

Data File : BF114803.D
Acq On : 4 Jun 2019 20:47
Operator : HP/JU
Sample : K3139-08
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-1A-D

Quant Time: Jun 05 04:27:12 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 04 16:57:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	212154	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	794832	20.00	ng	0.00
39) Acenaphthene-d10	9.69	164	394626	20.00	ng	-0.01
64) Phenanthrene-d10	11.16	188	822553	20.00	ng	0.00
76) Chrysene-d12	13.78	240	707819	20.00	ng	-0.01
87) Perylene-d12	15.16	264	760861	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	1418954	116.87	ng	0.00
7) Phenol-d6	6.30	99	1541041	104.31	ng	0.00
23) Nitrobenzene-d5	7.22	82	1160865	89.91	ng	-0.01
42) 2,4,6-Tribromophenol	10.47	330	586646	137.95	ng	-0.01
45) 2-Fluorobiphenyl	9.02	172	2285952	108.51	ng	0.00
79) Terphenyl-d14	12.74	244	2852683	78.38	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.30	88	385	0.066	ng	# 1
4) n-Nitrosodimethylamine	2.92	42	118	0.020	ng	# 1
6) Aniline	6.43	93	2346	0.112	ng	# 1
8) 2-Chlorophenol	6.45	128	563	0.040	ng	# 1
9) Benzaldehyde	6.29	77	2550	0.249	ng	# 1
10) Phenol	6.30	94	518	0.031	ng	# 1
11) bis(2-Chloroethyl)ether	6.43	93	2346	0.178	ng	# 1
15) Benzyl Alcohol	6.82	79	21108	1.889	ng	# 41
16) 2,2'-oxybis(1-Chloropropan	6.94	45	660	0.035	ng	# 65
19) n-Nitroso-di-n-propylamine	7.22	70	154791	15.828	ng	# 78
22) Acetophenone	7.07	105	3047	0.174	ng	# 75
24) Nitrobenzene	7.22	77	3741	0.280	ng	# 30
25) Isophorone	7.22	82	1138585	44.605	ng	# 61
27) 2,4-Dimethylphenol	7.66	122	1879	0.171	ng	# 5
28) bis(2-Chloroethoxy)methane	7.95	93	270	0.017	ng	# 1
31) Naphthalene	7.96	128	985	0.028	ng	# 66
32) Benzoic acid	7.72	122	234	0.029	ng	# 79
35) Caprolactam	8.65	113	107	0.028	ng	# 50
37) 2-Methylnaphthalene	8.66	142	314	0.013	ng	# 80
38) 1-Methylnaphthalene	8.75	142	456	0.019	ng	# 90
46) 1,1'-Biphenyl	9.12	154	5118	0.175	ng	# 96
48) 2-Nitroaniline	9.02	65	3654	0.493	ng	# 1
49) Acenaphthylene	9.55	152	1280	0.036	ng	# 57
50) Dimethylphthalate	9.69	163	108890	3.778	ng	# 1
51) 2,6-Dinitrotoluene	9.69	165	51240	7.559	ng	# 32
52) Acenaphthene	9.72	154	505	0.021	ng	# 83
53) 3-Nitroaniline	9.80	138	146	0.018	ng	# 7
55) Dibenzofuran	9.89	168	574	0.017	ng	# 41
57) 2,4-Dinitrotoluene	9.69	165	51240	6.013	ng	# 32
58) Fluorene	10.47	166	27048	Below Cal		# 86
60) Diethylphthalate	10.12	149	765	0.026	ng	# 57
63) Azobenzene	10.39	77	604	0.025	ng	# 18
65) 4,6-Dinitro-2-methylphenol	10.47	198	1326	0.310	ng	# 1
66) n-Nitrosodiphenylamine	10.47	169	17553	0.706	ng	# 45

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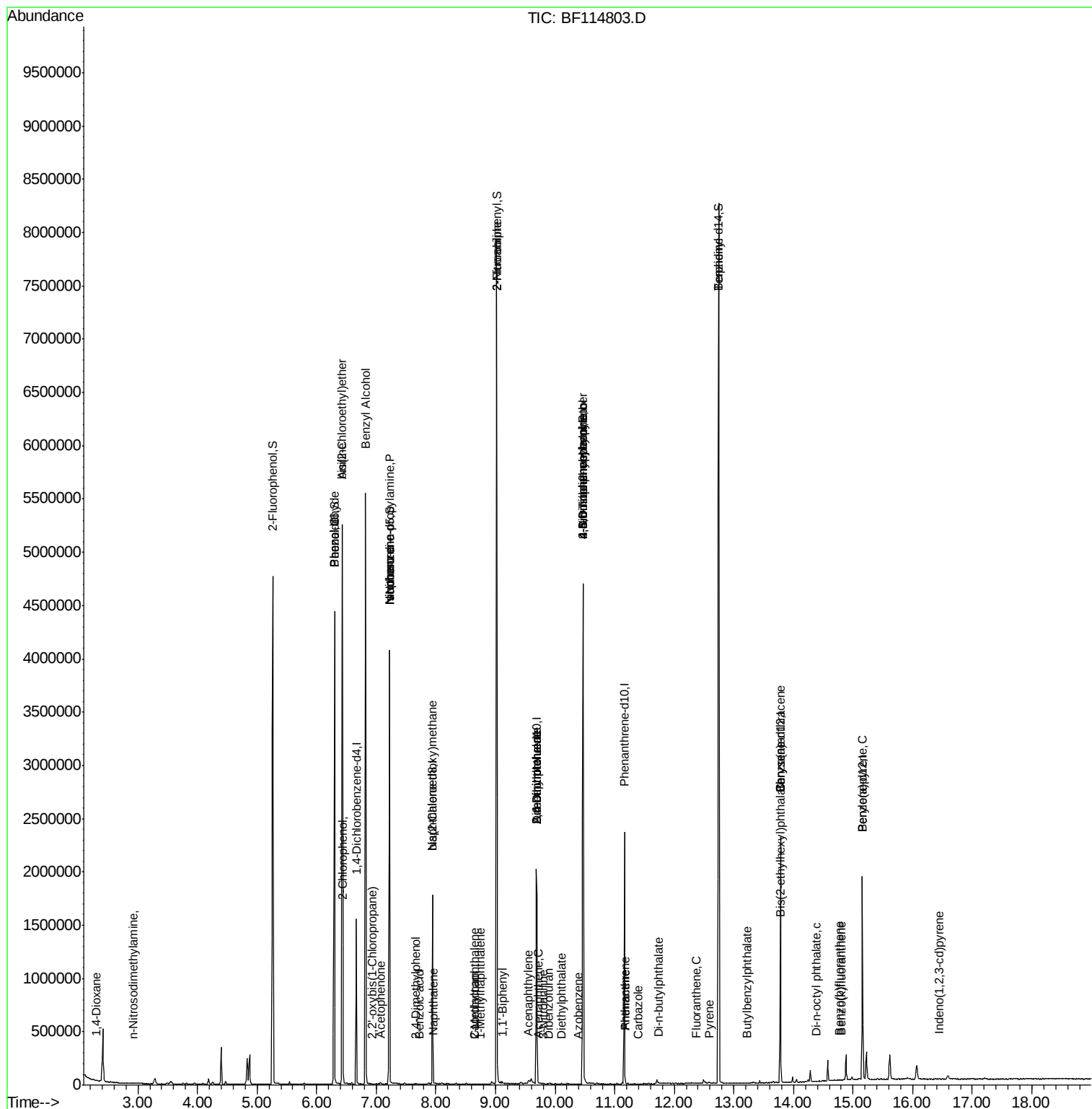
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)	
67) 4-Bromophenyl-phenylether	10.47	248	38001	4.068	ng	#	1
71) Phenanthrene	11.18	178	2207	0.056	ng		96
72) Anthracene	11.18	178	2207	0.053	ng		96
73) Carbazole	11.39	167	674	0.019	ng	#	56
74) Di-n-butylphthalate	11.73	149	5127	0.110	ng	#	95
75) Fluoranthene	12.36	202	952	0.023	ng		64
77) Benzidine	12.74	184	37905	1.082	ng	#	94
78) Pyrene	12.59	202	865	0.014	ng	#	54
80) Butylbenzylphthalate	13.23	149	109	0.004	ng	#	54
81) Benzo(a)anthracene	13.78	228	2742	0.050	ng	#	57
83) Chrysene	13.78	228	2742	0.052	ng	#	54
84) Bis(2-ethylhexyl)phthalate	13.79	149	1649	0.042	ng	#	93
85) Di-n-octyl phthalate	14.39	149	773	0.012	ng	#	73
86) Indeno(1,2,3-cd)pyrene	16.45	276	109	0.002	ng	#	48
88) Benzo(b)fluoranthene	14.77	252	140	0.003	ng	#	58
89) Benzo(k)fluoranthene	14.80	252	136	0.003	ng	#	57
90) Benzo(a)pyrene	15.16	252	2470	0.059	ng	#	88

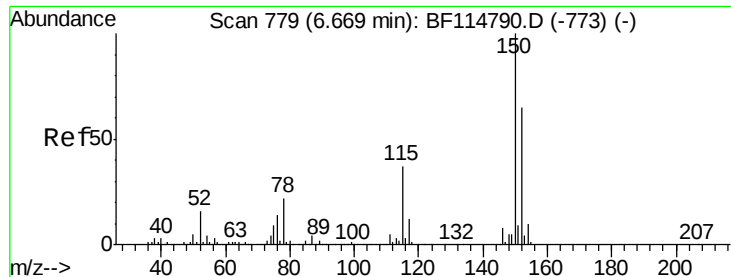
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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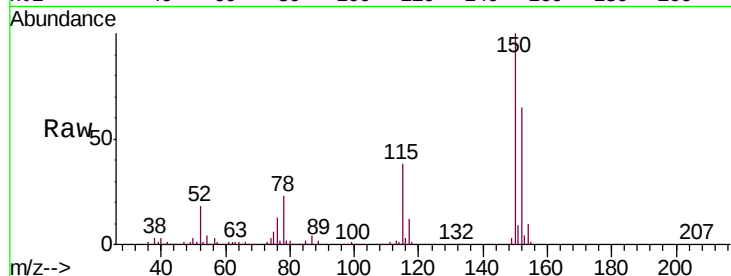


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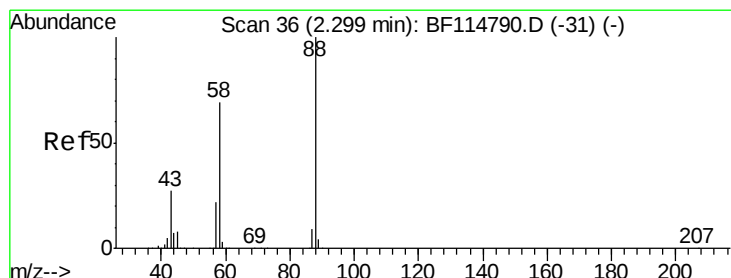
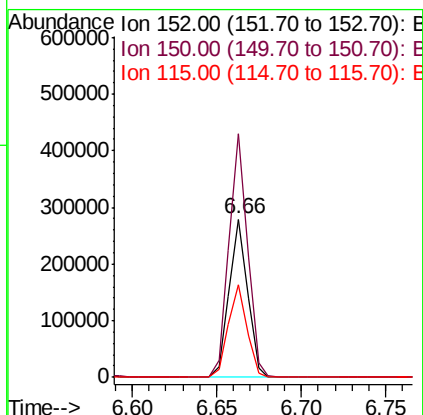
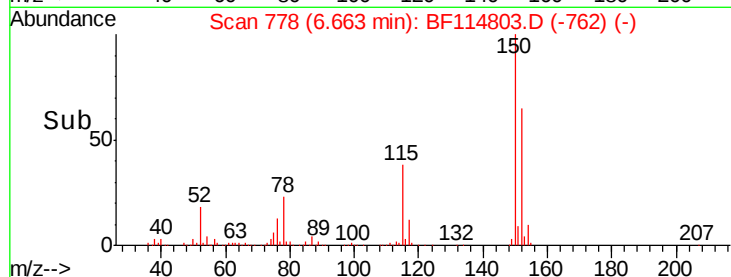
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.66 min Scan# 778
Delta R.T. -0.01 min
Lab File: BF114803.D
Acq: 4 Jun 2019 20:47

Instrument :
BNA_F
ClientSampleId :
TP-1A-D

Tgt Ion:152 Resp: 212154
Ion Ratio Lower Upper
152 100
150 154.0 124.0 186.0
115 58.8 46.3 69.5



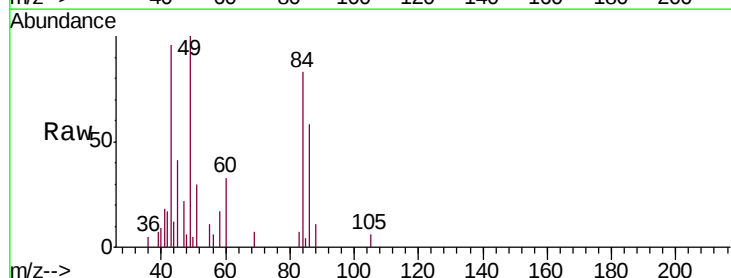
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



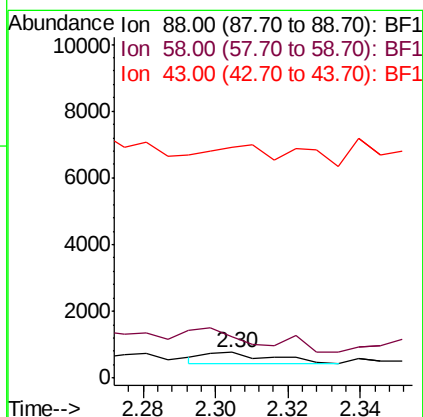
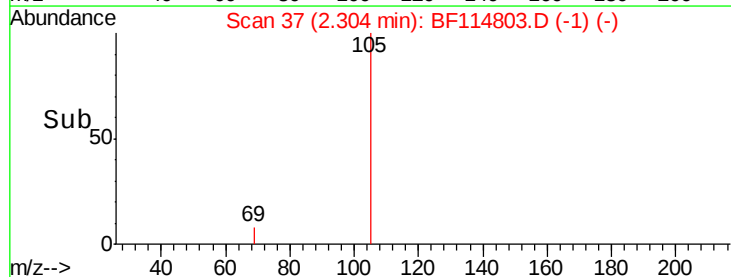
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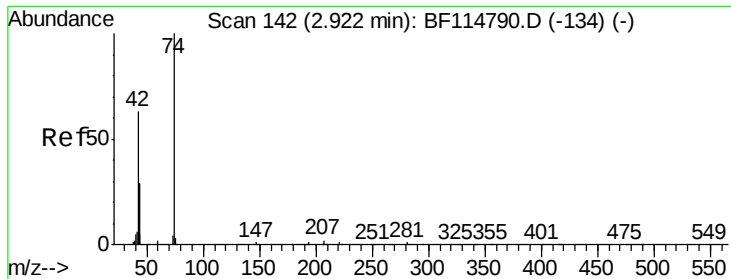
1,4-Dioxane
Concen: 0.066 ng
RT: 2.30 min Scan# 37
Delta R.T. 0.01 min
Lab File: BF114803.D
Acq: 4 Jun 2019 20:47

Tgt Ion: 88 Resp: 385
Ion Ratio Lower Upper
88 100
58 260.8 53.8 80.8#
43 0.0 20.7 31.1#



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



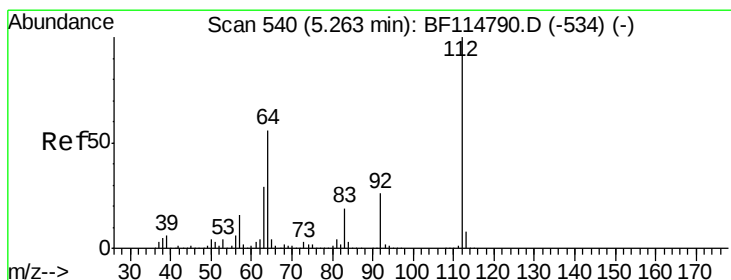
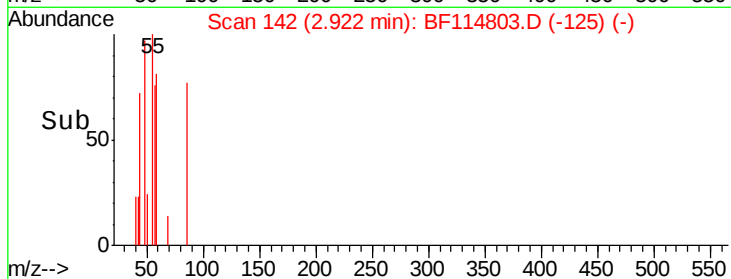
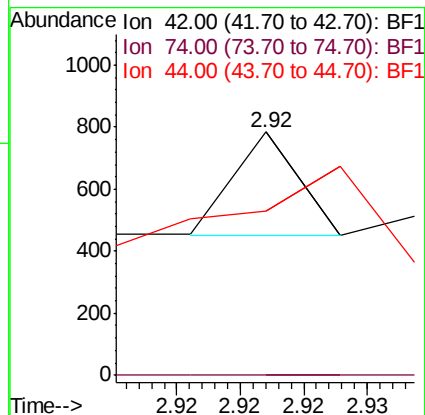
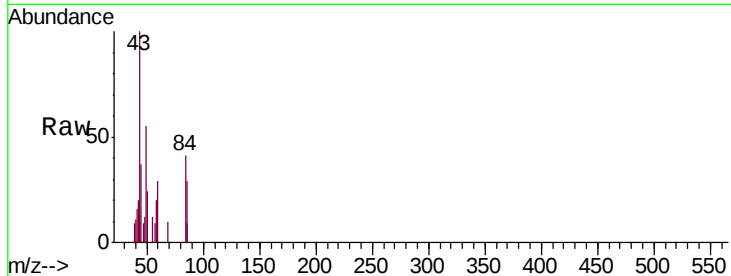


#4

n-Nitrosodimethylamine
 Concen: 0.020 ng
 RT: 2.92 min Scan# 142
 Delta R.T. -0.00 min
 Lab File: BF114803.D
 Acq: 4 Jun 2019 20:47

Instrument :
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 TP-1A-D

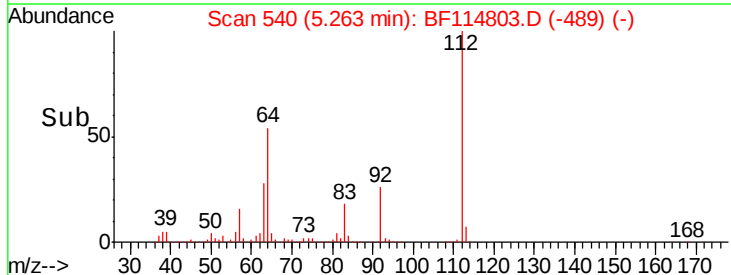
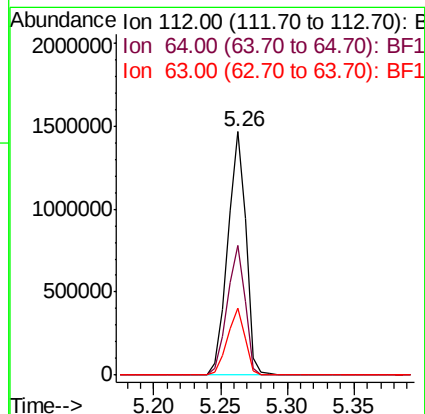
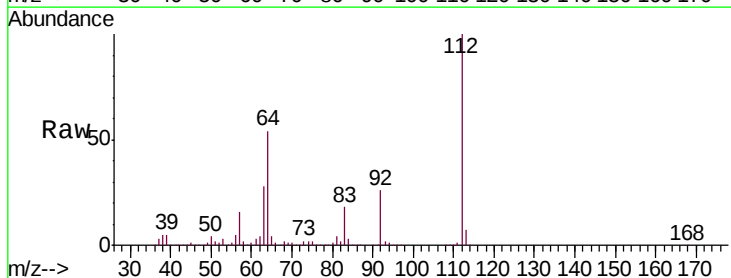
Tgt Ion: 42 Resp: 118
 Ion Ratio Lower Upper
 42 100
 74 0.0 126.2 189.2#
 44 67.5 5.9 8.9#

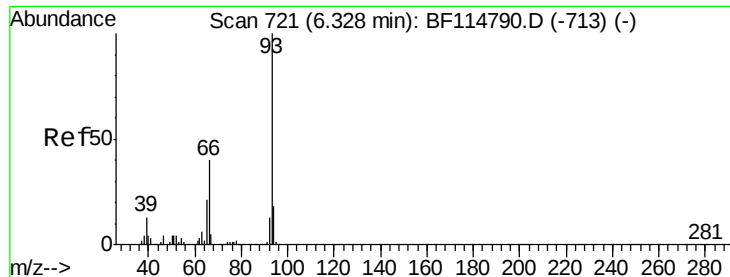


#5

2-Fluorophenol
 Concen: 116.869 ng
 RT: 5.26 min Scan# 540
 Delta R.T. -0.00 min
 Lab File: BF114803.D
 Acq: 4 Jun 2019 20:47

Tgt Ion: 112 Resp: 1418954
 Ion Ratio Lower Upper
 112 100
 64 53.5 44.6 66.8
 63 27.7 23.0 34.4





#6

Aniline

Concen: 0.112 ng

RT: 6.43 min Scan# 739

Delta R.T. 0.11 min

Lab File: BF114803.D

Acq: 4 Jun 2019 20:47

Instrument :

BNA_F

ClientSampleId :

TP-1A-D

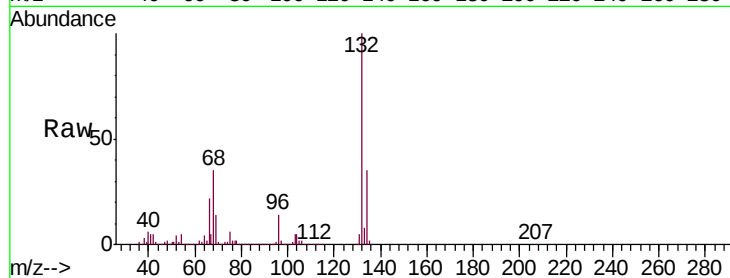
Tgt Ion: 93 Resp: 2346

Ion Ratio Lower Upper

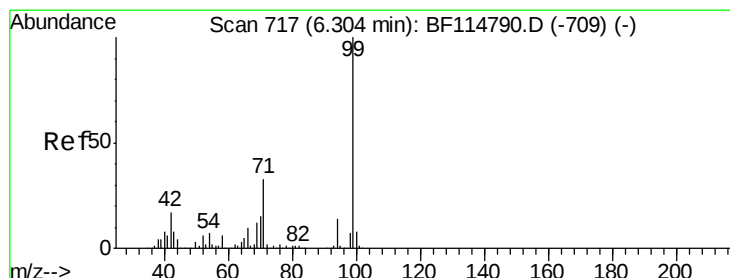
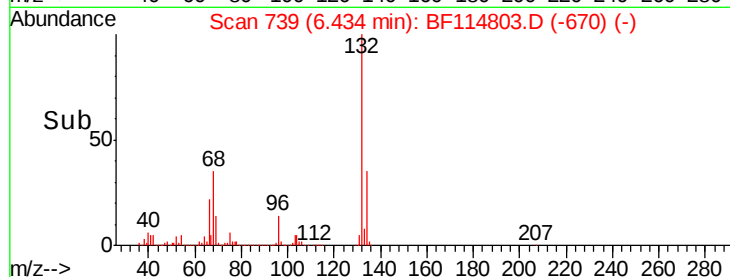
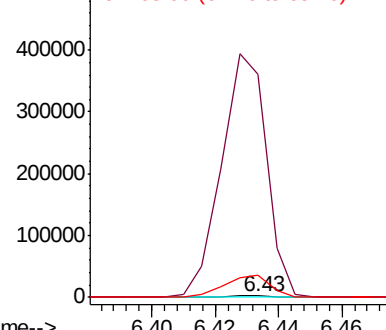
93 100

66 16021.3 32.8 49.2#

65 1585.8 16.9 25.3#



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: 104.309 ng

RT: 6.30 min Scan# 716

Delta R.T. -0.01 min

Lab File: BF114803.D

Acq: 4 Jun 2019 20:47

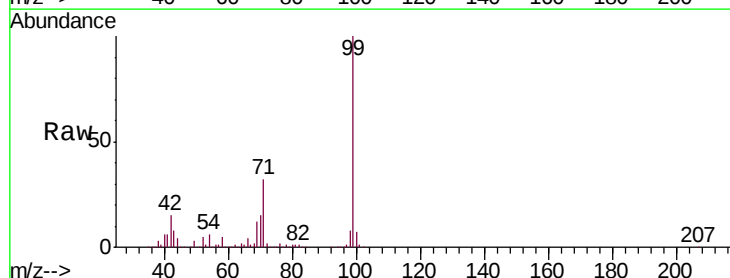
Tgt Ion: 99 Resp: 1541041

Ion Ratio Lower Upper

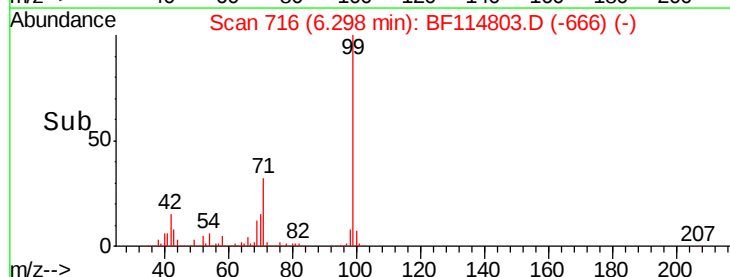
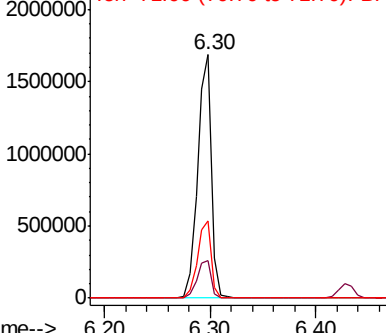
99 100

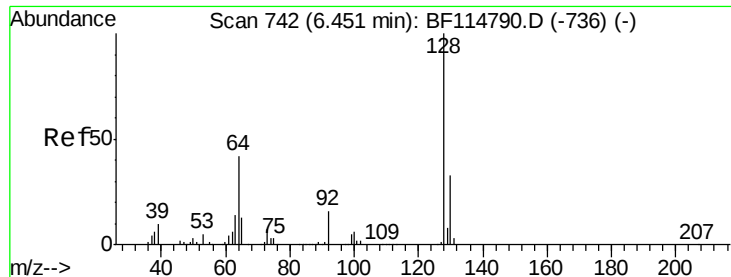
42 15.2 13.3 19.9

71 31.8 26.3 39.5



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





#8

2-Chlorophenol

Concen: 0.040 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF114803.D

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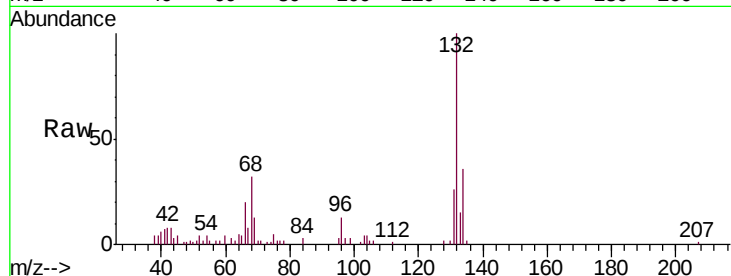
Tgt Ion:128 Resp: 563

Ion Ratio Lower Upper

128 100

130 90.8 12.7 52.7#

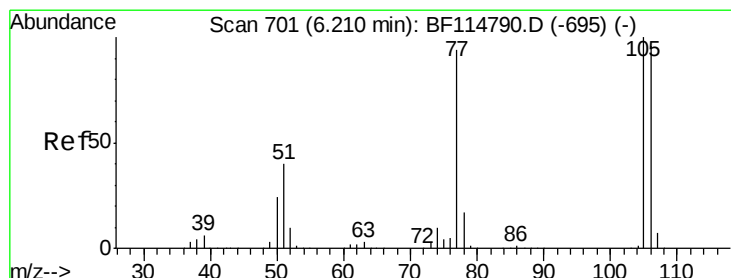
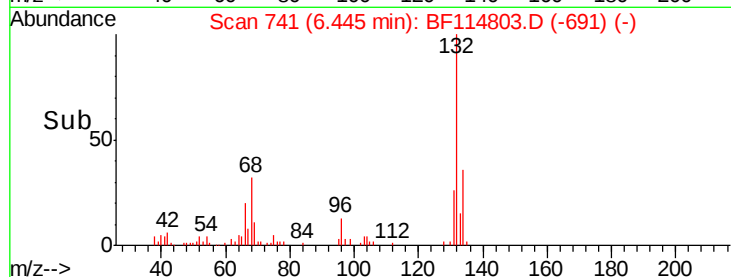
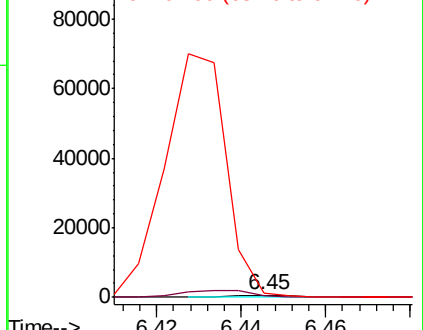
64 200.4 22.5 62.5#



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: 0.249 ng

RT: 6.29 min Scan# 715

Delta R.T. 0.08 min

Lab File: BF114803.D

Acq: 4 Jun 2019 20:47

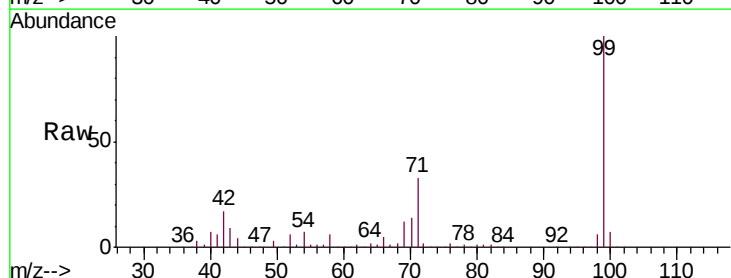
Tgt Ion: 77 Resp: 2550

Ion Ratio Lower Upper

77 100

105 0.0 85.8 125.8#

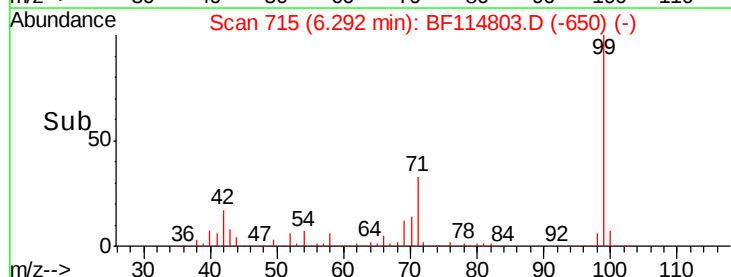
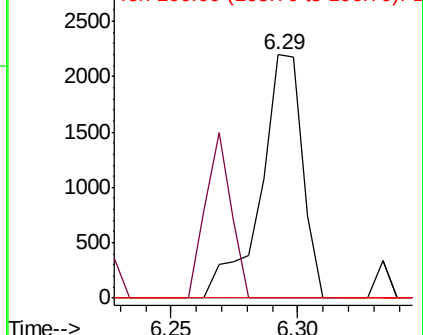
106 0.0 81.6 121.6#

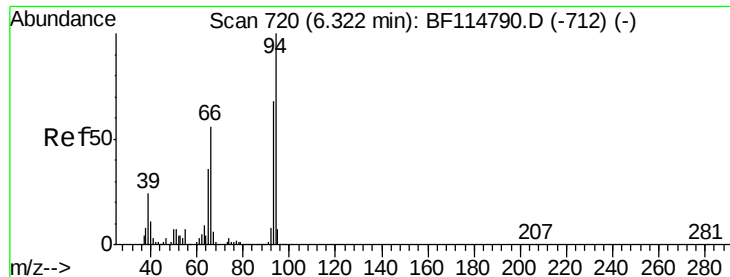


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 0.031 ng

RT: 6.30 min Scan# 716

Delta R.T. -0.02 min

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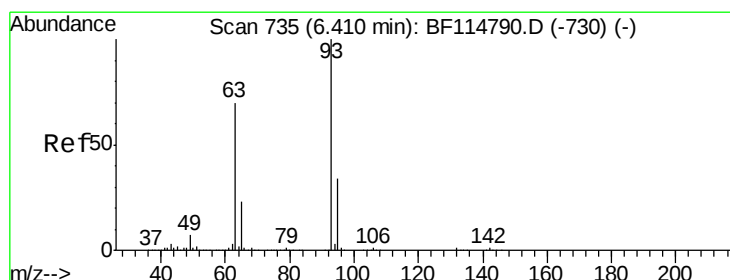
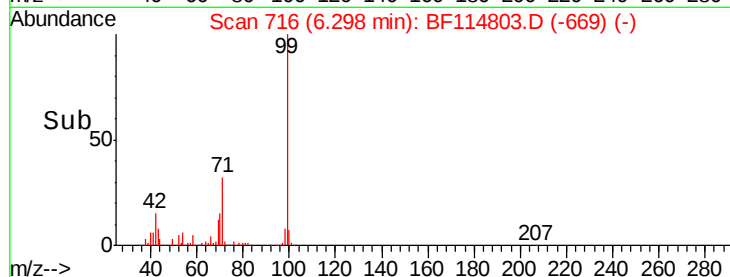
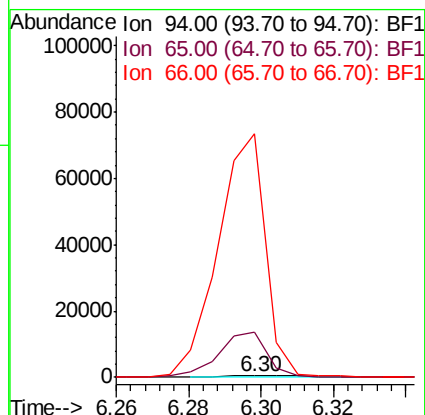
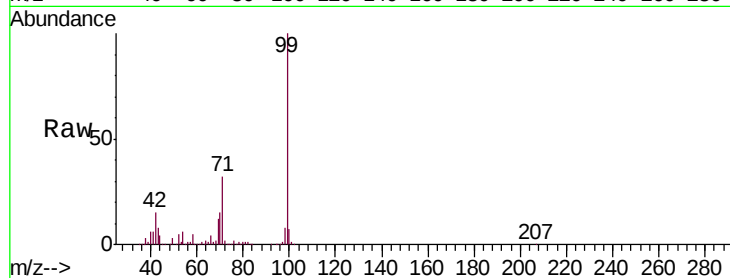
Tgt Ion: 94 Resp: 518

Ion Ratio Lower Upper

94 100

65 3245.7 16.1 56.1#

66 17400.9 36.3 76.3#



#11

bis(2-Chloroethyl)ether

Concen: 0.178 ng

RT: 6.43 min Scan# 739

Delta R.T. 0.02 min

Lab File: BF114803.D

Acq: 4 Jun 2019 20:47

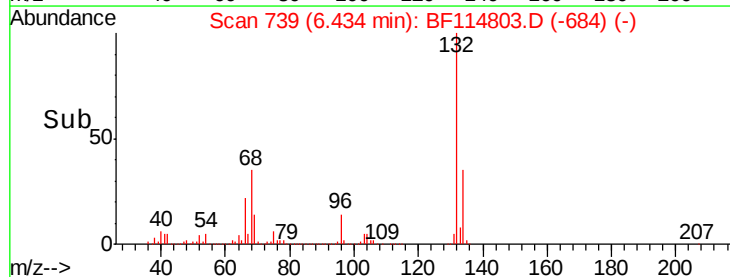
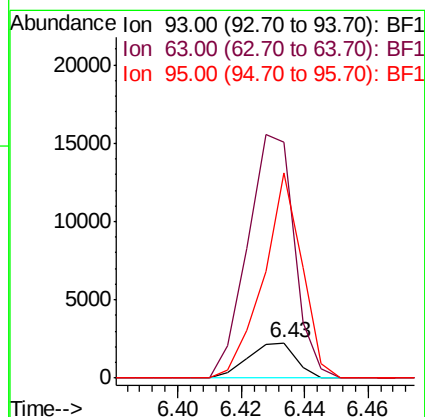
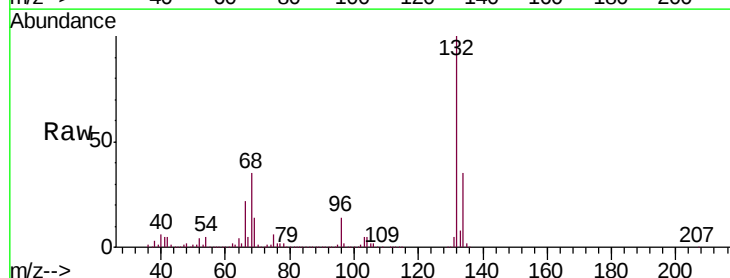
Tgt Ion: 93 Resp: 2346

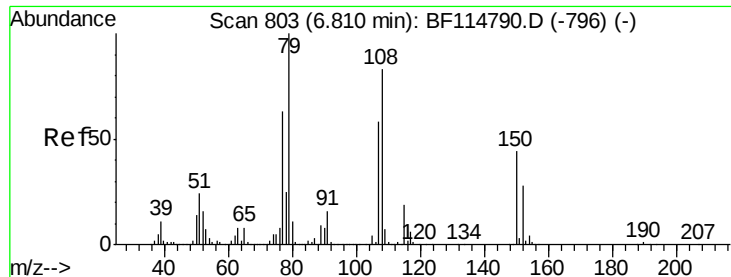
Ion Ratio Lower Upper

93 100

63 670.7 49.6 89.6#

95 584.6 13.6 53.6#

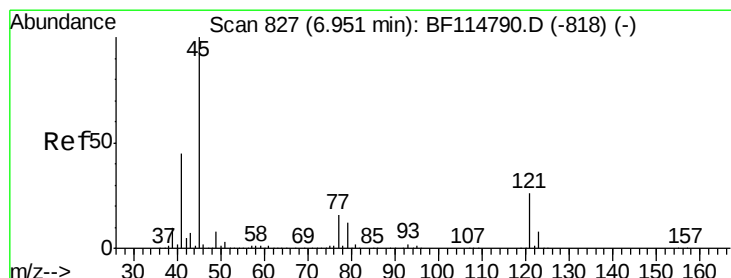
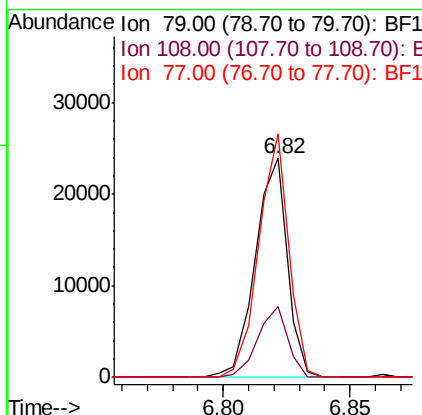
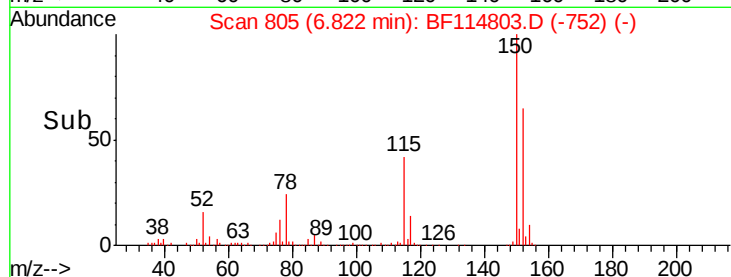
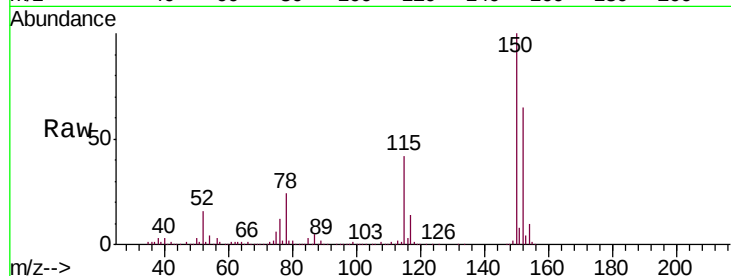




#15
Benzyl Alcohol
Concen: 1.889 ng
RT: 6.82 min Scan# 805
Delta R.T. 0.01 min
Lab File: BF114803.D
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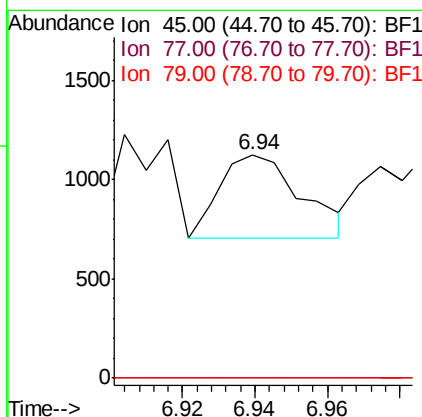
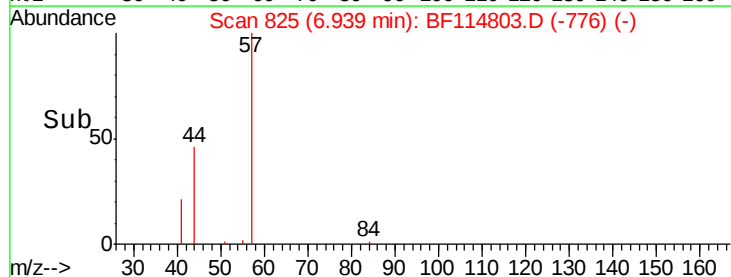
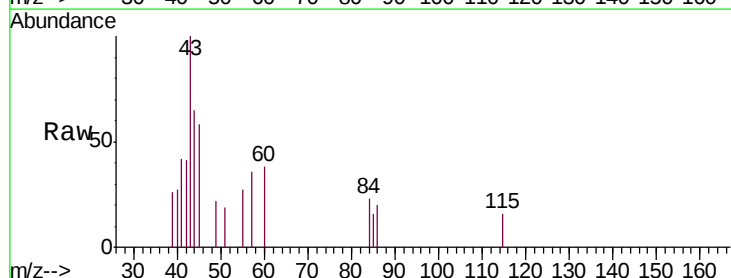
Instrument :
BNA_F
ClientSampleId :
TP-1A-D

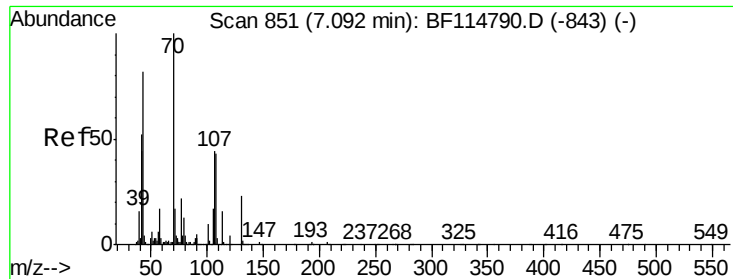
Tgt Ion: 79 Resp: 21108
Ion Ratio Lower Upper
79 100
108 32.3 66.8 100.2#
77 111.1 50.6 76.0#



#16
2,2'-oxybis(1-Chloropropane)
Concen: 0.035 ng
RT: 6.94 min Scan# 825
Delta R.T. -0.01 min
Lab File: BF114803.D
Acq: 4 Jun 2019 20:47

Tgt Ion: 45 Resp: 660
Ion Ratio Lower Upper
45 100
77 0.0 0.0 35.8
79 0.0 0.0 32.0

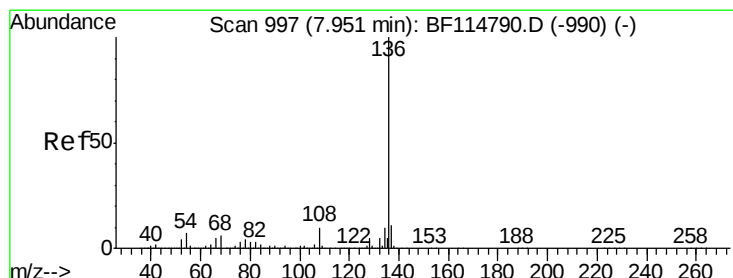
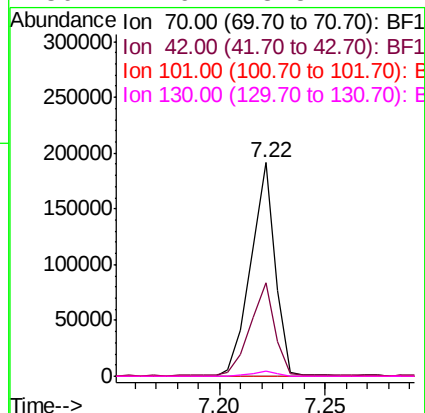
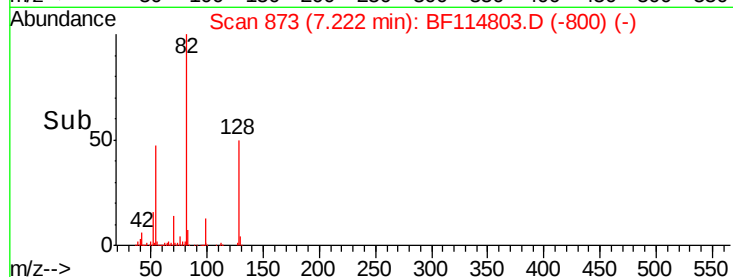
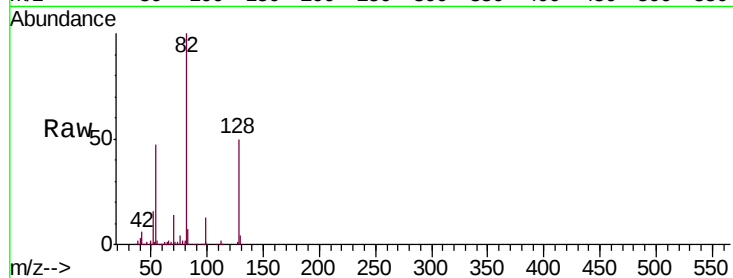




#19
n-Nitroso-di-n-propylamine
Concen: 15.828 ng
RT: 7.22 min Scan# 873
Delta R.T. 0.13 min
Lab File: BF114803.D
Acq: 4 Jun 2019 20:47

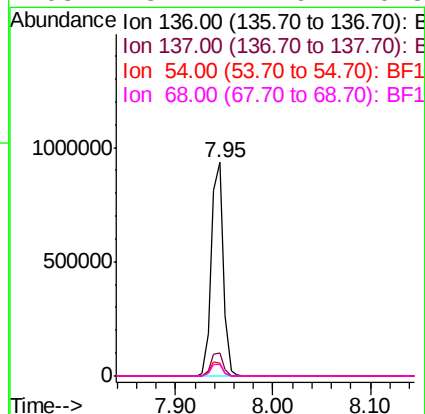
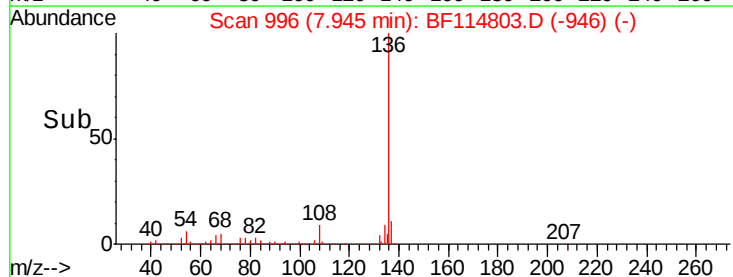
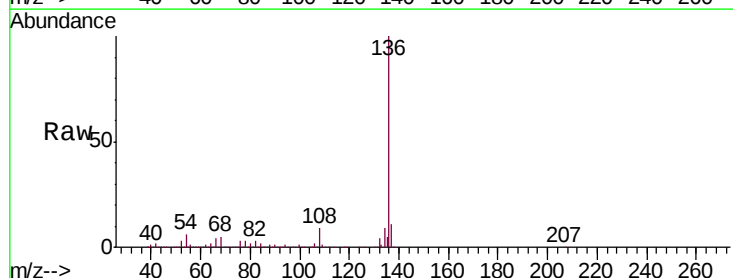
Instrument :
BNA_F
ClientSampleId :
TP-1A-D

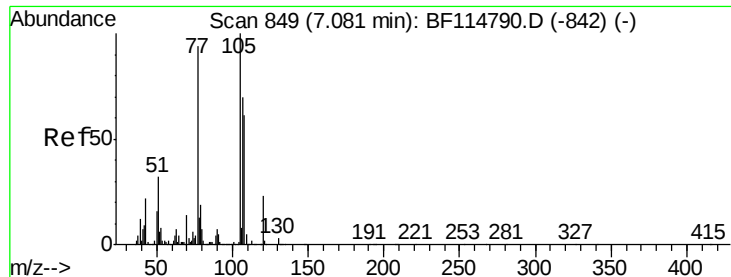
Tgt Ion: 70 Resp: 154791
Ion Ratio Lower Upper
70 100
42 43.9 41.8 62.8
101 0.0 8.2 12.4#
130 2.6 18.5 27.7#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.95 min Scan# 996
Delta R.T. -0.01 min
Lab File: BF114803.D
Acq: 4 Jun 2019 20:47

Tgt Ion: 136 Resp: 794832
Ion Ratio Lower Upper
136 100
137 10.8 9.1 13.7
54 6.0 5.4 8.0
68 5.4 4.6 6.8





#22

Acetophenone

Concen: 0.174 ng

RT: 7.07 min Scan# 847

Delta R.T. -0.01 min

Lab File: BF114803.D

Acq: 4 Jun 2019 20:47

Instrument :

BNA_F

ClientSampleId :

TP-1A-D

Tgt Ion: 105 Resp: 3047

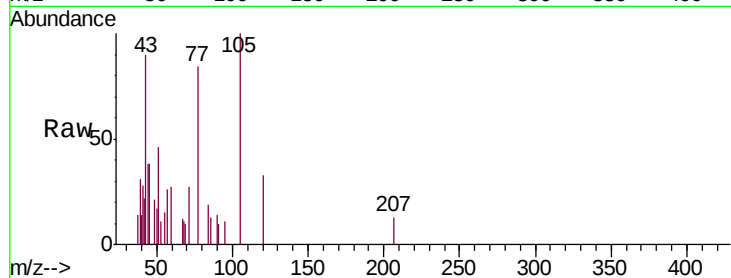
Ion Ratio Lower Upper

105 100

71 26.6 2.0 3.0#

51 45.7 25.4 38.0#

120 32.9 18.7 28.1#

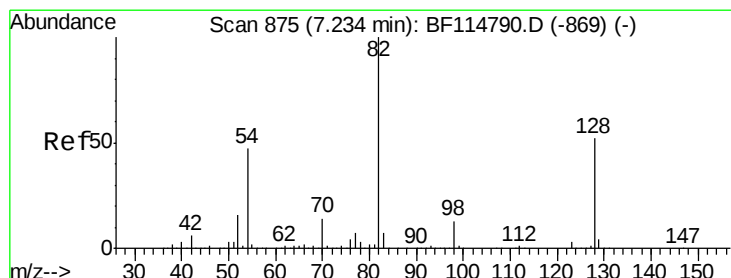
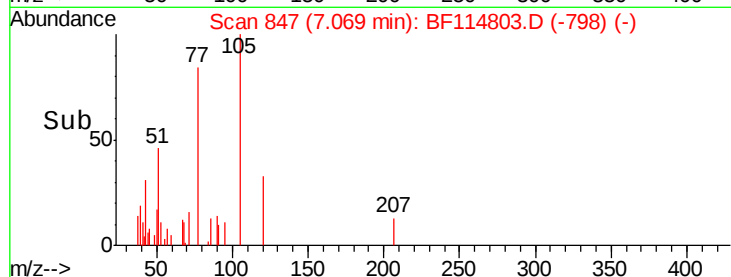
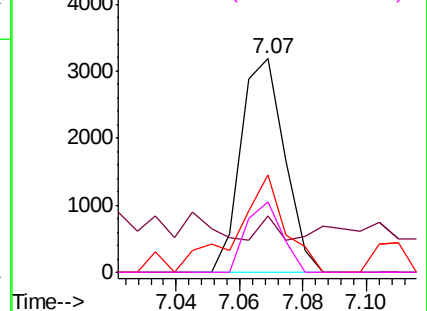


Abundance Ion 105.00 (104.70 to 105.70): E

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: 89.907 ng

RT: 7.22 min Scan# 873

Delta R.T. -0.01 min

Lab File: BF114803.D

Acq: 4 Jun 2019 20:47

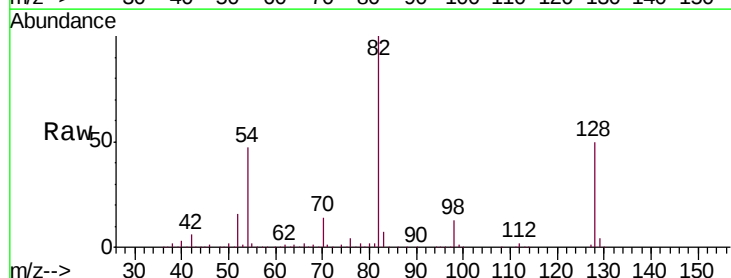
Tgt Ion: 82 Resp: 1160865

Ion Ratio Lower Upper

82 100

128 50.2 41.8 62.6

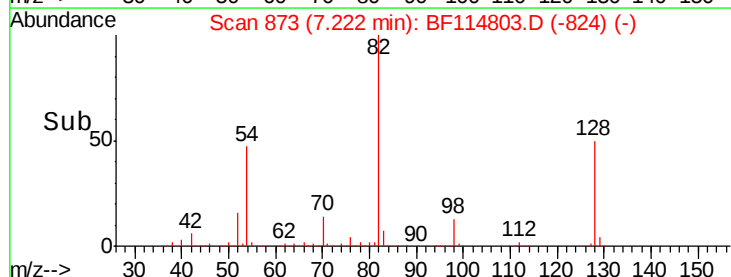
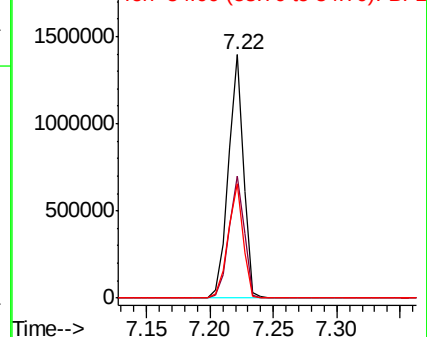
54 47.2 37.9 56.9

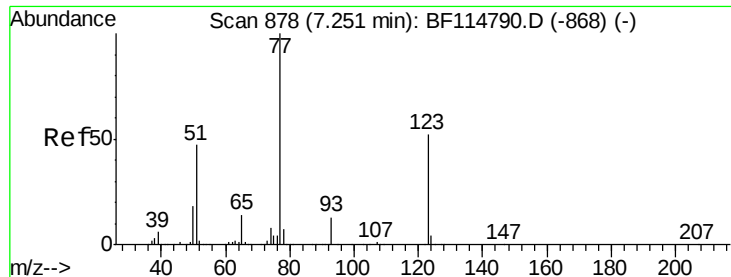


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#24

Nitrobenzene

Concen: 0.280 ng

RT: 7.22 min Scan# 873

Delta R.T. -0.03 min

Lab File: BF114803.D

Acq: 4 Jun 2019 20:47

Instrument :

BNA_F

ClientSampleID :

TP-1A-D

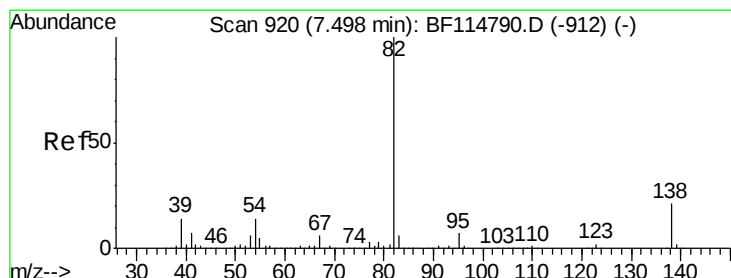
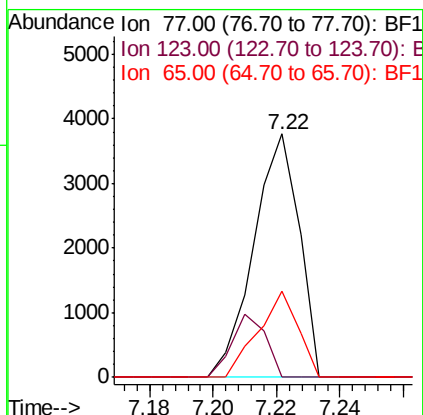
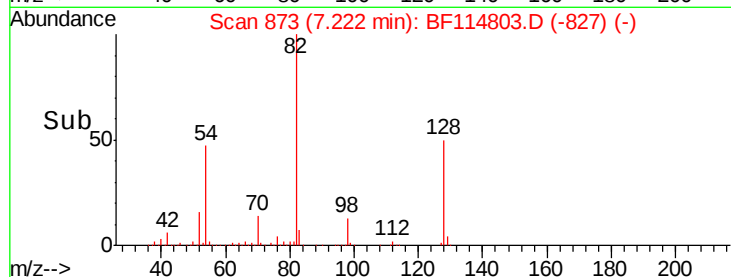
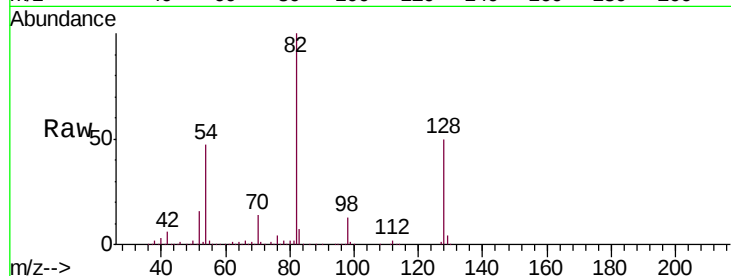
Tgt Ion: 77 Resp: 3741

Ion Ratio Lower Upper

77 100

123 0.0 41.5 62.3#

65 35.3 10.8 16.2#



#25

Isophorone

Concen: 44.605 ng

RT: 7.22 min Scan# 873

Delta R.T. -0.28 min

Lab File: BF114803.D

Acq: 4 Jun 2019 20:47

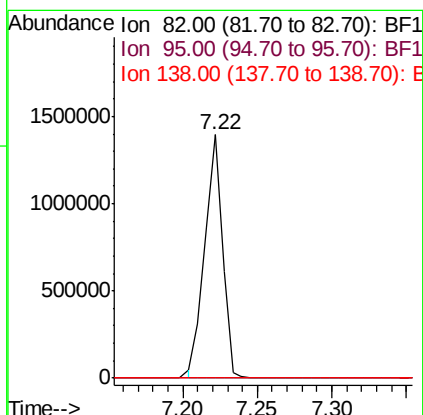
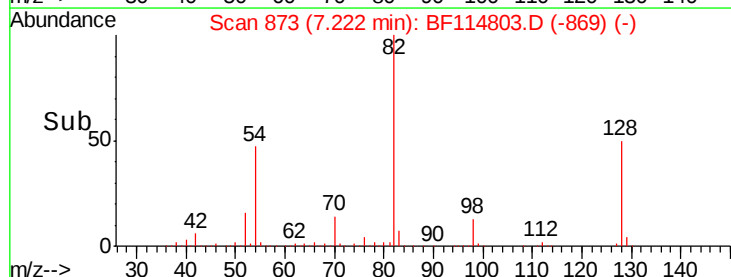
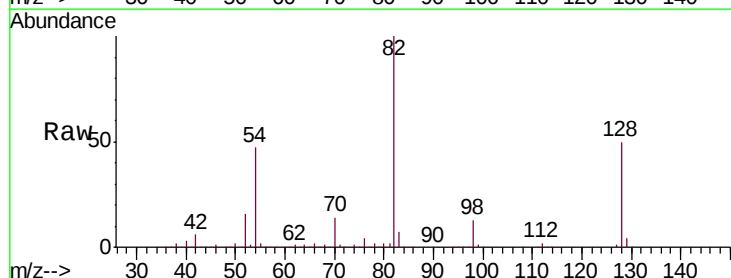
Tgt Ion: 82 Resp: 1138585

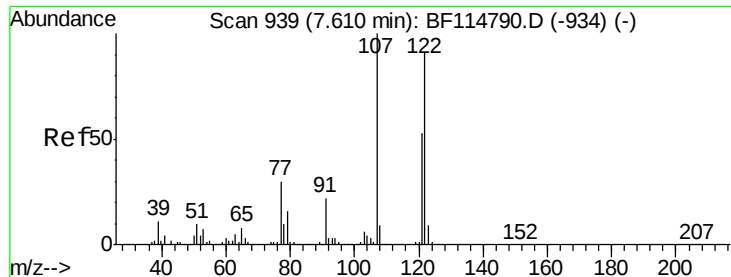
Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.8#

138 0.0 16.9 25.3#





#27

2,4-Dimethylphenol

Concen: 0.171 ng

RT: 7.66 min Scan# 948

Delta R.T. 0.05 min

Lab File: BF114803.D

Acq: 4 Jun 2019 20:47

Instrument :

BNA_F

ClientSampled :

TP-1A-D

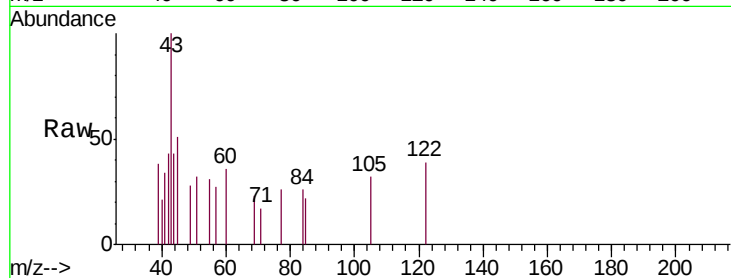
Tgt Ion:122 Resp: 1879

Ion Ratio Lower Upper

122 100

107 0.0 87.9 131.9#

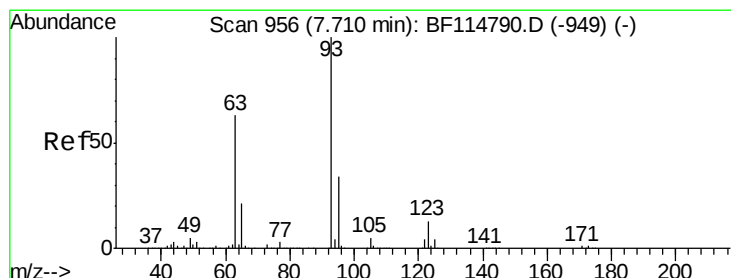
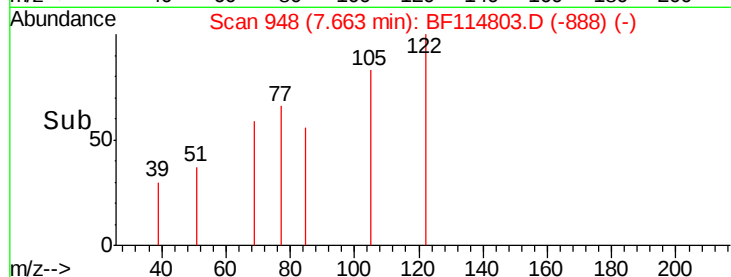
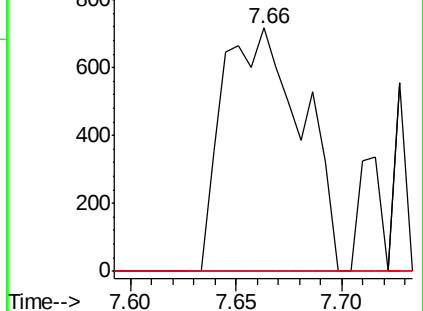
121 0.0 46.4 69.6#



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: 0.017 ng

RT: 7.95 min Scan# 996

Delta R.T. 0.24 min

Lab File: BF114803.D

Acq: 4 Jun 2019 20:47

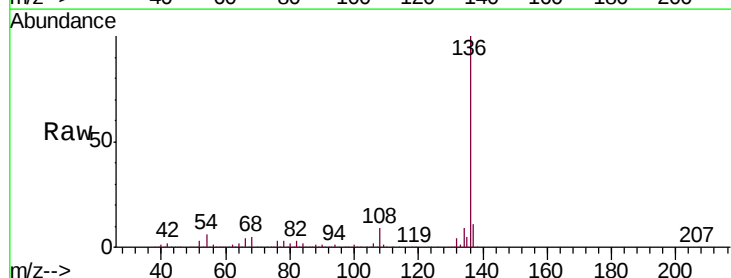
Tgt Ion: 93 Resp: 270

Ion Ratio Lower Upper

93 100

95 162.1 26.9 40.3#

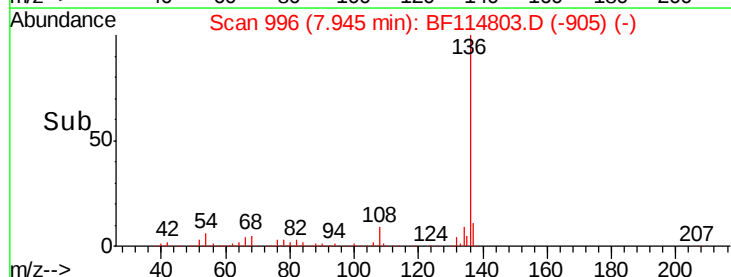
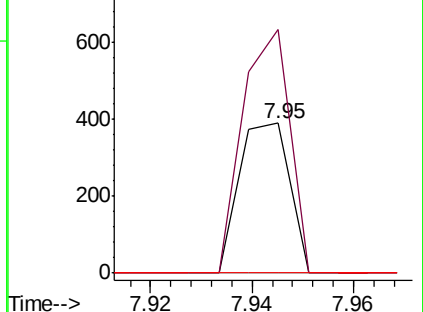
123 0.0 10.4 15.6#

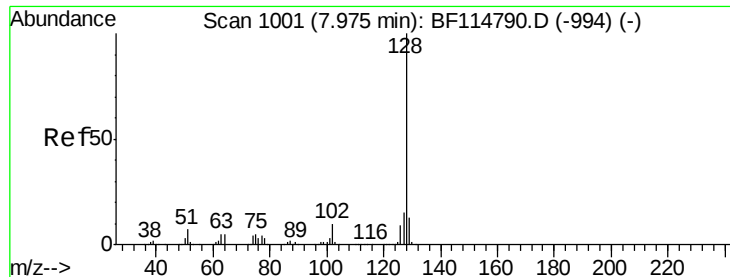


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

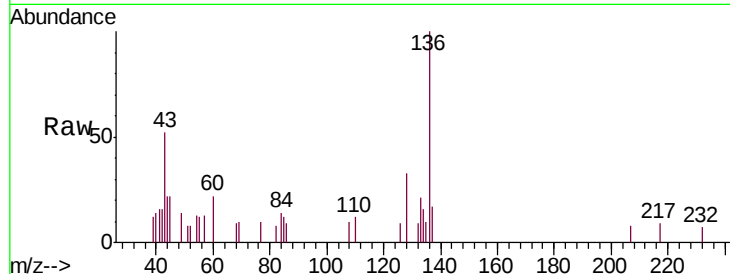




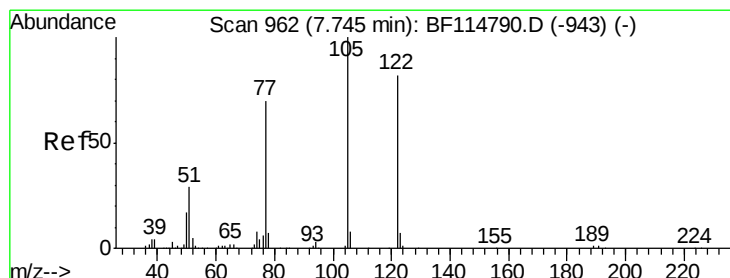
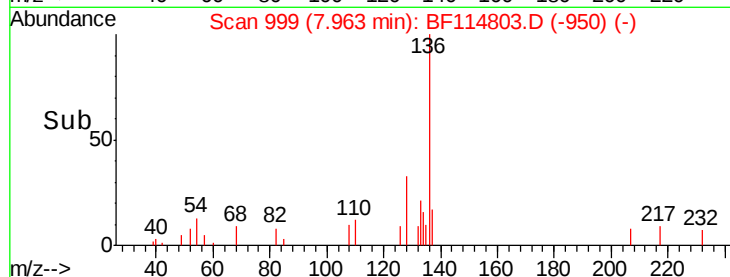
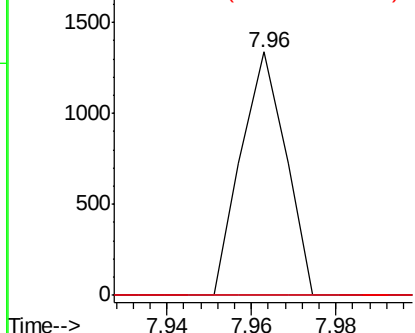
#31
Naphthalene
Concen: 0.028 ng
RT: 7.96 min Scan# 999
Delta R.T. -0.01 min
Lab File: BF114803.D
Acq: 4 Jun 2019 20:47

Instrument :
BNA_F
ClientSampleId :
TP-1A-D

Tgt Ion:128 Resp: 985
Ion Ratio Lower Upper
128 100
129 0.0 10.0 15.0#
127 0.0 12.2 18.2#

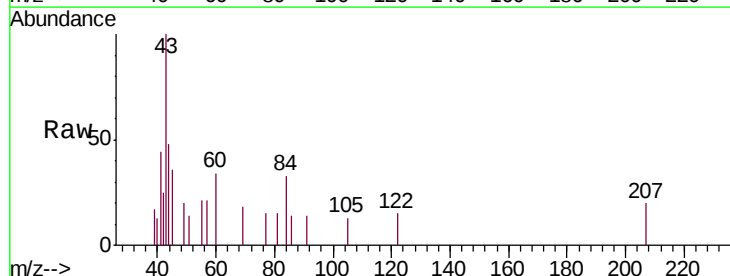


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

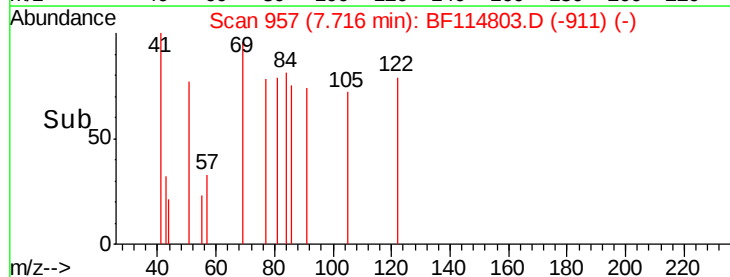
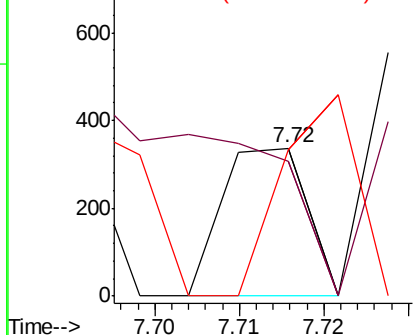


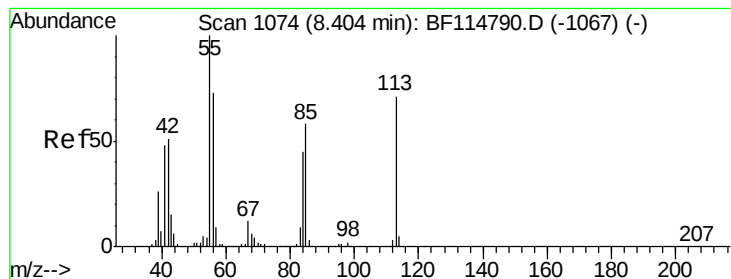
#32
Benzoic acid
Concen: 0.029 ng
RT: 7.72 min Scan# 957
Delta R.T. -0.03 min
Lab File: BF114803.D
Acq: 4 Jun 2019 20:47

Tgt Ion:122 Resp: 234
Ion Ratio Lower Upper
122 100
105 90.8 98.7 138.7#
77 98.8 64.8 104.8



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





#35

Caprolactam

Concen: 0.028 ng

RT: 8.65 min Scan# 1116

Delta R.T. 0.25 min

Lab File: BF114803.D

Acq: 4 Jun 2019 20:47

Instrument :

BNA_F

ClientSampleId :

TP-1A-D

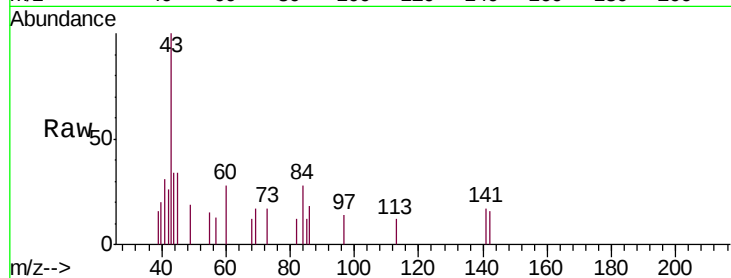
Tgt Ion:113 Resp: 107

Ion Ratio Lower Upper

113 100

55 125.1 121.1 161.1

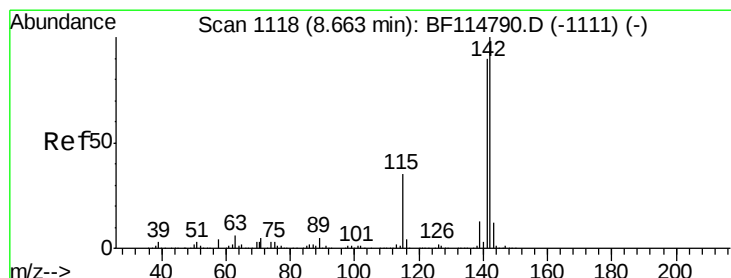
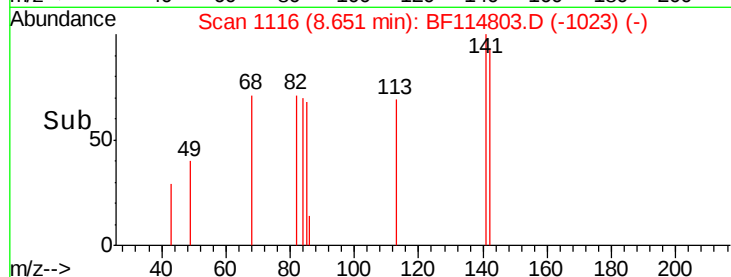
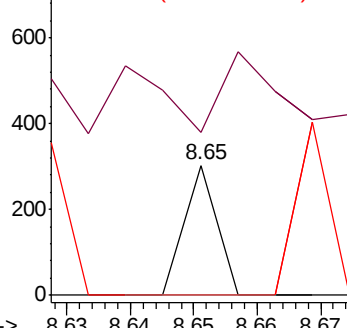
56 0.0 82.6 122.6#



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



#37

2-Methylnaphthalene

Concen: 0.013 ng

RT: 8.66 min Scan# 1117

Delta R.T. -0.01 min

Lab File: BF114803.D

Acq: 4 Jun 2019 20:47

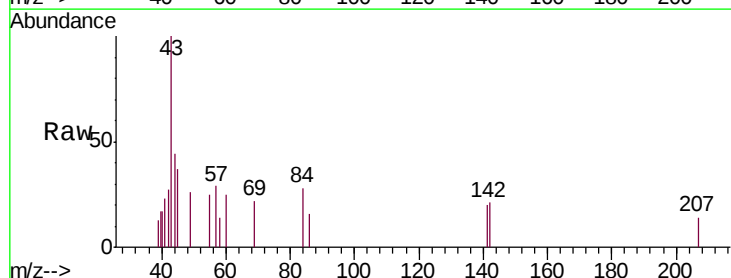
Tgt Ion:142 Resp: 314

Ion Ratio Lower Upper

142 100

141 93.4 71.6 107.4

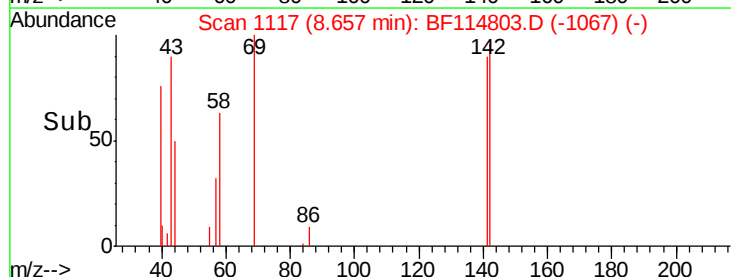
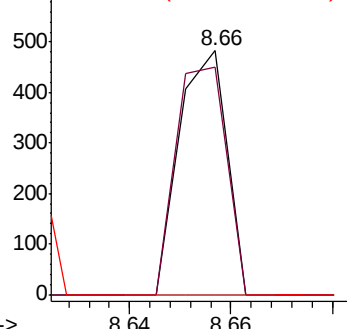
115 0.0 28.2 42.4#

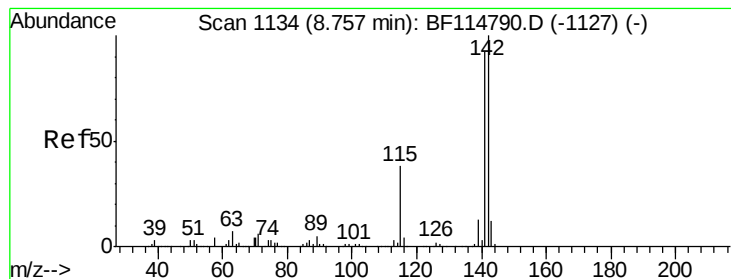


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





#38

1-Methylnaphthalene

Concen: 0.019 ng

RT: 8.75 min Scan# 1133

Delta R.T. -0.01 min

Lab File: BF114803.D

Acq: 4 Jun 2019 20:47

Instrument :

BNA_F

ClientSampleId :

TP-1A-D

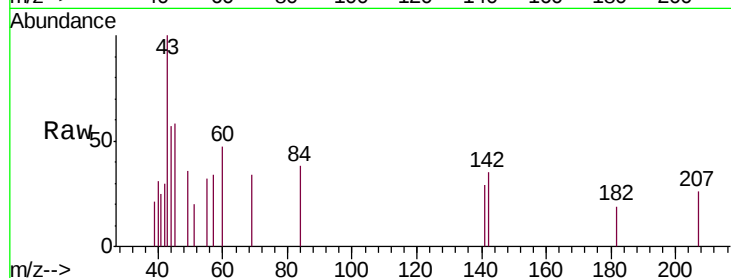
Tgt Ion:142 Resp: 456

Ion Ratio Lower Upper

142 100

141 83.0 73.8 110.6

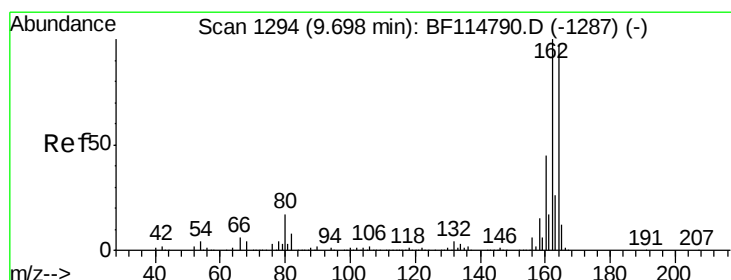
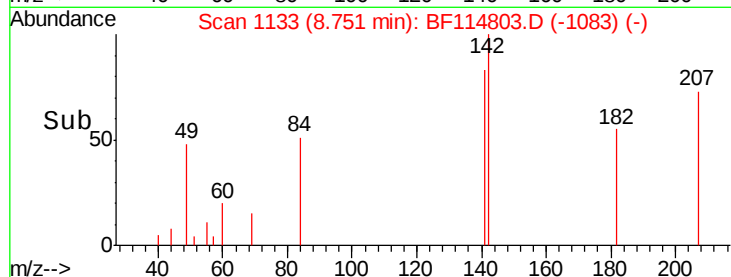
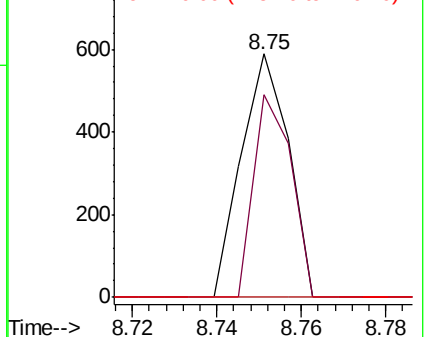
116 0.0 3.3 4.9#



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: 9.69 min Scan# 1292

Delta R.T. -0.01 min

Lab File: BF114803.D

Acq: 4 Jun 2019 20:47

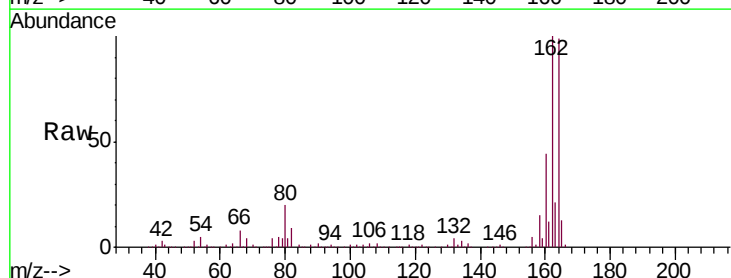
Tgt Ion:164 Resp: 394626

Ion Ratio Lower Upper

164 100

162 101.1 82.3 123.5

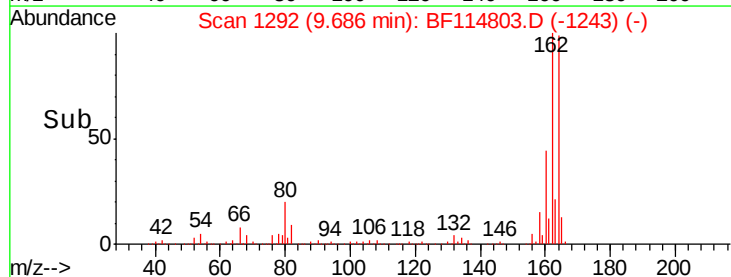
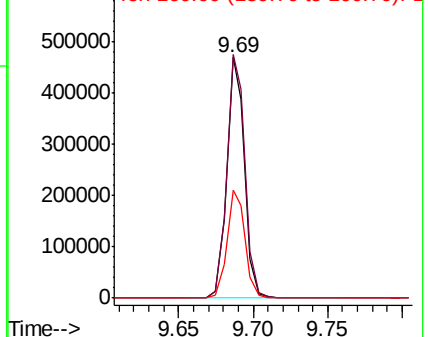
160 44.7 36.7 55.1

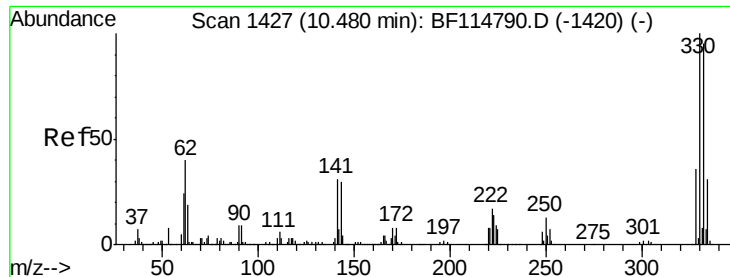


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

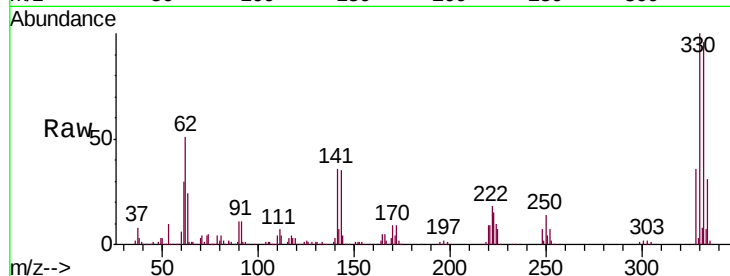




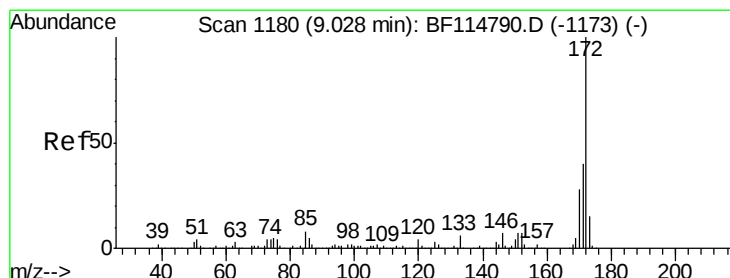
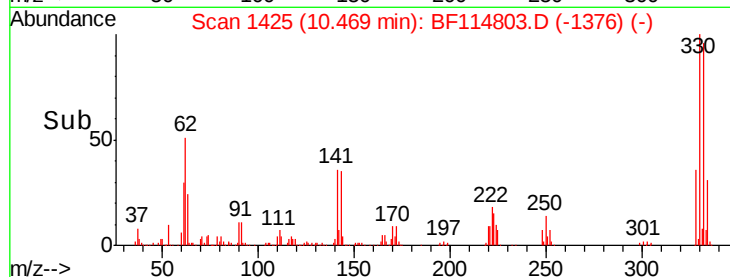
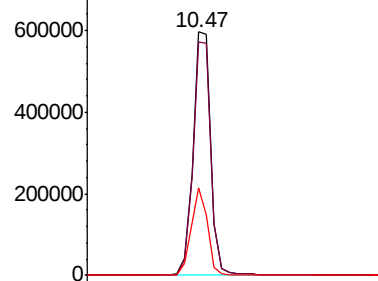
#42
 2,4,6-Tribromophenol
 Concen: 137.946 ng
 RT: 10.47 min Scan# 1425
 Delta R.T. -0.01 min
 Lab File: BF114803.D
 Acq: 4 Jun 2019 20:47

Instrument :
 BNA_F
 ClientSampleId :
 TP-1A-D

Tgt Ion:330 Resp: 586646
 Ion Ratio Lower Upper
 330 100
 332 97.0 77.3 115.9
 141 33.4 26.2 39.4

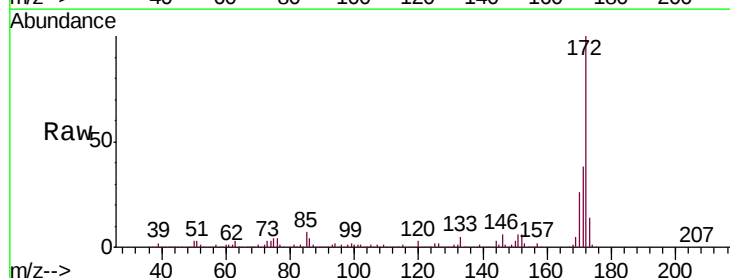


Abundance Ion 329.80 (329.50 to 330.50): E
 800000 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

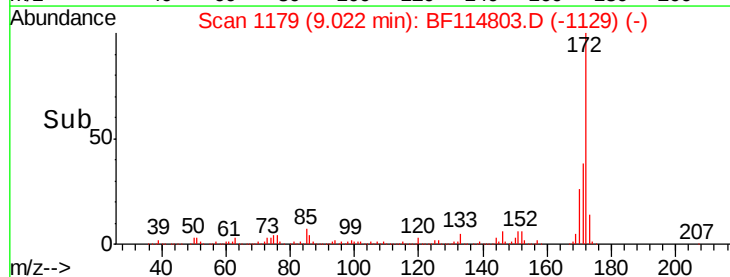
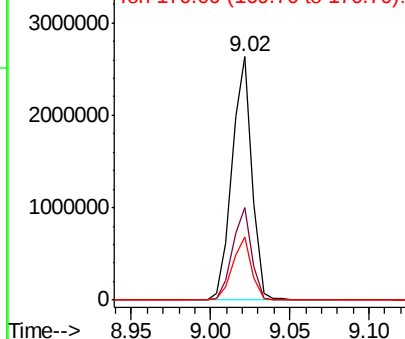


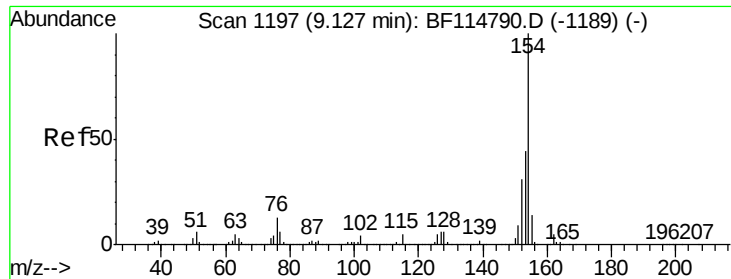
#45
 2-Fluorobiphenyl
 Concen: 108.513 ng
 RT: 9.02 min Scan# 1179
 Delta R.T. -0.01 min
 Lab File: BF114803.D
 Acq: 4 Jun 2019 20:47

Tgt Ion:172 Resp: 2285952
 Ion Ratio Lower Upper
 172 100
 171 38.0 32.3 48.5
 170 25.8 22.4 33.6



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

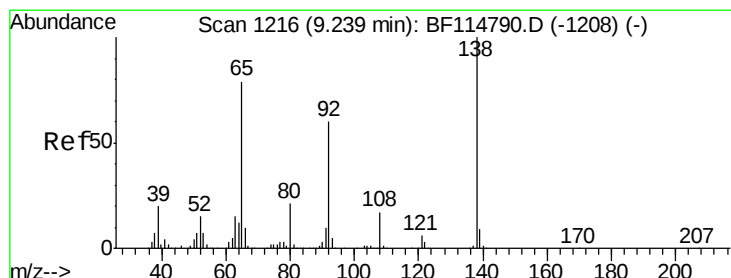
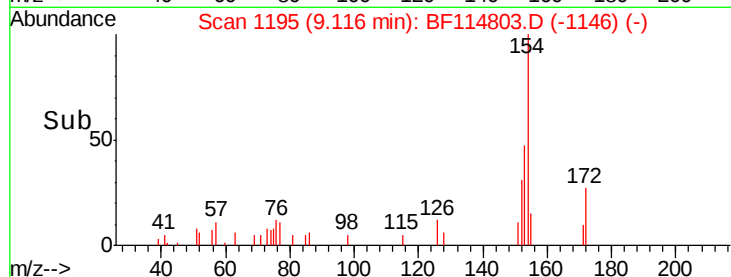
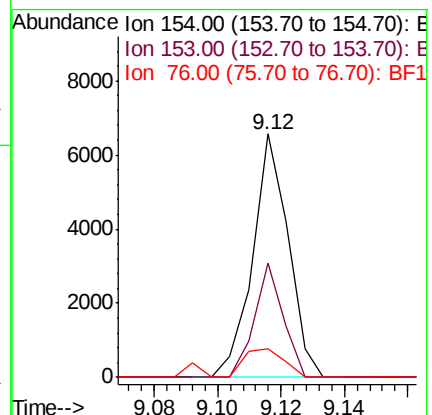
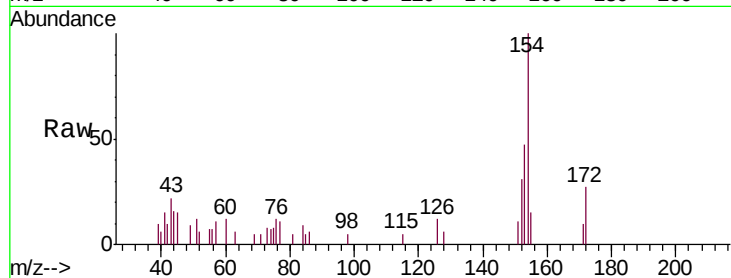




#46
1,1'-Biphenyl
Concen: 0.175 ng
RT: 9.12 min Scan# 1195
Delta R.T. -0.01 min
Lab File: BF114803.D
Acq: 4 Jun 2019 20:47

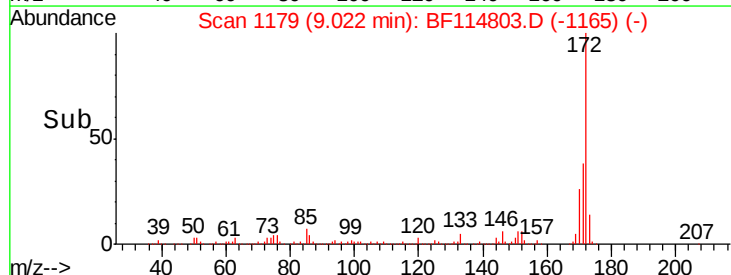
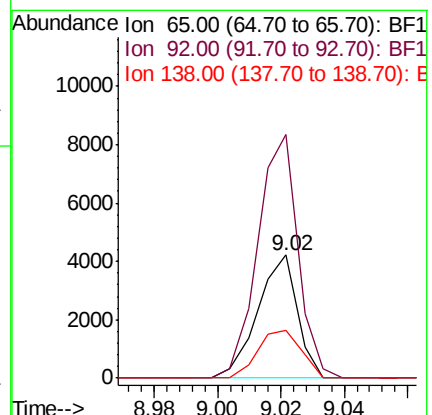
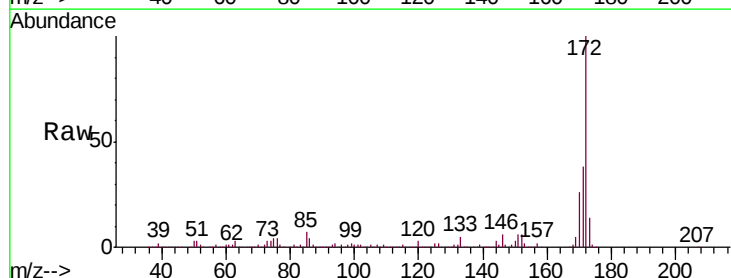
Instrument :
BNA_F
ClientSampleId :
TP-1A-D

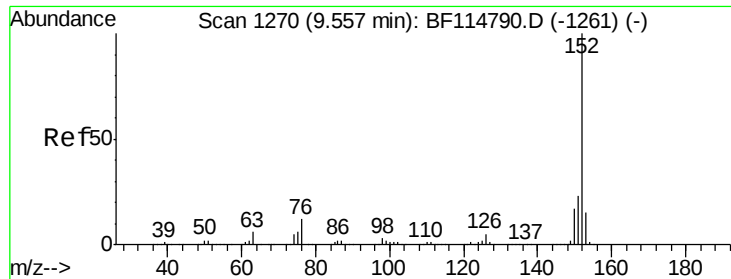
Tgt Ion: 154 Resp: 5118
Ion Ratio Lower Upper
154 100
153 46.7 23.9 63.9
76 11.5 0.0 33.2



#48
2-Nitroaniline
Concen: 0.493 ng
RT: 9.02 min Scan# 1179
Delta R.T. -0.22 min
Lab File: BF114803.D
Acq: 4 Jun 2019 20:47

Tgt Ion: 65 Resp: 3654
Ion Ratio Lower Upper
65 100
92 197.5 60.4 90.6#
138 38.5 101.2 151.8#





#49

Acenaphthylene

Concen: 0.036 ng

RT: 9.55 min Scan# 1269

Delta R.T. -0.01 min

Lab File: BF114803.D

Acq: 4 Jun 2019 20:47

Instrument :

BNA_F

ClientSampleId :

TP-1A-D

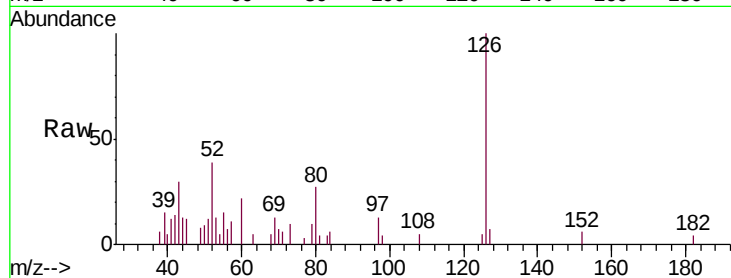
Tgt Ion:152 Resp: 1280

Ion Ratio Lower Upper

152 100

151 0.0 18.3 27.5#

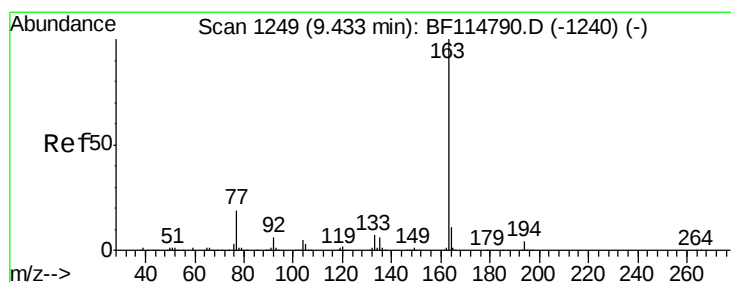
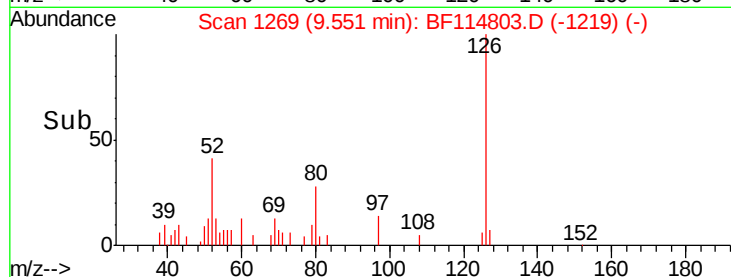
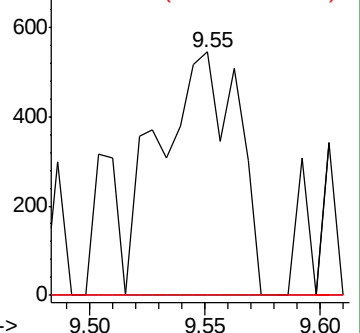
153 0.0 12.3 18.5#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 3.778 ng

RT: 9.69 min Scan# 1293

Delta R.T. 0.26 min

Lab File: BF114803.D

Acq: 4 Jun 2019 20:47

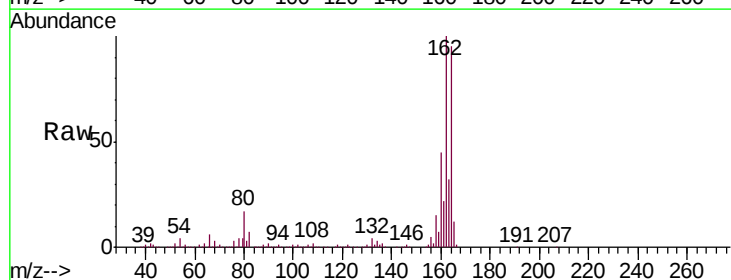
Tgt Ion:163 Resp: 108890

Ion Ratio Lower Upper

163 100

194 0.0 3.4 5.2#

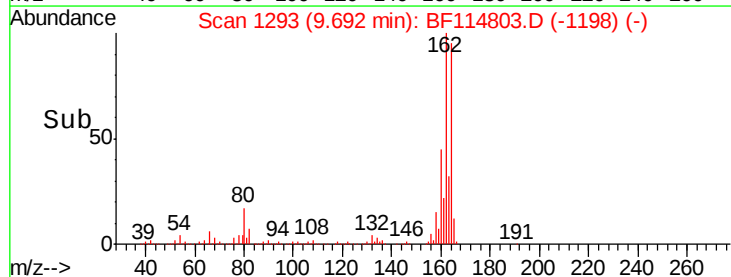
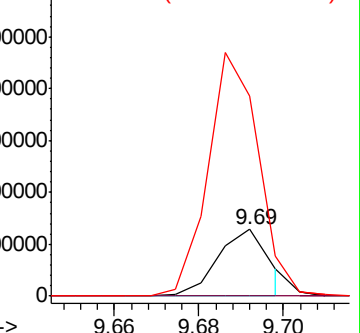
164 301.3 8.6 13.0#

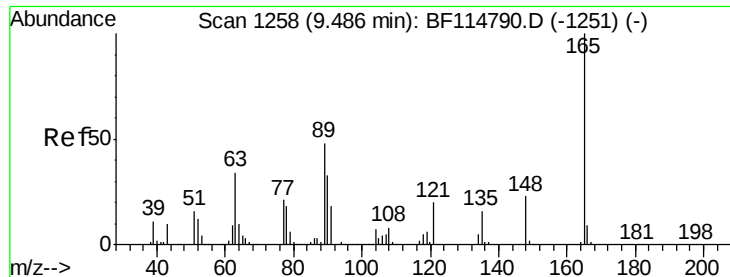


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

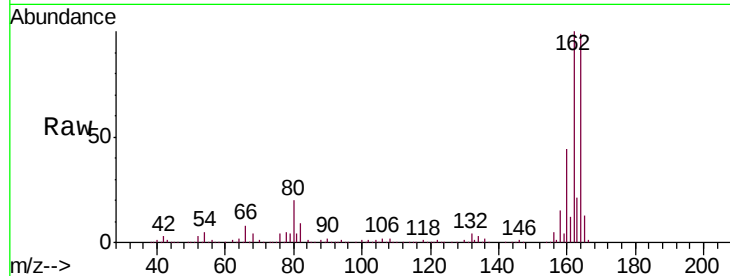




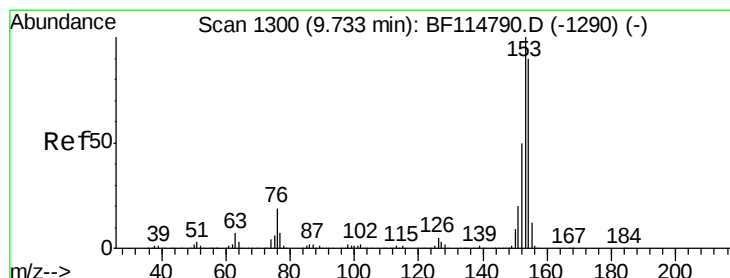
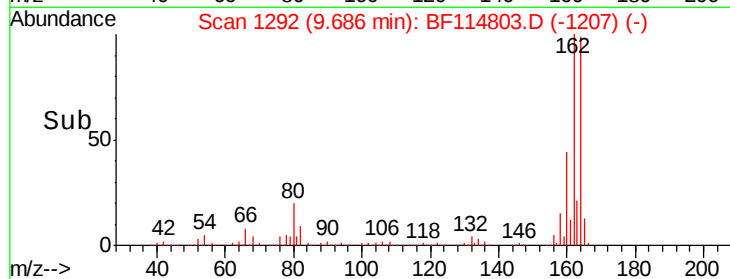
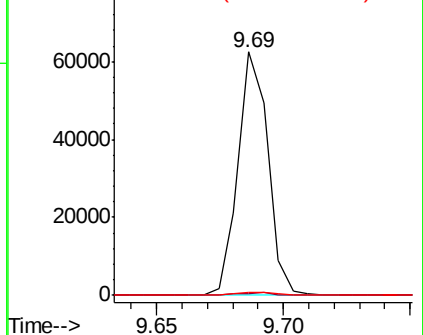
#51
 2,6-Dinitrotoluene
 Concen: 7.559 ng
 RT: 9.69 min Scan# 1292
 Delta R.T. 0.20 min
 Lab File: BF114803.D
 Acq: 4 Jun 2019 20:47

Instrument :
 BNA_F
 ClientSampleId :
 TP-1A-D

Tgt Ion:165 Resp: 51240
 Ion Ratio Lower Upper
 165 100
 63 0.7 35.1 52.7#
 89 1.2 38.2 57.2#

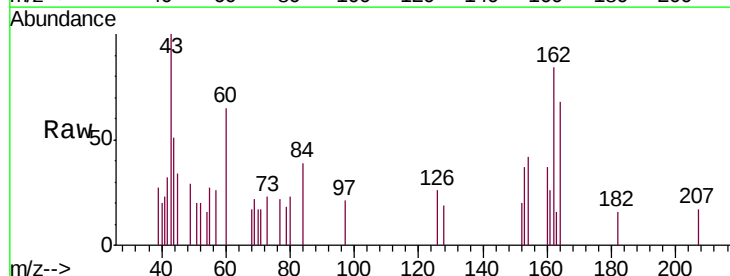


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

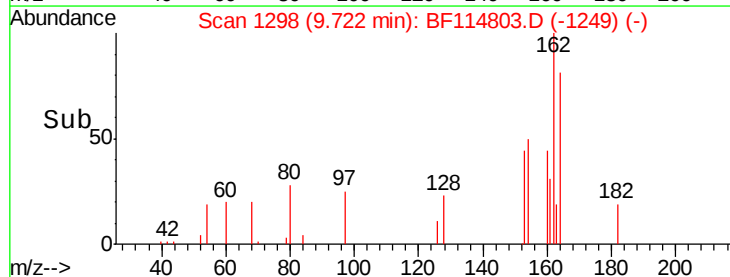
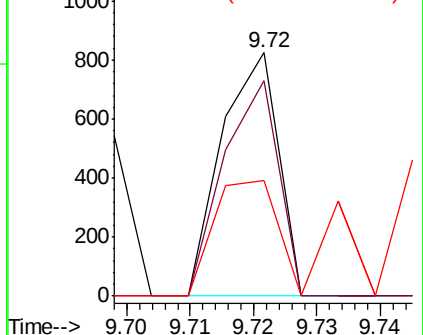


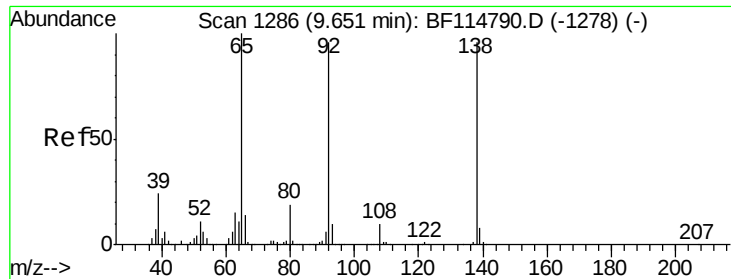
#52
 Acenaphthene
 Concen: 0.021 ng
 RT: 9.72 min Scan# 1298
 Delta R.T. -0.01 min
 Lab File: BF114803.D
 Acq: 4 Jun 2019 20:47

Tgt Ion:154 Resp: 505
 Ion Ratio Lower Upper
 154 100
 153 88.6 88.5 132.7
 152 47.3 44.1 66.1



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

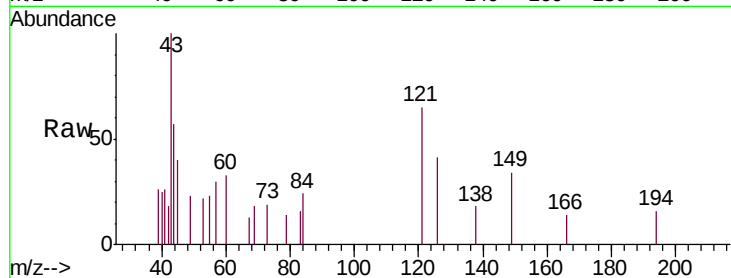




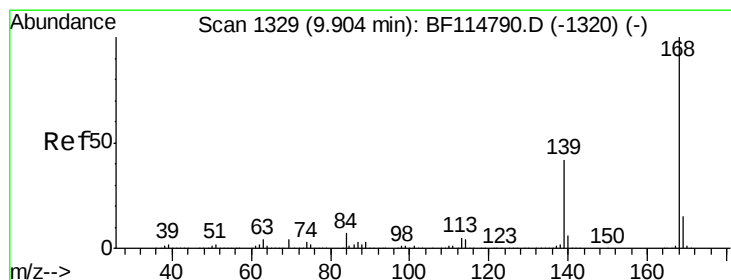
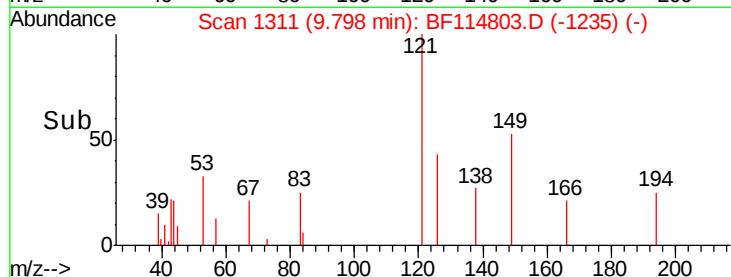
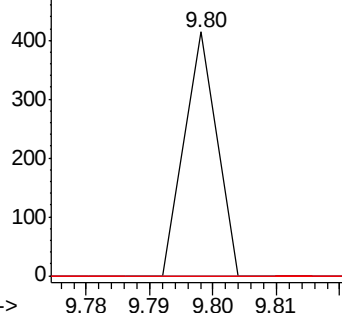
#53
3-Nitroaniline
Concen: 0.018 ng
RT: 9.80 min Scan# 1311
Delta R.T. 0.15 min
Lab File: BF114803.D
Acq: 4 Jun 2019 20:47

Instrument :
BNA_F
ClientSampled :
TP-1A-D

Tgt Ion:138 Resp: 146
Ion Ratio Lower Upper
138 100
108 0.0 7.9 11.9#
92 0.0 79.9 119.9#

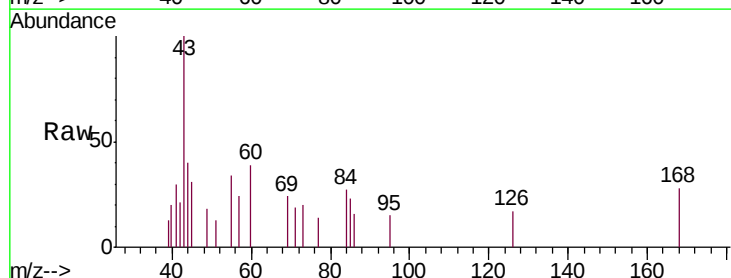


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

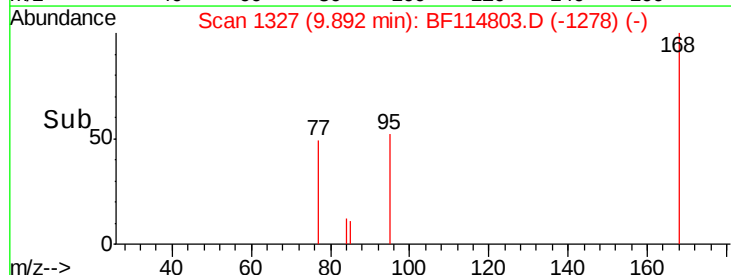
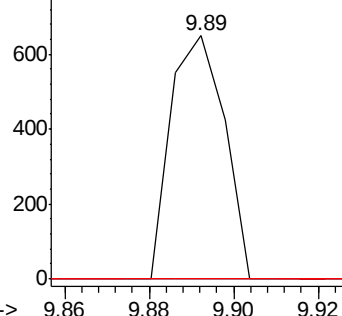


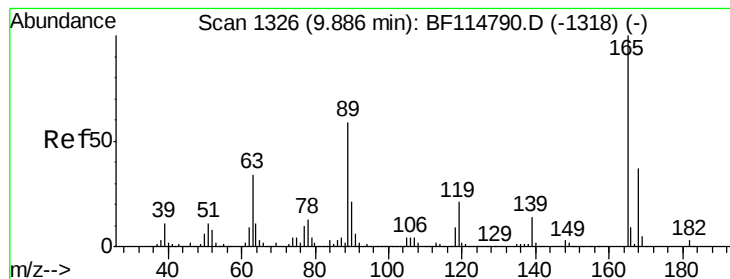
#55
Dibenzofuran
Concen: 0.017 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BF114803.D
Acq: 4 Jun 2019 20:47

Tgt Ion:168 Resp: 574
Ion Ratio Lower Upper
168 100
139 0.0 33.8 50.6#
169 0.0 11.9 17.9#



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





#57

2,4-Dinitrotoluene

Concen: 6.013 ng

RT: 9.69 min Scan# 1292

Delta R.T. -0.20 min

Lab File: BF114803.D

Acq: 4 Jun 2019 20:47

Instrument :

BNA_F

ClientSampleId :

TP-1A-D

Tgt Ion:165 Resp: 51240

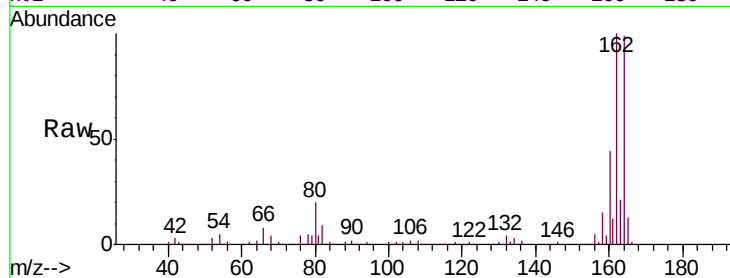
Ion Ratio Lower Upper

165 100

63 0.7 27.0 40.4#

89 1.2 47.0 70.6#

182 0.0 2.2 3.2#

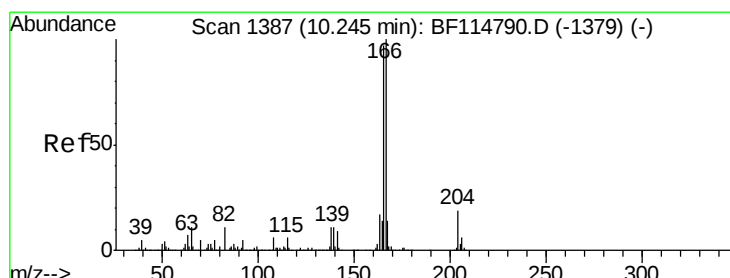
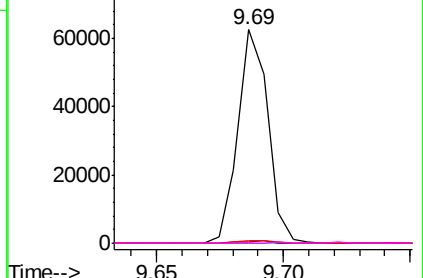
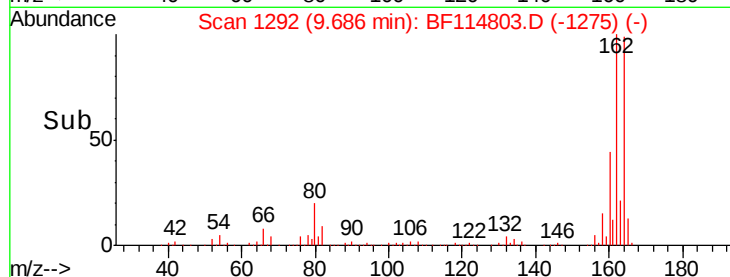


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: Below Cal

RT: 10.47 min Scan# 1425

Delta R.T. 0.22 min

Lab File: BF114803.D

Acq: 4 Jun 2019 20:47

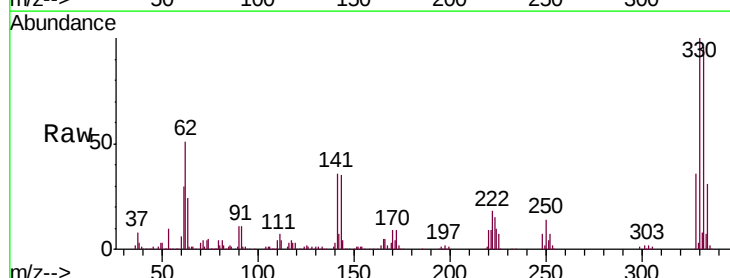
Tgt Ion:166 Resp: 27048

Ion Ratio Lower Upper

166 100

165 106.3 77.9 116.9

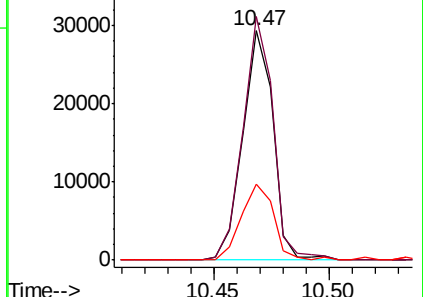
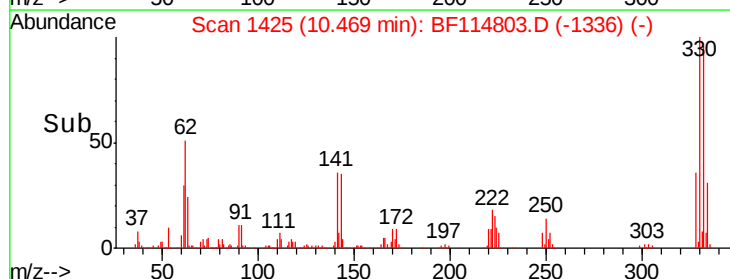
167 32.9 11.3 16.9#

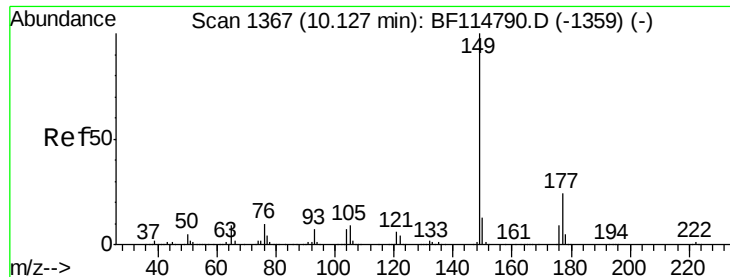


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

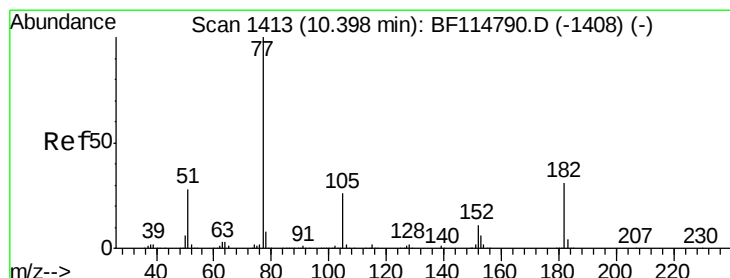
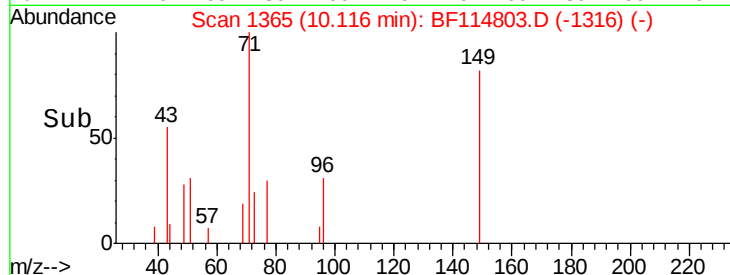
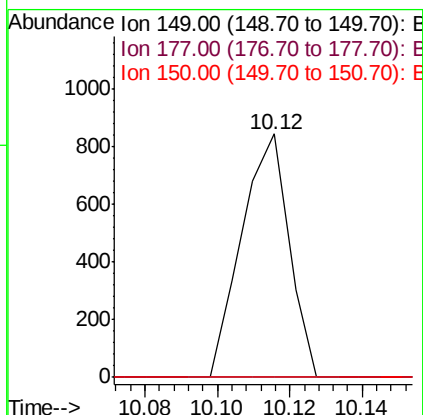
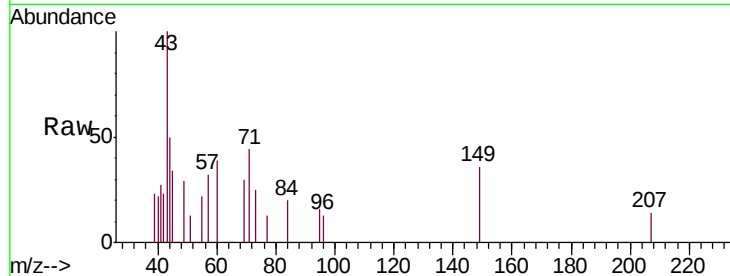




#60
Diethylphthalate
Concen: 0.026 ng
RT: 10.12 min Scan# 1365
Delta R.T. -0.01 min
Lab File: BF114803.D
Acq: 4 Jun 2019 20:47

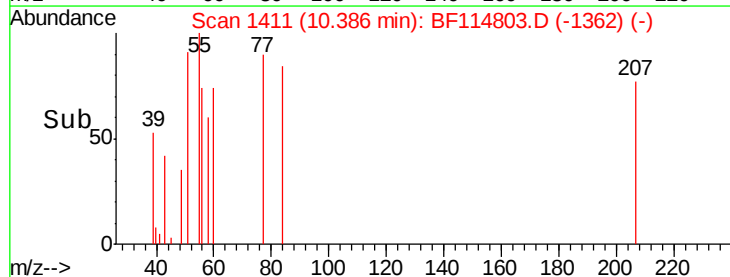
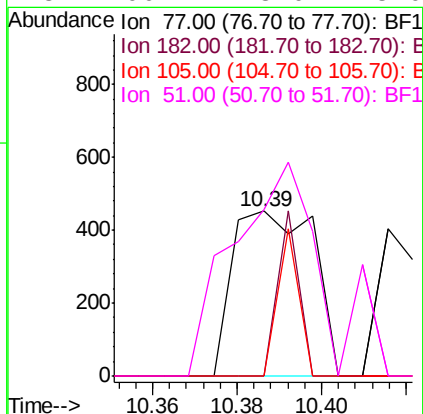
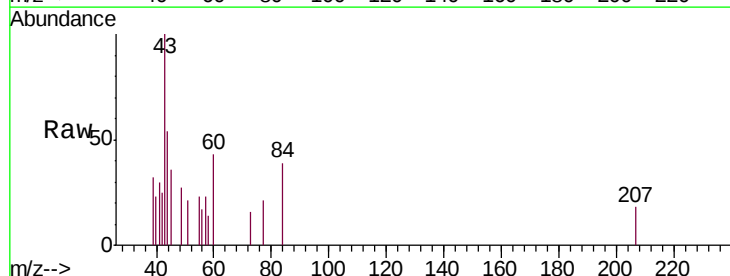
Instrument :
BNA_F
ClientSampleId :
TP-1A-D

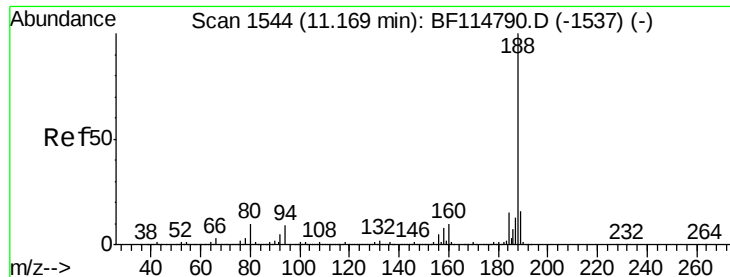
Tgt Ion: 149 Resp: 765
Ion Ratio Lower Upper
149 100
177 0.0 19.3 28.9#
150 0.0 10.7 16.1#



#63
Azobenzene
Concen: 0.025 ng
RT: 10.39 min Scan# 1411
Delta R.T. -0.01 min
Lab File: BF114803.D
Acq: 4 Jun 2019 20:47

Tgt Ion: 77 Resp: 604
Ion Ratio Lower Upper
77 100
182 0.0 11.2 51.2#
105 0.0 5.7 45.7#
51 100.7 8.0 48.0#

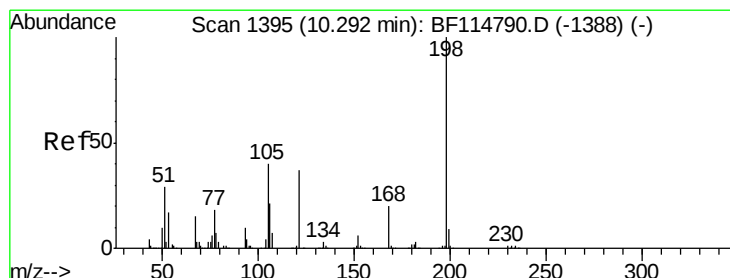
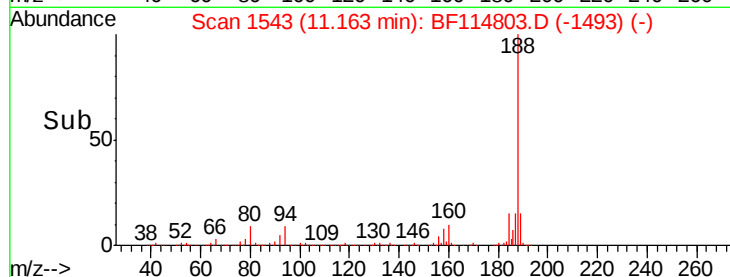
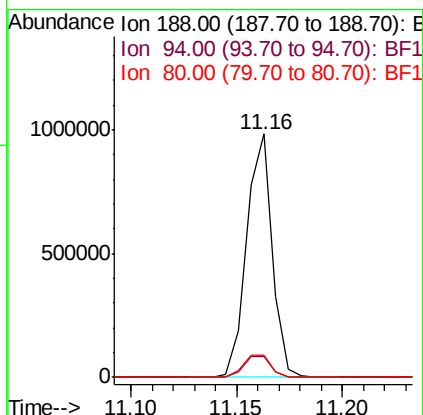
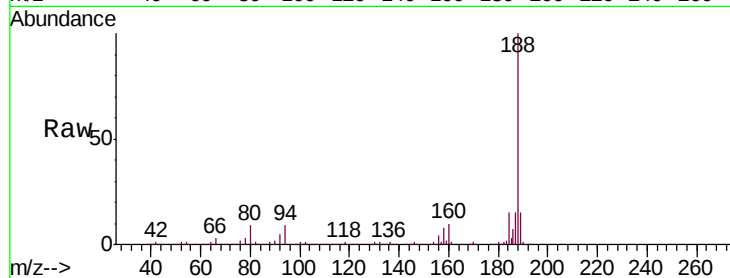




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.16 min Scan# 1543
Delta R.T. -0.01 min
Lab File: BF114803.D
Acq: 4 Jun 2019 20:47

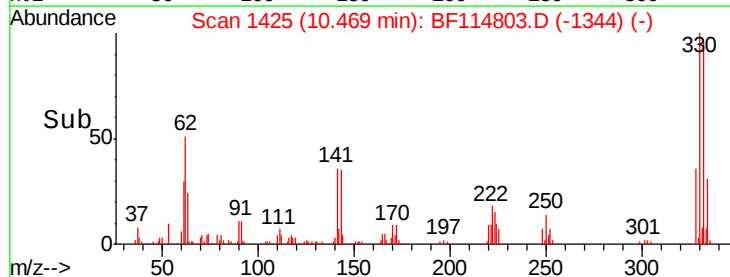
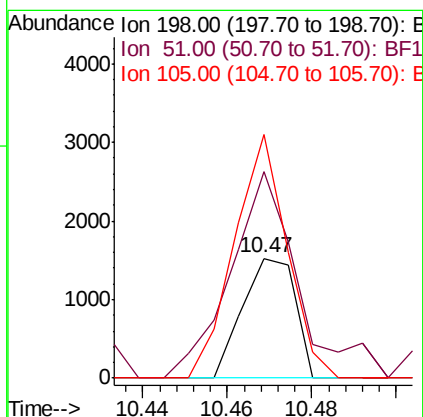
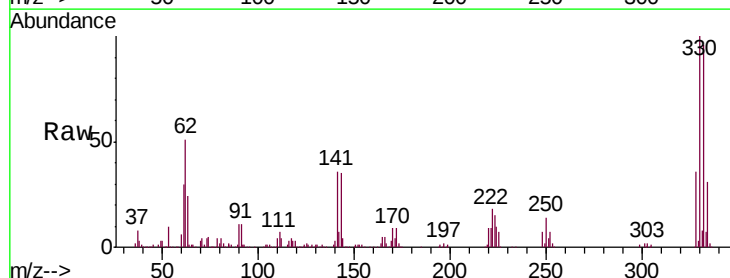
Instrument :
BNA_F
ClientSampleId :
TP-1A-D

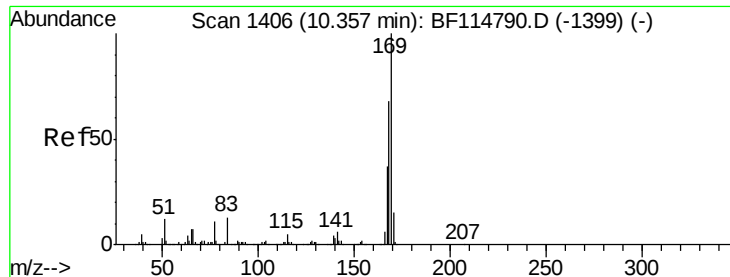
Tgt Ion:188 Resp: 822553
Ion Ratio Lower Upper
188 100
94 8.7 7.6 11.4
80 9.0 8.3 12.5



#65
4,6-Dinitro-2-methylphenol
Concen: 0.310 ng
RT: 10.47 min Scan# 1425
Delta R.T. 0.18 min
Lab File: BF114803.D
Acq: 4 Jun 2019 20:47

Tgt Ion:198 Resp: 1326
Ion Ratio Lower Upper
198 100
51 172.6 14.9 54.9#
105 203.3 21.0 61.0#

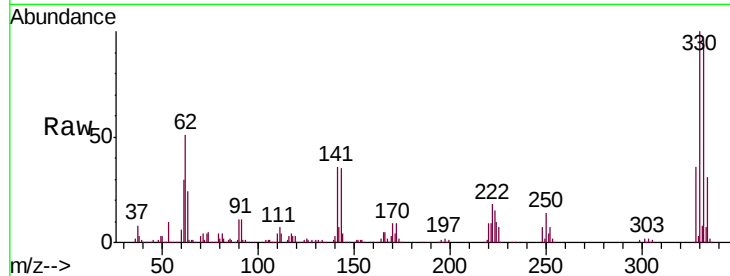




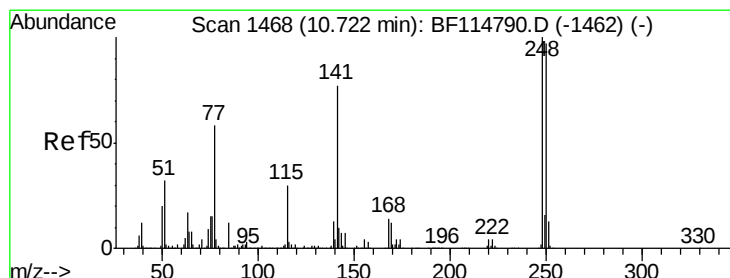
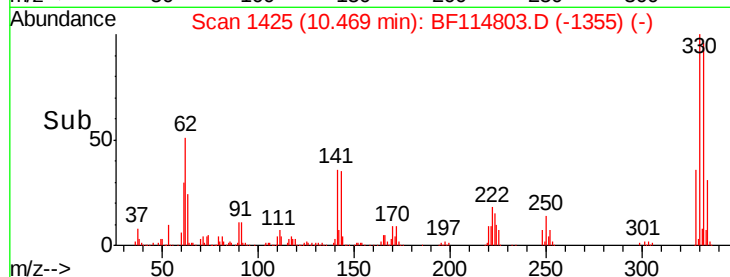
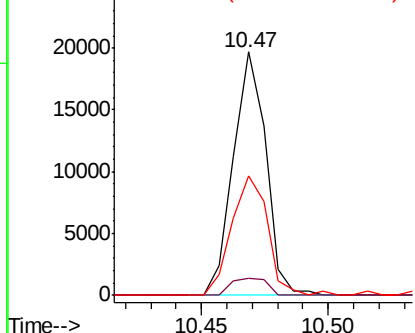
#66
 n-Nitrosodiphenylamine
 Concen: 0.706 ng
 RT: 10.47 min Scan# 1425
 Delta R.T. 0.11 min
 Lab File: BF114803.D
 Acq: 4 Jun 2019 20:47

Instrument :
 BNA_F
 ClientSampleId :
 TP-1A-D

Tgt Ion:169 Resp: 17553
 Ion Ratio Lower Upper
 169 100
 168 7.1 54.3 81.5#
 167 48.9 29.9 44.9#

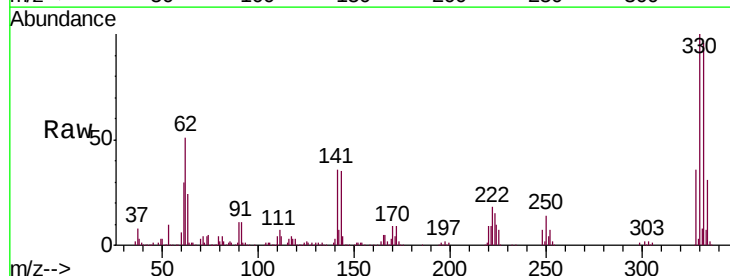


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

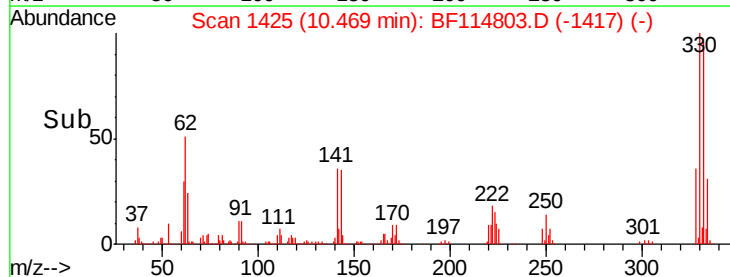
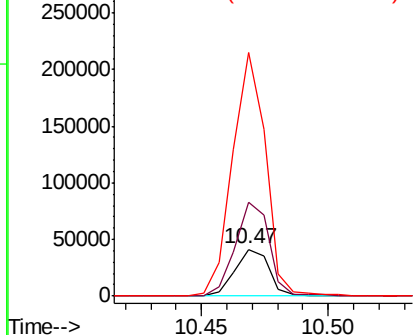


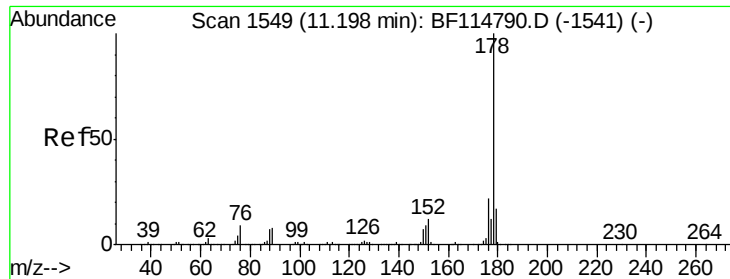
#67
 4-Bromophenyl-phenylether
 Concen: 4.068 ng
 RT: 10.47 min Scan# 1425
 Delta R.T. -0.25 min
 Lab File: BF114803.D
 Acq: 4 Jun 2019 20:47

Tgt Ion:248 Resp: 38001
 Ion Ratio Lower Upper
 248 100
 250 201.8 77.5 116.3#
 141 522.3 61.8 92.8#



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

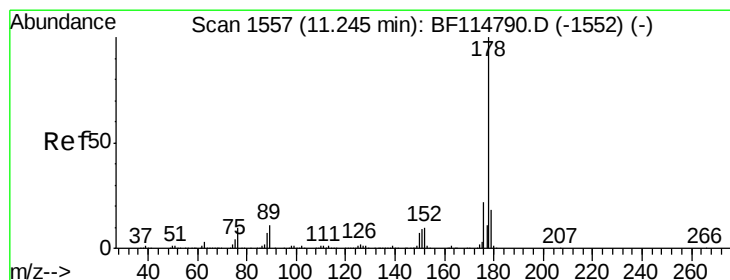
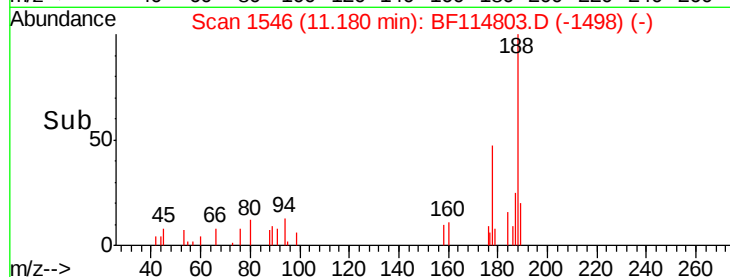
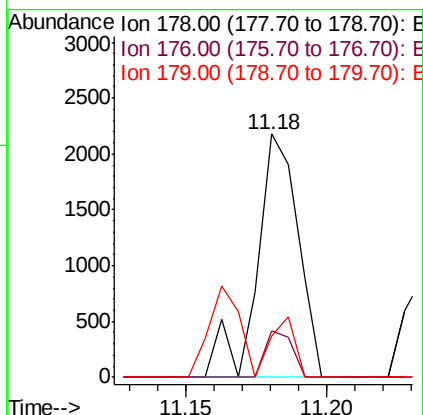
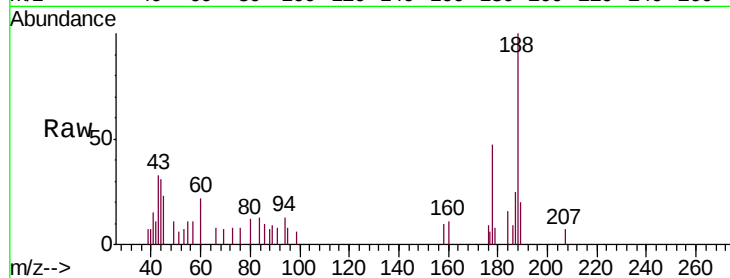




#71
Phenanthrene
Concen: 0.056 ng
RT: 11.18 min Scan# 1546
Delta R.T. -0.02 min
Lab File: BF114803.D
Acq: 4 Jun 2019 20:47

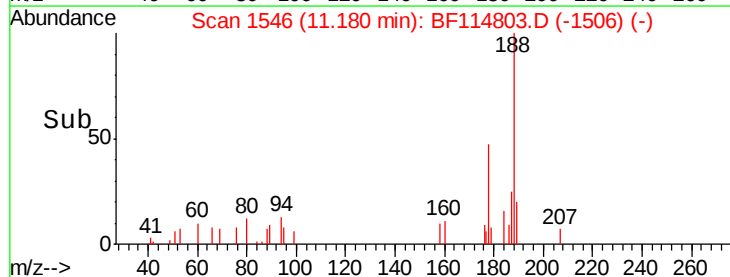
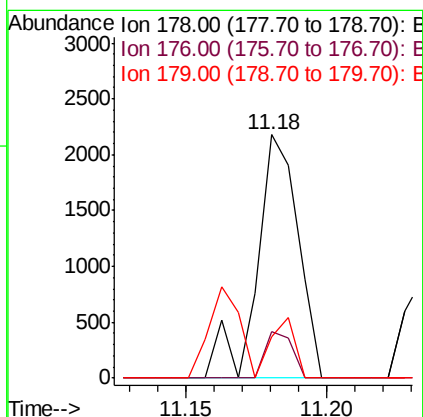
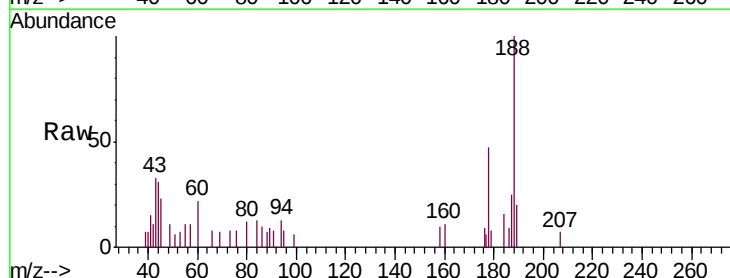
Instrument :
BNA_F
ClientSampleId :
TP-1A-D

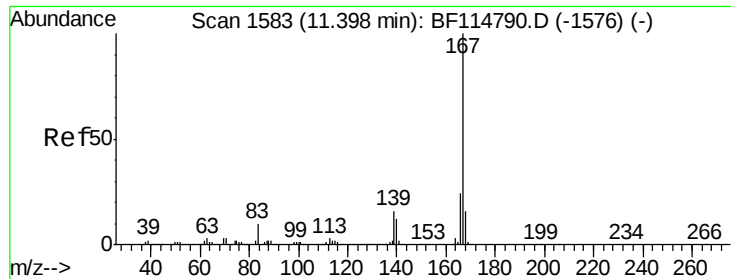
Tgt Ion:178 Resp: 2207
Ion Ratio Lower Upper
178 100
176 18.9 17.7 26.5
179 16.8 13.7 20.5



#72
Anthracene
Concen: 0.053 ng
RT: 11.18 min Scan# 1546
Delta R.T. -0.06 min
Lab File: BF114803.D
Acq: 4 Jun 2019 20:47

Tgt Ion:178 Resp: 2207
Ion Ratio Lower Upper
178 100
176 18.9 17.4 26.0
179 16.8 14.2 21.4

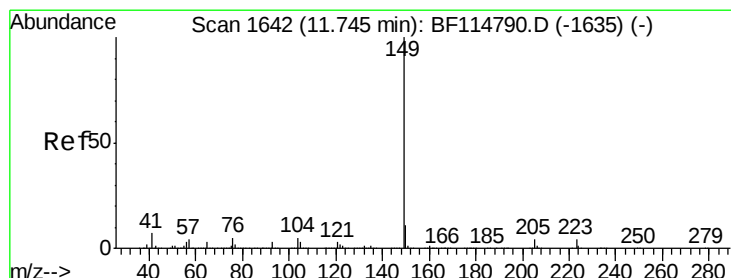
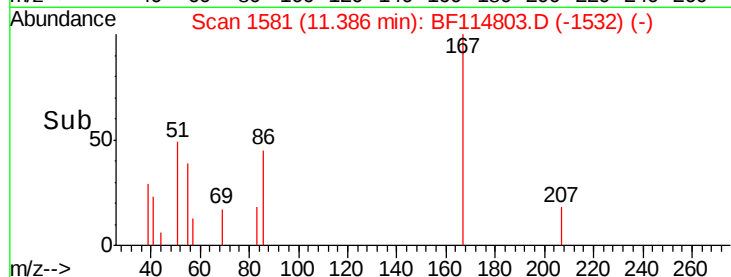
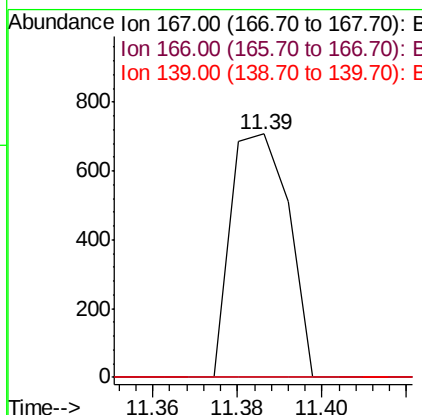
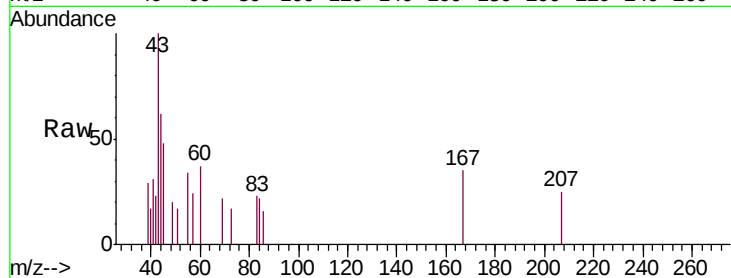




#73
 Carbazole
 Concen: 0.019 ng
 RT: 11.39 min Scan# 1581
 Delta R.T. -0.01 min
 Lab File: BF114803.D
 Acq: 4 Jun 2019 20:47

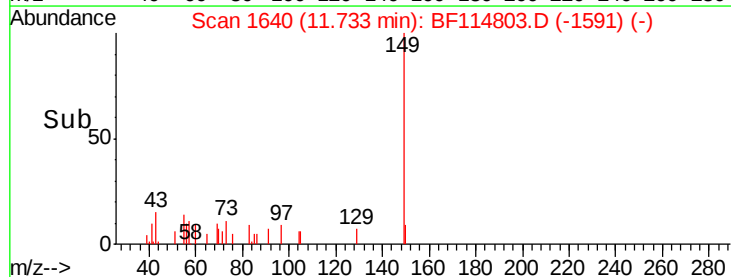
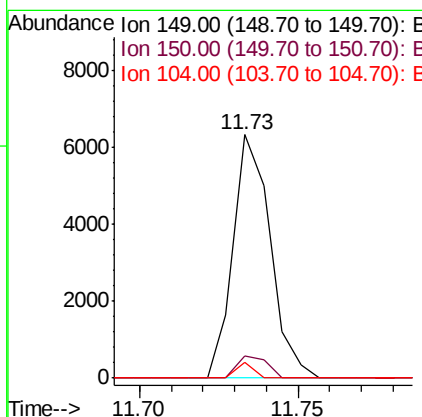
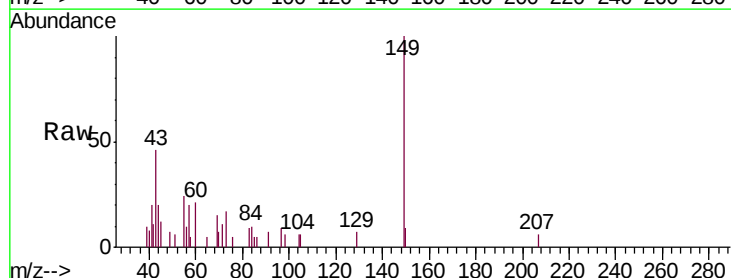
Instrument :
 BNA_F
 ClientSampleId :
 TP-1A-D

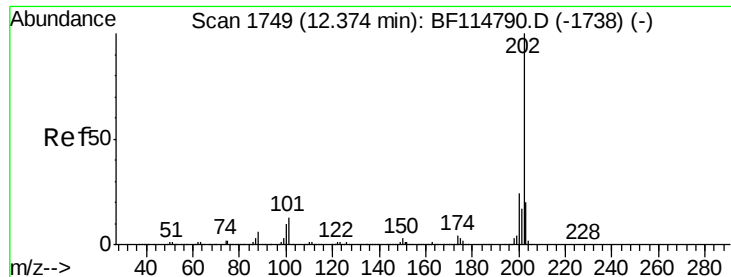
Tgt Ion	Ratio	Lower	Upper
167	100		
166	0.0	19.1	28.7#
139	0.0	12.4	18.6#



#74
 Di-n-butylphthalate
 Concen: 0.110 ng
 RT: 11.73 min Scan# 1640
 Delta R.T. -0.01 min
 Lab File: BF114803.D
 Acq: 4 Jun 2019 20:47

Tgt Ion	Ratio	Lower	Upper
149	100		
150	8.9	8.9	13.3#
104	6.3	4.3	6.5





#75

Fluoranthene

Concen: 0.023 ng

RT: 12.36 min Scan# 1747

Delta R.T. -0.01 min

Lab File: BF114803.D

Acq: 4 Jun 2019 20:47

Instrument :

BNA_F

ClientSampleId :

TP-1A-D

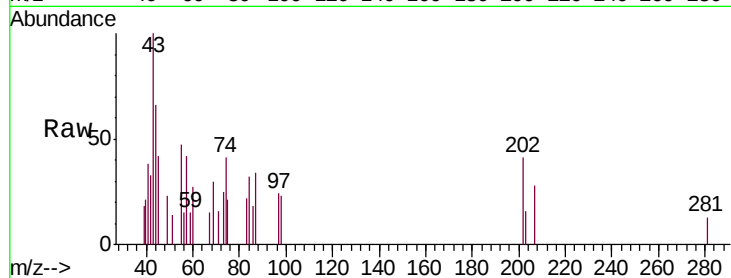
Tgt Ion:202 Resp: 952

Ion Ratio Lower Upper

202 100

101 0.0 0.0 32.8

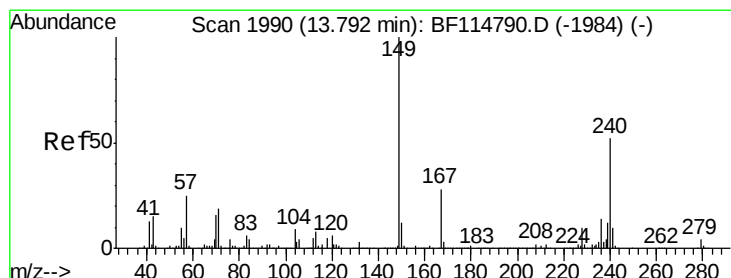
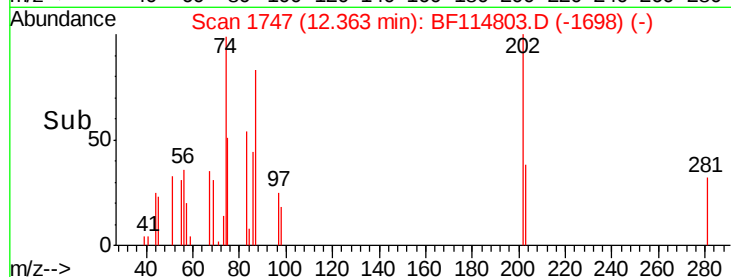
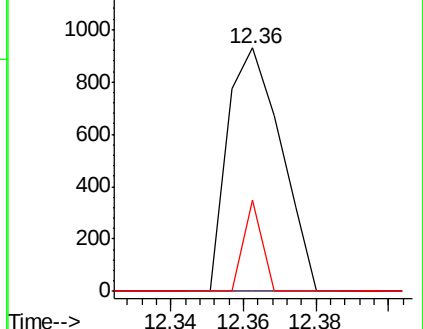
203 37.5 0.2 40.2



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: 13.78 min Scan# 1988

Delta R.T. -0.01 min

Lab File: BF114803.D

Acq: 4 Jun 2019 20:47

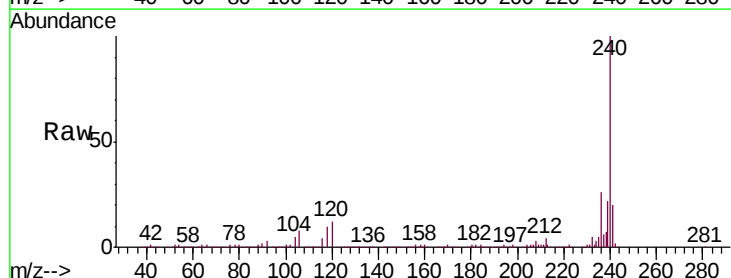
Tgt Ion:240 Resp: 707819

Ion Ratio Lower Upper

240 100

120 11.8 9.0 13.4

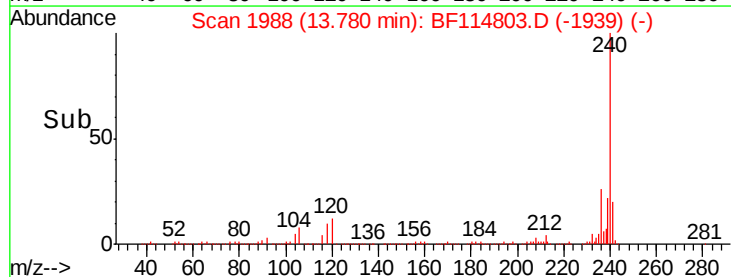
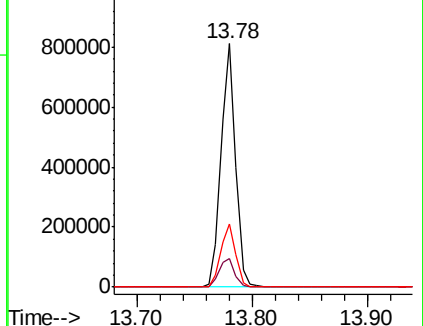
236 26.0 21.4 32.0

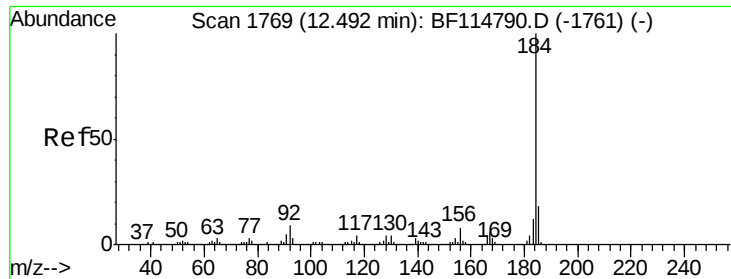


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 1.082 ng

RT: 12.74 min Scan# 1812

Delta R.T. 0.25 min

Lab File: BF114803.D

Acq: 4 Jun 2019 20:47

Instrument :

BNA_F

ClientSampleId :

TP-1A-D

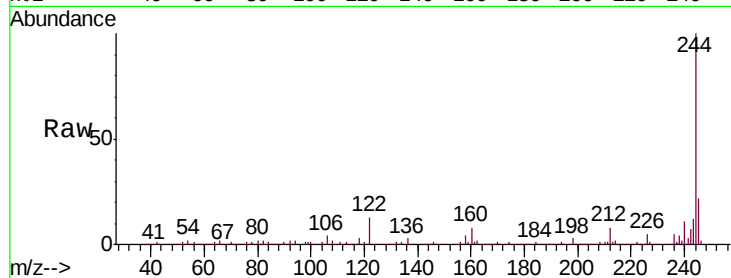
Tgt Ion:184 Resp: 37905

Ion Ratio Lower Upper

184 100

185 19.8 14.1 21.1

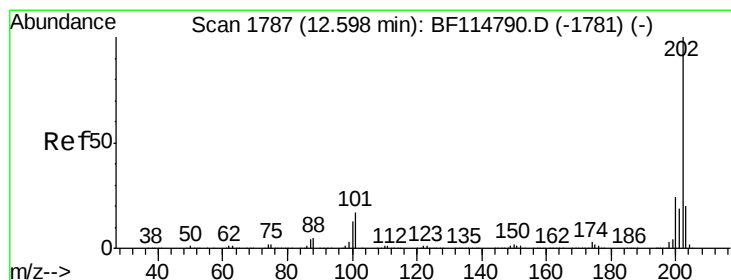
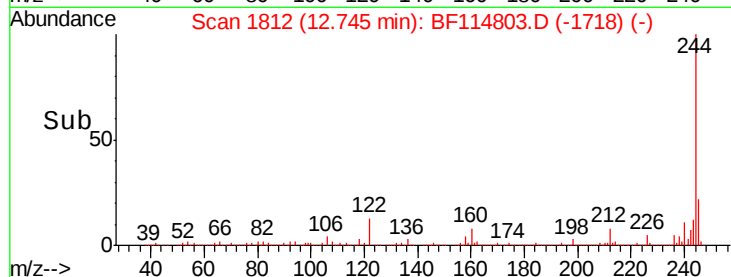
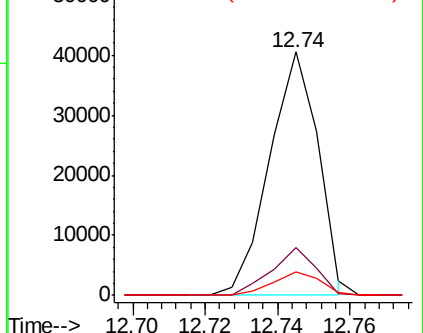
183 9.4 9.9 14.9#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 0.014 ng

RT: 12.59 min Scan# 1785

Delta R.T. -0.01 min

Lab File: BF114803.D

Acq: 4 Jun 2019 20:47

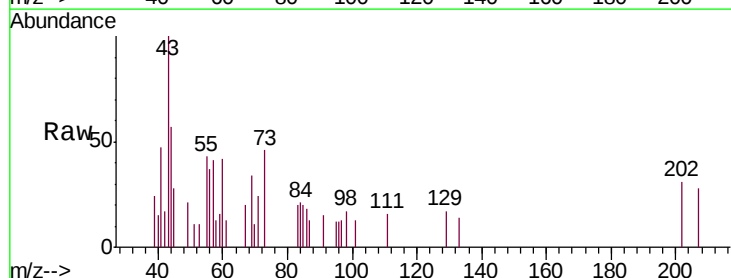
Tgt Ion:202 Resp: 865

Ion Ratio Lower Upper

202 100

200 0.0 19.2 28.8#

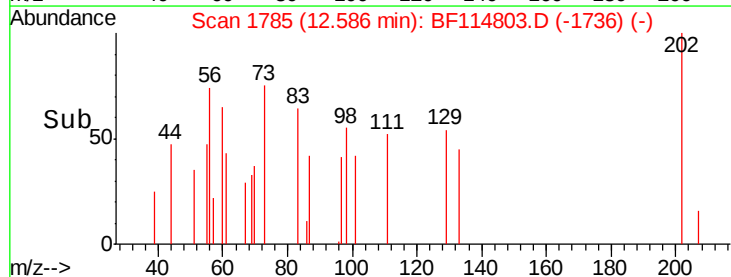
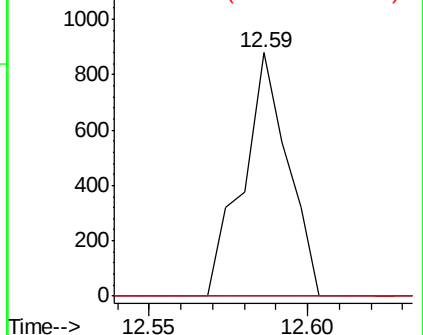
203 0.0 15.9 23.9#

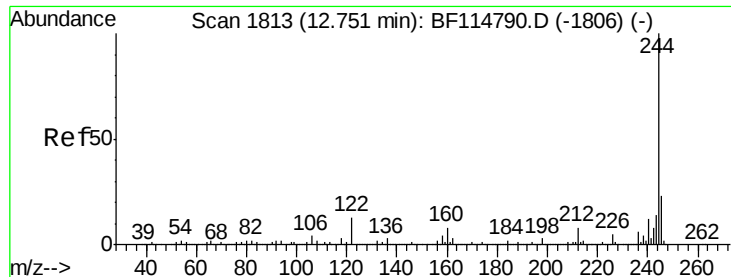


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

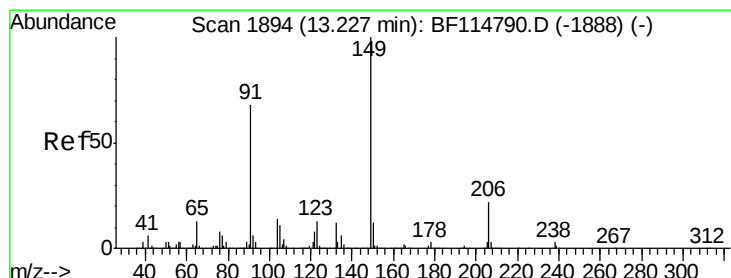
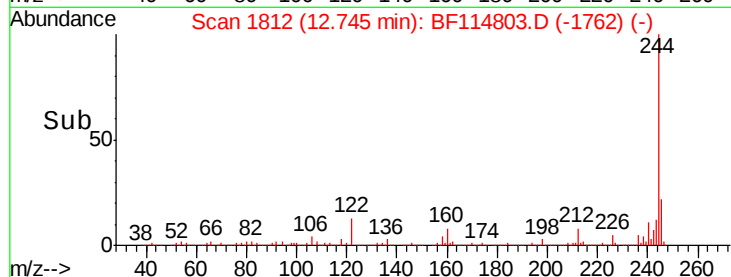
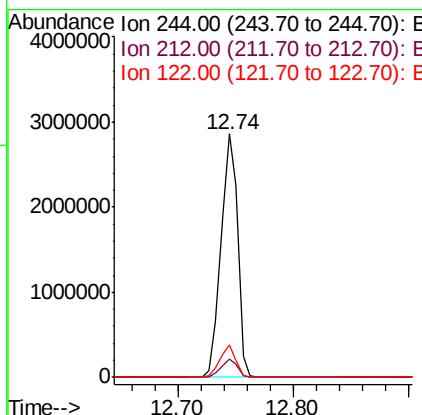
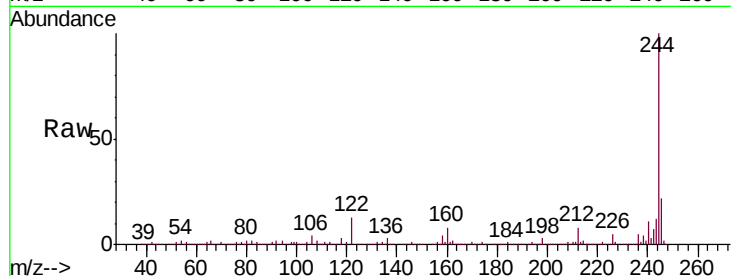




#79
 Terphenyl-d14
 Concen: 78.379 ng
 RT: 12.74 min Scan# 1812
 Delta R.T. -0.01 min
 Lab File: BF114803.D
 Acq: 4 Jun 2019 20:47

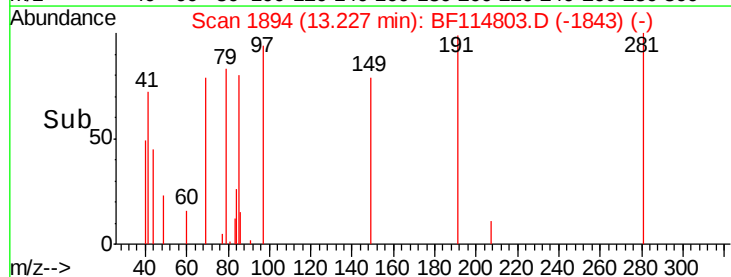
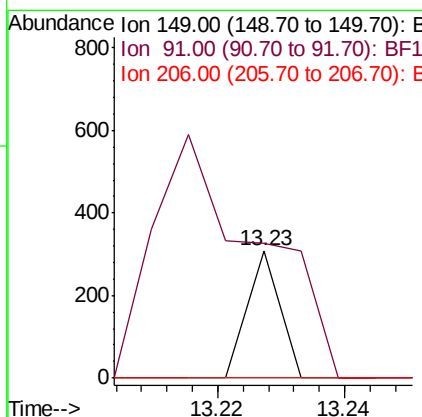
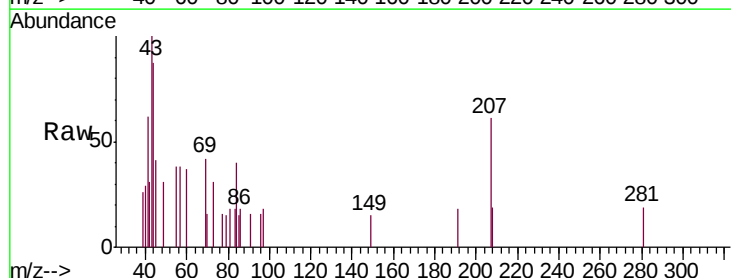
Instrument :
 BNA_F
 ClientSampleId :
 TP-1A-D

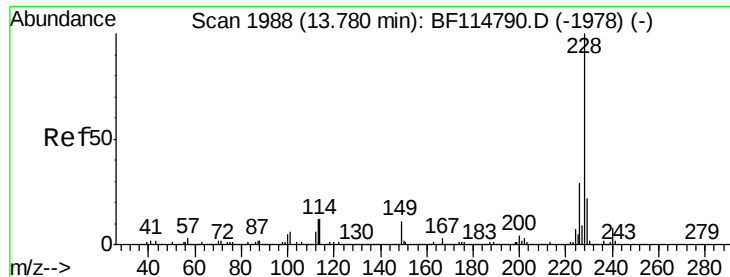
Tgt Ion:244 Resp: 2852683
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.5 9.7
 122 13.3 10.5 15.7



#80
 Butylbenzylphthalate
 Concen: 0.004 ng
 RT: 13.23 min Scan# 1894
 Delta R.T. -0.00 min
 Lab File: BF114803.D
 Acq: 4 Jun 2019 20:47

Tgt Ion:149 Resp: 109
 Ion Ratio Lower Upper
 149 100
 91 105.2 54.6 82.0#
 206 0.0 17.2 25.8#





#81

Benzo(a)anthracene

Concen: 0.050 ng

RT: 13.78 min Scan# 1988

Delta R.T. -0.00 min

Lab File: BF114803.D

Acq: 4 Jun 2019 20:47

Instrument :

BNA_F

ClientSampleId :

TP-1A-D

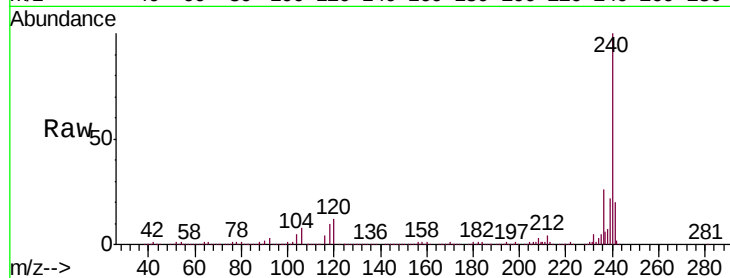
Tgt Ion:228 Resp: 2742

Ion Ratio Lower Upper

228 100

226 0.0 23.4 35.2#

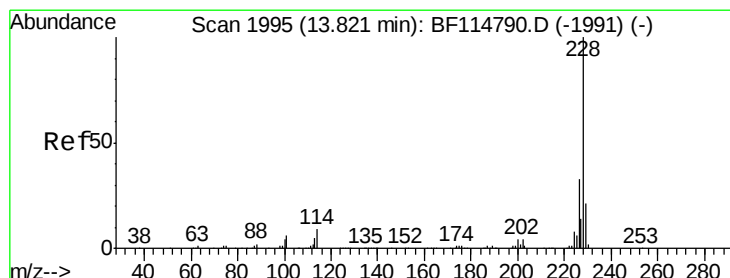
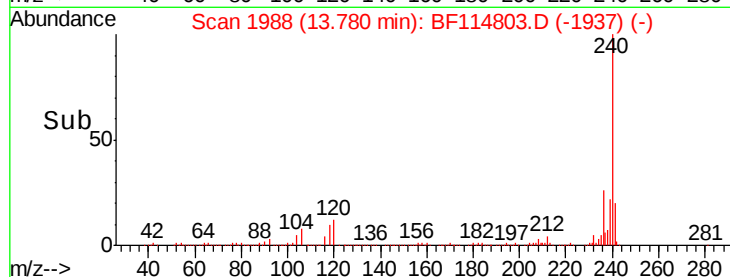
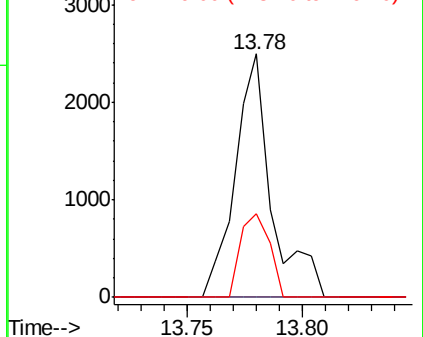
229 34.2 17.4 26.0#



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



#83

Chrysene

Concen: 0.052 ng

RT: 13.78 min Scan# 1988

Delta R.T. -0.04 min

Lab File: BF114803.D

Acq: 4 Jun 2019 20:47

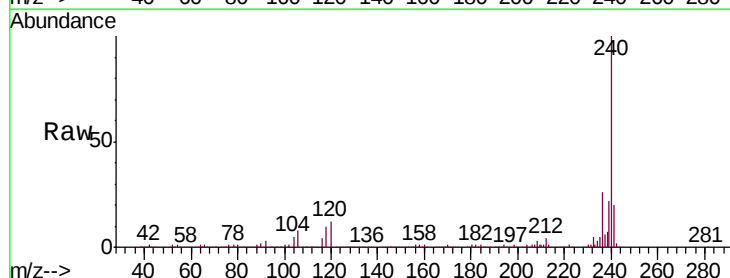
Tgt Ion:228 Resp: 2742

Ion Ratio Lower Upper

228 100

226 0.0 26.0 39.0#

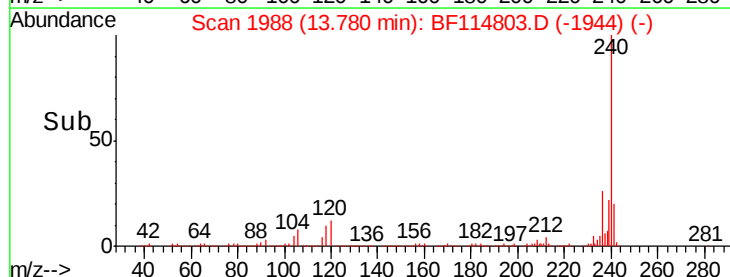
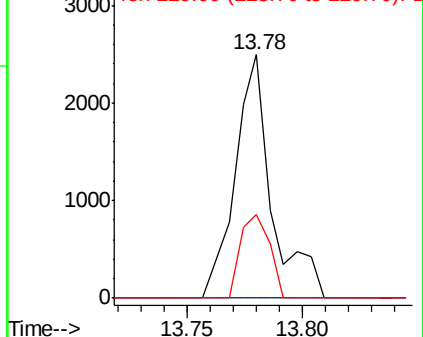
229 34.2 17.1 25.7#

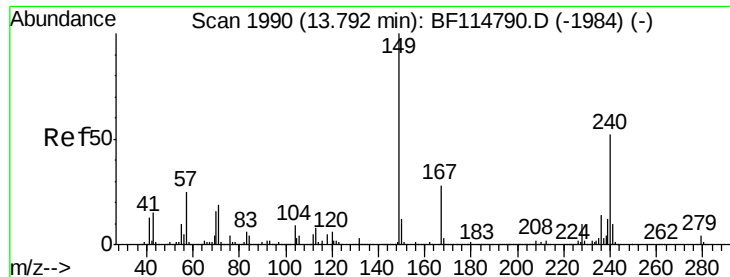


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 0.042 ng

RT: 13.79 min Scan# 1990

Delta R.T. -0.00 min

Lab File: BF114803.D

Acq: 4 Jun 2019 20:47

Instrument :

BNA_F

ClientSampleId :

TP-1A-D

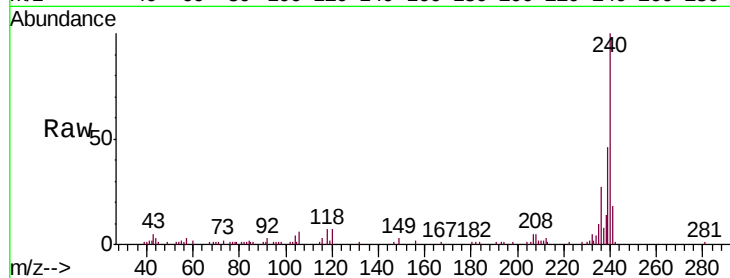
Tgt Ion:149 Resp: 1649

Ion Ratio Lower Upper

149 100

167 31.7 22.7 34.1

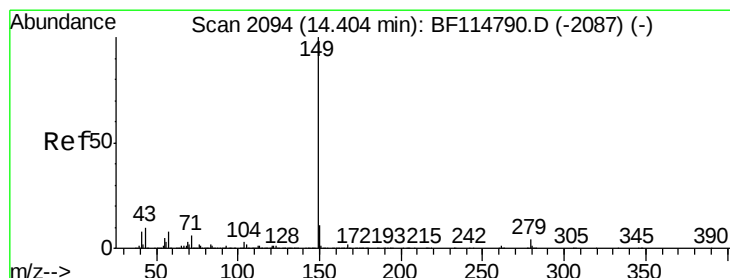
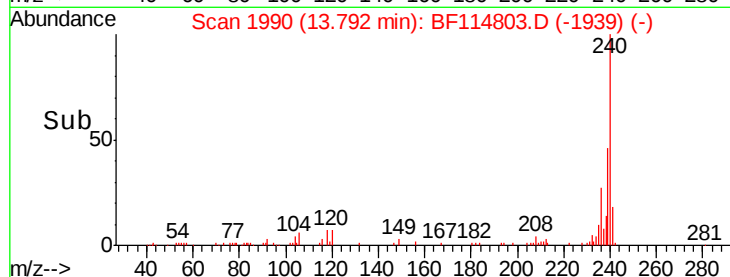
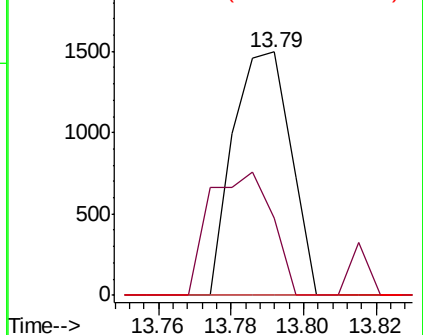
279 0.0 3.1 4.7#



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: 0.012 ng

RT: 14.39 min Scan# 2091

Delta R.T. -0.02 min

Lab File: BF114803.D

Acq: 4 Jun 2019 20:47

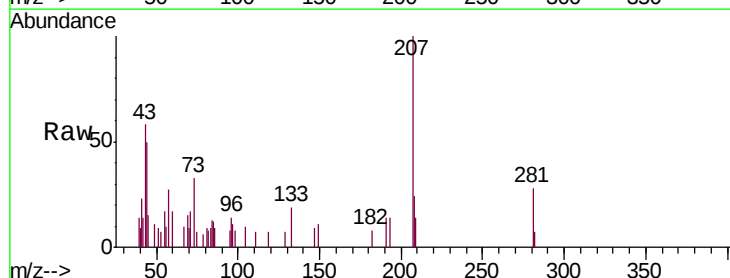
Tgt Ion:149 Resp: 773

Ion Ratio Lower Upper

149 100

167 15.7 1.4 2.0#

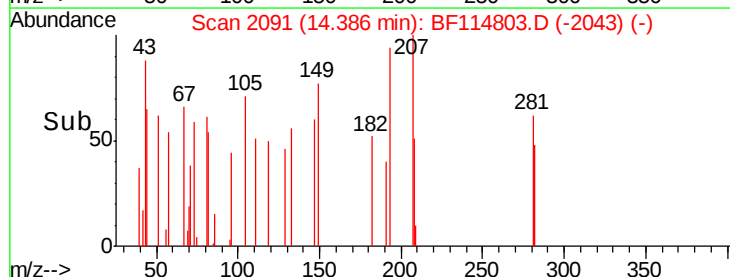
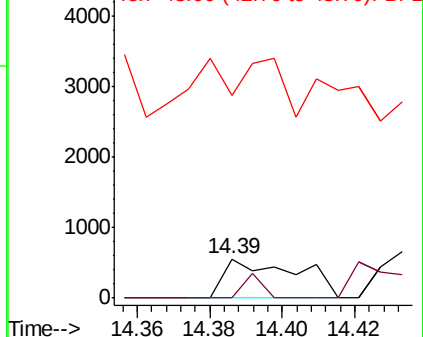
43 0.0 7.0 10.6#

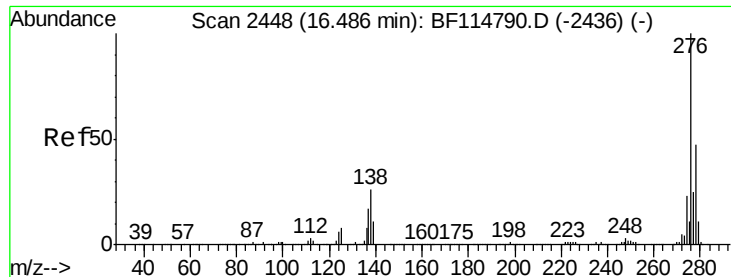


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

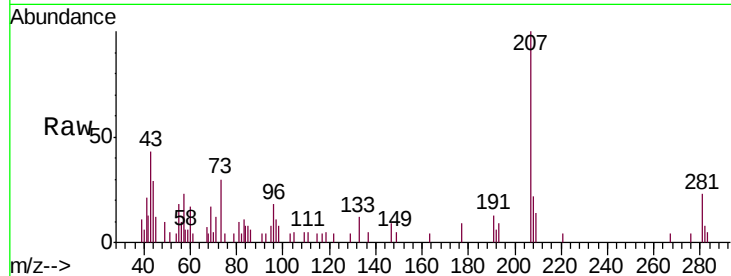




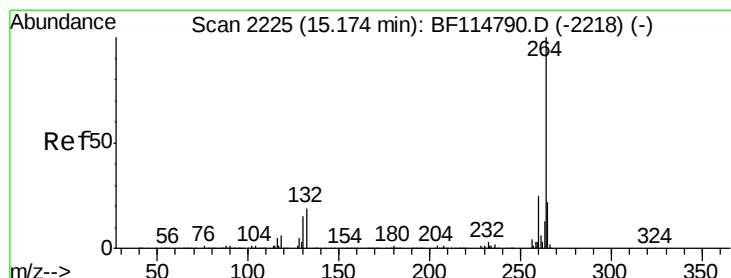
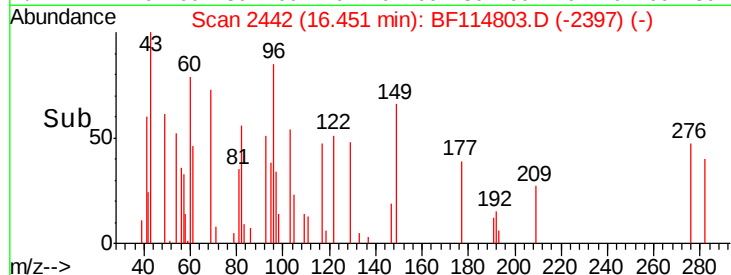
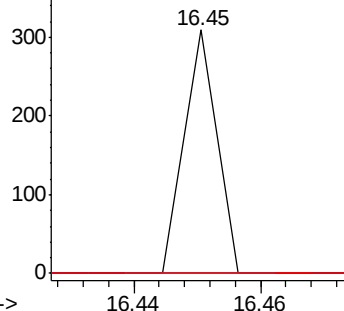
#86
 Indeno(1,2,3-cd)pyrene
 Concen: 0.002 ng
 RT: 16.45 min Scan# 2442
 Delta R.T. -0.04 min
 Lab File: BF114803.D
 Acq: 4 Jun 2019 20:47

Instrument :
 BNA_F
 ClientSampleId :
 TP-1A-D

Tgt Ion: 276 Resp: 109
 Ion Ratio Lower Upper
 276 100
 138 0.0 22.2 33.4#
 277 0.0 20.6 30.8#

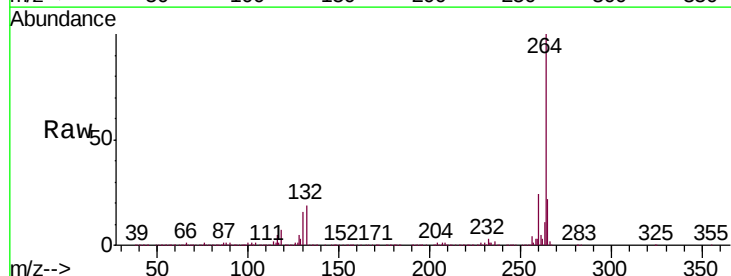


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

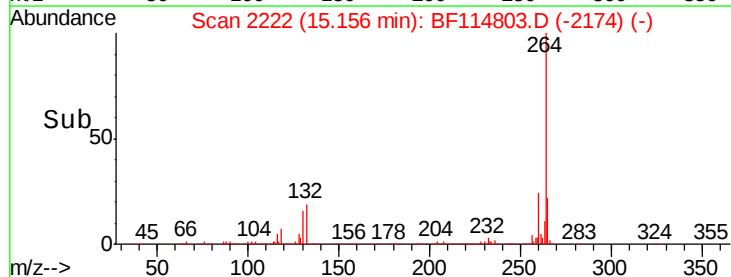
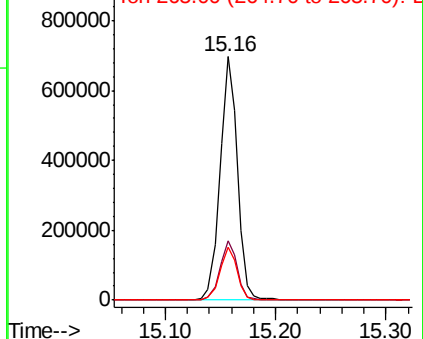


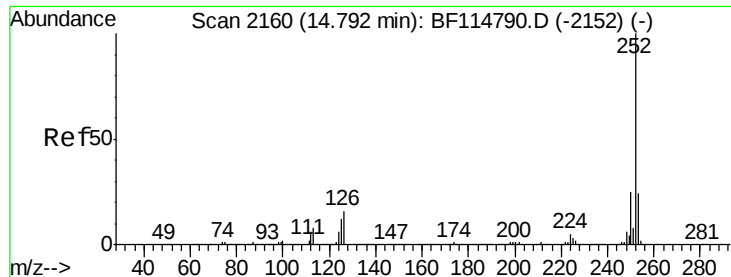
#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.16 min Scan# 2222
 Delta R.T. -0.02 min
 Lab File: BF114803.D
 Acq: 4 Jun 2019 20:47

Tgt Ion: 264 Resp: 760861
 Ion Ratio Lower Upper
 264 100
 260 24.3 20.1 30.1
 265 22.0 17.7 26.5



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E





#88

Benzo(b)fluoranthene

Concen: 0.003 ng

RT: 14.77 min Scan# 2157

Delta R.T. -0.02 min

Lab File: BF114803.D

Acq: 4 Jun 2019 20:47

Instrument :

BNA_F

ClientSampleId :

TP-1A-D

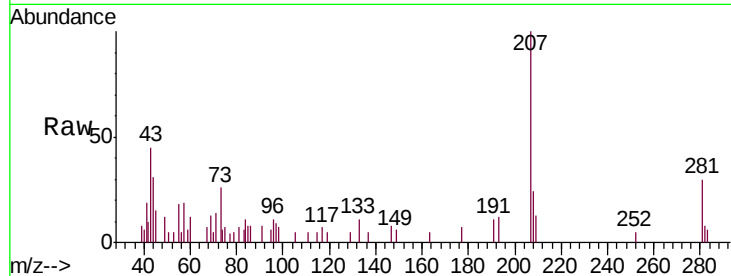
Tgt Ion:252 Resp: 140

Ion Ratio Lower Upper

252 100

253 0.0 19.0 28.6#

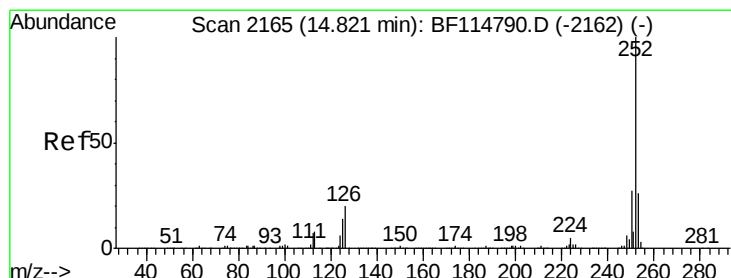
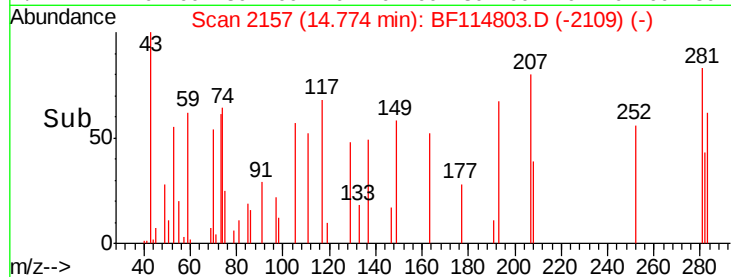
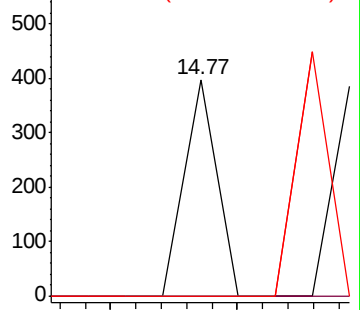
125 0.0 9.4 14.0#



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



#89

Benzo(k)fluoranthene

Concen: 0.003 ng

RT: 14.80 min Scan# 2161

Delta R.T. -0.02 min

Lab File: BF114803.D

Acq: 4 Jun 2019 20:47

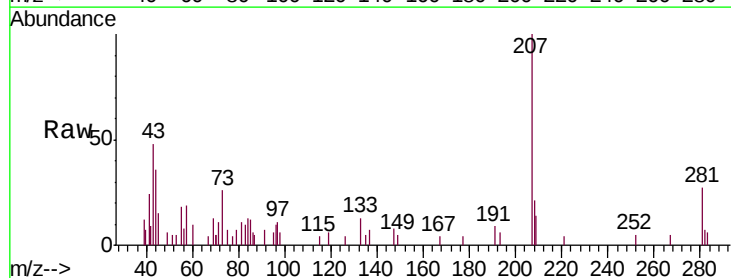
Tgt Ion:252 Resp: 136

Ion Ratio Lower Upper

252 100

253 0.0 19.3 28.9#

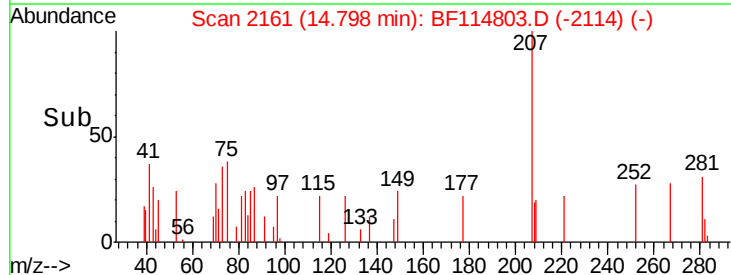
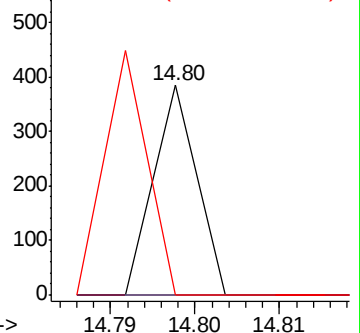
125 0.0 10.1 15.1#

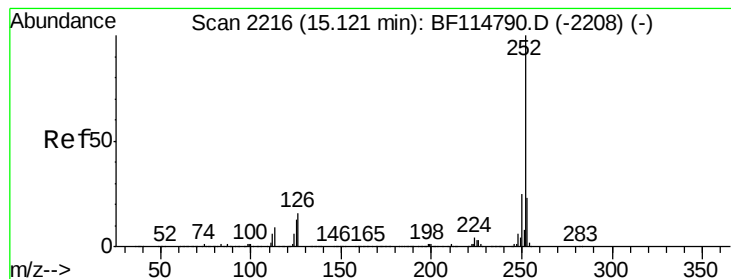


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Benzo(a)pyrene

Concen: 0.059 ng

RT: 15.16 min Scan# 2222

Delta R.T. 0.04 min

Lab File: BF114803.D

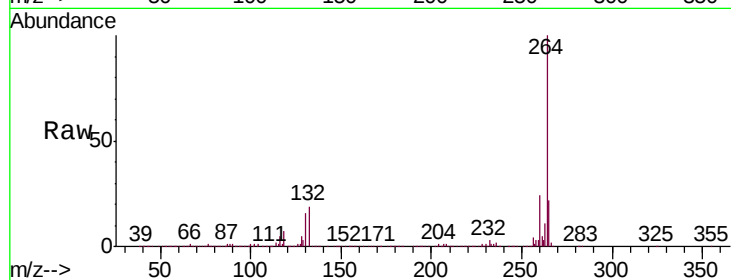
Acq: 4 Jun 2019 20:47

Instrument :

BNA_F

ClientSampleId :

TP-1A-D



Tgt Ion:	252	Resp:	2470
Ion	Ratio	Lower	Upper
252	100		
253	24.7	18.5	27.7
125	23.5	10.1	15.1#

