

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090718\
 Data File : BF108857.D
 Acq On : 7 Sep 2018 13:44
 Operator : JU/SJ
 Sample : J4741-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AOC2-03-B

Quant Time: Sep 07 14:27:46 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

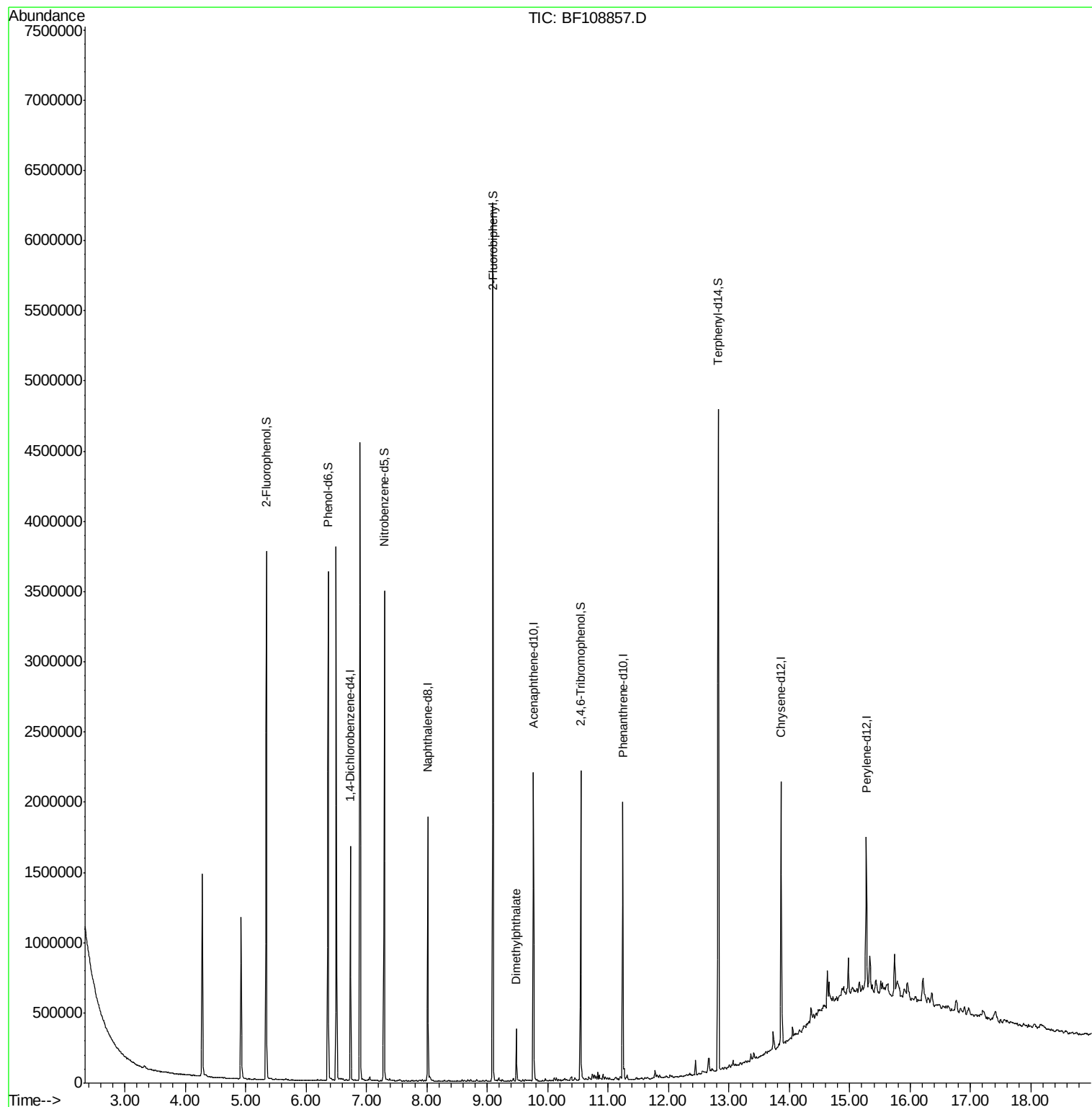
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	220055	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	834732	20.00	ng	0.00
38) Acenaphthene-d10	9.77	164	368365	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	620047	20.00	ng	0.00
75) Chrysene-d12	13.87	240	572042	20.00	ng	0.00
86) Perylene-d12	15.28	264	508850	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	1069868	80.54	ng	0.00
7) Phenol-d6	6.37	99	1411947	82.62	ng	0.00
23) Nitrobenzene-d5	7.30	82	1095869	82.16	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	247366	70.34	ng	0.00
44) 2-Fluorobiphenyl	9.10	172	1839851	85.21	ng	0.00
78) Terphenyl-d14	12.82	244	1628633	66.39	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.48	163	125448	4.869	ng	Qvalue 99

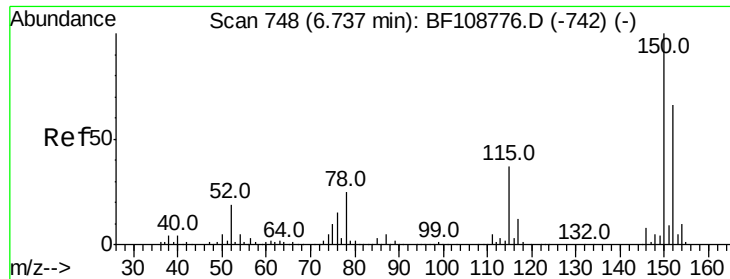
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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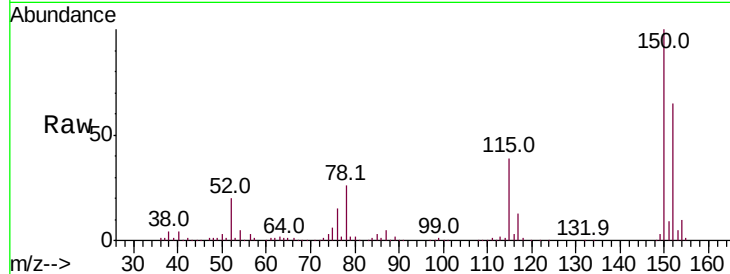


#1

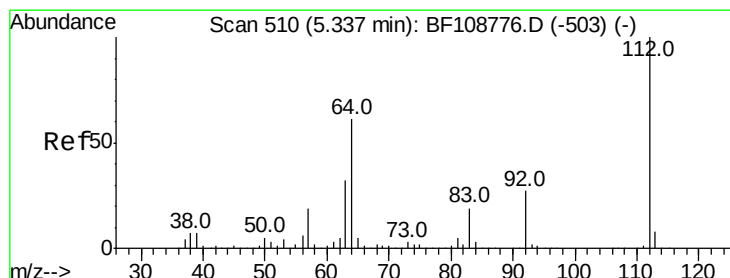
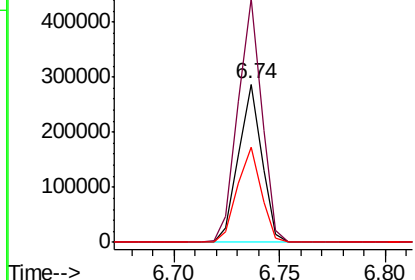
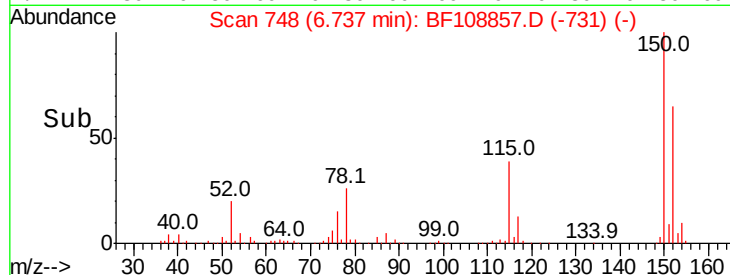
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.74 min Scan# 748
Delta R.T. -0.00 min
Lab File: BF108857.D
Acq: 7 Sep 2018 13:44

Instrument :
BNA_F
ClientSampleId :
AOC2-03-B

Tot Ion:152 Resp: 220055
Ion Ratio Lower Upper
152 100
150 153.9 124.6 186.8
115 60.4 50.1 75.1



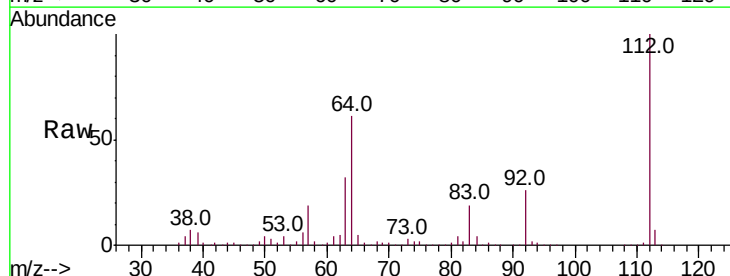
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



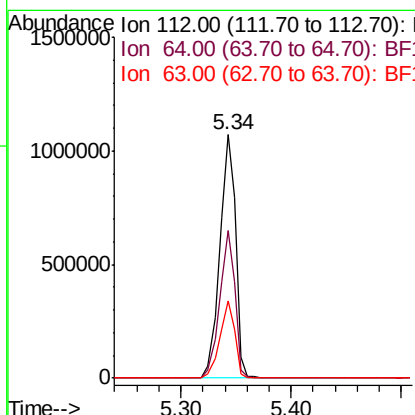
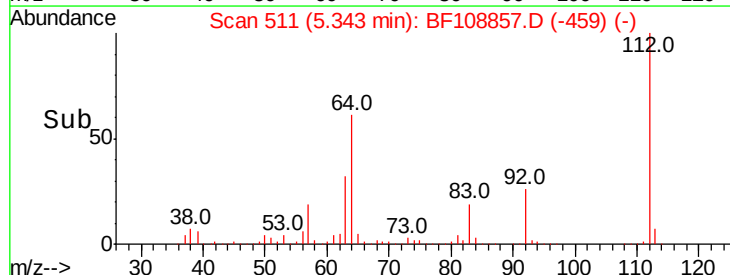
#5

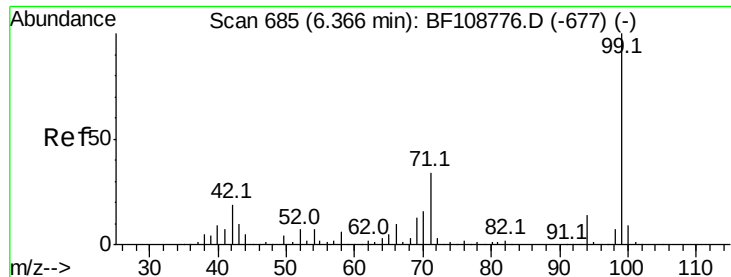
2-Fluorophenol
Concen: 80.544 ng
RT: 5.34 min Scan# 511
Delta R.T. 0.01 min
Lab File: BF108857.D
Acq: 7 Sep 2018 13:44

Tgt Ion:112 Resp: 1069868
Ion Ratio Lower Upper
112 100
64 60.6 47.9 71.9
63 31.5 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: 82.615 ng

RT: 6.37 min Scan# 686

Delta R.T. 0.01 min

Lab File: BF108857.D

Acq: 7 Sep 2018 13:44

Instrument :

BNA_F

ClientSampleId :

AOC2-03-B

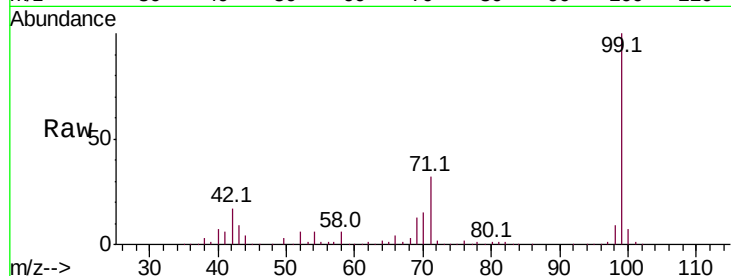
Tot Ion: 99 Resp: 1411947

Ion Ratio Lower Upper

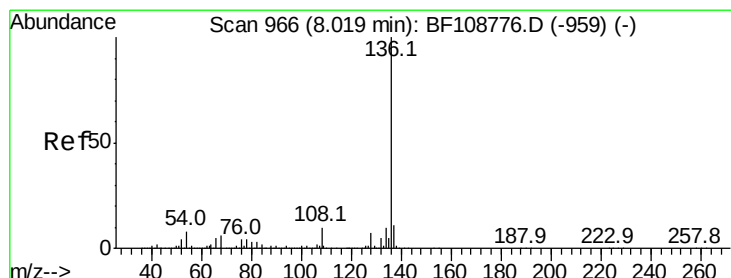
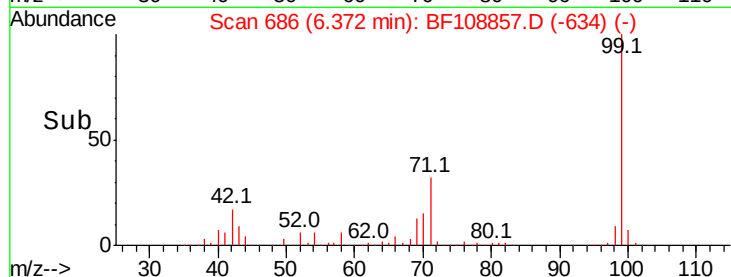
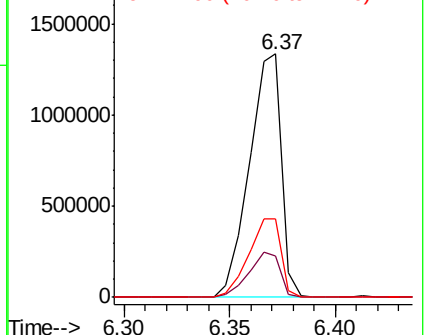
99 100

42 17.1 14.5 21.7

71 32.3 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.02 min Scan# 966

Delta R.T. -0.00 min

Lab File: BF108857.D

Acq: 7 Sep 2018 13:44

Tgt Ion:136 Resp: 834732

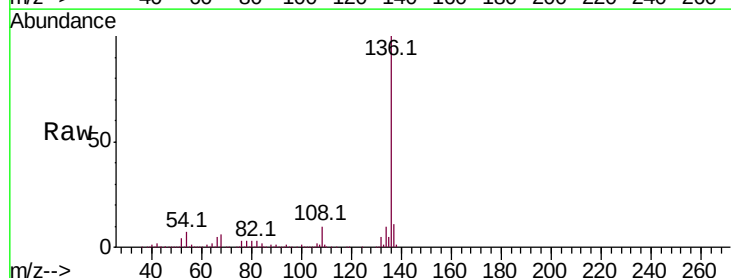
Ion Ratio Lower Upper

136 100

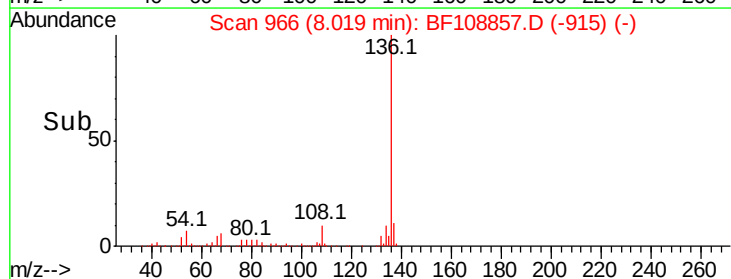
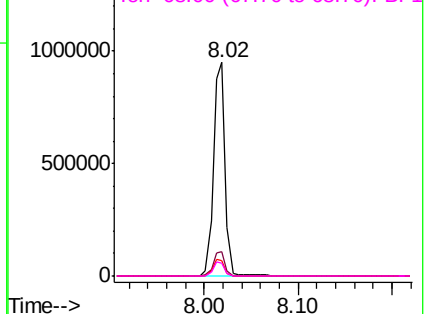
137 11.3 8.9 13.3

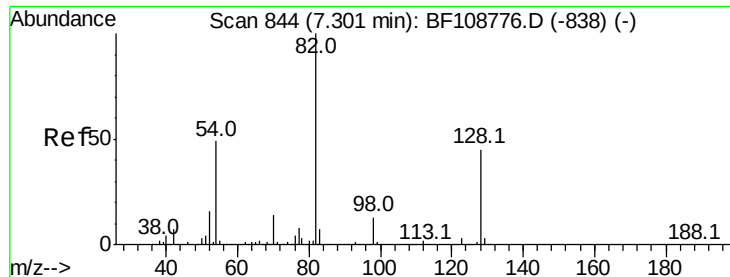
54 7.0 6.6 9.8

68 6.0 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



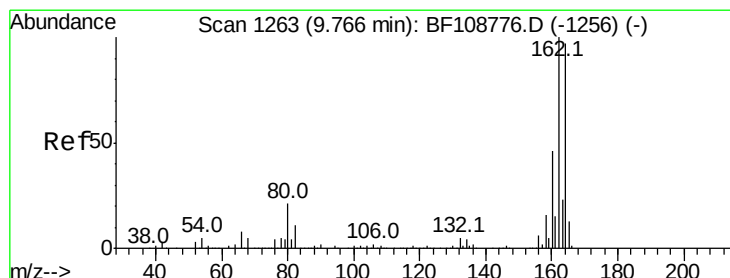
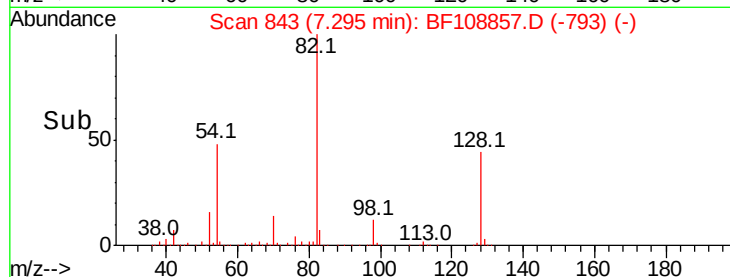
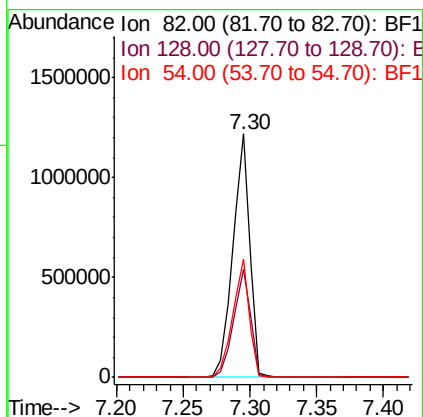
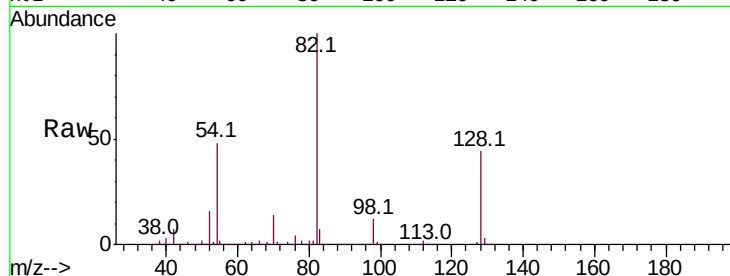


#23
 Nitrobenzene-d5
 Concen: 82.159 ng
 RT: 7.30 min Scan# 843
 Delta R.T. -0.01 min
 Lab File: BF108857.D
 Acq: 7 Sep 2018 13:44

Instrument :
 BNA_F
 ClientSampleId :
 AOC2-03-B

Tot Ion: 82 Resp: 1095869

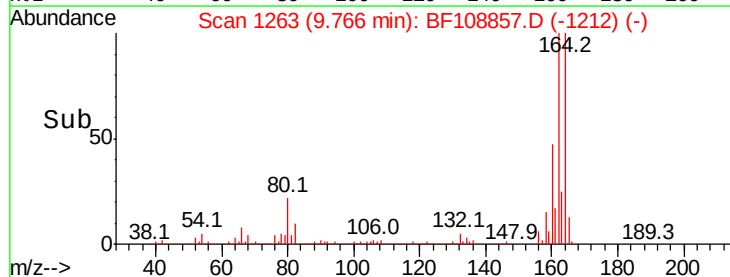
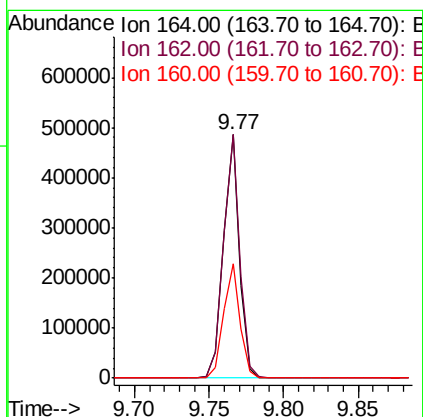
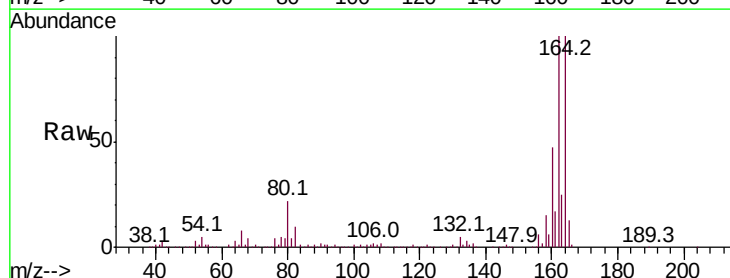
Ion	Ratio	Lower	Upper
82	100		
128	44.1	36.1	54.1
54	48.5	41.4	62.2

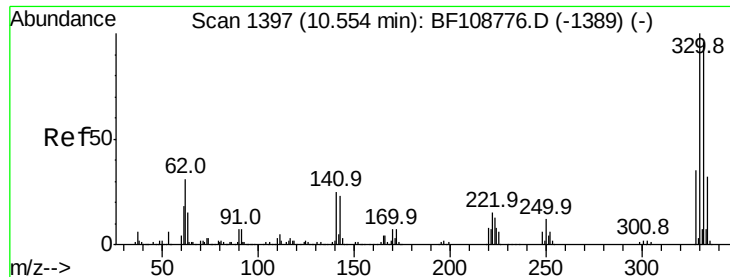


#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.77 min Scan# 1263
 Delta R.T. -0.00 min
 Lab File: BF108857.D
 Acq: 7 Sep 2018 13:44

Tgt Ion: 164 Resp: 368365

Ion	Ratio	Lower	Upper
164	100		
162	100.0	86.1	129.1
160	46.7	38.3	57.5

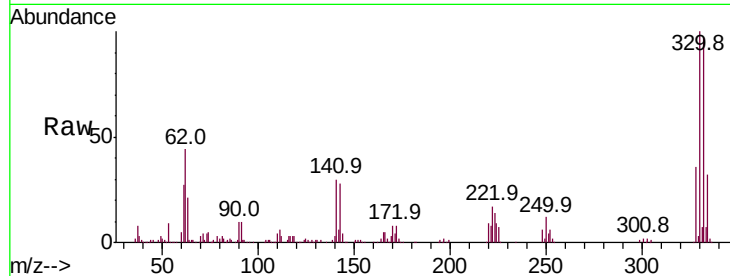




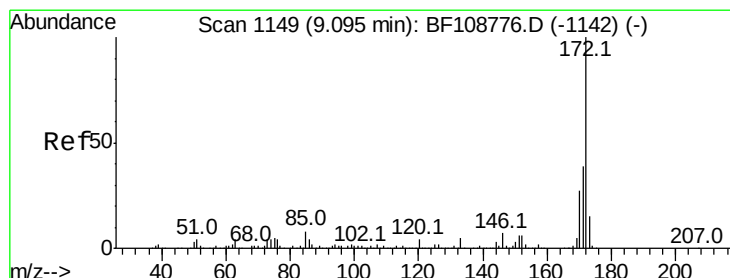
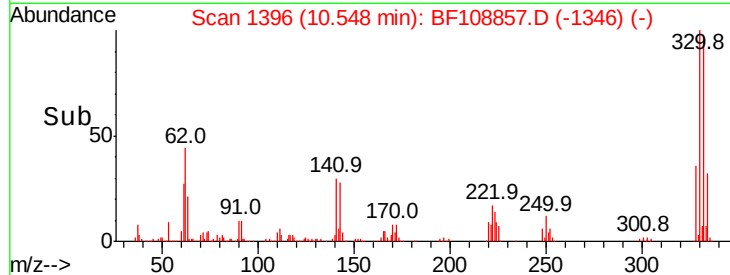
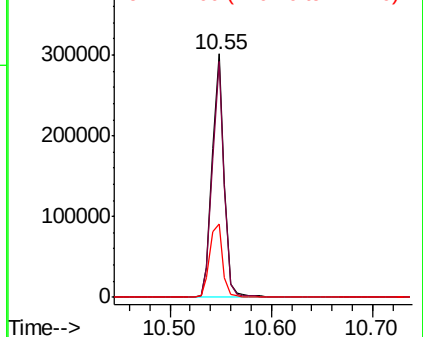
#41
 2,4,6-Tribromophenol
 Concen: 70.343 ng
 RT: 10.55 min Scan# 1396
 Delta R.T. -0.01 min
 Lab File: BF108857.D
 Acq: 7 Sep 2018 13:44

Instrument :
 BNA_F
 ClientSampleId :
 AOC2-03-B

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.0	115.6
141	33.1	29.9	44.9

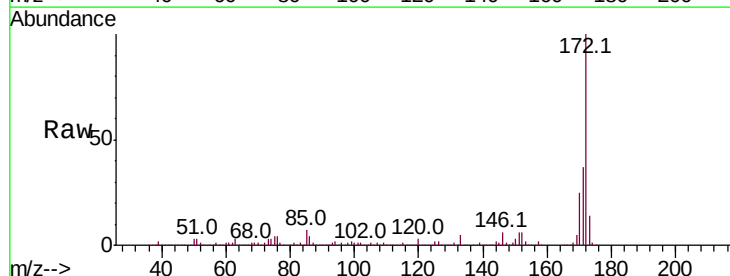


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

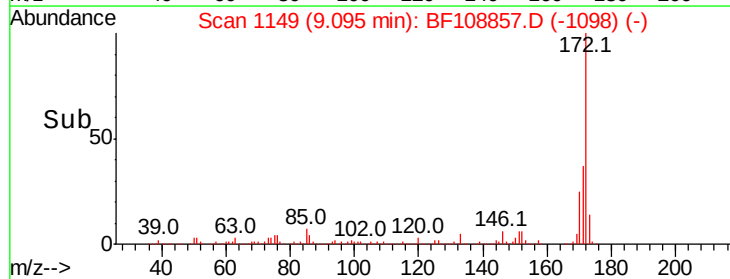
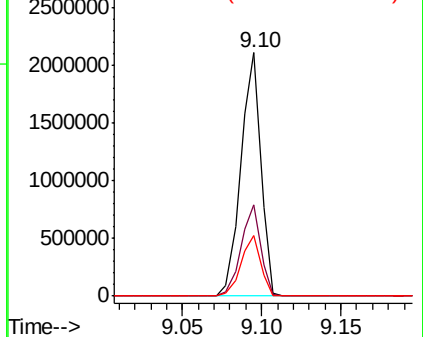


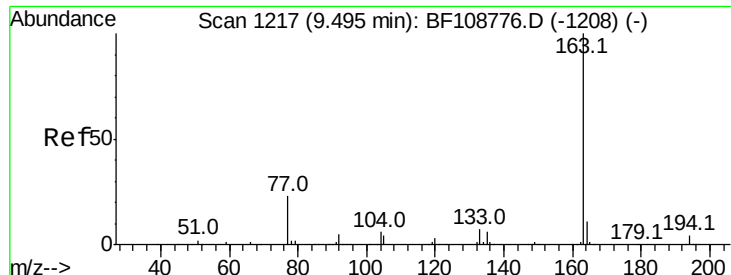
#44
 2-Fluorobiphenyl
 Concen: 85.208 ng
 RT: 9.10 min Scan# 1149
 Delta R.T. -0.00 min
 Lab File: BF108857.D
 Acq: 7 Sep 2018 13:44

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.4	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

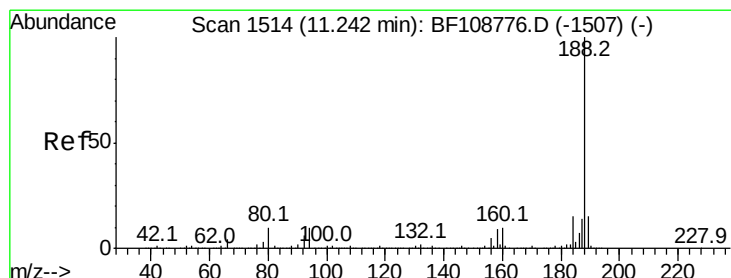
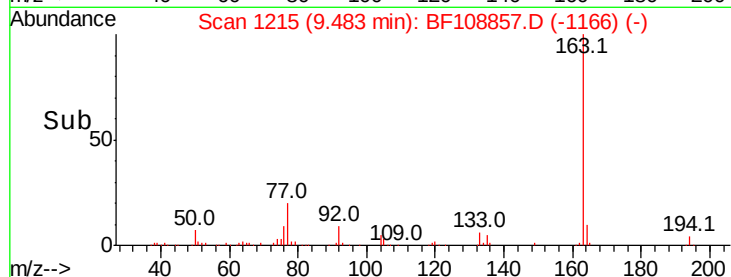
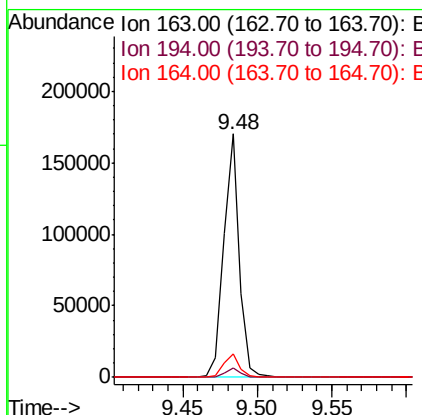
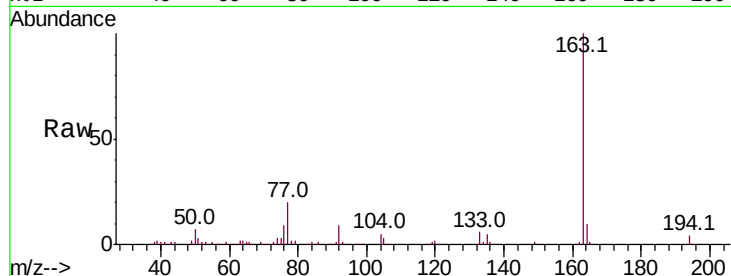




#49
Dimethylphthalate
Concen: 4.869 ng
RT: 9.48 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BF108857.D
Acq: 7 Sep 2018 13:44

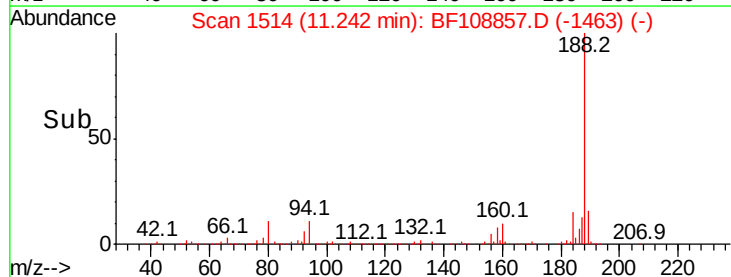
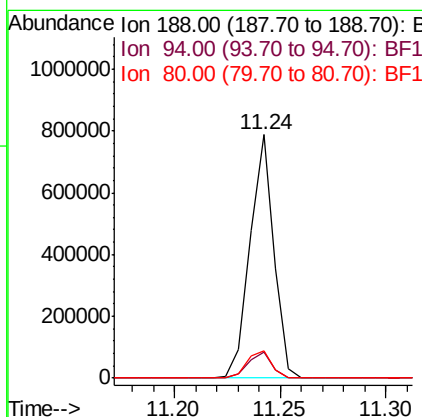
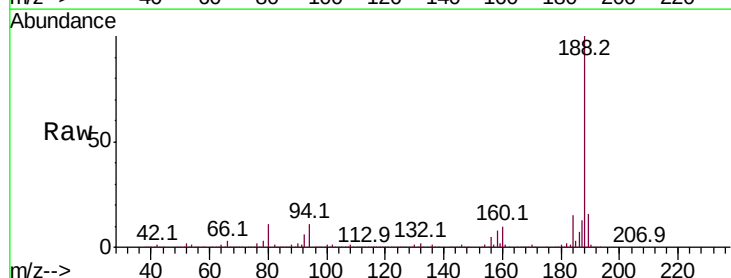
Instrument :
BNA_F
ClientSampleId :
AOC2-03-B

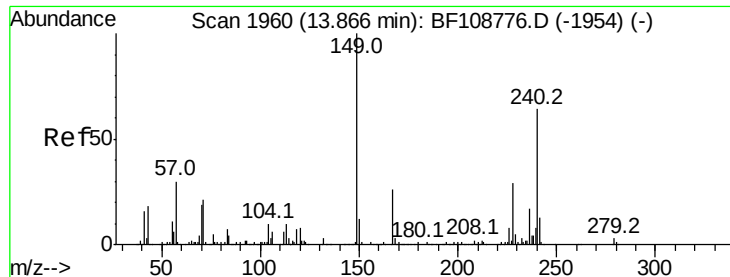
Tot Ion:163 Resp: 125448
Ion Ratio Lower Upper
163 100
194 3.8 2.7 4.1
164 9.8 8.2 12.2



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1514
Delta R.T. -0.00 min
Lab File: BF108857.D
Acq: 7 Sep 2018 13:44

Tgt Ion:188 Resp: 620047
Ion Ratio Lower Upper
188 100
94 10.8 8.5 12.7
80 11.1 9.2 13.8





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.87 min Scan# 1960

Delta R.T. -0.00 min

Lab File: BF108857.D

Acq: 7 Sep 2018 13:44

Instrument :

BNA_F

ClientSampleId :

AOC2-03-B

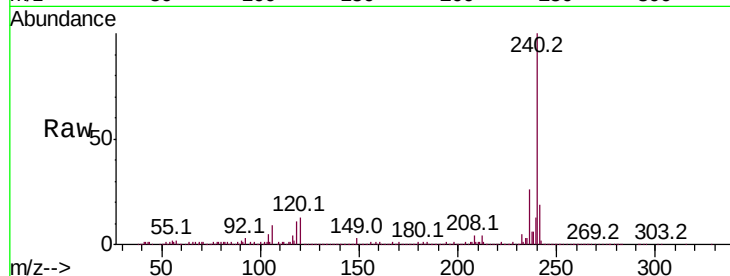
Tot Ion:240 Resp: 572042

Ion Ratio Lower Upper

240 100

120 12.9 9.5 14.3

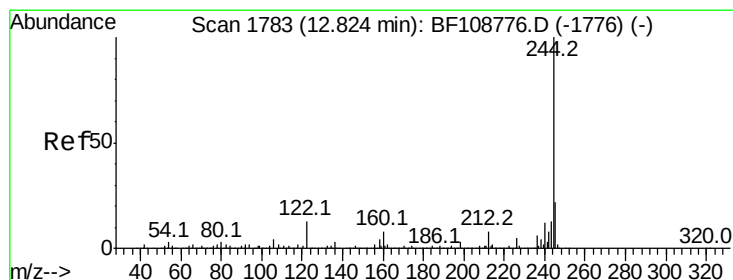
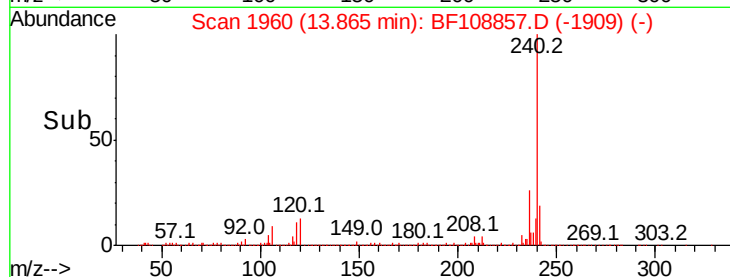
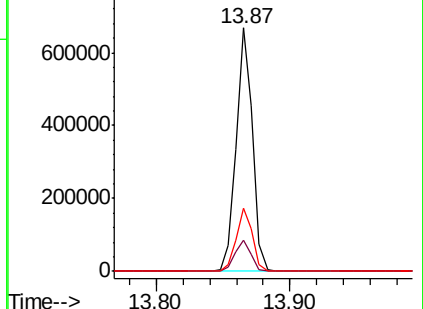
236 25.9 20.7 31.1



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: 66.390 ng

RT: 12.82 min Scan# 1783

Delta R.T. 0.00 min

Lab File: BF108857.D

Acq: 7 Sep 2018 13:44

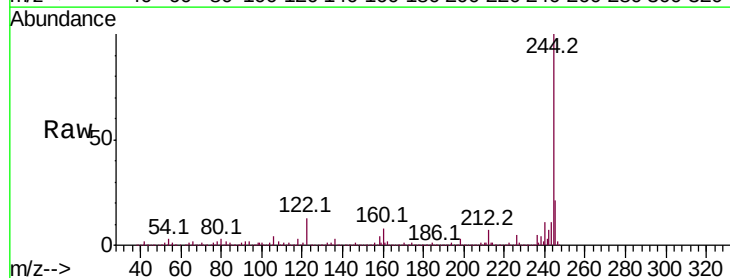
Tgt Ion:244 Resp: 1628633

Ion Ratio Lower Upper

244 100

212 7.5 5.4 8.0

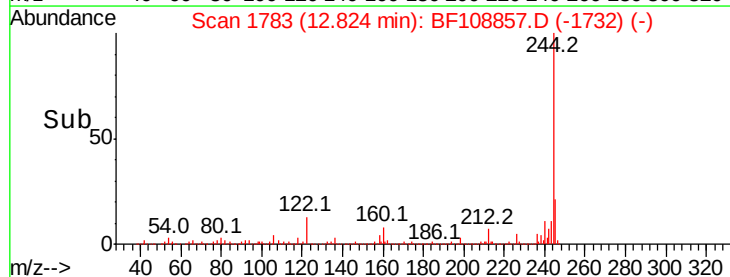
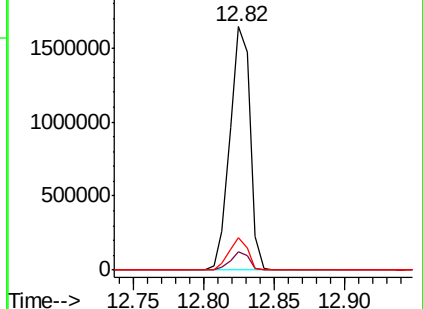
122 13.4 11.0 16.4

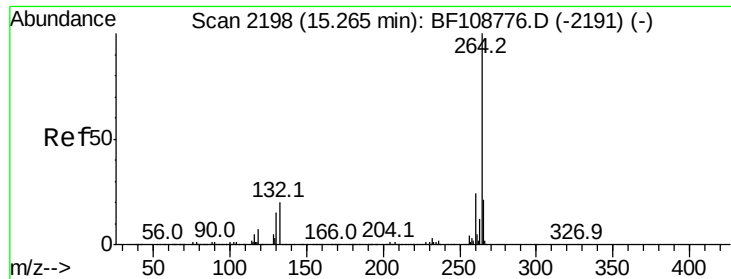


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

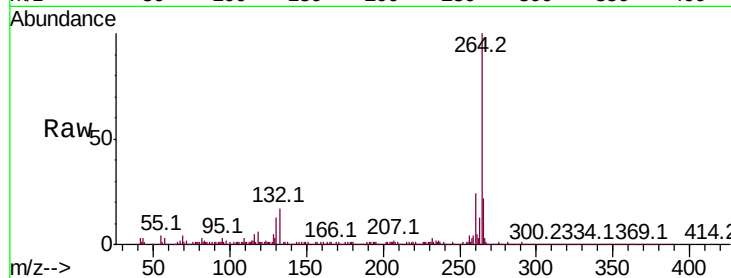




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.28 min Scan# 2200
Delta R.T. 0.01 min
Lab File: BF108857.D
Acq: 7 Sep 2018 13:44

Instrument :
BNA_F
ClientSampleId :
AOC2-03-B

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	22.0	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

