

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042519\
 Data File : BF113977.D
 Acq On : 25 Apr 2019 15:12
 Operator : JU/SJ
 Sample : PB119163BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB119163BL

Quant Time: Apr 26 04:40:02 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF042219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 23 03:32:35 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	97044	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	365631	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	195557	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	422017	20.00	ng	0.00
76) Chrysene-d12	14.06	240	412054	20.00	ng	-0.01
87) Perylene-d12	15.56	264	446076	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	658102	115.99	ng	0.00
7) Phenol-d6	6.52	99	845943	118.84	ng	0.00
23) Nitrobenzene-d5	7.45	82	505225	85.32	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	301427	126.53	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	1086456	86.89	ng	0.00
79) Terphenyl-d14	13.00	244	1520687	75.66	ng	0.00

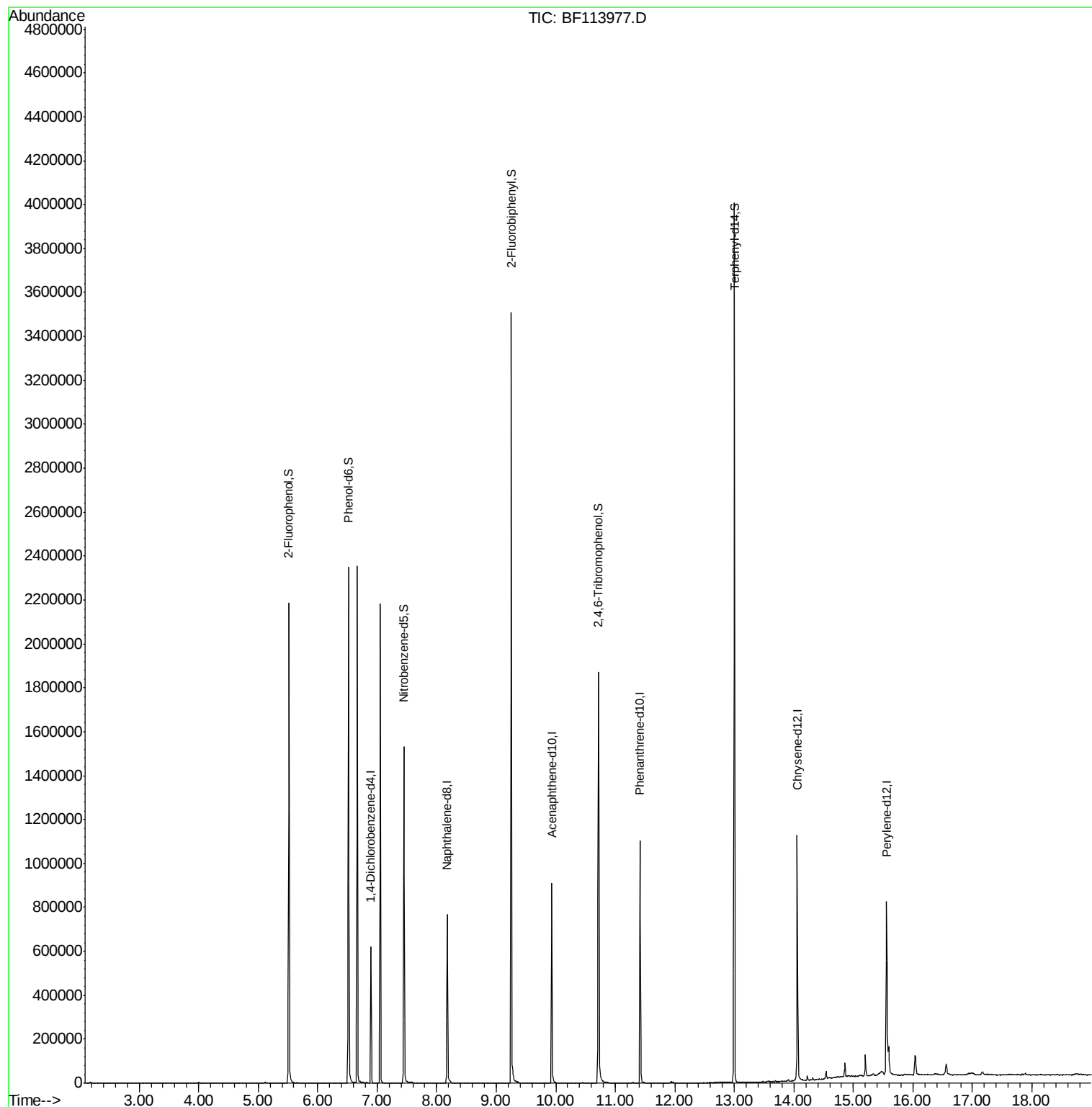
Target Compounds Qvalue

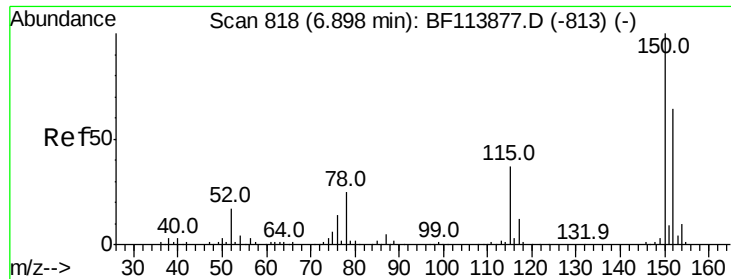
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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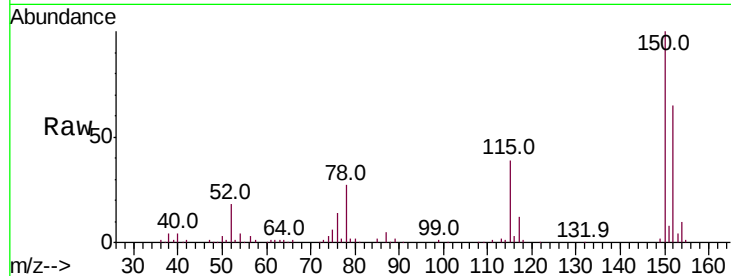


#1

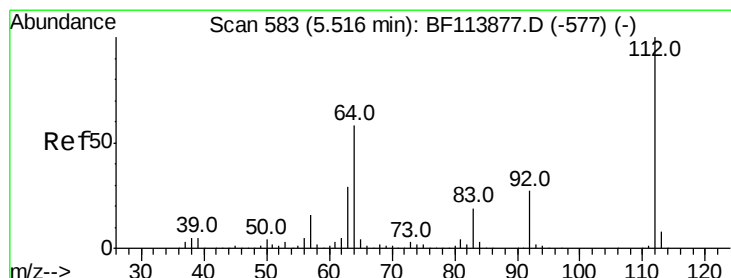
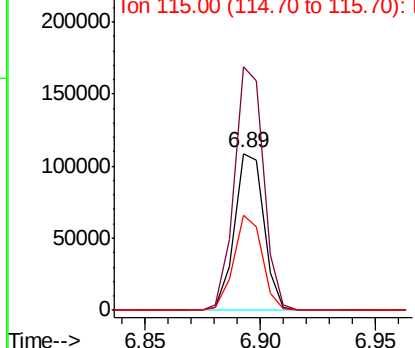
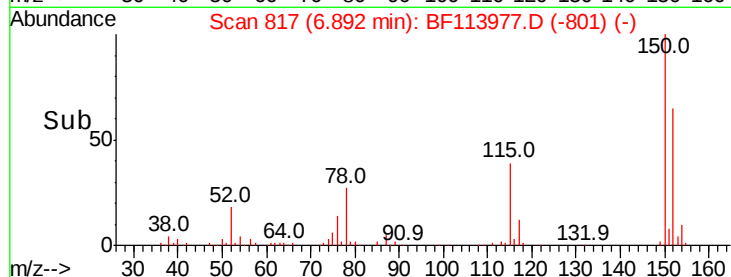
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.89 min Scan# 817
 Delta R.T. -0.01 min
 Lab File: BF113977.D
 Acq: 25 Apr 2019 15:12

Instrument :
 BNA_F
 ClientSampleId :
 PB119163BL

Tot Ion:152 Resp: 97044
 Ion Ratio Lower Upper
 152 100
 150 155.0 125.9 188.9
 115 60.4 45.9 68.9



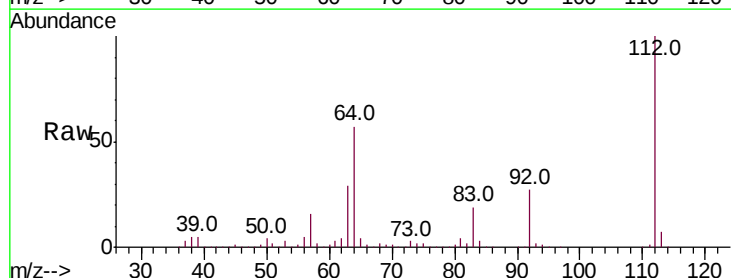
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



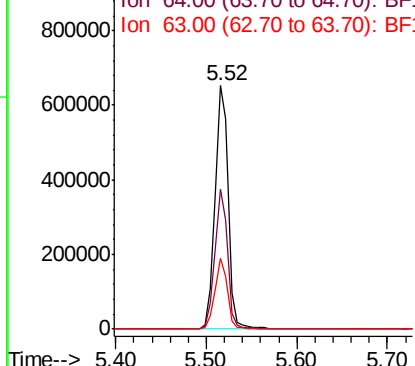
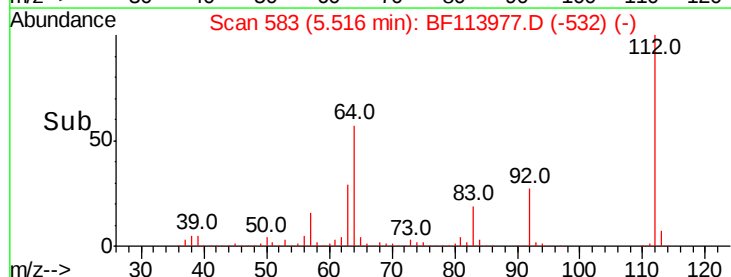
#5

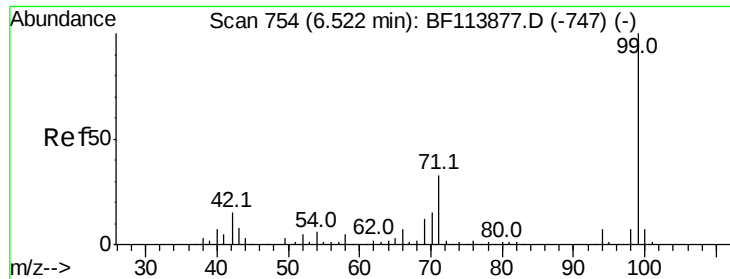
2-Fluorophenol
 Concen: 115.987 ng
 RT: 5.52 min Scan# 583
 Delta R.T. -0.00 min
 Lab File: BF113977.D
 Acq: 25 Apr 2019 15:12

Tgt Ion:112 Resp: 658102
 Ion Ratio Lower Upper
 112 100
 64 57.4 46.6 69.8
 63 29.3 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: 118.836 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.00 min

Lab File: BF113977.D

Acq: 25 Apr 2019 15:12

Instrument :

BNA_F

ClientSampleId :

PB119163BL

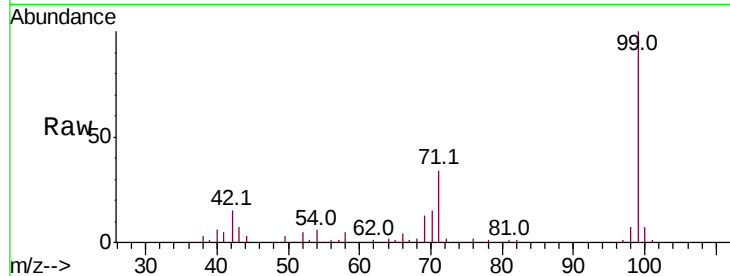
Tot Ion: 99 Resp: 845943

Ion Ratio Lower Upper

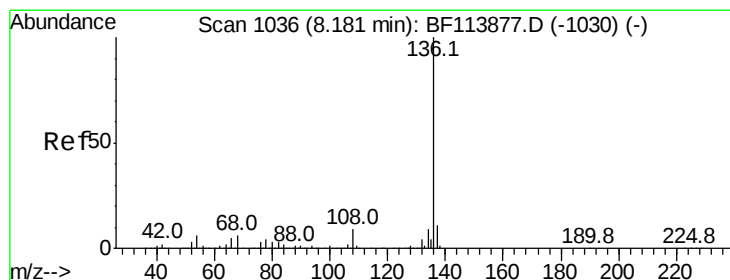
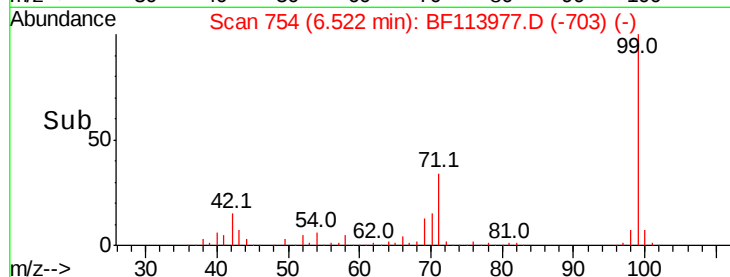
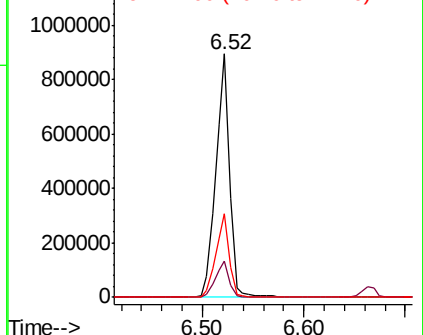
99 100

42 14.9 12.5 18.7

71 34.2 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: BF113977.D

Acq: 25 Apr 2019 15:12

Tgt Ion: 136 Resp: 365631

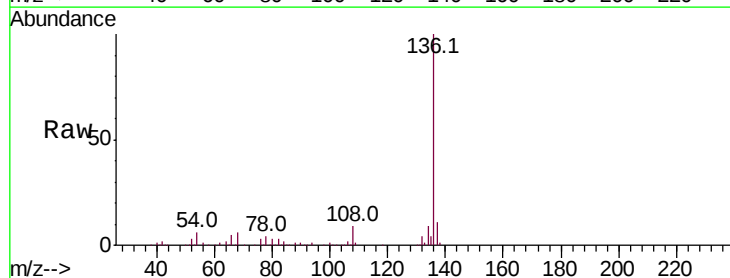
Ion Ratio Lower Upper

136 100

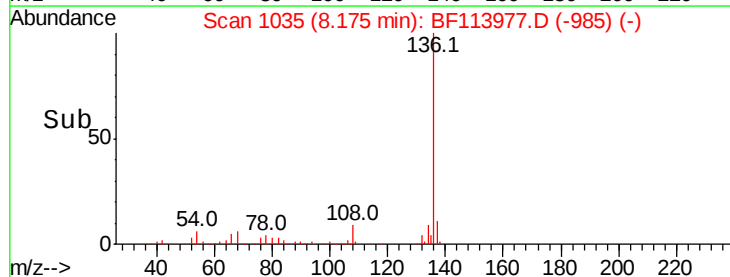
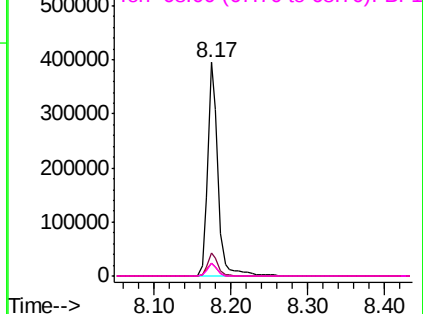
137 11.0 8.6 12.8

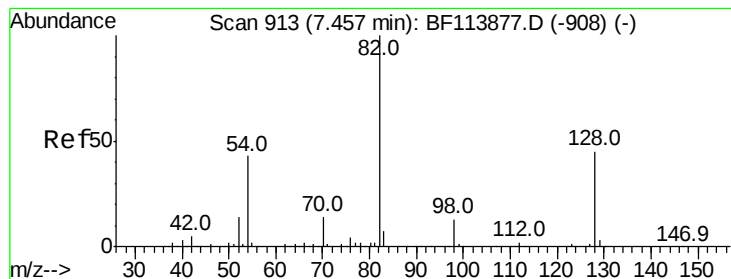
54 6.2 5.0 7.6

68 6.3 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: 85.317 ng

RT: 7.45 min Scan# 912

Delta R.T. -0.01 min

Lab File: BF113977.D

Acq: 25 Apr 2019 15:12

Instrument :

BNA_F

ClientSampleId :

PB119163BL

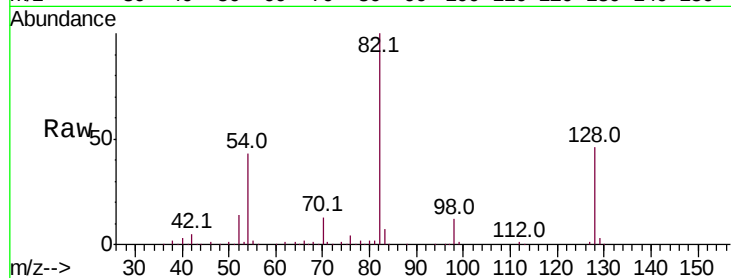
Tot Ion: 82 Resp: 505225

Ion Ratio Lower Upper

82 100

128 46.0 36.8 55.2

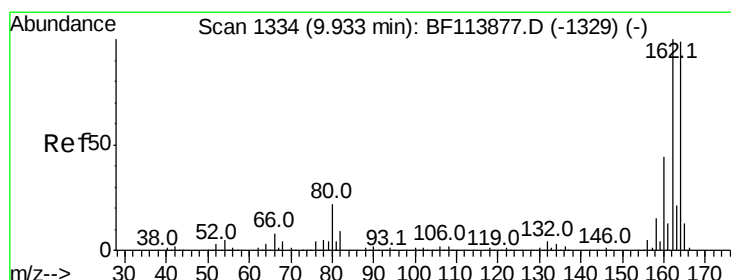
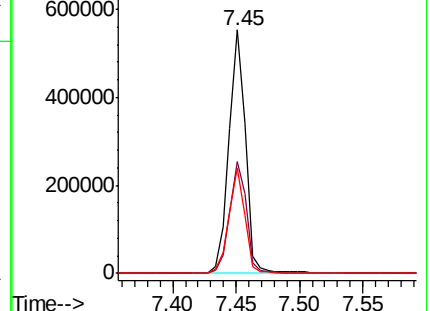
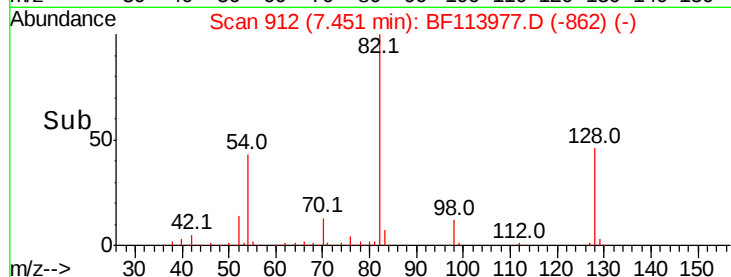
54 43.1 33.8 50.6



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: 9.93 min Scan# 1334

Delta R.T. -0.00 min

Lab File: BF113977.D

Acq: 25 Apr 2019 15:12

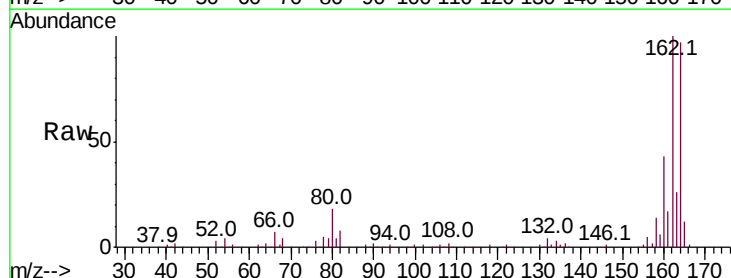
Tgt Ion:164 Resp: 195557

Ion Ratio Lower Upper

164 100

162 103.1 81.1 121.7

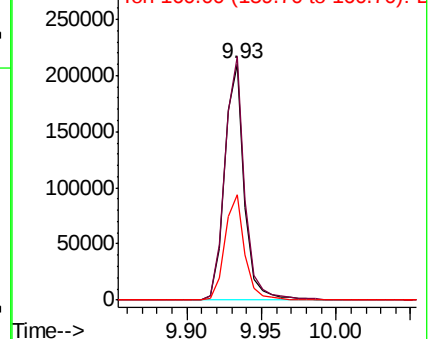
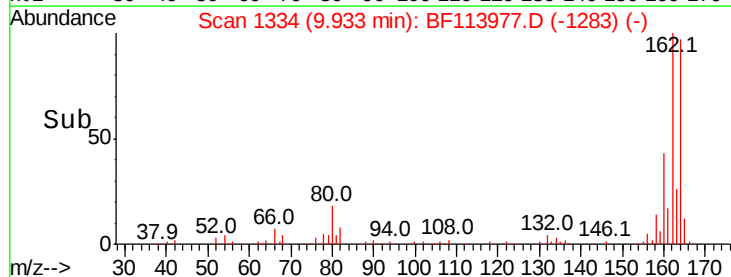
160 44.6 35.8 53.6

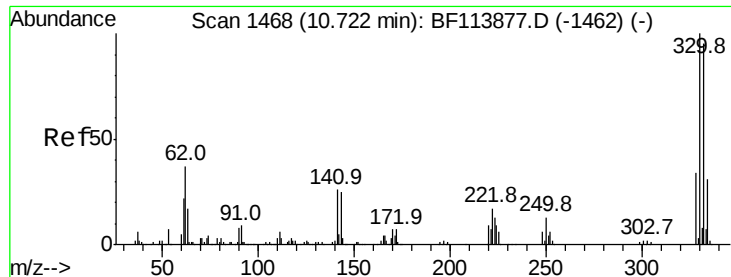


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#42

2,4,6-Tribromophenol

Concen: 126.529 ng

RT: 10.72 min Scan# 1468

Delta R.T. -0.00 min

Lab File: BF113977.D

Acq: 25 Apr 2019 15:12

Instrument :

BNA_F

ClientSampleId :

PB119163BL

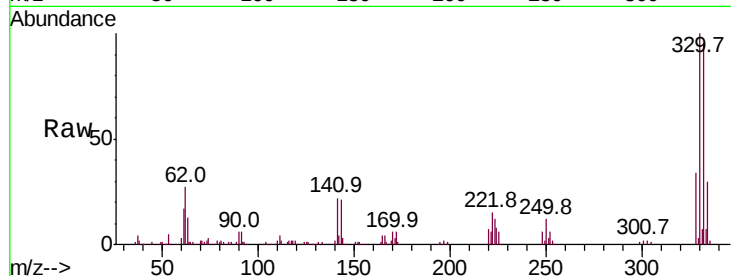
Tot Ion:330 Resp: 301427

Ion Ratio Lower Upper

330 100

332 96.3 77.5 116.3

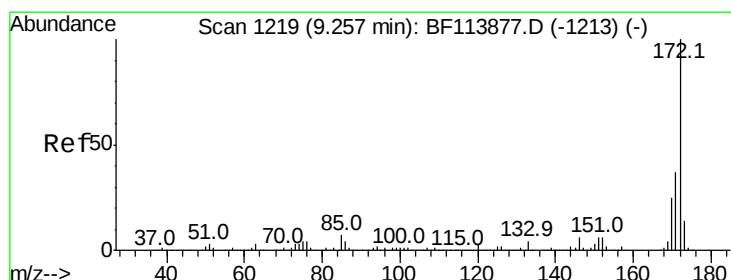
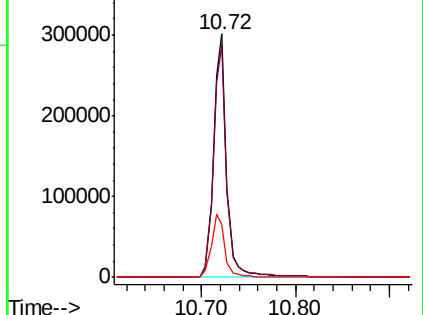
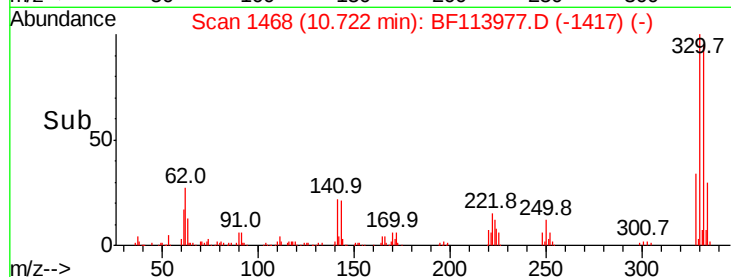
141 26.8 22.2 33.2



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: 86.893 ng

RT: 9.25 min Scan# 1218

Delta R.T. -0.01 min

Lab File: BF113977.D

Acq: 25 Apr 2019 15:12

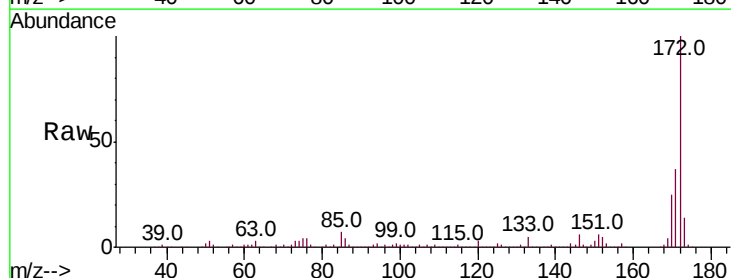
Tgt Ion:172 Resp: 1086456

Ion Ratio Lower Upper

172 100

171 36.7 29.4 44.0

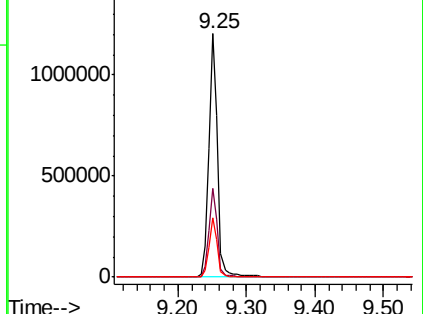
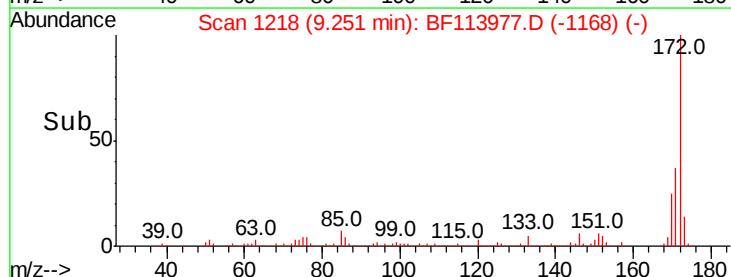
170 24.6 19.9 29.9

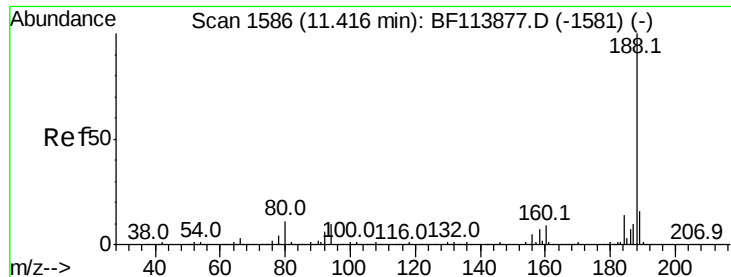


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

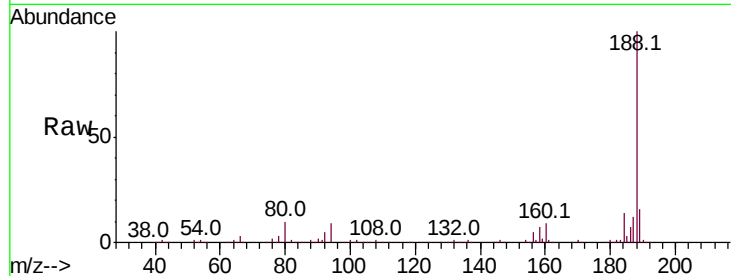




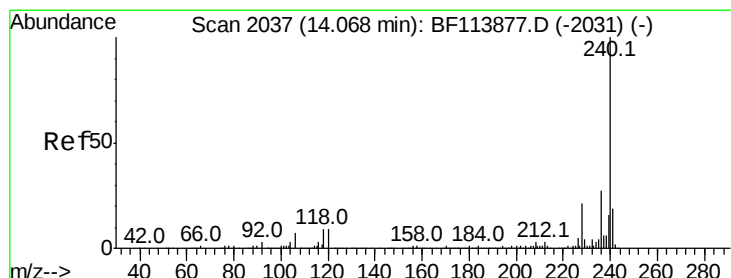
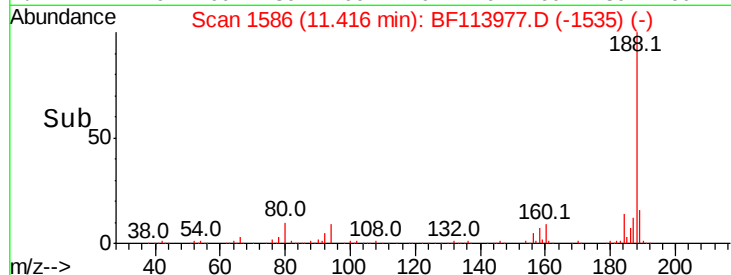
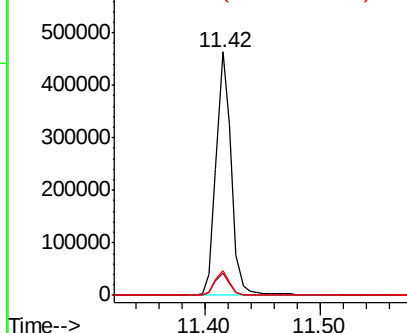
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1586
Delta R.T. -0.00 min
Lab File: BF113977.D
Acq: 25 Apr 2019 15:12

Instrument :
BNA_F
ClientSampleId :
PB119163BL

Tot Ion:188 Resp: 422017
Ion Ratio Lower Upper
188 100
94 9.1 8.2 12.4
80 10.3 9.0 13.6

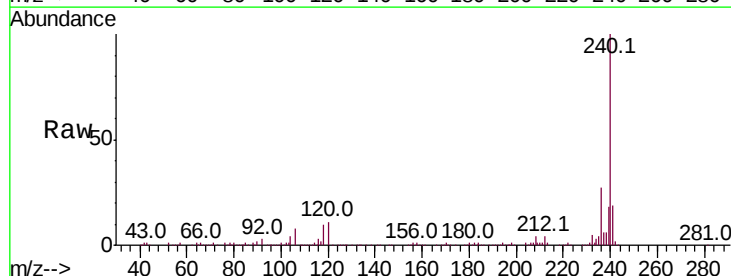


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

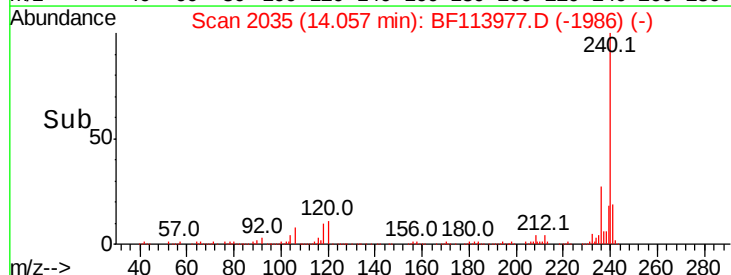
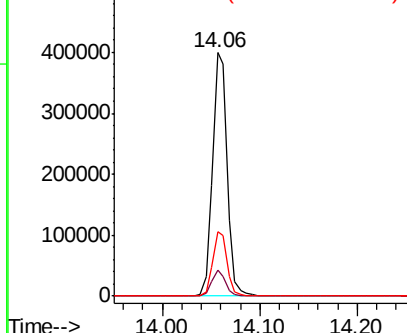


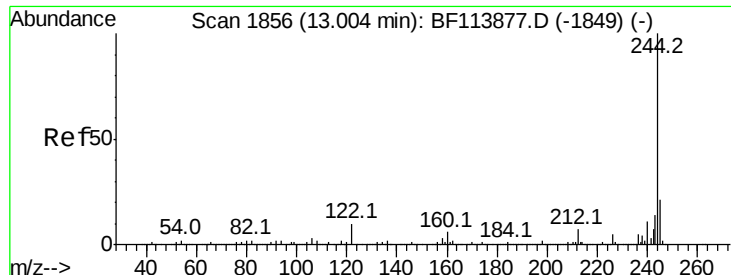
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2035
Delta R.T. -0.01 min
Lab File: BF113977.D
Acq: 25 Apr 2019 15:12

Tgt Ion:240 Resp: 412054
Ion Ratio Lower Upper
240 100
120 10.8 9.3 13.9
236 26.6 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: 75.660 ng

RT: 13.00 min Scan# 1856

Delta R.T. -0.00 min

Lab File: BF113977.D

Acq: 25 Apr 2019 15:12

Instrument :

BNA_F

ClientSampleId :

PB119163BL

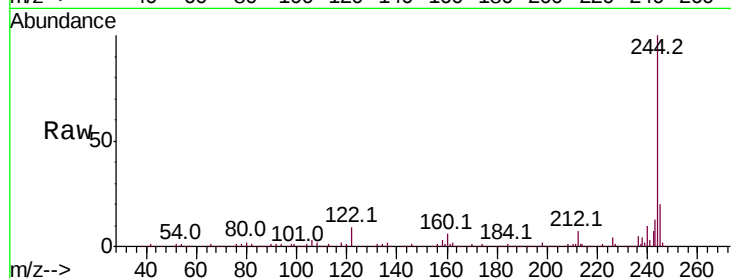
Tot Ion:244 Resp: 1520687

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.2

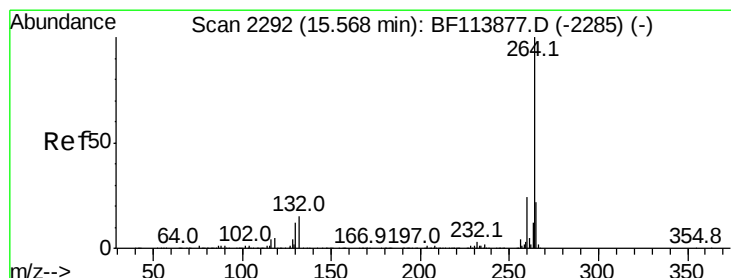
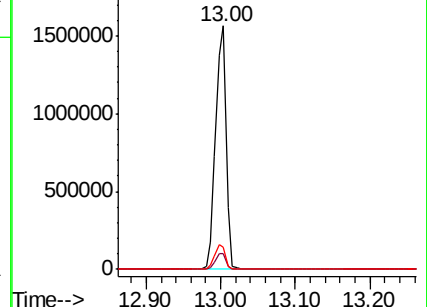
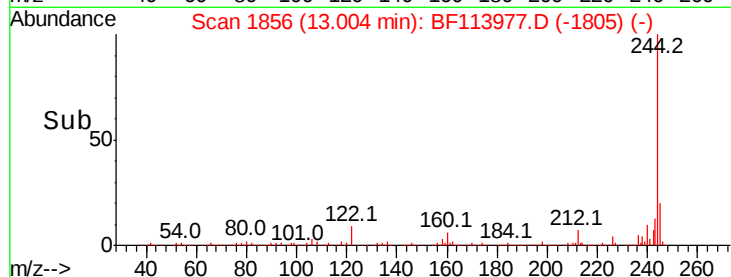
122 9.0 7.6 11.4



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

Perylene-d12

Concen: 20.000 ng

RT: 15.56 min Scan# 2291

Delta R.T. -0.01 min

Lab File: BF113977.D

Acq: 25 Apr 2019 15:12

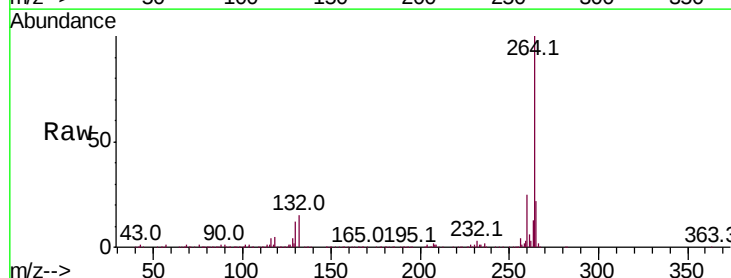
Tgt Ion:264 Resp: 446076

Ion Ratio Lower Upper

264 100

260 24.6 18.9 28.3

265 21.6 17.3 25.9



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

