

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081518\
 Data File : BF108176.D
 Acq On : 15 Aug 2018 20:11
 Operator : JU/SJ
 Sample : J4477-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-SF-03-004-B

Quant Time: Aug 16 09:14:40 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 08 12:24:24 2018
 Response via : Initial Calibration

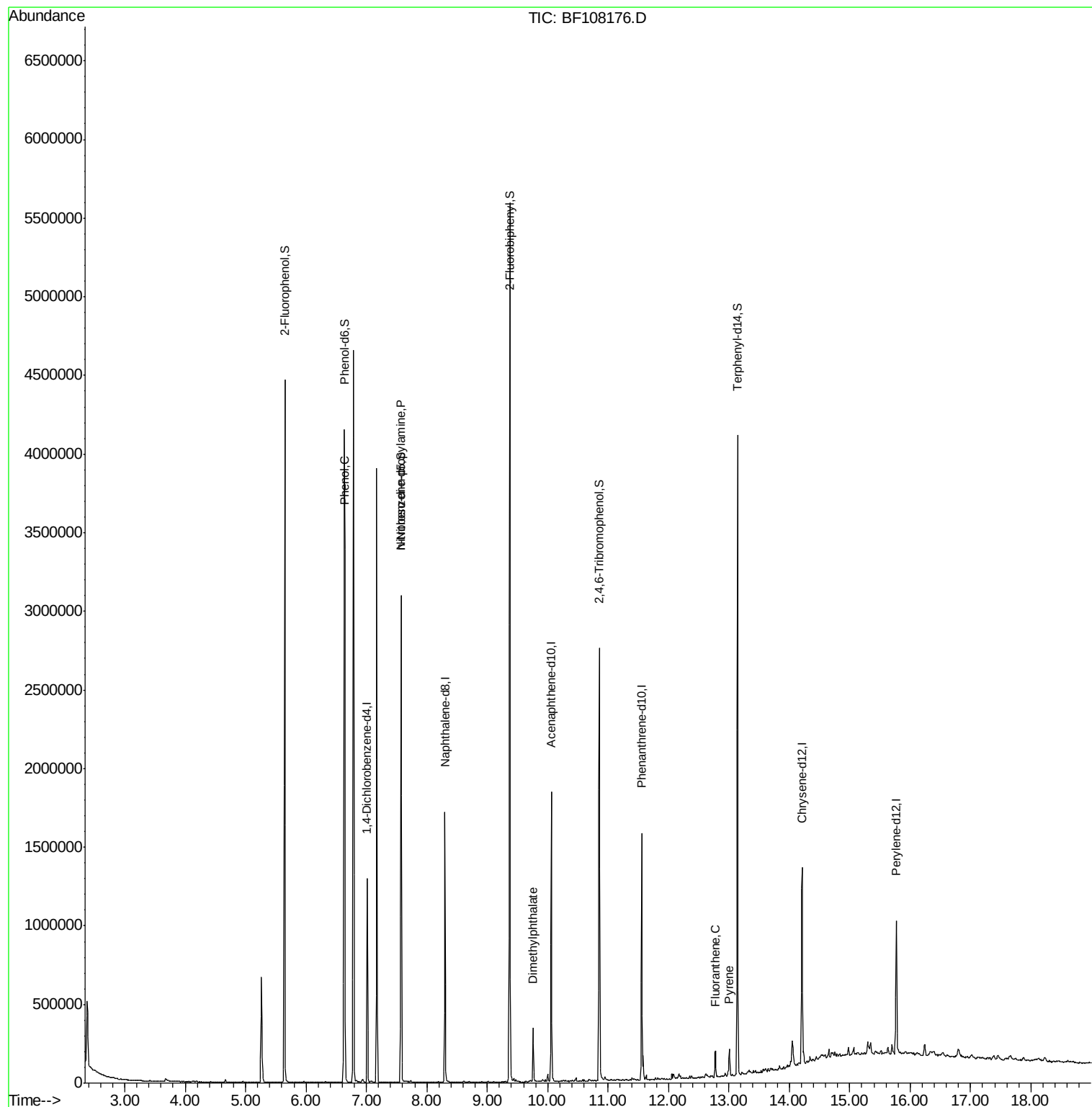
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.02	152	195207	20.00	ng	0.00
21) Naphthalene-d8	8.30	136	730091	20.00	ng	0.00
38) Acenaphthene-d10	10.06	164	361889	20.00	ng	0.00
63) Phenanthrene-d10	11.55	188	608036	20.00	ng	0.00
75) Chrysene-d12	14.21	240	423348	20.00	ng	0.00
86) Perylene-d12	15.78	264	437206	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	1121573	104.02	ng	0.02
7) Phenol-d6	6.64	99	1525149	106.44	ng	0.00
23) Nitrobenzene-d5	7.58	82	1010271	77.22	ng	0.00
41) 2,4,6-Tribromophenol	10.85	330	314582	87.15	ng	0.00
44) 2-Fluorobiphenyl	9.37	172	1792812	79.54	ng	0.00
78) Terphenyl-d14	13.14	244	1398107	83.97	ng	0.00
Target Compounds						
10) Phenol	6.65	94	29657	2.001	ng	91
19) n-Nitroso-di-n-propylamine	7.58	70	140827	14.535	ng	# 83
49) Dimethylphthalate	9.76	163	131227	5.206	ng	100
74) Fluoranthene	12.78	202	67005	2.141	ng	94
77) Pyrene	13.01	202	62144	2.319	ng	99

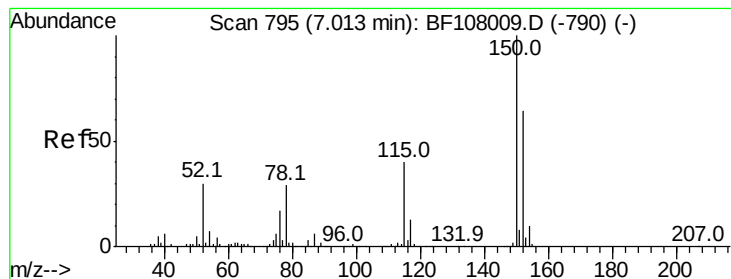
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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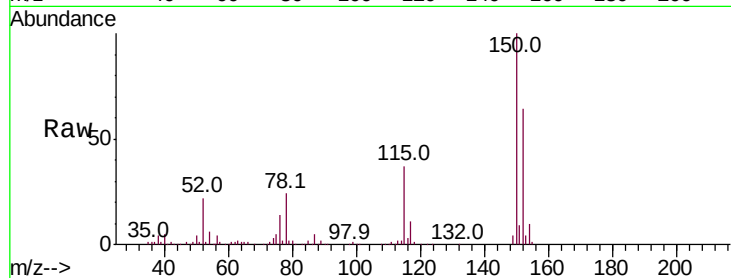


#1

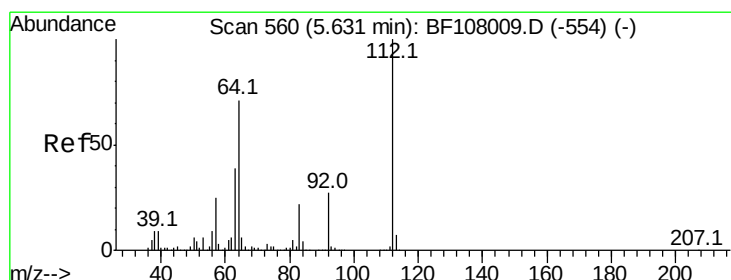
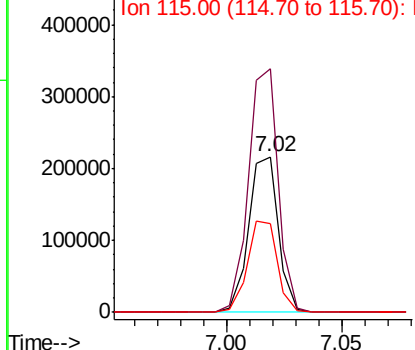
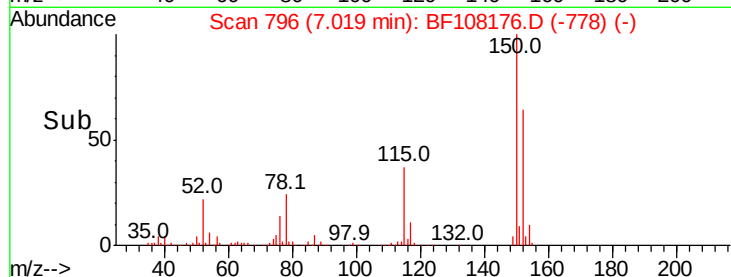
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.02 min Scan# 796
Delta R.T. 0.01 min
Lab File: BF108176.D
Acq: 15 Aug 2018 20:11

Instrument :
BNA_F
ClientSampleId :
FK-SF-03-004-B

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.1	124.6	186.8
115	57.1	50.1	75.1



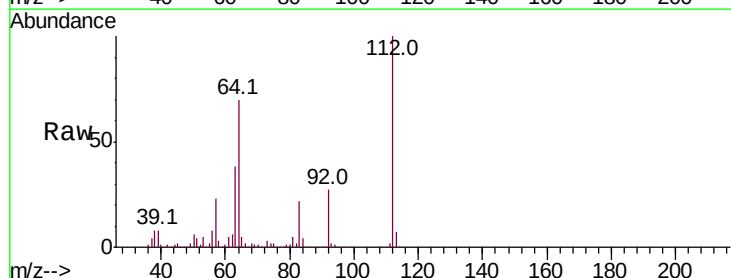
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



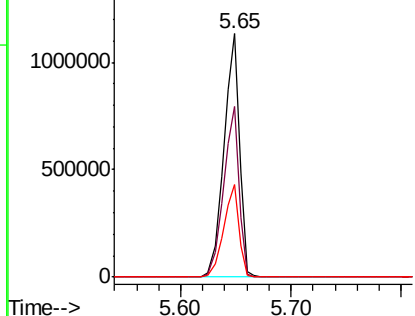
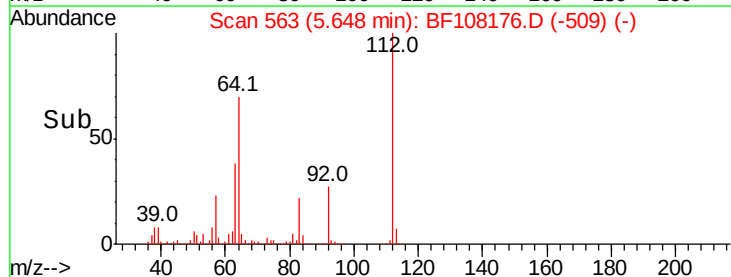
#5

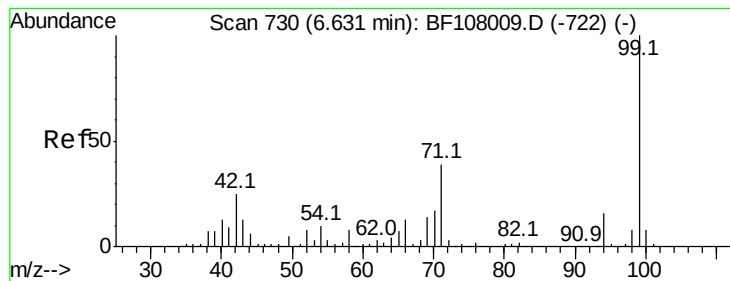
2-Fluorophenol
Concen: 104.021 ng
RT: 5.65 min Scan# 563
Delta R.T. 0.02 min
Lab File: BF108176.D
Acq: 15 Aug 2018 20:11

Tgt Ion	Ratio	Lower	Upper
112	100		
64	70.0	47.9	71.9
63	37.8	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: 106.445 ng

RT: 6.64 min Scan# 731

Delta R.T. 0.01 min

Lab File: BF108176.D

Acq: 15 Aug 2018 20:11

Instrument :

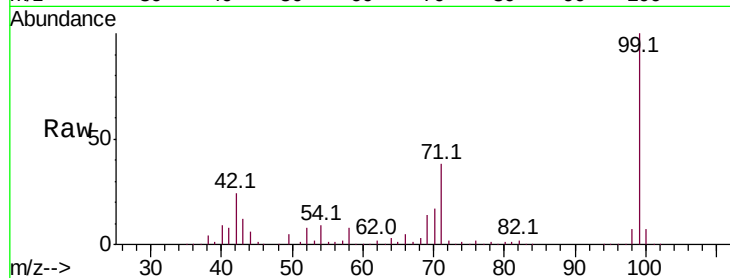
BNA_F

ClientSampleId :

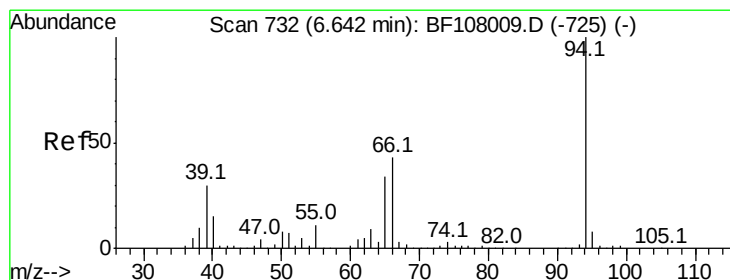
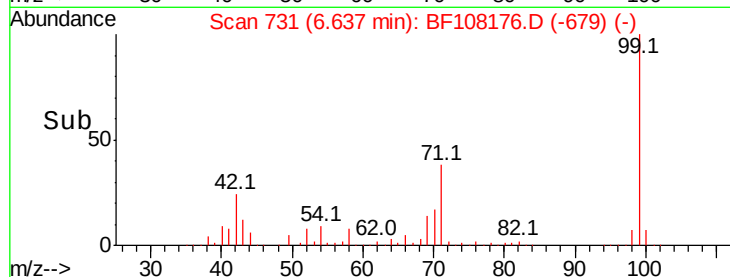
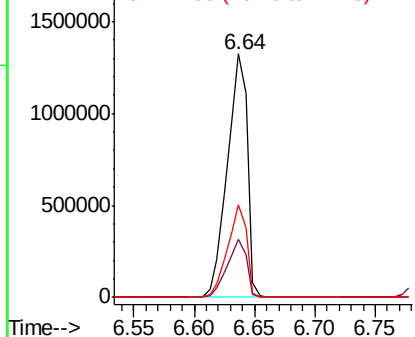
FK-SF-03-004-B

Tot Ion: 99 Resp: 1525149

Ion	Ratio	Lower	Upper
99	100		
42	24.0	14.5	21.7#
71	37.8	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



#10

Phenol

Concen: 2.001 ng

RT: 6.65 min Scan# 733

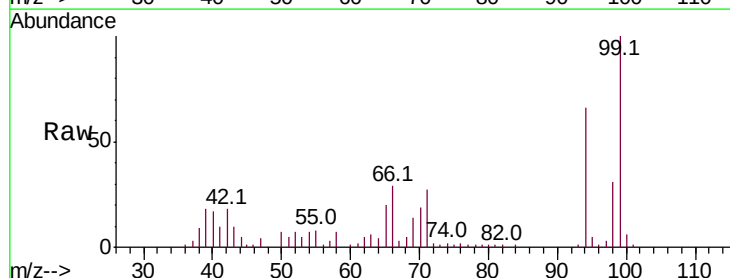
Delta R.T. 0.01 min

Lab File: BF108176.D

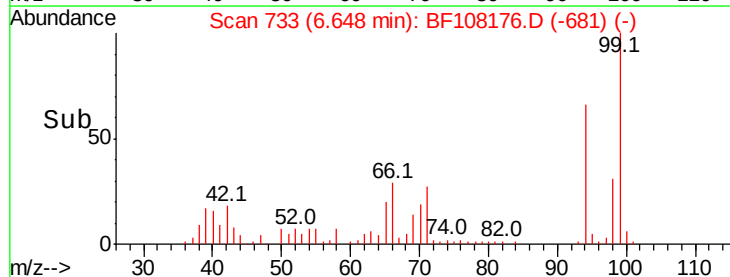
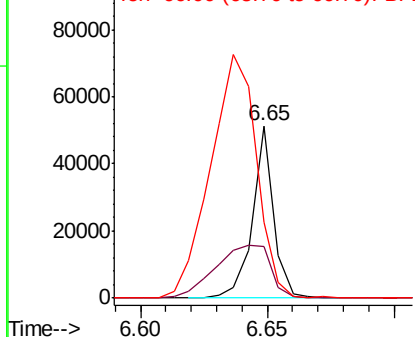
Acq: 15 Aug 2018 20:11

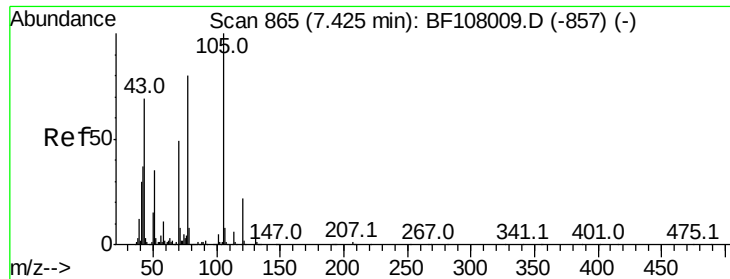
Tgt Ion: 94 Resp: 29657

Ion	Ratio	Lower	Upper
94	100		
65	30.0	7.9	47.9
66	44.2	16.2	56.2



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1

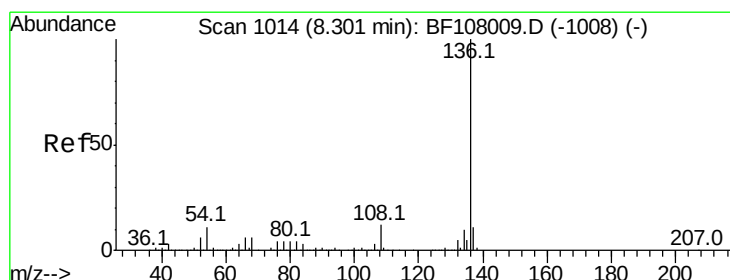
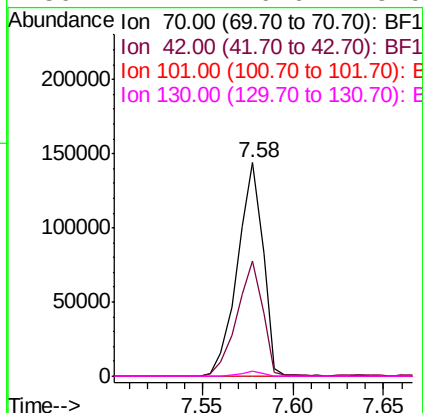
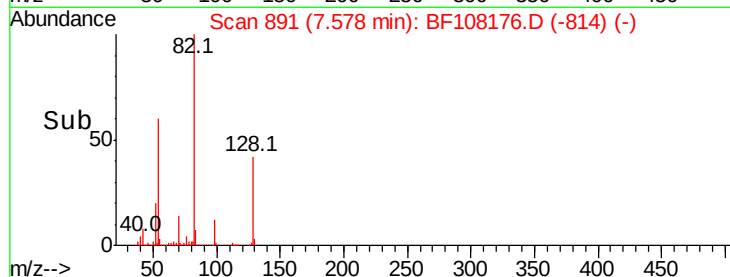
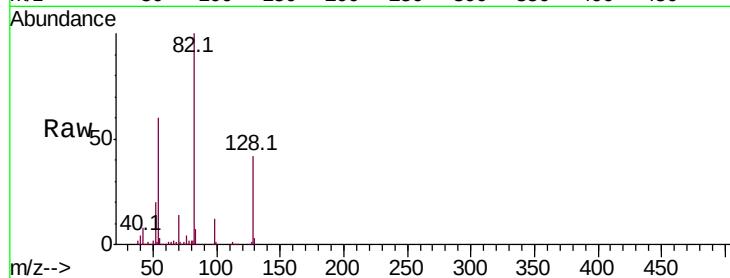




#19
n-Nitroso-di-n-propylamine
Concen: 14.535 ng
RT: 7.58 min Scan# 891
Delta R.T. 0.15 min
Lab File: BF108176.D
Acq: 15 Aug 2018 20:11

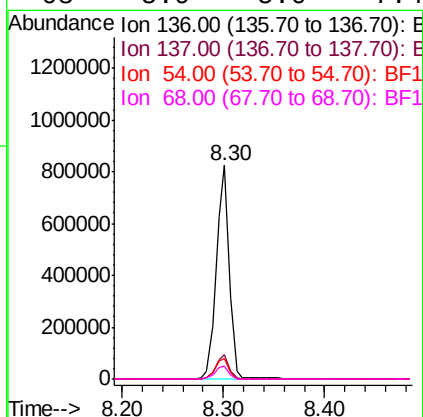
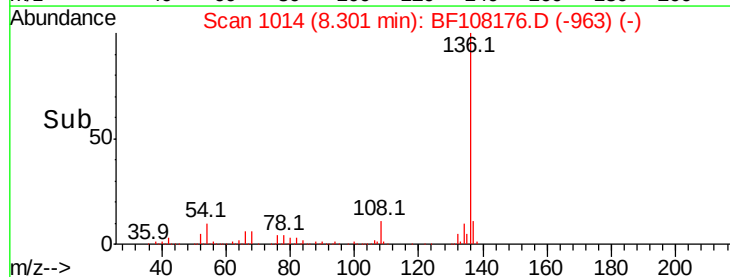
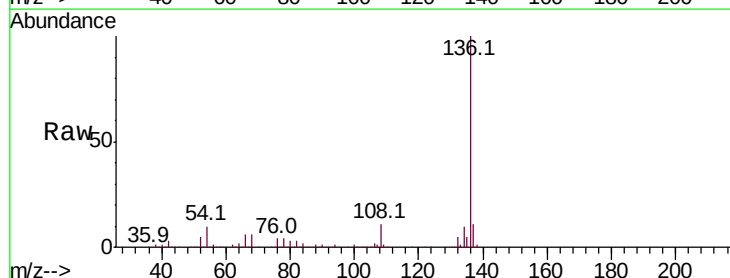
Instrument :
BNA_F
ClientSampleId :
FK-SF-03-004-B

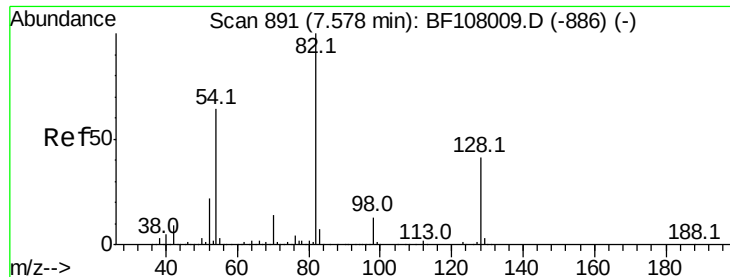
Tot Ion: 70 Resp: 140827
Ion Ratio Lower Upper
70 100
42 53.8 47.5 71.3
101 0.0 7.4 11.2#
130 2.1 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.30 min Scan# 1014
Delta R.T. 0.00 min
Lab File: BF108176.D
Acq: 15 Aug 2018 20:11

Tgt Ion: 136 Resp: 730091
Ion Ratio Lower Upper
136 100
137 11.3 8.9 13.3
54 9.8 6.6 9.8
68 5.9 5.0 7.4

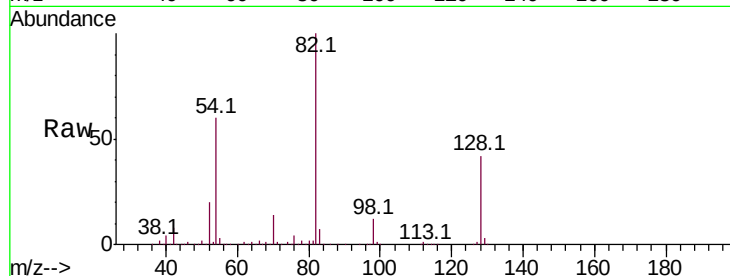




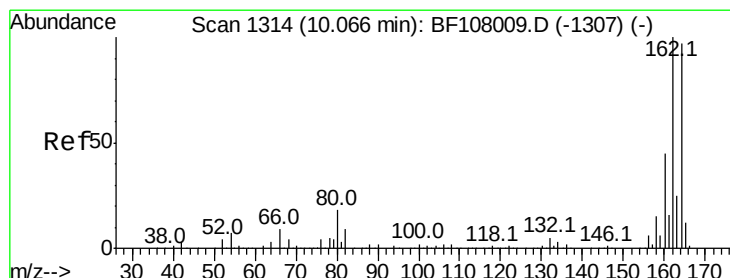
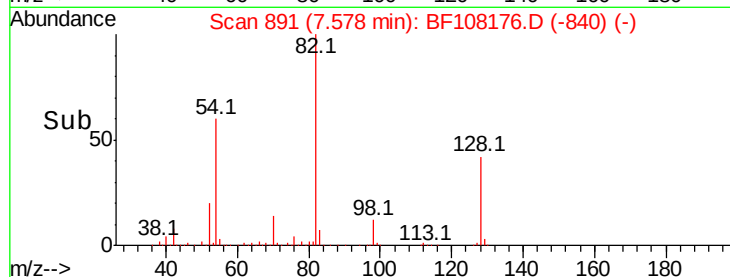
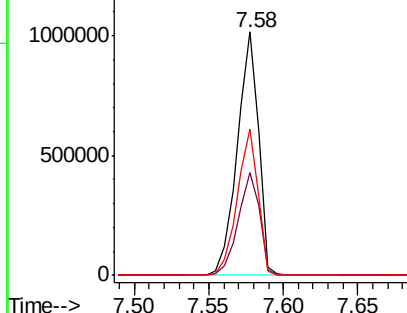
#23
 Nitrobenzene-d5
 Concen: 77.216 ng
 RT: 7.58 min Scan# 891
 Delta R.T. 0.00 min
 Lab File: BF108176.D
 Acq: 15 Aug 2018 20:11

Instrument :
 BNA_F
 ClientSampleId :
 FK-SF-03-004-B

Tot Ion: 82 Resp: 1010271
 Ion Ratio Lower Upper
 82 100
 128 42.5 36.1 54.1
 54 59.9 41.4 62.2

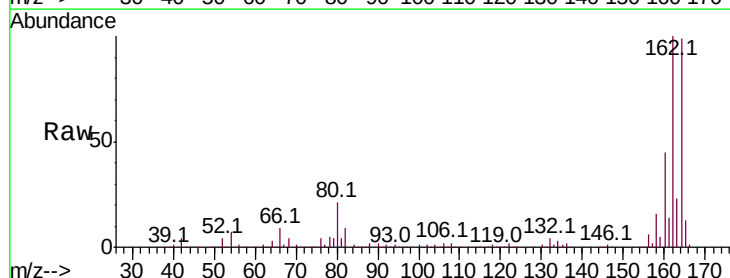


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

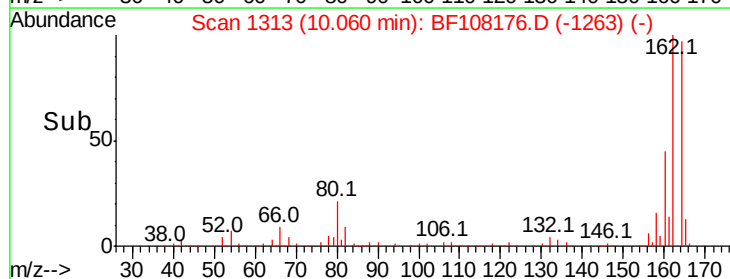
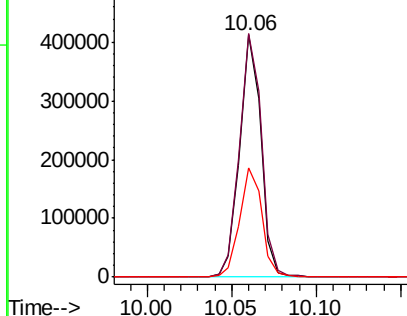


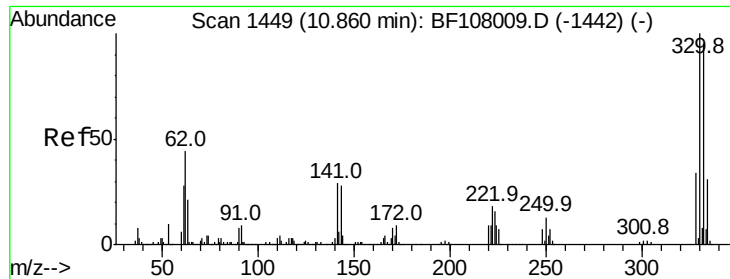
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.06 min Scan# 1313
 Delta R.T. -0.01 min
 Lab File: BF108176.D
 Acq: 15 Aug 2018 20:11

Tgt Ion:164 Resp: 361889
 Ion Ratio Lower Upper
 164 100
 162 100.7 86.1 129.1
 160 45.1 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

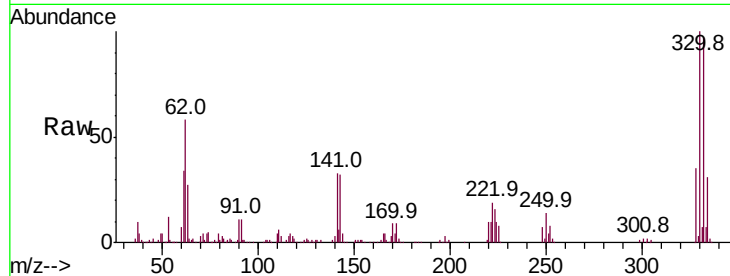




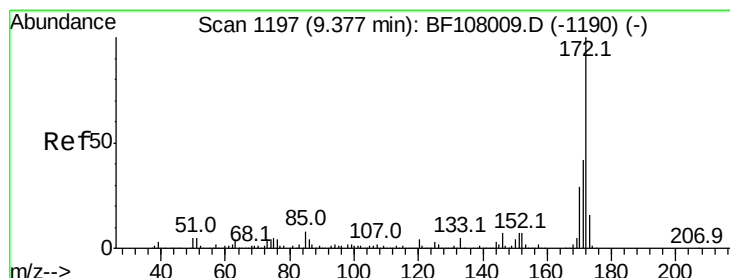
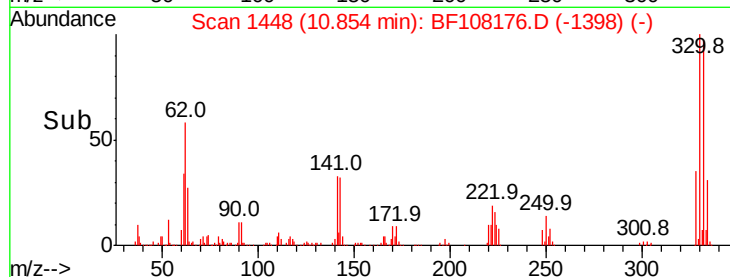
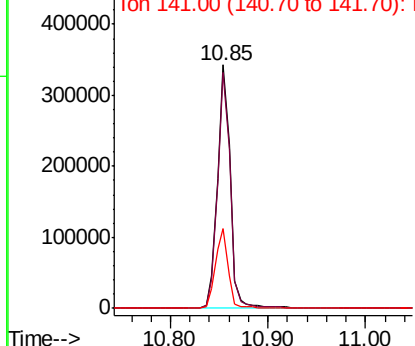
#41
 2,4,6-Tribromophenol
 Concen: 87.148 ng
 RT: 10.85 min Scan# 1448
 Delta R.T. -0.01 min
 Lab File: BF108176.D
 Acq: 15 Aug 2018 20:11

Instrument :
 BNA_F
 ClientSampleId :
 FK-SF-03-004-B

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.0	115.6
141	32.9	29.9	44.9

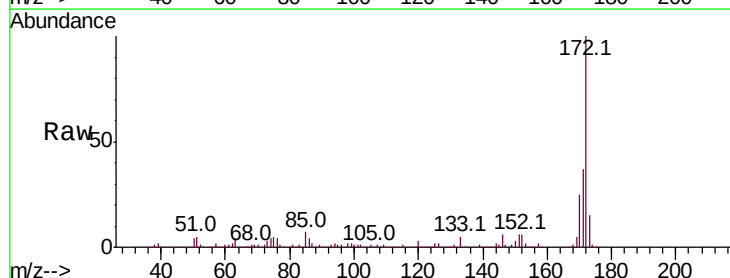


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

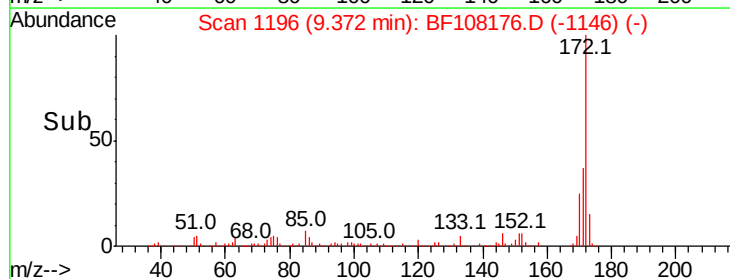
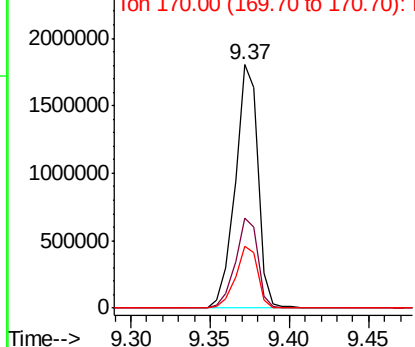


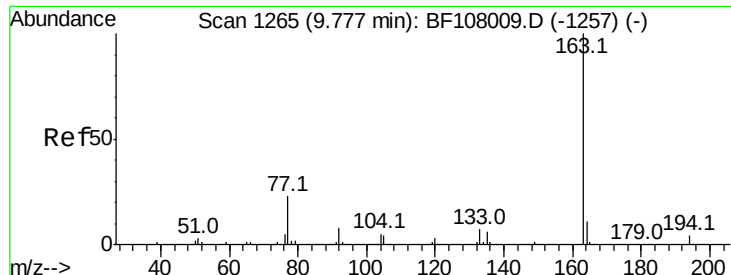
#44
 2-Fluorobiphenyl
 Concen: 79.536 ng
 RT: 9.37 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BF108176.D
 Acq: 15 Aug 2018 20:11

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.2	29.7	44.5
170	25.2	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

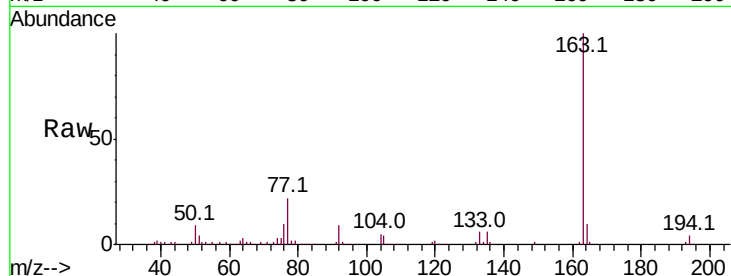




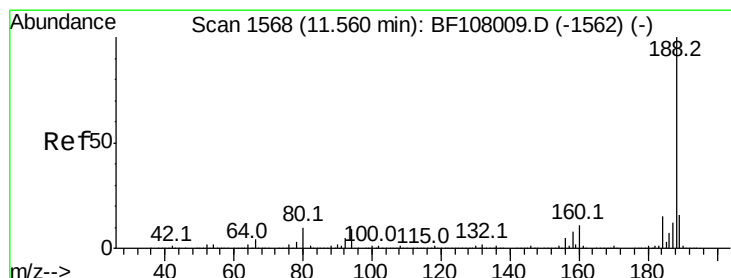
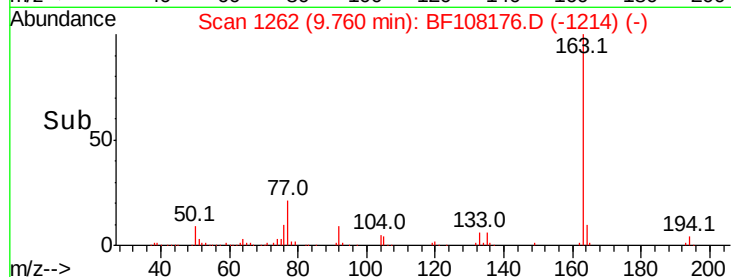
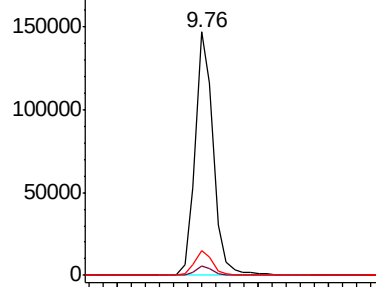
#49
Dimethylphthalate
Concen: 5.206 ng
RT: 9.76 min Scan# 1262
Delta R.T. -0.02 min
Lab File: BF108176.D
Acq: 15 Aug 2018 20:11

Instrument :
BNA_F
ClientSampleId :
FK-SF-03-004-B

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.8	2.7	4.1
164	10.1	8.2	12.2

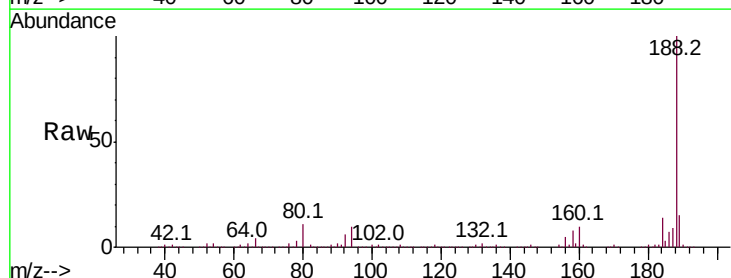


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

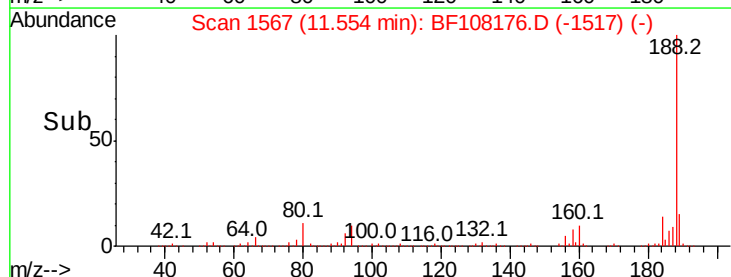
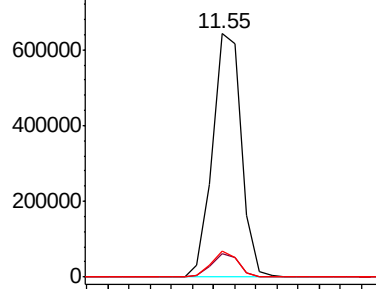


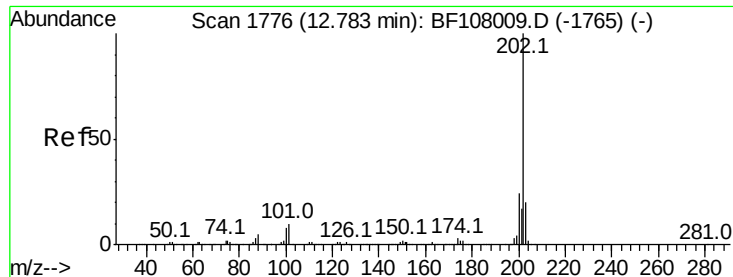
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.55 min Scan# 1567
Delta R.T. -0.01 min
Lab File: BF108176.D
Acq: 15 Aug 2018 20:11

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.6	8.5	12.7
80	10.6	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





#74

Fluoranthene

Concen: 2.141 ng

RT: 12.78 min Scan# 1775

Delta R.T. -0.01 min

Lab File: BF108176.D

Acq: 15 Aug 2018 20:11

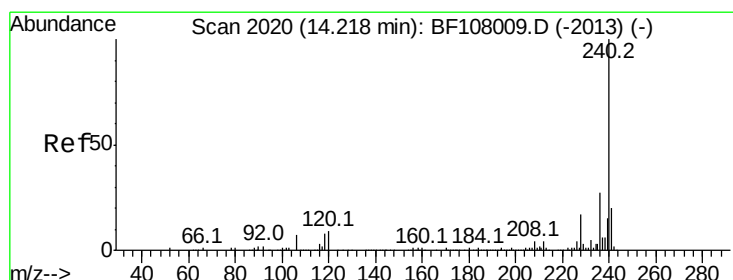
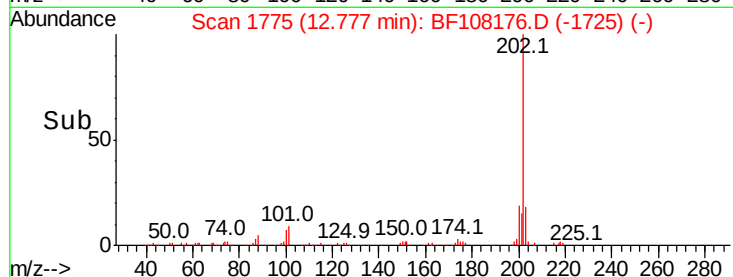
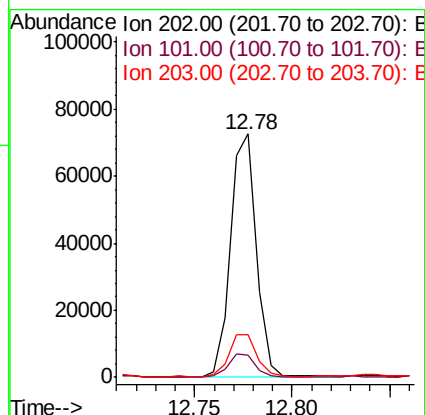
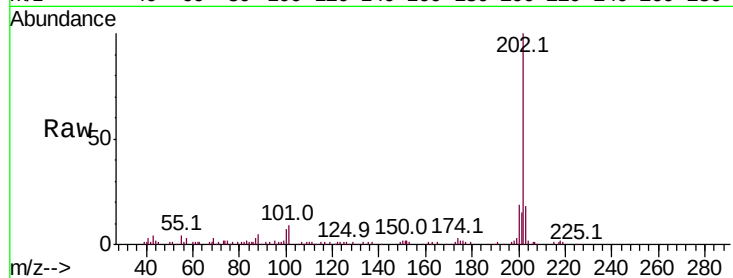
Instrument :

BNA_F

ClientSampleId :

FK-SF-03-004-B

Tot Ion:	202	Resp:	67005
Ion	Ratio	Lower	Upper
202	100		
101	9.2	0.0	34.1
203	17.7	0.0	38.1



#75

Chrysene-d12

Concen: 20.000 ng

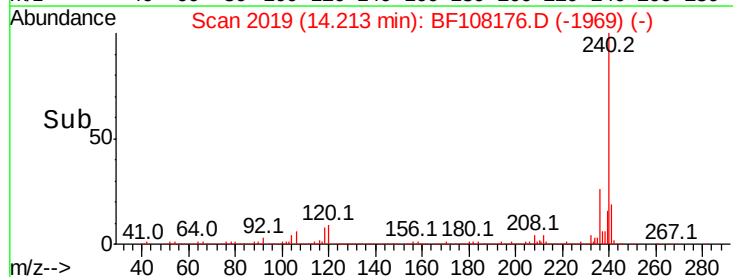
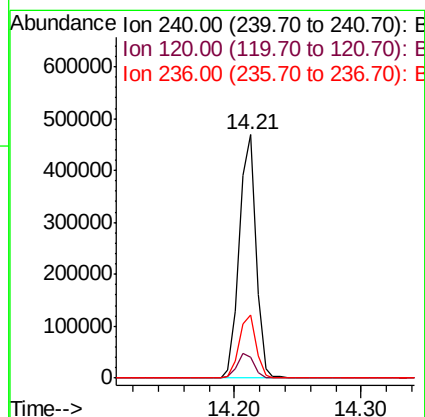
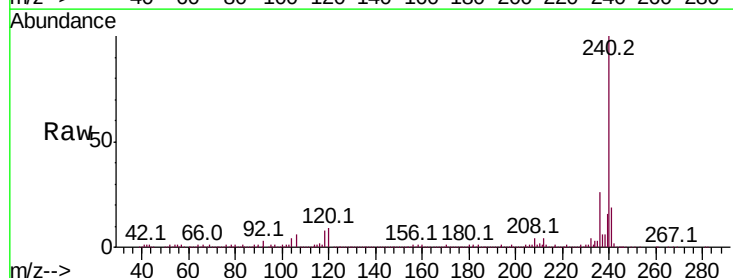
RT: 14.21 min Scan# 2019

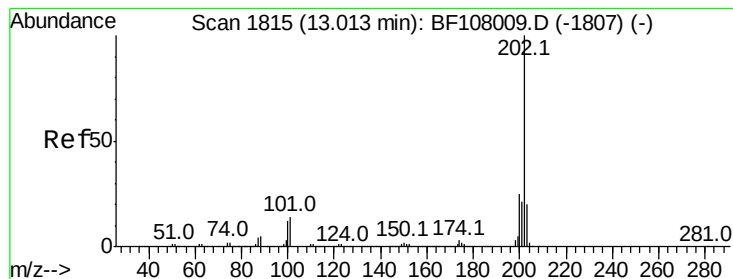
Delta R.T. -0.01 min

Lab File: BF108176.D

Acq: 15 Aug 2018 20:11

Tgt Ion:	240	Resp:	423348
Ion	Ratio	Lower	Upper
240	100		
120	8.7	9.5	14.3#
236	26.1	20.7	31.1





#77

Pvrene

Concen: 2.319 ng

RT: 13.01 min Scan# 1814

Delta R.T. -0.01 min

Lab File: BF108176.D

Acq: 15 Aug 2018 20:11

Instrument :

BNA_F

ClientSampleId :

FK-SF-03-004-B

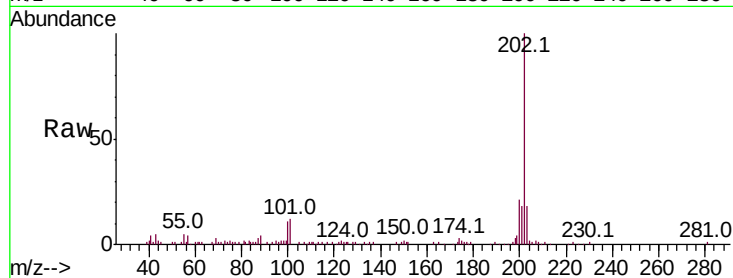
Tot Ion:202 Resp: 62144

Ion Ratio Lower Upper

202 100

200 21.3 17.4 26.2

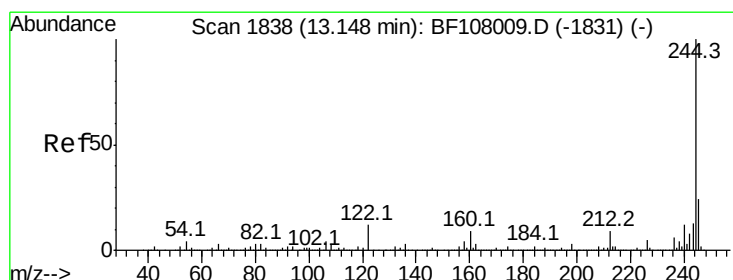
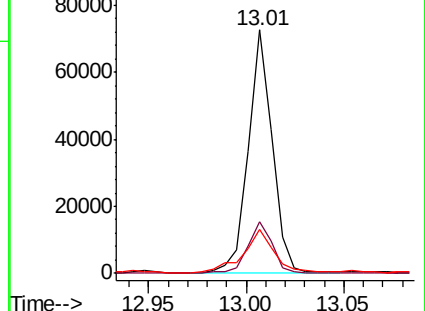
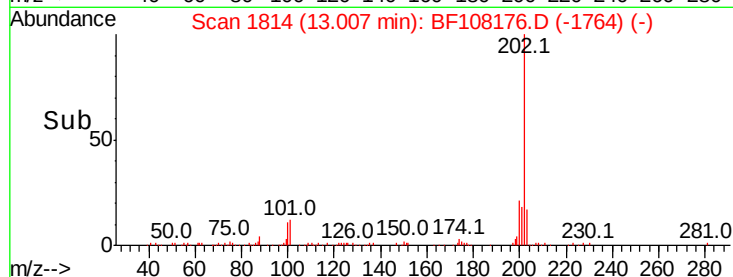
203 18.0 14.3 21.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 83.968 ng

RT: 13.14 min Scan# 1837

Delta R.T. -0.01 min

Lab File: BF108176.D

Acq: 15 Aug 2018 20:11

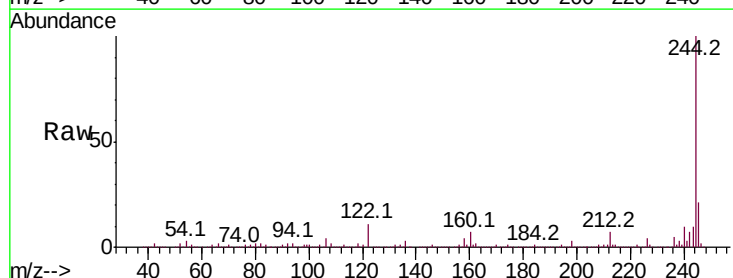
Tgt Ion:244 Resp: 1398107

Ion Ratio Lower Upper

244 100

212 7.4 5.4 8.0

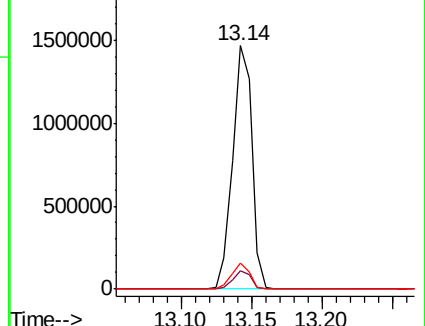
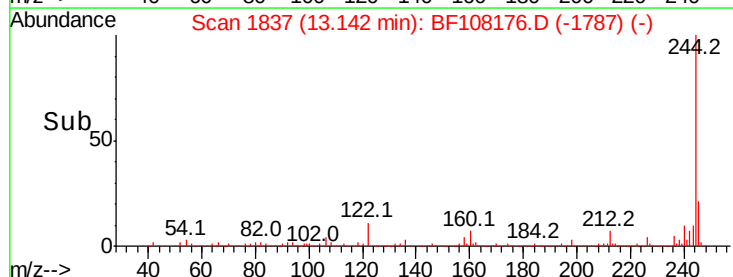
122 10.8 11.0 16.4#

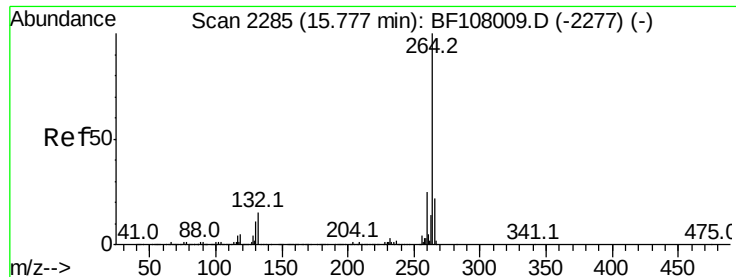


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.78 min Scan# 2285
 Delta R.T. 0.00 min
 Lab File: BF108176.D
 Acq: 15 Aug 2018 20:11

Instrument :
 BNA_F
 ClientSampleId :
 FK-SF-03-004-B

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.2	28.8
265	21.8	17.5	26.3

