

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062619\
 Data File : BF115224.D
 Acq On : 26 Jun 2019 17:40
 Operator : HP/JU
 Sample : K3309-09MSD
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 27 01:29:33 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	300565	20.00	ng	0.00
21) Naphthalene-d8	7.90	136	1151567	20.00	ng	0.00
39) Acenaphthene-d10	9.64	164	551040	20.00	ng	0.00
64) Phenanthrene-d10	11.11	188	959405	20.00	ng	0.00
76) Chrysene-d12	13.87	240	646091	20.00	ng	0.12
87) Perylene-d12	15.41	264	671671	20.00	ng	0.30

System Monitoring Compounds

5) 2-Fluorophenol	5.21	112	1075271	55.21	ng	0.00
7) Phenol-d6	6.25	99	868595	36.74	ng	0.00
23) Nitrobenzene-d5	7.18	82	1666502	89.02	ng	0.00
42) 2,4,6-Tribromophenol	10.42	330	669332	115.19	ng	0.00
45) 2-Fluorobiphenyl	8.98	172	2923197	90.11	ng	0.00
79) Terphenyl-d14	12.73	244	2639997	86.88	ng	0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.25	88	174429	18.976	ng	98
3) Pyridine	2.91	79	343696	13.266	ng	99
4) n-Nitrosodimethylamine	2.84	42	157338	15.491	ng	95
6) Aniline	6.27	93	461105	14.192	ng	# 91
8) 2-Chlorophenol	6.40	128	703517	32.123	ng	97
9) Benzaldehyde	6.15	77	173663	11.260	ng	97
10) Phenol	6.27	94	353932	12.781	ng	89
11) bis(2-Chloroethyl)ether	6.35	93	787697	38.589	ng	100
12) 1,3-Dichlorobenzene	6.55	146	935442	38.486	ng	99
13) 1,4-Dichlorobenzene	6.63	146	991437	40.677	ng	99
14) 1,2-Dichlorobenzene	6.78	146	874134	38.728	ng	98
15) Benzyl Alcohol	6.76	79	436601	25.363	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.90	45	1127037	38.068	ng	97
17) 2-Methylphenol	6.88	107	493341	27.290	ng	98
18) Hexachloroethane	7.13	117	336851	38.335	ng	96
19) n-Nitroso-di-n-propylamine	7.04	70	570905	37.721	ng	98
20) 3+4-Methylphenols	7.03	107	498907	23.901	ng	# 81
22) Acetophenone	7.02	105	1161301	44.050	ng	# 94
24) Nitrobenzene	7.20	77	877184	42.533	ng	100
25) Isophorone	7.44	82	1589495	41.449	ng	99
26) 2-Nitrophenol	7.51	139	459489	45.115	ng	99
27) 2,4-Dimethylphenol	7.56	122	670127	40.186	ng	99
28) bis(2-Chloroethoxy)methane	7.65	93	1005626	41.490	ng	99
29) 2,4-Dichlorophenol	7.75	162	682392	39.654	ng	98
30) 1,2,4-Trichlorobenzene	7.84	180	808169	42.516	ng	99
31) Naphthalene	7.92	128	2362067	41.786	ng	100
32) Benzoic acid	7.65	122	126575	10.634	ng	97
33) 4-Chloroaniline	7.97	127	406340	15.729	ng	98
34) Hexachlorobutadiene	8.04	225	437534	42.003	ng	98
35) Caprolactam	8.34	113	35437	6.125	ng	96
36) 4-Chloro-3-methylphenol	8.45	107	642584	36.871	ng	99
37) 2-Methylnaphthalene	8.61	142	1624698	42.627	ng	99
38) 1-Methylnaphthalene	8.71	142	1595301	43.825	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.77	216	726325	46.645	ng	99

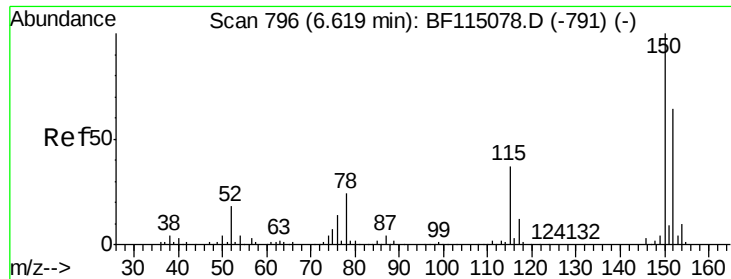
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062619\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 24 04:21:29 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.77	237	378456	40.988	ng	100
43) 2,4,6-Trichlorophenol	8.88	196	505419	42.042	ng	99
44) 2,4,5-Trichlorophenol	8.92	196	521300	42.108	ng	97
46) 1,1'-Biphenyl	9.07	154	1887497	42.809	ng	98
47) 2-Chloronaphthalene	9.09	162	1511127	42.252	ng	97
48) 2-Nitroaniline	9.18	65	450987	43.252	ng	96
49) Acenaphthylene	9.51	152	2297657	41.234	ng	99
50) Dimethylphthalate	9.38	163	1771218	43.689	ng	100
51) 2,6-Dinitrotoluene	9.43	165	416616	44.512	ng	98
52) Acenaphthene	9.68	154	1688768	48.433	ng	99
53) 3-Nitroaniline	9.59	138	218066	19.092	ng	98
54) 2,4-Dinitrophenol	9.70	184	254527	55.341	ng	96
55) Dibenzofuran	9.85	168	2008004	40.124	ng	99
56) 4-Nitrophenol	9.76	139	252962	27.625	ng	95
57) 2,4-Dinitrotoluene	9.83	165	531457	43.975	ng	96
58) Fluorene	10.19	166	1542972	46.532	ng	98
59) 2,3,4,6-Tetrachlorophenol	9.97	232	438058	42.198	ng	98
60) Diethylphthalate	10.08	149	1727196	42.383	ng	99
61) 4-Chlorophenyl-phenylether	10.18	204	671552	41.950	ng	97
62) 4-Nitroaniline	10.20	138	387317	33.802	ng	96
63) Azobenzene	10.34	77	1521428	39.970	ng	98
65) 4,6-Dinitro-2-methylphenol	10.24	198	172490	35.258	ng	95
66) n-Nitrosodiphenylamine	10.30	169	1396392	46.718	ng	100
67) 4-Bromophenyl-phenylether	10.67	248	475187	45.683	ng	93
68) Hexachlorobenzene	10.74	284	500665	44.343	ng	97
69) Atrazine	10.84	200	431528	44.880	ng	99
70) Pentachlorophenol	10.92	266	562447	78.194	ng	96
71) Phenanthrene	11.14	178	2138862	41.406	ng	99
72) Anthracene	11.19	178	2188597	41.973	ng	100
73) Carbazole	11.34	167	1900798	40.823	ng	99
74) Di-n-butylphthalate	11.70	149	2378698	44.210	ng	99
75) Fluoranthene	12.34	202	2031797	39.422	ng	98
77) Benzidine	12.46	184	196484	6.849	ng	97
78) Pyrene	12.57	202	2032153	40.928	ng	99
80) Butylbenzylphthalate	13.25	149	980239	44.735	ng	97
81) Benzo(a)anthracene	13.85	228	1878923	40.530	ng	99
82) 3,3'-Dichlorobenzidine	13.82	252	512107	30.590	ng	98
83) Chrysene	13.89	228	1639565	38.609	ng	99
84) Bis(2-ethylhexyl)phthalate	13.88	149	1240895	43.219	ng	100
85) Di-n-octyl phthalate	14.60	149	2241353	46.462	ng	99
86) Indeno(1,2,3-cd)pyrene	16.72	276	1702056	33.872	ng	99
88) Benzo(b)fluoranthene	15.05	252	1827545	43.606	ng	98
89) Benzo(k)fluoranthene	15.05	252	1827545	48.625	ng	99
90) Benzo(a)pyrene	15.36	252	1722694	45.605	ng	100
91) Dibenzo(a,h)anthracene	16.74	278	1463737	41.507	ng	98
92) Benzo(g,h,i)perylene	17.11	276	1343383	37.638	ng	99

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

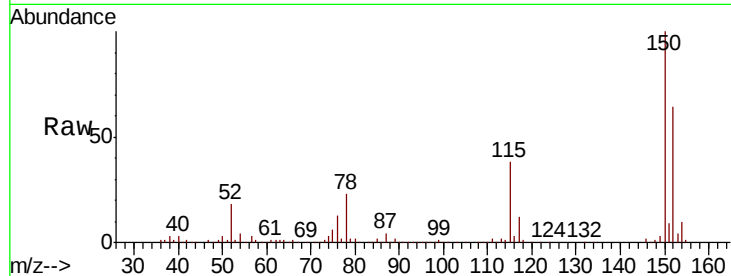


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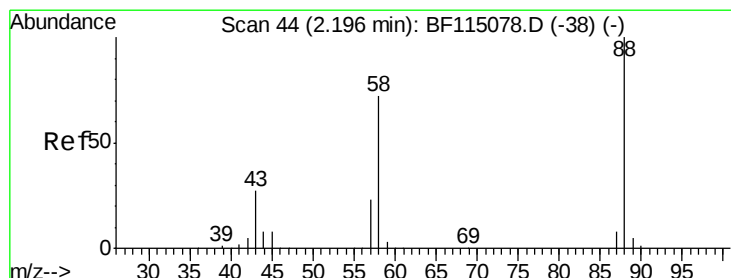
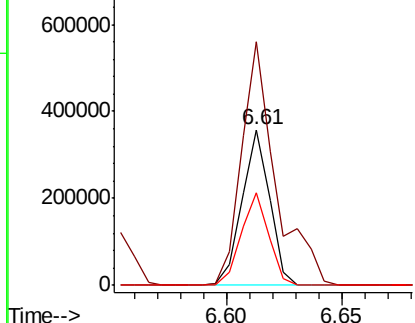
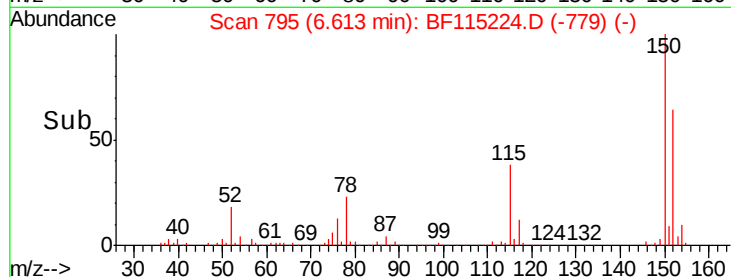
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.61 min Scan# 795
Delta R.T. -0.01 min
Lab File: BF115224.D
Acq: 26 Jun 2019 17:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 300565
Ion Ratio Lower Upper
152 100
150 156.2 124.2 186.2
115 59.2 46.1 69.1



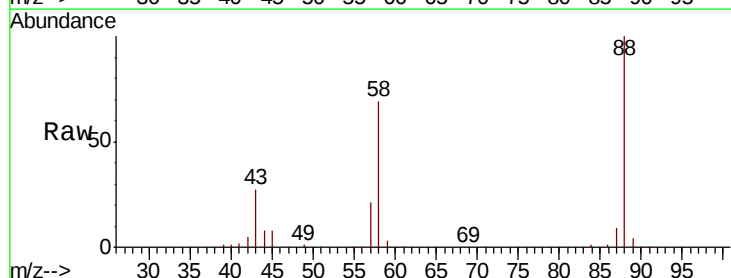
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



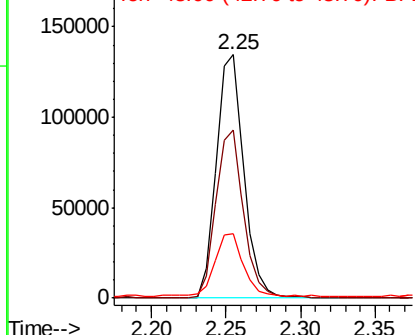
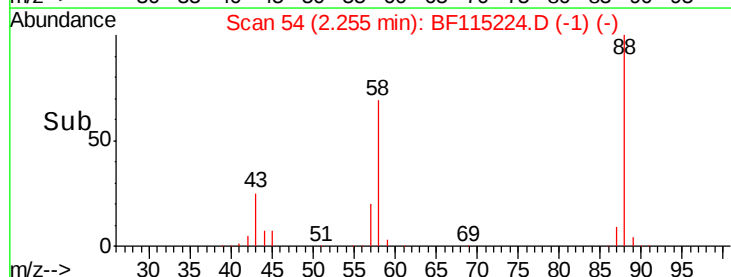
#2

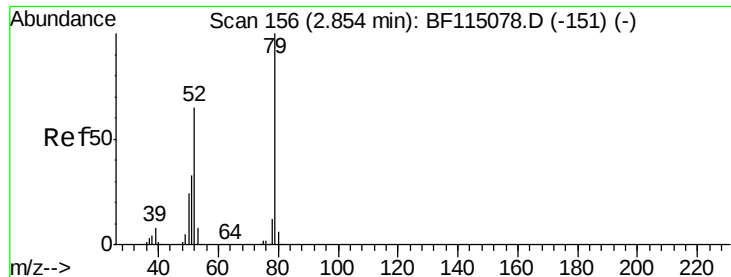
1,4-Dioxane
Concen: 18.976 ng
RT: 2.25 min Scan# 54
Delta R.T. 0.06 min
Lab File: BF115224.D
Acq: 26 Jun 2019 17:40

Tgt Ion: 88 Resp: 174429
Ion Ratio Lower Upper
88 100
58 68.2 56.1 84.1
43 26.6 21.3 31.9



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 13.266 ng

RT: 2.91 min Scan# 165

Delta R.T. 0.05 min

Lab File: BF115224.D

Acq: 26 Jun 2019 17:40

Instrument :

BNA_F

ClientSampleId :

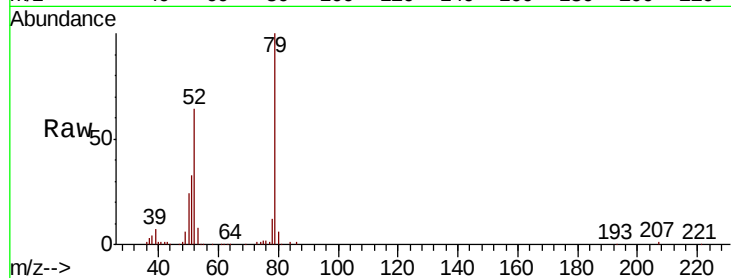
Tot Ion: 79 Resp: 343696

Ion Ratio Lower Upper

79 100

52 64.0 52.3 78.5

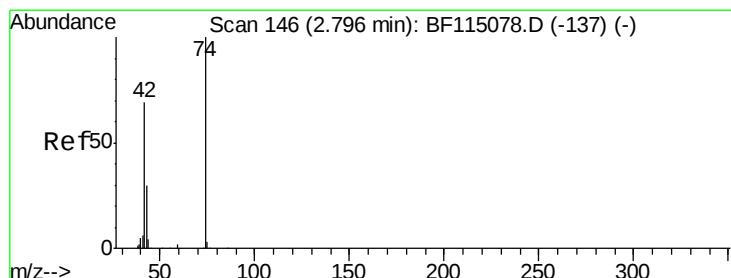
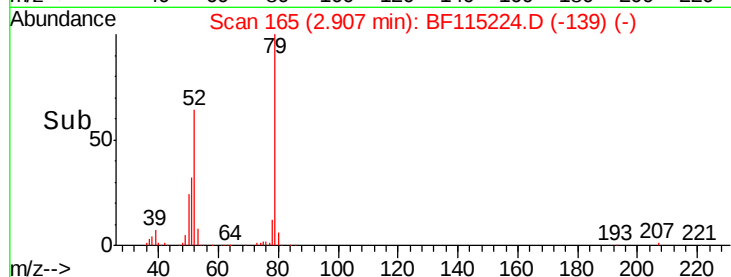
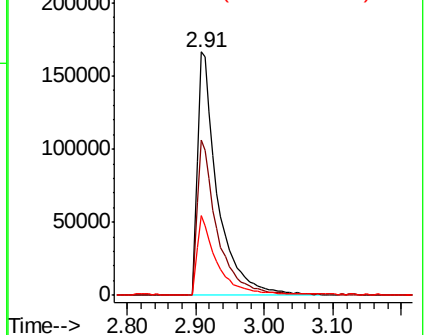
51 32.5 26.1 39.1



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 15.491 ng

RT: 2.84 min Scan# 153

Delta R.T. 0.04 min

Lab File: BF115224.D

Acq: 26 Jun 2019 17:40

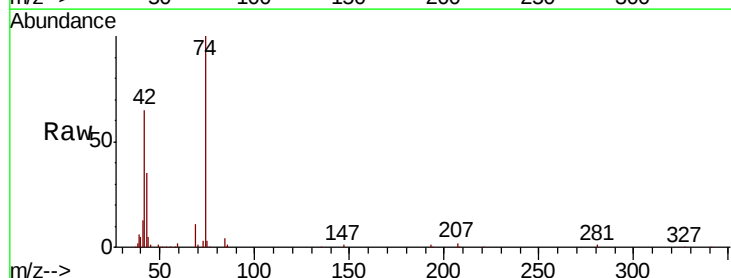
Tgt Ion: 42 Resp: 157338

Ion Ratio Lower Upper

42 100

74 152.8 116.6 175.0

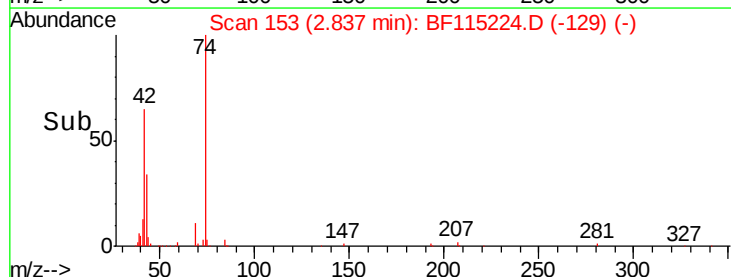
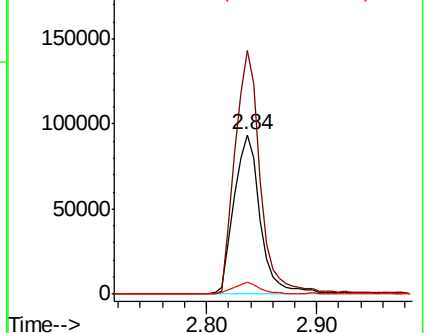
44 7.2 5.3 7.9

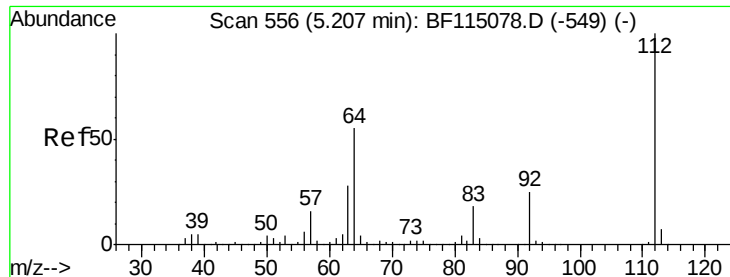


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 55.207 ng

RT: 5.21 min Scan# 557

Delta R.T. 0.01 min

Lab File: BF115224.D

Acq: 26 Jun 2019 17:40

Instrument :

BNA_F

ClientSampled :

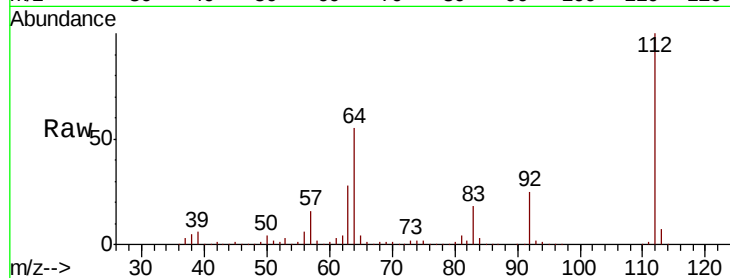
Tot Ion: 112 Resp: 1075271

Ion Ratio Lower Upper

112 100

64 54.9 43.8 65.6

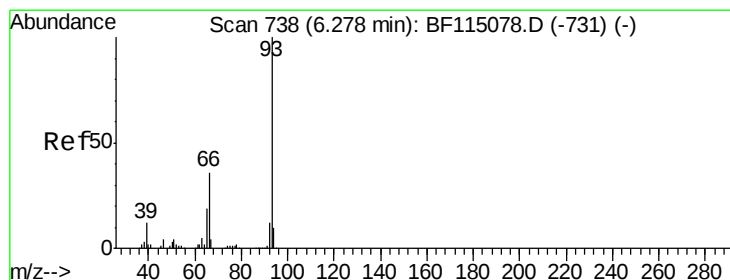
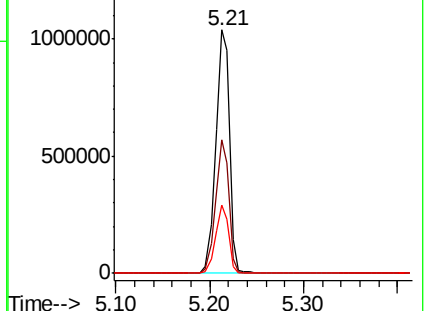
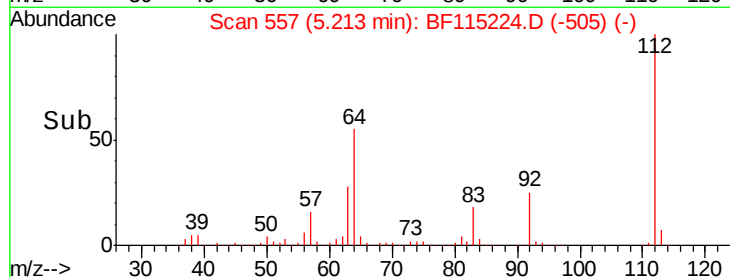
63 27.8 22.2 33.4



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: 14.192 ng

RT: 6.27 min Scan# 737

Delta R.T. -0.01 min

Lab File: BF115224.D

Acq: 26 Jun 2019 17:40

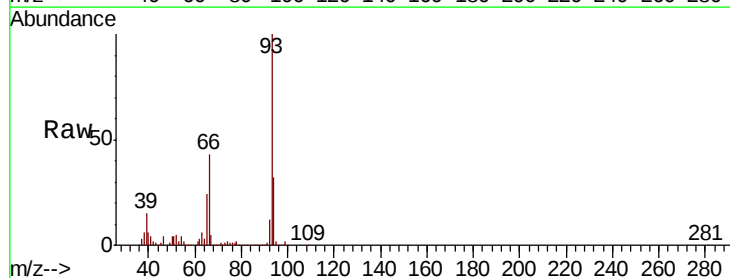
Tgt Ion: 93 Resp: 461105

Ion Ratio Lower Upper

93 100

66 43.0 30.0 45.0

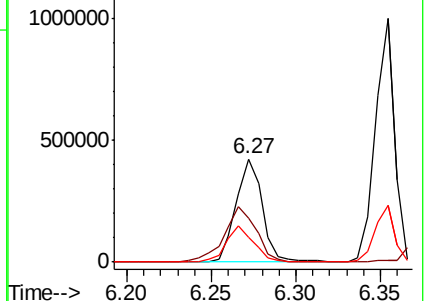
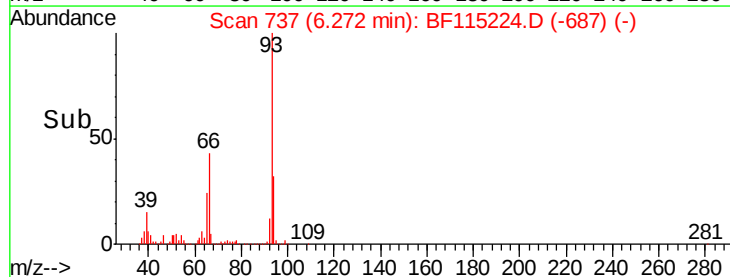
65 23.9 15.6 23.4#

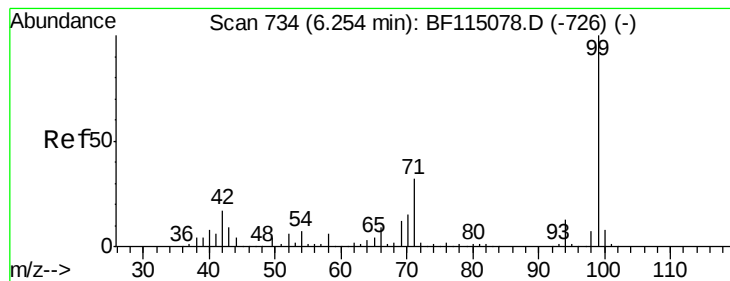


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 36.742 ng

RT: 6.25 min Scan# 734

Delta R.T. 0.00 min

Lab File: BF115224.D

Acq: 26 Jun 2019 17:40

Instrument :

BNA_F

ClientSampleId :

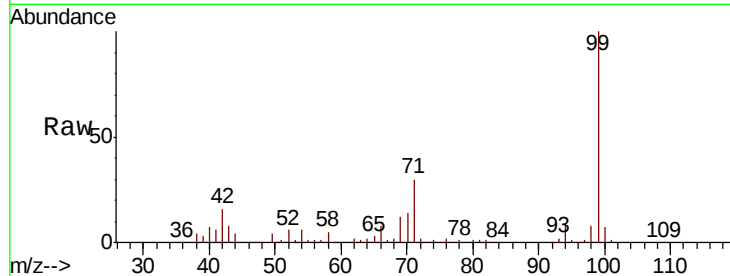
Tot Ion: 99 Resp: 868595

Ion Ratio Lower Upper

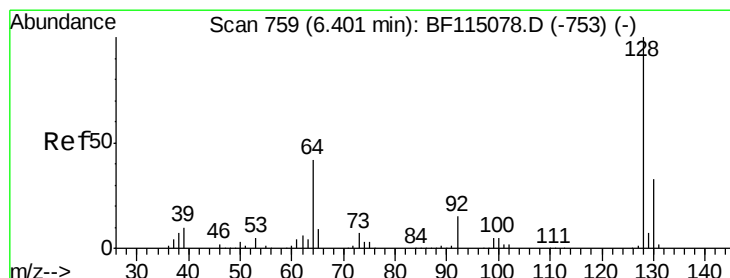
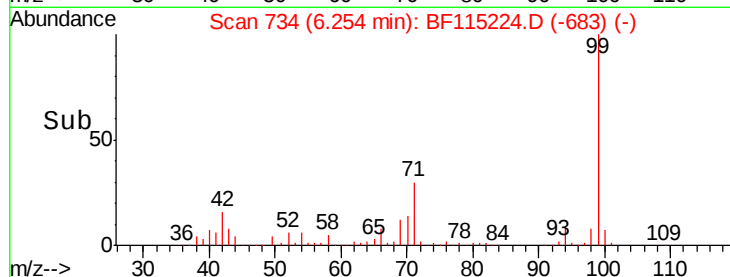
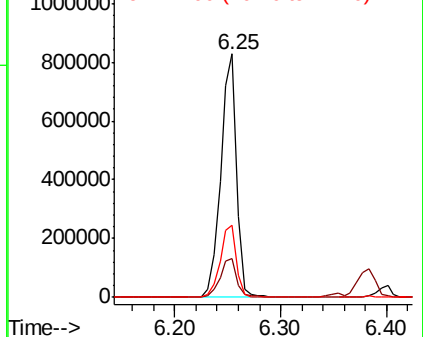
99 100

42 15.7 13.6 20.4

71 29.9 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: 32.123 ng

RT: 6.40 min Scan# 759

Delta R.T. 0.00 min

Lab File: BF115224.D

Acq: 26 Jun 2019 17:40

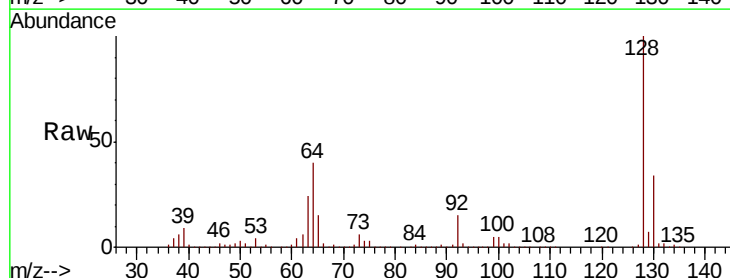
Tgt Ion: 128 Resp: 703517

Ion Ratio Lower Upper

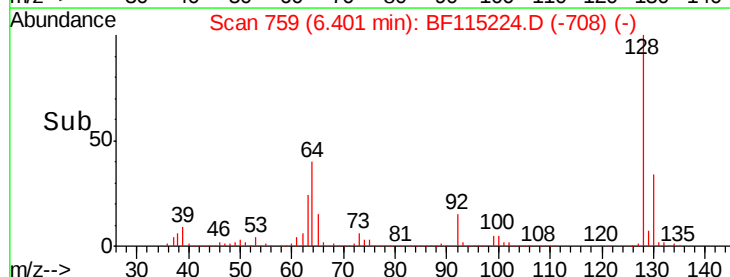
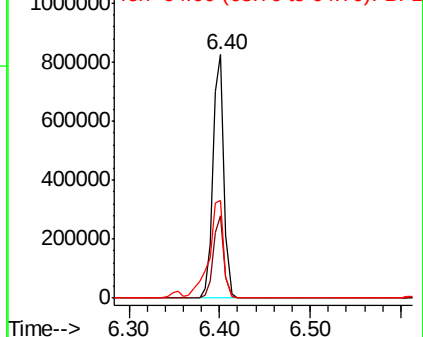
128 100

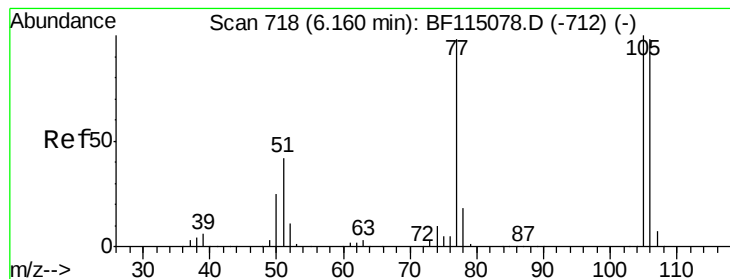
130 33.8 12.9 52.9

64 40.0 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: 11.260 ng

RT: 6.15 min Scan# 717

Delta R.T. -0.01 min

Lab File: BF115224.D

Acq: 26 Jun 2019 17:40

Instrument :

BNA_F

ClientSampleId :

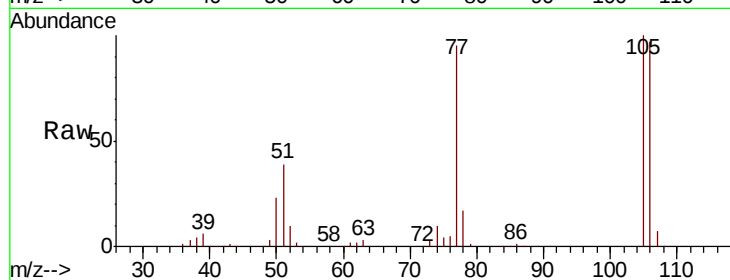
Tot Ion: 77 Resp: 173663

Ion Ratio Lower Upper

77 100

105 104.9 81.5 121.5

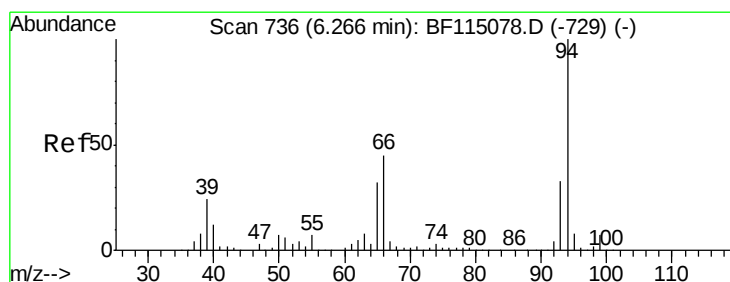
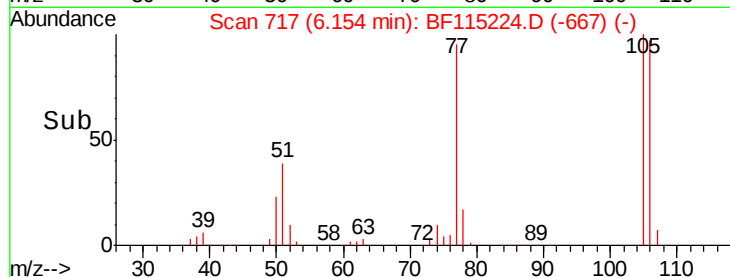
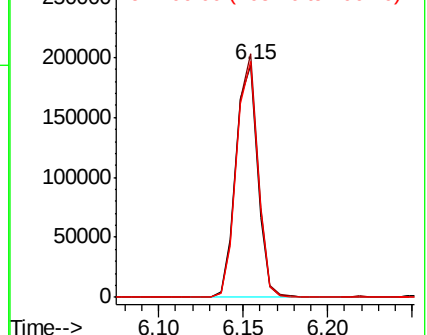
106 101.7 79.7 119.7



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: 12.781 ng

RT: 6.27 min Scan# 736

Delta R.T. 0.00 min

Lab File: BF115224.D

Acq: 26 Jun 2019 17:40

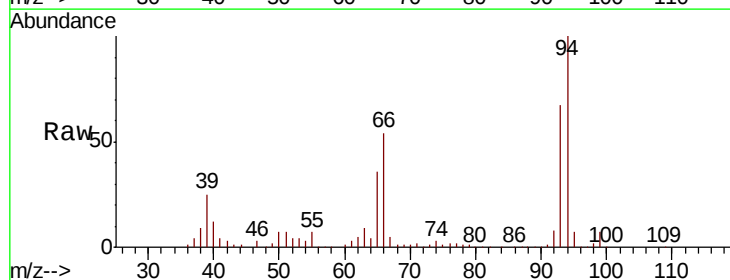
Tgt Ion: 94 Resp: 353932

Ion Ratio Lower Upper

94 100

65 35.8 11.9 51.9

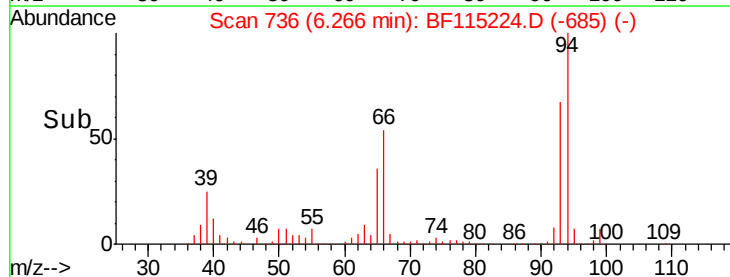
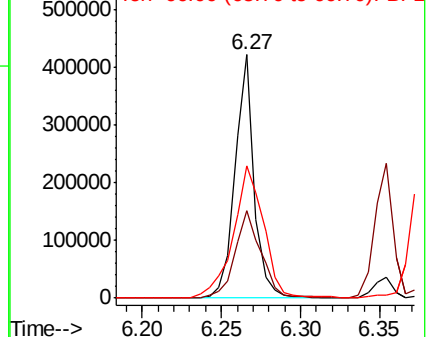
66 54.1 25.2 65.2

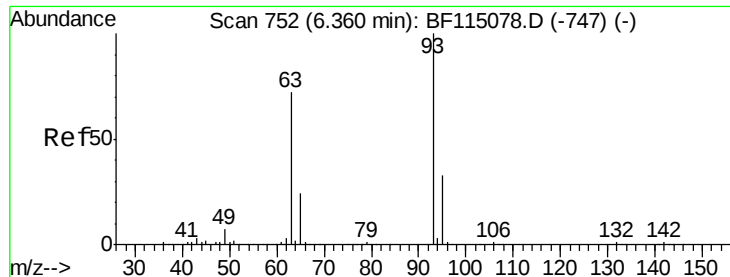


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

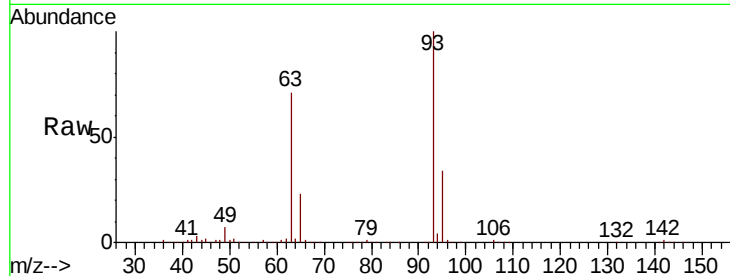




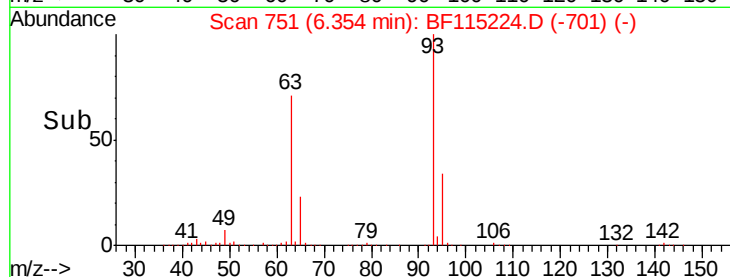
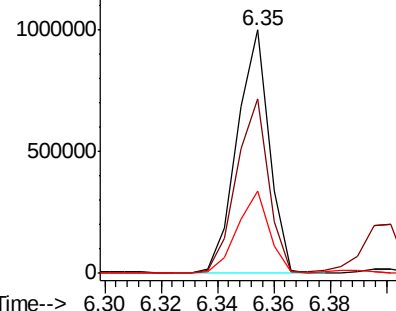
#11
bis(2-Chloroethyl)ether
Concen: 38.589 ng
RT: 6.35 min Scan# 751
Delta R.T. -0.01 min
Lab File: BF115224.D
Acq: 26 Jun 2019 17:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
93	100		
63	71.4	51.5	91.5
95	33.6	13.4	53.4

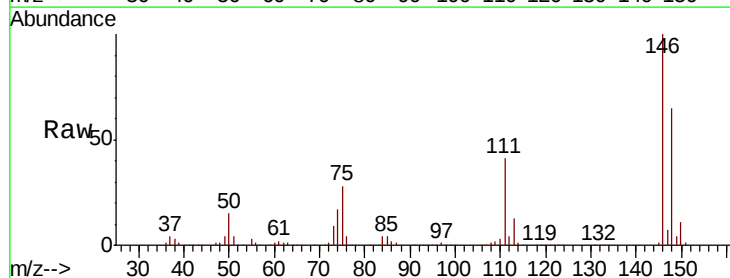


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

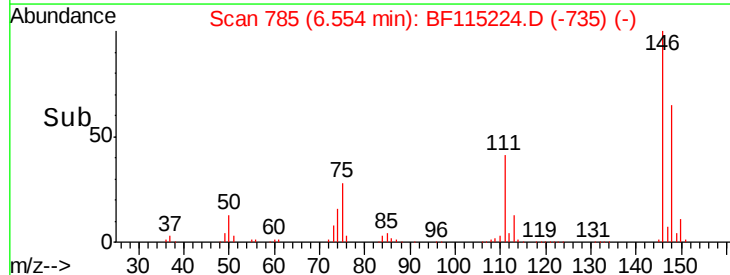
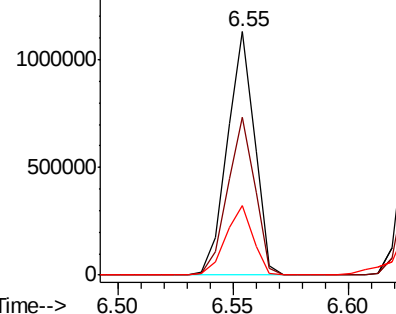


#12
1,3-Dichlorobenzene
Concen: 38.486 ng
RT: 6.55 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF115224.D
Acq: 26 Jun 2019 17:40

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.9	52.6	78.8
75	28.4	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

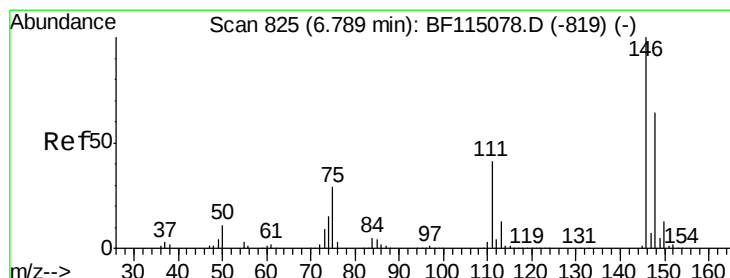
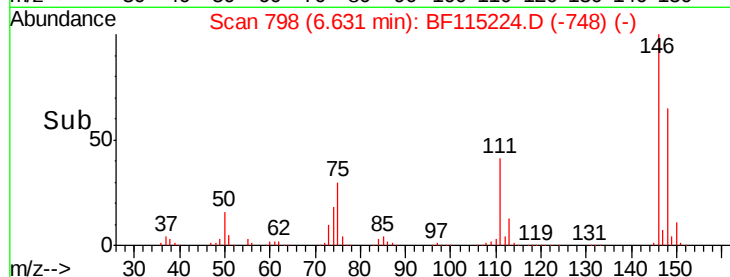
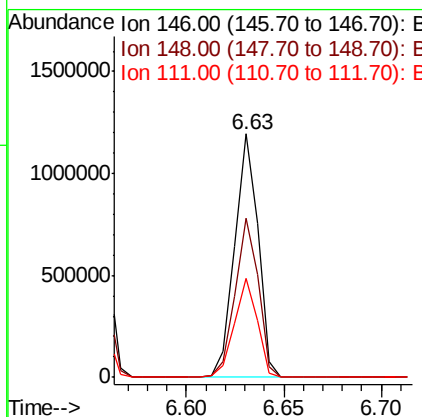
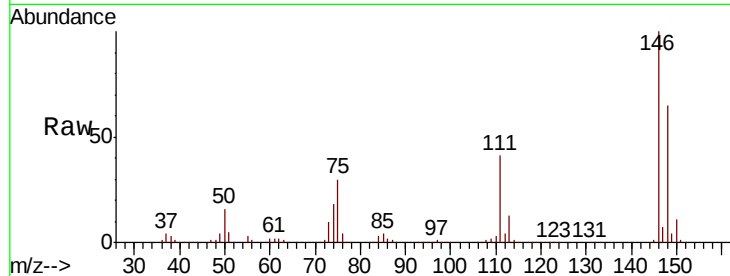




#13
 1,4-Dichlorobenzene
 Concen: 40.677 ng
 RT: 6.63 min Scan# 798
 Delta R.T. -0.01 min
 Lab File: BF115224.D
 Acq: 26 Jun 2019 17:40

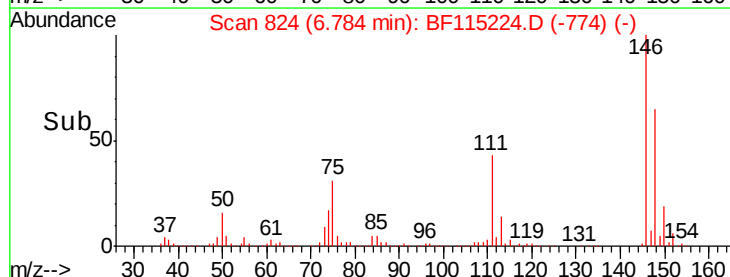
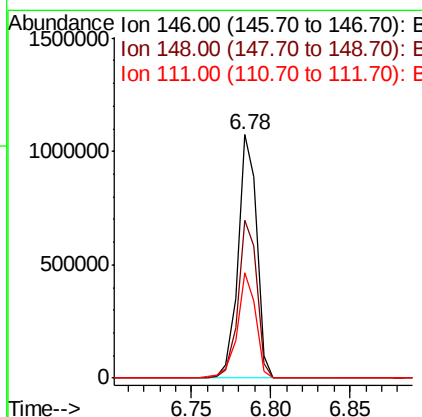
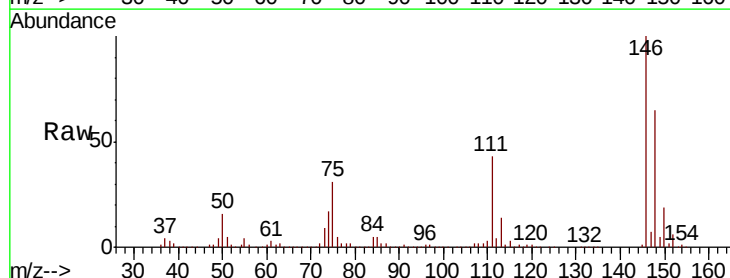
Instrument :
 BNA_F
 ClientSampleId :

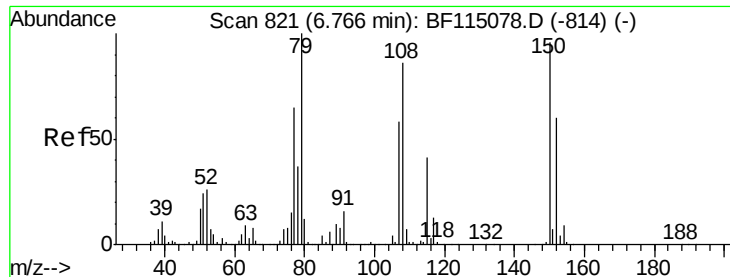
Tot Ion	Ratio	Lower	Upper
146	100		
148	65.1	51.9	77.9
111	40.6	31.4	47.0



#14
 1,2-Dichlorobenzene
 Concen: 38.728 ng
 RT: 6.78 min Scan# 824
 Delta R.T. -0.01 min
 Lab File: BF115224.D
 Acq: 26 Jun 2019 17:40

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.9	51.1	76.7
111	43.3	33.2	49.8





#15

Benzyl Alcohol

Concen: 25.363 ng

RT: 6.76 min Scan# 820

Delta R.T. -0.01 min

Lab File: BF115224.D

Acq: 26 Jun 2019 17:40

Instrument :

BNA_F

ClientSampleId :

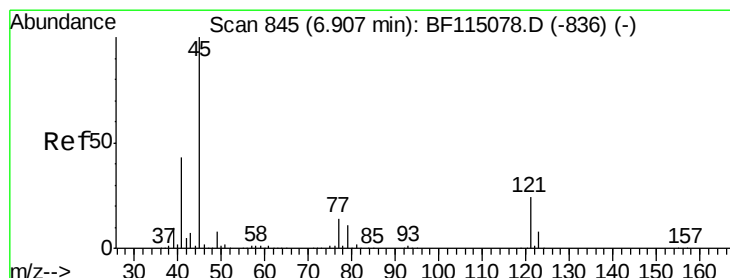
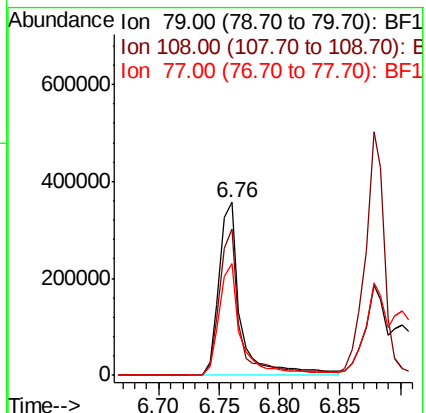
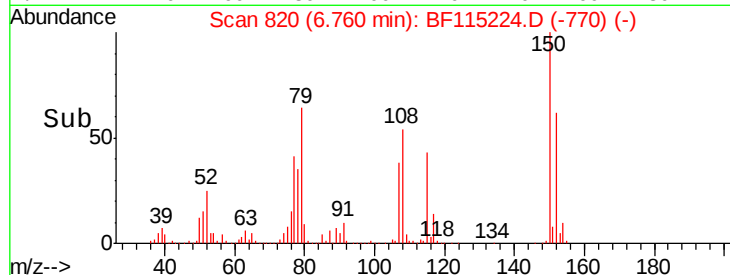
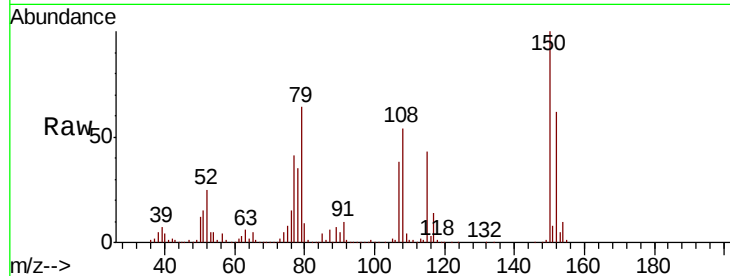
Tot Ion: 79 Resp: 436601

Ion Ratio Lower Upper

79 100

108 84.6 68.7 103.1

77 64.5 51.7 77.5



#16

2,2'-oxybis(1-chloropropane)

Concen: 38.068 ng

RT: 6.90 min Scan# 844

Delta R.T. -0.01 min

Lab File: BF115224.D

Acq: 26 Jun 2019 17:40

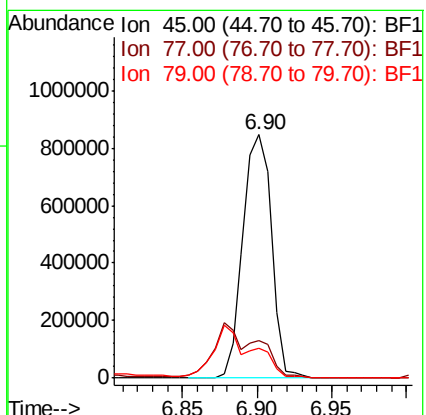
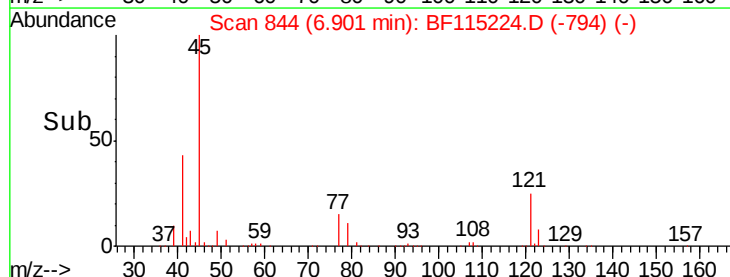
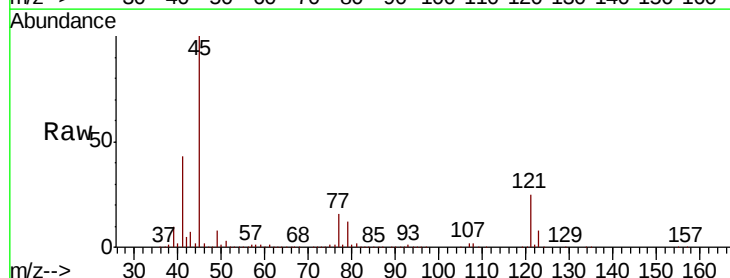
Tgt Ion: 45 Resp: 1127037

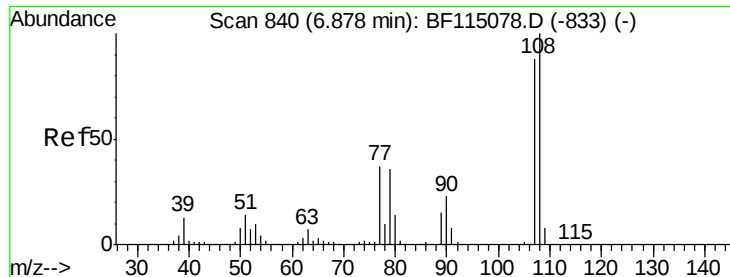
Ion Ratio Lower Upper

45 100

77 15.7 0.0 34.6

79 12.3 0.0 31.2

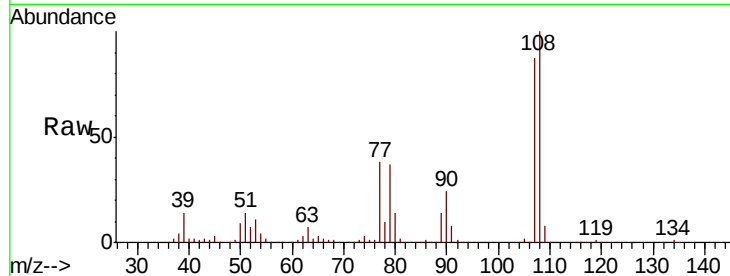




#17
2-Methylphenol
Concen: 27.290 ng
RT: 6.88 min Scan# 840
Delta R.T. 0.00 min
Lab File: BF115224.D
Acq: 26 Jun 2019 17:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	114.5	90.9	136.3
77	43.7	33.4	50.2
79	42.4	32.3	48.5



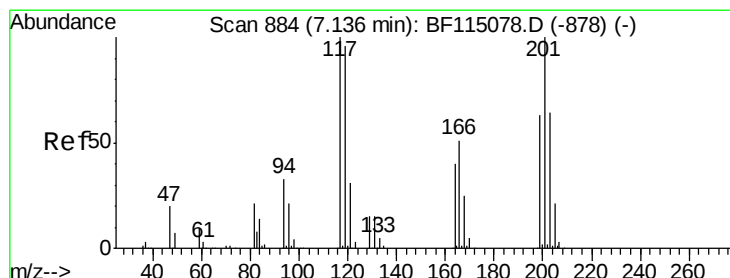
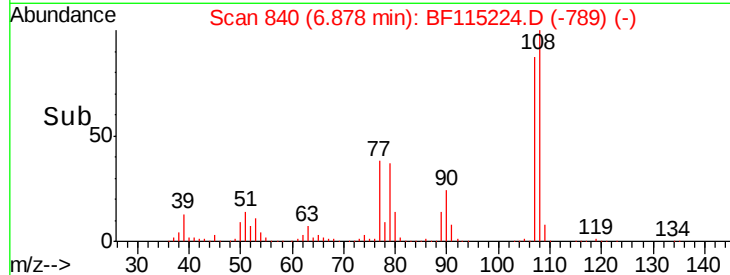
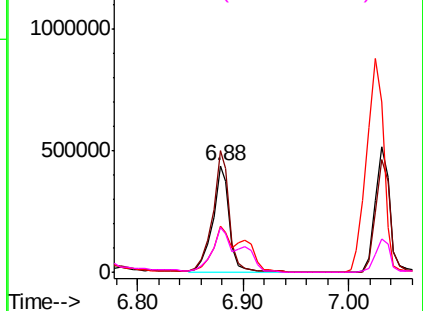
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

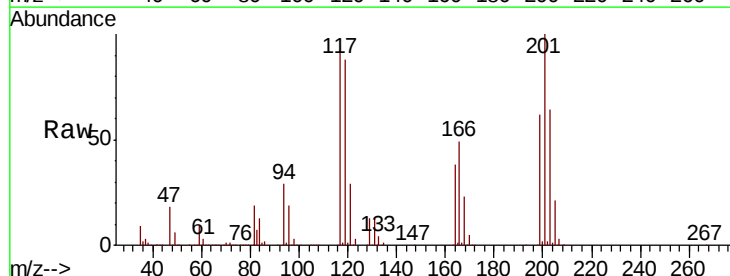
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 38.335 ng
RT: 7.13 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF115224.D
Acq: 26 Jun 2019 17:40

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.8	76.6	114.8
201	108.9	80.2	120.2

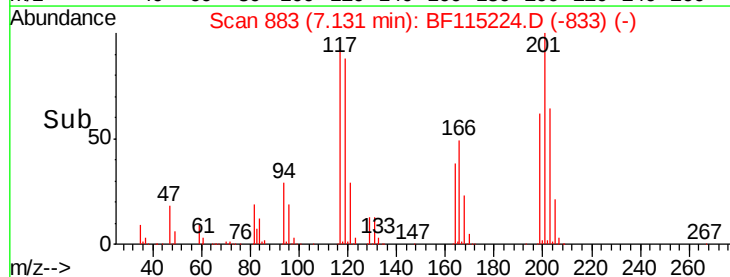
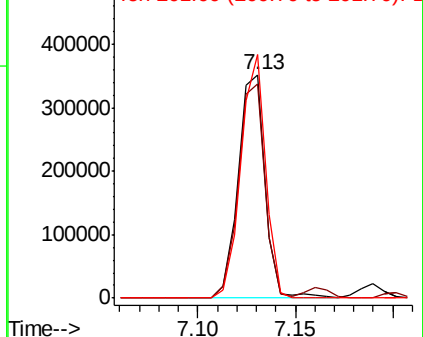


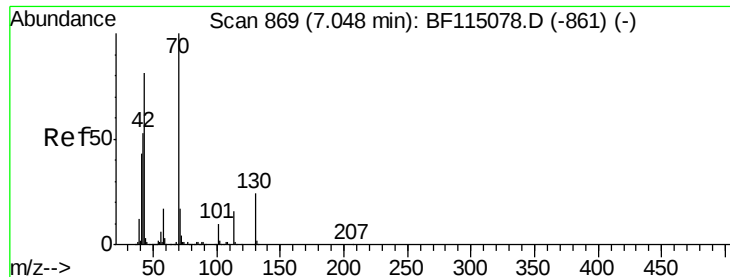
Abundance

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

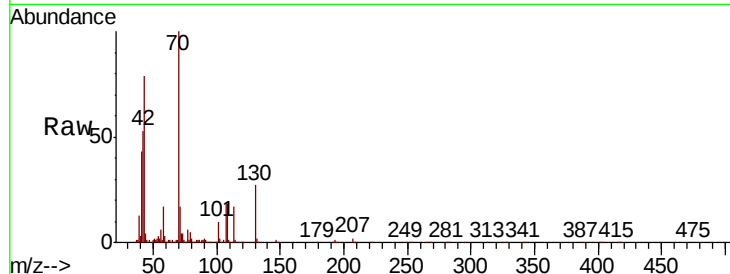




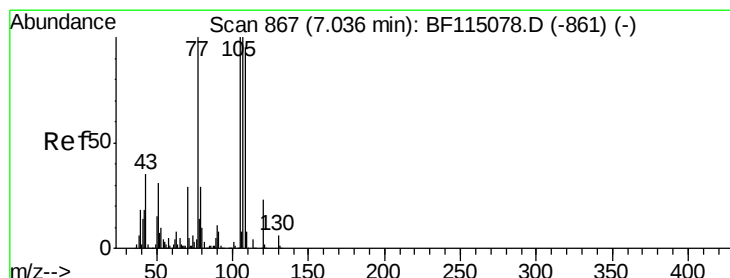
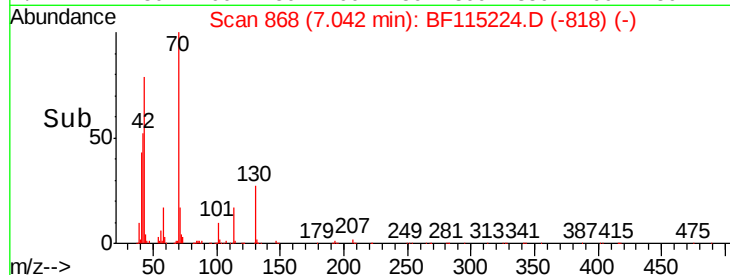
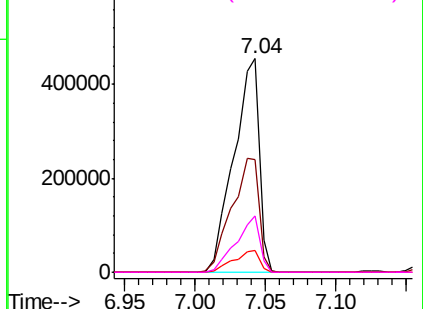
#19
n-Nitroso-di-n-propylamine
Concen: 37.721 ng
RT: 7.04 min Scan# 868
Delta R.T. -0.01 min
Lab File: BF115224.D
Acq: 26 Jun 2019 17:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	70	Resp:	570905
Ion	Ratio	Lower	Upper
70	100		
42	52.7	42.6	63.8
101	10.4	8.0	12.0
130	26.6	19.4	29.0

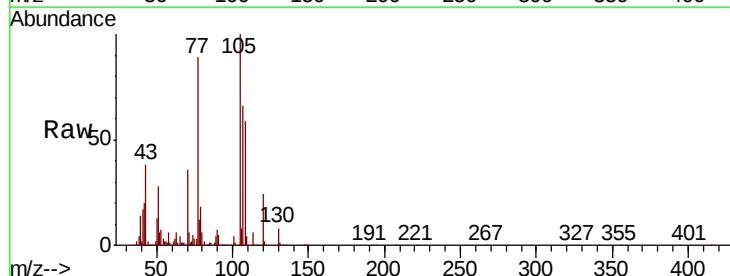


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

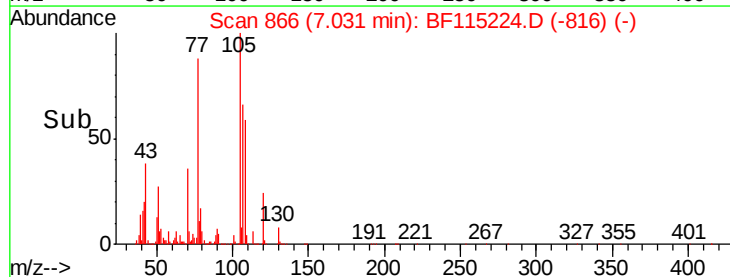
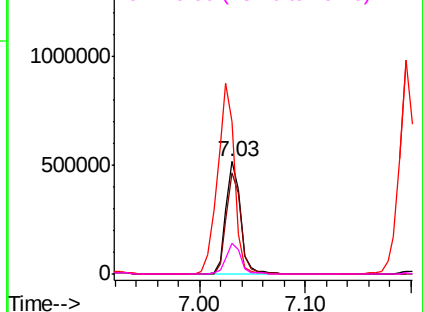


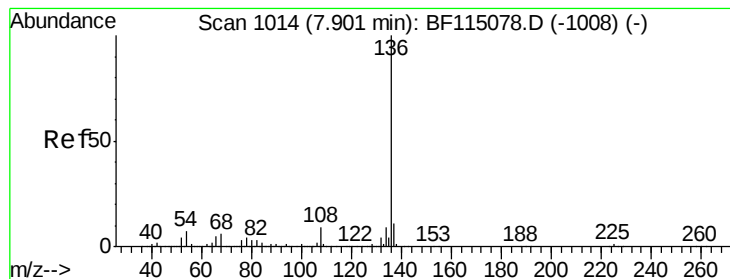
#20
3+4-Methylphenols
Concen: 23.901 ng
RT: 7.03 min Scan# 866
Delta R.T. -0.01 min
Lab File: BF115224.D
Acq: 26 Jun 2019 17:40

Tgt Ion:	107	Resp:	498907
Ion	Ratio	Lower	Upper
107	100		
108	89.8	75.5	115.5
77	134.9	80.2	120.2#
79	26.8	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: BF115224.D

Acq: 26 Jun 2019 17:40

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 1151567

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.9	13.3
54	6.8	5.6	8.4
68	5.9	4.8	7.2

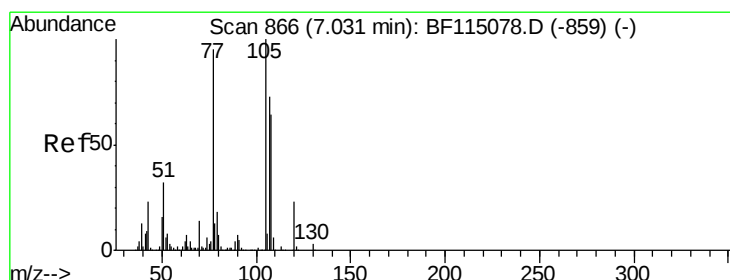
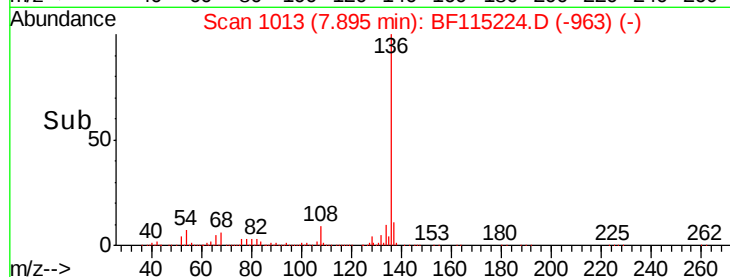
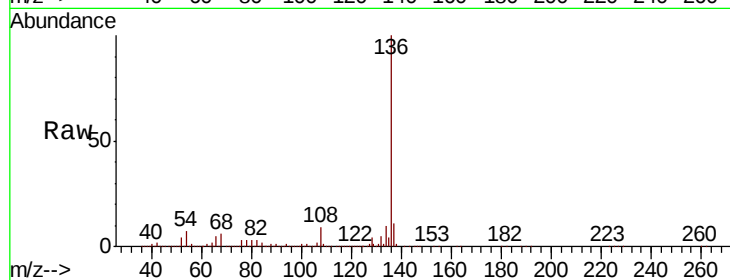
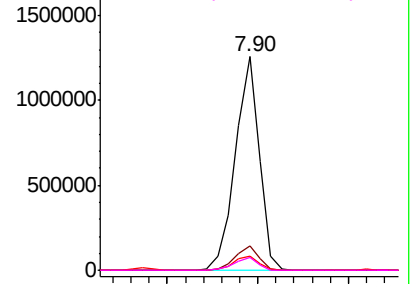
Abundance

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: 44.050 ng

RT: 7.02 min Scan# 865

Delta R.T. -0.01 min

Lab File: BF115224.D

Acq: 26 Jun 2019 17:40

Tgt Ion:105 Resp: 1161301

Ion	Ratio	Lower	Upper
105	100		
71	3.7	1.9	2.9#
51	26.9	25.8	38.8
120	23.5	18.5	27.7

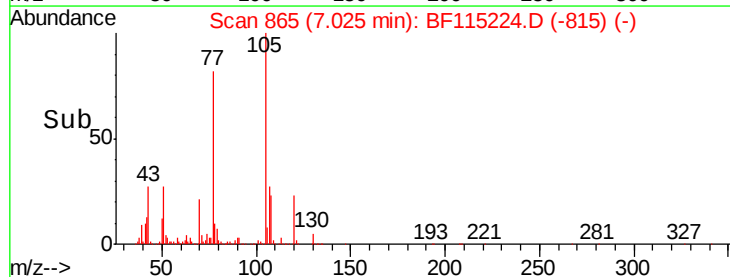
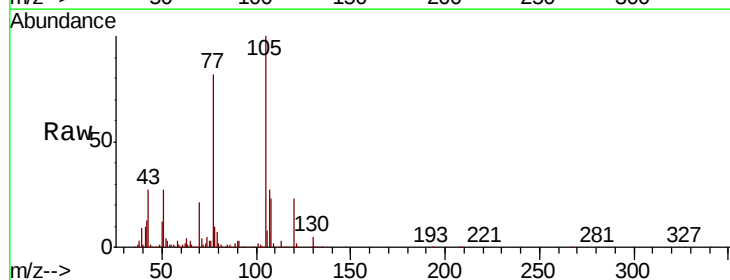
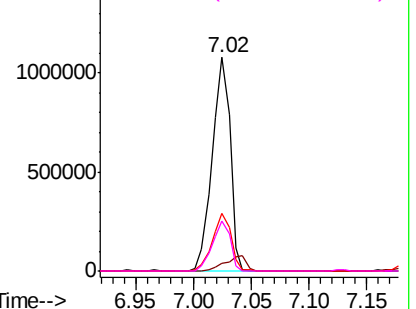
Abundance

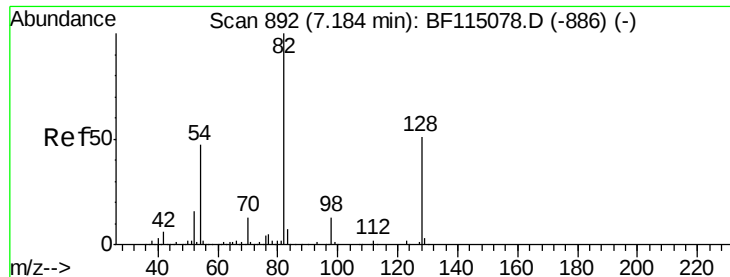
Ion 105.00 (104.70 to 105.70): E

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

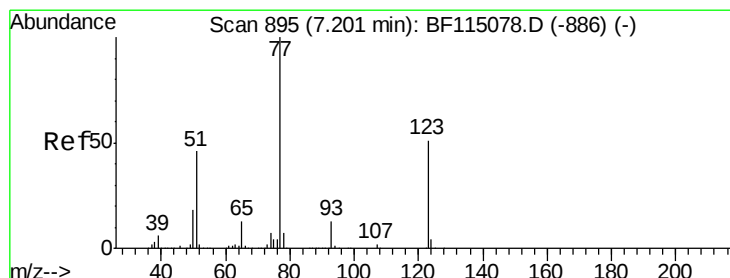
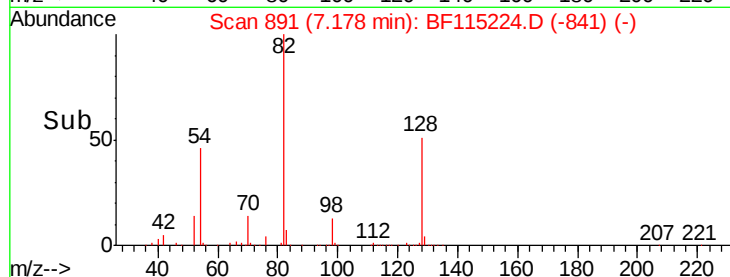
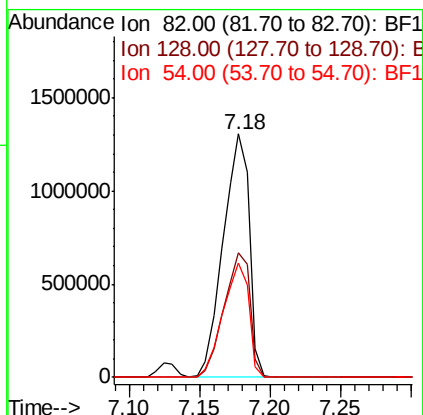
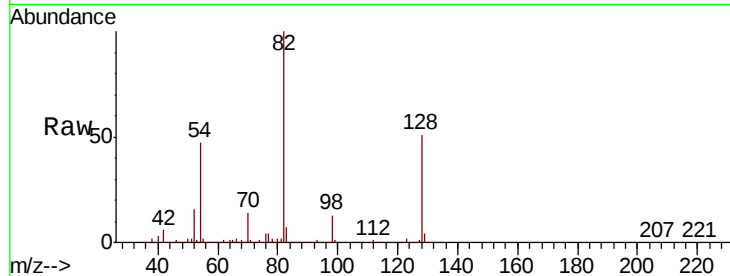




#23
 Nitrobenzene-d5
 Concen: 89.023 ng
 RT: 7.18 min Scan# 891
 Delta R.T. -0.01 min
 Lab File: BF115224.D
 Acq: 26 Jun 2019 17:40

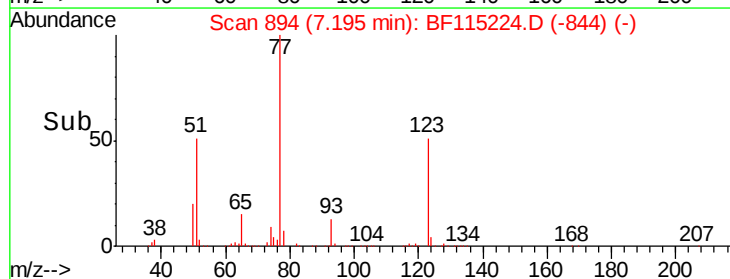
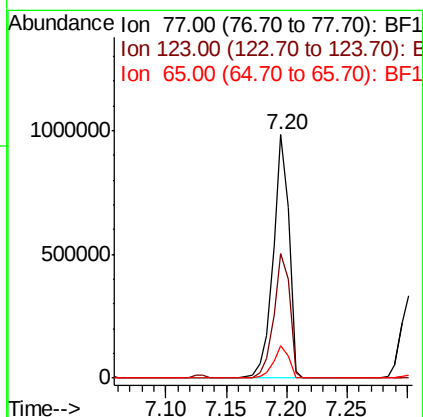
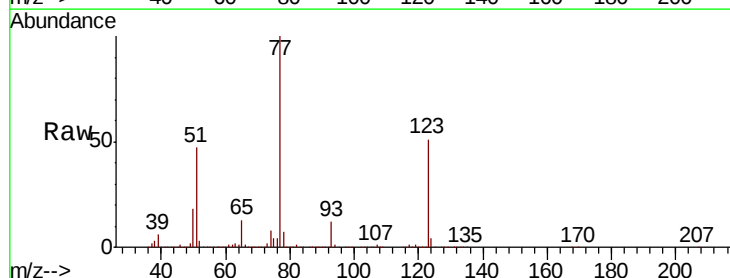
Instrument :
 BNA_F
 ClientSampleId :

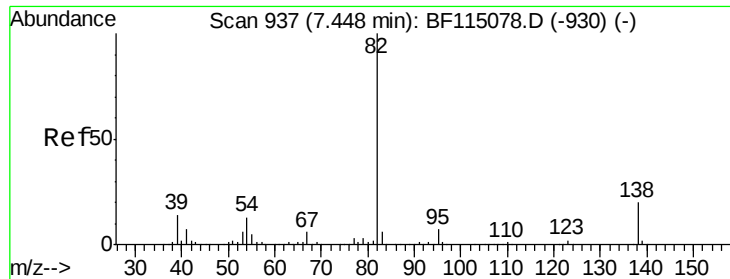
Tot Ion: 82 Resp: 1666502
 Ion Ratio Lower Upper
 82 100
 128 51.2 40.4 60.6
 54 46.8 37.5 56.3



#24
 Nitrobenzene
 Concen: 42.533 ng
 RT: 7.20 min Scan# 894
 Delta R.T. -0.01 min
 Lab File: BF115224.D
 Acq: 26 Jun 2019 17:40

Tgt Ion: 77 Resp: 877184
 Ion Ratio Lower Upper
 77 100
 123 50.9 41.0 61.6
 65 13.2 10.5 15.7





#25

Isophorone

Concen: 41.449 ng

RT: 7.44 min Scan# 936

Delta R.T. -0.01 min

Lab File: BF115224.D

Acq: 26 Jun 2019 17:40

Instrument :

BNA_F

ClientSampleId :

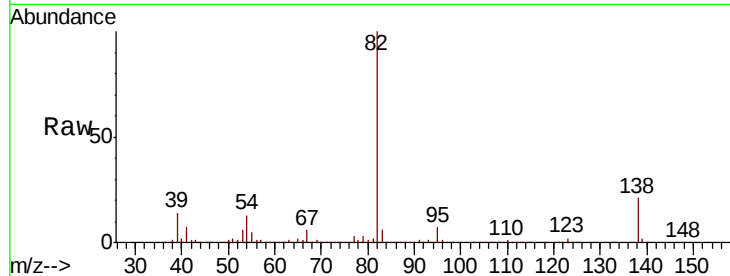
Tot Ion: 82 Resp: 1589495

Ion Ratio Lower Upper

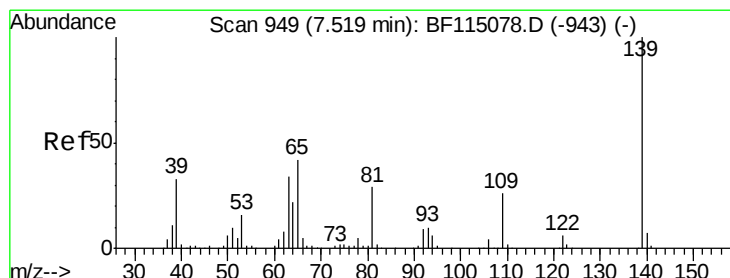
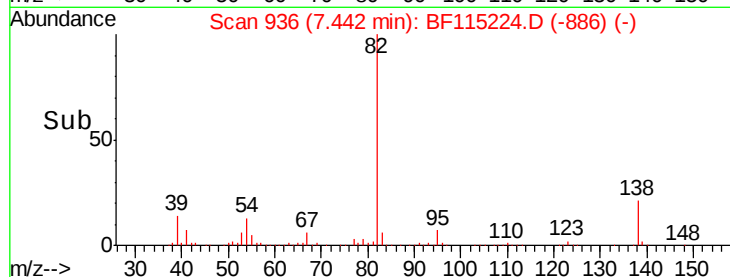
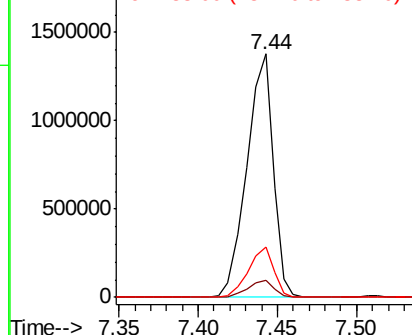
82 100

95 7.1 5.4 8.2

138 20.6 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: 45.115 ng

RT: 7.51 min Scan# 948

Delta R.T. -0.01 min

Lab File: BF115224.D

Acq: 26 Jun 2019 17:40

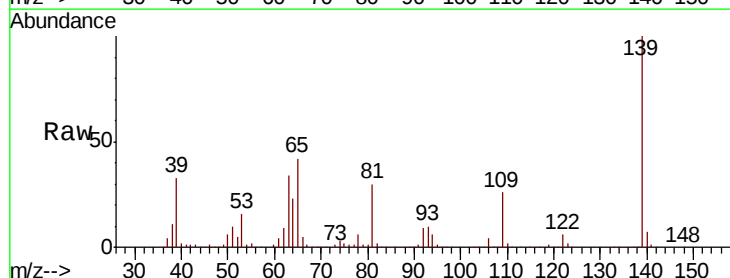
Tgt Ion: 139 Resp: 459489

Ion Ratio Lower Upper

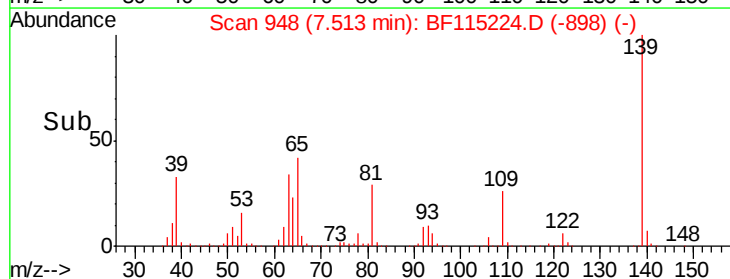
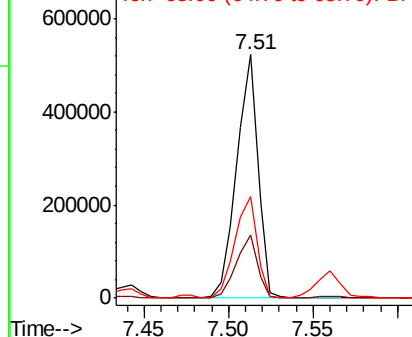
139 100

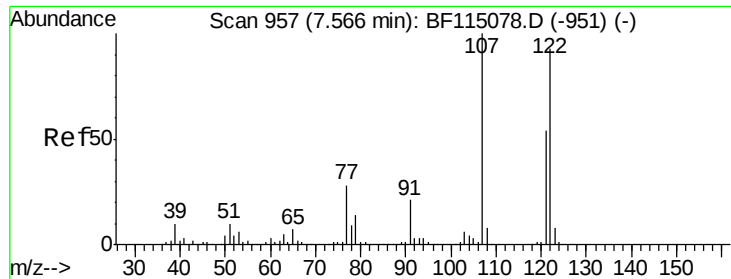
109 25.9 20.4 30.6

65 41.8 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

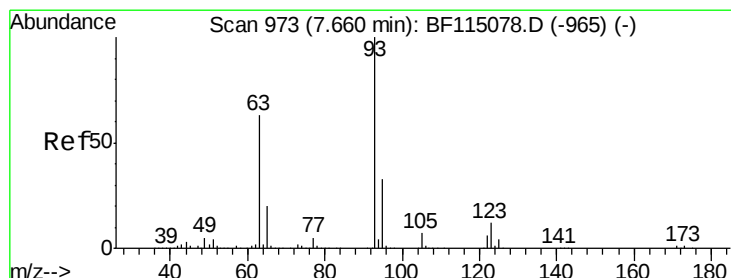
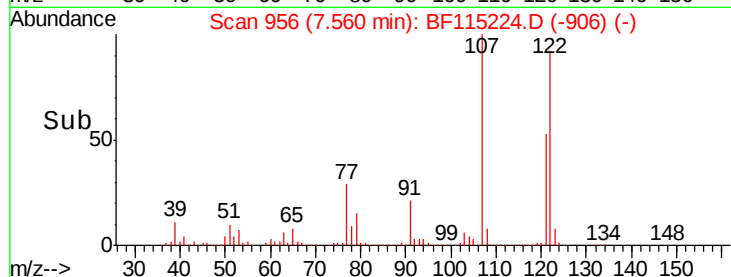
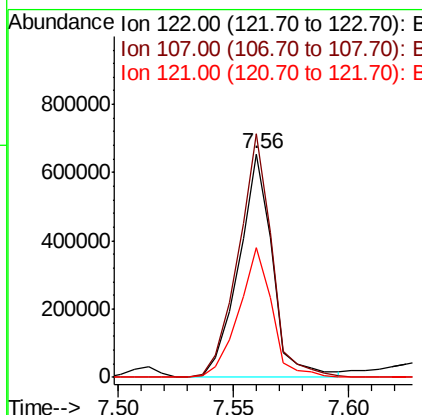
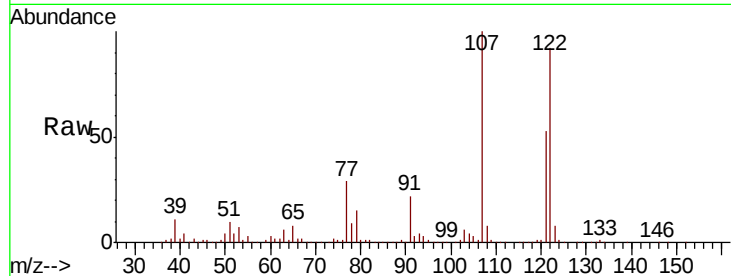




#27
 2,4-Dimethylphenol
 Concen: 40.186 ng
 RT: 7.56 min Scan# 956
 Delta R.T. -0.01 min
 Lab File: BF115224.D
 Acq: 26 Jun 2019 17:40

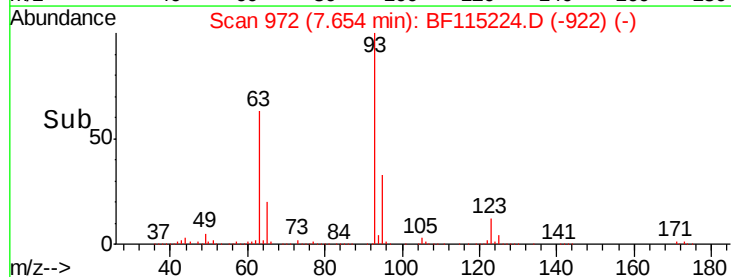
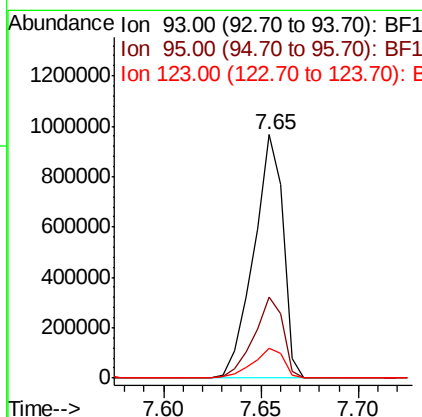
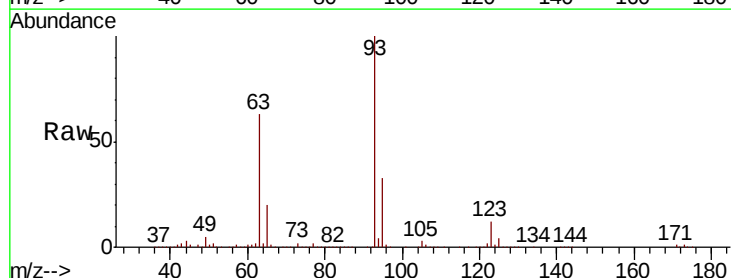
Instrument :
 BNA_F
 ClientSampled :

Tot Ion:122 Resp: 670127
 Ion Ratio Lower Upper
 122 100
 107 109.1 85.8 128.6
 121 58.1 46.3 69.5



#28
 bis(2-Chloroethoxy)methane
 Concen: 41.490 ng
 RT: 7.65 min Scan# 972
 Delta R.T. -0.01 min
 Lab File: BF115224.D
 Acq: 26 Jun 2019 17:40

Tgt Ion: 93 Resp: 1005626
 Ion Ratio Lower Upper
 93 100
 95 33.2 26.2 39.4
 123 12.1 9.7 14.5

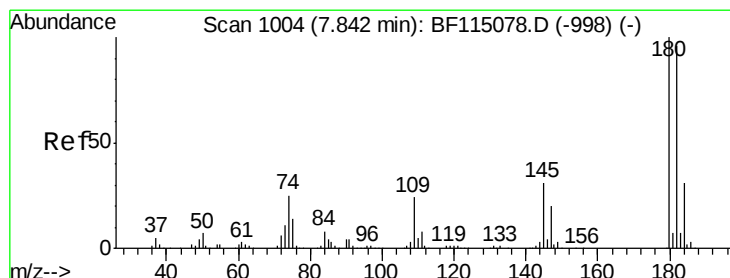
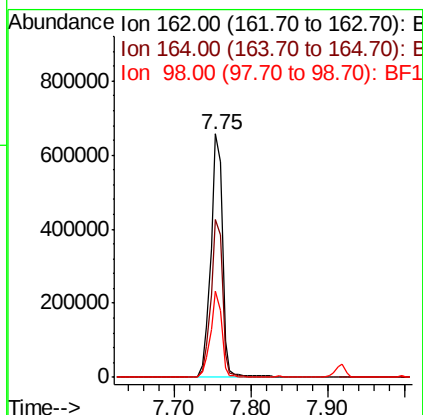
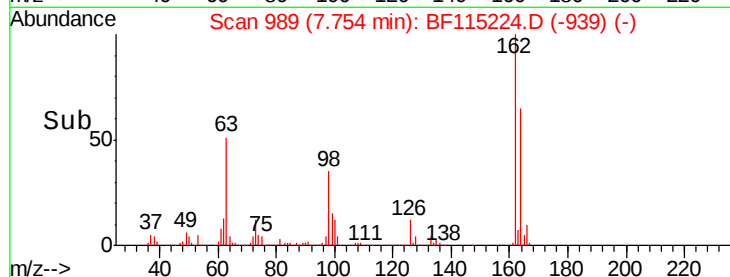
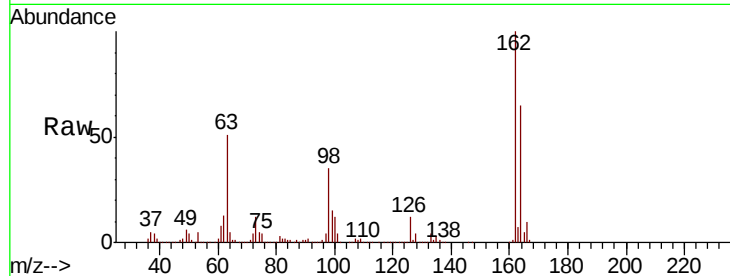




#29
2,4-Dichlorophenol
Concen: 39.654 ng
RT: 7.75 min Scan# 989
Delta R.T. -0.01 min
Lab File: BF115224.D
Acq: 26 Jun 2019 17:40

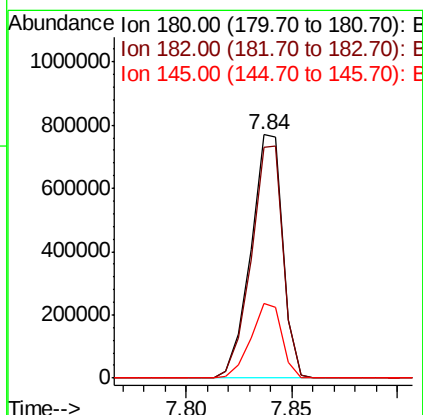
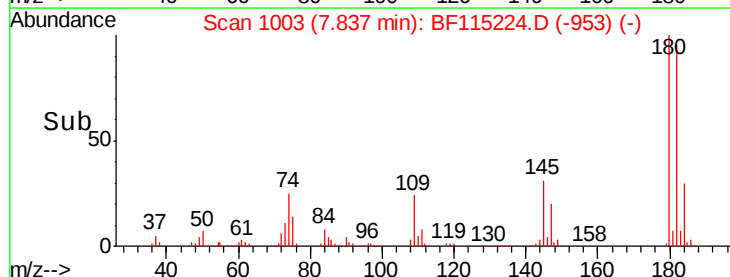
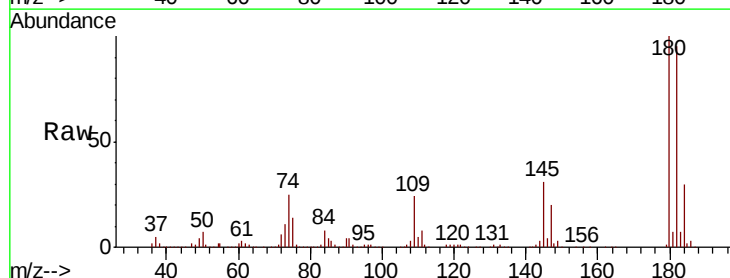
Instrument :
BNA_F
ClientSampleId :

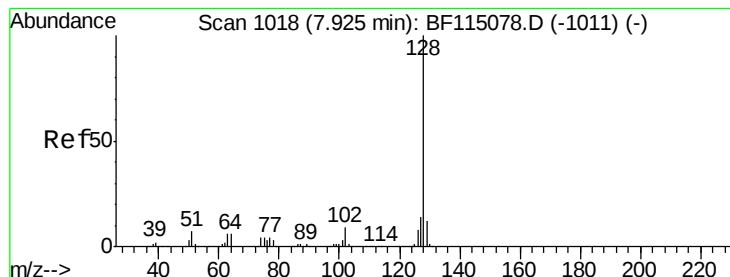
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.6	45.3	85.3
98	35.4	12.5	52.5



#30
1,2,4-Trichlorobenzene
Concen: 42.516 ng
RT: 7.84 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF115224.D
Acq: 26 Jun 2019 17:40

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.0	76.4	114.6
145	30.7	24.8	37.2





#31

Naphthalene

Concen: 41.786 ng

RT: 7.92 min Scan# 1017

Delta R.T. -0.01 min

Lab File: BF115224.D

Acq: 26 Jun 2019 17:40

Instrument :

BNA_F

ClientSampleId :

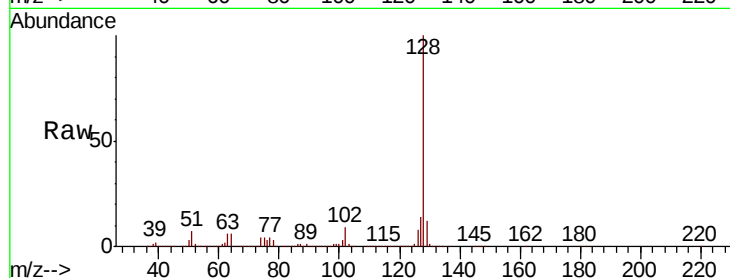
Tot Ion:128 Resp: 2362067

Ion Ratio Lower Upper

128 100

129 12.1 9.6 14.4

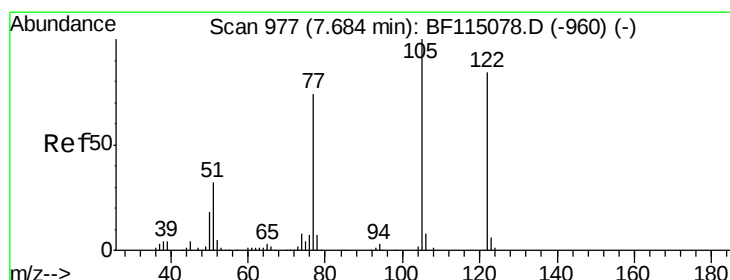
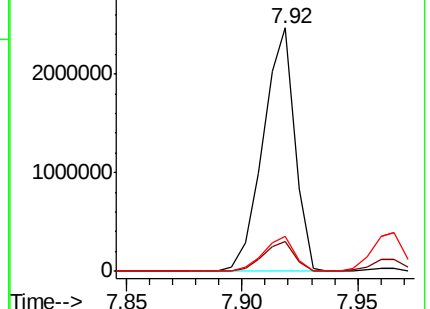
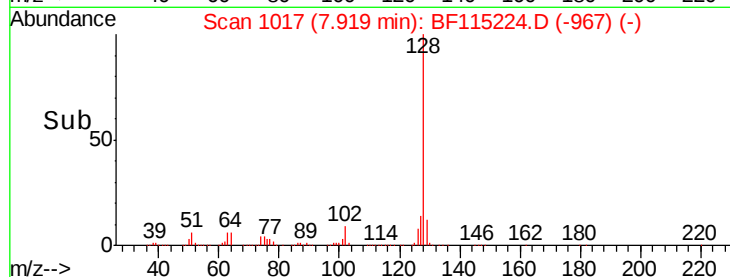
127 14.3 11.4 17.0



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: 10.634 ng

RT: 7.65 min Scan# 971

Delta R.T. -0.04 min

Lab File: BF115224.D

Acq: 26 Jun 2019 17:40

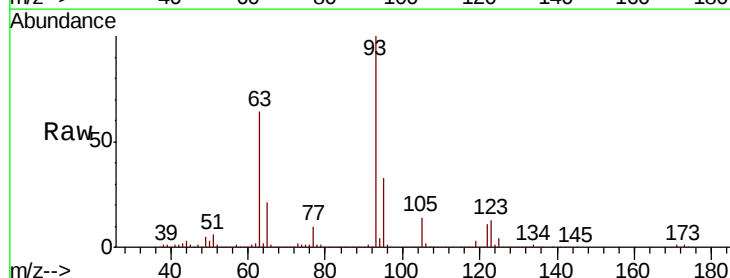
Tgt Ion:122 Resp: 126575

Ion Ratio Lower Upper

122 100

105 120.8 98.2 138.2

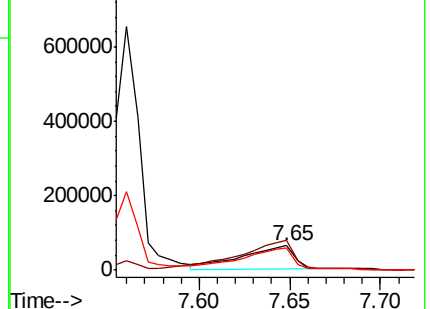
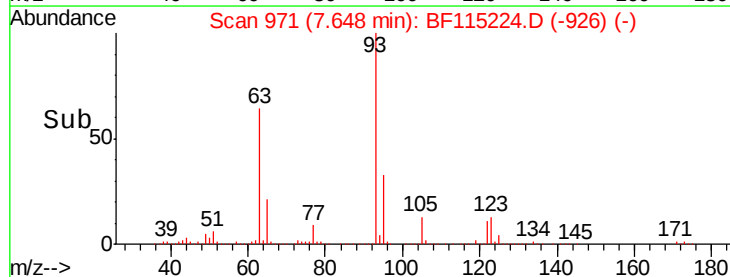
77 89.6 67.0 107.0

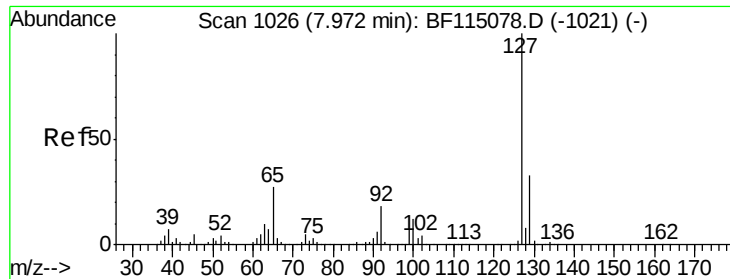


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

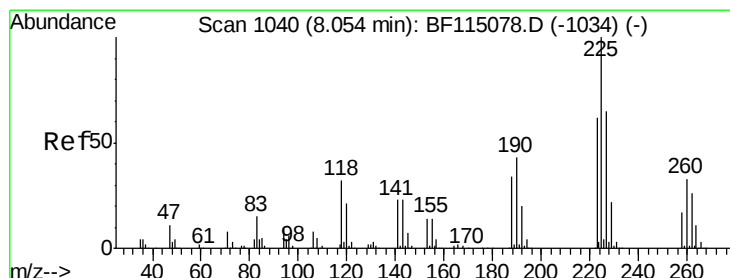
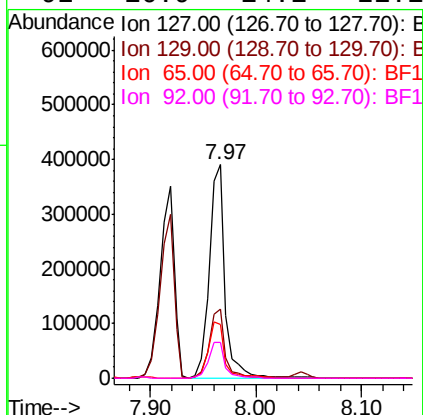
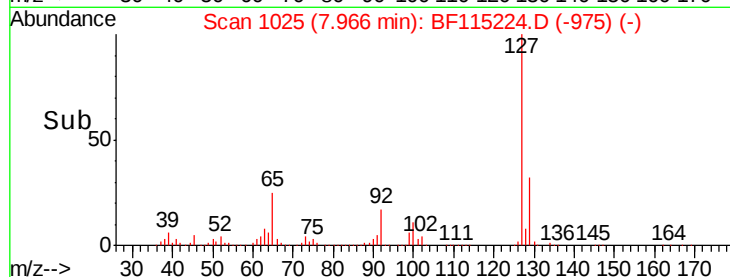
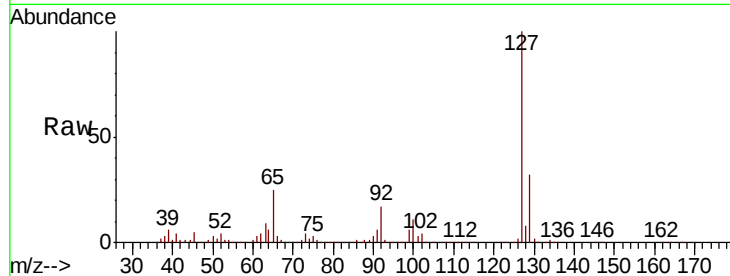




#33
4-Chloroaniline
Concen: 15.729 ng
RT: 7.97 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF115224.D
Acq: 26 Jun 2019 17:40

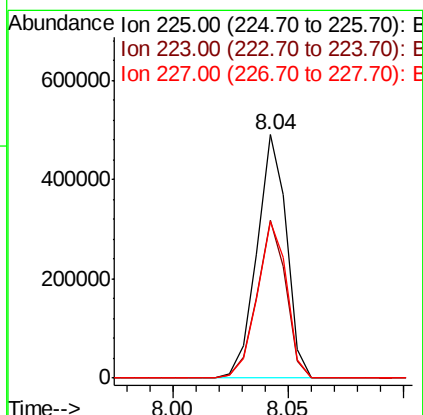
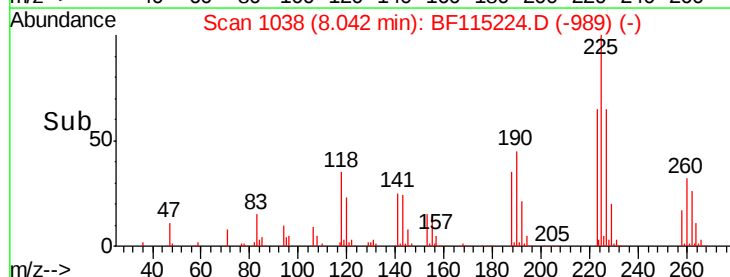
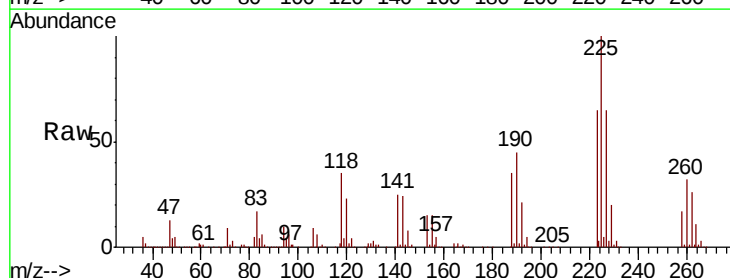
Instrument :
BNA_F
ClientSampleId :

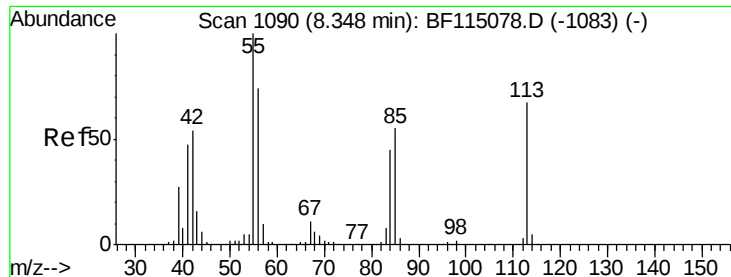
Tot Ion:	127	Resp:	406340
Ion	Ratio	Lower	Upper
127	100		
129	32.5	26.1	39.1
65	24.9	21.4	32.2
92	16.9	14.1	21.1



#34
Hexachlorobutadiene
Concen: 42.003 ng
RT: 8.04 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF115224.D
Acq: 26 Jun 2019 17:40

Tgt Ion:	225	Resp:	437534
Ion	Ratio	Lower	Upper
225	100		
223	64.6	49.4	74.2
227	64.6	51.8	77.8

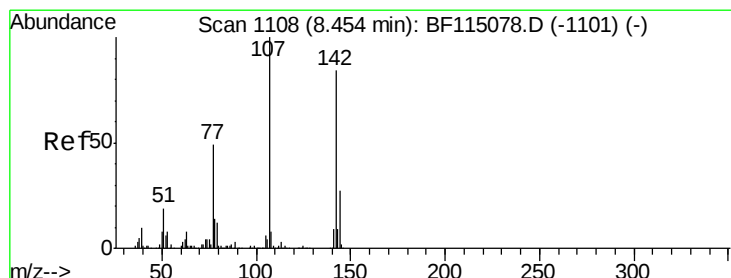
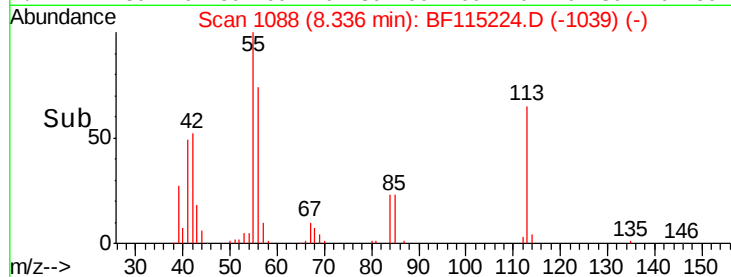
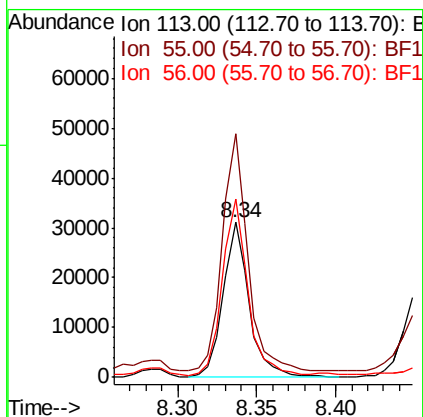
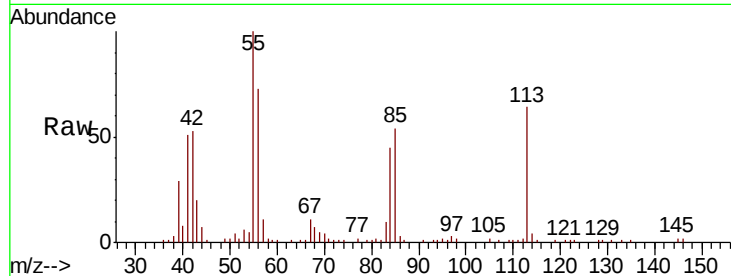




#35
 Caprolactam
 Concen: 6.125 ng
 RT: 8.34 min Scan# 1088
 Delta R.T. -0.01 min
 Lab File: BF115224.D
 Acq: 26 Jun 2019 17:40

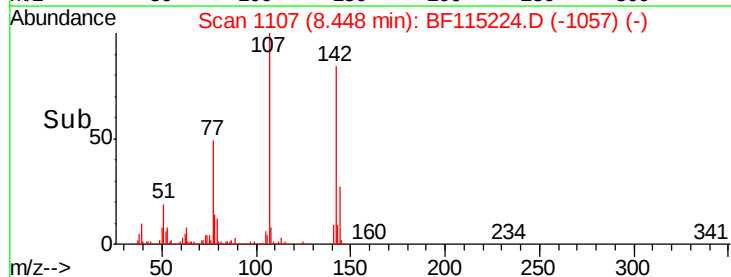
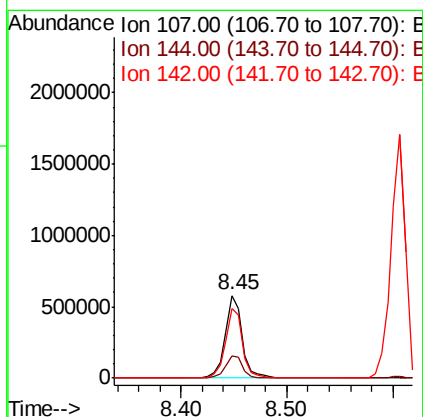
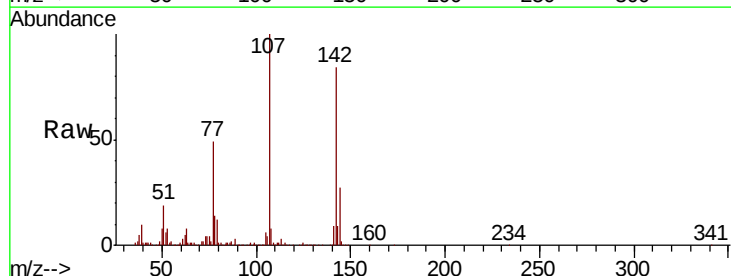
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:113 Resp: 35437
 Ion Ratio Lower Upper
 113 100
 55 156.8 130.2 170.2
 56 114.7 91.6 131.6



#36
 4-Chloro-3-methylphenol
 Concen: 36.871 ng
 RT: 8.45 min Scan# 1107
 Delta R.T. -0.01 min
 Lab File: BF115224.D
 Acq: 26 Jun 2019 17:40

Tgt Ion:107 Resp: 642584
 Ion Ratio Lower Upper
 107 100
 144 26.8 21.7 32.5
 142 84.5 67.0 100.4

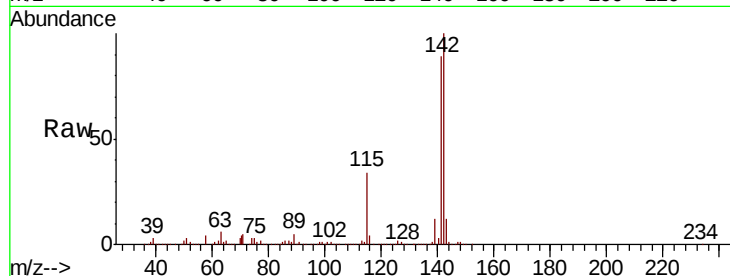




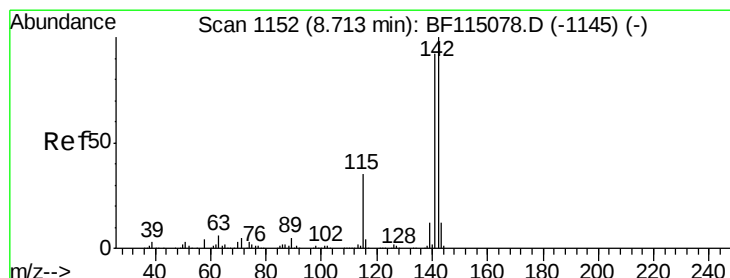
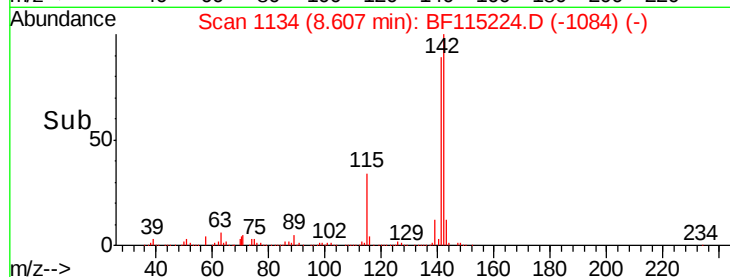
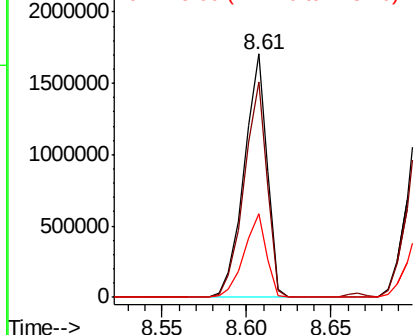
#37
2-Methylnaphthalene
Concen: 42.627 ng
RT: 8.61 min Scan# 1134
Delta R.T. -0.01 min
Lab File: BF115224.D
Acq: 26 Jun 2019 17:40

Instrument :
BNA_F
ClientSampled :

Tot Ion:142 Resp: 1624698
Ion Ratio Lower Upper
142 100
141 88.5 69.8 104.6
115 34.4 26.7 40.1

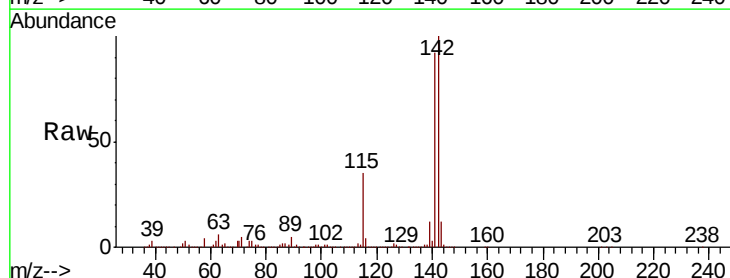


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

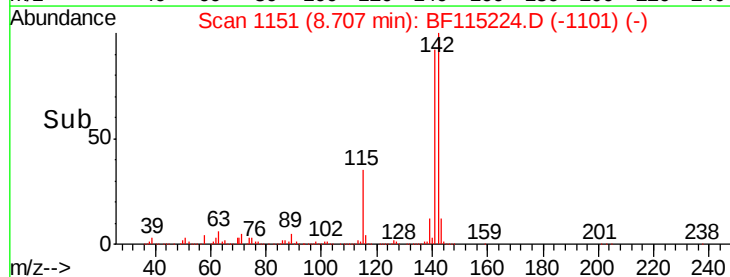
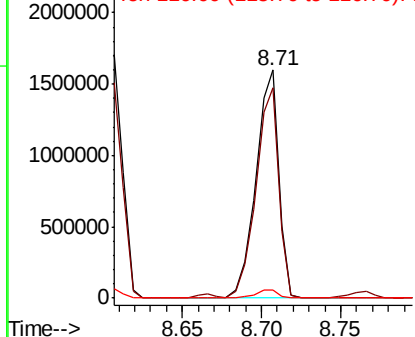


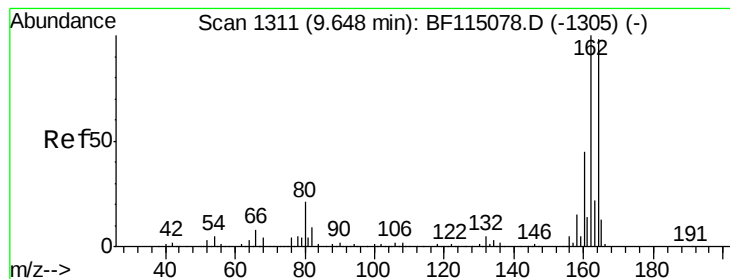
#38
1-Methylnaphthalene
Concen: 43.825 ng
RT: 8.71 min Scan# 1151
Delta R.T. -0.01 min
Lab File: BF115224.D
Acq: 26 Jun 2019 17:40

Tgt Ion:142 Resp: 1595301
Ion Ratio Lower Upper
142 100
141 92.3 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: BF115224.D

Acq: 26 Jun 2019 17:40

Instrument :

BNA_F

ClientSampleId :

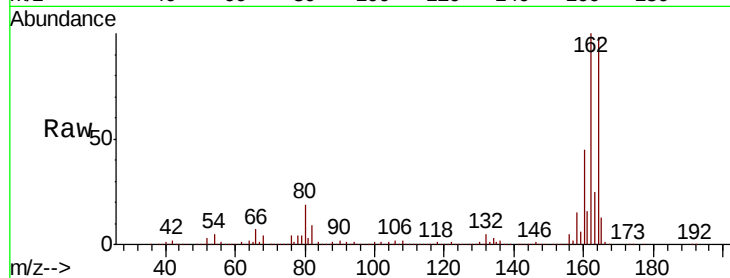
Tot Ion:164 Resp: 551040

Ion Ratio Lower Upper

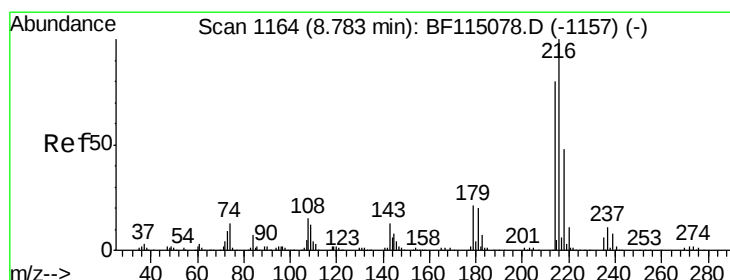
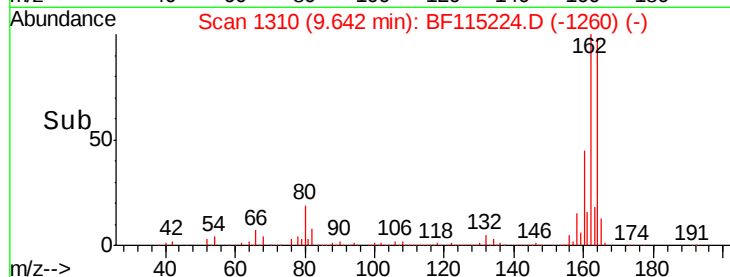
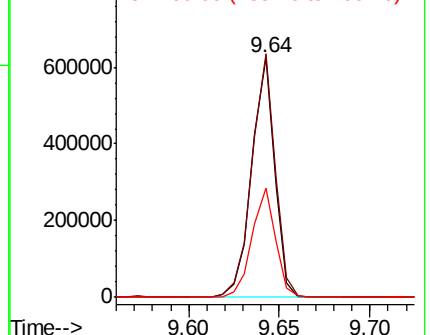
164 100

162 101.8 81.7 122.5

160 45.4 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: 46.645 ng

RT: 8.77 min Scan# 1162

Delta R.T. -0.01 min

Lab File: BF115224.D

Acq: 26 Jun 2019 17:40

Tgt Ion:216 Resp: 726325

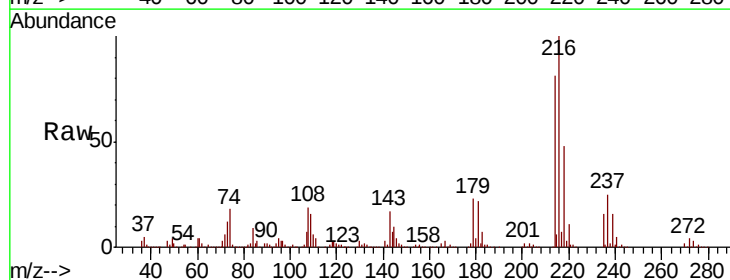
Ion Ratio Lower Upper

216 100

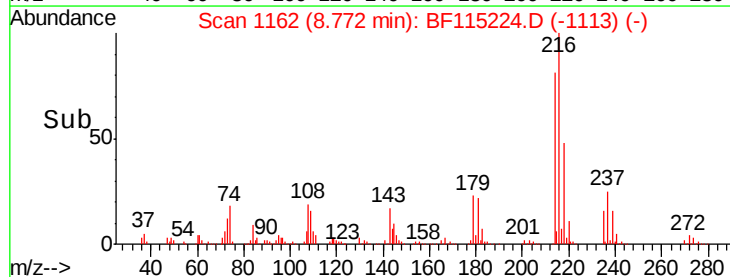
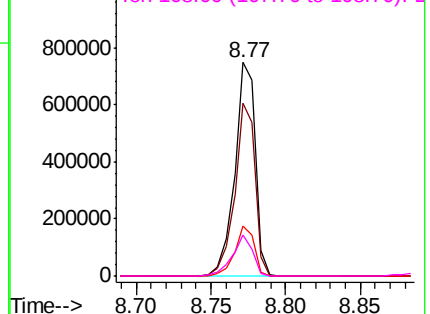
214 79.5 63.8 95.6

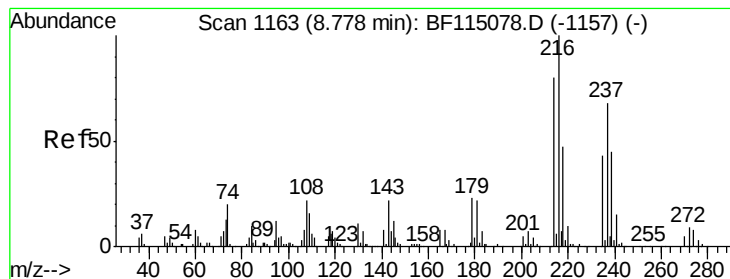
179 22.1 17.6 26.4

108 18.8 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: 40.988 ng

RT: 8.77 min Scan# 1161

Delta R.T. -0.01 min

Lab File: BF115224.D

Acq: 26 Jun 2019 17:40

Instrument :

BNA_F

ClientSampleId :

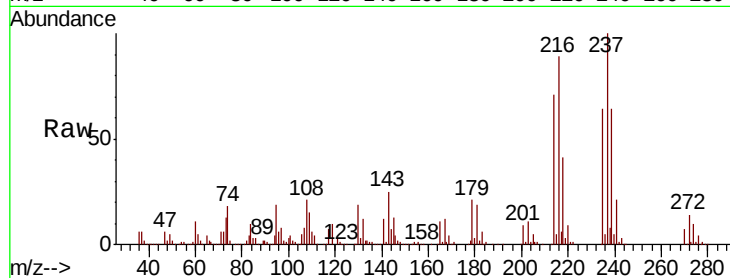
Tot Ion:237 Resp: 378456

Ion Ratio Lower Upper

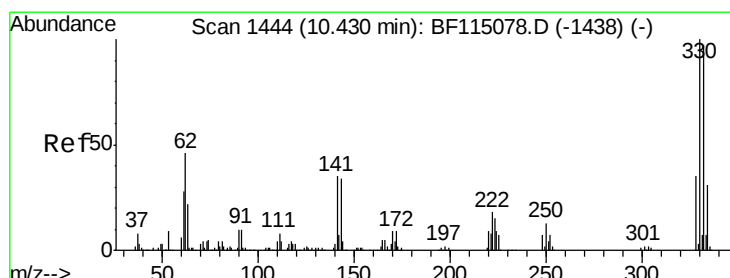
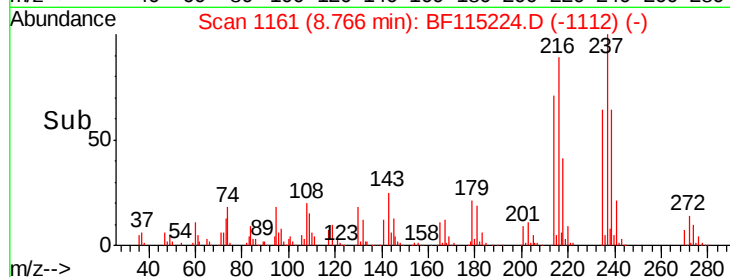
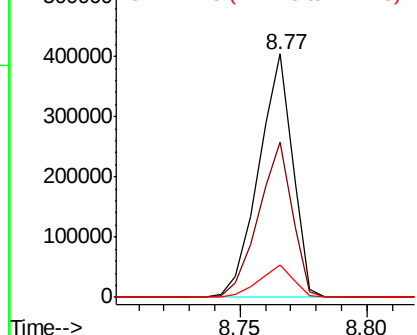
237 100

235 63.8 43.9 83.9

272 13.6 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: 115.185 ng

RT: 10.42 min Scan# 1443

Delta R.T. -0.01 min

Lab File: BF115224.D

Acq: 26 Jun 2019 17:40

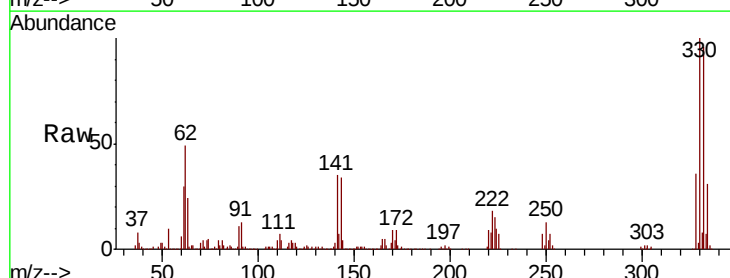
Tgt Ion:330 Resp: 669332

Ion Ratio Lower Upper

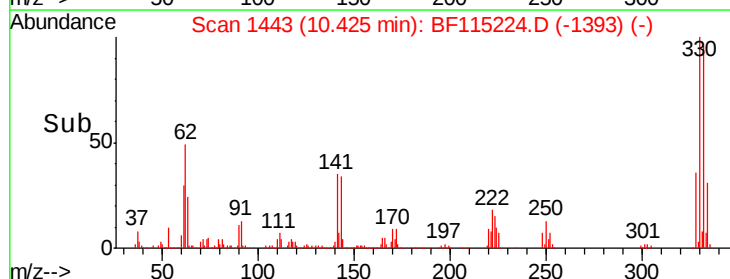
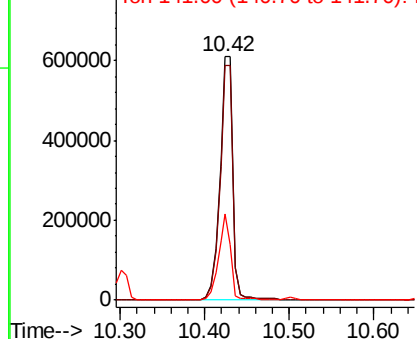
330 100

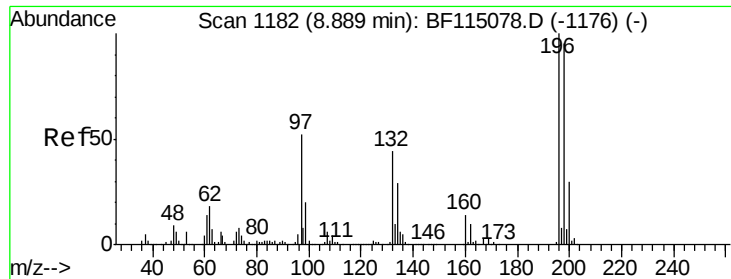
332 96.0 77.3 115.9

141 33.1 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

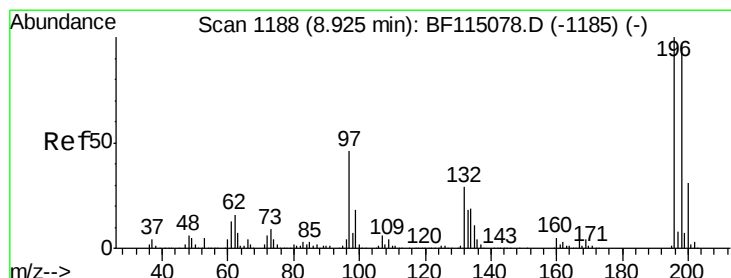
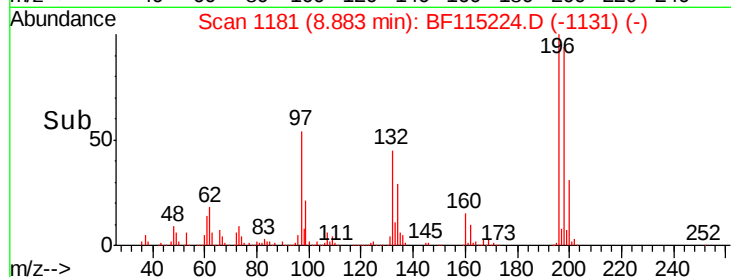
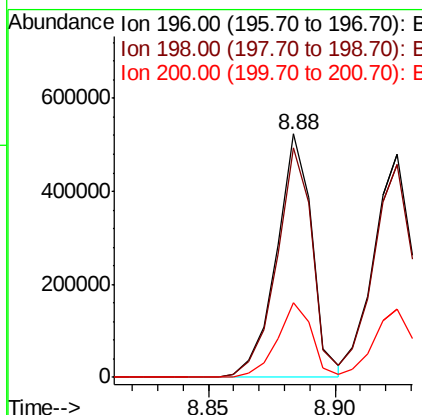
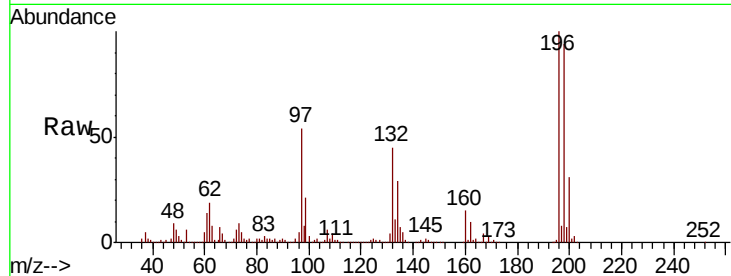




#43
 2,4,6-Trichlorophenol
 Concen: 42.042 ng
 RT: 8.88 min Scan# 1181
 Delta R.T. -0.01 min
 Lab File: BF115224.D
 Acq: 26 Jun 2019 17:40

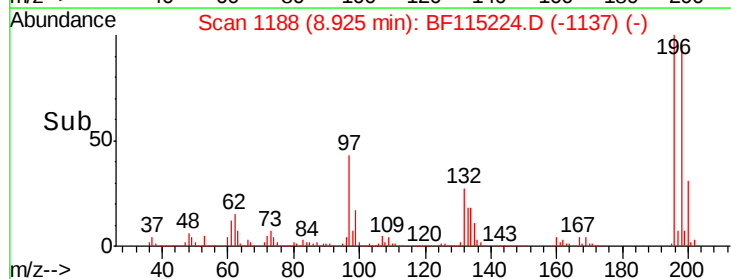
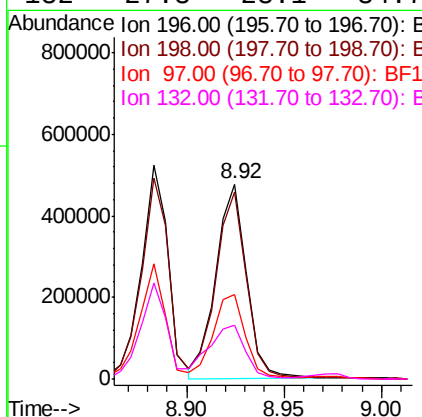
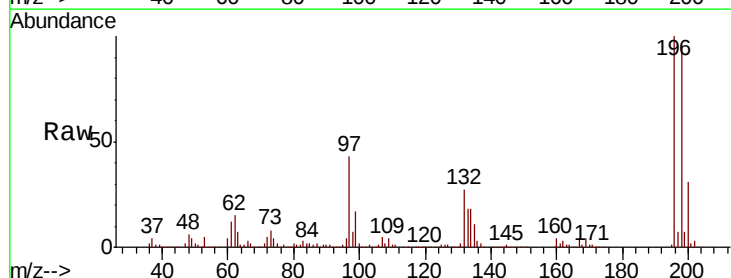
Instrument :
 BNA_F
 ClientSampled :

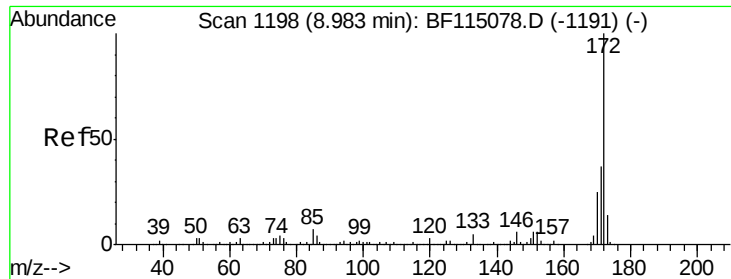
Tot Ion:196 Resp: 505419
 Ion Ratio Lower Upper
 196 100
 198 94.3 76.3 114.5
 200 30.5 24.2 36.4



#44
 2,4,5-Trichlorophenol
 Concen: 42.108 ng
 RT: 8.92 min Scan# 1188
 Delta R.T. 0.00 min
 Lab File: BF115224.D
 Acq: 26 Jun 2019 17:40

Tgt Ion:196 Resp: 521300
 Ion Ratio Lower Upper
 196 100
 198 95.5 77.1 115.7
 97 43.1 37.7 56.5
 132 27.3 23.1 34.7

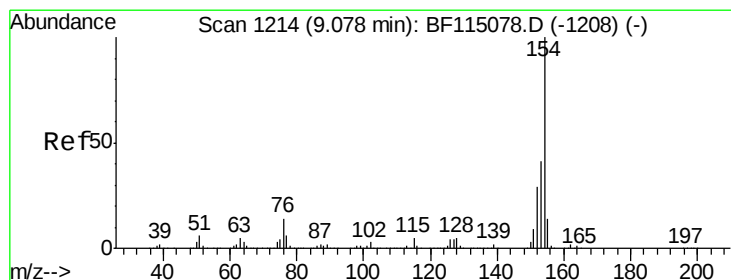
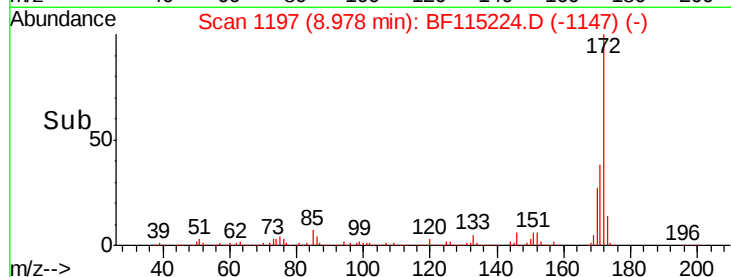
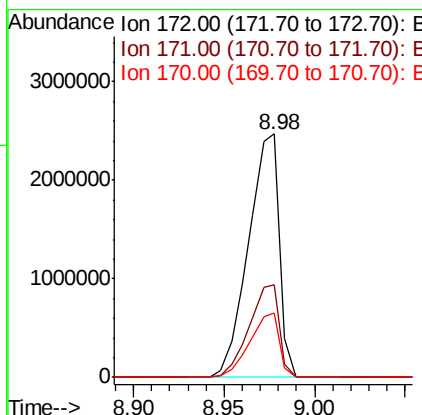
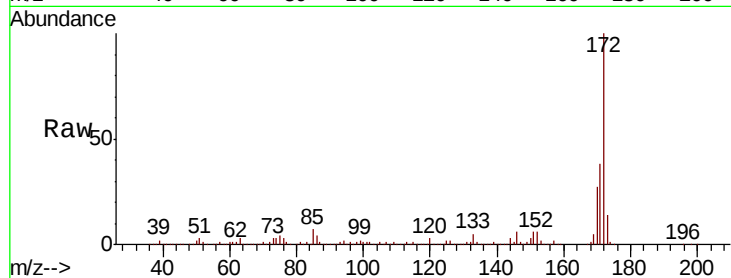




#45
2-Fluorobiphenyl
Concen: 90.110 ng
RT: 8.98 min Scan# 1197
Delta R.T. -0.01 min
Lab File: BF115224.D
Acq: 26 Jun 2019 17:40

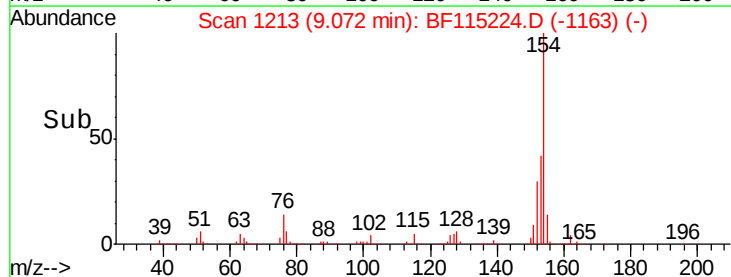
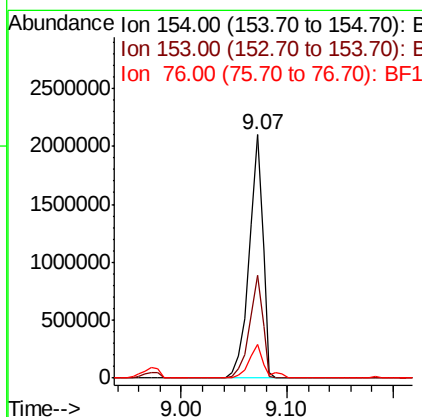
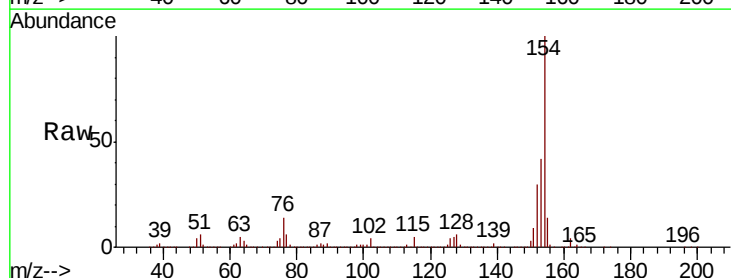
Instrument :
BNA_F
ClientSampleId :

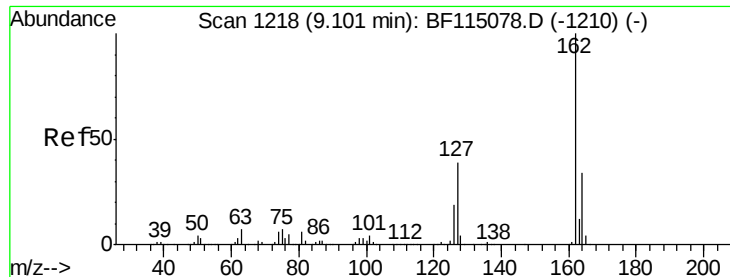
Tot Ion:172 Resp: 2923197
Ion Ratio Lower Upper
172 100
171 38.2 29.8 44.6
170 26.6 20.3 30.5



#46
1,1'-Biphenyl
Concen: 42.809 ng
RT: 9.07 min Scan# 1213
Delta R.T. -0.01 min
Lab File: BF115224.D
Acq: 26 Jun 2019 17:40

Tgt Ion:154 Resp: 1887497
Ion Ratio Lower Upper
154 100
153 42.2 20.9 60.9
76 13.8 0.0 34.1

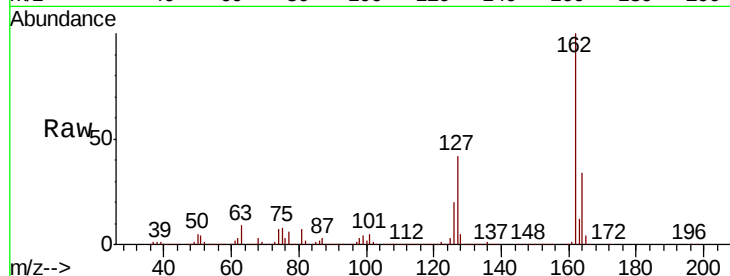




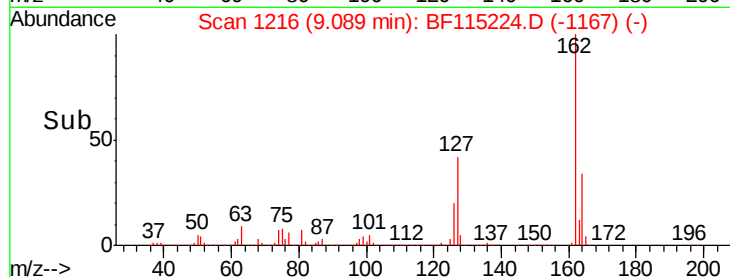
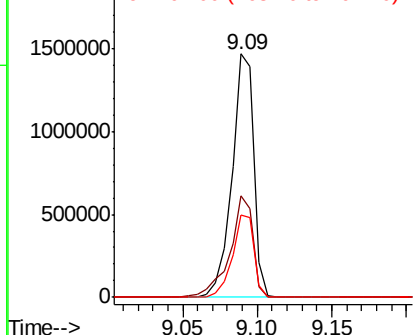
#47
 2-Chloronaphthalene
 Concen: 42.252 ng
 RT: 9.09 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: BF115224.D
 Acq: 26 Jun 2019 17:40

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 1511127
 Ion Ratio Lower Upper
 162 100
 127 42.0 30.8 46.2
 164 33.9 27.0 40.4

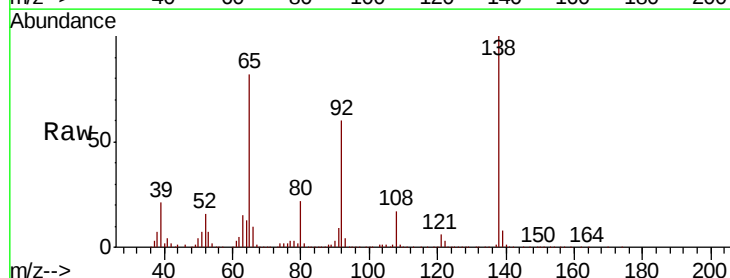


Abundance Ion 162.00 (161.70 to 162.70): E
 2000000 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

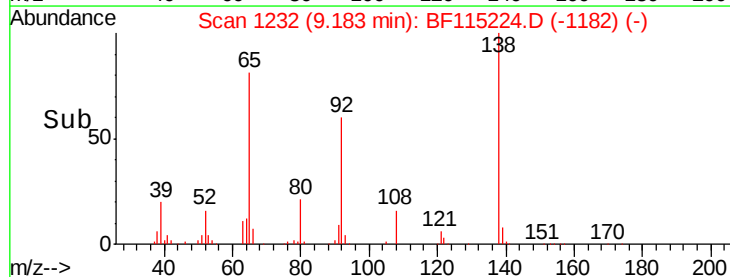
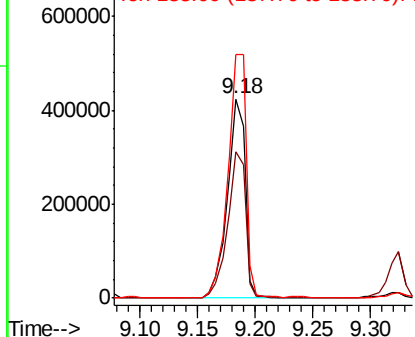


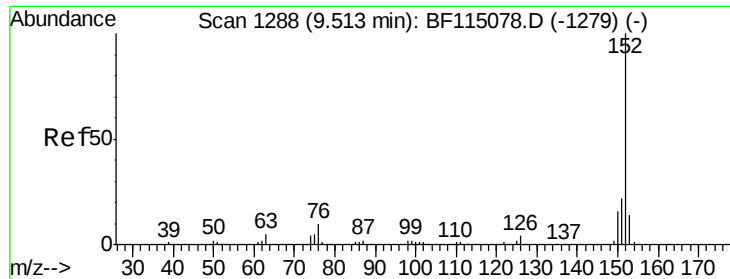
#48
 2-Nitroaniline
 Concen: 43.252 ng
 RT: 9.18 min Scan# 1232
 Delta R.T. -0.01 min
 Lab File: BF115224.D
 Acq: 26 Jun 2019 17:40

Tgt Ion: 65 Resp: 450987
 Ion Ratio Lower Upper
 65 100
 92 73.6 57.4 86.2
 138 122.5 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: 41.234 ng

RT: 9.51 min Scan# 1287

Delta R.T. -0.01 min

Lab File: BF115224.D

Acq: 26 Jun 2019 17:40

Instrument :

BNA_F

ClientSampled :

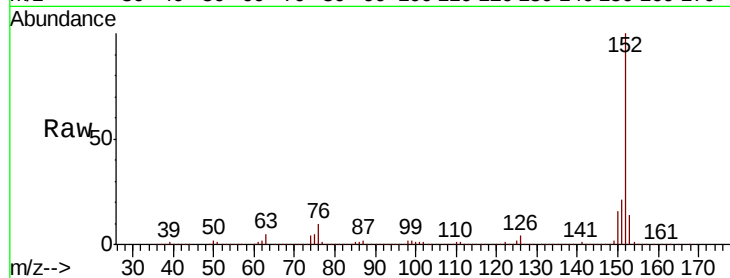
Tot Ion:152 Resp: 2297657

Ion Ratio Lower Upper

152 100

151 21.4 17.2 25.8

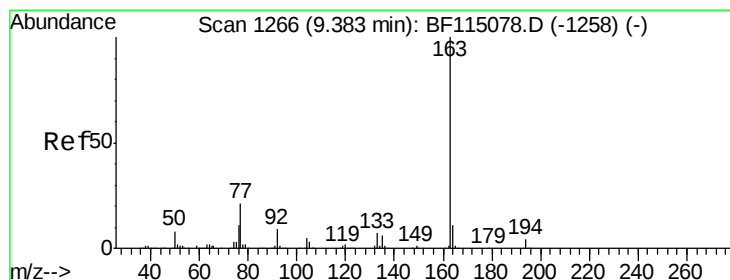
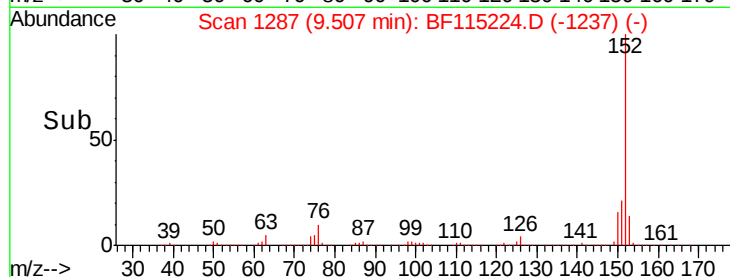
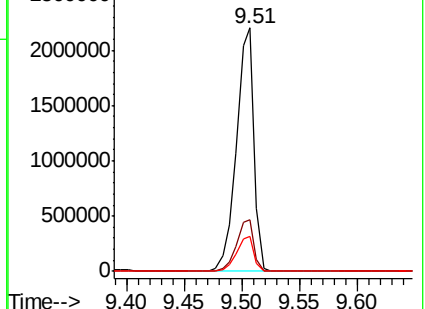
153 14.2 11.0 16.6



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: 43.689 ng

RT: 9.38 min Scan# 1265

Delta R.T. -0.01 min

Lab File: BF115224.D

Acq: 26 Jun 2019 17:40

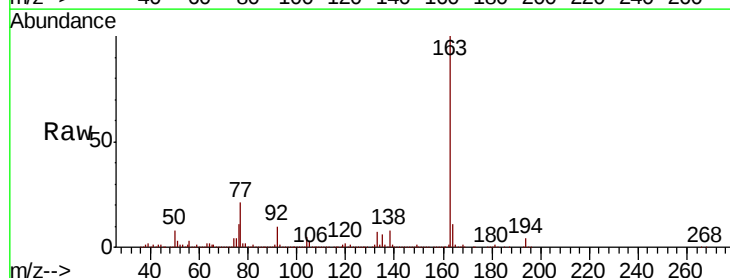
Tgt Ion:163 Resp: 1771218

Ion Ratio Lower Upper

163 100

194 4.1 3.2 4.8

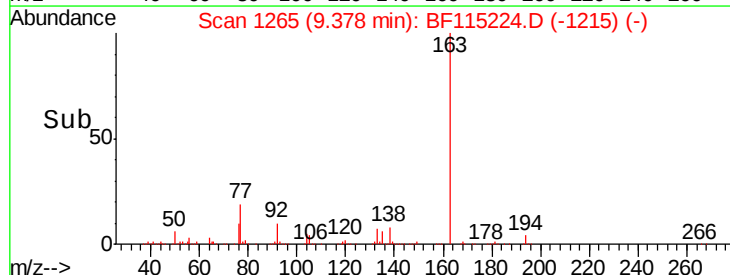
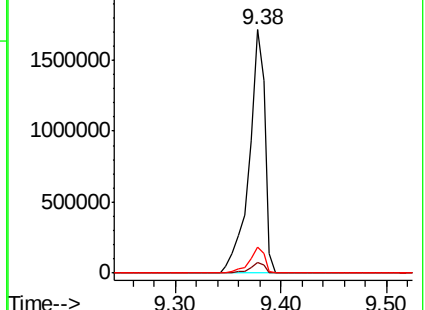
164 10.9 8.6 13.0

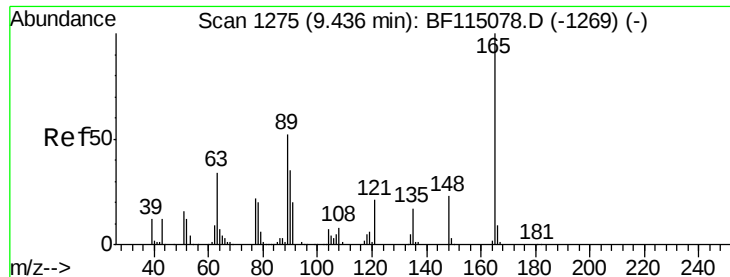


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 44.512 ng

RT: 9.43 min Scan# 1274

Delta R.T. -0.01 min

Lab File: BF115224.D

Acq: 26 Jun 2019 17:40

Instrument :

BNA_F

ClientSampled :

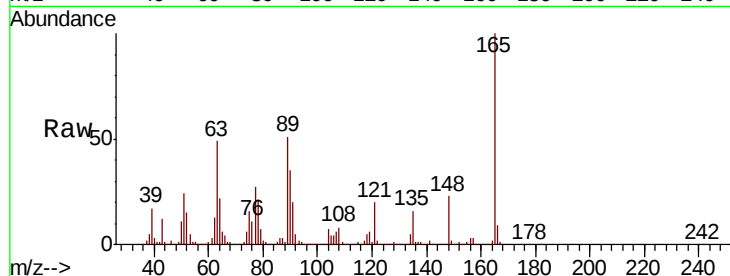
Tot Ion:165 Resp: 416616

Ion Ratio Lower Upper

165 100

63 48.6 39.4 59.2

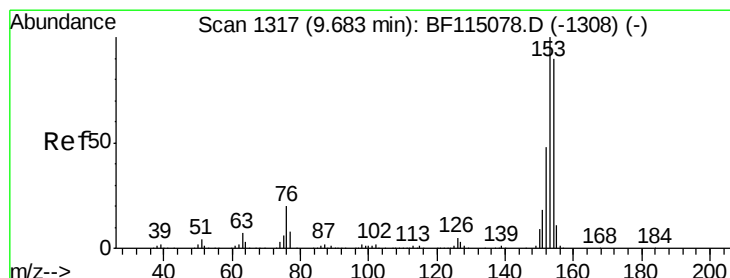
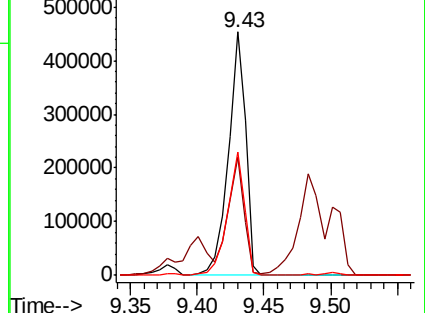
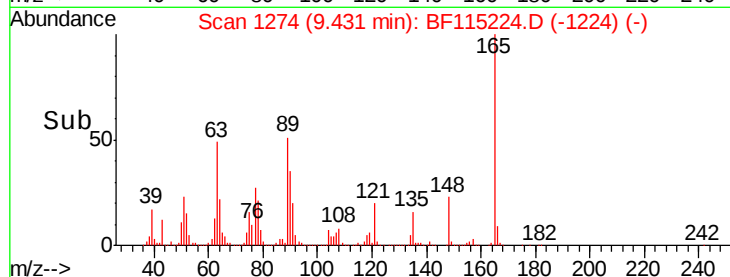
89 50.7 42.0 63.0



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



#52

Acenaphthene

Concen: 48.433 ng

RT: 9.68 min Scan# 1316

Delta R.T. -0.01 min

Lab File: BF115224.D

Acq: 26 Jun 2019 17:40

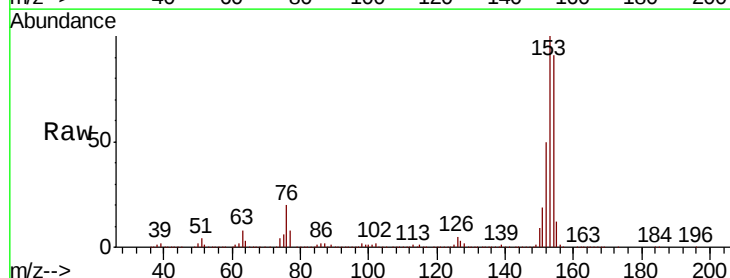
Tgt Ion:154 Resp: 1688768

Ion Ratio Lower Upper

154 100

153 110.3 88.7 133.1

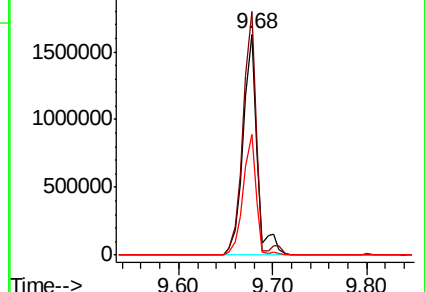
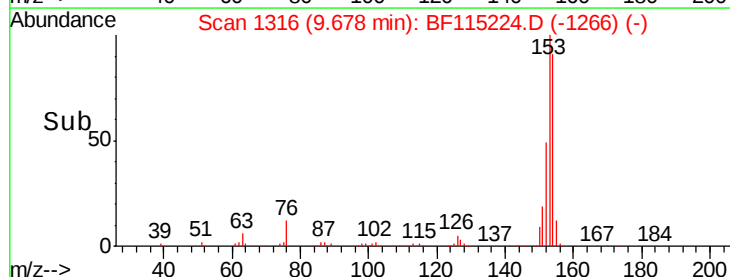
152 55.0 42.6 64.0

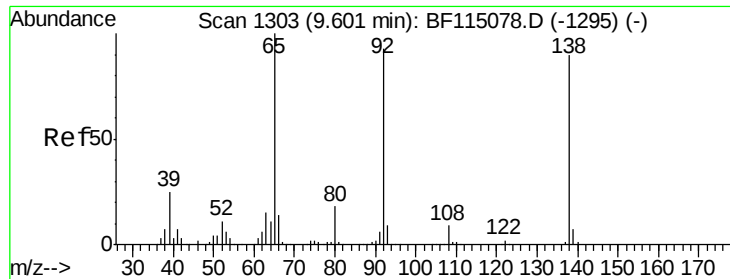


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

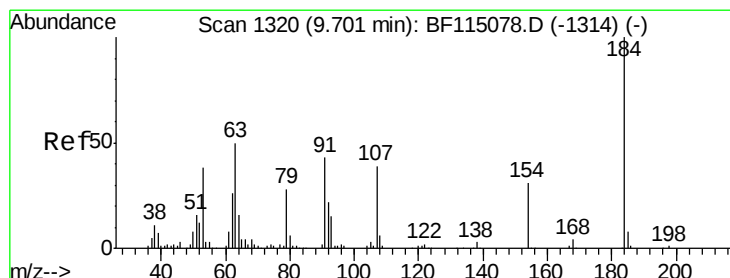
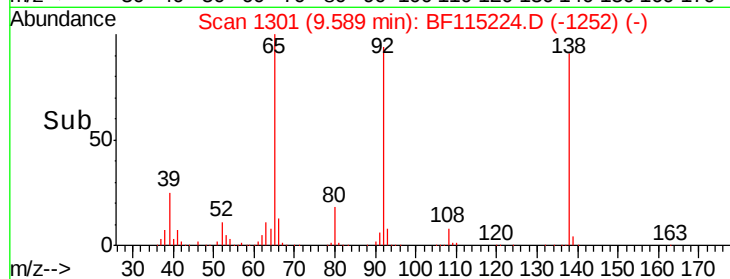
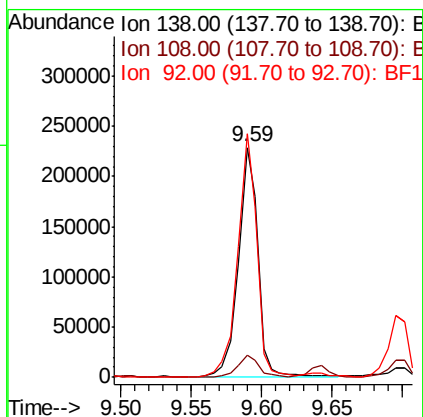
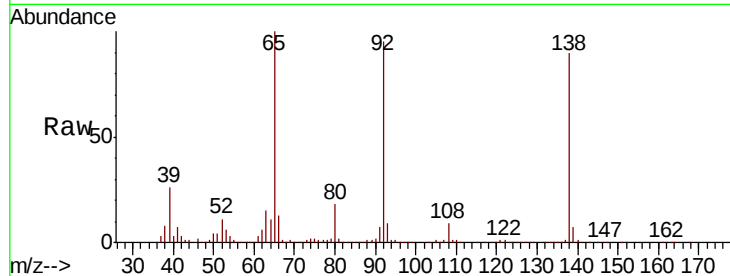




#53
3-Nitroaniline
Concen: 19.092 ng
RT: 9.59 min Scan# 1301
Delta R.T. -0.01 min
Lab File: BF115224.D
Acq: 26 Jun 2019 17:40

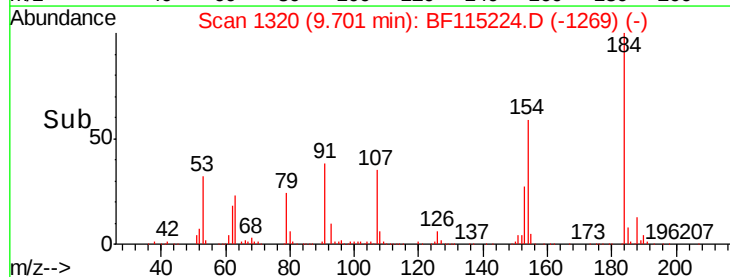
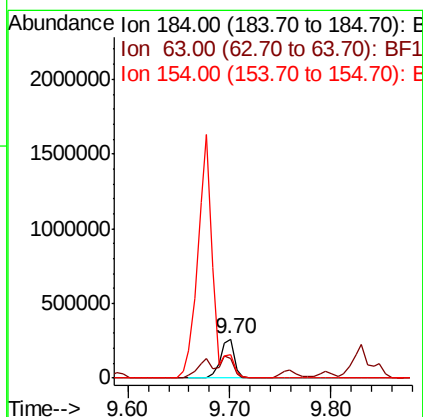
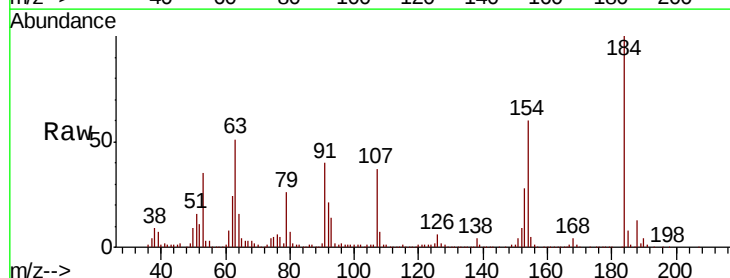
Instrument :
BNA_F
ClientSampleId :

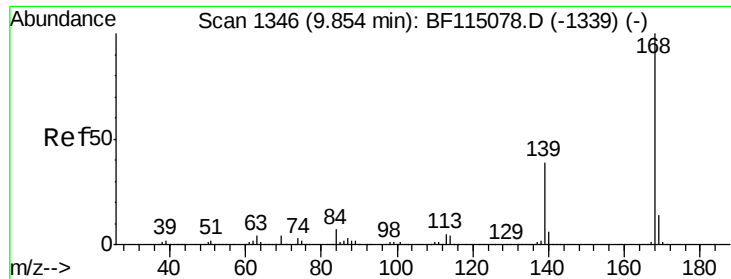
Tot Ion:138 Resp: 218066
Ion Ratio Lower Upper
138 100
108 9.6 7.8 11.6
92 105.8 82.9 124.3



#54
2,4-Dinitrophenol
Concen: 55.341 ng
RT: 9.70 min Scan# 1320
Delta R.T. 0.00 min
Lab File: BF115224.D
Acq: 26 Jun 2019 17:40

Tgt Ion:184 Resp: 254527
Ion Ratio Lower Upper
184 100
63 50.5 41.9 62.9
154 59.8 44.7 67.1

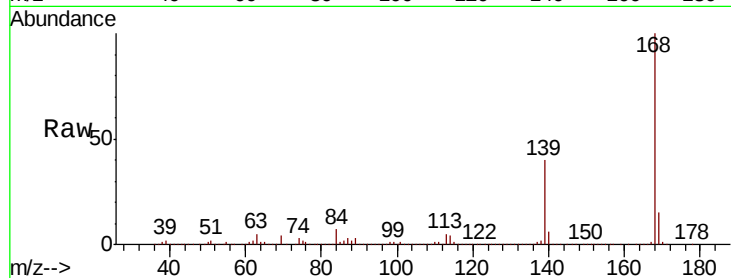




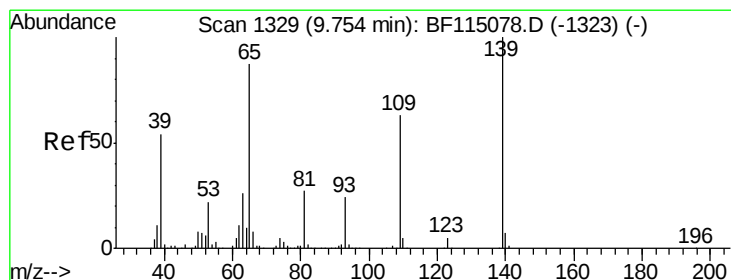
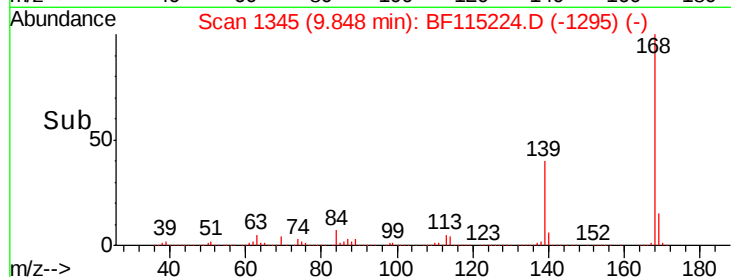
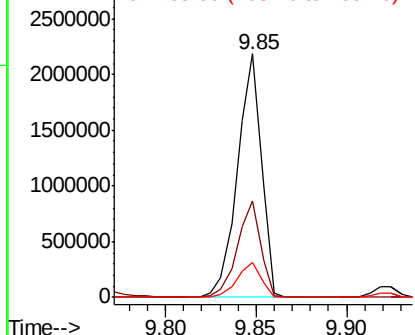
#55
Dibenzofuran
Concen: 40.124 ng
RT: 9.85 min Scan# 1345
Delta R.T. -0.01 min
Lab File: BF115224.D
Acq: 26 Jun 2019 17:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 2008004
Ion Ratio Lower Upper
168 100
139 39.7 31.1 46.7
169 14.6 11.3 16.9

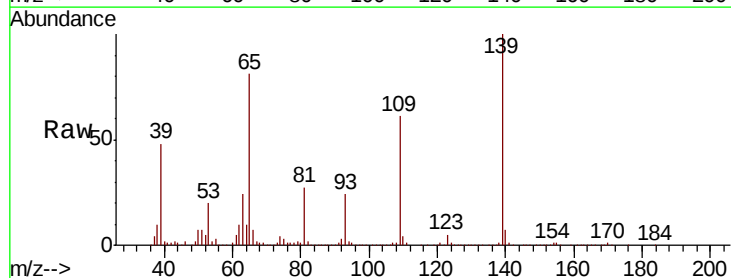


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

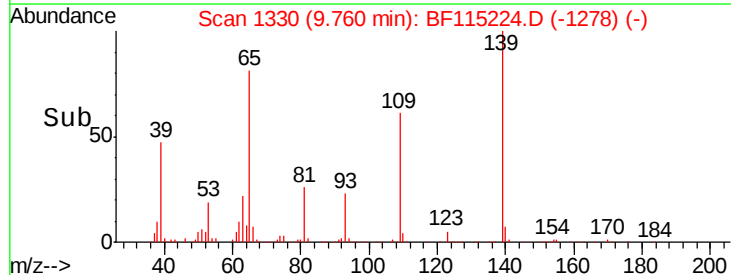
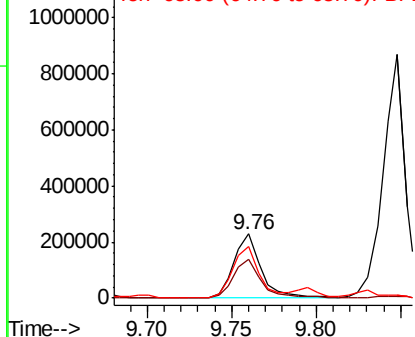


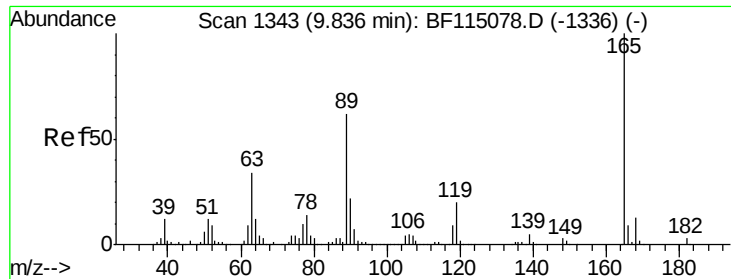
#56
4-Nitrophenol
Concen: 27.625 ng
RT: 9.76 min Scan# 1330
Delta R.T. 0.01 min
Lab File: BF115224.D
Acq: 26 Jun 2019 17:40

Tgt Ion:139 Resp: 252962
Ion Ratio Lower Upper
139 100
109 61.2 43.0 83.0
65 80.8 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

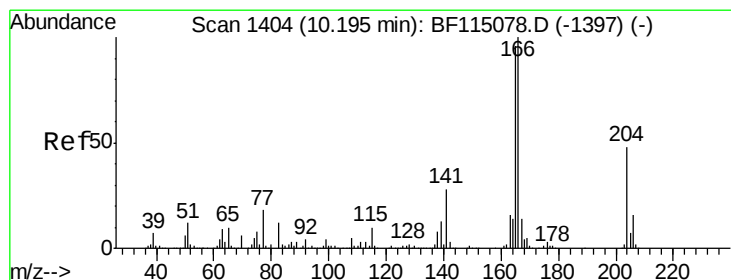
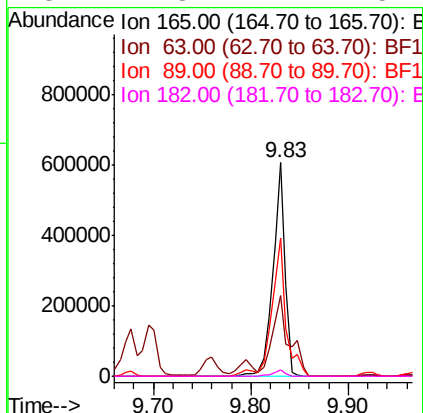
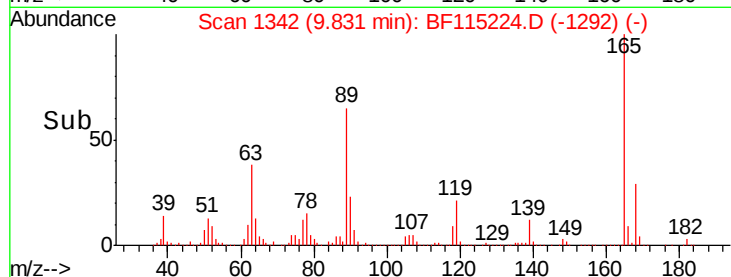
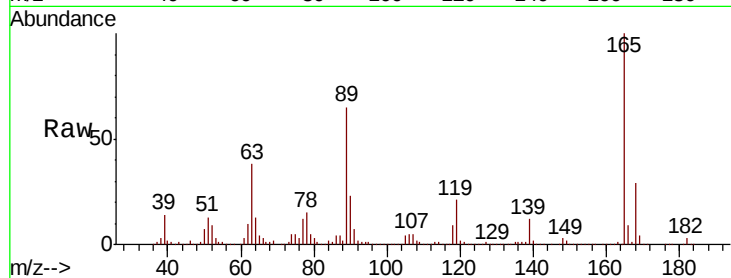




#57
2,4-Dinitrotoluene
Concen: 43.975 ng
RT: 9.83 min Scan# 1342
Delta R.T. -0.01 min
Lab File: BF115224.D
Acq: 26 Jun 2019 17:40

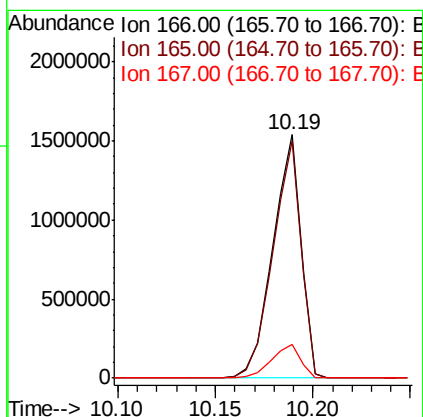
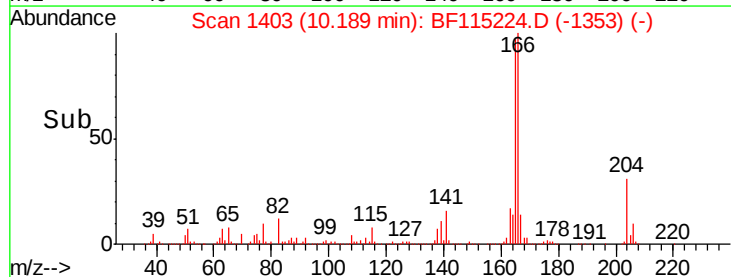
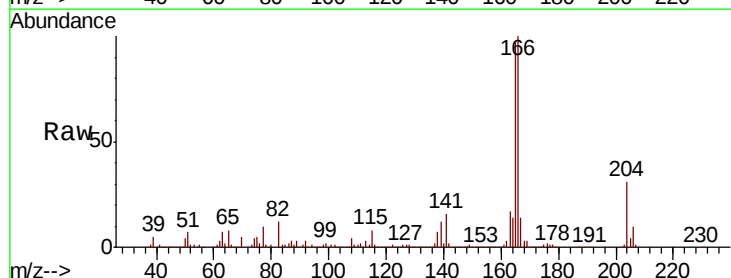
Instrument :
BNA_F
ClientSampleId :

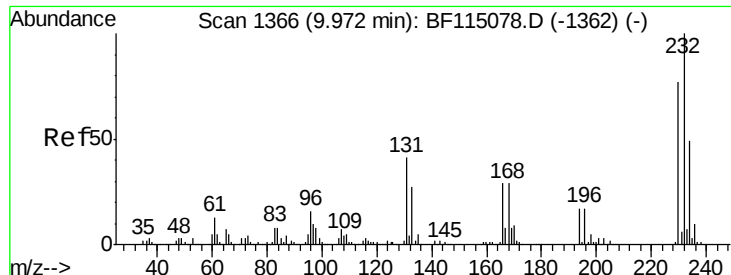
Tot Ion:	165	Resp:	531457
Ion	Ratio	Lower	Upper
165	100		
63	37.7	27.5	41.3
89	64.9	49.9	74.9
182	2.8	2.1	3.1



#58
Fluorene
Concen: 46.532 ng
RT: 10.19 min Scan# 1403
Delta R.T. -0.01 min
Lab File: BF115224.D
Acq: 26 Jun 2019 17:40

Tgt Ion:	166	Resp:	1542972
Ion	Ratio	Lower	Upper
166	100		
165	97.2	76.5	114.7
167	13.9	11.0	16.4

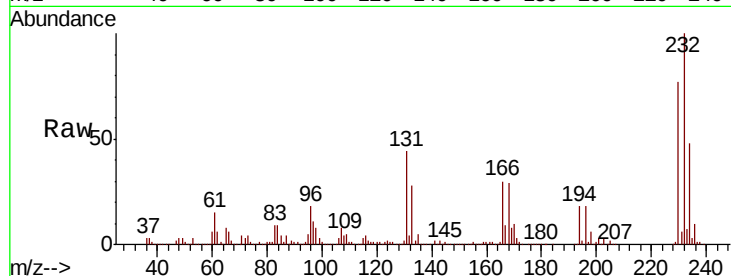




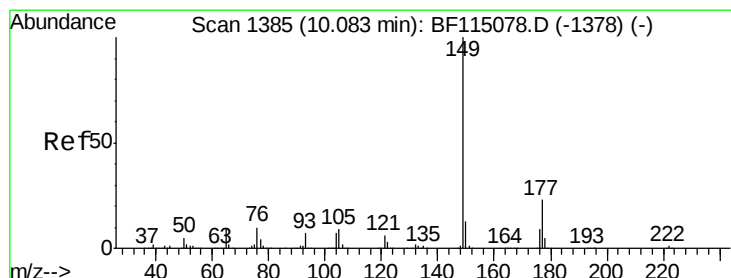
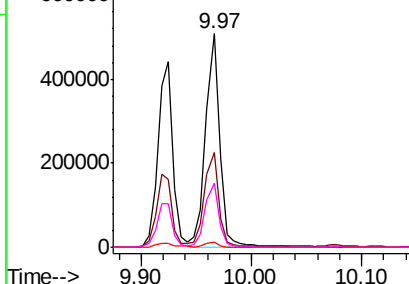
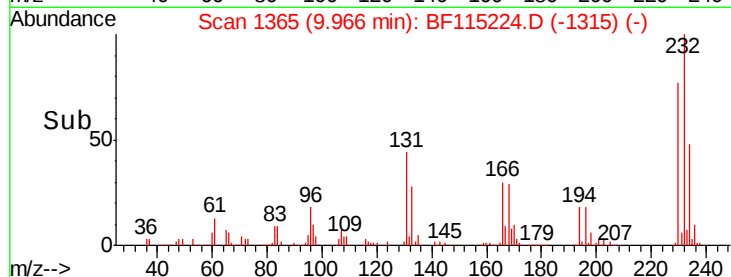
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 42.198 ng
 RT: 9.97 min Scan# 1365
 Delta R.T. -0.01 min
 Lab File: BF115224.D
 Acq: 26 Jun 2019 17:40

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	232	Resp:	438058
Ion	Ratio	Lower	Upper
232	100		
131	45.0	37.4	56.0
130	2.3	1.8	2.6
166	29.4	24.6	36.8

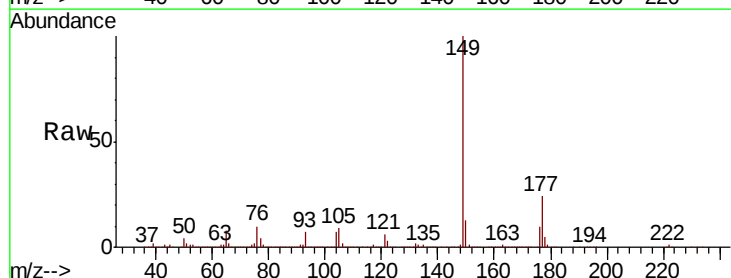


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

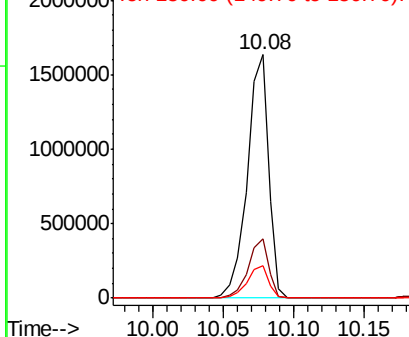
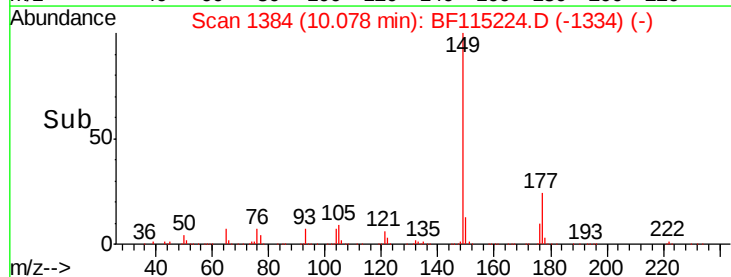


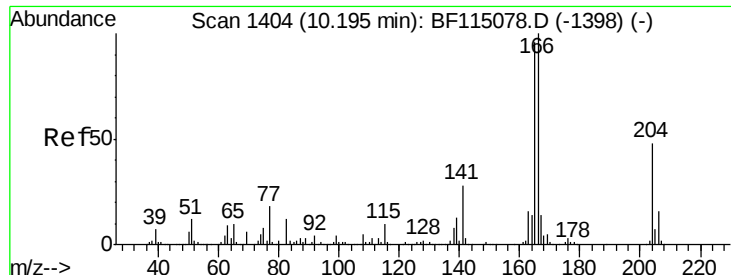
#60
 Diethylphthalate
 Concen: 42.383 ng
 RT: 10.08 min Scan# 1384
 Delta R.T. -0.01 min
 Lab File: BF115224.D
 Acq: 26 Jun 2019 17:40

Tgt Ion:	149	Resp:	1727196
Ion	Ratio	Lower	Upper
149	100		
177	24.2	18.7	28.1
150	13.1	10.4	15.6



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

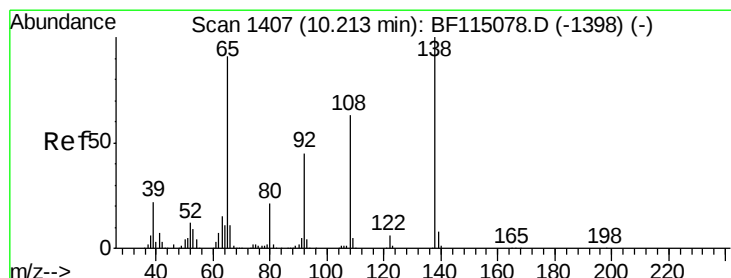
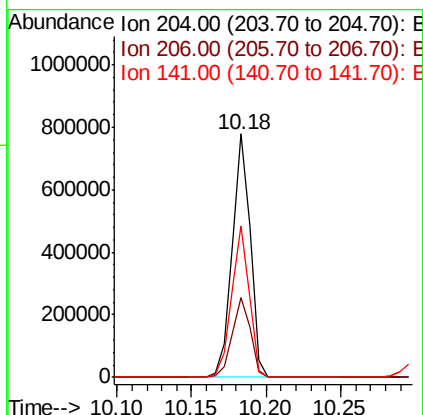
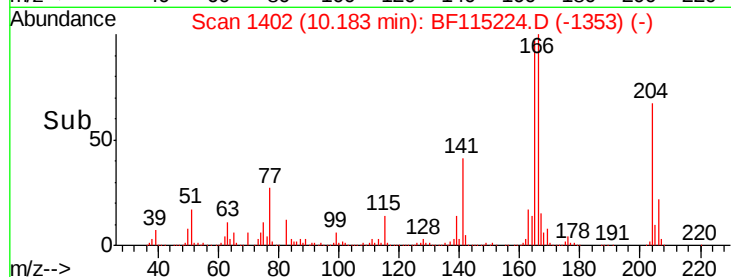
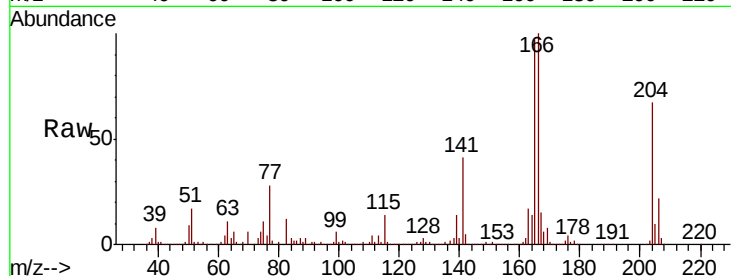




#61
 4-Chlorophenyl-phenylether
 Concen: 41.950 ng
 RT: 10.18 min Scan# 1402
 Delta R.T. -0.01 min
 Lab File: BF115224.D
 Acq: 26 Jun 2019 17:40

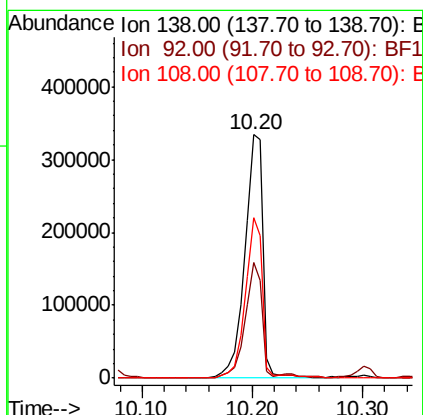
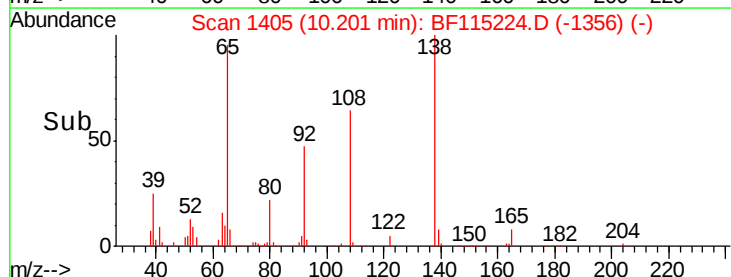
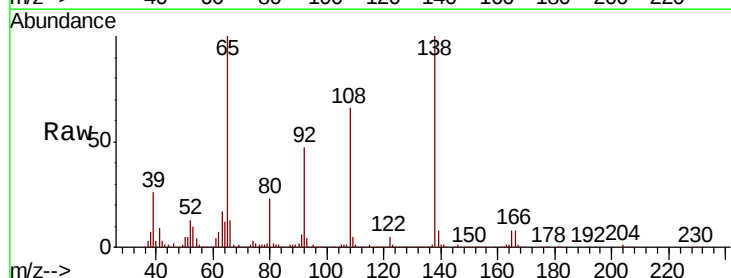
Instrument :
 BNA_F
 ClientSampled :

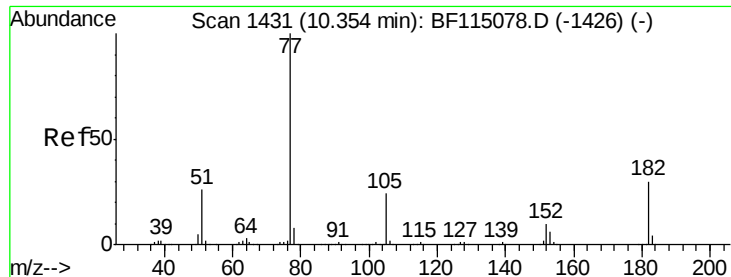
Tot Ion:204 Resp: 671552
 Ion Ratio Lower Upper
 204 100
 206 32.9 26.6 40.0
 141 62.0 46.7 70.1



#62
 4-Nitroaniline
 Concen: 33.802 ng
 RT: 10.20 min Scan# 1405
 Delta R.T. -0.01 min
 Lab File: BF115224.D
 Acq: 26 Jun 2019 17:40

Tgt Ion:138 Resp: 387317
 Ion Ratio Lower Upper
 138 100
 92 47.4 24.8 64.8
 108 66.0 43.3 83.3





#63

Azobenzene

Concen: 39.970 ng

RT: 10.34 min Scan# 1429

Delta R.T. -0.01 min

Lab File: BF115224.D

Acq: 26 Jun 2019 17:40

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 1521428

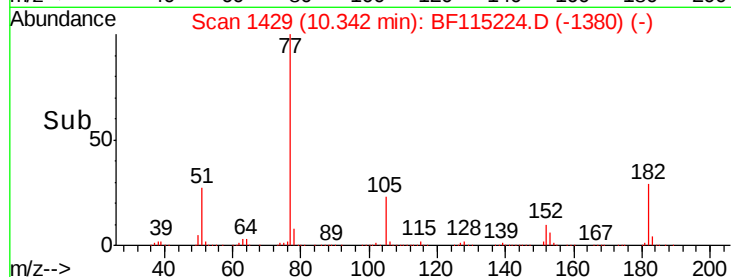
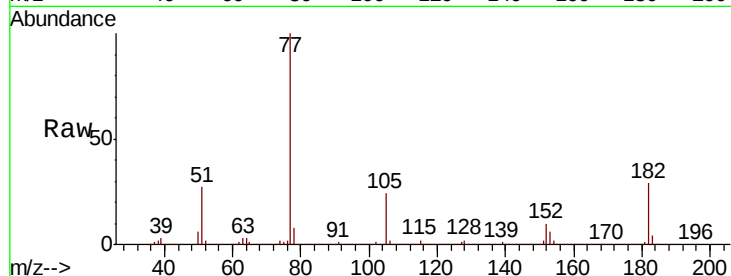
Ion	Ratio	Lower	Upper
77	100		
182	28.7	10.1	50.1
105	23.8	4.5	44.5
51	27.3	6.4	46.4

77 100

182 28.7 10.1 50.1

105 23.8 4.5 44.5

51 27.3 6.4 46.4

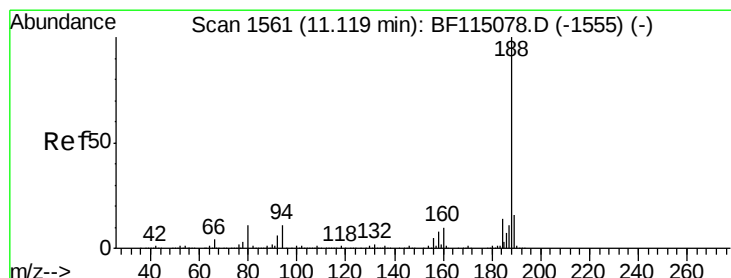
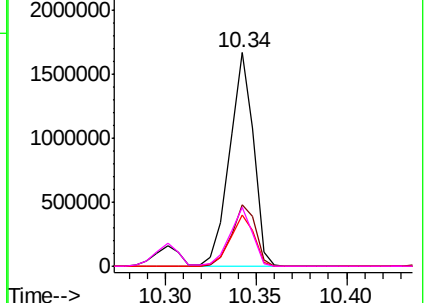


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: BF115224.D

Acq: 26 Jun 2019 17:40

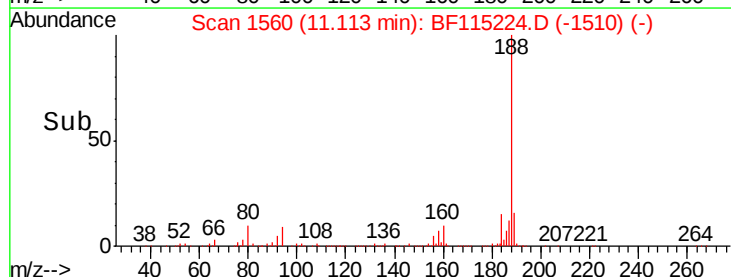
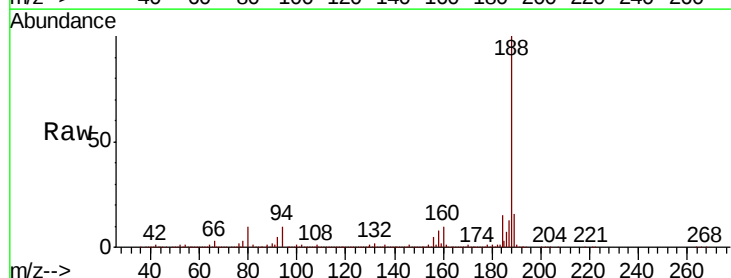
Tgt Ion: 188 Resp: 959405

Ion	Ratio	Lower	Upper
188	100		
94	9.9	8.6	12.8
80	10.2	8.8	13.2

188 100

94 9.9 8.6 12.8

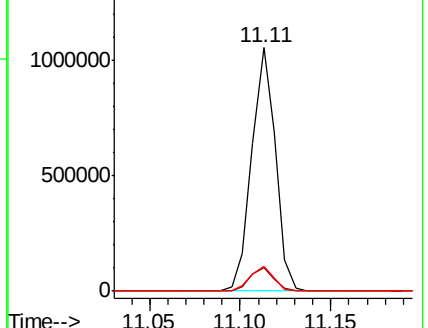
80 10.2 8.8 13.2



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: 35.258 ng

RT: 10.24 min Scan# 1411

Delta R.T. -0.01 min

Lab File: BF115224.D

Acq: 26 Jun 2019 17:40

Instrument :

BNA_F

ClientSampled :

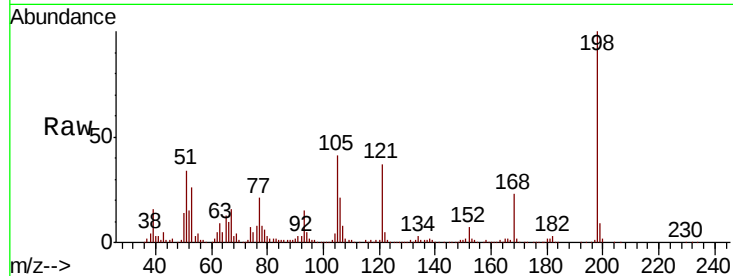
Tot Ion:198 Resp: 172490

Ion Ratio Lower Upper

198 100

51 34.0 11.0 51.0

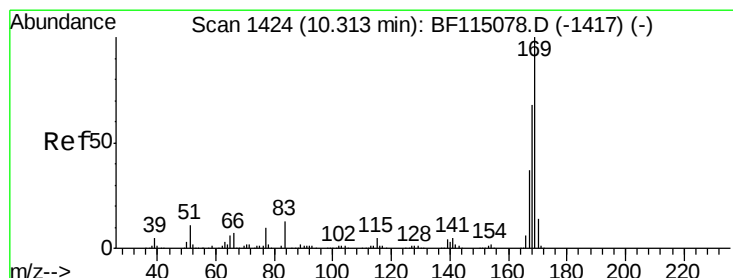
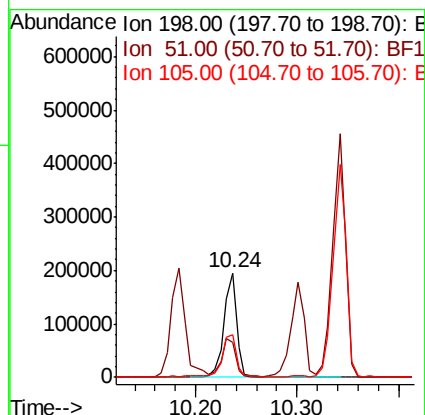
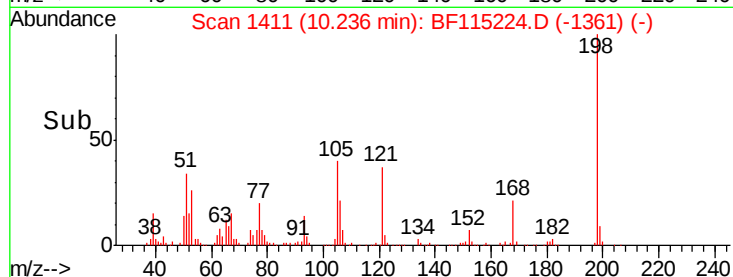
105 40.5 17.3 57.3



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 46.718 ng

RT: 10.30 min Scan# 1422

Delta R.T. -0.01 min

Lab File: BF115224.D

Acq: 26 Jun 2019 17:40

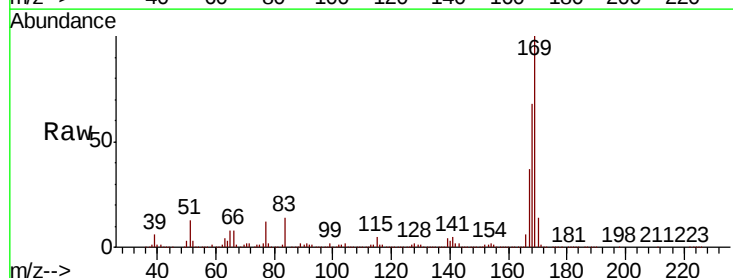
Tgt Ion:169 Resp: 1396392

Ion Ratio Lower Upper

169 100

168 67.7 54.2 81.4

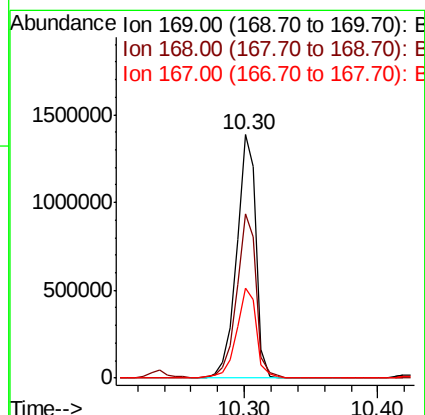
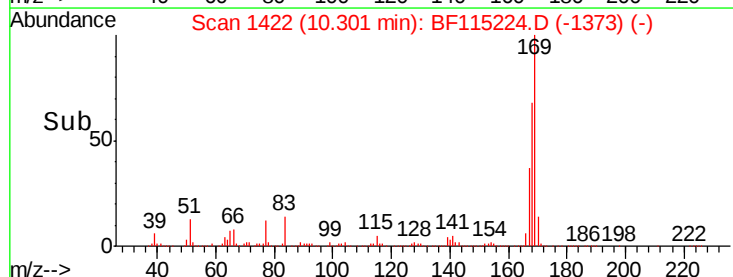
167 37.1 29.4 44.0

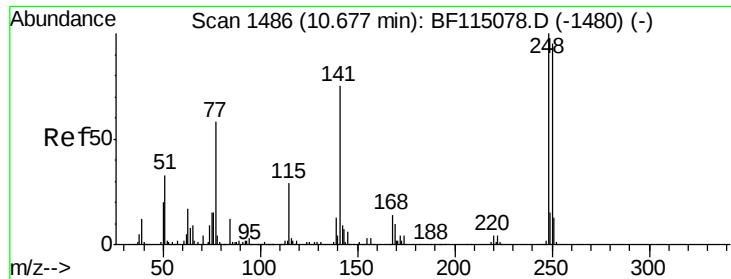


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

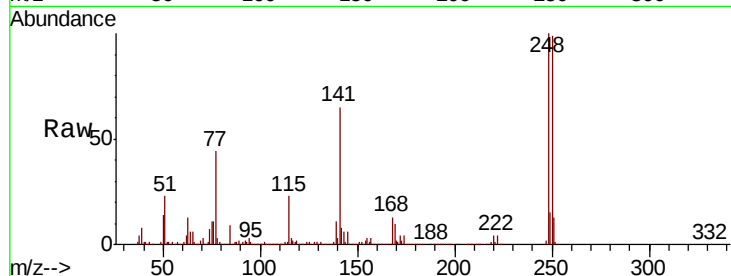




#67
4-Bromophenyl-phenylether
Concen: 45.683 ng
RT: 10.67 min Scan# 1485
Delta R.T. -0.01 min
Lab File: BF115224.D
Acq: 26 Jun 2019 17:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
248	100		
250	99.3	76.2	114.2
141	65.0	59.6	89.4

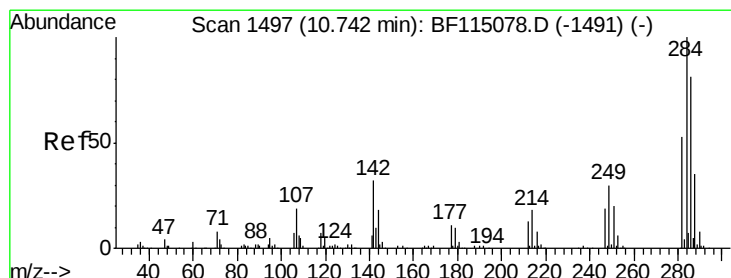
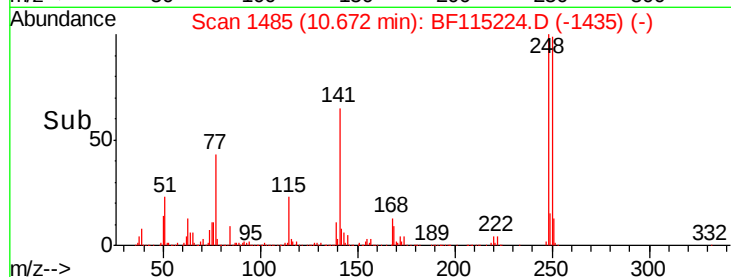
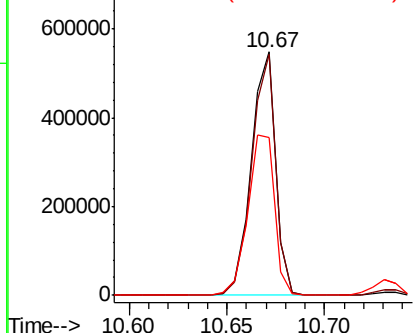


Abundance

Ion 248.00 (247.70 to 248.70): E

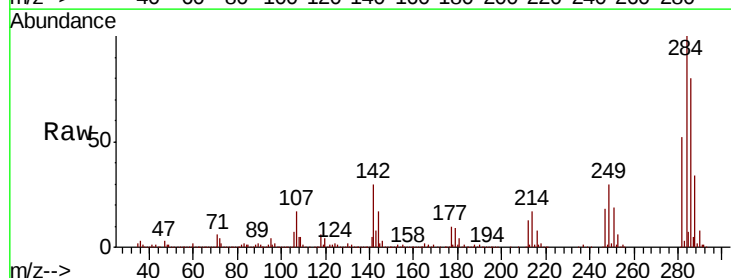
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 44.343 ng
RT: 10.74 min Scan# 1496
Delta R.T. -0.01 min
Lab File: BF115224.D
Acq: 26 Jun 2019 17:40

Tgt Ion	Ratio	Lower	Upper
284	100		
142	29.5	25.8	38.8
249	29.9	24.2	36.4

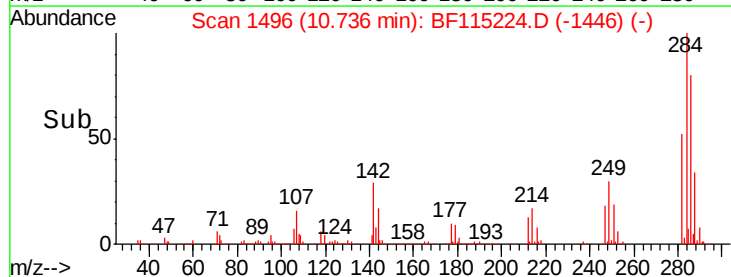
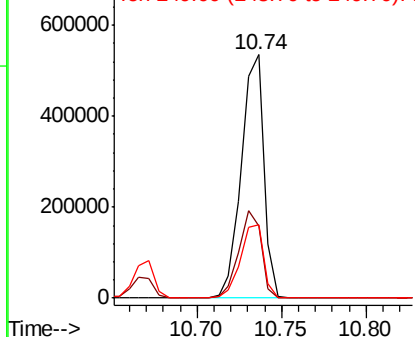


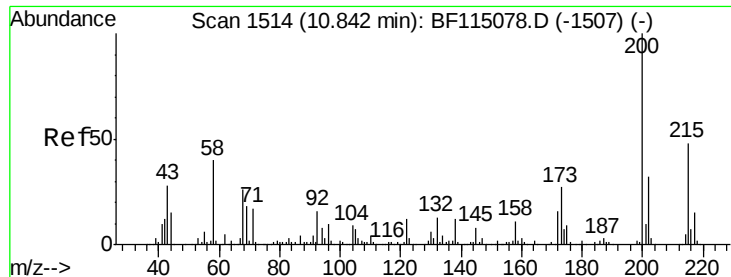
Abundance

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

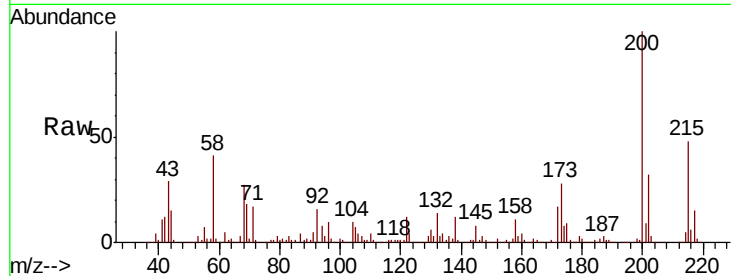




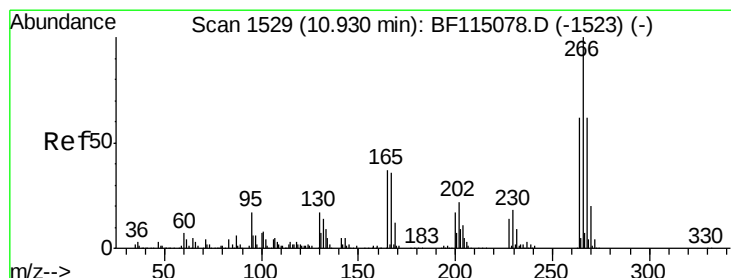
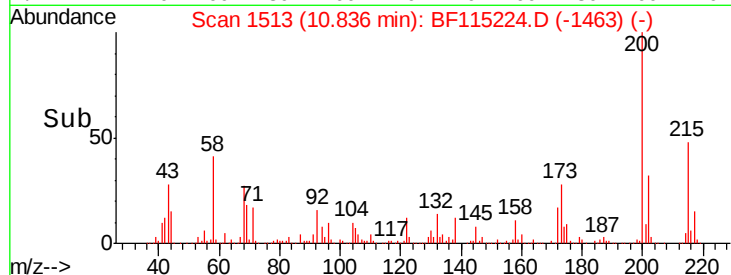
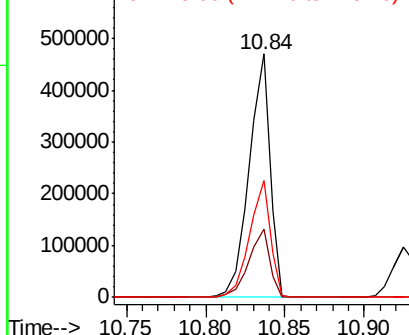
#69
 Atrazine
 Concen: 44.880 ng
 RT: 10.84 min Scan# 1513
 Delta R.T. -0.01 min
 Lab File: BF115224.D
 Acq: 26 Jun 2019 17:40

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	28.3	7.4	47.4
215	47.9	27.8	67.8

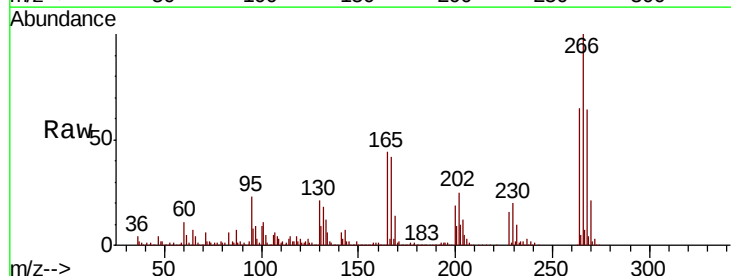


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

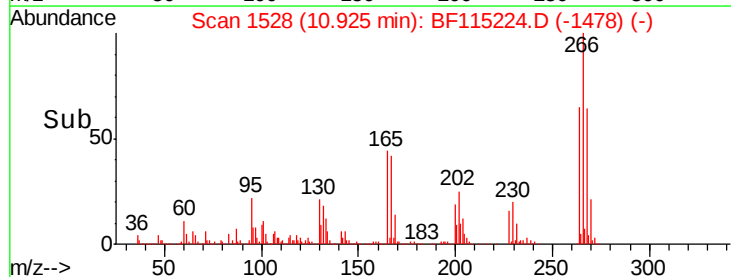
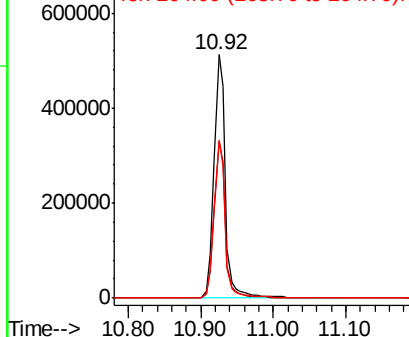


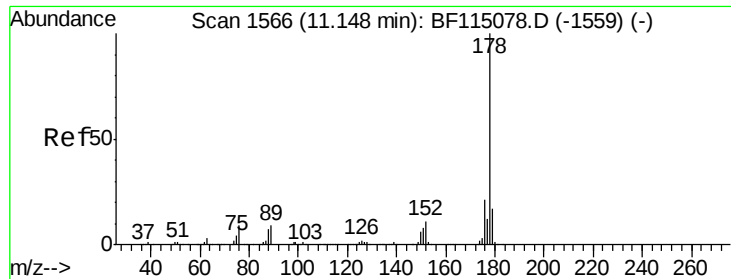
#70
 Pentachlorophenol
 Concen: 78.194 ng
 RT: 10.92 min Scan# 1528
 Delta R.T. -0.01 min
 Lab File: BF115224.D
 Acq: 26 Jun 2019 17:40

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.2	49.5	74.3
264	64.9	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

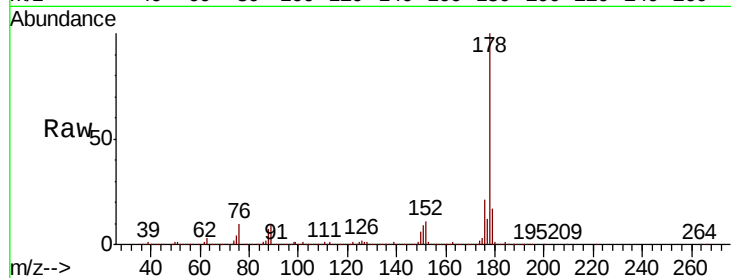




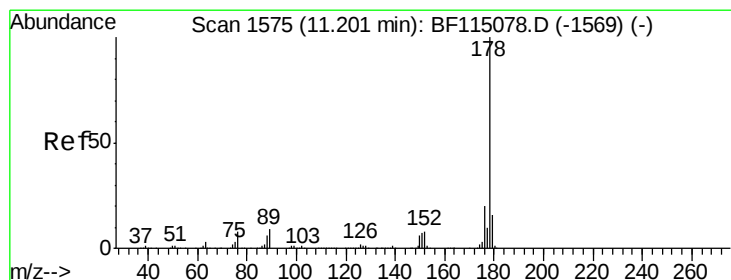
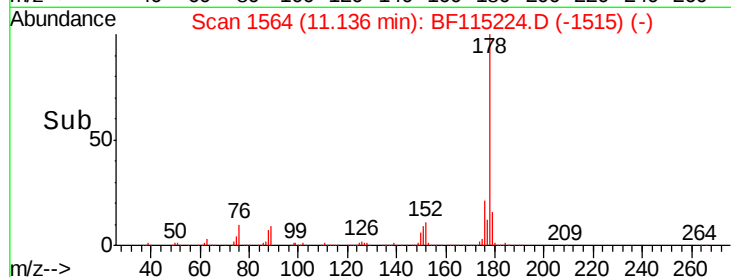
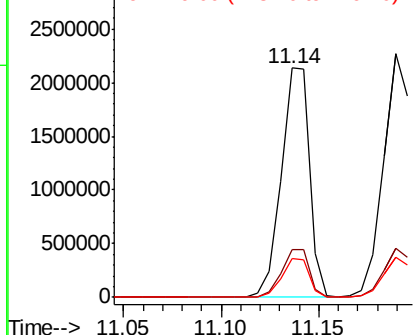
#71
Phenanthrene
Concen: 41.406 ng
RT: 11.14 min Scan# 1564
Delta R.T. -0.01 min
Lab File: BF115224.D
Acq: 26 Jun 2019 17:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:178 Resp: 2138862
Ion Ratio Lower Upper
178 100
176 20.9 16.9 25.3
179 16.9 13.2 19.8

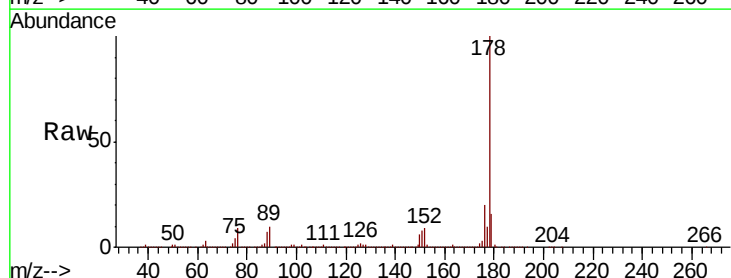


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

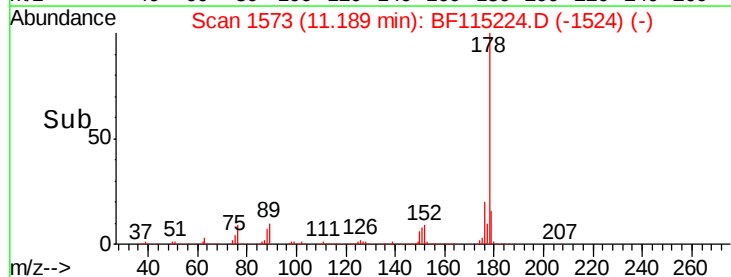
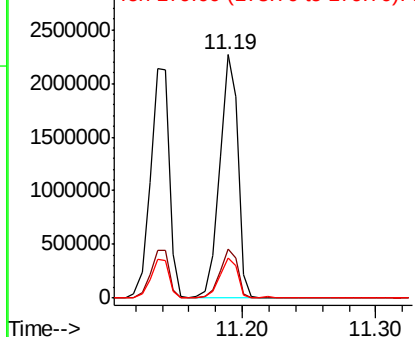


#72
Anthracene
Concen: 41.973 ng
RT: 11.19 min Scan# 1573
Delta R.T. -0.01 min
Lab File: BF115224.D
Acq: 26 Jun 2019 17:40

Tgt Ion:178 Resp: 2188597
Ion Ratio Lower Upper
178 100
176 20.1 16.1 24.1
179 16.4 12.9 19.3



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

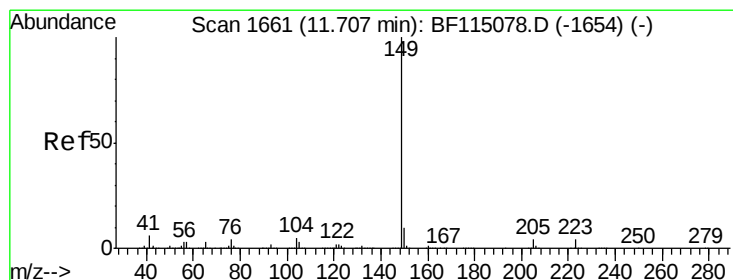
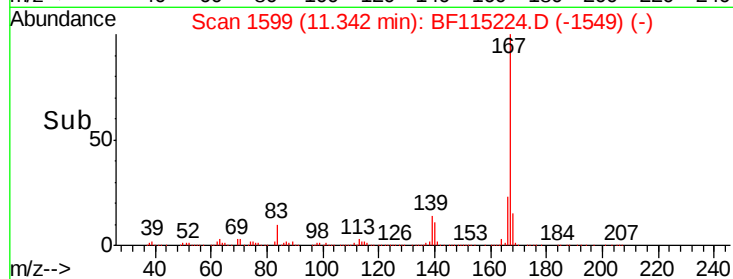
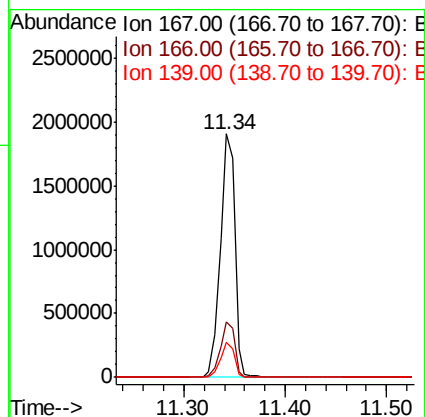
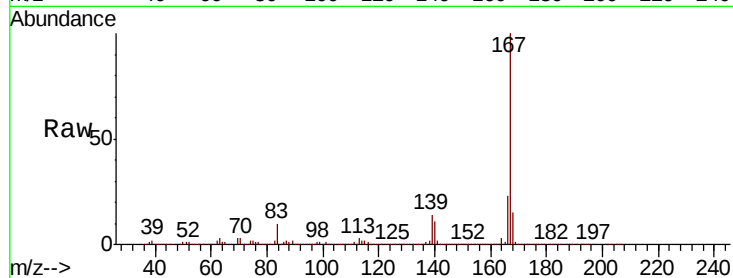




#73
 Carbazole
 Concen: 40.823 ng
 RT: 11.34 min Scan# 1599
 Delta R.T. -0.01 min
 Lab File: BF115224.D
 Acq: 26 Jun 2019 17:40

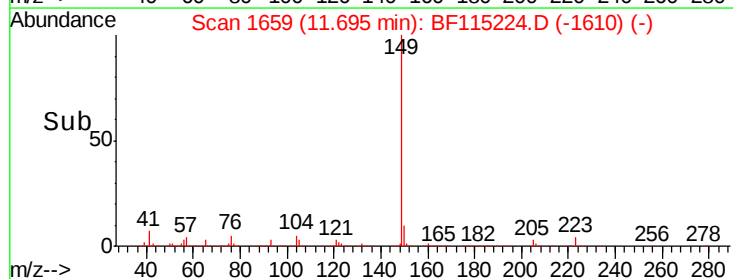
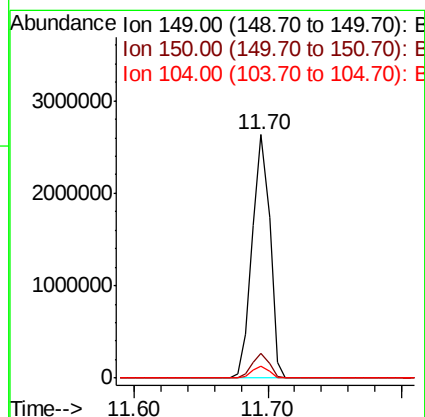
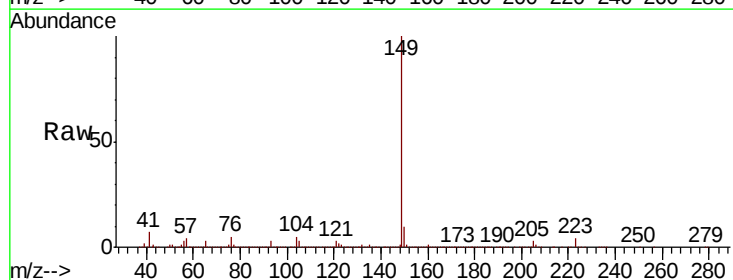
Instrument :
 BNA_F
 ClientSampled :

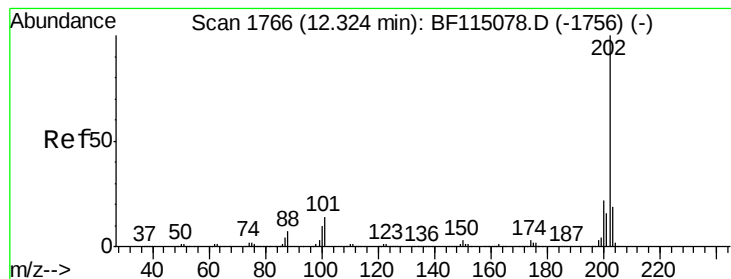
Tot Ion:167 Resp: 1900798
 Ion Ratio Lower Upper
 167 100
 166 23.0 18.0 27.0
 139 14.4 11.1 16.7



#74
 Di-n-butylphthalate
 Concen: 44.210 ng
 RT: 11.70 min Scan# 1659
 Delta R.T. -0.01 min
 Lab File: BF115224.D
 Acq: 26 Jun 2019 17:40

Tgt Ion:149 Resp: 2378698
 Ion Ratio Lower Upper
 149 100
 150 10.2 7.8 11.8
 104 5.0 3.7 5.5





#75

Fluoranthene

Concen: 39.422 ng

RT: 12.34 min Scan# 1768

Delta R.T. 0.01 min

Lab File: BF115224.D

Acq: 26 Jun 2019 17:40

Instrument :

BNA_F

ClientSampled :

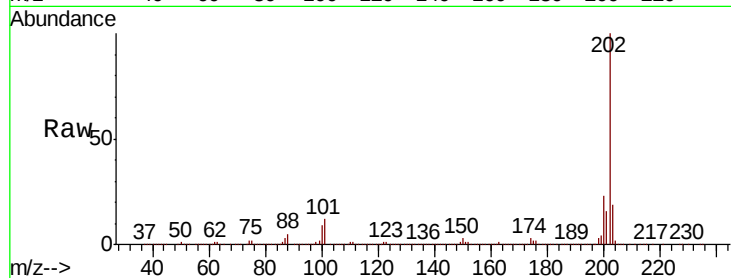
Tot Ion:202 Resp: 2031797

Ion Ratio Lower Upper

202 100

101 11.8 0.0 34.0

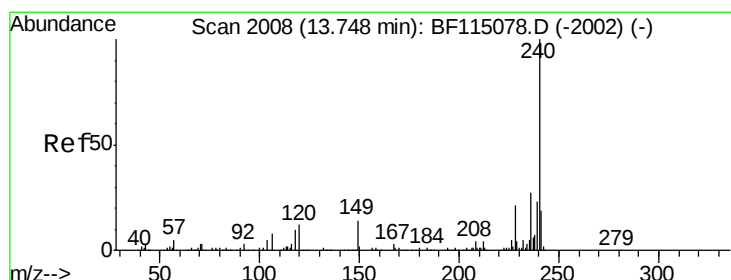
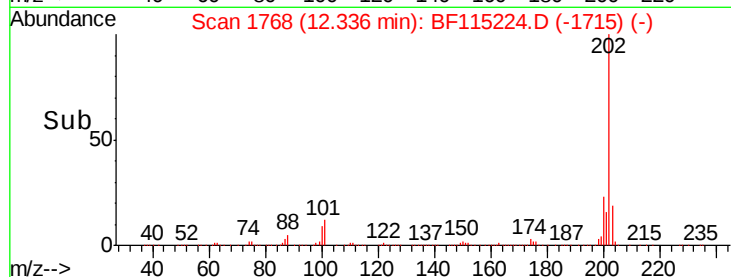
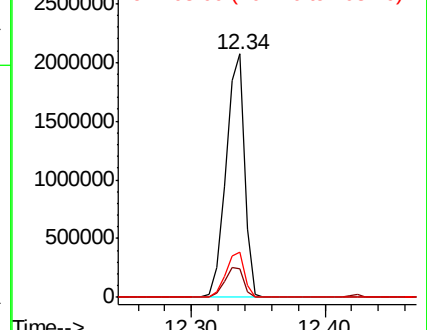
203 18.7 0.0 38.8



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: 13.87 min Scan# 2028

Delta R.T. 0.12 min

Lab File: BF115224.D

Acq: 26 Jun 2019 17:40

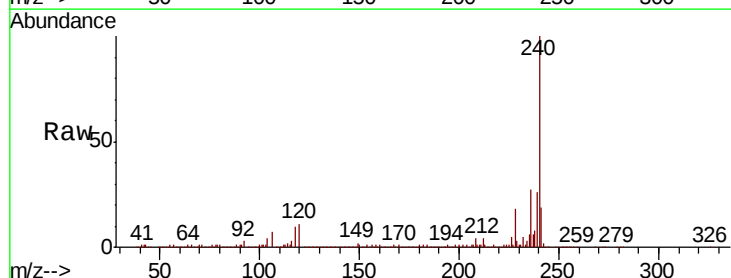
Tgt Ion:240 Resp: 646091

Ion Ratio Lower Upper

240 100

120 10.8 9.4 14.2

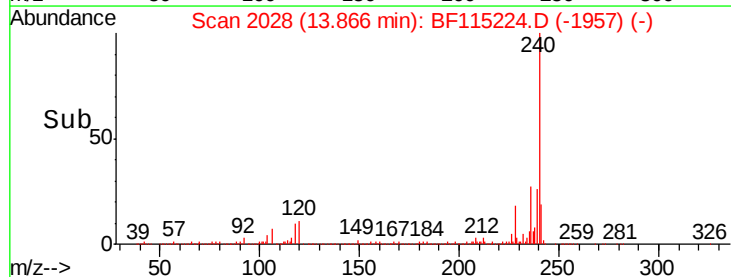
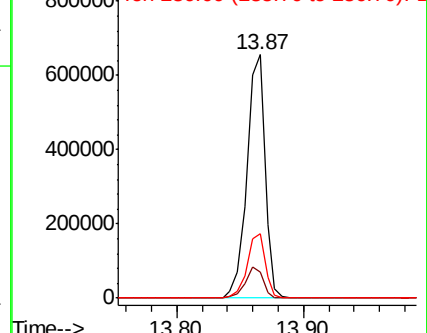
236 26.7 21.7 32.5

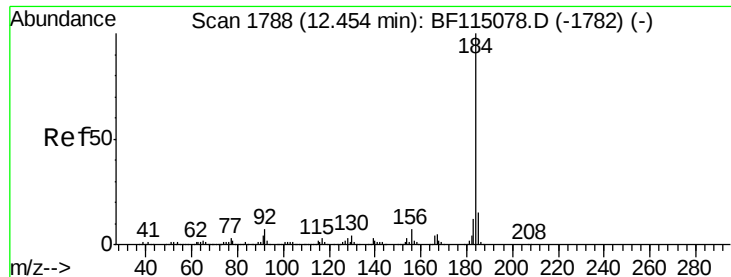


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 6.849 ng

RT: 12.46 min Scan# 1789

Delta R.T. 0.01 min

Lab File: BF115224.D

Acq: 26 Jun 2019 17:40

Instrument :

BNA_F

ClientSampleId :

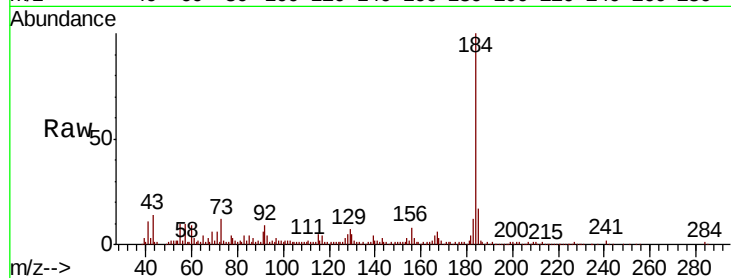
Tot Ion:184 Resp: 196484

Ion Ratio Lower Upper

184 100

185 17.5 12.2 18.2

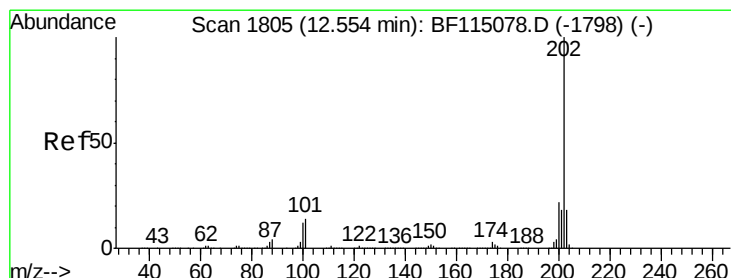
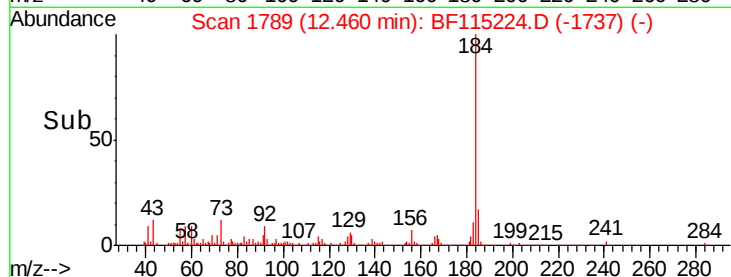
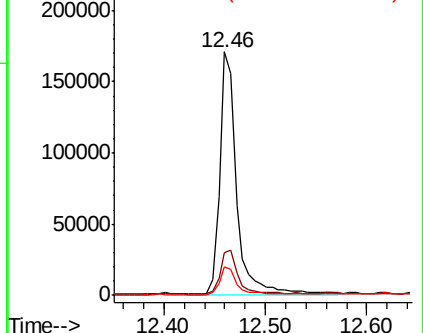
183 11.8 9.6 14.4



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 40.928 ng

RT: 12.57 min Scan# 1807

Delta R.T. 0.01 min

Lab File: BF115224.D

Acq: 26 Jun 2019 17:40

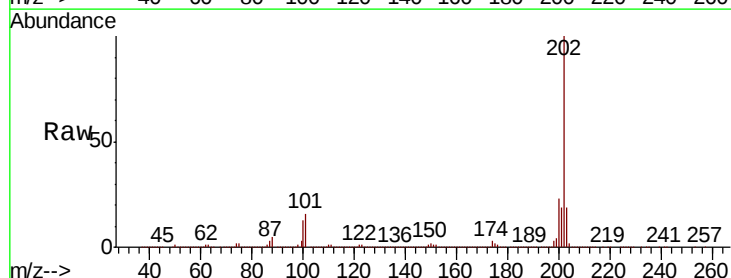
Tgt Ion:202 Resp: 2032153

Ion Ratio Lower Upper

202 100

200 22.9 17.9 26.9

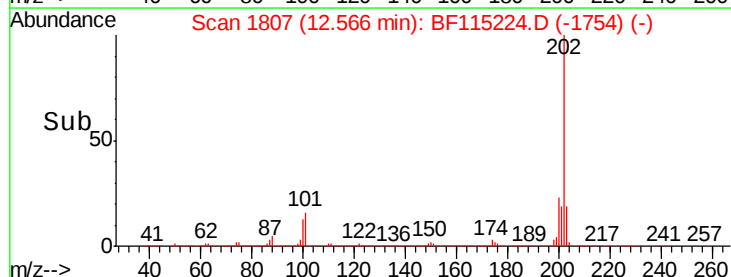
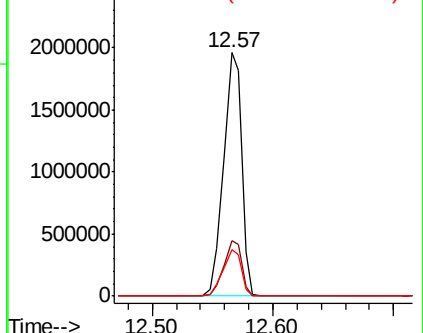
203 18.9 14.6 21.8

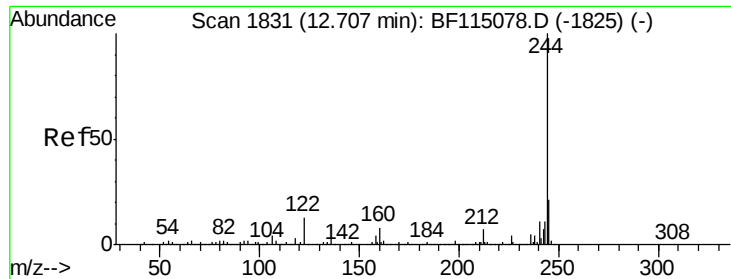


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 86.877 ng

RT: 12.73 min Scan# 1835

Delta R.T. 0.02 min

Lab File: BF115224.D

Acq: 26 Jun 2019 17:40

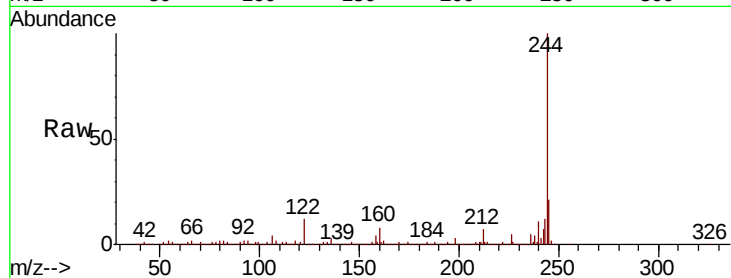
Instrument :

BNA_F

ClientSampleId :

Tot Ion:244 Resp: 2639997

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.8	8.6
122	12.5	10.4	15.6

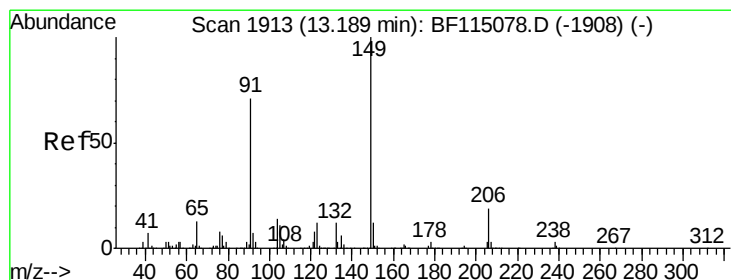
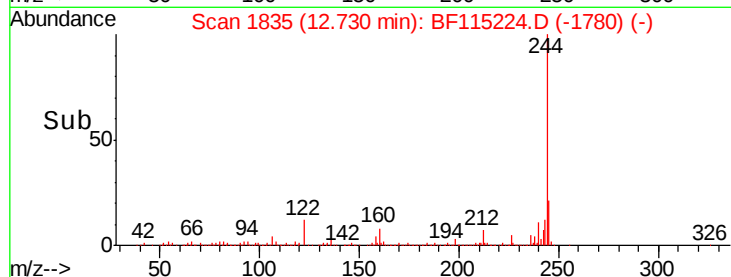
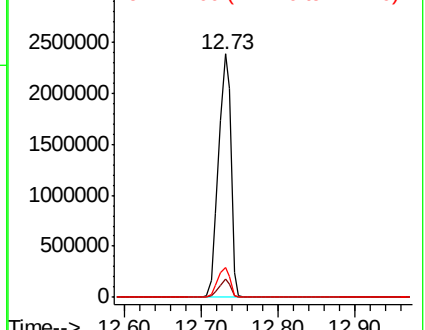


Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 44.735 ng

RT: 13.25 min Scan# 1923

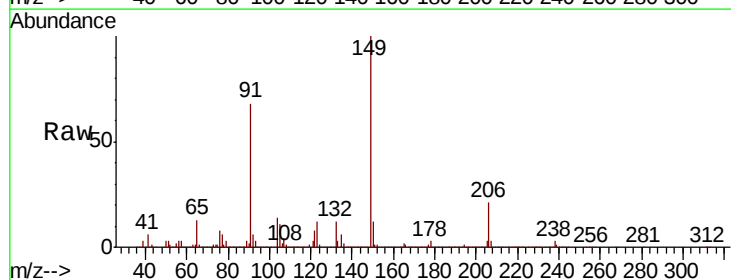
Delta R.T. 0.06 min

Lab File: BF115224.D

Acq: 26 Jun 2019 17:40

Tgt Ion:149 Resp: 980239

Ion	Ratio	Lower	Upper
149	100		
91	67.9	56.5	84.7
206	20.7	15.3	22.9

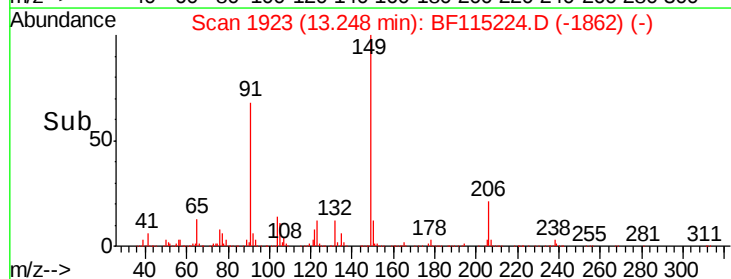
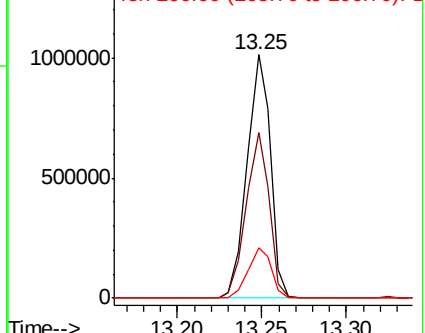


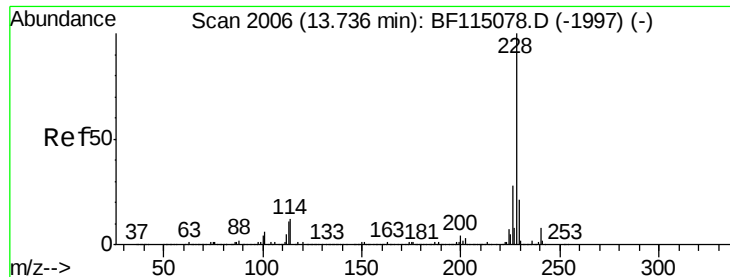
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

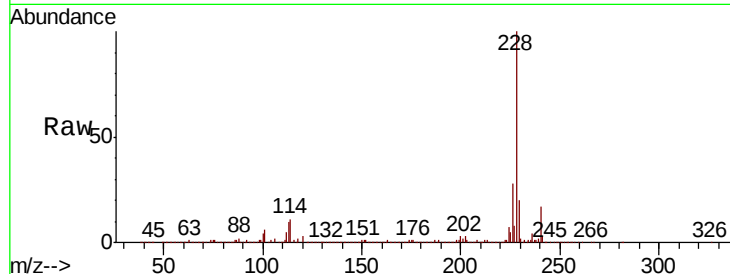




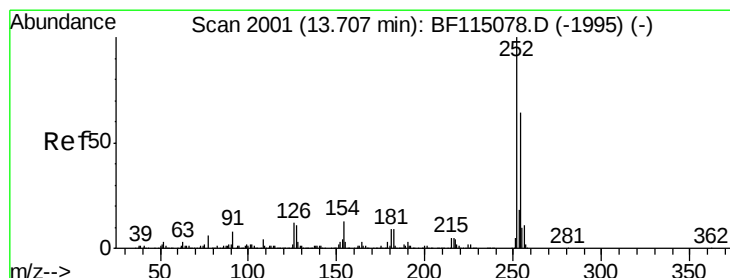
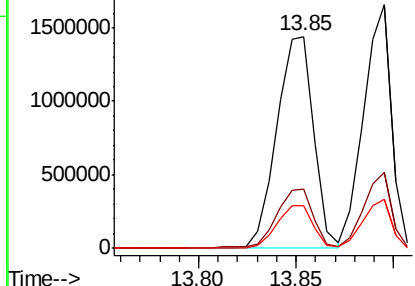
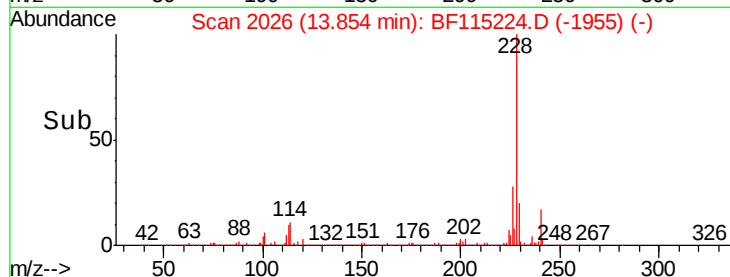
#81
Benzo(a)anthracene
Concen: 40.530 ng
RT: 13.85 min Scan# 2026
Delta R.T. 0.12 min
Lab File: BF115224.D
Acq: 26 Jun 2019 17:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:228 Resp: 1878923
Ion Ratio Lower Upper
228 100
226 28.1 22.5 33.7
229 20.1 16.6 24.8

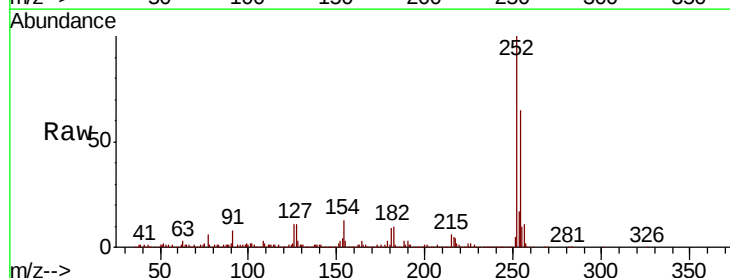


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

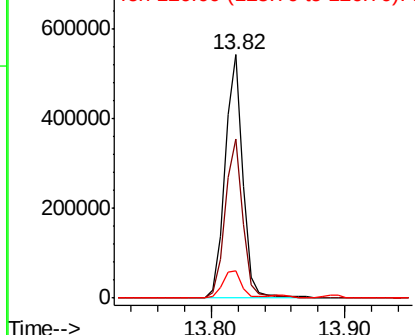
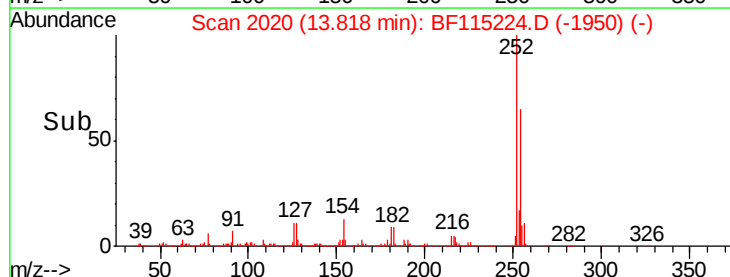


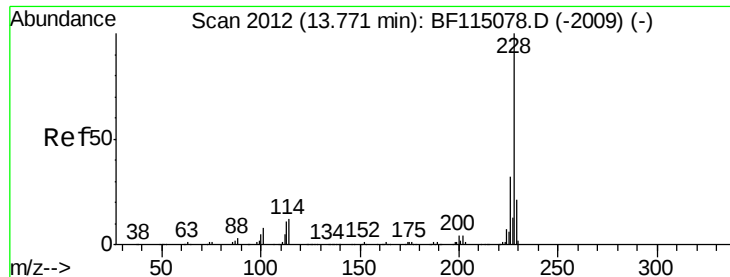
#82
3,3'-Dichlorobenzidine
Concen: 30.590 ng
RT: 13.82 min Scan# 2020
Delta R.T. 0.11 min
Lab File: BF115224.D
Acq: 26 Jun 2019 17:40

Tgt Ion:252 Resp: 512107
Ion Ratio Lower Upper
252 100
254 65.5 51.1 76.7
126 11.4 9.4 14.0



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 38.609 ng

RT: 13.89 min Scan# 2033

Delta R.T. 0.12 min

Lab File: BF115224.D

Acq: 26 Jun 2019 17:40

Instrument :

BNA_F

ClientSampleId :

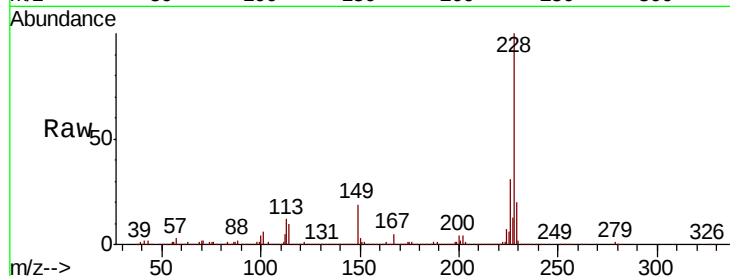
Tot Ion:228 Resp: 1639565

Ion Ratio Lower Upper

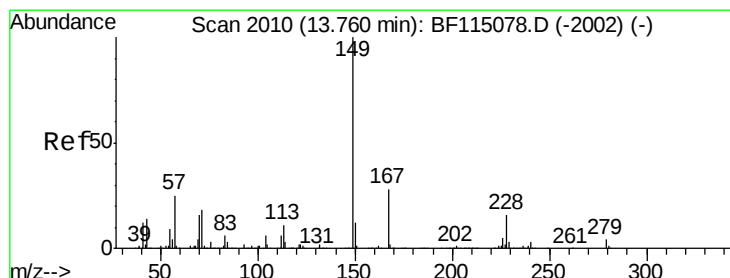
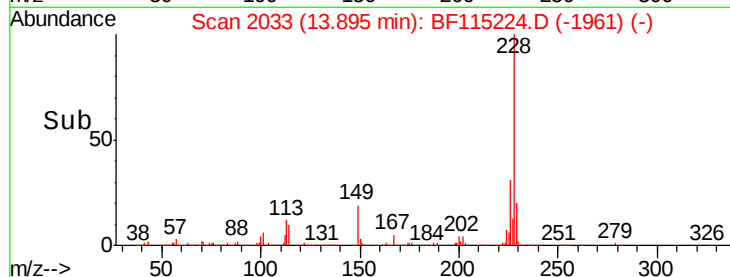
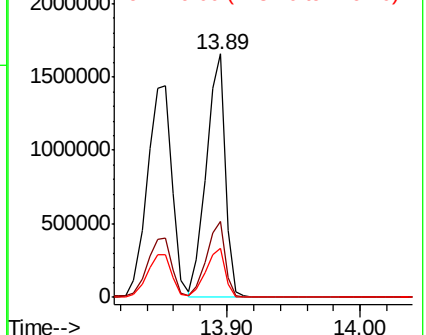
228 100

226 31.1 25.4 38.0

229 20.3 16.5 24.7



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.219 ng

RT: 13.88 min Scan# 2031

Delta R.T. 0.12 min

Lab File: BF115224.D

Acq: 26 Jun 2019 17:40

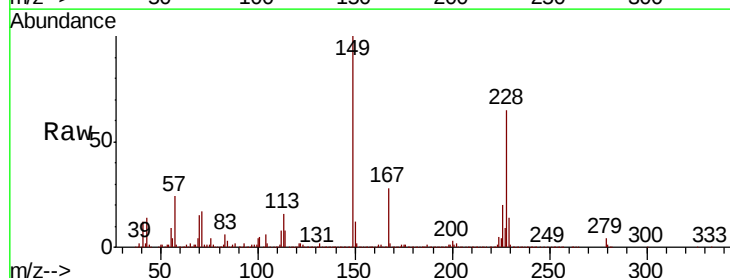
Tgt Ion:149 Resp: 1240895

Ion Ratio Lower Upper

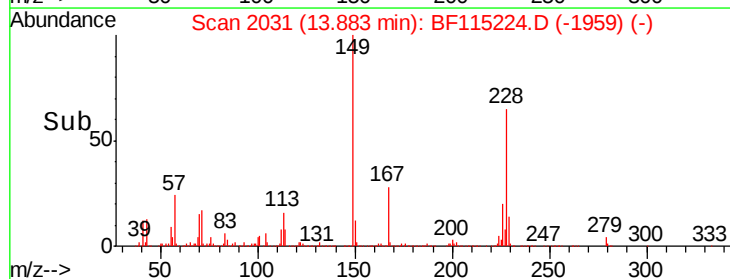
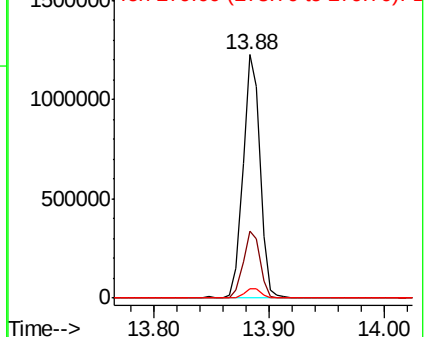
149 100

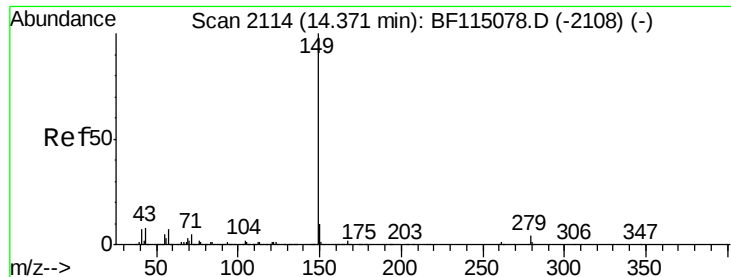
167 27.7 22.2 33.4

279 3.8 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

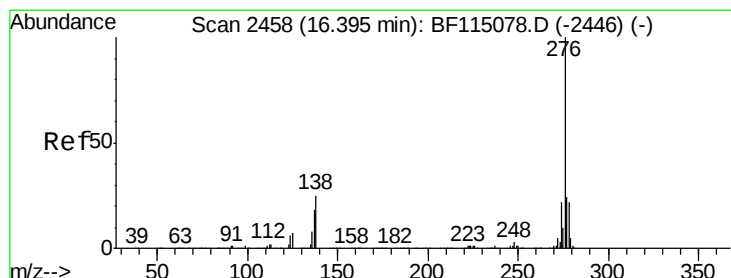
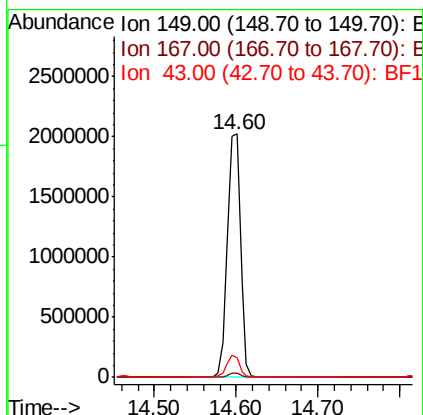
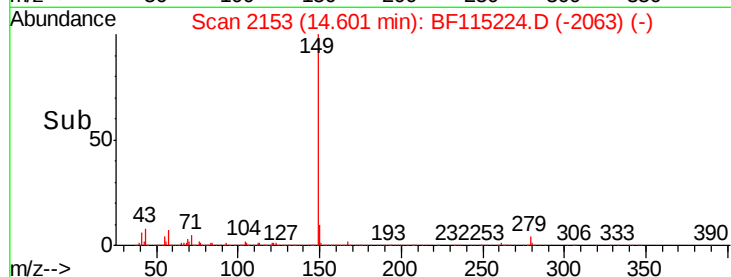
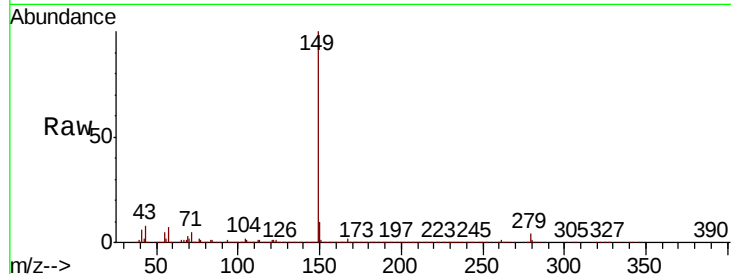




#85
Di-n-octyl phthalate
Concen: 46.462 ng
RT: 14.60 min Scan# 2153
Delta R.T. 0.23 min
Lab File: BF115224.D
Acq: 26 Jun 2019 17:40

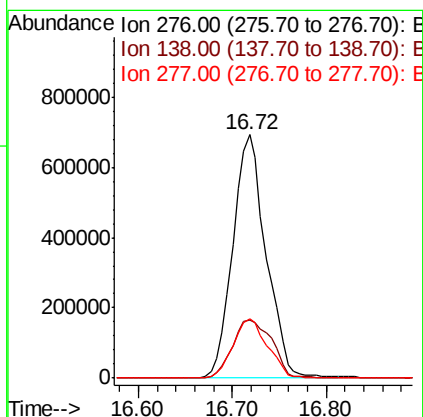
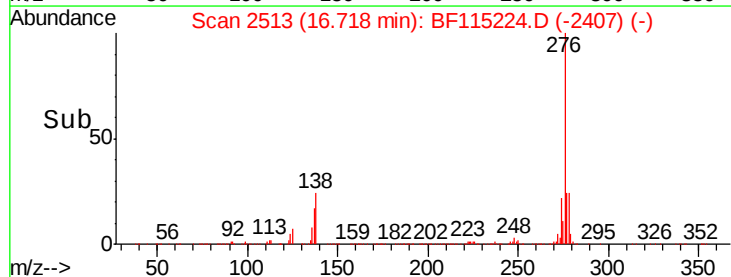
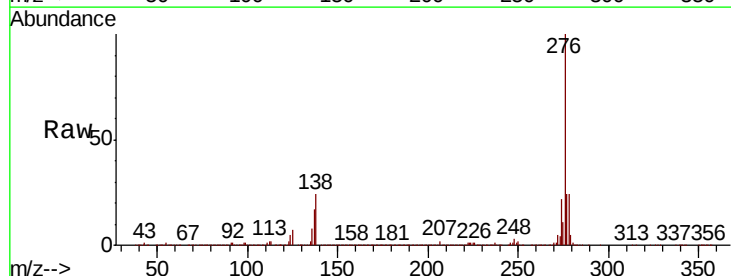
Instrument :
BNA_F
ClientSampled :

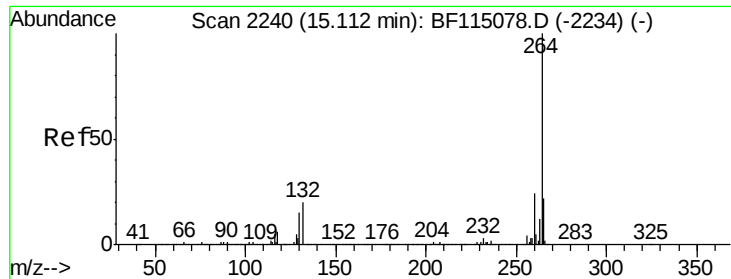
Tot Ion:149 Resp: 2241353
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 8.4 7.0 10.6



#86
Indeno(1,2,3-cd)pyrene
Concen: 33.872 ng
RT: 16.72 min Scan# 2513
Delta R.T. 0.32 min
Lab File: BF115224.D
Acq: 26 Jun 2019 17:40

Tgt Ion:276 Resp: 1702056
Ion Ratio Lower Upper
276 100
138 28.3 23.2 34.8
277 25.7 20.1 30.1



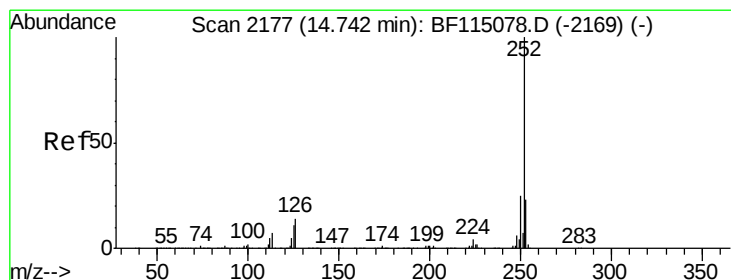
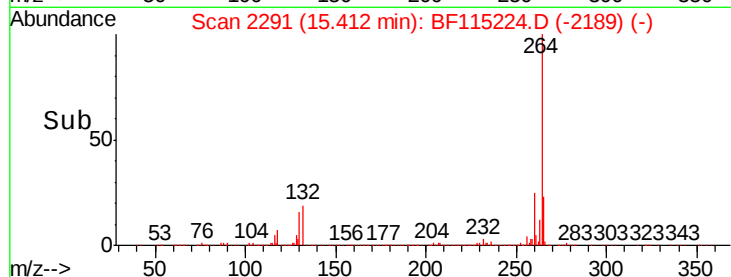
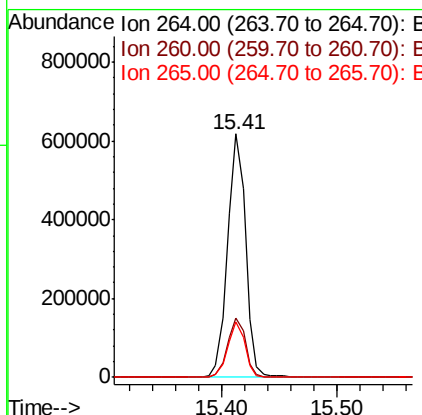
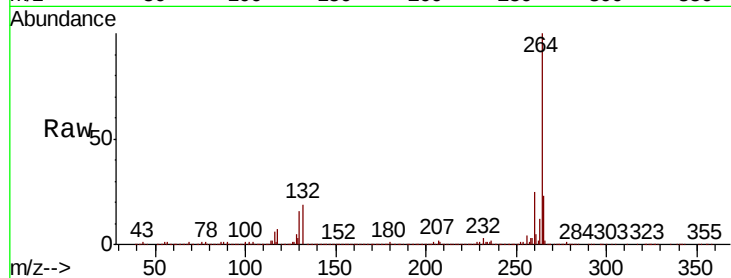


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.41 min Scan# 2291
Delta R.T. 0.30 min
Lab File: BF115224.D
Acq: 26 Jun 2019 17:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 671671

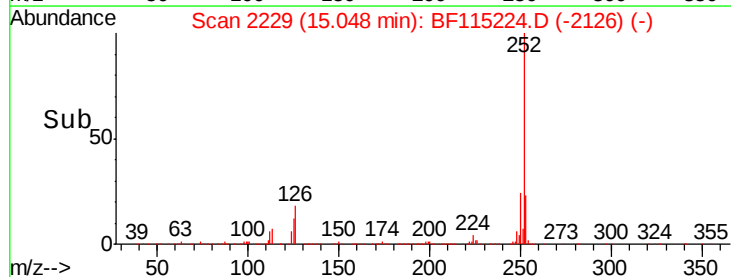
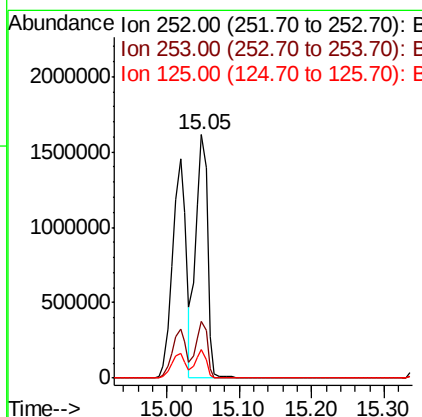
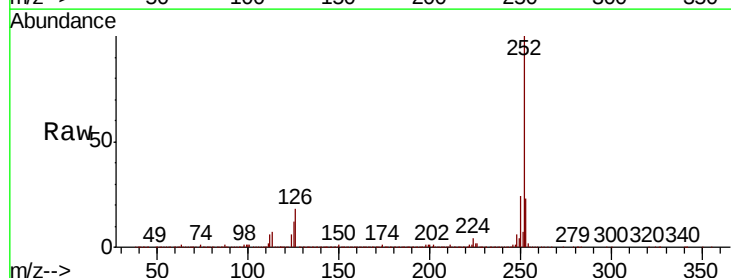
Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.6	29.4
265	22.7	17.3	25.9

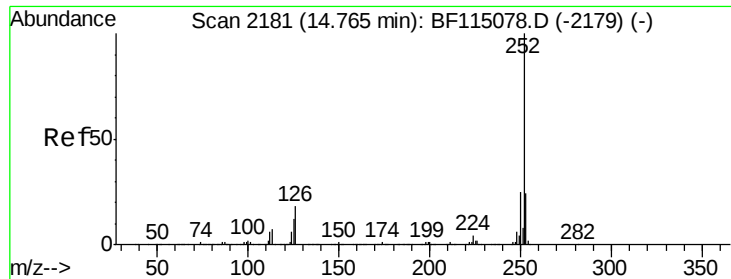


#88
Benzo(b)fluoranthene
Concen: 43.606 ng
RT: 15.05 min Scan# 2229
Delta R.T. 0.31 min
Lab File: BF115224.D
Acq: 26 Jun 2019 17:40

Tgt Ion:252 Resp: 1827545

Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.1	27.1
125	11.9	8.7	13.1

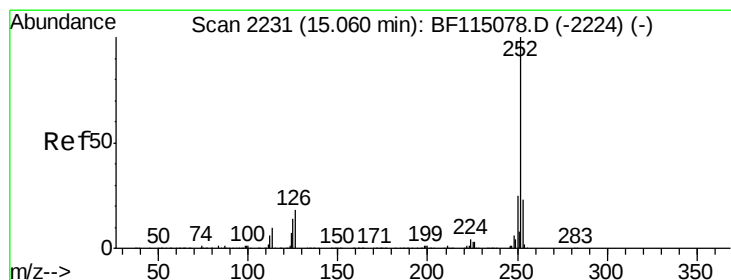
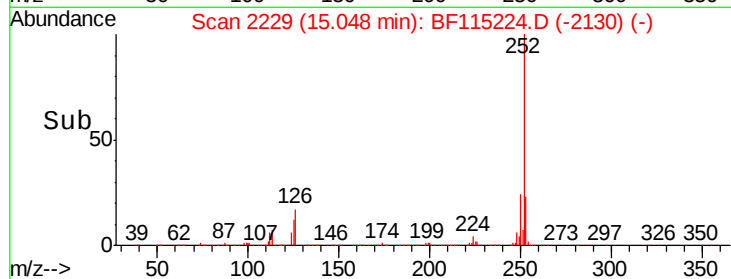
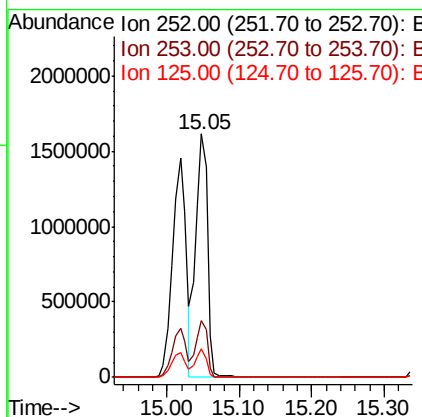
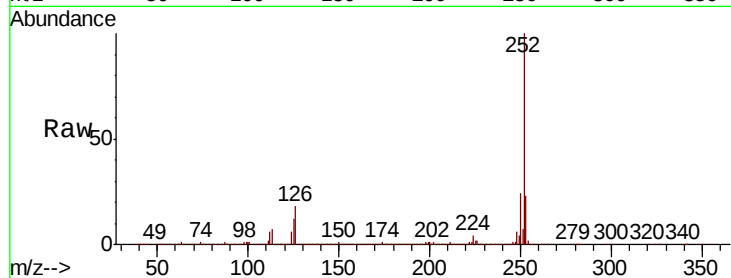




#89
Benzo(k)fluoranthene
Concen: 48.625 ng
RT: 15.05 min Scan# 2229
Delta R.T. 0.28 min
Lab File: BF115224.D
Acq: 26 Jun 2019 17:40

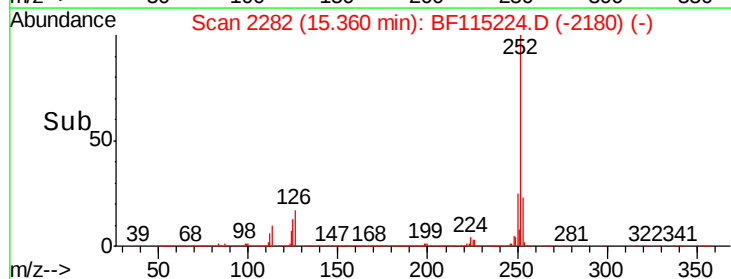
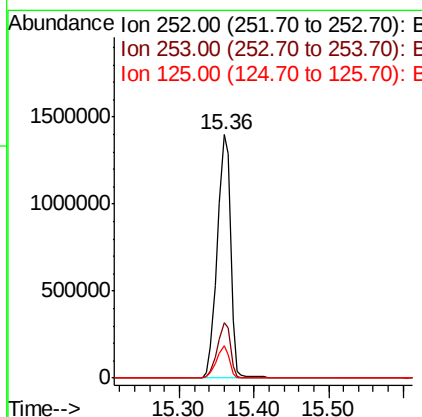
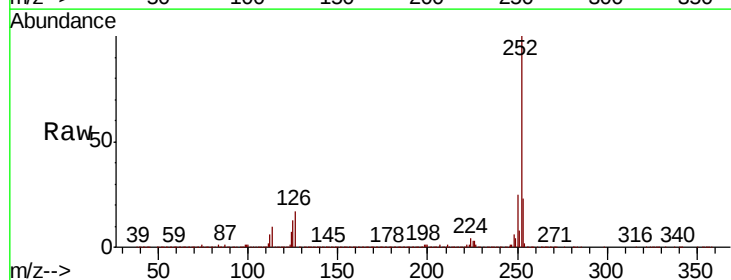
Instrument :
BNA_F
ClientSampleId :

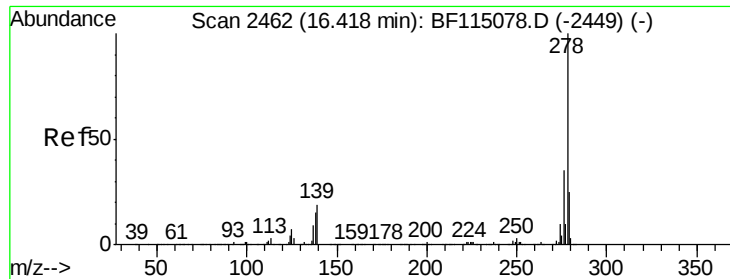
Tot Ion:252 Resp: 1827545
Ion Ratio Lower Upper
252 100
253 23.1 18.9 28.3
125 11.9 10.2 15.2



#90
Benzo(a)pyrene
Concen: 45.605 ng
RT: 15.36 min Scan# 2282
Delta R.T. 0.30 min
Lab File: BF115224.D
Acq: 26 Jun 2019 17:40

Tgt Ion:252 Resp: 1722694
Ion Ratio Lower Upper
252 100
253 22.9 18.3 27.5
125 13.3 10.9 16.3





#91

Dibenzo(a,h)anthracene

Concen: 41.507 ng

RT: 16.74 min Scan# 2517

Delta R.T. 0.32 min

Lab File: BF115224.D

Acq: 26 Jun 2019 17:40

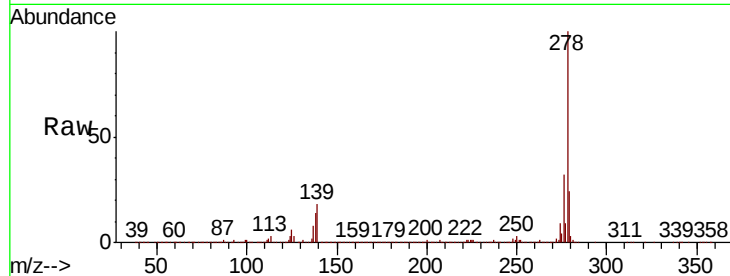
Instrument :

BNA_F

ClientSampleId :

Tot Ion:278 Resp: 1463737

Ion	Ratio	Lower	Upper
278	100		
139	17.6	15.4	23.2
279	24.4	19.9	29.9

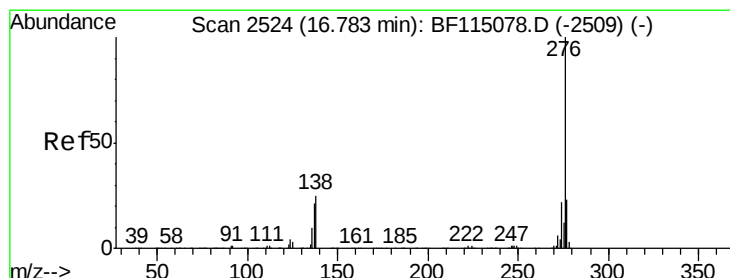
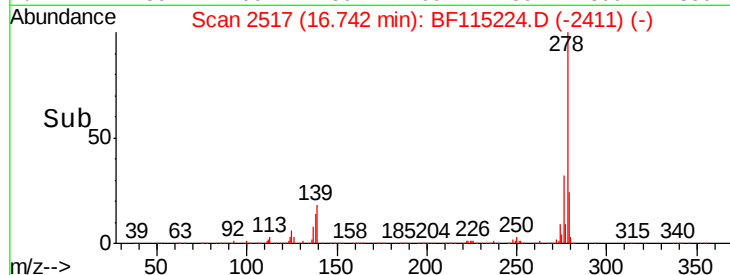
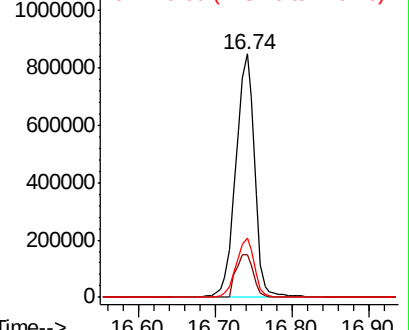


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 37.638 ng

RT: 17.11 min Scan# 2579

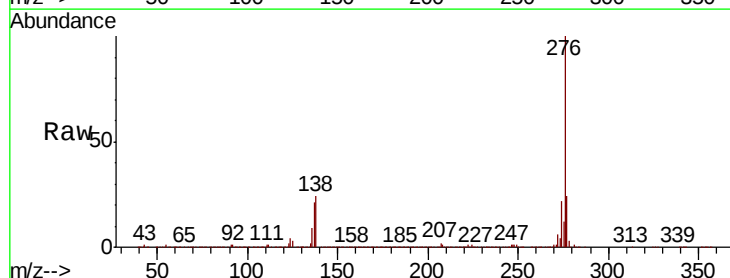
Delta R.T. 0.32 min

Lab File: BF115224.D

Acq: 26 Jun 2019 17:40

Tgt Ion:276 Resp: 1343383

Ion	Ratio	Lower	Upper
276	100		
277	23.8	18.6	28.0
138	24.1	19.8	29.6



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

