

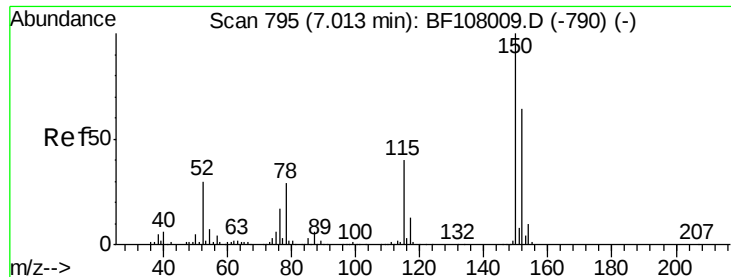
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF082418\
 Data File : BF108477.D
 Acq On : 24 Aug 2018 21:35
 Operator : JU/SJ
 Sample : J4581-14
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EP1-Q3-FD-01

Quant Time: Aug 25 00:31:28 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 22 11:01:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	124895	20.00	ng	-0.01
21) Naphthalene-d8	8.28	136	477177	20.00	ng	0.00
38) Acenaphthene-d10	10.04	164	241519	20.00	ng	-0.01
63) Phenanthrene-d10	11.54	188	466090	20.00	ng	-0.01
75) Chrysene-d12	14.19	240	277704	20.00	ng	-0.01
86) Perylene-d12	15.74	264	264262	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	724583	105.03	ng	0.00
7) Phenol-d6	6.62	99	984320	107.37	ng	0.00
23) Nitrobenzene-d5	7.56	82	662581	77.48	ng	-0.01
41) 2,4,6-Tribromophenol	10.84	330	294444	122.22	ng	-0.01
44) 2-Fluorobiphenyl	9.35	172	1195127	79.44	ng	-0.01
78) Terphenyl-d14	13.12	244	1161009	106.30	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.56	70	87816	14.166	ng	# 85
25) Isophorone	7.56	82	662576	40.651	ng	# 64
32) Benzoic acid	7.98	122	1716	6.332	ng	# 82
49) Dimethylphthalate	9.75	163	444149	26.400	ng	# 99
56) 2,4-Dinitrotoluene	10.04	165	30052	6.633	ng	# 24
64) 4,6-Dinitro-2-methylphenol	10.84	198	570	5.648	ng	# 1
66) 4-Bromophenyl-phenylether	10.84	248	19245	3.799	ng	# 1
83) Bis(2-ethylhexyl)phthalate	14.14	149	29027	3.070	ng	# 98

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

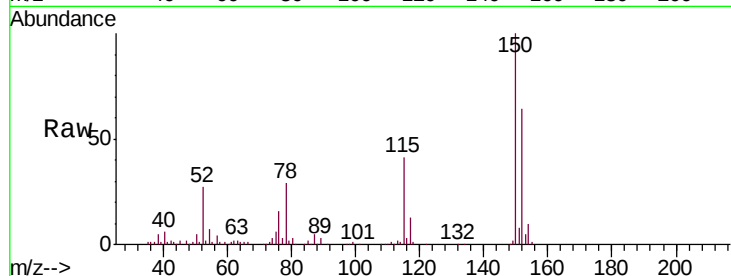


#1

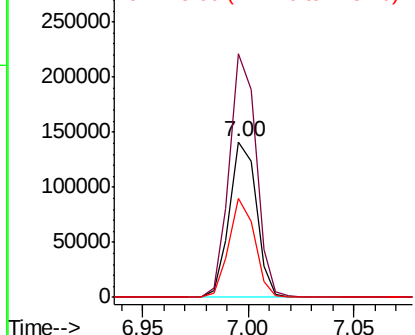
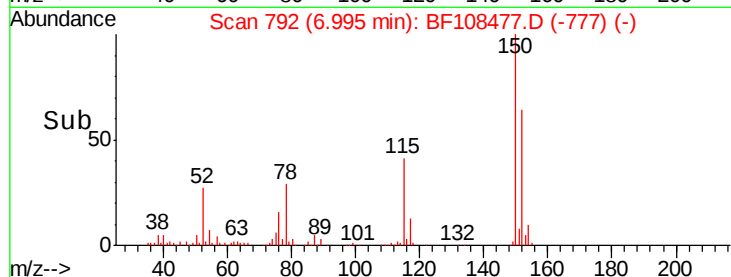
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 792
Delta R.T. -0.01 min
Lab File: BF108477.D
Acq: 24 Aug 2018 21:35

Instrument :
BNA_F
ClientSampleId :
EP1-Q3-FD-01

Tgt Ion:152 Resp: 124895
Ion Ratio Lower Upper
152 100
150 156.2 124.6 186.8
115 63.4 50.1 75.1



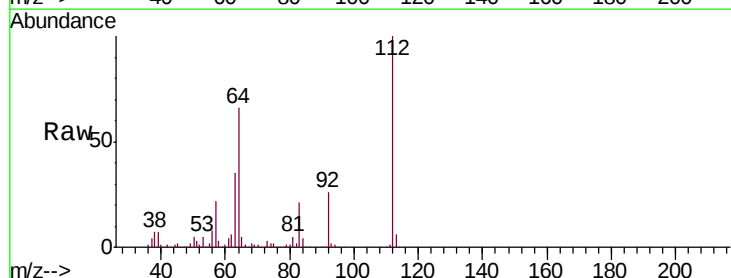
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



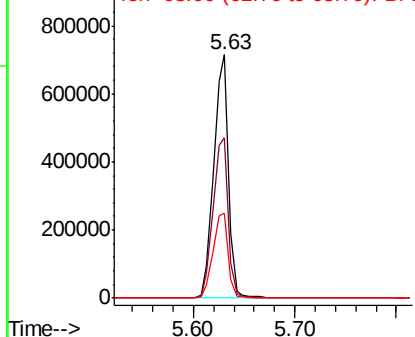
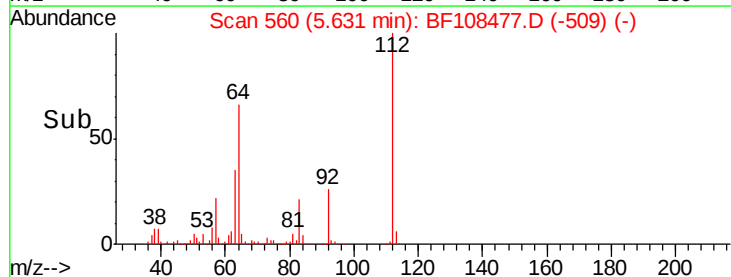
#5

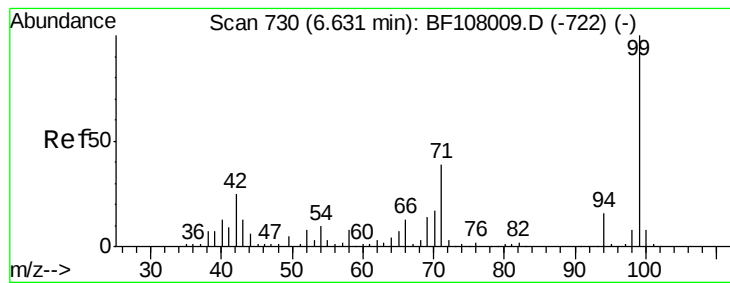
2-Fluorophenol
Concen: 105.034 ng
RT: 5.63 min Scan# 560
Delta R.T. -0.00 min
Lab File: BF108477.D
Acq: 24 Aug 2018 21:35

Tgt Ion:112 Resp: 724583
Ion Ratio Lower Upper
112 100
64 65.7 47.9 71.9
63 35.0 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: 107.374 ng

RT: 6.62 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF108477.D

Acq: 24 Aug 2018 21:35

Instrument :

BNA_F

ClientSampleId :

EP1-Q3-FD-01

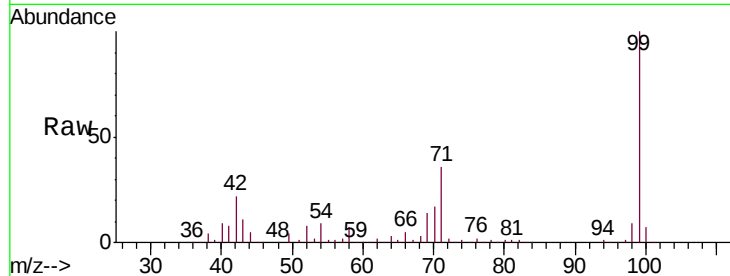
Tgt Ion: 99 Resp: 984320

Ion Ratio Lower Upper

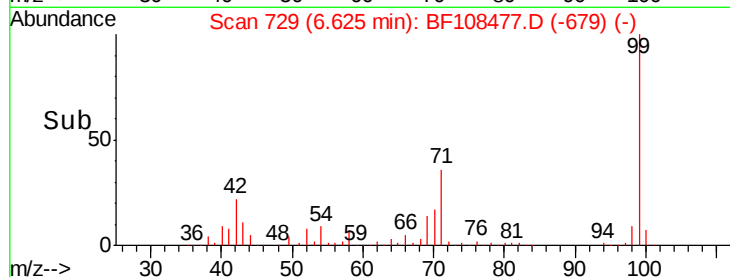
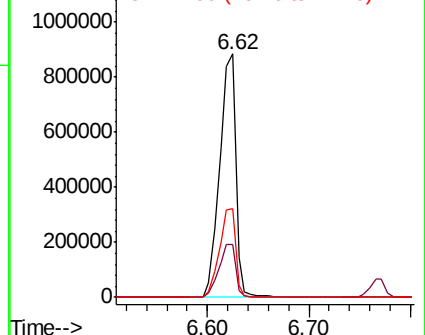
99 100

42 21.7 14.5 21.7#

71 36.2 25.4 38.0



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



#19

n-Nitroso-di-n-propylamine

Concen: 14.166 ng

RT: 7.56 min Scan# 888

Delta R.T. 0.15 min

Lab File: BF108477.D

Acq: 24 Aug 2018 21:35

Tgt Ion: 70 Resp: 87816

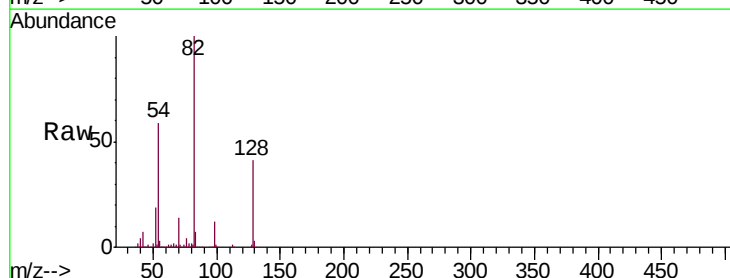
Ion Ratio Lower Upper

70 100

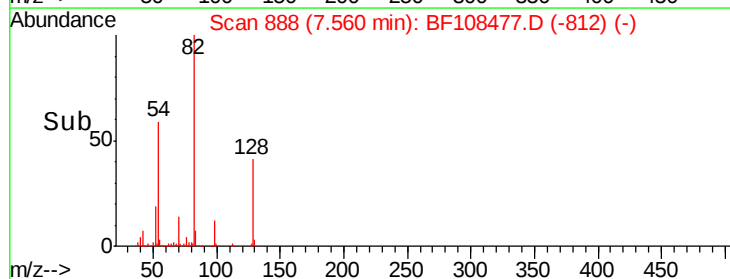
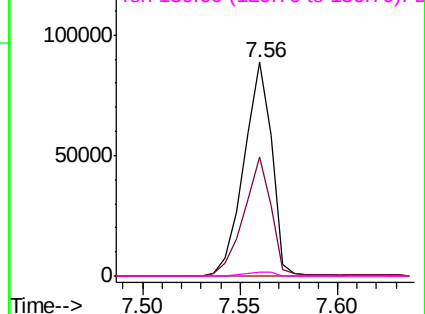
42 55.5 47.5 71.3

101 0.0 7.4 11.2#

130 2.0 16.6 25.0#



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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.28 min Scan# 1011

Delta R.T. -0.01 min

Lab File: BF108477.D

Acq: 24 Aug 2018 21:35

Instrument :

BNA_F

ClientSampleId :

EP1-Q3-FD-01

Tgt Ion: 136 Resp: 477177

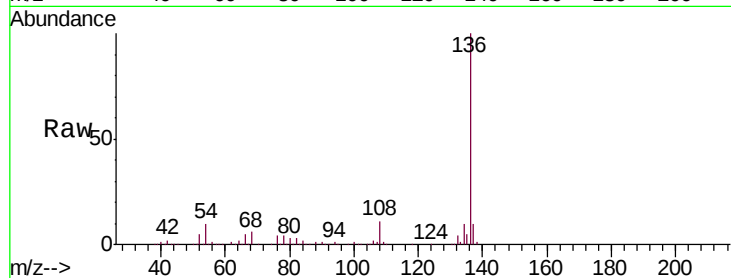
Ion Ratio Lower Upper

136 100

137 10.5 8.9 13.3

54 9.6 6.6 9.8

68 5.5 5.0 7.4

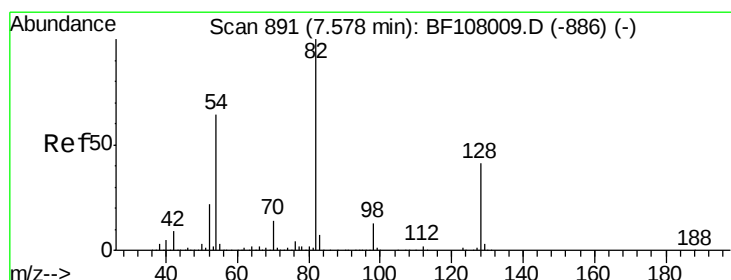
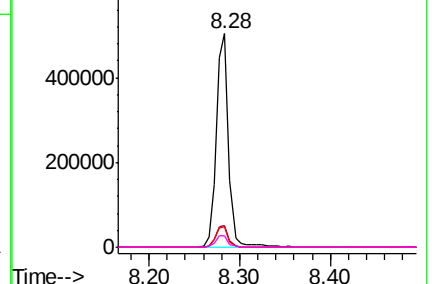
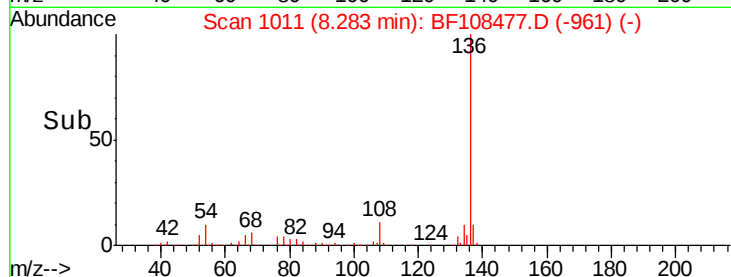


Abundance Ion 136.00 (135.70 to 136.70): E

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



#23

Nitrobenzene-d5

Concen: 77.483 ng

RT: 7.56 min Scan# 888

Delta R.T. -0.01 min

Lab File: BF108477.D

Acq: 24 Aug 2018 21:35

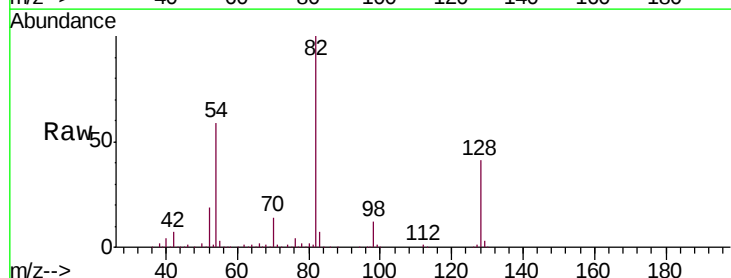
Tgt Ion: 82 Resp: 662581

Ion Ratio Lower Upper

82 100

128 41.3 36.1 54.1

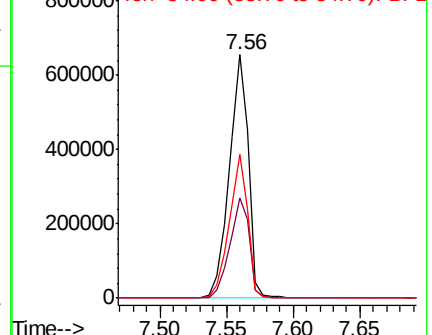
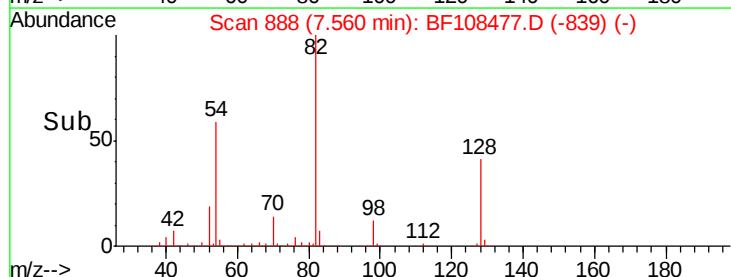
54 58.9 41.4 62.2



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

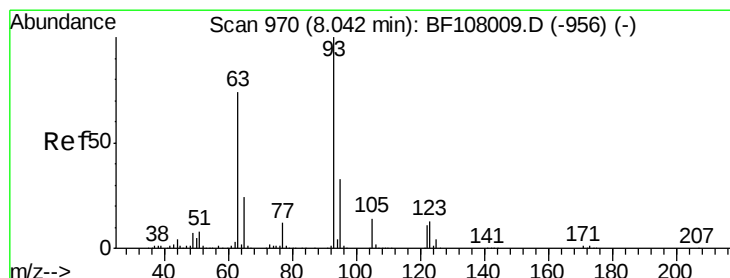
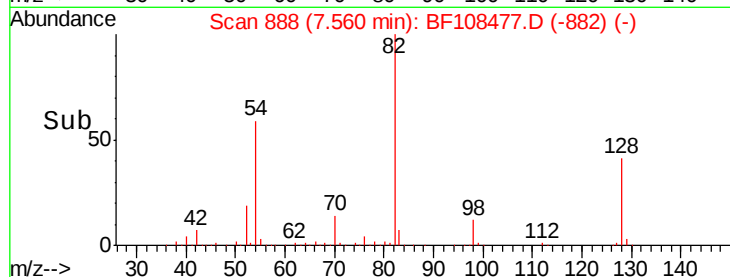
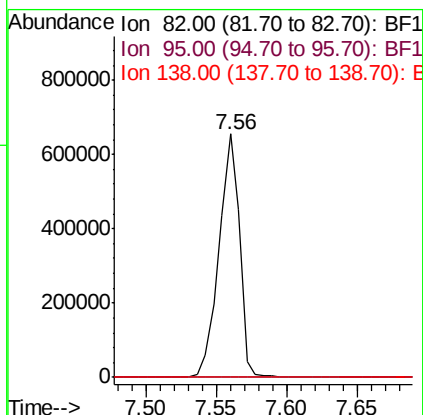
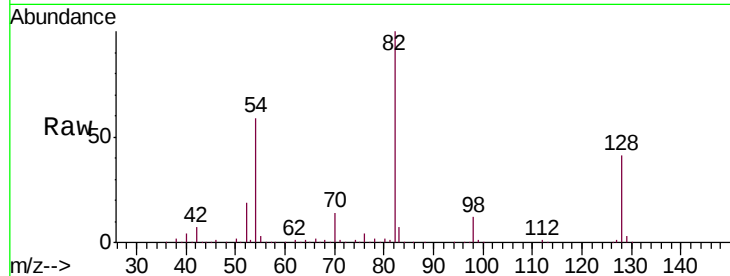




#25
Isophorone
Concen: 40.651 ng
RT: 7.56 min Scan# 888
Delta R.T. -0.26 min
Lab File: BF108477.D
Acq: 24 Aug 2018 21:35

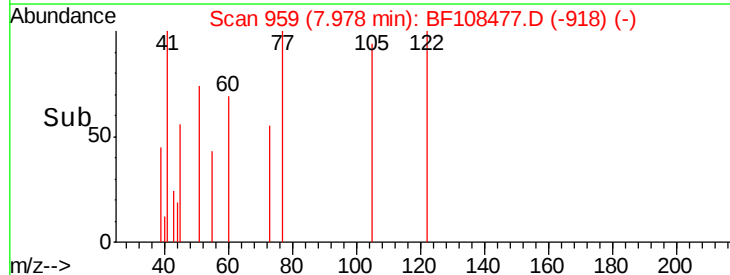
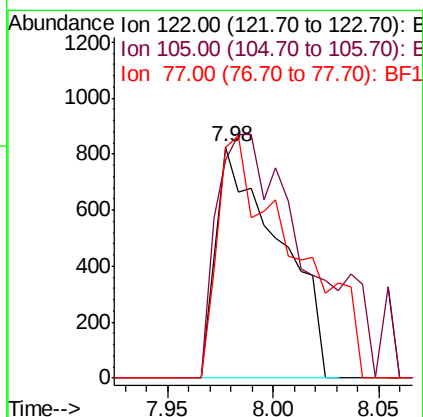
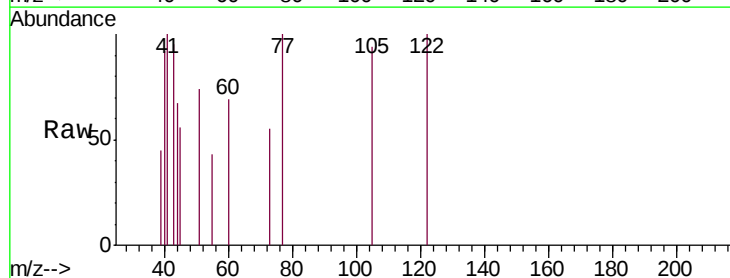
Instrument :
BNA_F
ClientSampleId :
EP1-Q3-FD-01

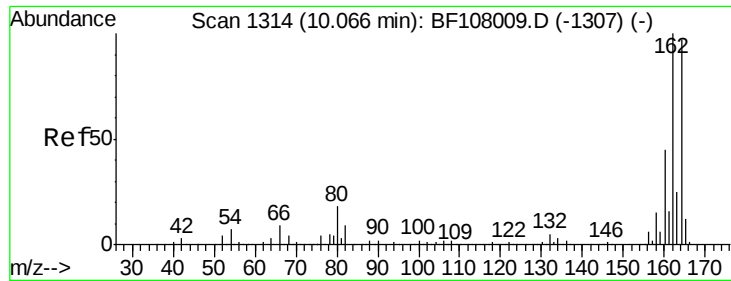
Tgt Ion: 82 Resp: 662576
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 14.9 22.3#



#32
Benzoic acid
Concen: 6.332 ng
RT: 7.98 min Scan# 959
Delta R.T. -0.06 min
Lab File: BF108477.D
Acq: 24 Aug 2018 21:35

Tgt Ion: 122 Resp: 1716
Ion Ratio Lower Upper
122 100
105 94.3 101.1 141.1#
77 99.9 70.7 110.7

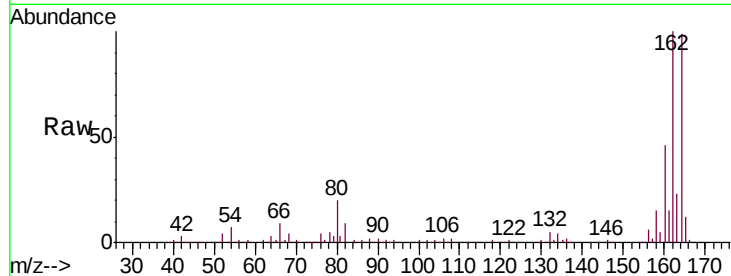




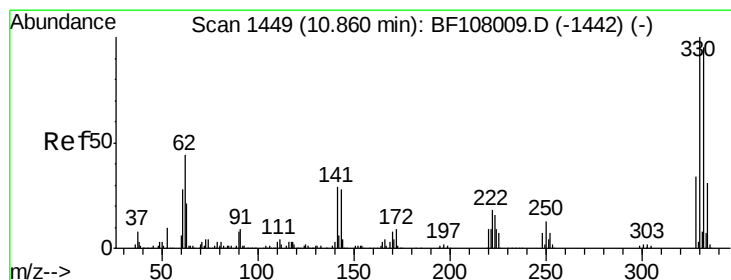
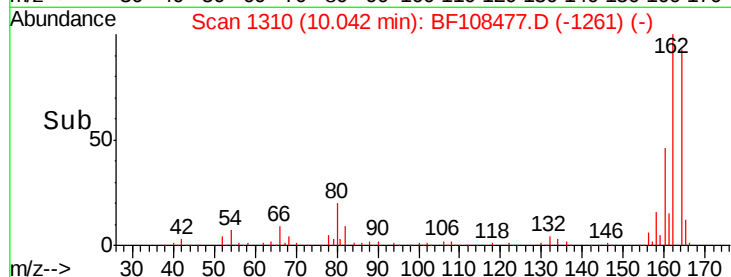
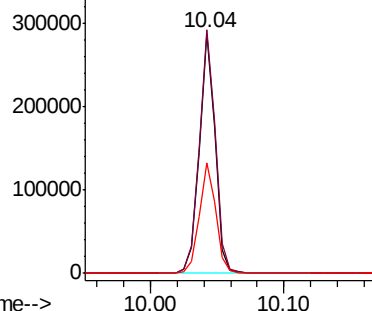
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.04 min Scan# 1310
 Delta R.T. -0.01 min
 Lab File: BF108477.D
 Acq: 24 Aug 2018 21:35

Instrument :
 BNA_F
 ClientSampleId :
 EP1-Q3-FD-01

Tgt Ion:164 Resp: 241519
 Ion Ratio Lower Upper
 164 100
 162 101.5 86.1 129.1
 160 46.3 38.3 57.5

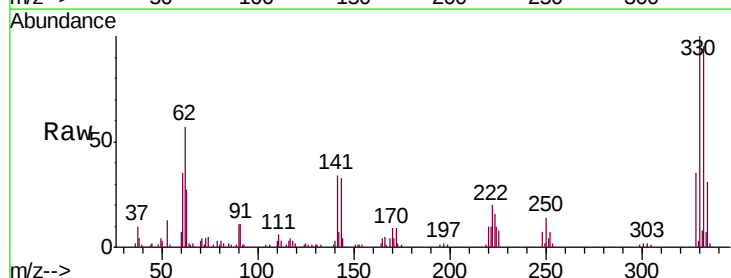


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

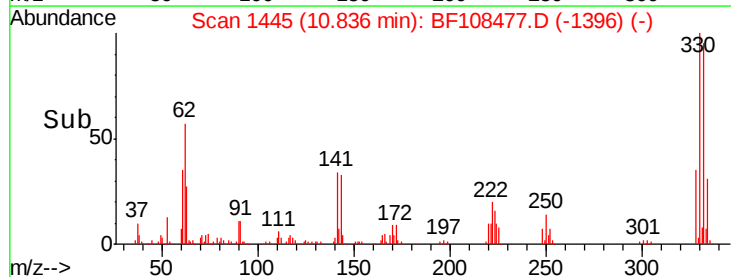
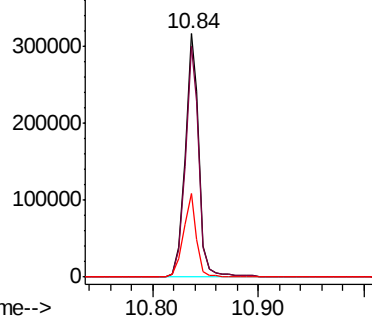


#41
 2,4,6-Tribromophenol
 Concen: 122.222 ng
 RT: 10.84 min Scan# 1445
 Delta R.T. -0.01 min
 Lab File: BF108477.D
 Acq: 24 Aug 2018 21:35

Tgt Ion:330 Resp: 294444
 Ion Ratio Lower Upper
 330 100
 332 94.0 77.0 115.6
 141 32.5 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: 79.445 ng

RT: 9.35 min Scan# 1193

Delta R.T. -0.01 min

Lab File: BF108477.D

Acq: 24 Aug 2018 21:35

Instrument :

BNA_F

ClientSampleId :

EP1-Q3-FD-01

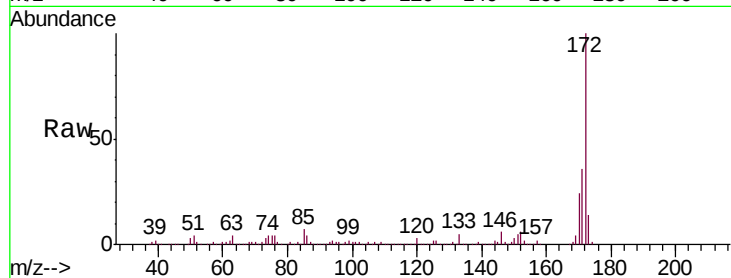
Tgt Ion:172 Resp: 1195127

Ion Ratio Lower Upper

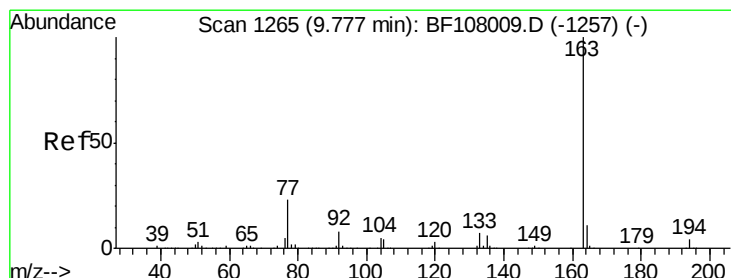
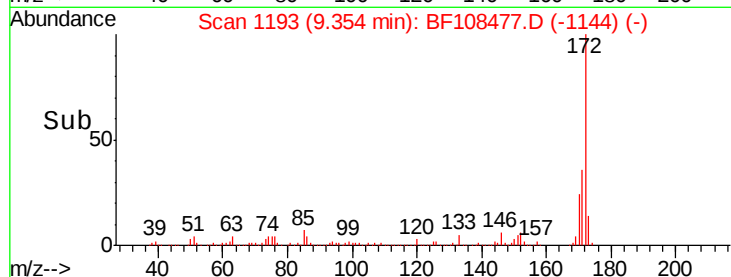
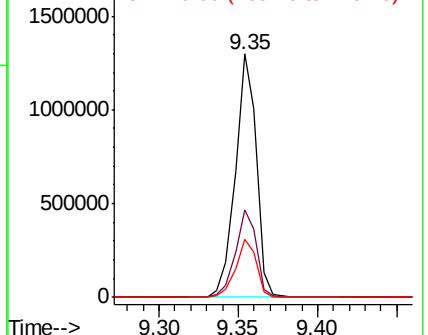
172 100

171 36.0 29.7 44.5

170 23.7 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: 26.400 ng

RT: 9.75 min Scan# 1260

Delta R.T. -0.02 min

Lab File: BF108477.D

Acq: 24 Aug 2018 21:35

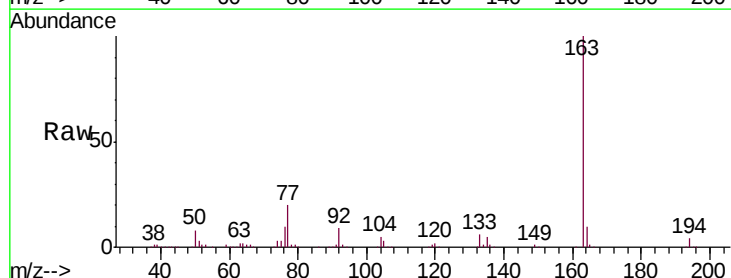
Tgt Ion:163 Resp: 444149

Ion Ratio Lower Upper

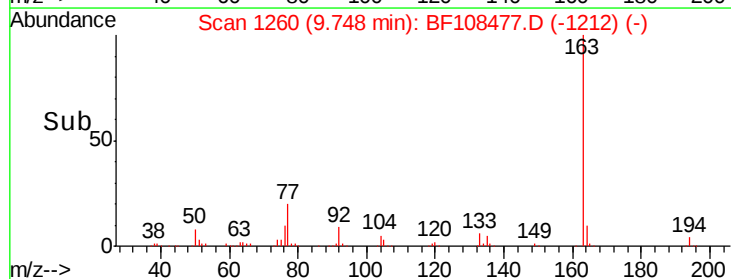
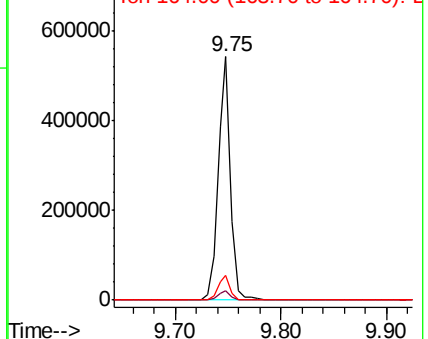
163 100

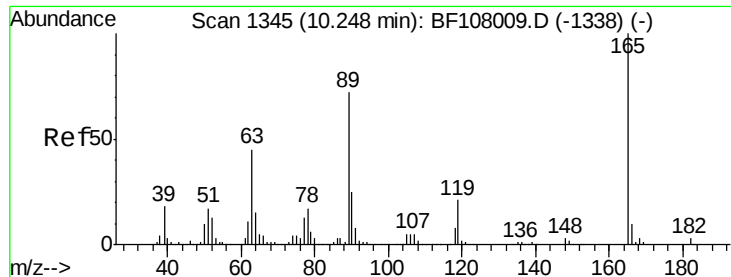
194 4.0 2.7 4.1

164 10.1 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

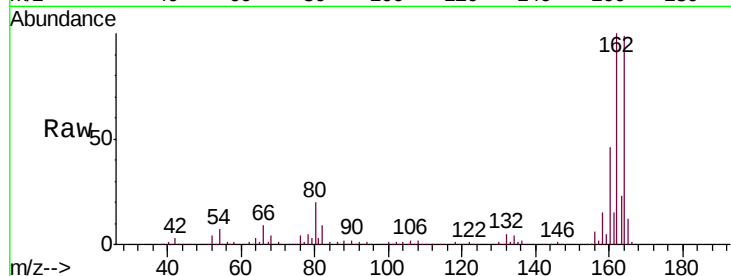




#56
 2,4-Dinitrotoluene
 Concen: 6.633 ng
 RT: 10.04 min Scan# 1310
 Delta R.T. -0.19 min
 Lab File: BF108477.D
 Acq: 24 Aug 2018 21:35

Instrument :
 BNA_F
 ClientSampleId :
 EP1-Q3-FD-01

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.9	36.4	54.6#
89	1.4	57.8	86.6#
182	0.0	1.6	2.4#

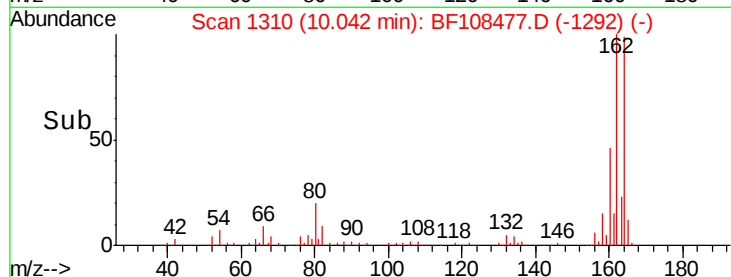
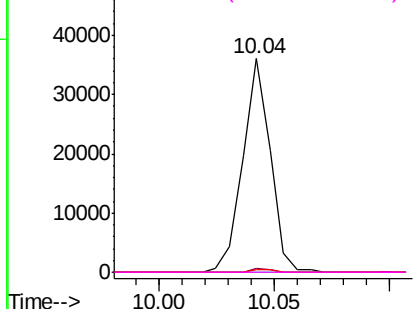


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

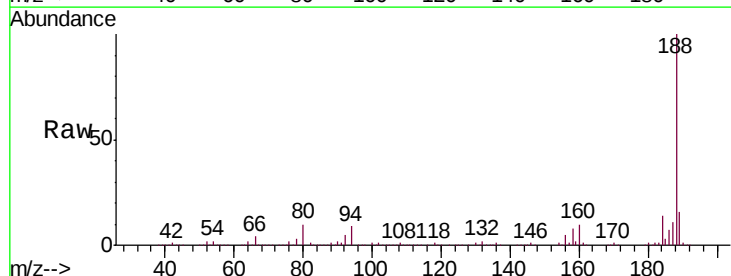
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.54 min Scan# 1564
 Delta R.T. -0.01 min
 Lab File: BF108477.D
 Acq: 24 Aug 2018 21:35

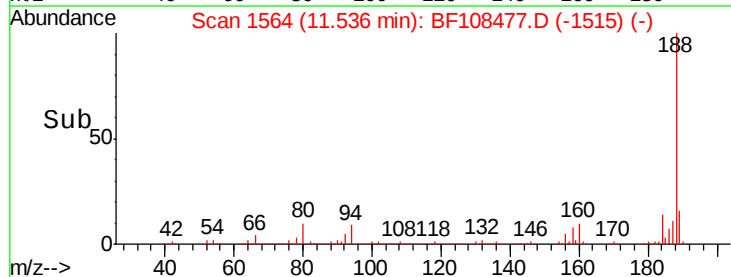
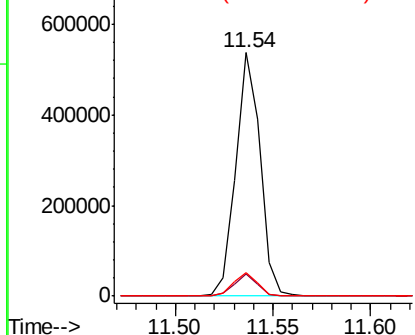
Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.9	8.5	12.7
80	9.6	9.2	13.8

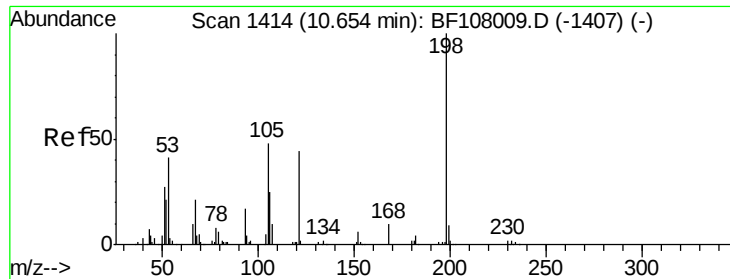


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

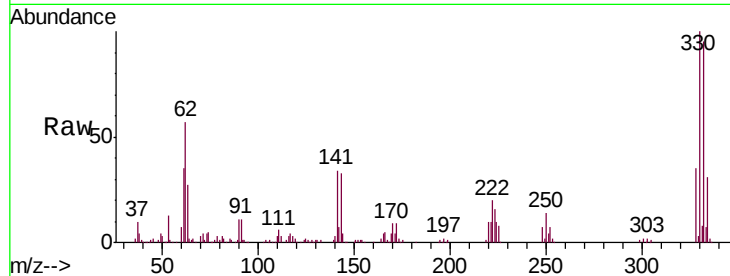




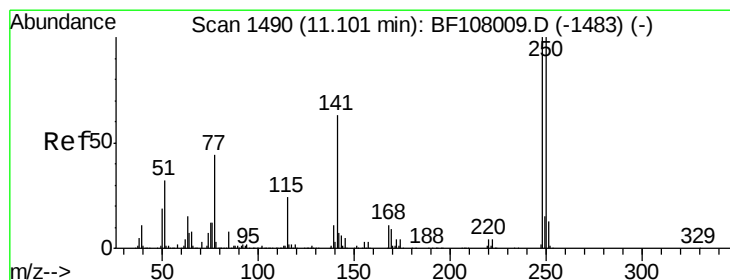
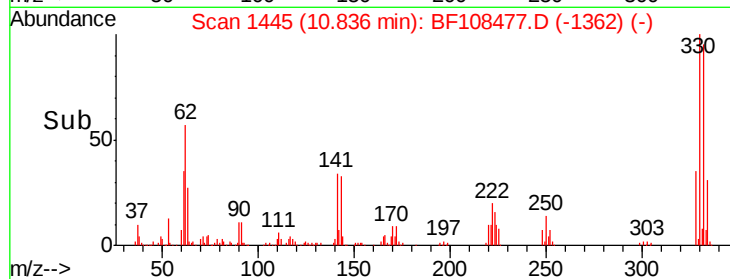
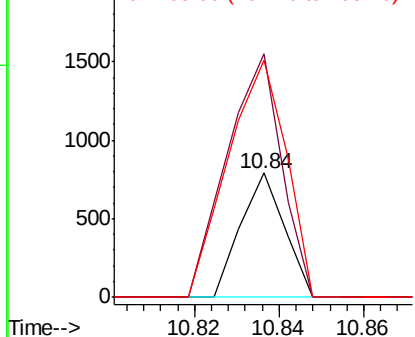
#64
 4,6-Dinitro-2-methylphenol
 Concen: 5.648 ng
 RT: 10.84 min Scan# 1445
 Delta R.T. 0.19 min
 Lab File: BF108477.D
 Acq: 24 Aug 2018 21:35

Instrument :
 BNA_F
 ClientSampleId :
 EP1-Q3-FD-01

Tgt Ion:198 Resp: 570
 Ion Ratio Lower Upper
 198 100
 51 196.2 37.7 77.7#
 105 190.6 36.3 76.3#

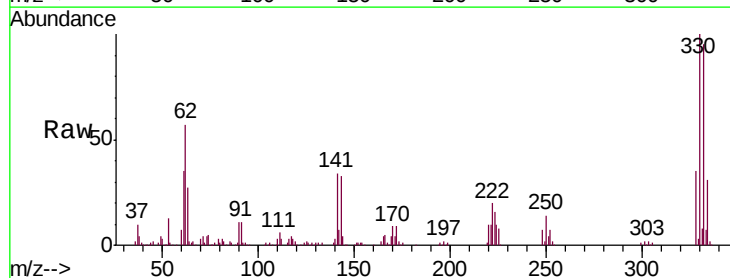


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

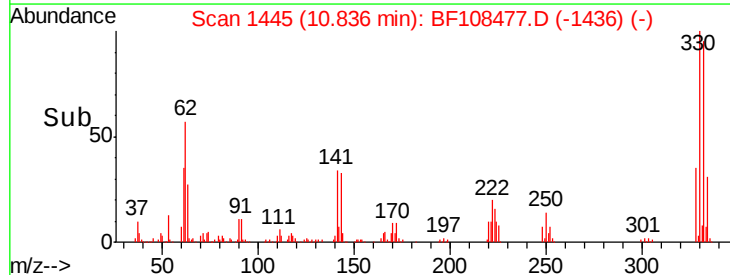
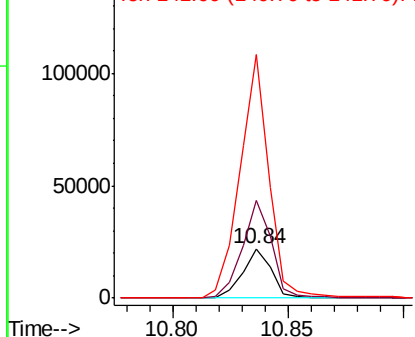


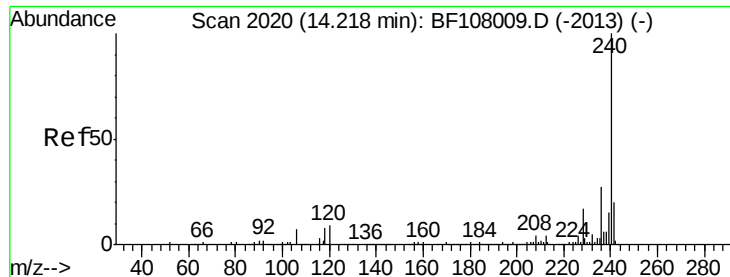
#66
 4-Bromophenyl-phenylether
 Concen: 3.799 ng
 RT: 10.84 min Scan# 1445
 Delta R.T. -0.25 min
 Lab File: BF108477.D
 Acq: 24 Aug 2018 21:35

Tgt Ion:248 Resp: 19245
 Ion Ratio Lower Upper
 248 100
 250 198.4 76.9 115.3#
 141 492.2 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: 14.19 min Scan# 2015

Delta R.T. -0.01 min

Lab File: BF108477.D

Acq: 24 Aug 2018 21:35

Instrument :

BNA_F

ClientSampleId :

EP1-Q3-FD-01

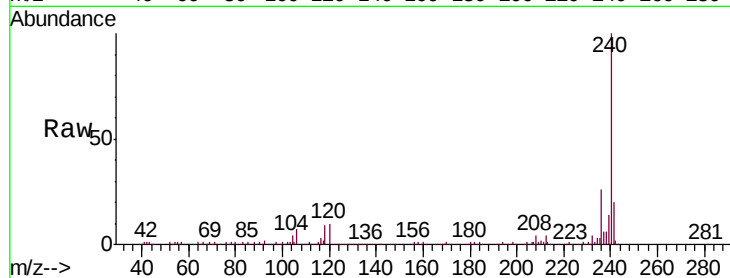
Tgt Ion:240 Resp: 277704

Ion Ratio Lower Upper

240 100

120 9.6 9.5 14.3

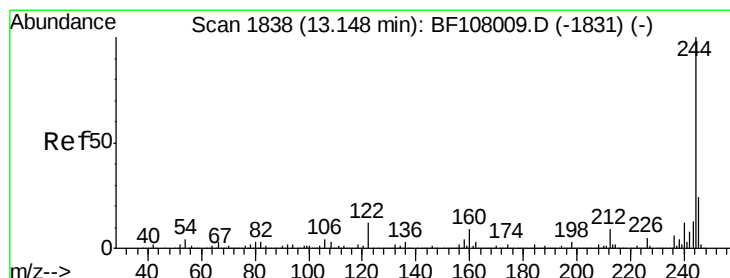
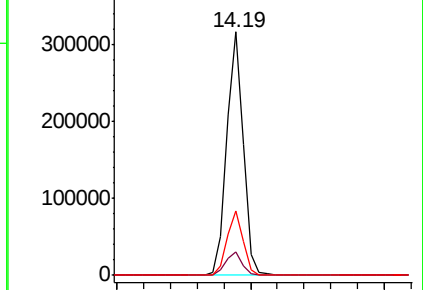
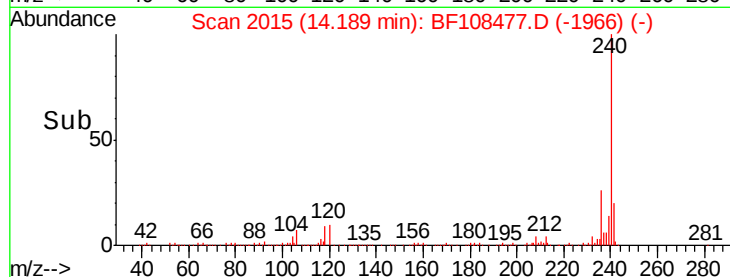
236 26.2 20.7 31.1



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: 106.298 ng

RT: 13.12 min Scan# 1834

Delta R.T. -0.01 min

Lab File: BF108477.D

Acq: 24 Aug 2018 21:35

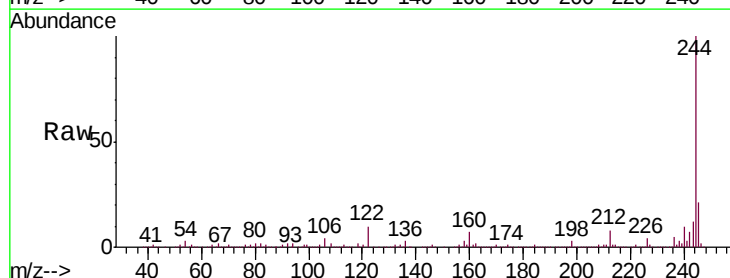
Tgt Ion:244 Resp: 1161009

Ion Ratio Lower Upper

244 100

212 7.6 5.4 8.0

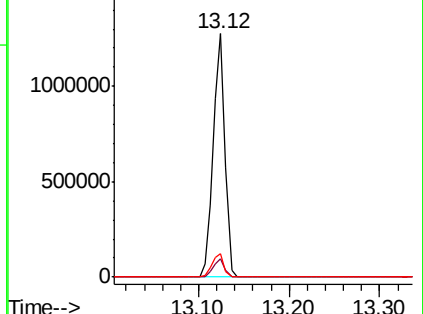
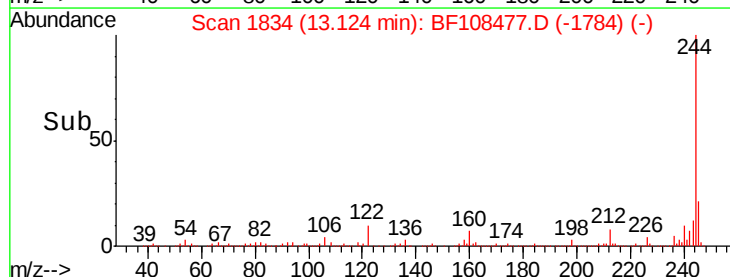
122 9.8 11.0 16.4#

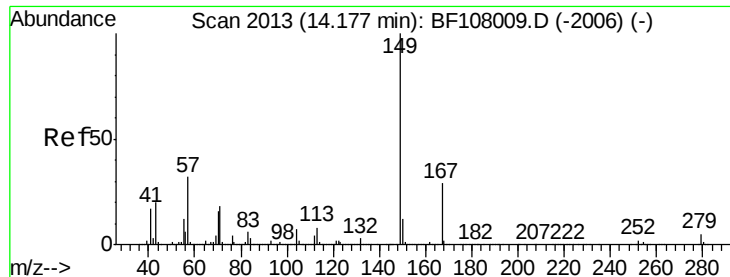


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

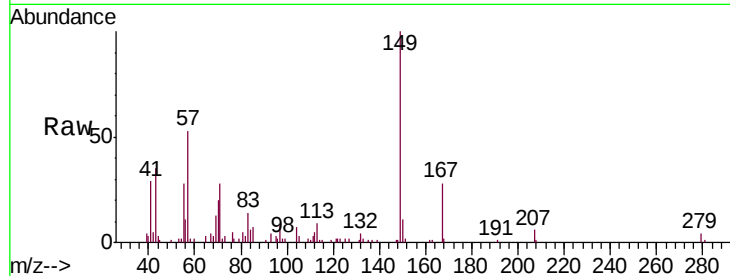




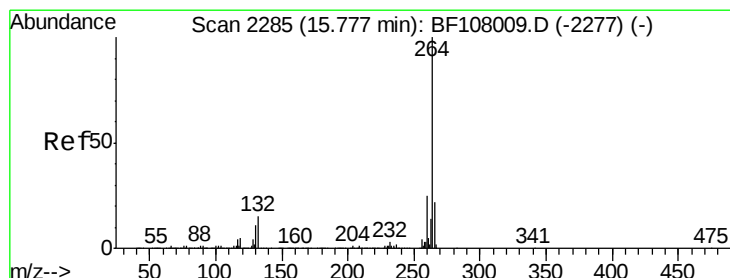
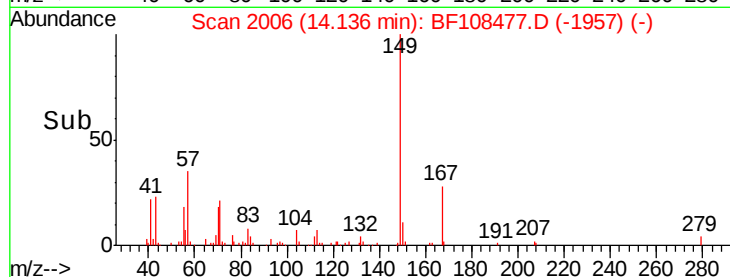
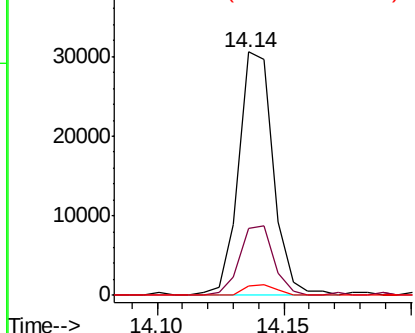
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 3.070 ng
 RT: 14.14 min Scan# 2006
 Delta R.T. -0.01 min
 Lab File: BF108477.D
 Acq: 24 Aug 2018 21:35

Instrument :
 BNA_F
 ClientSampleId :
 EP1-Q3-FD-01

Tgt Ion:149 Resp: 29027
 Ion Ratio Lower Upper
 149 100
 167 27.8 21.3 31.9
 279 3.7 3.0 4.4

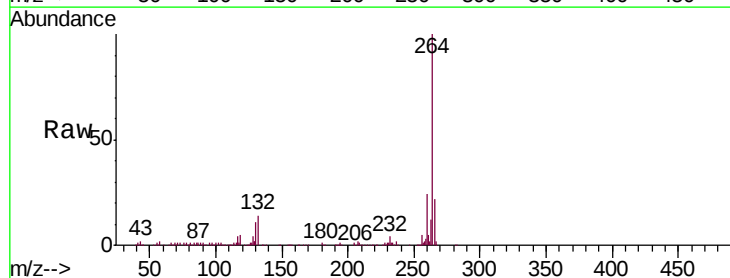


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.74 min Scan# 2279
 Delta R.T. -0.02 min
 Lab File: BF108477.D
 Acq: 24 Aug 2018 21:35

Tgt Ion:264 Resp: 264262
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.2 28.8
 265 22.2 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

