

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112018\
 Data File : BF110888.D
 Acq On : 20 Nov 2018 12:26
 Operator : JU/SJ
 Sample : PB114904BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB114904BL

Quant Time: Nov 20 13:23:22 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 13 12:43:10 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	75098	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	311412	20.00	ng	0.00
39) Acenaphthene-d10	9.98	164	152730	20.00	ng	-0.01
64) Phenanthrene-d10	11.48	188	298999	20.00	ng	0.00
76) Chrysene-d12	14.13	240	227457	20.00	ng	0.00
87) Perylene-d12	15.67	264	162346	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	579685	125.38	ng	0.00
7) Phenol-d6	6.57	99	727364	123.03	ng	0.00
23) Nitrobenzene-d5	7.50	82	469110	86.75	ng	-0.01
42) 2,4,6-Tribromophenol	10.78	330	196124	127.44	ng	0.00
45) 2-Fluorobiphenyl	9.30	172	894658	83.66	ng	0.00
79) Terphenyl-d14	13.06	244	932584	76.78	ng	0.00

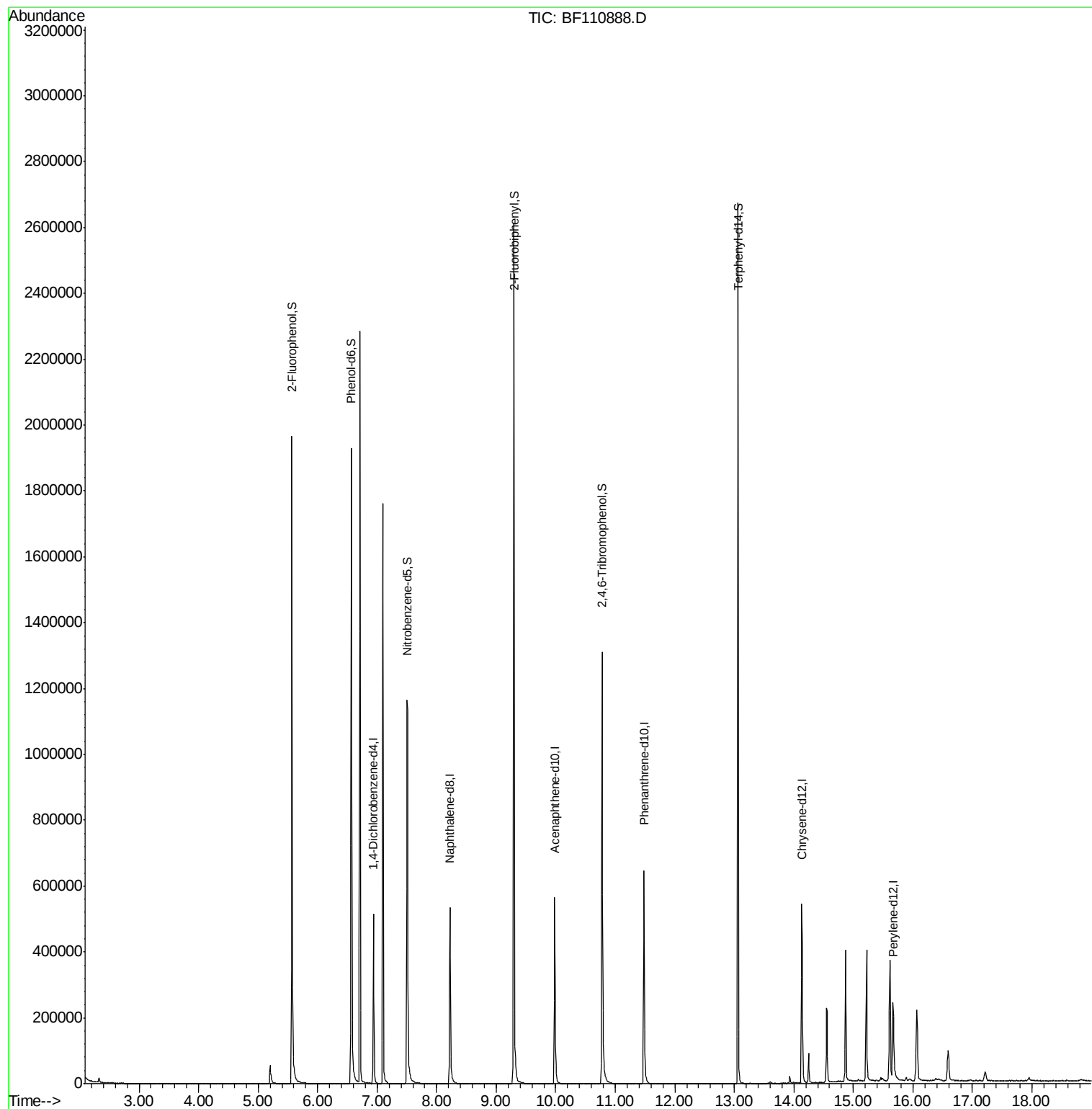
Target Compounds Qvalue

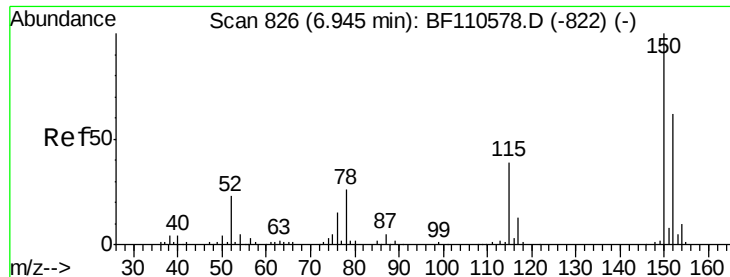
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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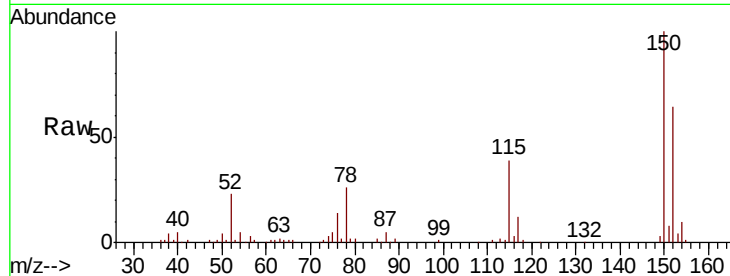


#1

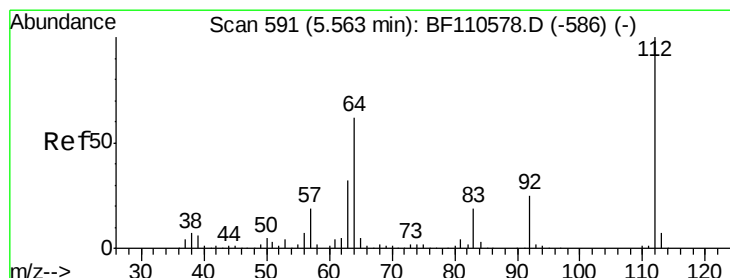
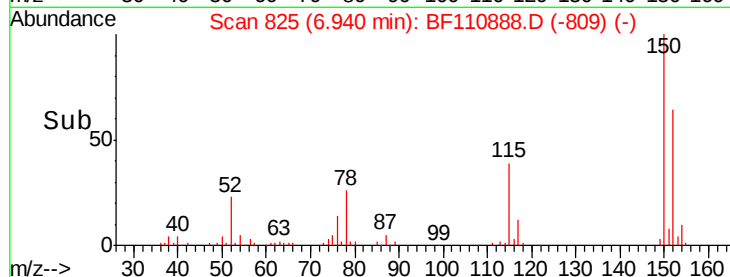
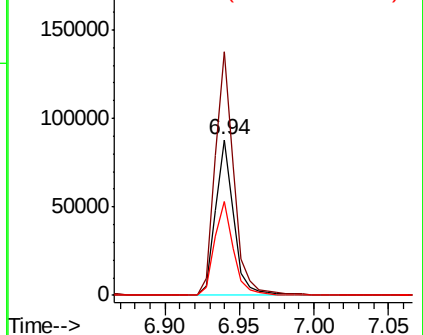
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.94 min Scan# 825
Delta R.T. -0.01 min
Lab File: BF110888.D
Acq: 20 Nov 2018 12:26

Instrument :
BNA_F
ClientSampleId :
PB114904BL

Tot Ion:152 Resp: 75098
Ion Ratio Lower Upper
152 100
150 156.3 122.7 184.1
115 60.5 49.1 73.7



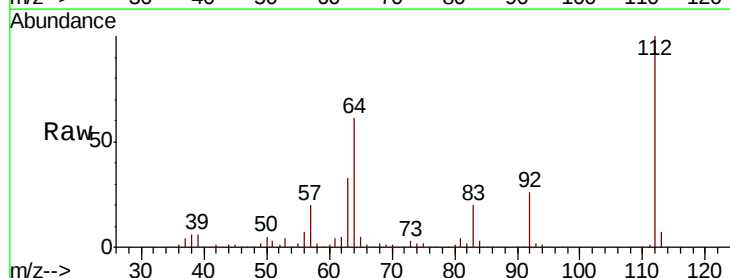
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



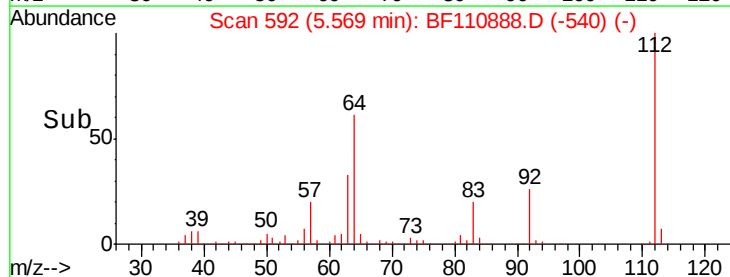
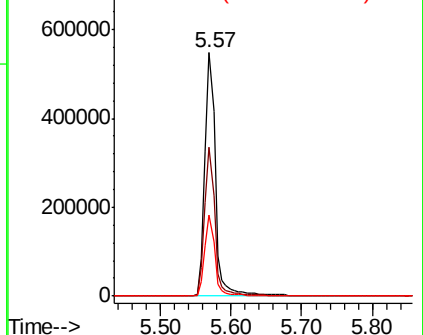
#5

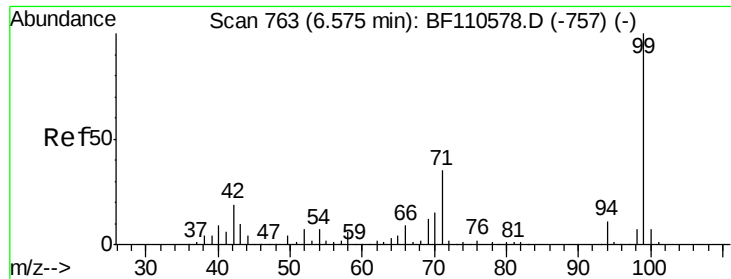
2-Fluorophenol
Concen: 125.382 ng
RT: 5.57 min Scan# 592
Delta R.T. 0.01 min
Lab File: BF110888.D
Acq: 20 Nov 2018 12:26

Tgt Ion:112 Resp: 579685
Ion Ratio Lower Upper
112 100
64 61.4 44.1 66.1
63 33.2 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: 123.028 ng

RT: 6.57 min Scan# 762

Delta R.T. -0.01 min

Lab File: BF110888.D

Acq: 20 Nov 2018 12:26

Instrument :

BNA_F

ClientSampleId :

PB114904BL

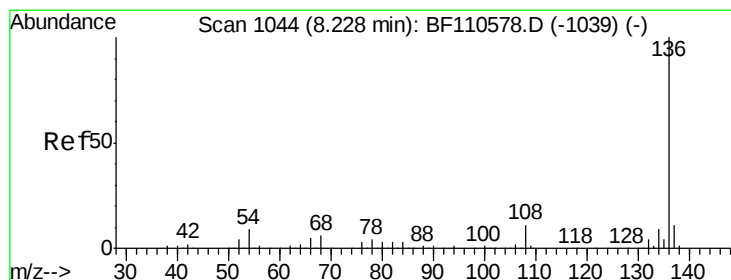
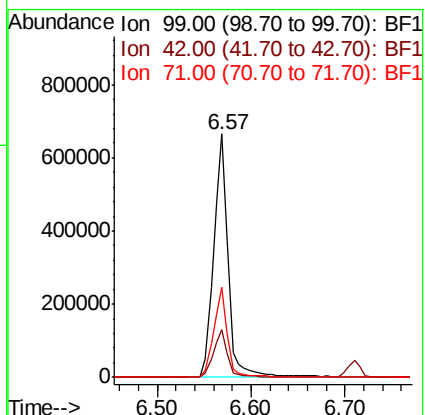
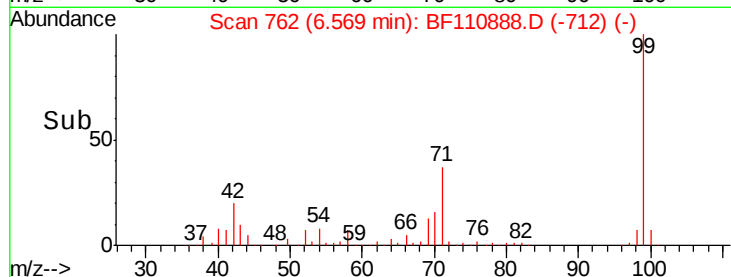
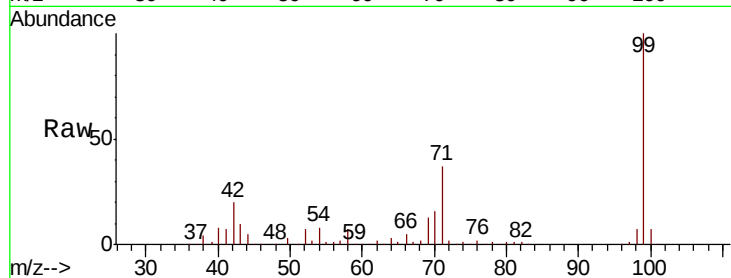
Tot Ion: 99 Resp: 727364

Ion Ratio Lower Upper

99 100

42 19.8 15.8 23.6

71 37.2 28.0 42.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.22 min Scan# 1043

Delta R.T. -0.01 min

Lab File: BF110888.D

Acq: 20 Nov 2018 12:26

Tgt Ion: 136 Resp: 311412

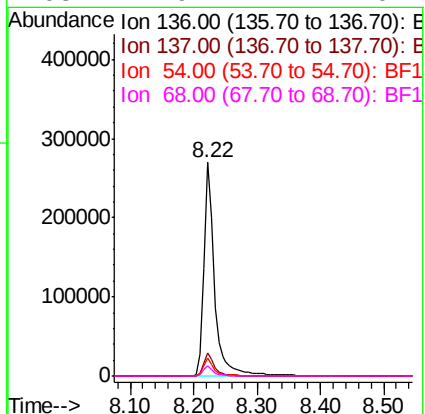
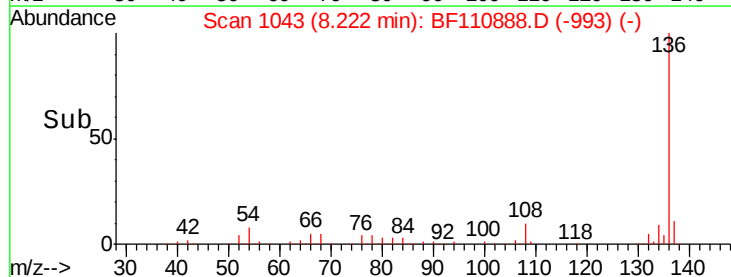
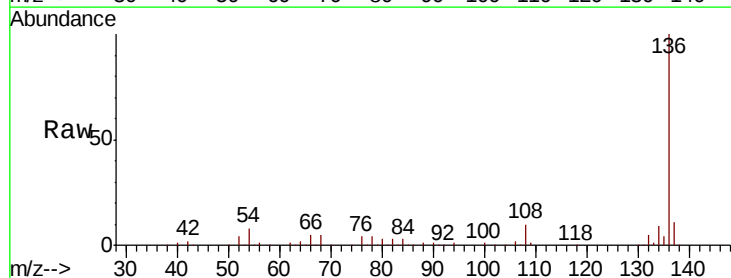
Ion Ratio Lower Upper

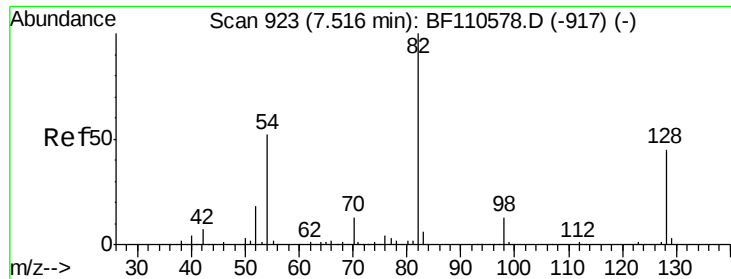
136 100

137 11.1 8.8 13.2

54 8.2 5.4 8.2#

68 4.9 4.2 6.2

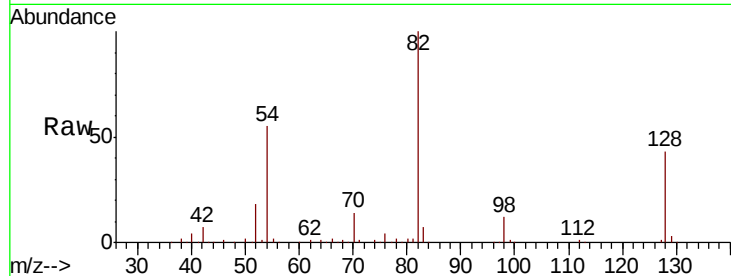




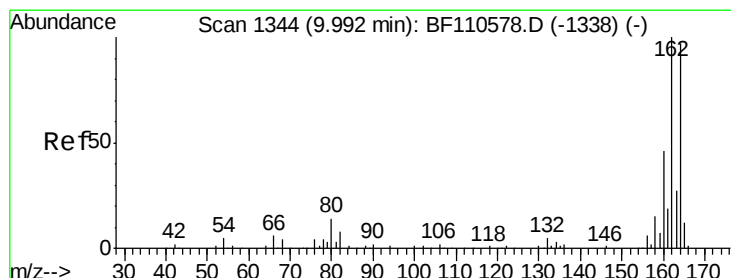
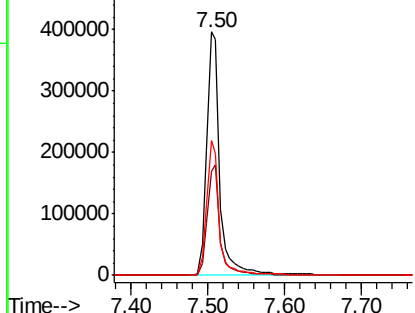
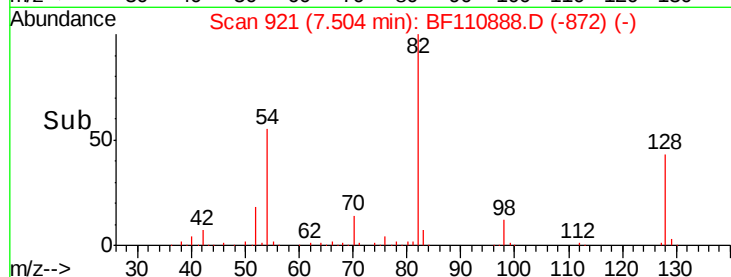
#23
 Nitrobenzene-d5
 Concen: 86.753 ng
 RT: 7.50 min Scan# 921
 Delta R.T. -0.01 min
 Lab File: BF110888.D
 Acq: 20 Nov 2018 12:26

Instrument :
 BNA_F
 ClientSampleId :
 PB114904BL

Tot Ion: 82 Resp: 469110
 Ion Ratio Lower Upper
 82 100
 128 42.5 34.2 51.2
 54 55.2 38.6 58.0

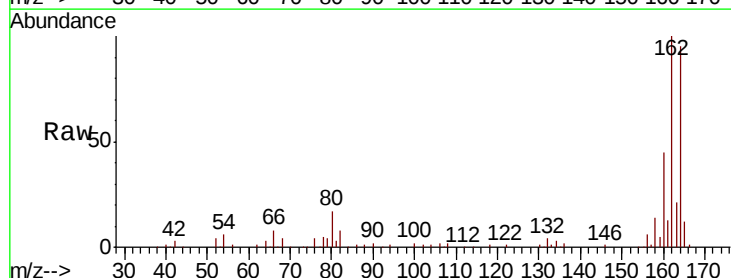


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF1

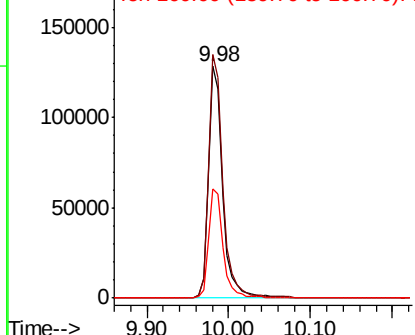
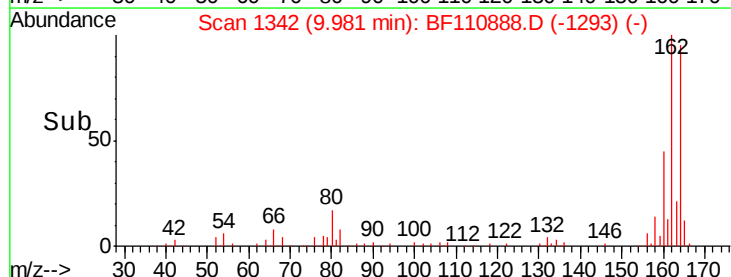


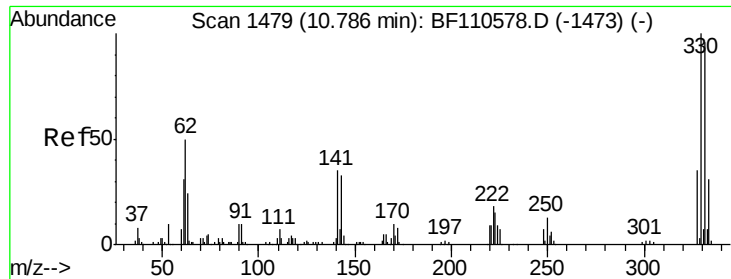
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.98 min Scan# 1342
 Delta R.T. -0.01 min
 Lab File: BF110888.D
 Acq: 20 Nov 2018 12:26

Tgt Ion: 164 Resp: 152730
 Ion Ratio Lower Upper
 164 100
 162 105.0 83.0 124.6
 160 47.0 37.0 55.6



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: 127.441 ng

RT: 10.78 min Scan# 1478

Delta R.T. -0.01 min

Lab File: BF110888.D

Acq: 20 Nov 2018 12:26

Instrument :

BNA_F

ClientSampleId :

PB114904BL

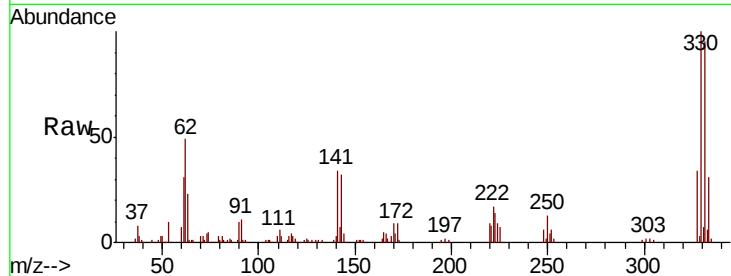
Tot Ion:330 Resp: 196124

Ion Ratio Lower Upper

330 100

332 94.1 77.1 115.7

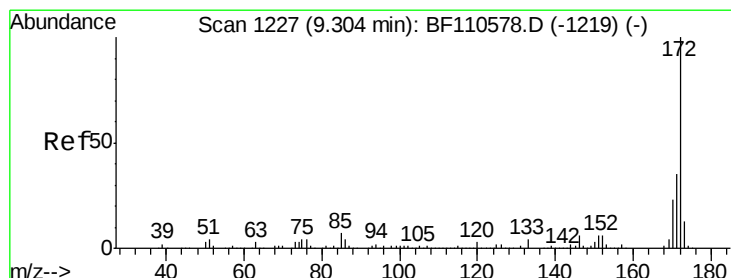
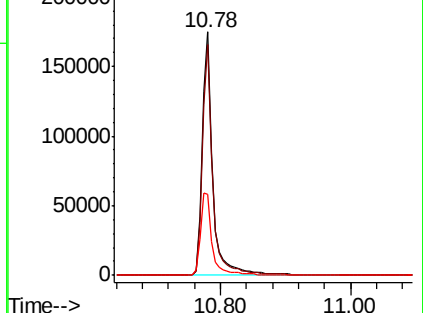
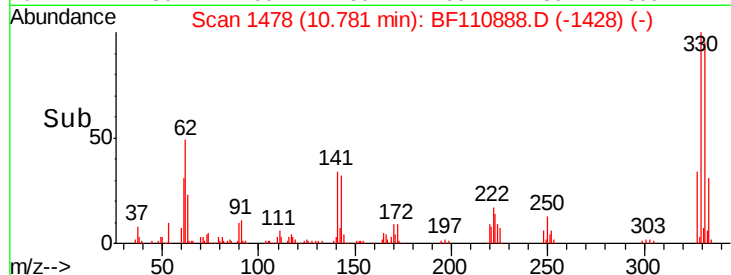
141 37.1 27.0 40.4



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: 83.660 ng

RT: 9.30 min Scan# 1226

Delta R.T. -0.01 min

Lab File: BF110888.D

Acq: 20 Nov 2018 12:26

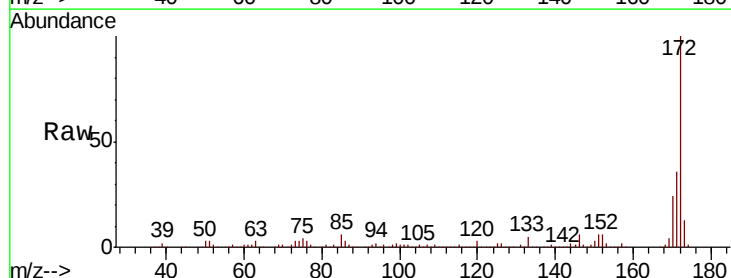
Tgt Ion:172 Resp: 894658

Ion Ratio Lower Upper

172 100

171 36.2 28.6 43.0

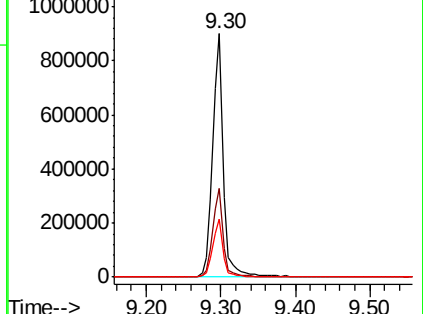
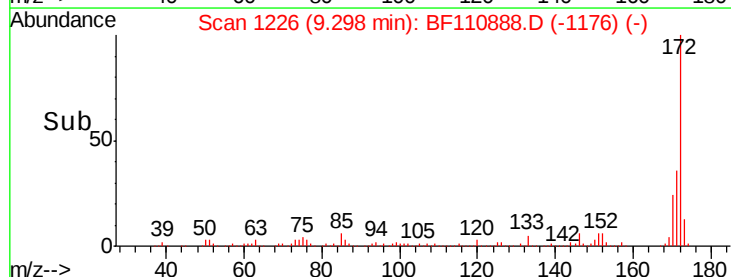
170 23.9 19.7 29.5

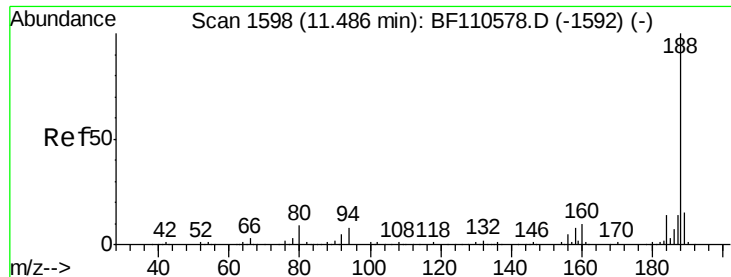


Abundance Ion 172.00 (171.70 to 172.70): E

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: 11.48 min Scan# 1597

Delta R.T. -0.01 min

Lab File: BF110888.D

Acq: 20 Nov 2018 12:26

Instrument :

BNA_F

ClientSampleId :

PB114904BL

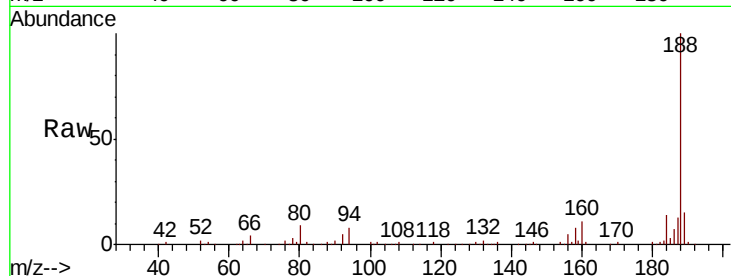
Tot Ion:188 Resp: 298999

Ion Ratio Lower Upper

188 100

94 8.4 7.2 10.8

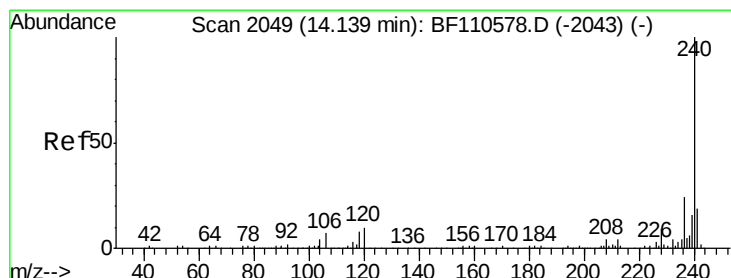
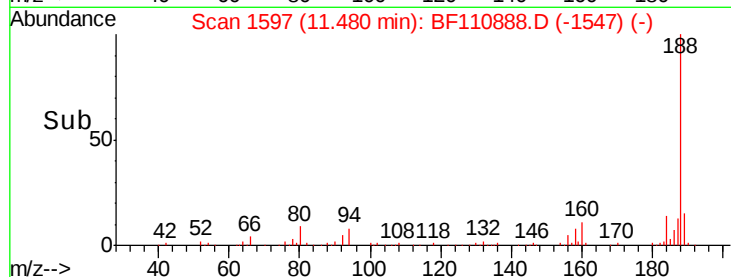
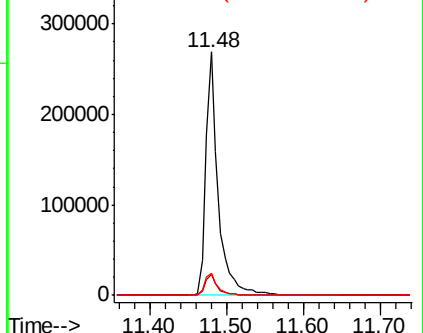
80 8.9 7.9 11.9



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: 14.13 min Scan# 2048

Delta R.T. -0.01 min

Lab File: BF110888.D

Acq: 20 Nov 2018 12:26

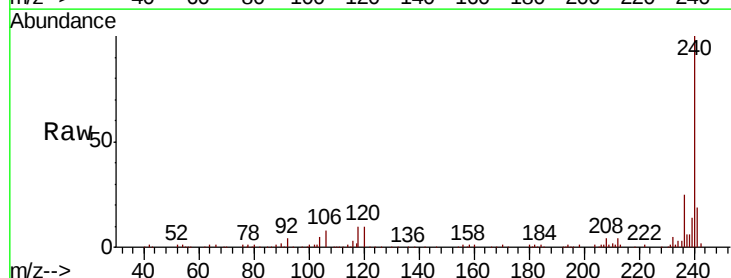
Tgt Ion:240 Resp: 227457

Ion Ratio Lower Upper

240 100

120 10.4 8.3 12.5

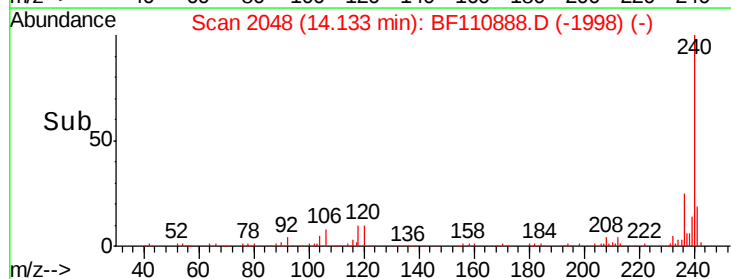
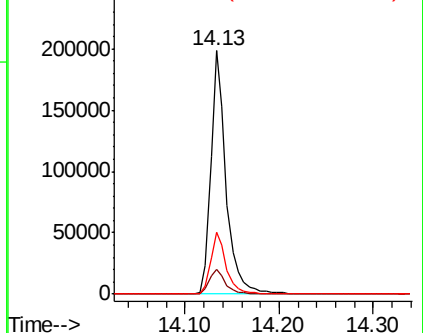
236 25.4 21.2 31.8

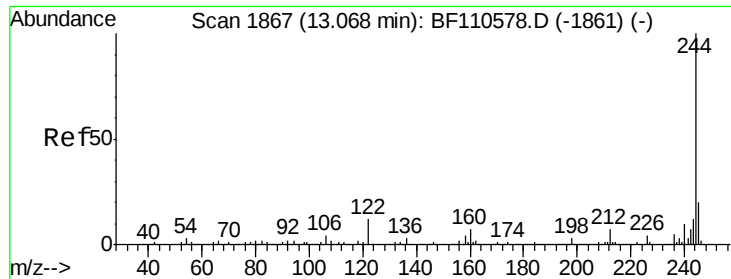


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 76.784 ng

RT: 13.06 min Scan# 1866

Delta R.T. -0.01 min

Lab File: BF110888.D

Acq: 20 Nov 2018 12:26

Instrument :

BNA_F

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PB114904BL

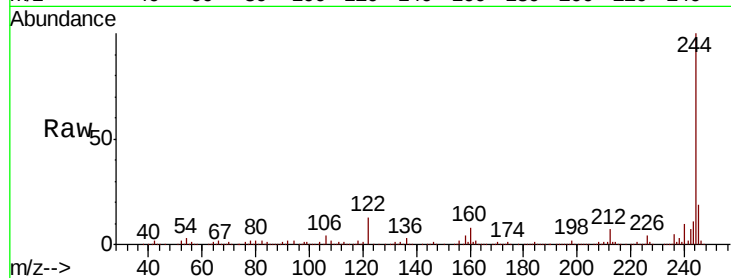
Tot Ion:244 Resp: 932584

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.8

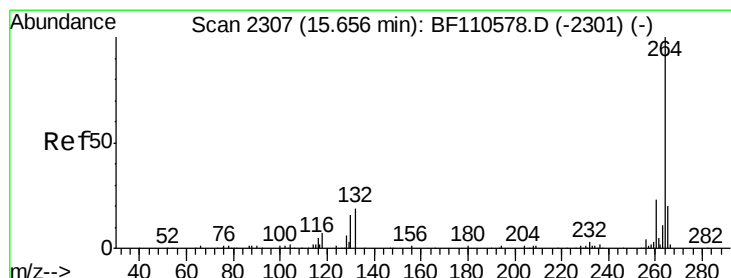
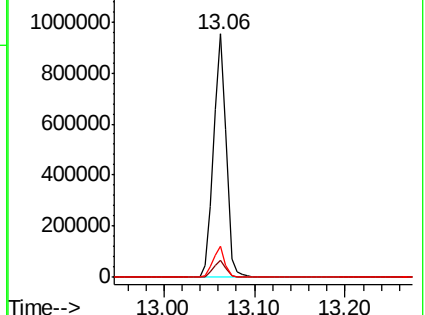
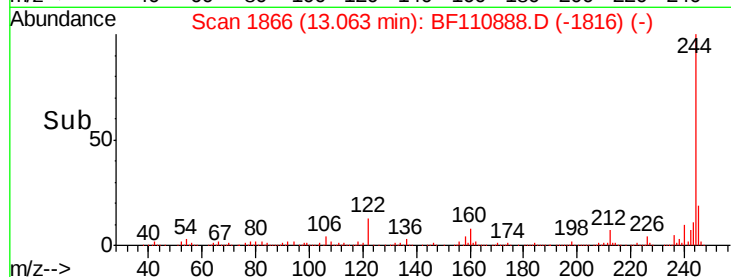
122 12.8 8.7 13.1



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: BF110888.D

Acq: 20 Nov 2018 12:26

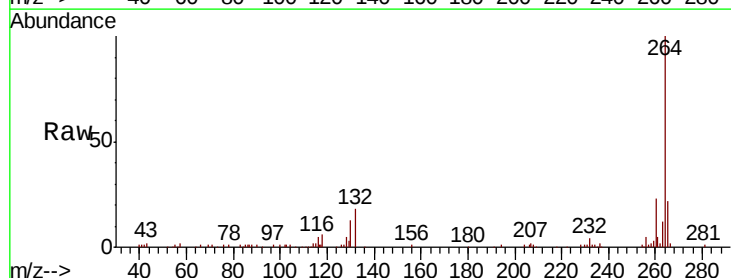
Tgt Ion:264 Resp: 162346

Ion Ratio Lower Upper

264 100

260 23.1 18.7 28.1

265 21.8 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

