

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041819\
 Data File : BF113827.D
 Acq On : 18 Apr 2019 20:02
 Operator : JU/SJ
 Sample : K2436-03
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-038-B

Quant Time: Apr 19 02:35:36 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF041819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 18 13:55:51 2019
 Response via : Initial Calibration

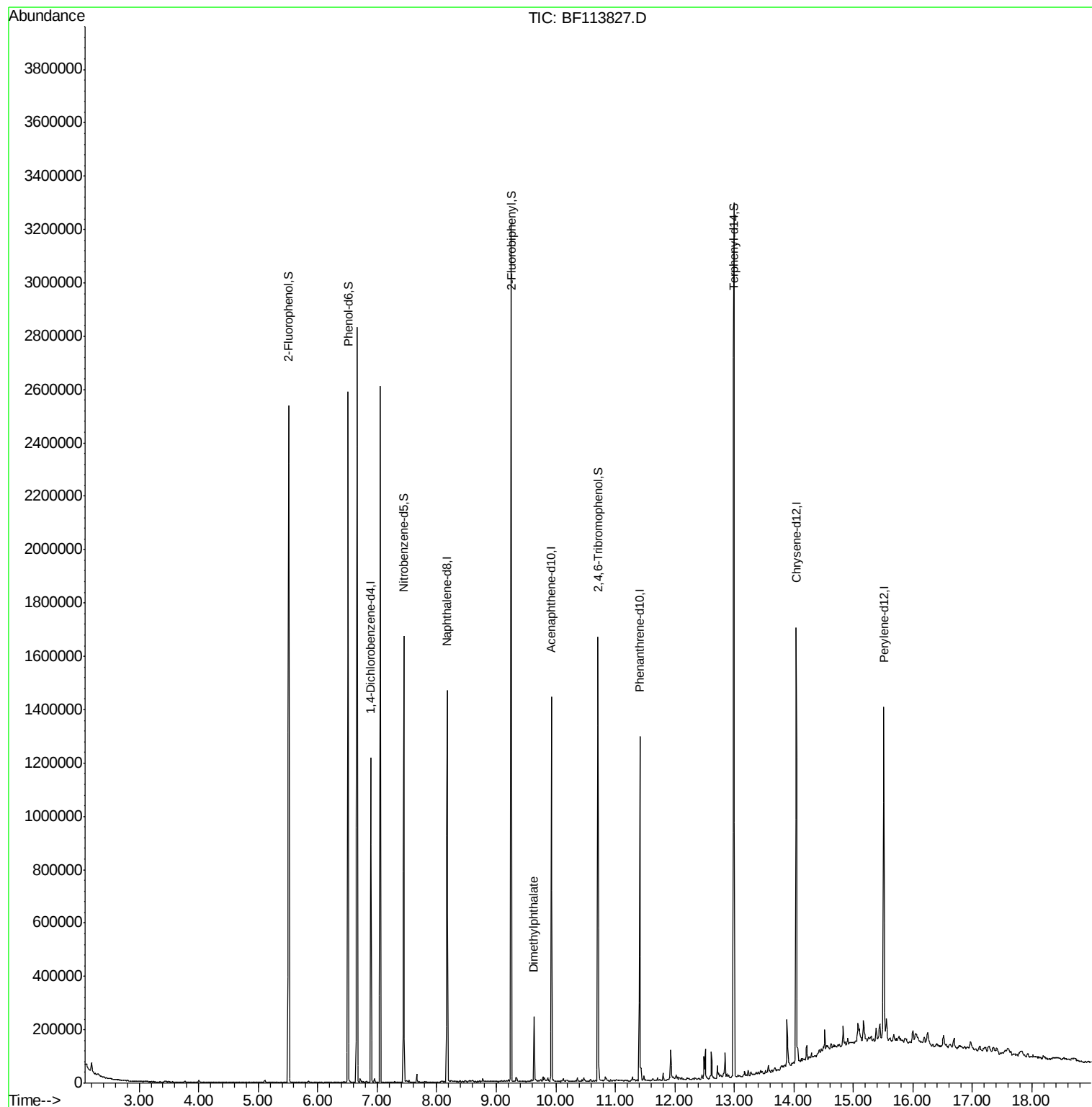
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	169740	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	587221	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	259937	20.00	ng	0.00
64) Phenanthrene-d10	11.41	188	461032	20.00	ng	0.00
76) Chrysene-d12	14.04	240	511463	20.00	ng	0.00
87) Perylene-d12	15.51	264	591284	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	752879	73.75	ng	0.00
7) Phenol-d6	6.51	99	930538	73.10	ng	0.00
23) Nitrobenzene-d5	7.45	82	528622	54.82	ng	-0.01
42) 2,4,6-Tribromophenol	10.71	330	208801	72.71	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	1005356	58.98	ng	0.00
79) Terphenyl-d14	12.99	244	1100095	45.10	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.64	163	100574	5.529	ng	Qvalue 98

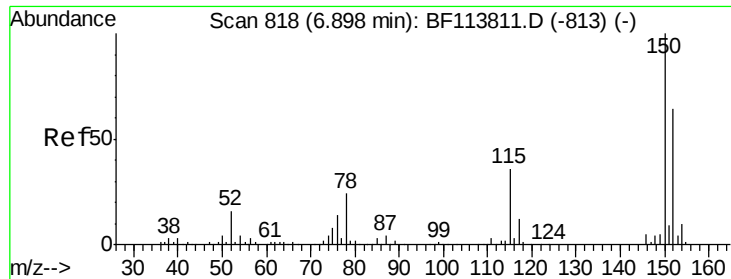
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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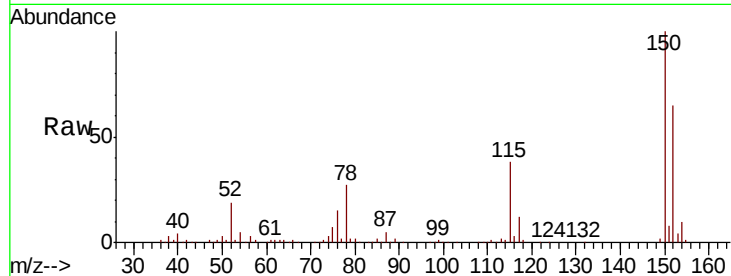


#1

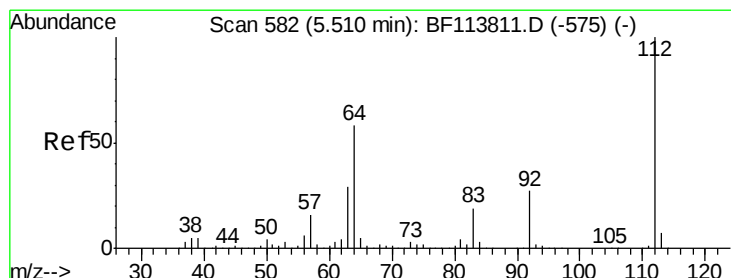
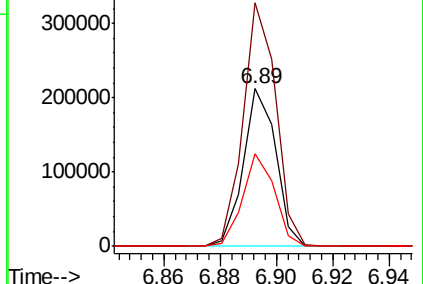
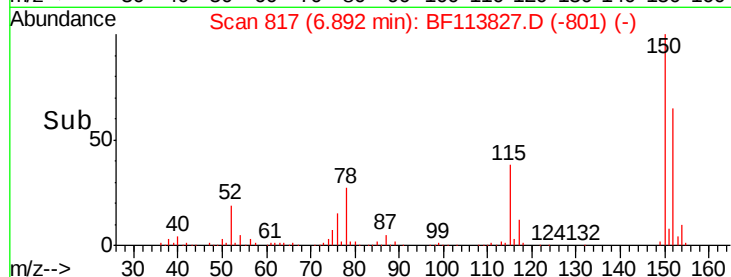
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.89 min Scan# 817
 Delta R.T. -0.01 min
 Lab File: BF113827.D
 Acq: 18 Apr 2019 20:02

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-038-B

Tot Ion:152 Resp: 169740
 Ion Ratio Lower Upper
 152 100
 150 154.9 125.9 188.9
 115 58.9 45.9 68.9



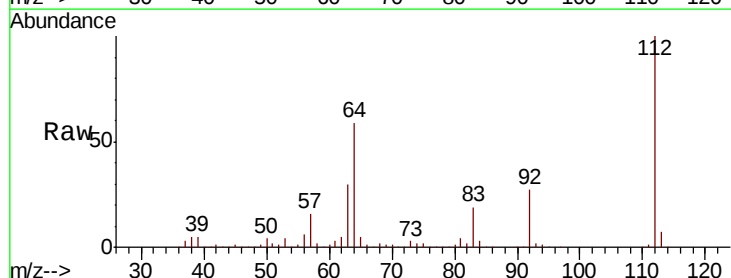
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



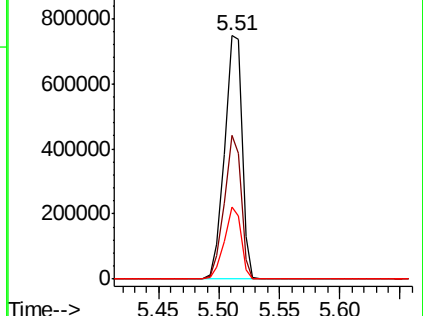
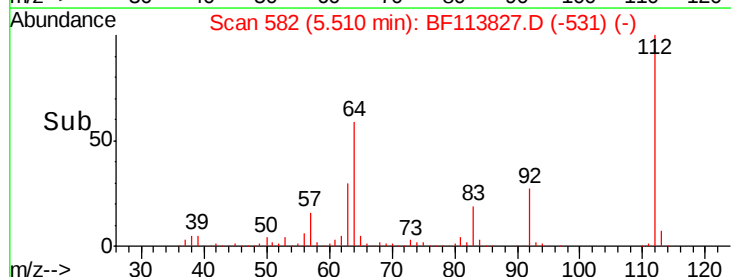
#5

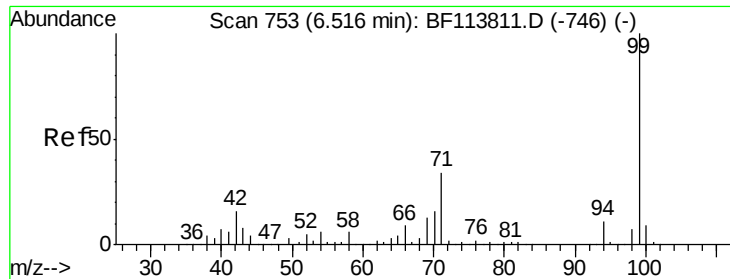
2-Fluorophenol
 Concen: 73.752 ng
 RT: 5.51 min Scan# 582
 Delta R.T. -0.00 min
 Lab File: BF113827.D
 Acq: 18 Apr 2019 20:02

Tgt Ion:112 Resp: 752879
 Ion Ratio Lower Upper
 112 100
 64 59.3 46.6 69.8
 63 29.5 23.1 34.7



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: 73.096 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF113827.D

Acq: 18 Apr 2019 20:02

Instrument :

BNA_F

ClientSampleId :

FK-GF-02-038-B

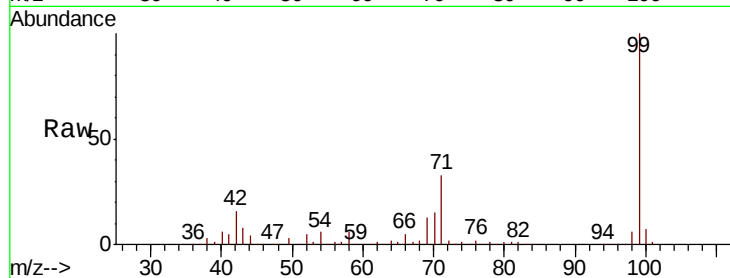
Tot Ion: 99 Resp: 930538

Ion Ratio Lower Upper

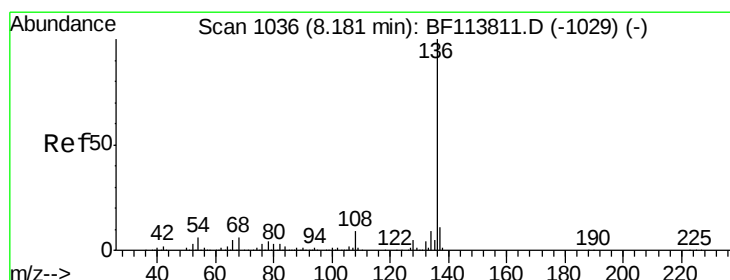
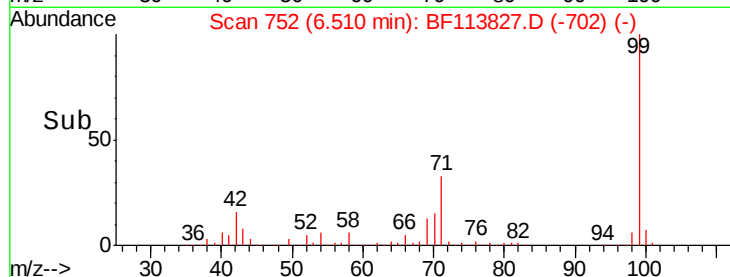
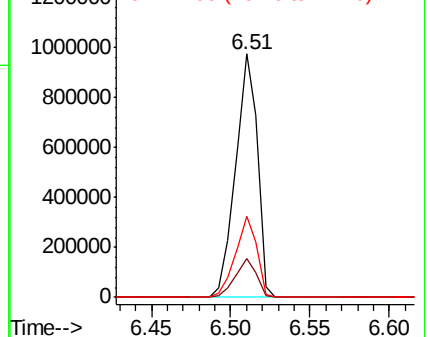
99 100

42 15.8 12.5 18.7

71 33.3 26.9 40.3



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: 8.17 min Scan# 1035

Delta R.T. -0.01 min

Lab File: BF113827.D

Acq: 18 Apr 2019 20:02

Tgt Ion: 136 Resp: 587221

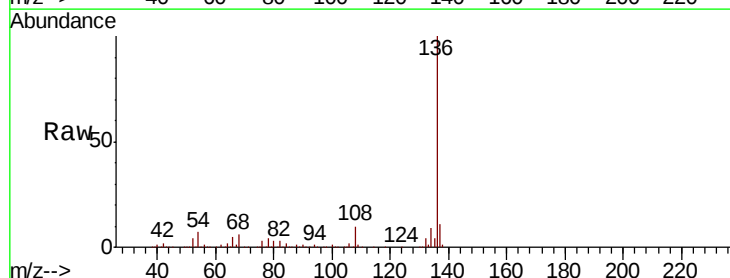
Ion Ratio Lower Upper

136 100

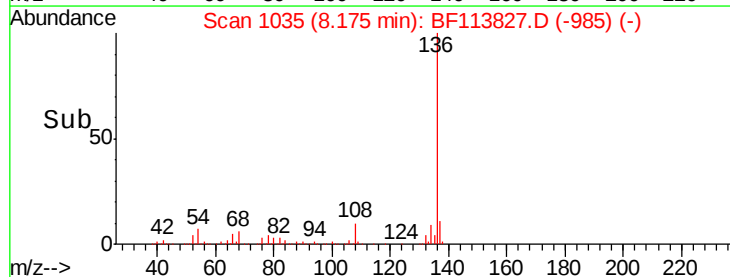
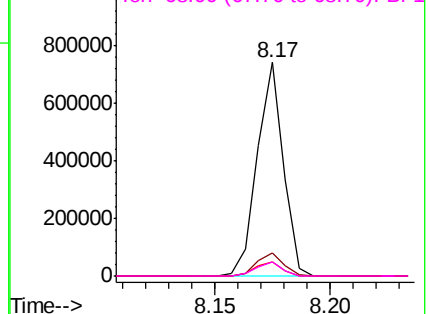
137 11.0 8.6 12.8

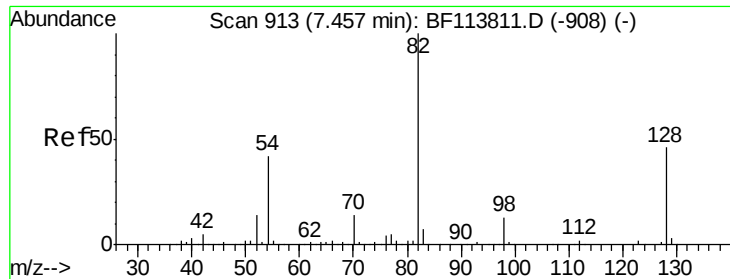
54 6.7 5.0 7.6

68 6.5 4.9 7.3



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

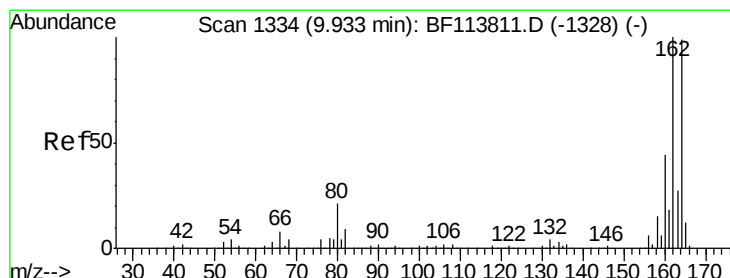
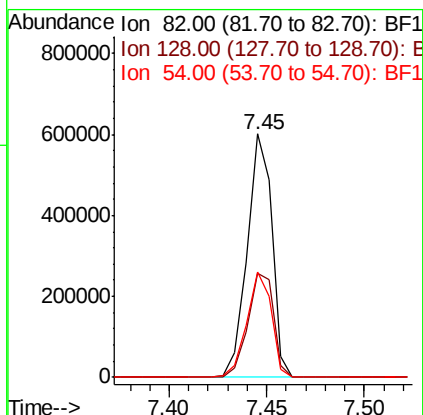
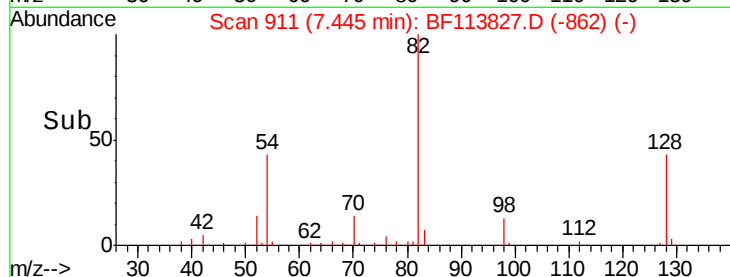
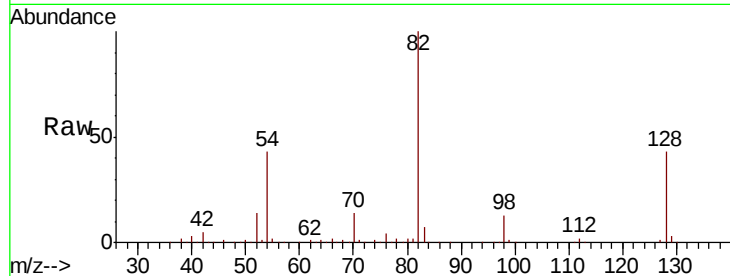




#23
 Nitrobenzene-d5
 Concen: 54.820 ng
 RT: 7.45 min Scan# 911
 Delta R.T. -0.01 min
 Lab File: BF113827.D
 Acq: 18 Apr 2019 20:02

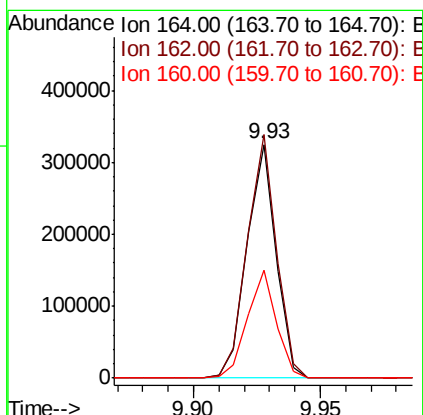
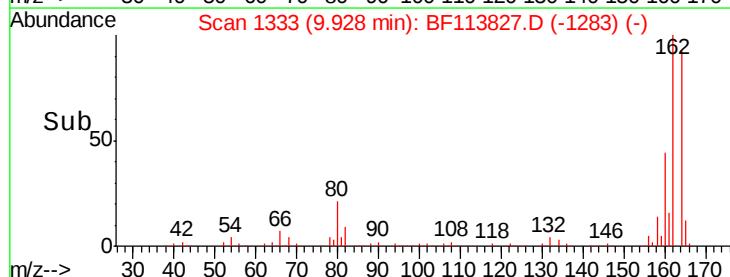
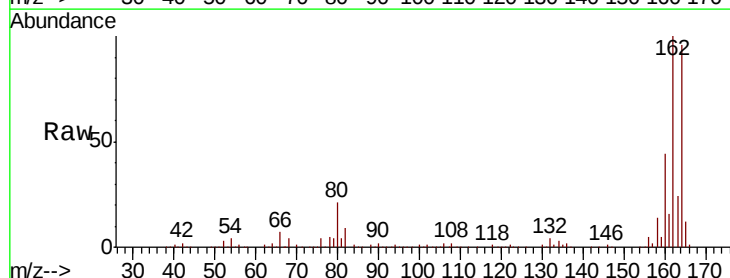
Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-038-B

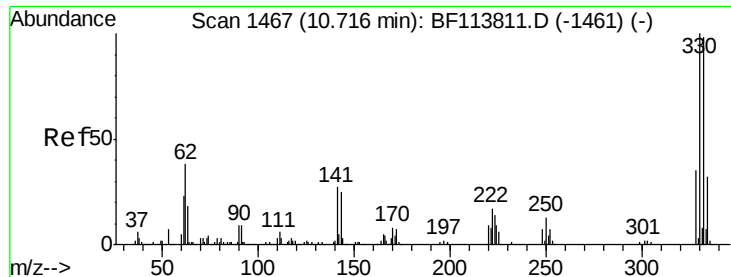
Tot Ion	82	Resp	528622
Ion Ratio	100	Lower	Upper
128	43.0	36.8	55.2
54	43.4	33.8	50.6



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.93 min Scan# 1333
 Delta R.T. -0.01 min
 Lab File: BF113827.D
 Acq: 18 Apr 2019 20:02

Tgt Ion	164	Resp	259937
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
162	104.1	81.1	121.7
160	46.1	35.8	53.6





#42

2,4,6-Tribromophenol

Concen: 72.707 ng

RT: 10.71 min Scan# 1466

Delta R.T. -0.01 min

Lab File: BF113827.D

Acq: 18 Apr 2019 20:02

Instrument :

BNA_F

ClientSampleId :

FK-GF-02-038-B

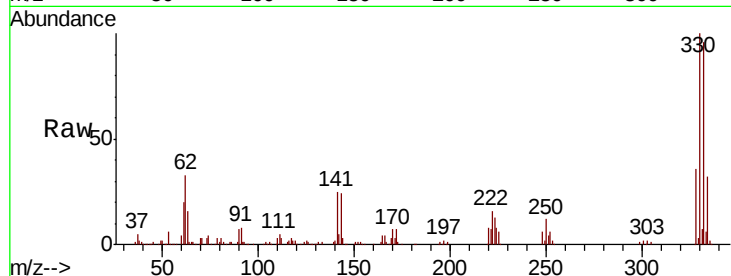
Tot Ion:330 Resp: 208801

Ion Ratio Lower Upper

330 100

332 95.0 77.5 116.3

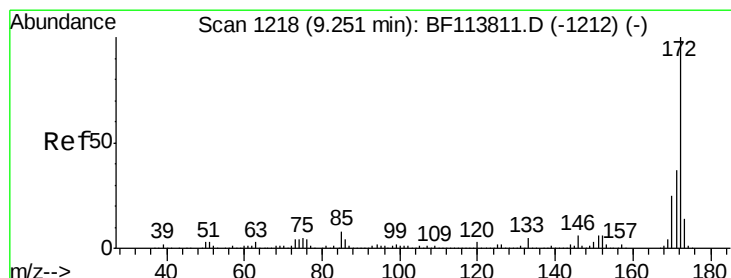
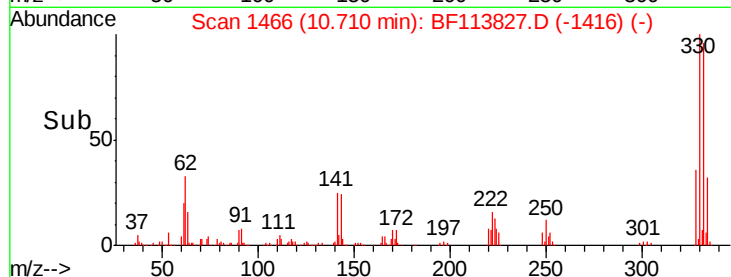
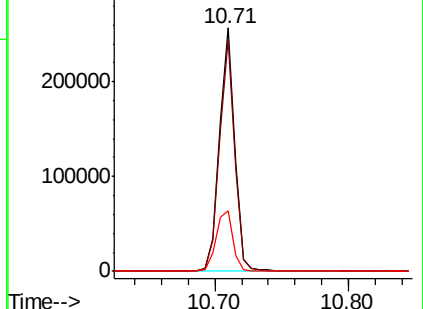
141 27.7 22.2 33.2



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



#45

2-Fluorobiphenyl

Concen: 58.984 ng

RT: 9.25 min Scan# 1218

Delta R.T. -0.00 min

Lab File: BF113827.D

Acq: 18 Apr 2019 20:02

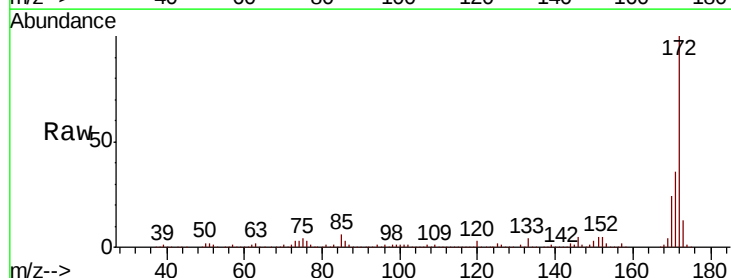
Tgt Ion:172 Resp: 1005356

Ion Ratio Lower Upper

172 100

171 36.0 29.4 44.0

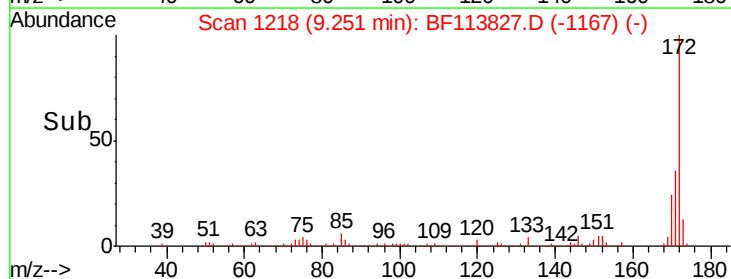
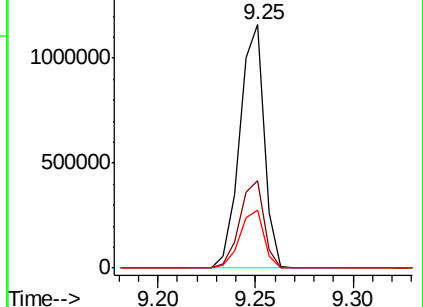
170 23.7 19.9 29.9

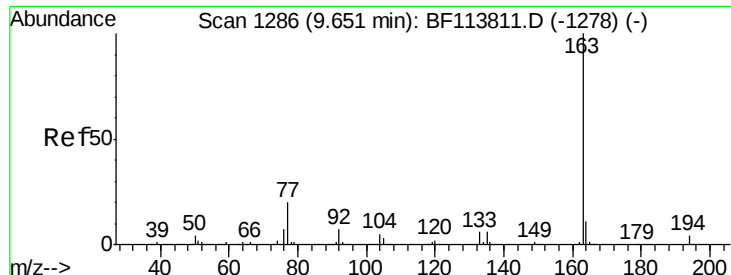


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

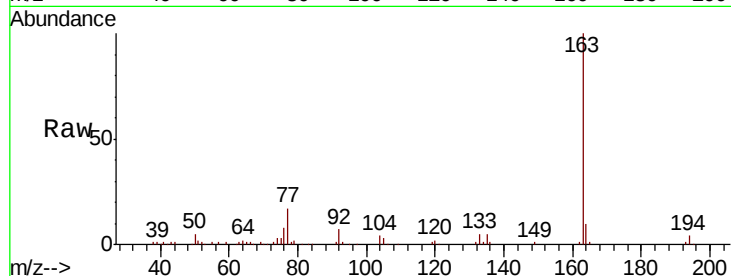




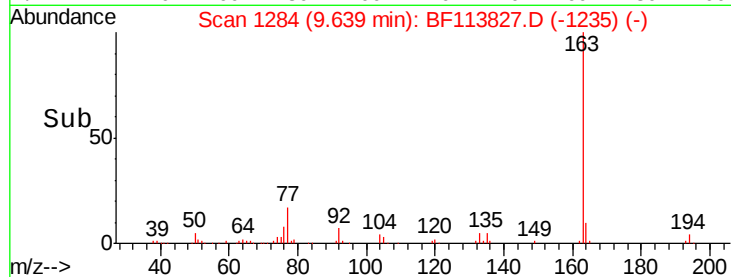
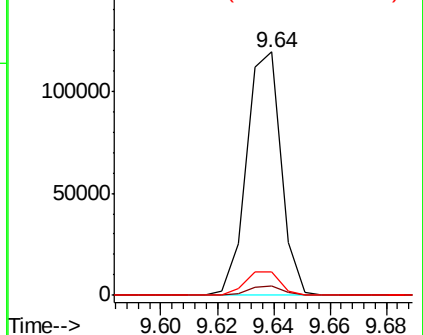
#50
Dimethylphthalate
Concen: 5.529 ng
RT: 9.64 min Scan# 1284
Delta R.T. -0.01 min
Lab File: BF113827.D
Acq: 18 Apr 2019 20:02

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-038-B

Tot Ion:163 Resp: 100574
Ion Ratio Lower Upper
163 100
194 4.0 3.4 5.2
164 9.8 8.5 12.7

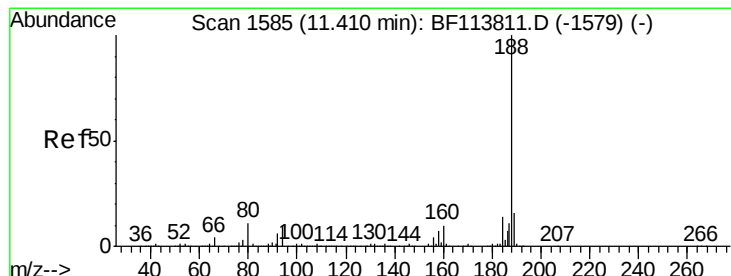


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

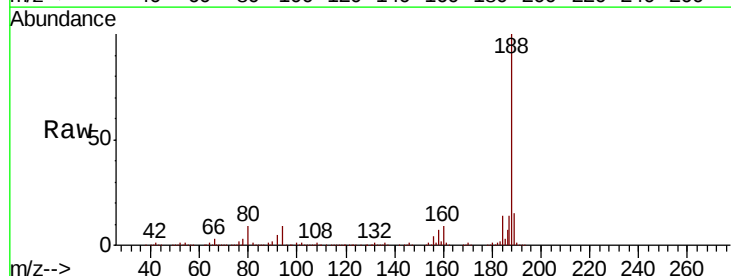
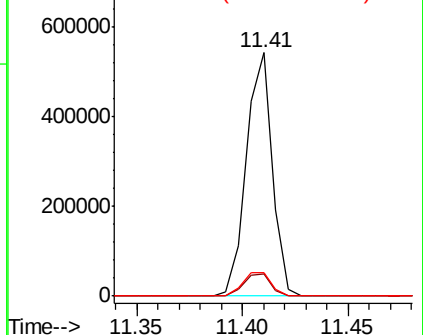


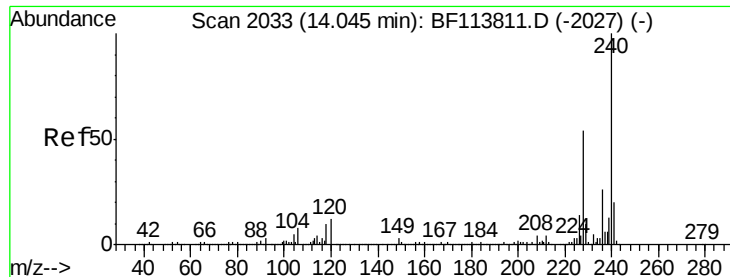
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.00 min
Lab File: BF113827.D
Acq: 18 Apr 2019 20:02

Tgt Ion:188 Resp: 461032
Ion Ratio Lower Upper
188 100
94 9.0 8.2 12.4
80 9.5 9.0 13.6



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





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.04 min Scan# 2032

Delta R.T. -0.01 min

Lab File: BF113827.D

Acq: 18 Apr 2019 20:02

Instrument :

BNA_F

ClientSampleId :

FK-GF-02-038-B

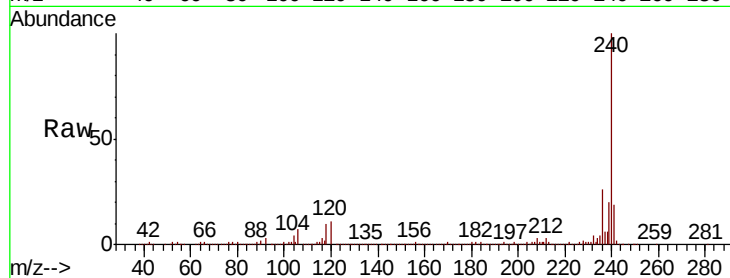
Tot Ion:240 Resp: 511463

Ion Ratio Lower Upper

240 100

120 10.7 9.3 13.9

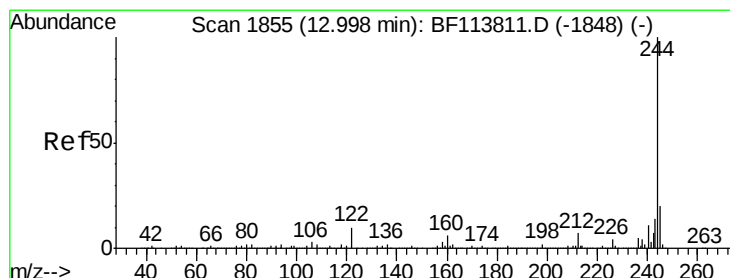
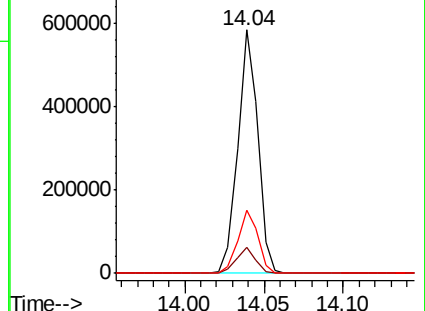
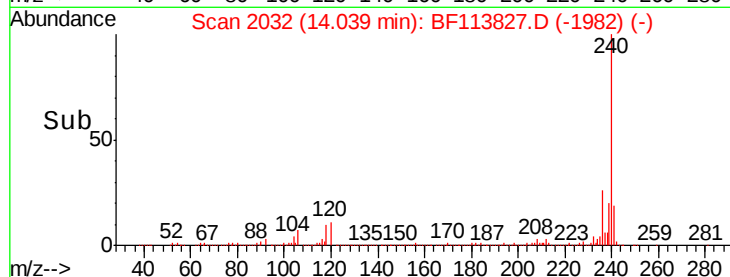
236 25.8 21.2 31.8



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



#79

Terphenyl-d14

Concen: 45.103 ng

RT: 12.99 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BF113827.D

Acq: 18 Apr 2019 20:02

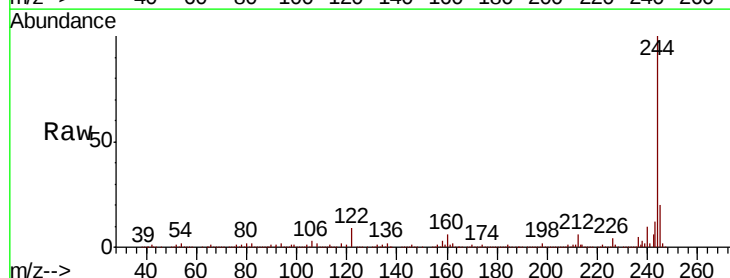
Tgt Ion:244 Resp: 1100095

Ion Ratio Lower Upper

244 100

212 6.4 5.4 8.2

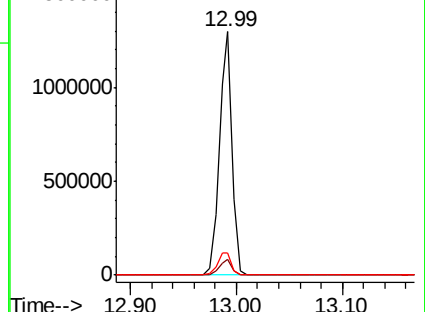
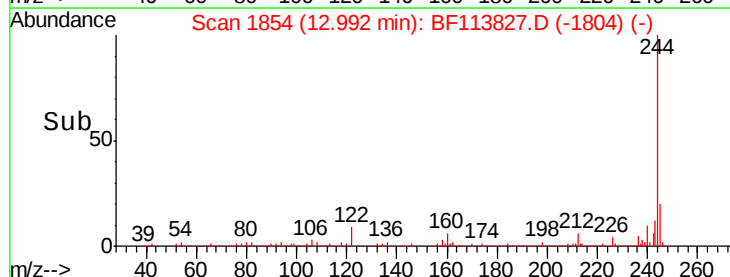
122 9.3 7.6 11.4

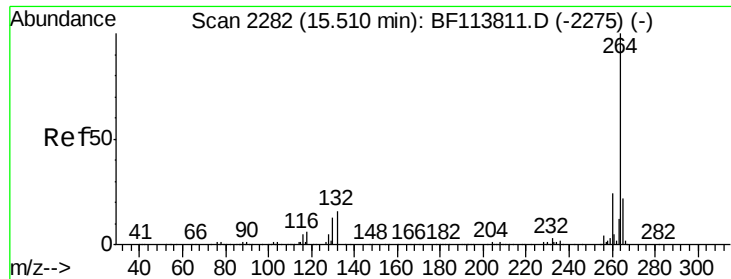


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.51 min Scan# 2282
Delta R.T. -0.00 min
Lab File: BF113827.D
Acq: 18 Apr 2019 20:02

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-038-B

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.9	28.3
265	22.0	17.3	25.9

