

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040320\
 Data File : BF119725.D
 Acq On : 3 Apr 2020 17:57
 Operator : MA/SJ
 Sample : L2101-01MSD
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

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

Quant Time: Apr 03 18:28:44 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	207983	20.00	ng	-0.01
21) Naphthalene-d8	8.09	136	809820	20.00	ng	-0.01
39) Acenaphthene-d10	9.85	164	424390	20.00	ng	-0.01
64) Phenanthrene-d10	11.34	188	809764	20.00	ng	-0.01
76) Chrysene-d12	13.98	240	577047	20.00	ng	-0.02
87) Perylene-d12	15.43	264	520286	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.44	112	1892900	144.88	ng	0.02
7) Phenol-d6	6.45	99	2271539	136.10	ng	0.00
23) Nitrobenzene-d5	7.37	82	1637807	109.91	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	768138	175.44	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	2998227	104.66	ng	0.00
79) Terphenyl-d14	12.93	244	3361446	114.13	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.76	88	289732	44.901	ng	# 81
3) Pyridine	3.45	79	682051	38.367	ng	91
4) n-Nitrosodimethylamine	3.38	42	412401	47.572	ng	91
6) Aniline	6.47	93	488808	21.221	ng	97
8) 2-Chlorophenol	6.59	128	826825	60.255	ng	99
9) Benzaldehyde	6.35	77	291929	27.573	ng	100
10) Phenol	6.46	94	885727	49.737	ng	99
11) bis(2-Chloroethyl)ether	6.55	93	924607	64.917	ng	95
12) 1,3-Dichlorobenzene	6.75	146	836278	56.310	ng	96
13) 1,4-Dichlorobenzene	6.82	146	841656	56.658	ng	98
14) 1,2-Dichlorobenzene	6.98	146	782950	56.388	ng	97
15) Benzyl Alcohol	6.95	79	687858	54.791	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.08	45	1364177	47.485	ng	96
17) 2-Methylphenol	7.06	107	658897	52.408	ng	99
18) Hexachloroethane	7.32	117	313170	57.527	ng	96
19) n-Nitroso-di-n-propylamine	7.23	70	562776	55.944	ng	97
20) 3+4-Methylphenols	7.22	107	786270	51.030	ng	# 77
22) Acetophenone	7.22	105	1083721	56.005	ng	# 92
24) Nitrobenzene	7.39	77	859868	53.998	ng	98
25) Isophorone	7.63	82	1590156	52.608	ng	99
26) 2-Nitrophenol	7.70	139	454644	72.511	ng	94
27) 2,4-Dimethylphenol	7.75	122	744198	57.402	ng	99
28) bis(2-Chloroethoxy)methane	7.84	93	1001522	56.033	ng	99
29) 2,4-Dichlorophenol	7.95	162	684481	57.459	ng	98
30) 1,2,4-Trichlorobenzene	8.03	180	730585	55.456	ng	97
31) Naphthalene	8.12	128	2388883	57.323	ng	99
32) Benzoic acid	7.88	122	537442	64.444	ng	96
33) 4-Chloroaniline	8.16	127	408137	21.373	ng	97
34) Hexachlorobutadiene	8.23	225	398428	54.054	ng	99
35) Caprolactam	8.54	113	106131	27.222	ng	94
36) 4-Chloro-3-methylphenol	8.65	107	750777	57.664	ng	100
37) 2-Methylnaphthalene	8.81	142	1600739	58.527	ng	98
38) 1-Methylnaphthalene	8.90	142	1506165	58.181	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	674853	54.252	ng	99

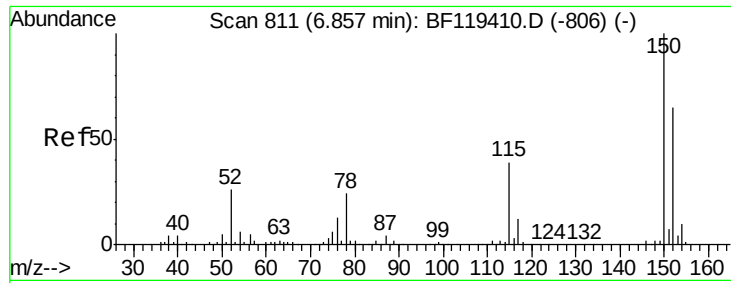
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040320\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 01 11:59:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	753630	106.568	nq	98
43) 2,4,6-Trichlorophenol	9.09	196	537491	60.380	nq	99
44) 2,4,5-Trichlorophenol	9.13	196	519968	52.143	nq	98
46) 1,1'-Biphenyl	9.27	154	1887638	54.612	nq	99
47) 2-Chloronaphthalene	9.30	162	1468783	54.249	nq	98
48) 2-Nitroaniline	9.39	65	553220	59.198	nq	96
49) Acenaphthylene	9.72	152	2320813	54.585	nq	99
50) Dimethylphthalate	9.58	163	1728538	57.342	nq	99
51) 2,6-Dinitrotoluene	9.64	165	393108	60.840	nq	96
52) Acenaphthene	9.89	154	1454797	54.886	nq	98
53) 3-Nitroaniline	9.80	138	272913	33.456	nq	94
54) 2,4-Dinitrophenol	9.92	184	472015	160.752	nq	97
55) Dibenzofuran	10.06	168	2092812	55.070	nq	100
56) 4-Nitrophenol	9.97	139	635827	98.807	nq	93
57) 2,4-Dinitrotoluene	10.05	165	532691	65.445	nq	91
58) Fluorene	10.40	166	1607393	57.198	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.17	232	440358	59.077	nq	98
60) Diethylphthalate	10.28	149	1735566	56.727	nq	99
61) 4-Chlorophenyl-phenylether	10.39	204	754154	54.877	nq	99
62) 4-Nitroaniline	10.43	138	435569	55.683	nq	96
63) Azobenzene	10.56	77	1670968	54.235	nq	94
65) 4,6-Dinitro-2-methylphenol	10.45	198	304819	89.770	nq	94
66) n-Nitrosodiphenylamine	10.52	169	1508482	56.745	nq	99
67) 4-Bromophenyl-phenylether	10.89	248	508706	55.161	nq	# 92
68) Hexachlorobenzene	10.95	284	546957	57.948	nq	93
69) Atrazine	11.04	200	422498	57.973	nq	99
70) Pentachlorophenol	11.14	266	633858	114.530	nq	97
71) Phenanthrene	11.36	178	2362482	56.265	nq	100
72) Anthracene	11.42	178	2402556	56.300	nq	99
73) Carbazole	11.57	167	2283999	54.073	nq	99
74) Di-n-butylphthalate	11.90	149	2641057	58.450	nq	100
75) Fluoranthene	12.55	202	2567254	56.496	nq	99
77) Benzidine	12.67	184	215375	8.819	nq	99
78) Pyrene	12.78	202	2575773	54.390	nq	99
80) Butylbenzylphthalate	13.40	149	1131381	59.067	nq	99
81) Benzo(a)anthracene	13.97	228	1986115	52.929	nq	99
82) 3,3'-Dichlorobenzidine	13.93	252	581049	39.272	nq	99
83) Chrysene	14.01	228	2075000	53.581	nq	100
84) Bis(2-ethylhexyl)phthalate	13.96	149	1418051	62.105	nq	98
85) Di-n-octyl phthalate	14.57	149	2512712	62.572	nq	98
86) Indeno(1,2,3-cd)pyrene	16.89	276	1986826	54.474	nq	98
88) Benzo(b)fluoranthene	15.01	252	2072890	59.643	nq	97
89) Benzo(k)fluoranthene	15.04	252	1797090	54.303	nq	99
90) Benzo(a)pyrene	15.37	252	1752673	55.491	nq	99
91) Dibenzo(a,h)anthracene	16.90	278	1627048	58.895	nq	100
92) Benzo(g,h,i)perylene	17.33	276	1674438	60.331	nq	99

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

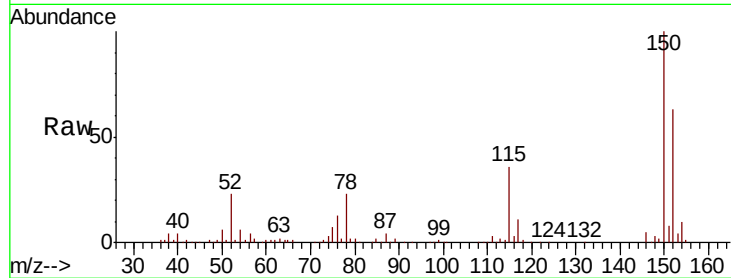


#1

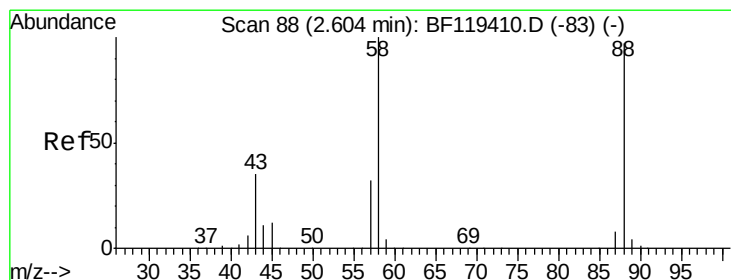
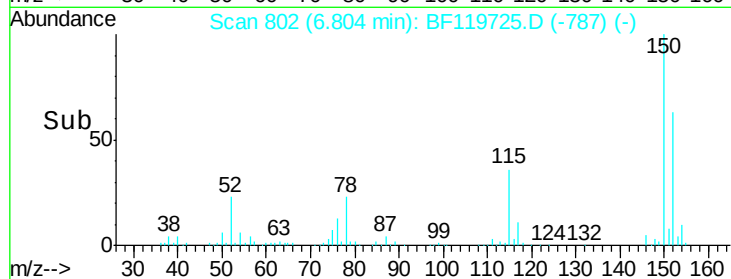
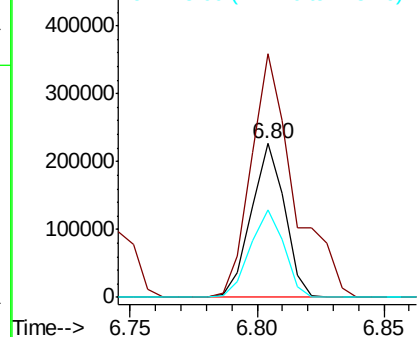
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.01 min
Lab File: BF119725.D
Acq: 3 Apr 2020 17:57

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

Tot Ion:152 Resp: 207983
Ion Ratio Lower Upper
152 100
150 158.7 124.5 186.7
115 56.9 49.6 74.4



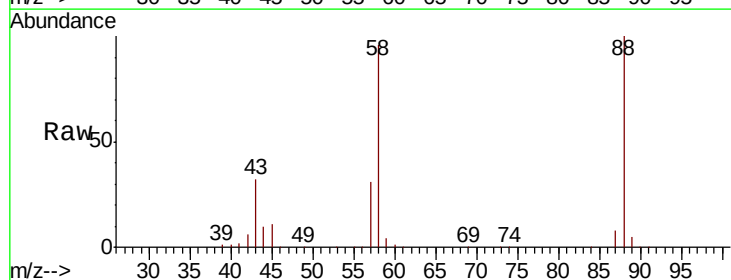
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



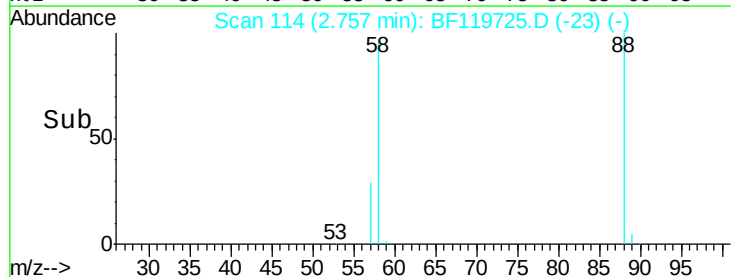
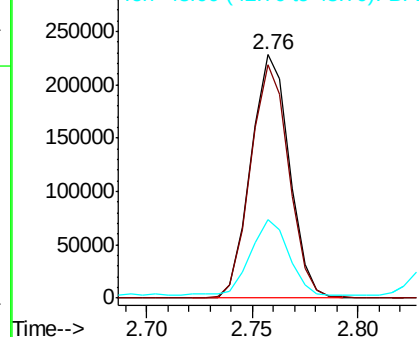
#2

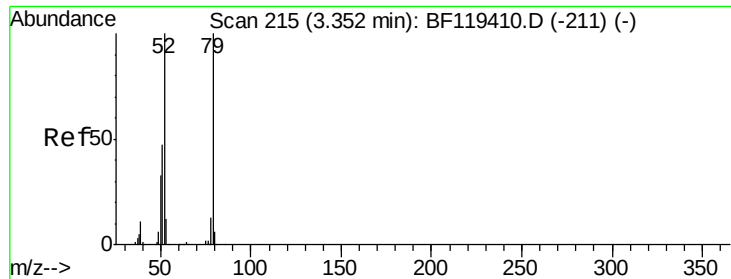
1,4-Dioxane
Concen: 44.901 ng
RT: 2.76 min Scan# 114
Delta R.T. 0.24 min
Lab File: BF119725.D
Acq: 3 Apr 2020 17:57

Tgt Ion: 88 Resp: 289732
Ion Ratio Lower Upper
88 100
58 95.3 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: 38.367 ng

RT: 3.45 min Scan# 232

Delta R.T. 0.19 min

Lab File: BF119725.D

Acq: 3 Apr 2020 17:57

Instrument :

BNA_F

ClientSampleId :

239-WC-S-SB-01MSD

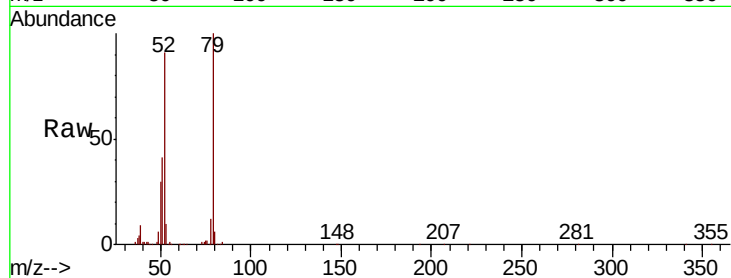
Tot Ion: 79 Resp: 682051

Ion Ratio Lower Upper

79 100

52 91.1 80.2 120.2

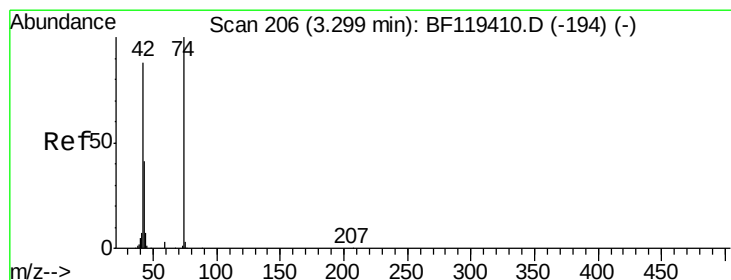
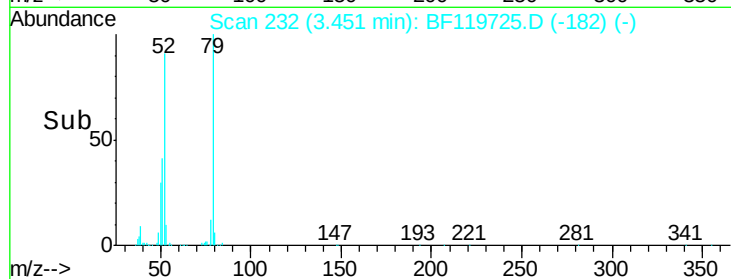
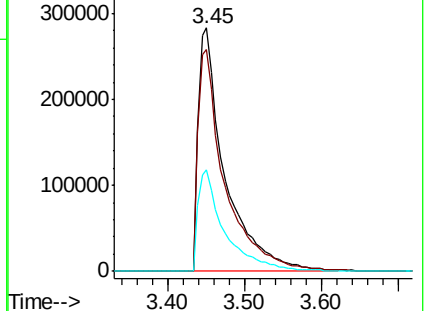
51 41.5 37.7 56.5



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 47.572 ng

RT: 3.38 min Scan# 220

Delta R.T. 0.17 min

Lab File: BF119725.D

Acq: 3 Apr 2020 17:57

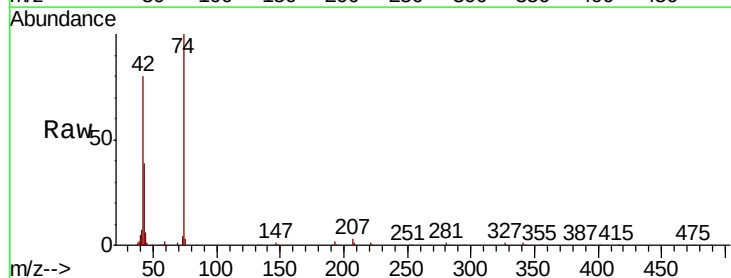
Tgt Ion: 42 Resp: 412401

Ion Ratio Lower Upper

42 100

74 124.2 91.5 137.3

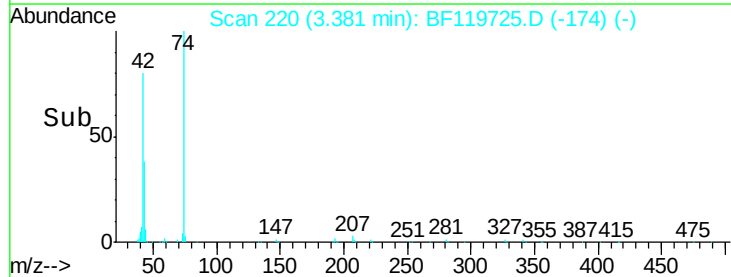
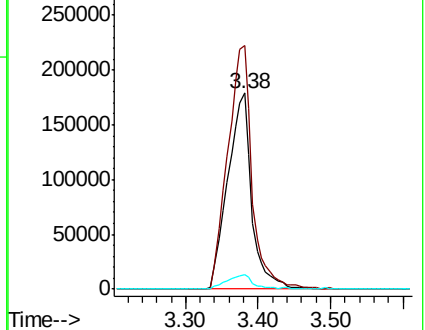
44 7.5 6.2 9.4

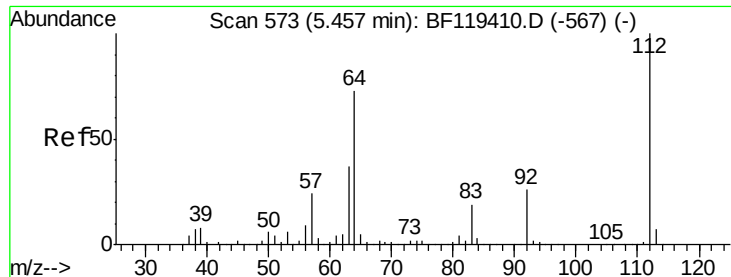


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 144.883 ng

RT: 5.44 min Scan# 570

Delta R.T. 0.02 min

Lab File: BF119725.D

Acq: 3 Apr 2020 17:57

Instrument :

BNA_F

ClientSampleId :

239-WC-S-SB-01MSD

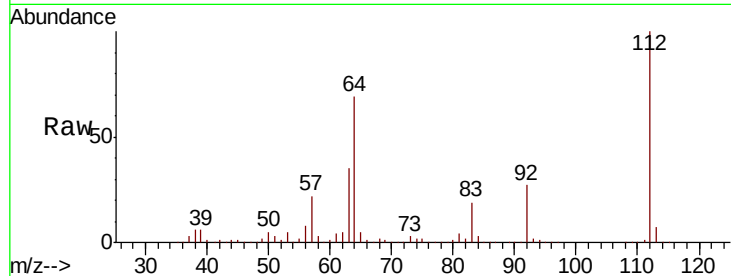
Tot Ion:112 Resp: 1892900

Ion Ratio Lower Upper

112 100

64 69.1 56.7 85.1

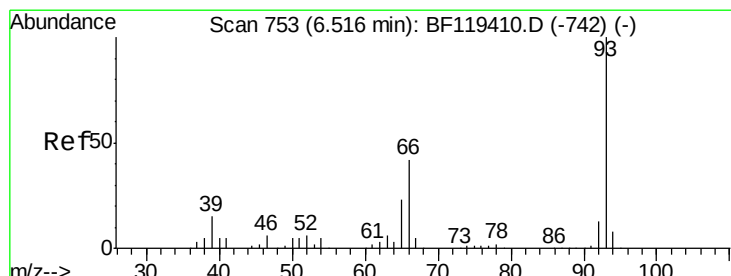
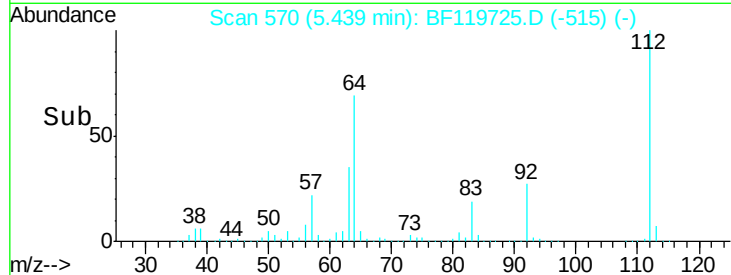
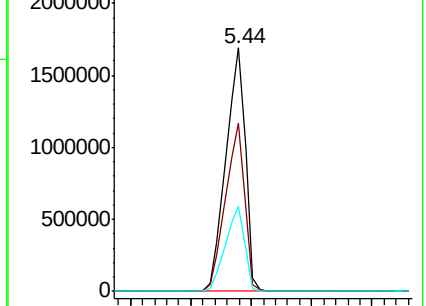
63 34.9 29.5 44.3



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: 21.221 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF119725.D

Acq: 3 Apr 2020 17:57

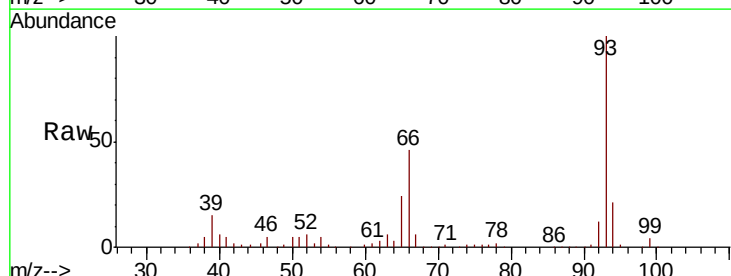
Tgt Ion: 93 Resp: 488808

Ion Ratio Lower Upper

93 100

66 45.8 34.9 52.3

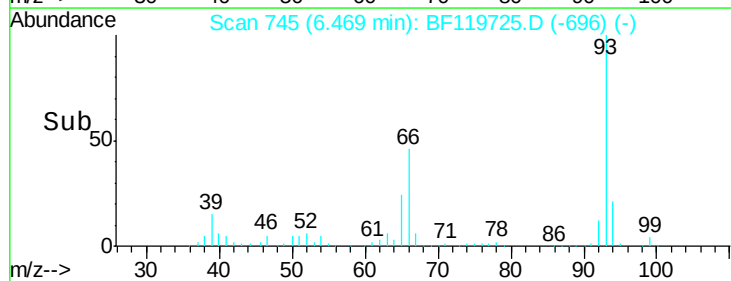
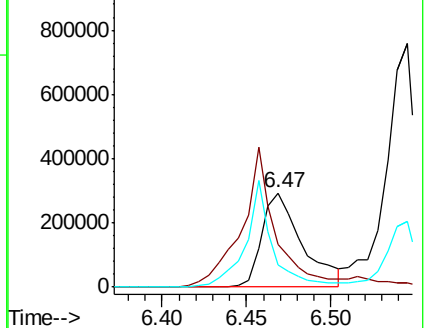
65 24.2 18.6 27.8

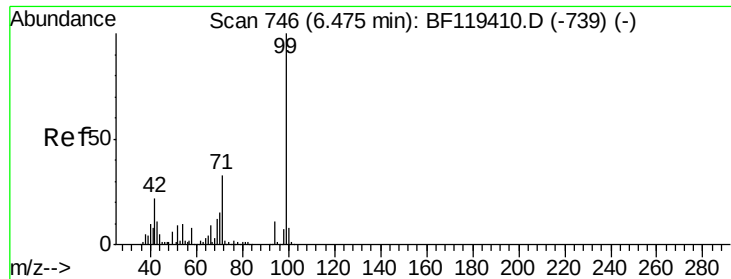


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 136.104 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.00 min

Lab File: BF119725.D

Acq: 3 Apr 2020 17:57

Instrument :

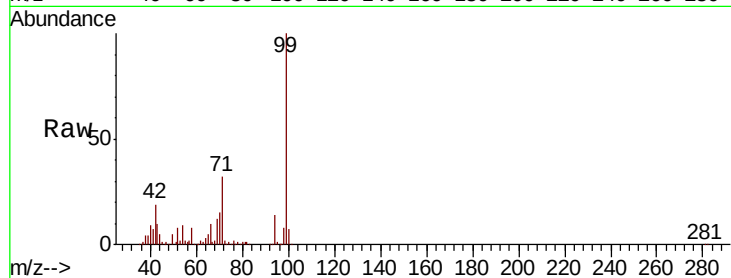
BNA_F

ClientSampleId :

239-WC-S-SB-01MSD

Tot Ion: 99 Resp: 2271539

Ion	Ratio	Lower	Upper
99	100		
42	19.5	16.6	24.8
71	31.9	26.4	39.6

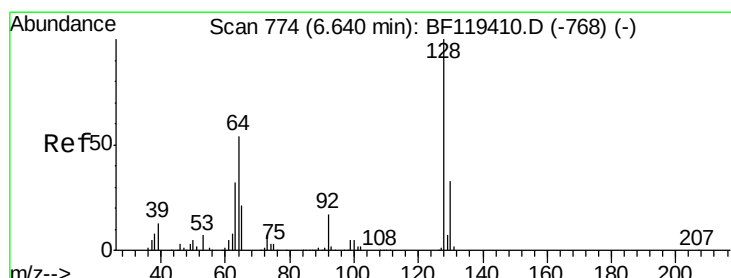
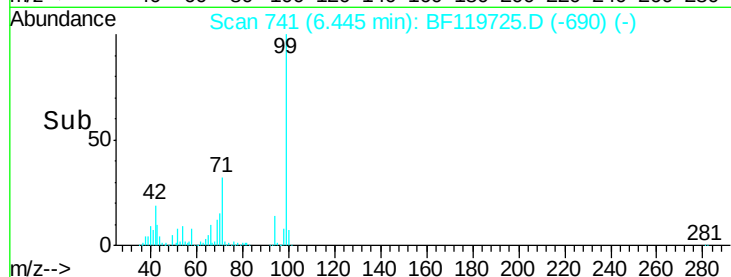


Abundance

Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 60.255 ng

RT: 6.59 min Scan# 766

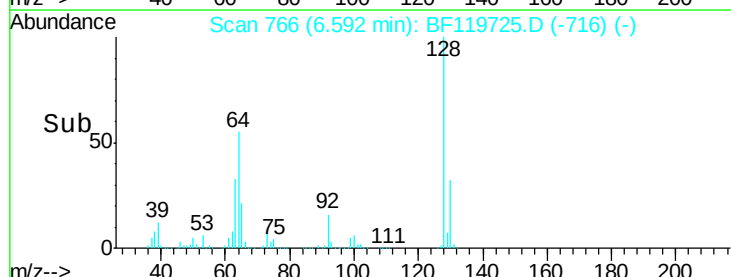
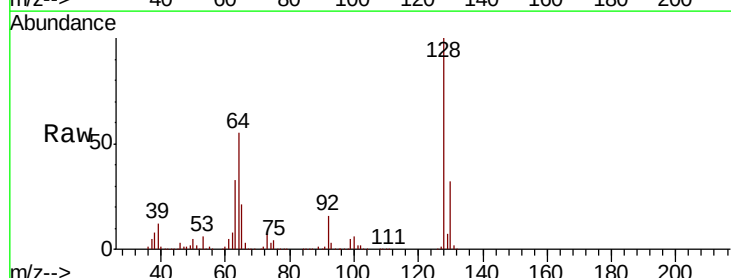
Delta R.T. -0.01 min

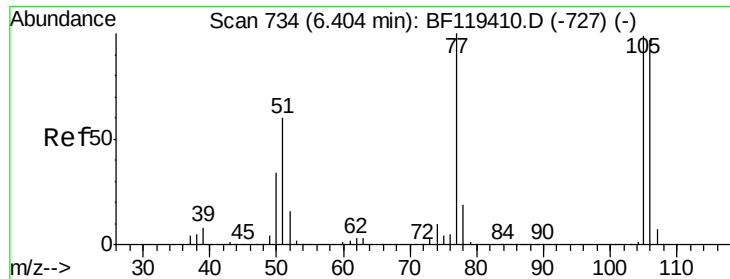
Lab File: BF119725.D

Acq: 3 Apr 2020 17:57

Tgt Ion:128 Resp: 826825

Ion	Ratio	Lower	Upper
128	100		
130	32.3	12.6	52.6
64	54.9	35.3	75.3





#9

Benzaldehyde

Concen: 27.573 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF119725.D

Acq: 3 Apr 2020 17:57

Instrument :

BNA_F

ClientSampleId :

239-WC-S-SB-01MSD

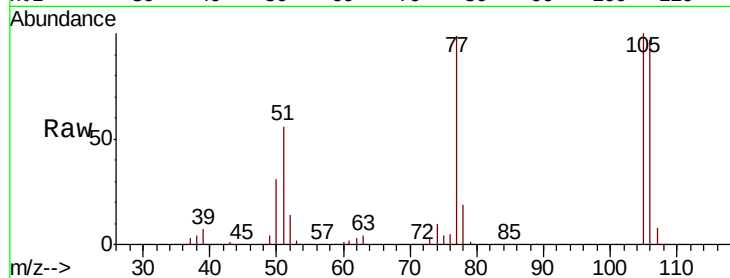
Tot Ion: 77 Resp: 291929

Ion Ratio Lower Upper

77 100

105 100.8 80.9 120.9

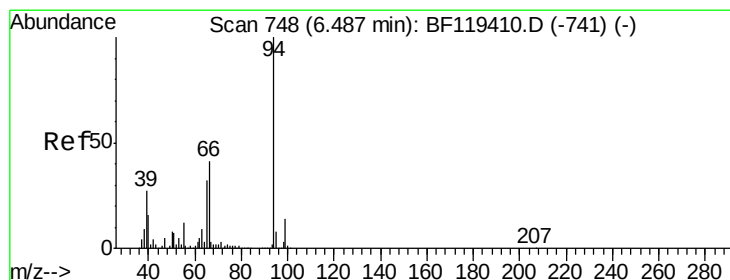
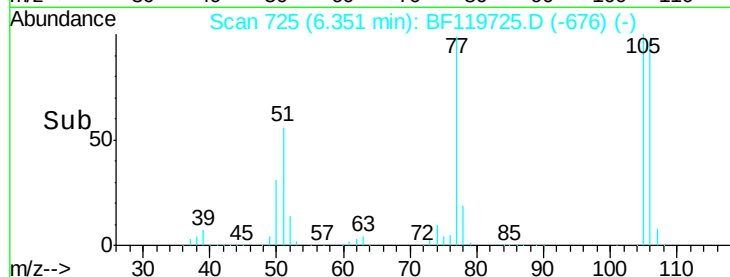
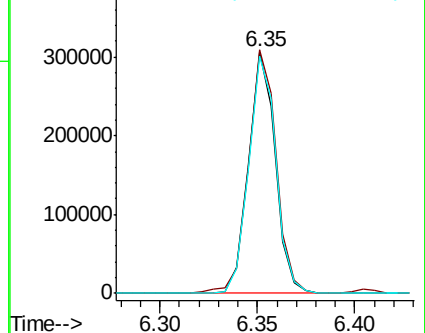
106 98.0 77.9 117.9



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: 49.737 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.00 min

Lab File: BF119725.D

Acq: 3 Apr 2020 17:57

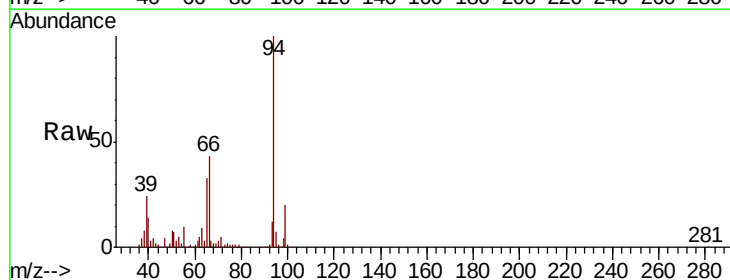
Tgt Ion: 94 Resp: 885727

Ion Ratio Lower Upper

94 100

65 32.6 13.2 53.2

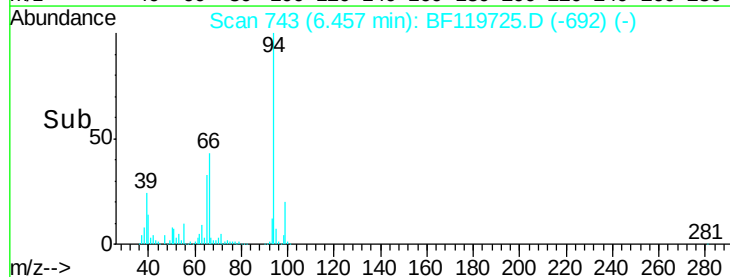
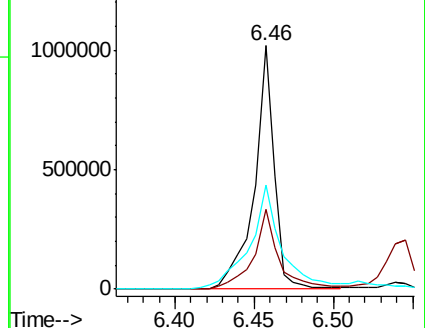
66 42.9 22.3 62.3

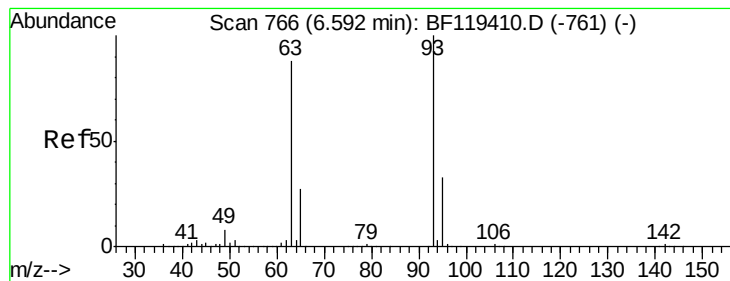


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

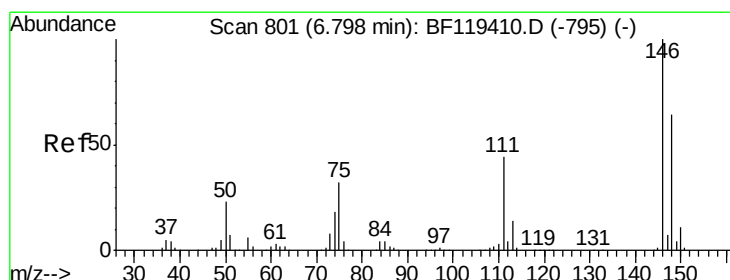
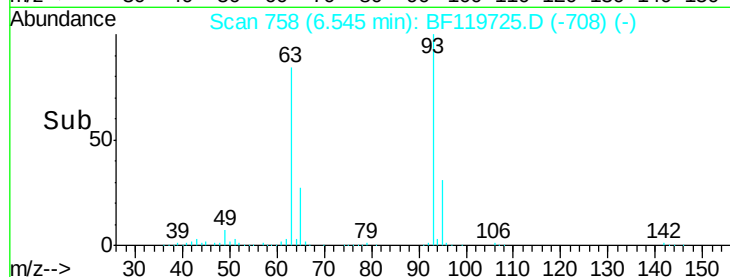
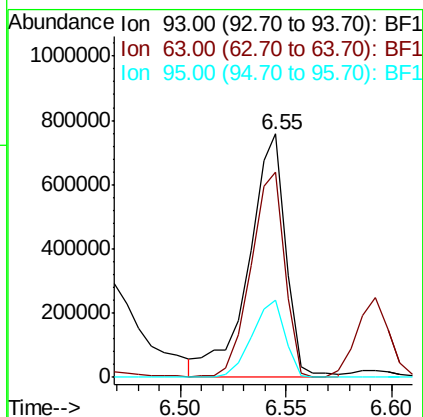
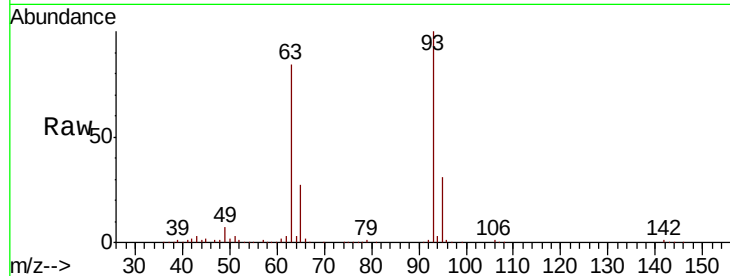




#11
bis(2-Chloroethyl)ether
Concen: 64.917 ng
RT: 6.55 min Scan# 758
Delta R.T. -0.01 min
Lab File: BF119725.D
Acq: 3 Apr 2020 17:57

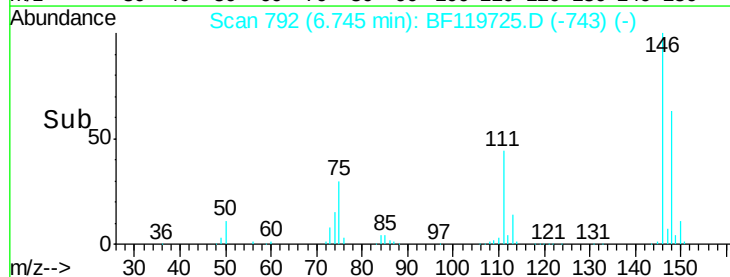
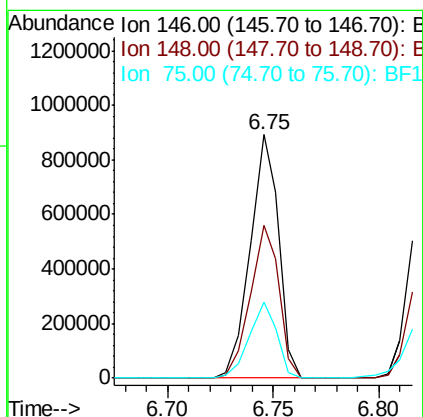
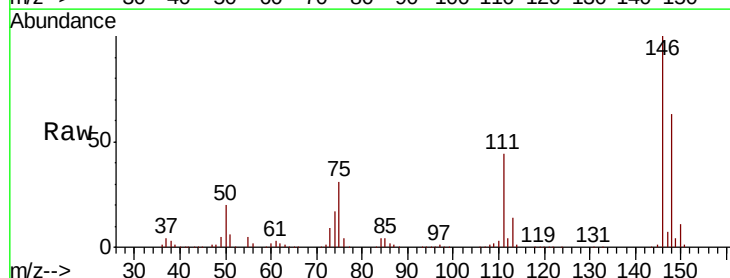
Instrument :
BNA_F
ClientSampleId :
239-WC-S-SB-01MSD

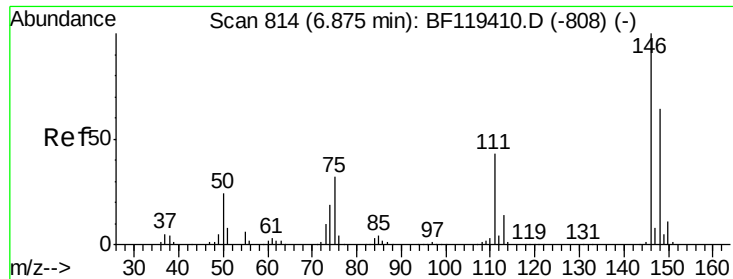
Tot Ion: 93 Resp: 924607
Ion Ratio Lower Upper
93 100
63 84.5 70.2 110.2
95 31.5 13.4 53.4



#12
1,3-Dichlorobenzene
Concen: 56.310 ng
RT: 6.75 min Scan# 792
Delta R.T. -0.01 min
Lab File: BF119725.D
Acq: 3 Apr 2020 17:57

Tgt Ion: 146 Resp: 836278
Ion Ratio Lower Upper
146 100
148 62.7 52.2 78.4
75 31.1 23.0 34.4

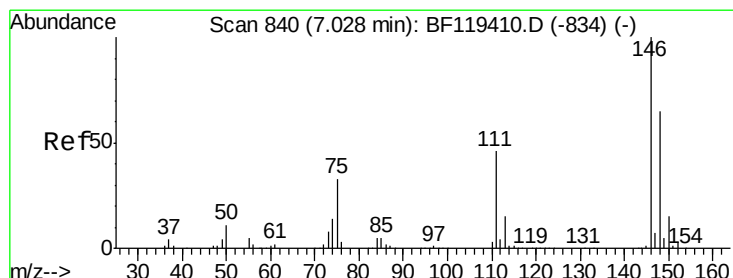
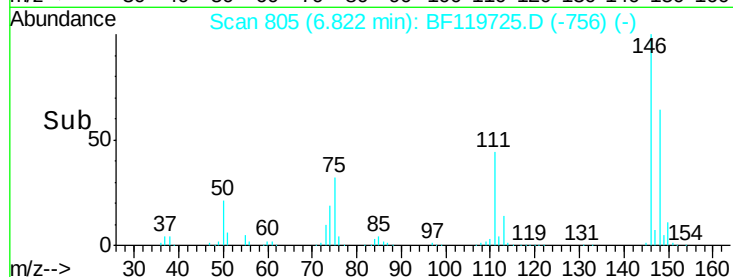
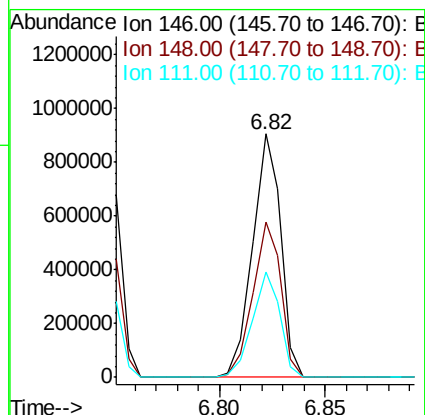
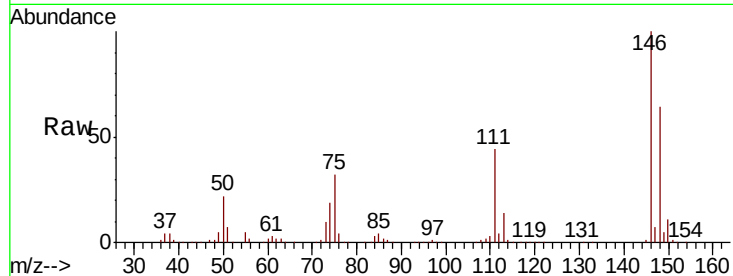




#13
 1,4-Dichlorobenzene
 Concen: 56.658 ng
 RT: 6.82 min Scan# 805
 Delta R.T. -0.01 min
 Lab File: BF119725.D
 Acq: 3 Apr 2020 17:57

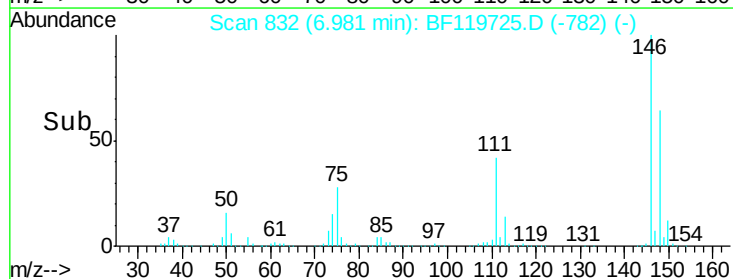
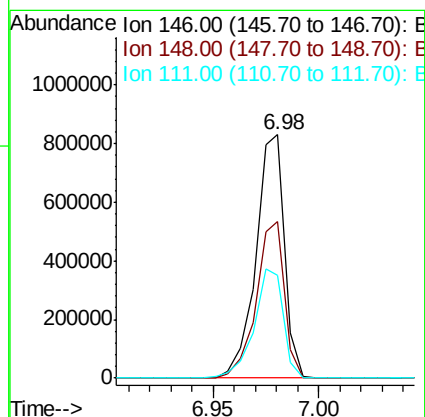
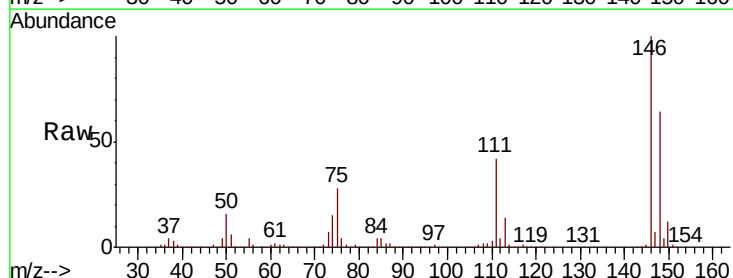
Instrument :
 BNA_F
 ClientSampleId :
 239-WC-S-SB-01MSD

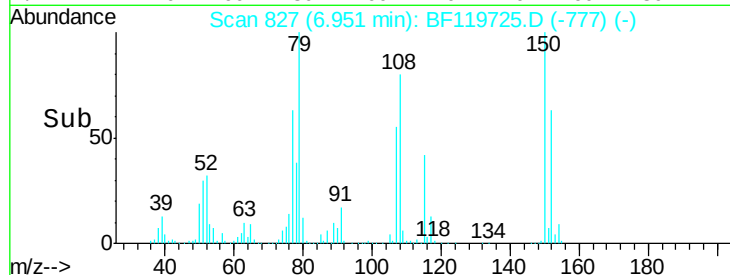
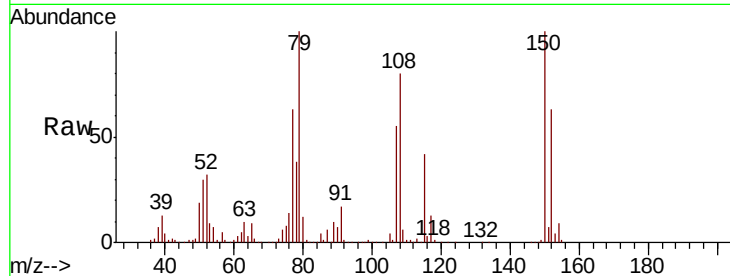
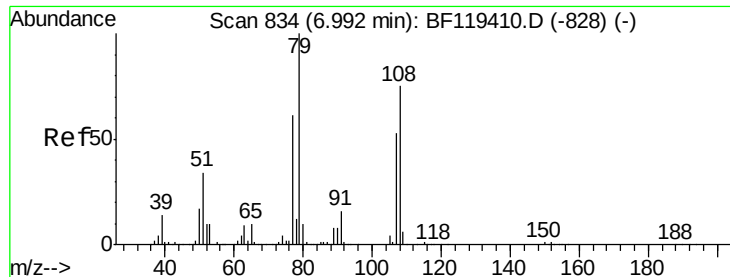
Tot Ion:146 Resp: 841656
 Ion Ratio Lower Upper
 146 100
 148 63.8 51.5 77.3
 111 43.5 33.3 49.9



#14
 1,2-Dichlorobenzene
 Concen: 56.388 ng
 RT: 6.98 min Scan# 832
 Delta R.T. -0.01 min
 Lab File: BF119725.D
 Acq: 3 Apr 2020 17:57

Tgt Ion:146 Resp: 782950
 Ion Ratio Lower Upper
 146 100
 148 64.2 50.6 75.8
 111 42.1 36.1 54.1

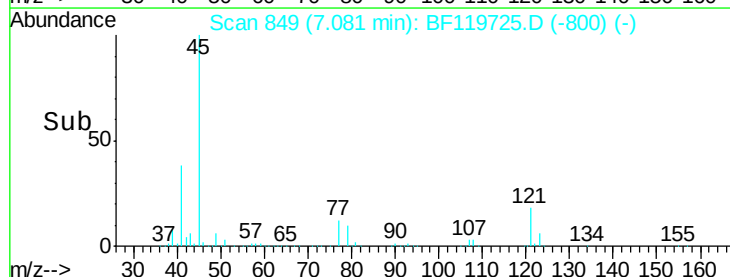
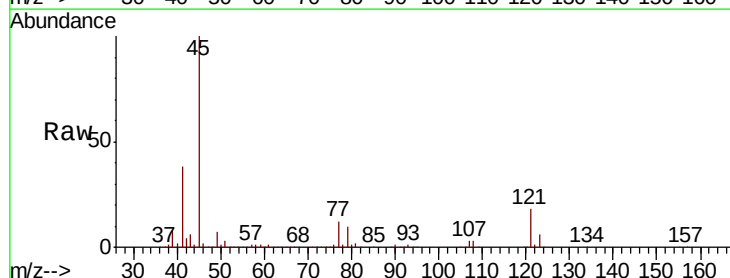
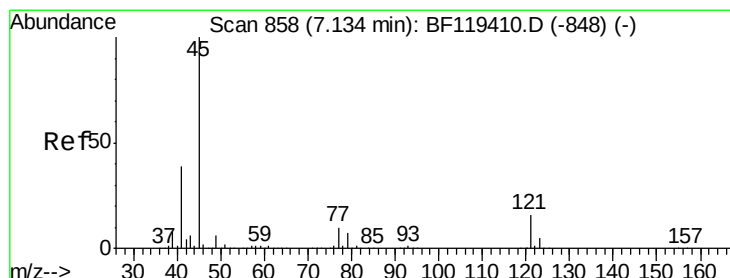
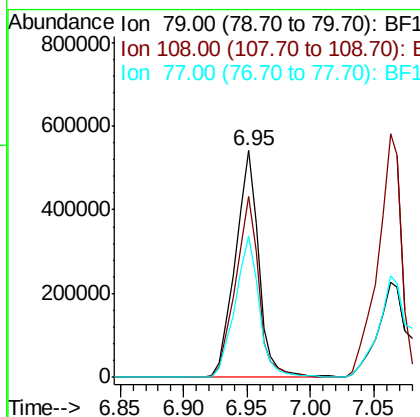




#15
Benzyl Alcohol
Concen: 54.791 ng
RT: 6.95 min Scan# 827
Delta R.T. -0.01 min
Lab File: BF119725.D
Acq: 3 Apr 2020 17:57

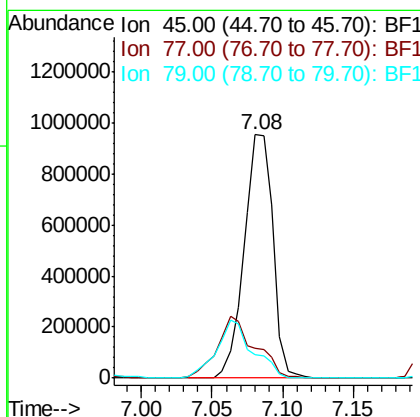
Instrument :
BNA_F
ClientSampleId :
239-WC-S-SB-01MSD

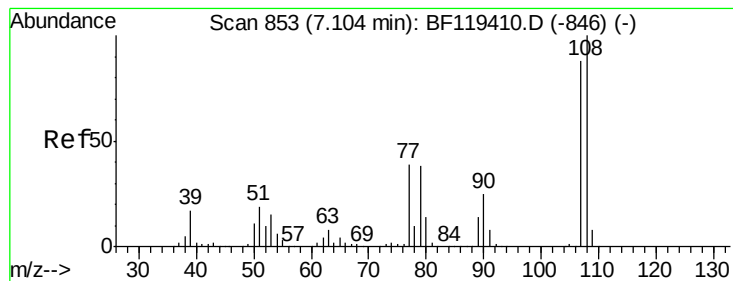
Tot Ion: 79 Resp: 687858
Ion Ratio Lower Upper
79 100
108 80.1 60.6 90.8
77 62.5 50.2 75.2



#16
2,2'-oxybis(1-Chloropropane)
Concen: 47.485 ng
RT: 7.08 min Scan# 849
Delta R.T. -0.01 min
Lab File: BF119725.D
Acq: 3 Apr 2020 17:57

Tgt Ion: 45 Resp: 1364177
Ion Ratio Lower Upper
45 100
77 12.3 0.0 30.7
79 9.6 0.0 28.2

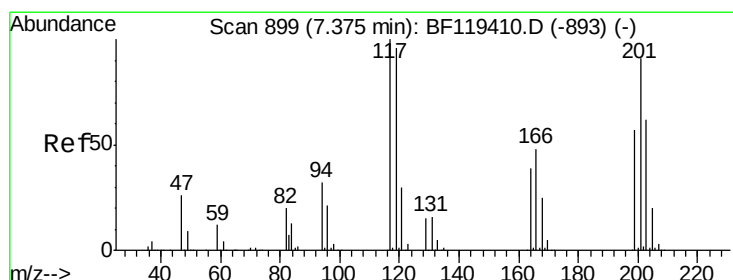
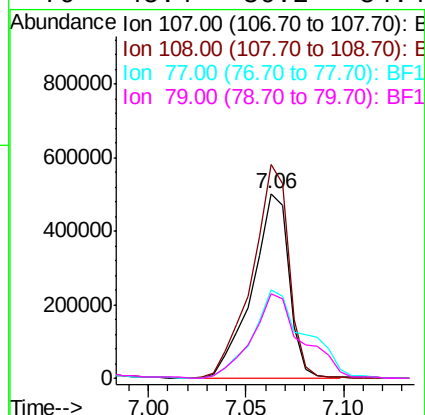
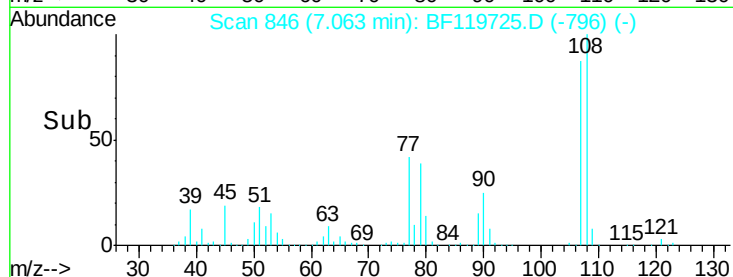
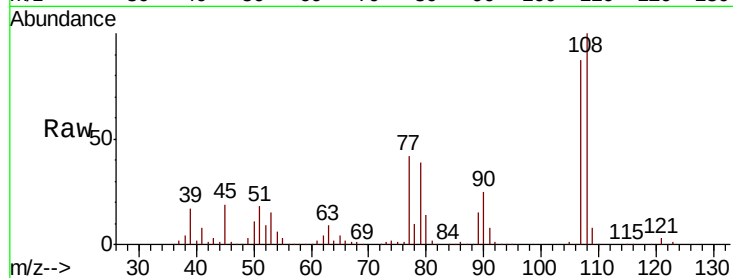




#17
2-Methylphenol
Concen: 52.408 ng
RT: 7.06 min Scan# 846
Delta R.T. -0.01 min
Lab File: BF119725.D
Acq: 3 Apr 2020 17:57

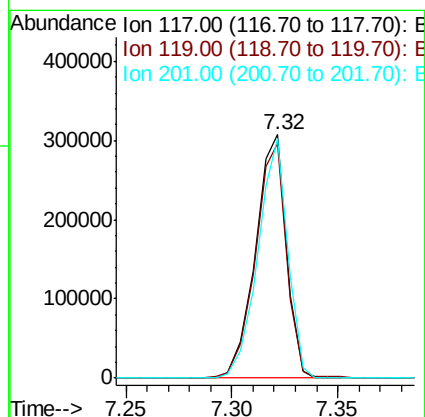
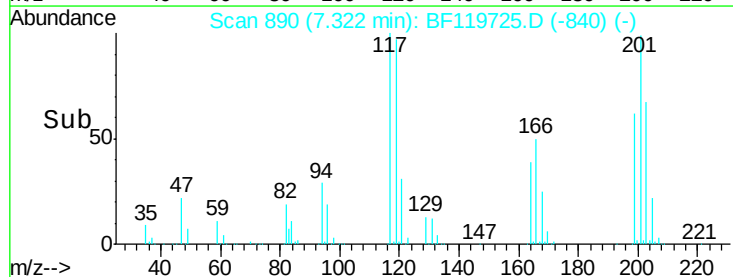
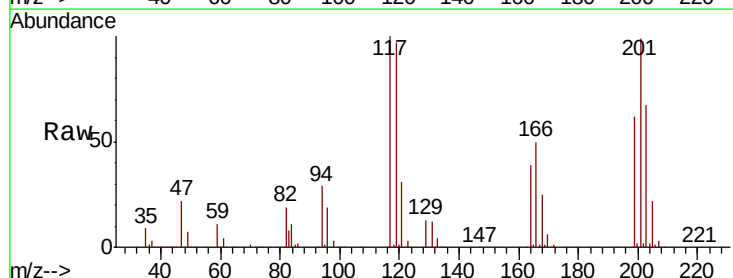
Instrument :
BNA_F
ClientSampleId :
239-WC-S-SB-01MSD

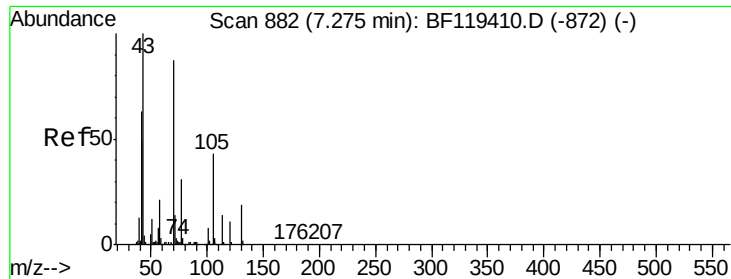
Tot Ion:	107	Resp:	658897
Ion	Ratio	Lower	Upper
107	100		
108	115.5	92.2	138.4
77	48.0	36.6	54.8
79	45.4	36.2	54.4



#18
Hexachloroethane
Concen: 57.527 ng
RT: 7.32 min Scan# 890
Delta R.T. -0.01 min
Lab File: BF119725.D
Acq: 3 Apr 2020 17:57

Tgt Ion:	117	Resp:	313170
Ion	Ratio	Lower	Upper
117	100		
119	96.6	76.1	114.1
201	98.5	73.0	109.6

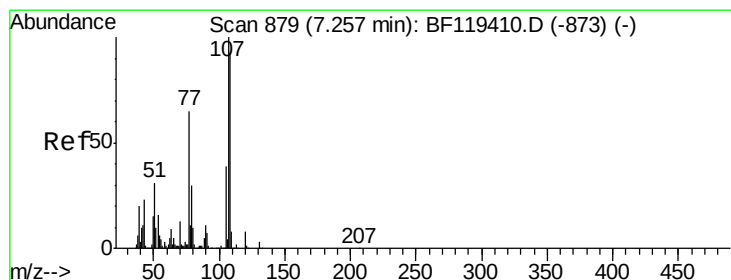
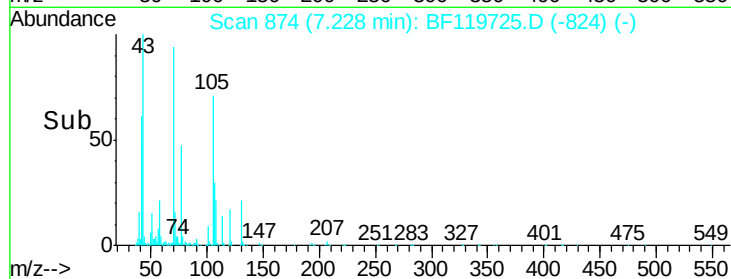
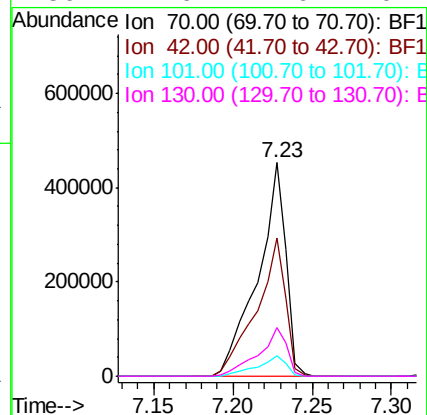
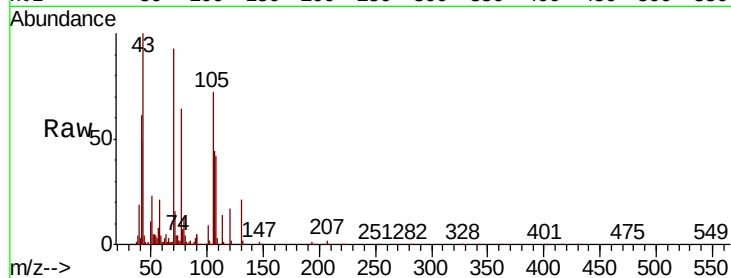




#19
n-Nitroso-di-n-propylamine
Concen: 55.944 ng
RT: 7.23 min Scan# 874
Delta R.T. -0.01 min
Lab File: BF119725.D
Acq: 3 Apr 2020 17:57

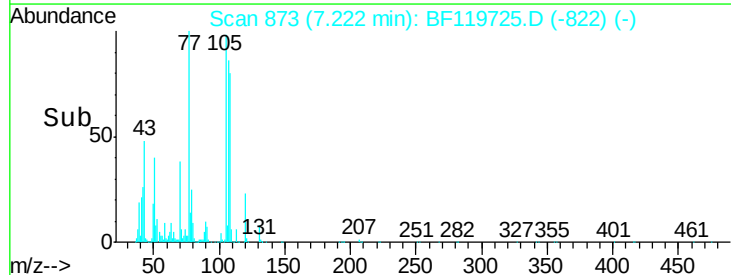
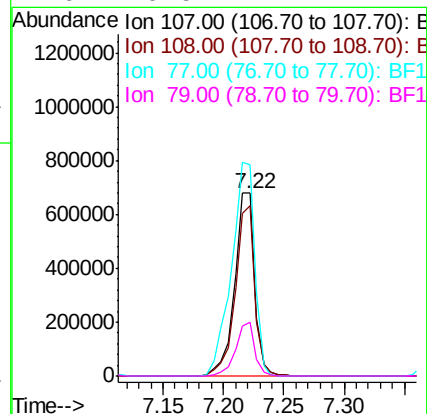
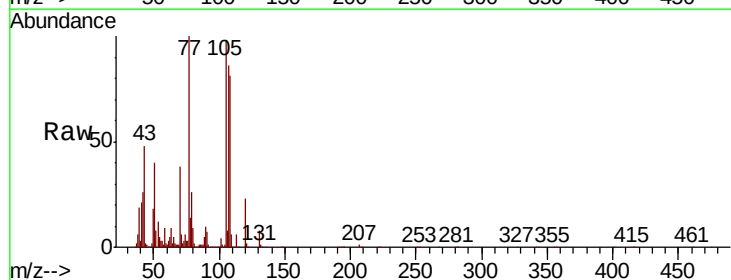
Instrument :
BNA_F
ClientSampleId :
239-WC-S-SB-01MSD

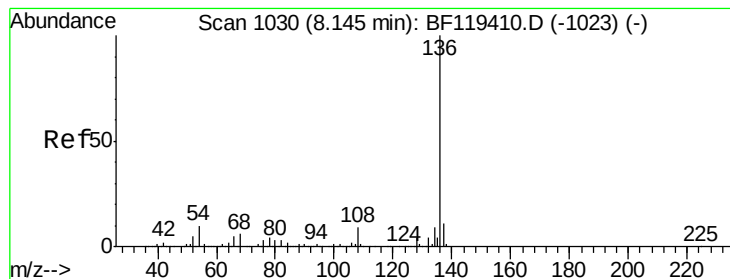
Tot Ion:	70	Resp:	562776
Ion	Ratio	Lower	Upper
70	100		
42	64.9	54.5	81.7
101	9.6	7.6	11.4
130	22.6	17.6	26.4



#20
3+4-Methylphenols
Concen: 51.030 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.00 min
Lab File: BF119725.D
Acq: 3 Apr 2020 17:57

Tgt Ion:	107	Resp:	786270
Ion	Ratio	Lower	Upper
107	100		
108	93.1	67.9	107.9
77	115.7	52.9	92.9
79	29.5	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: BF119725.D

Acq: 3 Apr 2020 17:57

Instrument :

BNA_F

ClientSampleId :

239-WC-S-SB-01MSD

Tot Ion:136 Resp: 809820

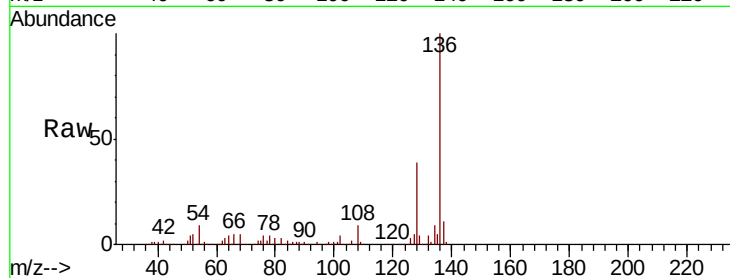
Ion Ratio Lower Upper

136 100

137 11.1 8.7 13.1

54 9.2 9.1 13.7

68 5.3 4.6 6.8

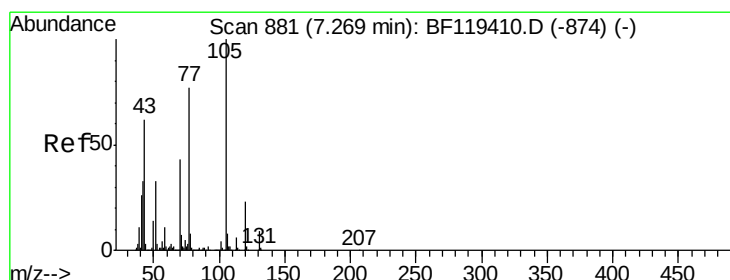
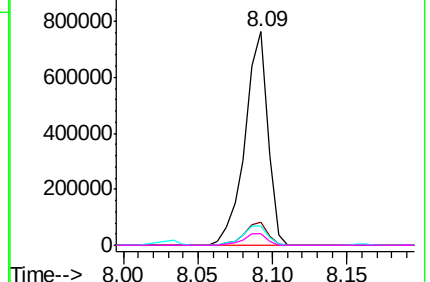
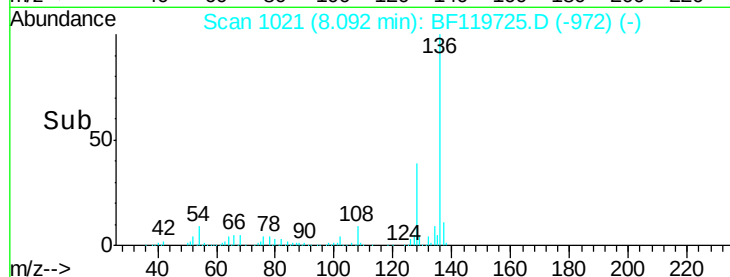


Abundance Ion 136.00 (135.70 to 136.70): E

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: 56.005 ng

RT: 7.22 min Scan# 873

Delta R.T. -0.01 min

Lab File: BF119725.D

Acq: 3 Apr 2020 17:57

Tgt Ion:105 Resp: 1083721

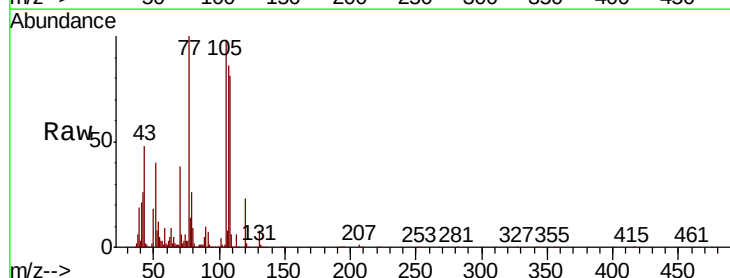
Ion Ratio Lower Upper

105 100

71 6.5 5.7 8.5

51 40.7 26.2 39.4#

120 23.3 18.3 27.5

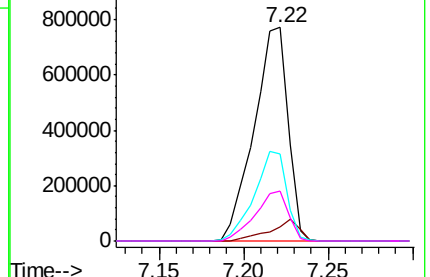
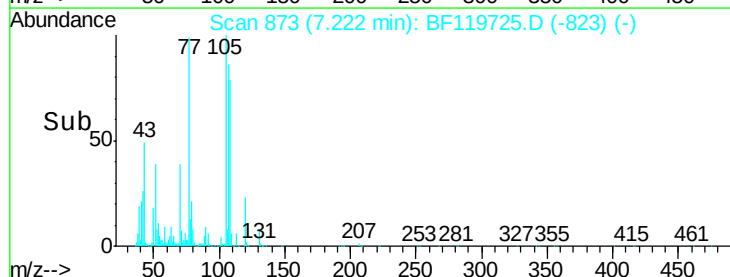


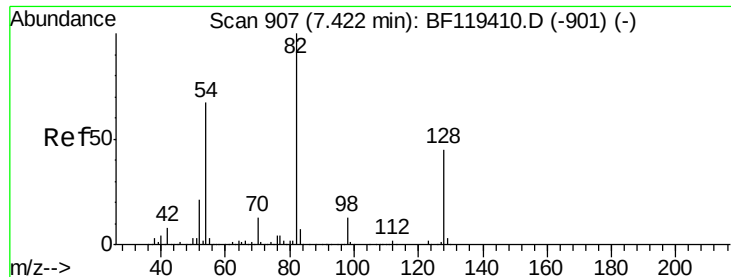
Abundance Ion 105.00 (104.70 to 105.70): E

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

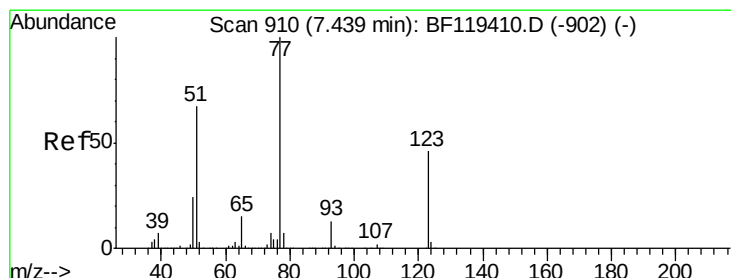
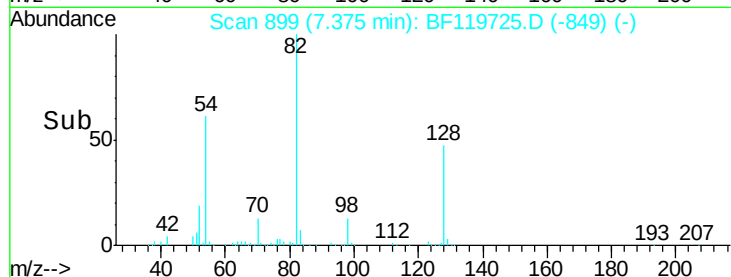
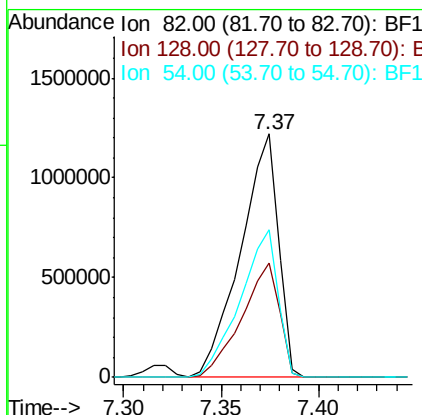
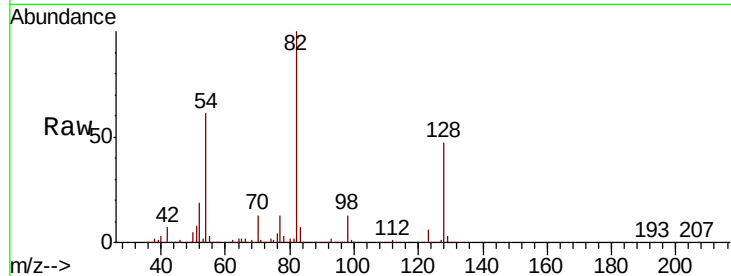




#23
 Nitrobenzene-d5
 Concen: 109.915 ng
 RT: 7.37 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: BF119725.D
 Acq: 3 Apr 2020 17:57

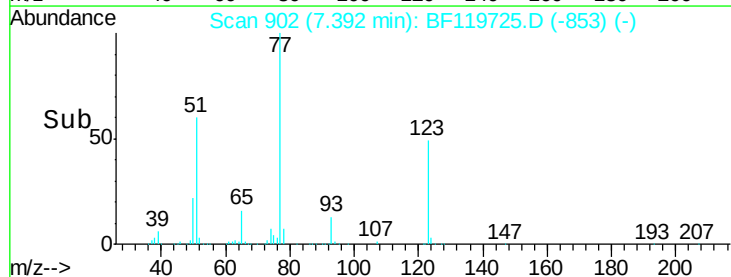
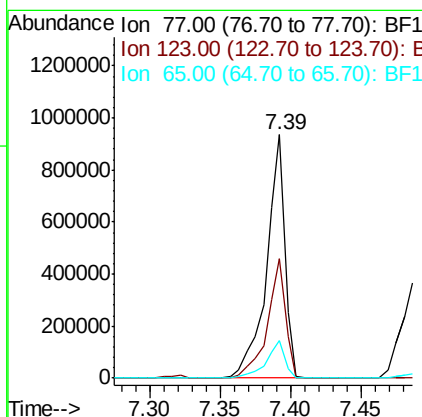
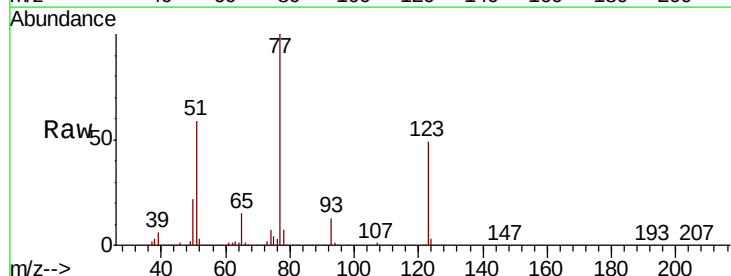
Instrument :
 BNA_F
 ClientSampleId :
 239-WC-S-SB-01MSD

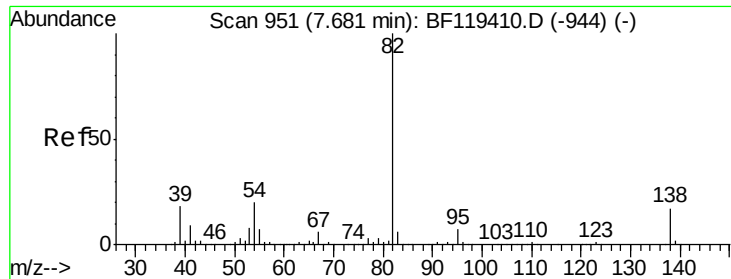
Tot Ion: 82 Resp: 1637807
 Ion Ratio Lower Upper
 82 100
 128 47.1 36.3 54.5
 54 60.8 50.6 75.8



#24
 Nitrobenzene
 Concen: 53.998 ng
 RT: 7.39 min Scan# 902
 Delta R.T. -0.01 min
 Lab File: BF119725.D
 Acq: 3 Apr 2020 17:57

Tgt Ion: 77 Resp: 859868
 Ion Ratio Lower Upper
 77 100
 123 49.2 38.0 57.0
 65 15.5 12.6 18.8





#25

Isophorone

Concen: 52.608 ng

RT: 7.63 min Scan# 943

Delta R.T. -0.01 min

Lab File: BF119725.D

Acq: 3 Apr 2020 17:57

Instrument :

BNA_F

ClientSampleId :

239-WC-S-SB-01MSD

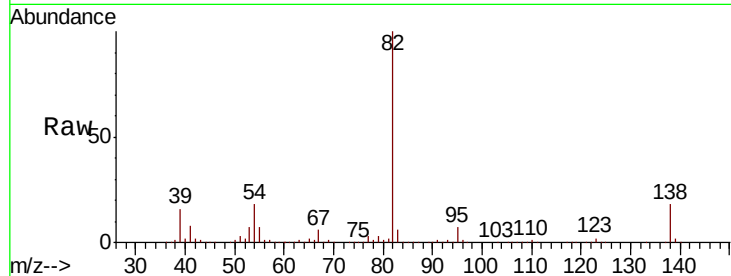
Tot Ion: 82 Resp: 1590156

Ion Ratio Lower Upper

82 100

95 6.9 5.8 8.6

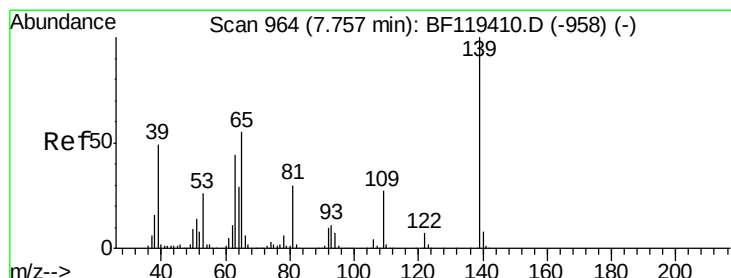
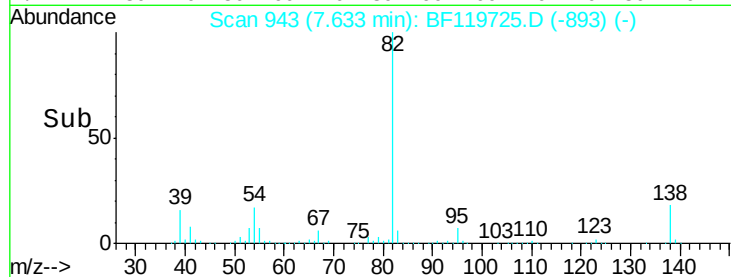
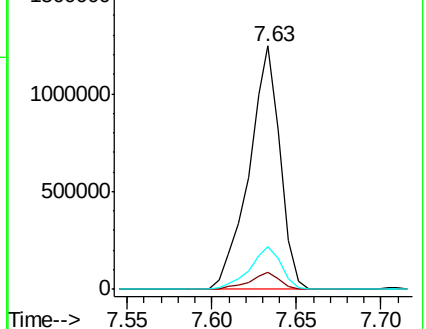
138 17.7 14.6 21.8



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: 72.511 ng

RT: 7.70 min Scan# 955

Delta R.T. -0.01 min

Lab File: BF119725.D

Acq: 3 Apr 2020 17:57

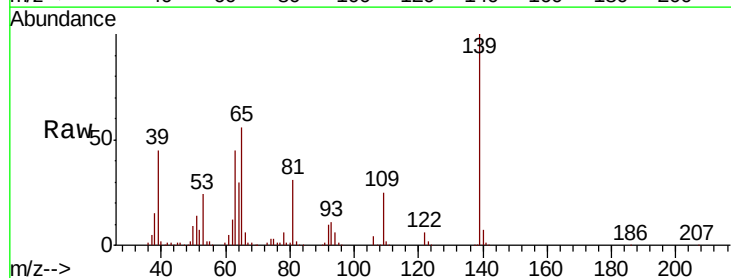
Tgt Ion: 139 Resp: 454644

Ion Ratio Lower Upper

139 100

109 25.1 22.1 33.1

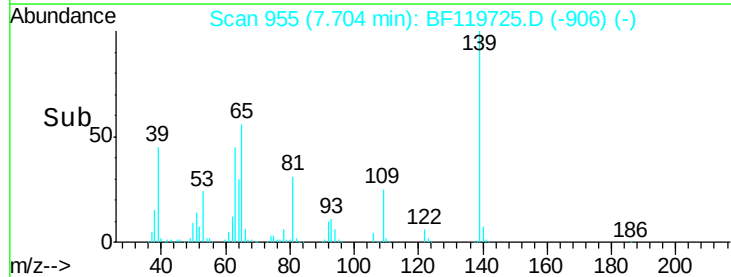
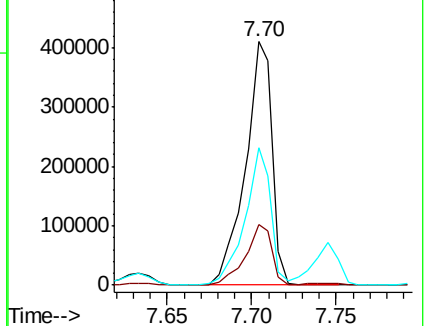
65 56.3 49.2 73.8

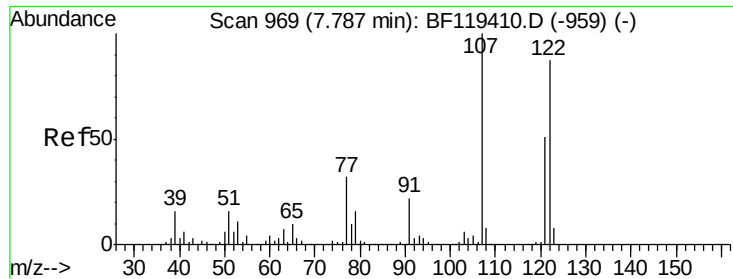


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 57.402 ng

RT: 7.75 min Scan# 962

Delta R.T. -0.01 min

Lab File: BF119725.D

Acq: 3 Apr 2020 17:57

Instrument :

BNA_F

ClientSampleId :

239-WC-S-SB-01MSD

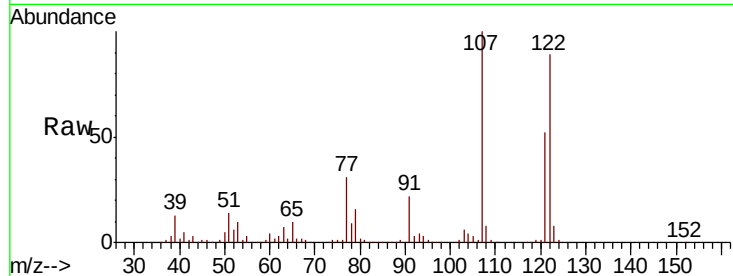
Tot Ion:122 Resp: 744198

Ion Ratio Lower Upper

122 100

107 111.7 89.0 133.6

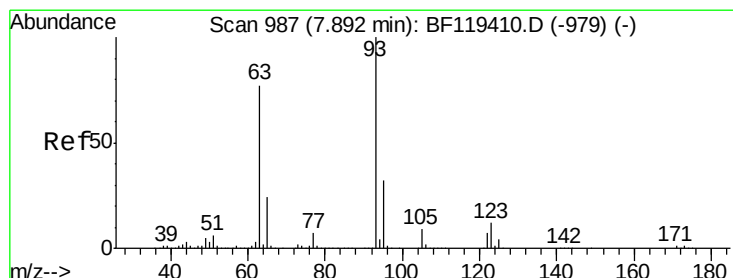
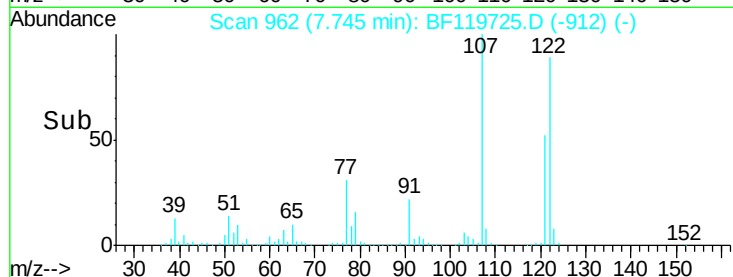
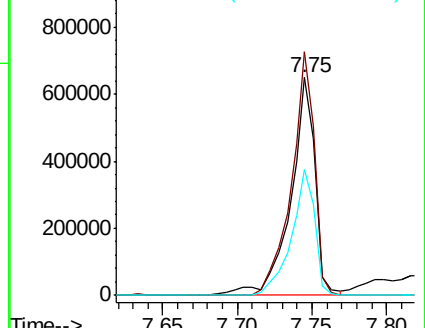
121 57.9 46.7 70.1



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: 56.033 ng

RT: 7.84 min Scan# 978

Delta R.T. -0.01 min

Lab File: BF119725.D

Acq: 3 Apr 2020 17:57

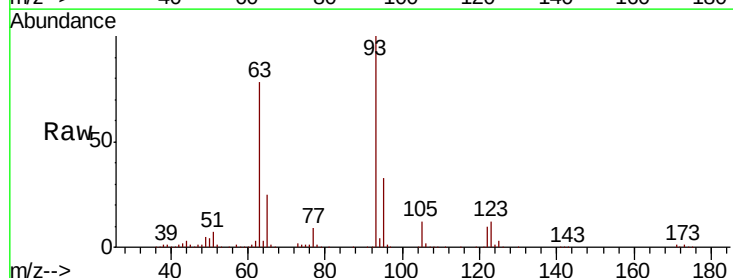
Tgt Ion: 93 Resp: 1001522

Ion Ratio Lower Upper

93 100

95 32.5 26.3 39.5

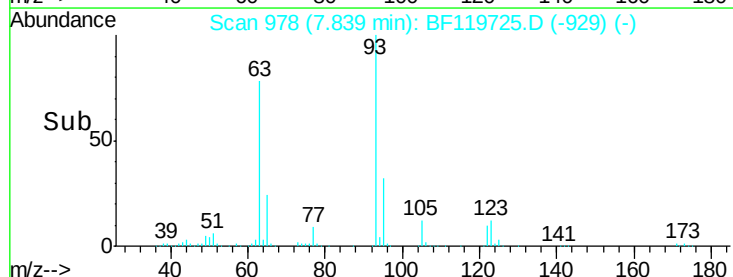
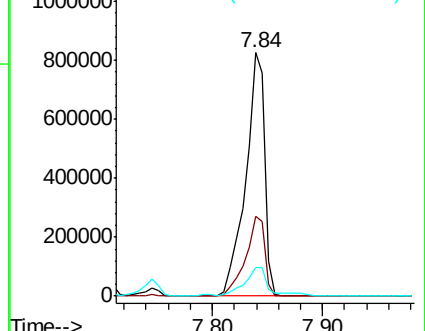
123 11.9 9.7 14.5

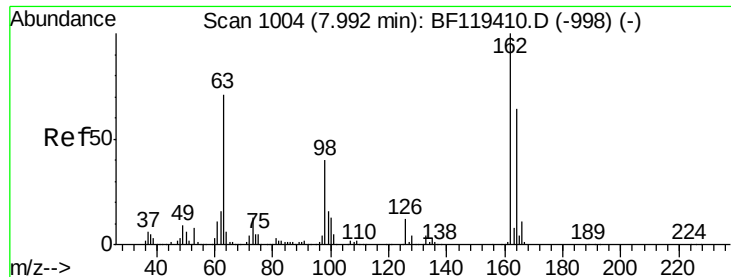


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

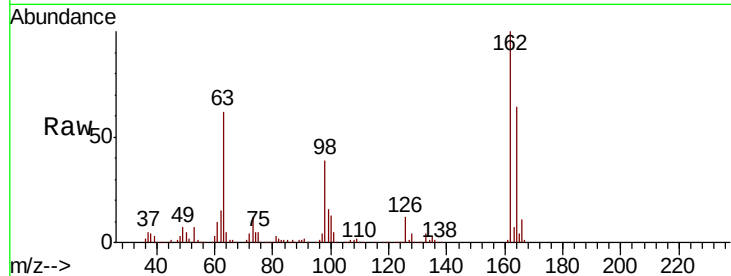




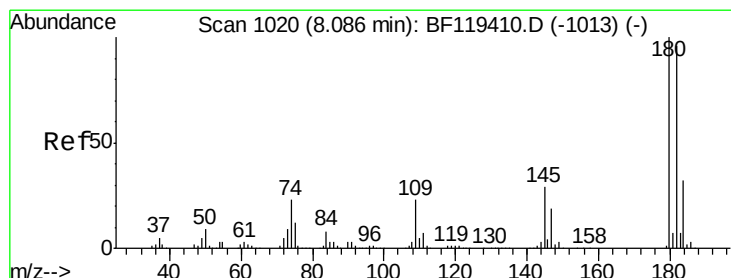
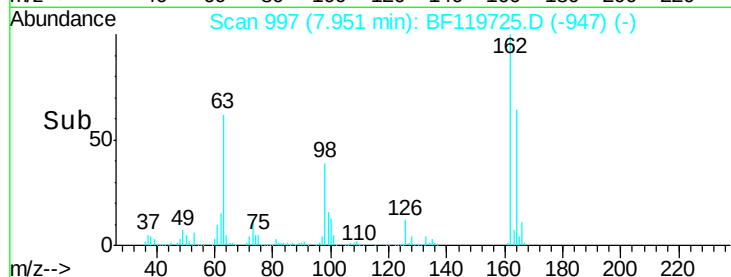
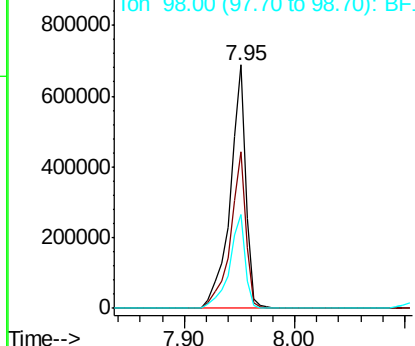
#29
 2,4-Dichlorophenol
 Concen: 57.459 ng
 RT: 7.95 min Scan# 997
 Delta R.T. -0.01 min
 Lab File: BF119725.D
 Acq: 3 Apr 2020 17:57

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

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.4	44.7	84.7
98	38.6	20.7	60.7

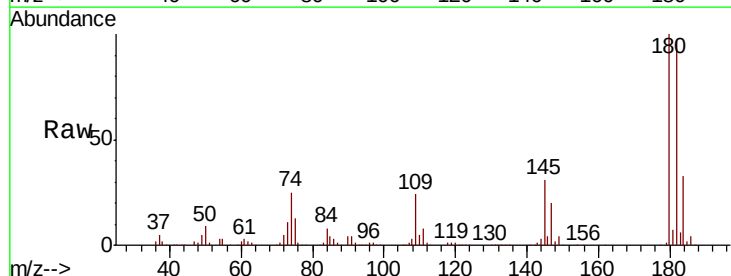


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

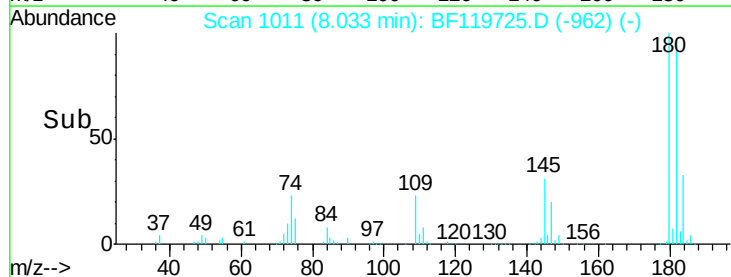
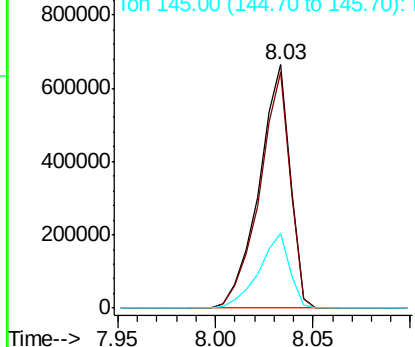


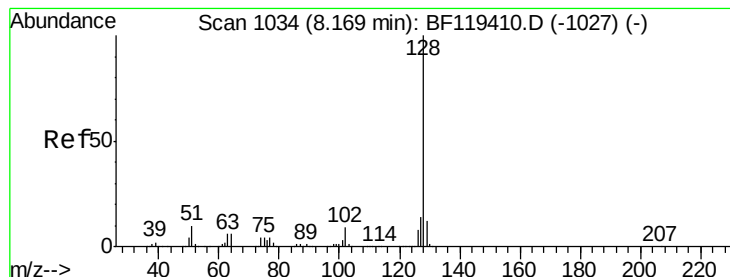
#30
 1,2,4-Trichlorobenzene
 Concen: 55.456 ng
 RT: 8.03 min Scan# 1011
 Delta R.T. -0.01 min
 Lab File: BF119725.D
 Acq: 3 Apr 2020 17:57

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.9	74.7	112.1
145	30.7	24.5	36.7



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





#31

Naphthalene

Concen: 57.323 ng

RT: 8.12 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BF119725.D

Acq: 3 Apr 2020 17:57

Instrument :

BNA_F

ClientSampleId :

239-WC-S-SB-01MSD

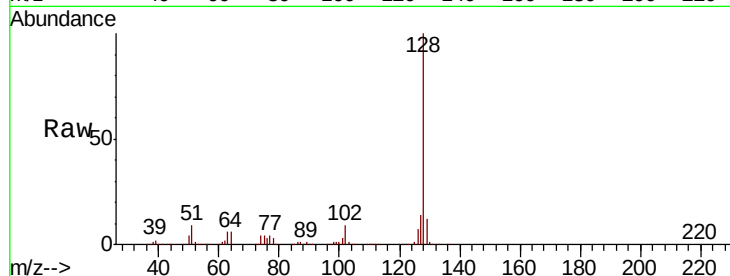
Tot Ion:128 Resp: 2388883

Ion Ratio Lower Upper

128 100

129 11.6 9.5 14.3

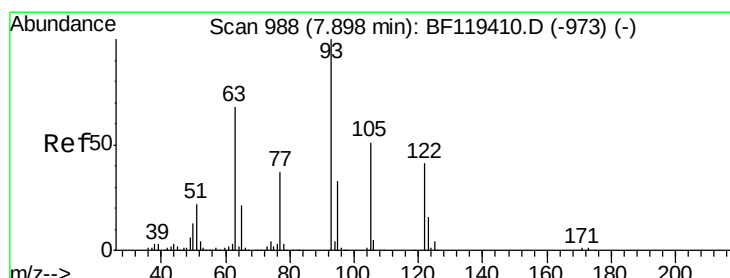
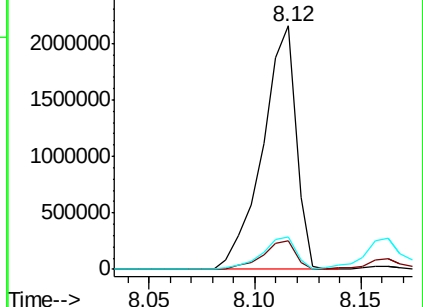
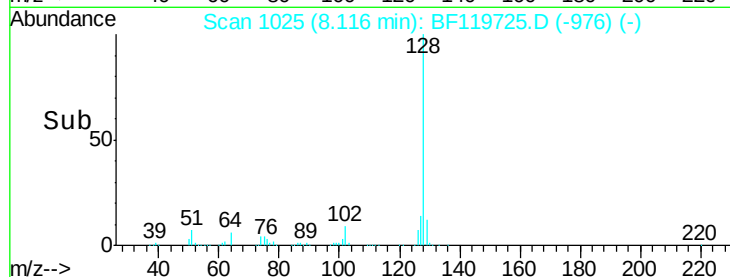
127 13.6 11.3 16.9



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: 64.444 ng

RT: 7.88 min Scan# 985

Delta R.T. -0.00 min

Lab File: BF119725.D

Acq: 3 Apr 2020 17:57

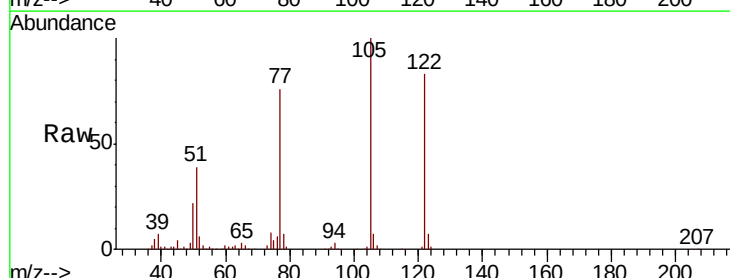
Tgt Ion:122 Resp: 537442

Ion Ratio Lower Upper

122 100

105 120.2 104.9 144.9

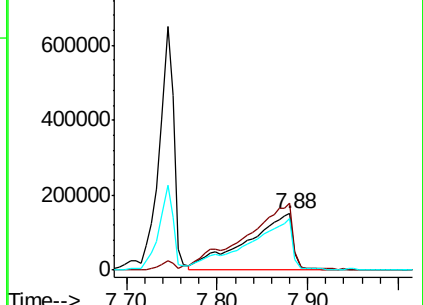
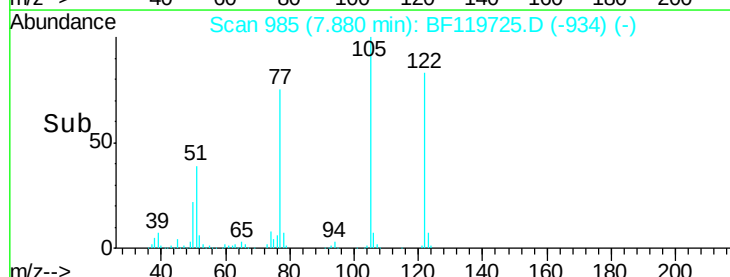
77 91.5 74.4 114.4

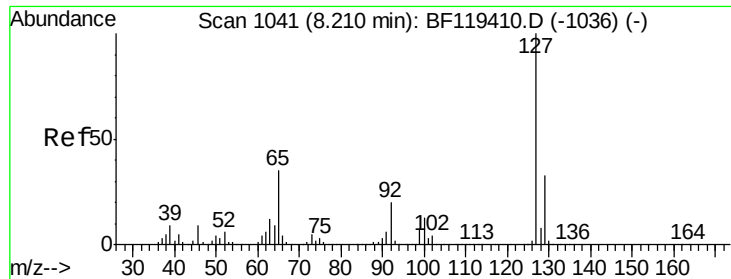


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

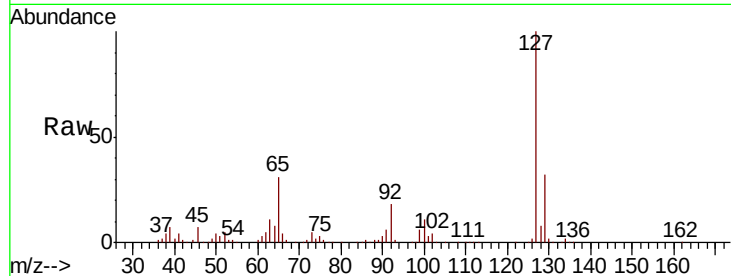




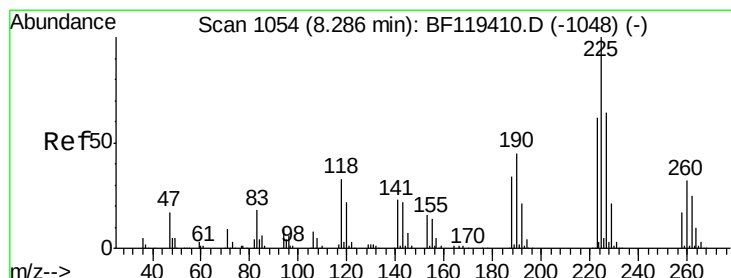
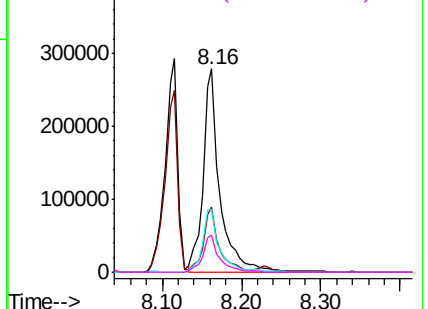
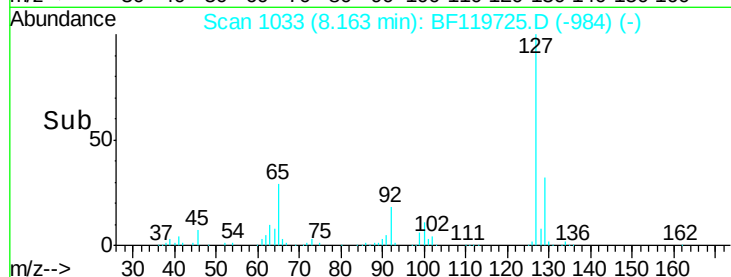
#33
4-Chloroaniline
Concen: 21.373 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF119725.D
Acq: 3 Apr 2020 17:57

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

Tot Ion:	127	Resp:	408137
Ion	Ratio	Lower	Upper
127	100		
129	32.3	26.2	39.4
65	30.8	27.4	41.0
92	18.2	15.3	22.9

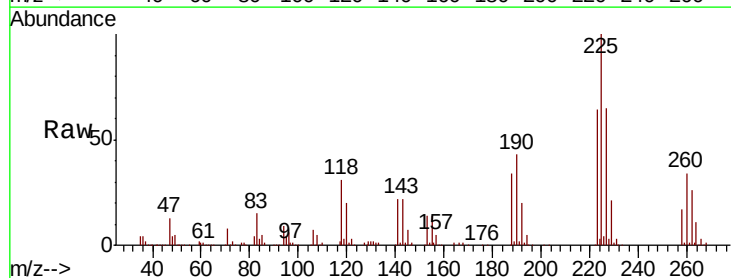


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

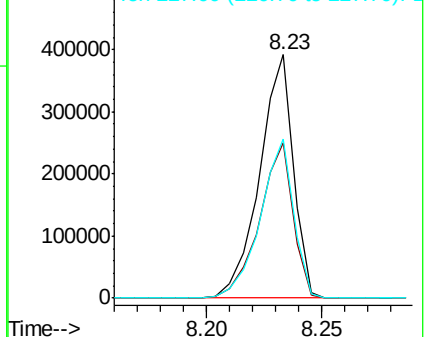
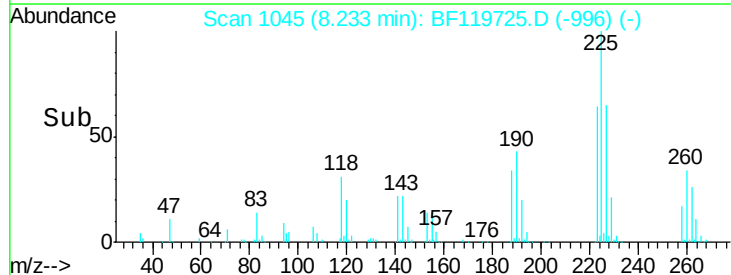


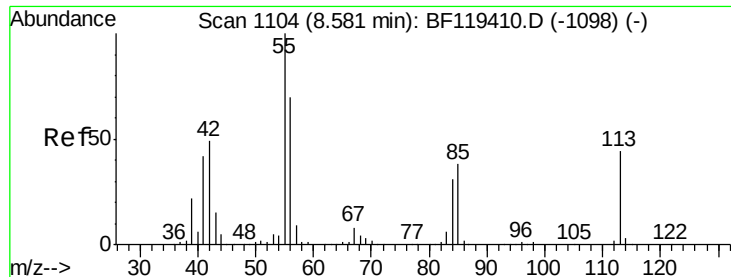
#34
Hexachlorobutadiene
Concen: 54.054 ng
RT: 8.23 min Scan# 1045
Delta R.T. -0.01 min
Lab File: BF119725.D
Acq: 3 Apr 2020 17:57

Tgt Ion:	225	Resp:	398428
Ion	Ratio	Lower	Upper
225	100		
223	63.8	51.0	76.6
227	65.5	50.7	76.1



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

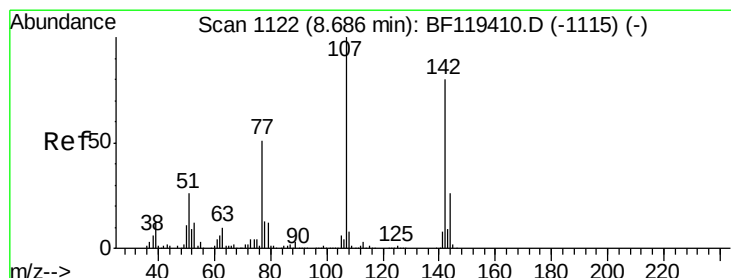
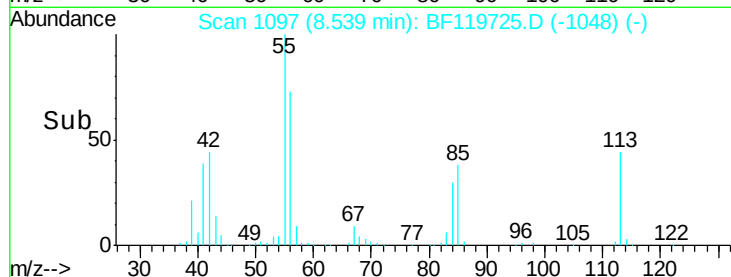
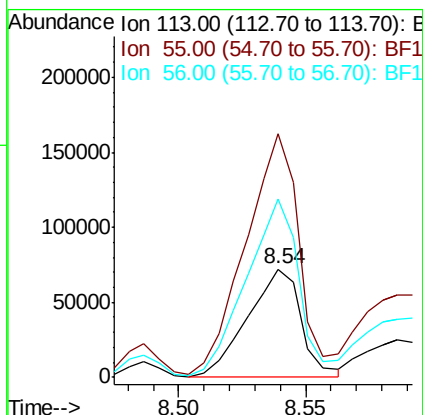
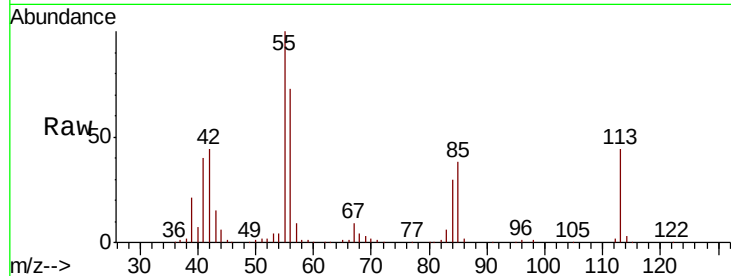




#35
 Caprolactam
 Concen: 27.222 ng
 RT: 8.54 min Scan# 1097
 Delta R.T. -0.01 min
 Lab File: BF119725.D
 Acq: 3 Apr 2020 17:57

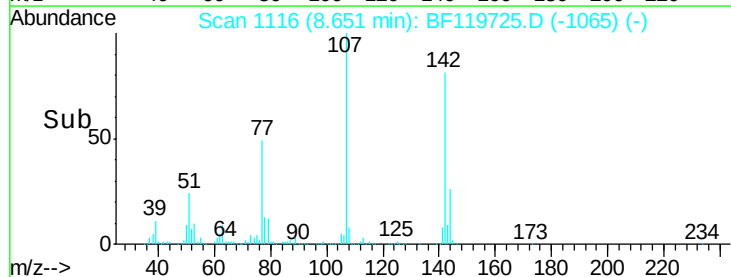
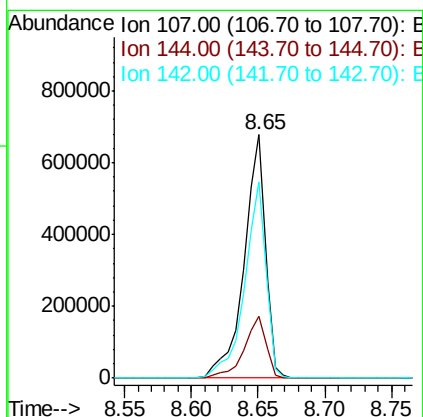
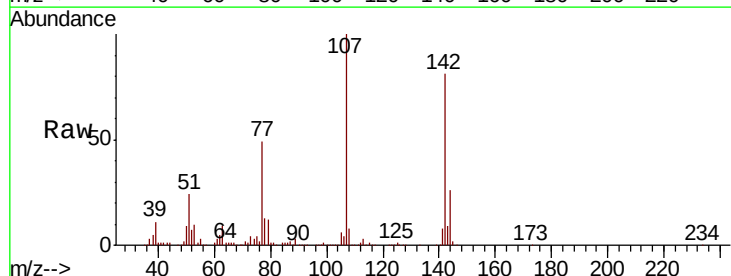
Instrument :
 BNA_F
 ClientSampleId :
 239-WC-S-SB-01MSD

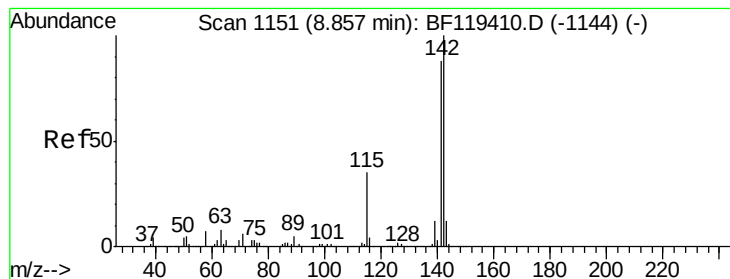
Tot Ion:113 Resp: 106131
 Ion Ratio Lower Upper
 113 100
 55 224.9 218.4 258.4
 56 164.7 148.9 188.9



#36
 4-Chloro-3-methylphenol
 Concen: 57.664 ng
 RT: 8.65 min Scan# 1116
 Delta R.T. -0.00 min
 Lab File: BF119725.D
 Acq: 3 Apr 2020 17:57

Tgt Ion:107 Resp: 750777
 Ion Ratio Lower Upper
 107 100
 144 25.6 21.0 31.6
 142 80.6 64.4 96.6





#37

2-Methylnaphthalene

Concen: 58.527 ng

RT: 8.81 min Scan# 1143

Delta R.T. -0.01 min

Lab File: BF119725.D

Acq: 3 Apr 2020 17:57

Instrument :

BNA_F

ClientSampleId :

239-WC-S-SB-01MSD

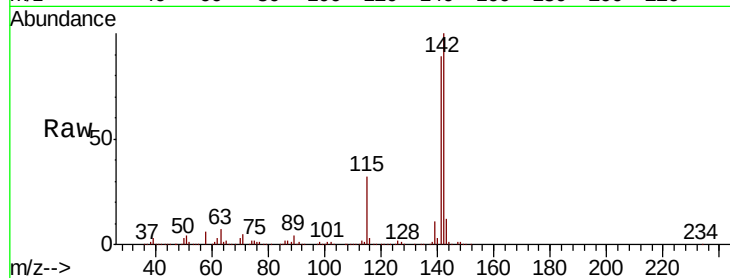
Tot Ion:142 Resp: 1600739

Ion Ratio Lower Upper

142 100

141 88.5 71.7 107.5

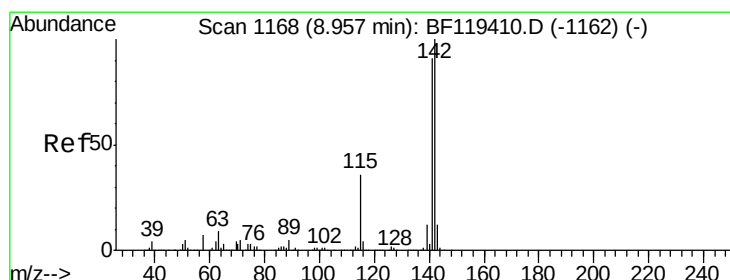
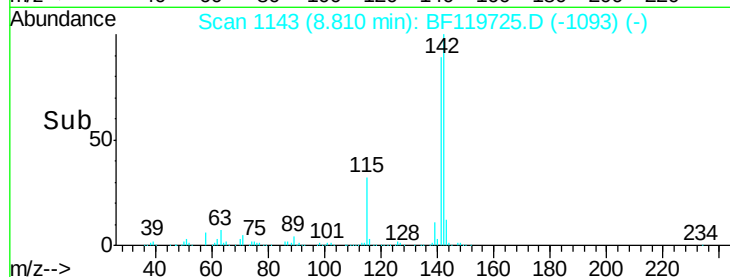
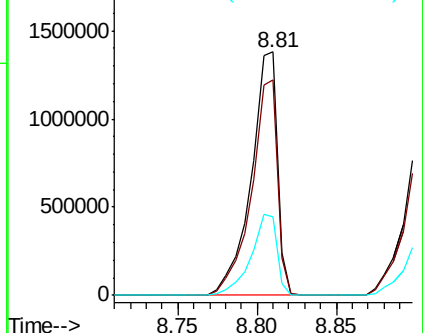
115 32.5 27.9 41.9



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 58.181 ng

RT: 8.90 min Scan# 1159

Delta R.T. -0.01 min

Lab File: BF119725.D

Acq: 3 Apr 2020 17:57

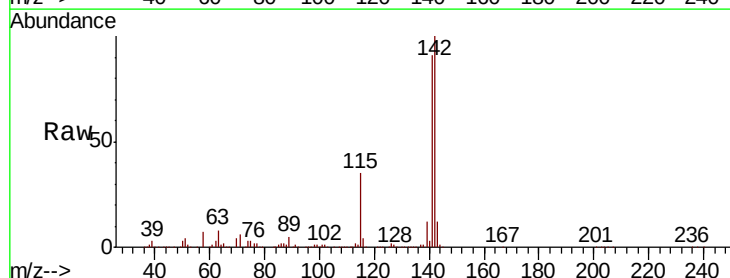
Tgt Ion:142 Resp: 1506165

Ion Ratio Lower Upper

142 100

141 91.4 73.7 110.5

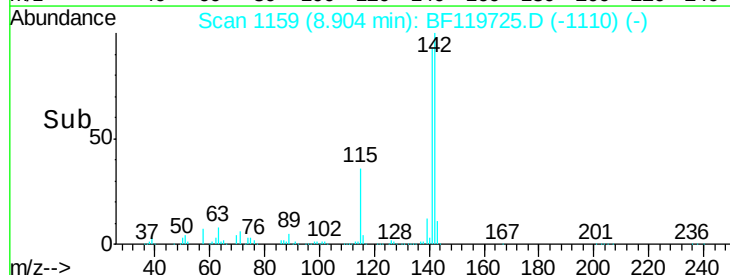
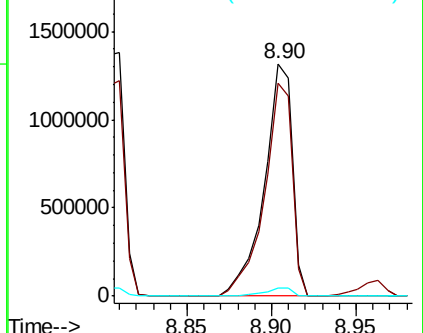
116 3.7 3.0 4.6

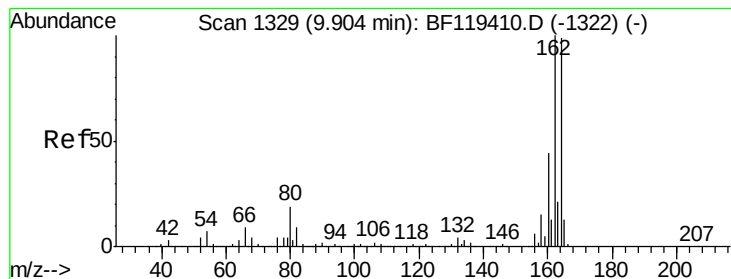


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.85 min Scan# 1320

Delta R.T. -0.01 min

Lab File: BF119725.D

Acq: 3 Apr 2020 17:57

Instrument :

BNA_F

ClientSampleId :

239-WC-S-SB-01MSD

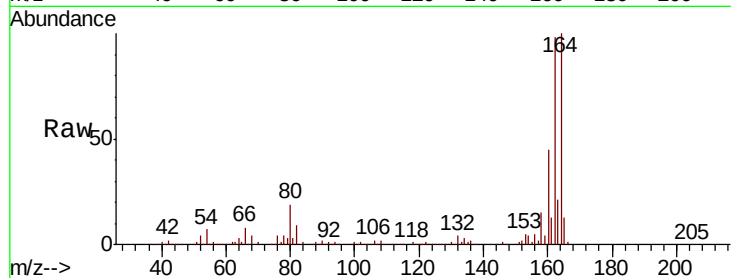
Tot Ion:164 Resp: 424390

Ion Ratio Lower Upper

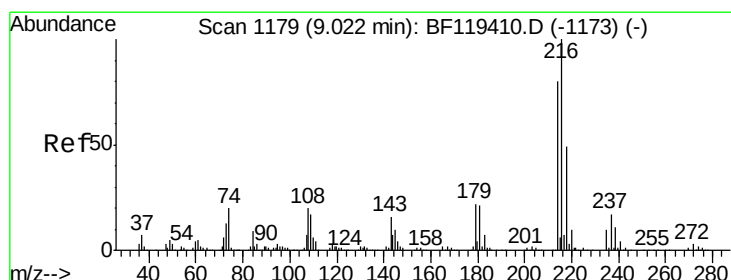
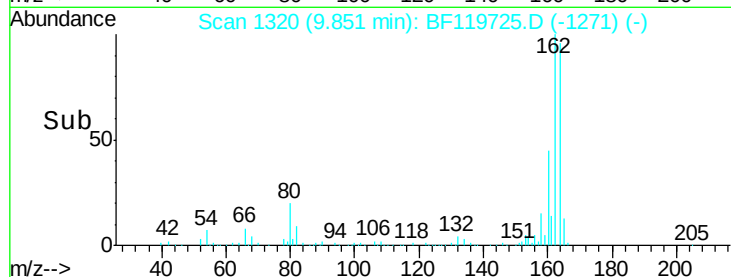
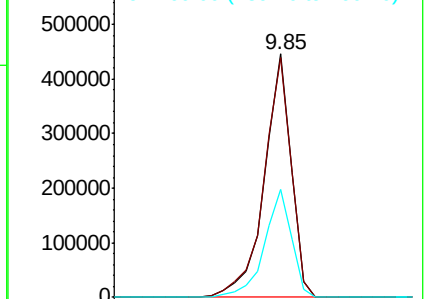
164 100

162 98.5 80.6 121.0

160 44.5 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: 54.252 ng

RT: 8.97 min Scan# 1171

Delta R.T. -0.01 min

Lab File: BF119725.D

Acq: 3 Apr 2020 17:57

Tgt Ion:216 Resp: 674853

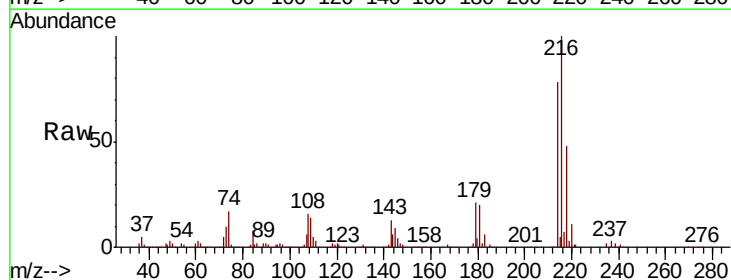
Ion Ratio Lower Upper

216 100

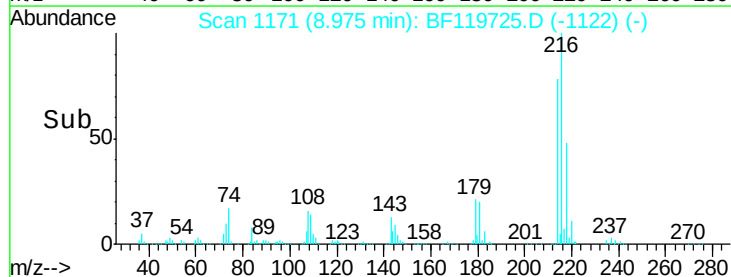
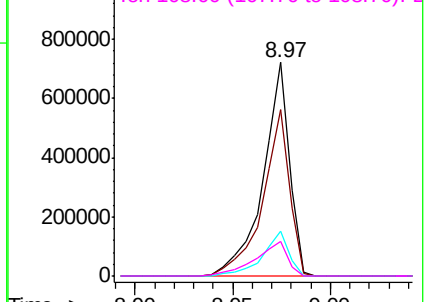
214 78.6 63.2 94.8

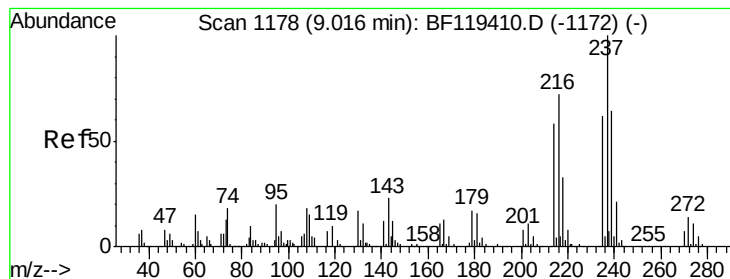
179 20.7 17.1 25.7

108 19.9 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: 106.568 ng

RT: 8.96 min Scan# 1169

Delta R.T. -0.01 min

Lab File: BF119725.D

Acq: 3 Apr 2020 17:57

Instrument :

BNA_F

ClientSampleId :

239-WC-S-SB-01MSD

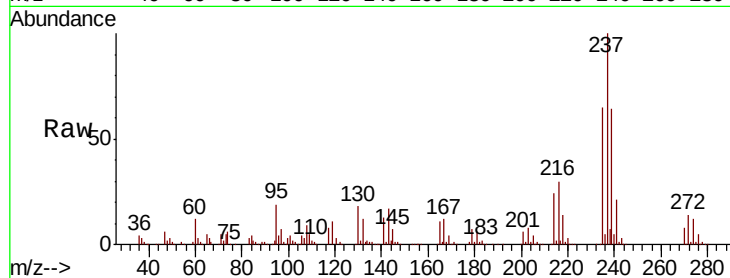
Tot Ion:237 Resp: 753630

Ion Ratio Lower Upper

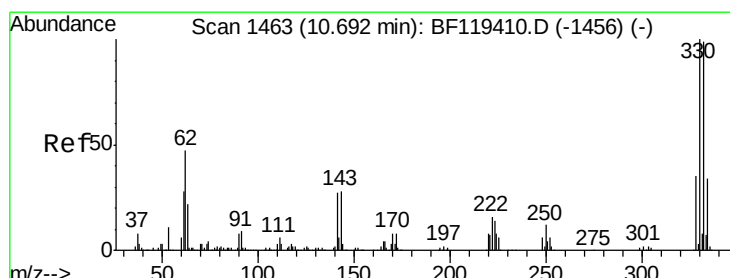
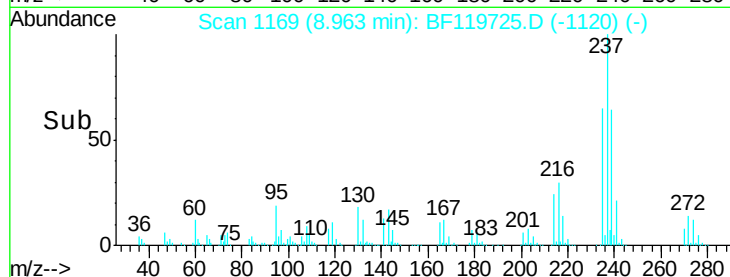
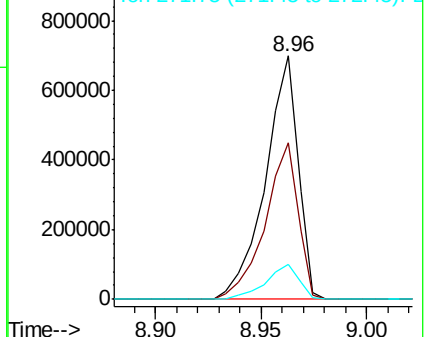
237 100

235 64.5 43.2 83.2

272 14.3 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: 175.443 ng

RT: 10.64 min Scan# 1455

Delta R.T. -0.01 min

Lab File: BF119725.D

Acq: 3 Apr 2020 17:57

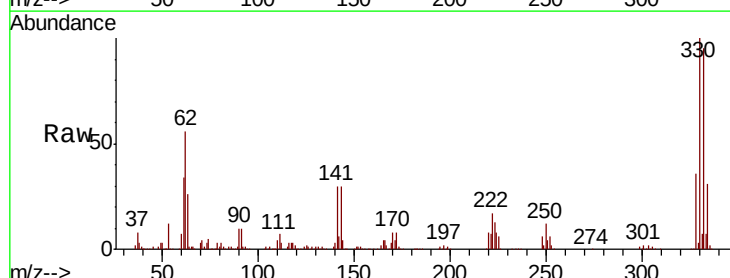
Tgt Ion:330 Resp: 768138

Ion Ratio Lower Upper

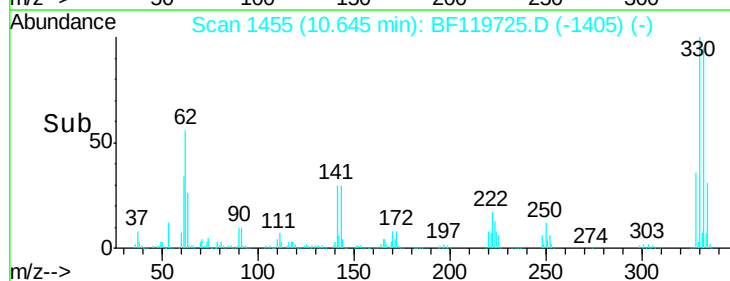
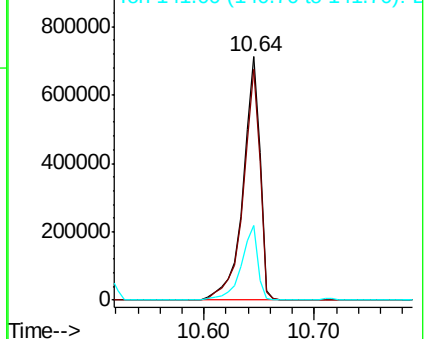
330 100

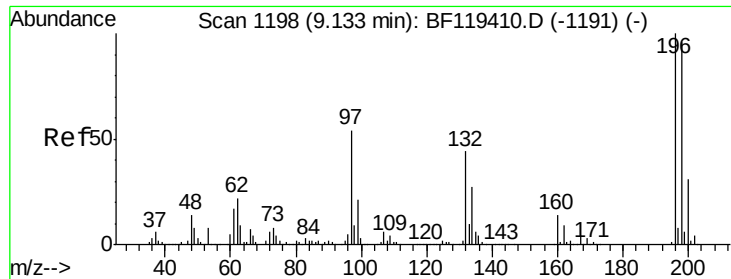
332 94.3 75.7 113.5

141 29.7 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

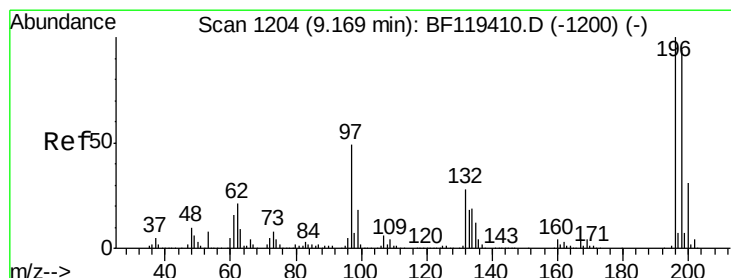
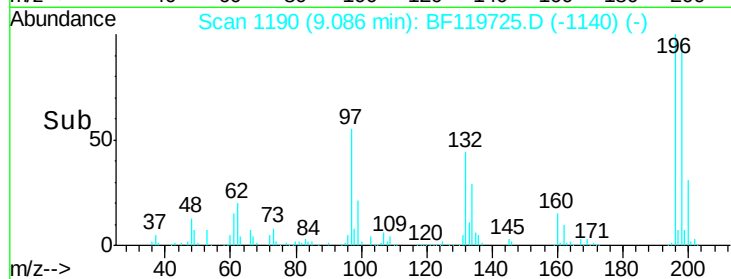
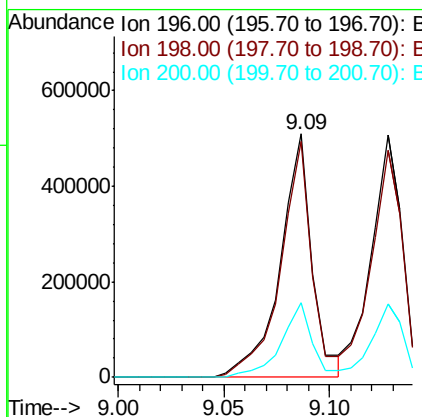
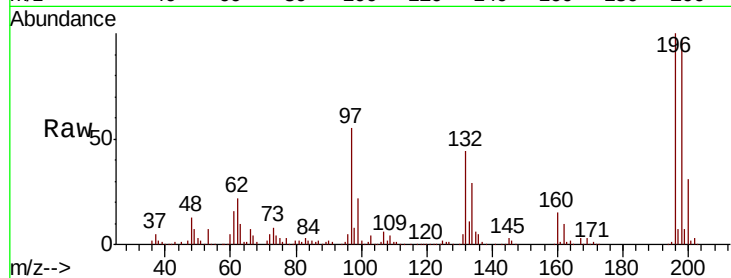




#43
 2,4,6-Trichlorophenol
 Concen: 60.380 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: BF119725.D
 Acq: 3 Apr 2020 17:57

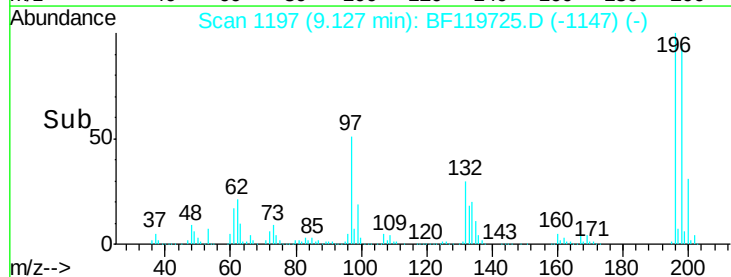
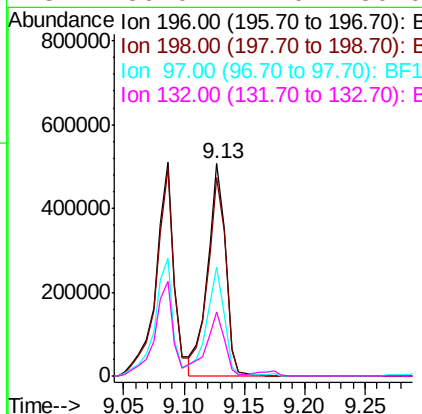
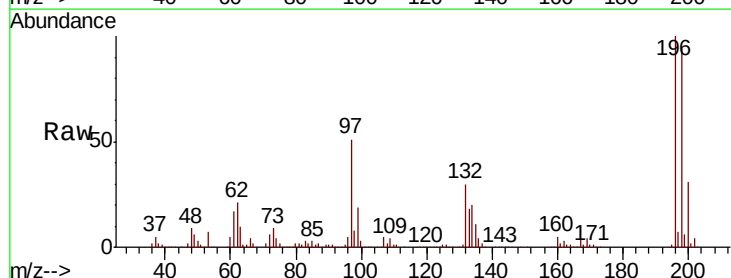
Instrument :
 BNA_F
 ClientSampleId :
 239-WC-S-SB-01MSD

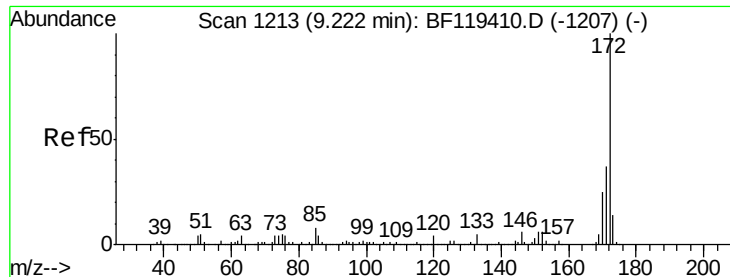
Tot Ion:196 Resp: 537491
 Ion Ratio Lower Upper
 196 100
 198 96.8 76.6 115.0
 200 30.9 24.6 36.8



#44
 2,4,5-Trichlorophenol
 Concen: 52.143 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. -0.01 min
 Lab File: BF119725.D
 Acq: 3 Apr 2020 17:57

Tgt Ion:196 Resp: 519968
 Ion Ratio Lower Upper
 196 100
 198 93.6 73.8 110.8
 97 51.0 42.6 63.8
 132 30.0 24.0 36.0





#45

2-Fluorobiphenyl

Concen: 104.663 ng

RT: 9.17 min Scan# 1205

Delta R.T. -0.01 min

Lab File: BF119725.D

Acq: 3 Apr 2020 17:57

Instrument :

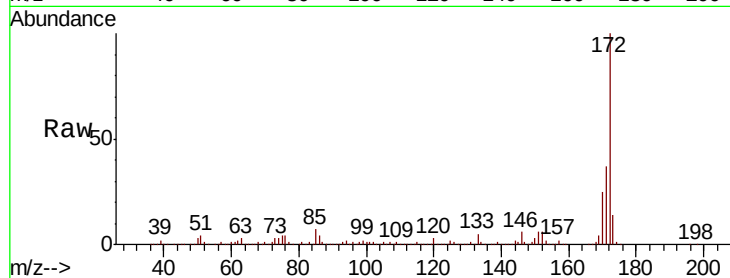
BNA_F

ClientSampleId :

239-WC-S-SB-01MSD

Tot Ion:172 Resp: 2998227

Ion	Ratio	Lower	Upper
172	100		
171	37.0	29.6	44.4
170	24.8	20.2	30.2

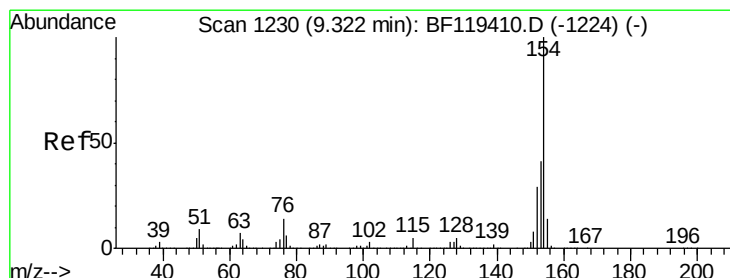
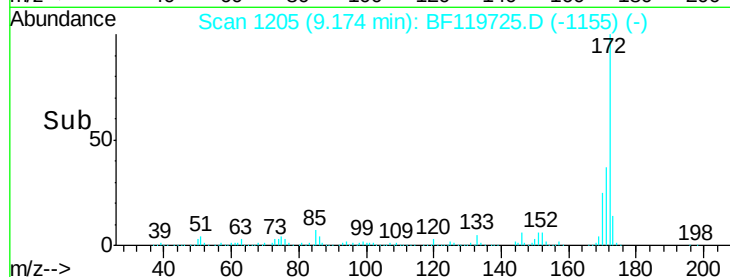
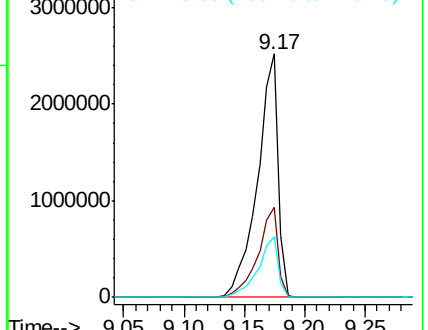


Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46

1,1'-Biphenyl

Concen: 54.612 ng

RT: 9.27 min Scan# 1222

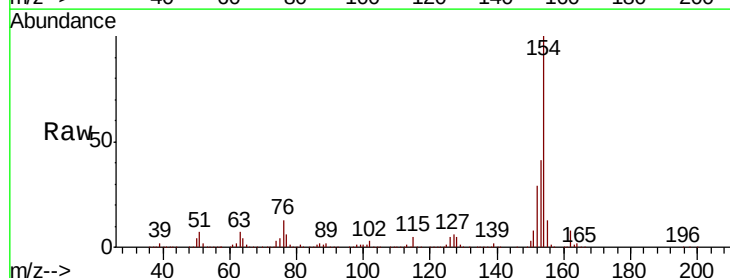
Delta R.T. -0.01 min

Lab File: BF119725.D

Acq: 3 Apr 2020 17:57

Tgt Ion:154 Resp: 1887638

Ion	Ratio	Lower	Upper
154	100		
153	41.0	21.4	61.4
76	12.6	0.0	33.0

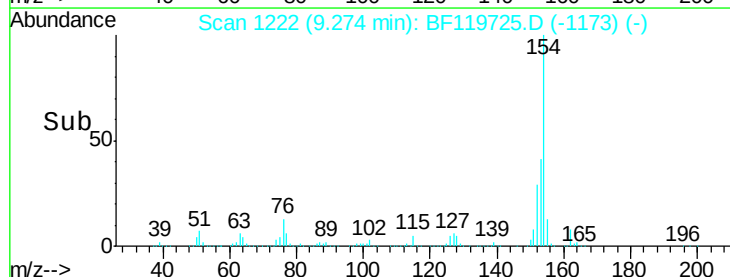
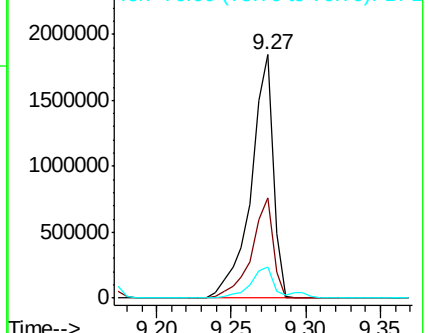


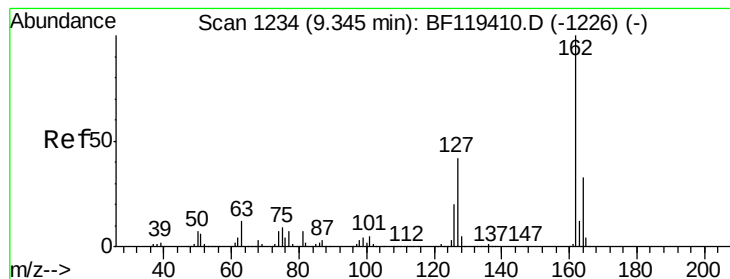
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1





#47

2-Chloronaphthalene

Concen: 54.249 ng

RT: 9.30 min Scan# 1226

Delta R.T. -0.01 min

Lab File: BF119725.D

Acq: 3 Apr 2020 17:57

Instrument :

BNA_F

ClientSampleId :

239-WC-S-SB-01MSD

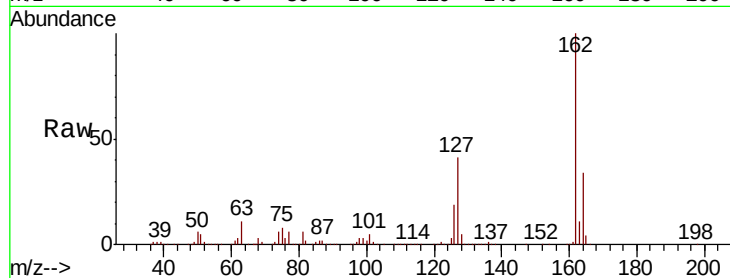
Tot Ion:162 Resp: 1468783

Ion Ratio Lower Upper

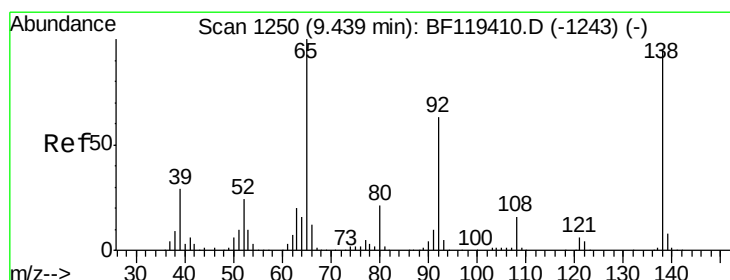
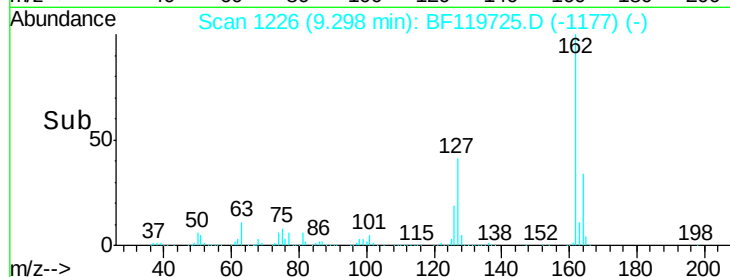
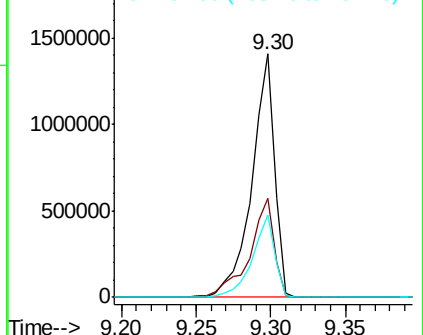
162 100

127 40.8 33.7 50.5

164 33.9 26.3 39.5



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



#48

2-Nitroaniline

Concen: 59.198 ng

RT: 9.39 min Scan# 1242

Delta R.T. -0.01 min

Lab File: BF119725.D

Acq: 3 Apr 2020 17:57

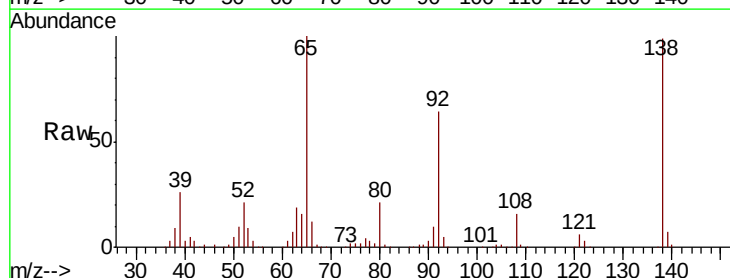
Tgt Ion: 65 Resp: 553220

Ion Ratio Lower Upper

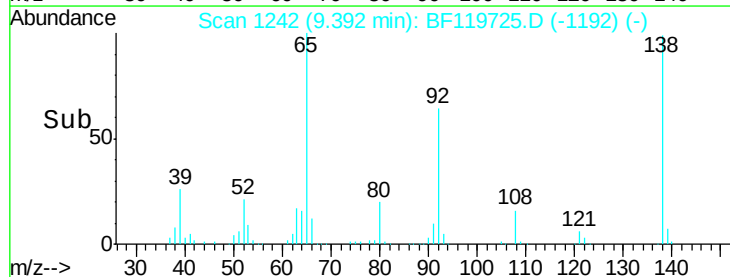
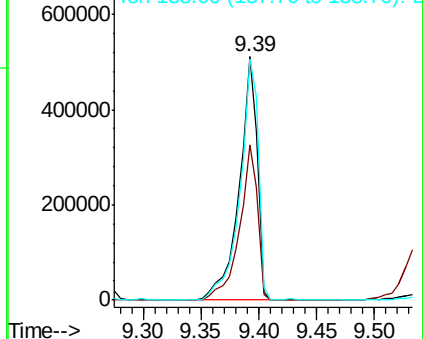
65 100

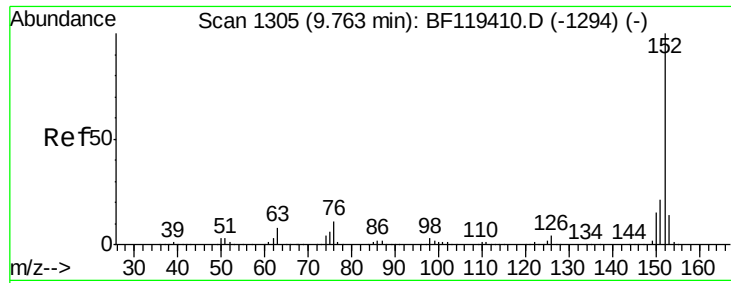
92 63.7 50.0 75.0

138 99.0 75.0 112.4



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





#49

Acenaphthylene

Concen: 54.585 ng

RT: 9.72 min Scan# 1297

Delta R.T. -0.01 min

Lab File: BF119725.D

Acq: 3 Apr 2020 17:57

Instrument :

BNA_F

ClientSampleId :

239-WC-S-SB-01MSD

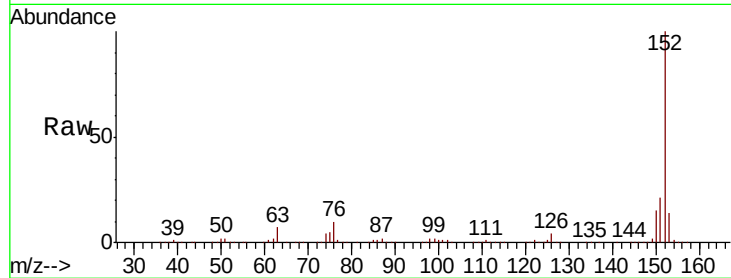
Tot Ion:152 Resp: 2320813

Ion Ratio Lower Upper

152 100

151 21.3 17.2 25.8

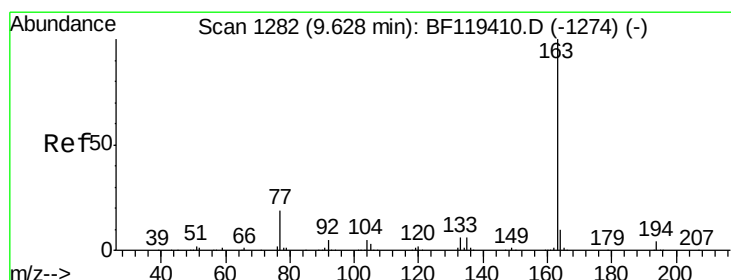
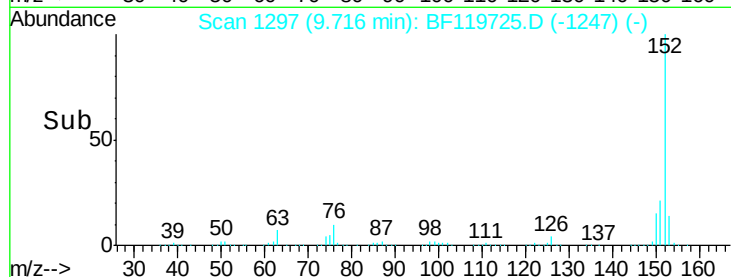
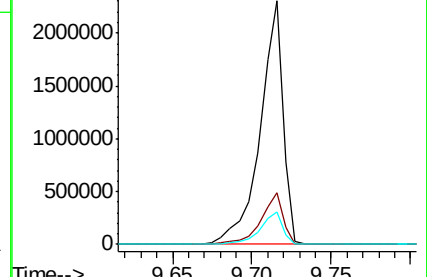
153 13.5 11.2 16.8



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: 57.342 ng

RT: 9.58 min Scan# 1274

Delta R.T. -0.01 min

Lab File: BF119725.D

Acq: 3 Apr 2020 17:57

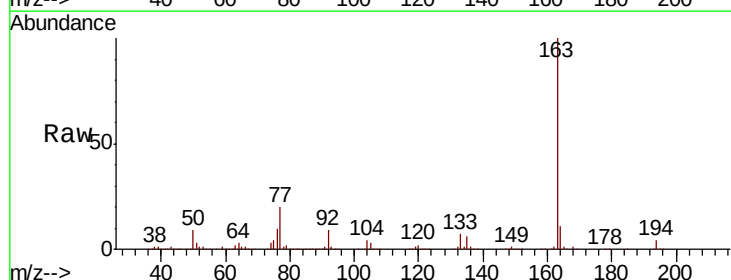
Tgt Ion:163 Resp: 1728538

Ion Ratio Lower Upper

163 100

194 3.9 3.1 4.7

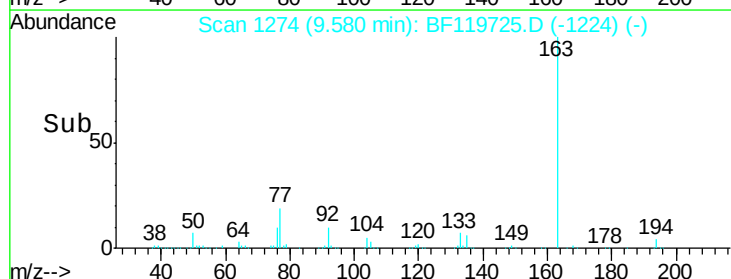
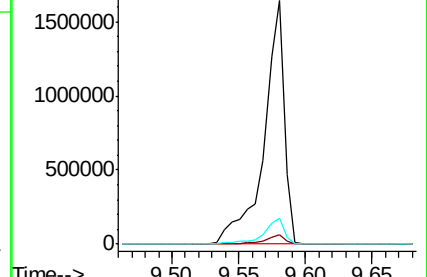
164 10.5 8.2 12.2

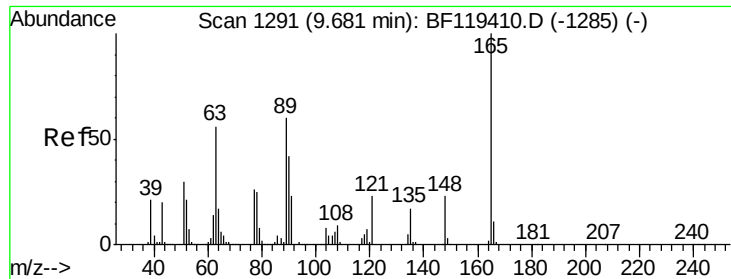


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

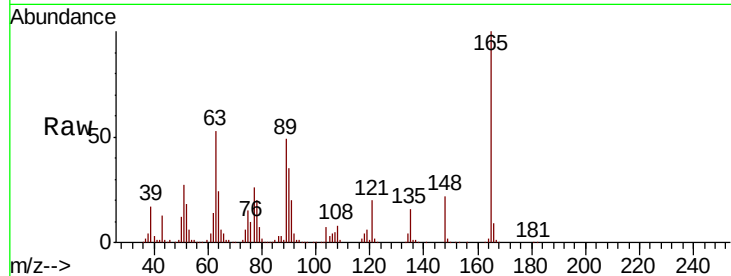




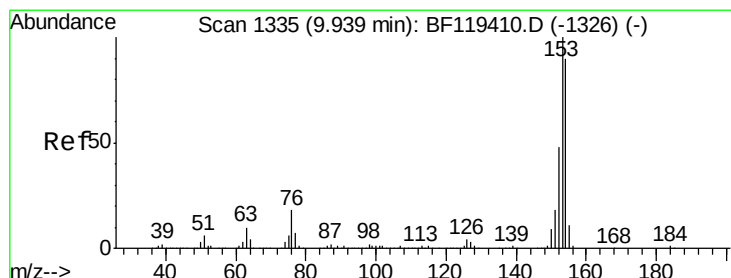
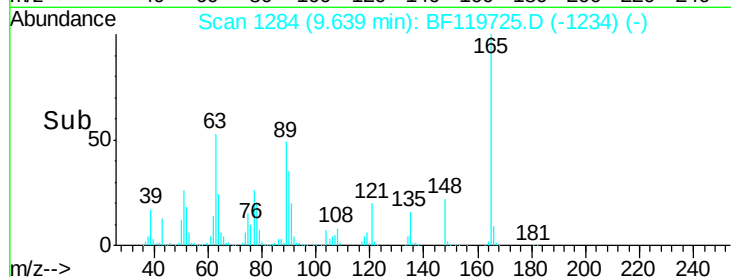
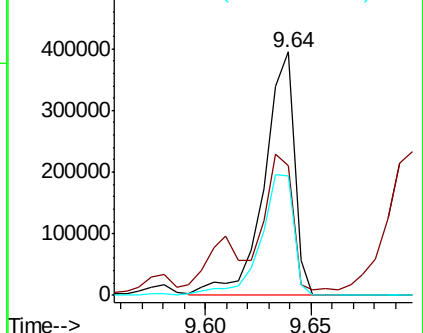
#51
2,6-Dinitrotoluene
Concen: 60.840 ng
RT: 9.64 min Scan# 1284
Delta R.T. -0.01 min
Lab File: BF119725.D
Acq: 3 Apr 2020 17:57

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

Tot Ion:165 Resp: 393108
Ion Ratio Lower Upper
165 100
63 53.3 45.0 67.4
89 49.1 41.5 62.3

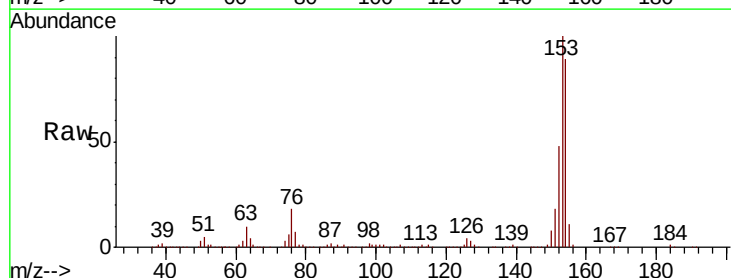


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

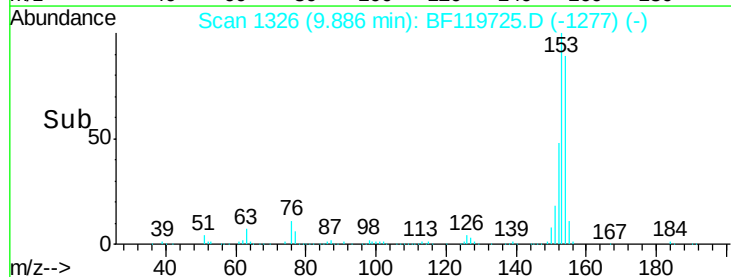
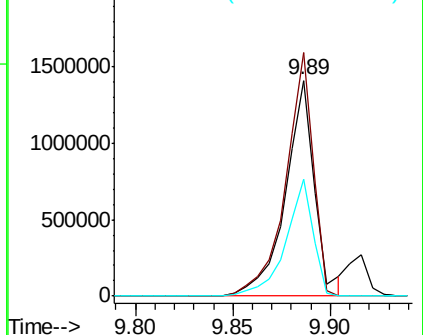


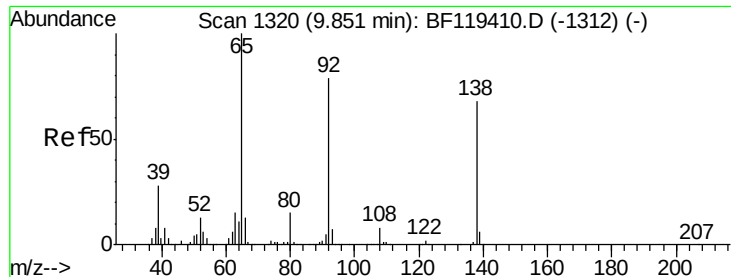
#52
Acenaphthene
Concen: 54.886 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.01 min
Lab File: BF119725.D
Acq: 3 Apr 2020 17:57

Tgt Ion:154 Resp: 1454797
Ion Ratio Lower Upper
154 100
153 112.8 88.1 132.1
152 54.1 43.0 64.4



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

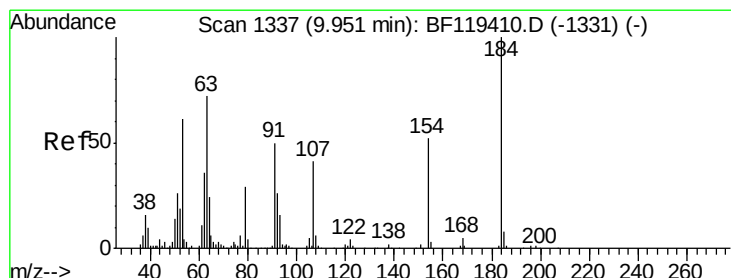
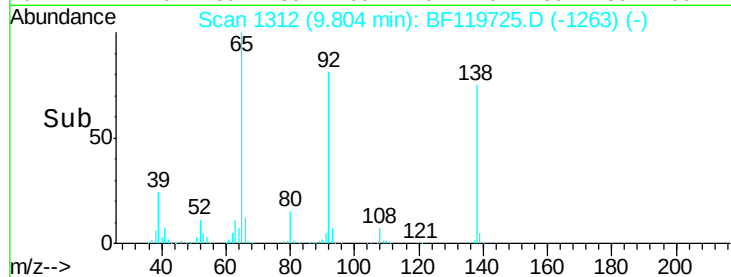
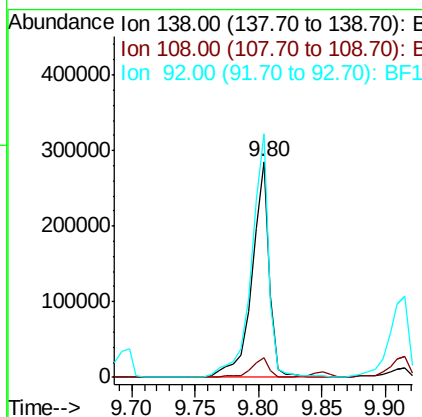
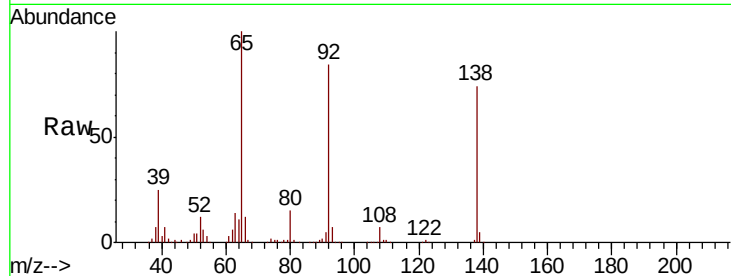




#53
 3-Nitroaniline
 Concen: 33.456 ng
 RT: 9.80 min Scan# 1312
 Delta R.T. -0.01 min
 Lab File: BF119725.D
 Acq: 3 Apr 2020 17:57

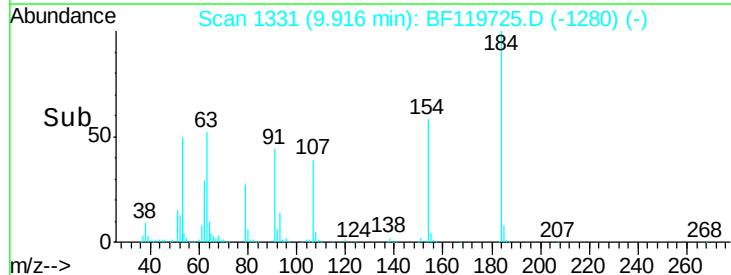
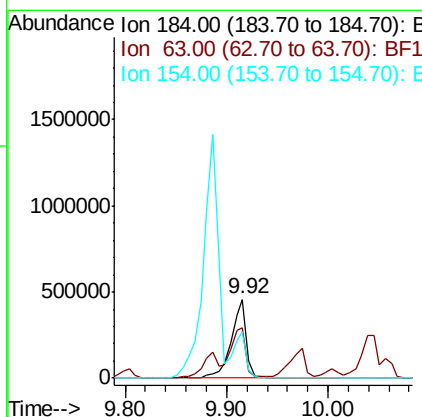
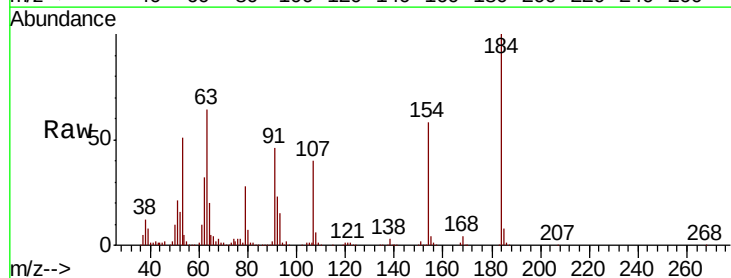
Instrument :
 BNA_F
 ClientSampleId :
 239-WC-S-SB-01MSD

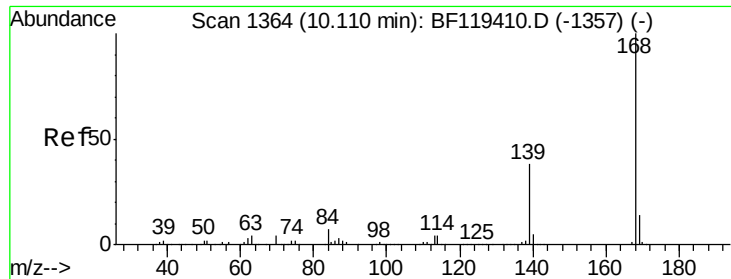
Tot Ion:138 Resp: 272913
 Ion Ratio Lower Upper
 138 100
 108 9.4 8.6 13.0
 92 112.8 95.4 143.0



#54
 2,4-Dinitrophenol
 Concen: 160.752 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.00 min
 Lab File: BF119725.D
 Acq: 3 Apr 2020 17:57

Tgt Ion:184 Resp: 472015
 Ion Ratio Lower Upper
 184 100
 63 64.4 50.2 75.4
 154 58.3 44.5 66.7

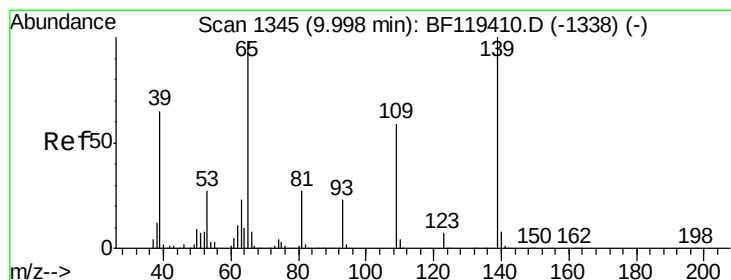
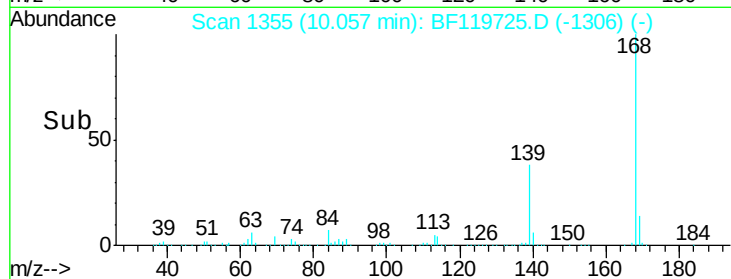
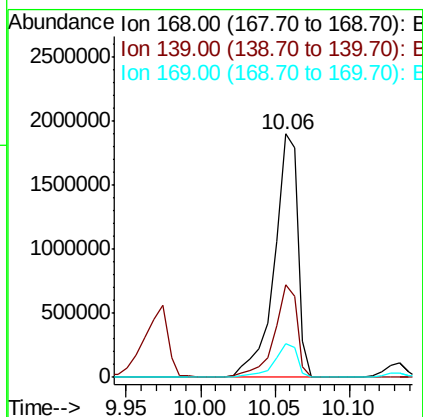
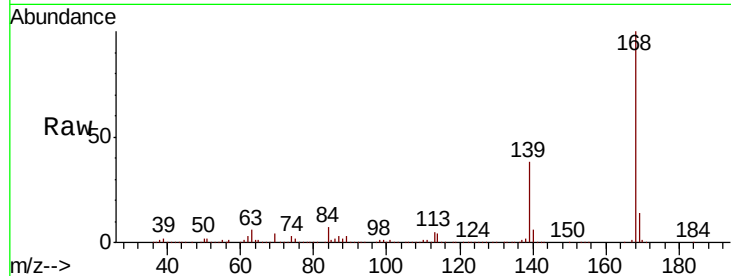




#55
Dibenzofuran
Concen: 55.070 ng
RT: 10.06 min Scan# 1355
Delta R.T. -0.01 min
Lab File: BF119725.D
Acq: 3 Apr 2020 17:57

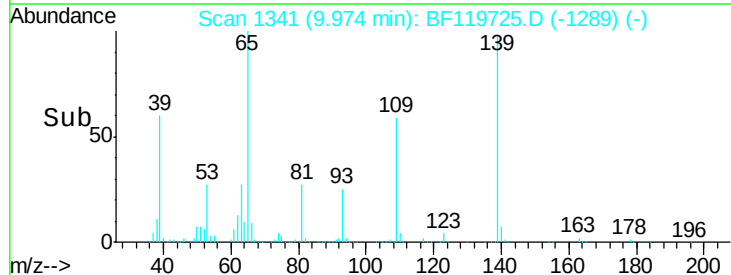
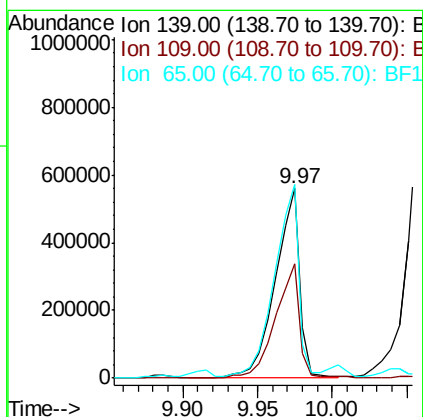
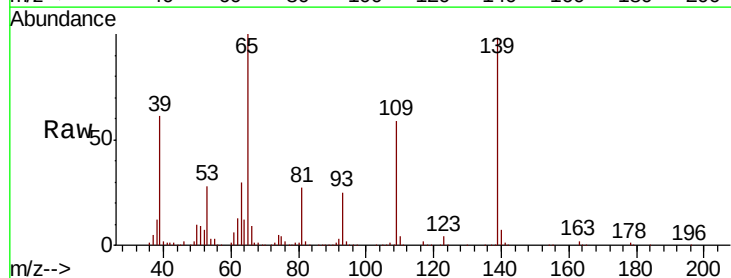
Instrument :
BNA_F
ClientSampleId :
239-WC-S-SB-01MSD

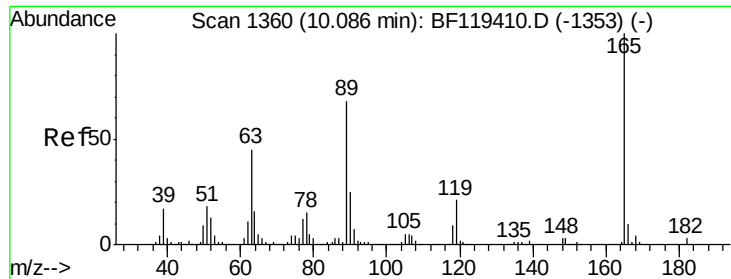
Tot Ion:168 Resp: 2092812
Ion Ratio Lower Upper
168 100
139 37.9 30.1 45.1
169 14.1 11.0 16.6



#56
4-Nitrophenol
Concen: 98.807 ng
RT: 9.97 min Scan# 1341
Delta R.T. 0.01 min
Lab File: BF119725.D
Acq: 3 Apr 2020 17:57

Tgt Ion:139 Resp: 635827
Ion Ratio Lower Upper
139 100
109 60.4 43.3 83.3
65 102.3 91.0 131.0





#57

2,4-Dinitrotoluene

Concen: 65.445 ng

RT: 10.05 min Scan# 1353

Delta R.T. -0.01 min

Lab File: BF119725.D

Acq: 3 Apr 2020 17:57

Instrument :

BNA_F

ClientSampleId :

239-WC-S-SB-01MSD

Tot Ion:165 Resp: 532691

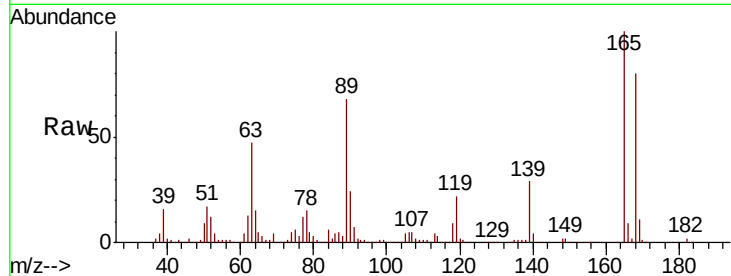
Ion Ratio Lower Upper

165 100

63 47.4 42.6 64.0

89 68.0 61.0 91.4

182 2.5 2.2 3.2

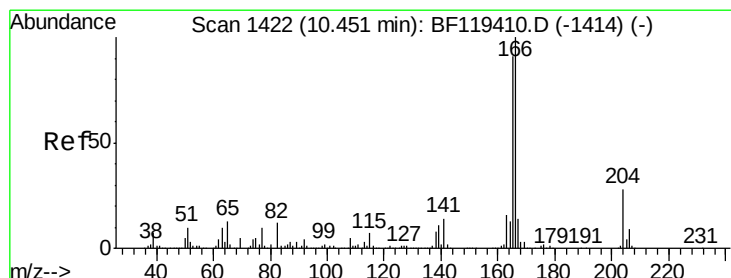
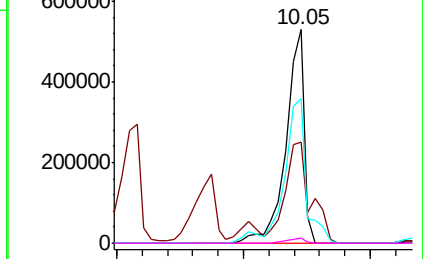
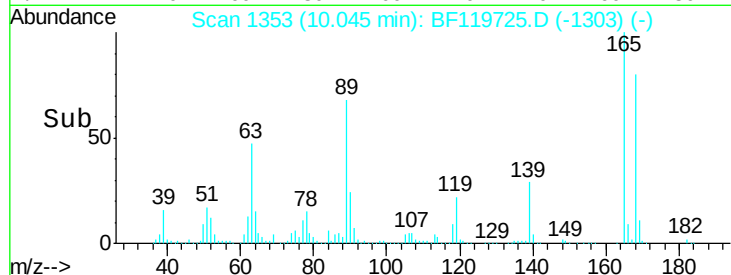


Abundance Ion 165.00 (164.70 to 165.70): E

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



#58

Fluorene

Concen: 57.198 ng

RT: 10.40 min Scan# 1414

Delta R.T. -0.01 min

Lab File: BF119725.D

Acq: 3 Apr 2020 17:57

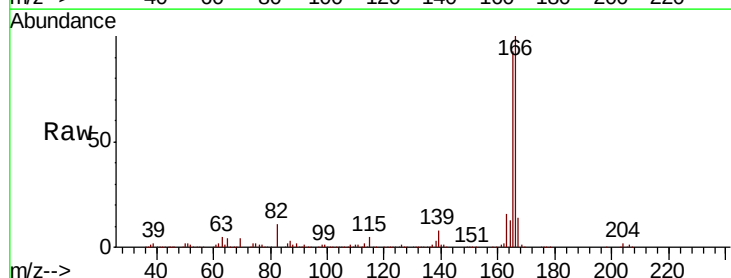
Tgt Ion:166 Resp: 1607393

Ion Ratio Lower Upper

166 100

165 93.1 75.4 113.2

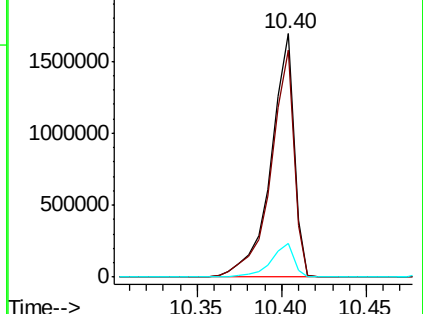
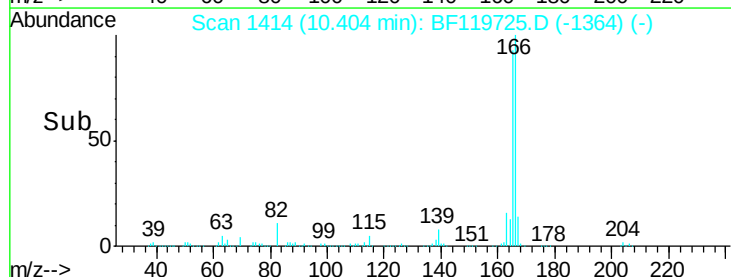
167 13.7 11.2 16.8

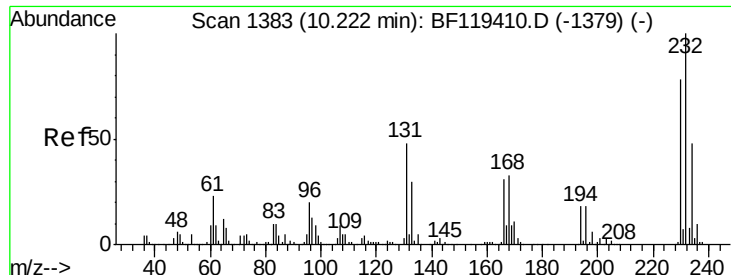


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

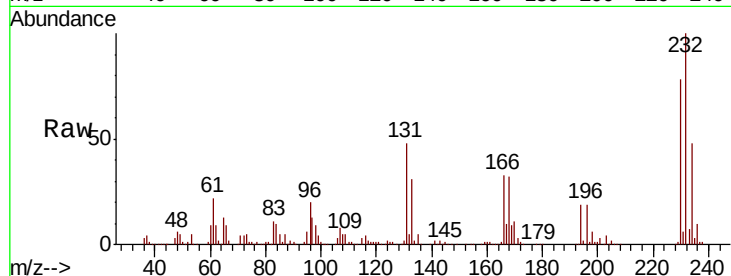




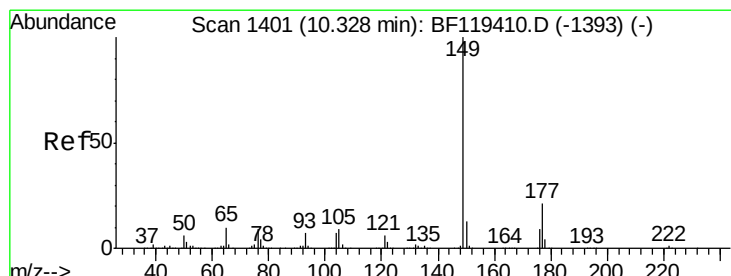
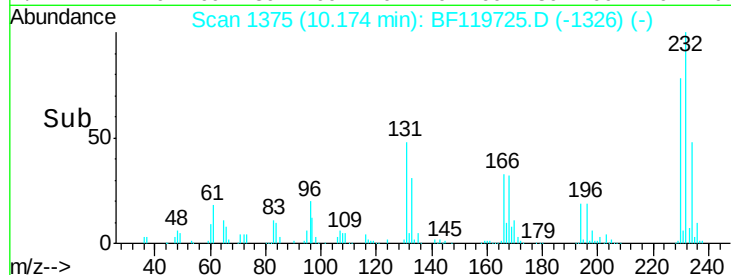
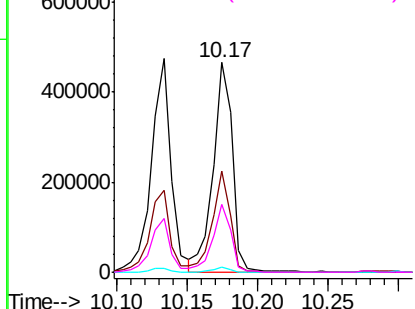
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 59.077 ng
 RT: 10.17 min Scan# 1375
 Delta R.T. -0.01 min
 Lab File: BF119725.D
 Acq: 3 Apr 2020 17:57

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

Tot Ion:232 Resp: 440358
 Ion Ratio Lower Upper
 232 100
 131 45.2 37.5 56.3
 130 2.0 1.8 2.6
 166 30.6 24.6 36.8

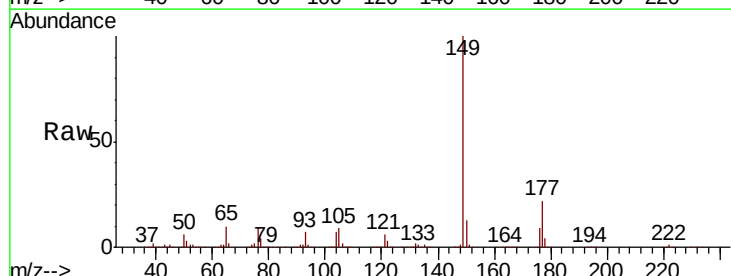


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

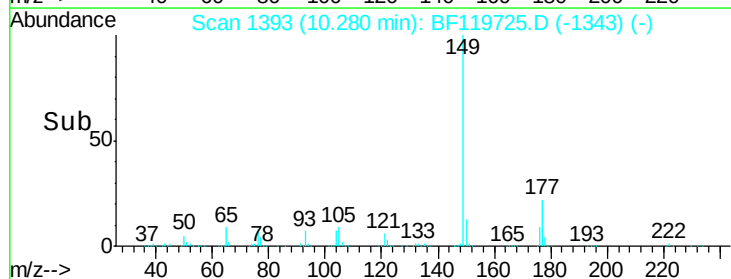
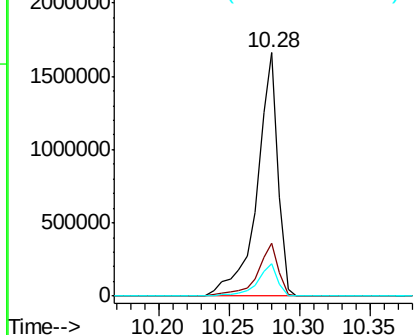


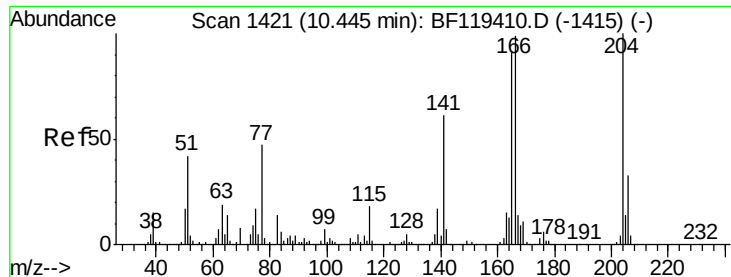
#60
 Diethylphthalate
 Concen: 56.727 ng
 RT: 10.28 min Scan# 1393
 Delta R.T. -0.01 min
 Lab File: BF119725.D
 Acq: 3 Apr 2020 17:57

Tgt Ion:149 Resp: 1735566
 Ion Ratio Lower Upper
 149 100
 177 21.8 17.0 25.6
 150 13.1 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

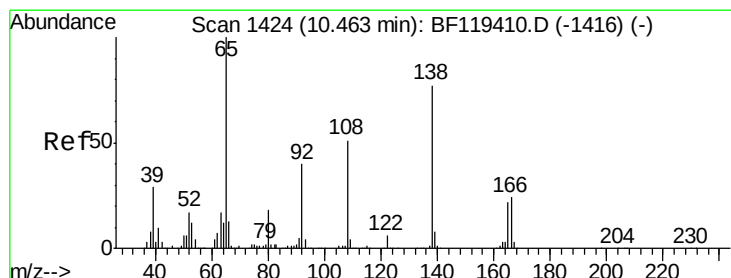
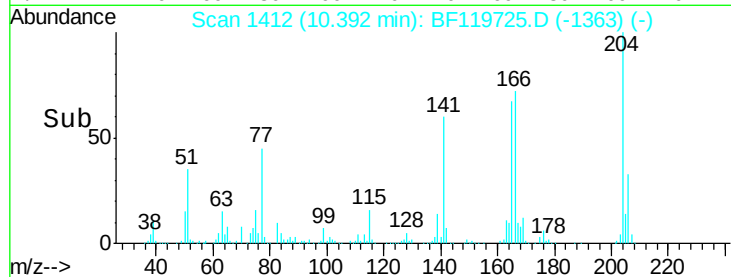
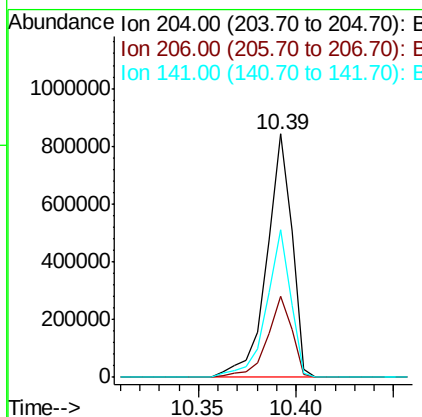
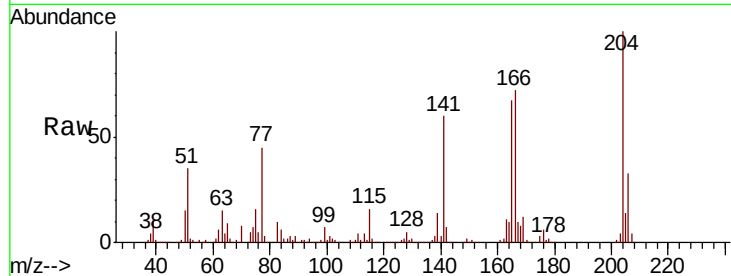




#61
4-Chlorophenyl-phenylether
Concen: 54.877 ng
RT: 10.39 min Scan# 1412
Delta R.T. -0.01 min
Lab File: BF119725.D
Acq: 3 Apr 2020 17:57

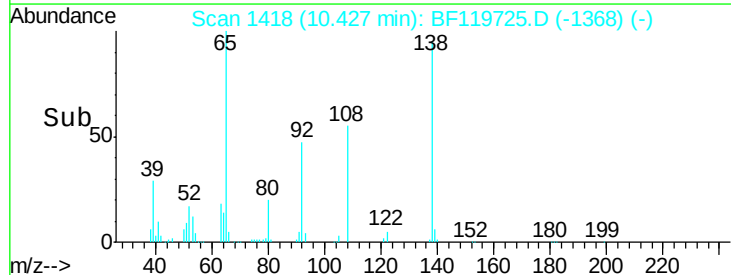
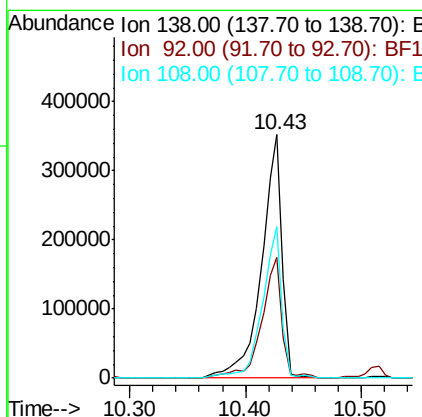
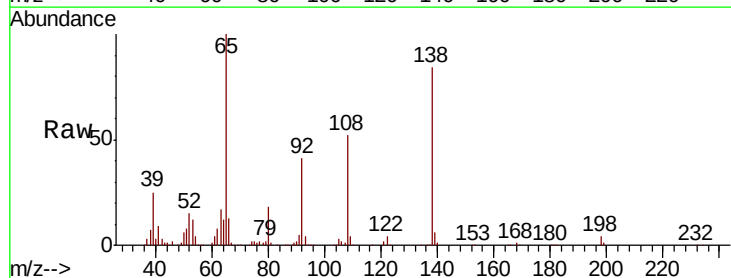
Instrument :
BNA_F
ClientSampleId :
239-WC-S-SB-01MSD

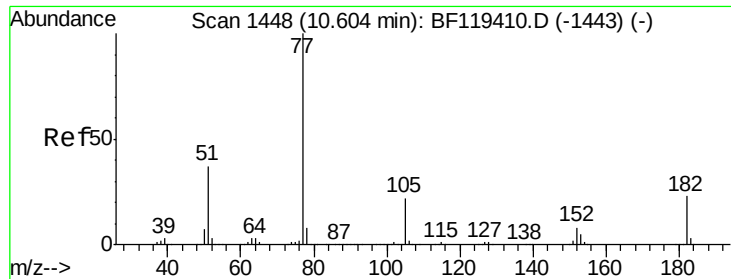
Tot Ion:204 Resp: 754154
Ion Ratio Lower Upper
204 100
206 33.2 26.7 40.1
141 60.4 47.3 70.9



#62
4-Nitroaniline
Concen: 55.683 ng
RT: 10.43 min Scan# 1418
Delta R.T. -0.01 min
Lab File: BF119725.D
Acq: 3 Apr 2020 17:57

Tgt Ion:138 Resp: 435569
Ion Ratio Lower Upper
138 100
92 49.4 31.5 71.5
108 62.0 45.8 85.8





#63

Azobenzene

Concen: 54.235 ng

RT: 10.56 min Scan# 1440

Delta R.T. -0.01 min

Lab File: BF119725.D

Acq: 3 Apr 2020 17:57

Instrument :

BNA_F

ClientSampleId :

239-WC-S-SB-01MSD

Tot Ion: 77 Resp: 1670968

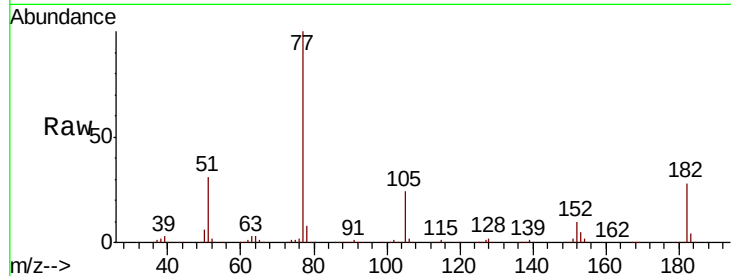
Ion Ratio Lower Upper

77 100

182 28.3 4.4 44.4

105 24.0 2.6 42.6

51 31.1 15.1 55.1

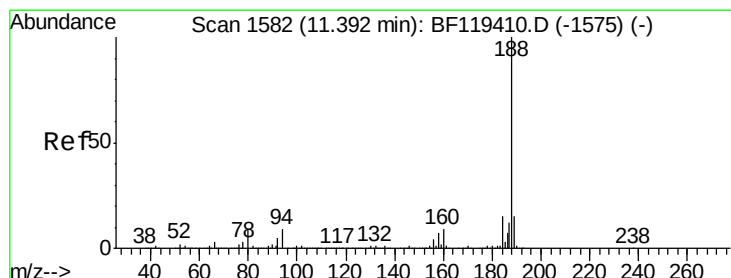
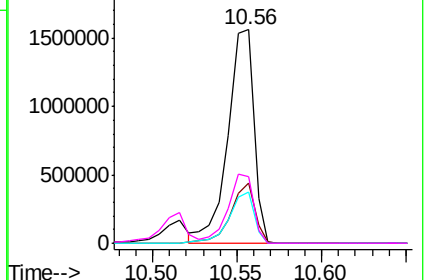
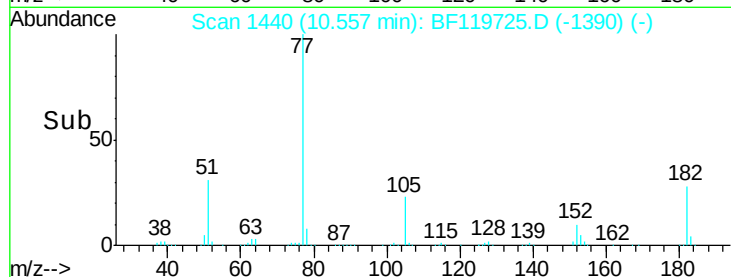


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: BF119725.D

Acq: 3 Apr 2020 17:57

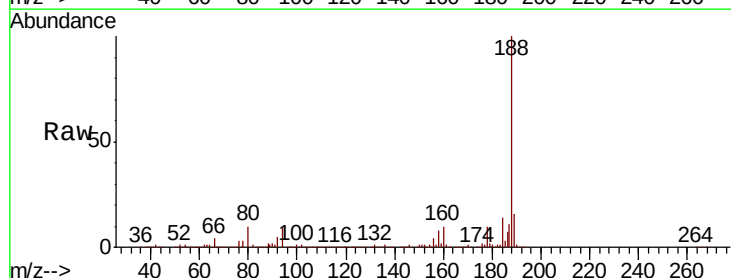
Tgt Ion: 188 Resp: 809764

Ion Ratio Lower Upper

188 100

94 9.5 7.5 11.3

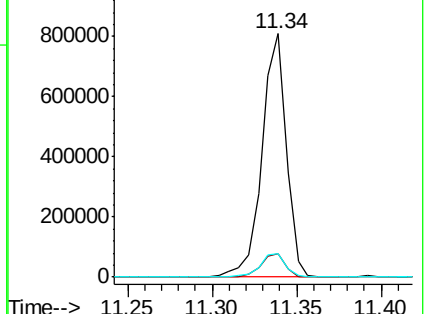
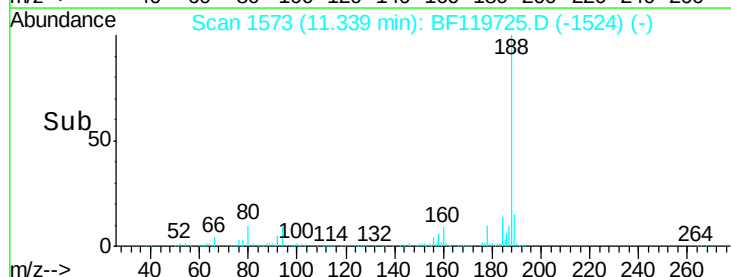
80 9.7 9.0 13.4

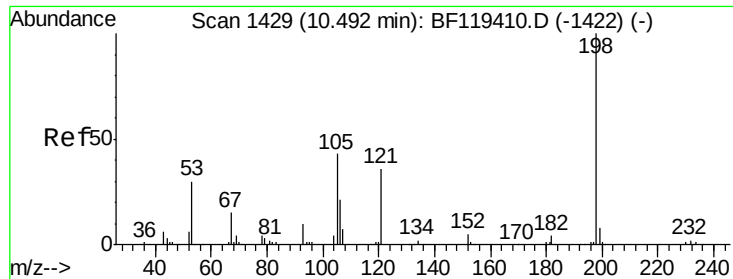


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

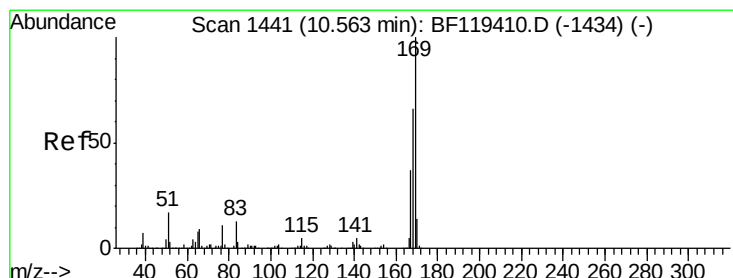
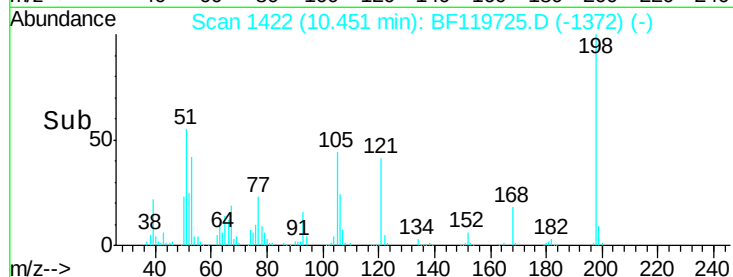
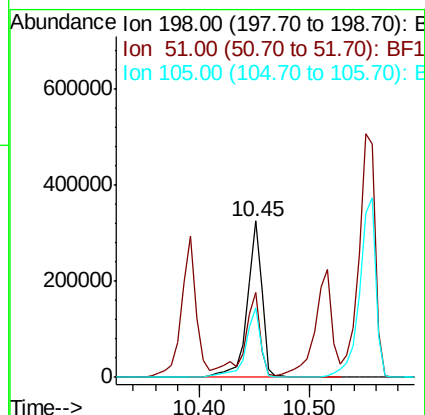
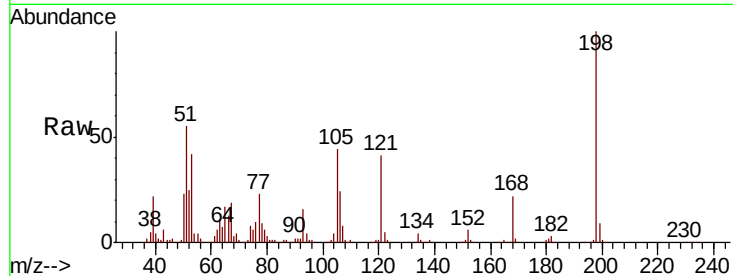




#65
 4,6-Dinitro-2-methylphenol
 Concen: 89.770 ng
 RT: 10.45 min Scan# 1422
 Delta R.T. -0.01 min
 Lab File: BF119725.D
 Acq: 3 Apr 2020 17:57

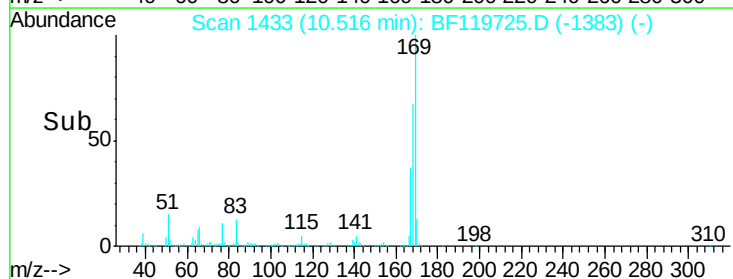
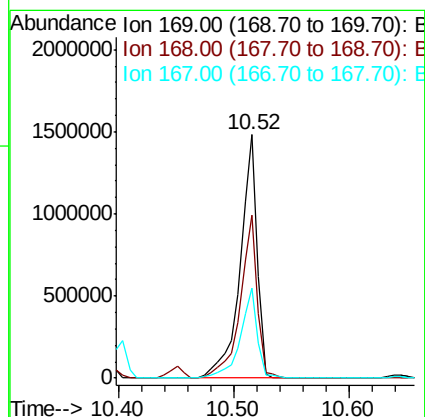
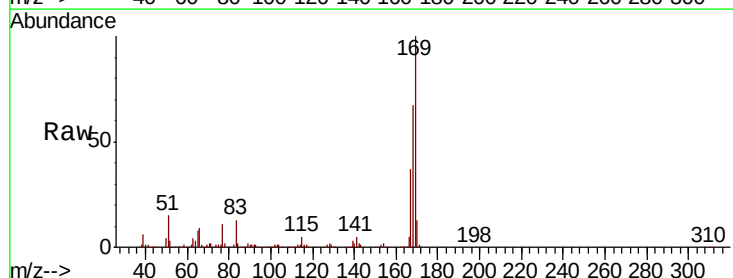
Instrument :
 BNA_F
 ClientSampleId :
 239-WC-S-SB-01MSD

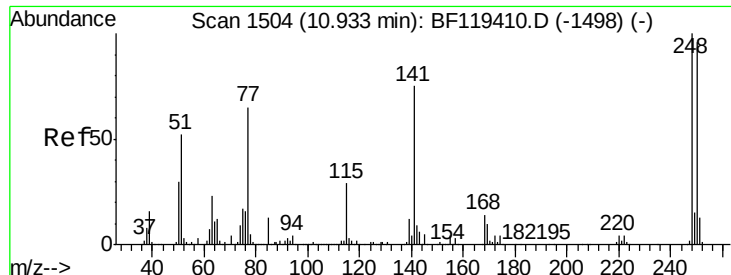
Tot Ion:198 Resp: 304819
 Ion Ratio Lower Upper
 198 100
 51 54.6 29.0 69.0
 105 44.1 22.2 62.2



#66
 n-Nitrosodiphenylamine
 Concen: 56.745 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. -0.01 min
 Lab File: BF119725.D
 Acq: 3 Apr 2020 17:57

Tgt Ion:169 Resp: 1508482
 Ion Ratio Lower Upper
 169 100
 168 66.8 53.2 79.8
 167 36.9 29.1 43.7

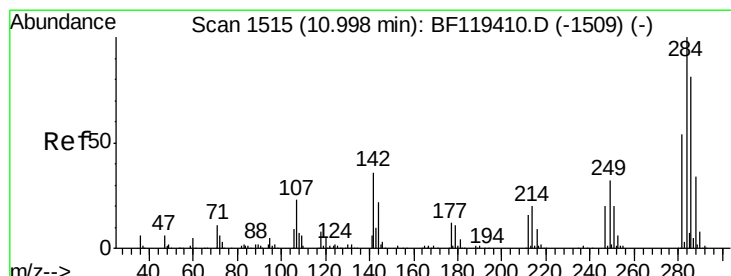
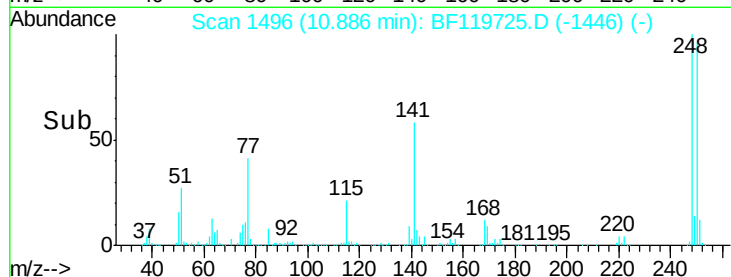
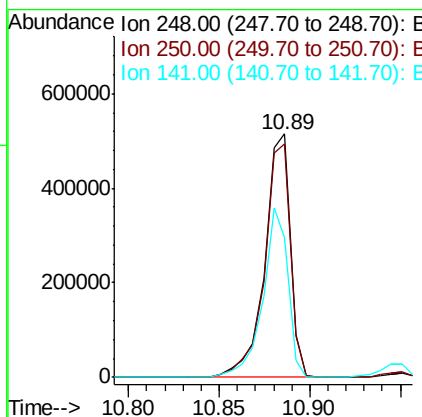
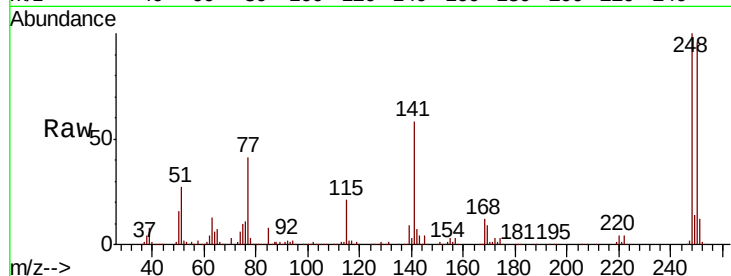




#67
 4-Bromophenyl-phenylether
 Concen: 55.161 ng
 RT: 10.89 min Scan# 1496
 Delta R.T. -0.01 min
 Lab File: BF119725.D
 Acq: 3 Apr 2020 17:57

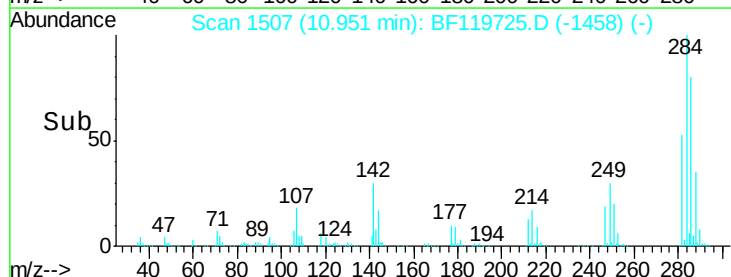
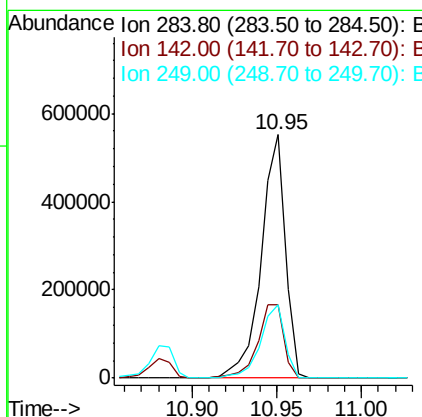
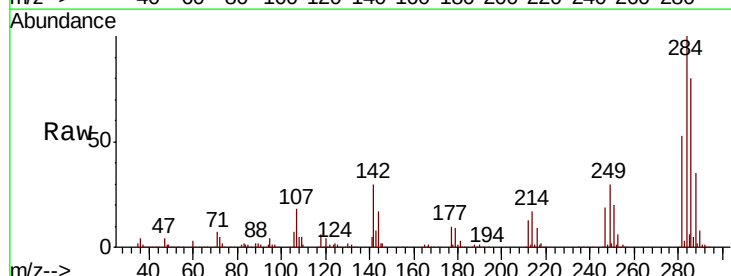
Instrument :
 BNA_F
 ClientSampleId :
 239-WC-S-SB-01MSD

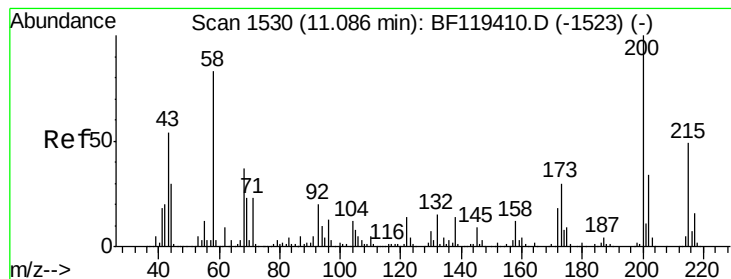
Tot Ion:248 Resp: 508706
 Ion Ratio Lower Upper
 248 100
 250 96.0 77.3 115.9
 141 57.7 58.6 87.8#



#68
 Hexachlorobenzene
 Concen: 57.948 ng
 RT: 10.95 min Scan# 1507
 Delta R.T. -0.01 min
 Lab File: BF119725.D
 Acq: 3 Apr 2020 17:57

Tgt Ion:284 Resp: 546957
 Ion Ratio Lower Upper
 284 100
 142 30.0 29.2 43.8
 249 30.2 25.1 37.7





#69

Atrazine

Concen: 57.973 ng

RT: 11.04 min Scan# 1523

Delta R.T. -0.01 min

Lab File: BF119725.D

Acq: 3 Apr 2020 17:57

Instrument :

BNA_F

ClientSampleId :

239-WC-S-SB-01MSD

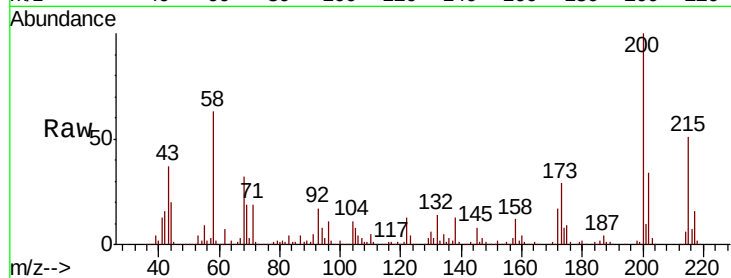
Tot Ion:200 Resp: 422498

Ion Ratio Lower Upper

200 100

173 29.2 9.3 49.3

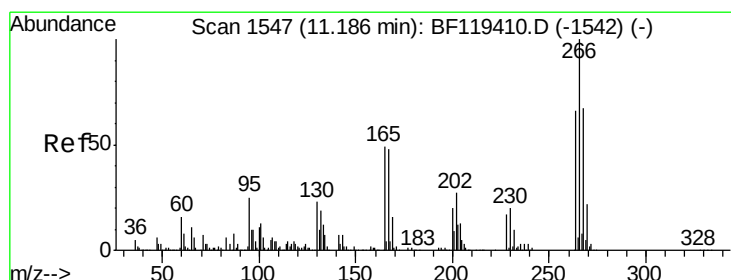
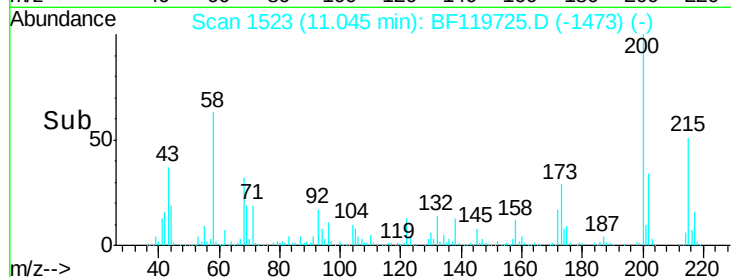
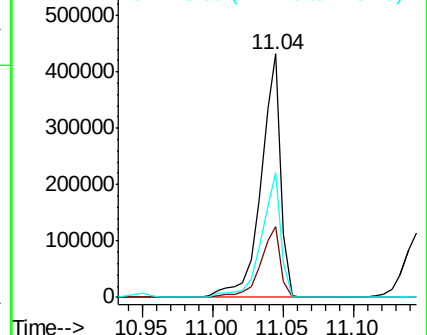
215 50.9 29.5 69.5



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: 114.530 ng

RT: 11.14 min Scan# 1540

Delta R.T. -0.01 min

Lab File: BF119725.D

Acq: 3 Apr 2020 17:57

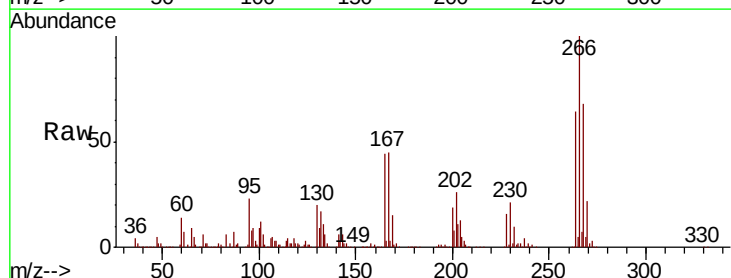
Tgt Ion:266 Resp: 633858

Ion Ratio Lower Upper

266 100

268 67.9 53.3 79.9

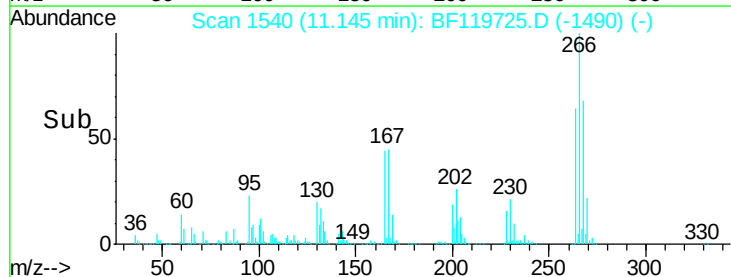
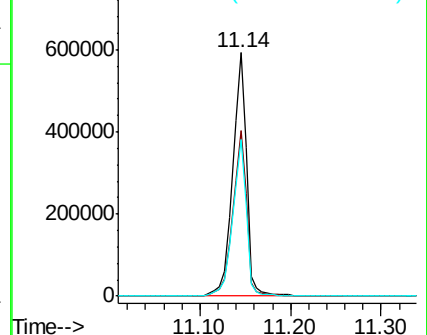
264 64.1 49.0 73.4

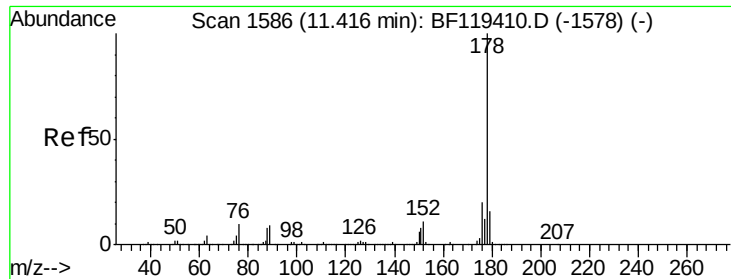


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

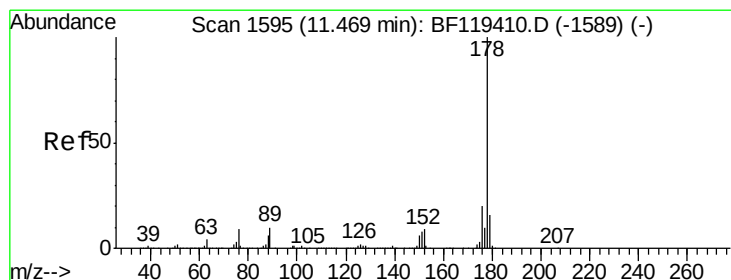
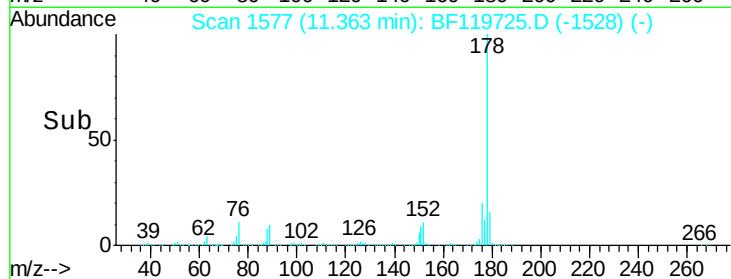
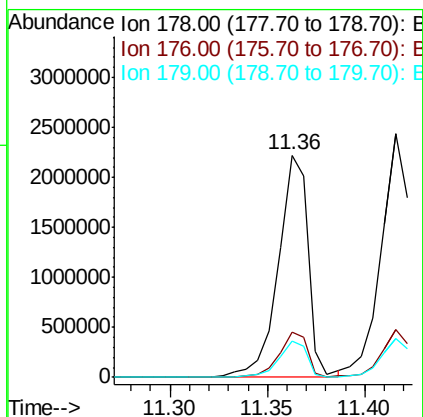
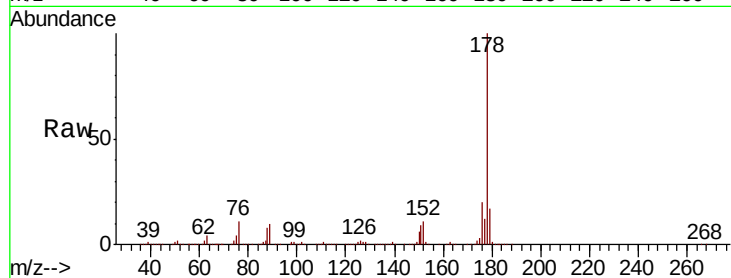




#71
Phenanthrene
Concen: 56.265 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF119725.D
Acq: 3 Apr 2020 17:57

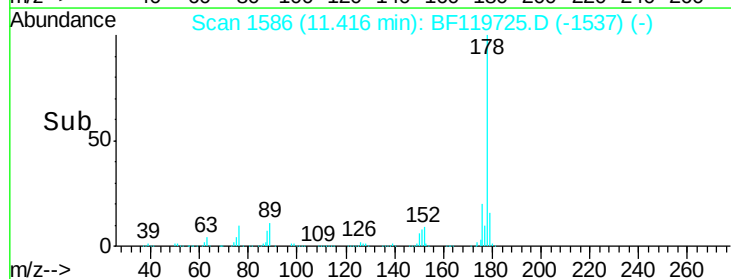
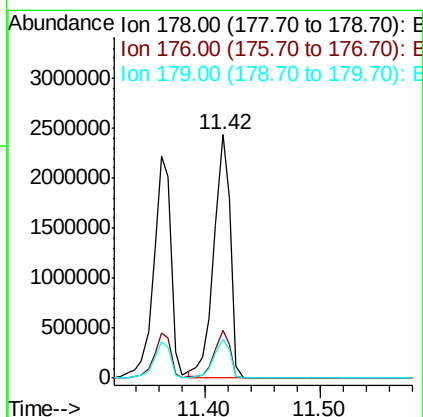
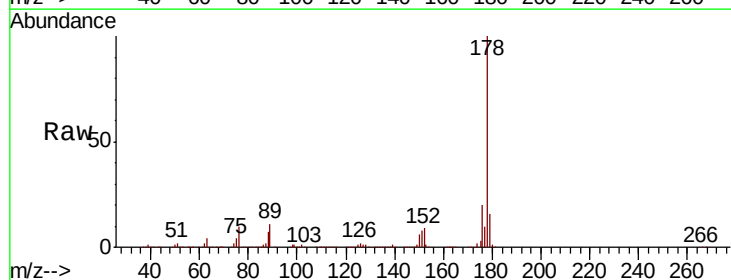
Instrument :
BNA_F
ClientSampleId :
239-WC-S-SB-01MSD

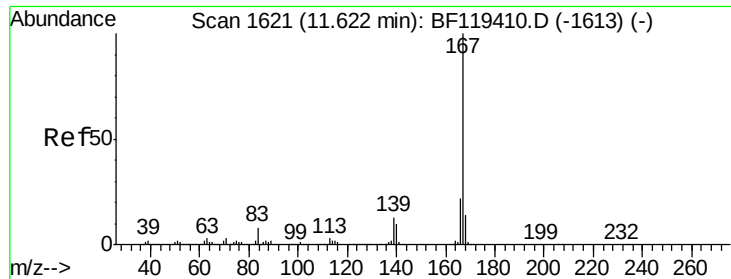
Tot Ion:178 Resp: 2362482
Ion Ratio Lower Upper
178 100
176 20.1 16.2 24.4
179 16.5 13.2 19.8



#72
Anthracene
Concen: 56.300 ng
RT: 11.42 min Scan# 1586
Delta R.T. -0.01 min
Lab File: BF119725.D
Acq: 3 Apr 2020 17:57

Tgt Ion:178 Resp: 2402556
Ion Ratio Lower Upper
178 100
176 19.6 16.1 24.1
179 16.1 13.0 19.4

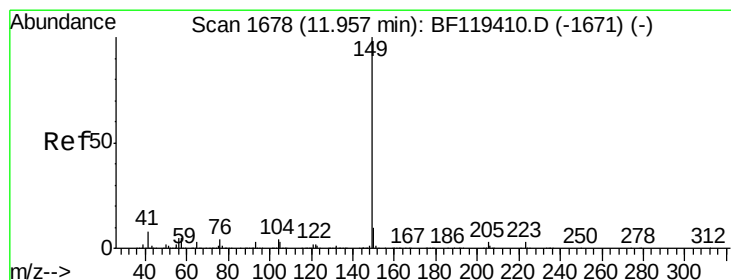
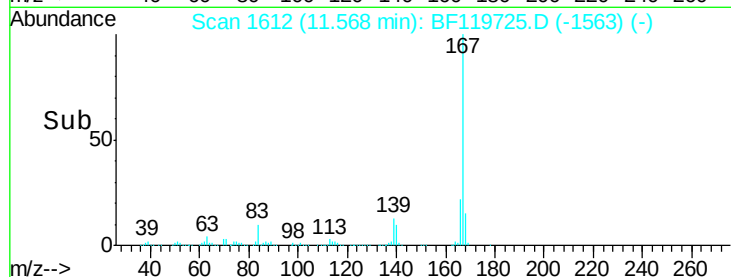
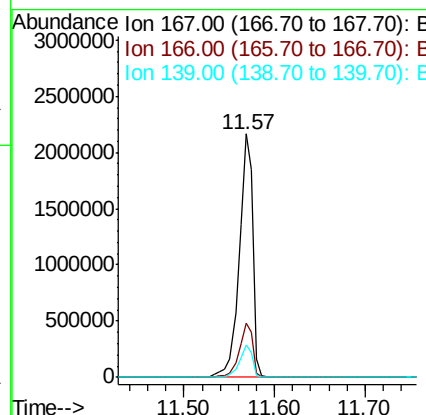
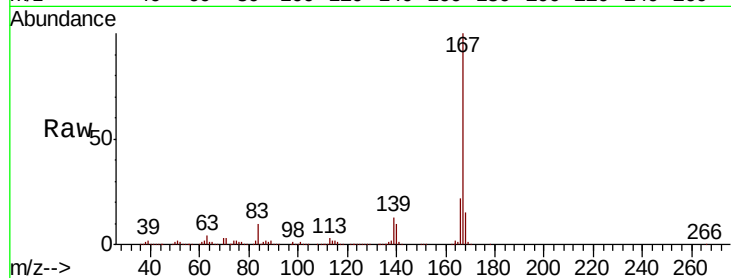




#73
 Carbazole
 Concen: 54.073 ng
 RT: 11.57 min Scan# 1612
 Delta R.T. -0.01 min
 Lab File: BF119725.D
 Acq: 3 Apr 2020 17:57

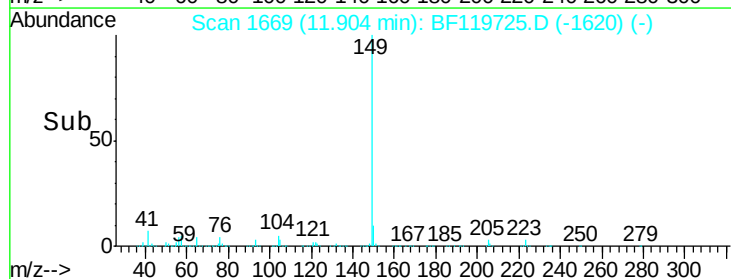
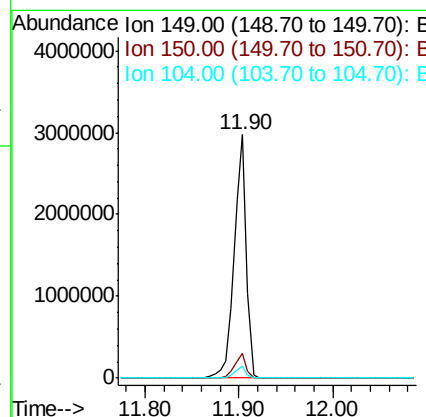
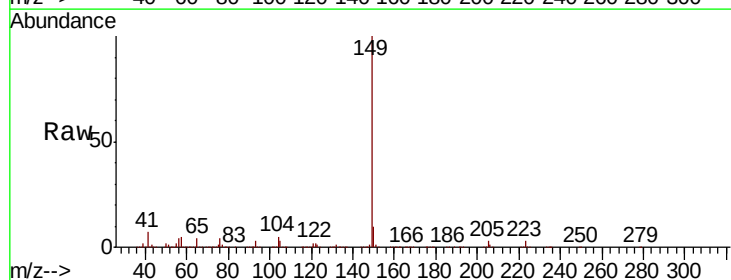
Instrument :
 BNA_F
 ClientSampleId :
 239-WC-S-SB-01MSD

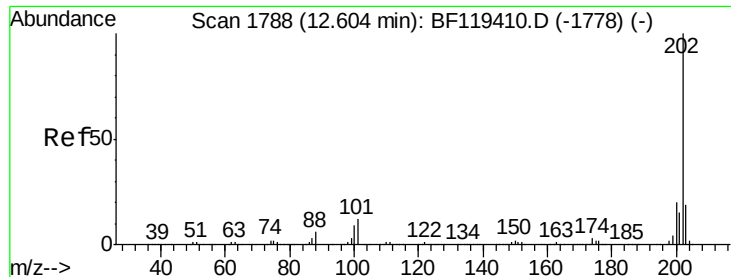
Tot Ion:167 Resp: 2283999
 Ion Ratio Lower Upper
 167 100
 166 22.4 18.2 27.4
 139 13.4 10.7 16.1



#74
 Di-n-butylphthalate
 Concen: 58.450 ng
 RT: 11.90 min Scan# 1669
 Delta R.T. -0.01 min
 Lab File: BF119725.D
 Acq: 3 Apr 2020 17:57

Tgt Ion:149 Resp: 2641057
 Ion Ratio Lower Upper
 149 100
 150 9.9 7.8 11.8
 104 4.7 3.6 5.4





#75

Fluoranthene

Concen: 56.496 ng

RT: 12.55 min Scan# 1779

Delta R.T. -0.01 min

Lab File: BF119725.D

Acq: 3 Apr 2020 17:57

Instrument :

BNA_F

ClientSampleId :

239-WC-S-SB-01MSD

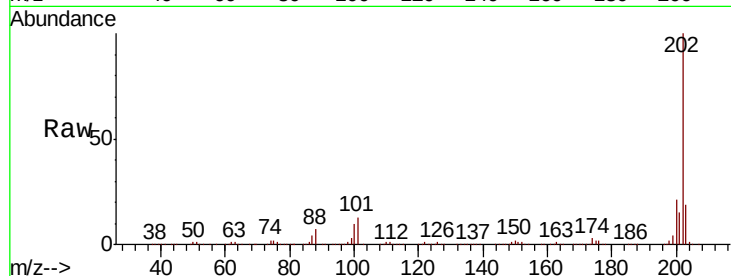
Tot Ion:202 Resp: 2567254

Ion Ratio Lower Upper

202 100

101 13.2 0.0 32.2

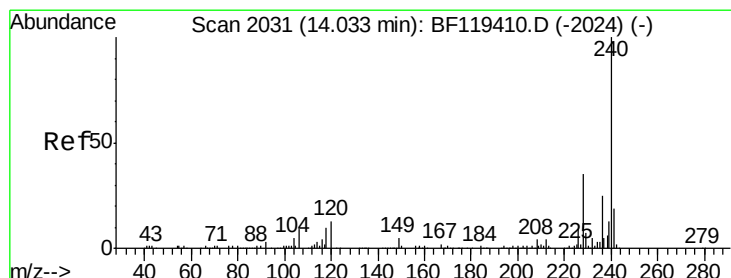
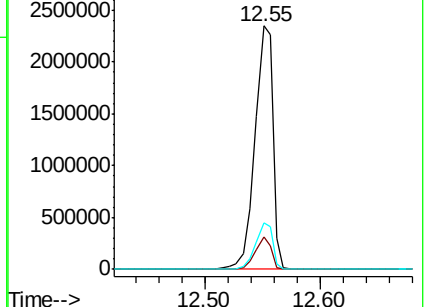
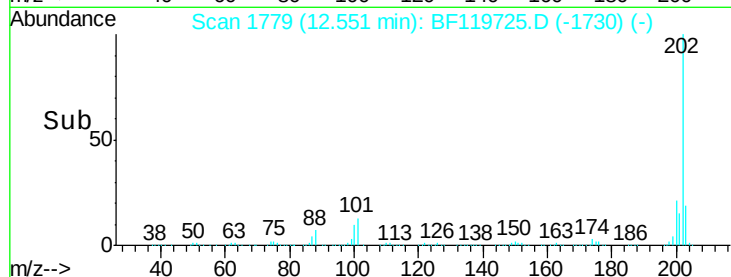
203 18.9 0.0 38.8



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.98 min Scan# 2022

Delta R.T. -0.02 min

Lab File: BF119725.D

Acq: 3 Apr 2020 17:57

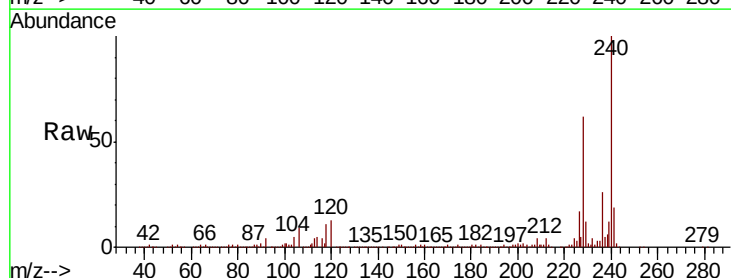
Tgt Ion:240 Resp: 577047

Ion Ratio Lower Upper

240 100

120 12.9 10.6 15.8

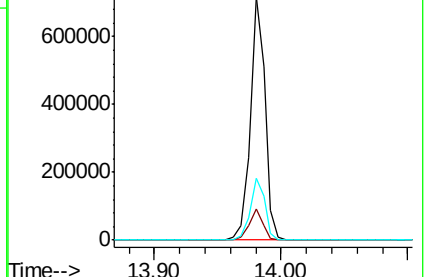
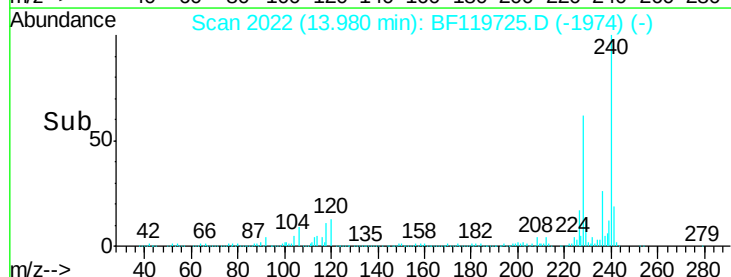
236 25.5 20.2 30.2

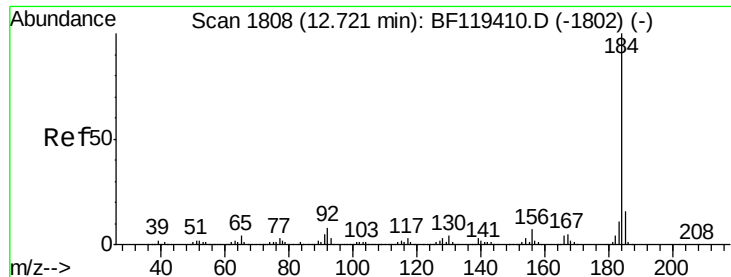


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 8.819 ng

RT: 12.67 min Scan# 1799

Delta R.T. -0.02 min

Lab File: BF119725.D

Acq: 3 Apr 2020 17:57

Instrument :

BNA_F

ClientSampleId :

239-WC-S-SB-01MSD

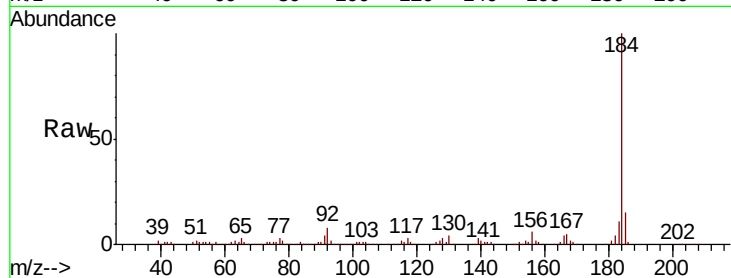
Tot Ion:184 Resp: 215375

Ion Ratio Lower Upper

184 100

185 15.4 12.3 18.5

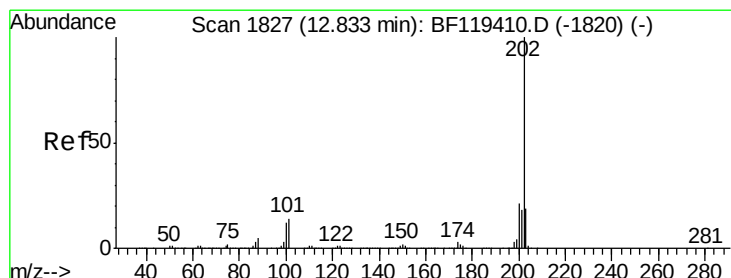
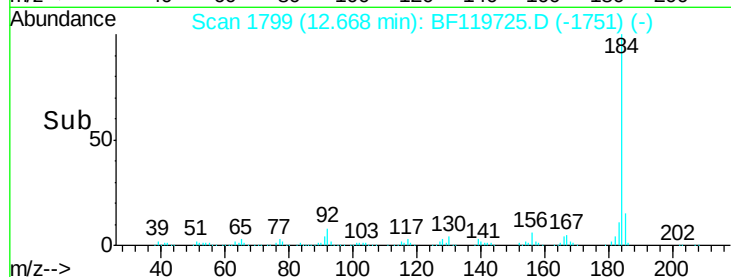
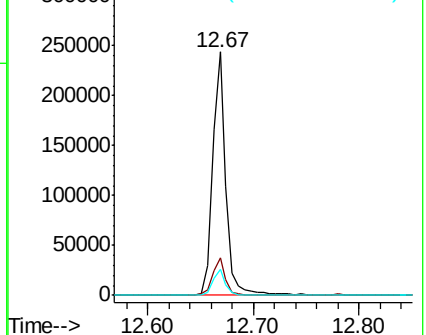
183 10.8 9.0 13.6



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: 54.390 ng

RT: 12.78 min Scan# 1818

Delta R.T. -0.01 min

Lab File: BF119725.D

Acq: 3 Apr 2020 17:57

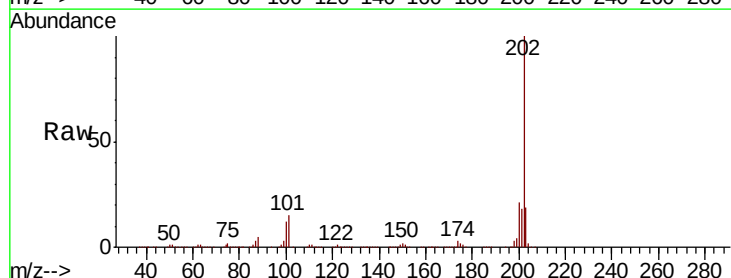
Tgt Ion:202 Resp: 2575773

Ion Ratio Lower Upper

202 100

200 20.8 16.8 25.2

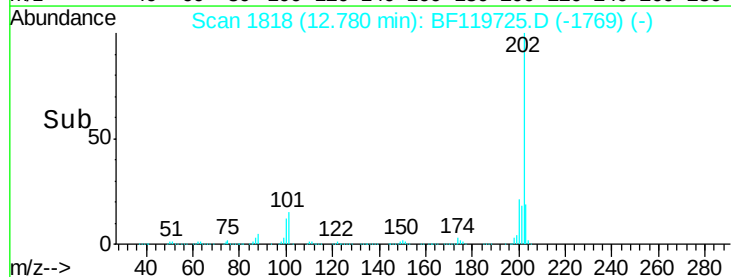
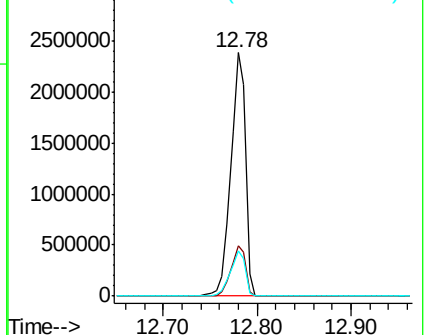
203 18.6 15.1 22.7

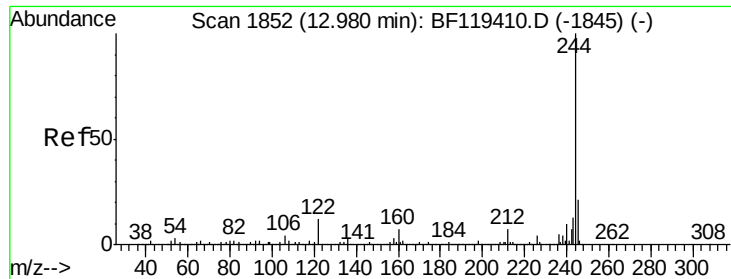


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 114.129 ng

RT: 12.93 min Scan# 1843

Delta R.T. -0.01 min

Lab File: BF119725.D

Acq: 3 Apr 2020 17:57

Instrument :

BNA_F

ClientSampleId :

239-WC-S-SB-01MSD

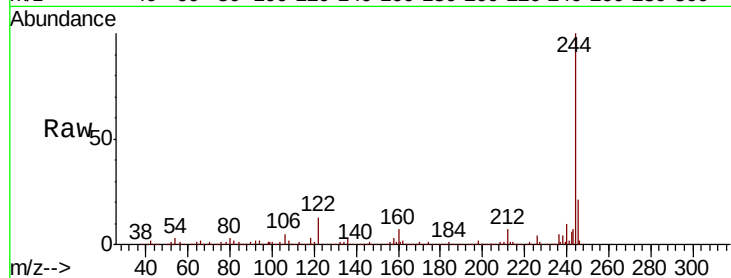
Tot Ion:244 Resp: 3361446

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.8

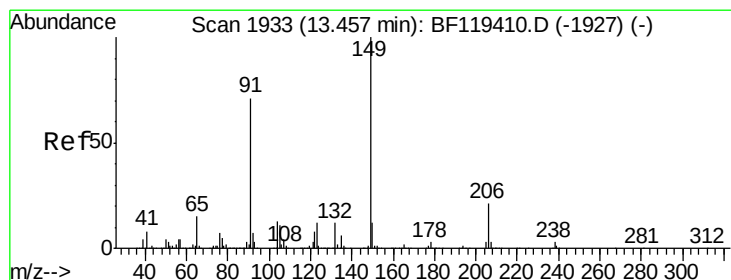
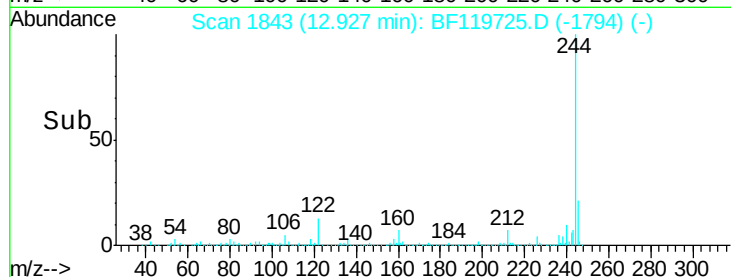
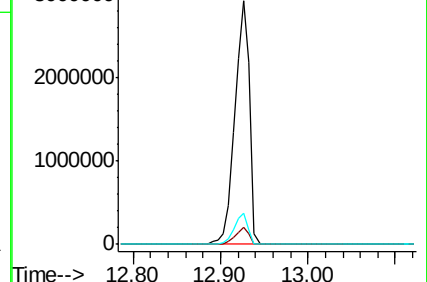
122 13.0 10.3 15.5



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 59.067 ng

RT: 13.40 min Scan# 1924

Delta R.T. -0.01 min

Lab File: BF119725.D

Acq: 3 Apr 2020 17:57

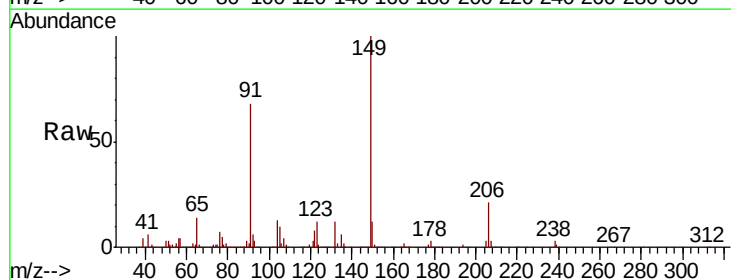
Tgt Ion:149 Resp: 1131381

Ion Ratio Lower Upper

149 100

91 68.1 54.7 82.1

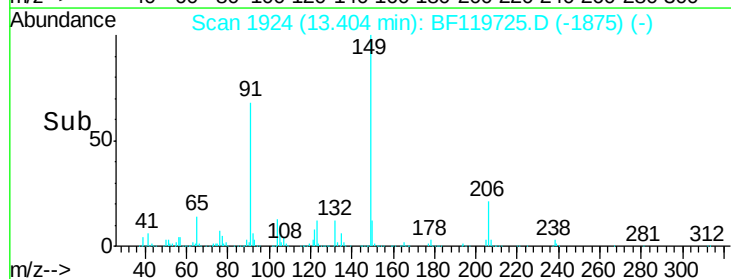
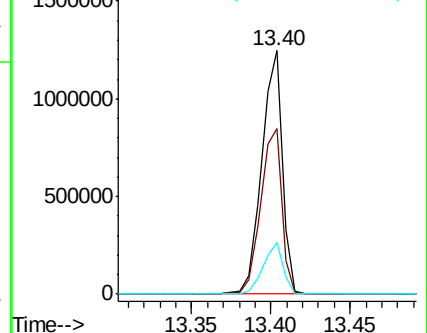
206 21.3 16.2 24.2

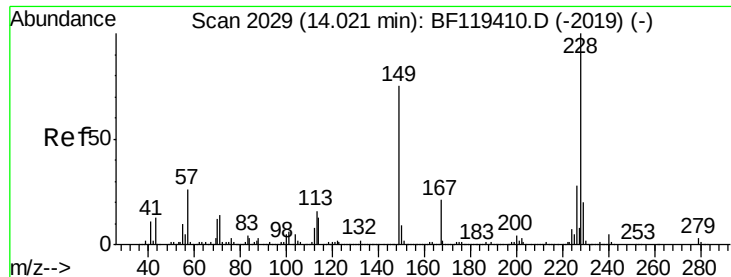


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

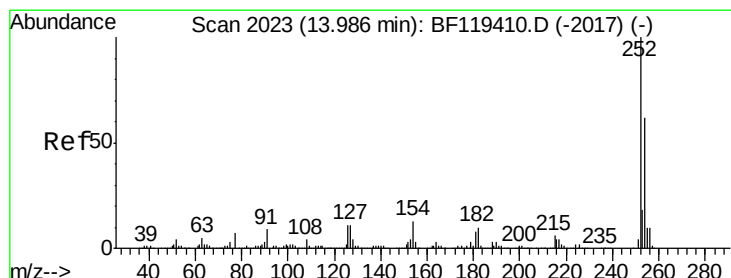
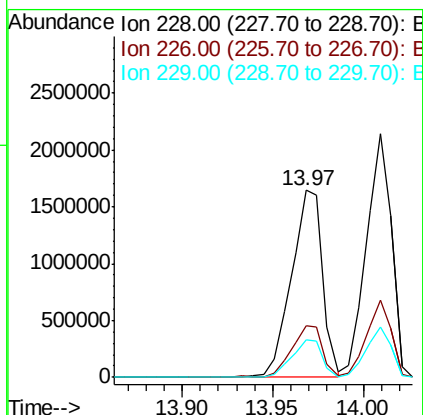
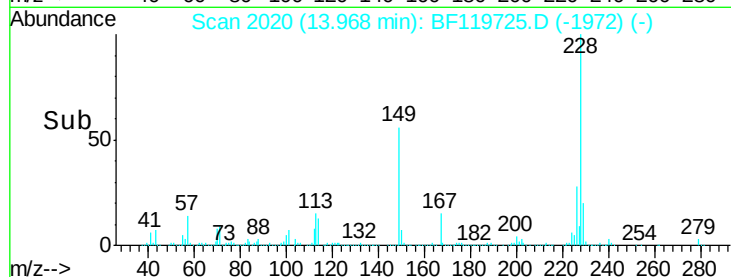
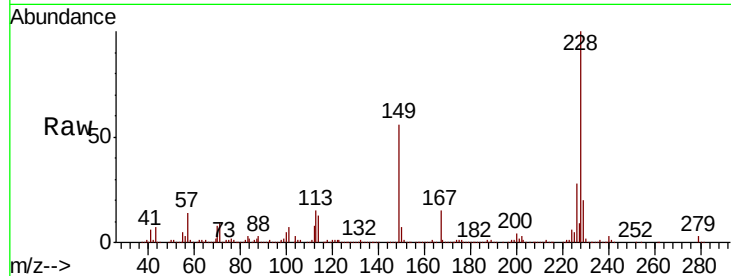




#81
Benzo(a)anthracene
Concen: 52.929 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.02 min
Lab File: BF119725.D
Acq: 3 Apr 2020 17:57

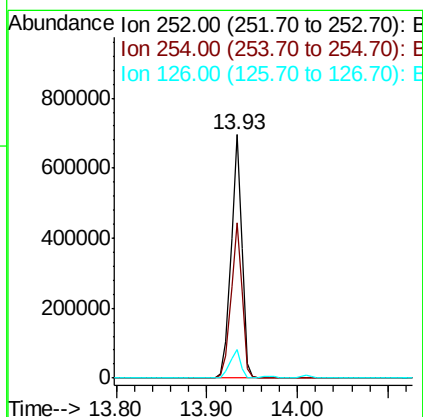
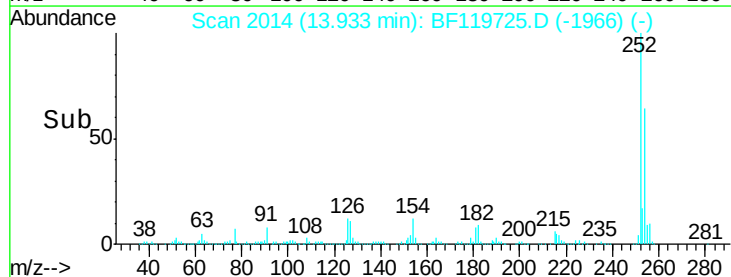
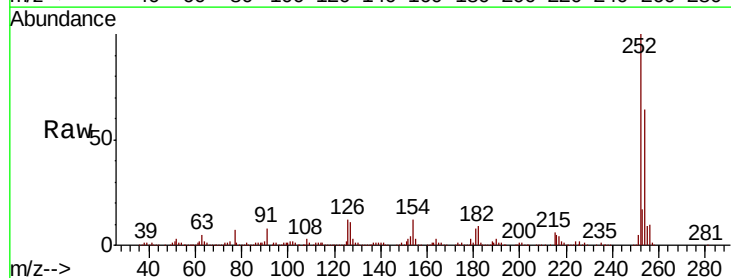
Instrument :
BNA_F
ClientSampleId :
239-WC-S-SB-01MSD

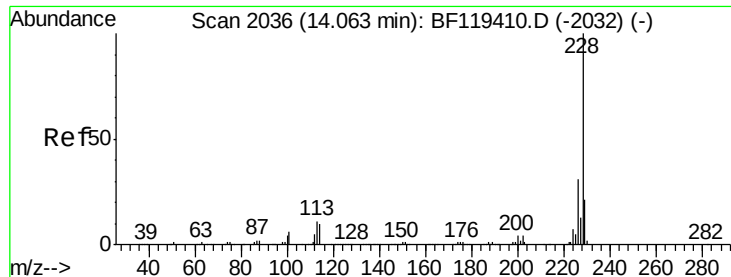
Tot Ion:228 Resp: 1986115
Ion Ratio Lower Upper
228 100
226 27.9 21.8 32.8
229 20.2 16.2 24.4



#82
3,3'-Dichlorobenzidine
Concen: 39.272 ng
RT: 13.93 min Scan# 2014
Delta R.T. -0.02 min
Lab File: BF119725.D
Acq: 3 Apr 2020 17:57

Tgt Ion:252 Resp: 581049
Ion Ratio Lower Upper
252 100
254 63.6 51.2 76.8
126 11.5 9.6 14.4





#83

Chrysene

Concen: 53.581 ng

RT: 14.01 min Scan# 2027

Delta R.T. -0.01 min

Lab File: BF119725.D

Acq: 3 Apr 2020 17:57

Instrument :

BNA_F

ClientSampleId :

239-WC-S-SB-01MSD

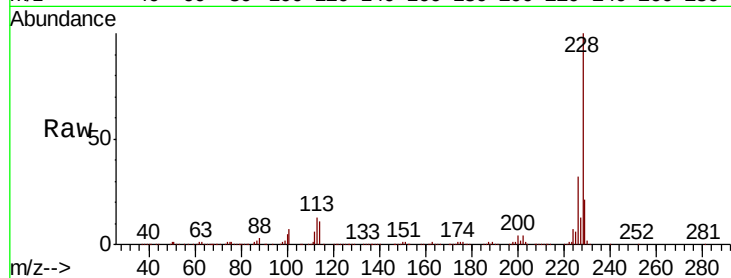
Tot Ion:228 Resp: 2075000

Ion Ratio Lower Upper

228 100

226 31.8 25.4 38.0

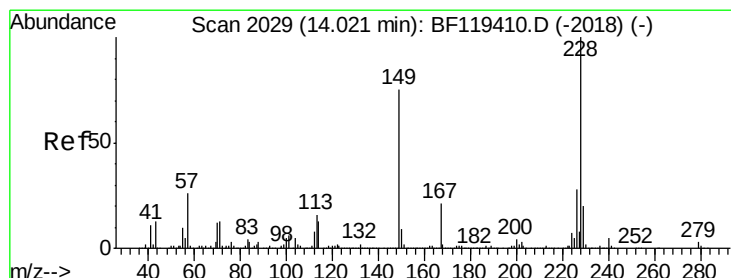
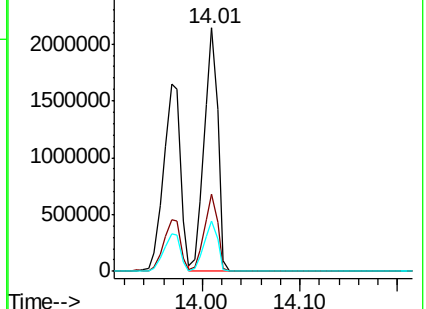
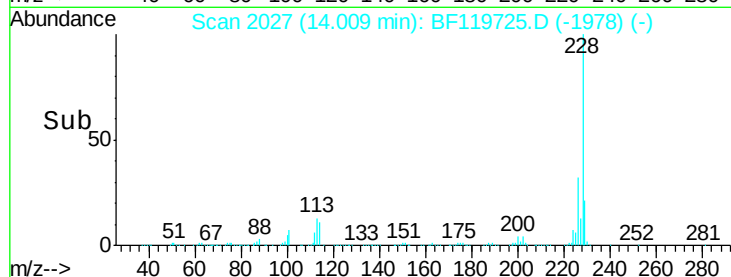
229 20.9 16.6 24.8



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: 62.105 ng

RT: 13.96 min Scan# 2019

Delta R.T. -0.01 min

Lab File: BF119725.D

Acq: 3 Apr 2020 17:57

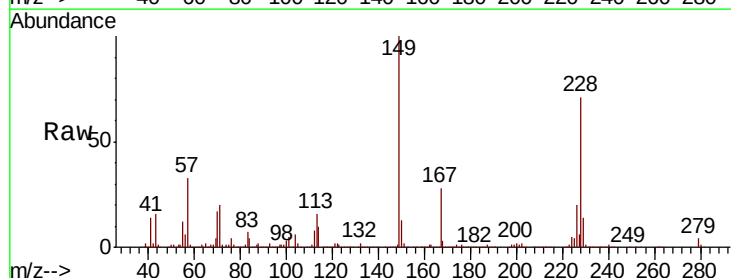
Tgt Ion:149 Resp: 1418051

Ion Ratio Lower Upper

149 100

167 27.8 21.3 31.9

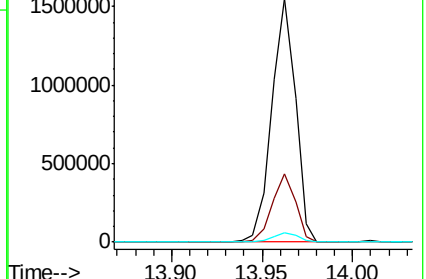
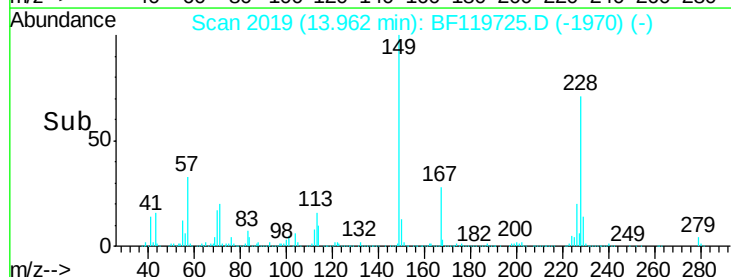
279 3.9 2.7 4.1

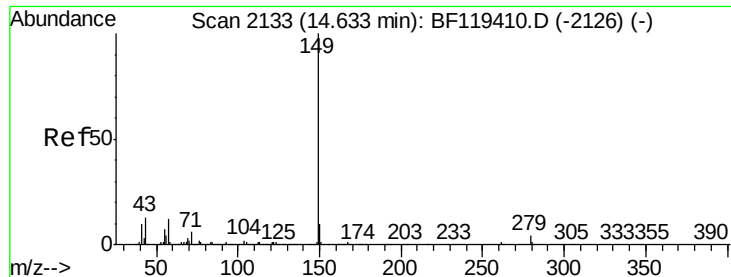


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

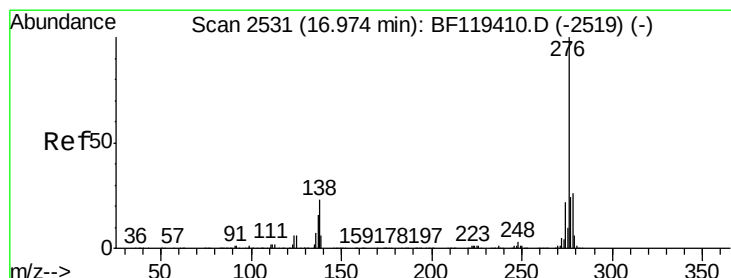
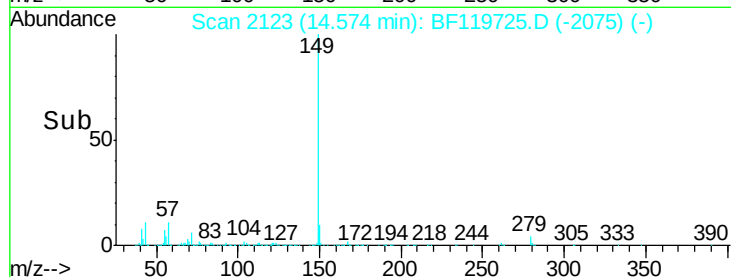
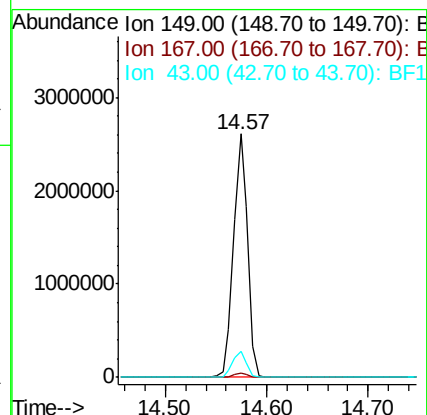
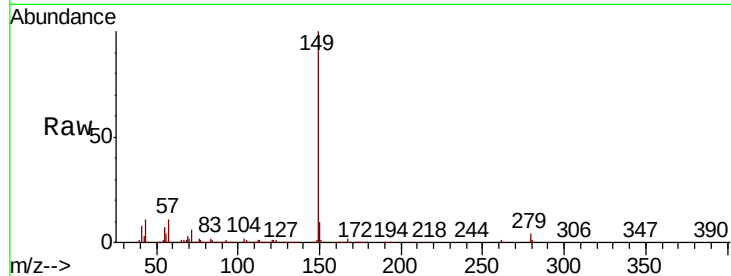




#85
Di-n-octyl phthalate
Concen: 62.572 ng
RT: 14.57 min Scan# 2123
Delta R.T. -0.02 min
Lab File: BF119725.D
Acq: 3 Apr 2020 17:57

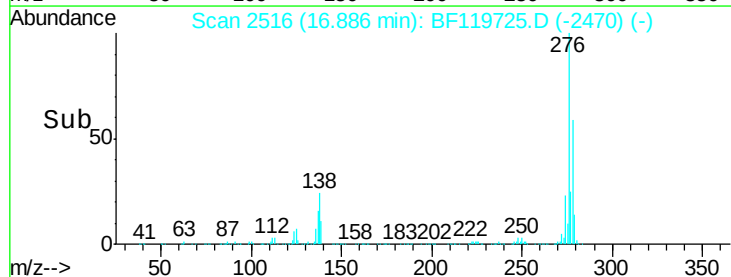
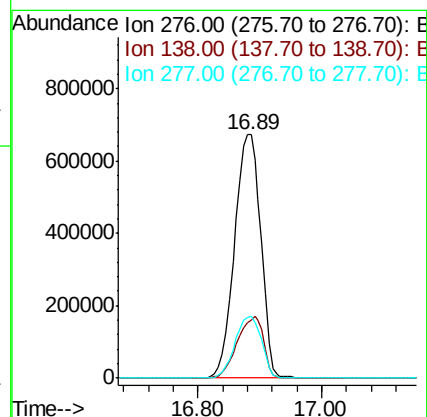
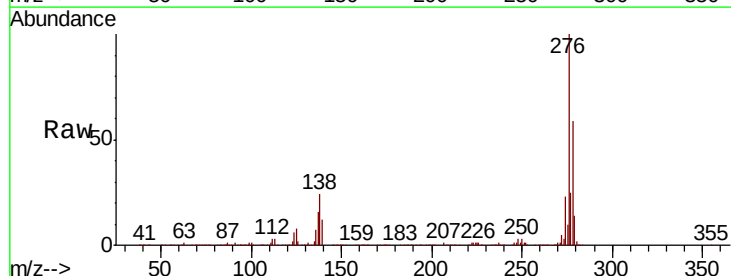
Instrument :
BNA_F
ClientSampleId :
239-WC-S-SB-01MSD

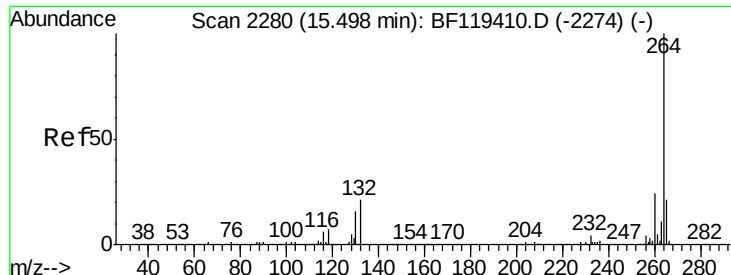
Tot Ion:149 Resp: 2512712
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 10.8 9.3 13.9



#86
Indeno(1,2,3-cd)pyrene
Concen: 54.474 ng
RT: 16.89 min Scan# 2516
Delta R.T. -0.03 min
Lab File: BF119725.D
Acq: 3 Apr 2020 17:57

Tgt Ion:276 Resp: 1986826
Ion Ratio Lower Upper
276 100
138 25.4 19.6 29.4
277 25.6 20.0 30.0

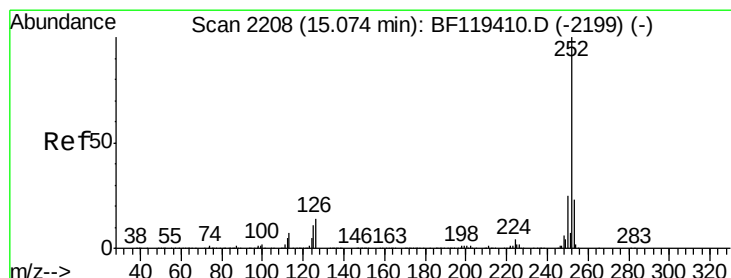
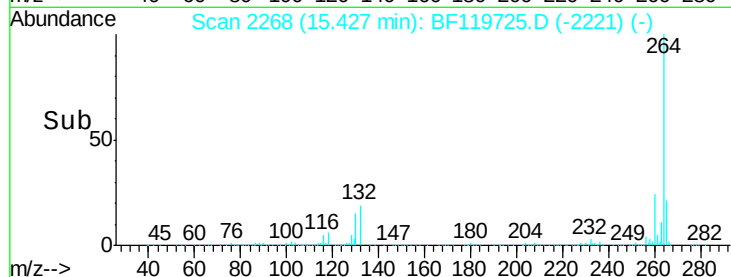
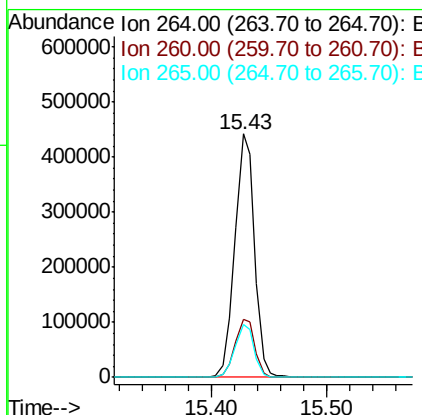
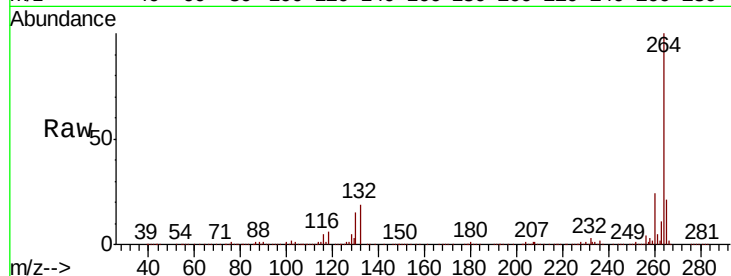




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2268
Delta R.T. -0.02 min
Lab File: BF119725.D
Acq: 3 Apr 2020 17:57

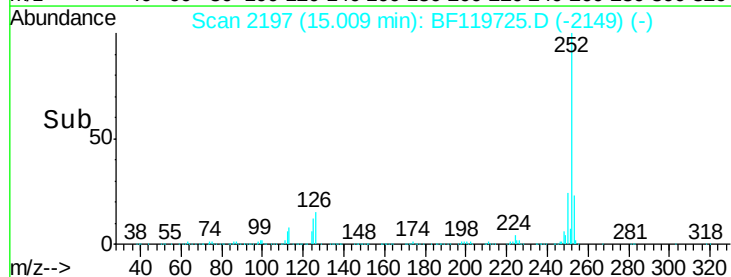
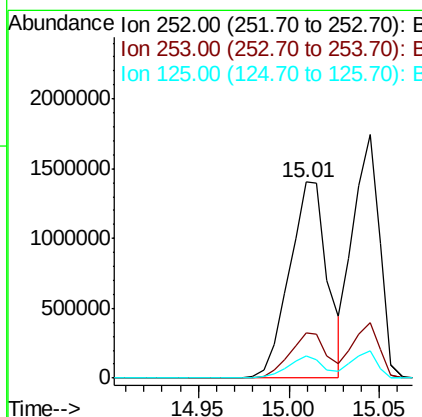
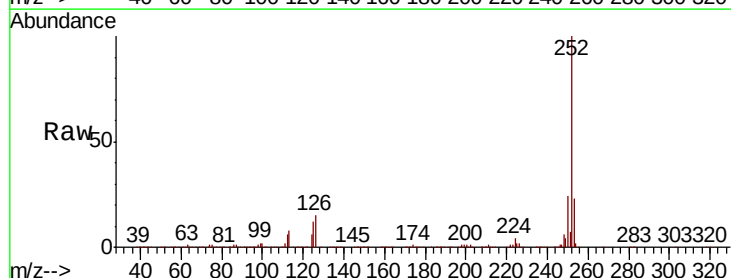
Instrument :
BNA_F
ClientSampleId :
239-WC-S-SB-01MSD

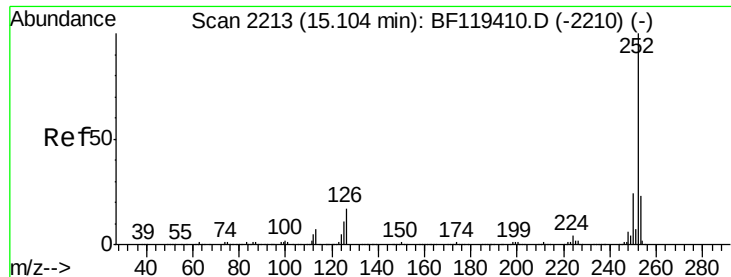
Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.7	28.1
265	21.5	17.7	26.5



#88
Benzo(b)fluoranthene
Concen: 59.643 ng
RT: 15.01 min Scan# 2197
Delta R.T. -0.02 min
Lab File: BF119725.D
Acq: 3 Apr 2020 17:57

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.4	26.0
125	11.6	7.9	11.9

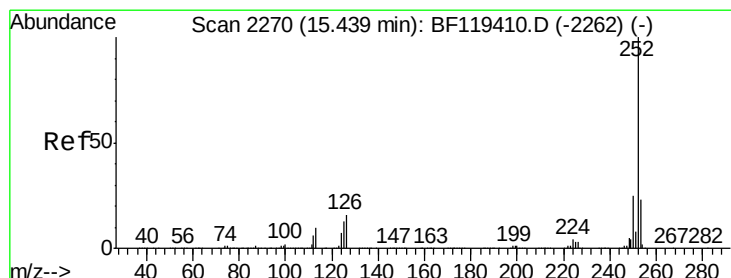
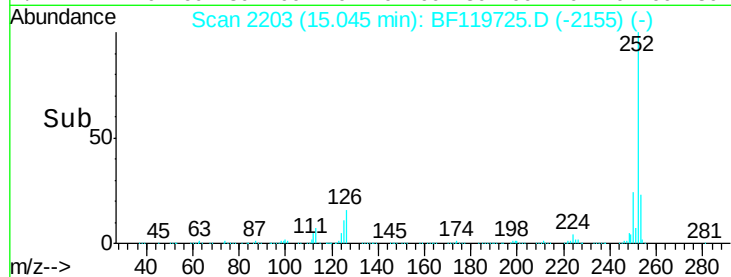
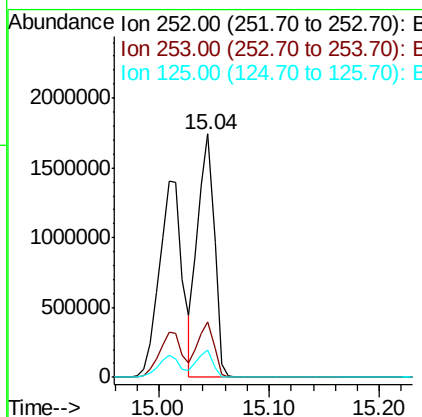
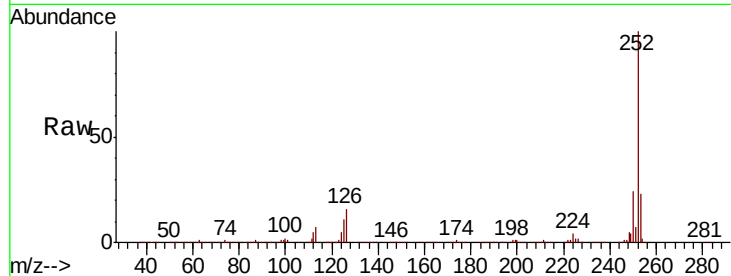




#89
Benzo(k)fluoranthene
Concen: 54.303 ng
RT: 15.04 min Scan# 2203
Delta R.T. -0.02 min
Lab File: BF119725.D
Acq: 3 Apr 2020 17:57

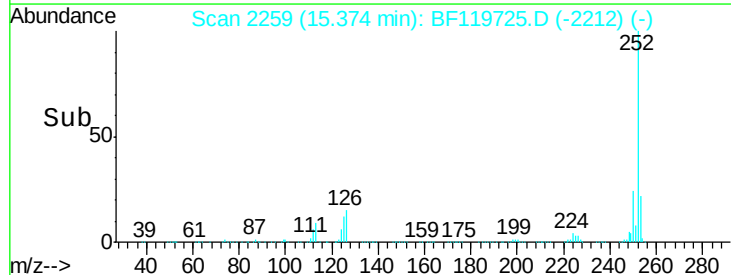
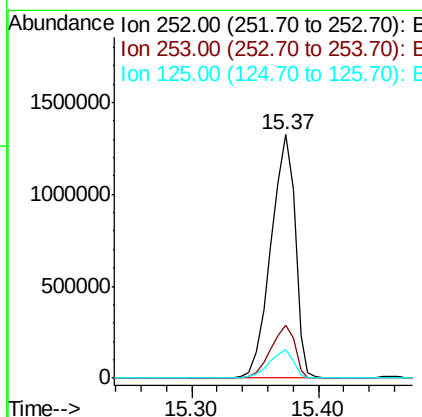
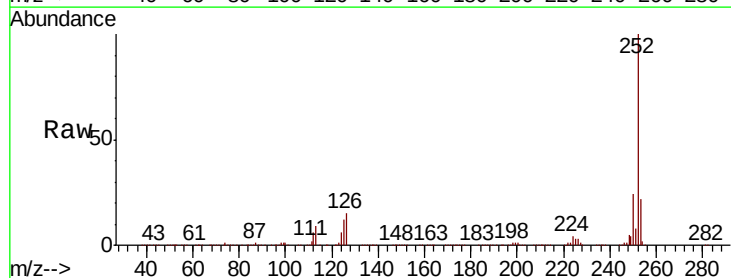
Instrument :
BNA_F
ClientSampleId :
239-WC-S-SB-01MSD

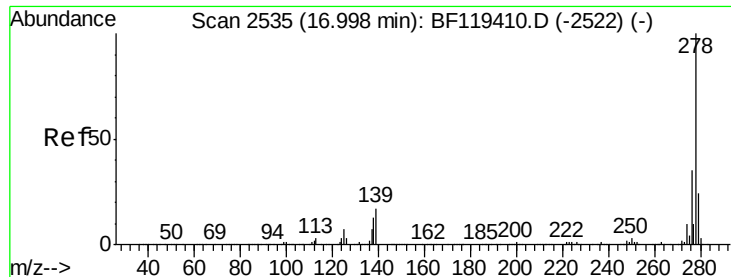
Tot Ion:252 Resp: 1797090
Ion Ratio Lower Upper
252 100
253 22.7 17.8 26.6
125 11.3 8.4 12.6



#90
Benzo(a)pyrene
Concen: 55.491 ng
RT: 15.37 min Scan# 2259
Delta R.T. -0.02 min
Lab File: BF119725.D
Acq: 3 Apr 2020 17:57

Tgt Ion:252 Resp: 1752673
Ion Ratio Lower Upper
252 100
253 21.9 18.2 27.2
125 11.7 9.4 14.2



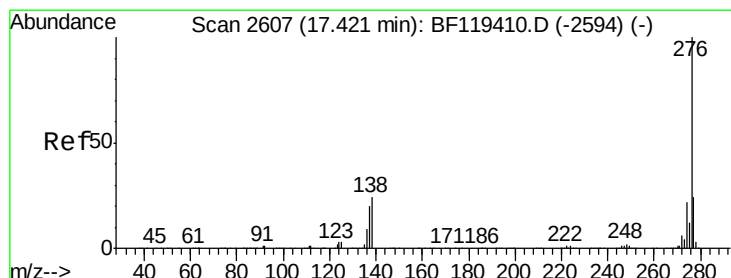
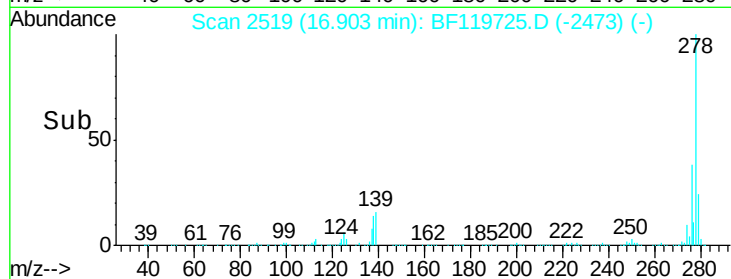
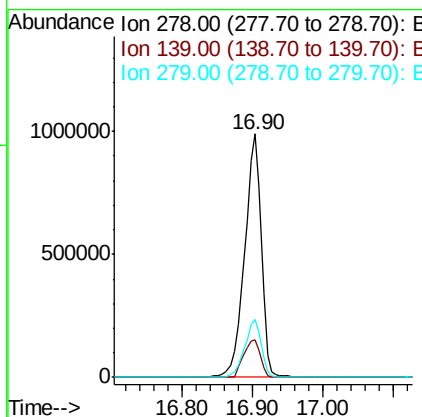
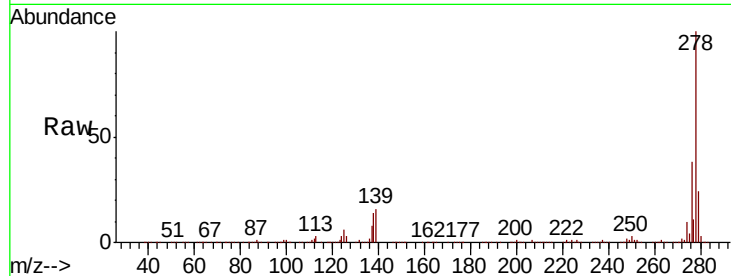


#91
Dibenzo(a,h)anthracene
Concen: 58.895 ng
RT: 16.90 min Scan# 2519
Delta R.T. -0.03 min
Lab File: BF119725.D
Acq: 3 Apr 2020 17:57

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

Tot Ion:278 Resp: 1627048

Ion	Ratio	Lower	Upper
278	100		
139	15.6	12.6	19.0
279	23.9	19.0	28.6



#92
Benzo(g,h,i)perylene
Concen: 60.331 ng
RT: 17.33 min Scan# 2591
Delta R.T. -0.03 min
Lab File: BF119725.D
Acq: 3 Apr 2020 17:57

Tgt Ion:276 Resp: 1674438

Ion	Ratio	Lower	Upper
276	100		
277	22.9	18.4	27.6
138	20.2	15.4	23.0

