

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030220\
 Data File : BF119164.D
 Acq On : 2 Mar 2020 9:41
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 03 07:17:23 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 26 16:03:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	181587	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	691706	20.00	ng	-0.01
39) Acenaphthene-d10	9.77	164	402623	20.00	ng	-0.01
64) Phenanthrene-d10	11.26	188	758371	20.00	ng	0.00
76) Chrysene-d12	13.90	240	558508	20.00	ng	0.00
87) Perylene-d12	15.32	264	498703	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	833382	76.70	ng	0.00
7) Phenol-d6	6.39	99	1040673	78.75	ng	-0.01
23) Nitrobenzene-d5	7.31	82	1026022	78.32	ng	-0.01
42) 2,4,6-Tribromophenol	10.57	330	423085	80.33	ng	0.00
45) 2-Fluorobiphenyl	9.10	172	2029243	74.25	ng	-0.01
79) Terphenyl-d14	12.84	244	2584243	79.66	ng	-0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.42	88	164826	34.070	ng	99
3) Pyridine	3.15	79	473834	35.863	ng	100
4) n-Nitrosodimethylamine	3.10	42	157106	39.253	ng	100
6) Aniline	6.40	93	632935	38.816	ng	93
8) 2-Chlorophenol	6.53	128	463262	39.506	ng	97
9) Benzaldehyde	6.29	77	298371	33.794	ng	99
10) Phenol	6.40	94	548672	38.402	ng	92
11) bis(2-Chloroethyl)ether	6.48	93	440884	40.329	ng	99
12) 1,3-Dichlorobenzene	6.68	146	544717	38.757	ng	98
13) 1,4-Dichlorobenzene	6.76	146	553276	39.339	ng	99
14) 1,2-Dichlorobenzene	6.91	146	507866	39.594	ng	100
15) Benzyl Alcohol	6.89	79	403127	42.209	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.02	45	383664	40.514	ng	73
17) 2-Methylphenol	7.01	107	379245	39.890	ng	97
18) Hexachloroethane	7.25	117	203990	40.541	ng	98
19) n-Nitroso-di-n-propylamine	7.16	70	334143	43.394	ng	99
20) 3+4-Methylphenols	7.16	107	473627	40.663	ng	92
22) Acetophenone	7.16	105	645864	40.356	ng	# 98
24) Nitrobenzene	7.33	77	510256	39.387	ng	97
25) Isophorone	7.57	82	924836	40.649	ng	100
26) 2-Nitrophenol	7.64	139	271158	39.503	ng	97
27) 2,4-Dimethylphenol	7.69	122	360168	38.661	ng	98
28) bis(2-Chloroethoxy)methane	7.77	93	592135	39.985	ng	100
29) 2,4-Dichlorophenol	7.89	162	429904	39.199	ng	98
30) 1,2,4-Trichlorobenzene	7.96	180	494708	38.045	ng	99
31) Naphthalene	8.05	128	1386800	38.659	ng	99
32) Benzoic acid	7.85	122	276156	41.652	ng	99
33) 4-Chloroaniline	8.10	127	604426	39.174	ng	98
34) Hexachlorobutadiene	8.16	225	317539	39.204	ng	99
35) Caprolactam	8.49	113	115422	34.180	ng	98
36) 4-Chloro-3-methylphenol	8.59	107	451639	40.691	ng	98
37) 2-Methylnaphthalene	8.73	142	954246	39.527	ng	99
38) 1-Methylnaphthalene	8.83	142	907862	39.987	ng	97
40) 1,2,4,5-Tetrachlorobenzene	8.90	216	512443	37.750	ng	99

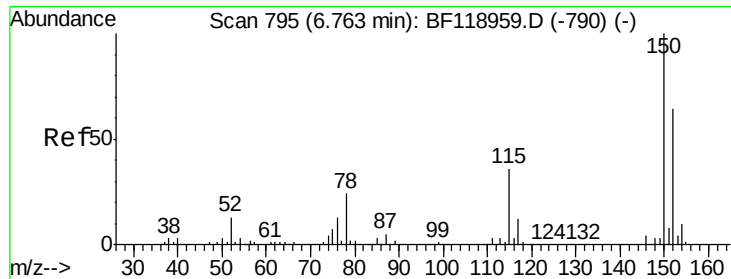
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030220\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.89	237	121051	31.016	ng	100
43) 2,4,6-Trichlorophenol	9.02	196	326699	38.111	ng	99
44) 2,4,5-Trichlorophenol	9.07	196	335177	37.261	ng	99
46) 1,1'-Biphenyl	9.20	154	1240942	38.136	ng	100
47) 2-Chloronaphthalene	9.22	162	997095	38.024	ng	99
48) 2-Nitroaniline	9.33	65	297871	40.727	ng	95
49) Acenaphthylene	9.64	152	1430941	37.783	ng	99
50) Dimethylphthalate	9.50	163	1242070	40.343	ng	99
51) 2,6-Dinitrotoluene	9.57	165	268146	39.202	ng	90
52) Acenaphthene	9.81	154	880300	38.547	ng	100
53) 3-Nitroaniline	9.74	138	292674	38.595	ng	95
54) 2,4-Dinitrophenol	9.86	184	117177	39.429	ng	96
55) Dibenzofuran	9.98	168	1281652	37.600	ng	100
56) 4-Nitrophenol	9.92	139	163502	35.886	ng	98
57) 2,4-Dinitrotoluene	9.97	165	337372	38.052	ng	94
58) Fluorene	10.32	166	1057569	39.928	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.10	232	298096	39.273	ng	98
60) Diethylphthalate	10.20	149	1212335	41.785	ng	100
61) 4-Chlorophenyl-phenylether	10.31	204	564971	40.298	ng	99
62) 4-Nitroaniline	10.36	138	304202	39.209	ng	96
63) Azobenzene	10.47	77	1027460	40.741	ng	98
65) 4,6-Dinitro-2-methylphenol	10.39	198	187089	40.769	ng	99
66) n-Nitrosodiphenylamine	10.43	169	965685	38.889	ng	99
67) 4-Bromophenyl-phenylether	10.80	248	386279	38.967	ng	97
68) Hexachlorobenzene	10.87	284	446328	39.052	ng	96
69) Atrazine	10.96	200	331687	38.230	ng	98
70) Pentachlorophenol	11.07	266	179251	38.935	ng	99
71) Phenanthrene	11.29	178	1565131	37.844	ng	99
72) Anthracene	11.33	178	1598602	38.685	ng	99
73) Carbazole	11.49	167	1422725	38.646	ng	99
74) Di-n-butylphthalate	11.82	149	1878755	42.141	ng	100
75) Fluoranthene	12.47	202	1714289	39.050	ng	99
77) Benzidine	12.59	184	654987	28.836	ng	99
78) Pyrene	12.70	202	1685282	37.578	ng	100
80) Butylbenzylphthalate	13.31	149	819233	43.403	ng	99
81) Benzo(a)anthracene	13.89	228	1491468	39.193	ng	99
82) 3,3'-Dichlorobenzidine	13.84	252	562239	38.049	ng	99
83) Chrysene	13.93	228	1442035	38.030	ng	99
84) Bis(2-ethylhexyl)phthalate	13.87	149	1126701	47.249	ng	99
85) Di-n-octyl phthalate	14.47	149	1750555	46.075	ng	100
86) Indeno(1,2,3-cd)pyrene	16.73	276	1139071	31.024	ng	99
88) Benzo(b)fluoranthene	14.92	252	1357700	41.303	ng	99
89) Benzo(k)fluoranthene	14.94	252	1255319	41.208	ng	99
90) Benzo(a)pyrene	15.26	252	1147275	38.671	ng	99
91) Dibenzo(a,h)anthracene	16.73	278	950265	36.403	ng	99
92) Benzo(g,h,i)perylene	17.14	276	879405	34.096	ng	99

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

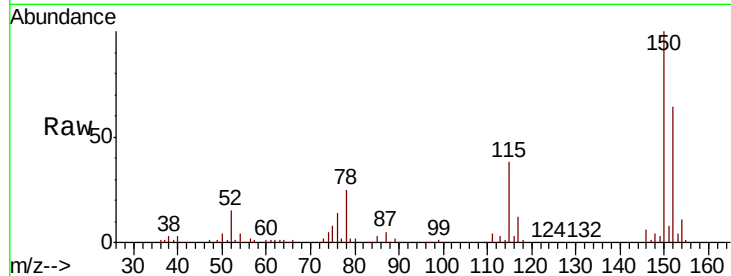


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.74 min Scan# 791
 Delta R.T. -0.01 min
 Lab File: BF119164.D
 Acq: 2 Mar 2020 9:41

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.4	123.0	184.6
115	59.2	49.5	74.3

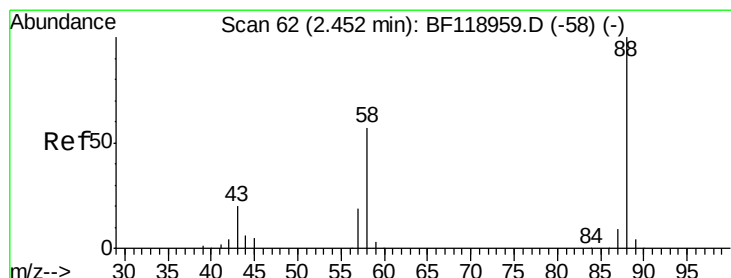
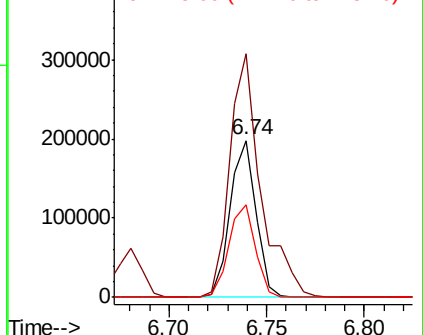
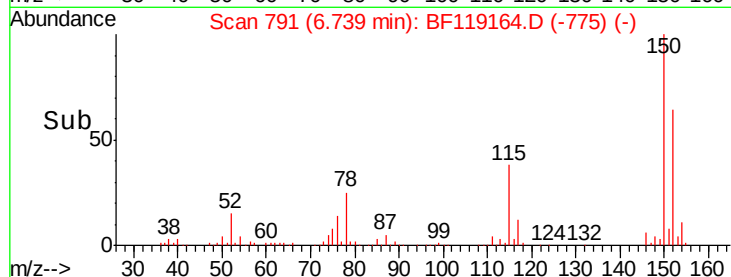


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

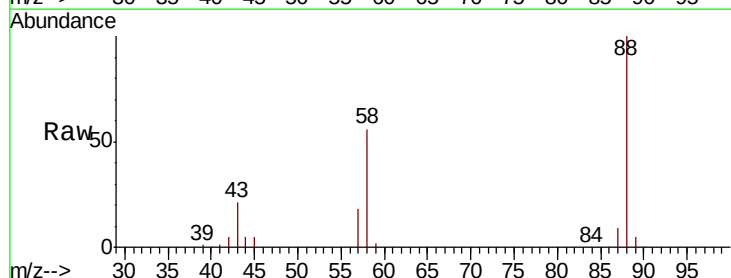
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
 Concen: 34.070 ng
 RT: 2.42 min Scan# 57
 Delta R.T. -0.01 min
 Lab File: BF119164.D
 Acq: 2 Mar 2020 9:41

Tgt Ion	Ratio	Lower	Upper
88	100		
58	55.1	43.8	65.6
43	20.7	16.2	24.4

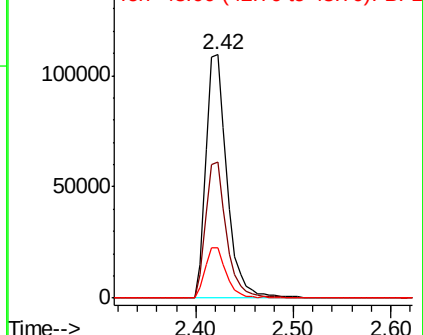
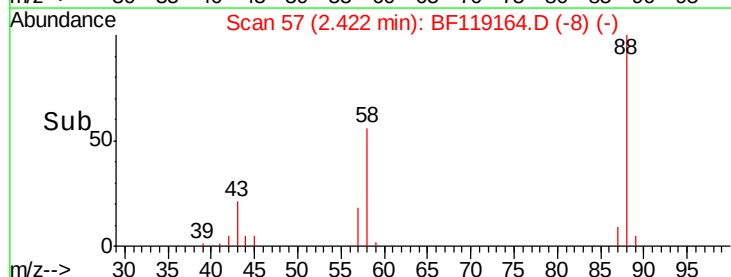


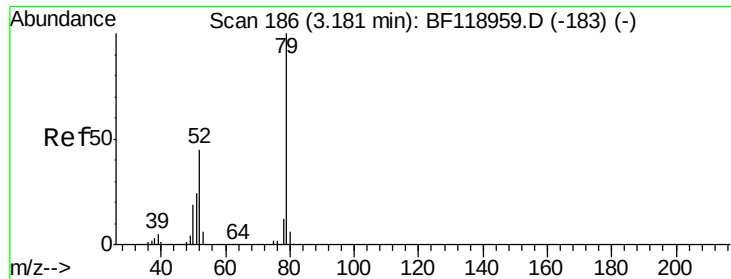
Abundance

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: 35.863 ng

RT: 3.15 min Scan# 180

Delta R.T. -0.01 min

Lab File: BF119164.D

Acq: 2 Mar 2020 9:41

Instrument :

BNA_F

ClientSampleId :

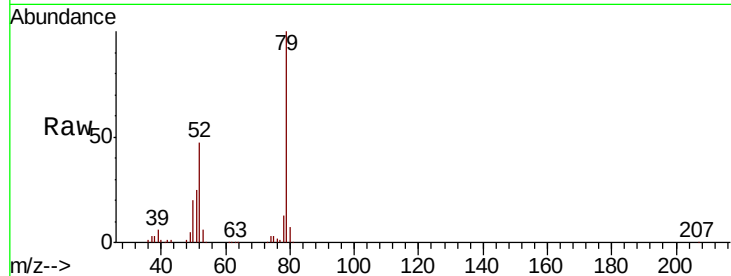
Tot Ion: 79 Resp: 473834

Ion Ratio Lower Upper

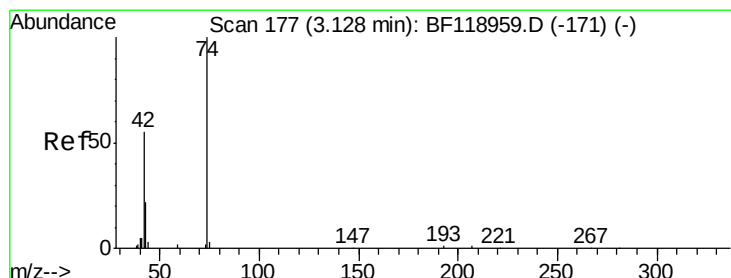
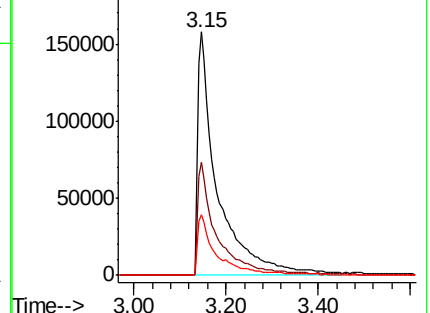
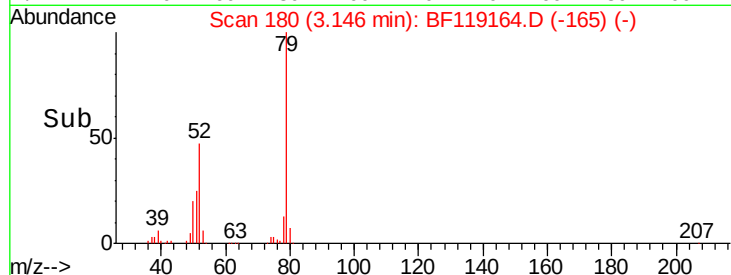
79 100

52 46.7 37.4 56.0

51 24.9 19.8 29.6



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: 39.253 ng

RT: 3.10 min Scan# 172

Delta R.T. -0.02 min

Lab File: BF119164.D

Acq: 2 Mar 2020 9:41

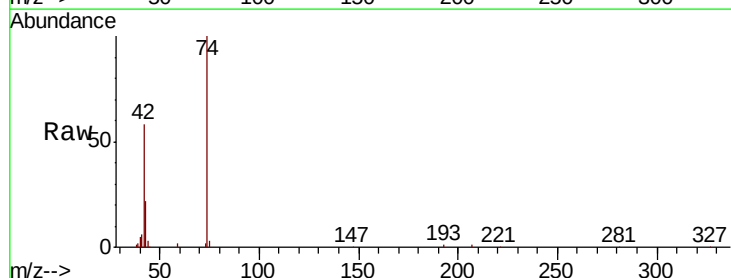
Tgt Ion: 42 Resp: 157106

Ion Ratio Lower Upper

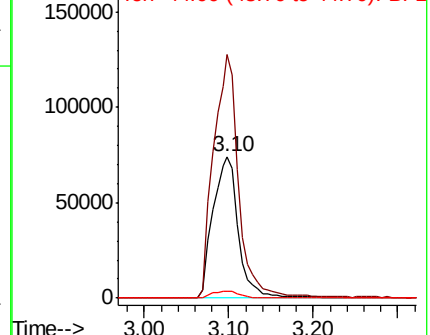
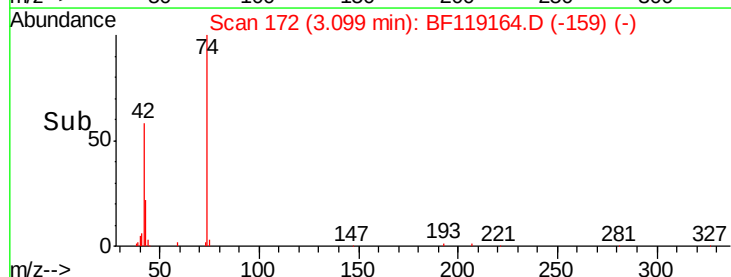
42 100

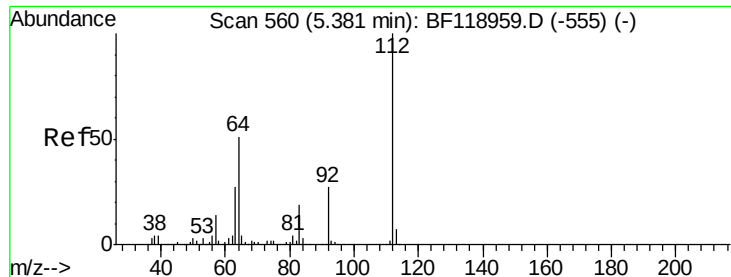
74 171.8 137.7 206.5

44 5.2 4.5 6.7



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: 76.698 ng

RT: 5.36 min Scan# 557

Delta R.T. -0.01 min

Lab File: BF119164.D

Acq: 2 Mar 2020 9:41

Instrument :

BNA_F

ClientSampled :

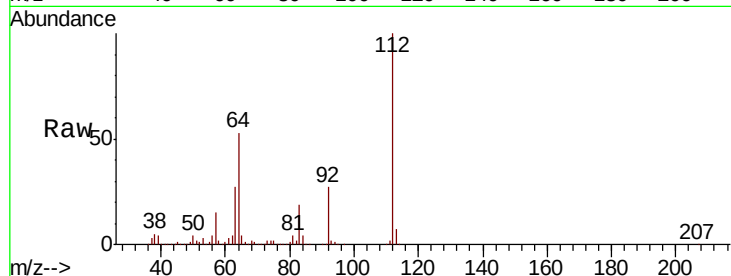
Tot Ion:112 Resp: 833382

Ion Ratio Lower Upper

112 100

64 52.6 45.0 67.4

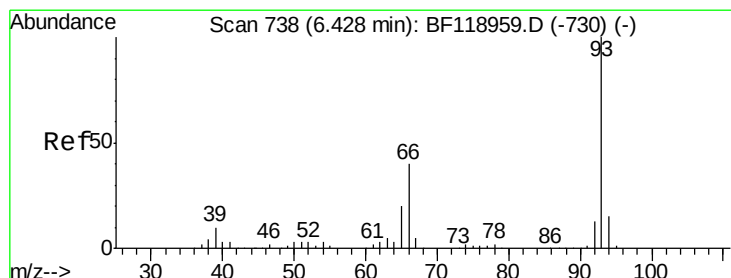
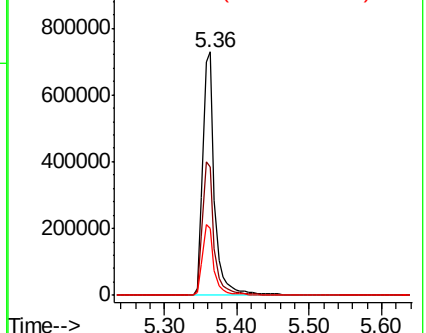
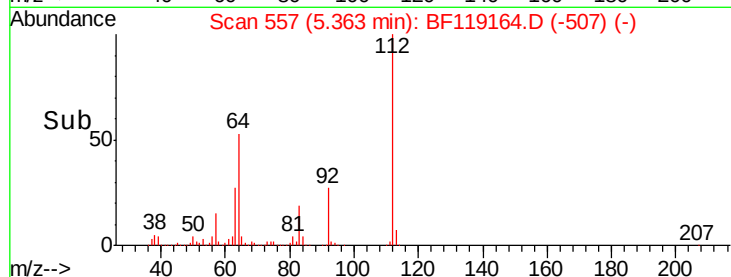
63 27.3 24.2 36.4



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 38.816 ng

RT: 6.40 min Scan# 734

Delta R.T. -0.01 min

Lab File: BF119164.D

Acq: 2 Mar 2020 9:41

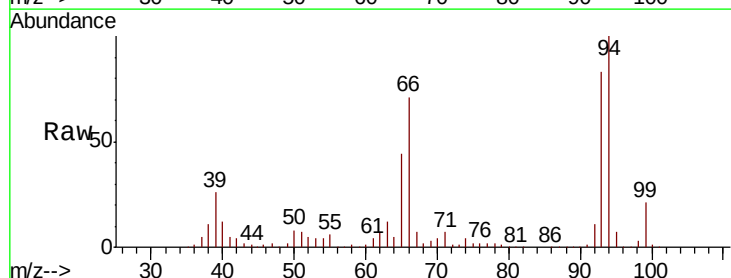
Tgt Ion: 93 Resp: 632935

Ion Ratio Lower Upper

93 100

66 85.8 74.5 111.7

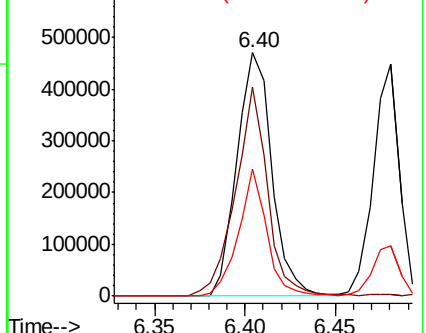
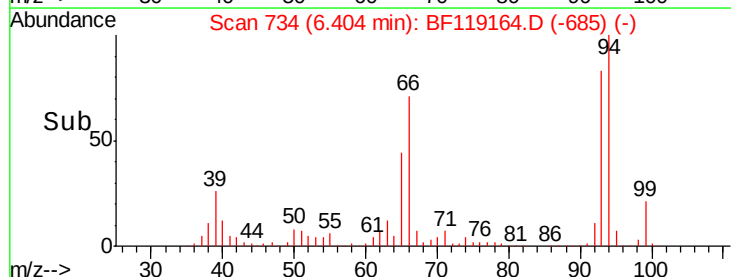
65 52.5 45.3 67.9

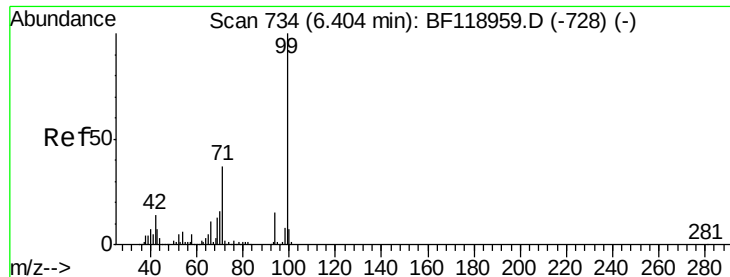


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 78.750 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF119164.D

Acq: 2 Mar 2020 9:41

Instrument :

BNA_F

ClientSampled :

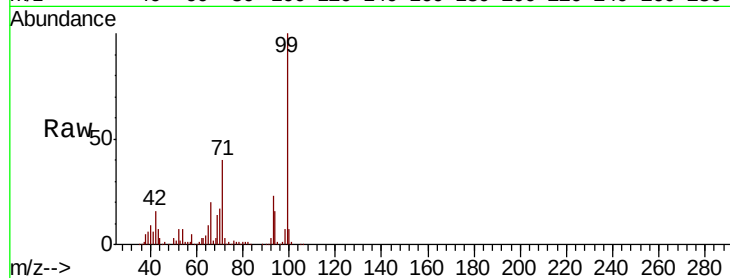
Tot Ion: 99 Resp: 1040673

Ion Ratio Lower Upper

99 100

42 16.0 12.6 18.8

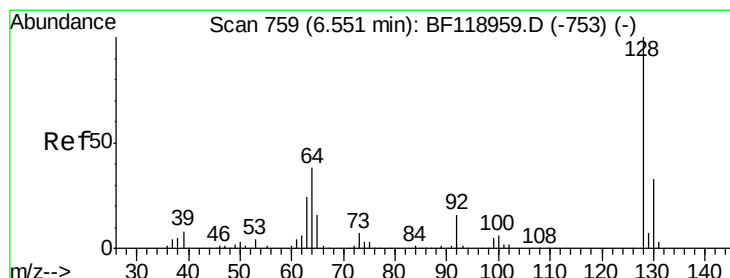
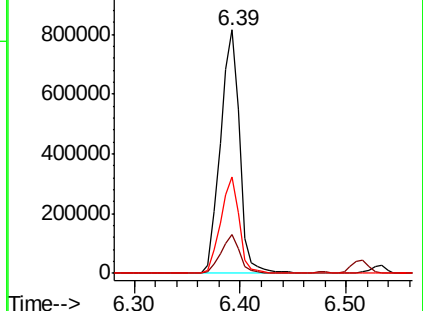
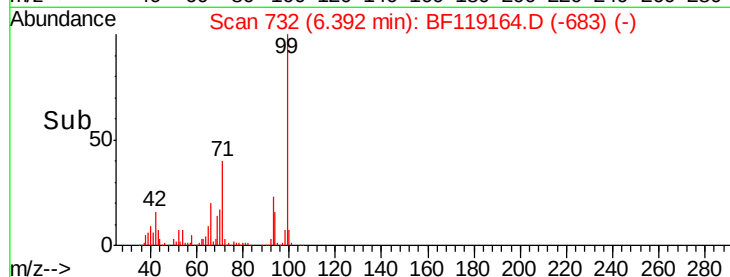
71 39.8 31.0 46.4



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: 39.506 ng

RT: 6.53 min Scan# 756

Delta R.T. -0.01 min

Lab File: BF119164.D

Acq: 2 Mar 2020 9:41

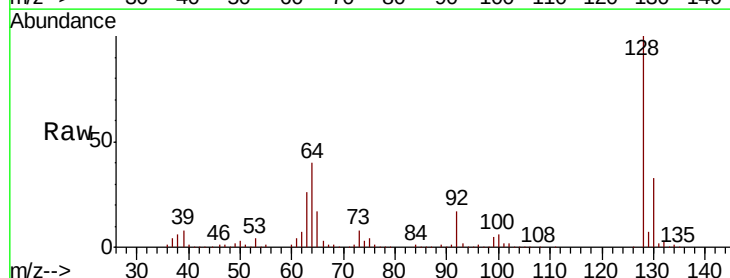
Tgt Ion: 128 Resp: 463262

Ion Ratio Lower Upper

128 100

130 33.1 12.7 52.7

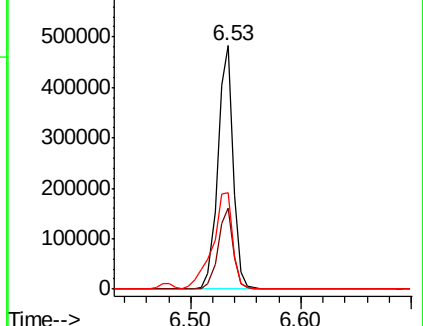
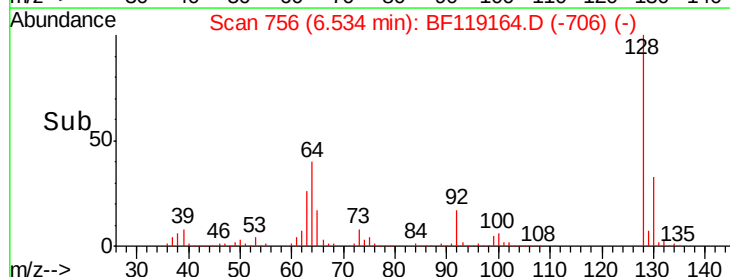
64 39.7 22.3 62.3

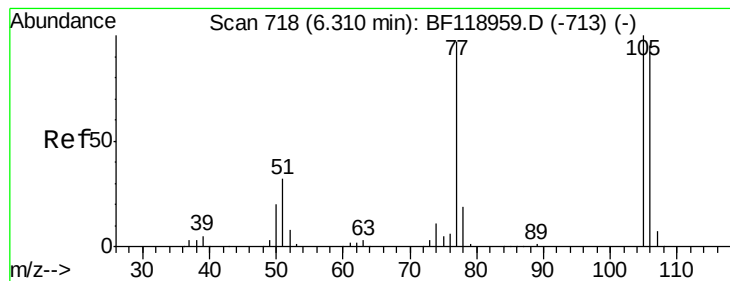


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 33.794 ng

RT: 6.29 min Scan# 714

Delta R.T. -0.01 min

Lab File: BF119164.D

Acq: 2 Mar 2020 9:41

Instrument :

BNA_F

ClientSampleId :

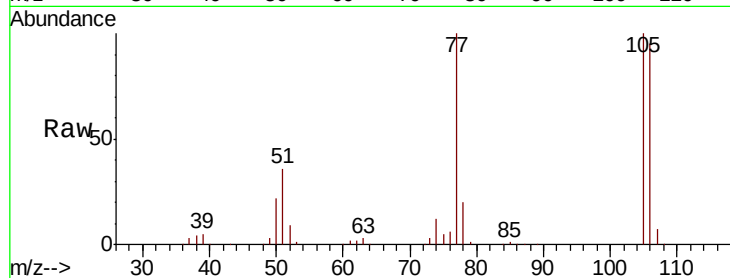
Tot Ion: 77 Resp: 298371

Ion Ratio Lower Upper

77 100

105 99.7 80.1 120.1

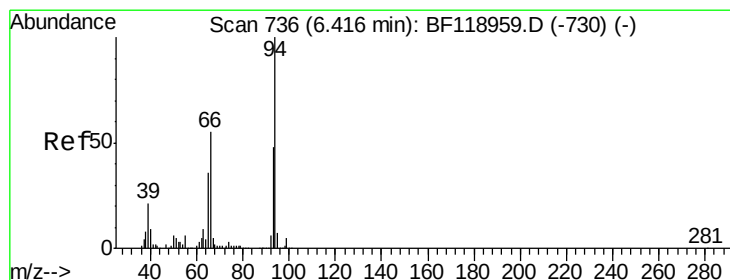
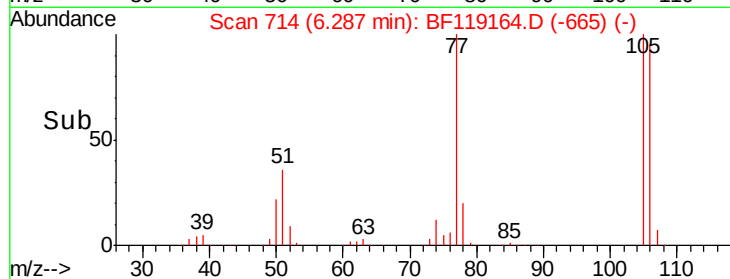
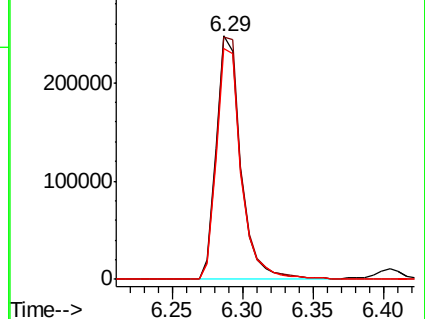
106 94.7 75.9 115.9



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: 38.402 ng

RT: 6.40 min Scan# 734

Delta R.T. -0.01 min

Lab File: BF119164.D

Acq: 2 Mar 2020 9:41

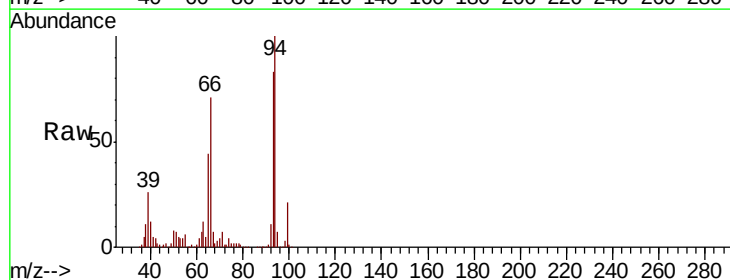
Tgt Ion: 94 Resp: 548672

Ion Ratio Lower Upper

94 100

65 43.7 19.2 59.2

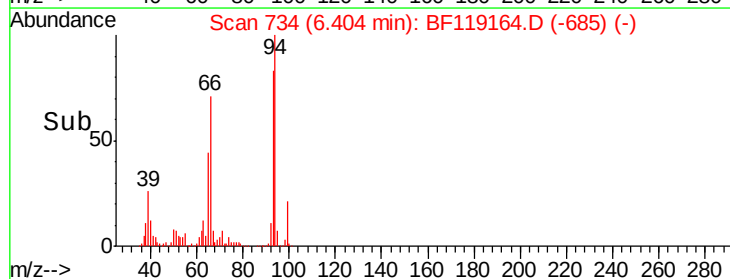
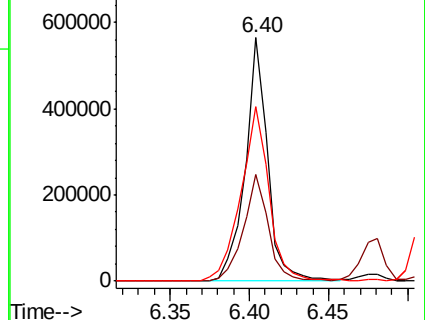
66 71.5 44.4 84.4

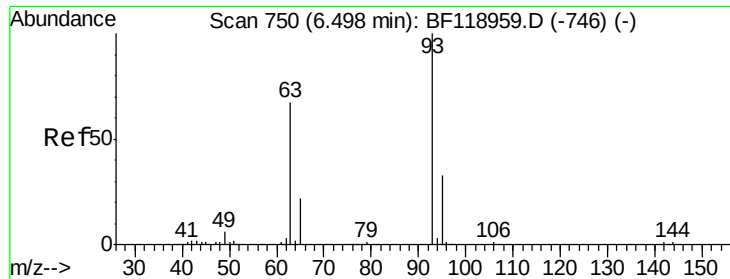


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 40.329 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF119164.D

Acq: 2 Mar 2020 9:41

Instrument :

BNA_F

ClientSampled :

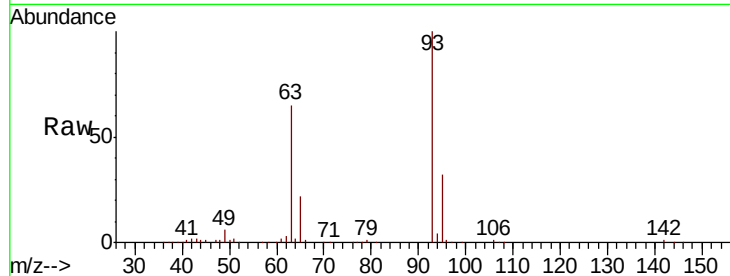
Tot Ion: 93 Resp: 440884

Ion Ratio Lower Upper

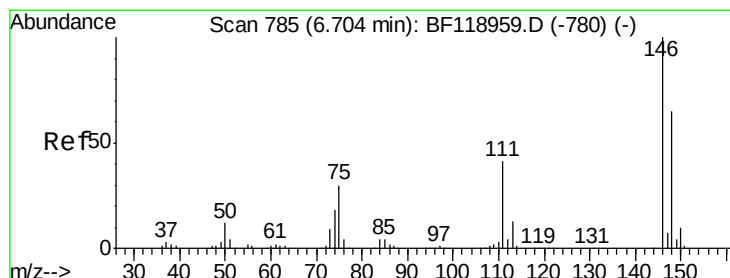
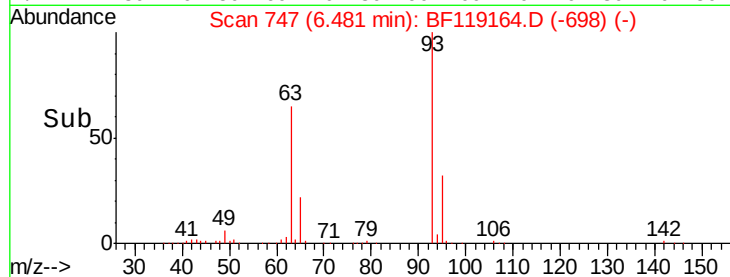
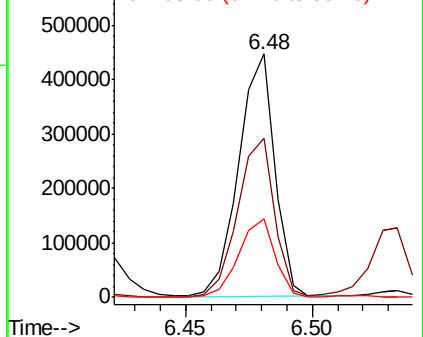
93 100

63 65.5 45.4 85.4

95 32.1 13.5 53.5



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



#12

1,3-Dichlorobenzene

Concen: 38.757 ng

RT: 6.68 min Scan# 781

Delta R.T. -0.01 min

Lab File: BF119164.D

Acq: 2 Mar 2020 9:41

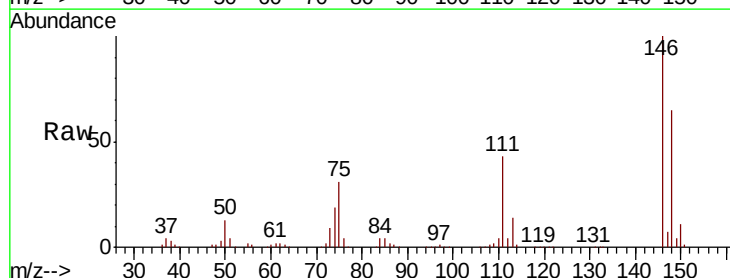
Tgt Ion: 146 Resp: 544717

Ion Ratio Lower Upper

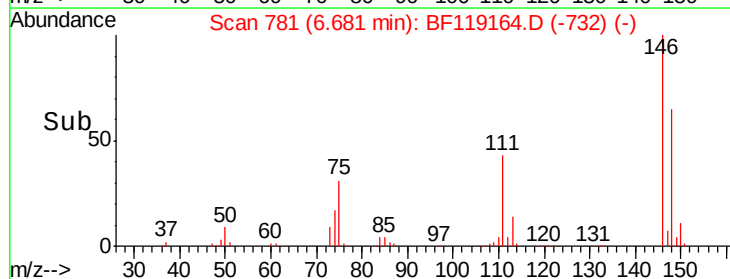
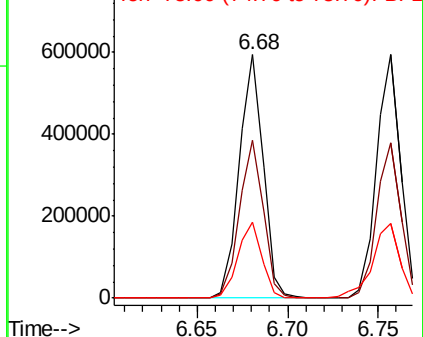
146 100

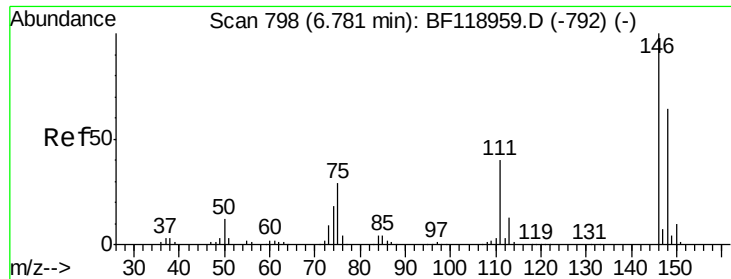
148 64.8 52.5 78.7

75 31.4 23.6 35.4



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

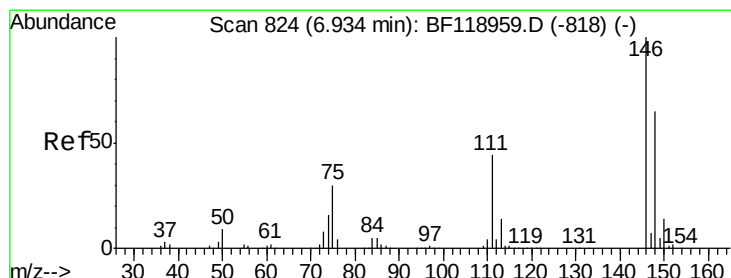
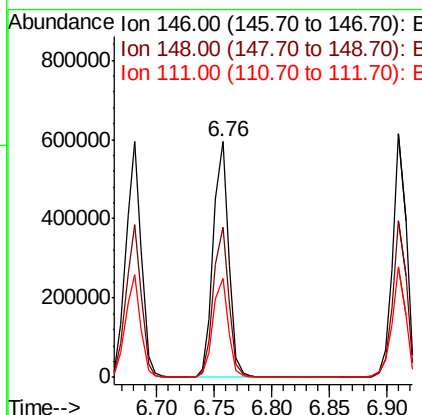
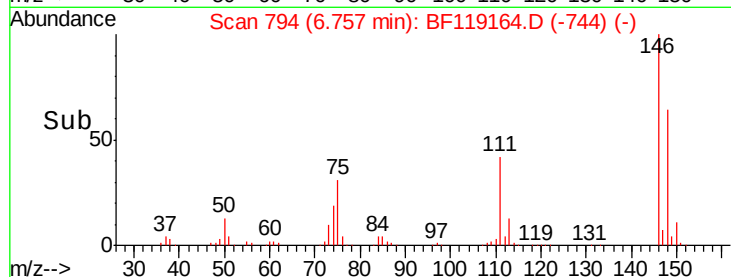
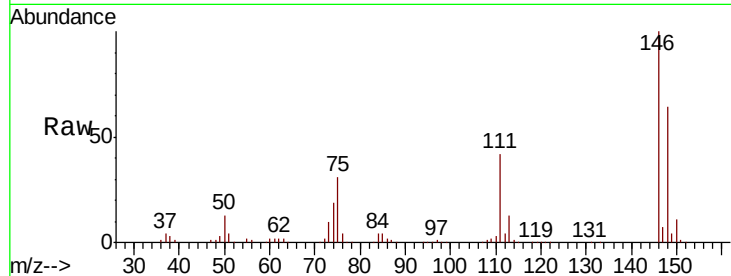




#13
 1,4-Dichlorobenzene
 Concen: 39.339 ng
 RT: 6.76 min Scan# 794
 Delta R.T. -0.01 min
 Lab File: BF119164.D
 Acq: 2 Mar 2020 9:41

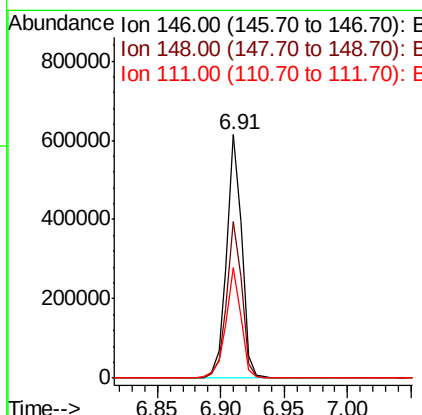
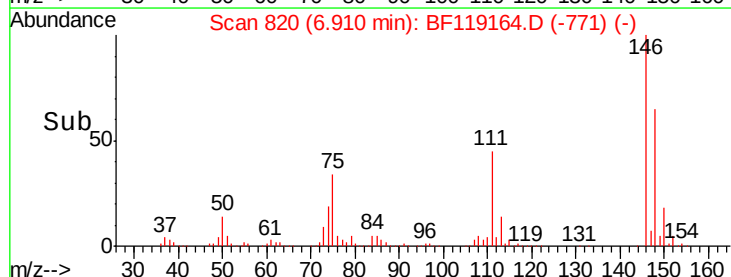
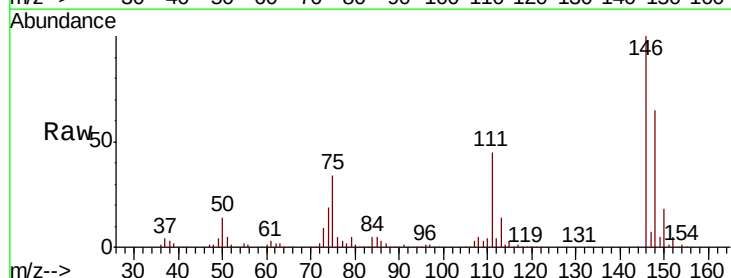
Instrument :
 BNA_F
 ClientSampled :

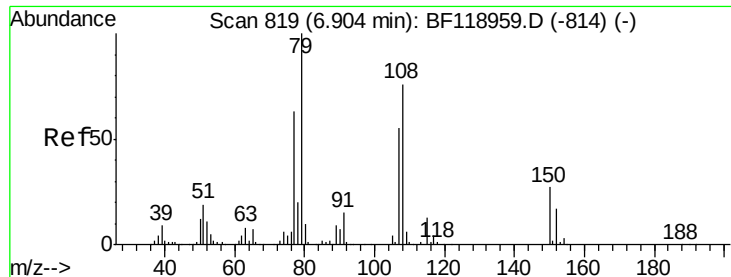
Tot Ion	Ratio	Lower	Upper
146	100		
148	63.9	51.1	76.7
111	42.1	34.8	52.2



#14
 1,2-Dichlorobenzene
 Concen: 39.594 ng
 RT: 6.91 min Scan# 820
 Delta R.T. -0.01 min
 Lab File: BF119164.D
 Acq: 2 Mar 2020 9:41

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.6	51.9	77.9
111	45.4	36.2	54.2

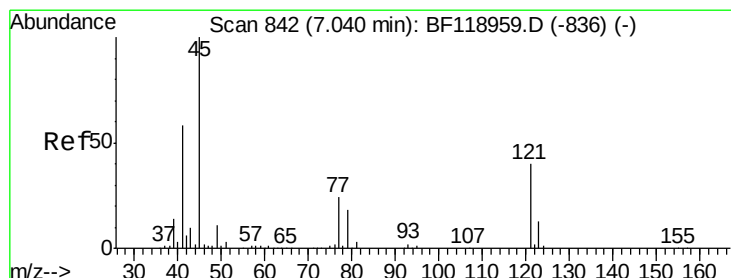
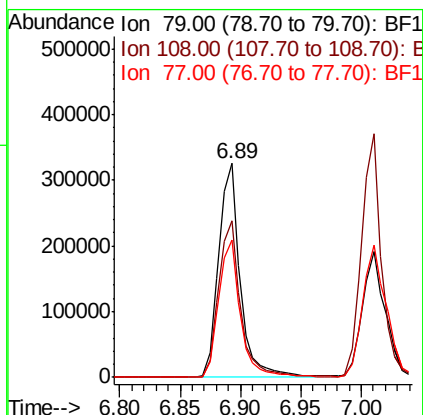
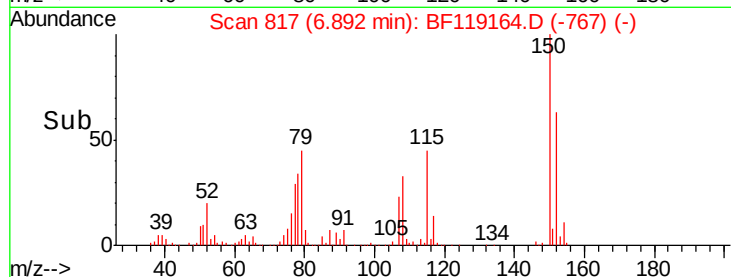
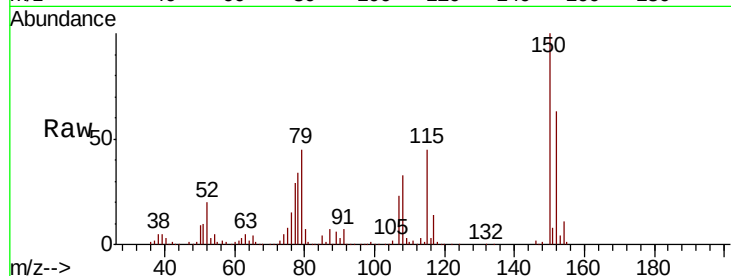




#15
Benzyl Alcohol
Concen: 42.209 ng
RT: 6.89 min Scan# 817
Delta R.T. -0.01 min
Lab File: BF119164.D
Acq: 2 Mar 2020 9:41

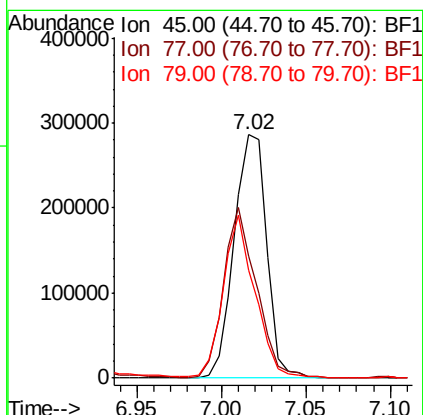
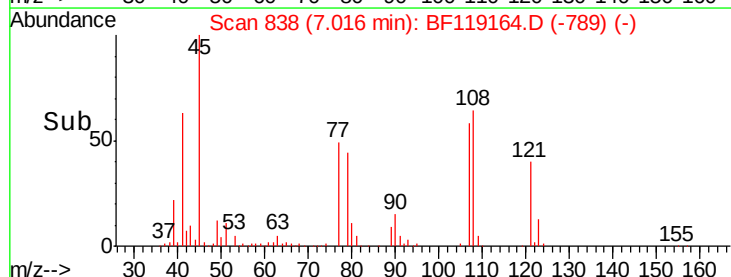
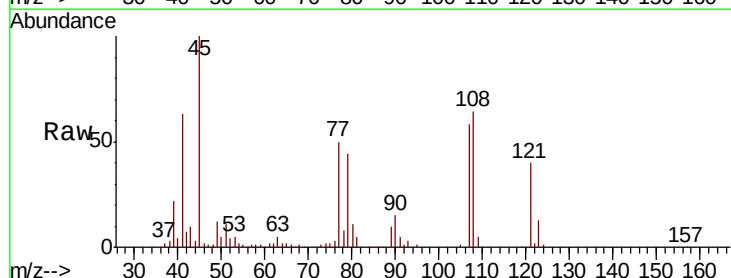
Instrument :
BNA_F
ClientSampled :

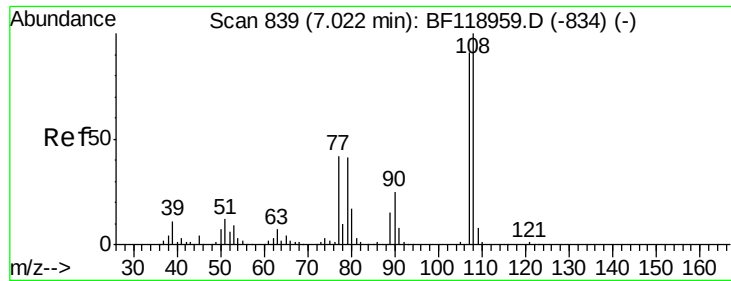
Tot Ion: 79 Resp: 403127
Ion Ratio Lower Upper
79 100
108 73.1 58.2 87.2
77 64.3 51.2 76.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.514 ng
RT: 7.02 min Scan# 838
Delta R.T. -0.01 min
Lab File: BF119164.D
Acq: 2 Mar 2020 9:41

Tgt Ion: 45 Resp: 383664
Ion Ratio Lower Upper
45 100
77 50.0 15.0 55.0
79 44.2 9.4 49.4

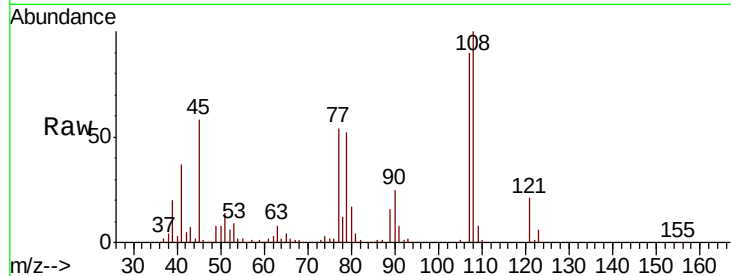




#17
2-Methylphenol
Concen: 39.890 ng
RT: 7.01 min Scan# 837
Delta R.T. -0.01 min
Lab File: BF119164.D
Acq: 2 Mar 2020 9:41

Instrument :
BNA_F
ClientSampled :

Tot Ion:	107	Resp:	379245
Ion	Ratio	Lower	Upper
107	100		
108	110.9	87.9	131.9
77	60.1	45.3	67.9
79	57.1	43.0	64.4



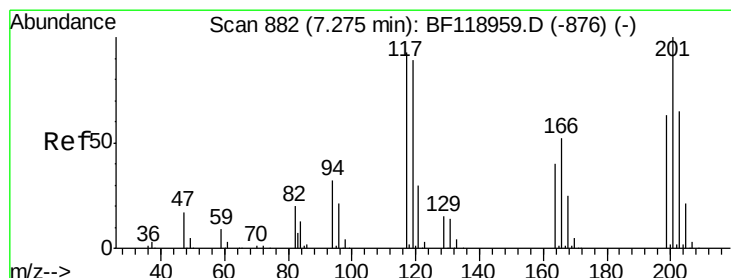
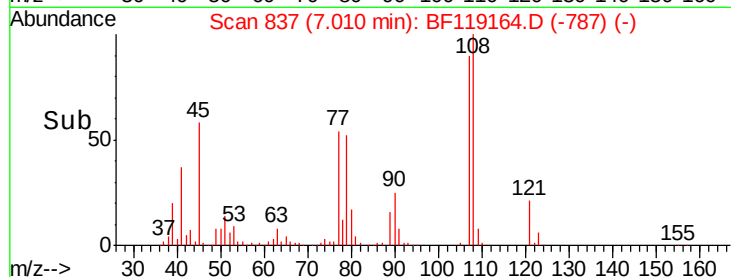
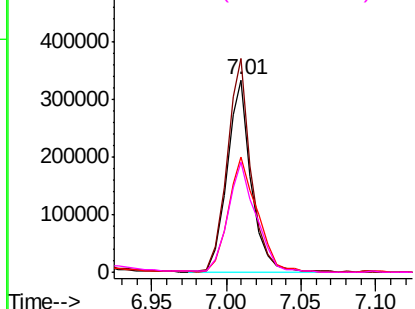
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

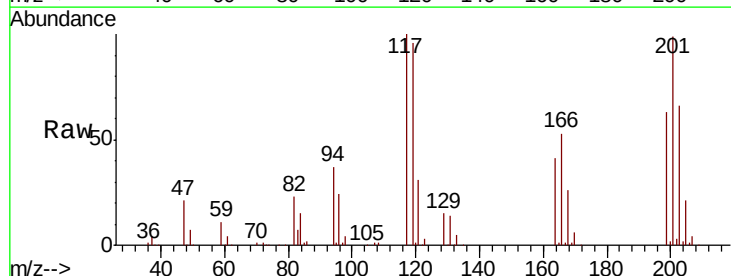
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 40.541 ng
RT: 7.25 min Scan# 877
Delta R.T. -0.01 min
Lab File: BF119164.D
Acq: 2 Mar 2020 9:41

Tgt Ion:	117	Resp:	203990
Ion	Ratio	Lower	Upper
117	100		
119	96.2	77.5	116.3
201	99.4	82.6	123.8

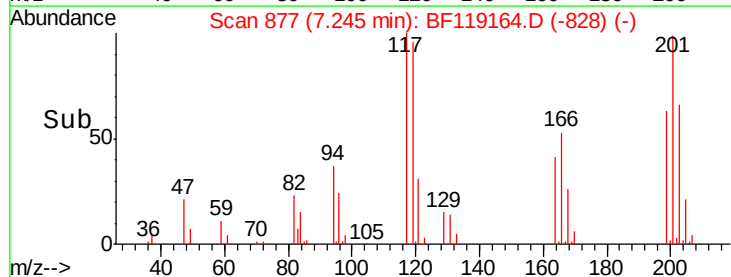
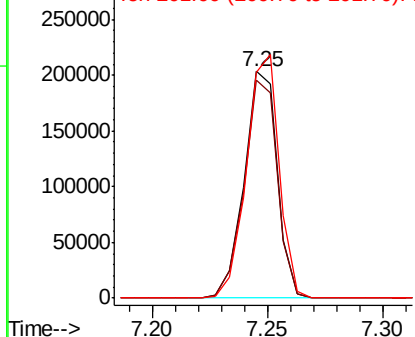


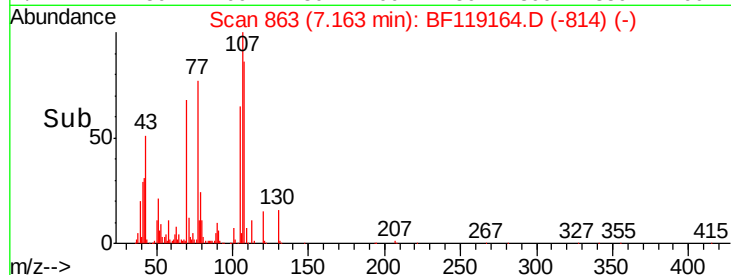
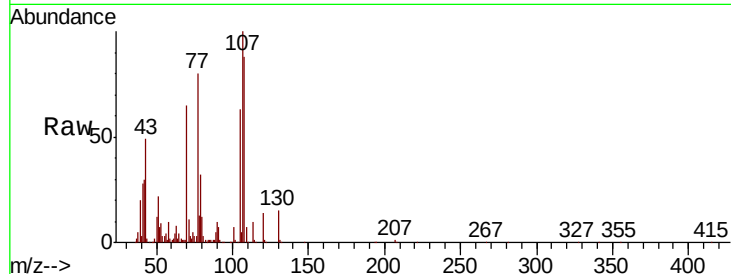
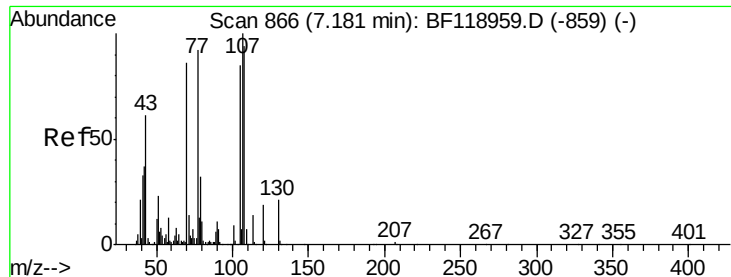
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

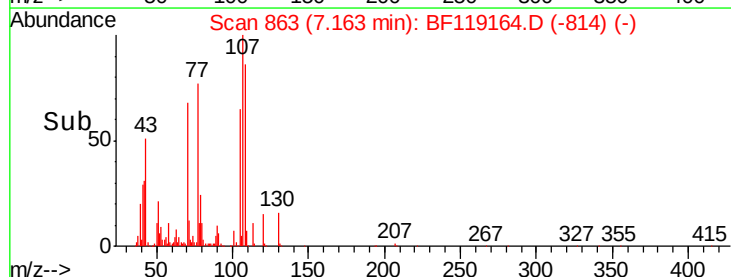
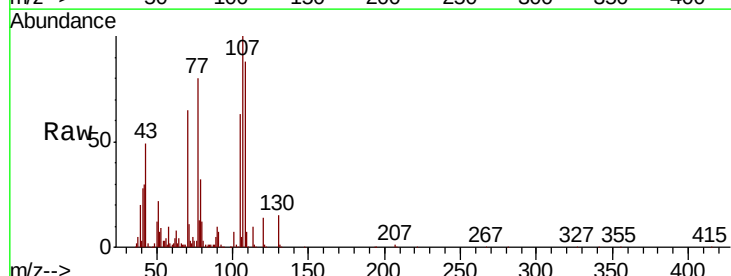
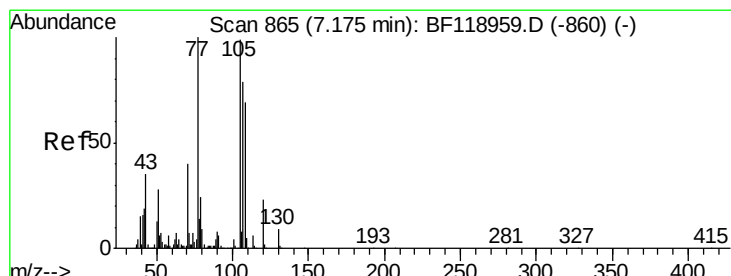
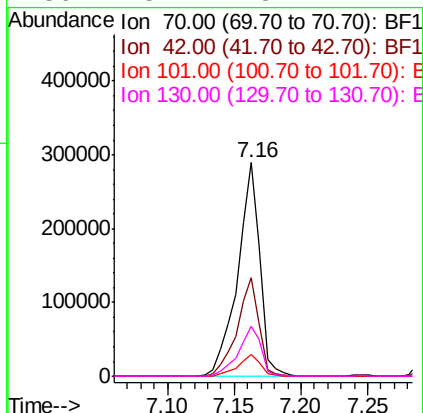




#19
n-Nitroso-di-n-propylamine
Concen: 43.394 ng
RT: 7.16 min Scan# 863
Delta R.T. -0.01 min
Lab File: BF119164.D
Acq: 2 Mar 2020 9:41

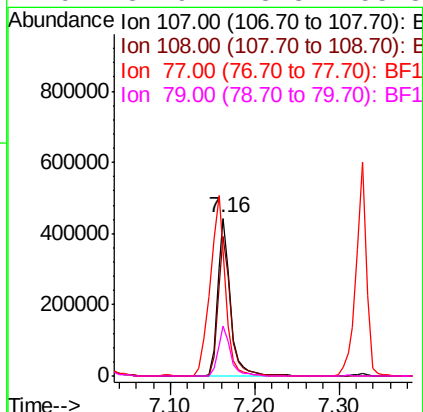
Instrument :
BNA_F
ClientSampleId :

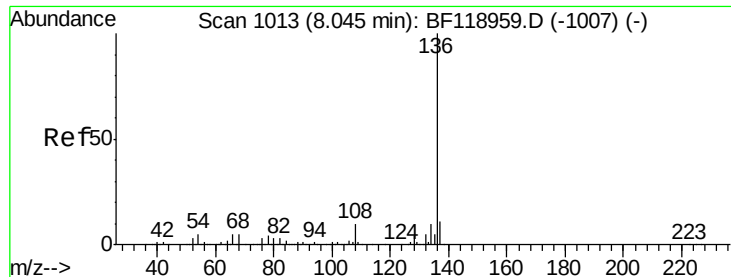
Tot Ion:	70	Resp:	334143
Ion	Ratio	Lower	Upper
70	100		
42	46.3	38.0	57.0
101	10.4	8.2	12.4
130	23.2	18.2	27.4



#20
3+4-Methylphenols
Concen: 40.663 ng
RT: 7.16 min Scan# 863
Delta R.T. -0.01 min
Lab File: BF119164.D
Acq: 2 Mar 2020 9:41

Tgt Ion:	107	Resp:	473627
Ion	Ratio	Lower	Upper
107	100		
108	88.2	71.5	111.5
77	79.5	45.9	85.9
79	31.9	13.8	53.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.02 min Scan# 1009

Delta R.T. -0.01 min

Lab File: BF119164.D

Acq: 2 Mar 2020 9:41

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 691706

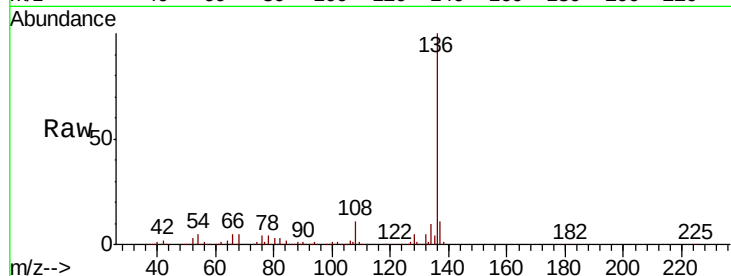
Ion Ratio Lower Upper

136 100

137 11.0 8.8 13.2

54 4.9 3.8 5.6

68 5.1 3.9 5.9

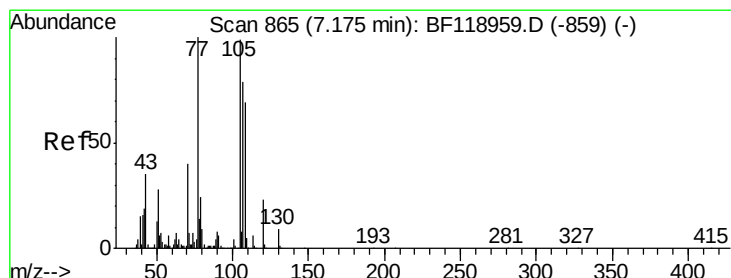
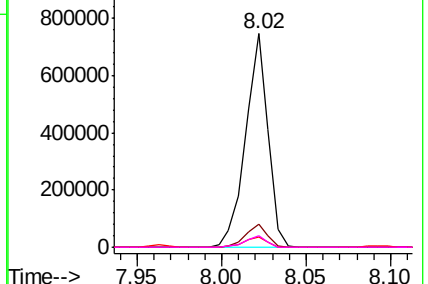
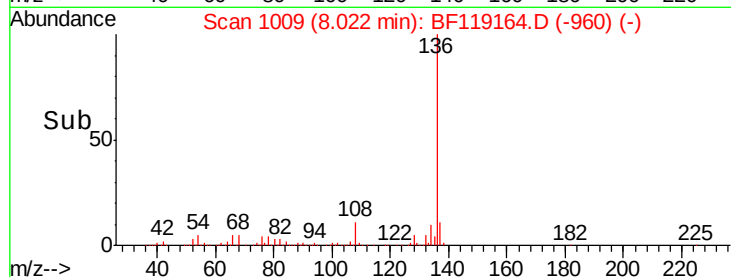


Abundance Ion 136.00 (135.70 to 136.70): E

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: 40.356 ng

RT: 7.16 min Scan# 862

Delta R.T. -0.01 min

Lab File: BF119164.D

Acq: 2 Mar 2020 9:41

Tgt Ion:105 Resp: 645864

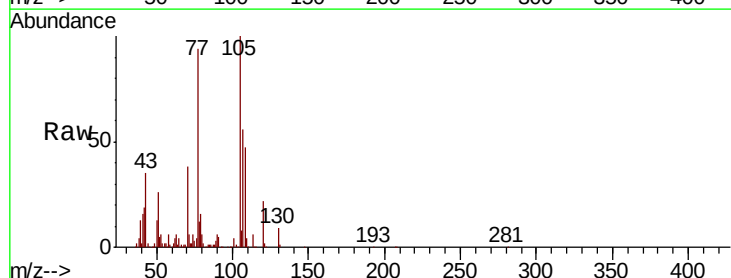
Ion Ratio Lower Upper

105 100

71 6.3 3.0 4.4#

51 26.4 20.1 30.1

120 22.1 18.0 27.0

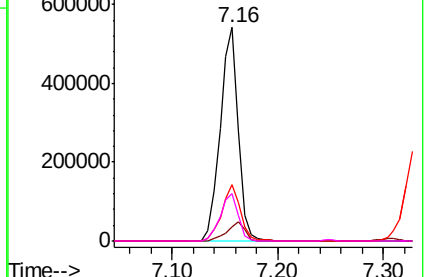
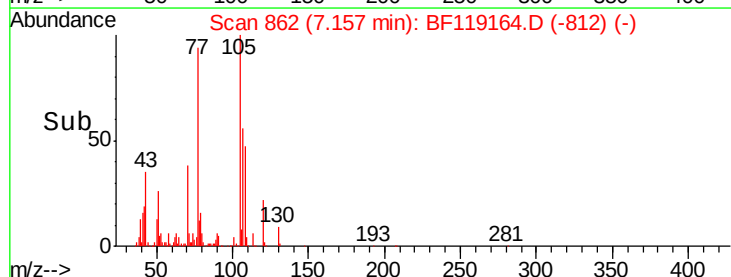


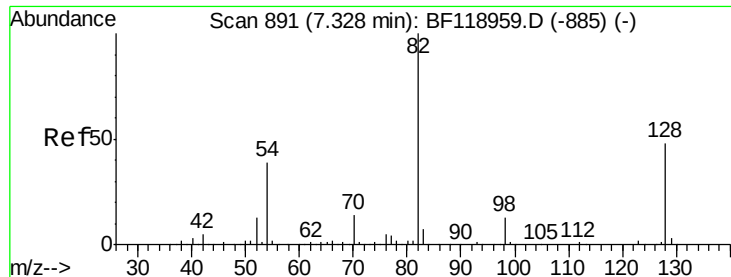
Abundance Ion 105.00 (104.70 to 105.70): E

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

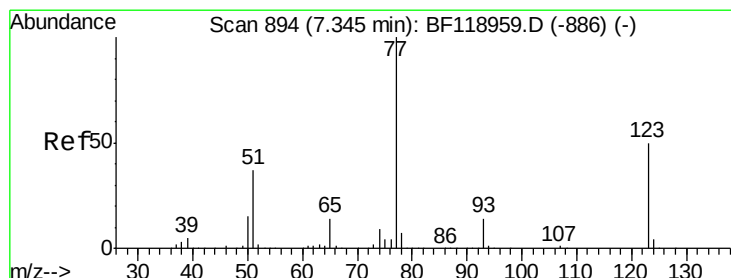
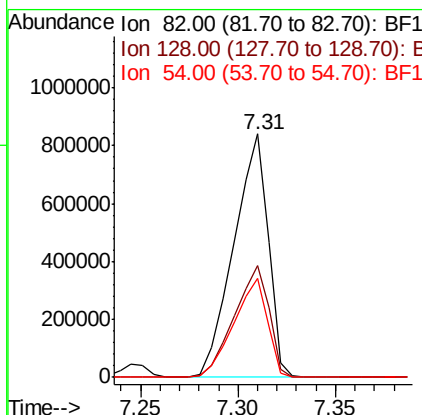
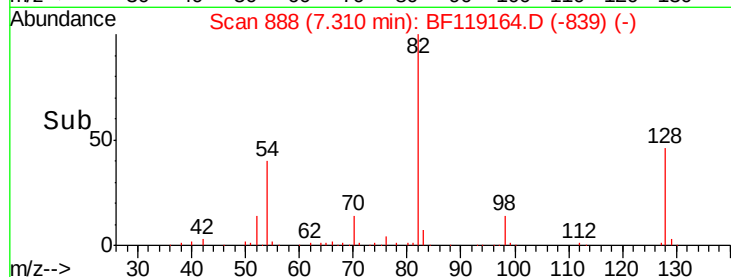
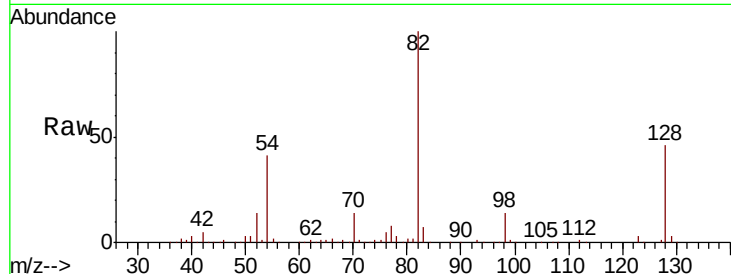




#23
 Nitrobenzene-d5
 Concen: 78.319 ng
 RT: 7.31 min Scan# 888
 Delta R.T. -0.01 min
 Lab File: BF119164.D
 Acq: 2 Mar 2020 9:41

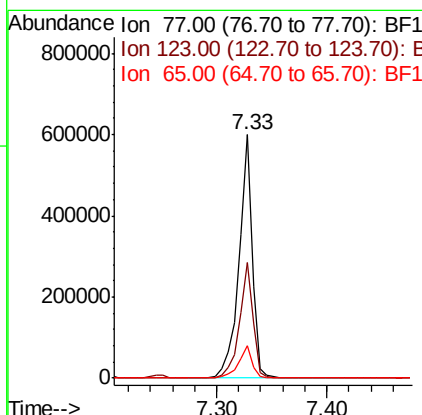
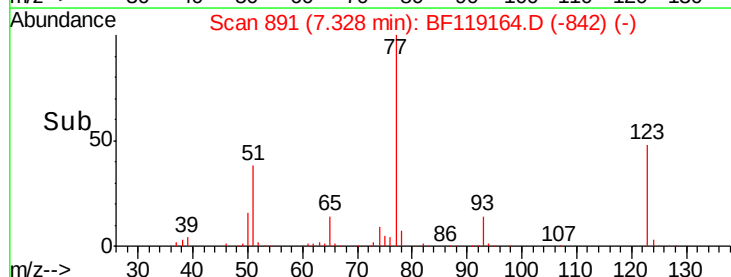
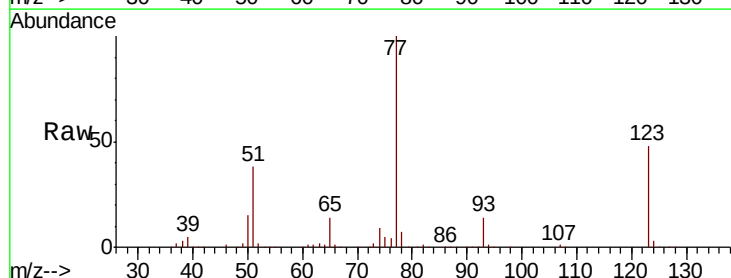
Instrument :
 BNA_F
 ClientSampleId :

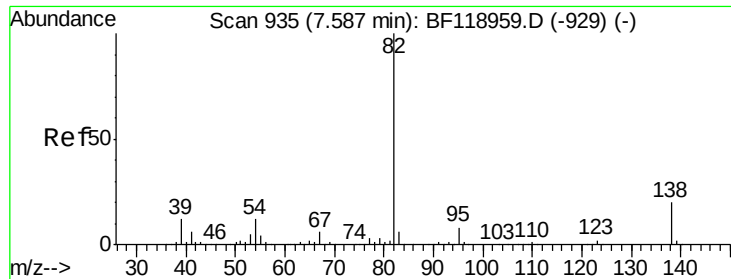
Tot Ion: 82 Resp: 1026022
 Ion Ratio Lower Upper
 82 100
 128 45.7 37.9 56.9
 54 40.6 33.4 50.2



#24
 Nitrobenzene
 Concen: 39.387 ng
 RT: 7.33 min Scan# 891
 Delta R.T. -0.01 min
 Lab File: BF119164.D
 Acq: 2 Mar 2020 9:41

Tgt Ion: 77 Resp: 510256
 Ion Ratio Lower Upper
 77 100
 123 47.6 40.2 60.2
 65 13.6 10.8 16.2





#25

Isophorone

Concen: 40.649 ng

RT: 7.57 min Scan# 932

Delta R.T. -0.01 min

Lab File: BF119164.D

Acq: 2 Mar 2020 9:41

Instrument :

BNA_F

ClientSampleId :

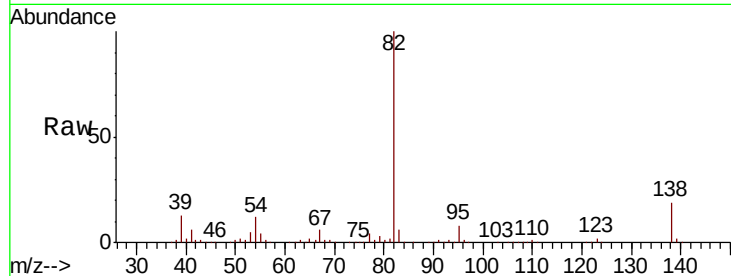
Tot Ion: 82 Resp: 924836

Ion Ratio Lower Upper

82 100

95 8.1 6.4 9.6

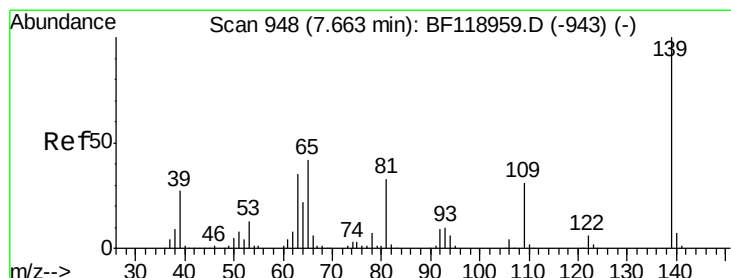
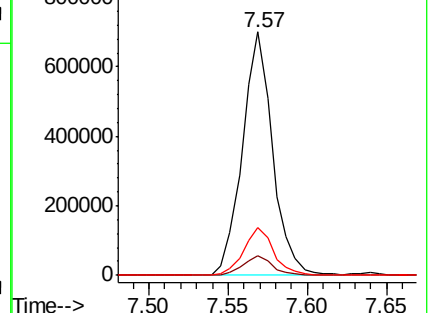
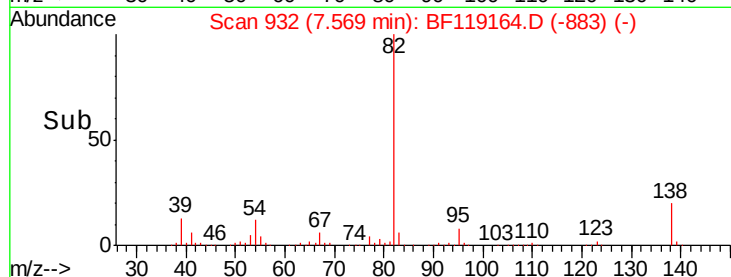
138 19.5 15.7 23.5



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: 39.503 ng

RT: 7.64 min Scan# 944

Delta R.T. -0.01 min

Lab File: BF119164.D

Acq: 2 Mar 2020 9:41

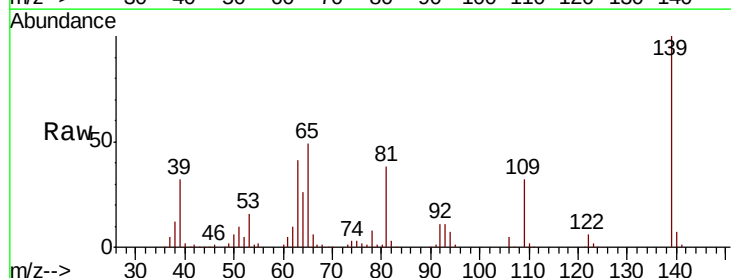
Tgt Ion: 139 Resp: 271158

Ion Ratio Lower Upper

139 100

109 32.5 25.7 38.5

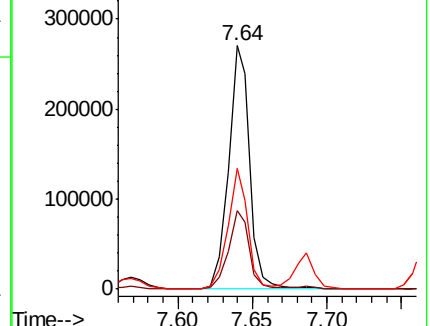
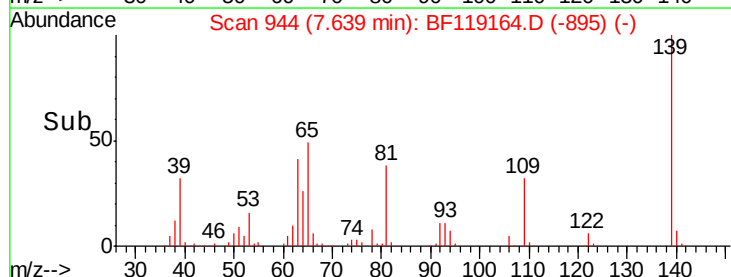
65 49.4 37.1 55.7

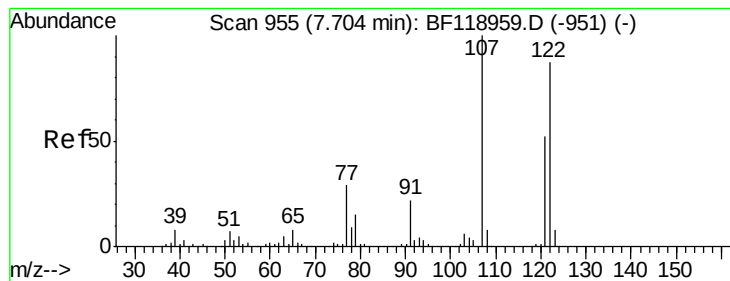


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

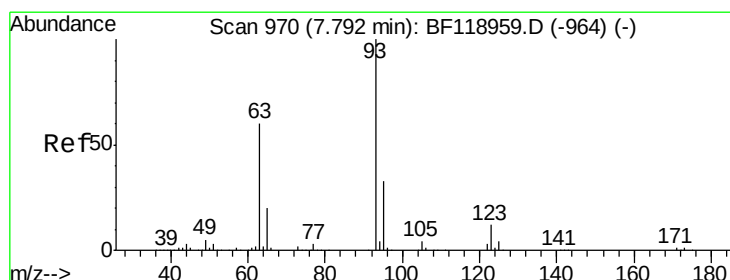
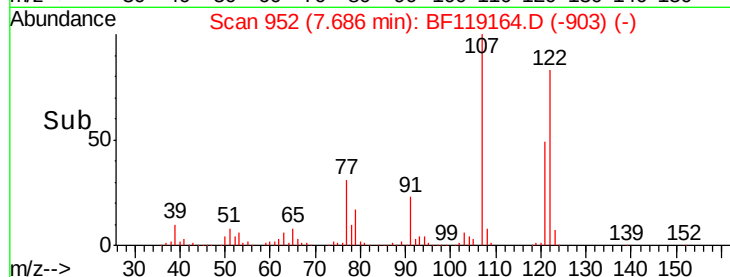
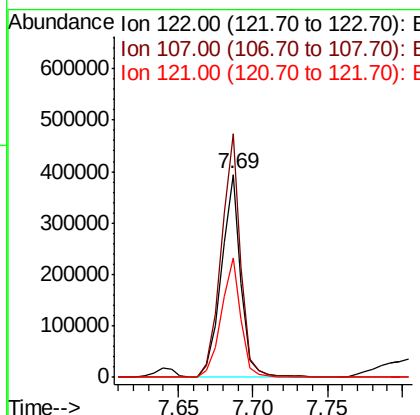
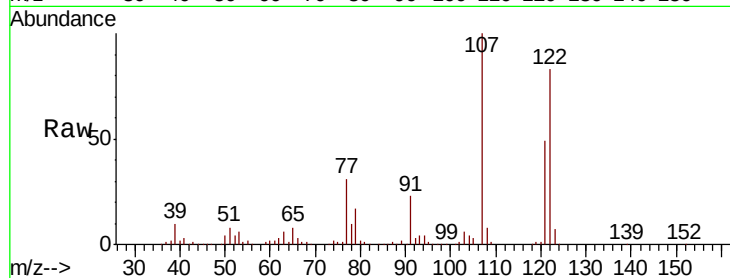




#27
 2,4-Dimethylphenol
 Concen: 38.661 ng
 RT: 7.69 min Scan# 952
 Delta R.T. -0.01 min
 Lab File: BF119164.D
 Acq: 2 Mar 2020 9:41

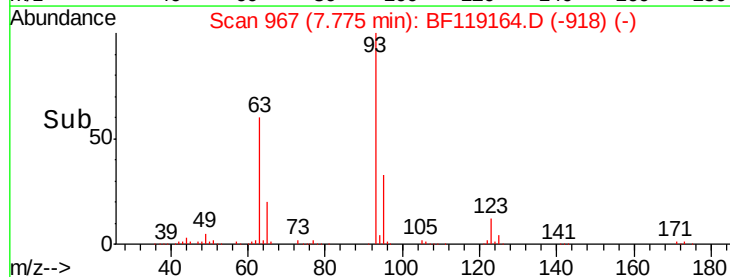
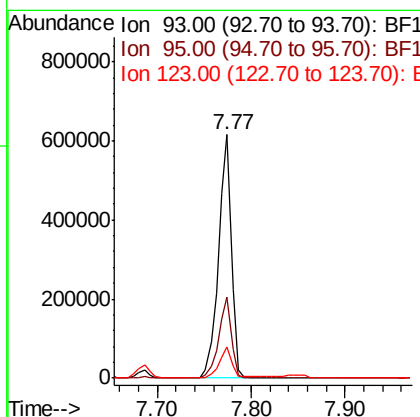
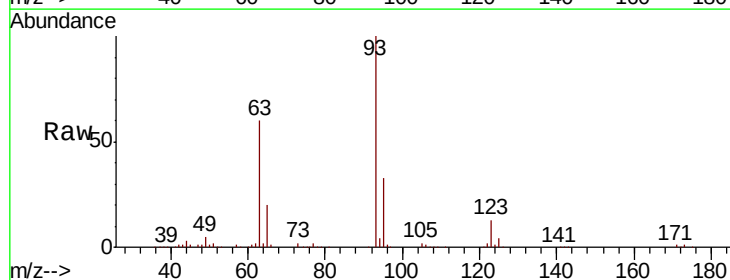
Instrument :
 BNA_F
 ClientSampleId :

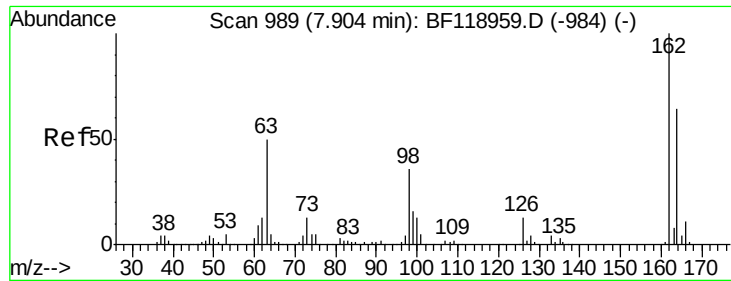
Tot Ion:122 Resp: 360168
 Ion Ratio Lower Upper
 122 100
 107 120.1 93.8 140.6
 121 59.1 48.2 72.2



#28
 bis(2-Chloroethoxy)methane
 Concen: 39.985 ng
 RT: 7.77 min Scan# 967
 Delta R.T. -0.01 min
 Lab File: BF119164.D
 Acq: 2 Mar 2020 9:41

Tgt Ion: 93 Resp: 592135
 Ion Ratio Lower Upper
 93 100
 95 33.2 26.5 39.7
 123 12.5 10.2 15.2

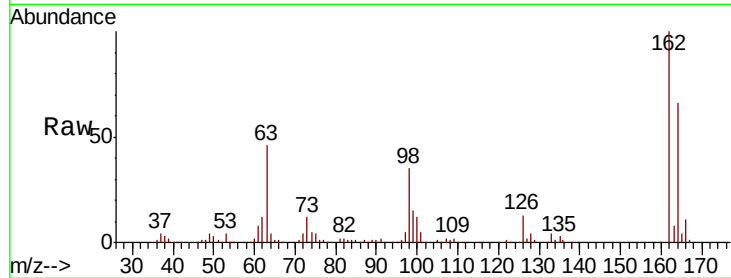




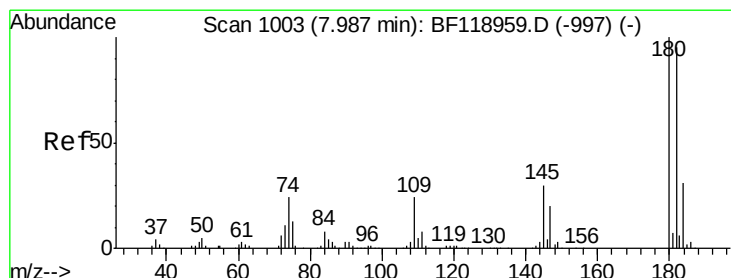
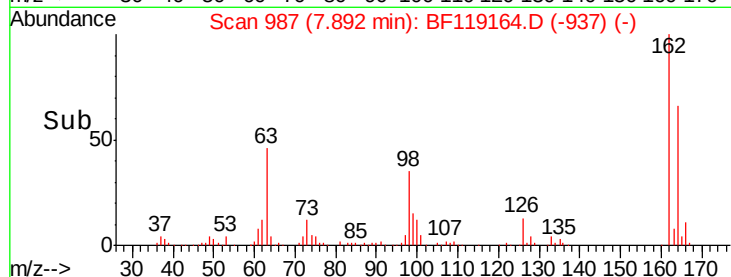
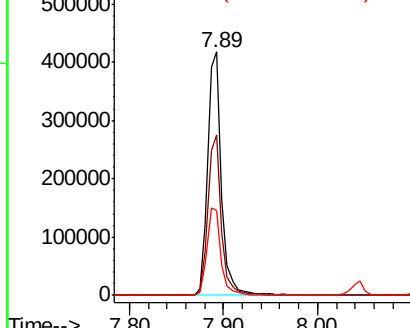
#29
2,4-Dichlorophenol
Concen: 39.199 ng
RT: 7.89 min Scan# 987
Delta R.T. -0.01 min
Lab File: BF119164.D
Acq: 2 Mar 2020 9:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion:162 Resp: 429904
Ion Ratio Lower Upper
162 100
164 65.8 45.2 85.2
98 34.9 17.4 57.4

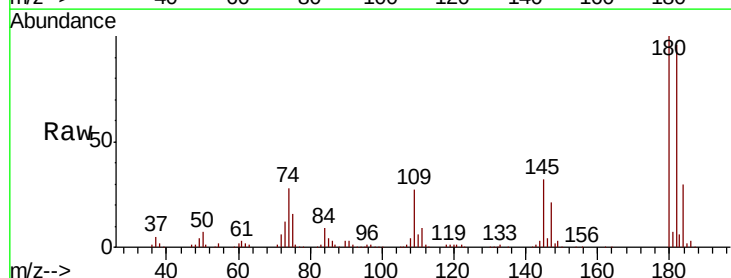


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

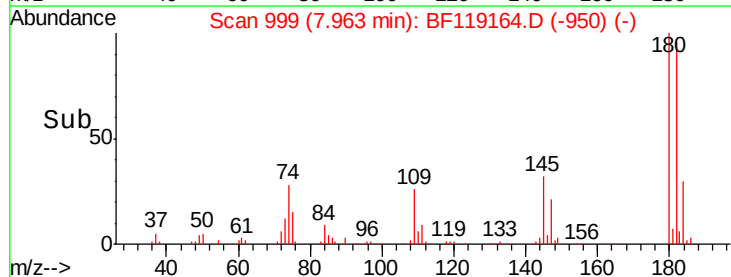
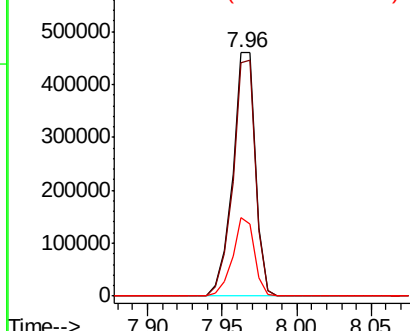


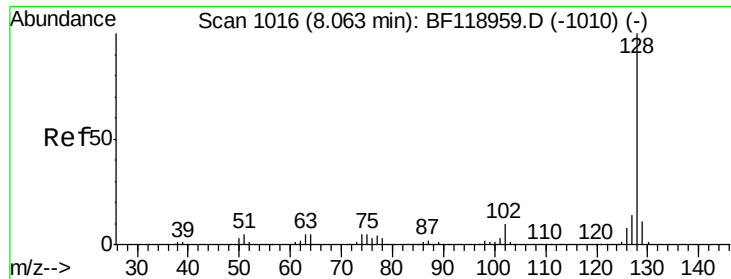
#30
1,2,4-Trichlorobenzene
Concen: 38.045 ng
RT: 7.96 min Scan# 999
Delta R.T. -0.01 min
Lab File: BF119164.D
Acq: 2 Mar 2020 9:41

Tgt Ion:180 Resp: 494708
Ion Ratio Lower Upper
180 100
182 95.8 77.8 116.6
145 32.1 25.2 37.8



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

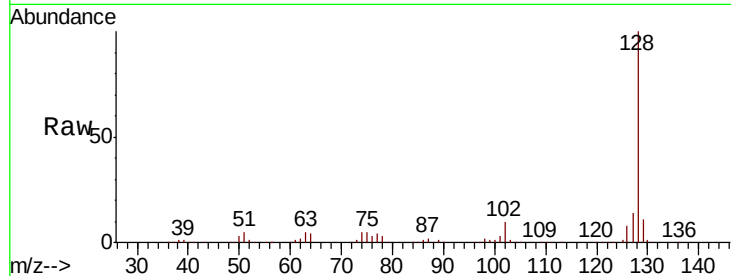




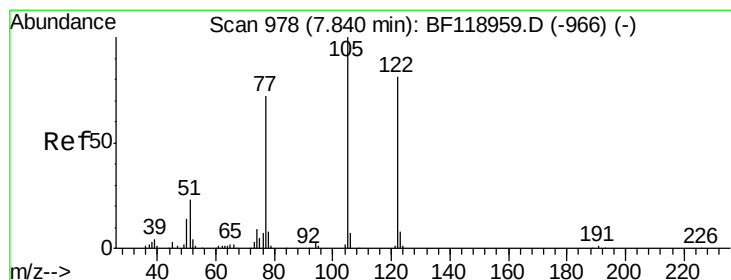
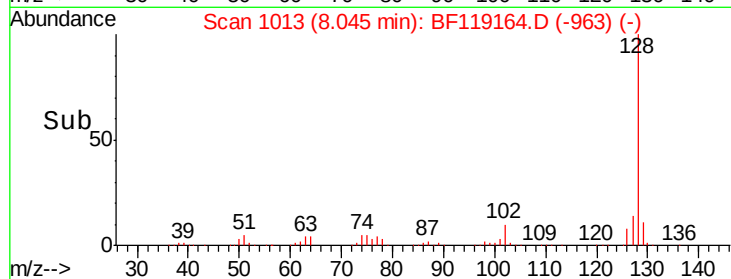
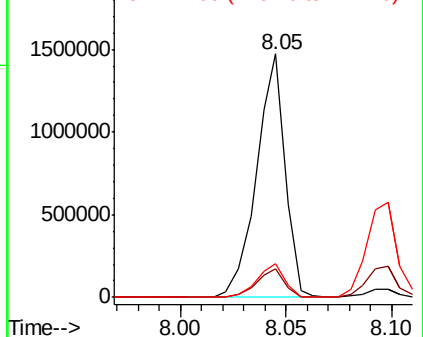
#31
Naphthalene
Concen: 38.659 ng
RT: 8.05 min Scan# 1013
Delta R.T. -0.01 min
Lab File: BF119164.D
Acq: 2 Mar 2020 9:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 1386800
Ion Ratio Lower Upper
128 100
129 11.5 9.4 14.2
127 13.9 11.4 17.2

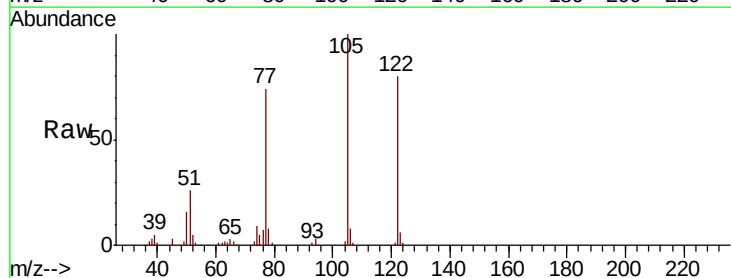


Abundance Ion 128.00 (127.70 to 128.70): E
2000000 Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

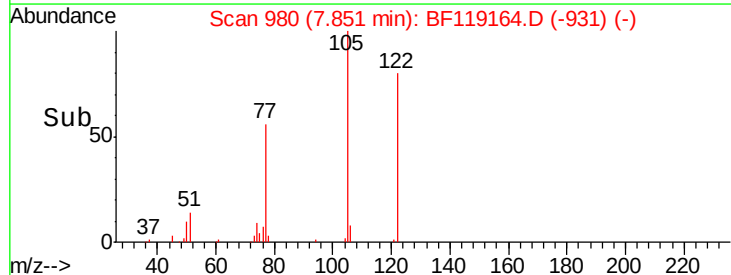
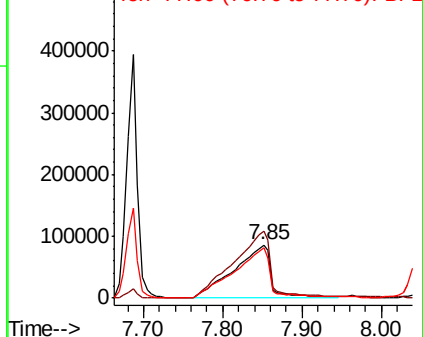


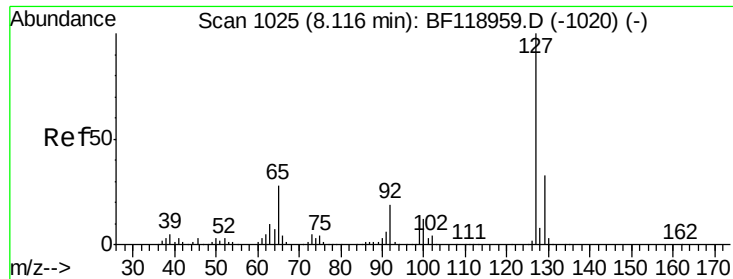
#32
Benzoic acid
Concen: 41.652 ng
RT: 7.85 min Scan# 980
Delta R.T. -0.01 min
Lab File: BF119164.D
Acq: 2 Mar 2020 9:41

Tgt Ion:122 Resp: 276156
Ion Ratio Lower Upper
122 100
105 125.3 106.3 146.3
77 93.1 73.1 113.1



Abundance Ion 122.00 (121.70 to 122.70): E
500000 Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

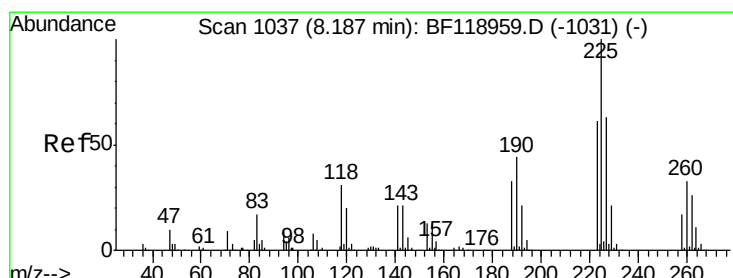
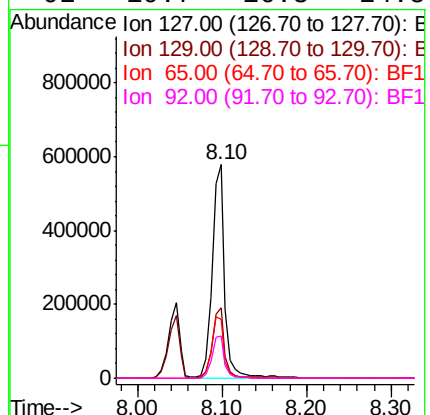
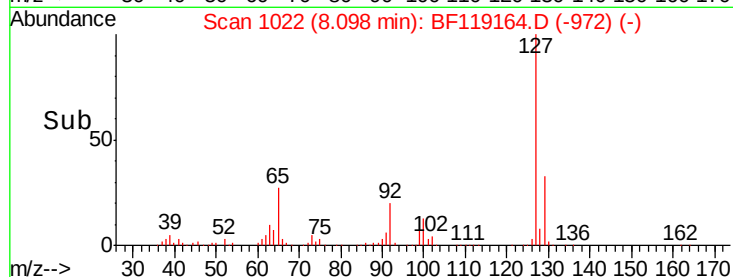
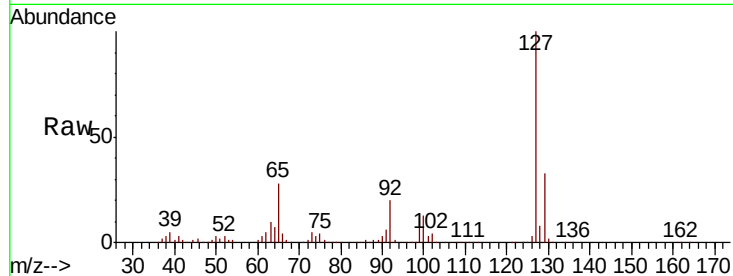




#33
4-Chloroaniline
Concen: 39.174 ng
RT: 8.10 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BF119164.D
Acq: 2 Mar 2020 9:41

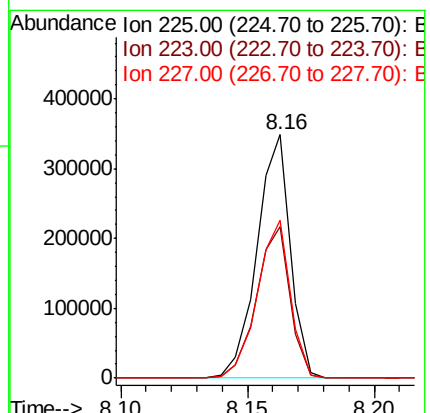
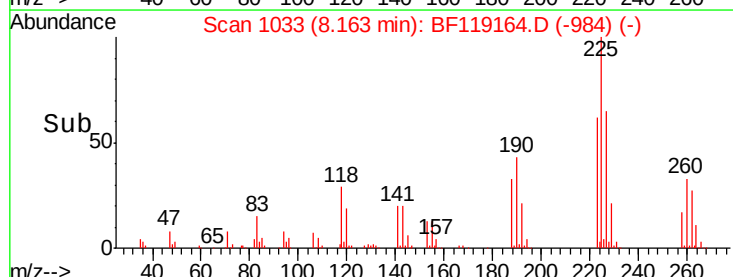
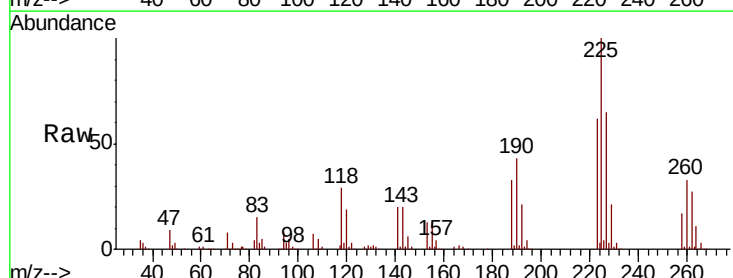
Instrument :
BNA_F
ClientSampleId :

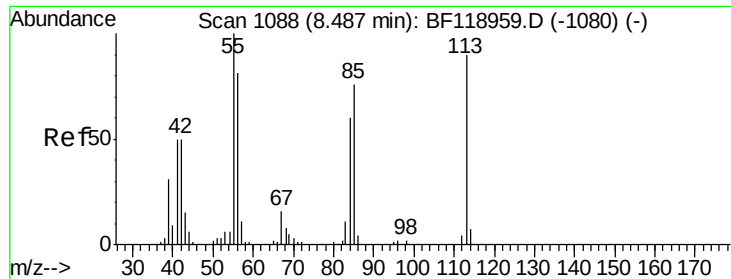
Tot Ion:	127	Resp:	604426
Ion	Ratio	Lower	Upper
127	100		
129	32.9	25.9	38.9
65	27.7	23.9	35.9
92	19.7	16.3	24.5



#34
Hexachlorobutadiene
Concen: 39.204 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF119164.D
Acq: 2 Mar 2020 9:41

Tgt Ion:	225	Resp:	317539
Ion	Ratio	Lower	Upper
225	100		
223	62.2	49.4	74.2
227	64.7	52.9	79.3

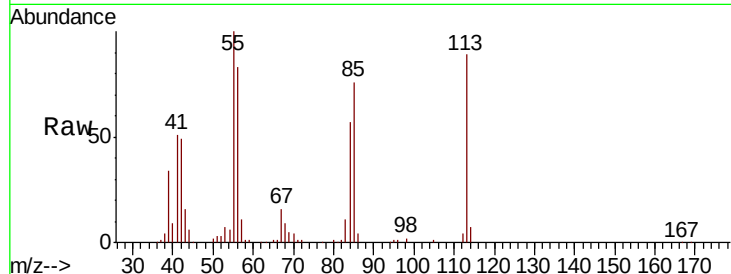




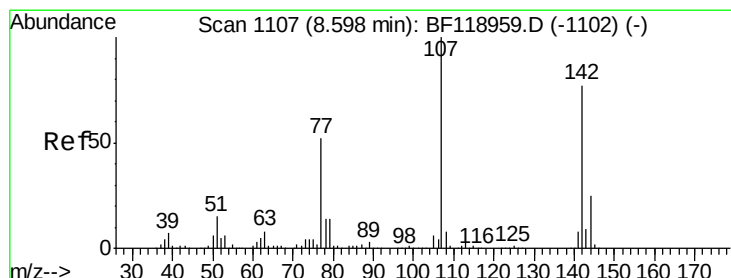
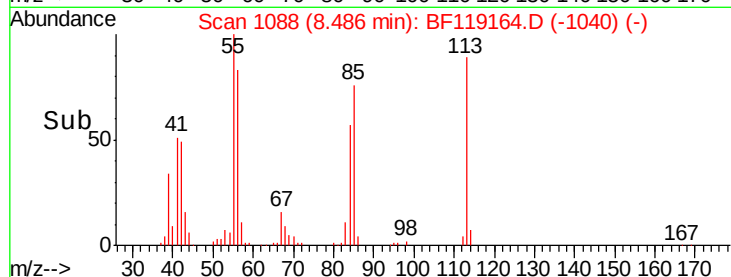
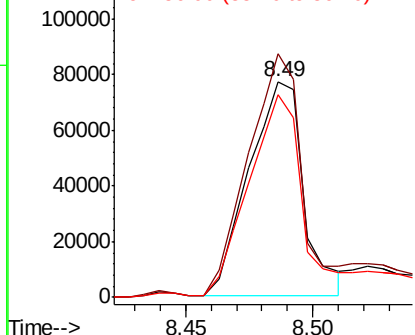
#35
 Caprolactam
 Concen: 34.180 ng
 RT: 8.49 min Scan# 1088
 Delta R.T. -0.02 min
 Lab File: BF119164.D
 Acq: 2 Mar 2020 9:41

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:113 Resp: 115422
 Ion Ratio Lower Upper
 113 100
 55 112.8 95.7 135.7
 56 93.6 73.1 113.1

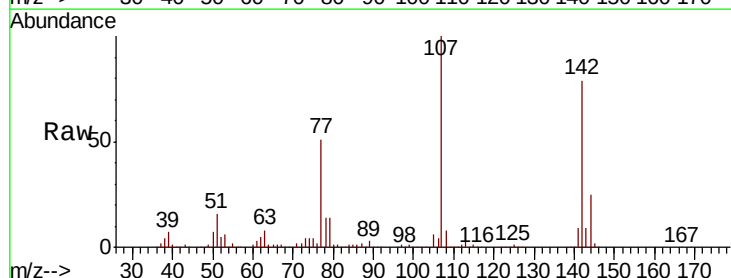


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

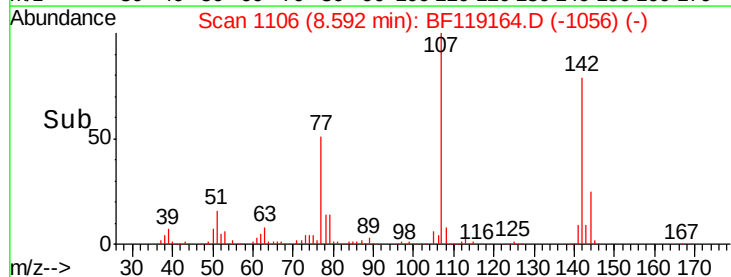
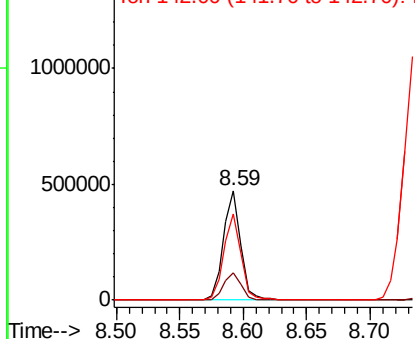


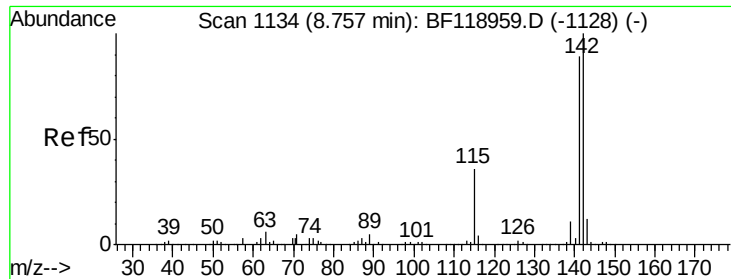
#36
 4-Chloro-3-methylphenol
 Concen: 40.691 ng
 RT: 8.59 min Scan# 1106
 Delta R.T. -0.01 min
 Lab File: BF119164.D
 Acq: 2 Mar 2020 9:41

Tgt Ion:107 Resp: 451639
 Ion Ratio Lower Upper
 107 100
 144 25.4 20.1 30.1
 142 78.9 61.4 92.2



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

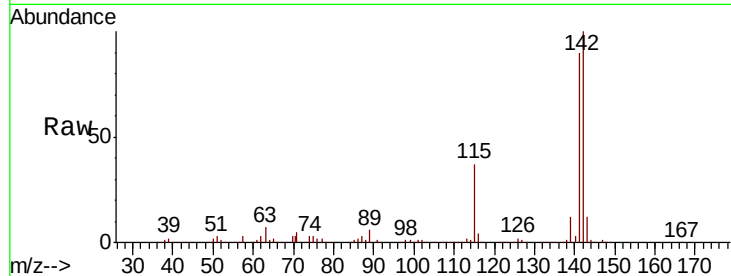




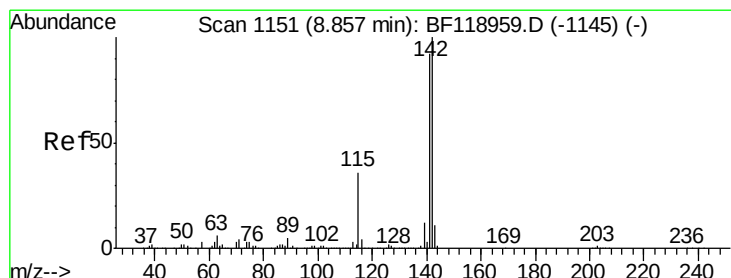
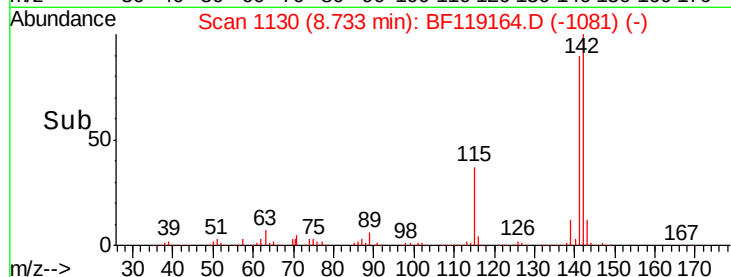
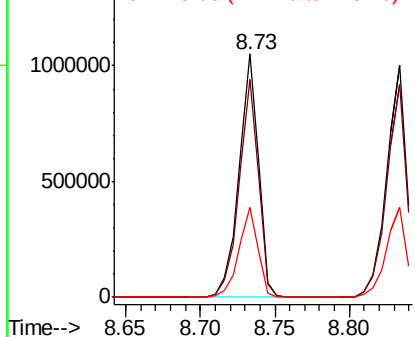
#37
 2-Methylnaphthalene
 Concen: 39.527 ng
 RT: 8.73 min Scan# 1130
 Delta R.T. -0.01 min
 Lab File: BF119164.D
 Acq: 2 Mar 2020 9:41

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.7	72.3	108.5
115	37.2	30.6	45.8

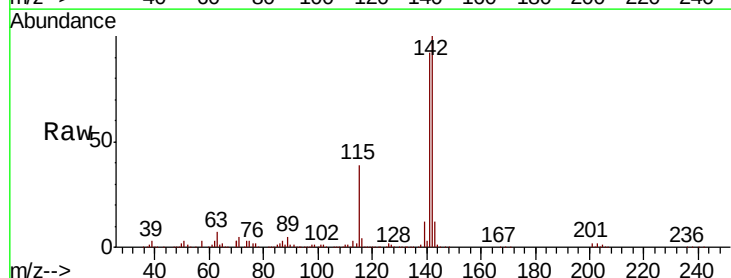


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

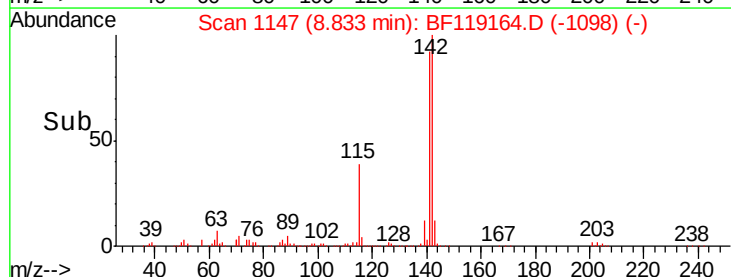
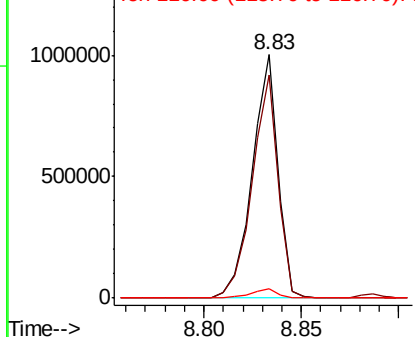


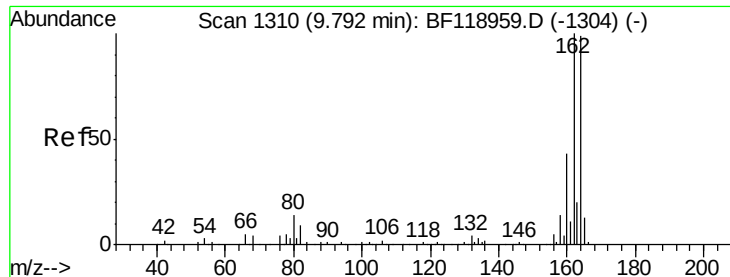
#38
 1-Methylnaphthalene
 Concen: 39.987 ng
 RT: 8.83 min Scan# 1147
 Delta R.T. -0.01 min
 Lab File: BF119164.D
 Acq: 2 Mar 2020 9:41

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.7	75.8	113.6
116	4.1	3.1	4.7



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

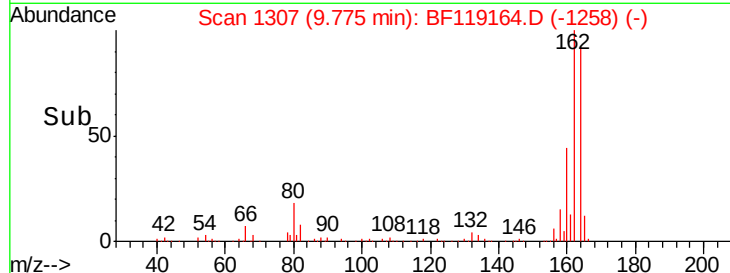
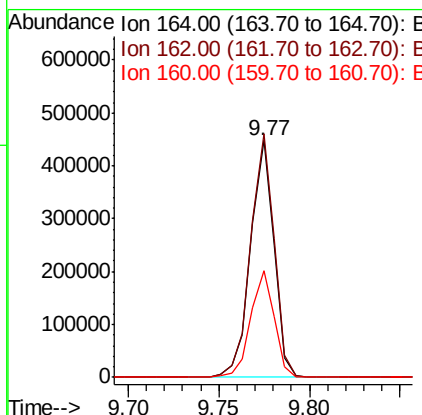
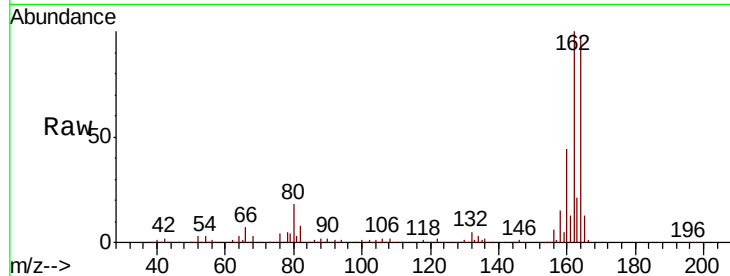




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.77 min Scan# 1307
 Delta R.T. -0.01 min
 Lab File: BF119164.D
 Acq: 2 Mar 2020 9:41

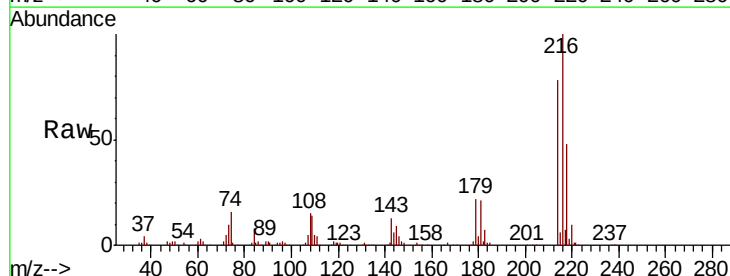
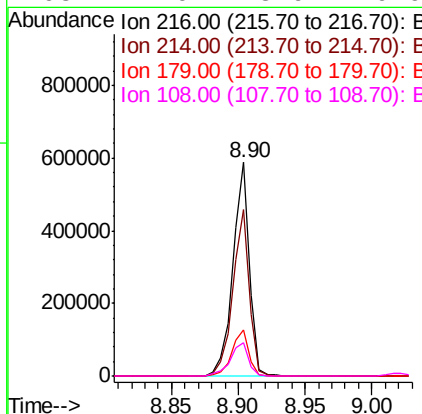
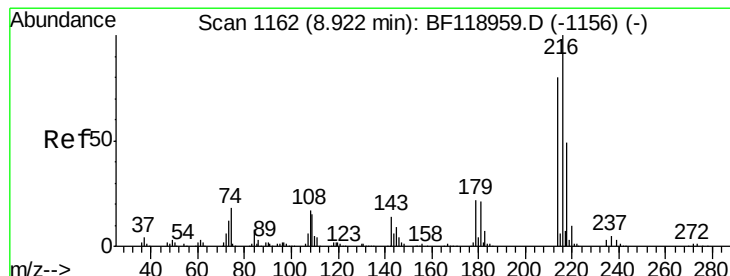
Instrument :
 BNA_F
 ClientSampleId :

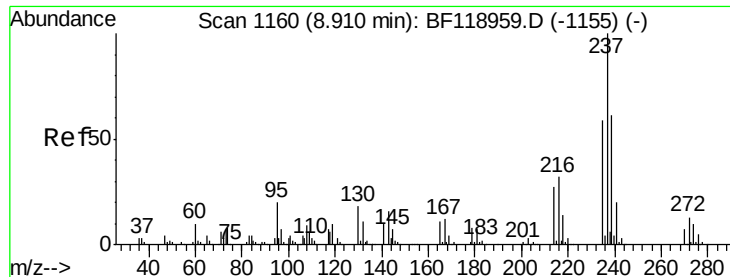
Tot Ion:164 Resp: 402623
 Ion Ratio Lower Upper
 164 100
 162 102.8 81.8 122.8
 160 44.9 36.0 54.0



#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 37.750 ng
 RT: 8.90 min Scan# 1159
 Delta R.T. -0.01 min
 Lab File: BF119164.D
 Acq: 2 Mar 2020 9:41

Tgt Ion:216 Resp: 512443
 Ion Ratio Lower Upper
 216 100
 214 78.2 63.3 94.9
 179 22.0 17.7 26.5
 108 17.0 13.9 20.9

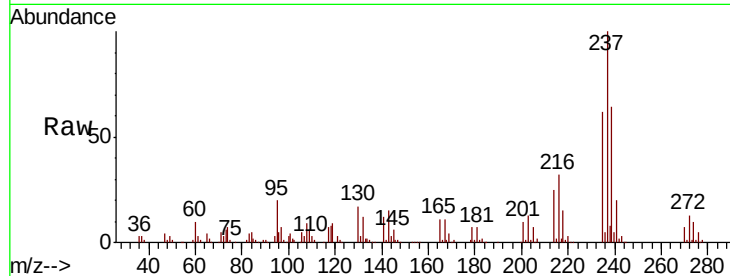




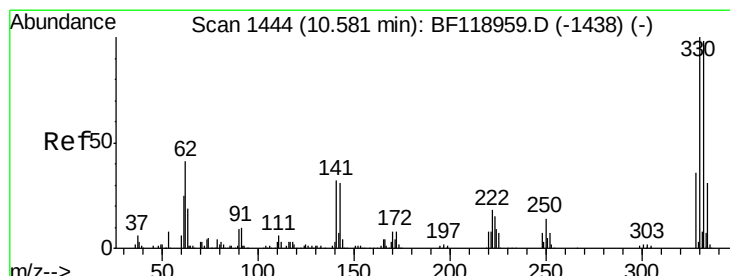
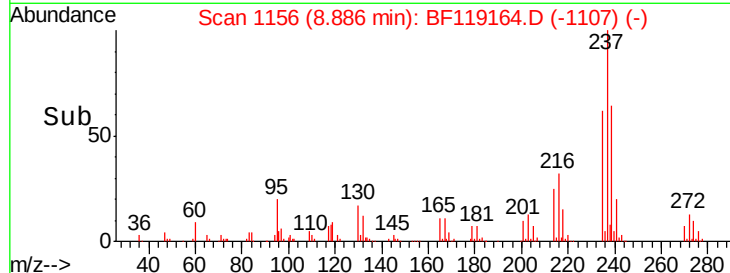
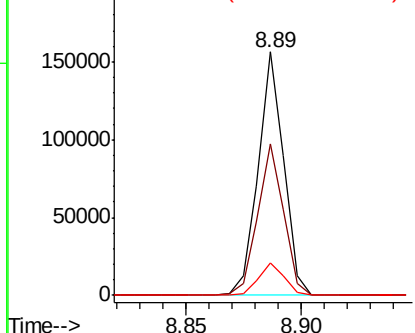
#41
Hexachlorocyclopentadiene
Concen: 31.016 ng
RT: 8.89 min Scan# 1156
Delta R.T. -0.01 min
Lab File: BF119164.D
Acq: 2 Mar 2020 9:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion:237 Resp: 121051
Ion Ratio Lower Upper
237 100
235 62.0 42.3 82.3
272 13.3 0.0 33.5

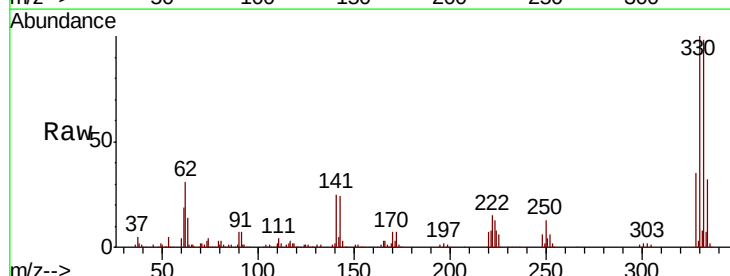


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

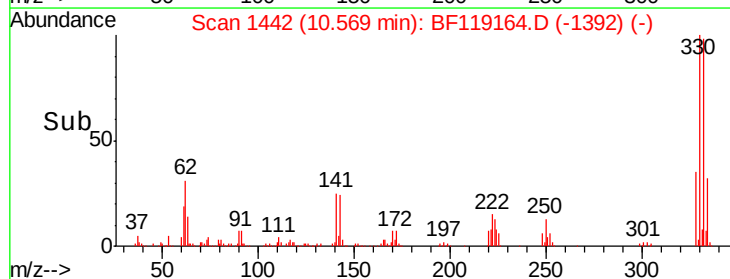
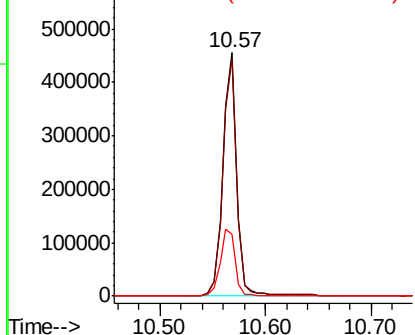


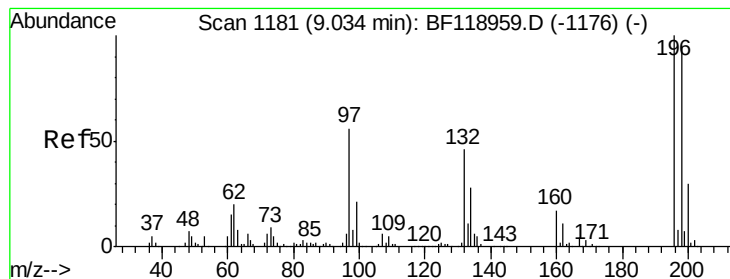
#42
2,4,6-Tribromophenol
Concen: 80.328 ng
RT: 10.57 min Scan# 1442
Delta R.T. -0.01 min
Lab File: BF119164.D
Acq: 2 Mar 2020 9:41

Tgt Ion:330 Resp: 423085
Ion Ratio Lower Upper
330 100
332 97.8 76.0 114.0
141 30.1 22.9 34.3



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: 38.111 ng

RT: 9.02 min Scan# 1179

Delta R.T. -0.01 min

Lab File: BF119164.D

Acq: 2 Mar 2020 9:41

Instrument :

BNA_F

ClientSampleId :

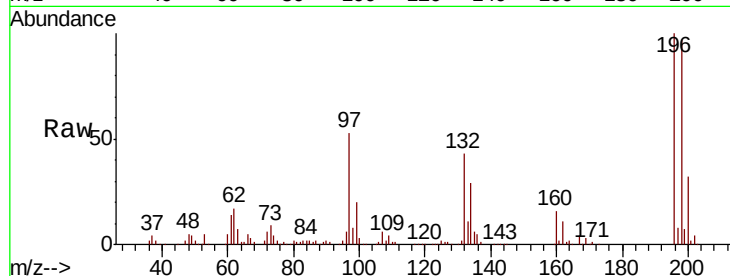
Tot Ion:196 Resp: 326699

Ion Ratio Lower Upper

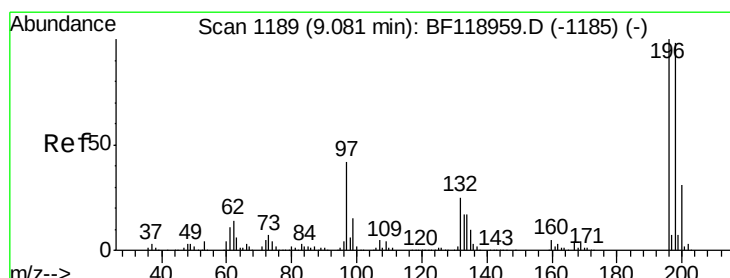
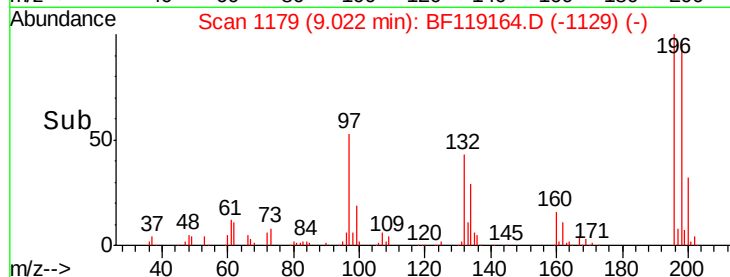
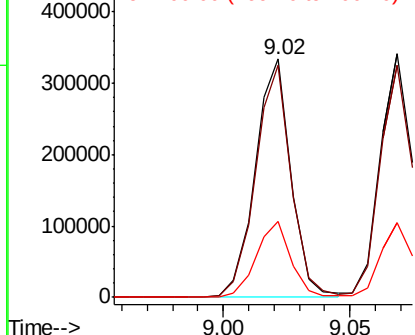
196 100

198 97.3 77.1 115.7

200 31.6 25.0 37.6



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



#44

2,4,5-Trichlorophenol

Concen: 37.261 ng

RT: 9.07 min Scan# 1187

Delta R.T. -0.01 min

Lab File: BF119164.D

Acq: 2 Mar 2020 9:41

Tgt Ion:196 Resp: 335177

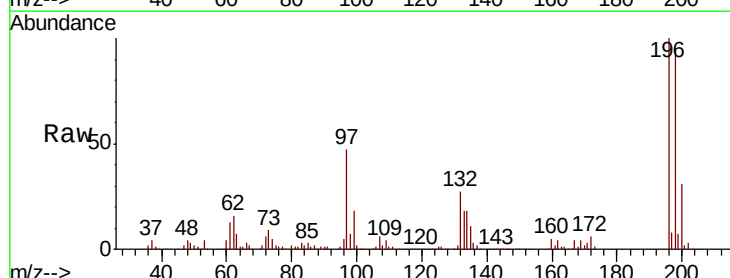
Ion Ratio Lower Upper

196 100

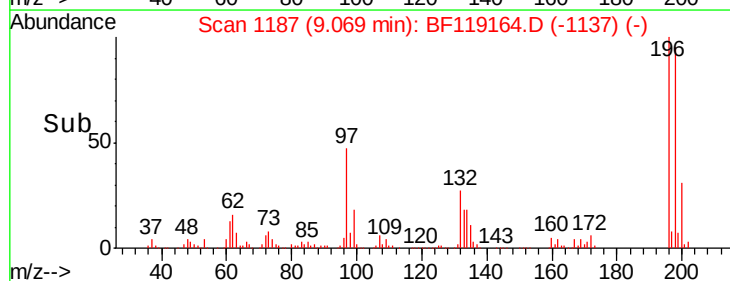
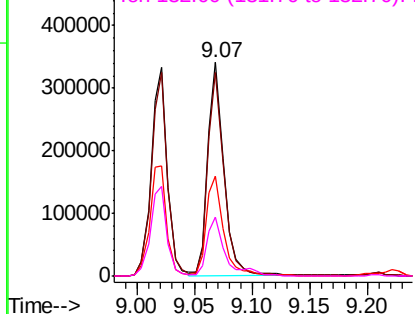
198 95.4 76.8 115.2

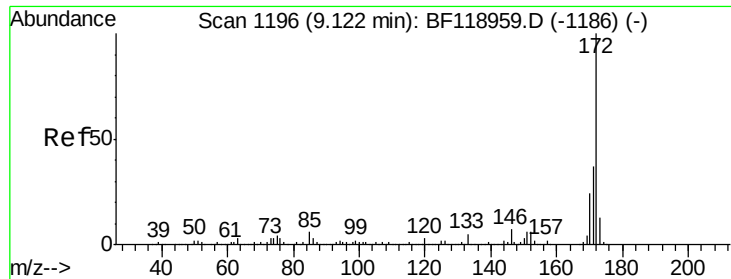
97 46.7 38.5 57.7

132 27.4 22.2 33.4



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

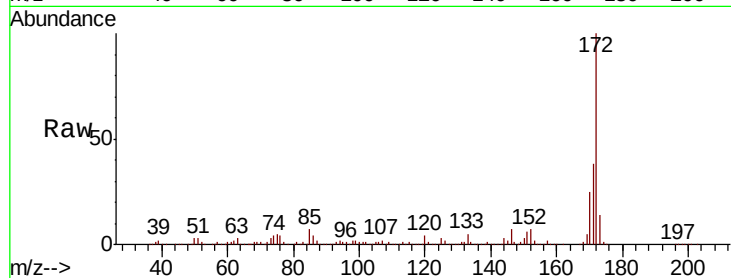




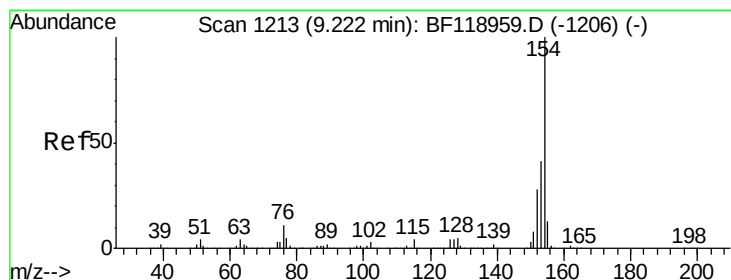
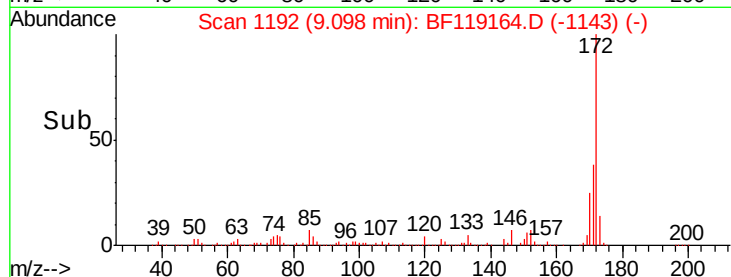
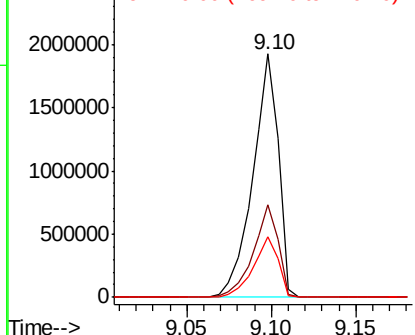
#45
2-Fluorobiphenyl
Concen: 74.249 ng
RT: 9.10 min Scan# 1192
Delta R.T. -0.01 min
Lab File: BF119164.D
Acq: 2 Mar 2020 9:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 2029243
Ion Ratio Lower Upper
172 100
171 38.0 30.6 45.8
170 24.7 20.2 30.2

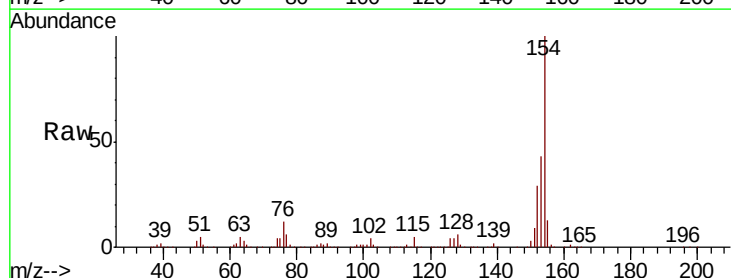


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

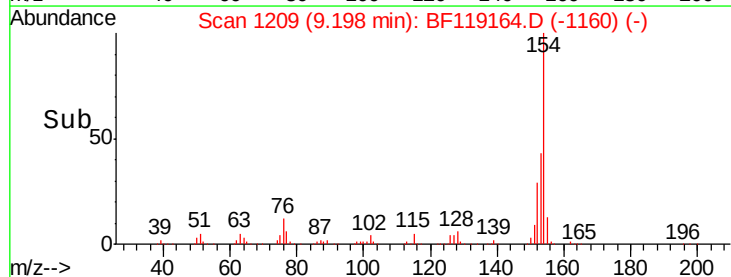
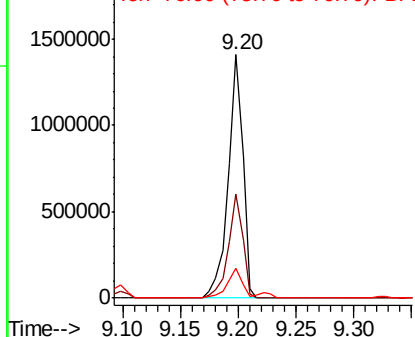


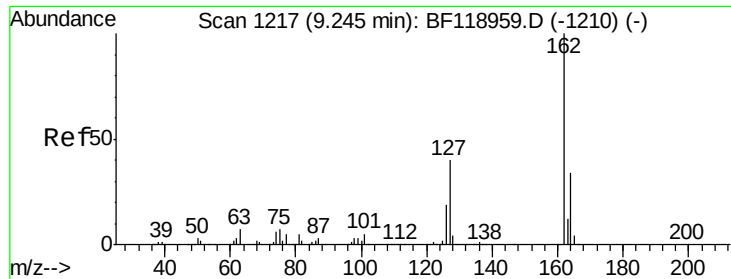
#46
1,1'-Biphenyl
Concen: 38.136 ng
RT: 9.20 min Scan# 1209
Delta R.T. -0.01 min
Lab File: BF119164.D
Acq: 2 Mar 2020 9:41

Tgt Ion:154 Resp: 1240942
Ion Ratio Lower Upper
154 100
153 42.5 22.8 62.8
76 12.2 0.0 32.2



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

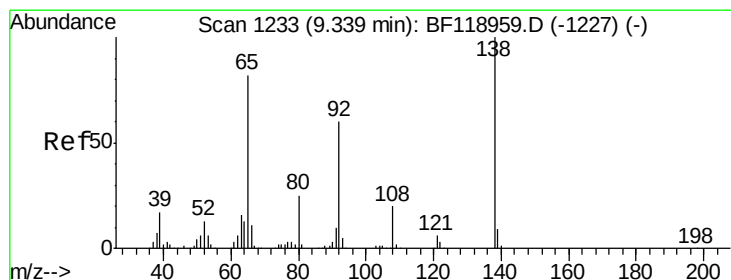
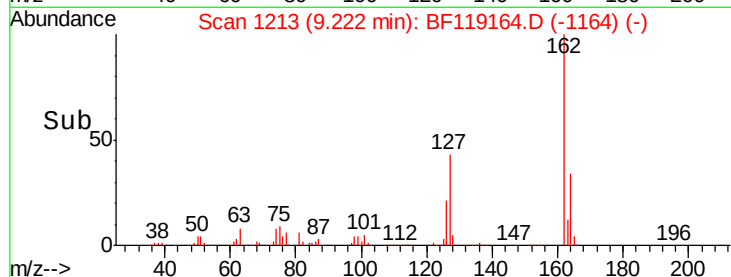
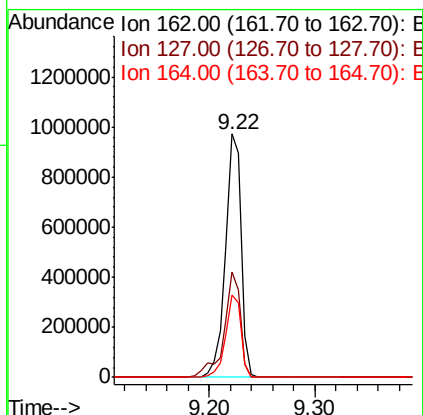
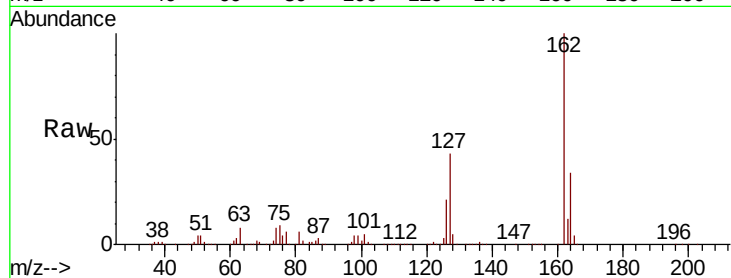




#47
 2-Chloronaphthalene
 Concen: 38.024 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. -0.01 min
 Lab File: BF119164.D
 Acq: 2 Mar 2020 9:41

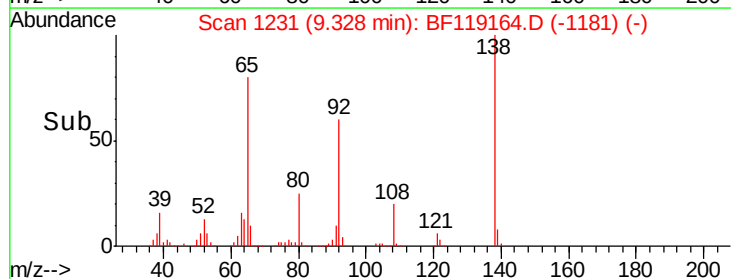
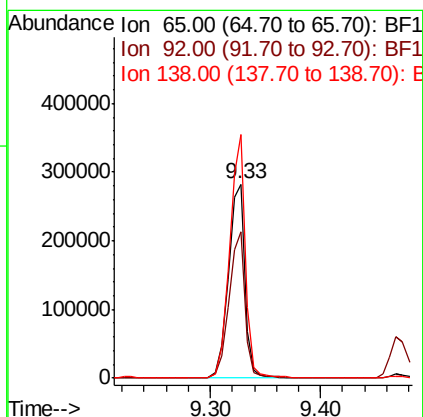
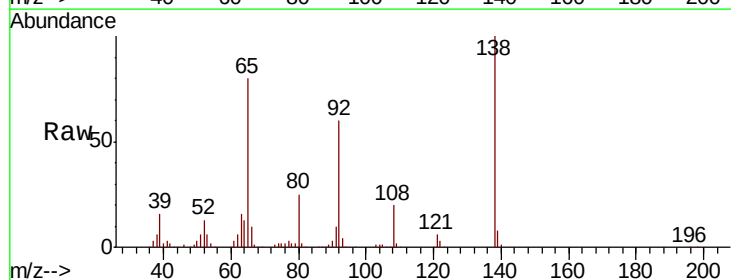
Instrument :
 BNA_F
 ClientSampleId :

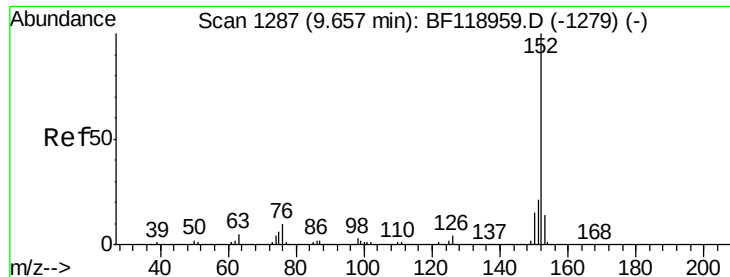
Tot Ion	Ratio	Lower	Upper
162	100		
127	43.3	35.0	52.4
164	33.7	27.2	40.8



#48
 2-Nitroaniline
 Concen: 40.727 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. -0.01 min
 Lab File: BF119164.D
 Acq: 2 Mar 2020 9:41

Tgt Ion	Ratio	Lower	Upper
65	100		
92	75.4	58.2	87.2
138	125.4	95.6	143.4





#49

Acenaphthylene

Concen: 37.783 ng

RT: 9.64 min Scan# 1284

Delta R.T. -0.01 min

Lab File: BF119164.D

Acq: 2 Mar 2020 9:41

Instrument :

BNA_F

ClientSampleId :

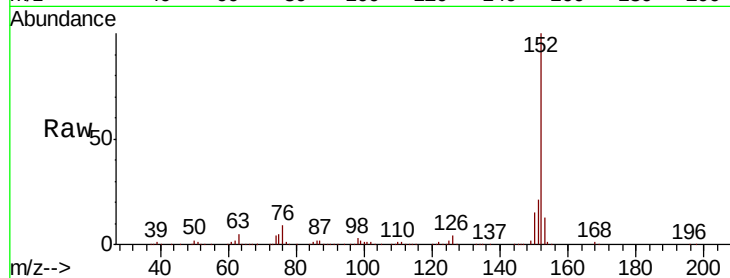
Tot Ion:152 Resp: 1430941

Ion Ratio Lower Upper

152 100

151 20.9 16.9 25.3

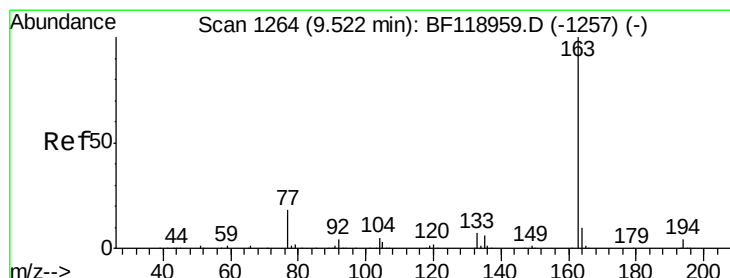
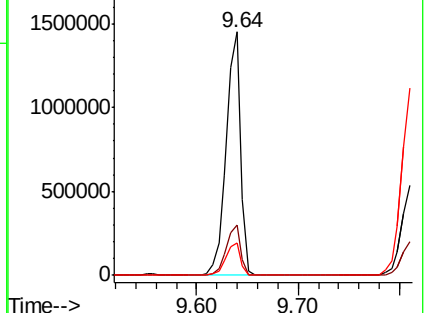
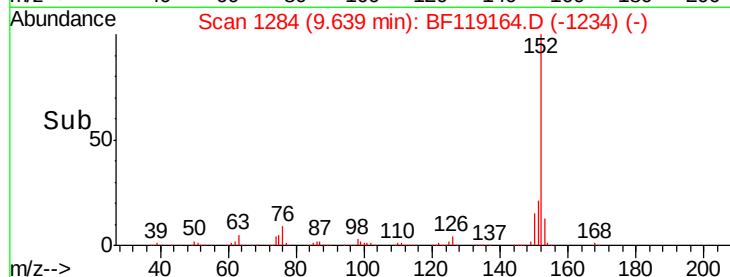
153 13.3 11.0 16.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 40.343 ng

RT: 9.50 min Scan# 1261

Delta R.T. -0.01 min

Lab File: BF119164.D

Acq: 2 Mar 2020 9:41

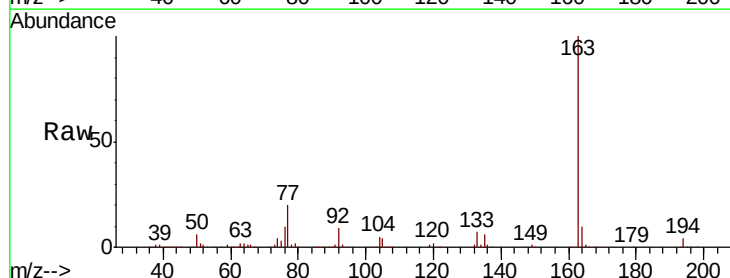
Tgt Ion:163 Resp: 1242070

Ion Ratio Lower Upper

163 100

194 4.2 3.5 5.3

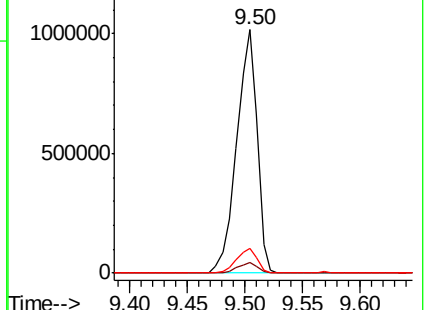
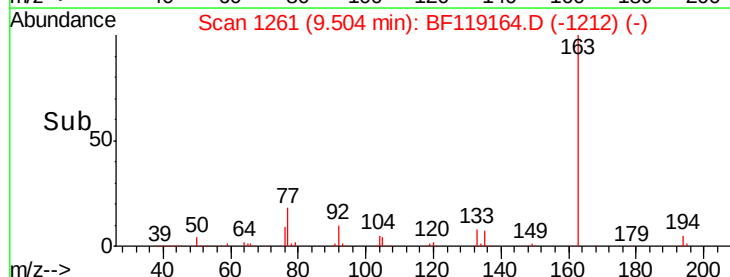
164 10.2 8.4 12.6

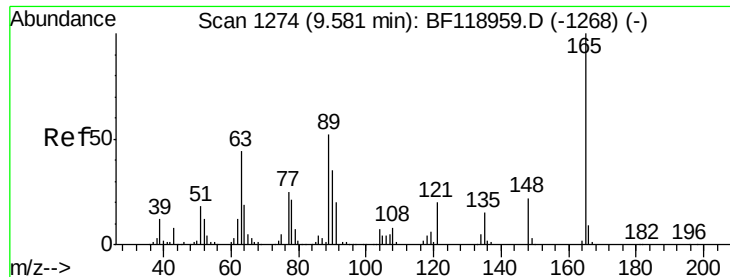


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

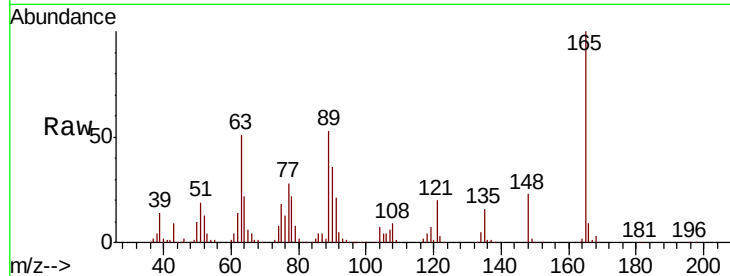




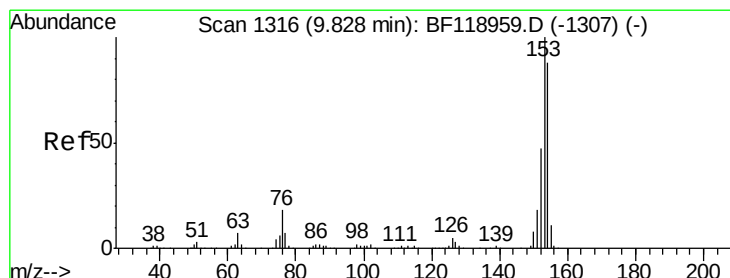
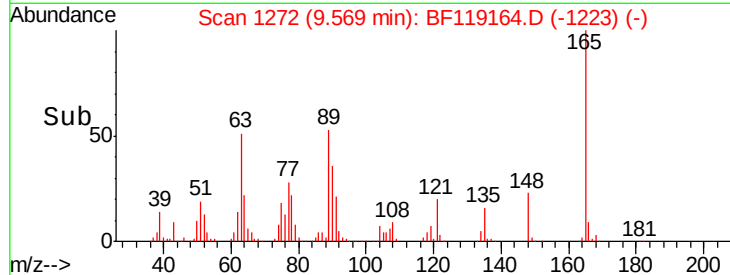
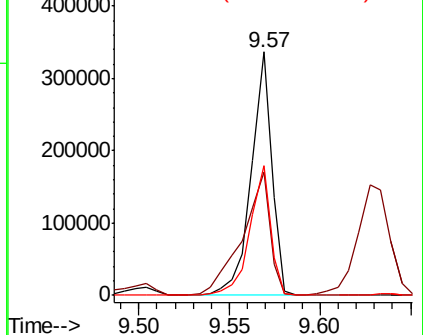
#51
 2,6-Dinitrotoluene
 Concen: 39.202 ng
 RT: 9.57 min Scan# 1272
 Delta R.T. -0.01 min
 Lab File: BF119164.D
 Acq: 2 Mar 2020 9:41

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:165 Resp: 268146
 Ion Ratio Lower Upper
 165 100
 63 50.9 34.3 51.5
 89 53.4 38.3 57.5

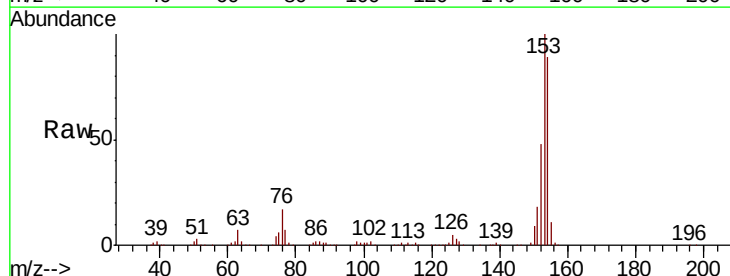


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

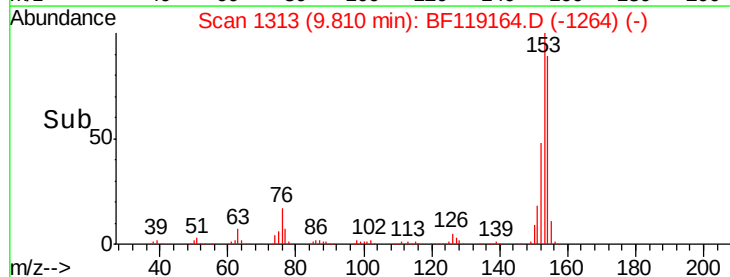
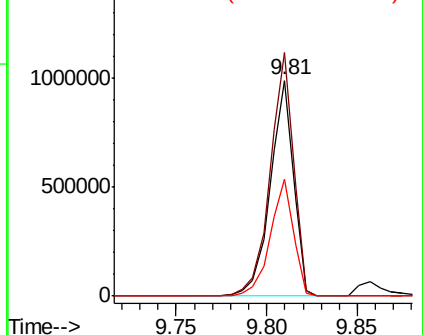


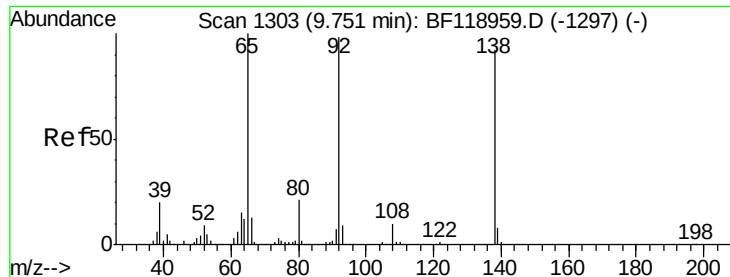
#52
 Acenaphthene
 Concen: 38.547 ng
 RT: 9.81 min Scan# 1313
 Delta R.T. -0.01 min
 Lab File: BF119164.D
 Acq: 2 Mar 2020 9:41

Tgt Ion:154 Resp: 880300
 Ion Ratio Lower Upper
 154 100
 153 112.9 90.3 135.5
 152 54.1 43.8 65.8



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

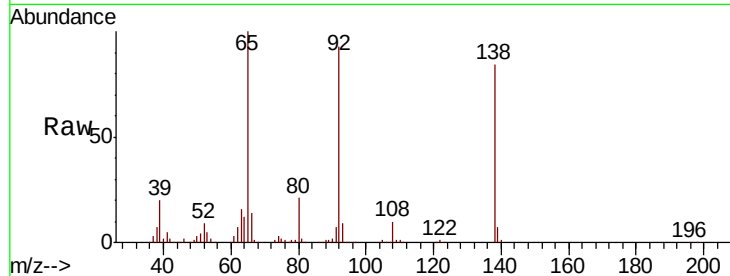




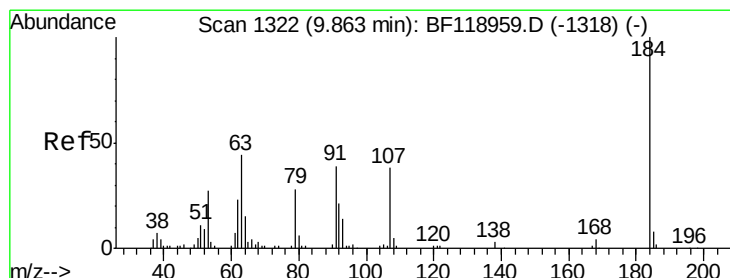
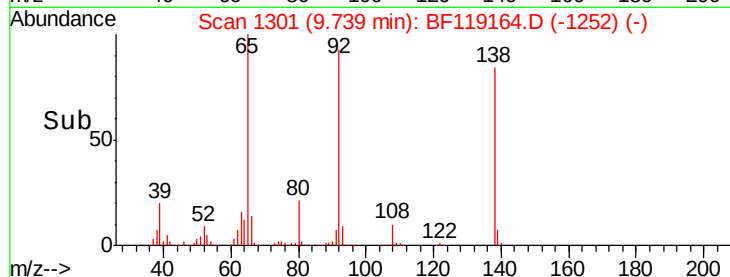
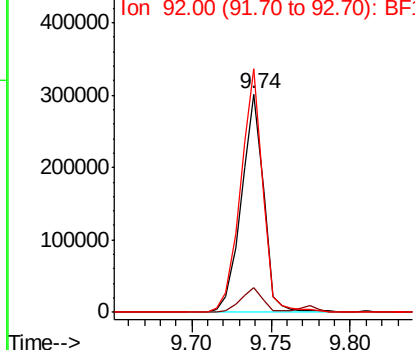
#53
3-Nitroaniline
Concen: 38.595 ng
RT: 9.74 min Scan# 1301
Delta R.T. -0.01 min
Lab File: BF119164.D
Acq: 2 Mar 2020 9:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 292674
Ion Ratio Lower Upper
138 100
108 11.6 8.8 13.2
92 111.5 84.8 127.2

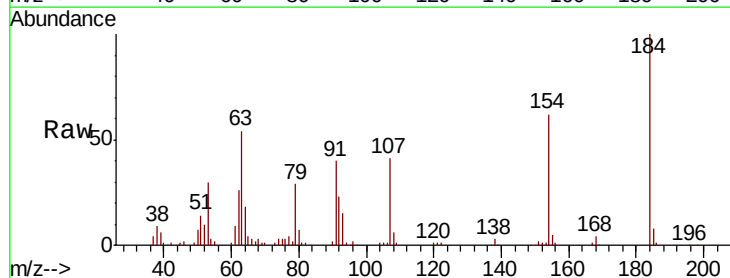


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

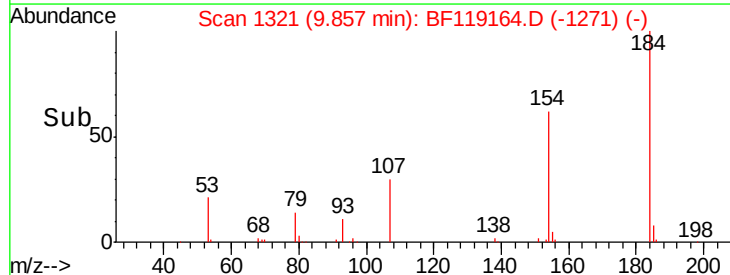
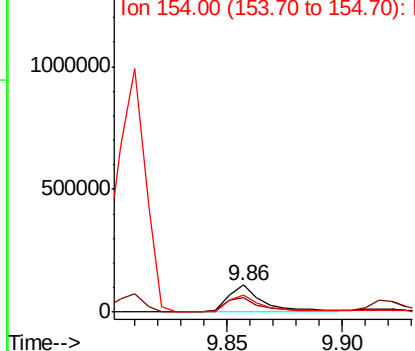


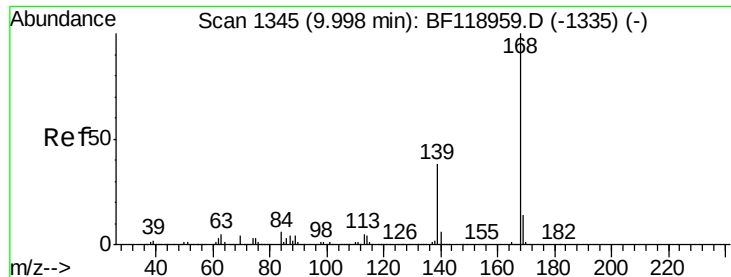
#54
2,4-Dinitrophenol
Concen: 39.429 ng
RT: 9.86 min Scan# 1321
Delta R.T. -0.01 min
Lab File: BF119164.D
Acq: 2 Mar 2020 9:41

Tgt Ion:184 Resp: 117177
Ion Ratio Lower Upper
184 100
63 53.8 38.7 58.1
154 62.2 49.7 74.5



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

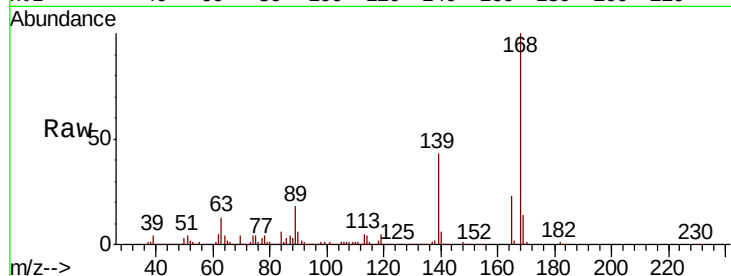




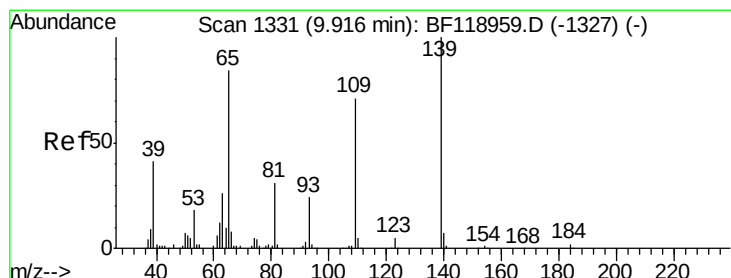
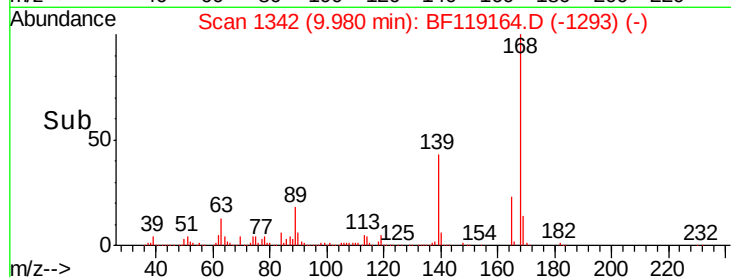
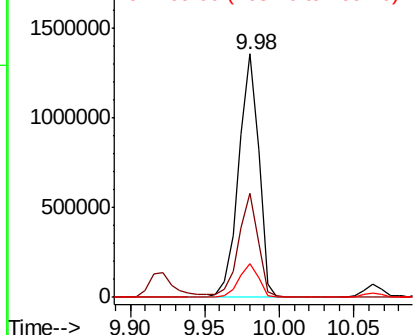
#55
Dibenzofuran
Concen: 37.600 ng
RT: 9.98 min Scan# 1342
Delta R.T. -0.01 min
Lab File: BF119164.D
Acq: 2 Mar 2020 9:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 1281652
Ion Ratio Lower Upper
168 100
139 42.7 34.0 51.0
169 13.6 11.0 16.4

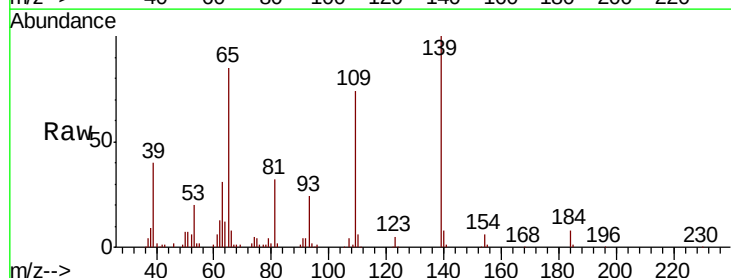


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

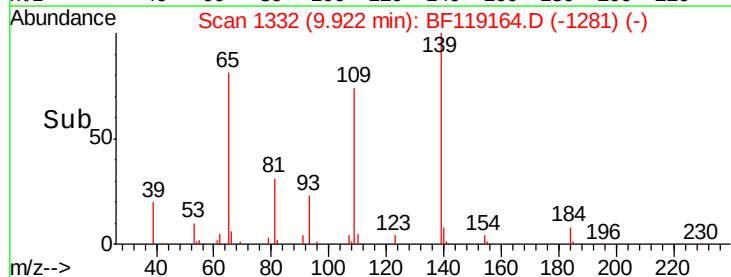
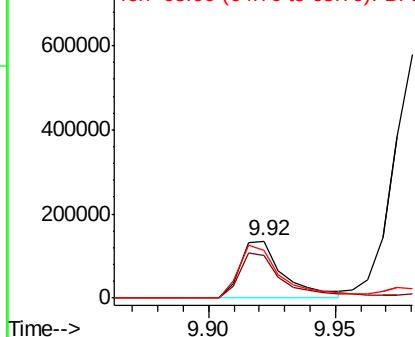


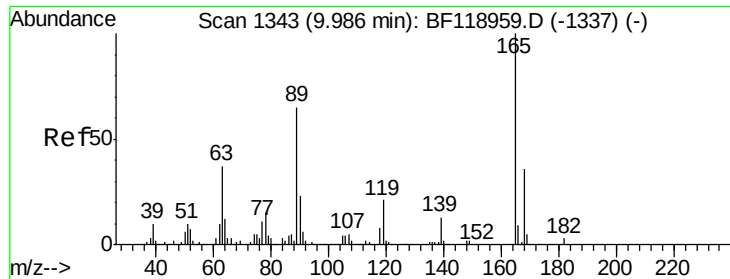
#56
4-Nitrophenol
Concen: 35.886 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.00 min
Lab File: BF119164.D
Acq: 2 Mar 2020 9:41

Tgt Ion:139 Resp: 163502
Ion Ratio Lower Upper
139 100
109 74.0 56.7 96.7
65 84.5 65.0 105.0



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





#57

2,4-Dinitrotoluene

Concen: 38.052 ng

RT: 9.97 min Scan# 1341

Delta R.T. -0.01 min

Lab File: BF119164.D

Acq: 2 Mar 2020 9:41

Instrument :

BNA_F

ClientSampleId :

Tot Ion:165 Resp: 337372

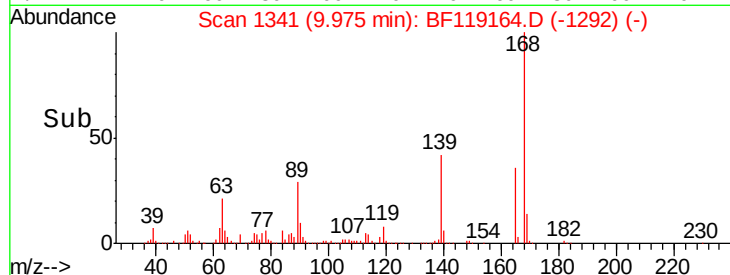
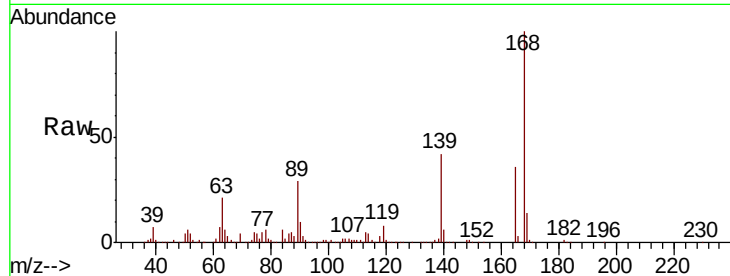
Ion Ratio Lower Upper

165 100

63 57.6 42.3 63.5

89 79.7 60.2 90.4

182 2.7 2.3 3.5

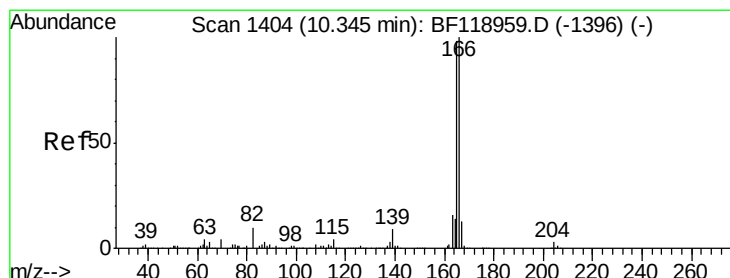
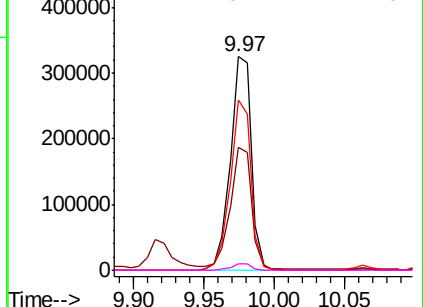


Abundance Ion 165.00 (164.70 to 165.70): E

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: 39.928 ng

RT: 10.32 min Scan# 1400

Delta R.T. -0.01 min

Lab File: BF119164.D

Acq: 2 Mar 2020 9:41

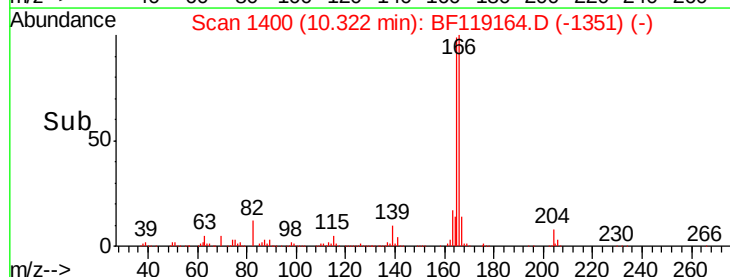
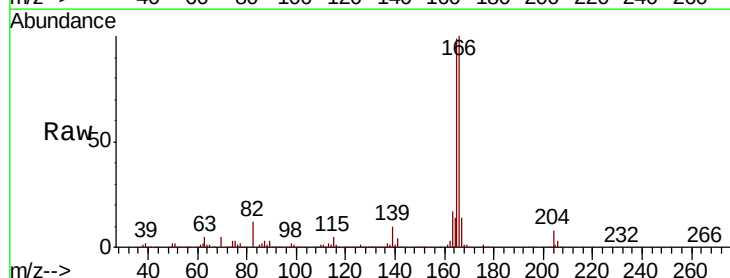
Tgt Ion:166 Resp: 1057569

Ion Ratio Lower Upper

166 100

165 99.2 78.5 117.7

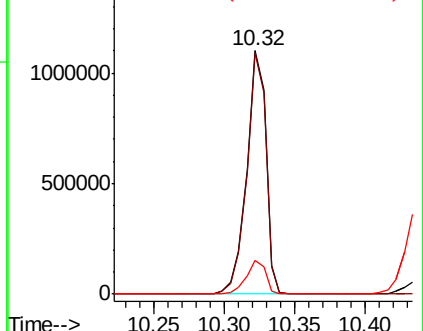
167 13.9 11.0 16.4

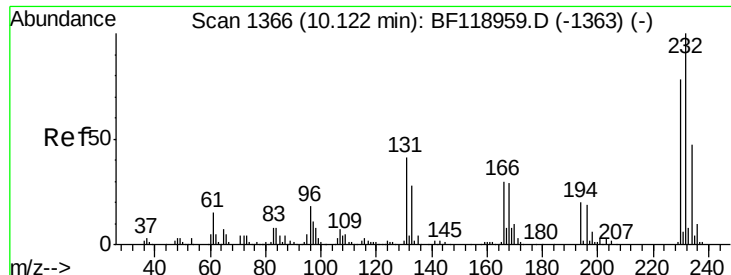


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

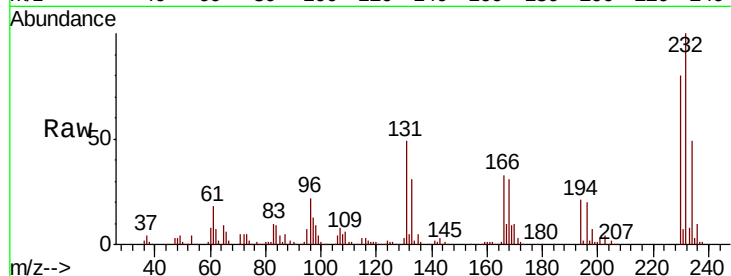




#59
2,3,4,6-Tetrachlorophenol
Concen: 39.273 ng
RT: 10.10 min Scan# 1363
Delta R.T. -0.01 min
Lab File: BF119164.D
Acq: 2 Mar 2020 9:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	44.0	33.8	50.8
130	2.4	1.8	2.6
166	29.5	23.0	34.4



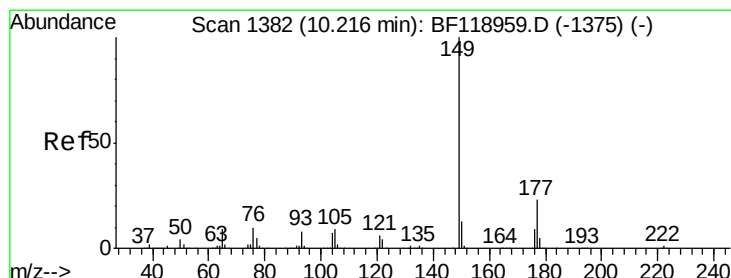
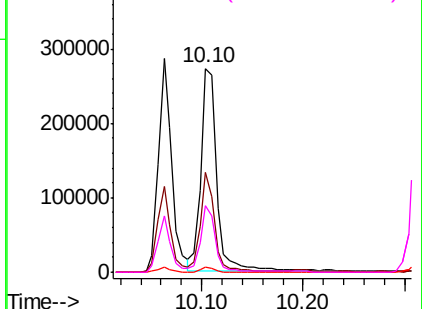
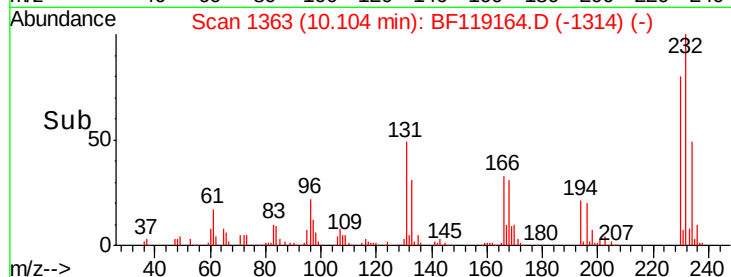
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

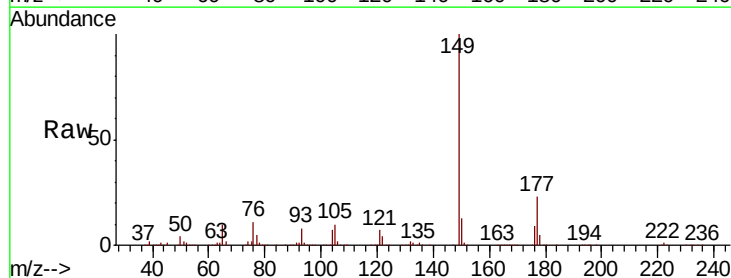
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 41.785 ng
RT: 10.20 min Scan# 1379
Delta R.T. -0.01 min
Lab File: BF119164.D
Acq: 2 Mar 2020 9:41

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.7	18.2	27.2
150	13.1	10.5	15.7

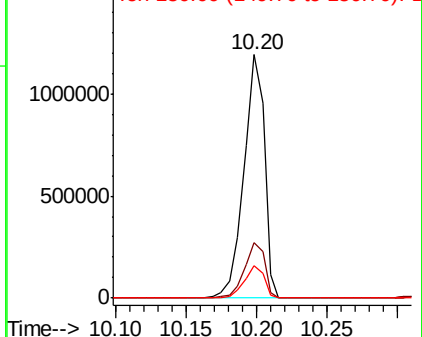
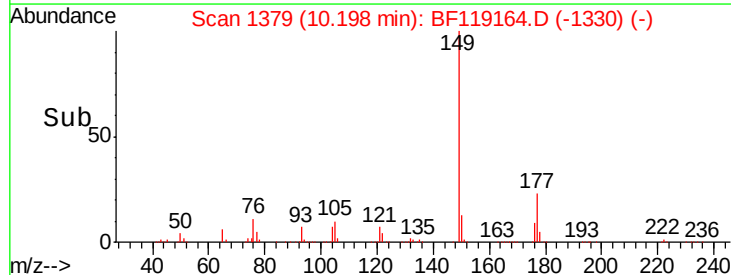


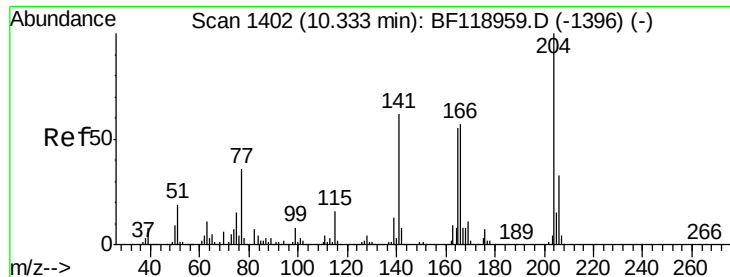
Abundance

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

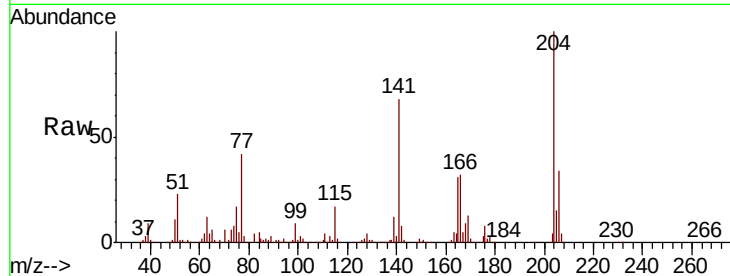




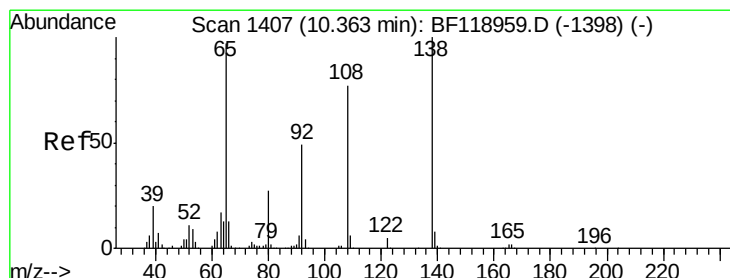
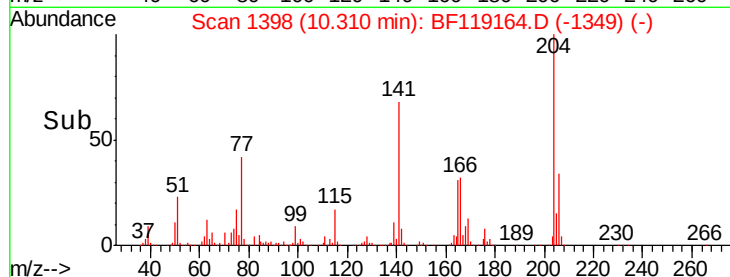
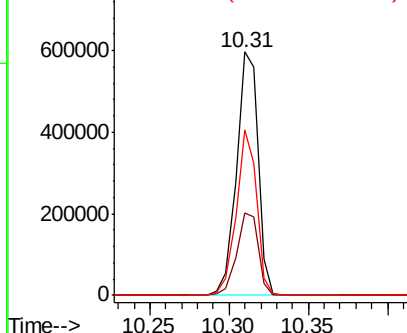
#61
4-Chlorophenyl-phenylether
Concen: 40.298 ng
RT: 10.31 min Scan# 1398
Delta R.T. -0.01 min
Lab File: BF119164.D
Acq: 2 Mar 2020 9:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion:204 Resp: 564971
Ion Ratio Lower Upper
204 100
206 33.9 27.1 40.7
141 67.8 52.9 79.3

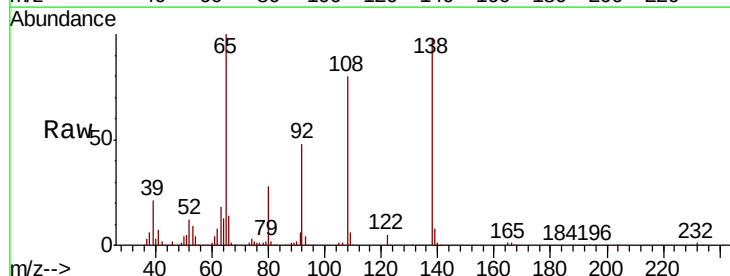


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

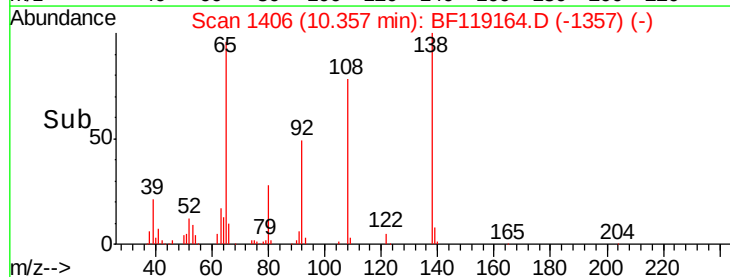
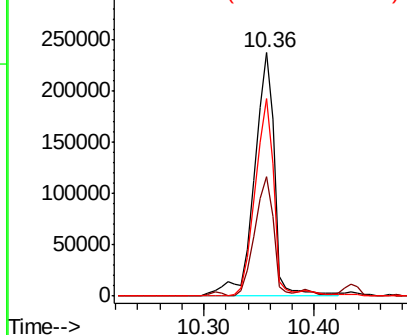


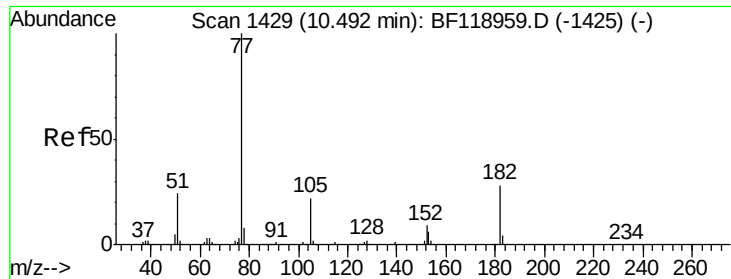
#62
4-Nitroaniline
Concen: 39.209 ng
RT: 10.36 min Scan# 1406
Delta R.T. -0.01 min
Lab File: BF119164.D
Acq: 2 Mar 2020 9:41

Tgt Ion:138 Resp: 304202
Ion Ratio Lower Upper
138 100
92 48.9 27.3 67.3
108 81.1 57.0 97.0



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

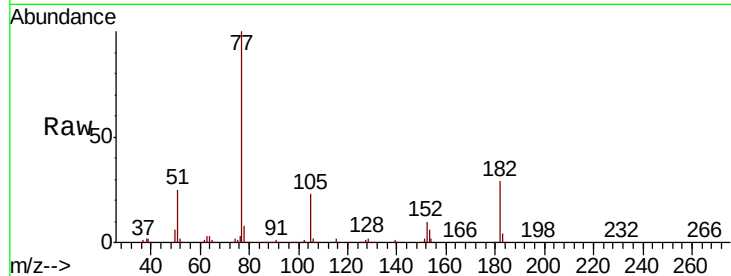




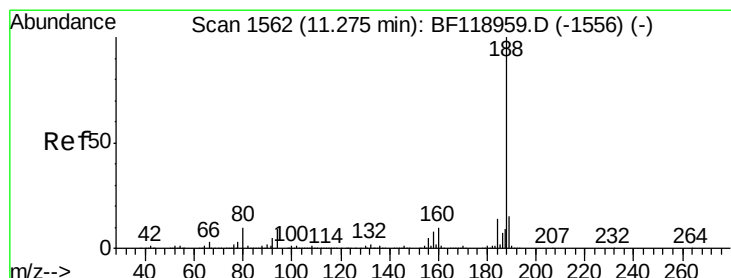
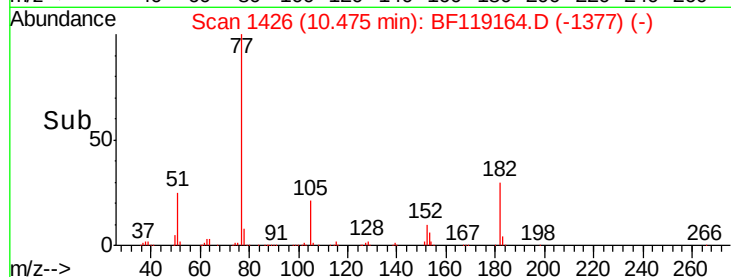
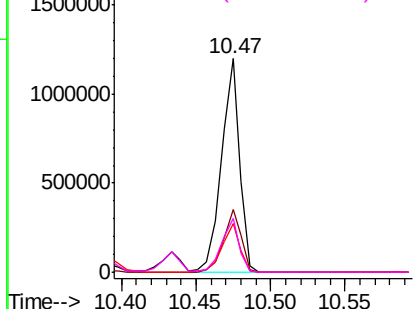
#63
Azobenzene
Concen: 40.741 ng
RT: 10.47 min Scan# 1426
Delta R.T. -0.01 min
Lab File: BF119164.D
Acq: 2 Mar 2020 9:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 77 Resp: 1027460
Ion Ratio Lower Upper
77 100
182 29.5 11.4 51.4
105 22.6 3.4 43.4
51 25.2 5.1 45.1

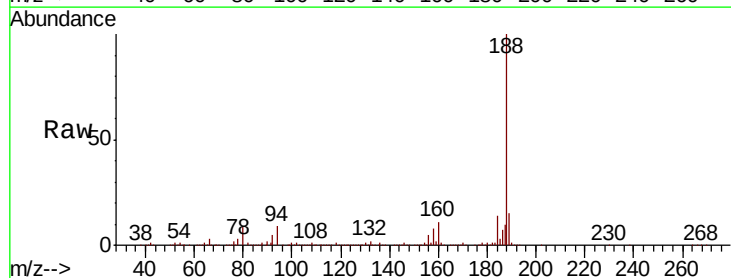


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

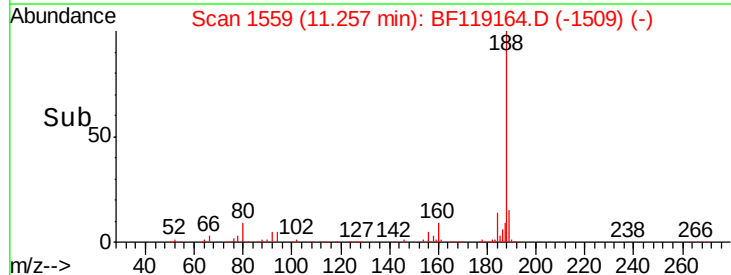
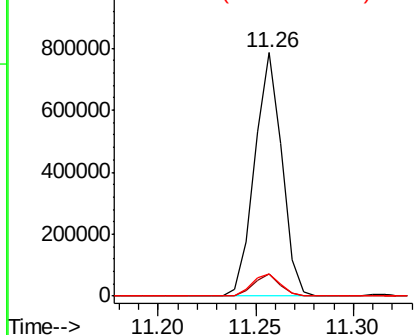


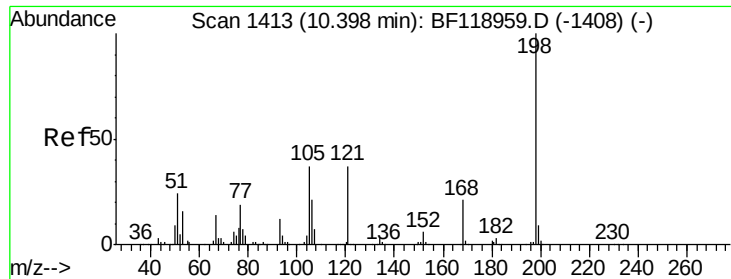
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.26 min Scan# 1559
Delta R.T. -0.01 min
Lab File: BF119164.D
Acq: 2 Mar 2020 9:41

Tgt Ion: 188 Resp: 758371
Ion Ratio Lower Upper
188 100
94 8.9 7.1 10.7
80 9.1 7.8 11.8



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

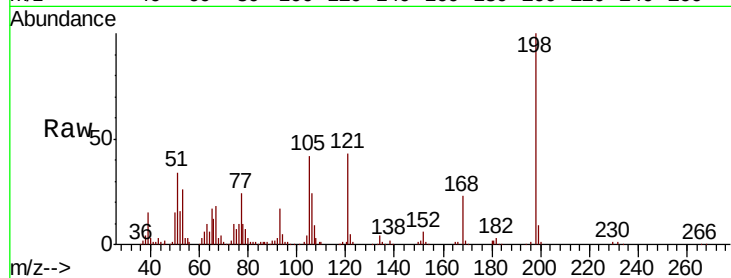




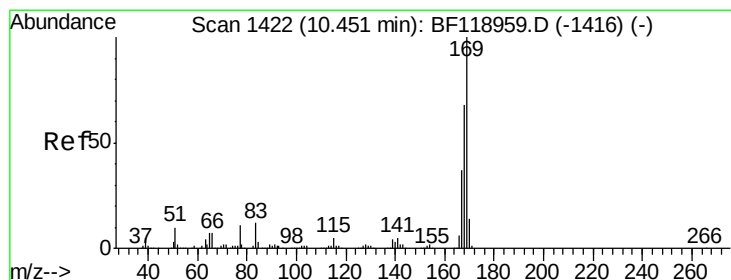
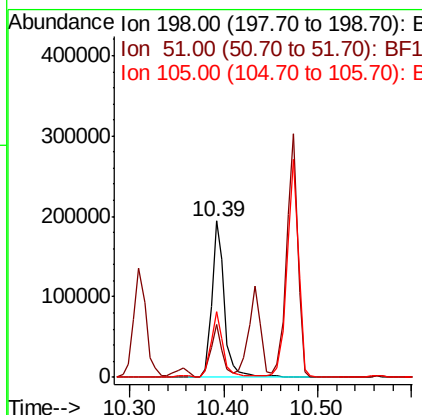
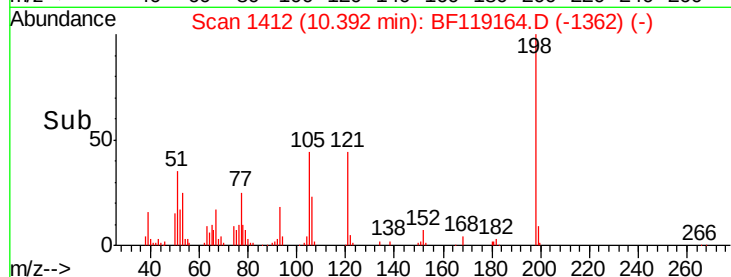
#65
4,6-Dinitro-2-methylphenol
Concen: 40.769 ng
RT: 10.39 min Scan# 1412
Delta R.T. -0.01 min
Lab File: BF119164.D
Acq: 2 Mar 2020 9:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion:198 Resp: 187089
Ion Ratio Lower Upper
198 100
51 33.9 14.2 54.2
105 41.9 22.7 62.7

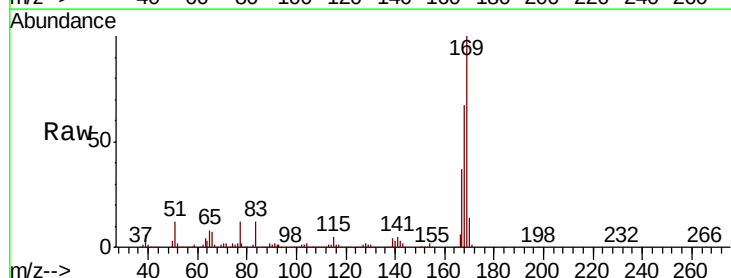


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

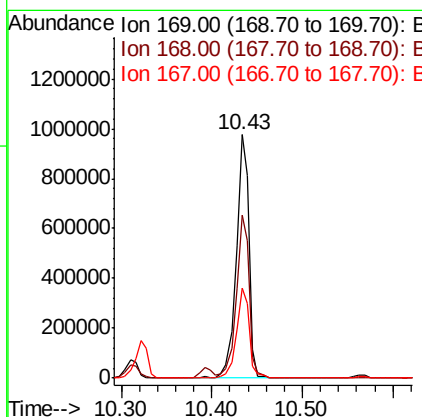
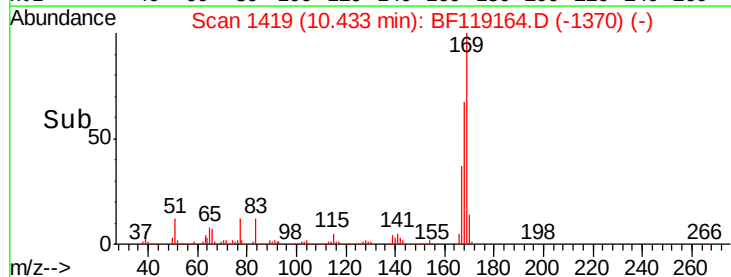


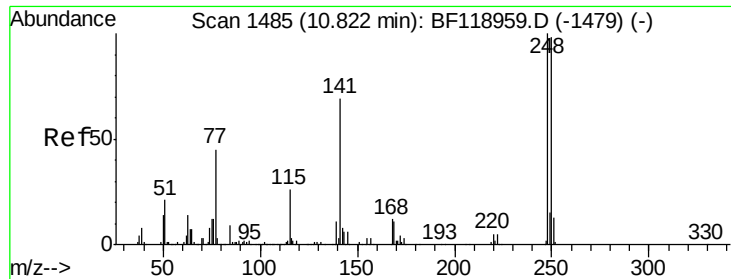
#66
n-Nitrosodiphenylamine
Concen: 38.889 ng
RT: 10.43 min Scan# 1419
Delta R.T. -0.01 min
Lab File: BF119164.D
Acq: 2 Mar 2020 9:41

Tgt Ion:169 Resp: 965685
Ion Ratio Lower Upper
169 100
168 67.0 54.1 81.1
167 36.9 29.4 44.0



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

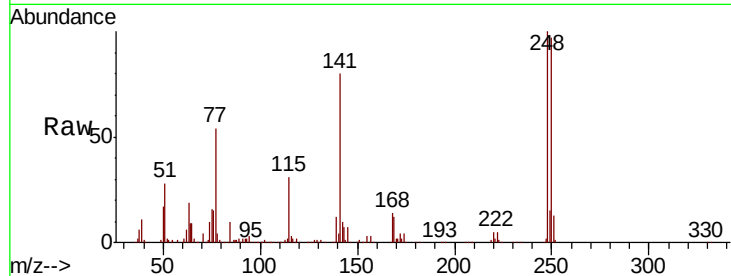




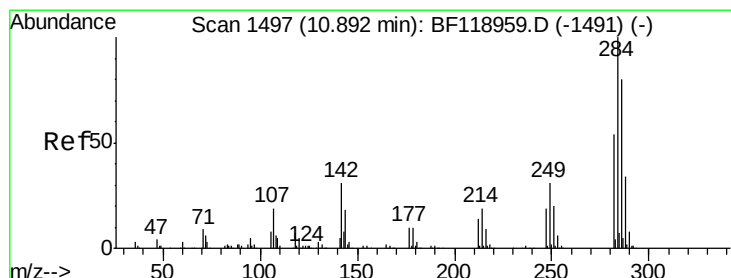
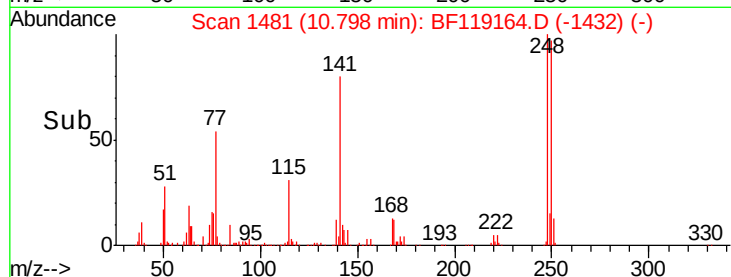
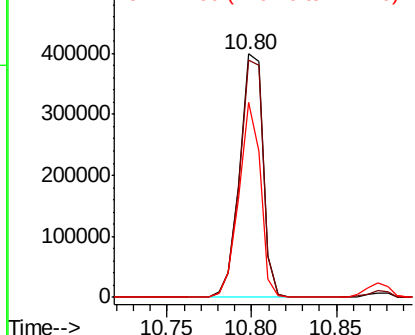
#67
4-Bromophenyl-phenylether
Concen: 38.967 ng
RT: 10.80 min Scan# 1481
Delta R.T. -0.01 min
Lab File: BF119164.D
Acq: 2 Mar 2020 9:41

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 386279
Ion Ratio Lower Upper
248 100
250 97.4 76.7 115.1
141 79.8 60.7 91.1

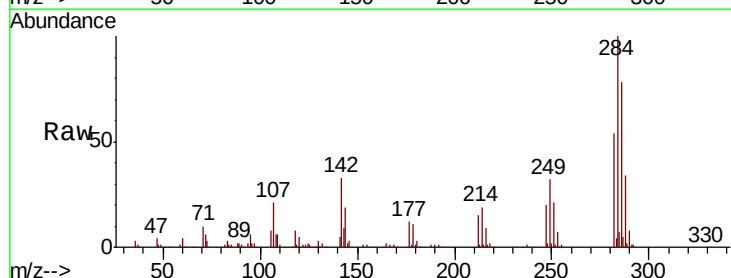


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

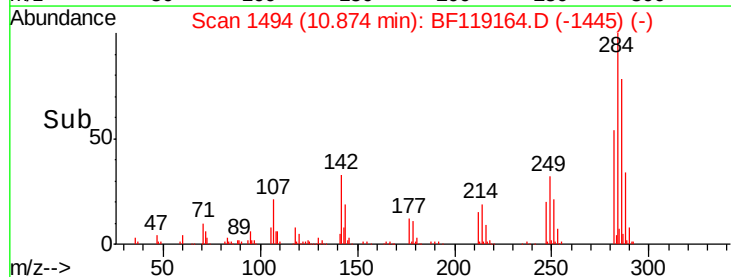
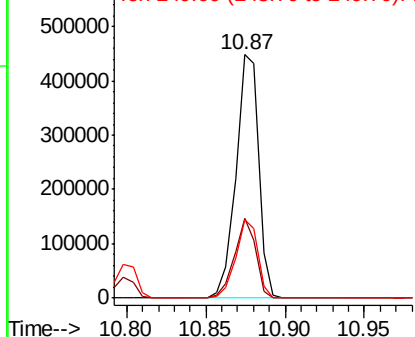


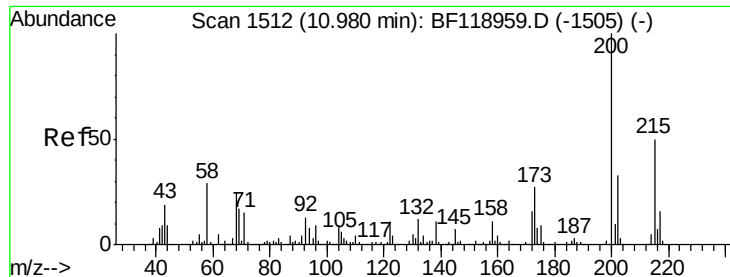
#68
Hexachlorobenzene
Concen: 39.052 ng
RT: 10.87 min Scan# 1494
Delta R.T. -0.01 min
Lab File: BF119164.D
Acq: 2 Mar 2020 9:41

Tgt Ion:284 Resp: 446328
Ion Ratio Lower Upper
284 100
142 33.0 23.7 35.5
249 32.0 25.0 37.6



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





#69

Atrazine

Concen: 38.230 ng

RT: 10.96 min Scan# 1509

Delta R.T. -0.01 min

Lab File: BF119164.D

Acq: 2 Mar 2020 9:41

Instrument :

BNA_F

ClientSampled :

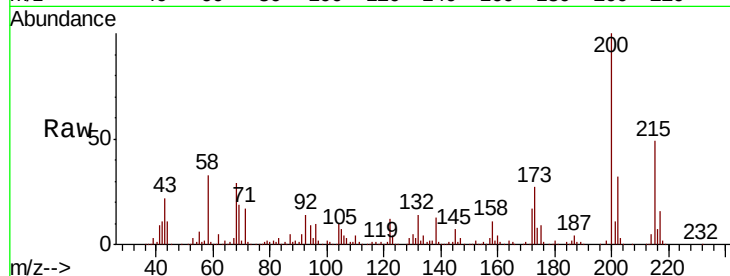
Tot Ion:200 Resp: 331687

Ion Ratio Lower Upper

200 100

173 27.4 6.4 46.4

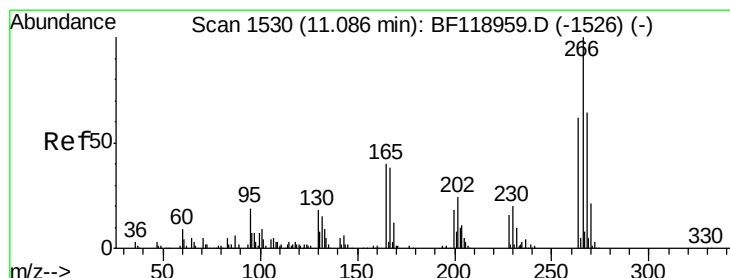
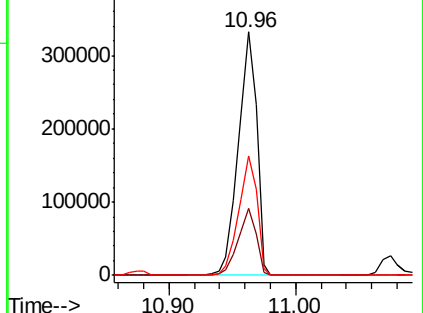
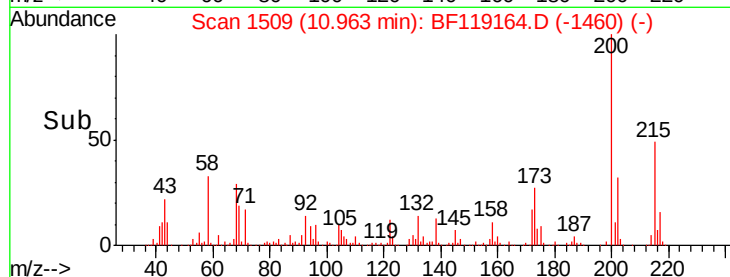
215 48.9 27.4 67.4



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: 38.935 ng

RT: 11.07 min Scan# 1528

Delta R.T. -0.01 min

Lab File: BF119164.D

Acq: 2 Mar 2020 9:41

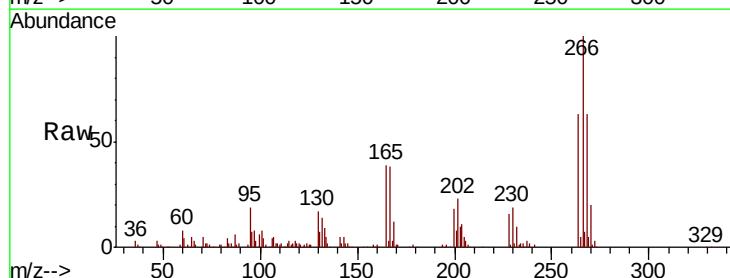
Tgt Ion:266 Resp: 179251

Ion Ratio Lower Upper

266 100

268 63.4 51.9 77.9

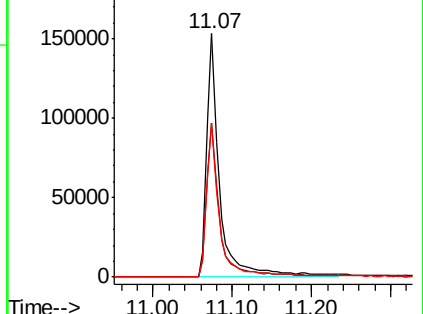
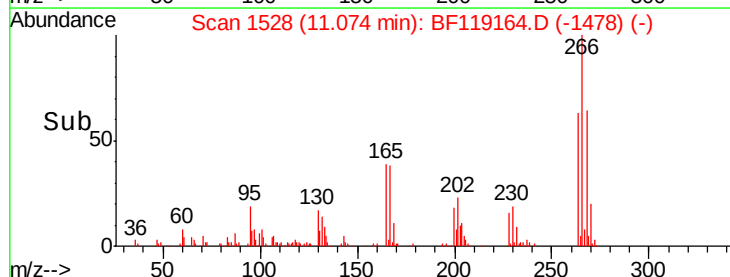
264 63.3 51.0 76.4

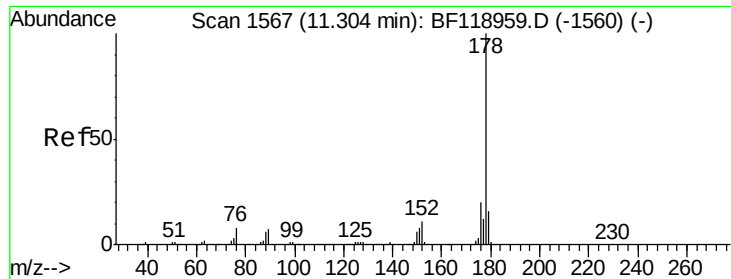


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 37.844 ng

RT: 11.29 min Scan# 1564

Delta R.T. -0.01 min

Lab File: BF119164.D

Acq: 2 Mar 2020 9:41

Instrument :

BNA_F

ClientSampleId :

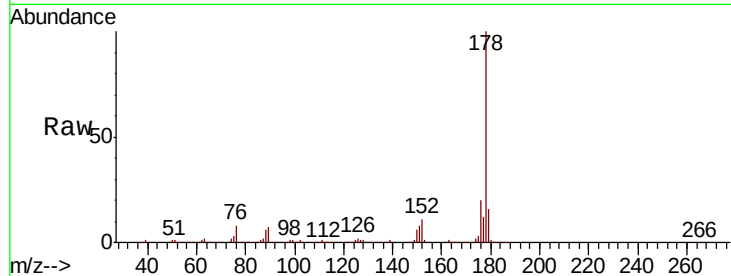
Tot Ion:178 Resp: 1565131

Ion Ratio Lower Upper

178 100

176 20.3 16.5 24.7

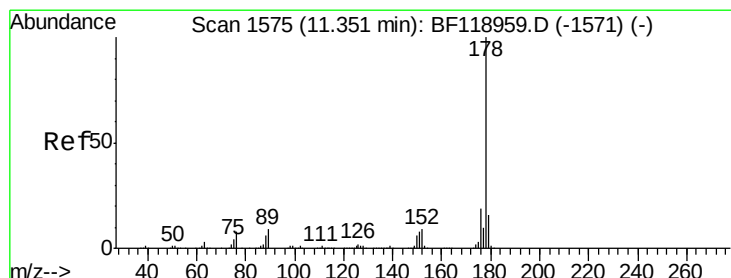
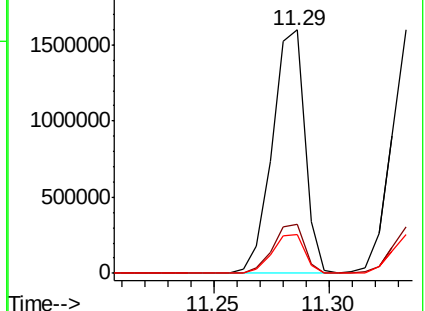
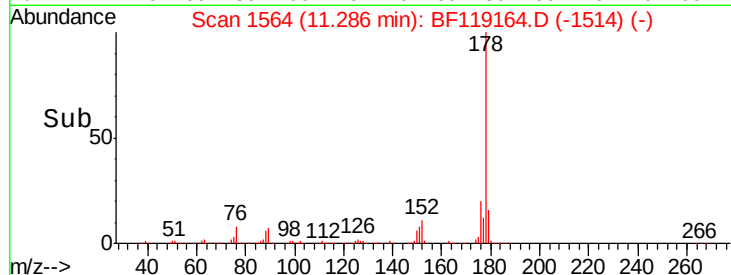
179 15.8 13.0 19.6



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 38.685 ng

RT: 11.33 min Scan# 1572

Delta R.T. -0.01 min

Lab File: BF119164.D

Acq: 2 Mar 2020 9:41

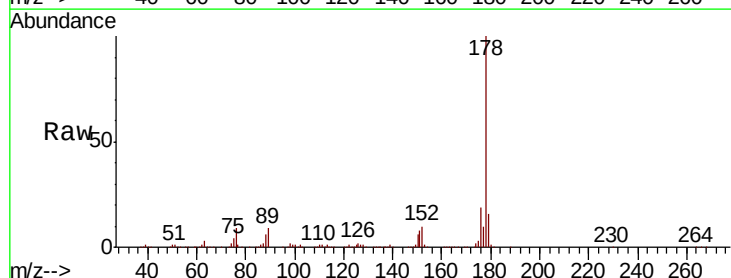
Tgt Ion:178 Resp: 1598602

Ion Ratio Lower Upper

178 100

176 19.3 16.0 24.0

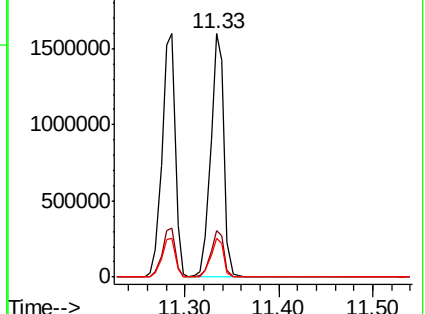
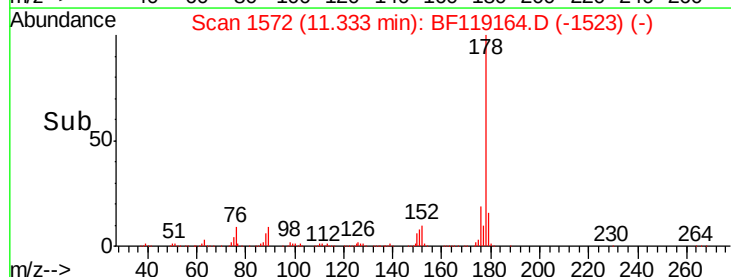
179 16.1 13.1 19.7

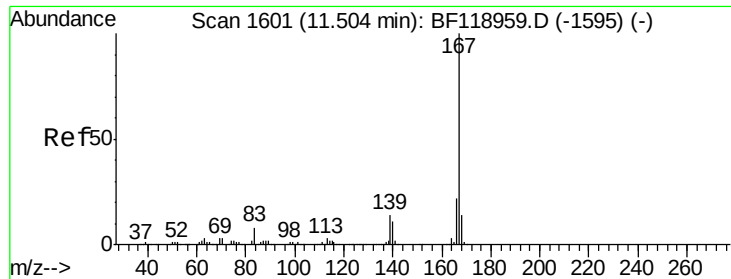


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



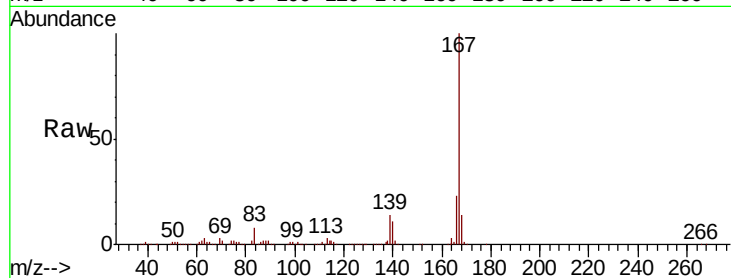


#73
 Carbazole
 Concen: 38.646 ng
 RT: 11.49 min Scan# 1599
 Delta R.T. -0.01 min
 Lab File: BF119164.D
 Acq: 2 Mar 2020 9:41

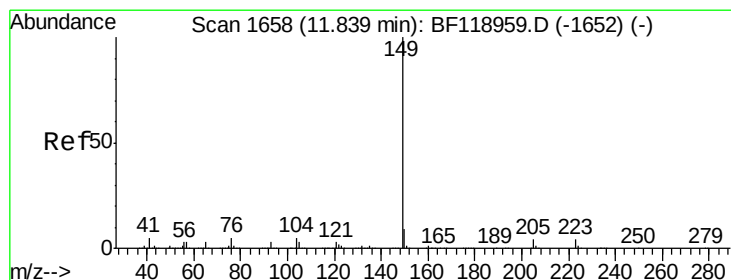
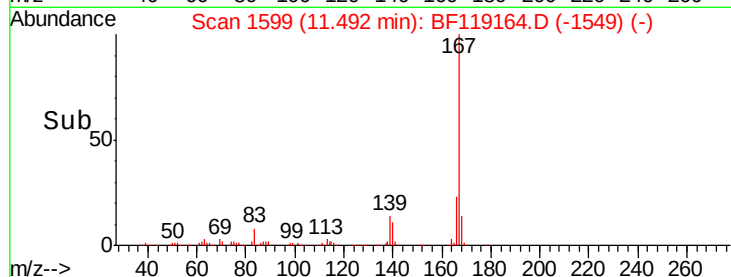
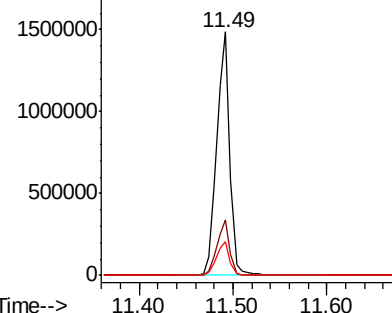
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:167 Resp: 1422725

Ion	Ratio	Lower	Upper
167	100		
166	22.8	18.2	27.4
139	14.0	11.7	17.5



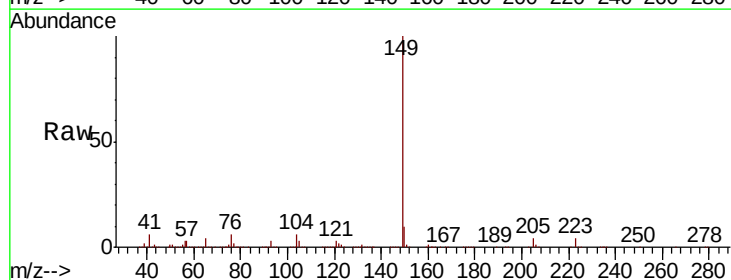
Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E



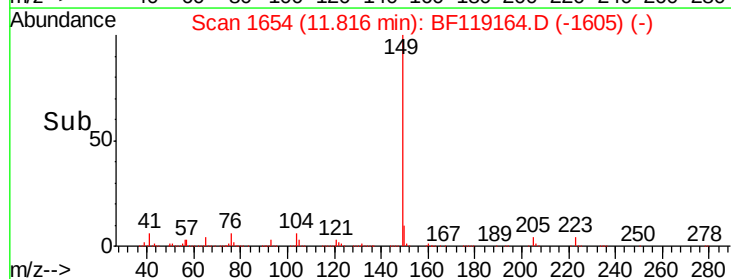
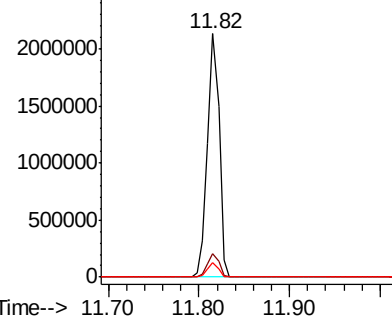
#74
 Di-n-butylphthalate
 Concen: 42.141 ng
 RT: 11.82 min Scan# 1654
 Delta R.T. -0.01 min
 Lab File: BF119164.D
 Acq: 2 Mar 2020 9:41

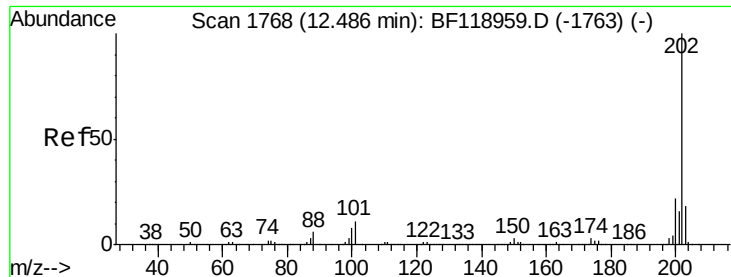
Tgt Ion:149 Resp: 1878755

Ion	Ratio	Lower	Upper
149	100		
150	9.8	7.9	11.9
104	5.8	4.6	6.8



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





#75

Fluoranthene

Concen: 39.050 ng

RT: 12.47 min Scan# 1765

Delta R.T. -0.01 min

Lab File: BF119164.D

Acq: 2 Mar 2020 9:41

Instrument :

BNA_F

ClientSampleId :

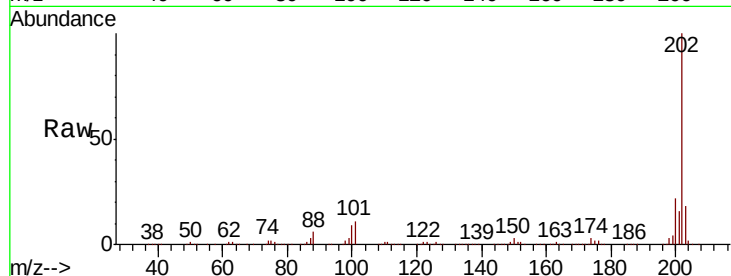
Tot Ion:202 Resp: 1714289

Ion Ratio Lower Upper

202 100

101 11.4 0.0 30.3

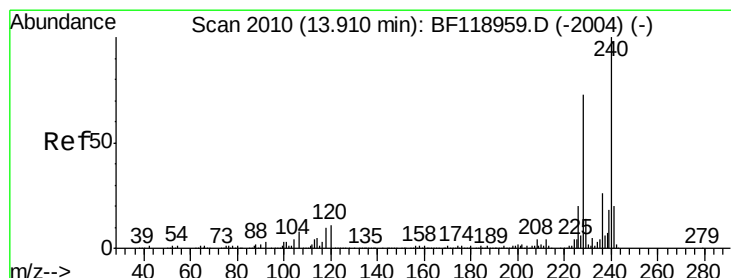
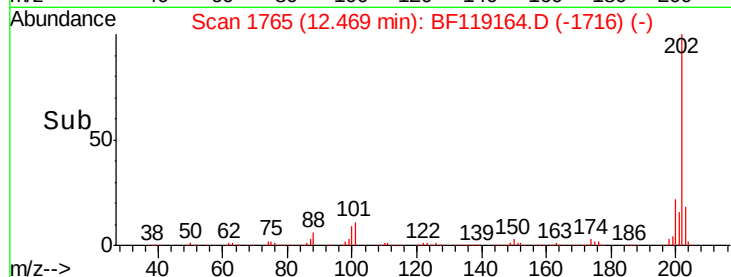
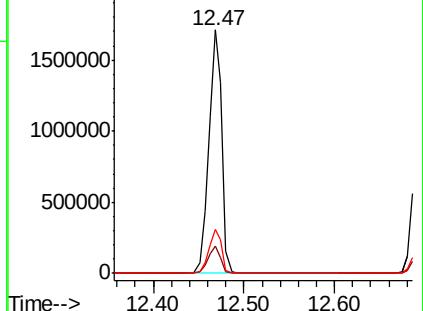
203 18.1 0.0 38.4



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: 13.90 min Scan# 2008

Delta R.T. -0.01 min

Lab File: BF119164.D

Acq: 2 Mar 2020 9:41

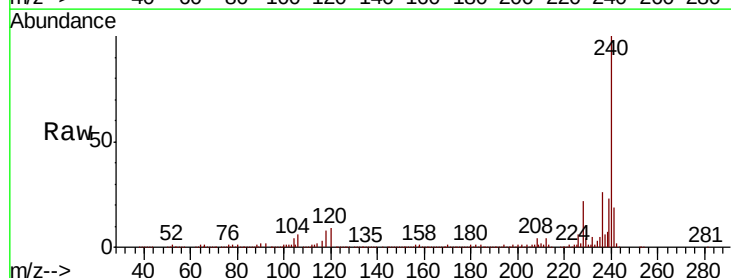
Tgt Ion:240 Resp: 558508

Ion Ratio Lower Upper

240 100

120 9.2 8.4 12.6

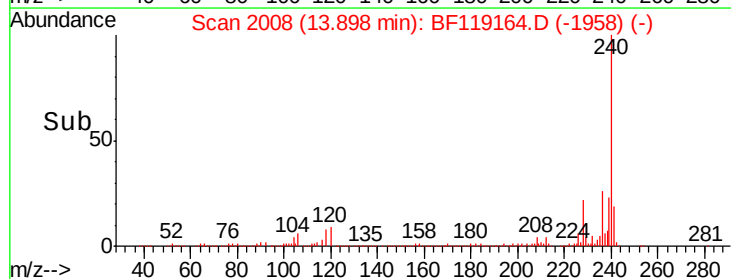
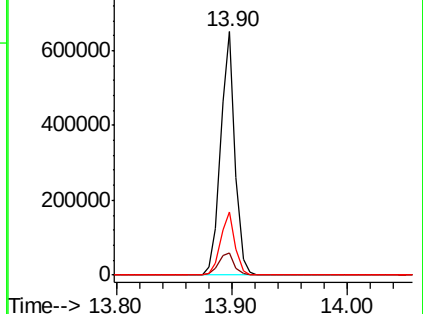
236 26.2 21.0 31.4

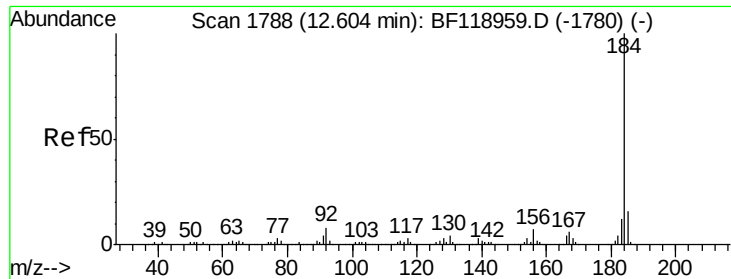


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 28.836 ng

RT: 12.59 min Scan# 1785

Delta R.T. -0.01 min

Lab File: BF119164.D

Acq: 2 Mar 2020 9:41

Instrument :

BNA_F

ClientSampled :

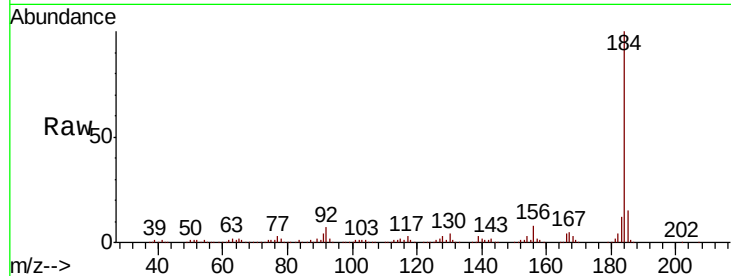
Tot Ion:184 Resp: 654987

Ion Ratio Lower Upper

184 100

185 15.3 12.2 18.4

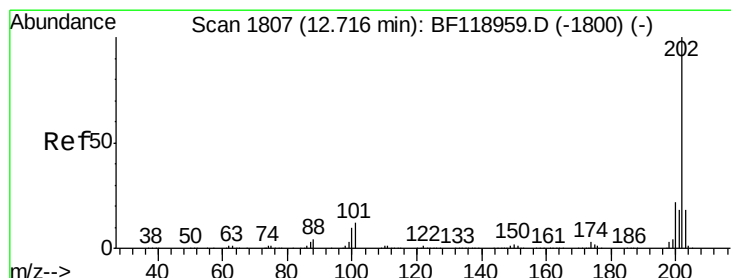
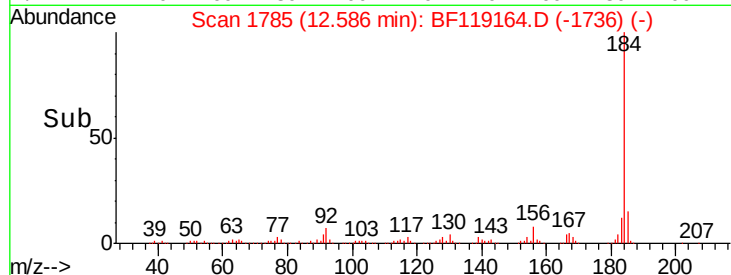
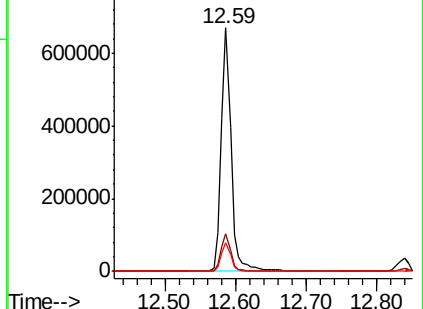
183 11.8 9.9 14.9



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: 37.578 ng

RT: 12.70 min Scan# 1804

Delta R.T. -0.01 min

Lab File: BF119164.D

Acq: 2 Mar 2020 9:41

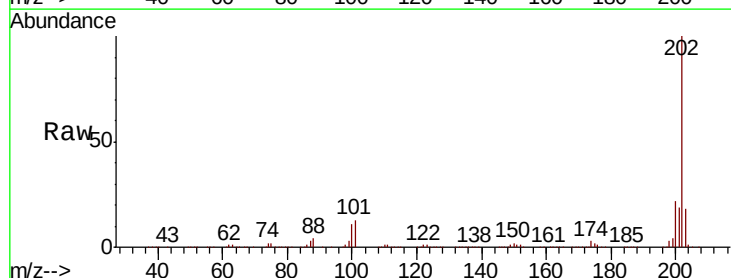
Tgt Ion:202 Resp: 1685282

Ion Ratio Lower Upper

202 100

200 22.2 18.0 27.0

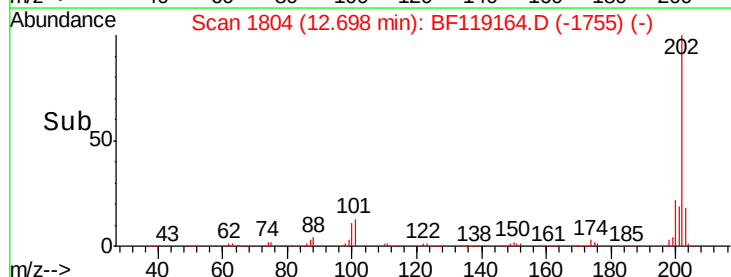
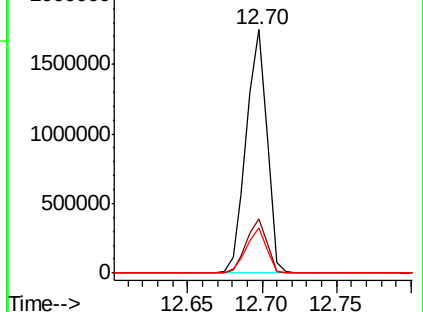
203 18.3 14.6 22.0

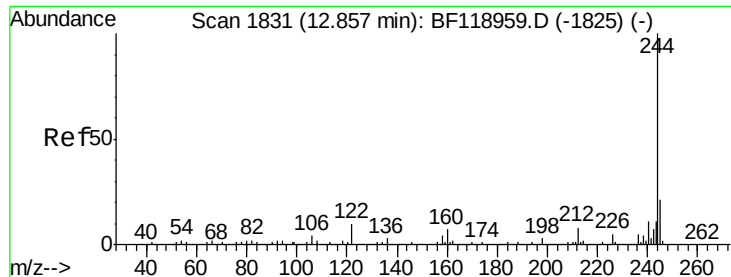


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 79.663 ng

RT: 12.84 min Scan# 1828

Delta R.T. -0.01 min

Lab File: BF119164.D

Acq: 2 Mar 2020 9:41

Instrument :

BNA_F

ClientSampleId :

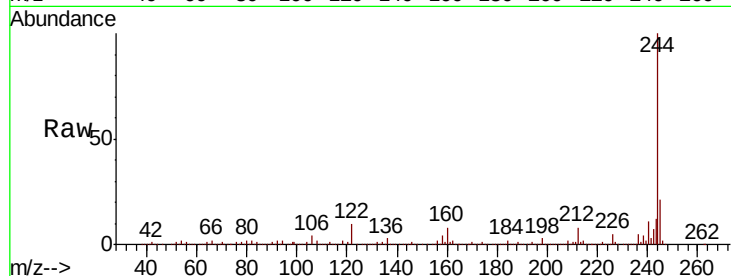
Tot Ion:244 Resp: 2584243

Ion Ratio Lower Upper

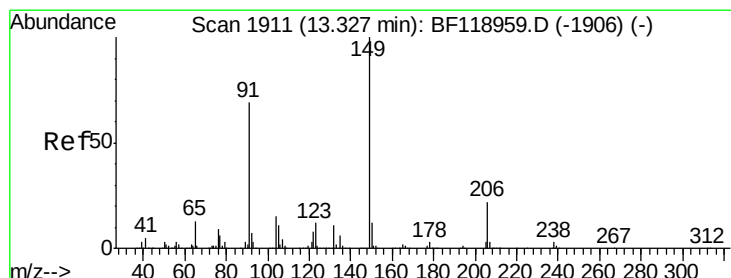
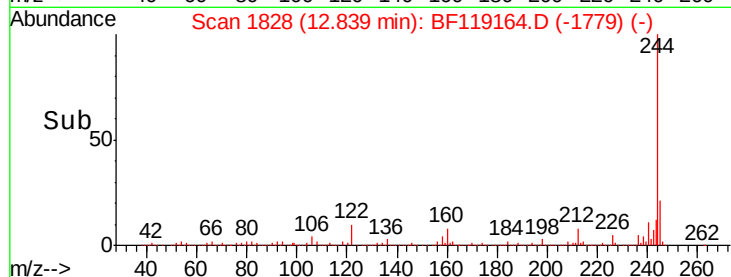
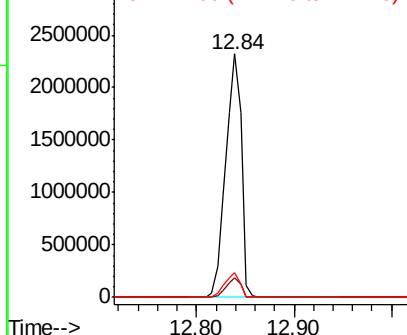
244 100

212 8.0 6.6 10.0

122 10.1 8.2 12.2



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: 43.403 ng

RT: 13.31 min Scan# 1908

Delta R.T. -0.01 min

Lab File: BF119164.D

Acq: 2 Mar 2020 9:41

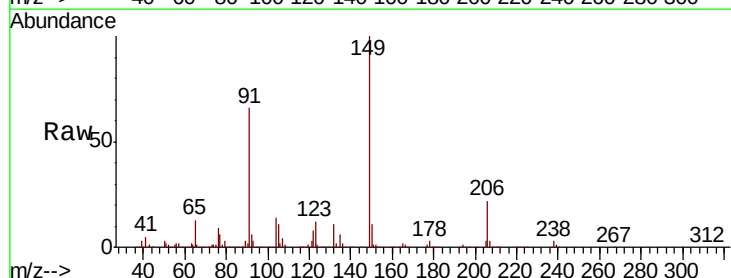
Tgt Ion:149 Resp: 819233

Ion Ratio Lower Upper

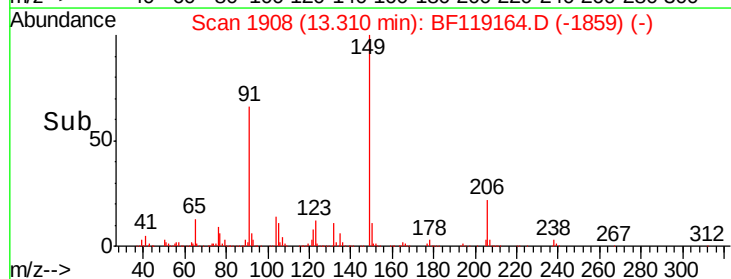
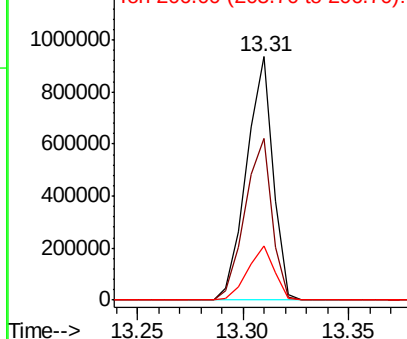
149 100

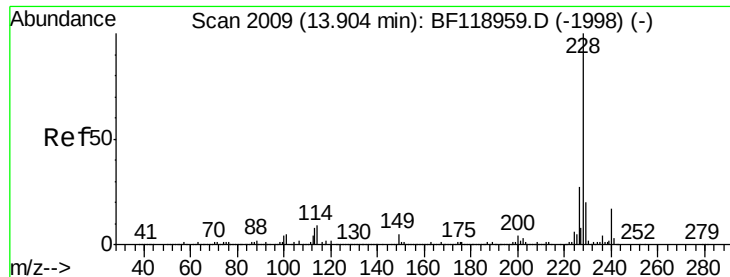
91 66.4 52.3 78.5

206 22.5 18.5 27.7



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: 39.193 ng

RT: 13.89 min Scan# 2006

Delta R.T. -0.01 min

Lab File: BF119164.D

Acq: 2 Mar 2020 9:41

Instrument :

BNA_F

ClientSampleId :

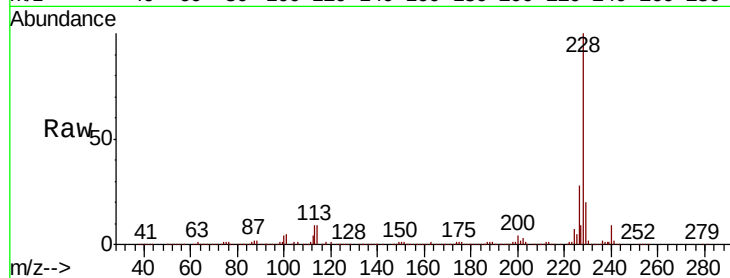
Tot Ion:228 Resp: 1491468

Ion Ratio Lower Upper

228 100

226 27.7 22.6 33.8

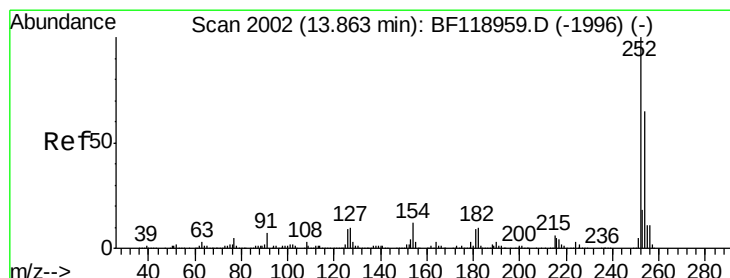
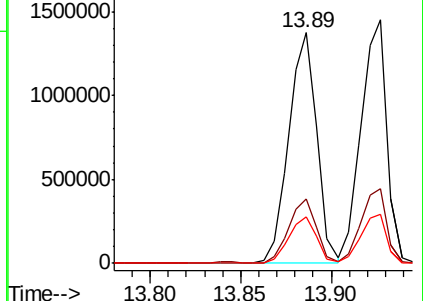
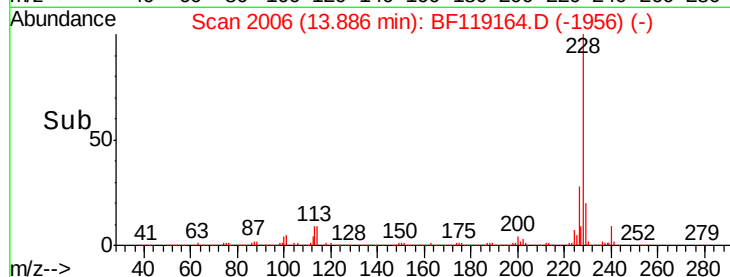
229 19.9 16.6 24.8



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



#82

3,3'-Dichlorobenzidine

Concen: 38.049 ng

RT: 13.84 min Scan# 1999

Delta R.T. -0.01 min

Lab File: BF119164.D

Acq: 2 Mar 2020 9:41

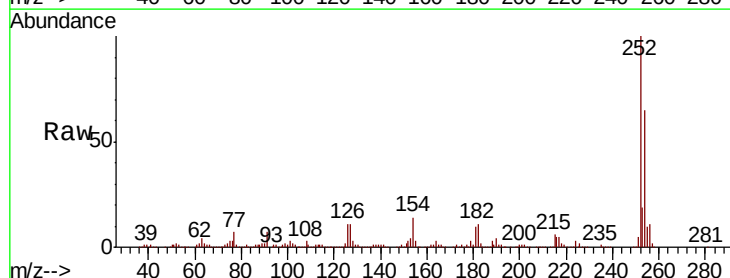
Tgt Ion:252 Resp: 562239

Ion Ratio Lower Upper

252 100

254 65.2 51.6 77.4

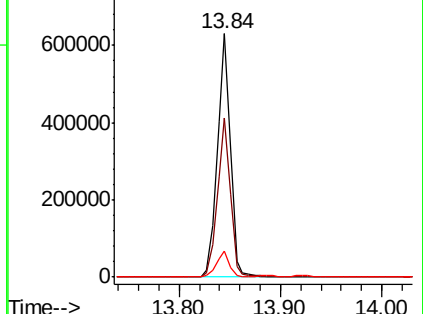
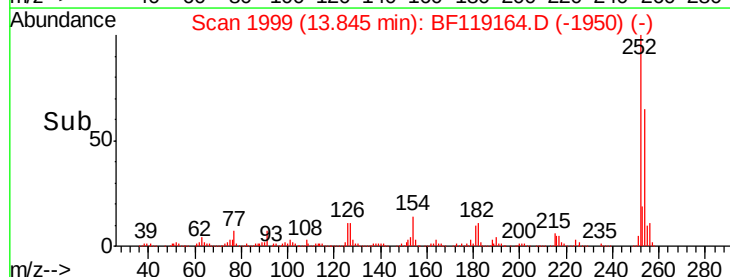
126 10.5 7.4 11.0

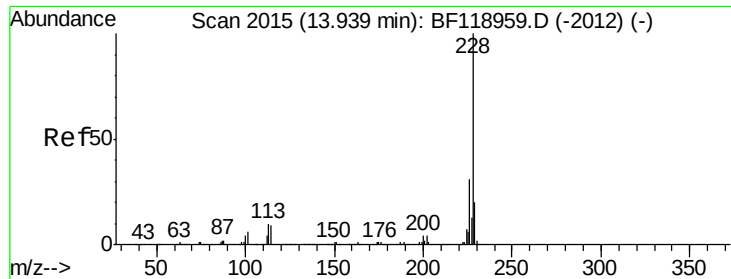


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 38.030 ng

RT: 13.93 min Scan# 2013

Delta R.T. -0.01 min

Lab File: BF119164.D

Acq: 2 Mar 2020 9:41

Instrument :

BNA_F

ClientSampleId :

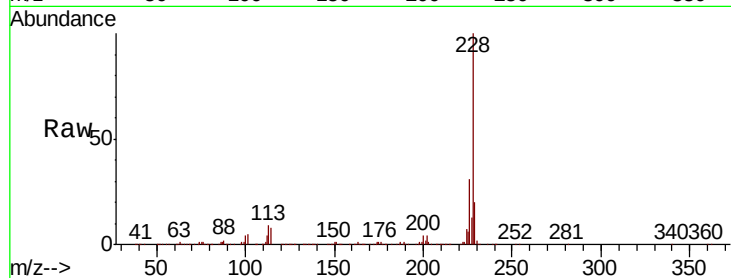
Tot Ion:228 Resp: 1442035

Ion Ratio Lower Upper

228 100

226 30.6 25.1 37.7

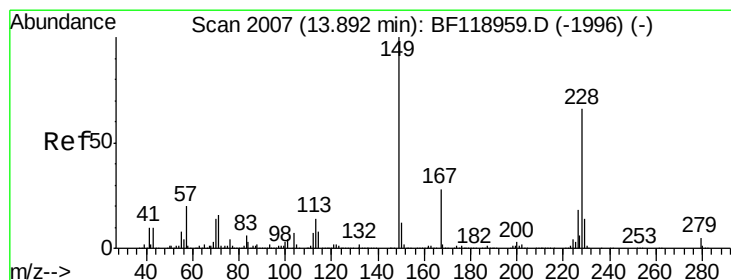
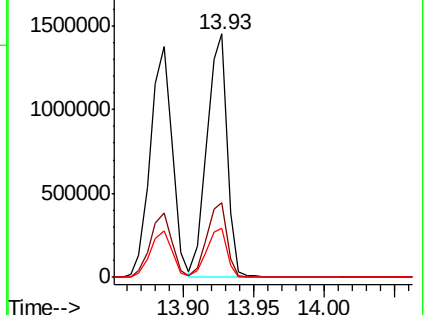
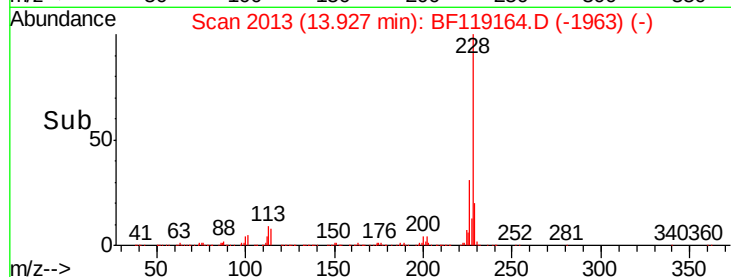
229 20.1 16.3 24.5



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: 47.249 ng

RT: 13.87 min Scan# 2003

Delta R.T. -0.01 min

Lab File: BF119164.D

Acq: 2 Mar 2020 9:41

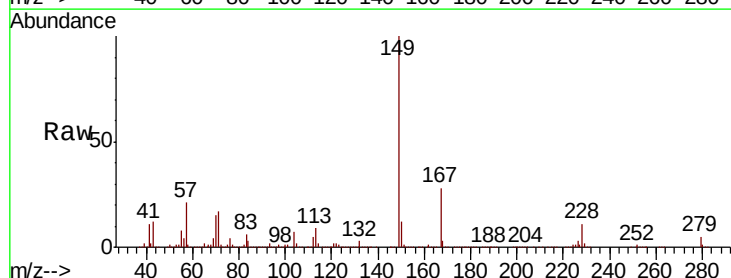
Tgt Ion:149 Resp: 1126701

Ion Ratio Lower Upper

149 100

167 27.8 22.8 34.2

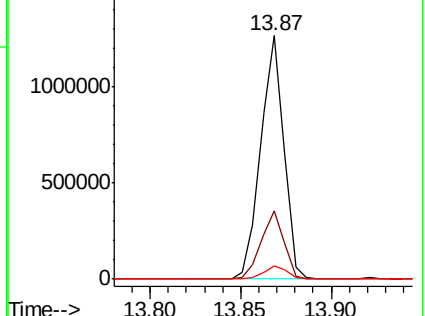
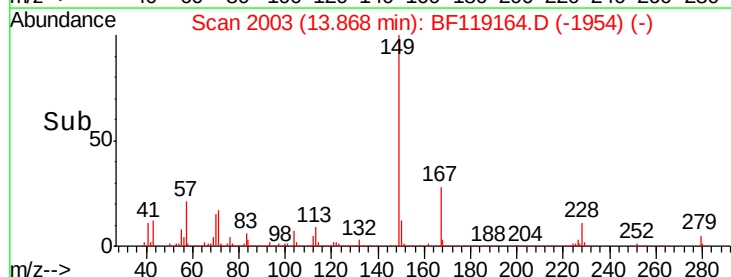
279 5.4 4.6 6.8

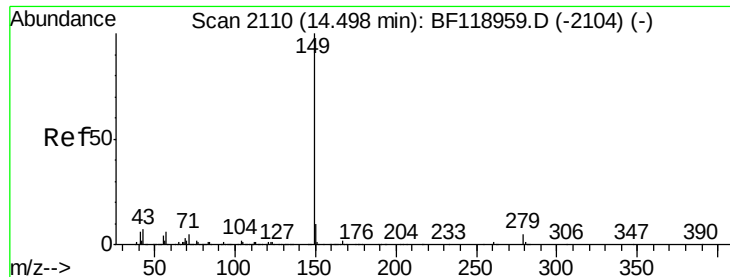


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 46.075 ng

RT: 14.47 min Scan# 2106

Delta R.T. -0.01 min

Lab File: BF119164.D

Acq: 2 Mar 2020 9:41

Instrument :

BNA_F

ClientSampleId :

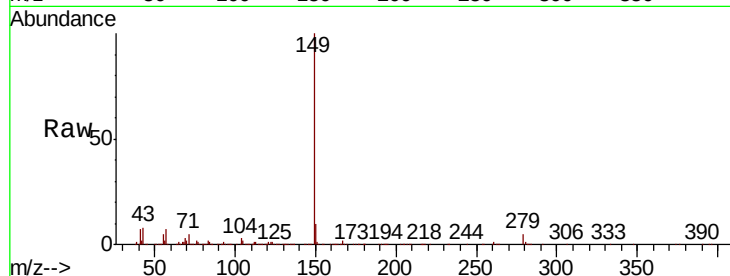
Tot Ion:149 Resp: 1750555

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

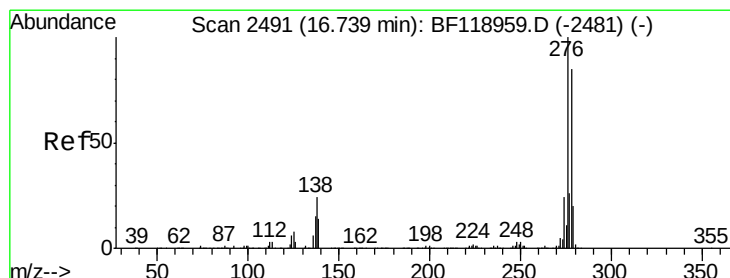
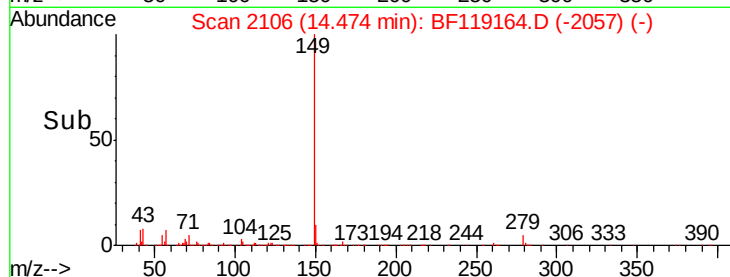
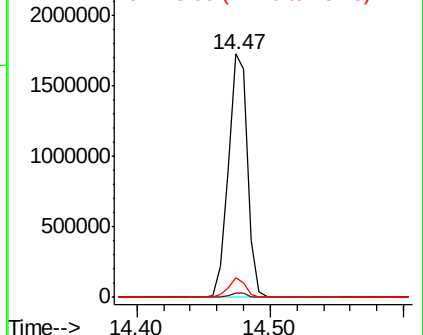
43 7.1 5.7 8.5



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 31.024 ng

RT: 16.73 min Scan# 2489

Delta R.T. -0.01 min

Lab File: BF119164.D

Acq: 2 Mar 2020 9:41

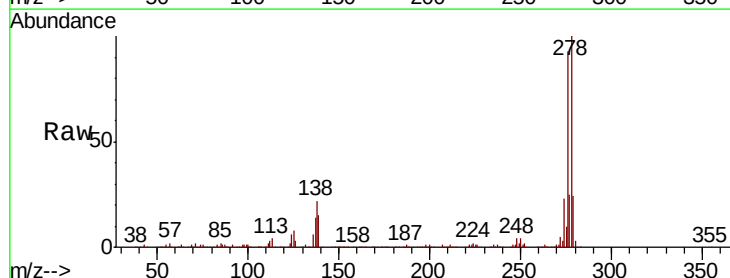
Tgt Ion:276 Resp: 1139071

Ion Ratio Lower Upper

276 100

138 21.3 17.4 26.0

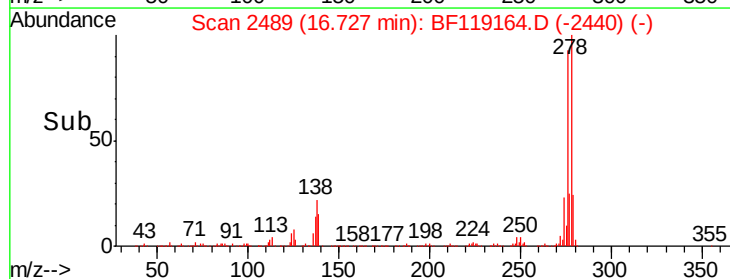
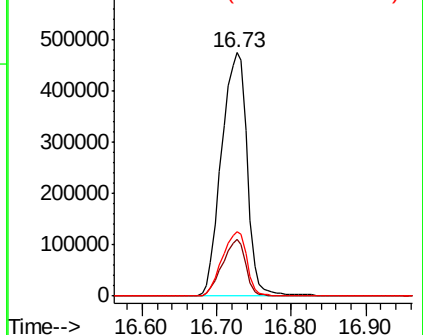
277 25.6 20.3 30.5

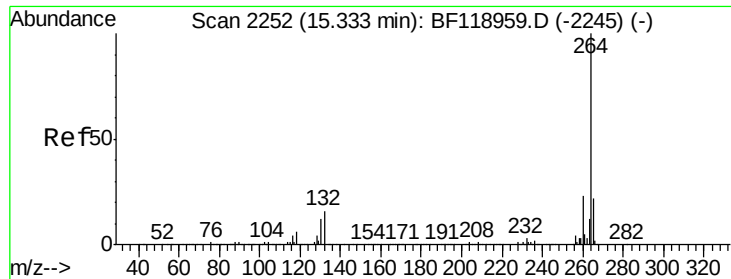


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



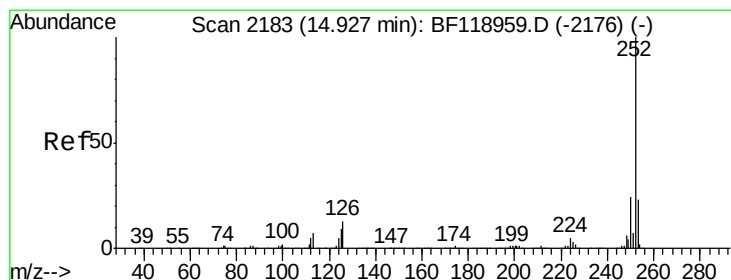
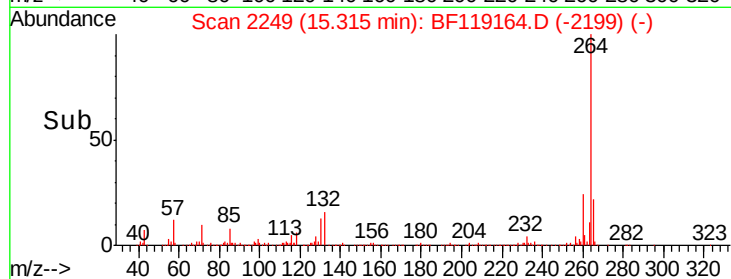
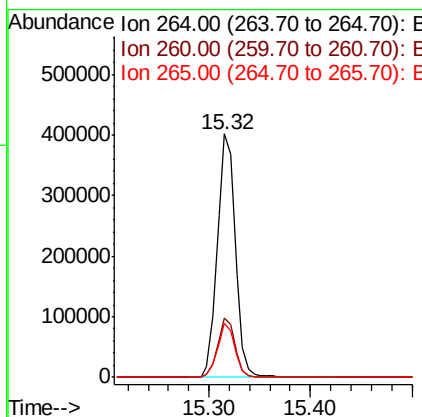
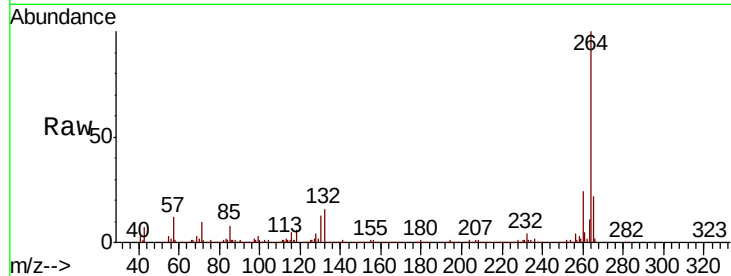


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.32 min Scan# 2249
Delta R.T. -0.01 min
Lab File: BF119164.D
Acq: 2 Mar 2020 9:41

Instrument :
BNA_F
ClientSampled :

Tot Ion:264 Resp: 498703

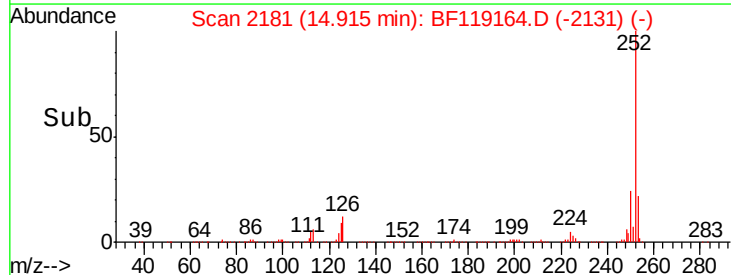
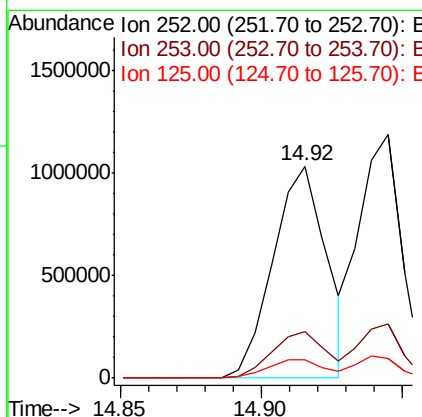
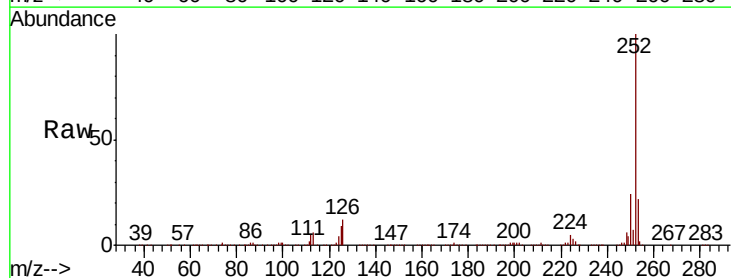
Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.4	29.2
265	22.3	17.7	26.5

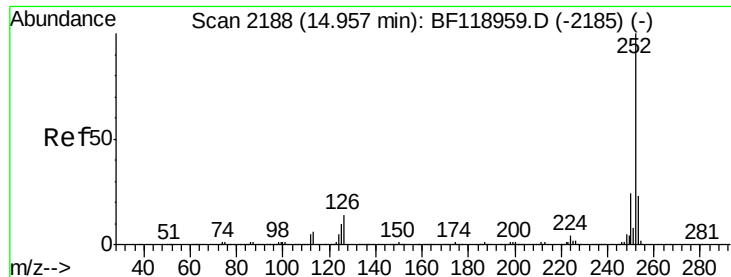


#88
Benzo(b)fluoranthene
Concen: 41.303 ng
RT: 14.92 min Scan# 2181
Delta R.T. -0.01 min
Lab File: BF119164.D
Acq: 2 Mar 2020 9:41

Tgt Ion:252 Resp: 1357700

Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.1	27.1
125	8.8	7.4	11.0

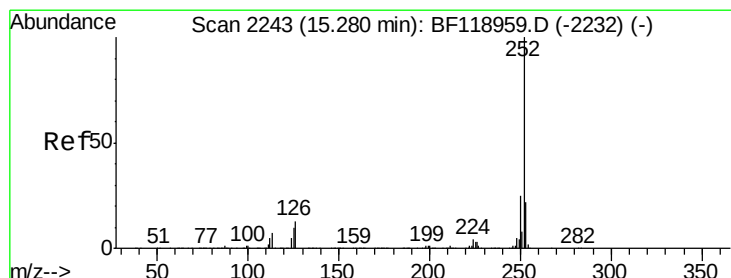
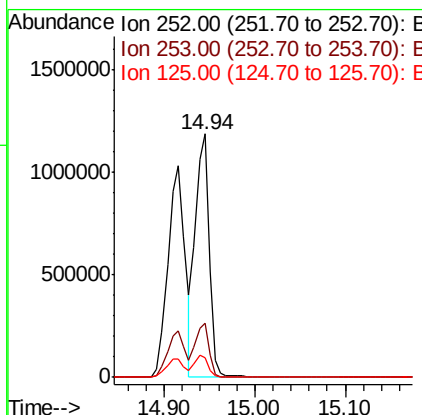
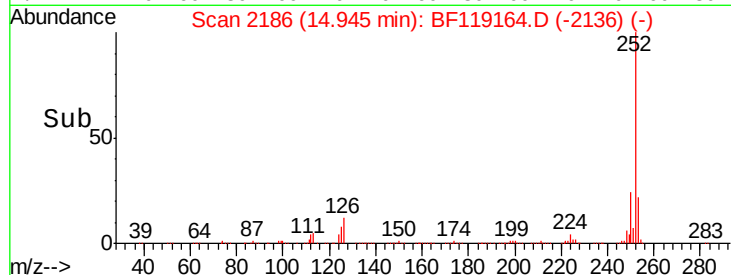
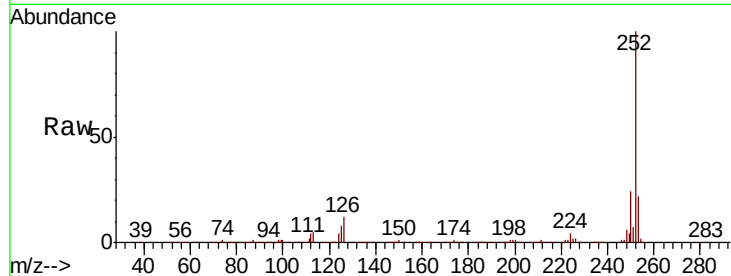




#89
Benzo(k)fluoranthene
Concen: 41.208 ng
RT: 14.94 min Scan# 2186
Delta R.T. -0.01 min
Lab File: BF119164.D
Acq: 2 Mar 2020 9:41

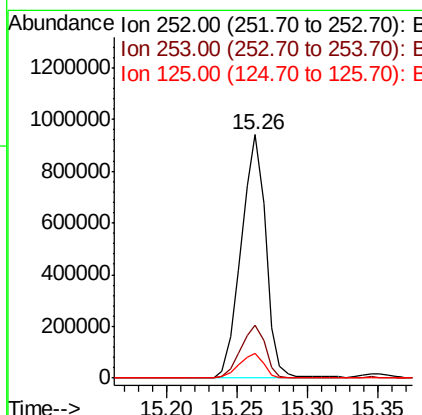
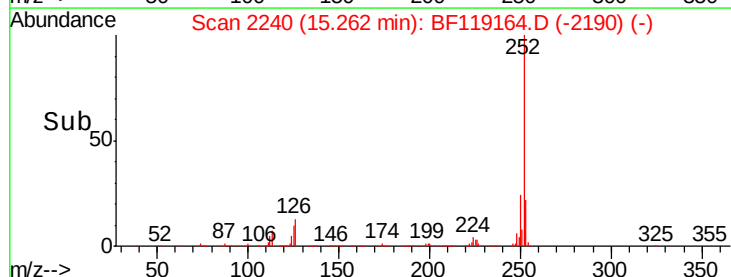
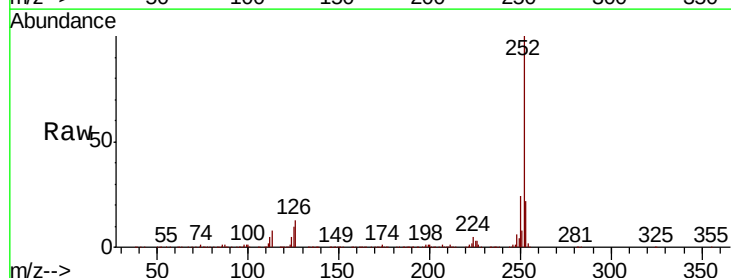
Instrument :
BNA_F
ClientSampleId :

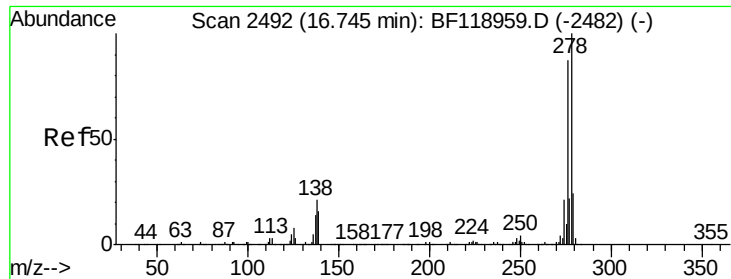
Tot Ion:252 Resp: 1255319
Ion Ratio Lower Upper
252 100
253 22.4 17.8 26.8
125 8.3 7.5 11.3



#90
Benzo(a)pyrene
Concen: 38.671 ng
RT: 15.26 min Scan# 2240
Delta R.T. -0.01 min
Lab File: BF119164.D
Acq: 2 Mar 2020 9:41

Tgt Ion:252 Resp: 1147275
Ion Ratio Lower Upper
252 100
253 21.9 18.0 27.0
125 10.0 8.6 12.8

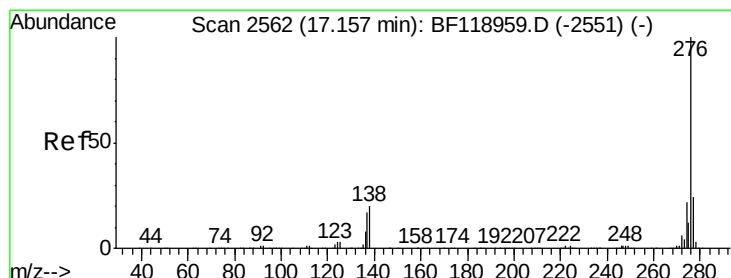
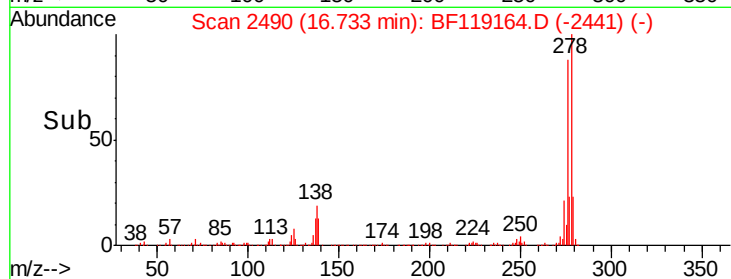
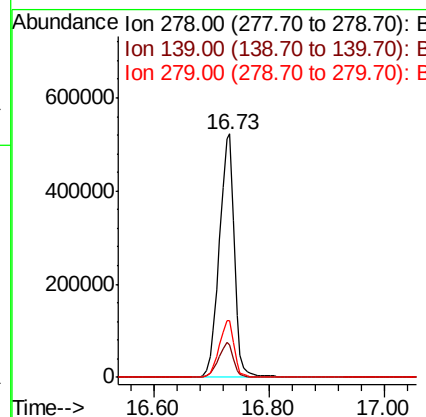
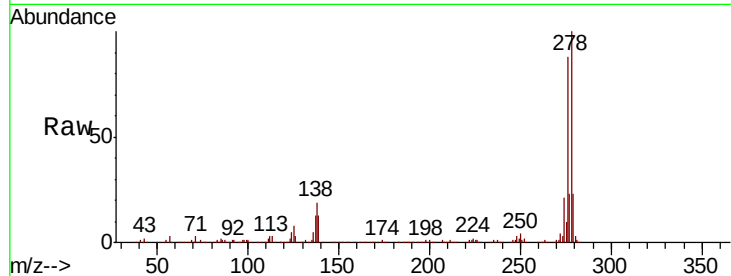




#91
Dibenzo(a,h)anthracene
Concen: 36.403 ng
RT: 16.73 min Scan# 2490
Delta R.T. -0.01 min
Lab File: BF119164.D
Acq: 2 Mar 2020 9:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 950265
Ion Ratio Lower Upper
278 100
139 13.3 11.0 16.4
279 23.1 18.6 28.0



#92
Benzo(g,h,i)perylene
Concen: 34.096 ng
RT: 17.14 min Scan# 2560
Delta R.T. -0.01 min
Lab File: BF119164.D
Acq: 2 Mar 2020 9:41

Tgt Ion:276 Resp: 879405
Ion Ratio Lower Upper
276 100
277 24.0 18.7 28.1
138 18.4 14.3 21.5

