

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082319\
 Data File : BF116477.D
 Acq On : 23 Aug 2019 14:45
 Operator : HP/JU
 Sample : K4086-01RE
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NB-08-082019RE

Quant Time: Aug 23 16:25:11 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF082319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 23 13:38:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	6392	20.00	ng	0.00
21) Naphthalene-d8	8.43	136	143	20.00	ng	0.27
39) Acenaphthene-d10	10.23	164	670	20.00	ng	0.32
64) Phenanthrene-d10	11.76	188	370	20.00	ng	0.36
76) Chrysene-d12	14.45	240	2465	20.00	ng	0.42
87) Perylene-d12	15.99	264	908	20.00	ng	0.48
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	701024	1602.47	ng	0.00
7) Phenol-d6	6.50	99	1095942	2043.16	ng	0.00
23) Nitrobenzene-d5	7.44	82	710983	272012.91	ng	0.00
42) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
45) 2-Fluorobiphenyl	0.00	172	0	0.00	ng	
79) Terphenyl-d14	13.34	244	762	5.77	ng	0.36
Target Compounds						
						Qvalue
4) n-Nitrosodimethylamine	3.58	42	110	0.522	ng	# 1
6) Aniline	6.52	93	358	0.493	ng	# 1
8) 2-Chlorophenol	6.66	128	328	0.714	ng	# 1
9) Benzaldehyde	6.43	77	1202	3.354	ng	# 78
10) Phenol	6.52	94	16075	27.597	ng	# 92
11) bis(2-Chloroethyl)ether	6.61	93	119	0.268	ng	# 21
15) Benzyl Alcohol	7.04	79	13732	31.634	ng	# 46
16) 2,2'-oxybis(1-Chloropropan	7.15	45	612	0.998	ng	# 65
17) 2-Methylphenol	7.12	107	162	0.426	ng	# 66
18) Hexachloroethane	7.42	117	436	2.338	ng	# 1
19) n-Nitroso-di-n-propylamine	7.44	70	99249	271.161	ng	# 77
20) 3+4-Methylphenols	7.27	107	1872	4.018	ng	# 72
22) Acetophenone	7.53	105	600	167.795	ng	# 55
24) Nitrobenzene	7.72	77	120	44.332	ng	# 38
25) Isophorone	7.97	82	932	180.940	ng	# 1
27) 2,4-Dimethylphenol	7.94	122	268	129.907	ng	# 64
28) bis(2-Chloroethoxy)methane	8.18	93	829	260.613	ng	# 1
29) 2,4-Dichlorophenol	8.33	162	804	409.798	ng	# 25
31) Naphthalene	8.18	128	10811	1562.801	ng	# 98
32) Benzoic acid	7.94	122	268	203.203	ng	# 46
33) 4-Chloroaniline	8.55	127	281	92.530	ng	# 1
35) Caprolactam	8.87	113	128	187.300	ng	# 1
36) 4-Chloro-3-methylphenol	9.00	107	570	257.489	ng	# 22
37) 2-Methylnaphthalene	9.23	142	675	142.112	ng	# 1
38) 1-Methylnaphthalene	9.23	142	675	152.132	ng	# 66
43) 2,4,6-Trichlorophenol	9.35	196	134	10.622	ng	# 11
44) 2,4,5-Trichlorophenol	9.35	196	134	10.439	ng	# 1
46) 1,1'-Biphenyl	9.63	154	3113	58.114	ng	# 41
47) 2-Chloronaphthalene	9.63	162	146	3.516	ng	# 1
48) 2-Nitroaniline	9.75	65	137	10.774	ng	# 53
49) Acenaphthylene	10.06	152	839	13.809	ng	# 1
51) 2,6-Dinitrotoluene	10.02	165	491	51.316	ng	# 87
52) Acenaphthene	10.26	154	728	18.673	ng	# 1
53) 3-Nitroaniline	10.19	138	749	65.671	ng	# 56

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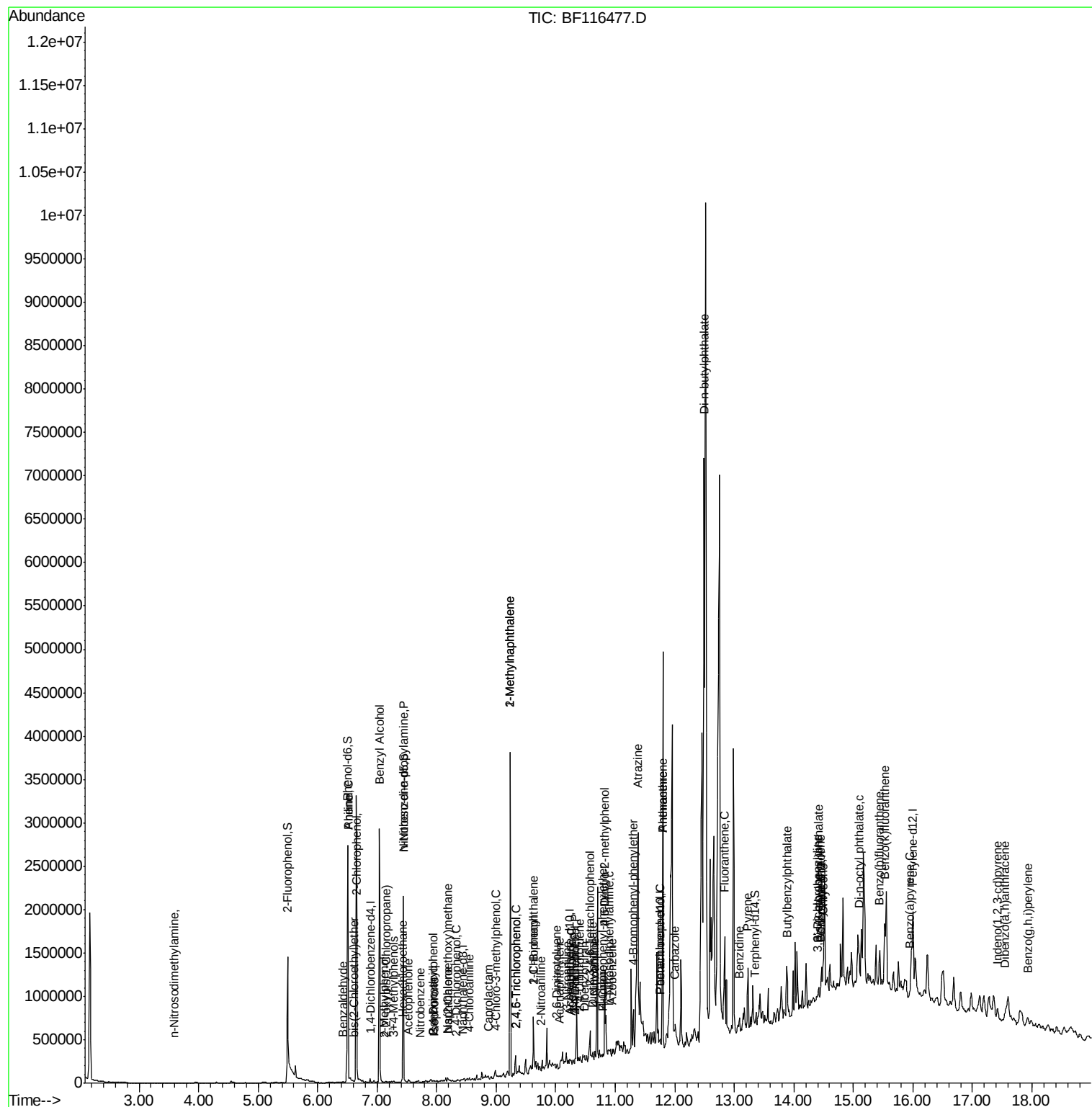
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
54) 2,4-Dinitrophenol	10.32	184	605	152.908	nq	# 38
55) Dibenzofuran	10.47	168	603	11.095	nq	# 1
56) 4-Nitrophenol	10.32	139	742	83.701	nq	# 1
57) 2,4-Dinitrotoluene	10.41	165	3113	255.684	nq	# 49
58) Fluorene	10.78	166	413	9.781	nq	# 1
59) 2,3,4,6-Tetrachlorophenol	10.58	232	172	16.318	nq	# 1
60) Diethylphthalate	10.62	149	490	10.665	nq	# 38
61) 4-Chlorophenyl-phenylether	10.79	204	524	25.438	nq	# 1
62) 4-Nitroaniline	10.66	138	601	53.878	nq	# 91
63) Azobenzene	10.95	77	1542	32.641	nq	# 40
65) 4,6-Dinitro-2-methylphenol	10.82	198	1608	912.192	nq	# 1
66) n-Nitrosodiphenylamine	10.90	169	6305	526.272	nq	# 45
67) 4-Bromophenyl-phenylether	11.31	248	116	29.904	nq	# 1
69) Atrazine	11.38	200	4071	1134.120	nq	# 64
70) Pentachlorophenol	11.76	266	112	44.744	nq	# 1
71) Phenanthrene	11.81	178	1377	68.317	nq	# 1
72) Anthracene	11.81	178	1377	67.986	nq	# 1
73) Carbazole	12.00	167	787	43.288	nq	# 1
74) Di-n-butylphthalate	12.49	149	57873	2568.892	nq	# 1
75) Fluoranthene	12.84	202	412670	19803.120	nq	# 97
77) Benzidine	13.07	184	556	5.606	nq	# 1
78) Pyrene	13.22	202	1273	6.458	nq	# 1
80) Butylbenzylphthalate	13.90	149	10055	118.108	nq	# 83
81) Benzo(a)anthracene	14.45	228	1084	6.790	nq	# 1
82) 3,3'-Dichlorobenzidine	14.39	252	1478	25.978	nq	# 9
83) Chrysene	14.49	228	1327	8.201	nq	# 1
84) Bis(2-ethylhexyl)phthalate	14.43	149	407	3.585	nq	# 59
85) Di-n-octyl phthalate	15.10	149	11118	57.688	nq	# 76
86) Indeno(1,2,3-cd)pyrene	17.43	276	120689	870.689	nq	# 93
88) Benzo(b)fluoranthene	15.44	252	212186	3782.820	nq	# 95
89) Benzo(k)fluoranthene	15.53	252	53857	1059.835	nq	# 68
90) Benzo(a)pyrene	15.94	252	874	17.630	nq	# 1
91) Dibenzo(a,h)anthracene	17.54	278	2424	59.505	nq	# 1
92) Benzo(g,h,i)perylene	17.93	276	634	16.325	nq	# 1

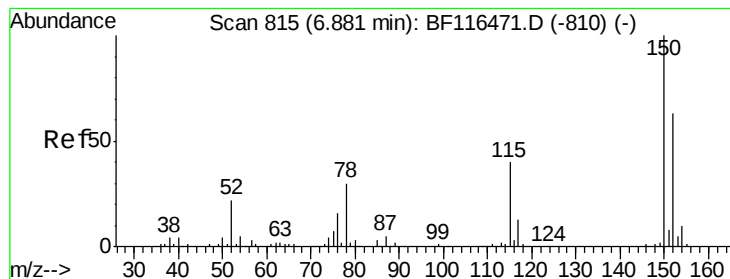
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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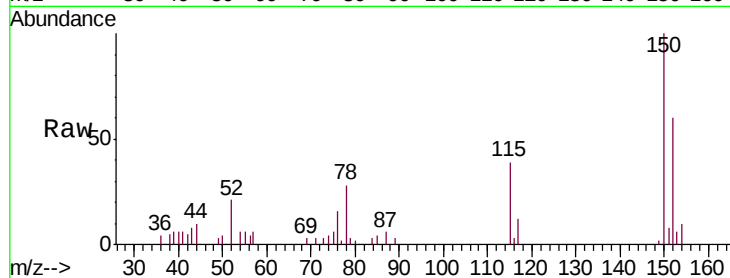


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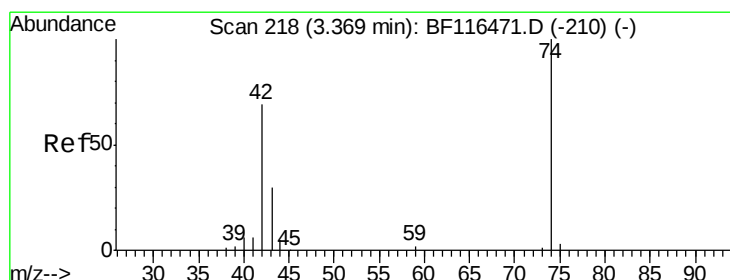
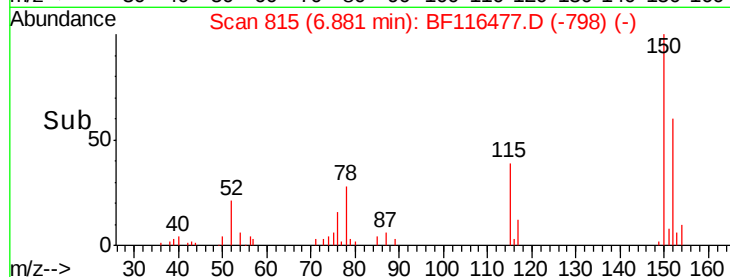
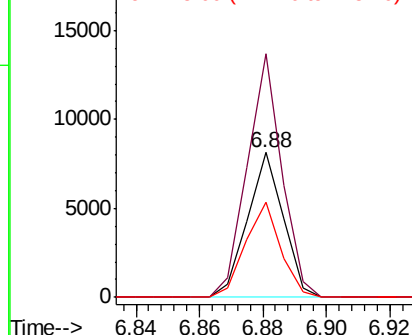
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. 0.00 min
Lab File: BF116477.D
Acq: 23 Aug 2019 14:45

Instrument :
BNA_F
ClientSampleId :
NB-08-082019RE

Tot Ion:152 Resp: 6392
Ion Ratio Lower Upper
152 100
150 168.0 126.7 190.1
115 65.5 50.9 76.3



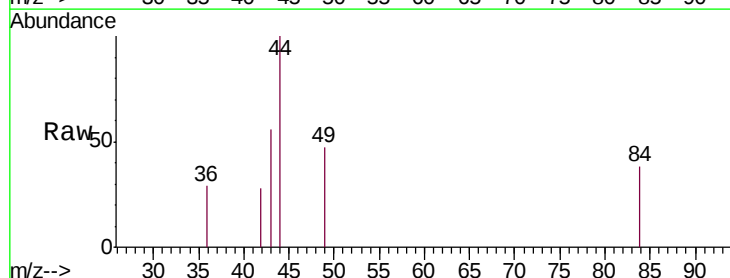
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



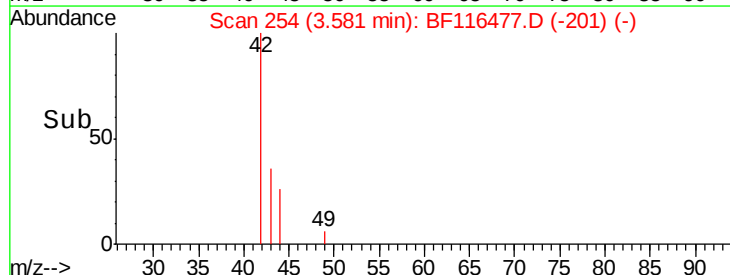
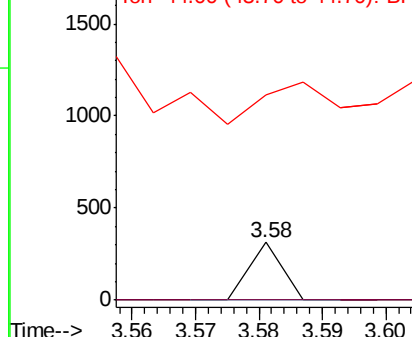
#4

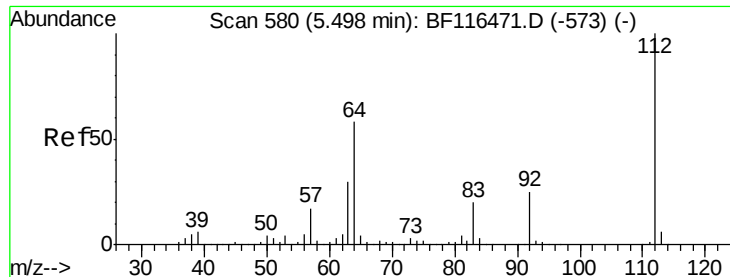
n-Nitrosodimethylamine
Concen: 0.522 ng
RT: 3.58 min Scan# 254
Delta R.T. 0.21 min
Lab File: BF116477.D
Acq: 23 Aug 2019 14:45

Tgt Ion: 42 Resp: 110
Ion Ratio Lower Upper
42 100
74 0.0 115.3 172.9#
44 355.9 5.8 8.8#



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





#5

2-Fluorophenol

Concen: 1602.469 ng

RT: 5.50 min Scan# 580

Delta R.T. 0.00 min

Lab File: BF116477.D

Acq: 23 Aug 2019 14:45

Instrument :

BNA_F

ClientSampleId :

NB-08-082019RE

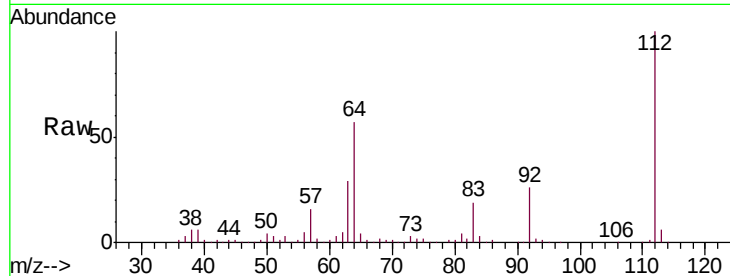
Tot Ion:112 Resp: 701024

Ion Ratio Lower Upper

112 100

64 57.2 46.3 69.5

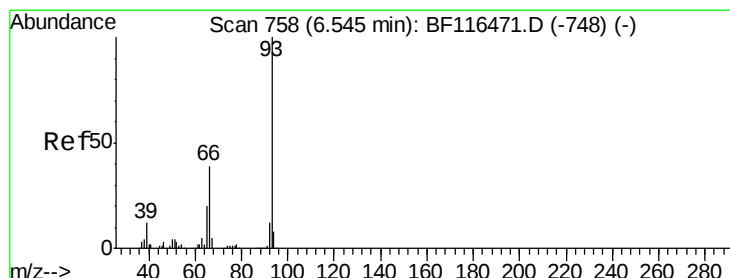
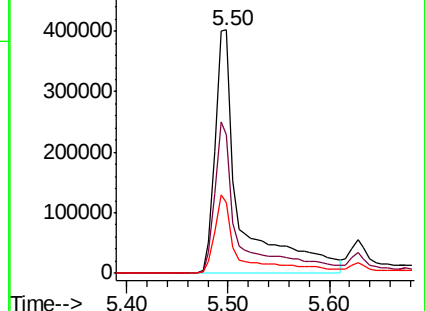
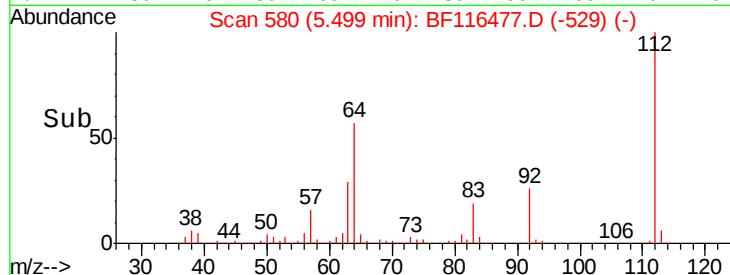
63 29.1 24.2 36.4



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 0.493 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.03 min

Lab File: BF116477.D

Acq: 23 Aug 2019 14:45

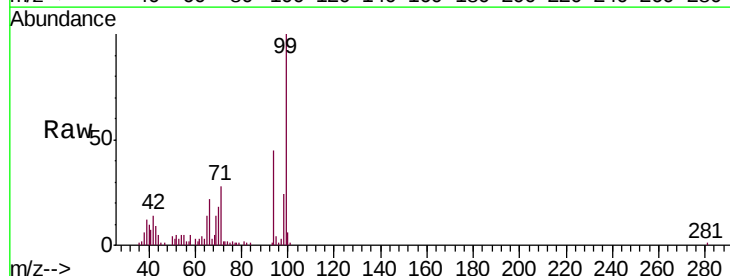
Tgt Ion: 93 Resp: 358

Ion Ratio Lower Upper

93 100

66 1909.5 32.2 48.2#

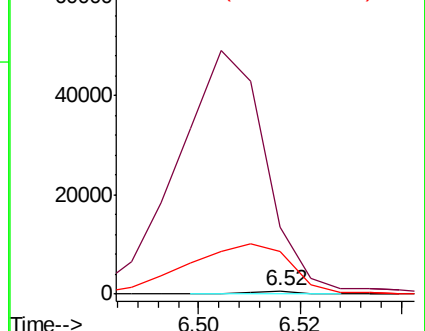
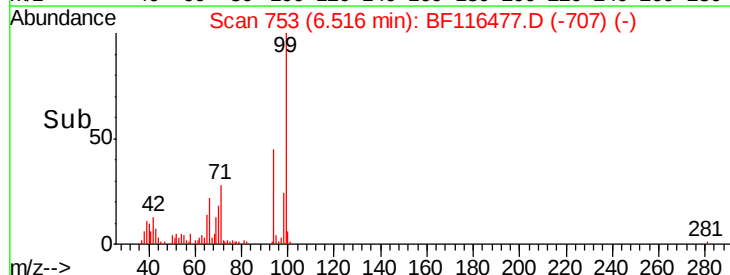
65 1205.7 16.3 24.5#

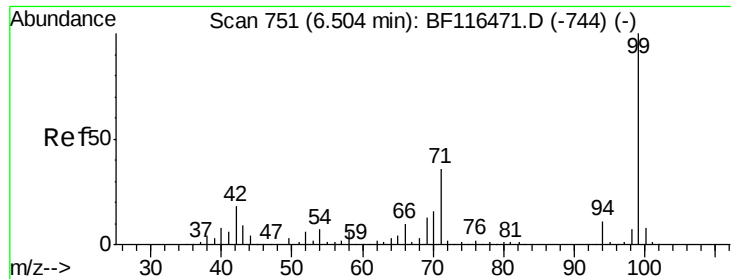


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 2043.157 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.00 min

Lab File: BF116477.D

Acq: 23 Aug 2019 14:45

Instrument :

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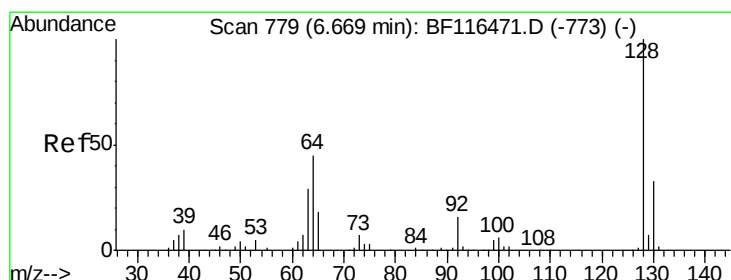
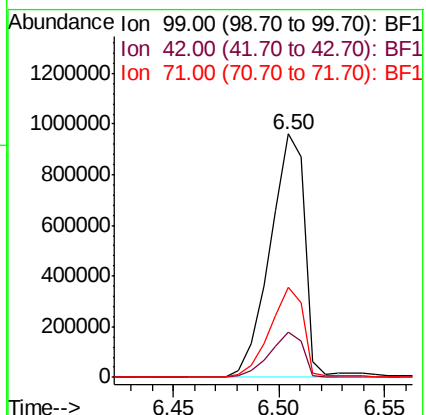
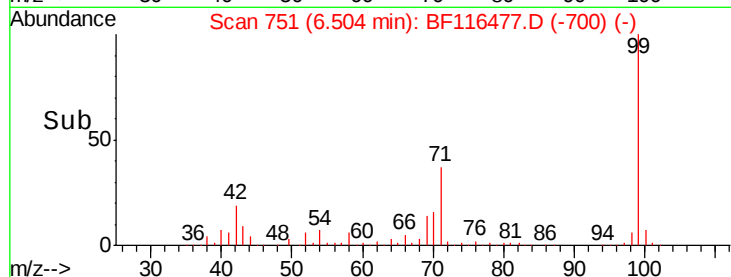
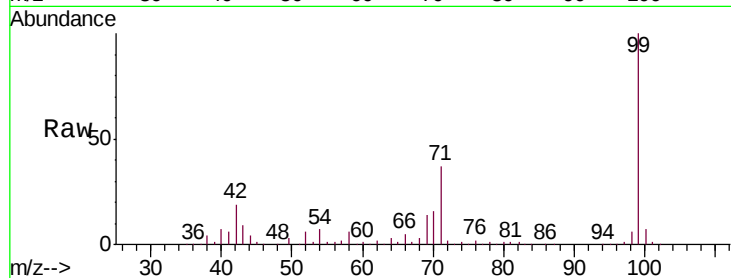
Tot Ion: 99 Resp: 1095942

Ion Ratio Lower Upper

99 100

42 18.6 14.6 21.8

71 37.0 28.5 42.7



#8

2-Chlorophenol

Concen: 0.714 ng

RT: 6.66 min Scan# 778

Delta R.T. -0.01 min

Lab File: BF116477.D

Acq: 23 Aug 2019 14:45

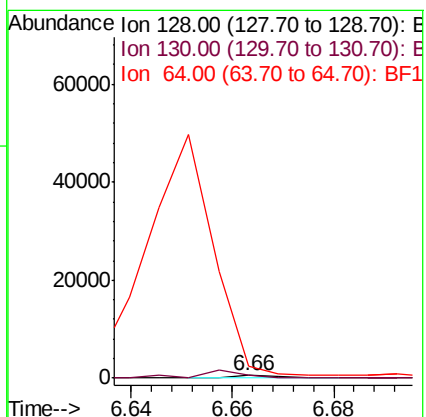
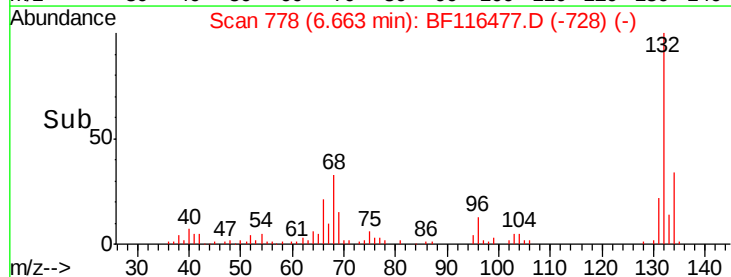
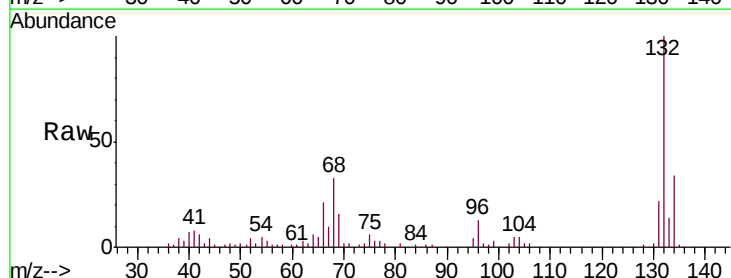
Tgt Ion: 128 Resp: 328

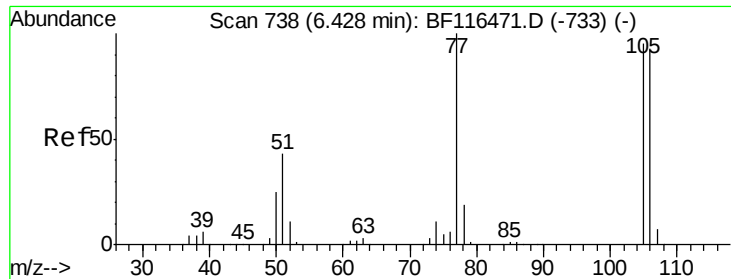
Ion Ratio Lower Upper

128 100

130 130.0 13.4 53.4#

64 450.9 26.3 66.3#

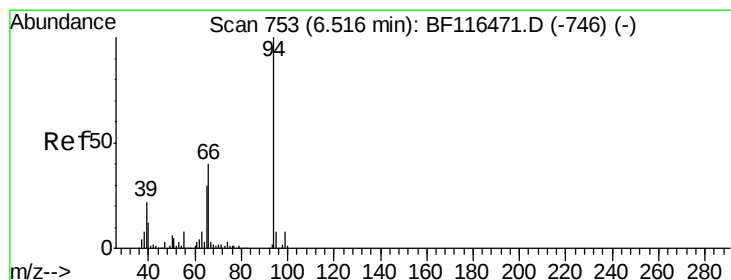
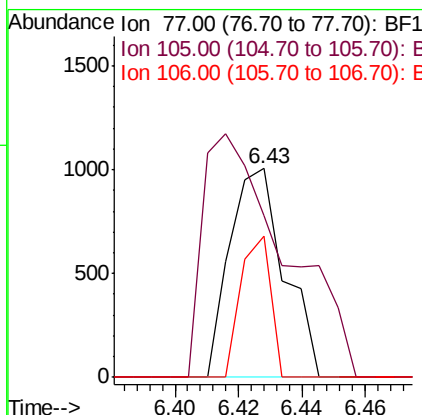
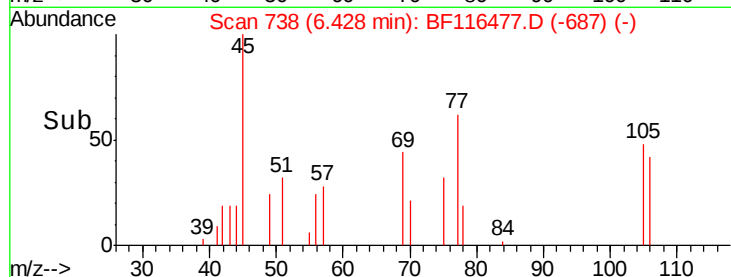
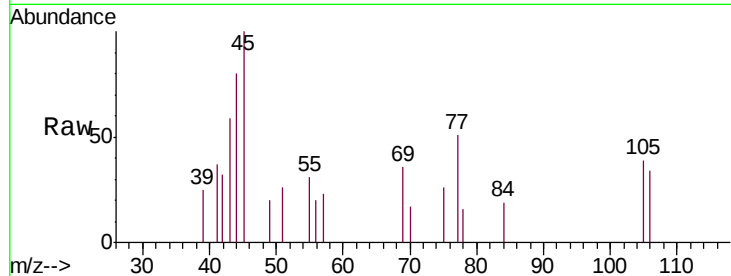




#9
Benzaldehyde
Concen: 3.354 ng
RT: 6.43 min Scan# 738
Delta R.T. 0.00 min
Lab File: BF116477.D
Acq: 23 Aug 2019 14:45

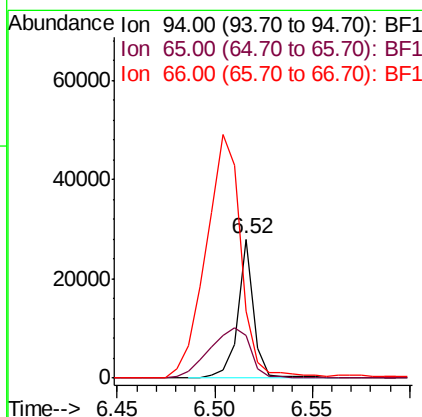
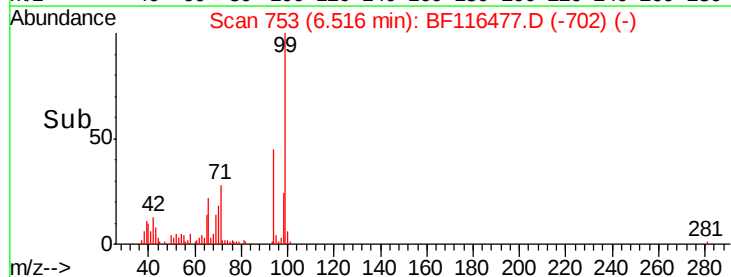
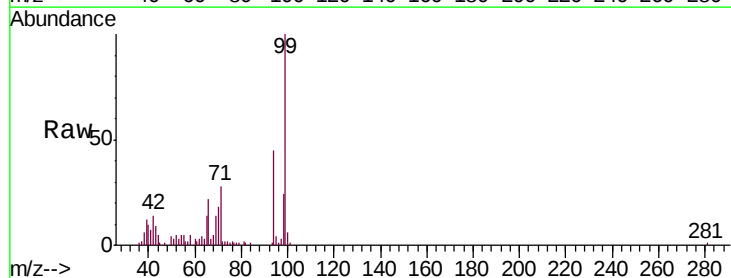
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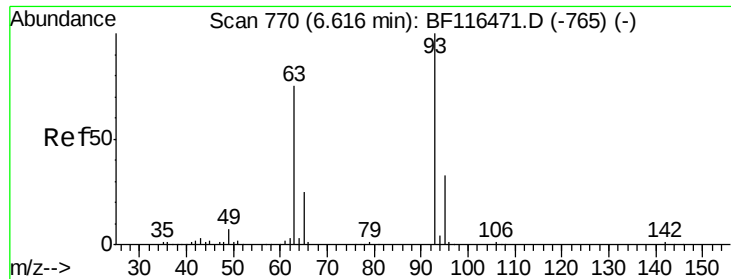
Tot Ion: 77 Resp: 1202
Ion Ratio Lower Upper
77 100
105 77.5 75.5 115.5
106 67.8 73.2 113.2#



#10
Phenol
Concen: 27.597 ng
RT: 6.52 min Scan# 753
Delta R.T. 0.00 min
Lab File: BF116477.D
Acq: 23 Aug 2019 14:45

Tgt Ion: 94 Resp: 16075
Ion Ratio Lower Upper
94 100
65 30.2 10.0 50.0
66 47.8 19.8 59.8





#11

bis(2-Chloroethyl)ether

Concen: 0.268 ng

RT: 6.61 min Scan# 769

Delta R.T. -0.01 min

Lab File: BF116477.D

Acq: 23 Aug 2019 14:45

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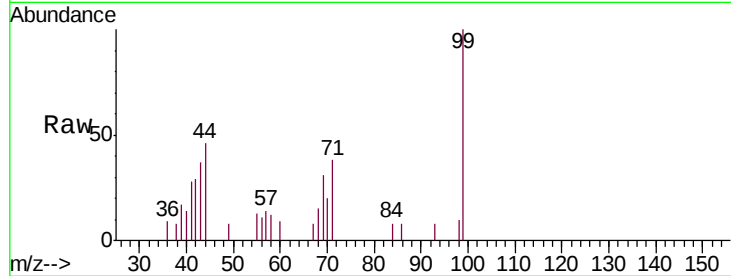
Tot Ion: 93 Resp: 119

Ion Ratio Lower Upper

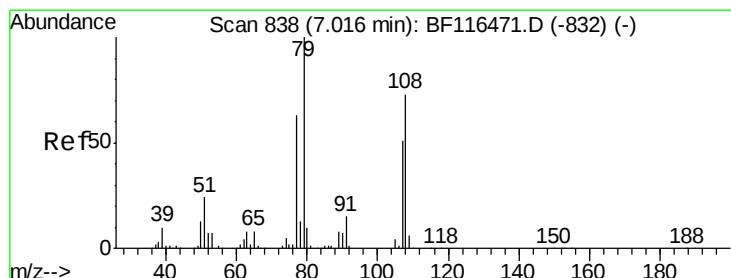
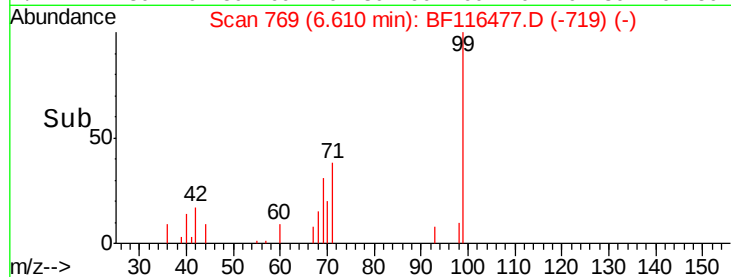
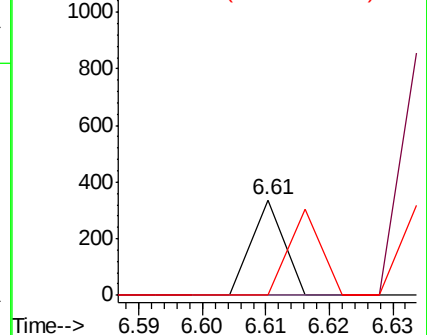
93 100

63 0.0 54.3 94.3#

95 0.0 13.3 53.3#



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



#15

Benzyl Alcohol

Concen: 31.634 ng

RT: 7.04 min Scan# 842

Delta R.T. 0.02 min

Lab File: BF116477.D

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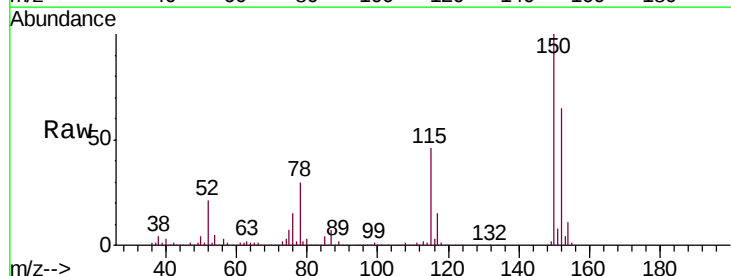
Tgt Ion: 79 Resp: 13732

Ion Ratio Lower Upper

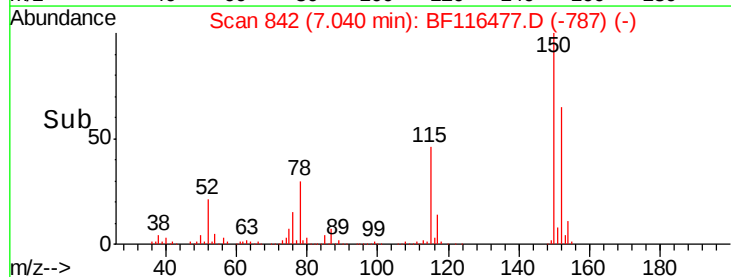
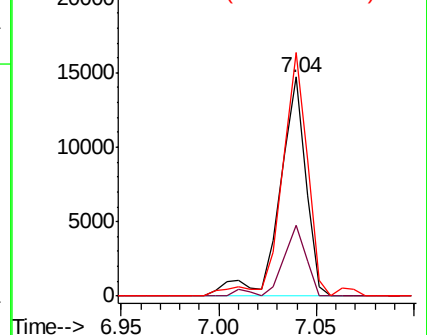
79 100

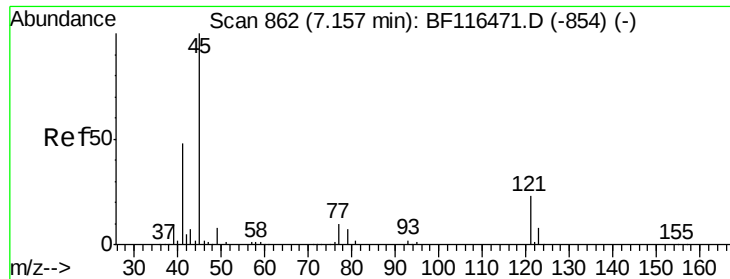
108 32.5 58.1 87.1#

77 111.2 50.6 76.0#



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

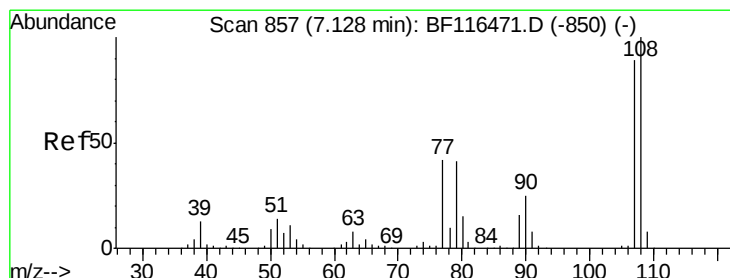
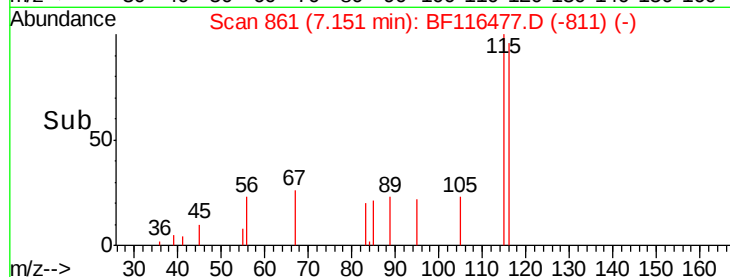
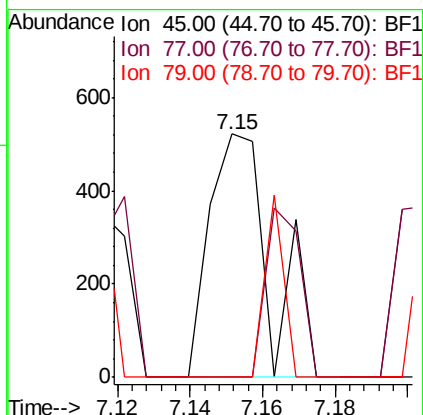
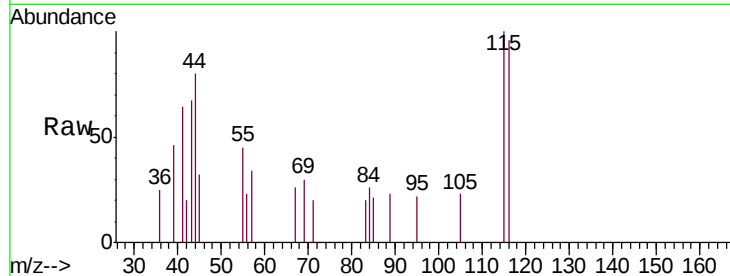




#16
2,2'-oxvbis(1-Chloropropane)
Concen: 0.998 ng
RT: 7.15 min Scan# 861
Delta R.T. -0.01 min
Lab File: BF116477.D
Acq: 23 Aug 2019 14:45

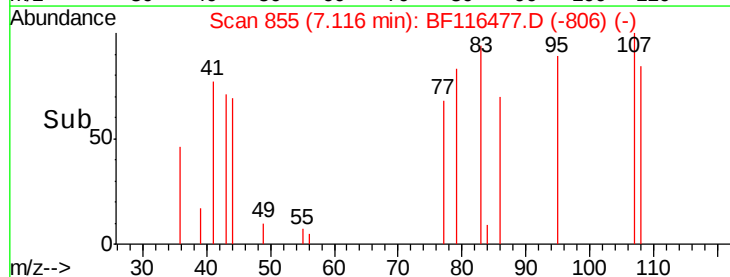
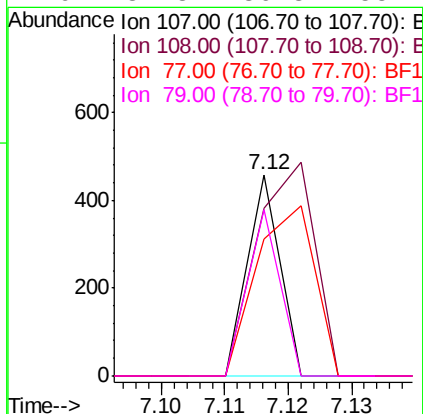
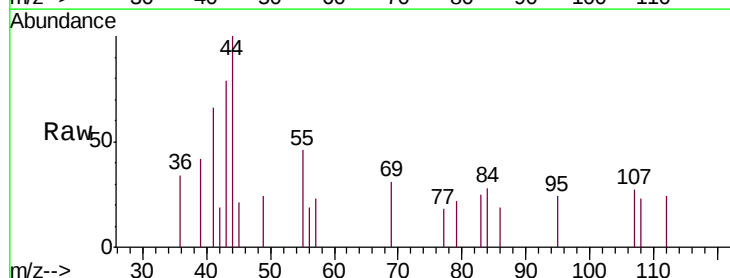
Instrument :
BNA_F
ClientSampleId :
NB-08-082019RE

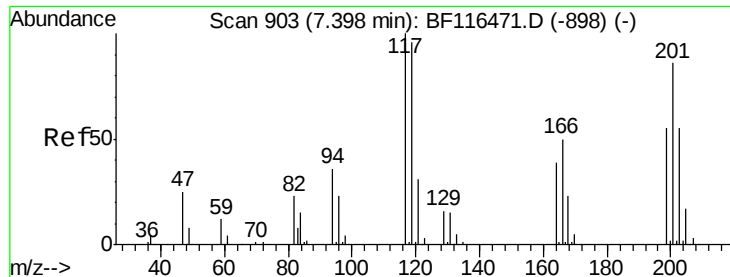
Tot Ion: 45 Resp: 612
Ion Ratio Lower Upper
45 100
77 0.0 0.0 36.1
79 0.0 0.0 32.3



#17
2-Methylphenol
Concen: 0.426 ng
RT: 7.12 min Scan# 855
Delta R.T. -0.01 min
Lab File: BF116477.D
Acq: 23 Aug 2019 14:45

Tgt Ion:107 Resp: 162
Ion Ratio Lower Upper
107 100
108 83.6 90.0 135.0#
77 68.1 37.6 56.4#
79 82.8 36.8 55.2#

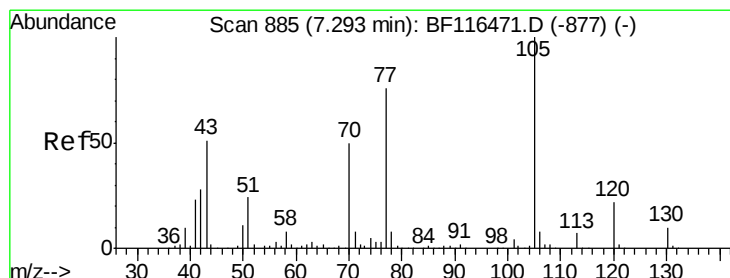
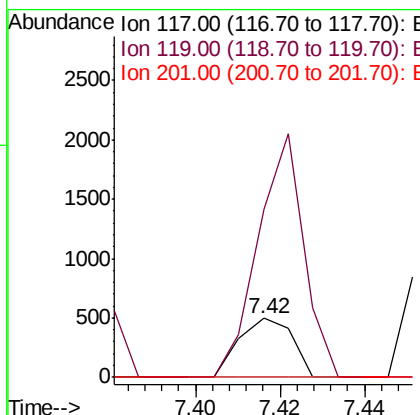
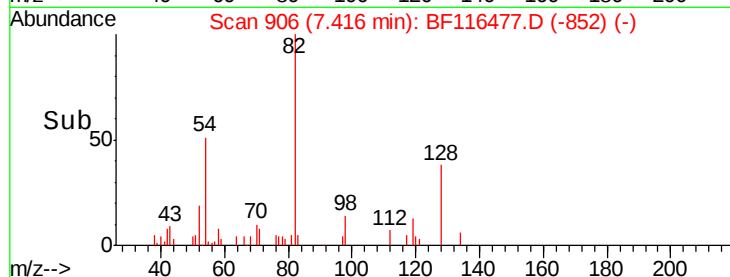
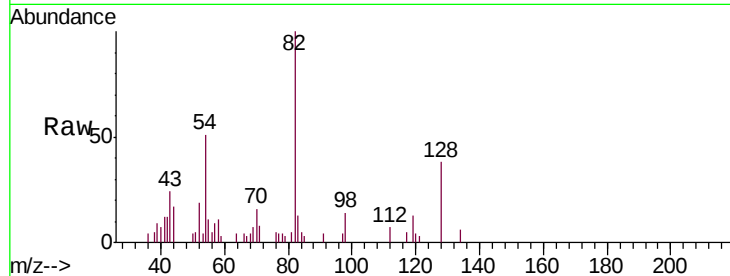




#18
Hexachloroethane
Concen: 2.338 ng
RT: 7.42 min Scan# 906
Delta R.T. 0.02 min
Lab File: BF116477.D
Acq: 23 Aug 2019 14:45

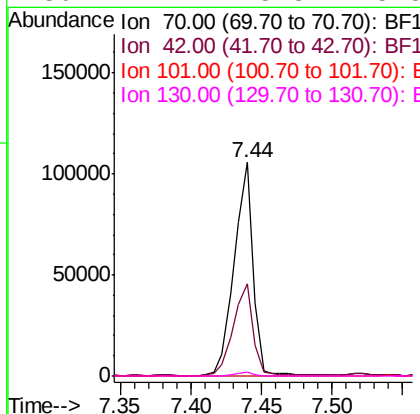
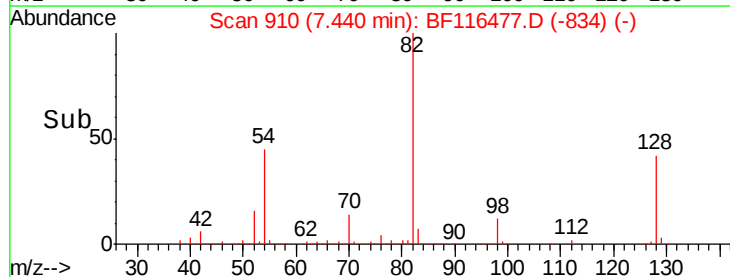
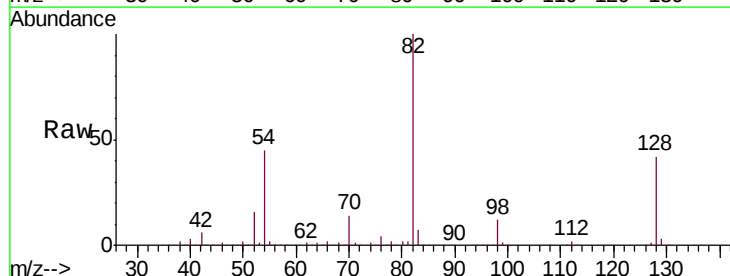
Instrument :
BNA_F
ClientSampleId :
NB-08-082019RE

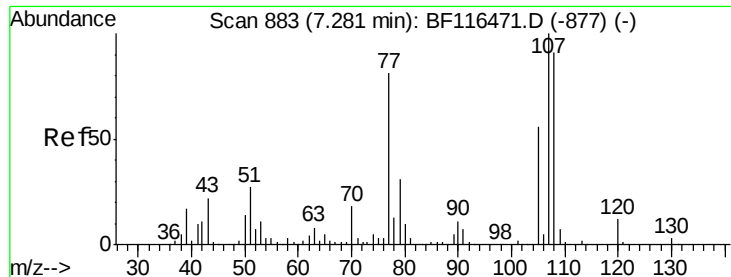
Tot Ion:117 Resp: 436
Ion Ratio Lower Upper
117 100
119 284.3 77.0 115.6#
201 0.0 69.1 103.7#



#19
n-Nitroso-di-n-propylamine
Concen: 271.161 ng
RT: 7.44 min Scan# 910
Delta R.T. 0.15 min
Lab File: BF116477.D
Acq: 23 Aug 2019 14:45

Tgt Ion: 70 Resp: 99249
Ion Ratio Lower Upper
70 100
42 43.4 44.4 66.6#
101 0.0 7.1 10.7#
130 1.7 15.8 23.8#





#20

3+4-Methylphenols

Concen: 4.018 ng

RT: 7.27 min Scan# 881

Delta R.T. -0.01 min

Lab File: BF116477.D

Acq: 23 Aug 2019 14:45

Instrument :

BNA_F

ClientSampleId :

NB-08-082019RE

Tot Ion:107 Resp: 1872

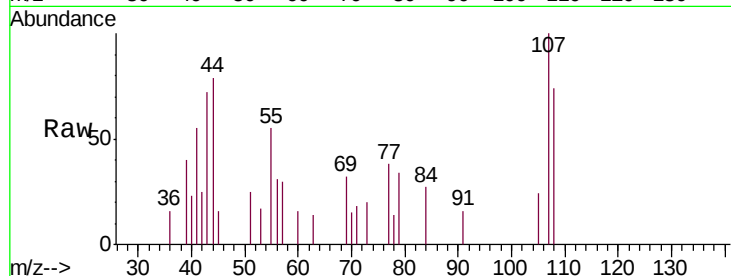
Ion Ratio Lower Upper

107 100

108 74.1 70.7 110.7

77 37.9 60.6 100.6#

79 34.4 11.1 51.1

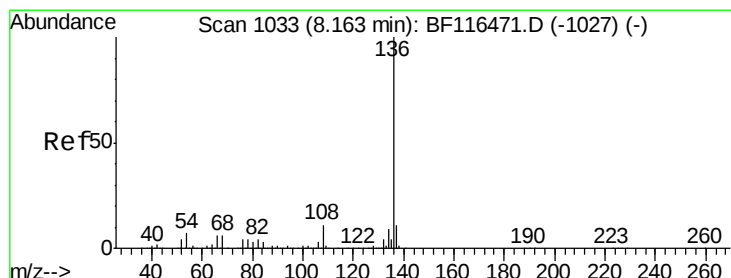
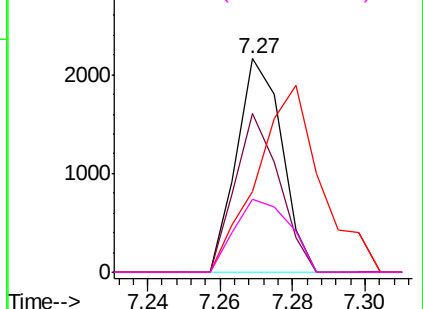
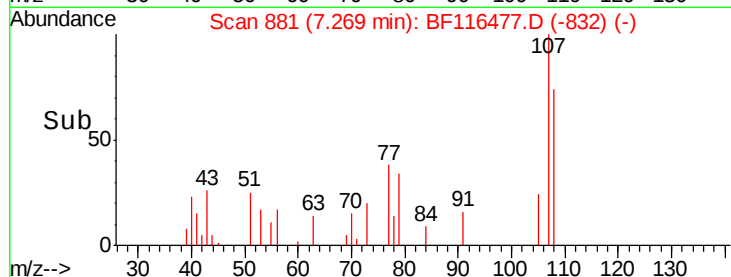


Abundance Ion 107.00 (106.70 to 107.70): E

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: 8.43 min Scan# 1079

Delta R.T. 0.27 min

Lab File: BF116477.D

Acq: 23 Aug 2019 14:45

Tgt Ion:136 Resp: 143

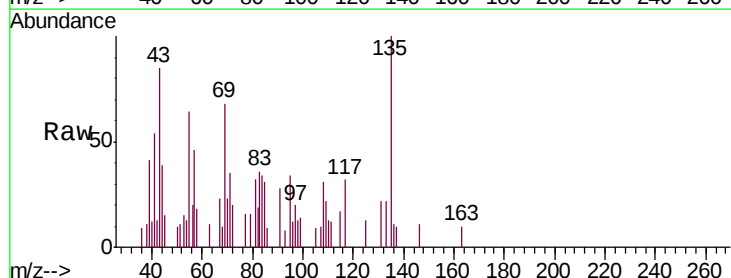
Ion Ratio Lower Upper

136 100

137 83.3 9.0 13.4#

54 116.7 5.8 8.6#

68 90.9 5.1 7.7#

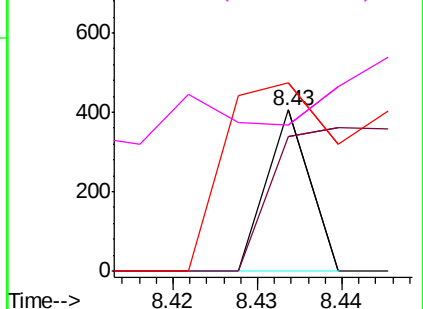
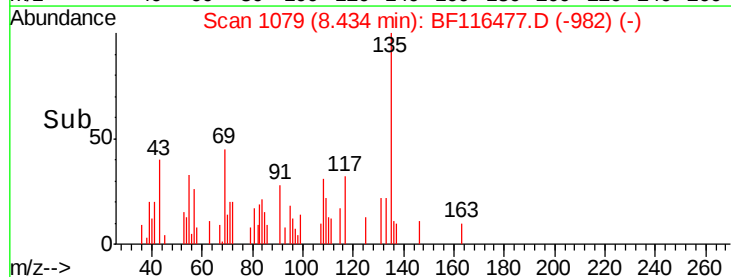


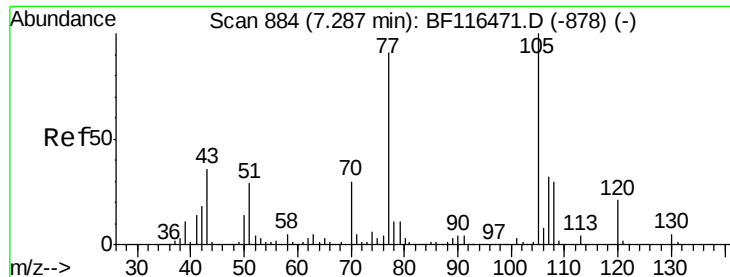
Abundance Ion 136.00 (135.70 to 136.70): E

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: 167.795 ng

RT: 7.53 min Scan# 925

Delta R.T. 0.24 min

Lab File: BF116477.D

Acq: 23 Aug 2019 14:45

Instrument :

BNA_F

ClientSampleId :

NB-08-082019RE

Tot Ion:105 Resp: 600

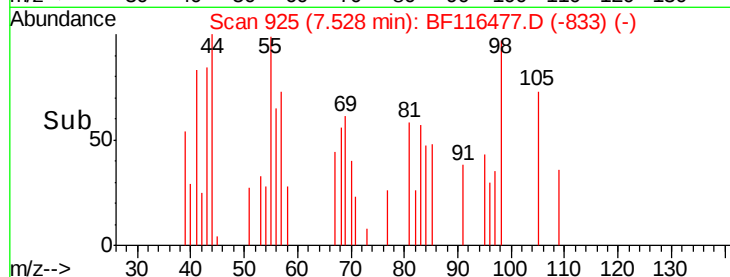
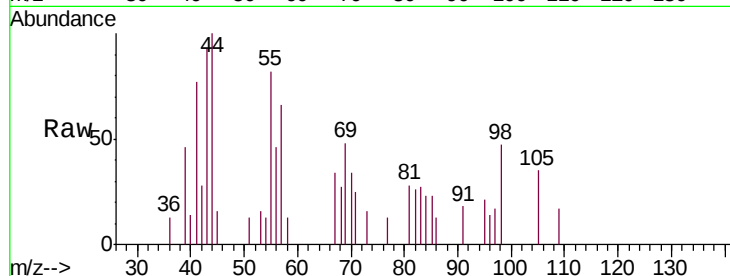
Ion Ratio Lower Upper

105 100

71 72.5 4.2 6.2#

51 37.5 23.0 34.4#

120 0.0 16.5 24.7#

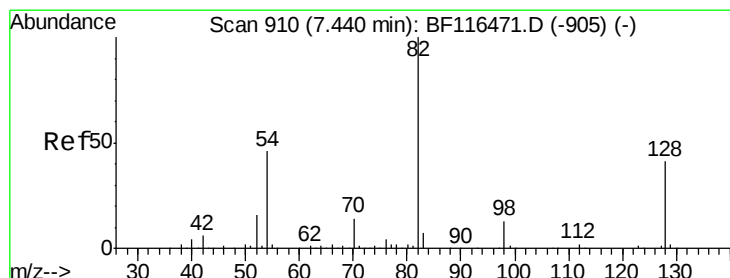
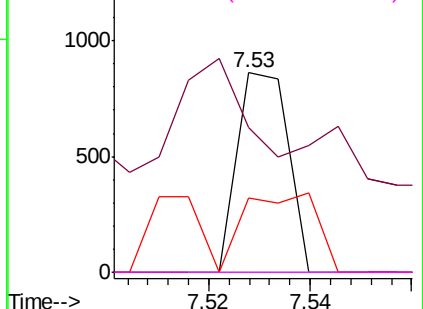


Abundance Ion 105.00 (104.70 to 105.70): E

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: 272012.914 ng

RT: 7.44 min Scan# 910

Delta R.T. 0.00 min

Lab File: BF116477.D

Acq: 23 Aug 2019 14:45

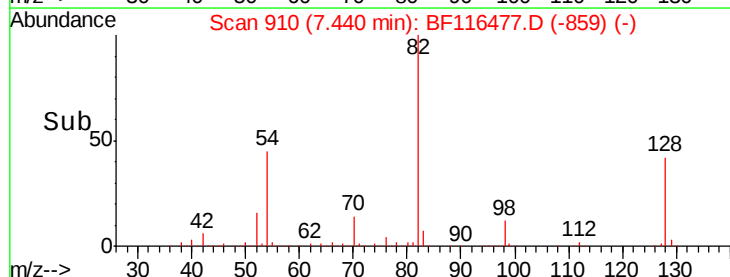
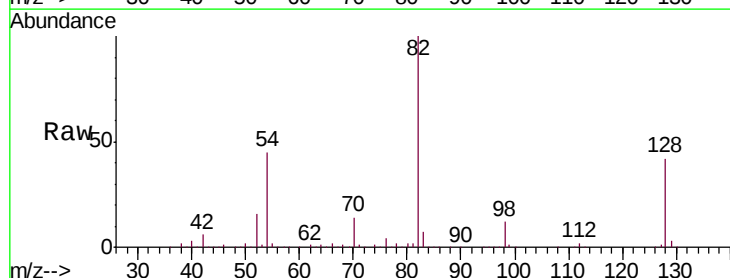
Tgt Ion: 82 Resp: 710983

Ion Ratio Lower Upper

82 100

128 42.0 32.2 48.4

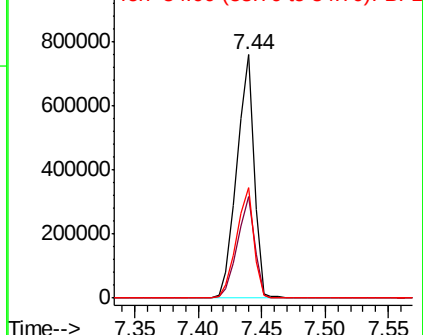
54 45.2 36.5 54.7

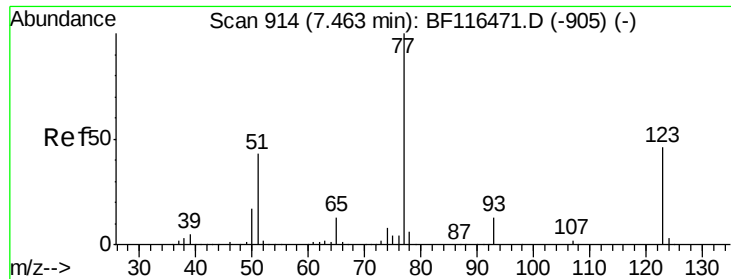


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

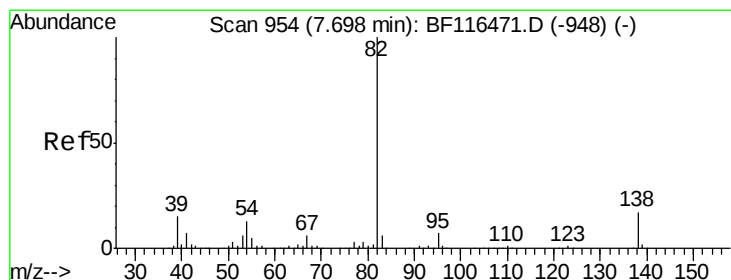
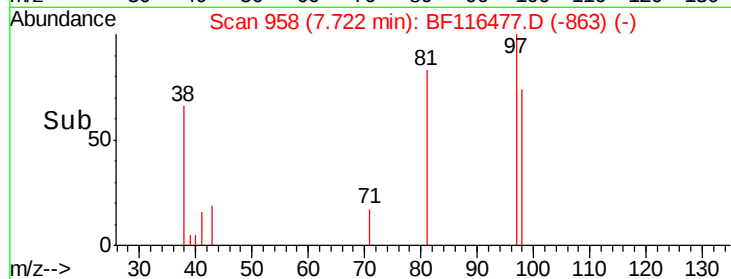
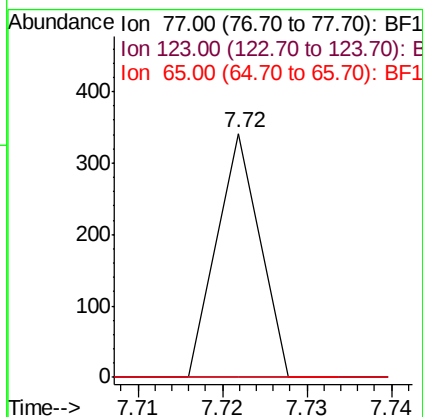
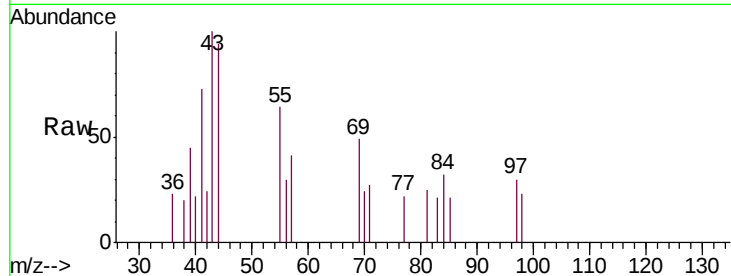




#24
 Nitrobenzene
 Concen: 44.332 ng
 RT: 7.72 min Scan# 958
 Delta R.T. 0.26 min
 Lab File: BF116477.D
 Acq: 23 Aug 2019 14:45

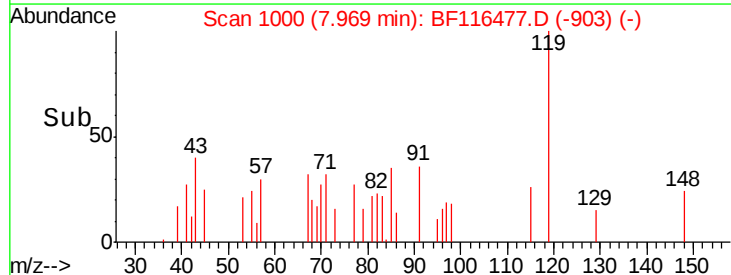
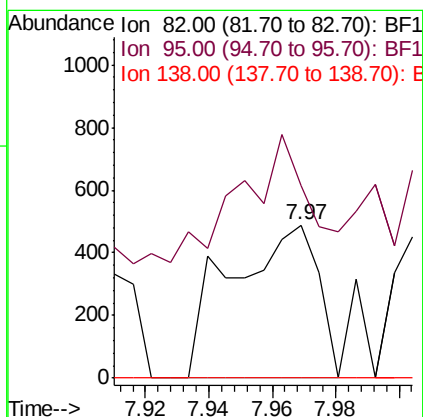
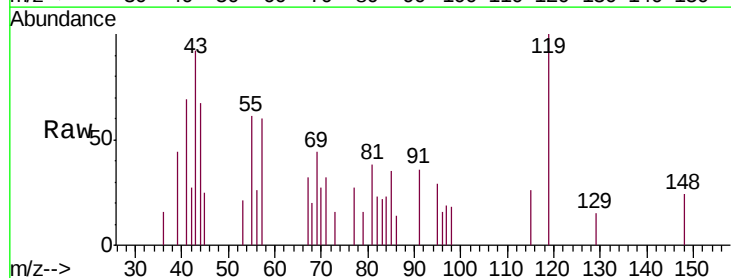
Instrument :
 BNA_F
 ClientSampleId :
 NB-08-082019RE

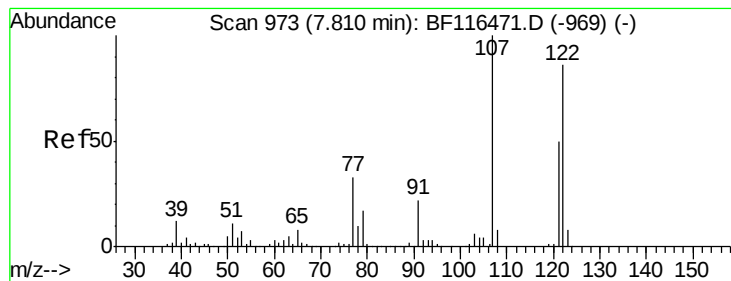
Tot Ion	Ratio	Lower	Upper
77	100		
123	0.0	37.0	55.4#
65	0.0	10.5	15.7#



#25
 Isophorone
 Concen: 180.940 ng
 RT: 7.97 min Scan# 1000
 Delta R.T. 0.27 min
 Lab File: BF116477.D
 Acq: 23 Aug 2019 14:45

Tgt Ion	Ratio	Lower	Upper
82	100		
95	125.8	5.3	7.9#
138	0.0	13.3	19.9#





#27

2,4-Dimethylphenol

Concen: 129.907 ng

RT: 7.94 min Scan# 995

Delta R.T. 0.13 min

Lab File: BF116477.D

Acq: 23 Aug 2019 14:45

Instrument :

BNA_F

ClientSampleId :

NB-08-082019RE

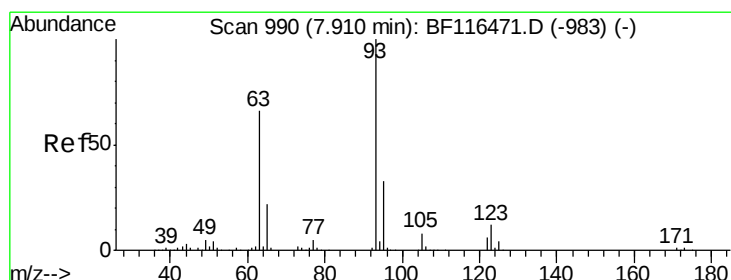
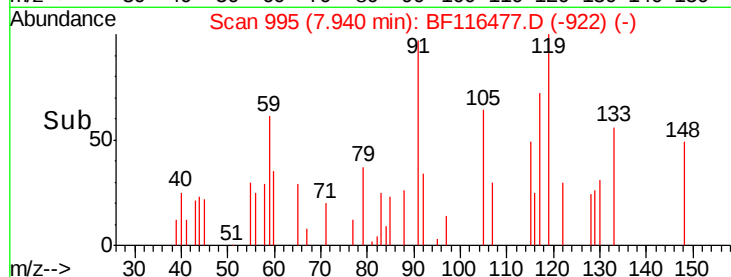
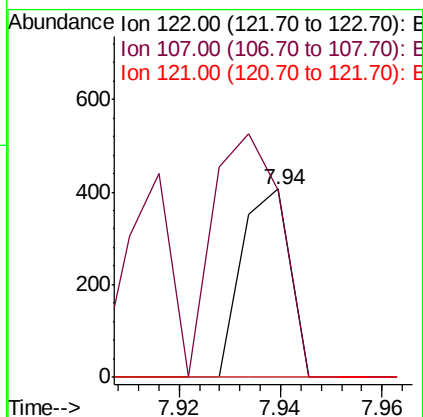
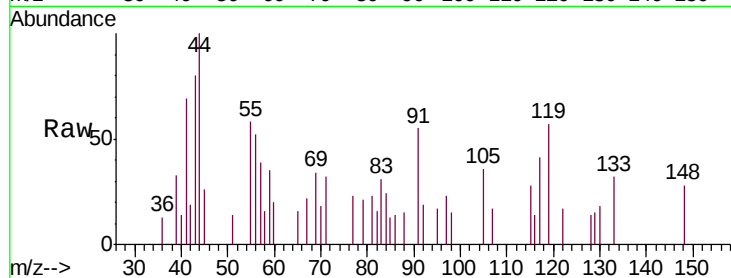
Tot Ion:122 Resp: 268

Ion Ratio Lower Upper

122 100

107 99.5 92.4 138.6

121 0.0 46.2 69.4#



#28

bis(2-Chloroethoxy)methane

Concen: 260.613 ng

RT: 8.18 min Scan# 1036

Delta R.T. 0.27 min

Lab File: BF116477.D

Acq: 23 Aug 2019 14:45

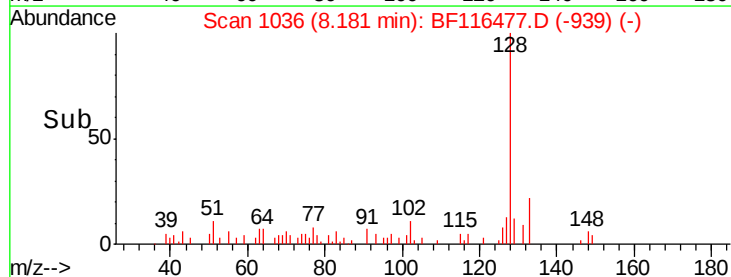
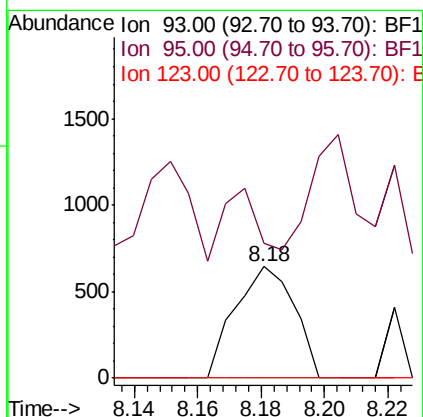
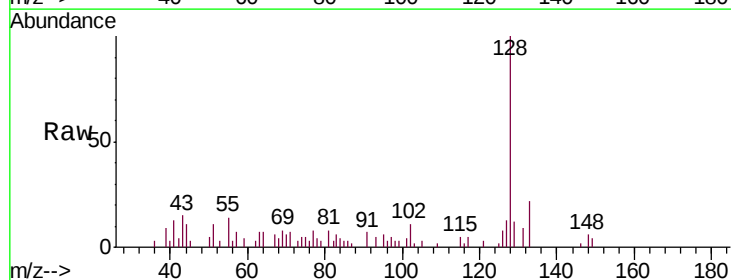
Tgt Ion: 93 Resp: 829

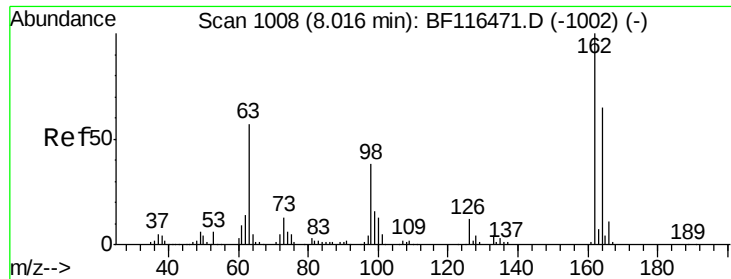
Ion Ratio Lower Upper

93 100

95 120.8 26.3 39.5#

123 0.0 9.8 14.6#

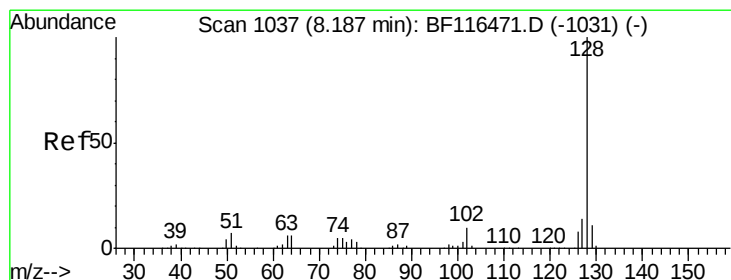
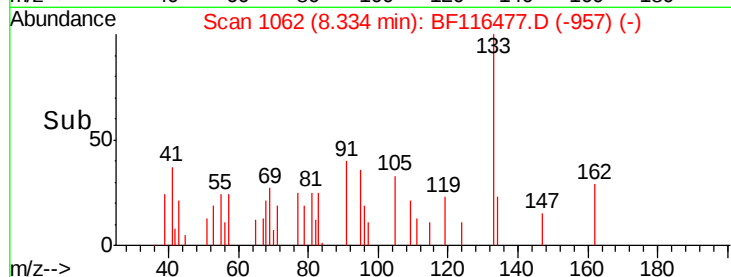
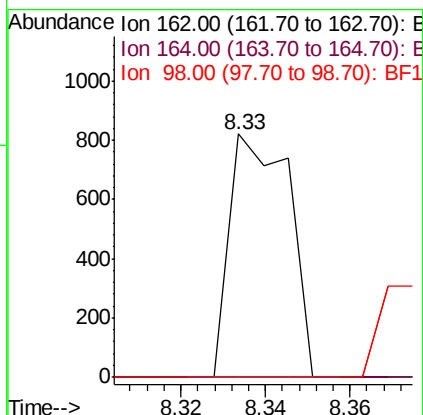
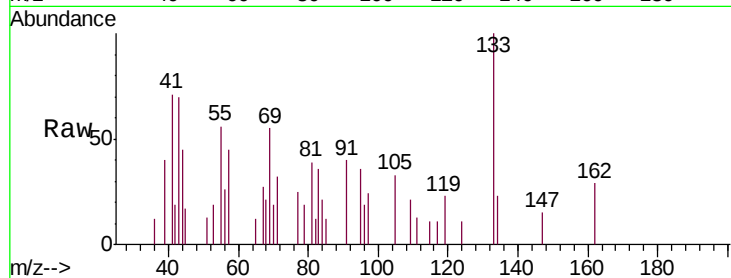




#29
2,4-Dichlorophenol
Concen: 409.798 ng
RT: 8.33 min Scan# 1062
Delta R.T. 0.32 min
Lab File: BF116477.D
Acq: 23 Aug 2019 14:45

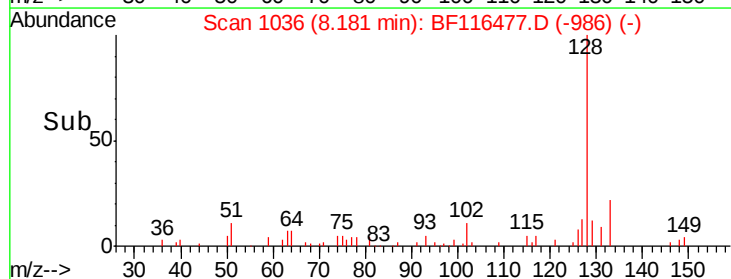
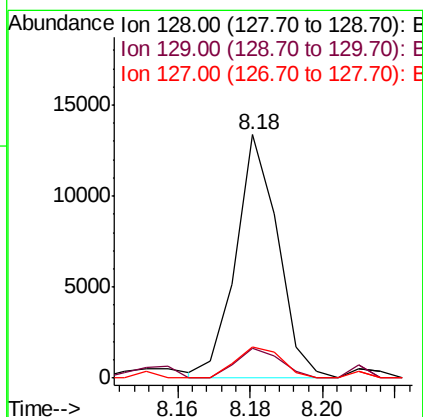
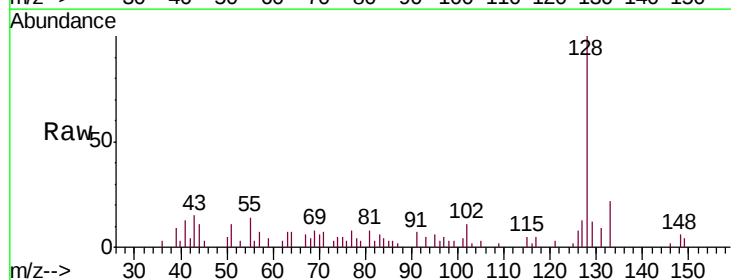
Instrument :
BNA_F
ClientSampleId :
NB-08-082019RE

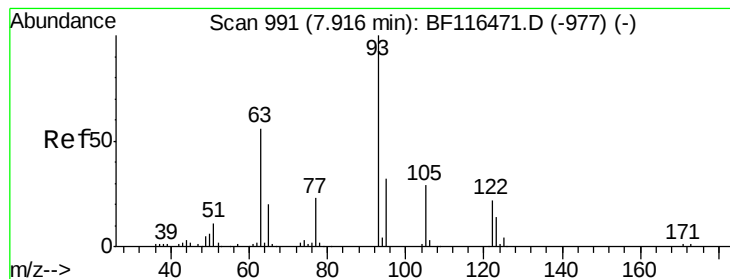
Tot Ion	Ratio	Lower	Upper
162	100		
164	0.0	44.9	84.9#
98	0.0	17.9	57.9#



#31
Naphthalene
Concen: 1562.801 ng
RT: 8.18 min Scan# 1036
Delta R.T. -0.01 min
Lab File: BF116477.D
Acq: 23 Aug 2019 14:45

Tgt Ion	Ratio	Lower	Upper
128	100		
129	12.2	9.0	13.6
127	12.9	10.9	16.3





#32

Benzoic acid

Concen: 203.203 ng

RT: 7.94 min Scan# 995

Delta R.T. 0.02 min

Lab File: BF116477.D

Acq: 23 Aug 2019 14:45

Instrument :

BNA_F

ClientSampleId :

NB-08-082019RE

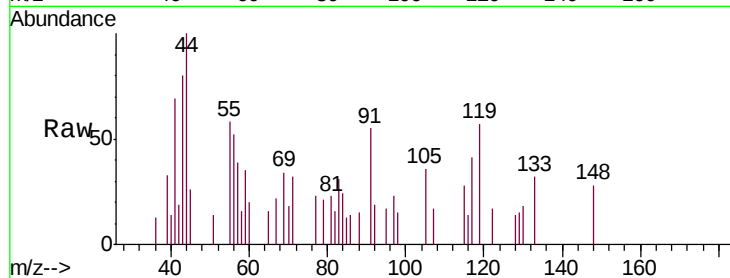
Tot Ion:122 Resp: 268

Ion Ratio Lower Upper

122 100

105 212.8 109.9 149.9#

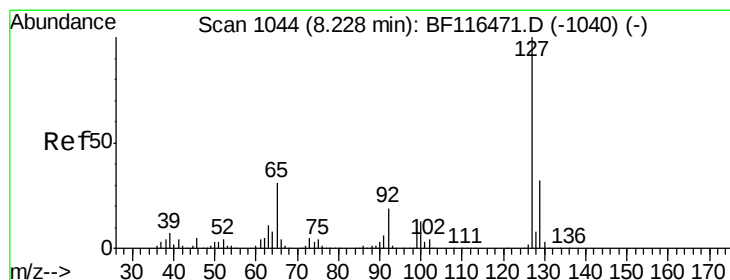
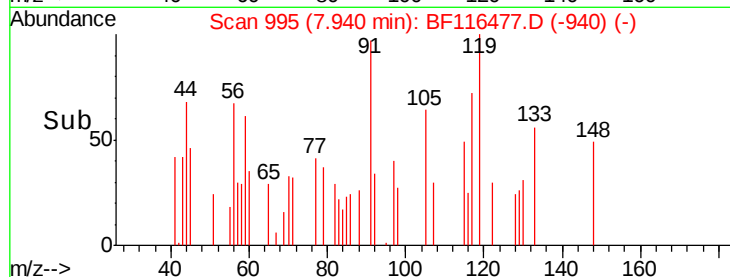
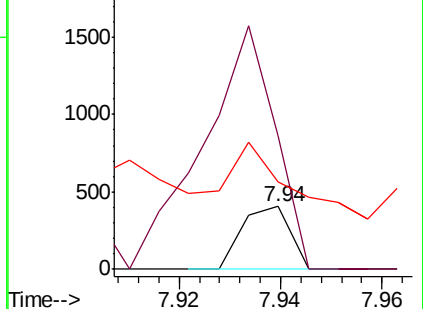
77 138.2 84.9 124.9#



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: 92.530 ng

RT: 8.55 min Scan# 1098

Delta R.T. 0.32 min

Lab File: BF116477.D

Acq: 23 Aug 2019 14:45

Tgt Ion:127 Resp: 281

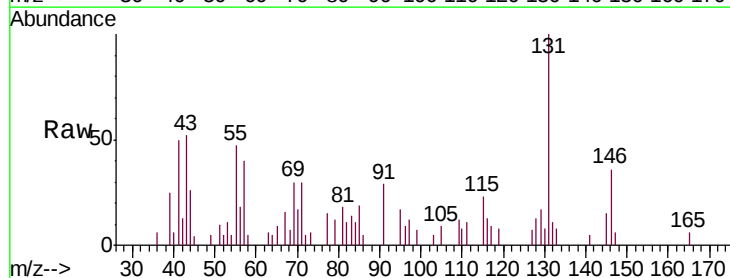
Ion Ratio Lower Upper

127 100

129 251.9 25.7 38.5#

65 137.6 25.0 37.6#

92 0.0 15.0 22.6#

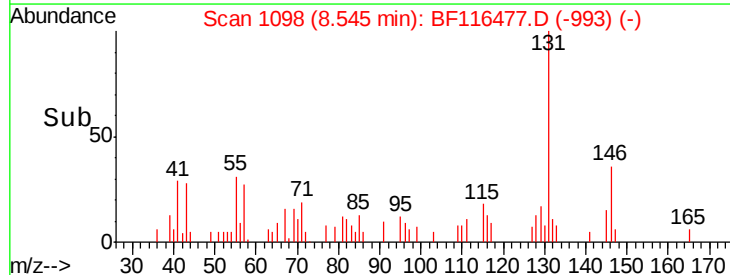
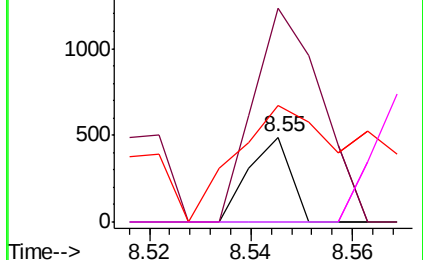


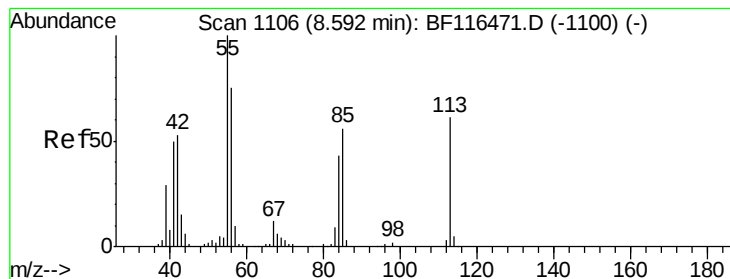
Abundance Ion 127.00 (126.70 to 127.70): E

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





#35

Caprolactam

Concen: 187.300 ng

RT: 8.87 min Scan# 1153

Delta R.T. 0.28 min

Lab File: BF116477.D

Acq: 23 Aug 2019 14:45

Instrument :

BNA_F

ClientSampleId :

NB-08-082019RE

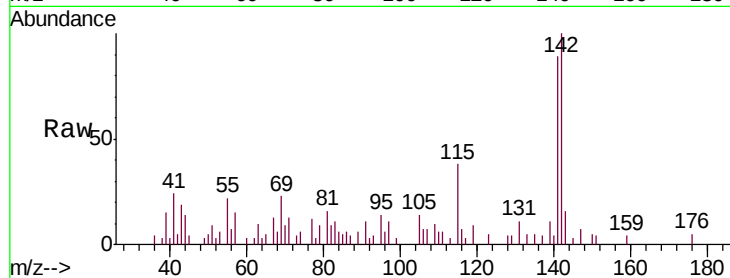
Tot Ion:113 Resp: 128

Ion Ratio Lower Upper

113 100

55 634.3 143.6 183.6#

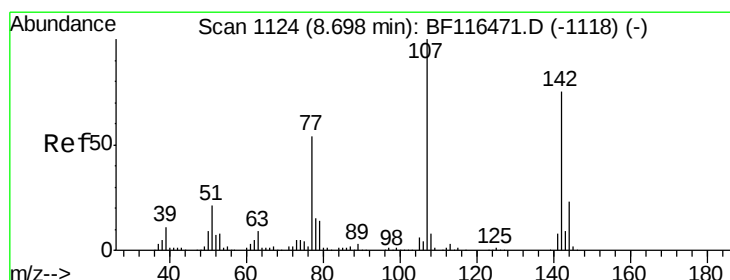
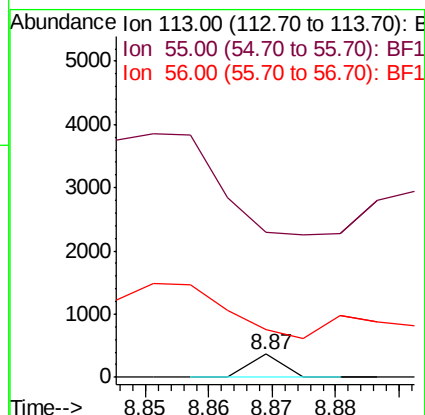
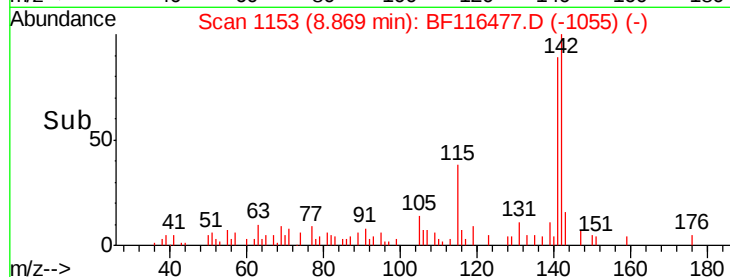
56 211.3 102.3 142.3#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 257.489 ng

RT: 9.00 min Scan# 1175

Delta R.T. 0.30 min

Lab File: BF116477.D

Acq: 23 Aug 2019 14:45

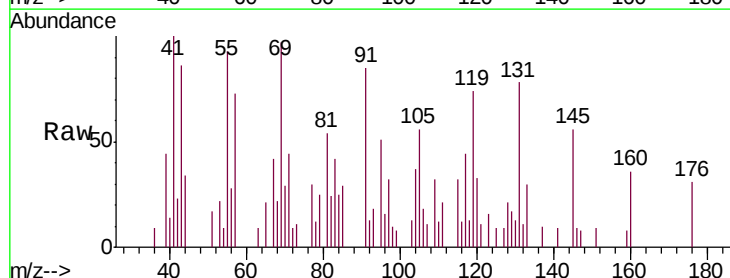
Tgt Ion:107 Resp: 570

Ion Ratio Lower Upper

107 100

144 0.0 18.8 28.2#

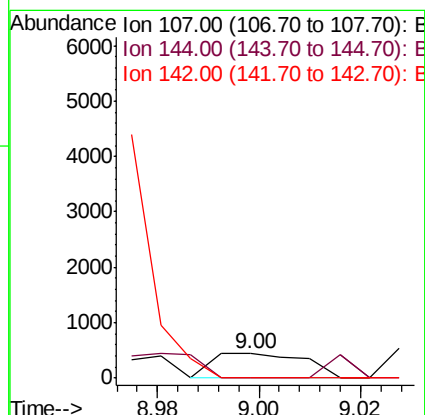
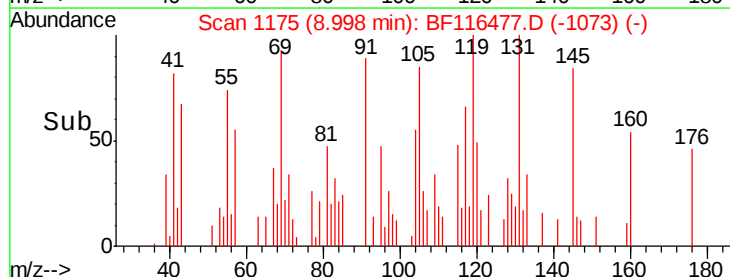
142 0.0 59.8 89.6#

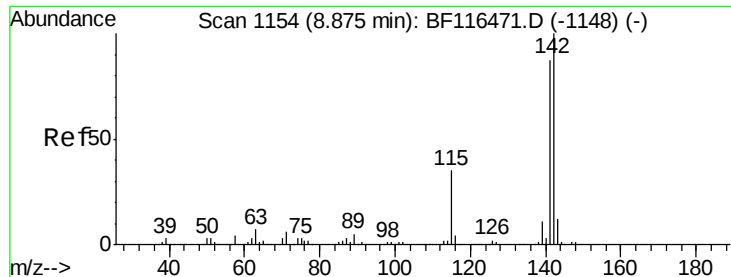


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

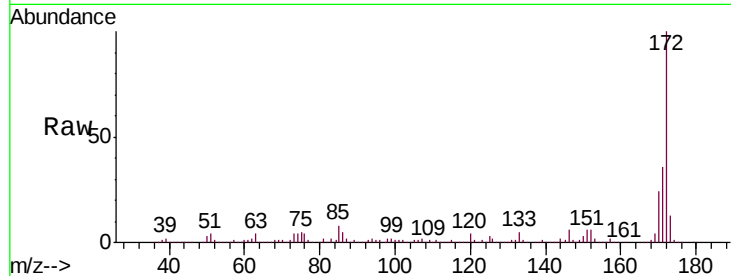




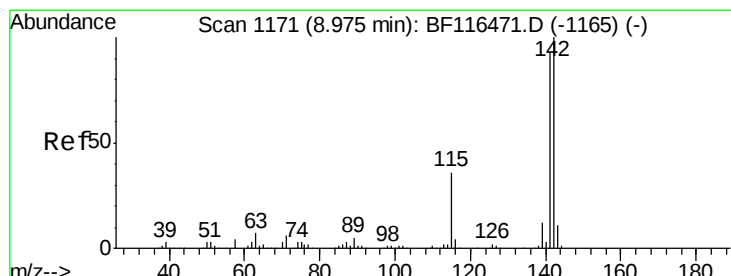
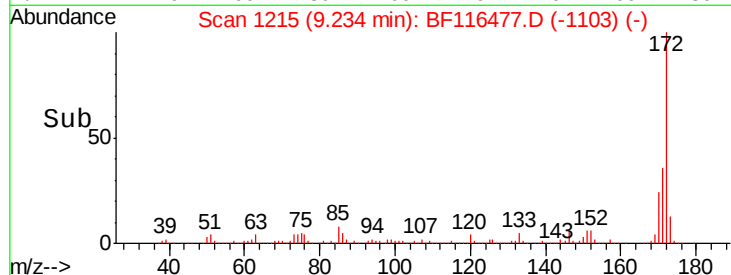
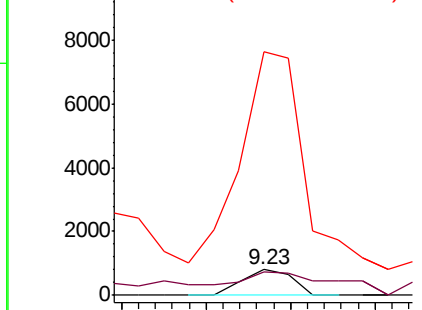
#37
2-Methylnaphthalene
Concen: 142.112 ng
RT: 9.23 min Scan# 1215
Delta R.T. 0.36 min
Lab File: BF116477.D
Acq: 23 Aug 2019 14:45

Instrument :
BNA_F
ClientSampleId :
NB-08-082019RE

Tot Ion:142 Resp: 675
Ion Ratio Lower Upper
142 100
141 92.0 69.8 104.6
115 943.5 27.7 41.5#

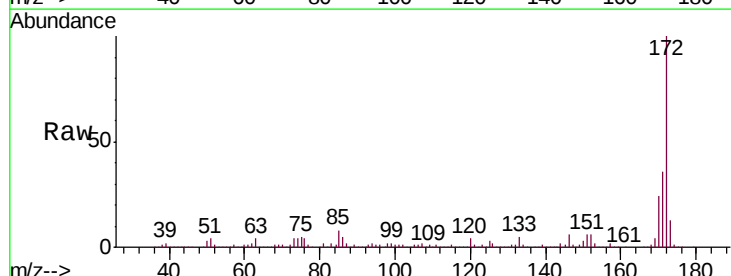


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

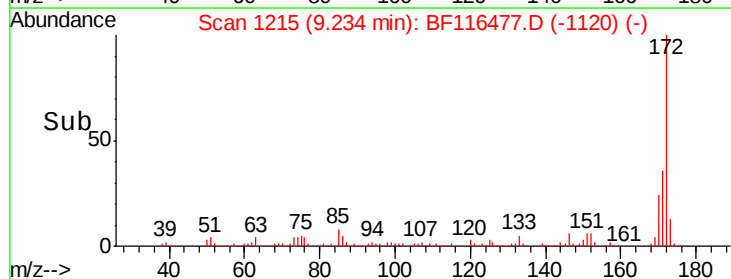
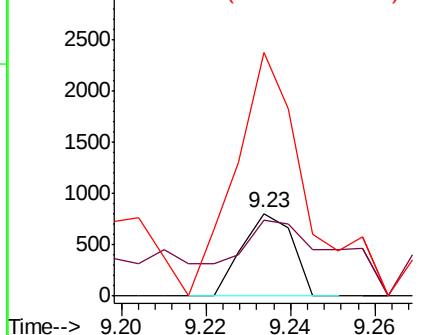


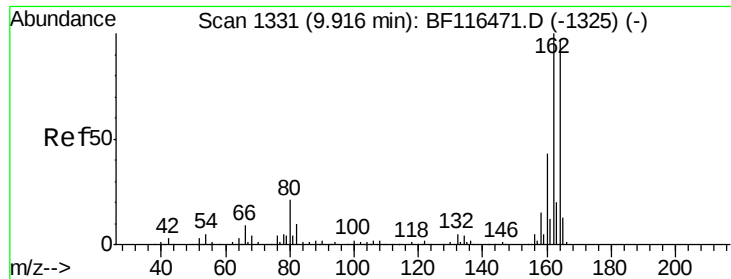
#38
1-Methylnaphthalene
Concen: 152.132 ng
RT: 9.23 min Scan# 1215
Delta R.T. 0.26 min
Lab File: BF116477.D
Acq: 23 Aug 2019 14:45

Tgt Ion:142 Resp: 675
Ion Ratio Lower Upper
142 100
141 92.0 74.2 111.2
116 293.7 2.9 4.3#



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: 10.23 min Scan# 1385

Delta R.T. 0.32 min

Lab File: BF116477.D

Acq: 23 Aug 2019 14:45

Instrument :

BNA_F

ClientSampleId :

NB-08-082019RE

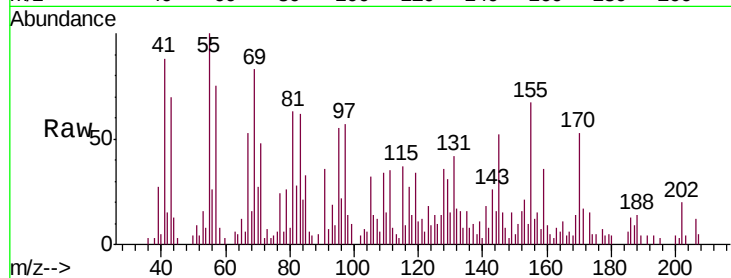
Tot Ion:164 Resp: 670

Ion Ratio Lower Upper

164 100

162 51.0 82.6 123.8#

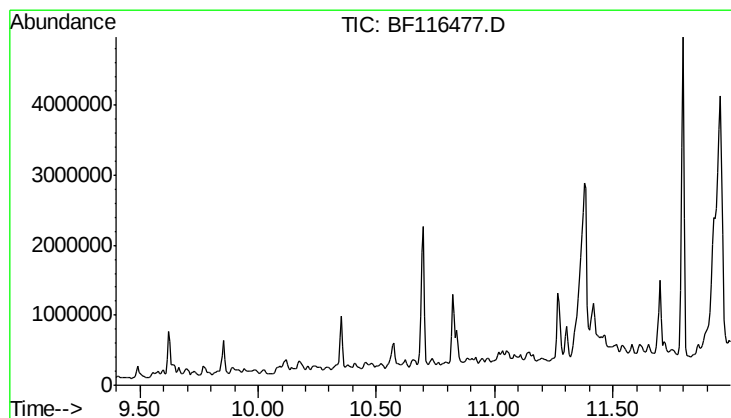
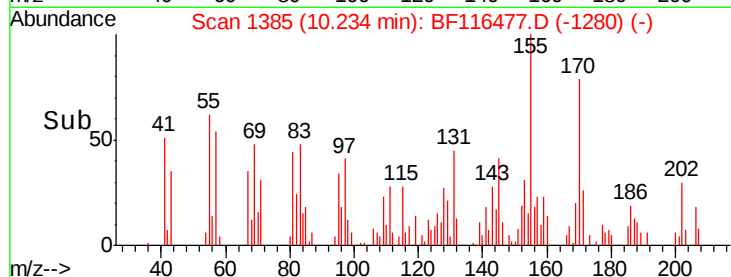
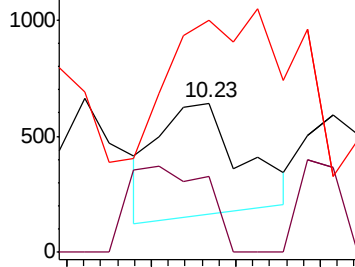
160 155.4 35.8 53.8#



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



#42

2,4,6-Tribromophenol

Concen: 0.000 ng

Expected RT: 10.70 min

Lab File: BF116477.D

Acq: 23 Aug 2019 14:45

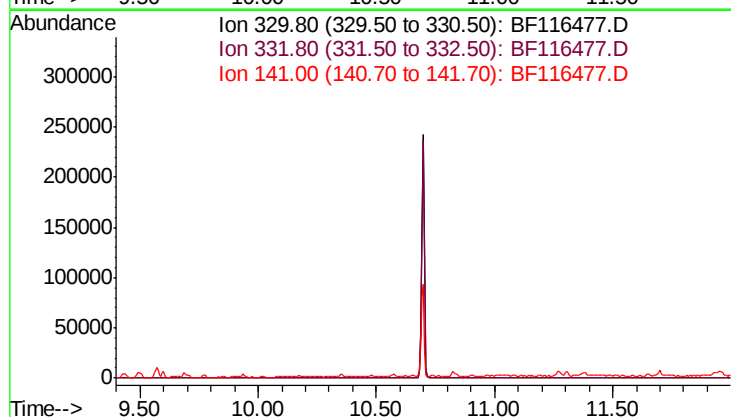
Tgt Ion: 330

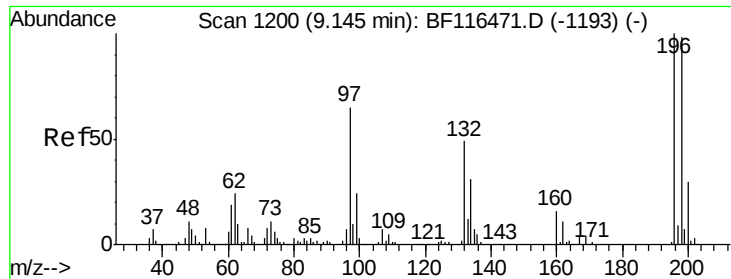
Sig Exp Ratio

330 100

332 96.5

141 41.6

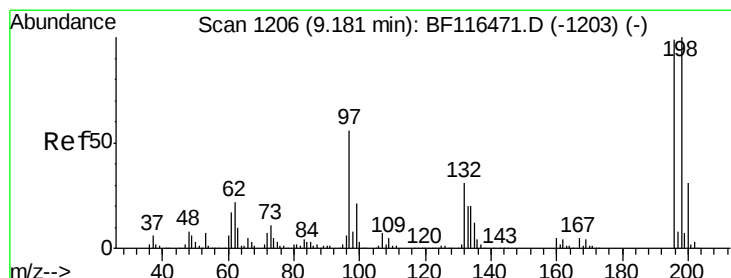
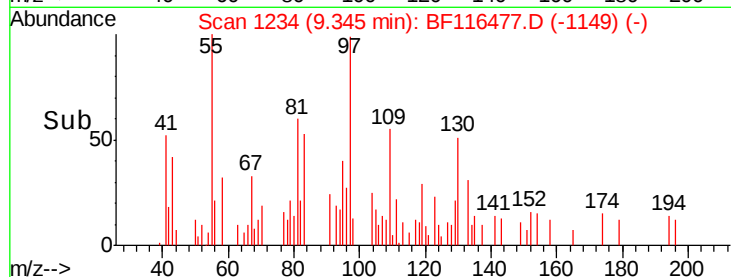
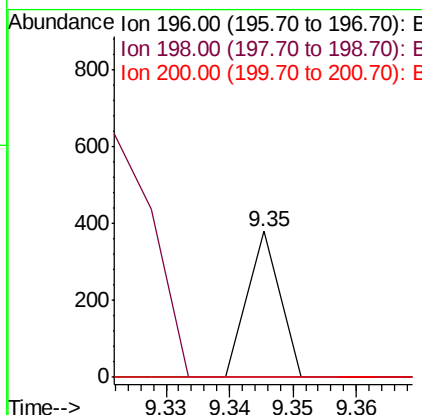
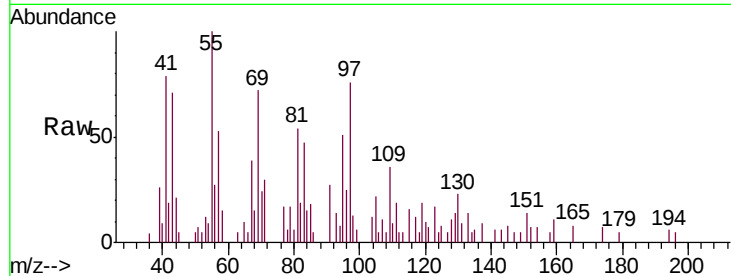




#43
 2,4,6-Trichlorophenol
 Concen: 10.622 ng
 RT: 9.35 min Scan# 1234
 Delta R.T. 0.20 min
 Lab File: BF116477.D
 Acq: 23 Aug 2019 14:45

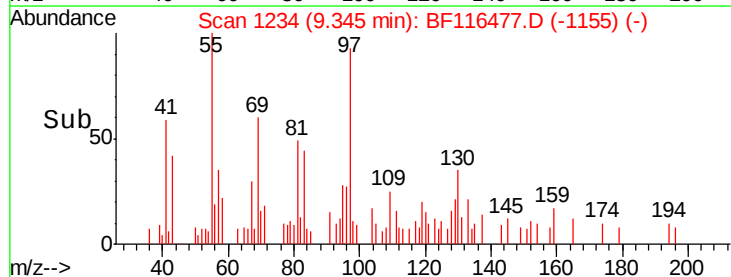
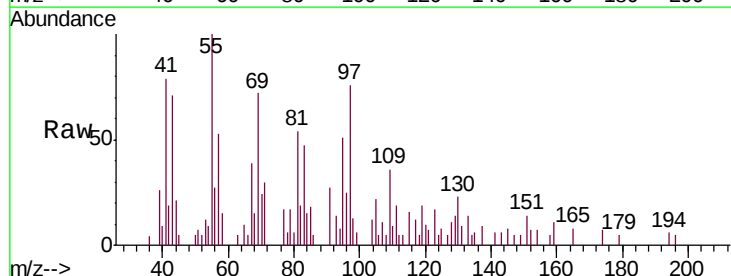
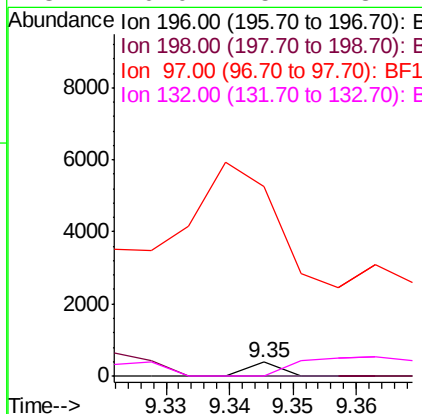
Instrument :
 BNA_F
 ClientSampleId :
 NB-08-082019RE

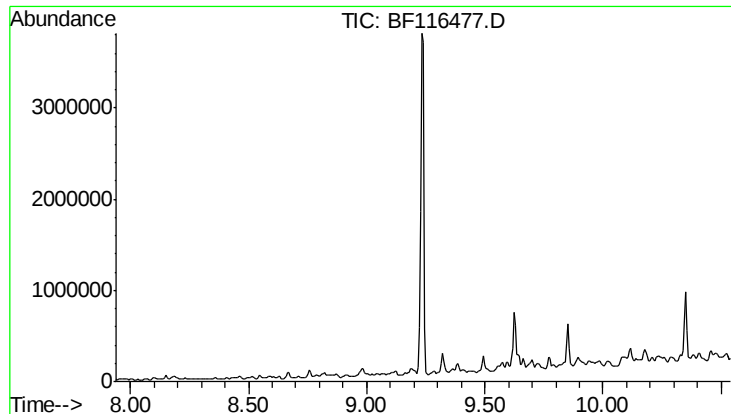
Tot Ion	Ratio	Lower	Upper
196	100		
198	0.0	78.0	117.0#
200	0.0	24.2	36.2#



#44
 2,4,5-Trichlorophenol
 Concen: 10.439 ng
 RT: 9.35 min Scan# 1234
 Delta R.T. 0.16 min
 Lab File: BF116477.D
 Acq: 23 Aug 2019 14:45

Tgt Ion	Ratio	Lower	Upper
196	100		
198	0.0	80.8	121.2#
97	1390.8	45.7	68.5#
132	0.0	25.1	37.7#

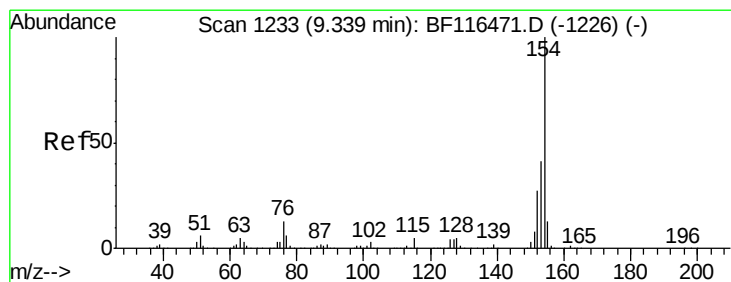
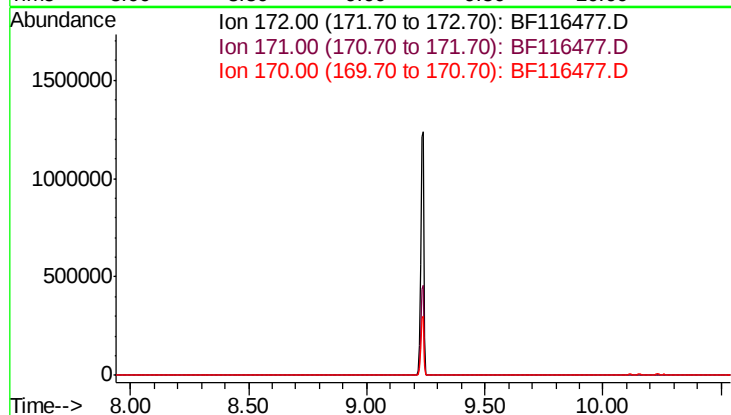




#45
 2-Fluorobiphenyl
 Concen: 0.000 ng
 Expected RT: 9.24 min
 Lab File: BF116477.D
 Acq: 23 Aug 2019 14:45

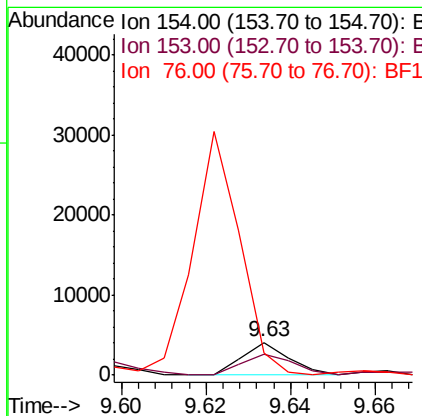
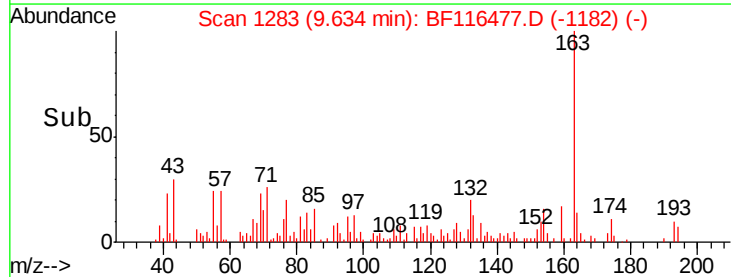
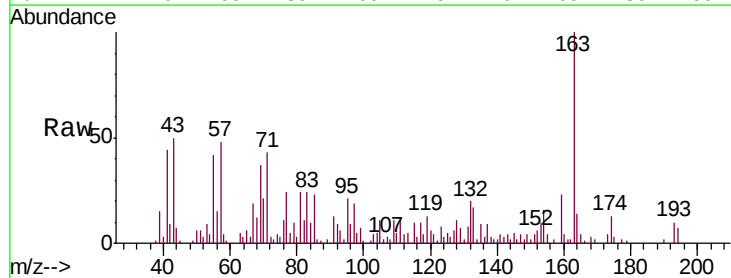
Instrument :
 BNA_F
 ClientSampleId :
 NB-08-082019RE

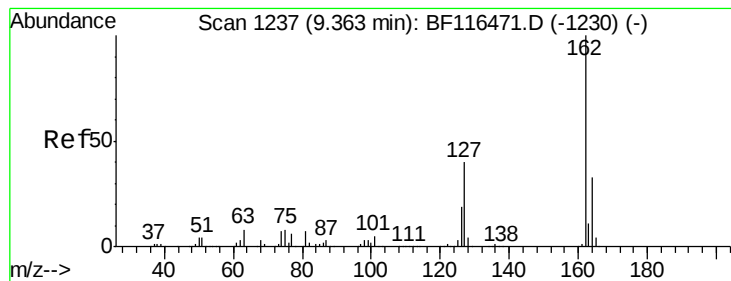
Tot Ion: 172
 Sig Exp Ratio
 172 100
 171 36.1
 170 24.2



#46
 1,1'-Biphenyl
 Concen: 58.114 ng
 RT: 9.63 min Scan# 1283
 Delta R.T. 0.29 min
 Lab File: BF116477.D
 Acq: 23 Aug 2019 14:45

Tgt Ion: 154 Resp: 3113
 Ion Ratio Lower Upper
 154 100
 153 62.8 21.3 61.3#
 76 67.1 0.0 32.9#





#47

2-Chloronaphthalene

Concen: 3.516 ng

RT: 9.63 min Scan# 1283

Delta R.T. 0.27 min

Lab File: BF116477.D

Acq: 23 Aug 2019 14:45

Instrument :

BNA_F

ClientSampleId :

NB-08-082019RE

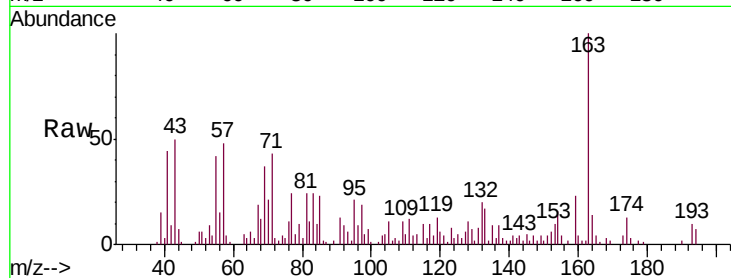
Tot Ion:162 Resp: 146

Ion Ratio Lower Upper

162 100

127 399.5 32.5 48.7#

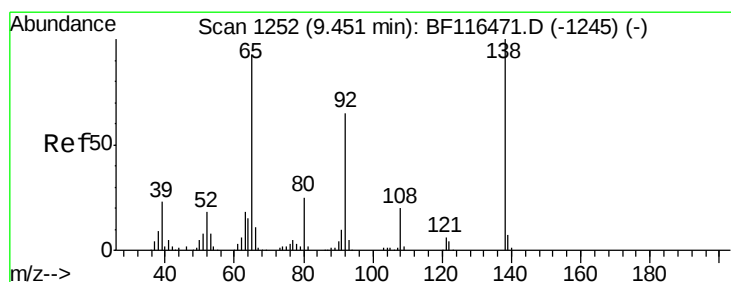
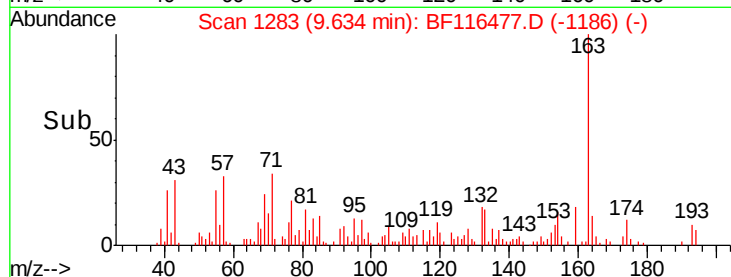
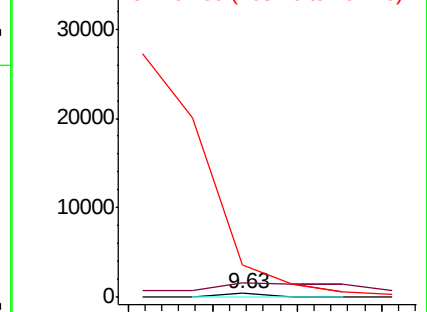
164 862.5 26.7 40.1#



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: 10.774 ng

RT: 9.75 min Scan# 1303

Delta R.T. 0.30 min

Lab File: BF116477.D

Acq: 23 Aug 2019 14:45

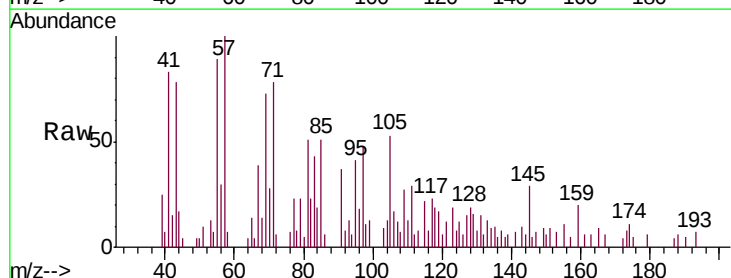
Tgt Ion: 65 Resp: 137

Ion Ratio Lower Upper

65 100

92 58.9 56.2 84.2

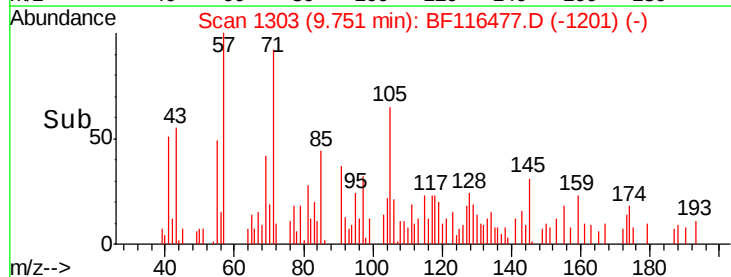
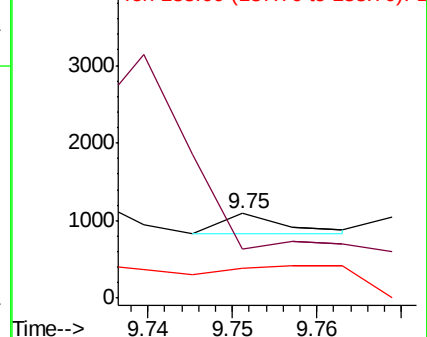
138 35.8 86.0 129.0#

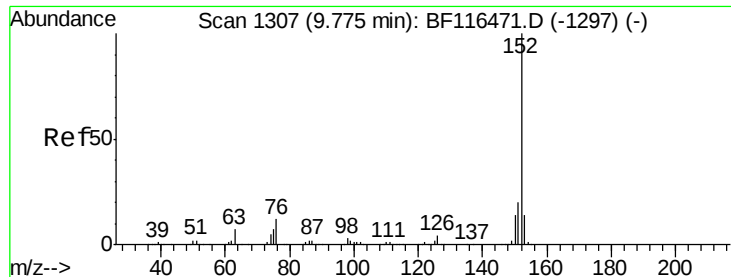


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 13.809 ng

RT: 10.06 min Scan# 1356

Delta R.T. 0.29 min

Lab File: BF116477.D

Acq: 23 Aug 2019 14:45

Instrument :

BNA_F

ClientSampleId :

NB-08-082019RE

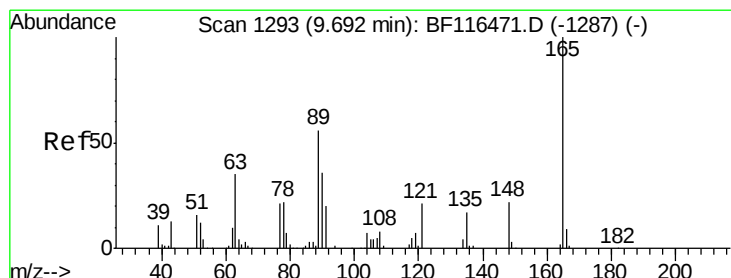
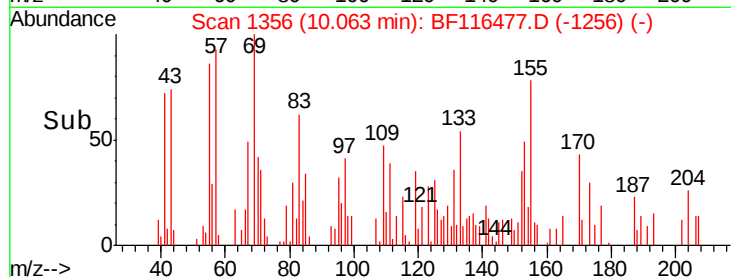
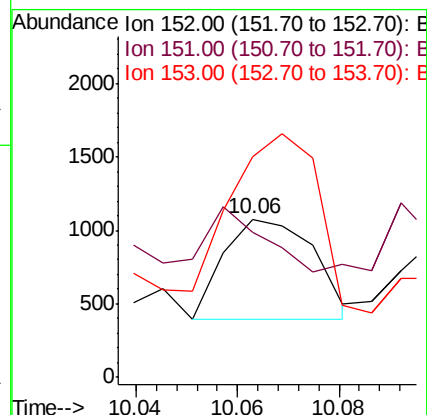
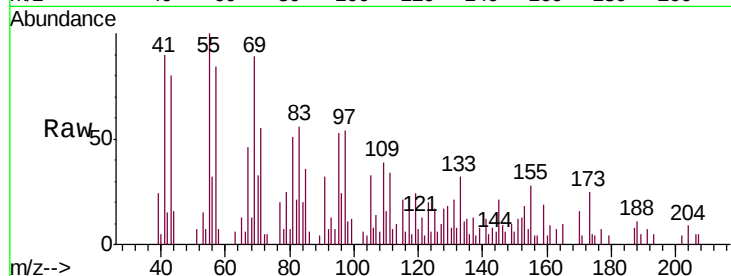
Tot Ion:152 Resp: 839

Ion Ratio Lower Upper

152 100

151 91.7 16.1 24.1#

153 139.9 11.4 17.0#



#51

2,6-Dinitrotoluene

Concen: 51.316 ng

RT: 10.02 min Scan# 1348

Delta R.T. 0.32 min

Lab File: BF116477.D

Acq: 23 Aug 2019 14:45

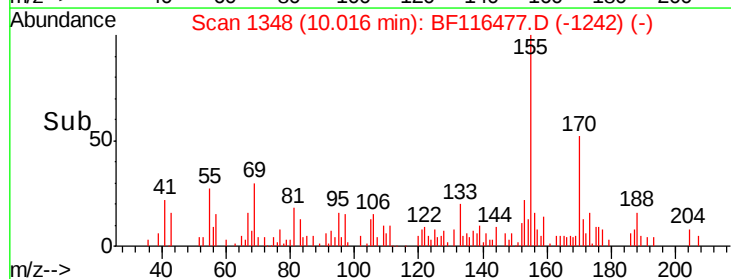
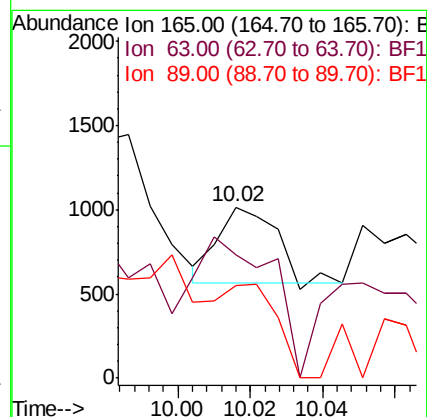
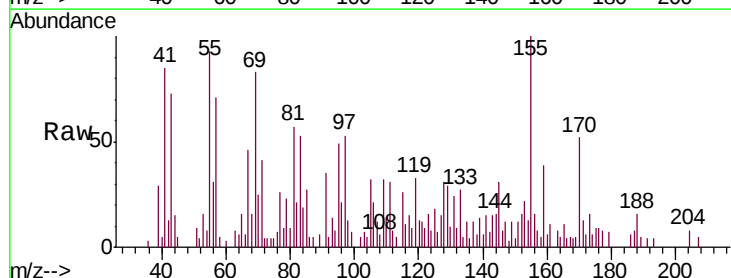
Tgt Ion:165 Resp: 491

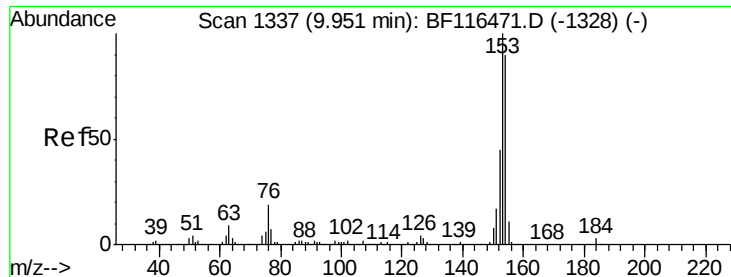
Ion Ratio Lower Upper

165 100

63 72.0 43.7 65.5#

89 54.2 45.1 67.7





#52

Acenaphthene

Concen: 18.673 ng

RT: 10.26 min Scan# 1389

Delta R.T. 0.31 min

Lab File: BF116477.D

Acq: 23 Aug 2019 14:45

Instrument :

BNA_F

ClientSampleId :

NB-08-082019RE

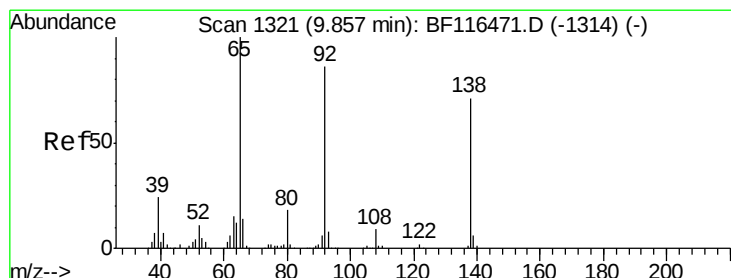
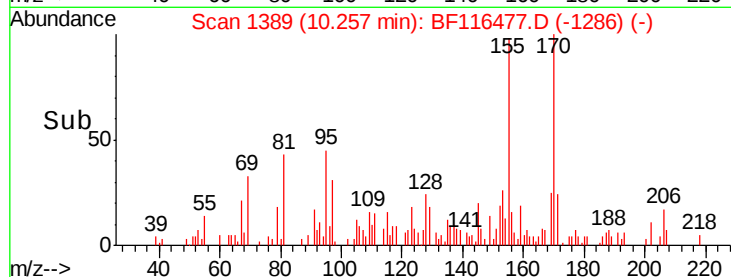
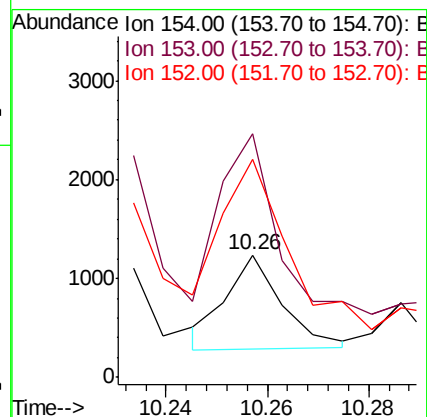
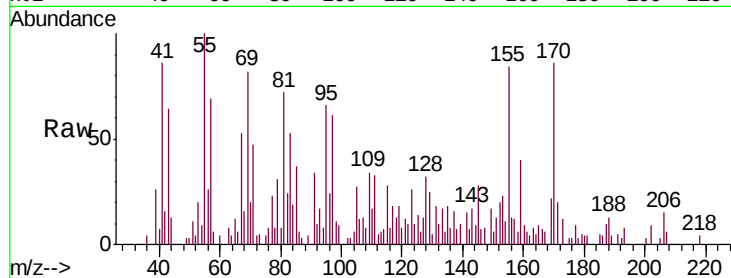
Tot Ion:154 Resp: 728

Ion Ratio Lower Upper

154 100

153 198.7 89.3 133.9#

152 178.1 40.2 60.4#



#53

3-Nitroaniline

Concen: 65.671 ng

RT: 10.19 min Scan# 1377

Delta R.T. 0.33 min

Lab File: BF116477.D

Acq: 23 Aug 2019 14:45

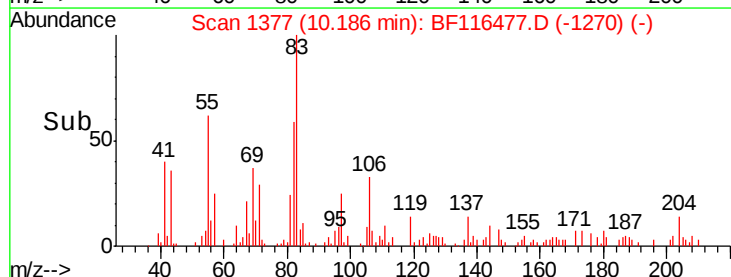
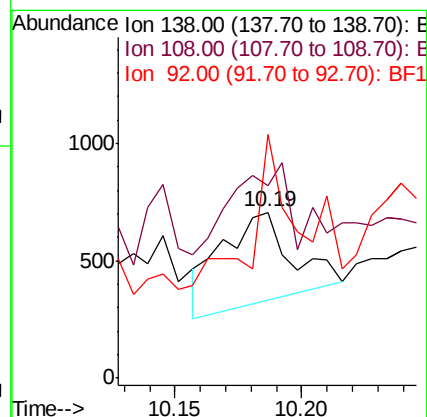
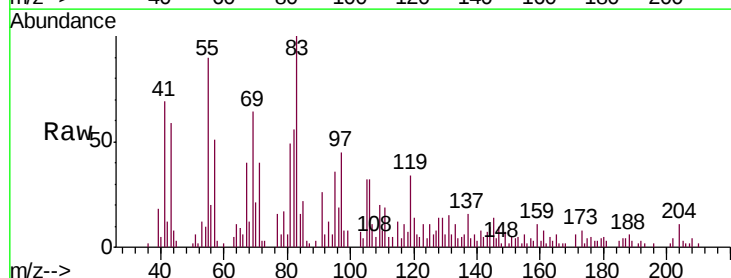
Tgt Ion:138 Resp: 749

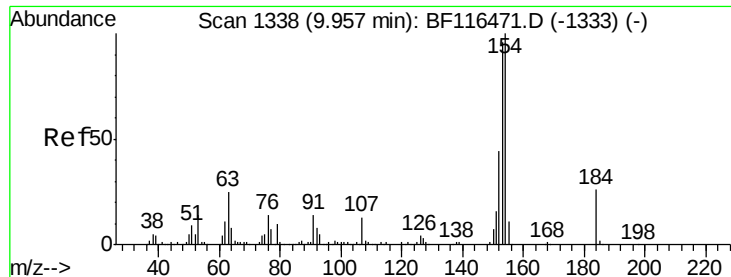
Ion Ratio Lower Upper

138 100

108 116.0 10.0 15.0#

92 146.6 97.7 146.5#

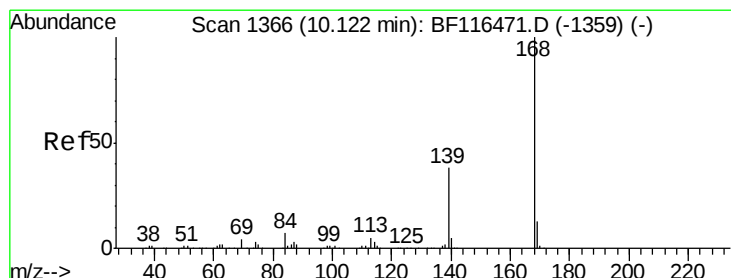
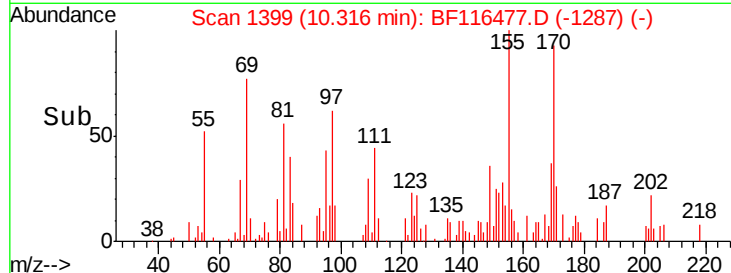
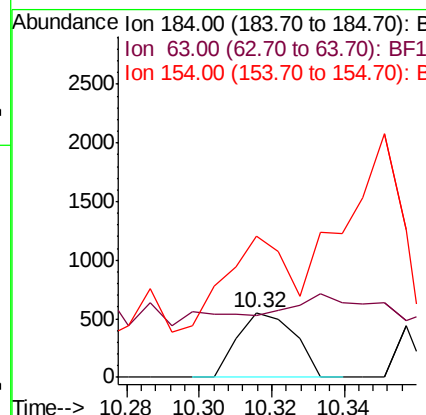
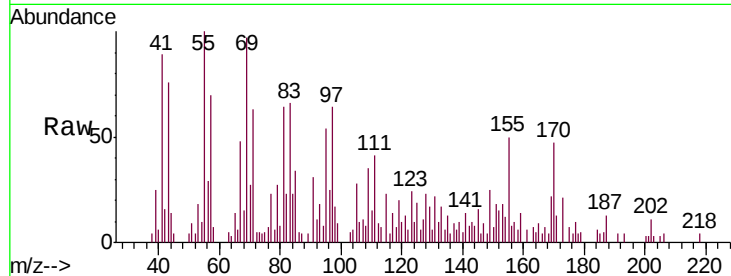




#54
 2,4-Dinitrophenol
 Concen: 152.908 ng
 RT: 10.32 min Scan# 1399
 Delta R.T. 0.36 min
 Lab File: BF116477.D
 Acq: 23 Aug 2019 14:45

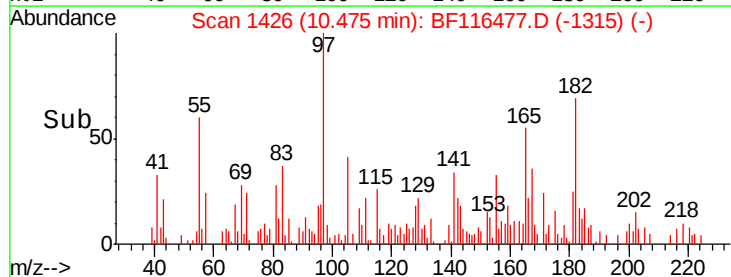
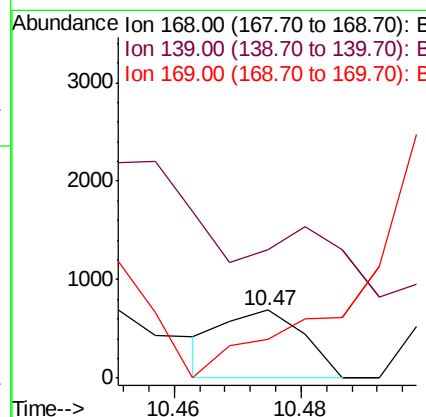
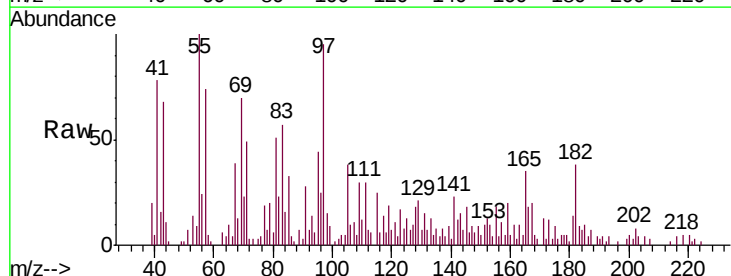
Instrument :
 BNA_F
 ClientSampleId :
 NB-08-082019RE

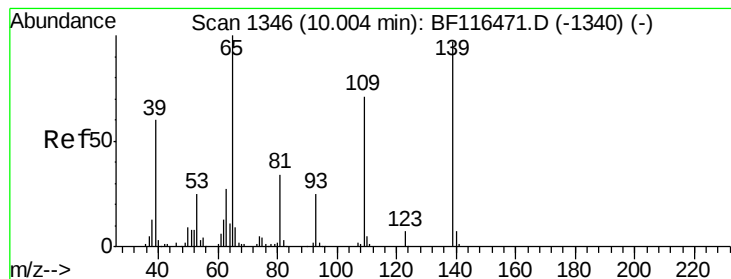
Tot Ion:184 Resp: 605
 Ion Ratio Lower Upper
 184 100
 63 95.3 78.2 117.4
 154 217.9 320.4 480.6#



#55
 Dibenzofuran
 Concen: 11.095 ng
 RT: 10.47 min Scan# 1426
 Delta R.T. 0.35 min
 Lab File: BF116477.D
 Acq: 23 Aug 2019 14:45

Tgt Ion:168 Resp: 603
 Ion Ratio Lower Upper
 168 100
 139 189.1 30.7 46.1#
 169 57.9 10.7 16.1#





#56

4-Nitrophenol

Concen: 83.701 ng

RT: 10.32 min Scan# 1400

Delta R.T. 0.32 min

Lab File: BF116477.D

Acq: 23 Aug 2019 14:45

Instrument :

BNA_F

ClientSampleId :

NB-08-082019RE

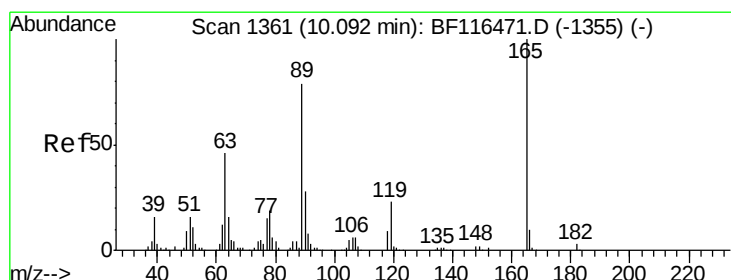
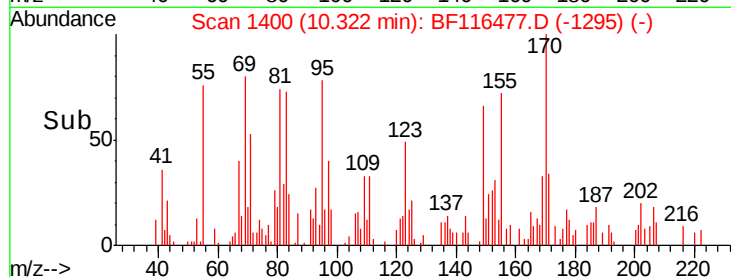
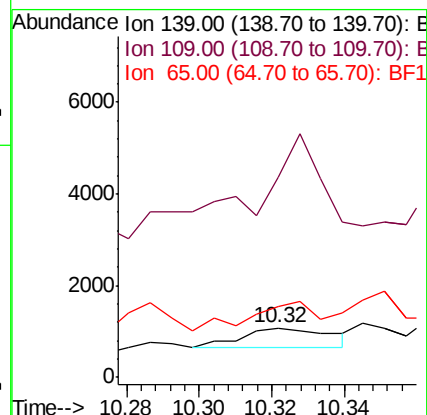
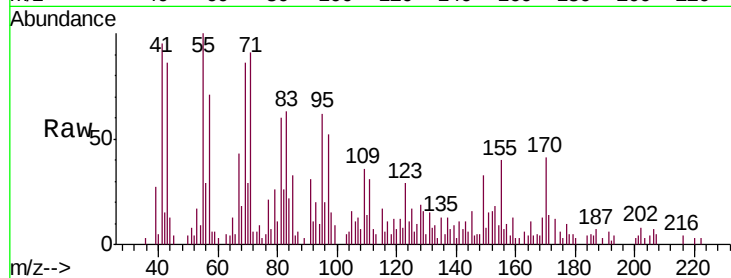
Tot Ion:139 Resp: 742

Ion Ratio Lower Upper

139 100

109 404.6 53.4 93.4#

65 142.8 83.0 123.0#



#57

2,4-Dinitrotoluene

Concen: 255.684 ng

RT: 10.41 min Scan# 1415

Delta R.T. 0.32 min

Lab File: BF116477.D

Acq: 23 Aug 2019 14:45

Tgt Ion:165 Resp: 3113

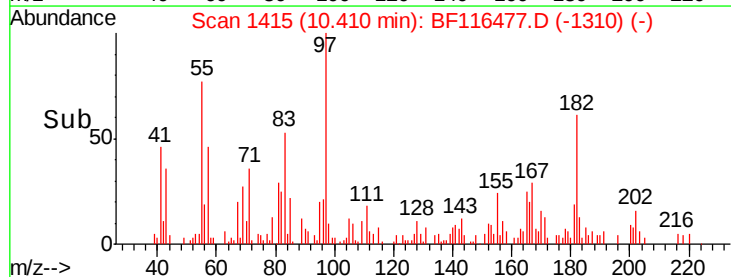
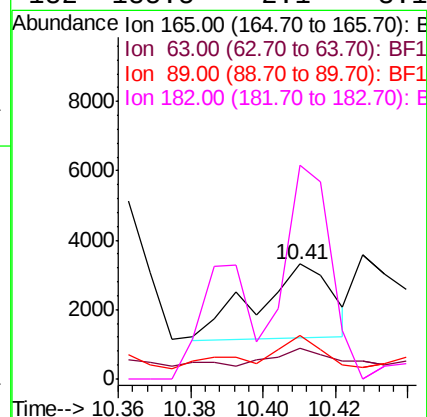
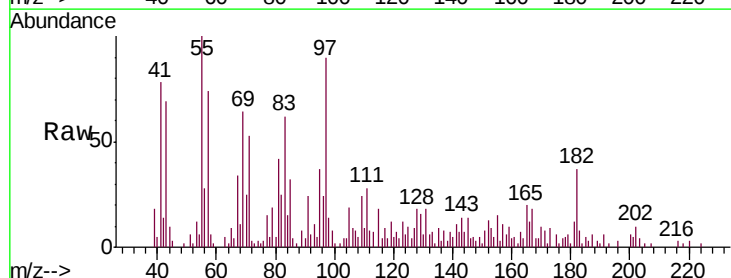
Ion Ratio Lower Upper

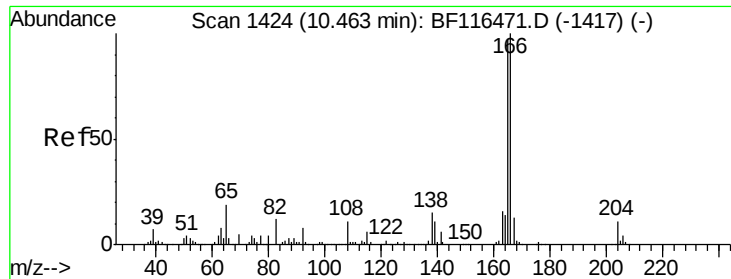
165 100

63 26.8 36.9 55.3#

89 38.1 63.4 95.0#

182 185.5 2.1 3.1#





#58

Fluorene

Concen: 9.781 ng

RT: 10.78 min Scan# 1478

Delta R.T. 0.32 min

Lab File: BF116477.D

Acq: 23 Aug 2019 14:45

Instrument :

BNA_F

ClientSampleId :

NB-08-082019RE

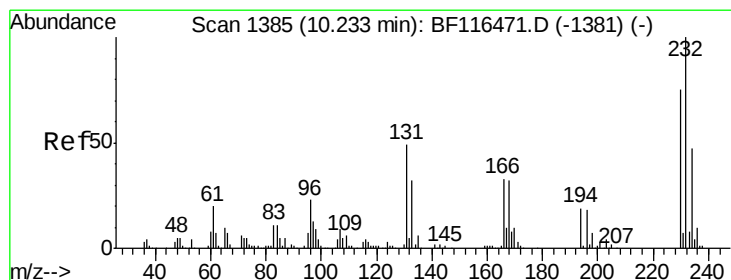
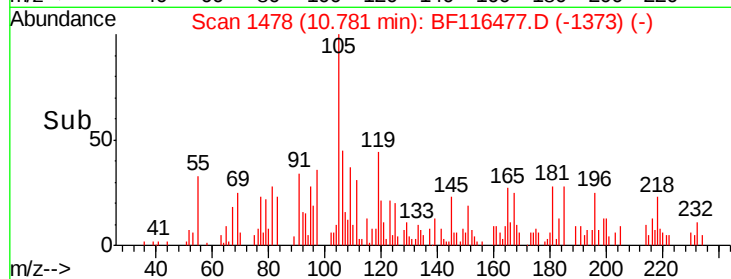
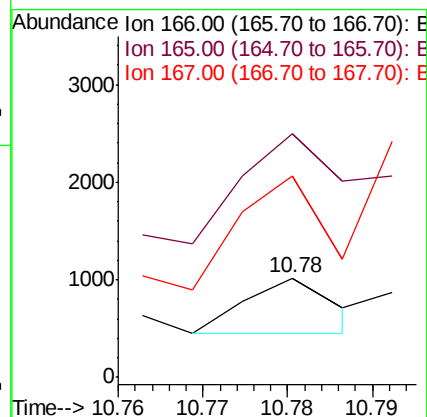
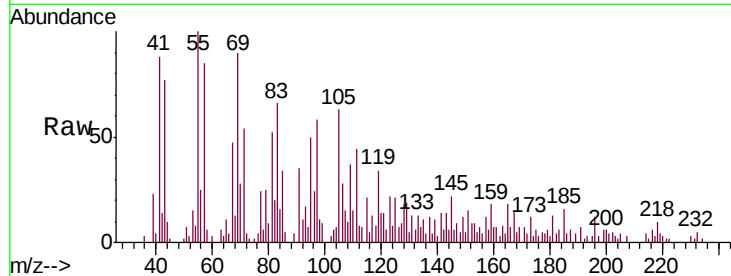
Tot Ion:166 Resp: 413

Ion Ratio Lower Upper

166 100

165 244.5 77.4 116.0#

167 202.0 10.8 16.2#



#59

2,3,4,6-Tetrachlorophenol

Concen: 16.318 ng

RT: 10.58 min Scan# 1444

Delta R.T. 0.35 min

Lab File: BF116477.D

Acq: 23 Aug 2019 14:45

Tgt Ion:232 Resp: 172

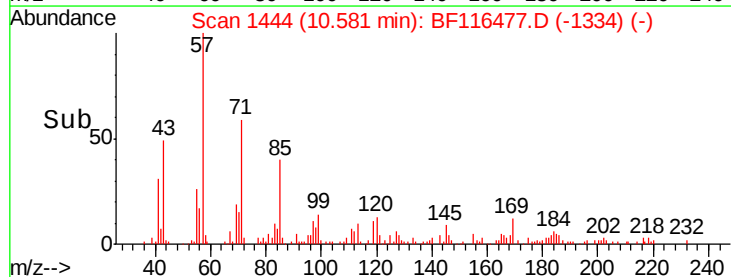
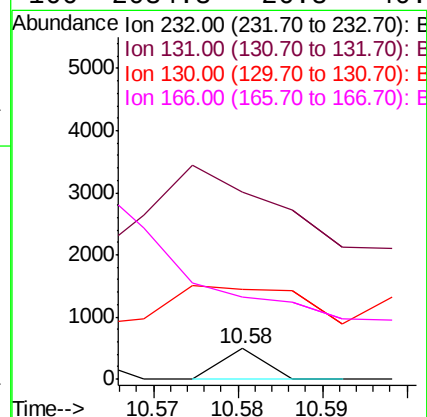
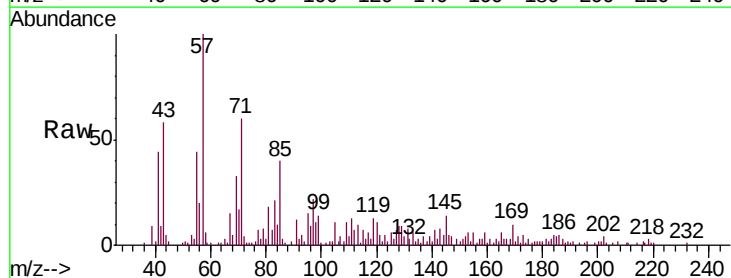
Ion Ratio Lower Upper

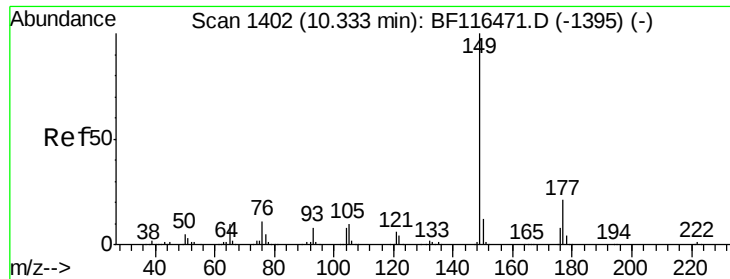
232 100

131 1323.8 40.8 61.2#

130 381.4 1.8 2.8#

166 2034.3 26.8 40.2#





#60

Diethylphthalate

Concen: 10.665 ng

RT: 10.62 min Scan# 1451

Delta R.T. 0.29 min

Lab File: BF116477.D

Acq: 23 Aug 2019 14:45

Instrument :

BNA_F

ClientSampleId :

NB-08-082019RE

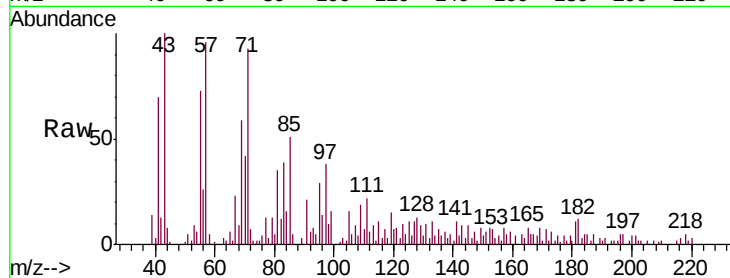
Tot Ion:149 Resp: 490

Ion Ratio Lower Upper

149 100

177 42.7 17.1 25.7#

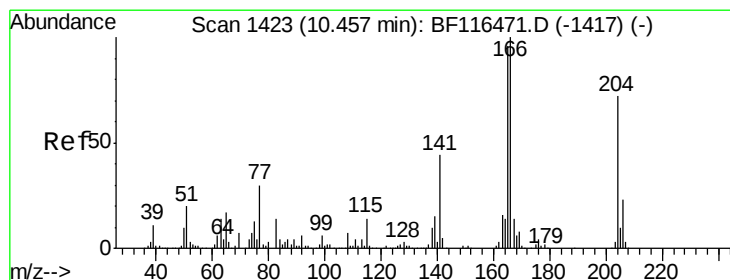
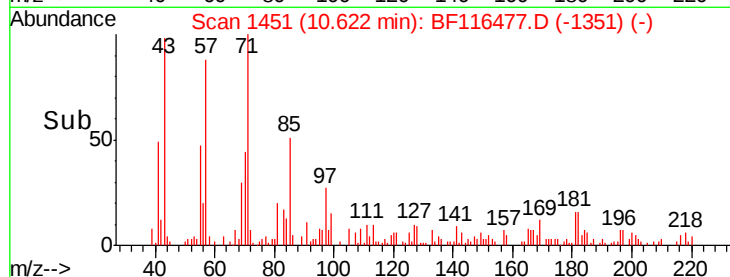
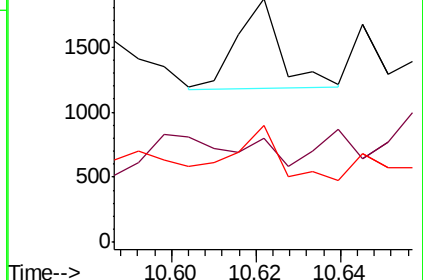
150 48.2 9.8 14.6#



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: 25.438 ng

RT: 10.79 min Scan# 1480

Delta R.T. 0.34 min

Lab File: BF116477.D

Acq: 23 Aug 2019 14:45

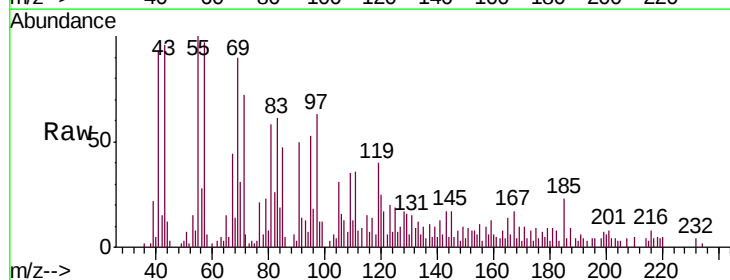
Tgt Ion:204 Resp: 524

Ion Ratio Lower Upper

204 100

206 0.0 25.9 38.9#

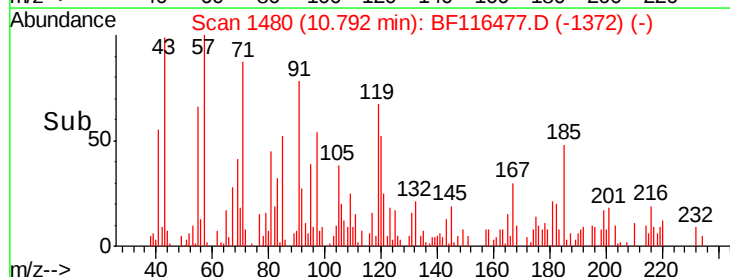
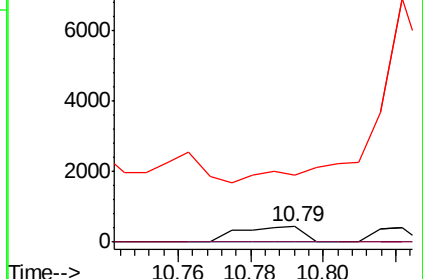
141 433.8 48.6 73.0#

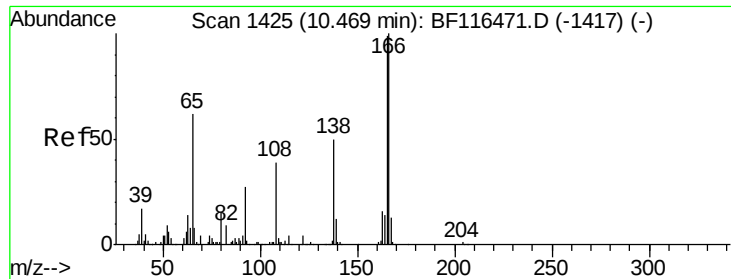


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#62

4-Nitroaniline

Concen: 53.878 ng

RT: 10.66 min Scan# 1458

Delta R.T. 0.19 min

Lab File: BF116477.D

Acq: 23 Aug 2019 14:45

Instrument :

BNA_F

ClientSampleId :

NB-08-082019RE

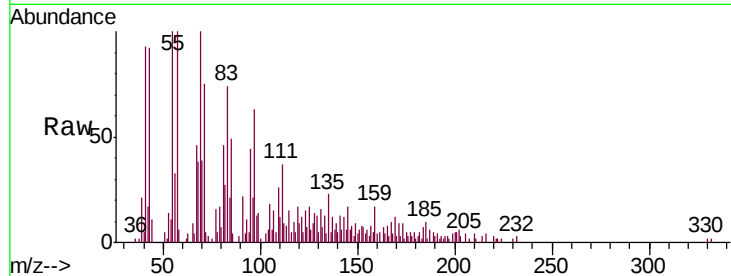
Tot Ion:138 Resp: 601

Ion Ratio Lower Upper

138 100

92 67.2 34.9 74.9

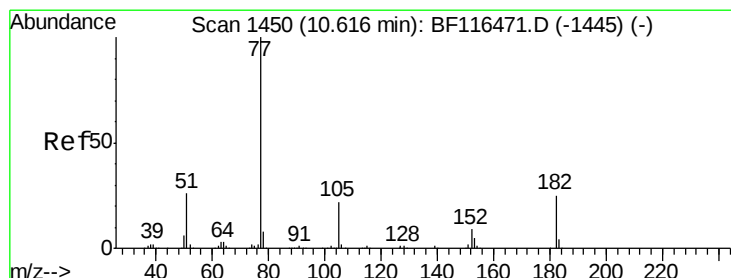
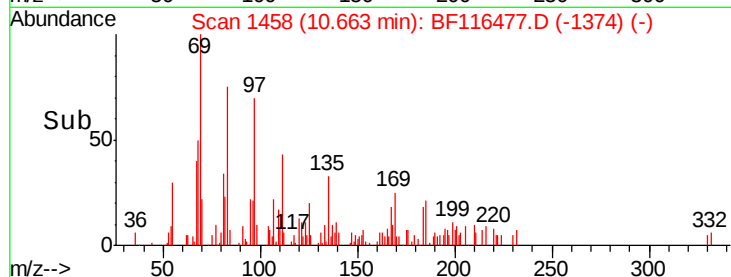
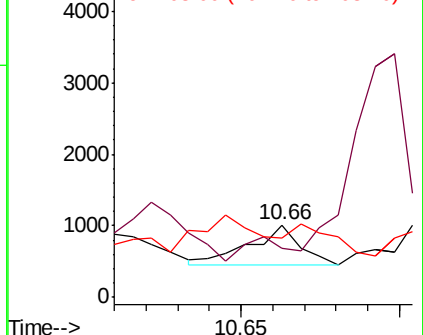
108 81.1 57.7 97.7



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E



#63

Azobenzene

Concen: 32.641 ng

RT: 10.95 min Scan# 1506

Delta R.T. 0.33 min

Lab File: BF116477.D

Acq: 23 Aug 2019 14:45

Tgt Ion: 77 Resp: 1542

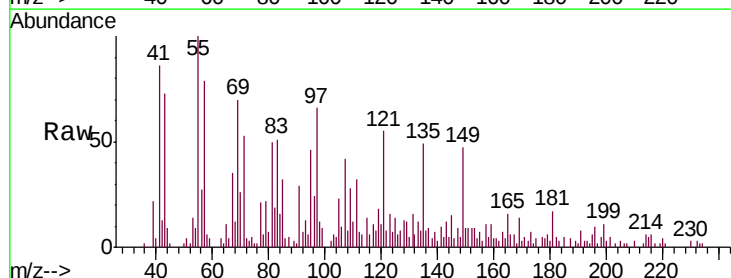
Ion Ratio Lower Upper

77 100

182 23.8 5.4 45.4

105 111.0 1.6 41.6#

51 21.7 6.2 46.2

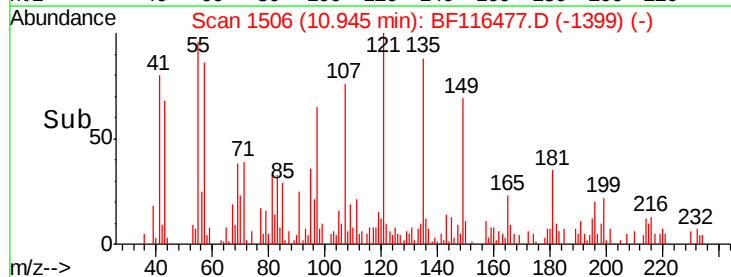
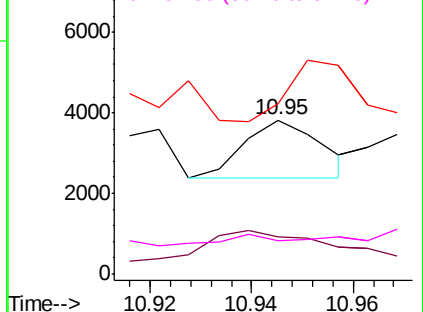


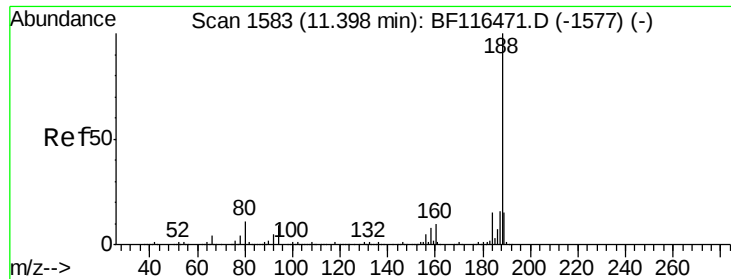
Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.76 min Scan# 1644

Delta R.T. 0.36 min

Lab File: BF116477.D

Acq: 23 Aug 2019 14:45

Instrument :

BNA_F

ClientSampleId :

NB-08-082019RE

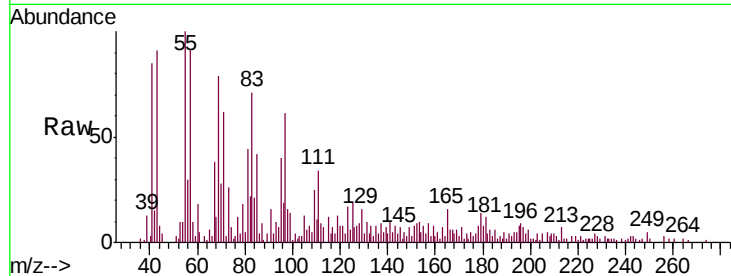
Tot Ion:188 Resp: 370

Ion Ratio Lower Upper

188 100

94 414.2 7.4 11.2#

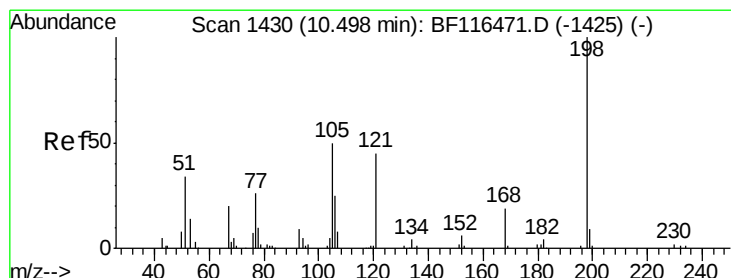
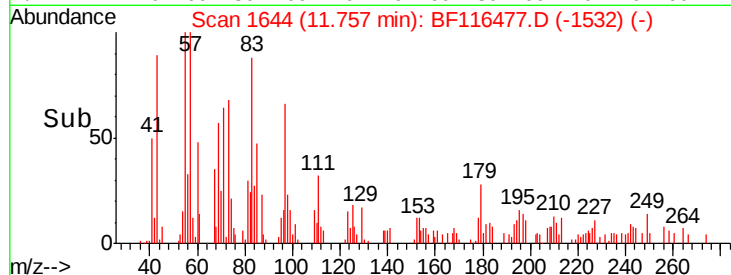
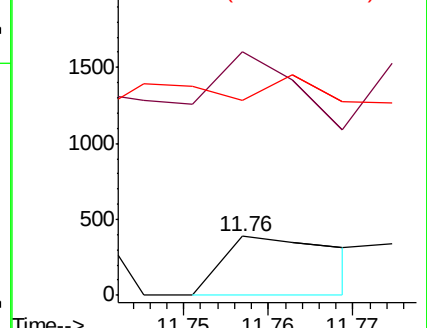
80 332.3 8.6 12.8#



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: 912.192 ng

RT: 10.82 min Scan# 1485

Delta R.T. 0.32 min

Lab File: BF116477.D

Acq: 23 Aug 2019 14:45

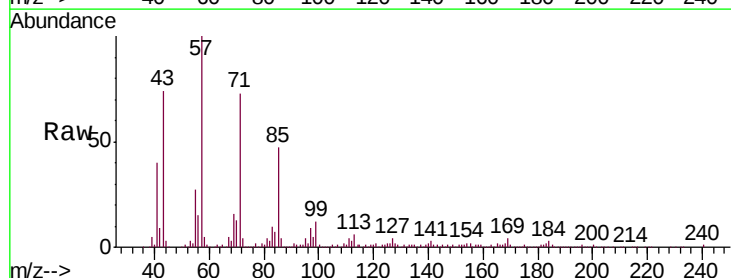
Tgt Ion:198 Resp: 1608

Ion Ratio Lower Upper

198 100

51 153.0 30.4 70.4#

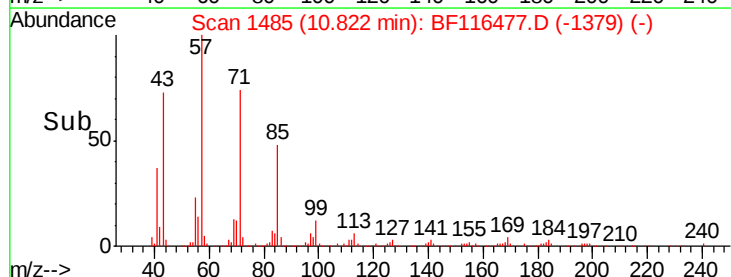
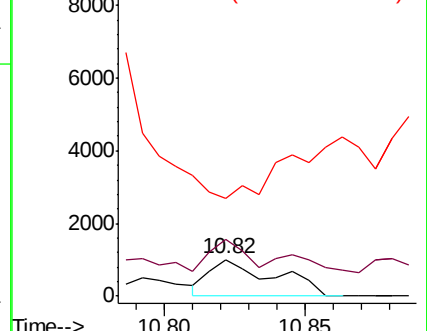
105 265.1 32.8 72.8#

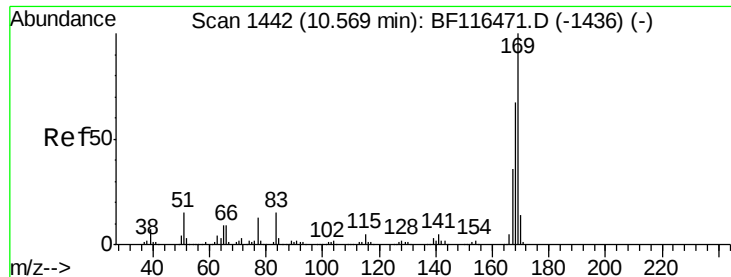


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E





#66

n-Nitrosodiphenylamine

Concen: 526.272 ng

RT: 10.90 min Scan# 1498

Delta R.T. 0.33 min

Lab File: BF116477.D

Acq: 23 Aug 2019 14:45

Instrument :

BNA_F

ClientSampleId :

NB-08-082019RE

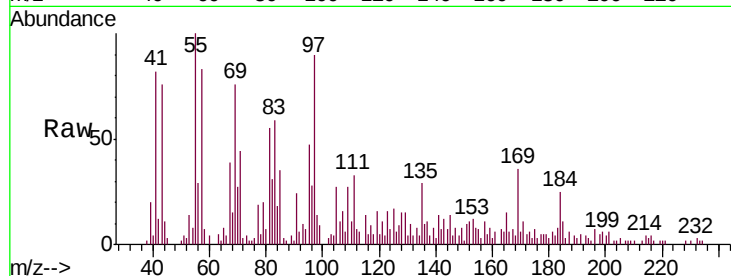
Tot Ion:169 Resp: 6305

Ion Ratio Lower Upper

169 100

168 12.3 53.6 80.4#

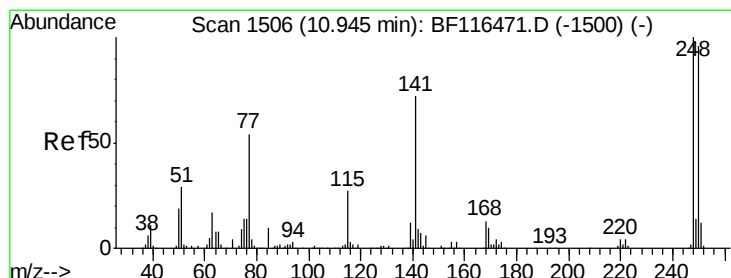
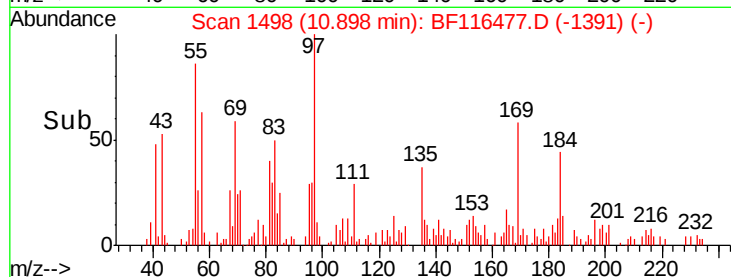
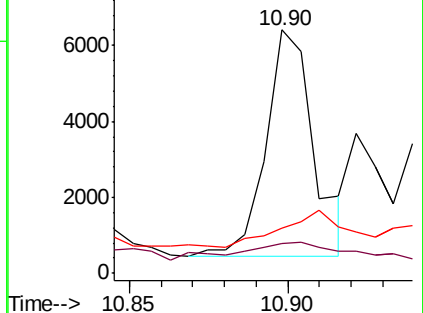
167 18.8 28.7 43.1#



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#67

4-Bromophenyl-phenylether

Concen: 29.904 ng

RT: 11.31 min Scan# 1568

Delta R.T. 0.36 min

Lab File: BF116477.D

Acq: 23 Aug 2019 14:45

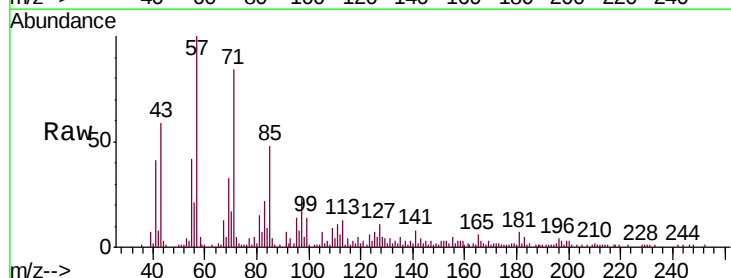
Tgt Ion:248 Resp: 116

Ion Ratio Lower Upper

248 100

250 0.0 77.0 115.6#

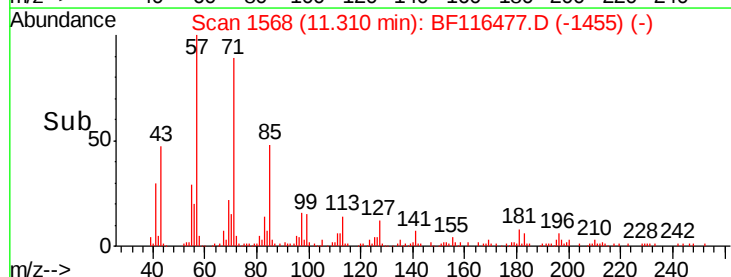
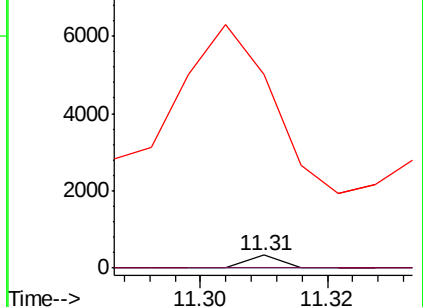
141 1520.1 57.4 86.0#

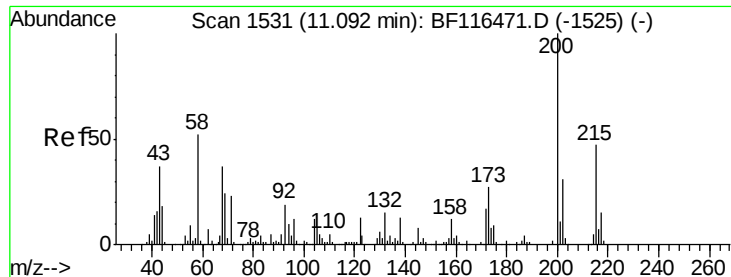


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

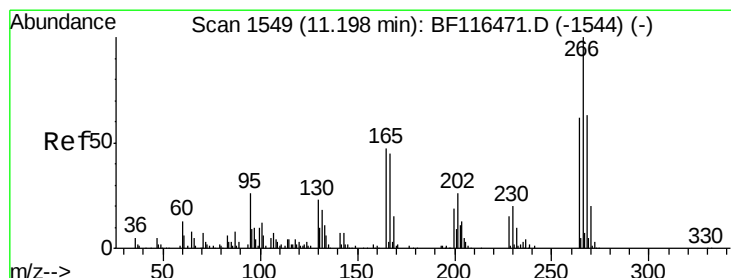
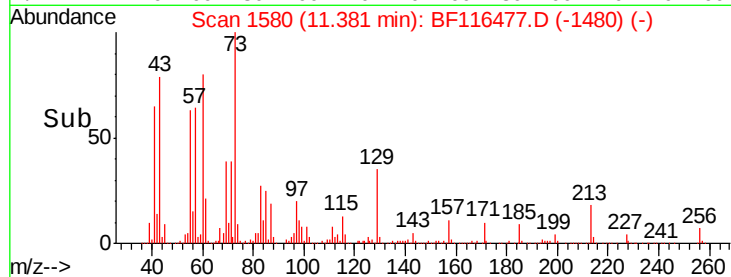
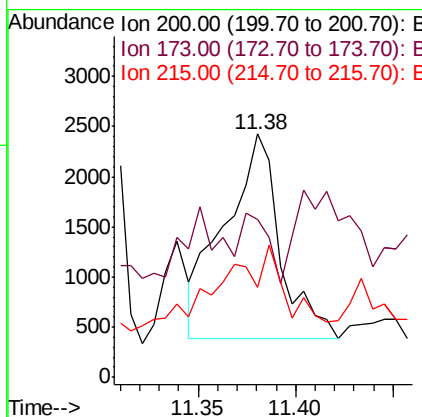
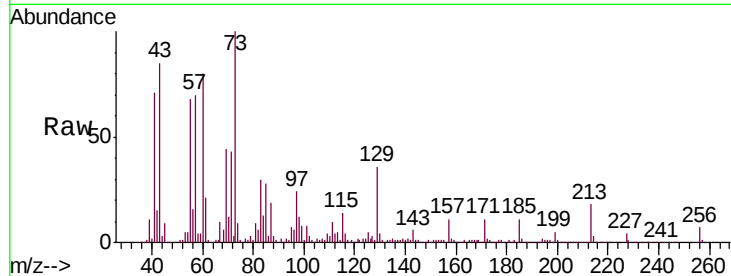




#69
 Atrazine
 Concen: 1134.120 ng
 RT: 11.38 min Scan# 1580
 Delta R.T. 0.29 min
 Lab File: BF116477.D
 Acq: 23 Aug 2019 14:45

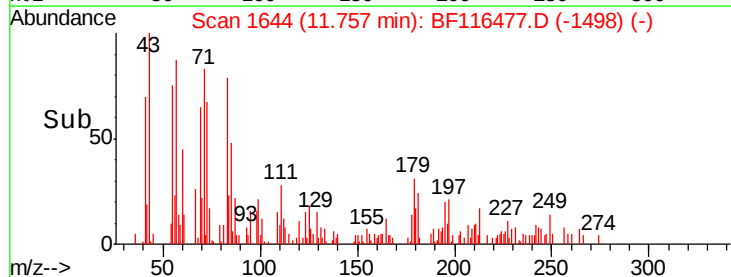
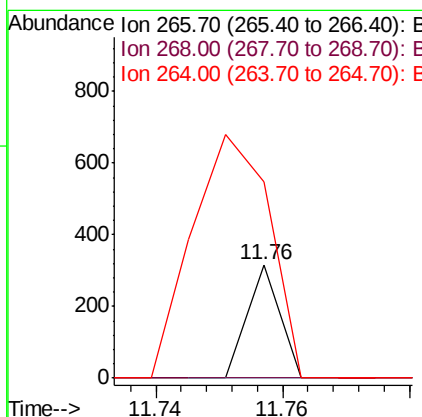
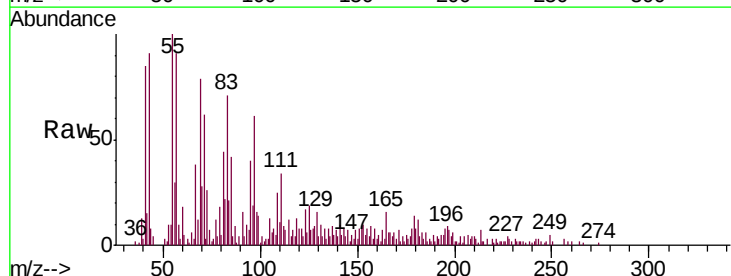
Instrument :
 BNA_F
 ClientSampleId :
 NB-08-082019RE

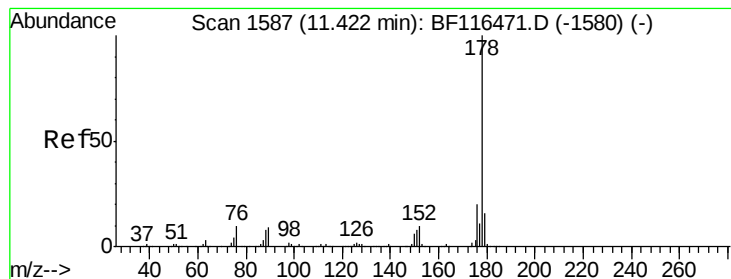
Tot Ion	Ratio	Lower	Upper
200	100		
173	64.6	7.3	47.3#
215	36.9	26.7	66.7



#70
 Pentachlorophenol
 Concen: 44.744 ng
 RT: 11.76 min Scan# 1644
 Delta R.T. 0.56 min
 Lab File: BF116477.D
 Acq: 23 Aug 2019 14:45

Tgt Ion	Ratio	Lower	Upper
266	100		
268	0.0	50.7	76.1#
264	173.1	50.0	75.0#





#71

Phenanthrene

Concen: 68.317 ng

RT: 11.81 min Scan# 1653

Delta R.T. 0.39 min

Lab File: BF116477.D

Acq: 23 Aug 2019 14:45

Instrument :

BNA_F

ClientSampleId :

NB-08-082019RE

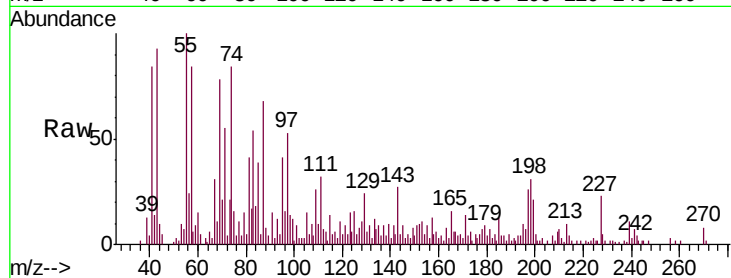
Tot Ion:178 Resp: 1377

Ion Ratio Lower Upper

178 100

176 44.2 15.8 23.6#

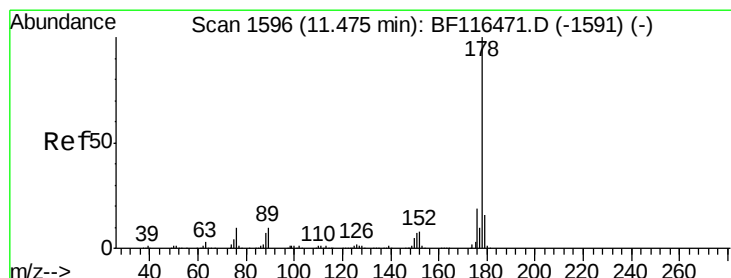
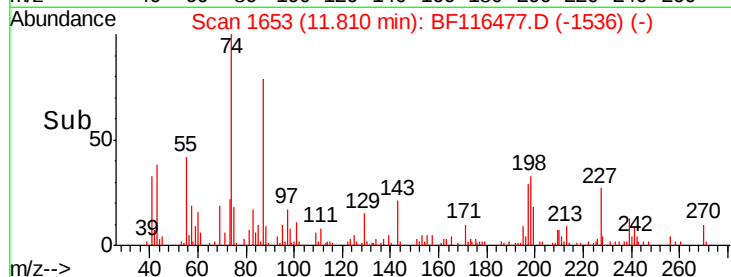
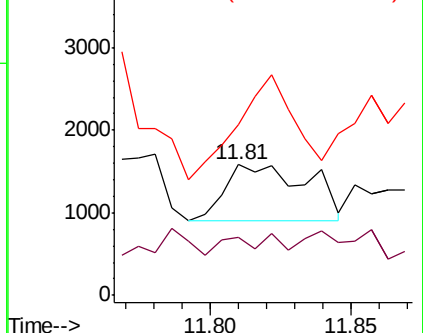
179 130.4 12.8 19.2#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 67.986 ng

RT: 11.81 min Scan# 1653

Delta R.T. 0.34 min

Lab File: BF116477.D

Acq: 23 Aug 2019 14:45

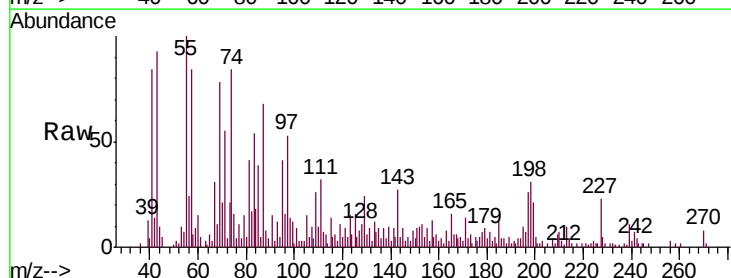
Tgt Ion:178 Resp: 1377

Ion Ratio Lower Upper

178 100

176 44.2 15.2 22.8#

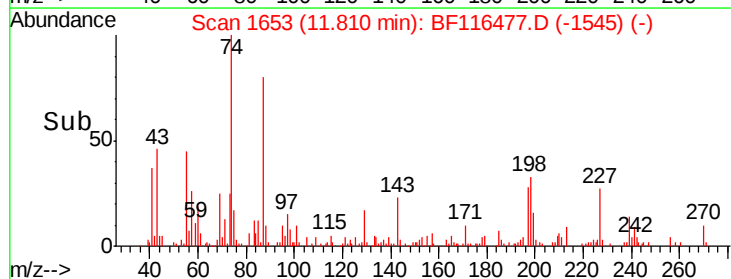
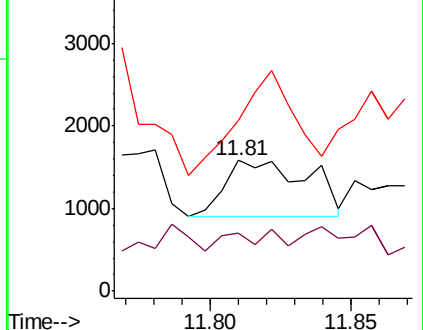
179 130.4 12.5 18.7#

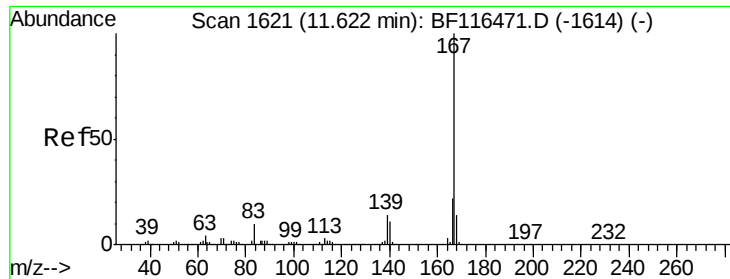


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

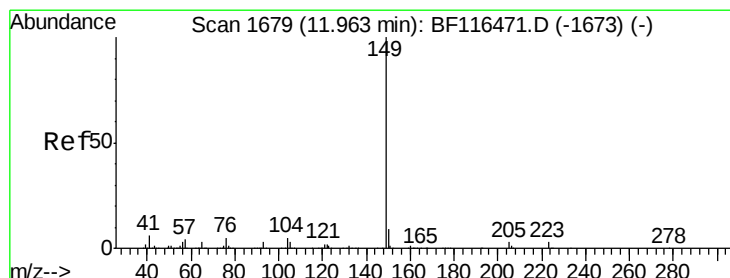
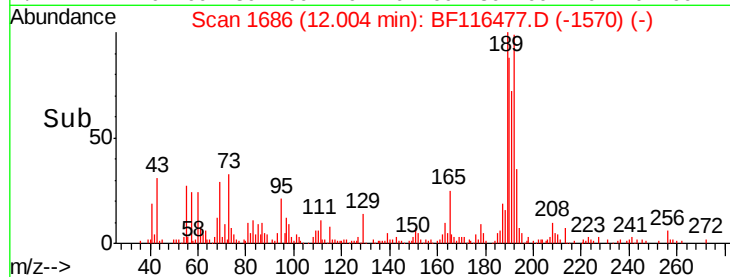
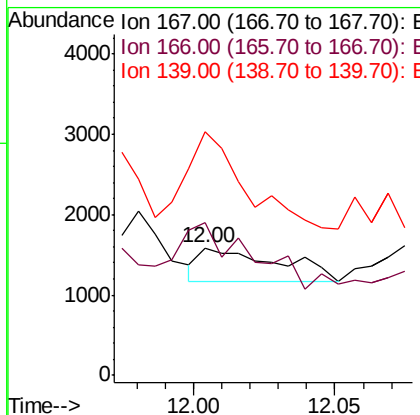
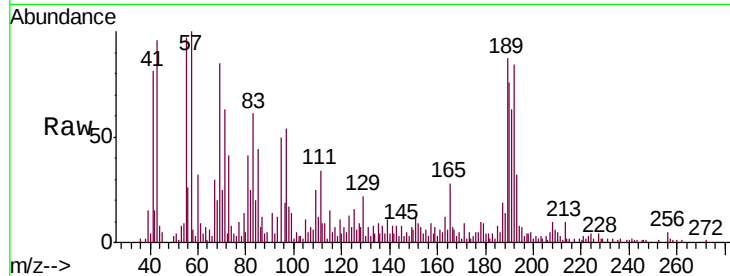




#73
 Carbazole
 Concen: 43.288 ng
 RT: 12.00 min Scan# 1686
 Delta R.T. 0.38 min
 Lab File: BF116477.D
 Acq: 23 Aug 2019 14:45

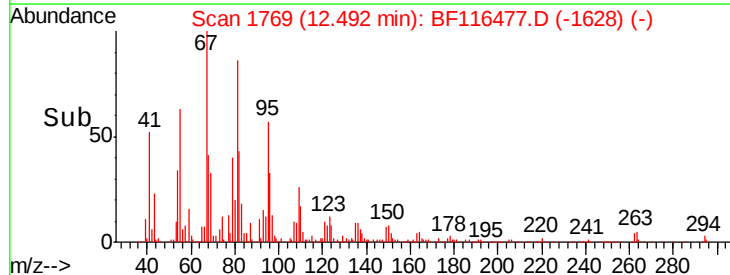
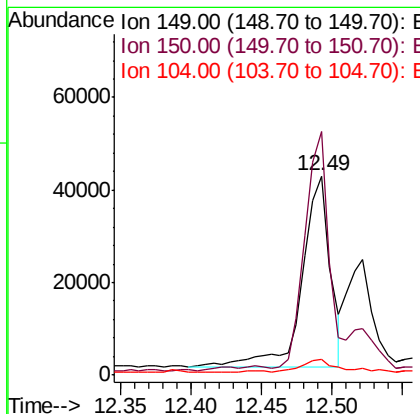
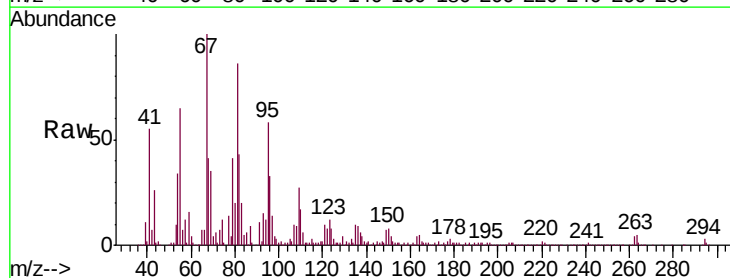
Instrument :
 BNA_F
 ClientSampleId :
 NB-08-082019RE

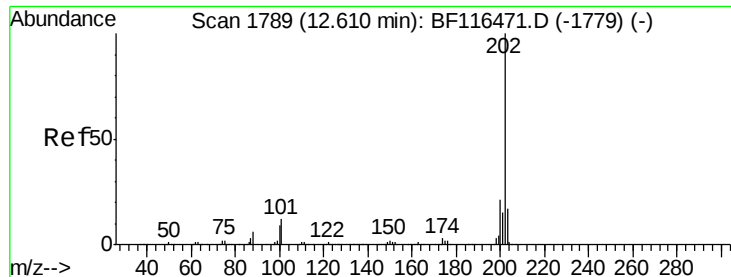
Tot Ion:167 Resp: 787
 Ion Ratio Lower Upper
 167 100
 166 120.0 17.8 26.6#
 139 191.0 10.9 16.3#



#74
 Di-n-butylphthalate
 Concen: 2568.892 ng
 RT: 12.49 min Scan# 1769
 Delta R.T. 0.53 min
 Lab File: BF116477.D
 Acq: 23 Aug 2019 14:45

Tgt Ion:149 Resp: 57873
 Ion Ratio Lower Upper
 149 100
 150 122.3 7.5 11.3#
 104 8.1 4.1 6.1#





#75

Fluoranthene

Concen: 19803.120 ng

RT: 12.84 min Scan# 1828

Delta R.T. 0.23 min

Lab File: BF116477.D

Acq: 23 Aug 2019 14:45

Instrument :

BNA_F

ClientSampleId :

NB-08-082019RE

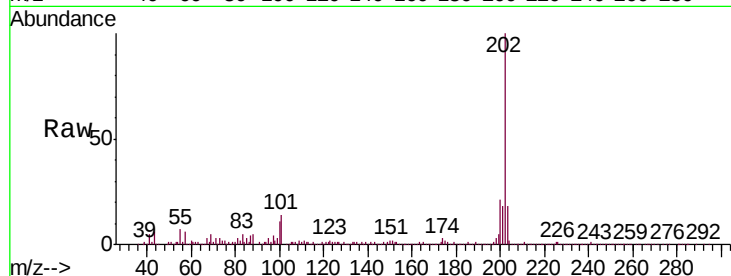
Tot Ion:202 Resp: 412670

Ion Ratio Lower Upper

202 100

101 14.4 0.0 31.5

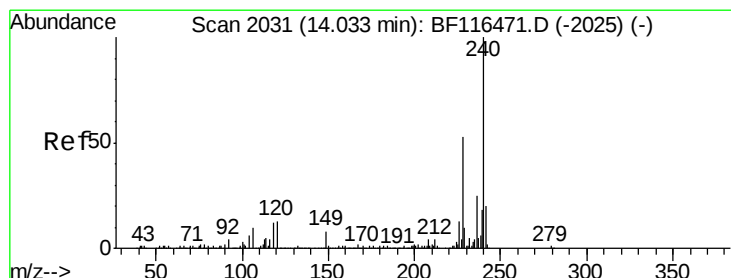
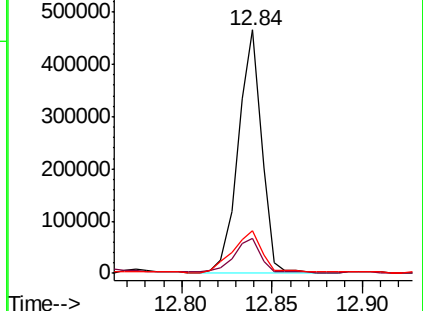
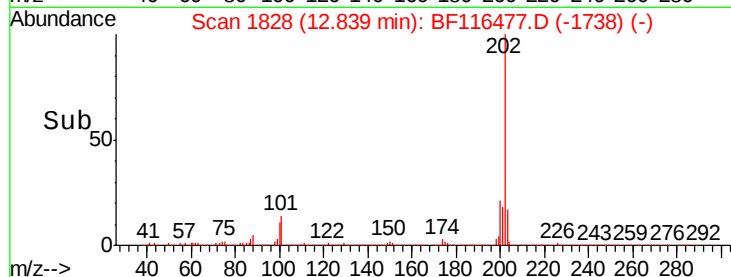
203 17.7 0.0 37.5



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: 14.45 min Scan# 2102

Delta R.T. 0.42 min

Lab File: BF116477.D

Acq: 23 Aug 2019 14:45

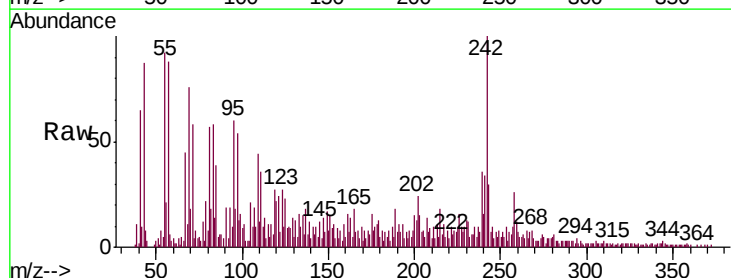
Tgt Ion:240 Resp: 2465

Ion Ratio Lower Upper

240 100

120 138.2 10.5 15.7#

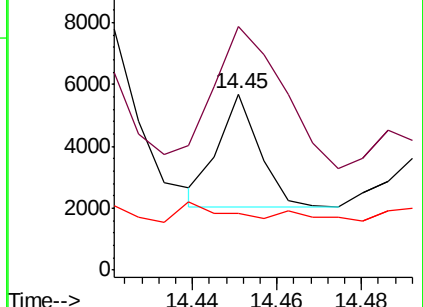
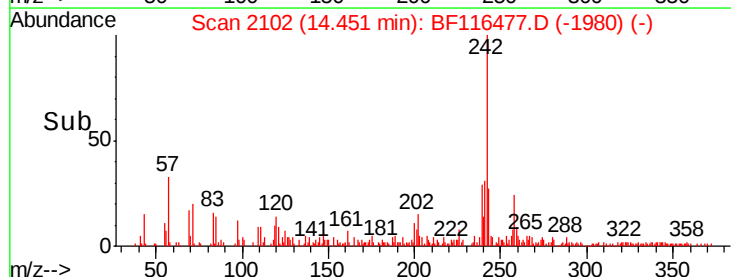
236 32.1 20.2 30.2#

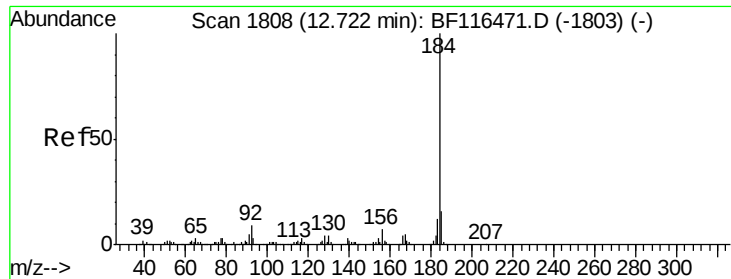


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 5.606 ng

RT: 13.07 min Scan# 1868

Delta R.T. 0.35 min

Lab File: BF116477.D

Acq: 23 Aug 2019 14:45

Instrument :

BNA_F

ClientSampleId :

NB-08-082019RE

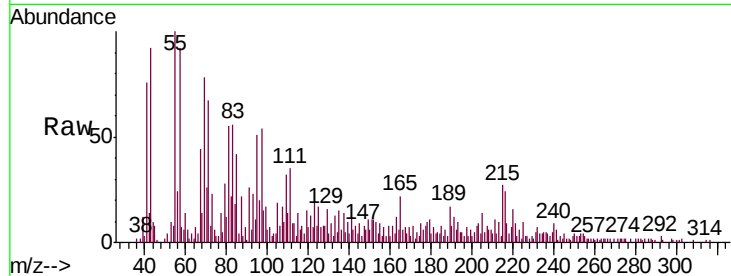
Tot Ion:184 Resp: 556

Ion Ratio Lower Upper

184 100

185 191.4 13.0 19.4#

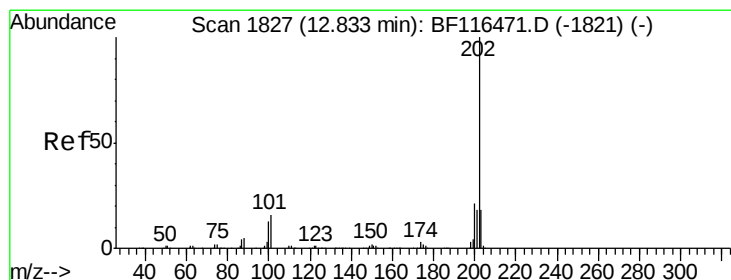
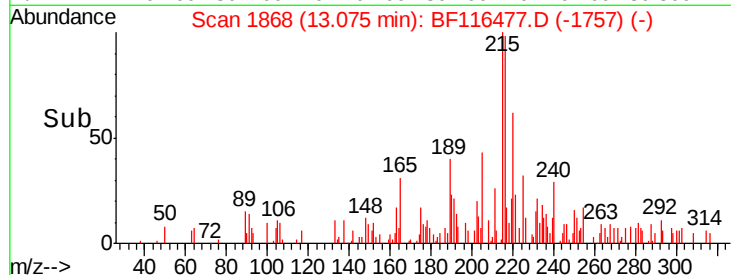
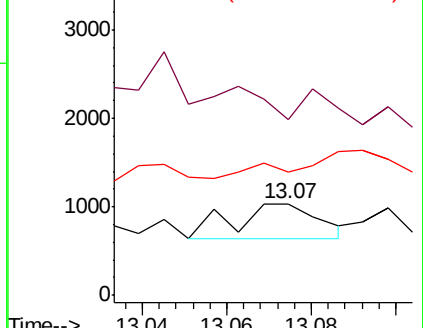
183 134.5 9.8 14.6#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 6.458 ng

RT: 13.22 min Scan# 1892

Delta R.T. 0.38 min

Lab File: BF116477.D

Acq: 23 Aug 2019 14:45

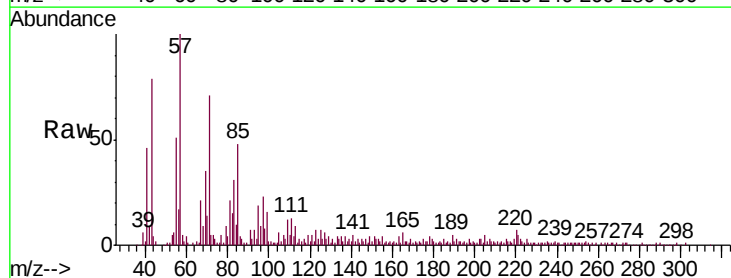
Tgt Ion:202 Resp: 1273

Ion Ratio Lower Upper

202 100

200 26.4 17.0 25.4#

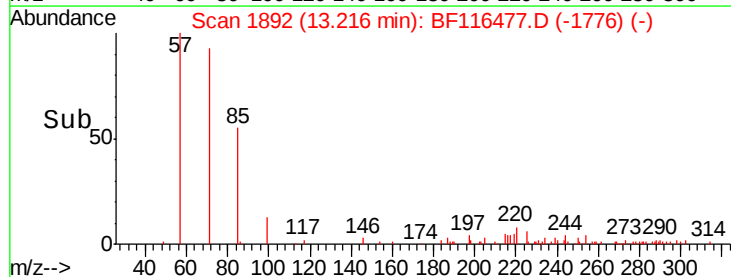
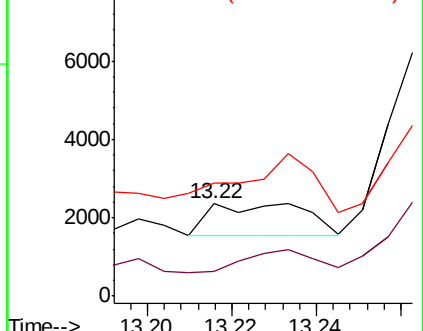
203 122.1 14.2 21.4#

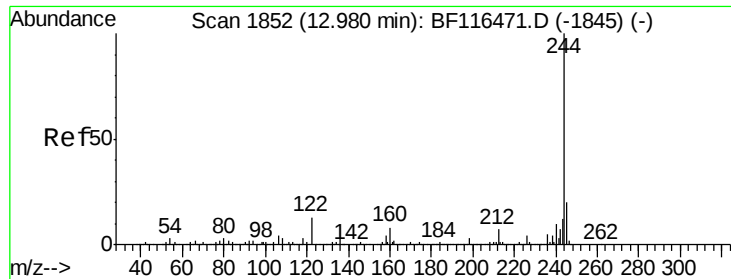


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 5.774 ng

RT: 13.34 min Scan# 1913

Delta R.T. 0.36 min

Lab File: BF116477.D

Acq: 23 Aug 2019 14:45

Instrument :

BNA_F

ClientSampleId :

NB-08-082019RE

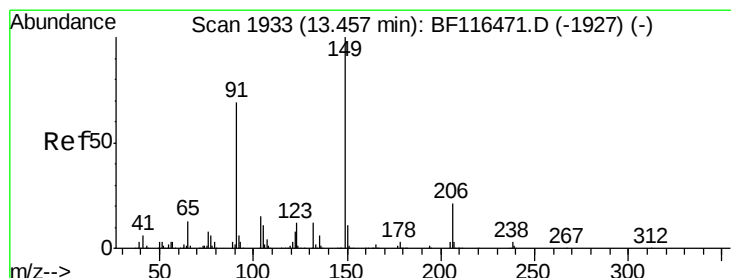
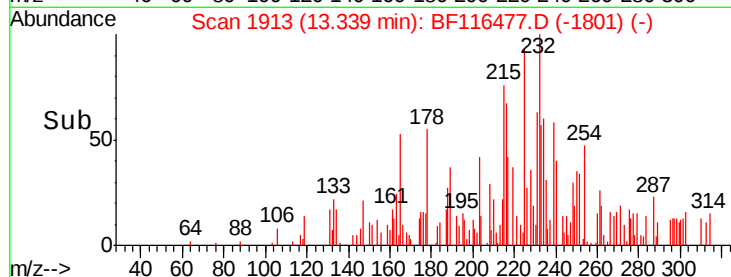
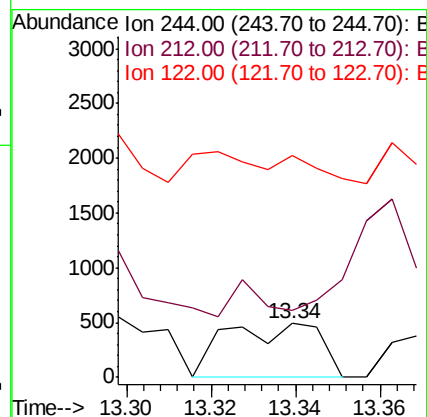
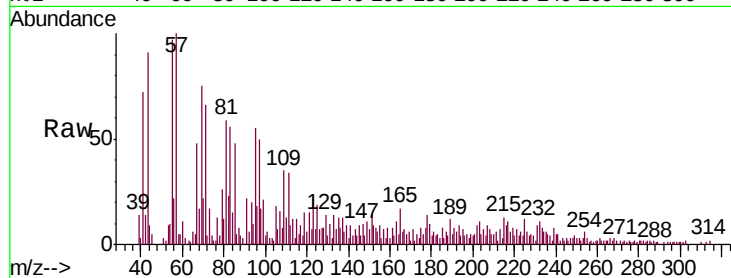
Tot Ion:244 Resp: 762

Ion Ratio Lower Upper

244 100

212 124.4 5.7 8.5#

122 410.4 10.2 15.4#



#80

Butylbenzylphthalate

Concen: 118.108 ng

RT: 13.90 min Scan# 2008

Delta R.T. 0.44 min

Lab File: BF116477.D

Acq: 23 Aug 2019 14:45

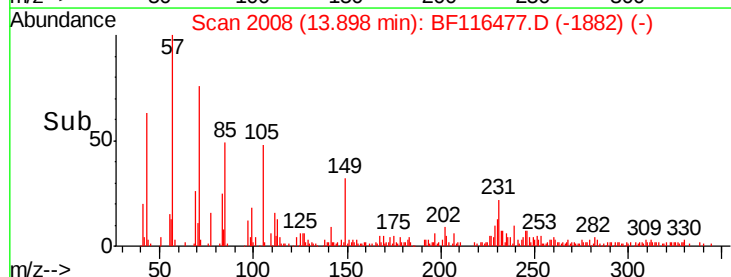
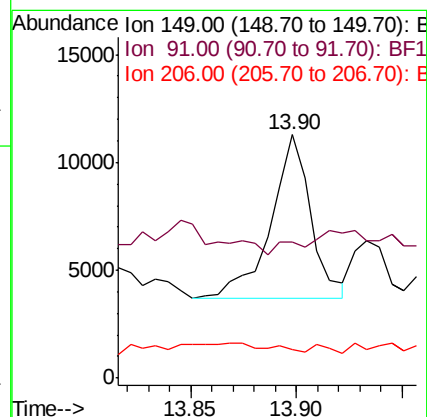
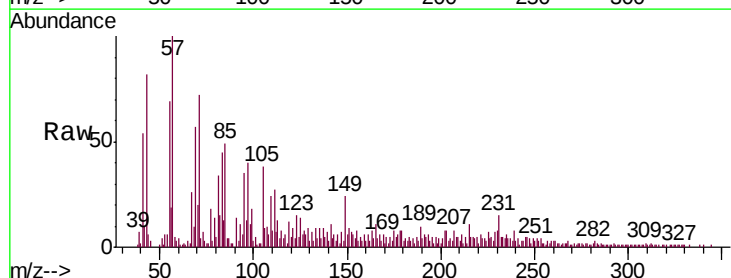
Tgt Ion:149 Resp: 10055

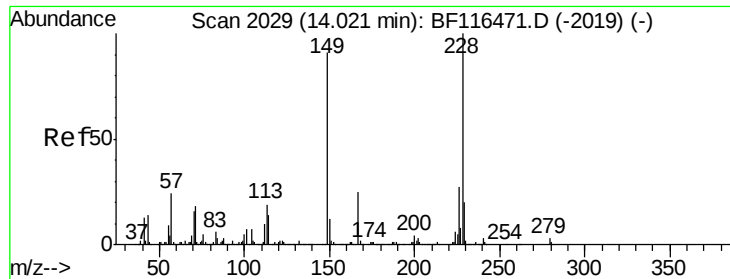
Ion Ratio Lower Upper

149 100

91 55.9 54.9 82.3

206 11.5 16.6 24.8#





#81

Benzo(a)anthracene

Concen: 6.790 ng

RT: 14.45 min Scan# 2101

Delta R.T. 0.42 min

Lab File: BF116477.D

Acq: 23 Aug 2019 14:45

Instrument :

BNA_F

ClientSampleId :

NB-08-082019RE

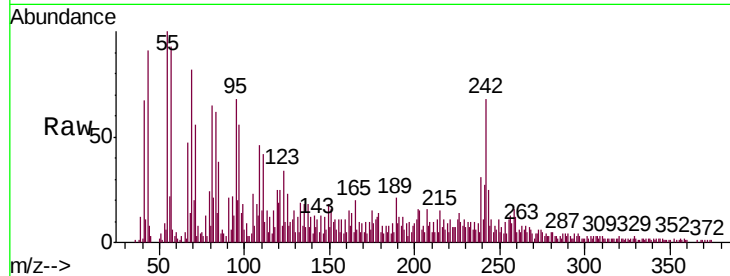
Tot Ion:228 Resp: 1084

Ion Ratio Lower Upper

228 100

226 178.8 21.8 32.6#

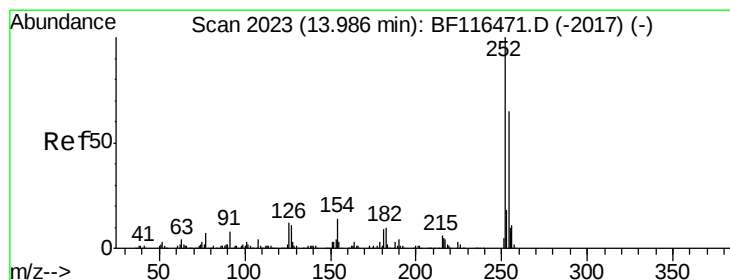
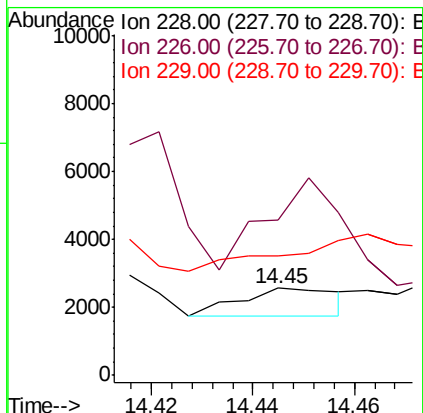
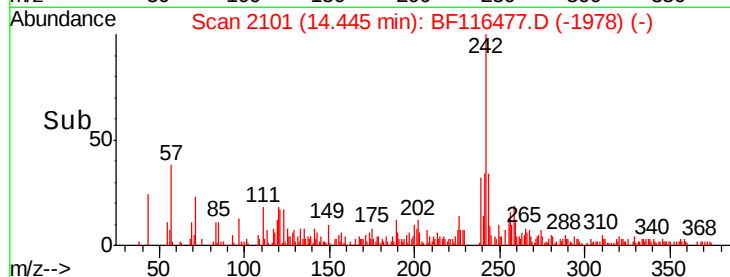
229 137.6 15.9 23.9#



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: 25.978 ng

RT: 14.39 min Scan# 2092

Delta R.T. 0.41 min

Lab File: BF116477.D

Acq: 23 Aug 2019 14:45

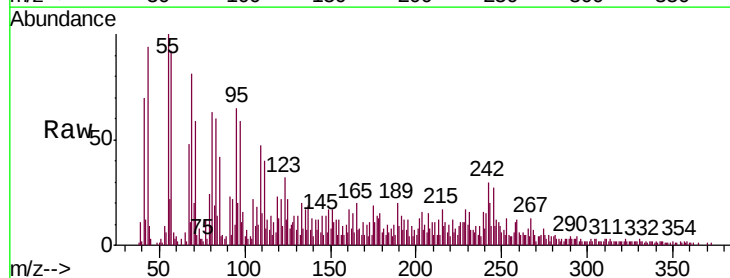
Tgt Ion:252 Resp: 1478

Ion Ratio Lower Upper

252 100

254 94.3 51.9 77.9#

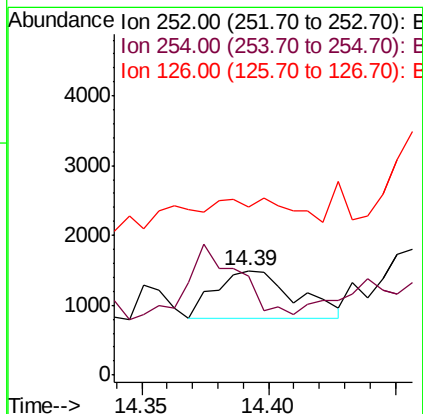
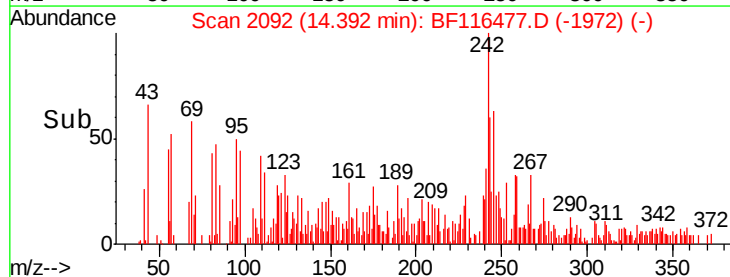
126 161.3 9.4 14.0#

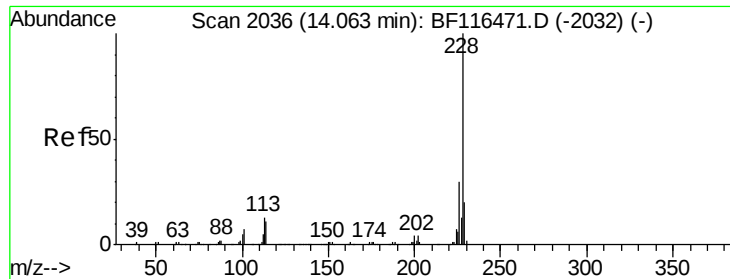


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrvsene

Concen: 8.201 ng

RT: 14.49 min Scan# 2108

Delta R.T. 0.42 min

Lab File: BF116477.D

Acq: 23 Aug 2019 14:45

Instrument :

BNA_F

ClientSampleId :

NB-08-082019RE

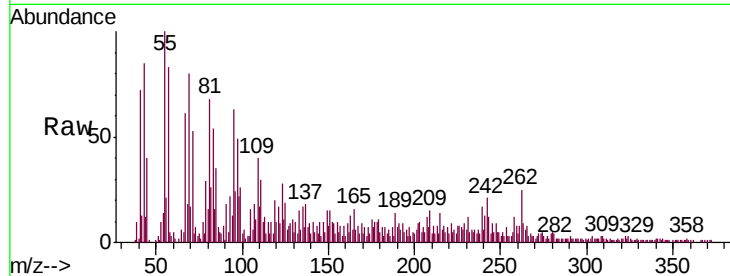
Tot Ion:228 Resp: 1327

Ion Ratio Lower Upper

228 100

226 130.0 24.2 36.2#

229 133.0 15.8 23.6#

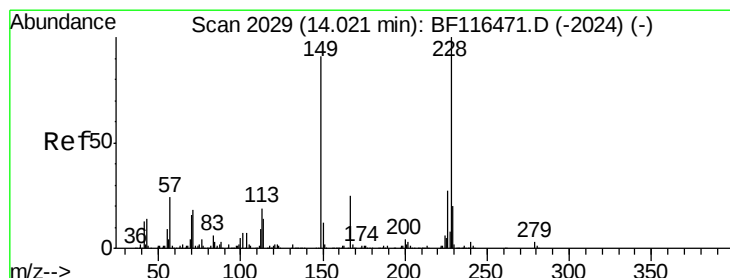
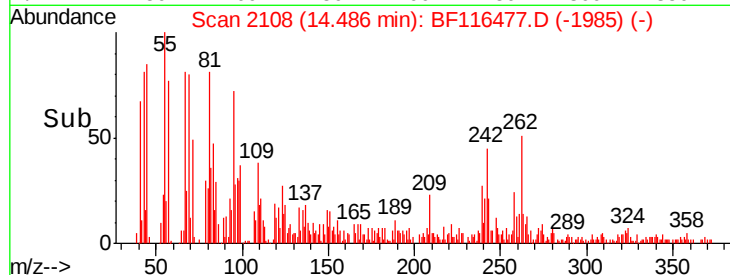
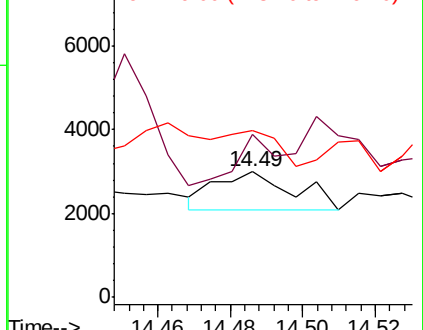


Abundance

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: 3.585 ng

RT: 14.43 min Scan# 2098

Delta R.T. 0.41 min

Lab File: BF116477.D

Acq: 23 Aug 2019 14:45

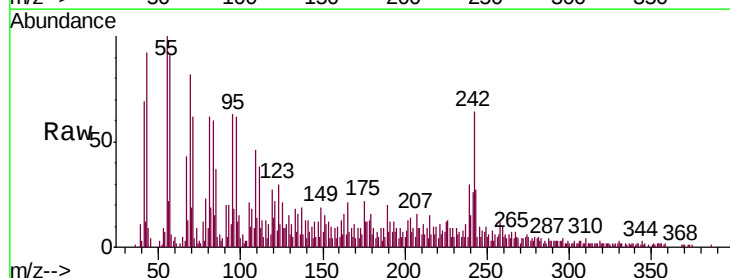
Tgt Ion:149 Resp: 407

Ion Ratio Lower Upper

149 100

167 46.6 21.8 32.6#

279 25.5 3.0 4.4#

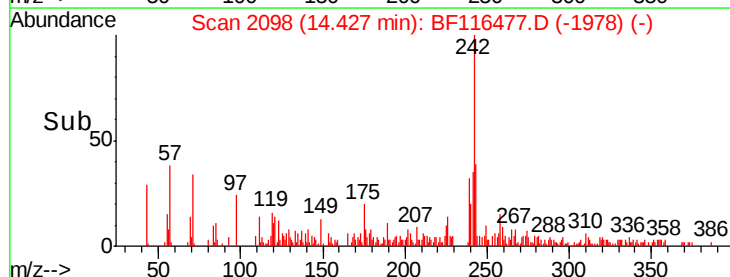
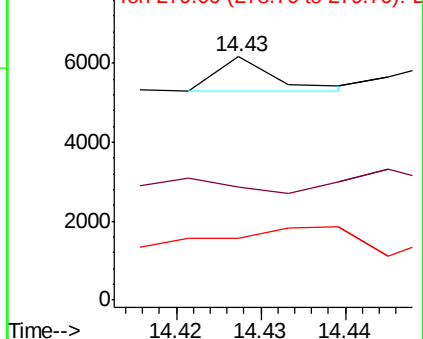


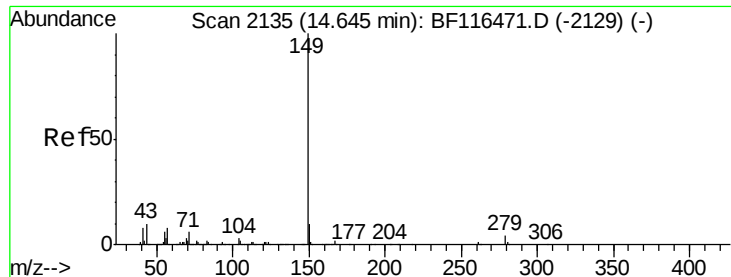
Abundance

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: 57.688 ng

RT: 15.10 min Scan# 2212

Delta R.T. 0.45 min

Lab File: BF116477.D

Acq: 23 Aug 2019 14:45

Instrument :

BNA_F

ClientSampleId :

NB-08-082019RE

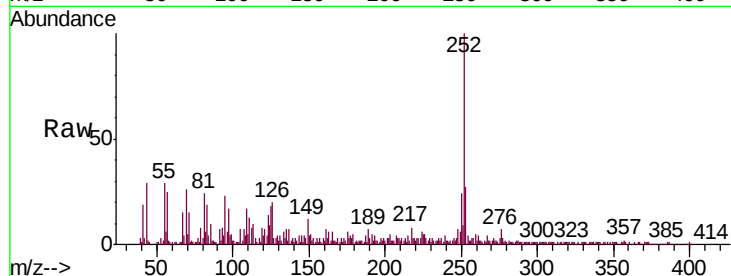
Tot Ion:149 Resp: 11118

Ion Ratio Lower Upper

149 100

167 3.8 1.3 1.9#

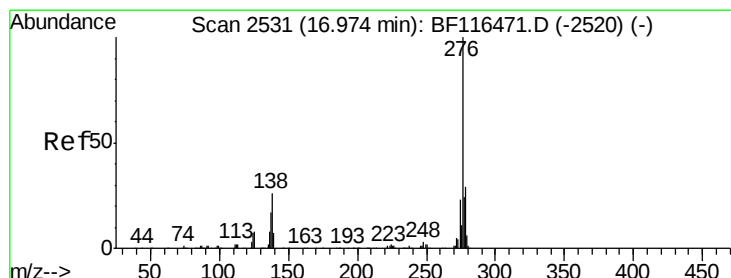
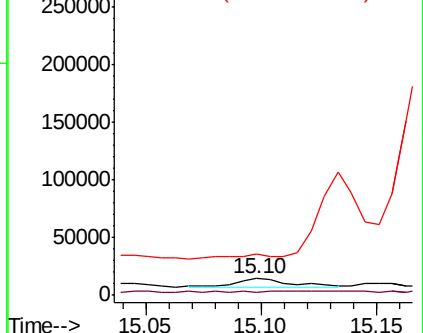
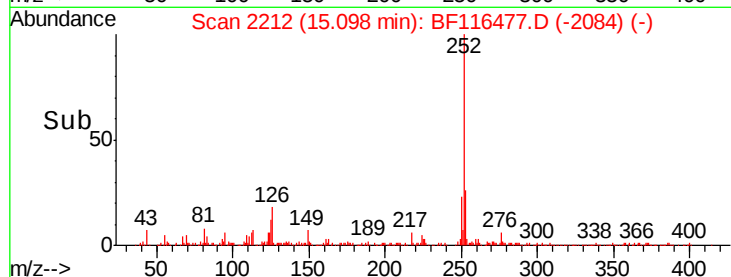
43 0.0 7.8 11.8#



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: 870.689 ng

RT: 17.43 min Scan# 2608

Delta R.T. 0.45 min

Lab File: BF116477.D

Acq: 23 Aug 2019 14:45

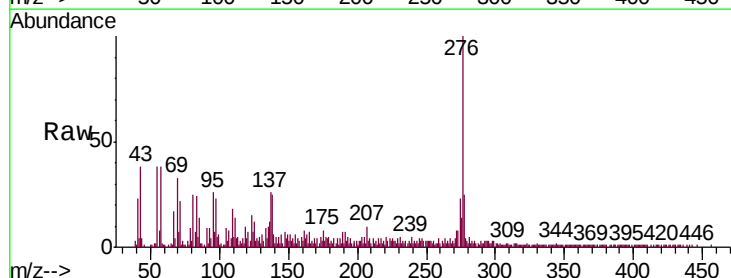
Tgt Ion:276 Resp: 120689

Ion Ratio Lower Upper

276 100

138 22.4 22.9 34.3#

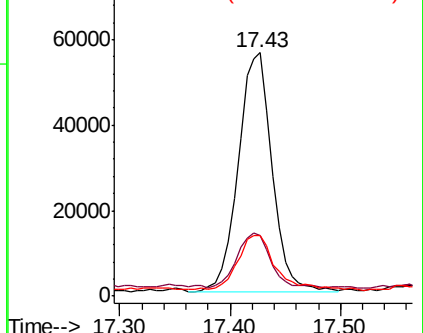
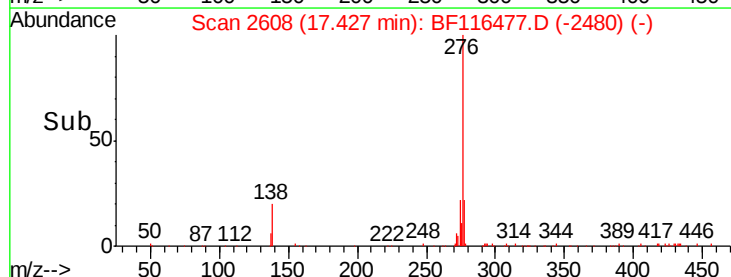
277 25.6 19.9 29.9

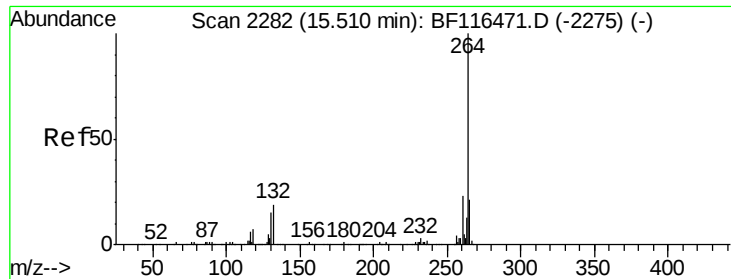


Abundance Ion 276.00 (275.70 to 276.70): E

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: 15.99 min Scan# 2363

Delta R.T. 0.48 min

Lab File: BF116477.D

Acq: 23 Aug 2019 14:45

Instrument :

BNA_F

ClientSampleId :

NB-08-082019RE

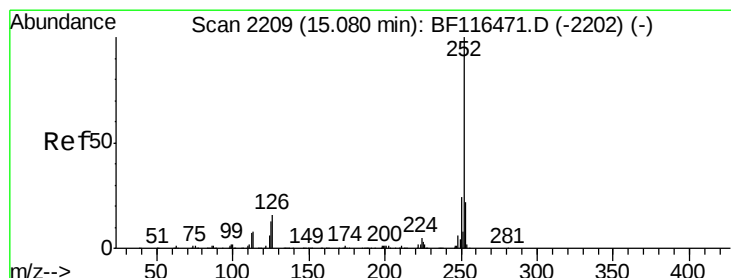
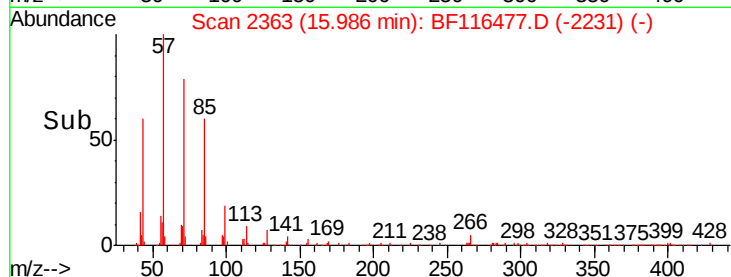
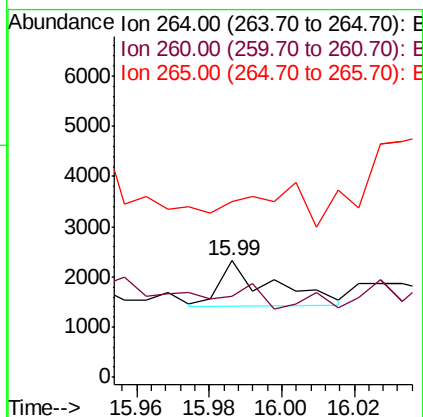
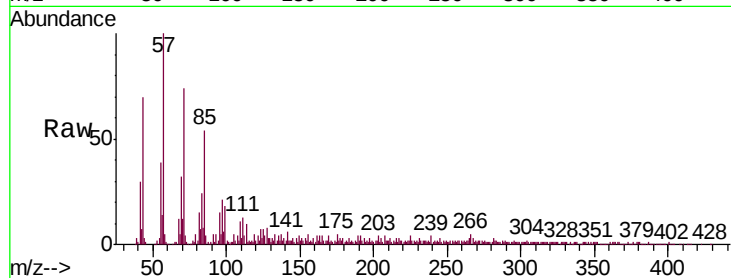
Tot Ion:264 Resp: 908

Ion Ratio Lower Upper

264 100

260 70.0 18.8 28.2#

265 150.7 17.1 25.7#



#88

Benzo(b)fluoranthene

Concen: 3782.820 ng

RT: 15.44 min Scan# 2271

Delta R.T. 0.36 min

Lab File: BF116477.D

Acq: 23 Aug 2019 14:45

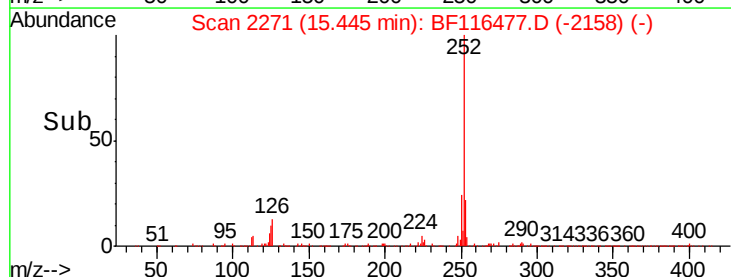
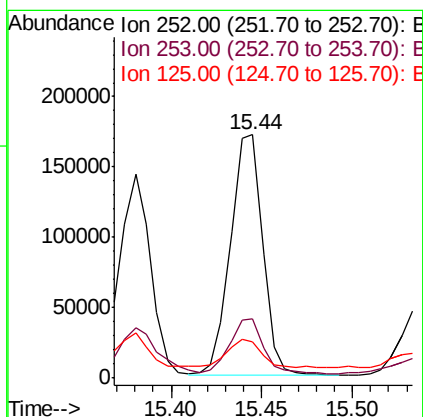
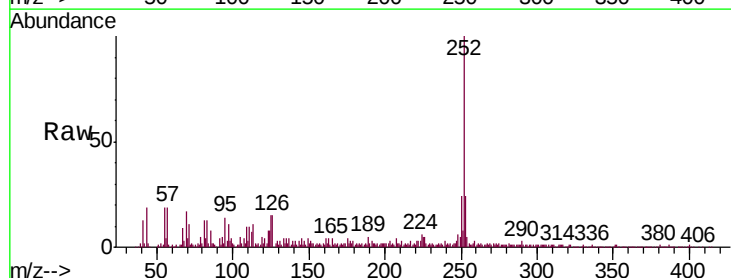
Tgt Ion:252 Resp: 212186

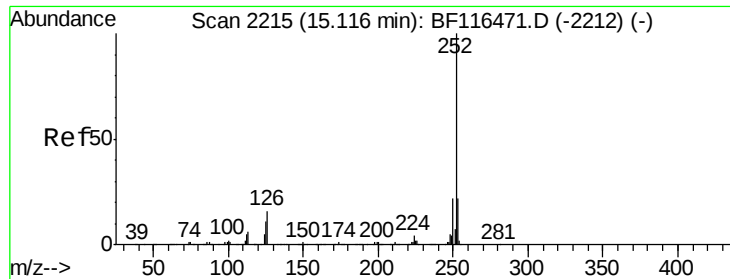
Ion Ratio Lower Upper

252 100

253 24.1 17.5 26.3

125 15.1 10.1 15.1

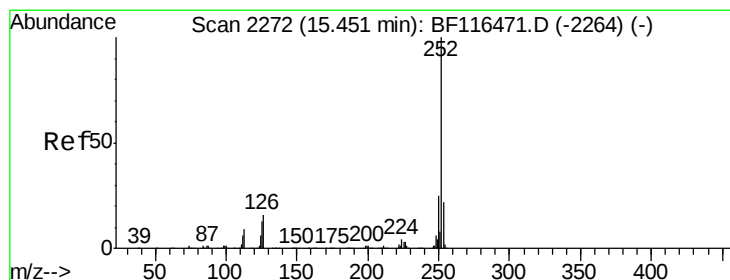
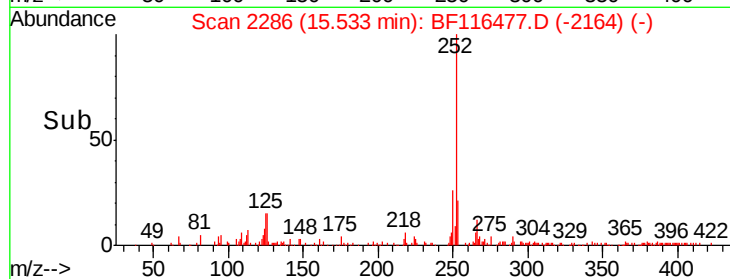
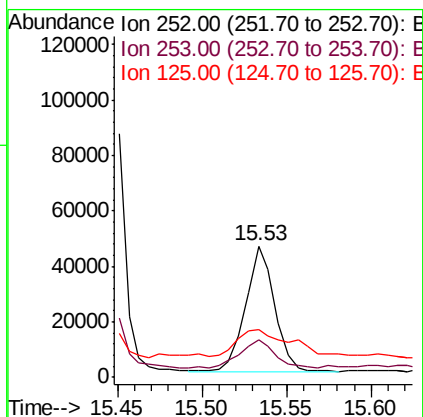
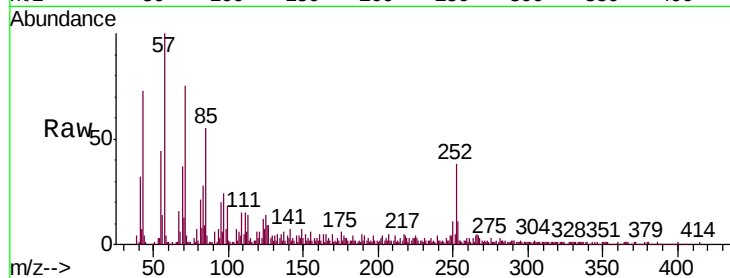




#89
Benzo(k)fluoranthene
Concen: 1059.835 ng
RT: 15.53 min Scan# 2286
Delta R.T. 0.42 min
Lab File: BF116477.D
Acq: 23 Aug 2019 14:45

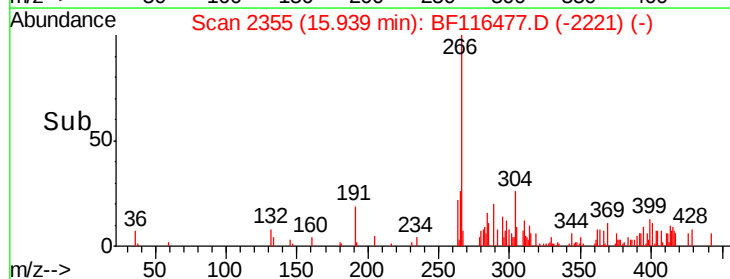
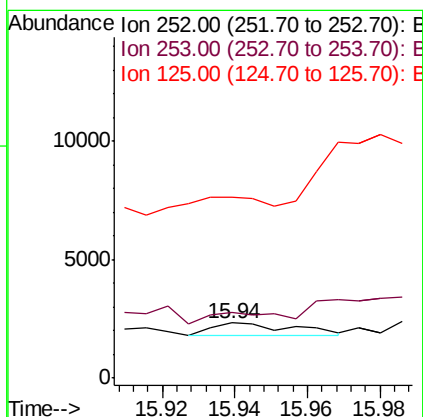
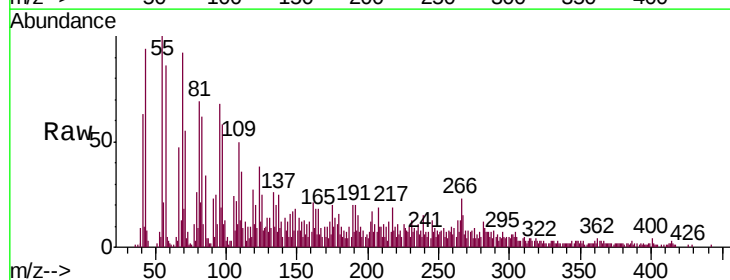
Instrument :
BNA_F
ClientSampleId :
NB-08-082019RE

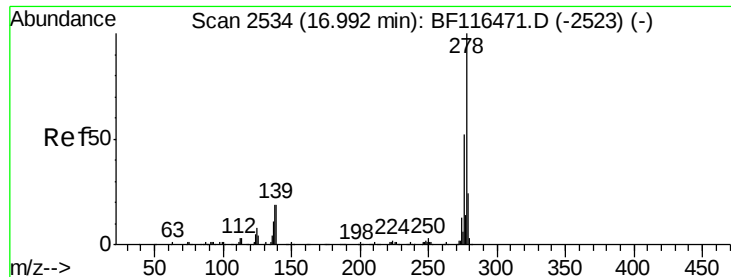
Tot Ion	Ratio	Lower	Upper
252	100		
253	29.1	17.4	26.2#
125	36.4	9.1	13.7#



#90
Benzo(a)pyrene
Concen: 17.630 ng
RT: 15.94 min Scan# 2355
Delta R.T. 0.49 min
Lab File: BF116477.D
Acq: 23 Aug 2019 14:45

Tgt Ion	Ratio	Lower	Upper
252	100		
253	119.4	17.2	25.8#
125	328.2	10.2	15.4#

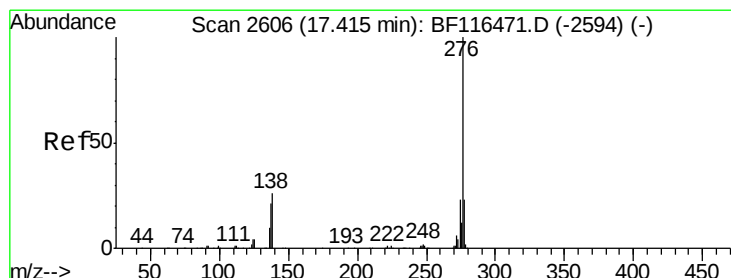
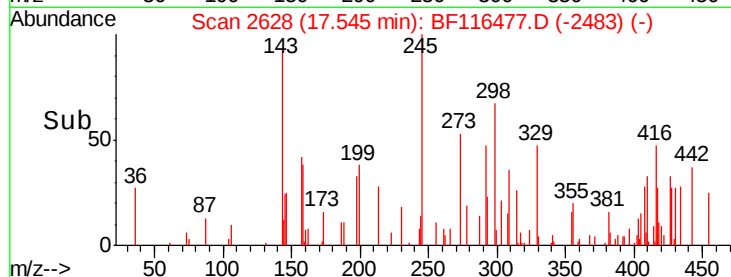
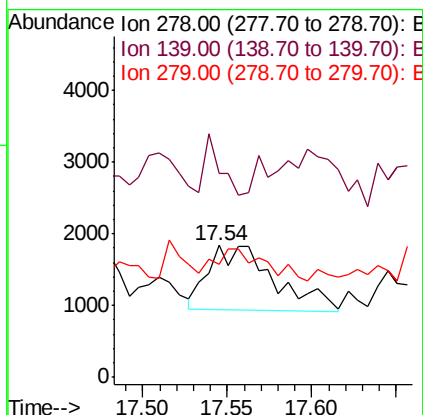
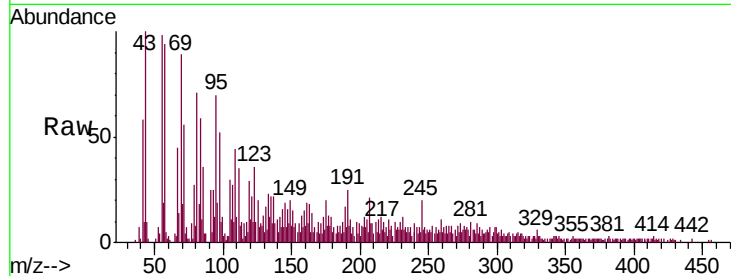




#91
Dibenzo(a,h)anthracene
Concen: 59.505 ng
RT: 17.54 min Scan# 2628
Delta R.T. 0.55 min
Lab File: BF116477.D
Acq: 23 Aug 2019 14:45

Instrument :
BNA_F
ClientSampleId :
NB-08-082019RE

Tot Ion:278 Resp: 2424
Ion Ratio Lower Upper
278 100
139 154.8 15.3 22.9#
279 86.1 19.0 28.6#



#92
Benzo(g,h,i)perylene
Concen: 16.325 ng
RT: 17.93 min Scan# 2693
Delta R.T. 0.51 min
Lab File: BF116477.D
Acq: 23 Aug 2019 14:45

Tgt Ion:276 Resp: 634
Ion Ratio Lower Upper
276 100
277 108.3 18.7 28.1#
138 168.8 20.8 31.2#

