

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061419\
 Data File : BF115040.D
 Acq On : 14 Jun 2019 15:22
 Operator : HP/JU
 Sample : PB120595BL
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB120595BL

Quant Time: Jun 15 05:44:03 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 12 15:42:37 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	258002	20.00	ng	0.00
21) Naphthalene-d8	7.93	136	1003138	20.00	ng	0.00
39) Acenaphthene-d10	9.67	164	480249	20.00	ng	0.00
64) Phenanthrene-d10	11.15	188	965494	20.00	ng	-0.01
76) Chrysene-d12	13.77	240	742504	20.00	ng	-0.01
87) Perylene-d12	15.14	264	720553	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	1053677	68.19	ng	0.00
7) Phenol-d6	6.29	99	1253891	67.27	ng	-0.01
23) Nitrobenzene-d5	7.21	82	1119071	67.15	ng	0.00
42) 2,4,6-Tribromophenol	10.46	330	337628	65.65	ng	-0.01
45) 2-Fluorobiphenyl	9.00	172	2112593	74.56	ng	0.00
79) Terphenyl-d14	12.73	244	2144275	54.32	ng	0.00

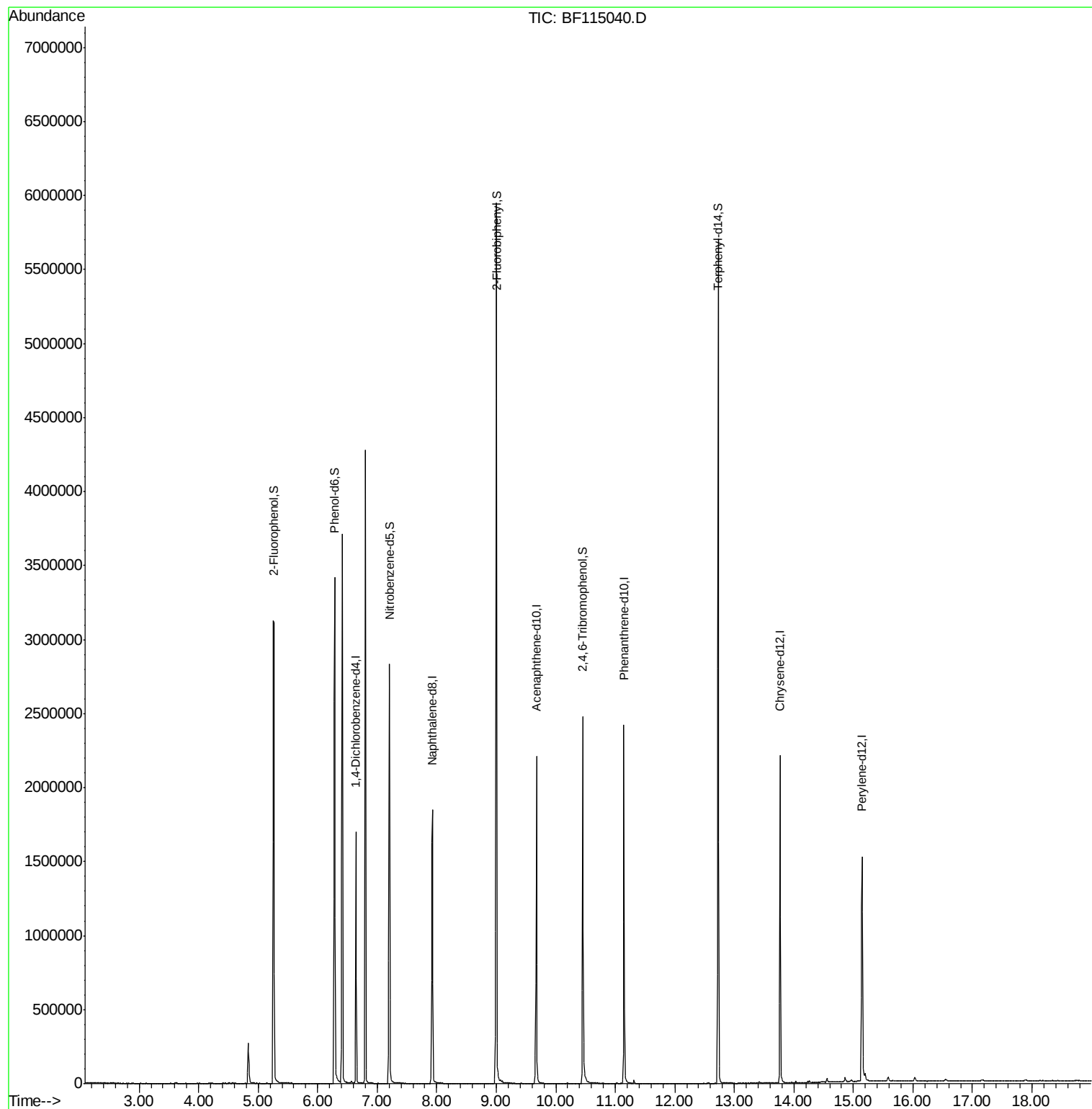
Target Compounds Qvalue

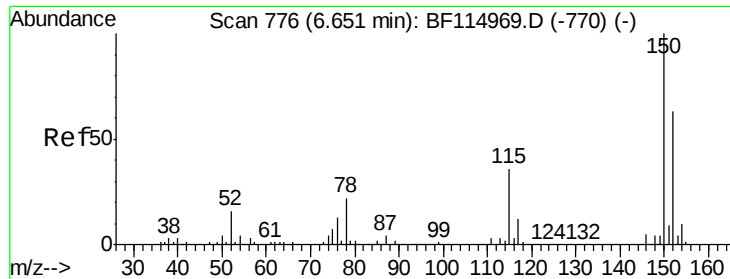
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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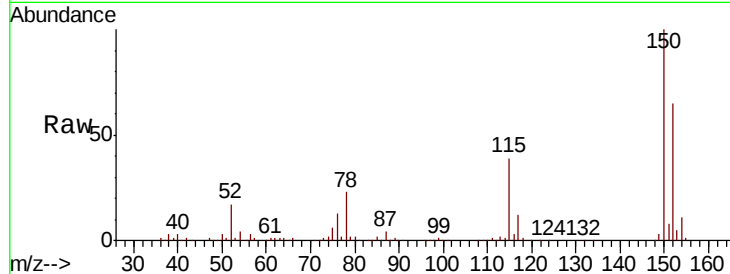


#1

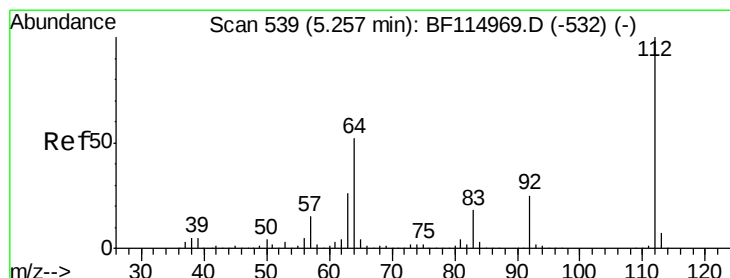
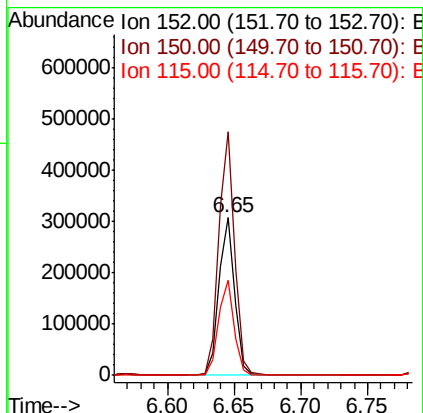
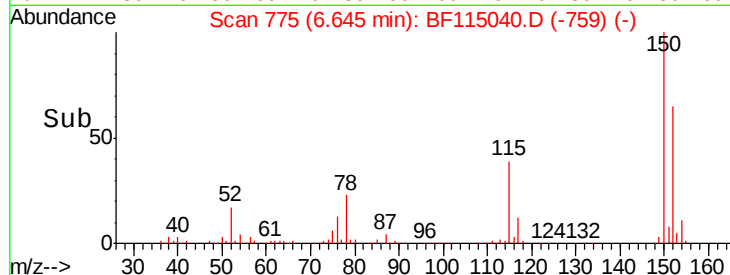
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.65 min Scan# 775
 Delta R.T. -0.01 min
 Lab File: BF115040.D
 Acq: 14 Jun 2019 15:22

Instrument :
 BNA_F
 ClientSampleId :
 PB120595BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.8	127.4	191.0
115	60.5	46.0	69.0



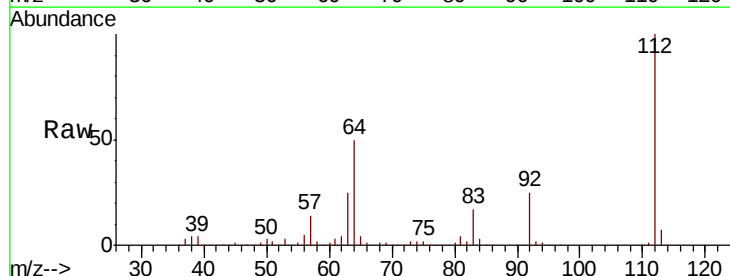
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



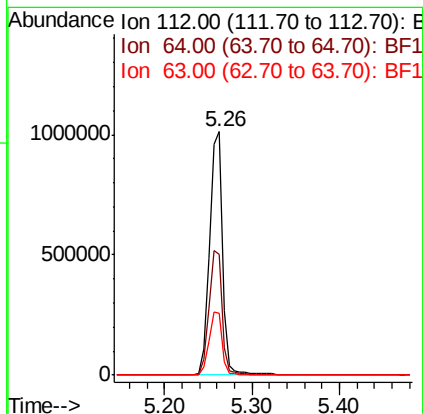
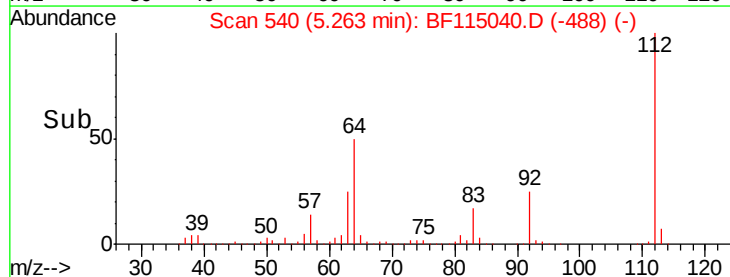
#5

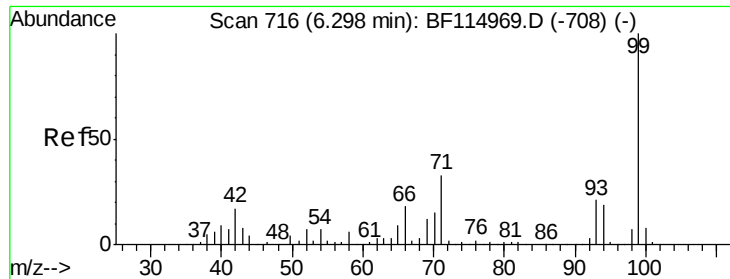
2-Fluorophenol
 Concen: 68.194 ng
 RT: 5.26 min Scan# 540
 Delta R.T. 0.01 min
 Lab File: BF115040.D
 Acq: 14 Jun 2019 15:22

Tgt Ion	Ratio	Lower	Upper
112	100		
64	49.6	41.6	62.4
63	25.2	20.9	31.3



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: 67.274 ng

RT: 6.29 min Scan# 714

Delta R.T. -0.01 min

Lab File: BF115040.D

Acq: 14 Jun 2019 15:22

Instrument :

BNA_F

ClientSampleId :

PB120595BL

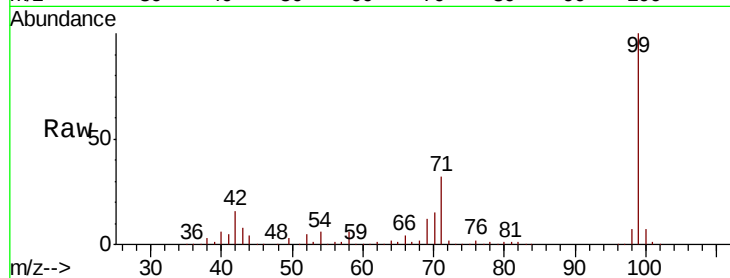
Tot Ion: 99 Resp: 1253891

Ion Ratio Lower Upper

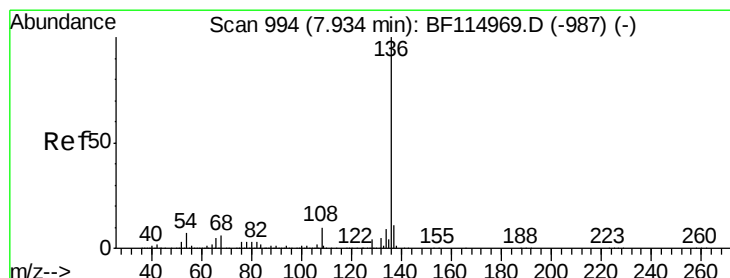
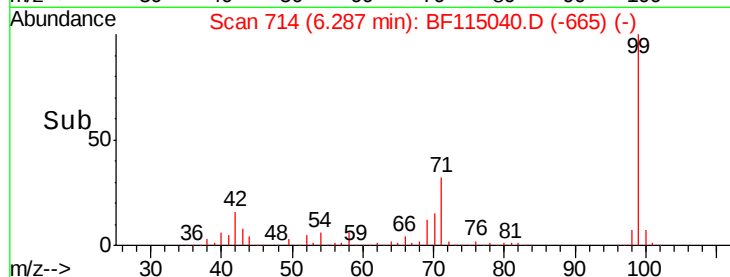
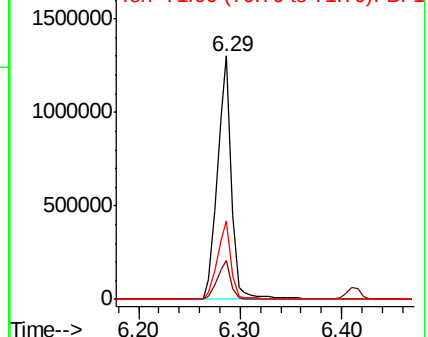
99 100

42 15.7 13.4 20.2

71 32.3 26.4 39.6



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: 7.93 min Scan# 993

Delta R.T. -0.01 min

Lab File: BF115040.D

Acq: 14 Jun 2019 15:22

Tgt Ion: 136 Resp: 1003138

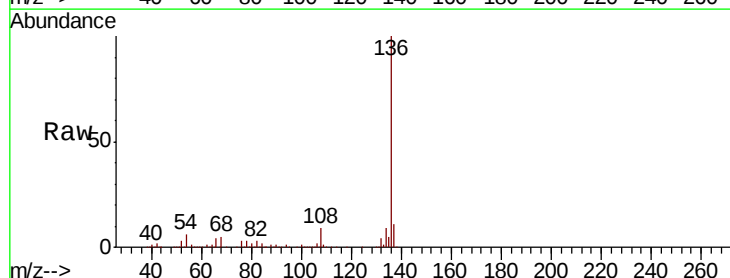
Ion Ratio Lower Upper

136 100

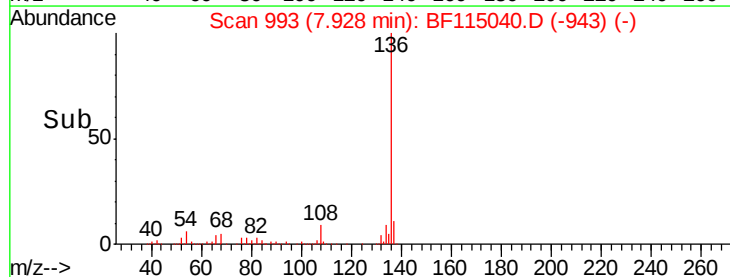
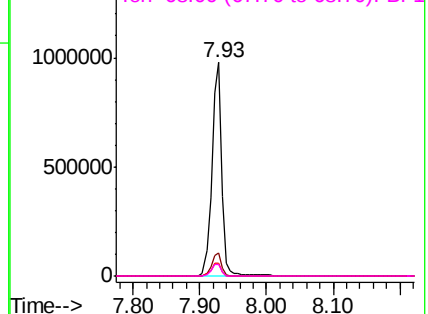
137 11.0 9.0 13.4

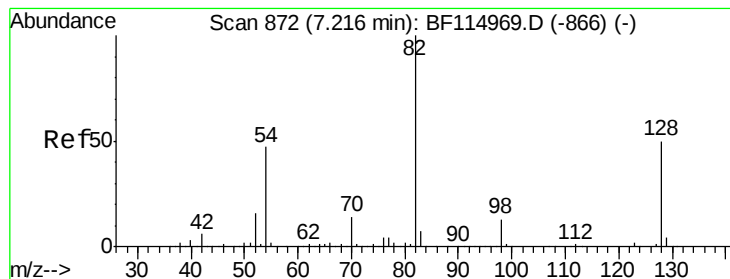
54 6.2 5.4 8.0

68 5.3 4.6 7.0



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: 67.149 ng

RT: 7.21 min Scan# 871

Delta R.T. -0.01 min

Lab File: BF115040.D

Acq: 14 Jun 2019 15:22

Instrument :

BNA_F

ClientSampleId :

PB120595BL

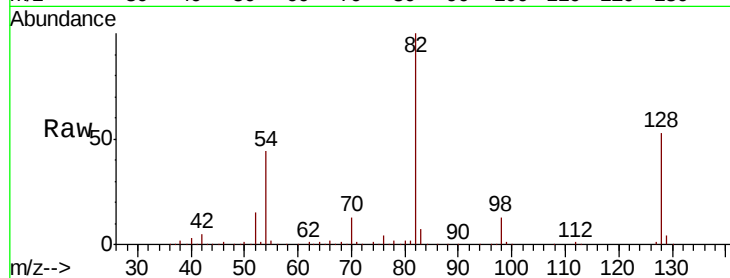
Tot Ion: 82 Resp: 1119071

Ion Ratio Lower Upper

82 100

128 53.0 39.9 59.9

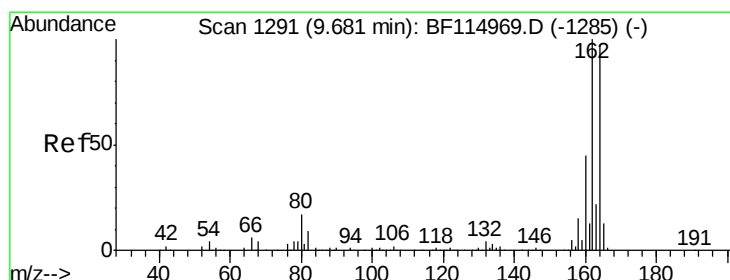
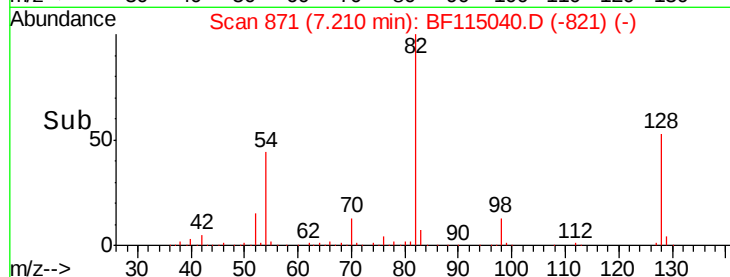
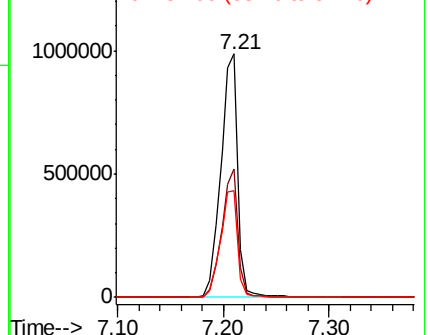
54 43.8 37.3 55.9



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



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.67 min Scan# 1290

Delta R.T. -0.01 min

Lab File: BF115040.D

Acq: 14 Jun 2019 15:22

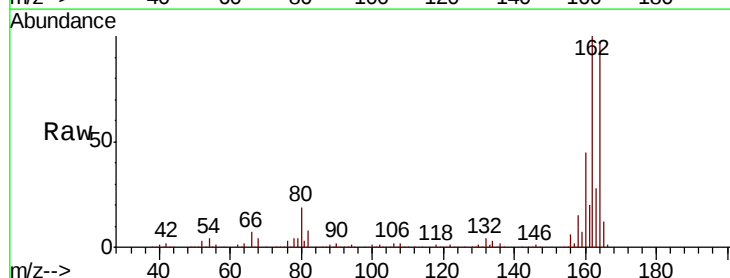
Tgt Ion:164 Resp: 480249

Ion Ratio Lower Upper

164 100

162 103.1 82.6 124.0

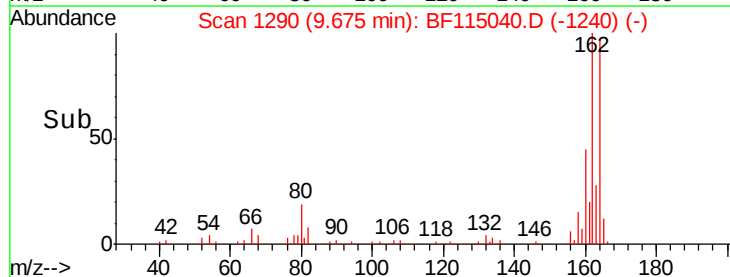
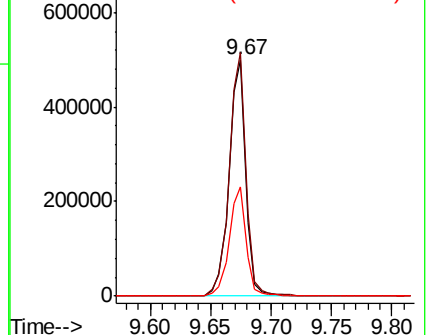
160 46.3 36.9 55.3

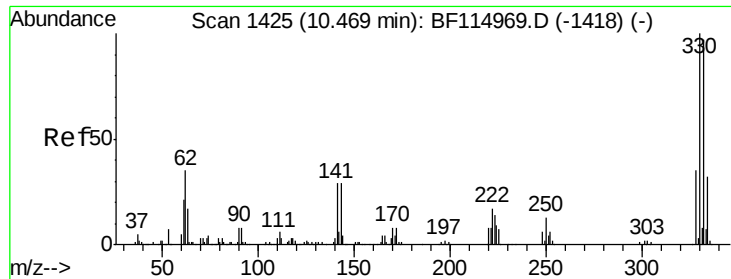


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#42

2,4,6-Tribromophenol

Concen: 65.651 ng

RT: 10.46 min Scan# 1423

Delta R.T. -0.01 min

Lab File: BF115040.D

Acq: 14 Jun 2019 15:22

Instrument :

BNA_F

ClientSampleId :

PB120595BL

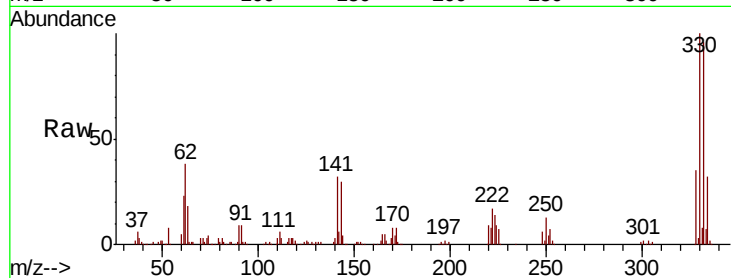
Tot Ion:330 Resp: 337628

Ion Ratio Lower Upper

330 100

332 96.6 77.6 116.4

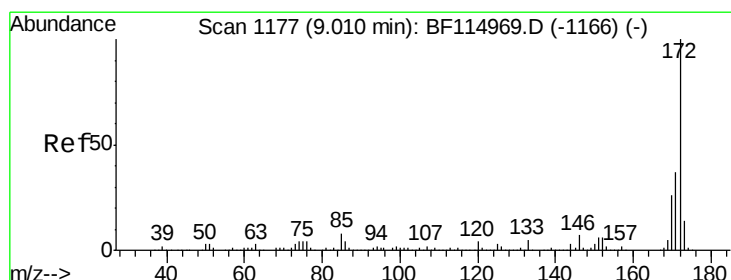
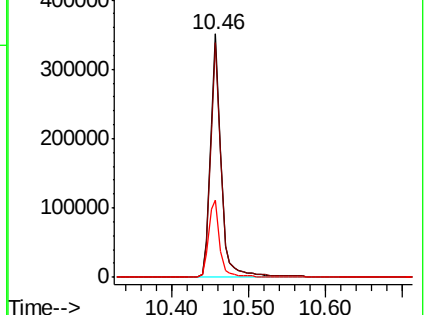
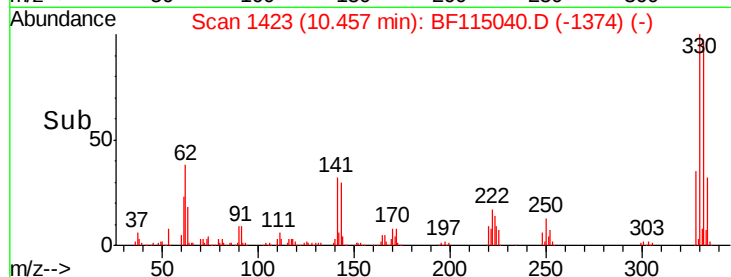
141 34.3 27.2 40.8



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: 74.555 ng

RT: 9.00 min Scan# 1176

Delta R.T. -0.01 min

Lab File: BF115040.D

Acq: 14 Jun 2019 15:22

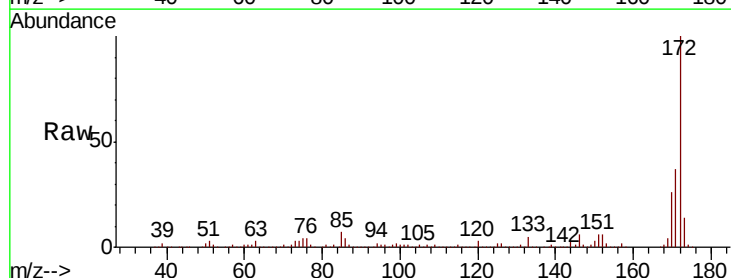
Tgt Ion:172 Resp: 2112593

Ion Ratio Lower Upper

172 100

171 37.3 29.8 44.6

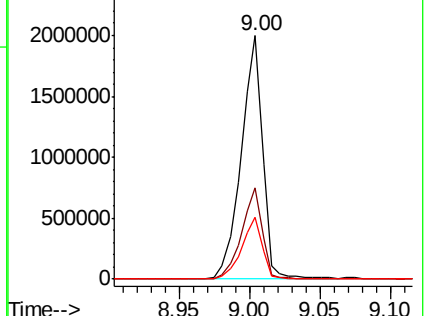
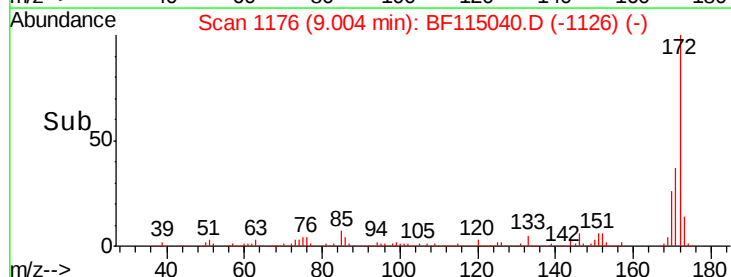
170 25.5 20.6 31.0

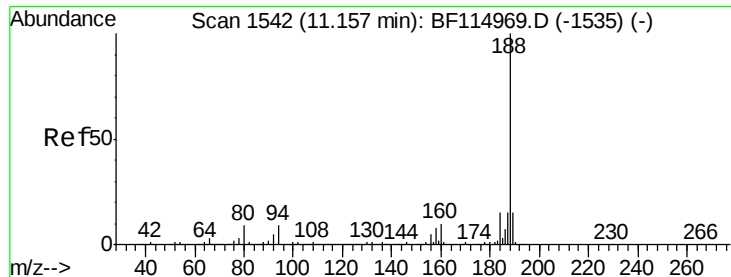


Abundance Ion 172.00 (171.70 to 172.70): E

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: 11.15 min Scan# 1540

Delta R.T. -0.01 min

Lab File: BF115040.D

Acq: 14 Jun 2019 15:22

Instrument :

BNA_F

ClientSampleId :

PB120595BL

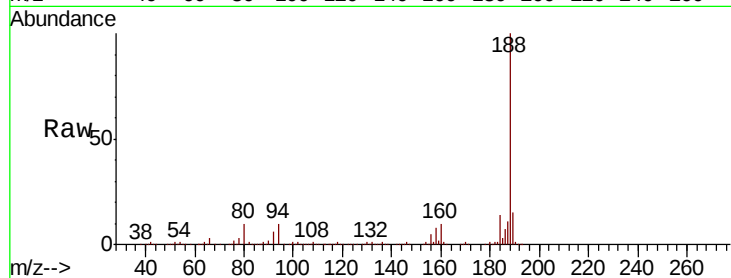
Tot Ion:188 Resp: 965494

Ion Ratio Lower Upper

188 100

94 10.0 7.2 10.8

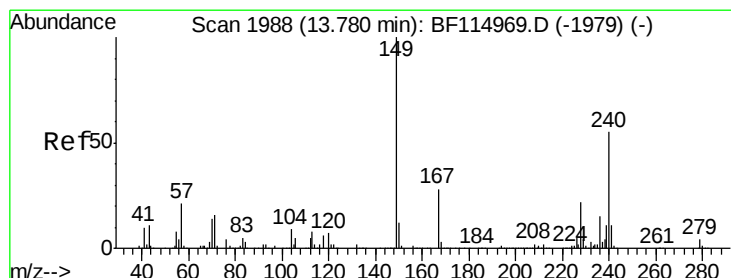
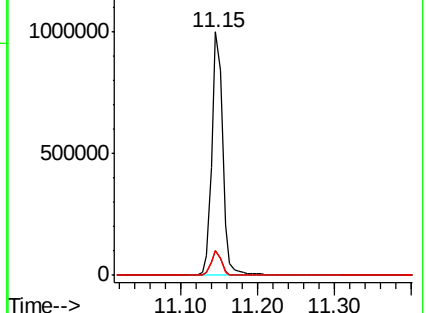
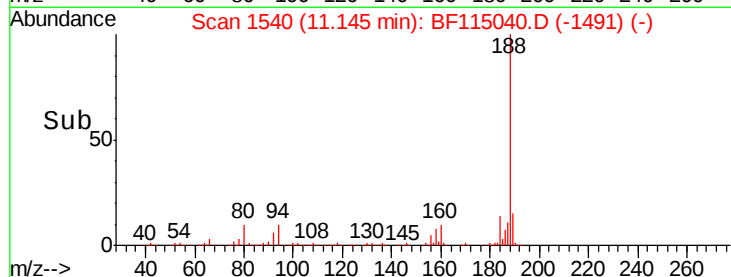
80 10.4 7.4 11.2



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: 13.77 min Scan# 1986

Delta R.T. -0.01 min

Lab File: BF115040.D

Acq: 14 Jun 2019 15:22

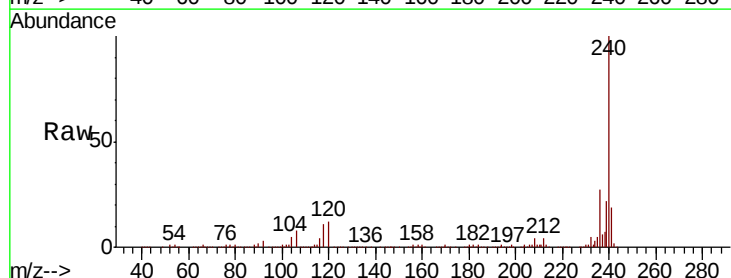
Tgt Ion:240 Resp: 742504

Ion Ratio Lower Upper

240 100

120 12.0 10.0 15.0

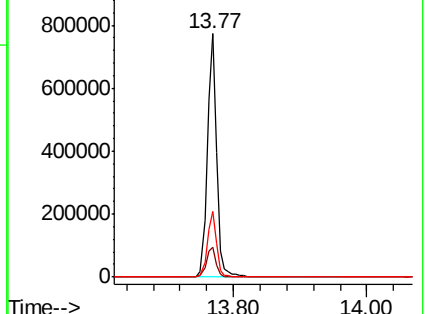
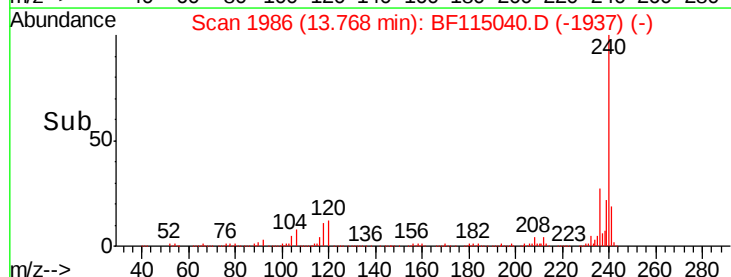
236 26.8 21.6 32.4

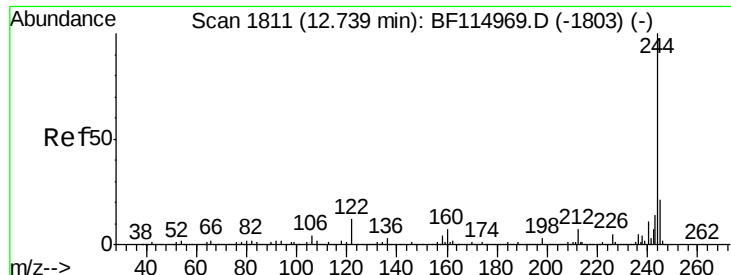


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



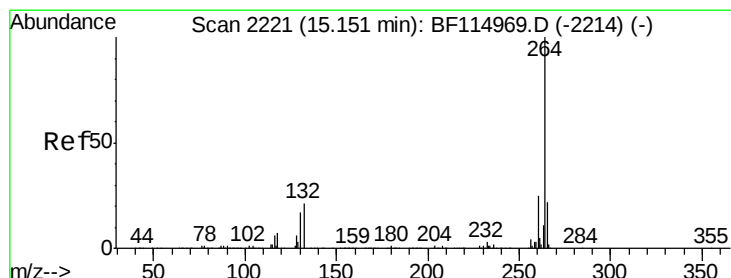
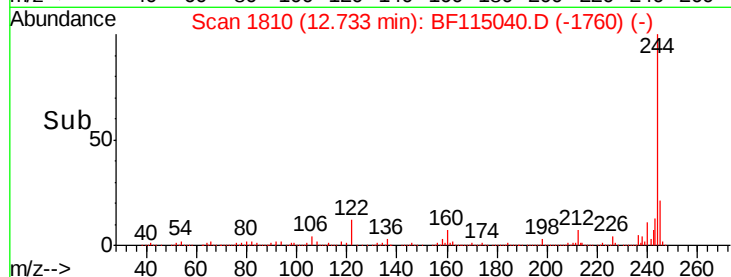
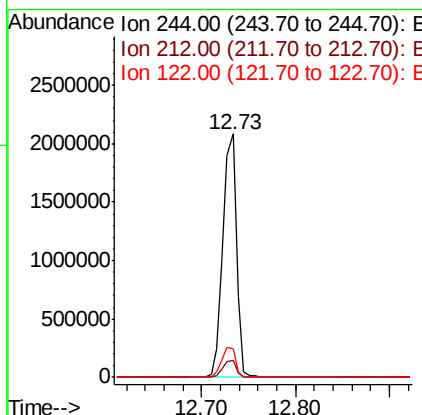
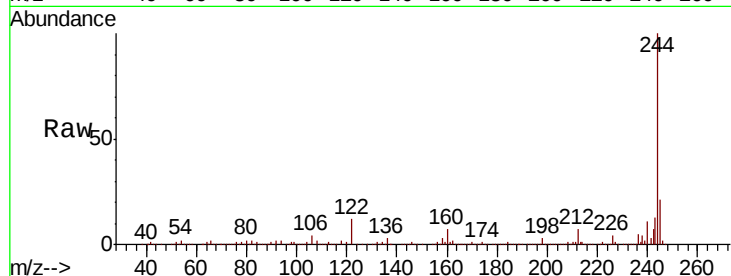


#79
 Terphenyl-d14
 Concen: 54.318 ng
 RT: 12.73 min Scan# 1810
 Delta R.T. -0.01 min
 Lab File: BF115040.D
 Acq: 14 Jun 2019 15:22

Instrument :
 BNA_F
 ClientSampleID :
 PB120595BL

Tot Ion:244 Resp: 2144275

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.8	8.8
122	11.6	9.4	14.0



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.14 min Scan# 2220
 Delta R.T. -0.01 min
 Lab File: BF115040.D
 Acq: 14 Jun 2019 15:22

Tgt Ion:264 Resp: 720553

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.9	29.9
265	21.7	17.6	26.4

