

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090618\
 Data File : BF108842.D
 Acq On : 6 Sep 2018 23:52
 Operator : JU/SJ
 Sample : J4803-17
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EP1-Q2-J6

Quant Time: Sep 07 03:29:25 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

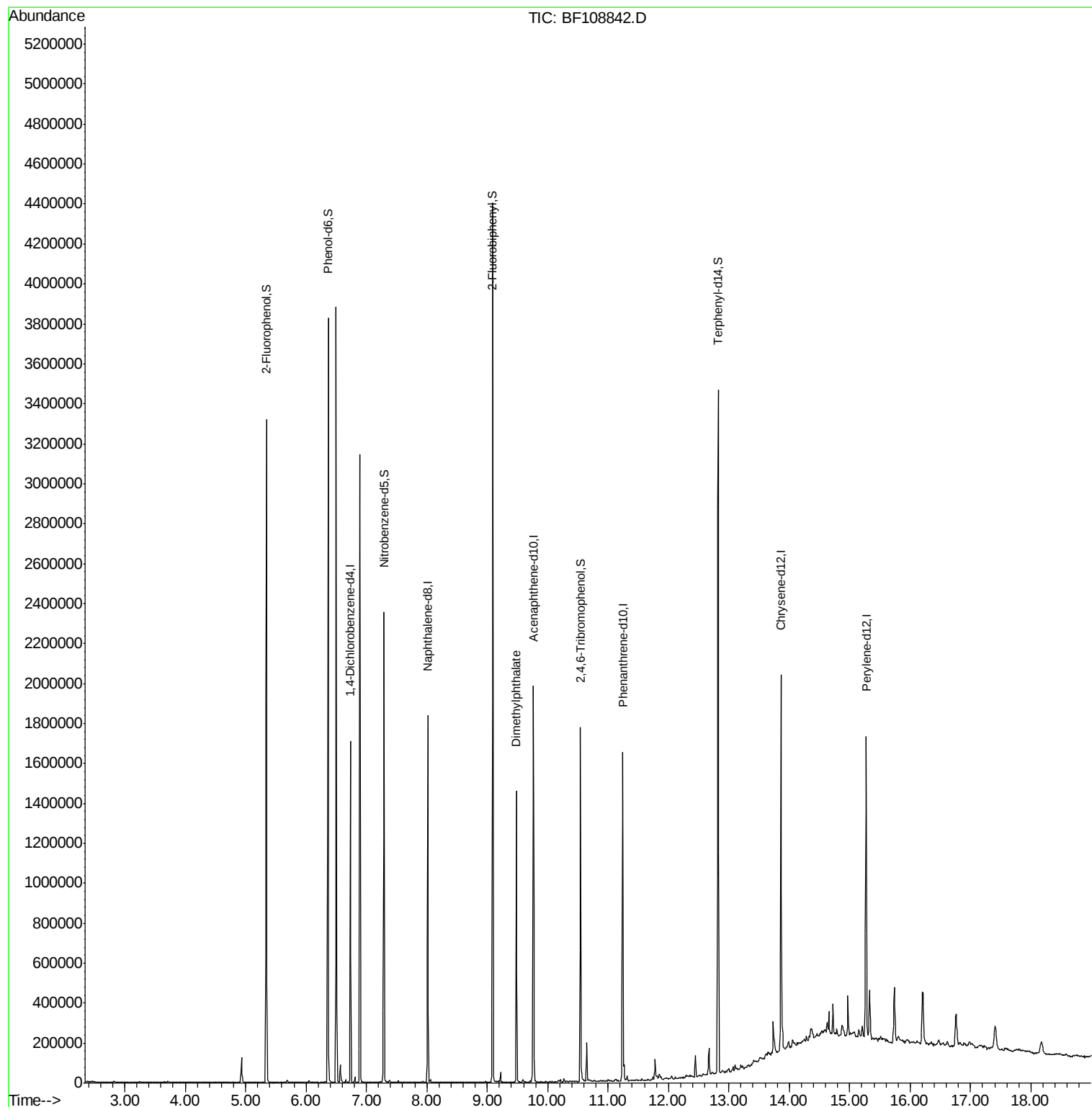
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	227034	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	826344	20.00	ng	0.00
38) Acenaphthene-d10	9.77	164	355672	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	566794	20.00	ng	0.00
75) Chrysene-d12	13.87	240	563921	20.00	ng	0.00
86) Perylene-d12	15.27	264	641514	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	995973	72.68	ng	0.00
7) Phenol-d6	6.37	99	1265044	71.74	ng	0.00
23) Nitrobenzene-d5	7.29	82	785166	59.46	ng	-0.01
41) 2,4,6-Tribromophenol	10.55	330	217320	64.00	ng	0.00
44) 2-Fluorobiphenyl	9.09	172	1345094	64.52	ng	0.00
78) Terphenyl-d14	12.82	244	1098009	45.40	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.48	163	501870	20.174	ng	99

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

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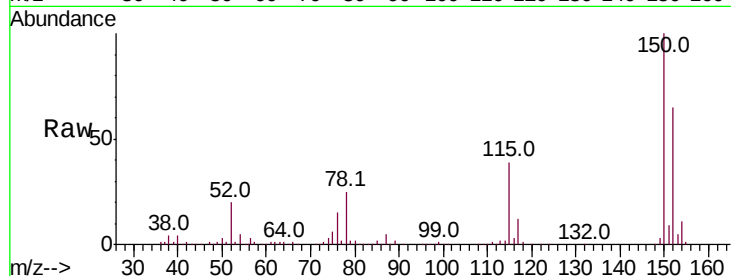


#1

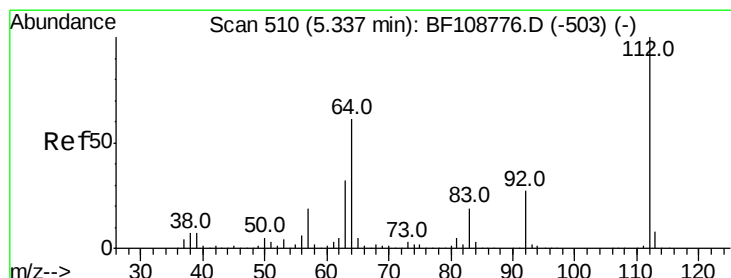
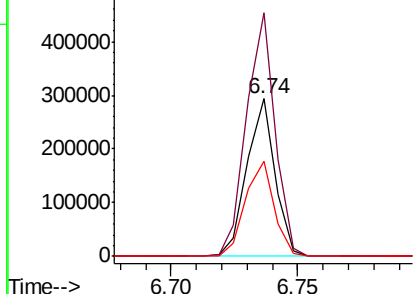
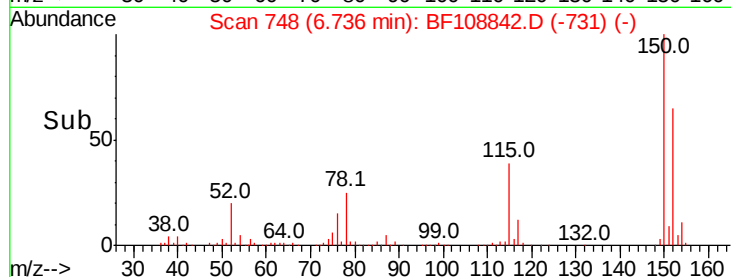
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.74 min Scan# 748
Delta R.T. -0.00 min
Lab File: BF108842.D
Acq: 6 Sep 2018 23:52

Instrument :
BNA_F
ClientSampleId :
EP1-Q2-J6

Tot Ion:152 Resp: 227034
Ion Ratio Lower Upper
152 100
150 154.7 124.6 186.8
115 60.8 50.1 75.1



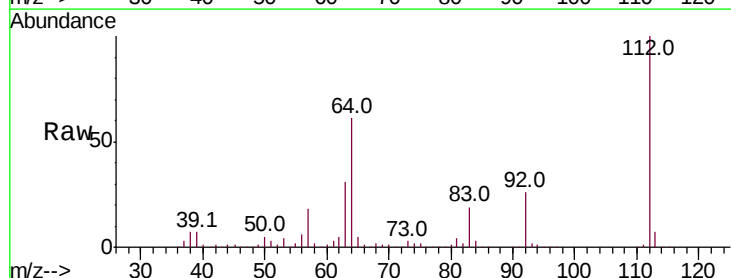
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



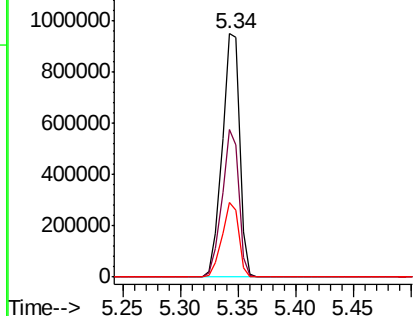
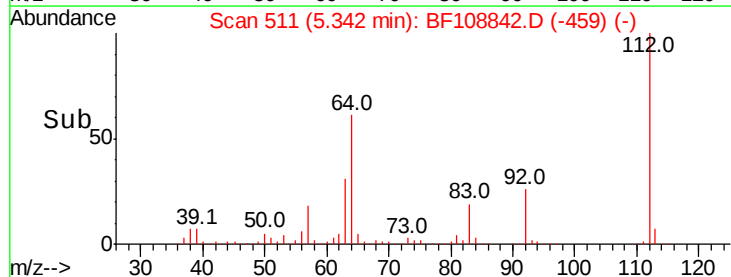
#5

2-Fluorophenol
Concen: 72.676 ng
RT: 5.34 min Scan# 511
Delta R.T. 0.01 min
Lab File: BF108842.D
Acq: 6 Sep 2018 23:52

Tgt Ion:112 Resp: 995973
Ion Ratio Lower Upper
112 100
64 60.6 47.9 71.9
63 30.8 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: 71.744 ng

RT: 6.37 min Scan# 685

Delta R.T. -0.00 min

Lab File: BF108842.D

Acq: 6 Sep 2018 23:52

Instrument :

BNA_F

ClientSampleId :

EP1-Q2-J6

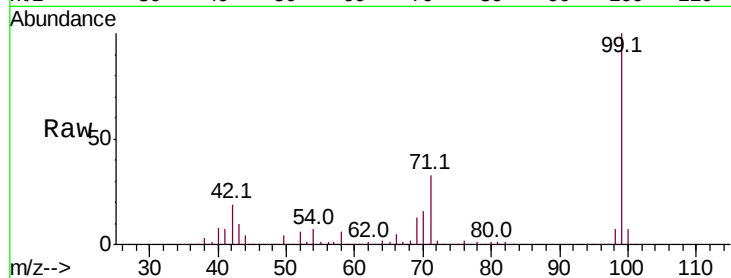
Tot Ion: 99 Resp: 1265044

Ion Ratio Lower Upper

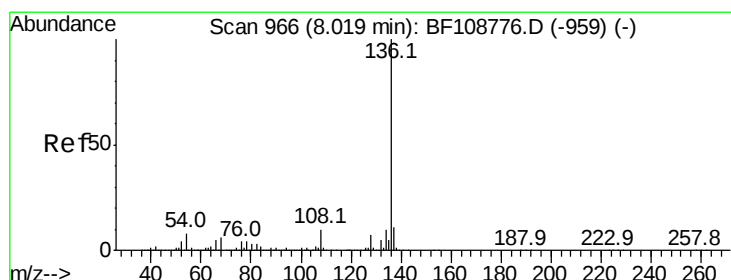
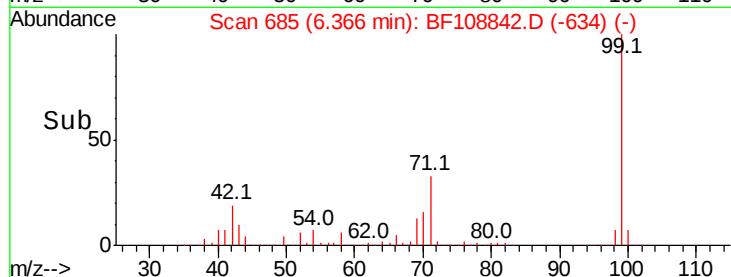
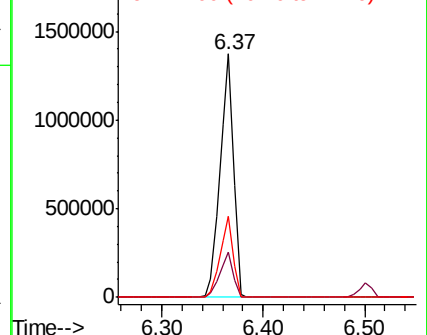
99 100

42 18.8 14.5 21.7

71 33.3 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: 8.01 min Scan# 965

Delta R.T. -0.01 min

Lab File: BF108842.D

Acq: 6 Sep 2018 23:52

Tgt Ion: 136 Resp: 826344

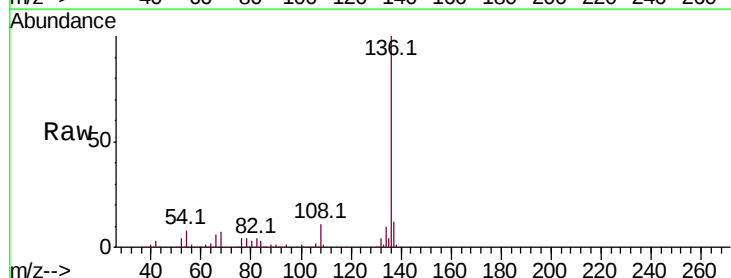
Ion Ratio Lower Upper

136 100

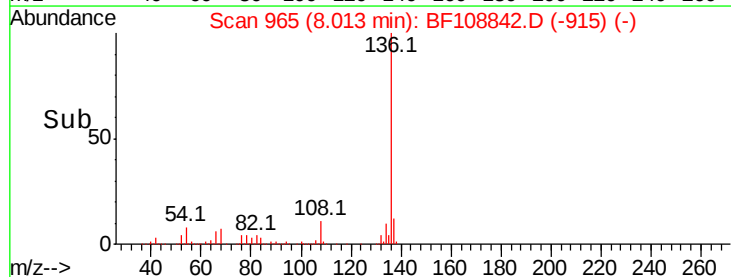
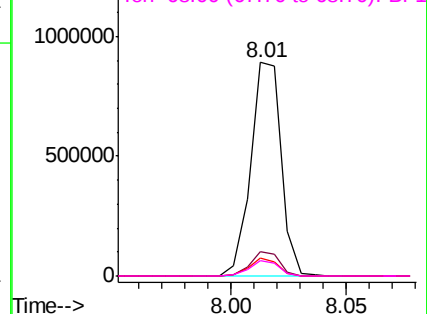
137 11.5 8.9 13.3

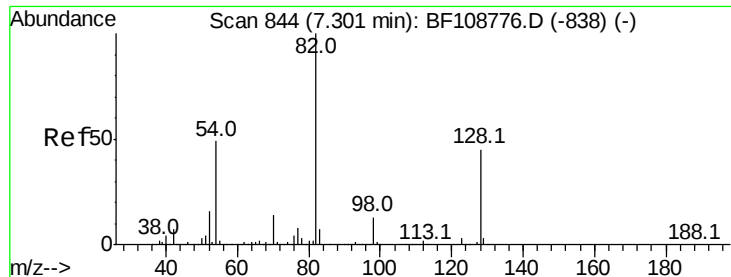
54 8.5 6.6 9.8

68 7.4 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

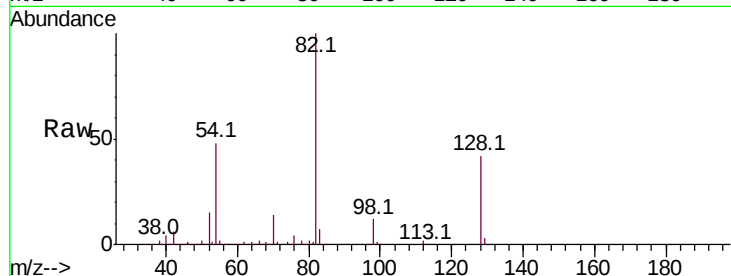




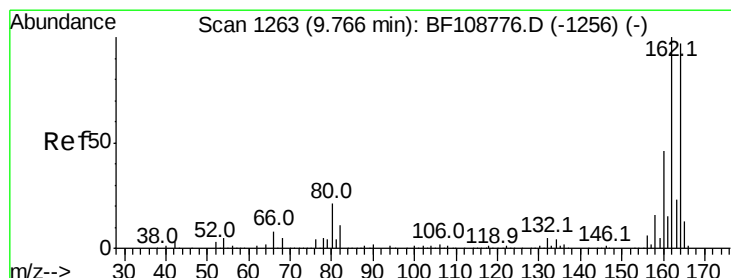
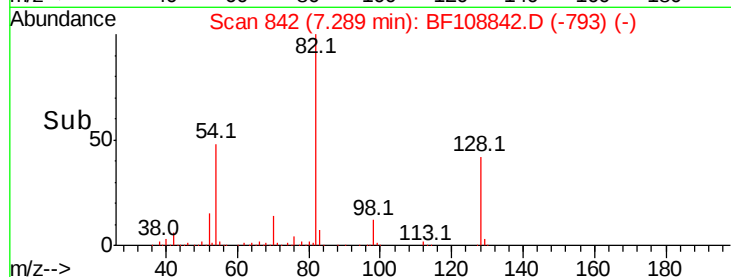
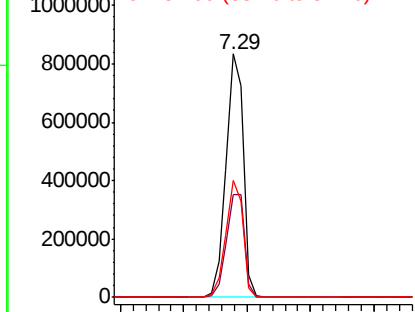
#23
 Nitrobenzene-d5
 Concen: 59.462 ng
 RT: 7.29 min Scan# 842
 Delta R.T. -0.01 min
 Lab File: BF108842.D
 Acq: 6 Sep 2018 23:52

Instrument :
 BNA_F
 ClientSampleId :
 EP1-Q2-J6

Tot Ion	82	Resp	785166
Ion Ratio	Lower	Upper	
82	100		
128	42.3	36.1	54.1
54	48.0	41.4	62.2

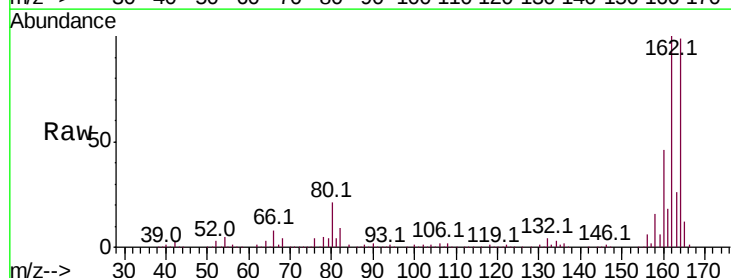


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

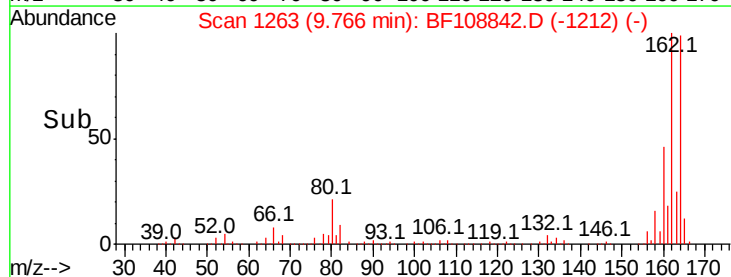
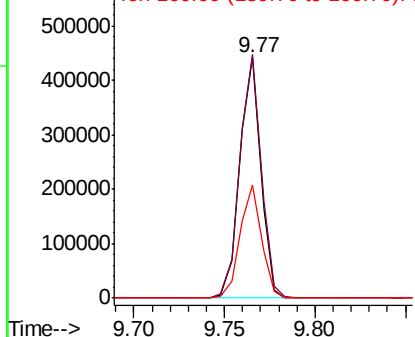


#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.77 min Scan# 1263
 Delta R.T. -0.00 min
 Lab File: BF108842.D
 Acq: 6 Sep 2018 23:52

Tgt Ion	164	Resp	355672
Ion Ratio	Lower	Upper	
164	100		
162	101.1	86.1	129.1
160	46.8	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

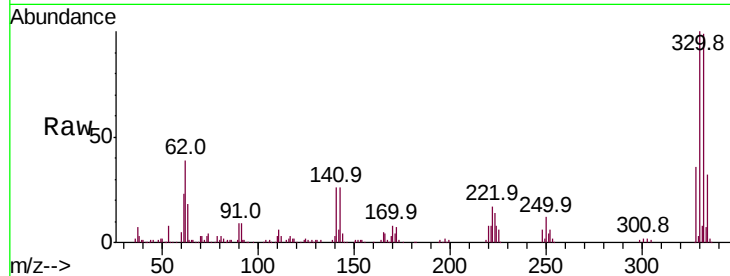




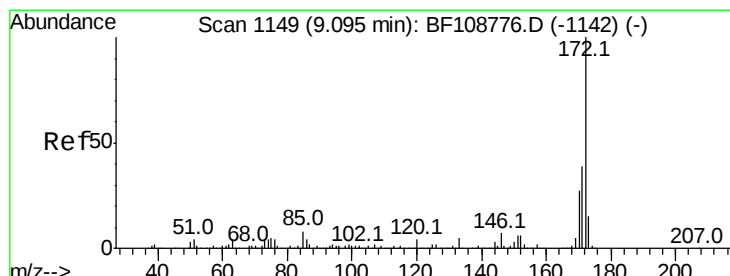
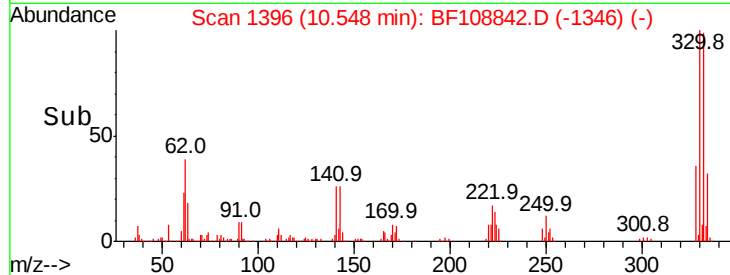
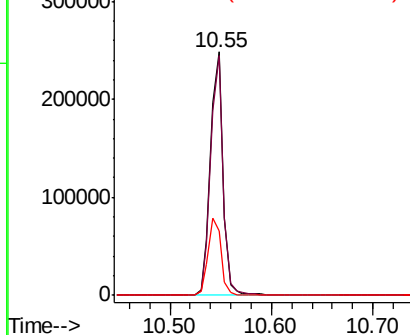
#41
 2,4,6-Tribromophenol
 Concen: 64.004 ng
 RT: 10.55 min Scan# 1396
 Delta R.T. -0.01 min
 Lab File: BF108842.D
 Acq: 6 Sep 2018 23:52

Instrument :
 BNA_F
 ClientSampleId :
 EP1-Q2-J6

Tot Ion:330 Resp: 217320
 Ion Ratio Lower Upper
 330 100
 332 97.2 77.0 115.6
 141 32.7 29.9 44.9

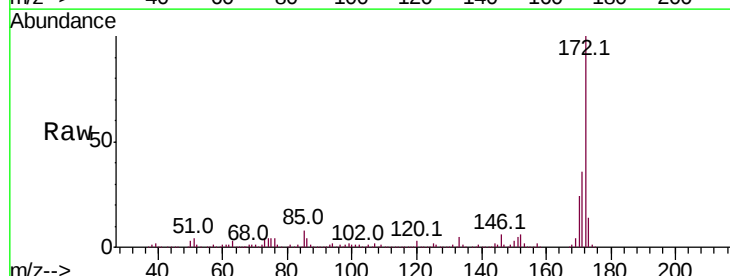


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

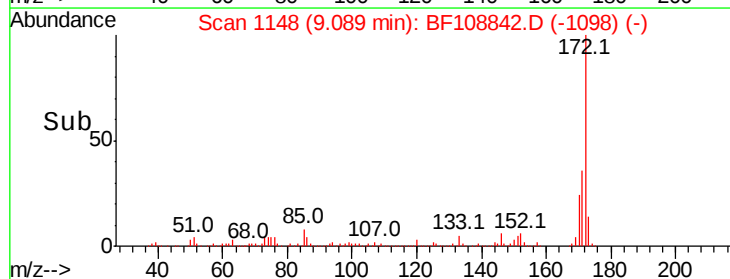
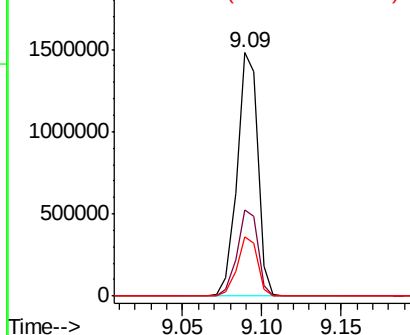


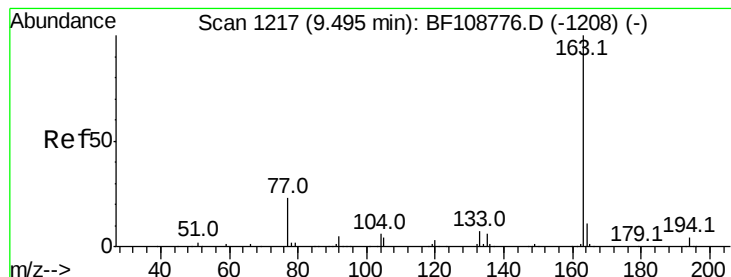
#44
 2-Fluorobiphenyl
 Concen: 64.518 ng
 RT: 9.09 min Scan# 1148
 Delta R.T. -0.01 min
 Lab File: BF108842.D
 Acq: 6 Sep 2018 23:52

Tgt Ion:172 Resp: 1345094
 Ion Ratio Lower Upper
 172 100
 171 35.6 29.7 44.5
 170 24.3 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: 20.174 ng

RT: 9.48 min Scan# 1215

Delta R.T. -0.01 min

Lab File: BF108842.D

Acq: 6 Sep 2018 23:52

Instrument :

BNA_F

ClientSampleId :

EP1-Q2-J6

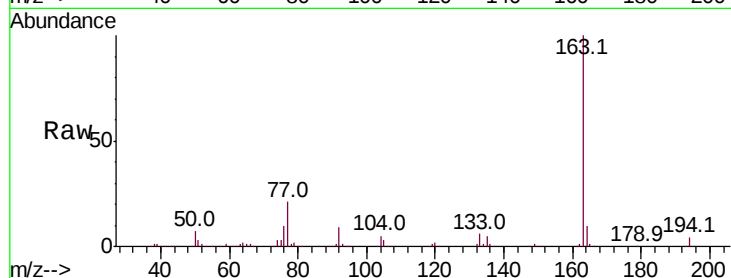
Tot Ion:163 Resp: 501870

Ion Ratio Lower Upper

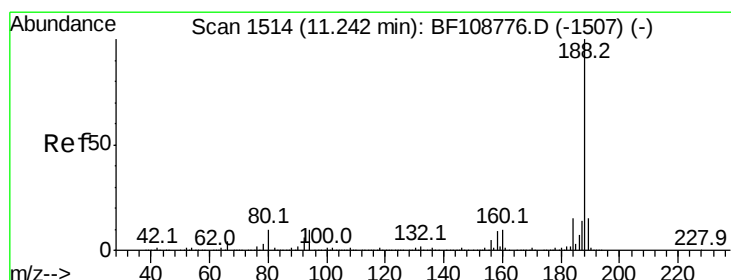
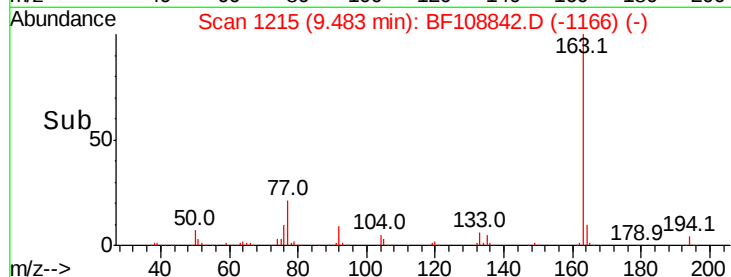
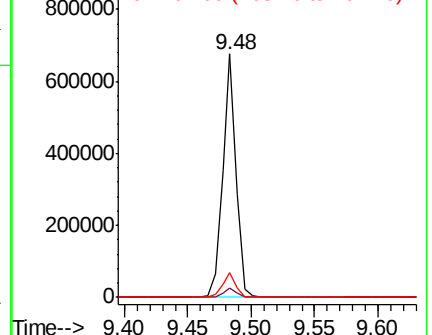
163 100

194 3.8 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



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.24 min Scan# 1514

Delta R.T. -0.00 min

Lab File: BF108842.D

Acq: 6 Sep 2018 23:52

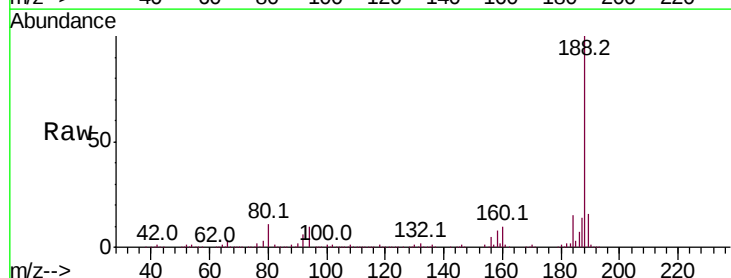
Tgt Ion:188 Resp: 566794

Ion Ratio Lower Upper

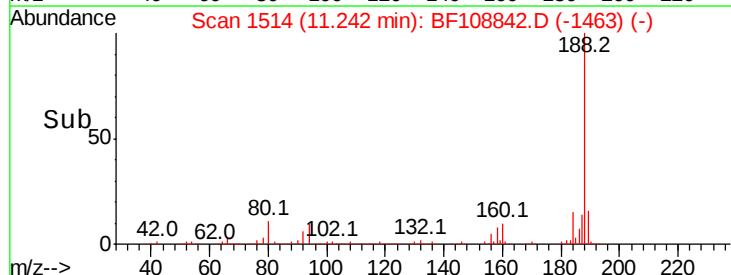
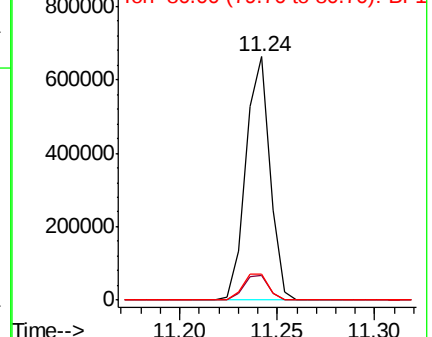
188 100

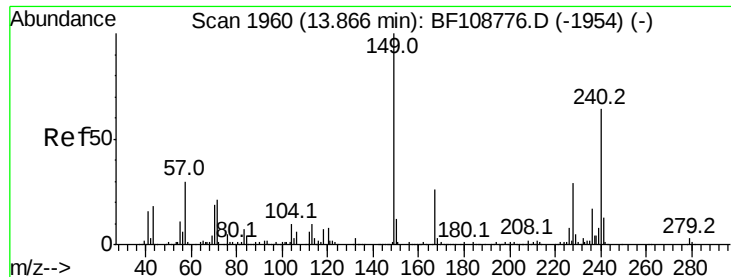
94 10.1 8.5 12.7

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





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.87 min Scan# 1960

Delta R.T. -0.00 min

Lab File: BF108842.D

Acq: 6 Sep 2018 23:52

Instrument :

BNA_F

ClientSampleId :

EP1-Q2-J6

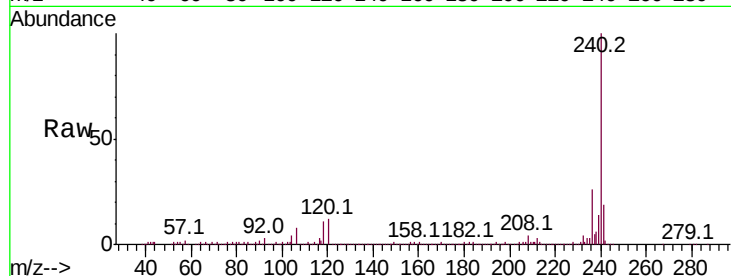
Tot Ion:240 Resp: 563921

Ion Ratio Lower Upper

240 100

120 12.0 9.5 14.3

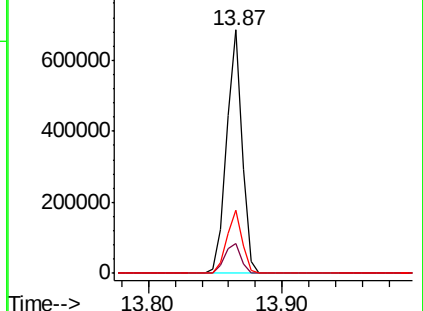
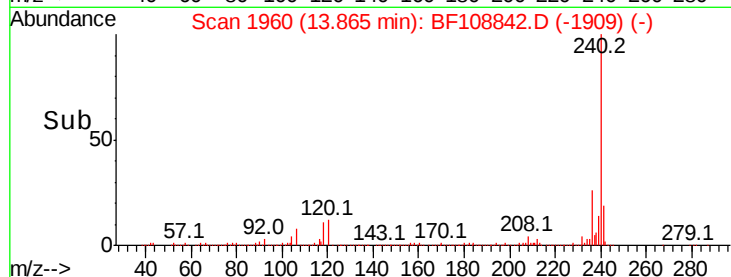
236 26.0 20.7 31.1



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: 45.404 ng

RT: 12.82 min Scan# 1783

Delta R.T. 0.00 min

Lab File: BF108842.D

Acq: 6 Sep 2018 23:52

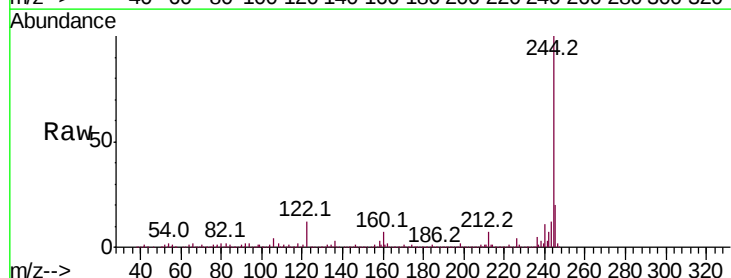
Tgt Ion:244 Resp: 1098009

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

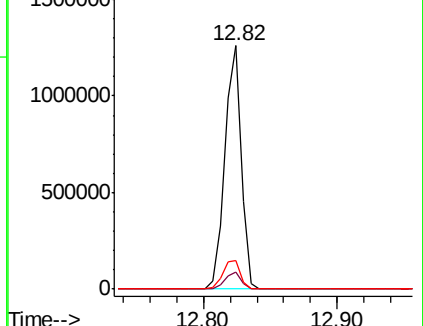
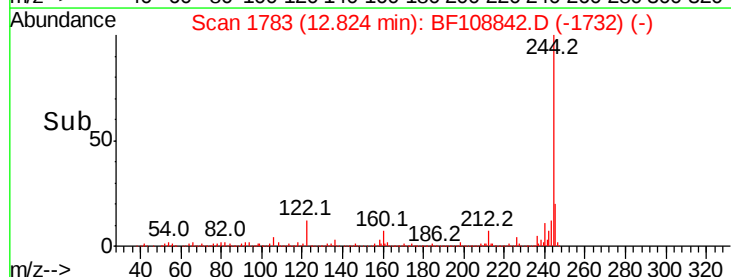
122 11.5 11.0 16.4

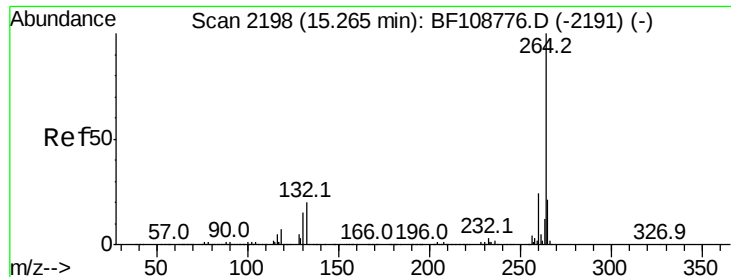


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

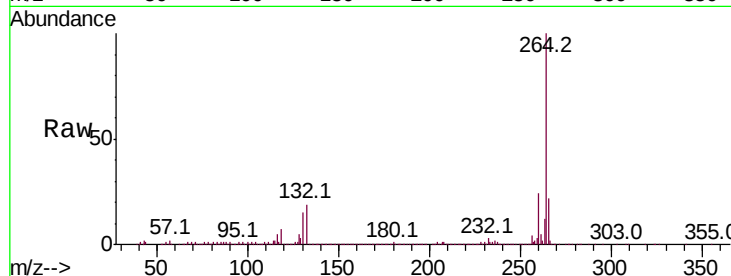




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.27 min Scan# 2199
Delta R.T. 0.01 min
Lab File: BF108842.D
Acq: 6 Sep 2018 23:52

Instrument :
BNA_F
ClientSampleId :
EP1-Q2-J6

Tot Ion:264 Resp: 641514
Ion Ratio Lower Upper
264 100
260 24.3 19.2 28.8
265 21.8 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

