

Data File : BF108838.D
Acq On : 6 Sep 2018 22:04
Operator : JU/SJ
Sample : J4803-11
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EP1-Q2-H6

Quant Time: Sep 07 01:46:50 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF090518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 05 18:03:31 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	211974	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	783606	20.00	ng	0.00
38) Acenaphthene-d10	9.77	164	389479	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	627413	20.00	ng	0.00
75) Chrysene-d12	13.87	240	531655	20.00	ng	0.00
86) Perylene-d12	15.27	264	641722	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	892140	69.72	ng	0.00
7) Phenol-d6	6.37	99	1122117	68.16	ng	0.00
23) Nitrobenzene-d5	7.30	82	722833	57.73	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	224106	60.27	ng	0.00
44) 2-Fluorobiphenyl	9.09	172	1235223	54.10	ng	0.00
78) Terphenyl-d14	12.82	244	951917	41.75	ng	0.00

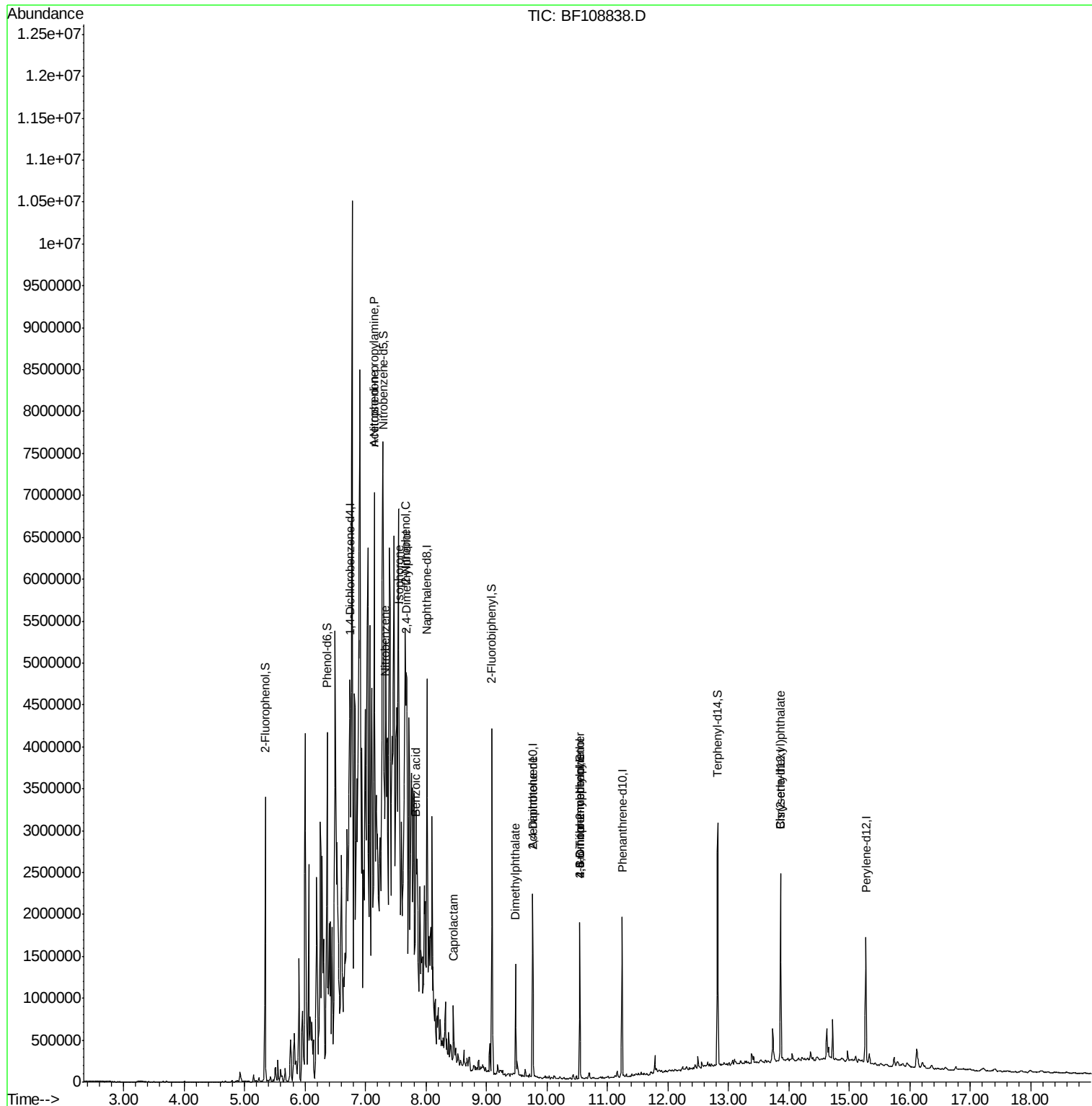
Target Compounds				Qvalue		
19) n-Nitroso-di-n-propylamine	7.15	70	45331	3.961	ng	# 59
22) Acetophenone	7.14	105	249273	14.017	ng	# 48
24) Nitrobenzene	7.32	77	43172	3.213	ng	# 62
25) Isophorone	7.56	82	154286	6.177	ng	# 1
26) 2-Nitrophenol	7.66	139	21068	3.980	ng	# 1
27) 2,4-Dimethylphenol	7.69	122	23314	2.169	ng	# 16
32) Benzoic acid	7.82	122	12512	5.867	ng	# 8
35) Caprolactam	8.46	113	14169	3.773	ng	# 64
49) Dimethylphthalate	9.48	163	444871	16.331	ng	# 99
56) 2,4-Dinitrotoluene	9.77	165	49651	7.479	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.55	198	522	7.050	ng	# 1
66) 4-Bromophenyl-phenylether	10.55	248	14317	2.020	ng	# 1
83) Bis(2-ethylhexyl)phthalate	13.87	149	174999	7.559	ng	98

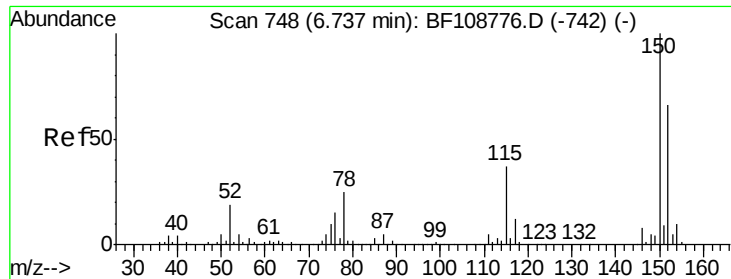
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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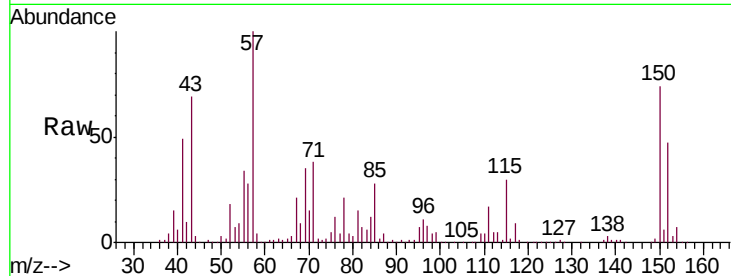


#1

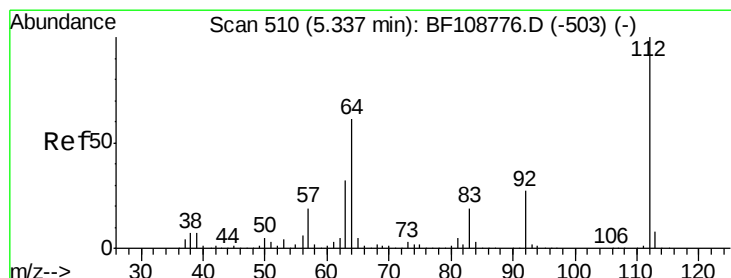
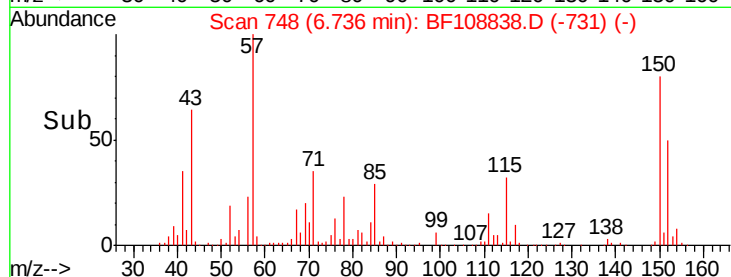
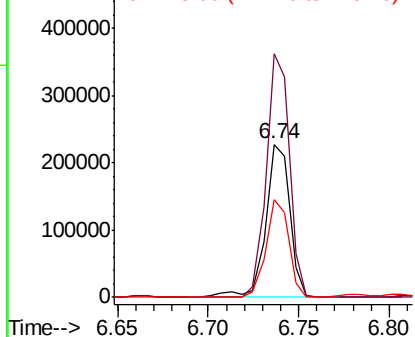
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.74 min Scan# 748
Delta R.T. -0.00 min
Lab File: BF108838.D
Acq: 6 Sep 2018 22:04

Instrument :
BNA_F
ClientSampleId :
EP1-Q2-H6

Tgt Ion:152 Resp: 211974
Ion Ratio Lower Upper
152 100
150 159.3 124.6 186.8
115 63.8 50.1 75.1



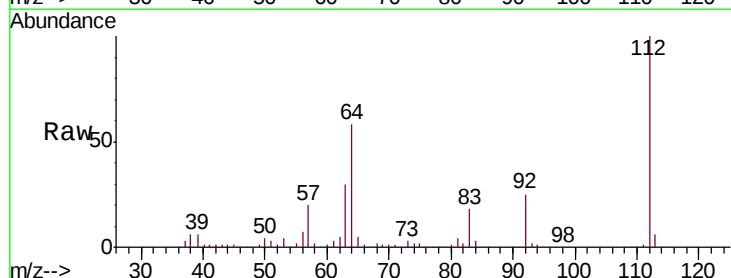
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



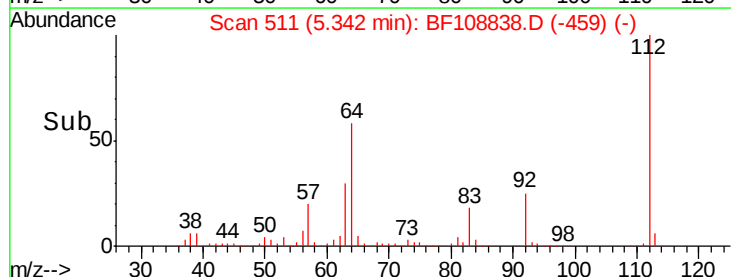
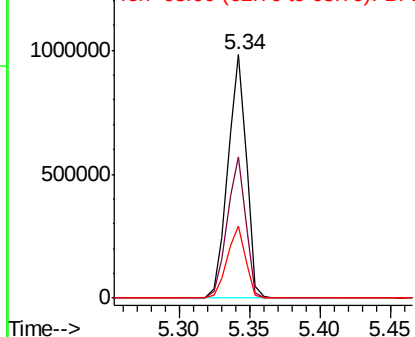
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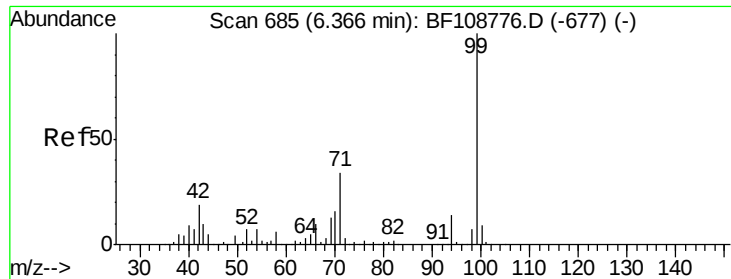
2-Fluorophenol
Concen: 69.725 ng
RT: 5.34 min Scan# 511
Delta R.T. 0.01 min
Lab File: BF108838.D
Acq: 6 Sep 2018 22:04

Tgt Ion:112 Resp: 892140
Ion Ratio Lower Upper
112 100
64 58.0 47.9 71.9
63 29.7 23.7 35.5



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





#7

Phenol-d6

Concen: 68.160 ng

RT: 6.37 min Scan# 685

Delta R.T. -0.00 min

Lab File: BF108838.D

Acq: 6 Sep 2018 22:04

Instrument :

BNA_F

ClientSampleId :

EP1-Q2-H6

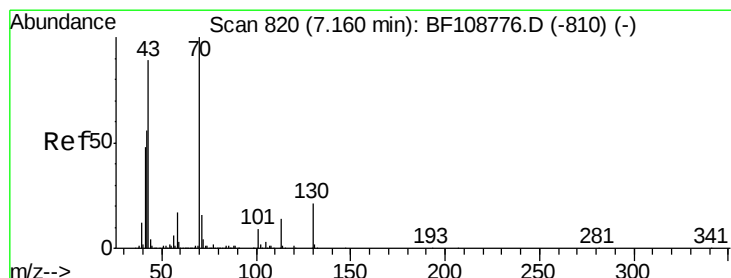
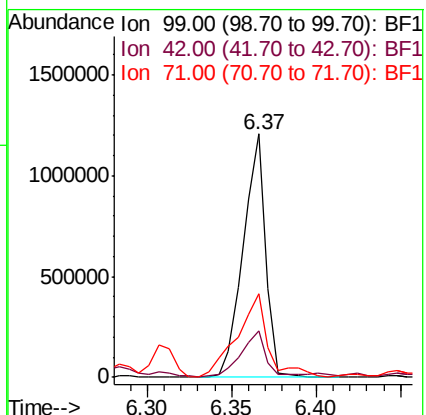
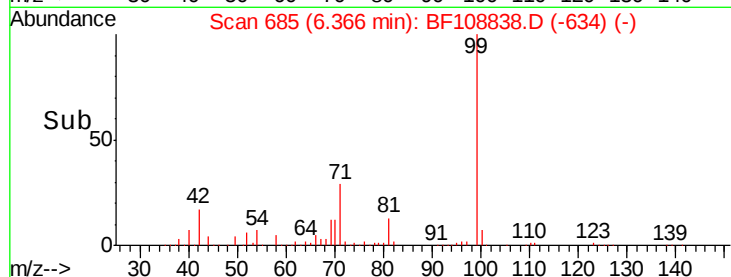
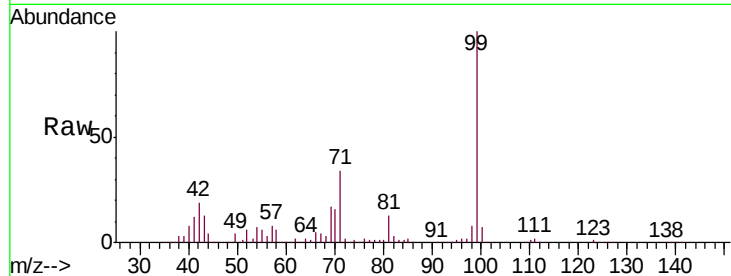
Tgt Ion: 99 Resp: 1122117

Ion Ratio Lower Upper

99 100

42 19.3 14.5 21.7

71 34.2 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 3.961 ng

RT: 7.15 min Scan# 818

Delta R.T. -0.01 min

Lab File: BF108838.D

Acq: 6 Sep 2018 22:04

Tgt Ion: 70 Resp: 45331

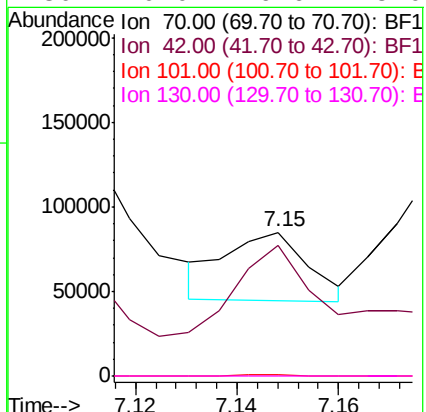
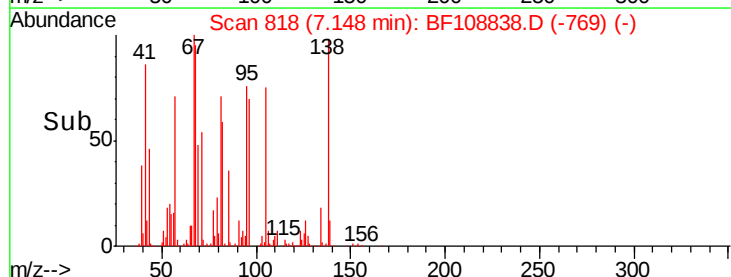
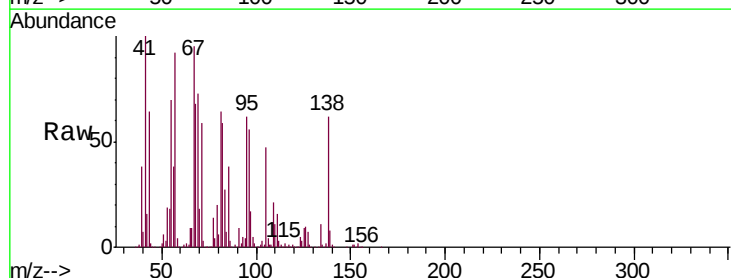
Ion Ratio Lower Upper

70 100

42 91.2 47.5 71.3#

101 0.6 7.4 11.2#

130 0.0 16.6 25.0#

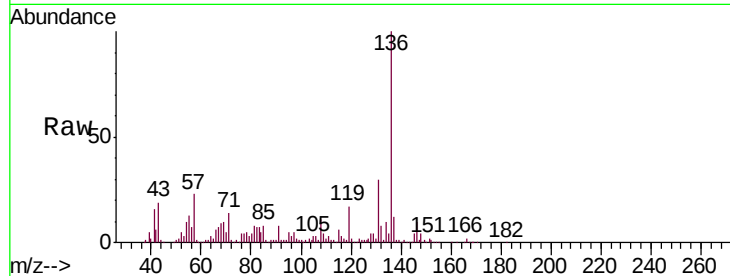




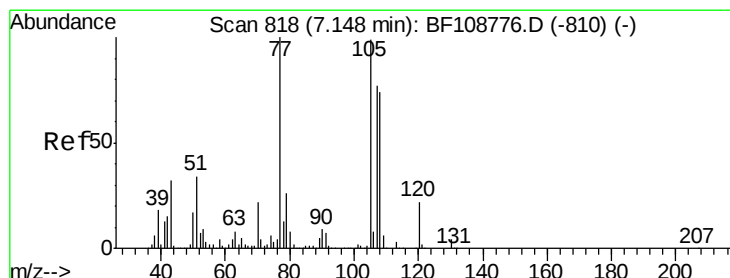
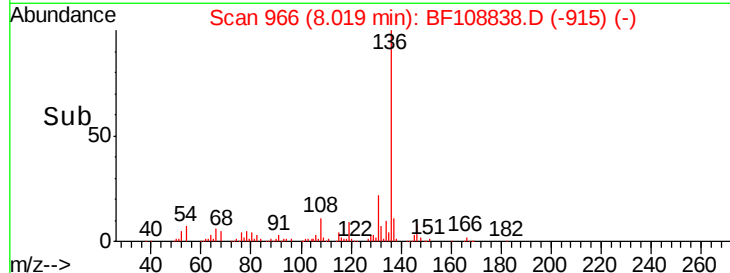
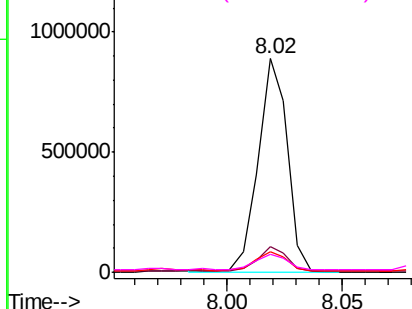
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 966
Delta R.T. -0.00 min
Lab File: BF108838.D
Acq: 6 Sep 2018 22:04

Instrument :
BNA_F
ClientSampleId :
EP1-Q2-H6

Tgt Ion:	136	Resp:	783606
Ion Ratio	Lower	Upper	
136	100		
137	11.9	8.9	13.3
54	9.8	6.6	9.8
68	8.6	5.0	7.4#

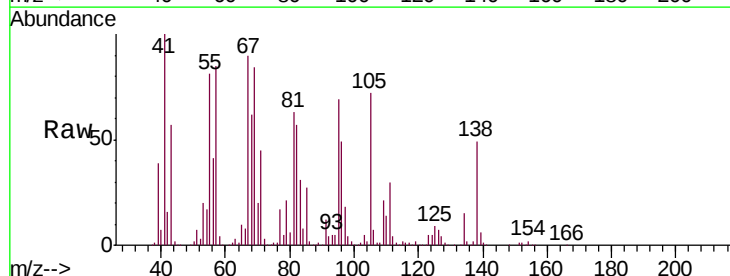


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

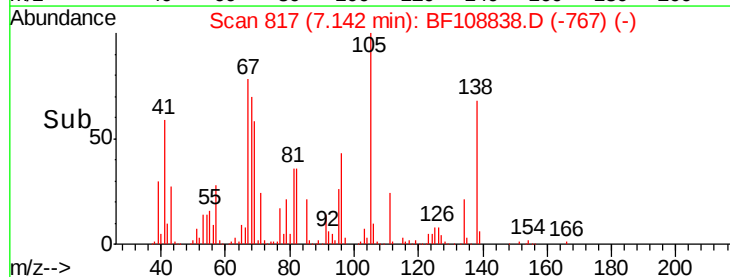
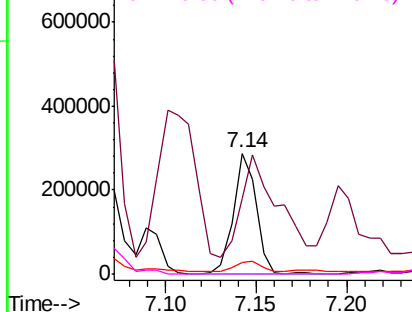


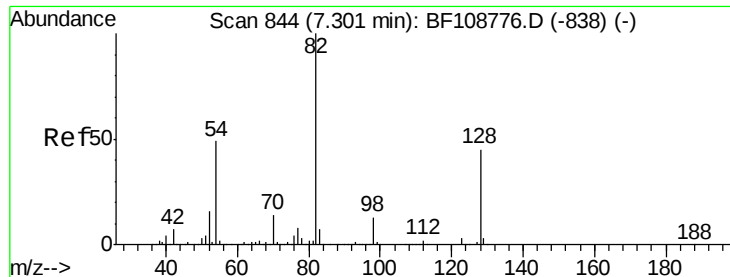
#22
Acetophenone
Concen: 14.017 ng
RT: 7.14 min Scan# 817
Delta R.T. -0.01 min
Lab File: BF108838.D
Acq: 6 Sep 2018 22:04

Tgt Ion:	105	Resp:	249273
Ion Ratio	Lower	Upper	
105	100		
71	62.8	4.4	6.6#
51	9.9	22.3	33.5#
120	0.3	16.9	25.3#



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

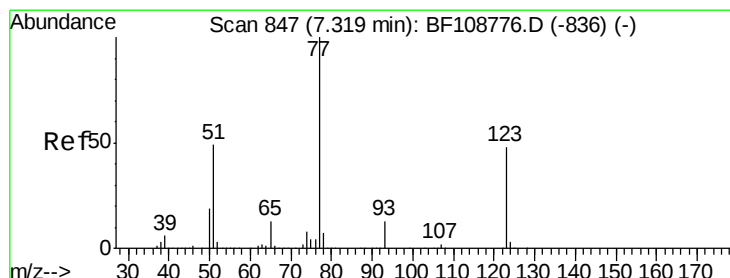
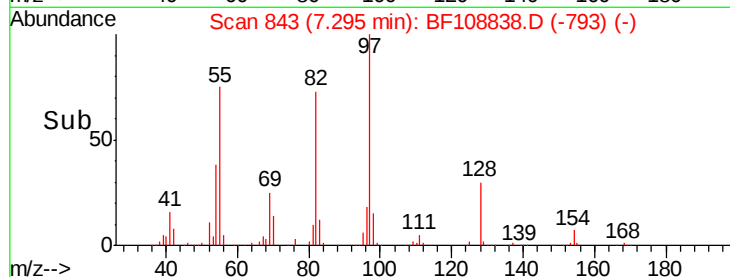
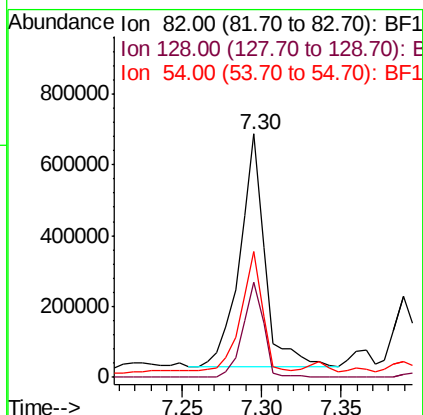
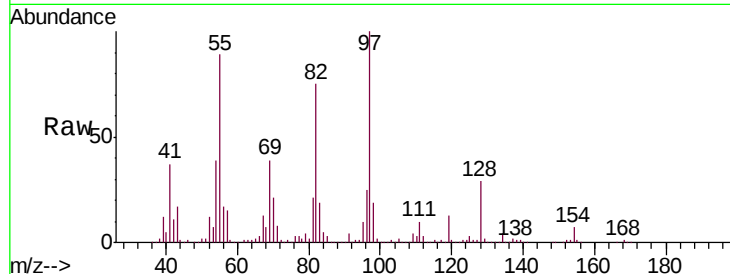




#23
Nitrobenzene-d5
Concen: 57.727 ng
RT: 7.30 min Scan# 843
Delta R.T. -0.01 min
Lab File: BF108838.D
Acq: 6 Sep 2018 22:04

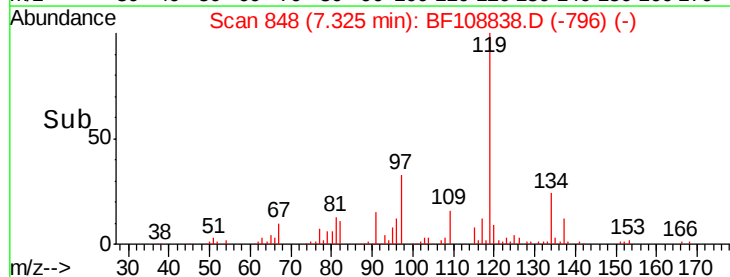
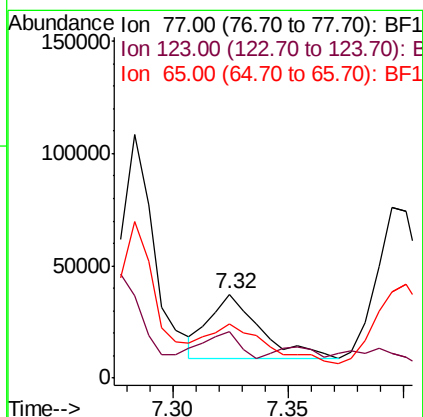
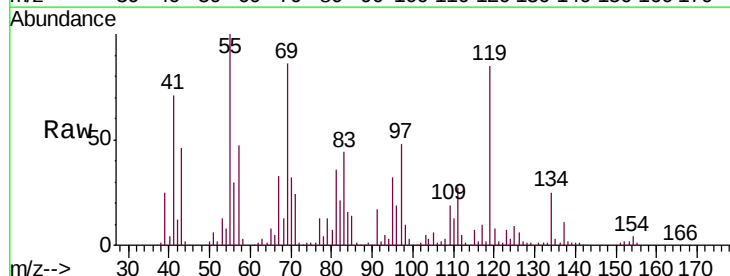
Instrument :
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EP1-Q2-H6

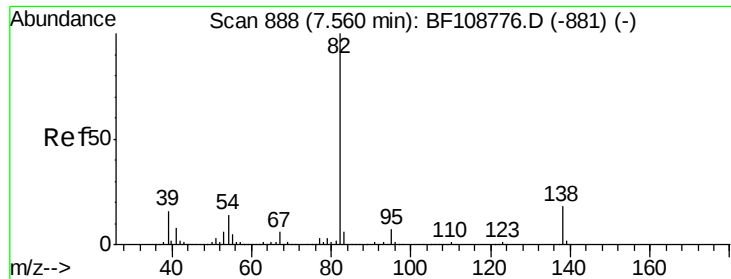
Tgt Ion	Ratio	Lower	Upper
82	100		
128	39.2	36.1	54.1
54	51.5	41.4	62.2



#24
Nitrobenzene
Concen: 3.213 ng
RT: 7.32 min Scan# 848
Delta R.T. 0.01 min
Lab File: BF108838.D
Acq: 6 Sep 2018 22:04

Tgt Ion	Ratio	Lower	Upper
77	100		
123	55.9	37.9	56.9
65	64.7	11.0	16.4





#25

Isophorone

Concen: 6.177 ng

RT: 7.56 min Scan# 888

Delta R.T. -0.00 min

Lab File: BF108838.D

Acq: 6 Sep 2018 22:04

Instrument :

BNA_F

ClientSampleId :

EP1-Q2-H6

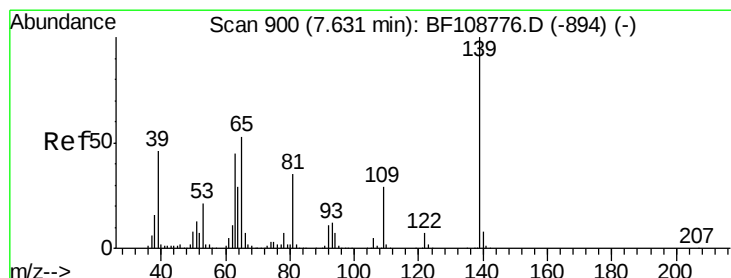
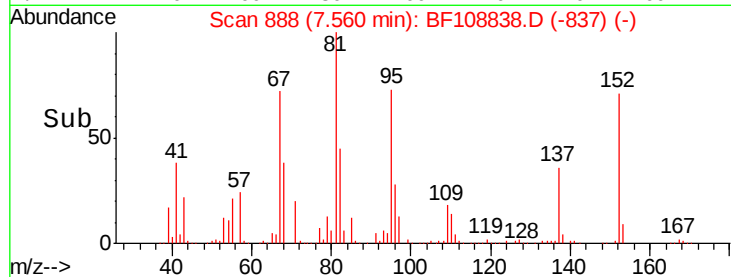
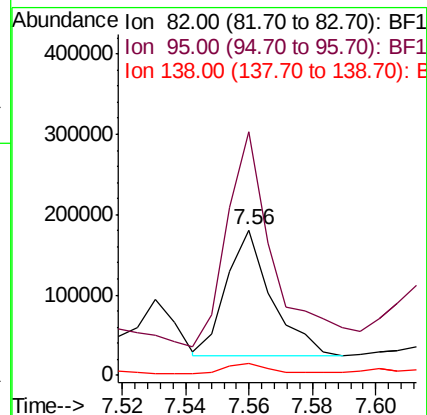
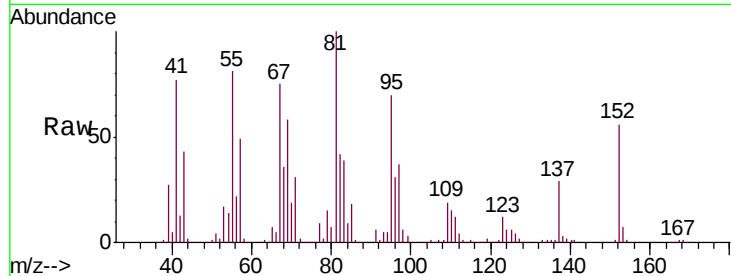
Tgt Ion: 82 Resp: 154286

Ion Ratio Lower Upper

82 100

95 167.5 5.2 7.8#

138 8.1 14.9 22.3#



#26

2-Nitrophenol

Concen: 3.980 ng

RT: 7.66 min Scan# 905

Delta R.T. 0.03 min

Lab File: BF108838.D

Acq: 6 Sep 2018 22:04

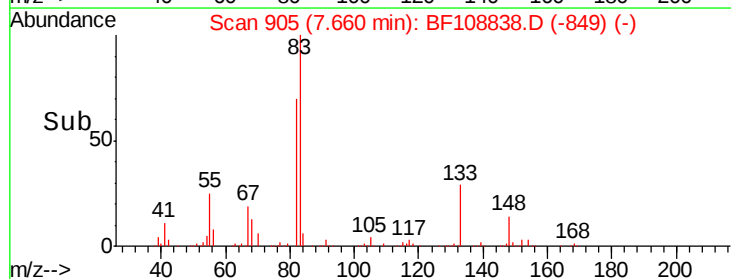
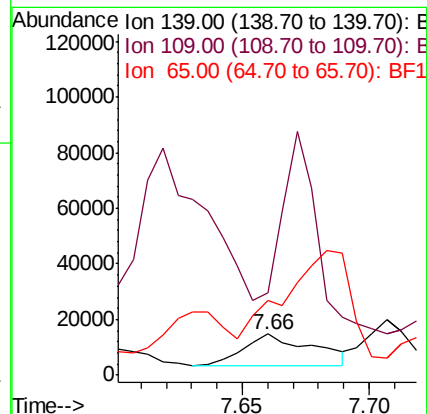
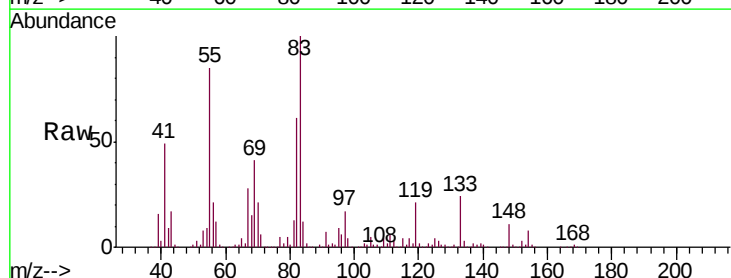
Tgt Ion: 139 Resp: 21068

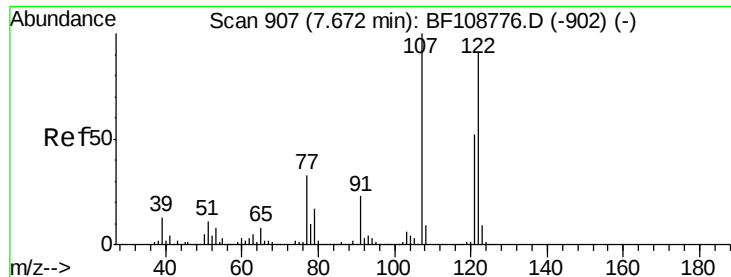
Ion Ratio Lower Upper

139 100

109 200.0 22.7 34.1#

65 183.1 40.5 60.7#





#27

2,4-Dimethylphenol

Concen: 2.169 ng

RT: 7.69 min Scan# 910

Delta R.T. 0.02 min

Lab File: BF108838.D

Acq: 6 Sep 2018 22:04

Instrument :

BNA_F

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EP1-Q2-H6

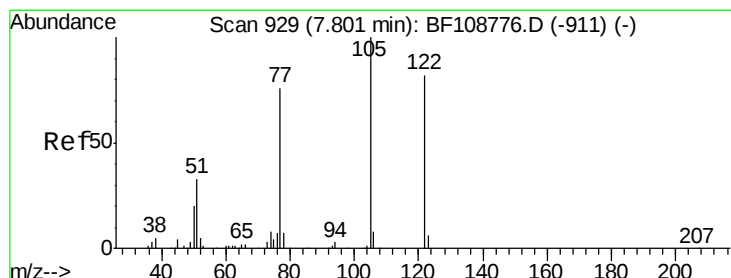
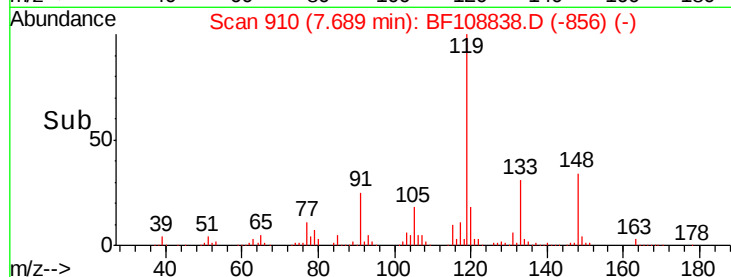
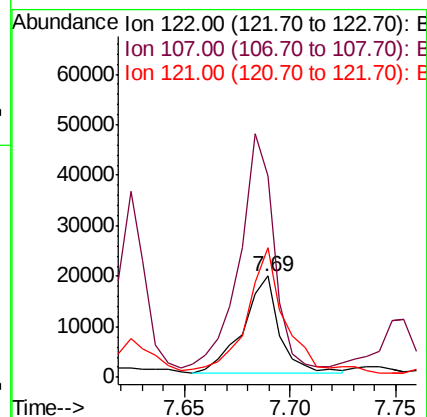
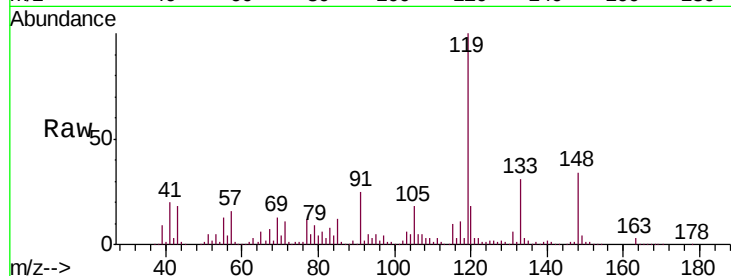
Tgt Ion:122 Resp: 23314

Ion Ratio Lower Upper

122 100

107 199.3 91.2 136.8#

121 128.7 47.2 70.8#



#32

Benzoic acid

Concen: 5.867 ng

RT: 7.82 min Scan# 933

Delta R.T. 0.02 min

Lab File: BF108838.D

Acq: 6 Sep 2018 22:04

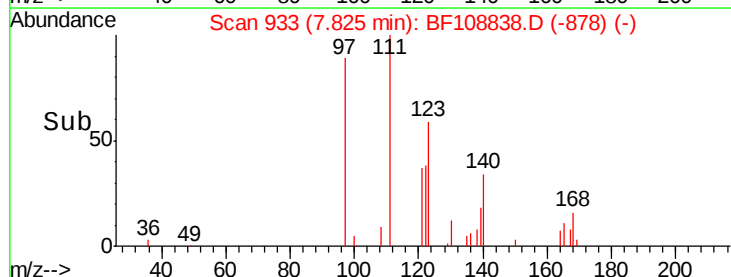
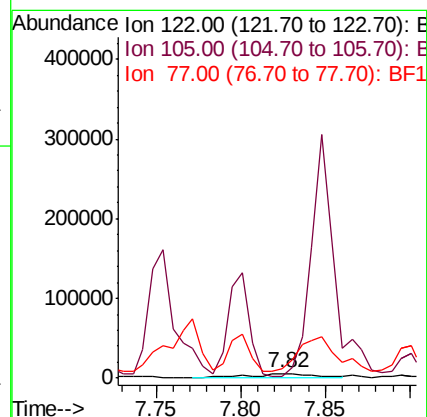
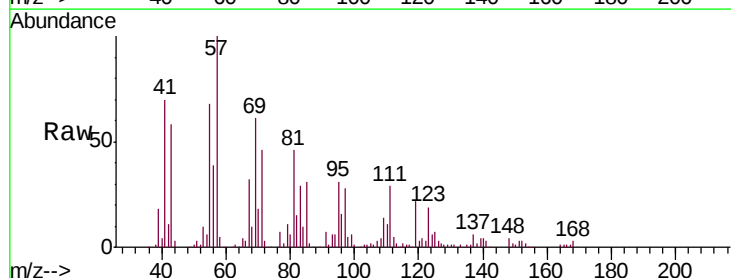
Tgt Ion:122 Resp: 12512

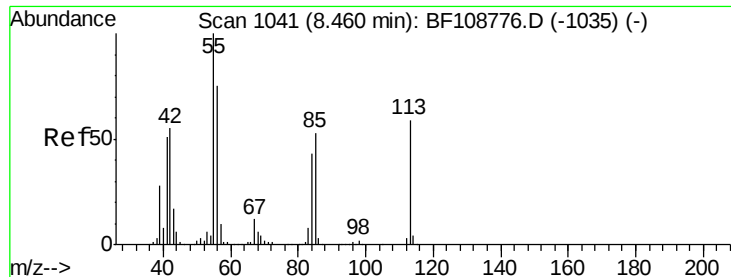
Ion Ratio Lower Upper

122 100

105 47.4 101.1 141.1#

77 211.2 70.7 110.7#

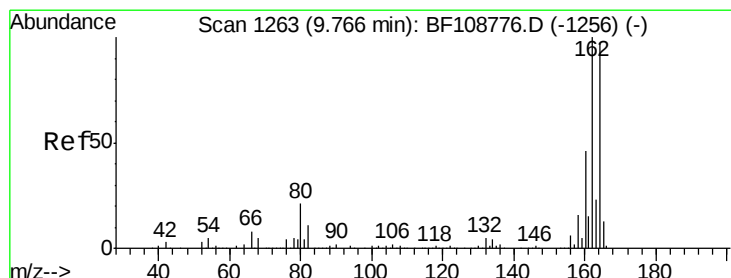
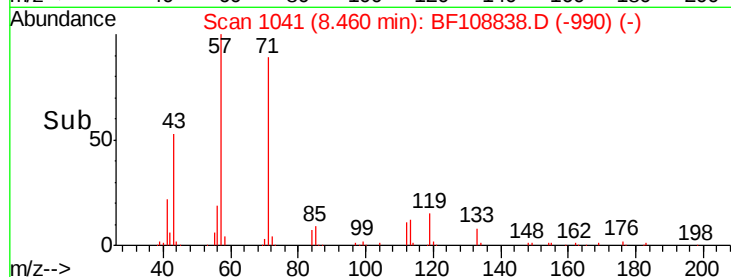
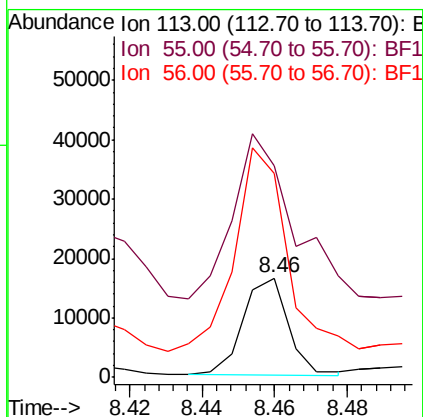
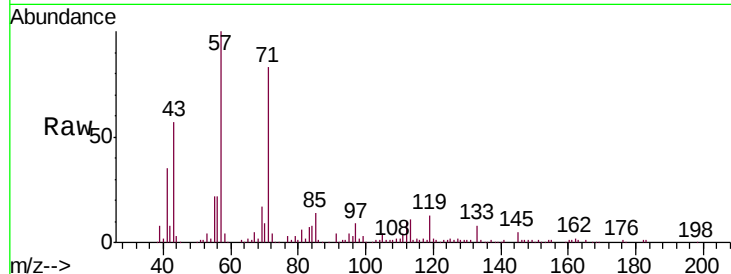




#35
 Caprolactam
 Concen: 3.773 ng
 RT: 8.46 min Scan# 1041
 Delta R.T. -0.00 min
 Lab File: BF108838.D
 Acq: 6 Sep 2018 22:04

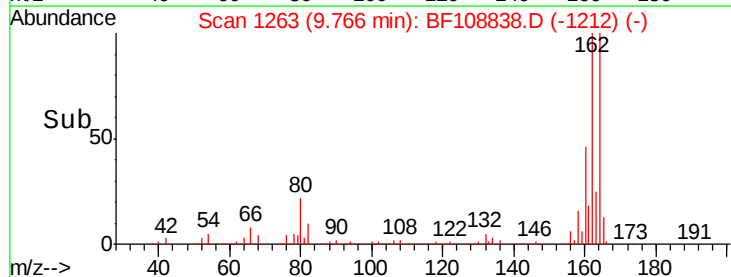
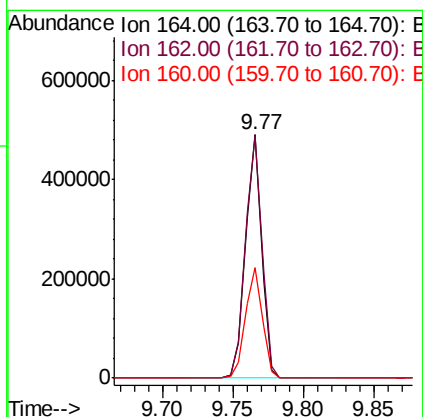
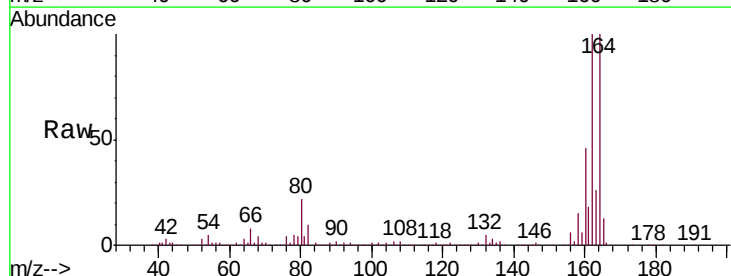
Instrument :
 BNA_F
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 EP1-Q2-H6

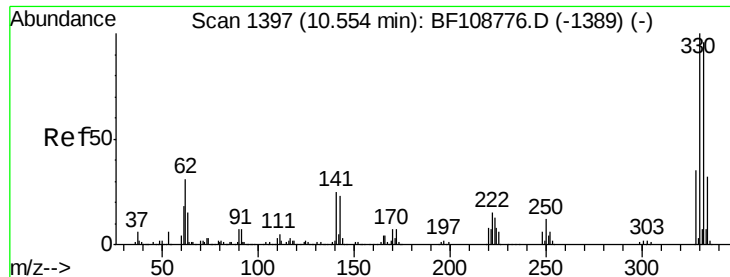
Tgt Ion:113 Resp: 14169
 Ion Ratio Lower Upper
 113 100
 55 212.0 163.3 203.3#
 56 205.0 115.7 155.7#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.77 min Scan# 1263
 Delta R.T. -0.00 min
 Lab File: BF108838.D
 Acq: 6 Sep 2018 22:04

Tgt Ion:164 Resp: 389479
 Ion Ratio Lower Upper
 164 100
 162 99.7 86.1 129.1
 160 45.6 38.3 57.5

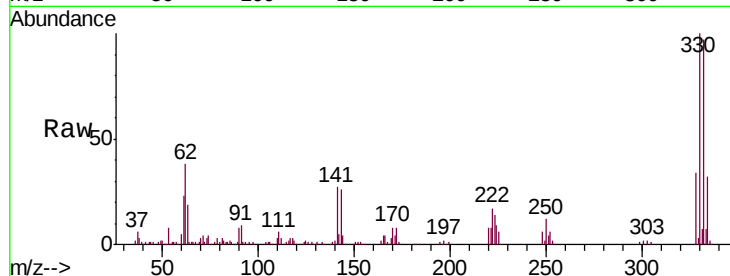




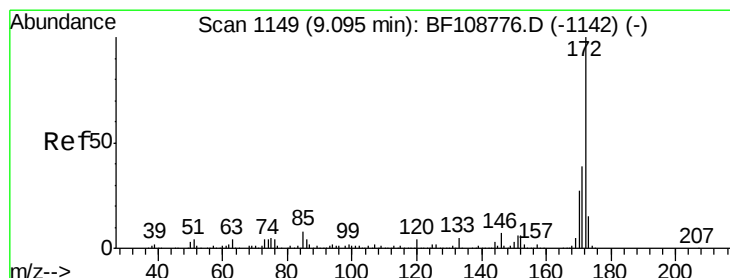
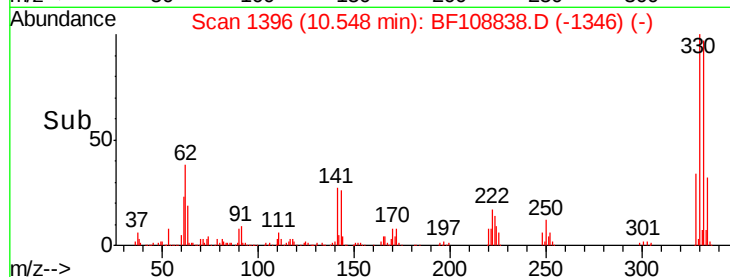
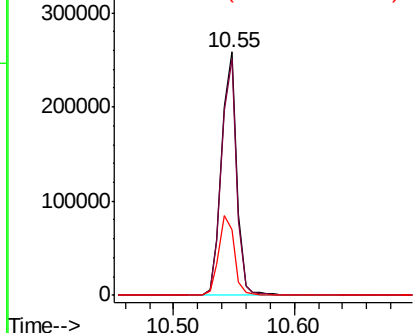
#41
 2,4,6-Tribromophenol
 Concen: 60.273 ng
 RT: 10.55 min Scan# 1396
 Delta R.T. -0.01 min
 Lab File: BF108838.D
 Acq: 6 Sep 2018 22:04

Instrument :
 BNA_F
 ClientSampleId :
 EP1-Q2-H6

Tgt Ion:330 Resp: 224106
 Ion Ratio Lower Upper
 330 100
 332 96.5 77.0 115.6
 141 33.9 29.9 44.9

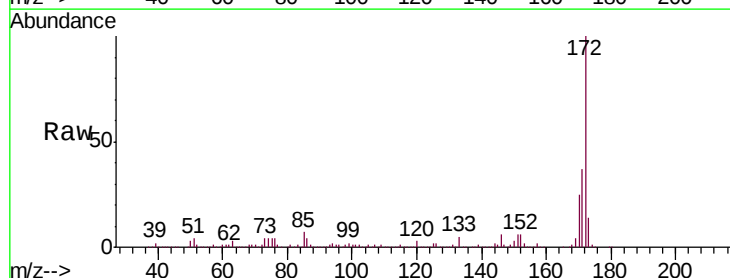


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

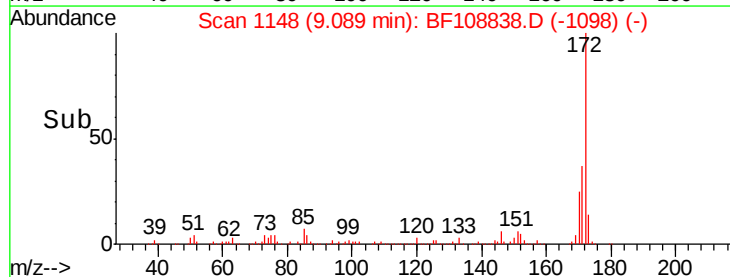
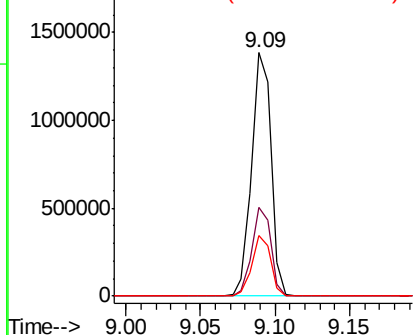


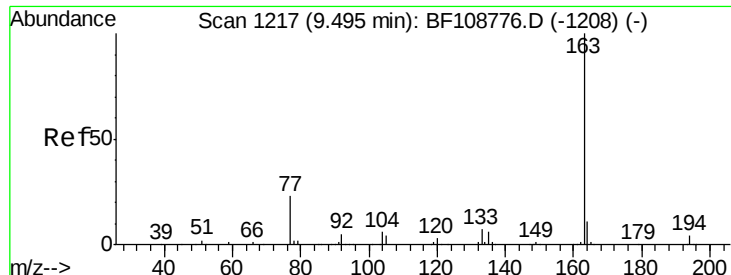
#44
 2-Fluorobiphenyl
 Concen: 54.105 ng
 RT: 9.09 min Scan# 1148
 Delta R.T. -0.01 min
 Lab File: BF108838.D
 Acq: 6 Sep 2018 22:04

Tgt Ion:172 Resp: 1235223
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.7 44.5
 170 24.9 19.6 29.4



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

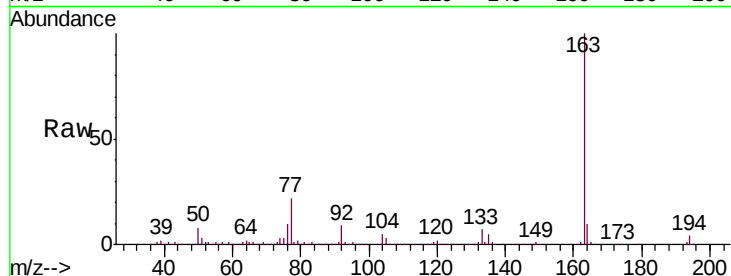




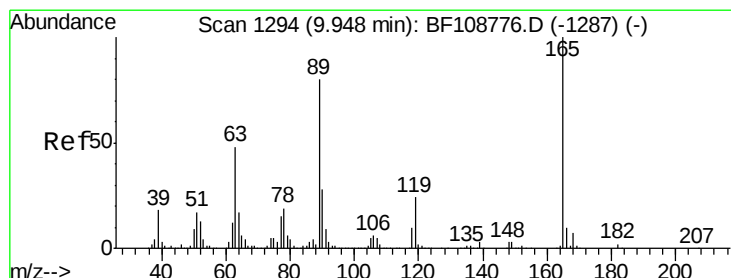
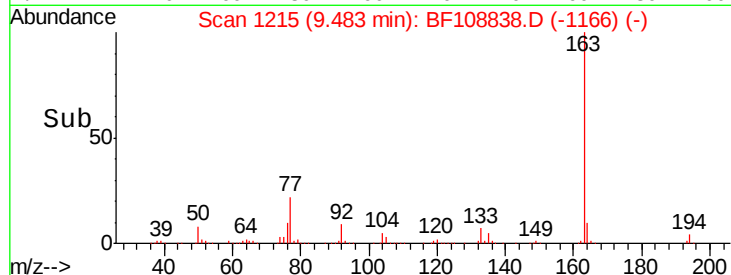
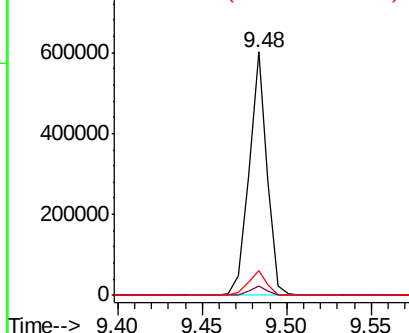
#49
Dimethylphthalate
Concen: 16.331 ng
RT: 9.48 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BF108838.D
Acq: 6 Sep 2018 22:04

Instrument :
BNA_F
ClientSampleId :
EP1-Q2-H6

Tgt Ion:163 Resp: 444871
Ion Ratio Lower Upper
163 100
194 3.9 2.7 4.1
164 10.3 8.2 12.2

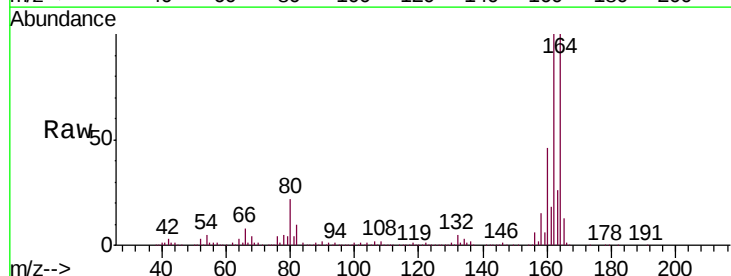


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

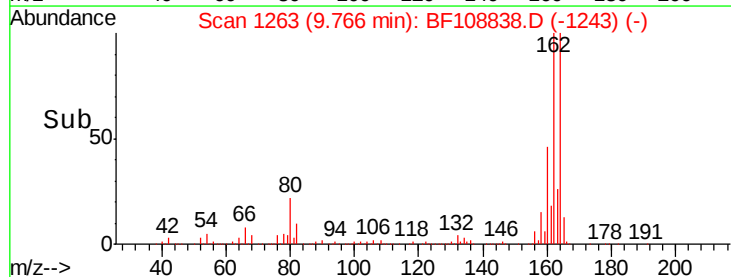
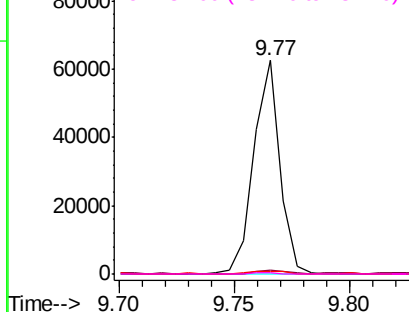


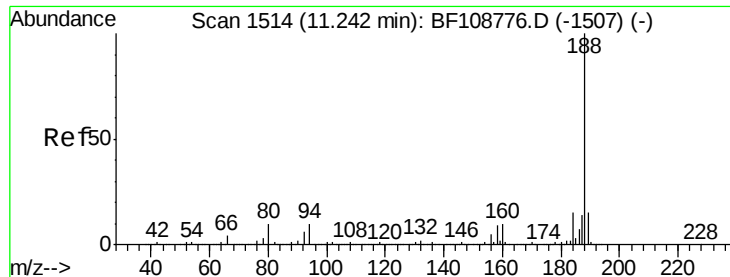
#56
2,4-Dinitrotoluene
Concen: 7.479 ng
RT: 9.77 min Scan# 1263
Delta R.T. -0.18 min
Lab File: BF108838.D
Acq: 6 Sep 2018 22:04

Tgt Ion:165 Resp: 49651
Ion Ratio Lower Upper
165 100
63 1.6 36.4 54.6#
89 1.4 57.8 86.6#
182 0.5 1.6 2.4#



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

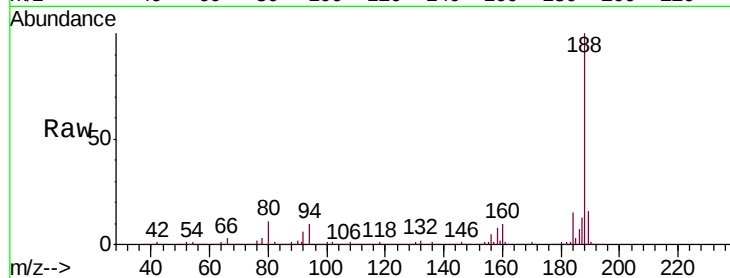




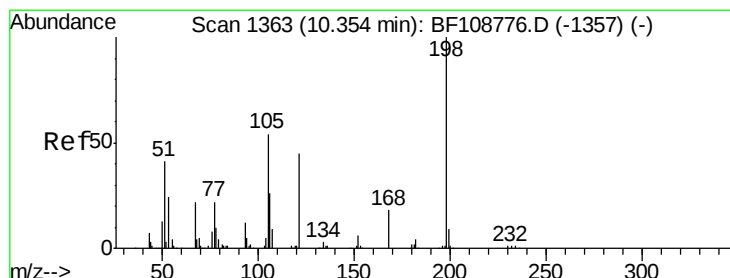
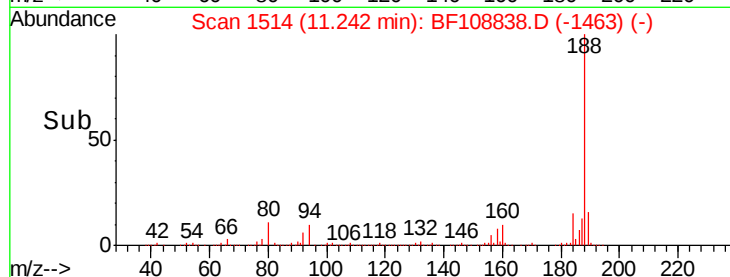
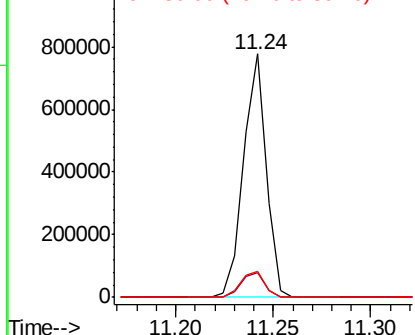
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.24 min Scan# 1514
 Delta R.T. -0.00 min
 Lab File: BF108838.D
 Acq: 6 Sep 2018 22:04

Instrument :
 BNA_F
 ClientSampleId :
 EP1-Q2-H6

Tgt Ion:188 Resp: 627413
 Ion Ratio Lower Upper
 188 100
 94 10.1 8.5 12.7
 80 10.7 9.2 13.8

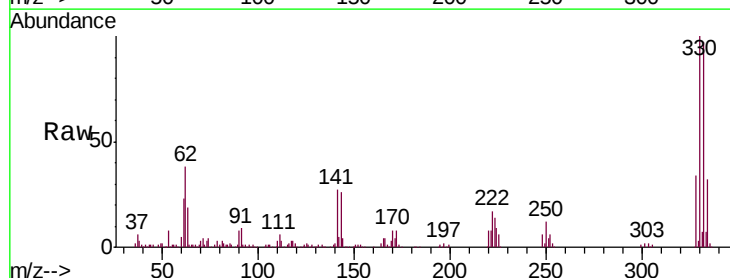


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF1
 Ion 80.00 (79.70 to 80.70): BF1

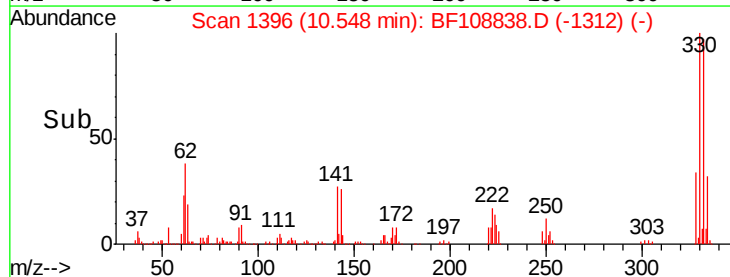
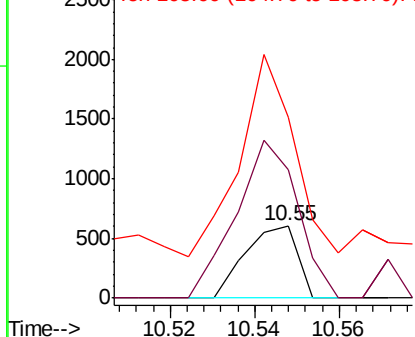


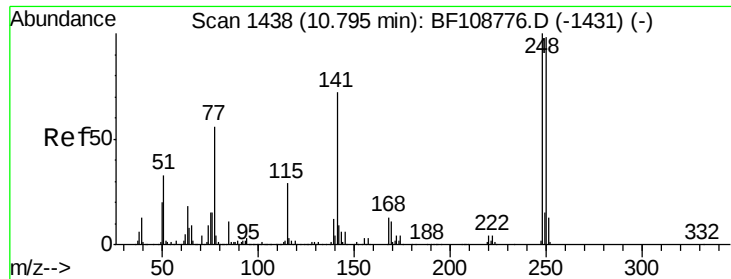
#64
 4,6-Dinitro-2-methylphenol
 Concen: 7.050 ng
 RT: 10.55 min Scan# 1396
 Delta R.T. 0.19 min
 Lab File: BF108838.D
 Acq: 6 Sep 2018 22:04

Tgt Ion:198 Resp: 522
 Ion Ratio Lower Upper
 198 100
 51 178.2 37.7 77.7#
 105 251.4 36.3 76.3#



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

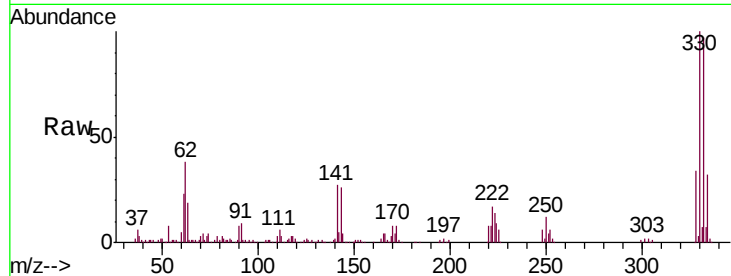




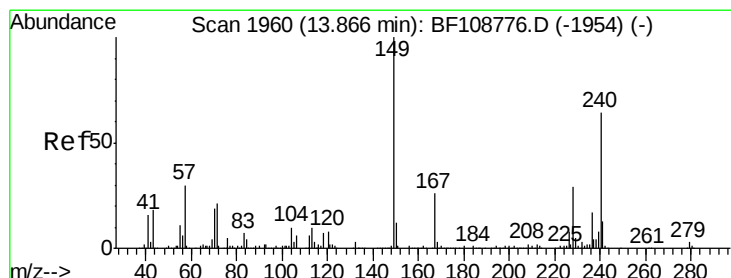
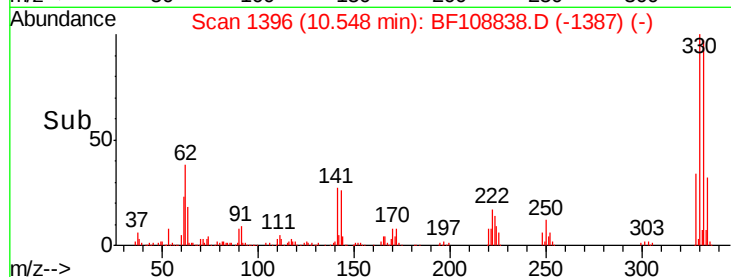
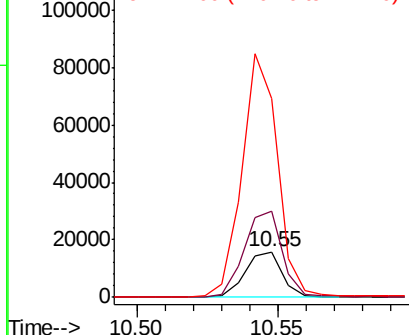
#66
4-Bromophenyl-phenylether
Concen: 2.020 ng
RT: 10.55 min Scan# 1396
Delta R.T. -0.25 min
Lab File: BF108838.D
Acq: 6 Sep 2018 22:04

Instrument :
BNA_F
ClientSampled :
EP1-Q2-H6

Tgt Ion:248 Resp: 14317
Ion Ratio Lower Upper
248 100
250 187.3 76.9 115.3#
141 435.3 74.4 111.6#

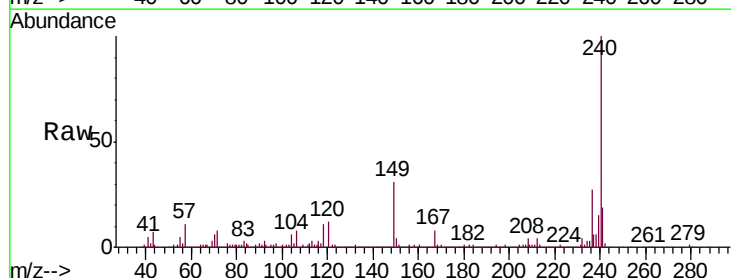


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

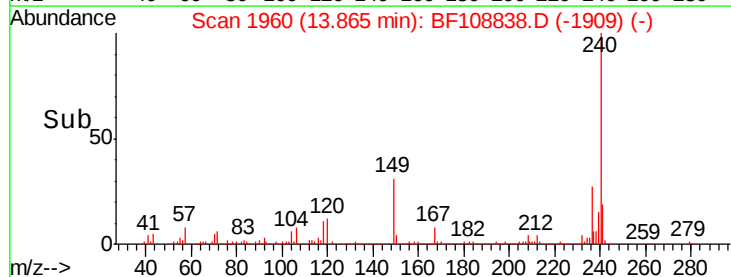
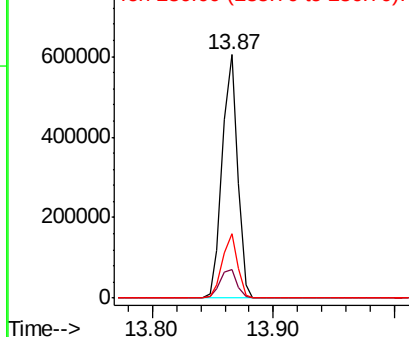


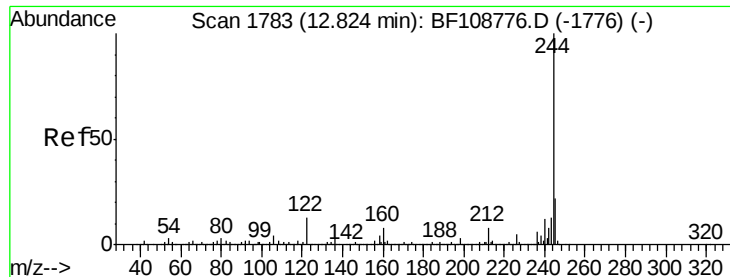
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 1960
Delta R.T. -0.00 min
Lab File: BF108838.D
Acq: 6 Sep 2018 22:04

Tgt Ion:240 Resp: 531655
Ion Ratio Lower Upper
240 100
120 12.0 9.5 14.3
236 26.5 20.7 31.1



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





#78

Terphenyl-d14

Concen: 41.752 ng

RT: 12.82 min Scan# 1783

Delta R.T. 0.00 min

Lab File: BF108838.D

Acq: 6 Sep 2018 22:04

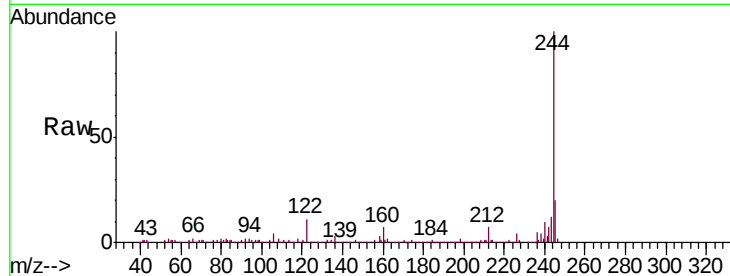
Instrument :

BNA_F

ClientSampled :

EP1-Q2-H6

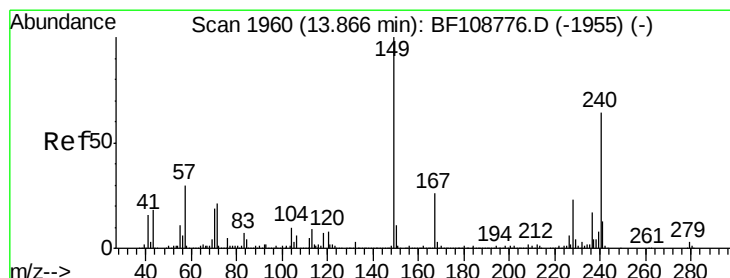
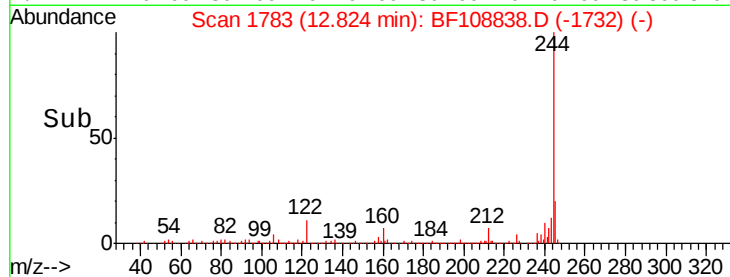
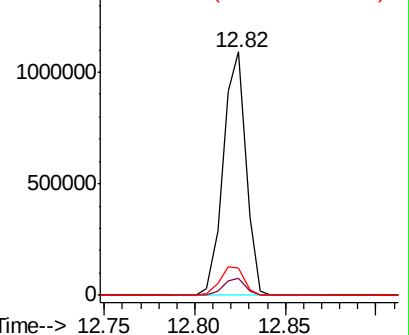
Tgt Ion:	244	Resp:	951917
Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.0
122	11.1	11.0	16.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 7.559 ng

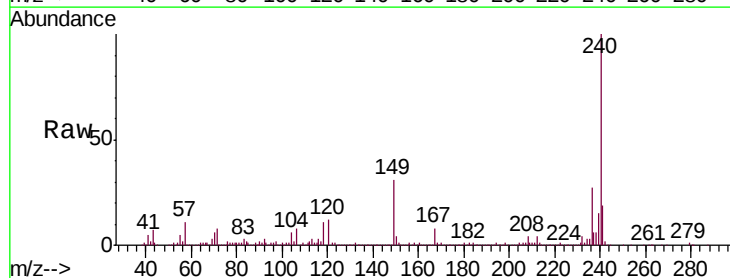
RT: 13.87 min Scan# 1960

Delta R.T. -0.00 min

Lab File: BF108838.D

Acq: 6 Sep 2018 22:04

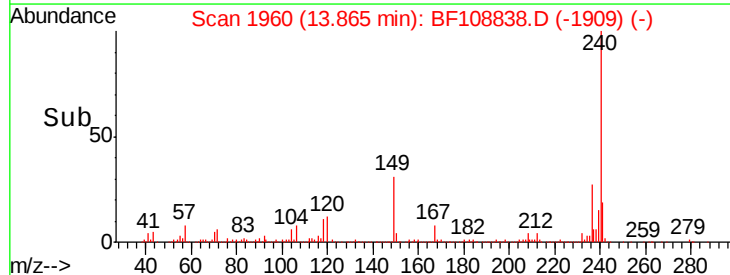
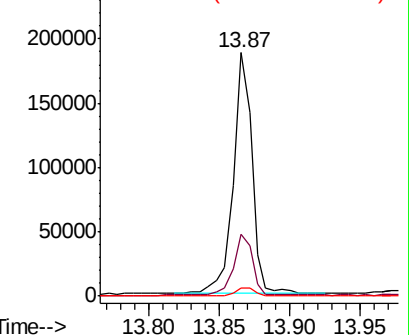
Tgt Ion:	149	Resp:	174999
Ion	Ratio	Lower	Upper
149	100		
167	25.6	21.3	31.9
279	3.3	3.0	4.4

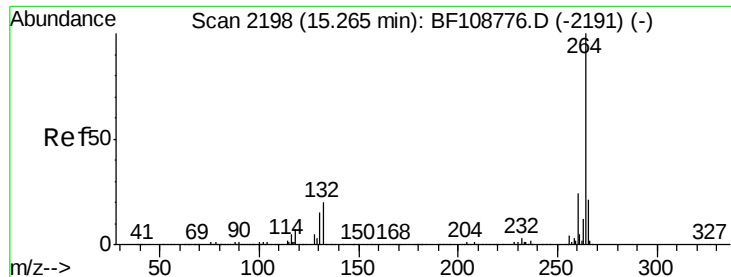


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

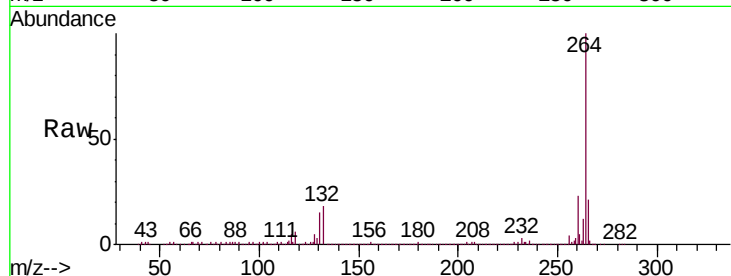




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.27 min Scan# 2199
Delta R.T. 0.01 min
Lab File: BF108838.D
Acq: 6 Sep 2018 22:04

Instrument :
BNA_F
ClientSampleId :
EP1-Q2-H6

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	21.4	17.5	26.3



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

