

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090518\
 Data File : BF108793.D
 Acq On : 5 Sep 2018 23:55
 Operator : JU/SJ
 Sample : J4741-02 5X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AOC2-03-B

Quant Time: Sep 06 07:04:58 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	268438	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	986384	20.00	ng	0.00
38) Acenaphthene-d10	9.77	164	394185	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	651271	20.00	ng	0.00
75) Chrysene-d12	13.87	240	616655	20.00	ng	0.00
86) Perylene-d12	15.27	264	471813	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	5736	0.35	ng	0.00
7) Phenol-d6	6.35	99	29414	1.41	ng	-0.02
23) Nitrobenzene-d5	7.28	82	35176	2.23	ng	-0.02
41) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
44) 2-Fluorobiphenyl	9.09	172	81378	3.52	ng	0.00
78) Terphenyl-d14	12.82	244	67760	2.56	ng	0.00

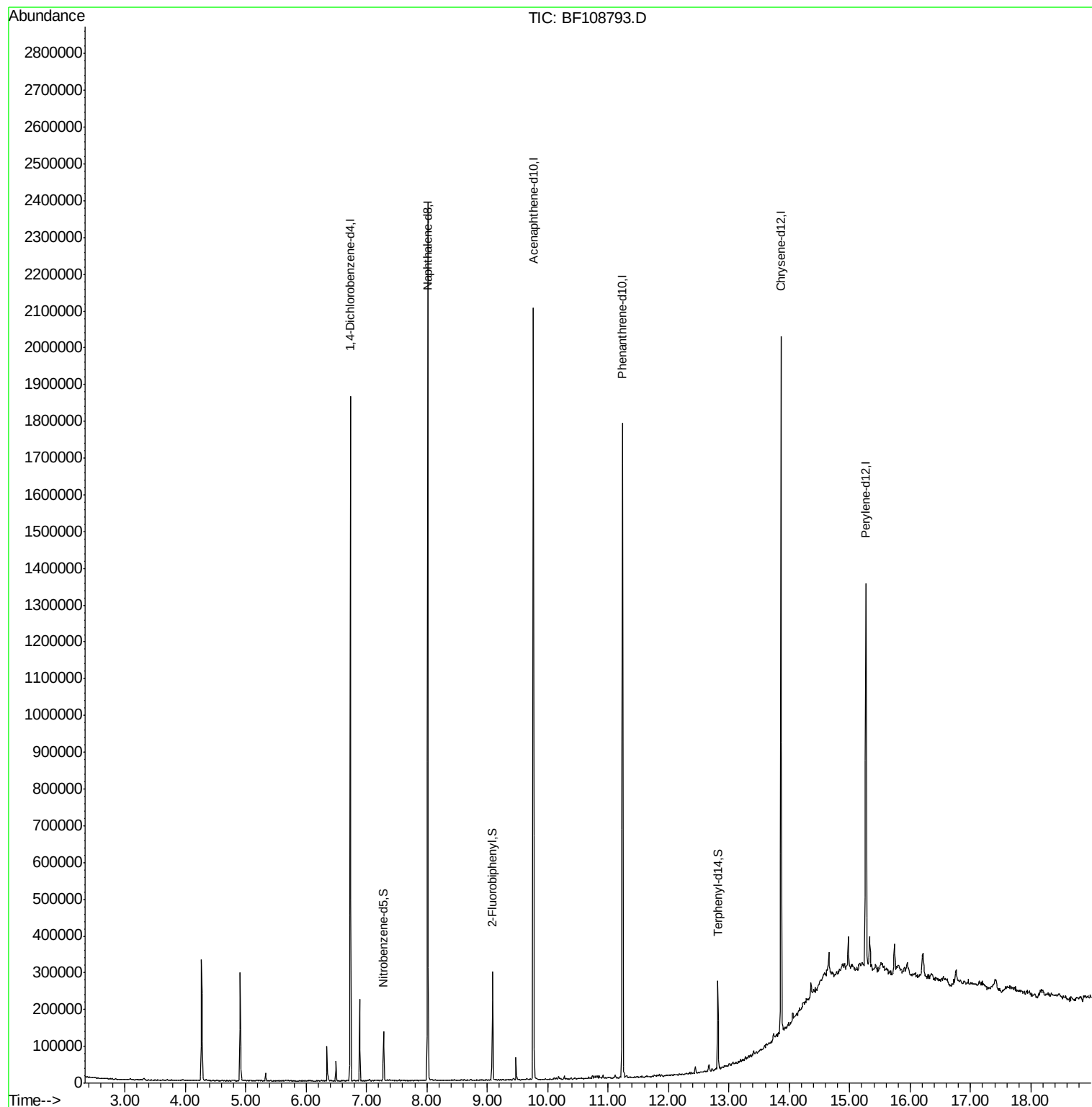
Target Compounds Qvalue

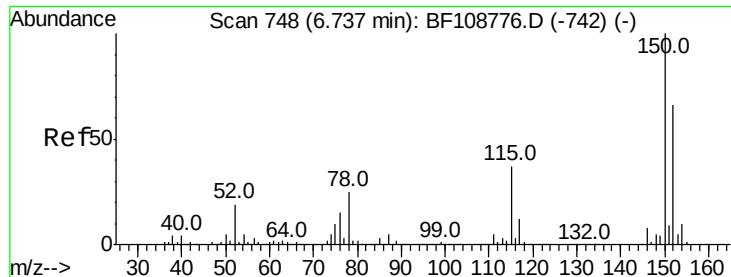
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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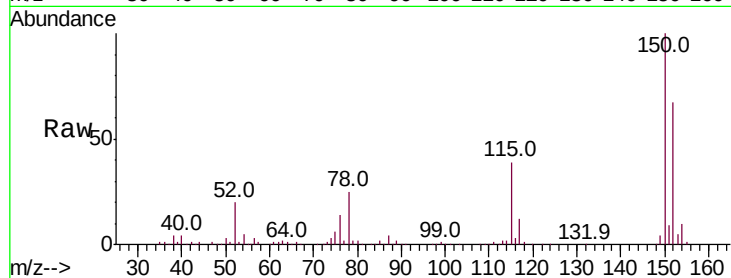


#1

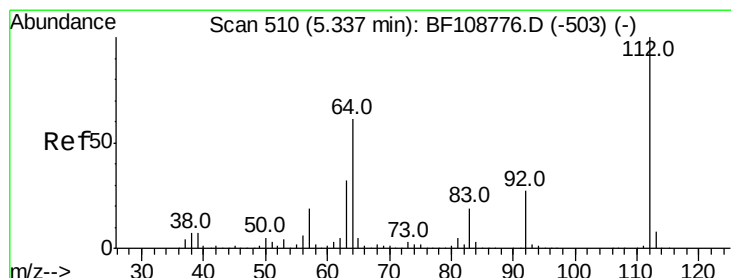
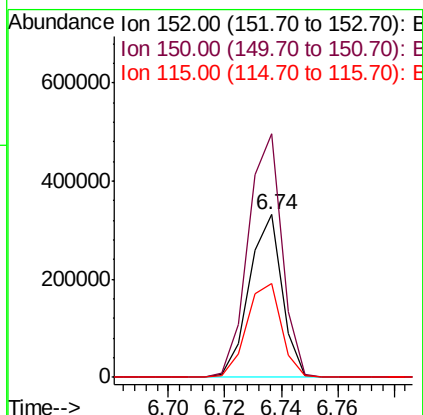
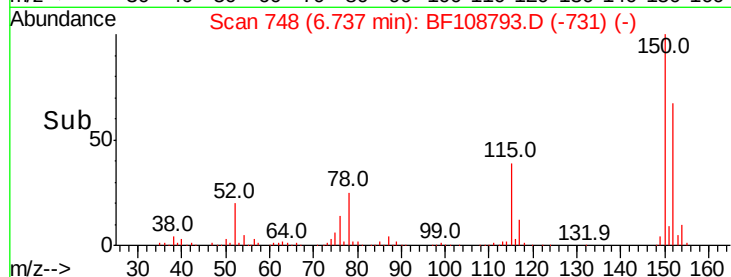
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.74 min Scan# 748
Delta R.T. -0.00 min
Lab File: BF108793.D
Acq: 5 Sep 2018 23:55

Instrument :
BNA_F
ClientSampleId :
AOC2-03-B

Tot Ion:152 Resp: 268438
Ion Ratio Lower Upper
152 100
150 149.7 124.6 186.8
115 58.1 50.1 75.1



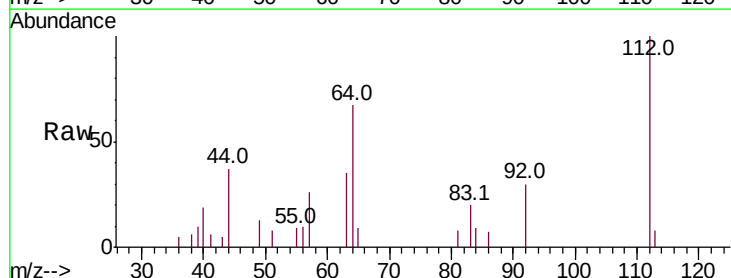
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



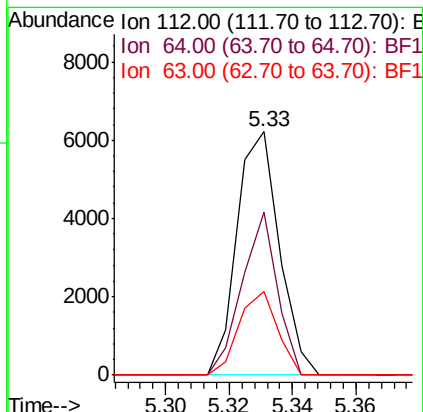
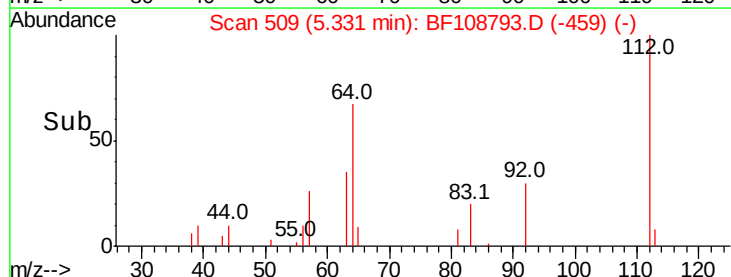
#5

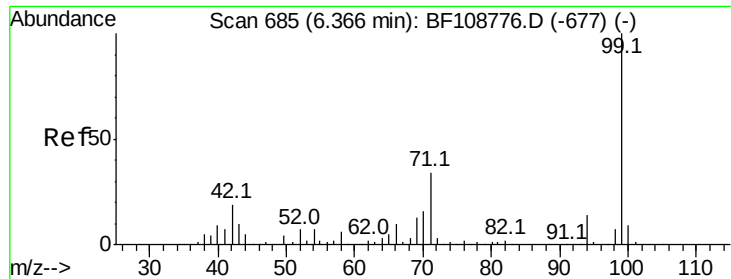
2-Fluorophenol
Concen: 0.354 ng
RT: 5.33 min Scan# 509
Delta R.T. -0.01 min
Lab File: BF108793.D
Acq: 5 Sep 2018 23:55

Tgt Ion:112 Resp: 5736
Ion Ratio Lower Upper
112 100
64 66.8 47.9 71.9
63 34.5 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: 1.411 ng

RT: 6.35 min Scan# 682

Delta R.T. -0.02 min

Lab File: BF108793.D

Acq: 5 Sep 2018 23:55

Instrument :

BNA_F

ClientSampleId :

AOC2-03-B

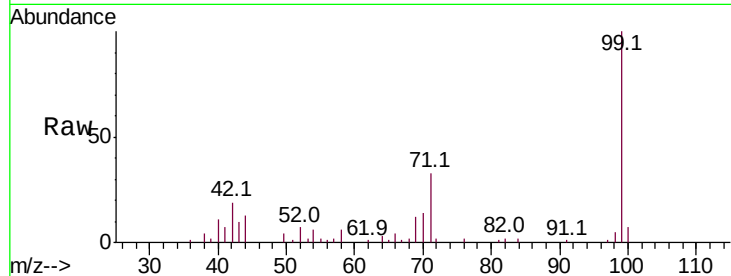
Tot Ion: 99 Resp: 29414

Ion Ratio Lower Upper

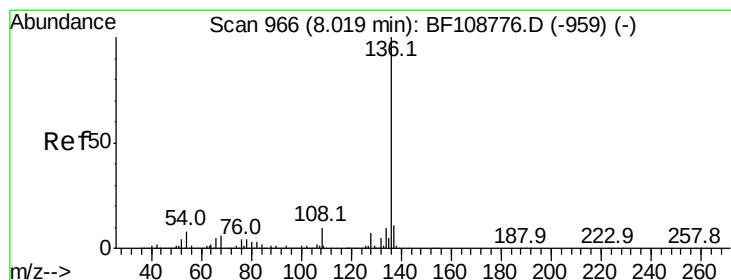
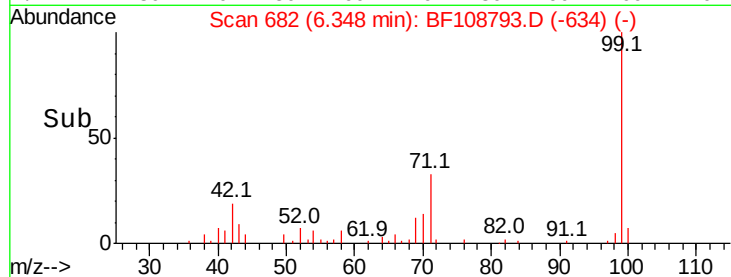
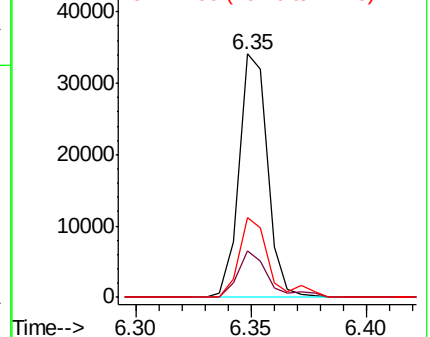
99 100

42 19.3 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.01 min Scan# 965

Delta R.T. -0.01 min

Lab File: BF108793.D

Acq: 5 Sep 2018 23:55

Tgt Ion: 136 Resp: 986384

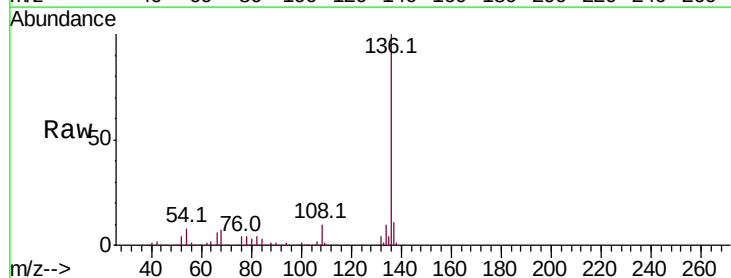
Ion Ratio Lower Upper

136 100

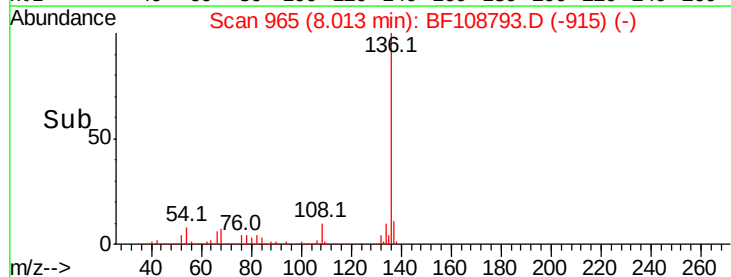
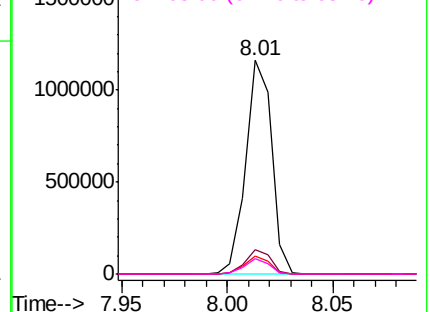
137 11.3 8.9 13.3

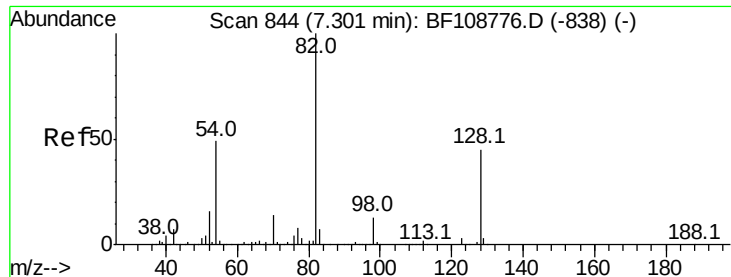
54 8.3 6.6 9.8

68 7.2 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

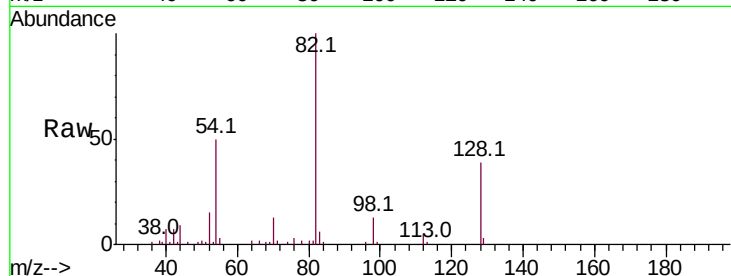




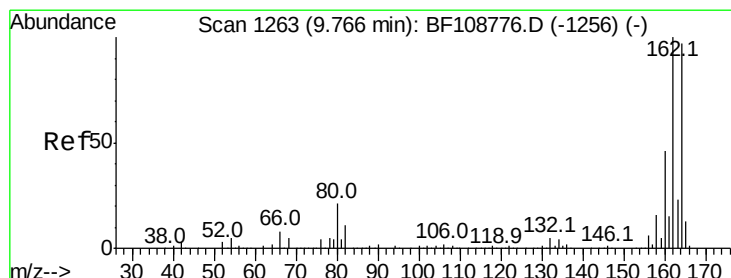
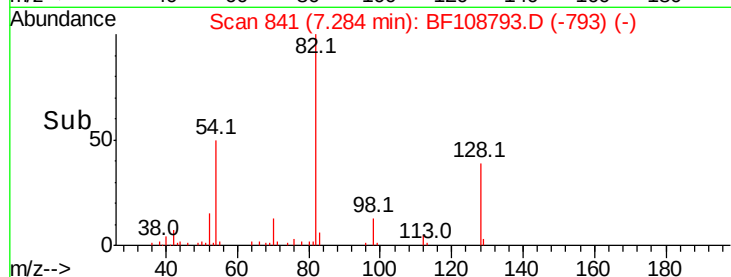
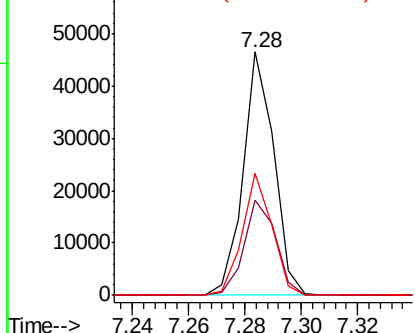
#23
 Nitrobenzene-d5
 Concen: 2.232 ng
 RT: 7.28 min Scan# 841
 Delta R.T. -0.02 min
 Lab File: BF108793.D
 Acq: 5 Sep 2018 23:55

Instrument :
 BNA_F
 ClientSampleId :
 AOC2-03-B

Tot Ion	82	Resp	35176
Ion Ratio	Lower	Upper	
82	100		
128	39.0	36.1	54.1
54	50.0	41.4	62.2

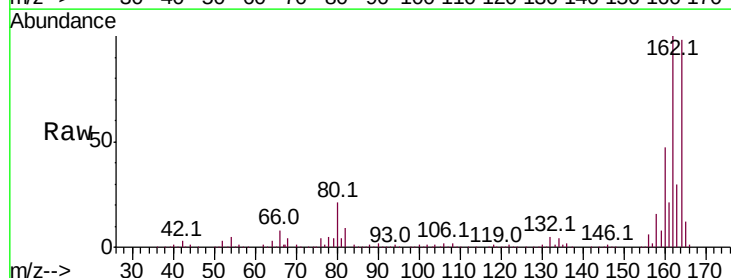


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

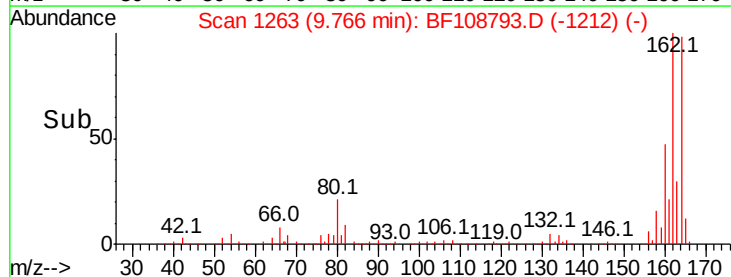
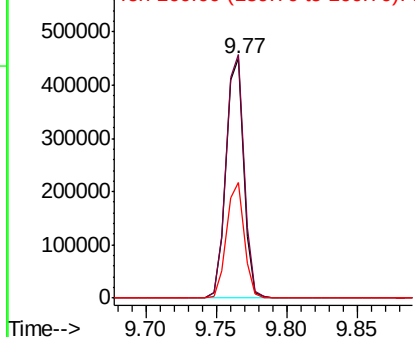


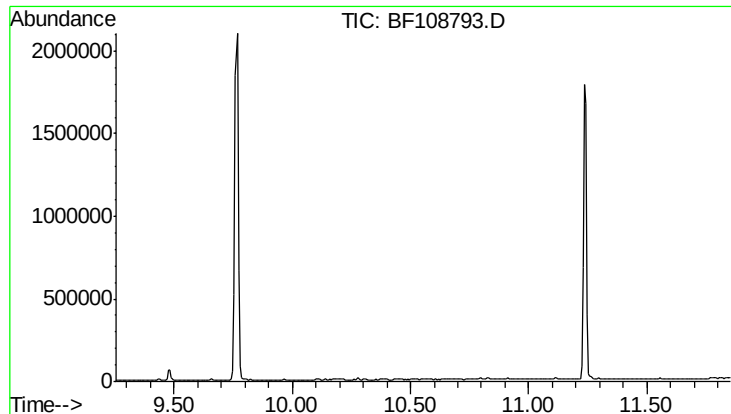
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.77 min Scan# 1263
 Delta R.T. -0.00 min
 Lab File: BF108793.D
 Acq: 5 Sep 2018 23:55

Tgt Ion	164	Resp	394185
Ion Ratio	Lower	Upper	
164	100		
162	101.7	86.1	129.1
160	48.2	38.3	57.5



Abundance Ion 164.00 (163.70 to 164.70): BF1
 Ion 162.00 (161.70 to 162.70): BF1
 Ion 160.00 (159.70 to 160.70): BF1

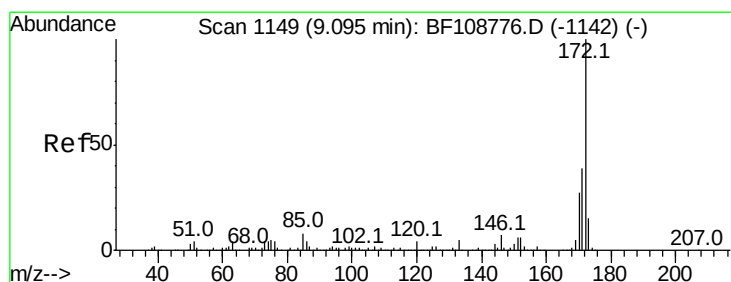
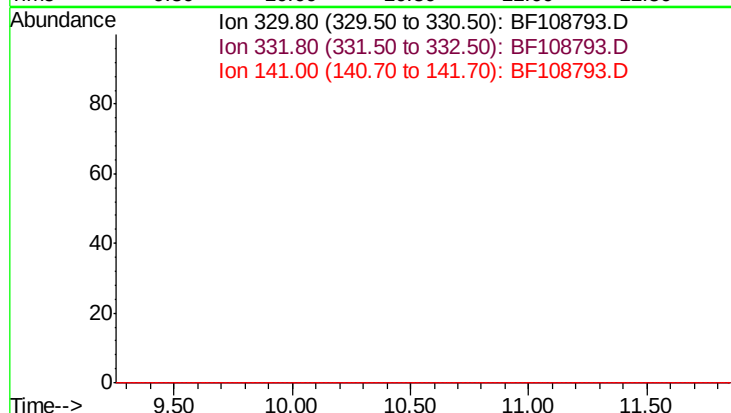




#41
 2,4,6-Tribromophenol
 Concen: 0.000 ng
 Expected RT: 10.55 min
 Lab File: BF108793.D
 Acq: 5 Sep 2018 23:55

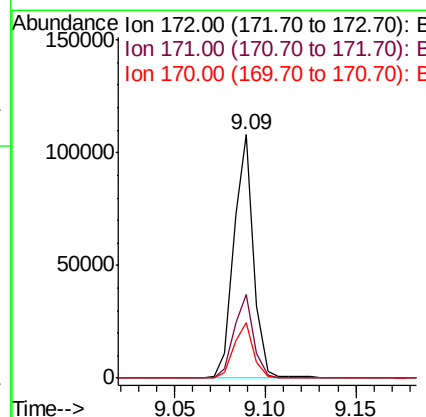
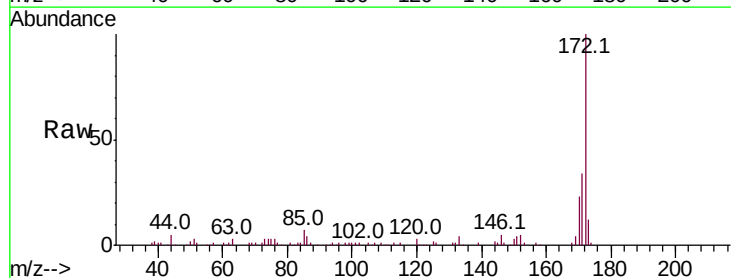
Instrument :
 BNA_F
 ClientSampleId :
 AOC2-03-B

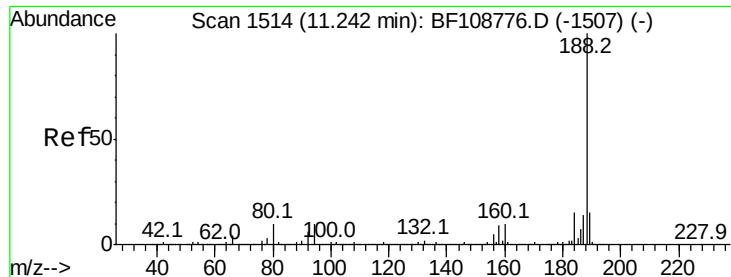
Tot Ion: 330
 Sig Exp Ratio
 330 100
 332 96.3
 141 37.4



#44
 2-Fluorobiphenyl
 Concen: 3.522 ng
 RT: 9.09 min Scan# 1148
 Delta R.T. -0.01 min
 Lab File: BF108793.D
 Acq: 5 Sep 2018 23:55

Tgt Ion: 172 Resp: 81378
 Ion Ratio Lower Upper
 172 100
 171 34.3 29.7 44.5
 170 22.9 19.6 29.4

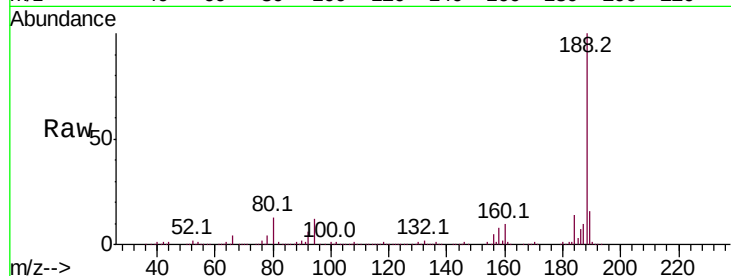




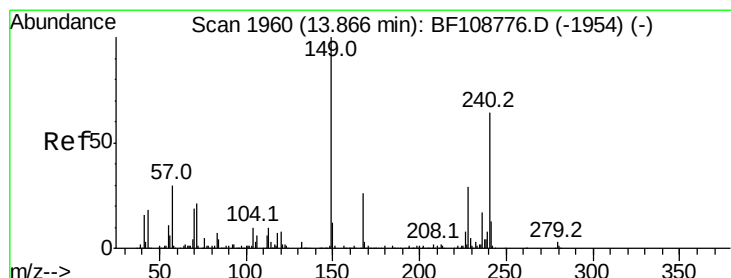
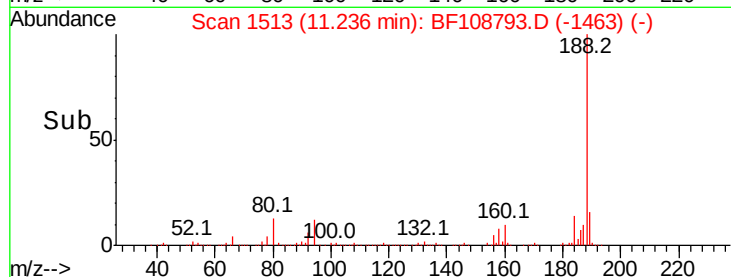
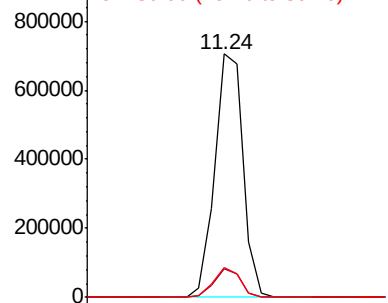
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1513
Delta R.T. -0.01 min
Lab File: BF108793.D
Acq: 5 Sep 2018 23:55

Instrument :
BNA_F
ClientSampleId :
AOC2-03-B

Tot Ion:188 Resp: 651271
Ion Ratio Lower Upper
188 100
94 11.8 8.5 12.7
80 12.5 9.2 13.8

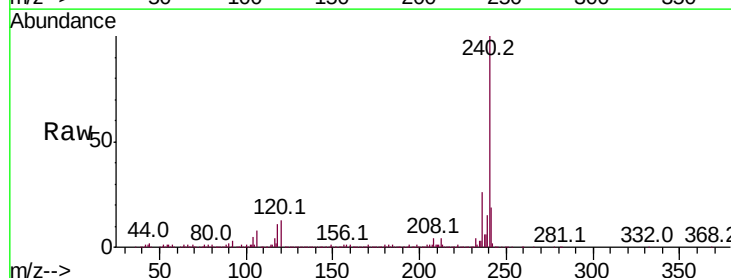


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

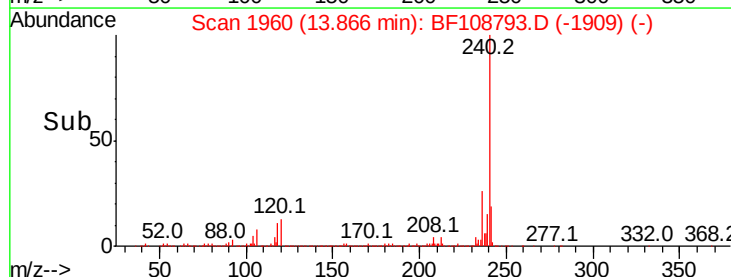
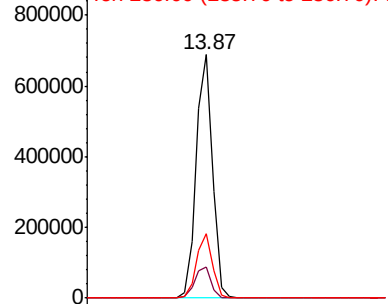


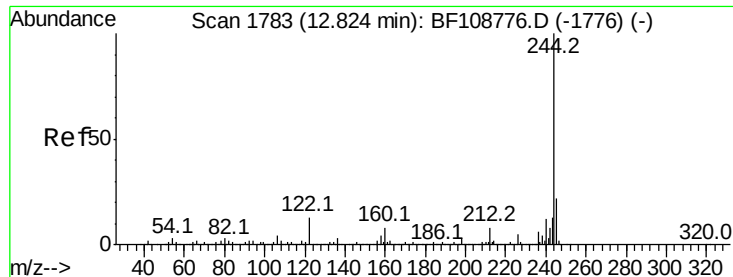
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 1960
Delta R.T. -0.00 min
Lab File: BF108793.D
Acq: 5 Sep 2018 23:55

Tgt Ion:240 Resp: 616655
Ion Ratio Lower Upper
240 100
120 12.6 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

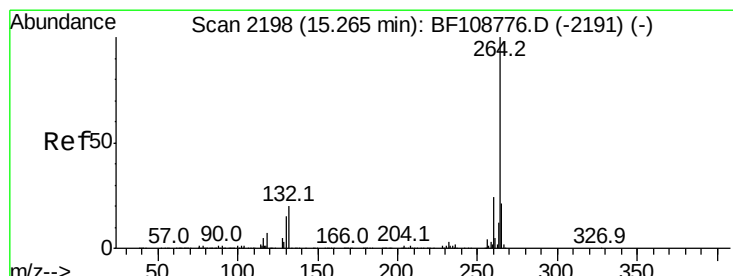
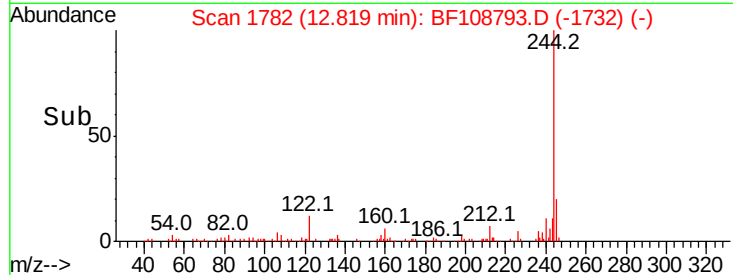
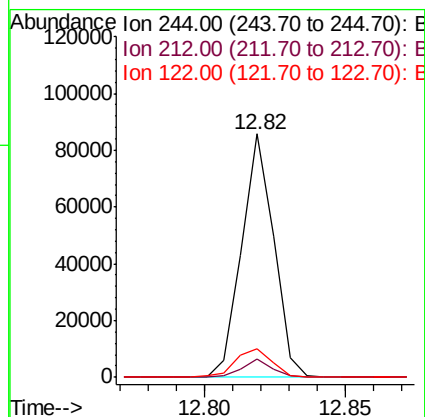
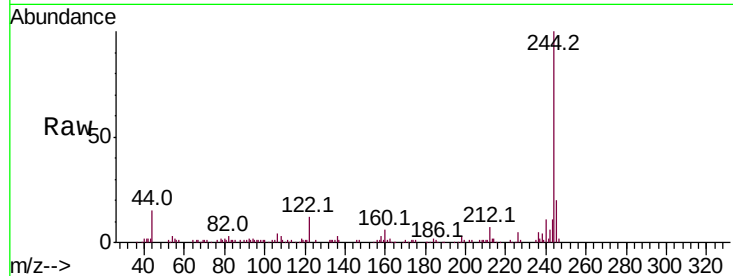




#78
 Terphenyl-d14
 Concen: 2.562 ng
 RT: 12.82 min Scan# 1782
 Delta R.T. -0.01 min
 Lab File: BF108793.D
 Acq: 5 Sep 2018 23:55

Instrument :
 BNA_F
 ClientSampleId :
 AOC2-03-B

Tot Ion:244	Resp: 67760
Ion Ratio	Lower Upper
244 100	
212 7.3	5.4 8.0
122 11.6	11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.27 min Scan# 2199
 Delta R.T. 0.01 min
 Lab File: BF108793.D
 Acq: 5 Sep 2018 23:55

Tgt	Ion:264	Resp:	471813
Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.2	28.8
265	21.1	17.5	26.3

