

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030420\
 Data File : BF119187.D
 Acq On : 4 Mar 2020 10:53
 Operator : CG/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 04 13:00:37 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 26 16:03:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	154939	20.00	ng	0.00
21) Naphthalene-d8	8.03	136	581778	20.00	ng	0.00
39) Acenaphthene-d10	9.78	164	327393	20.00	ng	0.00
64) Phenanthrene-d10	11.26	188	599652	20.00	ng	0.00
76) Chrysene-d12	13.90	240	412172	20.00	ng	0.00
87) Perylene-d12	15.33	264	337777	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.36	112	768533	82.89	ng	0.00
7) Phenol-d6	6.40	99	945329	83.84	ng	0.00
23) Nitrobenzene-d5	7.32	82	935228	84.88	ng	0.00
42) 2,4,6-Tribromophenol	10.57	330	359594	83.96	ng	0.00
45) 2-Fluorobiphenyl	9.10	172	1780533	80.12	ng	0.00
79) Terphenyl-d14	12.84	244	2195475	91.71	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.41	88	151808	36.776	ng	99
3) Pyridine	3.14	79	426240	37.810	ng	100
4) n-Nitrosodimethylamine	3.09	42	145531	42.615	ng	97
6) Aniline	6.41	93	570040	40.972	ng	96
8) 2-Chlorophenol	6.53	128	427074	42.684	ng	99
9) Benzaldehyde	6.29	77	271292	36.012	ng	99
10) Phenol	6.41	94	509009	41.753	ng	95
11) bis(2-Chloroethyl)ether	6.48	93	396101	42.465	ng	97
12) 1,3-Dichlorobenzene	6.69	146	498171	41.541	ng	99
13) 1,4-Dichlorobenzene	6.76	146	504142	42.011	ng	100
14) 1,2-Dichlorobenzene	6.92	146	467252	42.693	ng	99
15) Benzyl Alcohol	6.89	79	368806	45.257	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.02	45	342074	42.335	ng	79
17) 2-Methylphenol	7.02	107	342724	42.249	ng	94
18) Hexachloroethane	7.25	117	183045	42.635	ng	99
19) n-Nitroso-di-n-propylamine	7.16	70	295674	45.002	ng	99
20) 3+4-Methylphenols	7.17	107	438482	44.121	ng	96
22) Acetophenone	7.16	105	582455	43.270	ng	# 97
24) Nitrobenzene	7.33	77	458270	42.058	ng	100
25) Isophorone	7.57	82	807458	42.196	ng	99
26) 2-Nitrophenol	7.65	139	243127	42.112	ng	99
27) 2,4-Dimethylphenol	7.69	122	321858	41.077	ng	99
28) bis(2-Chloroethoxy)methane	7.77	93	513129	41.197	ng	99
29) 2,4-Dichlorophenol	7.89	162	386800	41.933	ng	97
30) 1,2,4-Trichlorobenzene	7.97	180	448586	41.017	ng	98
31) Naphthalene	8.05	128	1248691	41.386	ng	98
32) Benzoic acid	7.86	122	183438	34.300	ng	96
33) 4-Chloroaniline	8.10	127	544465	41.956	ng	100
34) Hexachlorobutadiene	8.16	225	284373	41.744	ng	99
35) Caprolactam	8.49	113	119909	42.218	ng	99
36) 4-Chloro-3-methylphenol	8.60	107	404251	43.303	ng	100
37) 2-Methylnaphthalene	8.74	142	848105	41.769	ng	99
38) 1-Methylnaphthalene	8.84	142	803682	42.087	ng	97
40) 1,2,4,5-Tetrachlorobenzene	8.91	216	448032	40.589	ng	100

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030420\
 Data File : BF119187.D
 Acq On : 4 Mar 2020 10:53
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 04 13:00:37 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 26 16:03:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.89	237	104767	32.407	ng	99
43) 2,4,6-Trichlorophenol	9.03	196	283369	40.652	ng	99
44) 2,4,5-Trichlorophenol	9.07	196	283228	38.720	ng	100
46) 1,1'-Biphenyl	9.20	154	1084760	40.996	ng	99
47) 2-Chloronaphthalene	9.23	162	878744	41.211	ng	99
48) 2-Nitroaniline	9.33	65	263217	44.258	ng	98
49) Acenaphthylene	9.65	152	1259526	40.898	ng	99
50) Dimethylphthalate	9.50	163	1045973	41.780	ng	99
51) 2,6-Dinitrotoluene	9.57	165	229494	41.260	ng	92
52) Acenaphthene	9.82	154	765629	41.230	ng	99
53) 3-Nitroaniline	9.75	138	256787	41.644	ng	98
54) 2,4-Dinitrophenol	9.86	184	93047	38.679	ng	# 89
55) Dibenzofuran	9.99	168	1117558	40.320	ng	99
56) 4-Nitrophenol	9.93	139	127949	34.536	ng	96
57) 2,4-Dinitrotoluene	9.99	165	291701	40.461	ng	96
58) Fluorene	10.33	166	924080	42.905	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.12	232	235270	38.118	ng	95
60) Diethylphthalate	10.20	149	1013095	42.941	ng	99
61) 4-Chlorophenyl-phenylether	10.32	204	484428	42.492	ng	99
62) 4-Nitroaniline	10.36	138	265144	42.028	ng	97
63) Azobenzene	10.48	77	886709	43.239	ng	99
65) 4,6-Dinitro-2-methylphenol	10.40	198	152283	41.968	ng	90
66) n-Nitrosodiphenylamine	10.44	169	824728	42.003	ng	99
67) 4-Bromophenyl-phenylether	10.80	248	328572	41.919	ng	98
68) Hexachlorobenzene	10.89	284	378679	41.903	ng	96
69) Atrazine	10.97	200	255065	37.180	ng	98
70) Pentachlorophenol	11.08	266	132994	36.533	ng	99
71) Phenanthrene	11.29	178	1370463	41.907	ng	98
72) Anthracene	11.34	178	1377168	42.148	ng	98
73) Carbazole	11.50	167	1232933	42.355	ng	99
74) Di-n-butylphthalate	11.82	149	1565697	44.415	ng	99
75) Fluoranthene	12.48	202	1468297	42.299	ng	98
77) Benzidine	12.59	184	624259	37.241	ng	100
78) Pyrene	12.70	202	1452440	43.884	ng	99
80) Butylbenzylphthalate	13.32	149	661045	47.456	ng	98
81) Benzo(a)anthracene	13.89	228	1233536	43.923	ng	99
82) 3,3'-Dichlorobenzidine	13.85	252	451016	41.358	ng	99
83) Chrysene	13.93	228	1149179	41.067	ng	99
84) Bis(2-ethylhexyl)phthalate	13.87	149	855123	48.592	ng	98
85) Di-n-octyl phthalate	14.48	149	1263017	45.045	ng	99
86) Indeno(1,2,3-cd)pyrene	16.75	276	916834	33.837	ng	99
88) Benzo(b)fluoranthene	14.93	252	1012613	45.481	ng	99
89) Benzo(k)fluoranthene	14.95	252	911277	44.166	ng	99
90) Benzo(a)pyrene	15.27	252	851481	42.374	ng	99
91) Dibenzo(a,h)anthracene	16.75	278	755095	42.708	ng	99
92) Benzo(g,h,i)perylene	17.17	276	734128	42.024	ng	99

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

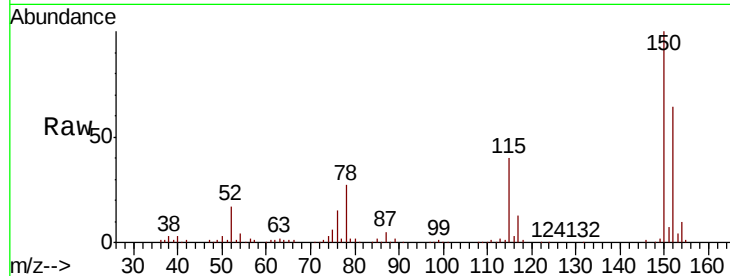


#1

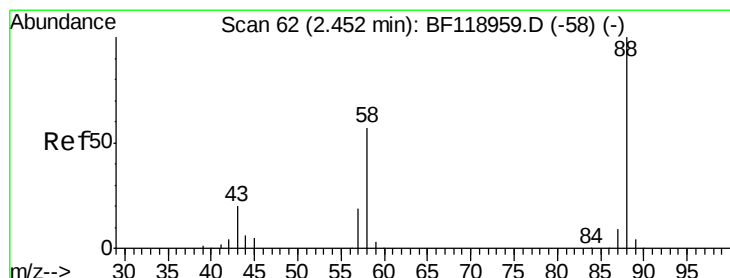
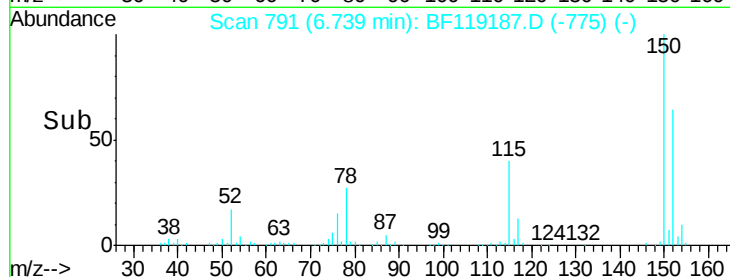
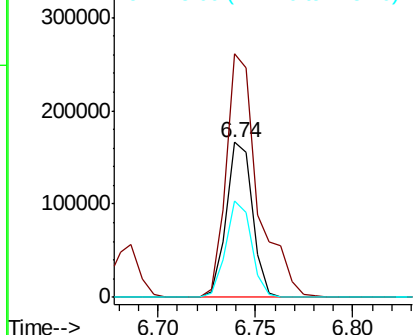
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.74 min Scan# 791
Delta R.T. -0.01 min
Lab File: BF119187.D
Acq: 4 Mar 2020 10:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.1	123.0	184.6
115	62.3	49.5	74.3



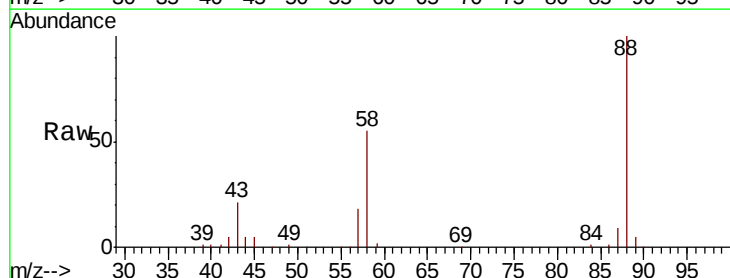
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



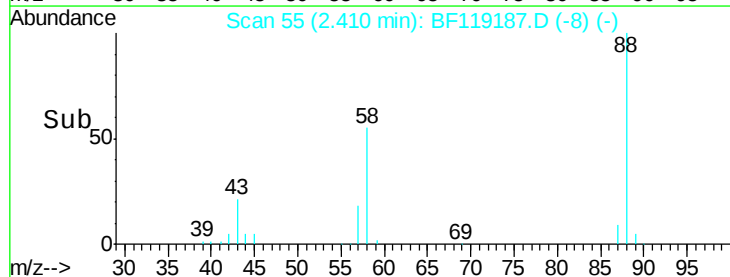
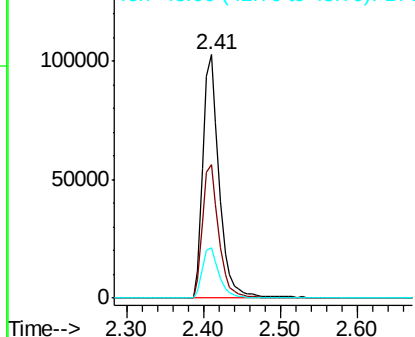
#2

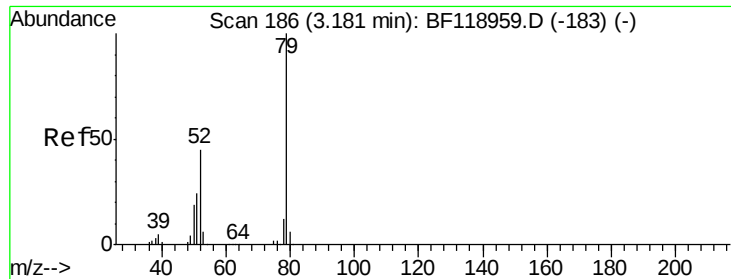
1,4-Dioxane
Concen: 36.776 ng
RT: 2.41 min Scan# 55
Delta R.T. -0.02 min
Lab File: BF119187.D
Acq: 4 Mar 2020 10:53

Tgt Ion	Ratio	Lower	Upper
88	100		
58	54.4	43.8	65.6
43	21.2	16.2	24.4



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





#3

Pvridine

Concen: 37.810 ng

RT: 3.14 min Scan# 179

Delta R.T. -0.02 min

Lab File: BF119187.D

Acq: 4 Mar 2020 10:53

Instrument :

BNA_F

ClientSampleId :

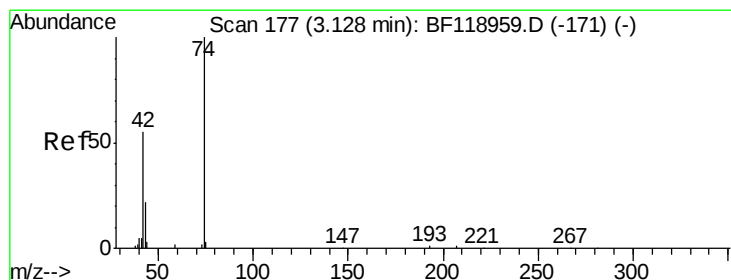
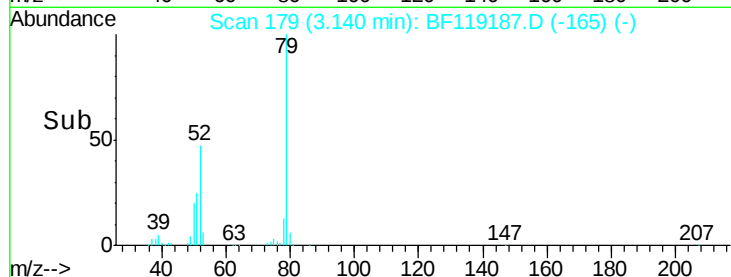
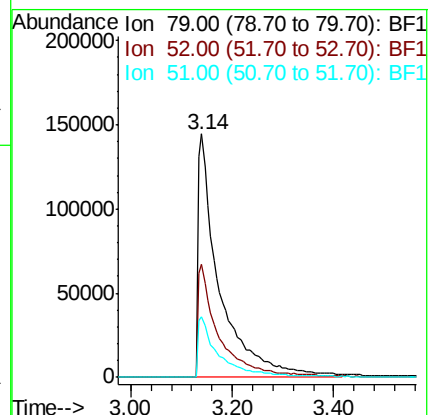
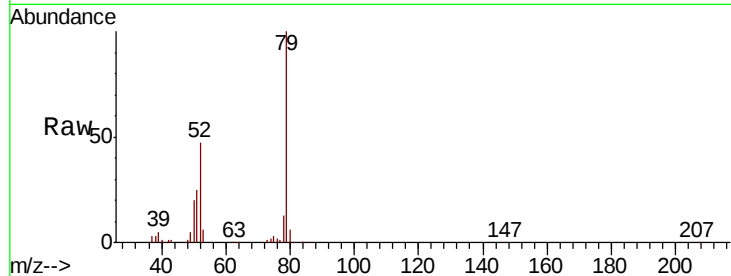
Tot Ion: 79 Resp: 426240

Ion Ratio Lower Upper

79 100

52 46.6 37.4 56.0

51 24.9 19.8 29.6



#4

n-Nitrosodimethylamine

Concen: 42.615 ng

RT: 3.09 min Scan# 171

Delta R.T. -0.03 min

Lab File: BF119187.D

Acq: 4 Mar 2020 10:53

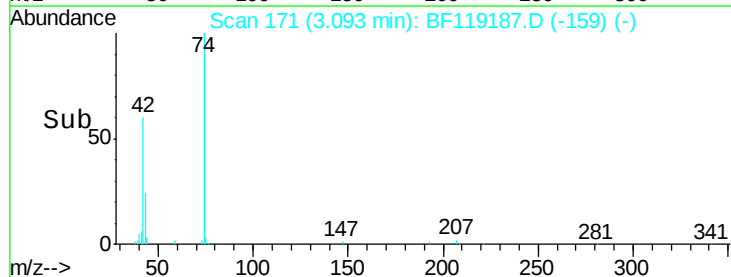
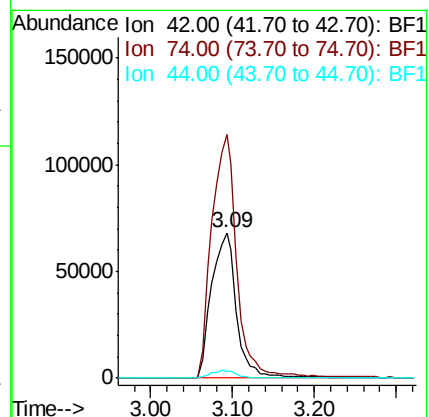
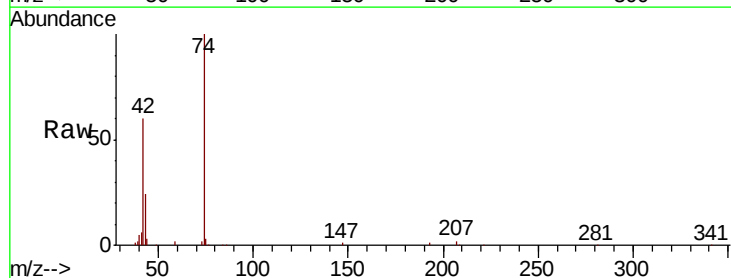
Tgt Ion: 42 Resp: 145531

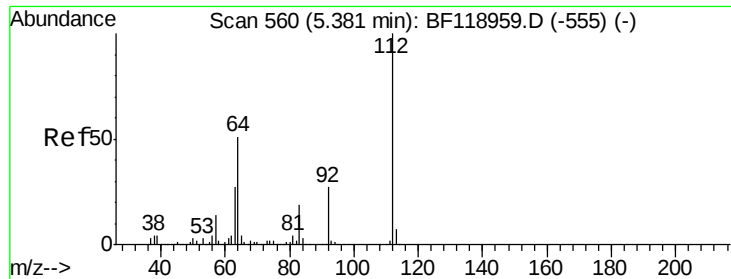
Ion Ratio Lower Upper

42 100

74 167.3 137.7 206.5

44 4.9 4.5 6.7

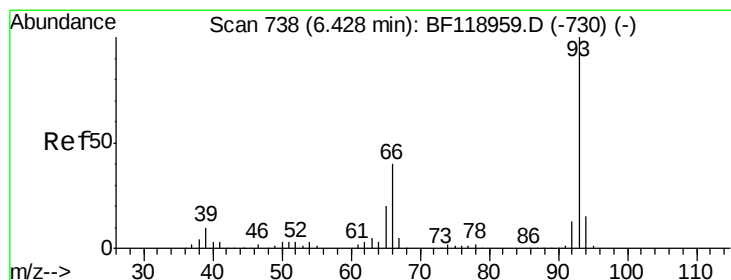
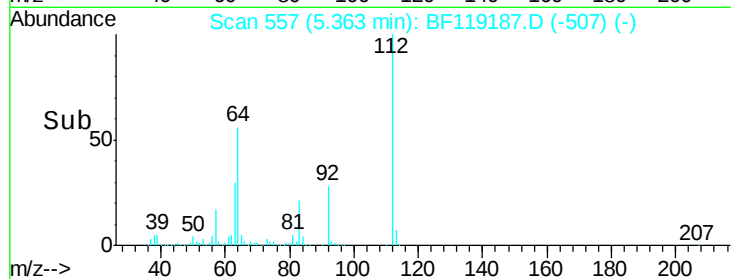
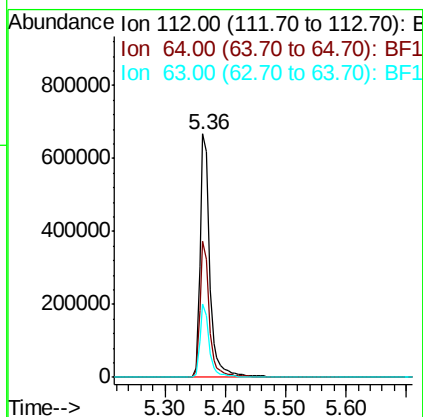
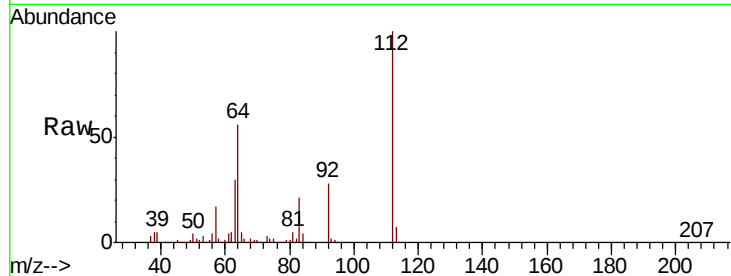




#5
2-Fluorophenol
Concen: 82.894 ng
RT: 5.36 min Scan# 557
Delta R.T. -0.01 min
Lab File: BF119187.D
Acq: 4 Mar 2020 10:53

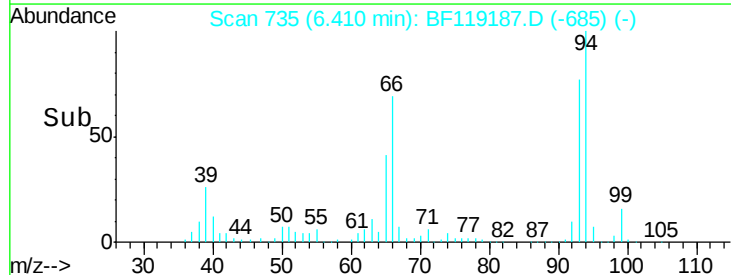
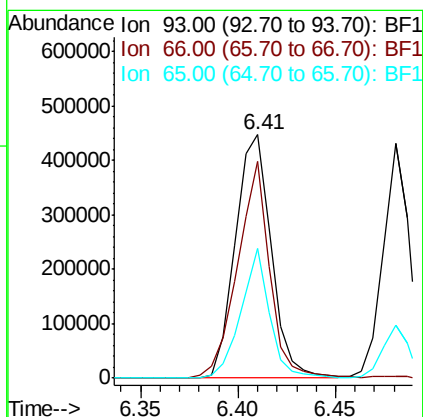
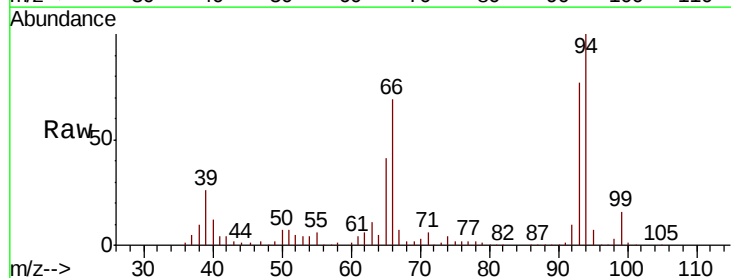
Instrument :
BNA_F
ClientSampled :

Tot Ion:112 Resp: 768533
Ion Ratio Lower Upper
112 100
64 55.8 45.0 67.4
63 30.1 24.2 36.4



#6
Aniline
Concen: 40.972 ng
RT: 6.41 min Scan# 735
Delta R.T. -0.01 min
Lab File: BF119187.D
Acq: 4 Mar 2020 10:53

Tgt Ion: 93 Resp: 570040
Ion Ratio Lower Upper
93 100
66 89.1 74.5 111.7
65 53.5 45.3 67.9





#7

Phenol-d6

Concen: 83.839 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF119187.D

Acq: 4 Mar 2020 10:53

Instrument :

BNA_F

ClientSampleId :

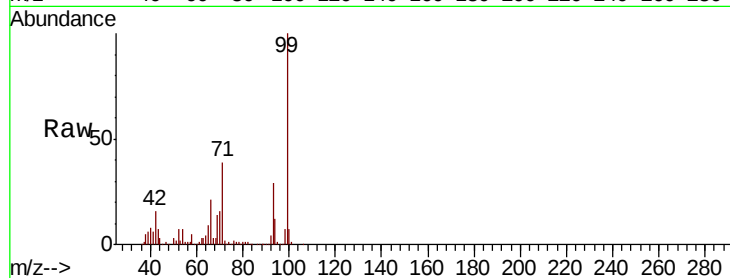
Tot Ion: 99 Resp: 945329

Ion Ratio Lower Upper

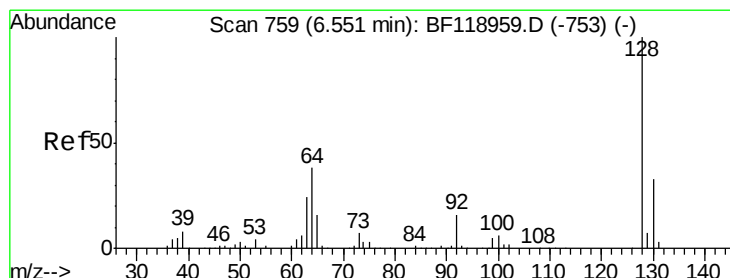
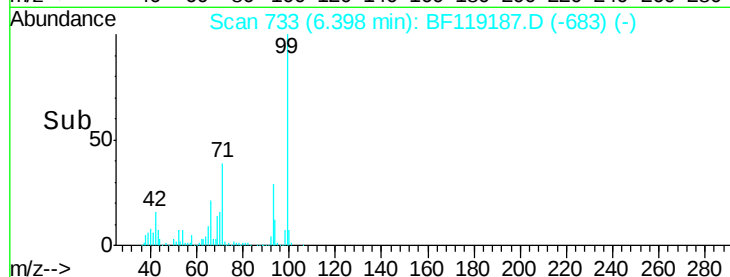
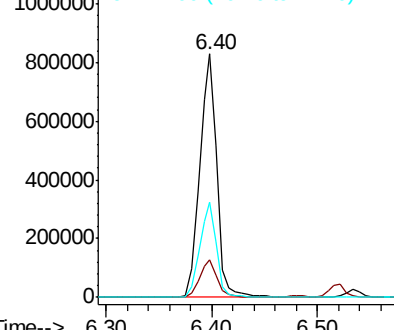
99 100

42 15.5 12.6 18.8

71 39.0 31.0 46.4



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



#8

2-Chlorophenol

Concen: 42.684 ng

RT: 6.53 min Scan# 756

Delta R.T. -0.01 min

Lab File: BF119187.D

Acq: 4 Mar 2020 10:53

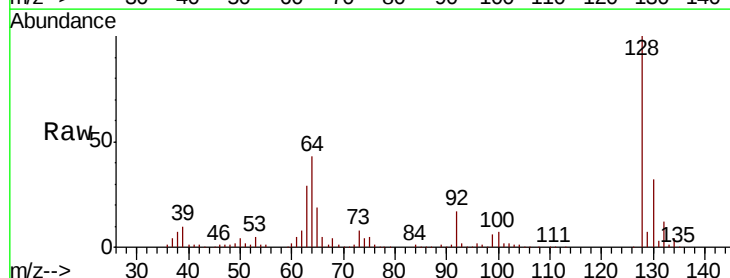
Tgt Ion:128 Resp: 427074

Ion Ratio Lower Upper

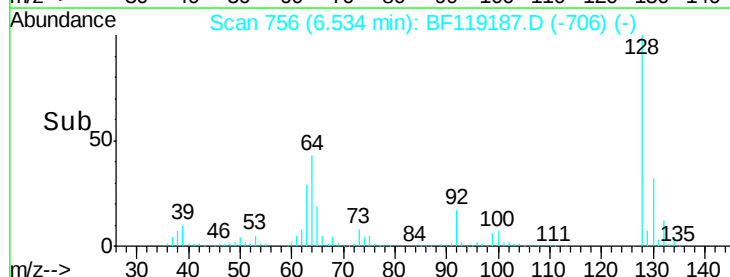
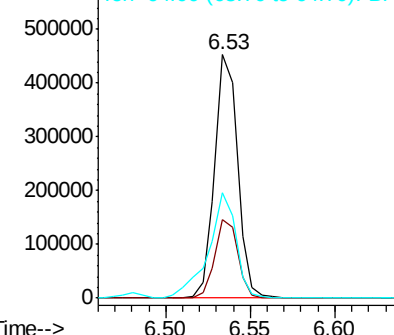
128 100

130 32.3 12.7 52.7

64 43.2 22.3 62.3



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





#9

Benzaldehyde

Concen: 36.012 ng

RT: 6.29 min Scan# 715

Delta R.T. -0.01 min

Lab File: BF119187.D

Acq: 4 Mar 2020 10:53

Instrument :

BNA_F

ClientSampleId :

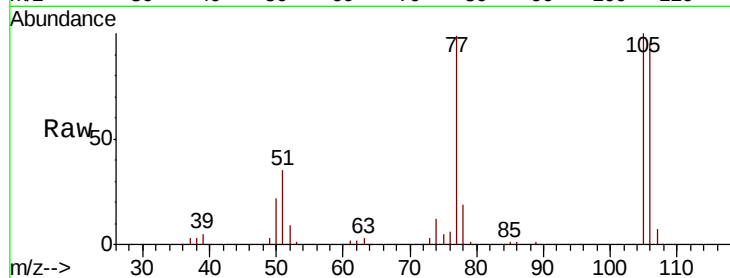
Tot Ion: 77 Resp: 271292

Ion Ratio Lower Upper

77 100

105 100.8 80.1 120.1

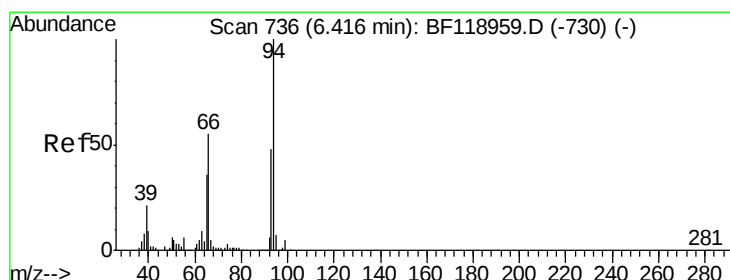
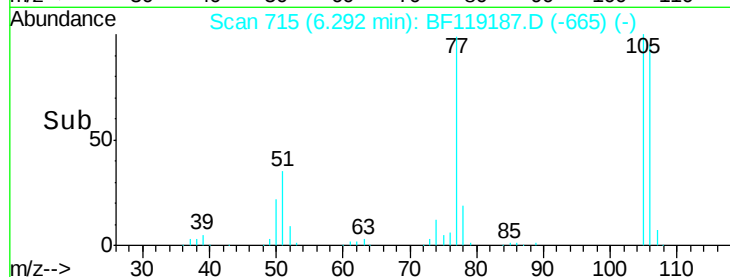
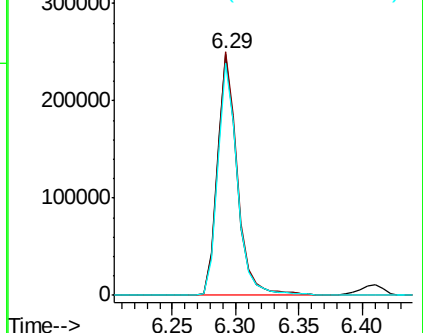
106 96.2 75.9 115.9



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: 41.753 ng

RT: 6.41 min Scan# 735

Delta R.T. -0.01 min

Lab File: BF119187.D

Acq: 4 Mar 2020 10:53

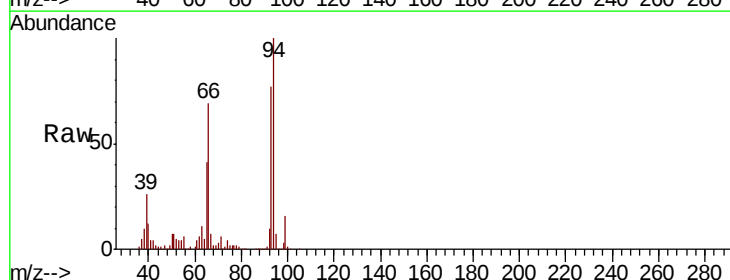
Tgt Ion: 94 Resp: 509009

Ion Ratio Lower Upper

94 100

65 41.4 19.2 59.2

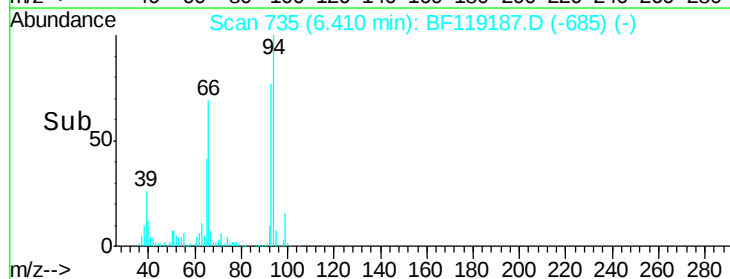
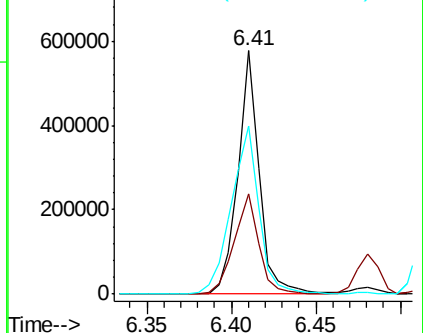
66 69.0 44.4 84.4



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

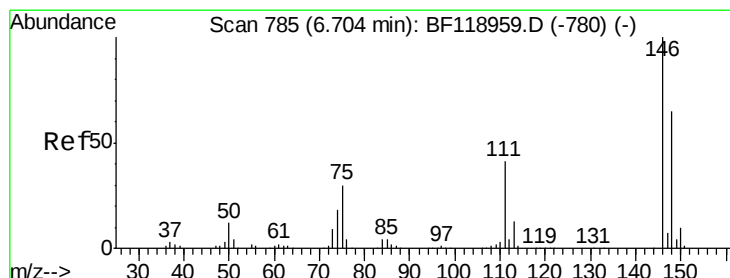
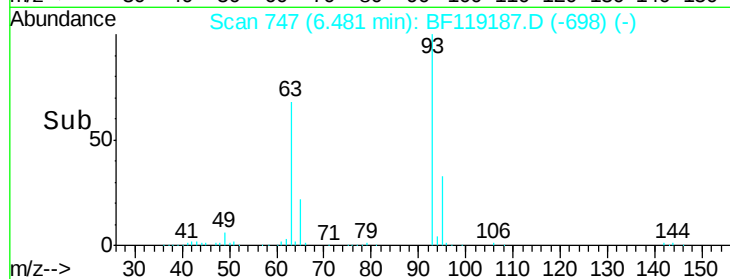
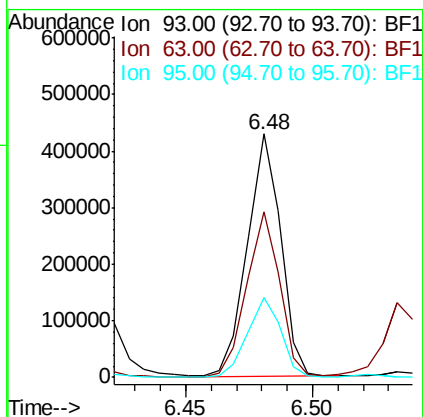
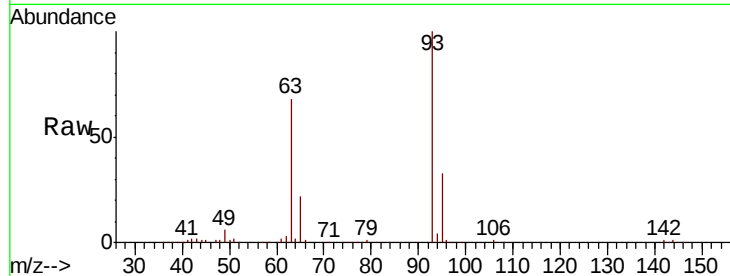




#11
bis(2-Chloroethyl)ether
Concen: 42.465 ng
RT: 6.48 min Scan# 747
Delta R.T. -0.01 min
Lab File: BF119187.D
Acq: 4 Mar 2020 10:53

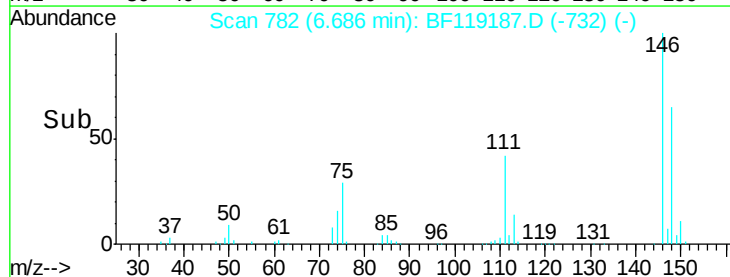
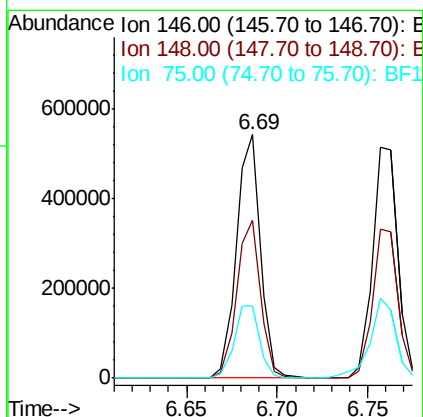
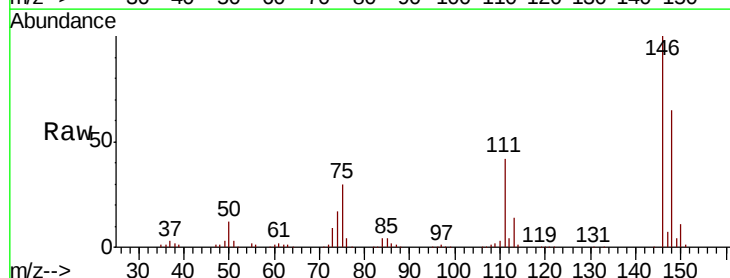
Instrument :
BNA_F
ClientSampleId :

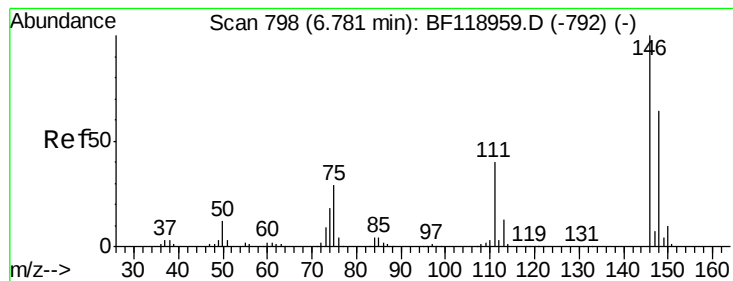
Tot Ion: 93 Resp: 396101
Ion Ratio Lower Upper
93 100
63 67.8 45.4 85.4
95 32.7 13.5 53.5



#12
1,3-Dichlorobenzene
Concen: 41.541 ng
RT: 6.69 min Scan# 782
Delta R.T. -0.01 min
Lab File: BF119187.D
Acq: 4 Mar 2020 10:53

Tgt Ion: 146 Resp: 498171
Ion Ratio Lower Upper
146 100
148 64.6 52.5 78.7
75 29.7 23.6 35.4





#13

1,4-Dichlorobenzene

Concen: 42.011 ng

RT: 6.76 min Scan# 794

Delta R.T. -0.01 min

Lab File: BF119187.D

Acq: 4 Mar 2020 10:53

Instrument :

BNA_F

ClientSampled :

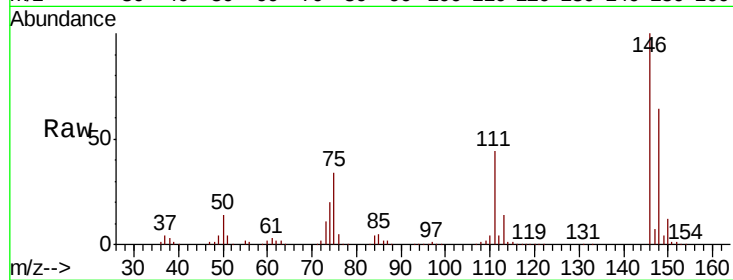
Tot Ion:146 Resp: 504142

Ion Ratio Lower Upper

146 100

148 64.3 51.1 76.7

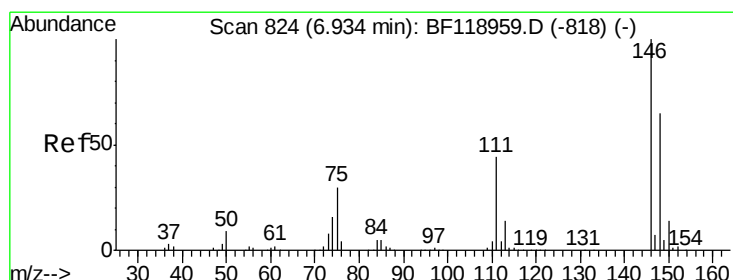
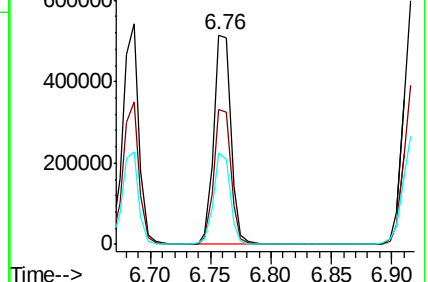
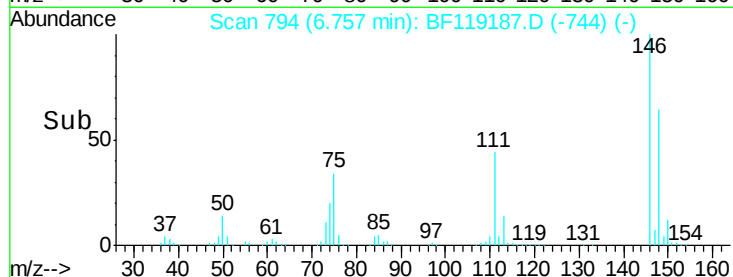
111 43.6 34.8 52.2



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 42.693 ng

RT: 6.92 min Scan# 821

Delta R.T. -0.01 min

Lab File: BF119187.D

Acq: 4 Mar 2020 10:53

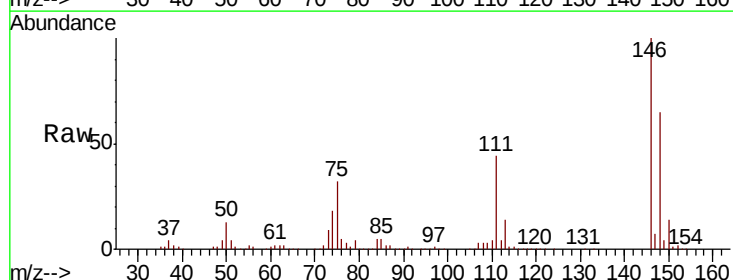
Tgt Ion:146 Resp: 467252

Ion Ratio Lower Upper

146 100

148 65.3 51.9 77.9

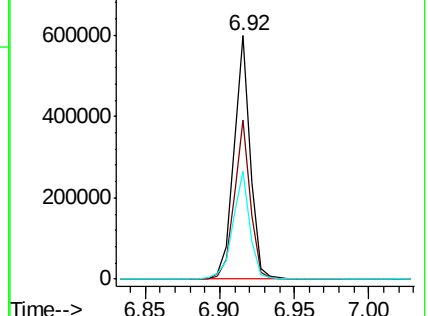
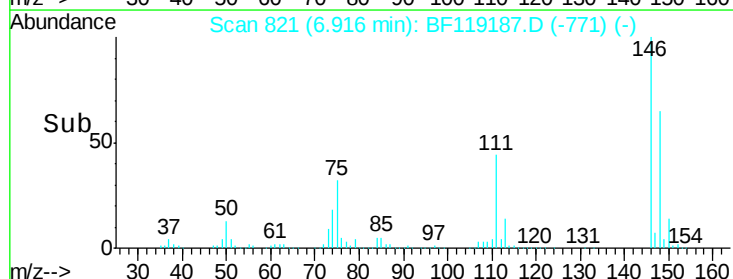
111 44.5 36.2 54.2

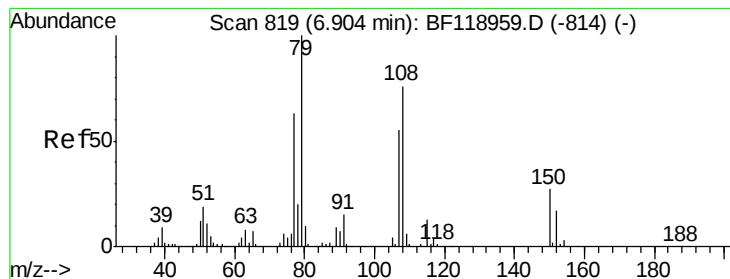


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 45.257 ng

RT: 6.89 min Scan# 817

Delta R.T. -0.01 min

Lab File: BF119187.D

Acq: 4 Mar 2020 10:53

Instrument :

BNA_F

ClientSampled :

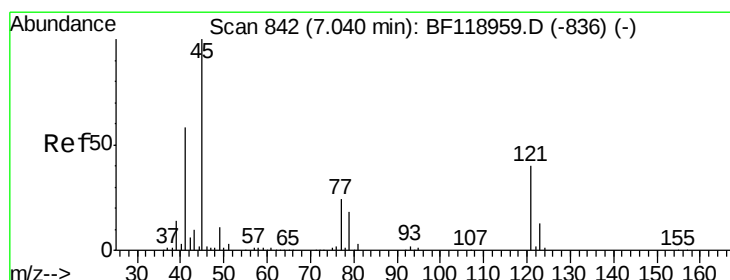
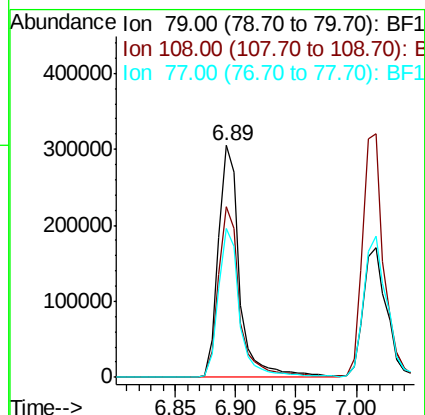
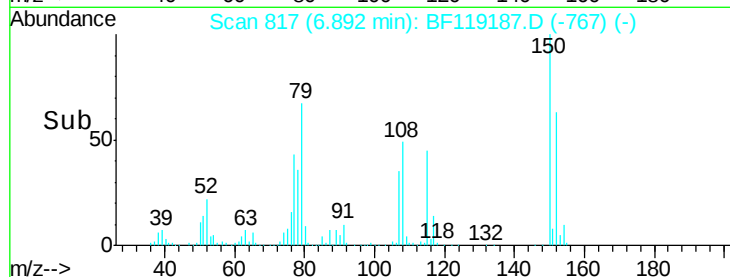
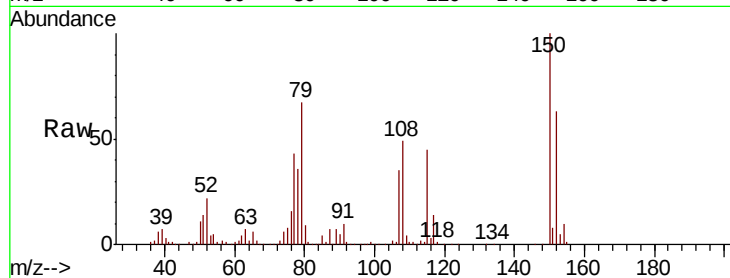
Tot Ion: 79 Resp: 368806

Ion Ratio Lower Upper

79 100

108 73.4 58.2 87.2

77 64.3 51.2 76.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 42.335 ng

RT: 7.02 min Scan# 839

Delta R.T. -0.01 min

Lab File: BF119187.D

Acq: 4 Mar 2020 10:53

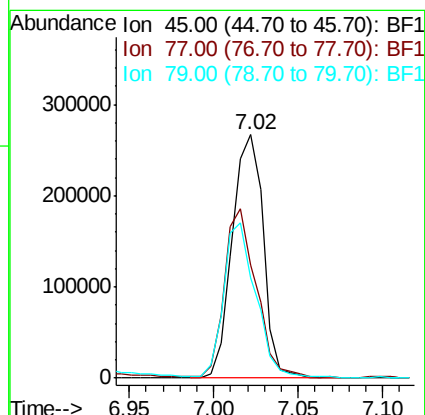
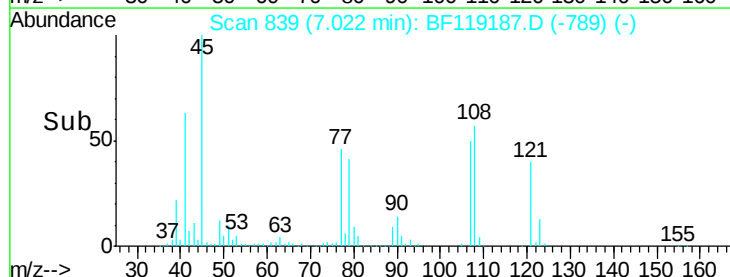
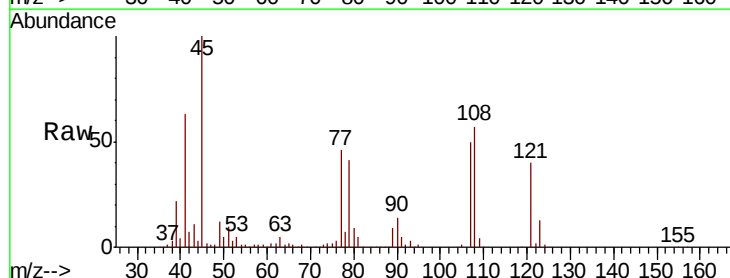
Tgt Ion: 45 Resp: 342074

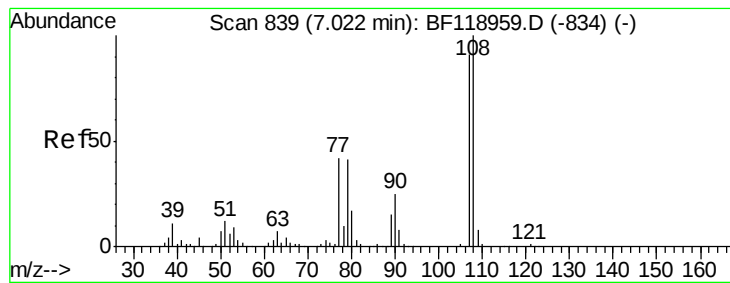
Ion Ratio Lower Upper

45 100

77 46.4 15.0 55.0

79 41.2 9.4 49.4





#17

2-Methylphenol

Concen: 42.249 ng

RT: 7.02 min Scan# 838

Delta R.T. -0.00 min

Lab File: BF119187.D

Acq: 4 Mar 2020 10:53

Instrument :

BNA_F

ClientSampled :

Tot Ion:107 Resp: 342724

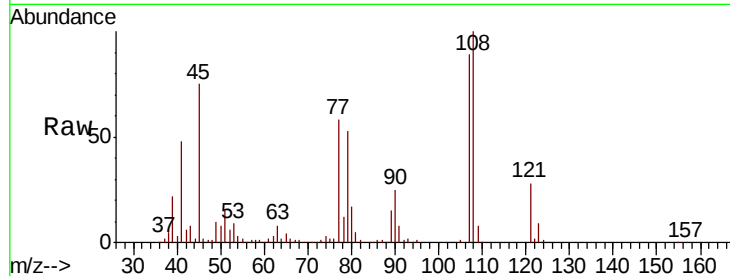
Ion Ratio Lower Upper

107 100

108 111.8 87.9 131.9

77 64.9 45.3 67.9

79 59.5 43.0 64.4

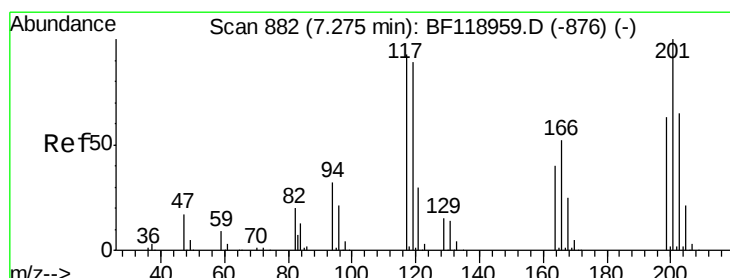
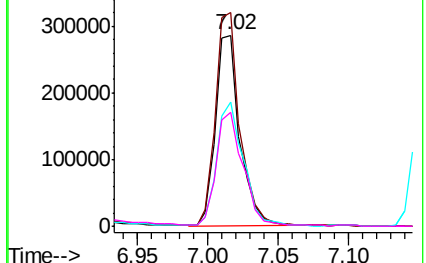
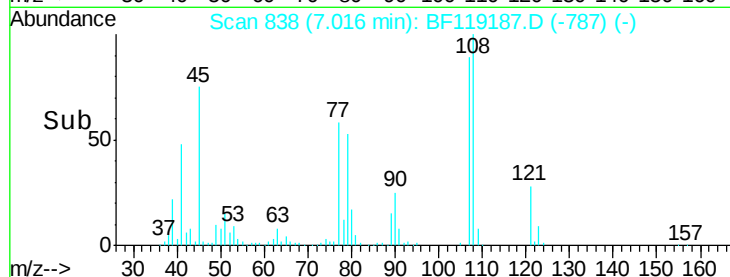


Abundance Ion 107.00 (106.70 to 107.70): E

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: 42.635 ng

RT: 7.25 min Scan# 878

Delta R.T. -0.01 min

Lab File: BF119187.D

Acq: 4 Mar 2020 10:53

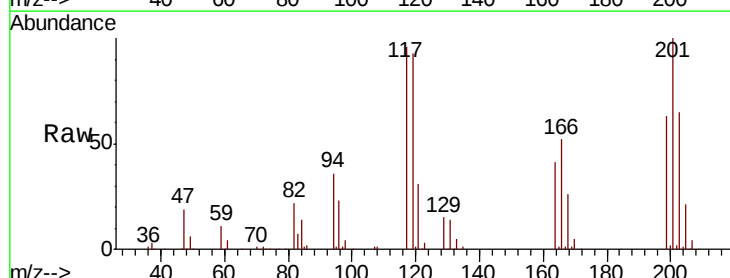
Tgt Ion:117 Resp: 183045

Ion Ratio Lower Upper

117 100

119 96.4 77.5 116.3

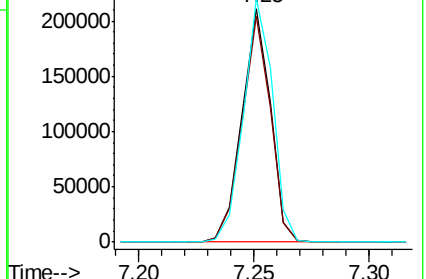
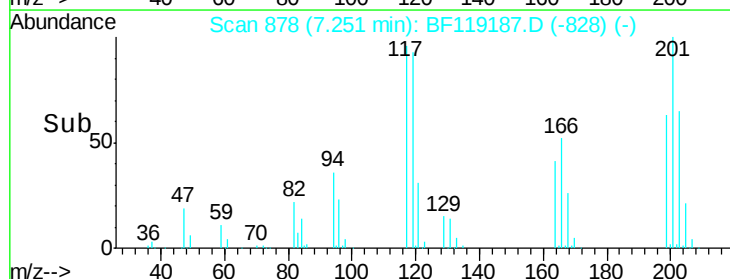
201 104.1 82.6 123.8

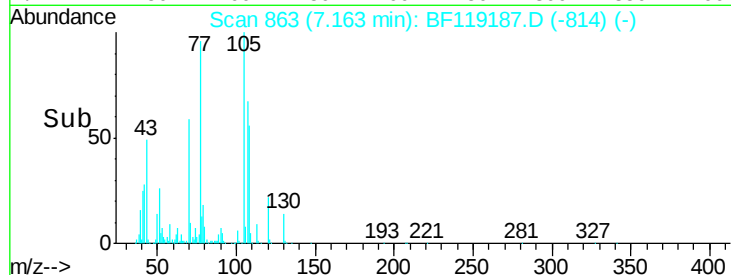
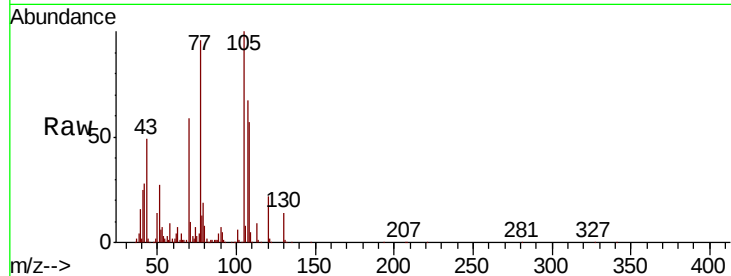


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

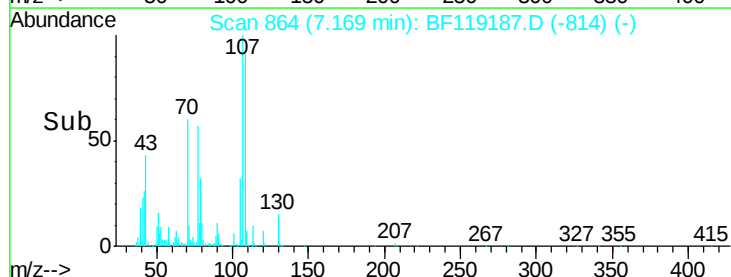
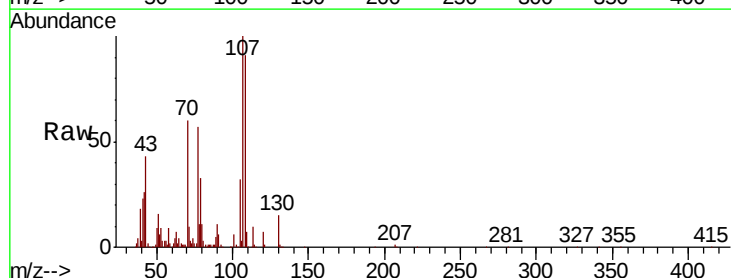
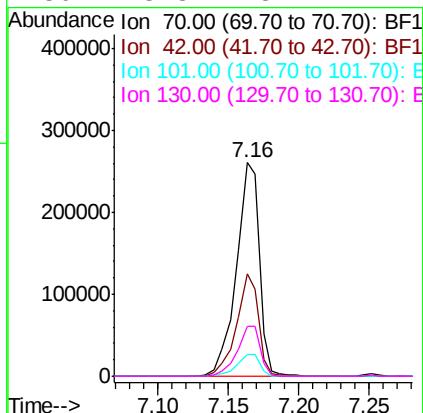




#19
n-Nitroso-di-n-propylamine
Concen: 45.002 ng
RT: 7.16 min Scan# 863
Delta R.T. -0.01 min
Lab File: BF119187.D
Acq: 4 Mar 2020 10:53

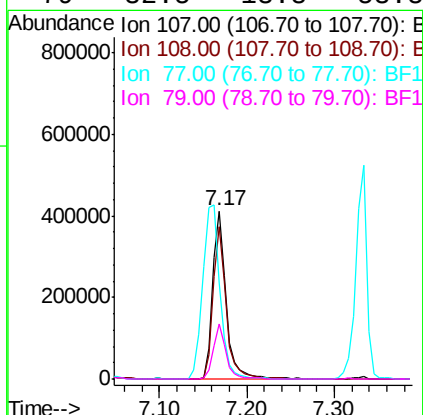
Instrument :
BNA_F
ClientSampleId :

Tot Ion	70	Resp	295674
Ion Ratio	Lower	Upper	
70	100		
42	48.2	38.0	57.0
101	10.1	8.2	12.4
130	23.3	18.2	27.4



#20
3+4-Methylphenols
Concen: 44.121 ng
RT: 7.17 min Scan# 864
Delta R.T. -0.01 min
Lab File: BF119187.D
Acq: 4 Mar 2020 10:53

Tgt Ion	107	Resp	438482
Ion Ratio	Lower	Upper	
107	100		
108	90.7	71.5	111.5
77	57.4	45.9	85.9
79	32.5	13.8	53.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.03 min Scan# 1010

Delta R.T. -0.01 min

Lab File: BF119187.D

Acq: 4 Mar 2020 10:53

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 581778

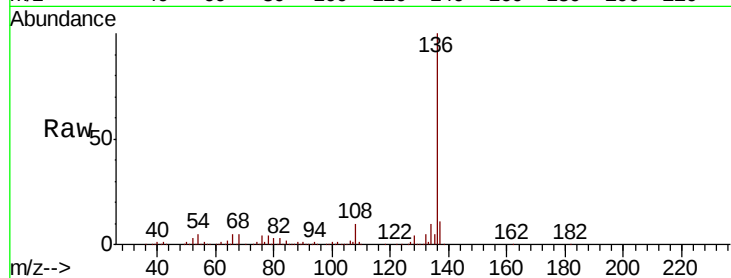
Ion Ratio Lower Upper

136 100

137 10.8 8.8 13.2

54 4.8 3.8 5.6

68 4.8 3.9 5.9

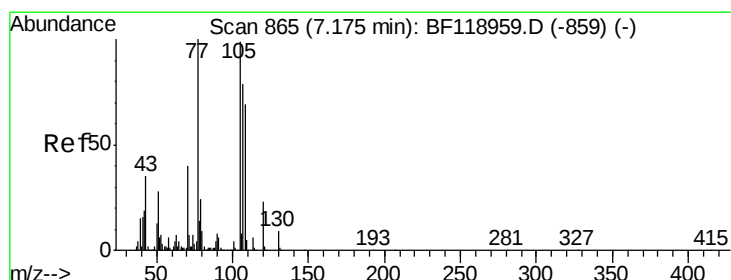
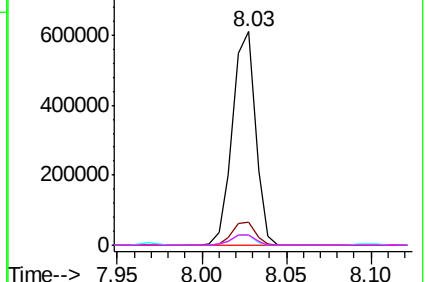
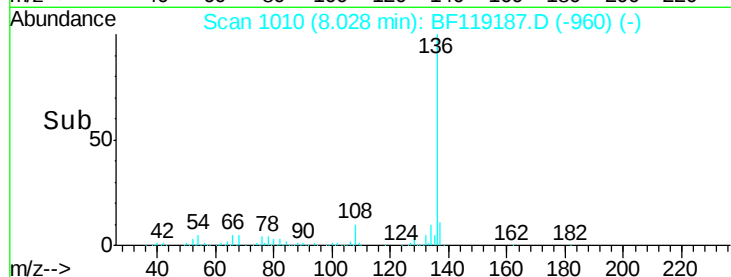


Abundance Ion 136.00 (135.70 to 136.70): E

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: 43.270 ng

RT: 7.16 min Scan# 862

Delta R.T. -0.01 min

Lab File: BF119187.D

Acq: 4 Mar 2020 10:53

Tgt Ion:105 Resp: 582455

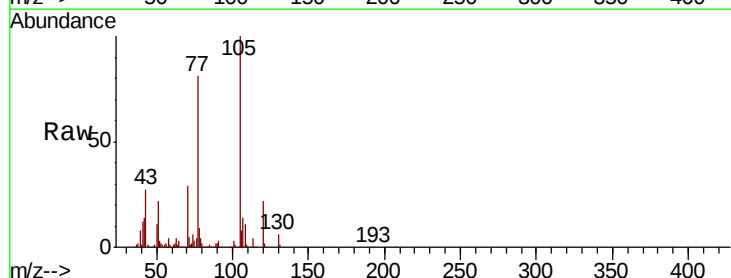
Ion Ratio Lower Upper

105 100

71 4.8 3.0 4.4#

51 21.8 20.1 30.1

120 22.4 18.0 27.0

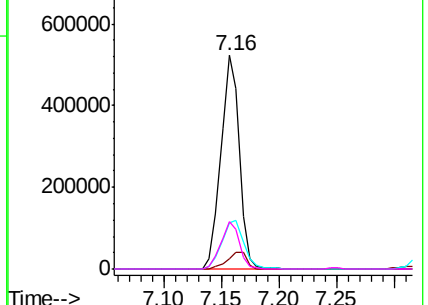
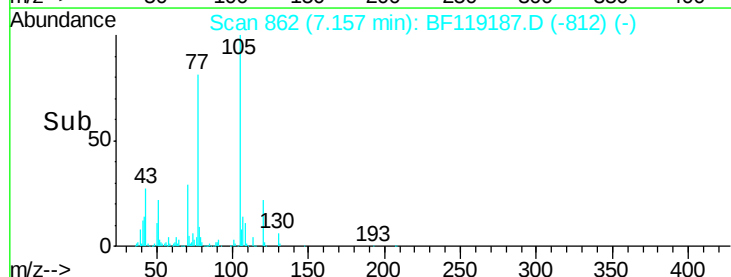


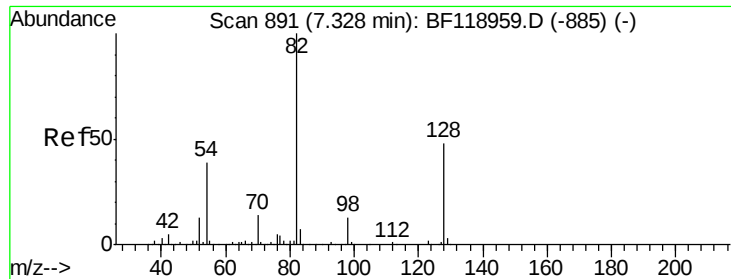
Abundance Ion 105.00 (104.70 to 105.70): E

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

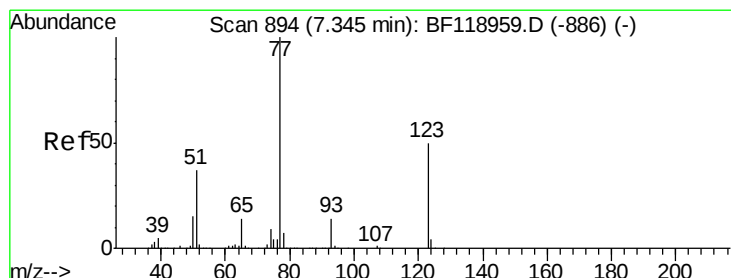
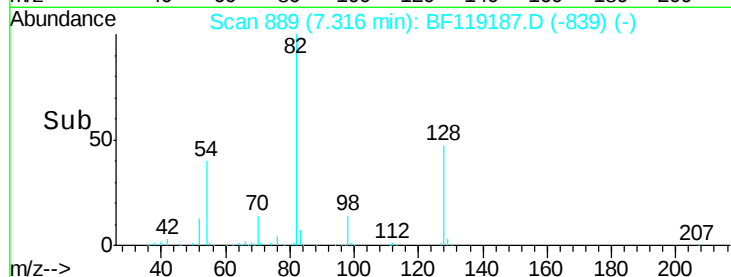
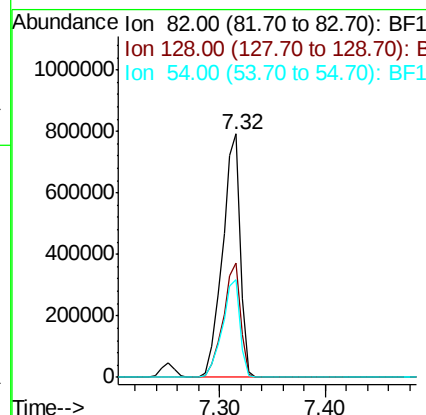
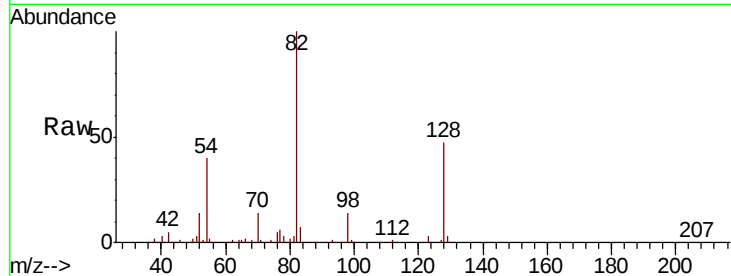




#23
 Nitrobenzene-d5
 Concen: 84.878 ng
 RT: 7.32 min Scan# 889
 Delta R.T. -0.01 min
 Lab File: BF119187.D
 Acq: 4 Mar 2020 10:53

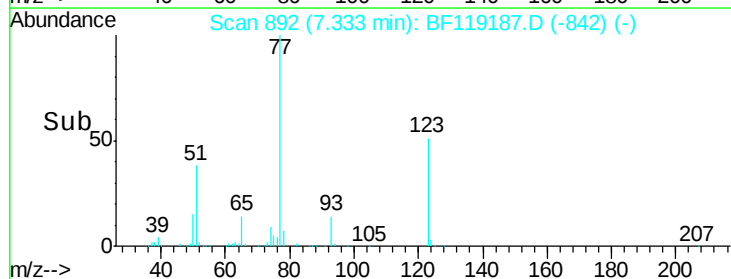
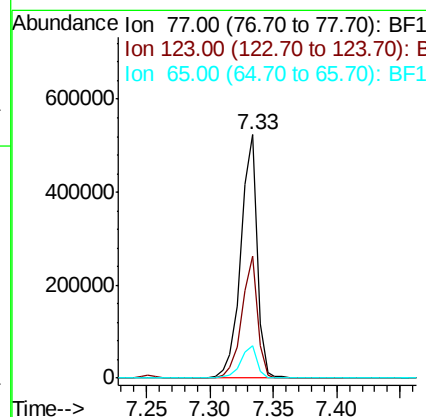
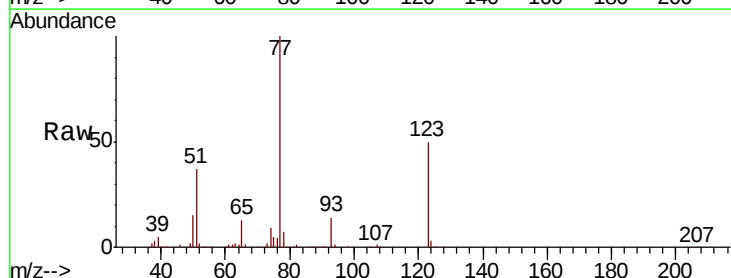
Instrument :
 BNA_F
 ClientSampleId :

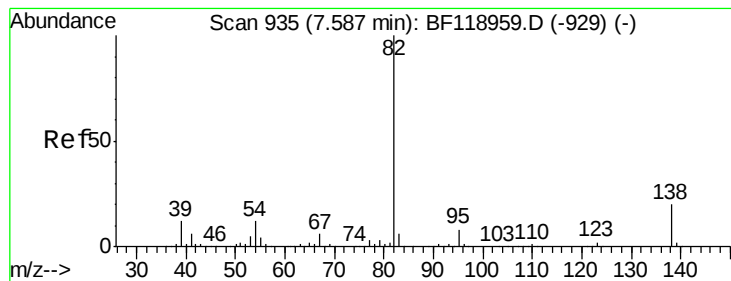
Tot Ion	82	Resp	935228
Ion Ratio	Lower	Upper	
82	100		
128	47.2	37.9	56.9
54	40.2	33.4	50.2



#24
 Nitrobenzene
 Concen: 42.058 ng
 RT: 7.33 min Scan# 892
 Delta R.T. -0.01 min
 Lab File: BF119187.D
 Acq: 4 Mar 2020 10:53

Tgt Ion	77	Resp	458270
Ion Ratio	Lower	Upper	
77	100		
123	50.0	40.2	60.2
65	13.4	10.8	16.2





#25

Isophorone

Concen: 42.196 ng

RT: 7.57 min Scan# 933

Delta R.T. -0.01 min

Lab File: BF119187.D

Acq: 4 Mar 2020 10:53

Instrument :

BNA_F

ClientSampleId :

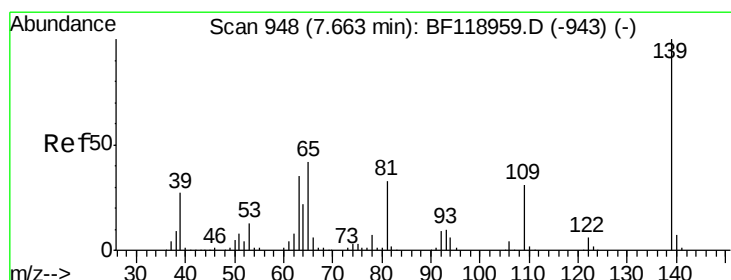
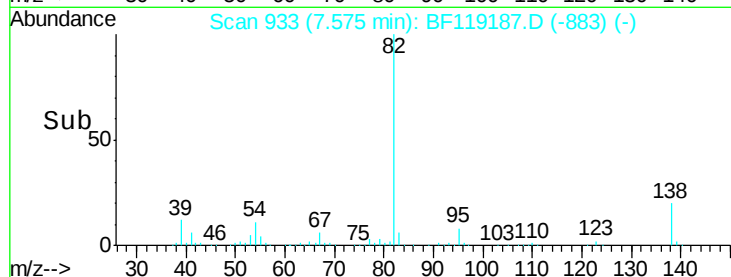
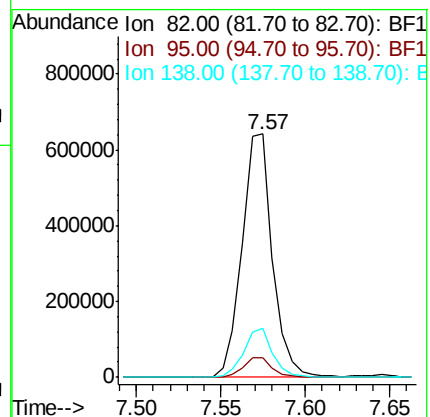
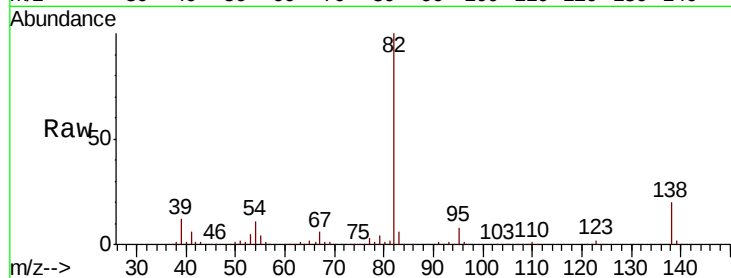
Tot Ion: 82 Resp: 807458

Ion Ratio Lower Upper

82 100

95 8.0 6.4 9.6

138 20.1 15.7 23.5



#26

2-Nitrophenol

Concen: 42.112 ng

RT: 7.65 min Scan# 945

Delta R.T. -0.01 min

Lab File: BF119187.D

Acq: 4 Mar 2020 10:53

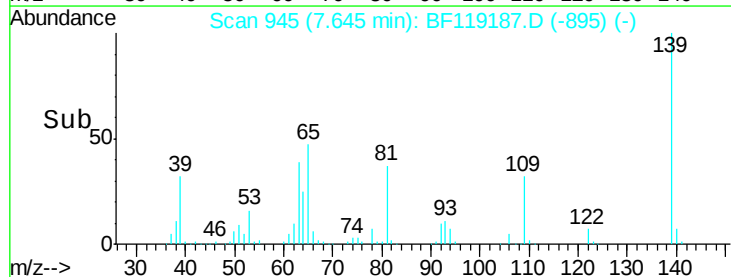
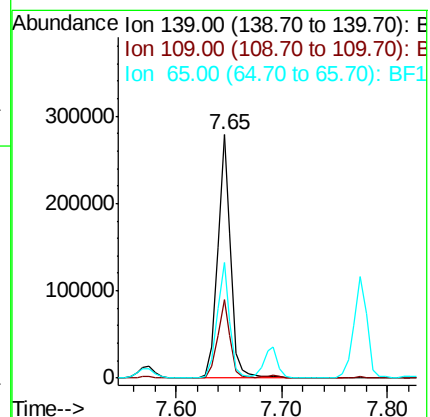
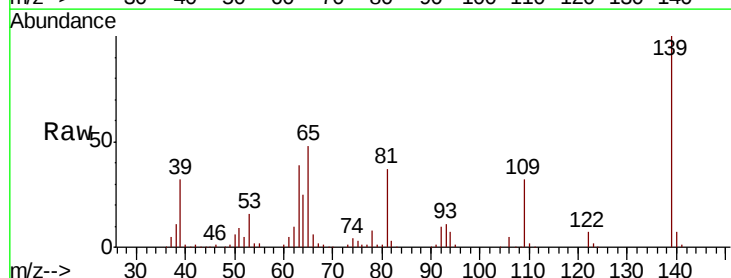
Tgt Ion: 139 Resp: 243127

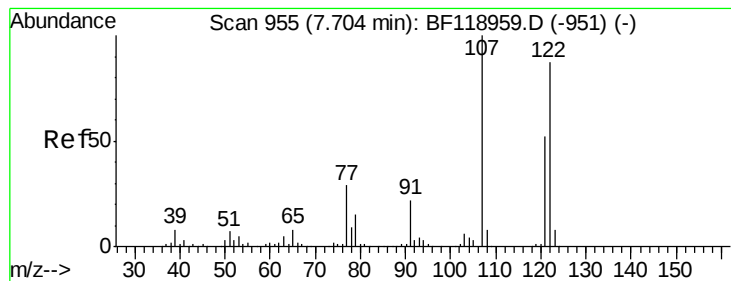
Ion Ratio Lower Upper

139 100

109 32.3 25.7 38.5

65 47.5 37.1 55.7

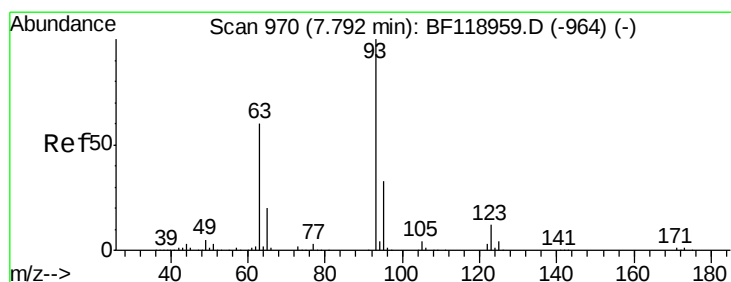
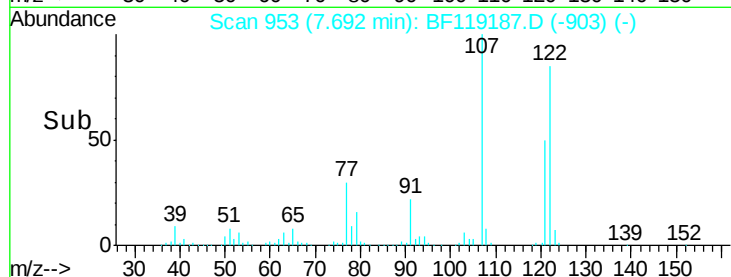
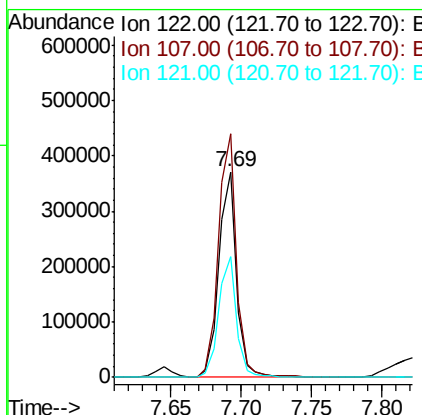
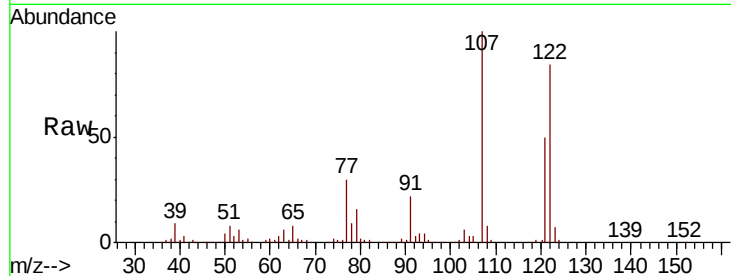




#27
 2,4-Dimethylphenol
 Concen: 41.077 ng
 RT: 7.69 min Scan# 953
 Delta R.T. -0.01 min
 Lab File: BF119187.D
 Acq: 4 Mar 2020 10:53

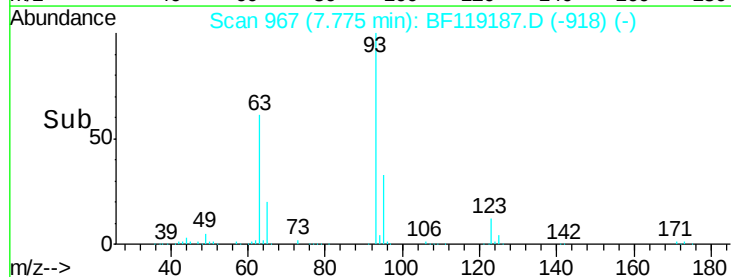
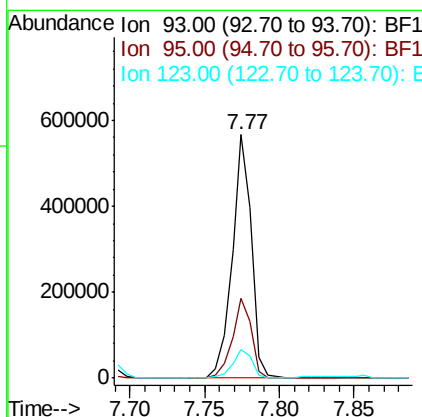
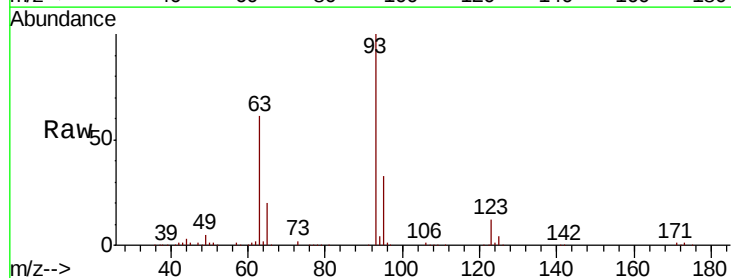
Instrument :
 BNA_F
 ClientSampled :

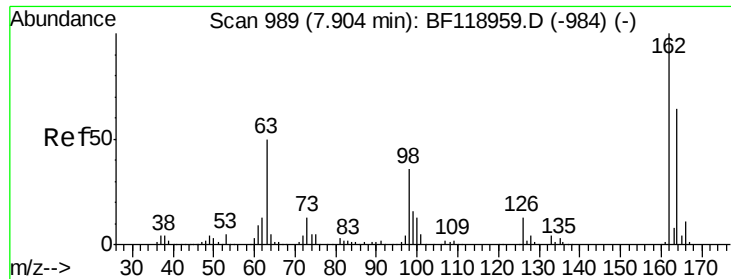
Tot Ion:122 Resp: 321858
 Ion Ratio Lower Upper
 122 100
 107 118.4 93.8 140.6
 121 59.0 48.2 72.2



#28
 bis(2-Chloroethoxy)methane
 Concen: 41.197 ng
 RT: 7.77 min Scan# 967
 Delta R.T. -0.01 min
 Lab File: BF119187.D
 Acq: 4 Mar 2020 10:53

Tgt Ion: 93 Resp: 513129
 Ion Ratio Lower Upper
 93 100
 95 32.9 26.5 39.7
 123 11.6 10.2 15.2

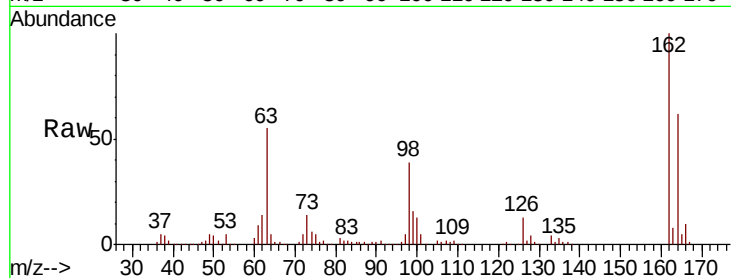




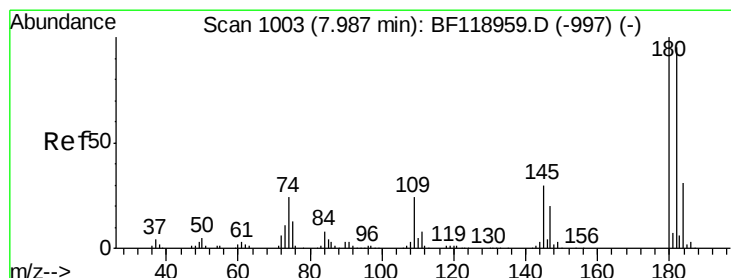
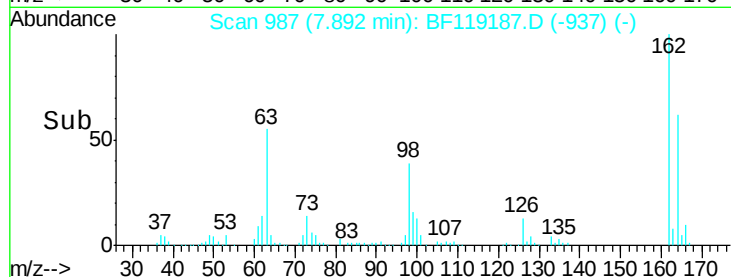
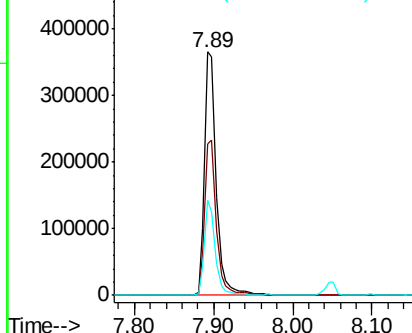
#29
2,4-Dichlorophenol
Concen: 41.933 ng
RT: 7.89 min Scan# 987
Delta R.T. -0.01 min
Lab File: BF119187.D
Acq: 4 Mar 2020 10:53

Instrument :
BNA_F
ClientSampled :

Tot Ion:162 Resp: 386800
Ion Ratio Lower Upper
162 100
164 62.3 45.2 85.2
98 39.0 17.4 57.4

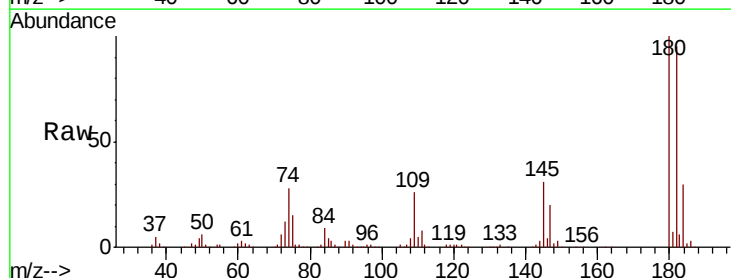


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

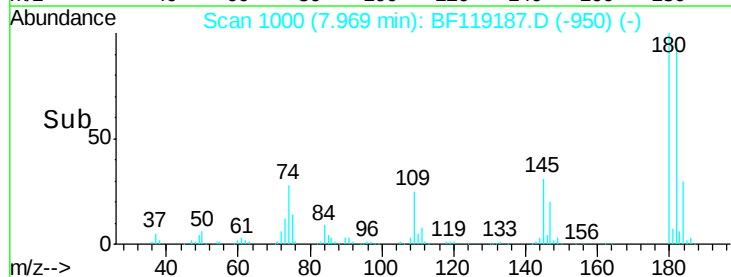
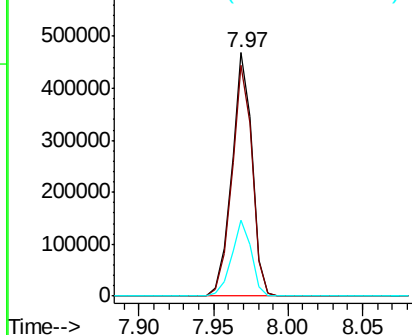


#30
1,2,4-Trichlorobenzene
Concen: 41.017 ng
RT: 7.97 min Scan# 1000
Delta R.T. -0.01 min
Lab File: BF119187.D
Acq: 4 Mar 2020 10:53

Tgt Ion:180 Resp: 448586
Ion Ratio Lower Upper
180 100
182 94.8 77.8 116.6
145 31.4 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: 41.386 ng

RT: 8.05 min Scan# 1014

Delta R.T. -0.00 min

Lab File: BF119187.D

Acq: 4 Mar 2020 10:53

Instrument :

BNA_F

ClientSampleId :

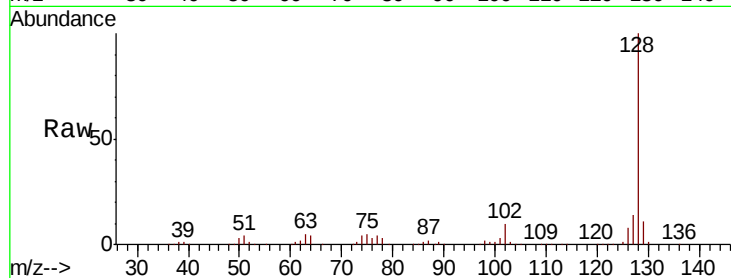
Tot Ion:128 Resp: 1248691

Ion Ratio Lower Upper

128 100

129 10.9 9.4 14.2

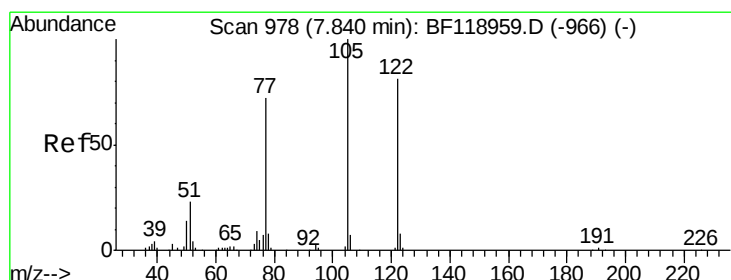
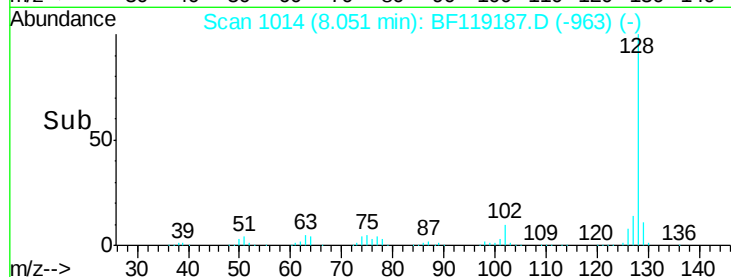
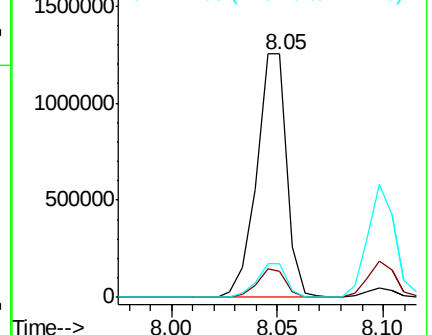
127 13.9 11.4 17.2



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: 34.300 ng

RT: 7.86 min Scan# 981

Delta R.T. -0.01 min

Lab File: BF119187.D

Acq: 4 Mar 2020 10:53

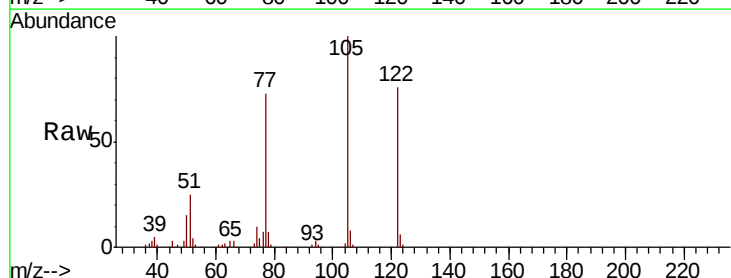
Tgt Ion:122 Resp: 183438

Ion Ratio Lower Upper

122 100

105 131.5 106.3 146.3

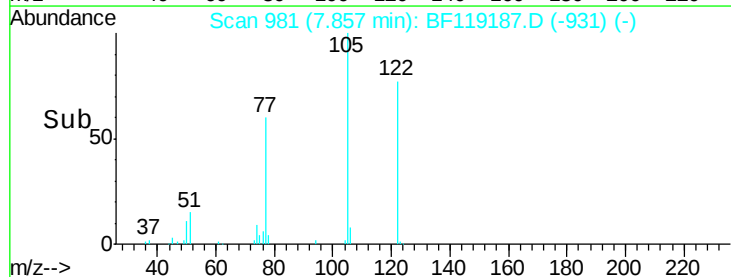
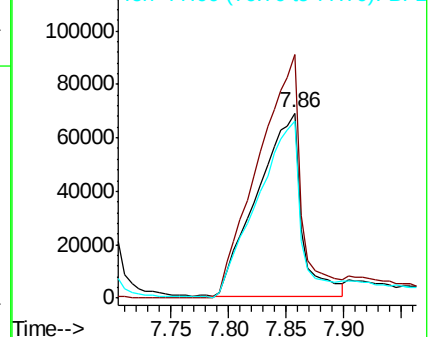
77 95.5 73.1 113.1



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

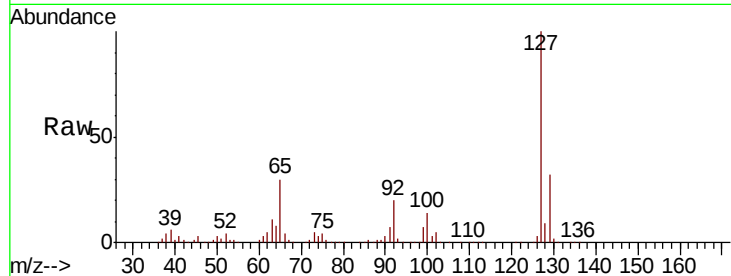




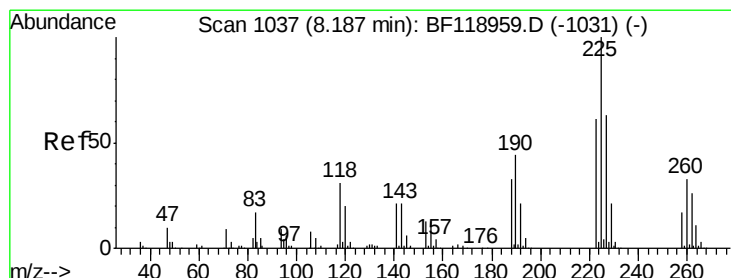
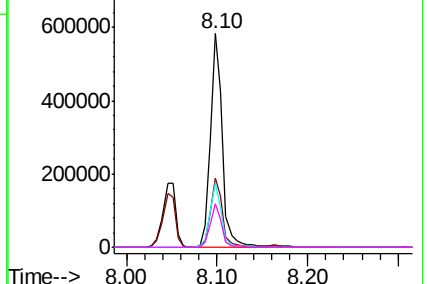
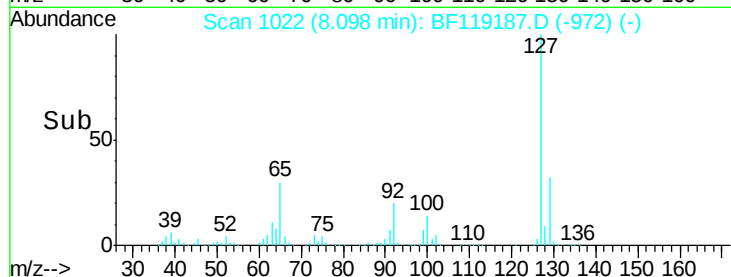
#33
4-Chloroaniline
Concen: 41.956 ng
RT: 8.10 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BF119187.D
Acq: 4 Mar 2020 10:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	544465
Ion	Ratio	Lower	Upper
127	100		
129	32.3	25.9	38.9
65	30.1	23.9	35.9
92	20.3	16.3	24.5

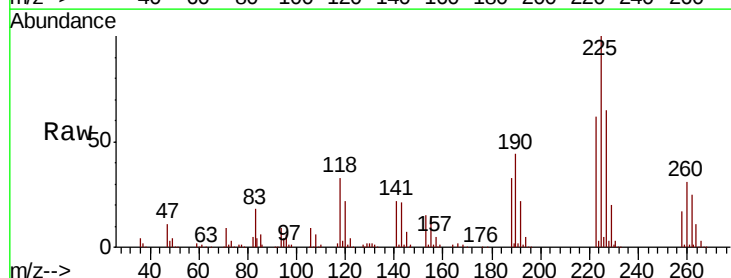


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

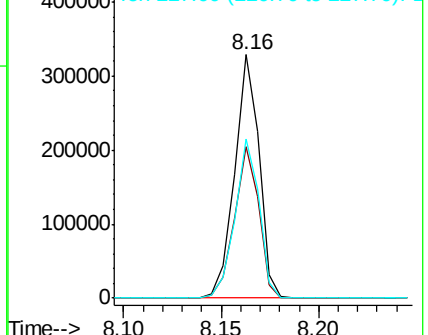
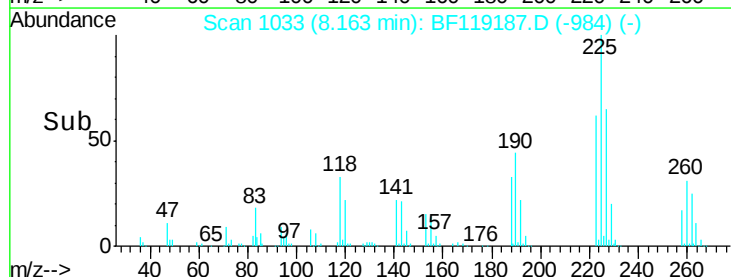


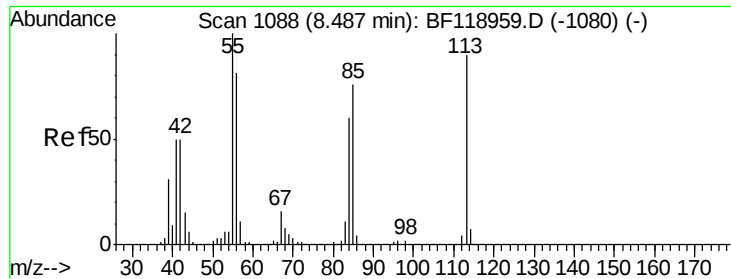
#34
Hexachlorobutadiene
Concen: 41.744 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF119187.D
Acq: 4 Mar 2020 10:53

Tgt Ion:	225	Resp:	284373
Ion	Ratio	Lower	Upper
225	100		
223	62.1	49.4	74.2
227	65.2	52.9	79.3



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

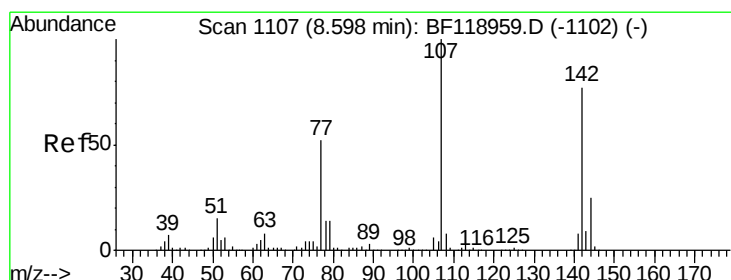
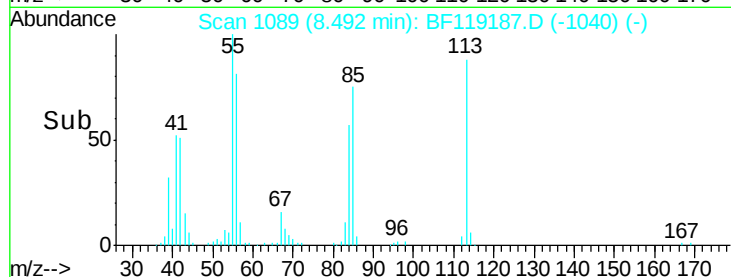
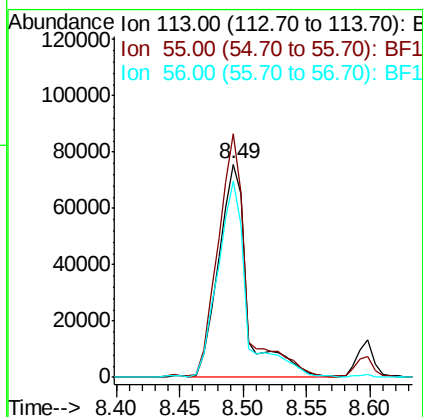
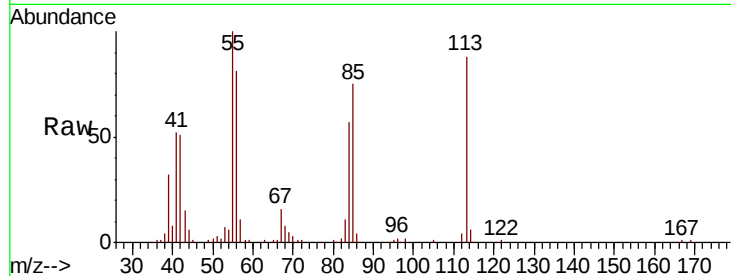




#35
 Caprolactam
 Concen: 42.218 ng
 RT: 8.49 min Scan# 1089
 Delta R.T. -0.01 min
 Lab File: BF119187.D
 Acq: 4 Mar 2020 10:53

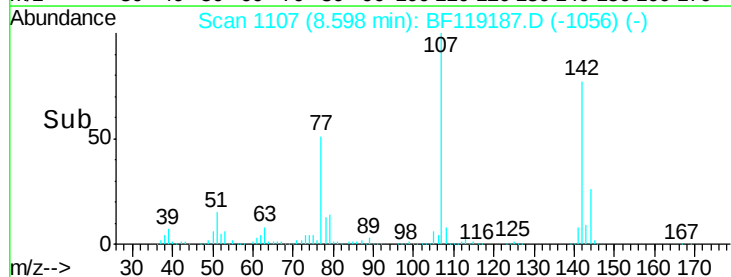
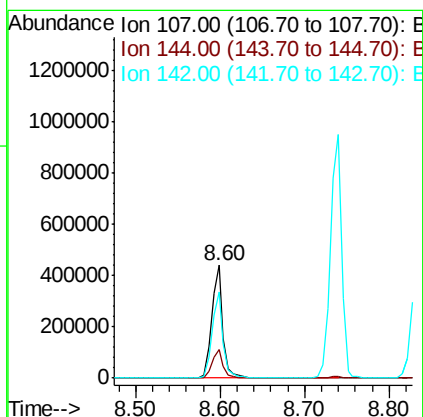
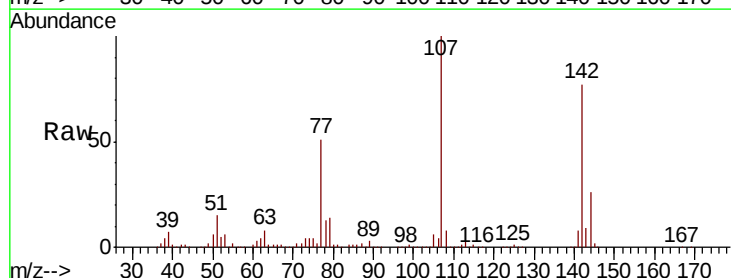
Instrument :
 BNA_F
 ClientSampled :

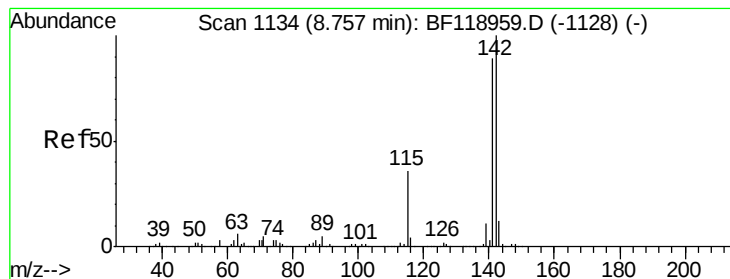
Tot Ion:113 Resp: 119909
 Ion Ratio Lower Upper
 113 100
 55 114.0 95.7 135.7
 56 92.0 73.1 113.1



#36
 4-Chloro-3-methylphenol
 Concen: 43.303 ng
 RT: 8.60 min Scan# 1107
 Delta R.T. -0.00 min
 Lab File: BF119187.D
 Acq: 4 Mar 2020 10:53

Tgt Ion:107 Resp: 404251
 Ion Ratio Lower Upper
 107 100
 144 25.7 20.1 30.1
 142 76.9 61.4 92.2





#37

2-Methylnaphthalene

Concen: 41.769 ng

RT: 8.74 min Scan# 1131

Delta R.T. -0.01 min

Lab File: BF119187.D

Acq: 4 Mar 2020 10:53

Instrument :

BNA_F

ClientSampleId :

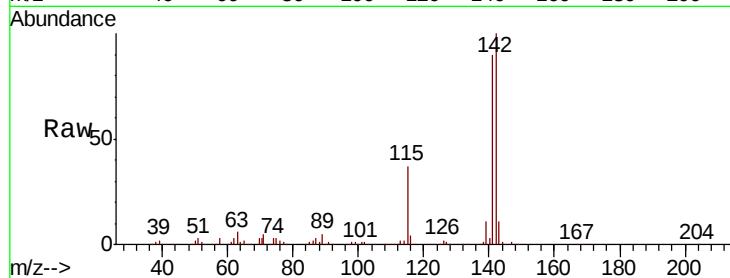
Tot Ion:142 Resp: 848105

Ion Ratio Lower Upper

142 100

141 89.6 72.3 108.5

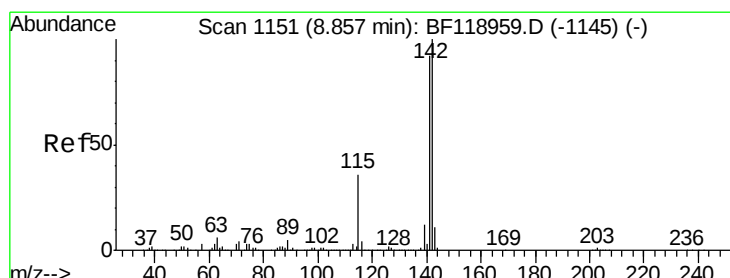
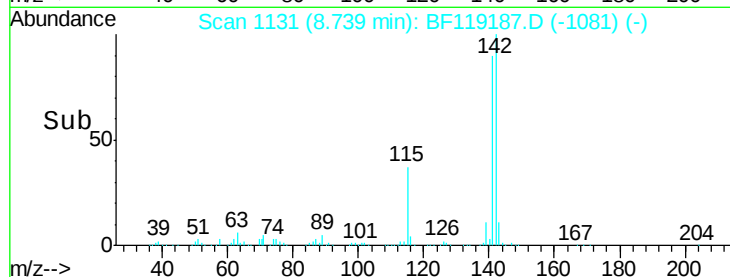
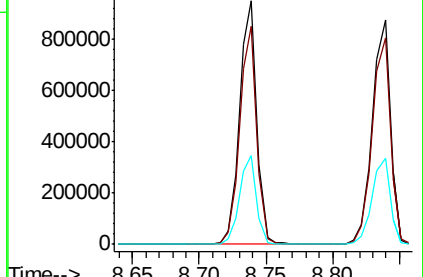
115 36.7 30.6 45.8



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: 42.087 ng

RT: 8.84 min Scan# 1148

Delta R.T. -0.01 min

Lab File: BF119187.D

Acq: 4 Mar 2020 10:53

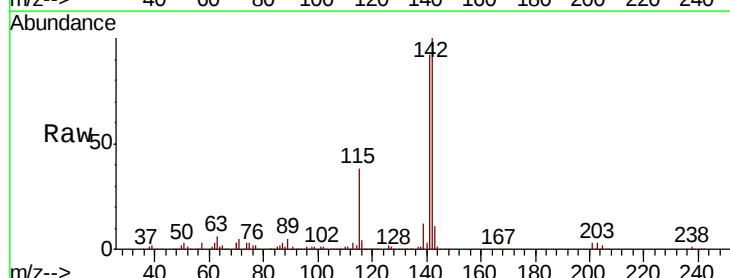
Tgt Ion:142 Resp: 803682

Ion Ratio Lower Upper

142 100

141 92.0 75.8 113.6

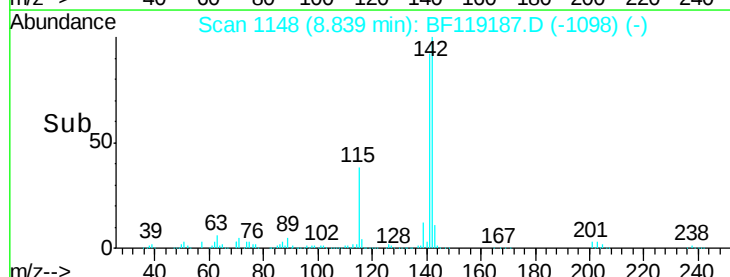
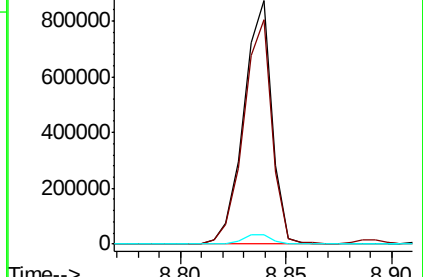
116 3.7 3.1 4.7

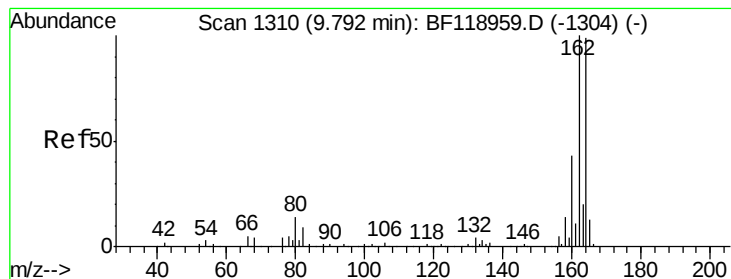


Abundance Ion 142.00 (141.70 to 142.70): E

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: 9.78 min Scan# 1308

Delta R.T. -0.01 min

Lab File: BF119187.D

Acq: 4 Mar 2020 10:53

Instrument :

BNA_F

ClientSampleId :

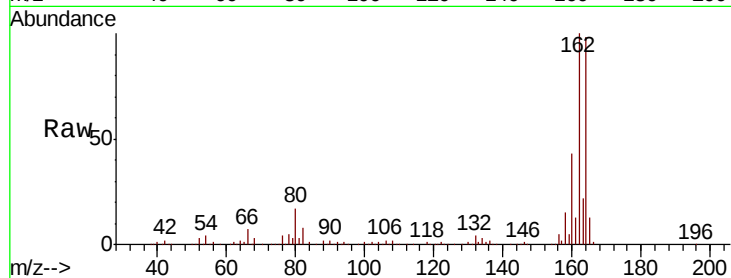
Tot Ion:164 Resp: 327393

Ion Ratio Lower Upper

164 100

162 102.5 81.8 122.8

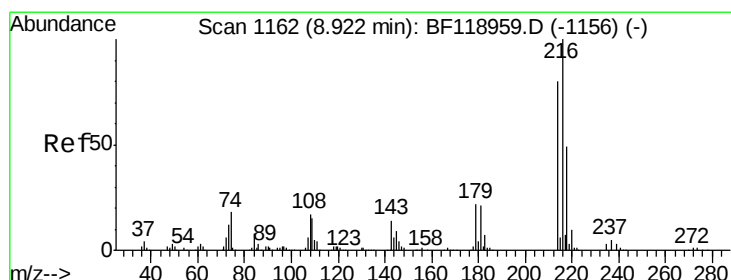
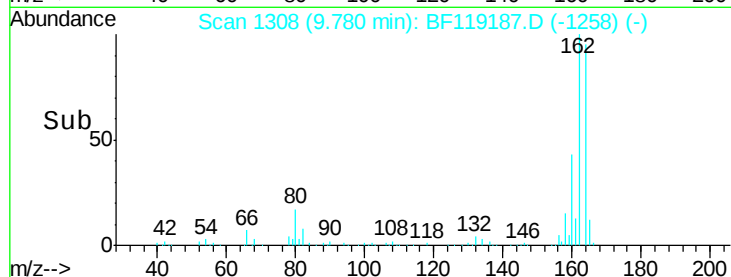
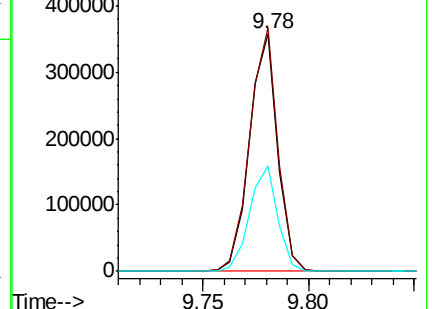
160 44.1 36.0 54.0



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: 40.589 ng

RT: 8.91 min Scan# 1160

Delta R.T. -0.01 min

Lab File: BF119187.D

Acq: 4 Mar 2020 10:53

Tgt Ion:216 Resp: 448032

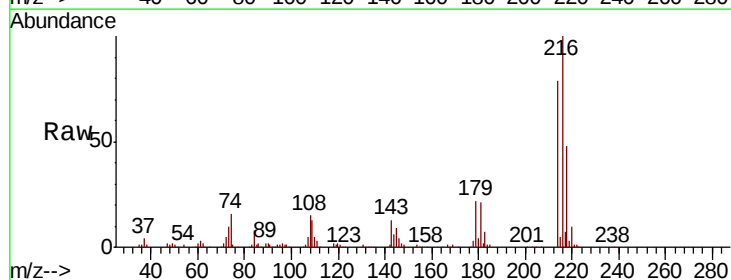
Ion Ratio Lower Upper

216 100

214 79.1 63.3 94.9

179 21.9 17.7 26.5

108 17.1 13.9 20.9

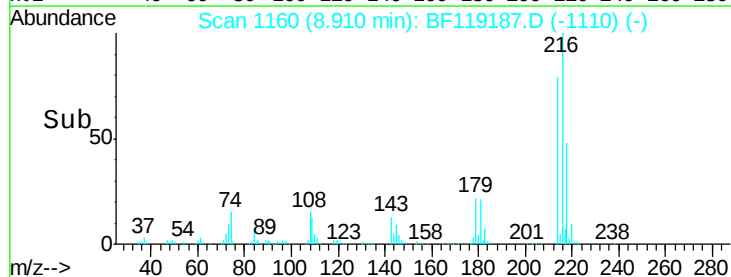
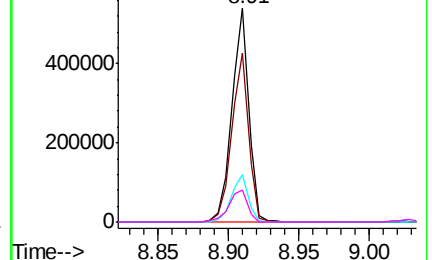


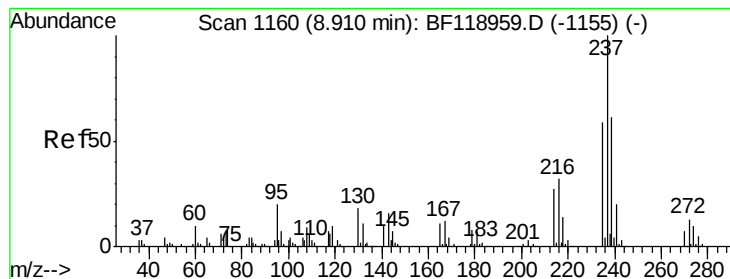
Abundance Ion 216.00 (215.70 to 216.70): E

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: 32.407 ng

RT: 8.89 min Scan# 1157

Delta R.T. -0.01 min

Lab File: BF119187.D

Acq: 4 Mar 2020 10:53

Instrument :

BNA_F

ClientSampleId :

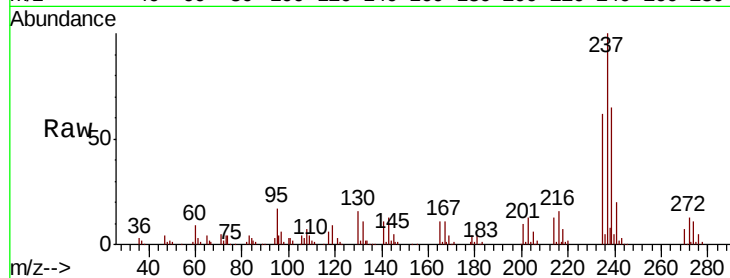
Tot Ion:237 Resp: 104767

Ion Ratio Lower Upper

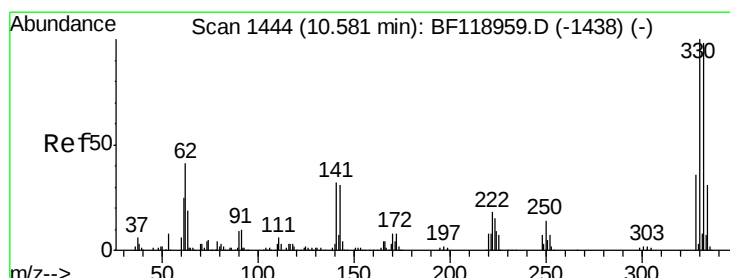
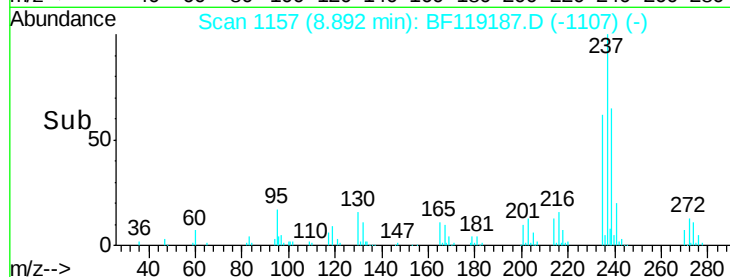
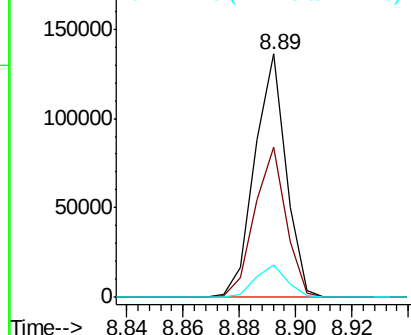
237 100

235 61.8 42.3 82.3

272 13.5 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: 83.961 ng

RT: 10.57 min Scan# 1443

Delta R.T. -0.00 min

Lab File: BF119187.D

Acq: 4 Mar 2020 10:53

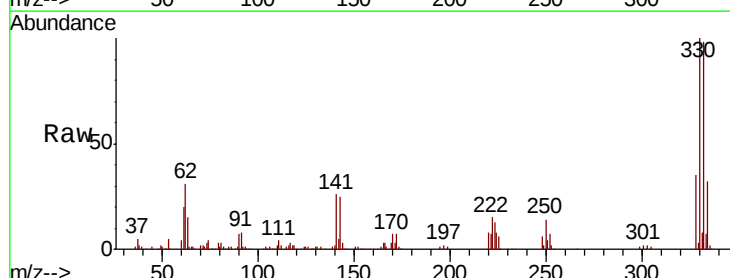
Tgt Ion:330 Resp: 359594

Ion Ratio Lower Upper

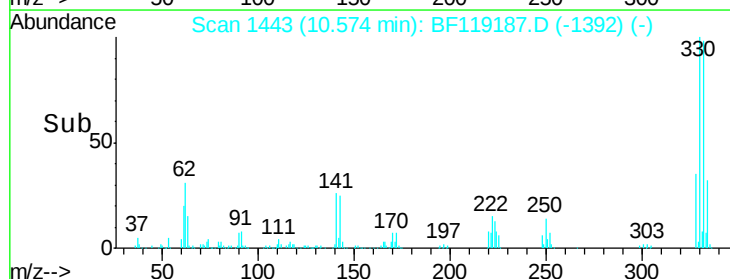
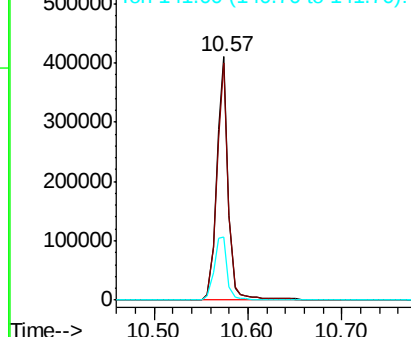
330 100

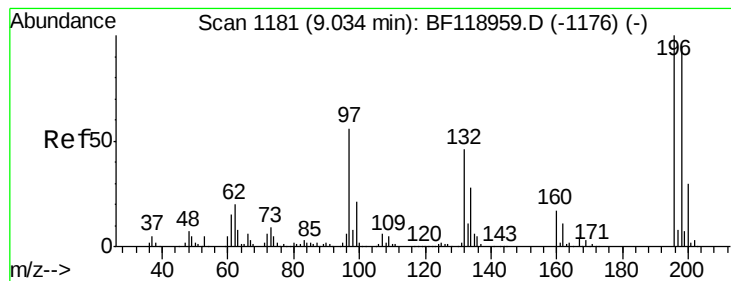
332 96.8 76.0 114.0

141 29.8 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: 40.652 ng

RT: 9.03 min Scan# 1180

Delta R.T. -0.00 min

Lab File: BF119187.D

Acq: 4 Mar 2020 10:53

Instrument :

BNA_F

ClientSampled :

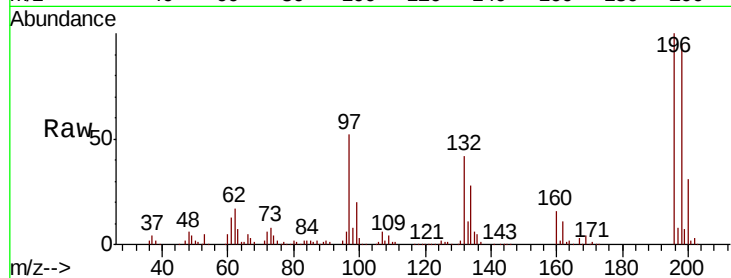
Tot Ion:196 Resp: 283369

Ion Ratio Lower Upper

196 100

198 95.2 77.1 115.7

200 30.7 25.0 37.6

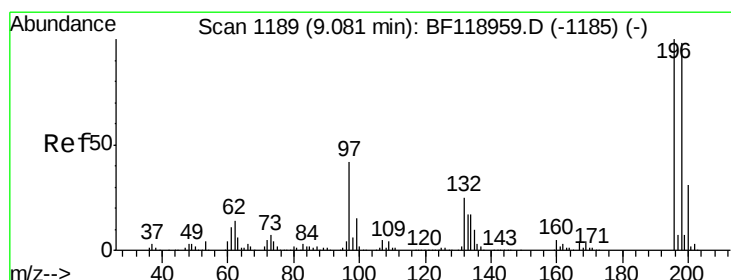
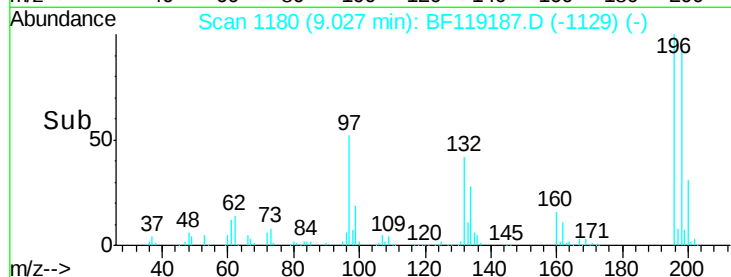
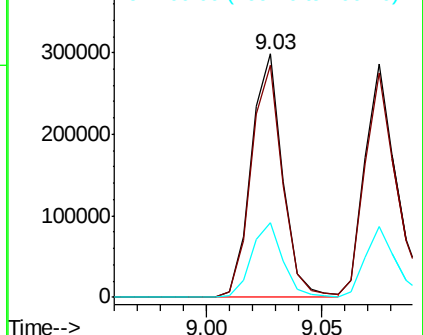


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44

2,4,5-Trichlorophenol

Concen: 38.720 ng

RT: 9.07 min Scan# 1188

Delta R.T. -0.00 min

Lab File: BF119187.D

Acq: 4 Mar 2020 10:53

Tgt Ion:196 Resp: 283228

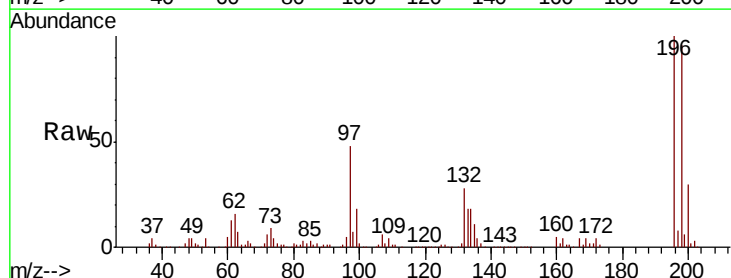
Ion Ratio Lower Upper

196 100

198 96.1 76.8 115.2

97 47.7 38.5 57.7

132 27.7 22.2 33.4



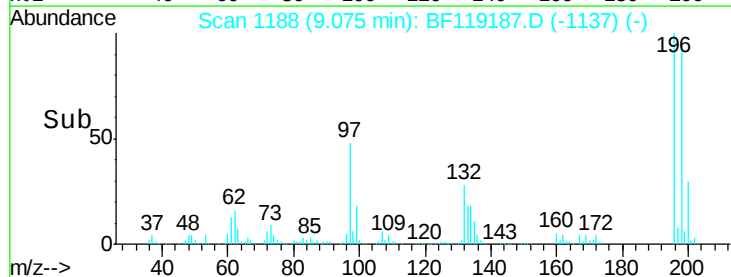
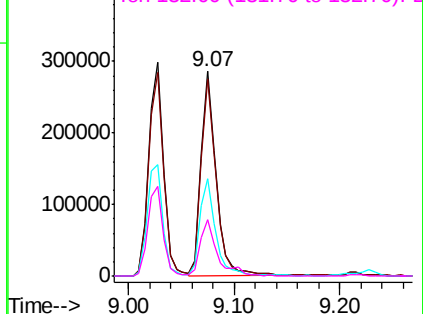
Abundance

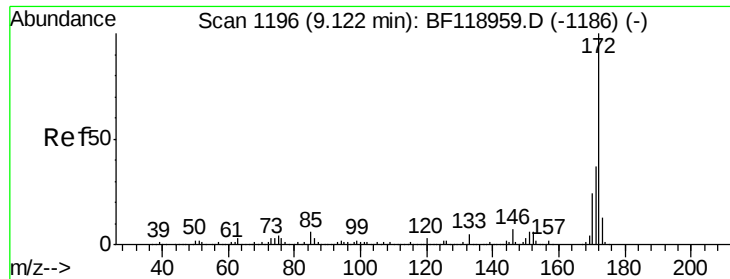
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E

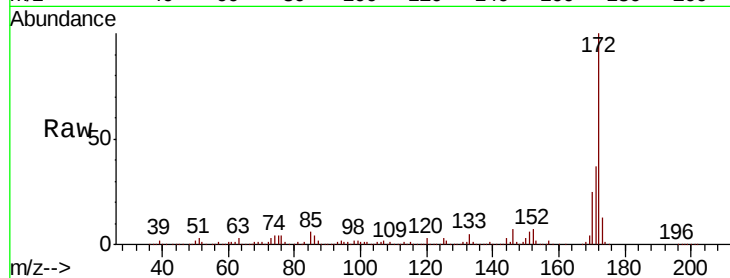




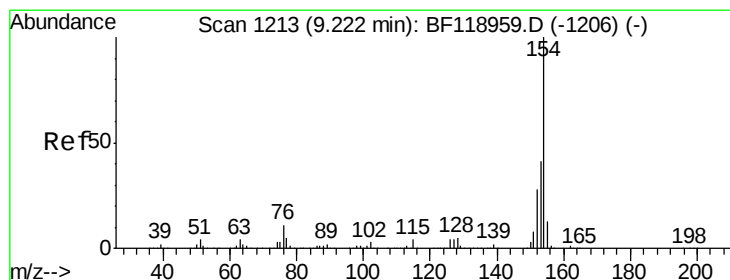
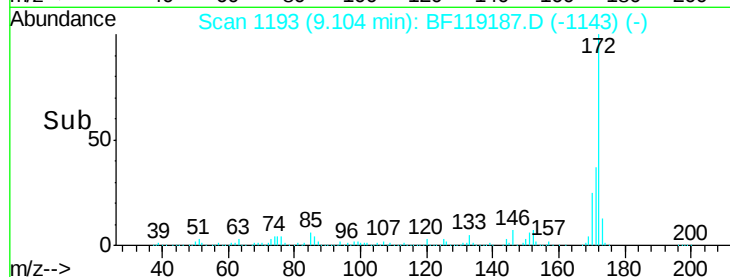
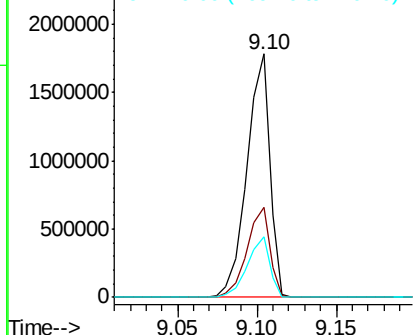
#45
 2-Fluorobiphenyl
 Concen: 80.119 ng
 RT: 9.10 min Scan# 1193
 Delta R.T. -0.01 min
 Lab File: BF119187.D
 Acq: 4 Mar 2020 10:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1780533
 Ion Ratio Lower Upper
 172 100
 171 36.8 30.6 45.8
 170 24.7 20.2 30.2

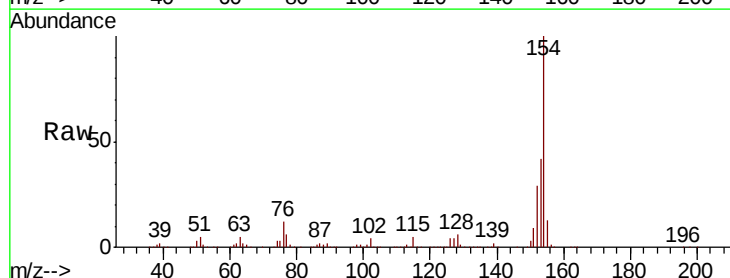


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

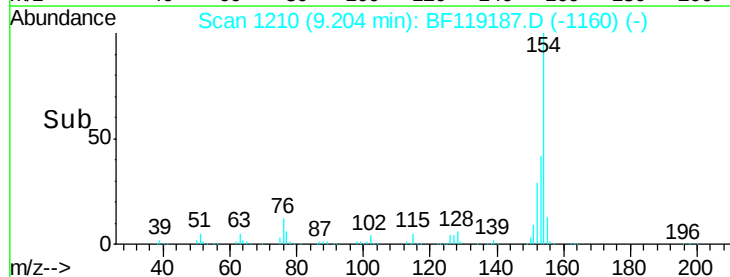
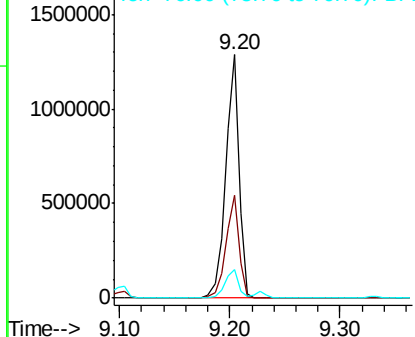


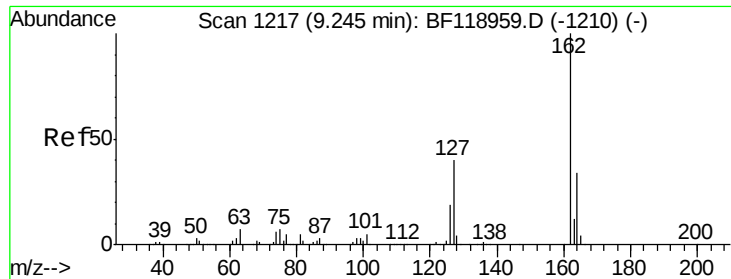
#46
 1,1'-Biphenyl
 Concen: 40.996 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. -0.01 min
 Lab File: BF119187.D
 Acq: 4 Mar 2020 10:53

Tgt Ion:154 Resp: 1084760
 Ion Ratio Lower Upper
 154 100
 153 42.0 22.8 62.8
 76 11.8 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

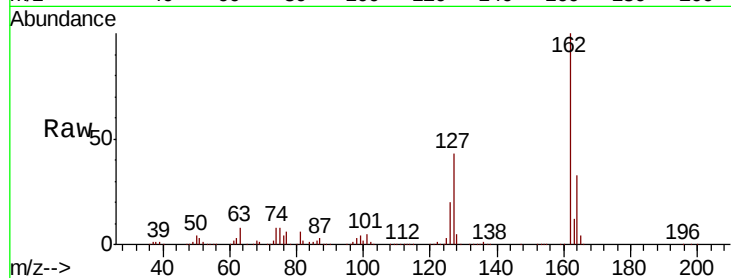




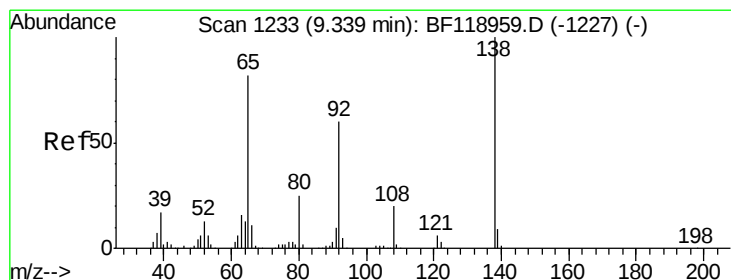
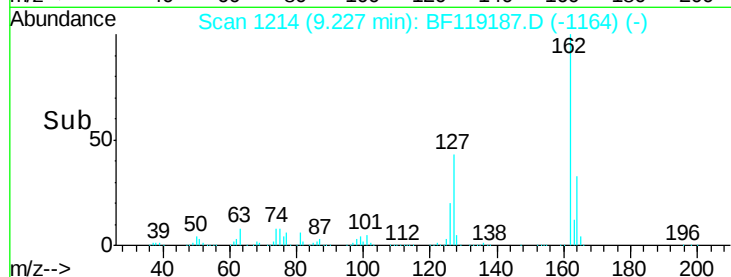
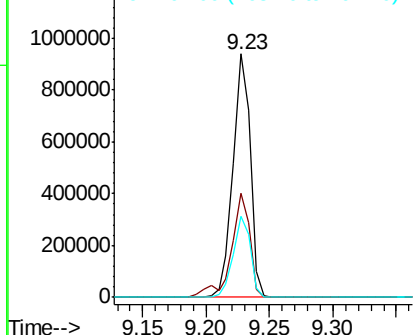
#47
 2-Chloronaphthalene
 Concen: 41.211 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. -0.01 min
 Lab File: BF119187.D
 Acq: 4 Mar 2020 10:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 878744
 Ion Ratio Lower Upper
 162 100
 127 42.8 35.0 52.4
 164 33.2 27.2 40.8

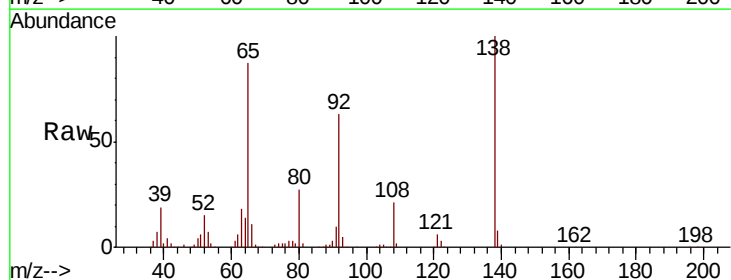


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

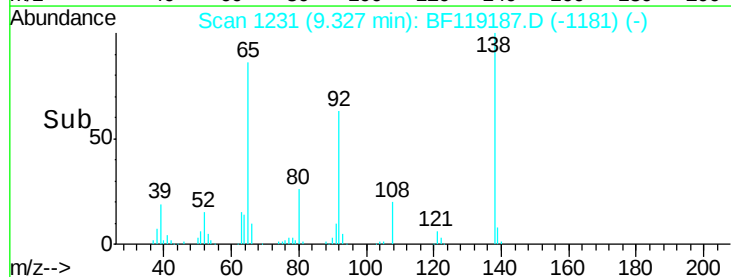
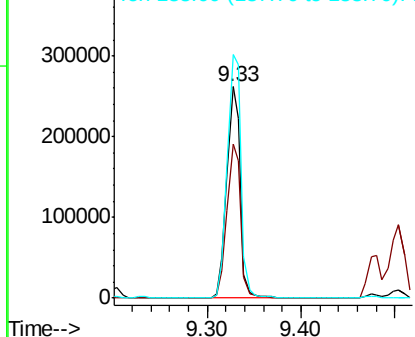


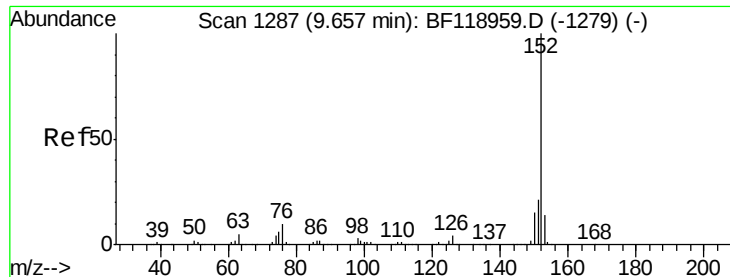
#48
 2-Nitroaniline
 Concen: 44.258 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. -0.01 min
 Lab File: BF119187.D
 Acq: 4 Mar 2020 10:53

Tgt Ion: 65 Resp: 263217
 Ion Ratio Lower Upper
 65 100
 92 72.8 58.2 87.2
 138 115.3 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: 40.898 ng

RT: 9.65 min Scan# 1285

Delta R.T. -0.00 min

Lab File: BF119187.D

Acq: 4 Mar 2020 10:53

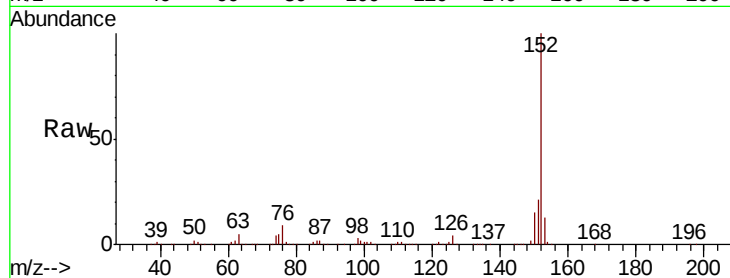
Instrument :

BNA_F

ClientSampleId :

Tot Ion:152 Resp: 1259526

Ion	Ratio	Lower	Upper
152	100		
151	20.9	16.9	25.3
153	12.9	11.0	16.6

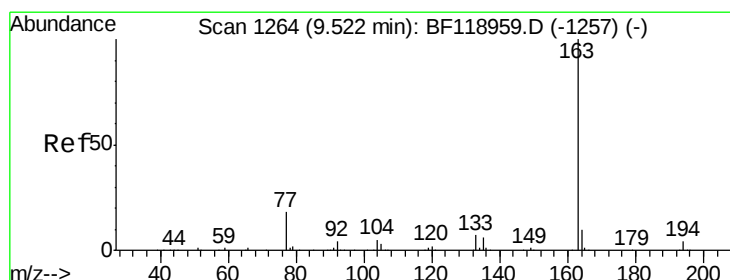
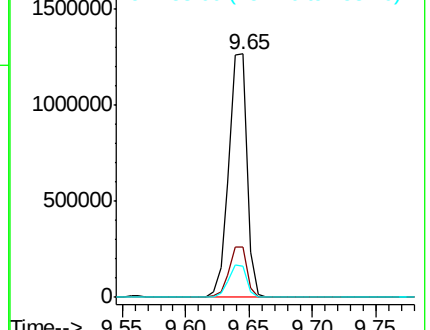
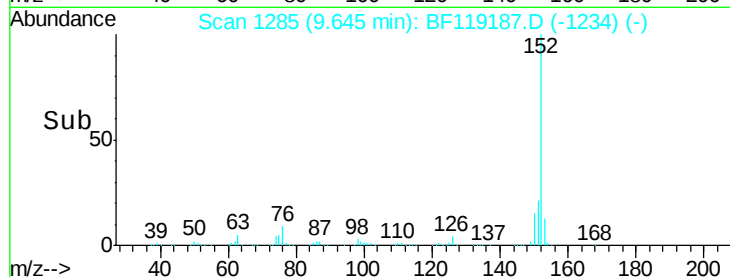


Abundance

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: 41.780 ng

RT: 9.50 min Scan# 1261

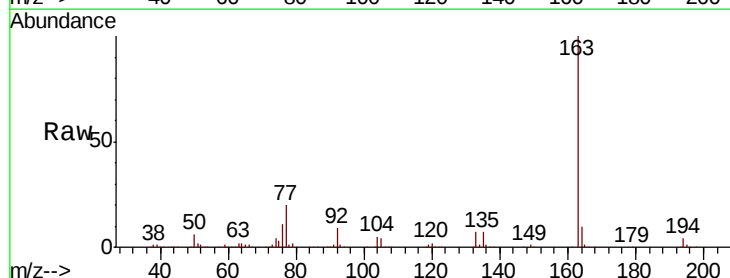
Delta R.T. -0.01 min

Lab File: BF119187.D

Acq: 4 Mar 2020 10:53

Tgt Ion:163 Resp: 1045973

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.5	5.3
164	10.3	8.4	12.6

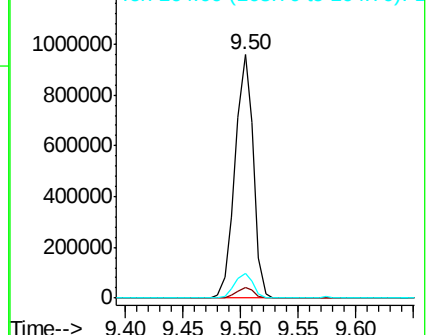
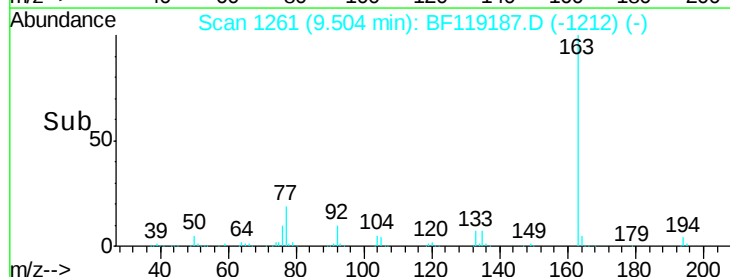


Abundance

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

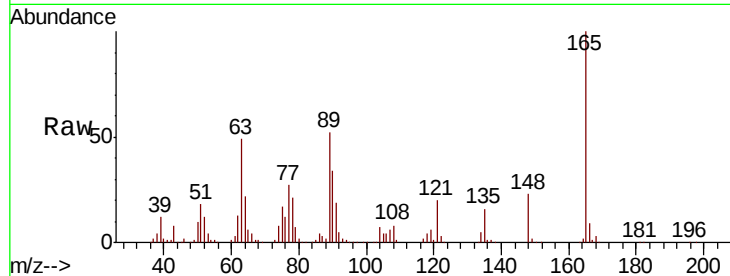




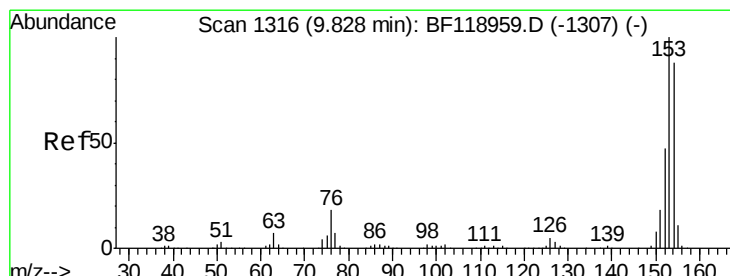
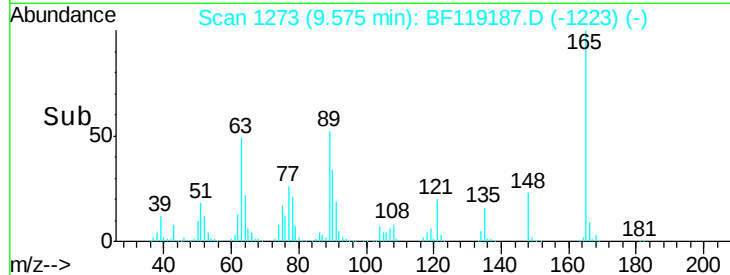
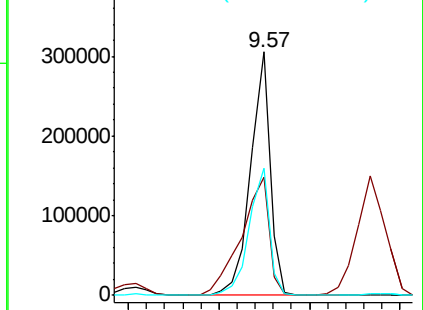
#51
 2,6-Dinitrotoluene
 Concen: 41.260 ng
 RT: 9.57 min Scan# 1273
 Delta R.T. -0.01 min
 Lab File: BF119187.D
 Acq: 4 Mar 2020 10:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	48.6	34.3	51.5
89	52.2	38.3	57.5

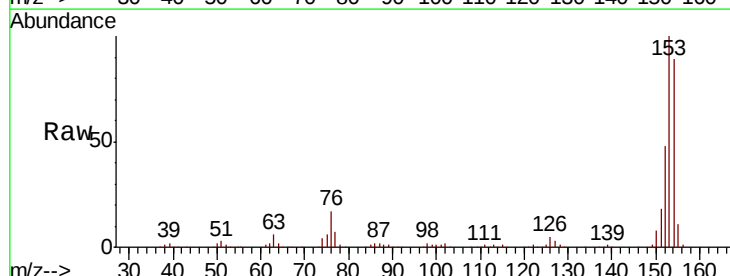


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

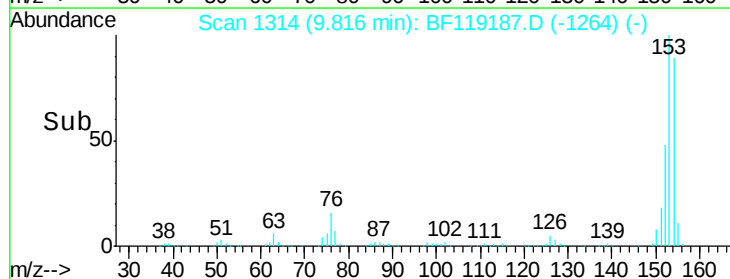
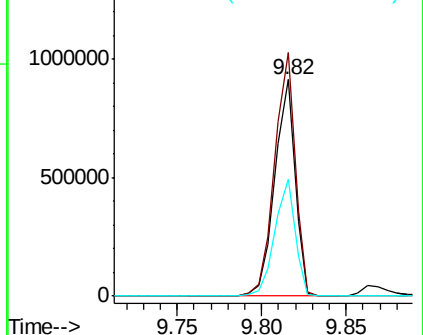


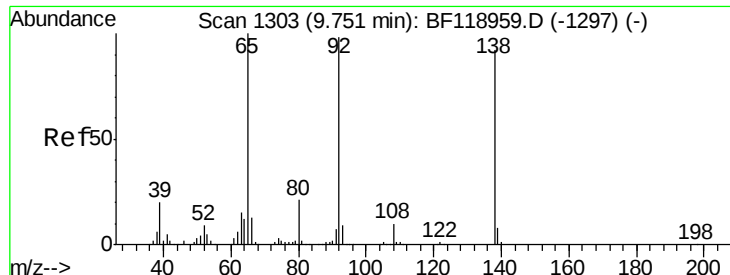
#52
 Acenaphthene
 Concen: 41.230 ng
 RT: 9.82 min Scan# 1314
 Delta R.T. -0.01 min
 Lab File: BF119187.D
 Acq: 4 Mar 2020 10:53

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.5	90.3	135.5
152	54.0	43.8	65.8



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

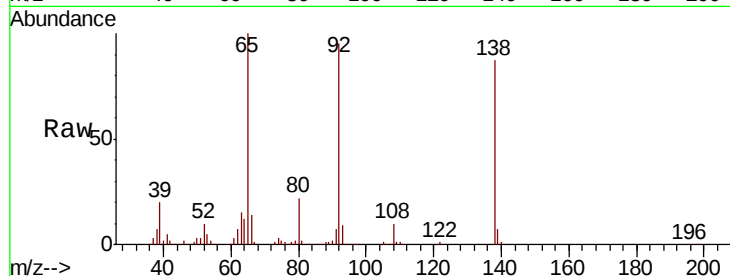




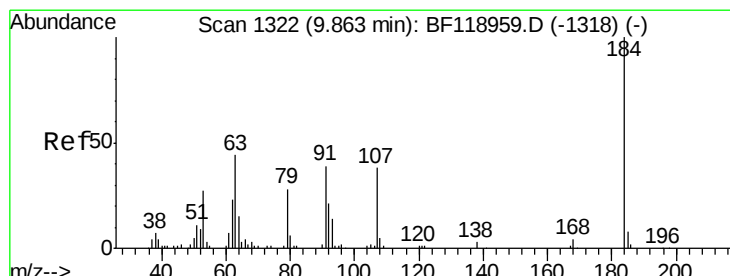
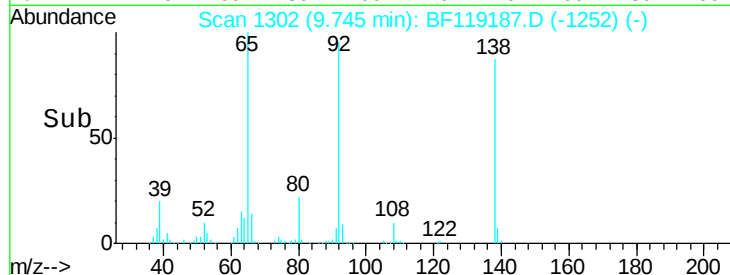
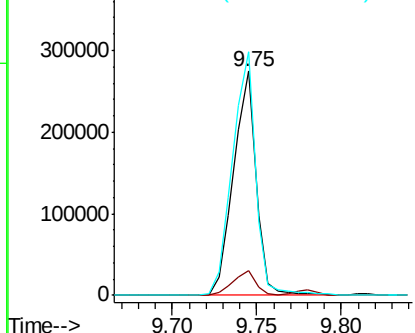
#53
3-Nitroaniline
Concen: 41.644 ng
RT: 9.75 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BF119187.D
Acq: 4 Mar 2020 10:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 256787
Ion Ratio Lower Upper
138 100
108 11.0 8.8 13.2
92 108.5 84.8 127.2

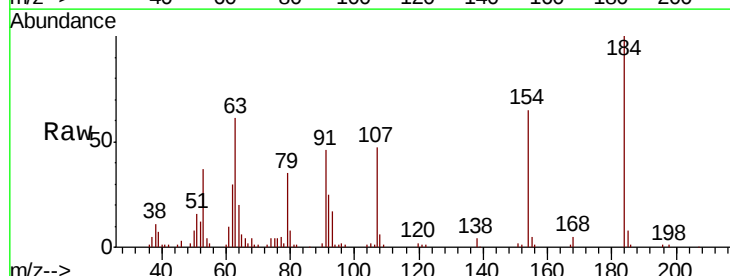


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

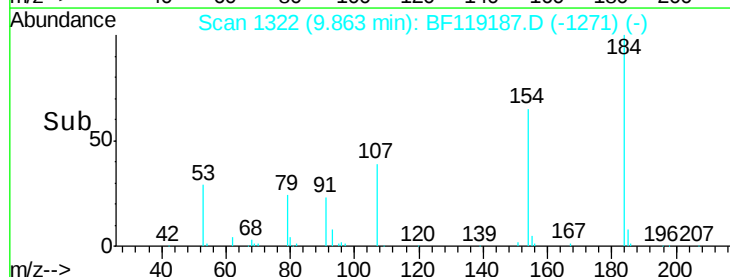
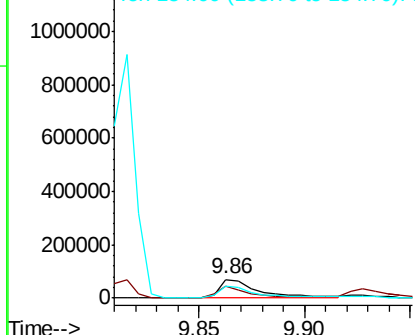


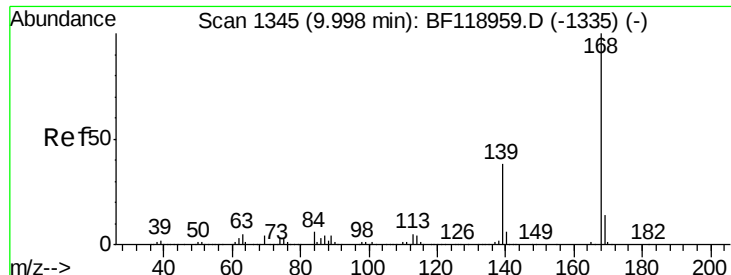
#54
2,4-Dinitrophenol
Concen: 38.679 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.00 min
Lab File: BF119187.D
Acq: 4 Mar 2020 10:53

Tgt Ion:184 Resp: 93047
Ion Ratio Lower Upper
184 100
63 61.1 38.7 58.1#
154 65.4 49.7 74.5



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

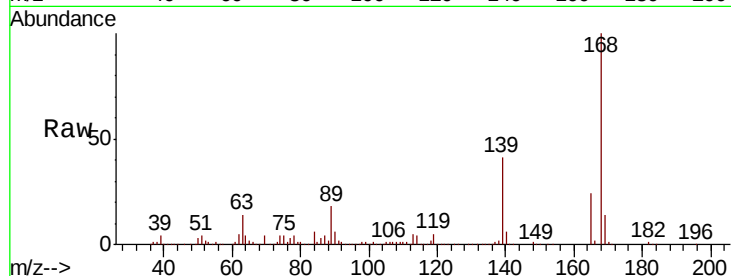




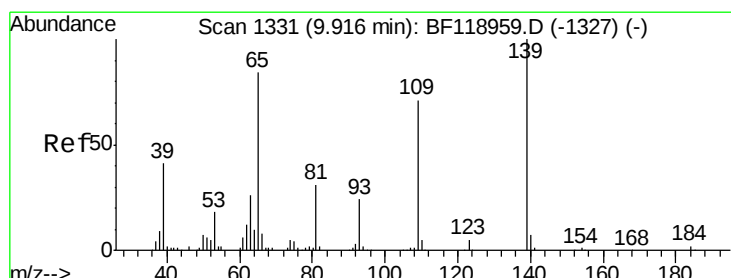
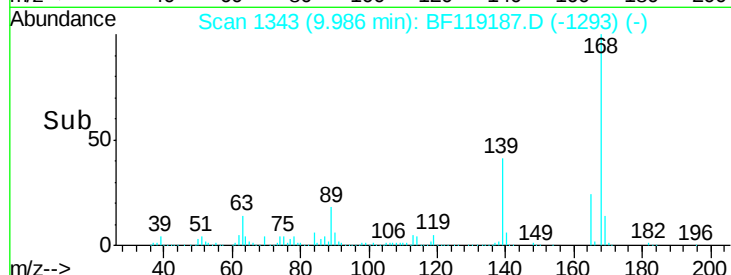
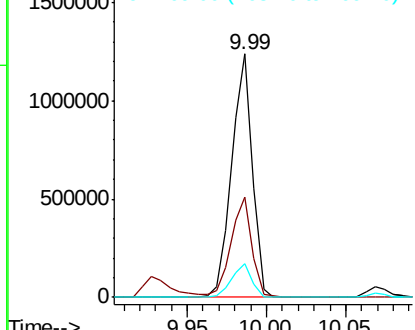
#55
Dibenzofuran
Concen: 40.320 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BF119187.D
Acq: 4 Mar 2020 10:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 1117558
Ion Ratio Lower Upper
168 100
139 41.4 34.0 51.0
169 13.6 11.0 16.4

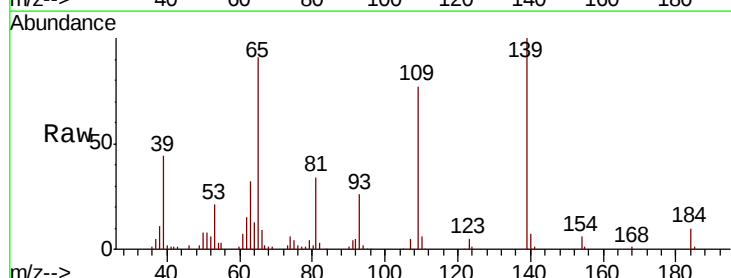


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

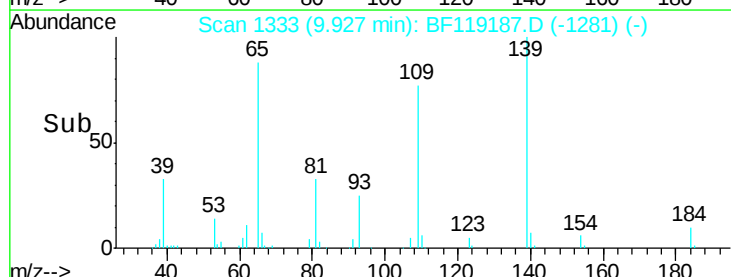
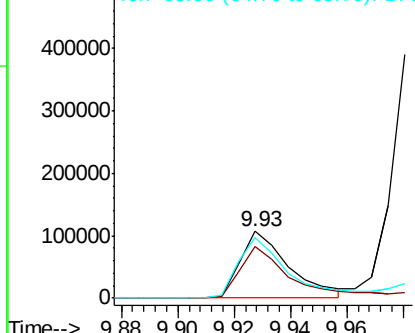


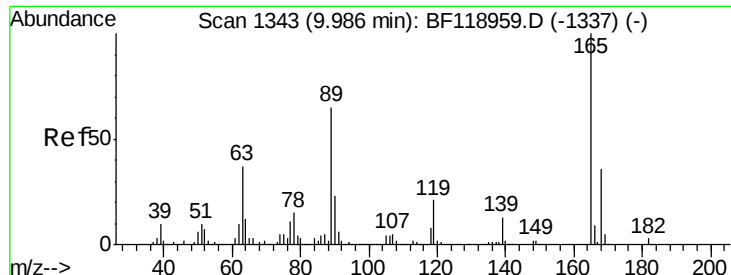
#56
4-Nitrophenol
Concen: 34.536 ng
RT: 9.93 min Scan# 1333
Delta R.T. 0.01 min
Lab File: BF119187.D
Acq: 4 Mar 2020 10:53

Tgt Ion:139 Resp: 127949
Ion Ratio Lower Upper
139 100
109 77.4 56.7 96.7
65 90.5 65.0 105.0



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

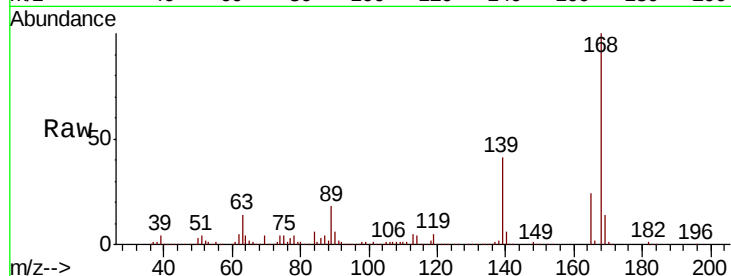




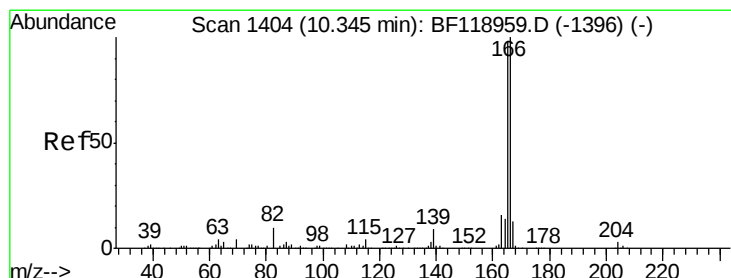
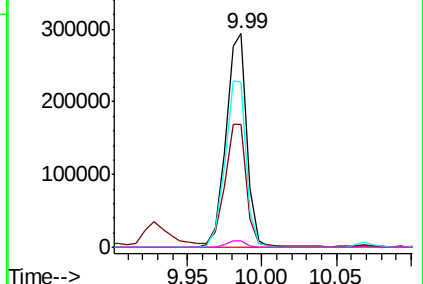
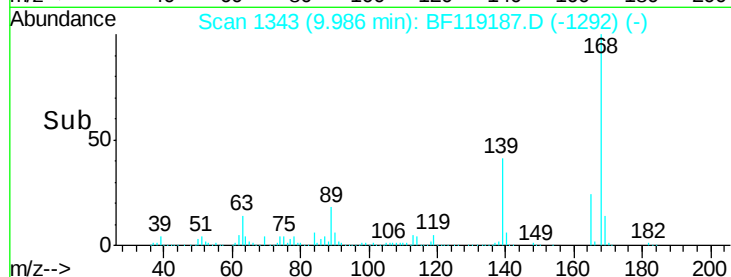
#57
2,4-Dinitrotoluene
Concen: 40.461 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.00 min
Lab File: BF119187.D
Acq: 4 Mar 2020 10:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	57.3	42.3	63.5
89	77.4	60.2	90.4
182	3.1	2.3	3.5

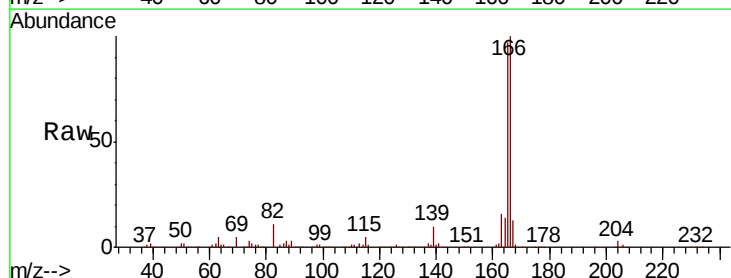


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

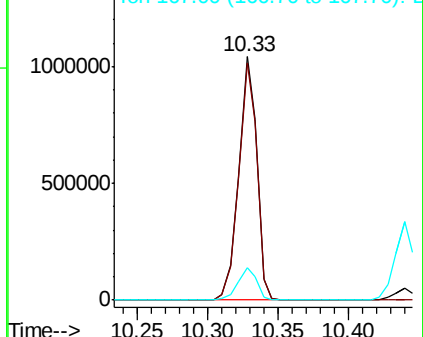
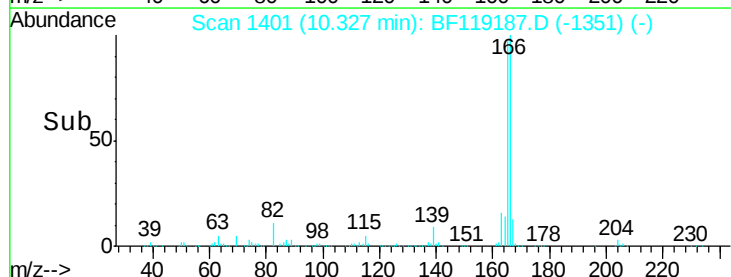


#58
Fluorene
Concen: 42.905 ng
RT: 10.33 min Scan# 1401
Delta R.T. -0.01 min
Lab File: BF119187.D
Acq: 4 Mar 2020 10:53

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.3	78.5	117.7
167	13.5	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

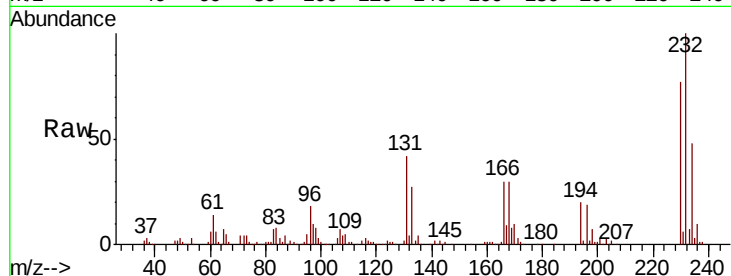




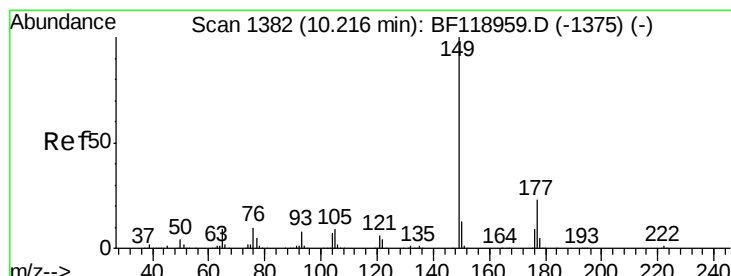
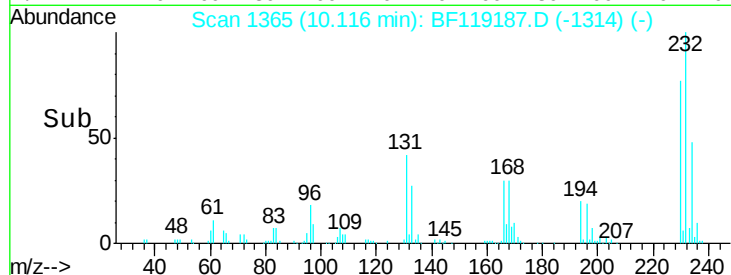
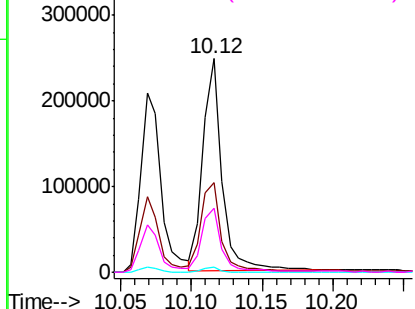
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 38.118 ng
 RT: 10.12 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: BF119187.D
 Acq: 4 Mar 2020 10:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	46.4	33.8	50.8
130	2.5	1.8	2.6
166	30.5	23.0	34.4

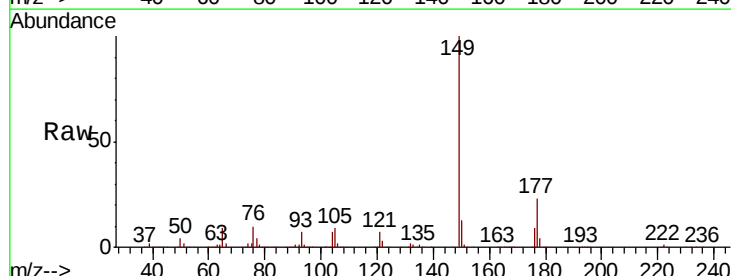


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

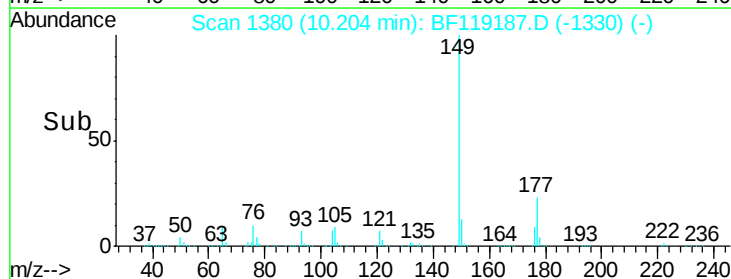
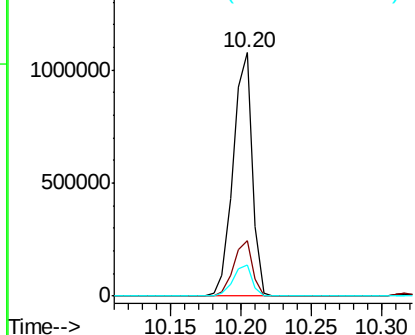


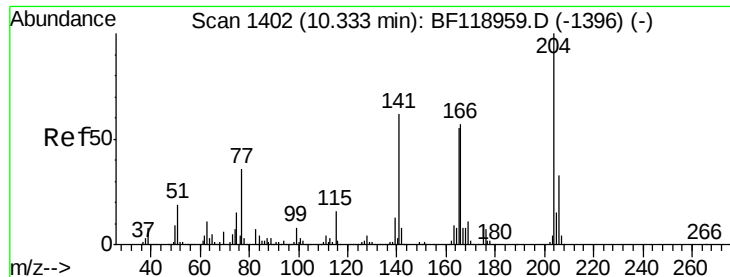
#60
 Diethylphthalate
 Concen: 42.941 ng
 RT: 10.20 min Scan# 1380
 Delta R.T. -0.01 min
 Lab File: BF119187.D
 Acq: 4 Mar 2020 10:53

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.0	18.2	27.2
150	12.8	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

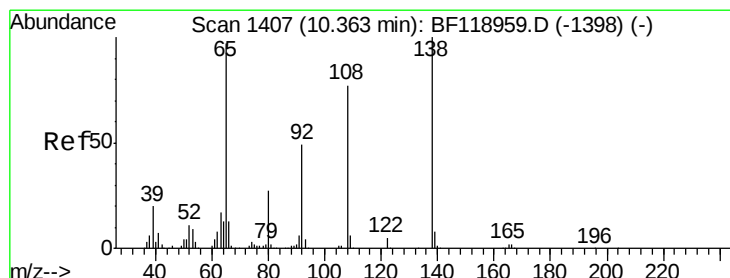
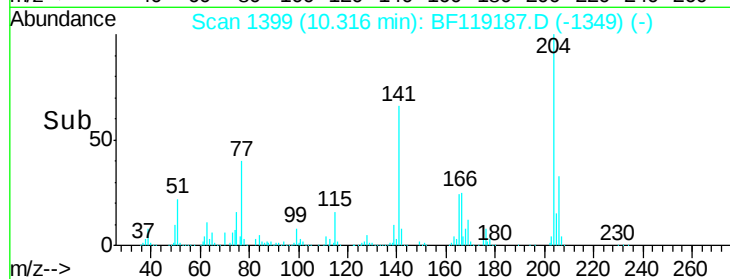
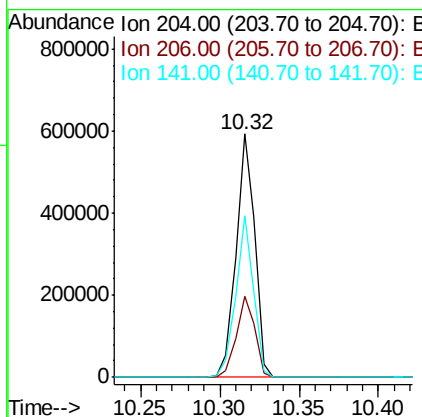
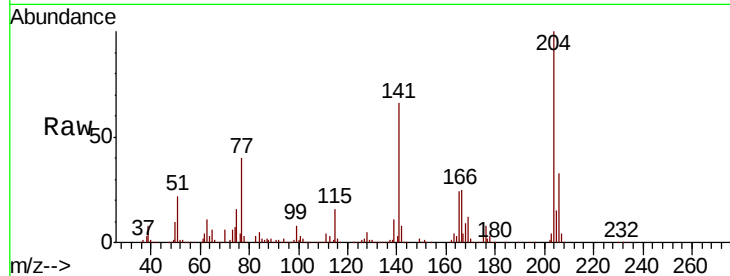




#61
 4-Chlorophenyl-phenylether
 Concen: 42.492 ng
 RT: 10.32 min Scan# 1399
 Delta R.T. -0.01 min
 Lab File: BF119187.D
 Acq: 4 Mar 2020 10:53

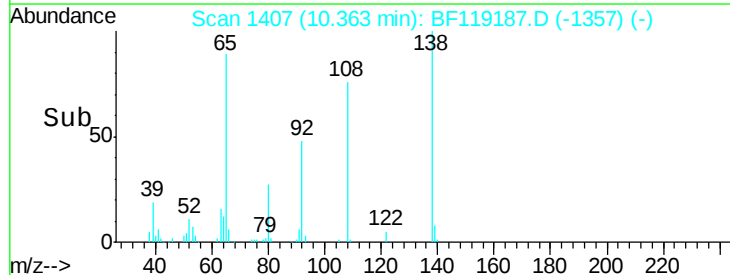
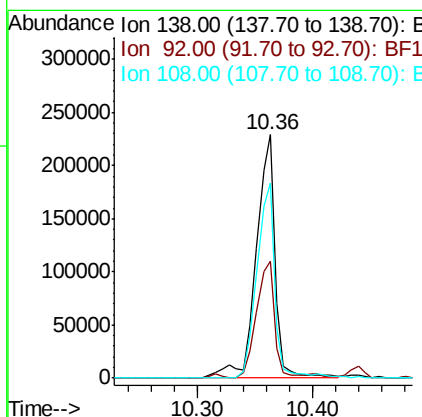
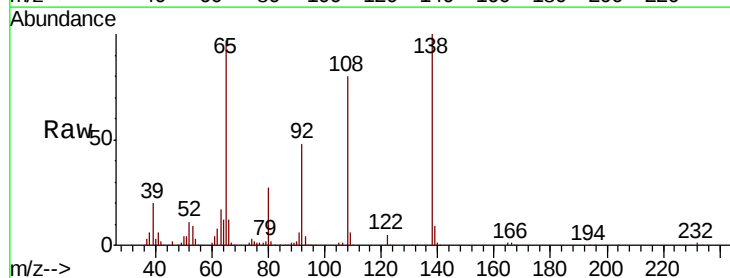
Instrument :
 BNA_F
 ClientSampleId :

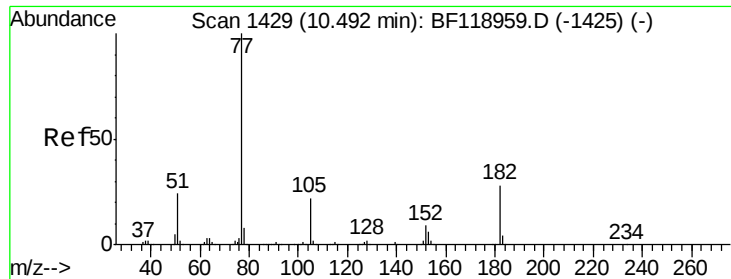
Tot Ion	Ratio	Lower	Upper
204	100		
206	33.1	27.1	40.7
141	66.4	52.9	79.3



#62
 4-Nitroaniline
 Concen: 42.028 ng
 RT: 10.36 min Scan# 1407
 Delta R.T. -0.01 min
 Lab File: BF119187.D
 Acq: 4 Mar 2020 10:53

Tgt Ion	Ratio	Lower	Upper
138	100		
92	47.9	27.3	67.3
108	80.3	57.0	97.0





#63

Azobenzene

Concen: 43.239 ng

RT: 10.48 min Scan# 1427

Delta R.T. -0.01 min

Lab File: BF119187.D

Acq: 4 Mar 2020 10:53

Instrument :

BNA_F

ClientSampled :

Tot Ion: 77 Resp: 886709

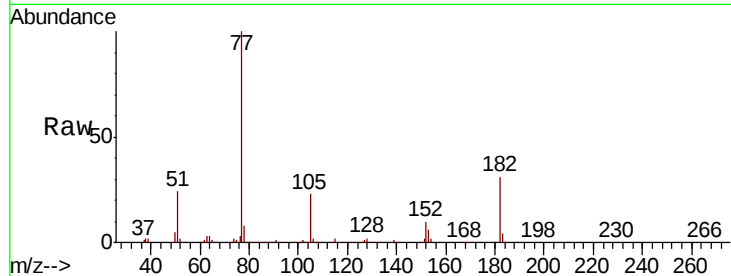
Ion Ratio Lower Upper

77 100

182 30.8 11.4 51.4

105 23.1 3.4 43.4

51 24.2 5.1 45.1

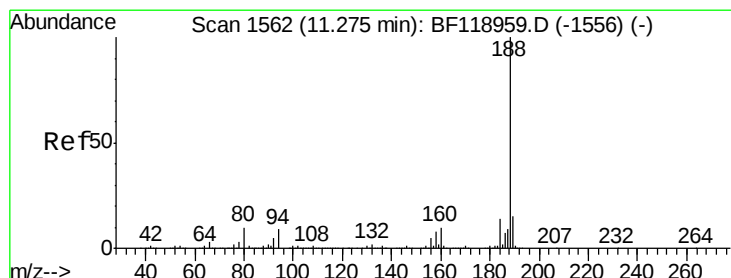
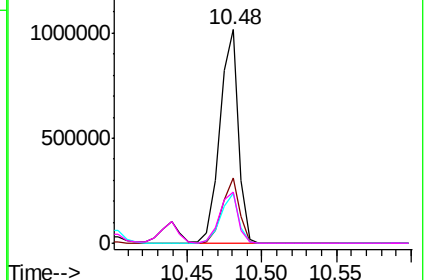
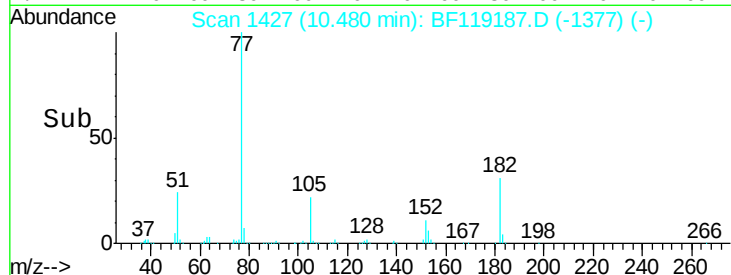


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.26 min Scan# 1560

Delta R.T. -0.00 min

Lab File: BF119187.D

Acq: 4 Mar 2020 10:53

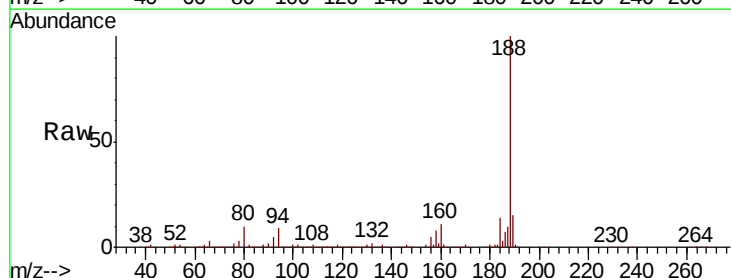
Tgt Ion: 188 Resp: 599652

Ion Ratio Lower Upper

188 100

94 8.8 7.1 10.7

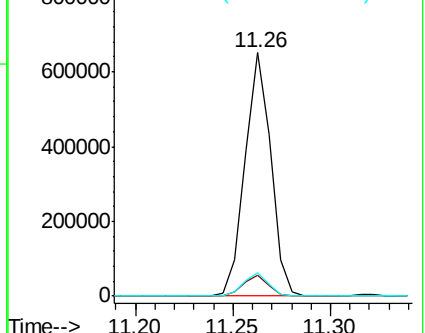
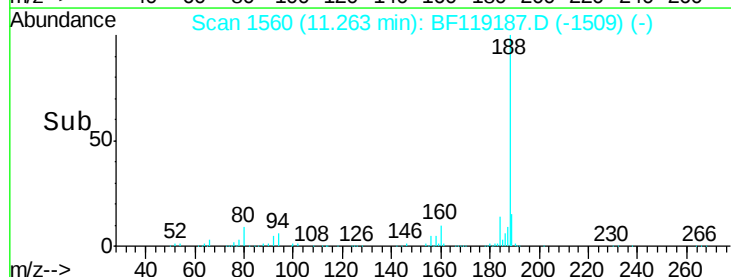
80 9.5 7.8 11.8

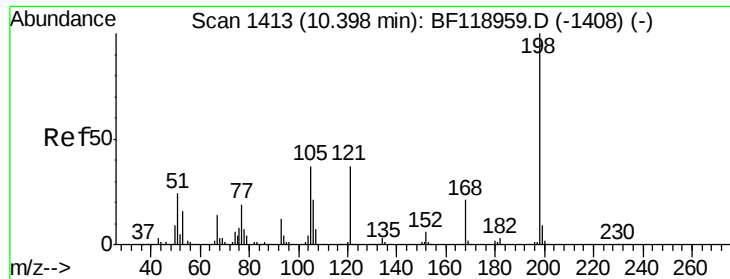


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

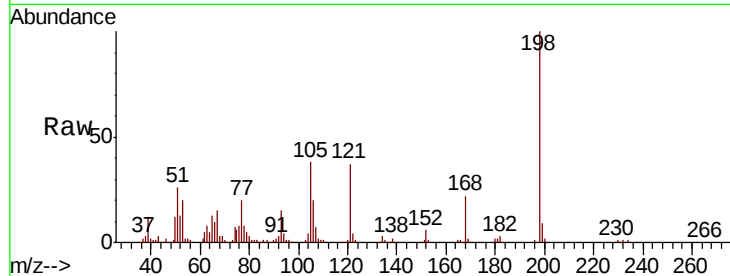




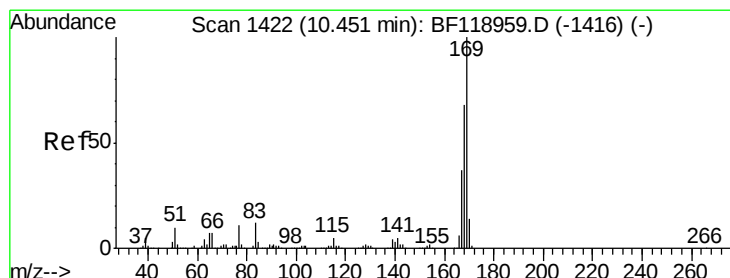
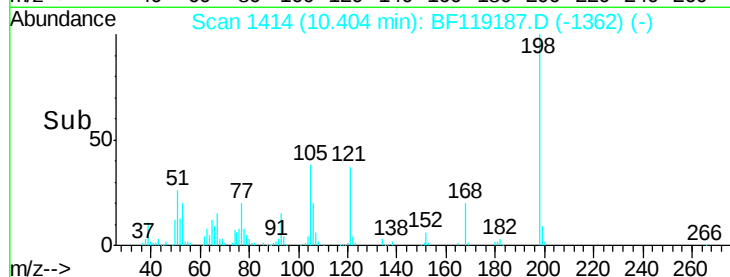
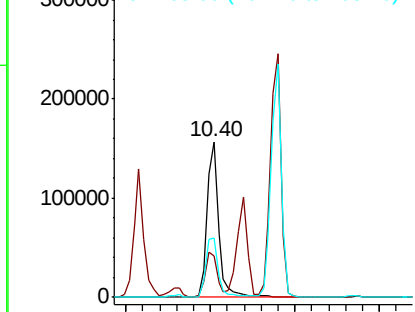
#65
4,6-Dinitro-2-methylphenol
Concen: 41.968 ng
RT: 10.40 min Scan# 1414
Delta R.T. 0.01 min
Lab File: BF119187.D
Acq: 4 Mar 2020 10:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:198 Resp: 152283
Ion Ratio Lower Upper
198 100
51 26.3 14.2 54.2
105 38.3 22.7 62.7

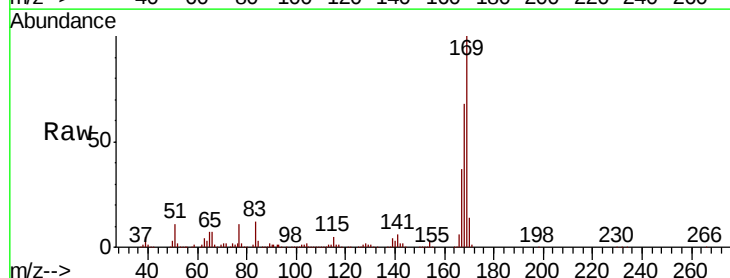


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

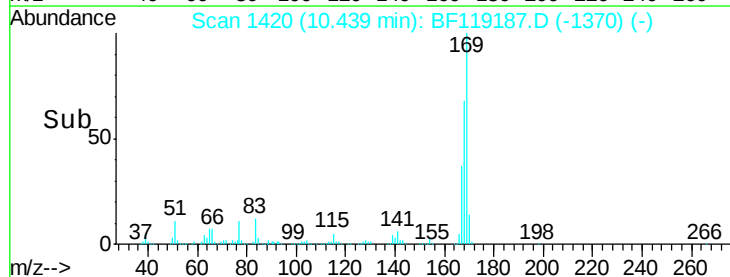
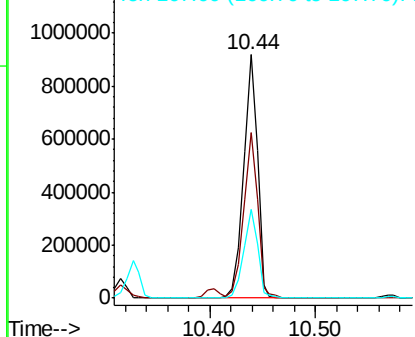


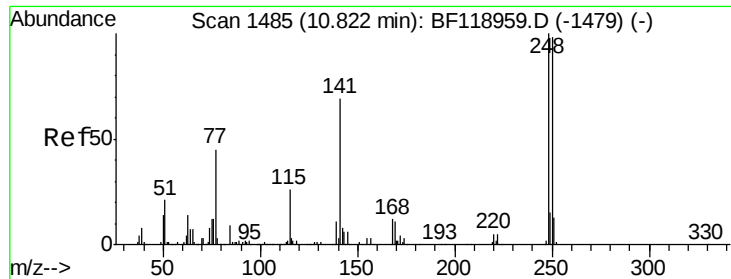
#66
n-Nitrosodiphenylamine
Concen: 42.003 ng
RT: 10.44 min Scan# 1420
Delta R.T. -0.01 min
Lab File: BF119187.D
Acq: 4 Mar 2020 10:53

Tgt Ion:169 Resp: 824728
Ion Ratio Lower Upper
169 100
168 68.2 54.1 81.1
167 36.6 29.4 44.0



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

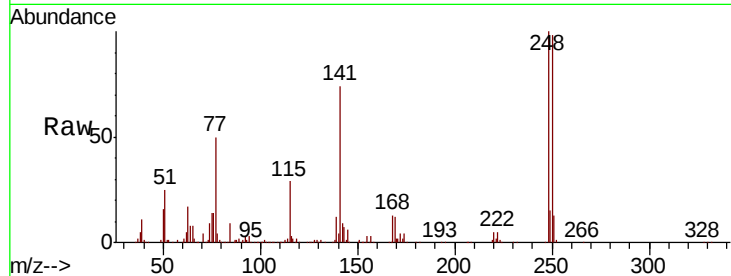




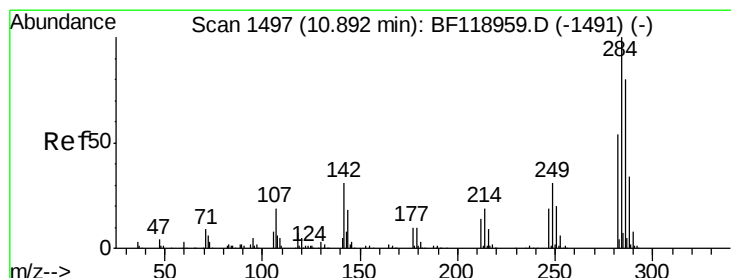
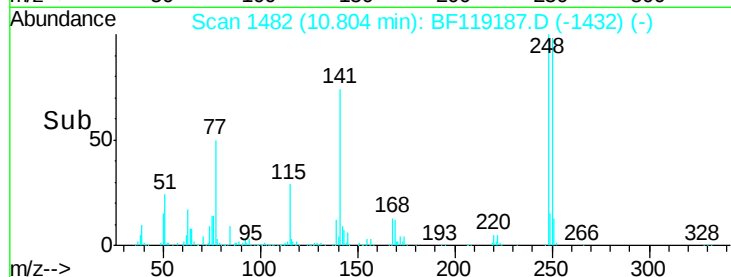
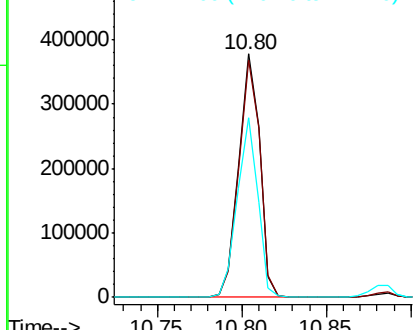
#67
4-Bromophenyl-phenylether
Concen: 41.919 ng
RT: 10.80 min Scan# 1482
Delta R.T. -0.01 min
Lab File: BF119187.D
Acq: 4 Mar 2020 10:53

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 328572
Ion Ratio Lower Upper
248 100
250 97.5 76.7 115.1
141 73.7 60.7 91.1

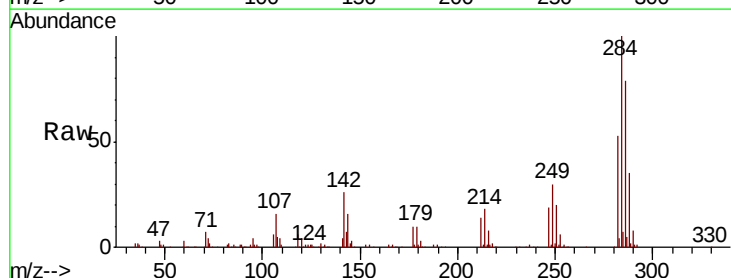


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

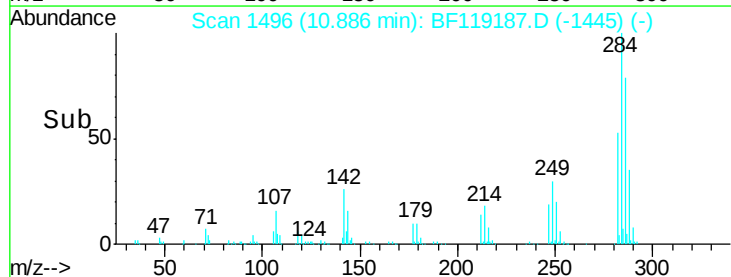
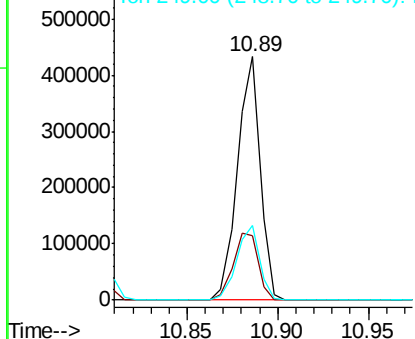


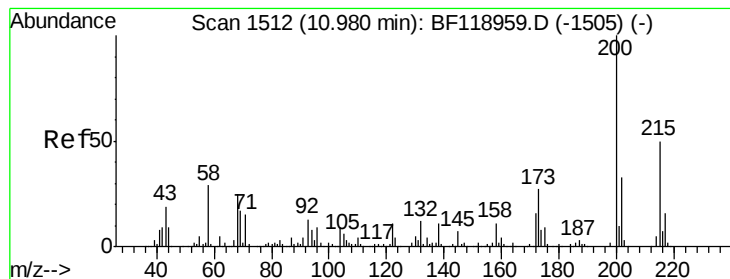
#68
Hexachlorobenzene
Concen: 41.903 ng
RT: 10.89 min Scan# 1496
Delta R.T. -0.00 min
Lab File: BF119187.D
Acq: 4 Mar 2020 10:53

Tgt Ion:284 Resp: 378679
Ion Ratio Lower Upper
284 100
142 26.5 23.7 35.5
249 30.4 25.0 37.6



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





#69

Atrazine

Concen: 37.180 ng

RT: 10.97 min Scan# 1510

Delta R.T. -0.01 min

Lab File: BF119187.D

Acq: 4 Mar 2020 10:53

Instrument :

BNA_F

ClientSampleId :

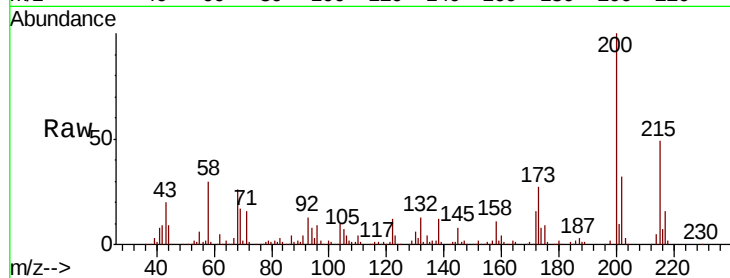
Tot Ion:200 Resp: 255065

Ion Ratio Lower Upper

200 100

173 27.1 6.4 46.4

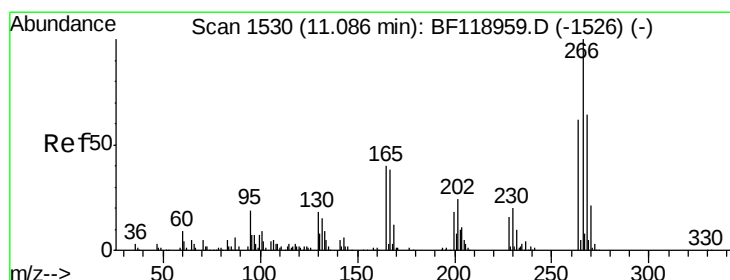
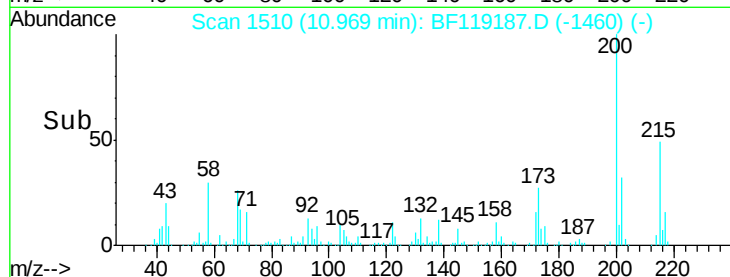
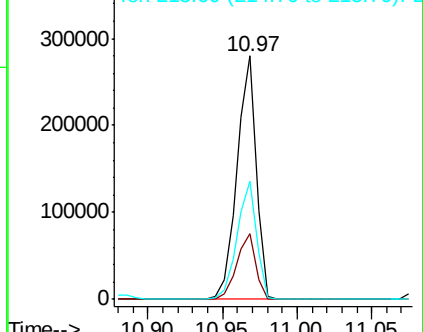
215 48.7 27.4 67.4



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: 36.533 ng

RT: 11.08 min Scan# 1529

Delta R.T. -0.00 min

Lab File: BF119187.D

Acq: 4 Mar 2020 10:53

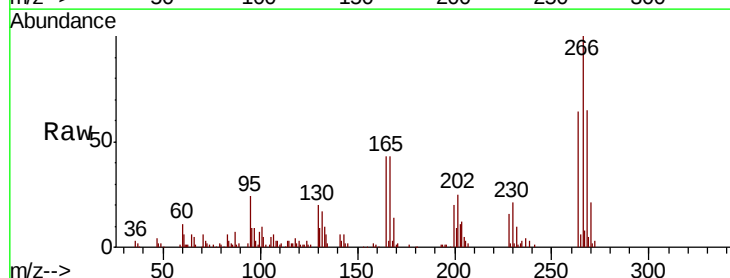
Tgt Ion:266 Resp: 132994

Ion Ratio Lower Upper

266 100

268 65.4 51.9 77.9

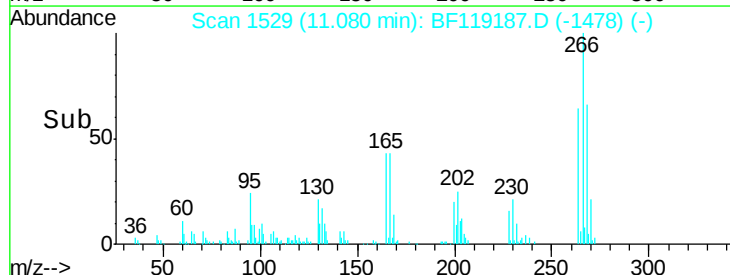
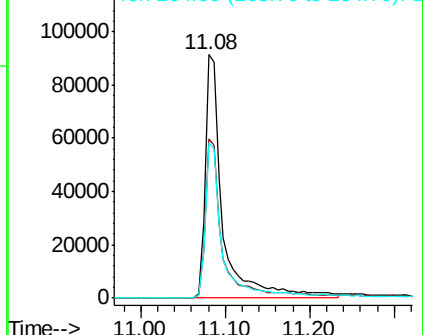
264 64.0 51.0 76.4

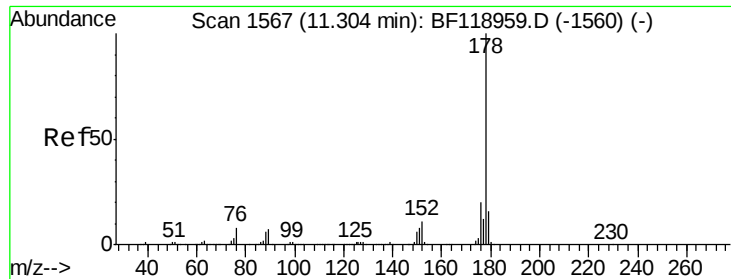


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 41.907 ng

RT: 11.29 min Scan# 1565

Delta R.T. -0.00 min

Lab File: BF119187.D

Acq: 4 Mar 2020 10:53

Instrument :

BNA_F

ClientSampleId :

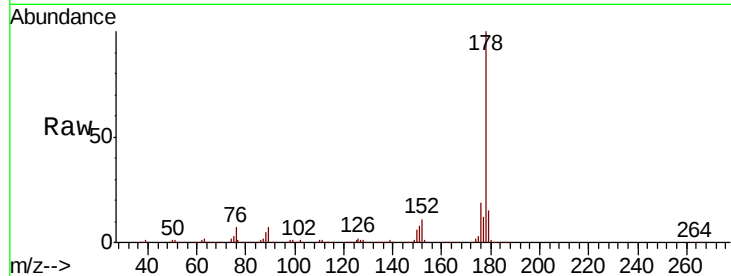
Tot Ion:178 Resp: 1370463

Ion Ratio Lower Upper

178 100

176 19.4 16.5 24.7

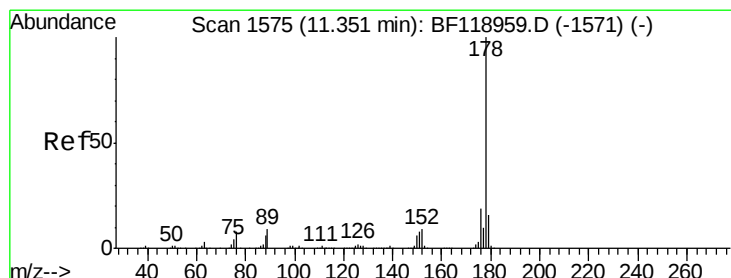
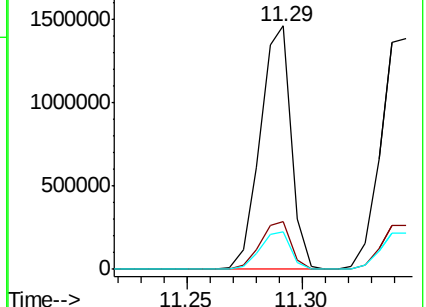
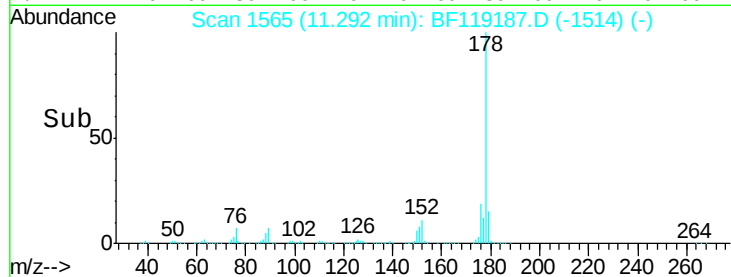
179 15.4 13.0 19.6



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: 42.148 ng

RT: 11.34 min Scan# 1574

Delta R.T. -0.00 min

Lab File: BF119187.D

Acq: 4 Mar 2020 10:53

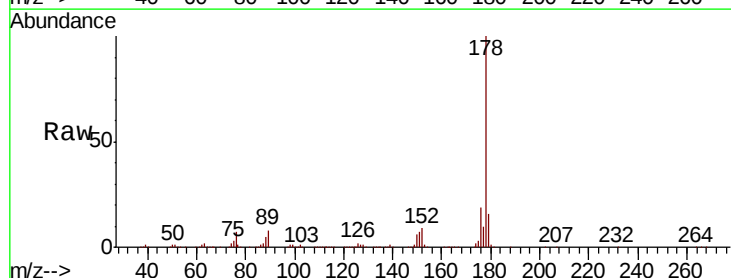
Tgt Ion:178 Resp: 1377168

Ion Ratio Lower Upper

178 100

176 19.0 16.0 24.0

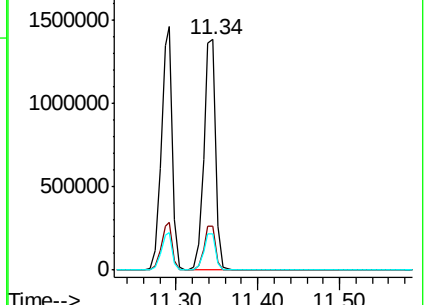
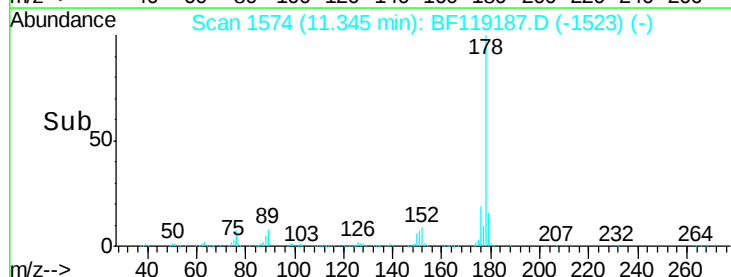
179 15.6 13.1 19.7

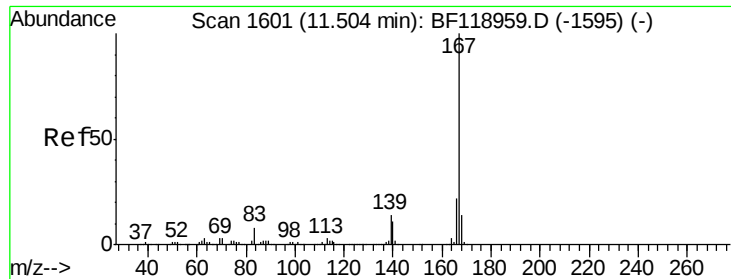


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



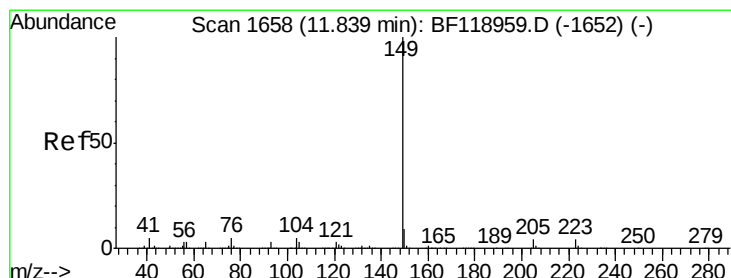
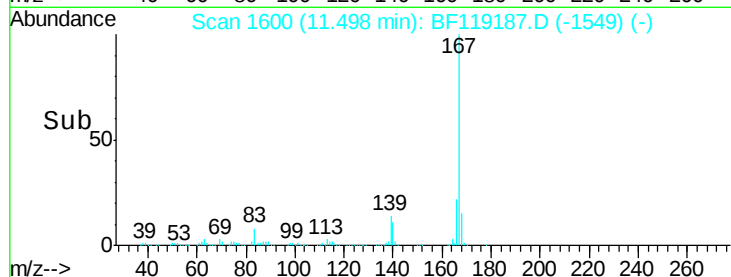
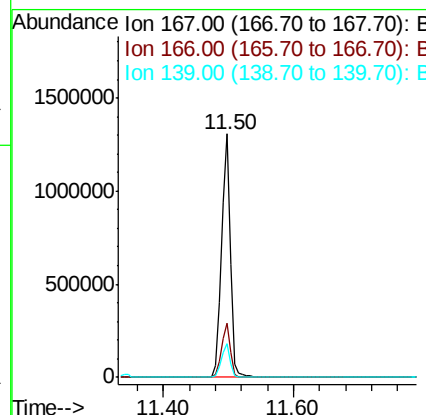
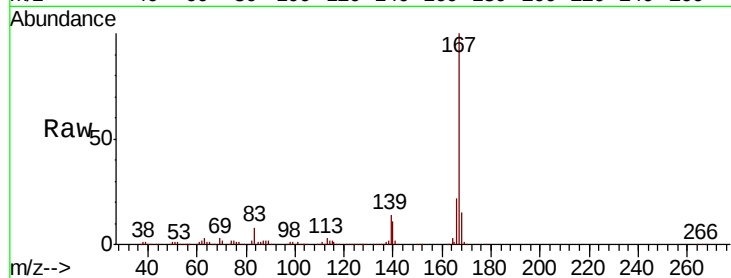


#73
 Carbazole
 Concen: 42.355 ng
 RT: 11.50 min Scan# 1600
 Delta R.T. -0.00 min
 Lab File: BF119187.D
 Acq: 4 Mar 2020 10:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:167 Resp: 1232933

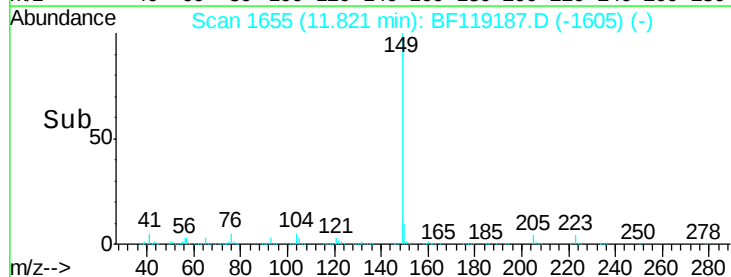
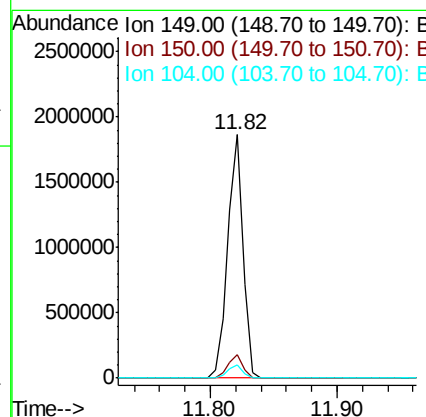
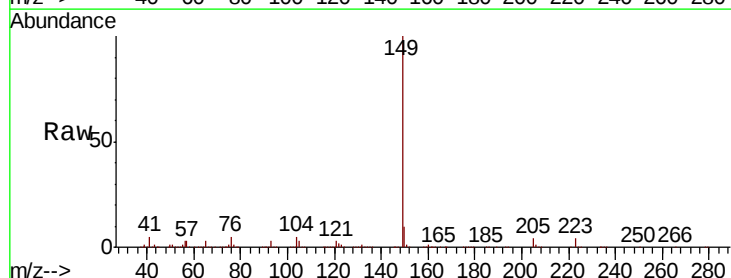
Ion	Ratio	Lower	Upper
167	100		
166	22.4	18.2	27.4
139	13.8	11.7	17.5

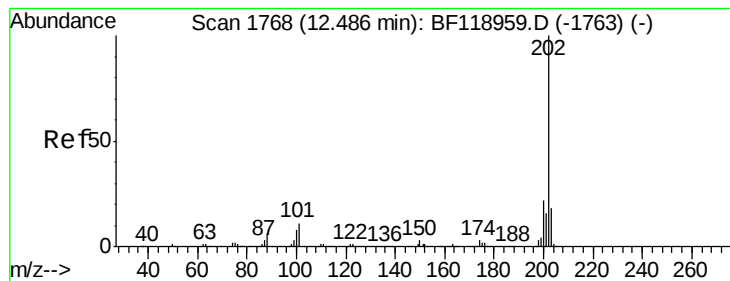


#74
 Di-n-butylphthalate
 Concen: 44.415 ng
 RT: 11.82 min Scan# 1655
 Delta R.T. -0.01 min
 Lab File: BF119187.D
 Acq: 4 Mar 2020 10:53

Tgt Ion:149 Resp: 1565697

Ion	Ratio	Lower	Upper
149	100		
150	9.6	7.9	11.9
104	5.4	4.6	6.8





#75

Fluoranthene

Concen: 42.299 ng

RT: 12.48 min Scan# 1767

Delta R.T. -0.00 min

Lab File: BF119187.D

Acq: 4 Mar 2020 10:53

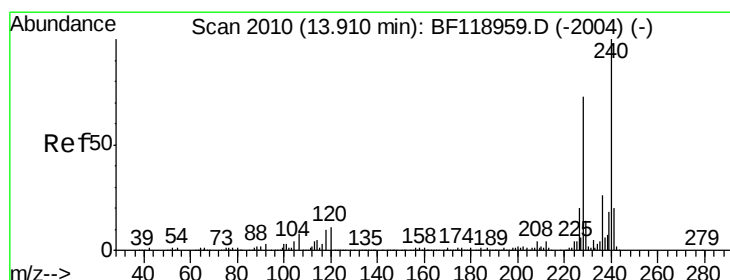
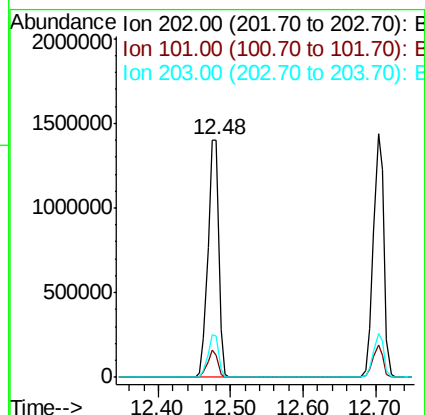
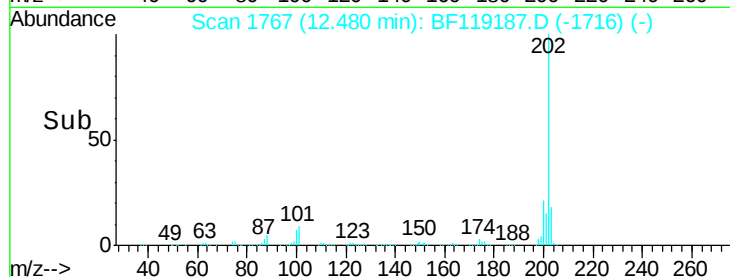
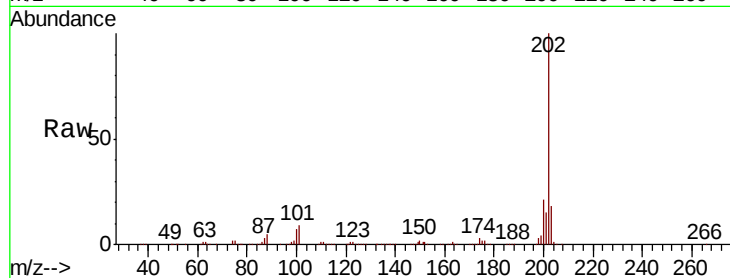
Instrument :

BNA_F

ClientSampleId :

Tot Ion:202 Resp: 1468297

Ion	Ratio	Lower	Upper
202	100		
101	9.4	0.0	30.3
203	17.6	0.0	38.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.90 min Scan# 2009

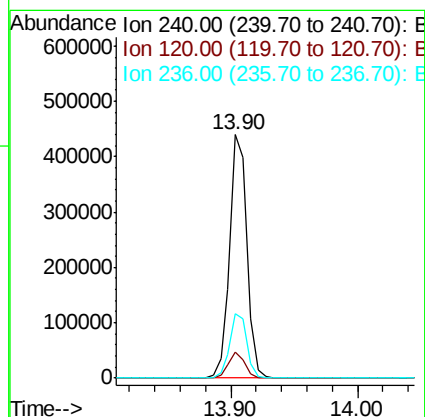
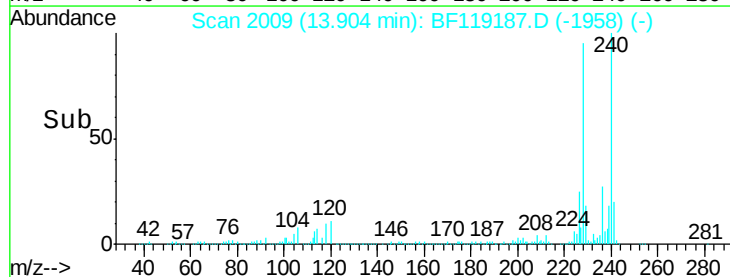
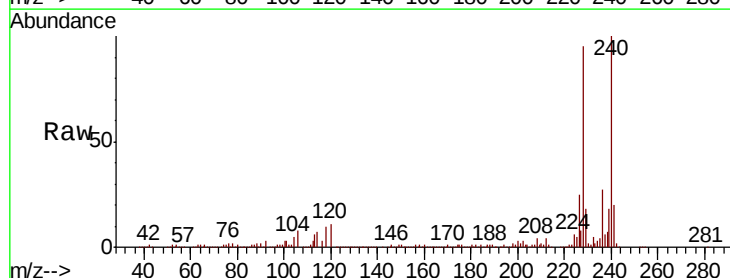
Delta R.T. -0.00 min

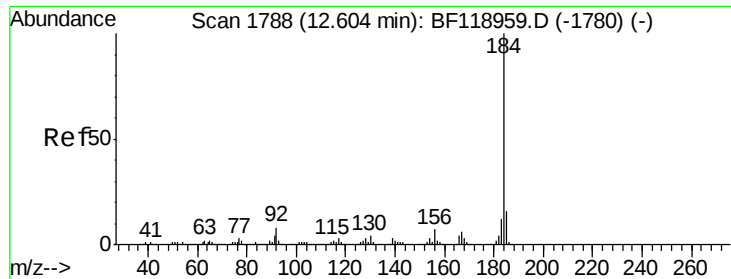
Lab File: BF119187.D

Acq: 4 Mar 2020 10:53

Tgt Ion:240 Resp: 412172

Ion	Ratio	Lower	Upper
240	100		
120	10.8	8.4	12.6
236	26.5	21.0	31.4





#77

Benzidine

Concen: 37.241 ng

RT: 12.59 min Scan# 1786

Delta R.T. -0.01 min

Lab File: BF119187.D

Acq: 4 Mar 2020 10:53

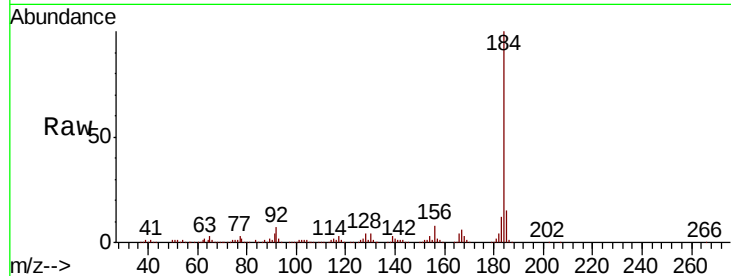
Instrument :

BNA_F

ClientSampleId :

Tot Ion:184 Resp: 624259

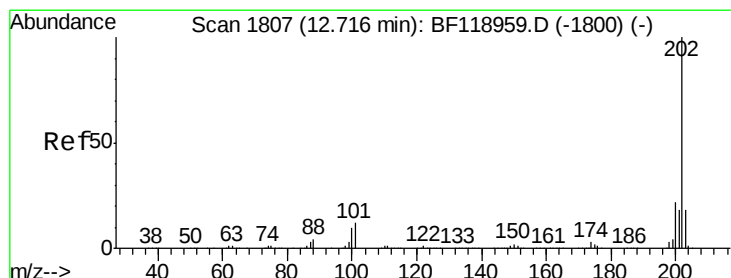
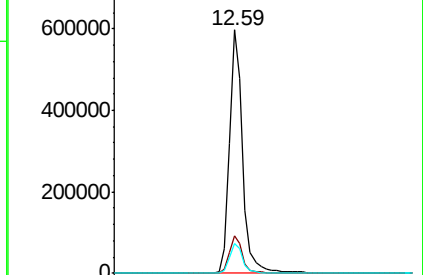
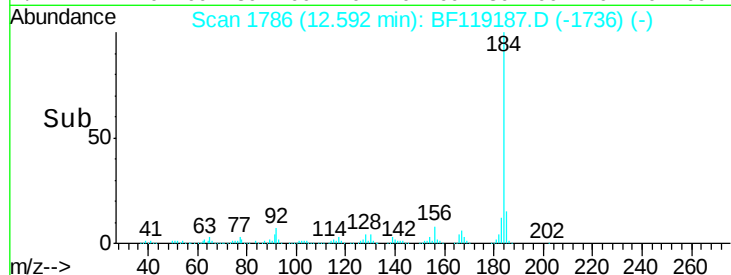
Ion	Ratio	Lower	Upper
184	100		
185	15.3	12.2	18.4
183	12.4	9.9	14.9



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: 43.884 ng

RT: 12.70 min Scan# 1805

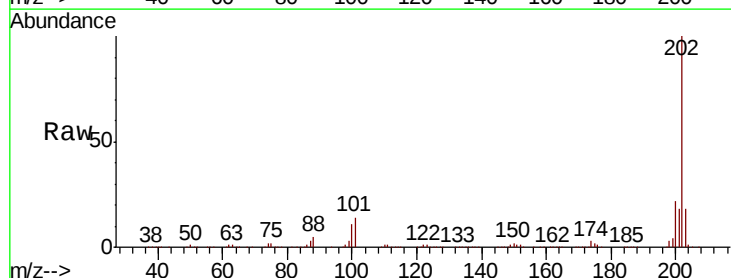
Delta R.T. -0.01 min

Lab File: BF119187.D

Acq: 4 Mar 2020 10:53

Tgt Ion:202 Resp: 1452440

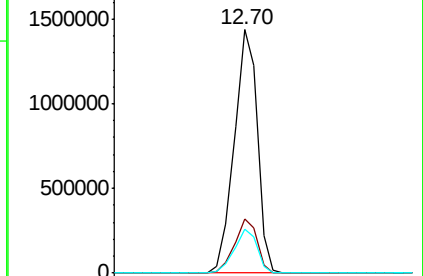
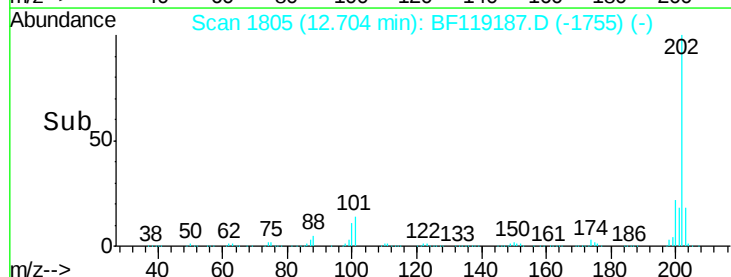
Ion	Ratio	Lower	Upper
202	100		
200	22.3	18.0	27.0
203	18.0	14.6	22.0

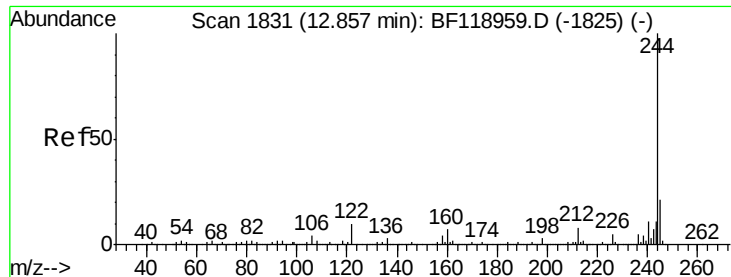


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 91.707 ng

RT: 12.84 min Scan# 1829

Delta R.T. -0.01 min

Lab File: BF119187.D

Acq: 4 Mar 2020 10:53

Instrument :

BNA_F

ClientSampled :

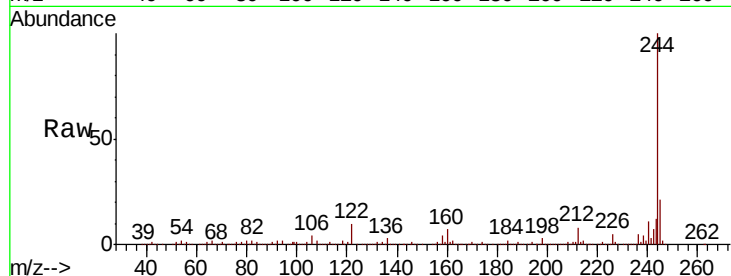
Tot Ion:244 Resp: 2195475

Ion Ratio Lower Upper

244 100

212 7.8 6.6 10.0

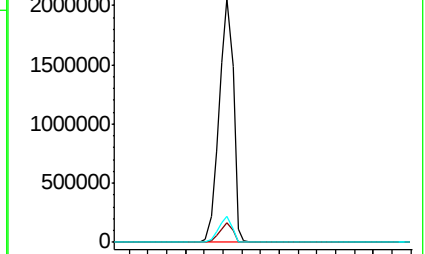
122 10.5 8.2 12.2



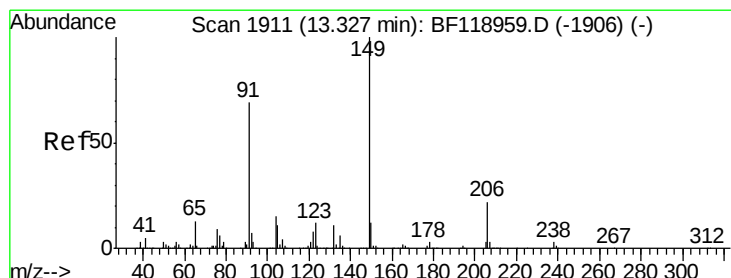
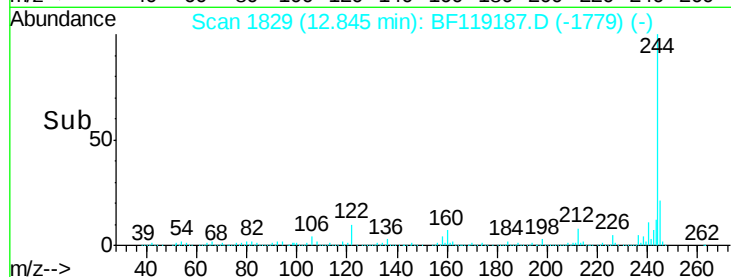
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time-->



#80

Butylbenzylphthalate

Concen: 47.456 ng

RT: 13.32 min Scan# 1909

Delta R.T. -0.01 min

Lab File: BF119187.D

Acq: 4 Mar 2020 10:53

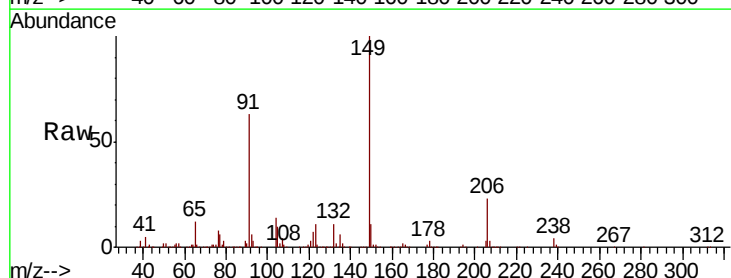
Tgt Ion:149 Resp: 661045

Ion Ratio Lower Upper

149 100

91 63.4 52.3 78.5

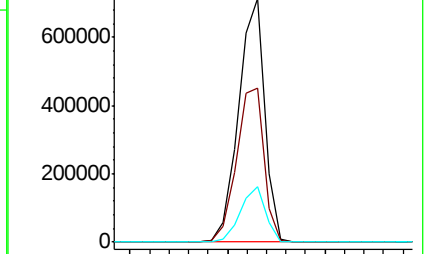
206 22.8 18.5 27.7



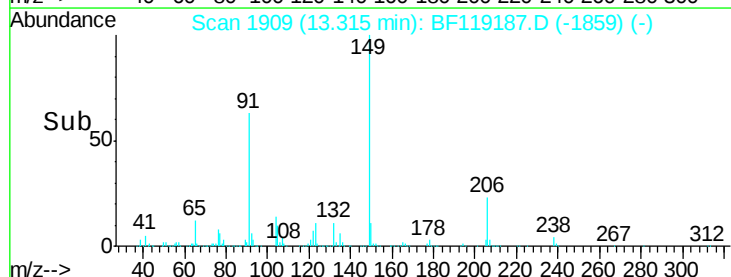
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E



Time-->

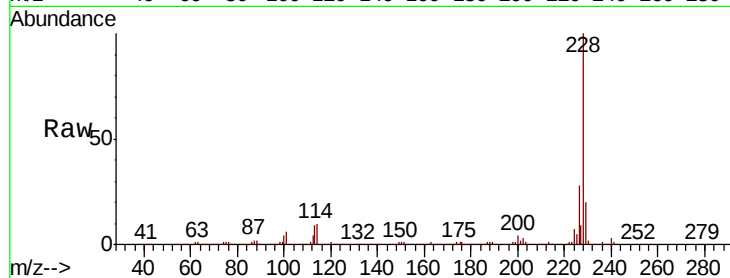




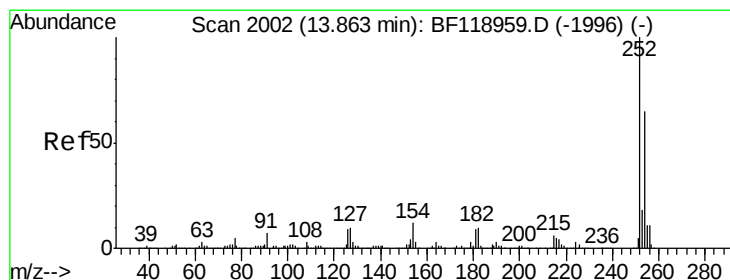
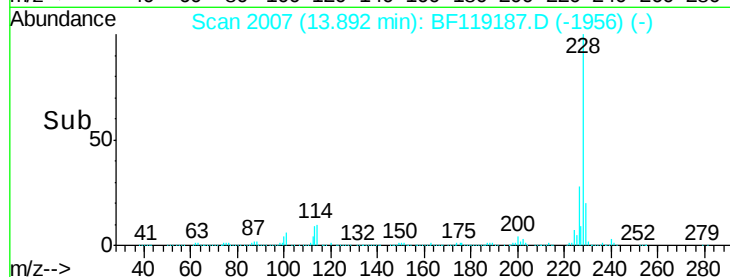
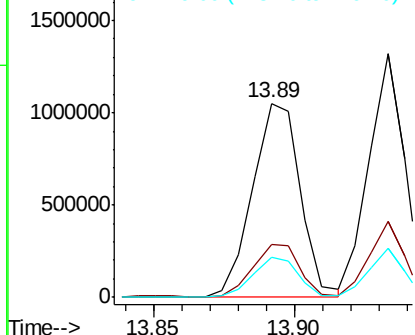
#81
Benzo(a)anthracene
Concen: 43.923 ng
RT: 13.89 min Scan# 2007
Delta R.T. -0.00 min
Lab File: BF119187.D
Acq: 4 Mar 2020 10:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:228 Resp: 1233536
Ion Ratio Lower Upper
228 100
226 27.5 22.6 33.8
229 20.4 16.6 24.8

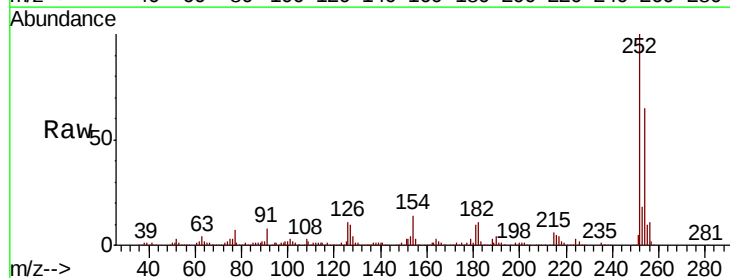


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

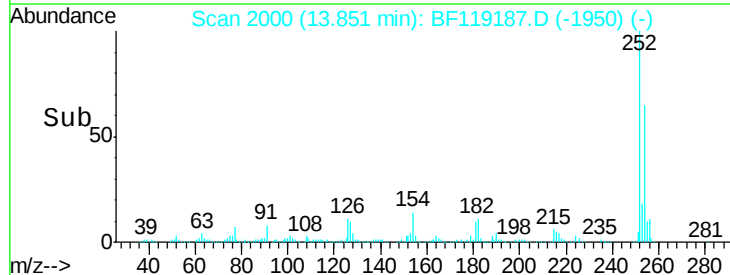
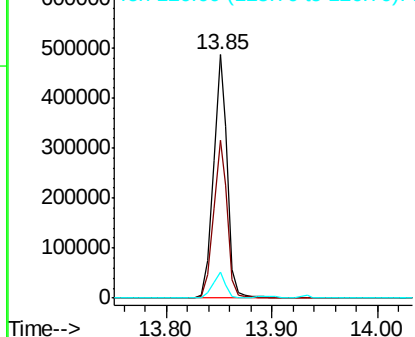


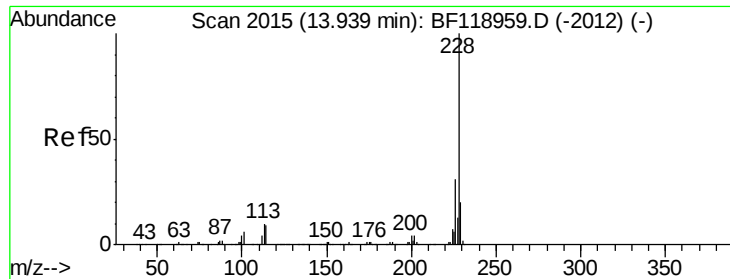
#82
3,3'-Dichlorobenzidine
Concen: 41.358 ng
RT: 13.85 min Scan# 2000
Delta R.T. -0.01 min
Lab File: BF119187.D
Acq: 4 Mar 2020 10:53

Tgt Ion:252 Resp: 451016
Ion Ratio Lower Upper
252 100
254 64.9 51.6 77.4
126 10.8 7.4 11.0



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

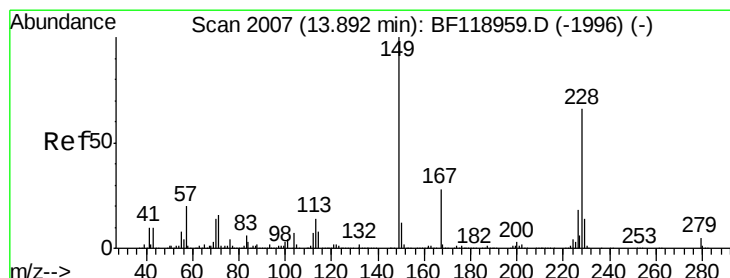
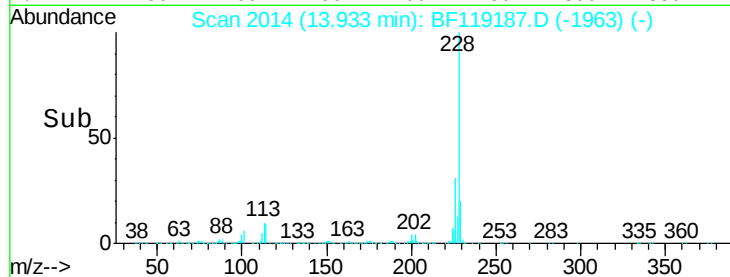
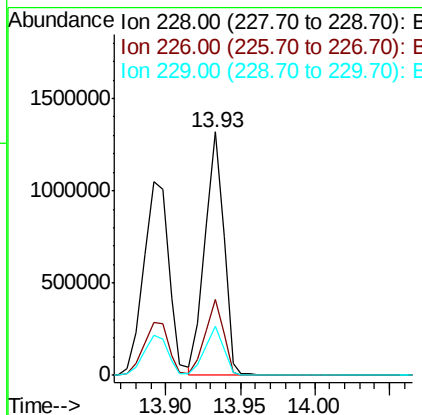
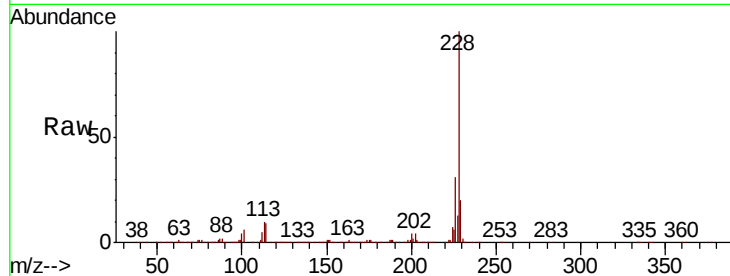




#83
 Chrvsene
 Concen: 41.067 ng
 RT: 13.93 min Scan# 2014
 Delta R.T. -0.00 min
 Lab File: BF119187.D
 Acq: 4 Mar 2020 10:53

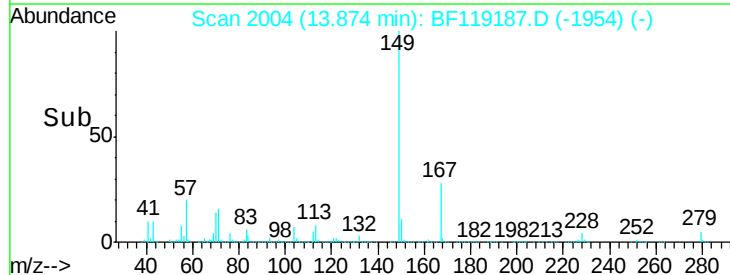
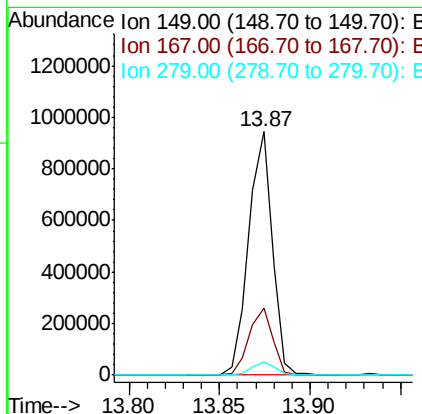
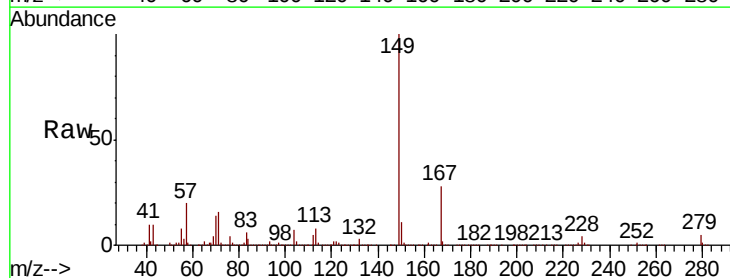
Instrument :
 BNA_F
 ClientSampleId :

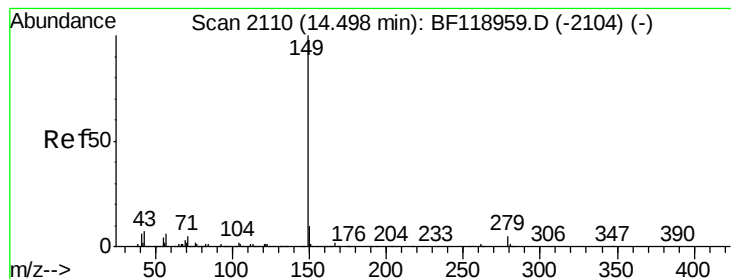
Tot Ion:228 Resp: 1149179
 Ion Ratio Lower Upper
 228 100
 226 31.0 25.1 37.7
 229 20.3 16.3 24.5



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 48.592 ng
 RT: 13.87 min Scan# 2004
 Delta R.T. -0.01 min
 Lab File: BF119187.D
 Acq: 4 Mar 2020 10:53

Tgt Ion:149 Resp: 855123
 Ion Ratio Lower Upper
 149 100
 167 27.6 22.8 34.2
 279 5.4 4.6 6.8





#85

Di-n-octyl phthalate

Concen: 45.045 ng

RT: 14.48 min Scan# 2107

Delta R.T. -0.01 min

Lab File: BF119187.D

Acq: 4 Mar 2020 10:53

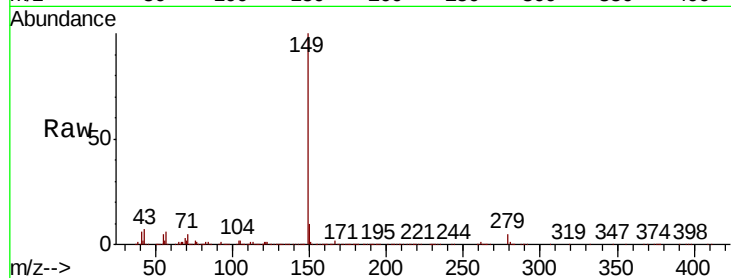
Instrument :

BNA_F

ClientSampleId :

Tot Ion:149 Resp: 1263017

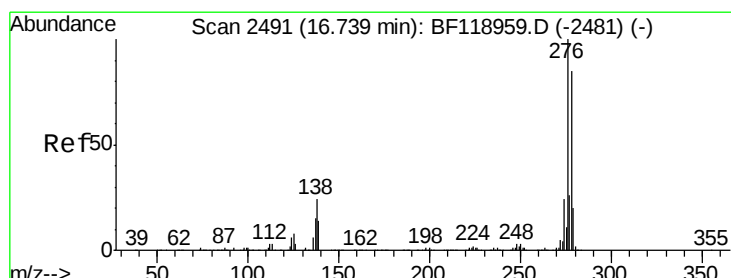
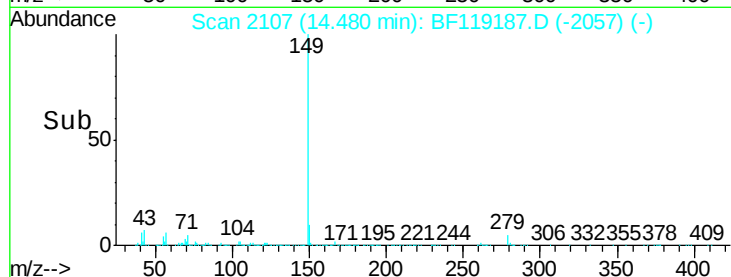
Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.3	1.9
43	6.9	5.7	8.5



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: 33.837 ng

RT: 16.75 min Scan# 2493

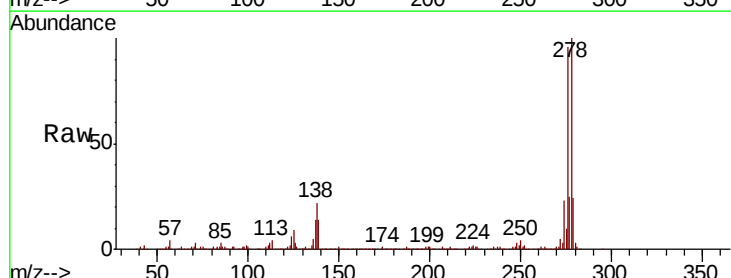
Delta R.T. 0.01 min

Lab File: BF119187.D

Acq: 4 Mar 2020 10:53

Tgt Ion:276 Resp: 916834

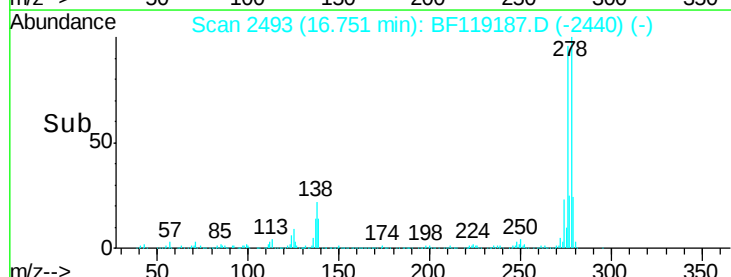
Ion	Ratio	Lower	Upper
276	100		
138	21.1	17.4	26.0
277	25.3	20.3	30.5

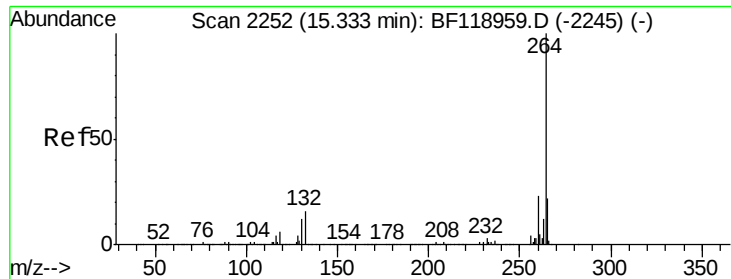


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



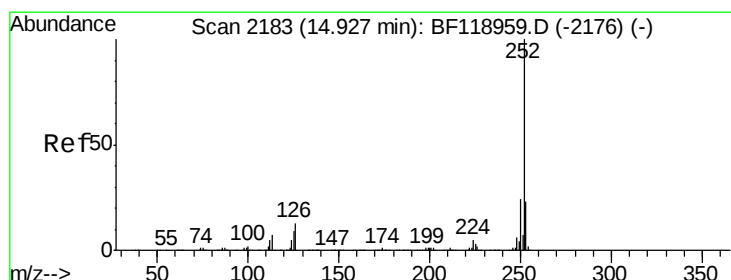
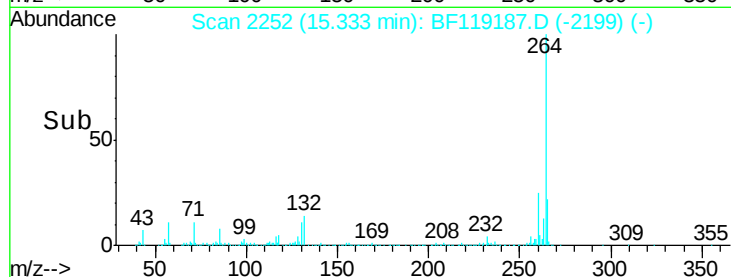
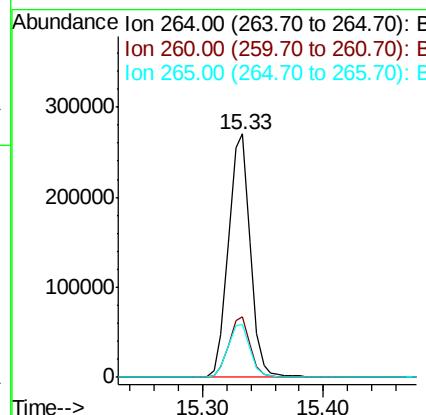
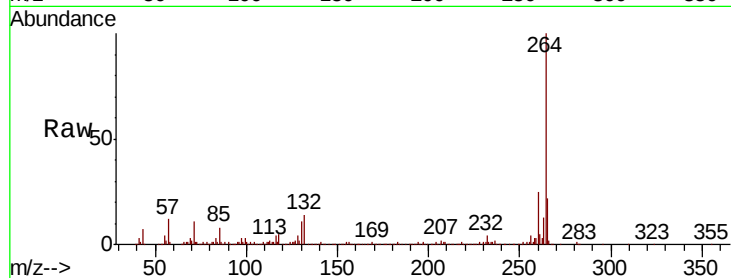


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.33 min Scan# 2252
Delta R.T. 0.01 min
Lab File: BF119187.D
Acq: 4 Mar 2020 10:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 337777

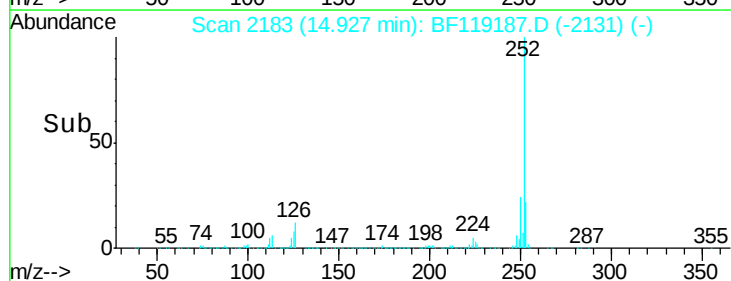
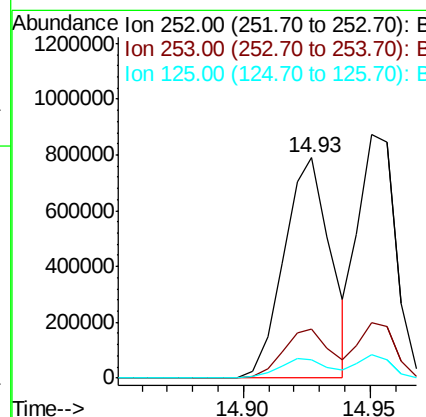
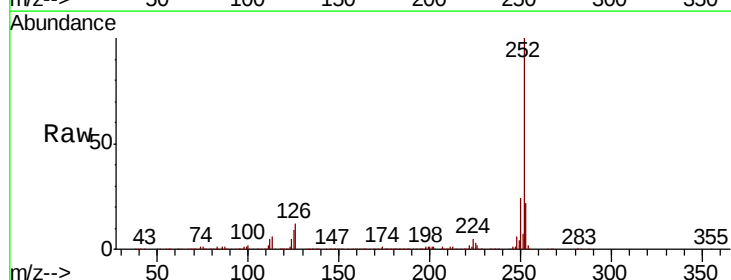
Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.4	29.2
265	21.7	17.7	26.5

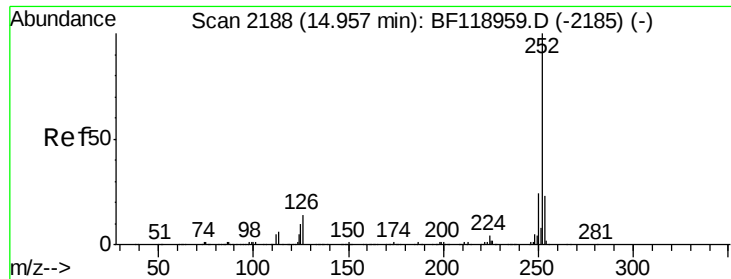


#88
Benzo(b)fluoranthene
Concen: 45.481 ng
RT: 14.93 min Scan# 2183
Delta R.T. 0.01 min
Lab File: BF119187.D
Acq: 4 Mar 2020 10:53

Tgt Ion:252 Resp: 1012613

Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.1	27.1
125	8.6	7.4	11.0

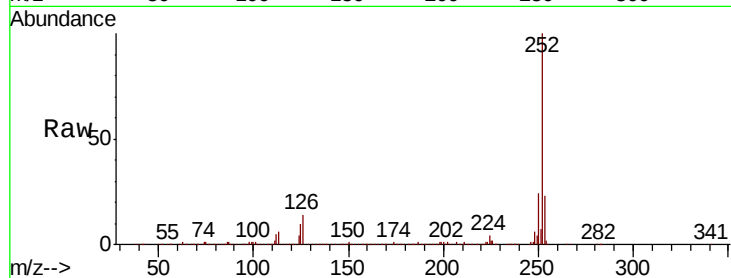




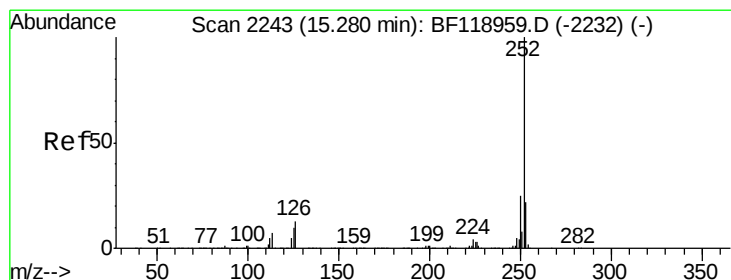
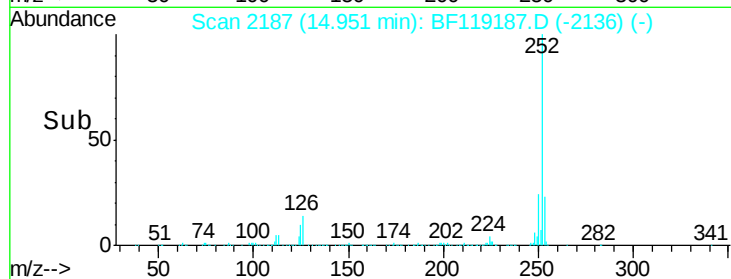
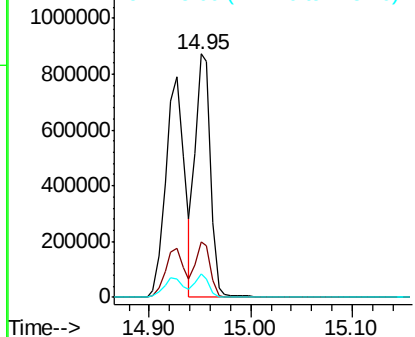
#89
Benzo(k)fluoranthene
Concen: 44.166 ng
RT: 14.95 min Scan# 2187
Delta R.T. -0.00 min
Lab File: BF119187.D
Acq: 4 Mar 2020 10:53

Instrument :
BNA_F
ClientSampled :

Tot Ion:252 Resp: 911277
Ion Ratio Lower Upper
252 100
253 22.6 17.8 26.8
125 9.7 7.5 11.3

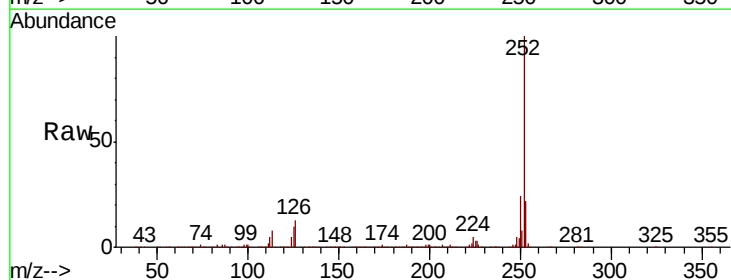


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

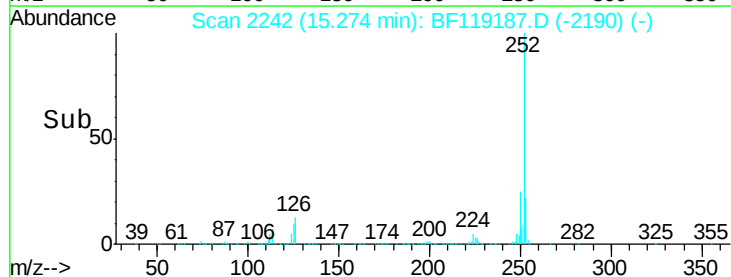
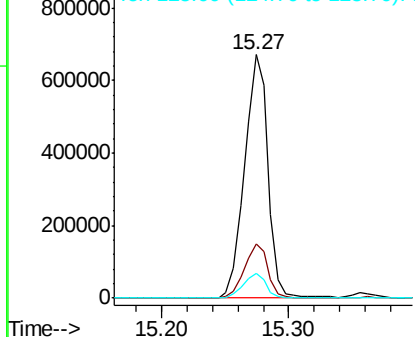


#90
Benzo(a)pyrene
Concen: 42.374 ng
RT: 15.27 min Scan# 2242
Delta R.T. 0.01 min
Lab File: BF119187.D
Acq: 4 Mar 2020 10:53

Tgt Ion:252 Resp: 851481
Ion Ratio Lower Upper
252 100
253 22.3 18.0 27.0
125 10.3 8.6 12.8



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

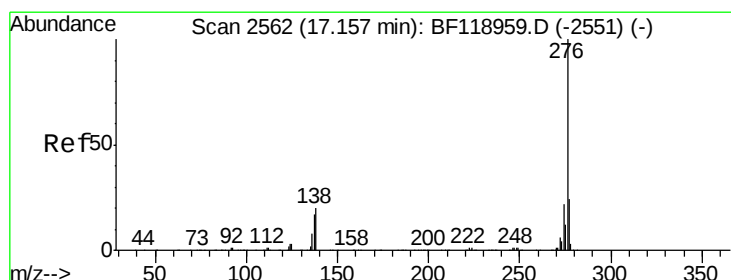
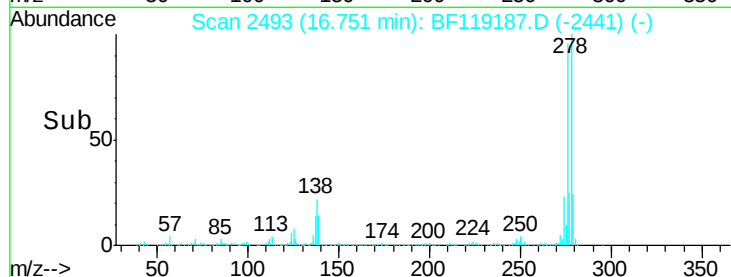
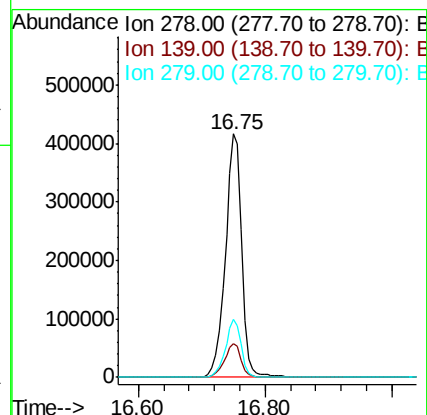
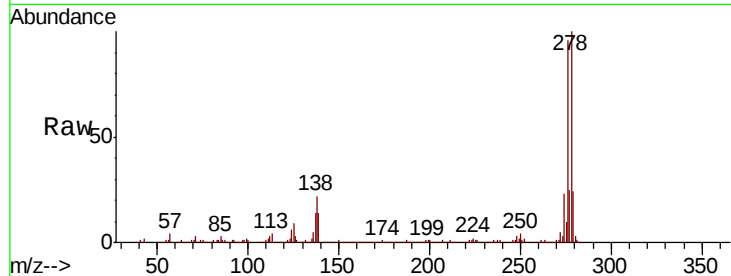




#91
Dibenzo(a,h)anthracene
Concen: 42.708 ng
RT: 16.75 min Scan# 2493
Delta R.T. 0.01 min
Lab File: BF119187.D
Acq: 4 Mar 2020 10:53

Instrument :
BNA_F
ClientSampled :

Tot Ion:278 Resp: 755095
Ion Ratio Lower Upper
278 100
139 14.0 11.0 16.4
279 24.0 18.6 28.0



#92
Benzo(g,h,i)perylene
Concen: 42.024 ng
RT: 17.17 min Scan# 2565
Delta R.T. 0.02 min
Lab File: BF119187.D
Acq: 4 Mar 2020 10:53

Tgt Ion:276 Resp: 734128
Ion Ratio Lower Upper
276 100
277 23.7 18.7 28.1
138 18.5 14.3 21.5

