

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031120\
 Data File : BF119348.D
 Acq On : 11 Mar 2020 15:39
 Operator : CG/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 11 17:24:30 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 06 23:38:46 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	114666	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	427844	20.00	ng	-0.01
39) Acenaphthene-d10	9.75	164	241857	20.00	ng	-0.01
64) Phenanthrene-d10	11.24	188	455951	20.00	ng	0.00
76) Chrysene-d12	13.88	240	350736	20.00	ng	0.00
87) Perylene-d12	15.30	264	342280	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	557930	81.31	ng	0.00
7) Phenol-d6	6.37	99	670344	80.33	ng	0.00
23) Nitrobenzene-d5	7.29	82	645620	79.68	ng	0.00
42) 2,4,6-Tribromophenol	10.55	330	240465	76.00	ng	-0.01
45) 2-Fluorobiphenyl	9.07	172	1261093	76.81	ng	-0.01
79) Terphenyl-d14	12.82	244	1634400	80.23	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.37	88	112706	36.893	ng	99
3) Pyridine	3.10	79	297102	35.611	ng	95
4) n-Nitrosodimethylamine	3.05	42	98801	39.092	ng	98
6) Aniline	6.39	93	410136	39.832	ng	# 77
8) 2-Chlorophenol	6.52	128	298637	40.331	ng	98
9) Benzaldehyde	6.27	77	182948	32.814	ng	99
10) Phenol	6.39	94	355114	39.360	ng	# 72
11) bis(2-Chloroethyl)ether	6.46	93	275580	39.920	ng	97
12) 1,3-Dichlorobenzene	6.66	146	353821	39.867	ng	98
13) 1,4-Dichlorobenzene	6.73	146	361244	40.675	ng	99
14) 1,2-Dichlorobenzene	6.89	146	330131	40.759	ng	99
15) Benzyl Alcohol	6.87	79	254305	42.166	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.00	45	235777	39.428	ng	# 43
17) 2-Methylphenol	6.99	107	239633	39.916	ng	94
18) Hexachloroethane	7.22	117	129168	40.652	ng	98
19) n-Nitroso-di-n-propylamine	7.14	70	211055	43.405	ng	98
20) 3+4-Methylphenols	7.15	107	320695	43.602	ng	89
22) Acetophenone	7.13	105	409856	41.403	ng	# 95
24) Nitrobenzene	7.31	77	322103	40.197	ng	99
25) Isophorone	7.55	82	559014	39.723	ng	98
26) 2-Nitrophenol	7.63	139	165821	39.056	ng	97
27) 2,4-Dimethylphenol	7.67	122	223398	38.769	ng	98
28) bis(2-Chloroethoxy)methane	7.75	93	360617	39.369	ng	99
29) 2,4-Dichlorophenol	7.88	162	268277	39.548	ng	98
30) 1,2,4-Trichlorobenzene	7.95	180	308462	38.352	ng	98
31) Naphthalene	8.02	128	874907	39.430	ng	98
32) Benzoic acid	7.85	122	136366	34.600	ng	99
33) 4-Chloroaniline	8.08	127	376675	39.469	ng	99
34) Hexachlorobutadiene	8.14	225	197583	39.439	ng	99
35) Caprolactam	8.46	113	43279	20.720	ng	99
36) 4-Chloro-3-methylphenol	8.58	107	284658	41.464	ng	99
37) 2-Methylnaphthalene	8.71	142	590794	39.565	ng	99
38) 1-Methylnaphthalene	8.81	142	556174	39.605	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.89	216	315126	38.645	ng	99

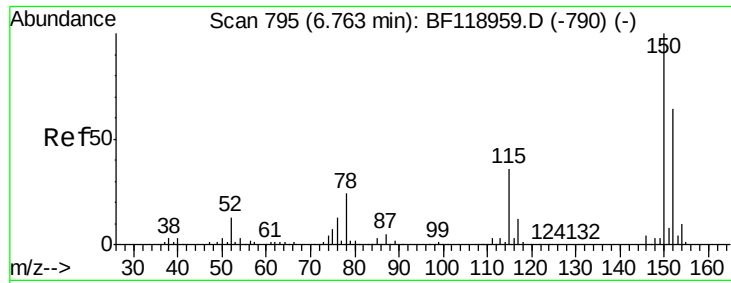
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031120\
 Data File : BF119348.D
 Acq On : 11 Mar 2020 15:39
 Operator : CG/JU
 Sample : SSTDC0040
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Quant Time: Mar 11 17:24:30 2020
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 06 23:38:46 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.86	237	94097	37.373	ng	100
43) 2,4,6-Trichlorophenol	9.00	196	188028	36.514	ng	99
44) 2,4,5-Trichlorophenol	9.06	196	180194	33.347	ng	98
46) 1,1'-Biphenyl	9.17	154	768643	39.323	ng	98
47) 2-Chloronaphthalene	9.20	162	608422	38.625	ng	97
48) 2-Nitroaniline	9.31	65	181991	41.423	ng	98
49) Acenaphthylene	9.62	152	864037	37.979	ng	99
50) Dimethylphthalate	9.48	163	718529	38.851	ng	99
51) 2,6-Dinitrotoluene	9.55	165	156739	38.146	ng	91
52) Acenaphthene	9.79	154	540523	39.402	ng	99
53) 3-Nitroaniline	9.72	138	175796	38.592	ng	92
54) 2,4-Dinitrophenol	9.86	184	62428	35.815	ng	91
55) Dibenzofuran	9.96	168	791308	38.646	ng	100
56) 4-Nitrophenol	9.92	139	107733	39.364	ng	94
57) 2,4-Dinitrotoluene	9.96	165	205953	38.670	ng	98
58) Fluorene	10.30	166	649077	40.795	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.09	232	171471	37.607	ng	99
60) Diethylphthalate	10.17	149	715812	41.071	ng	99
61) 4-Chlorophenyl-phenylether	10.29	204	348308	41.358	ng	93
62) 4-Nitroaniline	10.35	138	168355	36.124	ng	97
63) Azobenzene	10.45	77	628489	41.487	ng	96
65) 4,6-Dinitro-2-methylphenol	10.38	198	104454	37.859	ng	96
66) n-Nitrosodiphenylamine	10.41	169	574960	38.512	ng	100
67) 4-Bromophenyl-phenylether	10.77	248	229266	38.468	ng	97
68) Hexachlorobenzene	10.86	284	265121	38.583	ng	99
69) Atrazine	10.94	200	183810	35.238	ng	98
70) Pentachlorophenol	11.06	266	110565	39.944	ng	99
71) Phenanthrene	11.26	178	970519	39.031	ng	98
72) Anthracene	11.32	178	985724	39.676	ng	98
73) Carbazole	11.47	167	878690	39.700	ng	98
74) Di-n-butylphthalate	11.79	149	1137769	42.448	ng	99
75) Fluoranthene	12.45	202	1068329	40.476	ng	99
77) Benzidine	12.57	184	527135	36.955	ng	100
78) Pyrene	12.68	202	1061458	37.689	ng	99
80) Butylbenzylphthalate	13.29	149	495880	41.835	ng	96
81) Benzo(a)anthracene	13.87	228	964935	40.377	ng	100
82) 3,3'-Dichlorobenzidine	13.83	252	375454	40.460	ng	99
83) Chrysene	13.91	228	943658	39.629	ng	98
84) Bis(2-ethylhexyl)phthalate	13.84	149	697340	46.567	ng	98
85) Di-n-octyl phthalate	14.45	149	1129147	47.325	ng	100
86) Indeno(1,2,3-cd)pyrene	16.72	276	803708	34.858	ng	99
88) Benzo(b)fluoranthene	14.90	252	937362	41.547	ng	97
89) Benzo(k)fluoranthene	14.93	252	838431	40.101	ng	99
90) Benzo(a)pyrene	15.25	252	793874	38.988	ng	98
91) Dibenzo(a,h)anthracene	16.72	278	671195	37.463	ng	100
92) Benzo(g,h,i)perylene	17.13	276	632319	35.720	ng	98

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

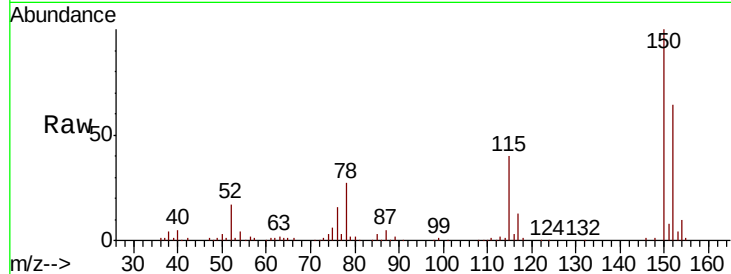


#1

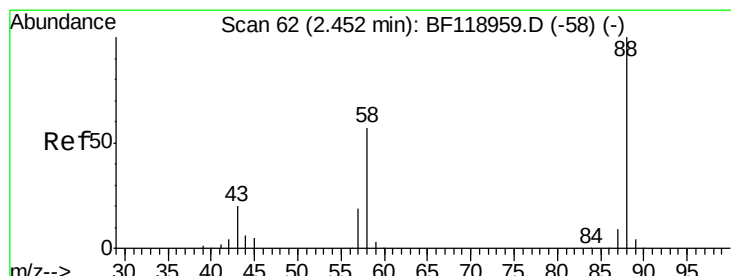
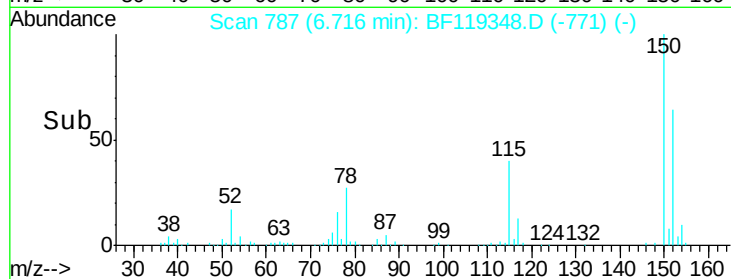
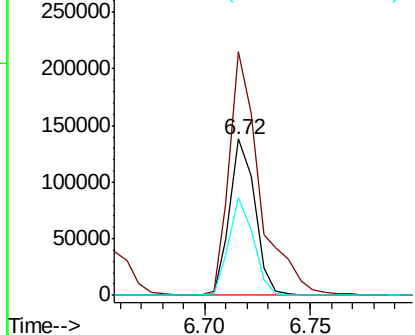
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.72 min Scan# 787
 Delta R.T. -0.01 min
 Lab File: BF119348.D
 Acq: 11 Mar 2020 15:39

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 114666
 Ion Ratio Lower Upper
 152 100
 150 155.9 123.0 184.6
 115 62.7 49.5 74.3



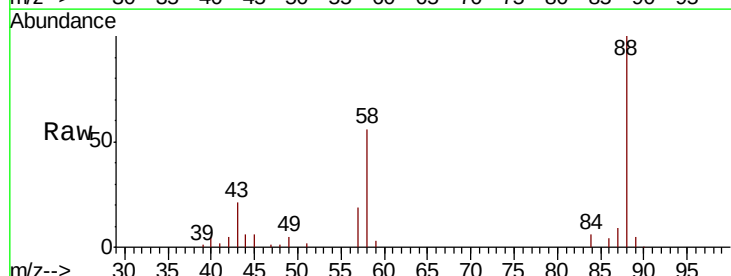
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



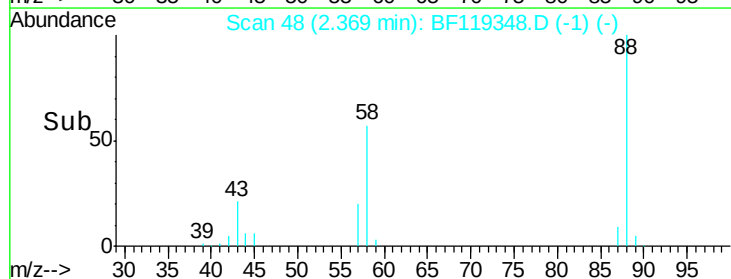
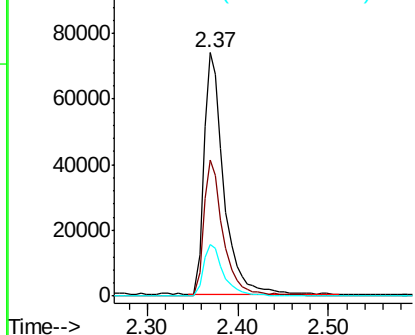
#2

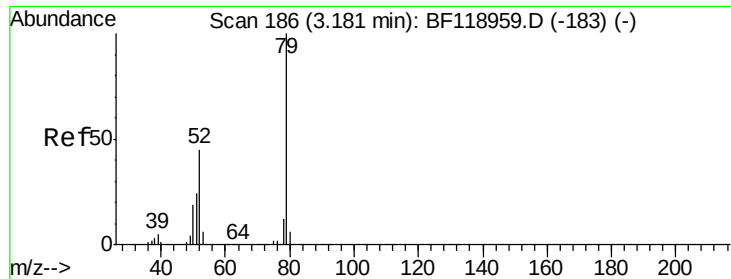
1,4-Dioxane
 Concen: 36.893 ng
 RT: 2.37 min Scan# 48
 Delta R.T. -0.01 min
 Lab File: BF119348.D
 Acq: 11 Mar 2020 15:39

Tgt Ion: 88 Resp: 112706
 Ion Ratio Lower Upper
 88 100
 58 55.4 43.8 65.6
 43 21.5 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

Pvrindine

Concen: 35.611 ng

RT: 3.10 min Scan# 172

Delta R.T. -0.01 min

Lab File: BF119348.D

Acq: 11 Mar 2020 15:39

Instrument :

BNA_F

ClientSampleId :

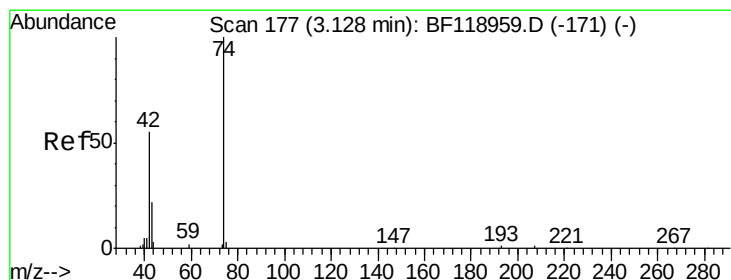
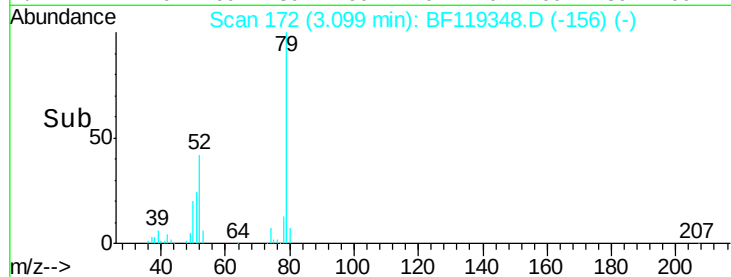
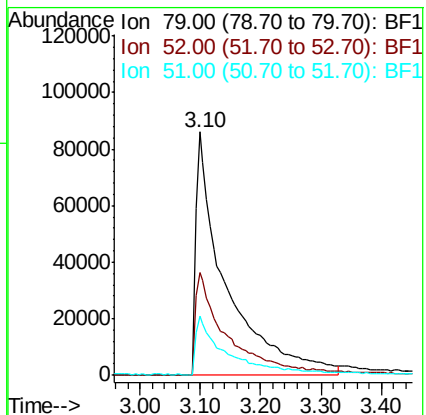
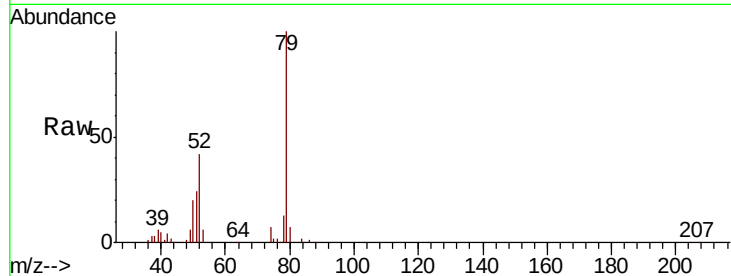
Tot Ion: 79 Resp: 297102

Ion Ratio Lower Upper

79 100

52 42.4 37.4 56.0

51 24.2 19.8 29.6



#4

n-Nitrosodimethylamine

Concen: 39.092 ng

RT: 3.05 min Scan# 164

Delta R.T. -0.01 min

Lab File: BF119348.D

Acq: 11 Mar 2020 15:39

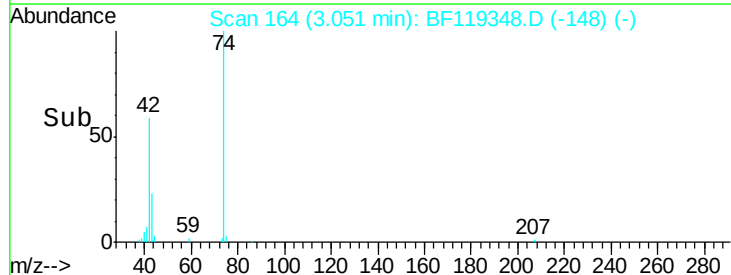
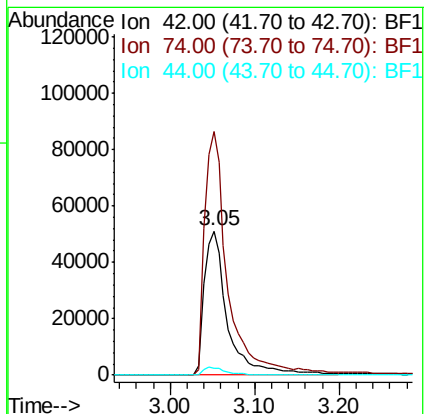
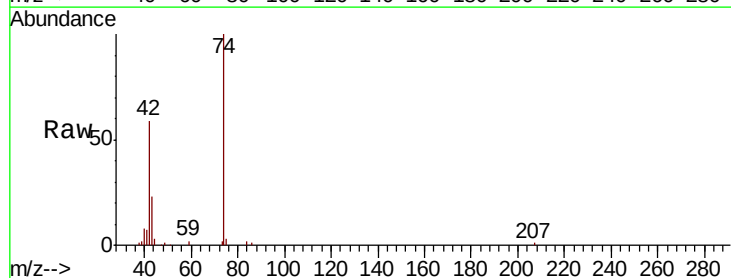
Tgt Ion: 42 Resp: 98801

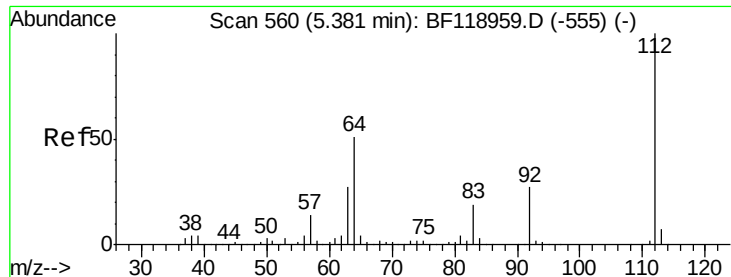
Ion Ratio Lower Upper

42 100

74 169.0 137.7 206.5

44 5.1 4.5 6.7





#5

2-Fluorophenol

Concen: 81.314 ng

RT: 5.35 min Scan# 554

Delta R.T. -0.01 min

Lab File: BF119348.D

Acq: 11 Mar 2020 15:39

Instrument :

BNA_F

ClientSampled :

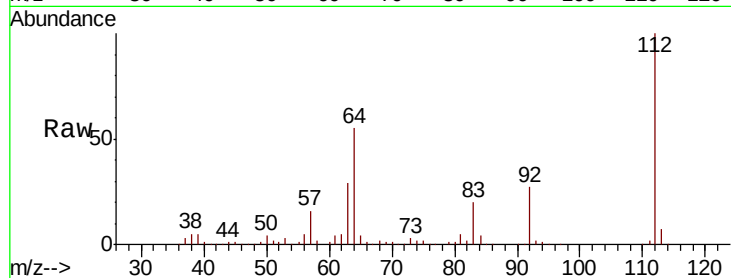
Tot Ion:112 Resp: 557930

Ion Ratio Lower Upper

112 100

64 55.1 45.0 67.4

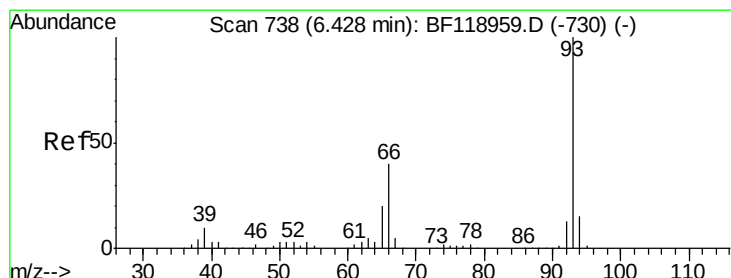
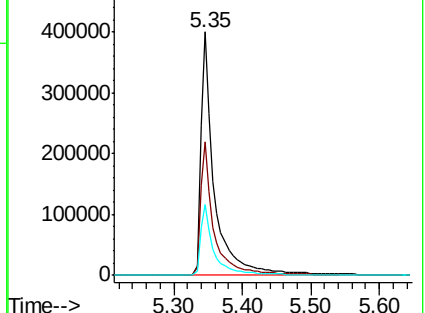
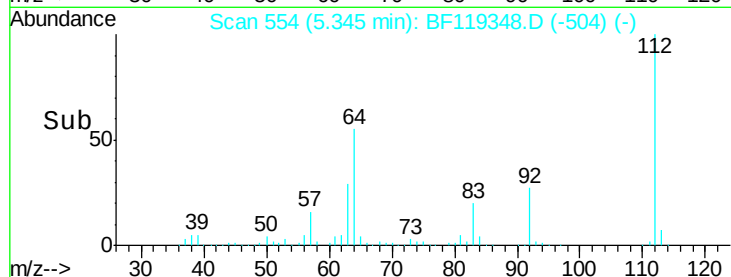
63 29.1 24.2 36.4



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: 39.832 ng

RT: 6.39 min Scan# 731

Delta R.T. -0.01 min

Lab File: BF119348.D

Acq: 11 Mar 2020 15:39

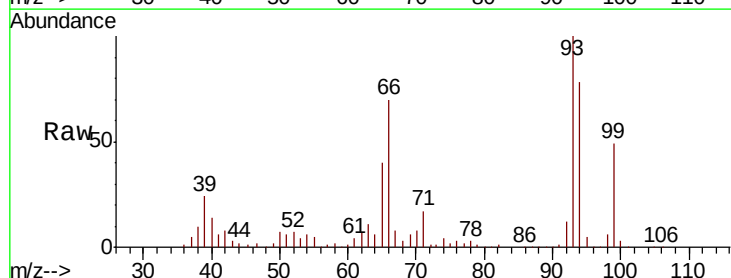
Tgt Ion: 93 Resp: 410136

Ion Ratio Lower Upper

93 100

66 70.3 74.5 111.7#

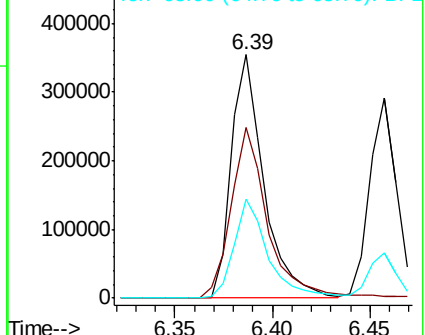
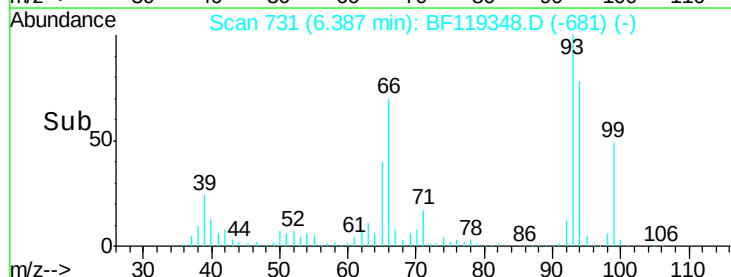
65 40.4 45.3 67.9#

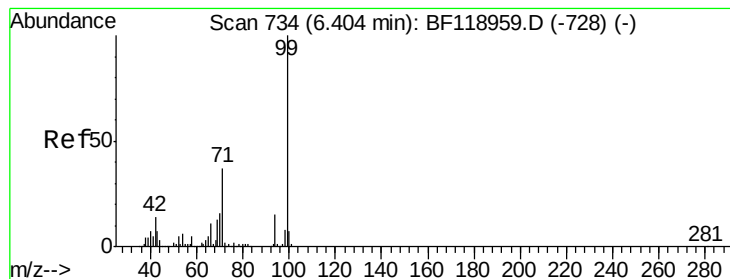


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 80.332 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF119348.D

Acq: 11 Mar 2020 15:39

Instrument :

BNA_F

ClientSampleId :

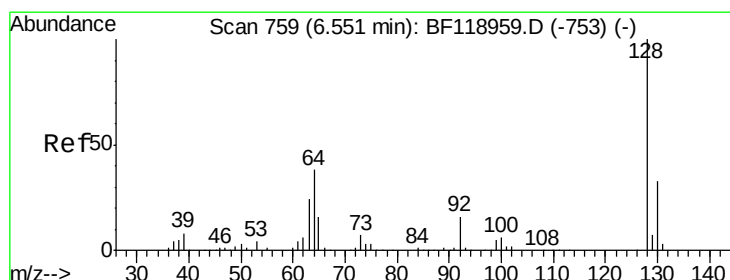
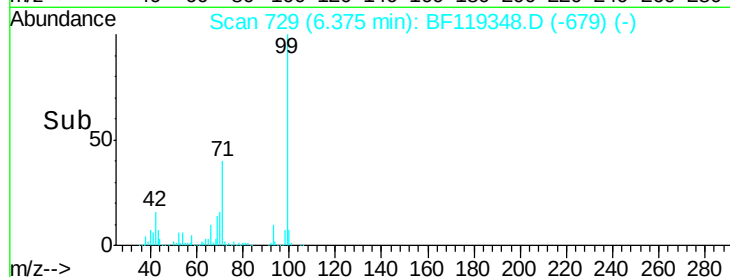
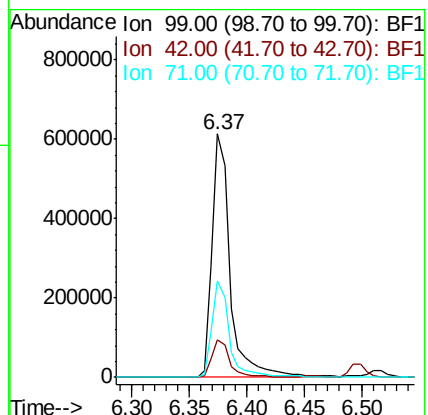
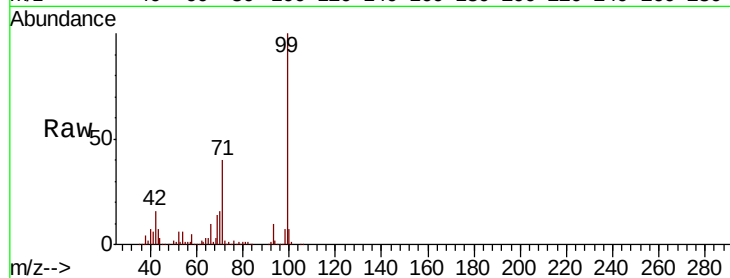
Tot Ion: 99 Resp: 670344

Ion Ratio Lower Upper

99 100

42 15.6 12.6 18.8

71 39.7 31.0 46.4



#8

2-Chlorophenol

Concen: 40.331 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF119348.D

Acq: 11 Mar 2020 15:39

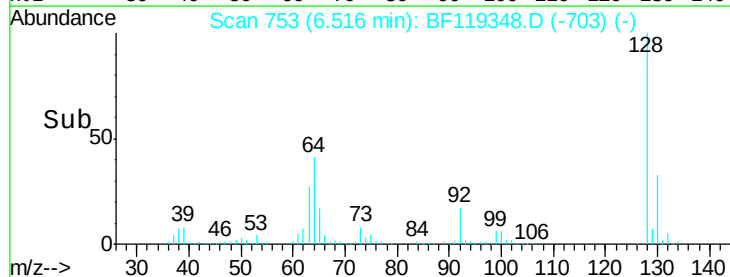
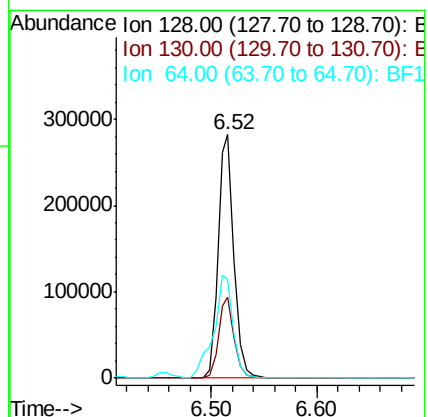
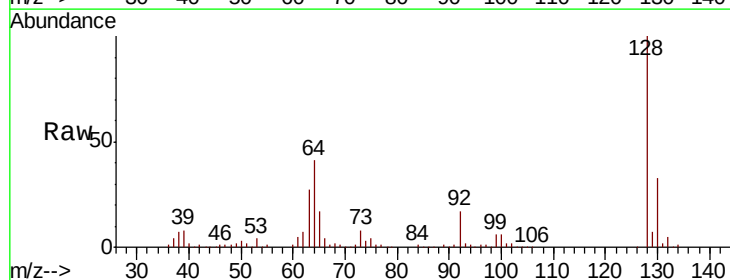
Tgt Ion: 128 Resp: 298637

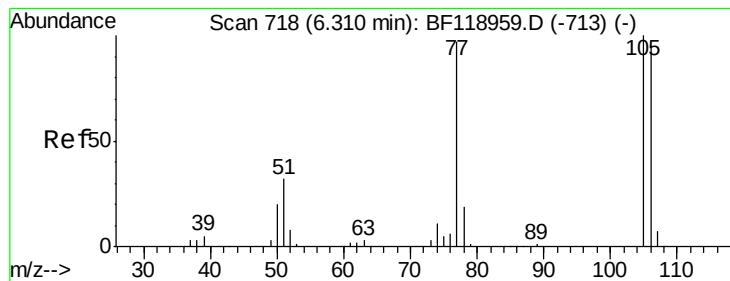
Ion Ratio Lower Upper

128 100

130 33.4 12.7 52.7

64 40.8 22.3 62.3





#9

Benzaldehyde

Concen: 32.814 ng

RT: 6.27 min Scan# 712

Delta R.T. -0.01 min

Lab File: BF119348.D

Acq: 11 Mar 2020 15:39

Instrument :

BNA_F

ClientSampleId :

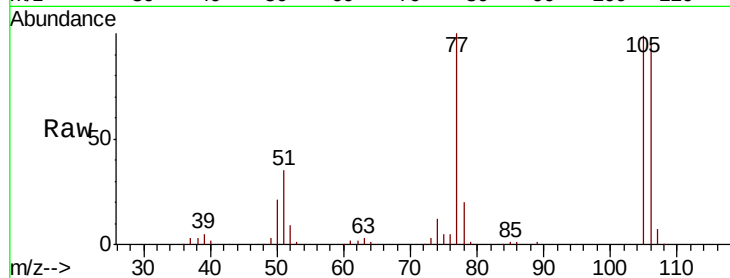
Tot Ion: 77 Resp: 182948

Ion Ratio Lower Upper

77 100

105 99.4 80.1 120.1

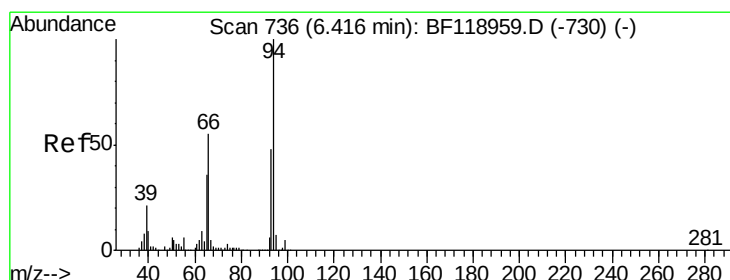
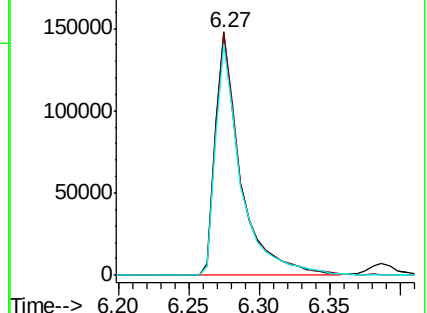
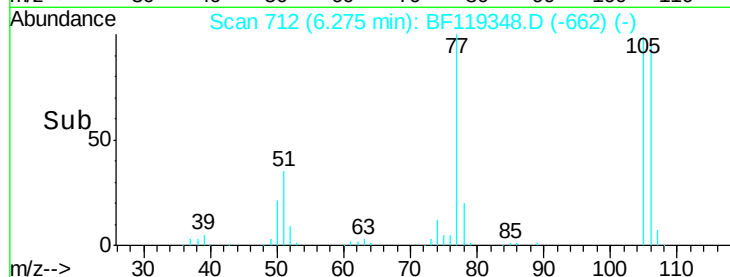
106 94.6 75.9 115.9



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: 39.360 ng

RT: 6.39 min Scan# 731

Delta R.T. -0.01 min

Lab File: BF119348.D

Acq: 11 Mar 2020 15:39

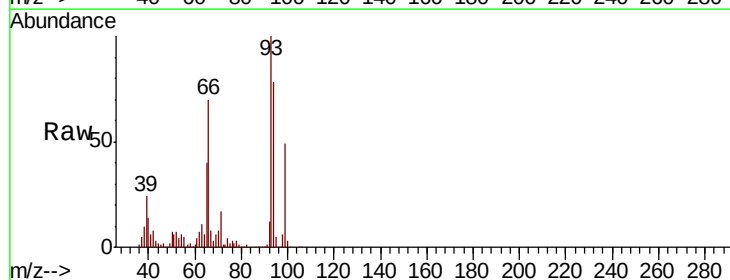
Tgt Ion: 94 Resp: 355114

Ion Ratio Lower Upper

94 100

65 51.7 19.2 59.2

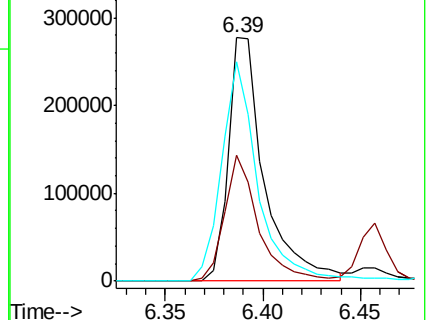
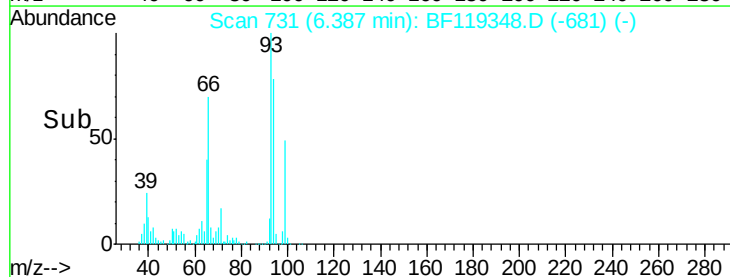
66 89.8 44.4 84.4#

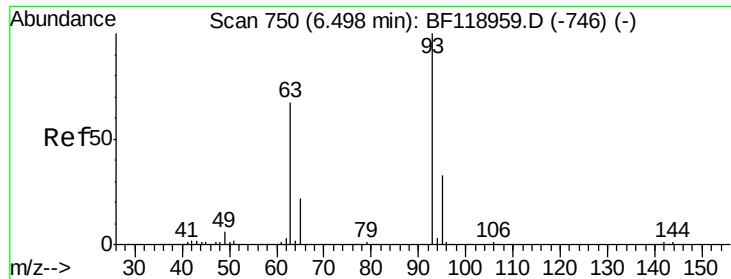


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 39.920 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF119348.D

Acq: 11 Mar 2020 15:39

Instrument :

BNA_F

ClientSampleId :

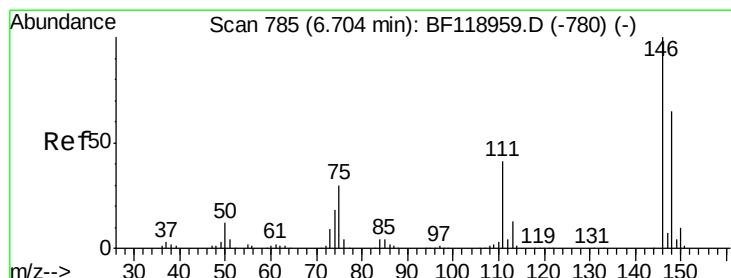
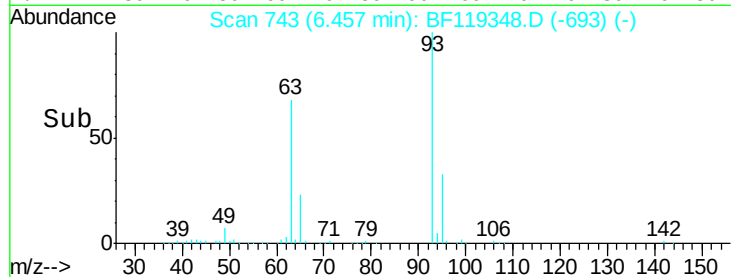
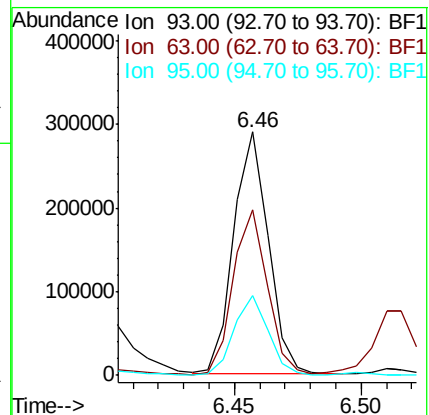
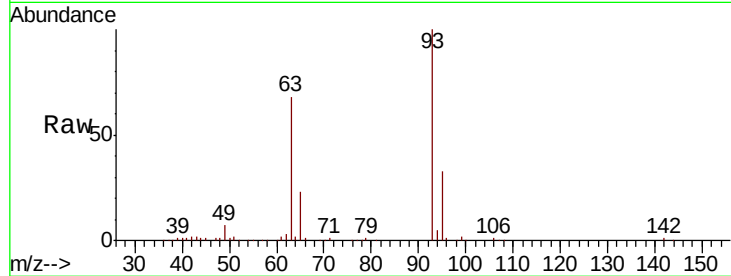
Tot Ion: 93 Resp: 275580

Ion Ratio Lower Upper

93 100

63 68.2 45.4 85.4

95 32.9 13.5 53.5



#12

1,3-Dichlorobenzene

Concen: 39.867 ng

RT: 6.66 min Scan# 777

Delta R.T. -0.01 min

Lab File: BF119348.D

Acq: 11 Mar 2020 15:39

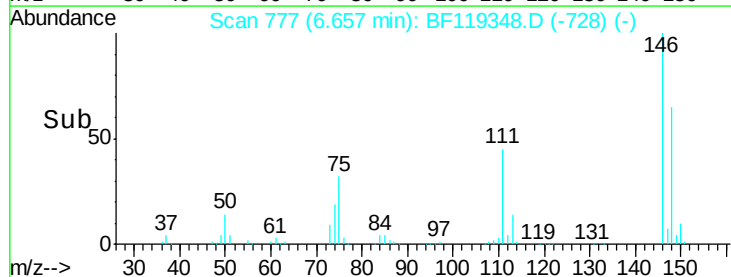
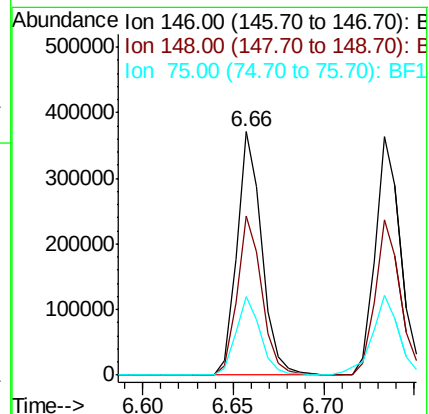
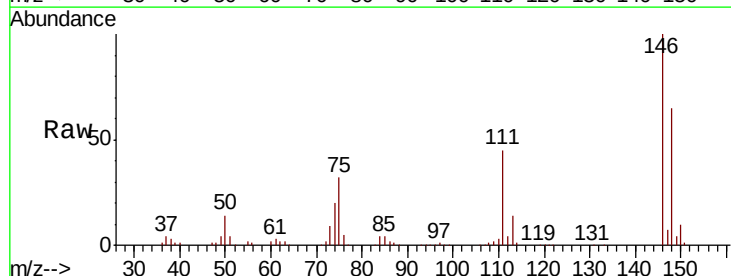
Tgt Ion: 146 Resp: 353821

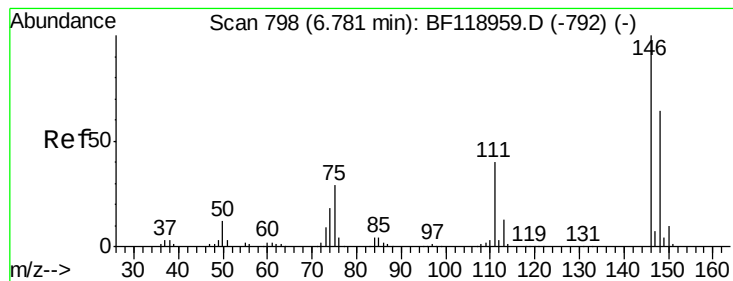
Ion Ratio Lower Upper

146 100

148 65.2 52.5 78.7

75 32.5 23.6 35.4





#13

1,4-Dichlorobenzene

Concen: 40.675 ng

RT: 6.73 min Scan# 790

Delta R.T. -0.01 min

Lab File: BF119348.D

Acq: 11 Mar 2020 15:39

Instrument :

BNA_F

ClientSampled :

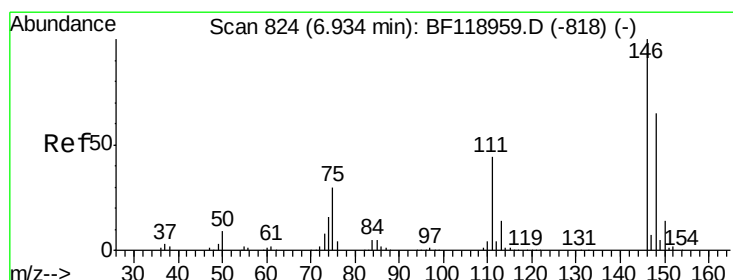
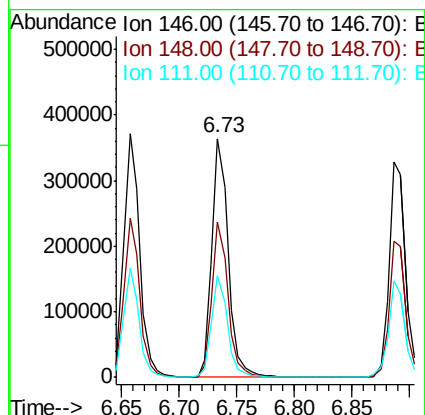
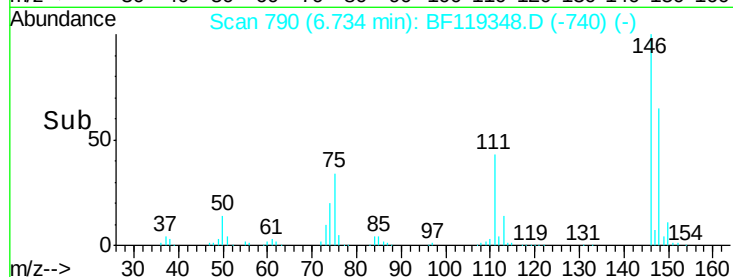
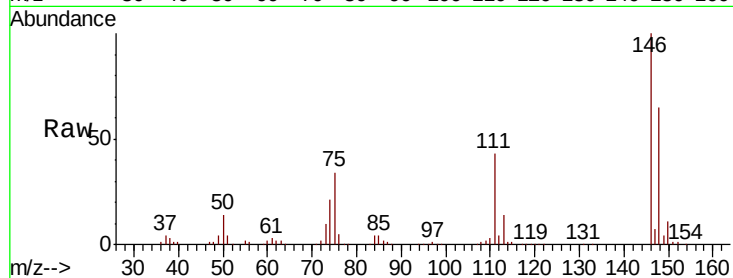
Tot Ion:146 Resp: 361244

Ion Ratio Lower Upper

146 100

148 65.1 51.1 76.7

111 42.8 34.8 52.2



#14

1,2-Dichlorobenzene

Concen: 40.759 ng

RT: 6.89 min Scan# 816

Delta R.T. -0.01 min

Lab File: BF119348.D

Acq: 11 Mar 2020 15:39

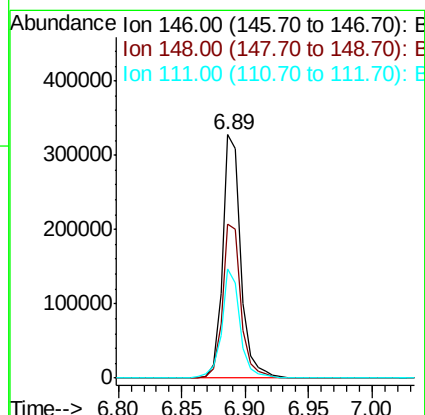
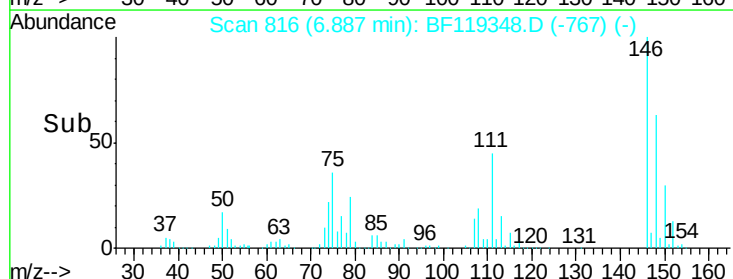
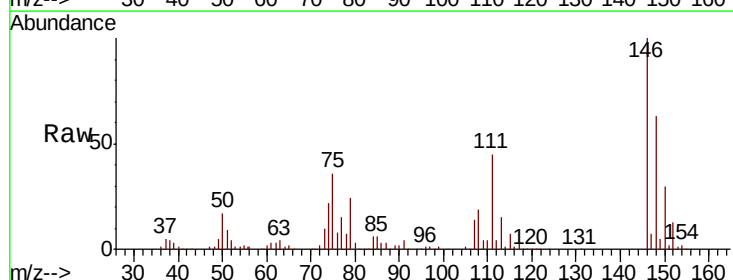
Tgt Ion:146 Resp: 330131

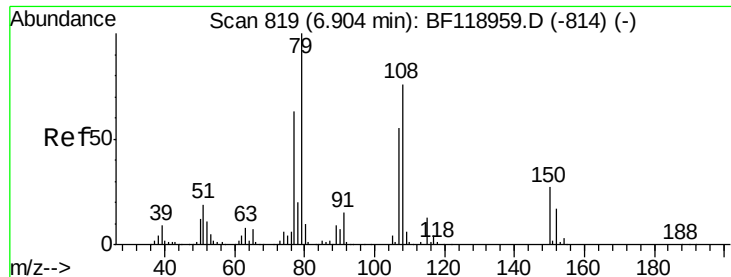
Ion Ratio Lower Upper

146 100

148 63.2 51.9 77.9

111 45.0 36.2 54.2

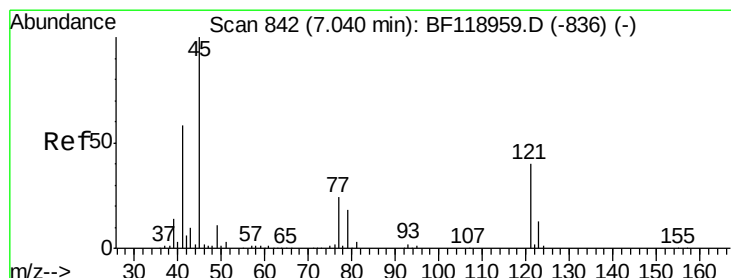
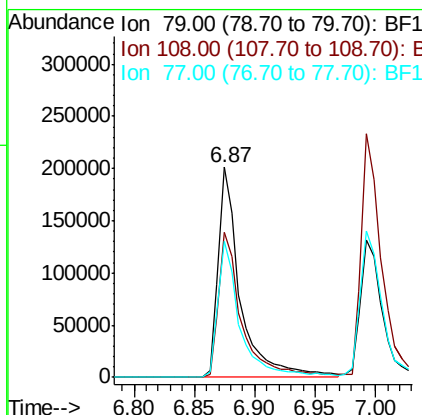
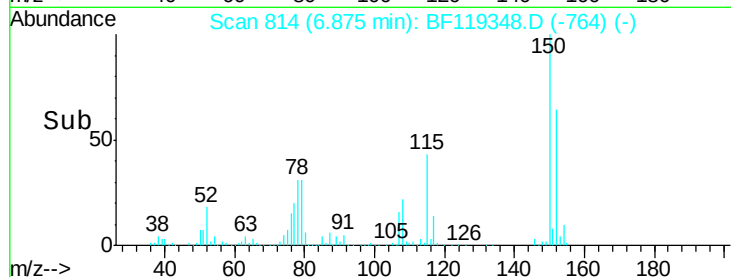
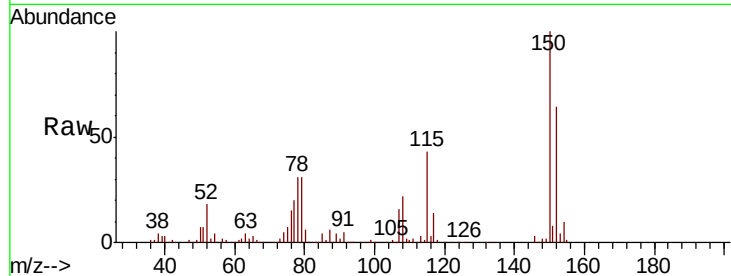




#15
Benzyl Alcohol
Concen: 42.166 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF119348.D
Acq: 11 Mar 2020 15:39

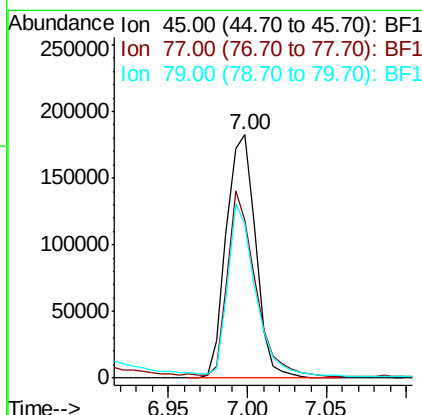
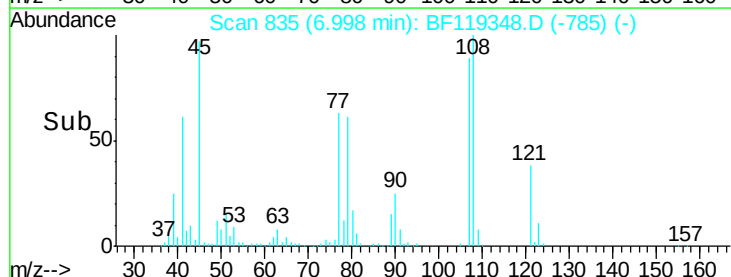
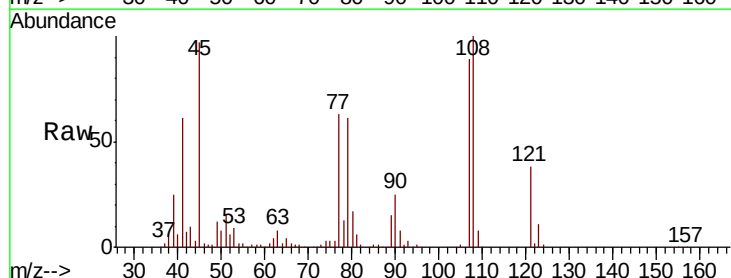
Instrument :
BNA_F
ClientSampleId :

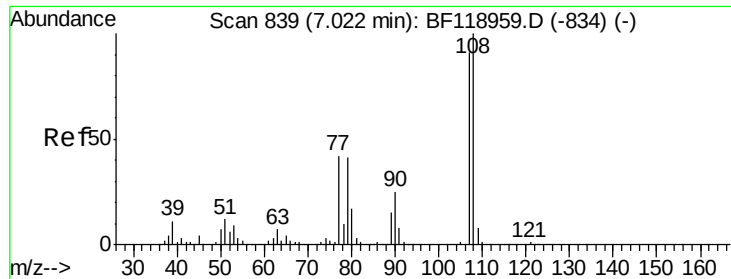
Tot Ion: 79 Resp: 254305
Ion Ratio Lower Upper
79 100
108 69.0 58.2 87.2
77 64.9 51.2 76.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.428 ng
RT: 7.00 min Scan# 835
Delta R.T. -0.01 min
Lab File: BF119348.D
Acq: 11 Mar 2020 15:39

Tgt Ion: 45 Resp: 235777
Ion Ratio Lower Upper
45 100
77 65.0 15.0 55.0#
79 63.5 9.4 49.4#

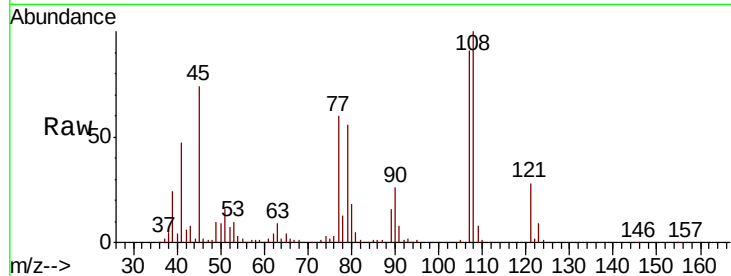




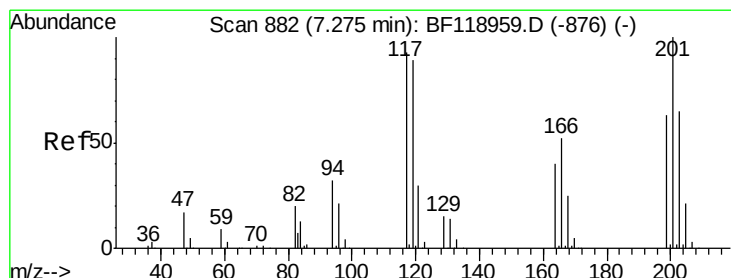
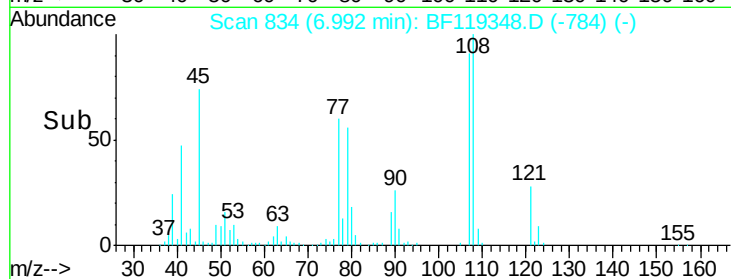
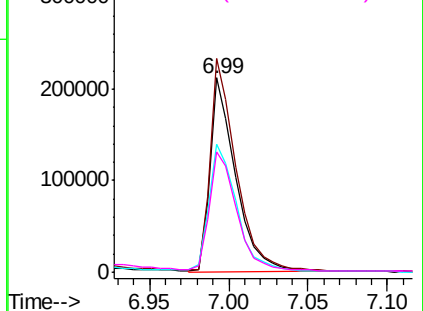
#17
2-Methylphenol
Concen: 39.916 ng
RT: 6.99 min Scan# 834
Delta R.T. -0.01 min
Lab File: BF119348.D
Acq: 11 Mar 2020 15:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 239633
Ion Ratio Lower Upper
107 100
108 109.9 87.9 131.9
77 66.0 45.3 67.9
79 61.8 43.0 64.4

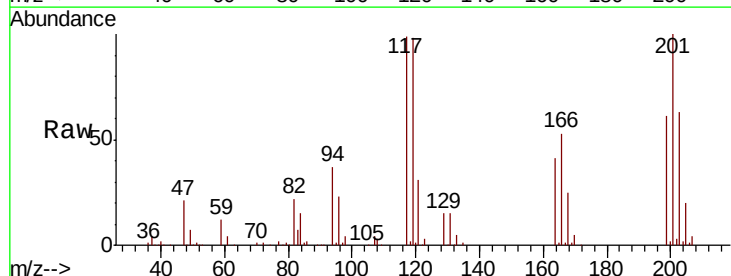


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

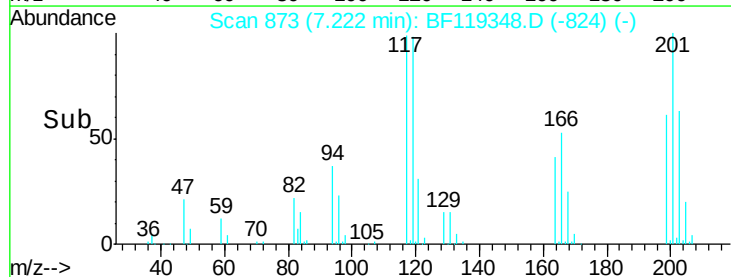
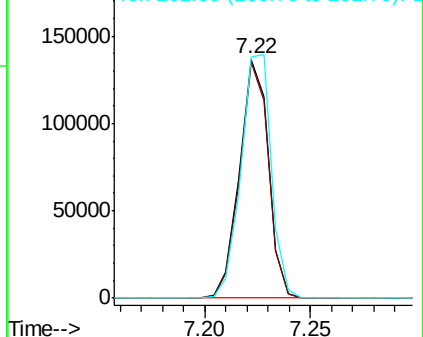


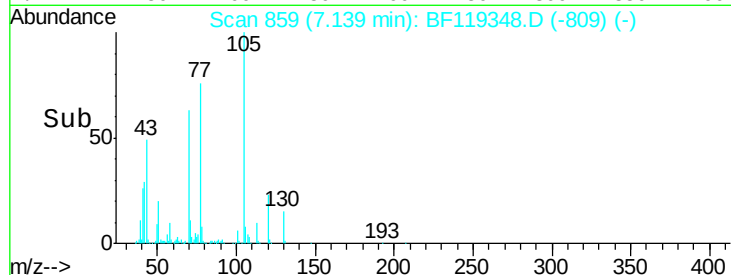
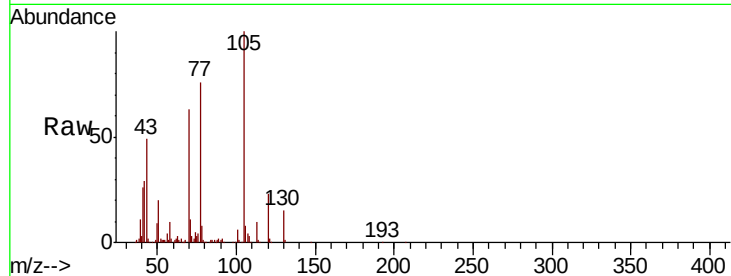
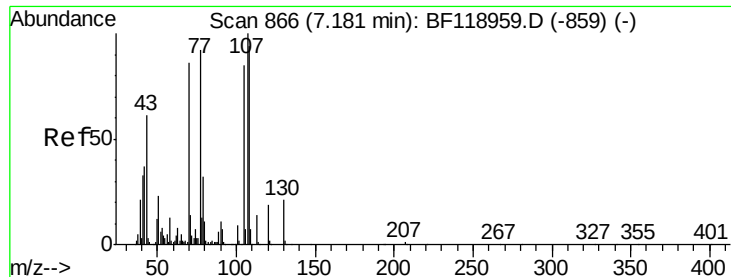
#18
Hexachloroethane
Concen: 40.652 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.01 min
Lab File: BF119348.D
Acq: 11 Mar 2020 15:39

Tgt Ion:117 Resp: 129168
Ion Ratio Lower Upper
117 100
119 98.5 77.5 116.3
201 100.8 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

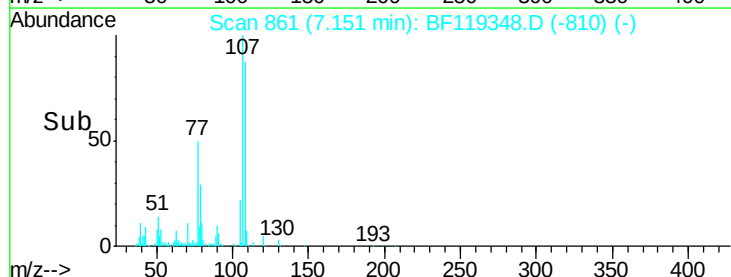
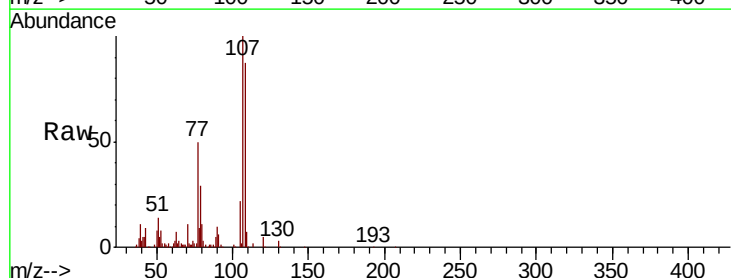
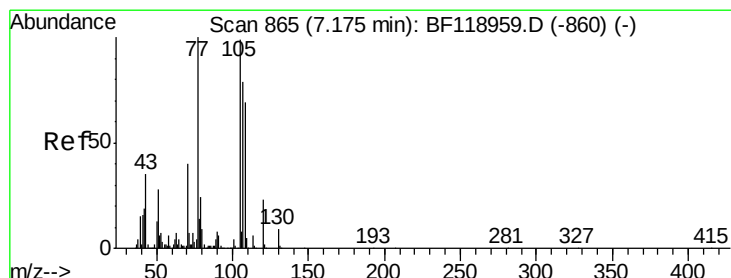
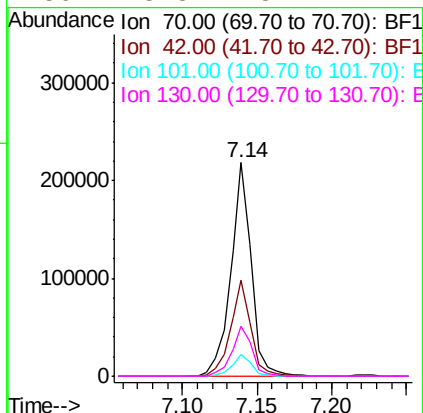




#19
n-Nitroso-di-n-propylamine
Concen: 43.405 ng
RT: 7.14 min Scan# 859
Delta R.T. -0.01 min
Lab File: BF119348.D
Acq: 11 Mar 2020 15:39

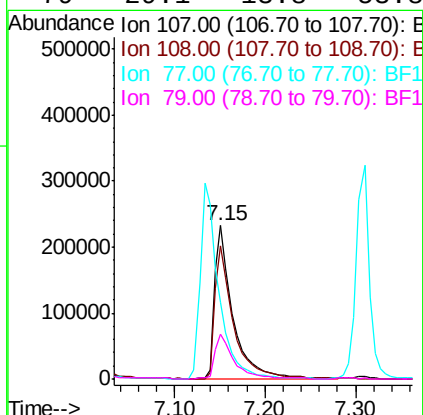
Instrument :
BNA_F
ClientSampleId :

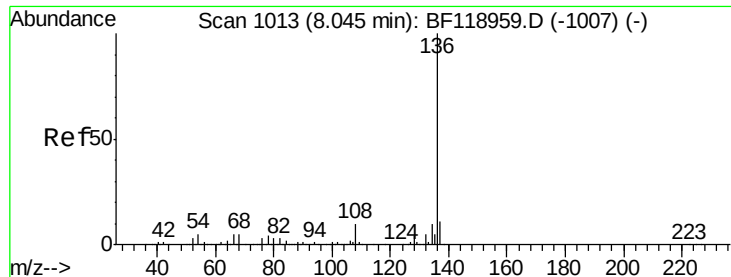
Tot Ion	70	Resp	211055
Ion	Ratio	Lower	Upper
70	100		
42	45.2	38.0	57.0
101	10.1	8.2	12.4
130	23.3	18.2	27.4



#20
3+4-Methylphenols
Concen: 43.602 ng
RT: 7.15 min Scan# 861
Delta R.T. 0.00 min
Lab File: BF119348.D
Acq: 11 Mar 2020 15:39

Tgt Ion	107	Resp	320695
Ion	Ratio	Lower	Upper
107	100		
108	86.8	71.5	111.5
77	49.8	45.9	85.9
79	29.1	13.8	53.8

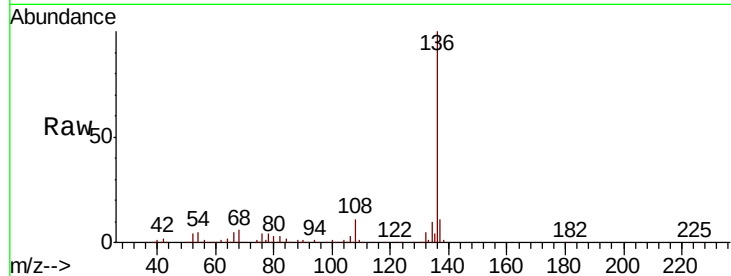




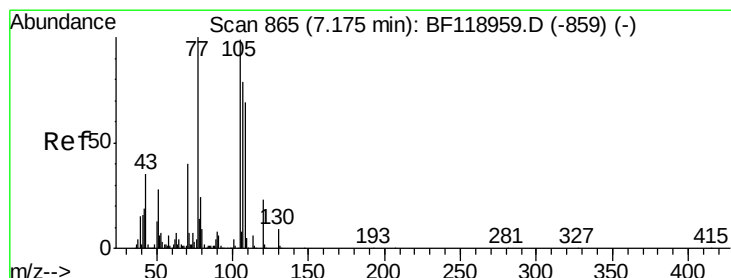
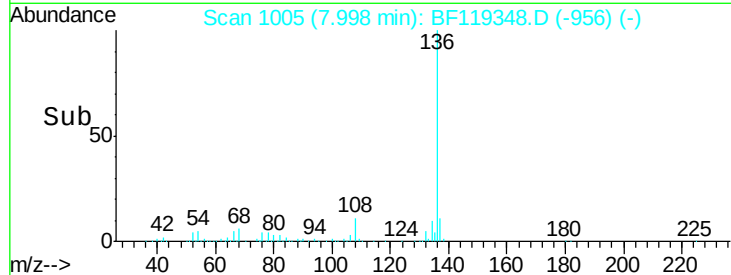
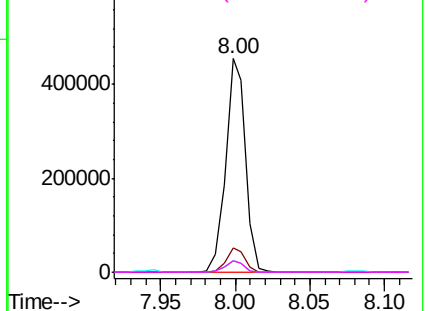
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BF119348.D
Acq: 11 Mar 2020 15:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	427844	
Ion Ratio	Lower	Upper	
136 100			
137 11.3	8.8	13.2	
54 5.3	3.8	5.6	
68 5.5	3.9	5.9	

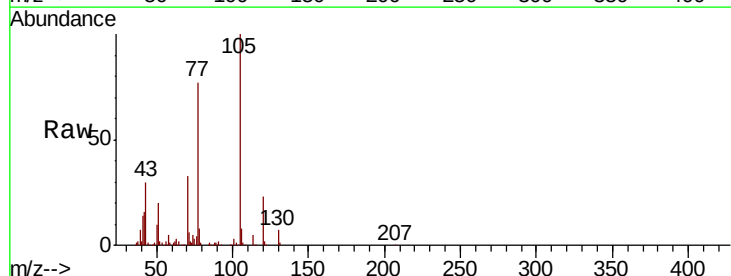


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

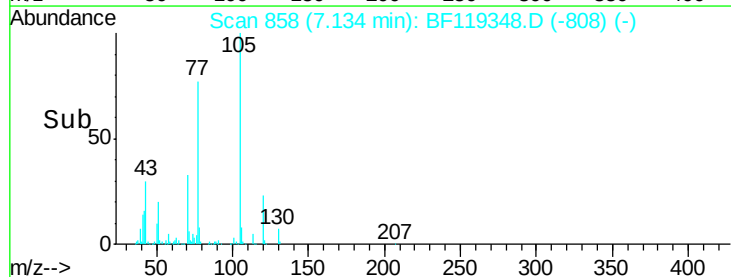
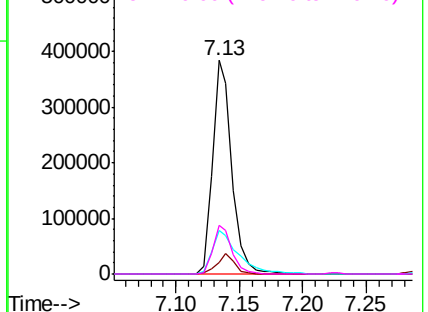


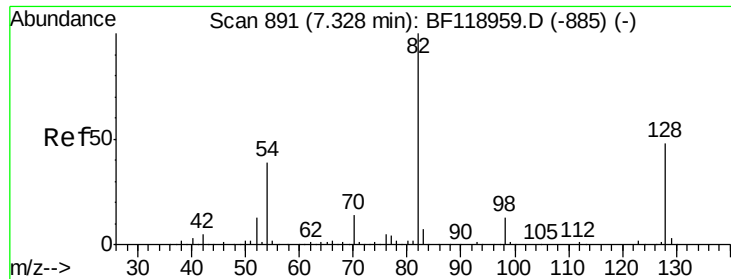
#22
Acetophenone
Concen: 41.403 ng
RT: 7.13 min Scan# 858
Delta R.T. -0.01 min
Lab File: BF119348.D
Acq: 11 Mar 2020 15:39

Tgt	Ion:105	Resp:	409856
Ion	Ratio	Lower	Upper
105	100		
71	5.5	3.0	4.4#
51	20.4	20.1	30.1
120	22.6	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

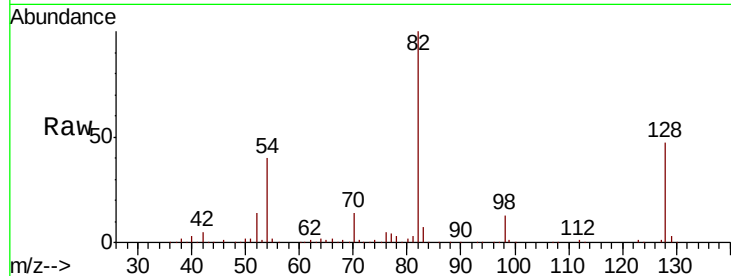




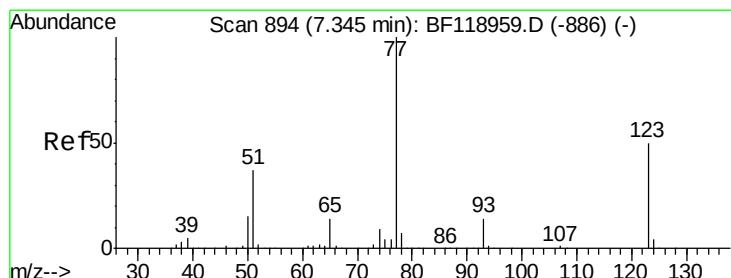
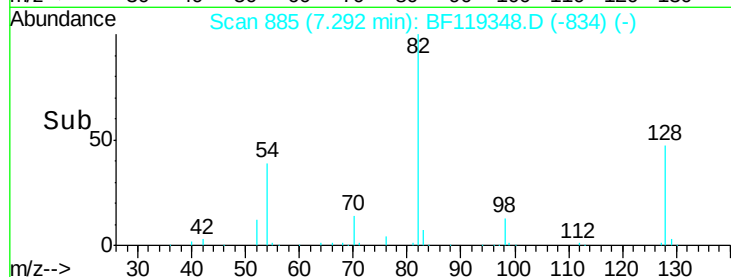
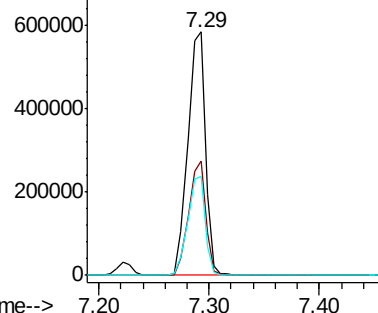
#23
Nitrobenzene-d5
Concen: 79.676 ng
RT: 7.29 min Scan# 885
Delta R.T. 0.00 min
Lab File: BF119348.D
Acq: 11 Mar 2020 15:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion	82	Resp	645620
Ion Ratio	100	Lower	Upper
128	47.0	37.9	56.9
54	40.4	33.4	50.2

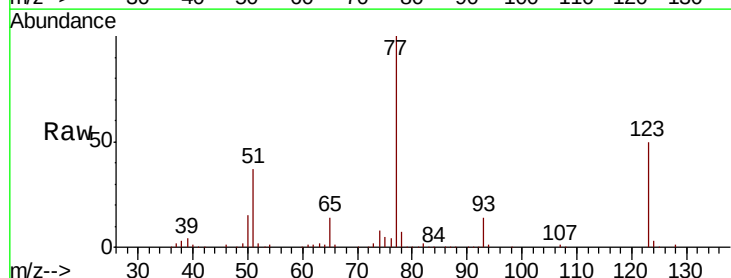


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

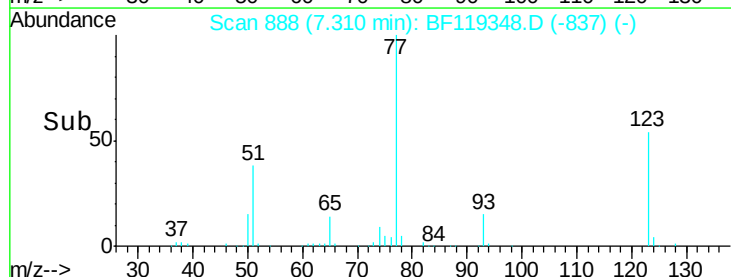
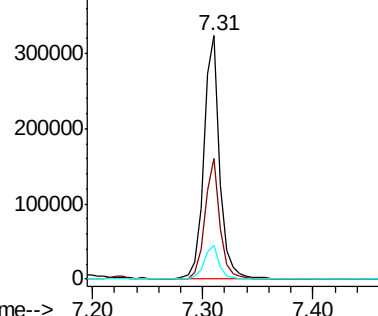


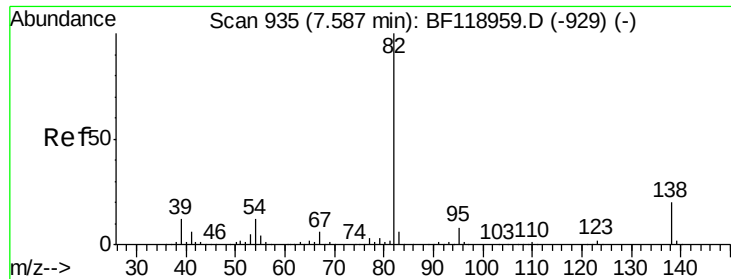
#24
Nitrobenzene
Concen: 40.197 ng
RT: 7.31 min Scan# 888
Delta R.T. 0.00 min
Lab File: BF119348.D
Acq: 11 Mar 2020 15:39

Tgt Ion	77	Resp	322103
Ion Ratio	100	Lower	Upper
123	49.8	40.2	60.2
65	13.6	10.8	16.2



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





#25

Isophorone

Concen: 39.723 ng

RT: 7.55 min Scan# 928

Delta R.T. -0.01 min

Lab File: BF119348.D

Acq: 11 Mar 2020 15:39

Instrument :

BNA_F

ClientSampleId :

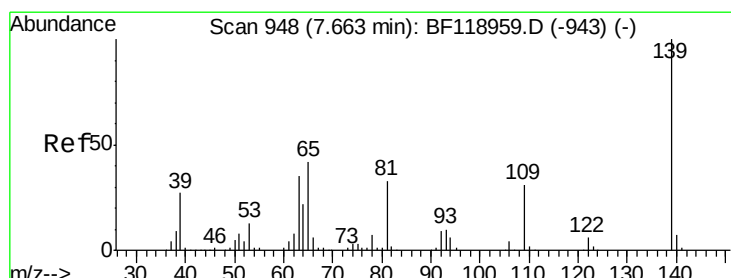
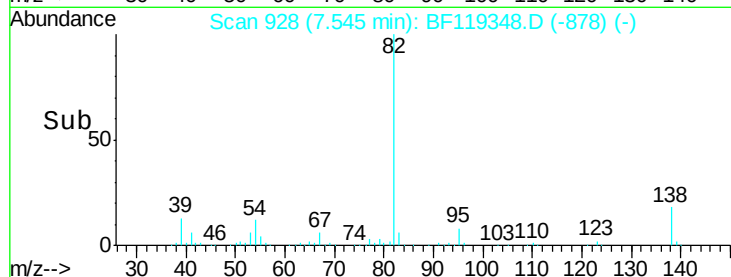
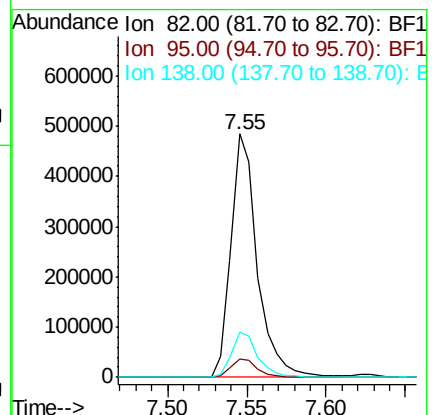
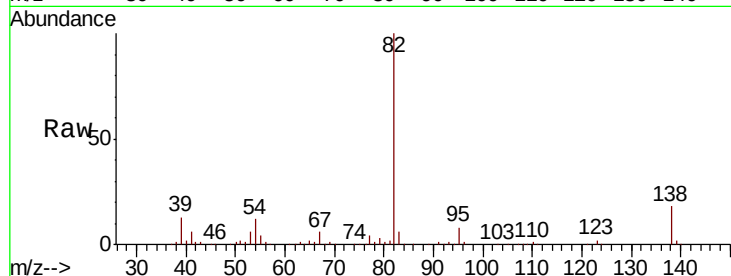
Tot Ion: 82 Resp: 559014

Ion Ratio Lower Upper

82 100

95 7.8 6.4 9.6

138 18.4 15.7 23.5



#26

2-Nitrophenol

Concen: 39.056 ng

RT: 7.63 min Scan# 942

Delta R.T. 0.00 min

Lab File: BF119348.D

Acq: 11 Mar 2020 15:39

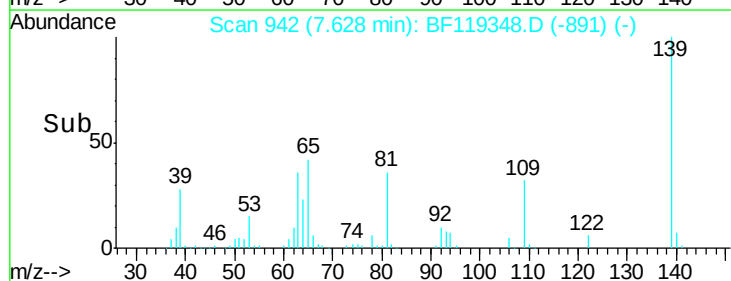
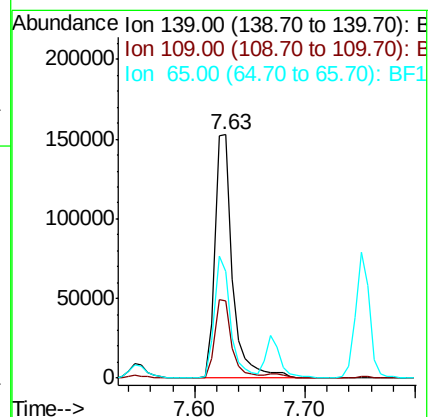
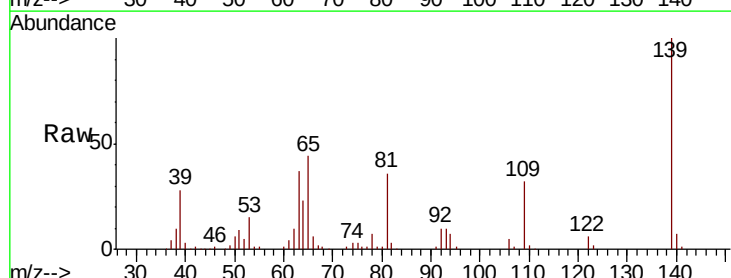
Tgt Ion: 139 Resp: 165821

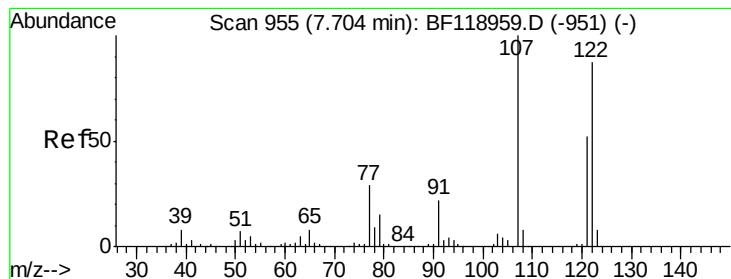
Ion Ratio Lower Upper

139 100

109 31.7 25.7 38.5

65 43.6 37.1 55.7





#27

2,4-Dimethylphenol

Concen: 38.769 ng

RT: 7.67 min Scan# 949

Delta R.T. -0.01 min

Lab File: BF119348.D

Acq: 11 Mar 2020 15:39

Instrument :

BNA_F

ClientSampleId :

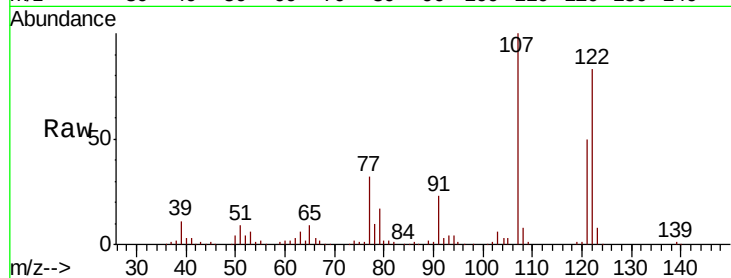
Tot Ion:122 Resp: 223398

Ion Ratio Lower Upper

122 100

107 120.1 93.8 140.6

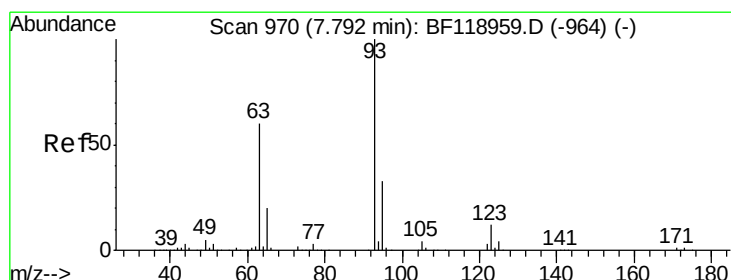
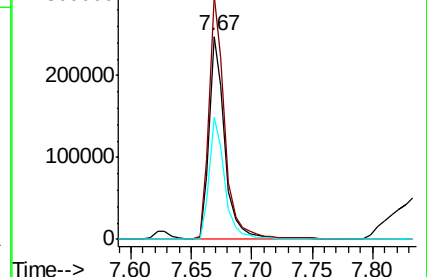
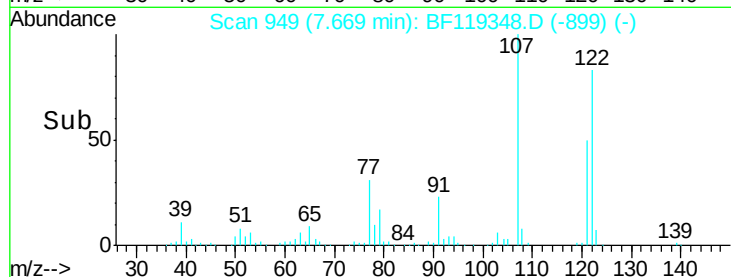
121 60.5 48.2 72.2



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 39.369 ng

RT: 7.75 min Scan# 963

Delta R.T. -0.01 min

Lab File: BF119348.D

Acq: 11 Mar 2020 15:39

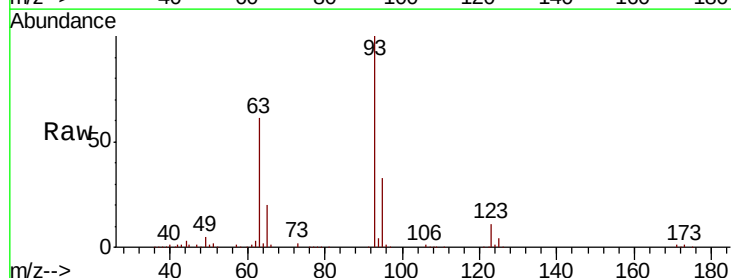
Tgt Ion: 93 Resp: 360617

Ion Ratio Lower Upper

93 100

95 32.7 26.5 39.7

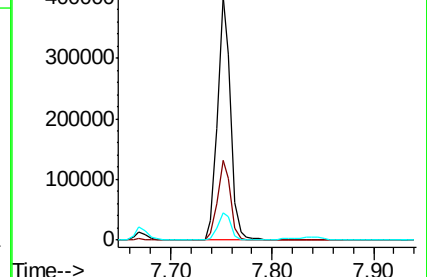
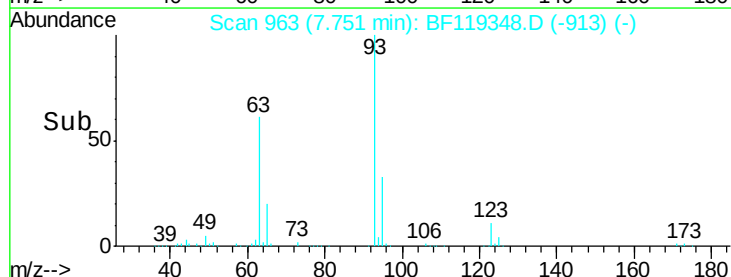
123 11.4 10.2 15.2

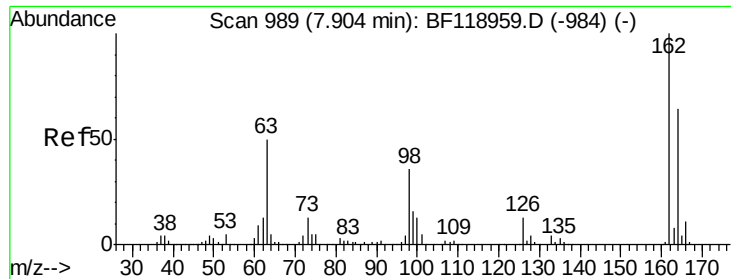


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

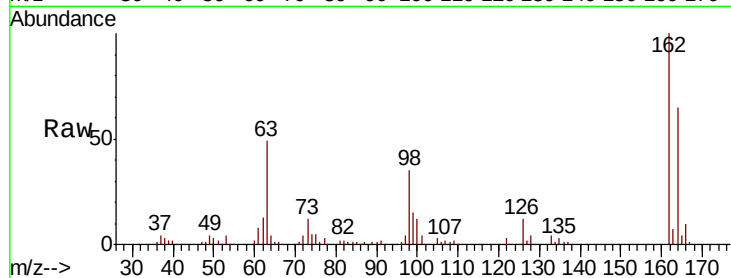




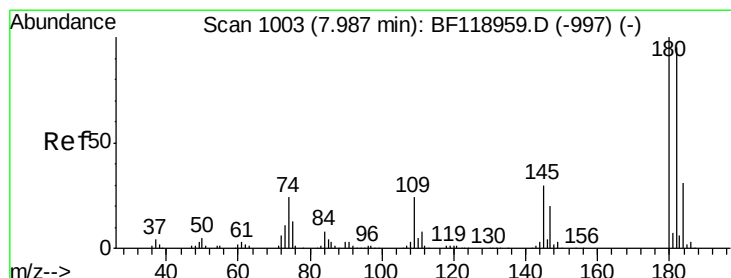
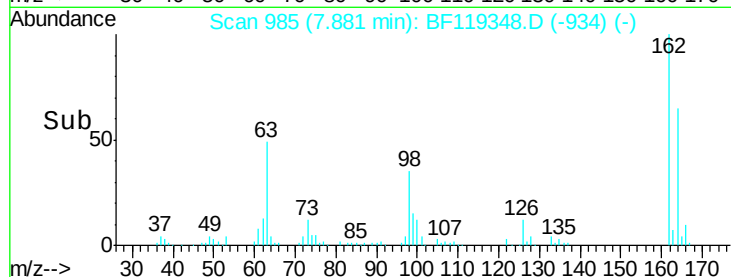
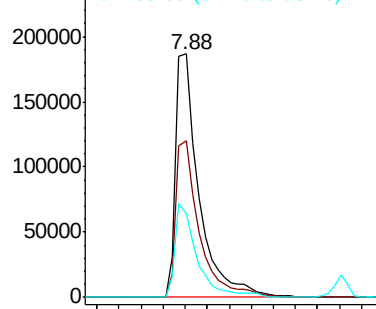
#29
2,4-Dichlorophenol
Concen: 39.548 ng
RT: 7.88 min Scan# 985
Delta R.T. 0.00 min
Lab File: BF119348.D
Acq: 11 Mar 2020 15:39

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.6	45.2	85.2
98	34.6	17.4	57.4

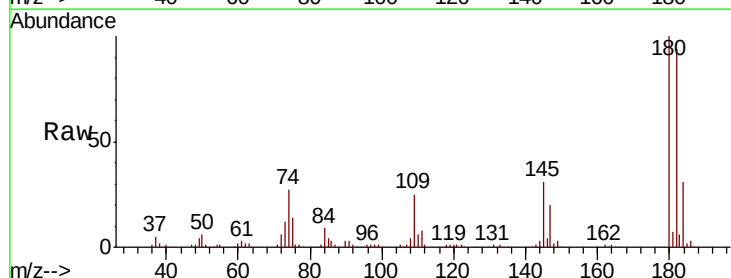


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

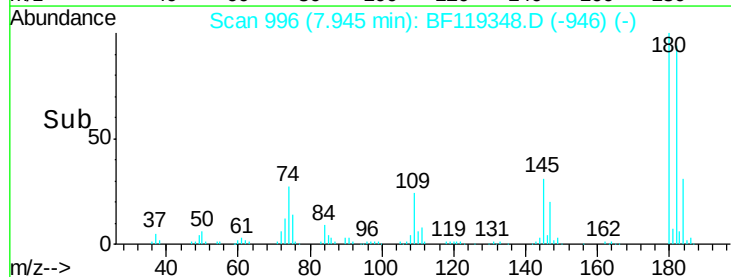
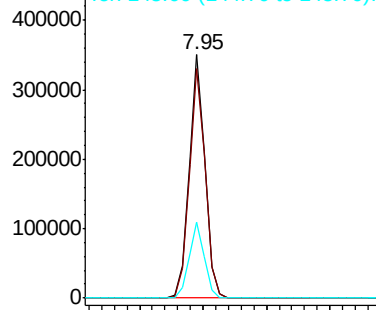


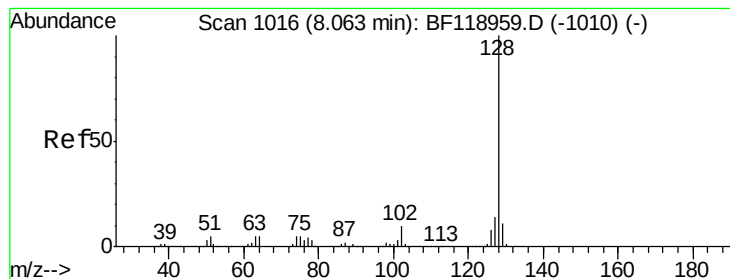
#30
1,2,4-Trichlorobenzene
Concen: 38.352 ng
RT: 7.95 min Scan# 996
Delta R.T. -0.01 min
Lab File: BF119348.D
Acq: 11 Mar 2020 15:39

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.4	77.8	116.6
145	31.3	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: 39.430 ng

RT: 8.02 min Scan# 1009

Delta R.T. -0.01 min

Lab File: BF119348.D

Acq: 11 Mar 2020 15:39

Instrument :

BNA_F

ClientSampleId :

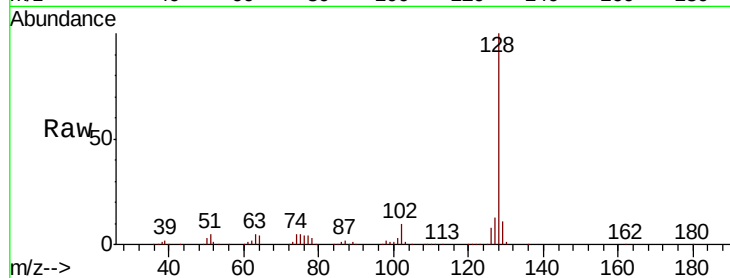
Tot Ion:128 Resp: 874907

Ion Ratio Lower Upper

128 100

129 11.3 9.4 14.2

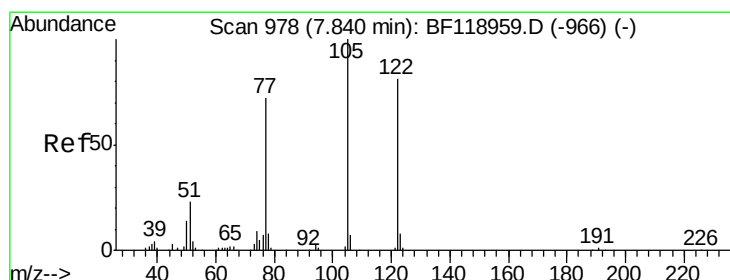
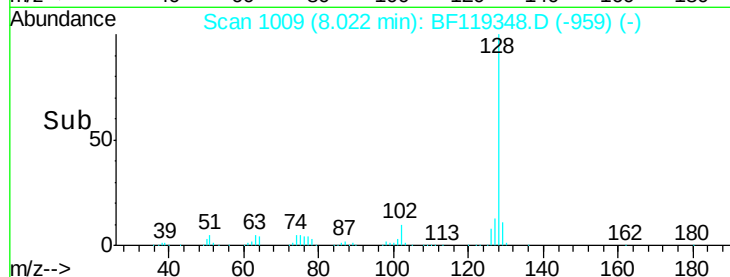
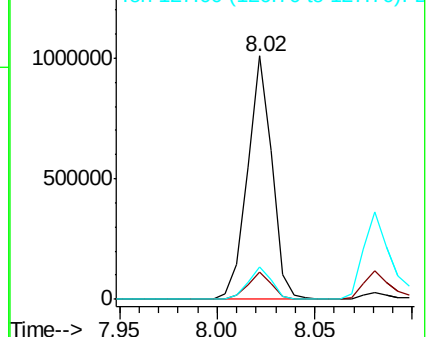
127 13.2 11.4 17.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 34.600 ng

RT: 7.85 min Scan# 979

Delta R.T. 0.01 min

Lab File: BF119348.D

Acq: 11 Mar 2020 15:39

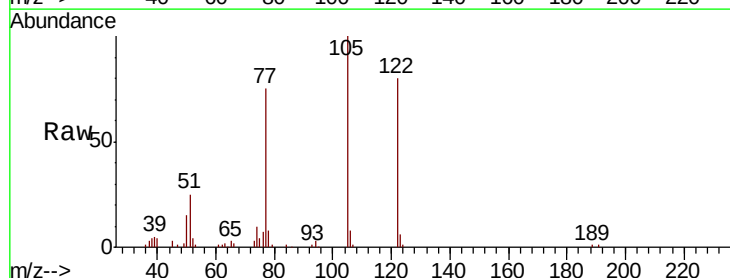
Tgt Ion:122 Resp: 136366

Ion Ratio Lower Upper

122 100

105 124.2 106.3 146.3

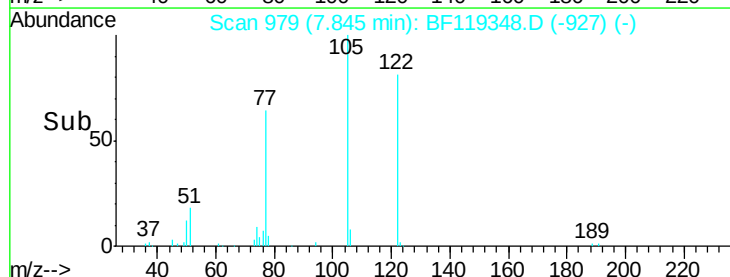
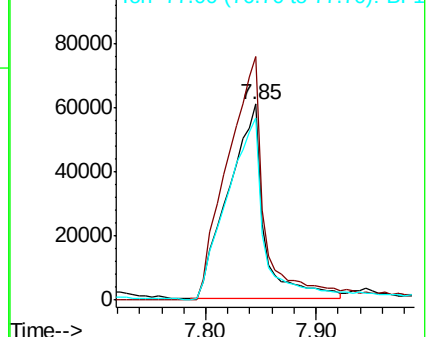
77 93.2 73.1 113.1

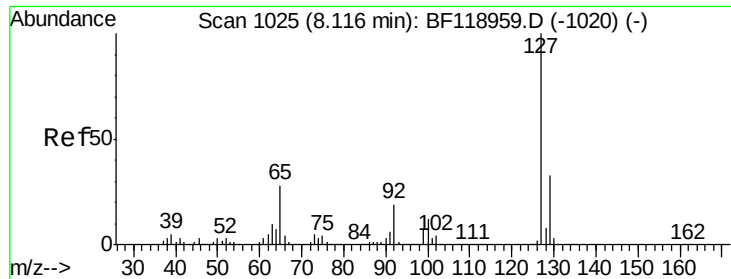


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

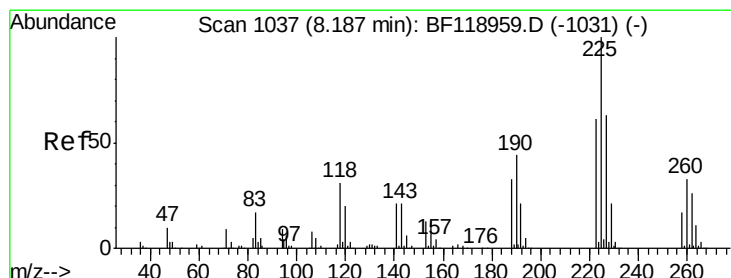
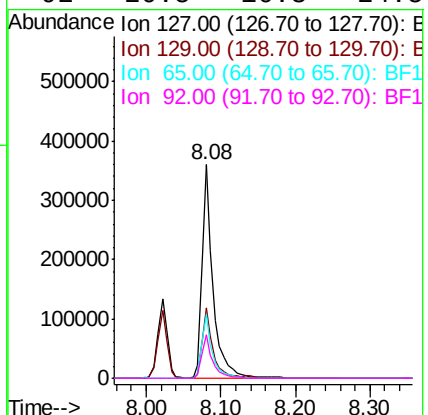
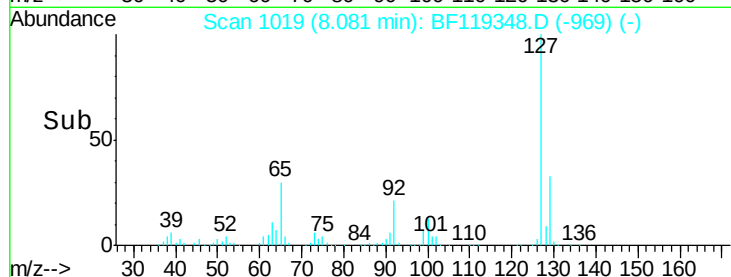
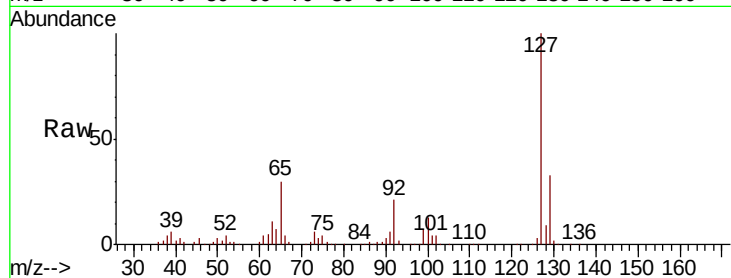




#33
4-Chloroaniline
Concen: 39.469 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BF119348.D
Acq: 11 Mar 2020 15:39

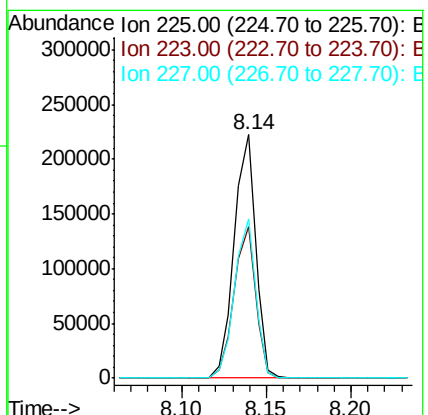
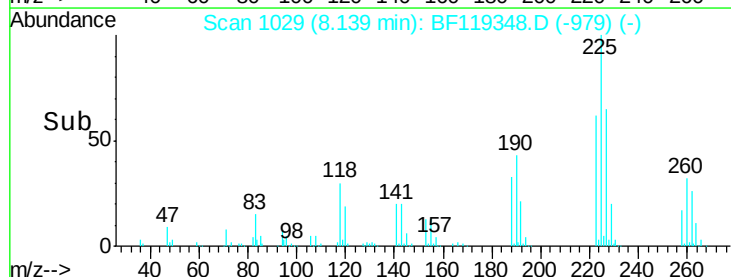
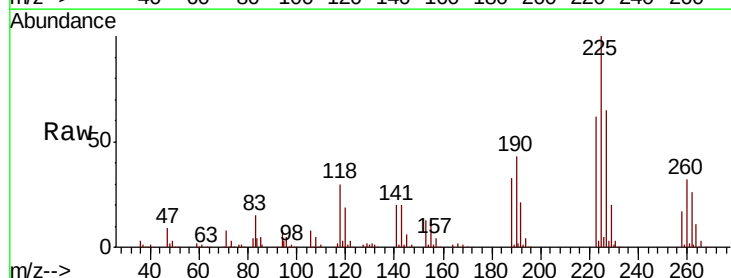
Instrument :
BNA_F
ClientSampled :

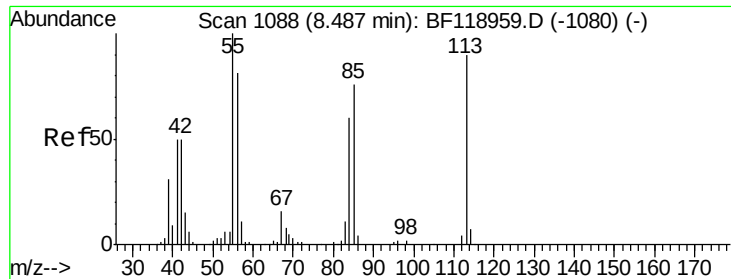
Tot Ion:	127	Resp:	376675
Ion	Ratio	Lower	Upper
127	100		
129	32.9	25.9	38.9
65	30.2	23.9	35.9
92	20.5	16.3	24.5



#34
Hexachlorobutadiene
Concen: 39.439 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BF119348.D
Acq: 11 Mar 2020 15:39

Tgt Ion:	225	Resp:	197583
Ion	Ratio	Lower	Upper
225	100		
223	62.3	49.4	74.2
227	65.2	52.9	79.3

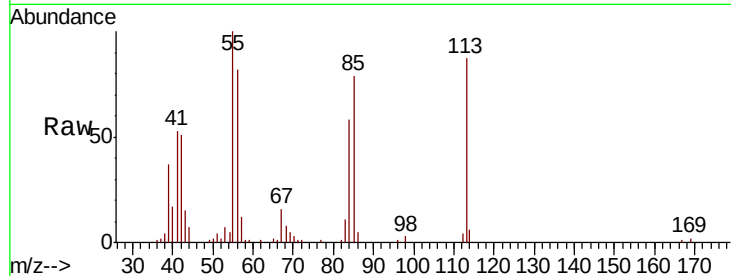




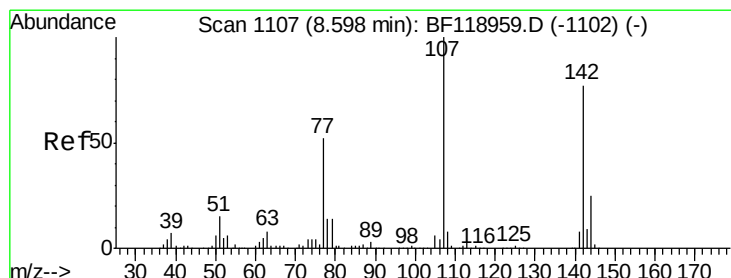
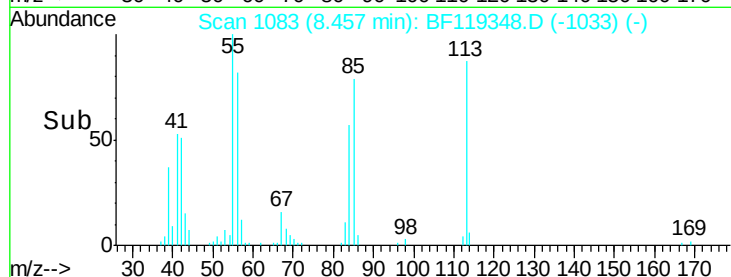
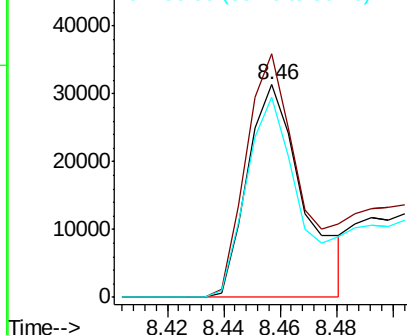
#35
 Caprolactam
 Concen: 20.720 ng
 RT: 8.46 min Scan# 1083
 Delta R.T. -0.01 min
 Lab File: BF119348.D
 Acq: 11 Mar 2020 15:39

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:113 Resp: 43279
 Ion Ratio Lower Upper
 113 100
 55 114.5 95.7 135.7
 56 94.2 73.1 113.1

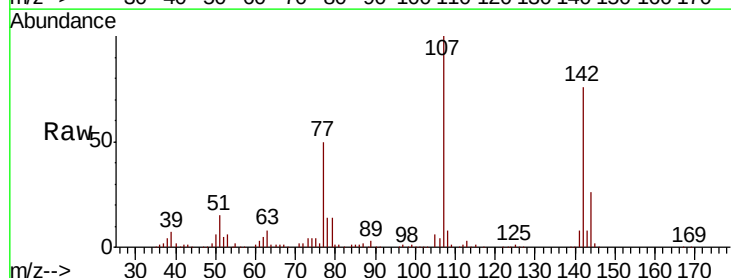


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

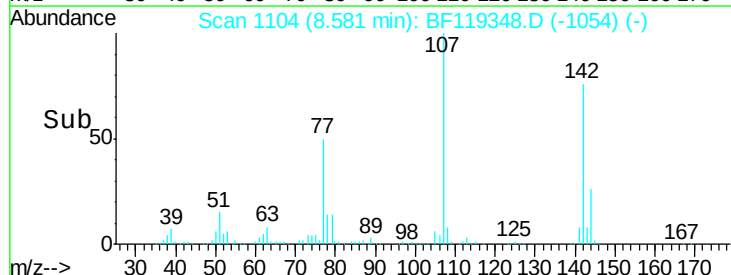
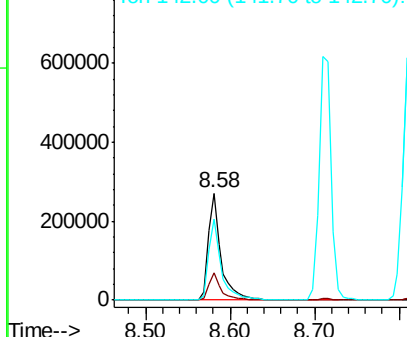


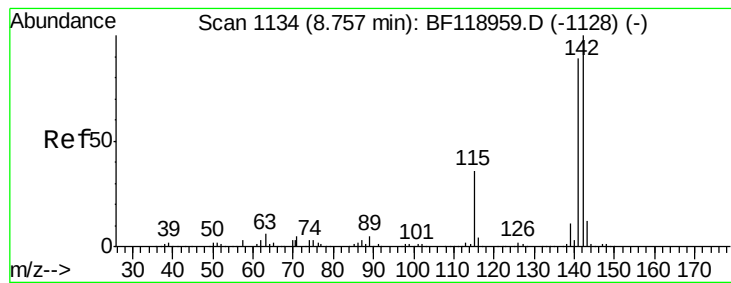
#36
 4-Chloro-3-methylphenol
 Concen: 41.464 ng
 RT: 8.58 min Scan# 1104
 Delta R.T. -0.01 min
 Lab File: BF119348.D
 Acq: 11 Mar 2020 15:39

Tgt Ion:107 Resp: 284658
 Ion Ratio Lower Upper
 107 100
 144 25.8 20.1 30.1
 142 76.2 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: 39.565 ng

RT: 8.71 min Scan# 1126

Delta R.T. -0.01 min

Lab File: BF119348.D

Acq: 11 Mar 2020 15:39

Instrument :

BNA_F

ClientSampleId :

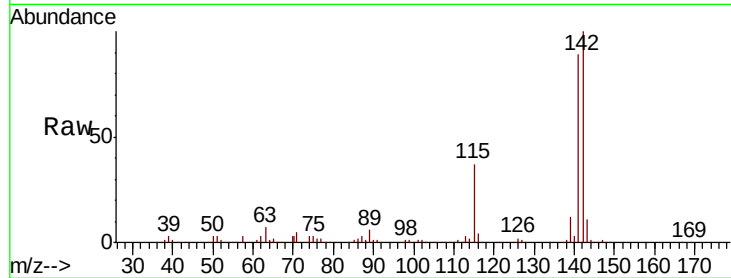
Tot Ion:142 Resp: 590794

Ion Ratio Lower Upper

142 100

141 89.4 72.3 108.5

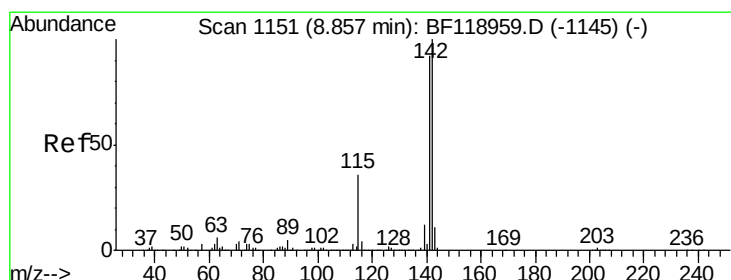
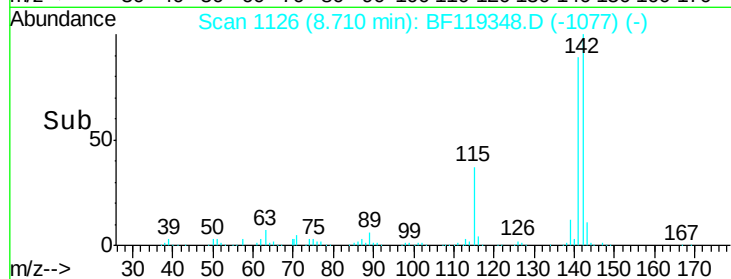
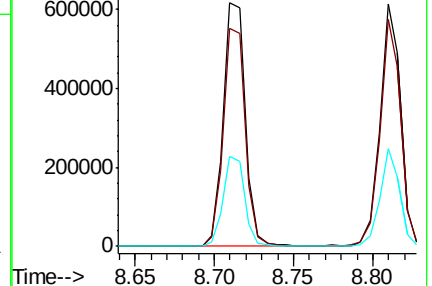
115 37.2 30.6 45.8



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: 39.605 ng

RT: 8.81 min Scan# 1143

Delta R.T. -0.01 min

Lab File: BF119348.D

Acq: 11 Mar 2020 15:39

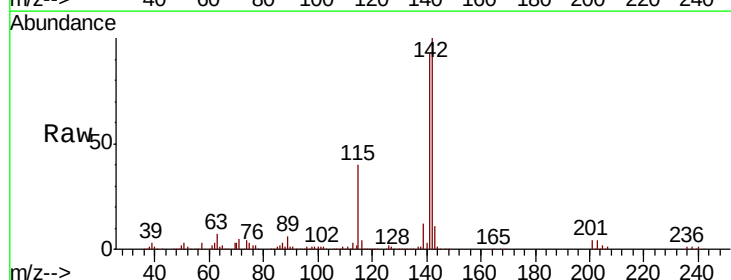
Tgt Ion:142 Resp: 556174

Ion Ratio Lower Upper

142 100

141 93.4 75.8 113.6

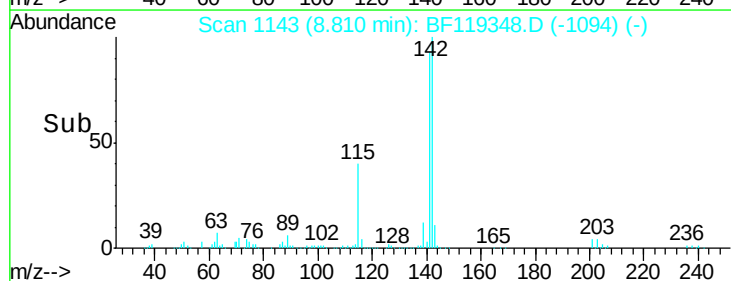
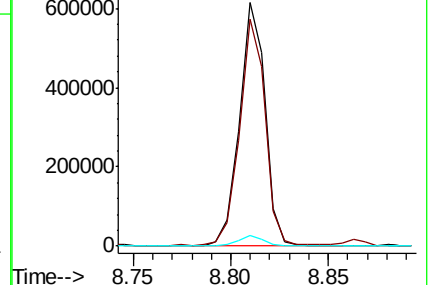
116 4.1 3.1 4.7

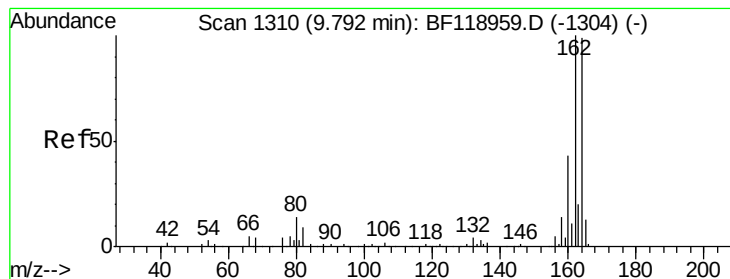


Abundance Ion 142.00 (141.70 to 142.70): E

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: 9.75 min Scan# 1303

Delta R.T. -0.01 min

Lab File: BF119348.D

Acq: 11 Mar 2020 15:39

Instrument :

BNA_F

ClientSampleId :

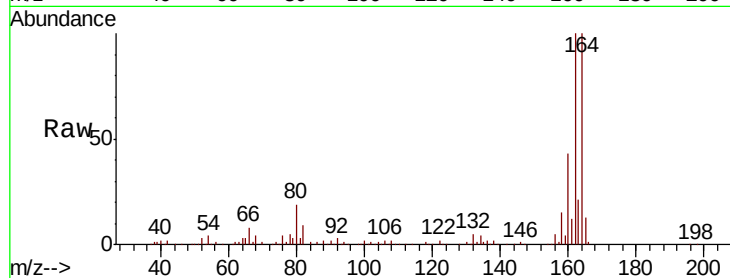
Tot Ion:164 Resp: 241857

Ion Ratio Lower Upper

164 100

162 100.5 81.8 122.8

160 43.6 36.0 54.0

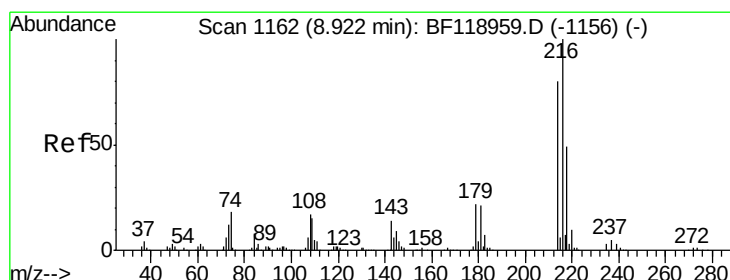
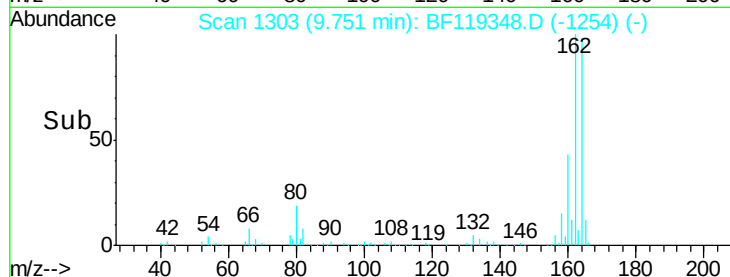
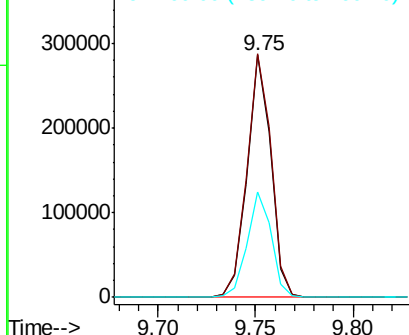


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 38.645 ng

RT: 8.89 min Scan# 1156

Delta R.T. -0.01 min

Lab File: BF119348.D

Acq: 11 Mar 2020 15:39

Tgt Ion:216 Resp: 315126

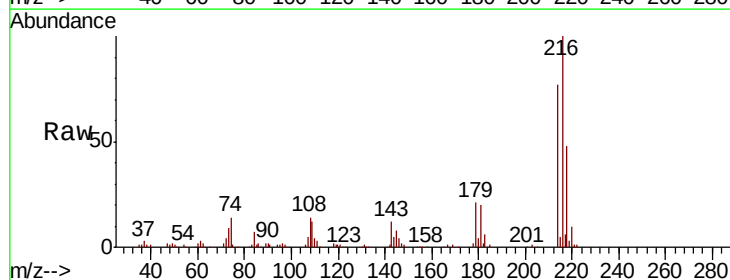
Ion Ratio Lower Upper

216 100

214 77.7 63.3 94.9

179 21.6 17.7 26.5

108 17.7 13.9 20.9



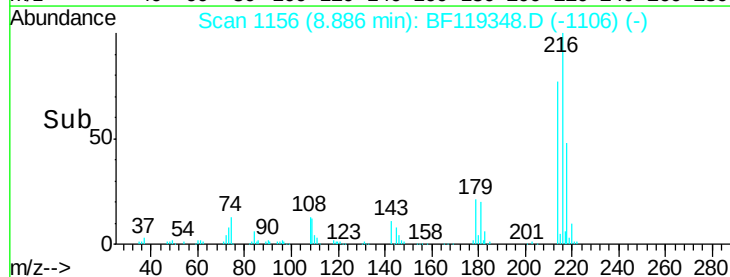
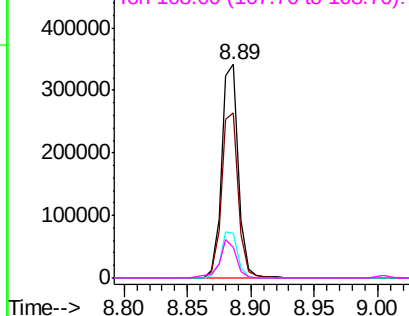
Abundance

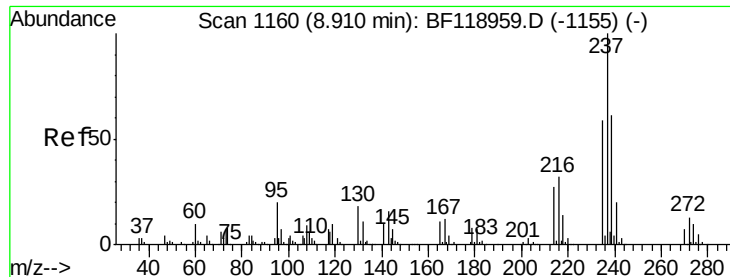
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

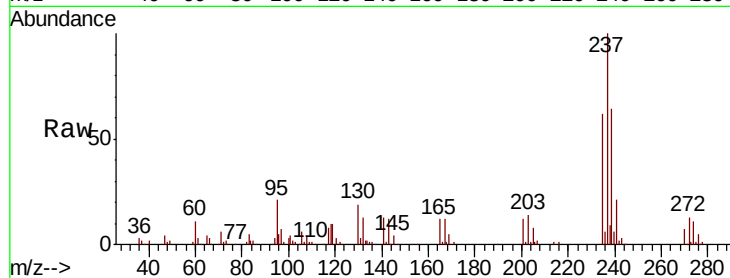




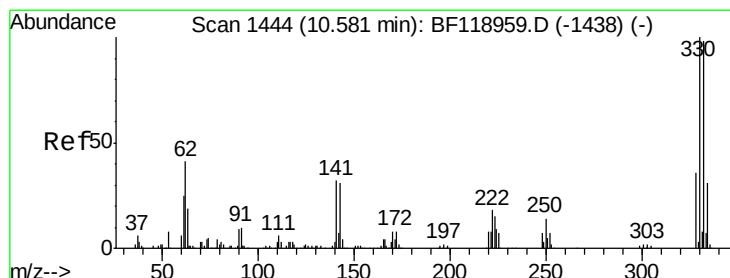
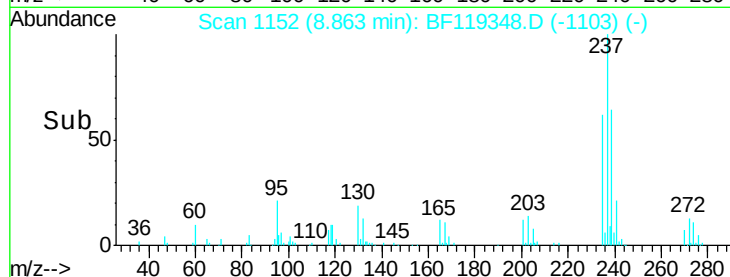
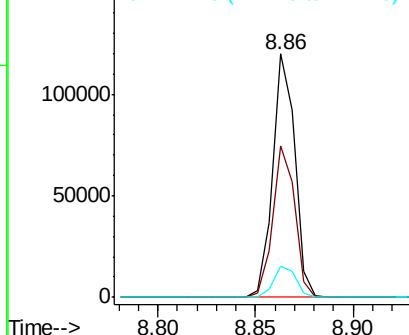
#41
Hexachlorocyclopentadiene
Concen: 37.373 ng
RT: 8.86 min Scan# 1152
Delta R.T. -0.01 min
Lab File: BF119348.D
Acq: 11 Mar 2020 15:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
237	100		
235	62.2	42.3	82.3
272	12.7	0.0	33.5

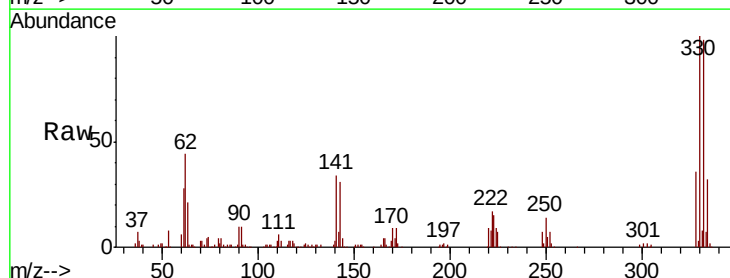


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

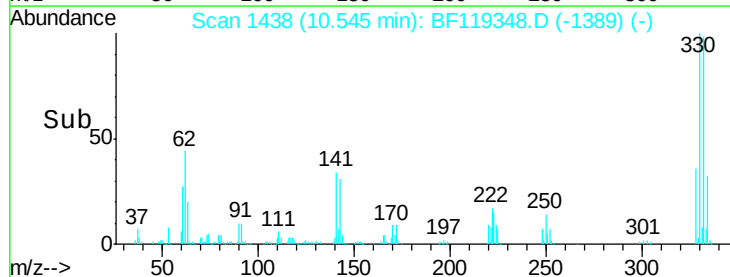
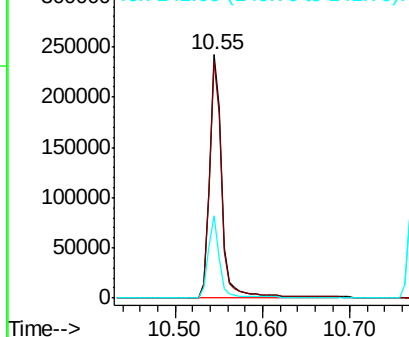


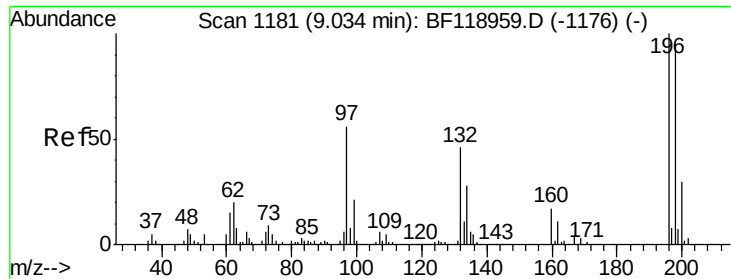
#42
2,4,6-Tribromophenol
Concen: 76.003 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BF119348.D
Acq: 11 Mar 2020 15:39

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.3	76.0	114.0
141	30.6	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

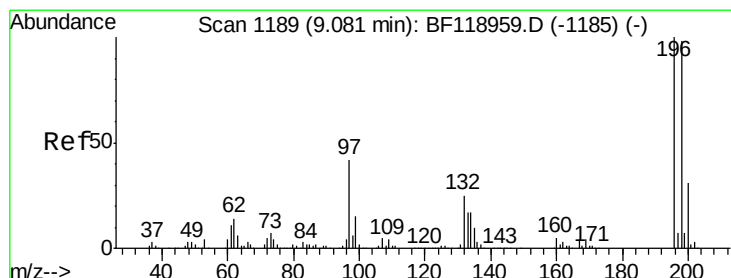
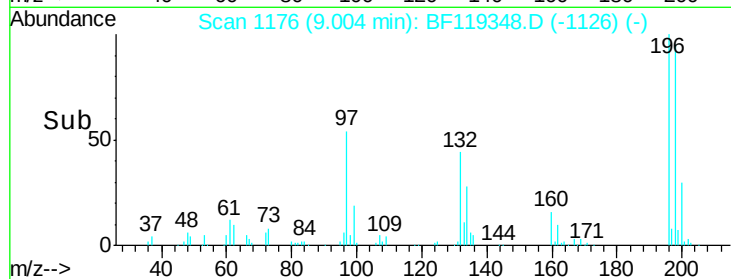
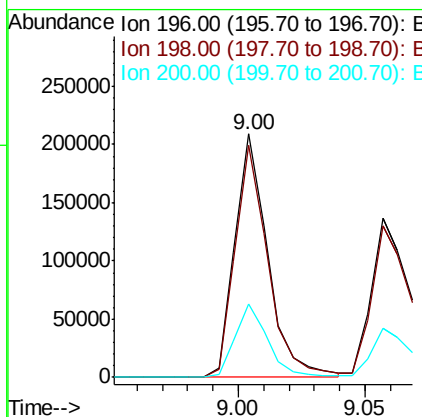
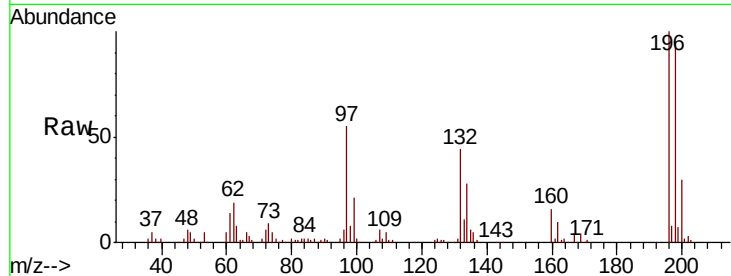




#43
 2,4,6-Trichlorophenol
 Concen: 36.514 ng
 RT: 9.00 min Scan# 1176
 Delta R.T. -0.01 min
 Lab File: BF119348.D
 Acq: 11 Mar 2020 15:39

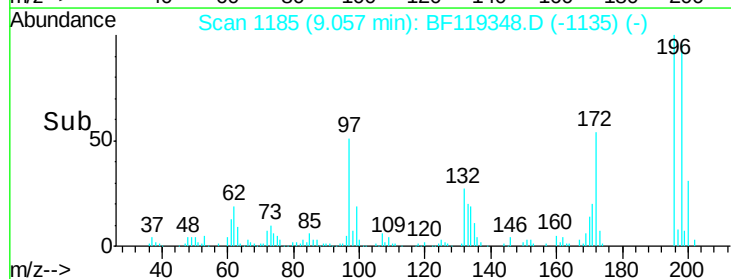
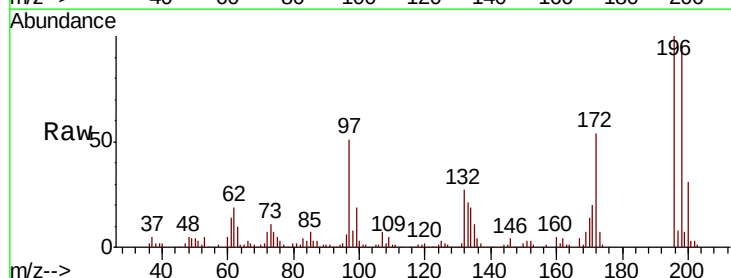
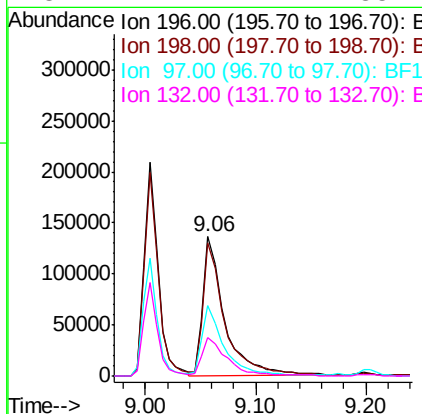
Instrument :
 BNA_F
 ClientSampled :

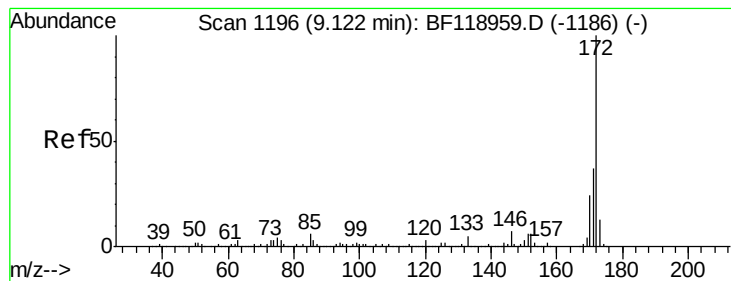
Tot Ion:196 Resp: 188028
 Ion Ratio Lower Upper
 196 100
 198 95.2 77.1 115.7
 200 30.0 25.0 37.6



#44
 2,4,5-Trichlorophenol
 Concen: 33.347 ng
 RT: 9.06 min Scan# 1185
 Delta R.T. -0.01 min
 Lab File: BF119348.D
 Acq: 11 Mar 2020 15:39

Tgt Ion:196 Resp: 180194
 Ion Ratio Lower Upper
 196 100
 198 95.5 76.8 115.2
 97 51.0 38.5 57.7
 132 27.4 22.2 33.4





#45

2-Fluorobiphenyl

Concen: 76.814 ng

RT: 9.07 min Scan# 1188

Delta R.T. -0.01 min

Lab File: BF119348.D

Acq: 11 Mar 2020 15:39

Instrument :

BNA_F

ClientSampleId :

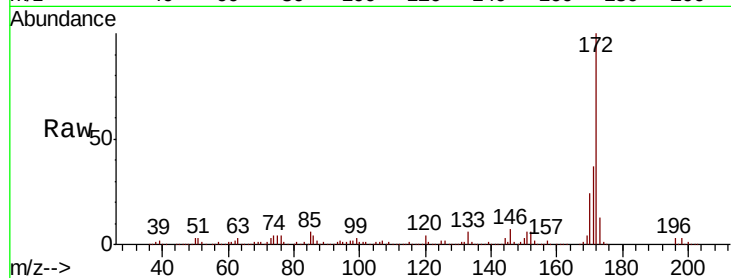
Tot Ion:172 Resp: 1261093

Ion Ratio Lower Upper

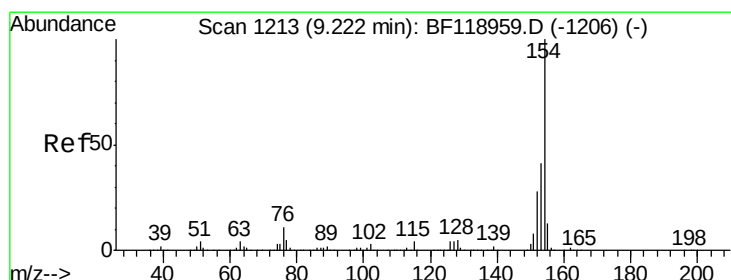
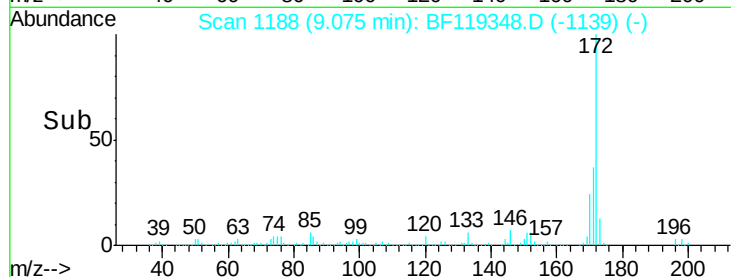
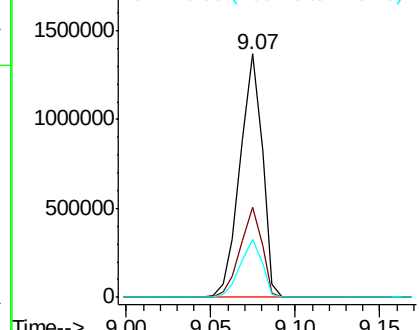
172 100

171 37.2 30.6 45.8

170 24.0 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: 39.323 ng

RT: 9.17 min Scan# 1205

Delta R.T. -0.01 min

Lab File: BF119348.D

Acq: 11 Mar 2020 15:39

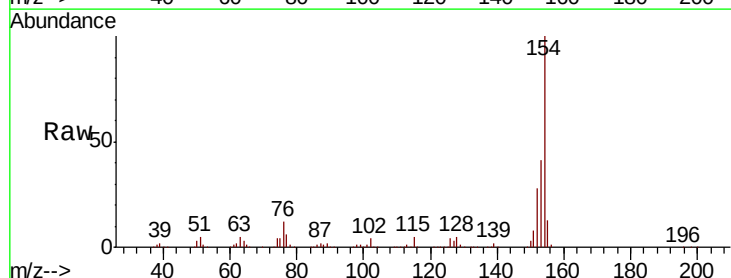
Tgt Ion:154 Resp: 768643

Ion Ratio Lower Upper

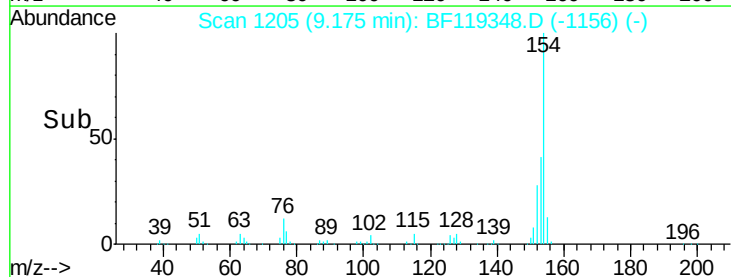
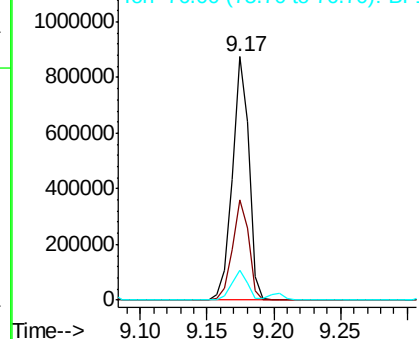
154 100

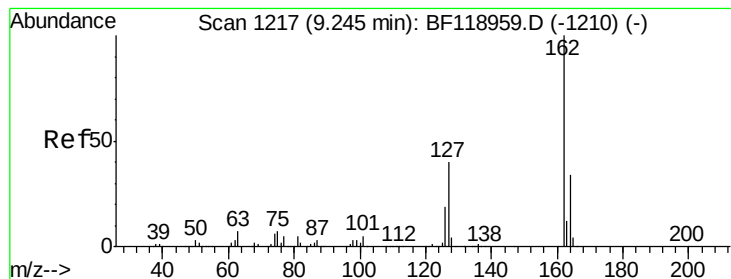
153 41.0 22.8 62.8

76 12.1 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: 38.625 ng

RT: 9.20 min Scan# 1210

Delta R.T. -0.01 min

Lab File: BF119348.D

Acq: 11 Mar 2020 15:39

Instrument :

BNA_F

ClientSampleId :

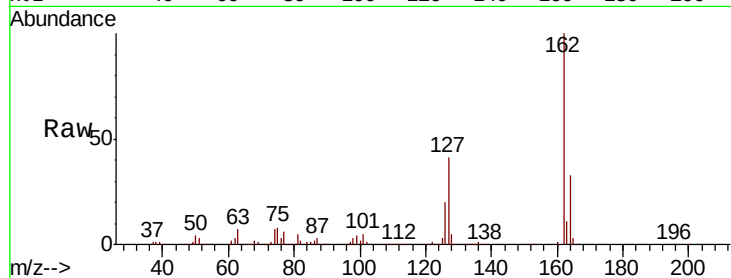
Tot Ion:162 Resp: 608422

Ion Ratio Lower Upper

162 100

127 41.5 35.0 52.4

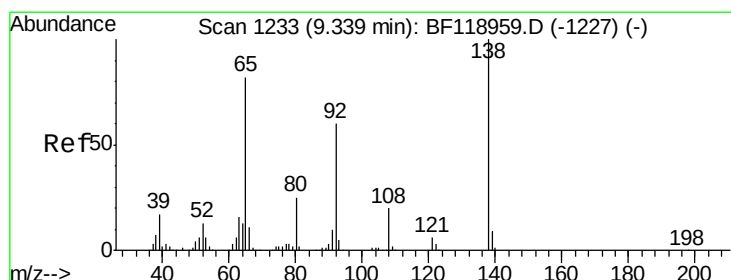
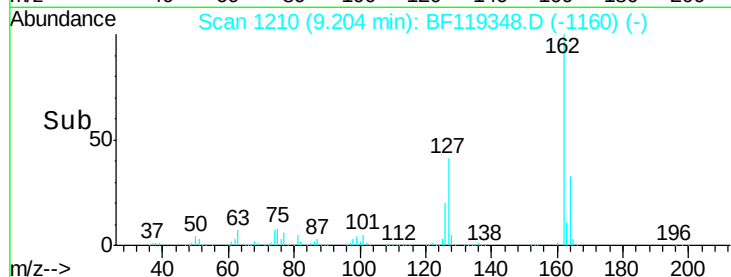
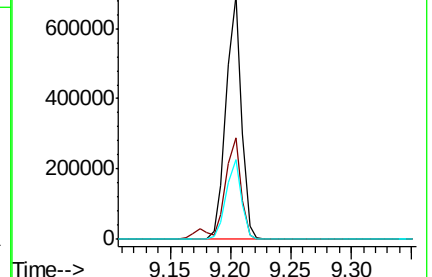
164 32.8 27.2 40.8



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 41.423 ng

RT: 9.31 min Scan# 1228

Delta R.T. -0.01 min

Lab File: BF119348.D

Acq: 11 Mar 2020 15:39

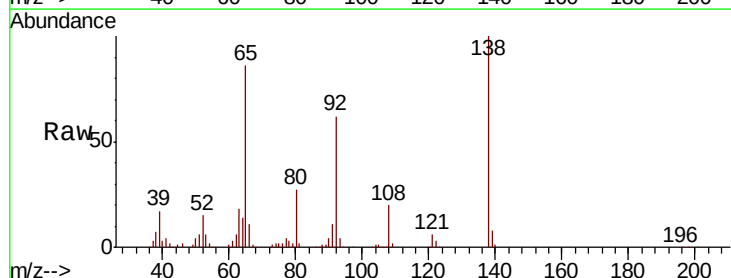
Tgt Ion: 65 Resp: 181991

Ion Ratio Lower Upper

65 100

92 72.0 58.2 87.2

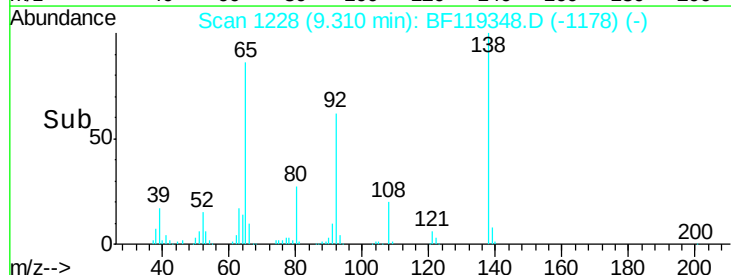
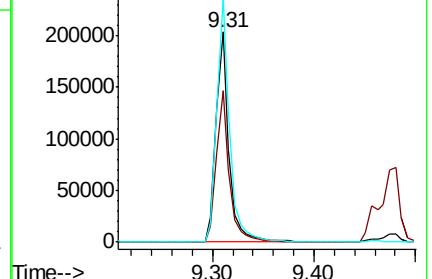
138 116.1 95.6 143.4

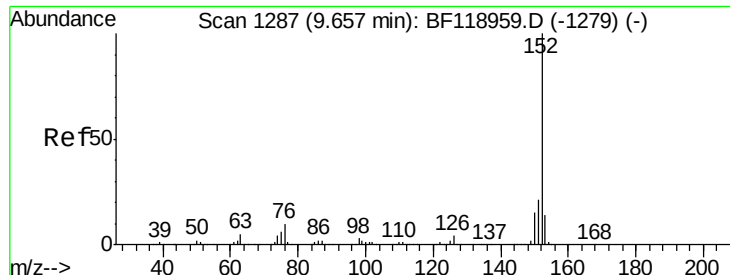


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 37.979 ng

RT: 9.62 min Scan# 1280

Delta R.T. -0.01 min

Lab File: BF119348.D

Acq: 11 Mar 2020 15:39

Instrument :

BNA_F

ClientSampleId :

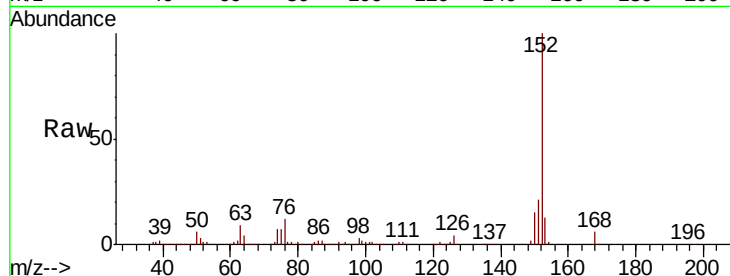
Tot Ion:152 Resp: 864037

Ion Ratio Lower Upper

152 100

151 20.6 16.9 25.3

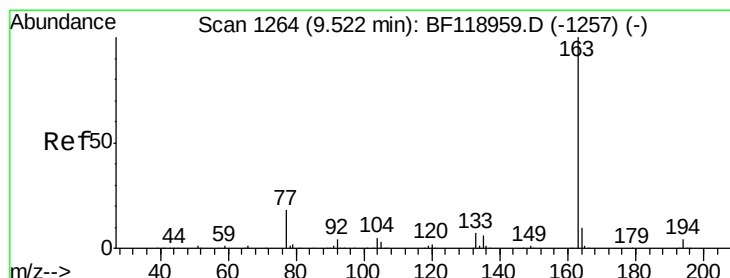
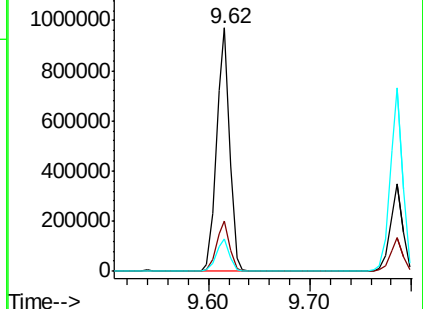
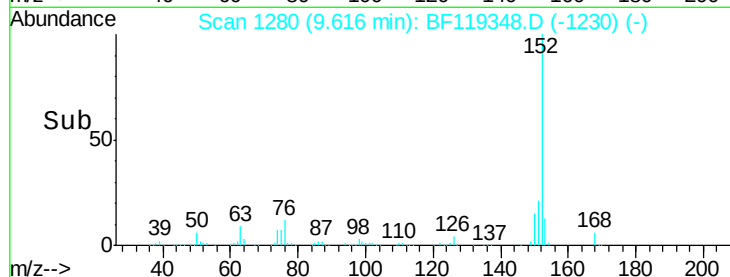
153 13.1 11.0 16.6



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: 38.851 ng

RT: 9.48 min Scan# 1257

Delta R.T. -0.01 min

Lab File: BF119348.D

Acq: 11 Mar 2020 15:39

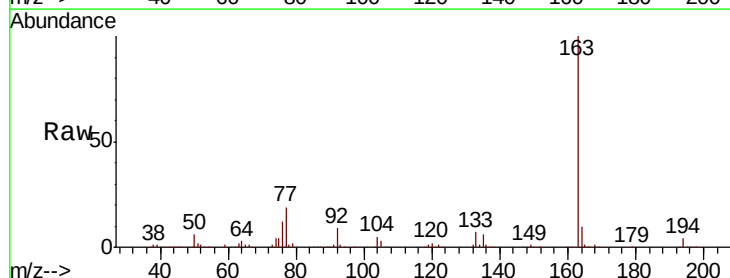
Tgt Ion:163 Resp: 718529

Ion Ratio Lower Upper

163 100

194 4.2 3.5 5.3

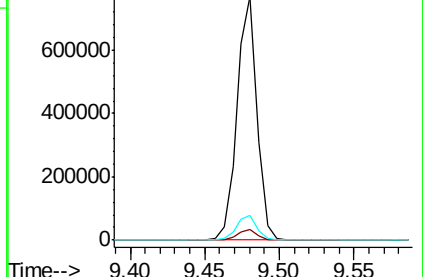
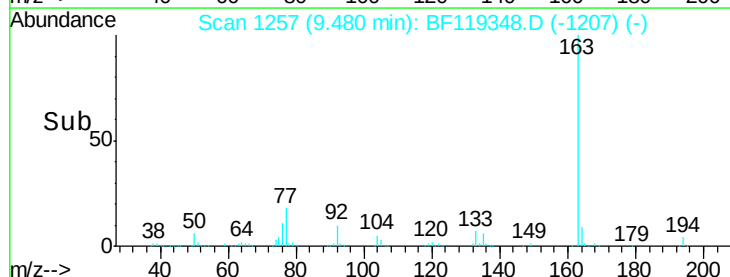
164 10.2 8.4 12.6

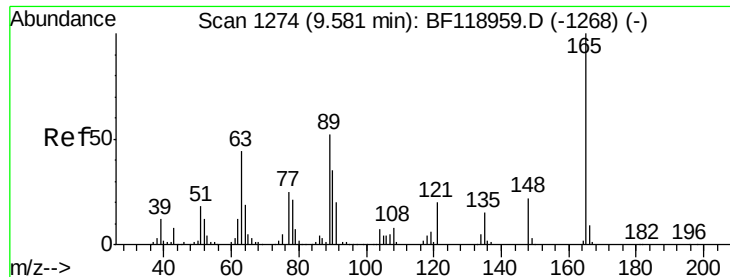


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

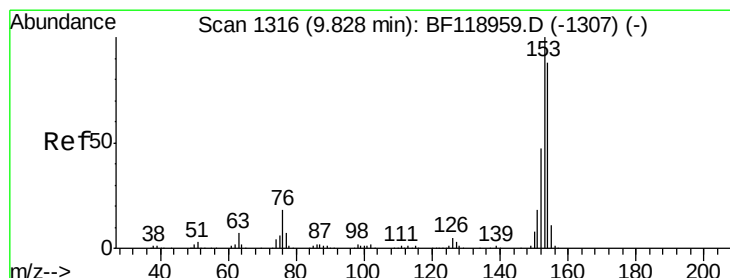
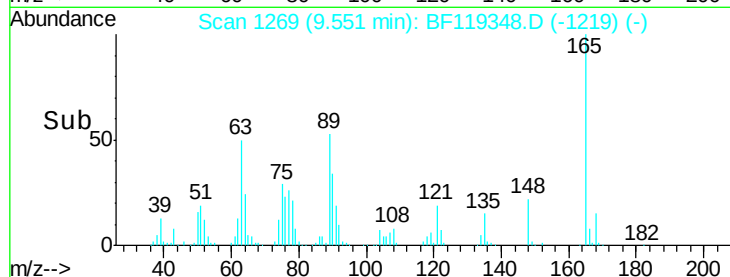
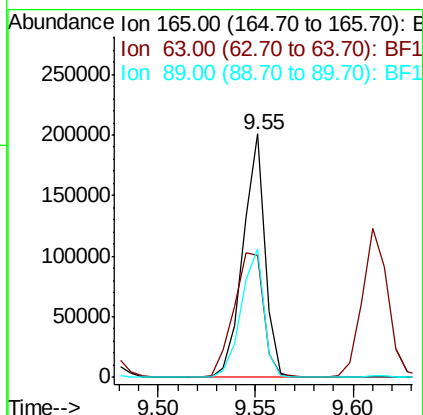
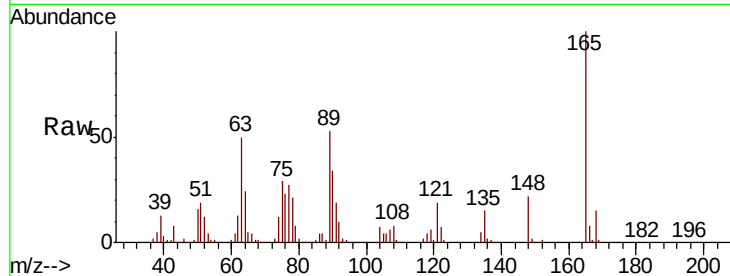




#51
 2,6-Dinitrotoluene
 Concen: 38.146 ng
 RT: 9.55 min Scan# 1269
 Delta R.T. -0.01 min
 Lab File: BF119348.D
 Acq: 11 Mar 2020 15:39

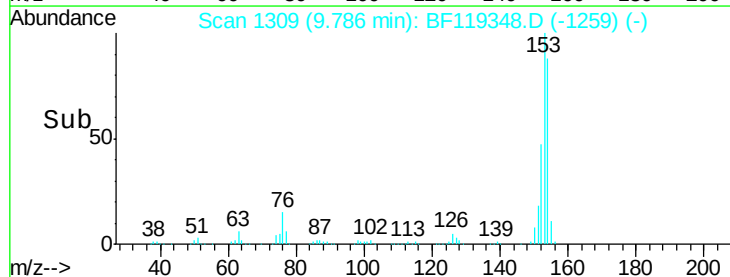
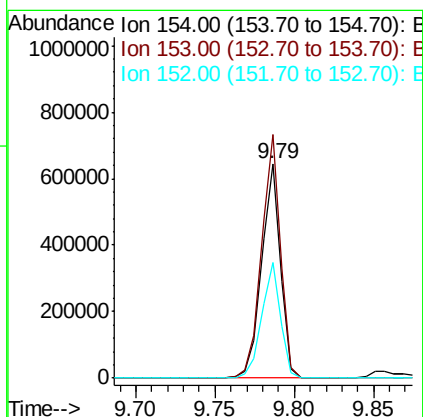
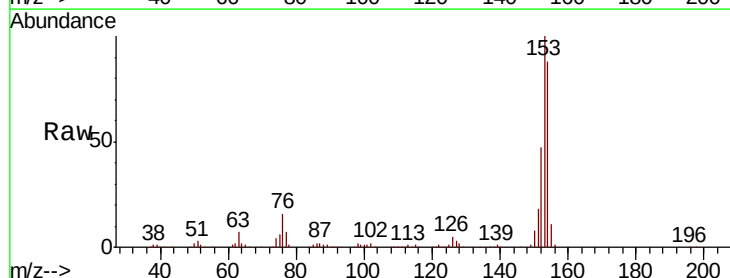
Instrument :
 BNA_F
 ClientSampleId :

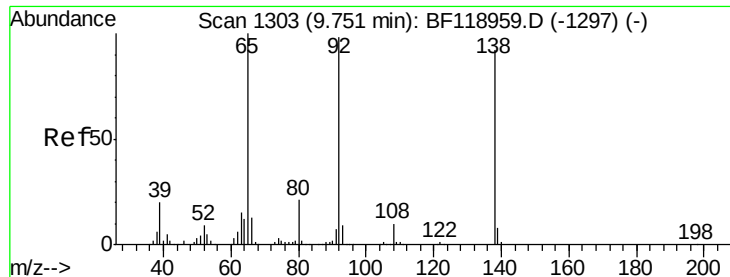
Tot Ion:165 Resp: 156739
 Ion Ratio Lower Upper
 165 100
 63 50.3 34.3 51.5
 89 52.8 38.3 57.5



#52
 Acenaphthene
 Concen: 39.402 ng
 RT: 9.79 min Scan# 1309
 Delta R.T. -0.01 min
 Lab File: BF119348.D
 Acq: 11 Mar 2020 15:39

Tgt Ion:154 Resp: 540523
 Ion Ratio Lower Upper
 154 100
 153 113.6 90.3 135.5
 152 53.8 43.8 65.8

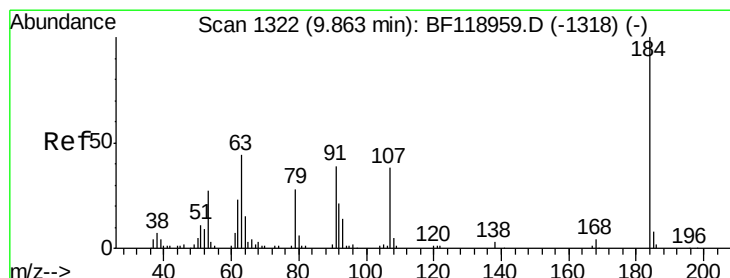
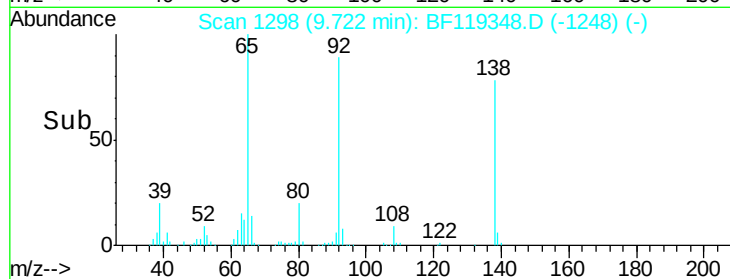
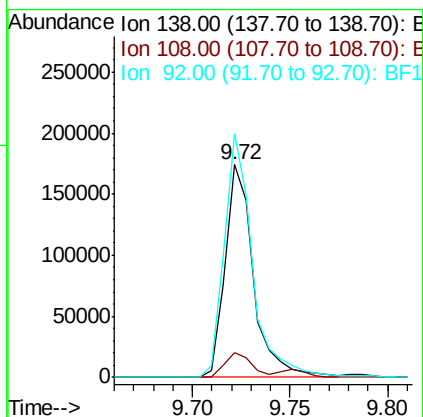
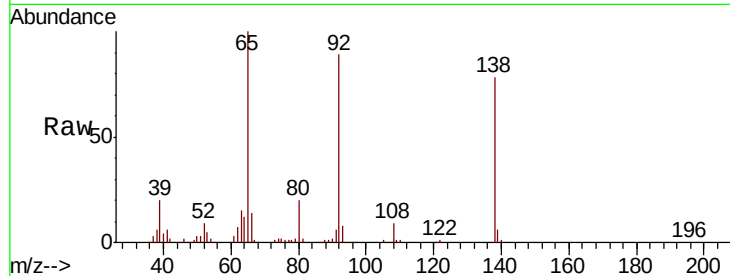




#53
3-Nitroaniline
Concen: 38.592 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BF119348.D
Acq: 11 Mar 2020 15:39

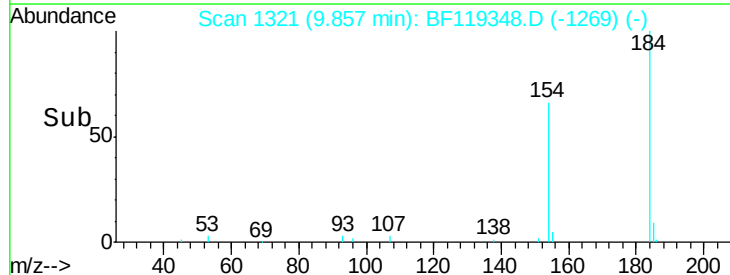
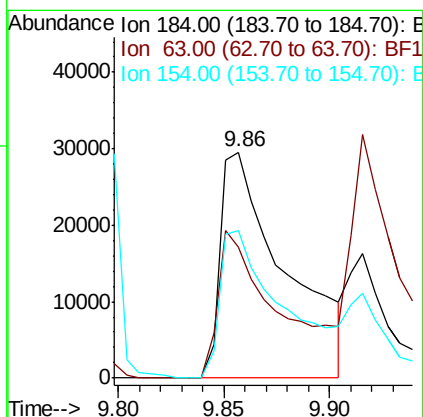
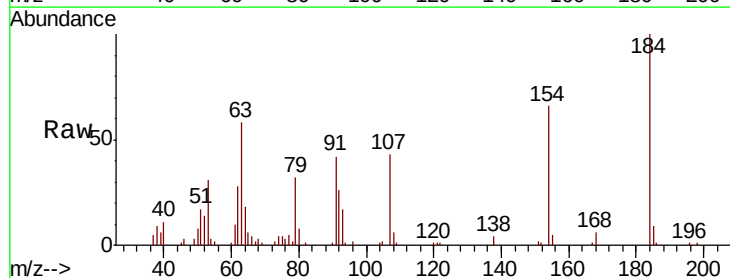
Instrument :
BNA_F
ClientSampled :

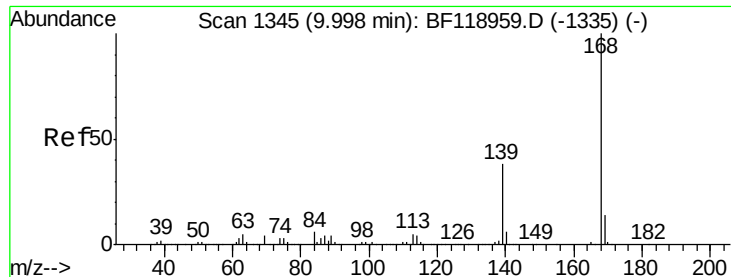
Tot Ion:138 Resp: 175796
Ion Ratio Lower Upper
138 100
108 11.5 8.8 13.2
92 114.6 84.8 127.2



#54
2,4-Dinitrophenol
Concen: 35.815 ng
RT: 9.86 min Scan# 1321
Delta R.T. 0.01 min
Lab File: BF119348.D
Acq: 11 Mar 2020 15:39

Tgt Ion:184 Resp: 62428
Ion Ratio Lower Upper
184 100
63 58.0 38.7 58.1
154 65.5 49.7 74.5

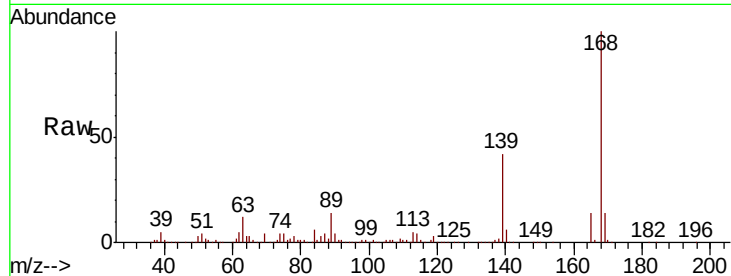




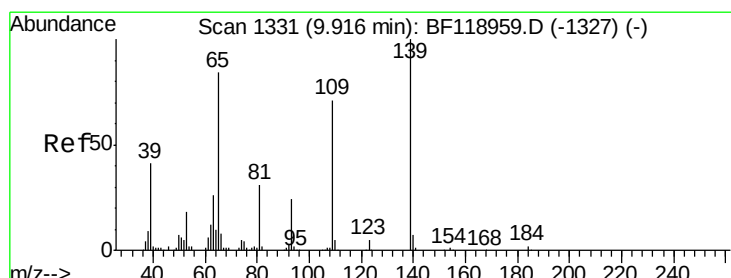
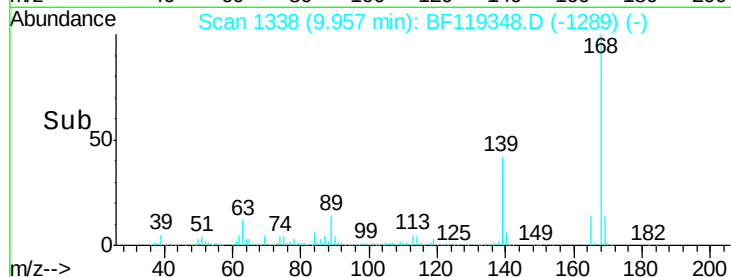
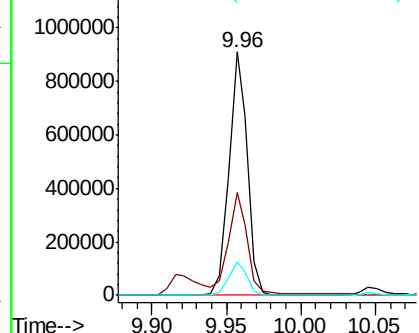
#55
Dibenzofuran
Concen: 38.646 ng
RT: 9.96 min Scan# 1338
Delta R.T. -0.01 min
Lab File: BF119348.D
Acq: 11 Mar 2020 15:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 791308
Ion Ratio Lower Upper
168 100
139 42.2 34.0 51.0
169 13.6 11.0 16.4

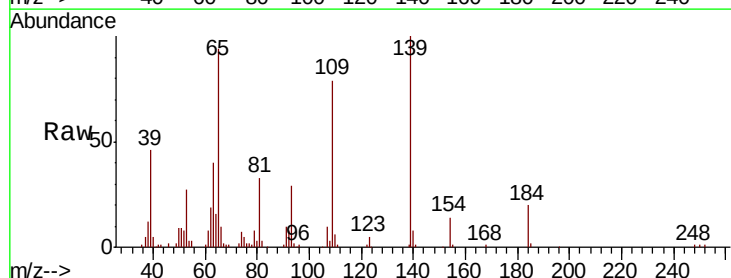


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

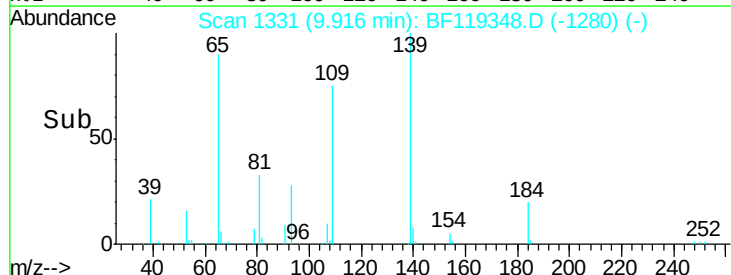
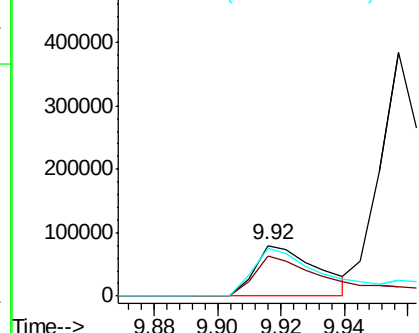


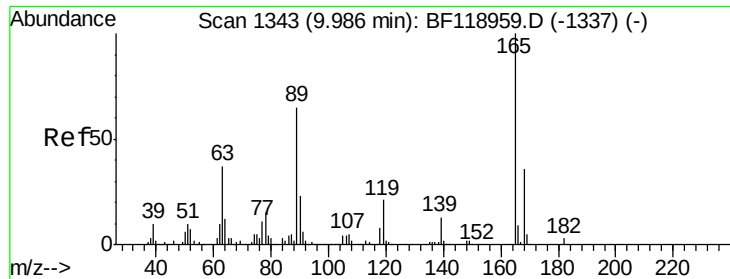
#56
4-Nitrophenol
Concen: 39.364 ng
RT: 9.92 min Scan# 1331
Delta R.T. 0.00 min
Lab File: BF119348.D
Acq: 11 Mar 2020 15:39

Tgt Ion:139 Resp: 107733
Ion Ratio Lower Upper
139 100
109 78.8 56.7 96.7
65 94.0 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

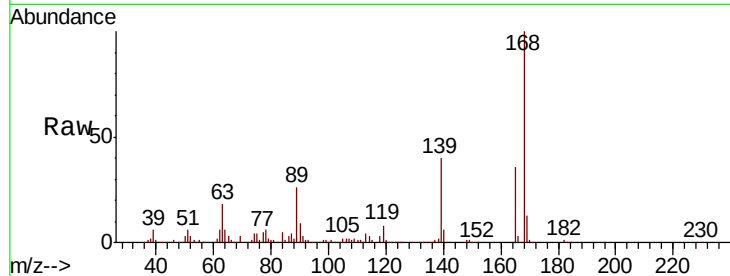




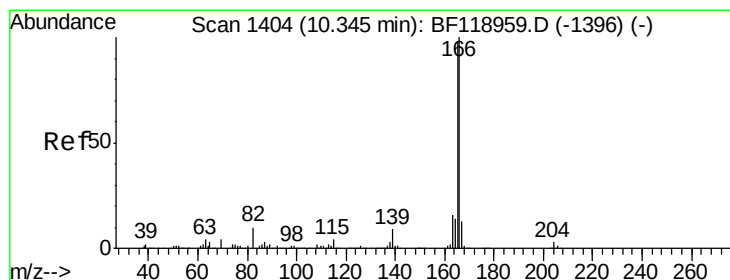
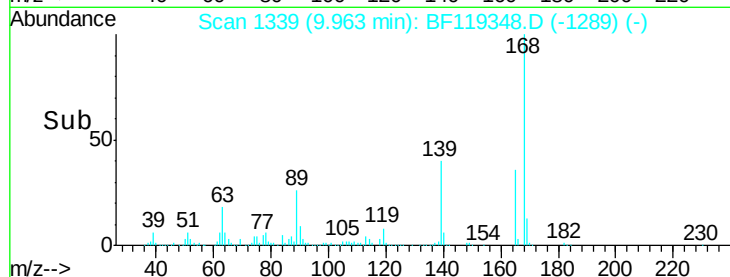
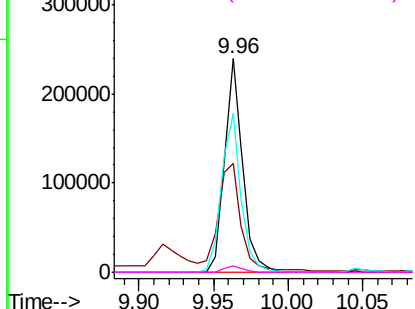
#57
 2,4-Dinitrotoluene
 Concen: 38.670 ng
 RT: 9.96 min Scan# 1339
 Delta R.T. -0.01 min
 Lab File: BF119348.D
 Acq: 11 Mar 2020 15:39

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165	Resp:	205953
Ion Ratio	Lower	Upper
165	100	
63	50.8	42.3 63.5
89	74.1	60.2 90.4
182	2.9	2.3 3.5

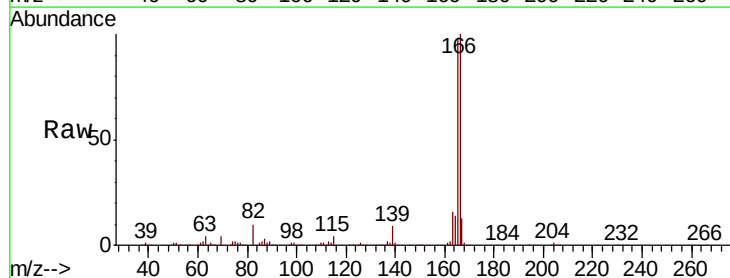


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

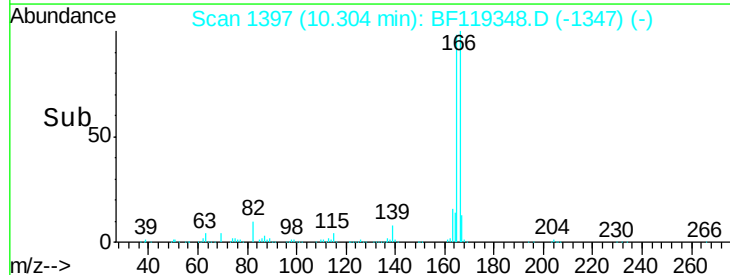
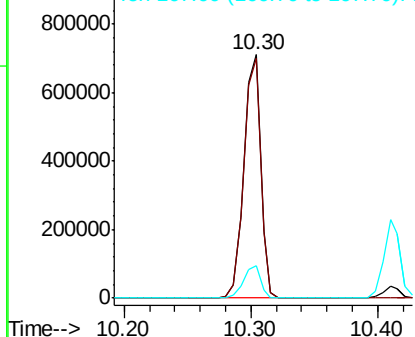


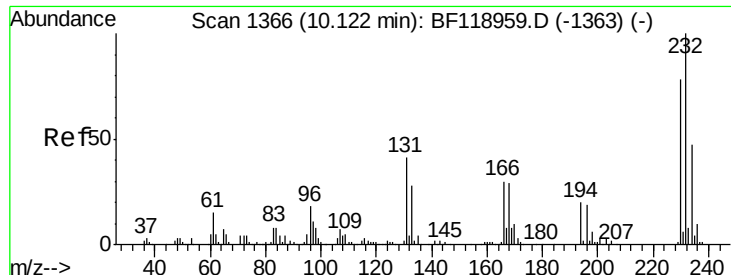
#58
 Fluorene
 Concen: 40.795 ng
 RT: 10.30 min Scan# 1397
 Delta R.T. -0.01 min
 Lab File: BF119348.D
 Acq: 11 Mar 2020 15:39

Tgt Ion:166	Resp:	649077
Ion Ratio	Lower	Upper
166	100	
165	98.5	78.5 117.7
167	13.4	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

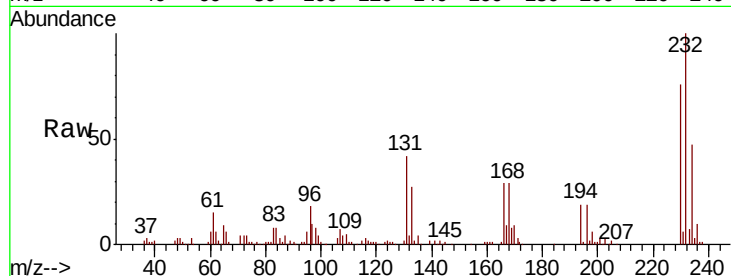




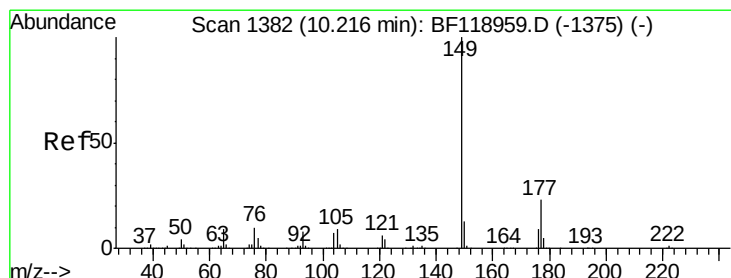
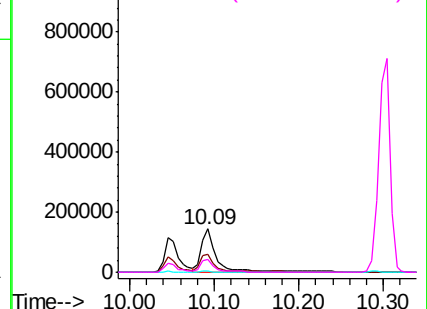
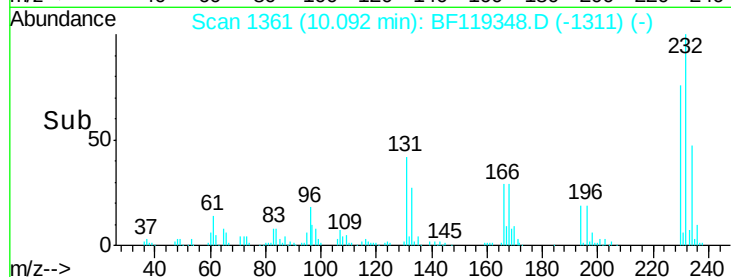
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 37.607 ng
 RT: 10.09 min Scan# 1361
 Delta R.T. -0.01 min
 Lab File: BF119348.D
 Acq: 11 Mar 2020 15:39

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:	232	Resp:	171471
Ion	Ratio	Lower	Upper
232	100		
131	42.5	33.8	50.8
130	2.2	1.8	2.6
166	27.2	23.0	34.4

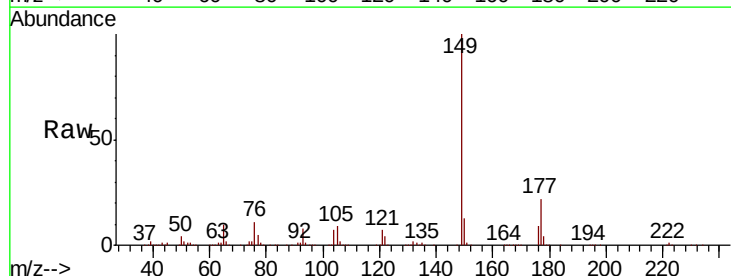


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

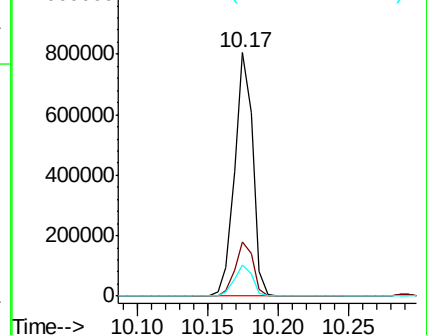
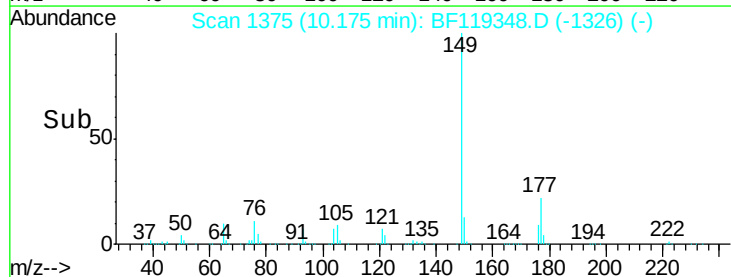


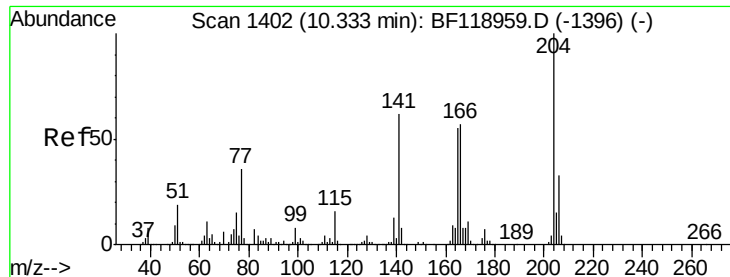
#60
 Diethylphthalate
 Concen: 41.071 ng
 RT: 10.17 min Scan# 1375
 Delta R.T. -0.01 min
 Lab File: BF119348.D
 Acq: 11 Mar 2020 15:39

Tgt Ion:	149	Resp:	715812
Ion	Ratio	Lower	Upper
149	100		
177	22.2	18.2	27.2
150	13.0	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

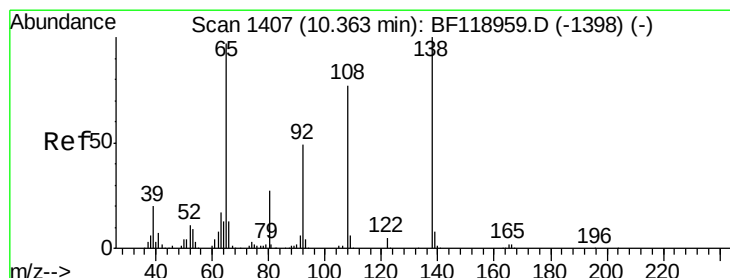
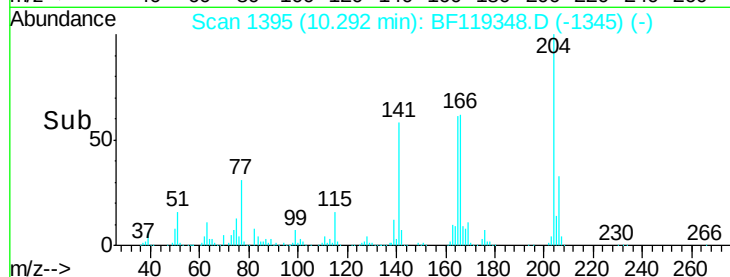
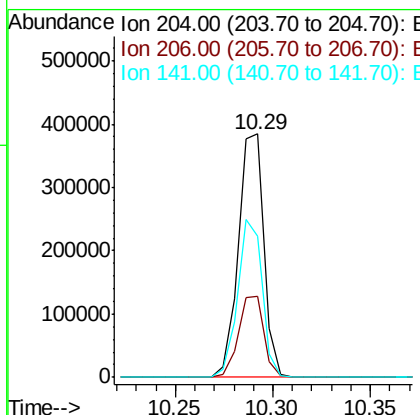
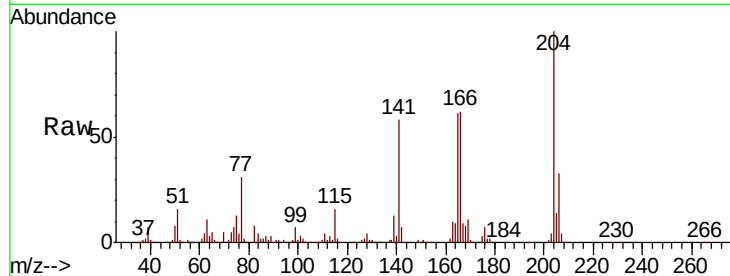




#61
 4-Chlorophenyl-phenylether
 Concen: 41.358 ng
 RT: 10.29 min Scan# 1395
 Delta R.T. -0.01 min
 Lab File: BF119348.D
 Acq: 11 Mar 2020 15:39

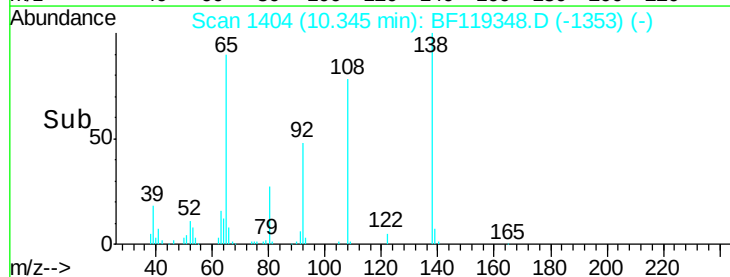
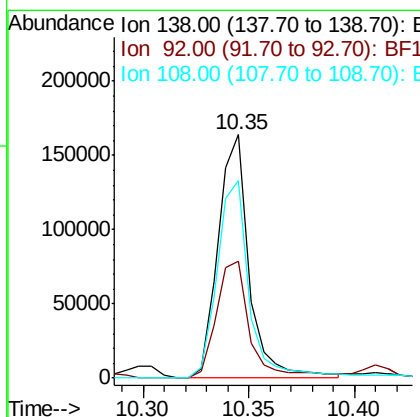
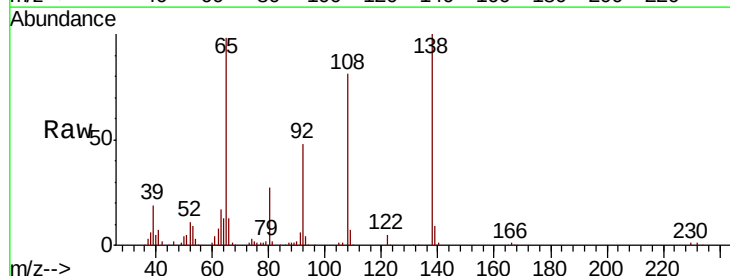
Instrument :
 BNA_F
 ClientSampled :

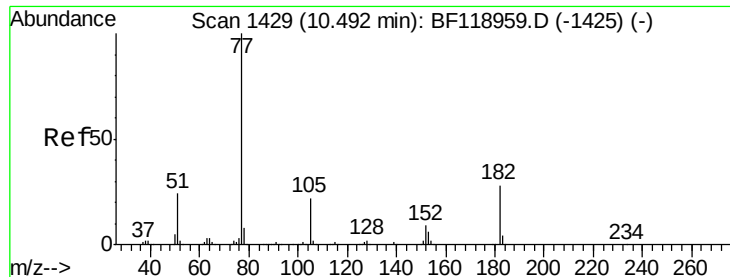
Tot Ion	Ratio	Lower	Upper
204	100		
206	33.3	27.1	40.7
141	58.0	52.9	79.3



#62
 4-Nitroaniline
 Concen: 36.124 ng
 RT: 10.35 min Scan# 1404
 Delta R.T. 0.00 min
 Lab File: BF119348.D
 Acq: 11 Mar 2020 15:39

Tgt Ion	Ratio	Lower	Upper
138	100		
92	48.2	27.3	67.3
108	80.9	57.0	97.0

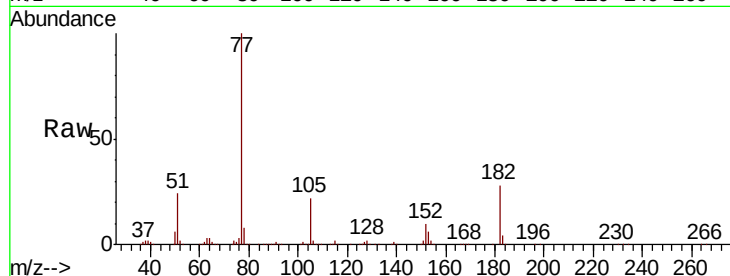




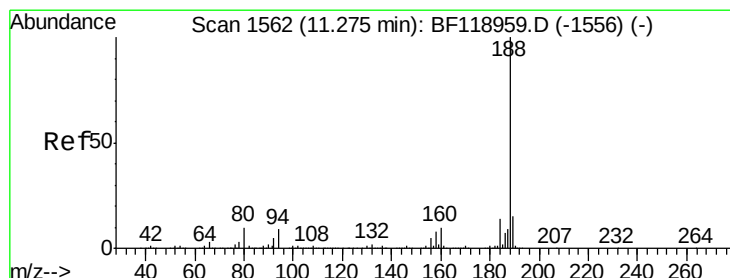
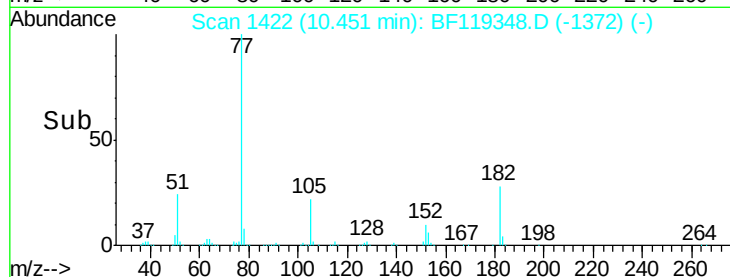
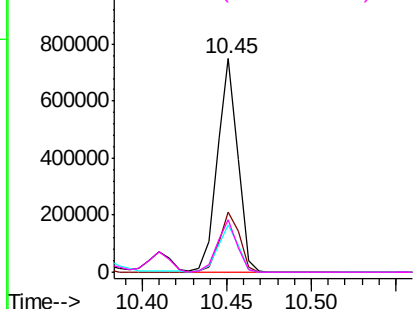
#63
Azobenzene
Concen: 41.487 ng
RT: 10.45 min Scan# 1422
Delta R.T. -0.01 min
Lab File: BF119348.D
Acq: 11 Mar 2020 15:39

Instrument :
BNA_F
ClientSampled :

Tot Ion:	77	Resp:	628489
Ion	Ratio	Lower	Upper
77	100		
182	28.0	11.4	51.4
105	22.2	3.4	43.4
51	24.4	5.1	45.1

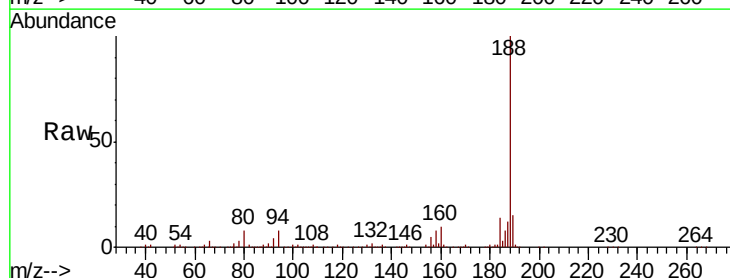


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

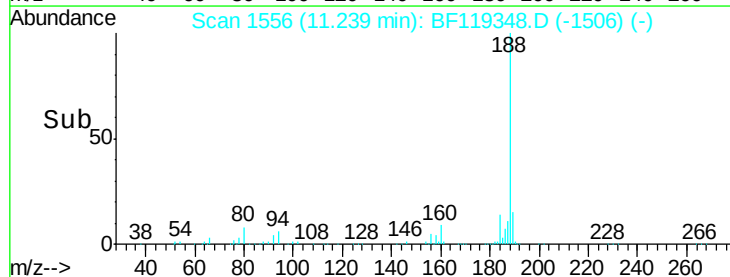
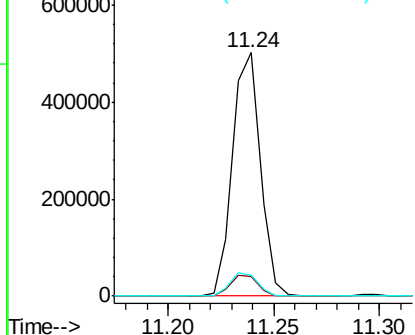


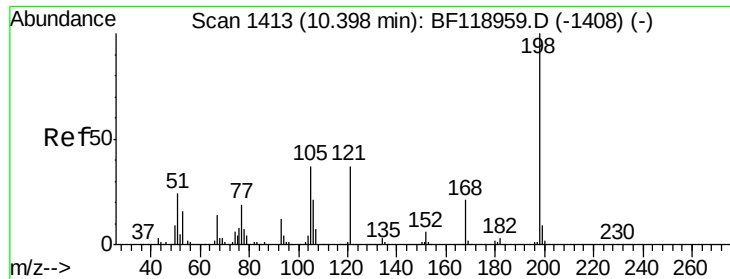
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF119348.D
Acq: 11 Mar 2020 15:39

Tgt Ion:	188	Resp:	455951
Ion	Ratio	Lower	Upper
188	100		
94	7.9	7.1	10.7
80	8.4	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

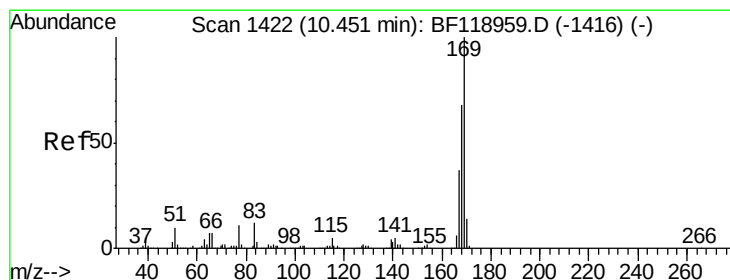
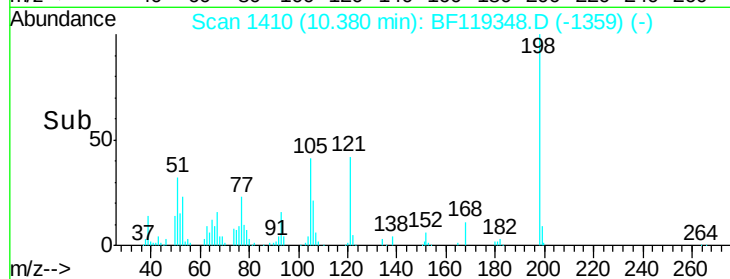
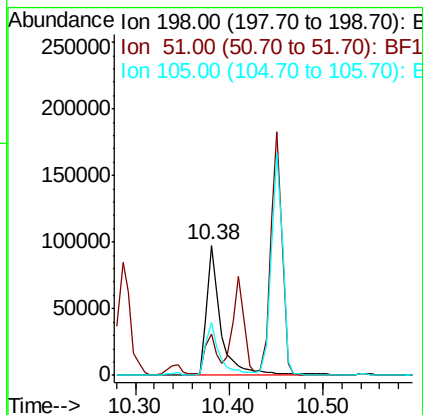
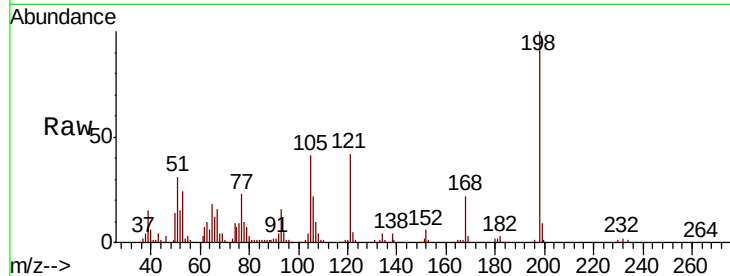




#65
 4,6-Dinitro-2-methylphenol
 Concen: 37.859 ng
 RT: 10.38 min Scan# 1410
 Delta R.T. 0.00 min
 Lab File: BF119348.D
 Acq: 11 Mar 2020 15:39

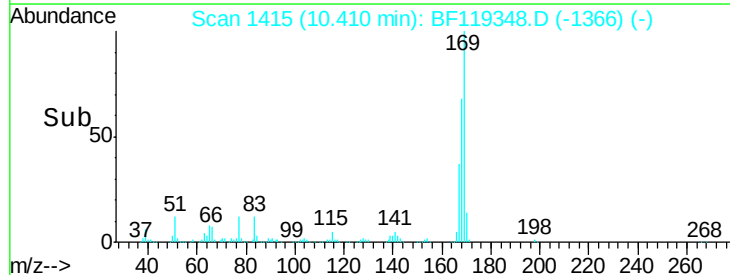
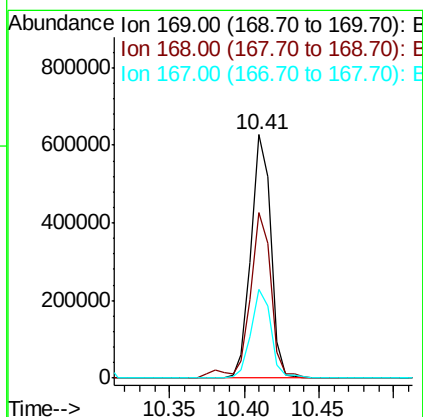
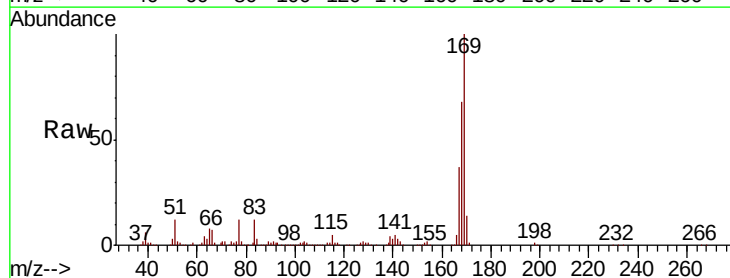
Instrument :
 BNA_F
 ClientSampled :

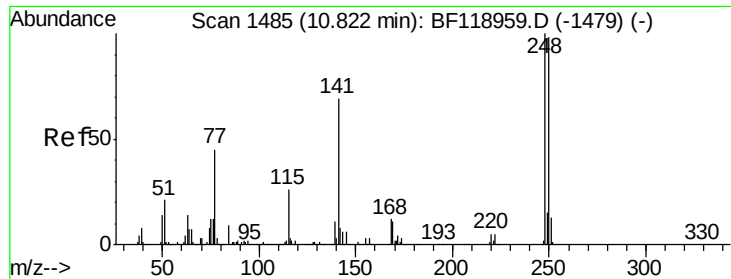
Tot Ion:198 Resp: 104454
 Ion Ratio Lower Upper
 198 100
 51 31.4 14.2 54.2
 105 40.7 22.7 62.7



#66
 n-Nitrosodiphenylamine
 Concen: 38.512 ng
 RT: 10.41 min Scan# 1415
 Delta R.T. -0.01 min
 Lab File: BF119348.D
 Acq: 11 Mar 2020 15:39

Tgt Ion:169 Resp: 574960
 Ion Ratio Lower Upper
 169 100
 168 68.2 54.1 81.1
 167 36.7 29.4 44.0

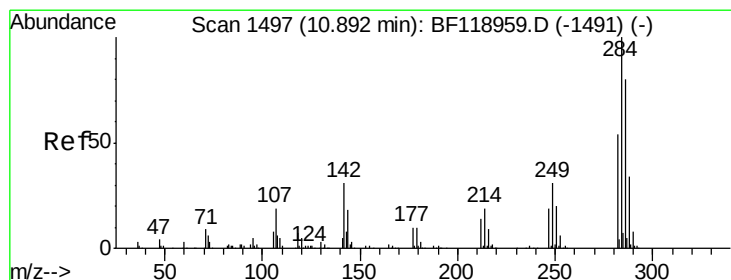
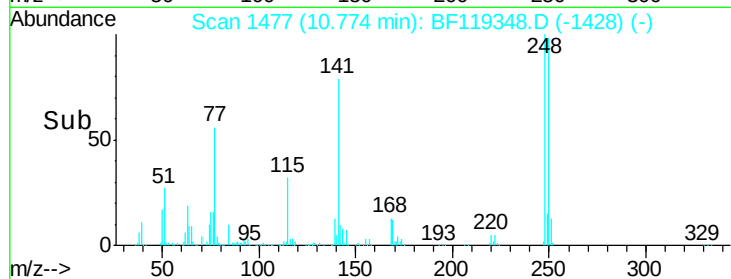
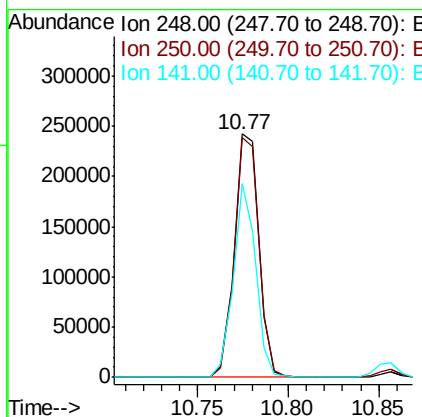
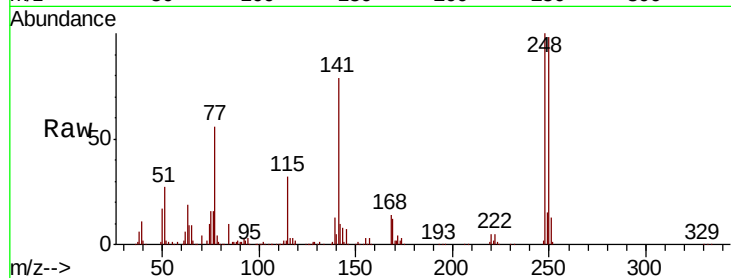




#67
4-Bromophenyl-phenylether
Concen: 38.468 ng
RT: 10.77 min Scan# 1477
Delta R.T. -0.01 min
Lab File: BF119348.D
Acq: 11 Mar 2020 15:39

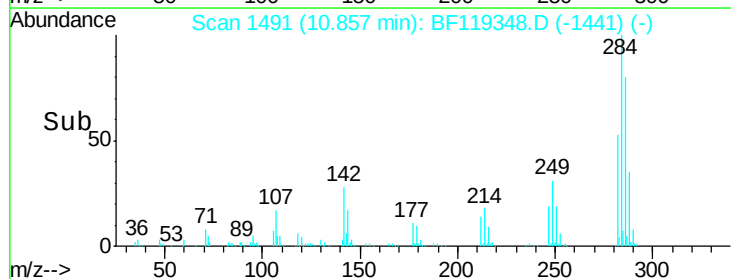
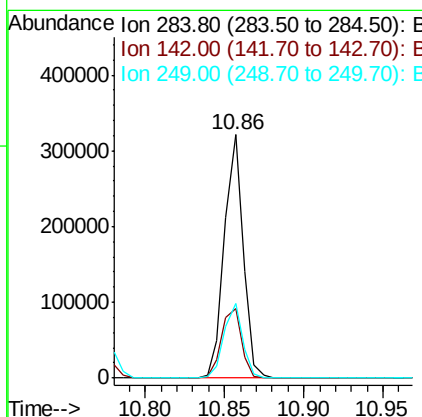
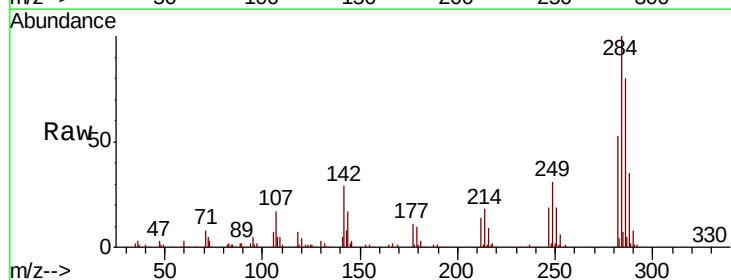
Instrument :
BNA_F
ClientSampleId :

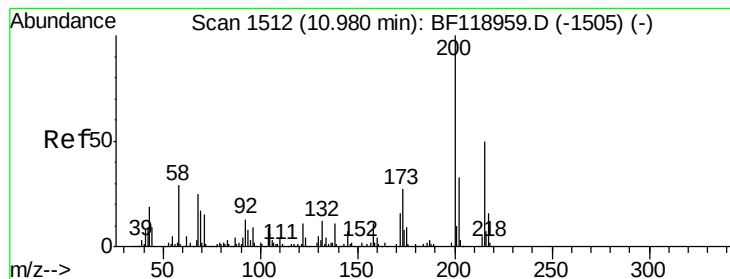
Tot Ion:248 Resp: 229266
Ion Ratio Lower Upper
248 100
250 98.5 76.7 115.1
141 79.4 60.7 91.1



#68
Hexachlorobenzene
Concen: 38.583 ng
RT: 10.86 min Scan# 1491
Delta R.T. -0.01 min
Lab File: BF119348.D
Acq: 11 Mar 2020 15:39

Tgt Ion:284 Resp: 265121
Ion Ratio Lower Upper
284 100
142 28.6 23.7 35.5
249 30.9 25.0 37.6





#69

Atrazine

Concen: 35.238 ng

RT: 10.94 min Scan# 1505

Delta R.T. -0.01 min

Lab File: BF119348.D

Acq: 11 Mar 2020 15:39

Instrument :

BNA_F

ClientSampleId :

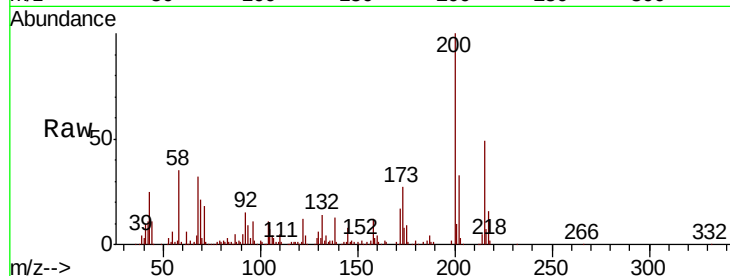
Tot Ion:200 Resp: 183810

Ion Ratio Lower Upper

200 100

173 27.2 6.4 46.4

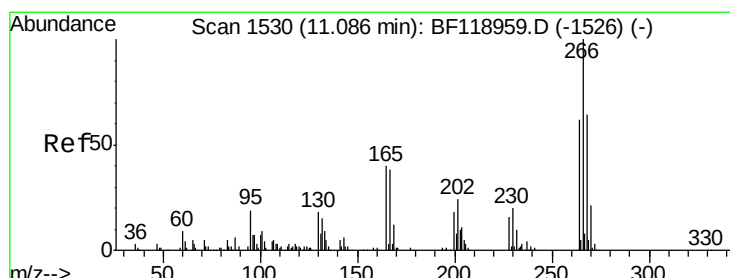
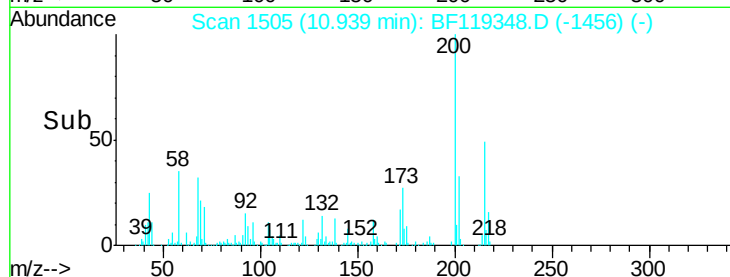
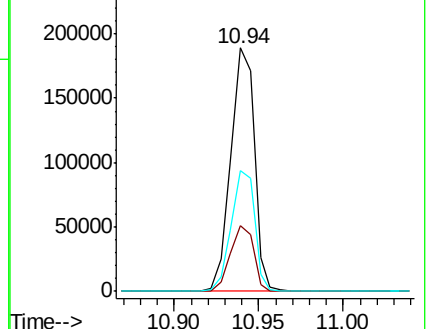
215 49.4 27.4 67.4



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: 39.944 ng

RT: 11.06 min Scan# 1526

Delta R.T. -0.01 min

Lab File: BF119348.D

Acq: 11 Mar 2020 15:39

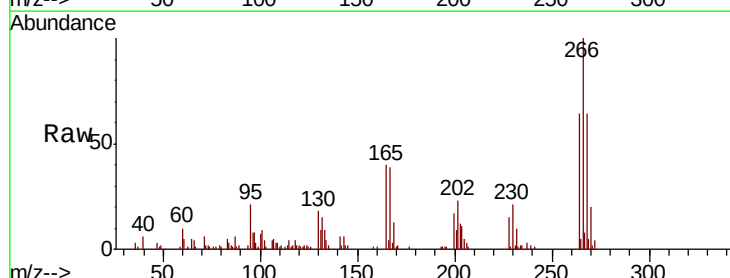
Tgt Ion:266 Resp: 110565

Ion Ratio Lower Upper

266 100

268 64.2 51.9 77.9

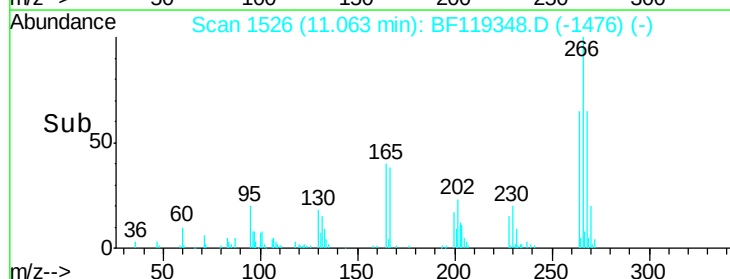
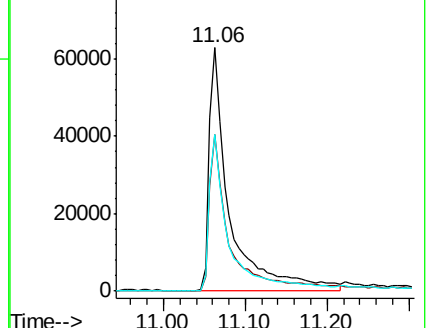
264 64.5 51.0 76.4

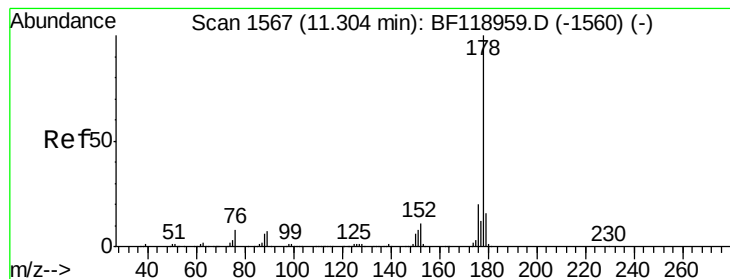


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 39.031 ng

RT: 11.26 min Scan# 1560

Delta R.T. -0.01 min

Lab File: BF119348.D

Acq: 11 Mar 2020 15:39

Instrument :

BNA_F

ClientSampleId :

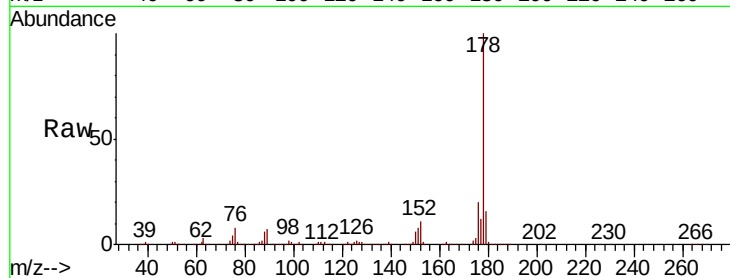
Tot Ion:178 Resp: 970519

Ion Ratio Lower Upper

178 100

176 20.0 16.5 24.7

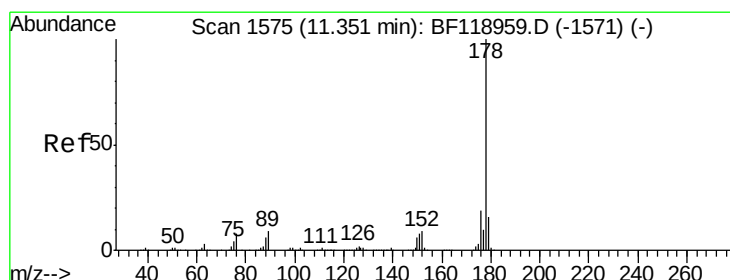
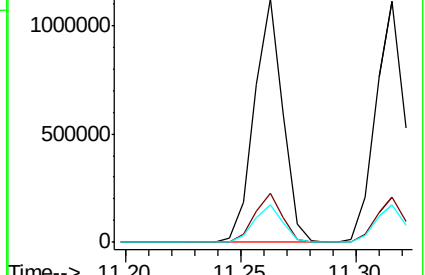
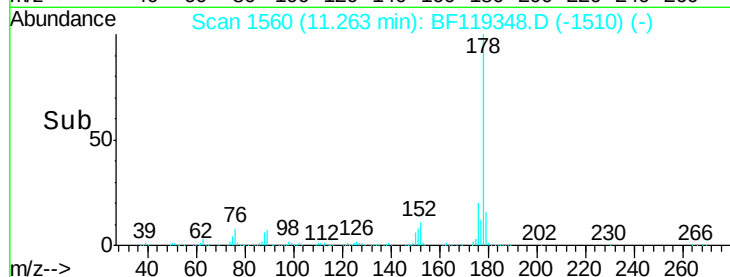
179 15.5 13.0 19.6



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: 39.676 ng

RT: 11.32 min Scan# 1569

Delta R.T. -0.01 min

Lab File: BF119348.D

Acq: 11 Mar 2020 15:39

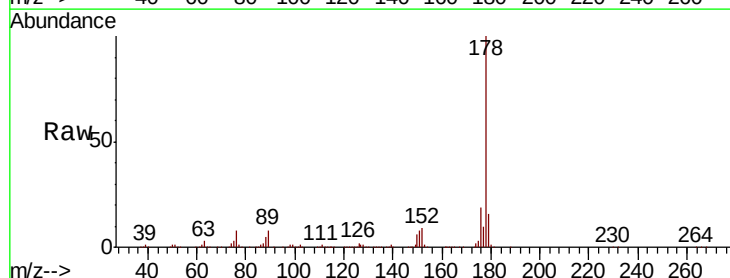
Tgt Ion:178 Resp: 985724

Ion Ratio Lower Upper

178 100

176 18.9 16.0 24.0

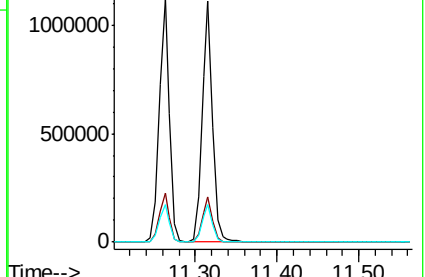
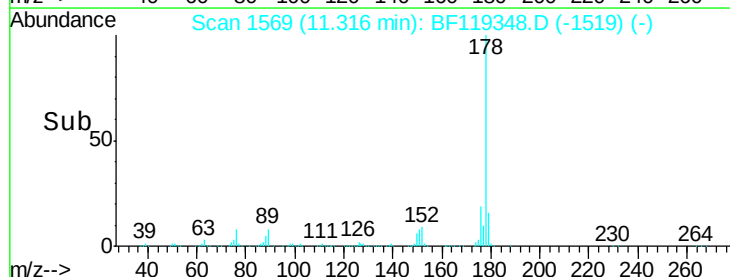
179 15.6 13.1 19.7

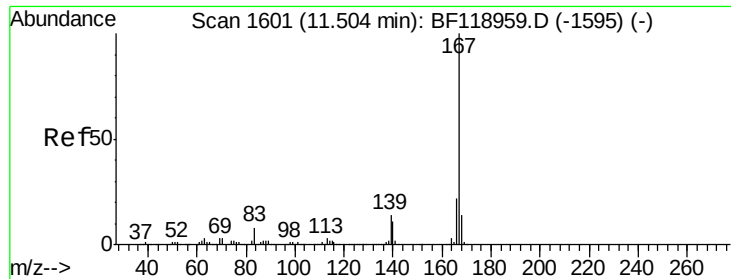


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

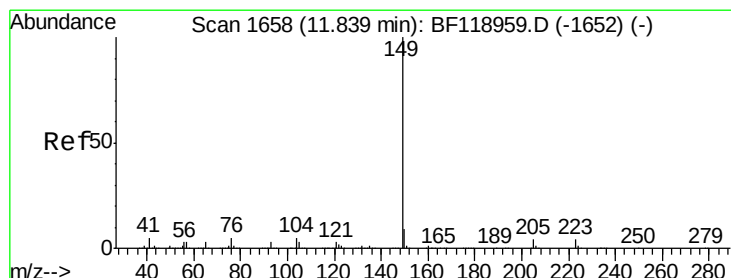
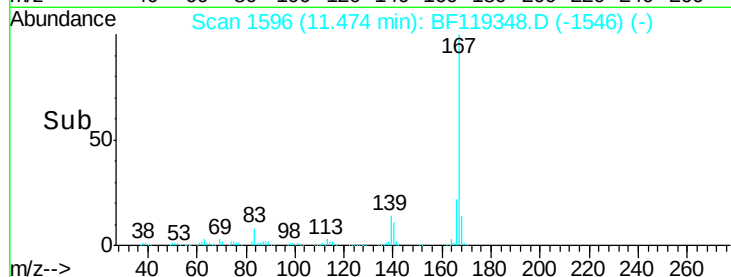
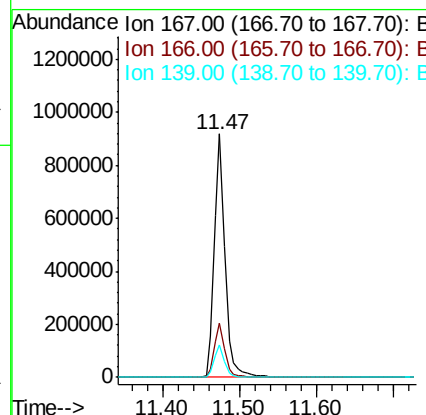
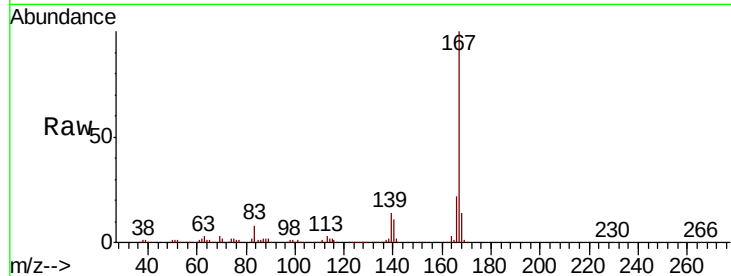




#73
 Carbazole
 Concen: 39.700 ng
 RT: 11.47 min Scan# 1596
 Delta R.T. -0.01 min
 Lab File: BF119348.D
 Acq: 11 Mar 2020 15:39

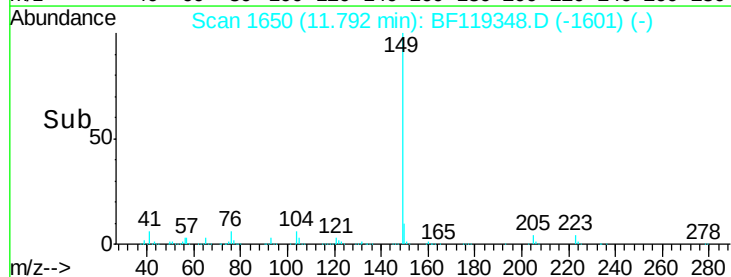
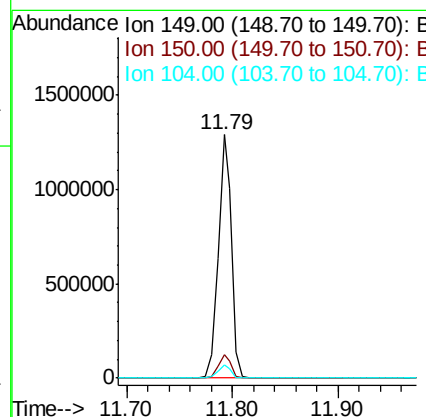
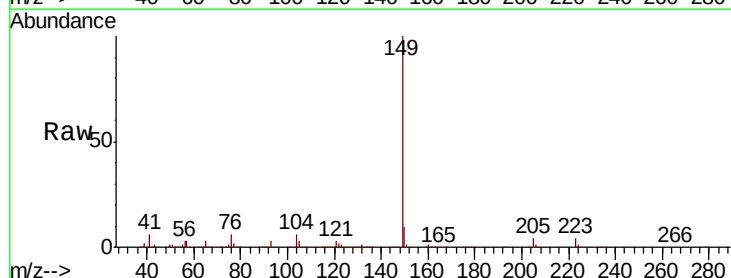
Instrument :
 BNA_F
 ClientSampleId :

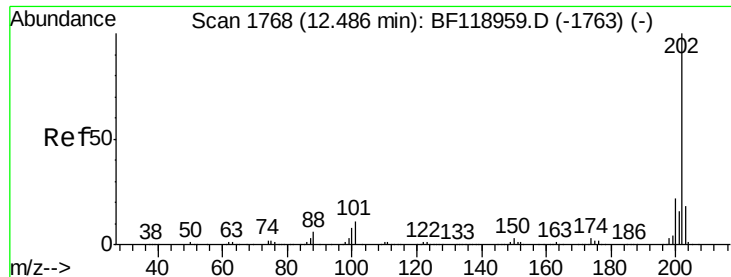
Tot Ion	Ratio	Lower	Upper
167	100		
166	22.2	18.2	27.4
139	13.5	11.7	17.5



#74
 Di-n-butylphthalate
 Concen: 42.448 ng
 RT: 11.79 min Scan# 1650
 Delta R.T. -0.01 min
 Lab File: BF119348.D
 Acq: 11 Mar 2020 15:39

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.7	7.9	11.9
104	5.5	4.6	6.8

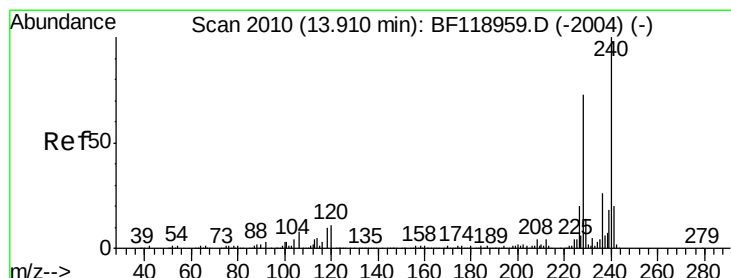
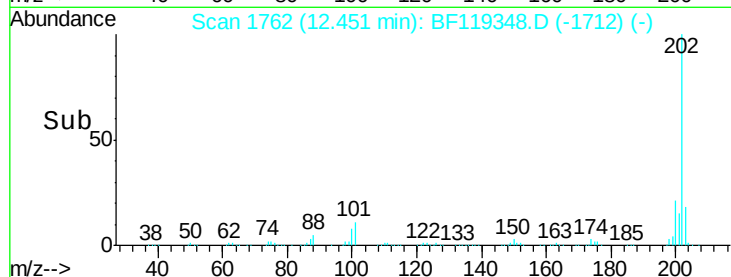
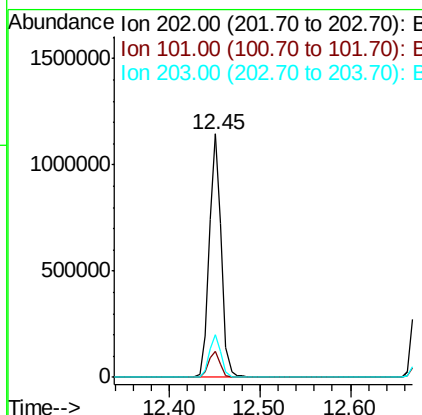
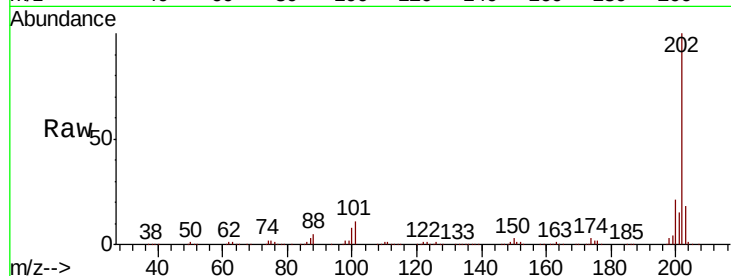




#75
Fluoranthene
Concen: 40.476 ng
RT: 12.45 min Scan# 1762
Delta R.T. -0.01 min
Lab File: BF119348.D
Acq: 11 Mar 2020 15:39

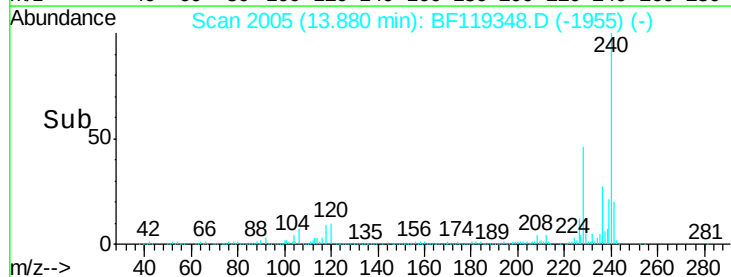
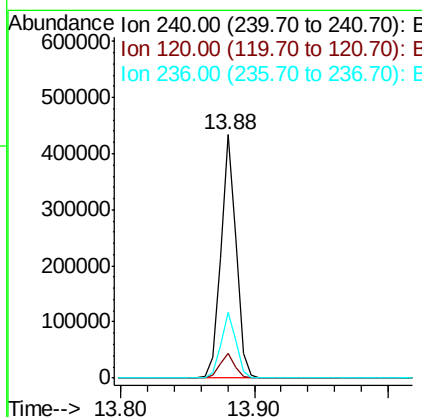
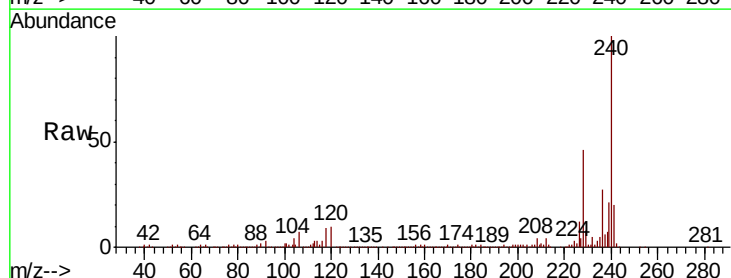
Instrument :
BNA_F
ClientSampleId :

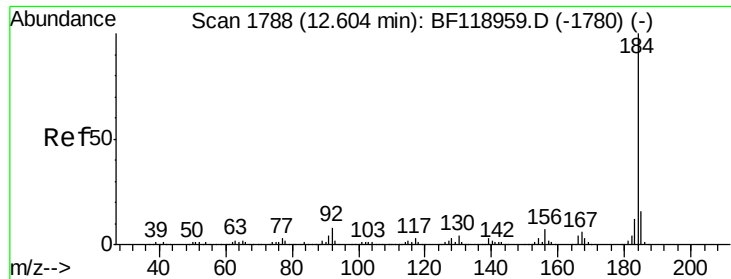
Tot Ion:202 Resp: 1068329
Ion Ratio Lower Upper
202 100
101 10.7 0.0 30.3
203 17.7 0.0 38.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.88 min Scan# 2005
Delta R.T. -0.01 min
Lab File: BF119348.D
Acq: 11 Mar 2020 15:39

Tgt Ion:240 Resp: 350736
Ion Ratio Lower Upper
240 100
120 10.0 8.4 12.6
236 26.8 21.0 31.4





#77

Benzidine

Concen: 36.955 ng

RT: 12.57 min Scan# 1783

Delta R.T. -0.01 min

Lab File: BF119348.D

Acq: 11 Mar 2020 15:39

Instrument :

BNA_F

ClientSampleId :

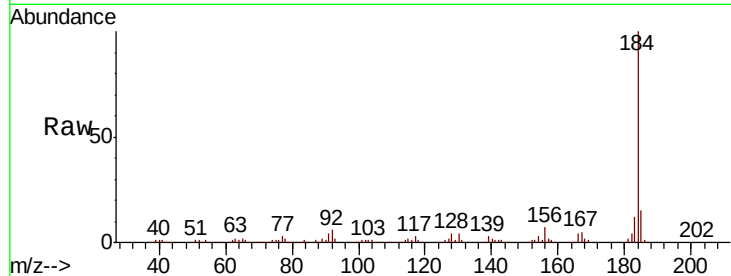
Tot Ion:184 Resp: 527135

Ion Ratio Lower Upper

184 100

185 15.3 12.2 18.4

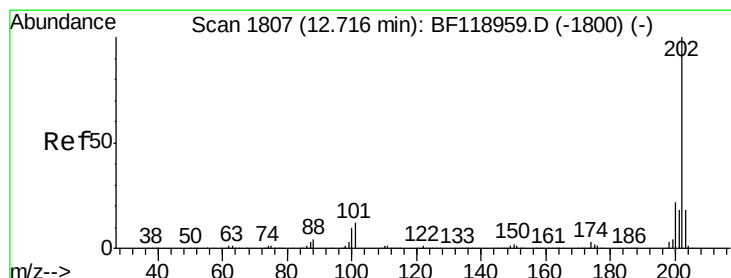
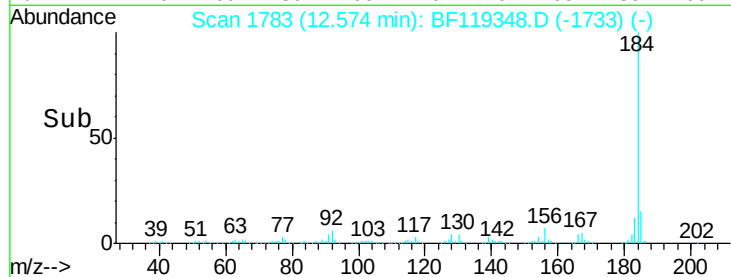
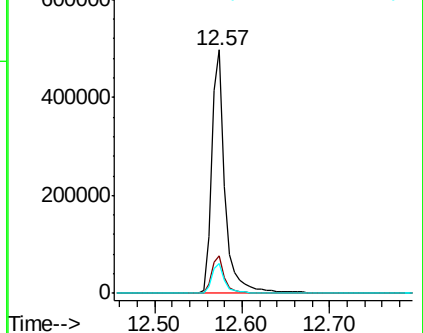
183 12.4 9.9 14.9



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: 37.689 ng

RT: 12.68 min Scan# 1801

Delta R.T. -0.01 min

Lab File: BF119348.D

Acq: 11 Mar 2020 15:39

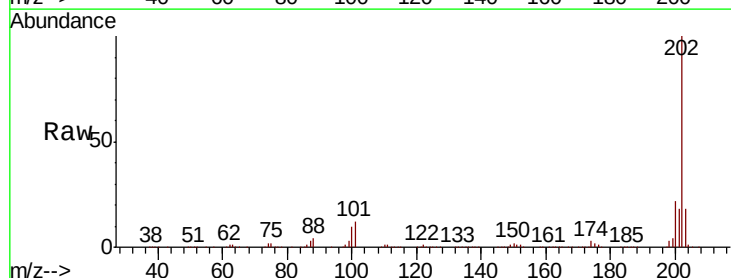
Tgt Ion:202 Resp: 1061458

Ion Ratio Lower Upper

202 100

200 21.8 18.0 27.0

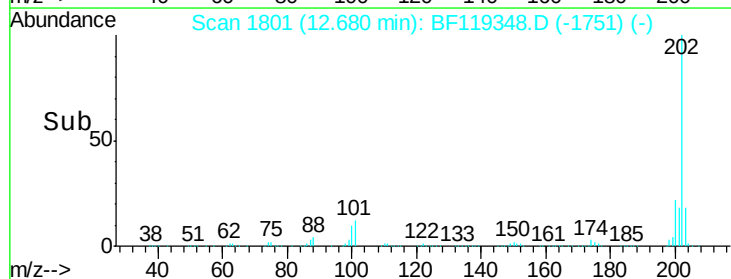
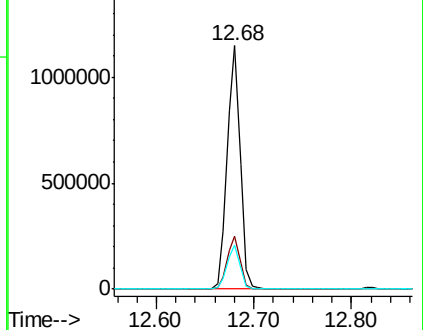
203 17.9 14.6 22.0

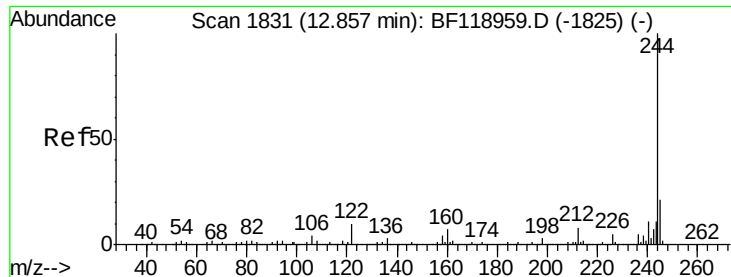


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 80.229 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF119348.D

Acq: 11 Mar 2020 15:39

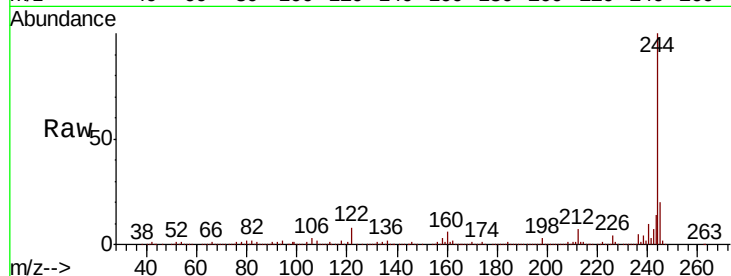
Instrument :

BNA_F

ClientSampleId :

Tot Ion:244 Resp: 1634400

Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.6	10.0
122	8.2	8.2	12.2

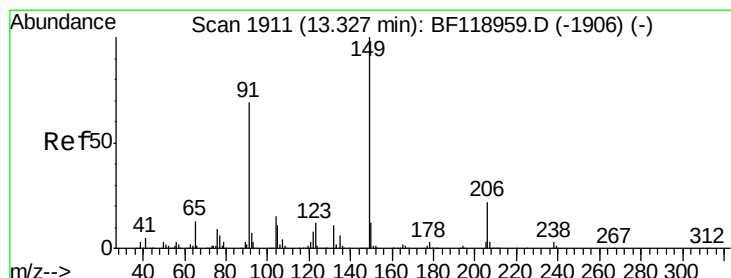
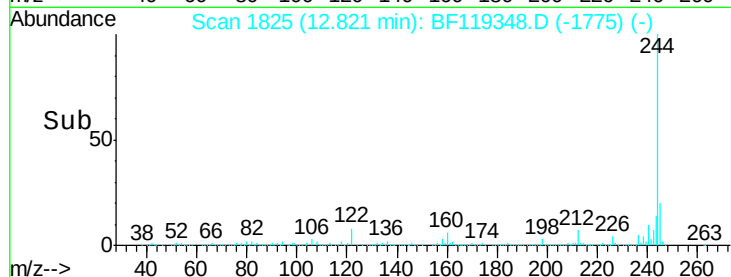
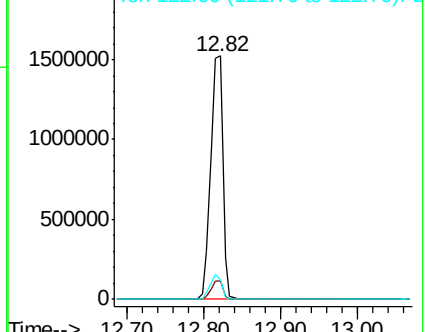


Abundance

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: 41.835 ng

RT: 13.29 min Scan# 1904

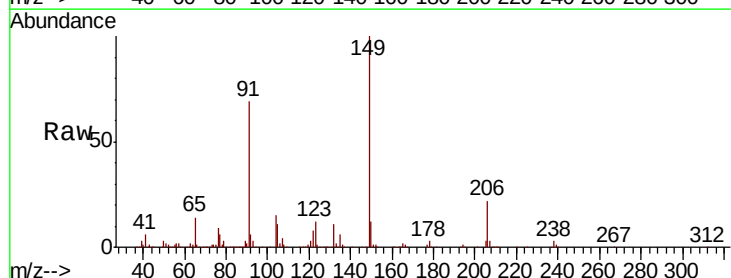
Delta R.T. -0.01 min

Lab File: BF119348.D

Acq: 11 Mar 2020 15:39

Tgt Ion:149 Resp: 495880

Ion	Ratio	Lower	Upper
149	100		
91	69.5	52.3	78.5
206	21.8	18.5	27.7

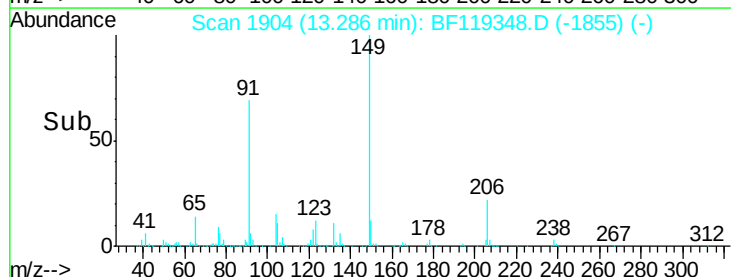
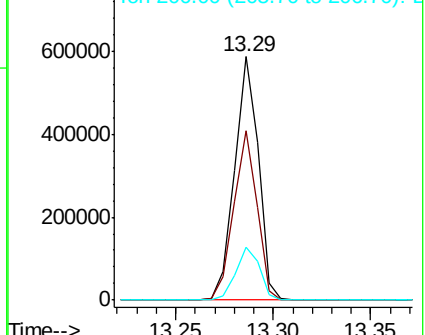


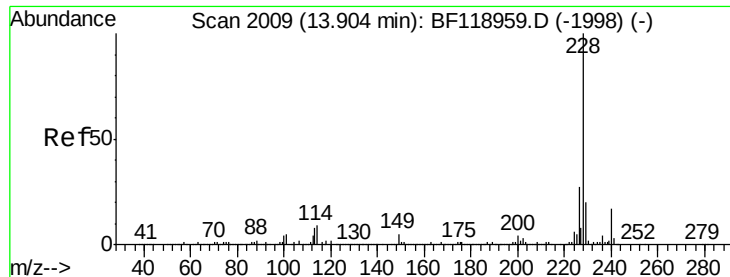
Abundance

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

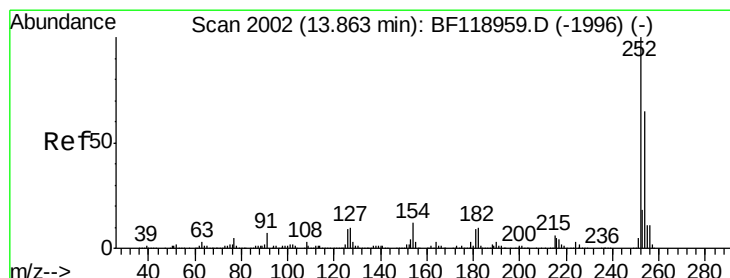
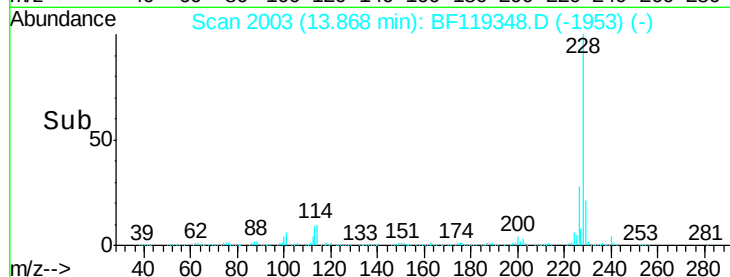
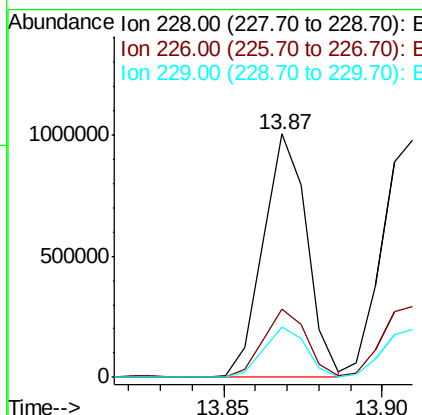
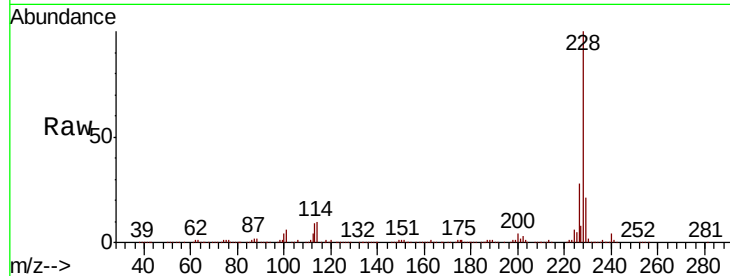




#81
Benzo(a)anthracene
Concen: 40.377 ng
RT: 13.87 min Scan# 2003
Delta R.T. -0.01 min
Lab File: BF119348.D
Acq: 11 Mar 2020 15:39

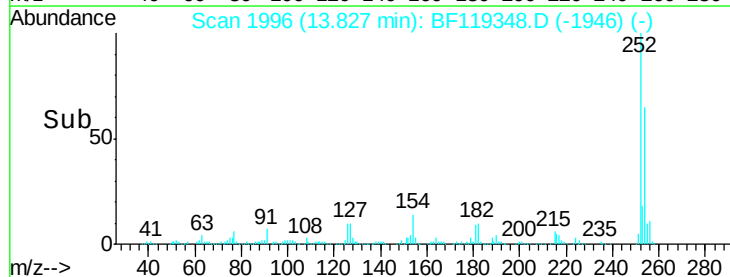
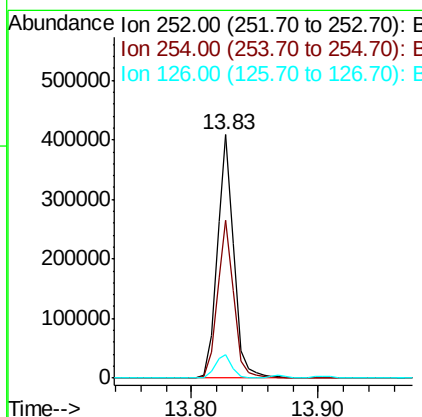
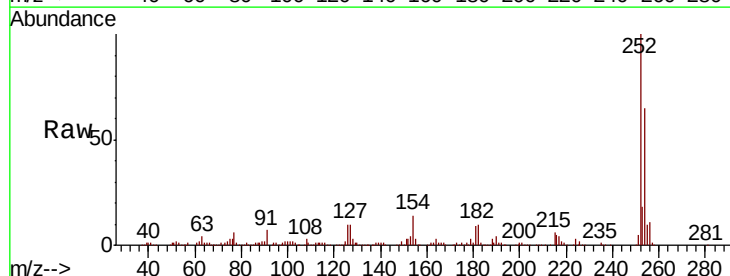
Instrument :
BNA_F
ClientSampled :

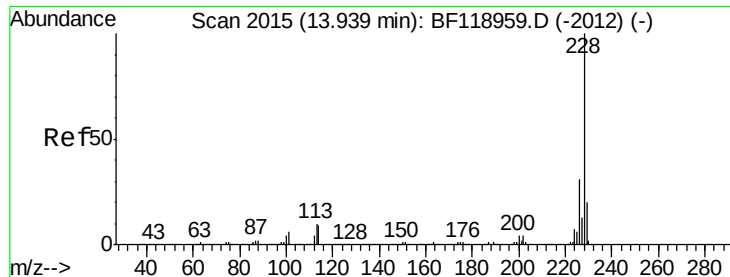
Tot Ion:228 Resp: 964935
Ion Ratio Lower Upper
228 100
226 28.1 22.6 33.8
229 20.5 16.6 24.8



#82
3,3'-Dichlorobenzidine
Concen: 40.460 ng
RT: 13.83 min Scan# 1996
Delta R.T. -0.01 min
Lab File: BF119348.D
Acq: 11 Mar 2020 15:39

Tgt Ion:252 Resp: 375454
Ion Ratio Lower Upper
252 100
254 65.0 51.6 77.4
126 9.9 7.4 11.0





#83

Chrysene

Concen: 39.629 ng

RT: 13.91 min Scan# 2010

Delta R.T. -0.01 min

Lab File: BF119348.D

Acq: 11 Mar 2020 15:39

Instrument :

BNA_F

ClientSampled :

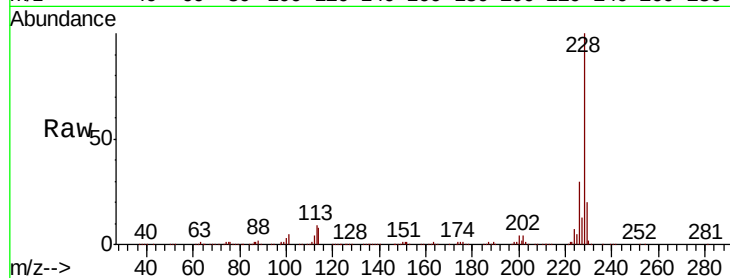
Tot Ion:228 Resp: 943658

Ion Ratio Lower Upper

228 100

226 30.2 25.1 37.7

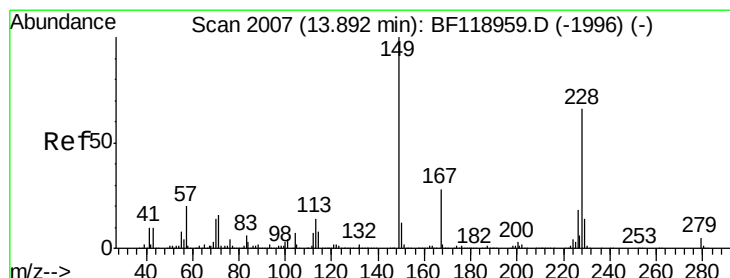
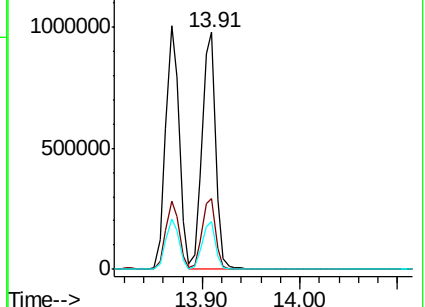
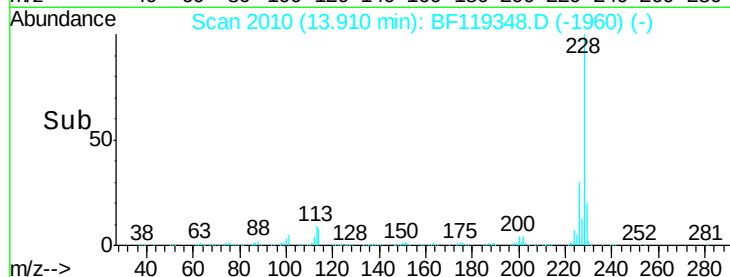
229 20.0 16.3 24.5



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: 46.567 ng

RT: 13.84 min Scan# 1999

Delta R.T. -0.01 min

Lab File: BF119348.D

Acq: 11 Mar 2020 15:39

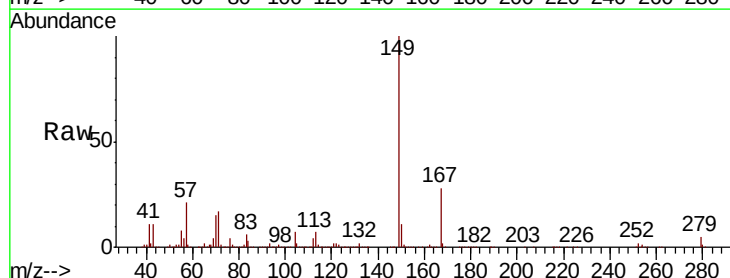
Tgt Ion:149 Resp: 697340

Ion Ratio Lower Upper

149 100

167 27.6 22.8 34.2

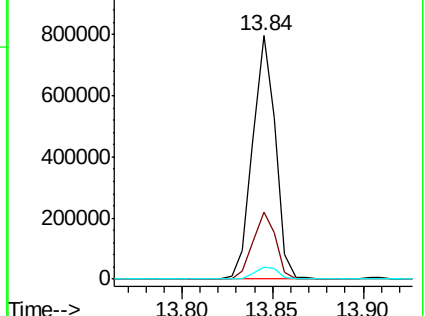
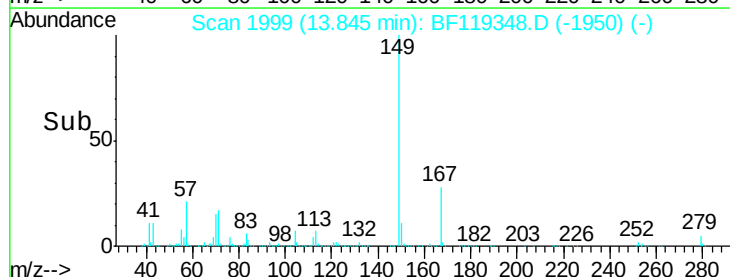
279 4.9 4.6 6.8

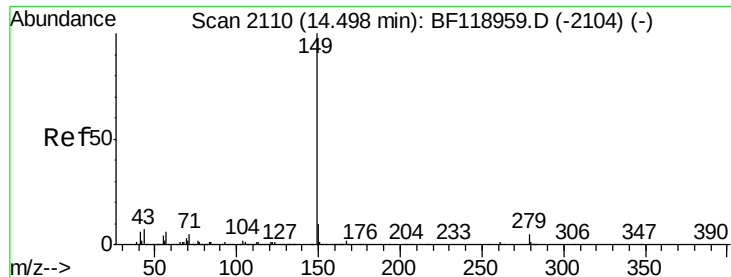


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 47.325 ng

RT: 14.45 min Scan# 2102

Delta R.T. -0.01 min

Lab File: BF119348.D

Acq: 11 Mar 2020 15:39

Instrument :

BNA_F

ClientSampleId :

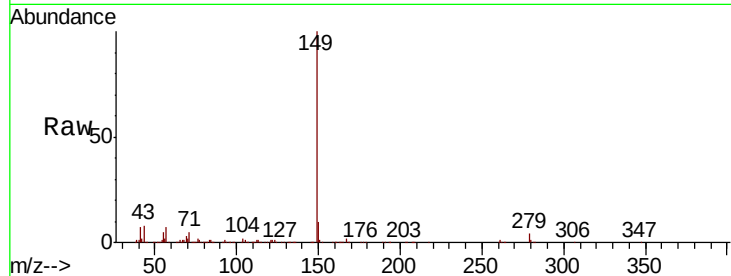
Tot Ion:149 Resp: 1129147

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

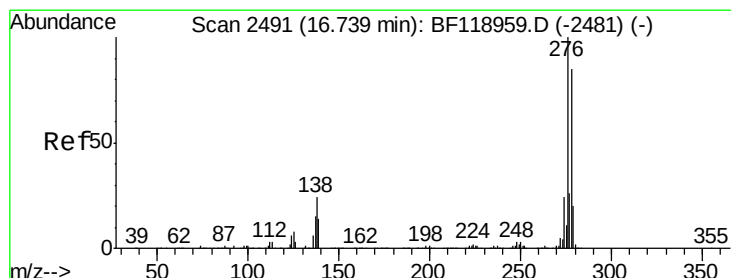
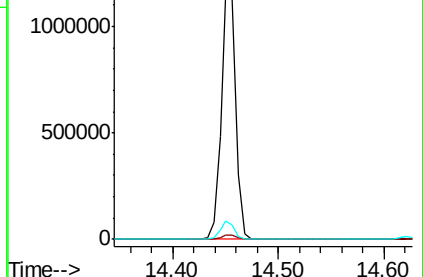
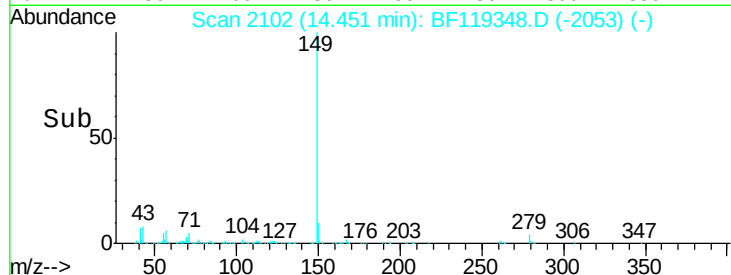
43 6.9 5.7 8.5



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: 34.858 ng

RT: 16.72 min Scan# 2487

Delta R.T. 0.00 min

Lab File: BF119348.D

Acq: 11 Mar 2020 15:39

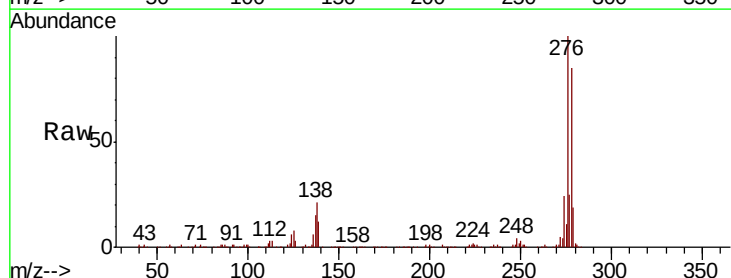
Tgt Ion:276 Resp: 803708

Ion Ratio Lower Upper

276 100

138 21.3 17.4 26.0

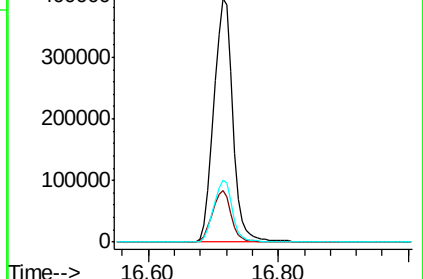
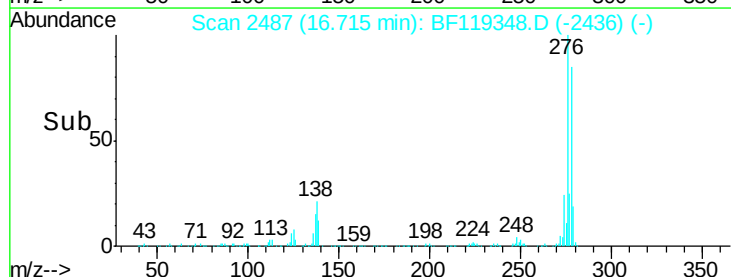
277 25.1 20.3 30.5

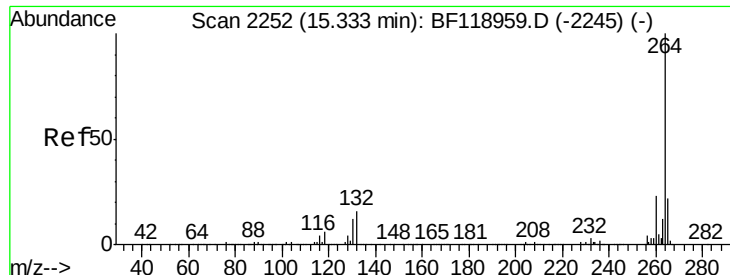


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



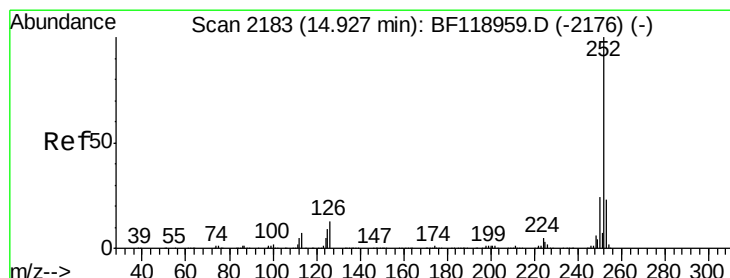
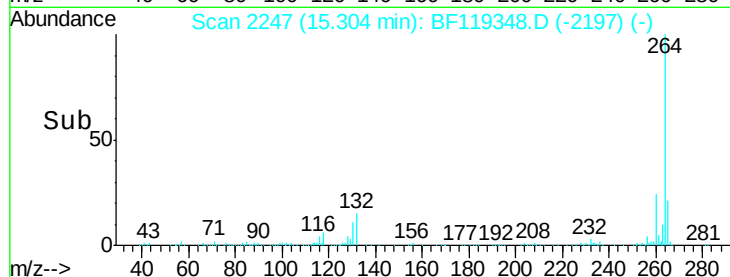
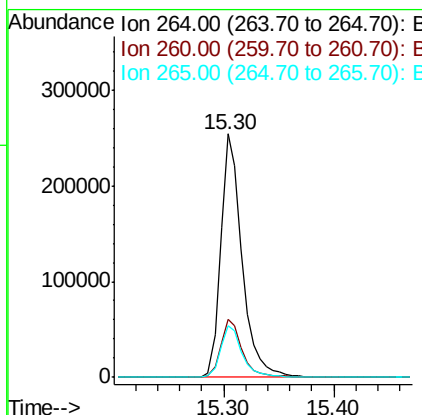
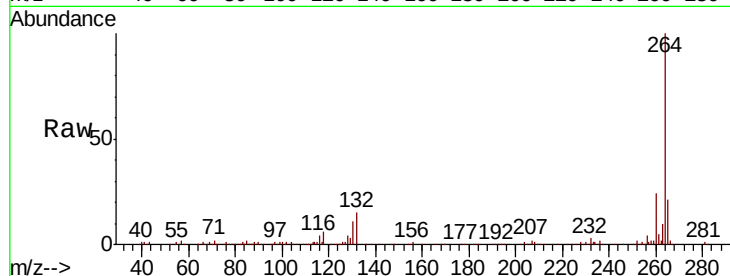


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.30 min Scan# 2247
Delta R.T. -0.01 min
Lab File: BF119348.D
Acq: 11 Mar 2020 15:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 342280

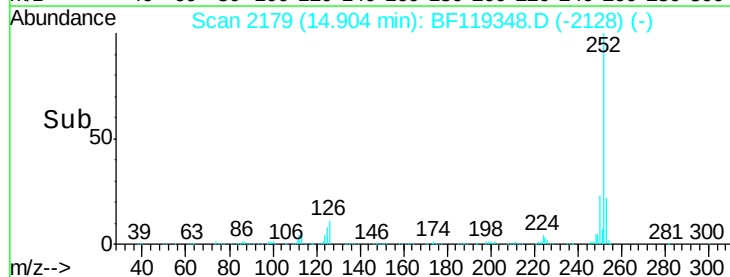
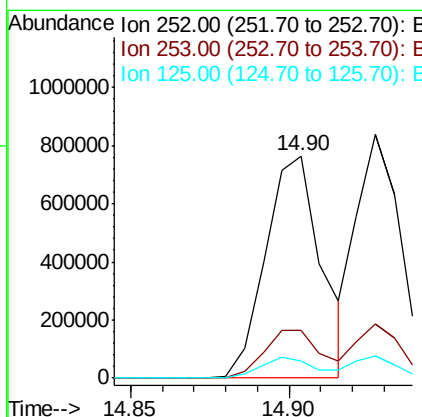
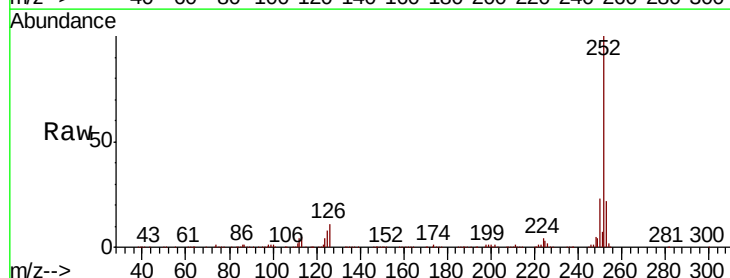
Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.4	29.2
265	21.1	17.7	26.5

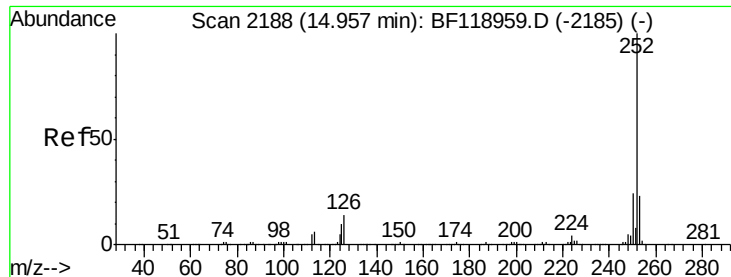


#88
Benzo(b)fluoranthene
Concen: 41.547 ng
RT: 14.90 min Scan# 2179
Delta R.T. 0.00 min
Lab File: BF119348.D
Acq: 11 Mar 2020 15:39

Tgt Ion:252 Resp: 937362

Ion	Ratio	Lower	Upper
252	100		
253	21.6	18.1	27.1
125	7.9	7.4	11.0

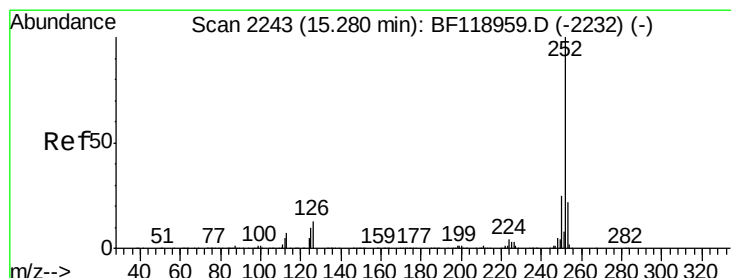
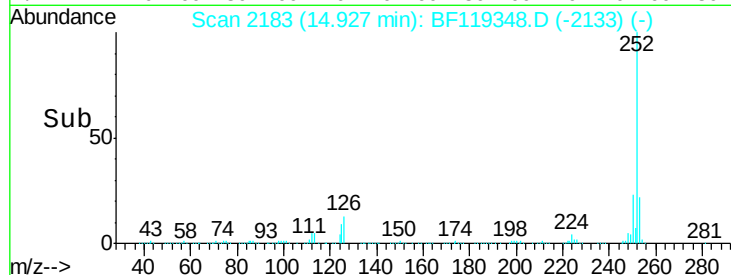
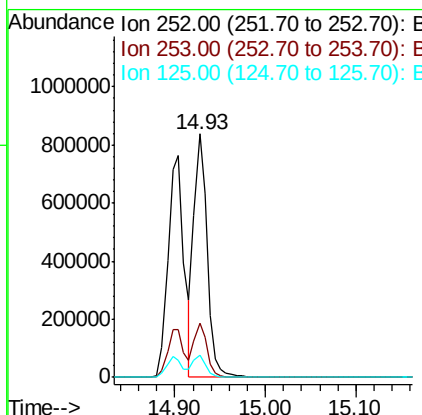
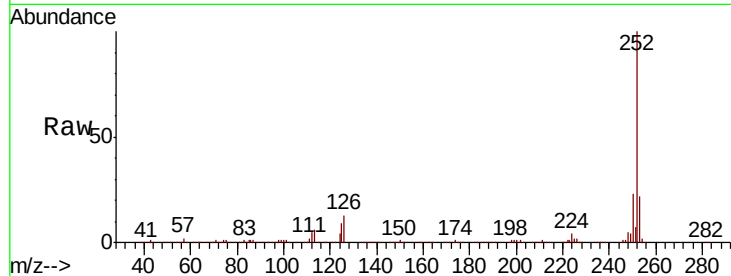




#89
Benzo(k)fluoranthene
Concen: 40.101 ng
RT: 14.93 min Scan# 2183
Delta R.T. -0.01 min
Lab File: BF119348.D
Acq: 11 Mar 2020 15:39

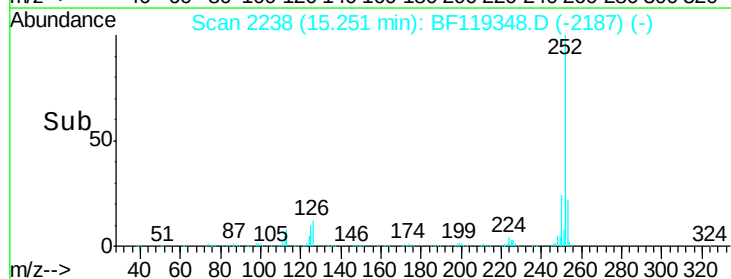
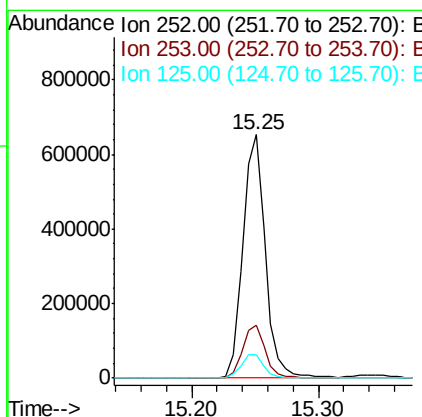
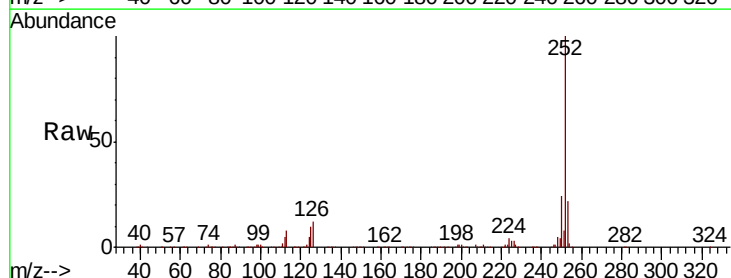
Instrument :
BNA_F
ClientSampled :

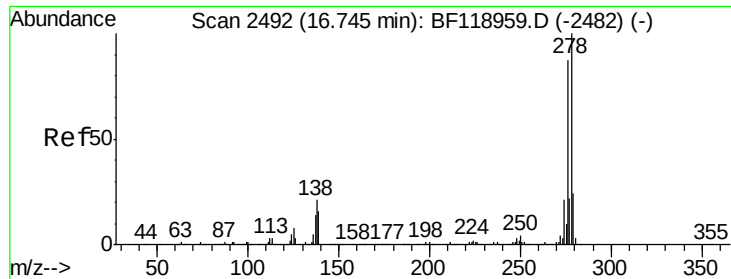
Tot Ion:252 Resp: 838431
Ion Ratio Lower Upper
252 100
253 22.0 17.8 26.8
125 8.9 7.5 11.3



#90
Benzo(a)pyrene
Concen: 38.988 ng
RT: 15.25 min Scan# 2238
Delta R.T. 0.00 min
Lab File: BF119348.D
Acq: 11 Mar 2020 15:39

Tgt Ion:252 Resp: 793874
Ion Ratio Lower Upper
252 100
253 21.8 18.0 27.0
125 9.5 8.6 12.8





#91

Dibenzo(a,h)anthracene

Concen: 37.463 ng

RT: 16.72 min Scan# 2487

Delta R.T. 0.00 min

Lab File: BF119348.D

Acq: 11 Mar 2020 15:39

Instrument :

BNA_F

ClientSampleId :

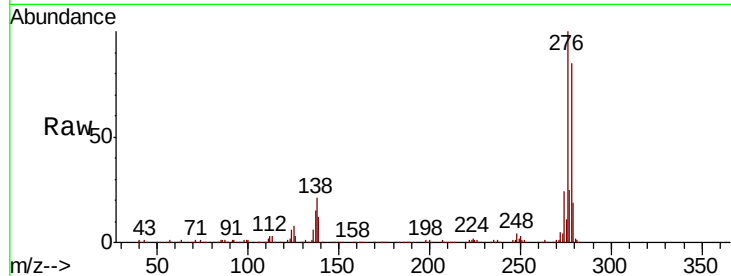
Tot Ion:278 Resp: 671195

Ion Ratio Lower Upper

278 100

139 13.6 11.0 16.4

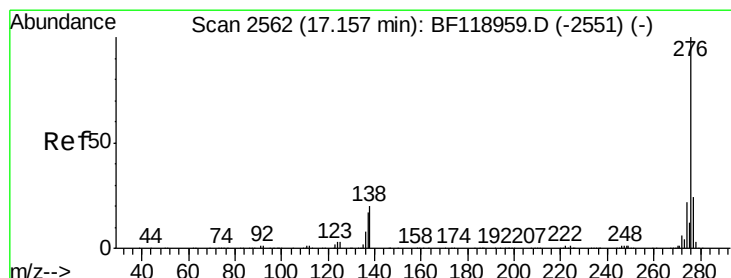
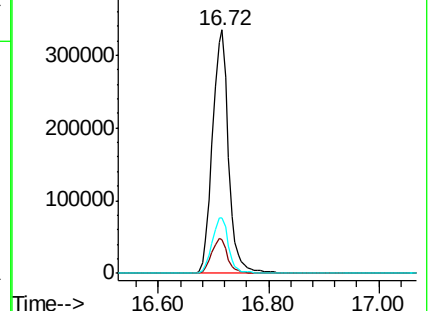
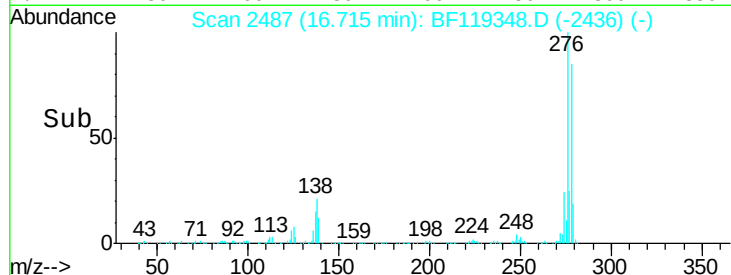
279 23.0 18.6 28.0



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 35.720 ng

RT: 17.13 min Scan# 2558

Delta R.T. -0.01 min

Lab File: BF119348.D

Acq: 11 Mar 2020 15:39

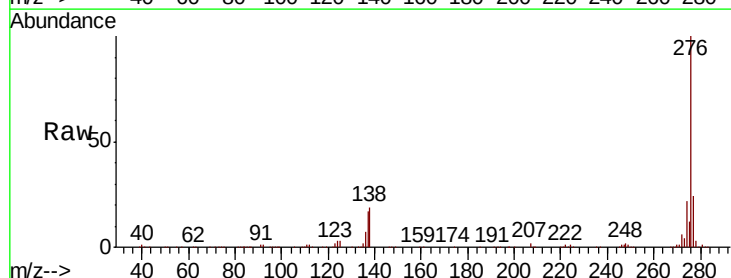
Tgt Ion:276 Resp: 632319

Ion Ratio Lower Upper

276 100

277 24.0 18.7 28.1

138 19.4 14.3 21.5



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

