

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092018\
 Data File : BF109192.D
 Acq On : 20 Sep 2018 19:59
 Operator : JU/SJ
 Sample : J5004-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-026-A

Quant Time: Sep 21 07:43:03 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 14 13:26:52 2018
 Response via : Initial Calibration

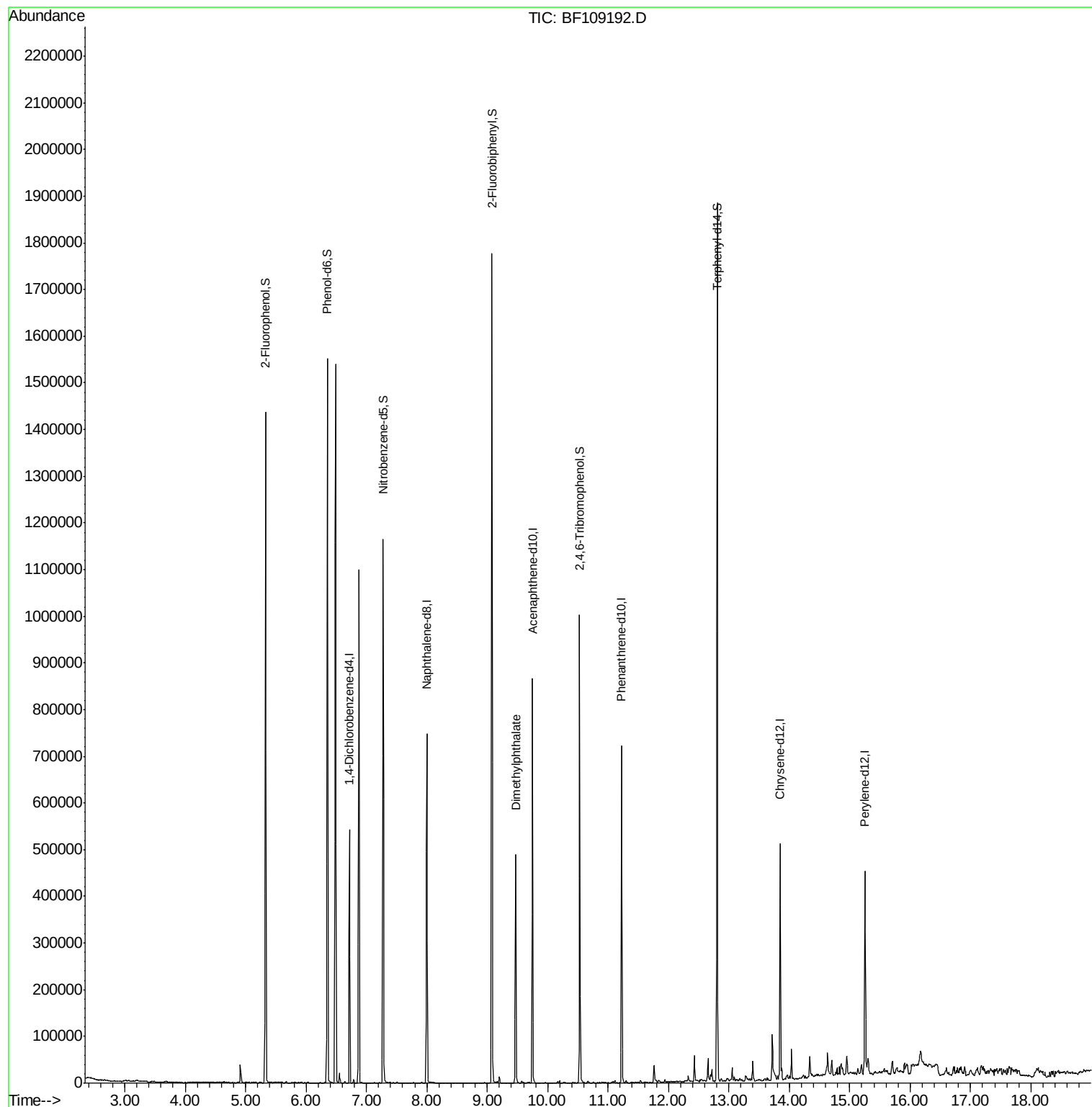
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	64093	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	302321	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	158644	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	238318	20.00	ng	0.00
75) Chrysene-d12	13.85	240	156165	20.00	ng	-0.01
86) Perylene-d12	15.25	264	172105	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	394965	102.35	ng	0.00
7) Phenol-d6	6.35	99	522981	105.10	ng	0.00
23) Nitrobenzene-d5	7.28	82	359649	66.72	ng	-0.01
41) 2,4,6-Tribromophenol	10.54	330	112558	65.38	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	545461	53.87	ng	0.00
78) Terphenyl-d14	12.81	244	578116	87.75	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.47	163	189914	16.749	ng	Qvalue # 98

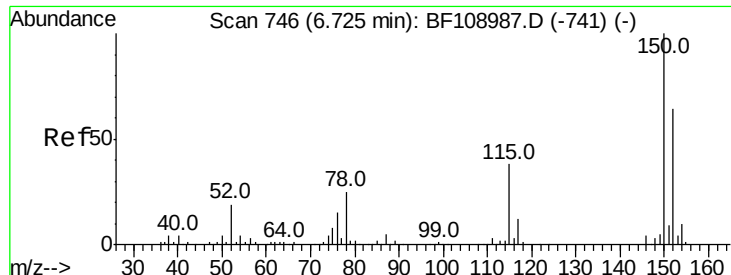
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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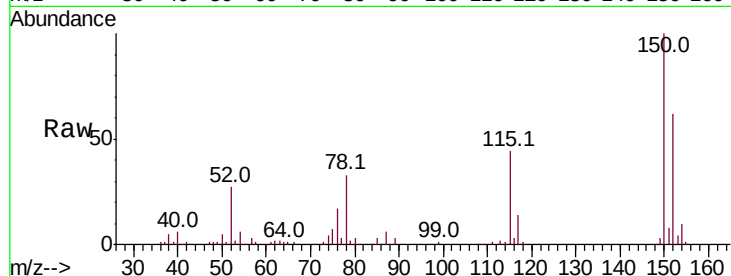


#1

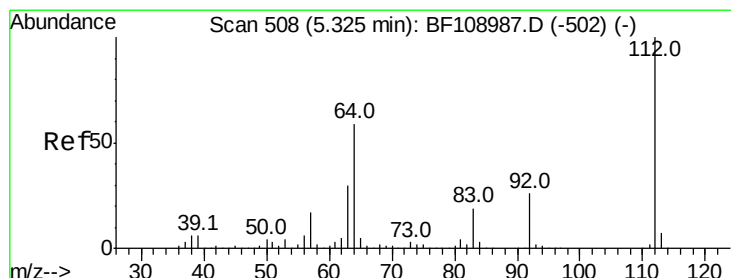
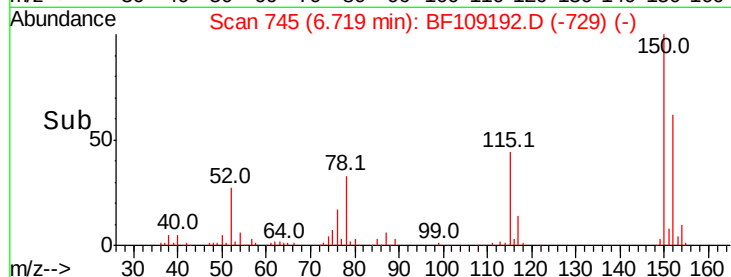
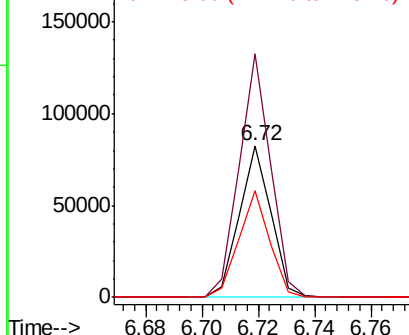
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.72 min Scan# 745
 Delta R.T. -0.01 min
 Lab File: BF109192.D
 Acq: 20 Sep 2018 19:59

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-026-A

Tot Ion:152 Resp: 64093
 Ion Ratio Lower Upper
 152 100
 150 160.7 124.6 186.8
 115 70.2 50.1 75.1



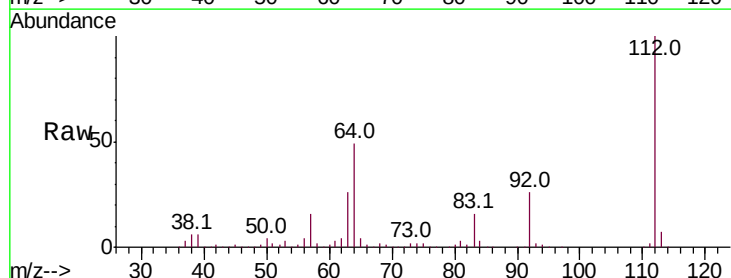
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



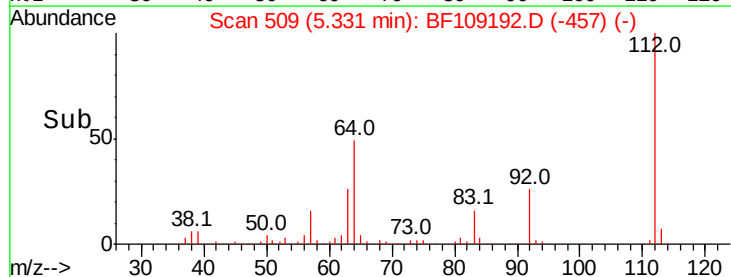
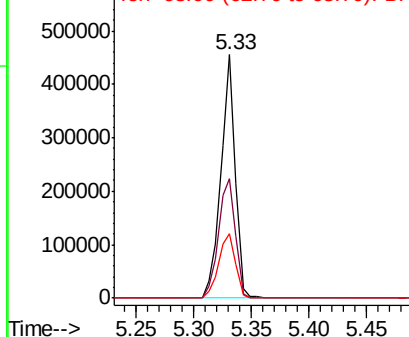
#5

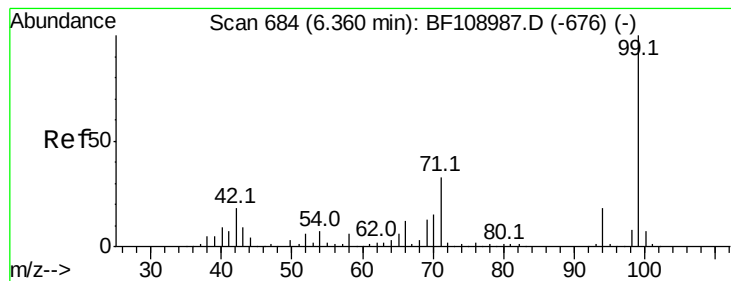
2-Fluorophenol
 Concen: 102.350 ng
 RT: 5.33 min Scan# 509
 Delta R.T. 0.01 min
 Lab File: BF109192.D
 Acq: 20 Sep 2018 19:59

Tgt Ion:112 Resp: 394965
 Ion Ratio Lower Upper
 112 100
 64 48.9 47.9 71.9
 63 26.5 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: 105.102 ng

RT: 6.35 min Scan# 683

Delta R.T. -0.01 min

Lab File: BF109192.D

Acq: 20 Sep 2018 19:59

Instrument :

BNA_F

ClientSampleId :

FK-GF-02-026-A

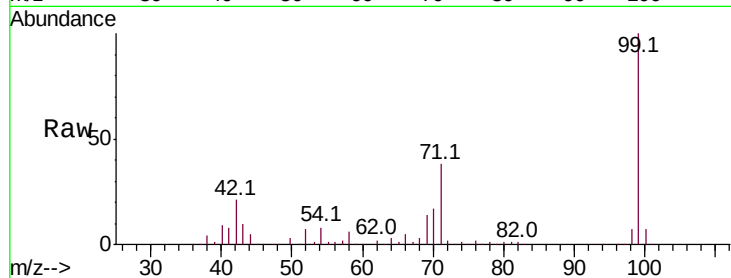
Tot Ion: 99 Resp: 522981

Ion Ratio Lower Upper

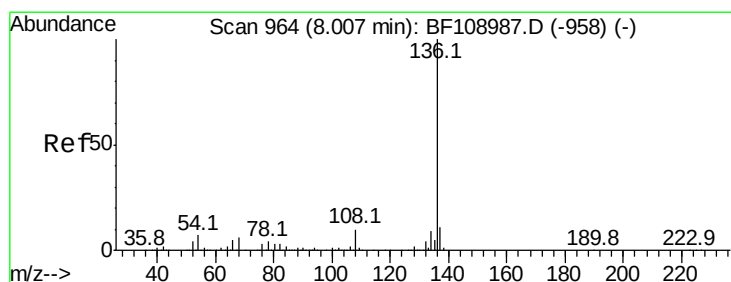
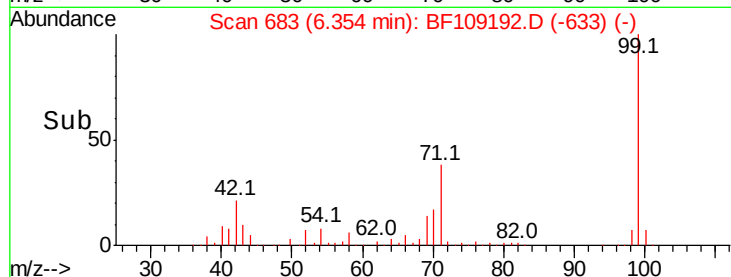
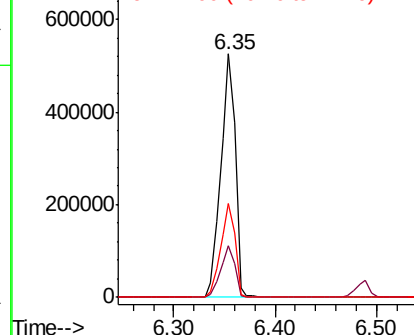
99 100

42 21.3 14.5 21.7

71 38.5 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: 8.00 min Scan# 963

Delta R.T. -0.01 min

Lab File: BF109192.D

Acq: 20 Sep 2018 19:59

Tgt Ion: 136 Resp: 302321

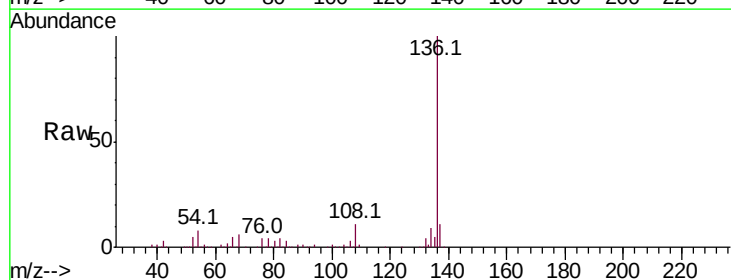
Ion Ratio Lower Upper

136 100

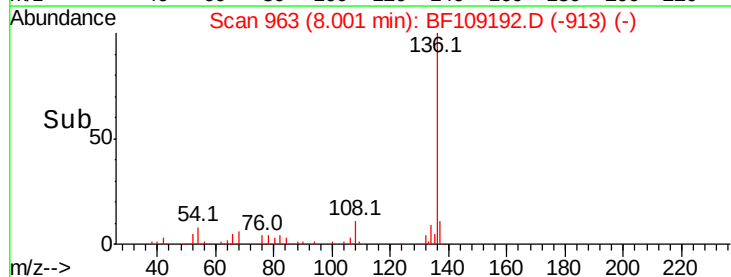
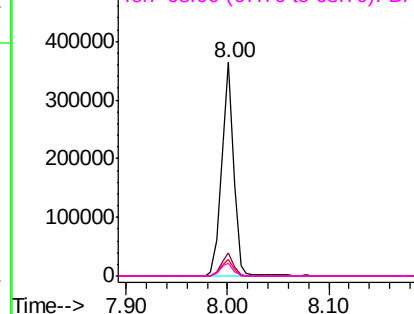
137 10.8 8.9 13.3

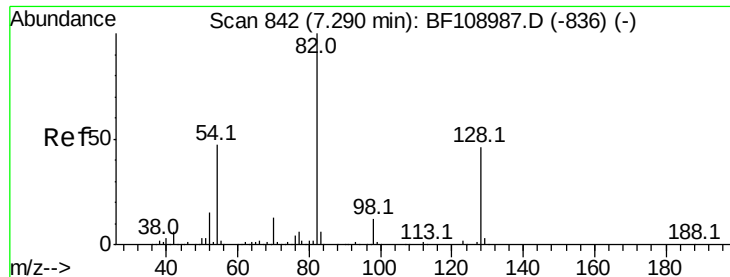
54 7.8 6.6 9.8

68 5.8 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: 66.724 ng

RT: 7.28 min Scan# 840

Delta R.T. -0.01 min

Lab File: BF109192.D

Acq: 20 Sep 2018 19:59

Instrument :

BNA_F

ClientSampleId :

FK-GF-02-026-A

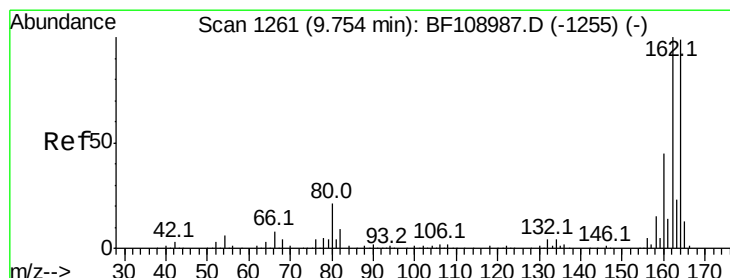
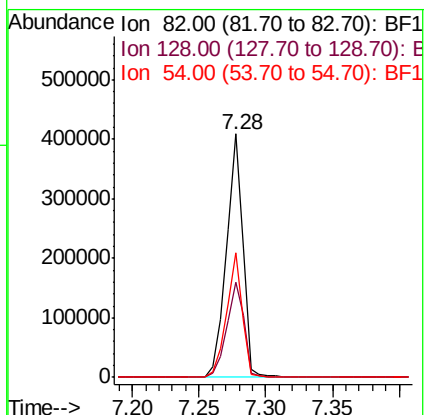
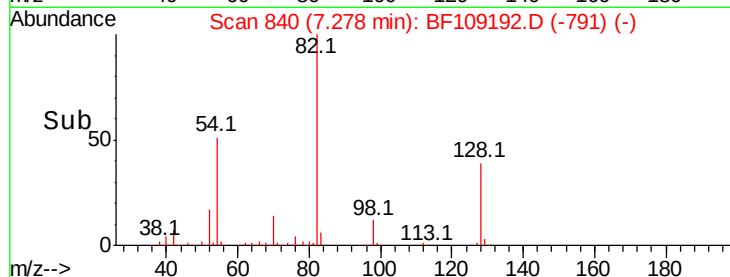
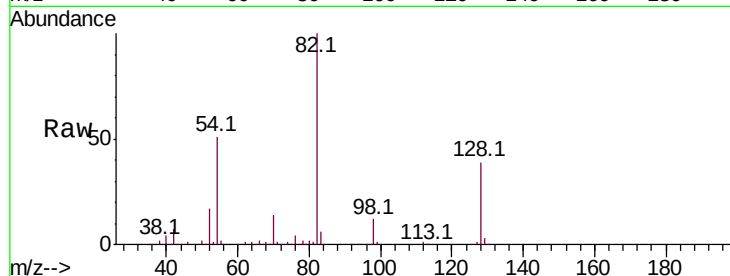
Tot Ion: 82 Resp: 359649

Ion Ratio Lower Upper

82 100

128 38.9 36.1 54.1

54 51.1 41.4 62.2



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.75 min Scan# 1260

Delta R.T. -0.01 min

Lab File: BF109192.D

Acq: 20 Sep 2018 19:59

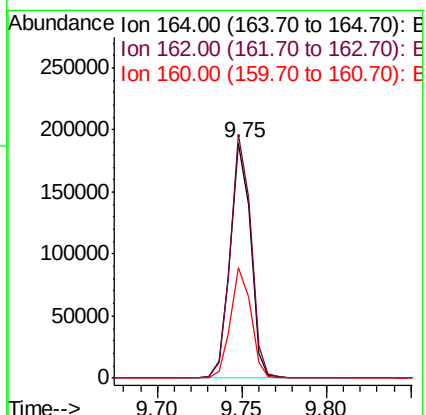
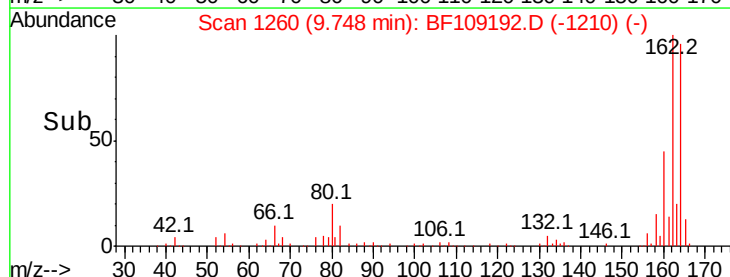
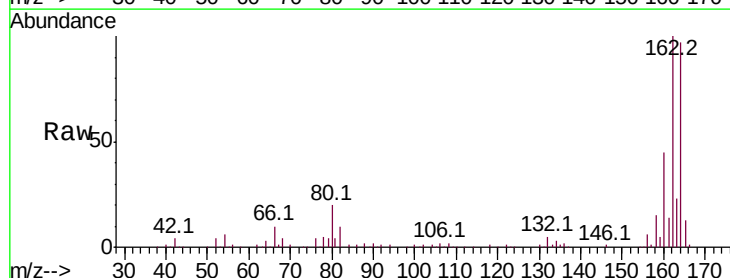
Tgt Ion: 164 Resp: 158644

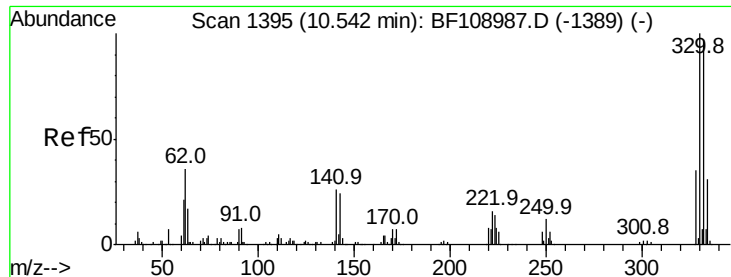
Ion Ratio Lower Upper

164 100

162 103.5 86.1 129.1

160 47.0 38.3 57.5

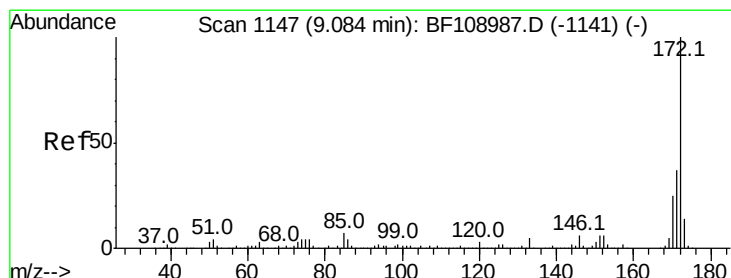
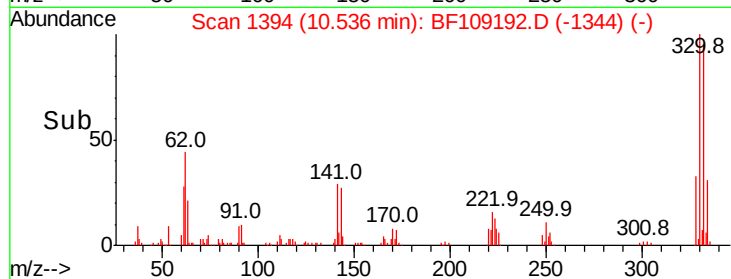
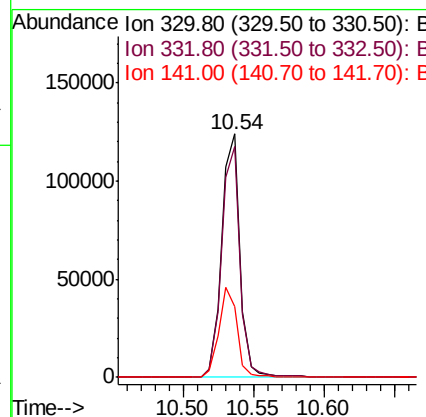
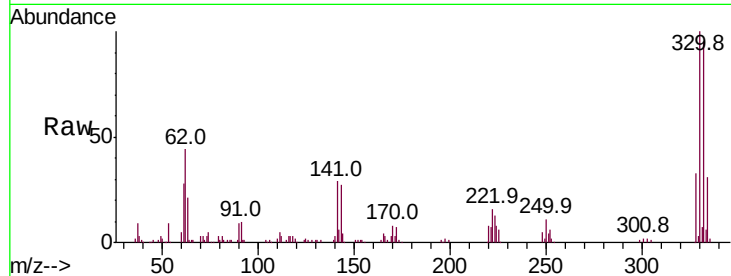




#41
 2,4,6-Tribromophenol
 Concen: 65.376 ng
 RT: 10.54 min Scan# 1394
 Delta R.T. -0.01 min
 Lab File: BF109192.D
 Acq: 20 Sep 2018 19:59

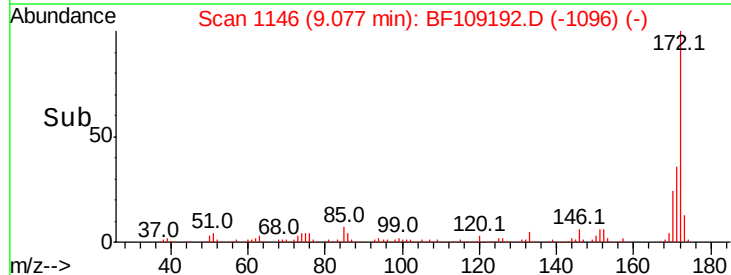
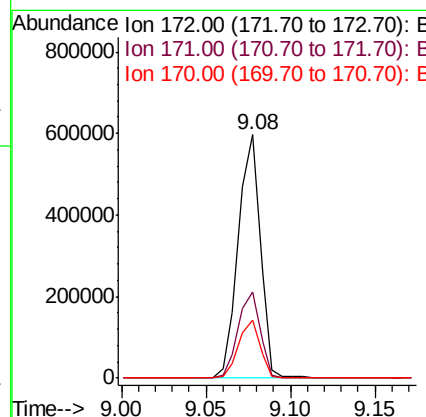
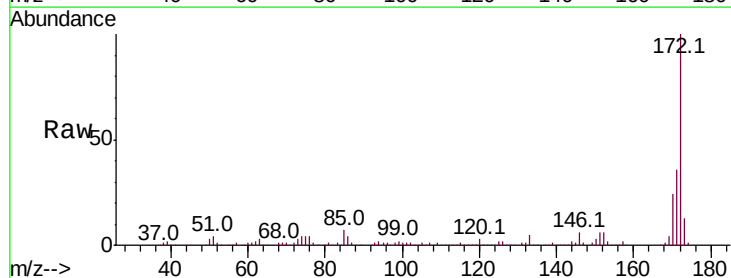
Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-026-A

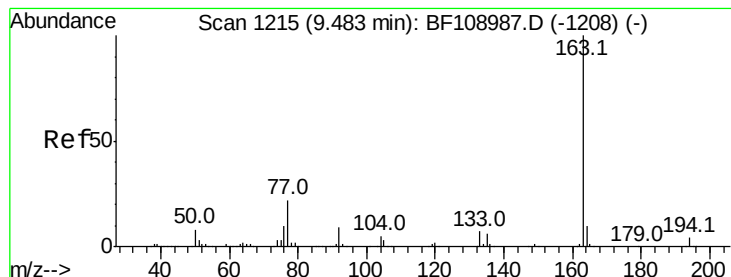
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.6	77.0	115.6
141	36.6	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 53.868 ng
 RT: 9.08 min Scan# 1146
 Delta R.T. -0.01 min
 Lab File: BF109192.D
 Acq: 20 Sep 2018 19:59

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.7	44.5
170	23.6	19.6	29.4





#49

Dimethylphthalate

Concen: 16.749 ng

RT: 9.47 min Scan# 1213

Delta R.T. -0.01 min

Lab File: BF109192.D

Acq: 20 Sep 2018 19:59

Instrument :

BNA_F

ClientSampleId :

FK-GF-02-026-A

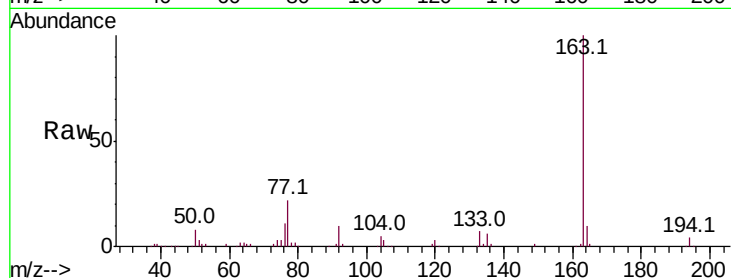
Tot Ion:163 Resp: 189914

Ion Ratio Lower Upper

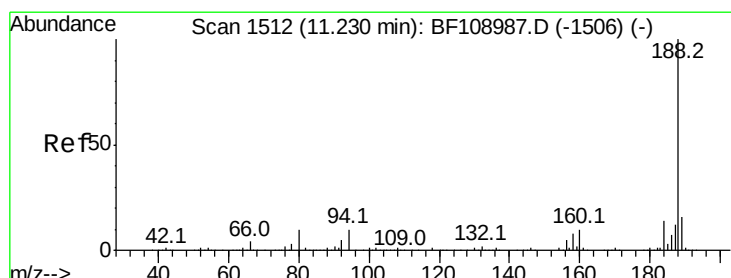
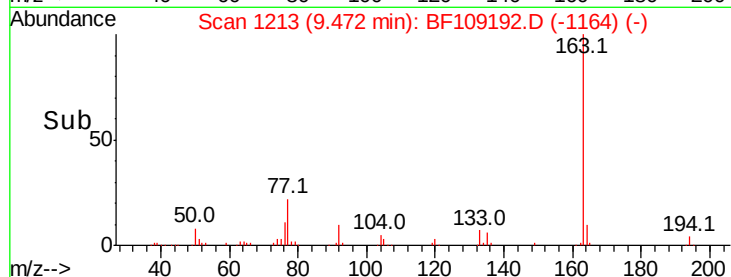
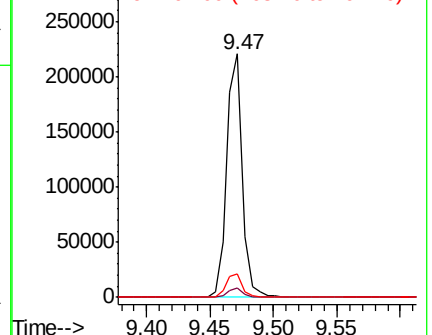
163 100

194 4.1 2.7 4.1#

164 9.6 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: 11.22 min Scan# 1511

Delta R.T. -0.01 min

Lab File: BF109192.D

Acq: 20 Sep 2018 19:59

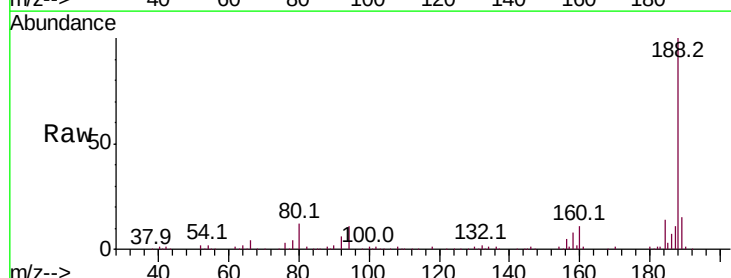
Tgt Ion:188 Resp: 238318

Ion Ratio Lower Upper

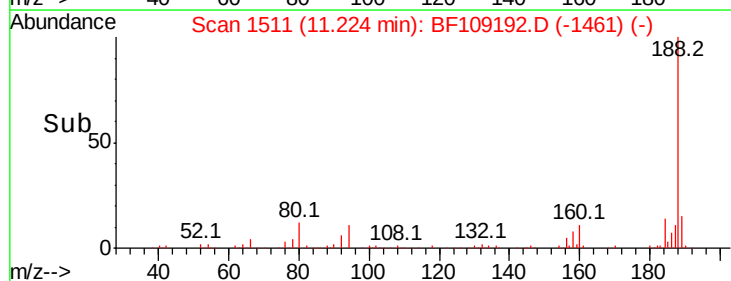
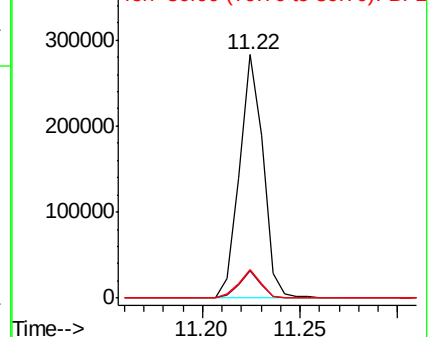
188 100

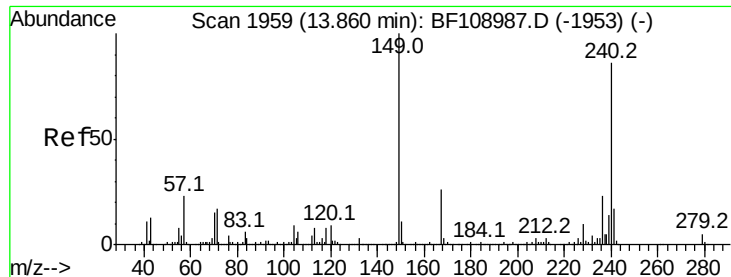
94 11.0 8.5 12.7

80 11.7 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: 13.85 min Scan# 1957

Delta R.T. -0.01 min

Lab File: BF109192.D

Acq: 20 Sep 2018 19:59

Instrument :

BNA_F

ClientSampleId :

FK-GF-02-026-A

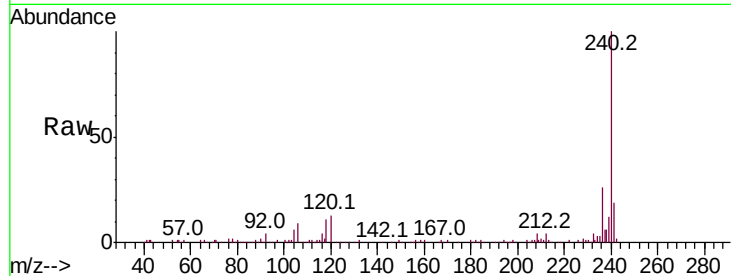
Tot Ion:240 Resp: 156165

Ion Ratio Lower Upper

240 100

120 12.7 9.5 14.3

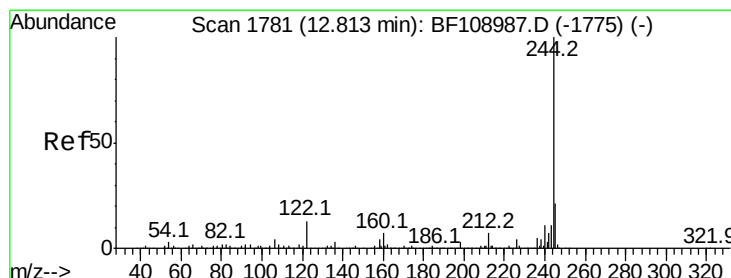
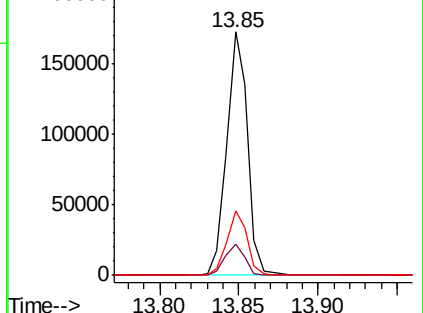
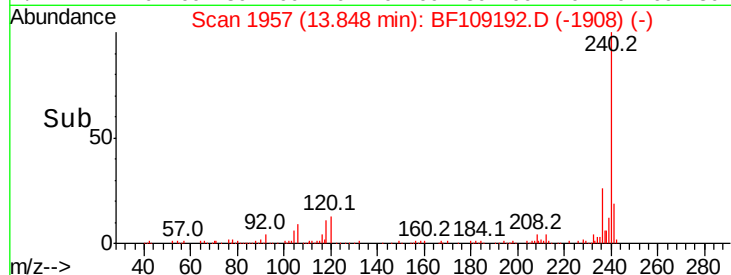
236 26.3 20.7 31.1



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: 87.746 ng

RT: 12.81 min Scan# 1780

Delta R.T. -0.01 min

Lab File: BF109192.D

Acq: 20 Sep 2018 19:59

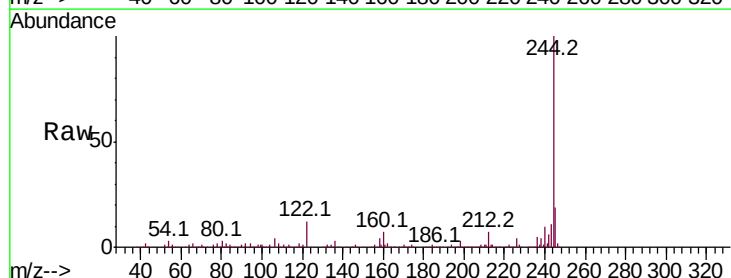
Tgt Ion:244 Resp: 578116

Ion Ratio Lower Upper

244 100

212 7.3 5.4 8.0

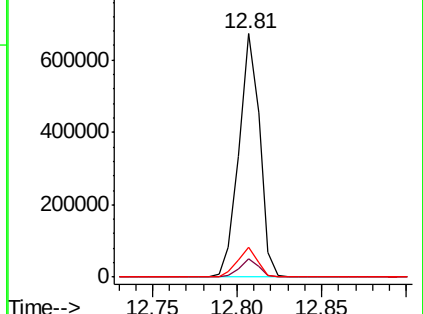
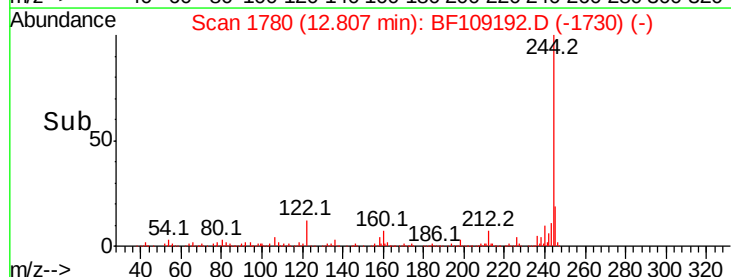
122 12.4 11.0 16.4

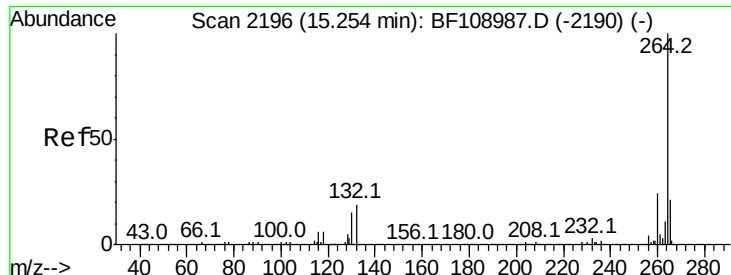


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.25 min Scan# 2196
Delta R.T. -0.00 min
Lab File: BF109192.D
Acq: 20 Sep 2018 19:59

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-026-A

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.2	28.8
265	22.0	17.5	26.3

