

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092218\
 Data File : BF109225.D
 Acq On : 22 Sep 2018 17:01
 Operator : JU/SJ
 Sample : J5004-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

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

Quant Time: Sep 24 07:22:07 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF092218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 22 13:32:18 2018
 Response via : Initial Calibration

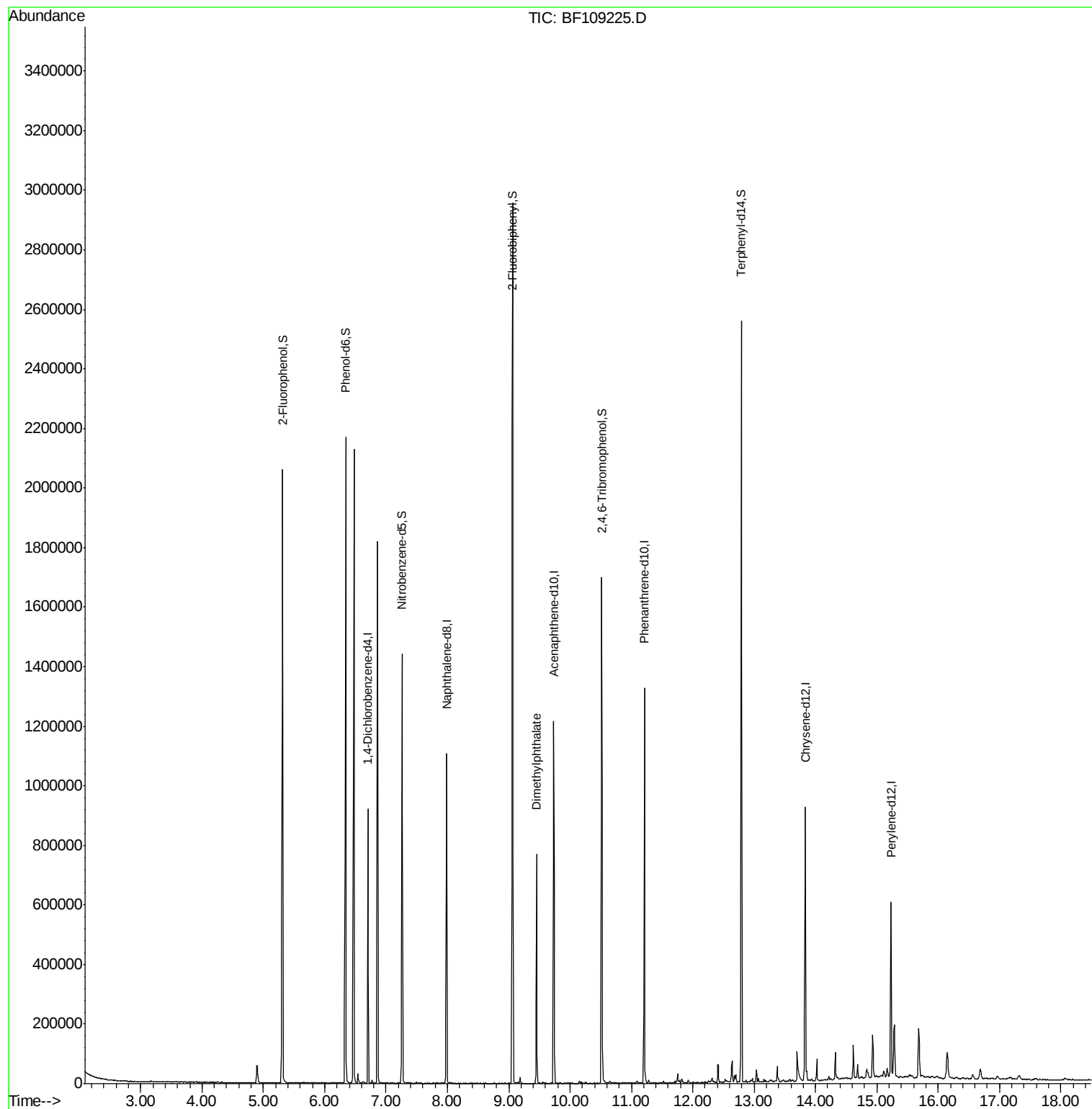
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	117973	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	454879	20.00	ng	0.00
38) Acenaphthene-d10	9.73	164	222908	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	432334	20.00	ng	0.00
75) Chrysene-d12	13.83	240	283960	20.00	ng	-0.01
86) Perylene-d12	15.23	264	257457	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	568094	79.31	ng	0.00
7) Phenol-d6	6.34	99	733652	80.27	ng	-0.02
23) Nitrobenzene-d5	7.26	82	458593	59.51	ng	-0.02
41) 2,4,6-Tribromophenol	10.52	330	180397	82.10	ng	-0.02
44) 2-Fluorobiphenyl	9.06	172	822923	55.68	ng	-0.01
78) Terphenyl-d14	12.79	244	828099	71.57	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	9.45	163	292703	18.054	ng	99

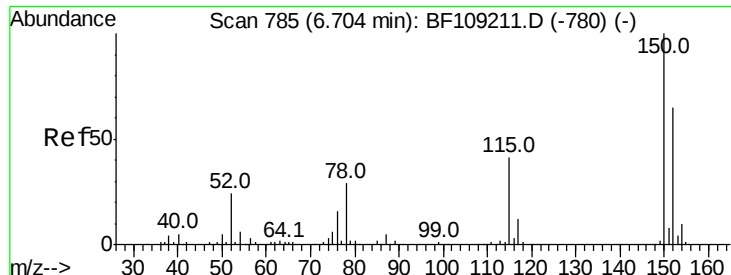
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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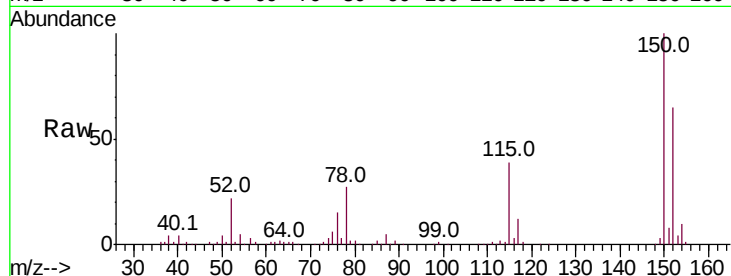


#1

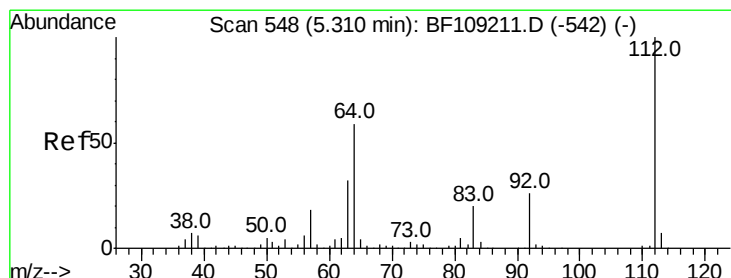
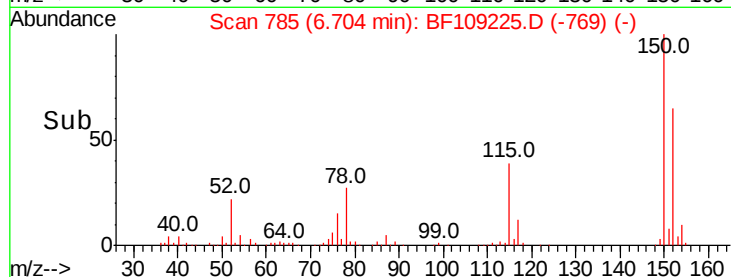
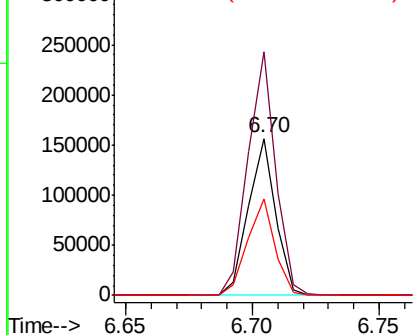
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF109225.D
Acq: 22 Sep 2018 17:01

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

Tot Ion:152 Resp: 117973
Ion Ratio Lower Upper
152 100
150 154.9 124.6 186.8
115 61.0 50.1 75.1



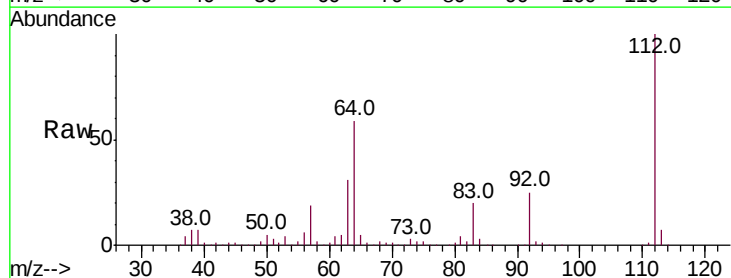
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



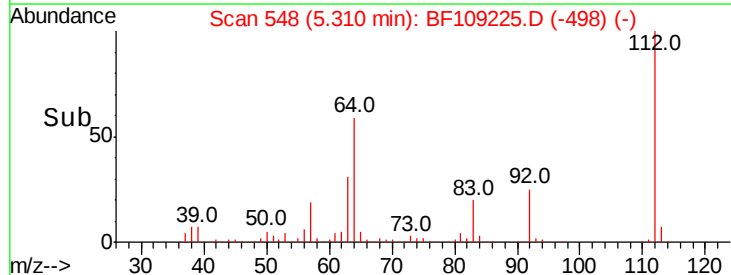
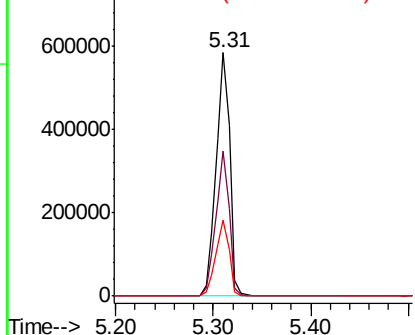
#5

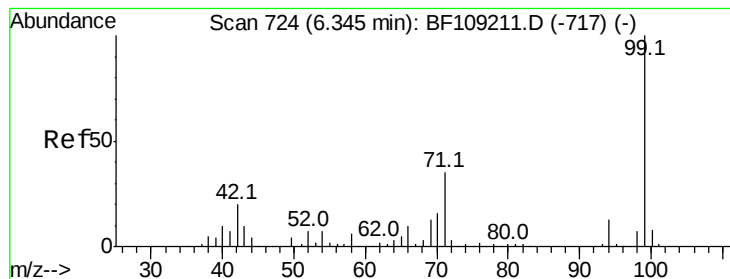
2-Fluorophenol
Concen: 79.314 ng
RT: 5.31 min Scan# 548
Delta R.T. -0.01 min
Lab File: BF109225.D
Acq: 22 Sep 2018 17:01

Tgt Ion:112 Resp: 568094
Ion Ratio Lower Upper
112 100
64 59.4 47.9 71.9
63 31.4 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: 80.271 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF109225.D

Acq: 22 Sep 2018 17:01

Instrument :

BNA_F

ClientSampleId :

FK-GF-02-026-A

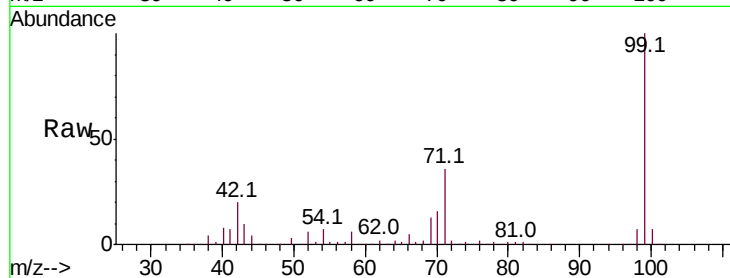
Tot Ion: 99 Resp: 733652

Ion Ratio Lower Upper

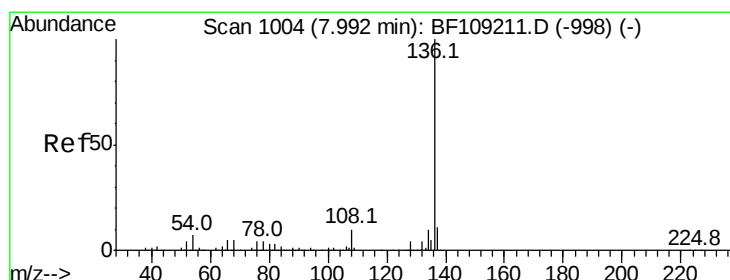
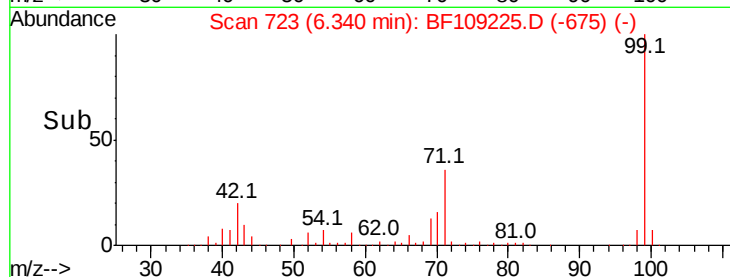
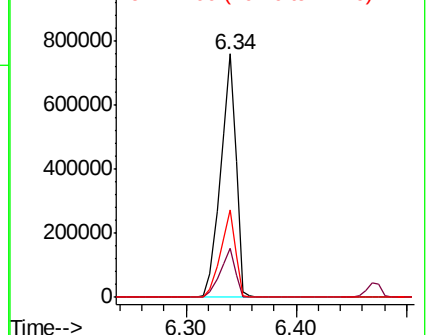
99 100

42 20.3 14.5 21.7

71 36.2 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: 7.99 min Scan# 1003

Delta R.T. -0.01 min

Lab File: BF109225.D

Acq: 22 Sep 2018 17:01

Tgt Ion: 136 Resp: 454879

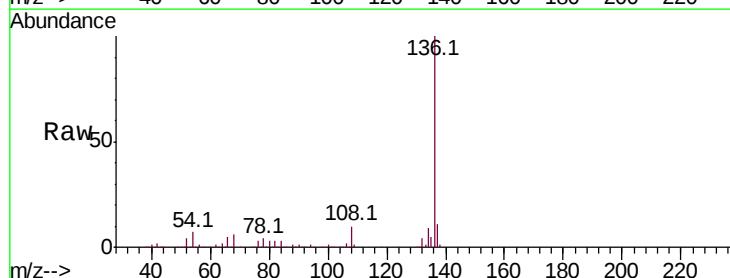
Ion Ratio Lower Upper

136 100

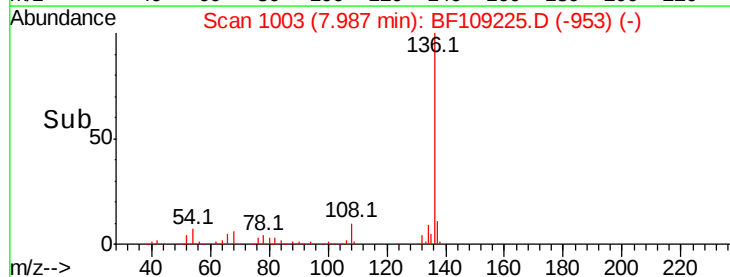
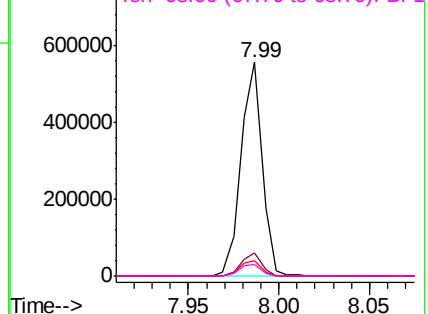
137 10.8 8.9 13.3

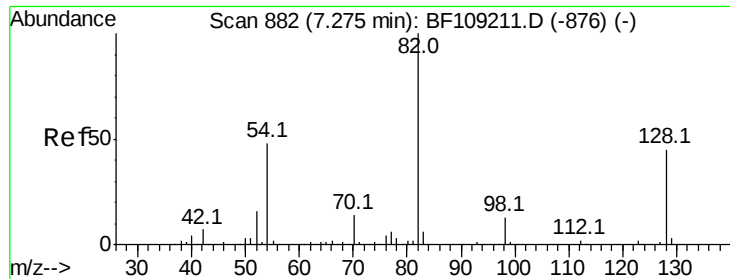
54 7.0 6.6 9.8

68 5.5 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

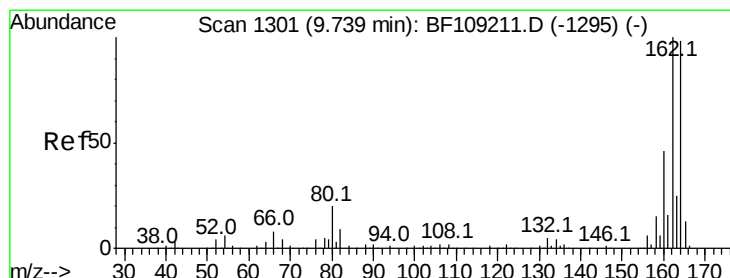
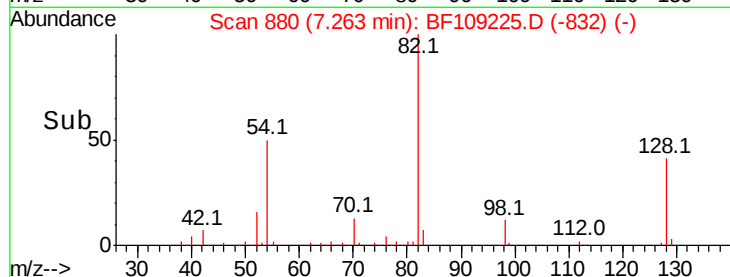
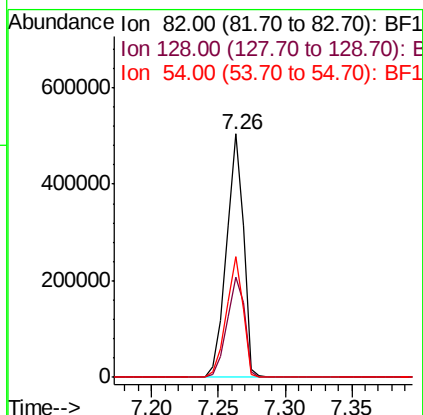
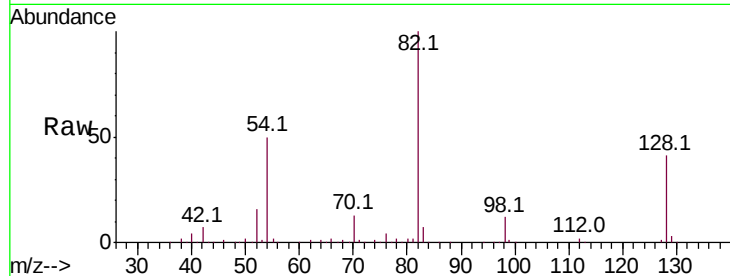




#23
Nitrobenzene-d5
Concen: 59.513 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.02 min
Lab File: BF109225.D
Acq: 22 Sep 2018 17:01

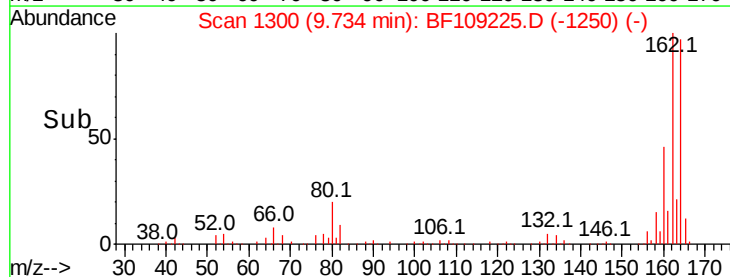
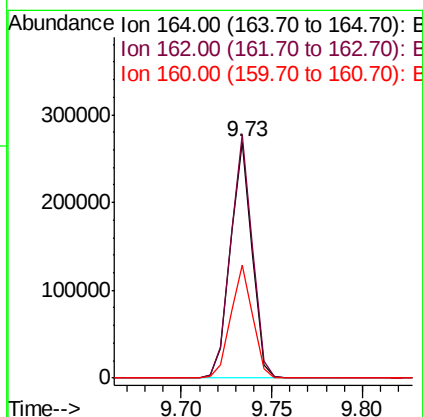
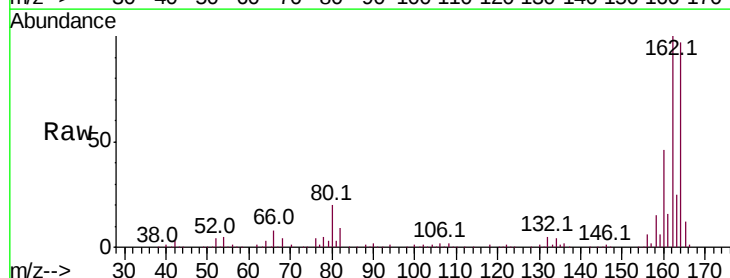
Instrument :
BNA_F
ClientSampleId :
FK-GF-02-026-A

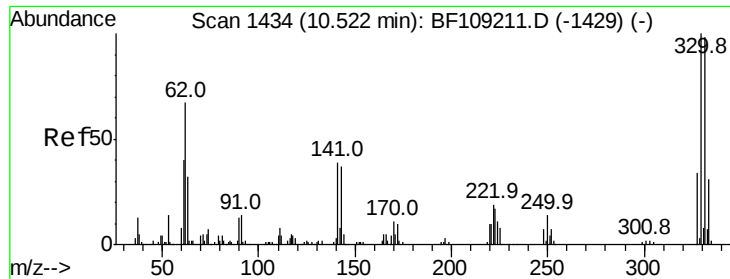
Tot Ion	82	Resp	458593
Ion Ratio	Lower	Upper	
82	100		
128	41.4	36.1	54.1
54	49.7	41.4	62.2



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.01 min
Lab File: BF109225.D
Acq: 22 Sep 2018 17:01

Tgt Ion	164	Resp	222908
Ion Ratio	Lower	Upper	
164	100		
162	103.1	86.1	129.1
160	47.7	38.3	57.5

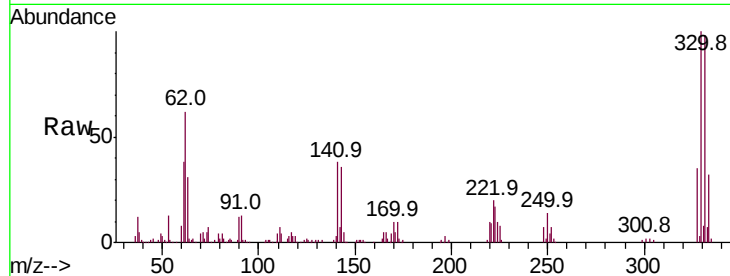




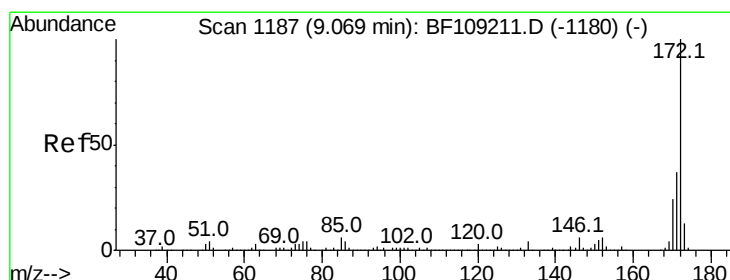
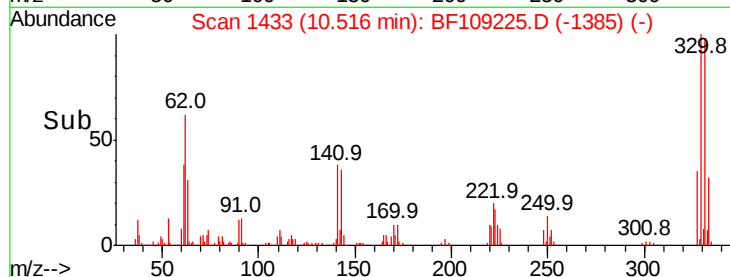
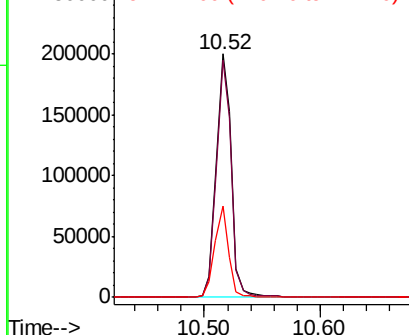
#41
 2,4,6-Tribromophenol
 Concen: 82.095 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. -0.02 min
 Lab File: BF109225.D
 Acq: 22 Sep 2018 17:01

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

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.0	115.6
141	34.7	29.9	44.9

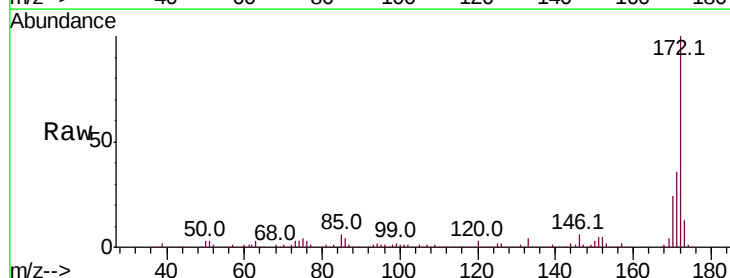


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

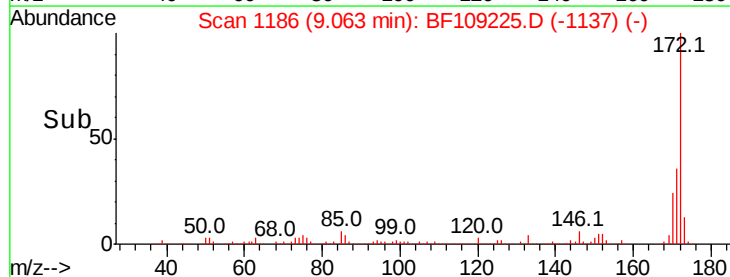
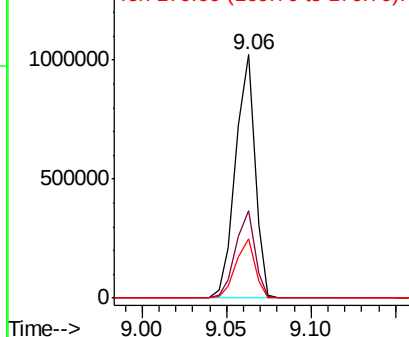


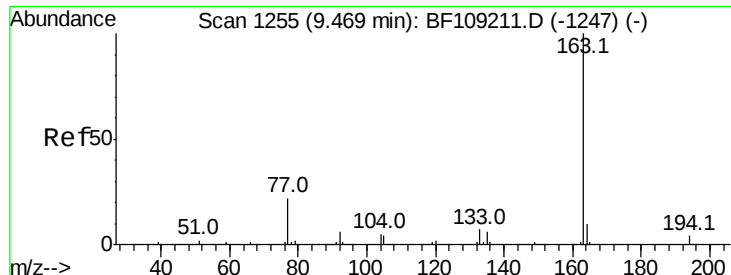
#44
 2-Fluorobiphenyl
 Concen: 55.679 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF109225.D
 Acq: 22 Sep 2018 17:01

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.7	44.5
170	24.4	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

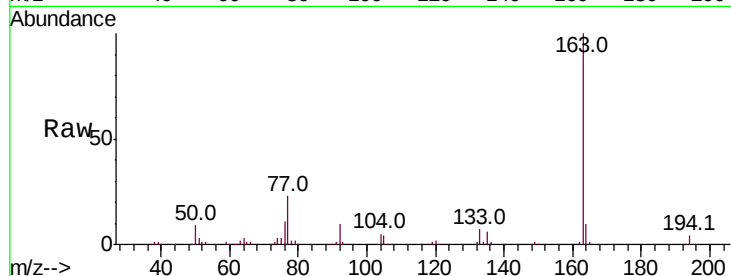




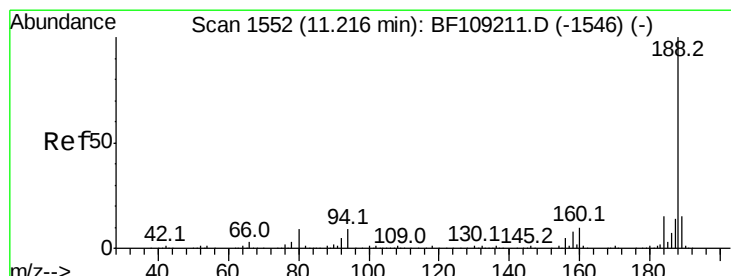
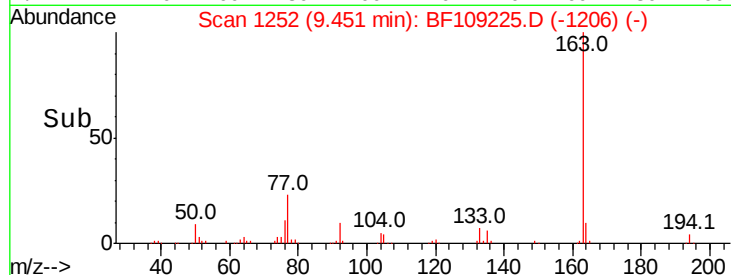
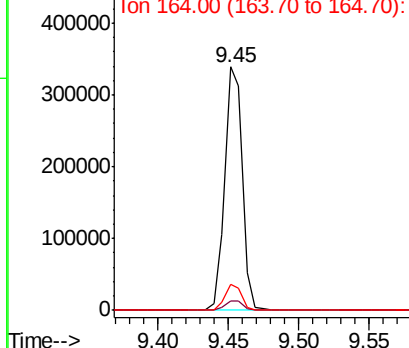
#49
Dimethylphthalate
Concen: 18.054 ng
RT: 9.45 min Scan# 1252
Delta R.T. -0.03 min
Lab File: BF109225.D
Acq: 22 Sep 2018 17:01

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

Tot Ion:163 Resp: 292703
Ion Ratio Lower Upper
163 100
194 3.7 2.7 4.1
164 10.4 8.2 12.2

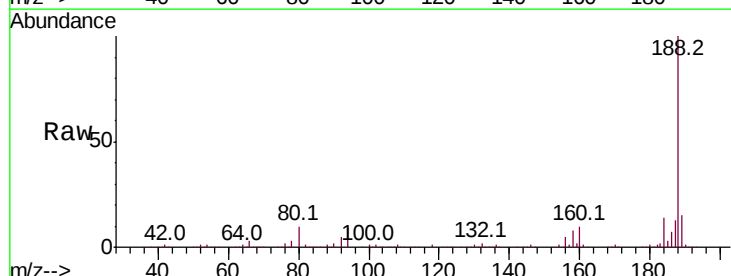


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

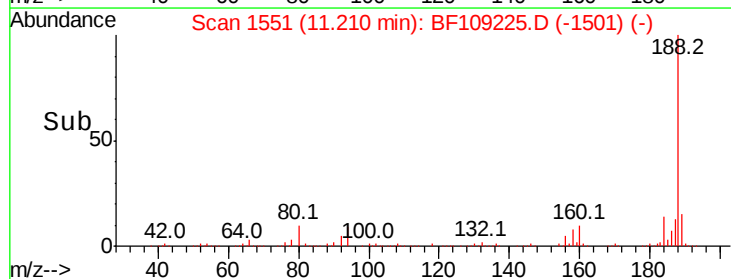
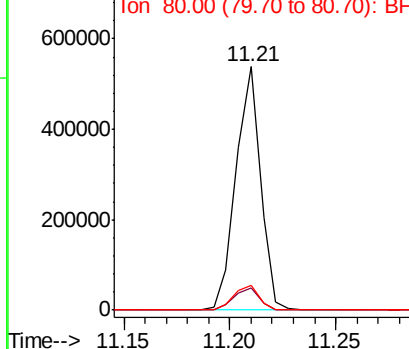


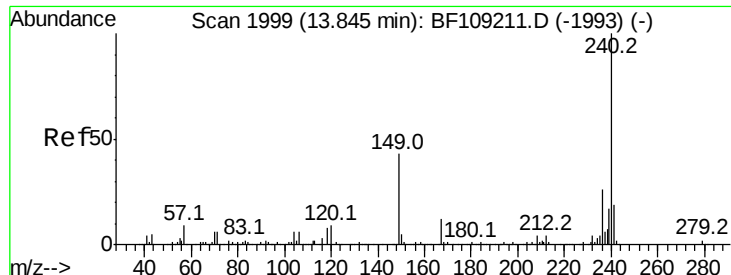
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.21 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BF109225.D
Acq: 22 Sep 2018 17:01

Tgt Ion:188 Resp: 432334
Ion Ratio Lower Upper
188 100
94 9.2 8.5 12.7
80 10.1 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: 13.83 min Scan# 1997

Delta R.T. -0.01 min

Lab File: BF109225.D

Acq: 22 Sep 2018 17:01

Instrument :

BNA_F

ClientSampleId :

FK-GF-02-026-A

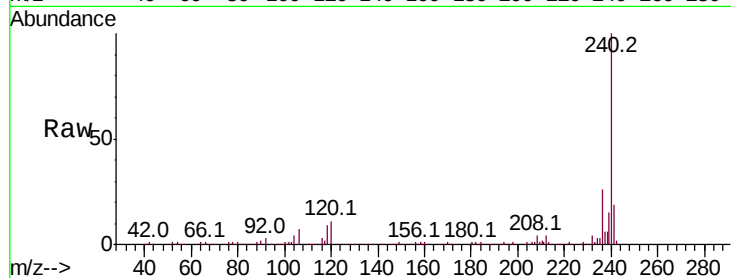
Tot Ion:240 Resp: 283960

Ion Ratio Lower Upper

240 100

120 10.9 9.5 14.3

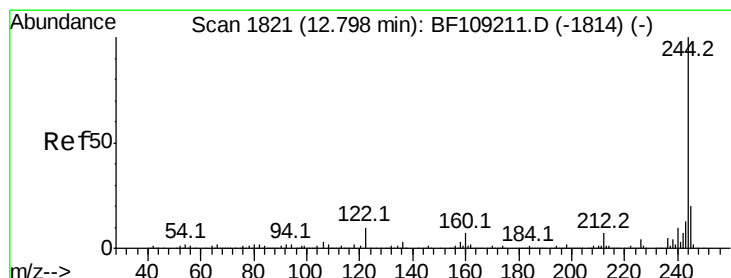
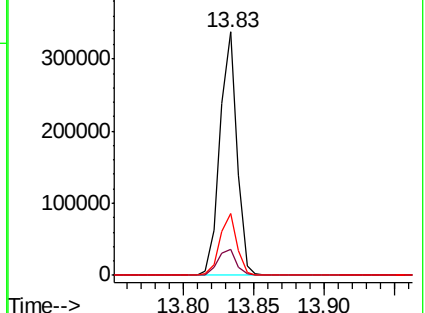
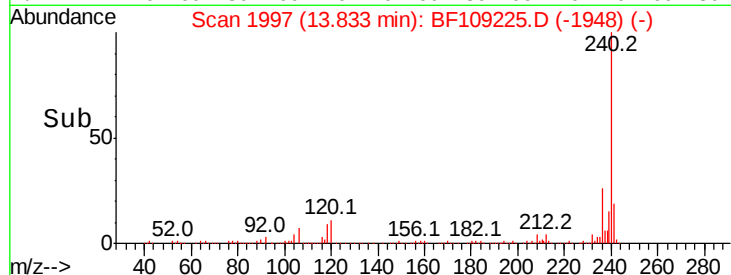
236 25.5 20.7 31.1



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: 71.570 ng

RT: 12.79 min Scan# 1820

Delta R.T. -0.01 min

Lab File: BF109225.D

Acq: 22 Sep 2018 17:01

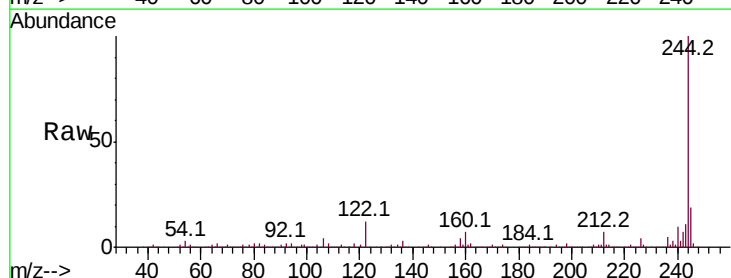
Tgt Ion:244 Resp: 828099

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

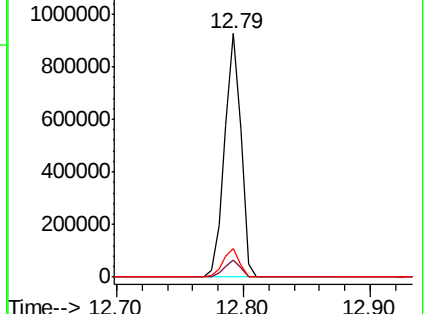
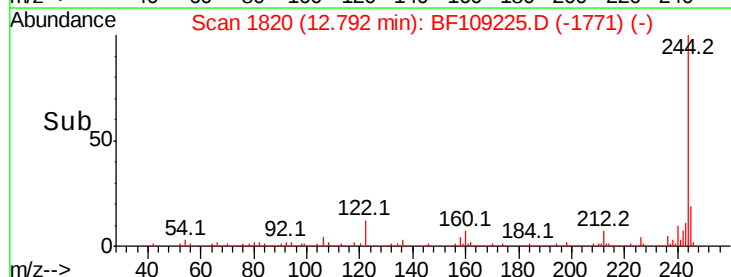
122 11.6 11.0 16.4

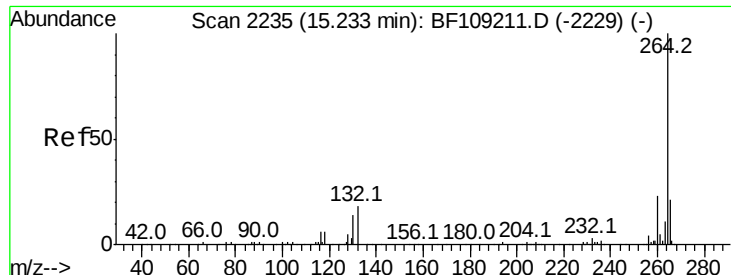


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.23 min Scan# 2235
 Delta R.T. -0.01 min
 Lab File: BF109225.D
 Acq: 22 Sep 2018 17:01

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

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	21.1	17.5	26.3

