

Data File : BF108848.D
Acq On : 7 Sep 2018 2:35
Operator : JU/SJ
Sample : J4741-02RE
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
AOC2-03-BRE

Quant Time: Sep 07 03:49:01 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	191939	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	684690	20.00	ng	0.00
38) Acenaphthene-d10	9.77	164	275526	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	507450	20.00	ng	0.00
75) Chrysene-d12	13.87	240	558846	20.00	ng	0.00
86) Perylene-d12	15.27	264	466959	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	943826	81.46	ng	0.00
7) Phenol-d6	6.37	99	1185901	79.55	ng	0.00
23) Nitrobenzene-d5	7.30	82	920660	84.15	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	217288	82.61	ng	0.00
44) 2-Fluorobiphenyl	9.10	172	1525307	94.44	ng	0.00
78) Terphenyl-d14	12.82	244	1526780	63.71	ng	0.00

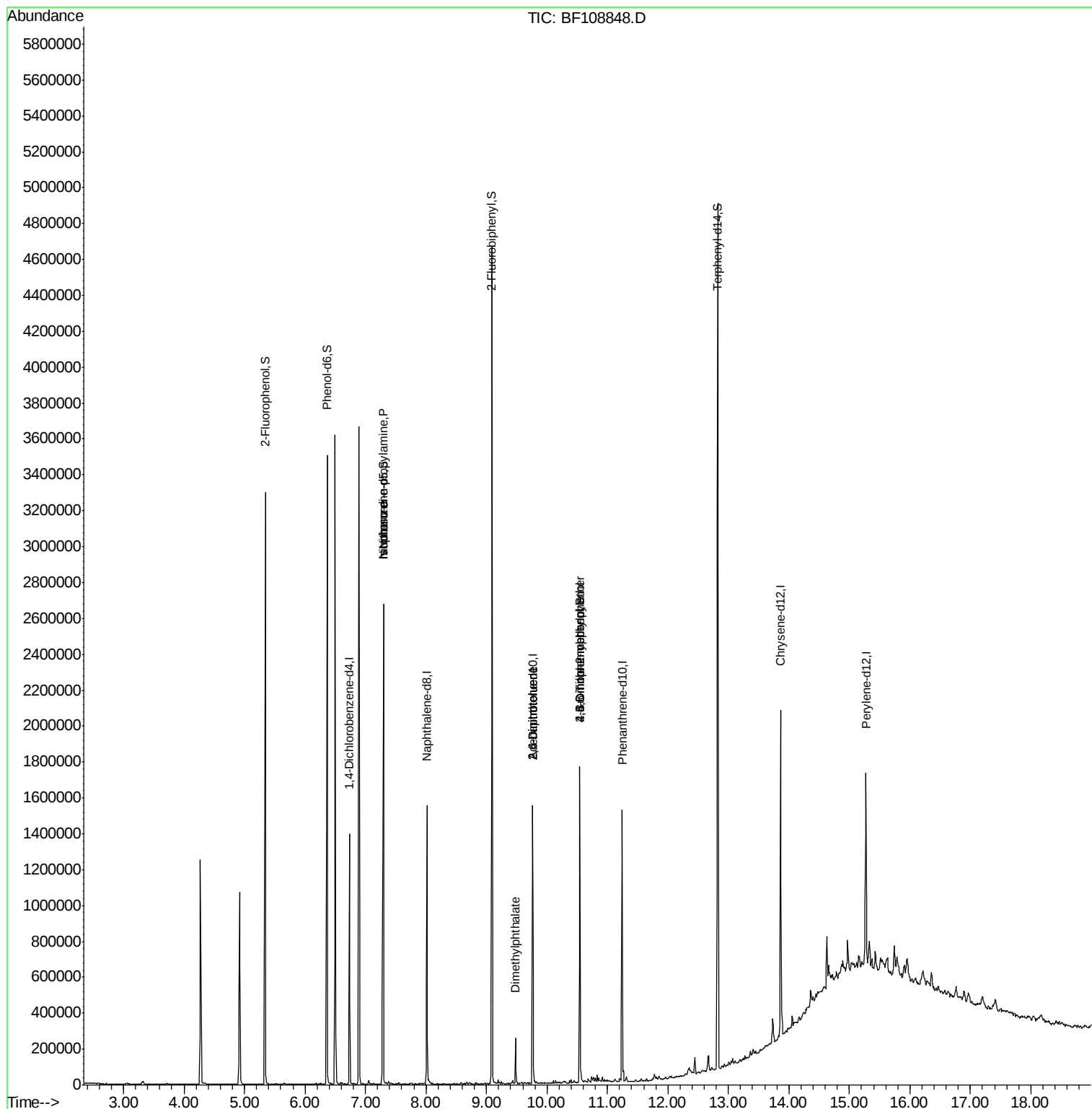
Target Compounds				Qvalue		
19) n-Nitroso-di-n-propylamine	7.30	70	122900	11.861	ng	# 76
25) Isophorone	7.30	82	917376	42.036	ng	# 64
49) Dimethylphthalate	9.48	163	94610	4.909	ng	# 98
50) 2,6-Dinitrotoluene	9.77	165	35869	9.768	ng	# 26
56) 2,4-Dinitrotoluene	9.77	165	35869	7.638	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.55	198	367	7.026	ng	# 1
66) 4-Bromophenyl-phenylether	10.55	248	13343	2.328	ng	# 1

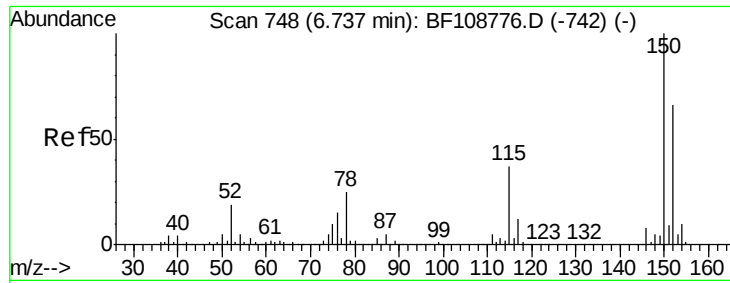
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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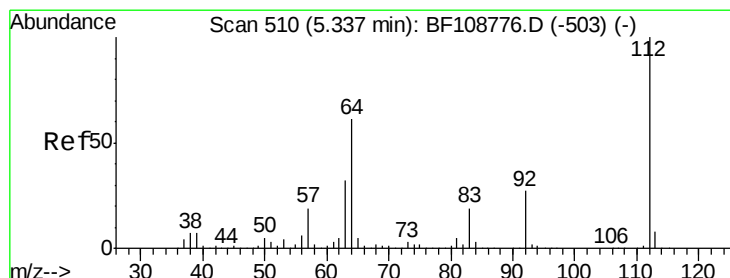
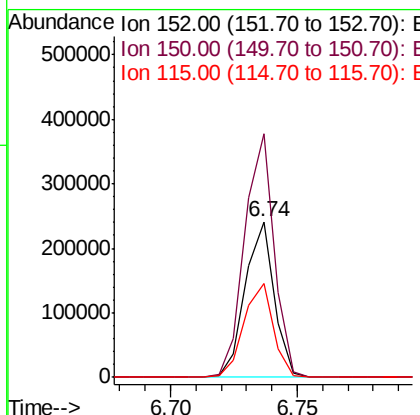
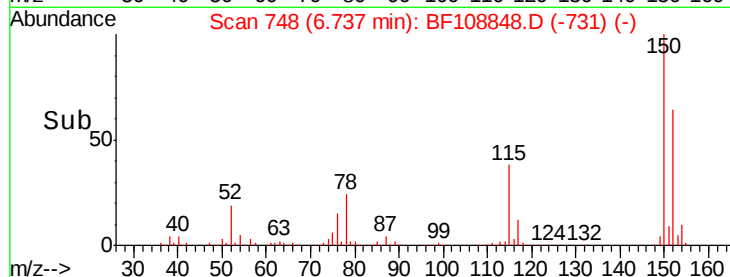
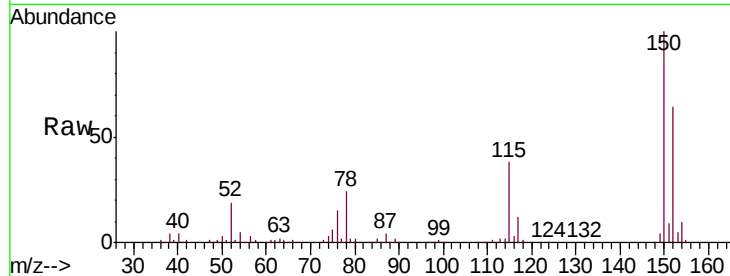




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.74 min Scan# 748
 Delta R.T. 0.00 min
 Lab File: BF108848.D
 Acq: 7 Sep 2018 2:35

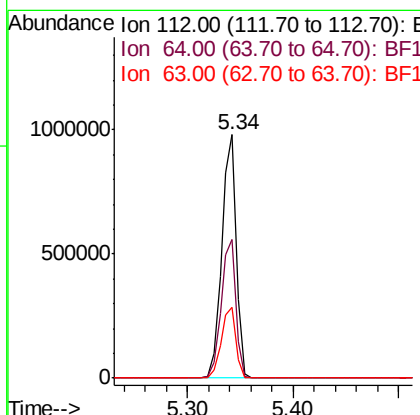
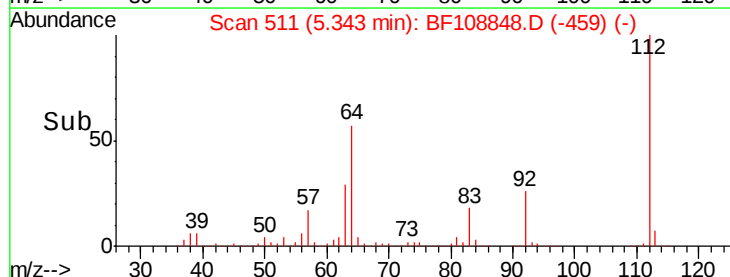
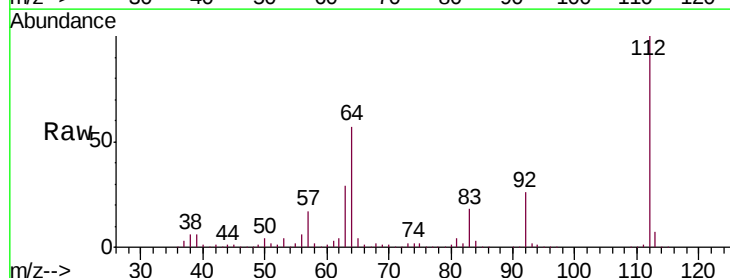
Instrument :
 BNA_F
 ClientSampleId :
 AOC2-03-BRE

Tgt Ion:152 Resp: 191939
 Ion Ratio Lower Upper
 152 100
 150 156.2 124.6 186.8
 115 59.9 50.1 75.1



#5
 2-Fluorophenol
 Concen: 81.464 ng
 RT: 5.34 min Scan# 511
 Delta R.T. 0.01 min
 Lab File: BF108848.D
 Acq: 7 Sep 2018 2:35

Tgt Ion:112 Resp: 943826
 Ion Ratio Lower Upper
 112 100
 64 57.0 47.9 71.9
 63 29.2 23.7 35.5





#7

Phenol-d6

Concen: 79.553 ng

RT: 6.37 min Scan# 685

Delta R.T. 0.00 min

Lab File: BF108848.D

Acq: 7 Sep 2018 2:35

Instrument :

BNA_F

ClientSampleId :

AOC2-03-BRE

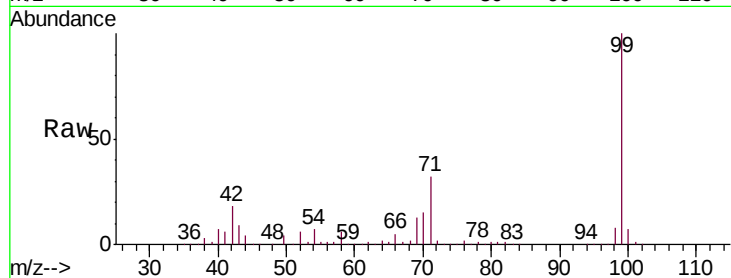
Tgt Ion: 99 Resp: 1185901

Ion Ratio Lower Upper

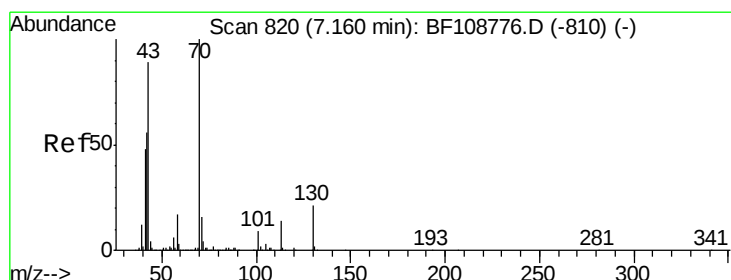
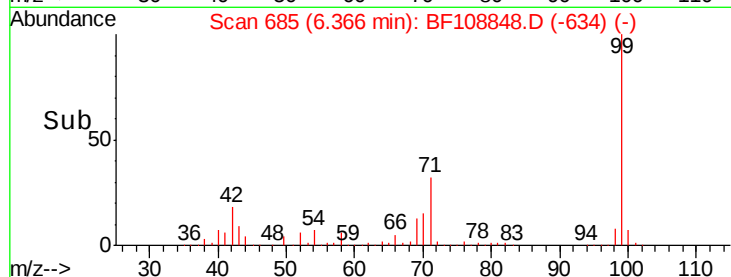
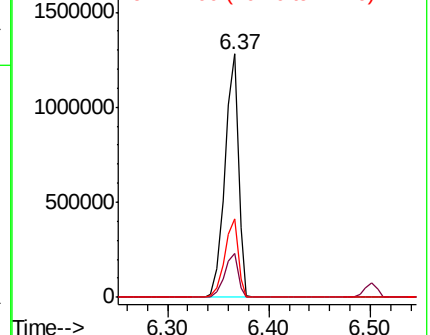
99 100

42 17.9 14.5 21.7

71 32.5 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: 11.861 ng

RT: 7.30 min Scan# 843

Delta R.T. 0.14 min

Lab File: BF108848.D

Acq: 7 Sep 2018 2:35

Tgt Ion: 70 Resp: 122900

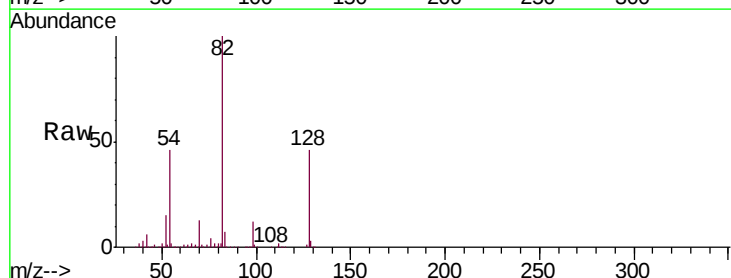
Ion Ratio Lower Upper

70 100

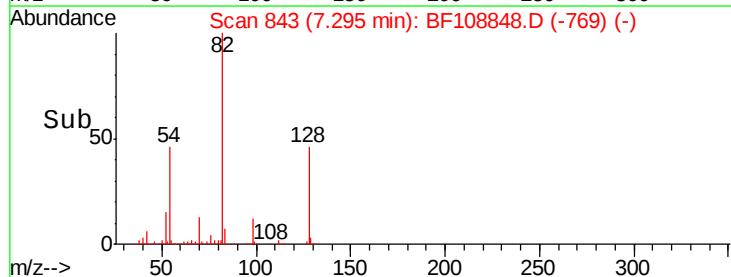
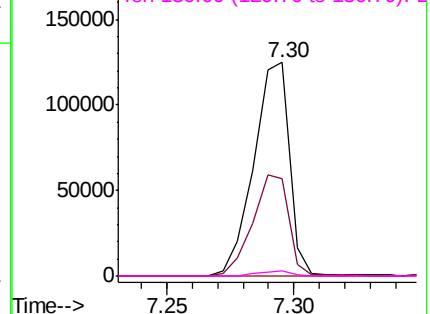
42 45.8 47.5 71.3#

101 0.0 7.4 11.2#

130 2.3 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: 8.01 min Scan# 965

Delta R.T. -0.01 min

Lab File: BF108848.D

Acq: 7 Sep 2018 2:35

Instrument :

BNA_F

ClientSampleId :

AOC2-03-BRE

Tgt Ion:136 Resp: 684690

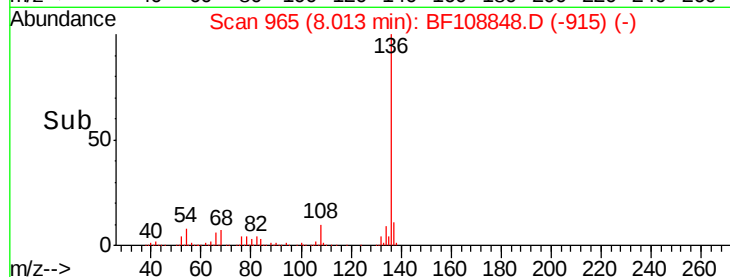
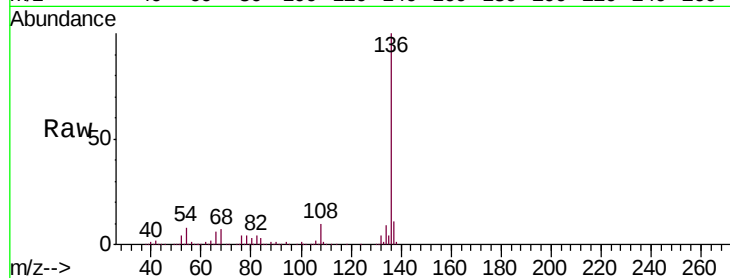
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 8.2 6.6 9.8

68 7.1 5.0 7.4

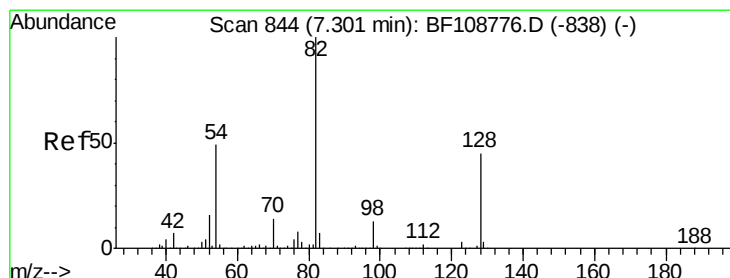
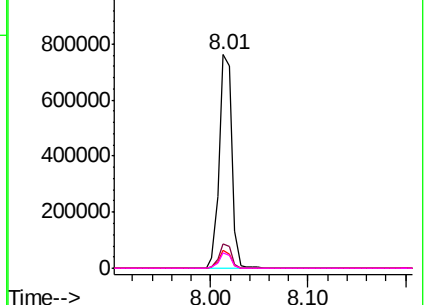


Abundance Ion 136.00 (135.70 to 136.70): E

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: 84.149 ng

RT: 7.30 min Scan# 843

Delta R.T. -0.01 min

Lab File: BF108848.D

Acq: 7 Sep 2018 2:35

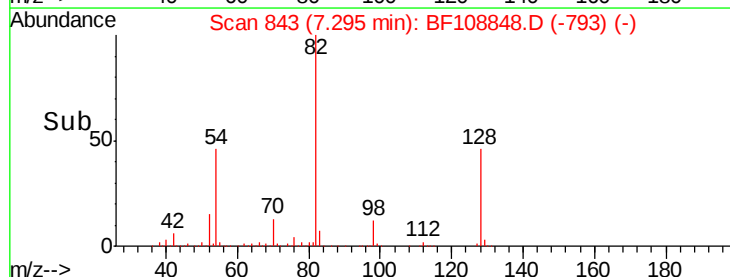
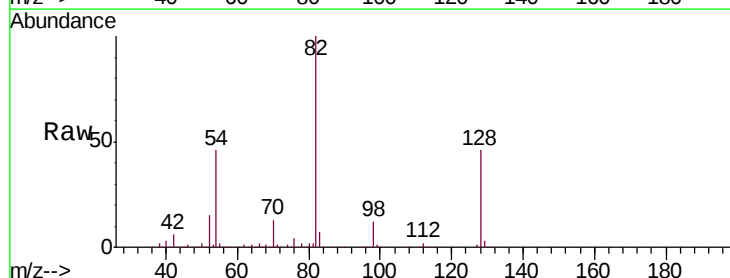
Tgt Ion: 82 Resp: 920660

Ion Ratio Lower Upper

82 100

128 46.2 36.1 54.1

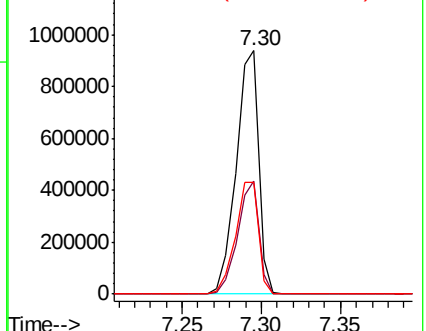
54 46.1 41.4 62.2



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: 42.036 ng

RT: 7.30 min Scan# 843

Delta R.T. -0.26 min

Lab File: BF108848.D

Acq: 7 Sep 2018 2:35

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ClientSampleId :

AOC2-03-BRE

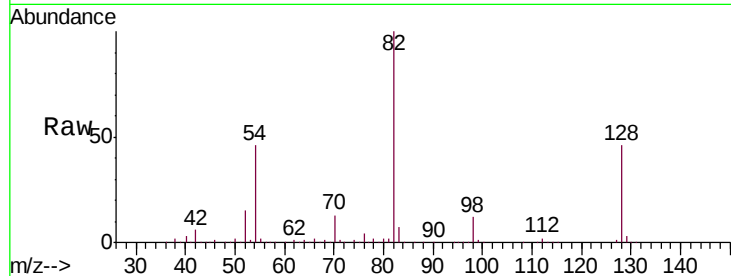
Tgt Ion: 82 Resp: 917376

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

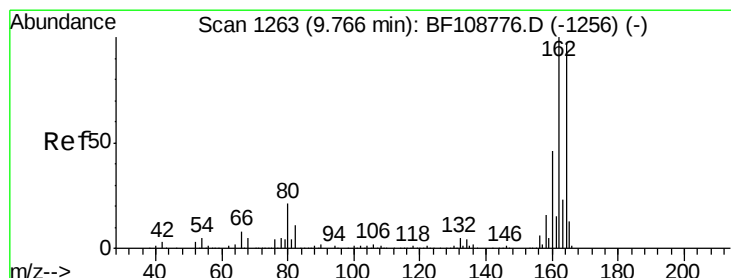
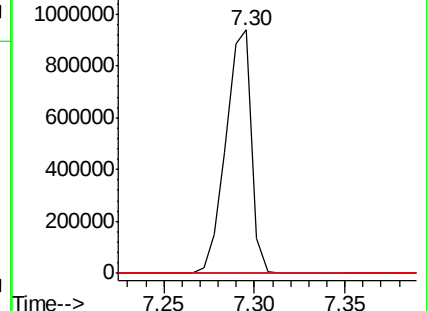
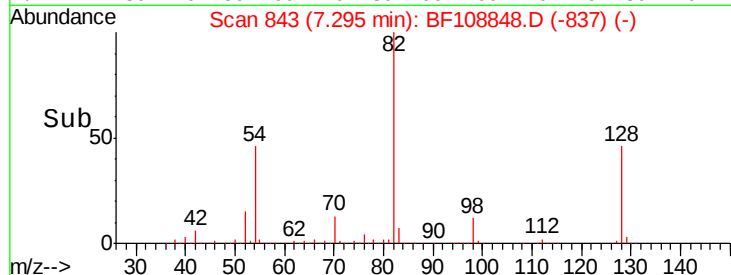
138 0.0 14.9 22.3#



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.77 min Scan# 1263

Delta R.T. 0.00 min

Lab File: BF108848.D

Acq: 7 Sep 2018 2:35

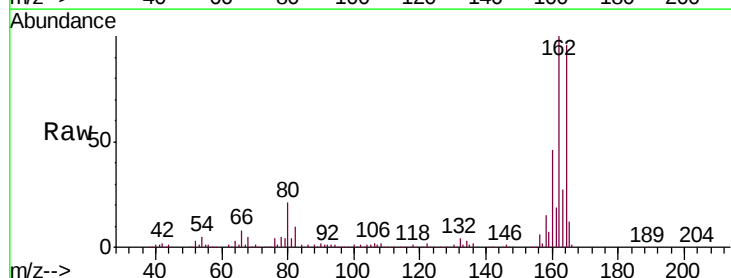
Tgt Ion: 164 Resp: 275526

Ion Ratio Lower Upper

164 100

162 103.8 86.1 129.1

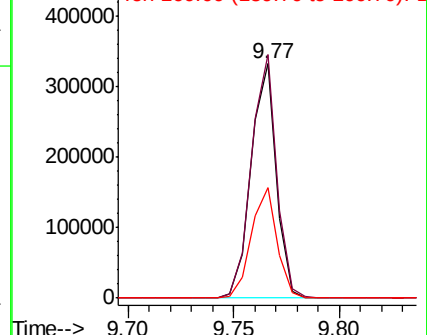
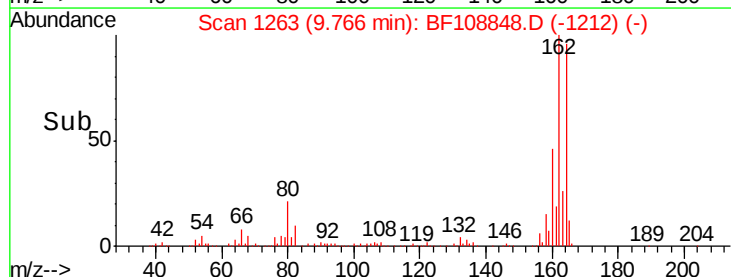
160 47.3 38.3 57.5



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

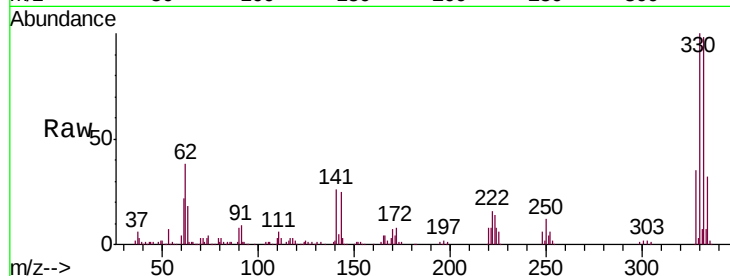




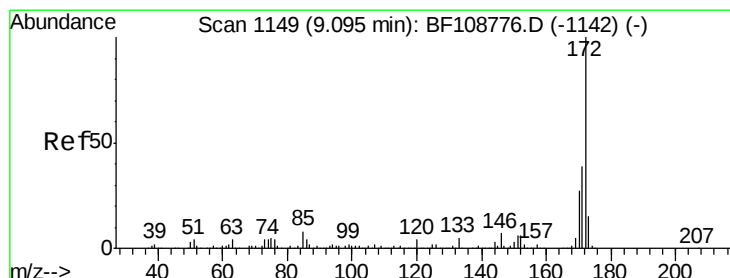
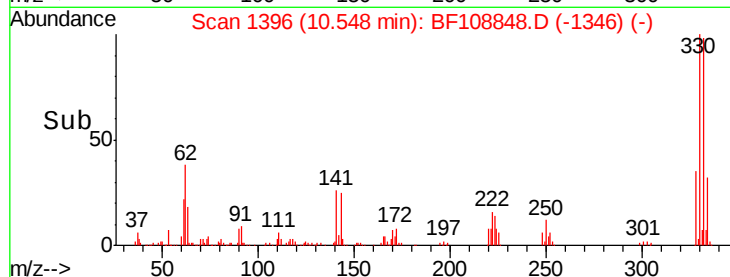
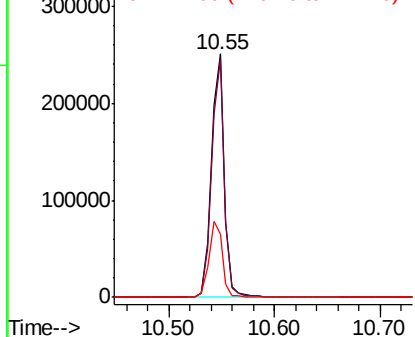
#41
 2,4,6-Tribromophenol
 Concen: 82.609 ng
 RT: 10.55 min Scan# 1396
 Delta R.T. -0.01 min
 Lab File: BF108848.D
 Acq: 7 Sep 2018 2:35

Instrument :
 BNA_F
 ClientSampleId :
 AOC2-03-BRE

Tgt Ion:330 Resp: 217288
 Ion Ratio Lower Upper
 330 100
 332 96.4 77.0 115.6
 141 32.2 29.9 44.9

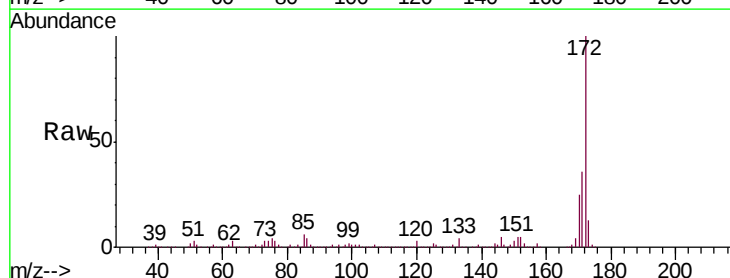


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

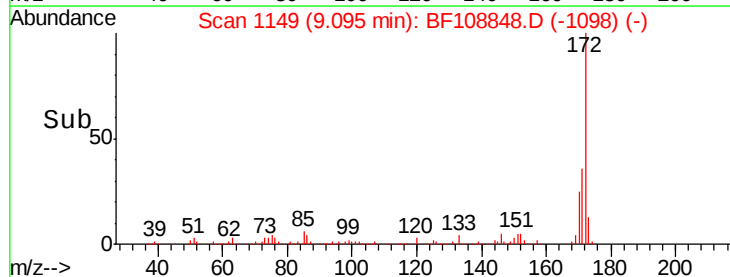
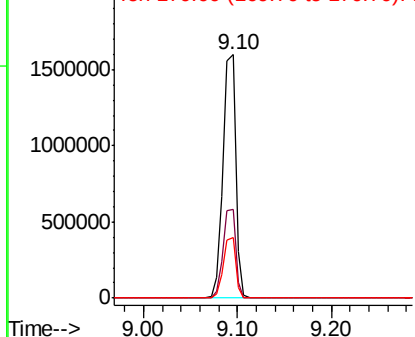


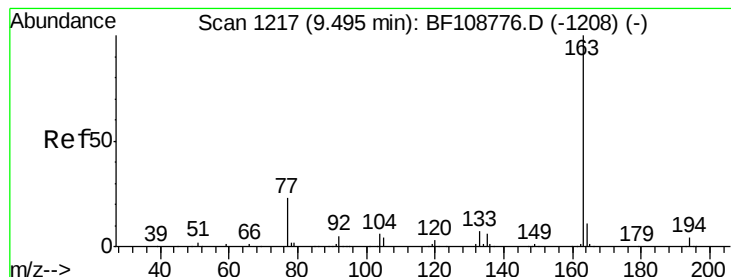
#44
 2-Fluorobiphenyl
 Concen: 94.443 ng
 RT: 9.10 min Scan# 1149
 Delta R.T. 0.00 min
 Lab File: BF108848.D
 Acq: 7 Sep 2018 2:35

Tgt Ion:172 Resp: 1525307
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.7 44.5
 170 24.8 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: 4.909 ng

RT: 9.48 min Scan# 1215

Delta R.T. -0.01 min

Lab File: BF108848.D

Acq: 7 Sep 2018 2:35

Instrument :

BNA_F

ClientSampleId :

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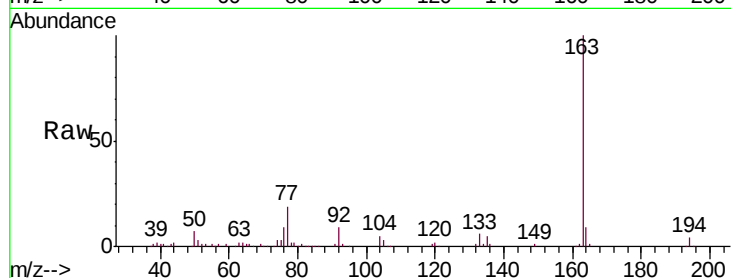
Tgt Ion:163 Resp: 94610

Ion Ratio Lower Upper

163 100

194 4.3 2.7 4.1#

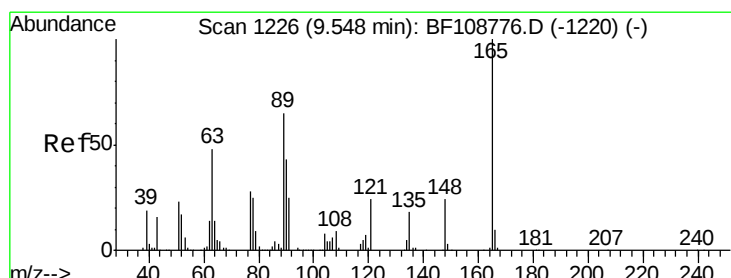
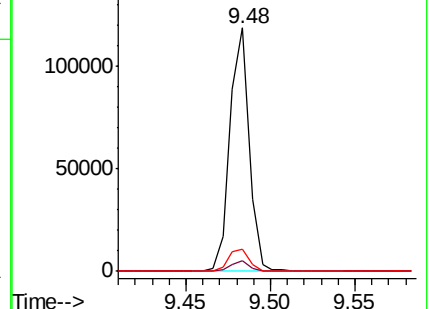
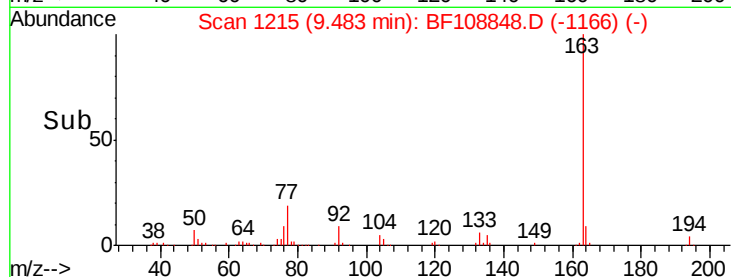
164 9.4 8.2 12.2



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



#50

2,6-Dinitrotoluene

Concen: 9.768 ng

RT: 9.77 min Scan# 1263

Delta R.T. 0.22 min

Lab File: BF108848.D

Acq: 7 Sep 2018 2:35

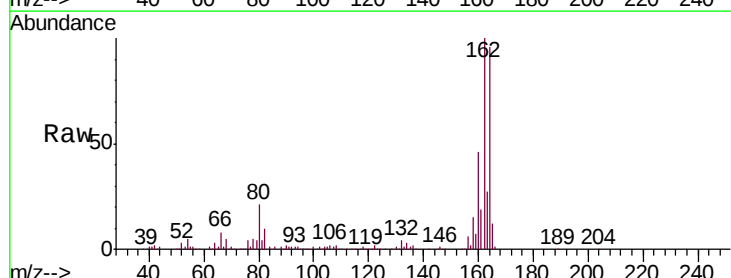
Tgt Ion:165 Resp: 35869

Ion Ratio Lower Upper

165 100

63 1.3 44.7 67.1#

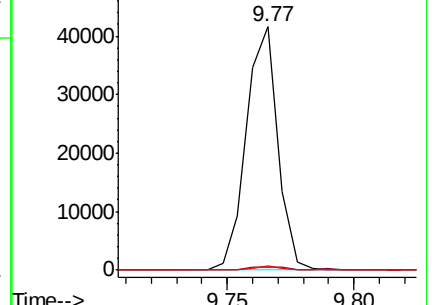
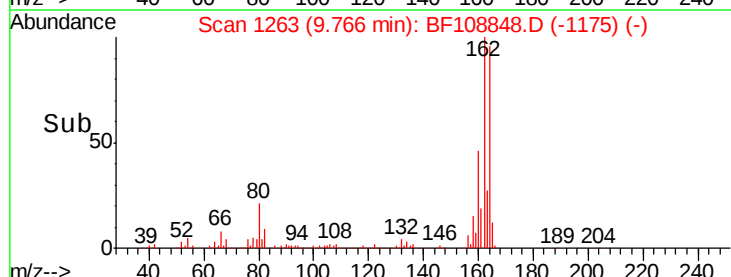
89 1.6 44.0 66.0#

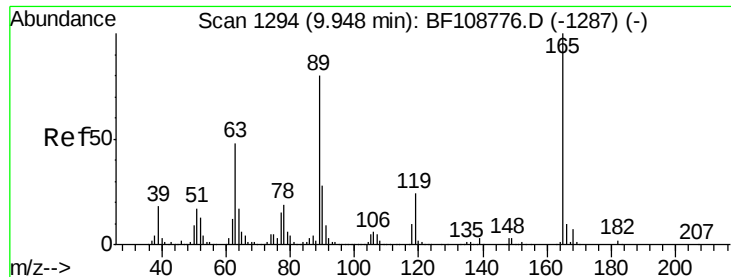


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

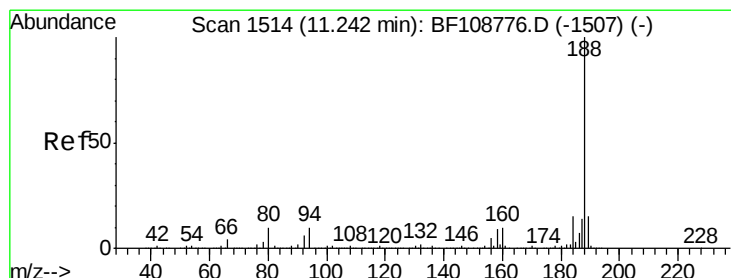
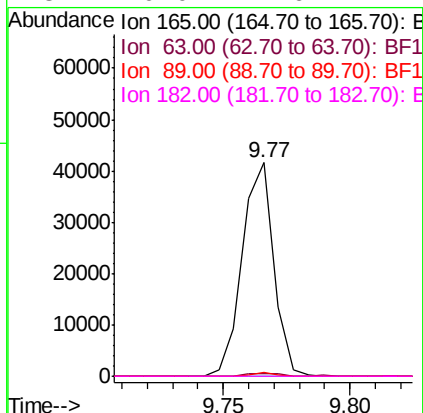
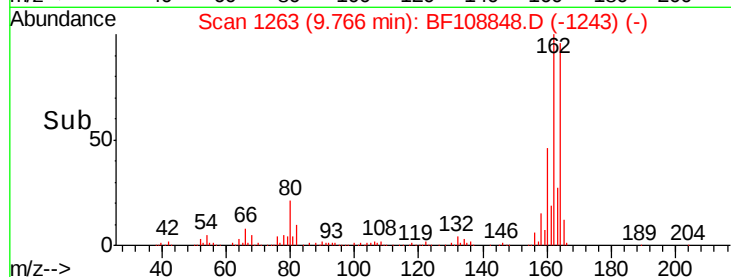
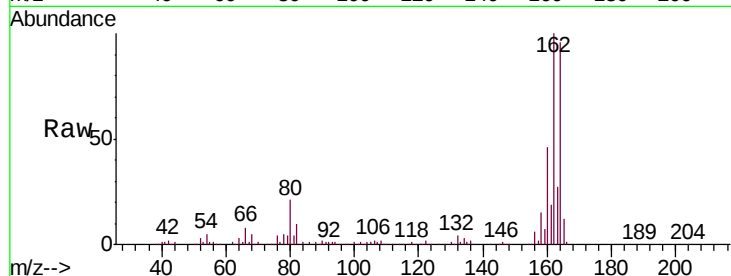




#56
2,4-Dinitrotoluene
Concen: 7.638 ng
RT: 9.77 min Scan# 1263
Delta R.T. -0.18 min
Lab File: BF108848.D
Acq: 7 Sep 2018 2:35

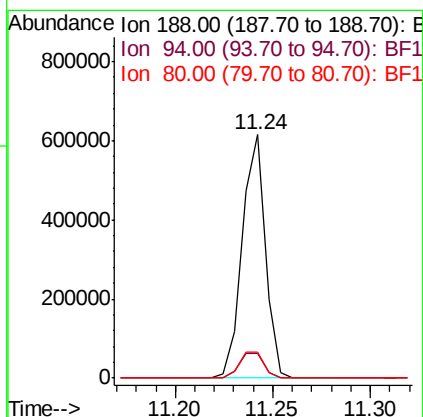
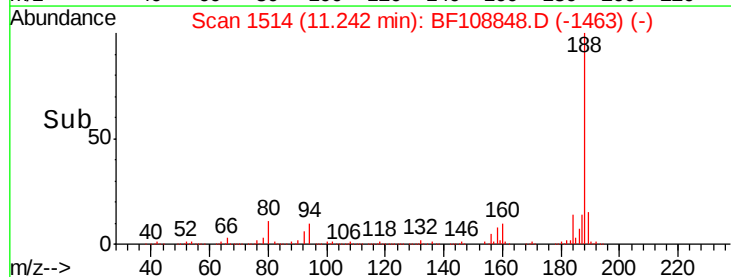
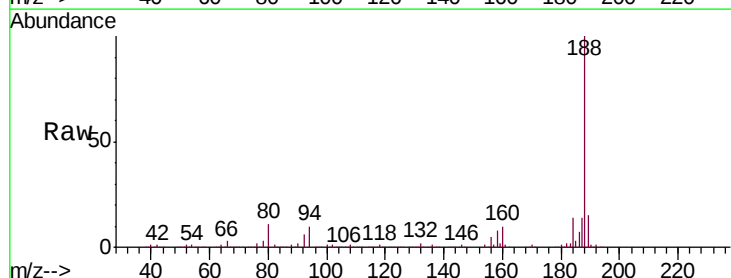
Instrument :
BNA_F
ClientSampleId :
AOC2-03-BRE

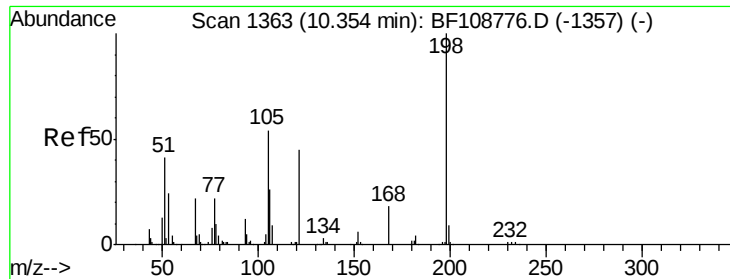
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	36.4	54.6#
89	1.6	57.8	86.6#
182	0.0	1.6	2.4#



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1514
Delta R.T. 0.00 min
Lab File: BF108848.D
Acq: 7 Sep 2018 2:35

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

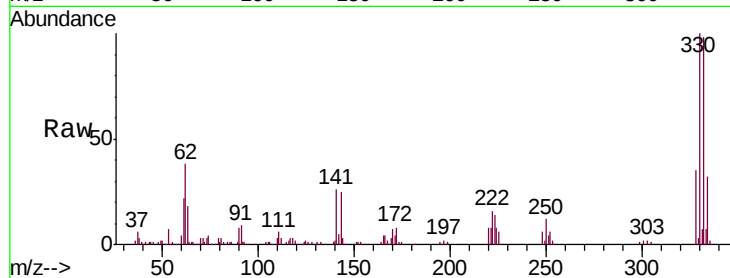




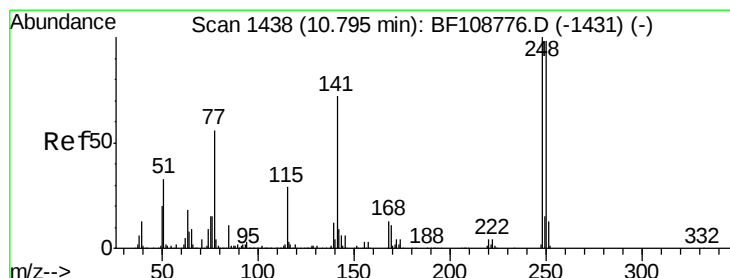
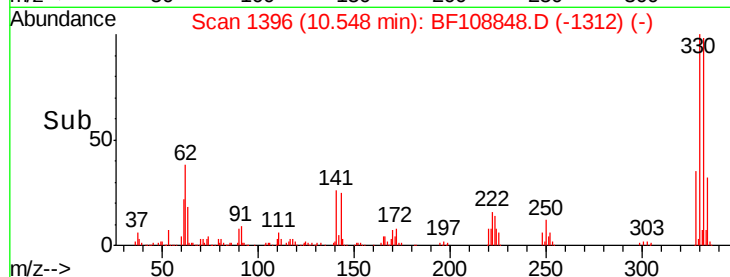
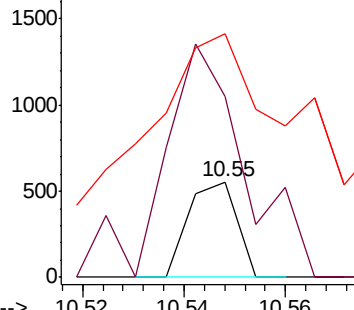
#64
 4,6-Dinitro-2-methylphenol
 Concen: 7.026 ng
 RT: 10.55 min Scan# 1396
 Delta R.T. 0.19 min
 Lab File: BF108848.D
 Acq: 7 Sep 2018 2:35

Instrument :
 BNA_F
 ClientSampleId :
 AOC2-03-BRE

Tgt Ion:198 Resp: 367
 Ion Ratio Lower Upper
 198 100
 51 189.2 37.7 77.7#
 105 254.6 36.3 76.3#

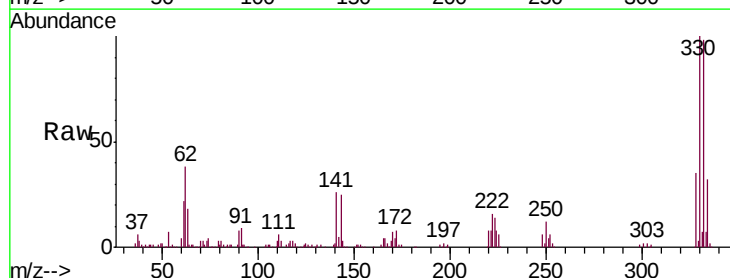


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

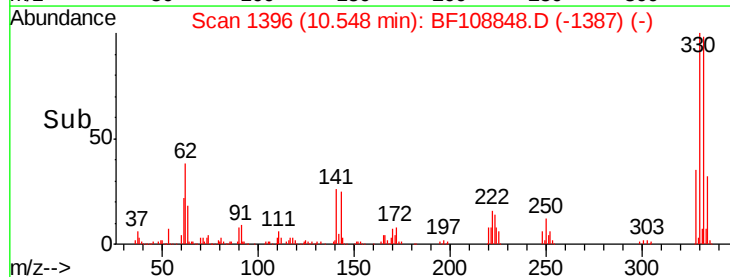
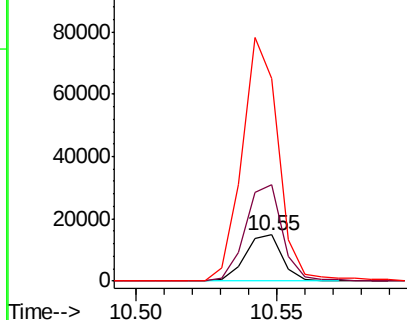


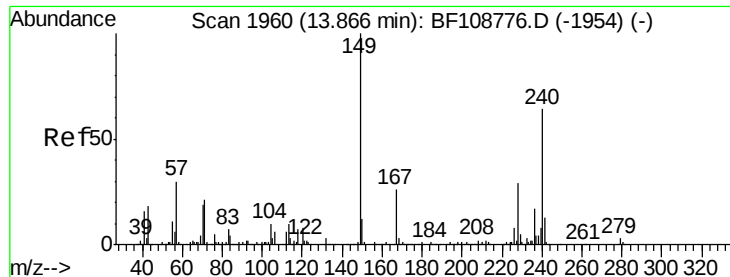
#66
 4-Bromophenyl-phenylether
 Concen: 2.328 ng
 RT: 10.55 min Scan# 1396
 Delta R.T. -0.25 min
 Lab File: BF108848.D
 Acq: 7 Sep 2018 2:35

Tgt Ion:248 Resp: 13343
 Ion Ratio Lower Upper
 248 100
 250 208.3 76.9 115.3#
 141 439.1 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: BF108848.D

Acq: 7 Sep 2018 2:35

Instrument :

BNA_F

ClientSampleId :

AOC2-03-BRE

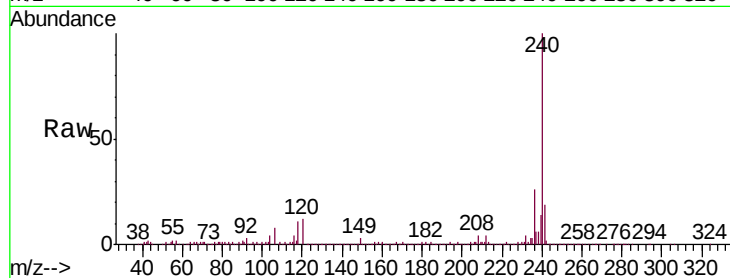
Tgt Ion:240 Resp: 558846

Ion Ratio Lower Upper

240 100

120 12.3 9.5 14.3

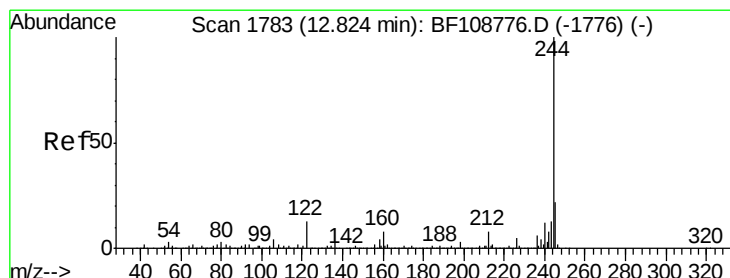
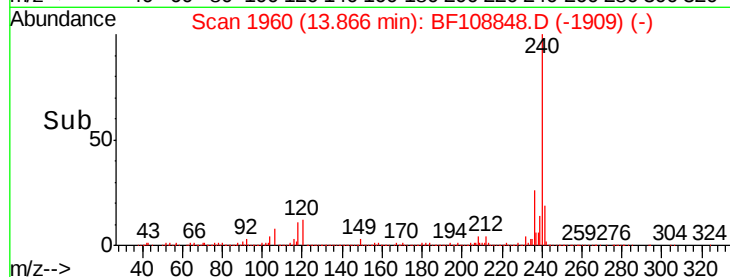
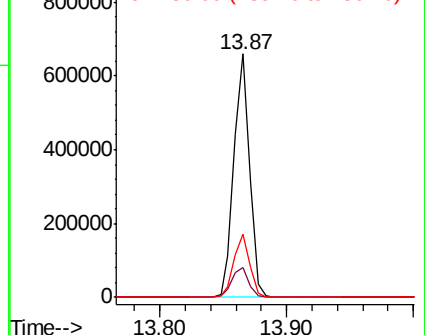
236 26.2 20.7 31.1



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: 63.708 ng

RT: 12.82 min Scan# 1783

Delta R.T. 0.00 min

Lab File: BF108848.D

Acq: 7 Sep 2018 2:35

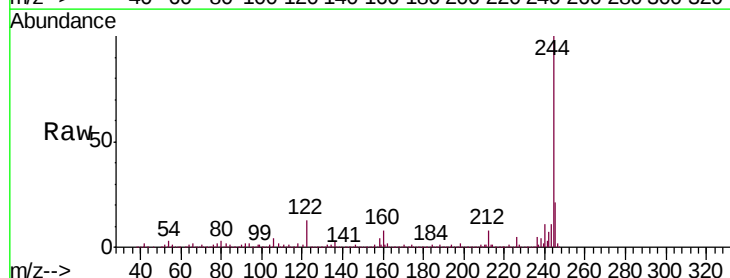
Tgt Ion:244 Resp: 1526780

Ion Ratio Lower Upper

244 100

212 7.6 5.4 8.0

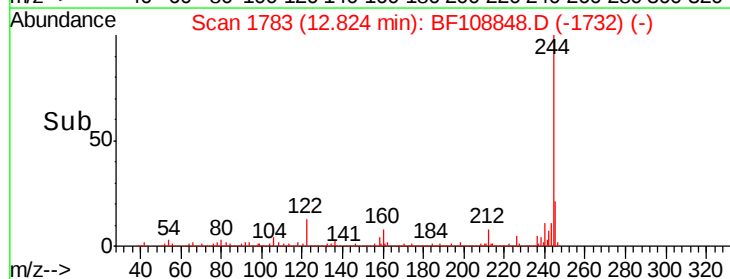
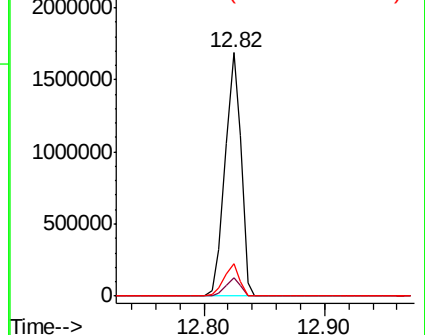
122 13.1 11.0 16.4

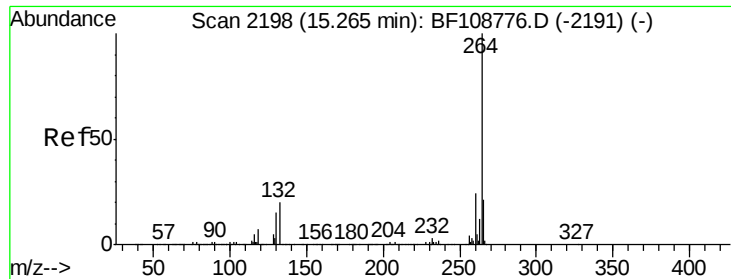


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.27 min Scan# 2199
Delta R.T. 0.01 min
Lab File: BF108848.D
Acq: 7 Sep 2018 2:35

Instrument :
BNA_F
ClientSampleId :
AOC2-03-BRE

Tgt Ion: 264 Resp: 466959
Ion Ratio Lower Upper
264 100
260 23.4 19.2 28.8
265 21.4 17.5 26.3

