

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041819\
 Data File : BF113840.D
 Acq On : 19 Apr 2019 2:17
 Operator : JU/SJ
 Sample : K2198-03 5X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OK-02-041619

Quant Time: Apr 19 05:01:07 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

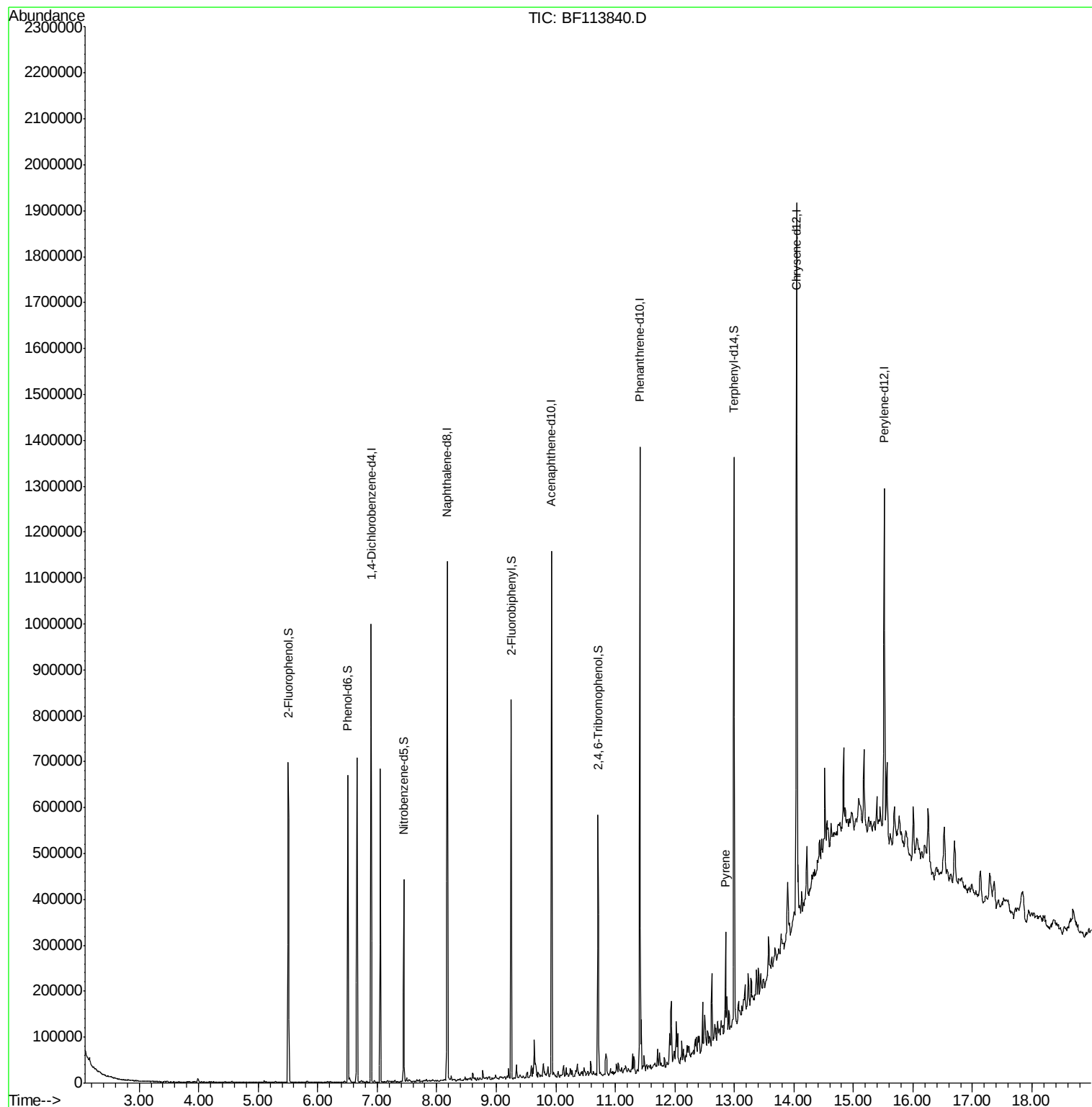
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	139434	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	478290	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	233882	20.00	ng	0.00
64) Phenanthrene-d10	11.41	188	508946	20.00	ng	0.00
76) Chrysene-d12	14.04	240	491623	20.00	ng	0.00
87) Perylene-d12	15.52	264	372384	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	191513	22.84	ng	0.00
7) Phenol-d6	6.51	99	233235	22.30	ng	0.00
23) Nitrobenzene-d5	7.45	82	118179	15.05	ng	-0.01
42) 2,4,6-Tribromophenol	10.71	330	65295	25.27	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	253650	16.54	ng	0.00
79) Terphenyl-d14	12.99	244	383464	16.36	ng	0.00
Target Compounds						
78) Pyrene	12.85	202	83301	2.404	ng	Qvalue 98

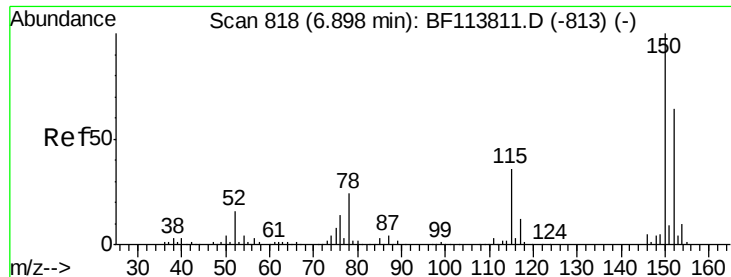
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041819\
Data File : BF113840.D
Acq On : 19 Apr 2019 2:17
Operator : JU/SJ
Sample : K2198-03 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OK-02-041619

Quant Time: Apr 19 05:01:07 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



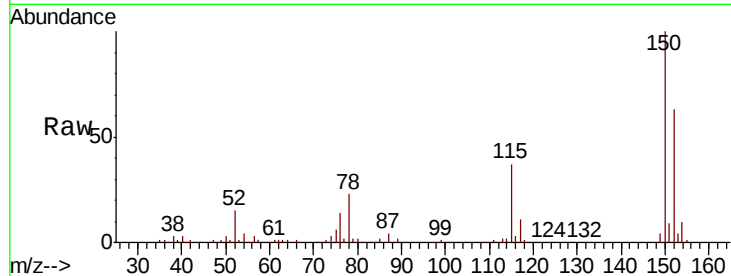


#1

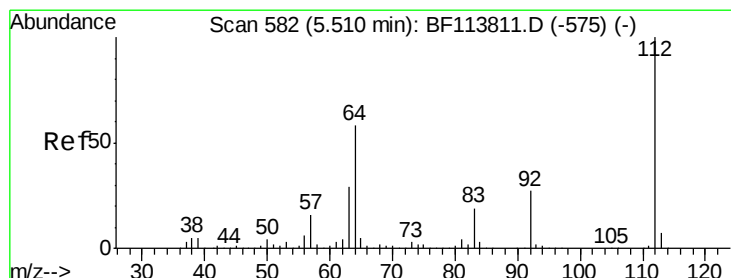
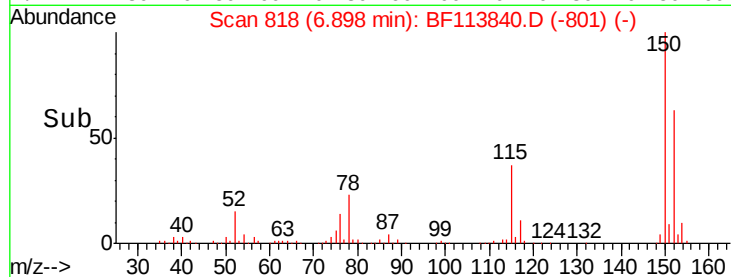
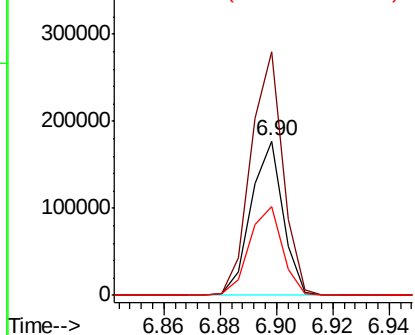
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 818
Delta R.T. -0.00 min
Lab File: BF113840.D
Acq: 19 Apr 2019 2:17

Instrument :
BNA_F
ClientSampleId :
OK-02-041619

Tot Ion:152 Resp: 139434
Ion Ratio Lower Upper
152 100
150 158.0 125.9 188.9
115 57.8 45.9 68.9



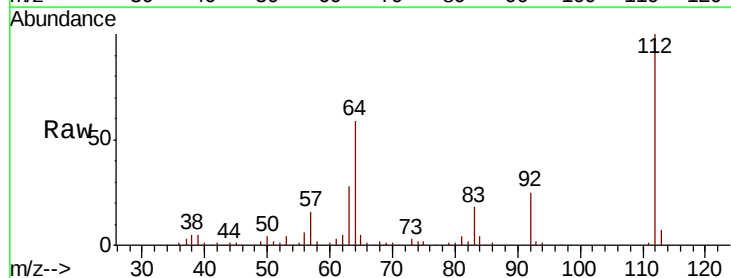
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



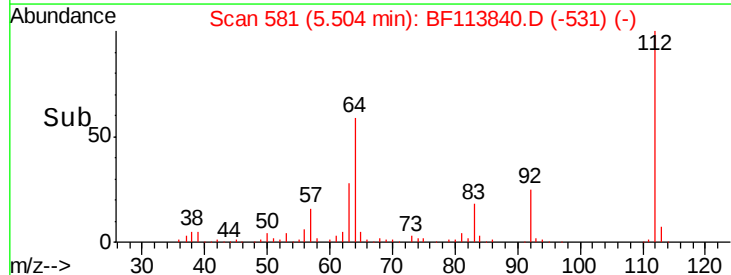
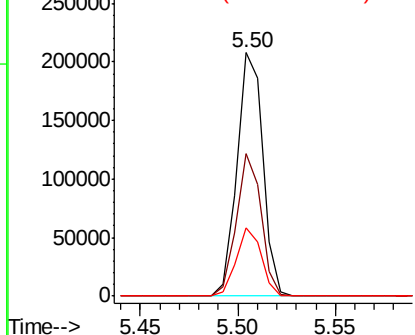
#5

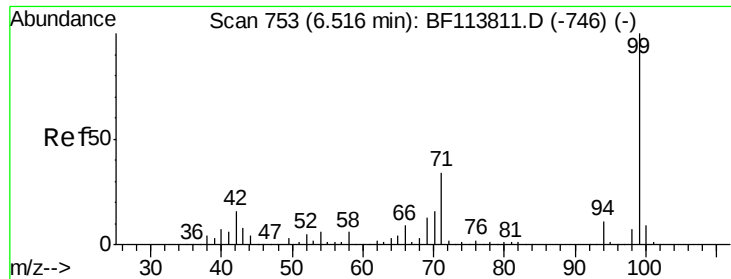
2-Fluorophenol
Concen: 22.838 ng
RT: 5.50 min Scan# 581
Delta R.T. -0.01 min
Lab File: BF113840.D
Acq: 19 Apr 2019 2:17

Tgt Ion:112 Resp: 191513
Ion Ratio Lower Upper
112 100
64 58.6 46.6 69.8
63 28.2 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: 22.303 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF113840.D

Acq: 19 Apr 2019 2:17

Instrument :

BNA_F

ClientSampleId :

OK-02-041619

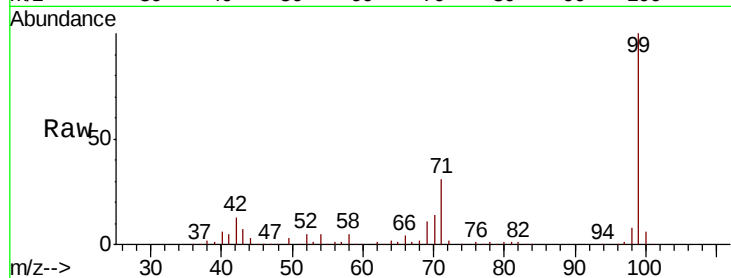
Tot Ion: 99 Resp: 233235

Ion Ratio Lower Upper

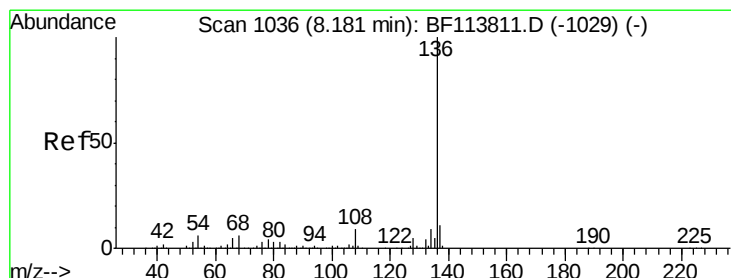
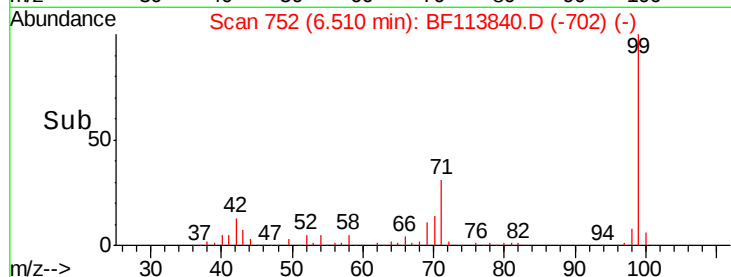
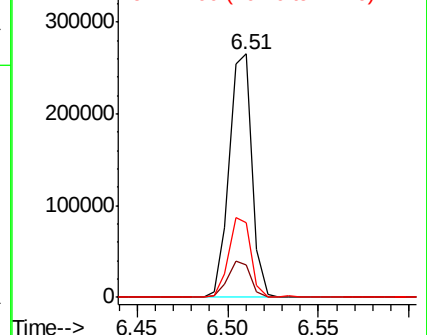
99 100

42 13.4 12.5 18.7

71 30.6 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: BF113840.D

Acq: 19 Apr 2019 2:17

Tgt Ion: 136 Resp: 478290

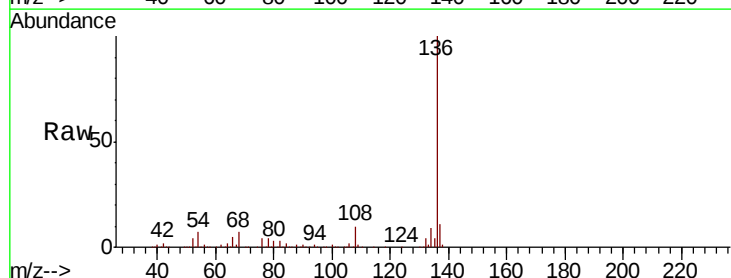
Ion Ratio Lower Upper

136 100

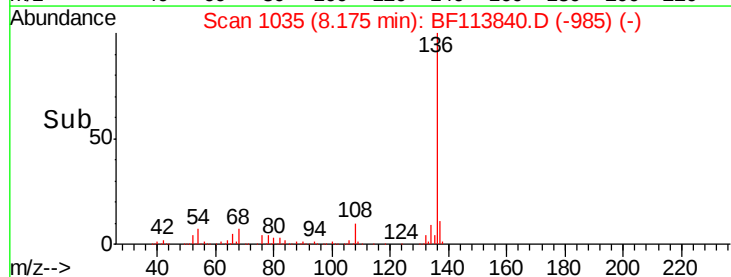
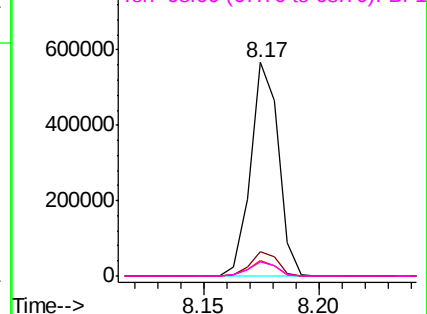
137 11.4 8.6 12.8

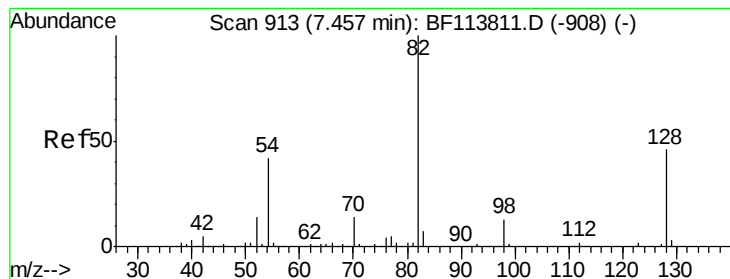
54 7.0 5.0 7.6

68 6.9 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: 15.047 ng

RT: 7.45 min Scan# 911

Delta R.T. -0.01 min

Lab File: BF113840.D

Acq: 19 Apr 2019 2:17

Instrument :

BNA_F

ClientSampleId :

OK-02-041619

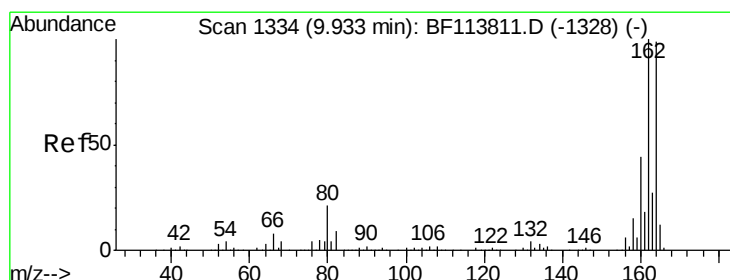
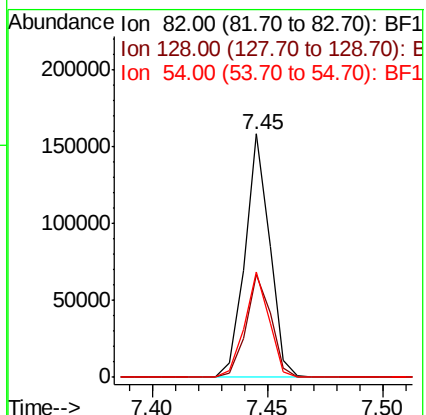
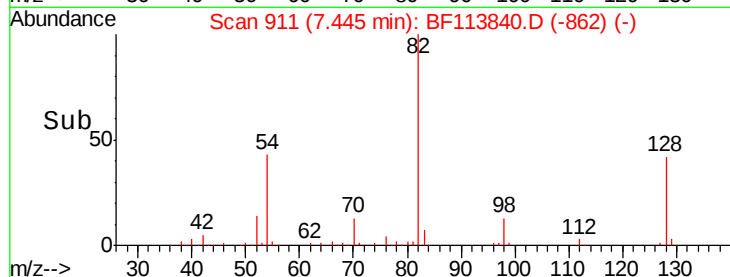
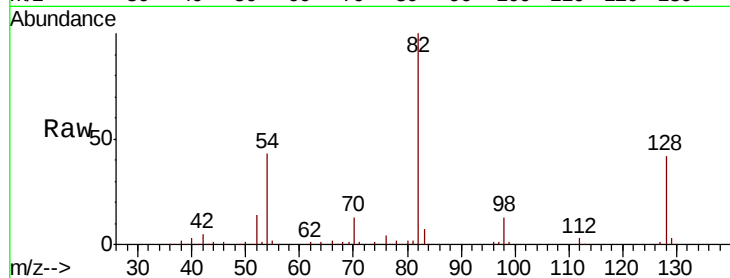
Tot Ion: 82 Resp: 118179

Ion Ratio Lower Upper

82 100

128 42.0 36.8 55.2

54 43.3 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: BF113840.D

Acq: 19 Apr 2019 2:17

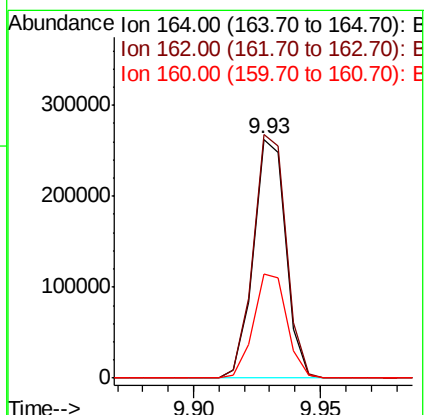
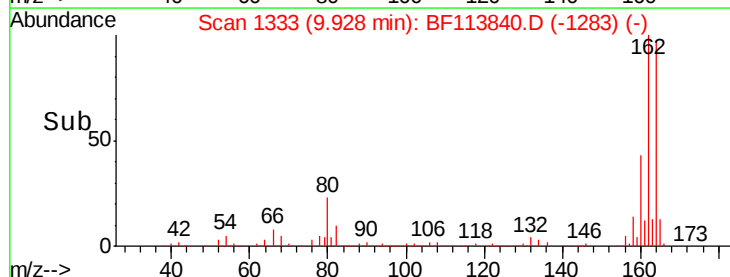
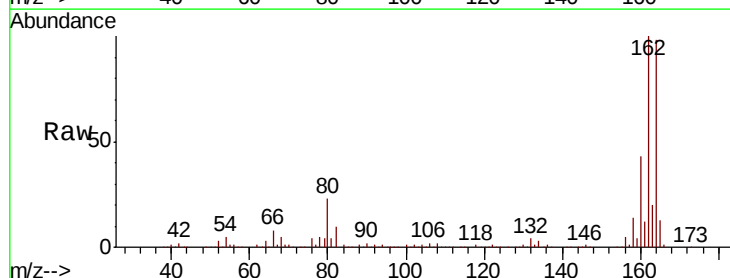
Tgt Ion:164 Resp: 233882

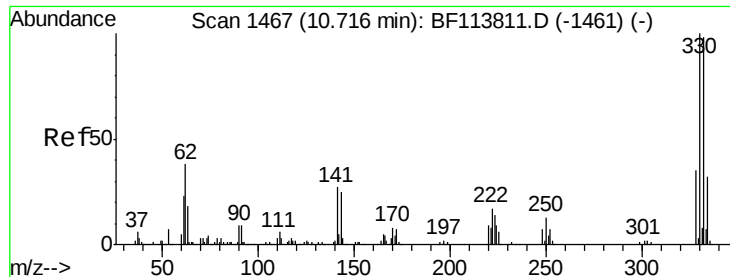
Ion Ratio Lower Upper

164 100

162 102.1 81.1 121.7

160 43.7 35.8 53.6





#42

2,4,6-Tribromophenol

Concen: 25.269 ng

RT: 10.71 min Scan# 1466

Delta R.T. -0.01 min

Lab File: BF113840.D

Acq: 19 Apr 2019 2:17

Instrument :

BNA_F

ClientSampleId :

OK-02-041619

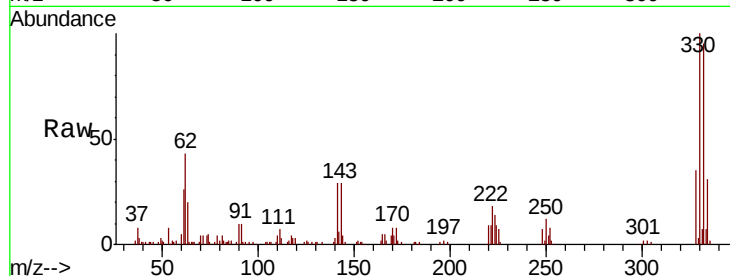
Tot Ion:330 Resp: 65295

Ion Ratio Lower Upper

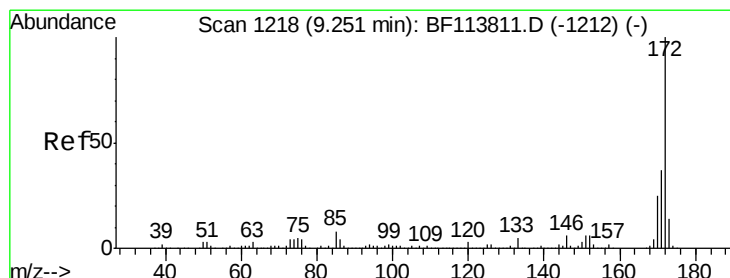
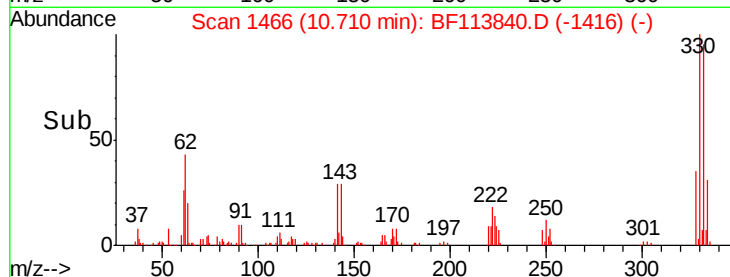
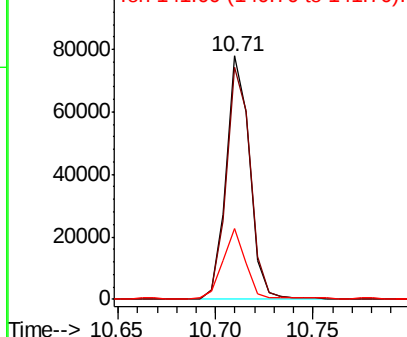
330 100

332 97.7 77.5 116.3

141 29.2 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: 16.539 ng

RT: 9.25 min Scan# 1218

Delta R.T. -0.00 min

Lab File: BF113840.D

Acq: 19 Apr 2019 2:17

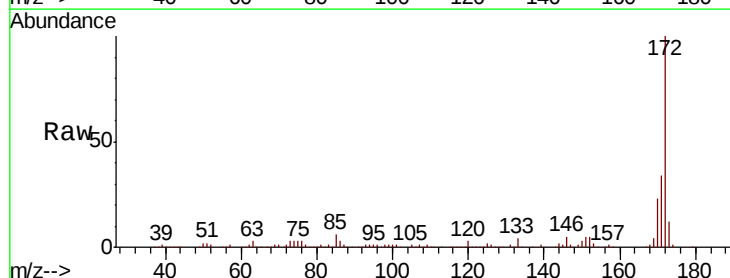
Tgt Ion:172 Resp: 253650

Ion Ratio Lower Upper

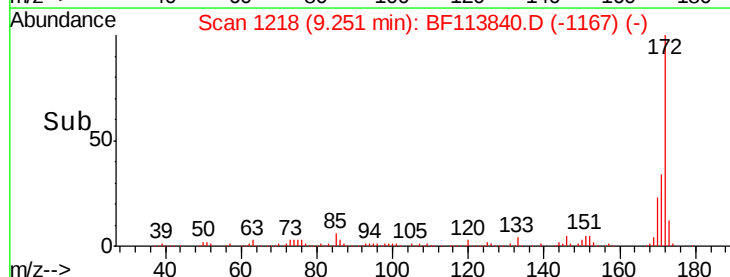
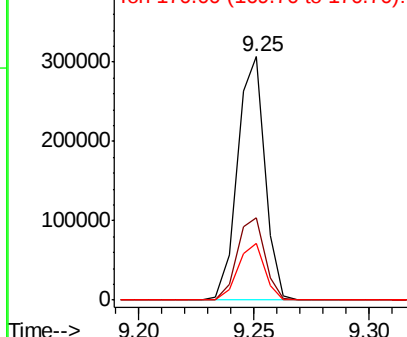
172 100

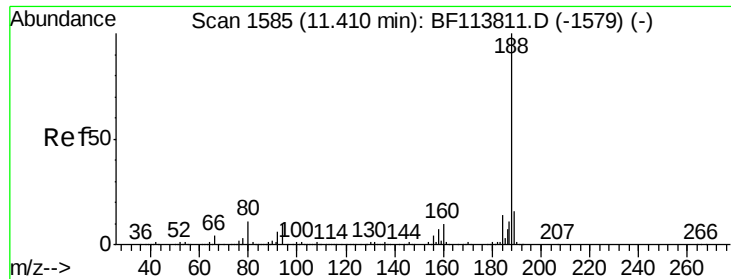
171 34.0 29.4 44.0

170 23.2 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

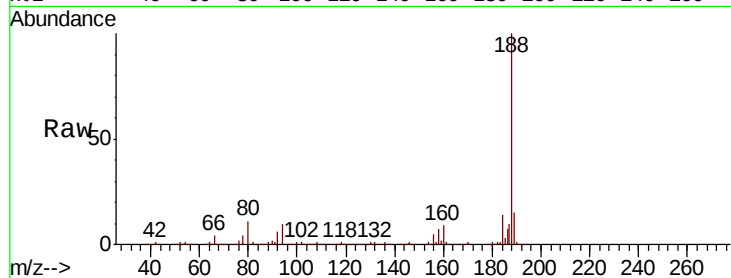




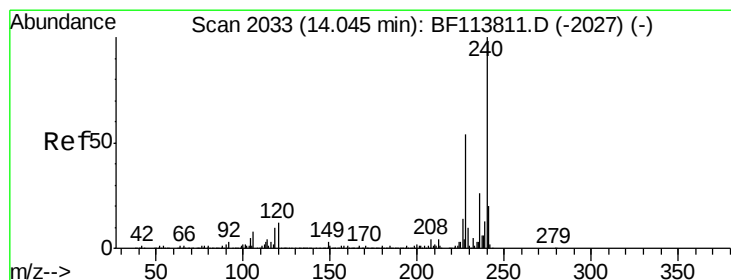
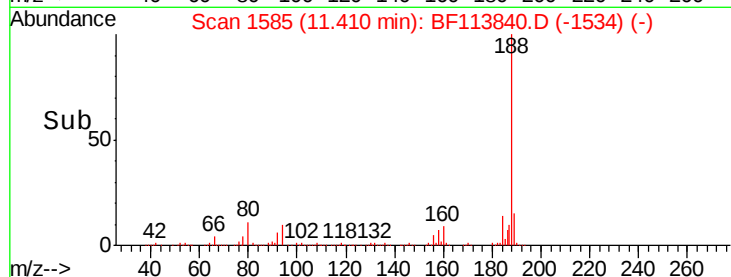
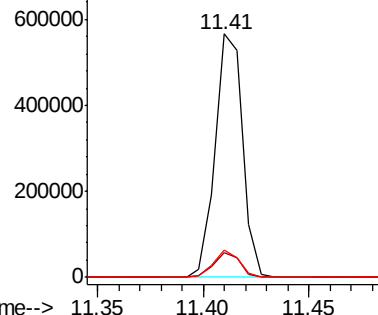
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.00 min
Lab File: BF113840.D
Acq: 19 Apr 2019 2:17

Instrument :
BNA_F
ClientSampleId :
OK-02-041619

Tot Ion:188 Resp: 508946
Ion Ratio Lower Upper
188 100
94 10.1 8.2 12.4
80 11.0 9.0 13.6

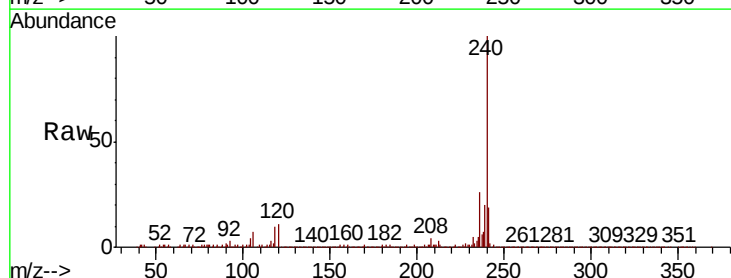


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

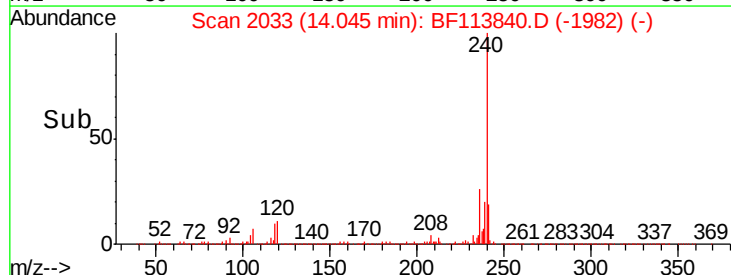
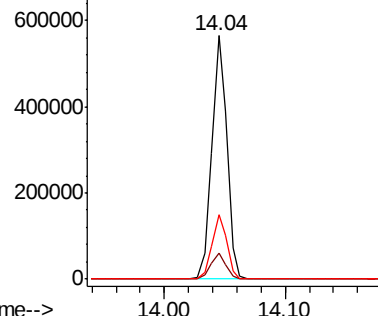


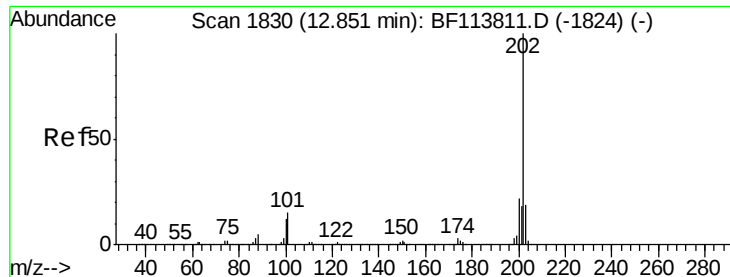
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.00 min
Lab File: BF113840.D
Acq: 19 Apr 2019 2:17

Tgt Ion:240 Resp: 491623
Ion Ratio Lower Upper
240 100
120 10.7 9.3 13.9
236 26.3 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





#78

Pvrene

Concen: 2.404 ng

RT: 12.85 min Scan# 1830

Delta R.T. -0.00 min

Lab File: BF113840.D

Acq: 19 Apr 2019 2:17

Instrument :

BNA_F

ClientSampleId :

OK-02-041619

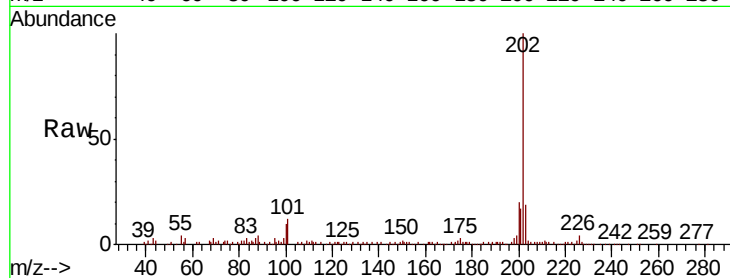
Tot Ion:202 Resp: 83301

Ion Ratio Lower Upper

202 100

200 20.1 17.7 26.5

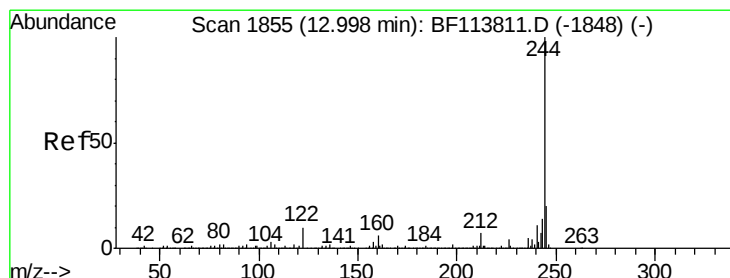
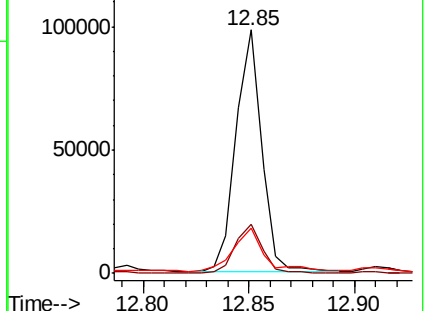
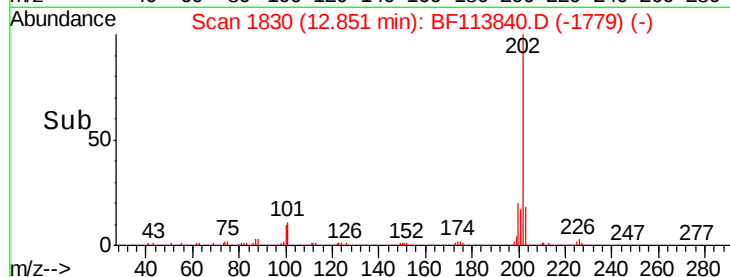
203 18.7 15.0 22.6



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



#79

Terphenyl-d14

Concen: 16.356 ng

RT: 12.99 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BF113840.D

Acq: 19 Apr 2019 2:17

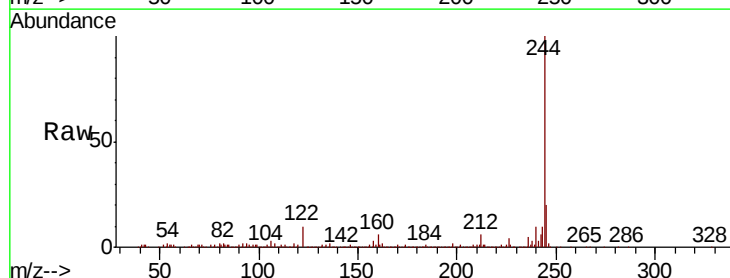
Tgt Ion:244 Resp: 383464

Ion Ratio Lower Upper

244 100

212 6.3 5.4 8.2

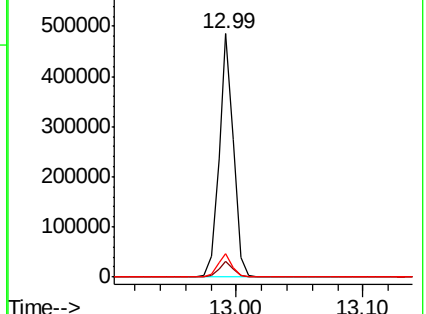
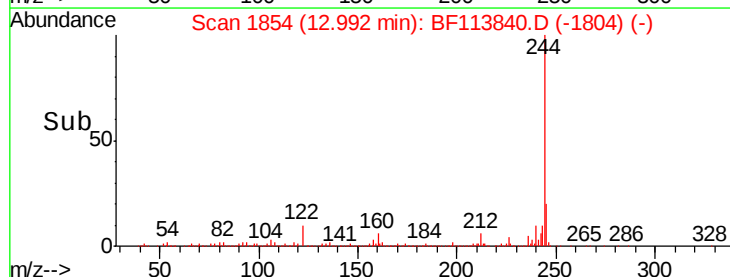
122 9.8 7.6 11.4

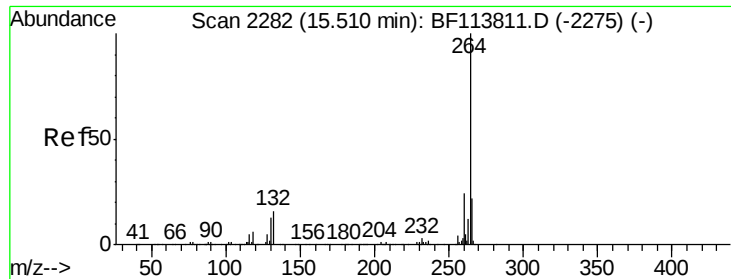


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.52 min Scan# 2284
Delta R.T. 0.01 min
Lab File: BF113840.D
Acq: 19 Apr 2019 2:17

Instrument :
BNA_F
ClientSampleId :
OK-02-041619

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.9	28.3
265	22.4	17.3	25.9

