

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062119\
 Data File : BF115081.D
 Acq On : 21 Jun 2019 15:59
 Operator : HP/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 21 16:40:27 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF062119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 21 16:30:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.62	152	195702	20.00	ng	0.00
21) Naphthalene-d8	7.91	136	818331	20.00	ng	0.00
39) Acenaphthene-d10	9.65	164	404516	20.00	ng	0.00
64) Phenanthrene-d10	11.12	188	786477	20.00	ng	0.00
76) Chrysene-d12	13.75	240	539075	20.00	ng	0.00
87) Perylene-d12	15.12	264	691909	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.21	112	1898097	161.95	ng	0.00
7) Phenol-d6	6.27	99	2255615	159.54	ng	0.01
23) Nitrobenzene-d5	7.20	82	2015995	148.29	ng	0.01
42) 2,4,6-Tribromophenol	10.44	330	629875	145.41	ng	0.00
45) 2-Fluorobiphenyl	8.99	172	3152222	132.07	ng	0.00
79) Terphenyl-d14	12.72	244	3483653	121.55	ng	0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.20	88	465680	84.884	ng	99
3) Pyridine	2.86	79	1327762	85.964	ng	99
4) n-Nitrosodimethylamine	2.83	42	522286	95.245	ng	99
6) Aniline	6.29	93	1565415	82.679	ng	98
8) 2-Chlorophenol	6.41	128	1072290	80.686	ng	98
9) Benzaldehyde	6.17	77	699695	86.086	ng	98
10) Phenol	6.28	94	1334771	84.384	ng	91
11) bis(2-Chloroethyl)ether	6.37	93	992029	80.803	ng	97
12) 1,3-Dichlorobenzene	6.57	146	1162927	74.918	ng	99
13) 1,4-Dichlorobenzene	6.64	146	1168819	74.897	ng	98
14) 1,2-Dichlorobenzene	6.80	146	1052875	71.662	ng	97
15) Benzyl Alcohol	6.77	79	803807	75.884	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.91	45	1450848	88.295	ng	99
17) 2-Methylphenol	6.88	107	902598	81.426	ng	99
18) Hexachloroethane	7.14	117	435671	77.305	ng	97
19) n-Nitroso-di-n-propylamine	7.06	70	748789	87.172	ng	97
20) 3+4-Methylphenols	7.05	107	963259	73.015	ng	# 84
22) Acetophenone	7.04	105	1361183	73.481	ng	# 99
24) Nitrobenzene	7.21	77	1107412	80.058	ng	97
25) Isophorone	7.46	82	2086666	81.949	ng	99
26) 2-Nitrophenol	7.52	139	594652	77.127	ng	100
27) 2,4-Dimethylphenol	7.57	122	888199	79.856	ng	99
28) bis(2-Chloroethoxy)methane	7.67	93	1289256	78.918	ng	98
29) 2,4-Dichlorophenol	7.77	162	931065	79.240	ng	98
30) 1,2,4-Trichlorobenzene	7.85	180	1008420	74.275	ng	99
31) Naphthalene	7.93	128	2796829	72.235	ng	98
32) Benzoic acid	7.73	122	778961	96.794	ng	100
33) 4-Chloroaniline	7.98	127	1376518	77.018	ng	98
34) Hexachlorobutadiene	8.05	225	541157	71.710	ng	98
35) Caprolactam	8.38	113	269047	68.749	ng	95
36) 4-Chloro-3-methylphenol	8.47	107	945239	79.828	ng	99
37) 2-Methylnaphthalene	8.62	142	1907963	73.882	ng	97
38) 1-Methylnaphthalene	8.72	142	1832247	75.069	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.78	216	811866	67.933	ng	99

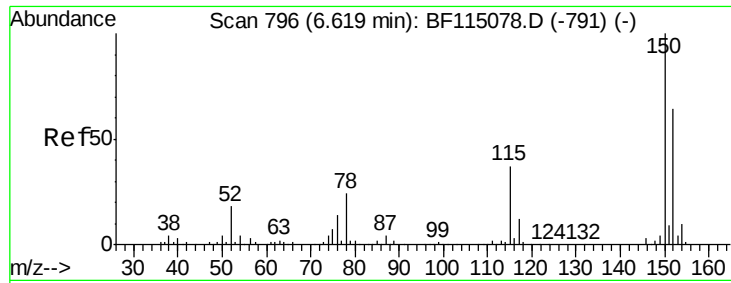
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062119\
 Data File : BF115081.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 21 16:30:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.78	237	498486	84.648	nq	100
43) 2,4,6-Trichlorophenol	8.90	196	674475	75.561	nq	99
44) 2,4,5-Trichlorophenol	8.93	196	706086	78.273	nq	99
46) 1,1'-Biphenyl	9.08	154	2163416	66.740	nq	98
47) 2-Chloronaphthalene	9.11	162	1879278	71.693	nq	97
48) 2-Nitroaniline	9.20	65	613292	79.157	nq	98
49) Acenaphthylene	9.52	152	2853507	70.802	nq	98
50) Dimethylphthalate	9.40	163	2160150	71.008	nq	99
51) 2,6-Dinitrotoluene	9.45	165	541255	78.435	nq	94
52) Acenaphthene	9.69	154	1836556	79.648	nq	99
53) 3-Nitroaniline	9.61	138	646518	76.468	nq	98
54) 2,4-Dinitrophenol	9.71	184	285027	85.155	nq	94
55) Dibenzofuran	9.86	168	2483771	71.472	nq	96
56) 4-Nitrophenol	9.77	139	529498	90.817	nq	95
57) 2,4-Dinitrotoluene	9.85	165	702896	80.028	nq	96
58) Fluorene	10.20	166	1656821	65.185	nq	99
59) 2,3,4,6-Tetrachlorophenol	9.98	232	570787	78.334	nq	100
60) Diethylphthalate	10.10	149	2192249	75.367	nq	98
61) 4-Chlorophenyl-phenylether	10.20	204	780297	62.194	nq	95
62) 4-Nitroaniline	10.23	138	664282	78.144	nq	98
63) Azobenzene	10.35	77	2003050	78.714	nq	97
65) 4,6-Dinitro-2-methylphenol	10.25	198	354227	80.359	nq	91
66) n-Nitrosodiphenylamine	10.32	169	1794155	76.317	nq	99
67) 4-Bromophenyl-phenylether	10.68	248	632372	74.886	nq	97
68) Hexachlorobenzene	10.75	284	681799	73.337	nq	98
69) Atrazine	10.85	200	593652	78.321	nq	99
70) Pentachlorophenol	10.93	266	456079	90.333	nq	97
71) Phenanthrene	11.15	178	2834635	69.807	nq	99
72) Anthracene	11.21	178	2870710	70.076	nq	98
73) Carbazole	11.36	167	2712698	75.866	nq	99
74) Di-n-butylphthalate	11.71	149	3146724	69.807	nq	# 97
75) Fluoranthene	12.33	202	3011266	72.521	nq	99
77) Benzidine	12.46	184	1794959	82.321	nq	# 94
78) Pyrene	12.56	202	3100187	63.129	nq	97
80) Butylbenzylphthalate	13.19	149	1467233	63.966	nq	97
81) Benzo(a)anthracene	13.74	228	2972974	73.697	nq	97
82) 3,3'-Dichlorobenzidine	13.71	252	1065589	68.899	nq	98
83) Chrysene	13.78	228	2609826	65.059	nq	97
84) Bis(2-ethylhexyl)phthalate	13.77	149	1837127	67.766	nq	99
85) Di-n-octyl phthalate	14.37	149	3100991	66.425	nq	99
86) Indeno(1,2,3-cd)pyrene	16.41	276	3399278	96.469	nq	100
88) Benzo(b)fluoranthene	14.75	252	3216098	69.922	nq	97
89) Benzo(k)fluoranthene	14.78	252	2666389	66.045	nq	100
90) Benzo(a)pyrene	15.07	252	2905972	73.218	nq	100
91) Dibenzo(a,h)anthracene	16.44	278	2656848	77.731	nq	99
92) Benzo(g,h,i)perylene	16.80	276	2748812	78.856	nq	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

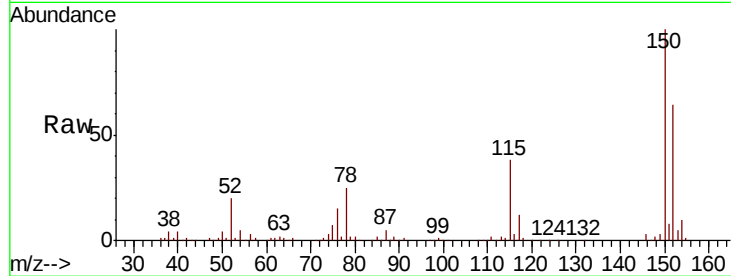


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.62 min Scan# 796
Delta R.T. 0.00 min
Lab File: BF115081.D
Acq: 21 Jun 2019 15:59

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.7	124.2	186.2
115	59.9	46.1	69.1

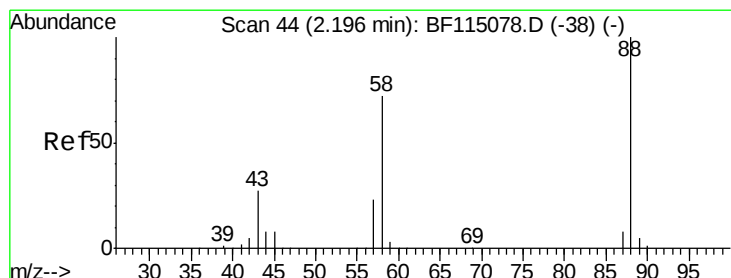
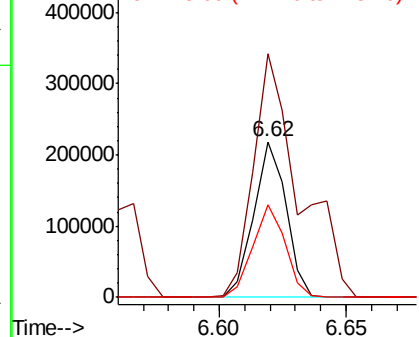
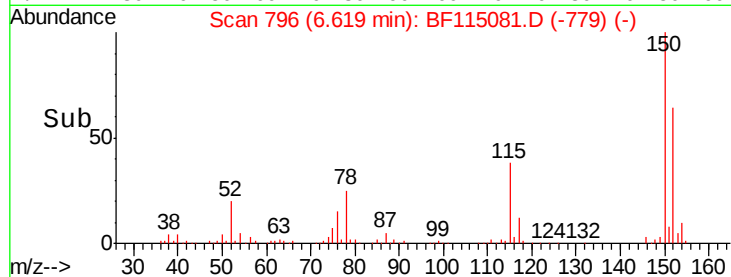


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

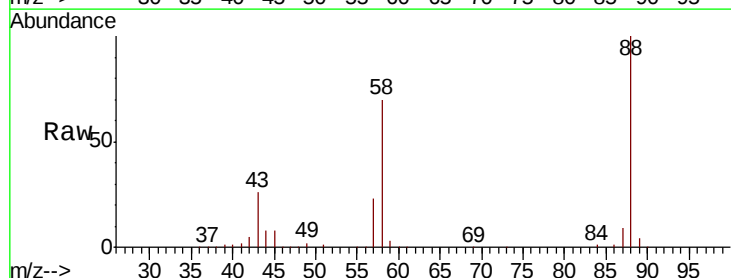
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 84.884 ng
RT: 2.20 min Scan# 45
Delta R.T. 0.01 min
Lab File: BF115081.D
Acq: 21 Jun 2019 15:59

Tgt Ion	Ratio	Lower	Upper
88	100		
58	69.2	56.1	84.1
43	26.7	21.3	31.9

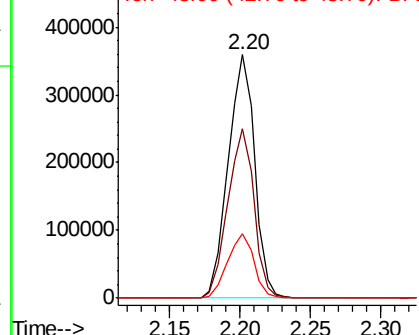
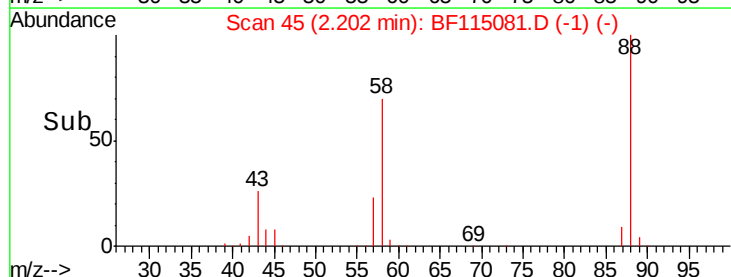


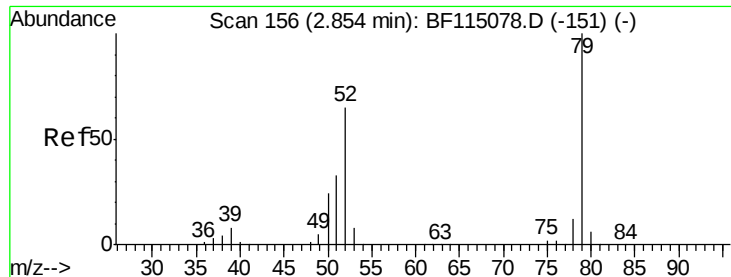
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 85.964 ng

RT: 2.86 min Scan# 157

Delta R.T. 0.01 min

Lab File: BF115081.D

Acq: 21 Jun 2019 15:59

Instrument :

BNA_F

ClientSampleId :

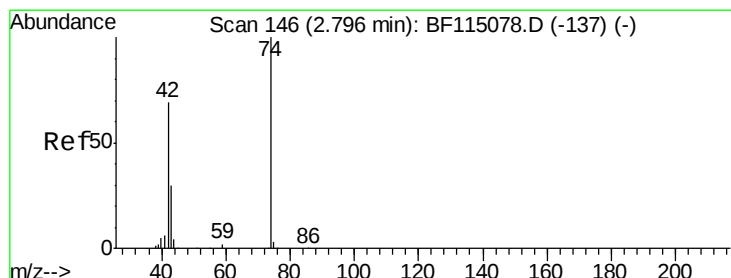
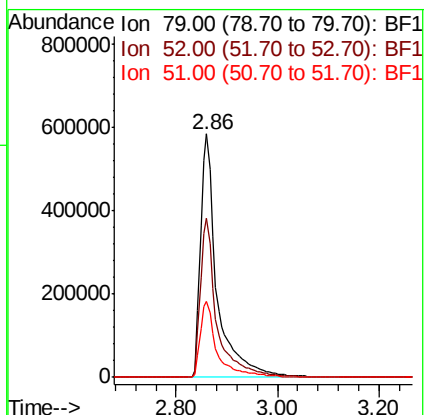
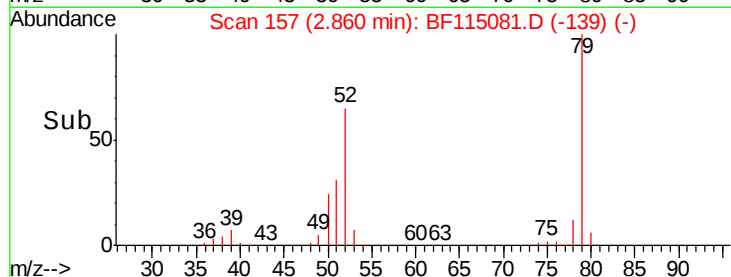
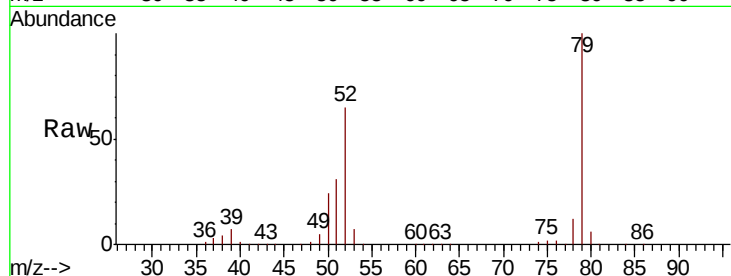
Tot Ion: 79 Resp: 1327762

Ion Ratio Lower Upper

79 100

52 65.2 52.3 78.5

51 31.2 26.1 39.1



#4

n-Nitrosodimethylamine

Concen: 95.245 ng

RT: 2.83 min Scan# 151

Delta R.T. 0.03 min

Lab File: BF115081.D

Acq: 21 Jun 2019 15:59

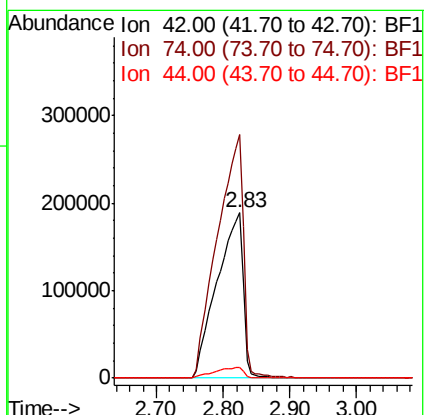
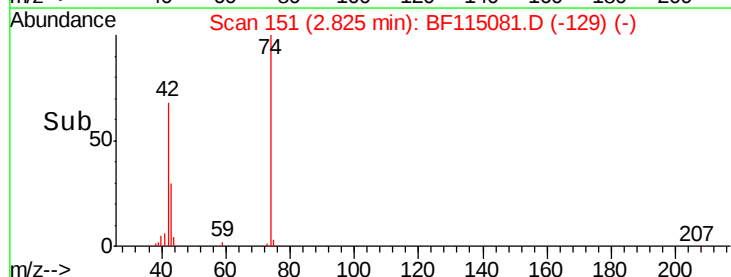
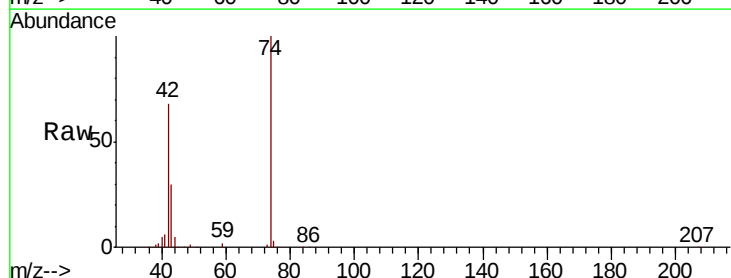
Tgt Ion: 42 Resp: 522286

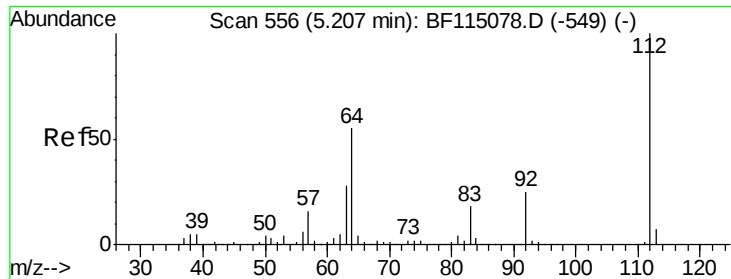
Ion Ratio Lower Upper

42 100

74 147.4 116.6 175.0

44 6.7 5.3 7.9





#5

2-Fluorophenol

Concen: 161.951 ng

RT: 5.21 min Scan# 557

Delta R.T. 0.01 min

Lab File: BF115081.D

Acq: 21 Jun 2019 15:59

Instrument :

BNA_F

ClientSampled :

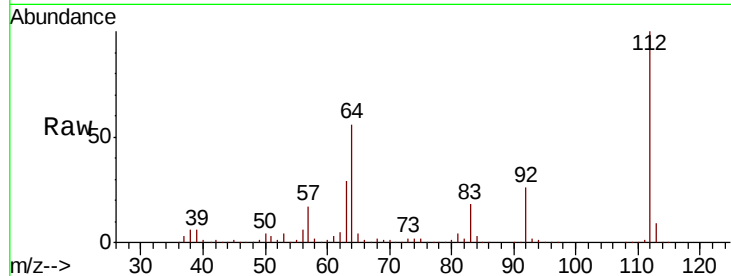
Tot Ion:112 Resp: 1898097

Ion Ratio Lower Upper

112 100

64 56.2 43.8 65.6

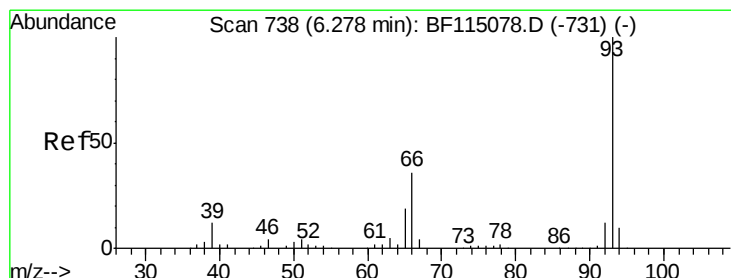
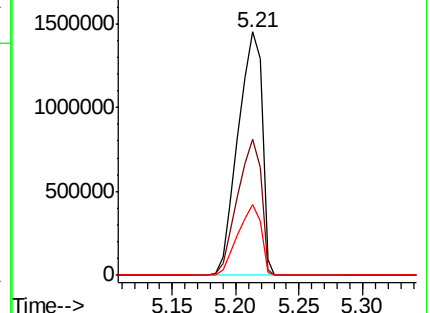
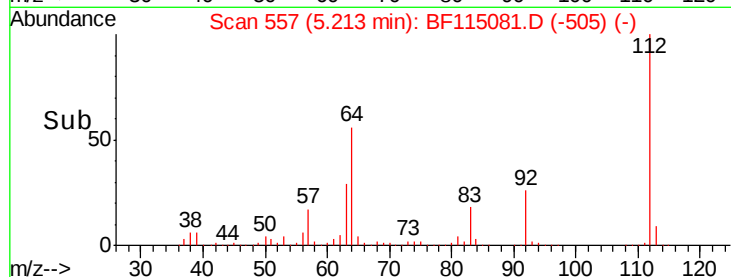
63 29.1 22.2 33.4



Abundance Ion 112.00 (111.70 to 112.70): BF115081.D (-505) (-)

Ion 64.00 (63.70 to 64.70): BF115081.D (-505) (-)

Ion 63.00 (62.70 to 63.70): BF115081.D (-505) (-)



#6

Aniline

Concen: 82.679 ng

RT: 6.29 min Scan# 740

Delta R.T. 0.01 min

Lab File: BF115081.D

Acq: 21 Jun 2019 15:59

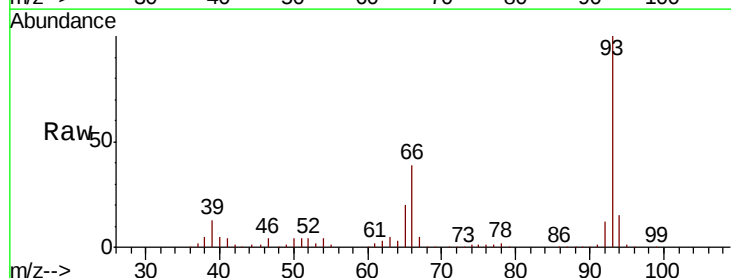
Tgt Ion: 93 Resp: 1565415

Ion Ratio Lower Upper

93 100

66 38.6 30.0 45.0

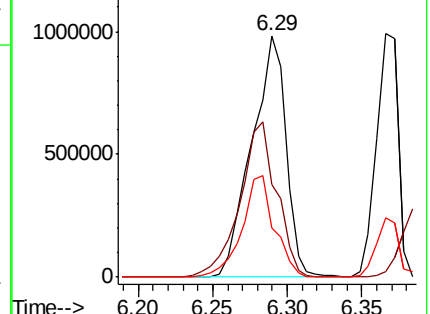
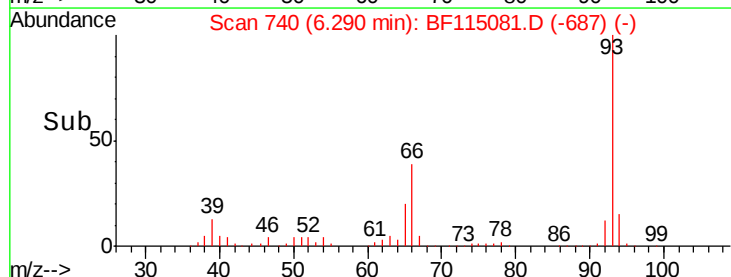
65 20.3 15.6 23.4

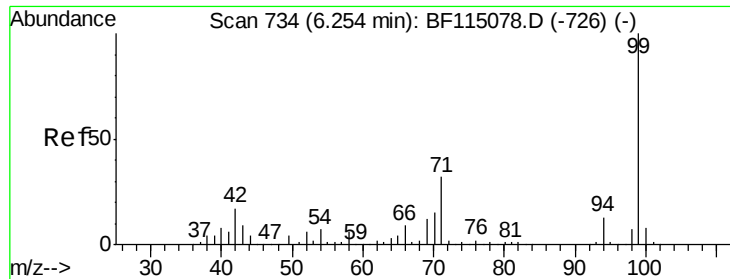


Abundance Ion 93.00 (92.70 to 93.70): BF115081.D (-687) (-)

Ion 66.00 (65.70 to 66.70): BF115081.D (-687) (-)

Ion 65.00 (64.70 to 65.70): BF115081.D (-687) (-)





#7

Phenol-d6

Concen: 159.544 ng

RT: 6.27 min Scan# 736

Delta R.T. 0.01 min

Lab File: BF115081.D

Acq: 21 Jun 2019 15:59

Instrument :

BNA_F

ClientSampleId :

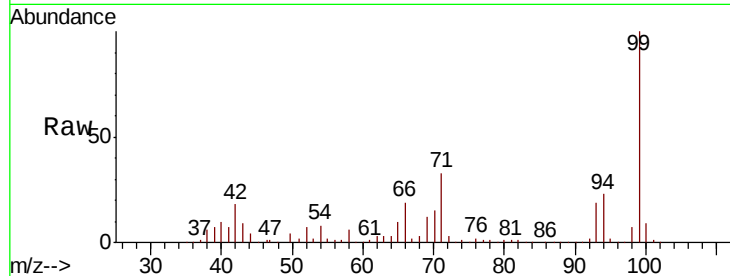
Tot Ion: 99 Resp: 2255615

Ion Ratio Lower Upper

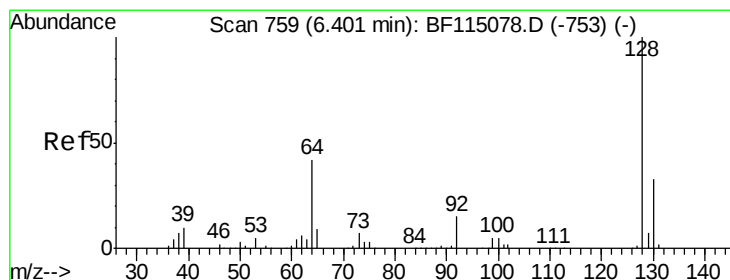
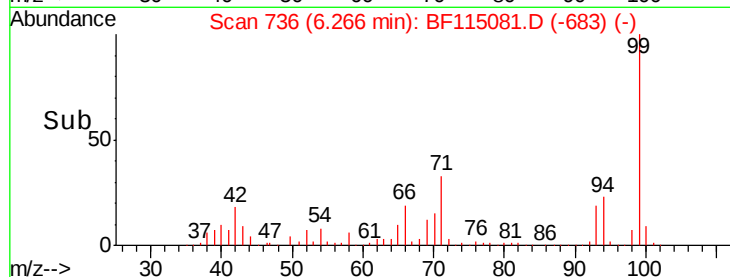
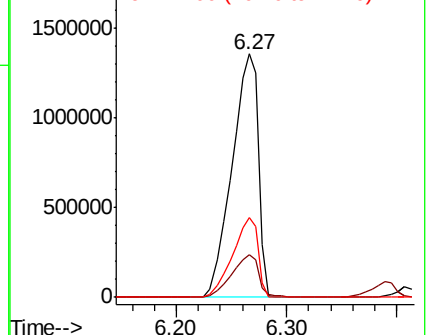
99 100

42 17.7 13.6 20.4

71 32.7 25.5 38.3



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 80.686 ng

RT: 6.41 min Scan# 760

Delta R.T. 0.01 min

Lab File: BF115081.D

Acq: 21 Jun 2019 15:59

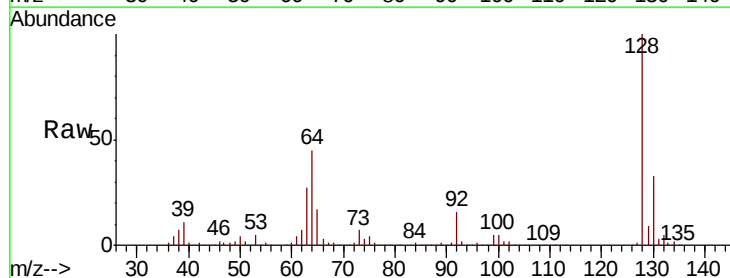
Tgt Ion: 128 Resp: 1072290

Ion Ratio Lower Upper

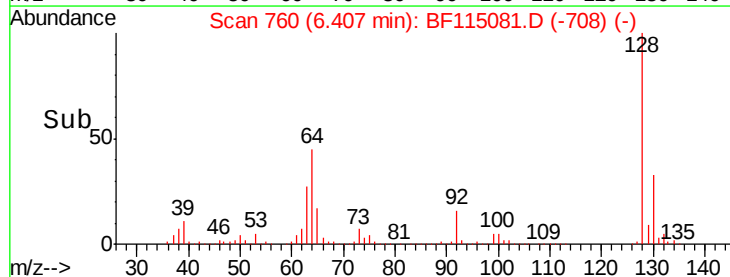
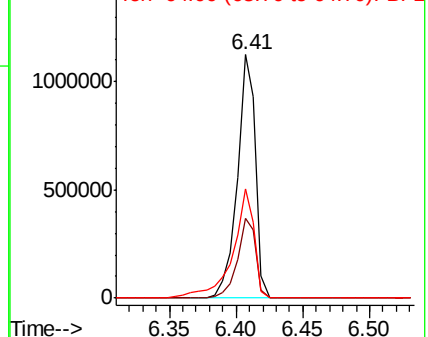
128 100

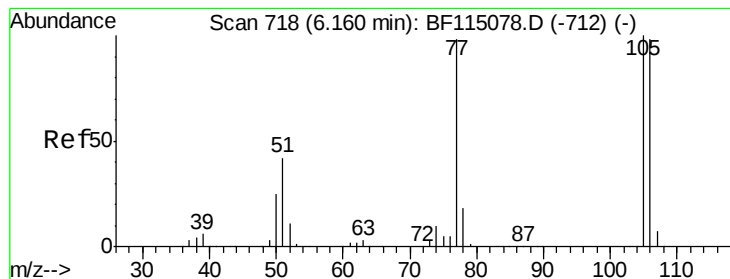
130 32.6 12.9 52.9

64 44.7 22.9 62.9



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 86.086 ng

RT: 6.17 min Scan# 719

Delta R.T. 0.01 min

Lab File: BF115081.D

Acq: 21 Jun 2019 15:59

Instrument :

BNA_F

ClientSampleId :

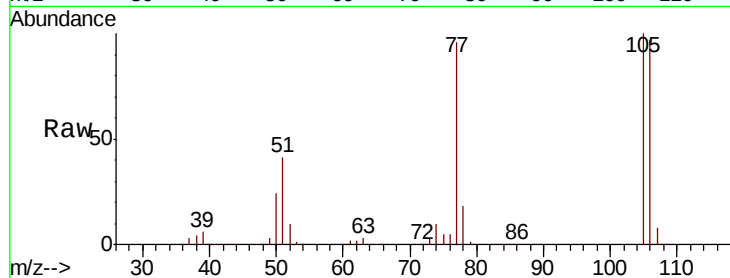
Tot Ion: 77 Resp: 699695

Ion Ratio Lower Upper

77 100

105 104.0 81.5 121.5

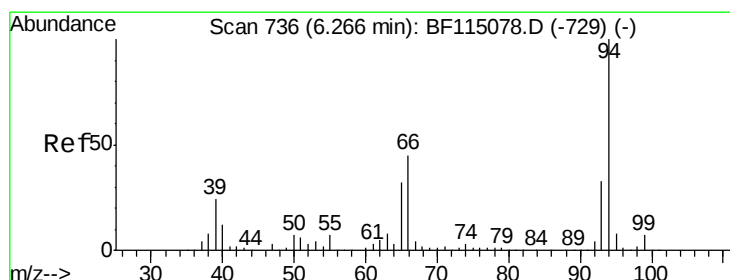
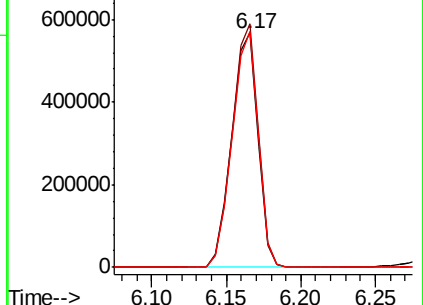
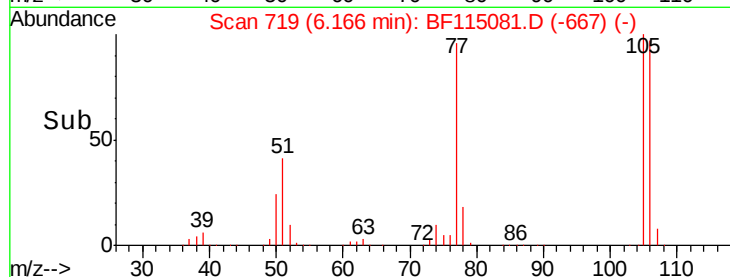
106 100.6 79.7 119.7



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 84.384 ng

RT: 6.28 min Scan# 739

Delta R.T. 0.02 min

Lab File: BF115081.D

Acq: 21 Jun 2019 15:59

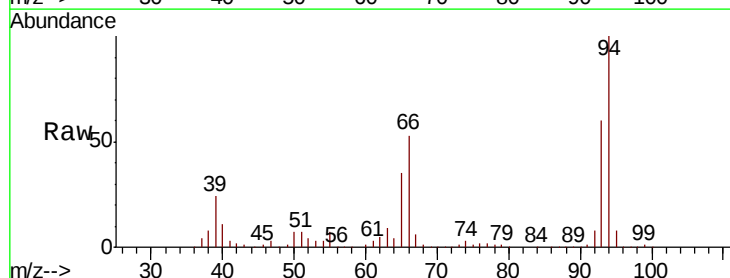
Tgt Ion: 94 Resp: 1334771

Ion Ratio Lower Upper

94 100

65 35.0 11.9 51.9

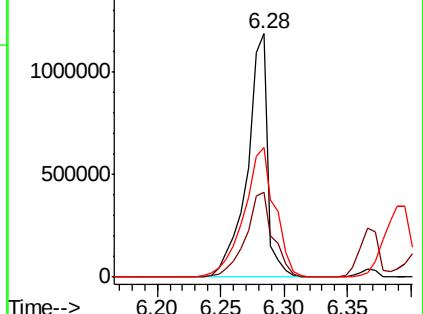
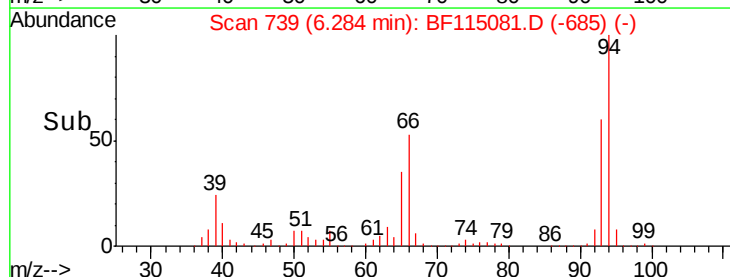
66 53.2 25.2 65.2

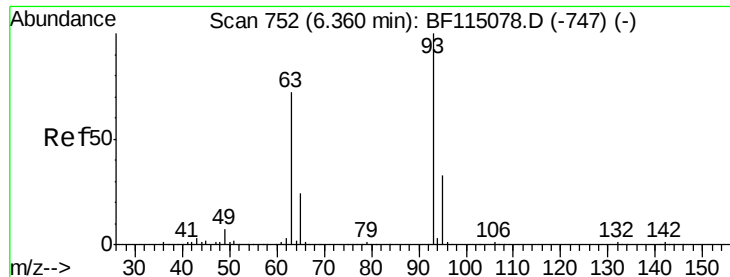


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

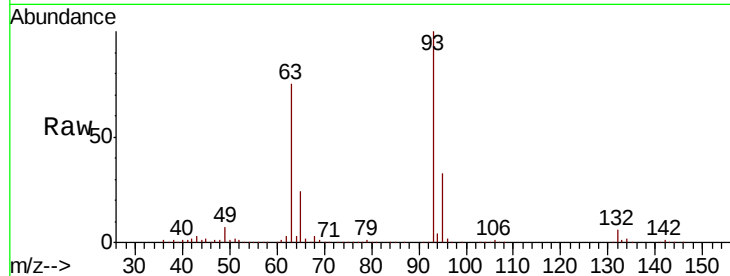




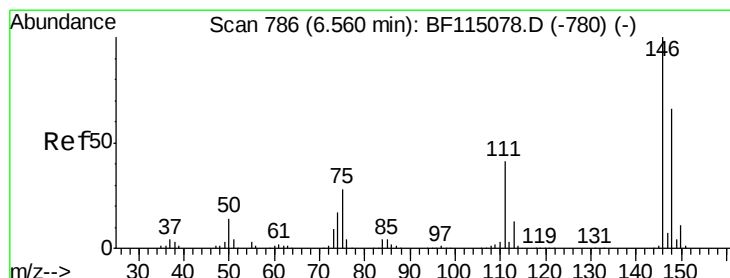
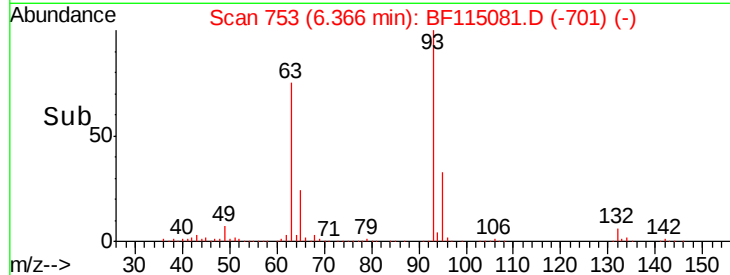
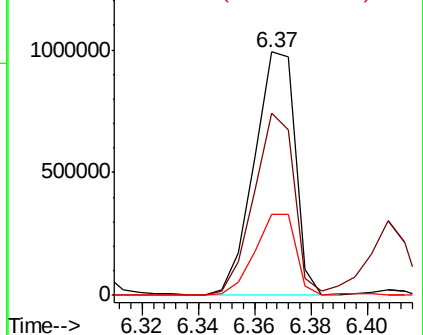
#11
bis(2-Chloroethyl)ether
Concen: 80.803 ng
RT: 6.37 min Scan# 753
Delta R.T. 0.01 min
Lab File: BF115081.D
Acq: 21 Jun 2019 15:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
93	100		
63	74.7	51.5	91.5
95	33.5	13.4	53.4

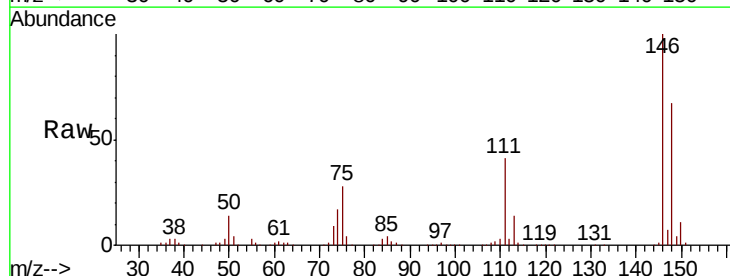


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

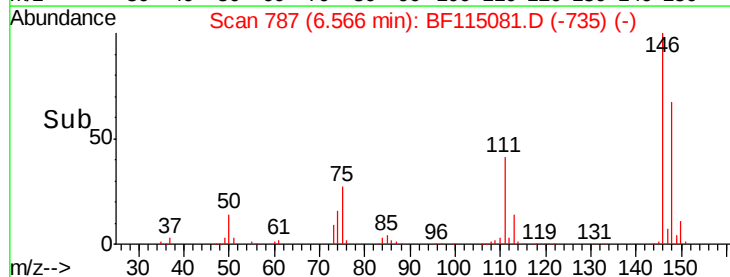
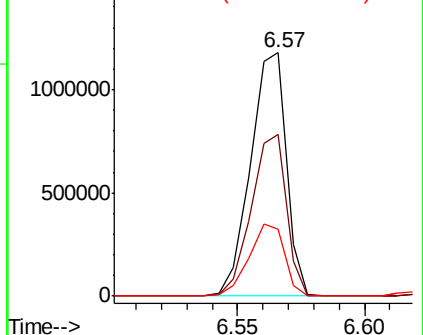


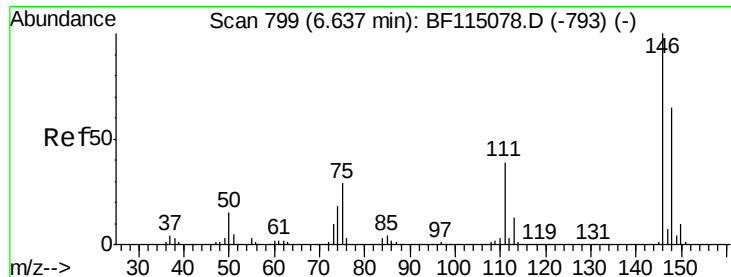
#12
1,3-Dichlorobenzene
Concen: 74.918 ng
RT: 6.57 min Scan# 787
Delta R.T. 0.01 min
Lab File: BF115081.D
Acq: 21 Jun 2019 15:59

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.6	52.6	78.8
75	27.7	22.6	34.0



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF1

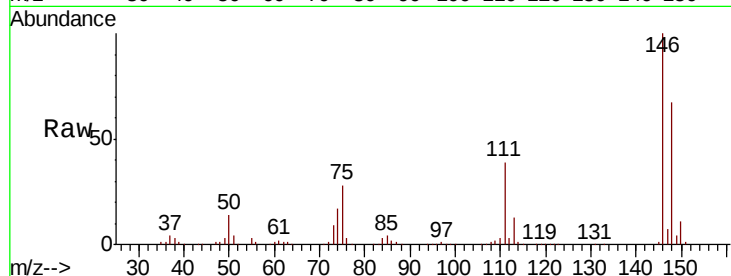




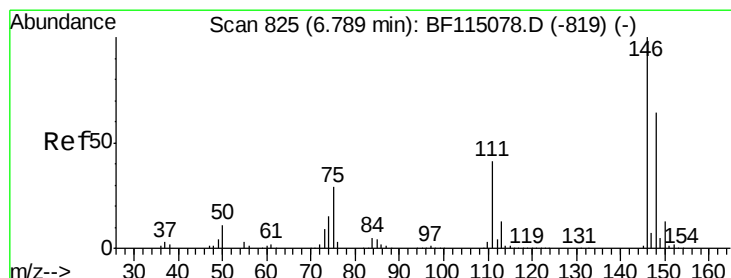
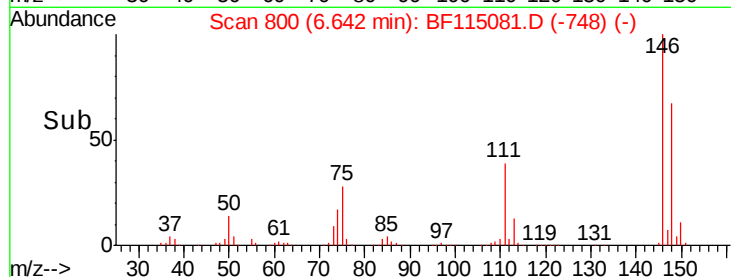
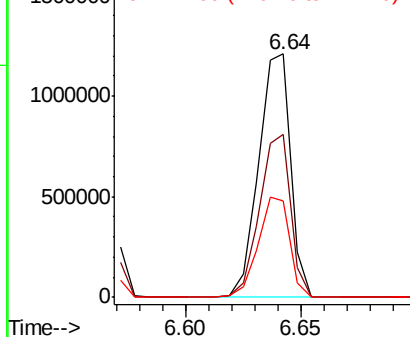
#13
 1,4-Dichlorobenzene
 Concen: 74.897 ng
 RT: 6.64 min Scan# 800
 Delta R.T. 0.01 min
 Lab File: BF115081.D
 Acq: 21 Jun 2019 15:59

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 1168819
 Ion Ratio Lower Upper
 146 100
 148 66.8 51.9 77.9
 111 39.4 31.4 47.0

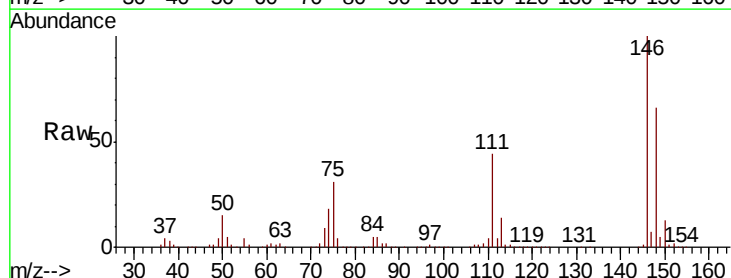


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

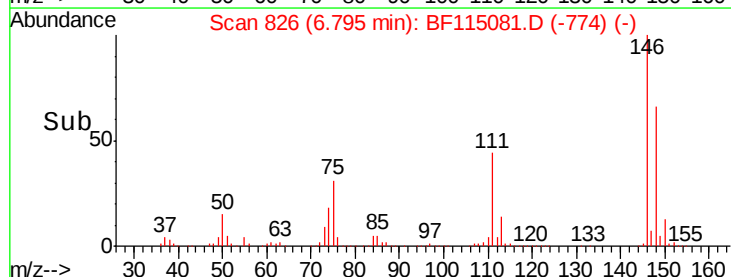
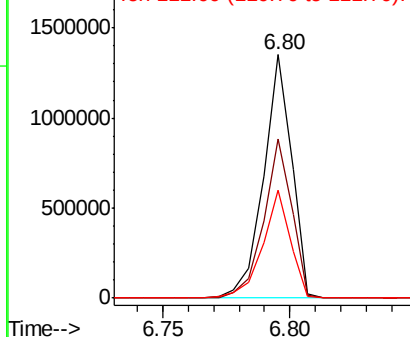


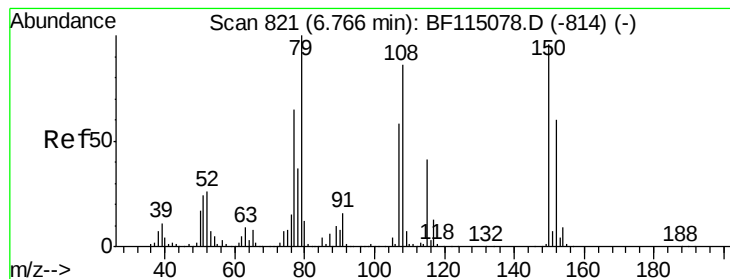
#14
 1,2-Dichlorobenzene
 Concen: 71.662 ng
 RT: 6.80 min Scan# 826
 Delta R.T. 0.01 min
 Lab File: BF115081.D
 Acq: 21 Jun 2019 15:59

Tgt Ion:146 Resp: 1052875
 Ion Ratio Lower Upper
 146 100
 148 65.6 51.1 76.7
 111 44.2 33.2 49.8



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 75.884 ng

RT: 6.77 min Scan# 822

Delta R.T. 0.01 min

Lab File: BF115081.D

Acq: 21 Jun 2019 15:59

Instrument :

BNA_F

ClientSampleId :

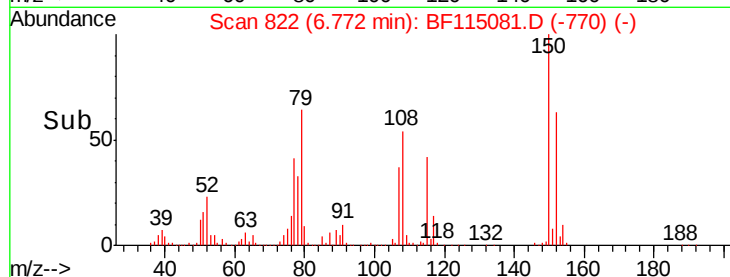
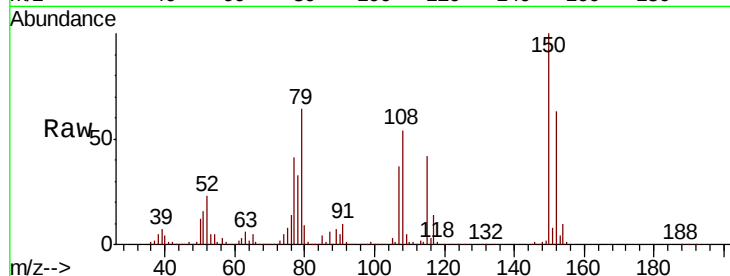
Tot Ion: 79 Resp: 803807

Ion Ratio Lower Upper

79 100

108 84.0 68.7 103.1

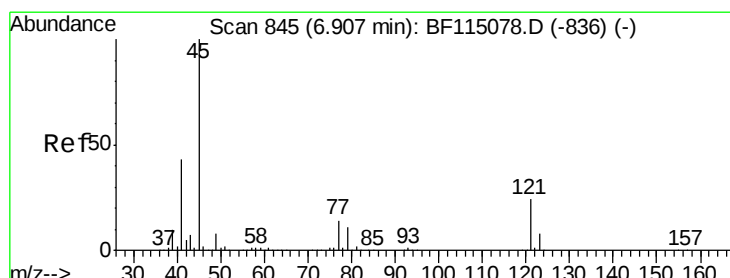
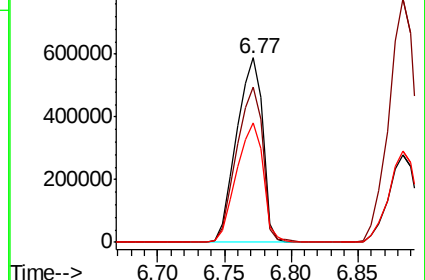
77 64.4 51.7 77.5



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 88.295 ng

RT: 6.91 min Scan# 846

Delta R.T. 0.01 min

Lab File: BF115081.D

Acq: 21 Jun 2019 15:59

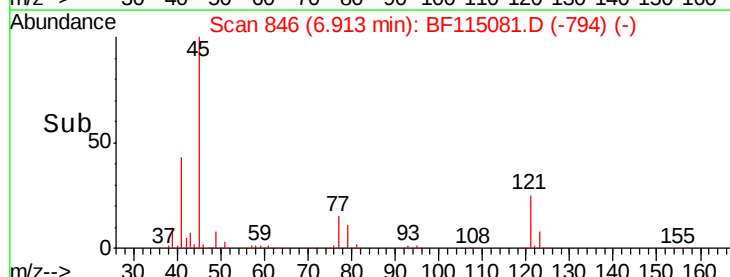
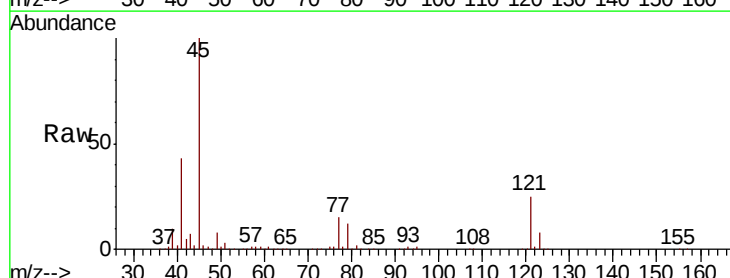
Tgt Ion: 45 Resp: 1450848

Ion Ratio Lower Upper

45 100

77 14.9 0.0 34.6

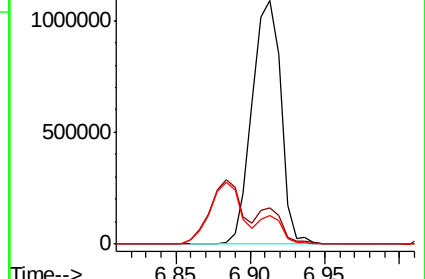
79 11.5 0.0 31.2

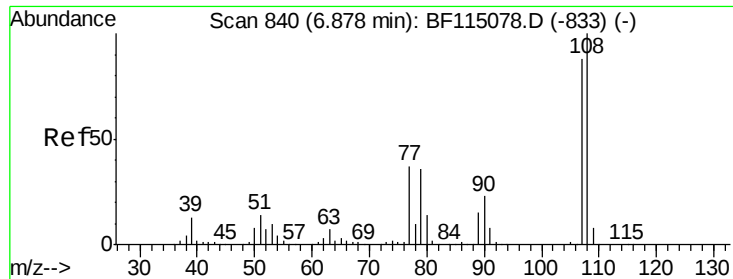


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

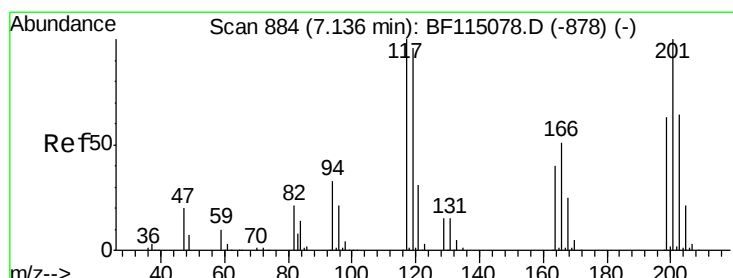
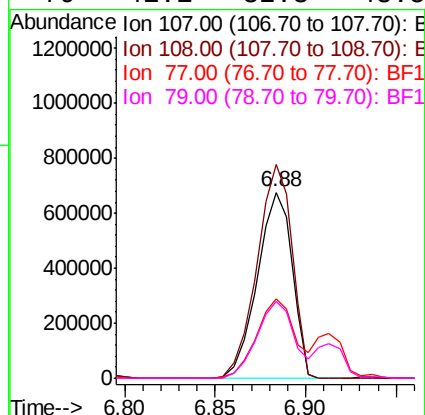
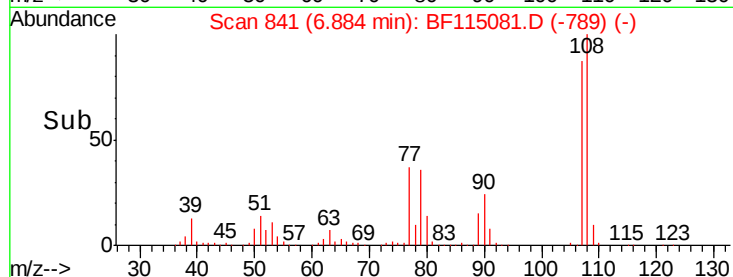
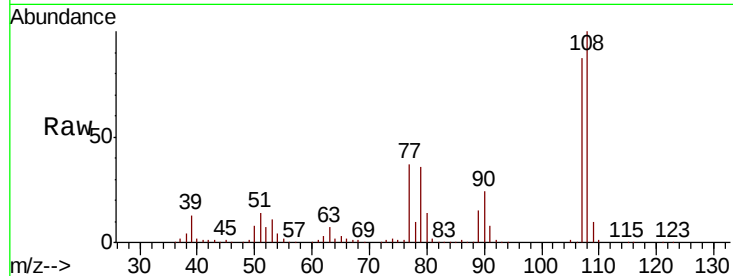




#17
2-Methylphenol
Concen: 81.426 ng
RT: 6.88 min Scan# 841
Delta R.T. 0.01 min
Lab File: BF115081.D
Acq: 21 Jun 2019 15:59

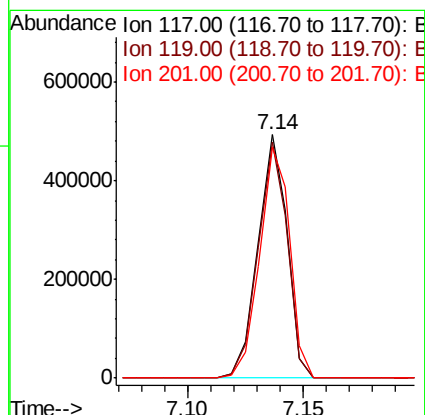
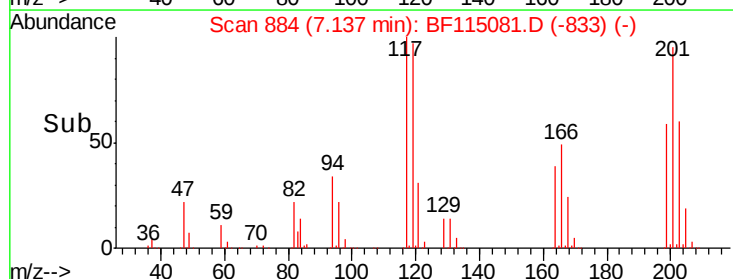
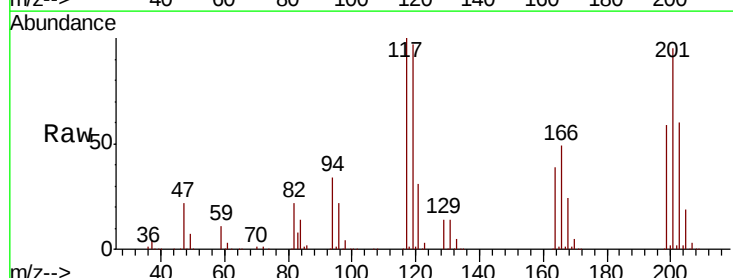
Instrument :
BNA_F
ClientSampled :

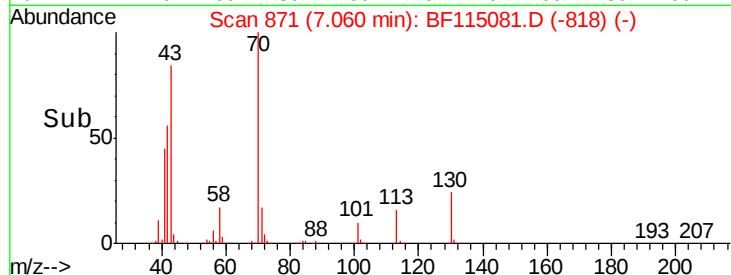
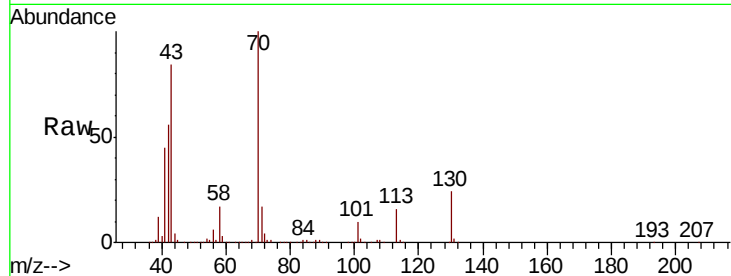
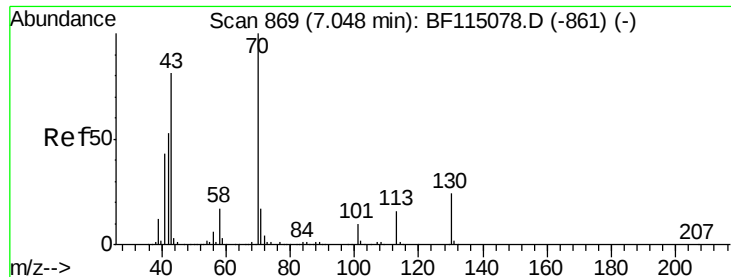
Tot Ion	Ratio	Lower	Upper
107	100		
108	114.9	90.9	136.3
77	42.9	33.4	50.2
79	41.1	32.3	48.5



#18
Hexachloroethane
Concen: 77.305 ng
RT: 7.14 min Scan# 884
Delta R.T. 0.00 min
Lab File: BF115081.D
Acq: 21 Jun 2019 15:59

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.8	76.6	114.8
201	94.6	80.2	120.2

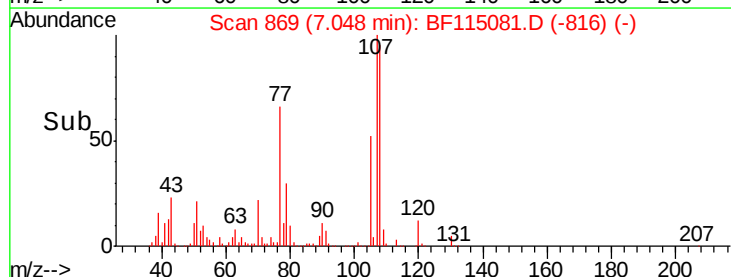
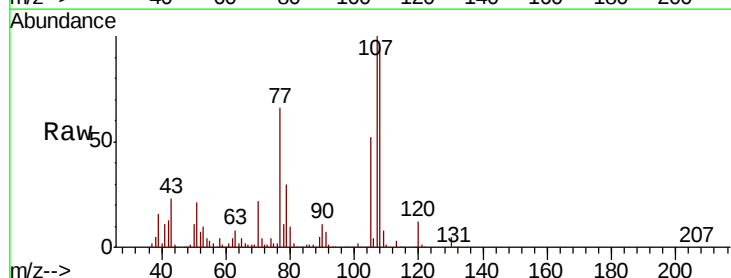
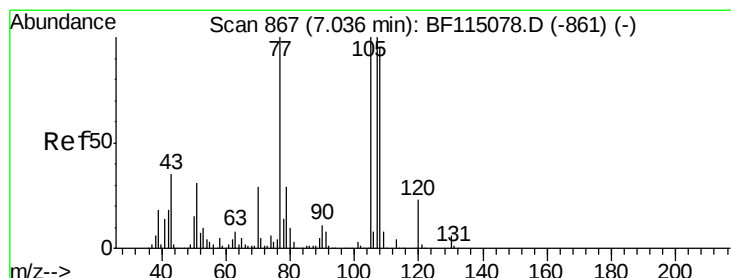
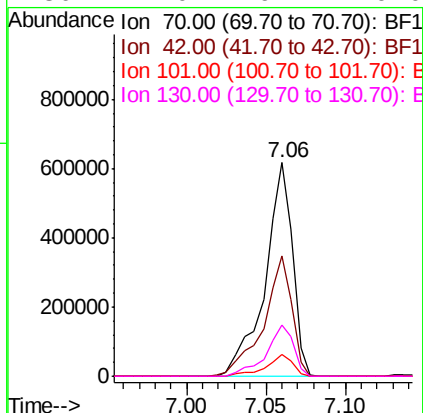




#19
n-Nitroso-di-n-propylamine
Concen: 87.172 ng
RT: 7.06 min Scan# 871
Delta R.T. 0.01 min
Lab File: BF115081.D
Acq: 21 Jun 2019 15:59

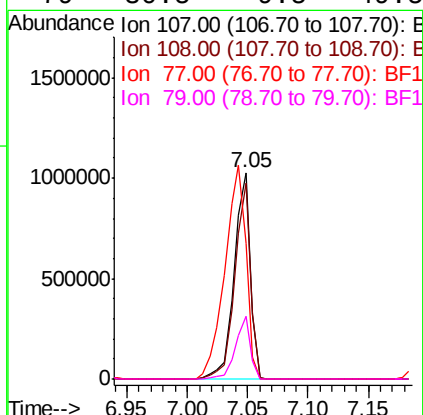
Instrument :
BNA_F
ClientSampleId :

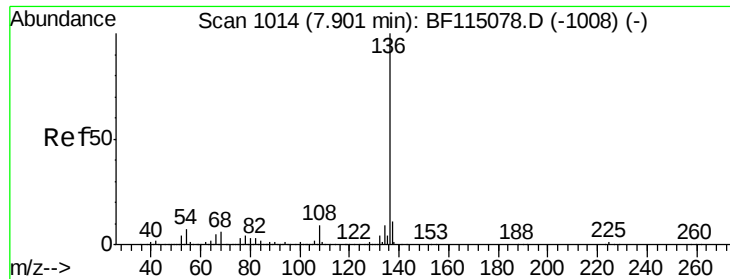
Tot Ion:	70	Resp:	748789
Ion	Ratio	Lower	Upper
70	100		
42	56.1	42.6	63.8
101	10.3	8.0	12.0
130	24.0	19.4	29.0



#20
3+4-Methylphenols
Concen: 73.015 ng
RT: 7.05 min Scan# 869
Delta R.T. 0.01 min
Lab File: BF115081.D
Acq: 21 Jun 2019 15:59

Tgt Ion:	107	Resp:	963259
Ion	Ratio	Lower	Upper
107	100		
108	95.1	75.5	115.5
77	66.0	80.2	120.2#
79	30.5	9.5	49.5

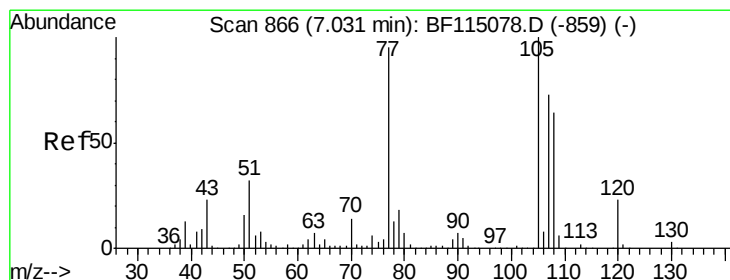
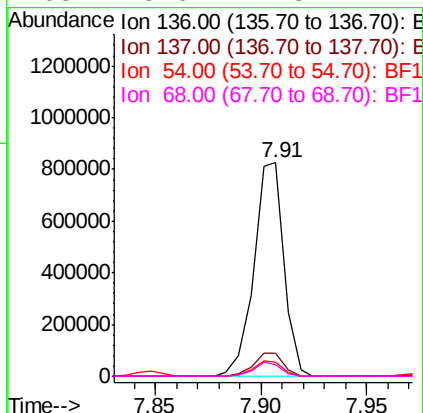
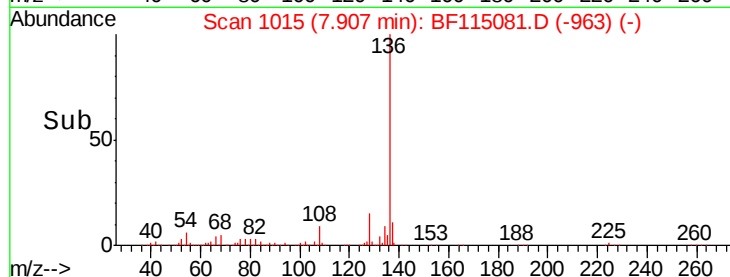
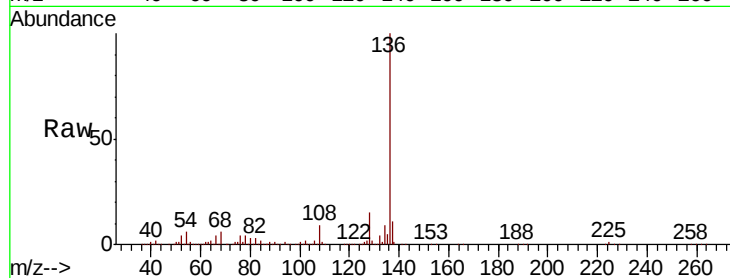




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.91 min Scan# 1015
Delta R.T. 0.01 min
Lab File: BF115081.D
Acq: 21 Jun 2019 15:59

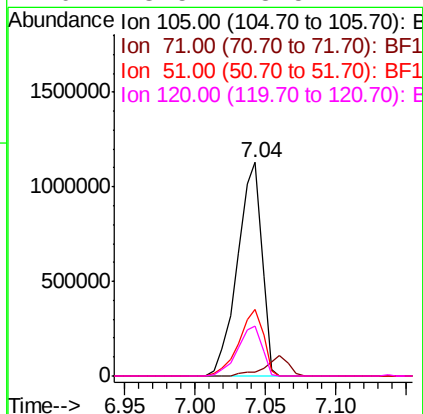
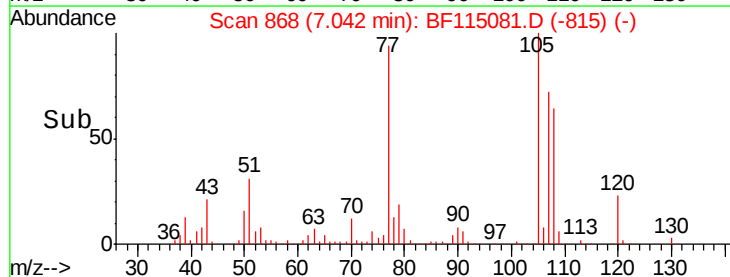
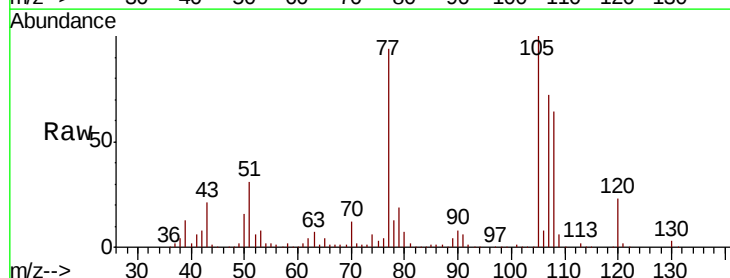
Instrument :
BNA_F
ClientSampleId :

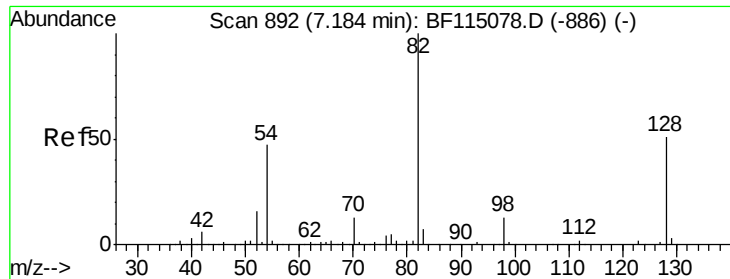
Tot Ion:136	Resp: 818331
Ion Ratio	Lower Upper
136 100	
137 10.9	8.9 13.3
54 6.4	5.6 8.4
68 5.6	4.8 7.2



#22
Acetophenone
Concen: 73.481 ng
RT: 7.04 min Scan# 868
Delta R.T. 0.01 min
Lab File: BF115081.D
Acq: 21 Jun 2019 15:59

Tgt	Ion:105	Resp:	1361183
Ion	Ratio	Lower	Upper
105	100		
71	1.9	1.9	2.9#
51	31.4	25.8	38.8
120	23.5	18.5	27.7

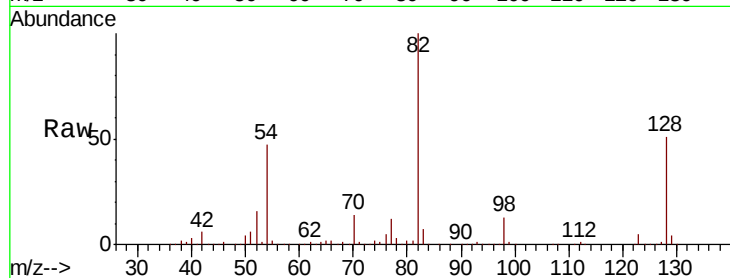




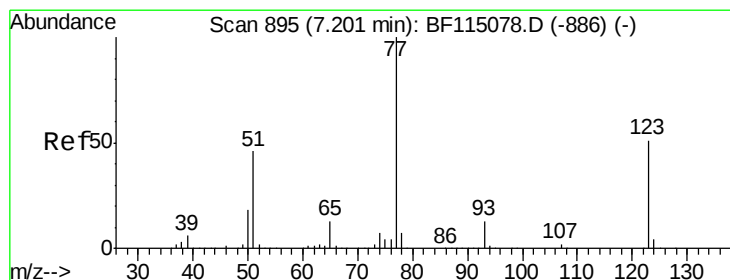
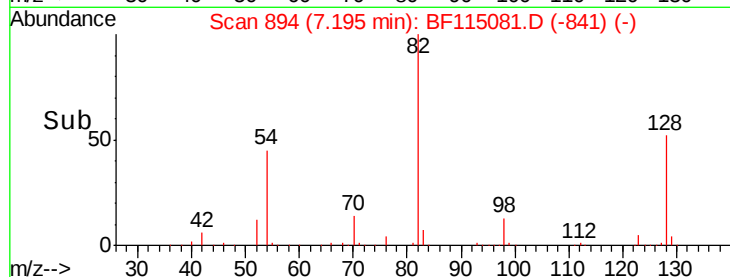
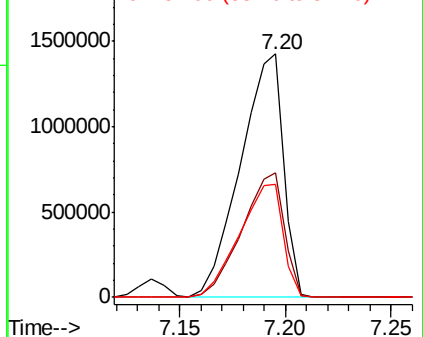
#23
 Nitrobenzene-d5
 Concen: 148.286 ng
 RT: 7.20 min Scan# 894
 Delta R.T. 0.01 min
 Lab File: BF115081.D
 Acq: 21 Jun 2019 15:59

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion: 82 Resp: 2015995
 Ion Ratio Lower Upper
 82 100
 128 51.4 40.4 60.6
 54 46.6 37.5 56.3

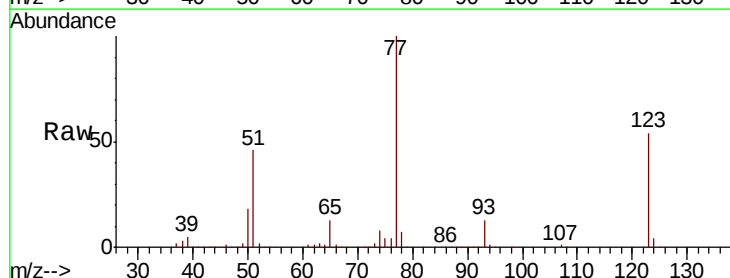


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

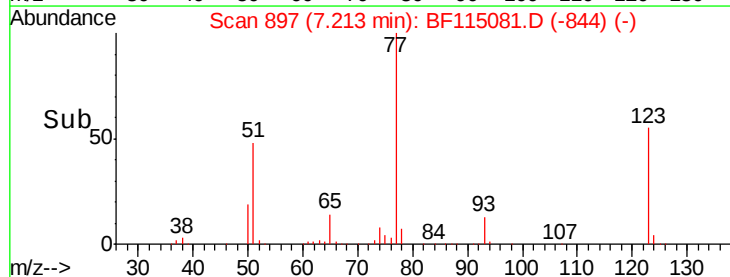
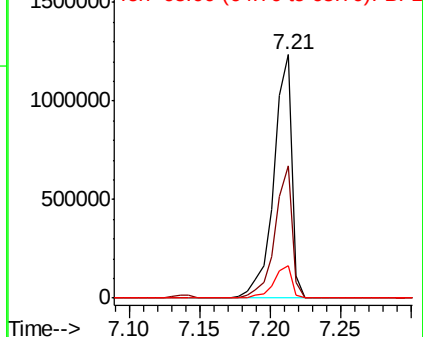


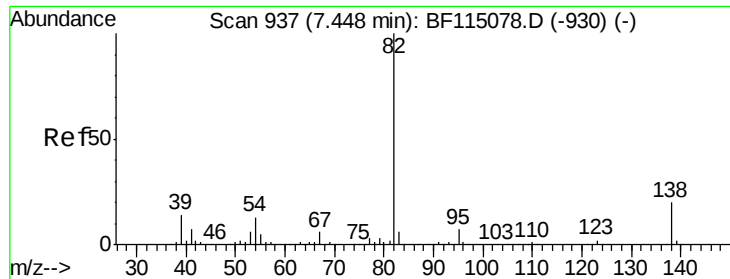
#24
 Nitrobenzene
 Concen: 80.058 ng
 RT: 7.21 min Scan# 897
 Delta R.T. 0.01 min
 Lab File: BF115081.D
 Acq: 21 Jun 2019 15:59

Tgt Ion: 77 Resp: 1107412
 Ion Ratio Lower Upper
 77 100
 123 54.2 41.0 61.6
 65 13.2 10.5 15.7



Abundance Ion 77.00 (76.70 to 77.70): BF1
 Ion 123.00 (122.70 to 123.70): BF1
 Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 81.949 ng

RT: 7.46 min Scan# 939

Delta R.T. 0.01 min

Lab File: BF115081.D

Acq: 21 Jun 2019 15:59

Instrument :

BNA_F

ClientSampleId :

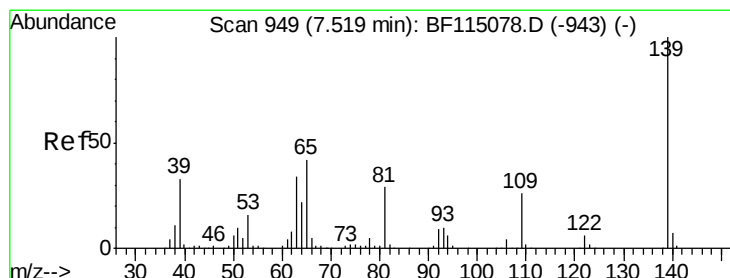
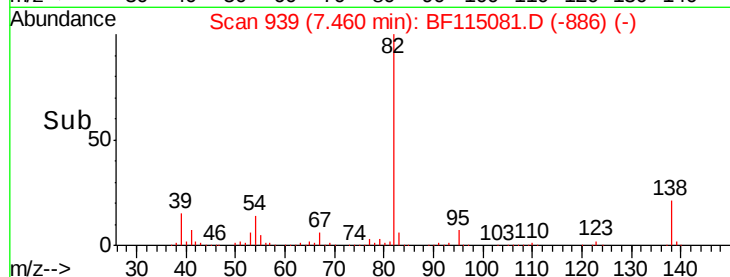
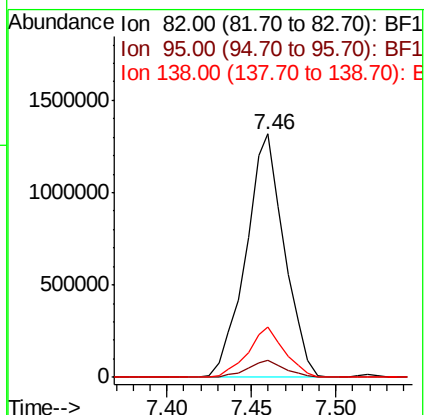
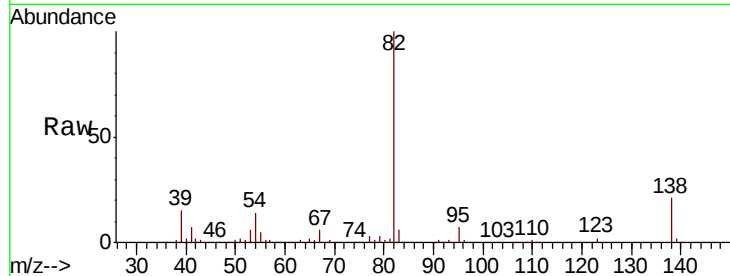
Tot Ion: 82 Resp: 2086666

Ion Ratio Lower Upper

82 100

95 6.9 5.4 8.2

138 20.7 15.9 23.9



#26

2-Nitrophenol

Concen: 77.127 ng

RT: 7.52 min Scan# 950

Delta R.T. 0.01 min

Lab File: BF115081.D

Acq: 21 Jun 2019 15:59

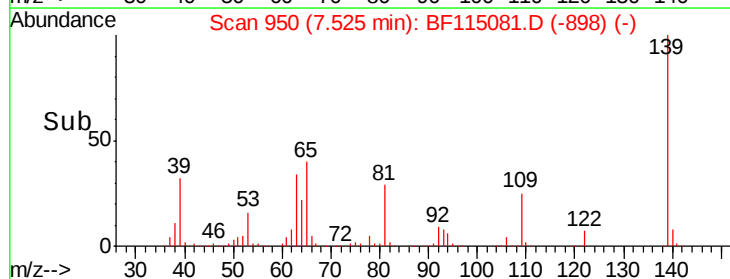
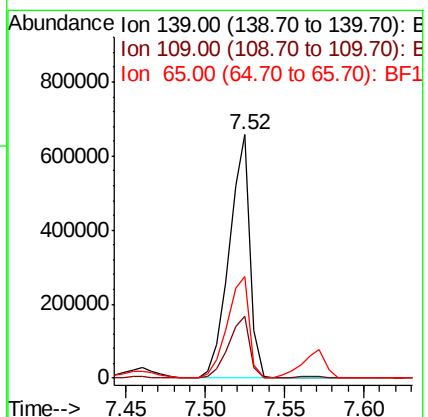
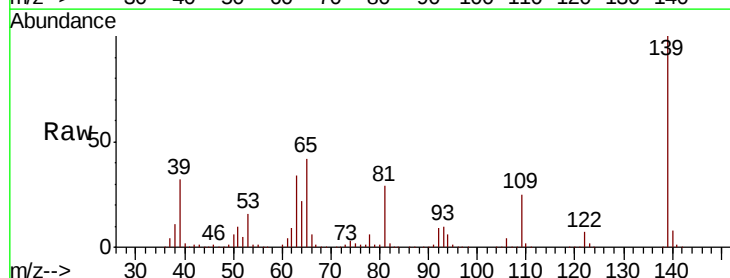
Tgt Ion: 139 Resp: 594652

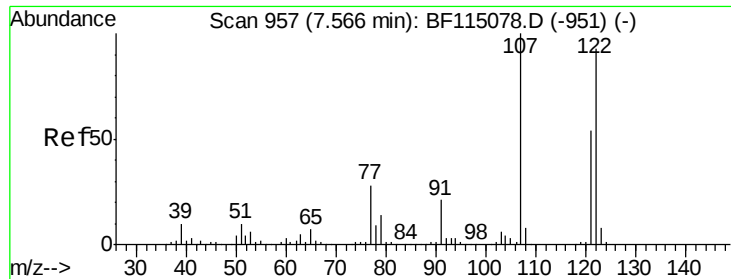
Ion Ratio Lower Upper

139 100

109 25.2 20.4 30.6

65 41.9 33.6 50.4

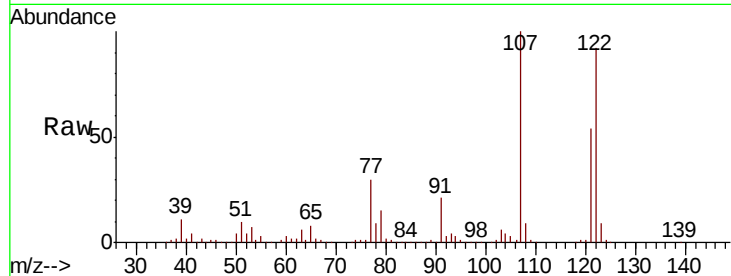




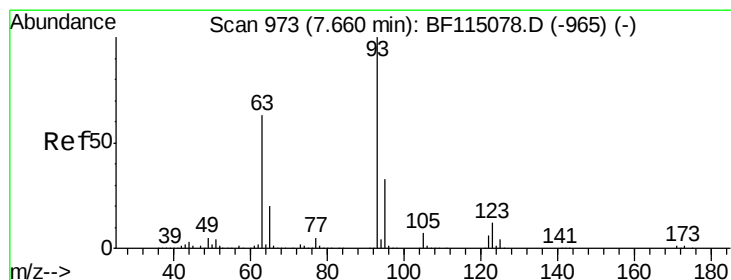
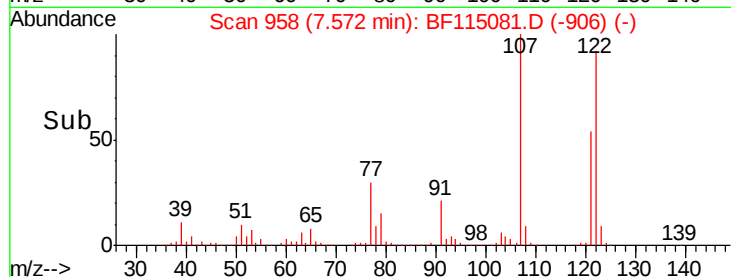
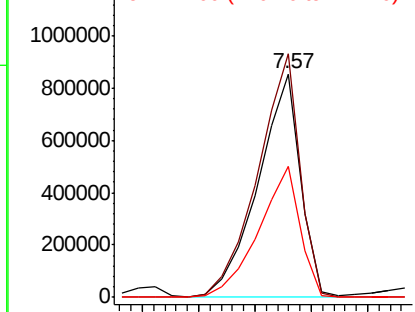
#27
 2,4-Dimethylphenol
 Concen: 79.856 ng
 RT: 7.57 min Scan# 958
 Delta R.T. 0.01 min
 Lab File: BF115081.D
 Acq: 21 Jun 2019 15:59

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:122 Resp: 888199
 Ion Ratio Lower Upper
 122 100
 107 109.0 85.8 128.6
 121 58.5 46.3 69.5

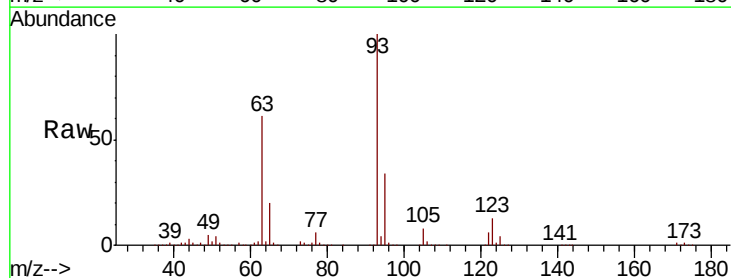


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

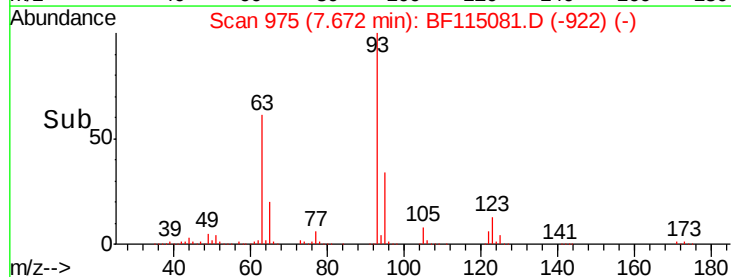
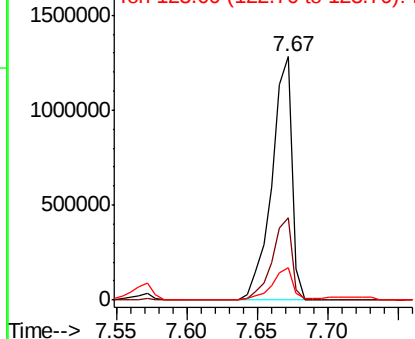


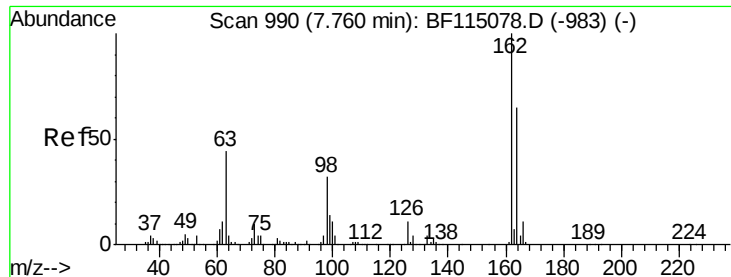
#28
 bis(2-Chloroethoxy)methane
 Concen: 78.918 ng
 RT: 7.67 min Scan# 975
 Delta R.T. 0.01 min
 Lab File: BF115081.D
 Acq: 21 Jun 2019 15:59

Tgt Ion: 93 Resp: 1289256
 Ion Ratio Lower Upper
 93 100
 95 33.7 26.2 39.4
 123 13.2 9.7 14.5



Abundance Ion 93.00 (92.70 to 93.70): BF1
 Ion 95.00 (94.70 to 95.70): BF1
 Ion 123.00 (122.70 to 123.70): E

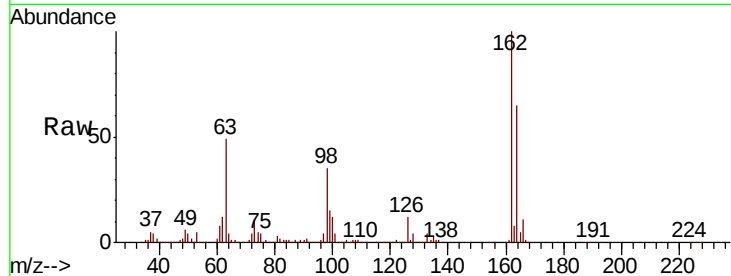




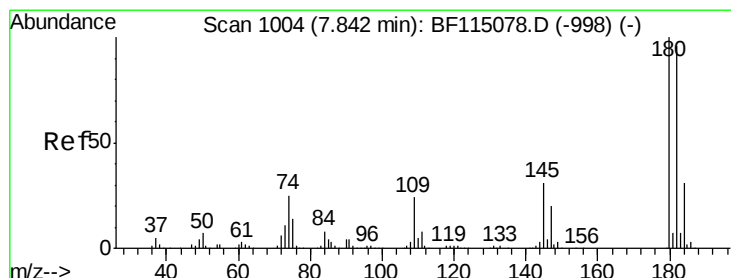
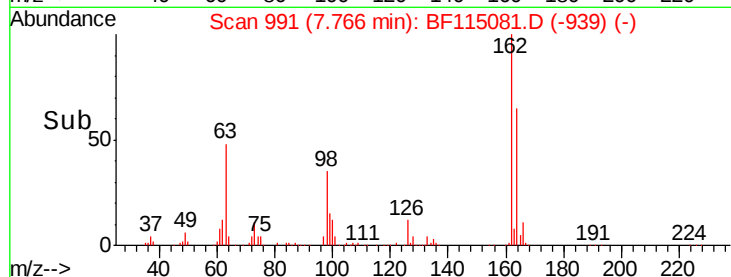
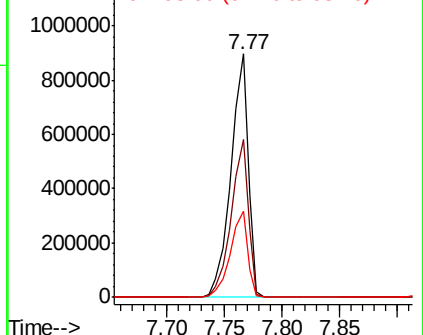
#29
2,4-Dichlorophenol
Concen: 79.240 ng
RT: 7.77 min Scan# 991
Delta R.T. 0.01 min
Lab File: BF115081.D
Acq: 21 Jun 2019 15:59

Instrument :
BNA_F
ClientSampled :

Tot Ion:162 Resp: 931065
Ion Ratio Lower Upper
162 100
164 64.8 45.3 85.3
98 35.1 12.5 52.5

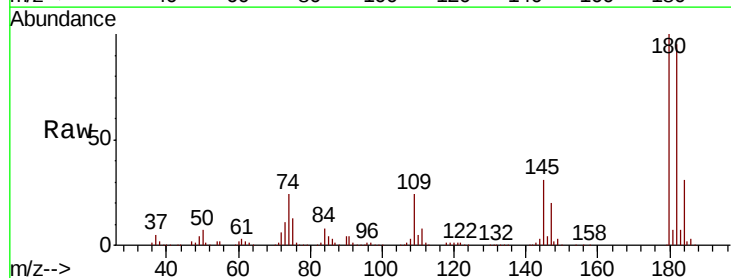


Abundance Ion 162.00 (161.70 to 162.70): E
1200000 Ion 164.00 (163.70 to 164.70): E
1000000 Ion 98.00 (97.70 to 98.70): BF1

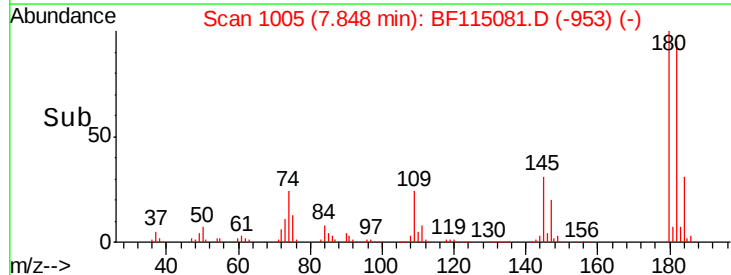
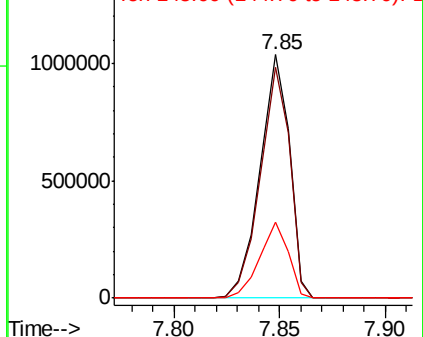


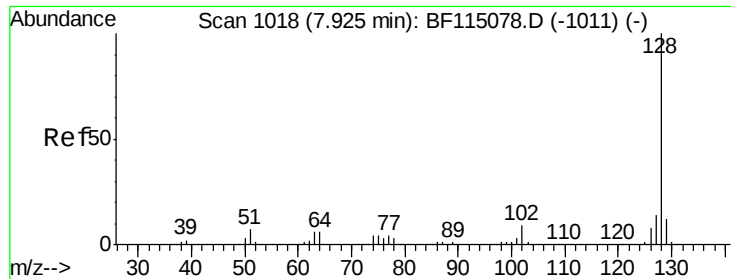
#30
1,2,4-Trichlorobenzene
Concen: 74.275 ng
RT: 7.85 min Scan# 1005
Delta R.T. 0.01 min
Lab File: BF115081.D
Acq: 21 Jun 2019 15:59

Tgt Ion:180 Resp: 1008420
Ion Ratio Lower Upper
180 100
182 94.8 76.4 114.6
145 31.0 24.8 37.2



Abundance Ion 180.00 (179.70 to 180.70): E
1000000 Ion 182.00 (181.70 to 182.70): E
500000 Ion 145.00 (144.70 to 145.70): E

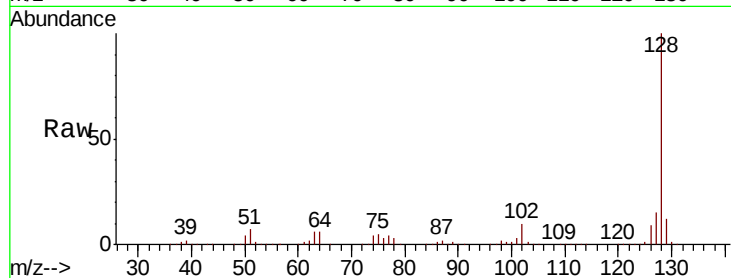




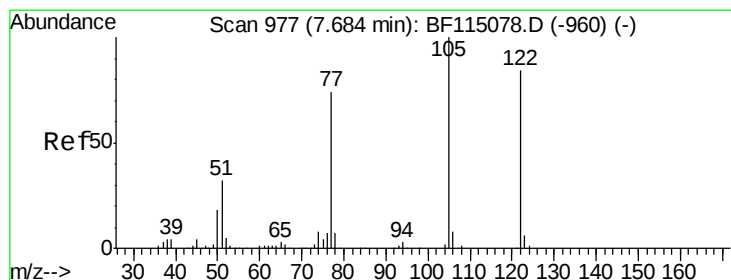
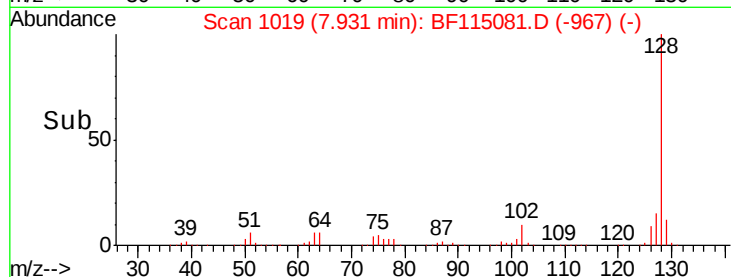
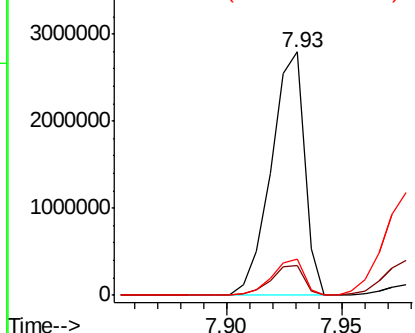
#31
Naphthalene
Concen: 72.235 ng
RT: 7.93 min Scan# 1019
Delta R.T. 0.01 min
Lab File: BF115081.D
Acq: 21 Jun 2019 15:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 2796829
Ion Ratio Lower Upper
128 100
129 12.5 9.6 14.4
127 15.1 11.4 17.0

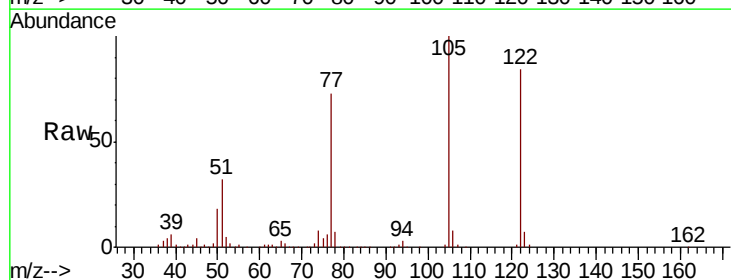


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

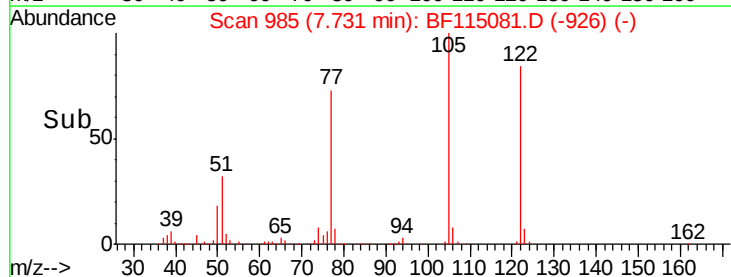
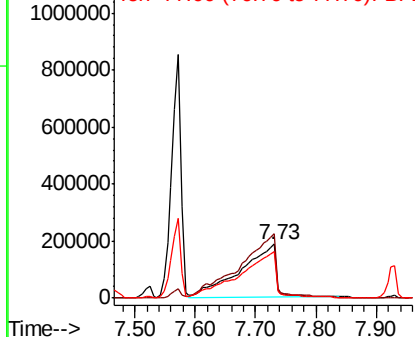


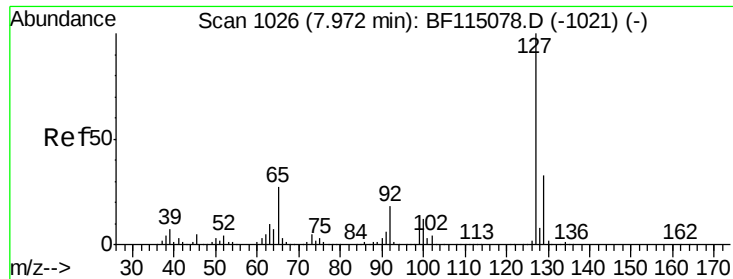
#32
Benzoic acid
Concen: 96.794 ng
RT: 7.73 min Scan# 985
Delta R.T. 0.05 min
Lab File: BF115081.D
Acq: 21 Jun 2019 15:59

Tgt Ion:122 Resp: 778961
Ion Ratio Lower Upper
122 100
105 119.0 98.2 138.2
77 87.0 67.0 107.0



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

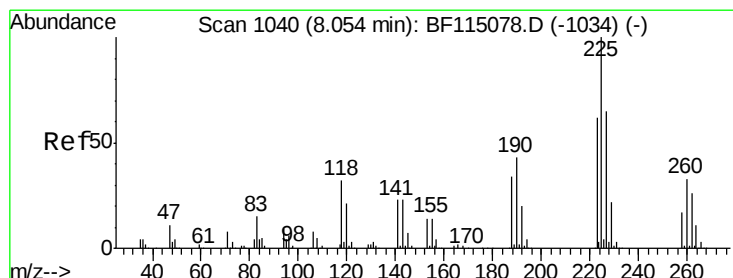
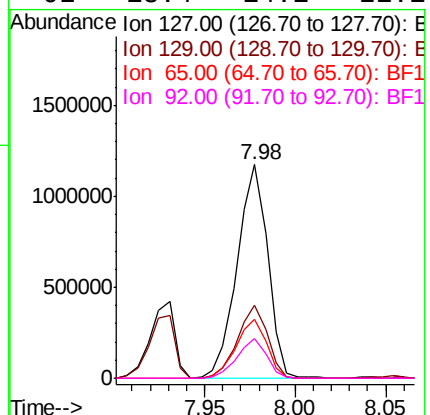
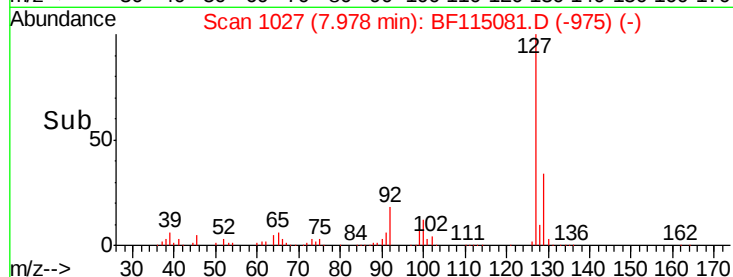
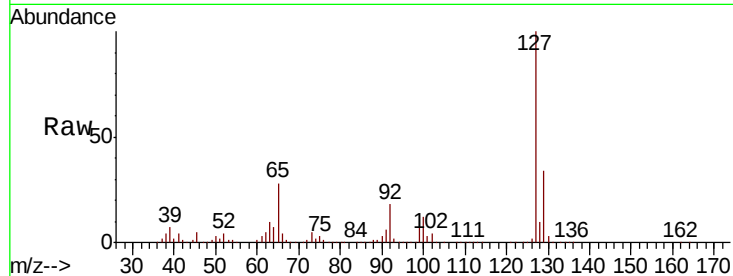




#33
4-Chloroaniline
Concen: 77.018 ng
RT: 7.98 min Scan# 1027
Delta R.T. 0.01 min
Lab File: BF115081.D
Acq: 21 Jun 2019 15:59

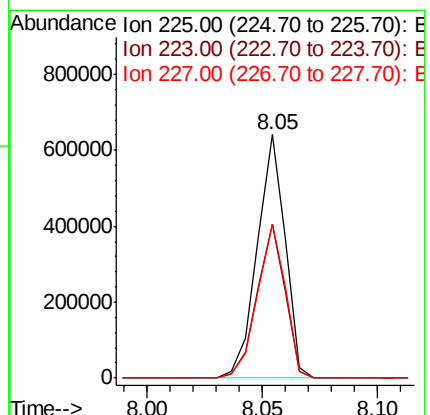
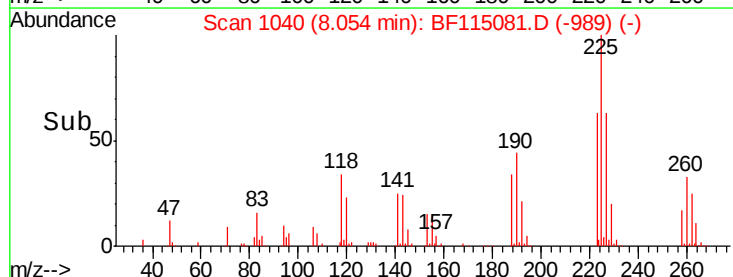
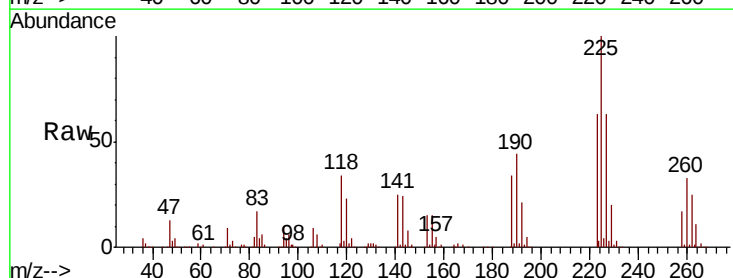
Instrument :
BNA_F
ClientSampleId :

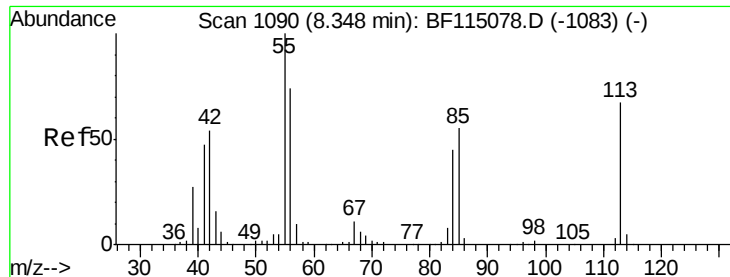
Tot Ion:127 Resp: 1376518
Ion Ratio Lower Upper
127 100
129 33.9 26.1 39.1
65 27.7 21.4 32.2
92 18.4 14.1 21.1



#34
Hexachlorobutadiene
Concen: 71.710 ng
RT: 8.05 min Scan# 1040
Delta R.T. 0.00 min
Lab File: BF115081.D
Acq: 21 Jun 2019 15:59

Tgt Ion:225 Resp: 541157
Ion Ratio Lower Upper
225 100
223 63.2 49.4 74.2
227 63.5 51.8 77.8

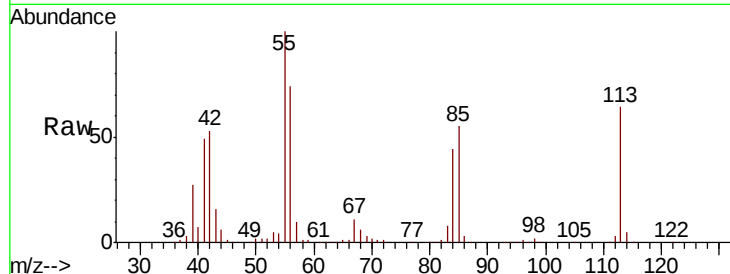




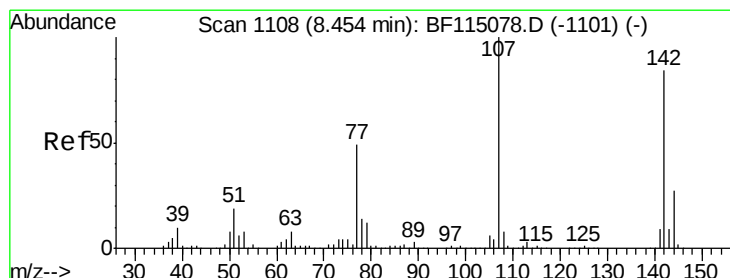
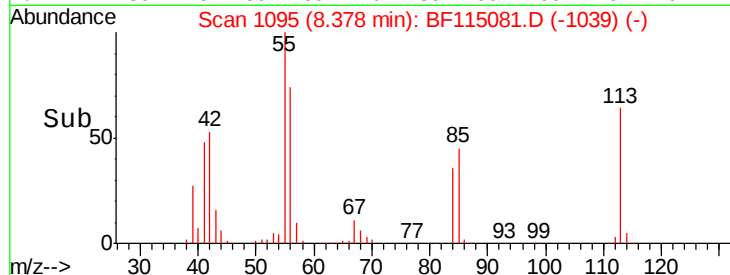
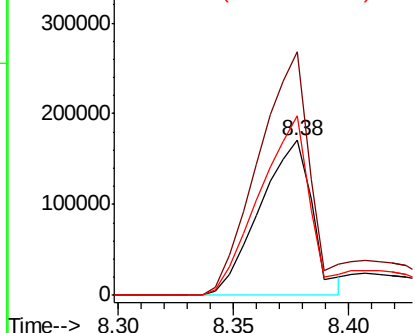
#35
Caprolactam
Concen: 68.749 ng
RT: 8.38 min Scan# 1095
Delta R.T. 0.03 min
Lab File: BF115081.D
Acq: 21 Jun 2019 15:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion:113 Resp: 269047
Ion Ratio Lower Upper
113 100
55 156.9 130.2 170.2
56 116.1 91.6 131.6

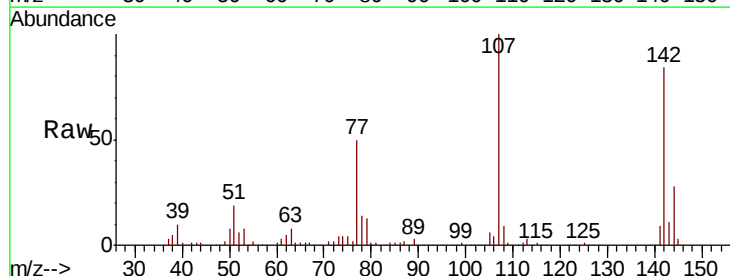


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

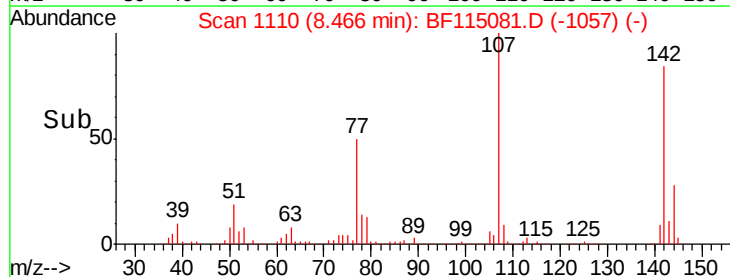
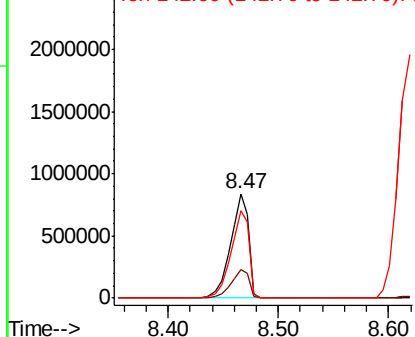


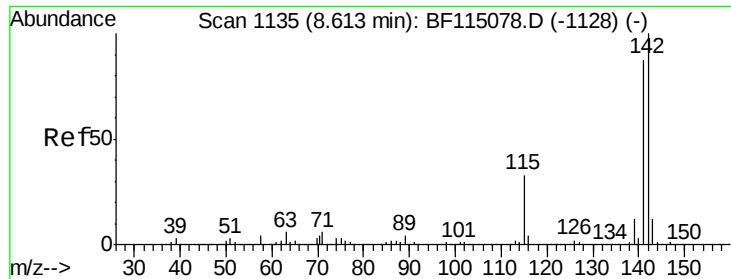
#36
4-Chloro-3-methylphenol
Concen: 79.828 ng
RT: 8.47 min Scan# 1110
Delta R.T. 0.01 min
Lab File: BF115081.D
Acq: 21 Jun 2019 15:59

Tgt Ion:107 Resp: 945239
Ion Ratio Lower Upper
107 100
144 27.8 21.7 32.5
142 84.1 67.0 100.4



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E

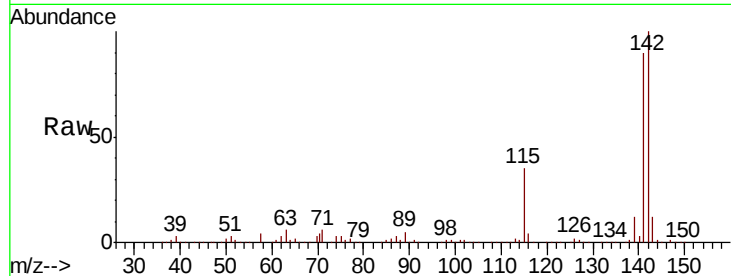




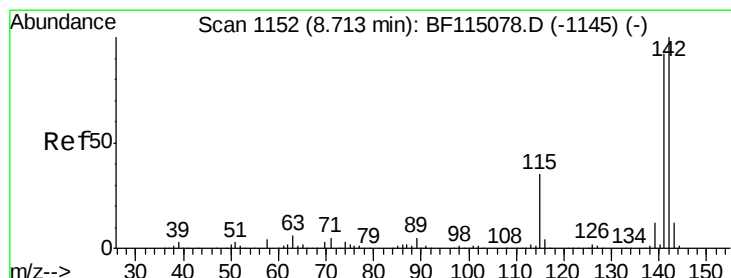
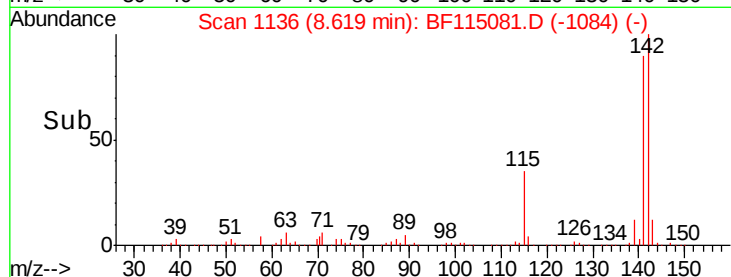
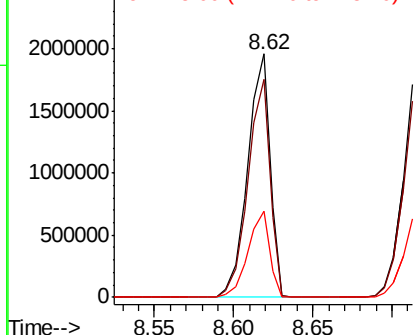
#37
2-Methylnaphthalene
Concen: 73.882 ng
RT: 8.62 min Scan# 1136
Delta R.T. 0.01 min
Lab File: BF115081.D
Acq: 21 Jun 2019 15:59

Instrument :
BNA_F
ClientSampled :

Tot Ion:142 Resp: 1907963
Ion Ratio Lower Upper
142 100
141 89.7 69.8 104.6
115 35.4 26.7 40.1

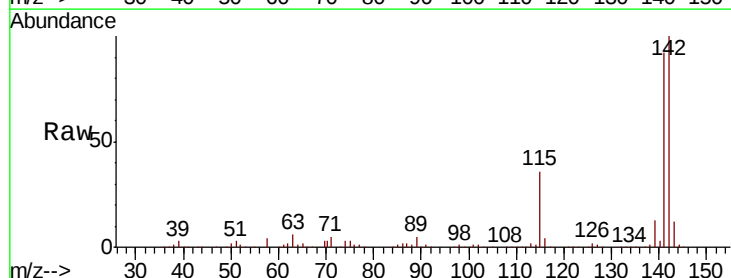


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

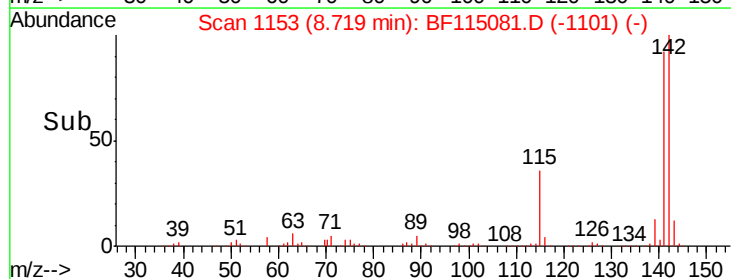
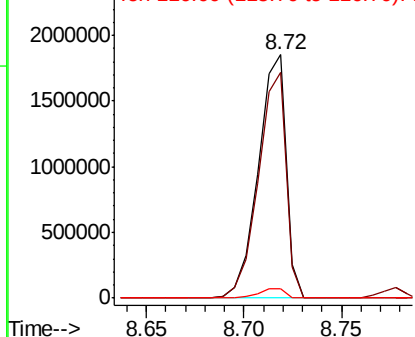


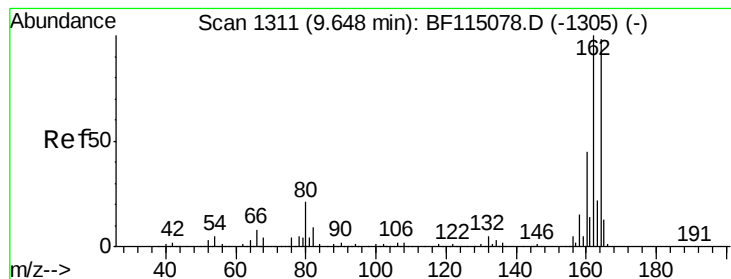
#38
1-Methylnaphthalene
Concen: 75.069 ng
RT: 8.72 min Scan# 1153
Delta R.T. 0.01 min
Lab File: BF115081.D
Acq: 21 Jun 2019 15:59

Tgt Ion:142 Resp: 1832247
Ion Ratio Lower Upper
142 100
141 92.5 73.8 110.8
116 3.6 2.8 4.2



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.65 min Scan# 1312

Delta R.T. 0.01 min

Lab File: BF115081.D

Acq: 21 Jun 2019 15:59

Instrument :

BNA_F

ClientSampleId :

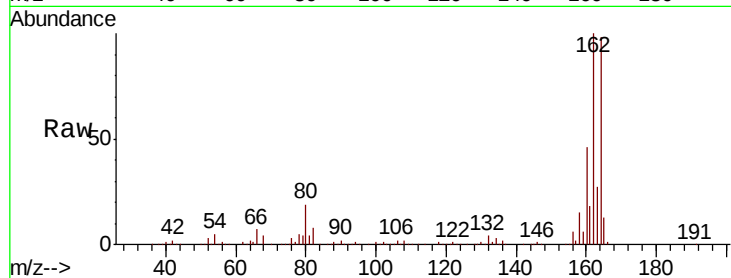
Tot Ion:164 Resp: 404516

Ion Ratio Lower Upper

164 100

162 101.6 81.7 122.5

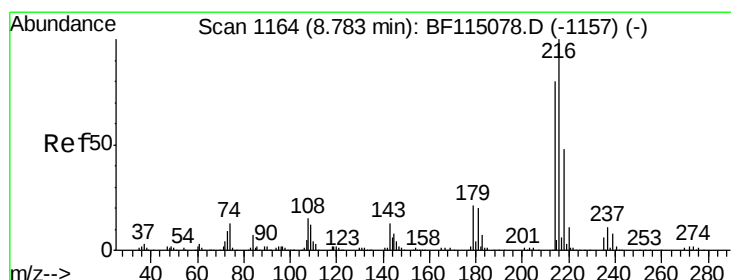
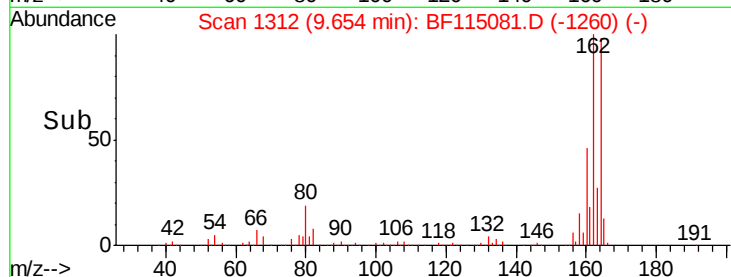
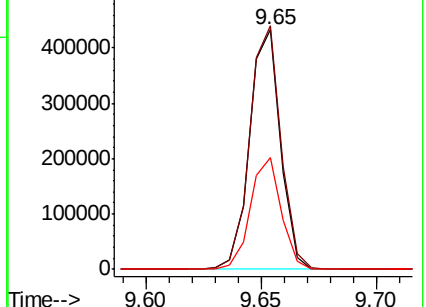
160 46.9 37.0 55.4



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 67.933 ng

RT: 8.78 min Scan# 1164

Delta R.T. 0.00 min

Lab File: BF115081.D

Acq: 21 Jun 2019 15:59

Tgt Ion:216 Resp: 811866

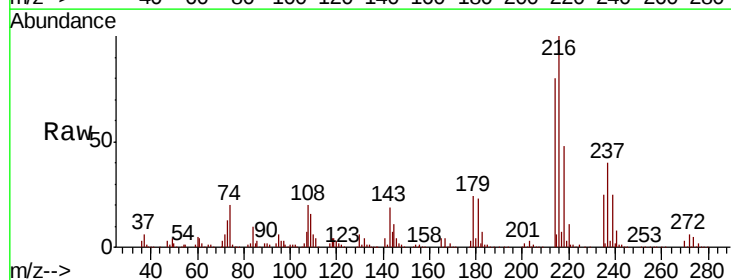
Ion Ratio Lower Upper

216 100

214 79.3 63.8 95.6

179 22.6 17.6 26.4

108 19.3 15.7 23.5

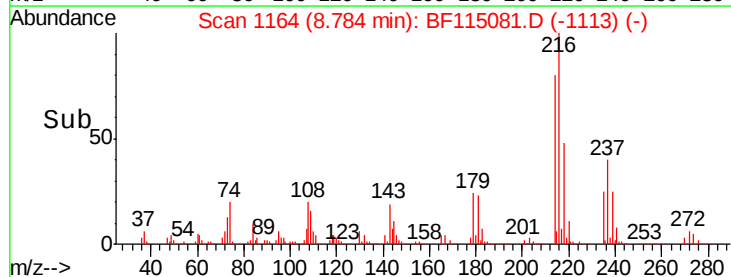
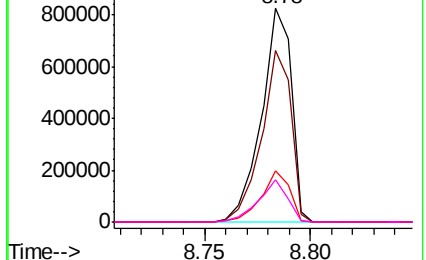


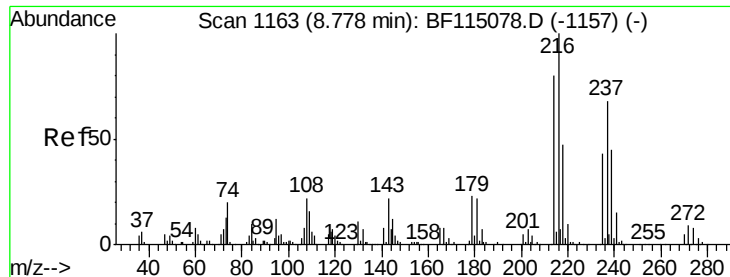
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 84.648 ng

RT: 8.78 min Scan# 1163

Delta R.T. 0.00 min

Lab File: BF115081.D

Acq: 21 Jun 2019 15:59

Instrument :

BNA_F

ClientSampleId :

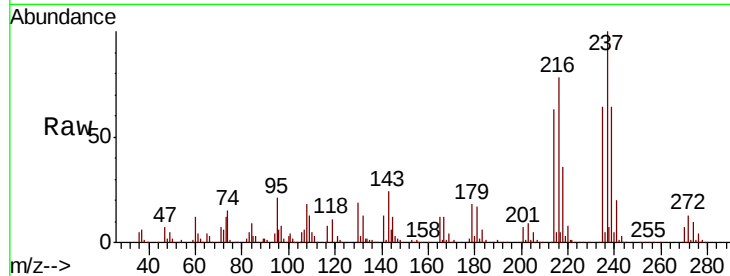
Tot Ion:237 Resp: 498486

Ion Ratio Lower Upper

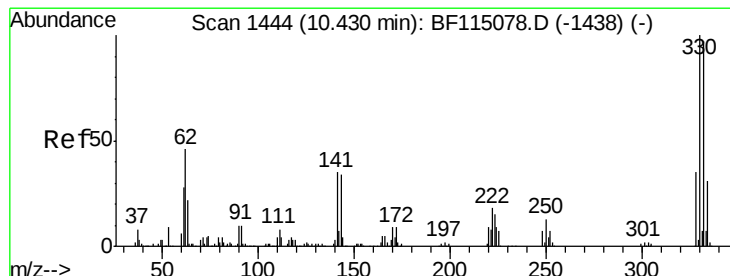
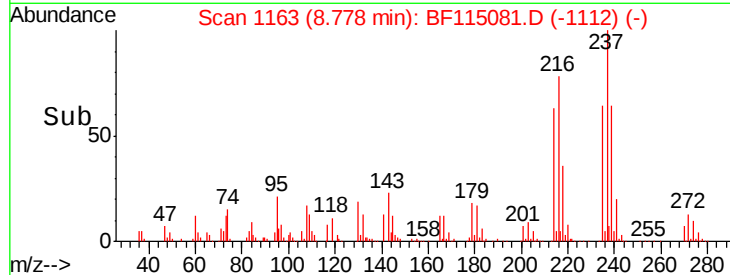
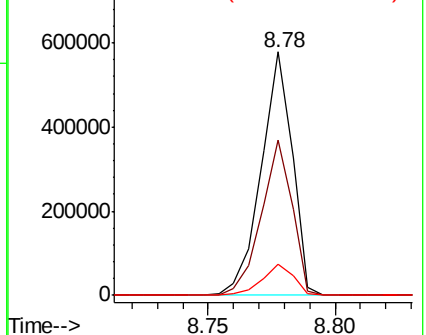
237 100

235 63.8 43.9 83.9

272 13.0 0.0 33.8



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 145.407 ng

RT: 10.44 min Scan# 1445

Delta R.T. 0.01 min

Lab File: BF115081.D

Acq: 21 Jun 2019 15:59

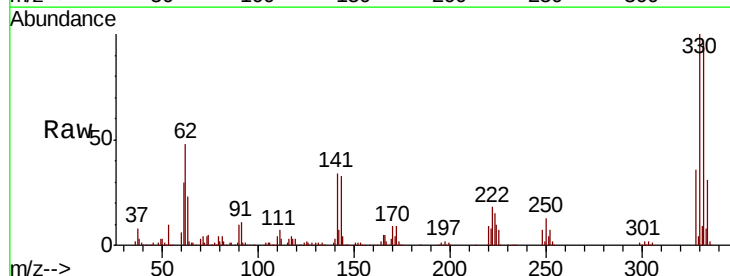
Tgt Ion:330 Resp: 629875

Ion Ratio Lower Upper

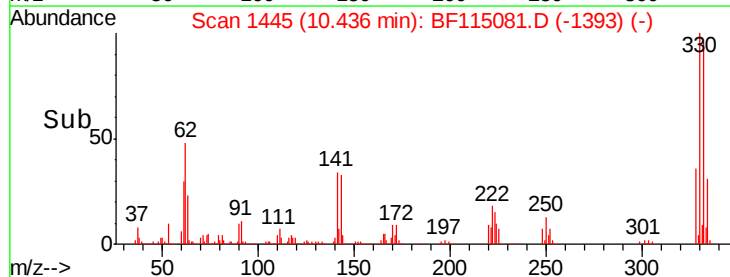
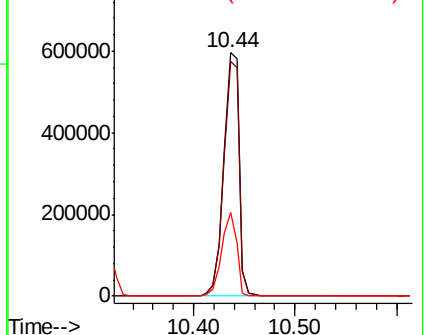
330 100

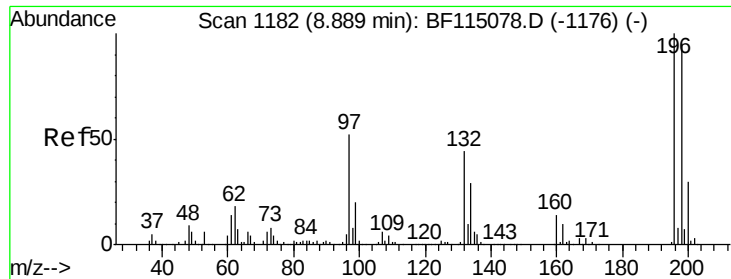
332 96.5 77.3 115.9

141 33.7 28.2 42.2



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

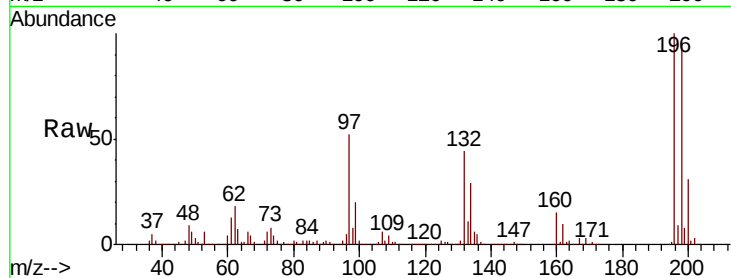




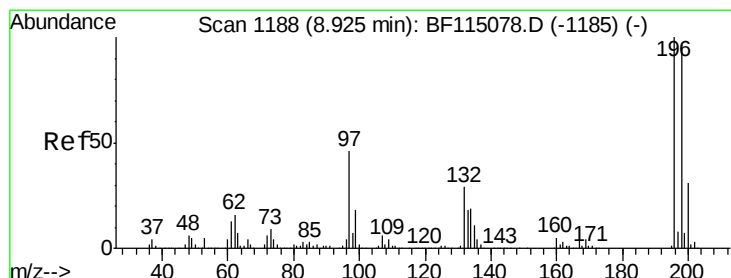
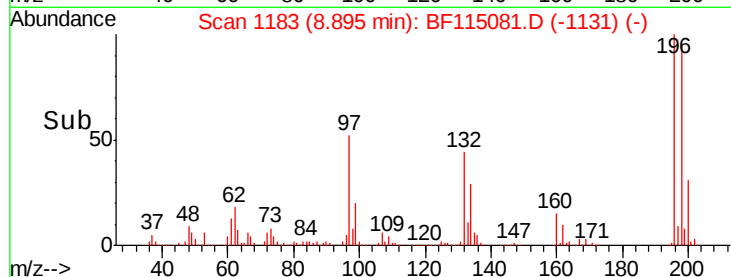
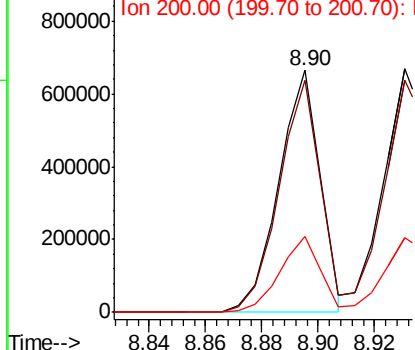
#43
 2,4,6-Trichlorophenol
 Concen: 75.561 ng
 RT: 8.90 min Scan# 1183
 Delta R.T. 0.01 min
 Lab File: BF115081.D
 Acq: 21 Jun 2019 15:59

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 674475
 Ion Ratio Lower Upper
 196 100
 198 95.7 76.3 114.5
 200 31.1 24.2 36.4

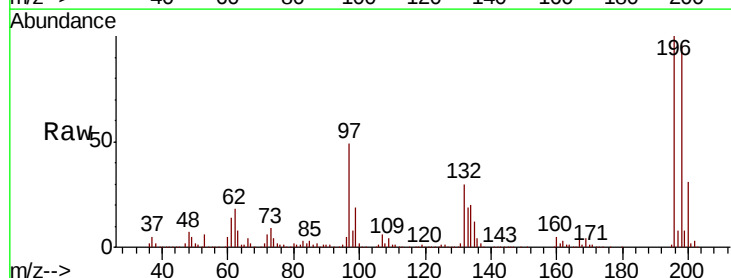


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

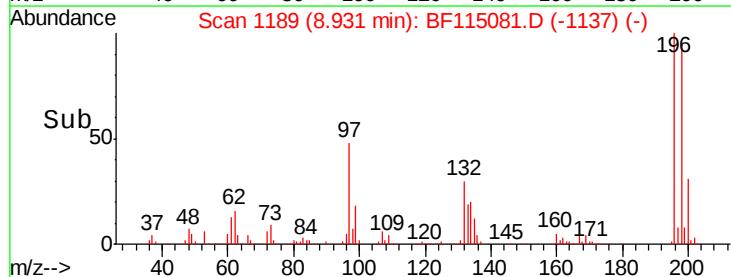
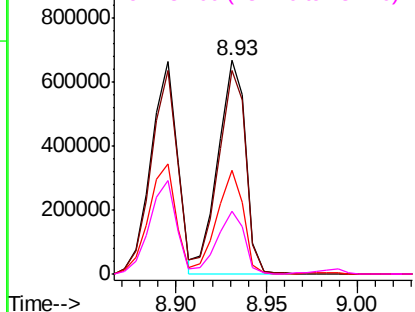


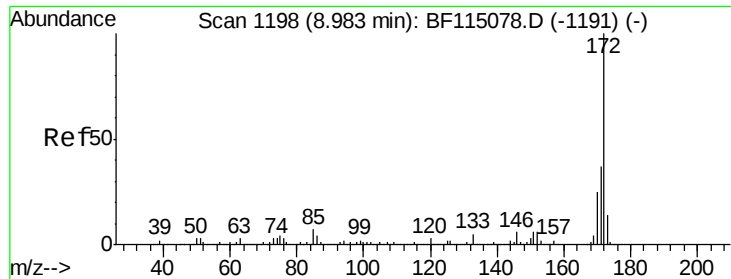
#44
 2,4,5-Trichlorophenol
 Concen: 78.273 ng
 RT: 8.93 min Scan# 1189
 Delta R.T. 0.01 min
 Lab File: BF115081.D
 Acq: 21 Jun 2019 15:59

Tgt Ion:196 Resp: 706086
 Ion Ratio Lower Upper
 196 100
 198 95.5 77.1 115.7
 97 48.5 37.7 56.5
 132 29.7 23.1 34.7



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

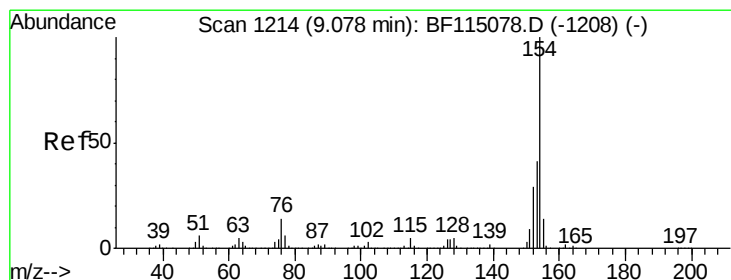
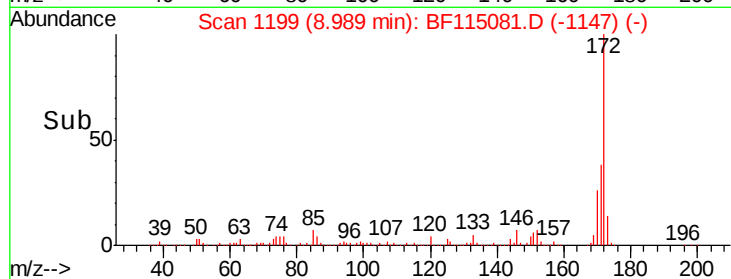
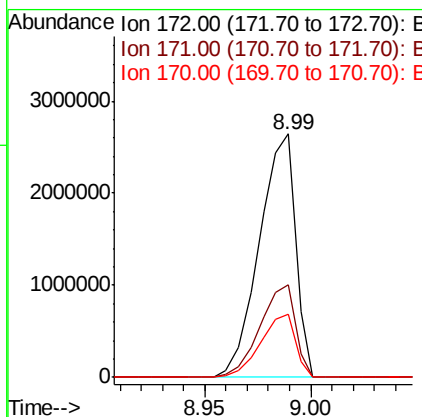
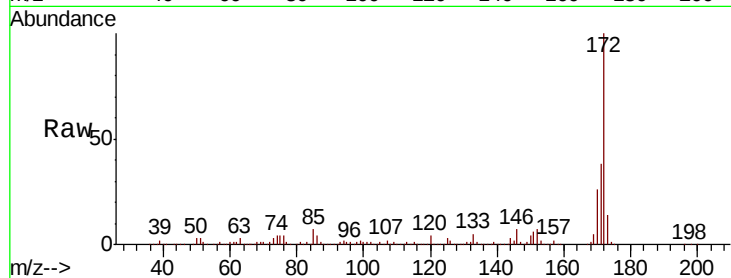




#45
 2-Fluorobiphenyl
 Concen: 132.071 ng
 RT: 8.99 min Scan# 1199
 Delta R.T. 0.01 min
 Lab File: BF115081.D
 Acq: 21 Jun 2019 15:59

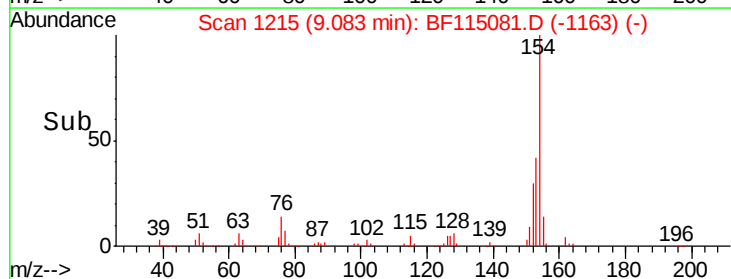
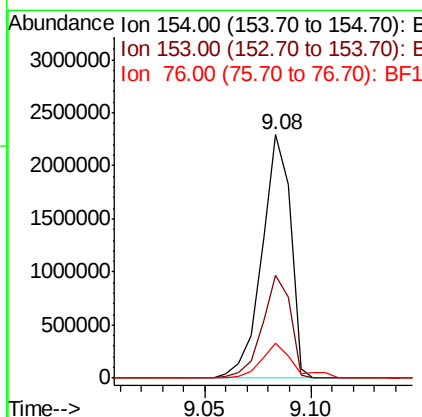
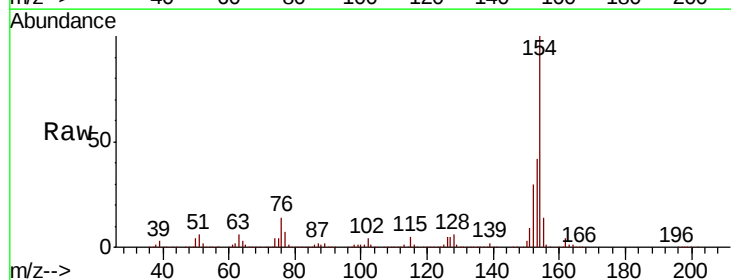
Instrument :
 BNA_F
 ClientSampleId :

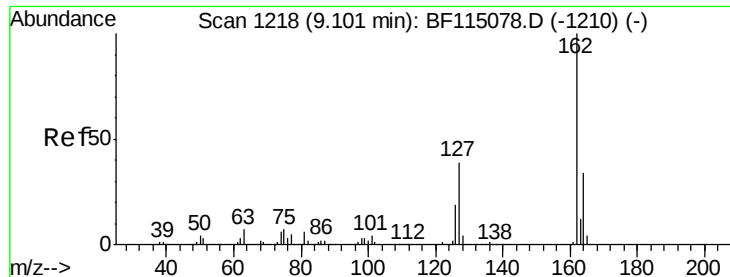
Tot Ion:172 Resp: 3152222
 Ion Ratio Lower Upper
 172 100
 171 37.9 29.8 44.6
 170 25.8 20.3 30.5



#46
 1,1'-Biphenyl
 Concen: 66.740 ng
 RT: 9.08 min Scan# 1215
 Delta R.T. 0.01 min
 Lab File: BF115081.D
 Acq: 21 Jun 2019 15:59

Tgt Ion:154 Resp: 2163416
 Ion Ratio Lower Upper
 154 100
 153 42.4 20.9 60.9
 76 14.2 0.0 34.1

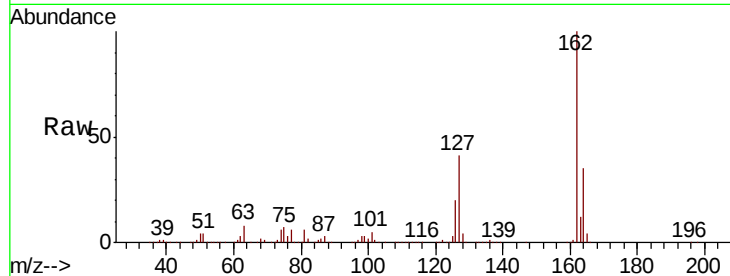




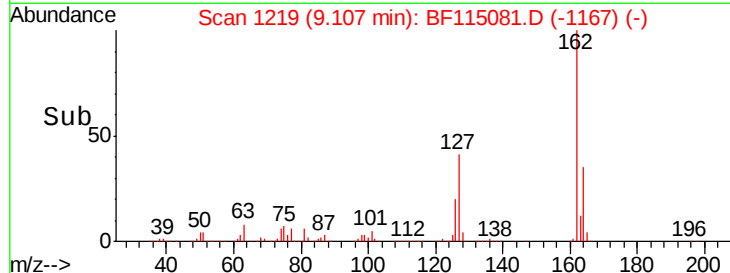
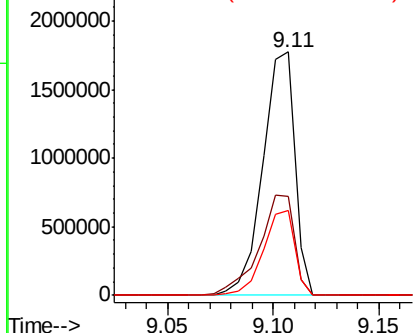
#47
2-Chloronaphthalene
Concen: 71.693 ng
RT: 9.11 min Scan# 1219
Delta R.T. 0.01 min
Lab File: BF115081.D
Acq: 21 Jun 2019 15:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion:162 Resp: 1879278
Ion Ratio Lower Upper
162 100
127 40.9 30.8 46.2
164 34.8 27.0 40.4

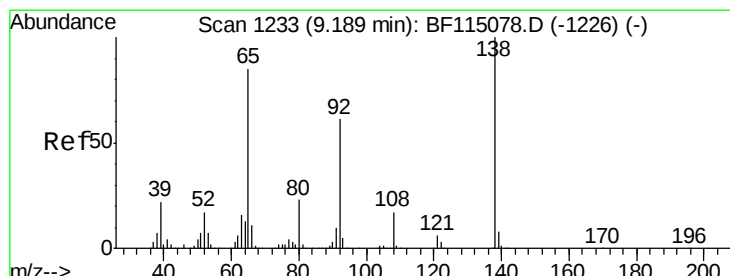


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

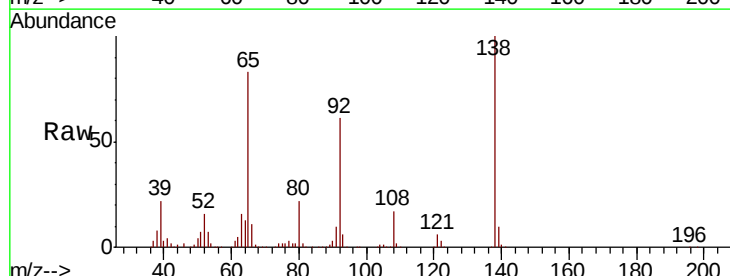
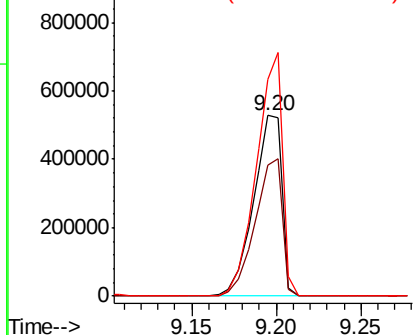


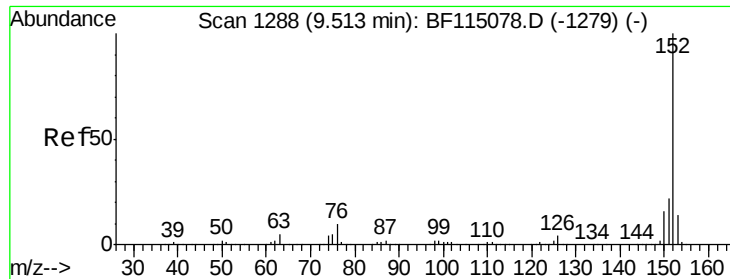
#48
2-Nitroaniline
Concen: 79.157 ng
RT: 9.20 min Scan# 1234
Delta R.T. 0.01 min
Lab File: BF115081.D
Acq: 21 Jun 2019 15:59

Tgt Ion: 65 Resp: 613292
Ion Ratio Lower Upper
65 100
92 72.9 57.4 86.2
138 120.3 94.1 141.1



Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 70.802 ng

RT: 9.52 min Scan# 1289

Delta R.T. 0.01 min

Lab File: BF115081.D

Acq: 21 Jun 2019 15:59

Instrument :

BNA_F

ClientSampleId :

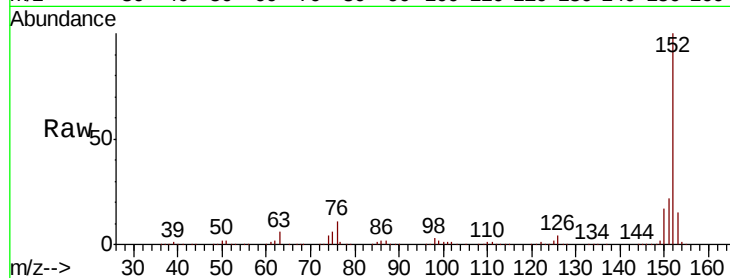
Tot Ion:152 Resp: 2853507

Ion Ratio Lower Upper

152 100

151 22.3 17.2 25.8

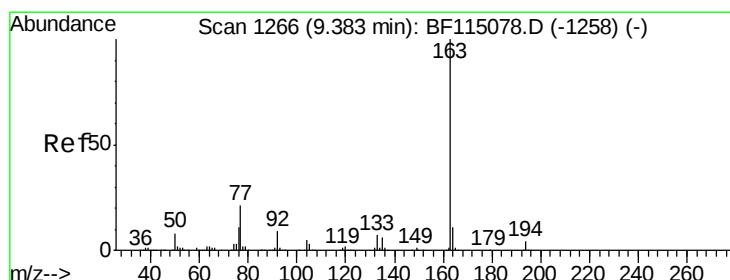
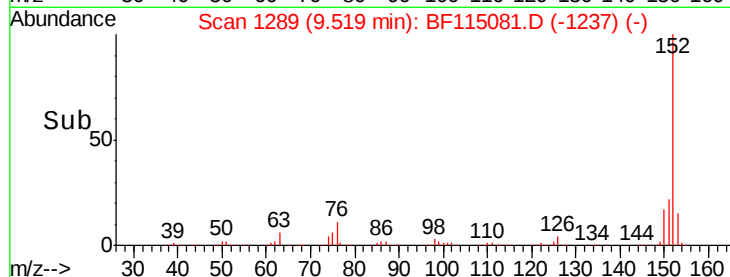
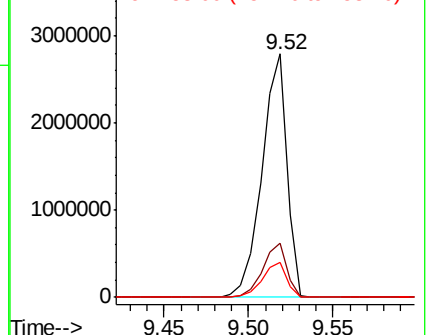
153 14.6 11.0 16.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 71.008 ng

RT: 9.40 min Scan# 1268

Delta R.T. 0.01 min

Lab File: BF115081.D

Acq: 21 Jun 2019 15:59

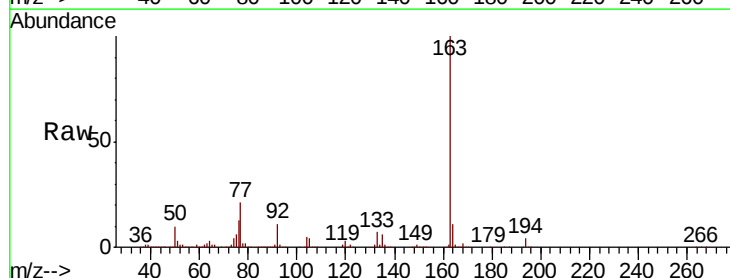
Tgt Ion:163 Resp: 2160150

Ion Ratio Lower Upper

163 100

194 4.2 3.2 4.8

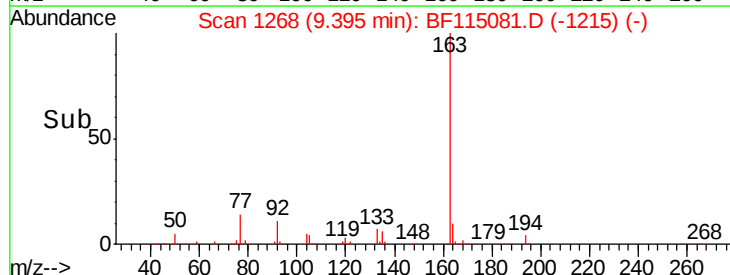
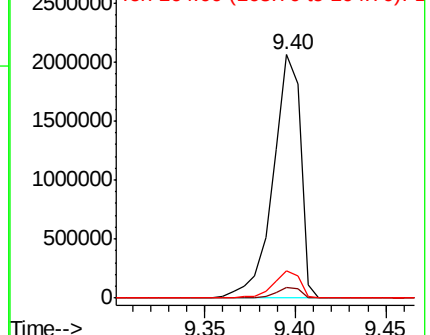
164 11.1 8.6 13.0

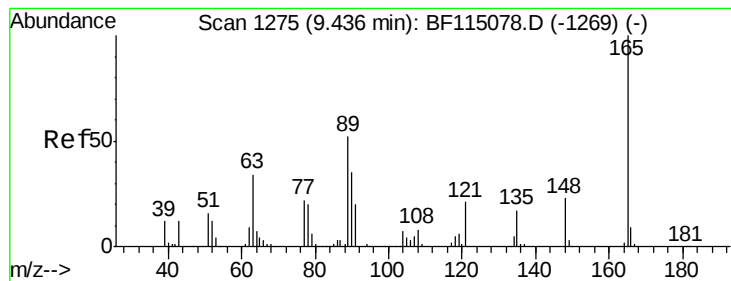


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 78.435 ng

RT: 9.45 min Scan# 1277

Delta R.T. 0.01 min

Lab File: BF115081.D

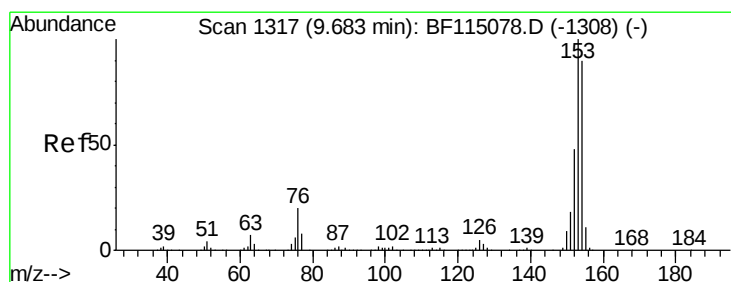
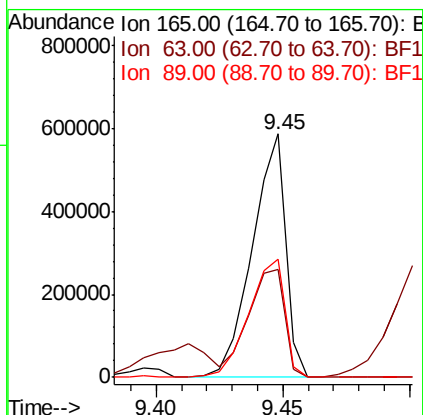
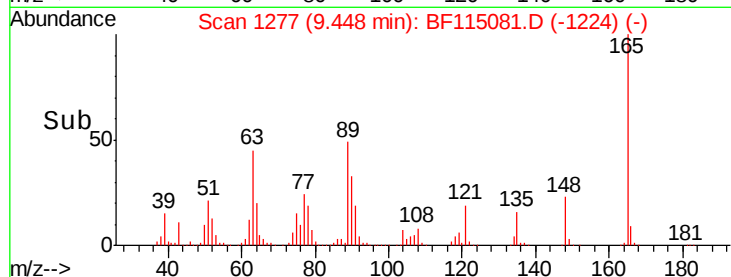
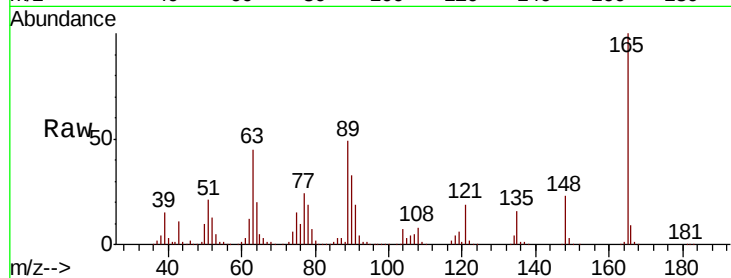
Acq: 21 Jun 2019 15:59

Instrument :

BNA_F

ClientSampleId :

Tot Ion:165	Resp:	541255
Ion Ratio	Lower	Upper
165	100	
63	44.5	39.4 59.2
89	48.7	42.0 63.0



#52

Acenaphthene

Concen: 79.648 ng

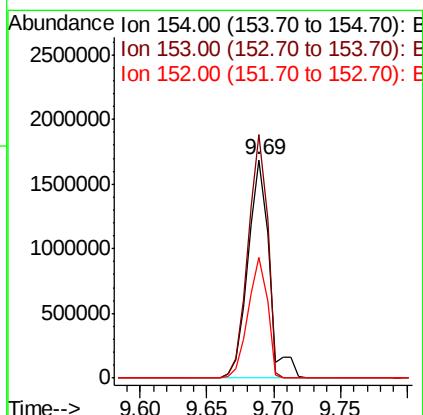
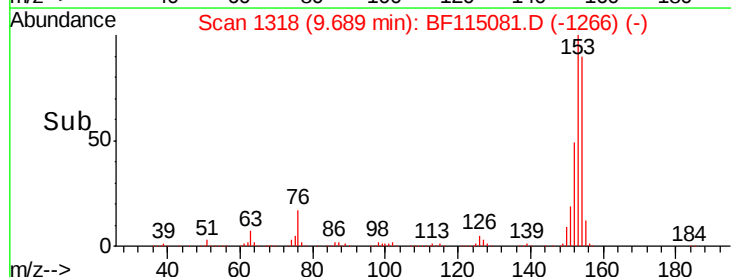
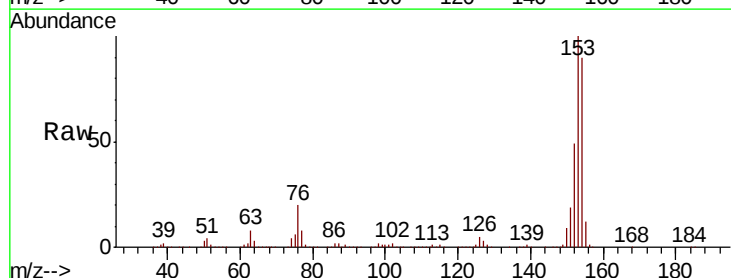
RT: 9.69 min Scan# 1318

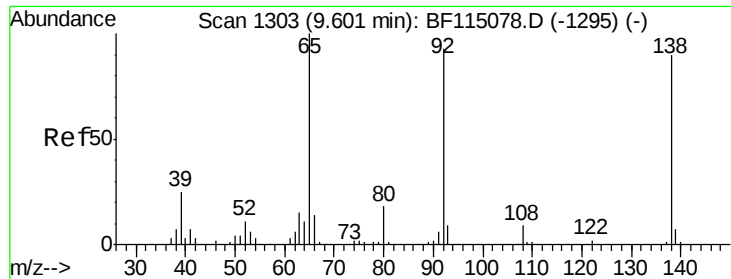
Delta R.T. 0.01 min

Lab File: BF115081.D

Acq: 21 Jun 2019 15:59

Tgt Ion:154	Resp:	1836556
Ion Ratio	Lower	Upper
154	100	
153	111.5	88.7 133.1
152	55.1	42.6 64.0

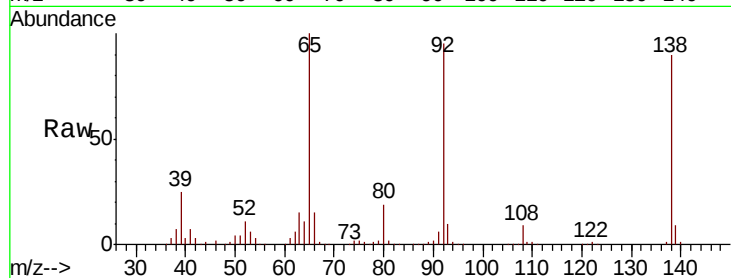




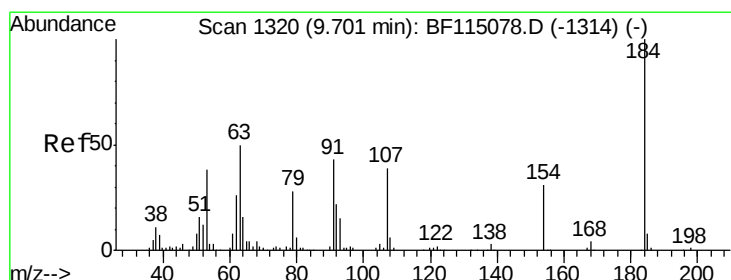
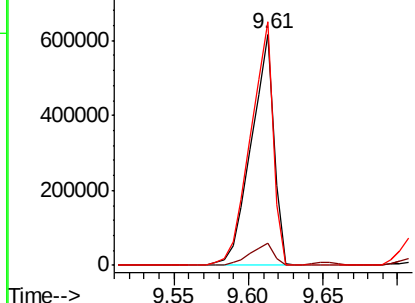
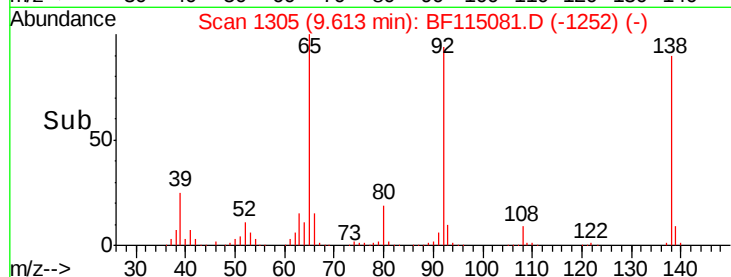
#53
 3-Nitroaniline
 Concen: 76.468 ng
 RT: 9.61 min Scan# 1305
 Delta R.T. 0.01 min
 Lab File: BF115081.D
 Acq: 21 Jun 2019 15:59

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:138 Resp: 646518
 Ion Ratio Lower Upper
 138 100
 108 9.7 7.8 11.6
 92 105.3 82.9 124.3

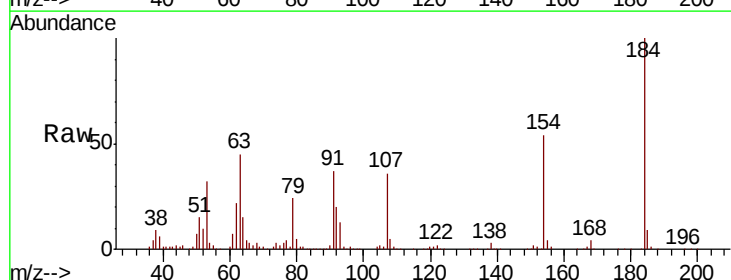


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BF1

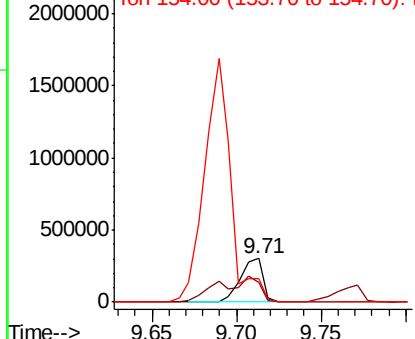
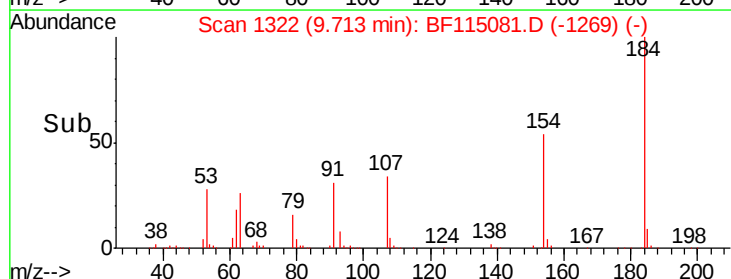


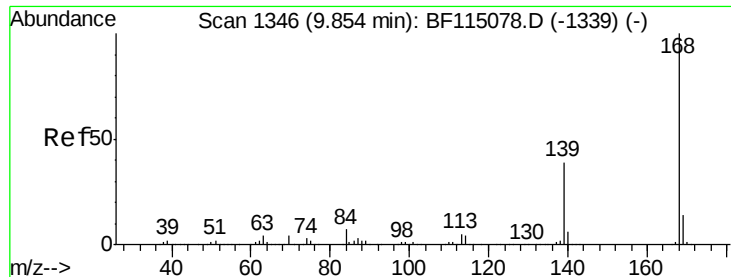
#54
 2,4-Dinitrophenol
 Concen: 85.155 ng
 RT: 9.71 min Scan# 1322
 Delta R.T. 0.01 min
 Lab File: BF115081.D
 Acq: 21 Jun 2019 15:59

Tgt Ion:184 Resp: 285027
 Ion Ratio Lower Upper
 184 100
 63 45.3 41.9 62.9
 154 53.6 44.7 67.1



Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 154.00 (153.70 to 154.70): E

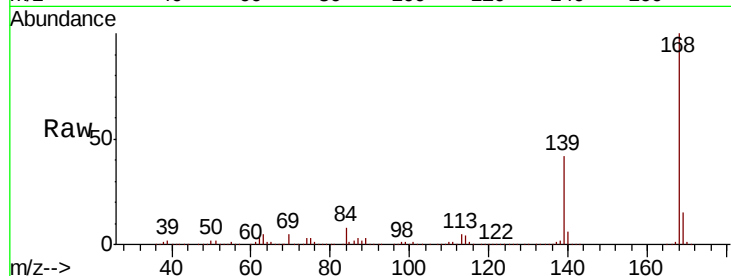




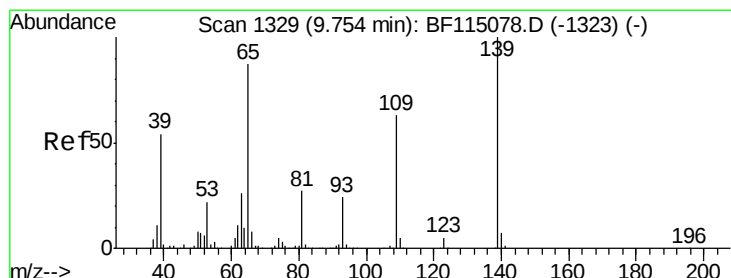
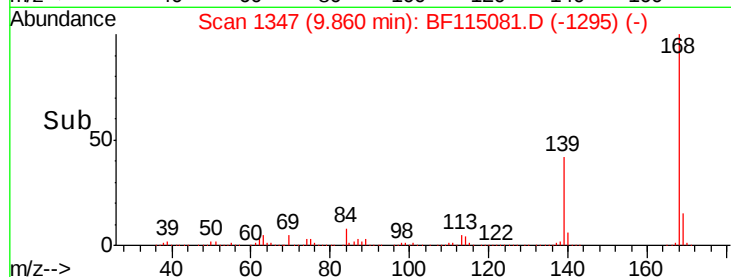
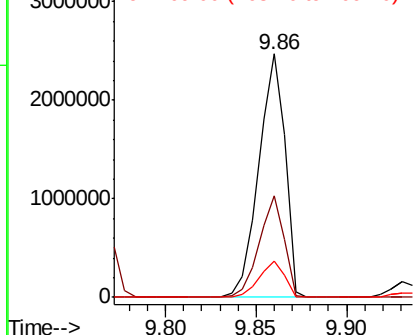
#55
Dibenzofuran
Concen: 71.472 ng
RT: 9.86 min Scan# 1347
Delta R.T. 0.01 min
Lab File: BF115081.D
Acq: 21 Jun 2019 15:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 2483771
Ion Ratio Lower Upper
168 100
139 42.0 31.1 46.7
169 15.1 11.3 16.9

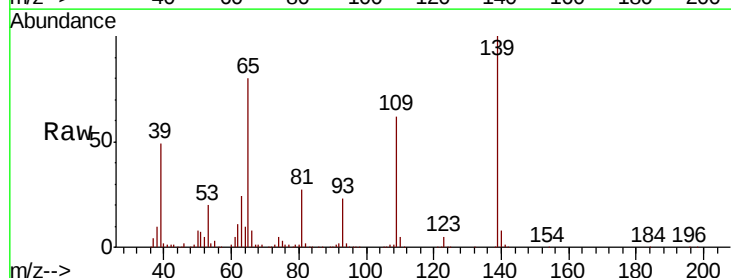


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

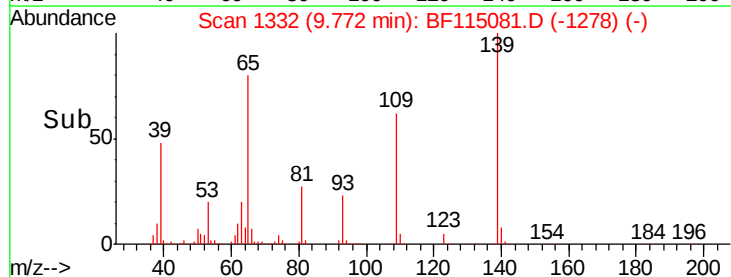
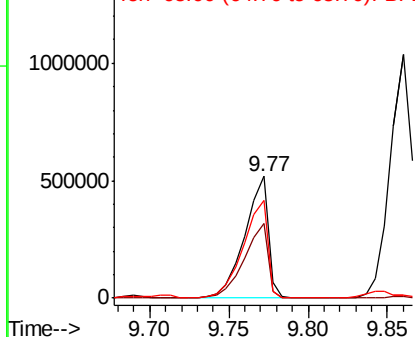


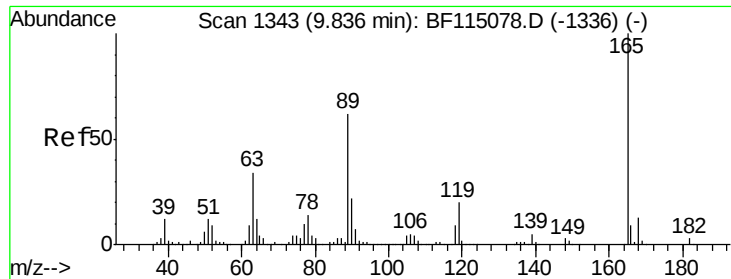
#56
4-Nitrophenol
Concen: 90.817 ng
RT: 9.77 min Scan# 1332
Delta R.T. 0.02 min
Lab File: BF115081.D
Acq: 21 Jun 2019 15:59

Tgt Ion:139 Resp: 529498
Ion Ratio Lower Upper
139 100
109 61.7 43.0 83.0
65 80.1 67.0 107.0



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

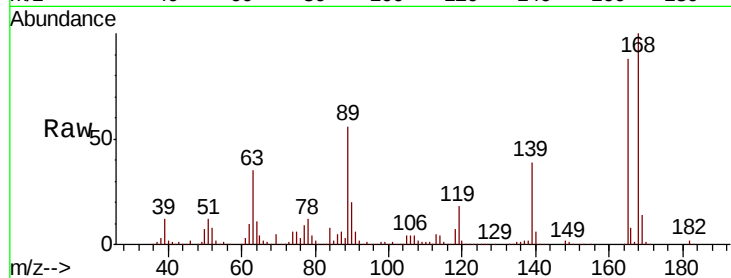




#57
2,4-Dinitrotoluene
Concen: 80.028 ng
RT: 9.85 min Scan# 1345
Delta R.T. 0.01 min
Lab File: BF115081.D
Acq: 21 Jun 2019 15:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	39.6	27.5	41.3
89	64.0	49.9	74.9
182	2.7	2.1	3.1



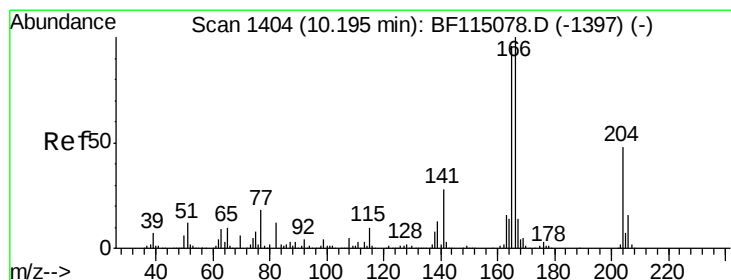
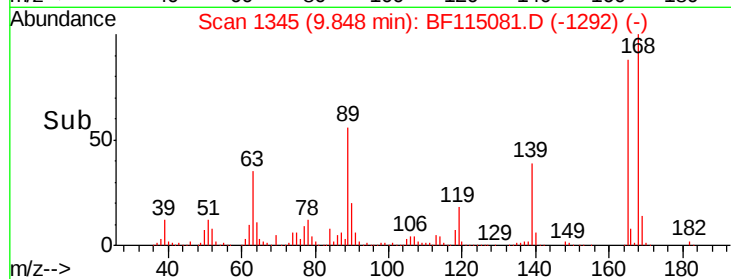
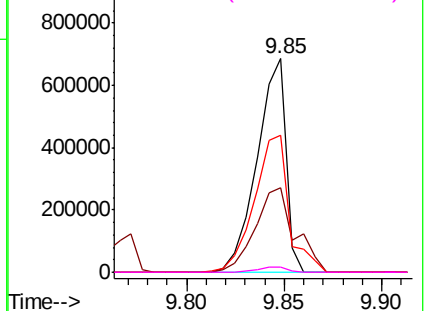
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

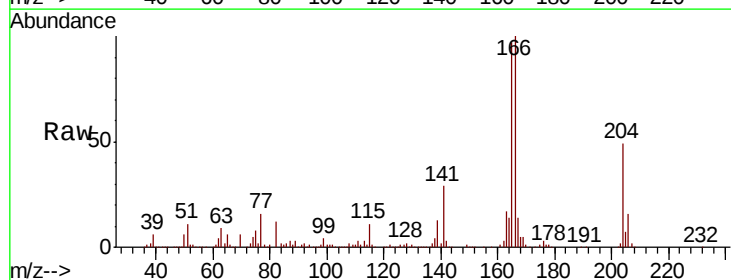
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 65.185 ng
RT: 10.20 min Scan# 1405
Delta R.T. 0.01 min
Lab File: BF115081.D
Acq: 21 Jun 2019 15:59

Tgt Ion	Ratio	Lower	Upper
166	100		
165	96.9	76.5	114.7
167	13.7	11.0	16.4

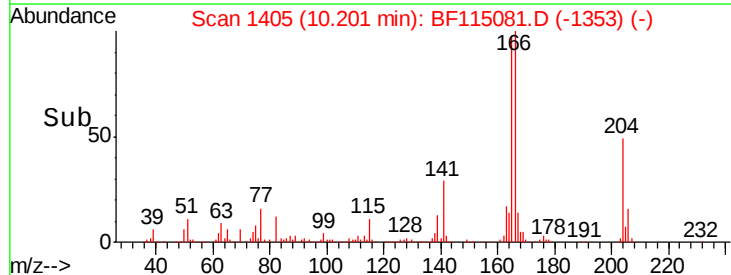
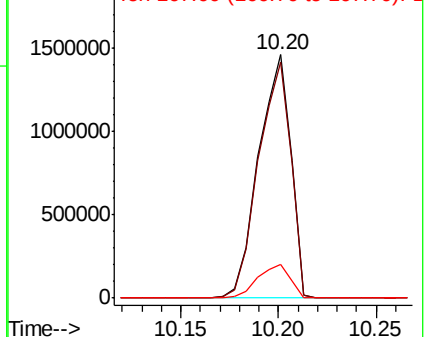


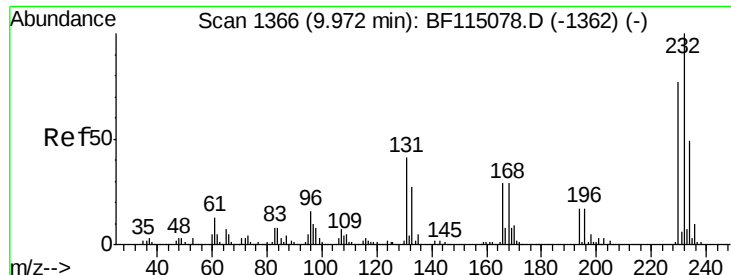
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

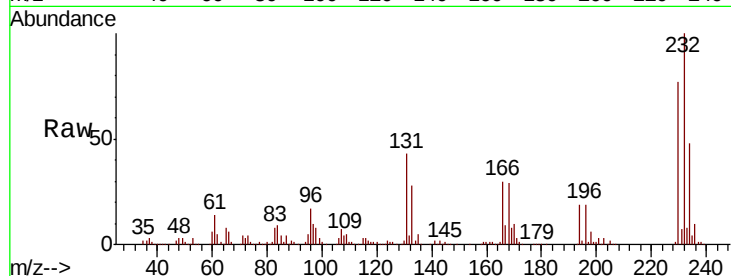




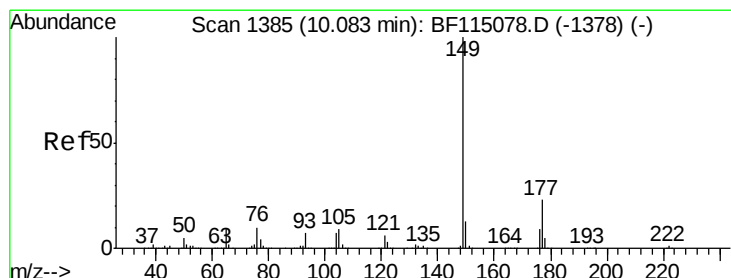
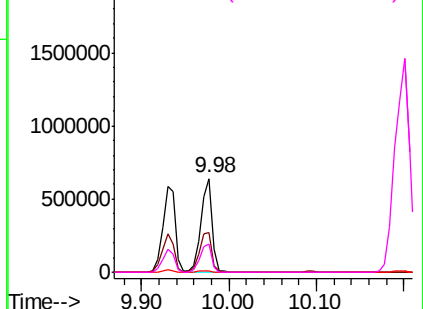
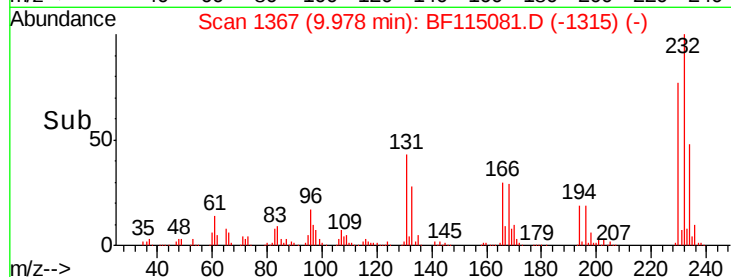
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 78.334 ng
 RT: 9.98 min Scan# 1367
 Delta R.T. 0.01 min
 Lab File: BF115081.D
 Acq: 21 Jun 2019 15:59

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:232 Resp: 570787
 Ion Ratio Lower Upper
 232 100
 131 46.7 37.4 56.0
 130 2.2 1.8 2.6
 166 31.1 24.6 36.8

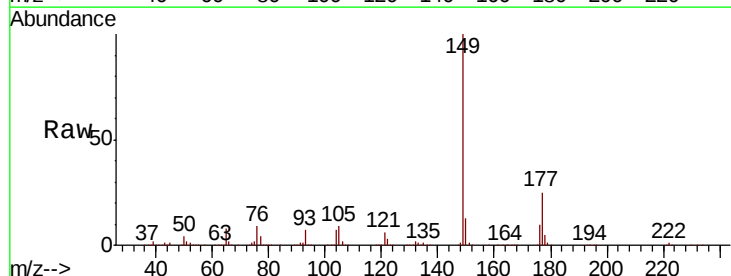


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

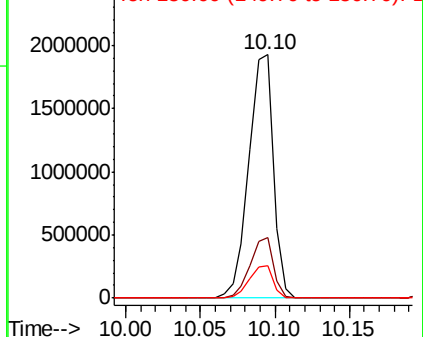
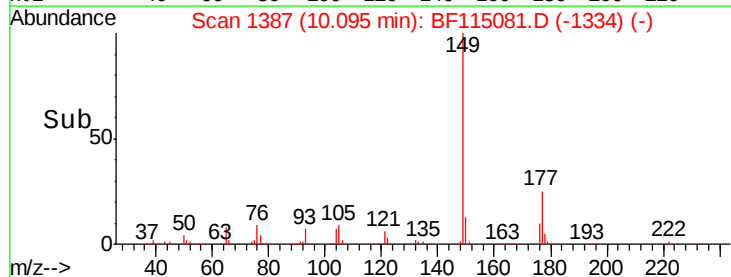


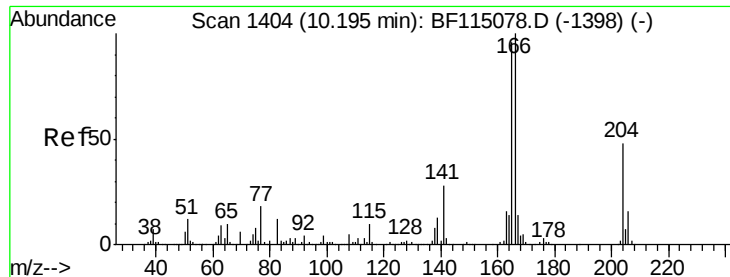
#60
 Diethylphthalate
 Concen: 75.367 ng
 RT: 10.10 min Scan# 1387
 Delta R.T. 0.01 min
 Lab File: BF115081.D
 Acq: 21 Jun 2019 15:59

Tgt Ion:149 Resp: 2192249
 Ion Ratio Lower Upper
 149 100
 177 24.6 18.7 28.1
 150 13.3 10.4 15.6



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E

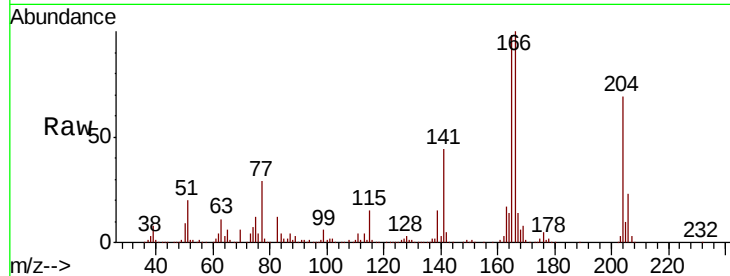




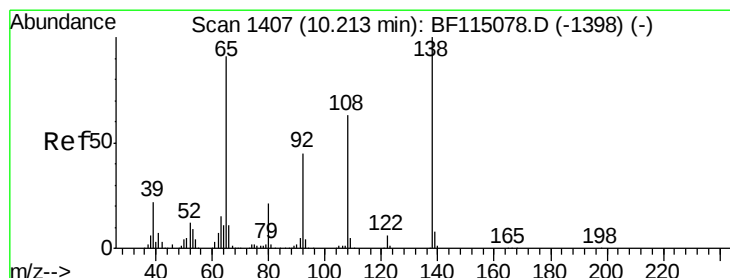
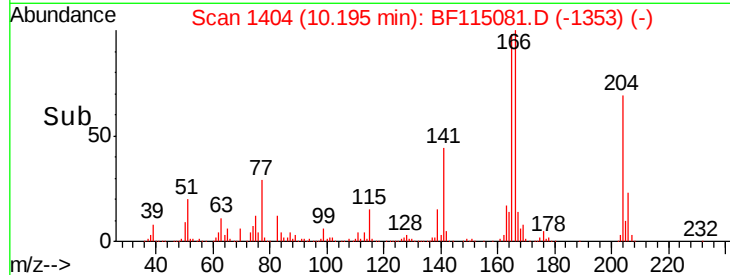
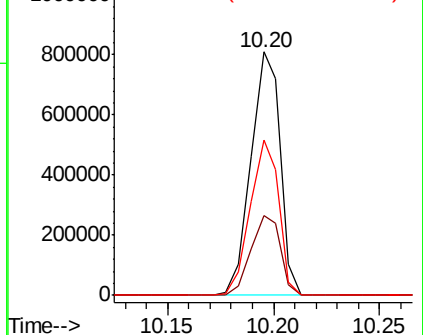
#61
4-Chlorophenyl-phenylether
Concen: 62.194 ng
RT: 10.20 min Scan# 1404
Delta R.T. 0.00 min
Lab File: BF115081.D
Acq: 21 Jun 2019 15:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion:204 Resp: 780297
Ion Ratio Lower Upper
204 100
206 32.9 26.6 40.0
141 64.0 46.7 70.1

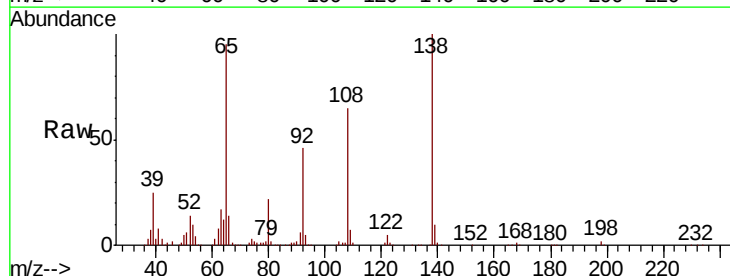


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

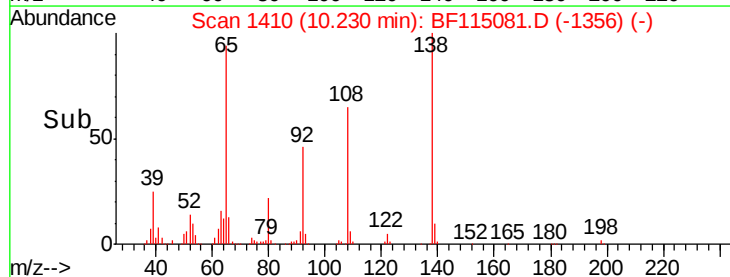
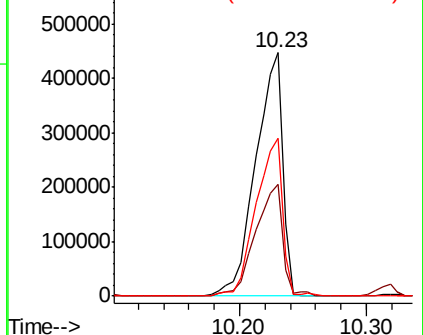


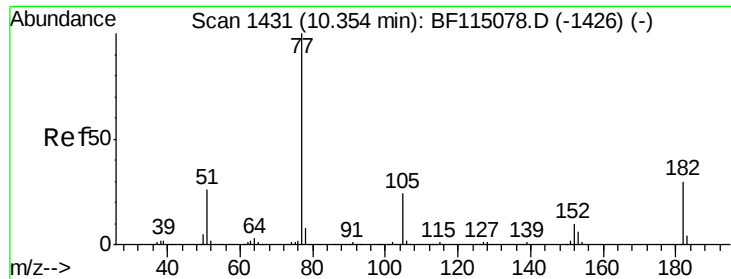
#62
4-Nitroaniline
Concen: 78.144 ng
RT: 10.23 min Scan# 1410
Delta R.T. 0.02 min
Lab File: BF115081.D
Acq: 21 Jun 2019 15:59

Tgt Ion:138 Resp: 664282
Ion Ratio Lower Upper
138 100
92 46.1 24.8 64.8
108 64.8 43.3 83.3



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF1
Ion 108.00 (107.70 to 108.70): E

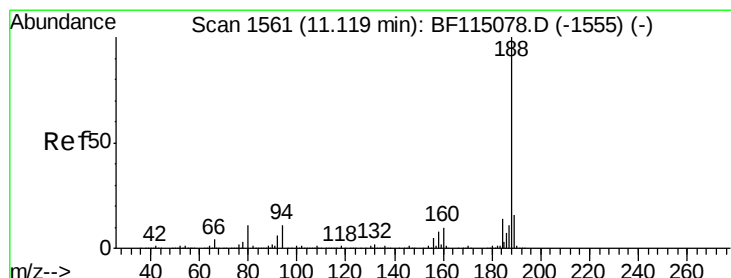
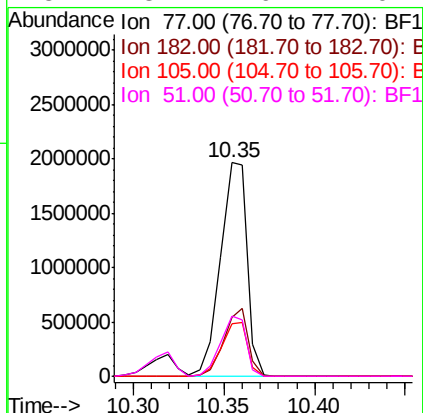
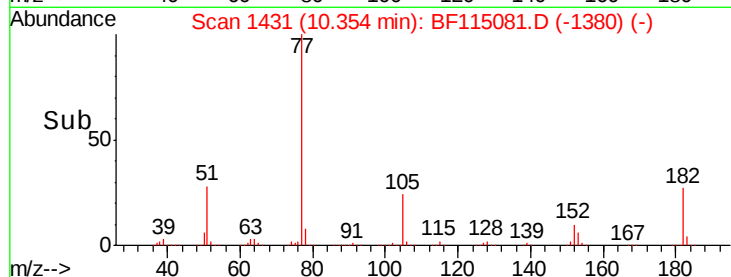
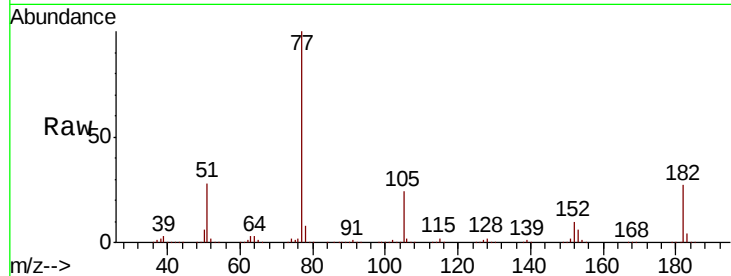




#63
Azobenzene
Concen: 78.714 ng
RT: 10.35 min Scan# 1431
Delta R.T. 0.00 min
Lab File: BF115081.D
Acq: 21 Jun 2019 15:59

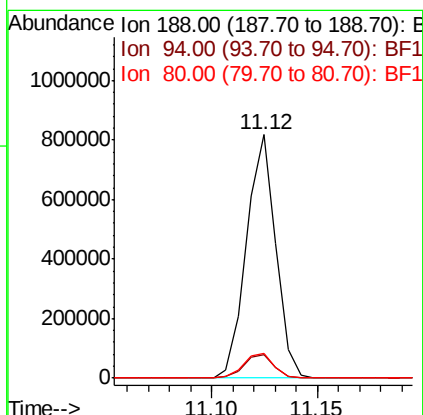
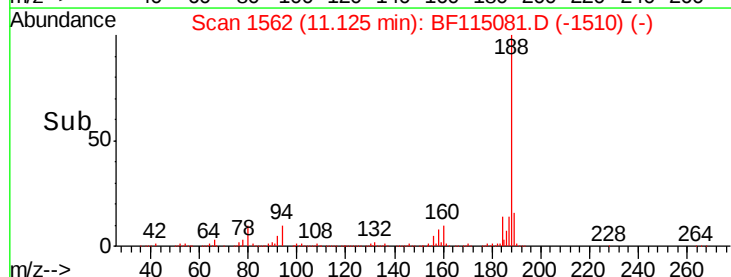
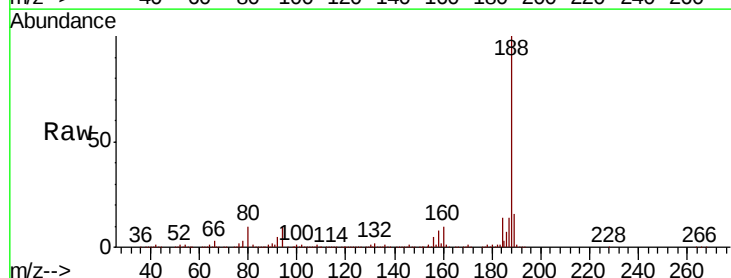
Instrument :
BNA_F
ClientSampled :

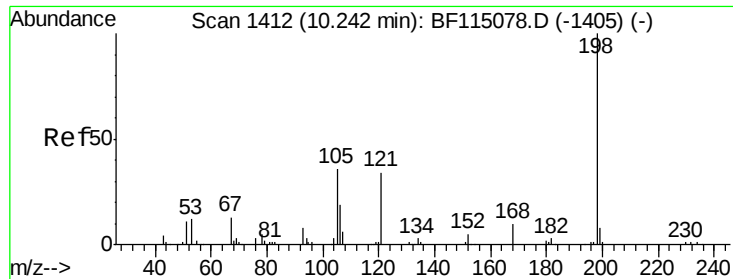
Tot Ion: 77 Resp: 2003050
Ion Ratio Lower Upper
77 100
182 27.4 10.1 50.1
105 24.4 4.5 44.5
51 28.1 6.4 46.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.12 min Scan# 1562
Delta R.T. 0.01 min
Lab File: BF115081.D
Acq: 21 Jun 2019 15:59

Tgt Ion: 188 Resp: 786477
Ion Ratio Lower Upper
188 100
94 9.8 8.6 12.8
80 10.2 8.8 13.2





#65

4,6-Dinitro-2-methylphenol

Concen: 80.359 ng

RT: 10.25 min Scan# 1414

Delta R.T. 0.01 min

Lab File: BF115081.D

Acq: 21 Jun 2019 15:59

Instrument :

BNA_F

ClientSampleId :

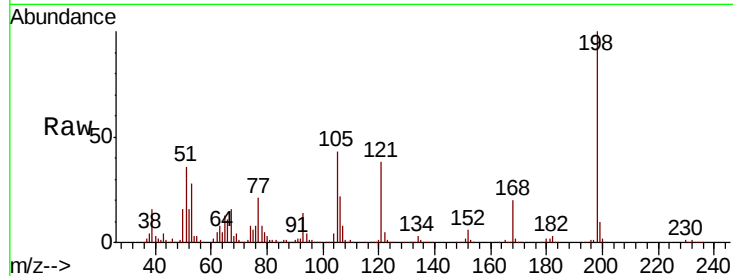
Tot Ion:198 Resp: 354227

Ion Ratio Lower Upper

198 100

51 36.3 11.0 51.0

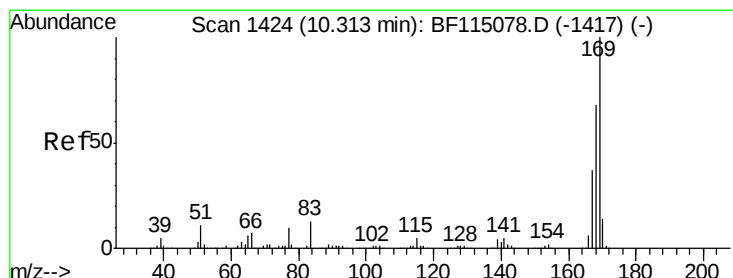
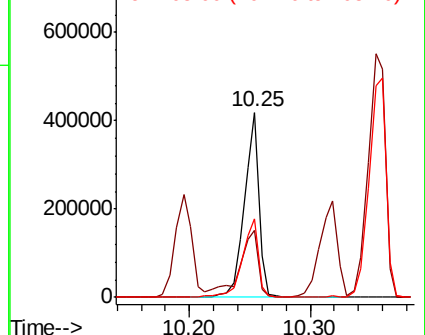
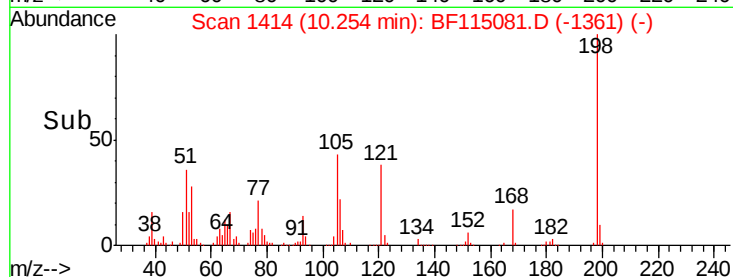
105 42.6 17.3 57.3



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 76.317 ng

RT: 10.32 min Scan# 1425

Delta R.T. 0.01 min

Lab File: BF115081.D

Acq: 21 Jun 2019 15:59

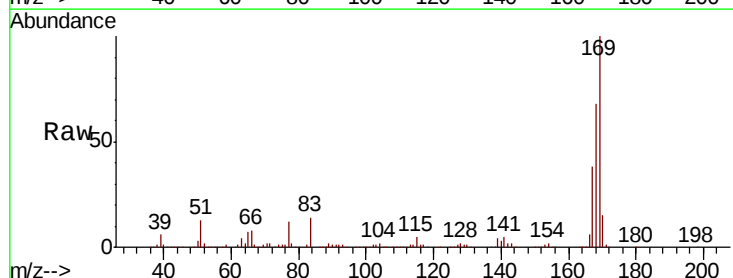
Tgt Ion:169 Resp: 1794155

Ion Ratio Lower Upper

169 100

168 68.1 54.2 81.4

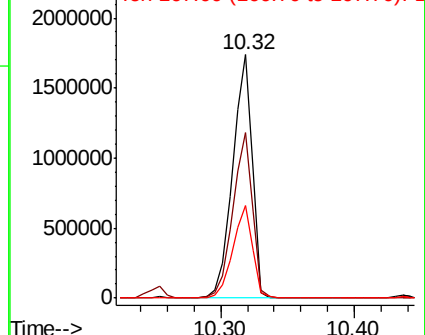
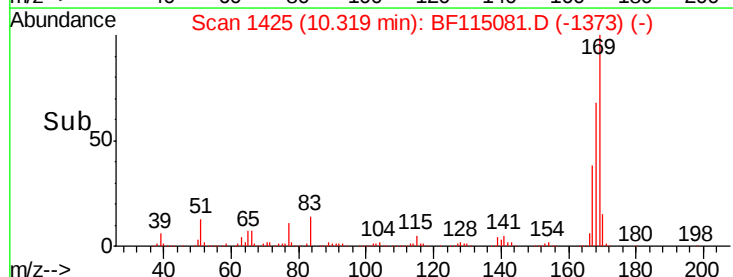
167 38.0 29.4 44.0

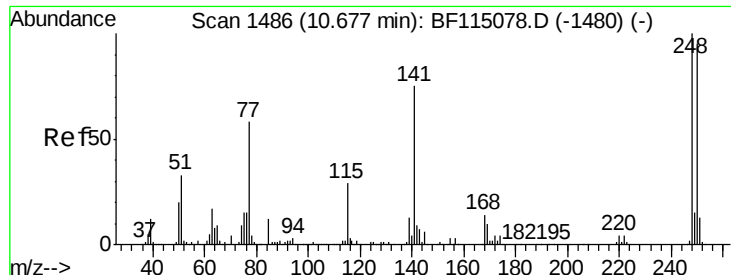


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

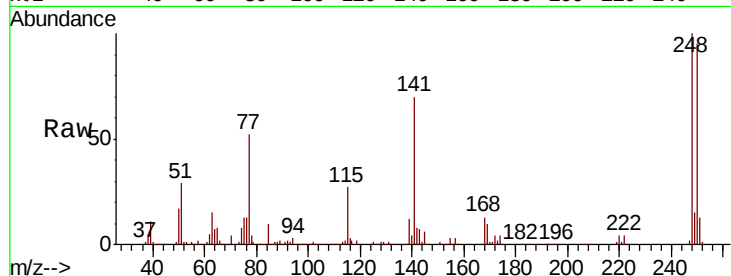




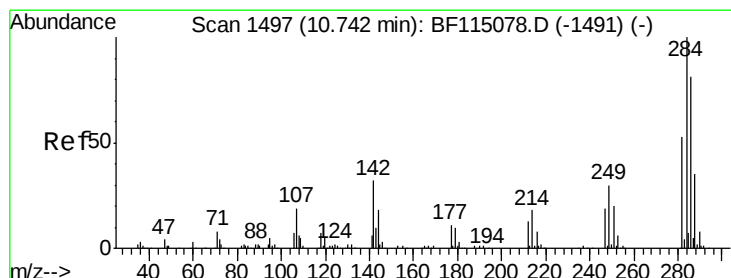
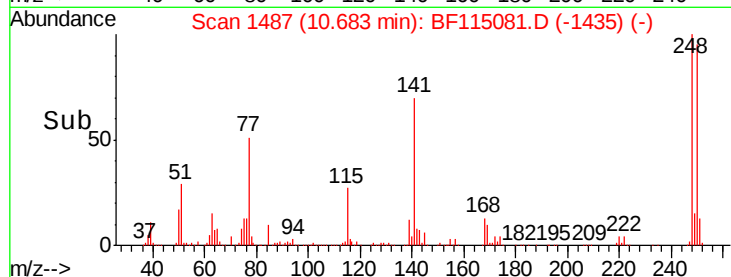
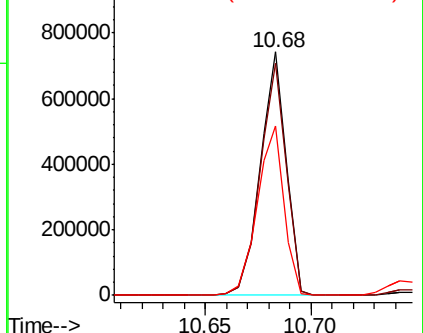
#67
 4-Bromophenyl-phenylether
 Concen: 74.886 ng
 RT: 10.68 min Scan# 1487
 Delta R.T. 0.01 min
 Lab File: BF115081.D
 Acq: 21 Jun 2019 15:59

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:248 Resp: 632372
 Ion Ratio Lower Upper
 248 100
 250 95.4 76.2 114.2
 141 69.7 59.6 89.4

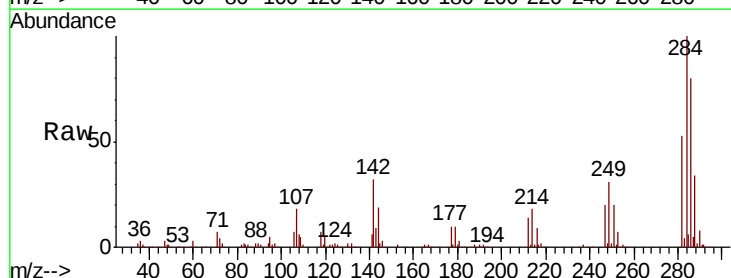


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

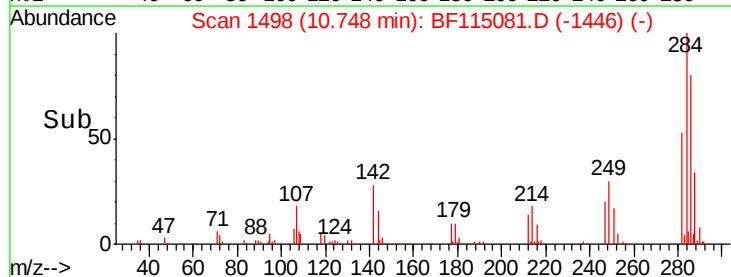
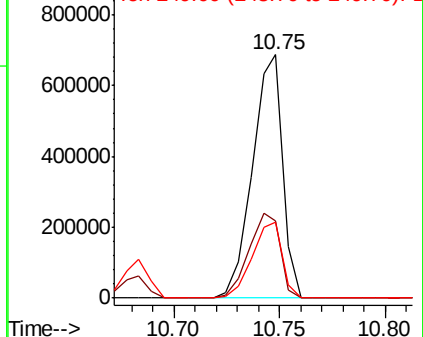


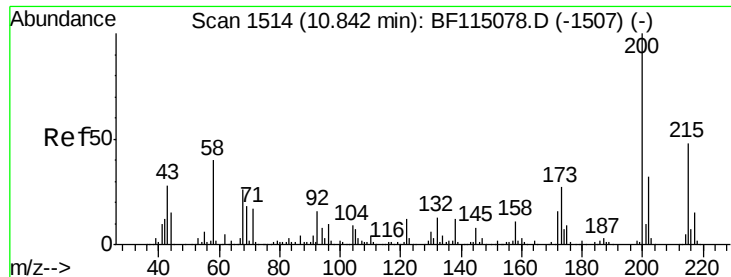
#68
 Hexachlorobenzene
 Concen: 73.337 ng
 RT: 10.75 min Scan# 1498
 Delta R.T. 0.01 min
 Lab File: BF115081.D
 Acq: 21 Jun 2019 15:59

Tgt Ion:284 Resp: 681799
 Ion Ratio Lower Upper
 284 100
 142 31.5 25.8 38.8
 249 31.3 24.2 36.4



Abundance Ion 283.80 (283.50 to 284.50): E
 Ion 142.00 (141.70 to 142.70): E
 Ion 249.00 (248.70 to 249.70): E

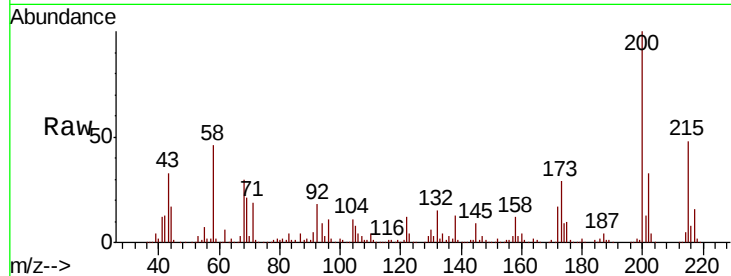




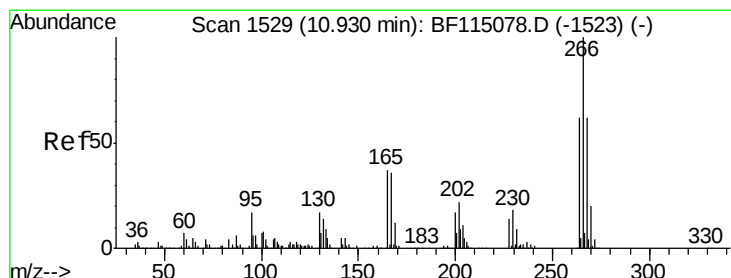
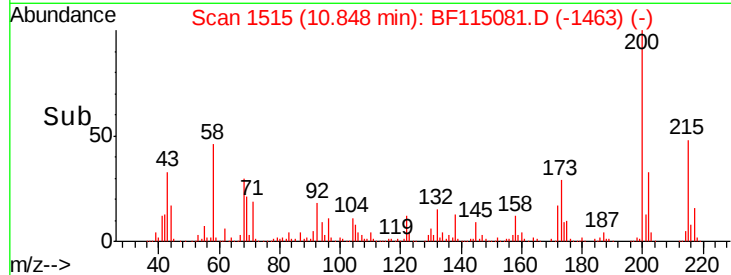
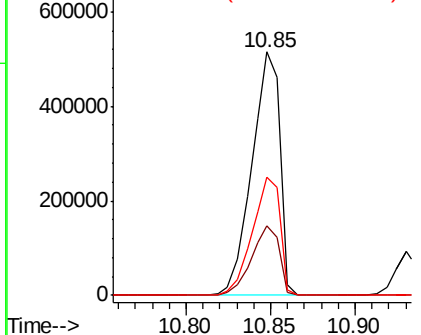
#69
Atrazine
Concen: 78.321 ng
RT: 10.85 min Scan# 1515
Delta R.T. 0.01 min
Lab File: BF115081.D
Acq: 21 Jun 2019 15:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	28.8	7.4	47.4
215	48.3	27.8	67.8

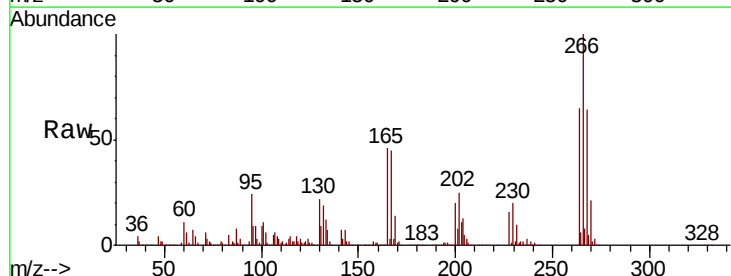


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

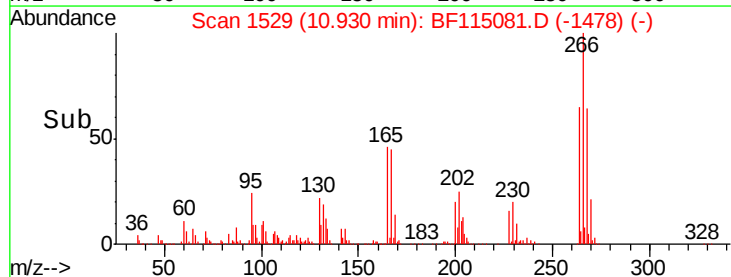
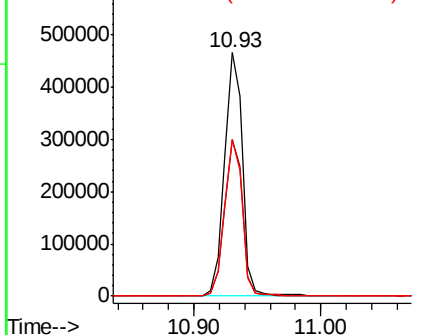


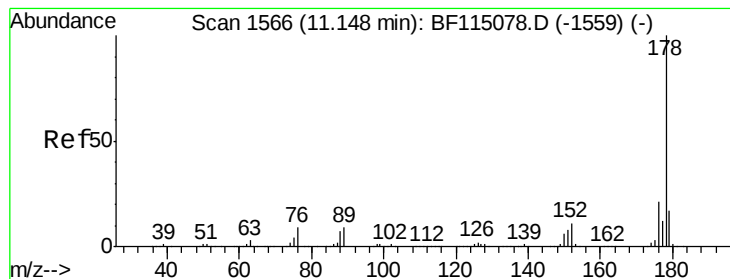
#70
Pentachlorophenol
Concen: 90.333 ng
RT: 10.93 min Scan# 1529
Delta R.T. 0.00 min
Lab File: BF115081.D
Acq: 21 Jun 2019 15:59

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.2	49.5	74.3
264	64.5	49.3	73.9



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 69.807 ng

RT: 11.15 min Scan# 1567

Delta R.T. 0.01 min

Lab File: BF115081.D

Acq: 21 Jun 2019 15:59

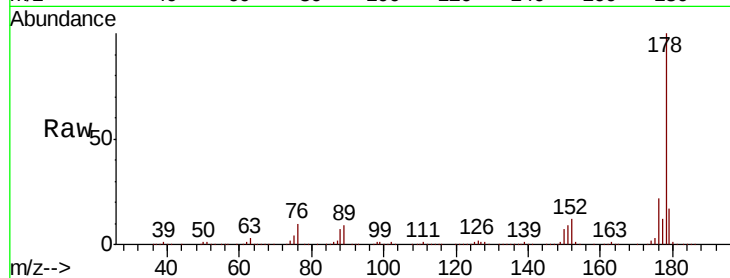
Instrument :

BNA_F

ClientSampleId :

Tot Ion:178 Resp: 2834635

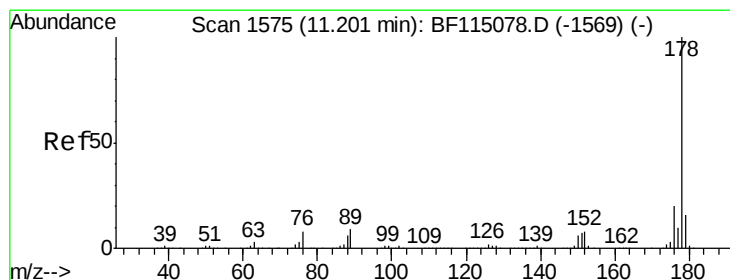
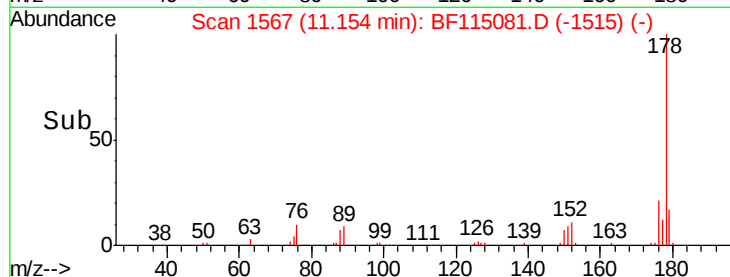
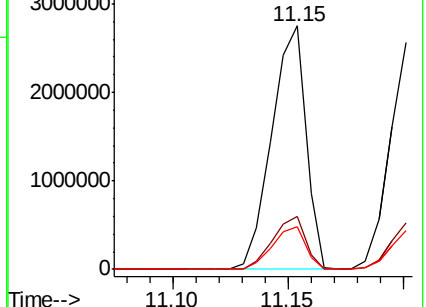
Ion	Ratio	Lower	Upper
178	100		
176	21.6	16.9	25.3
179	17.3	13.2	19.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 70.076 ng

RT: 11.21 min Scan# 1576

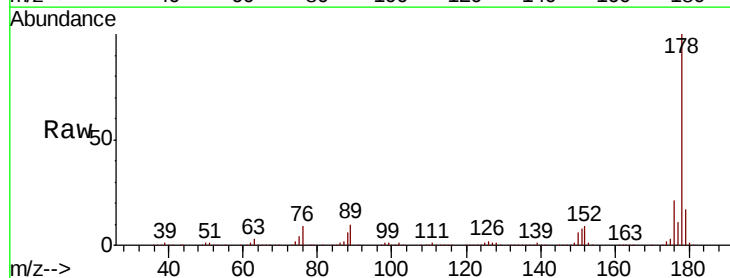
Delta R.T. 0.01 min

Lab File: BF115081.D

Acq: 21 Jun 2019 15:59

Tgt Ion:178 Resp: 2870710

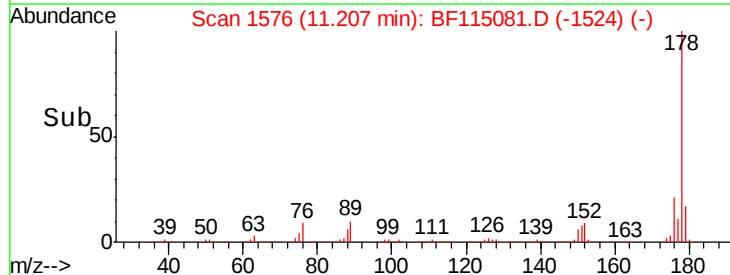
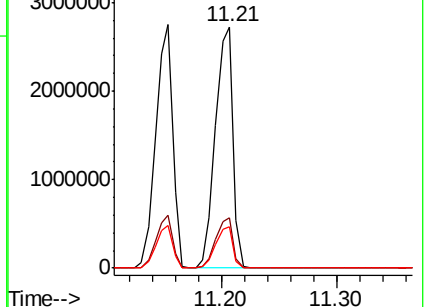
Ion	Ratio	Lower	Upper
178	100		
176	20.7	16.1	24.1
179	17.0	12.9	19.3

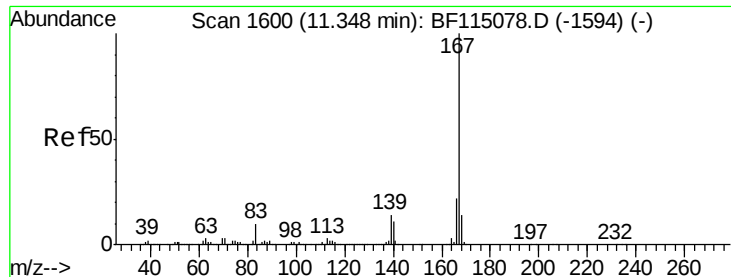


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 75.866 ng

RT: 11.36 min Scan# 1602

Delta R.T. 0.01 min

Lab File: BF115081.D

Acq: 21 Jun 2019 15:59

Instrument :

BNA_F

ClientSampleId :

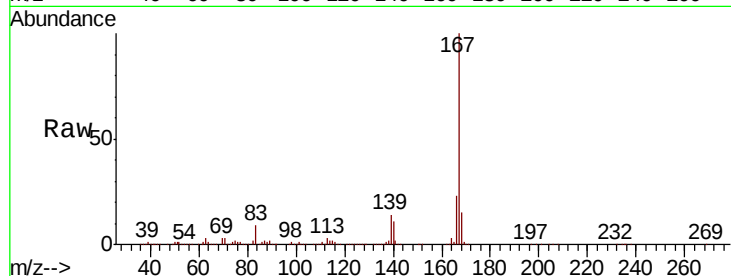
Tot Ion:167 Resp: 2712698

Ion Ratio Lower Upper

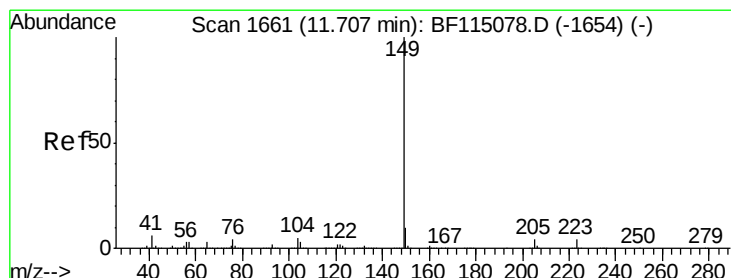
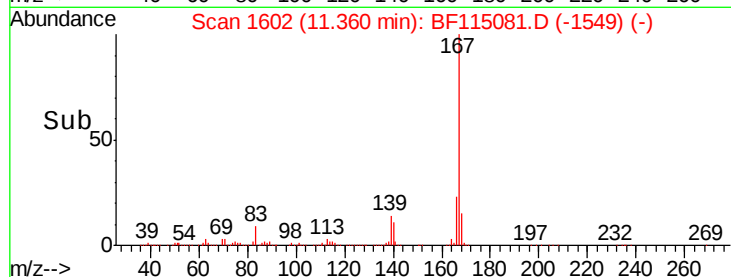
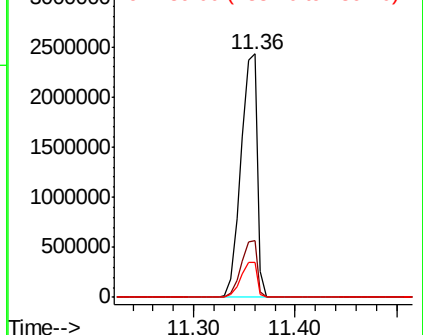
167 100

166 23.2 18.0 27.0

139 14.4 11.1 16.7



Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 69.807 ng

RT: 11.71 min Scan# 1661

Delta R.T. 0.00 min

Lab File: BF115081.D

Acq: 21 Jun 2019 15:59

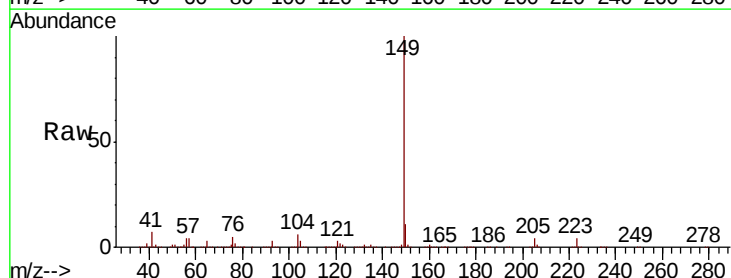
Tgt Ion:149 Resp: 3146724

Ion Ratio Lower Upper

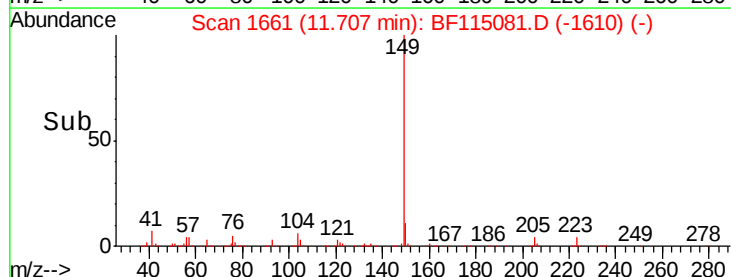
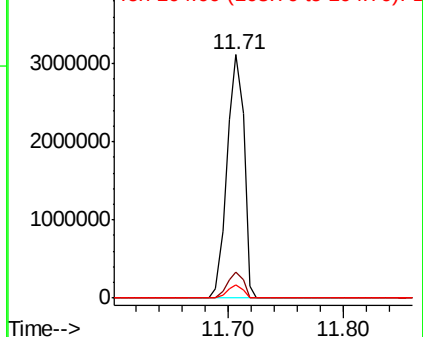
149 100

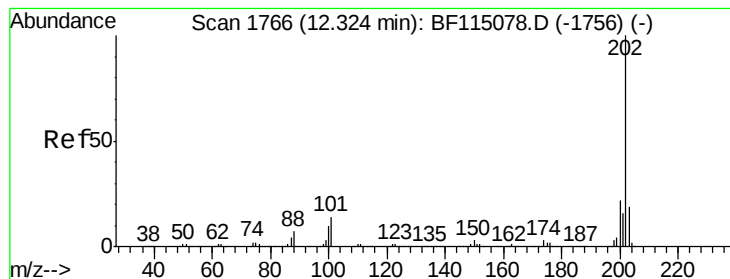
150 10.8 7.8 11.8

104 5.5 3.7 5.5#



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 72.521 ng

RT: 12.33 min Scan# 1767

Delta R.T. 0.01 min

Lab File: BF115081.D

Acq: 21 Jun 2019 15:59

Instrument :

BNA_F

ClientSampleId :

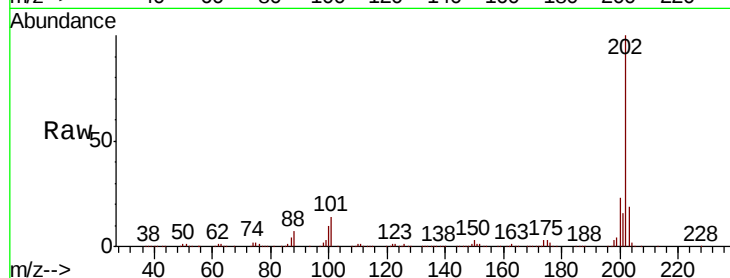
Tot Ion:202 Resp: 3011266

Ion Ratio Lower Upper

202 100

101 14.2 0.0 34.0

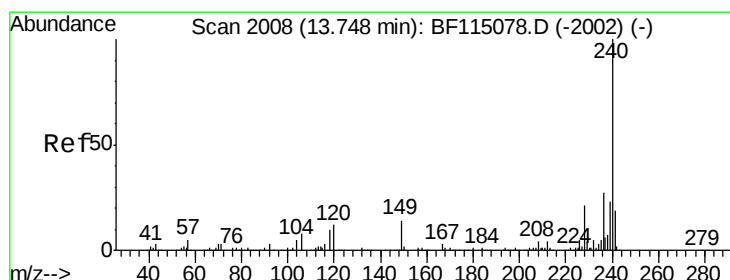
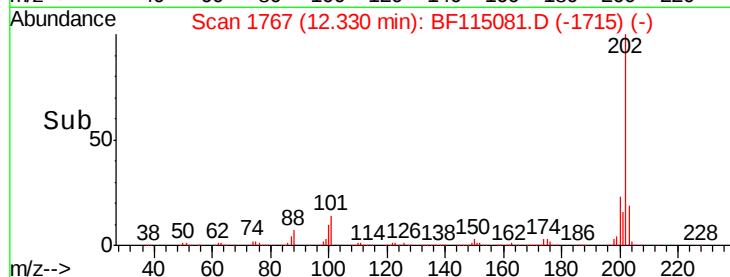
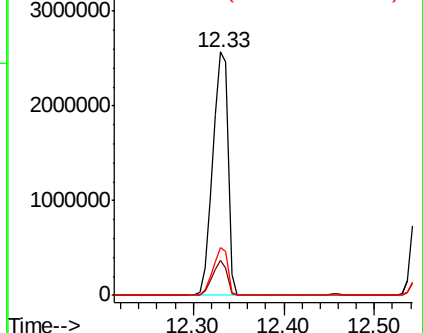
203 19.4 0.0 38.8



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.75 min Scan# 2009

Delta R.T. 0.01 min

Lab File: BF115081.D

Acq: 21 Jun 2019 15:59

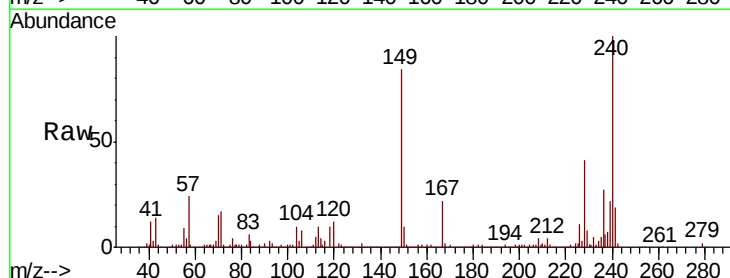
Tgt Ion:240 Resp: 539075

Ion Ratio Lower Upper

240 100

120 11.7 9.4 14.2

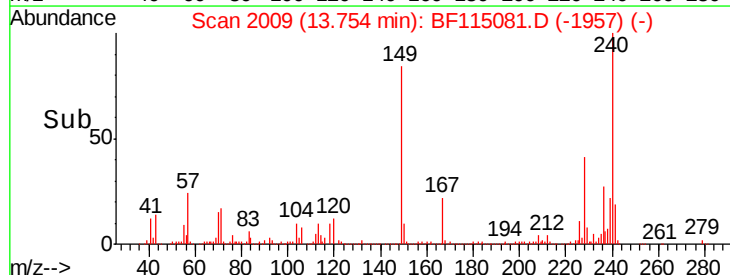
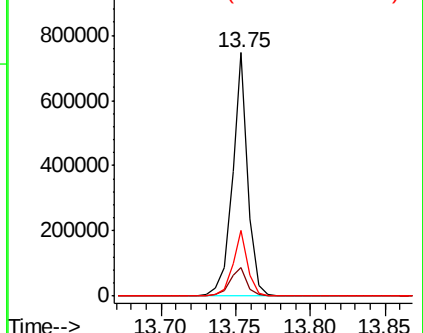
236 26.9 21.7 32.5

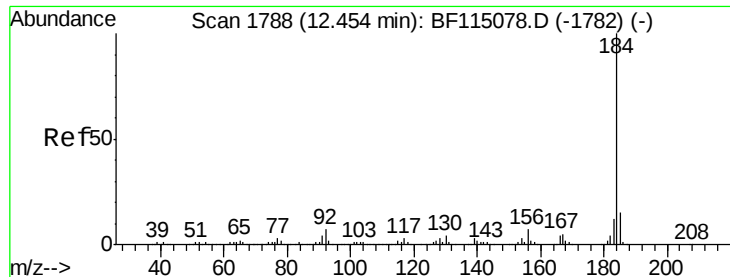


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 82.321 ng

RT: 12.46 min Scan# 1789

Delta R.T. 0.01 min

Lab File: BF115081.D

Acq: 21 Jun 2019 15:59

Instrument :

BNA_F

ClientSampleId :

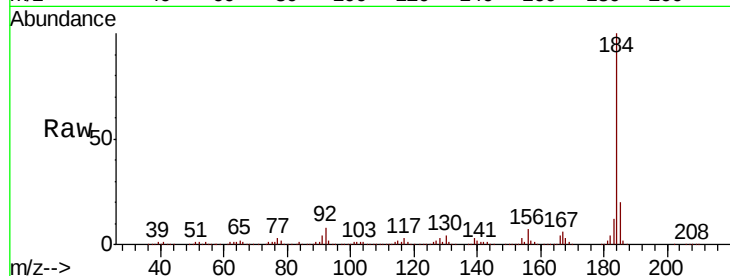
Tot Ion:184 Resp: 1794959

Ion Ratio Lower Upper

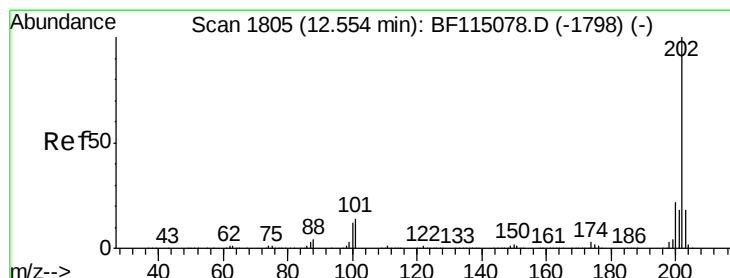
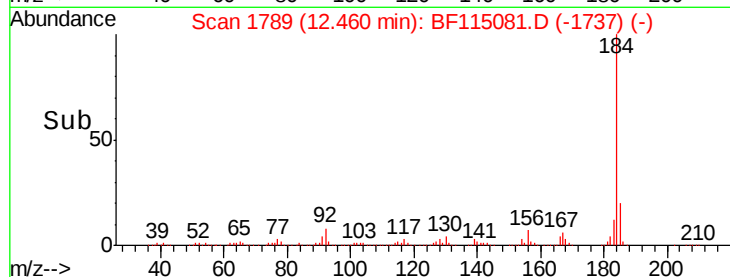
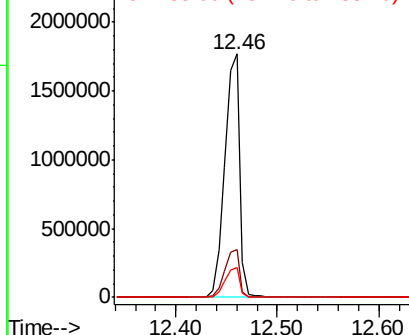
184 100

185 19.7 12.2 18.2#

183 12.2 9.6 14.4



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 63.129 ng

RT: 12.56 min Scan# 1806

Delta R.T. 0.01 min

Lab File: BF115081.D

Acq: 21 Jun 2019 15:59

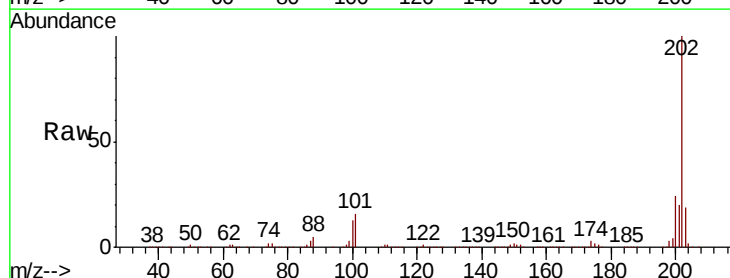
Tgt Ion:202 Resp: 3100187

Ion Ratio Lower Upper

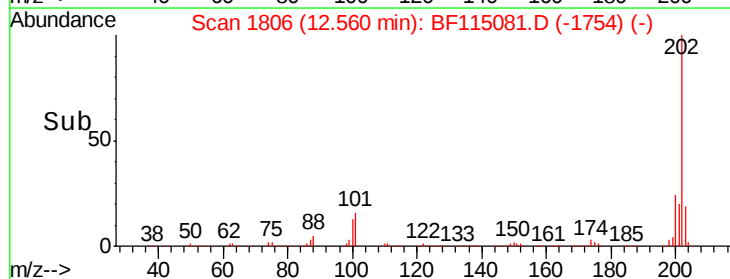
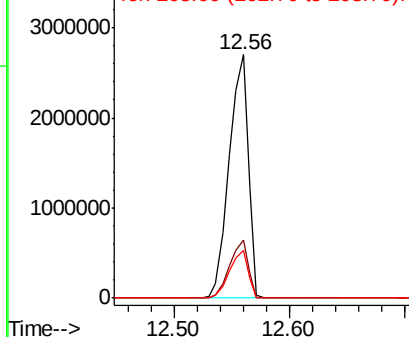
202 100

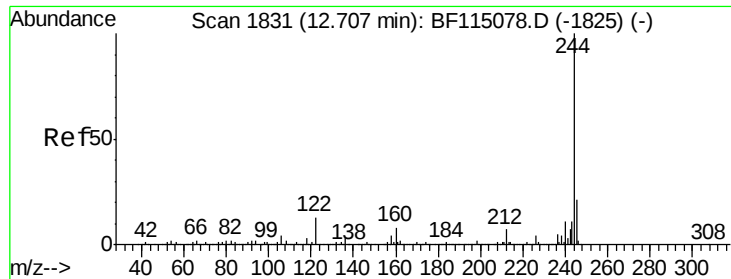
200 23.7 17.9 26.9

203 19.4 14.6 21.8



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 121.547 ng

RT: 12.72 min Scan# 1833

Delta R.T. 0.01 min

Lab File: BF115081.D

Acq: 21 Jun 2019 15:59

Instrument :

BNA_F

ClientSampleId :

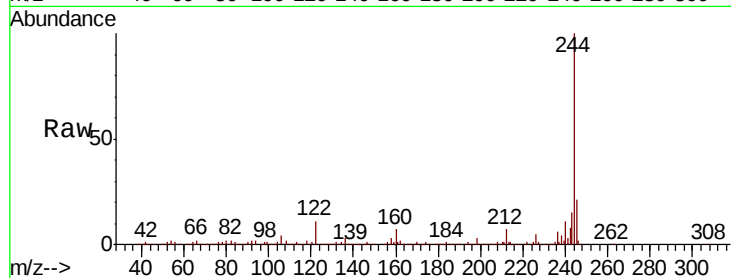
Tot Ion:244 Resp: 3483653

Ion Ratio Lower Upper

244 100

212 7.4 5.8 8.6

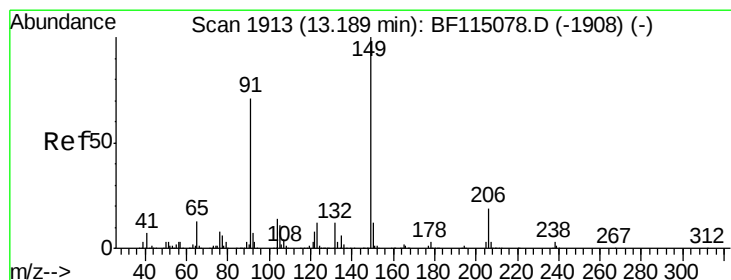
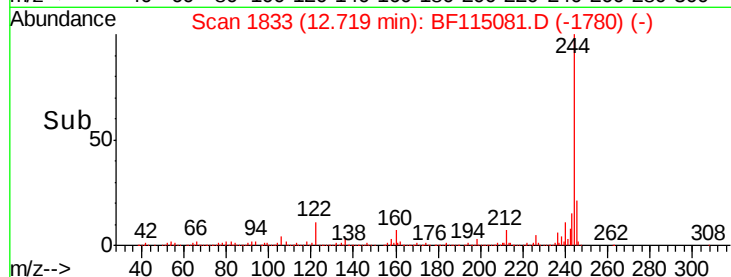
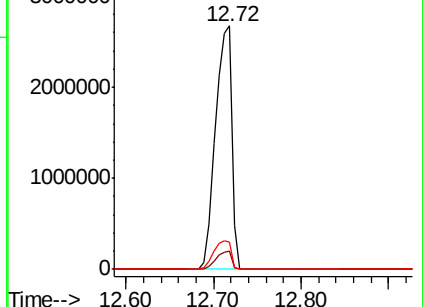
122 11.3 10.4 15.6



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 63.966 ng

RT: 13.19 min Scan# 1914

Delta R.T. 0.01 min

Lab File: BF115081.D

Acq: 21 Jun 2019 15:59

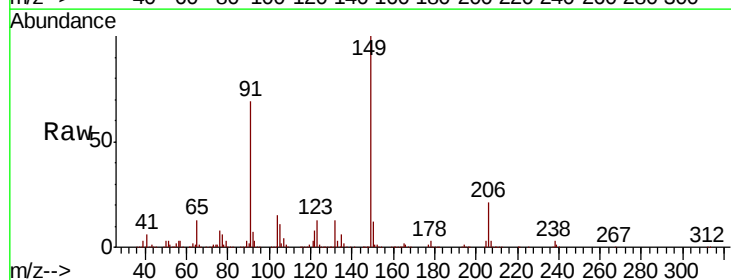
Tgt Ion:149 Resp: 1467233

Ion Ratio Lower Upper

149 100

91 68.8 56.5 84.7

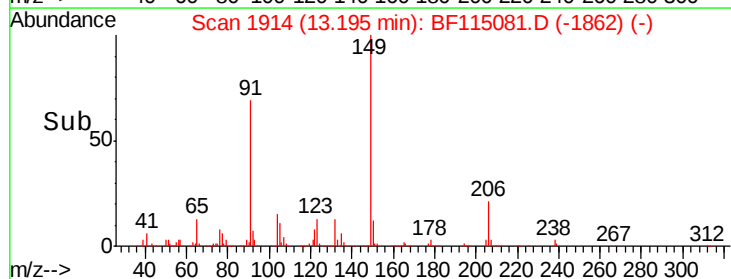
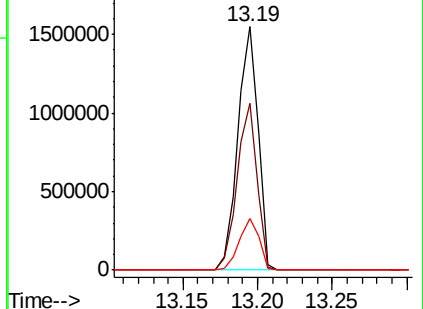
206 21.2 15.3 22.9

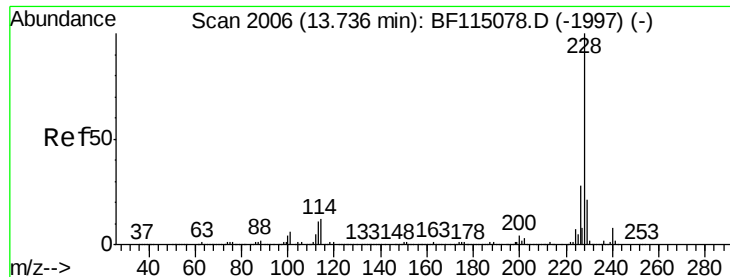


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

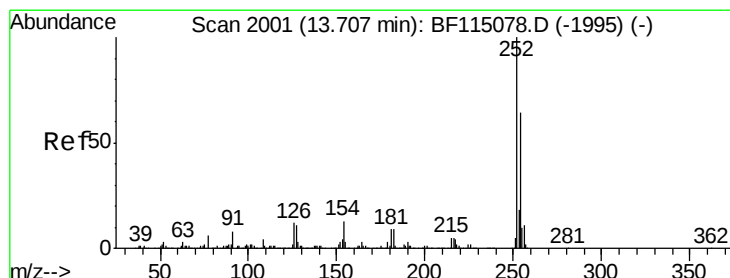
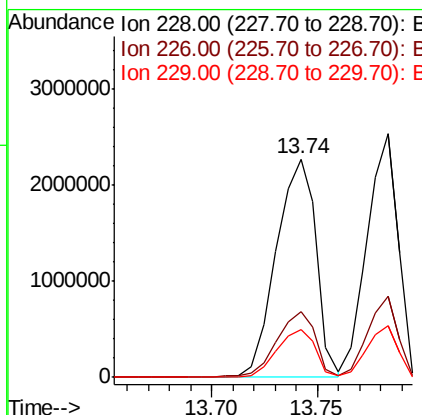
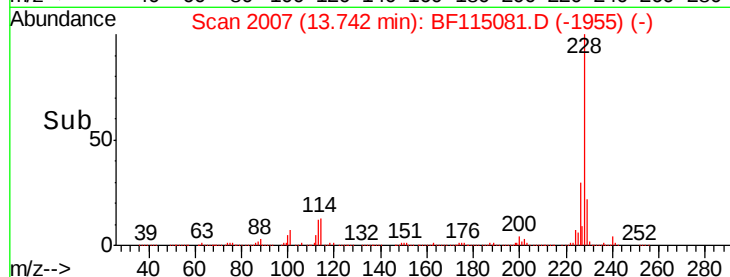
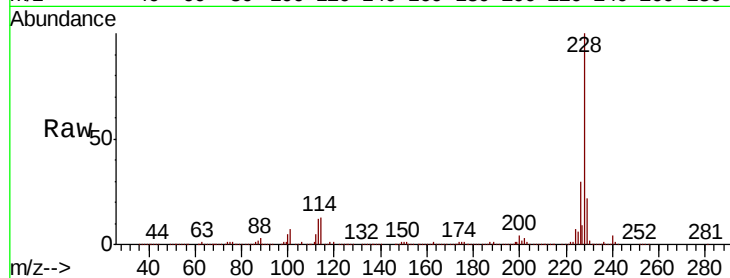




#81
Benzo(a)anthracene
Concen: 73.697 ng
RT: 13.74 min Scan# 2007
Delta R.T. 0.01 min
Lab File: BF115081.D
Acq: 21 Jun 2019 15:59

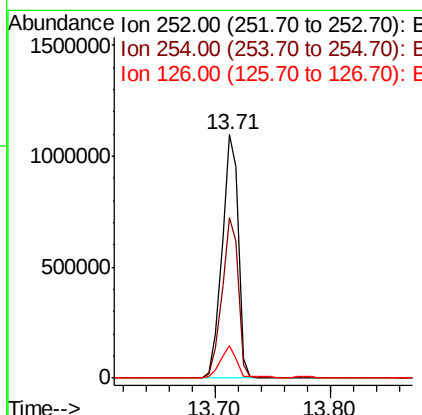
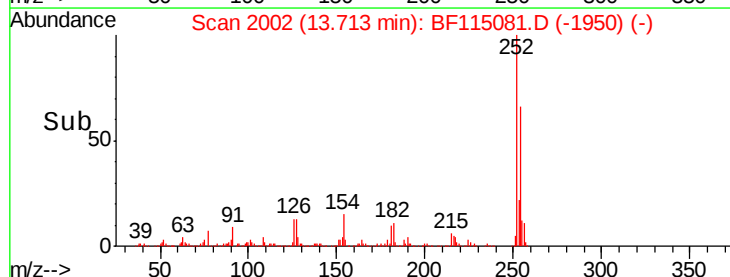
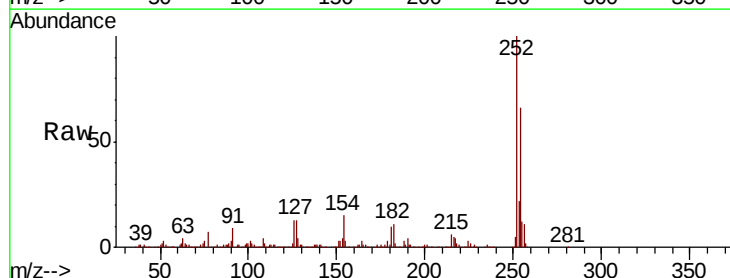
Instrument :
BNA_F
ClientSampleId :

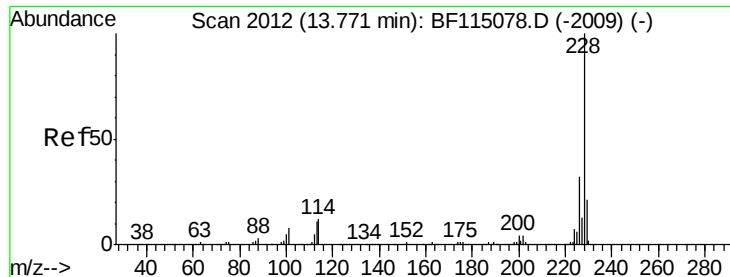
Tot Ion:228 Resp: 2972974
Ion Ratio Lower Upper
228 100
226 30.0 22.5 33.7
229 21.8 16.6 24.8



#82
3,3'-Dichlorobenzidine
Concen: 68.899 ng
RT: 13.71 min Scan# 2002
Delta R.T. 0.01 min
Lab File: BF115081.D
Acq: 21 Jun 2019 15:59

Tgt Ion:252 Resp: 1065589
Ion Ratio Lower Upper
252 100
254 65.7 51.1 76.7
126 13.2 9.4 14.0





#83

Chrysene

Concen: 65.059 ng

RT: 13.78 min Scan# 2014

Delta R.T. 0.01 min

Lab File: BF115081.D

Acq: 21 Jun 2019 15:59

Instrument :

BNA_F

ClientSampleId :

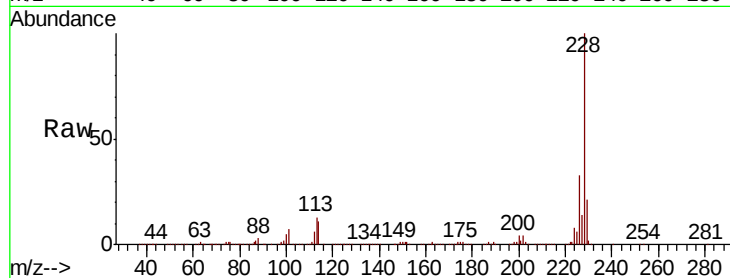
Tot Ion:228 Resp: 2609826

Ion Ratio Lower Upper

228 100

226 33.4 25.4 38.0

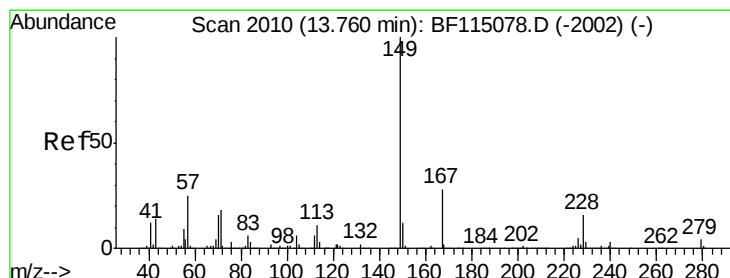
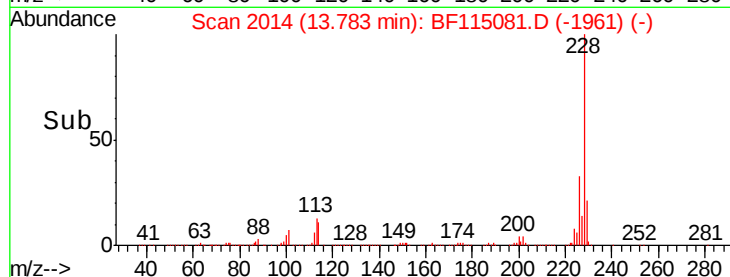
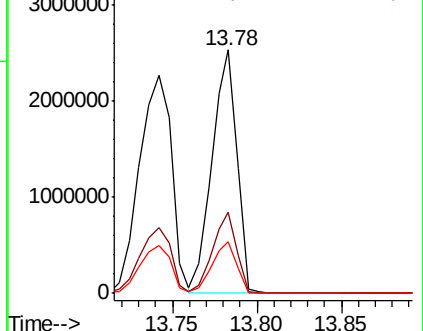
229 21.4 16.5 24.7



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 67.766 ng

RT: 13.77 min Scan# 2011

Delta R.T. 0.01 min

Lab File: BF115081.D

Acq: 21 Jun 2019 15:59

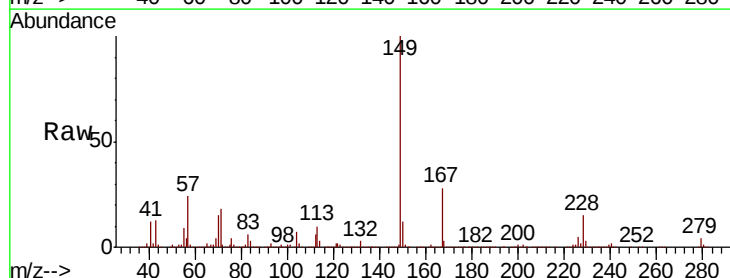
Tgt Ion:149 Resp: 1837127

Ion Ratio Lower Upper

149 100

167 28.2 22.2 33.4

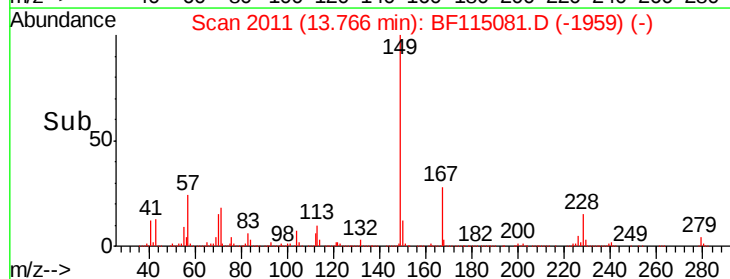
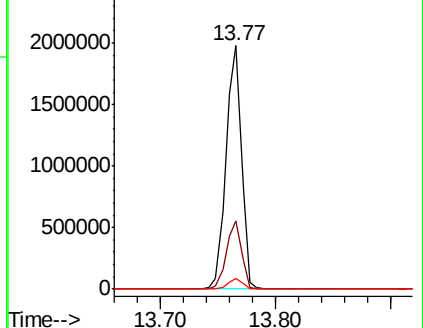
279 4.3 2.9 4.3

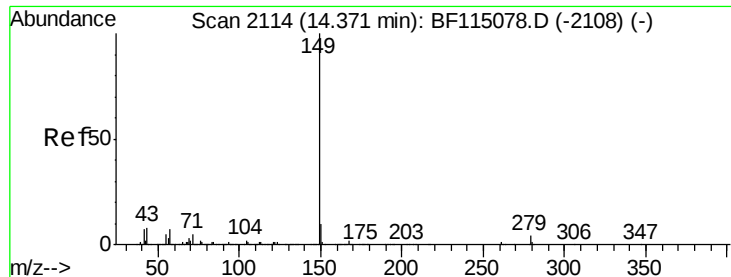


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 66.425 ng

RT: 14.37 min Scan# 2114

Delta R.T. 0.00 min

Lab File: BF115081.D

Acq: 21 Jun 2019 15:59

Instrument :

BNA_F

ClientSampleId :

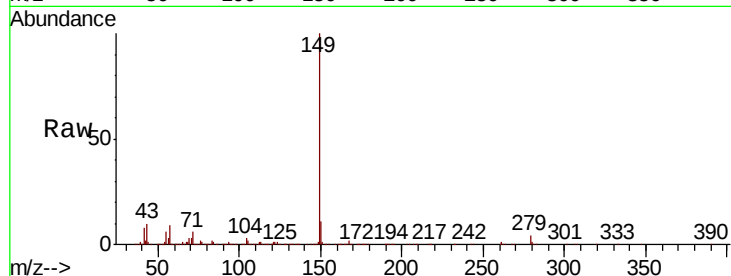
Tot Ion:149 Resp: 3100991

Ion Ratio Lower Upper

149 100

167 1.7 1.2 1.8

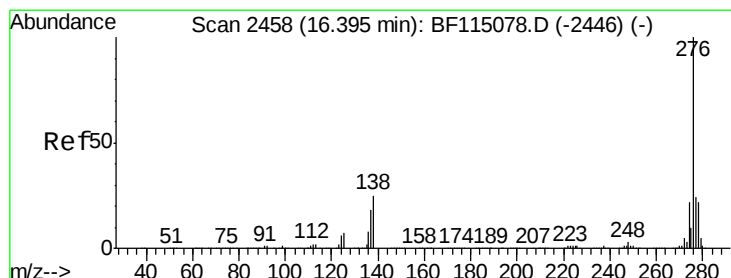
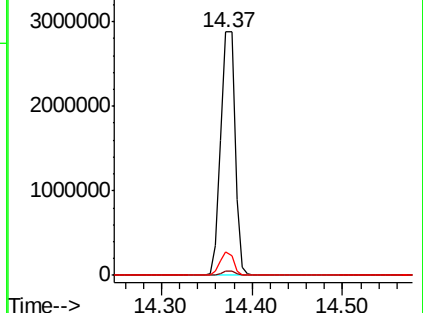
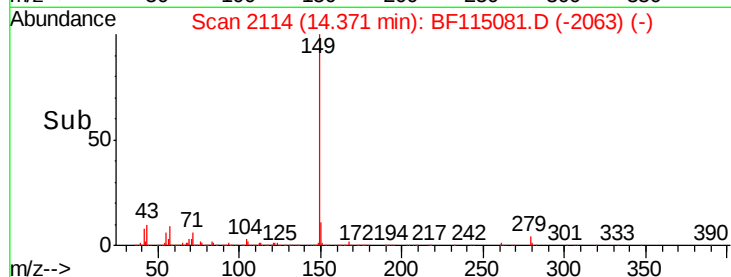
43 9.2 7.0 10.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 96.469 ng

RT: 16.41 min Scan# 2461

Delta R.T. 0.02 min

Lab File: BF115081.D

Acq: 21 Jun 2019 15:59

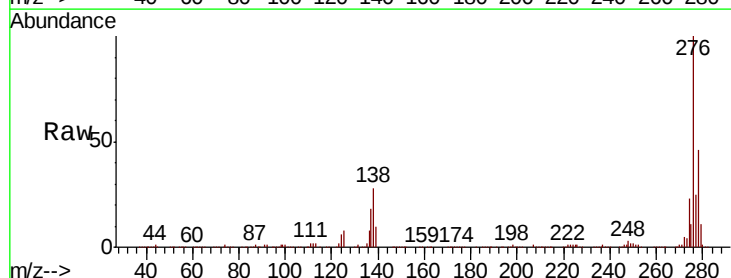
Tgt Ion:276 Resp: 3399278

Ion Ratio Lower Upper

276 100

138 29.1 23.2 34.8

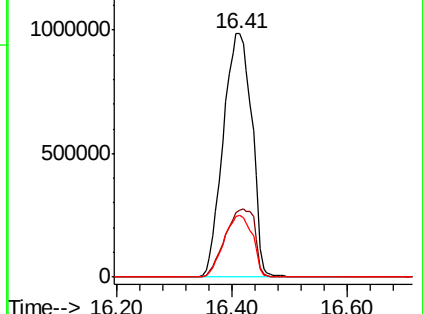
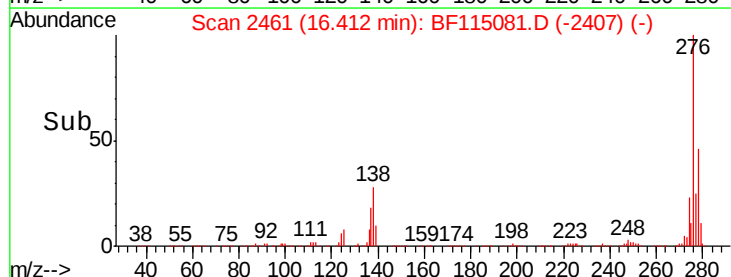
277 25.5 20.1 30.1

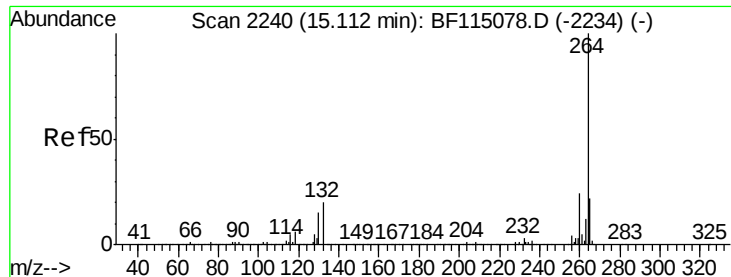


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

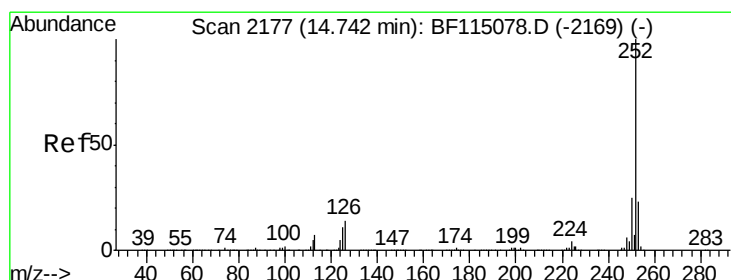
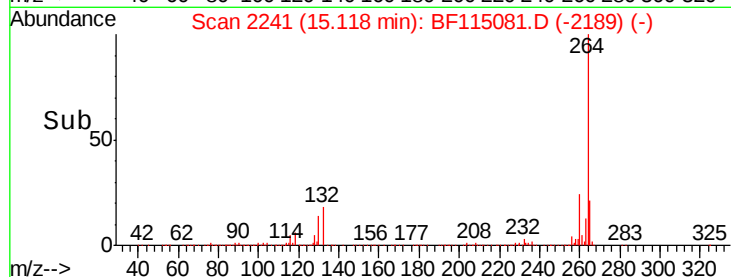
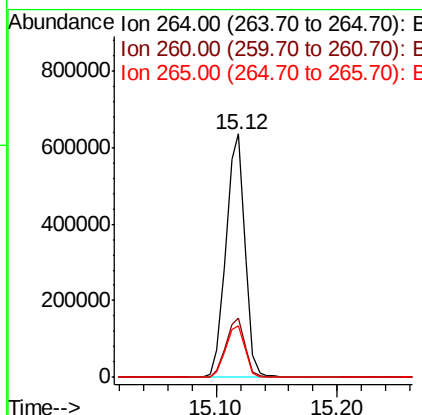
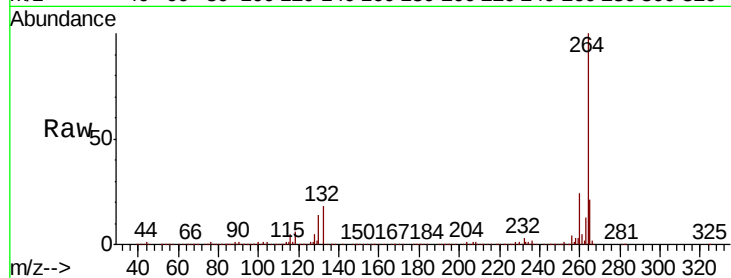




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.12 min Scan# 2241
Delta R.T. 0.01 min
Lab File: BF115081.D
Acq: 21 Jun 2019 15:59

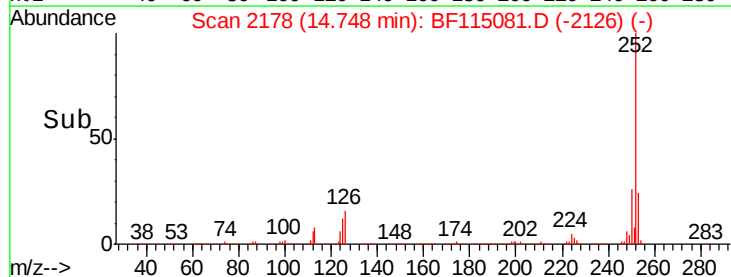
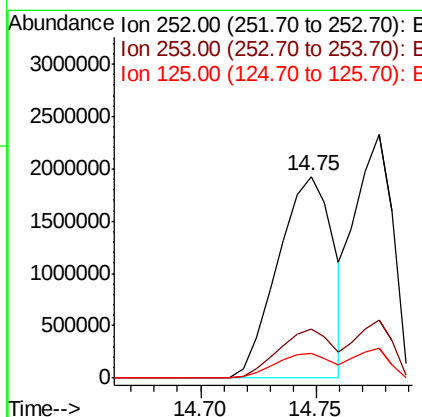
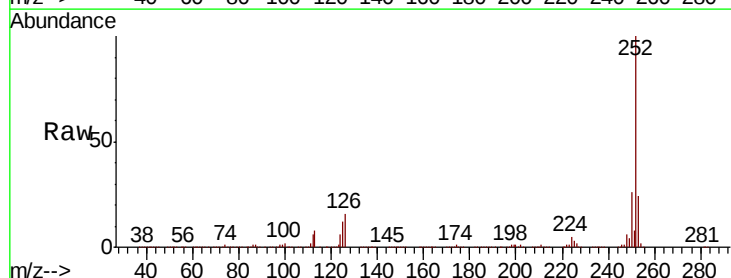
Instrument :
BNA_F
ClientSampleId :

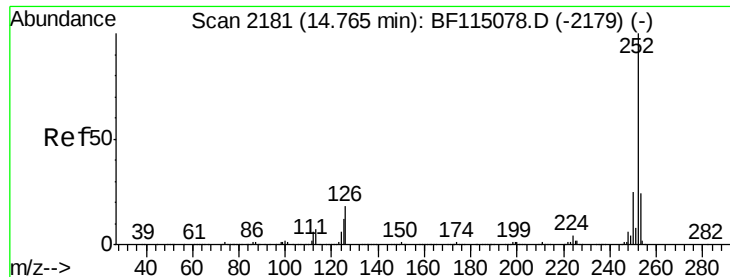
Tot	Ion:264	Resp:	691909
Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.6	29.4
265	21.4	17.3	25.9



#88
Benzo(b)fluoranthene
Concen: 69.922 ng
RT: 14.75 min Scan# 2178
Delta R.T. 0.01 min
Lab File: BF115081.D
Acq: 21 Jun 2019 15:59

Tgt	Ion:252	Resp:	3216098
Ion	Ratio	Lower	Upper
252	100		
253	24.0	18.1	27.1
125	12.1	8.7	13.1

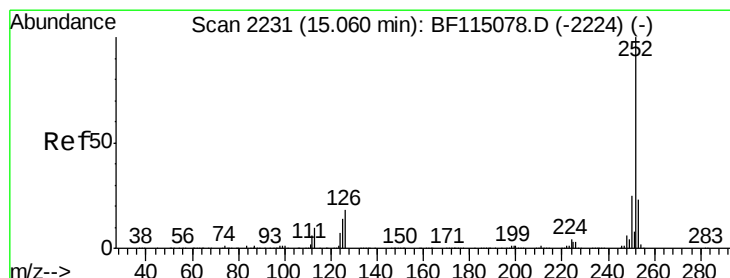
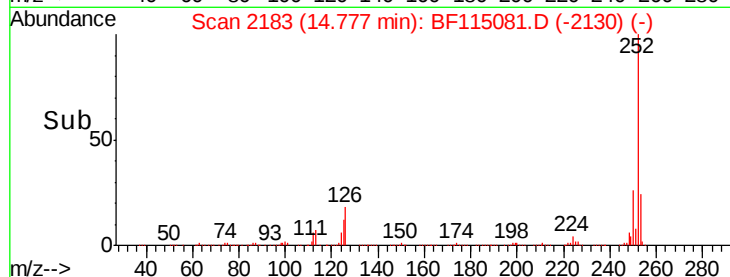
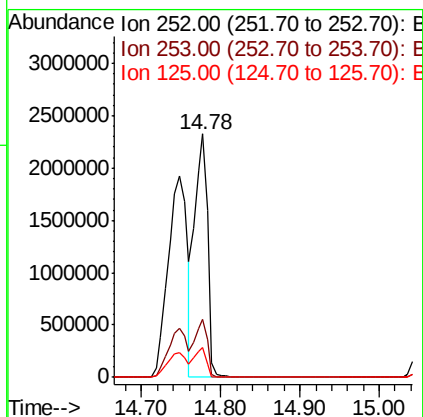
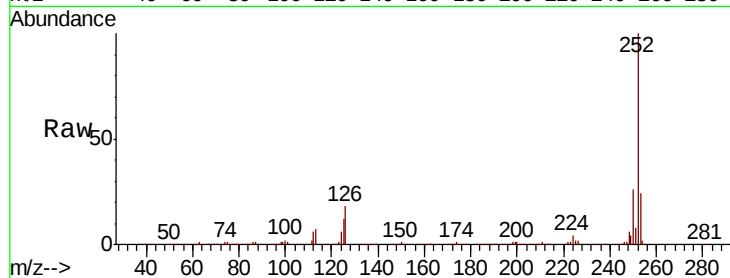




#89
Benzo(k)fluoranthene
Concen: 66.045 ng
RT: 14.78 min Scan# 2183
Delta R.T. 0.01 min
Lab File: BF115081.D
Acq: 21 Jun 2019 15:59

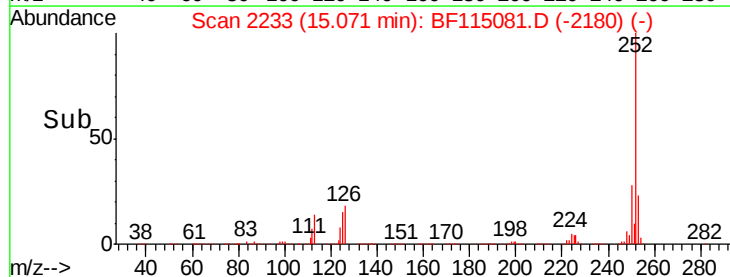
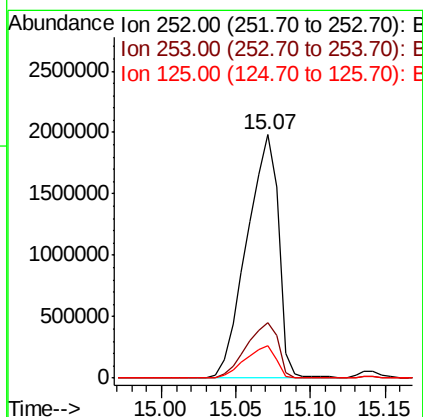
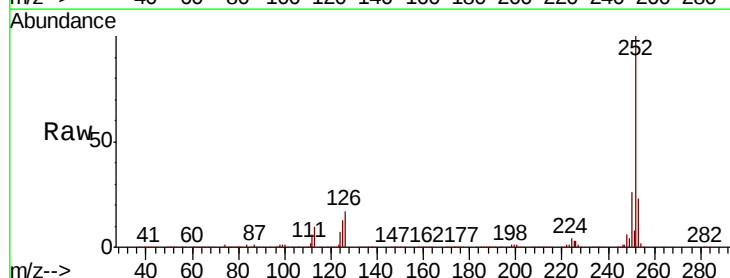
Instrument :
BNA_F
ClientSampleId :

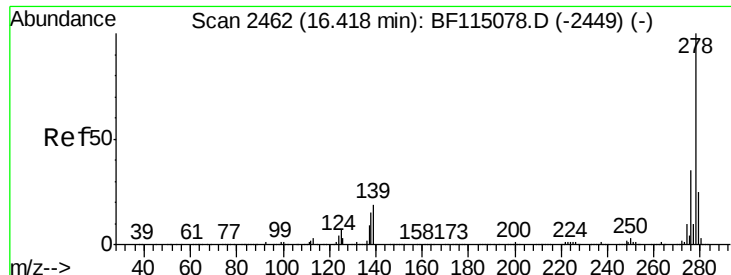
Tot Ion:252 Resp: 2666389
Ion Ratio Lower Upper
252 100
253 23.7 18.9 28.3
125 12.3 10.2 15.2



#90
Benzo(a)pyrene
Concen: 73.218 ng
RT: 15.07 min Scan# 2233
Delta R.T. 0.01 min
Lab File: BF115081.D
Acq: 21 Jun 2019 15:59

Tgt Ion:252 Resp: 2905972
Ion Ratio Lower Upper
252 100
253 23.0 18.3 27.5
125 13.3 10.9 16.3

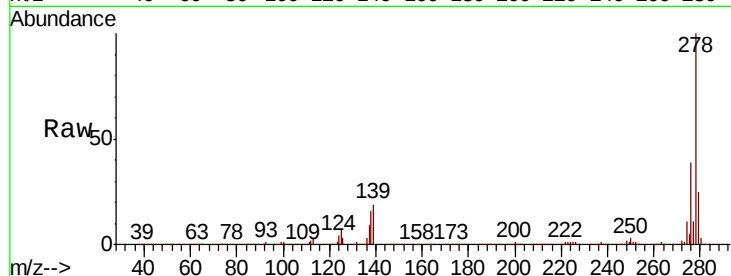




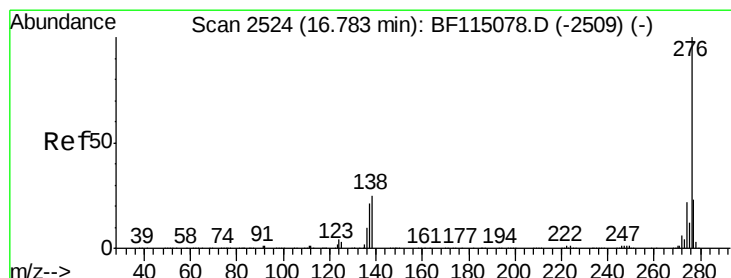
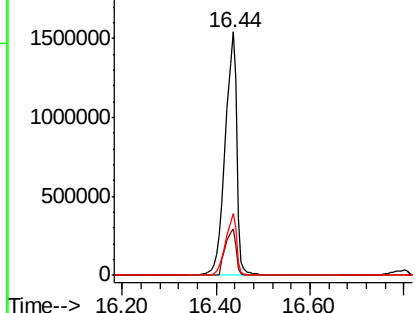
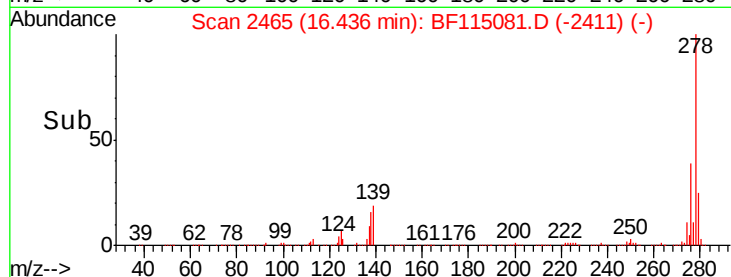
#91
Dibenzo(a,h)anthracene
Concen: 77.731 ng
RT: 16.44 min Scan# 2465
Delta R.T. 0.02 min
Lab File: BF115081.D
Acq: 21 Jun 2019 15:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 2656848
Ion Ratio Lower Upper
278 100
139 19.0 15.4 23.2
279 25.3 19.9 29.9

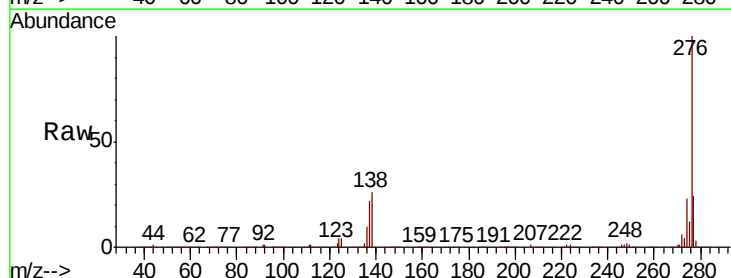


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 78.856 ng
RT: 16.80 min Scan# 2527
Delta R.T. 0.02 min
Lab File: BF115081.D
Acq: 21 Jun 2019 15:59

Tgt Ion:276 Resp: 2748812
Ion Ratio Lower Upper
276 100
277 23.9 18.6 28.0
138 26.4 19.8 29.6



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

