

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062619\
 Data File : BF115223.D
 Acq On : 26 Jun 2019 17:04
 Operator : HP/JU
 Sample : K3309-08MS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 27 01:29:07 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF062119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 24 04:21:29 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.61	152	294115	20.00	ng	0.00
21) Naphthalene-d8	7.90	136	1138999	20.00	ng	0.00
39) Acenaphthene-d10	9.64	164	556646	20.00	ng	0.00
64) Phenanthrene-d10	11.11	188	1044760	20.00	ng	0.00
76) Chrysene-d12	13.74	240	609966	20.00	ng	-0.01
87) Perylene-d12	15.10	264	651610	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.22	112	1053114	55.26	ng	0.01
7) Phenol-d6	6.25	99	847419	36.63	ng	0.00
23) Nitrobenzene-d5	7.18	82	1637509	88.44	ng	0.00
42) 2,4,6-Tribromophenol	10.43	330	712601	121.40	ng	0.00
45) 2-Fluorobiphenyl	8.98	172	2884214	88.01	ng	0.00
79) Terphenyl-d14	12.70	244	2725870	95.02	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.25	88	167655	18.639	ng	99
3) Pyridine	2.91	79	335515	13.234	ng	99
4) n-Nitrosodimethylamine	2.84	42	155272	15.623	ng	100
6) Aniline	6.27	93	459602	14.456	ng	# 88
8) 2-Chlorophenol	6.40	128	684863	31.957	ng	98
9) Benzaldehyde	6.15	77	168200	11.145	ng	97
10) Phenol	6.27	94	348219	12.851	ng	90
11) bis(2-Chloroethyl)ether	6.35	93	770713	38.585	ng	100
12) 1,3-Dichlorobenzene	6.55	146	909069	38.221	ng	99
13) 1,4-Dichlorobenzene	6.63	146	966021	40.503	ng	99
14) 1,2-Dichlorobenzene	6.79	146	861617	39.010	ng	98
15) Benzyl Alcohol	6.76	79	423356	25.133	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.90	45	1092167	37.699	ng	97
17) 2-Methylphenol	6.88	107	479120	27.085	ng	97
18) Hexachloroethane	7.13	117	329323	38.300	ng	96
19) n-Nitroso-di-n-propylamine	7.04	70	563227	38.030	ng	99
20) 3+4-Methylphenols	7.03	107	487930	23.888	ng	# 82
22) Acetophenone	7.02	105	1141331	43.770	ng	# 94
24) Nitrobenzene	7.20	77	858344	42.079	ng	98
25) Isophorone	7.44	82	1557753	41.069	ng	98
26) 2-Nitrophenol	7.51	139	447776	44.450	ng	98
27) 2,4-Dimethylphenol	7.56	122	653549	39.625	ng	97
28) bis(2-Chloroethoxy)methane	7.65	93	983791	41.037	ng	100
29) 2,4-Dichlorophenol	7.75	162	666048	39.131	ng	97
30) 1,2,4-Trichlorobenzene	7.84	180	800785	42.592	ng	99
31) Naphthalene	7.92	128	2321331	41.519	ng	99
32) Benzoic acid	7.65	122	135947	11.547	ng	97
33) 4-Chloroaniline	7.97	127	382413	14.966	ng	99
34) Hexachlorobutadiene	8.04	225	433299	42.055	ng	98
35) Caprolactam	8.34	113	36582	6.393	ng	91
36) 4-Chloro-3-methylphenol	8.45	107	647334	37.553	ng	99
37) 2-Methylnaphthalene	8.61	142	1615742	42.860	ng	99
38) 1-Methylnaphthalene	8.71	142	1588143	44.110	ng	98
40) 1,2,4,5-Tetrachlorobenzene	8.78	216	728513	46.314	ng	100

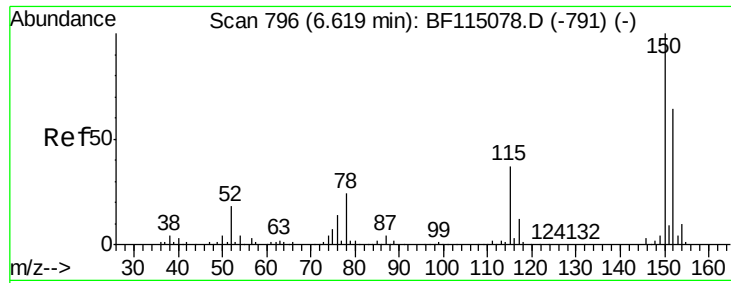
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062619\
 Data File : BF115223.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 24 04:21:29 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.77	237	342156	36.684	ng	99
43) 2,4,6-Trichlorophenol	8.88	196	500459	41.210	ng	100
44) 2,4,5-Trichlorophenol	8.92	196	535066	42.785	ng	99
46) 1,1'-Biphenyl	9.07	154	1871108	42.010	ng	98
47) 2-Chloronaphthalene	9.10	162	1524775	42.204	ng	99
48) 2-Nitroaniline	9.19	65	462192	43.881	ng	87
49) Acenaphthylene	9.51	152	2311408	41.063	ng	99
50) Dimethylphthalate	9.38	163	1769709	43.212	ng	100
51) 2,6-Dinitrotoluene	9.43	165	425940	45.050	ng	99
52) Acenaphthene	9.68	154	1698834	48.231	ng	99
53) 3-Nitroaniline	9.59	138	232260	20.130	ng	97
54) 2,4-Dinitrophenol	9.70	184	201632	44.983	ng	94
55) Dibenzofuran	9.85	168	2026286	40.081	ng	98
56) 4-Nitrophenol	9.76	139	279186	30.182	ng	95
57) 2,4-Dinitrotoluene	9.83	165	558640	45.759	ng	94
58) Fluorene	10.19	166	1559864	46.574	ng	98
59) 2,3,4,6-Tetrachlorophenol	9.97	232	456500	43.532	ng	99
60) Diethylphthalate	10.08	149	1765506	42.887	ng	99
61) 4-Chlorophenyl-phenylether	10.18	204	684565	42.406	ng	96
62) 4-Nitroaniline	10.21	138	411674	35.566	ng	100
63) Azobenzene	10.34	77	1574794	40.956	ng	98
65) 4,6-Dinitro-2-methylphenol	10.24	198	141826	27.836	ng	92
66) n-Nitrosodiphenylamine	10.30	169	1443562	44.350	ng	99
67) 4-Bromophenyl-phenylether	10.67	248	497955	43.961	ng	94
68) Hexachlorobenzene	10.74	284	536702	43.652	ng	98
69) Atrazine	10.84	200	464188	44.333	ng	99
70) Pentachlorophenol	10.92	266	604259	77.144	ng	97
71) Phenanthrene	11.14	178	2315197	41.158	ng	99
72) Anthracene	11.19	178	2329151	41.019	ng	98
73) Carbazole	11.35	167	2059777	40.623	ng	99
74) Di-n-butylphthalate	11.70	149	2506615	42.781	ng	99
75) Fluoranthene	12.32	202	2131120	37.971	ng	98
78) Pyrene	12.54	202	2112505	45.066	ng	99
80) Butylbenzylphthalate	13.18	149	1018056	49.212	ng	94
81) Benzo(a)anthracene	13.72	228	1843561	42.122	ng	100
82) 3,3'-Dichlorobenzidine	13.69	252	509168	32.216	ng	98
83) Chrysene	13.76	228	1757612	43.840	ng	100
84) Bis(2-ethylhexyl)phthalate	13.74	149	1355179	49.995	ng	100
85) Di-n-octyl phthalate	14.35	149	2215119	48.637	ng	100
86) Indeno(1,2,3-cd)pyrene	16.38	276	1567589	33.043	ng	99
88) Benzo(b)fluoranthene	14.73	252	1810761	44.536	ng	99
89) Benzo(k)fluoranthene	14.76	252	1749065	47.970	ng	98
90) Benzo(a)pyrene	15.05	252	1667252	45.496	ng	97
91) Dibenzo(a,h)anthracene	16.39	278	1320595	38.601	ng	98
92) Benzo(g,h,i)perylene	16.76	276	1236357	35.706	ng	98

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

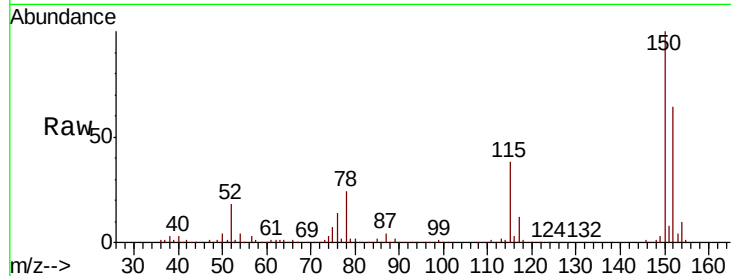


#1

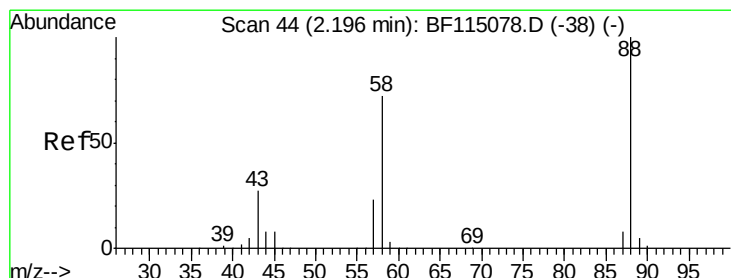
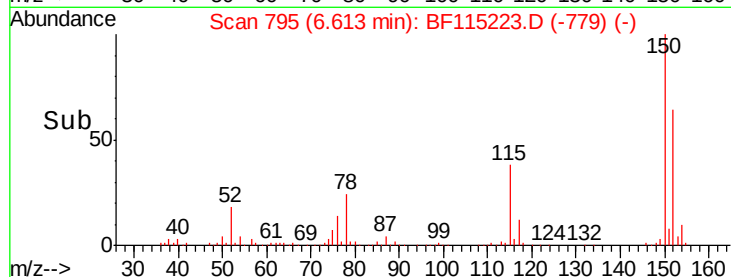
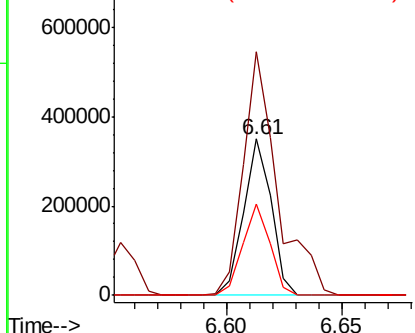
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.61 min Scan# 795
Delta R.T. -0.01 min
Lab File: BF115223.D
Acq: 26 Jun 2019 17:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.8	124.2	186.2
115	58.8	46.1	69.1



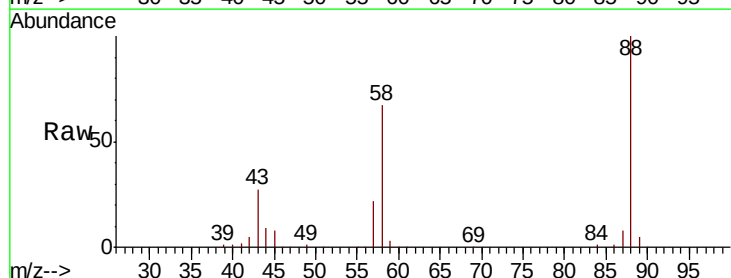
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



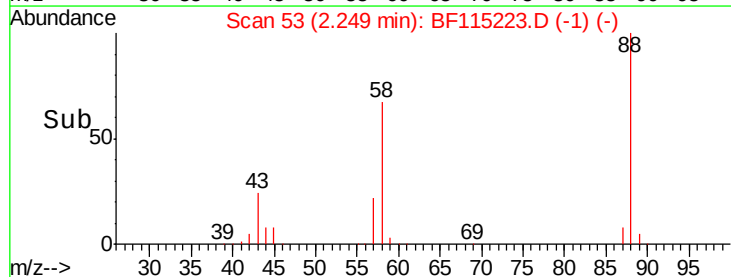
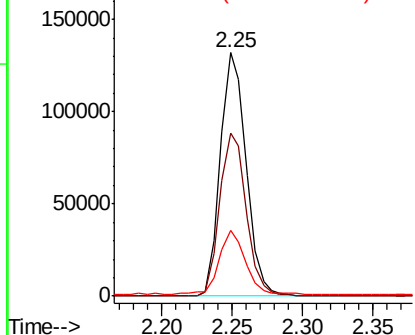
#2

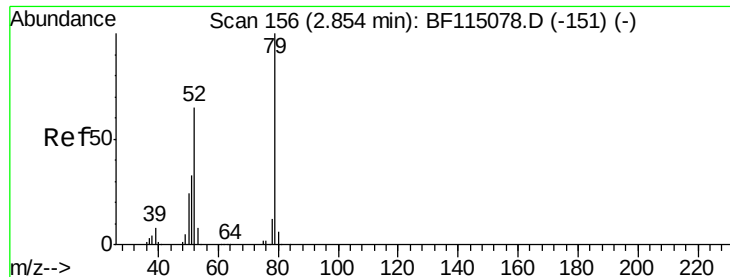
1,4-Dioxane
Concen: 18.639 ng
RT: 2.25 min Scan# 53
Delta R.T. 0.05 min
Lab File: BF115223.D
Acq: 26 Jun 2019 17:04

Tgt Ion	Ratio	Lower	Upper
88	100		
58	69.2	56.1	84.1
43	27.0	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

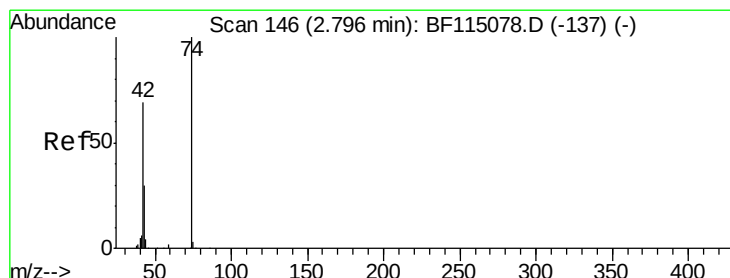
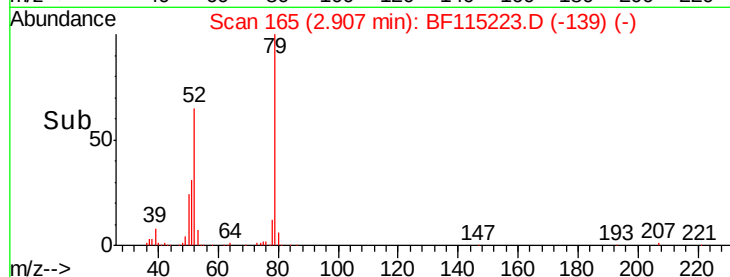
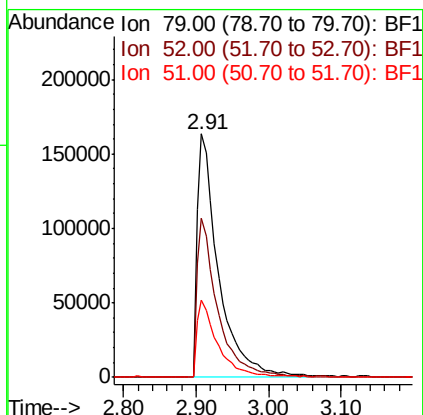
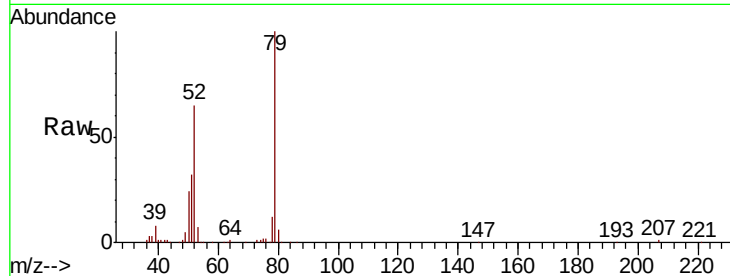




#3
 Pvrindine
 Concen: 13.234 ng
 RT: 2.91 min Scan# 165
 Delta R.T. 0.05 min
 Lab File: BF115223.D
 Acq: 26 Jun 2019 17:04

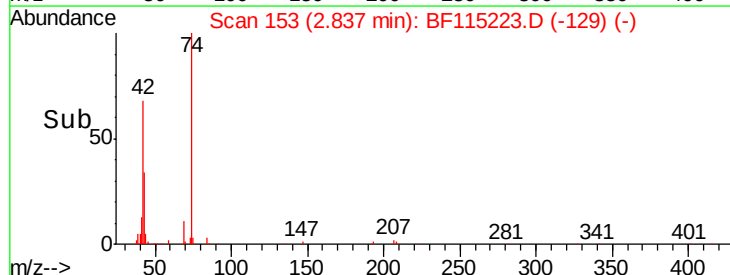
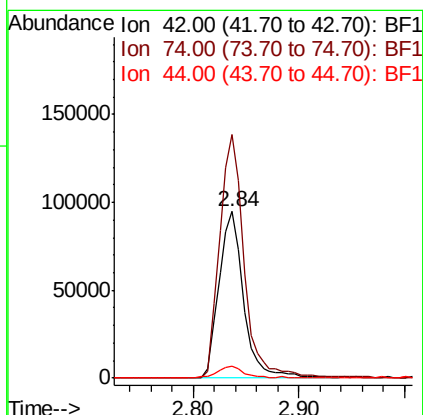
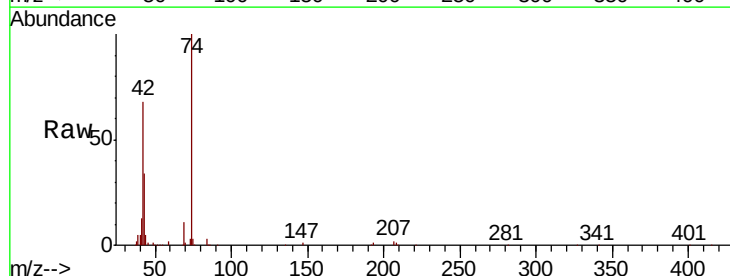
Instrument :
 BNA_F
 ClientSampleId :

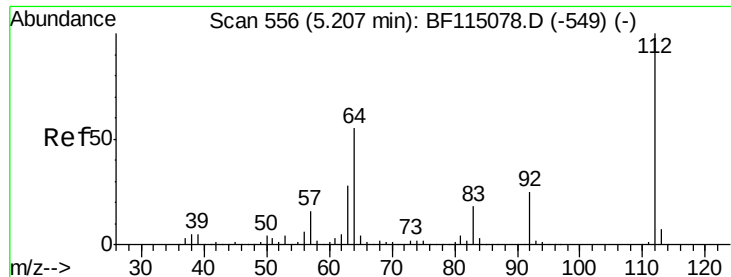
Tot Ion: 79 Resp: 335515
 Ion Ratio Lower Upper
 79 100
 52 65.3 52.3 78.5
 51 31.6 26.1 39.1



#4
 n-Nitrosodimethylamine
 Concen: 15.623 ng
 RT: 2.84 min Scan# 153
 Delta R.T. 0.04 min
 Lab File: BF115223.D
 Acq: 26 Jun 2019 17:04

Tgt Ion: 42 Resp: 155272
 Ion Ratio Lower Upper
 42 100
 74 146.2 116.6 175.0
 44 7.4 5.3 7.9





#5

2-Fluorophenol

Concen: 55.255 ng

RT: 5.22 min Scan# 558

Delta R.T. 0.01 min

Lab File: BF115223.D

Acq: 26 Jun 2019 17:04

Instrument :
BNA_F
ClientSampled :

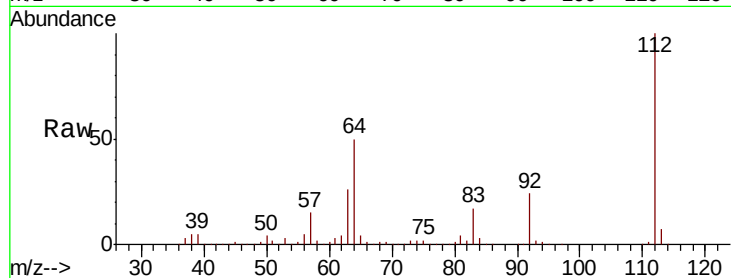
Tot Ion:112 Resp: 1053114

Ion Ratio Lower Upper

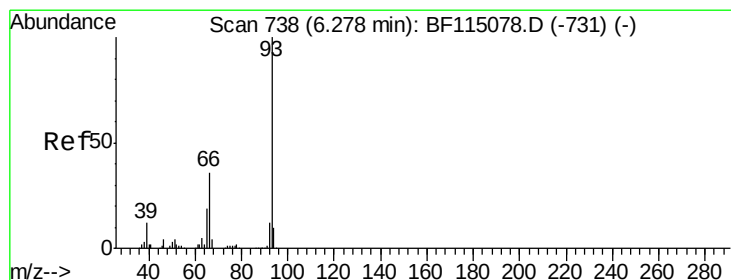
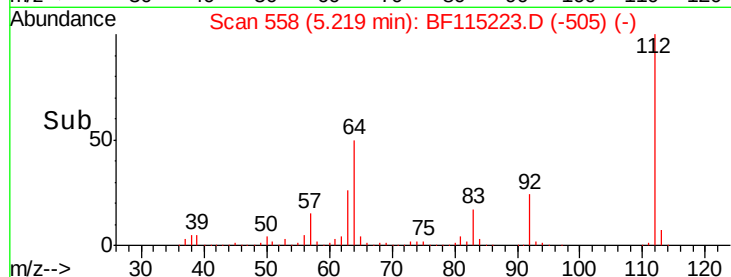
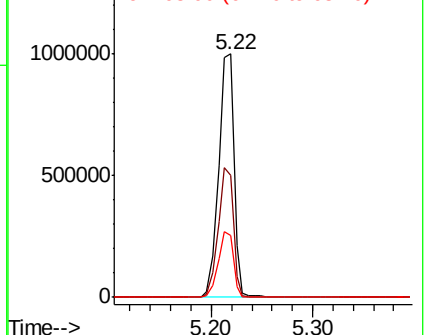
112 100

64 50.3 43.8 65.6

63 25.6 22.2 33.4



Abundance Ion 112.00 (111.70 to 112.70): BF1
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 14.456 ng

RT: 6.27 min Scan# 737

Delta R.T. -0.01 min

Lab File: BF115223.D

Acq: 26 Jun 2019 17:04

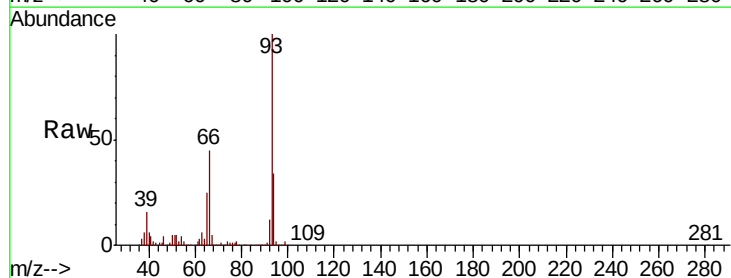
Tgt Ion: 93 Resp: 459602

Ion Ratio Lower Upper

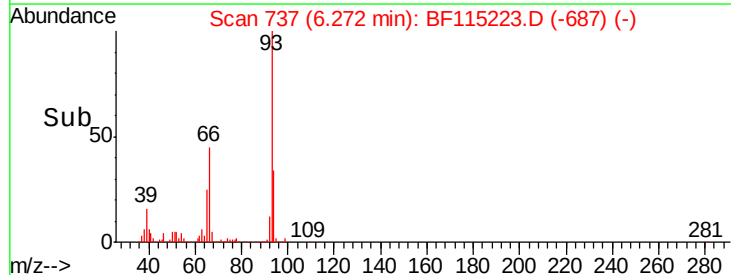
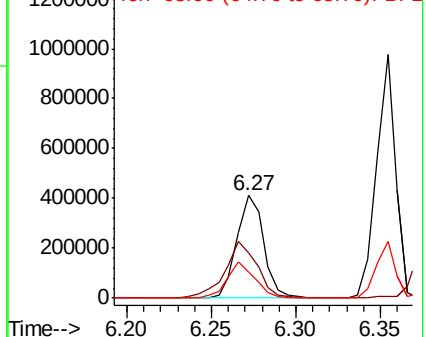
93 100

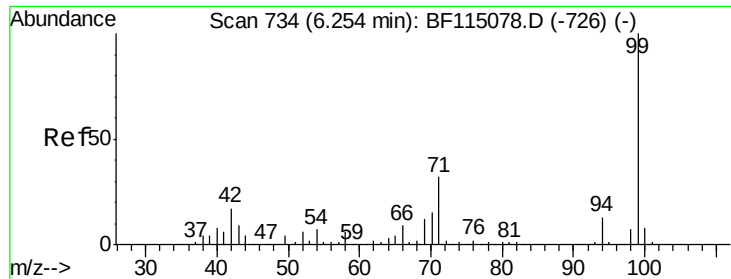
66 44.6 30.0 45.0

65 25.1 15.6 23.4#



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 66.00 (65.70 to 66.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 36.632 ng

RT: 6.25 min Scan# 734

Delta R.T. 0.00 min

Lab File: BF115223.D

Acq: 26 Jun 2019 17:04

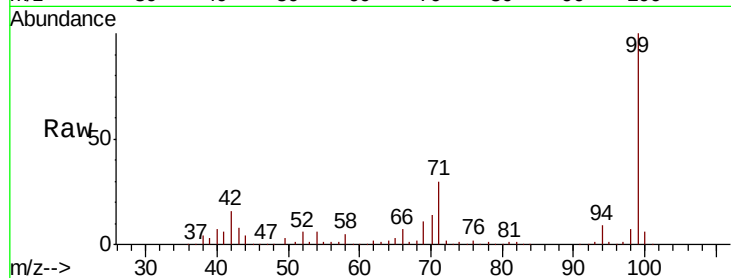
Instrument :

BNA_F

ClientSampled :

Tot Ion: 99 Resp: 847419

Ion	Ratio	Lower	Upper
99	100		
42	15.6	13.6	20.4
71	30.1	25.5	38.3

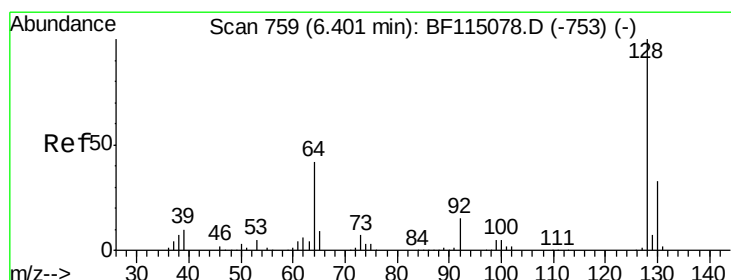
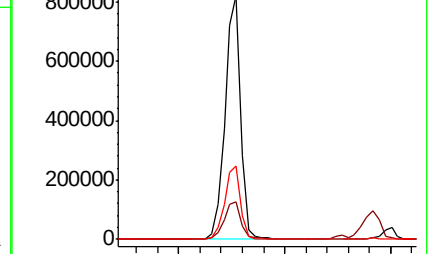
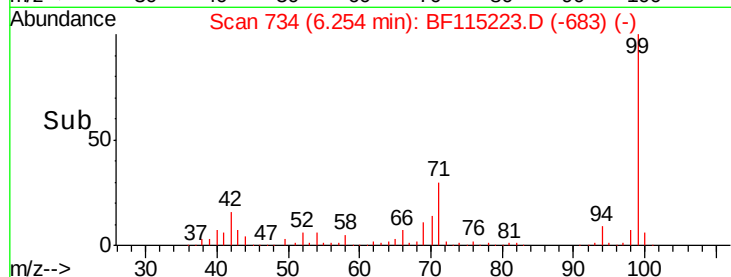


Abundance

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: 31.957 ng

RT: 6.40 min Scan# 759

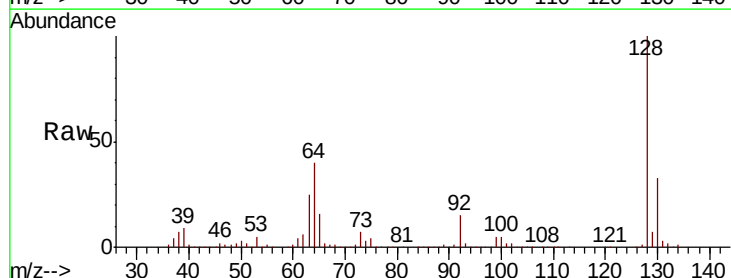
Delta R.T. 0.00 min

Lab File: BF115223.D

Acq: 26 Jun 2019 17:04

Tgt Ion: 128 Resp: 684863

Ion	Ratio	Lower	Upper
128	100		
130	32.9	12.9	52.9
64	40.1	22.9	62.9

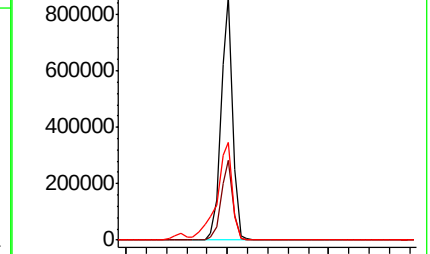
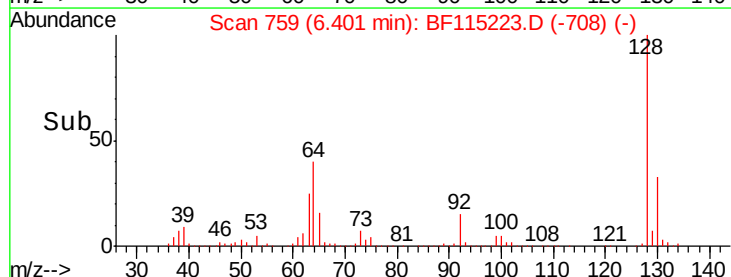


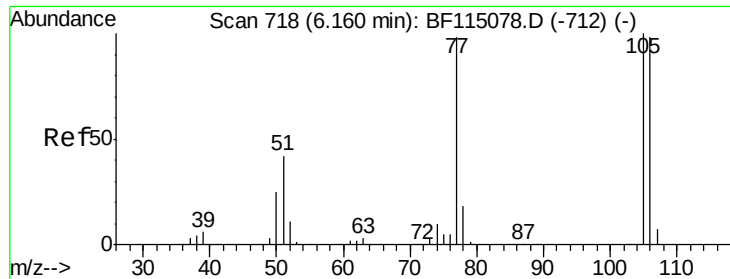
Abundance

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: 11.145 ng

RT: 6.15 min Scan# 717

Delta R.T. -0.01 min

Lab File: BF115223.D

Acq: 26 Jun 2019 17:04

Instrument :

BNA_F

ClientSampleId :

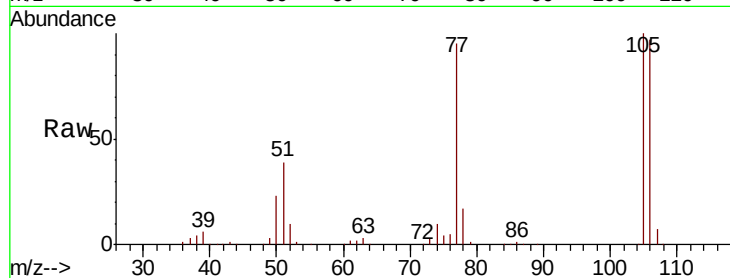
Tot Ion: 77 Resp: 168200

Ion Ratio Lower Upper

77 100

105 105.4 81.5 121.5

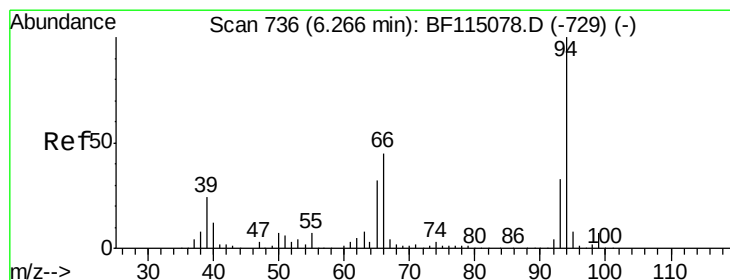
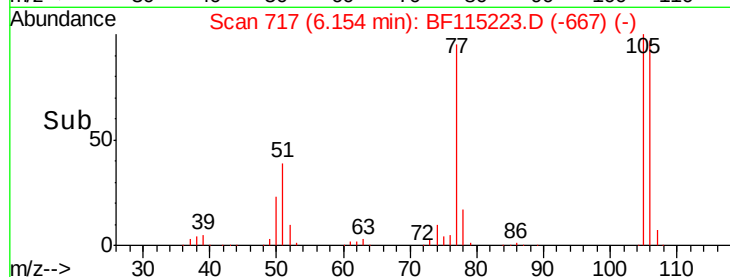
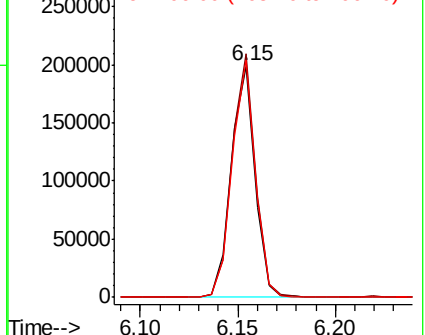
106 102.6 79.7 119.7



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: 12.851 ng

RT: 6.27 min Scan# 736

Delta R.T. 0.00 min

Lab File: BF115223.D

Acq: 26 Jun 2019 17:04

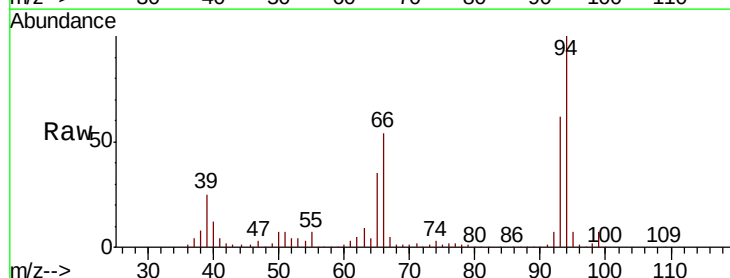
Tgt Ion: 94 Resp: 348219

Ion Ratio Lower Upper

94 100

65 34.7 11.9 51.9

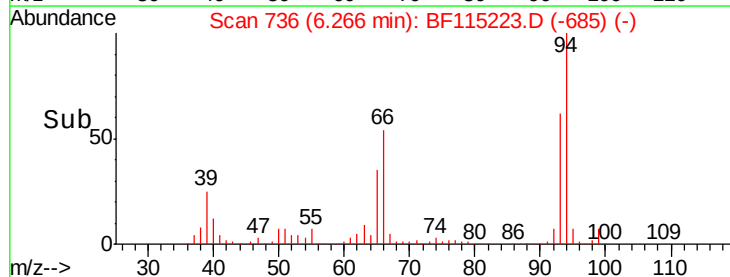
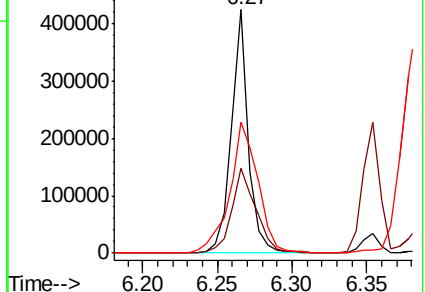
66 53.6 25.2 65.2

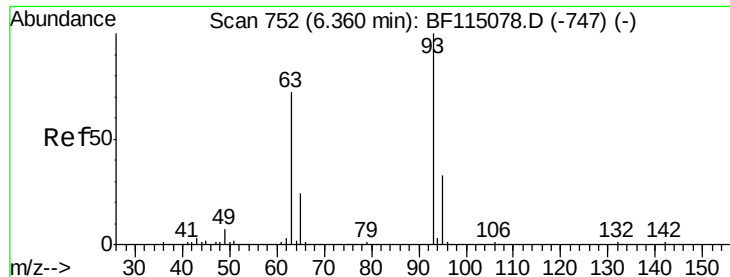


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 38.585 ng

RT: 6.35 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF115223.D

Acq: 26 Jun 2019 17:04

Instrument :

BNA_F

ClientSampleId :

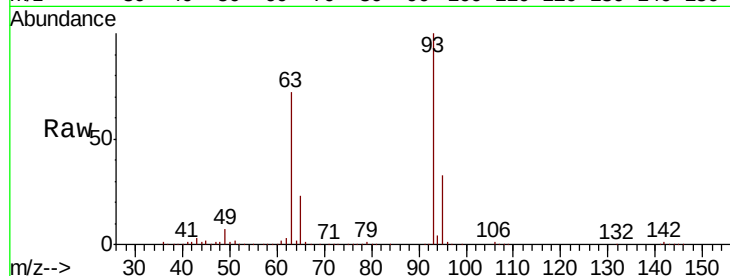
Tot Ion: 93 Resp: 770713

Ion Ratio Lower Upper

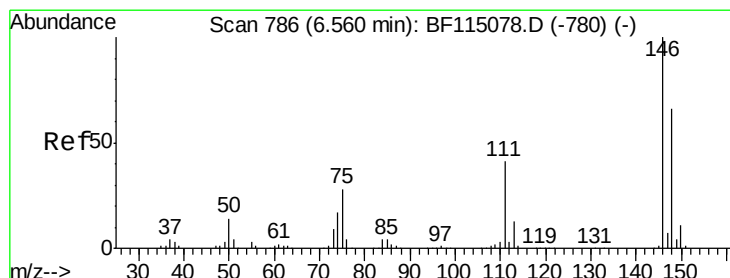
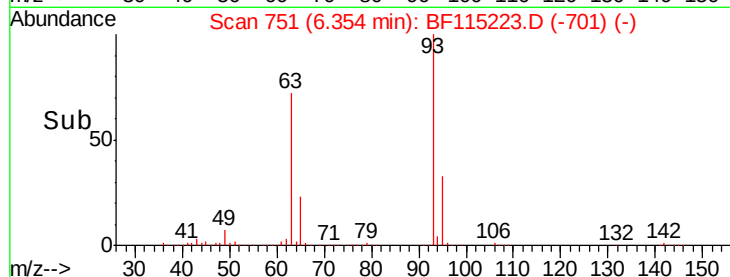
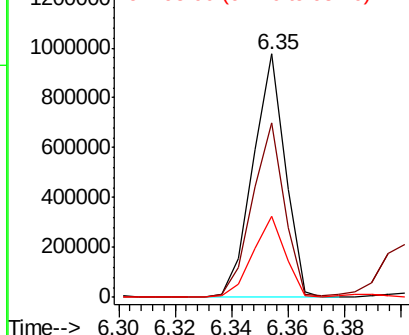
93 100

63 71.9 51.5 91.5

95 33.1 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: 38.221 ng

RT: 6.55 min Scan# 785

Delta R.T. -0.01 min

Lab File: BF115223.D

Acq: 26 Jun 2019 17:04

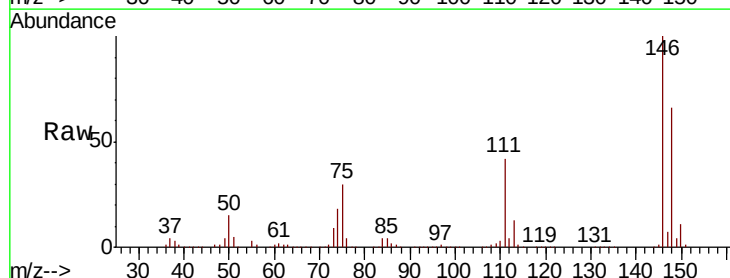
Tgt Ion: 146 Resp: 909069

Ion Ratio Lower Upper

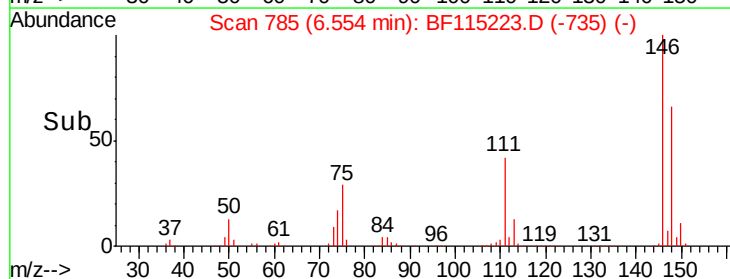
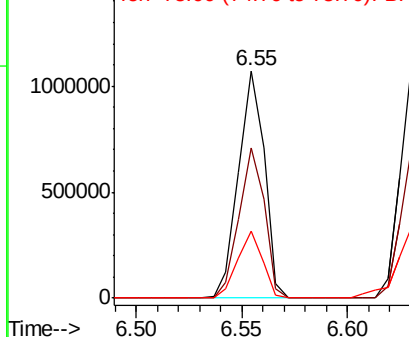
146 100

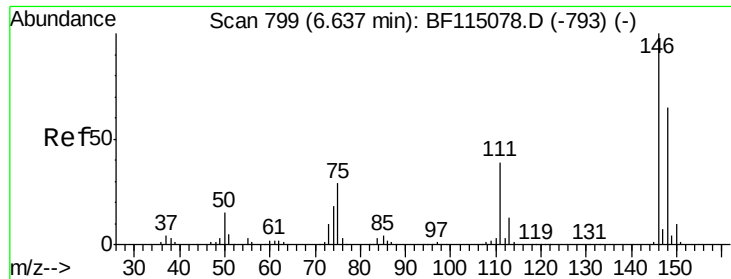
148 66.0 52.6 78.8

75 29.5 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

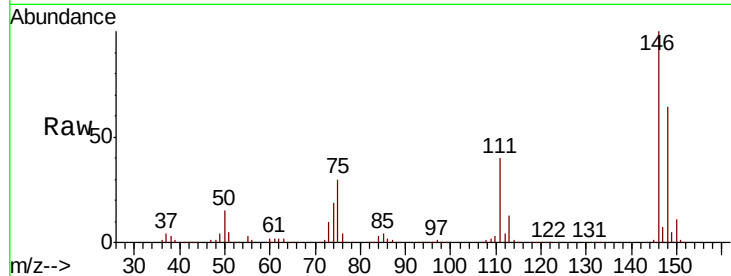




#13
 1,4-Dichlorobenzene
 Concen: 40.503 ng
 RT: 6.63 min Scan# 798
 Delta R.T. -0.01 min
 Lab File: BF115223.D
 Acq: 26 Jun 2019 17:04

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.4	51.9	77.9
111	40.4	31.4	47.0

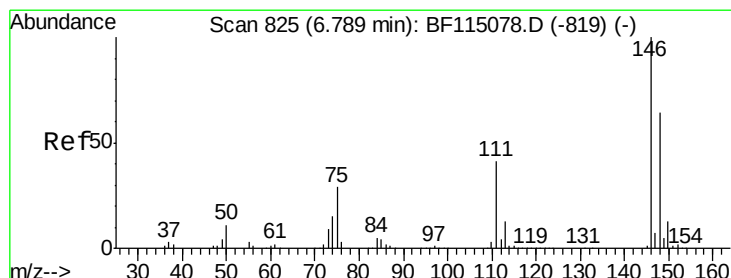
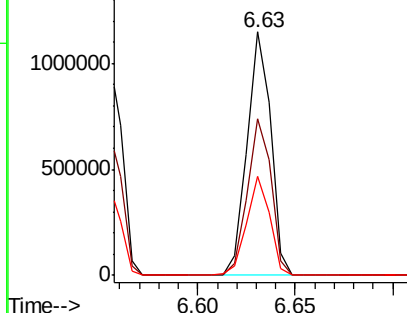
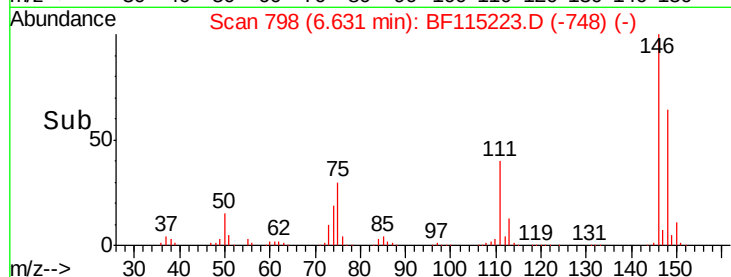


Abundance

Ion 146.00 (145.70 to 146.70): E

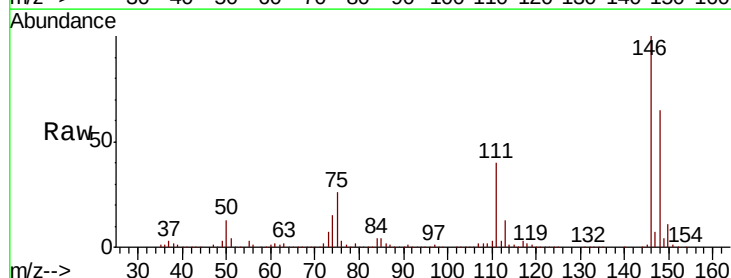
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 39.010 ng
 RT: 6.79 min Scan# 825
 Delta R.T. 0.00 min
 Lab File: BF115223.D
 Acq: 26 Jun 2019 17:04

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.2	51.1	76.7
111	39.9	33.2	49.8

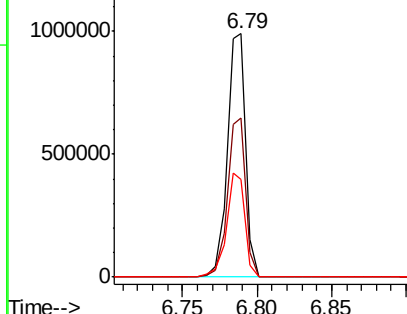
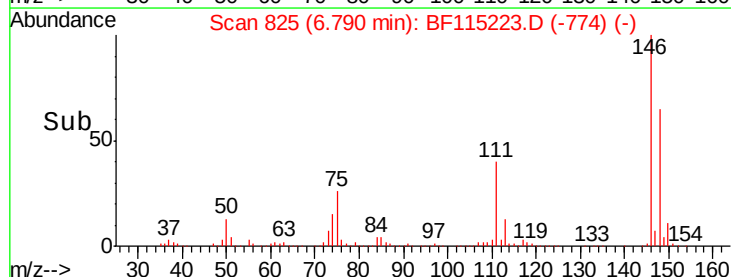


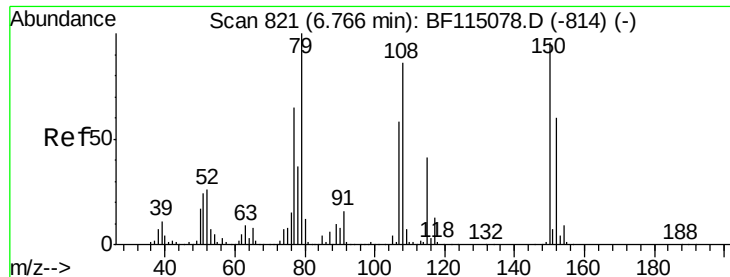
Abundance

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: 25.133 ng

RT: 6.76 min Scan# 820

Delta R.T. -0.01 min

Lab File: BF115223.D

Acq: 26 Jun 2019 17:04

Instrument :

BNA_F

ClientSampleId :

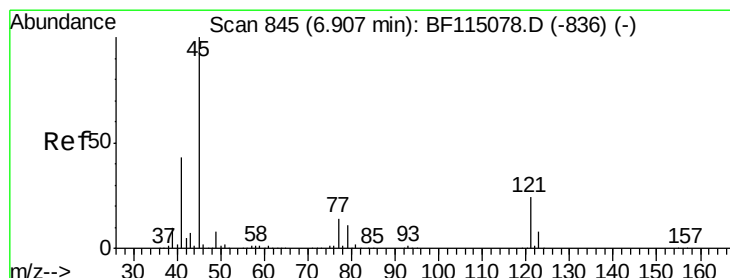
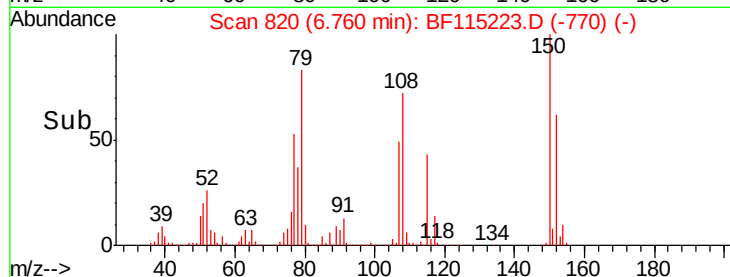
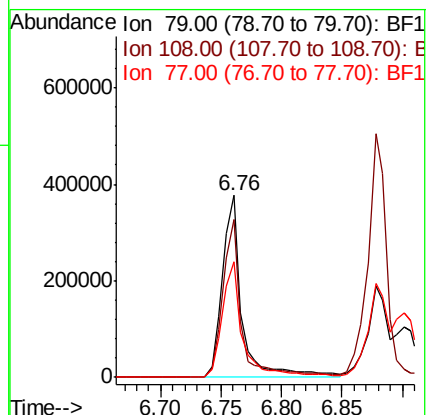
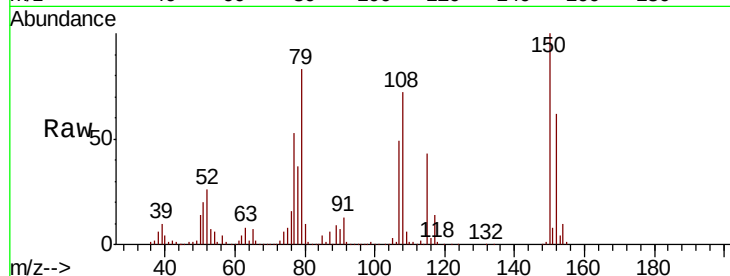
Tot Ion: 79 Resp: 423356

Ion Ratio Lower Upper

79 100

108 86.7 68.7 103.1

77 64.0 51.7 77.5



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.699 ng

RT: 6.90 min Scan# 844

Delta R.T. -0.01 min

Lab File: BF115223.D

Acq: 26 Jun 2019 17:04

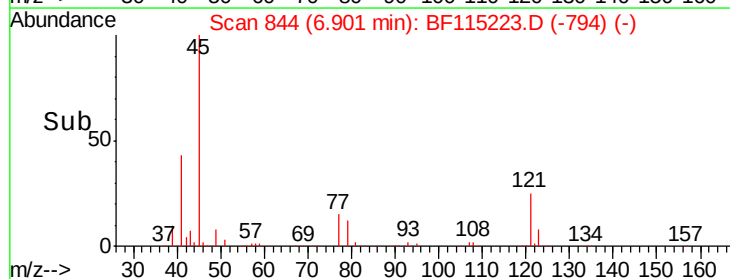
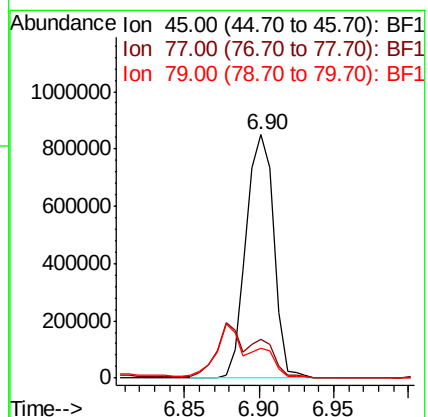
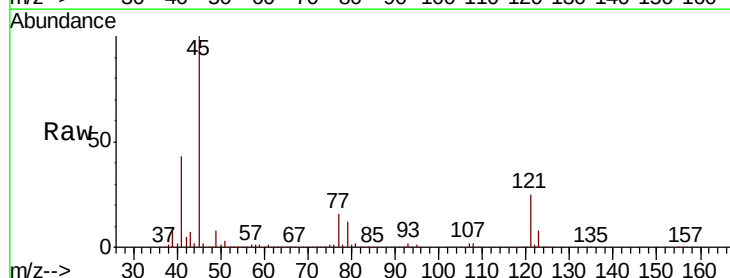
Tgt Ion: 45 Resp: 1092167

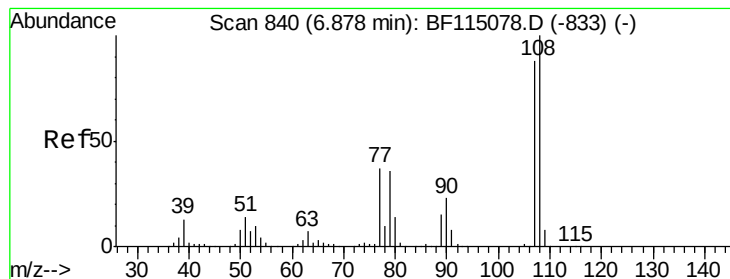
Ion Ratio Lower Upper

45 100

77 15.7 0.0 34.6

79 12.2 0.0 31.2





#17

2-Methylphenol

Concen: 27.085 ng

RT: 6.88 min Scan# 840

Delta R.T. 0.00 min

Lab File: BF115223.D

Acq: 26 Jun 2019 17:04

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 479120

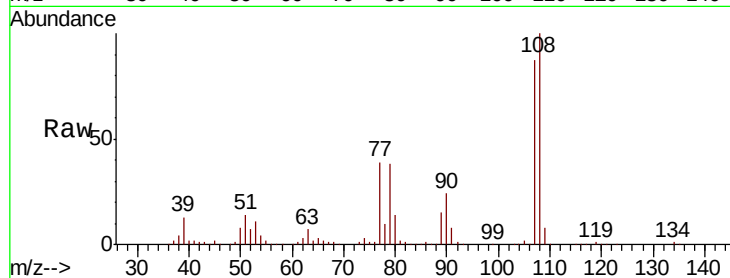
Ion Ratio Lower Upper

107 100

108 115.3 90.9 136.3

77 44.7 33.4 50.2

79 43.3 32.3 48.5

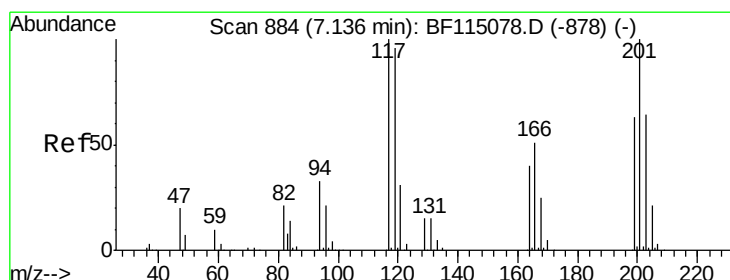
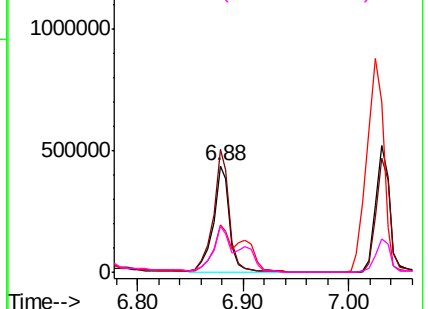
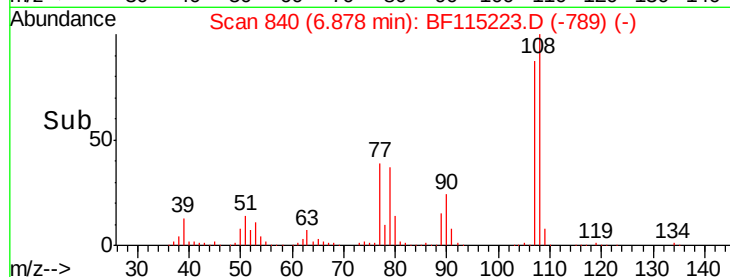


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 38.300 ng

RT: 7.13 min Scan# 883

Delta R.T. -0.01 min

Lab File: BF115223.D

Acq: 26 Jun 2019 17:04

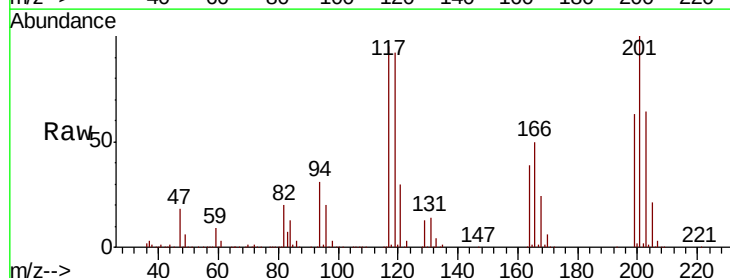
Tgt Ion:117 Resp: 329323

Ion Ratio Lower Upper

117 100

119 97.7 76.6 114.8

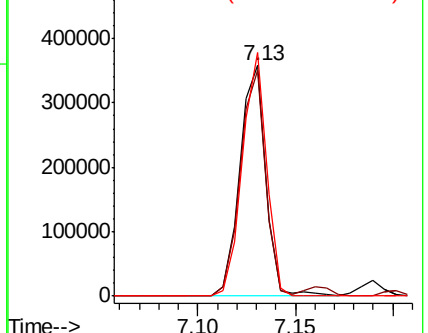
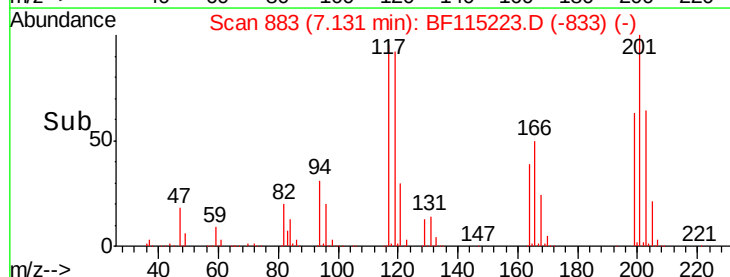
201 105.7 80.2 120.2

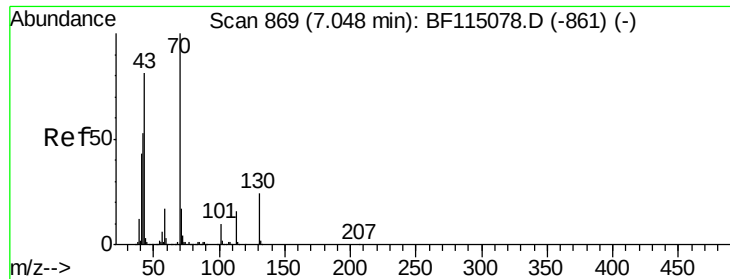


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

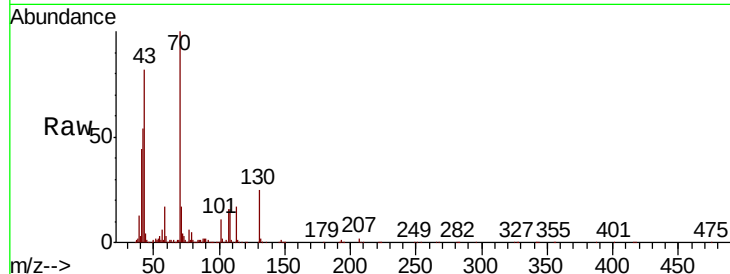




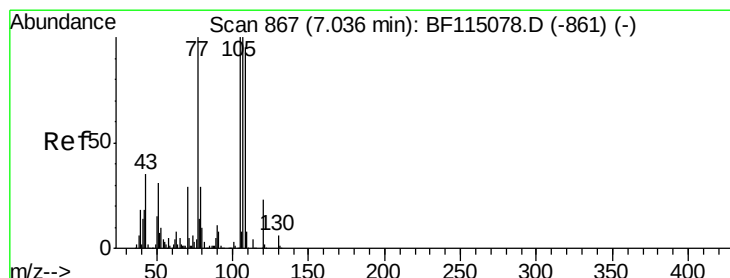
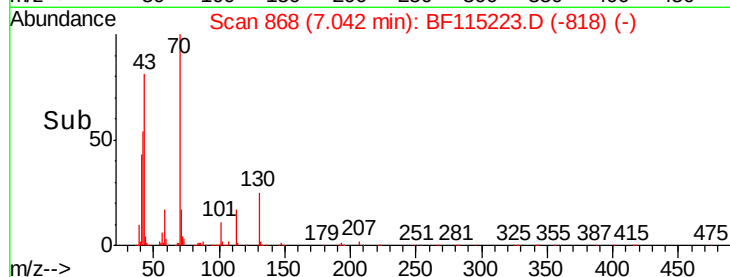
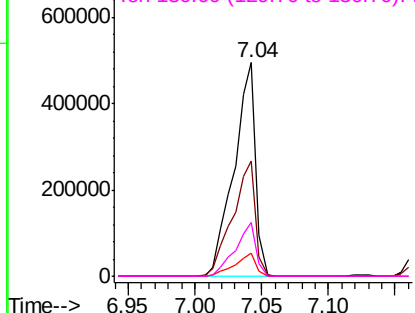
#19
n-Nitroso-di-n-propylamine
Concen: 38.030 ng
RT: 7.04 min Scan# 868
Delta R.T. -0.01 min
Lab File: BF115223.D
Acq: 26 Jun 2019 17:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	70	Resp:	563227
Ion	Ratio	Lower	Upper
70	100		
42	53.8	42.6	63.8
101	10.7	8.0	12.0
130	25.3	19.4	29.0

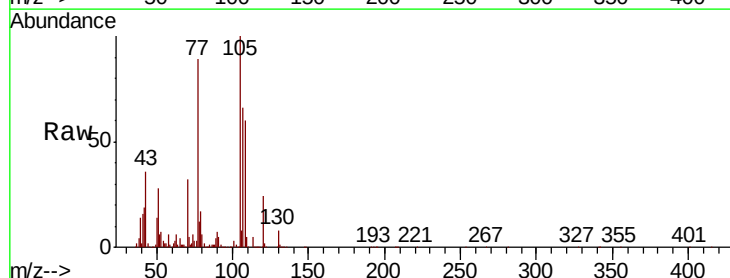


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

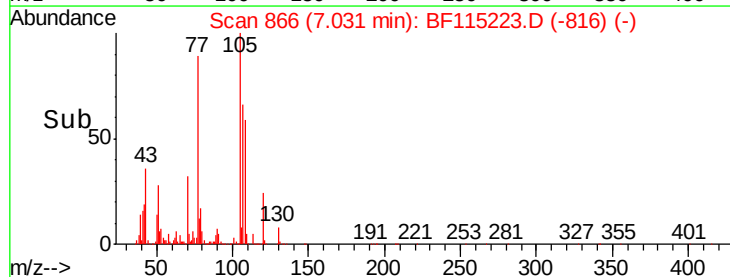
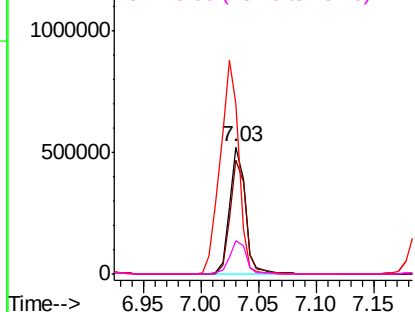


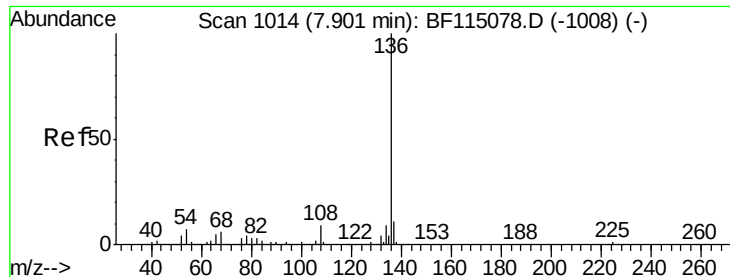
#20
3+4-Methylphenols
Concen: 23.888 ng
RT: 7.03 min Scan# 866
Delta R.T. -0.01 min
Lab File: BF115223.D
Acq: 26 Jun 2019 17:04

Tgt Ion:	107	Resp:	487930
Ion	Ratio	Lower	Upper
107	100		
108	89.9	75.5	115.5
77	134.4	80.2	120.2#
79	26.3	9.5	49.5



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

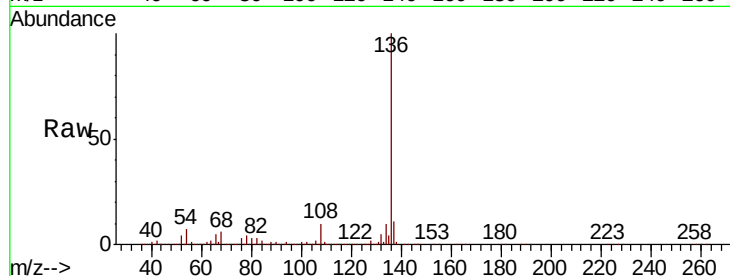




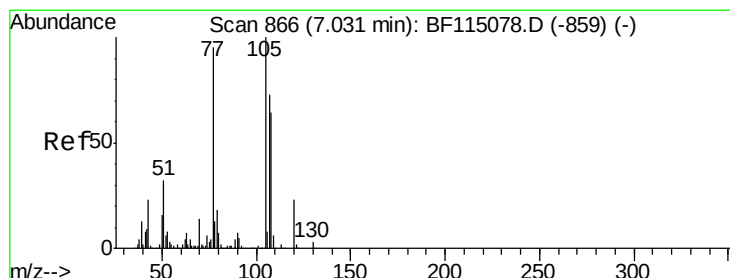
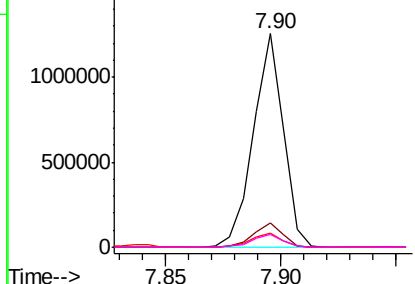
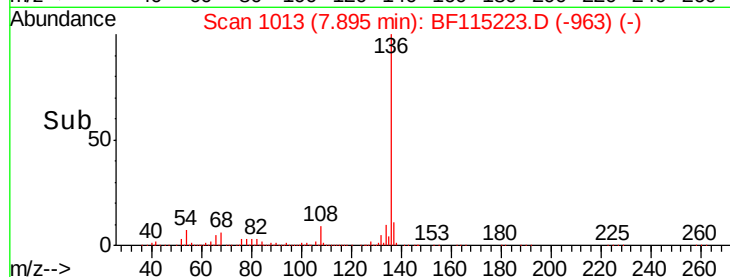
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.90 min Scan# 1013
Delta R.T. -0.01 min
Lab File: BF115223.D
Acq: 26 Jun 2019 17:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp: 1138999
Ion Ratio	Lower Upper
136 100	
137 11.4	8.9 13.3
54 6.8	5.6 8.4
68 6.0	4.8 7.2

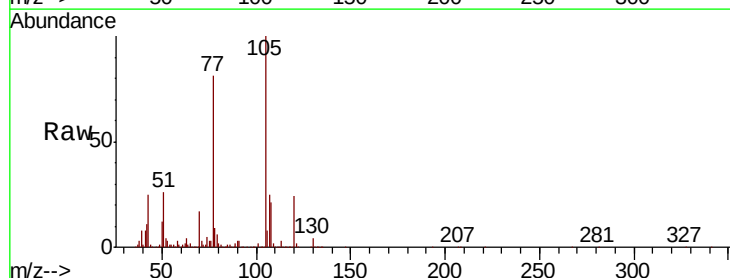


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

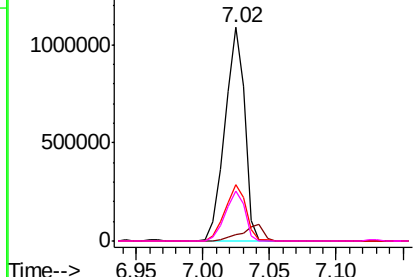
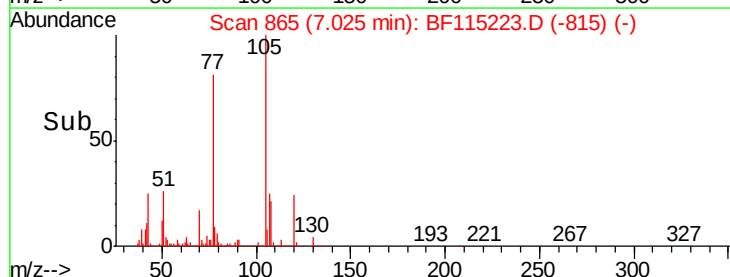


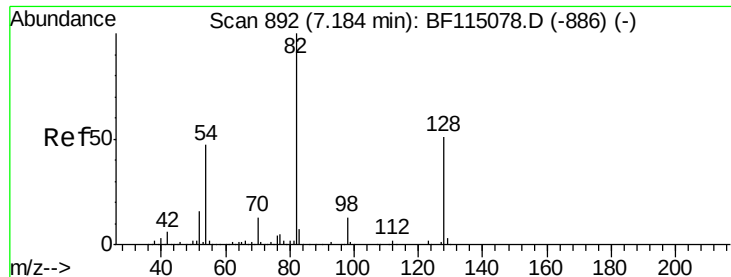
#22
Acetophenone
Concen: 43.770 ng
RT: 7.02 min Scan# 865
Delta R.T. -0.01 min
Lab File: BF115223.D
Acq: 26 Jun 2019 17:04

Tgt	Ion:105	Resp:	1141331
Ion	Ratio	Lower	Upper
105	100		
71	2.9	1.9	2.9#
51	26.4	25.8	38.8
120	23.5	18.5	27.7



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF1
Ion 51.00 (50.70 to 51.70): BF1
Ion 120.00 (119.70 to 120.70): E



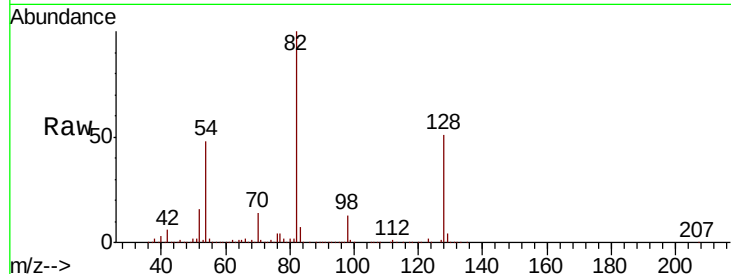


#23
 Nitrobenzene-d5
 Concen: 88.439 ng
 RT: 7.18 min Scan# 891
 Delta R.T. -0.01 min
 Lab File: BF115223.D
 Acq: 26 Jun 2019 17:04

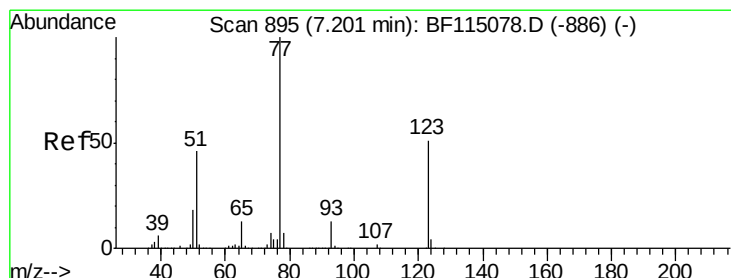
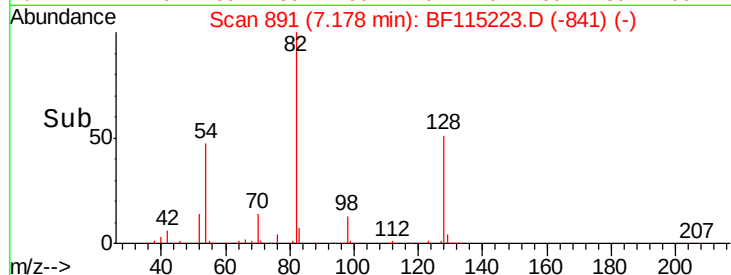
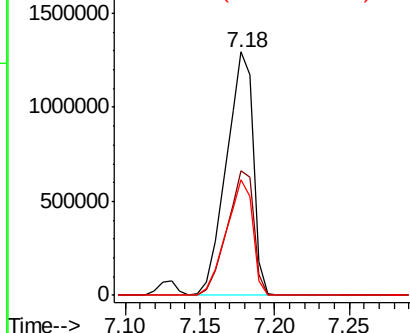
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 1637509

Ion	Ratio	Lower	Upper
82	100		
128	51.0	40.4	60.6
54	47.7	37.5	56.3



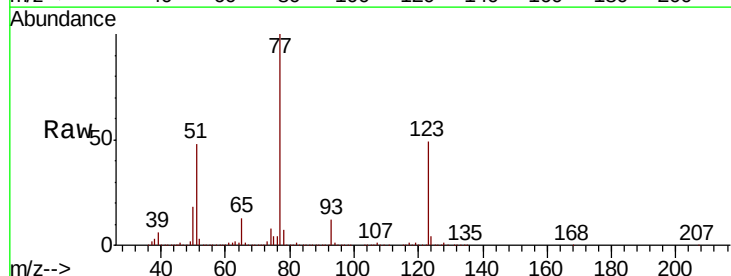
Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1



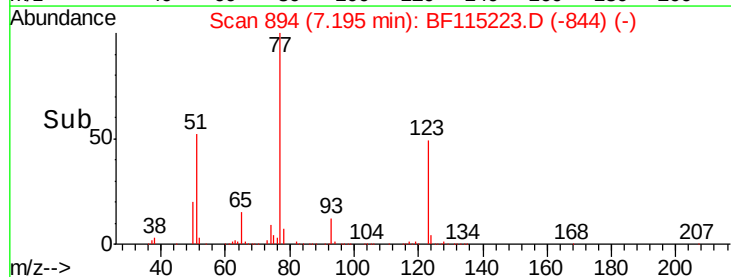
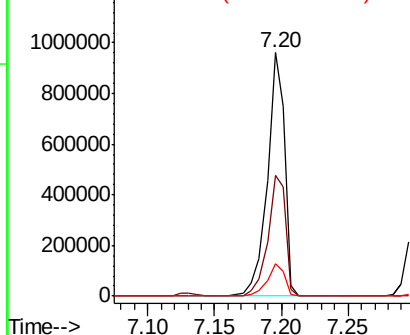
#24
 Nitrobenzene
 Concen: 42.079 ng
 RT: 7.20 min Scan# 894
 Delta R.T. -0.01 min
 Lab File: BF115223.D
 Acq: 26 Jun 2019 17:04

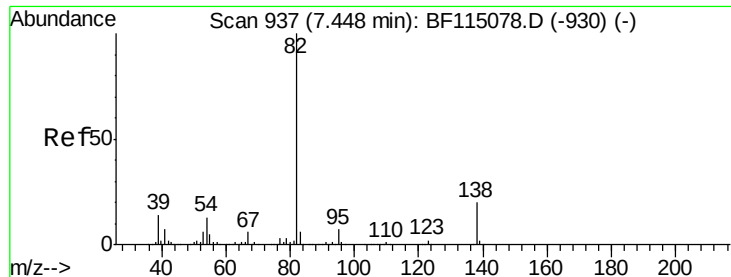
Tgt Ion: 77 Resp: 858344

Ion	Ratio	Lower	Upper
77	100		
123	49.4	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: 41.069 ng

RT: 7.44 min Scan# 936

Delta R.T. -0.01 min

Lab File: BF115223.D

Acq: 26 Jun 2019 17:04

Instrument :

BNA_F

ClientSampleId :

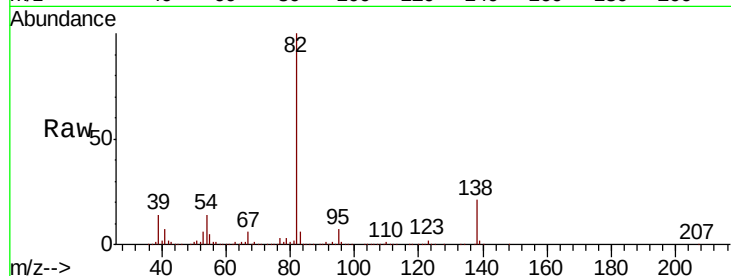
Tot Ion: 82 Resp: 1557753

Ion Ratio Lower Upper

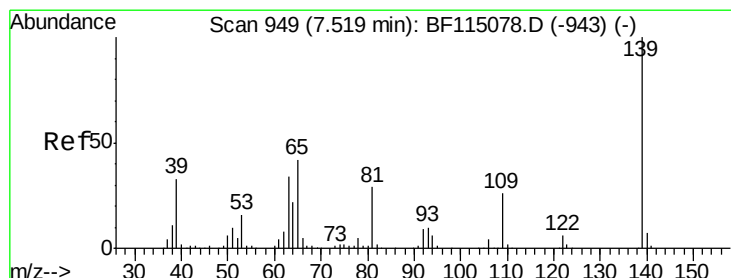
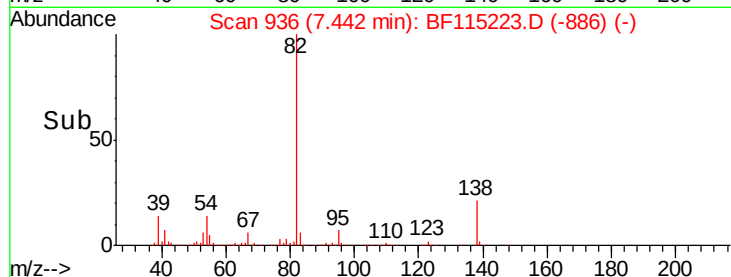
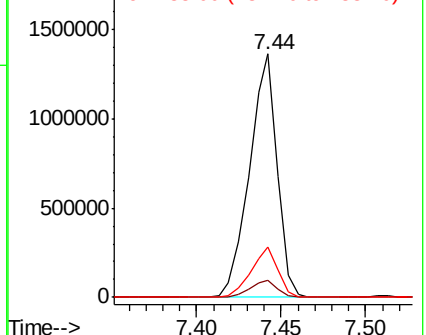
82 100

95 7.2 5.4 8.2

138 20.9 15.9 23.9



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 44.450 ng

RT: 7.51 min Scan# 948

Delta R.T. -0.01 min

Lab File: BF115223.D

Acq: 26 Jun 2019 17:04

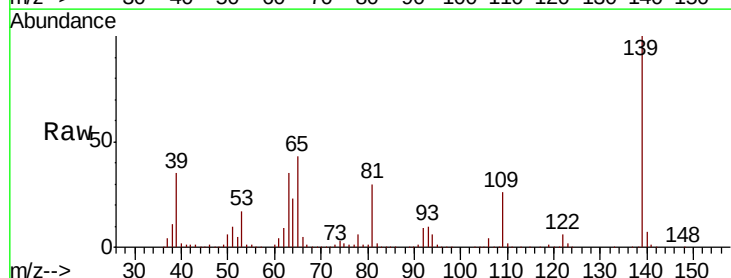
Tgt Ion: 139 Resp: 447776

Ion Ratio Lower Upper

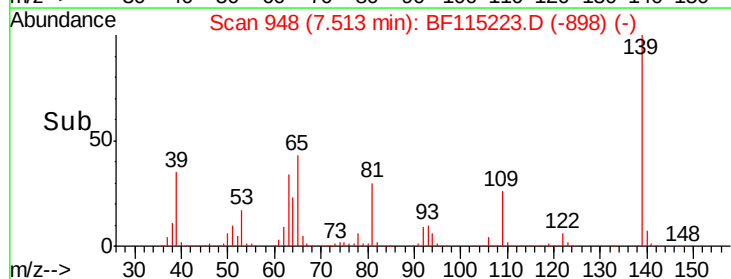
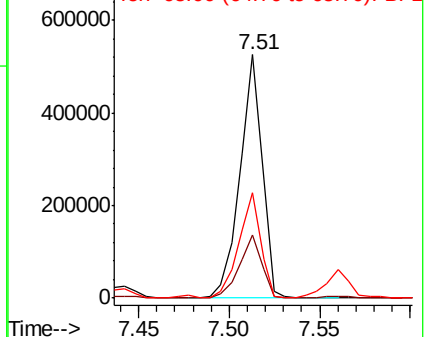
139 100

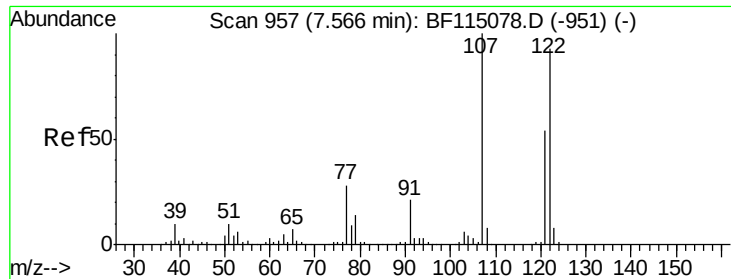
109 25.8 20.4 30.6

65 43.5 33.6 50.4



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





#27

2,4-Dimethylphenol

Concen: 39.625 ng

RT: 7.56 min Scan# 956

Delta R.T. -0.01 min

Lab File: BF115223.D

Acq: 26 Jun 2019 17:04

Instrument :

BNA_F

ClientSampled :

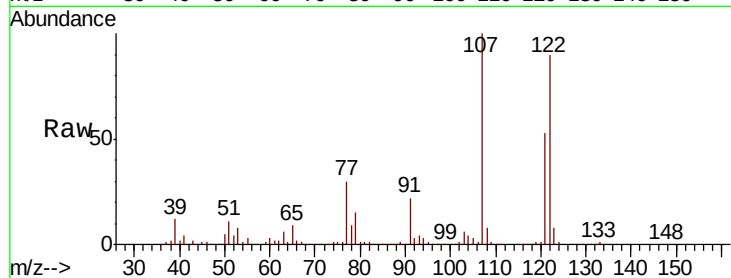
Tot Ion:122 Resp: 653549

Ion Ratio Lower Upper

122 100

107 111.7 85.8 128.6

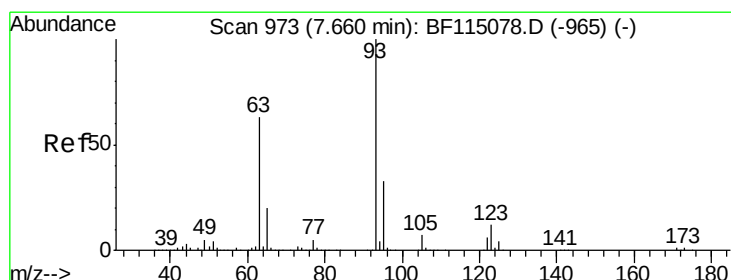
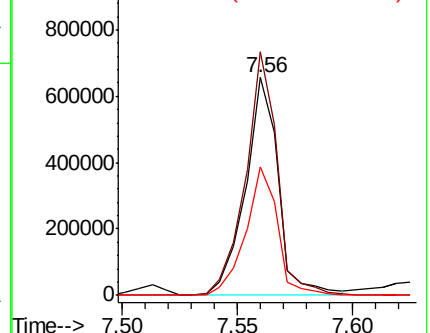
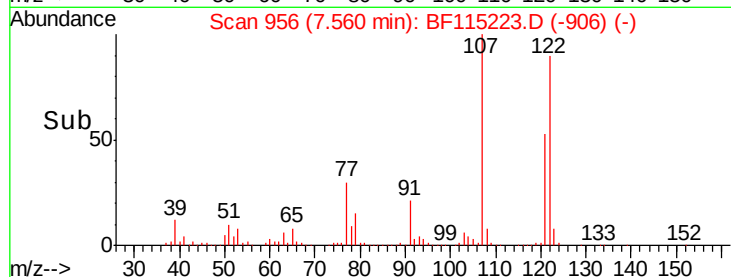
121 58.9 46.3 69.5



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: 41.037 ng

RT: 7.65 min Scan# 972

Delta R.T. -0.01 min

Lab File: BF115223.D

Acq: 26 Jun 2019 17:04

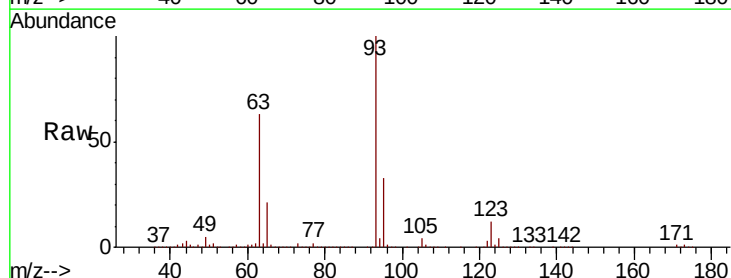
Tgt Ion: 93 Resp: 983791

Ion Ratio Lower Upper

93 100

95 33.1 26.2 39.4

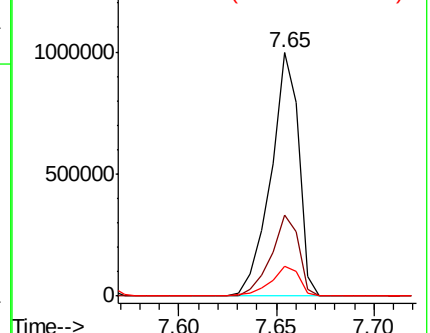
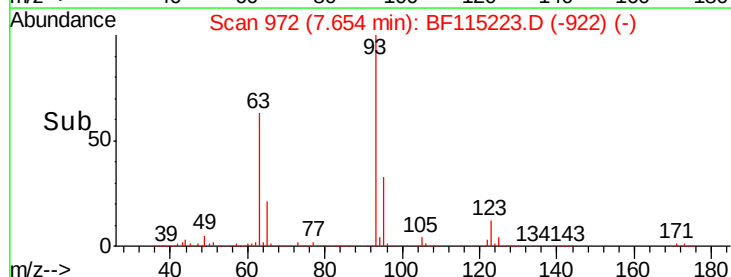
123 12.2 9.7 14.5

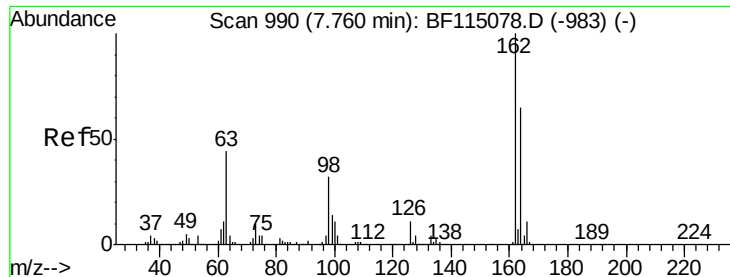


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

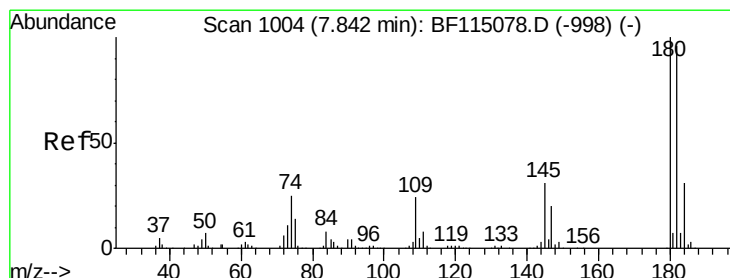
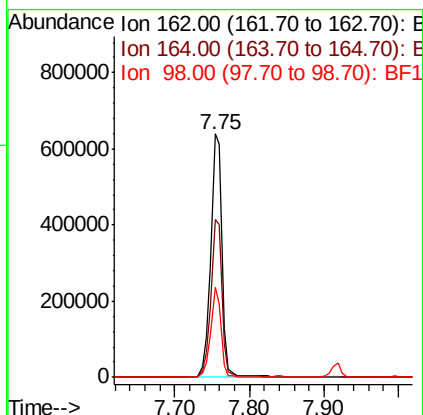
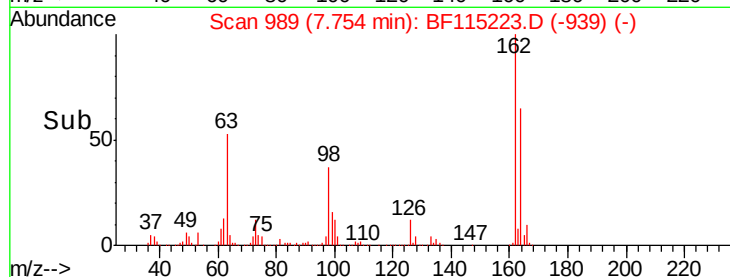
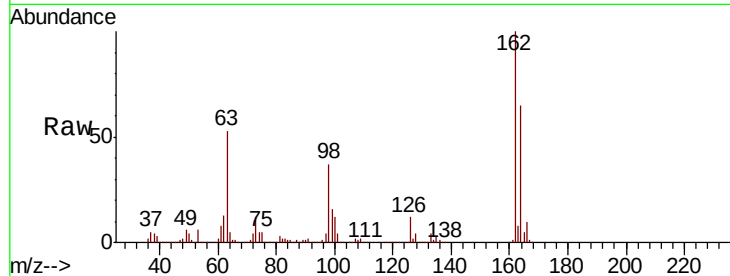




#29
2,4-Dichlorophenol
Concen: 39.131 ng
RT: 7.75 min Scan# 989
Delta R.T. -0.01 min
Lab File: BF115223.D
Acq: 26 Jun 2019 17:04

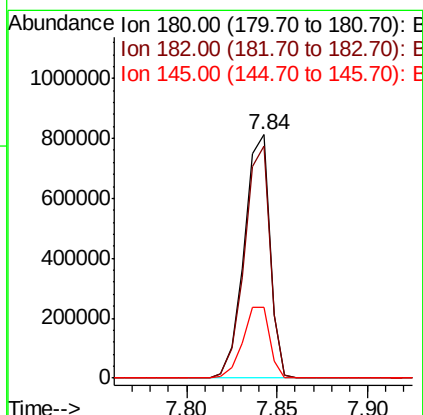
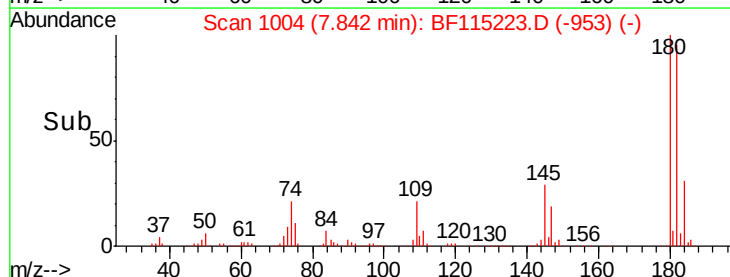
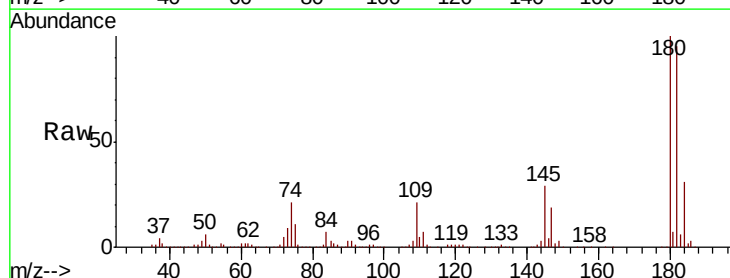
Instrument :
BNA_F
ClientSampleId :

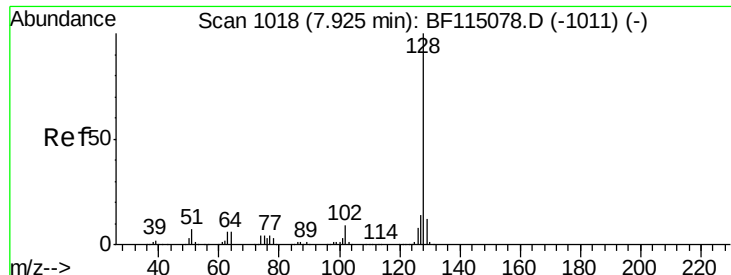
Tot Ion:162 Resp: 666048
Ion Ratio Lower Upper
162 100
164 64.9 45.3 85.3
98 36.9 12.5 52.5



#30
1,2,4-Trichlorobenzene
Concen: 42.592 ng
RT: 7.84 min Scan# 1004
Delta R.T. 0.00 min
Lab File: BF115223.D
Acq: 26 Jun 2019 17:04

Tgt Ion:180 Resp: 800785
Ion Ratio Lower Upper
180 100
182 95.3 76.4 114.6
145 28.9 24.8 37.2

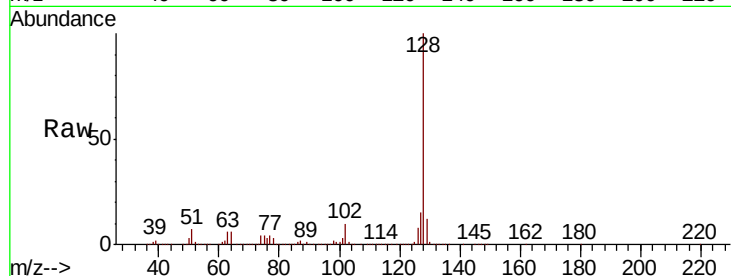




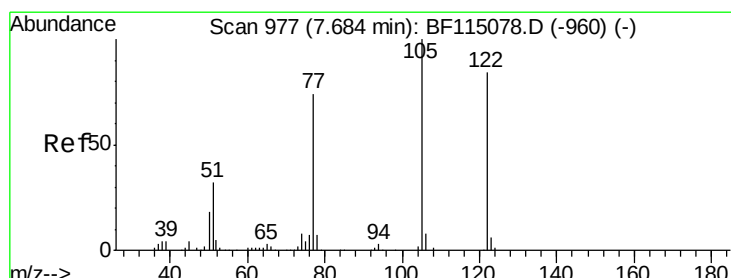
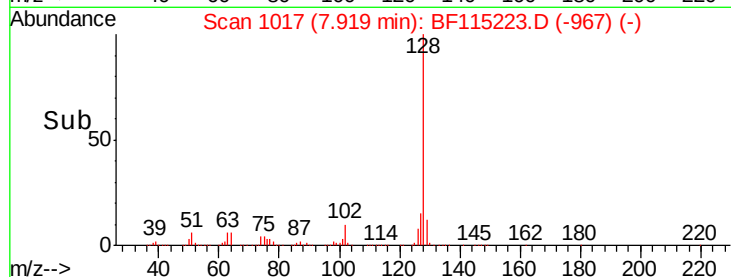
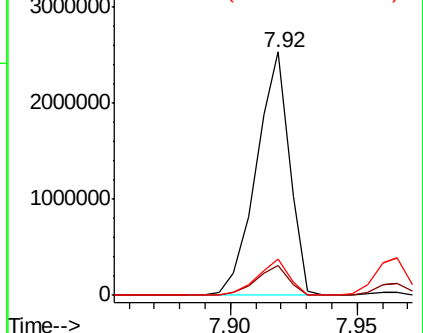
#31
Naphthalene
Concen: 41.519 ng
RT: 7.92 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BF115223.D
Acq: 26 Jun 2019 17:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 2321331
Ion Ratio Lower Upper
128 100
129 12.3 9.6 14.4
127 14.7 11.4 17.0

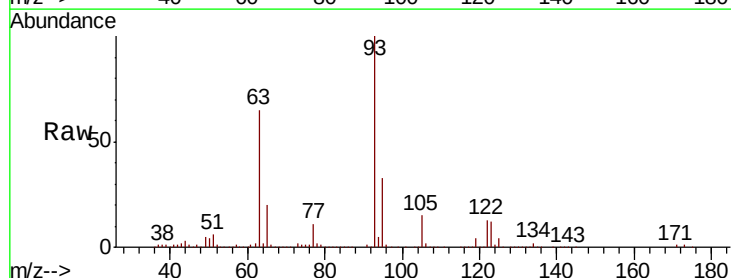


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

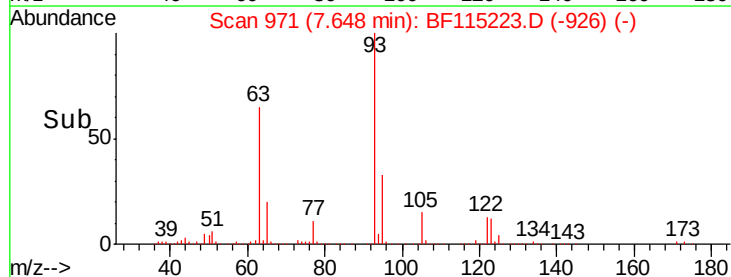
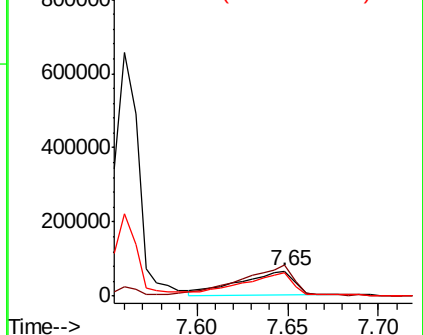


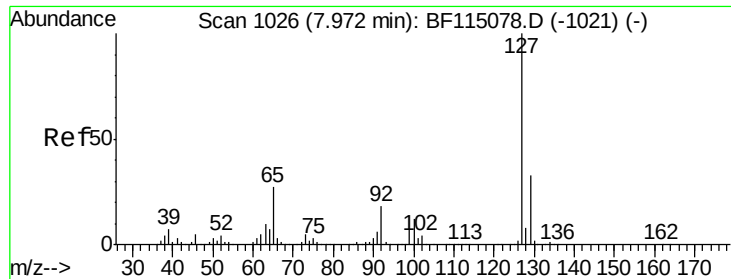
#32
Benzoic acid
Concen: 11.547 ng
RT: 7.65 min Scan# 971
Delta R.T. -0.04 min
Lab File: BF115223.D
Acq: 26 Jun 2019 17:04

Tgt Ion:122 Resp: 135947
Ion Ratio Lower Upper
122 100
105 120.8 98.2 138.2
77 90.9 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

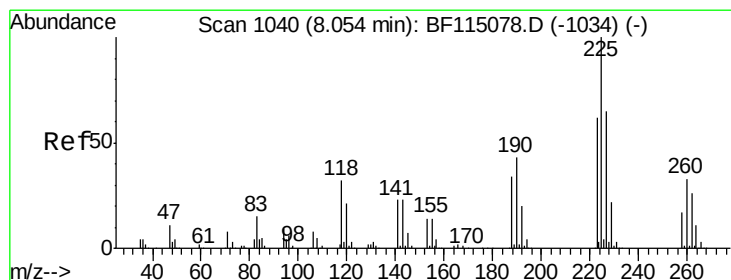
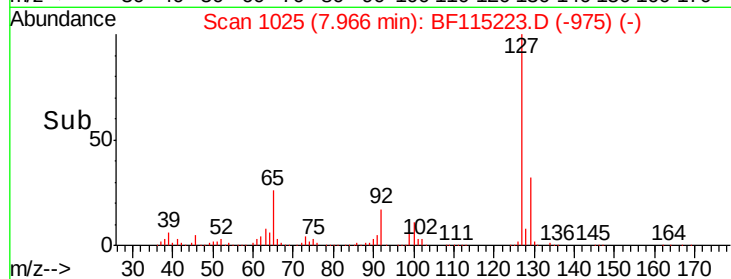
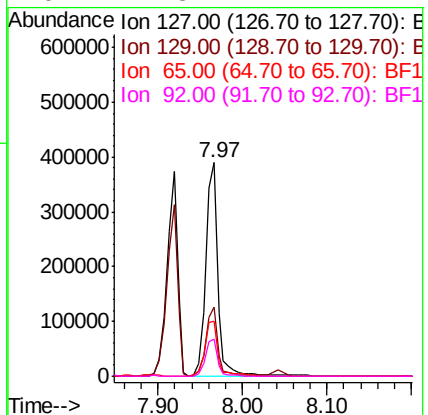
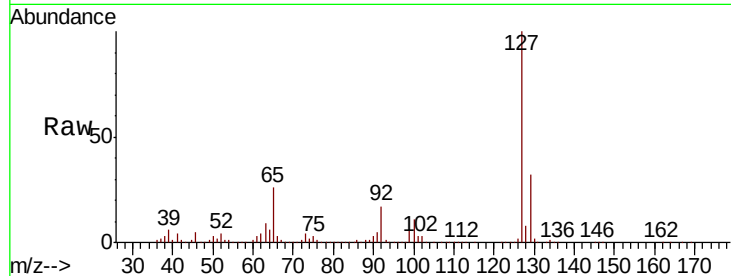




#33
4-Chloroaniline
Concen: 14.966 ng
RT: 7.97 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF115223.D
Acq: 26 Jun 2019 17:04

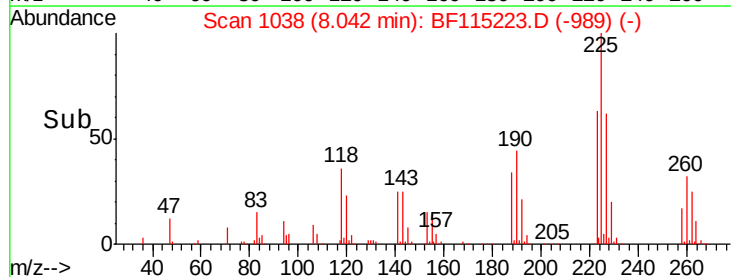
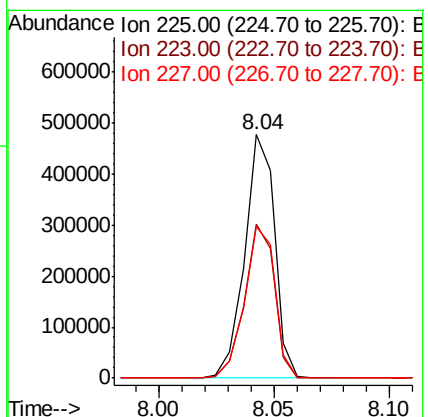
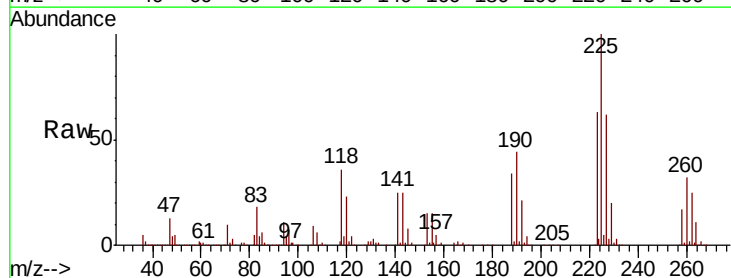
Instrument :
BNA_F
ClientSampleId :

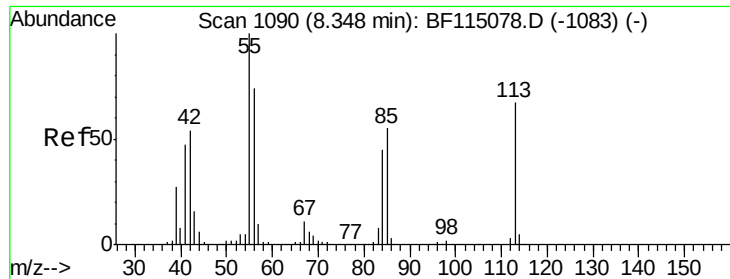
Tot Ion:	127	Resp:	382413
Ion	Ratio	Lower	Upper
127	100		
129	32.1	26.1	39.1
65	25.9	21.4	32.2
92	17.3	14.1	21.1



#34
Hexachlorobutadiene
Concen: 42.055 ng
RT: 8.04 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF115223.D
Acq: 26 Jun 2019 17:04

Tgt Ion:	225	Resp:	433299
Ion	Ratio	Lower	Upper
225	100		
223	63.2	49.4	74.2
227	62.3	51.8	77.8

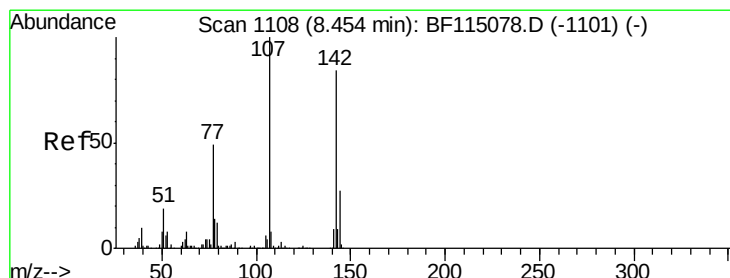
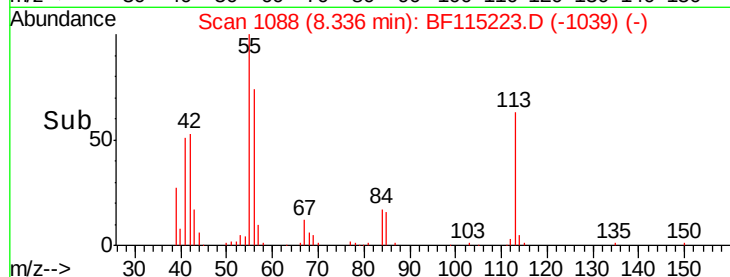
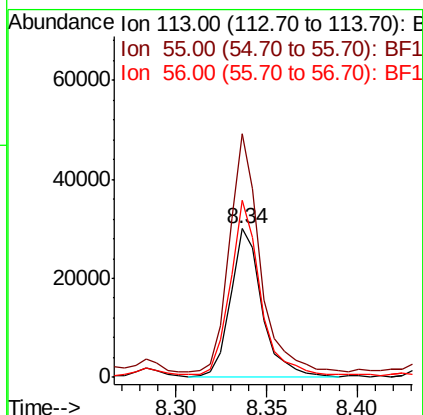
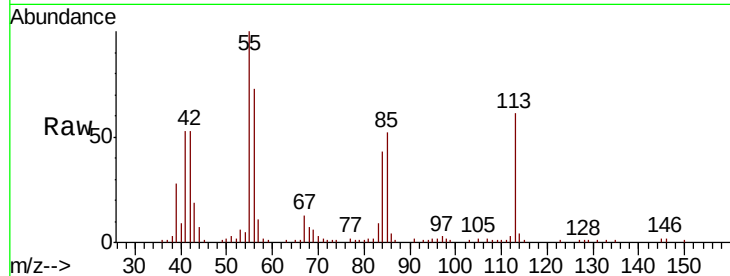




#35
 Caprolactam
 Concen: 6.393 ng
 RT: 8.34 min Scan# 1088
 Delta R.T. -0.01 min
 Lab File: BF115223.D
 Acq: 26 Jun 2019 17:04

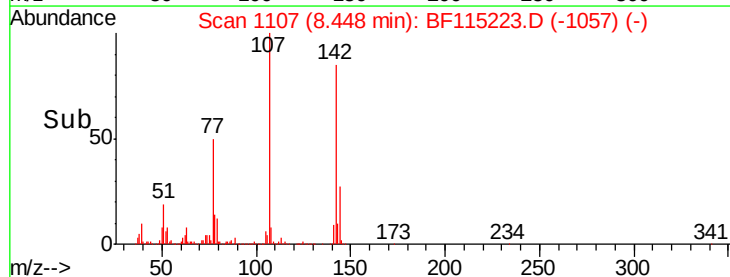
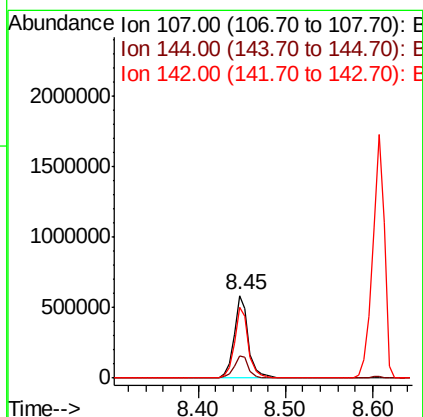
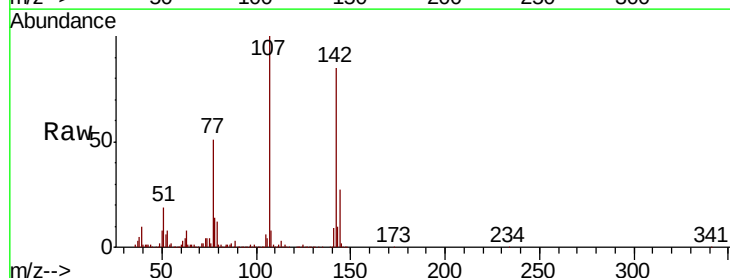
Instrument :
 BNA_F
 ClientSampleId :

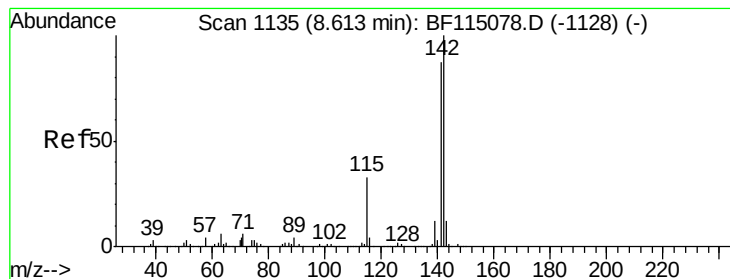
Tot Ion:113 Resp: 36582
 Ion Ratio Lower Upper
 113 100
 55 163.8 130.2 170.2
 56 118.9 91.6 131.6



#36
 4-Chloro-3-methylphenol
 Concen: 37.553 ng
 RT: 8.45 min Scan# 1107
 Delta R.T. -0.01 min
 Lab File: BF115223.D
 Acq: 26 Jun 2019 17:04

Tgt Ion:107 Resp: 647334
 Ion Ratio Lower Upper
 107 100
 144 27.3 21.7 32.5
 142 85.4 67.0 100.4





#37

2-Methylnaphthalene

Concen: 42.860 ng

RT: 8.61 min Scan# 1134

Delta R.T. -0.01 min

Lab File: BF115223.D

Acq: 26 Jun 2019 17:04

Instrument :

BNA_F

ClientSampleId :

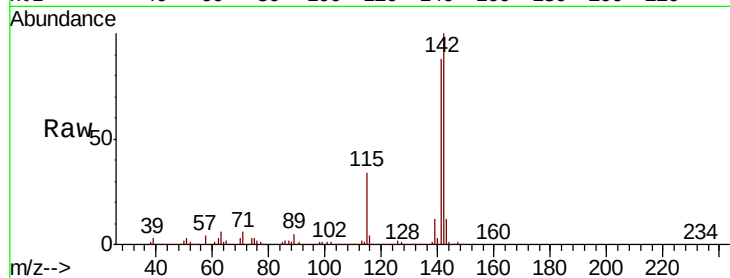
Tot Ion:142 Resp: 1615742

Ion Ratio Lower Upper

142 100

141 88.5 69.8 104.6

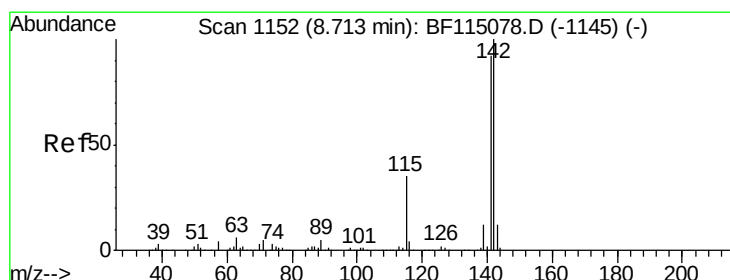
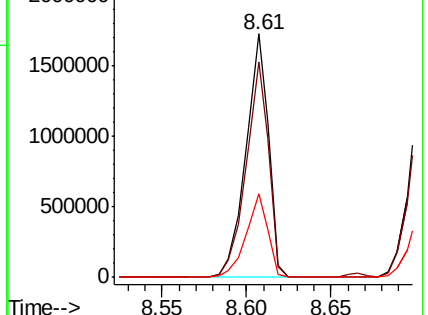
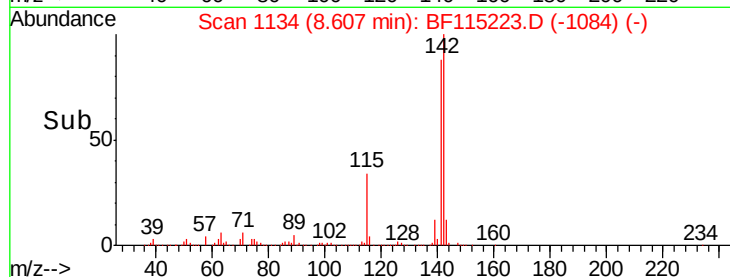
115 34.4 26.7 40.1



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: 44.110 ng

RT: 8.71 min Scan# 1151

Delta R.T. -0.01 min

Lab File: BF115223.D

Acq: 26 Jun 2019 17:04

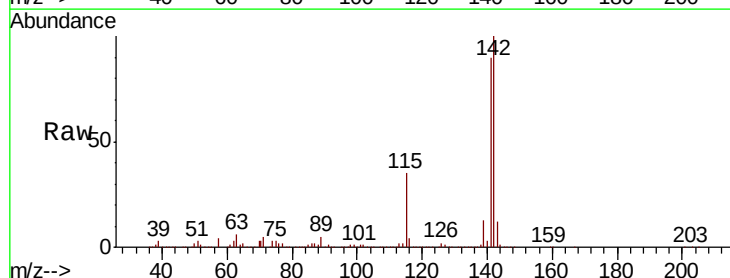
Tgt Ion:142 Resp: 1588143

Ion Ratio Lower Upper

142 100

141 90.0 73.8 110.8

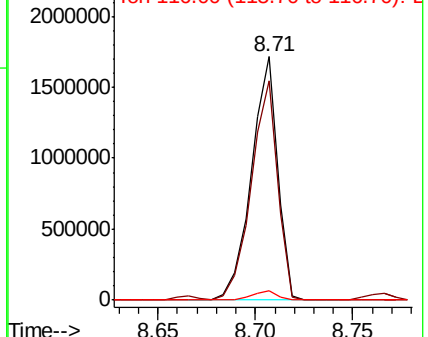
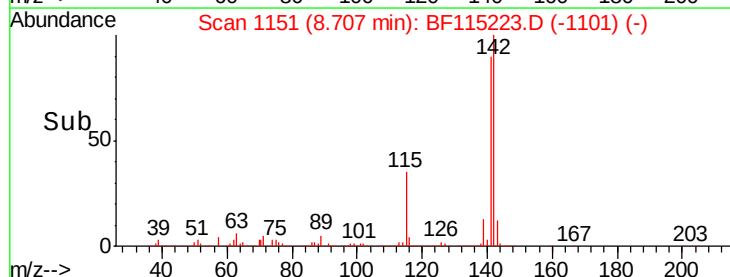
116 3.6 2.8 4.2

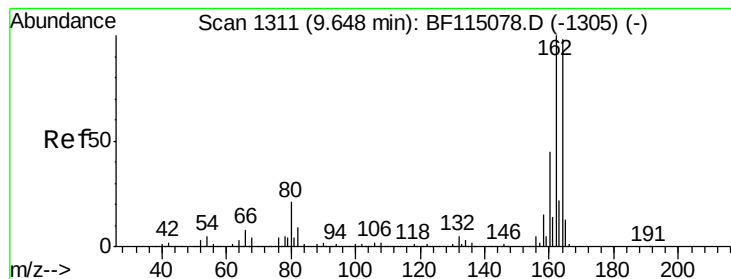


Abundance Ion 142.00 (141.70 to 142.70): E

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: 9.64 min Scan# 1310

Delta R.T. -0.01 min

Lab File: BF115223.D

Acq: 26 Jun 2019 17:04

Instrument :

BNA_F

ClientSampleId :

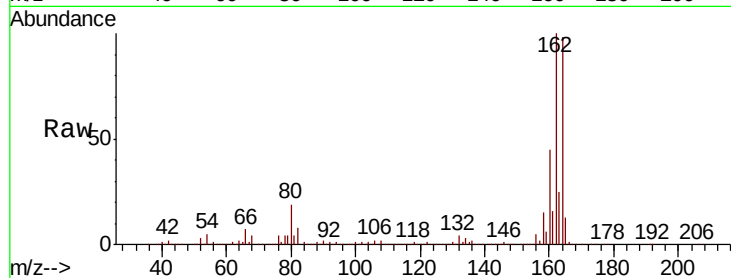
Tot Ion:164 Resp: 55646

Ion Ratio Lower Upper

164 100

162 102.4 81.7 122.5

160 46.3 37.0 55.4

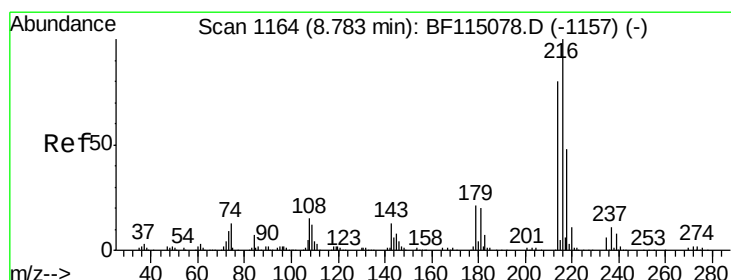
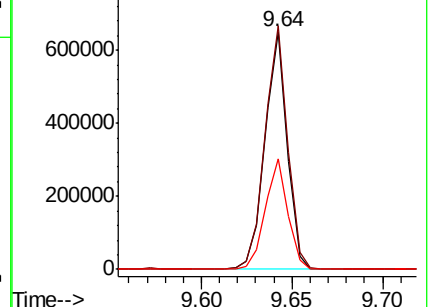
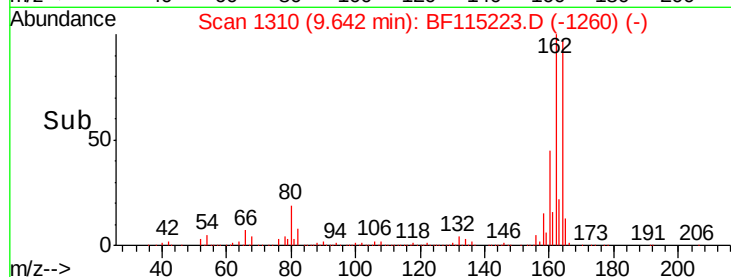


Abundance

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: 46.314 ng

RT: 8.78 min Scan# 1163

Delta R.T. -0.01 min

Lab File: BF115223.D

Acq: 26 Jun 2019 17:04

Tgt Ion:216 Resp: 728513

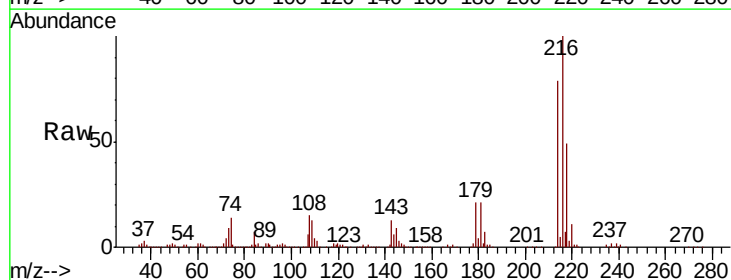
Ion Ratio Lower Upper

216 100

214 79.7 63.8 95.6

179 22.1 17.6 26.4

108 18.9 15.7 23.5



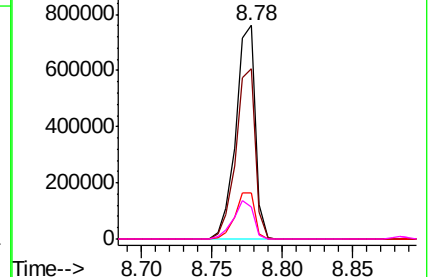
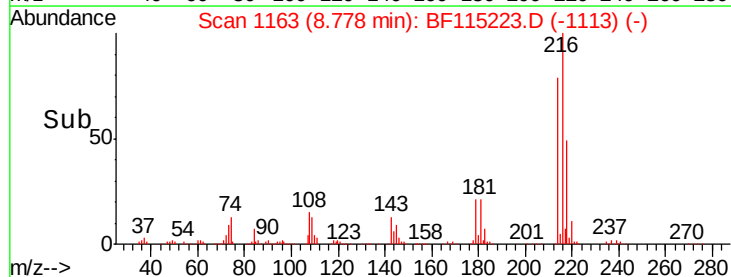
Abundance

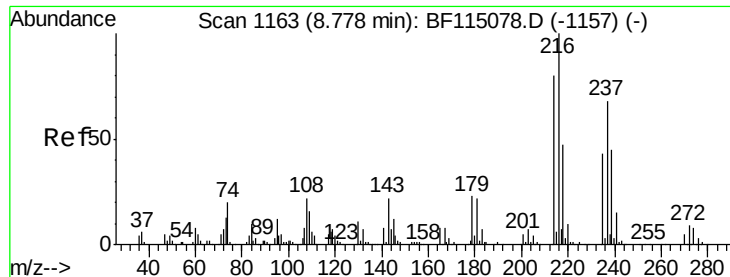
Ion 216.00 (215.70 to 216.70): E

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

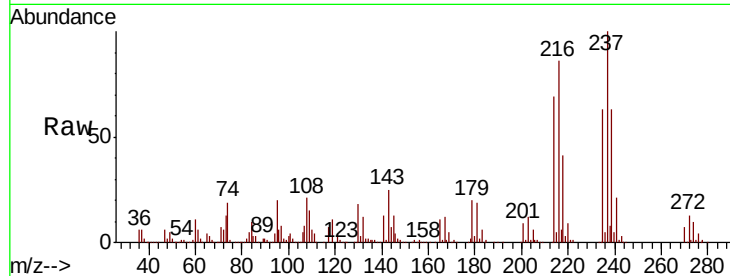




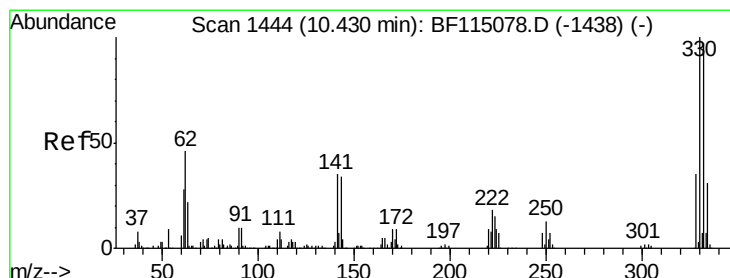
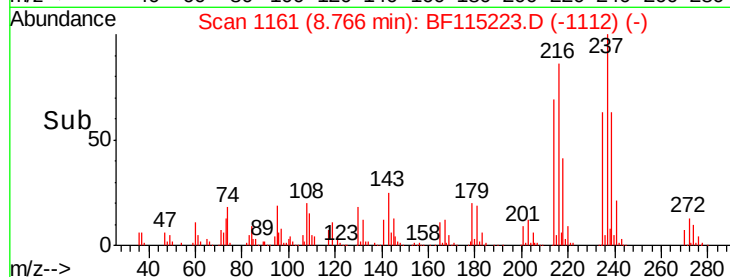
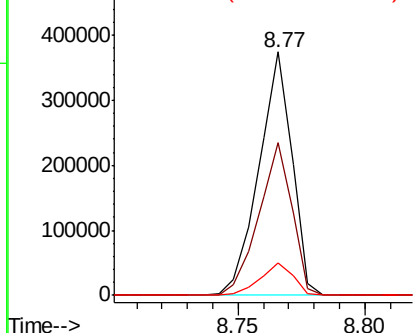
#41
Hexachlorocyclopentadiene
Concen: 36.684 ng
RT: 8.77 min Scan# 1161
Delta R.T. -0.01 min
Lab File: BF115223.D
Acq: 26 Jun 2019 17:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
237	100		
235	62.8	43.9	83.9
272	13.3	0.0	33.8

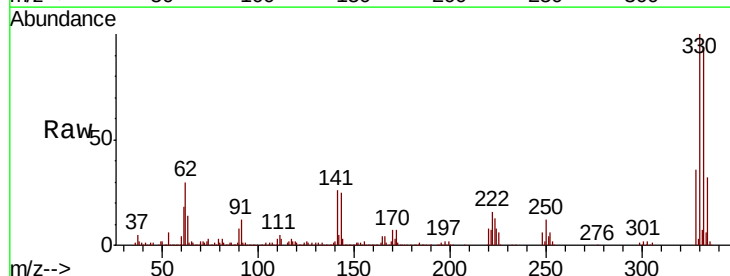


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

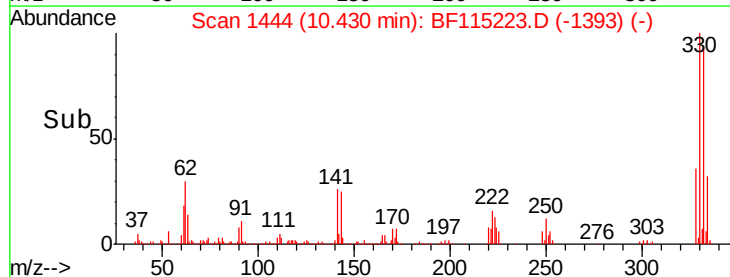
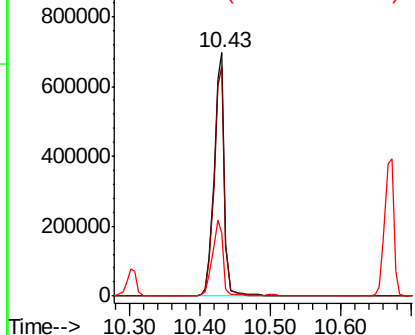


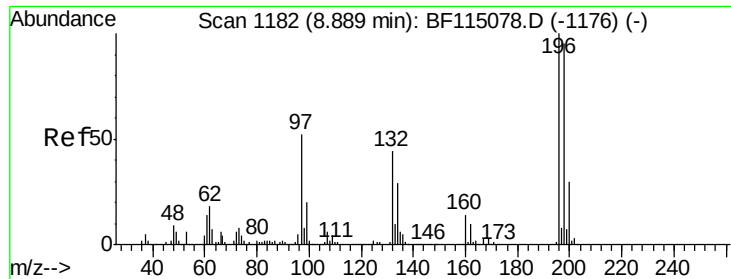
#42
2,4,6-Tribromophenol
Concen: 121.396 ng
RT: 10.43 min Scan# 1444
Delta R.T. 0.00 min
Lab File: BF115223.D
Acq: 26 Jun 2019 17:04

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.7	77.3	115.9
141	32.6	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

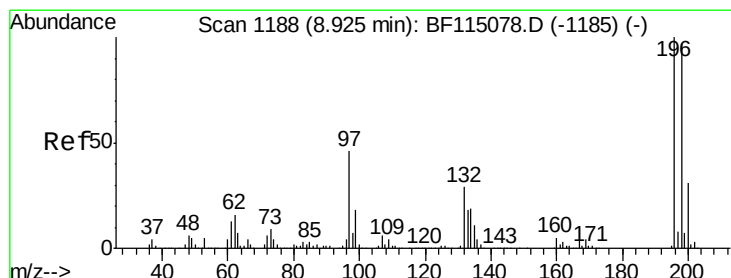
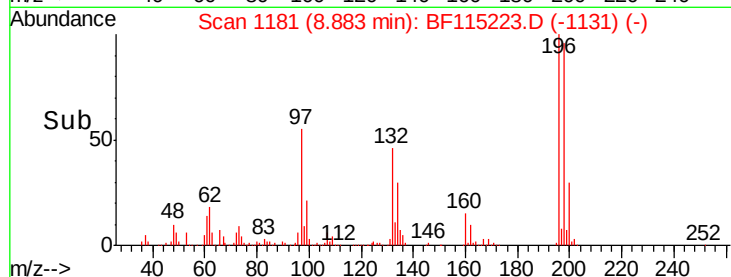
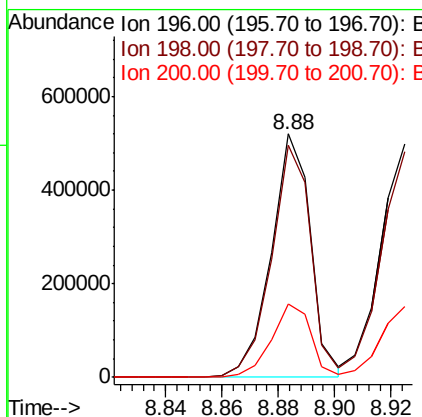
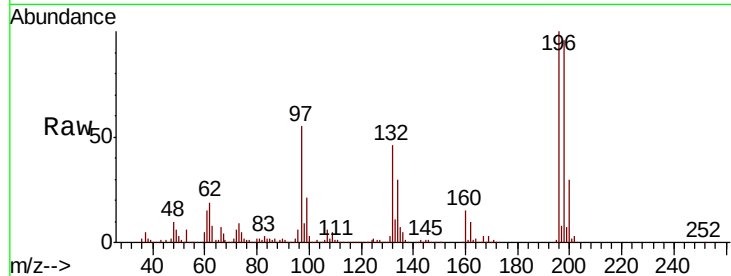




#43
 2,4,6-Trichlorophenol
 Concen: 41.210 ng
 RT: 8.88 min Scan# 1181
 Delta R.T. -0.01 min
 Lab File: BF115223.D
 Acq: 26 Jun 2019 17:04

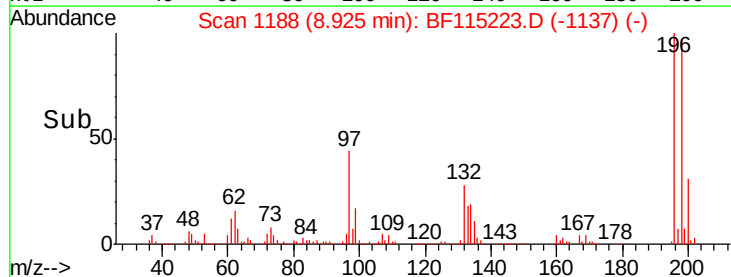
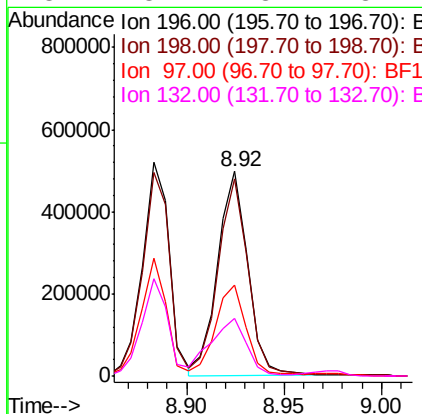
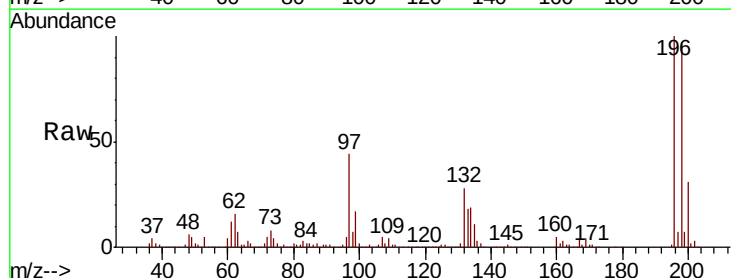
Instrument :
 BNA_F
 ClientSampled :

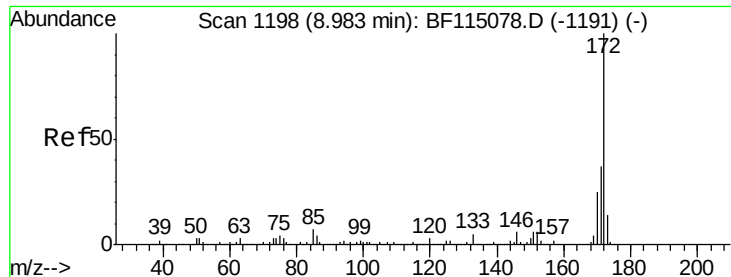
Tot Ion	196	Resp	500459
Ion Ratio	Lower	Upper	
196	100		
198	95.5	76.3	114.5
200	30.1	24.2	36.4



#44
 2,4,5-Trichlorophenol
 Concen: 42.785 ng
 RT: 8.92 min Scan# 1188
 Delta R.T. 0.00 min
 Lab File: BF115223.D
 Acq: 26 Jun 2019 17:04

Tgt Ion	196	Resp	535066
Ion Ratio	Lower	Upper	
196	100		
198	96.5	77.1	115.7
97	44.4	37.7	56.5
132	28.1	23.1	34.7

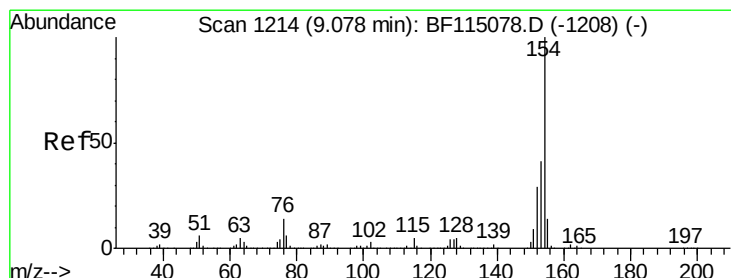
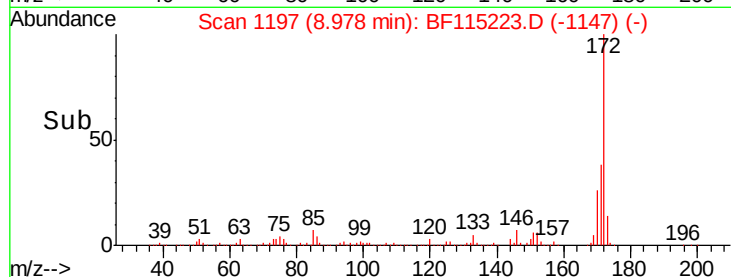
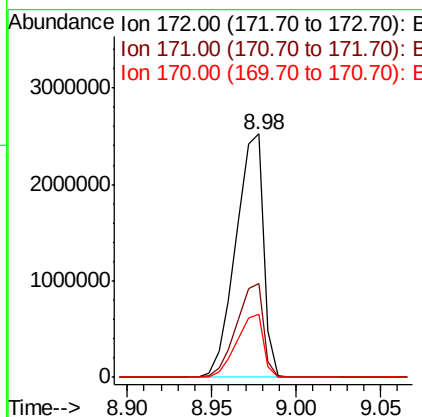
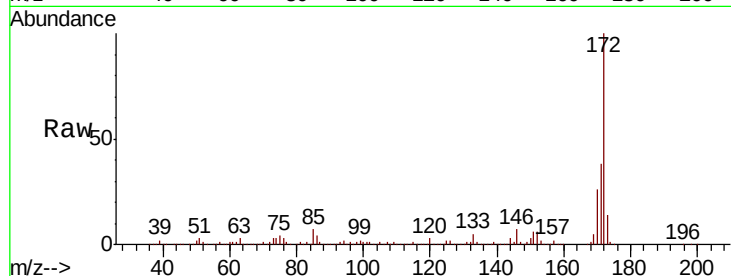




#45
 2-Fluorobiphenyl
 Concen: 88.013 ng
 RT: 8.98 min Scan# 1197
 Delta R.T. -0.01 min
 Lab File: BF115223.D
 Acq: 26 Jun 2019 17:04

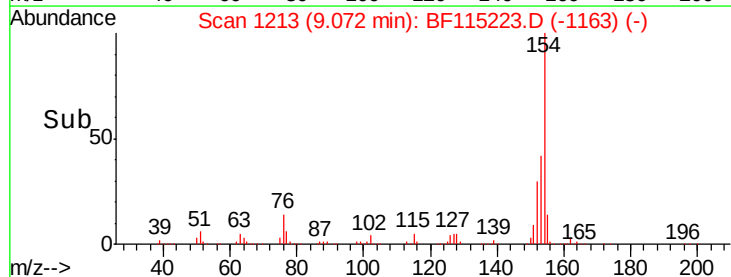
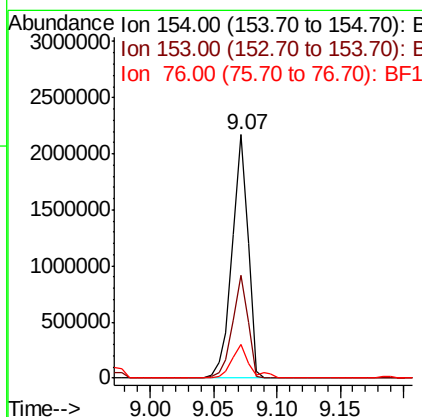
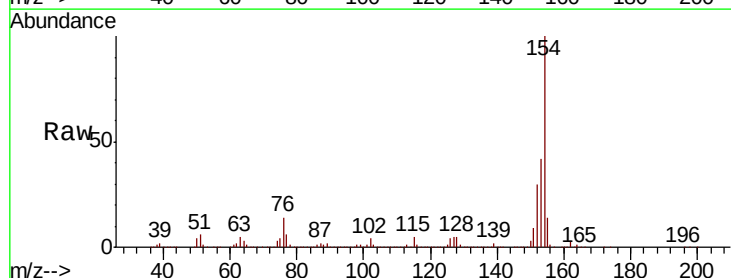
Instrument :
 BNA_F
 ClientSampleId :

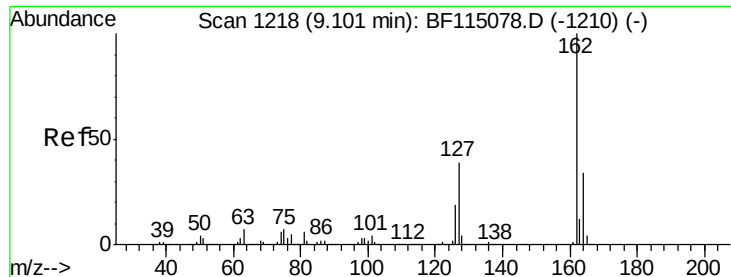
Tot Ion:172 Resp: 2884214
 Ion Ratio Lower Upper
 172 100
 171 38.4 29.8 44.6
 170 26.0 20.3 30.5



#46
 1,1'-Biphenyl
 Concen: 42.010 ng
 RT: 9.07 min Scan# 1213
 Delta R.T. -0.01 min
 Lab File: BF115223.D
 Acq: 26 Jun 2019 17:04

Tgt Ion:154 Resp: 1871108
 Ion Ratio Lower Upper
 154 100
 153 42.3 20.9 60.9
 76 13.7 0.0 34.1

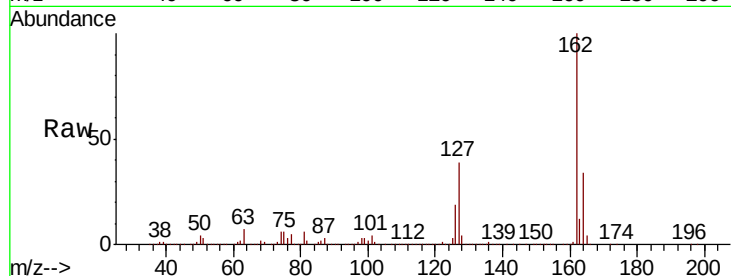




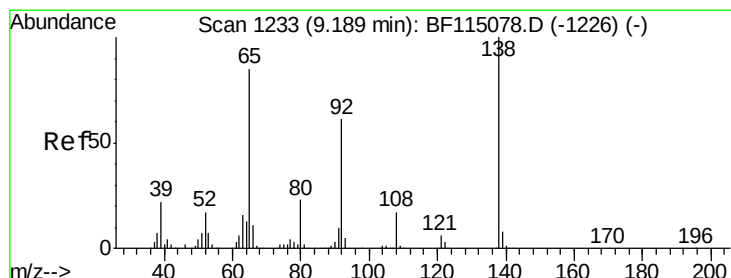
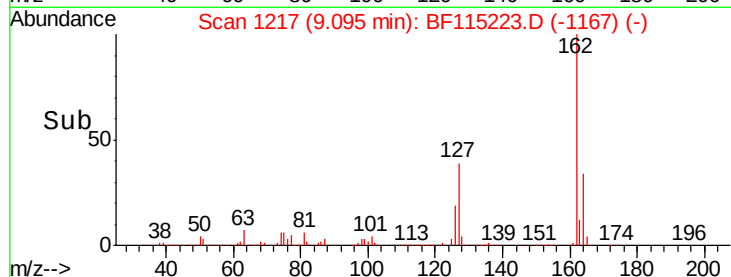
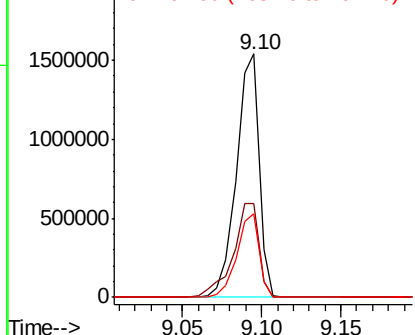
#47
 2-Chloronaphthalene
 Concen: 42.204 ng
 RT: 9.10 min Scan# 1217
 Delta R.T. -0.01 min
 Lab File: BF115223.D
 Acq: 26 Jun 2019 17:04

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 162 Resp: 1524775
 Ion Ratio Lower Upper
 162 100
 127 38.7 30.8 46.2
 164 34.3 27.0 40.4

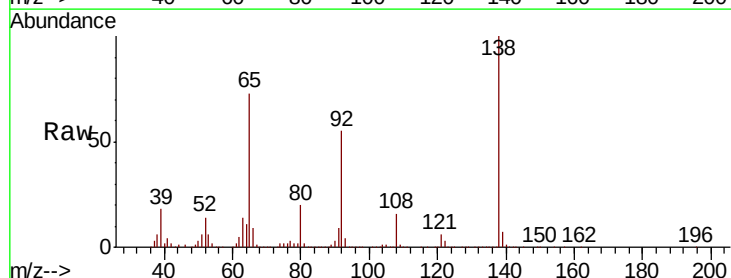


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

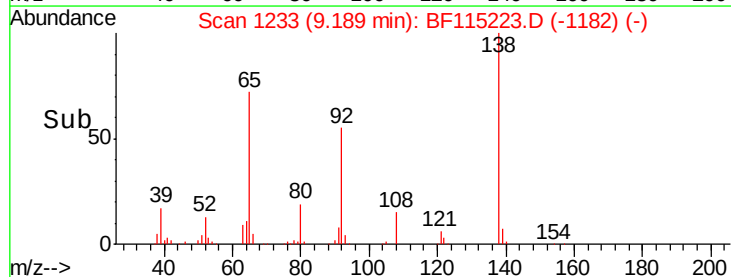
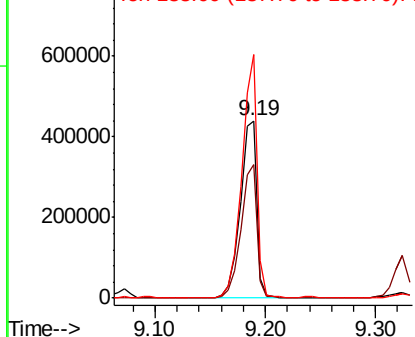


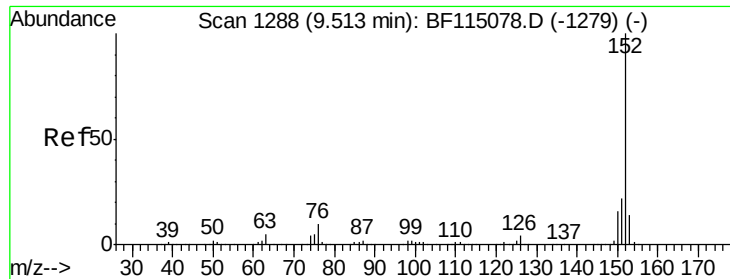
#48
 2-Nitroaniline
 Concen: 43.881 ng
 RT: 9.19 min Scan# 1233
 Delta R.T. 0.00 min
 Lab File: BF115223.D
 Acq: 26 Jun 2019 17:04

Tgt Ion: 65 Resp: 462192
 Ion Ratio Lower Upper
 65 100
 92 75.5 57.4 86.2
 138 137.1 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: 41.063 ng

RT: 9.51 min Scan# 1287

Delta R.T. -0.01 min

Lab File: BF115223.D

Acq: 26 Jun 2019 17:04

Instrument :

BNA_F

ClientSampleId :

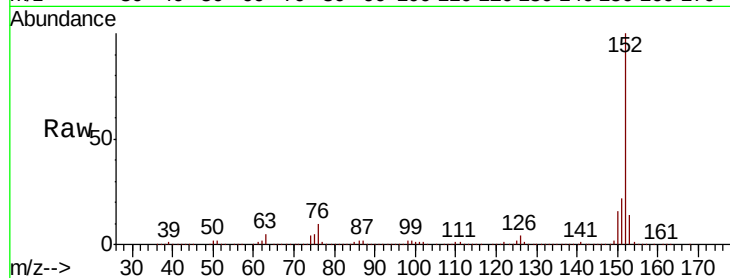
Tot Ion:152 Resp: 2311408

Ion Ratio Lower Upper

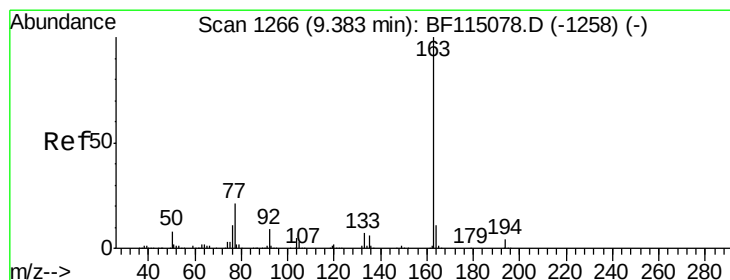
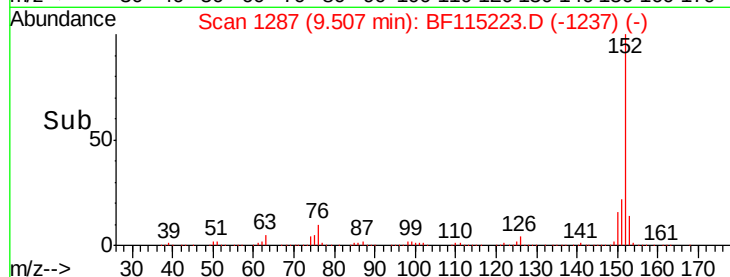
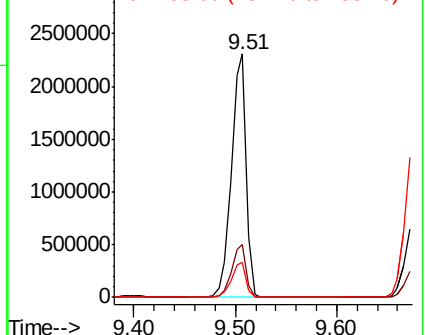
152 100

151 21.8 17.2 25.8

153 14.2 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: 43.212 ng

RT: 9.38 min Scan# 1265

Delta R.T. -0.01 min

Lab File: BF115223.D

Acq: 26 Jun 2019 17:04

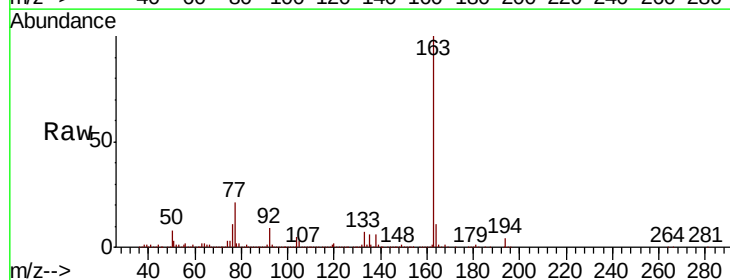
Tgt Ion:163 Resp: 1769709

Ion Ratio Lower Upper

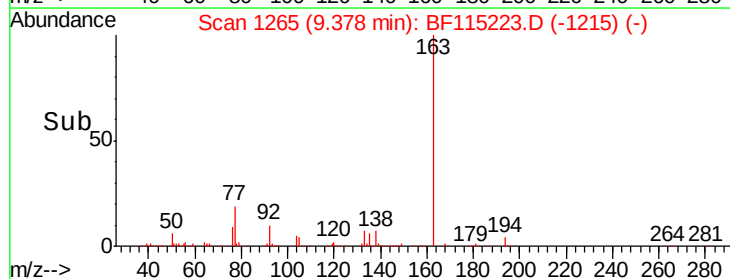
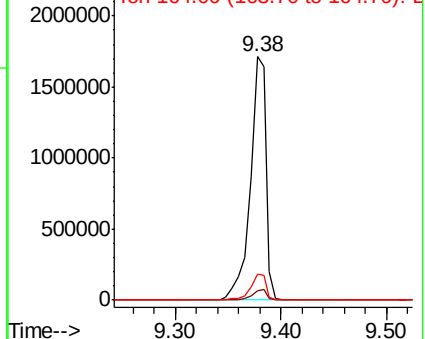
163 100

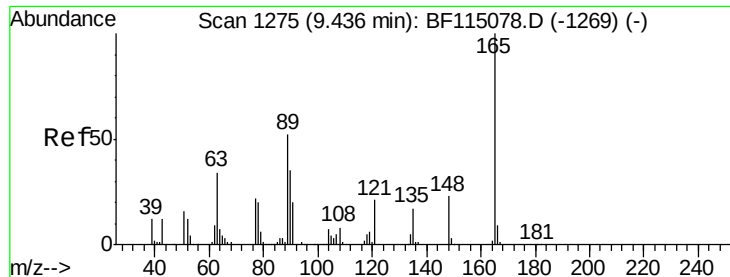
194 4.0 3.2 4.8

164 10.8 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

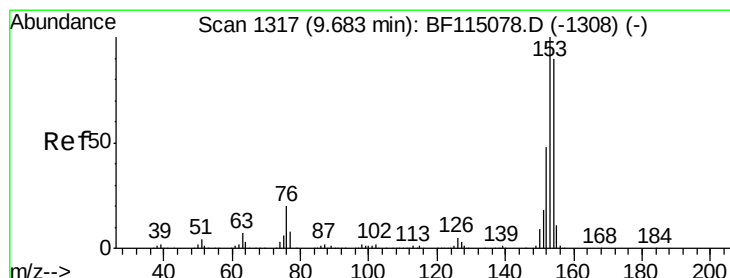
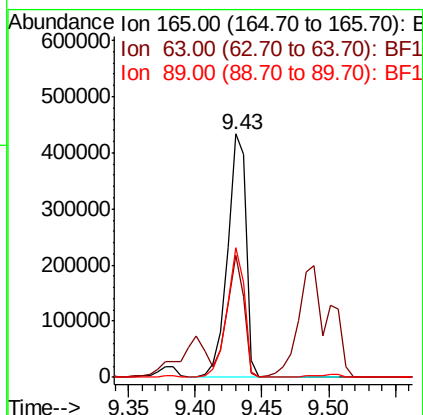
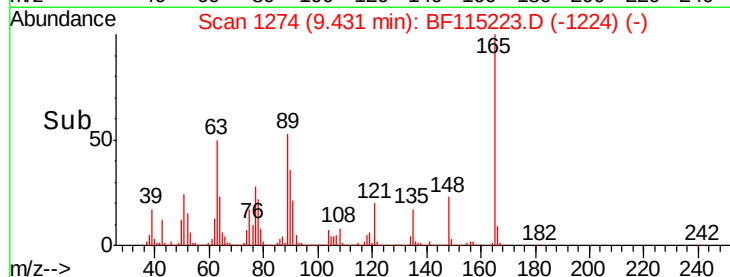
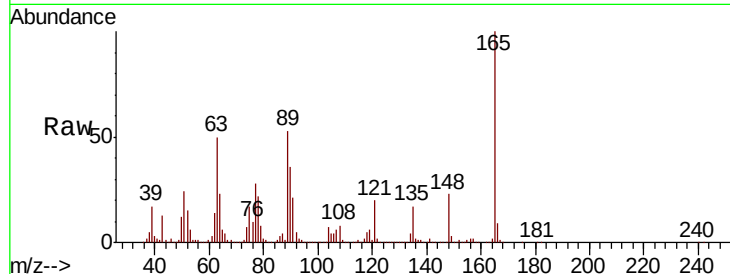




#51
 2,6-Dinitrotoluene
 Concen: 45.050 ng
 RT: 9.43 min Scan# 1274
 Delta R.T. -0.01 min
 Lab File: BF115223.D
 Acq: 26 Jun 2019 17:04

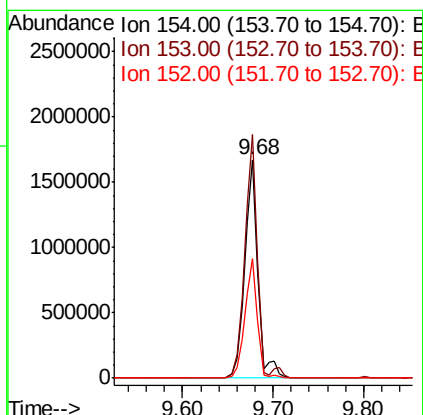
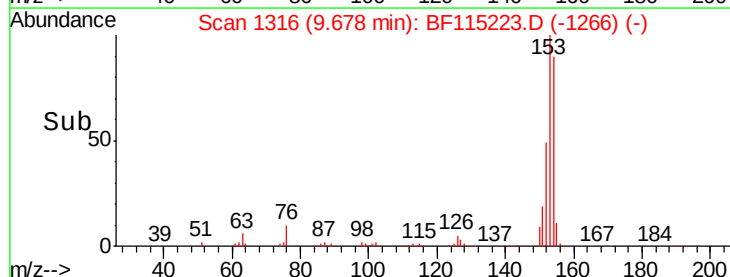
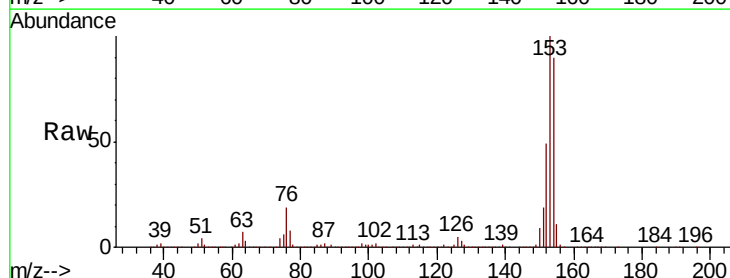
Instrument :
 BNA_F
 ClientSampled :

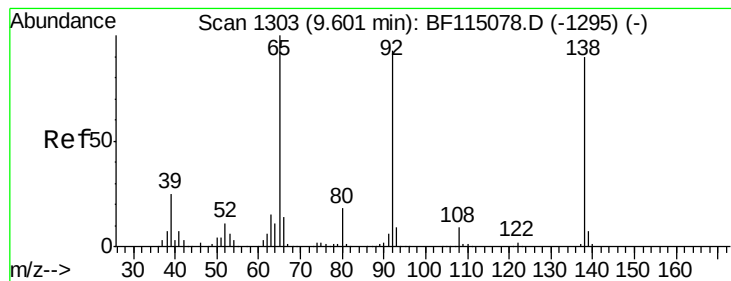
Tot Ion:165 Resp: 425940
 Ion Ratio Lower Upper
 165 100
 63 50.3 39.4 59.2
 89 53.4 42.0 63.0



#52
 Acenaphthene
 Concen: 48.231 ng
 RT: 9.68 min Scan# 1316
 Delta R.T. -0.01 min
 Lab File: BF115223.D
 Acq: 26 Jun 2019 17:04

Tgt Ion:154 Resp: 1698834
 Ion Ratio Lower Upper
 154 100
 153 111.6 88.7 133.1
 152 54.7 42.6 64.0





#53

3-Nitroaniline

Concen: 20.130 ng

RT: 9.59 min Scan# 1301

Delta R.T. -0.01 min

Lab File: BF115223.D

Acq: 26 Jun 2019 17:04

Instrument :

BNA_F

ClientSampleId :

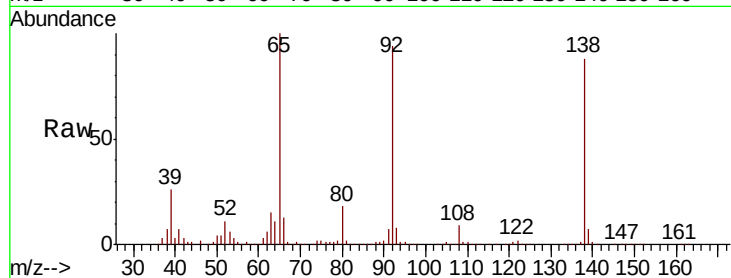
Tot Ion:138 Resp: 232260

Ion Ratio Lower Upper

138 100

108 9.7 7.8 11.6

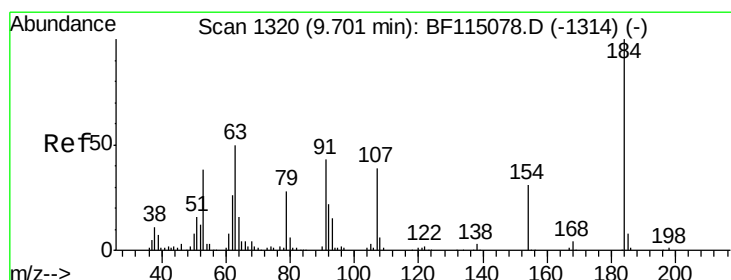
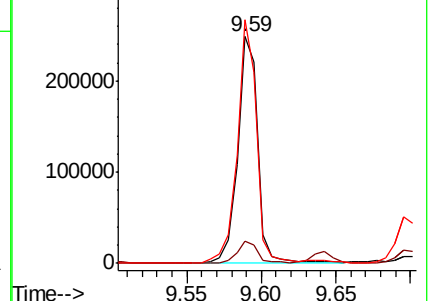
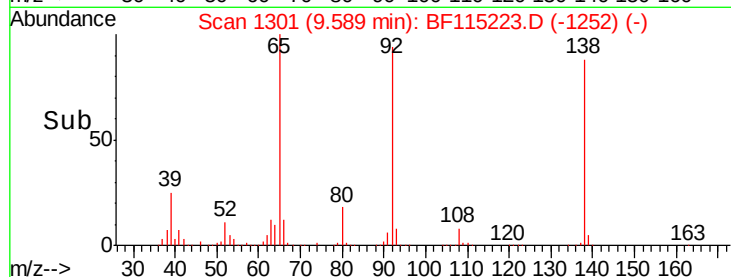
92 107.3 82.9 124.3



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: 44.983 ng

RT: 9.70 min Scan# 1320

Delta R.T. 0.00 min

Lab File: BF115223.D

Acq: 26 Jun 2019 17:04

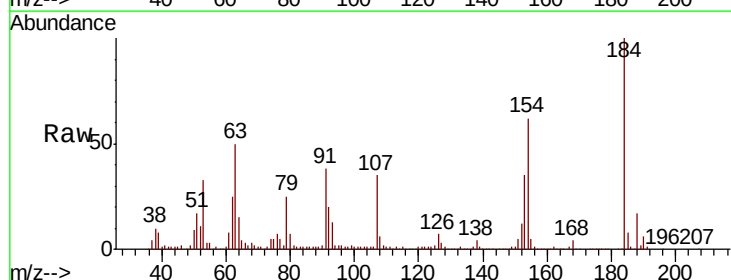
Tgt Ion:184 Resp: 201632

Ion Ratio Lower Upper

184 100

63 49.7 41.9 62.9

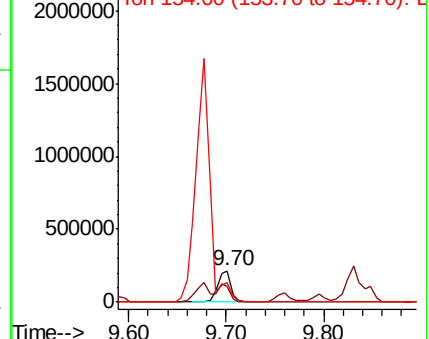
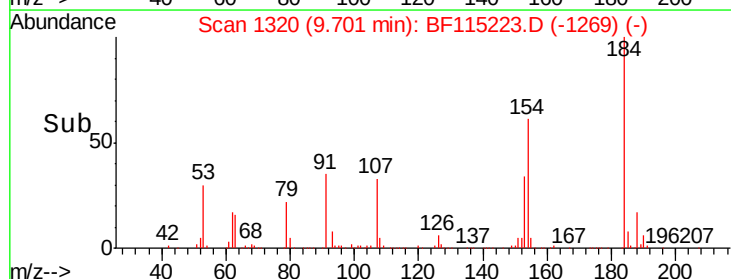
154 61.7 44.7 67.1

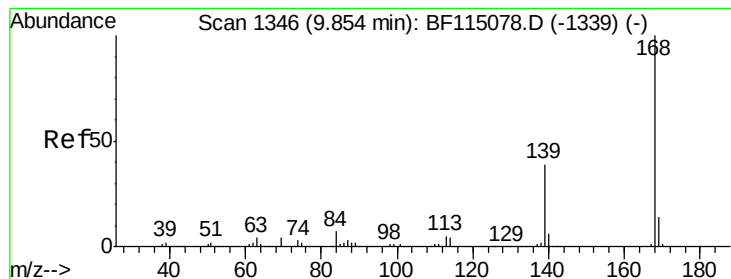


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





#55

Dibenzofuran

Concen: 40.081 ng

RT: 9.85 min Scan# 1345

Delta R.T. -0.01 min

Lab File: BF115223.D

Acq: 26 Jun 2019 17:04

Instrument :

BNA_F

ClientSampleId :

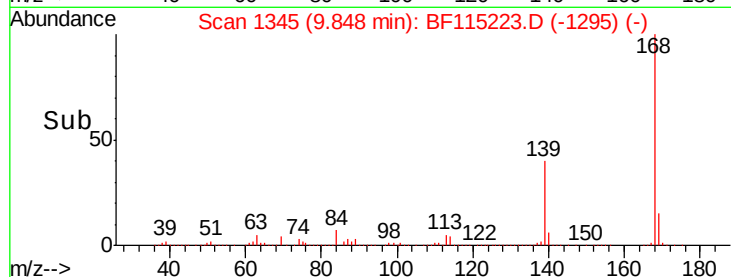
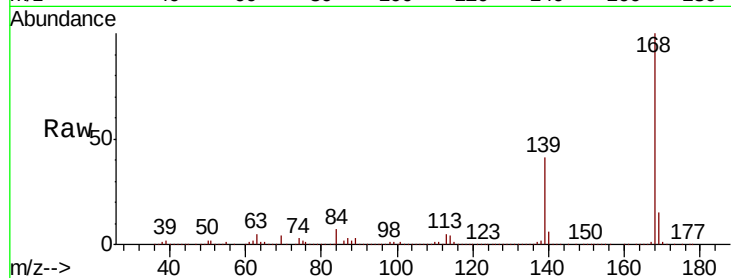
Tot Ion:168 Resp: 2026286

Ion Ratio Lower Upper

168 100

139 40.5 31.1 46.7

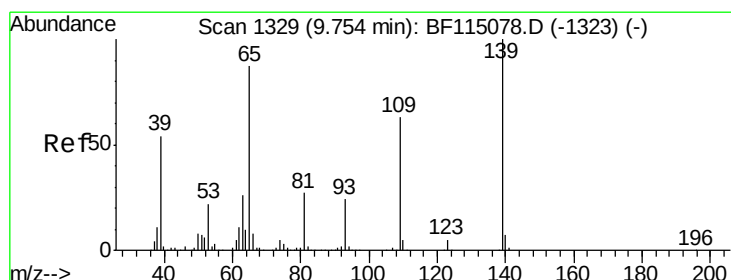
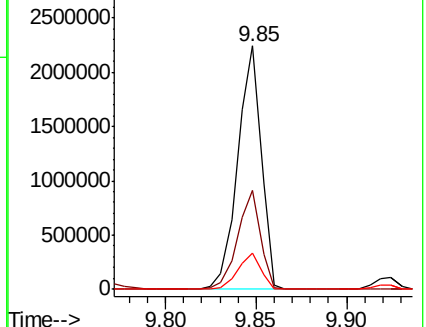
169 14.7 11.3 16.9



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: 30.182 ng

RT: 9.76 min Scan# 1330

Delta R.T. 0.01 min

Lab File: BF115223.D

Acq: 26 Jun 2019 17:04

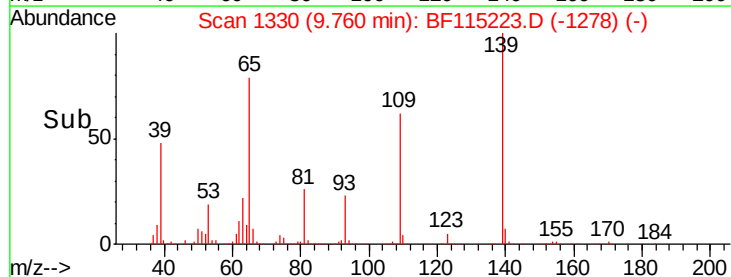
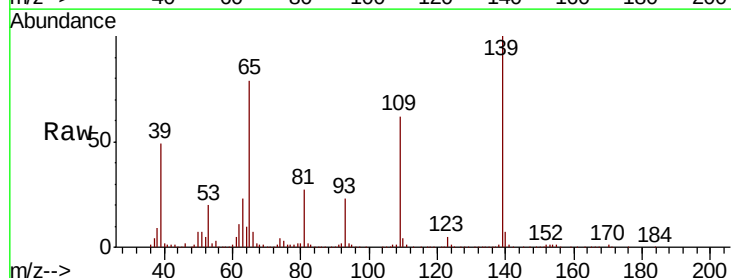
Tgt Ion:139 Resp: 279186

Ion Ratio Lower Upper

139 100

109 62.1 43.0 83.0

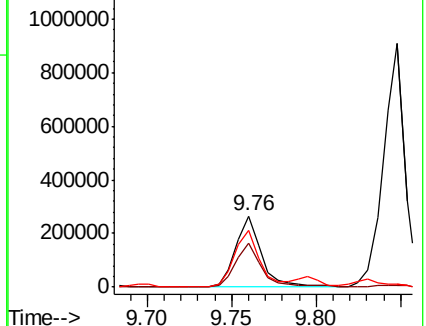
65 79.3 67.0 107.0

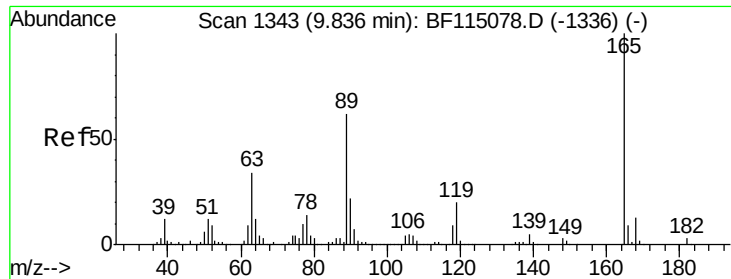


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

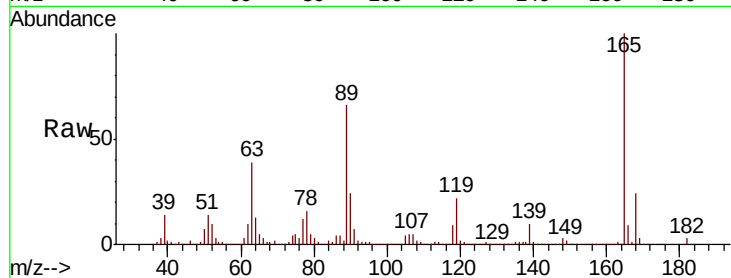




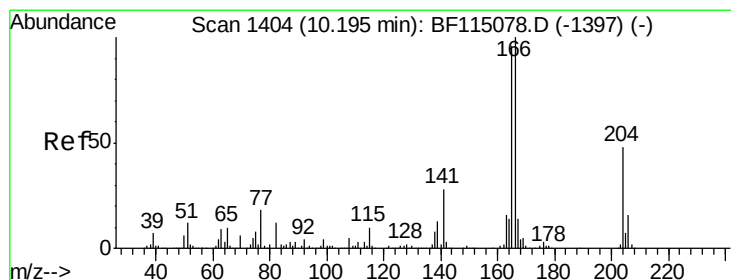
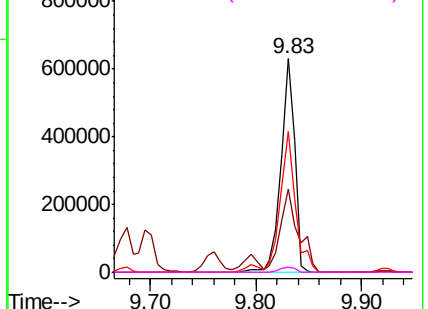
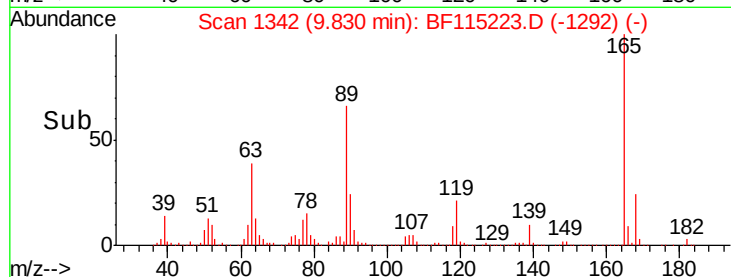
#57
2,4-Dinitrotoluene
Concen: 45.759 ng
RT: 9.83 min Scan# 1342
Delta R.T. -0.01 min
Lab File: BF115223.D
Acq: 26 Jun 2019 17:04

Instrument :
BNA_F
ClientSampled :

Tot Ion:165	Resp: 558640
Ion Ratio	Lower Upper
165 100	
63 39.0	27.5 41.3
89 66.0	49.9 74.9
182 2.7	2.1 3.1

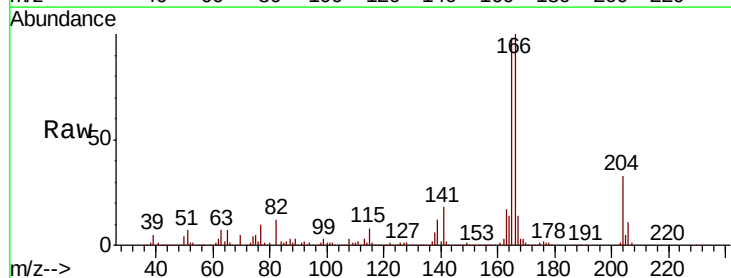


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

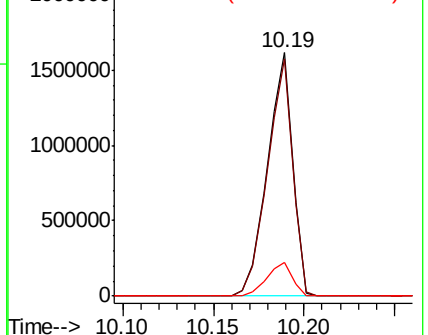
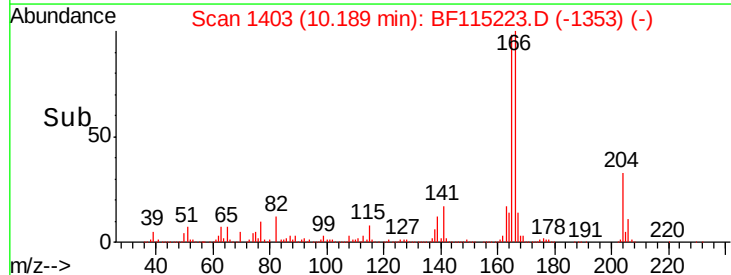


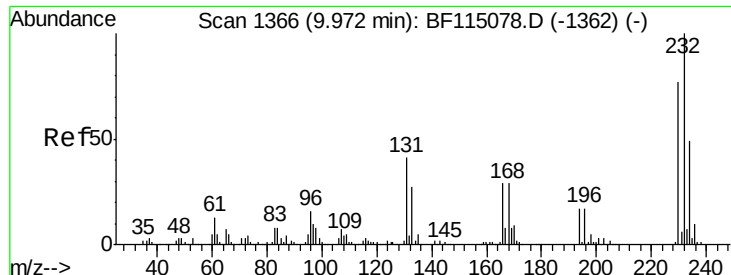
#58
Fluorene
Concen: 46.574 ng
RT: 10.19 min Scan# 1403
Delta R.T. -0.01 min
Lab File: BF115223.D
Acq: 26 Jun 2019 17:04

Tgt	Ion:166	Resp:	1559864
Ion	Ratio	Lower	Upper
166	100		
165	97.6	76.5	114.7
167	13.8	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

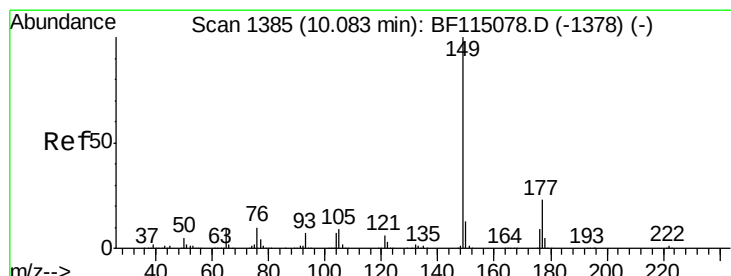
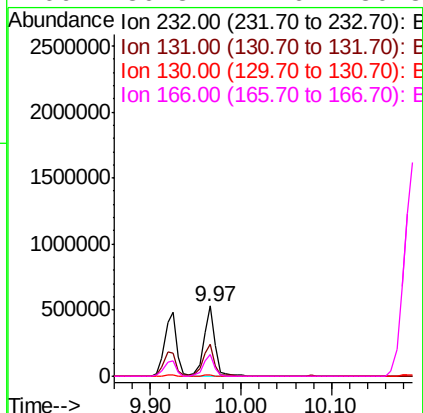
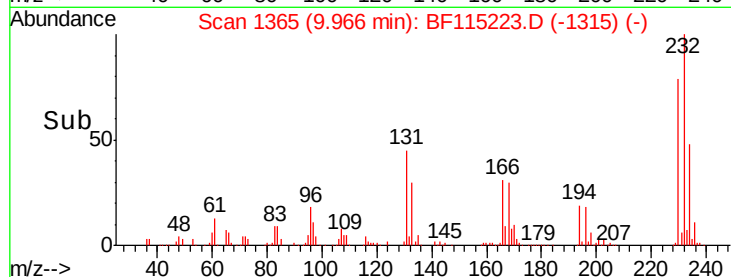
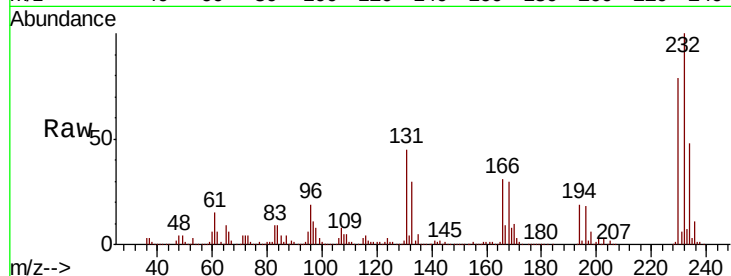




#59
2,3,4,6-Tetrachlorophenol
Concen: 43.532 ng
RT: 9.97 min Scan# 1365
Delta R.T. -0.01 min
Lab File: BF115223.D
Acq: 26 Jun 2019 17:04

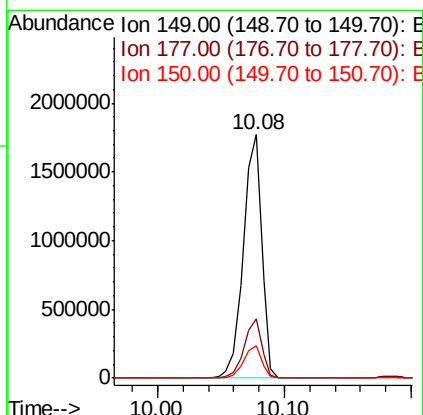
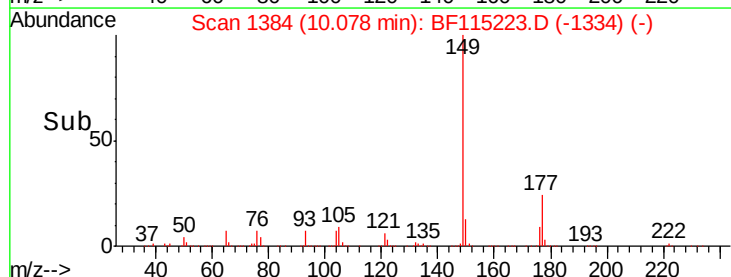
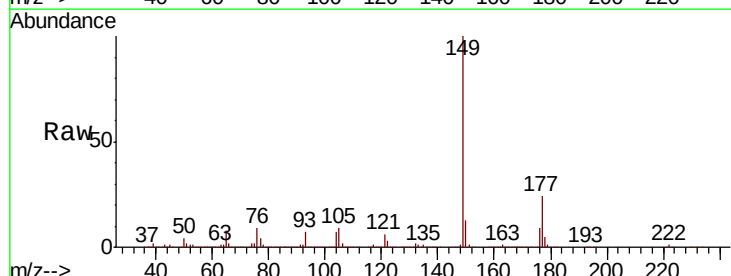
Instrument :
BNA_F
ClientSampled :

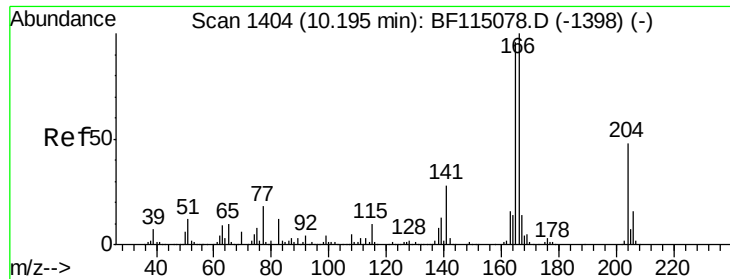
Tot Ion	Ratio	Lower	Upper
232	100		
131	45.5	37.4	56.0
130	2.5	1.8	2.6
166	30.3	24.6	36.8



#60
Diethylphthalate
Concen: 42.887 ng
RT: 10.08 min Scan# 1384
Delta R.T. -0.01 min
Lab File: BF115223.D
Acq: 26 Jun 2019 17:04

Tgt Ion	Ratio	Lower	Upper
149	100		
177	24.3	18.7	28.1
150	13.2	10.4	15.6

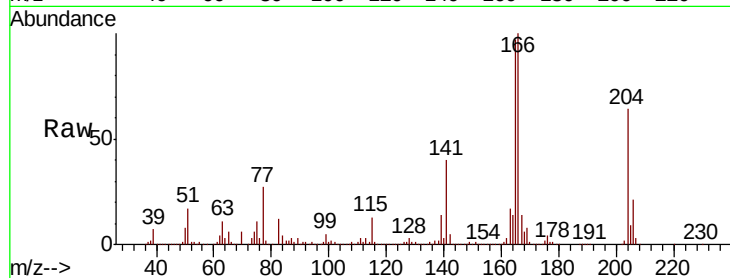




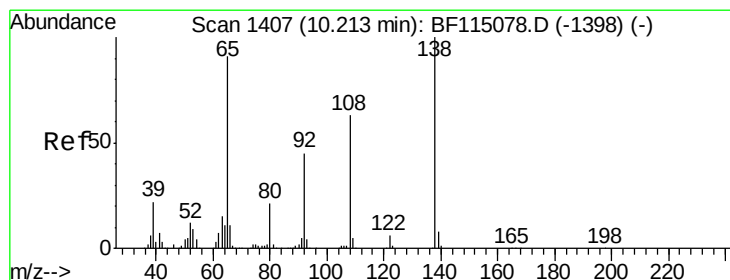
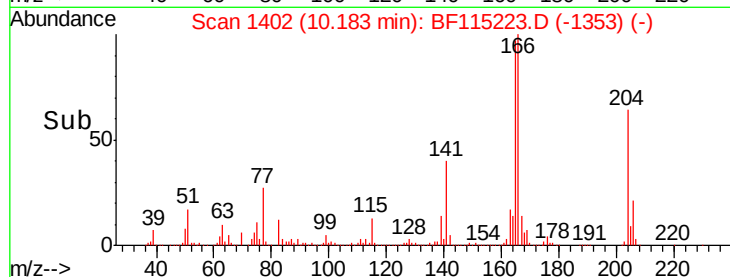
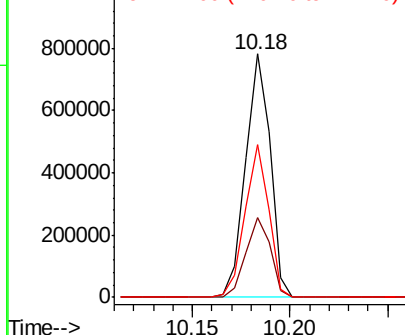
#61
4-Chlorophenyl-phenylether
Concen: 42.406 ng
RT: 10.18 min Scan# 1402
Delta R.T. -0.01 min
Lab File: BF115223.D
Acq: 26 Jun 2019 17:04

Instrument :
BNA_F
ClientSampled :

Tot Ion:204 Resp: 684565
Ion Ratio Lower Upper
204 100
206 33.0 26.6 40.0
141 63.0 46.7 70.1

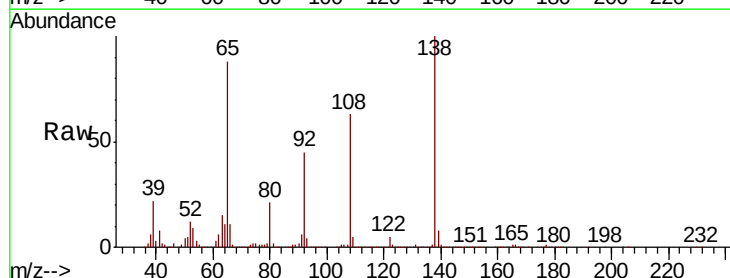


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

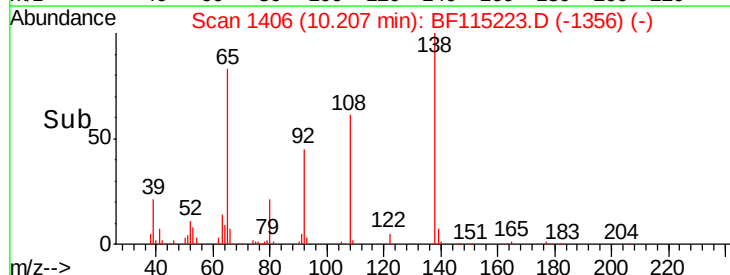
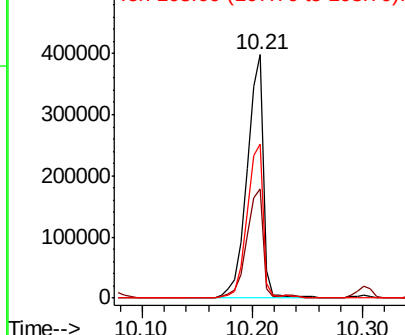


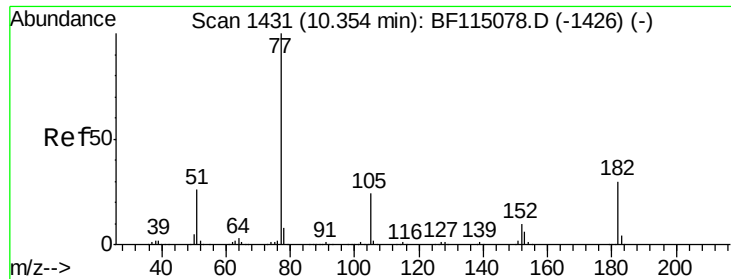
#62
4-Nitroaniline
Concen: 35.566 ng
RT: 10.21 min Scan# 1406
Delta R.T. -0.01 min
Lab File: BF115223.D
Acq: 26 Jun 2019 17:04

Tgt Ion:138 Resp: 411674
Ion Ratio Lower Upper
138 100
92 44.7 24.8 64.8
108 63.1 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

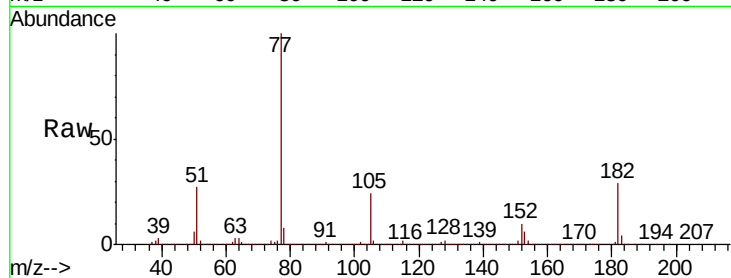




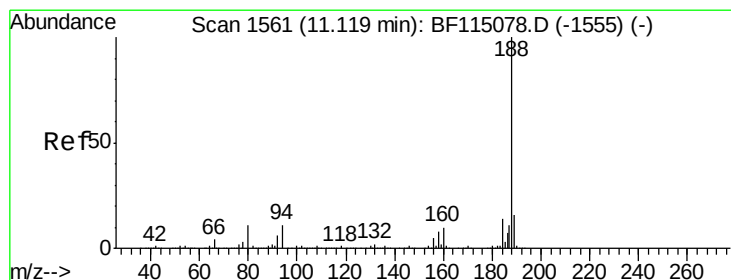
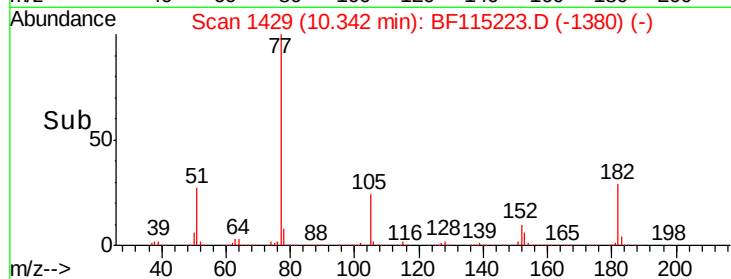
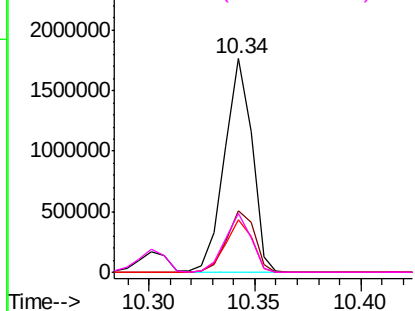
#63
Azobenzene
Concen: 40.956 ng
RT: 10.34 min Scan# 1429
Delta R.T. -0.01 min
Lab File: BF115223.D
Acq: 26 Jun 2019 17:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 77 Resp: 1574794
Ion Ratio Lower Upper
77 100
182 28.6 10.1 50.1
105 24.4 4.5 44.5
51 27.4 6.4 46.4

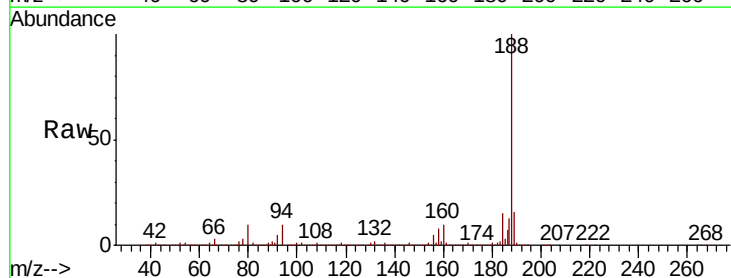


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

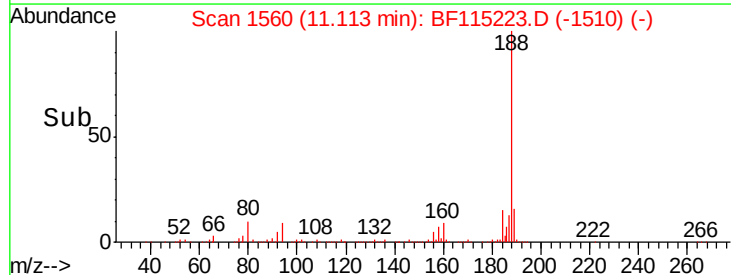
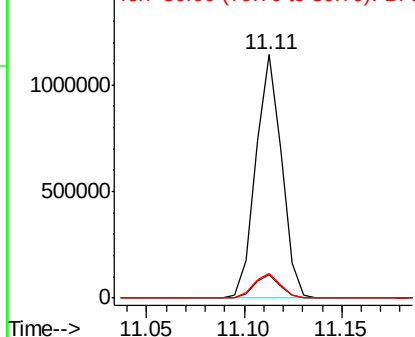


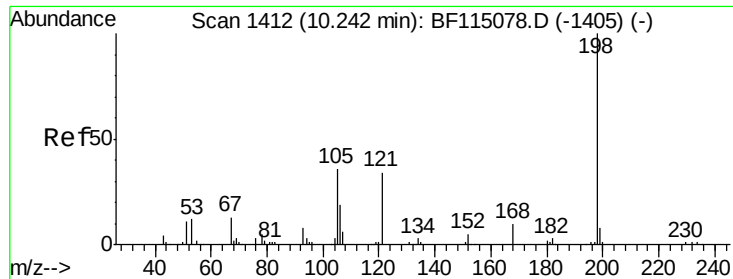
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.11 min Scan# 1560
Delta R.T. -0.01 min
Lab File: BF115223.D
Acq: 26 Jun 2019 17:04

Tgt Ion: 188 Resp: 1044760
Ion Ratio Lower Upper
188 100
94 9.8 8.6 12.8
80 10.1 8.8 13.2



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

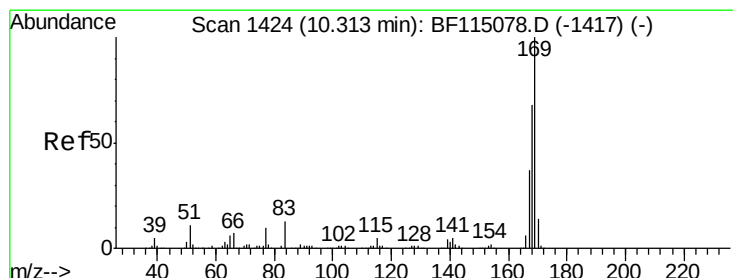
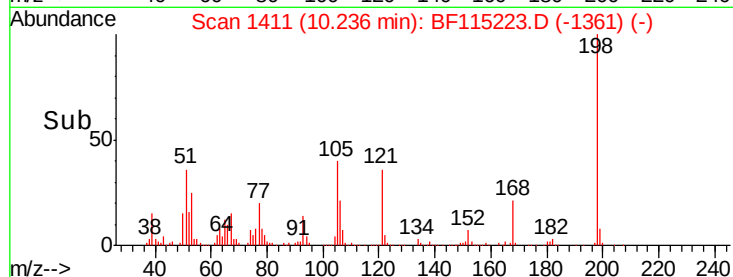
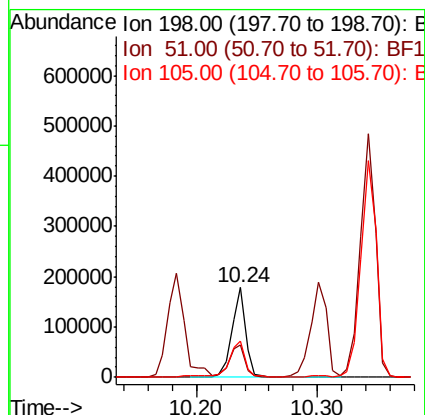
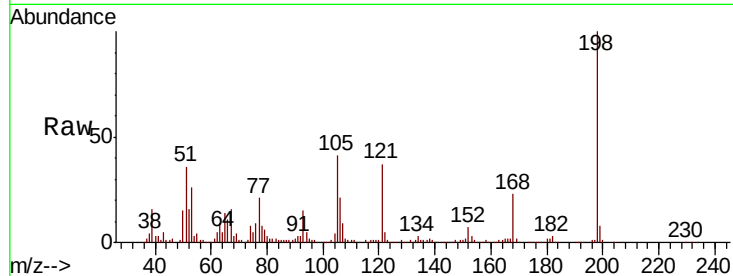




#65
4,6-Dinitro-2-methylphenol
Concen: 27.836 ng
RT: 10.24 min Scan# 1411
Delta R.T. -0.01 min
Lab File: BF115223.D
Acq: 26 Jun 2019 17:04

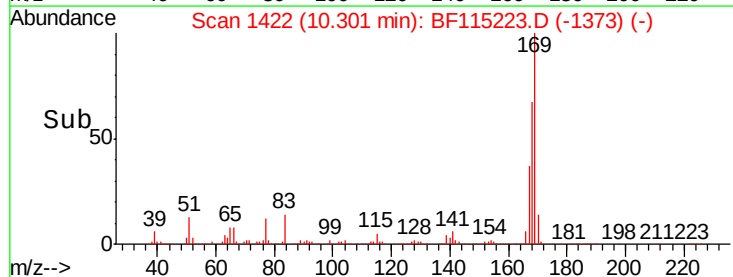
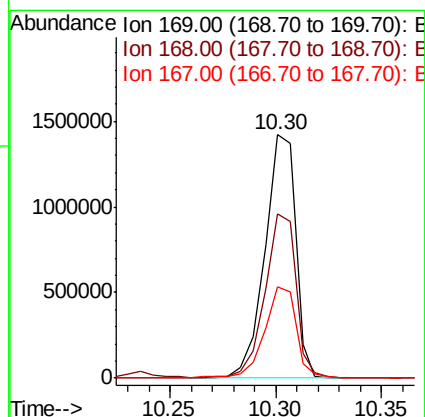
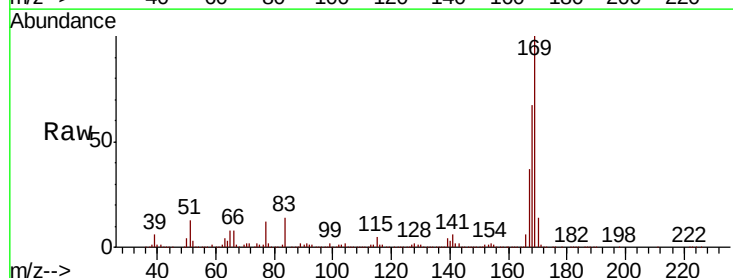
Instrument :
BNA_F
ClientSampleId :

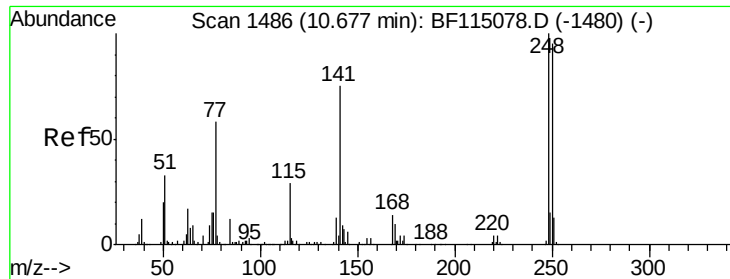
Tot Ion:198 Resp: 141826
Ion Ratio Lower Upper
198 100
51 36.3 11.0 51.0
105 40.8 17.3 57.3



#66
n-Nitrosodiphenylamine
Concen: 44.350 ng
RT: 10.30 min Scan# 1422
Delta R.T. -0.01 min
Lab File: BF115223.D
Acq: 26 Jun 2019 17:04

Tgt Ion:169 Resp: 1443562
Ion Ratio Lower Upper
169 100
168 67.2 54.2 81.4
167 37.3 29.4 44.0

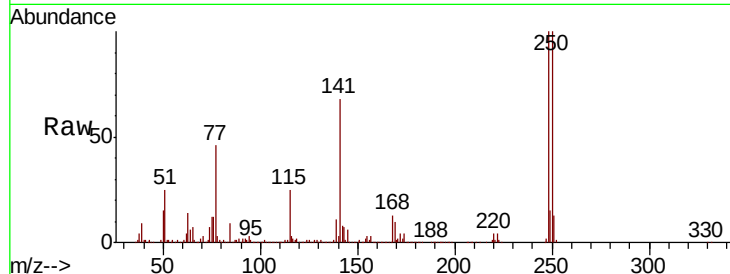




#67
4-Bromophenyl-phenylether
Concen: 43.961 ng
RT: 10.67 min Scan# 1485
Delta R.T. -0.01 min
Lab File: BF115223.D
Acq: 26 Jun 2019 17:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
248	100		
250	99.5	76.2	114.2
141	68.0	59.6	89.4

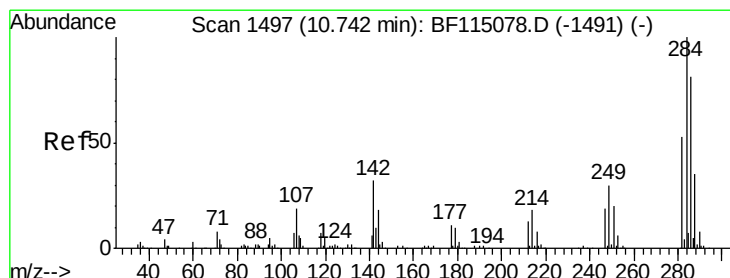
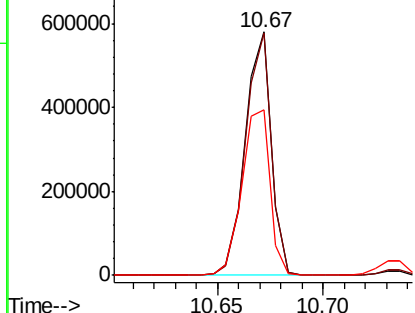
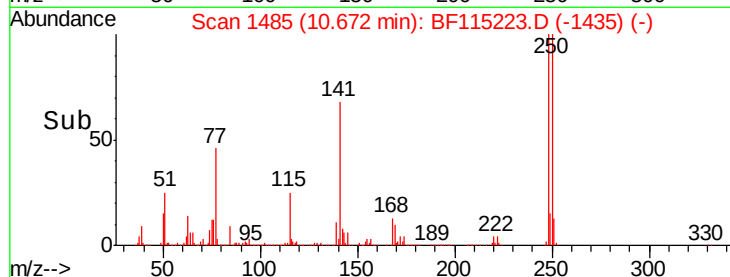


Abundance

Ion 248.00 (247.70 to 248.70): E

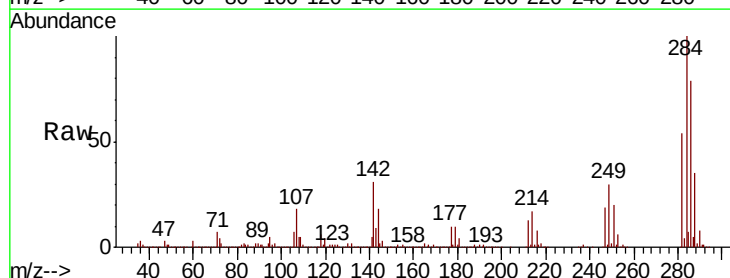
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 43.652 ng
RT: 10.74 min Scan# 1496
Delta R.T. -0.01 min
Lab File: BF115223.D
Acq: 26 Jun 2019 17:04

Tgt Ion	Ratio	Lower	Upper
284	100		
142	30.7	25.8	38.8
249	30.4	24.2	36.4

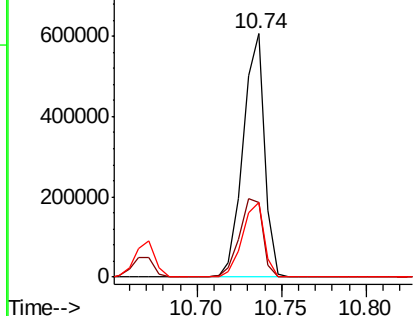
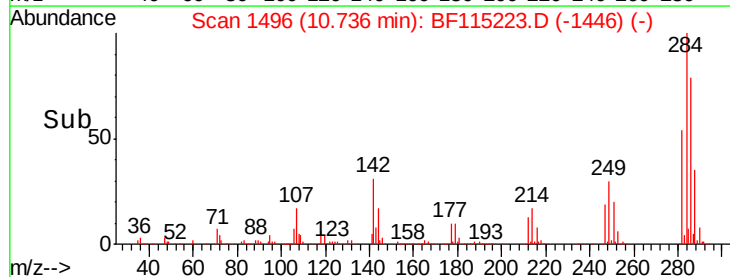


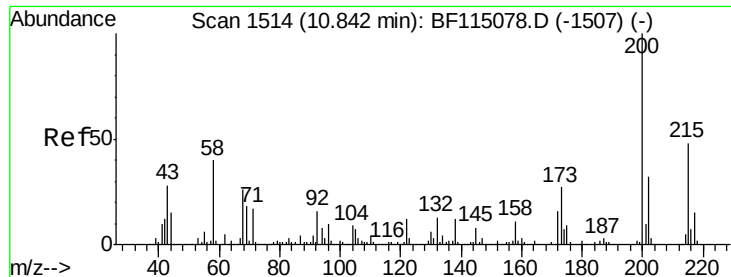
Abundance

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: 44.333 ng

RT: 10.84 min Scan# 1513

Delta R.T. -0.01 min

Lab File: BF115223.D

Acq: 26 Jun 2019 17:04

Instrument :

BNA_F

ClientSampleId :

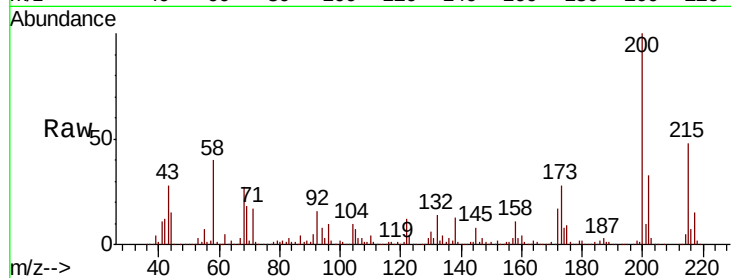
Tot Ion:200 Resp: 464188

Ion Ratio Lower Upper

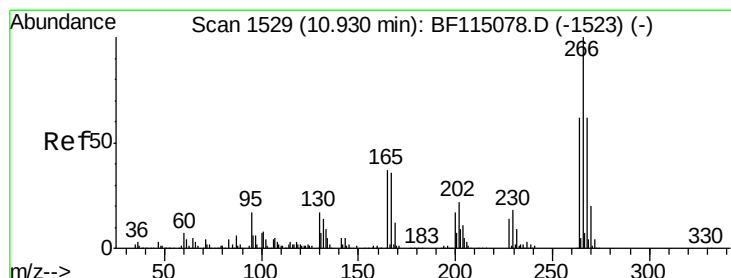
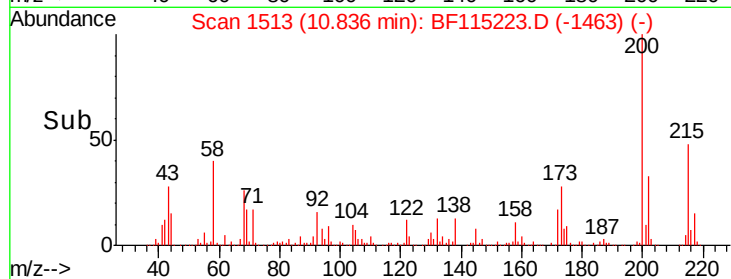
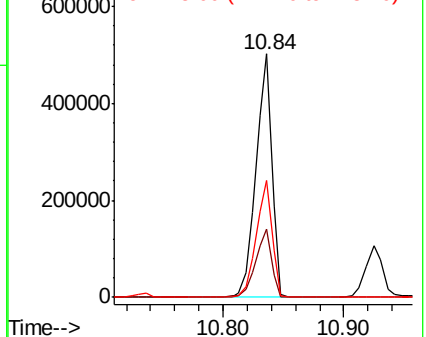
200 100

173 28.2 7.4 47.4

215 48.1 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: 77.144 ng

RT: 10.92 min Scan# 1528

Delta R.T. -0.01 min

Lab File: BF115223.D

Acq: 26 Jun 2019 17:04

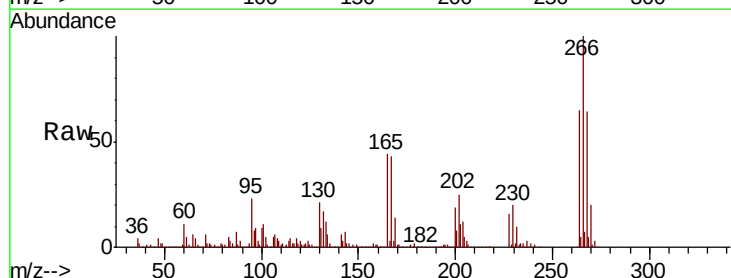
Tgt Ion:266 Resp: 604259

Ion Ratio Lower Upper

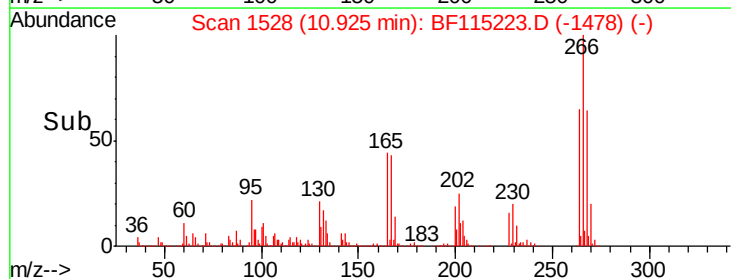
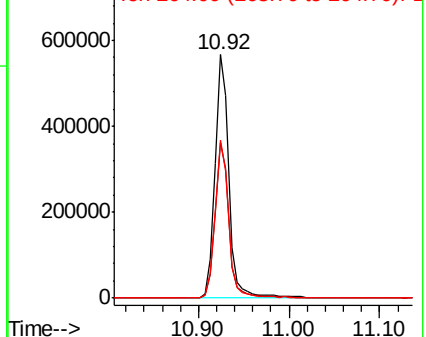
266 100

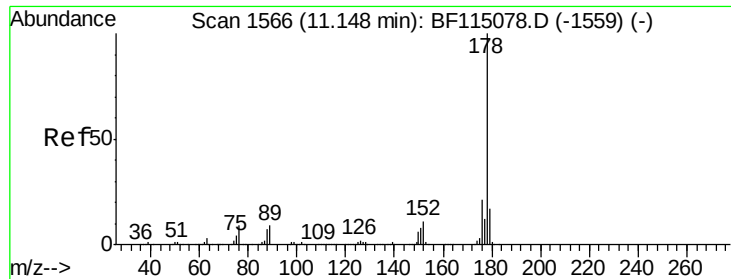
268 63.8 49.5 74.3

264 65.0 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

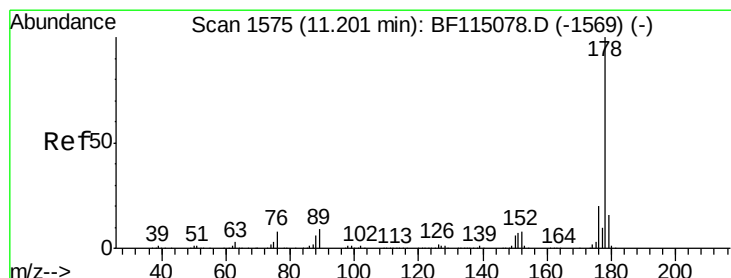
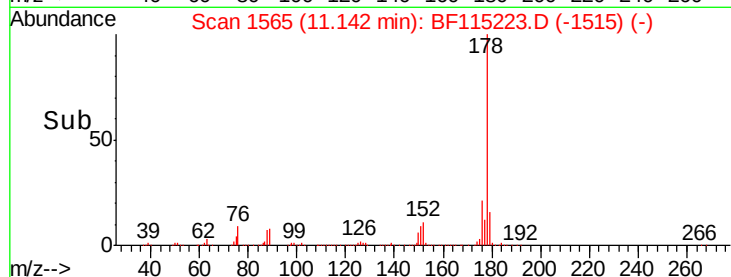
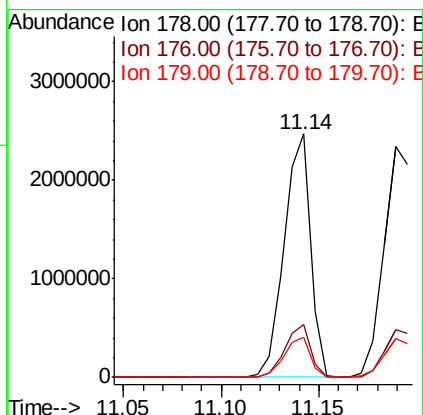
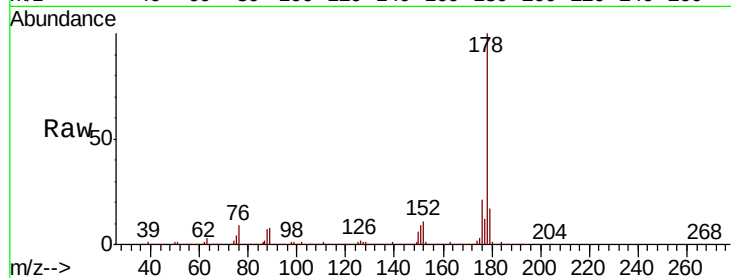




#71
Phenanthrene
Concen: 41.158 ng
RT: 11.14 min Scan# 1565
Delta R.T. -0.01 min
Lab File: BF115223.D
Acq: 26 Jun 2019 17:04

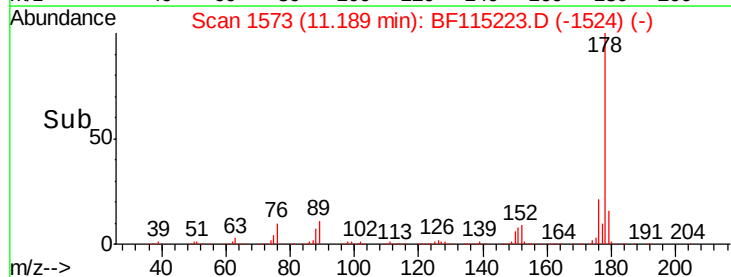
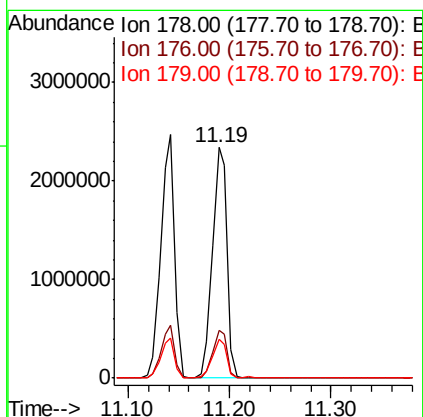
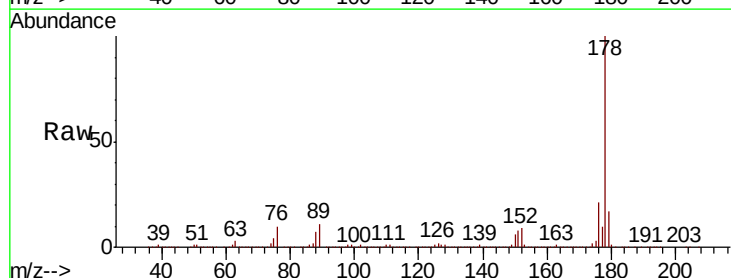
Instrument :
BNA_F
ClientSampleId :

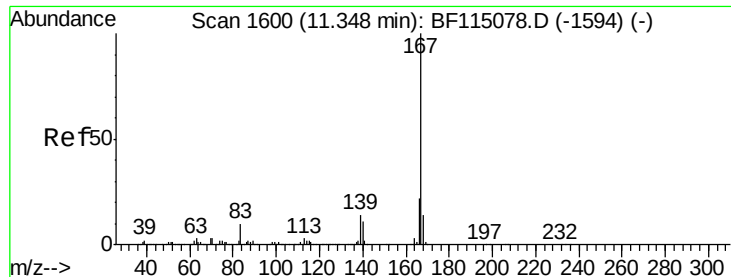
Tot Ion:178 Resp: 2315197
Ion Ratio Lower Upper
178 100
176 21.5 16.9 25.3
179 16.7 13.2 19.8



#72
Anthracene
Concen: 41.019 ng
RT: 11.19 min Scan# 1573
Delta R.T. -0.01 min
Lab File: BF115223.D
Acq: 26 Jun 2019 17:04

Tgt Ion:178 Resp: 2329151
Ion Ratio Lower Upper
178 100
176 20.8 16.1 24.1
179 16.8 12.9 19.3



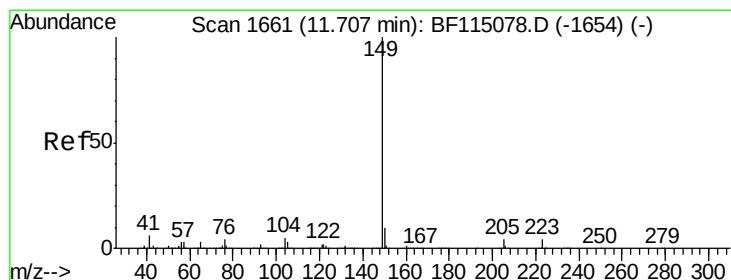
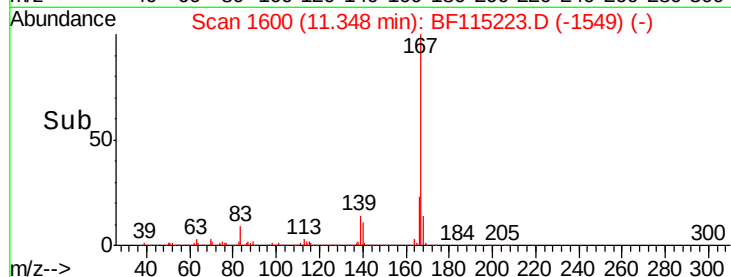
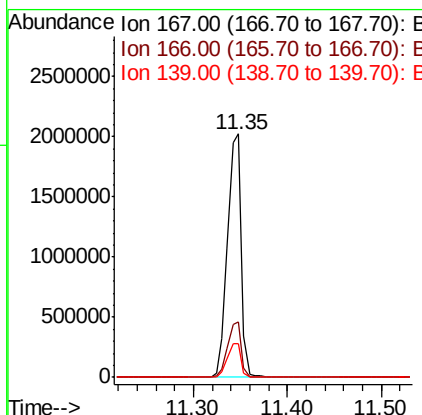
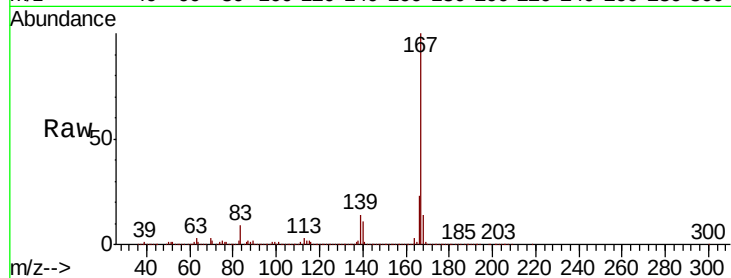


#73
 Carbazole
 Concen: 40.623 ng
 RT: 11.35 min Scan# 1600
 Delta R.T. 0.00 min
 Lab File: BF115223.D
 Acq: 26 Jun 2019 17:04

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:167 Resp: 2059777

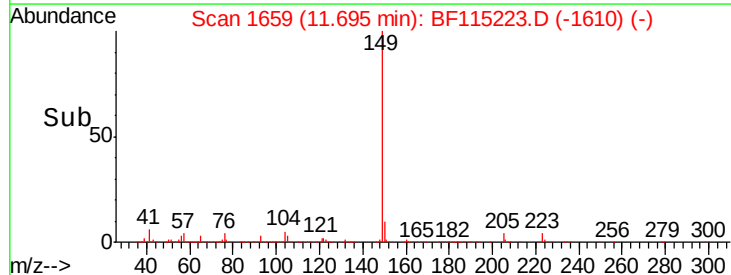
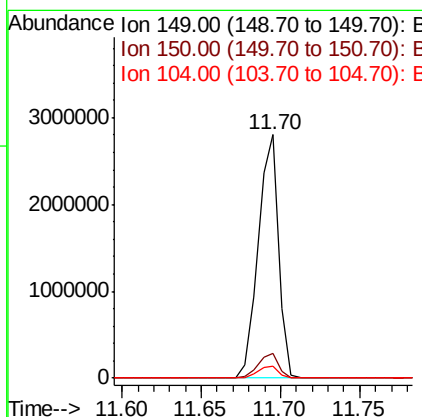
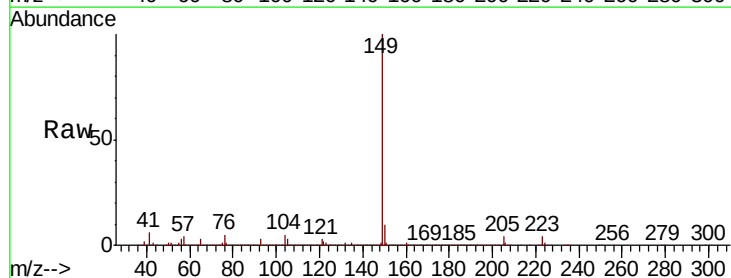
Ion	Ratio	Lower	Upper
167	100		
166	22.8	18.0	27.0
139	13.7	11.1	16.7

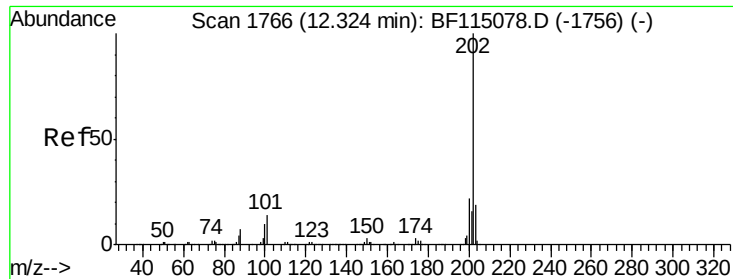


#74
 Di-n-butylphthalate
 Concen: 42.781 ng
 RT: 11.70 min Scan# 1659
 Delta R.T. -0.01 min
 Lab File: BF115223.D
 Acq: 26 Jun 2019 17:04

Tgt Ion:149 Resp: 2506615

Ion	Ratio	Lower	Upper
149	100		
150	10.4	7.8	11.8
104	5.0	3.7	5.5





#75

Fluoranthene

Concen: 37.971 ng

RT: 12.32 min Scan# 1765

Delta R.T. -0.01 min

Lab File: BF115223.D

Acq: 26 Jun 2019 17:04

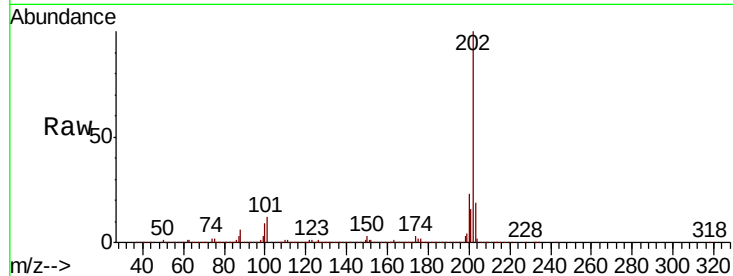
Instrument :

BNA_F

ClientSampleId :

Tot Ion:202 Resp: 2131120

Ion	Ratio	Lower	Upper
202	100		
101	12.4	0.0	34.0
203	19.1	0.0	38.8

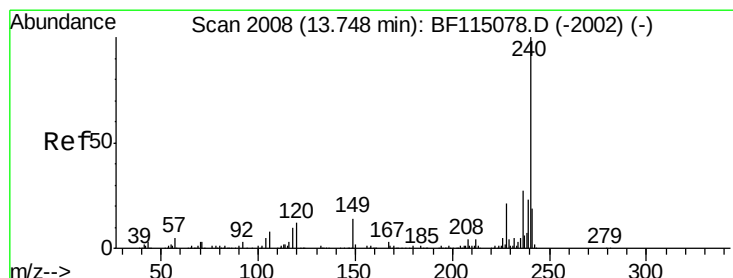
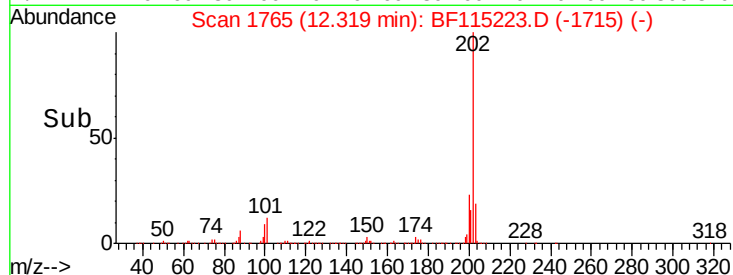
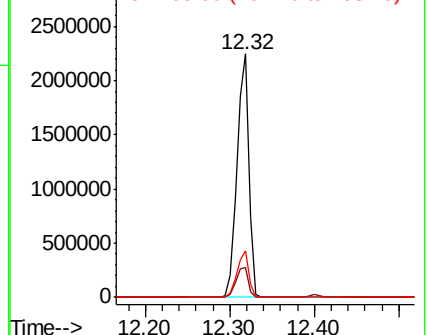


Abundance

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: 13.74 min Scan# 2006

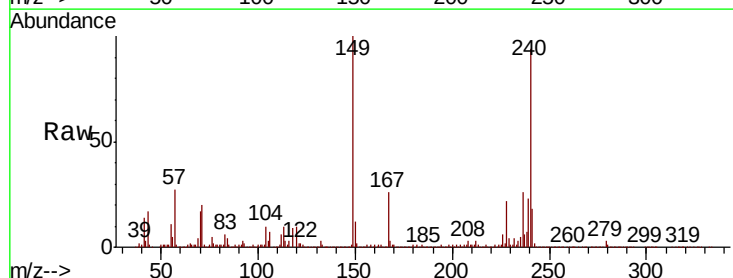
Delta R.T. -0.01 min

Lab File: BF115223.D

Acq: 26 Jun 2019 17:04

Tgt Ion:240 Resp: 609966

Ion	Ratio	Lower	Upper
240	100		
120	10.8	9.4	14.2
236	27.4	21.7	32.5

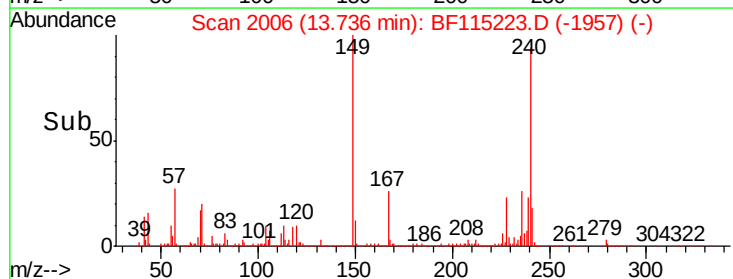
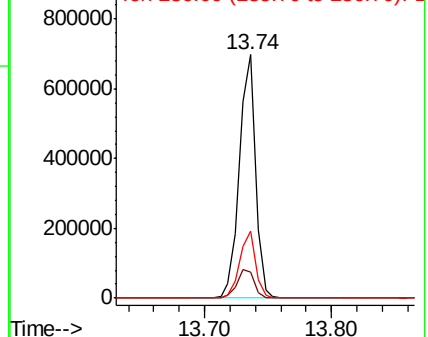


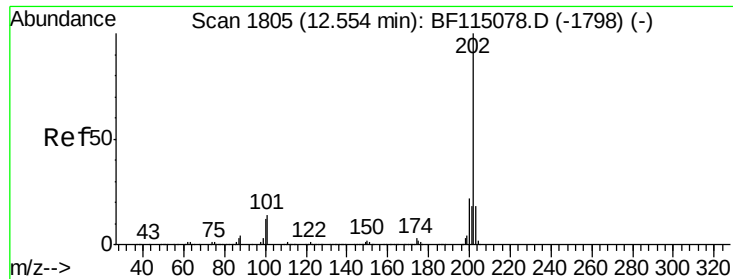
Abundance

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

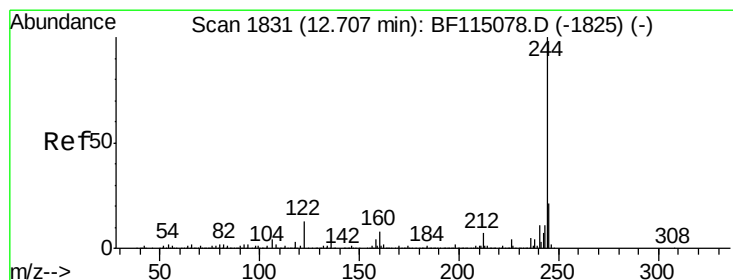
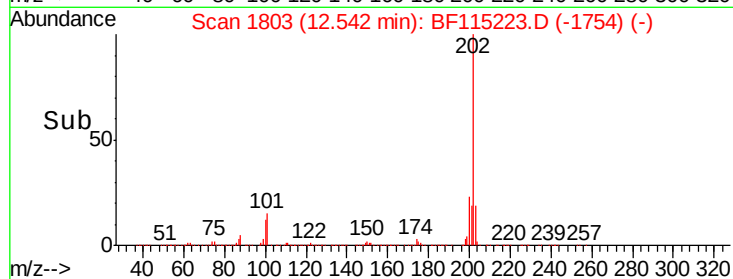
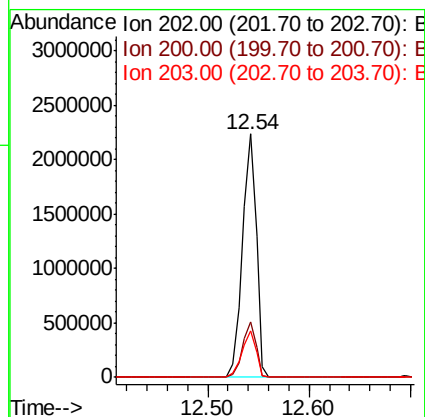
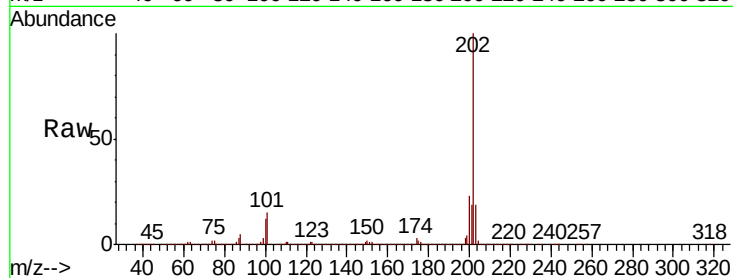




#78
Pvrene
Concen: 45.066 ng
RT: 12.54 min Scan# 1803
Delta R.T. -0.01 min
Lab File: BF115223.D
Acq: 26 Jun 2019 17:04

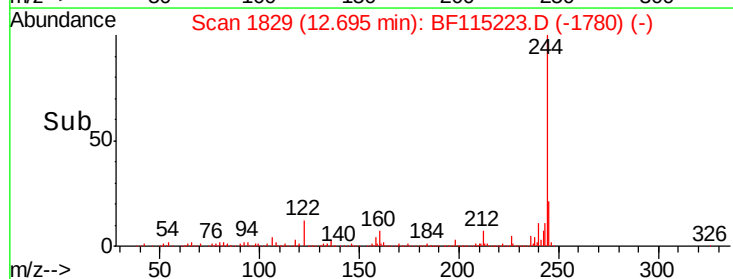
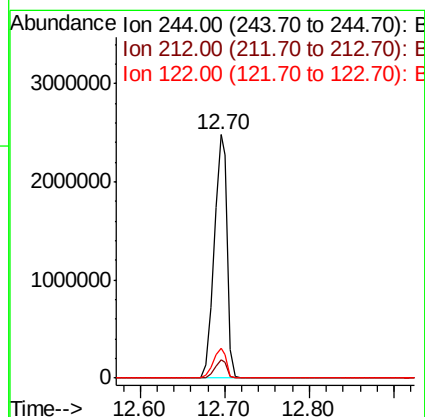
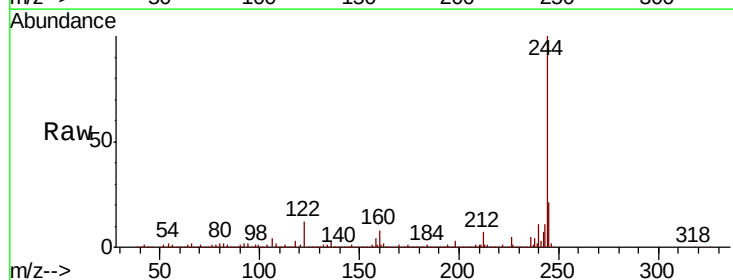
Instrument :
BNA_F
ClientSampleId :

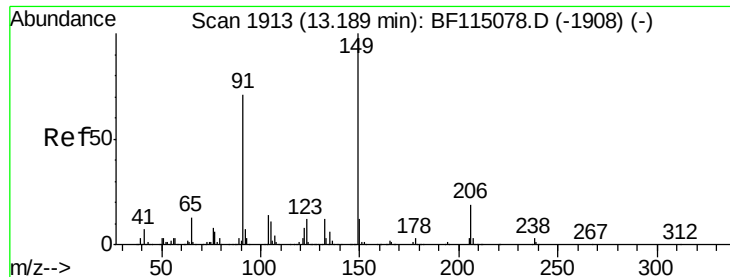
Tot Ion:202 Resp: 2112505
Ion Ratio Lower Upper
202 100
200 23.0 17.9 26.9
203 18.9 14.6 21.8



#79
Terphenyl-d14
Concen: 95.016 ng
RT: 12.70 min Scan# 1829
Delta R.T. -0.01 min
Lab File: BF115223.D
Acq: 26 Jun 2019 17:04

Tgt Ion:244 Resp: 2725870
Ion Ratio Lower Upper
244 100
212 7.4 5.8 8.6
122 12.4 10.4 15.6

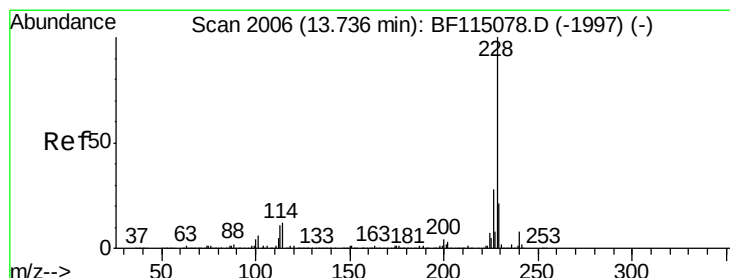
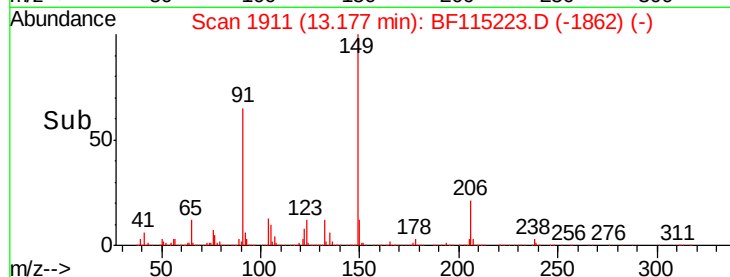
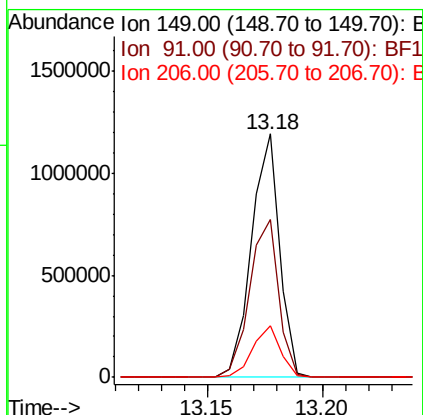
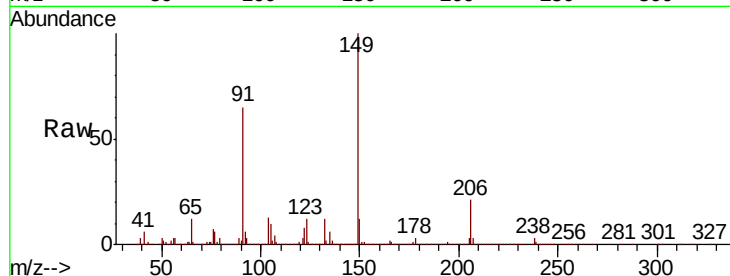




#80
Butylbenzylphthalate
Concen: 49.212 ng
RT: 13.18 min Scan# 1911
Delta R.T. -0.01 min
Lab File: BF115223.D
Acq: 26 Jun 2019 17:04

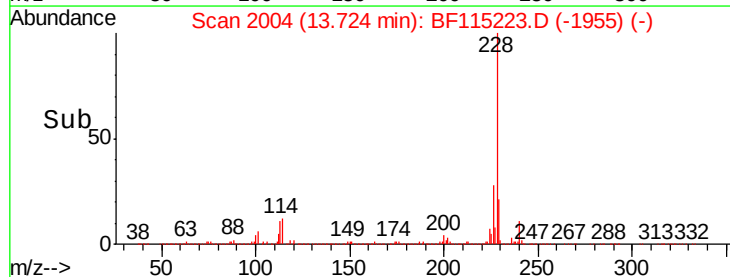
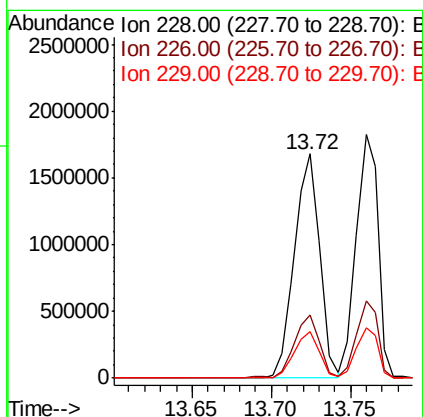
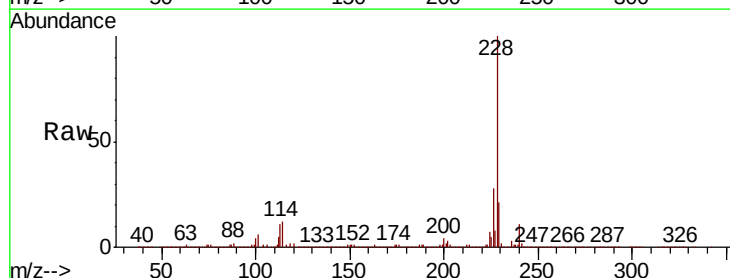
Instrument :
BNA_F
ClientSampleId :

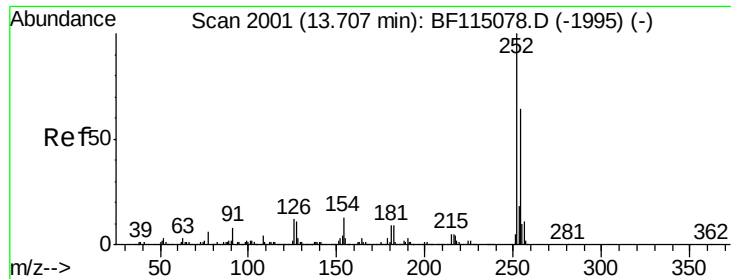
Tot Ion:149 Resp: 1018056
Ion Ratio Lower Upper
149 100
91 65.0 56.5 84.7
206 21.2 15.3 22.9



#81
Benzo(a)anthracene
Concen: 42.122 ng
RT: 13.72 min Scan# 2004
Delta R.T. -0.01 min
Lab File: BF115223.D
Acq: 26 Jun 2019 17:04

Tgt Ion:228 Resp: 1843561
Ion Ratio Lower Upper
228 100
226 28.1 22.5 33.7
229 20.9 16.6 24.8

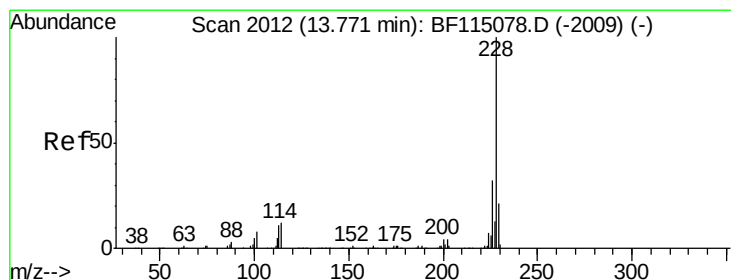
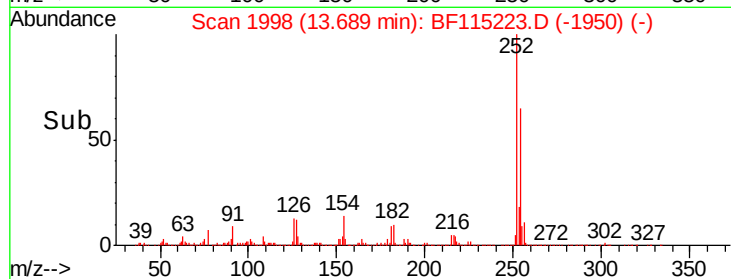
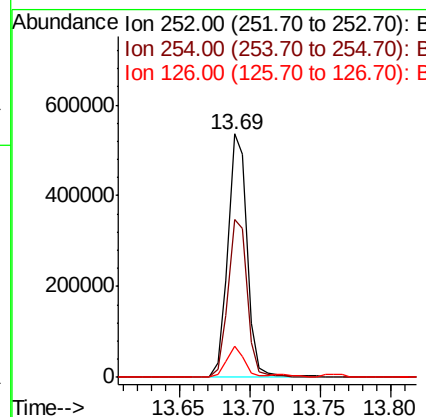
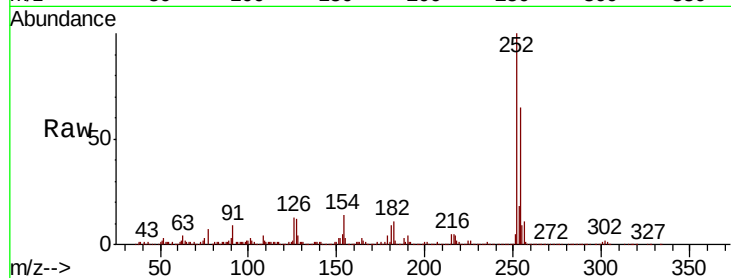




#82
 3,3'-Dichlorobenzidine
 Concen: 32.216 ng
 RT: 13.69 min Scan# 1998
 Delta R.T. -0.02 min
 Lab File: BF115223.D
 Acq: 26 Jun 2019 17:04

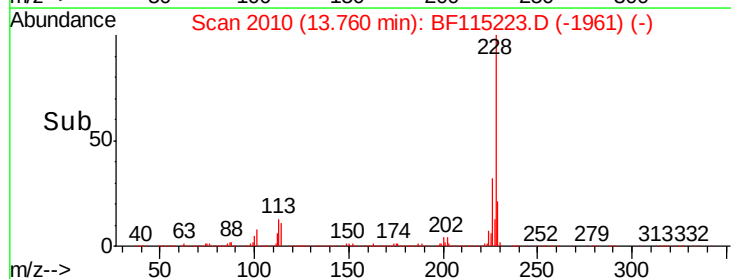
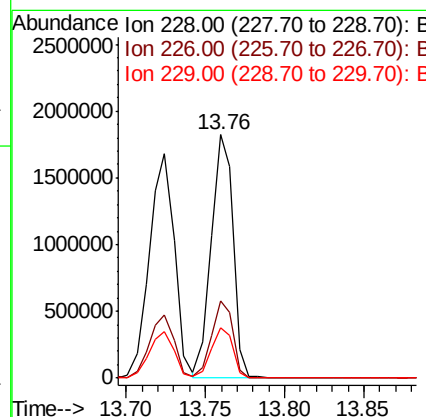
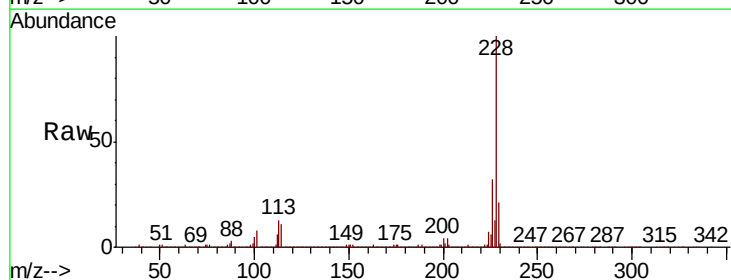
Instrument :
 BNA_F
 ClientSampleId :

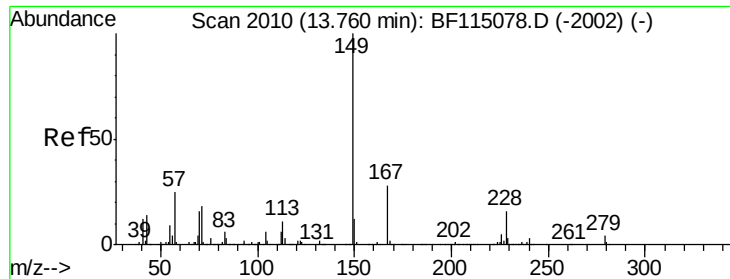
Tot Ion	Ratio	Lower	Upper
252	100		
254	64.9	51.1	76.7
126	12.9	9.4	14.0



#83
 Chrysene
 Concen: 43.840 ng
 RT: 13.76 min Scan# 2010
 Delta R.T. -0.01 min
 Lab File: BF115223.D
 Acq: 26 Jun 2019 17:04

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.6	25.4	38.0
229	20.9	16.5	24.7





#84

Bis(2-ethylhexyl)phthalate

Concen: 49.995 ng

RT: 13.74 min Scan# 2007

Delta R.T. -0.02 min

Lab File: BF115223.D

Acq: 26 Jun 2019 17:04

Instrument :

BNA_F

ClientSampleId :

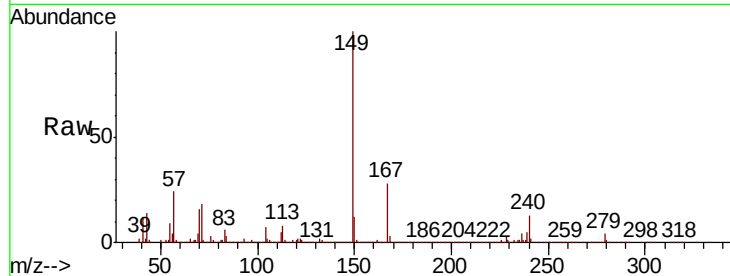
Tot Ion:149 Resp: 1355179

Ion	Ratio	Lower	Upper
149	100		
167	28.0	22.2	33.4
279	3.9	2.9	4.3

149 100

167 28.0 22.2 33.4

279 3.9 2.9 4.3

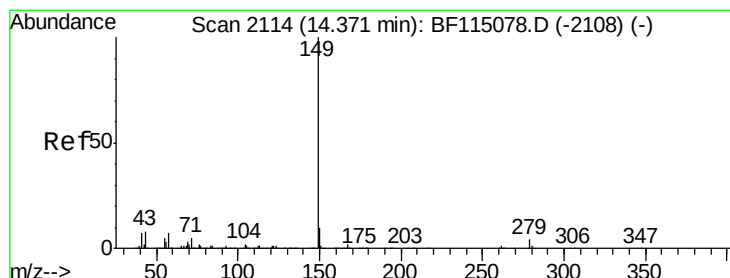
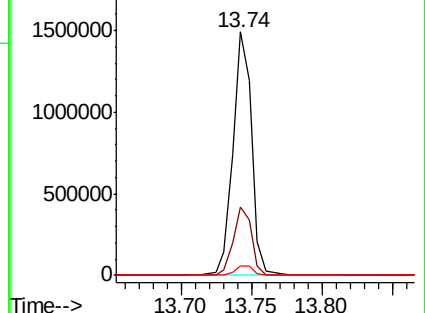
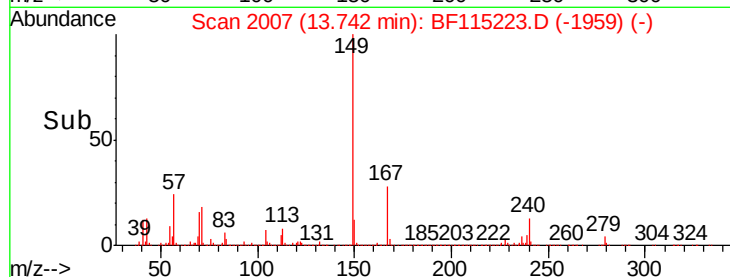


Abundance

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: 48.637 ng

RT: 14.35 min Scan# 2111

Delta R.T. -0.02 min

Lab File: BF115223.D

Acq: 26 Jun 2019 17:04

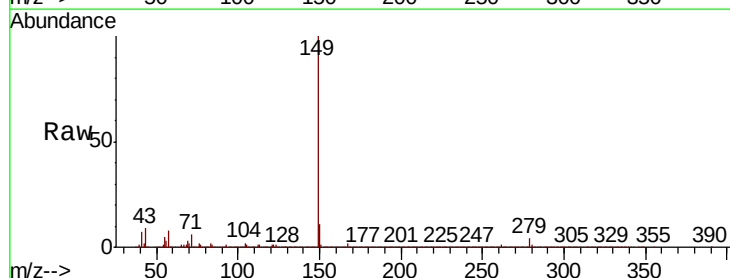
Tgt Ion:149 Resp: 2215119

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	8.7	7.0	10.6

149 100

167 1.6 1.2 1.8

43 8.7 7.0 10.6

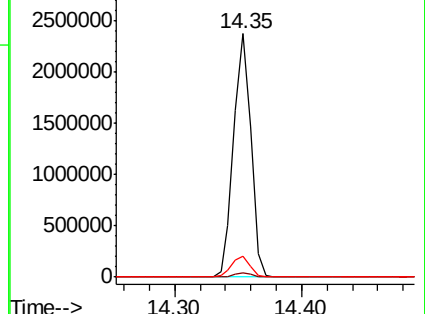
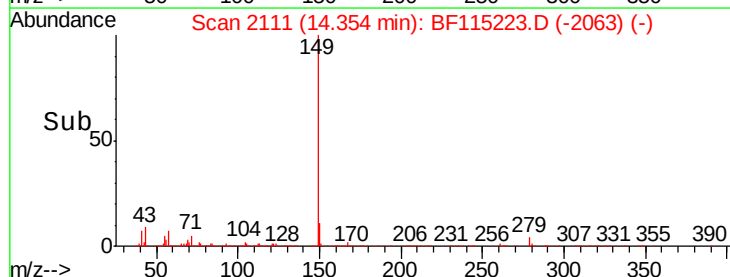


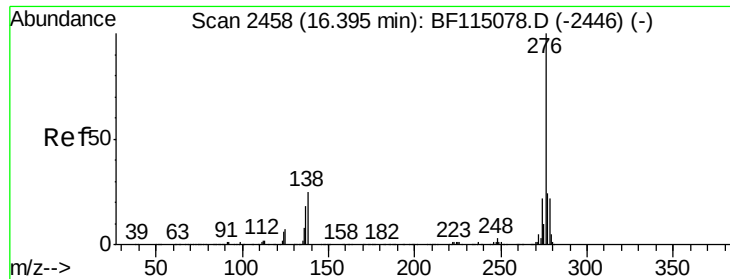
Abundance

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



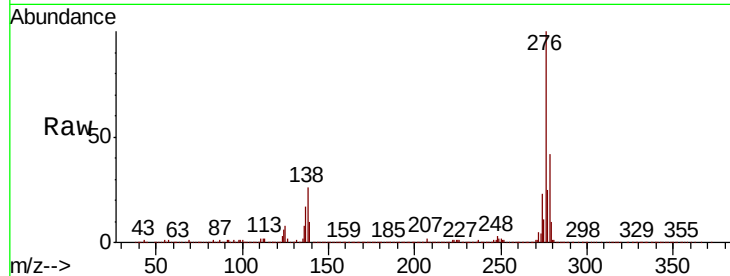


#86
 Indeno(1,2,3-cd)pyrene
 Concen: 33.043 ng
 RT: 16.38 min Scan# 2455
 Delta R.T. -0.02 min
 Lab File: BF115223.D
 Acq: 26 Jun 2019 17:04

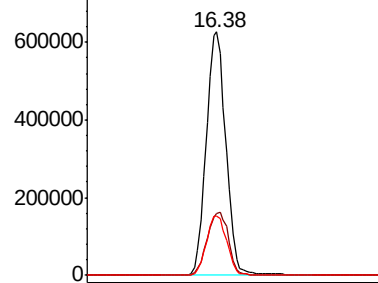
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:276 Resp: 1567589

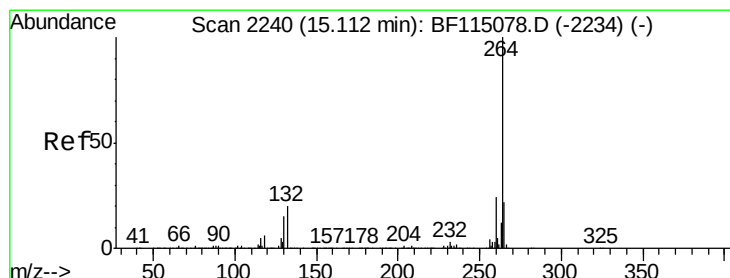
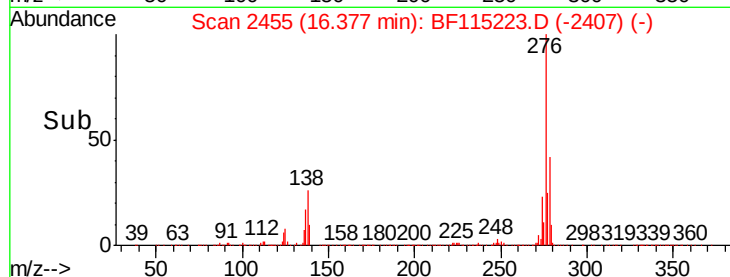
Ion	Ratio	Lower	Upper
276	100		
138	28.1	23.2	34.8
277	25.3	20.1	30.1



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



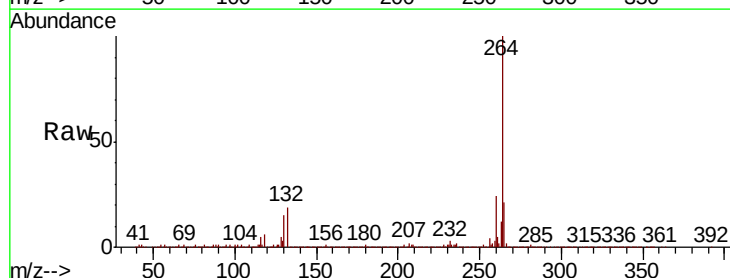
Time-->



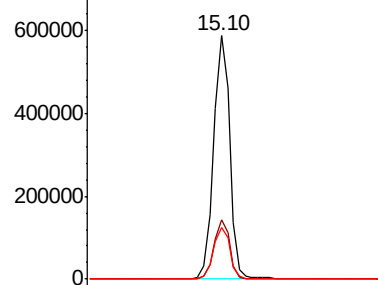
#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.10 min Scan# 2238
 Delta R.T. -0.01 min
 Lab File: BF115223.D
 Acq: 26 Jun 2019 17:04

Tgt Ion:264 Resp: 651610

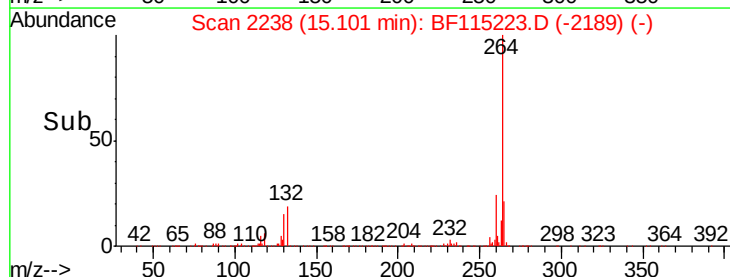
Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.6	29.4
265	21.5	17.3	25.9

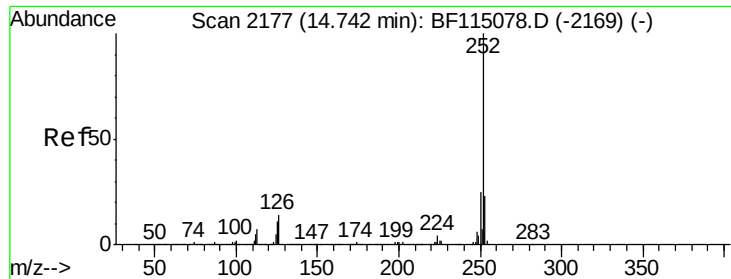


Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E



Time-->

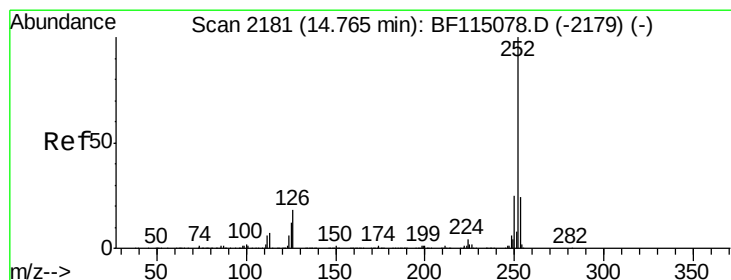
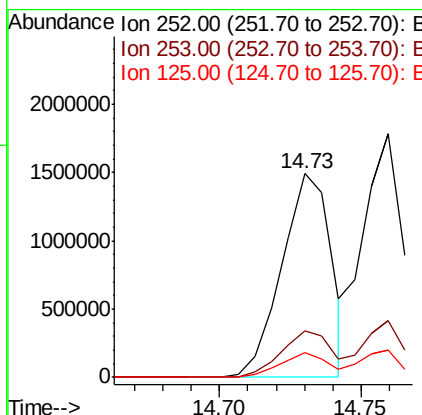
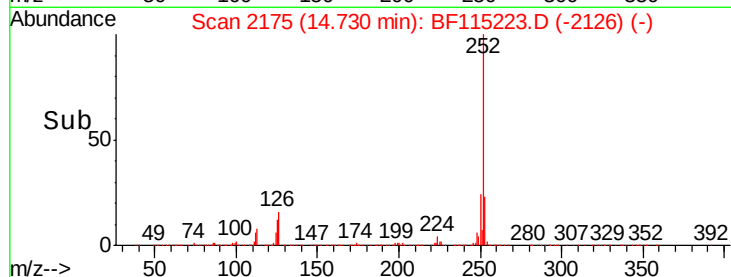
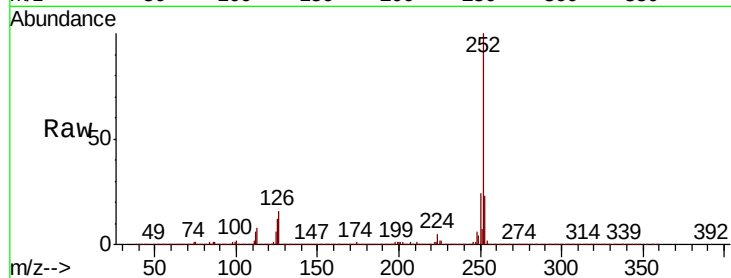




#88
Benzo(b)fluoranthene
Concen: 44.536 ng
RT: 14.73 min Scan# 2175
Delta R.T. -0.01 min
Lab File: BF115223.D
Acq: 26 Jun 2019 17:04

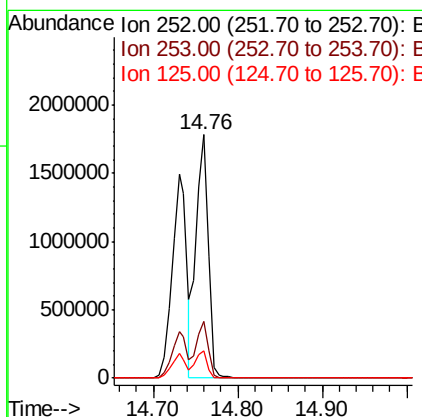
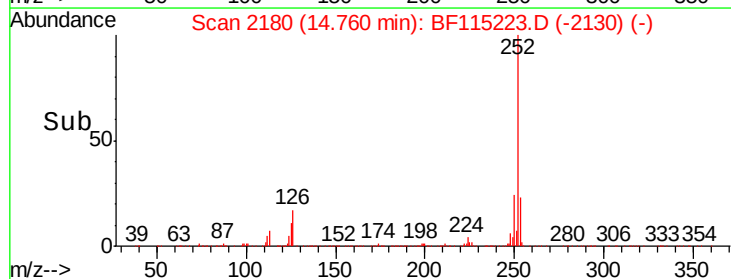
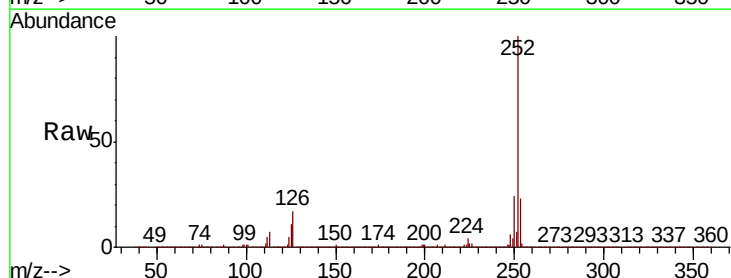
Instrument :
BNA_F
ClientSampled :

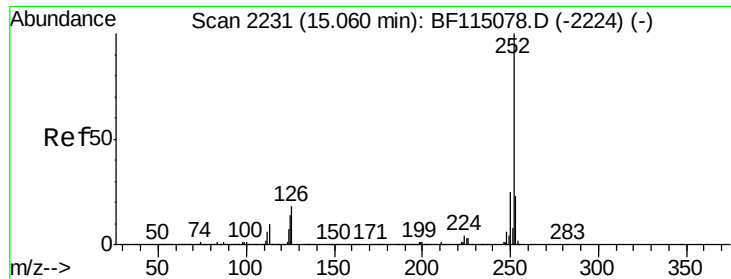
Tot Ion:252 Resp: 1810761
Ion Ratio Lower Upper
252 100
253 22.7 18.1 27.1
125 12.0 8.7 13.1



#89
Benzo(k)fluoranthene
Concen: 47.970 ng
RT: 14.76 min Scan# 2180
Delta R.T. -0.01 min
Lab File: BF115223.D
Acq: 26 Jun 2019 17:04

Tgt Ion:252 Resp: 1749065
Ion Ratio Lower Upper
252 100
253 23.2 18.9 28.3
125 11.4 10.2 15.2

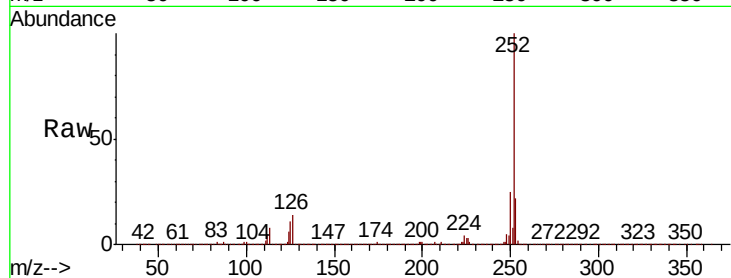




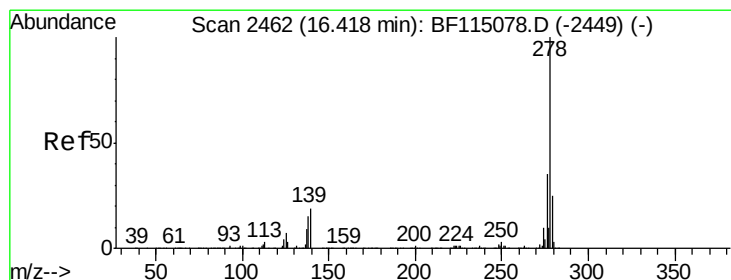
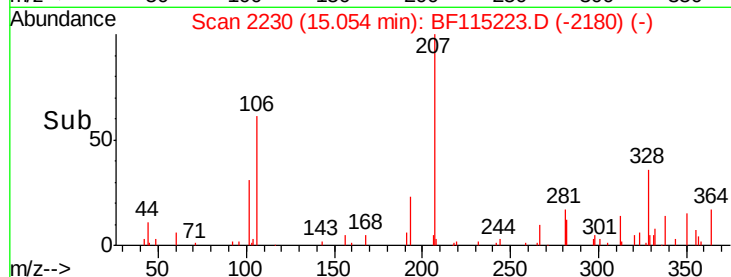
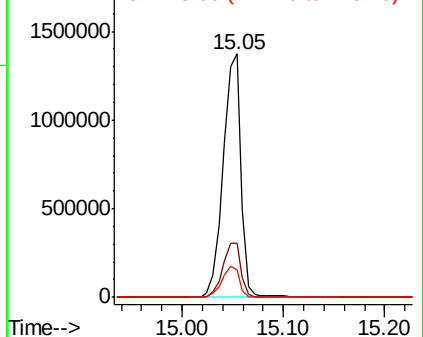
#90
Benzo(a)pyrene
Concen: 45.496 ng
RT: 15.05 min Scan# 2230
Delta R.T. -0.01 min
Lab File: BF115223.D
Acq: 26 Jun 2019 17:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 1667252
Ion Ratio Lower Upper
252 100
253 22.2 18.3 27.5
125 11.2 10.9 16.3

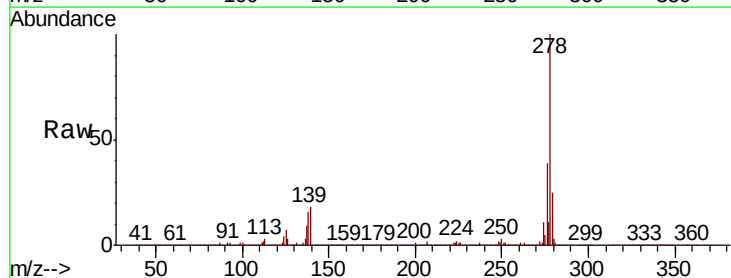


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

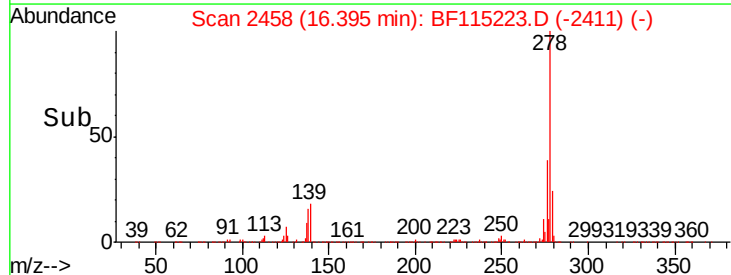
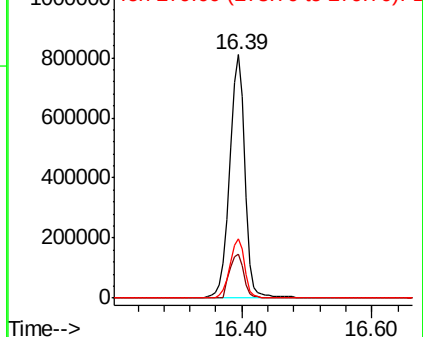


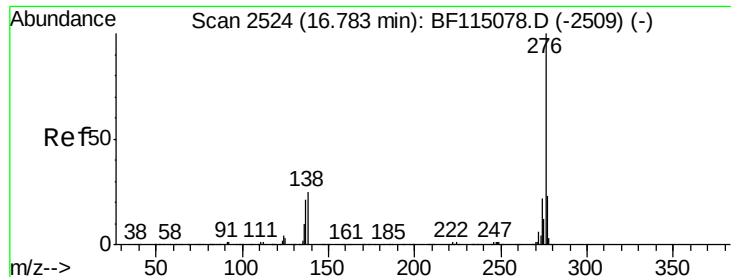
#91
Dibenzo(a,h)anthracene
Concen: 38.601 ng
RT: 16.39 min Scan# 2458
Delta R.T. -0.02 min
Lab File: BF115223.D
Acq: 26 Jun 2019 17:04

Tgt Ion:278 Resp: 1320595
Ion Ratio Lower Upper
278 100
139 18.1 15.4 23.2
279 24.5 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(a,h,i)perylene

Concen: 35.706 ng

RT: 16.76 min Scan# 2520

Delta R.T. -0.02 min

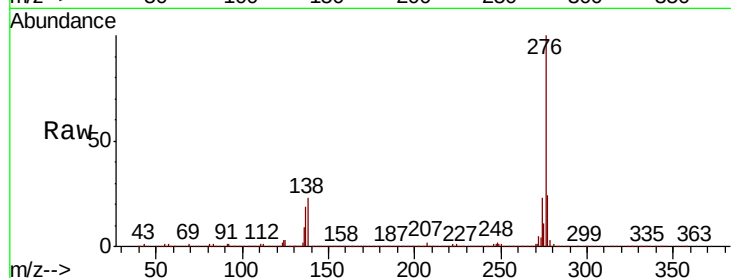
Lab File: BF115223.D

Acq: 26 Jun 2019 17:04

Instrument :

BNA_F

ClientSampleId :



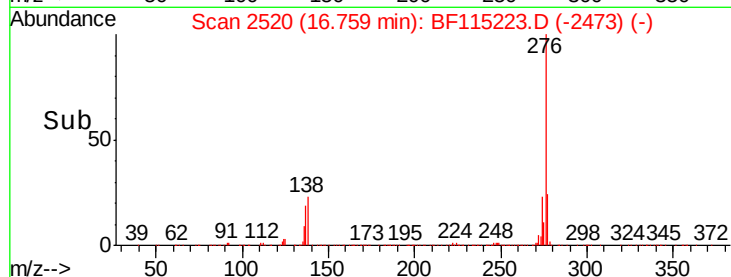
Tot Ion:276 Resp: 1236357

Ion Ratio Lower Upper

276 100

277 23.6 18.6 28.0

138 23.1 19.8 29.6



Abundance Ion 276.00 (275.70 to 276.70): E

800000 Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

