

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110618\
 Data File : BF110544.D
 Acq On : 7 Nov 2018 5:45
 Operator : JU/SJ
 Sample : J5735-05 5X
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 12B

Quant Time: Nov 07 13:46:44 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 01 16:06:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	68802	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	269452	20.00	ng	0.00
39) Acenaphthene-d10	10.00	164	106140	20.00	ng	0.00
64) Phenanthrene-d10	11.49	188	189297	20.00	ng	0.00
76) Chrysene-d12	14.14	240	128204	20.00	ng	0.00
87) Perylene-d12	15.67	264	94061	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	83179	19.69	ng	0.00
7) Phenol-d6	6.57	99	108229	20.03	ng	0.00
23) Nitrobenzene-d5	7.52	82	52828	11.63	ng	0.00
42) 2,4,6-Tribromophenol	10.79	330	17443	16.59	ng	0.00
45) 2-Fluorobiphenyl	9.32	172	114771	16.98	ng	0.00
79) Terphenyl-d14	13.07	244	98266	15.94	ng	0.00

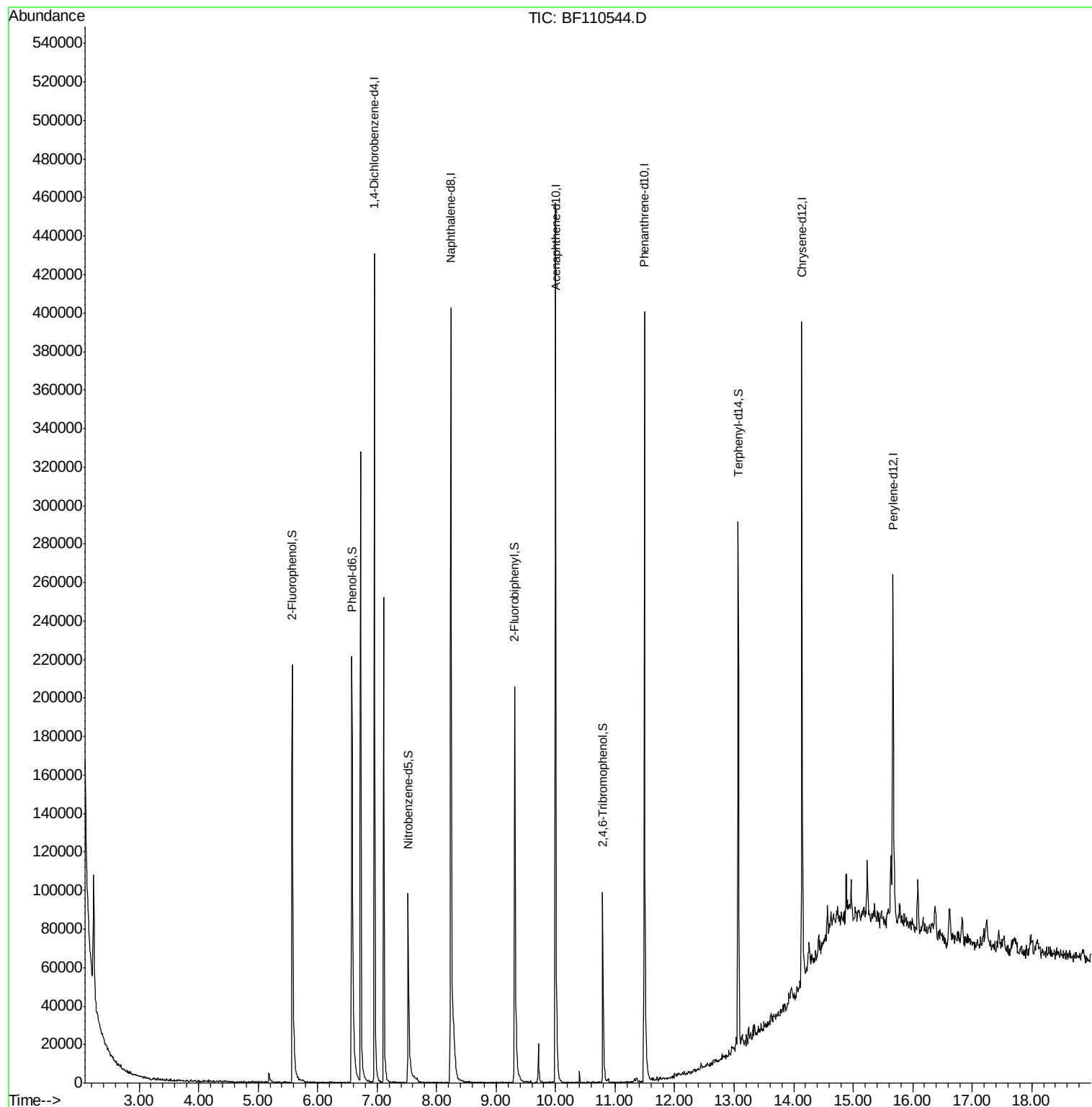
Target Compounds Qvalue

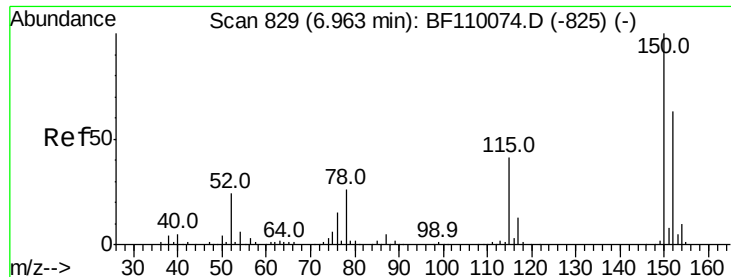
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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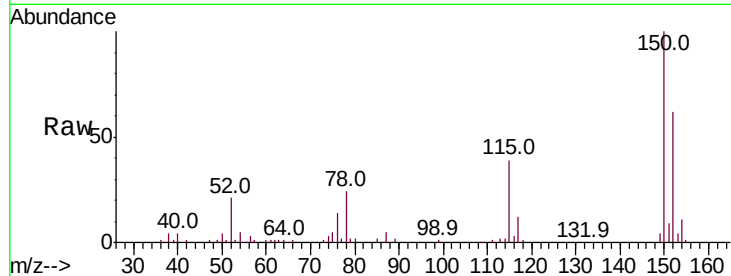


#1

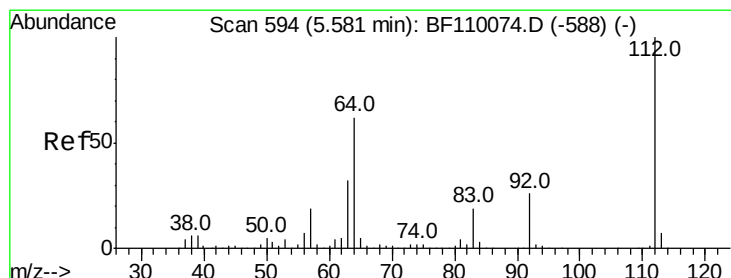
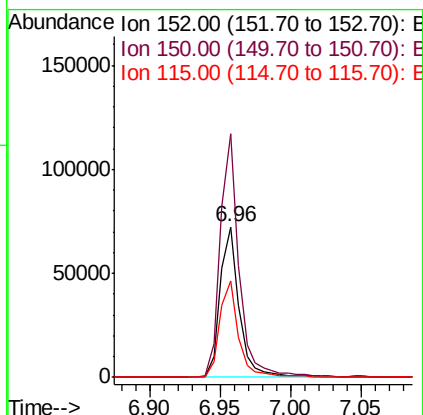
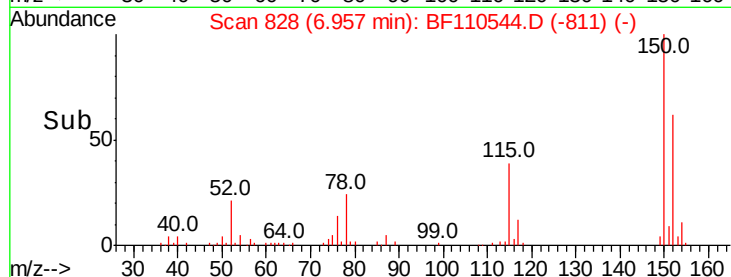
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 828
Delta R.T. 0.00 min
Lab File: BF110544.D
Acq: 7 Nov 2018 5:45

Instrument :
BNA_F
ClientSampleId :
12B

Tot Ion:152 Resp: 68802
Ion Ratio Lower Upper
152 100
150 162.0 122.7 184.1
115 63.9 49.1 73.7



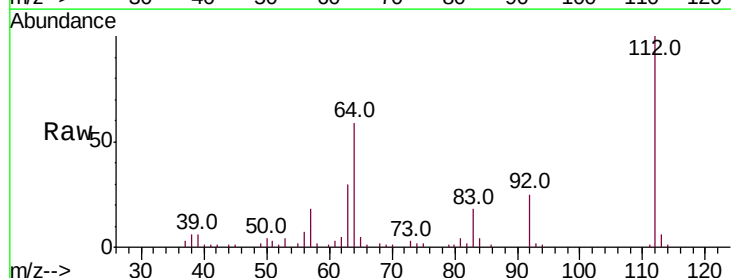
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



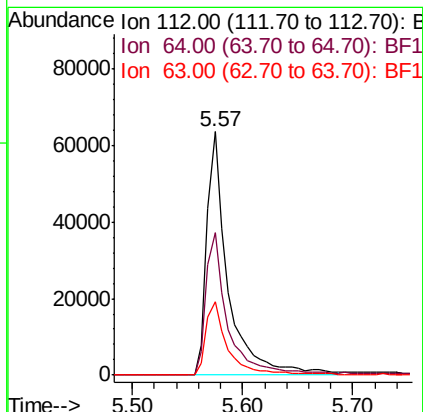
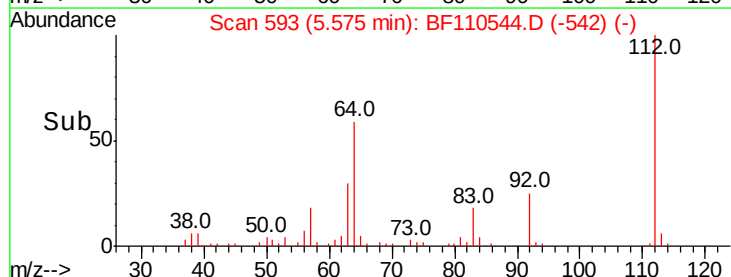
#5

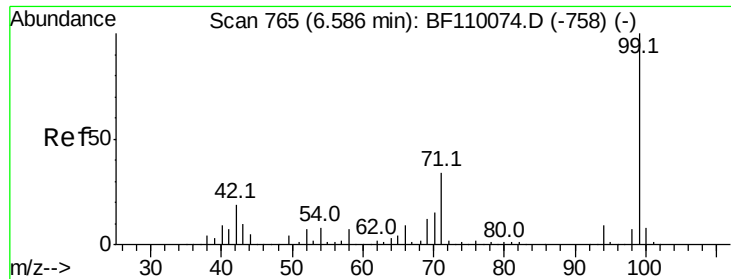
2-Fluorophenol
Concen: 19.687 ng
RT: 5.57 min Scan# 593
Delta R.T. 0.00 min
Lab File: BF110544.D
Acq: 7 Nov 2018 5:45

Tgt Ion:112 Resp: 83179
Ion Ratio Lower Upper
112 100
64 58.7 44.1 66.1
63 30.2 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: 20.027 ng

RT: 6.57 min Scan# 763

Delta R.T. -0.01 min

Lab File: BF110544.D

Acq: 7 Nov 2018 5:45

Instrument :

BNA_F

ClientSampleId :

12B

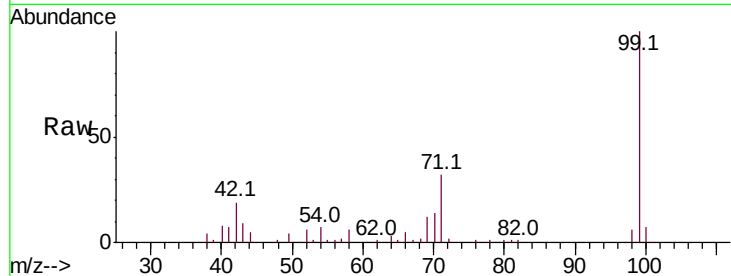
Tot Ion: 99 Resp: 108229

Ion Ratio Lower Upper

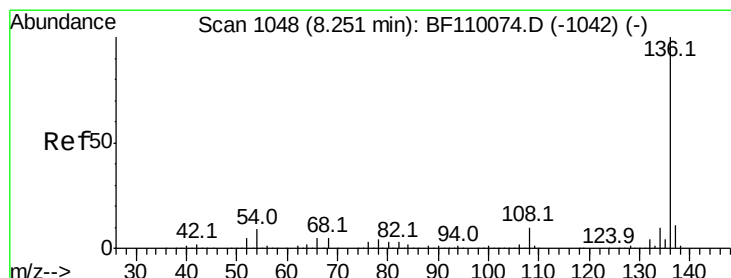
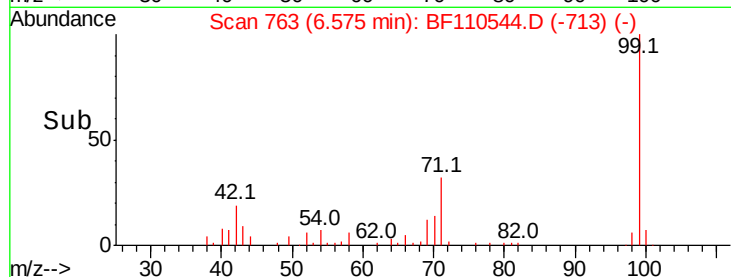
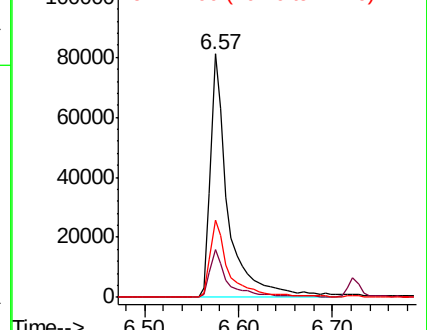
99 100

42 19.5 15.8 23.6

71 31.9 28.0 42.0



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: 8.24 min Scan# 1046

Delta R.T. 0.00 min

Lab File: BF110544.D

Acq: 7 Nov 2018 5:45

Tgt Ion: 136 Resp: 269452

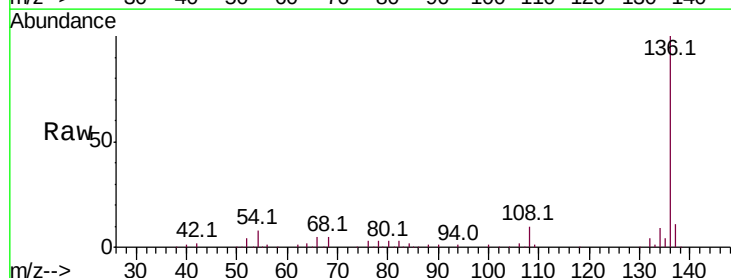
Ion Ratio Lower Upper

136 100

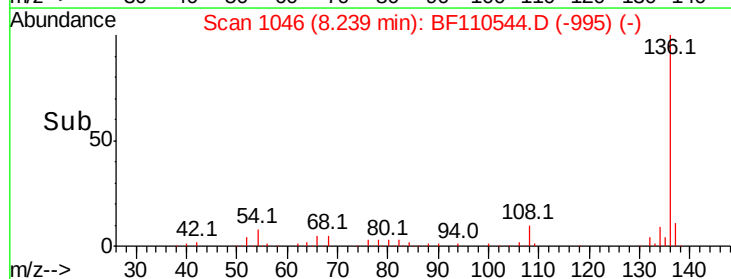
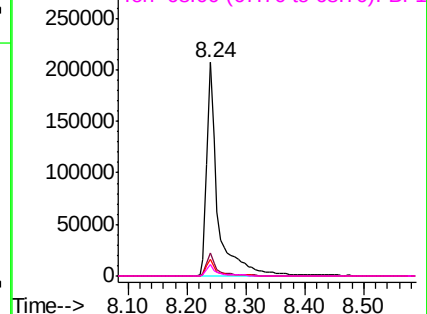
137 11.0 8.8 13.2

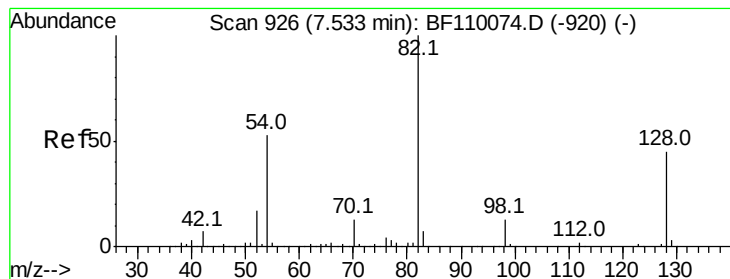
54 7.7 5.4 8.2

68 5.4 4.2 6.2



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: 11.629 ng

RT: 7.52 min Scan# 924

Delta R.T. 0.00 min

Lab File: BF110544.D

Acq: 7 Nov 2018 5:45

Instrument :

BNA_F

ClientSampled :

12B

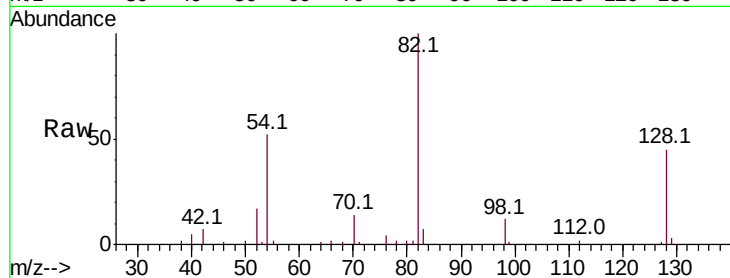
Tot Ion: 82 Resp: 52828

Ion Ratio Lower Upper

82 100

128 45.1 34.2 51.2

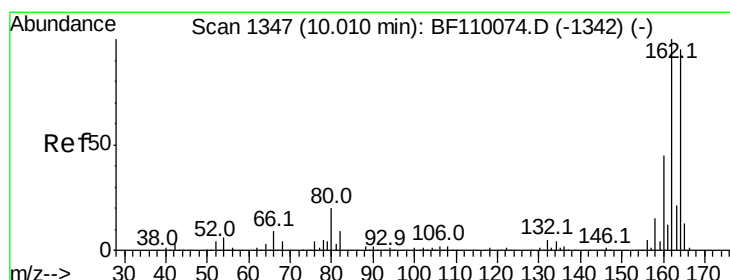
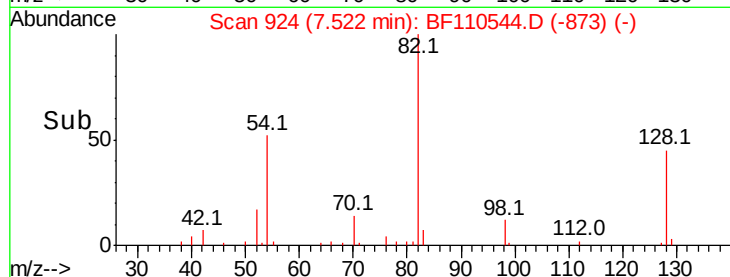
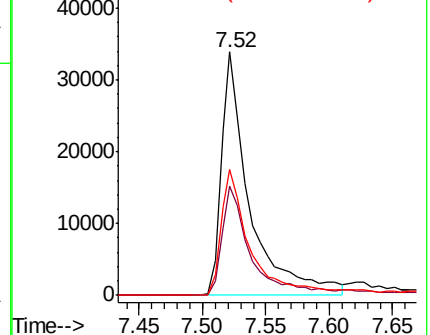
54 51.6 38.6 58.0



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: 10.00 min Scan# 1345

Delta R.T. 0.00 min

Lab File: BF110544.D

Acq: 7 Nov 2018 5:45

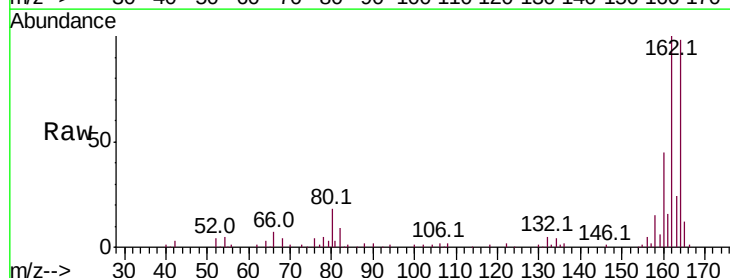
Tgt Ion:164 Resp: 106140

Ion Ratio Lower Upper

164 100

162 101.9 83.0 124.6

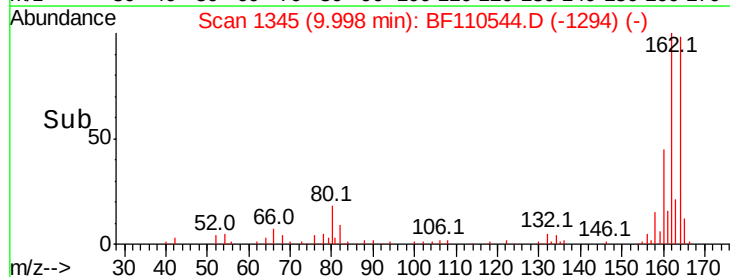
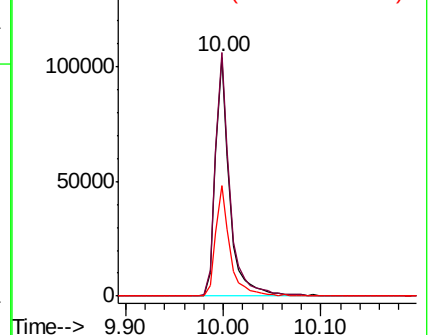
160 46.0 37.0 55.6

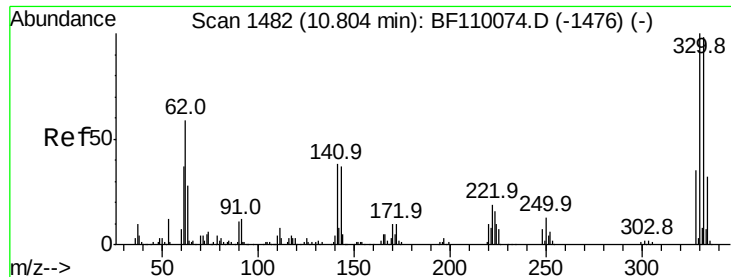


Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1

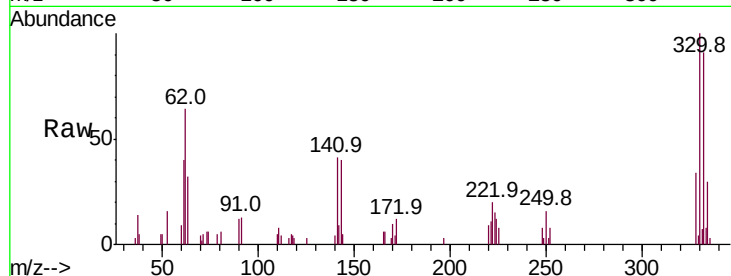




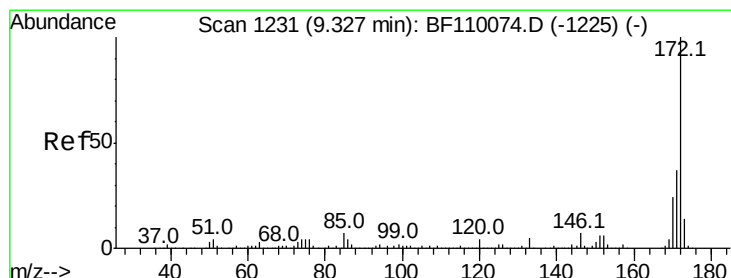
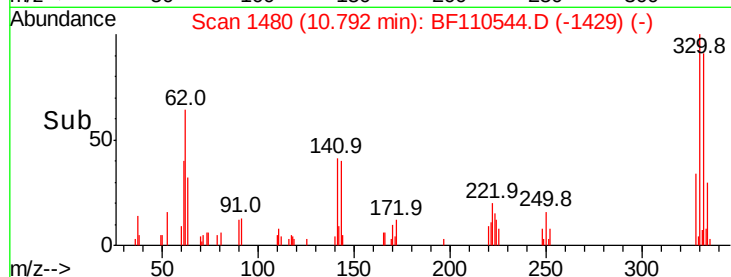
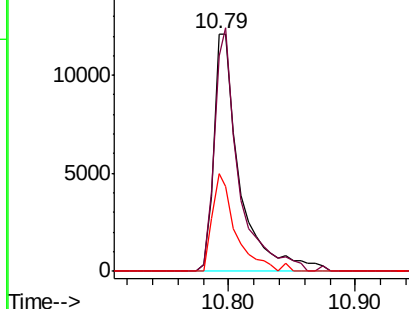
#42
 2,4,6-Tribromophenol
 Concen: 16.590 ng
 RT: 10.79 min Scan# 1480
 Delta R.T. 0.00 min
 Lab File: BF110544.D
 Acq: 7 Nov 2018 5:45

Instrument :
 BNA_F
 ClientSampleId :
 12B

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.7	77.1	115.7
141	36.2	27.0	40.4

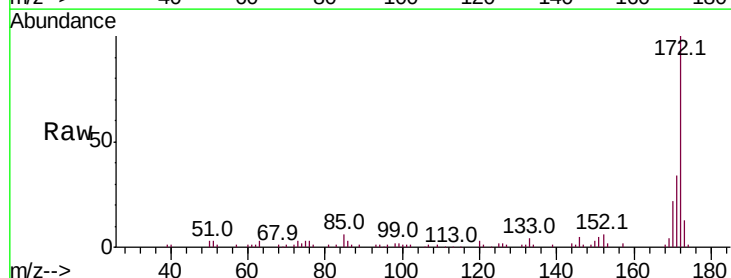


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

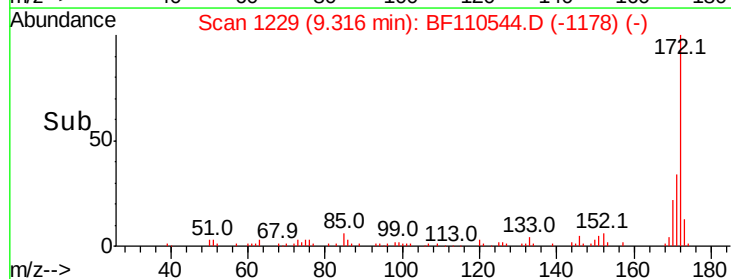
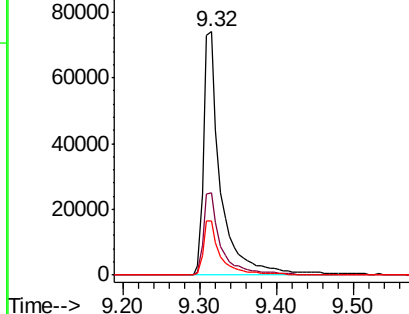


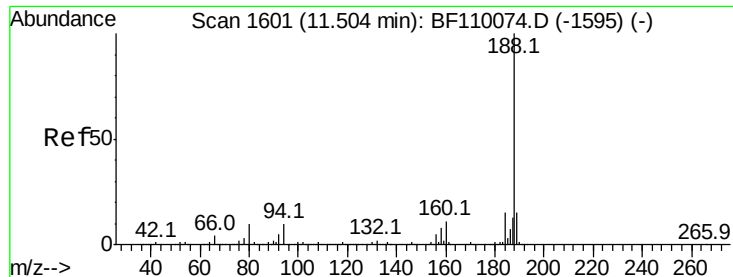
#45
 2-Fluorobiphenyl
 Concen: 16.979 ng
 RT: 9.32 min Scan# 1229
 Delta R.T. 0.00 min
 Lab File: BF110544.D
 Acq: 7 Nov 2018 5:45

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.0	28.6	43.0
170	22.2	19.7	29.5



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: 11.49 min Scan# 1599

Delta R.T. 0.00 min

Lab File: BF110544.D

Acq: 7 Nov 2018 5:45

Instrument :

BNA_F

ClientSampleId :

12B

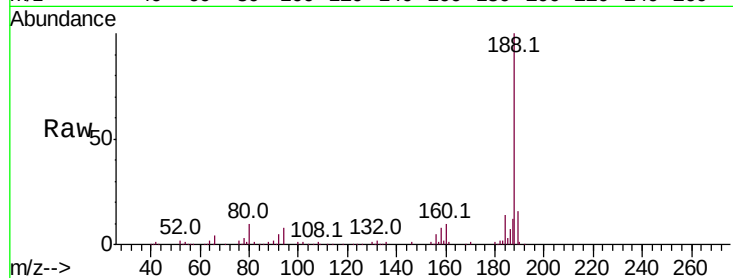
Tot Ion:188 Resp: 189297

Ion Ratio Lower Upper

188 100

94 8.4 7.2 10.8

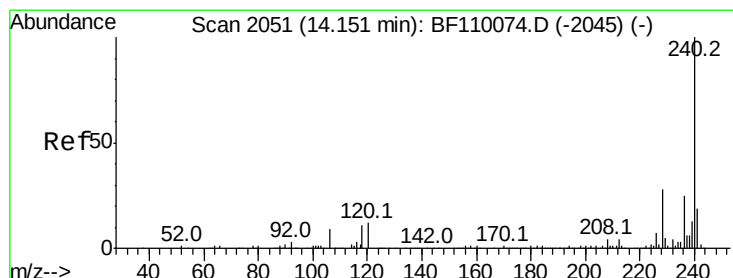
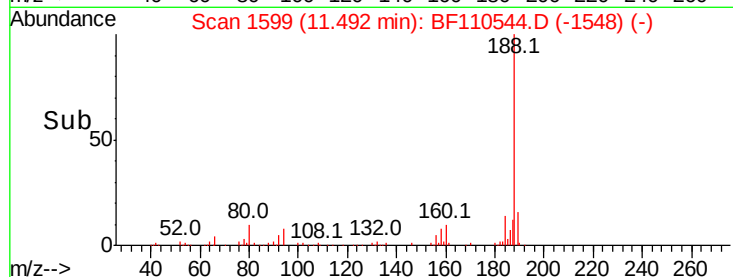
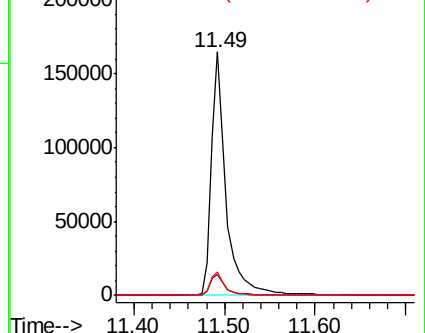
80 9.5 7.9 11.9



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: 14.14 min Scan# 2049

Delta R.T. 0.00 min

Lab File: BF110544.D

Acq: 7 Nov 2018 5:45

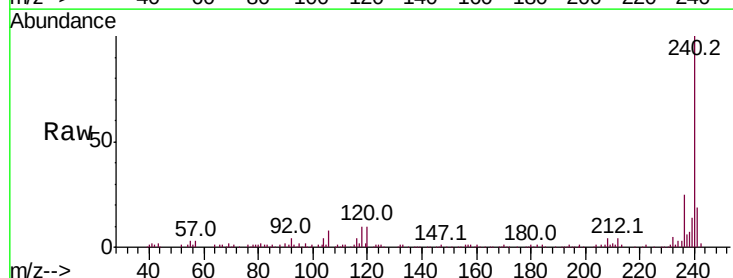
Tgt Ion:240 Resp: 128204

Ion Ratio Lower Upper

240 100

120 10.4 8.3 12.5

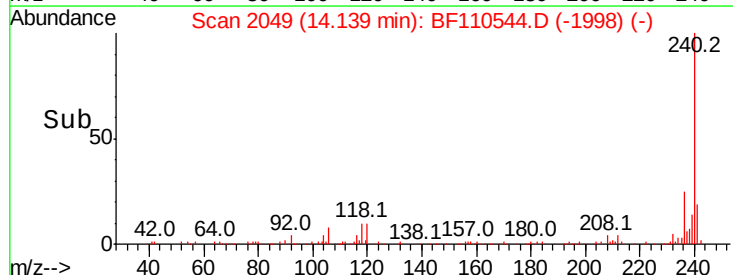
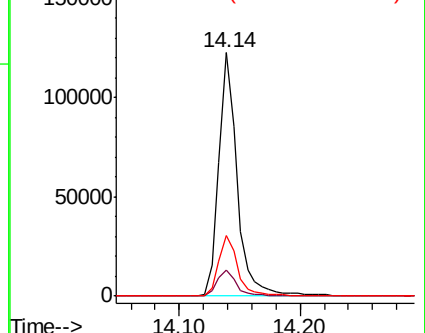
236 25.0 21.2 31.8

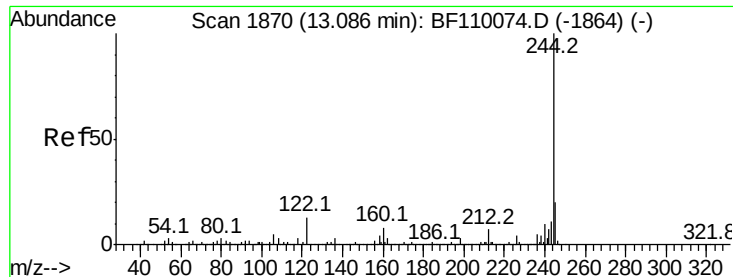


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 15.941 ng

RT: 13.07 min Scan# 1867

Delta R.T. -0.01 min

Lab File: BF110544.D

Acq: 7 Nov 2018 5:45

Instrument :

BNA_F

ClientSampleId :

12B

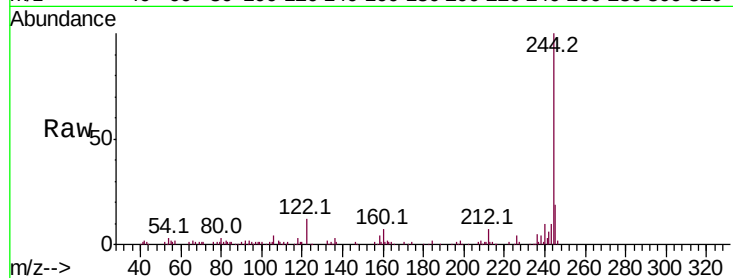
Tot Ion:244 Resp: 98266

Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.8

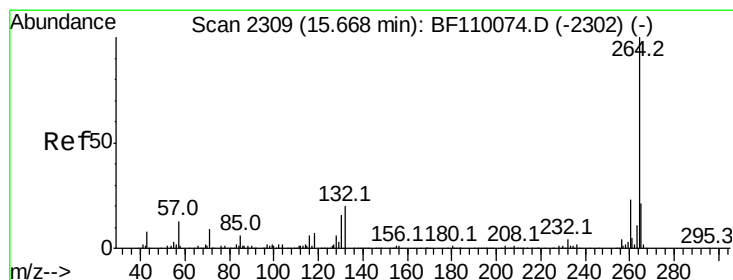
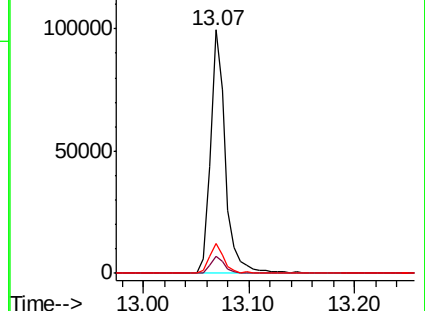
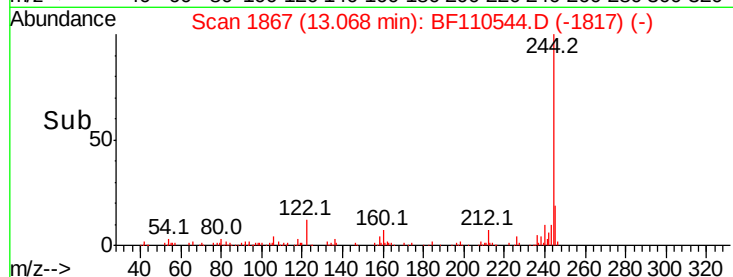
122 12.2 8.7 13.1



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: 15.67 min Scan# 2309

Delta R.T. 0.01 min

Lab File: BF110544.D

Acq: 7 Nov 2018 5:45

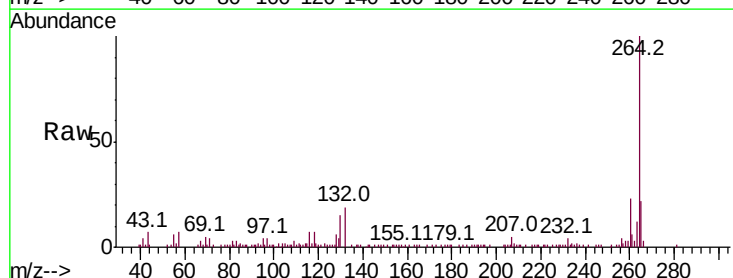
Tgt Ion:264 Resp: 94061

Ion Ratio Lower Upper

264 100

260 23.0 18.7 28.1

265 22.2 16.7 25.1



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

