

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030920\
 Data File : BF119282.D
 Acq On : 9 Mar 2020 12:18
 Operator : CG/JU
 Sample : PB127331BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 09 15:34:15 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 06 23:38:46 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	122524	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	485335	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	274112	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	507237	20.00	ng	0.00
76) Chrysene-d12	13.89	240	328488	20.00	ng	0.00
87) Perylene-d12	15.32	264	272030	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	666402	90.89	ng	0.00
7) Phenol-d6	6.38	99	552394	61.95	ng	0.00
23) Nitrobenzene-d5	7.30	82	800290	87.06	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	455384	126.99	ng	0.00
45) 2-Fluorobiphenyl	9.09	172	1583519	85.10	ng	0.00
79) Terphenyl-d14	12.83	244	1940949	101.73	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.45	88	53129	16.276	ng	98
4) n-Nitrosodimethylamine	3.12	42	44727	16.562	ng	88
6) Aniline	6.46	93	350905	31.894	ng	# 22
8) 2-Chlorophenol	6.52	128	383969	48.529	ng	99
9) Benzaldehyde	6.27	77	179585	30.145	ng	97
10) Phenol	6.39	94	212347	22.027	ng	# 77
11) bis(2-Chloroethyl)ether	6.46	93	350905	47.572	ng	99
12) 1,3-Dichlorobenzene	6.67	146	342451	36.111	ng	98
13) 1,4-Dichlorobenzene	6.74	146	354485	37.354	ng	99
14) 1,2-Dichlorobenzene	6.90	146	333105	38.488	ng	98
15) Benzyl Alcohol	6.88	79	211760	32.860	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.00	45	287603	45.010	ng	# 42
17) 2-Methylphenol	7.00	107	276212	43.058	ng	# 92
18) Hexachloroethane	7.23	117	118119	34.791	ng	98
19) n-Nitroso-di-n-propylamine	7.15	70	278199	53.544	ng	96
20) 3+4-Methylphenols	7.16	107	335901	42.741	ng	89
22) Acetophenone	7.14	105	555295	49.450	ng	95
24) Nitrobenzene	7.32	77	416718	45.844	ng	98
25) Isophorone	7.56	82	775005	48.548	ng	99
26) 2-Nitrophenol	7.63	139	227143	47.162	ng	98
27) 2,4-Dimethylphenol	7.67	122	314818	48.163	ng	97
28) bis(2-Chloroethoxy)methane	7.76	93	458407	44.117	ng	100
29) 2,4-Dichlorophenol	7.88	162	357421	46.448	ng	99
30) 1,2,4-Trichlorobenzene	7.95	180	329131	36.075	ng	98
31) Naphthalene	8.03	128	1046487	41.576	ng	99
32) Benzoic acid	7.82	122	72202	19.712	ng	97
33) 4-Chloroaniline	8.09	127	35603	3.289	ng	98
34) Hexachlorobutadiene	8.15	225	183177	32.232	ng	98
35) Caprolactam	8.47	113	9761	4.120	ng	96
36) 4-Chloro-3-methylphenol	8.58	107	381413	48.976	ng	96
37) 2-Methylnaphthalene	8.72	142	747316	44.119	ng	98
38) 1-Methylnaphthalene	8.82	142	706910	44.375	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.89	216	378345	40.938	ng	100
41) Hexachlorocyclopentadiene	8.87	237	109249	38.056	ng	100

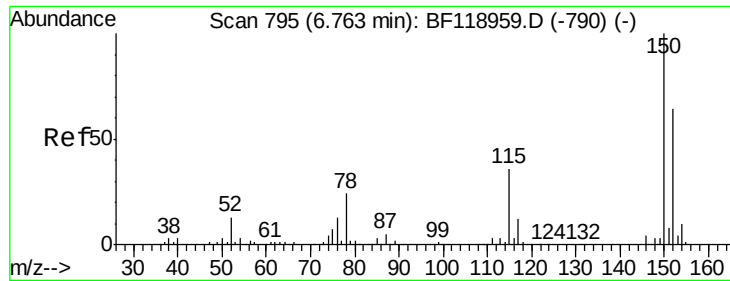
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030920\
 Data File : BF119282.D
 Acq On : 9 Mar 2020 12:18
 Operator : CG/JU
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 06 23:38:46 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,6-Trichlorophenol	9.01	196	253806	43.488	ng	99
44) 2,4,5-Trichlorophenol	9.06	196	265430	43.341	ng	99
46) 1,1'-Biphenyl	9.19	154	946141	42.708	ng	98
47) 2-Chloronaphthalene	9.21	162	757048	42.405	ng	99
48) 2-Nitroaniline	9.32	65	230599	46.310	ng	97
49) Acenaphthylene	9.63	152	1135181	44.026	ng	99
50) Dimethylphthalate	9.49	163	971120	46.330	ng	99
51) 2,6-Dinitrotoluene	9.56	165	217456	46.696	ng	99
52) Acenaphthene	9.80	154	697657	44.872	ng	99
53) 3-Nitroaniline	9.73	138	113421	21.969	ng	93
54) 2,4-Dinitrophenol	9.86	184	174222	77.258	ng	95
55) Dibenzofuran	9.97	168	1035057	44.602	ng	100
56) 4-Nitrophenol	9.93	139	76602	24.696	ng	97
57) 2,4-Dinitrotoluene	9.97	165	270822	44.866	ng	90
58) Fluorene	10.32	166	846716	46.955	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.10	232	244403	47.295	ng	97
60) Diethylphthalate	10.19	149	936230	47.397	ng	99
61) 4-Chlorophenyl-phenylether	10.30	204	448323	46.969	ng	99
62) 4-Nitroaniline	10.35	138	181359	34.335	ng	95
63) Azobenzene	10.46	77	831664	48.438	ng	97
65) 4,6-Dinitro-2-methylphenol	10.39	198	150976	49.188	ng	89
66) n-Nitrosodiphenylamine	10.42	169	762583	45.914	ng	100
67) 4-Bromophenyl-phenylether	10.79	248	294574	44.429	ng	98
68) Hexachlorobenzene	10.87	284	336497	44.019	ng	97
69) Atrazine	10.96	200	279927	48.239	ng	99
70) Pentachlorophenol	11.07	266	231919	75.315	ng	99
71) Phenanthrene	11.27	178	1262824	45.652	ng	98
72) Anthracene	11.33	178	1284820	46.485	ng	98
73) Carbazole	11.49	167	1136150	46.142	ng	98
74) Di-n-butylphthalate	11.80	149	1413849	47.415	ng	99
75) Fluoranthene	12.46	202	1314460	44.766	ng	99
78) Pyrene	12.69	202	1300606	49.308	ng	99
80) Butylbenzylphthalate	13.30	149	553104	49.823	ng	99
81) Benzo(a)anthracene	13.88	228	1071883	47.890	ng	99
82) 3,3'-Dichlorobenzidine	13.83	252	245326	28.227	ng	99
83) Chrysene	13.92	228	1017323	45.616	ng	99
84) Bis(2-ethylhexyl)phthalate	13.86	149	748442	53.365	ng	99
85) Di-n-octyl phthalate	14.46	149	1128218	50.488	ng	99
86) Indeno(1,2,3-cd)pyrene	16.73	276	876627	40.595	ng	100
88) Benzo(b)fluoranthene	14.91	252	888545	49.554	ng	99
89) Benzo(k)fluoranthene	14.94	252	863760	51.981	ng	98
90) Benzo(a)pyrene	15.26	252	748630	46.260	ng	99
91) Dibenzo(a,h)anthracene	16.73	278	744537	52.288	ng	99
92) Benzo(g,h,i)perylene	17.14	276	739777	52.582	ng	96

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

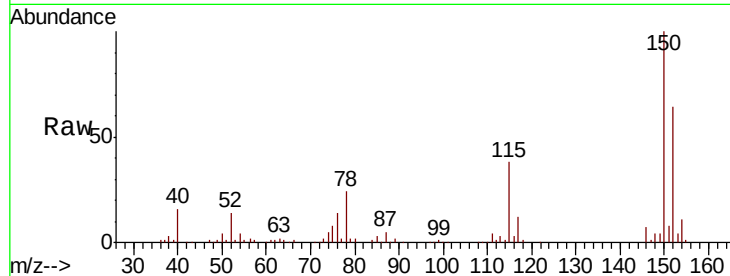


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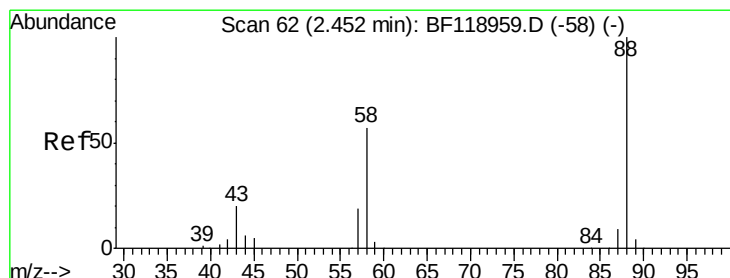
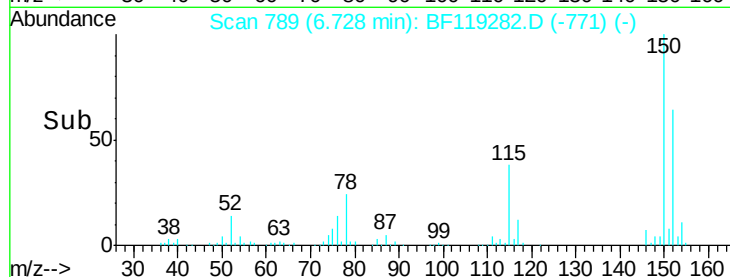
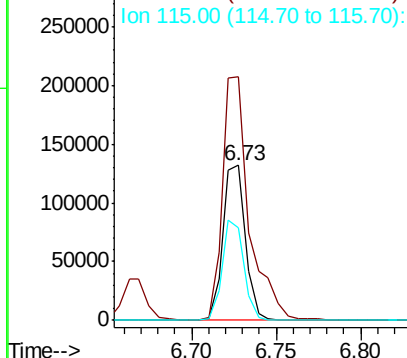
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. 0.01 min
Lab File: BF119282.D
Acq: 9 Mar 2020 12:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 122524
Ion Ratio Lower Upper
152 100
150 157.0 123.0 184.6
115 59.6 49.5 74.3



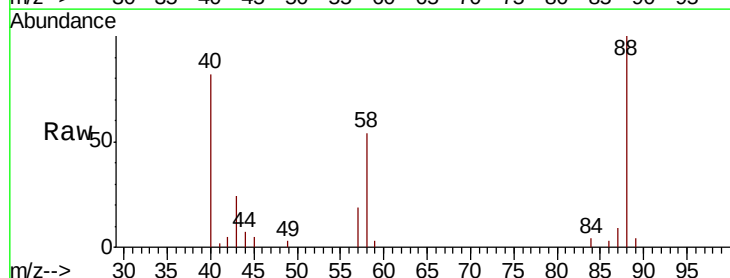
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



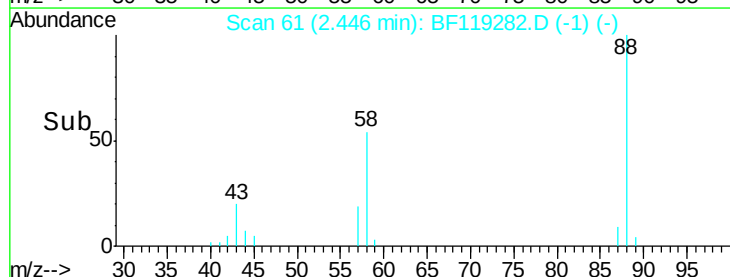
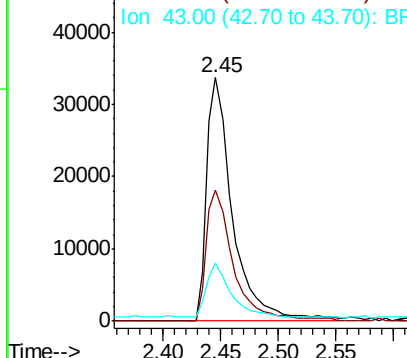
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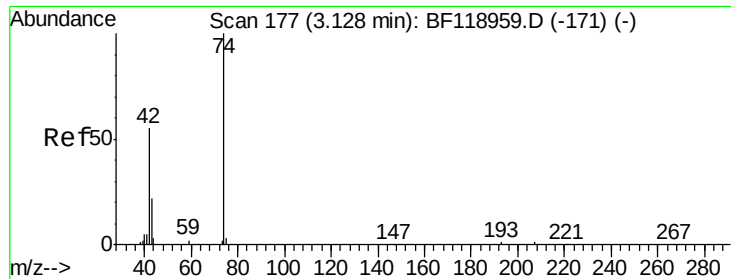
1,4-Dioxane
Concen: 16.276 ng
RT: 2.45 min Scan# 61
Delta R.T. 0.06 min
Lab File: BF119282.D
Acq: 9 Mar 2020 12:18

Tgt Ion: 88 Resp: 53129
Ion Ratio Lower Upper
88 100
58 56.5 43.8 65.6
43 20.6 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



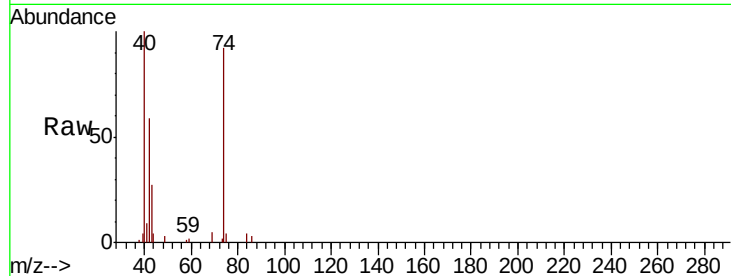


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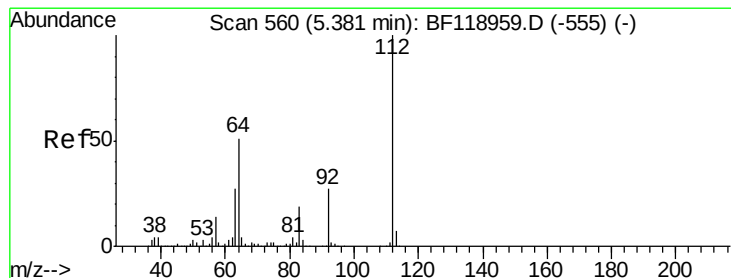
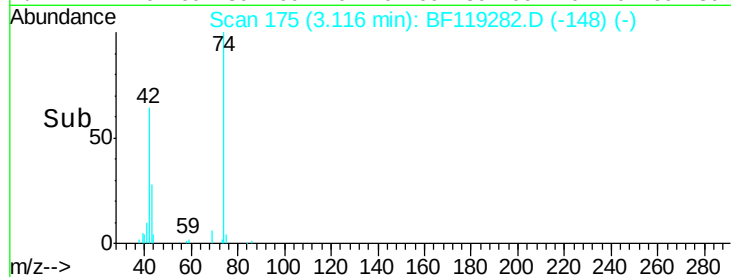
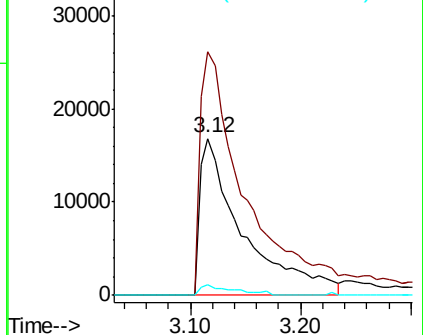
n-Nitrosodimethylamine
 Concen: 16.562 ng
 RT: 3.12 min Scan# 175
 Delta R.T. 0.06 min
 Lab File: BF119282.D
 Acq: 9 Mar 2020 12:18

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	42	Resp	44727
Ion	Ratio	Lower	Upper
42	100		
74	155.1	137.7	206.5
44	6.6	4.5	6.7



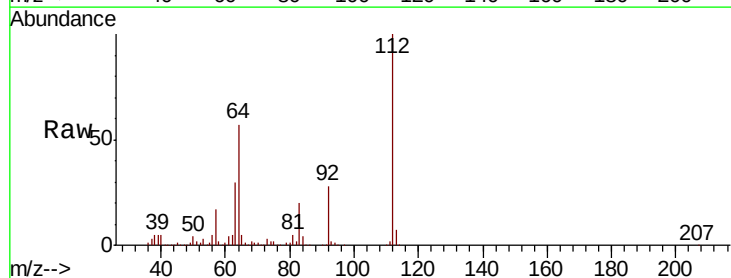
Abundance Ion 42.00 (41.70 to 42.70): BF1
 Ion 74.00 (73.70 to 74.70): BF1
 Ion 44.00 (43.70 to 44.70): BF1



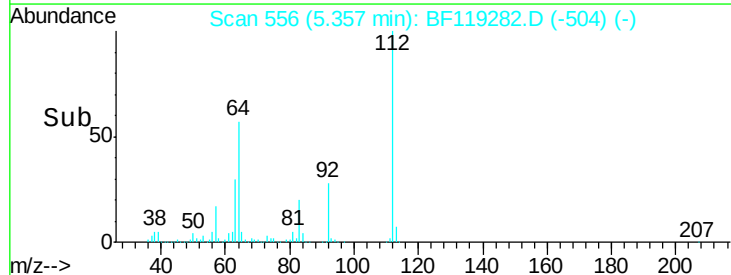
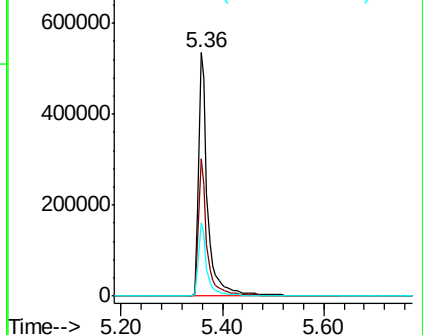
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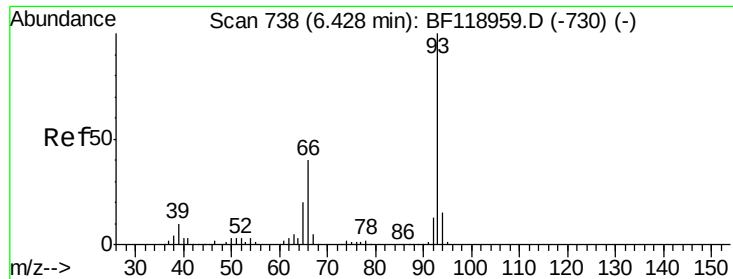
2-Fluorophenol
 Concen: 90.895 ng
 RT: 5.36 min Scan# 556
 Delta R.T. 0.01 min
 Lab File: BF119282.D
 Acq: 9 Mar 2020 12:18

Tgt Ion	112	Resp	666402
Ion	Ratio	Lower	Upper
112	100		
64	56.5	45.0	67.4
63	30.0	24.2	36.4



Abundance Ion 112.00 (111.70 to 112.70): BF1
 Ion 64.00 (63.70 to 64.70): BF1
 Ion 63.00 (62.70 to 63.70): BF1





#6

Aniline

Concen: 31.894 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.07 min

Lab File: BF119282.D

Acq: 9 Mar 2020 12:18

Instrument :

BNA_F

ClientSampled :

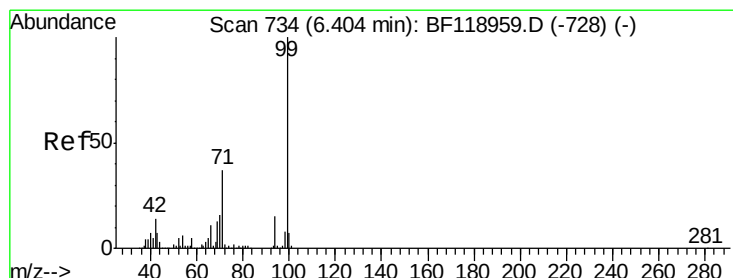
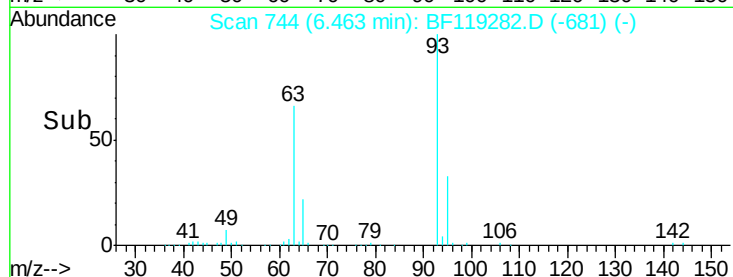
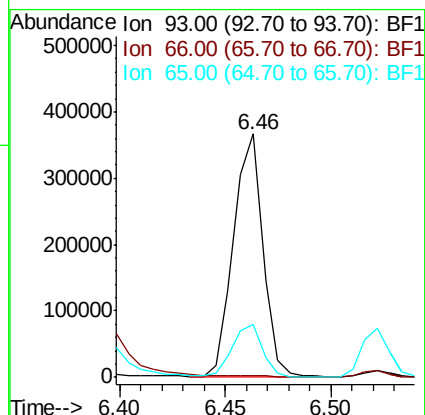
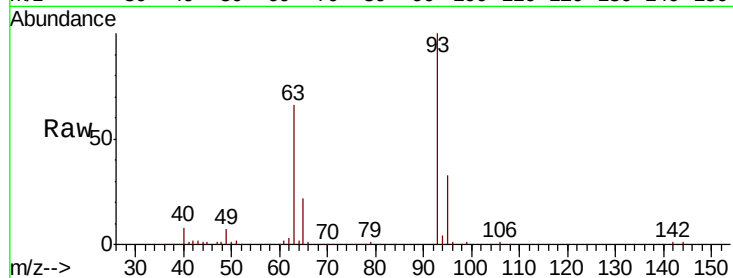
Tot Ion: 93 Resp: 350905

Ion Ratio Lower Upper

93 100

66 0.8 74.5 111.7#

65 21.7 45.3 67.9#



#7

Phenol-d6

Concen: 61.951 ng

RT: 6.38 min Scan# 730

Delta R.T. 0.00 min

Lab File: BF119282.D

Acq: 9 Mar 2020 12:18

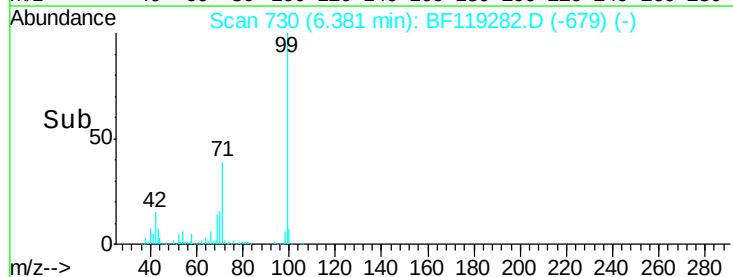
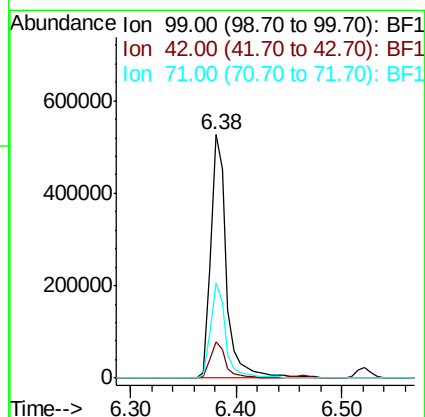
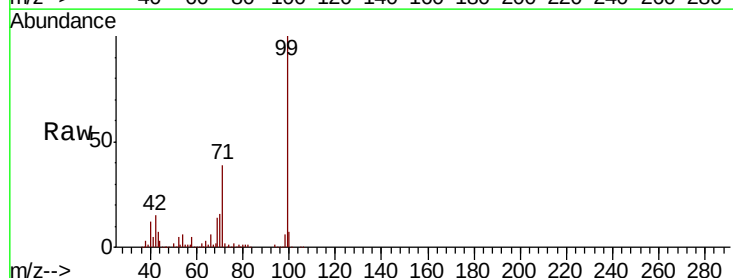
Tgt Ion: 99 Resp: 552394

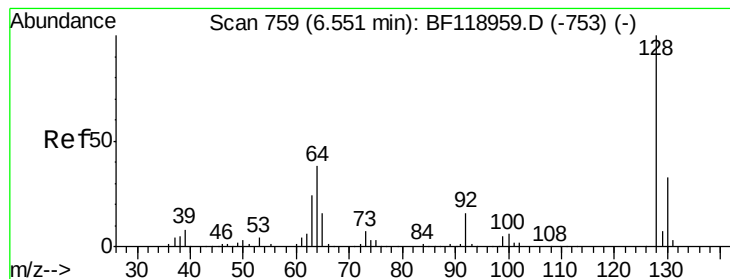
Ion Ratio Lower Upper

99 100

42 15.0 12.6 18.8

71 39.3 31.0 46.4





#8

2-Chlorophenol

Concen: 48.529 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.00 min

Lab File: BF119282.D

Acq: 9 Mar 2020 12:18

Instrument :

BNA_F

ClientSampleId :

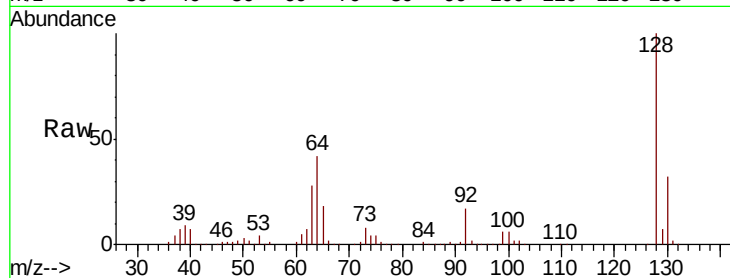
Tot Ion:128 Resp: 383969

Ion Ratio Lower Upper

128 100

130 32.5 12.7 52.7

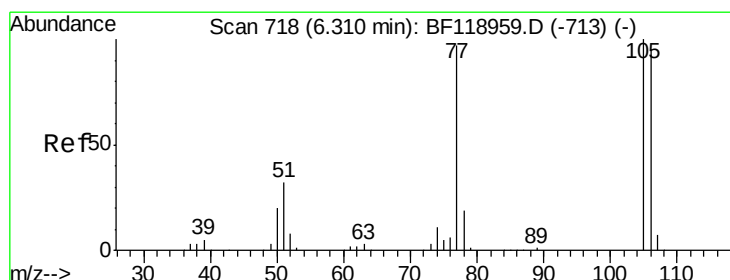
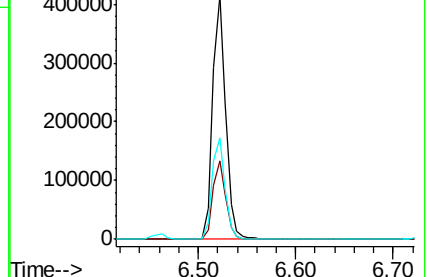
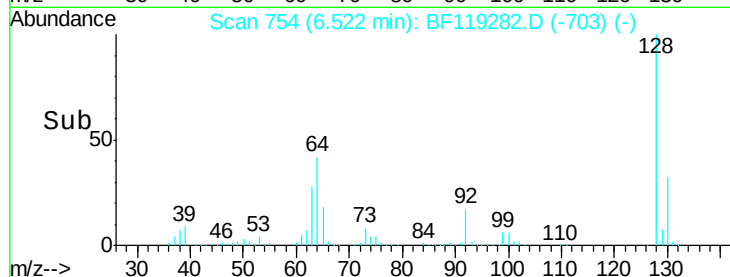
64 41.7 22.3 62.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1



#9

Benzaldehyde

Concen: 30.145 ng

RT: 6.27 min Scan# 712

Delta R.T. -0.01 min

Lab File: BF119282.D

Acq: 9 Mar 2020 12:18

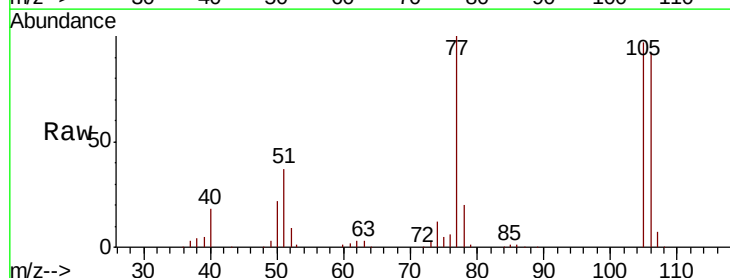
Tgt Ion: 77 Resp: 179585

Ion Ratio Lower Upper

77 100

105 97.2 80.1 120.1

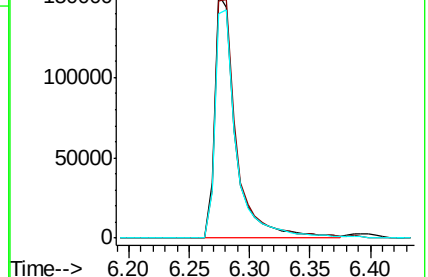
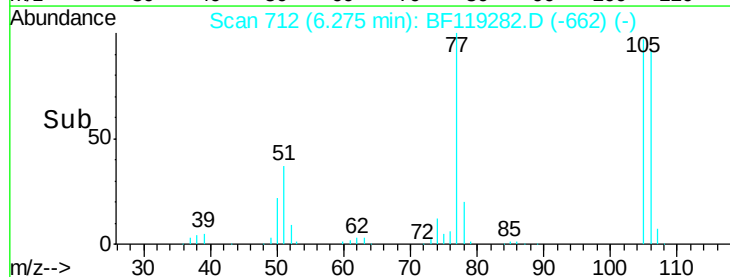
106 92.2 75.9 115.9

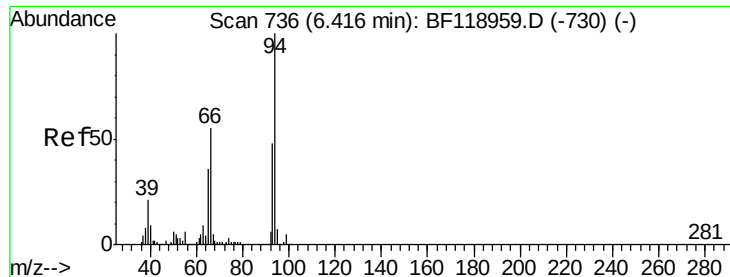


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 22.027 ng

RT: 6.39 min Scan# 732

Delta R.T. 0.00 min

Lab File: BF119282.D

Acq: 9 Mar 2020 12:18

Instrument :

BNA_F

ClientSampled :

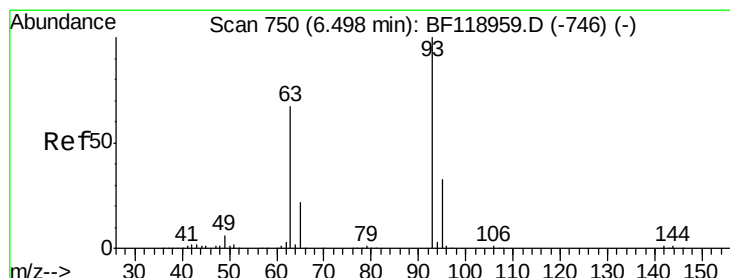
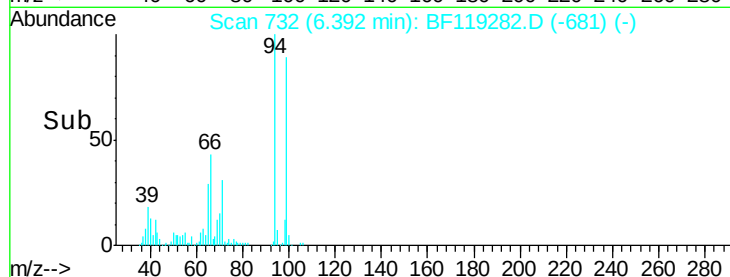
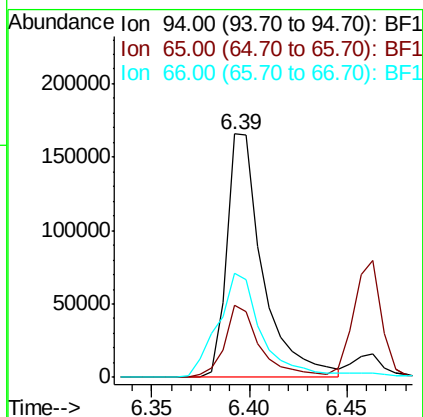
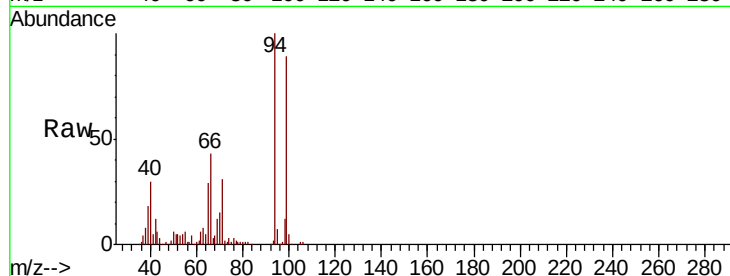
Tot Ion: 94 Resp: 212347

Ion Ratio Lower Upper

94 100

65 29.4 19.2 59.2

66 42.9 44.4 84.4#



#11

bis(2-Chloroethyl)ether

Concen: 47.572 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.00 min

Lab File: BF119282.D

Acq: 9 Mar 2020 12:18

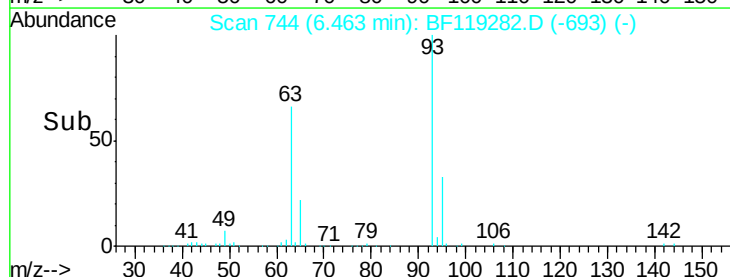
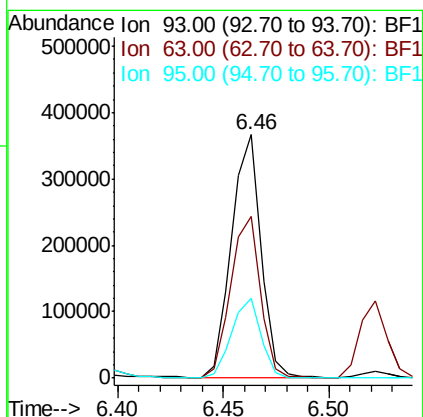
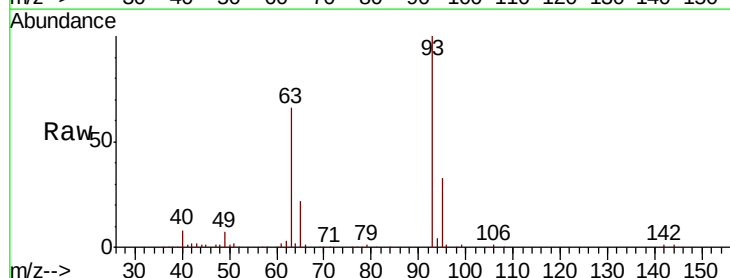
Tgt Ion: 93 Resp: 350905

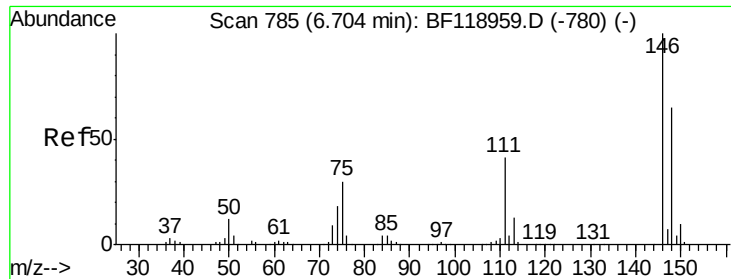
Ion Ratio Lower Upper

93 100

63 66.3 45.4 85.4

95 32.9 13.5 53.5

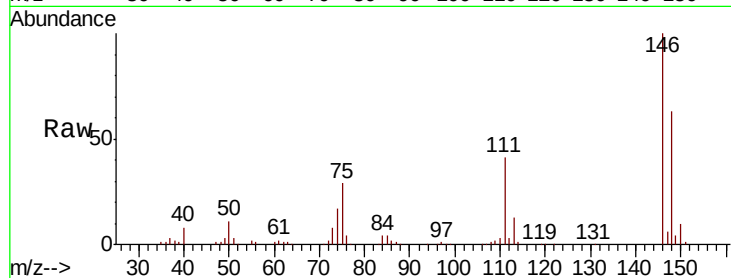




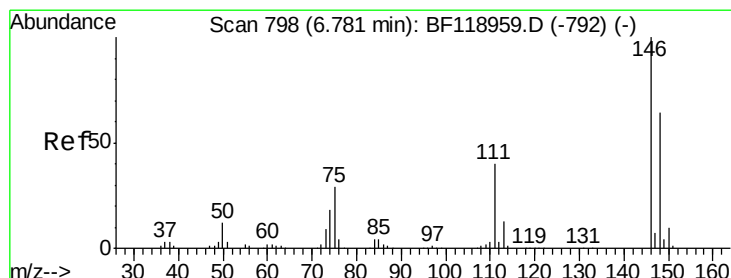
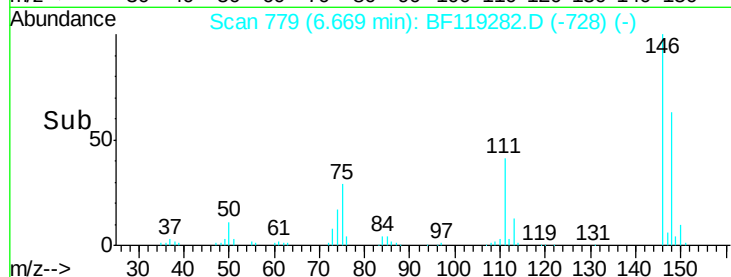
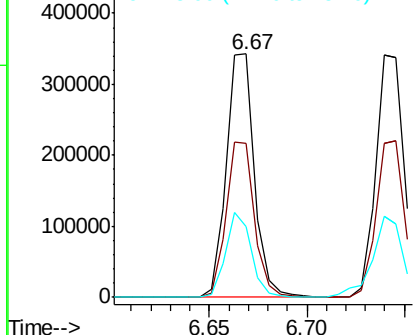
#12
 1,3-Dichlorobenzene
 Concen: 36.111 ng
 RT: 6.67 min Scan# 779
 Delta R.T. 0.00 min
 Lab File: BF119282.D
 Acq: 9 Mar 2020 12:18

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.4	52.5	78.7
75	29.0	23.6	35.4

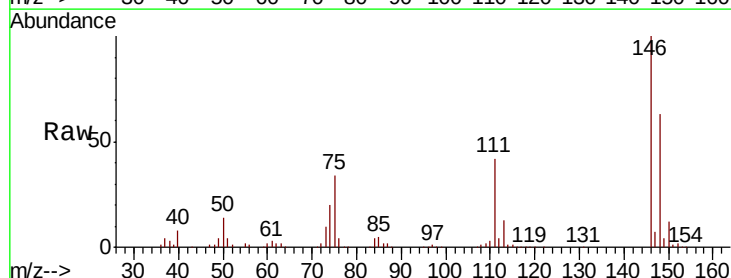


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 75.00 (74.70 to 75.70): BF1

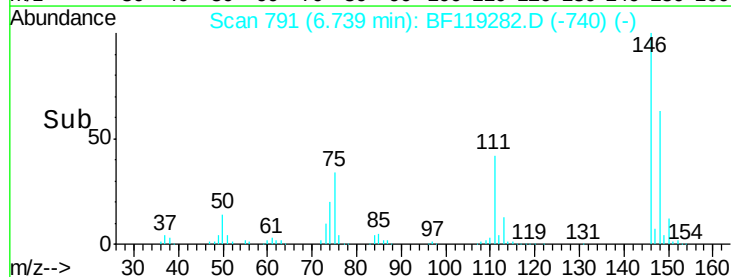
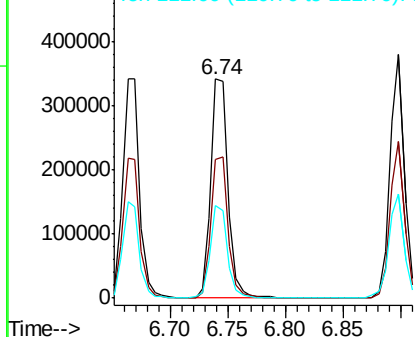


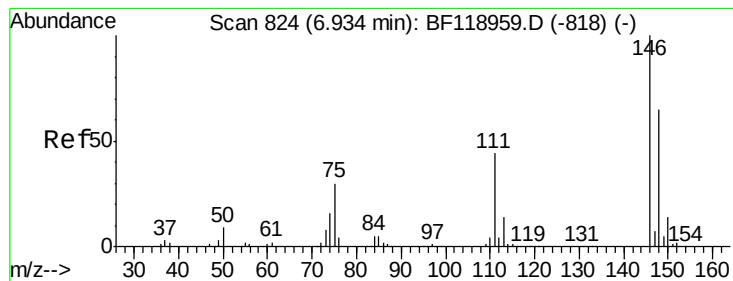
#13
 1,4-Dichlorobenzene
 Concen: 37.354 ng
 RT: 6.74 min Scan# 791
 Delta R.T. 0.00 min
 Lab File: BF119282.D
 Acq: 9 Mar 2020 12:18

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.3	51.1	76.7
111	42.2	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: 38.488 ng

RT: 6.90 min Scan# 818

Delta R.T. 0.00 min

Lab File: BF119282.D

Acq: 9 Mar 2020 12:18

Instrument :

BNA_F

ClientSampled :

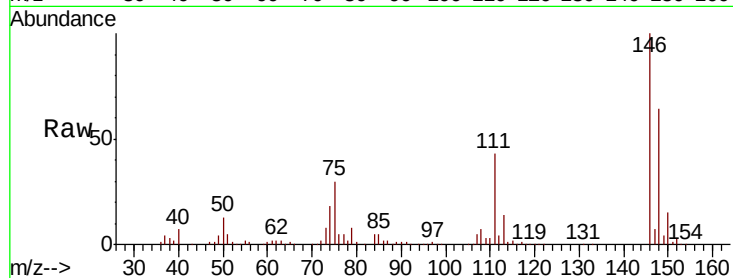
Tot Ion:146 Resp: 333105

Ion Ratio Lower Upper

146 100

148 64.2 51.9 77.9

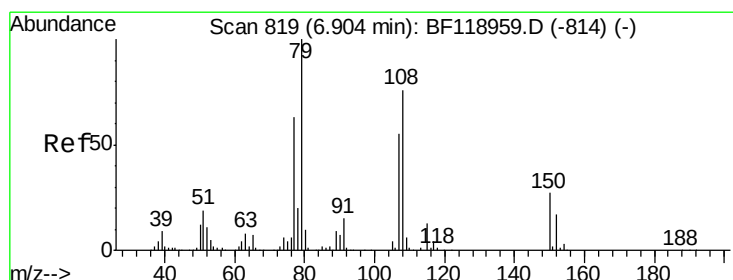
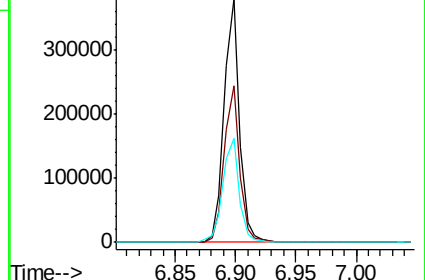
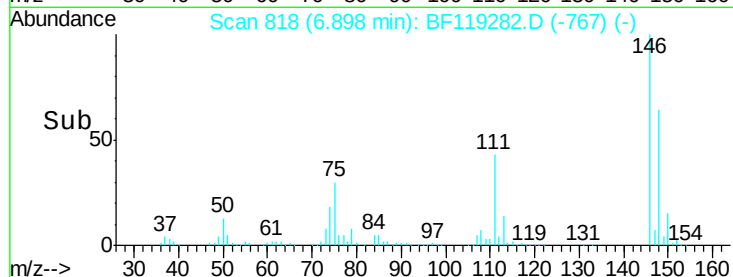
111 42.8 36.2 54.2



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: 32.860 ng

RT: 6.88 min Scan# 815

Delta R.T. 0.00 min

Lab File: BF119282.D

Acq: 9 Mar 2020 12:18

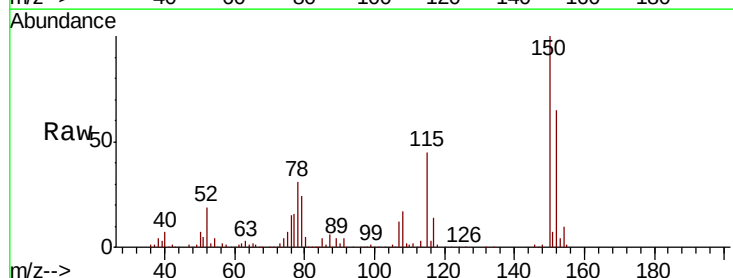
Tgt Ion: 79 Resp: 211760

Ion Ratio Lower Upper

79 100

108 70.4 58.2 87.2

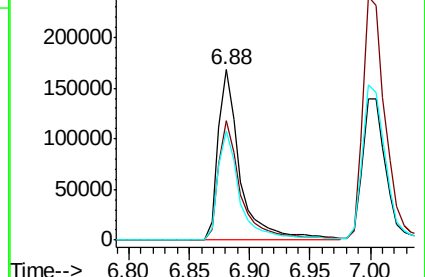
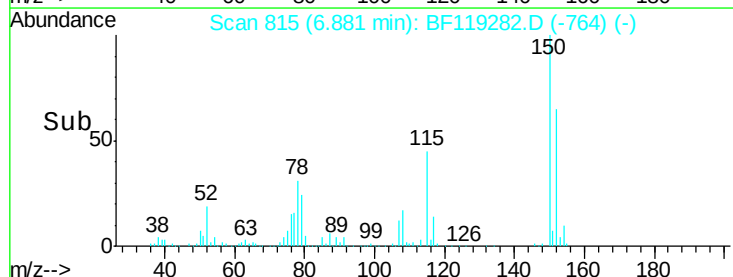
77 64.1 51.2 76.8

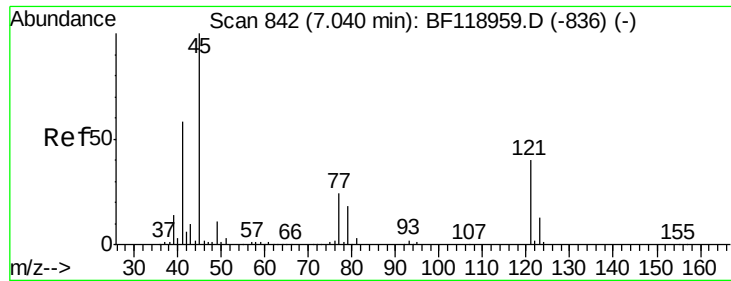


Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

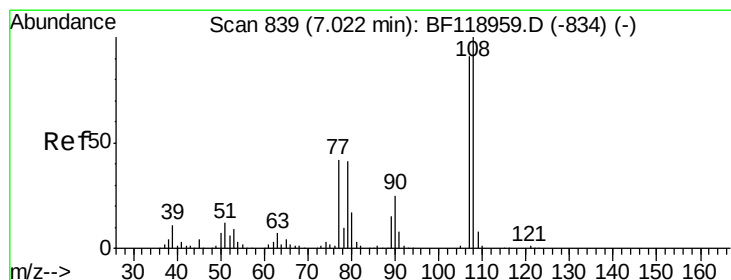
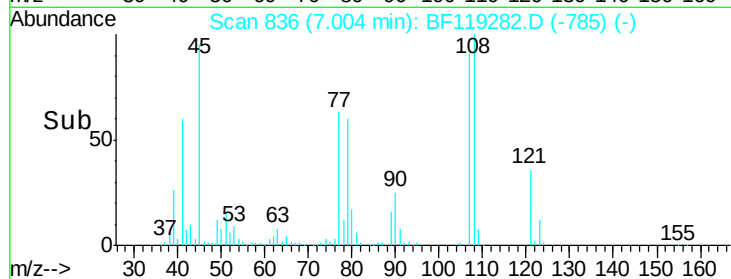
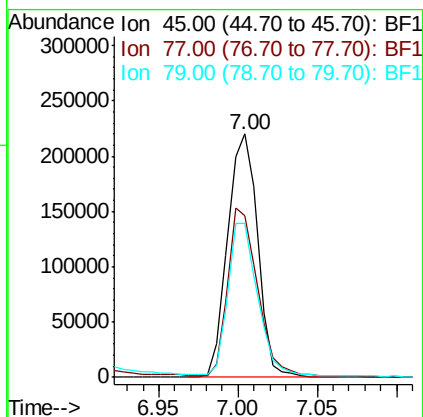
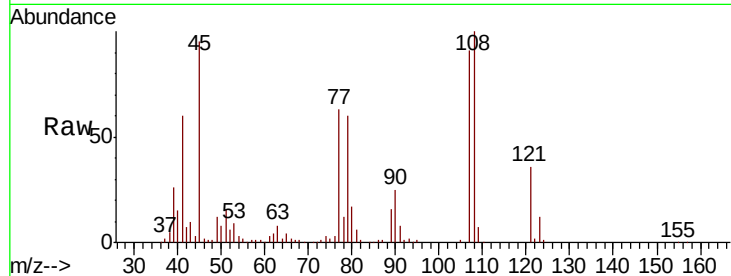




#16
2,2'-oxvbis(1-Chloropropane)
Concen: 45.010 ng
RT: 7.00 min Scan# 836
Delta R.T. 0.00 min
Lab File: BF119282.D
Acq: 9 Mar 2020 12:18

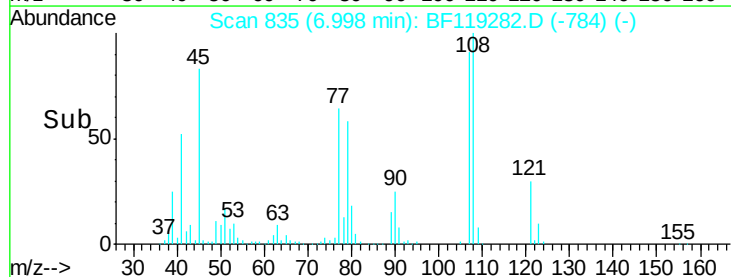
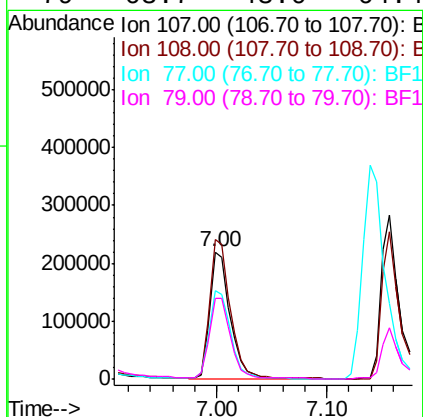
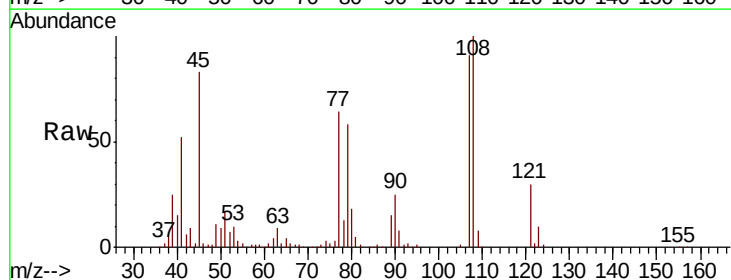
Instrument :
BNA_F
ClientSampleId :

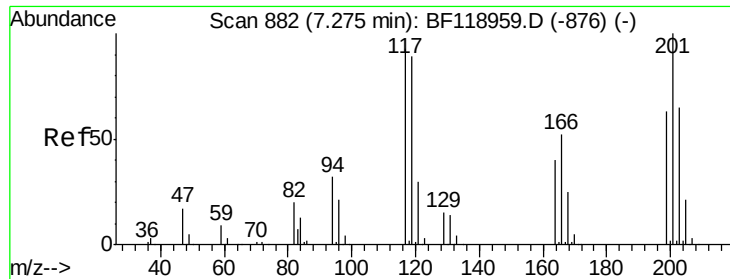
Tot Ion: 45 Resp: 287603
Ion Ratio Lower Upper
45 100
77 66.3 15.0 55.0#
79 63.5 9.4 49.4#



#17
2-Methylphenol
Concen: 43.058 ng
RT: 7.00 min Scan# 835
Delta R.T. 0.00 min
Lab File: BF119282.D
Acq: 9 Mar 2020 12:18

Tgt Ion:107 Resp: 276212
Ion Ratio Lower Upper
107 100
108 109.7 87.9 131.9
77 69.7 45.3 67.9#
79 63.7 43.0 64.4

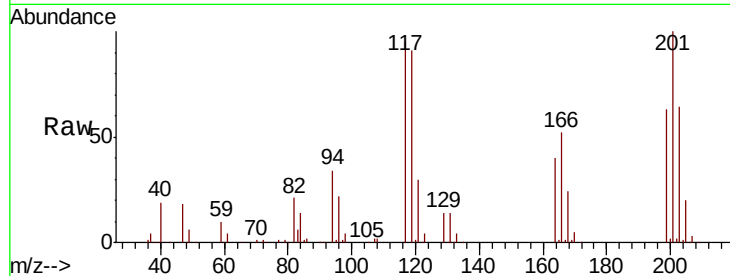




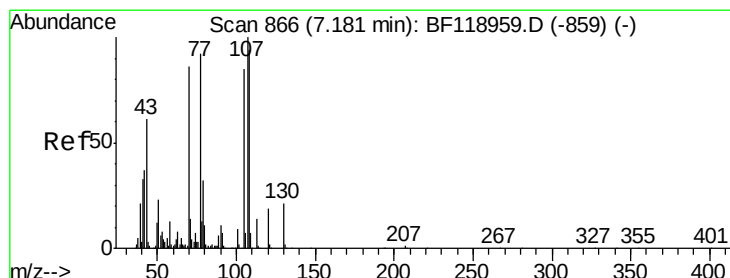
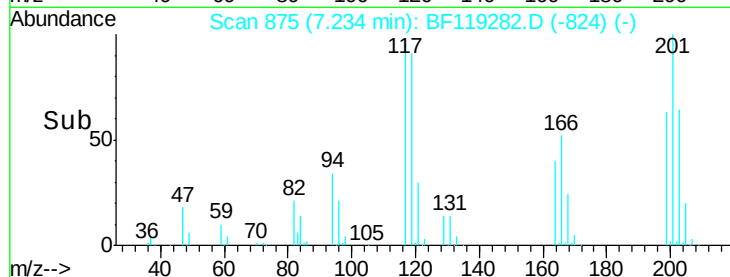
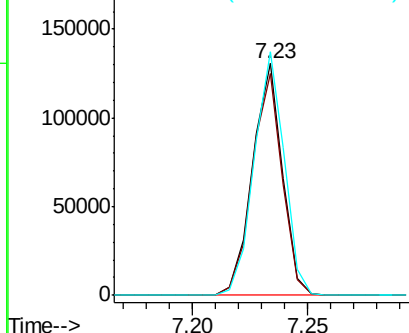
#18
Hexachloroethane
Concen: 34.791 ng
RT: 7.23 min Scan# 875
Delta R.T. 0.00 min
Lab File: BF119282.D
Acq: 9 Mar 2020 12:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion:117 Resp: 118119
Ion Ratio Lower Upper
117 100
119 95.6 77.5 116.3
201 105.0 82.6 123.8

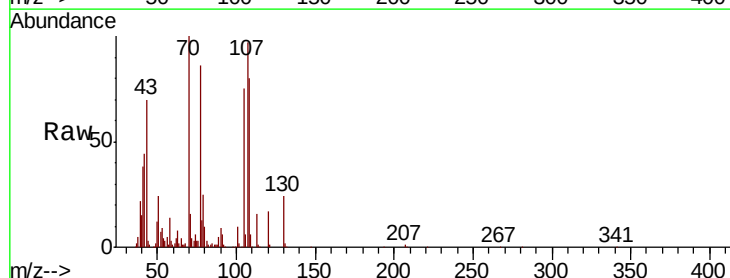


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

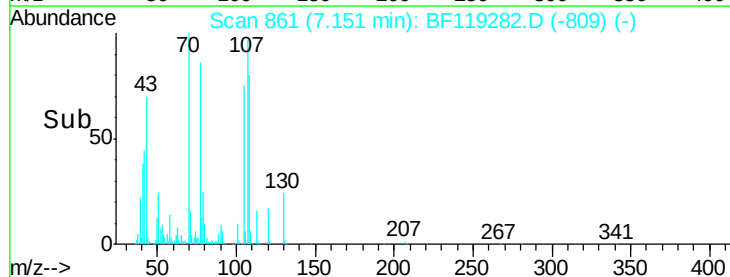
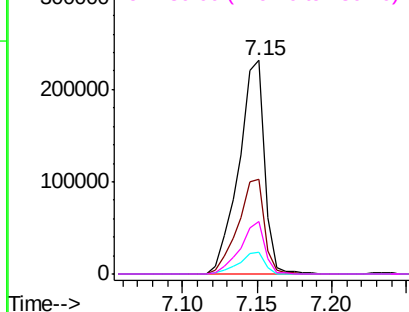


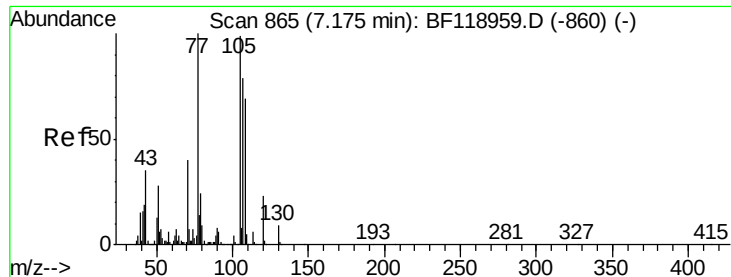
#19
n-Nitroso-di-n-propylamine
Concen: 53.544 ng
RT: 7.15 min Scan# 861
Delta R.T. 0.01 min
Lab File: BF119282.D
Acq: 9 Mar 2020 12:18

Tgt Ion: 70 Resp: 278199
Ion Ratio Lower Upper
70 100
42 44.1 38.0 57.0
101 10.1 8.2 12.4
130 24.4 18.2 27.4



Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E





#20

3+4-Methylphenols

Concen: 42.741 ng

RT: 7.16 min Scan# 862

Delta R.T. 0.01 min

Lab File: BF119282.D

Acq: 9 Mar 2020 12:18

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 335901

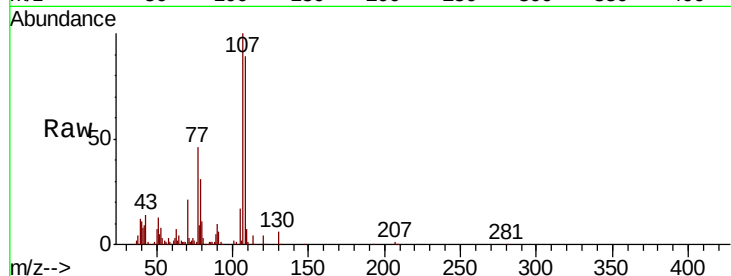
Ion Ratio Lower Upper

107 100

108 89.4 71.5 111.5

77 46.0 45.9 85.9

79 31.1 13.8 53.8

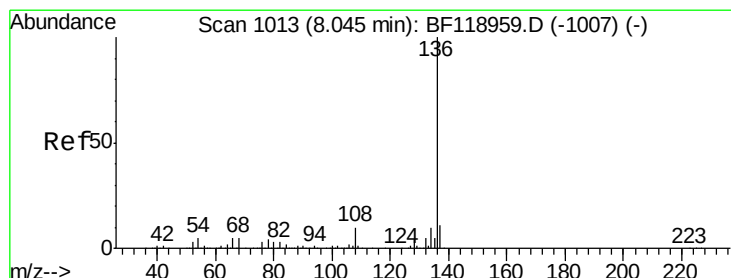
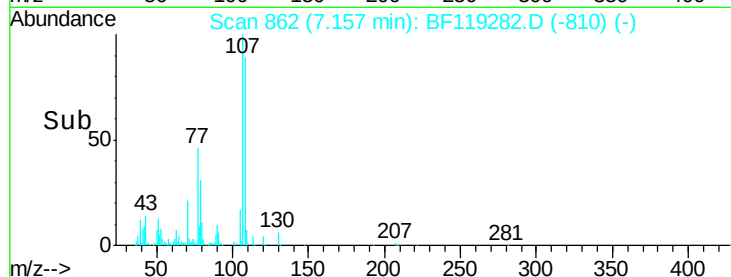
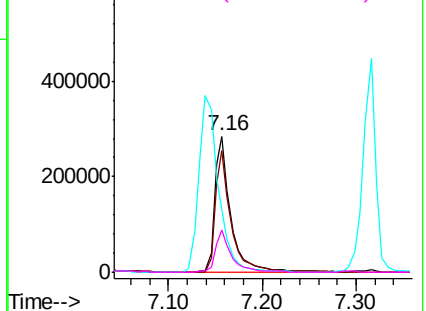


Abundance Ion 107.00 (106.70 to 107.70): E

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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.01 min Scan# 1007

Delta R.T. 0.00 min

Lab File: BF119282.D

Acq: 9 Mar 2020 12:18

Tgt Ion:136 Resp: 485335

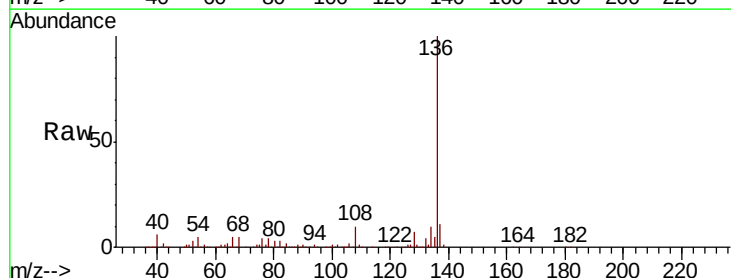
Ion Ratio Lower Upper

136 100

137 10.9 8.8 13.2

54 4.9 3.8 5.6

68 5.2 3.9 5.9

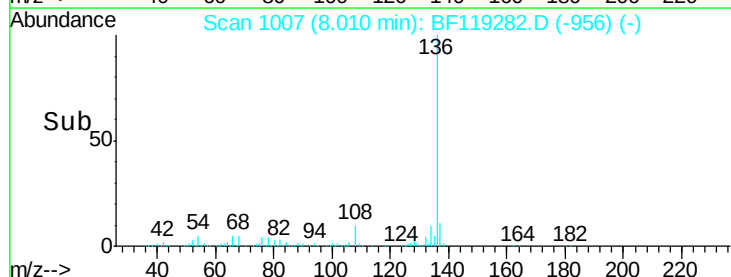
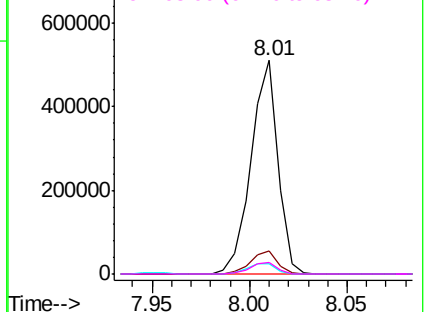


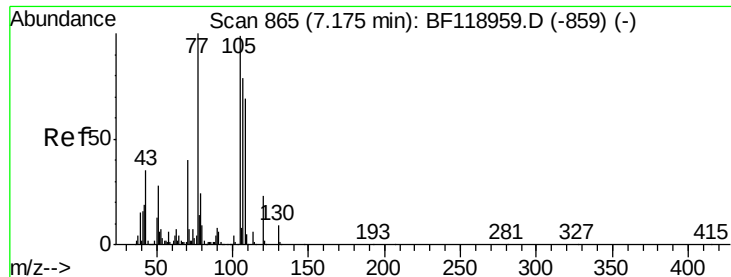
Abundance Ion 136.00 (135.70 to 136.70): E

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: 49.450 ng

RT: 7.14 min Scan# 859

Delta R.T. 0.00 min

Lab File: BF119282.D

Acq: 9 Mar 2020 12:18

Instrument :

BNA_F

ClientSampleId :

Tot Ion:105 Resp: 555295

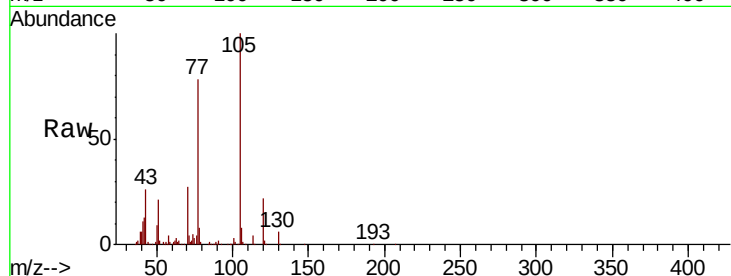
Ion Ratio Lower Upper

105 100

71 4.4 3.0 4.4

51 20.6 20.1 30.1

120 22.3 18.0 27.0

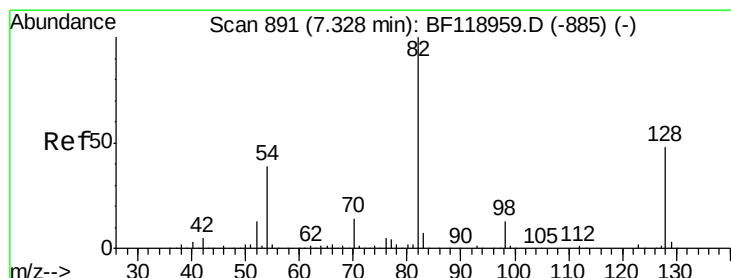
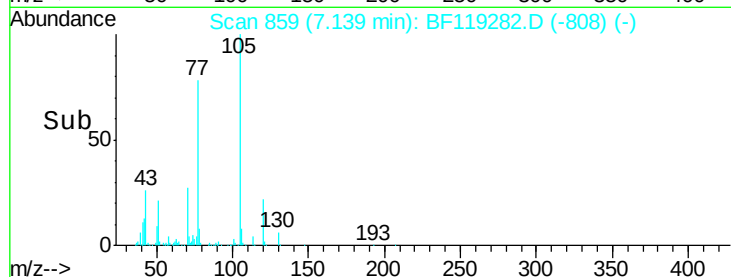
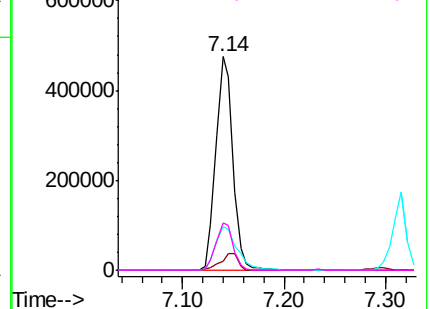


Abundance Ion 105.00 (104.70 to 105.70): E

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: 87.064 ng

RT: 7.30 min Scan# 886

Delta R.T. 0.01 min

Lab File: BF119282.D

Acq: 9 Mar 2020 12:18

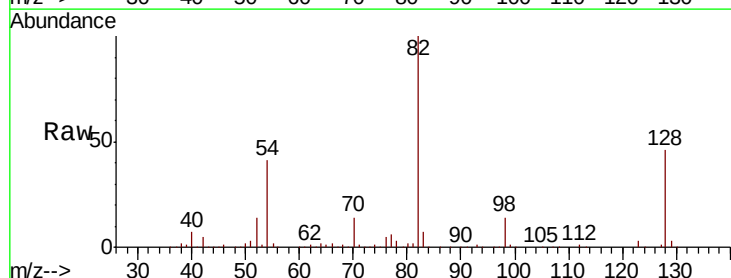
Tgt Ion: 82 Resp: 800290

Ion Ratio Lower Upper

82 100

128 46.4 37.9 56.9

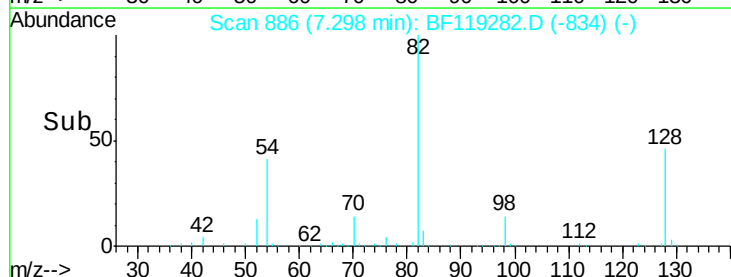
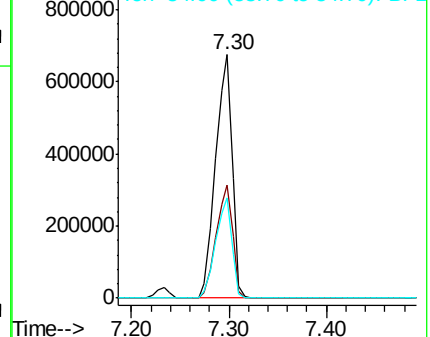
54 41.1 33.4 50.2

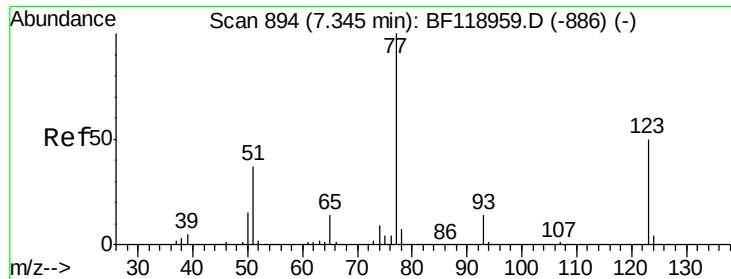


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

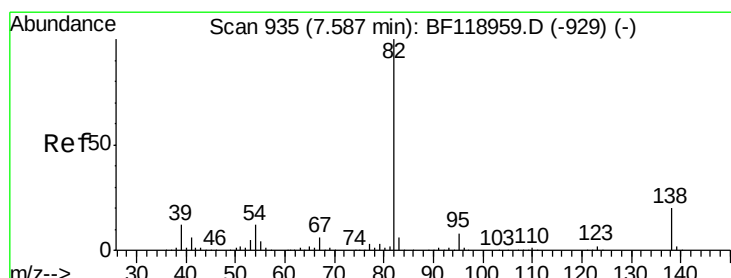
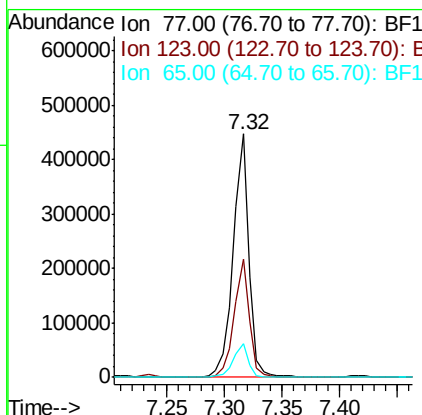
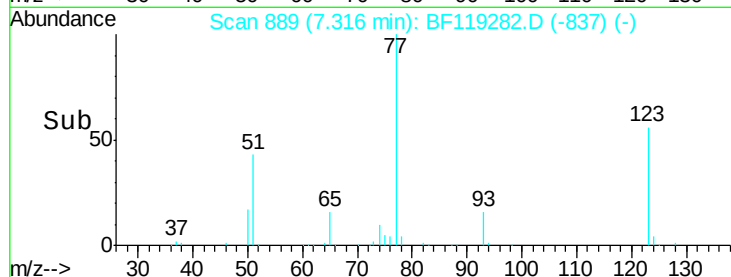
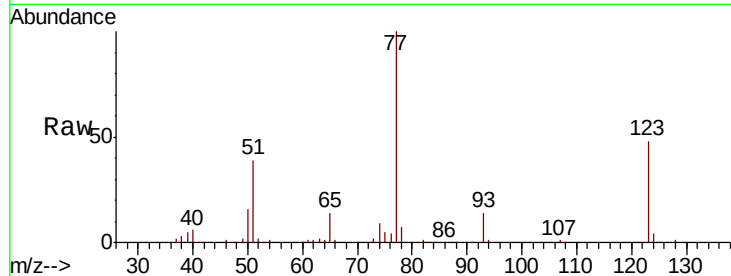




#24
 Nitrobenzene
 Concen: 45.844 ng
 RT: 7.32 min Scan# 889
 Delta R.T. 0.01 min
 Lab File: BF119282.D
 Acq: 9 Mar 2020 12:18

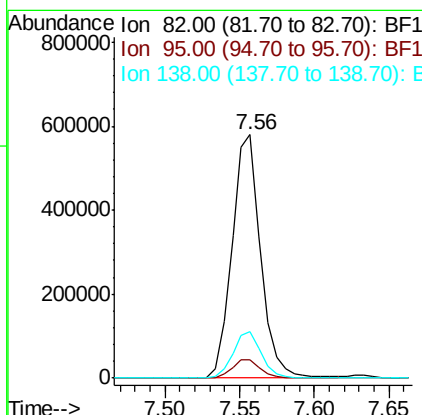
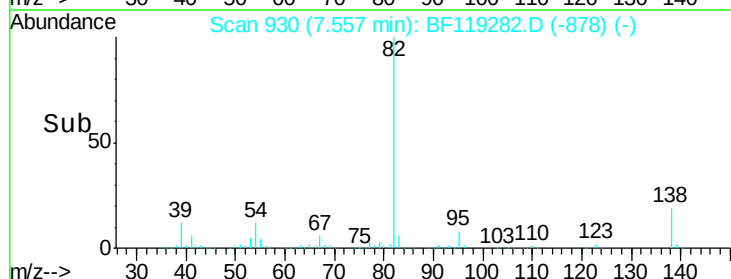
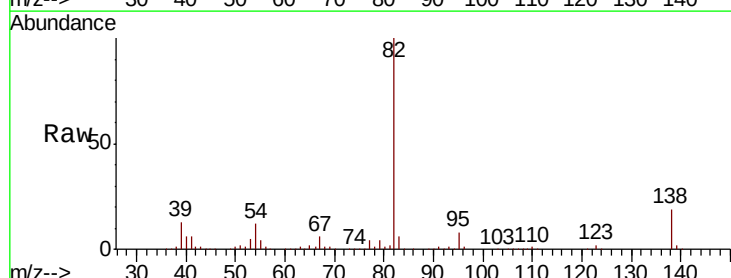
Instrument :
 BNA_F
 ClientSampled :

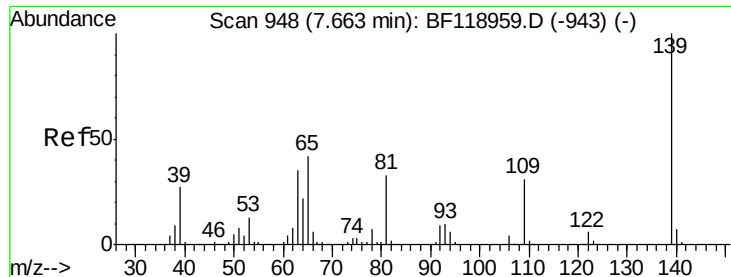
Tot Ion: 77 Resp: 416718
 Ion Ratio Lower Upper
 77 100
 123 48.4 40.2 60.2
 65 13.8 10.8 16.2



#25
 Isophorone
 Concen: 48.548 ng
 RT: 7.56 min Scan# 930
 Delta R.T. 0.01 min
 Lab File: BF119282.D
 Acq: 9 Mar 2020 12:18

Tgt Ion: 82 Resp: 775005
 Ion Ratio Lower Upper
 82 100
 95 7.8 6.4 9.6
 138 19.0 15.7 23.5

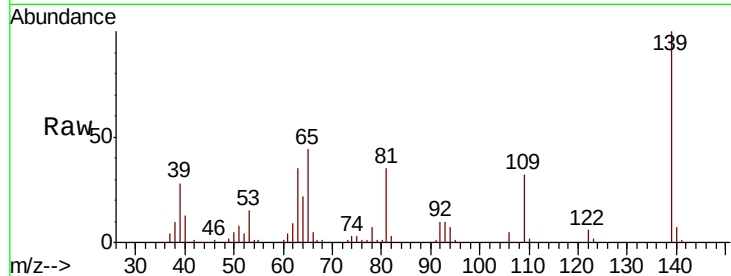




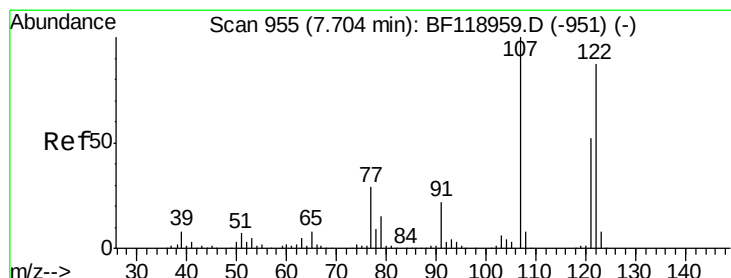
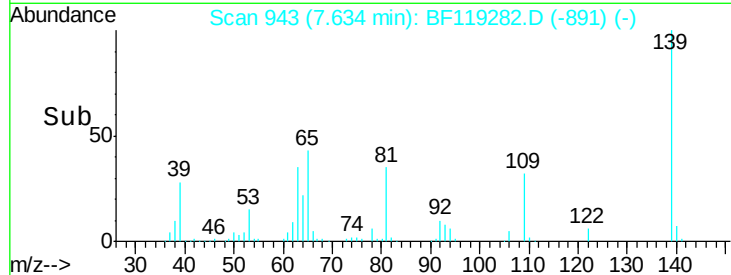
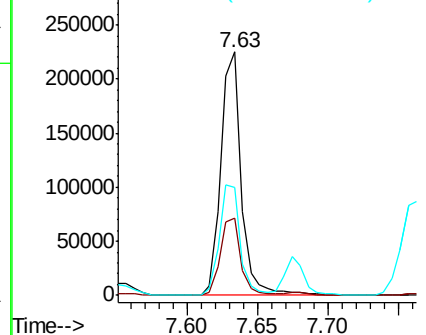
#26
2-Nitrophenol
Concen: 47.162 ng
RT: 7.63 min Scan# 943
Delta R.T. 0.01 min
Lab File: BF119282.D
Acq: 9 Mar 2020 12:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
139	100		
109	31.5	25.7	38.5
65	44.4	37.1	55.7

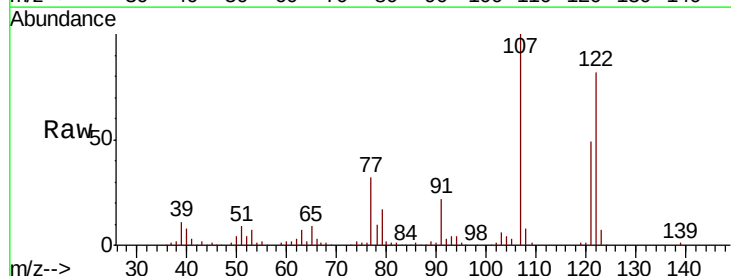


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

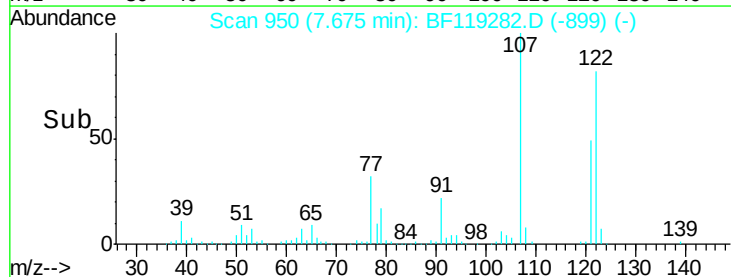
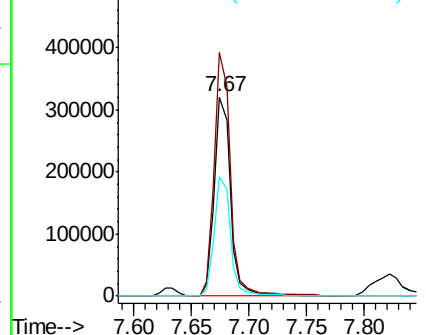


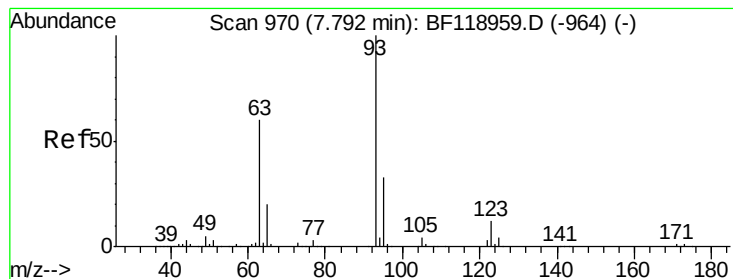
#27
2,4-Dimethylphenol
Concen: 48.163 ng
RT: 7.67 min Scan# 950
Delta R.T. 0.00 min
Lab File: BF119282.D
Acq: 9 Mar 2020 12:18

Tgt Ion	Ratio	Lower	Upper
122	100		
107	122.1	93.8	140.6
121	59.7	48.2	72.2



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E





#28

bis(2-Chloroethoxy)methane

Concen: 44.117 ng

RT: 7.76 min Scan# 965

Delta R.T. 0.01 min

Lab File: BF119282.D

Acq: 9 Mar 2020 12:18

Instrument :

BNA_F

ClientSampled :

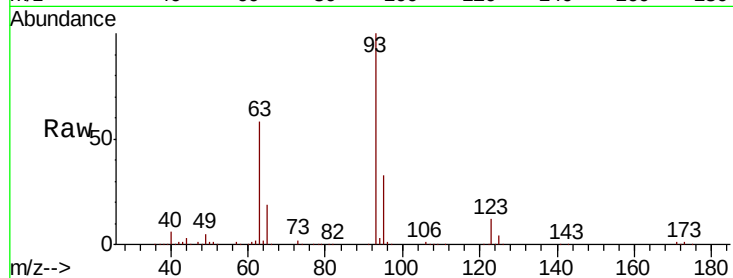
Tot Ion: 93 Resp: 458407

Ion Ratio Lower Upper

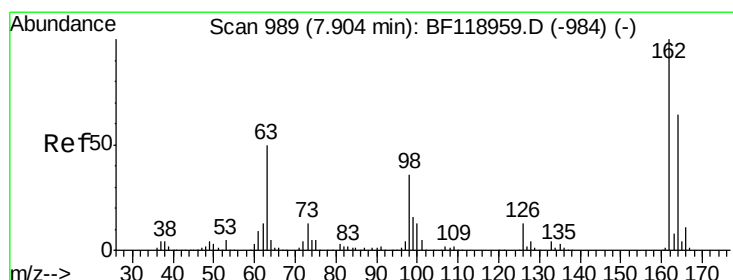
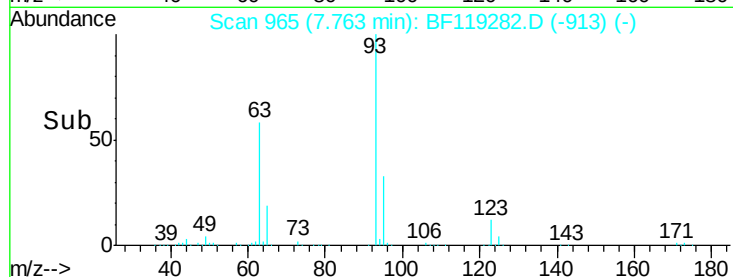
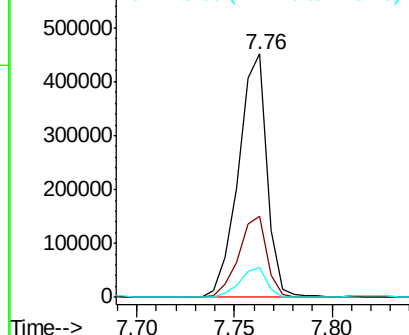
93 100

95 33.2 26.5 39.7

123 12.3 10.2 15.2



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 123.00 (122.70 to 123.70): BF1



#29

2,4-Dichlorophenol

Concen: 46.448 ng

RT: 7.88 min Scan# 985

Delta R.T. 0.00 min

Lab File: BF119282.D

Acq: 9 Mar 2020 12:18

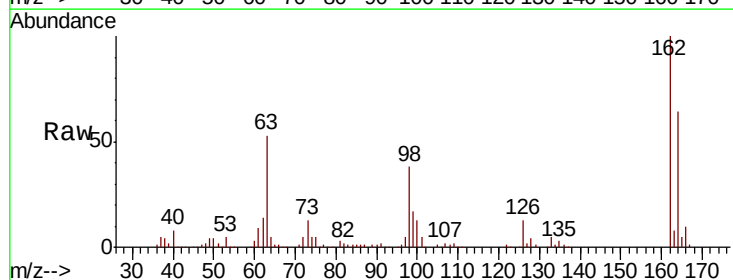
Tgt Ion:162 Resp: 357421

Ion Ratio Lower Upper

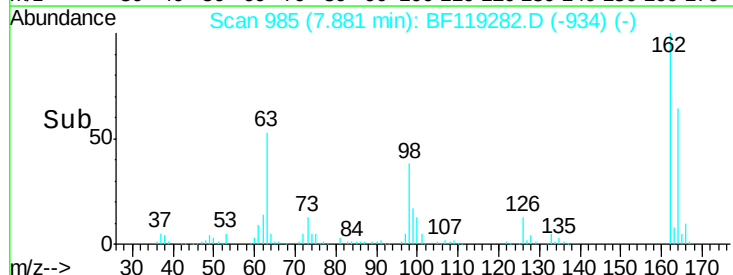
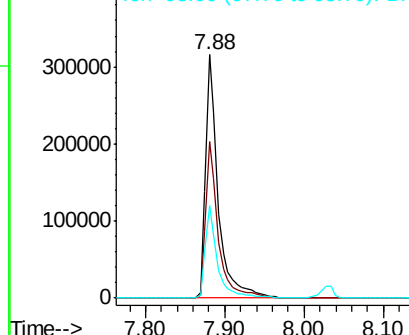
162 100

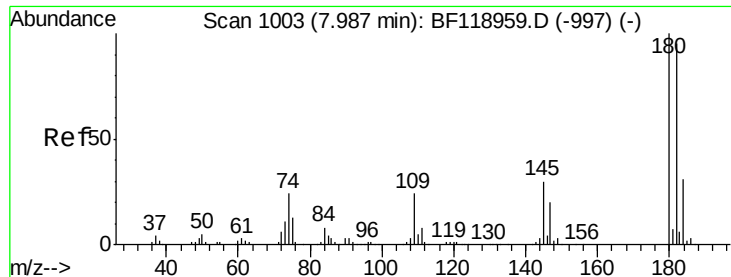
164 64.3 45.2 85.2

98 38.1 17.4 57.4



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

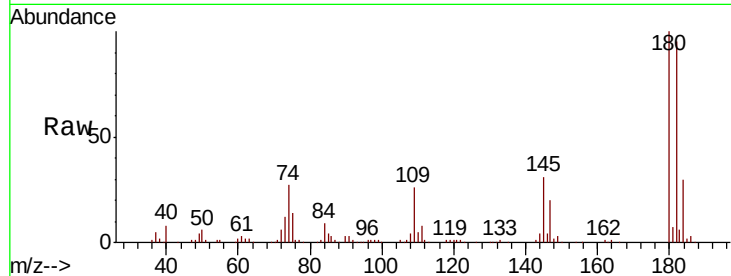




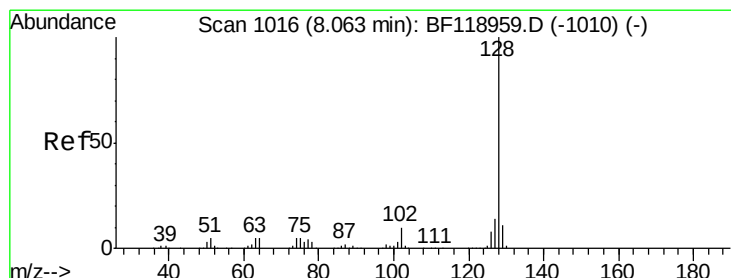
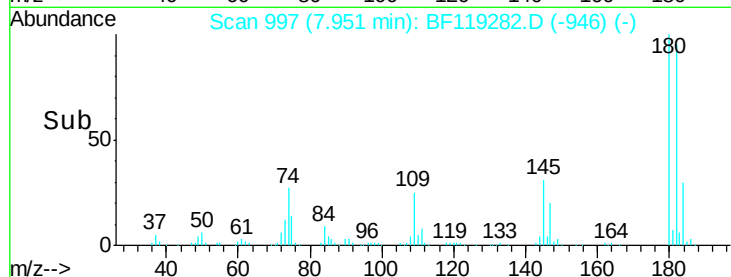
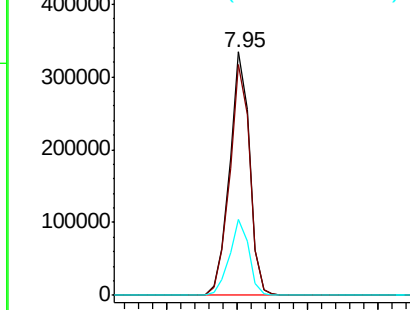
#30
1,2,4-Trichlorobenzene
Concen: 36.075 ng
RT: 7.95 min Scan# 997
Delta R.T. 0.00 min
Lab File: BF119282.D
Acq: 9 Mar 2020 12:18

Instrument :
BNA_F
ClientSampled :

Tot Ion:180 Resp: 329131
Ion Ratio Lower Upper
180 100
182 94.9 77.8 116.6
145 31.2 25.2 37.8

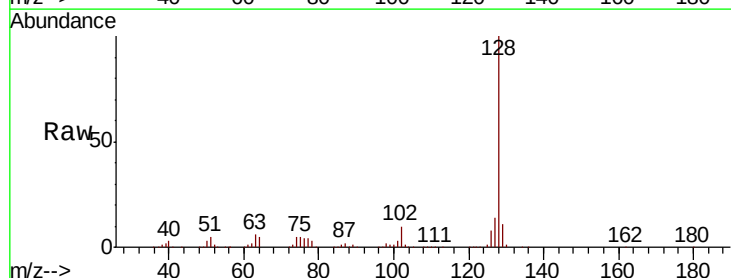


Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E

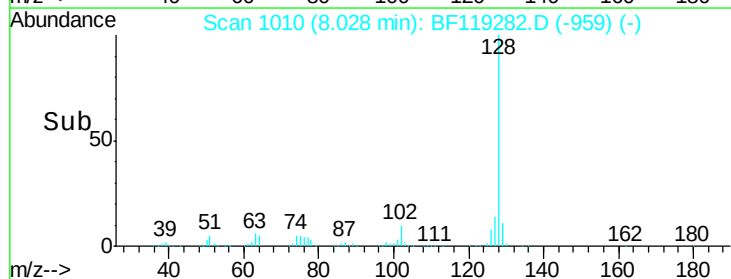
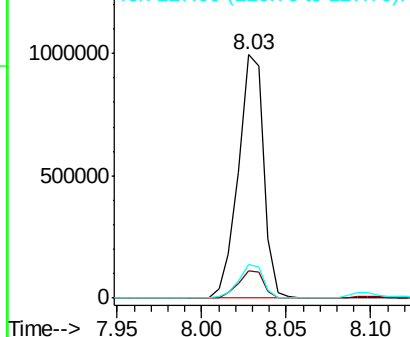


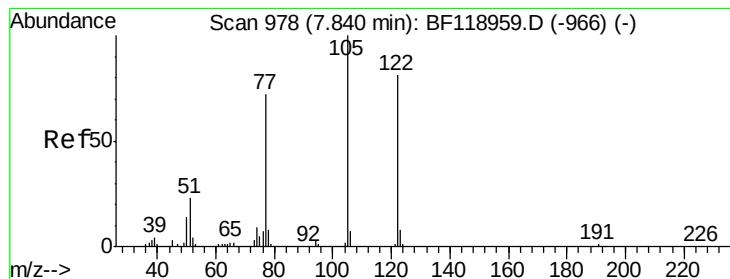
#31
Naphthalene
Concen: 41.576 ng
RT: 8.03 min Scan# 1010
Delta R.T. 0.00 min
Lab File: BF119282.D
Acq: 9 Mar 2020 12:18

Tgt Ion:128 Resp: 1046487
Ion Ratio Lower Upper
128 100
129 11.4 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: 19.712 ng

RT: 7.82 min Scan# 975

Delta R.T. -0.02 min

Lab File: BF119282.D

Acq: 9 Mar 2020 12:18

Instrument :

BNA_F

ClientSampled :

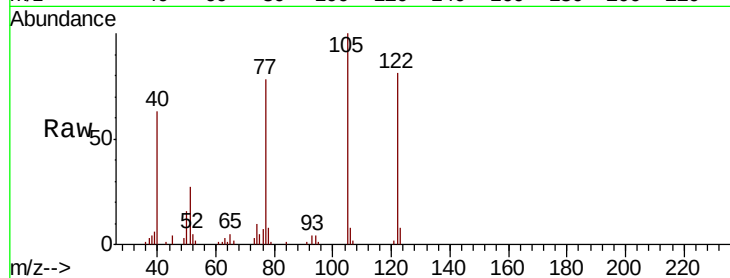
Tot Ion:122 Resp: 72202

Ion Ratio Lower Upper

122 100

105 123.5 106.3 146.3

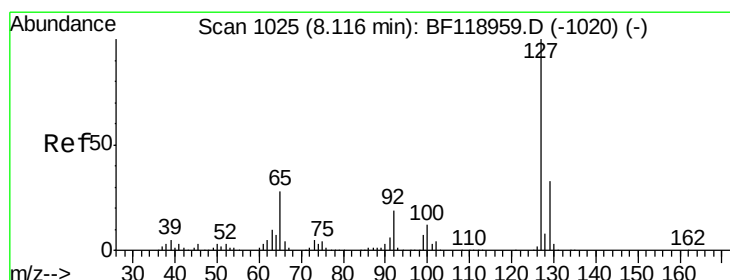
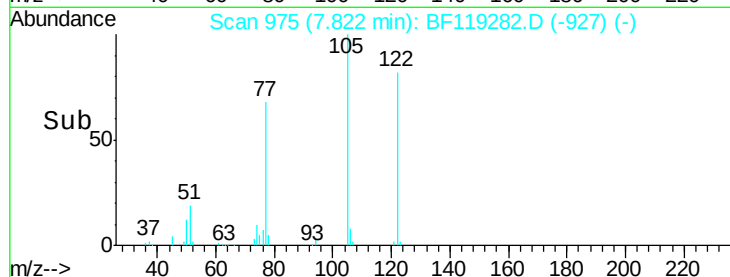
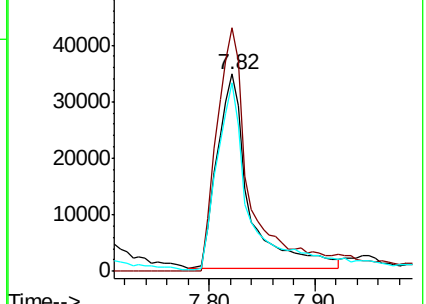
77 95.9 73.1 113.1



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: 3.289 ng

RT: 8.09 min Scan# 1021

Delta R.T. 0.01 min

Lab File: BF119282.D

Acq: 9 Mar 2020 12:18

Tgt Ion:127 Resp: 35603

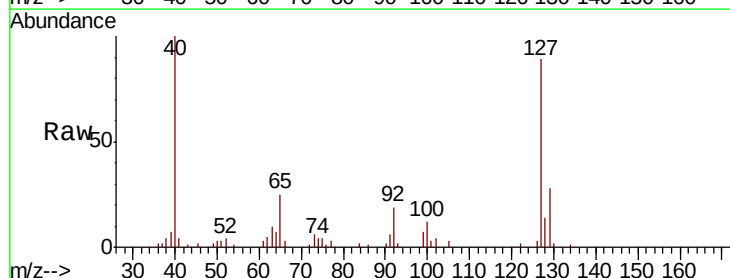
Ion Ratio Lower Upper

127 100

129 31.4 25.9 38.9

65 28.5 23.9 35.9

92 21.0 16.3 24.5

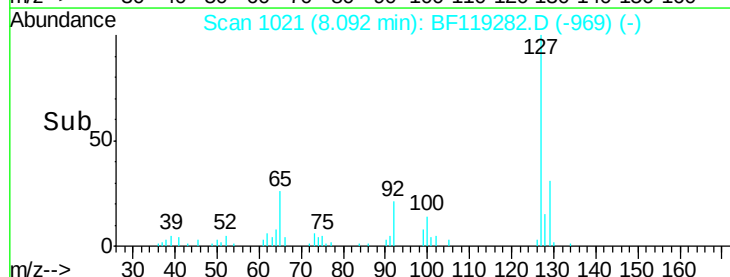
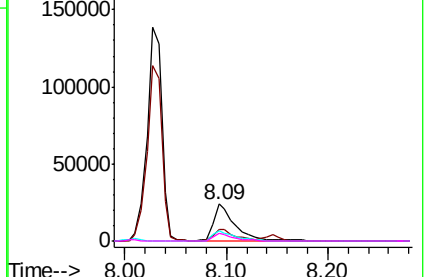


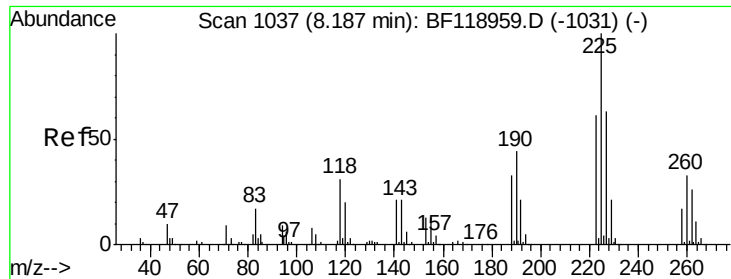
Abundance Ion 127.00 (126.70 to 127.70): E

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

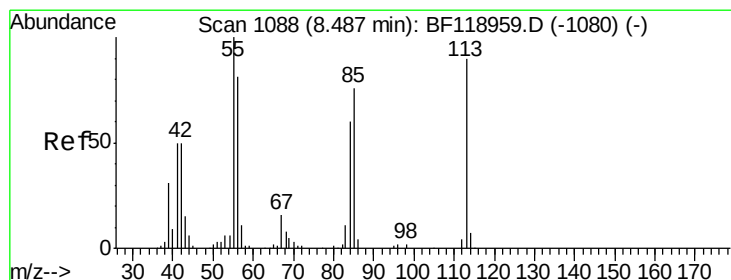
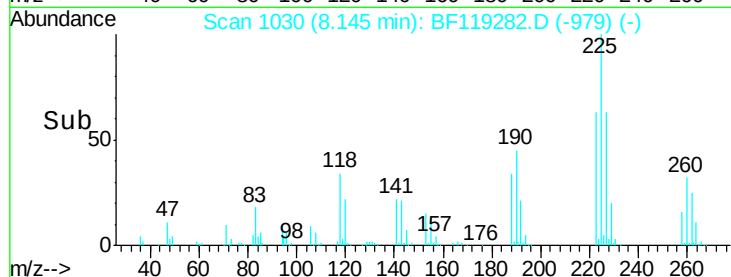
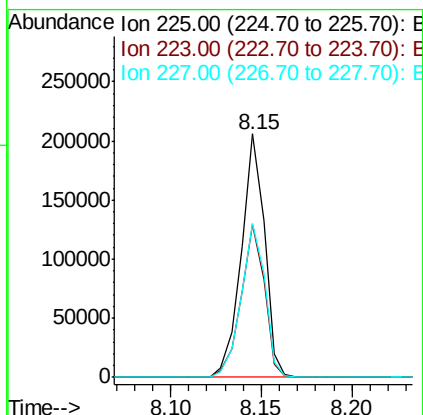
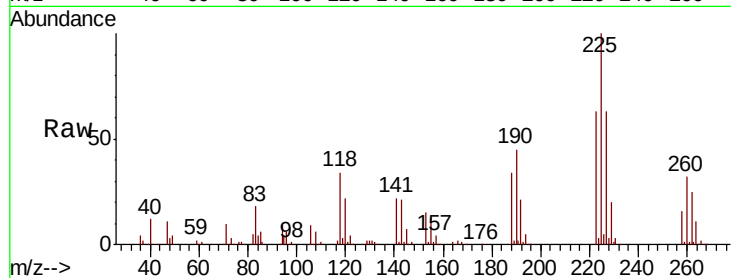




#34
Hexachlorobutadiene
Concen: 32.232 ng
RT: 8.15 min Scan# 1030
Delta R.T. 0.00 min
Lab File: BF119282.D
Acq: 9 Mar 2020 12:18

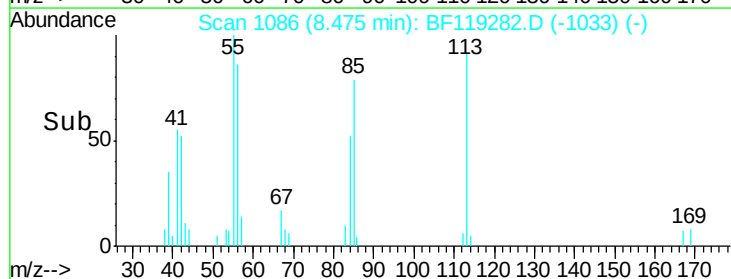
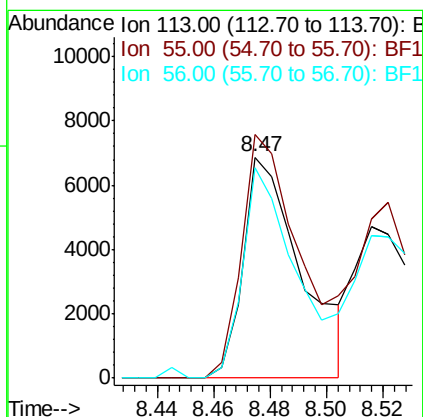
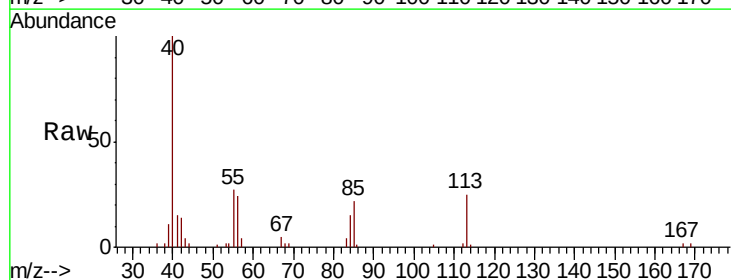
Instrument :
BNA_F
ClientSampleId :

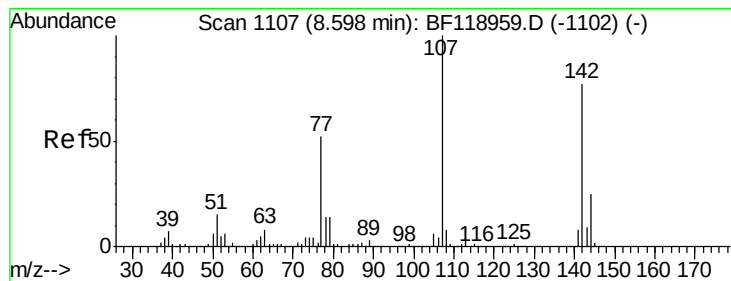
Tot Ion:225 Resp: 183177
Ion Ratio Lower Upper
225 100
223 62.7 49.4 74.2
227 63.4 52.9 79.3



#35
Caprolactam
Concen: 4.120 ng
RT: 8.47 min Scan# 1086
Delta R.T. 0.01 min
Lab File: BF119282.D
Acq: 9 Mar 2020 12:18

Tgt Ion:113 Resp: 9761
Ion Ratio Lower Upper
113 100
55 110.2 95.7 135.7
56 95.0 73.1 113.1





#36

4-Chloro-3-methylphenol

Concen: 48.976 ng

RT: 8.58 min Scan# 1104

Delta R.T. -0.01 min

Lab File: BF119282.D

Acq: 9 Mar 2020 12:18

Instrument :

BNA_F

ClientSampled :

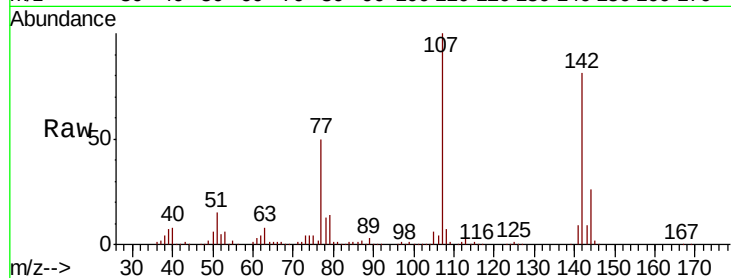
Tot Ion:107 Resp: 381413

Ion Ratio Lower Upper

107 100

144 25.6 20.1 30.1

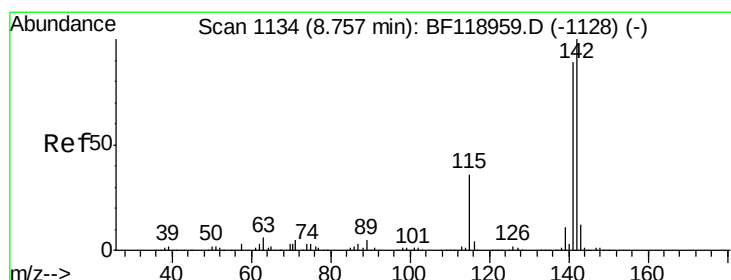
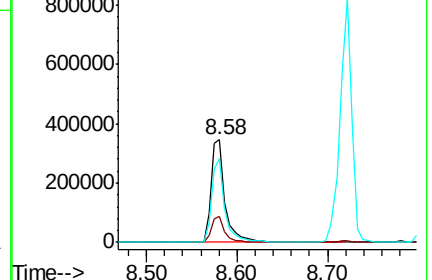
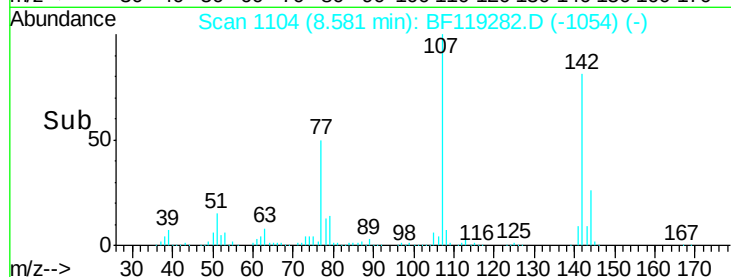
142 80.8 61.4 92.2



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E



#37

2-Methylnaphthalene

Concen: 44.119 ng

RT: 8.72 min Scan# 1128

Delta R.T. 0.00 min

Lab File: BF119282.D

Acq: 9 Mar 2020 12:18

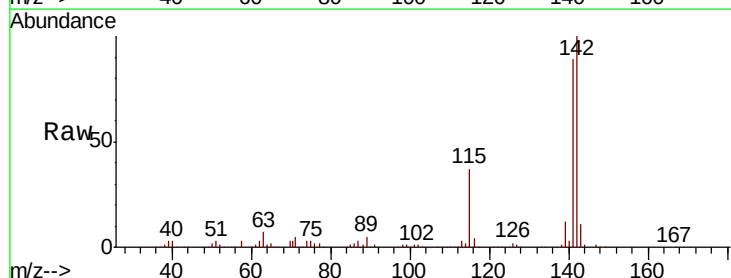
Tgt Ion:142 Resp: 747316

Ion Ratio Lower Upper

142 100

141 89.2 72.3 108.5

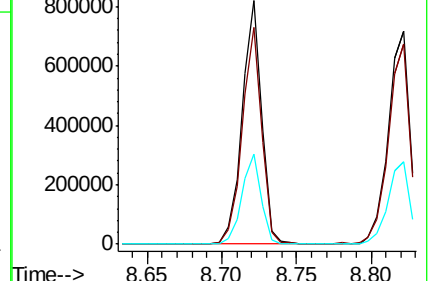
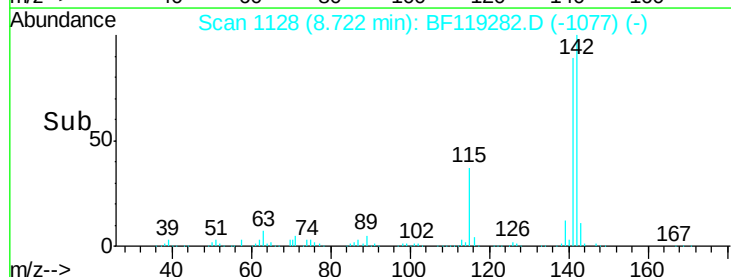
115 36.9 30.6 45.8

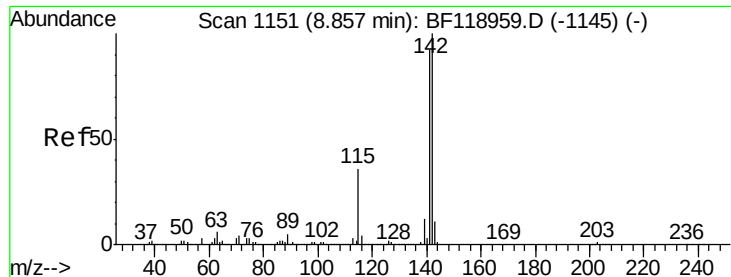


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

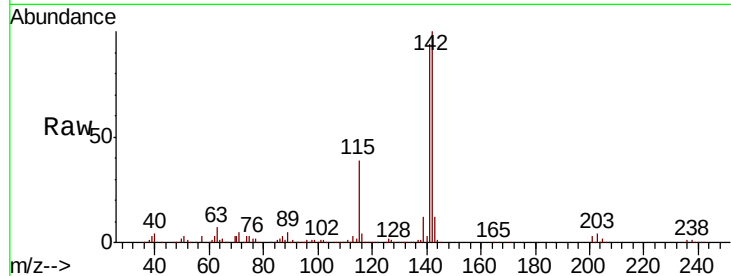




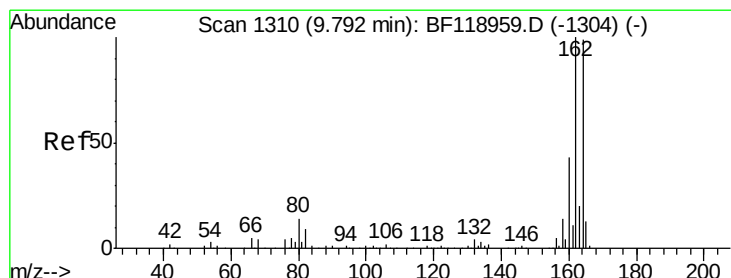
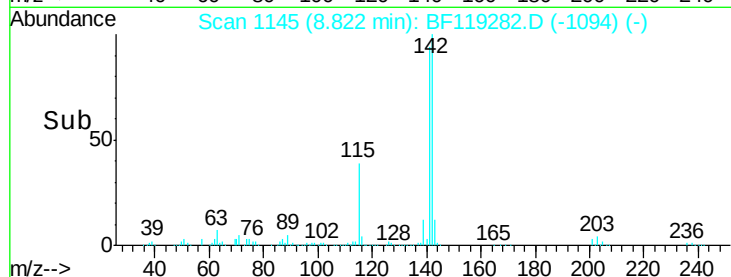
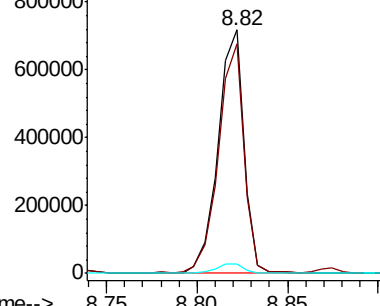
#38
1-Methylnaphthalene
Concen: 44.375 ng
RT: 8.82 min Scan# 1145
Delta R.T. 0.00 min
Lab File: BF119282.D
Acq: 9 Mar 2020 12:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 706910
Ion Ratio Lower Upper
142 100
141 94.1 75.8 113.6
116 3.9 3.1 4.7

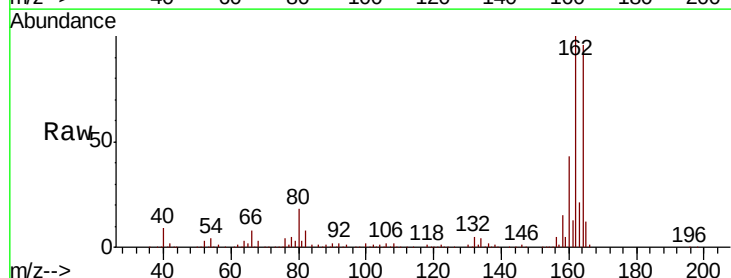


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E

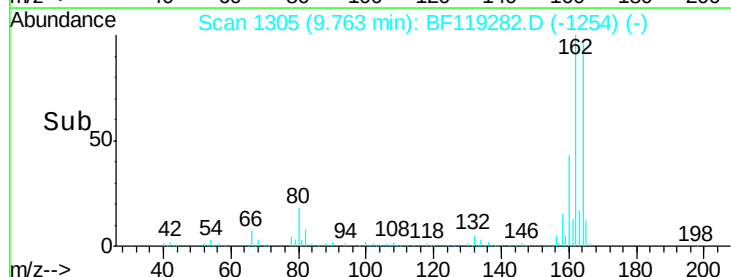
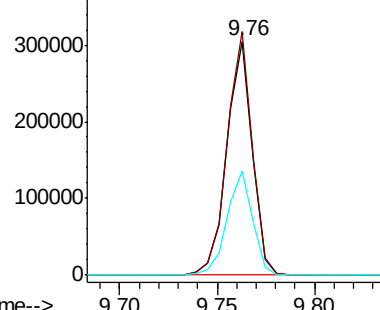


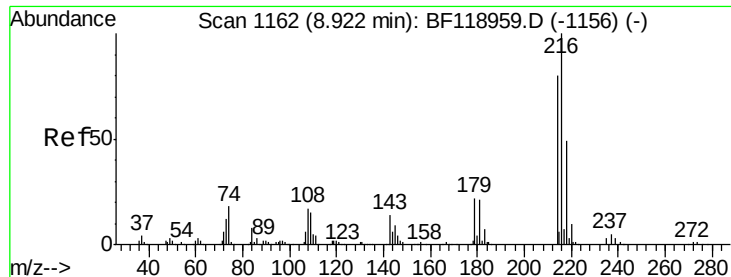
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1305
Delta R.T. 0.00 min
Lab File: BF119282.D
Acq: 9 Mar 2020 12:18

Tgt Ion:164 Resp: 274112
Ion Ratio Lower Upper
164 100
162 104.2 81.8 122.8
160 44.8 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: 40.938 ng

RT: 8.89 min Scan# 1157

Delta R.T. 0.00 min

Lab File: BF119282.D

Acq: 9 Mar 2020 12:18

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 378345

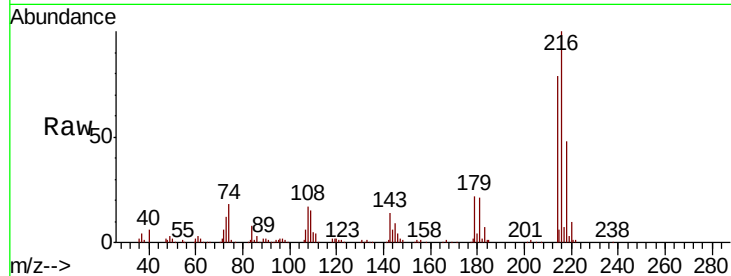
Ion Ratio Lower Upper

216 100

214 79.5 63.3 94.9

179 21.9 17.7 26.5

108 17.6 13.9 20.9

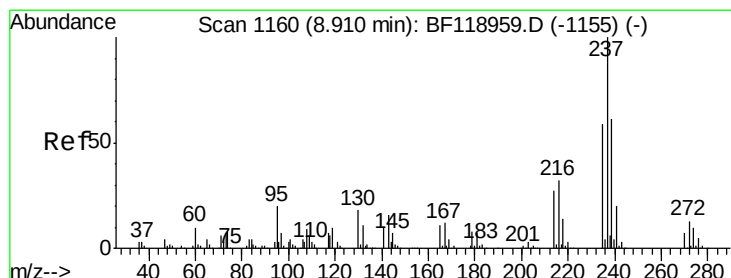
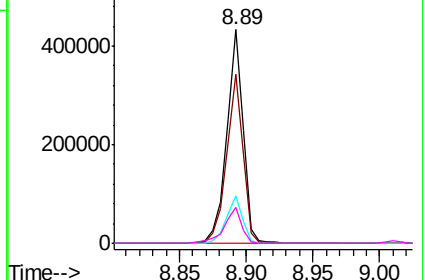
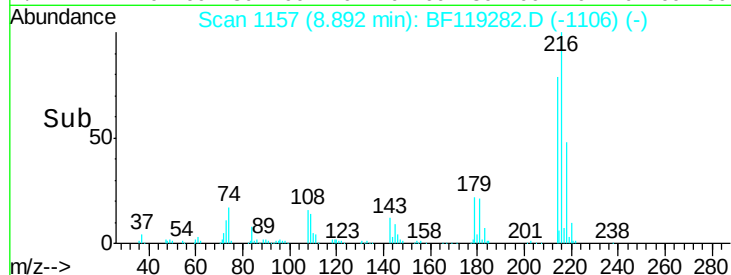


Abundance Ion 216.00 (215.70 to 216.70): E

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: 38.056 ng

RT: 8.87 min Scan# 1154

Delta R.T. 0.00 min

Lab File: BF119282.D

Acq: 9 Mar 2020 12:18

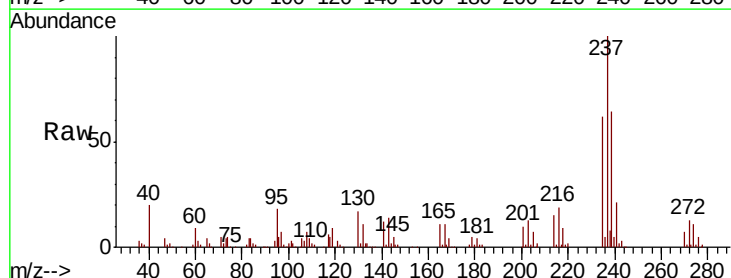
Tgt Ion:237 Resp: 109249

Ion Ratio Lower Upper

237 100

235 62.1 42.3 82.3

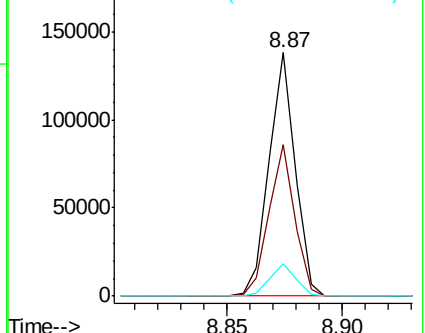
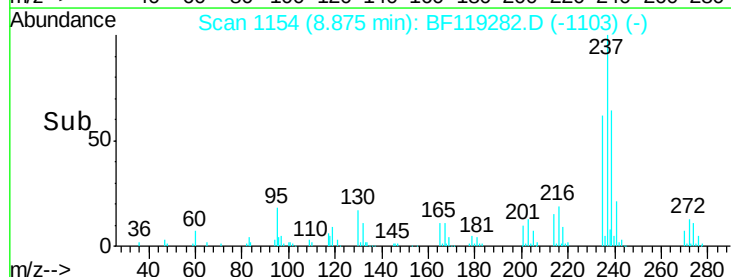
272 13.5 0.0 33.5

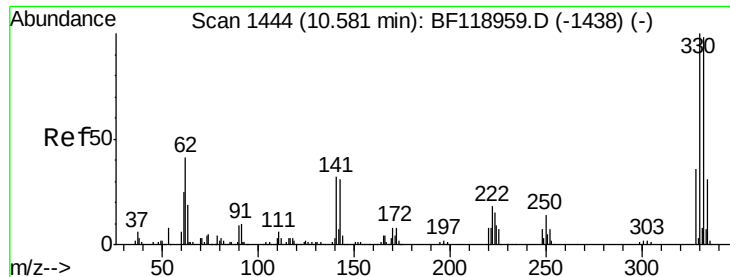


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

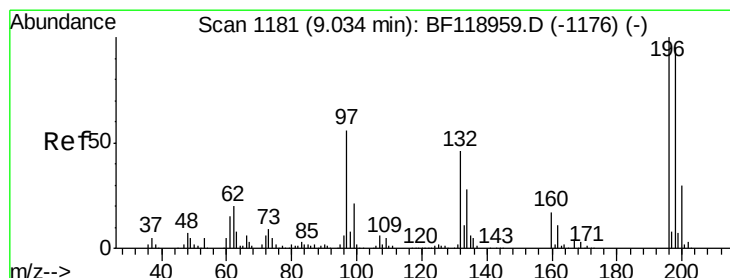
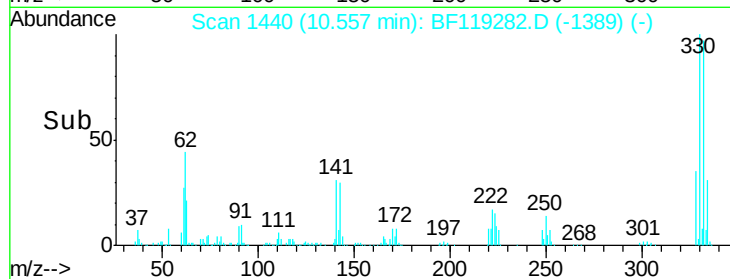
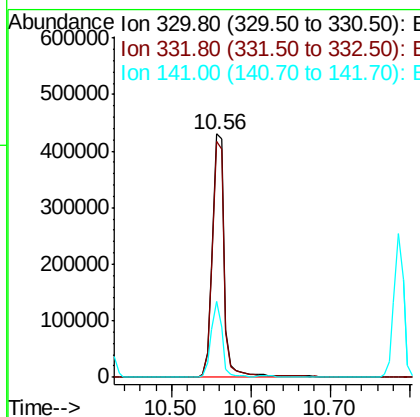
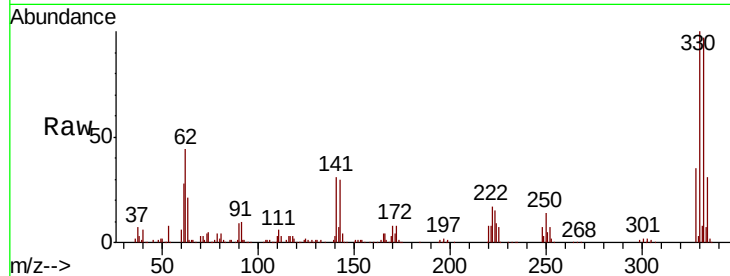




#42
 2,4,6-Tribromophenol
 Concen: 126.995 ng
 RT: 10.56 min Scan# 1440
 Delta R.T. 0.00 min
 Lab File: BF119282.D
 Acq: 9 Mar 2020 12:18

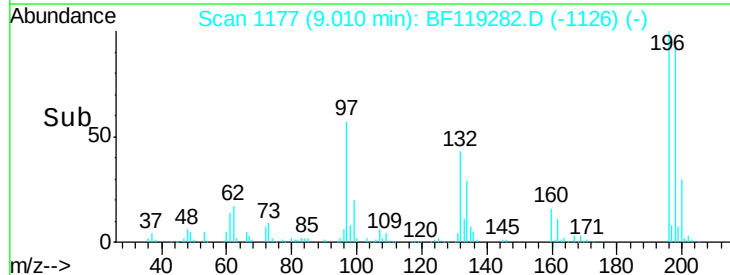
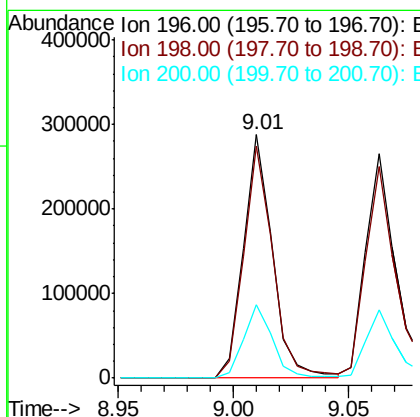
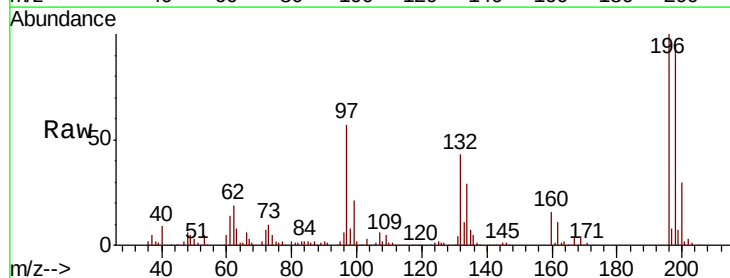
Instrument :
 BNA_F
 ClientSampled :

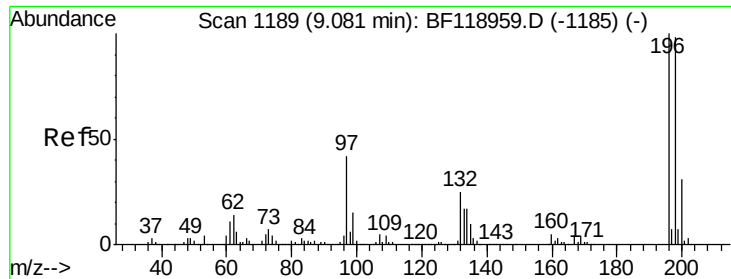
Tot Ion:330 Resp: 455384
 Ion Ratio Lower Upper
 330 100
 332 95.7 76.0 114.0
 141 28.5 22.9 34.3



#43
 2,4,6-Trichlorophenol
 Concen: 43.488 ng
 RT: 9.01 min Scan# 1177
 Delta R.T. 0.00 min
 Lab File: BF119282.D
 Acq: 9 Mar 2020 12:18

Tgt Ion:196 Resp: 253806
 Ion Ratio Lower Upper
 196 100
 198 95.2 77.1 115.7
 200 30.2 25.0 37.6

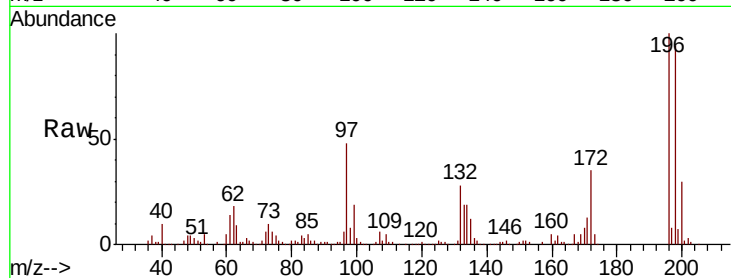




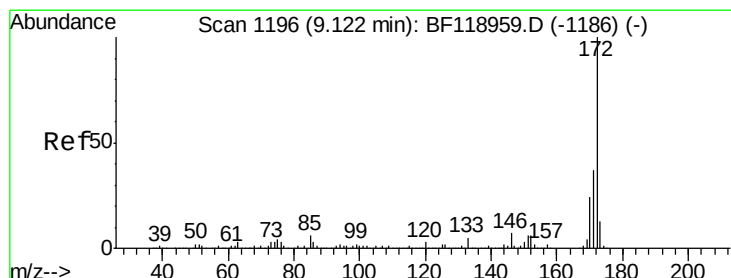
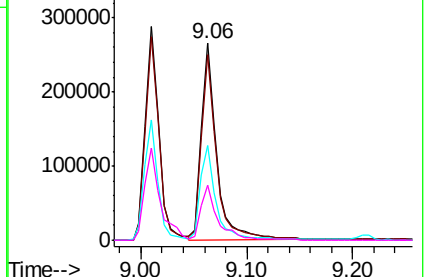
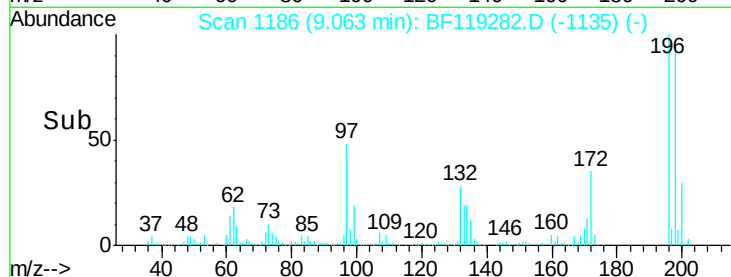
#44
2,4,5-Trichlorophenol
Concen: 43.341 ng
RT: 9.06 min Scan# 1186
Delta R.T. 0.00 min
Lab File: BF119282.D
Acq: 9 Mar 2020 12:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion:196 Resp: 265430
Ion Ratio Lower Upper
196 100
198 94.3 76.8 115.2
97 48.3 38.5 57.7
132 27.9 22.2 33.4

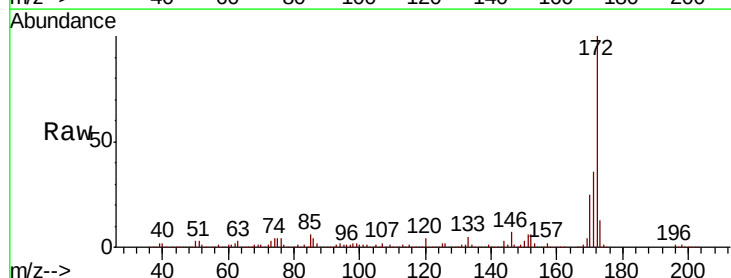


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BF1
Ion 132.00 (131.70 to 132.70): E

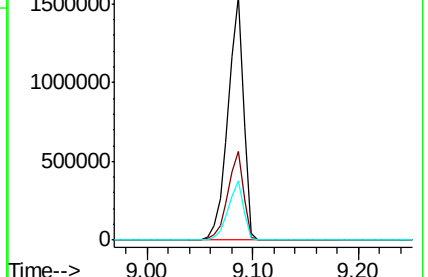
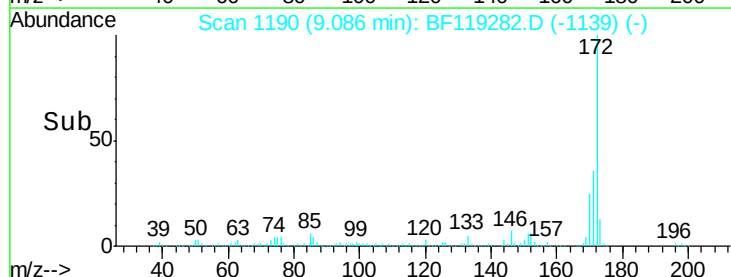


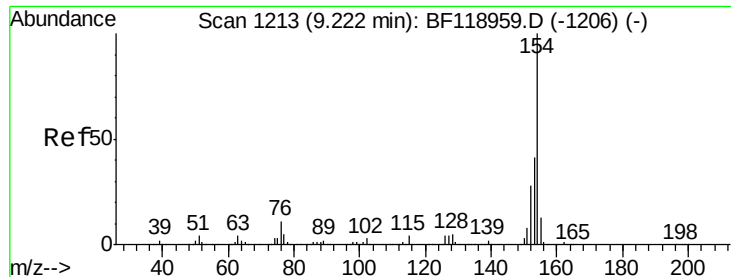
#45
2-Fluorobiphenyl
Concen: 85.104 ng
RT: 9.09 min Scan# 1190
Delta R.T. 0.00 min
Lab File: BF119282.D
Acq: 9 Mar 2020 12:18

Tgt Ion:172 Resp: 1583519
Ion Ratio Lower Upper
172 100
171 36.2 30.6 45.8
170 24.5 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

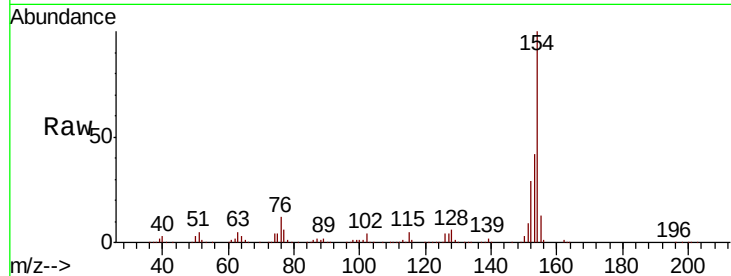




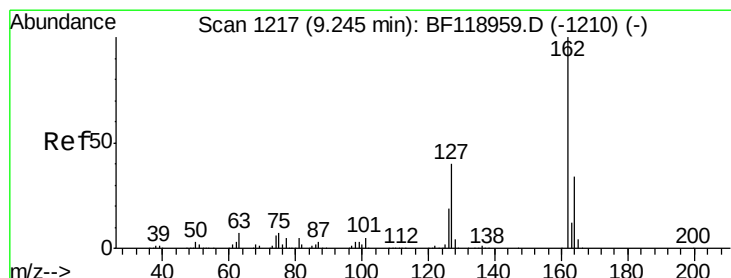
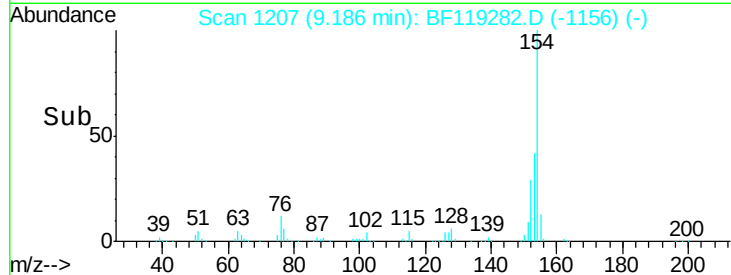
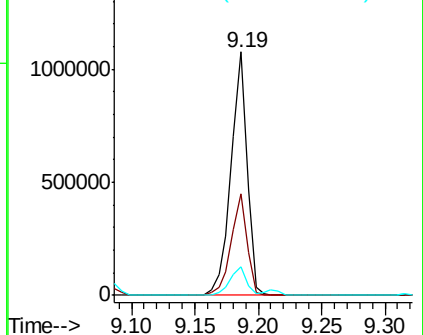
#46
1,1'-Biphenyl
Concen: 42.708 ng
RT: 9.19 min Scan# 1207
Delta R.T. 0.00 min
Lab File: BF119282.D
Acq: 9 Mar 2020 12:18

Instrument :
BNA_F
ClientSampled :

Tot Ion:154 Resp: 946141
Ion Ratio Lower Upper
154 100
153 41.7 22.8 62.8
76 11.9 0.0 32.2

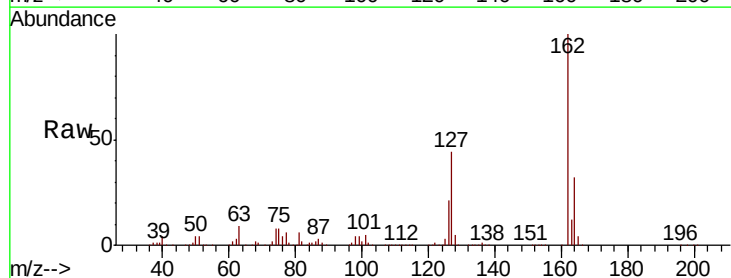


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1

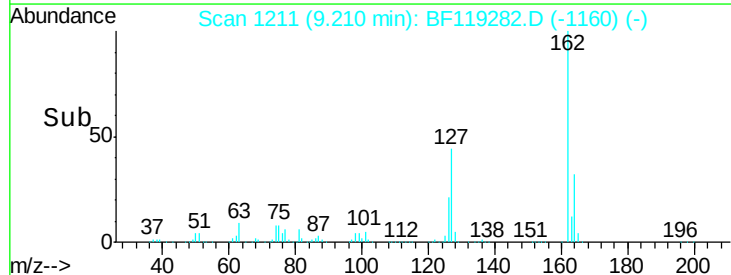
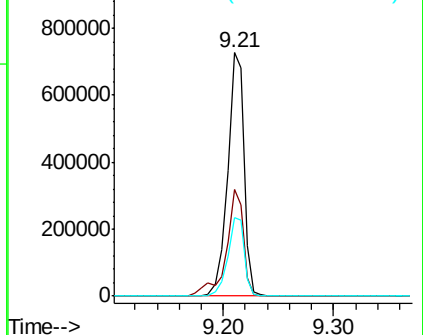


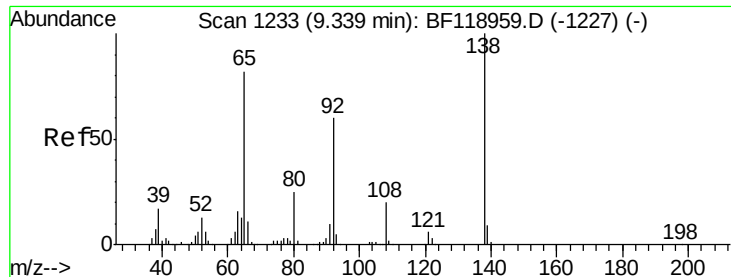
#47
2-Chloronaphthalene
Concen: 42.405 ng
RT: 9.21 min Scan# 1211
Delta R.T. 0.00 min
Lab File: BF119282.D
Acq: 9 Mar 2020 12:18

Tgt Ion:162 Resp: 757048
Ion Ratio Lower Upper
162 100
127 43.5 35.0 52.4
164 32.2 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

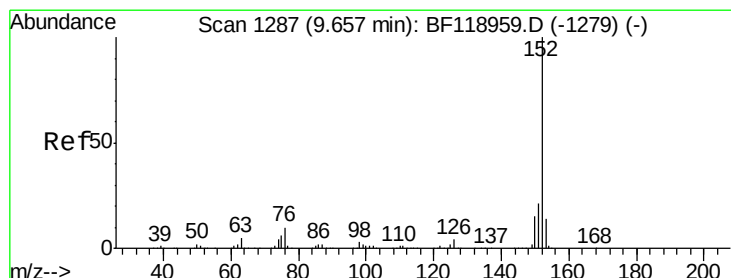
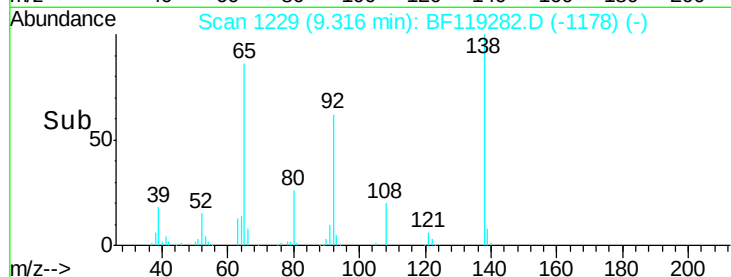
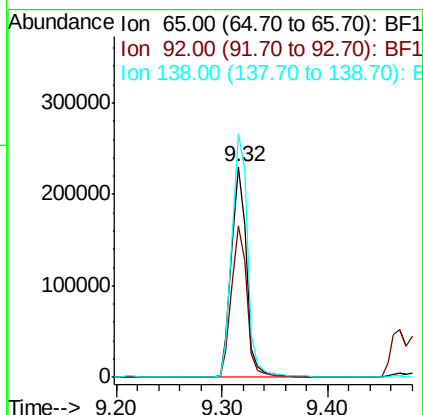
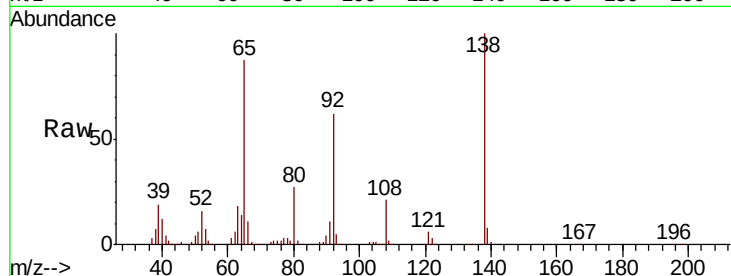




#48
2-Nitroaniline
Concen: 46.310 ng
RT: 9.32 min Scan# 1229
Delta R.T. 0.00 min
Lab File: BF119282.D
Acq: 9 Mar 2020 12:18

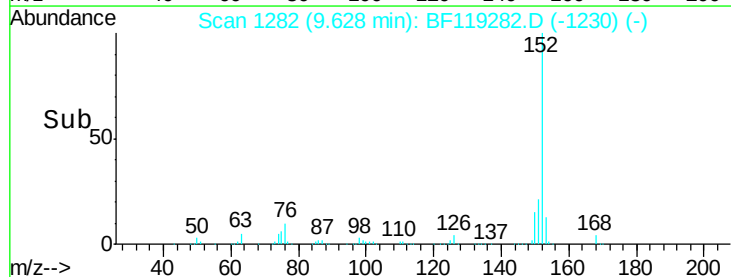
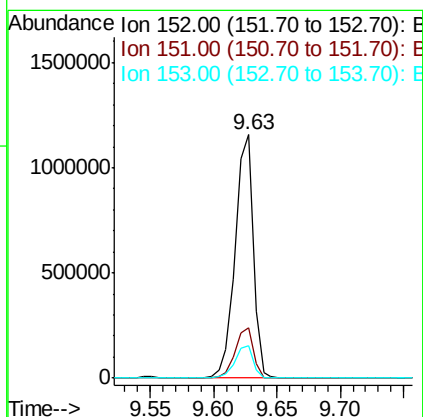
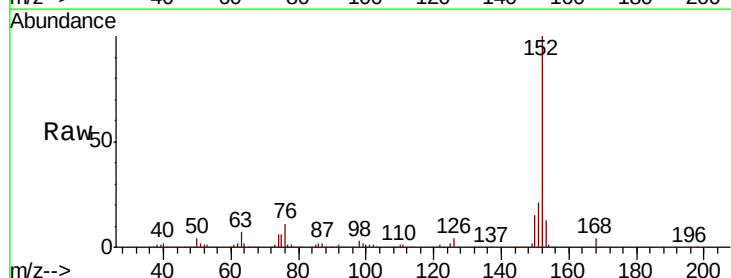
Instrument :
BNA_F
ClientSampleId :

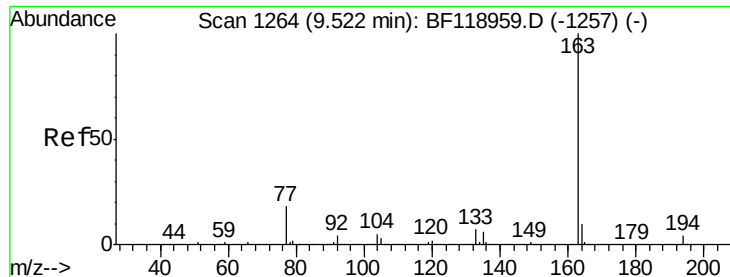
Tot Ion	Ratio	Lower	Upper
65	100		
92	71.9	58.2	87.2
138	115.5	95.6	143.4



#49
Acenaphthylene
Concen: 44.026 ng
RT: 9.63 min Scan# 1282
Delta R.T. 0.01 min
Lab File: BF119282.D
Acq: 9 Mar 2020 12:18

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.9	16.9	25.3
153	13.1	11.0	16.6

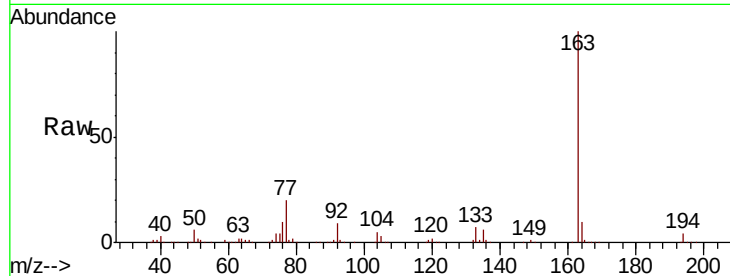




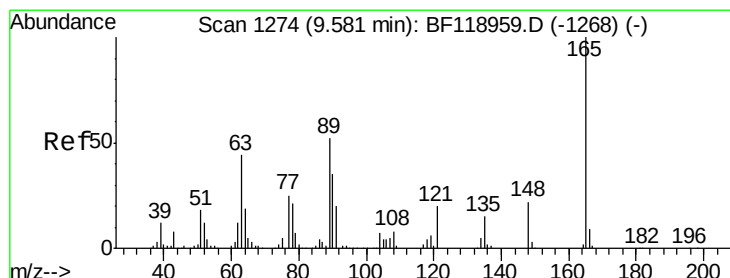
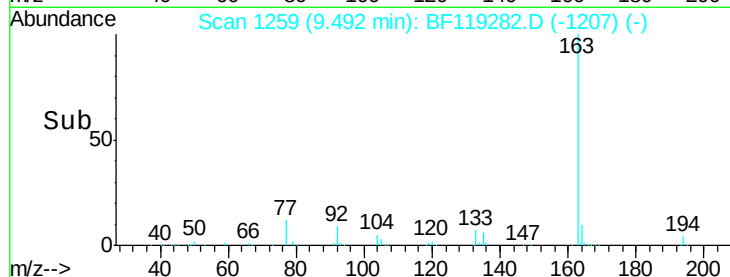
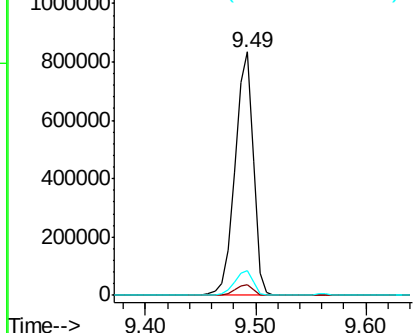
#50
Dimethylphthalate
Concen: 46.330 ng
RT: 9.49 min Scan# 1259
Delta R.T. 0.01 min
Lab File: BF119282.D
Acq: 9 Mar 2020 12:18

Instrument :
BNA_F
ClientSampled :

Tot Ion:163 Resp: 971120
Ion Ratio Lower Upper
163 100
194 4.2 3.5 5.3
164 10.2 8.4 12.6

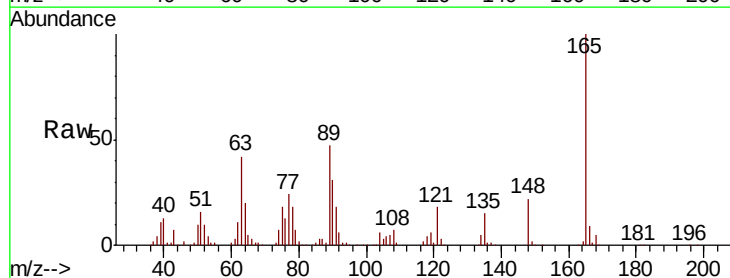


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

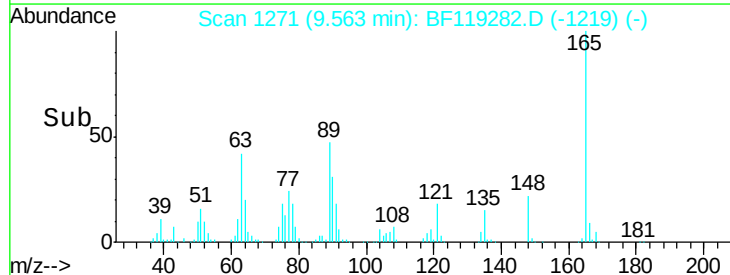
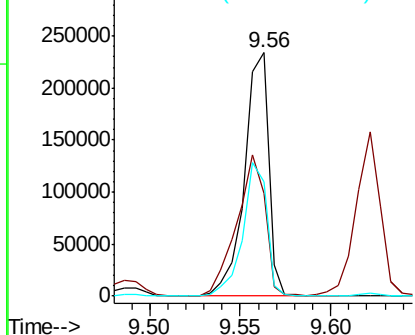


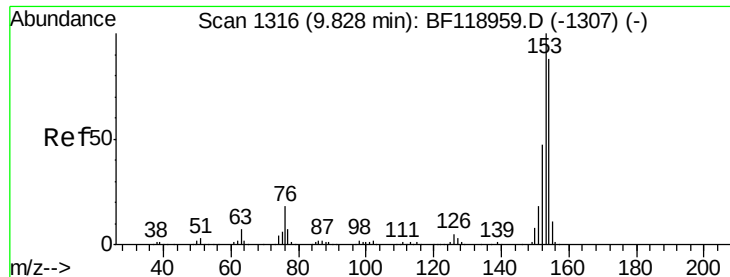
#51
2,6-Dinitrotoluene
Concen: 46.696 ng
RT: 9.56 min Scan# 1271
Delta R.T. 0.01 min
Lab File: BF119282.D
Acq: 9 Mar 2020 12:18

Tgt Ion:165 Resp: 217456
Ion Ratio Lower Upper
165 100
63 42.0 34.3 51.5
89 47.0 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: 44.872 ng

RT: 9.80 min Scan# 1311

Delta R.T. 0.01 min

Lab File: BF119282.D

Acq: 9 Mar 2020 12:18

Instrument :

BNA_F

ClientSampled :

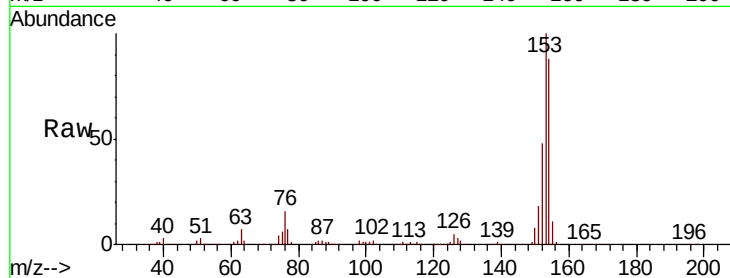
Tot Ion:154 Resp: 697657

Ion Ratio Lower Upper

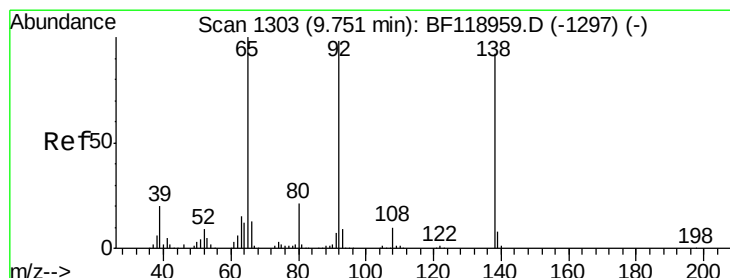
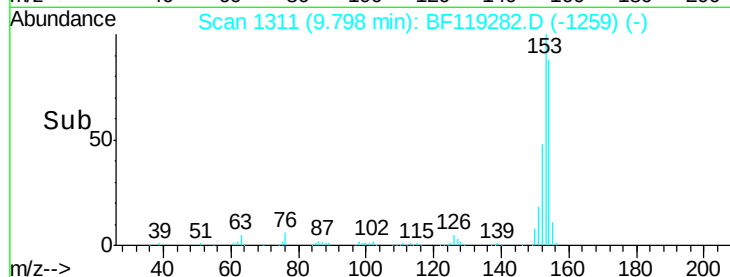
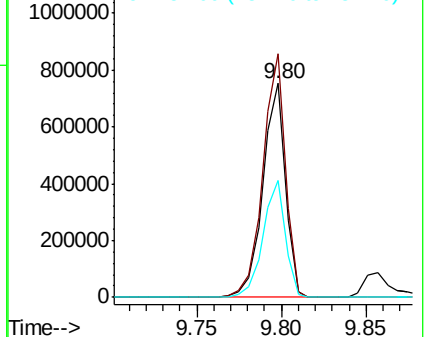
154 100

153 113.8 90.3 135.5

152 54.4 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: 21.969 ng

RT: 9.73 min Scan# 1299

Delta R.T. 0.00 min

Lab File: BF119282.D

Acq: 9 Mar 2020 12:18

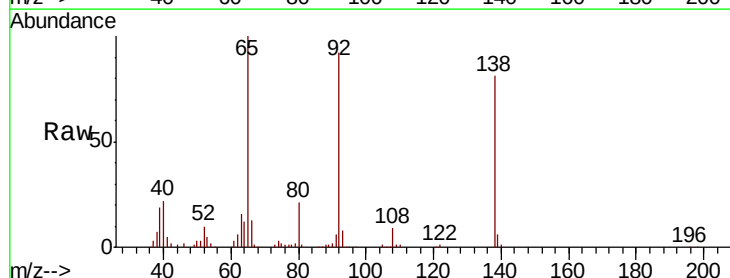
Tgt Ion:138 Resp: 113421

Ion Ratio Lower Upper

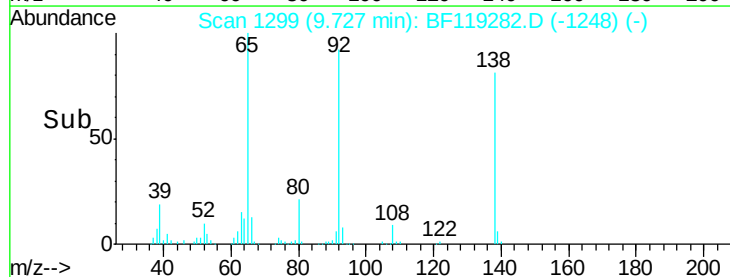
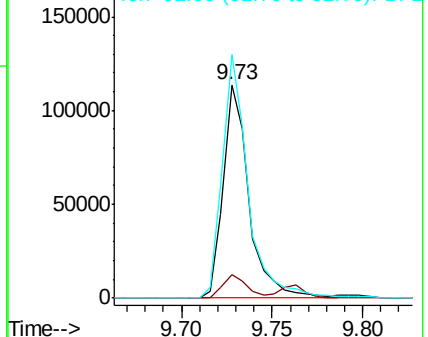
138 100

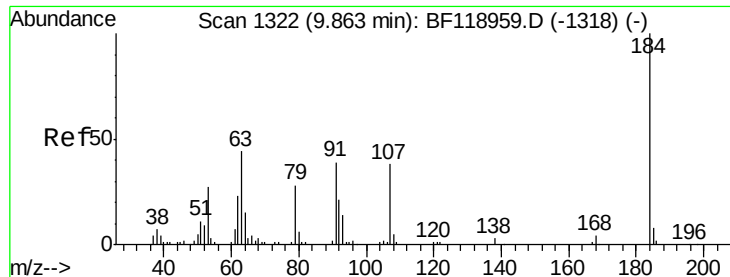
108 11.2 8.8 13.2

92 114.2 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

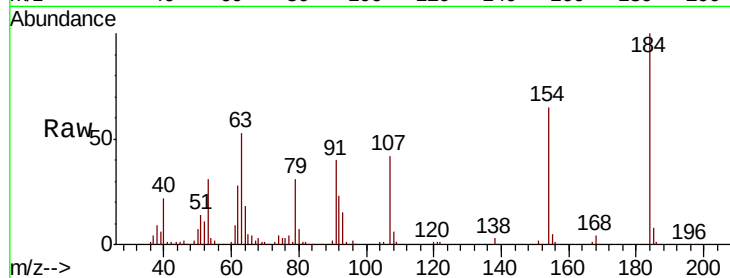




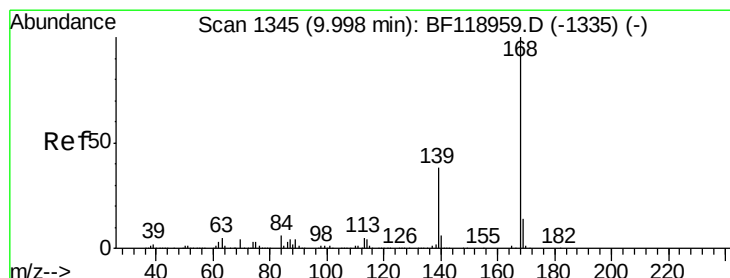
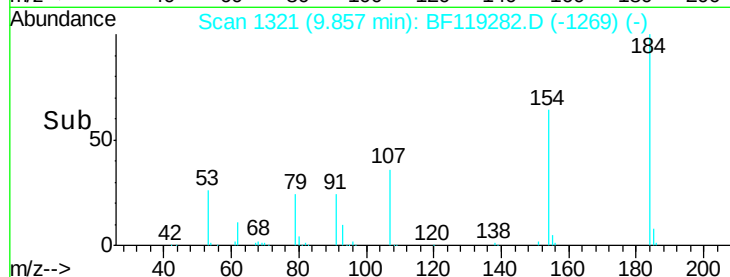
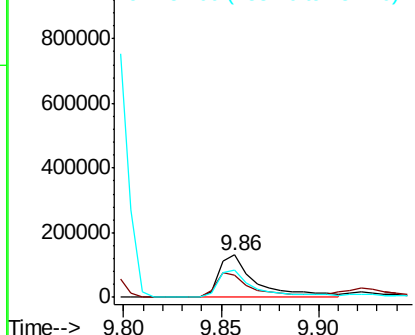
#54
2,4-Dinitrophenol
Concen: 77.258 ng
RT: 9.86 min Scan# 1321
Delta R.T. 0.01 min
Lab File: BF119282.D
Acq: 9 Mar 2020 12:18

Instrument :
BNA_F
ClientSampled :

Tot Ion:184 Resp: 174222
Ion Ratio Lower Upper
184 100
63 53.1 38.7 58.1
154 64.7 49.7 74.5

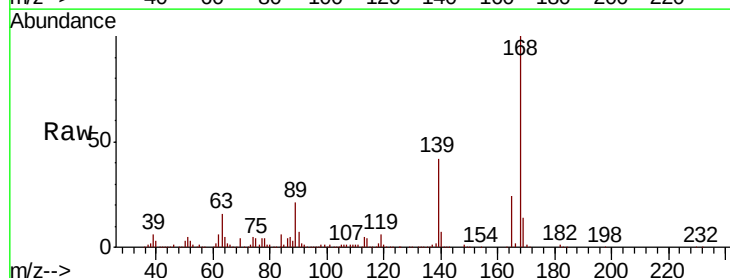


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

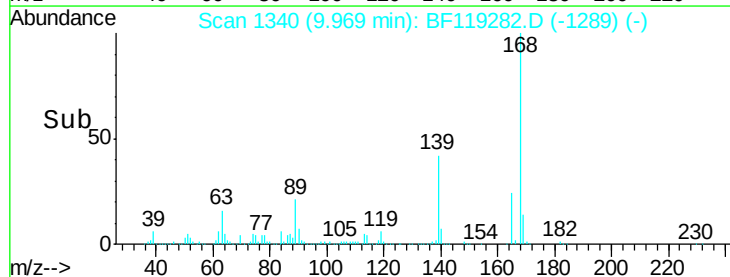
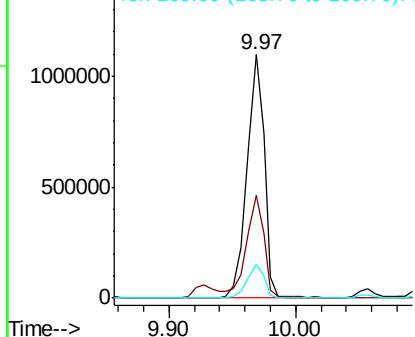


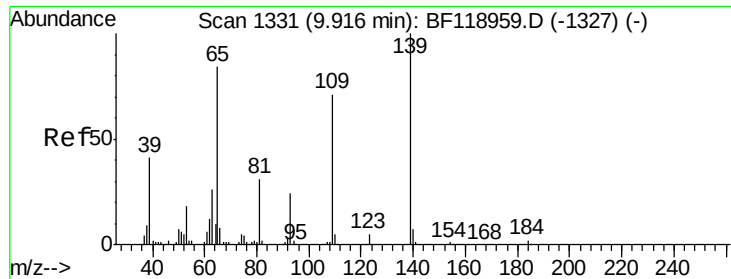
#55
Dibenzofuran
Concen: 44.602 ng
RT: 9.97 min Scan# 1340
Delta R.T. 0.00 min
Lab File: BF119282.D
Acq: 9 Mar 2020 12:18

Tgt Ion:168 Resp: 1035057
Ion Ratio Lower Upper
168 100
139 42.2 34.0 51.0
169 13.8 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

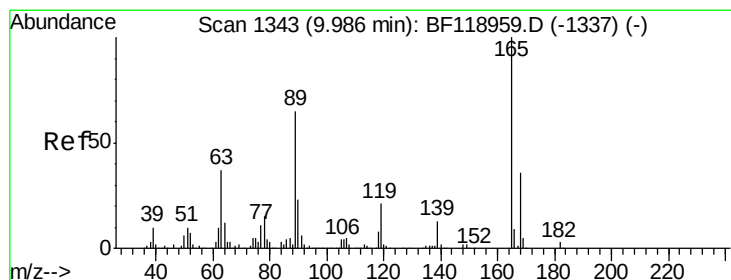
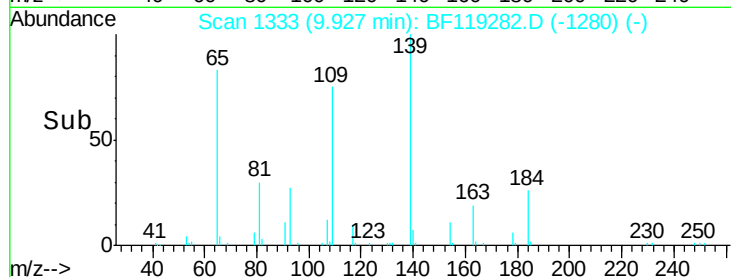
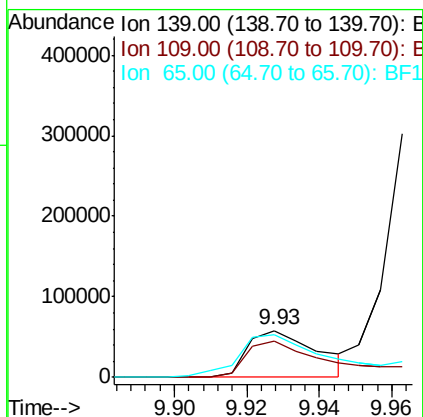
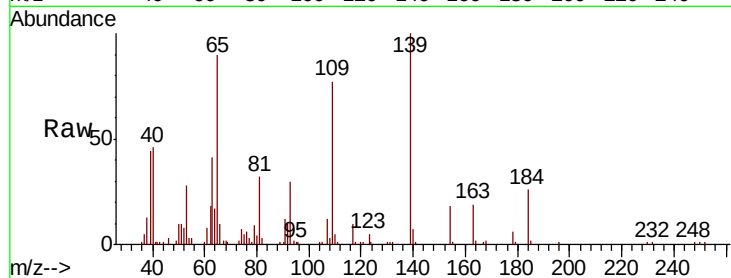




#56
4-Nitrophenol
Concen: 24.696 ng
RT: 9.93 min Scan# 1333
Delta R.T. 0.01 min
Lab File: BF119282.D
Acq: 9 Mar 2020 12:18

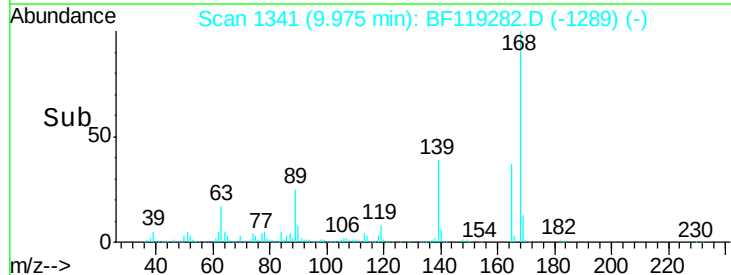
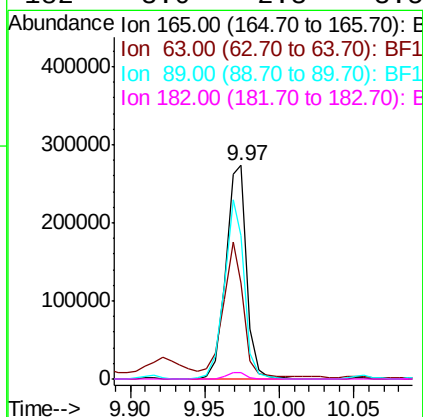
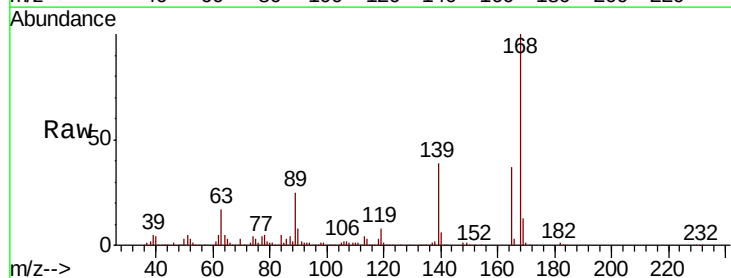
Instrument :
BNA_F
ClientSampleId :

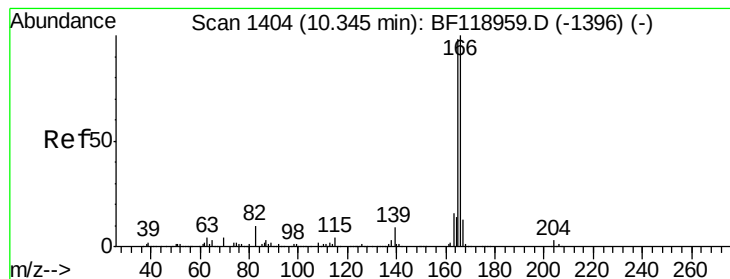
Tot Ion:139 Resp: 76602
Ion Ratio Lower Upper
139 100
109 77.0 56.7 96.7
65 90.4 65.0 105.0



#57
2,4-Dinitrotoluene
Concen: 44.866 ng
RT: 9.97 min Scan# 1341
Delta R.T. 0.01 min
Lab File: BF119282.D
Acq: 9 Mar 2020 12:18

Tgt Ion:165 Resp: 270822
Ion Ratio Lower Upper
165 100
63 45.1 42.3 63.5
89 67.3 60.2 90.4
182 3.0 2.3 3.5





#58

Fluorene

Concen: 46.955 ng

RT: 10.32 min Scan# 1399

Delta R.T. 0.01 min

Lab File: BF119282.D

Acq: 9 Mar 2020 12:18

Instrument :

BNA_F

ClientSampled :

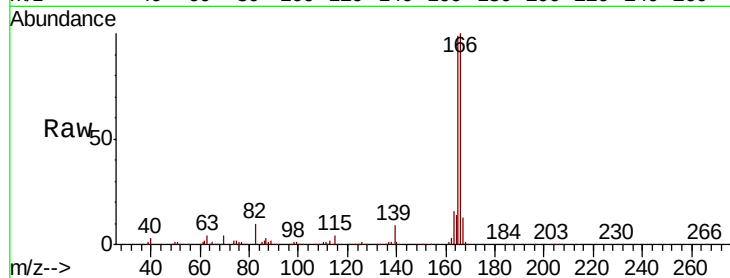
Tot Ion:166 Resp: 846716

Ion Ratio Lower Upper

166 100

165 98.9 78.5 117.7

167 13.0 11.0 16.4

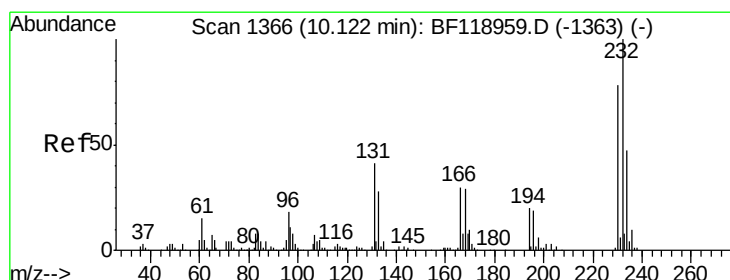
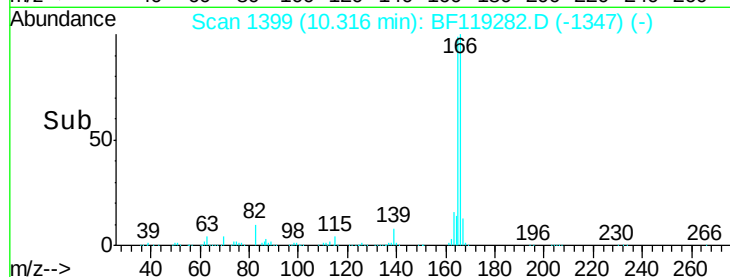
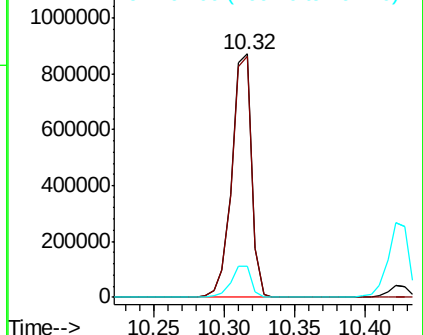


Abundance

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: 47.295 ng

RT: 10.10 min Scan# 1362

Delta R.T. 0.00 min

Lab File: BF119282.D

Acq: 9 Mar 2020 12:18

Tgt Ion:232 Resp: 244403

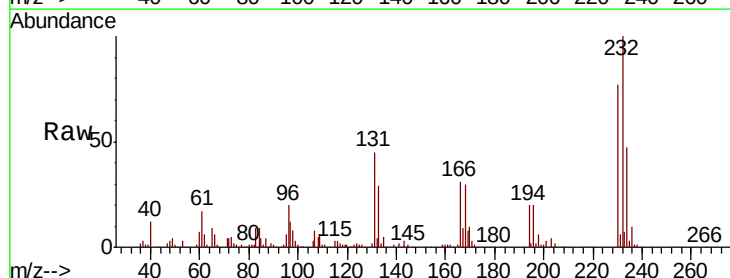
Ion Ratio Lower Upper

232 100

131 41.1 33.8 50.8

130 2.1 1.8 2.6

166 26.1 23.0 34.4



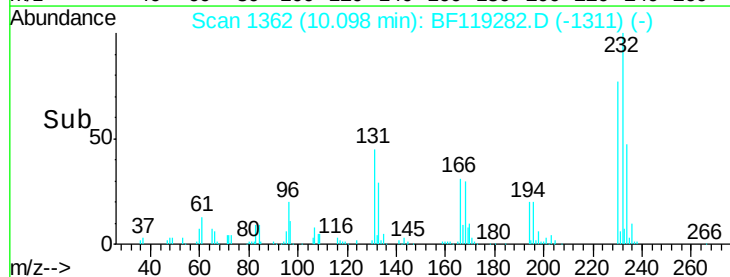
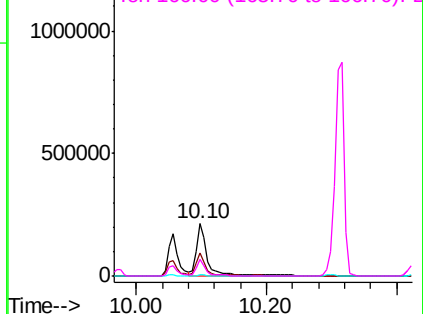
Abundance

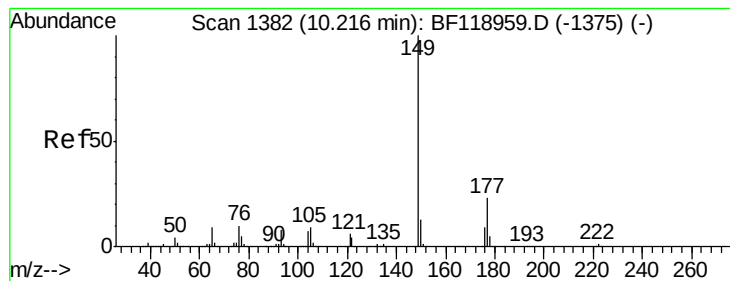
Ion 232.00 (231.70 to 232.70): E

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: 47.397 ng

RT: 10.19 min Scan# 1377

Delta R.T. 0.00 min

Lab File: BF119282.D

Acq: 9 Mar 2020 12:18

Instrument :

BNA_F

ClientSampleId :

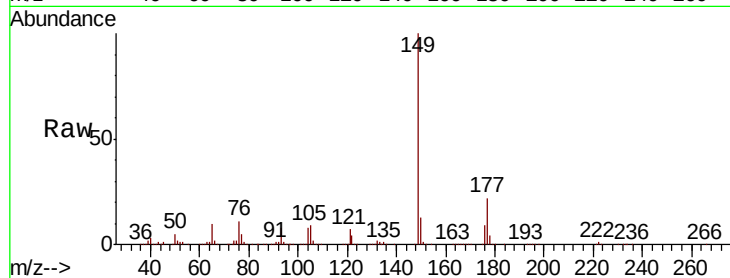
Tot Ion:149 Resp: 936230

Ion Ratio Lower Upper

149 100

177 22.0 18.2 27.2

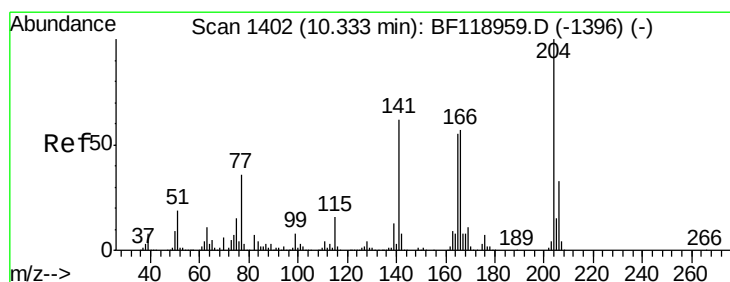
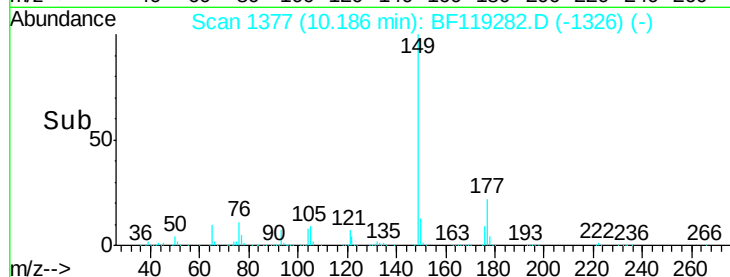
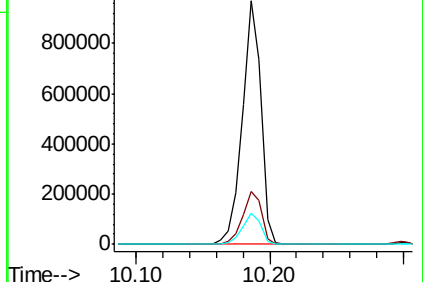
150 12.9 10.5 15.7



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: 46.969 ng

RT: 10.30 min Scan# 1396

Delta R.T. 0.00 min

Lab File: BF119282.D

Acq: 9 Mar 2020 12:18

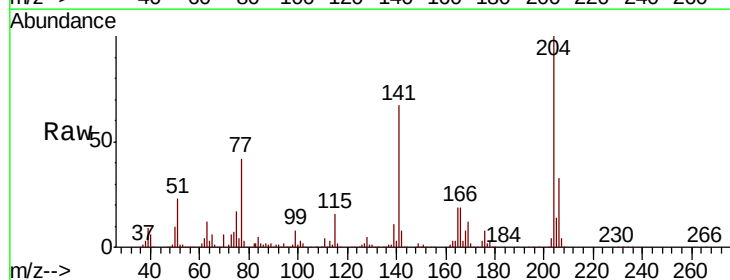
Tgt Ion:204 Resp: 448323

Ion Ratio Lower Upper

204 100

206 33.4 27.1 40.7

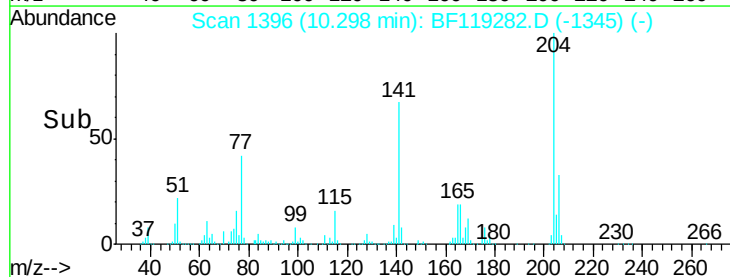
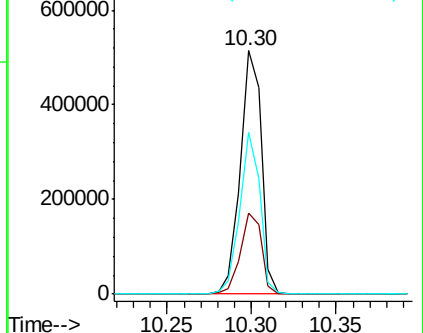
141 66.6 52.9 79.3

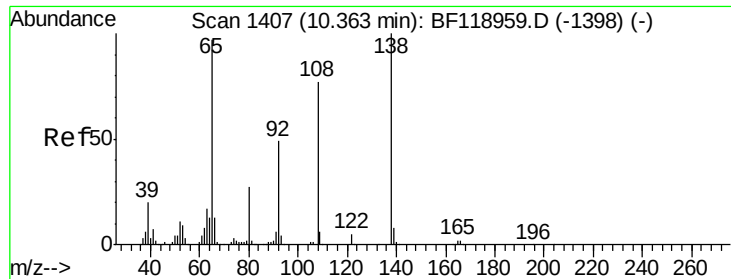


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

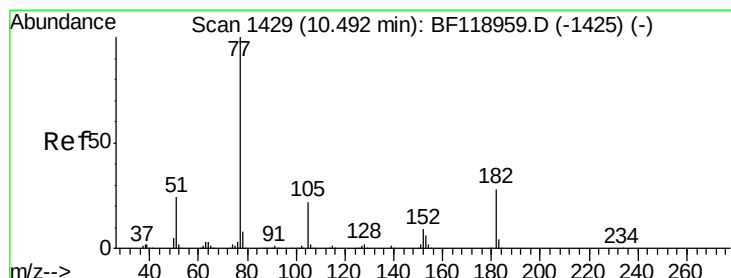
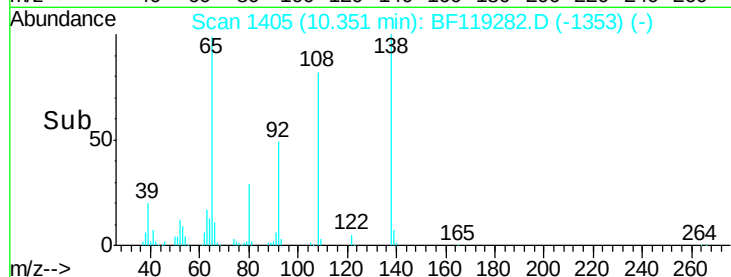
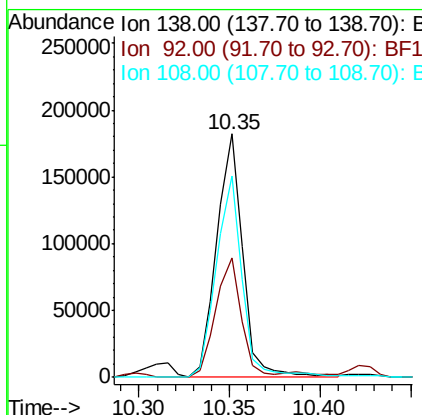
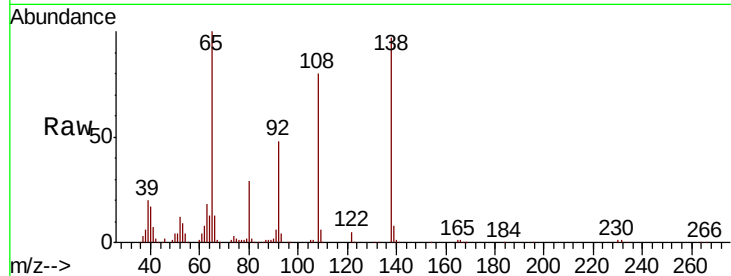




#62
4-Nitroaniline
Concen: 34.335 ng
RT: 10.35 min Scan# 1405
Delta R.T. 0.01 min
Lab File: BF119282.D
Acq: 9 Mar 2020 12:18

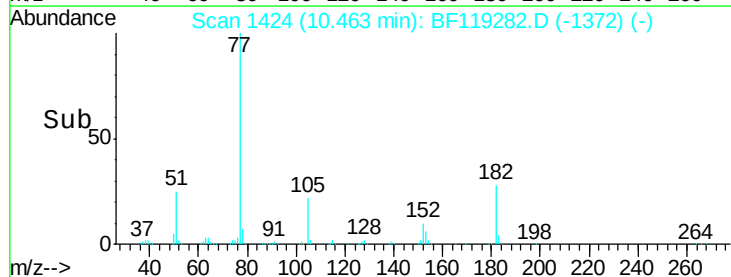
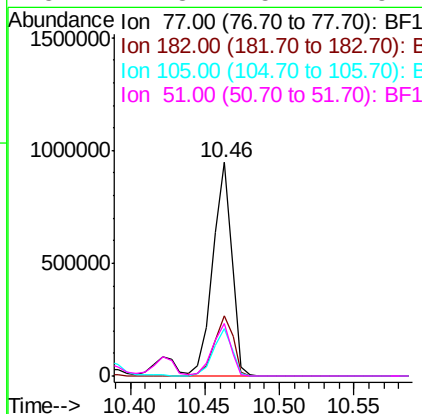
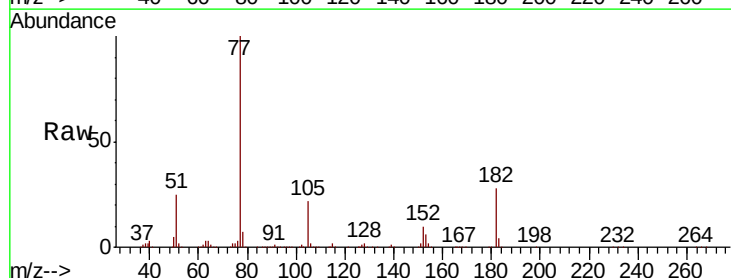
Instrument :
BNA_F
ClientSampled :

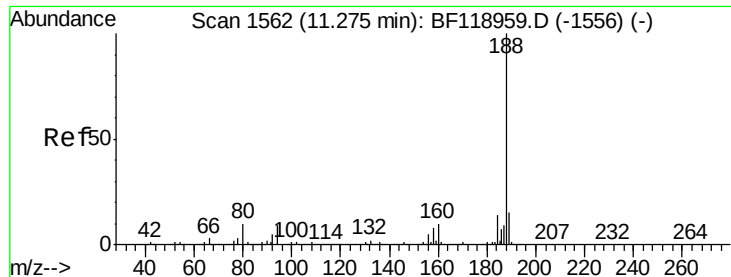
Tot Ion	Ratio	Lower	Upper
138	100		
92	48.9	27.3	67.3
108	82.5	57.0	97.0



#63
Azobenzene
Concen: 48.438 ng
RT: 10.46 min Scan# 1424
Delta R.T. 0.01 min
Lab File: BF119282.D
Acq: 9 Mar 2020 12:18

Tgt Ion	Ratio	Lower	Upper
77	100		
182	28.2	11.4	51.4
105	22.5	3.4	43.4
51	24.8	5.1	45.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.25 min Scan# 1557

Delta R.T. 0.00 min

Lab File: BF119282.D

Acq: 9 Mar 2020 12:18

Instrument :

BNA_F

ClientSampleId :

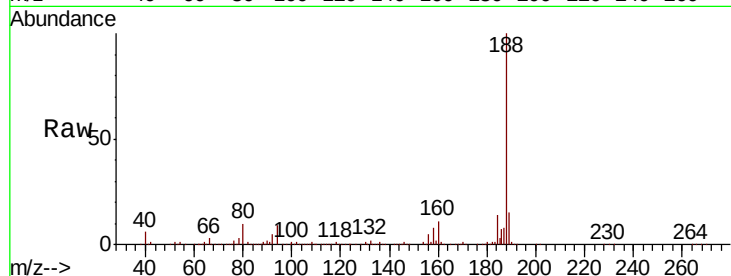
Tot Ion:188 Resp: 507237

Ion Ratio Lower Upper

188 100

94 8.5 7.1 10.7

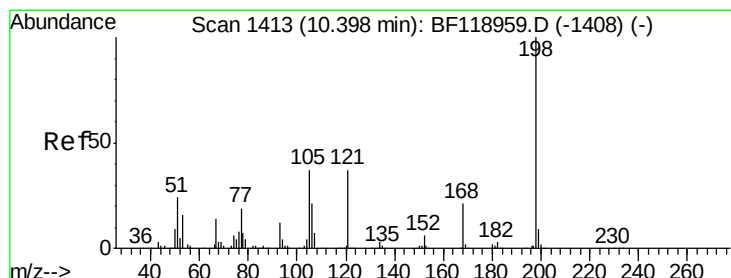
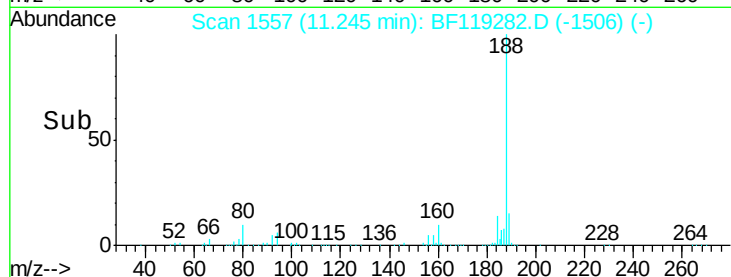
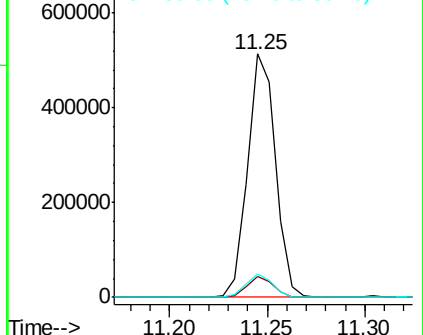
80 9.9 7.8 11.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#65

4,6-Dinitro-2-methylphenol

Concen: 49.188 ng

RT: 10.39 min Scan# 1412

Delta R.T. 0.01 min

Lab File: BF119282.D

Acq: 9 Mar 2020 12:18

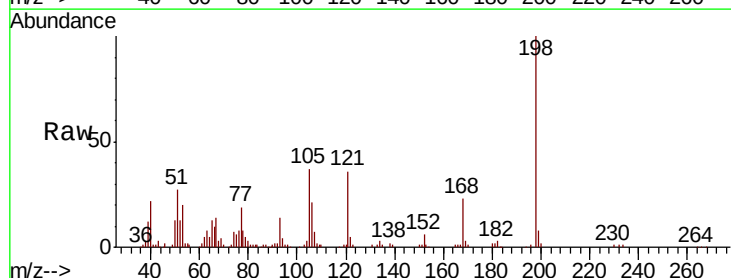
Tgt Ion:198 Resp: 150976

Ion Ratio Lower Upper

198 100

51 27.1 14.2 54.2

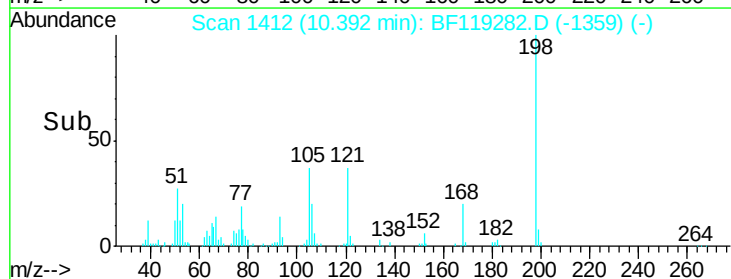
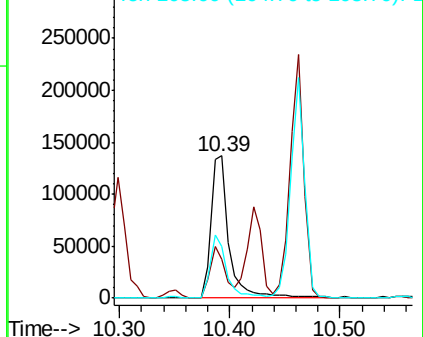
105 36.6 22.7 62.7

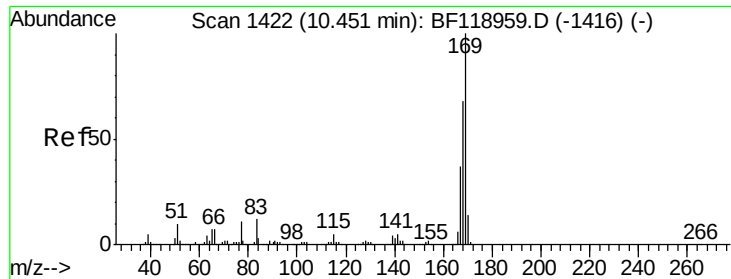


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

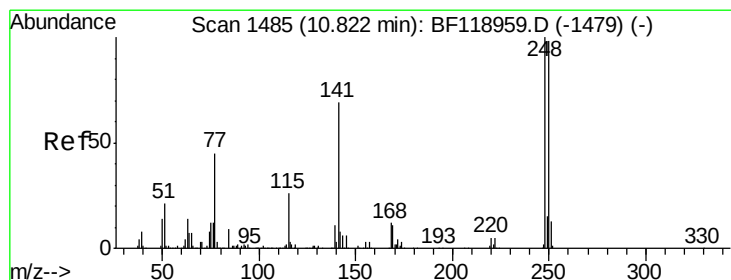
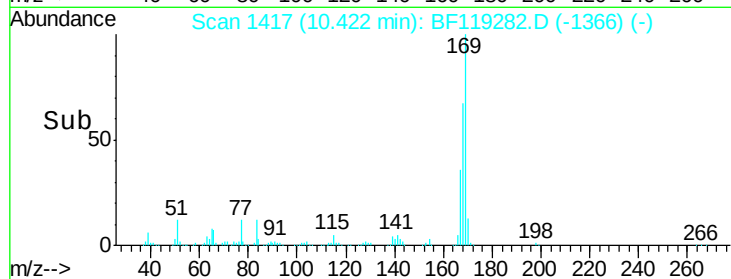
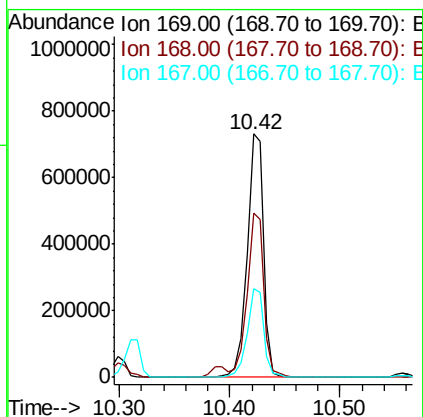
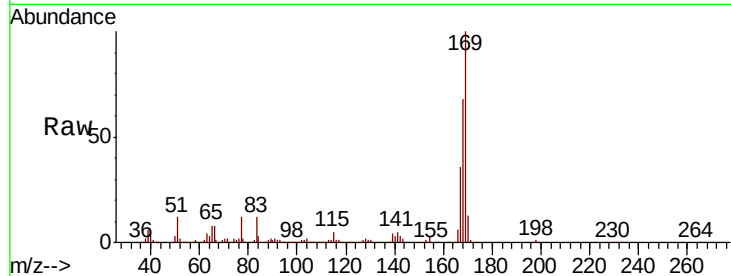




#66
 n-Nitrosodiphenylamine
 Concen: 45.914 ng
 RT: 10.42 min Scan# 1417
 Delta R.T. 0.00 min
 Lab File: BF119282.D
 Acq: 9 Mar 2020 12:18

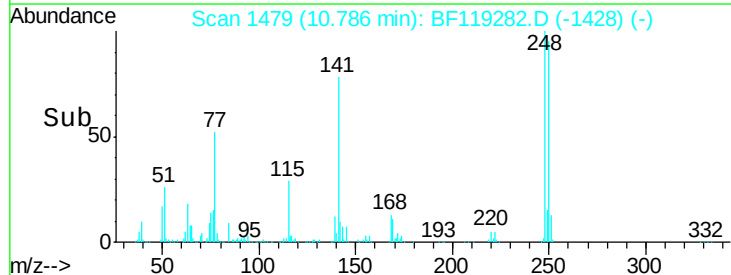
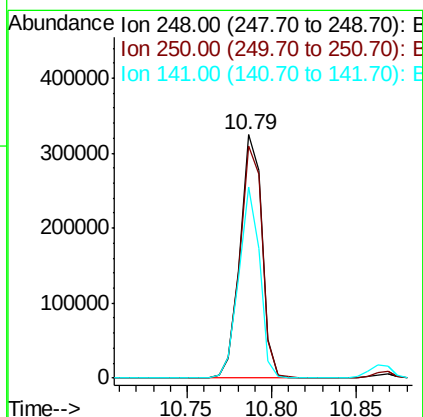
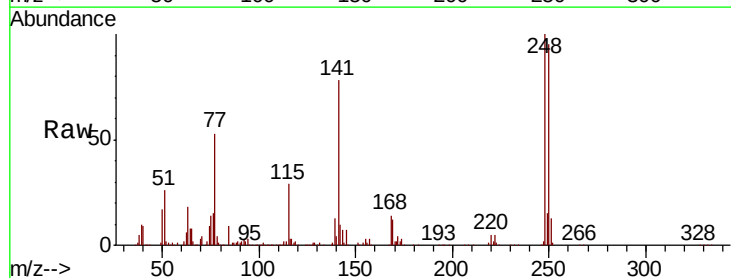
Instrument :
 BNA_F
 ClientSampled :

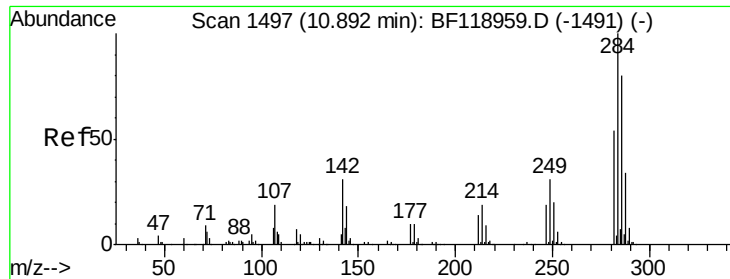
Tot Ion	169	Resp	762583
Ion Ratio	100		
Lower	54.1		
Upper	81.1		
168	67.6		
167	36.2		



#67
 4-Bromophenyl-phenylether
 Concen: 44.429 ng
 RT: 10.79 min Scan# 1479
 Delta R.T. 0.00 min
 Lab File: BF119282.D
 Acq: 9 Mar 2020 12:18

Tgt Ion	248	Resp	294574
Ion Ratio	100		
Lower	76.7		
Upper	115.1		
250	95.3		
141	78.4		





#68

Hexachlorobenzene

Concen: 44.019 ng

RT: 10.87 min Scan# 1493

Delta R.T. 0.01 min

Lab File: BF119282.D

Acq: 9 Mar 2020 12:18

Instrument :

BNA_F

ClientSampleId :

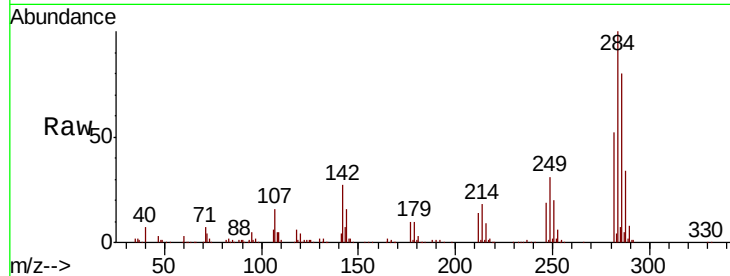
Tot Ion:284 Resp: 336497

Ion Ratio Lower Upper

284 100

142 27.2 23.7 35.5

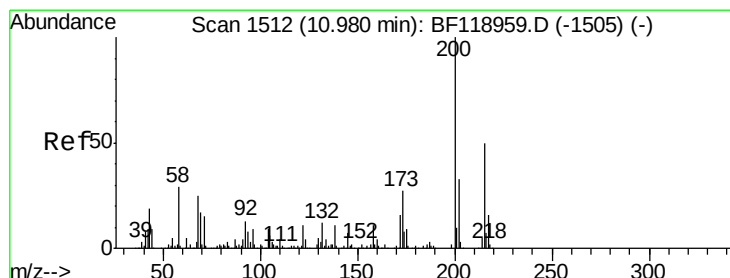
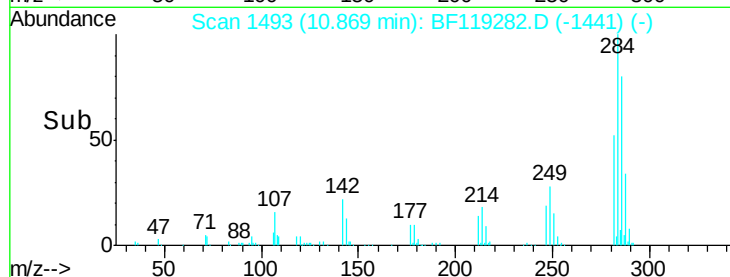
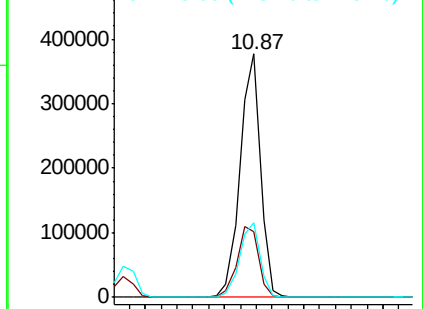
249 30.6 25.0 37.6



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: 48.239 ng

RT: 10.96 min Scan# 1508

Delta R.T. 0.01 min

Lab File: BF119282.D

Acq: 9 Mar 2020 12:18

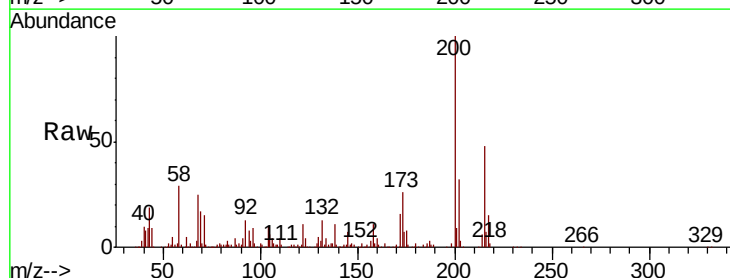
Tgt Ion:200 Resp: 279927

Ion Ratio Lower Upper

200 100

173 26.3 6.4 46.4

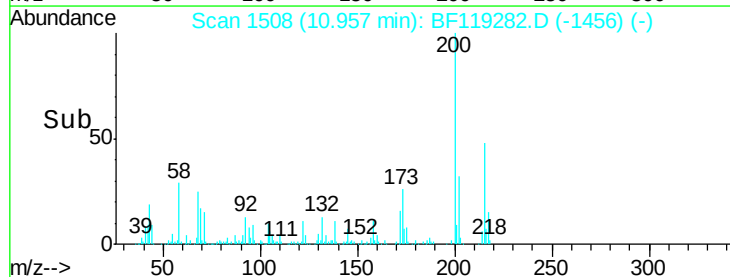
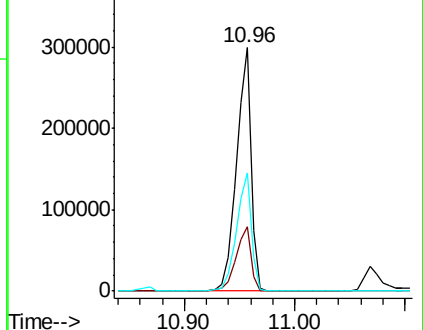
215 48.5 27.4 67.4

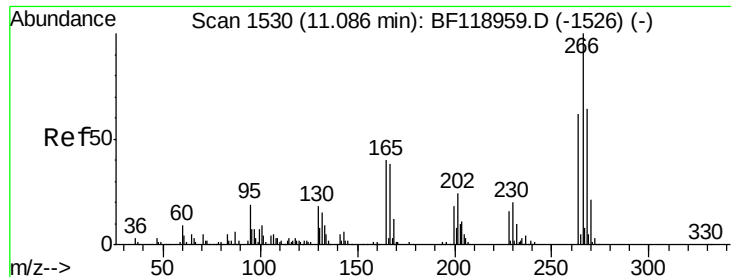


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

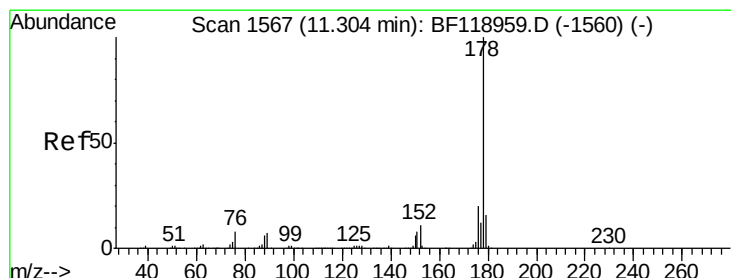
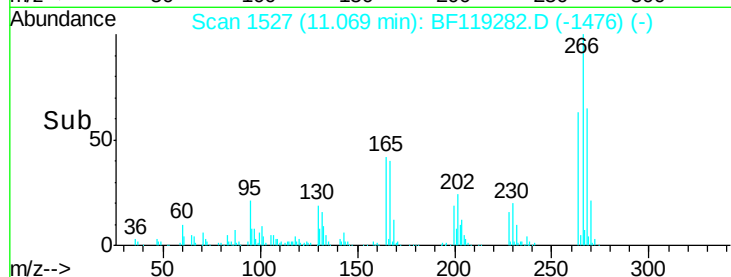
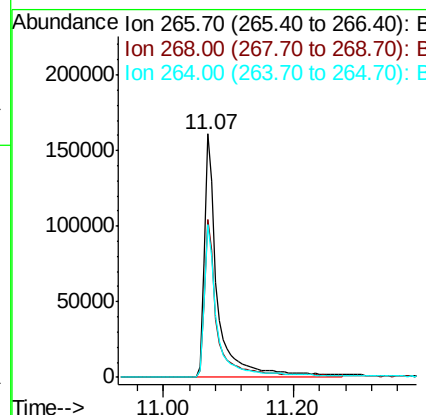
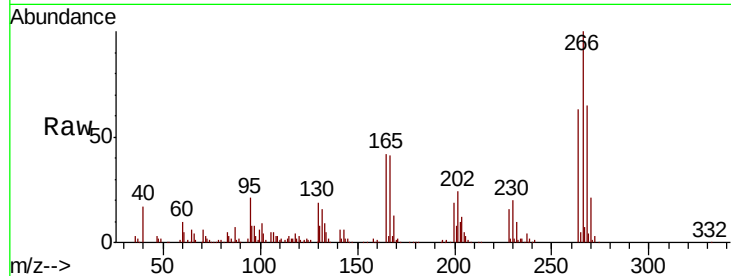




#70
 Pentachlorophenol
 Concen: 75.315 ng
 RT: 11.07 min Scan# 1527
 Delta R.T. 0.00 min
 Lab File: BF119282.D
 Acq: 9 Mar 2020 12:18

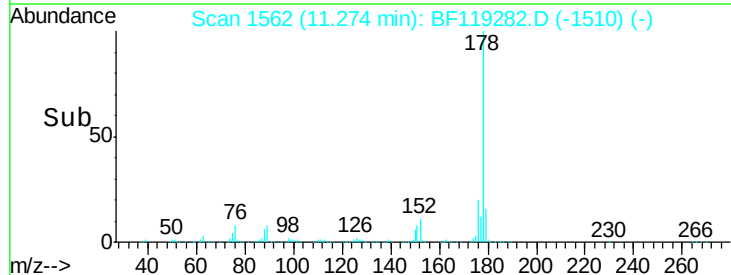
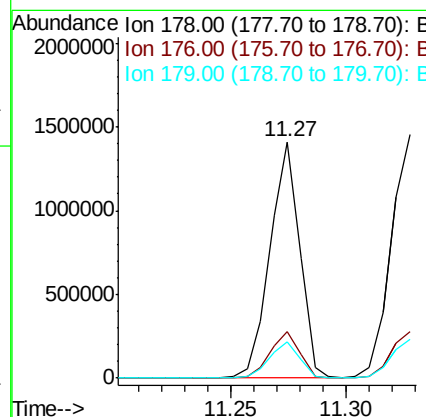
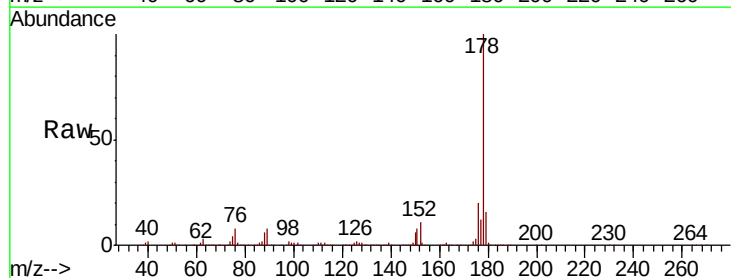
Instrument :
 BNA_F
 ClientSampleId :

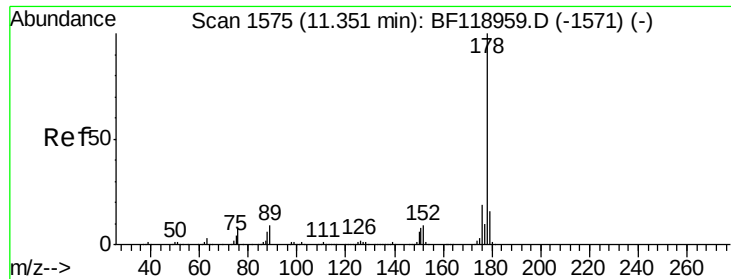
Tot Ion	Ratio	Lower	Upper
266	100		
268	64.7	51.9	77.9
264	62.8	51.0	76.4



#71
 Phenanthrene
 Concen: 45.652 ng
 RT: 11.27 min Scan# 1562
 Delta R.T. 0.01 min
 Lab File: BF119282.D
 Acq: 9 Mar 2020 12:18

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.7	16.5	24.7
179	15.5	13.0	19.6

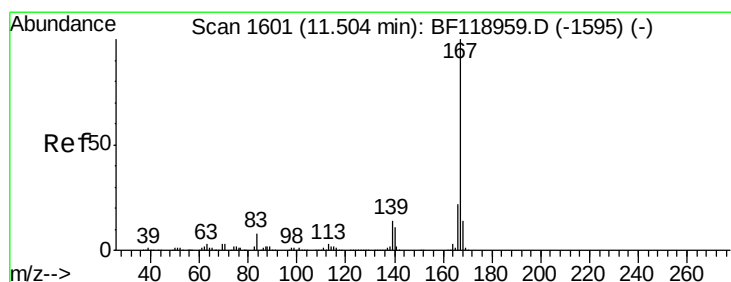
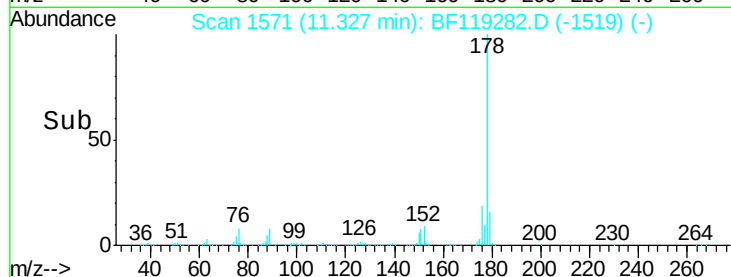
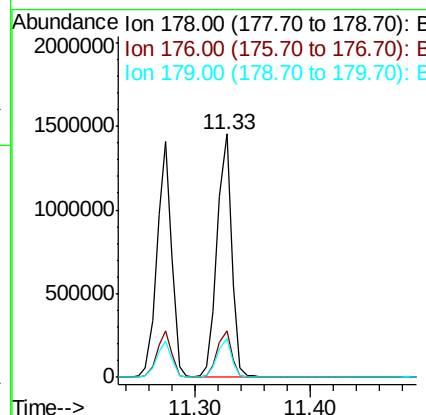
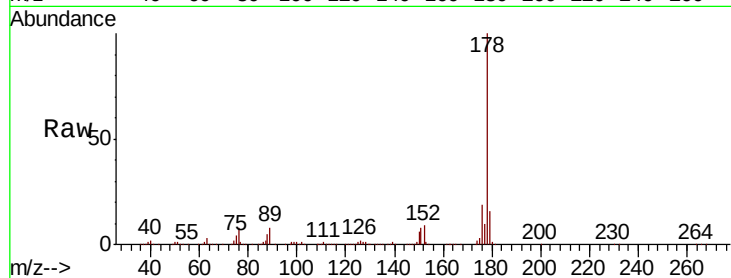




#72
 Anthracene
 Concen: 46.485 ng
 RT: 11.33 min Scan# 1571
 Delta R.T. 0.01 min
 Lab File: BF119282.D
 Acq: 9 Mar 2020 12:18

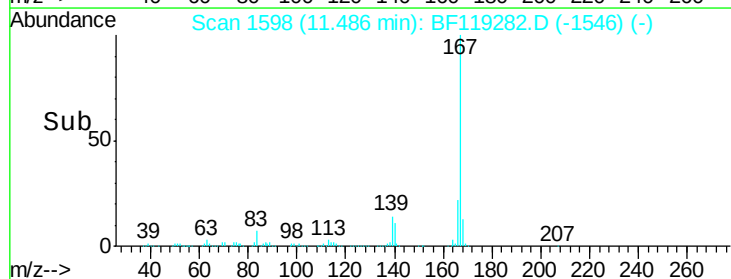
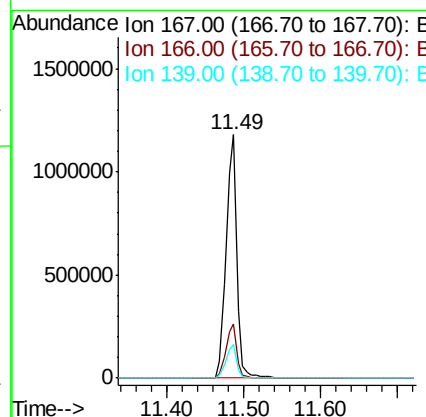
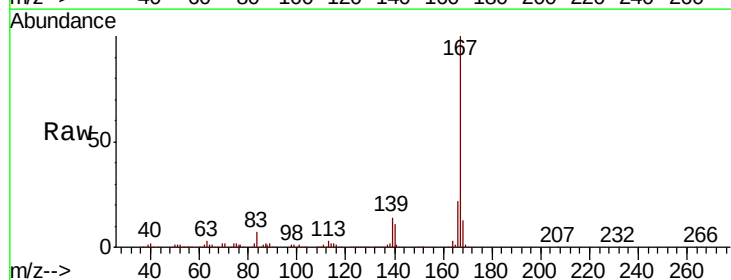
Instrument :
 BNA_F
 ClientSampleId :

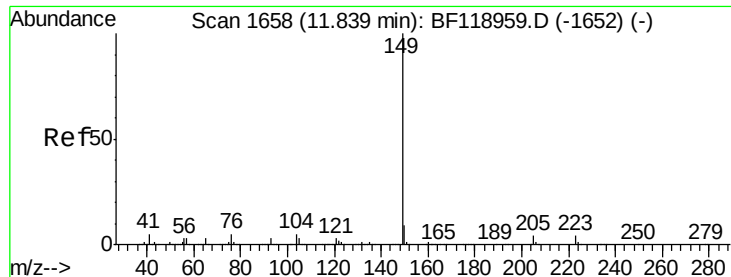
Tot Ion:178 Resp: 1284820
 Ion Ratio Lower Upper
 178 100
 176 19.2 16.0 24.0
 179 15.7 13.1 19.7



#73
 Carbazole
 Concen: 46.142 ng
 RT: 11.49 min Scan# 1598
 Delta R.T. 0.01 min
 Lab File: BF119282.D
 Acq: 9 Mar 2020 12:18

Tgt Ion:167 Resp: 1136150
 Ion Ratio Lower Upper
 167 100
 166 22.2 18.2 27.4
 139 13.6 11.7 17.5





#74

Di-n-butylphthalate

Concen: 47.415 ng

RT: 11.80 min Scan# 1652

Delta R.T. 0.00 min

Lab File: BF119282.D

Acq: 9 Mar 2020 12:18

Instrument :

BNA_F

ClientSampleId :

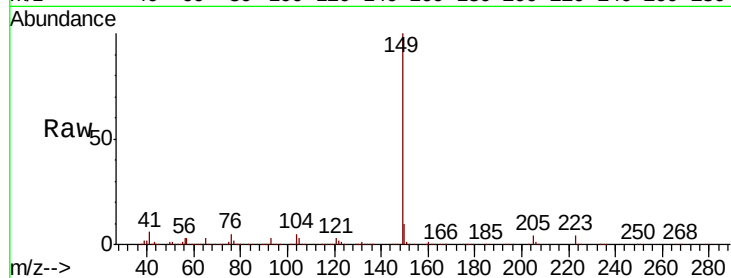
Tot Ion:149 Resp: 1413849

Ion Ratio Lower Upper

149 100

150 9.6 7.9 11.9

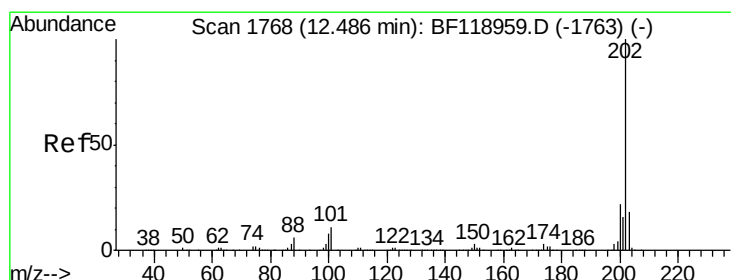
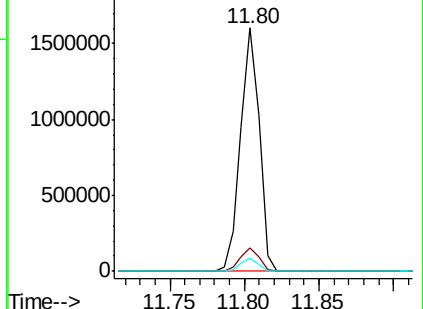
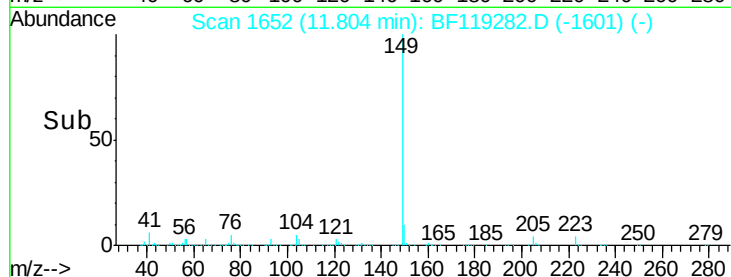
104 5.3 4.6 6.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#75

Fluoranthene

Concen: 44.766 ng

RT: 12.46 min Scan# 1764

Delta R.T. 0.01 min

Lab File: BF119282.D

Acq: 9 Mar 2020 12:18

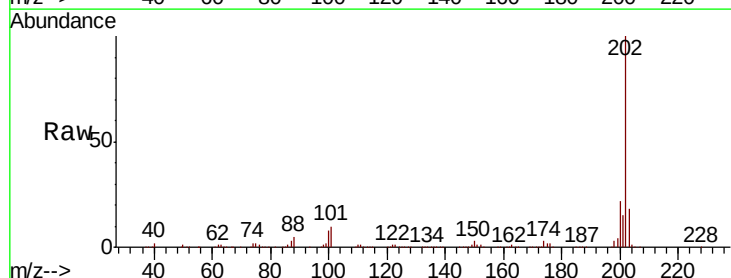
Tgt Ion:202 Resp: 1314460

Ion Ratio Lower Upper

202 100

101 10.2 0.0 30.3

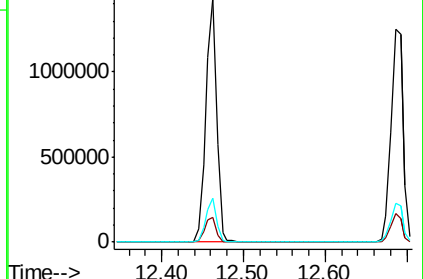
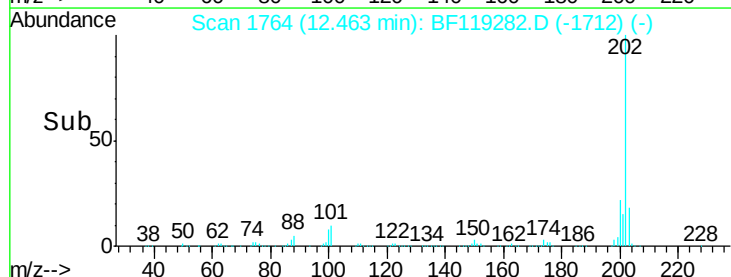
203 17.9 0.0 38.4

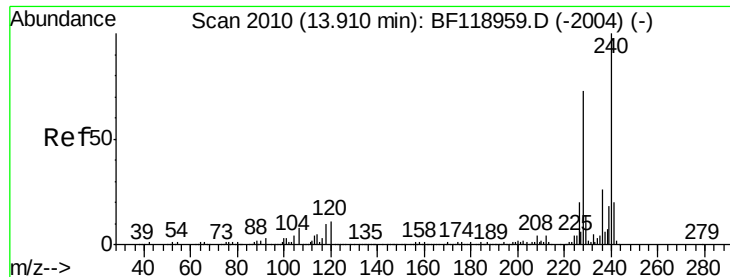


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

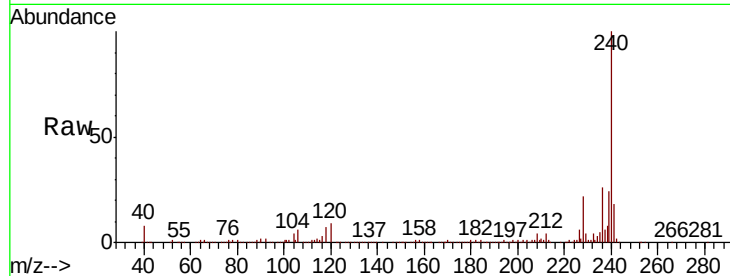




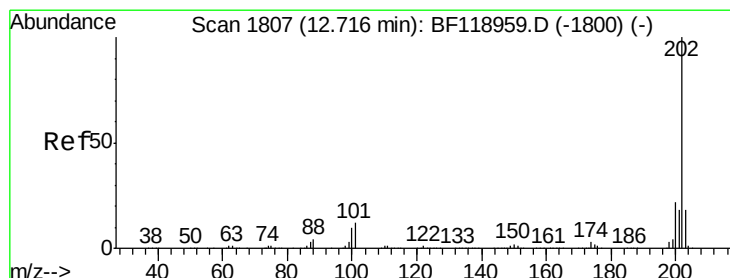
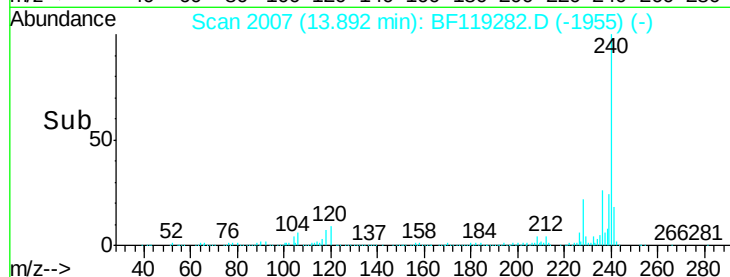
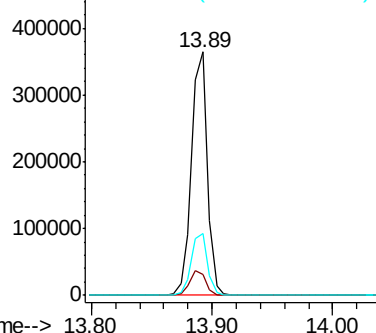
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.89 min Scan# 2007
Delta R.T. 0.01 min
Lab File: BF119282.D
Acq: 9 Mar 2020 12:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion:240 Resp: 328488
Ion Ratio Lower Upper
240 100
120 8.7 8.4 12.6
236 25.6 21.0 31.4

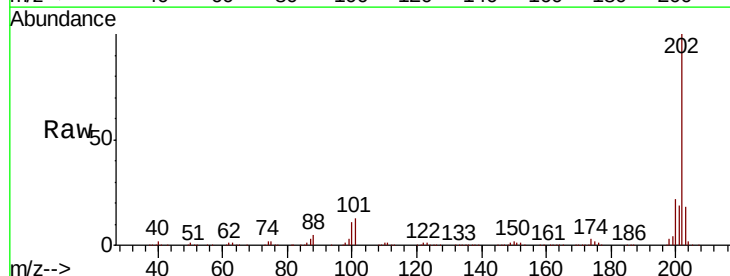


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

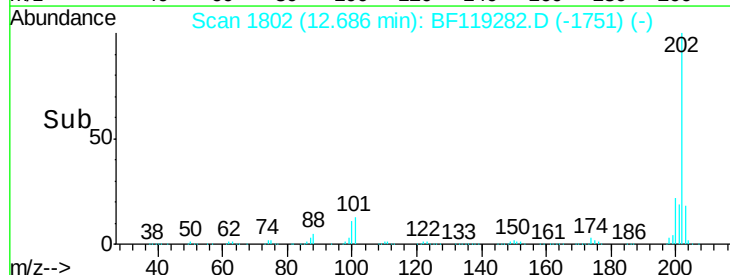
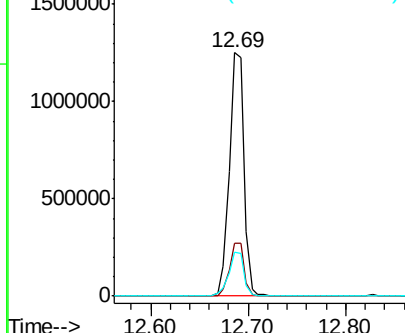


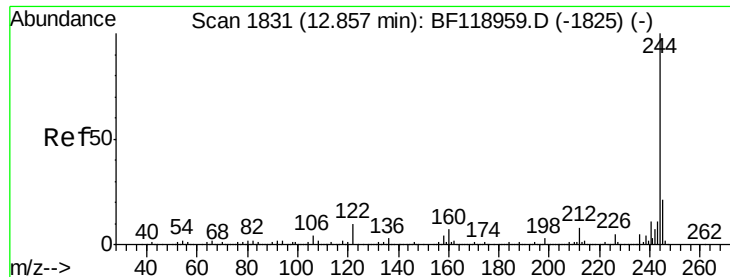
#78
Pyrene
Concen: 49.308 ng
RT: 12.69 min Scan# 1802
Delta R.T. 0.00 min
Lab File: BF119282.D
Acq: 9 Mar 2020 12:18

Tgt Ion:202 Resp: 1300606
Ion Ratio Lower Upper
202 100
200 21.8 18.0 27.0
203 18.3 14.6 22.0



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

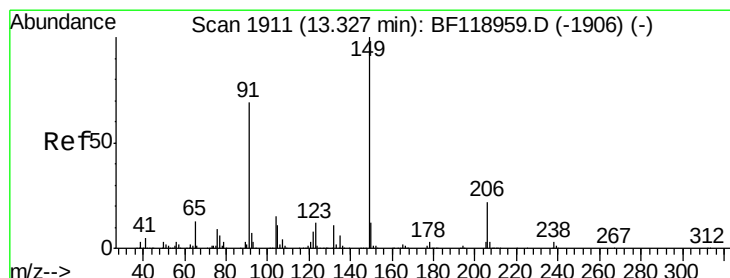
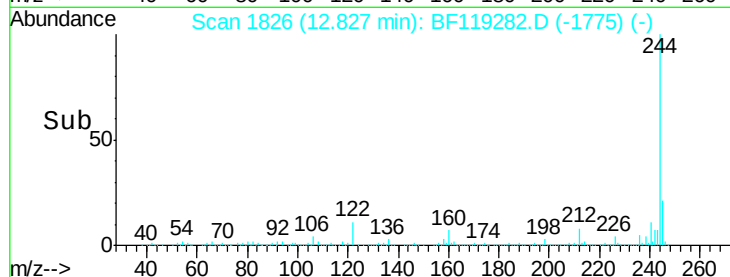
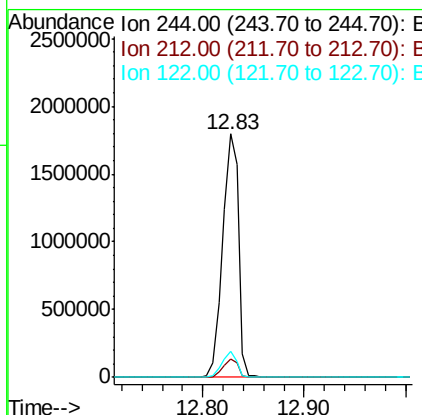
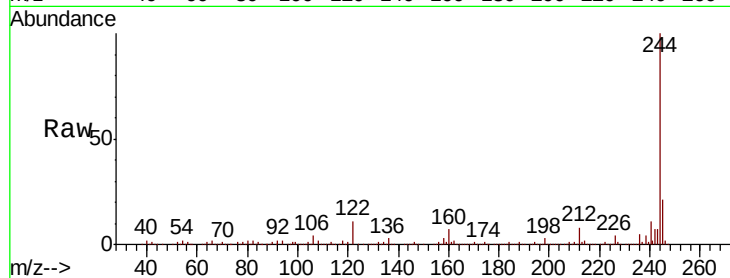




#79
 Terphenyl-d14
 Concen: 101.729 ng
 RT: 12.83 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: BF119282.D
 Acq: 9 Mar 2020 12:18

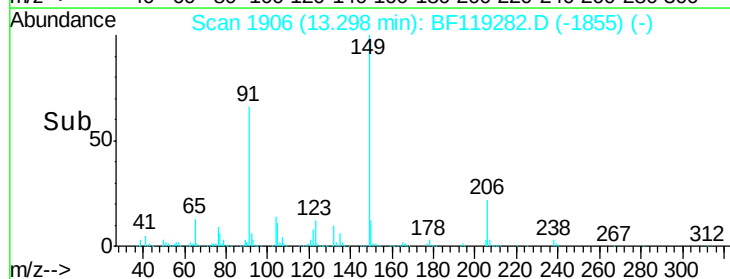
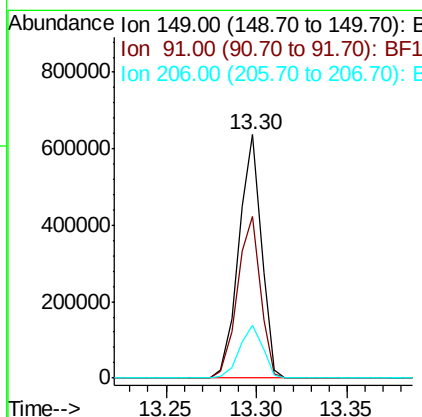
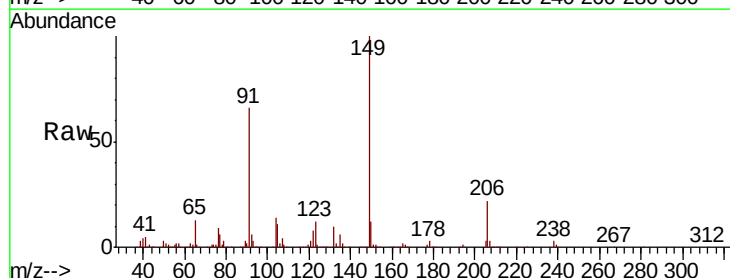
Instrument :
 BNA_F
 ClientSampled :

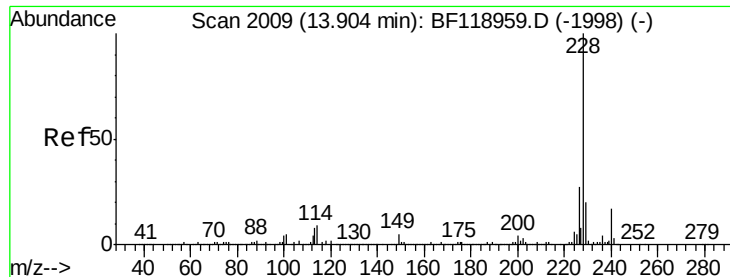
Tot Ion:244 Resp: 1940949
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.6 10.0
 122 10.5 8.2 12.2



#80
 Butylbenzylphthalate
 Concen: 49.823 ng
 RT: 13.30 min Scan# 1906
 Delta R.T. 0.00 min
 Lab File: BF119282.D
 Acq: 9 Mar 2020 12:18

Tgt Ion:149 Resp: 553104
 Ion Ratio Lower Upper
 149 100
 91 66.3 52.3 78.5
 206 21.9 18.5 27.7





#81

Benzo(a)anthracene

Concen: 47.890 ng

RT: 13.88 min Scan# 2005

Delta R.T. 0.01 min

Lab File: BF119282.D

Acq: 9 Mar 2020 12:18

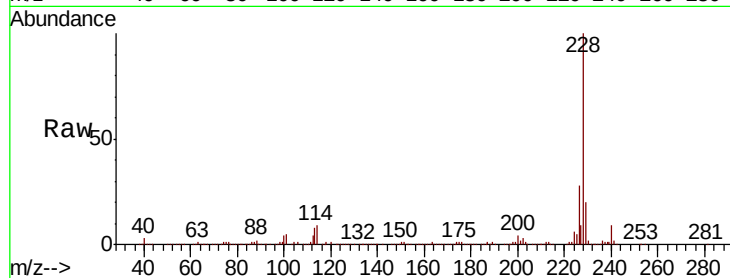
Instrument :

BNA_F

ClientSampled :

Tot Ion:228 Resp: 1071883

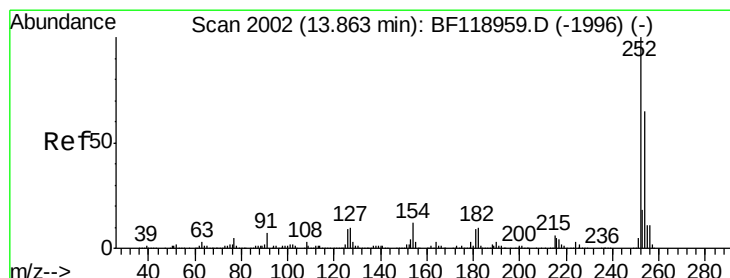
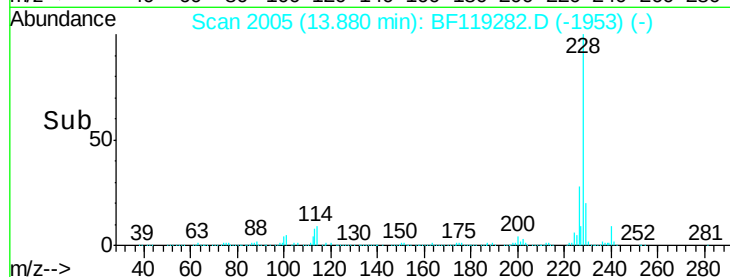
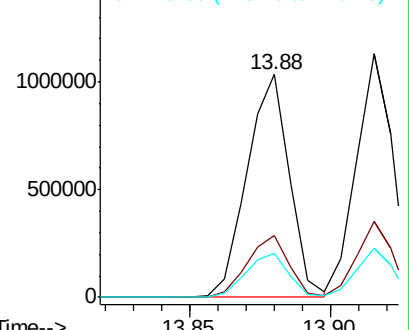
Ion	Ratio	Lower	Upper
228	100		
226	27.7	22.6	33.8
229	19.8	16.6	24.8



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 28.227 ng

RT: 13.83 min Scan# 1997

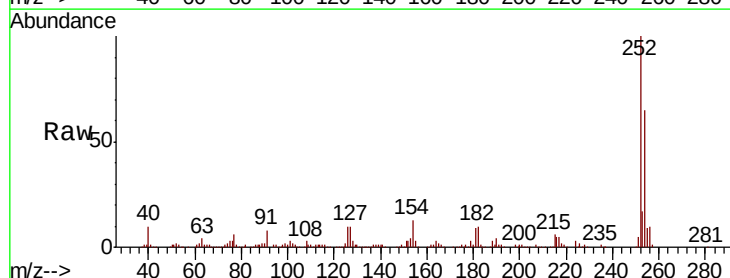
Delta R.T. 0.00 min

Lab File: BF119282.D

Acq: 9 Mar 2020 12:18

Tgt Ion:252 Resp: 245326

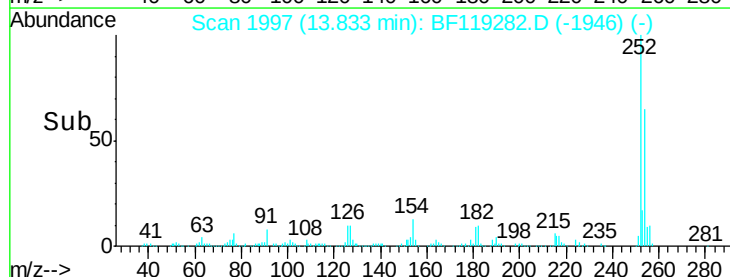
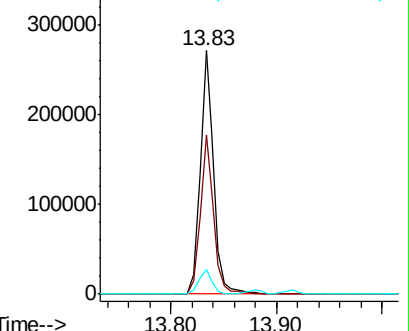
Ion	Ratio	Lower	Upper
252	100		
254	65.2	51.6	77.4
126	10.1	7.4	11.0

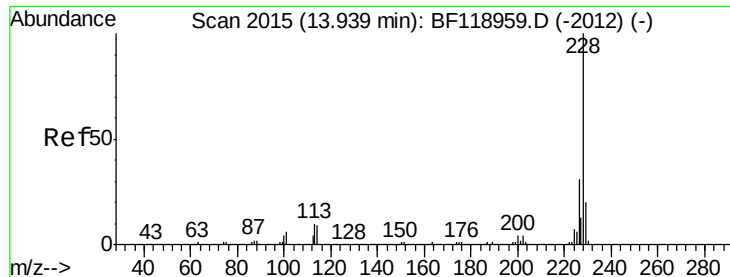


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 45.616 ng

RT: 13.92 min Scan# 2011

Delta R.T. 0.00 min

Lab File: BF119282.D

Acq: 9 Mar 2020 12:18

Instrument :

BNA_F

ClientSampled :

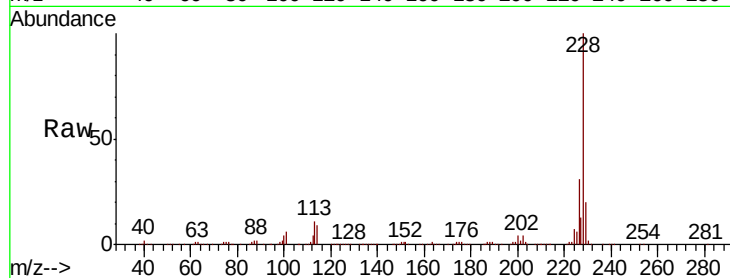
Tot Ion:228 Resp: 1017323

Ion Ratio Lower Upper

228 100

226 31.1 25.1 37.7

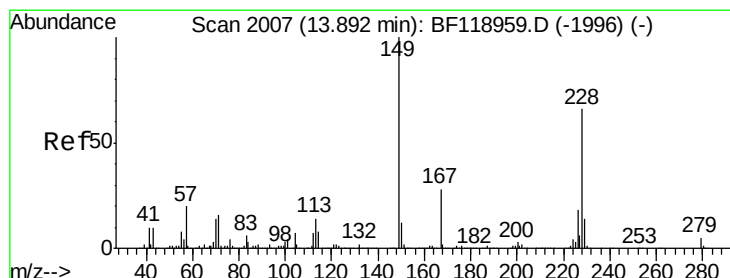
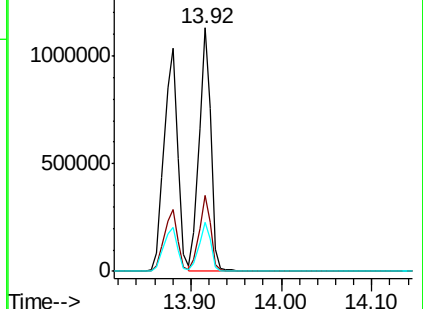
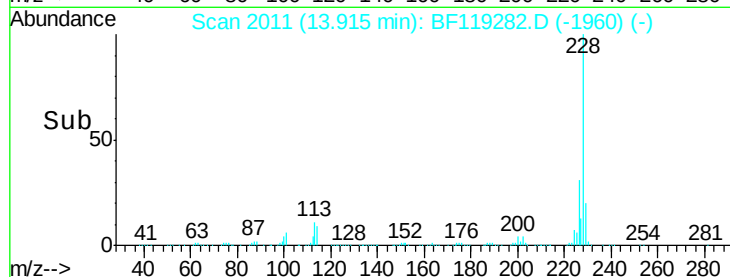
229 20.0 16.3 24.5



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 53.365 ng

RT: 13.86 min Scan# 2001

Delta R.T. 0.00 min

Lab File: BF119282.D

Acq: 9 Mar 2020 12:18

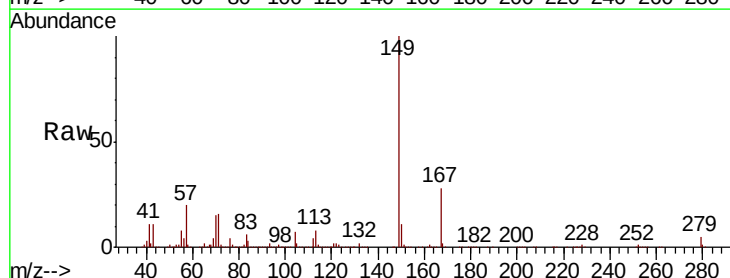
Tgt Ion:149 Resp: 748442

Ion Ratio Lower Upper

149 100

167 27.8 22.8 34.2

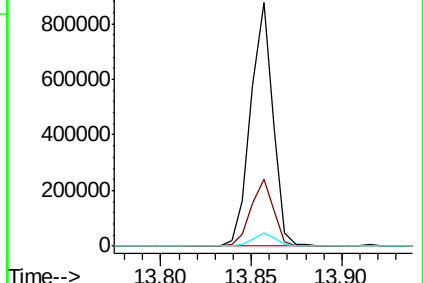
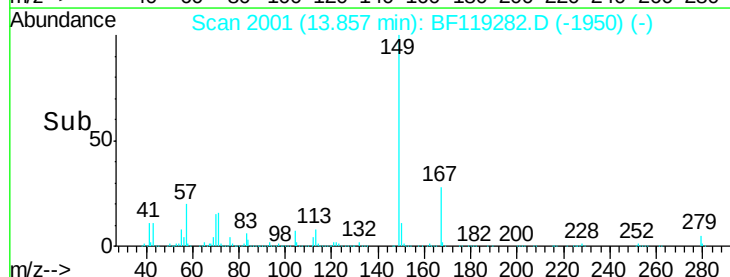
279 5.2 4.6 6.8

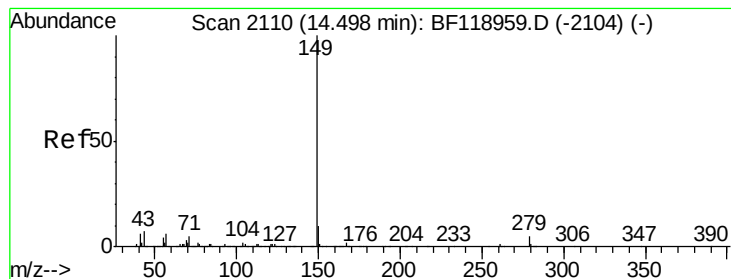


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 50.488 ng

RT: 14.46 min Scan# 2104

Delta R.T. 0.00 min

Lab File: BF119282.D

Acq: 9 Mar 2020 12:18

Instrument :

BNA_F

ClientSampleId :

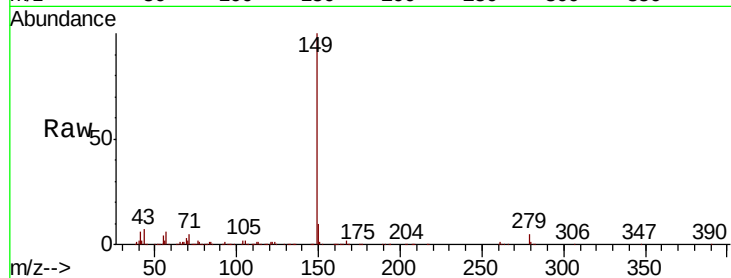
Tot Ion:149 Resp: 1128218

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

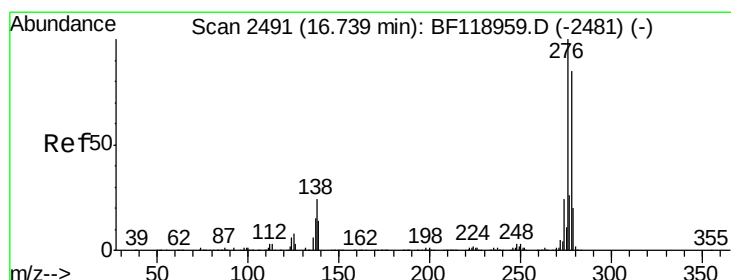
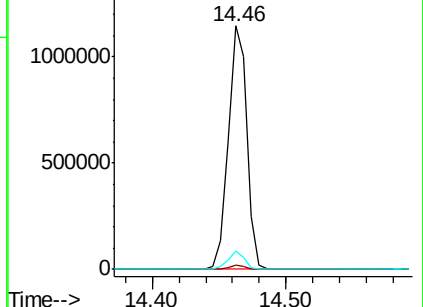
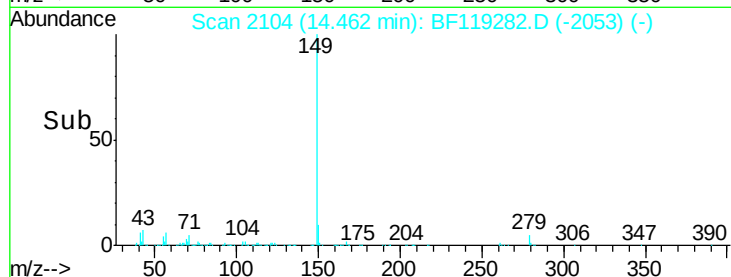
43 6.6 5.7 8.5



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: 40.595 ng

RT: 16.73 min Scan# 2489

Delta R.T. 0.01 min

Lab File: BF119282.D

Acq: 9 Mar 2020 12:18

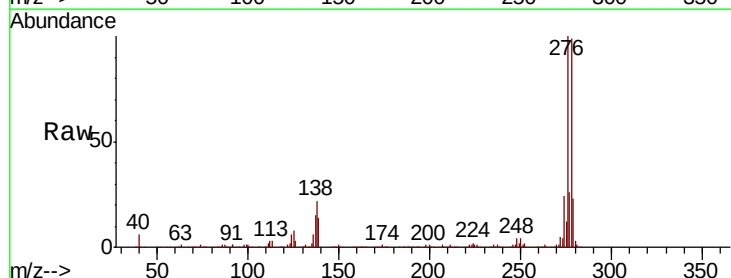
Tgt Ion:276 Resp: 876627

Ion Ratio Lower Upper

276 100

138 21.5 17.4 26.0

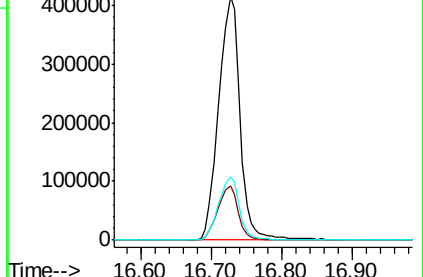
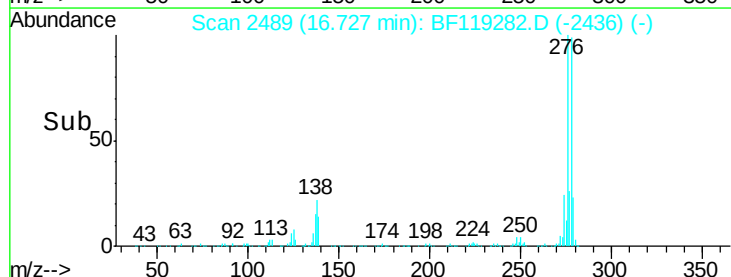
277 25.4 20.3 30.5

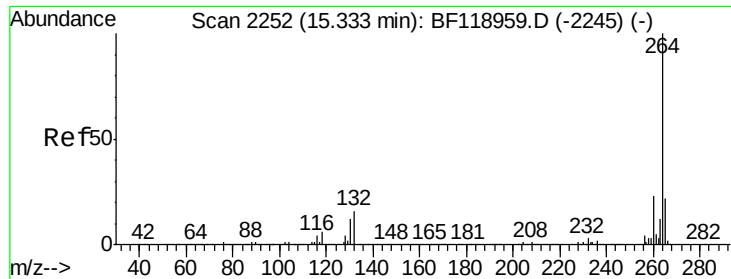


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



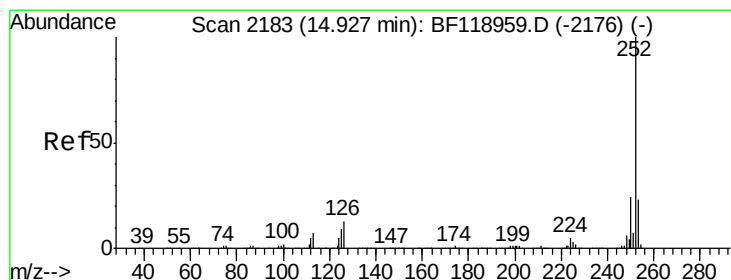
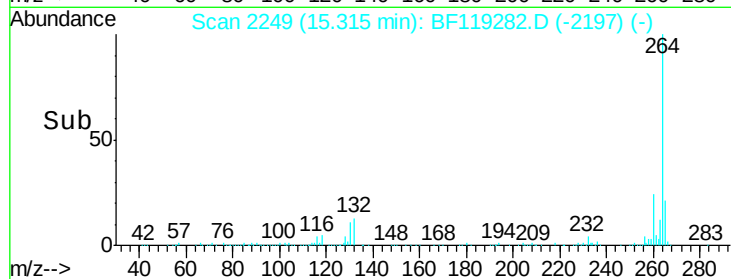
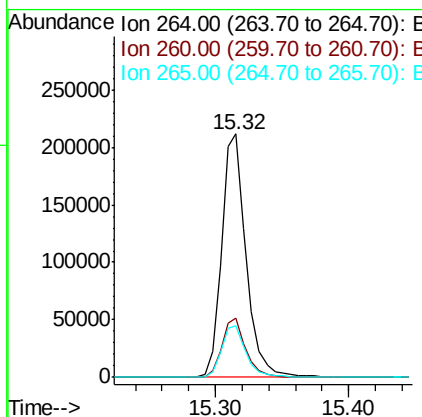
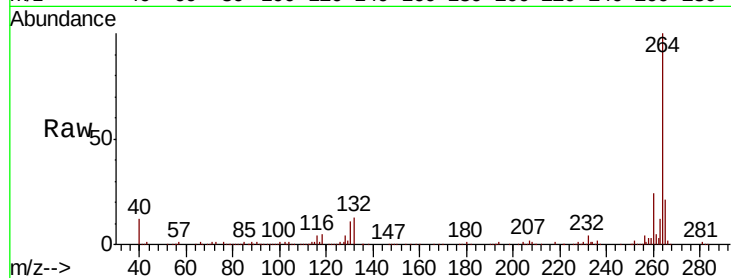


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.32 min Scan# 2249
Delta R.T. 0.01 min
Lab File: BF119282.D
Acq: 9 Mar 2020 12:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 272030

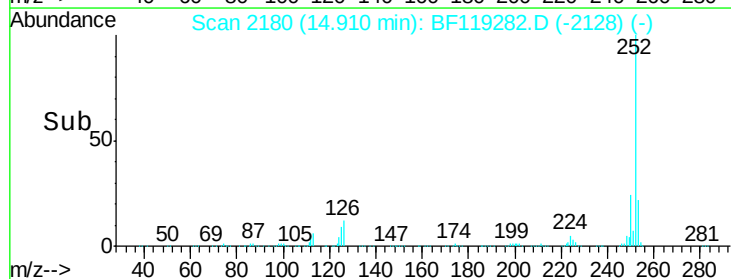
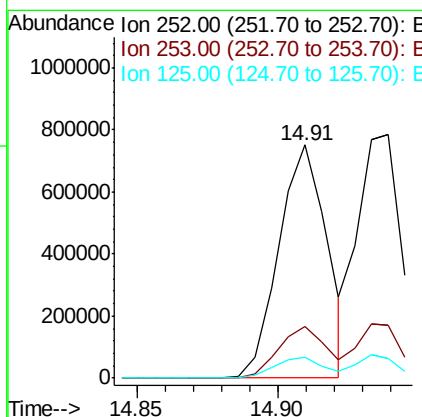
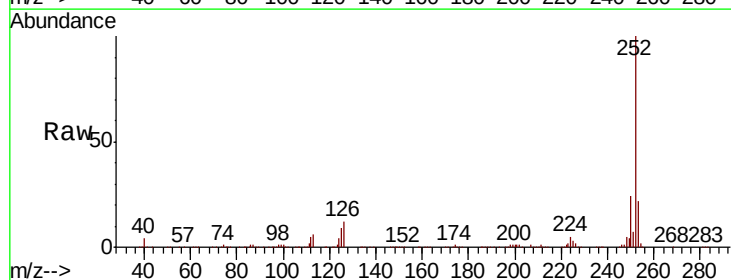
Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.4	29.2
265	21.2	17.7	26.5

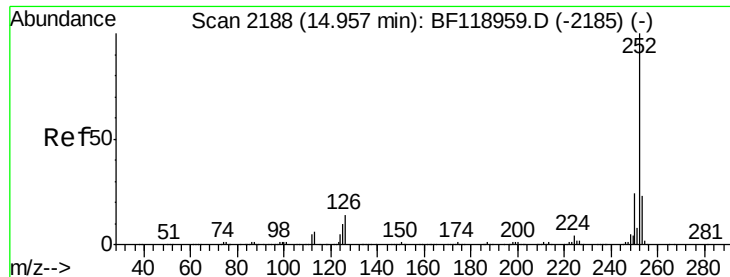


#88
Benzo(b)fluoranthene
Concen: 49.554 ng
RT: 14.91 min Scan# 2180
Delta R.T. 0.01 min
Lab File: BF119282.D
Acq: 9 Mar 2020 12:18

Tgt Ion:252 Resp: 888545

Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.1	27.1
125	8.8	7.4	11.0





#89

Benzo(k)fluoranthene

Concen: 51.981 ng

RT: 14.94 min Scan# 2185

Delta R.T. 0.01 min

Lab File: BF119282.D

Acq: 9 Mar 2020 12:18

Instrument :

BNA_F

ClientSampled :

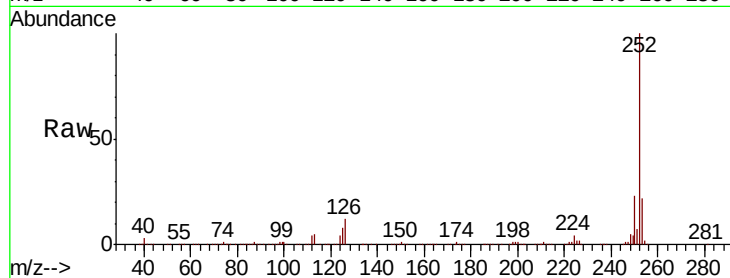
Tot Ion:252 Resp: 863760

Ion Ratio Lower Upper

252 100

253 22.0 17.8 26.8

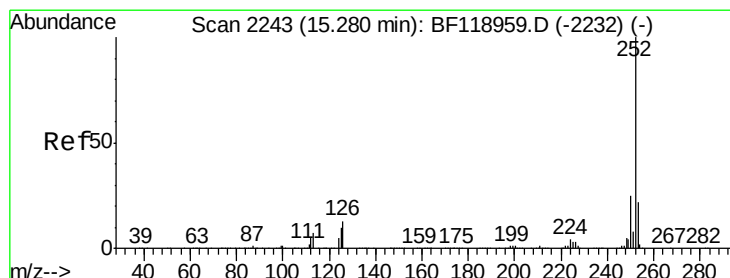
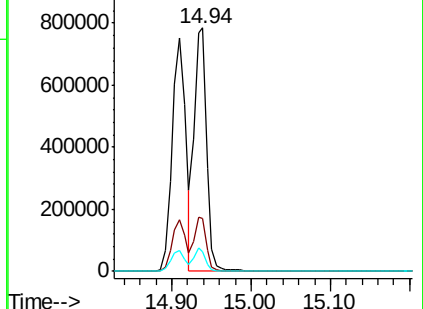
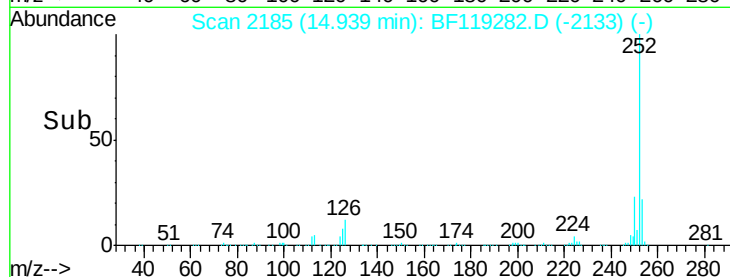
125 8.1 7.5 11.3



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: 46.260 ng

RT: 15.26 min Scan# 2239

Delta R.T. 0.01 min

Lab File: BF119282.D

Acq: 9 Mar 2020 12:18

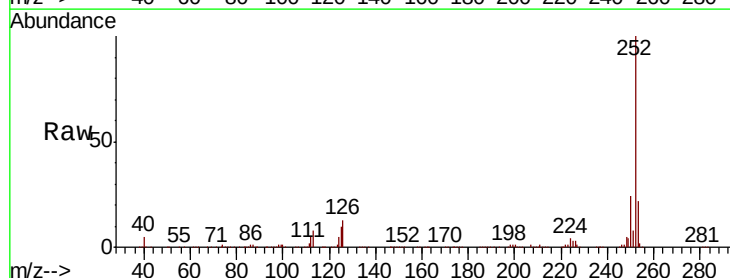
Tgt Ion:252 Resp: 748630

Ion Ratio Lower Upper

252 100

253 21.7 18.0 27.0

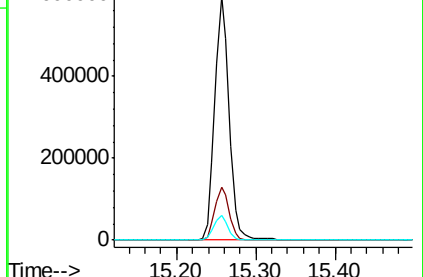
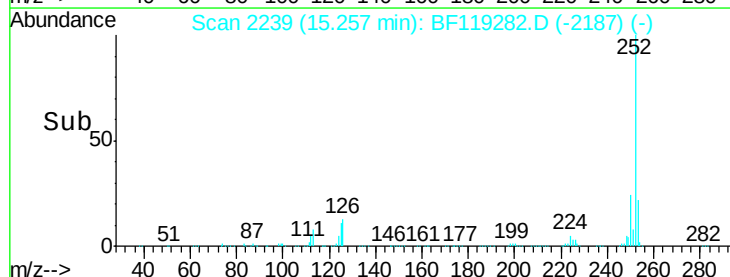
125 10.3 8.6 12.8

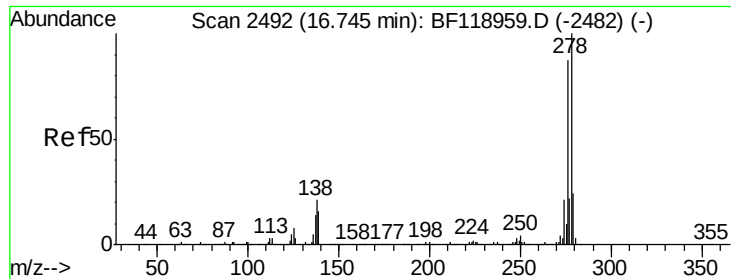


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 52.288 ng

RT: 16.73 min Scan# 2489

Delta R.T. 0.01 min

Lab File: BF119282.D

Acq: 9 Mar 2020 12:18

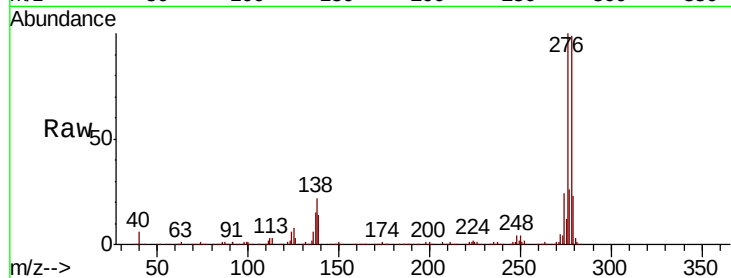
Instrument :

BNA_F

ClientSampleId :

Tot Ion:278 Resp: 744537

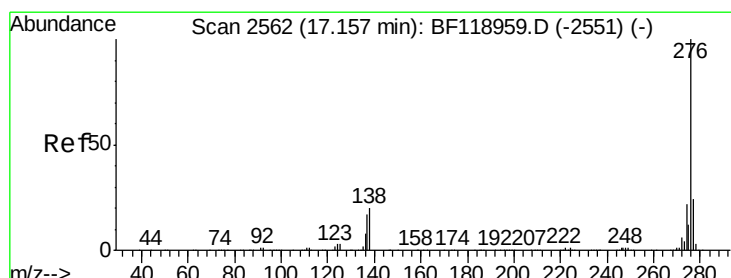
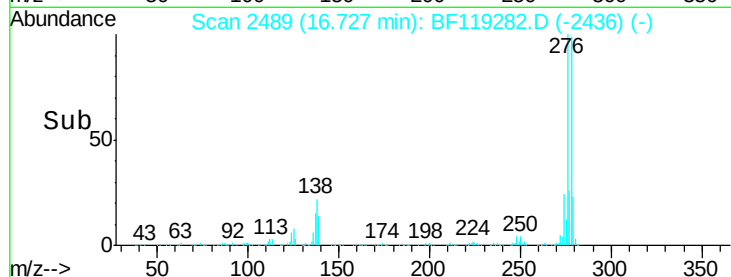
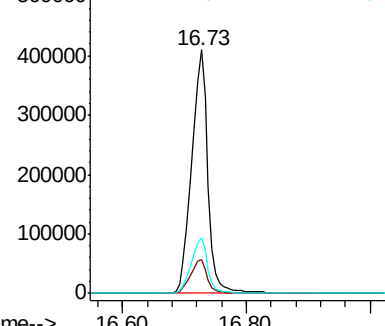
Ion	Ratio	Lower	Upper
278	100		
139	14.0	11.0	16.4
279	22.8	18.6	28.0



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 52.582 ng

RT: 17.14 min Scan# 2560

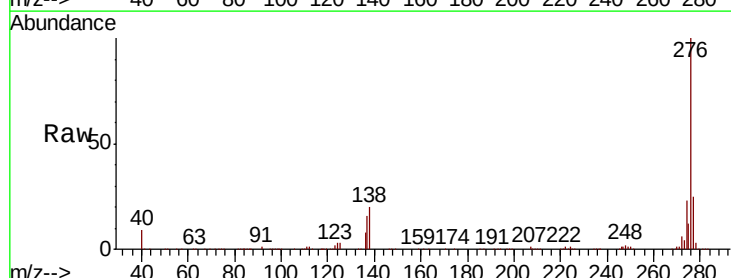
Delta R.T. 0.01 min

Lab File: BF119282.D

Acq: 9 Mar 2020 12:18

Tgt Ion:276 Resp: 739777

Ion	Ratio	Lower	Upper
276	100		
277	25.0	18.7	28.1
138	19.8	14.3	21.5



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

