

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091118\
 Data File : BF108941.D
 Acq On : 11 Sep 2018 17:57
 Operator : JU/SJ
 Sample : J4847-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-040

Quant Time: Sep 11 18:34:04 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

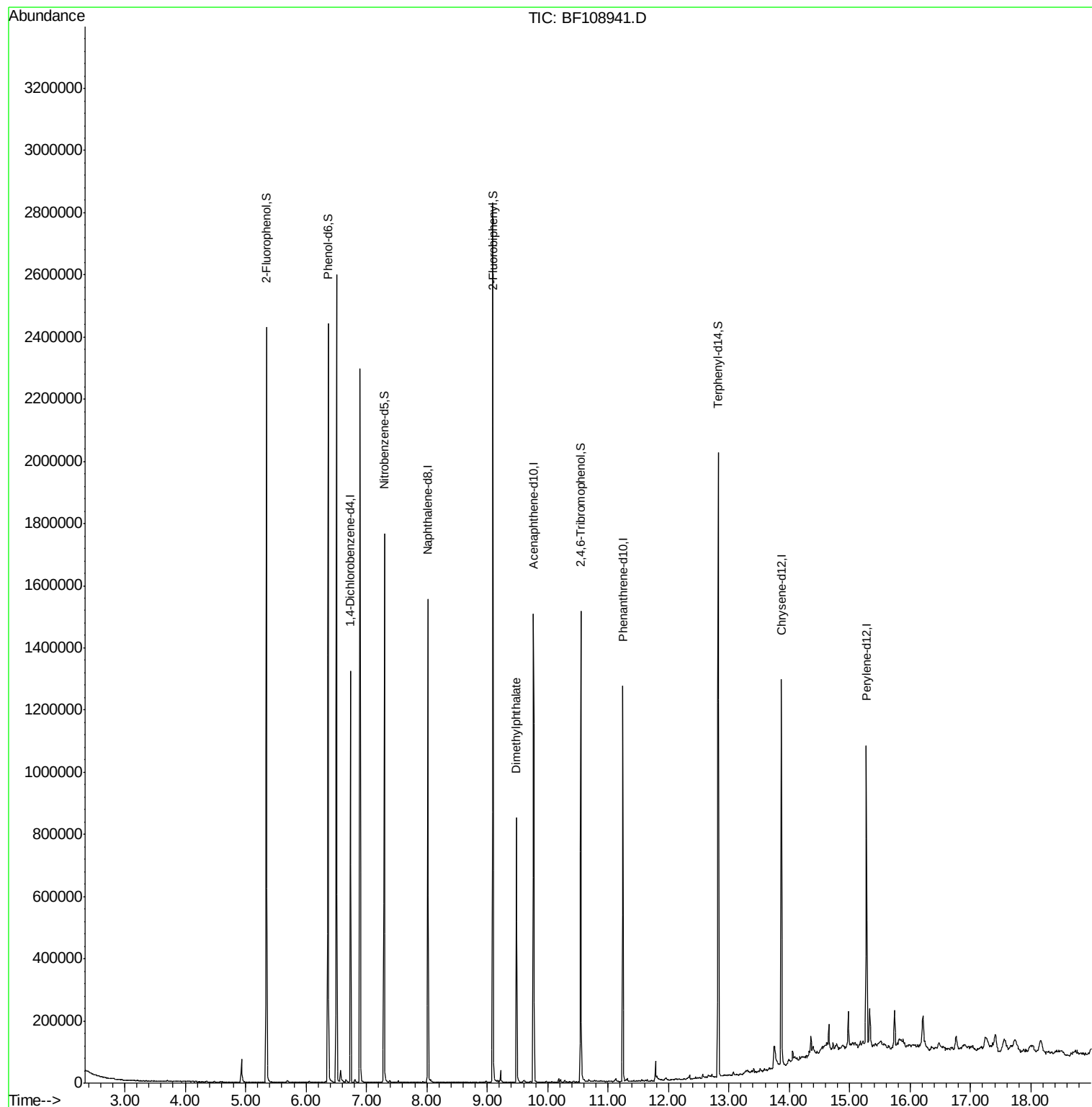
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	169995	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	630976	20.00	ng	0.00
38) Acenaphthene-d10	9.77	164	282385	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	457922	20.00	ng	0.00
75) Chrysene-d12	13.87	240	397419	20.00	ng	0.00
86) Perylene-d12	15.28	264	452553	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	699179	68.14	ng	0.01
7) Phenol-d6	6.37	99	904470	68.51	ng	0.00
23) Nitrobenzene-d5	7.30	82	550944	54.64	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	169188	62.76	ng	0.00
44) 2-Fluorobiphenyl	9.10	172	895324	54.09	ng	0.00
78) Terphenyl-d14	12.82	244	635958	37.32	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.48	163	310802	15.736	ng	Qvalue 99

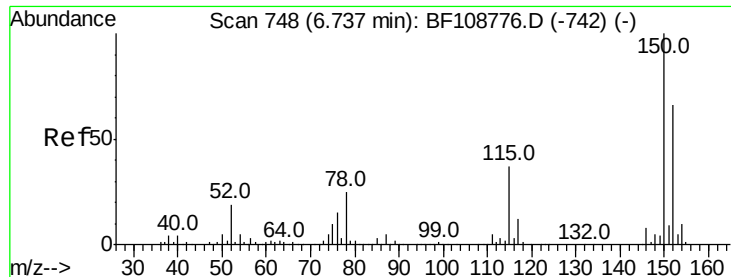
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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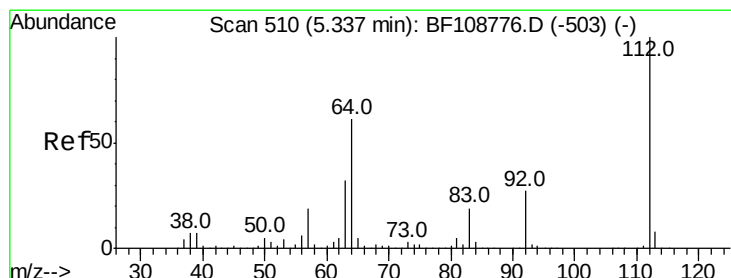
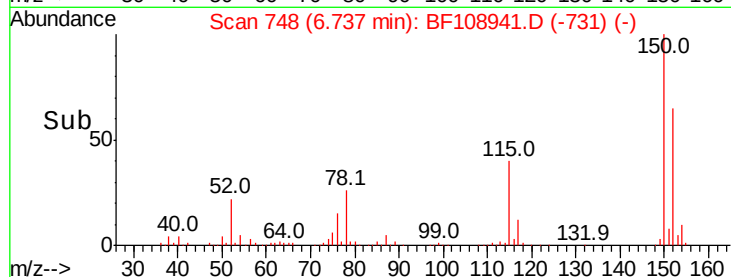
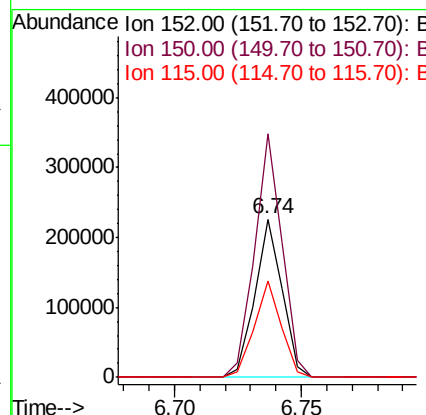
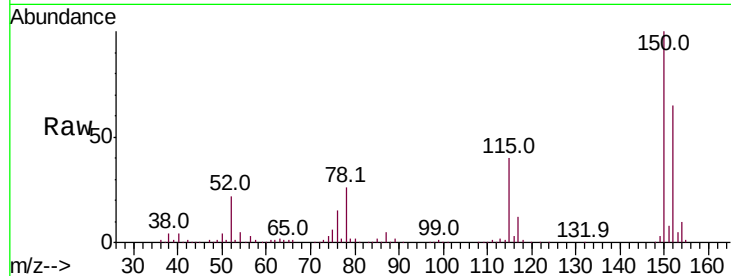


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.74 min Scan# 748
Delta R.T. -0.00 min
Lab File: BF108941.D
Acq: 11 Sep 2018 17:57

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-040

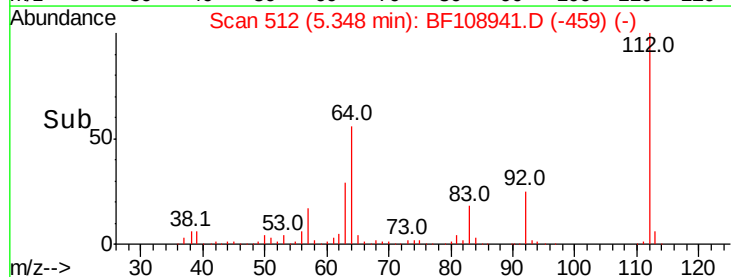
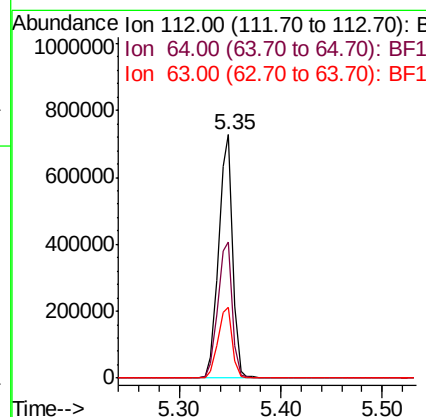
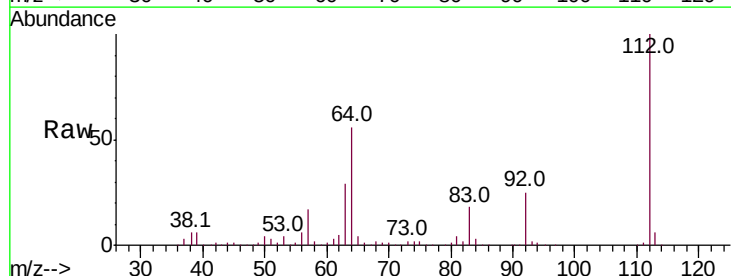
Tot Ion	Ratio	Lower	Upper
152	100		
150	153.9	124.6	186.8
115	60.9	50.1	75.1

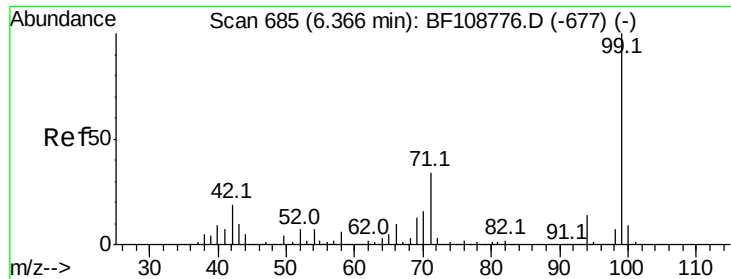


#5

2-Fluorophenol
Concen: 68.138 ng
RT: 5.35 min Scan# 512
Delta R.T. 0.01 min
Lab File: BF108941.D
Acq: 11 Sep 2018 17:57

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.1	47.9	71.9
63	28.8	23.7	35.5





#7

Phenol-d6

Concen: 68.506 ng

RT: 6.37 min Scan# 685

Delta R.T. -0.00 min

Lab File: BF108941.D

Acq: 11 Sep 2018 17:57

Instrument :

BNA_F

ClientSampleId :

FK-PS-01-040

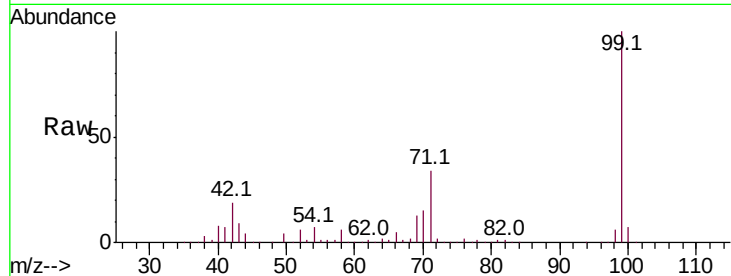
Tot Ion: 99 Resp: 904470

Ion Ratio Lower Upper

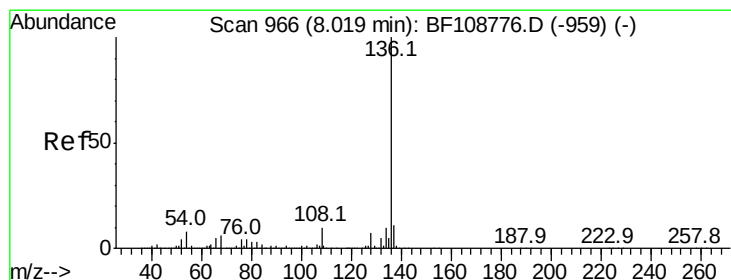
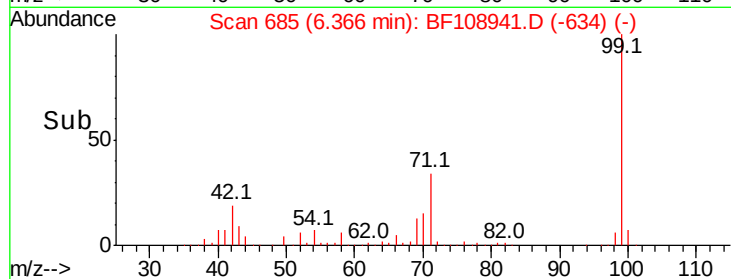
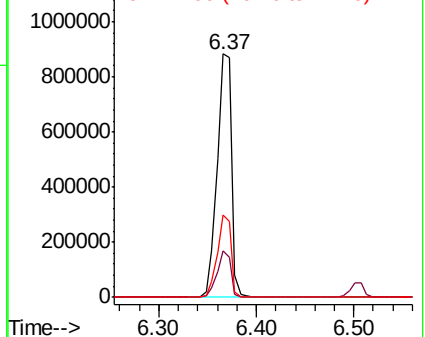
99 100

42 19.1 14.5 21.7

71 33.6 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: BF108941.D

Acq: 11 Sep 2018 17:57

Tgt Ion: 136 Resp: 630976

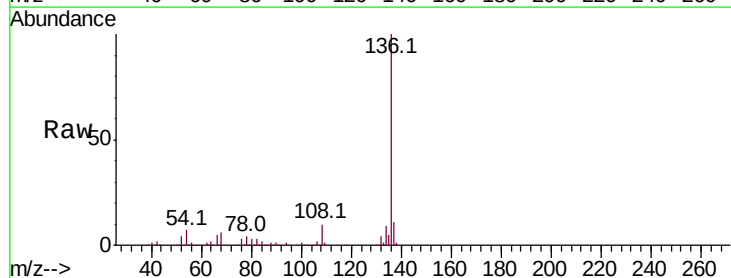
Ion Ratio Lower Upper

136 100

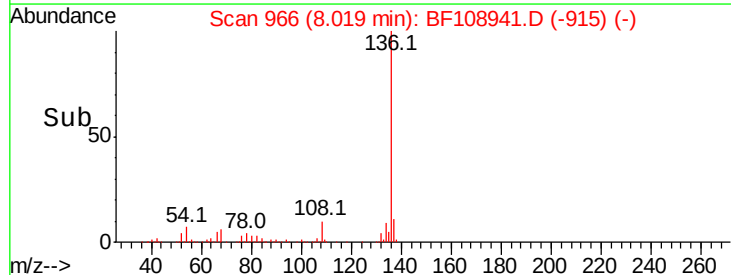
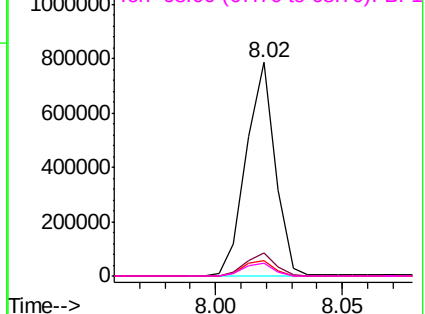
137 11.0 8.9 13.3

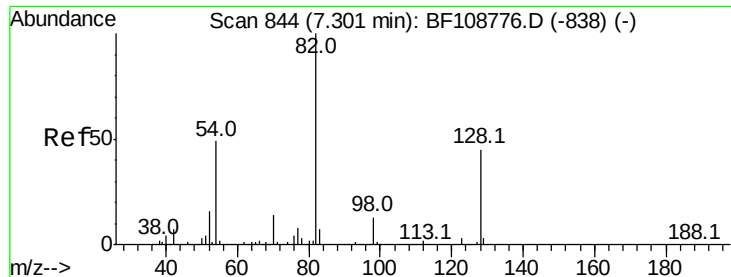
54 7.2 6.6 9.8

68 6.1 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

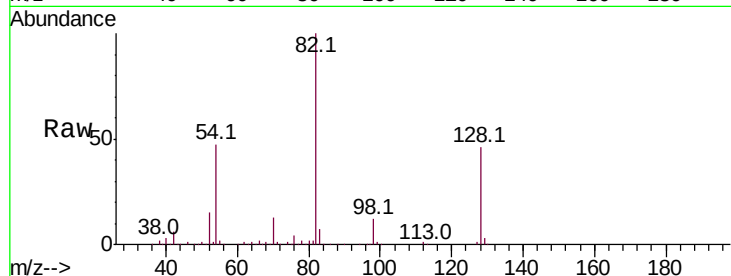




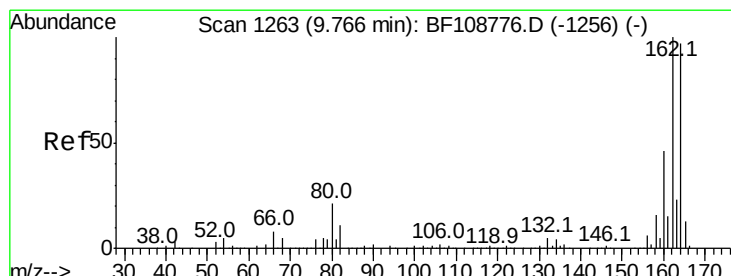
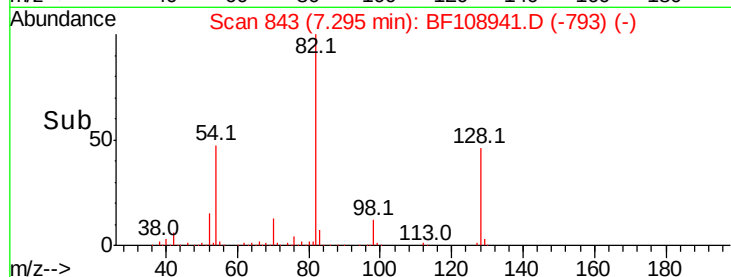
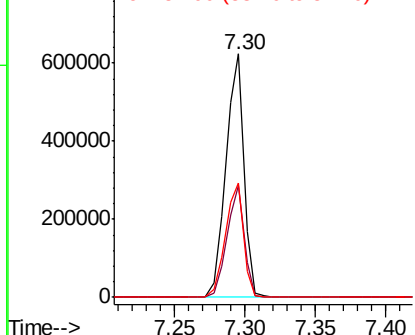
#23
 Nitrobenzene-d5
 Concen: 54.643 ng
 RT: 7.30 min Scan# 843
 Delta R.T. -0.01 min
 Lab File: BF108941.D
 Acq: 11 Sep 2018 17:57

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-040

Tot Ion: 82 Resp: 550944
 Ion Ratio Lower Upper
 82 100
 128 46.0 36.1 54.1
 54 46.9 41.4 62.2

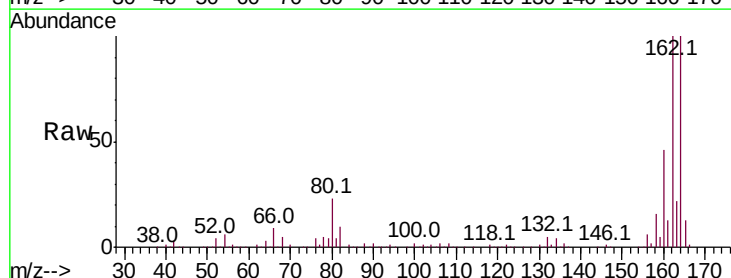


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF1

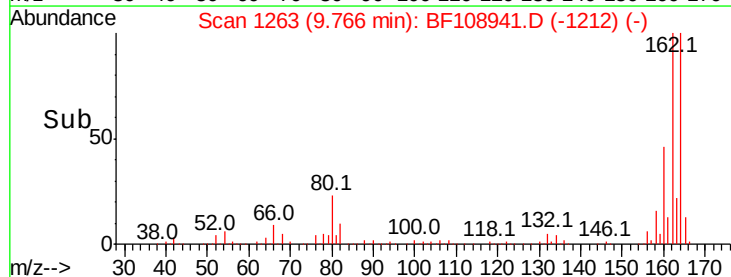
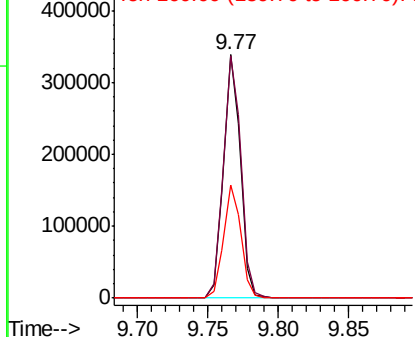


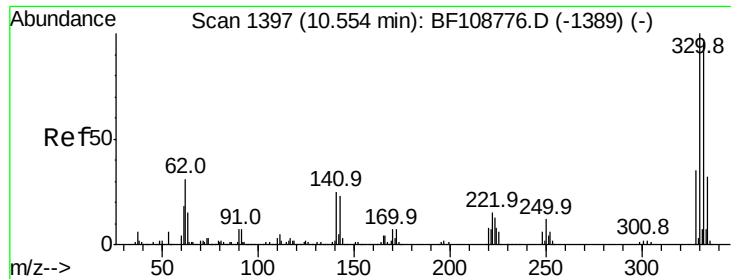
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.77 min Scan# 1263
 Delta R.T. -0.00 min
 Lab File: BF108941.D
 Acq: 11 Sep 2018 17:57

Tgt Ion: 164 Resp: 282385
 Ion Ratio Lower Upper
 164 100
 162 99.7 86.1 129.1
 160 46.4 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: 62.760 ng

RT: 10.55 min Scan# 1396

Delta R.T. -0.01 min

Lab File: BF108941.D

Acq: 11 Sep 2018 17:57

Instrument :

BNA_F

ClientSampleId :

FK-PS-01-040

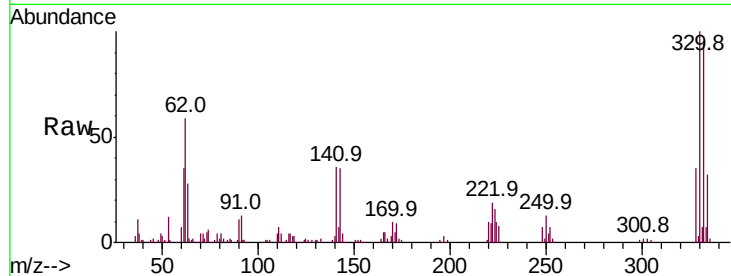
Tot Ion:330 Resp: 169188

Ion Ratio Lower Upper

330 100

332 96.9 77.0 115.6

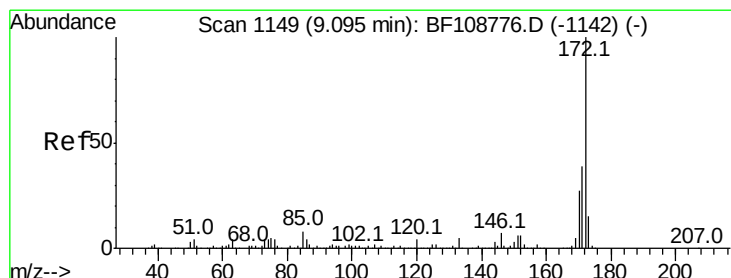
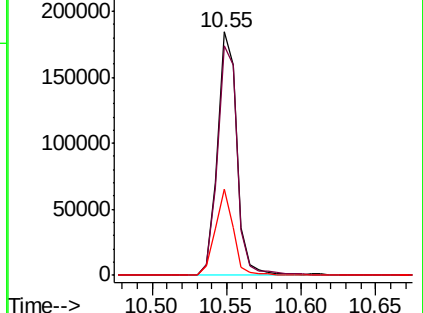
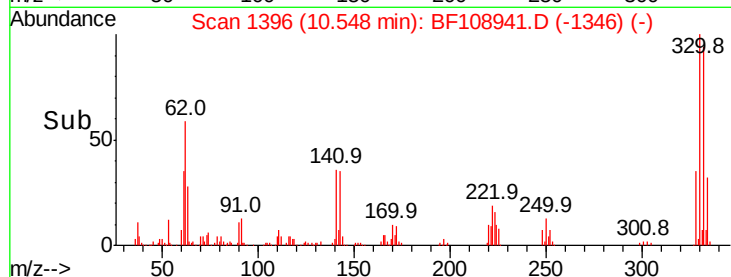
141 32.8 29.9 44.9



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: 54.090 ng

RT: 9.10 min Scan# 1149

Delta R.T. -0.00 min

Lab File: BF108941.D

Acq: 11 Sep 2018 17:57

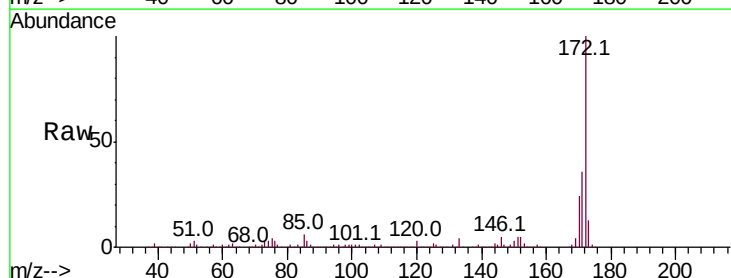
Tgt Ion:172 Resp: 895324

Ion Ratio Lower Upper

172 100

171 35.6 29.7 44.5

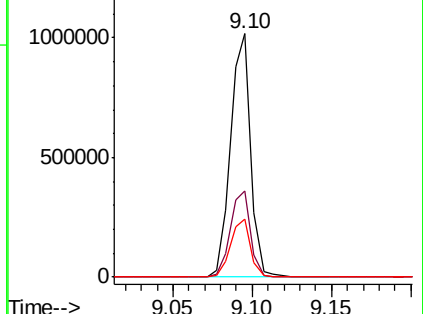
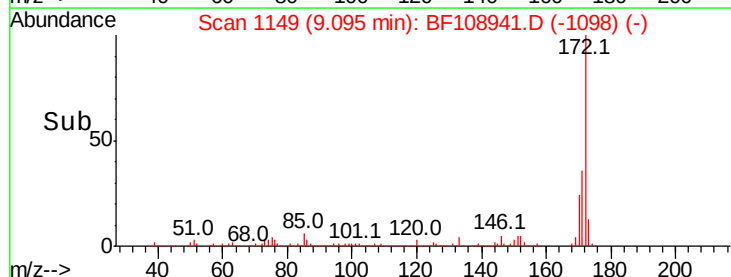
170 23.8 19.6 29.4

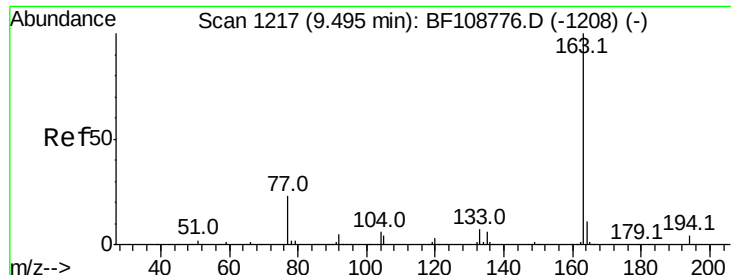


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 15.736 ng

RT: 9.48 min Scan# 1215

Delta R.T. -0.01 min

Lab File: BF108941.D

Acq: 11 Sep 2018 17:57

Instrument :

BNA_F

ClientSampleId :

FK-PS-01-040

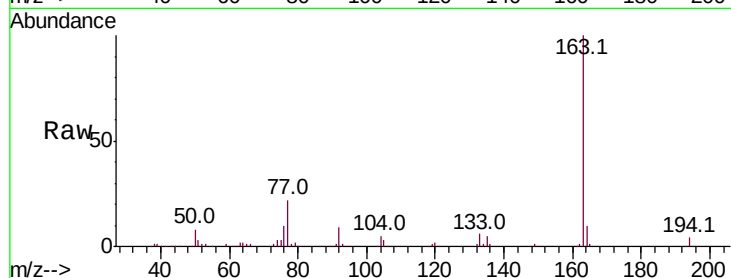
Tot Ion:163 Resp: 310802

Ion Ratio Lower Upper

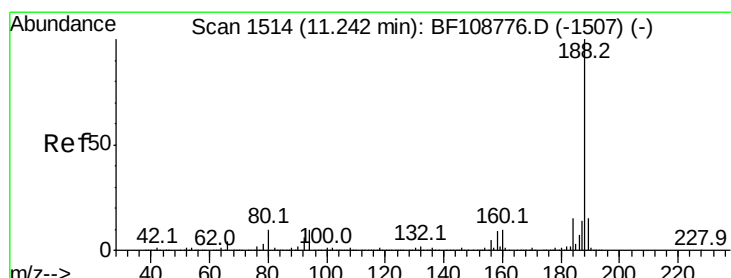
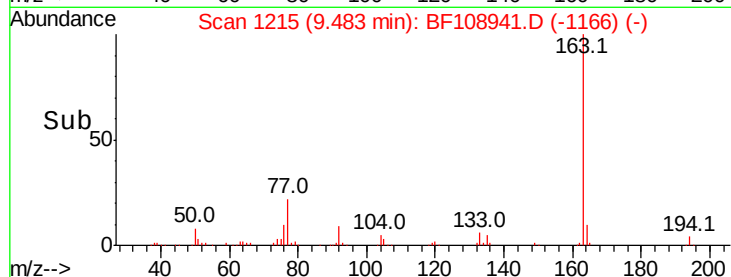
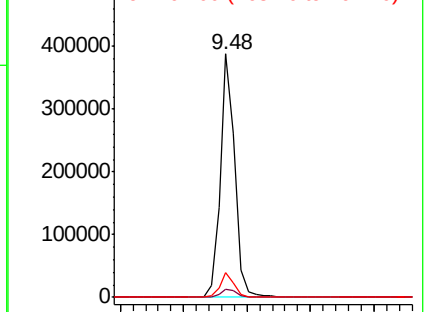
163 100

194 3.5 2.7 4.1

164 10.0 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: BF108941.D

Acq: 11 Sep 2018 17:57

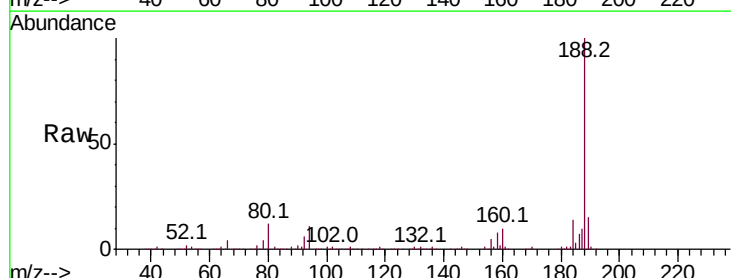
Tgt Ion:188 Resp: 457922

Ion Ratio Lower Upper

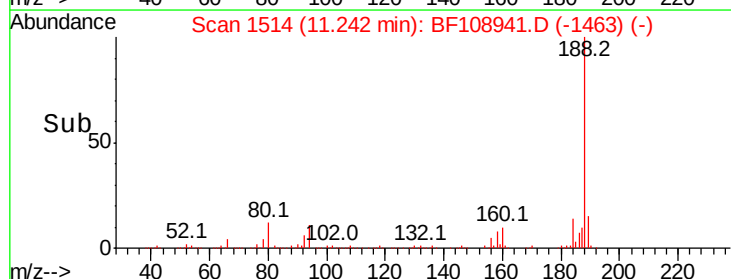
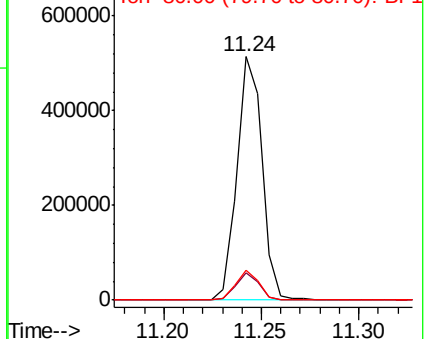
188 100

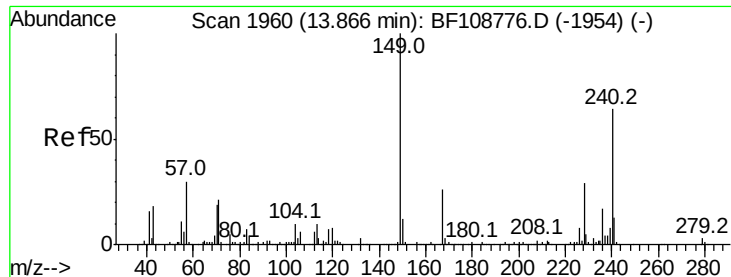
94 11.1 8.5 12.7

80 12.0 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# 1961

Delta R.T. 0.01 min

Lab File: BF108941.D

Acq: 11 Sep 2018 17:57

Instrument :

BNA_F

ClientSampleId :

FK-PS-01-040

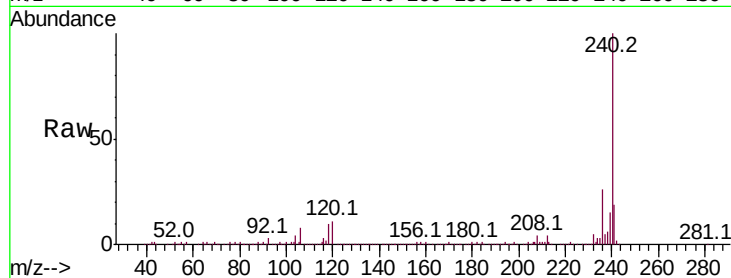
Tot Ion:240 Resp: 397419

Ion Ratio Lower Upper

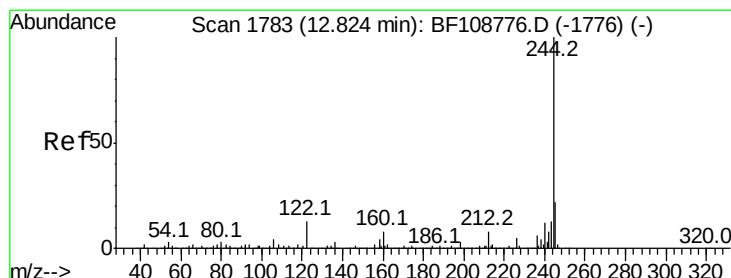
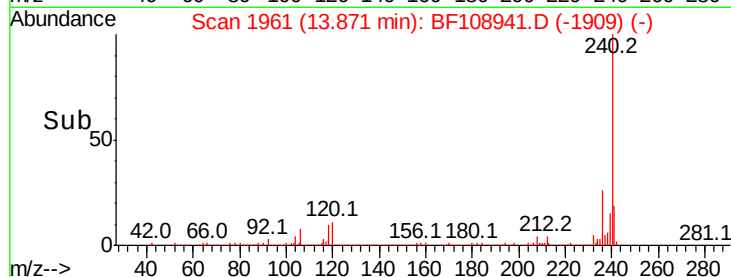
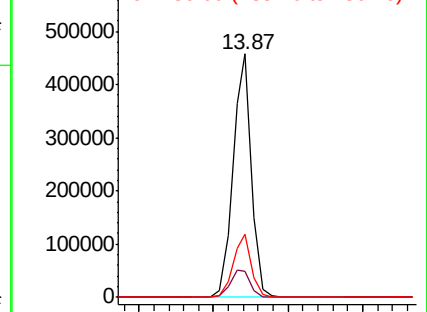
240 100

120 10.8 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: 37.316 ng

RT: 12.82 min Scan# 1783

Delta R.T. 0.00 min

Lab File: BF108941.D

Acq: 11 Sep 2018 17:57

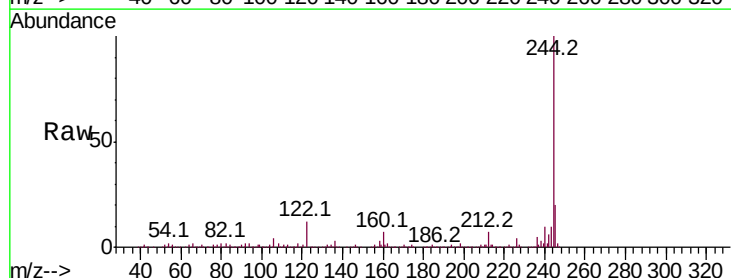
Tgt Ion:244 Resp: 635958

Ion Ratio Lower Upper

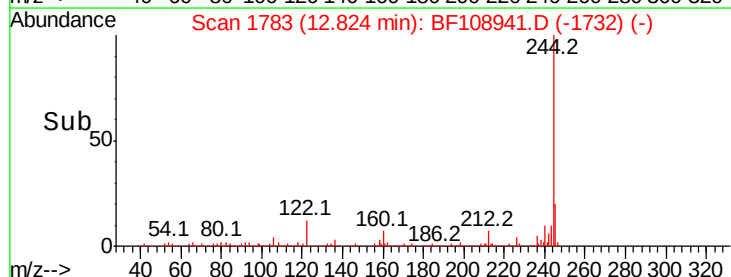
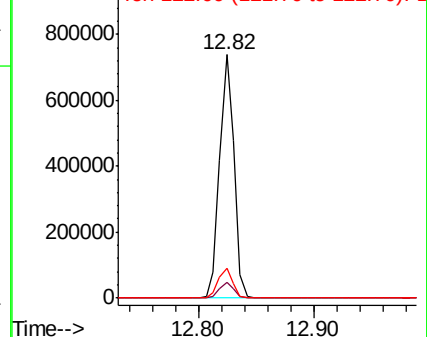
244 100

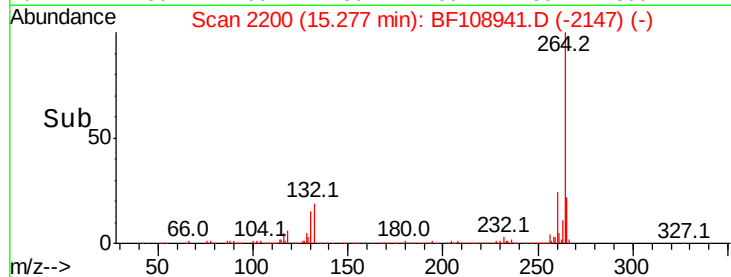
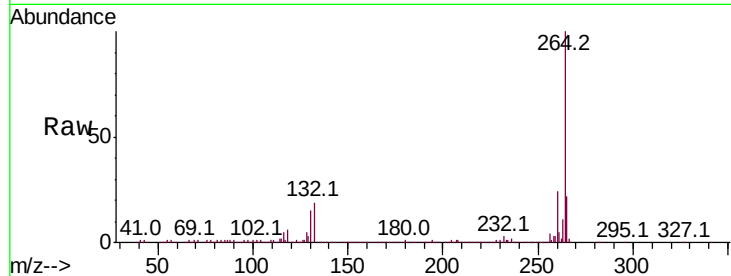
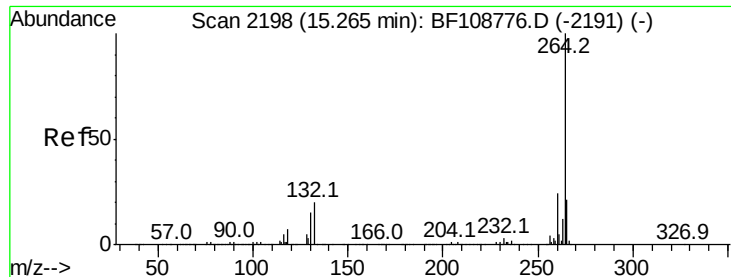
212 6.6 5.4 8.0

122 12.2 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: BF108941.D
Acq: 11 Sep 2018 17:57

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-040

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	21.6	17.5	26.3

