

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040320\
 Data File : BF119724.D
 Acq On : 3 Apr 2020 17:29
 Operator : MA/SJ
 Sample : L2101-01MS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 239-WC-S-SB-01MS

Quant Time: Apr 03 18:18:22 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 01 11:59:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	211538	20.00	ng	-0.01
21) Naphthalene-d8	8.09	136	822934	20.00	ng	-0.01
39) Acenaphthene-d10	9.85	164	427151	20.00	ng	-0.01
64) Phenanthrene-d10	11.34	188	813773	20.00	ng	-0.01
76) Chrysene-d12	13.98	240	581892	20.00	ng	-0.02
87) Perylene-d12	15.43	264	532256	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.44	112	1846630	138.97	ng	0.02
7) Phenol-d6	6.45	99	2158316	127.15	ng	0.00
23) Nitrobenzene-d5	7.37	82	1563877	103.28	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	725536	164.64	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	2898731	100.54	ng	0.00
79) Terphenyl-d14	12.93	244	3261517	109.81	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.75	88	275799	42.023	ng	# 83
3) Pyridine	3.45	79	452210	25.011	ng	92
4) n-Nitrosodimethylamine	3.36	42	393124	44.586	ng	88
6) Aniline	6.47	93	236963	10.115	ng	96
8) 2-Chlorophenol	6.59	128	805951	57.747	ng	97
9) Benzaldehyde	6.35	77	211125	19.606	ng	99
10) Phenol	6.46	94	846371	46.728	ng	95
11) bis(2-Chloroethyl)ether	6.54	93	801208	55.308	ng	98
12) 1,3-Dichlorobenzene	6.75	146	797024	52.765	ng	99
13) 1,4-Dichlorobenzene	6.82	146	807017	53.413	ng	99
14) 1,2-Dichlorobenzene	6.97	146	744971	52.751	ng	99
15) Benzyl Alcohol	6.95	79	654995	51.296	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.08	45	1325173	45.352	ng	97
17) 2-Methylphenol	7.06	107	639586	50.017	ng	97
18) Hexachloroethane	7.32	117	303923	54.890	ng	99
19) n-Nitroso-di-n-propylamine	7.23	70	549394	53.696	ng	97
20) 3+4-Methylphenols	7.22	107	773774	49.375	ng	# 83
22) Acetophenone	7.22	105	1060737	53.944	ng	# 89
24) Nitrobenzene	7.39	77	834871	51.592	ng	96
25) Isophorone	7.63	82	1561146	50.825	ng	99
26) 2-Nitrophenol	7.70	139	442616	69.468	ng	94
27) 2,4-Dimethylphenol	7.75	122	718496	54.536	ng	98
28) bis(2-Chloroethoxy)methane	7.84	93	970863	53.452	ng	100
29) 2,4-Dichlorophenol	7.95	162	674558	55.724	ng	98
30) 1,2,4-Trichlorobenzene	8.03	180	706307	52.759	ng	98
31) Naphthalene	8.12	128	2306504	54.464	ng	99
32) Benzoic acid	7.88	122	358167	42.263	ng	94
33) 4-Chloroaniline	8.16	127	95826	4.938	ng	97
34) Hexachlorobutadiene	8.23	225	394225	52.631	ng	98
35) Caprolactam	8.54	113	100562	25.383	ng	94
36) 4-Chloro-3-methylphenol	8.65	107	723041	54.649	ng	99
37) 2-Methylnaphthalene	8.80	142	1542671	55.505	ng	99
38) 1-Methylnaphthalene	8.90	142	1457026	55.386	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	648155	51.769	ng	99

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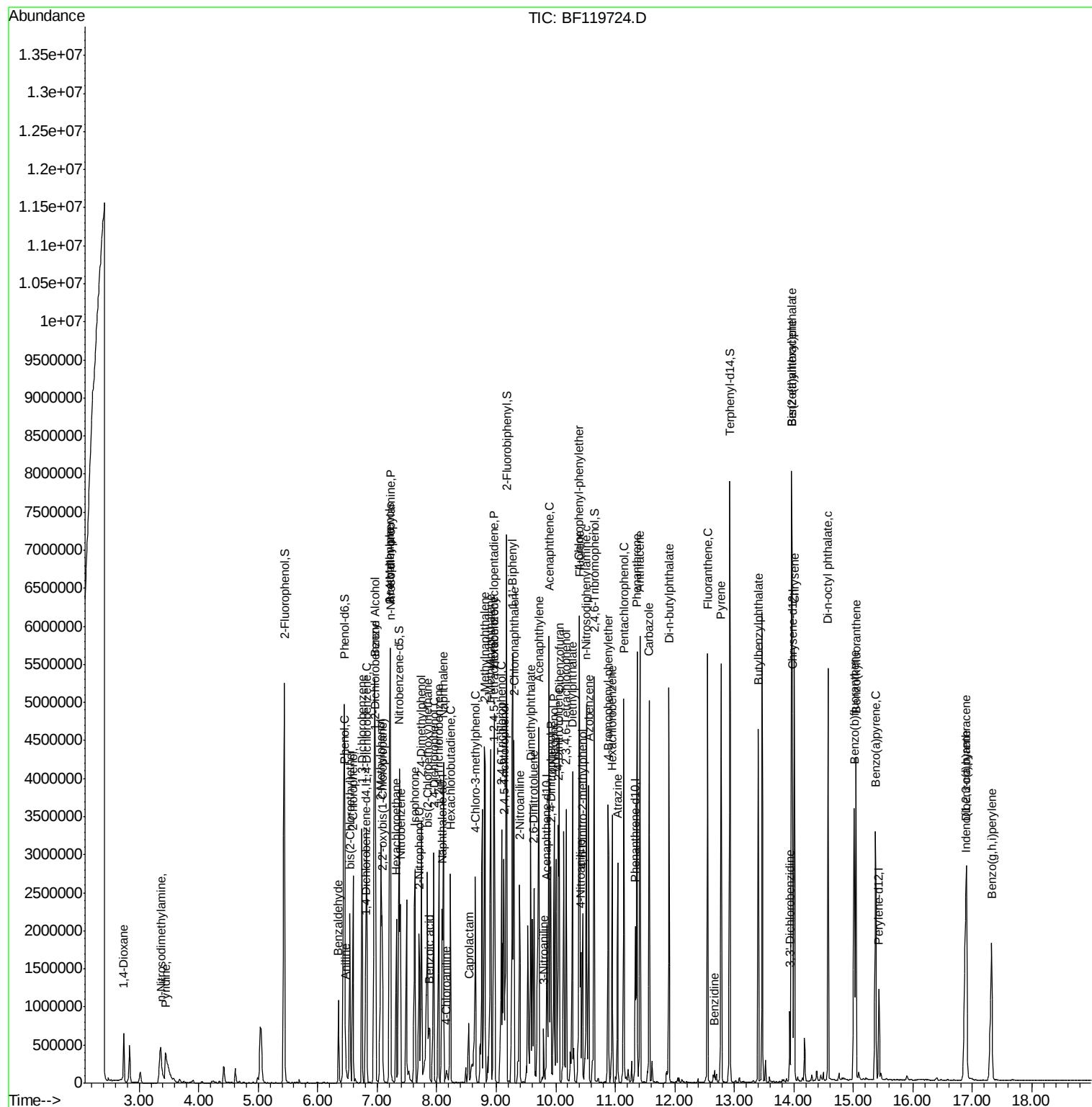
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	760387	106.828	nq	99
43) 2,4,6-Trichlorophenol	9.09	196	549245	61.302	nq	100
44) 2,4,5-Trichlorophenol	9.13	196	476872	47.512	nq	98
46) 1,1'-Biphenyl	9.27	154	1813719	52.134	nq	99
47) 2-Chloronaphthalene	9.30	162	1429696	52.464	nq	98
48) 2-Nitroaniline	9.39	65	509869	54.207	nq	97
49) Acenaphthylene	9.72	152	2232847	52.177	nq	99
50) Dimethylphthalate	9.58	163	1448494	47.741	nq	100
51) 2,6-Dinitrotoluene	9.64	165	390998	60.123	nq	94
52) Acenaphthene	9.89	154	1406810	52.732	nq	99
53) 3-Nitroaniline	9.80	138	111286	13.554	nq	100
54) 2,4-Dinitrophenol	9.92	184	458211	155.301	nq	98
55) Dibenzofuran	10.06	168	2027601	53.010	nq	100
56) 4-Nitrophenol	9.97	139	608444	93.940	nq	95
57) 2,4-Dinitrotoluene	10.05	165	519031	63.355	nq	90
58) Fluorene	10.40	166	1542085	54.519	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.17	232	413889	55.167	nq	98
60) Diethylphthalate	10.28	149	1700028	55.206	nq	98
61) 4-Chlorophenyl-phenylether	10.39	204	731456	52.882	nq	98
62) 4-Nitroaniline	10.43	138	368737	46.834	nq	91
63) Azobenzene	10.55	77	1599721	51.587	nq	98
65) 4,6-Dinitro-2-methylphenol	10.45	198	293772	86.090	nq	93
66) n-Nitrosodiphenylamine	10.52	169	1363578	51.042	nq	99
67) 4-Bromophenyl-phenylether	10.89	248	488802	52.742	nq	92
68) Hexachlorobenzene	10.95	284	529621	55.835	nq	93
69) Atrazine	11.04	200	327513	44.718	nq	99
70) Pentachlorophenol	11.15	266	608714	109.445	nq	98
71) Phenanthrene	11.36	178	2303104	54.581	nq	100
72) Anthracene	11.42	178	2303095	53.703	nq	99
73) Carbazole	11.57	167	2110101	49.710	nq	99
74) Di-n-butylphthalate	11.90	149	2599652	57.250	nq	99
75) Fluoranthene	12.55	202	2471738	54.126	nq	99
77) Benzidine	12.67	184	58869	2.391	nq	99
78) Pyrene	12.78	202	2499610	52.342	nq	99
80) Butylbenzylphthalate	13.40	149	1106467	57.286	nq	98
81) Benzo(a)anthracene	13.97	228	1951280	51.567	nq	98
82) 3,3'-Dichlorobenzidine	13.93	252	199091	13.344	nq	# 99
83) Chrysene	14.01	228	2034301	52.092	nq	100
84) Bis(2-ethylhexyl)phthalate	13.96	149	1411117	61.286	nq	98
85) Di-n-octyl phthalate	14.57	149	2548333	62.931	nq	98
86) Indeno(1,2,3-cd)pyrene	16.88	276	1965802	53.449	nq	99
88) Benzo(b)fluoranthene	15.02	252	2085271	58.650	nq	99
89) Benzo(k)fluoranthene	15.04	252	1836952	54.259	nq	99
90) Benzo(a)pyrene	15.37	252	1753059	54.255	nq	99
91) Dibenzo(a,h)anthracene	16.90	278	1616000	57.180	nq	100
92) Benzo(g,h,i)perylene	17.32	276	1610505	56.723	nq	97

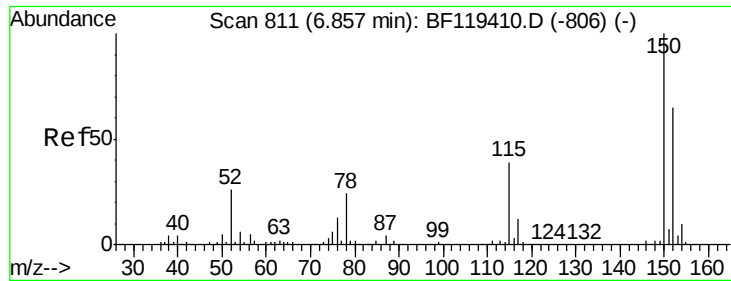
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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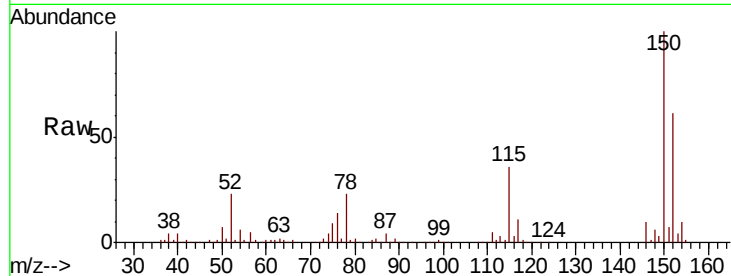


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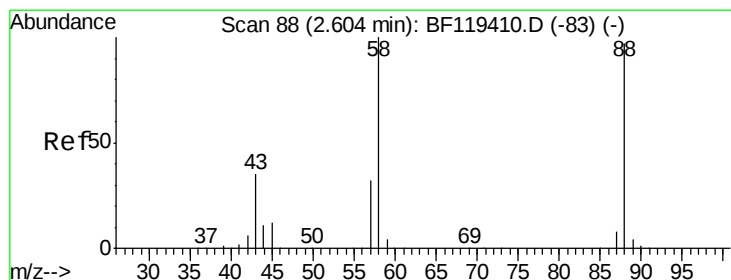
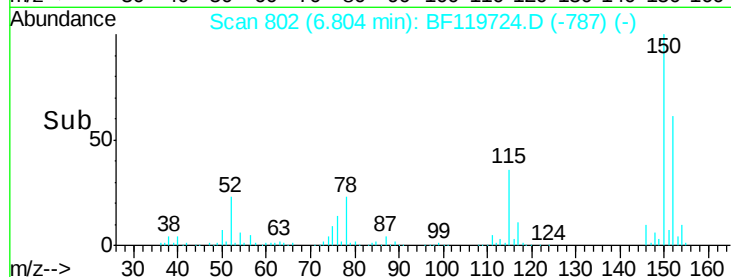
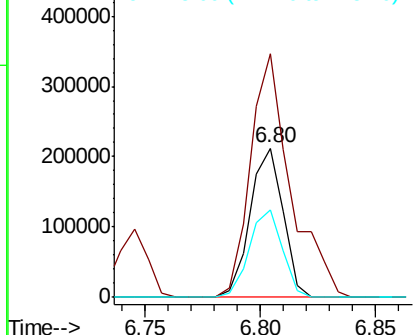
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.01 min
Lab File: BF119724.D
Acq: 3 Apr 2020 17:29

Instrument :
BNA_F
ClientSampleId :
239-WC-S-SB-01MS

Tot Ion:152 Resp: 211538
Ion Ratio Lower Upper
152 100
150 163.1 124.5 186.7
115 58.2 49.6 74.4



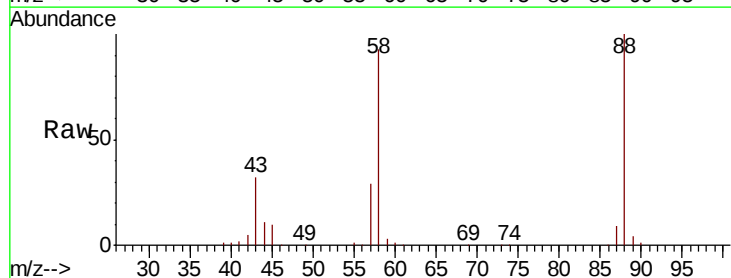
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



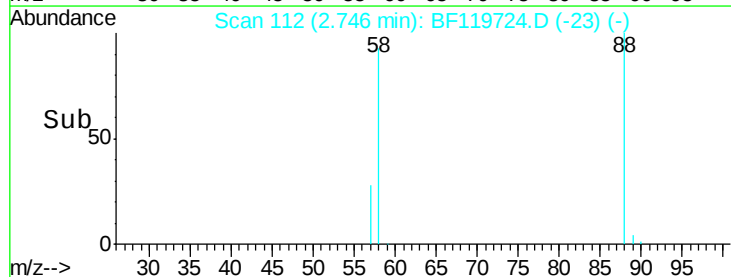
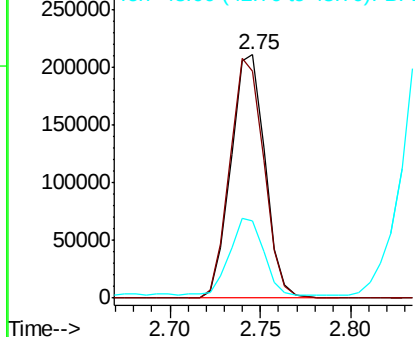
#2

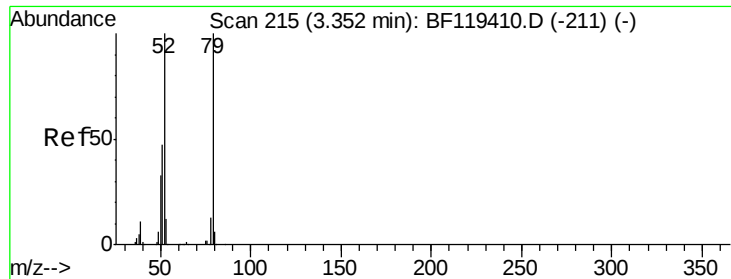
1,4-Dioxane
Concen: 42.023 ng
RT: 2.75 min Scan# 112
Delta R.T. 0.22 min
Lab File: BF119724.D
Acq: 3 Apr 2020 17:29

Tgt Ion: 88 Resp: 275799
Ion Ratio Lower Upper
88 100
58 97.8 80.6 121.0
43 0.0 27.5 41.3#



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: 25.011 ng

RT: 3.45 min Scan# 231

Delta R.T. 0.19 min

Lab File: BF119724.D

Acq: 3 Apr 2020 17:29

Instrument :

BNA_F

ClientSampleId :

239-WC-S-SB-01MS

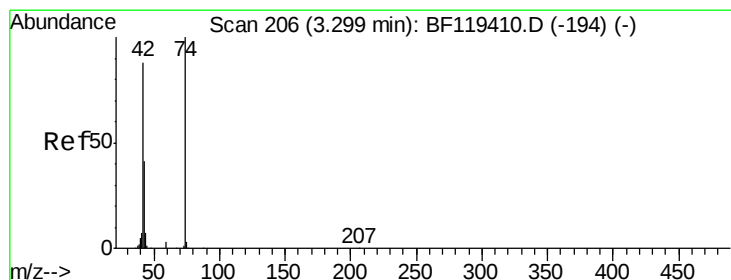
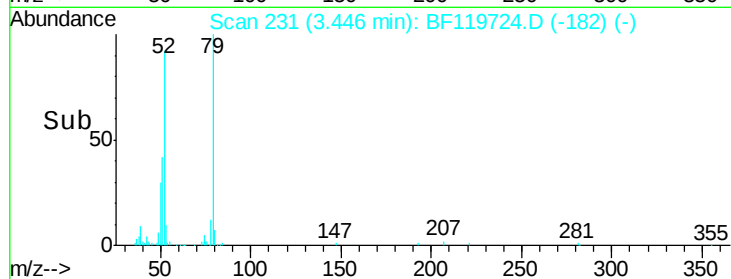
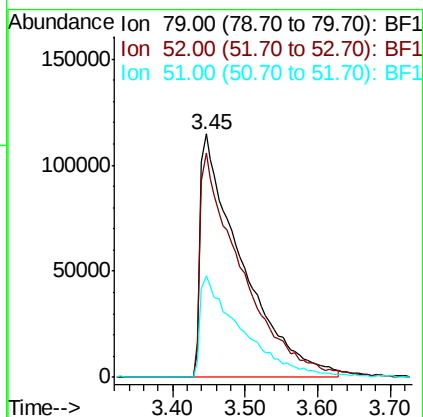
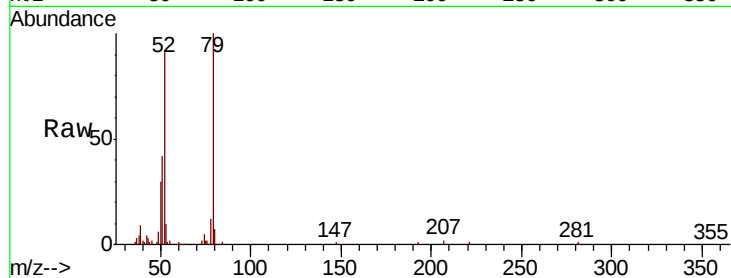
Tot Ion: 79 Resp: 452210

Ion Ratio Lower Upper

79 100

52 92.1 80.2 120.2

51 41.9 37.7 56.5



#4

n-Nitrosodimethylamine

Concen: 44.586 ng

RT: 3.36 min Scan# 217

Delta R.T. 0.15 min

Lab File: BF119724.D

Acq: 3 Apr 2020 17:29

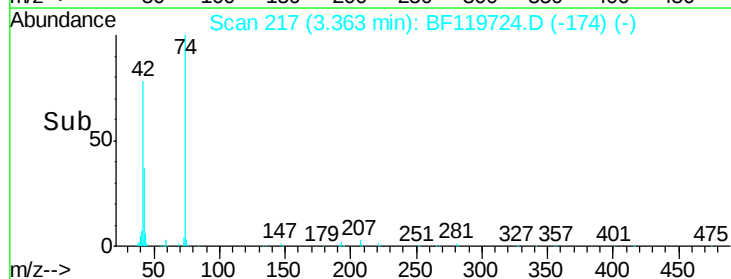
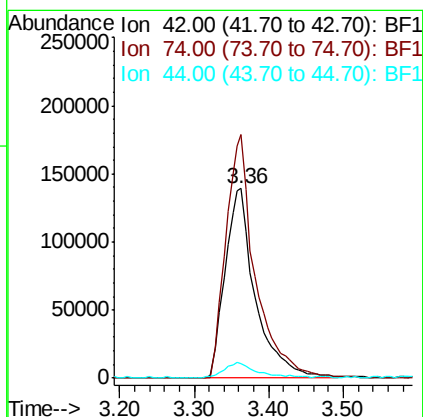
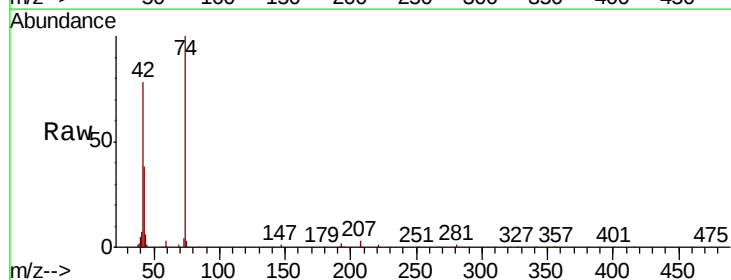
Tgt Ion: 42 Resp: 393124

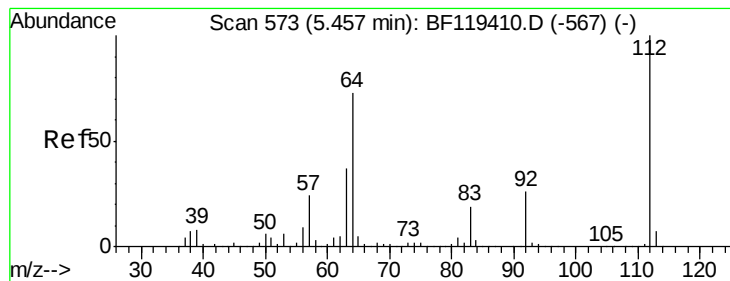
Ion Ratio Lower Upper

42 100

74 128.4 91.5 137.3

44 7.7 6.2 9.4





#5

2-Fluorophenol

Concen: 138.966 ng

RT: 5.44 min Scan# 570

Delta R.T. 0.02 min

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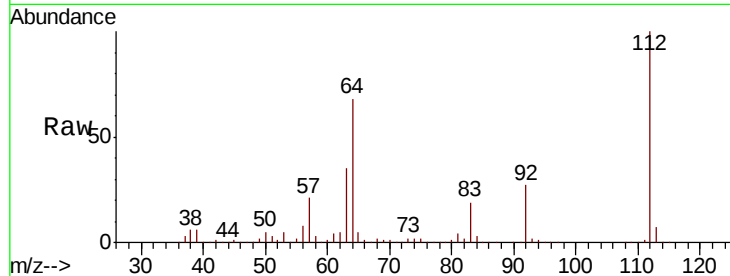
Tot Ion:112 Resp: 1846630

Ion Ratio Lower Upper

112 100

64 68.2 56.7 85.1

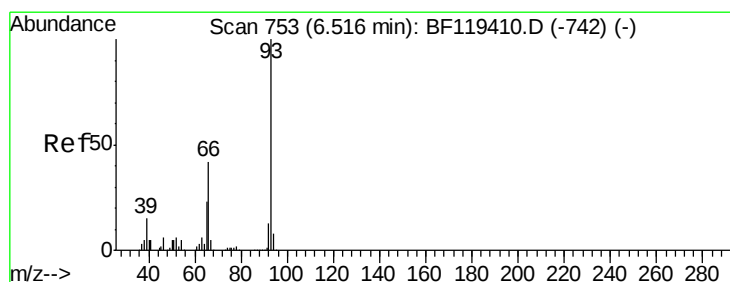
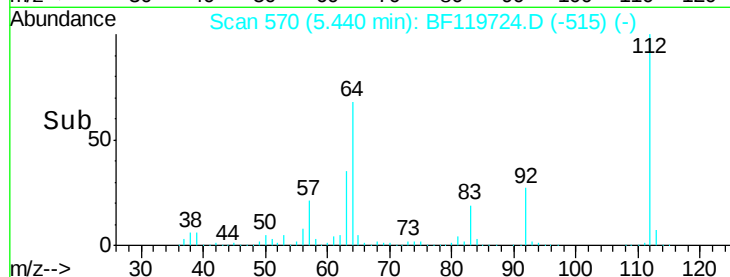
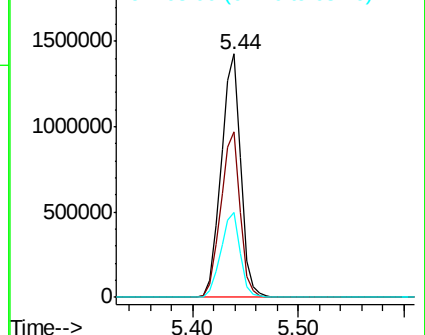
63 34.7 29.5 44.3



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: 10.115 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF119724.D

Acq: 3 Apr 2020 17:29

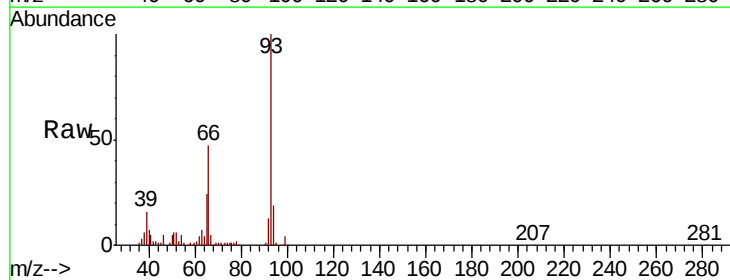
Tgt Ion: 93 Resp: 236963

Ion Ratio Lower Upper

93 100

66 46.7 34.9 52.3

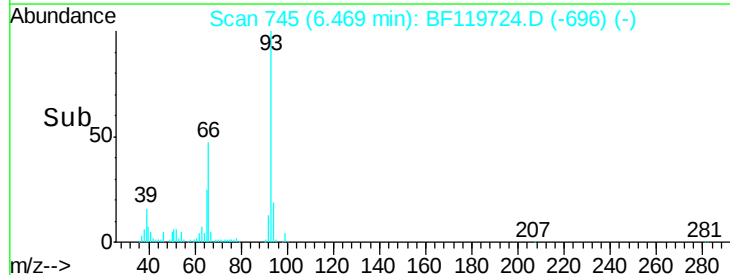
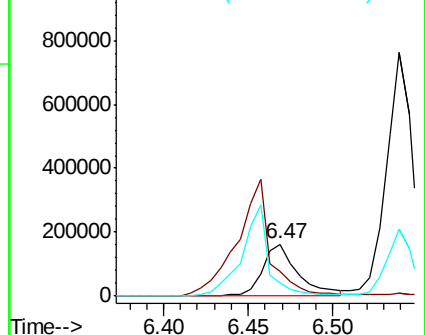
65 24.5 18.6 27.8

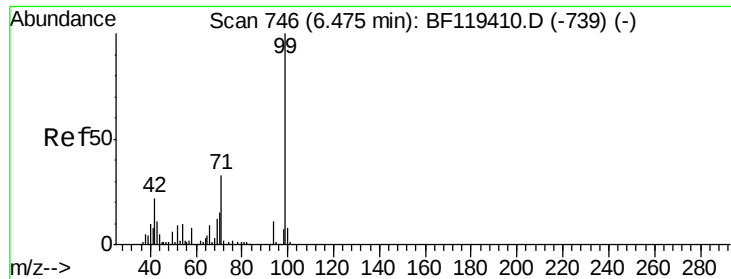


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 127.147 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.00 min

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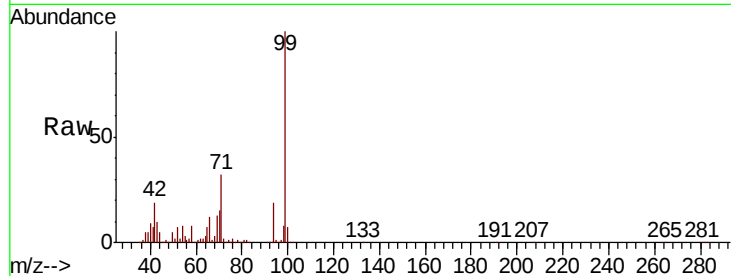
Tot Ion: 99 Resp: 2158316

Ion Ratio Lower Upper

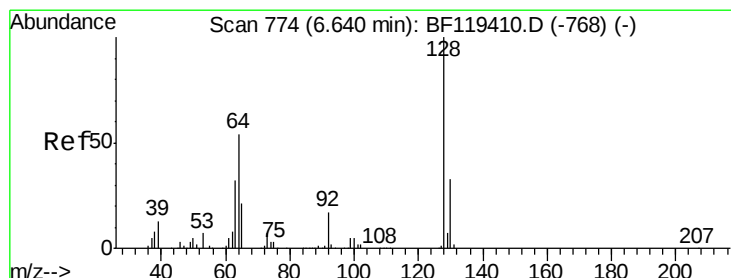
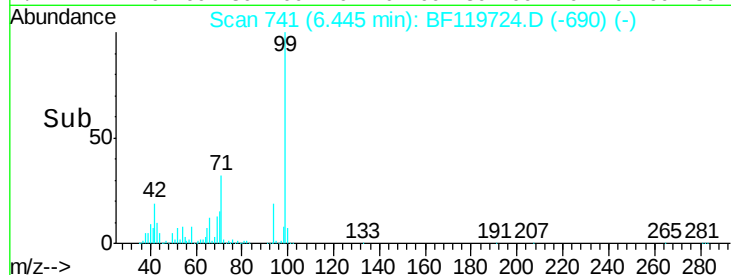
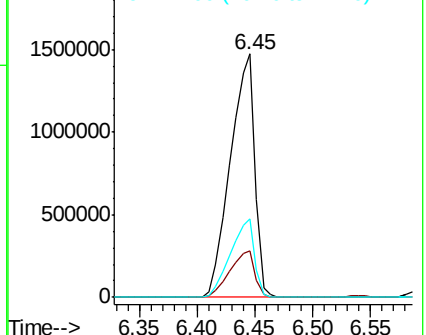
99 100

42 19.2 16.6 24.8

71 32.1 26.4 39.6



Abundance Ion 99.00 (98.70 to 99.70): BF1
2000000 Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 57.747 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.01 min

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Acq: 3 Apr 2020 17:29

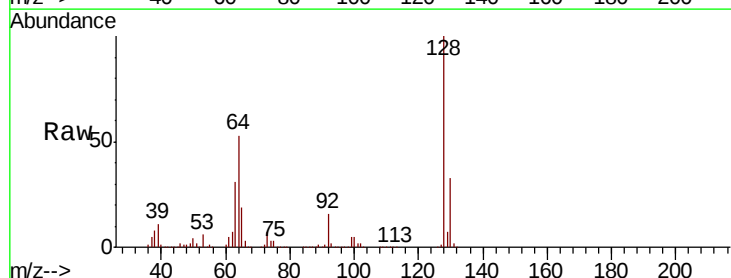
Tgt Ion:128 Resp: 805951

Ion Ratio Lower Upper

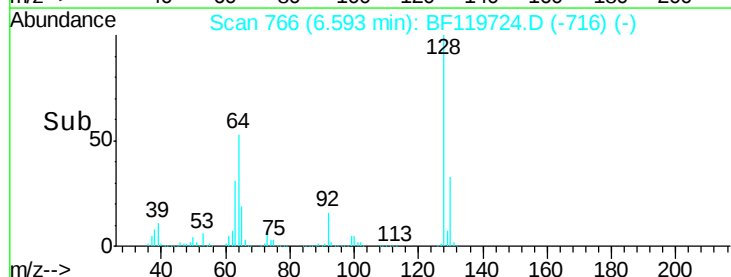
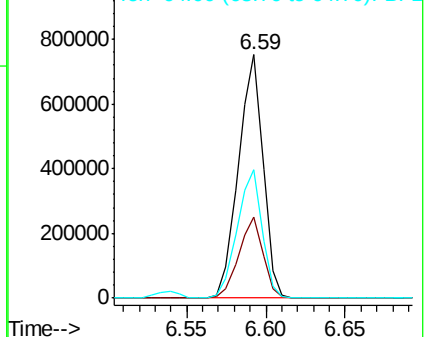
128 100

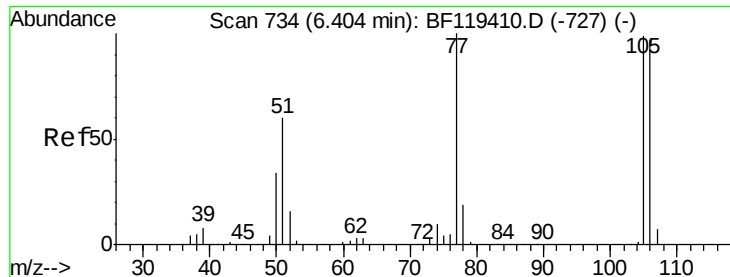
130 33.4 12.6 52.6

64 52.8 35.3 75.3



Abundance Ion 128.00 (127.70 to 128.70): E
1000000 Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 19.606 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

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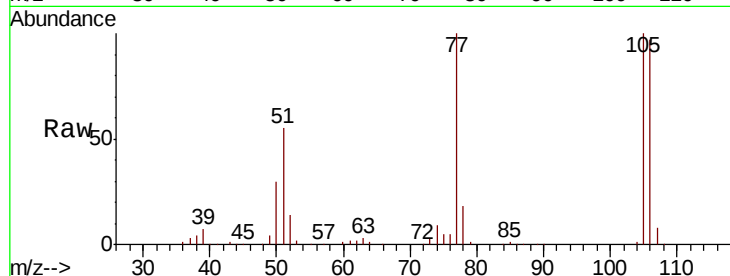
Tot Ion: 77 Resp: 211125

Ion Ratio Lower Upper

77 100

105 100.1 80.9 120.9

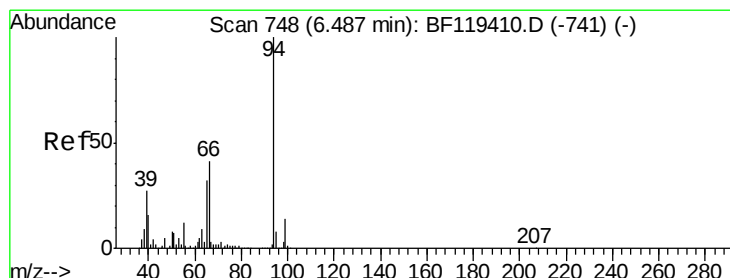
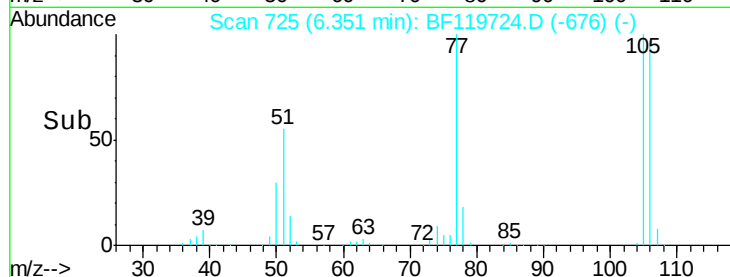
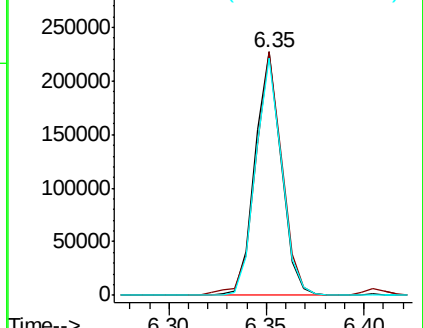
106 97.5 77.9 117.9



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: 46.728 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.00 min

Lab File: BF119724.D

Acq: 3 Apr 2020 17:29

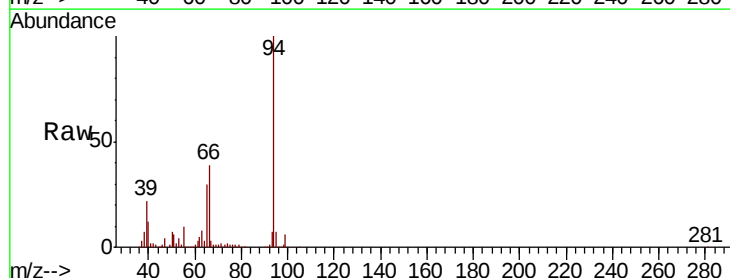
Tgt Ion: 94 Resp: 846371

Ion Ratio Lower Upper

94 100

65 30.2 13.2 53.2

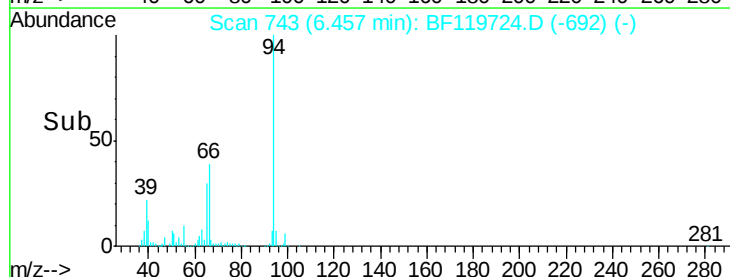
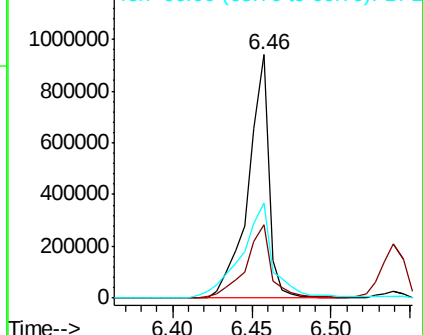
66 38.9 22.3 62.3

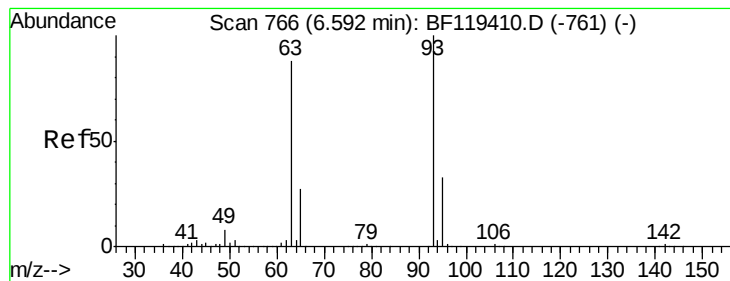


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

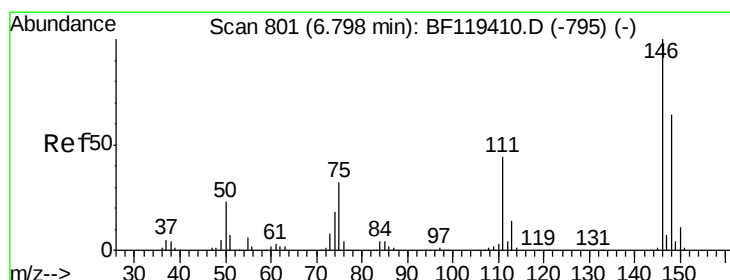
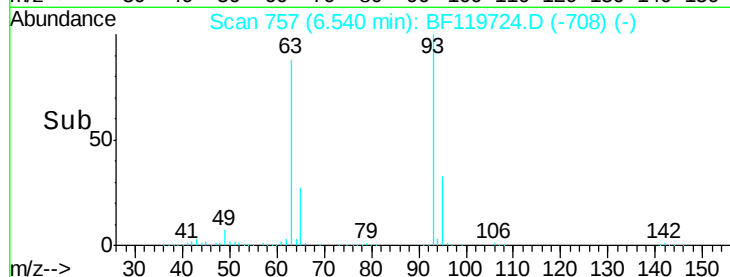
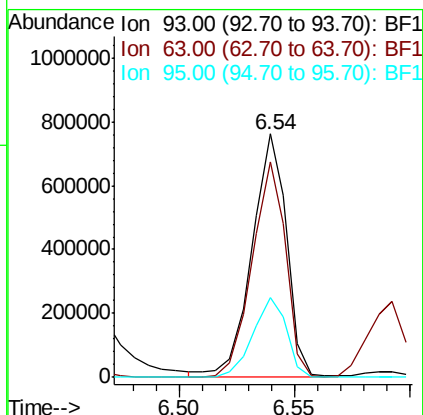
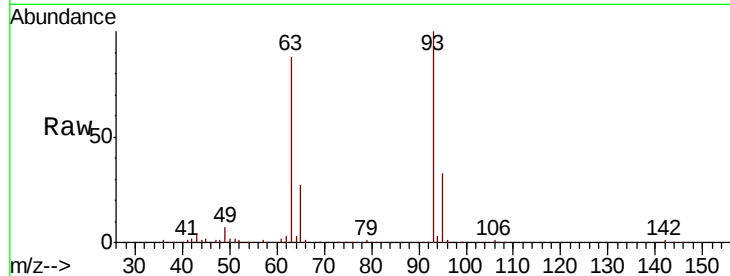




#11
bis(2-Chloroethyl)ether
Concen: 55.308 ng
RT: 6.54 min Scan# 757
Delta R.T. -0.01 min
Lab File: BF119724.D
Acq: 3 Apr 2020 17:29

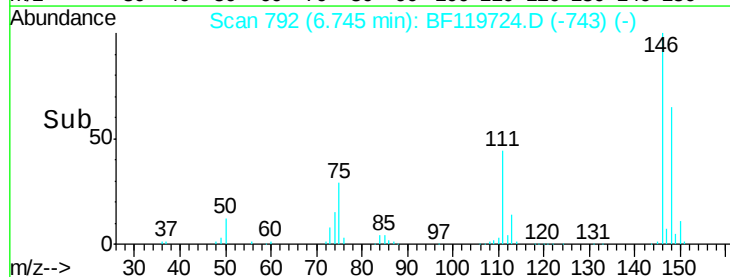
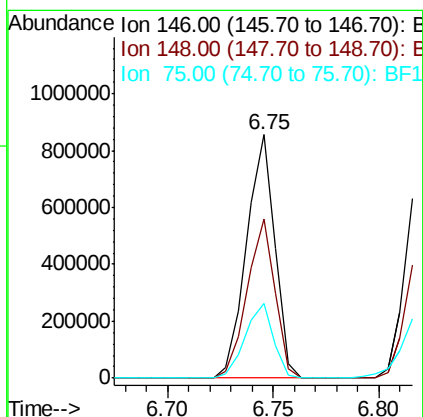
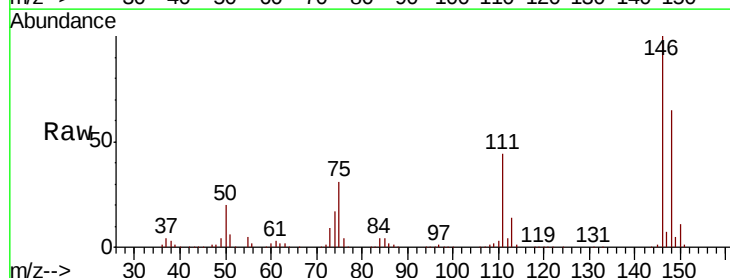
Instrument :
BNA_F
ClientSampleId :
239-WC-S-SB-01MS

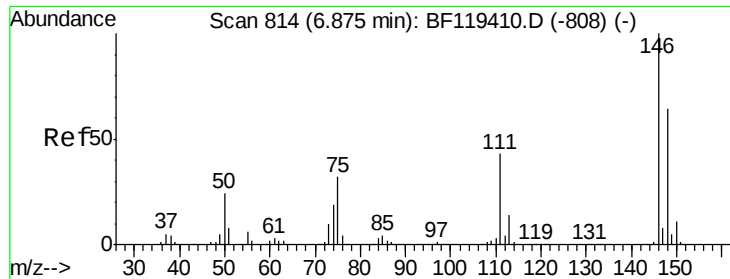
Tot Ion: 93 Resp: 801208
Ion Ratio Lower Upper
93 100
63 88.5 70.2 110.2
95 32.6 13.4 53.4



#12
1,3-Dichlorobenzene
Concen: 52.765 ng
RT: 6.75 min Scan# 792
Delta R.T. -0.01 min
Lab File: BF119724.D
Acq: 3 Apr 2020 17:29

Tgt Ion: 146 Resp: 797024
Ion Ratio Lower Upper
146 100
148 65.1 52.2 78.4
75 30.5 23.0 34.4

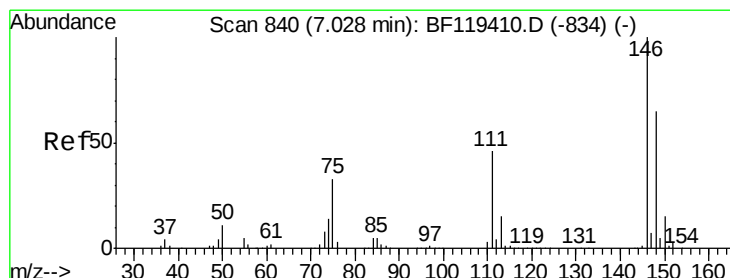
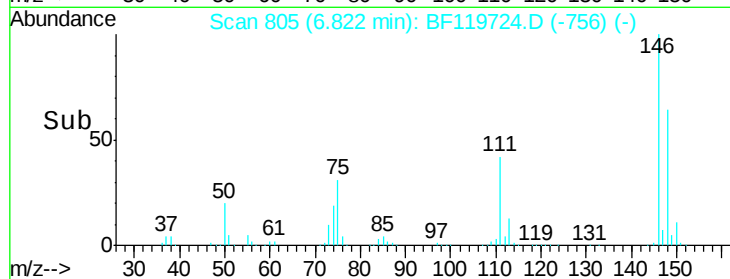
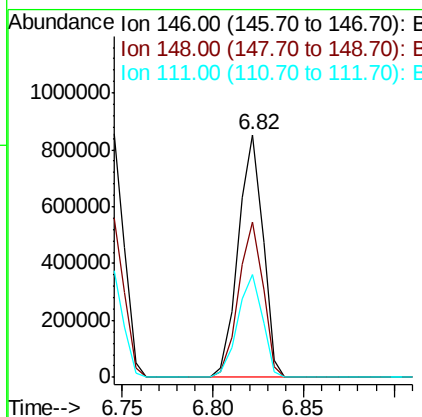
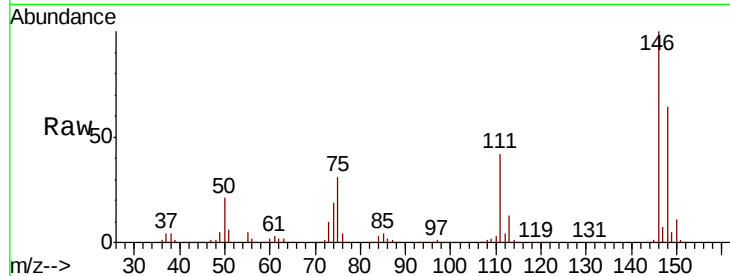




#13
 1,4-Dichlorobenzene
 Concen: 53.413 ng
 RT: 6.82 min Scan# 805
 Delta R.T. -0.01 min
 Lab File: BF119724.D
 Acq: 3 Apr 2020 17:29

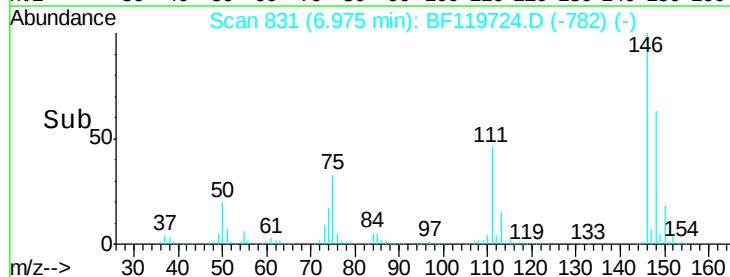
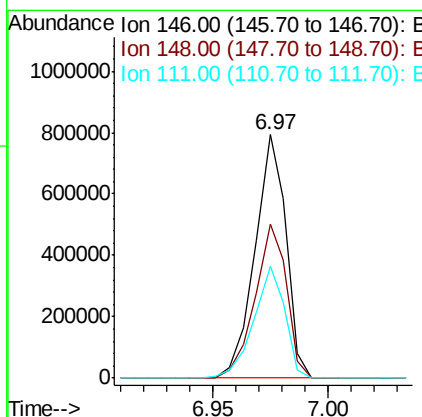
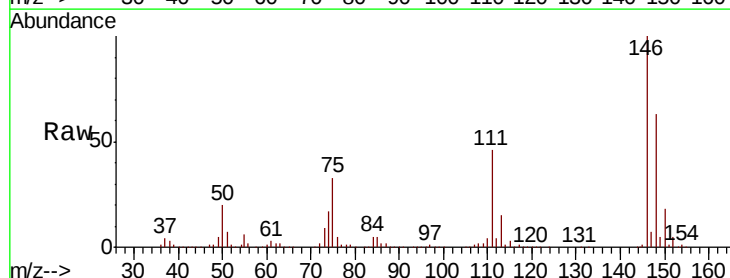
Instrument :
 BNA_F
 ClientSampleId :
 239-WC-S-SB-01MS

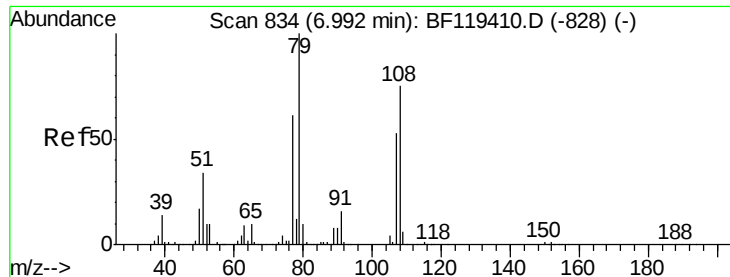
Tot Ion:146 Resp: 807017
 Ion Ratio Lower Upper
 146 100
 148 63.7 51.5 77.3
 111 42.4 33.3 49.9



#14
 1,2-Dichlorobenzene
 Concen: 52.751 ng
 RT: 6.97 min Scan# 831
 Delta R.T. -0.01 min
 Lab File: BF119724.D
 Acq: 3 Apr 2020 17:29

Tgt Ion:146 Resp: 744971
 Ion Ratio Lower Upper
 146 100
 148 63.4 50.6 75.8
 111 45.9 36.1 54.1





#15

Benzyl Alcohol

Concen: 51.296 ng

RT: 6.95 min Scan# 827

Delta R.T. -0.01 min

Lab File: BF119724.D

Acq: 3 Apr 2020 17:29

Instrument :

BNA_F

ClientSampleId :

239-WC-S-SB-01MS

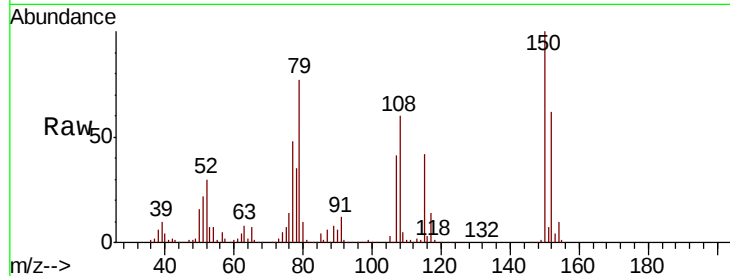
Tot Ion: 79 Resp: 654995

Ion Ratio Lower Upper

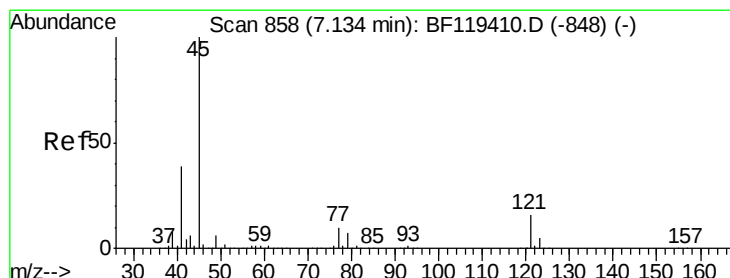
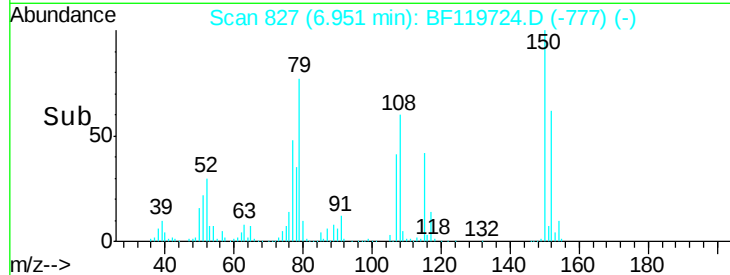
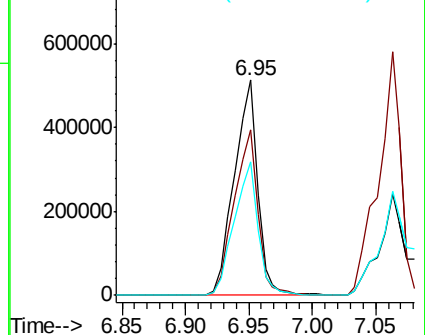
79 100

108 77.3 60.6 90.8

77 62.3 50.2 75.2



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 45.352 ng

RT: 7.08 min Scan# 849

Delta R.T. -0.01 min

Lab File: BF119724.D

Acq: 3 Apr 2020 17:29

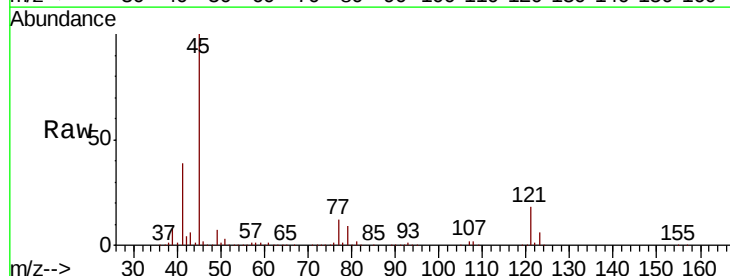
Tgt Ion: 45 Resp: 1325173

Ion Ratio Lower Upper

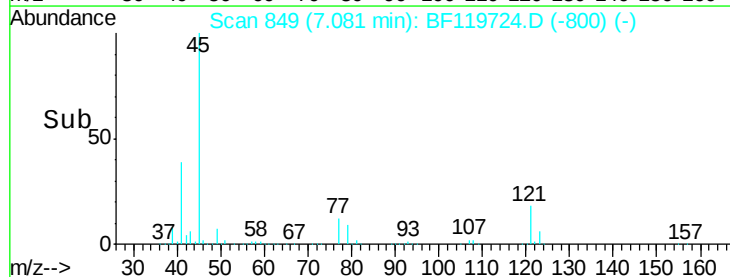
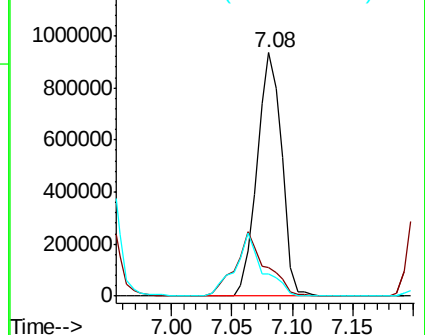
45 100

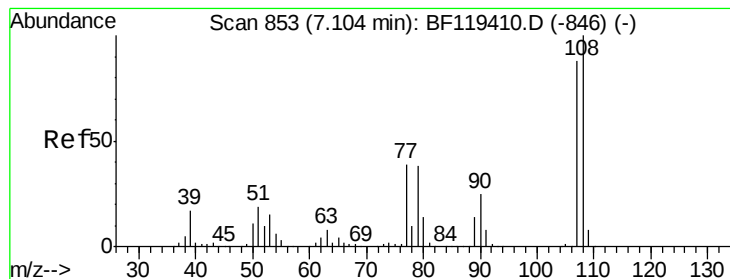
77 11.9 0.0 30.7

79 9.1 0.0 28.2



Abundance Ion 45.00 (44.70 to 45.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1





#17

2-Methylphenol

Concen: 50.017 ng

RT: 7.06 min Scan# 846

Delta R.T. -0.01 min

Lab File: BF119724.D

Acq: 3 Apr 2020 17:29

Instrument :

BNA_F

ClientSampleId :

239-WC-S-SB-01MS

Tot Ion:107 Resp: 639586

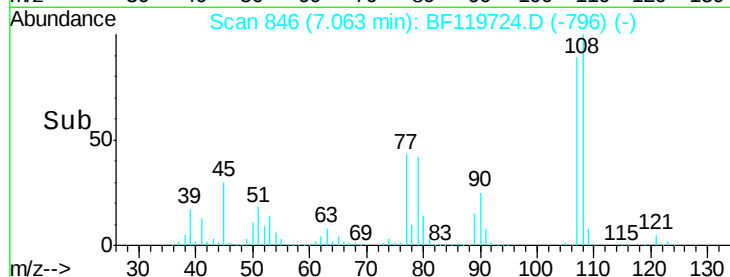
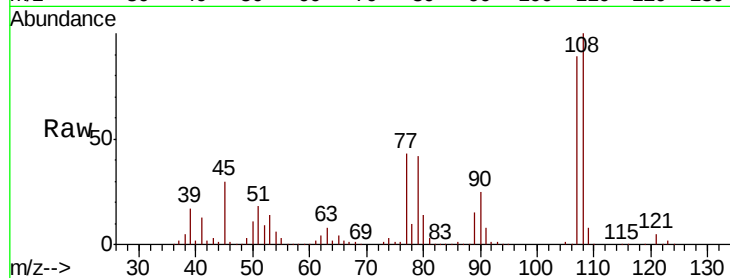
Ion Ratio Lower Upper

107 100

108 112.6 92.2 138.4

77 48.0 36.6 54.8

79 46.7 36.2 54.4

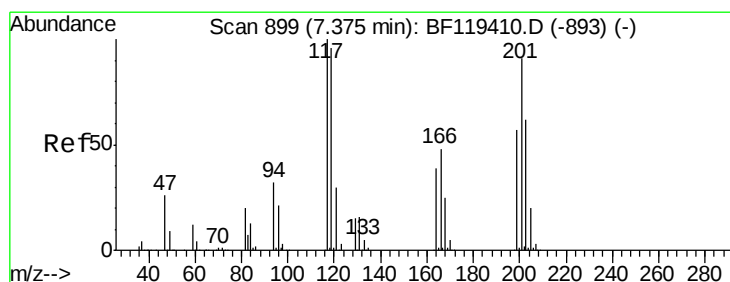
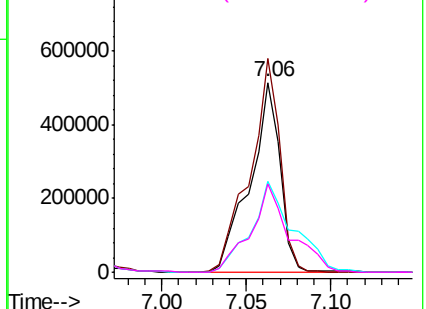


Abundance Ion 107.00 (106.70 to 107.70): E

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: 54.890 ng

RT: 7.32 min Scan# 889

Delta R.T. -0.01 min

Lab File: BF119724.D

Acq: 3 Apr 2020 17:29

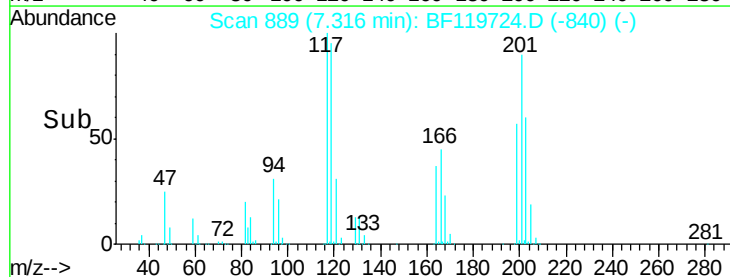
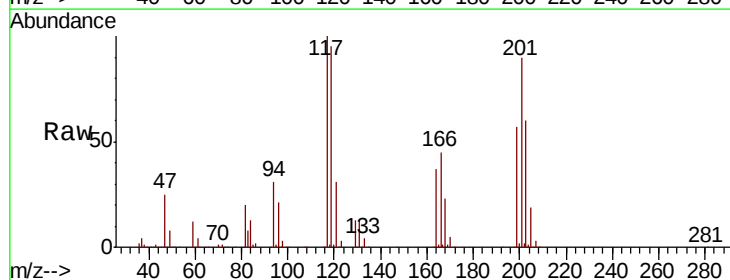
Tgt Ion:117 Resp: 303923

Ion Ratio Lower Upper

117 100

119 94.6 76.1 114.1

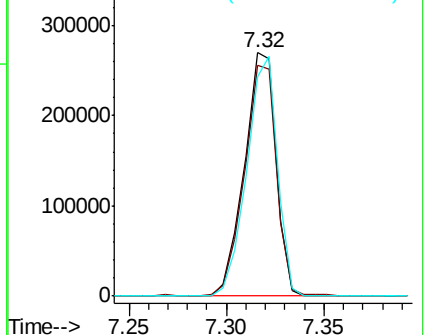
201 90.0 73.0 109.6

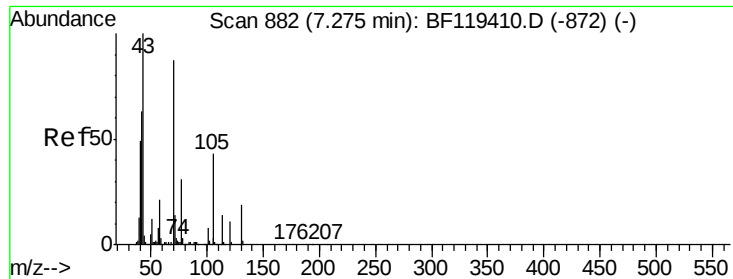


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

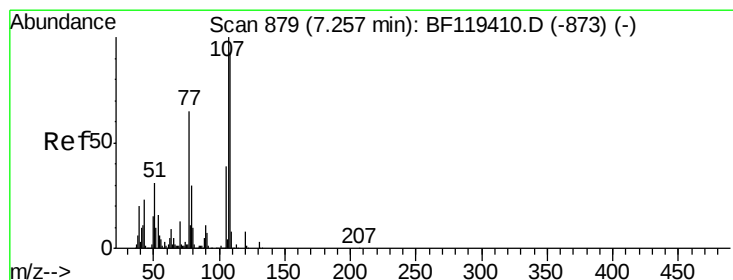
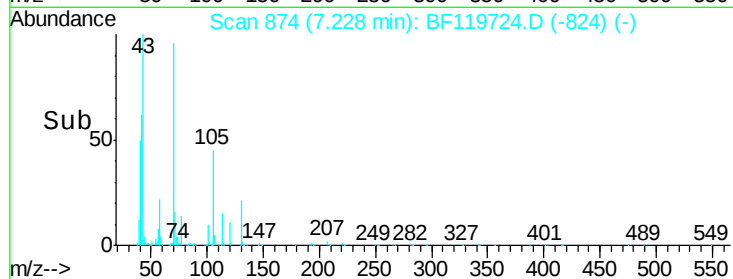
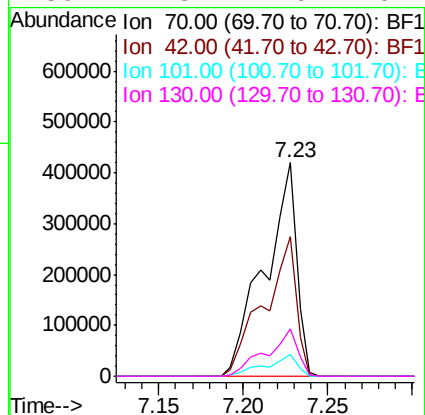
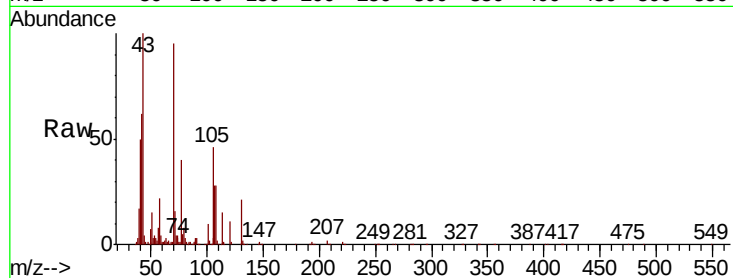




#19
n-Nitroso-di-n-propylamine
Concen: 53.696 ng
RT: 7.23 min Scan# 874
Delta R.T. -0.01 min
Lab File: BF119724.D
Acq: 3 Apr 2020 17:29

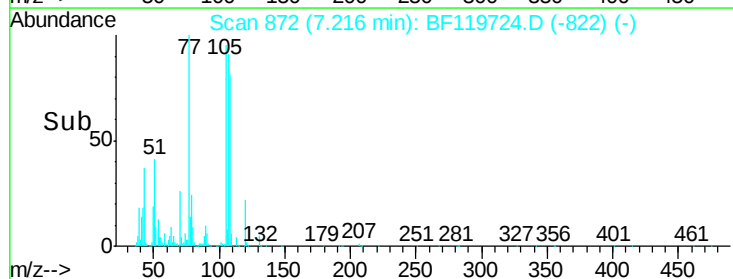
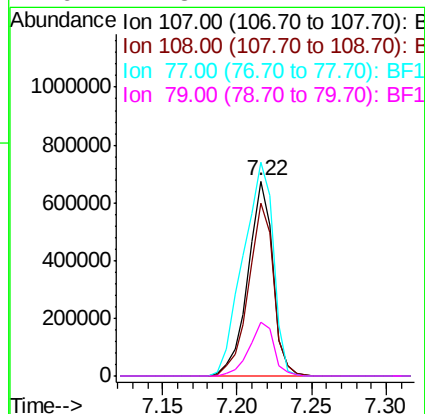
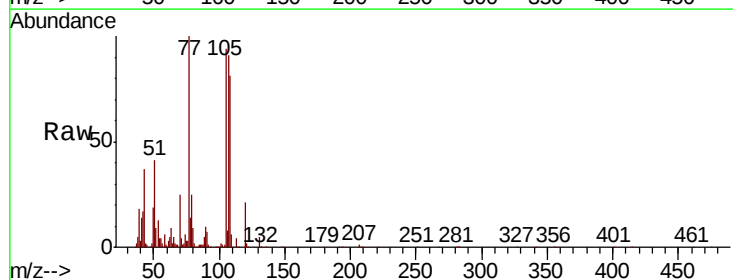
Instrument :
BNA_F
ClientSampleId :
239-WC-S-SB-01MS

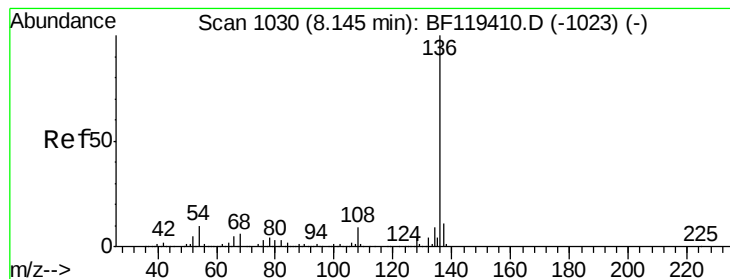
Tot Ion:	70	Resp:	549394
Ion	Ratio	Lower	Upper
70	100		
42	65.3	54.5	81.7
101	10.0	7.6	11.4
130	22.3	17.6	26.4



#20
3+4-Methylphenols
Concen: 49.375 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.01 min
Lab File: BF119724.D
Acq: 3 Apr 2020 17:29

Tgt Ion:	107	Resp:	773774
Ion	Ratio	Lower	Upper
107	100		
108	88.6	67.9	107.9
77	109.6	52.9	92.9#
79	27.3	7.7	47.7





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BF119724.D

Acq: 3 Apr 2020 17:29

Instrument :

BNA_F

ClientSampleId :

239-WC-S-SB-01MS

Tot Ion:136 Resp: 822934

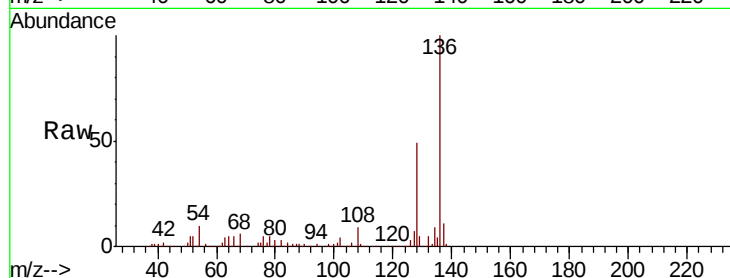
Ion Ratio Lower Upper

136 100

137 10.7 8.7 13.1

54 9.9 9.1 13.7

68 5.5 4.6 6.8

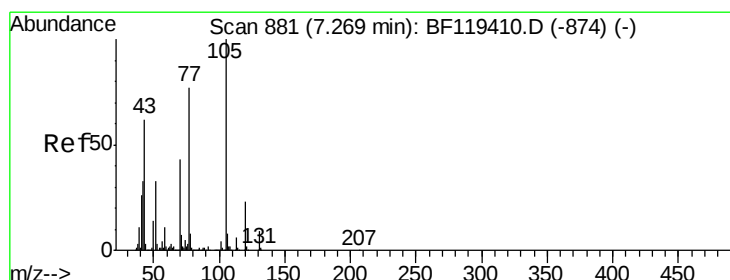
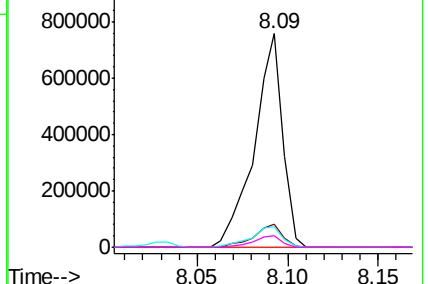
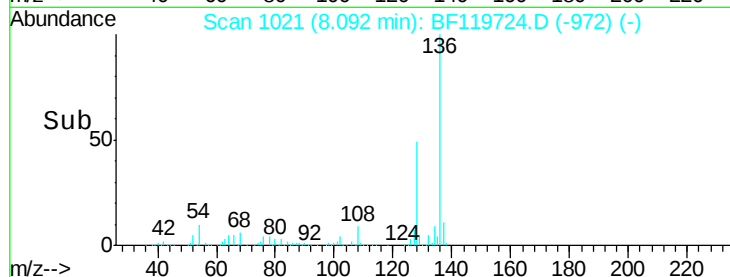


Abundance Ion 136.00 (135.70 to 136.70): E

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: 53.944 ng

RT: 7.22 min Scan# 872

Delta R.T. -0.01 min

Lab File: BF119724.D

Acq: 3 Apr 2020 17:29

Tgt Ion:105 Resp: 1060737

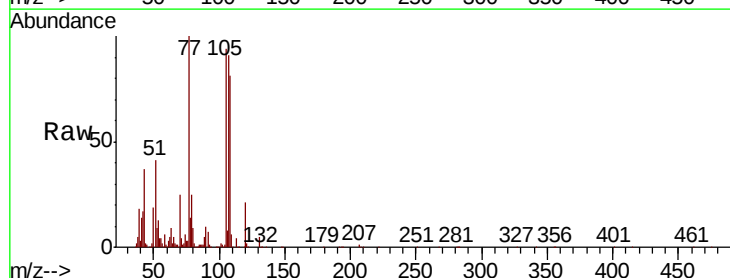
Ion Ratio Lower Upper

105 100

71 4.5 5.7 8.5#

51 43.9 26.2 39.4#

120 22.7 18.3 27.5

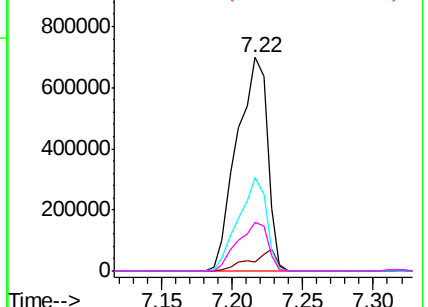
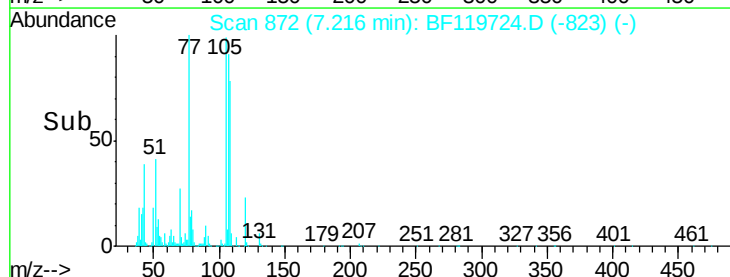


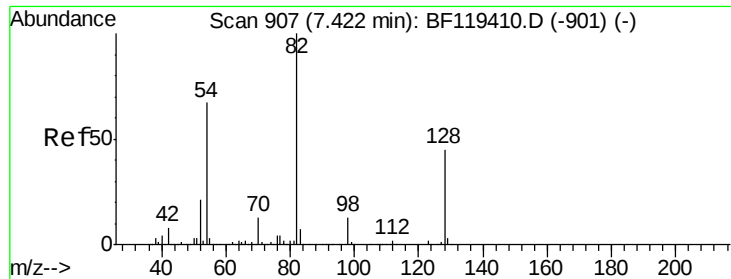
Abundance Ion 105.00 (104.70 to 105.70): E

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

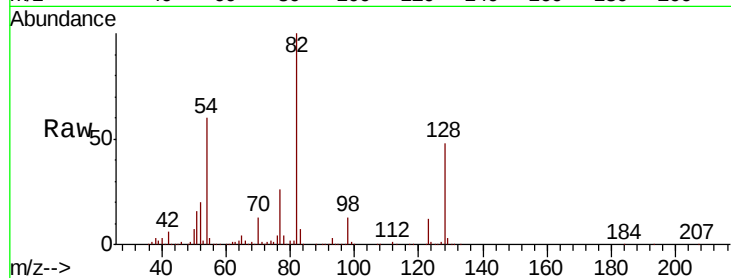




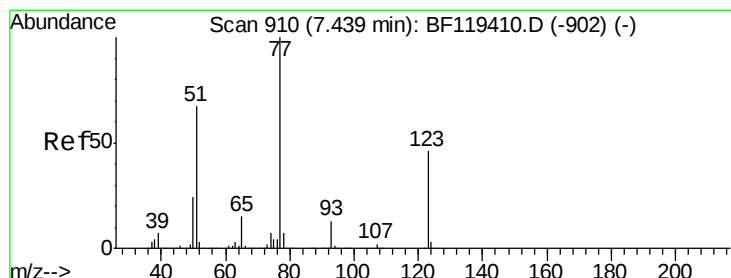
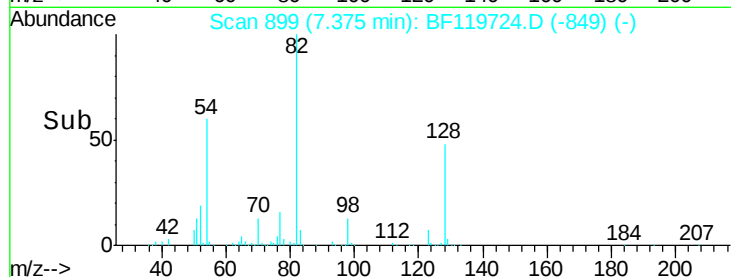
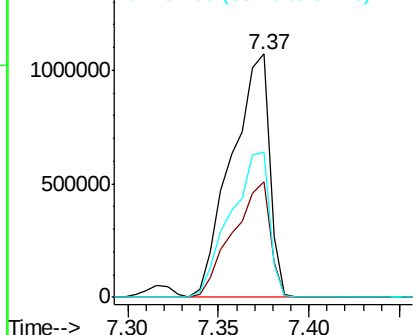
#23
 Nitrobenzene-d5
 Concen: 103.281 ng
 RT: 7.37 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: BF119724.D
 Acq: 3 Apr 2020 17:29

Instrument :
 BNA_F
 ClientSampleId :
 239-WC-S-SB-01MS

Tot Ion: 82 Resp: 1563877
 Ion Ratio Lower Upper
 82 100
 128 47.6 36.3 54.5
 54 59.8 50.6 75.8

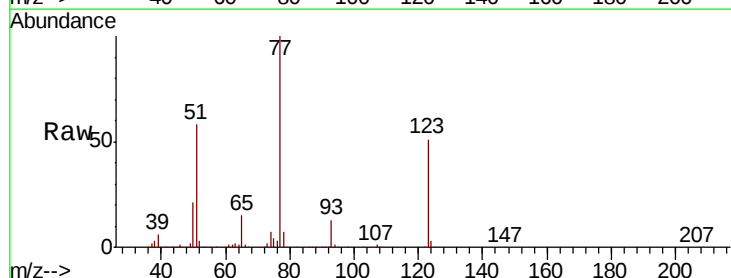


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

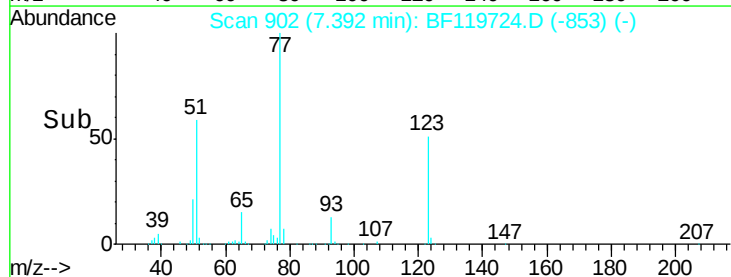
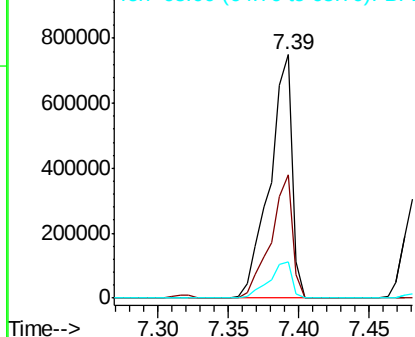


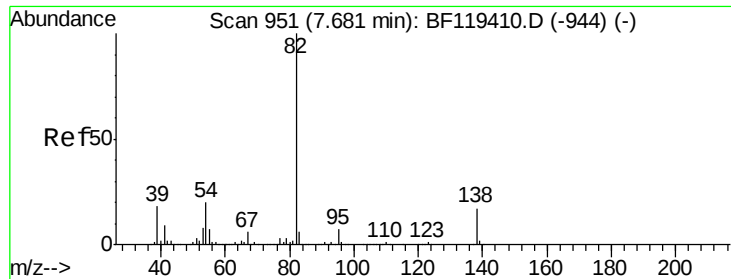
#24
 Nitrobenzene
 Concen: 51.592 ng
 RT: 7.39 min Scan# 902
 Delta R.T. -0.01 min
 Lab File: BF119724.D
 Acq: 3 Apr 2020 17:29

Tgt Ion: 77 Resp: 834871
 Ion Ratio Lower Upper
 77 100
 123 50.7 38.0 57.0
 65 14.7 12.6 18.8



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





#25

Isophorone

Concen: 50.825 ng

RT: 7.63 min Scan# 943

Delta R.T. -0.01 min

Lab File: BF119724.D

Acq: 3 Apr 2020 17:29

Instrument :

BNA_F

ClientSampleId :

239-WC-S-SB-01MS

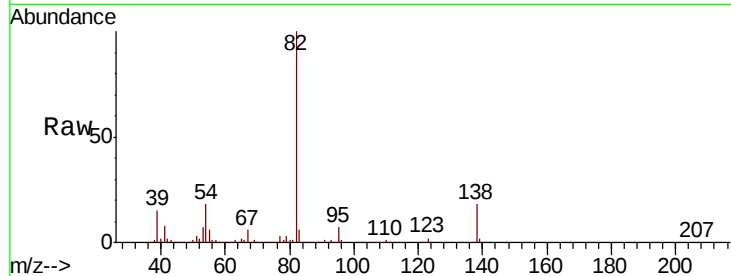
Tot Ion: 82 Resp: 1561146

Ion Ratio Lower Upper

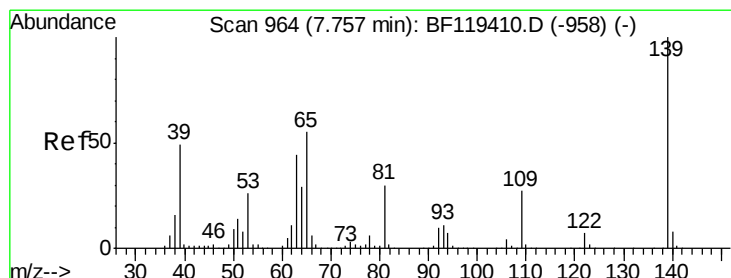
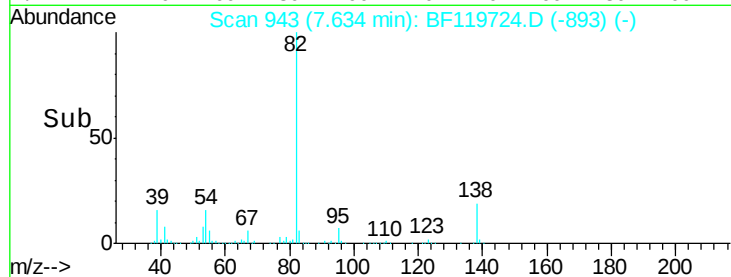
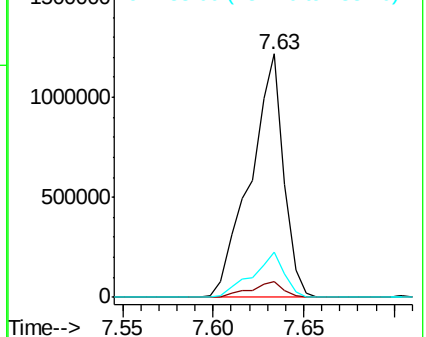
82 100

95 6.6 5.8 8.6

138 18.4 14.6 21.8



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: 69.468 ng

RT: 7.70 min Scan# 955

Delta R.T. -0.01 min

Lab File: BF119724.D

Acq: 3 Apr 2020 17:29

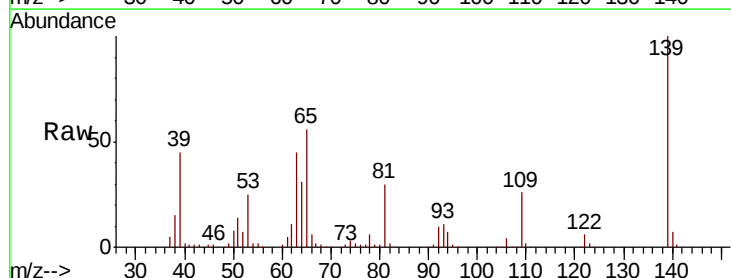
Tgt Ion: 139 Resp: 442616

Ion Ratio Lower Upper

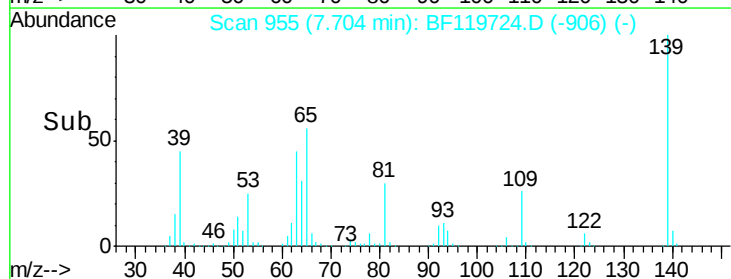
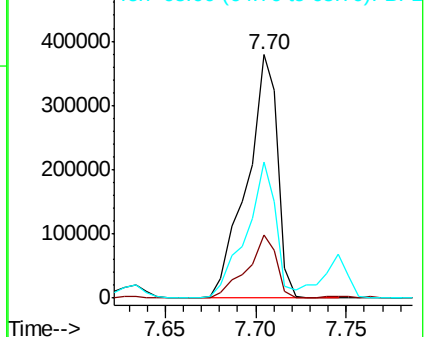
139 100

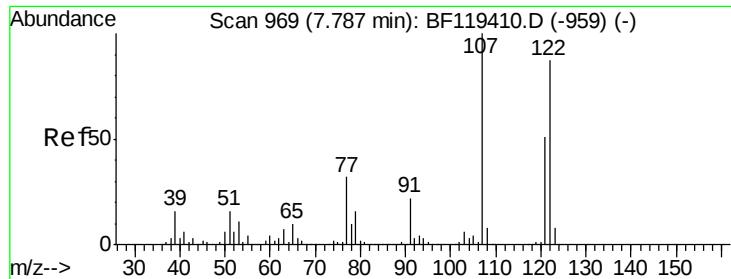
109 26.2 22.1 33.1

65 55.8 49.2 73.8



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: 54.536 ng

RT: 7.75 min Scan# 962

Delta R.T. -0.01 min

Lab File: BF119724.D

Acq: 3 Apr 2020 17:29

Instrument :

BNA_F

ClientSampleId :

239-WC-S-SB-01MS

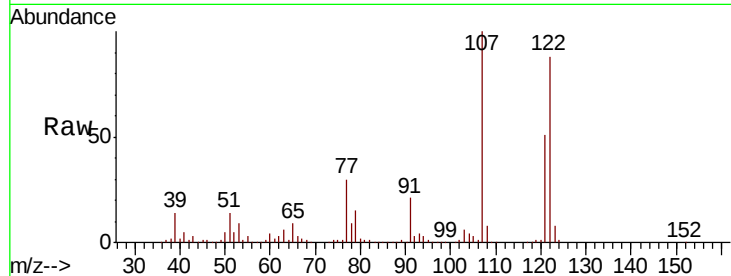
Tot Ion:122 Resp: 718496

Ion Ratio Lower Upper

122 100

107 113.8 89.0 133.6

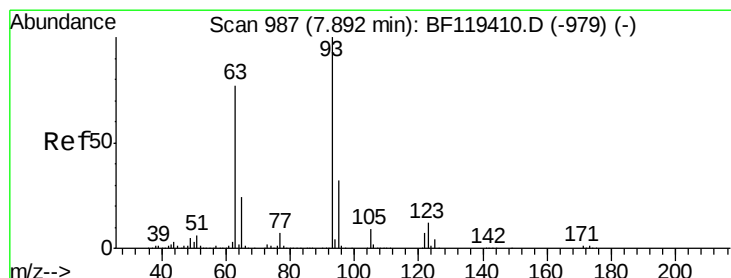
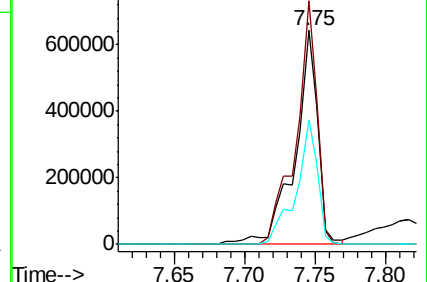
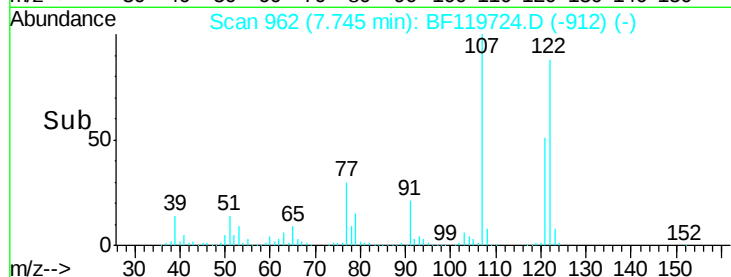
121 58.2 46.7 70.1



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 53.452 ng

RT: 7.84 min Scan# 978

Delta R.T. -0.01 min

Lab File: BF119724.D

Acq: 3 Apr 2020 17:29

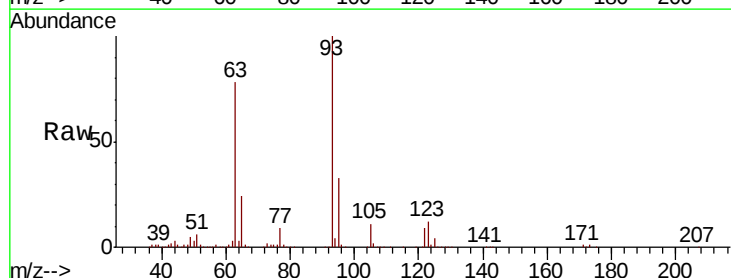
Tgt Ion: 93 Resp: 970863

Ion Ratio Lower Upper

93 100

95 32.8 26.3 39.5

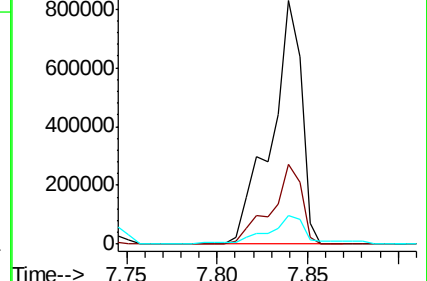
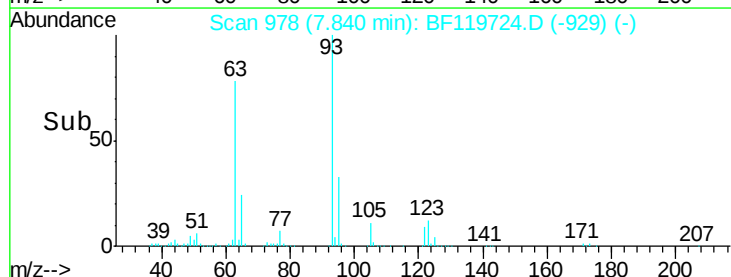
123 11.9 9.7 14.5

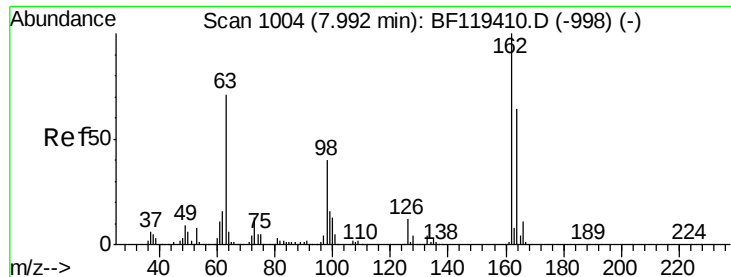


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

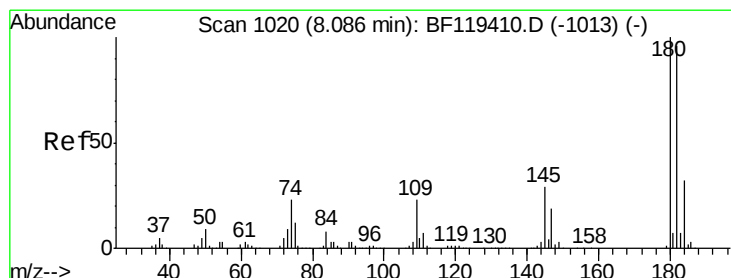
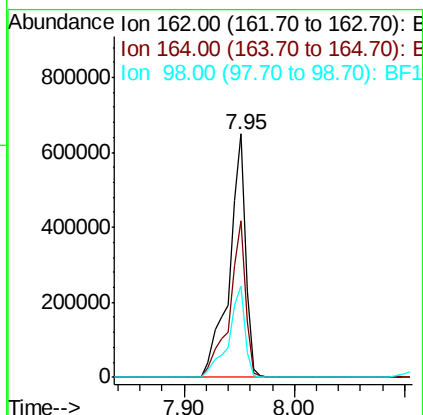
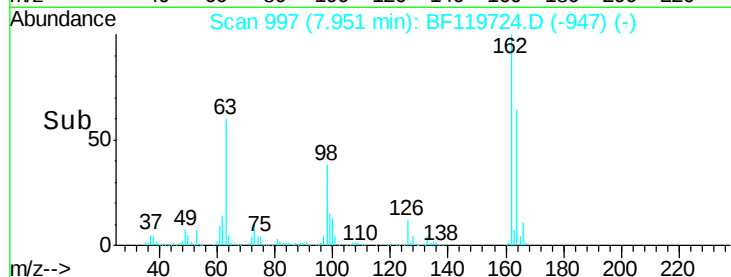
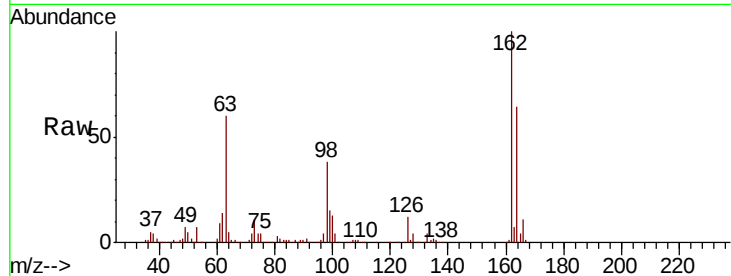




#29
 2,4-Dichlorophenol
 Concen: 55.724 ng
 RT: 7.95 min Scan# 997
 Delta R.T. -0.01 min
 Lab File: BF119724.D
 Acq: 3 Apr 2020 17:29

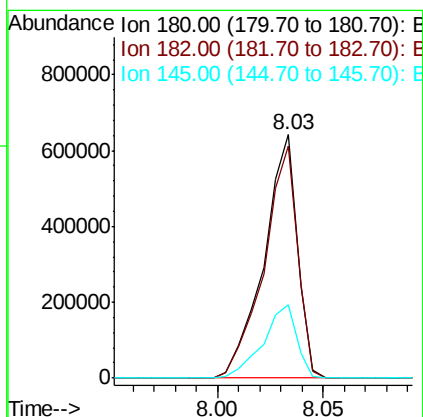
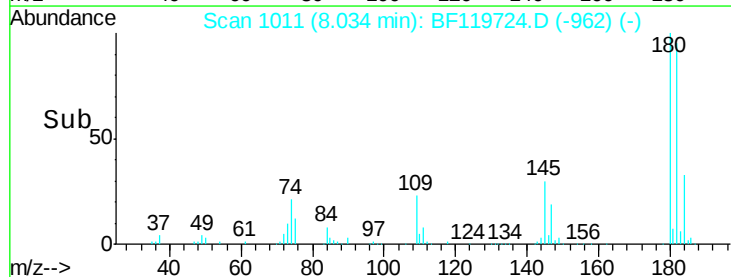
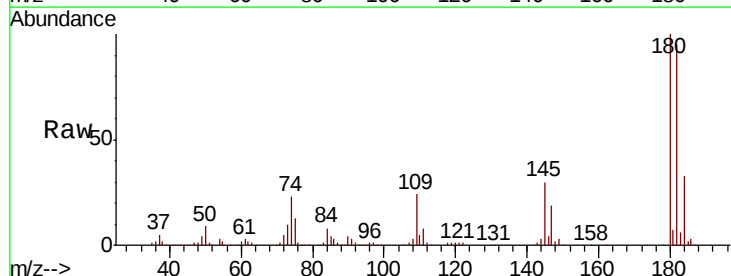
Instrument :
 BNA_F
 ClientSampleId :
 239-WC-S-SB-01MS

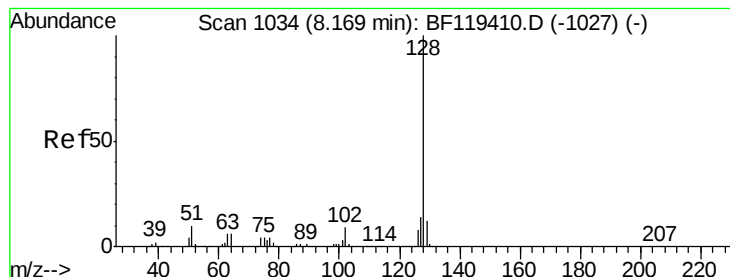
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.1	44.7	84.7
98	37.7	20.7	60.7



#30
 1,2,4-Trichlorobenzene
 Concen: 52.759 ng
 RT: 8.03 min Scan# 1011
 Delta R.T. -0.01 min
 Lab File: BF119724.D
 Acq: 3 Apr 2020 17:29

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.5	74.7	112.1
145	30.3	24.5	36.7





#31

Naphthalene

Concen: 54.464 ng

RT: 8.12 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BF119724.D

Acq: 3 Apr 2020 17:29

Instrument :

BNA_F

ClientSampleId :

239-WC-S-SB-01MS

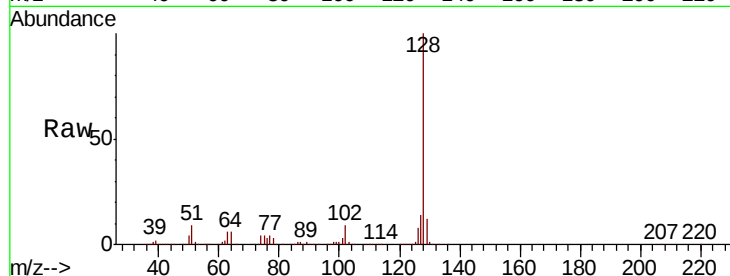
Tot Ion:128 Resp: 2306504

Ion Ratio Lower Upper

128 100

129 11.6 9.5 14.3

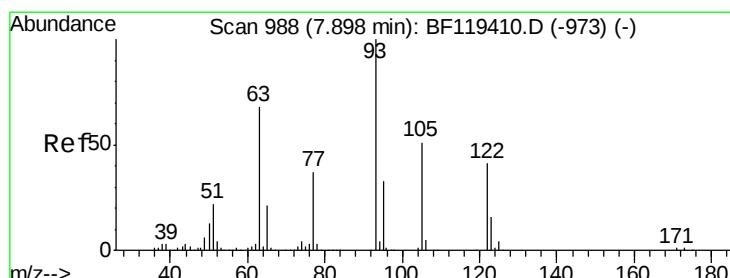
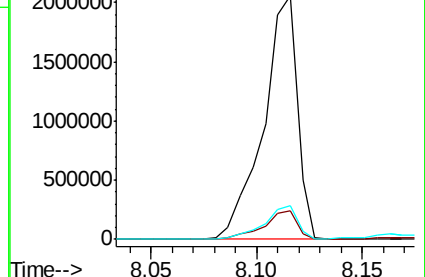
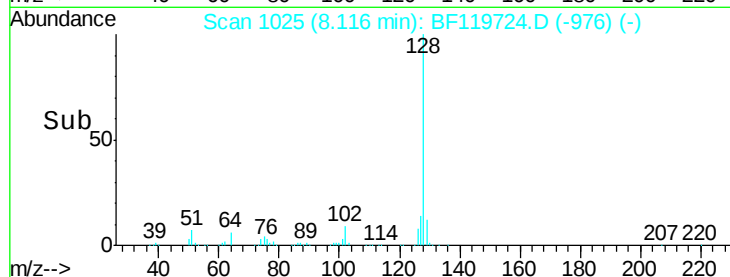
127 13.7 11.3 16.9



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: 42.263 ng

RT: 7.88 min Scan# 985

Delta R.T. 0.00 min

Lab File: BF119724.D

Acq: 3 Apr 2020 17:29

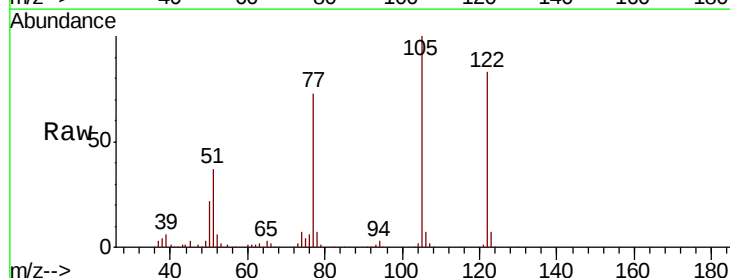
Tgt Ion:122 Resp: 358167

Ion Ratio Lower Upper

122 100

105 119.9 104.9 144.9

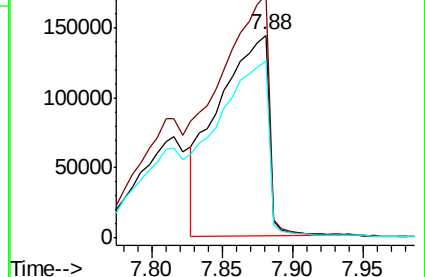
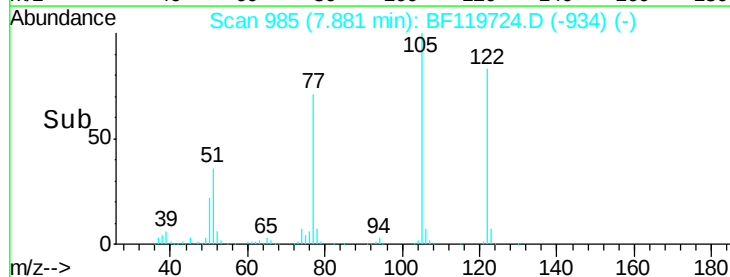
77 86.9 74.4 114.4

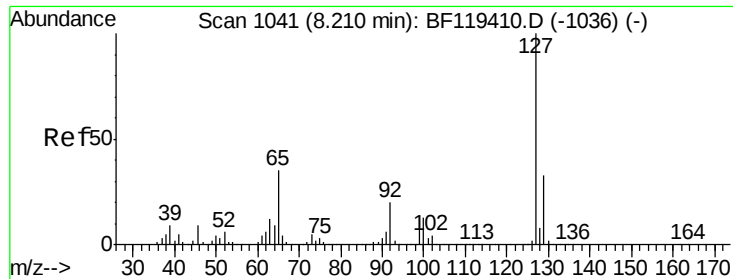


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

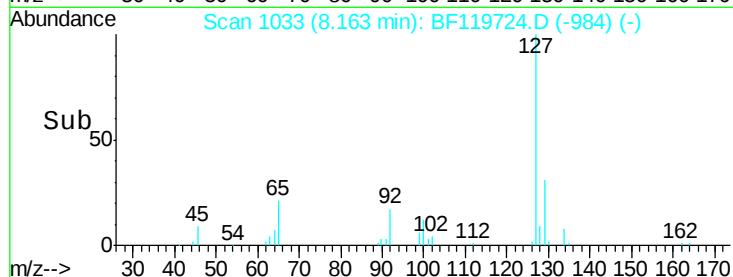
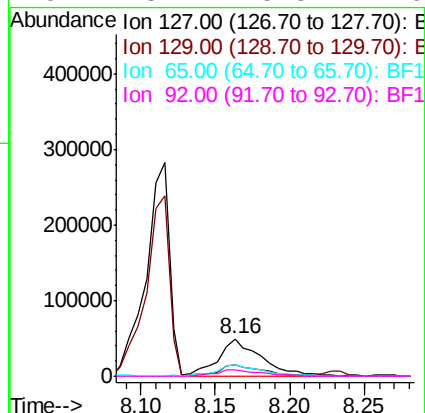
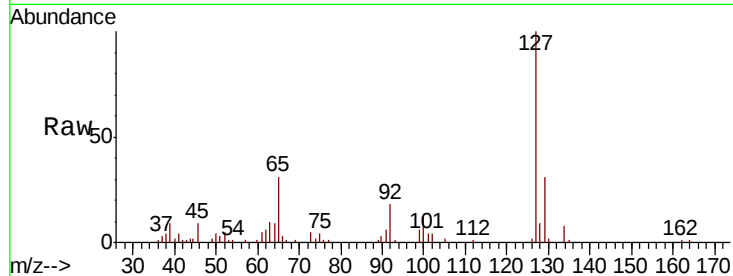




#33
4-Chloroaniline
Concen: 4.938 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF119724.D
Acq: 3 Apr 2020 17:29

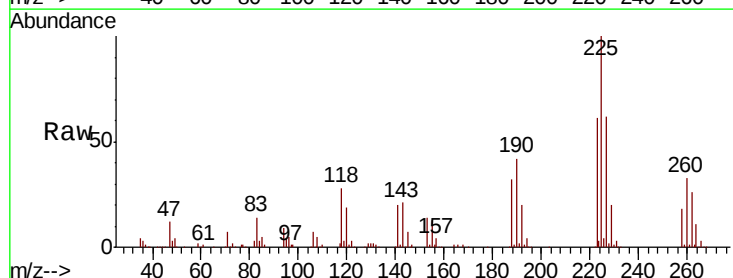
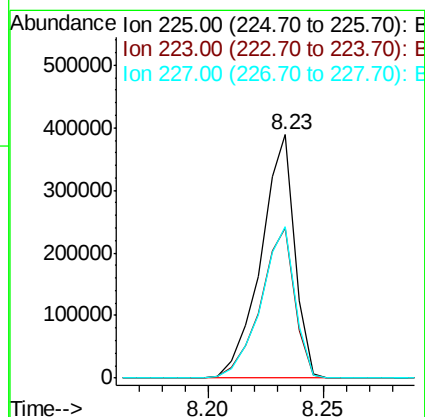
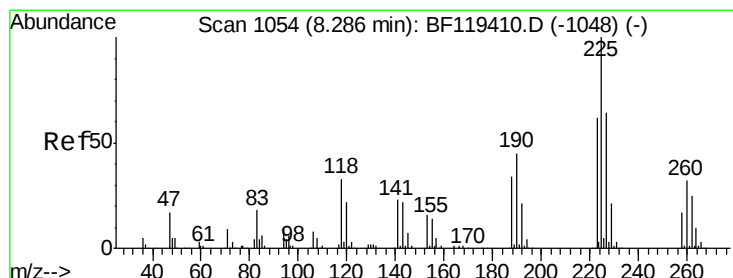
Instrument :
BNA_F
ClientSampleId :
239-WC-S-SB-01MS

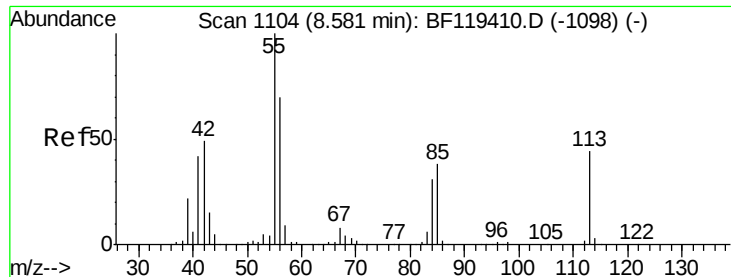
Tot Ion:	127	Resp:	95826
Ion	Ratio	Lower	Upper
127	100		
129	31.4	26.2	39.4
65	31.4	27.4	41.0
92	18.1	15.3	22.9



#34
Hexachlorobutadiene
Concen: 52.631 ng
RT: 8.23 min Scan# 1045
Delta R.T. -0.01 min
Lab File: BF119724.D
Acq: 3 Apr 2020 17:29

Tgt Ion:	225	Resp:	394225
Ion	Ratio	Lower	Upper
225	100		
223	61.5	51.0	76.6
227	62.3	50.7	76.1

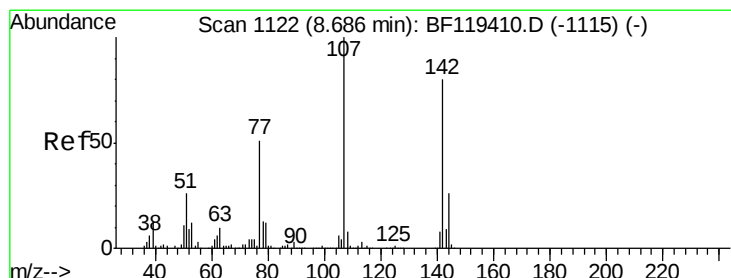
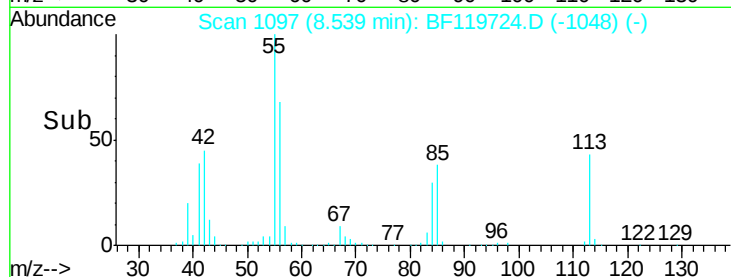
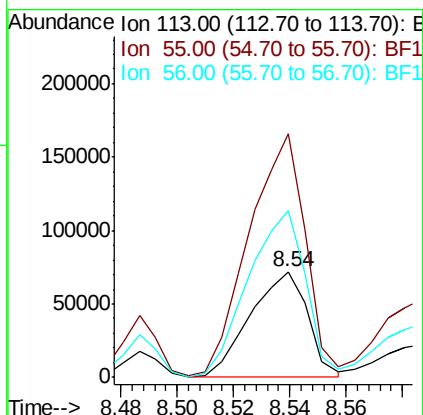
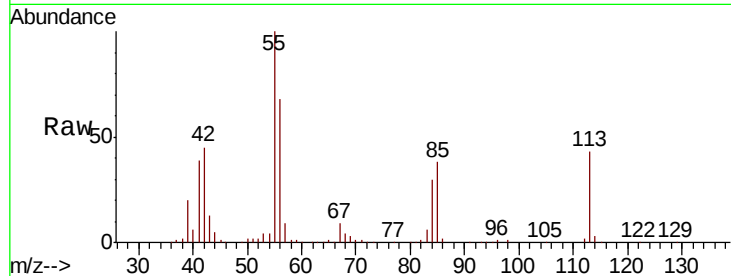




#35
 Caprolactam
 Concen: 25.383 ng
 RT: 8.54 min Scan# 1097
 Delta R.T. -0.01 min
 Lab File: BF119724.D
 Acq: 3 Apr 2020 17:29

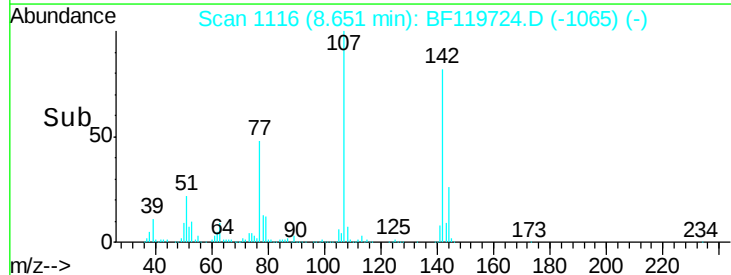
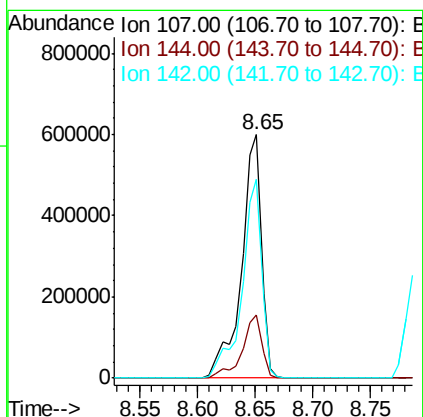
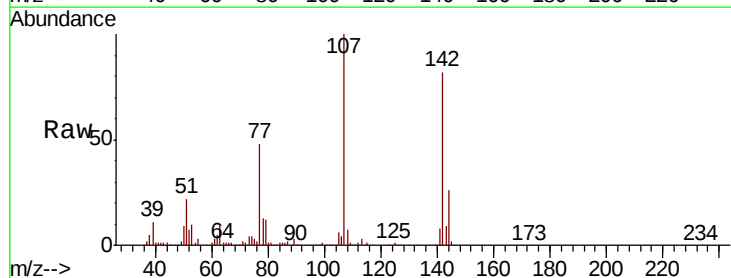
Instrument :
 BNA_F
 ClientSampleId :
 239-WC-S-SB-01MS

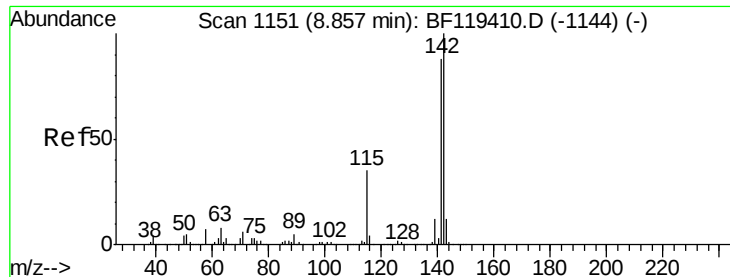
Tot Ion:113 Resp: 100562
 Ion Ratio Lower Upper
 113 100
 55 231.0 218.4 258.4
 56 157.7 148.9 188.9



#36
 4-Chloro-3-methylphenol
 Concen: 54.649 ng
 RT: 8.65 min Scan# 1116
 Delta R.T. 0.00 min
 Lab File: BF119724.D
 Acq: 3 Apr 2020 17:29

Tgt Ion:107 Resp: 723041
 Ion Ratio Lower Upper
 107 100
 144 25.9 21.0 31.6
 142 81.6 64.4 96.6

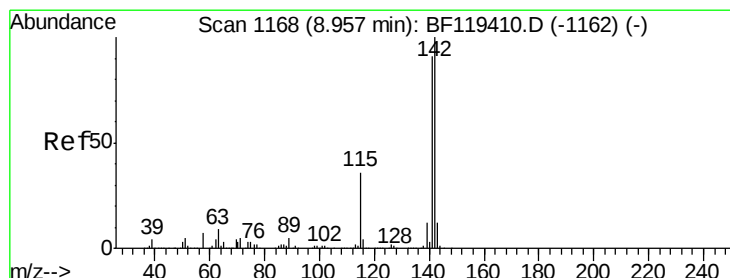
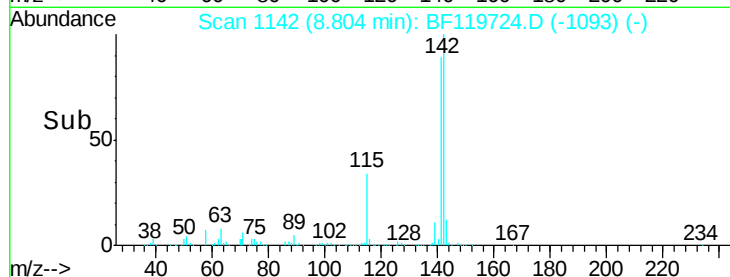
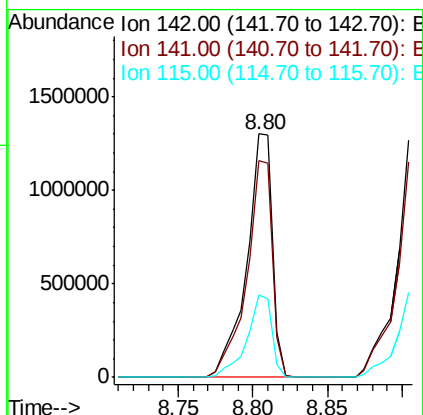
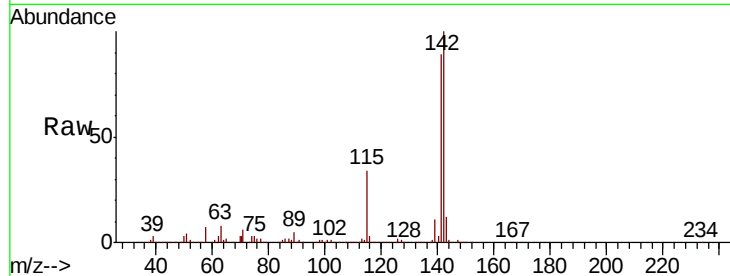




#37
2-Methylnaphthalene
Concen: 55.505 ng
RT: 8.80 min Scan# 1142
Delta R.T. -0.01 min
Lab File: BF119724.D
Acq: 3 Apr 2020 17:29

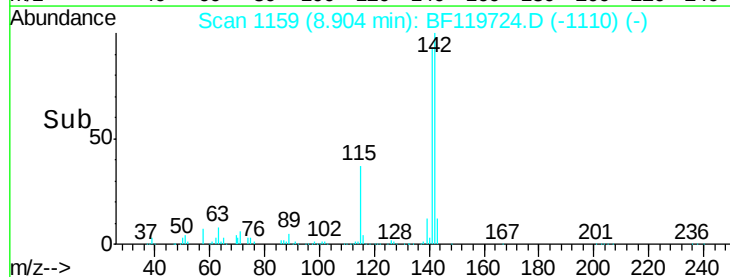
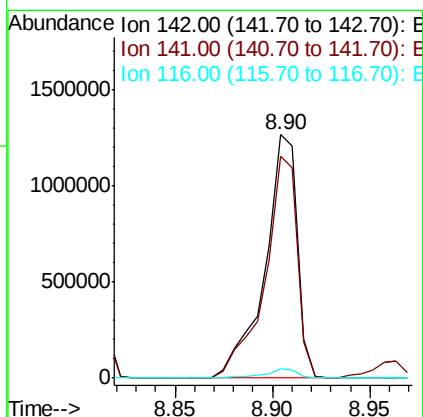
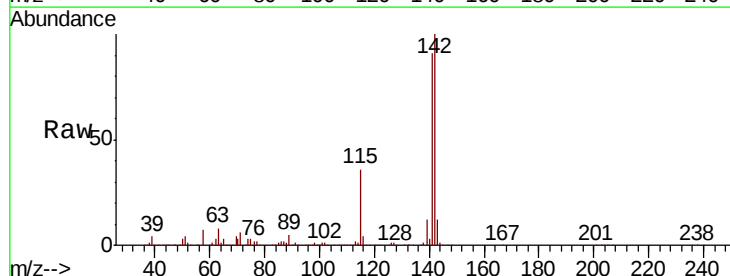
Instrument :
BNA_F
ClientSampleId :
239-WC-S-SB-01MS

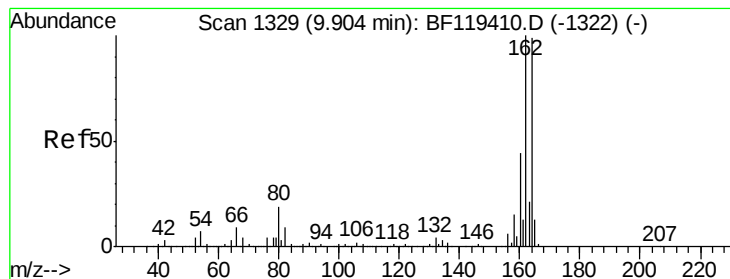
Tot Ion:142 Resp: 1542671
Ion Ratio Lower Upper
142 100
141 89.0 71.7 107.5
115 33.7 27.9 41.9



#38
1-Methylnaphthalene
Concen: 55.386 ng
RT: 8.90 min Scan# 1159
Delta R.T. -0.01 min
Lab File: BF119724.D
Acq: 3 Apr 2020 17:29

Tgt Ion:142 Resp: 1457026
Ion Ratio Lower Upper
142 100
141 90.9 73.7 110.5
116 3.8 3.0 4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.85 min Scan# 1320

Delta R.T. -0.01 min

Lab File: BF119724.D

Acq: 3 Apr 2020 17:29

Instrument :

BNA_F

ClientSampleId :

239-WC-S-SB-01MS

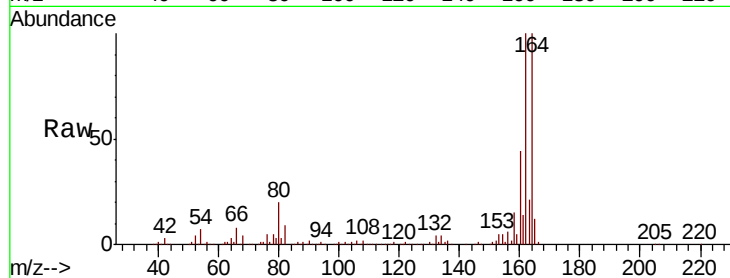
Tot Ion:164 Resp: 427151

Ion Ratio Lower Upper

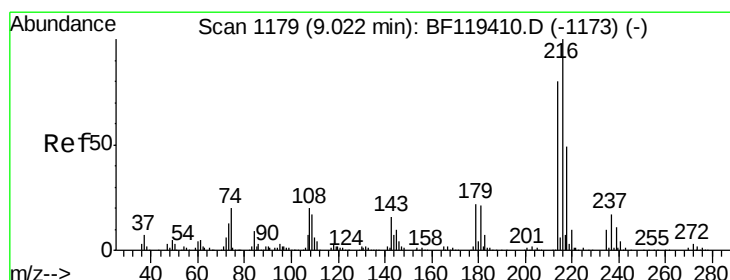
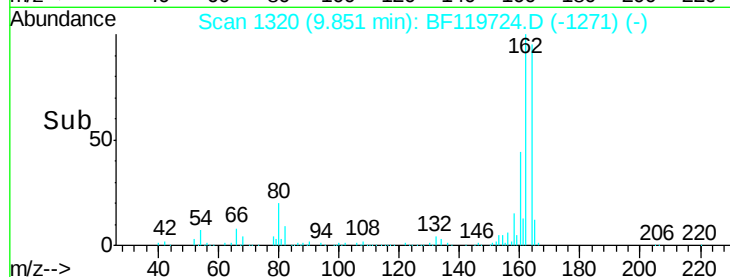
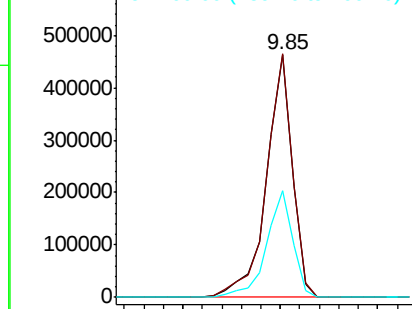
164 100

162 100.2 80.6 121.0

160 44.0 35.7 53.5



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: 51.769 ng

RT: 8.97 min Scan# 1171

Delta R.T. -0.01 min

Lab File: BF119724.D

Acq: 3 Apr 2020 17:29

Tgt Ion:216 Resp: 648155

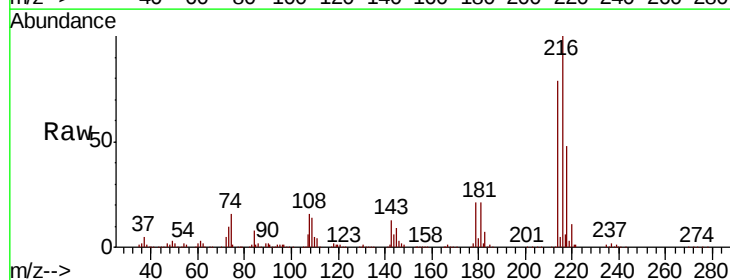
Ion Ratio Lower Upper

216 100

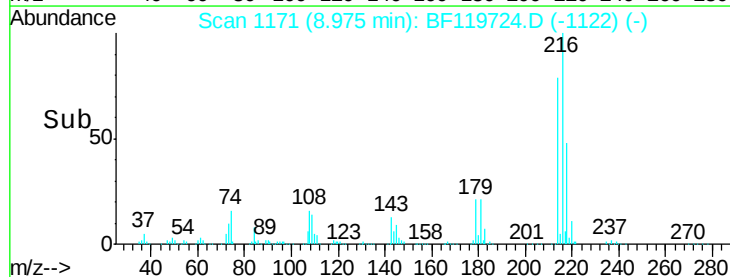
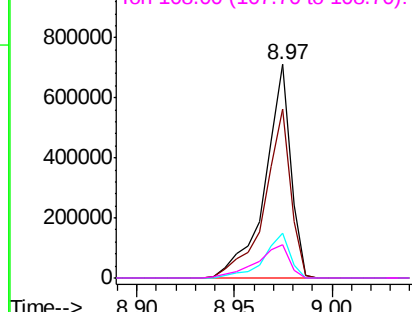
214 80.0 63.2 94.8

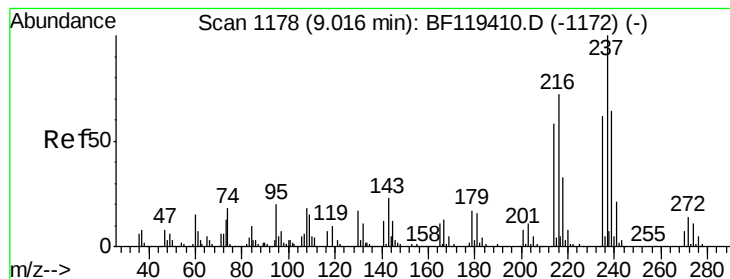
179 21.6 17.1 25.7

108 20.0 15.1 22.7



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: 106.828 ng

RT: 8.96 min Scan# 1169

Delta R.T. -0.01 min

Lab File: BF119724.D

Acq: 3 Apr 2020 17:29

Instrument :

BNA_F

ClientSampleId :

239-WC-S-SB-01MS

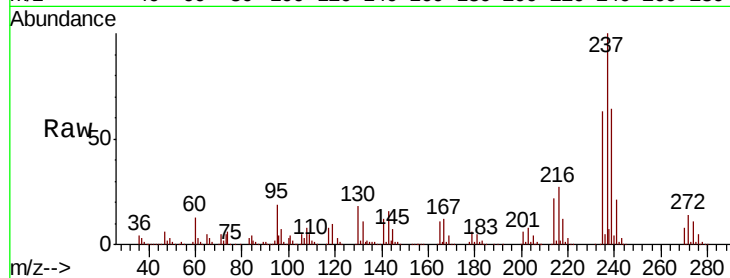
Tot Ion:237 Resp: 760387

Ion Ratio Lower Upper

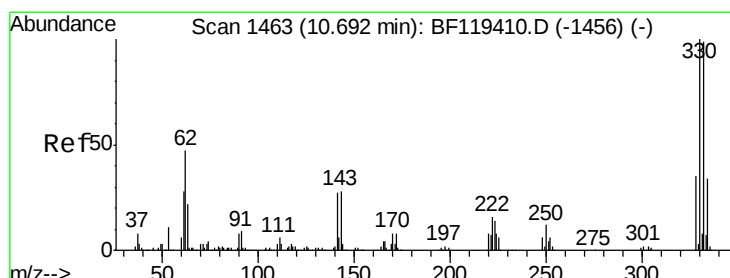
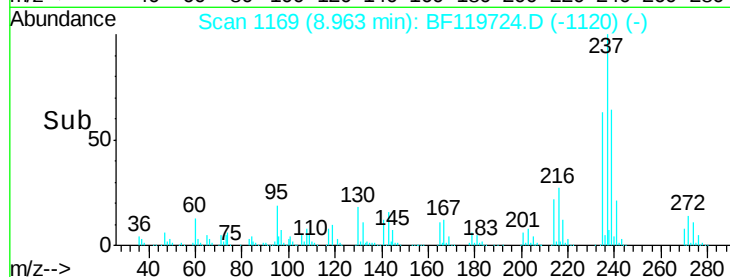
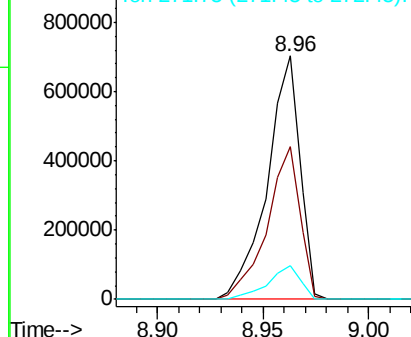
237 100

235 62.9 43.2 83.2

272 13.7 0.0 34.1



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: 164.641 ng

RT: 10.65 min Scan# 1455

Delta R.T. -0.01 min

Lab File: BF119724.D

Acq: 3 Apr 2020 17:29

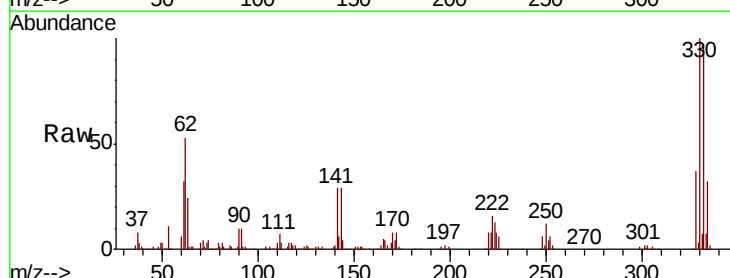
Tgt Ion:330 Resp: 725536

Ion Ratio Lower Upper

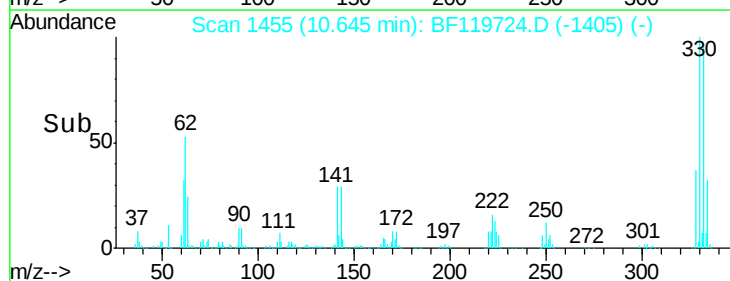
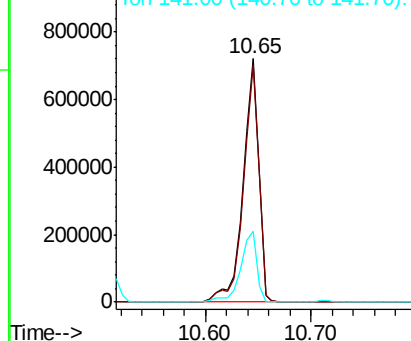
330 100

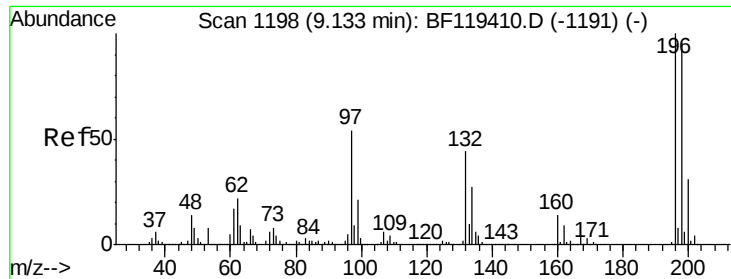
332 96.6 75.7 113.5

141 29.9 25.4 38.0



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

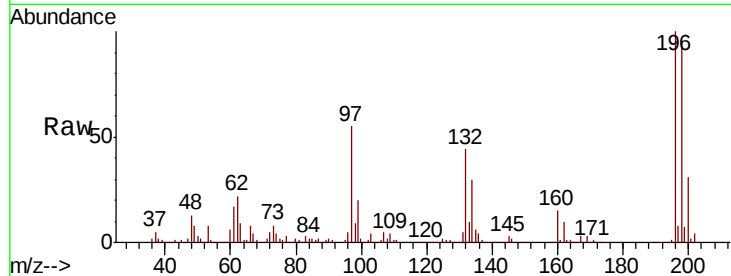




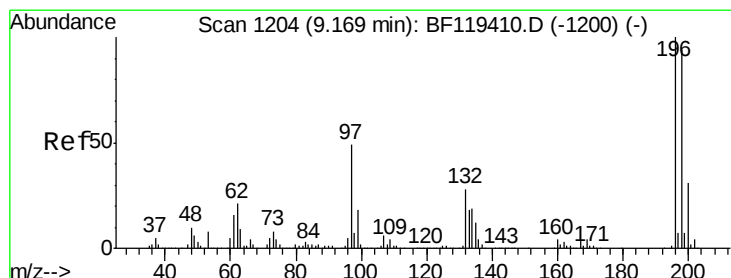
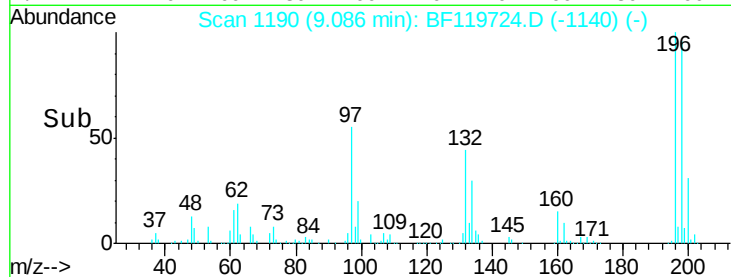
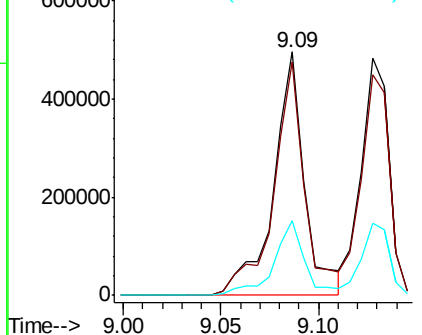
#43
 2,4,6-Trichlorophenol
 Concen: 61.302 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: BF119724.D
 Acq: 3 Apr 2020 17:29

Instrument :
 BNA_F
 ClientSampleId :
 239-WC-S-SB-01MS

Tot Ion:196 Resp: 549245
 Ion Ratio Lower Upper
 196 100
 198 95.7 76.6 115.0
 200 30.9 24.6 36.8

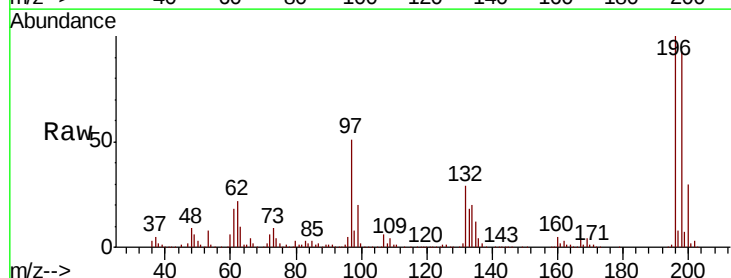


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

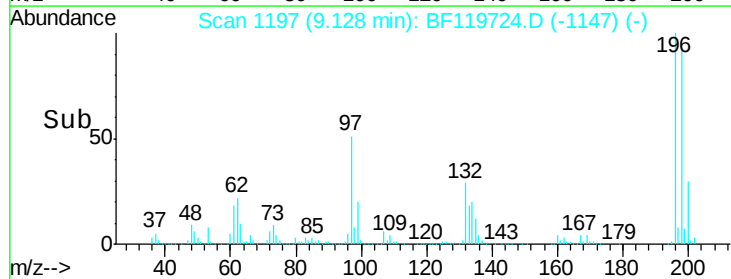
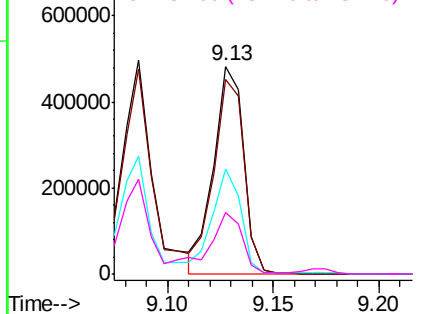


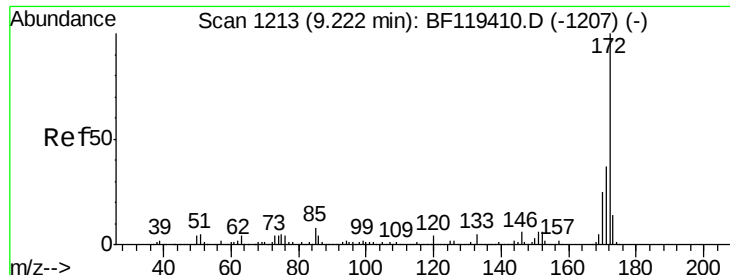
#44
 2,4,5-Trichlorophenol
 Concen: 47.512 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. -0.01 min
 Lab File: BF119724.D
 Acq: 3 Apr 2020 17:29

Tgt Ion:196 Resp: 476872
 Ion Ratio Lower Upper
 196 100
 198 93.4 73.8 110.8
 97 50.8 42.6 63.8
 132 29.5 24.0 36.0



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

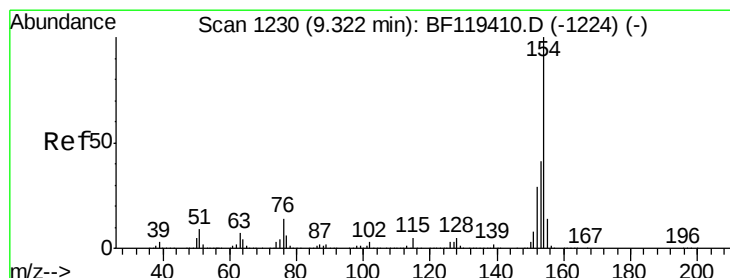
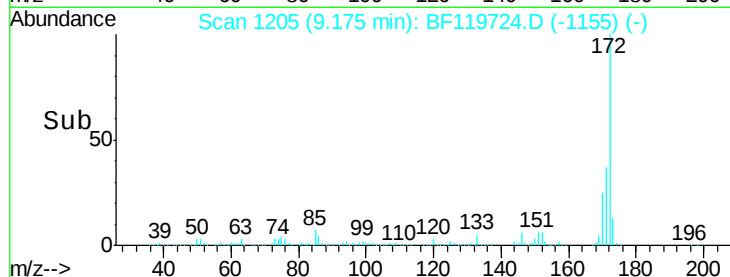
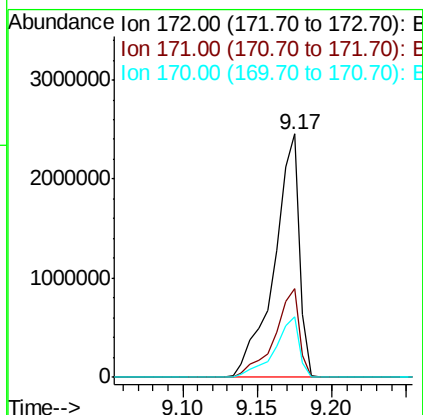
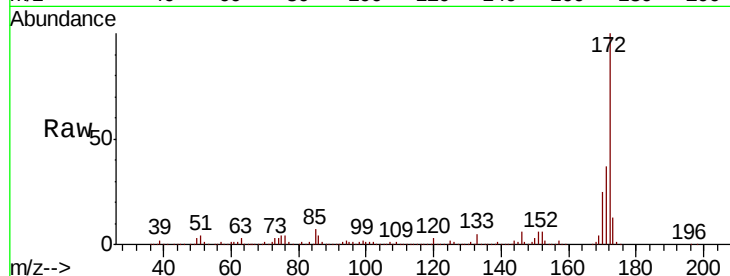




#45
2-Fluorobiphenyl
Concen: 100.536 ng
RT: 9.17 min Scan# 1205
Delta R.T. -0.01 min
Lab File: BF119724.D
Acq: 3 Apr 2020 17:29

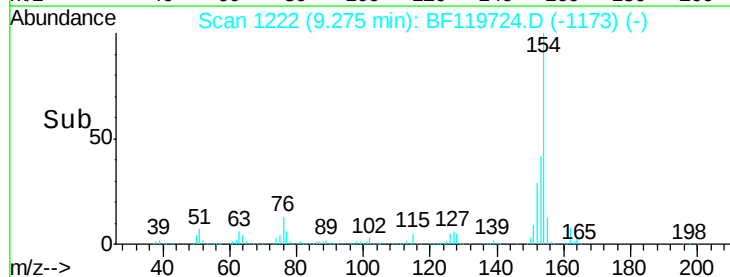
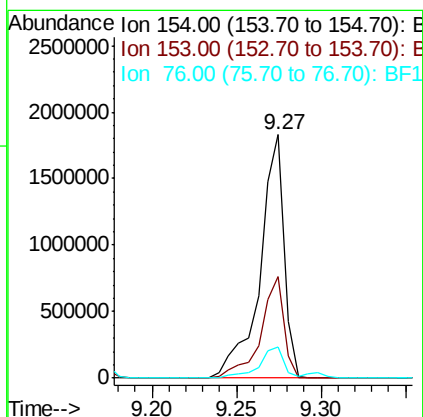
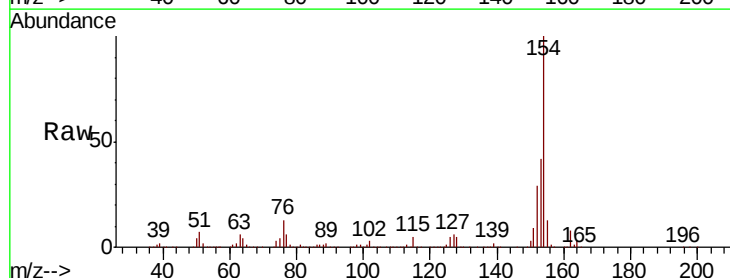
Instrument :
BNA_F
ClientSampleId :
239-WC-S-SB-01MS

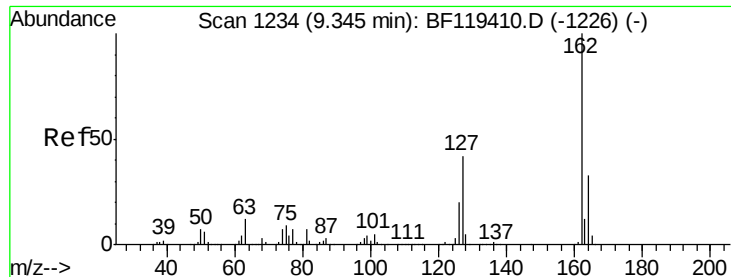
Tot Ion:172 Resp: 2898731
Ion Ratio Lower Upper
172 100
171 36.6 29.6 44.4
170 24.7 20.2 30.2



#46
1,1'-Biphenyl
Concen: 52.134 ng
RT: 9.27 min Scan# 1222
Delta R.T. -0.01 min
Lab File: BF119724.D
Acq: 3 Apr 2020 17:29

Tgt Ion:154 Resp: 1813719
Ion Ratio Lower Upper
154 100
153 41.7 21.4 61.4
76 12.5 0.0 33.0

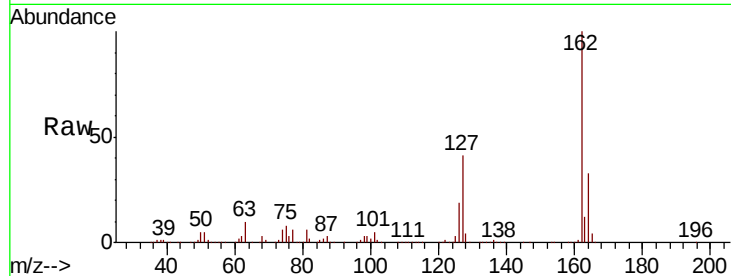




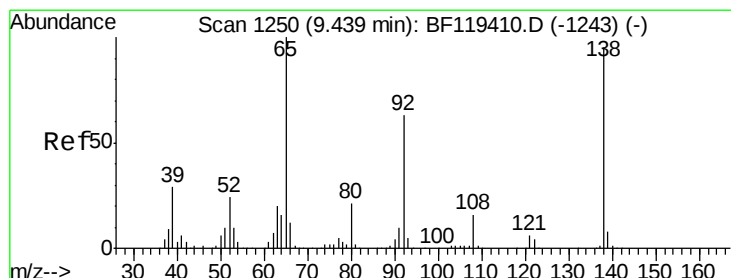
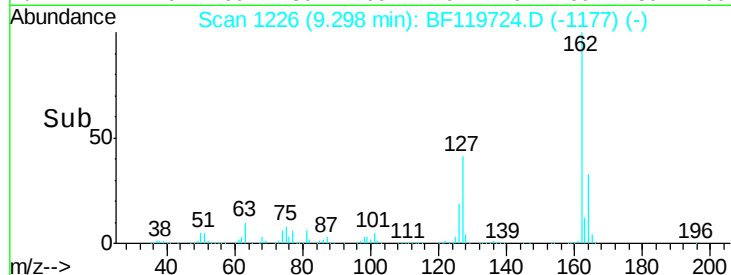
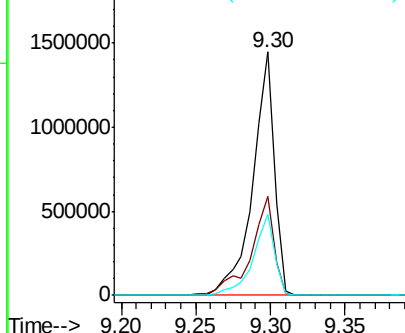
#47
2-Chloronaphthalene
Concen: 52.464 ng
RT: 9.30 min Scan# 1226
Delta R.T. -0.01 min
Lab File: BF119724.D
Acq: 3 Apr 2020 17:29

Instrument :
BNA_F
ClientSampleId :
239-WC-S-SB-01MS

Tot Ion:162 Resp: 1429696
Ion Ratio Lower Upper
162 100
127 40.6 33.7 50.5
164 33.5 26.3 39.5

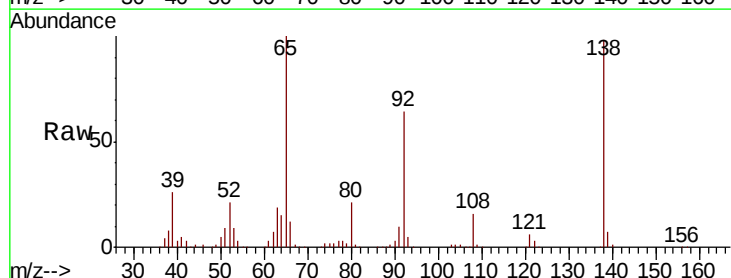


Abundance Ion 162.00 (161.70 to 162.70): E
2000000 Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

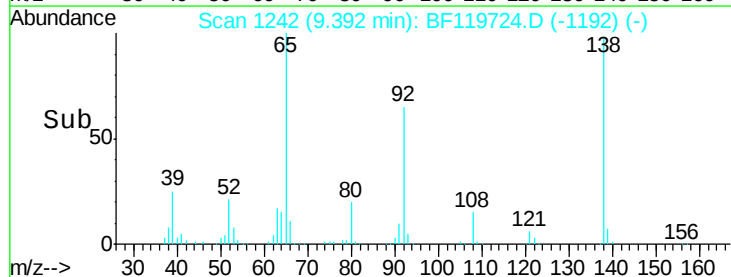
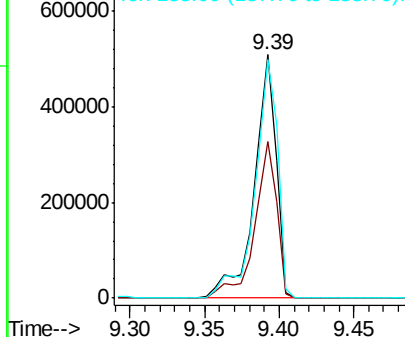


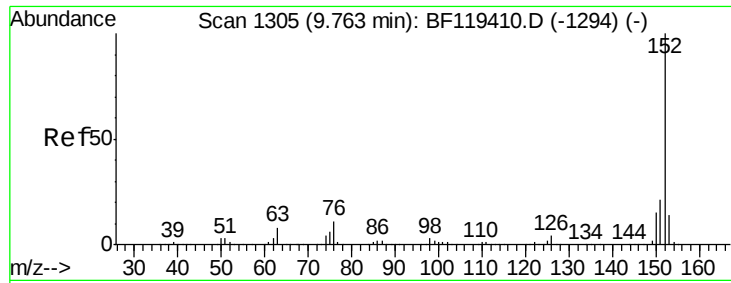
#48
2-Nitroaniline
Concen: 54.207 ng
RT: 9.39 min Scan# 1242
Delta R.T. -0.01 min
Lab File: BF119724.D
Acq: 3 Apr 2020 17:29

Tgt Ion: 65 Resp: 509869
Ion Ratio Lower Upper
65 100
92 64.3 50.0 75.0
138 97.9 75.0 112.4



Abundance Ion 65.00 (64.70 to 65.70): BF1
600000 Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 52.177 ng

RT: 9.72 min Scan# 1297

Delta R.T. -0.01 min

Lab File: BF119724.D

Acq: 3 Apr 2020 17:29

Instrument :

BNA_F

ClientSampleId :

239-WC-S-SB-01MS

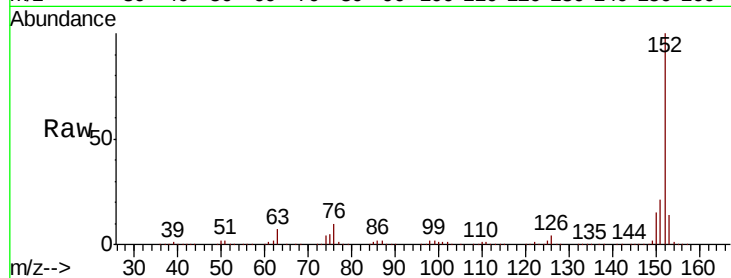
Tot Ion:152 Resp: 2232847

Ion Ratio Lower Upper

152 100

151 21.2 17.2 25.8

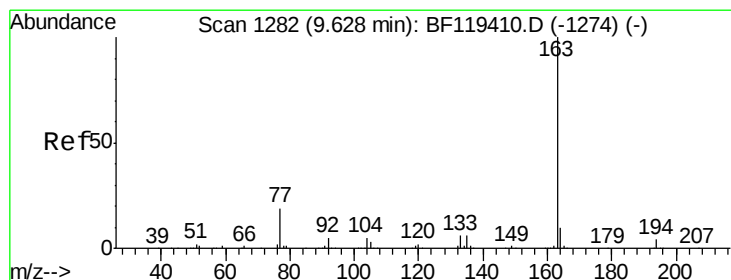
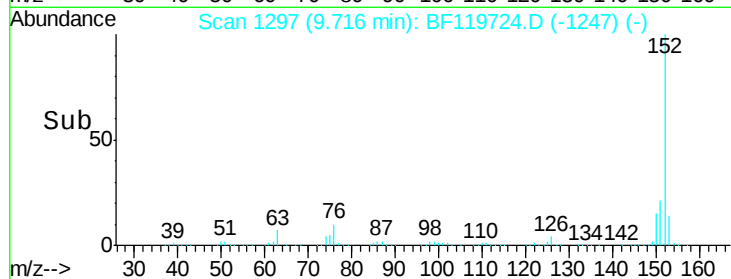
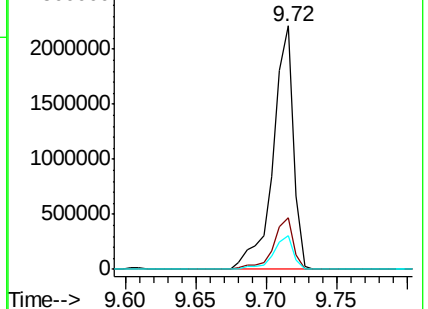
153 13.7 11.2 16.8



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: 47.741 ng

RT: 9.58 min Scan# 1274

Delta R.T. -0.01 min

Lab File: BF119724.D

Acq: 3 Apr 2020 17:29

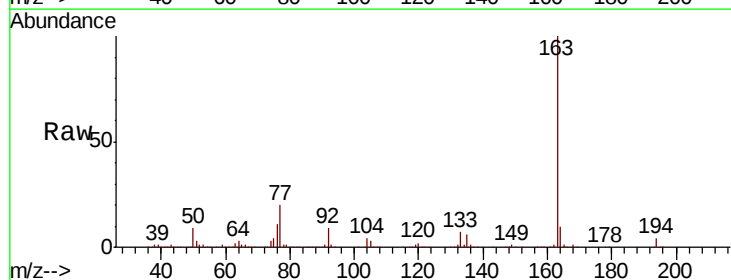
Tgt Ion:163 Resp: 1448494

Ion Ratio Lower Upper

163 100

194 4.1 3.1 4.7

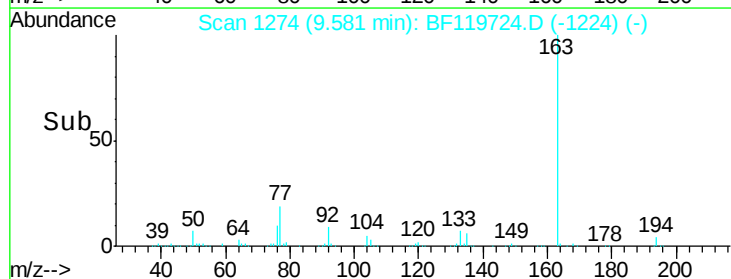
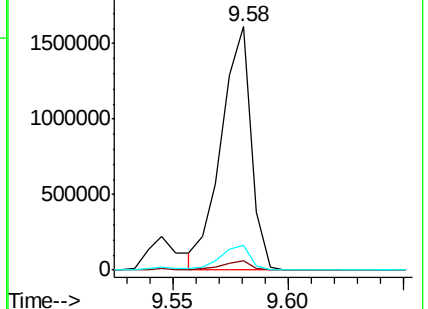
164 10.3 8.2 12.2

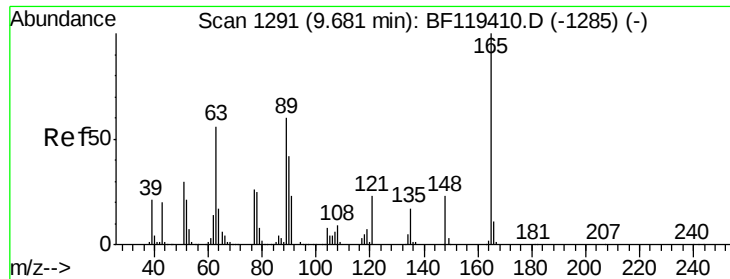


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

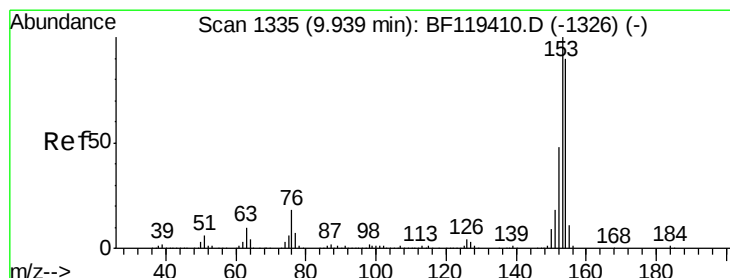
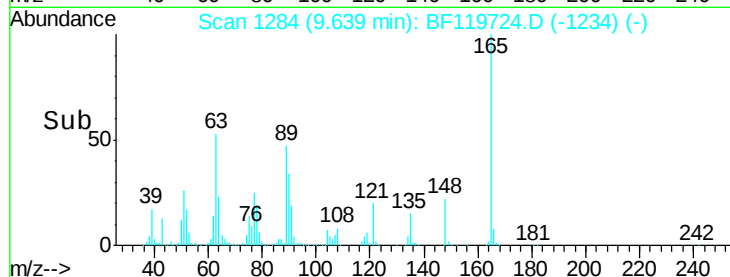
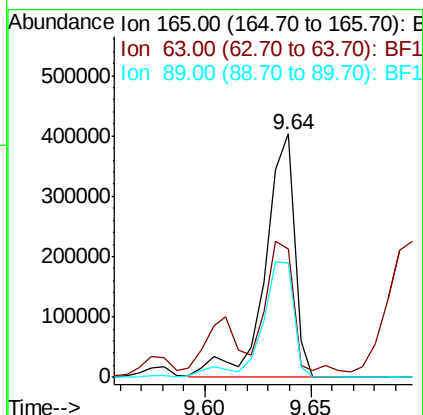
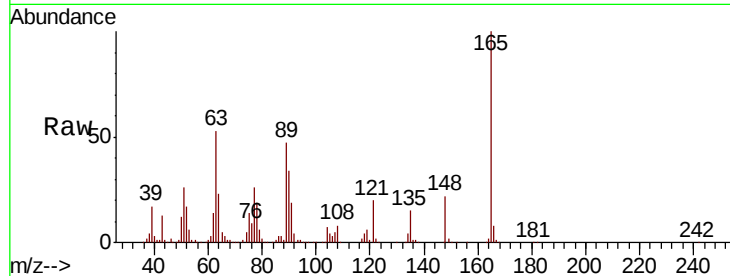




#51
 2,6-Dinitrotoluene
 Concen: 60.123 ng
 RT: 9.64 min Scan# 1284
 Delta R.T. -0.01 min
 Lab File: BF119724.D
 Acq: 3 Apr 2020 17:29

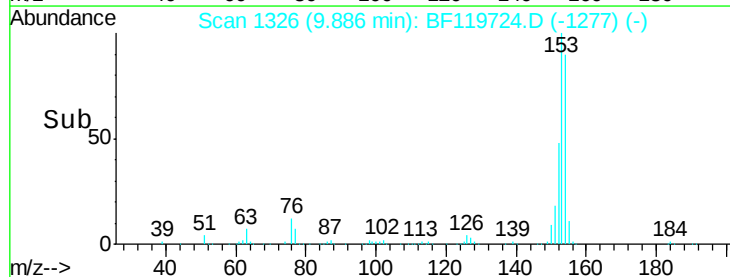
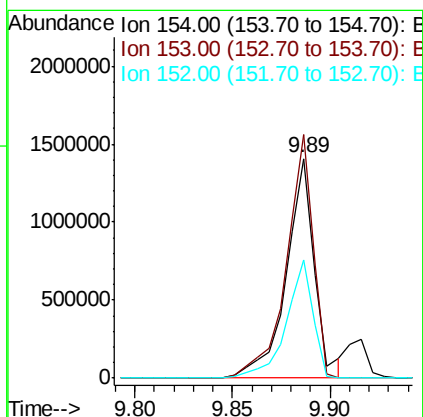
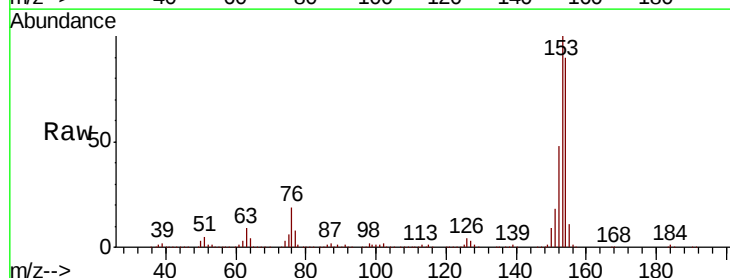
Instrument :
 BNA_F
 ClientSampleId :
 239-WC-S-SB-01MS

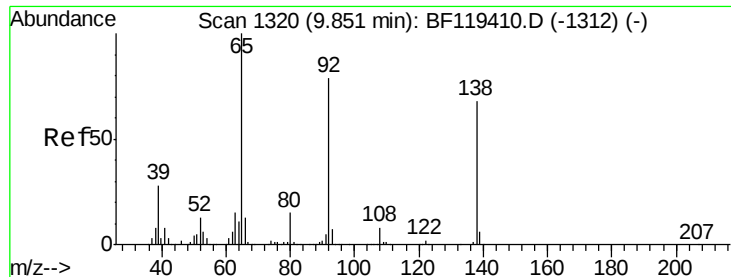
Tot Ion:165 Resp: 390998
 Ion Ratio Lower Upper
 165 100
 63 52.5 45.0 67.4
 89 46.9 41.5 62.3



#52
 Acenaphthene
 Concen: 52.732 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. -0.01 min
 Lab File: BF119724.D
 Acq: 3 Apr 2020 17:29

Tgt Ion:154 Resp: 1406810
 Ion Ratio Lower Upper
 154 100
 153 111.0 88.1 132.1
 152 53.7 43.0 64.4

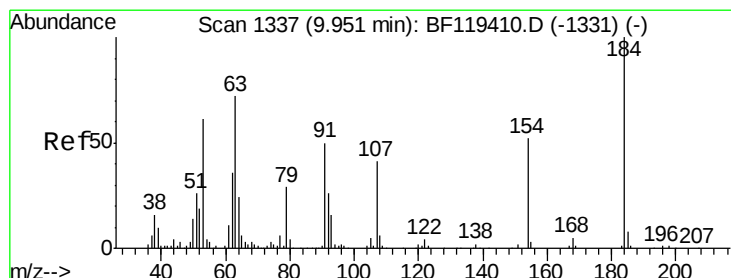
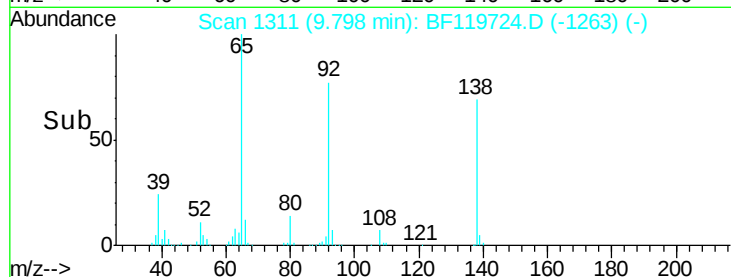
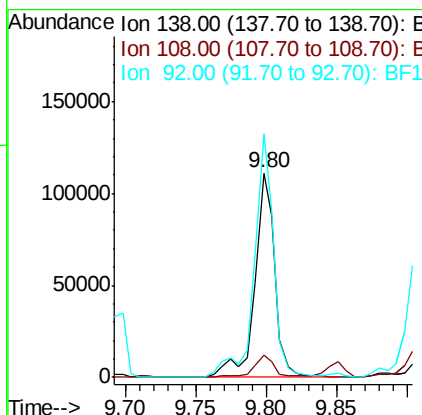
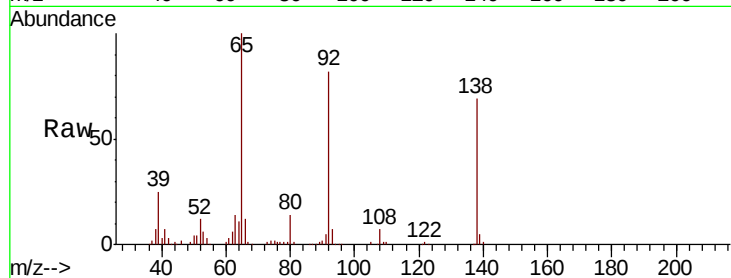




#53
 3-Nitroaniline
 Concen: 13.554 ng
 RT: 9.80 min Scan# 1311
 Delta R.T. -0.02 min
 Lab File: BF119724.D
 Acq: 3 Apr 2020 17:29

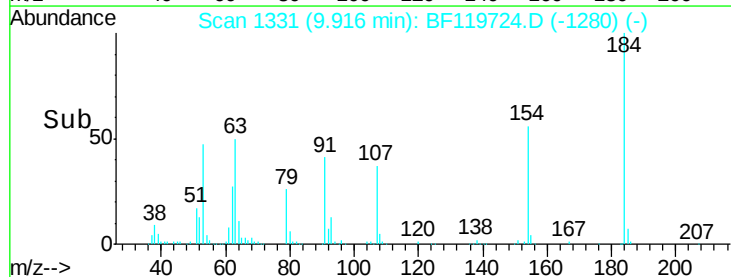
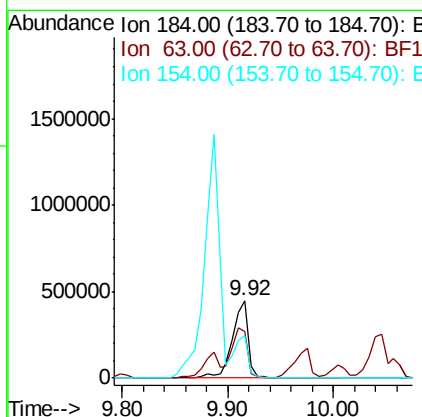
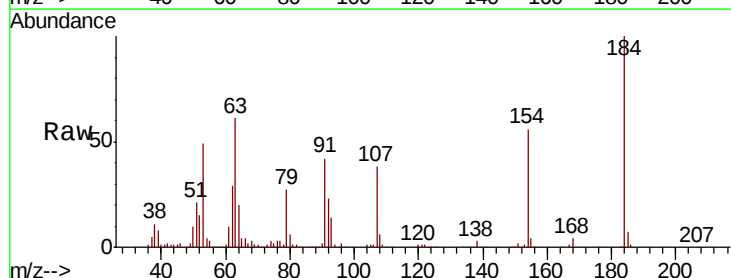
Instrument :
 BNA_F
 ClientSampleId :
 239-WC-S-SB-01MS

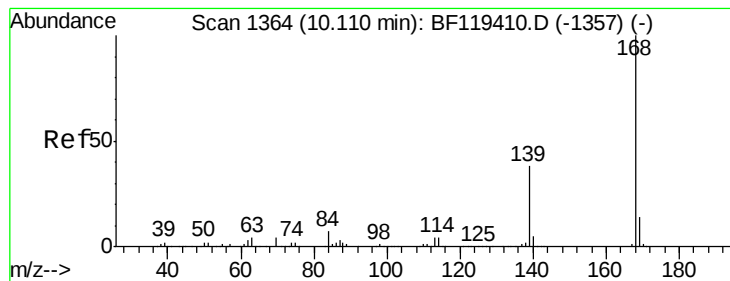
Tot Ion:138 Resp: 111286
 Ion Ratio Lower Upper
 138 100
 108 10.9 8.6 13.0
 92 119.1 95.4 143.0



#54
 2,4-Dinitrophenol
 Concen: 155.301 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. 0.00 min
 Lab File: BF119724.D
 Acq: 3 Apr 2020 17:29

Tgt Ion:184 Resp: 458211
 Ion Ratio Lower Upper
 184 100
 63 60.5 50.2 75.4
 154 55.8 44.5 66.7





#55

Dibenzofuran

Concen: 53.010 ng

RT: 10.06 min Scan# 1355

Delta R.T. -0.01 min

Lab File: BF119724.D

Acq: 3 Apr 2020 17:29

Instrument :

BNA_F

ClientSampleId :

239-WC-S-SB-01MS

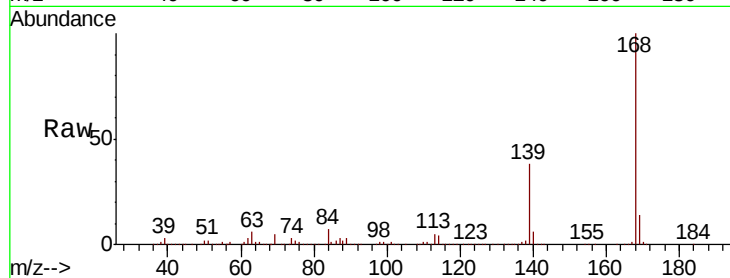
Tot Ion:168 Resp: 2027601

Ion Ratio Lower Upper

168 100

139 37.6 30.1 45.1

169 14.0 11.0 16.6

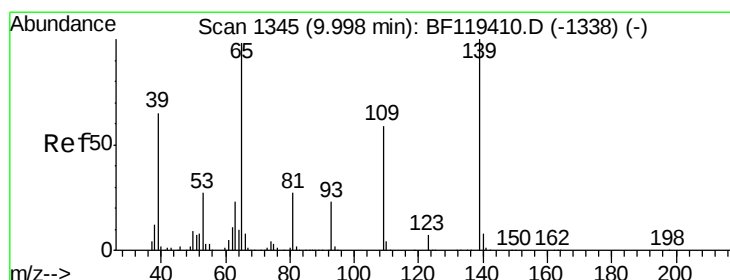
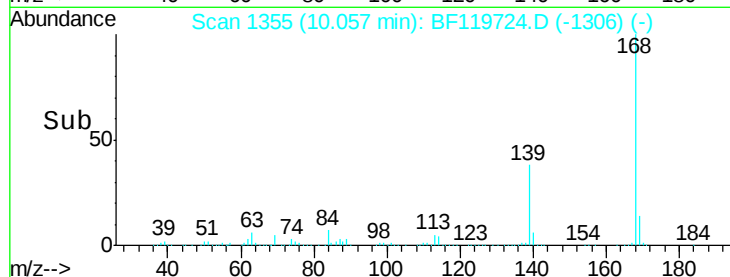


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

Time--> 9.95 10.00 10.05 10.10



#56

4-Nitrophenol

Concen: 93.940 ng

RT: 9.97 min Scan# 1341

Delta R.T. 0.01 min

Lab File: BF119724.D

Acq: 3 Apr 2020 17:29

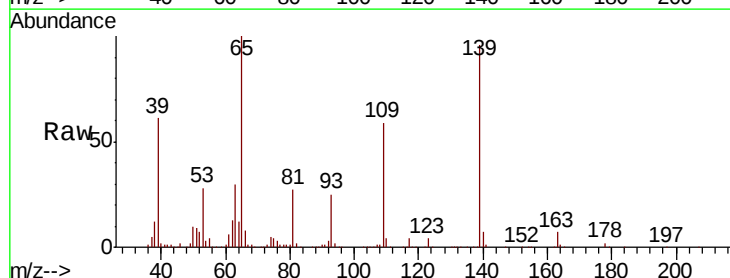
Tgt Ion:139 Resp: 608444

Ion Ratio Lower Upper

139 100

109 60.9 43.3 83.3

65 103.9 91.0 131.0

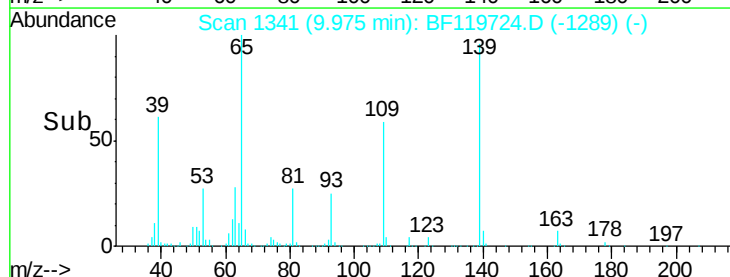


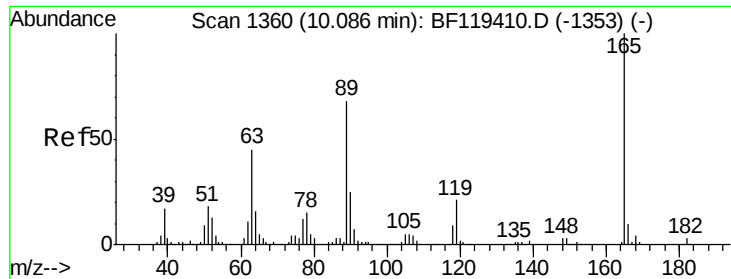
Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

Time--> 9.90 9.95 10.00





#57

2,4-Dinitrotoluene

Concen: 63.355 ng

RT: 10.05 min Scan# 1353

Delta R.T. -0.01 min

Lab File: BF119724.D

Acq: 3 Apr 2020 17:29

Instrument :

BNA_F

ClientSampleId :

239-WC-S-SB-01MS

Tot Ion:165 Resp: 519031

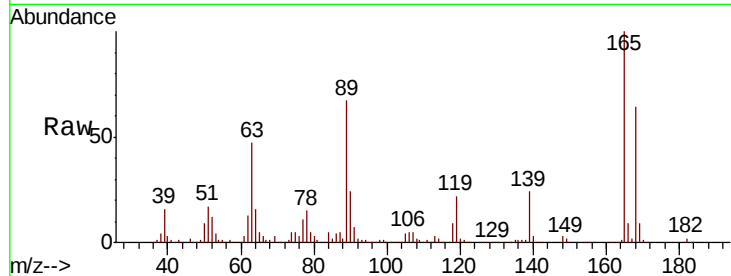
Ion Ratio Lower Upper

165 100

63 47.1 42.6 64.0

89 67.0 61.0 91.4

182 2.5 2.2 3.2

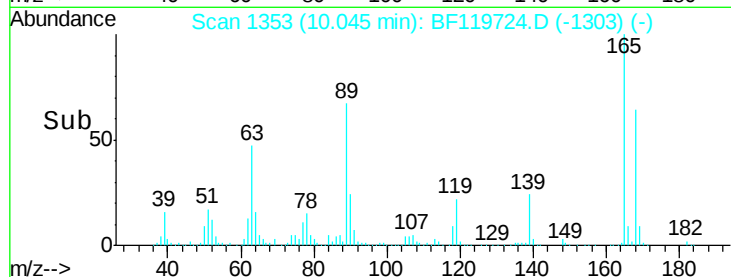


Abundance Ion 165.00 (164.70 to 165.70): E

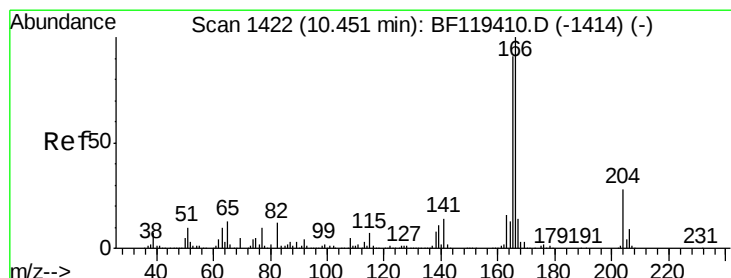
Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



Time--> 9.90 10.00 10.10



#58

Fluorene

Concen: 54.519 ng

RT: 10.40 min Scan# 1414

Delta R.T. -0.01 min

Lab File: BF119724.D

Acq: 3 Apr 2020 17:29

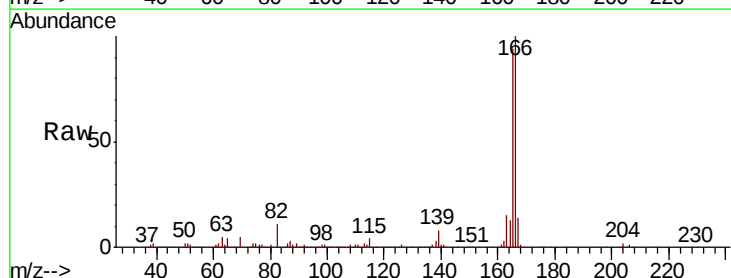
Tgt Ion:166 Resp: 1542085

Ion Ratio Lower Upper

166 100

165 94.5 75.4 113.2

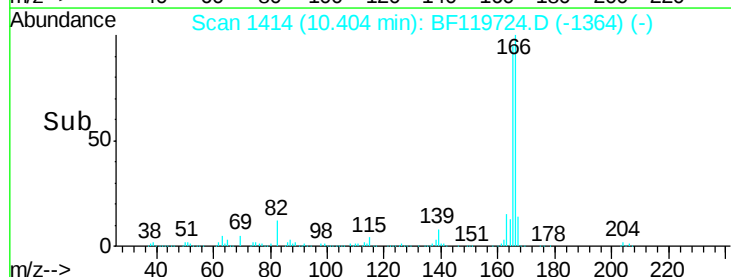
167 13.9 11.2 16.8



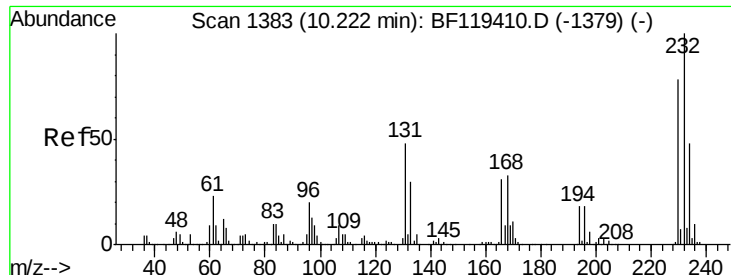
Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



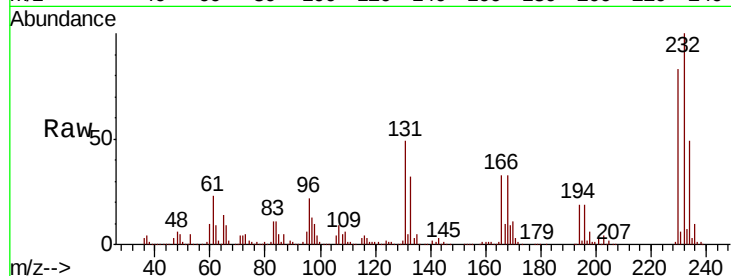
Time--> 10.35 10.40 10.45



#59
 2,3,4,6-Tetrachlorophenol
 Concen: 55.167 ng
 RT: 10.17 min Scan# 1375
 Delta R.T. -0.01 min
 Lab File: BF119724.D
 Acq: 3 Apr 2020 17:29

Instrument :
 BNA_F
 ClientSampleId :
 239-WC-S-SB-01MS

Tot Ion	Ratio	Lower	Upper
232	100		
131	44.5	37.5	56.3
130	2.1	1.8	2.6
166	30.9	24.6	36.8

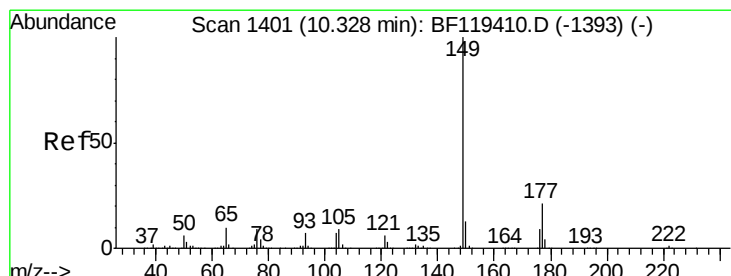
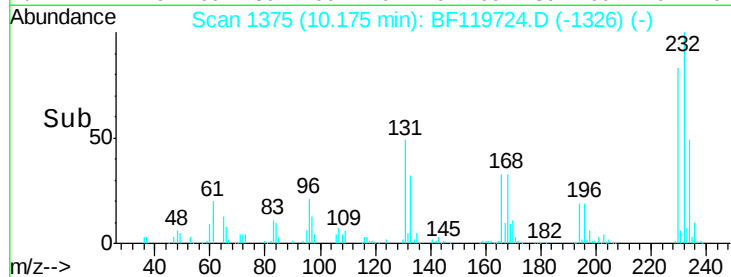
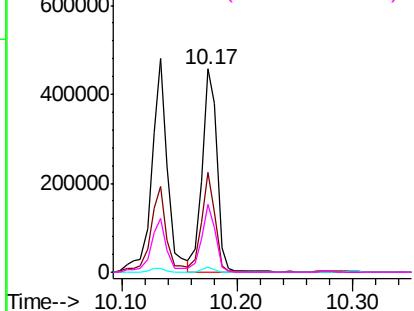


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

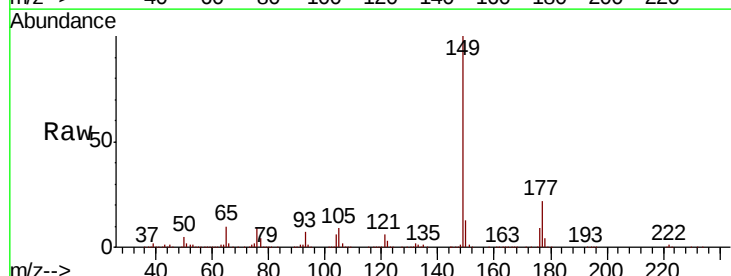
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 55.206 ng
 RT: 10.28 min Scan# 1393
 Delta R.T. -0.01 min
 Lab File: BF119724.D
 Acq: 3 Apr 2020 17:29

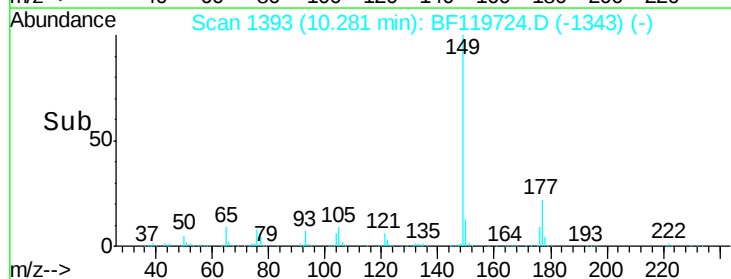
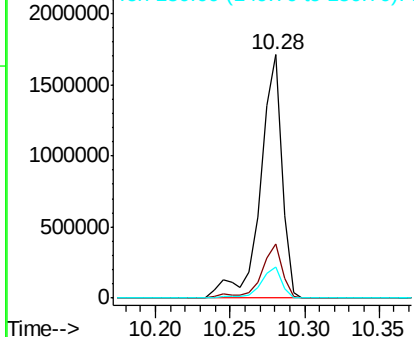
Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.4	17.0	25.6
150	12.9	10.1	15.1

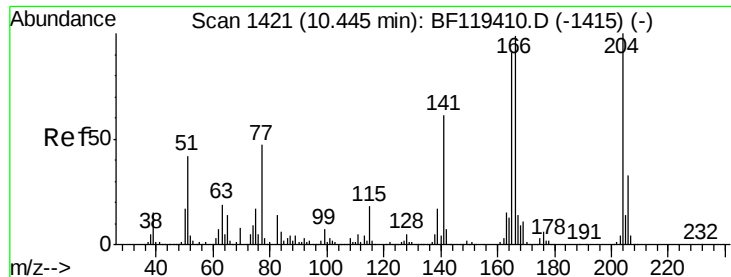


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





#61

4-Chlorophenyl-phenylether

Concen: 52.882 ng

RT: 10.39 min Scan# 1412

Delta R.T. -0.01 min

Lab File: BF119724.D

Acq: 3 Apr 2020 17:29

Instrument :

BNA_F

ClientSampleId :

239-WC-S-SB-01MS

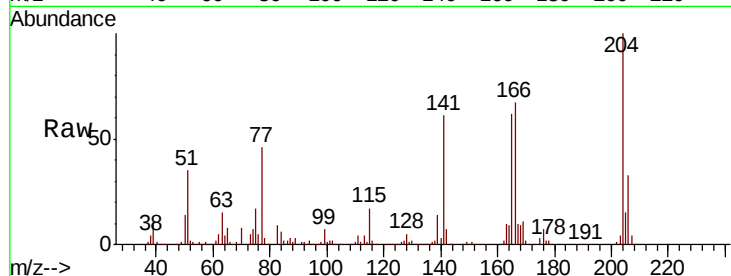
Tot Ion:204 Resp: 731456

Ion Ratio Lower Upper

204 100

206 33.3 26.7 40.1

141 60.9 47.3 70.9

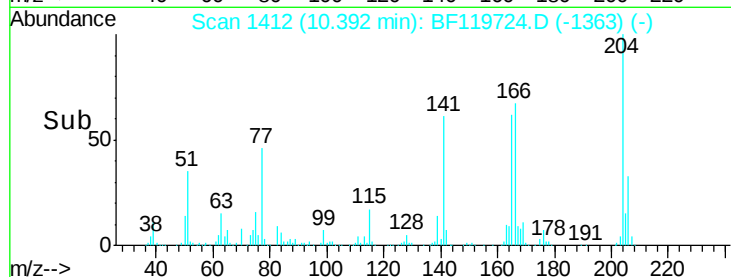


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

Time-->



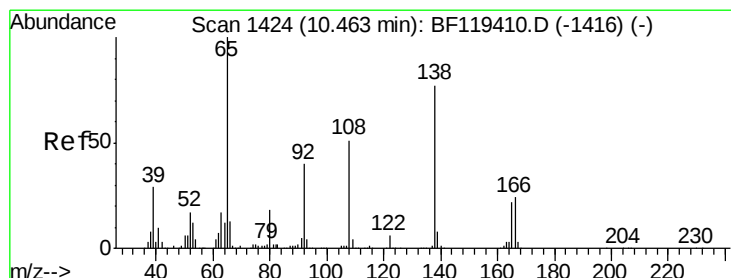
Abundance

Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

Time-->



#62

4-Nitroaniline

Concen: 46.834 ng

RT: 10.43 min Scan# 1418

Delta R.T. -0.01 min

Lab File: BF119724.D

Acq: 3 Apr 2020 17:29

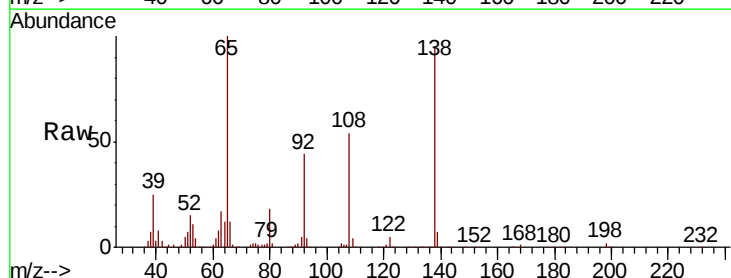
Tgt Ion:138 Resp: 368737

Ion Ratio Lower Upper

138 100

92 46.6 31.5 71.5

108 57.3 45.8 85.8

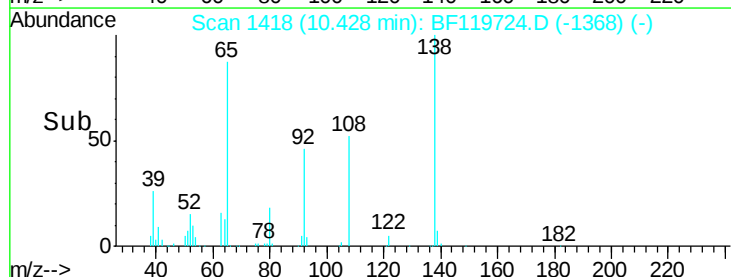


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E

Time-->



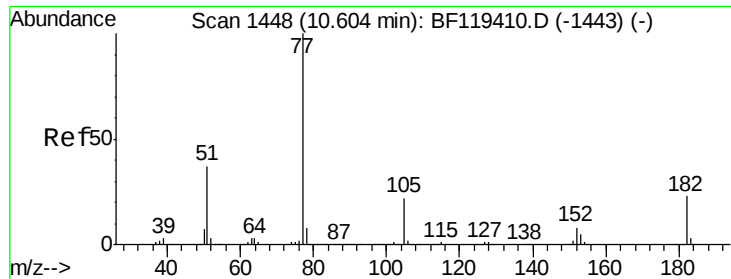
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E

Time-->



#63

Azobenzene

Concen: 51.587 ng

RT: 10.55 min Scan# 1439

Delta R.T. -0.01 min

Lab File: BF119724.D

Acq: 3 Apr 2020 17:29

Instrument :

BNA_F

ClientSampleId :

239-WC-S-SB-01MS

Tot Ion: 77 Resp: 1599721

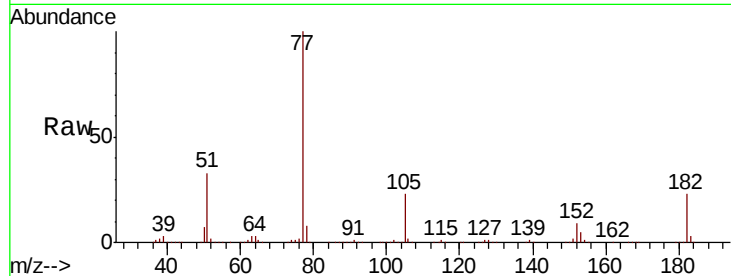
Ion Ratio Lower Upper

77 100

182 23.5 4.4 44.4

105 22.7 2.6 42.6

51 33.4 15.1 55.1

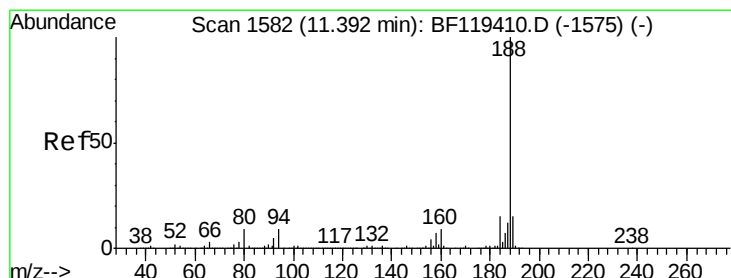
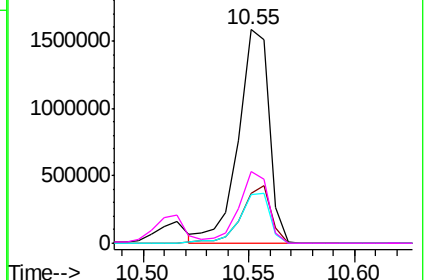
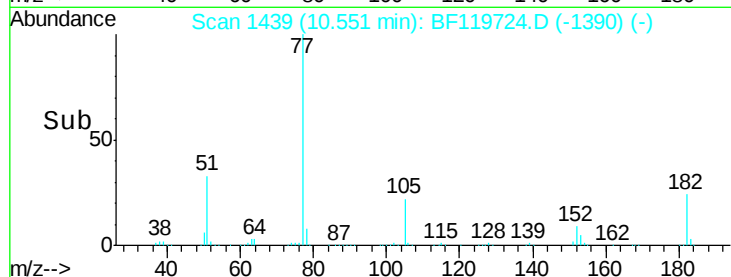


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.34 min Scan# 1573

Delta R.T. -0.01 min

Lab File: BF119724.D

Acq: 3 Apr 2020 17:29

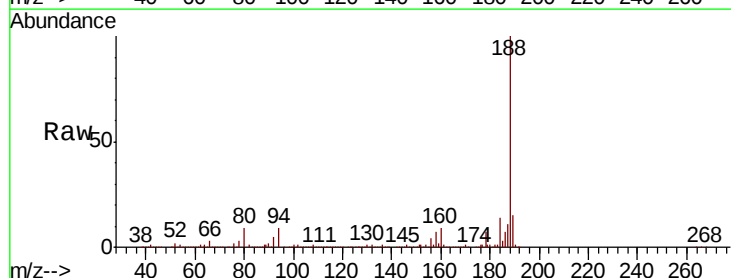
Tgt Ion: 188 Resp: 813773

Ion Ratio Lower Upper

188 100

94 9.1 7.5 11.3

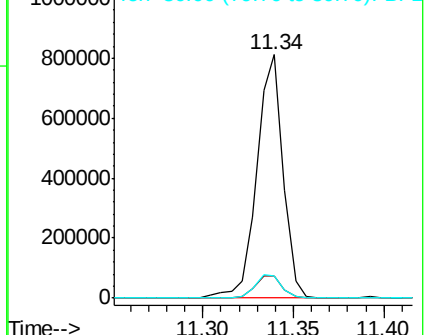
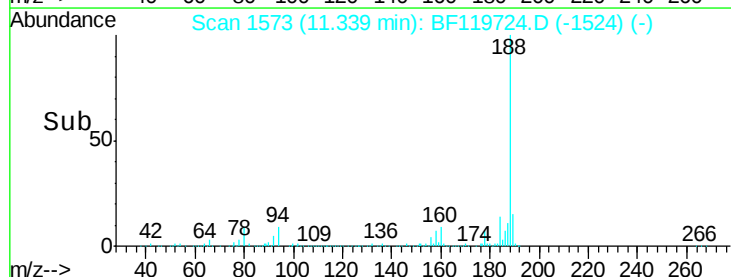
80 9.1 9.0 13.4

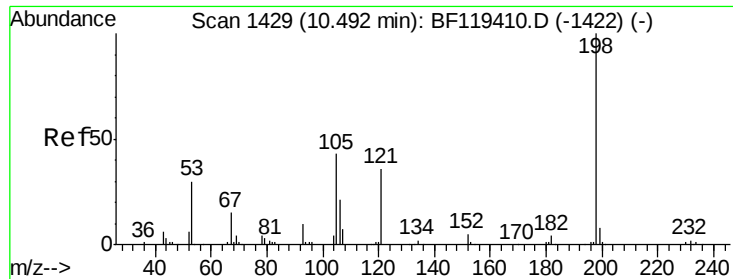


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

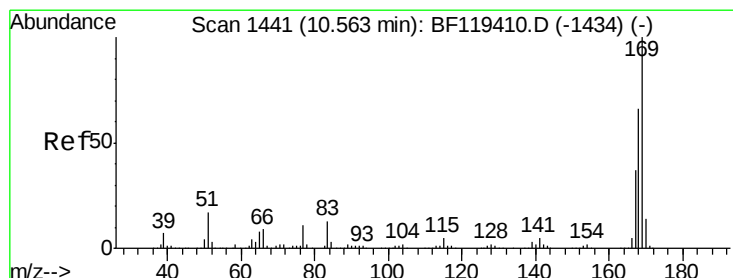
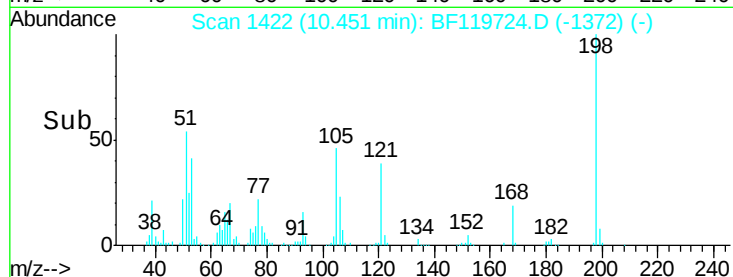
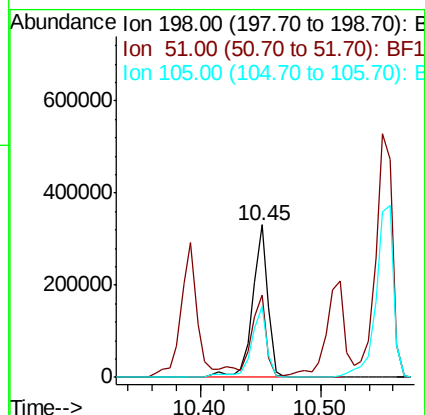
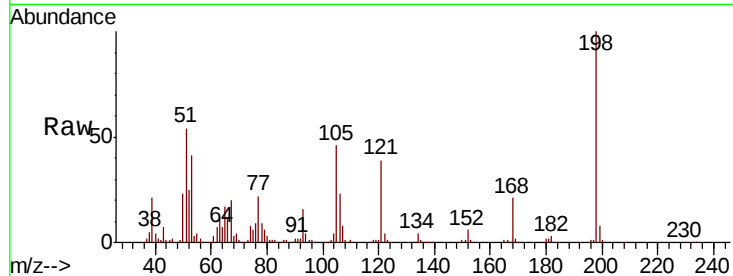




#65
 4,6-Dinitro-2-methylphenol
 Concen: 86.090 ng
 RT: 10.45 min Scan# 1422
 Delta R.T. -0.01 min
 Lab File: BF119724.D
 Acq: 3 Apr 2020 17:29

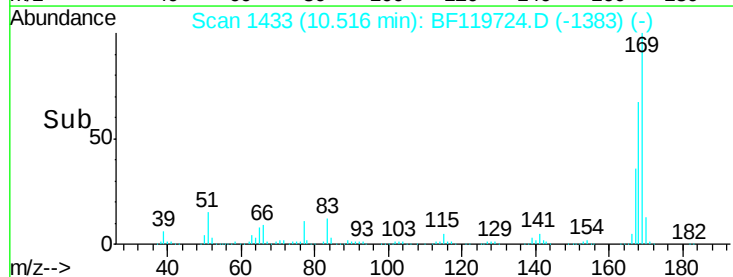
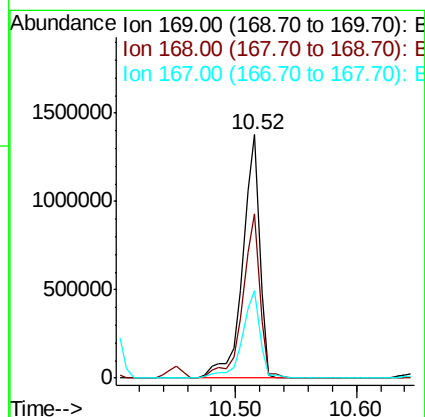
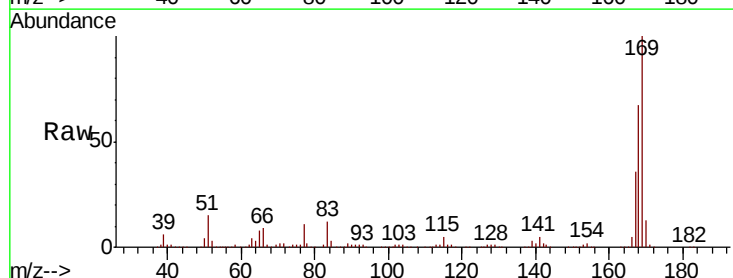
Instrument :
 BNA_F
 ClientSampleId :
 239-WC-S-SB-01MS

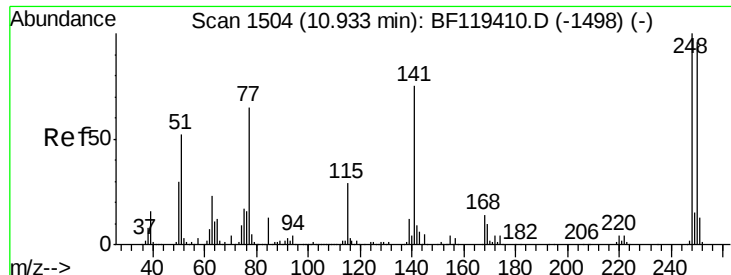
Tot Ion:198 Resp: 293772
 Ion Ratio Lower Upper
 198 100
 51 54.1 29.0 69.0
 105 46.1 22.2 62.2



#66
 n-Nitrosodiphenylamine
 Concen: 51.042 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. -0.01 min
 Lab File: BF119724.D
 Acq: 3 Apr 2020 17:29

Tgt Ion:169 Resp: 1363578
 Ion Ratio Lower Upper
 169 100
 168 67.4 53.2 79.8
 167 36.1 29.1 43.7

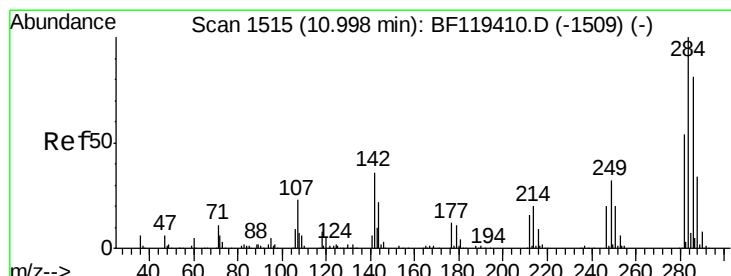
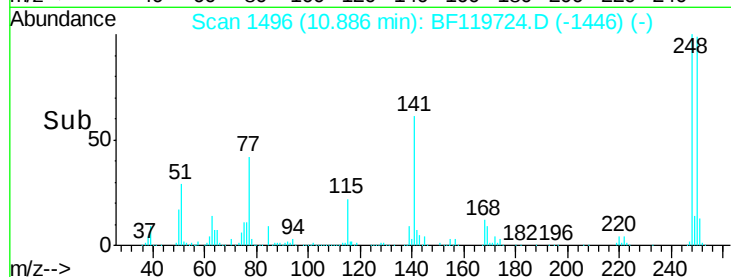
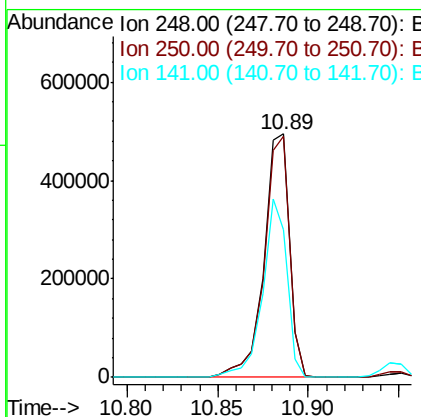
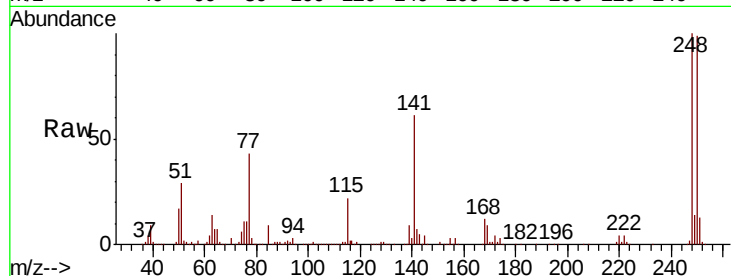




#67
 4-Bromophenyl-phenylether
 Concen: 52.742 ng
 RT: 10.89 min Scan# 1496
 Delta R.T. -0.01 min
 Lab File: BF119724.D
 Acq: 3 Apr 2020 17:29

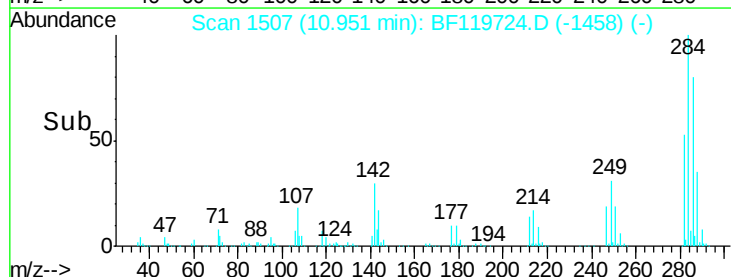
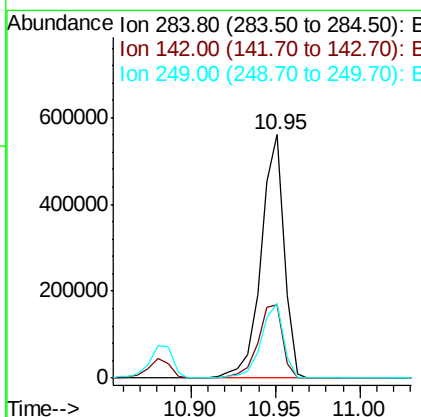
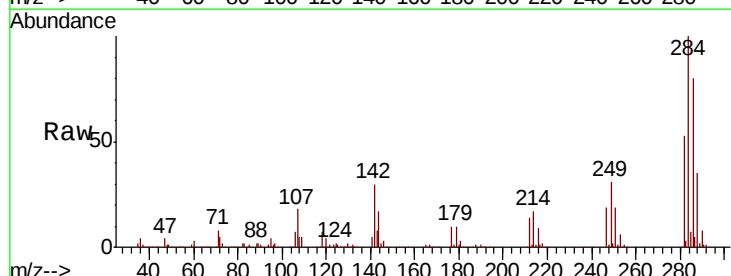
Instrument :
 BNA_F
 ClientSampleId :
 239-WC-S-SB-01MS

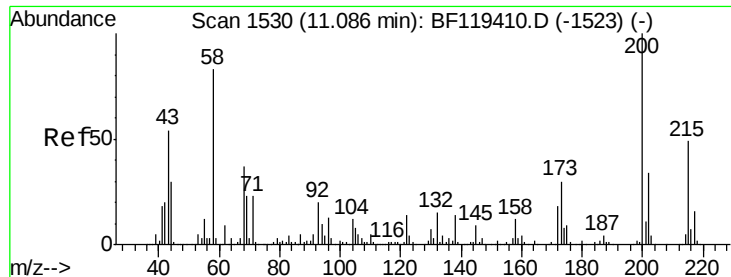
Tot Ion:	248	Resp:	488802
Ion	Ratio	Lower	Upper
248	100		
250	99.2	77.3	115.9
141	60.5	58.6	87.8



#68
 Hexachlorobenzene
 Concen: 55.835 ng
 RT: 10.95 min Scan# 1507
 Delta R.T. -0.01 min
 Lab File: BF119724.D
 Acq: 3 Apr 2020 17:29

Tgt Ion:	284	Resp:	529621
Ion	Ratio	Lower	Upper
284	100		
142	30.0	29.2	43.8
249	30.7	25.1	37.7





#69

Atrazine

Concen: 44.718 ng

RT: 11.04 min Scan# 1522

Delta R.T. -0.01 min

Lab File: BF119724.D

Acq: 3 Apr 2020 17:29

Instrument :

BNA_F

ClientSampleId :

239-WC-S-SB-01MS

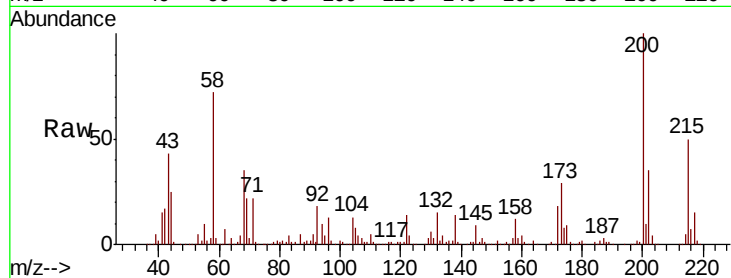
Tot Ion:200 Resp: 327513

Ion Ratio Lower Upper

200 100

173 28.7 9.3 49.3

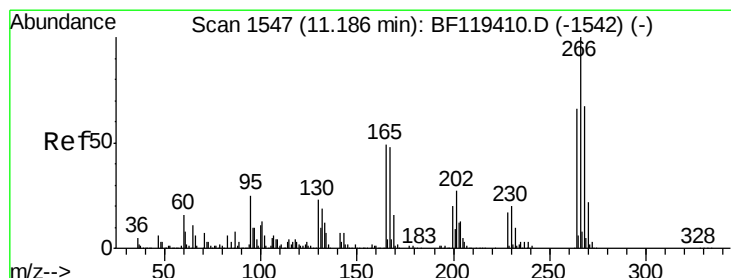
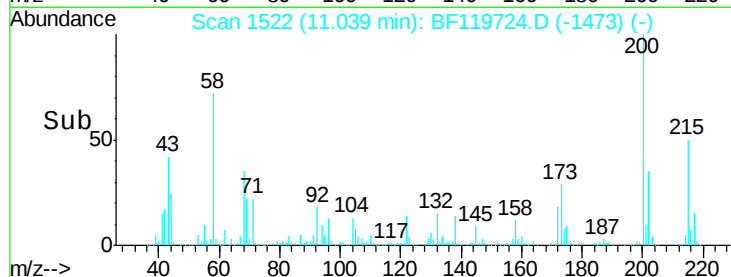
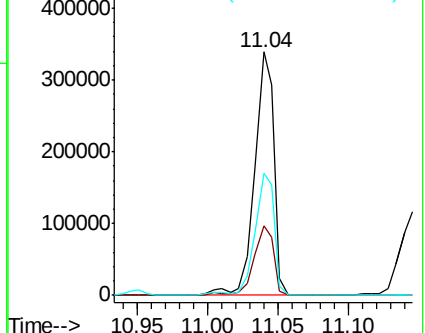
215 49.9 29.5 69.5



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: 109.445 ng

RT: 11.15 min Scan# 1540

Delta R.T. -0.01 min

Lab File: BF119724.D

Acq: 3 Apr 2020 17:29

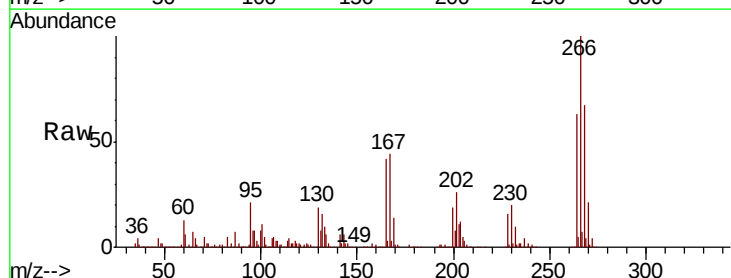
Tgt Ion:266 Resp: 608714

Ion Ratio Lower Upper

266 100

268 67.0 53.3 79.9

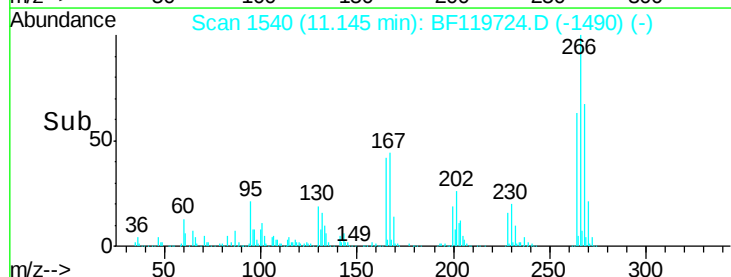
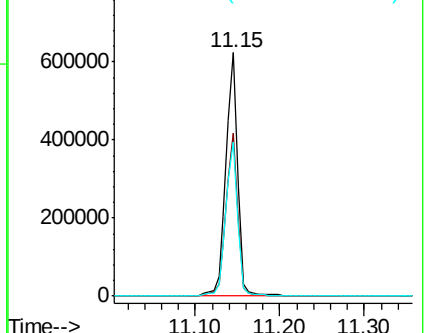
264 63.2 49.0 73.4

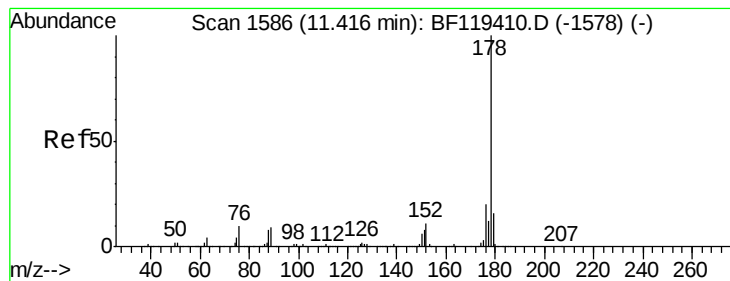


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 54.581 ng

RT: 11.36 min Scan# 1577

Delta R.T. -0.01 min

Lab File: BF119724.D

Acq: 3 Apr 2020 17:29

Instrument :

BNA_F

ClientSampleId :

239-WC-S-SB-01MS

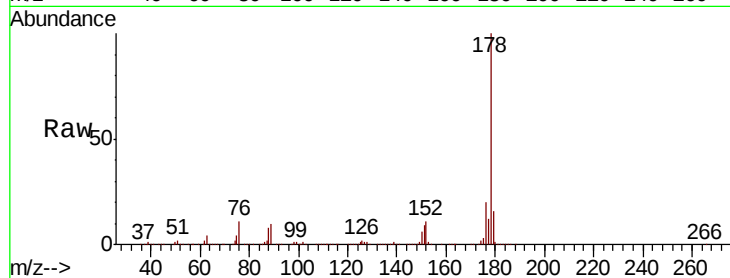
Tot Ion:178 Resp: 2303104

Ion Ratio Lower Upper

178 100

176 20.1 16.2 24.4

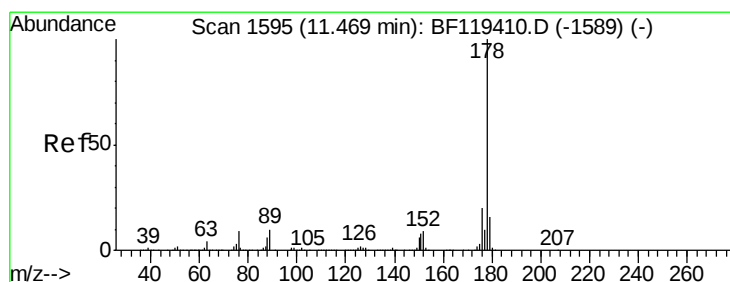
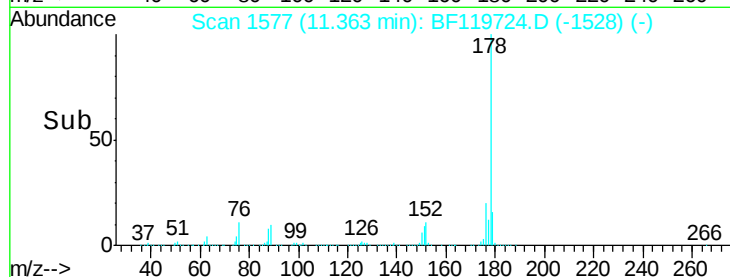
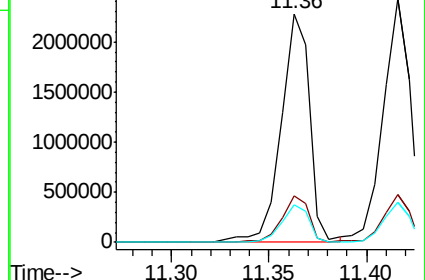
179 16.5 13.2 19.8



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: 53.703 ng

RT: 11.42 min Scan# 1586

Delta R.T. -0.01 min

Lab File: BF119724.D

Acq: 3 Apr 2020 17:29

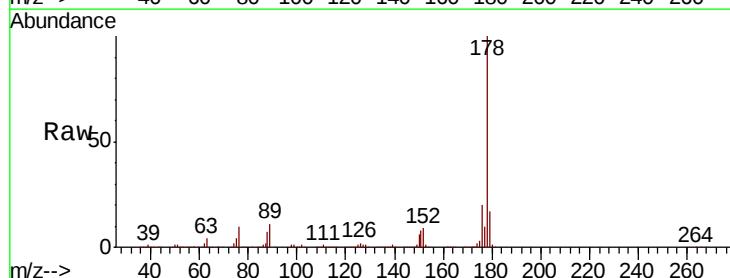
Tgt Ion:178 Resp: 2303095

Ion Ratio Lower Upper

178 100

176 19.6 16.1 24.1

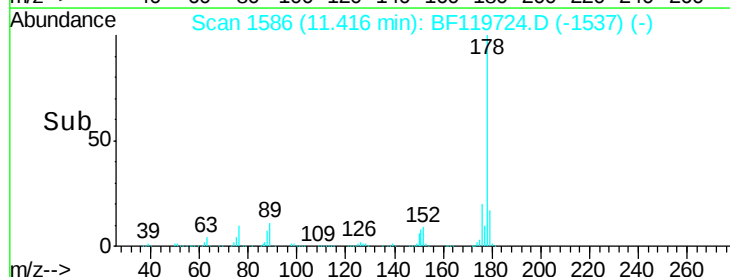
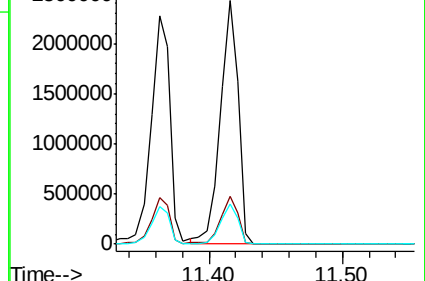
179 16.6 13.0 19.4

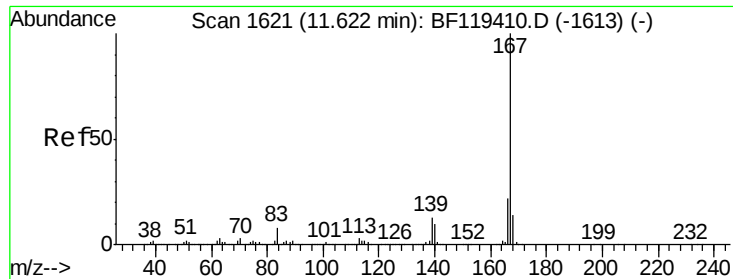


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

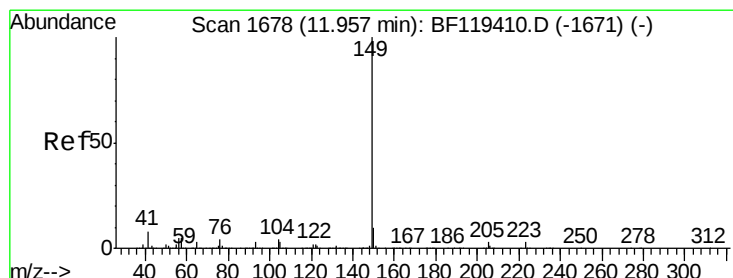
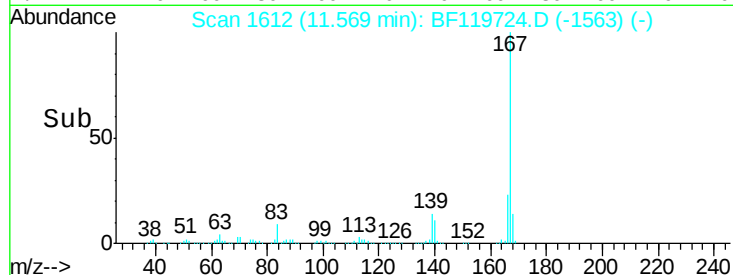
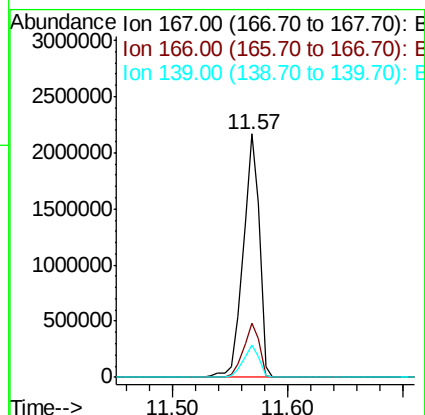
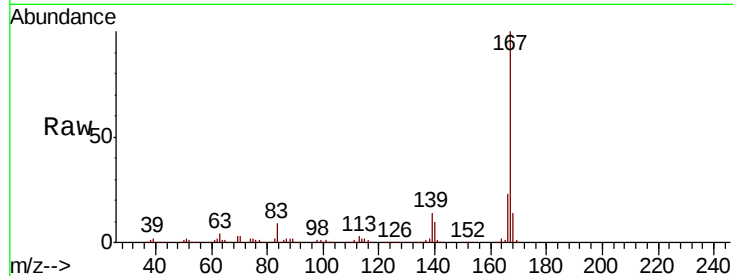




#73
 Carbazole
 Concen: 49.710 ng
 RT: 11.57 min Scan# 1612
 Delta R.T. -0.01 min
 Lab File: BF119724.D
 Acq: 3 Apr 2020 17:29

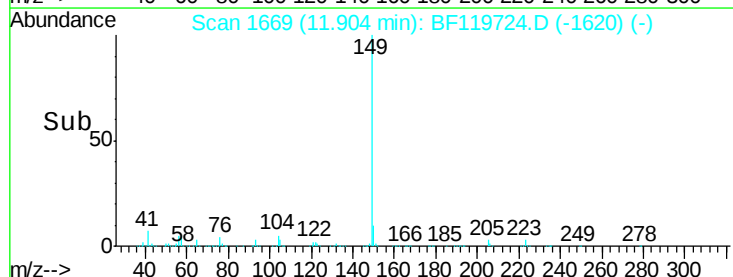
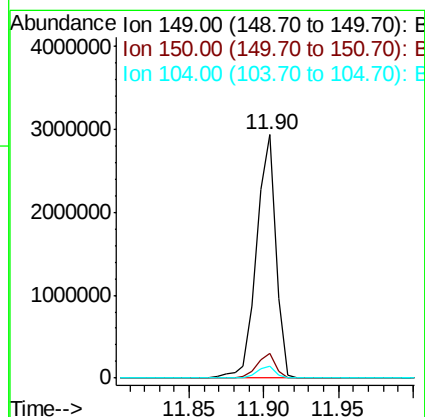
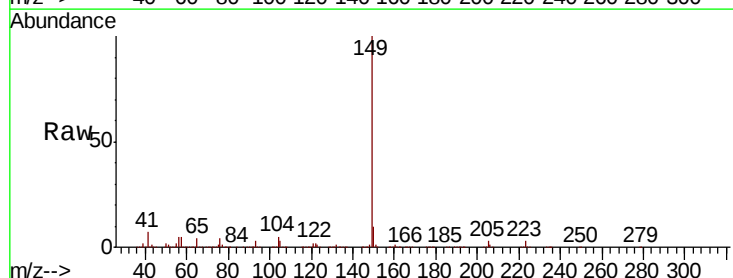
Instrument :
 BNA_F
 ClientSampleId :
 239-WC-S-SB-01MS

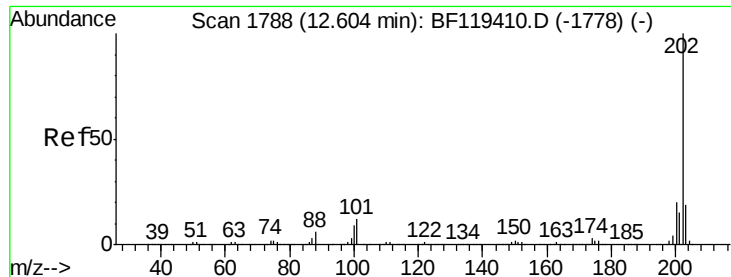
Tot Ion:167 Resp: 2110101
 Ion Ratio Lower Upper
 167 100
 166 22.5 18.2 27.4
 139 13.6 10.7 16.1



#74
 Di-n-butylphthalate
 Concen: 57.250 ng
 RT: 11.90 min Scan# 1669
 Delta R.T. -0.01 min
 Lab File: BF119724.D
 Acq: 3 Apr 2020 17:29

Tgt Ion:149 Resp: 2599652
 Ion Ratio Lower Upper
 149 100
 150 10.0 7.8 11.8
 104 4.7 3.6 5.4

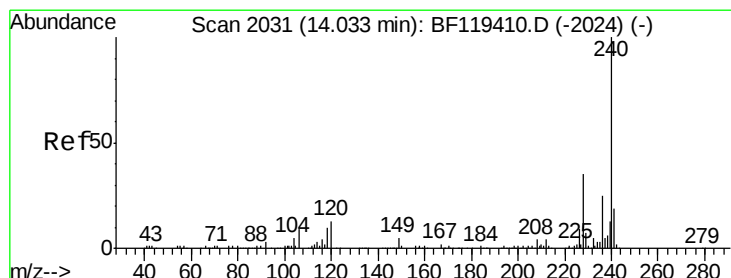
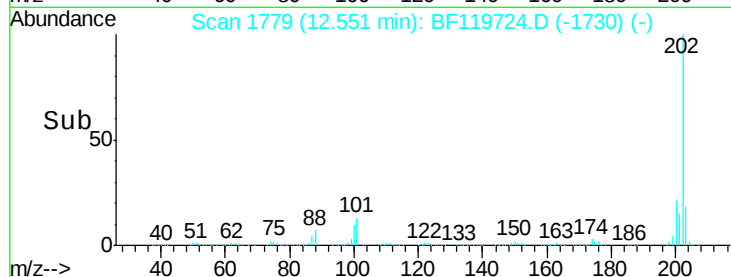
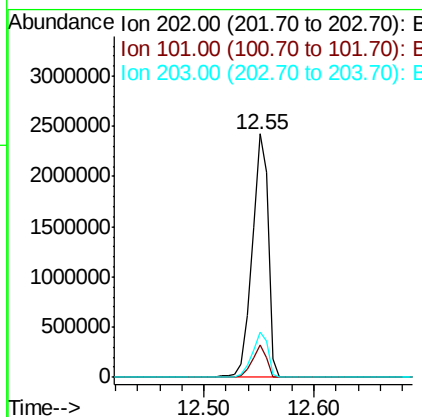
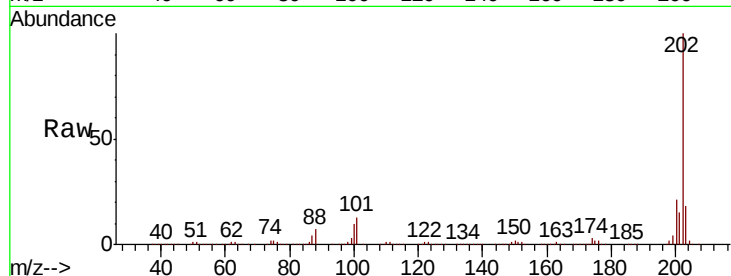




#75
 Fluoranthene
 Concen: 54.126 ng
 RT: 12.55 min Scan# 1779
 Delta R.T. -0.01 min
 Lab File: BF119724.D
 Acq: 3 Apr 2020 17:29

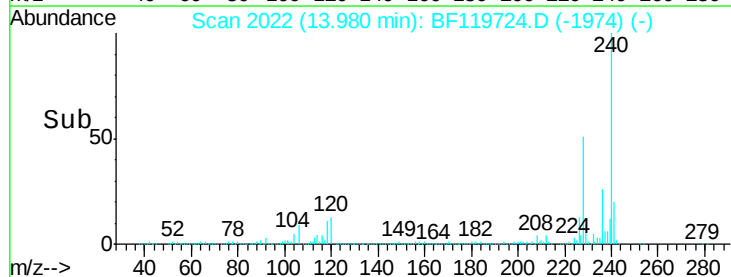
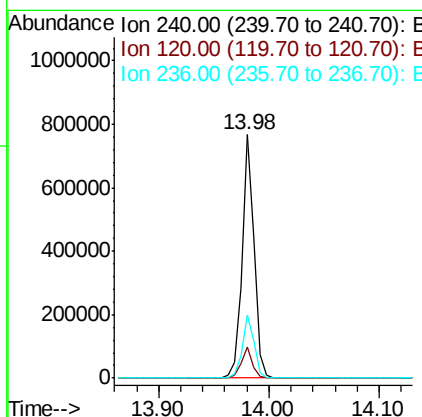
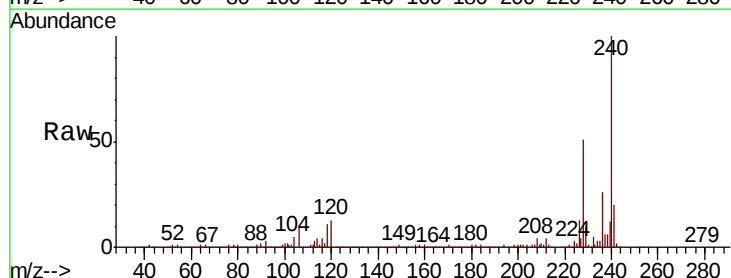
Instrument :
 BNA_F
 ClientSampleId :
 239-WC-S-SB-01MS

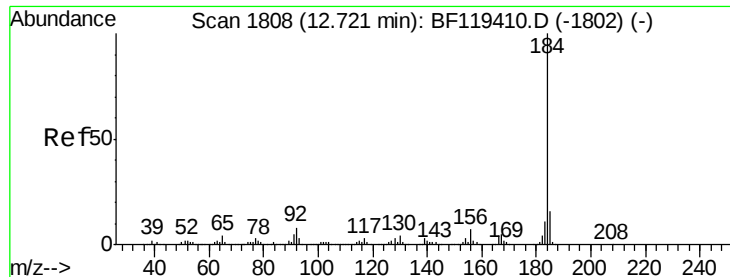
Tot Ion:202 Resp: 2471738
 Ion Ratio Lower Upper
 202 100
 101 13.1 0.0 32.2
 203 18.5 0.0 38.8



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.98 min Scan# 2022
 Delta R.T. -0.02 min
 Lab File: BF119724.D
 Acq: 3 Apr 2020 17:29

Tgt Ion:240 Resp: 581892
 Ion Ratio Lower Upper
 240 100
 120 12.9 10.6 15.8
 236 25.8 20.2 30.2





#77

Benzidine

Concen: 2.391 ng

RT: 12.67 min Scan# 1799

Delta R.T. -0.02 min

Lab File: BF119724.D

Acq: 3 Apr 2020 17:29

Instrument :

BNA_F

ClientSampleId :

239-WC-S-SB-01MS

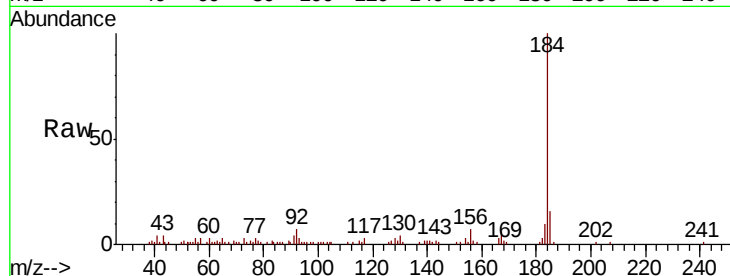
Tot Ion:184 Resp: 58869

Ion Ratio Lower Upper

184 100

185 15.6 12.3 18.5

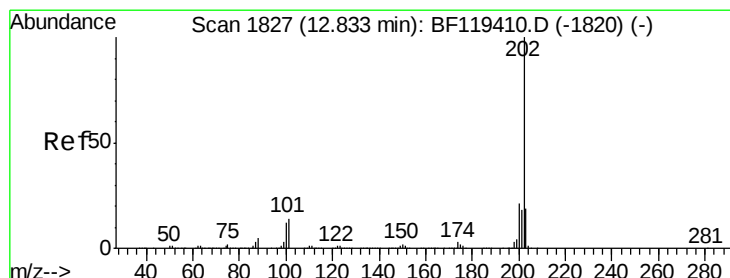
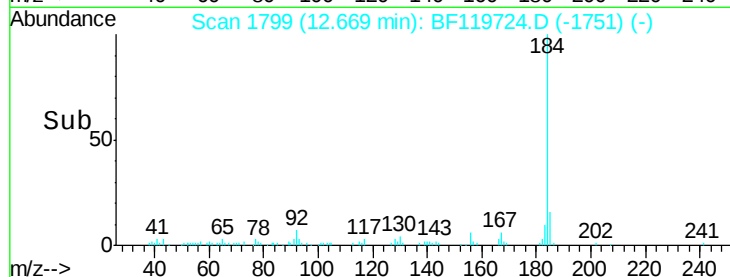
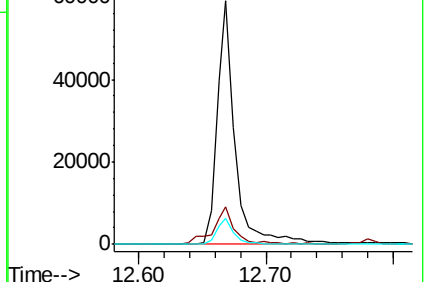
183 10.5 9.0 13.6



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: 52.342 ng

RT: 12.78 min Scan# 1818

Delta R.T. -0.01 min

Lab File: BF119724.D

Acq: 3 Apr 2020 17:29

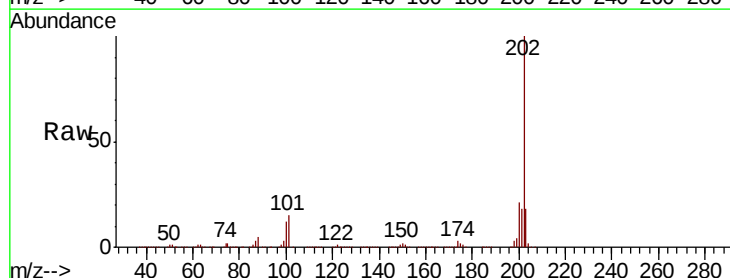
Tgt Ion:202 Resp: 2499610

Ion Ratio Lower Upper

202 100

200 20.8 16.8 25.2

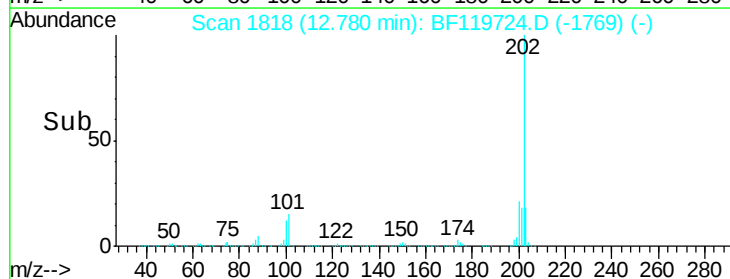
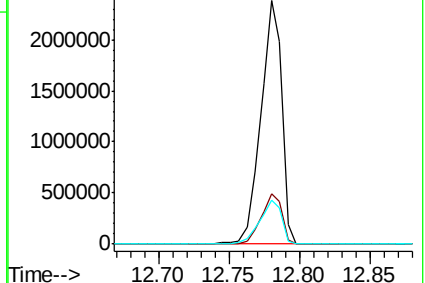
203 18.3 15.1 22.7

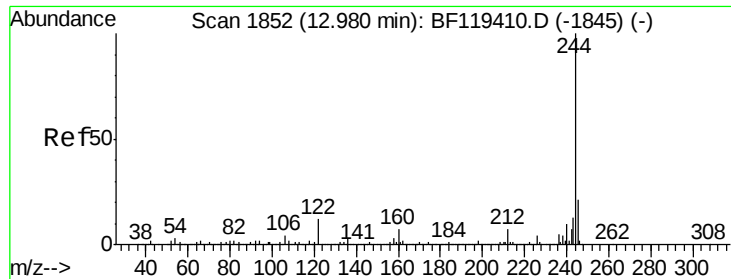


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

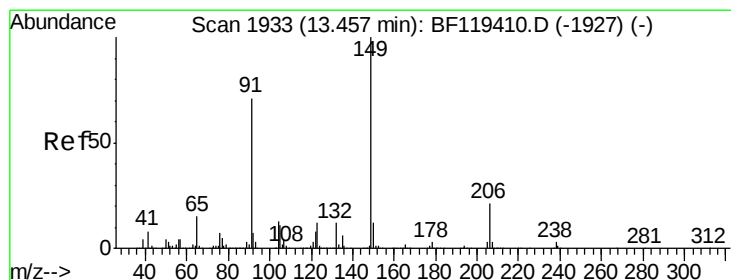
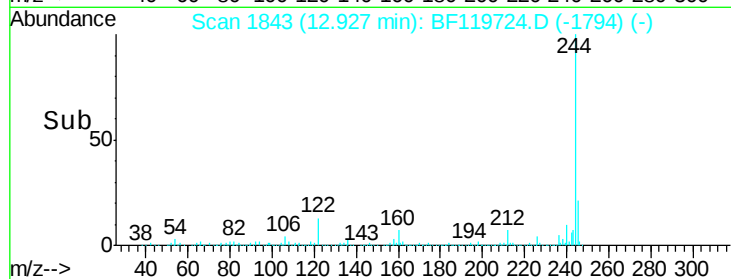
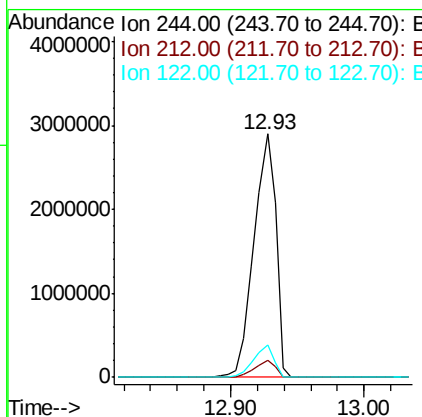
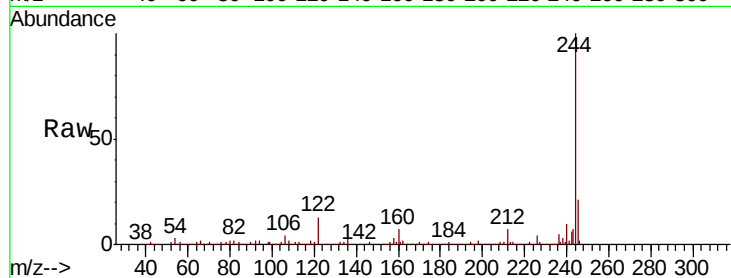




#79
 Terphenyl-d14
 Concen: 109.814 ng
 RT: 12.93 min Scan# 1843
 Delta R.T. -0.01 min
 Lab File: BF119724.D
 Acq: 3 Apr 2020 17:29

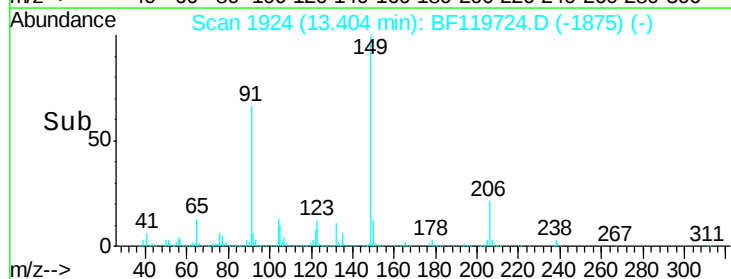
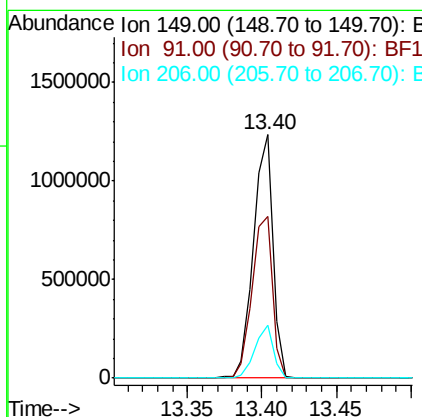
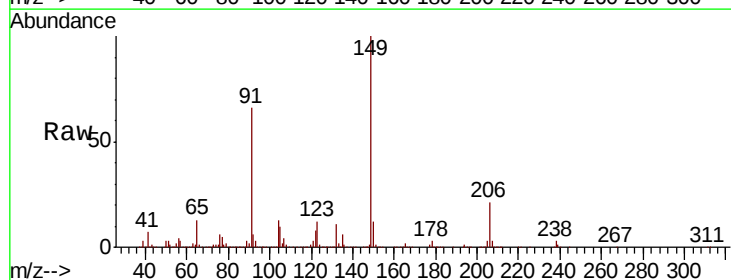
Instrument :
 BNA_F
 ClientSampleId :
 239-WC-S-SB-01MS

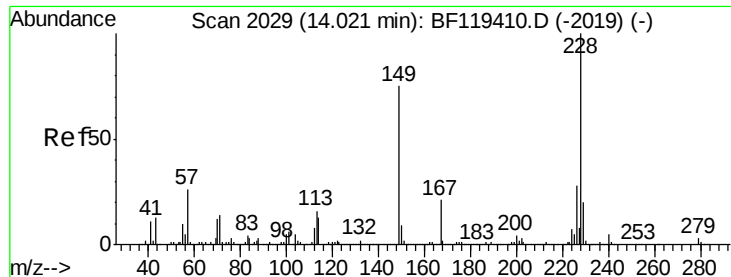
Tot Ion:244 Resp: 3261517
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.8 8.8
 122 13.3 10.3 15.5



#80
 Butylbenzylphthalate
 Concen: 57.286 ng
 RT: 13.40 min Scan# 1924
 Delta R.T. -0.01 min
 Lab File: BF119724.D
 Acq: 3 Apr 2020 17:29

Tgt Ion:149 Resp: 1106467
 Ion Ratio Lower Upper
 149 100
 91 66.5 54.7 82.1
 206 21.5 16.2 24.2

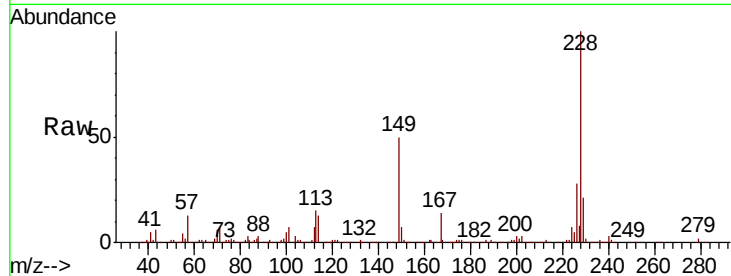




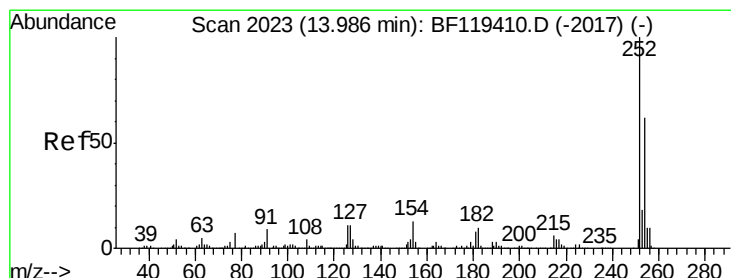
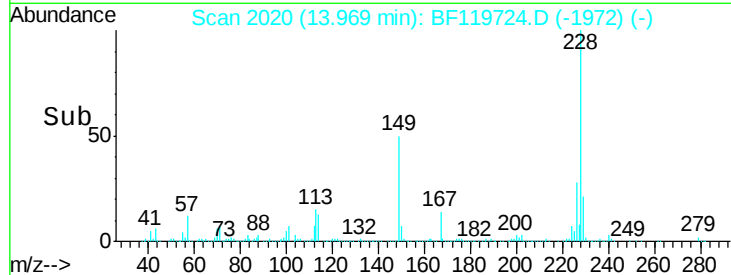
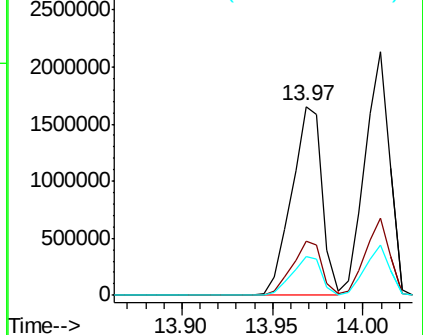
#81
Benzo(a)anthracene
Concen: 51.567 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.02 min
Lab File: BF119724.D
Acq: 3 Apr 2020 17:29

Instrument :
BNA_F
ClientSampleId :
239-WC-S-SB-01MS

Tot Ion:228 Resp: 1951280
Ion Ratio Lower Upper
228 100
226 28.4 21.8 32.8
229 20.8 16.2 24.4

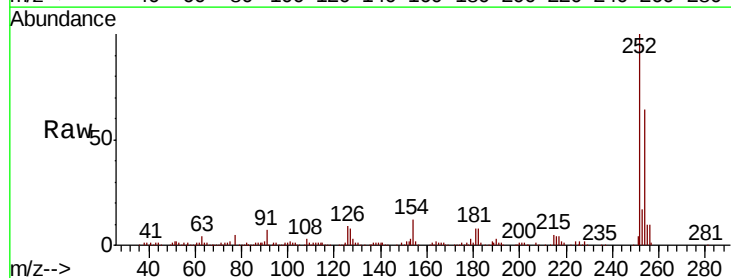


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

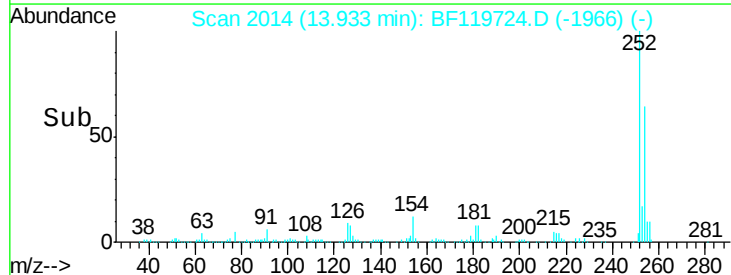
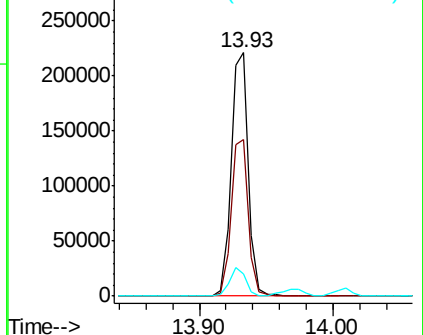


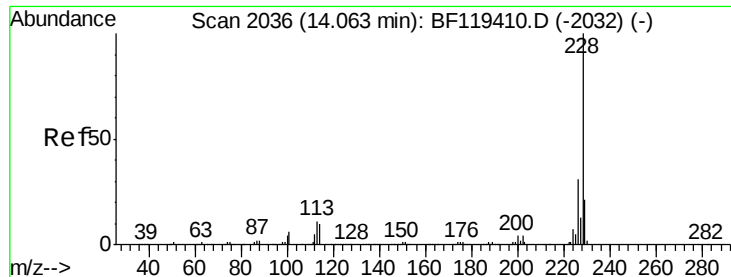
#82
3,3'-Dichlorobenzidine
Concen: 13.344 ng
RT: 13.93 min Scan# 2014
Delta R.T. -0.02 min
Lab File: BF119724.D
Acq: 3 Apr 2020 17:29

Tgt Ion:252 Resp: 199091
Ion Ratio Lower Upper
252 100
254 64.3 51.2 76.8
126 9.3 9.6 14.4#



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

Chrvsene

Concen: 52.092 ng

RT: 14.01 min Scan# 2027

Delta R.T. -0.01 min

Lab File: BF119724.D

Acq: 3 Apr 2020 17:29

Instrument :

BNA_F

ClientSampleId :

239-WC-S-SB-01MS

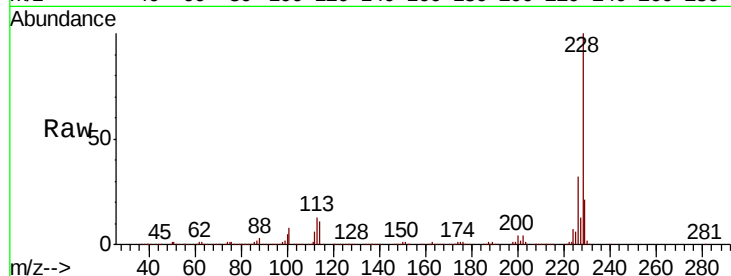
Tot Ion:228 Resp: 2034301

Ion Ratio Lower Upper

228 100

226 31.5 25.4 38.0

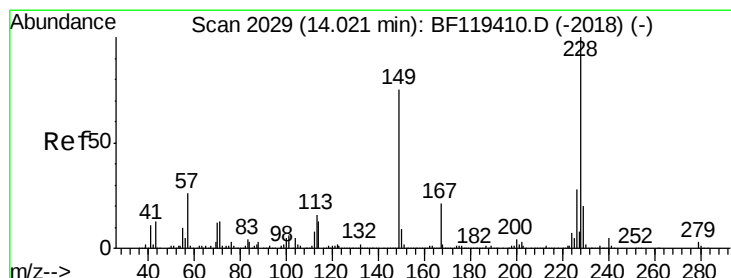
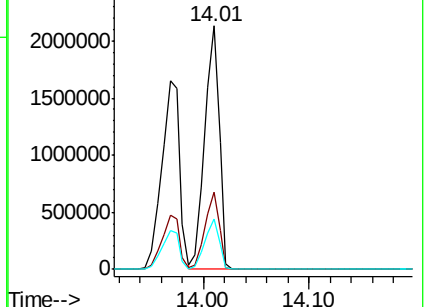
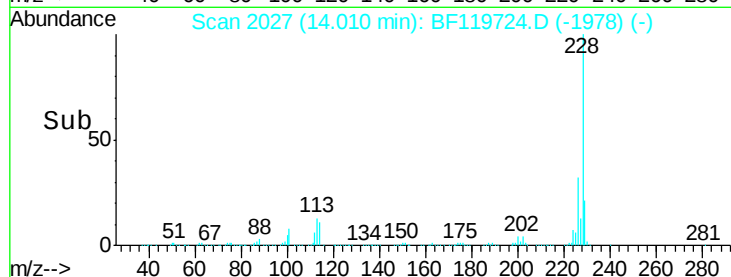
229 20.8 16.6 24.8



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



#84

Bis(2-ethylhexyl)phthalate

Concen: 61.286 ng

RT: 13.96 min Scan# 2019

Delta R.T. -0.01 min

Lab File: BF119724.D

Acq: 3 Apr 2020 17:29

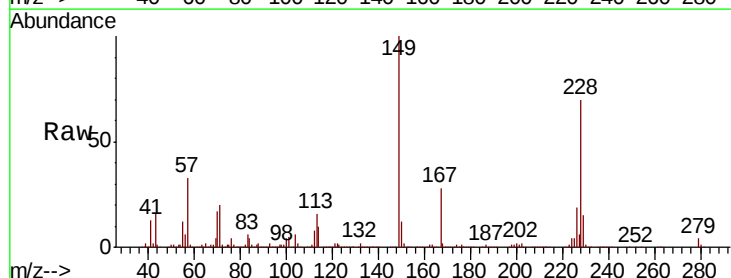
Tgt Ion:149 Resp: 1411117

Ion Ratio Lower Upper

149 100

167 27.7 21.3 31.9

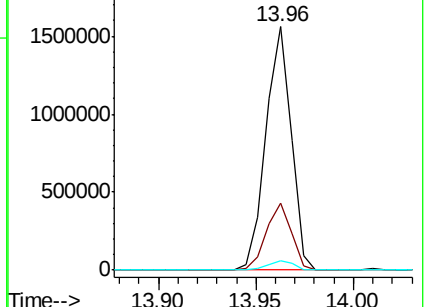
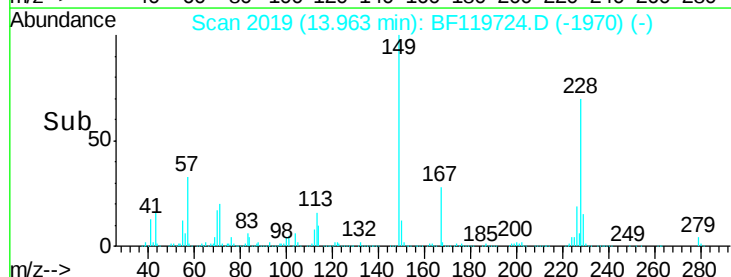
279 4.0 2.7 4.1

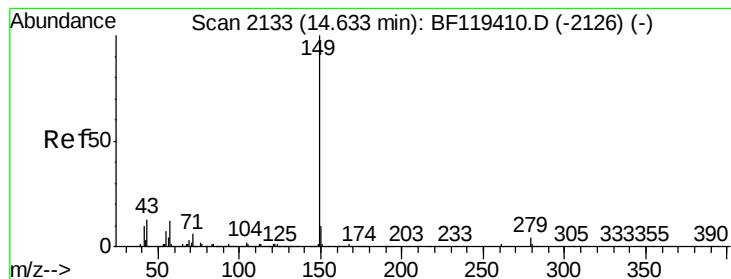


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 62.931 ng

RT: 14.57 min Scan# 2123

Delta R.T. -0.02 min

Lab File: BF119724.D

Acq: 3 Apr 2020 17:29

Instrument :

BNA_F

ClientSampleId :

239-WC-S-SB-01MS

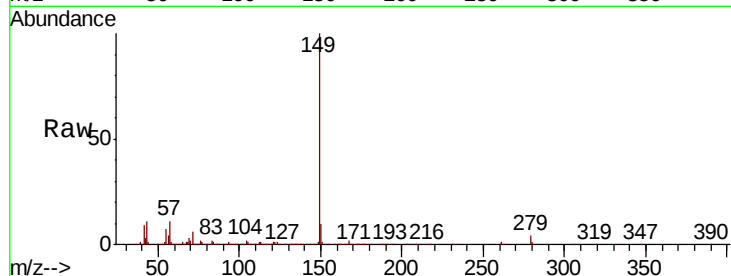
Tot Ion:149 Resp: 2548333

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

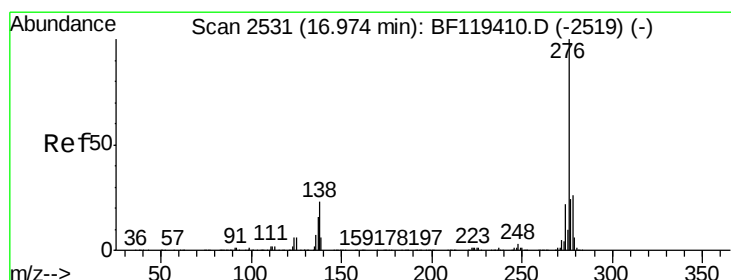
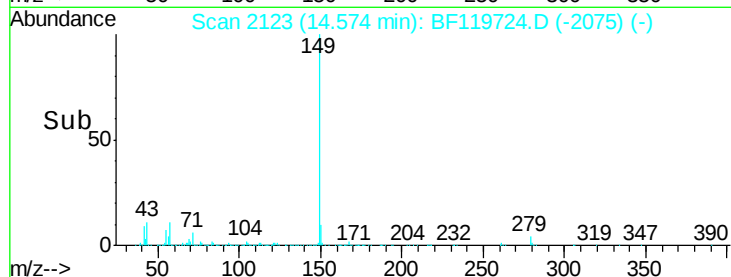
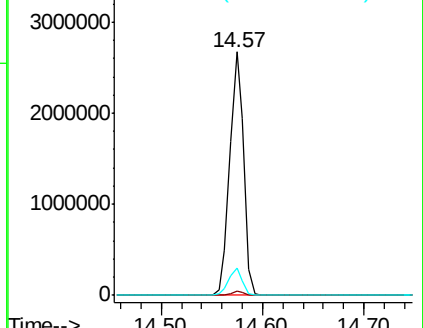
43 10.8 9.3 13.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 53.449 ng

RT: 16.88 min Scan# 2515

Delta R.T. -0.04 min

Lab File: BF119724.D

Acq: 3 Apr 2020 17:29

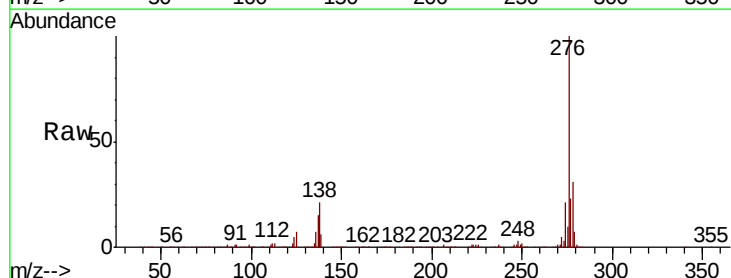
Tgt Ion:276 Resp: 1965802

Ion Ratio Lower Upper

276 100

138 25.0 19.6 29.4

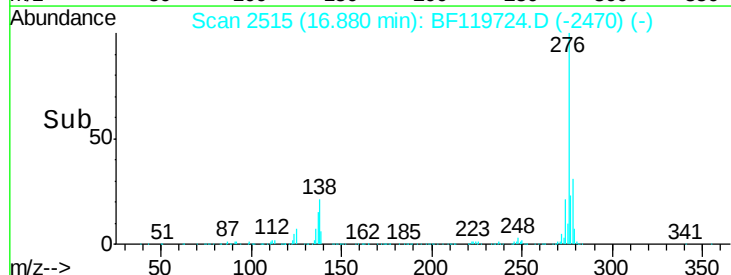
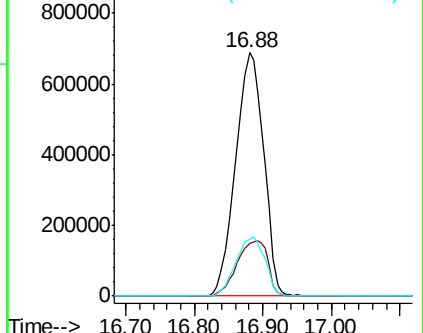
277 25.2 20.0 30.0

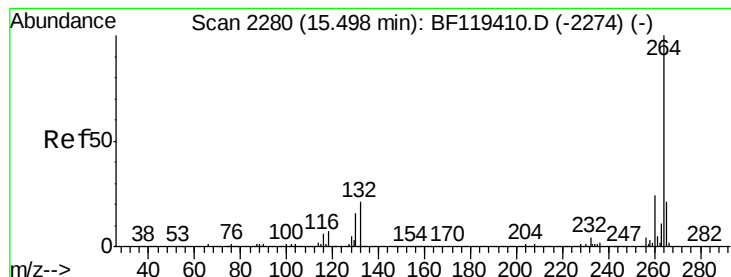


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.43 min Scan# 2269

Delta R.T. -0.02 min

Lab File: BF119724.D

Acq: 3 Apr 2020 17:29

Instrument :

BNA_F

ClientSampleId :

239-WC-S-SB-01MS

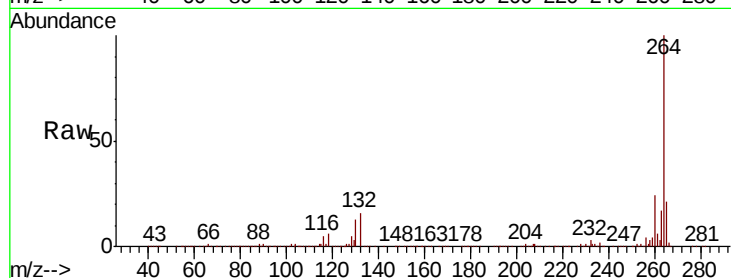
Tot Ion:264 Resp: 532256

Ion Ratio Lower Upper

264 100

260 23.9 18.7 28.1

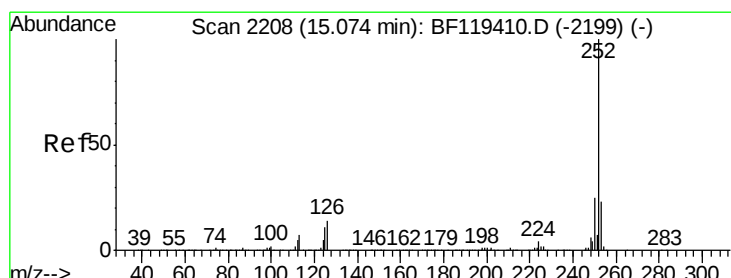
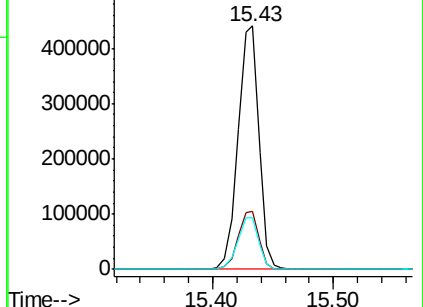
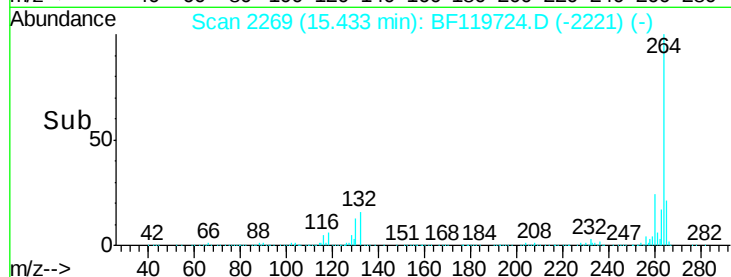
265 21.0 17.7 26.5



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 58.650 ng

RT: 15.02 min Scan# 2198

Delta R.T. -0.01 min

Lab File: BF119724.D

Acq: 3 Apr 2020 17:29

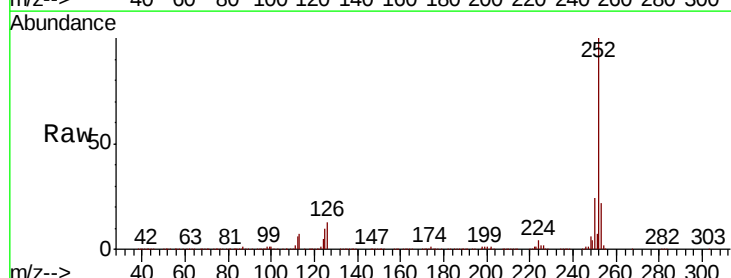
Tgt Ion:252 Resp: 2085271

Ion Ratio Lower Upper

252 100

253 22.1 17.4 26.0

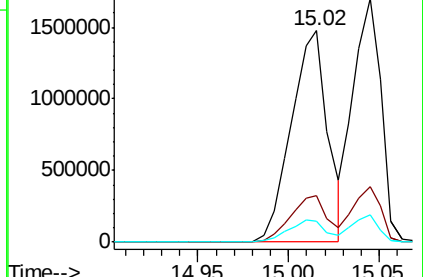
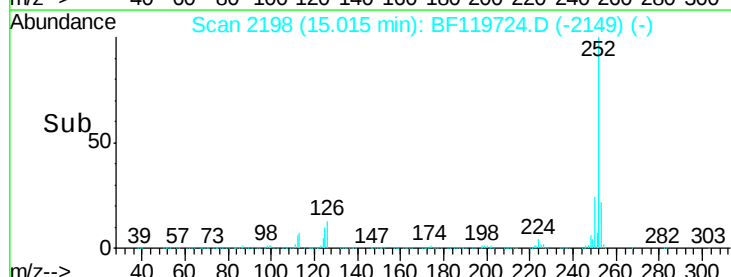
125 10.0 7.9 11.9

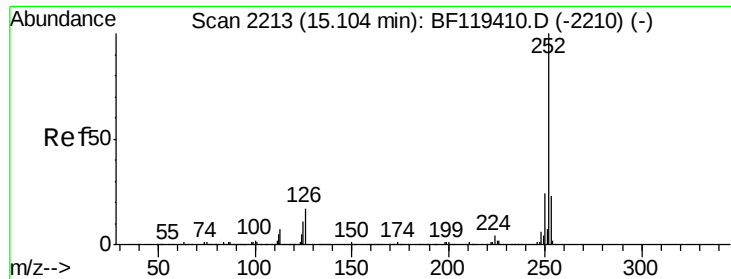


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

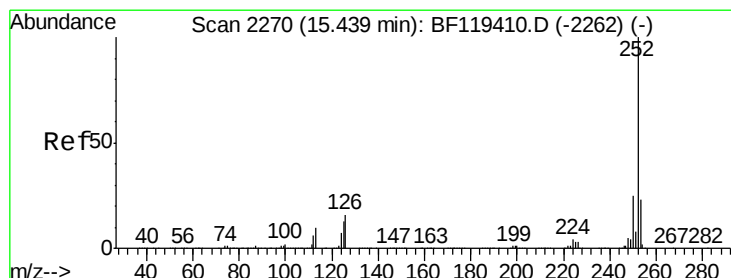
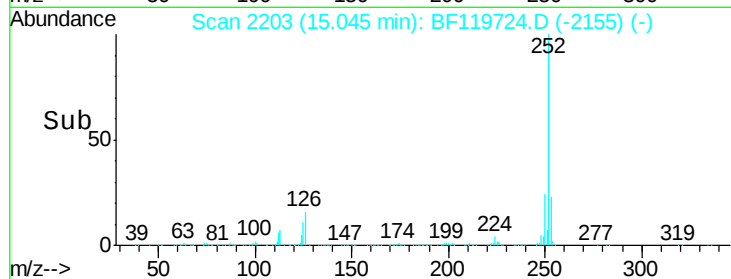
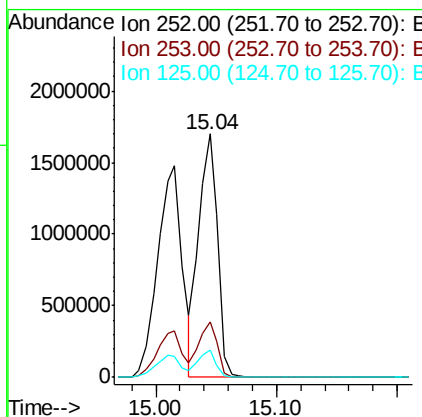
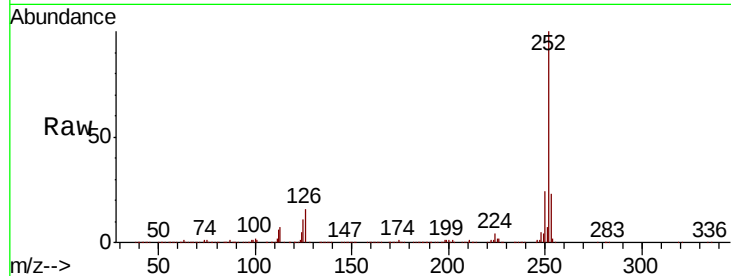




#89
Benzo(k)fluoranthene
Concen: 54.259 ng
RT: 15.04 min Scan# 2203
Delta R.T. -0.02 min
Lab File: BF119724.D
Acq: 3 Apr 2020 17:29

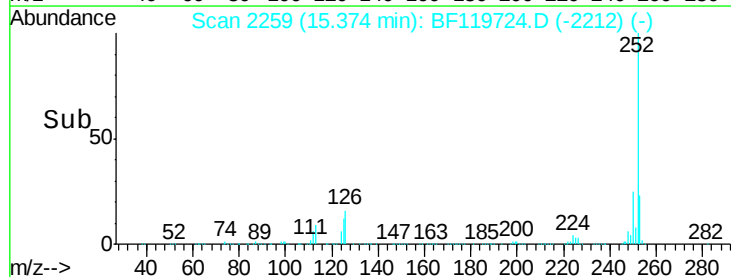
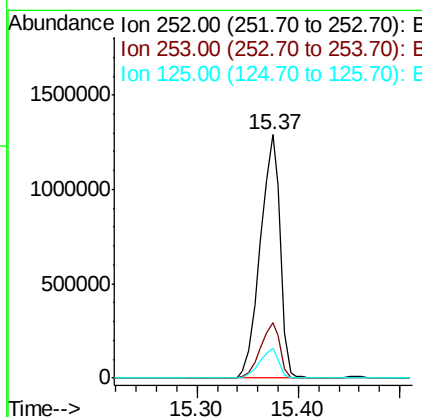
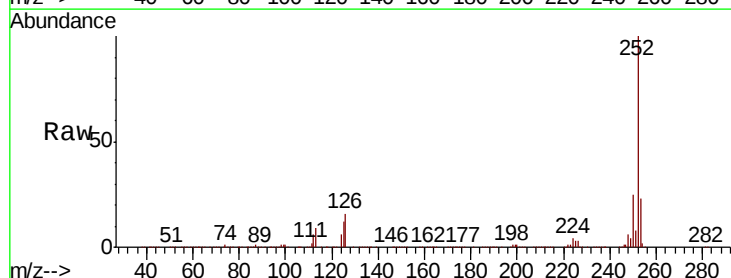
Instrument :
BNA_F
ClientSampleId :
239-WC-S-SB-01MS

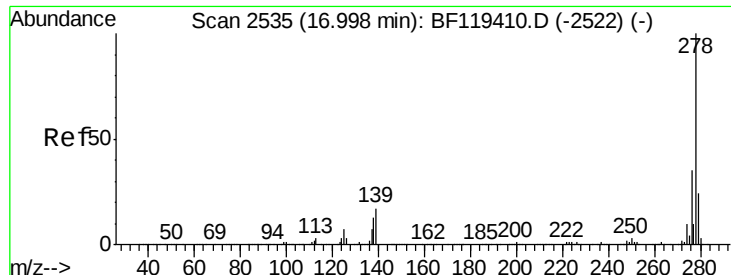
Tot Ion:252 Resp: 1836952
Ion Ratio Lower Upper
252 100
253 22.8 17.8 26.6
125 11.1 8.4 12.6



#90
Benzo(a)pyrene
Concen: 54.255 ng
RT: 15.37 min Scan# 2259
Delta R.T. -0.02 min
Lab File: BF119724.D
Acq: 3 Apr 2020 17:29

Tgt Ion:252 Resp: 1753059
Ion Ratio Lower Upper
252 100
253 23.0 18.2 27.2
125 12.1 9.4 14.2

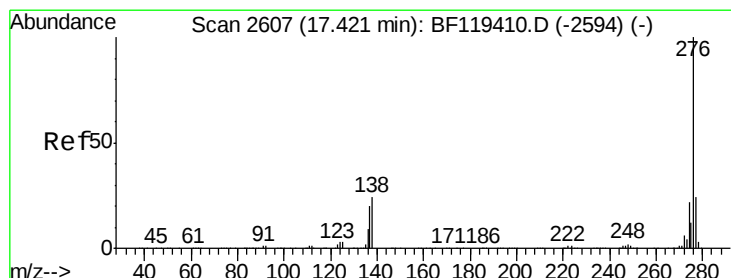
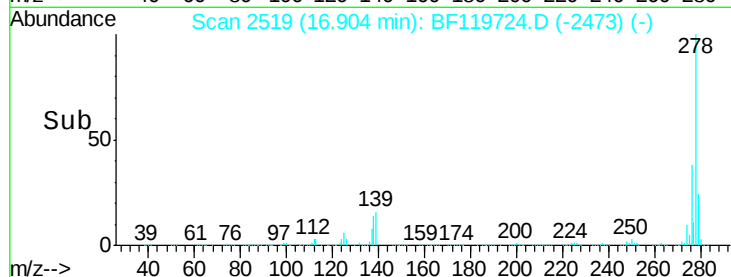
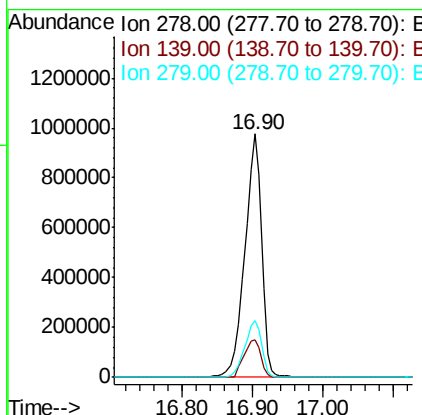
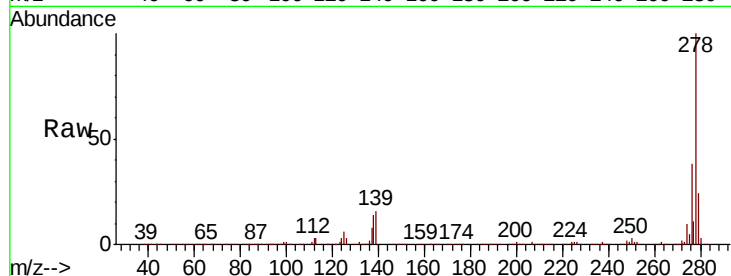




#91
Dibenzo(a,h)anthracene
Concen: 57.180 ng
RT: 16.90 min Scan# 2519
Delta R.T. -0.03 min
Lab File: BF119724.D
Acq: 3 Apr 2020 17:29

Instrument :
BNA_F
ClientSampleId :
239-WC-S-SB-01MS

Tot Ion:278 Resp: 1616000
Ion Ratio Lower Upper
278 100
139 15.7 12.6 19.0
279 23.6 19.0 28.6



#92
Benzo(g,h,i)perylene
Concen: 56.723 ng
RT: 17.32 min Scan# 2590
Delta R.T. -0.04 min
Lab File: BF119724.D
Acq: 3 Apr 2020 17:29

Tgt Ion:276 Resp: 1610505
Ion Ratio Lower Upper
276 100
277 23.5 18.4 27.6
138 21.8 15.4 23.0

