

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082218\
 Data File : BF108388.D
 Acq On : 22 Aug 2018 17:33
 Operator : JU/SJ
 Sample : J4569-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-037

Quant Time: Aug 23 04:31:36 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 22 11:01:45 2018
 Response via : Initial Calibration

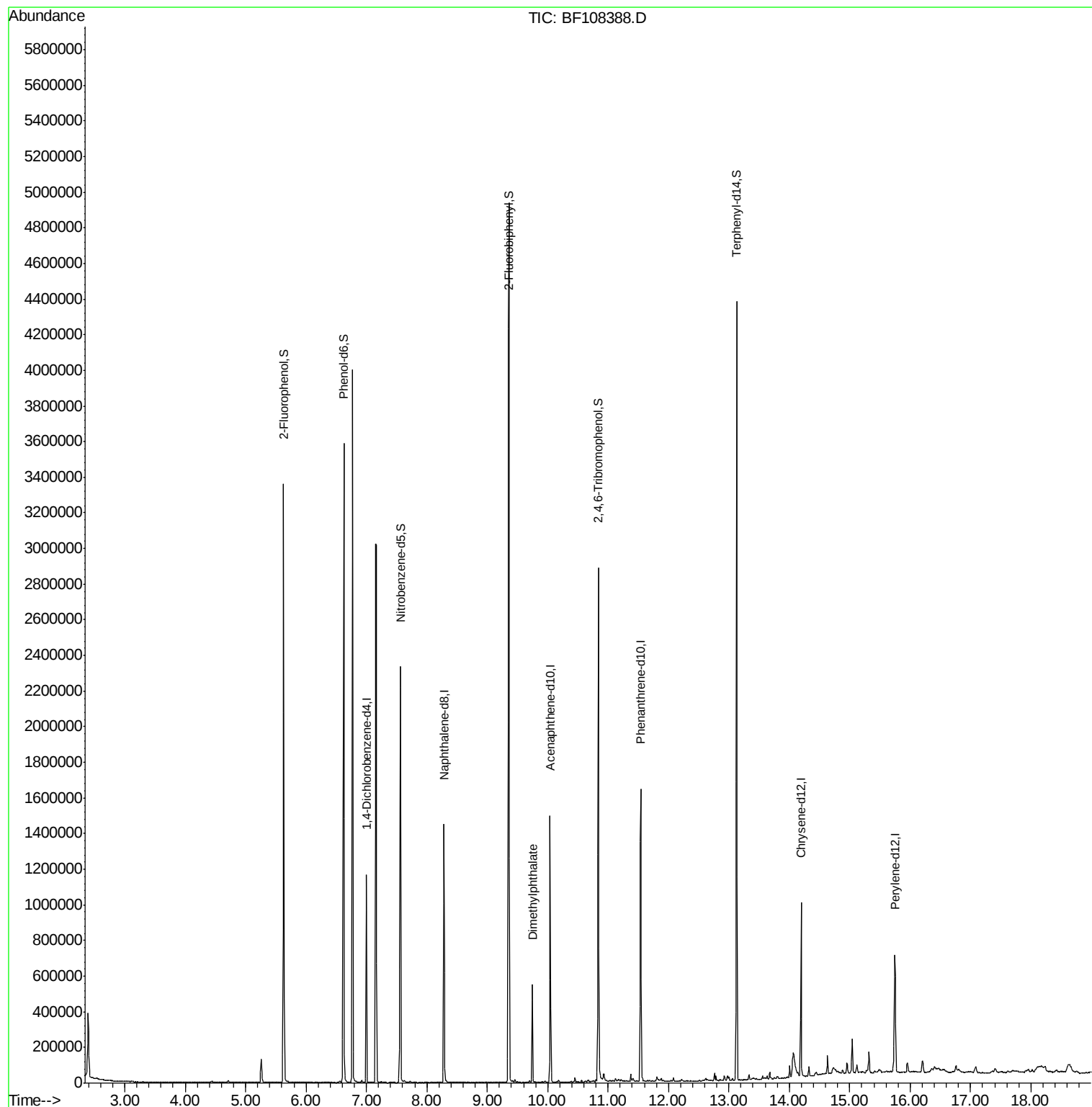
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	163936	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	616485	20.00	ng	0.00
38) Acenaphthene-d10	10.04	164	313941	20.00	ng	-0.01
63) Phenanthrene-d10	11.54	188	586877	20.00	ng	0.00
75) Chrysene-d12	14.20	240	335053	20.00	ng	0.00
86) Perylene-d12	15.75	264	322243	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	945333	104.40	ng	0.00
7) Phenol-d6	6.62	99	1271740	105.69	ng	0.00
23) Nitrobenzene-d5	7.57	82	855717	77.46	ng	0.00
41) 2,4,6-Tribromophenol	10.84	330	381300	121.76	ng	0.00
44) 2-Fluorobiphenyl	9.36	172	1608151	82.24	ng	0.00
78) Terphenyl-d14	13.13	244	1480699	112.36	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.75	163	216255	9.889	ng	Qvalue # 98

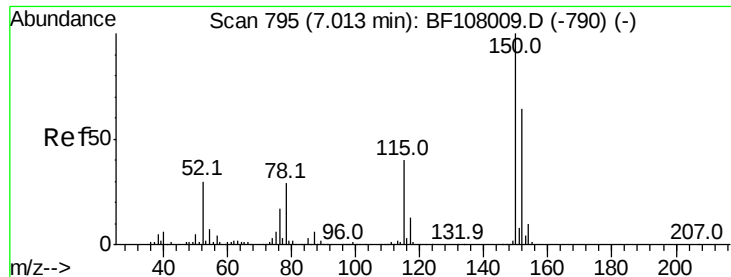
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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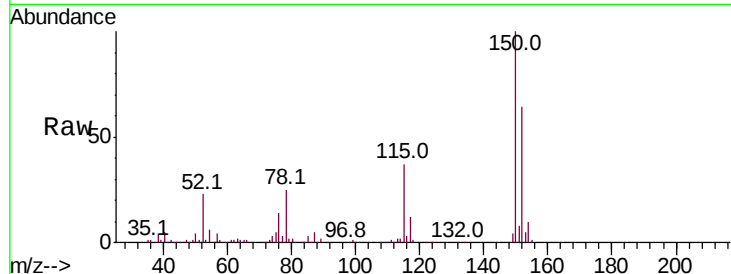


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF108388.D
Acq: 22 Aug 2018 17:33

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-037

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.4	124.6	186.8
115	57.1	50.1	75.1

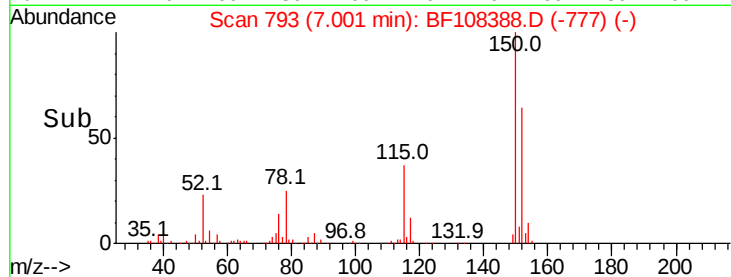
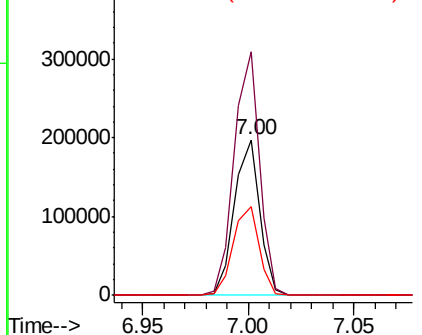


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

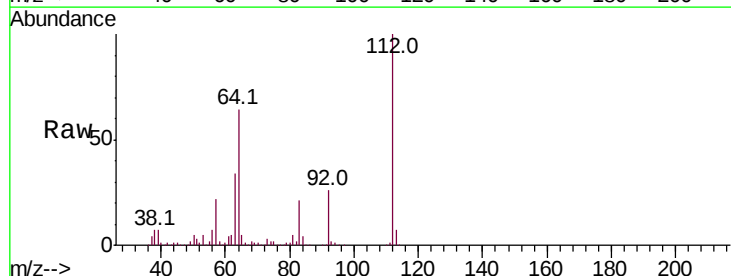
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 104.399 ng
RT: 5.64 min Scan# 561
Delta R.T. 0.01 min
Lab File: BF108388.D
Acq: 22 Aug 2018 17:33

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.9	47.9	71.9
63	33.7	23.7	35.5

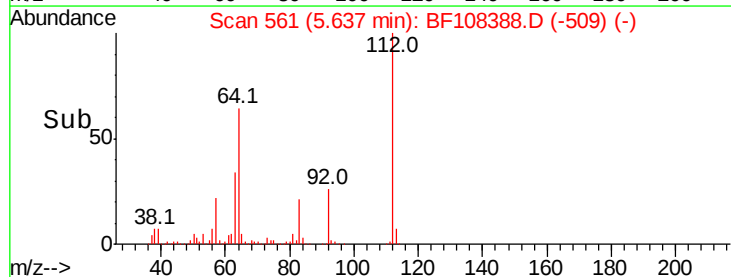
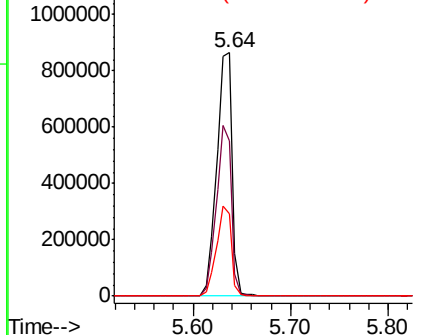


Abundance

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: 105.689 ng

RT: 6.62 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF108388.D

Acq: 22 Aug 2018 17:33

Instrument :

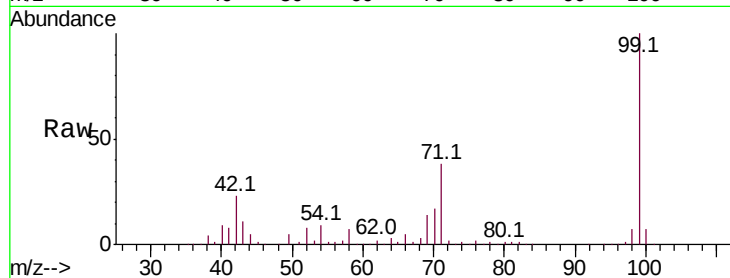
BNA_F

ClientSampleId :

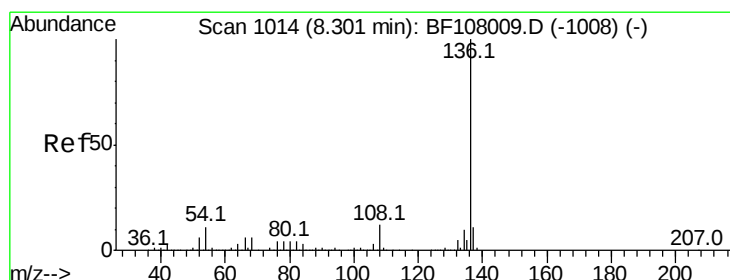
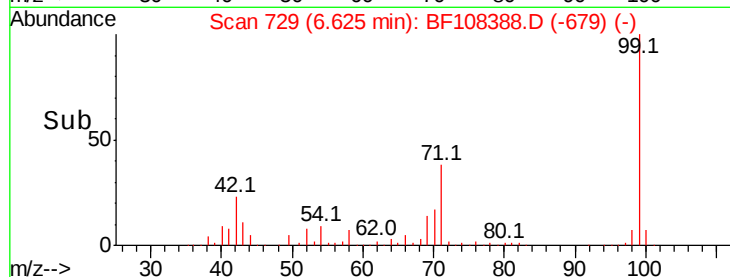
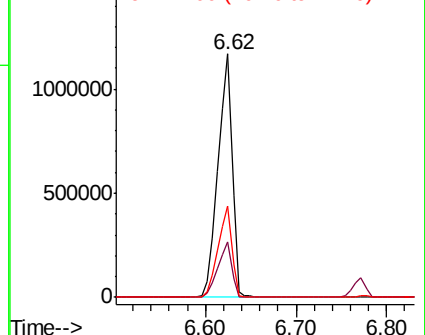
FK-PS-01-037

Tot Ion: 99 Resp: 1271740

Ion	Ratio	Lower	Upper
99	100		
42	22.6	14.5	21.7#
71	37.6	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: 8.28 min Scan# 1011

Delta R.T. -0.01 min

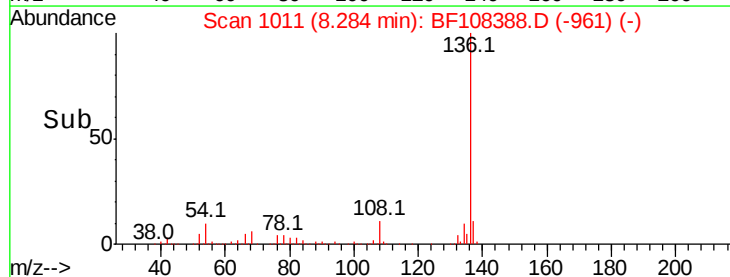
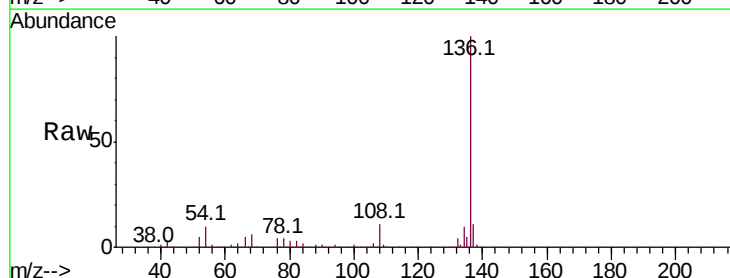
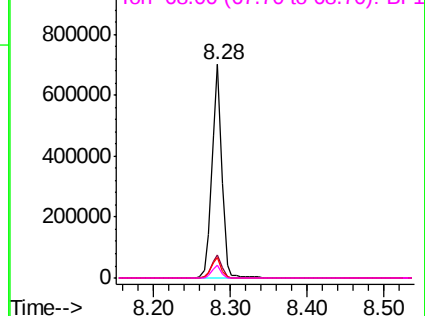
Lab File: BF108388.D

Acq: 22 Aug 2018 17:33

Tgt Ion: 136 Resp: 616485

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	9.6	6.6	9.8
68	5.7	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

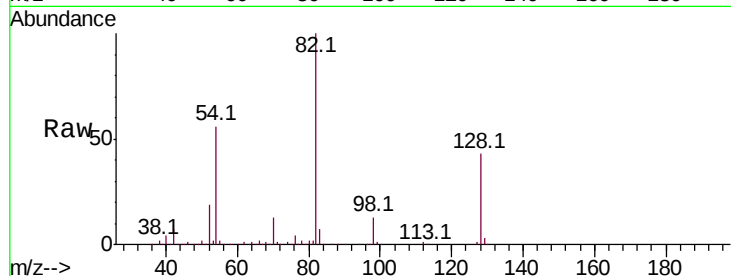




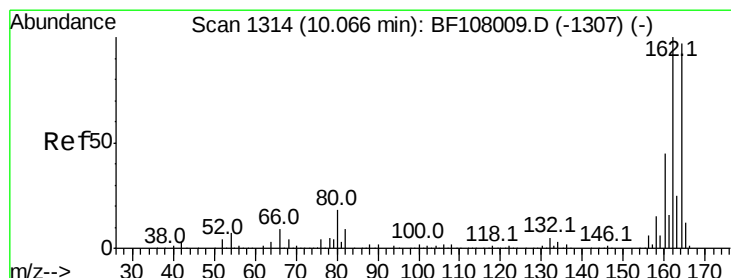
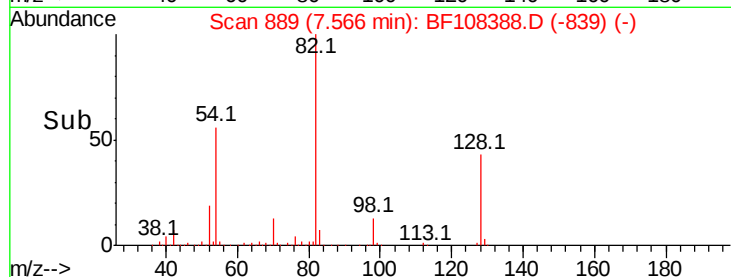
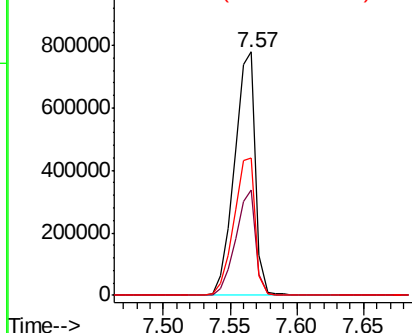
#23
 Nitrobenzene-d5
 Concen: 77.456 ng
 RT: 7.57 min Scan# 889
 Delta R.T. -0.01 min
 Lab File: BF108388.D
 Acq: 22 Aug 2018 17:33

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-037

Tot Ion	82	Resp	855717
Ion Ratio	Lower	Upper	
82	100		
128	43.4	36.1	54.1
54	56.3	41.4	62.2

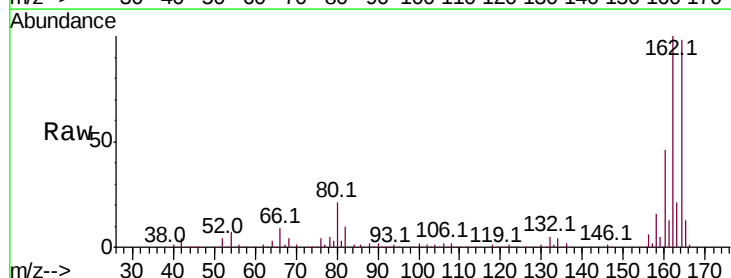


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

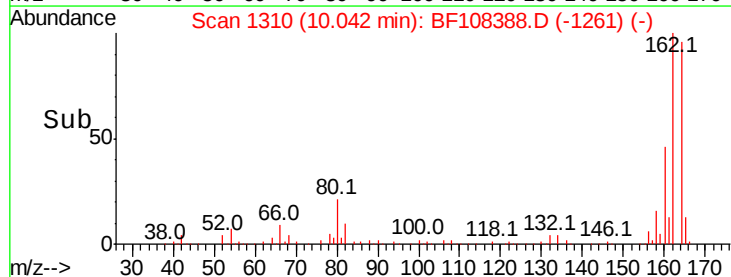
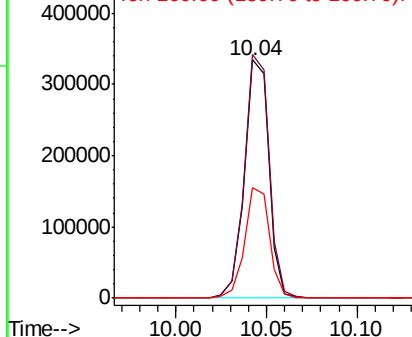


#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.04 min Scan# 1310
 Delta R.T. -0.01 min
 Lab File: BF108388.D
 Acq: 22 Aug 2018 17:33

Tgt Ion	164	Resp	313941
Ion Ratio	Lower	Upper	
164	100		
162	102.1	86.1	129.1
160	46.6	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: 121.763 ng

RT: 10.84 min Scan# 1446

Delta R.T. -0.01 min

Lab File: BF108388.D

Acq: 22 Aug 2018 17:33

Instrument :

BNA_F

ClientSampleId :

FK-PS-01-037

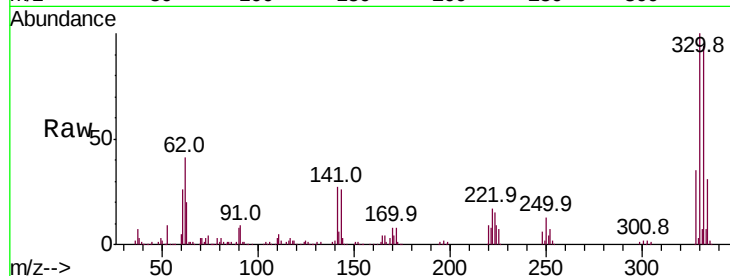
Tot Ion:330 Resp: 381300

Ion Ratio Lower Upper

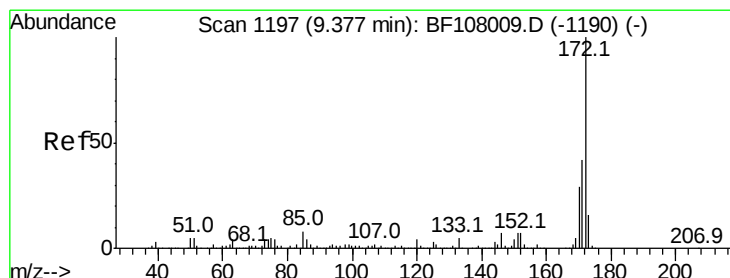
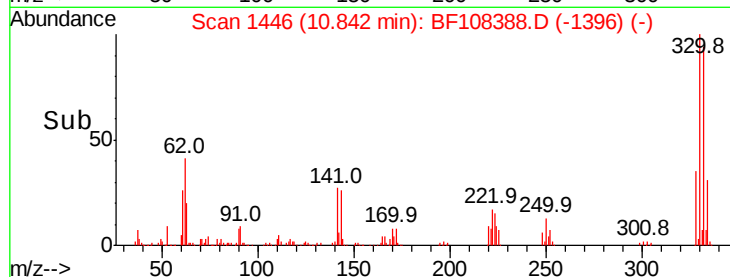
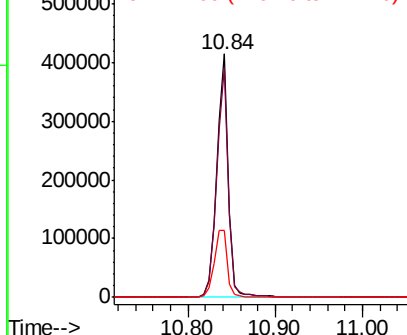
330 100

332 95.2 77.0 115.6

141 31.6 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: 82.240 ng

RT: 9.36 min Scan# 1194

Delta R.T. -0.01 min

Lab File: BF108388.D

Acq: 22 Aug 2018 17:33

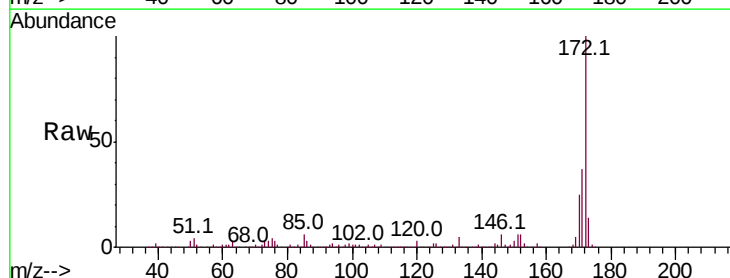
Tgt Ion:172 Resp: 1608151

Ion Ratio Lower Upper

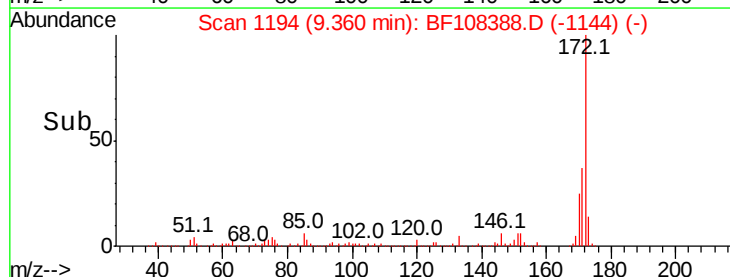
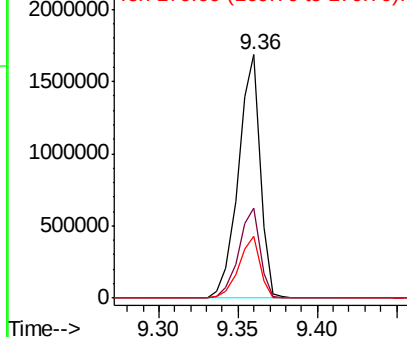
172 100

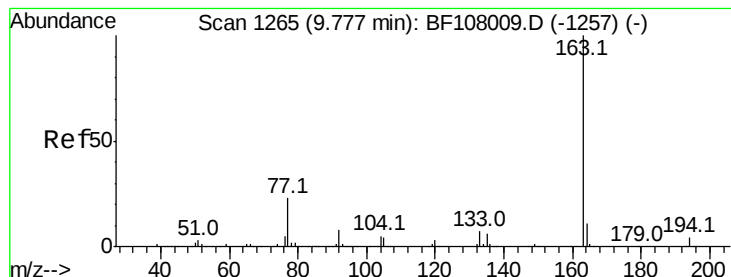
171 36.9 29.7 44.5

170 25.3 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: 9.889 ng

RT: 9.75 min Scan# 1260

Delta R.T. -0.02 min

Lab File: BF108388.D

Acq: 22 Aug 2018 17:33

Instrument :

BNA_F

ClientSampleId :

FK-PS-01-037

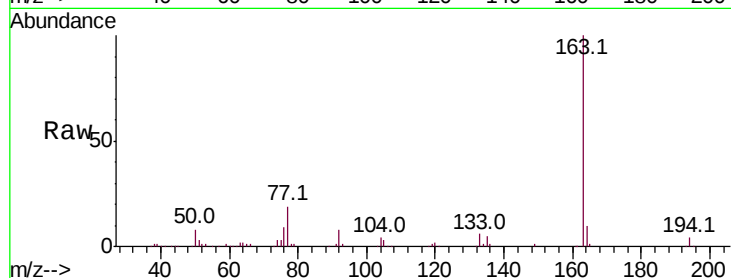
Tot Ion:163 Resp: 216255

Ion Ratio Lower Upper

163 100

194 4.2 2.7 4.1#

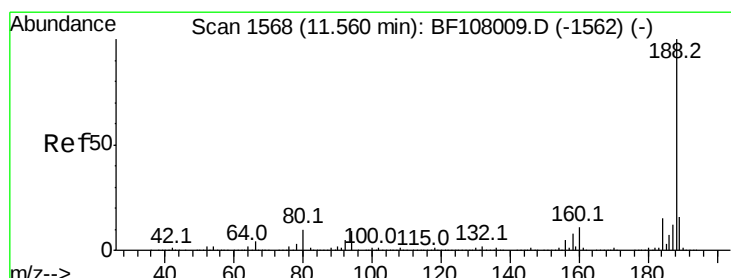
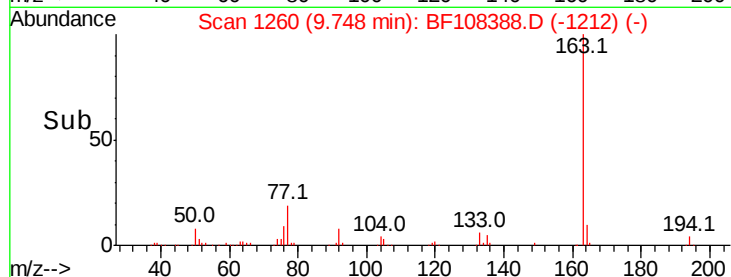
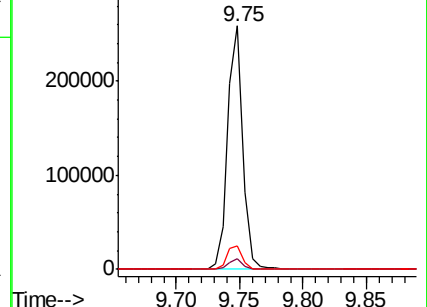
164 9.7 8.2 12.2



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: 11.54 min Scan# 1565

Delta R.T. -0.01 min

Lab File: BF108388.D

Acq: 22 Aug 2018 17:33

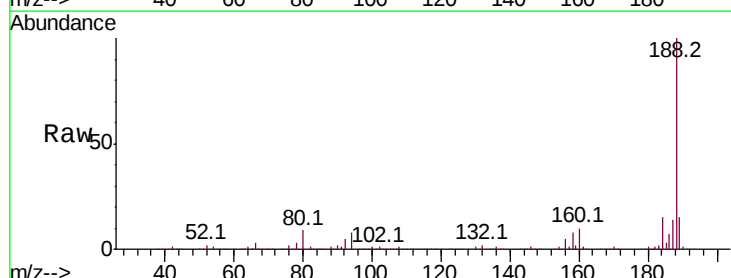
Tgt Ion:188 Resp: 586877

Ion Ratio Lower Upper

188 100

94 8.3 8.5 12.7#

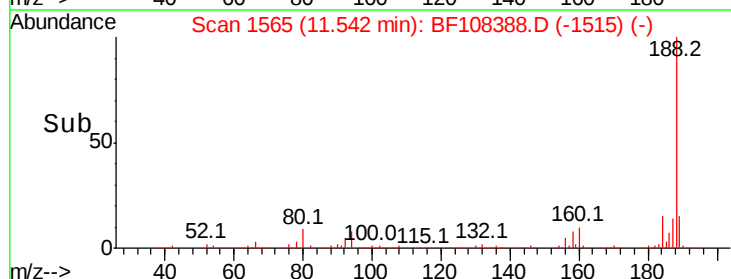
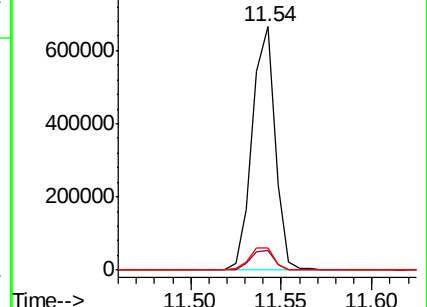
80 9.2 9.2 13.8

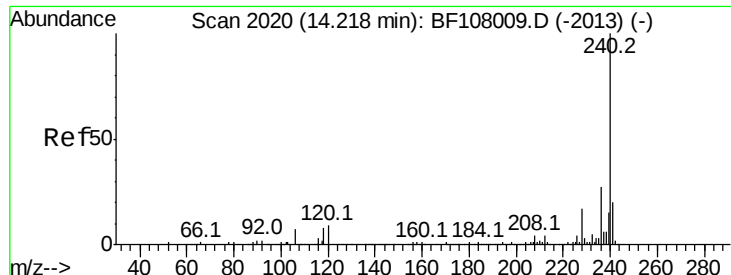


Abundance Ion 188.00 (187.70 to 188.70): E

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: 14.20 min Scan# 2016

Delta R.T. -0.01 min

Lab File: BF108388.D

Acq: 22 Aug 2018 17:33

Instrument :

BNA_F

ClientSampleId :

FK-PS-01-037

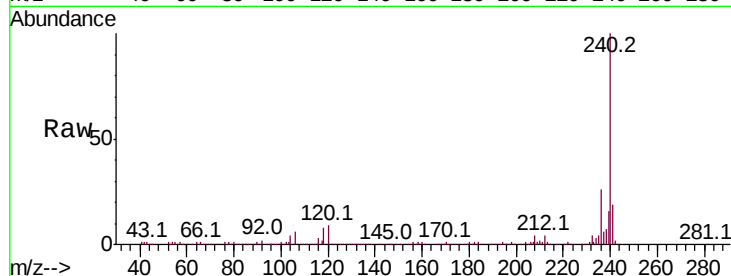
Tot Ion:240 Resp: 335053

Ion Ratio Lower Upper

240 100

120 8.6 9.5 14.3#

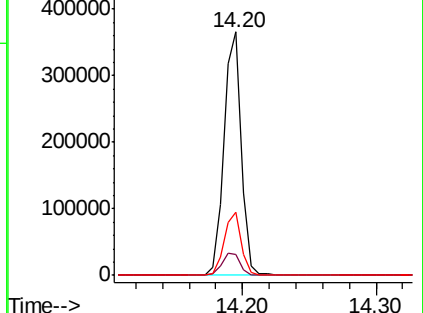
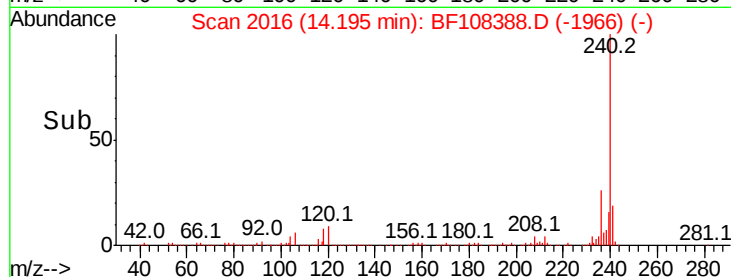
236 26.0 20.7 31.1



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: 112.364 ng

RT: 13.13 min Scan# 1835

Delta R.T. 0.00 min

Lab File: BF108388.D

Acq: 22 Aug 2018 17:33

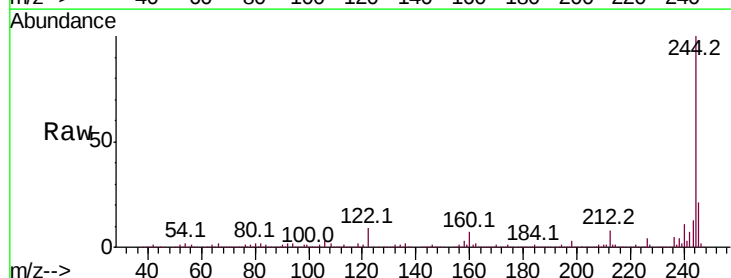
Tgt Ion:244 Resp: 1480699

Ion Ratio Lower Upper

244 100

212 7.5 5.4 8.0

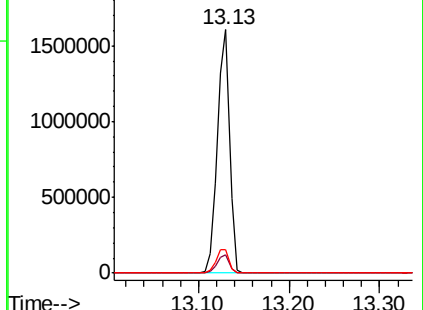
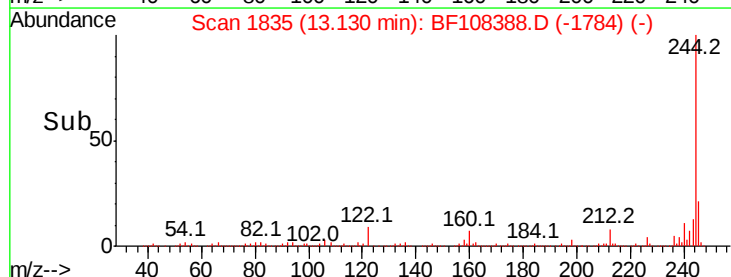
122 9.4 11.0 16.4#

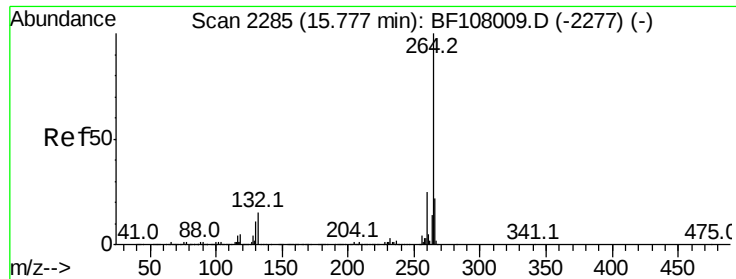


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.75 min Scan# 2280
 Delta R.T. -0.01 min
 Lab File: BF108388.D
 Acq: 22 Aug 2018 17:33

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-037

Tot Ion:	264	Resp:	322243
Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	21.8	17.5	26.3

