

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110518\
 Data File : BF110486.D
 Acq On : 6 Nov 2018 1:46
 Operator : JU/SJ
 Sample : PB114474BL
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB114474BL

Quant Time: Nov 06 05:13:52 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	6.95	152	92360	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	371737	20.00	ng	0.00
39) Acenaphthene-d10	10.00	164	162562	20.00	ng	0.00
64) Phenanthrene-d10	11.49	188	250134	20.00	ng	0.00
76) Chrysene-d12	14.13	240	168075	20.00	ng	0.00
87) Perylene-d12	15.66	264	129732	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	381784	67.31	ng	0.00
7) Phenol-d6	6.57	99	479848	66.15	ng	0.00
23) Nitrobenzene-d5	7.52	82	453256	72.32	ng	0.00
42) 2,4,6-Tribromophenol	10.79	330	83228	51.69	ng	0.00
45) 2-Fluorobiphenyl	9.31	172	852546	82.35	ng	0.00
79) Terphenyl-d14	13.07	244	584132	72.28	ng	0.00

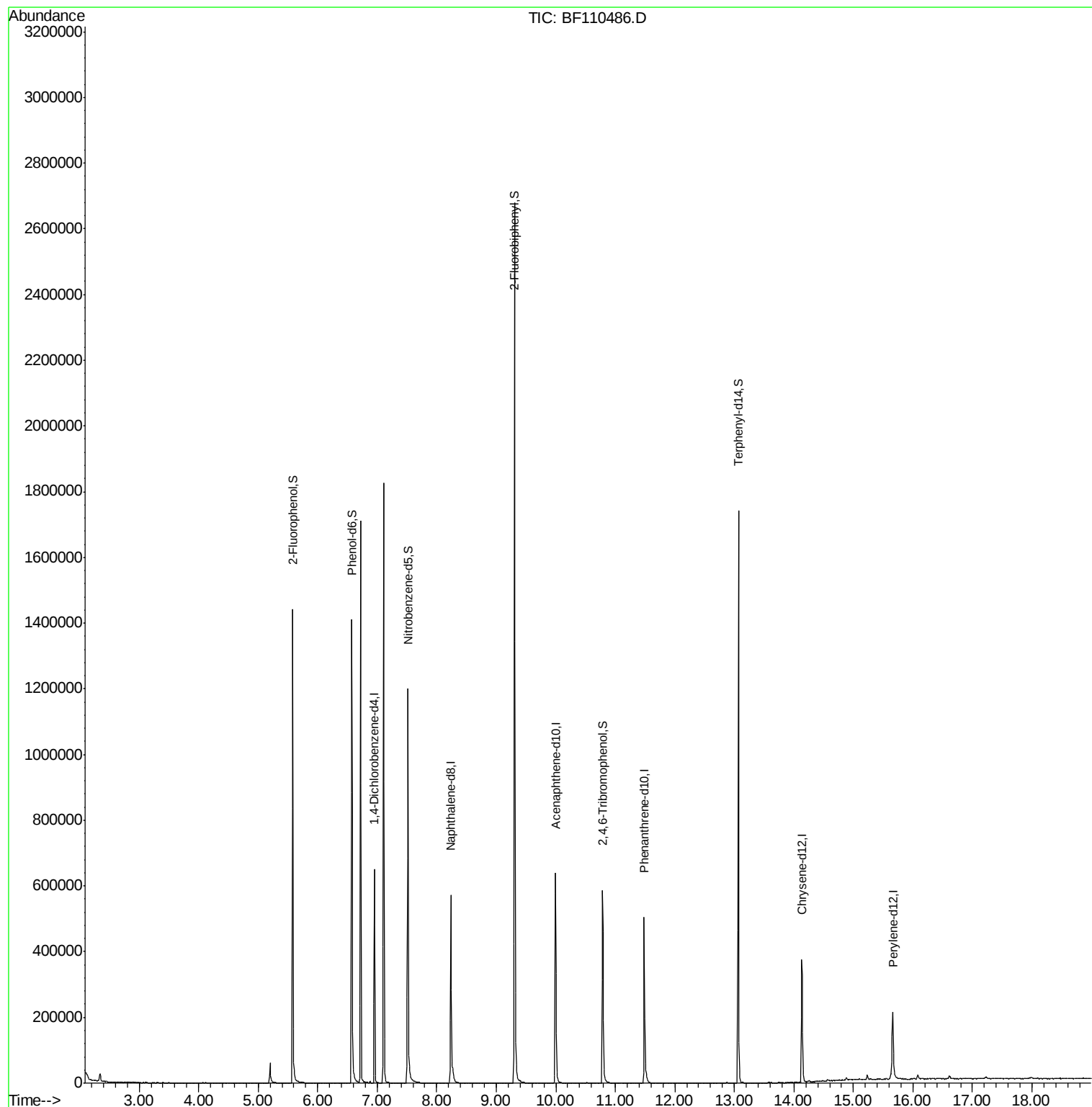
Target Compounds Qvalue

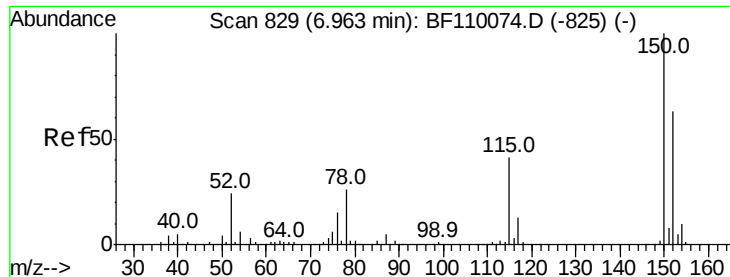
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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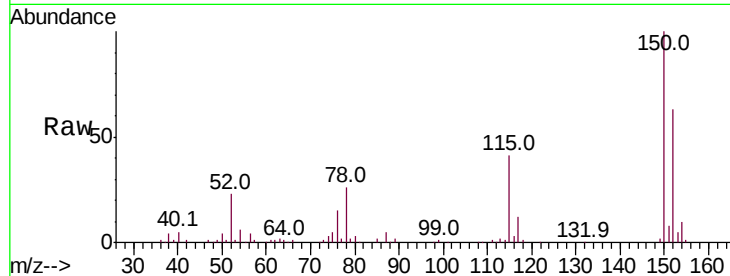


#1

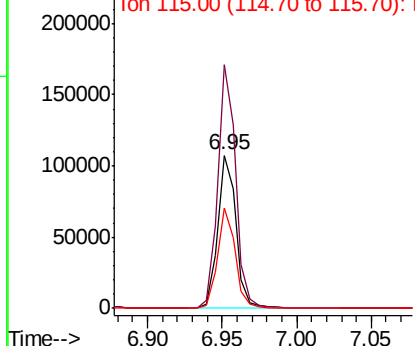
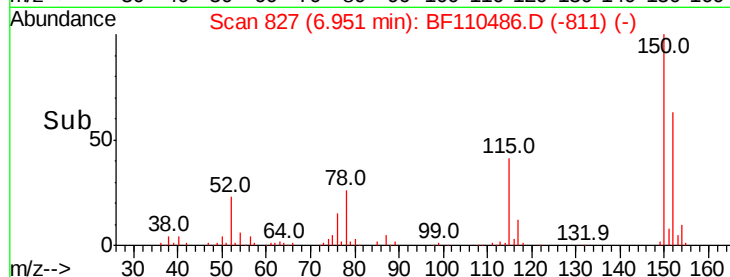
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 827
Delta R.T. -0.01 min
Lab File: BF110486.D
Acq: 6 Nov 2018 1:46

Instrument :
BNA_F
ClientSampleId :
PB114474BL

Tot Ion:152 Resp: 92360
Ion Ratio Lower Upper
152 100
150 159.4 122.7 184.1
115 66.0 49.1 73.7



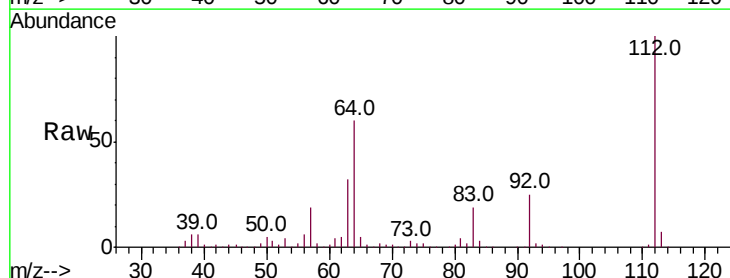
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



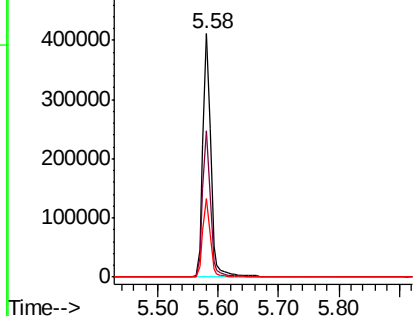
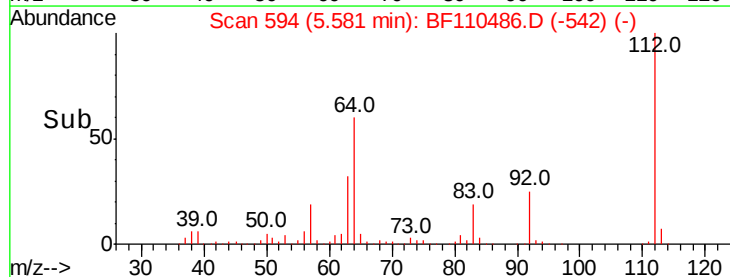
#5

2-Fluorophenol
Concen: 67.315 ng
RT: 5.58 min Scan# 594
Delta R.T. 0.01 min
Lab File: BF110486.D
Acq: 6 Nov 2018 1:46

Tgt Ion:112 Resp: 381784
Ion Ratio Lower Upper
112 100
64 60.4 44.1 66.1
63 32.0 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: 66.145 ng

RT: 6.57 min Scan# 763

Delta R.T. -0.01 min

Lab File: BF110486.D

Acq: 6 Nov 2018 1:46

Instrument :

BNA_F

ClientSampleId :

PB114474BL

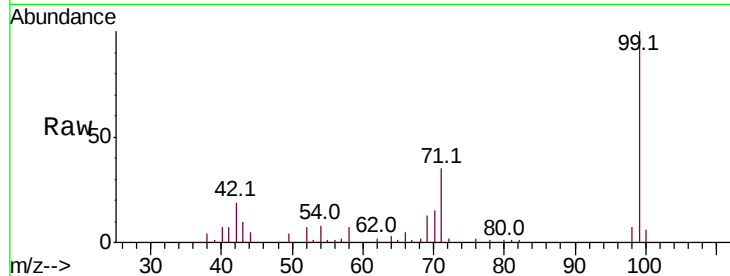
Tot Ion: 99 Resp: 479848

Ion Ratio Lower Upper

99 100

42 19.3 15.8 23.6

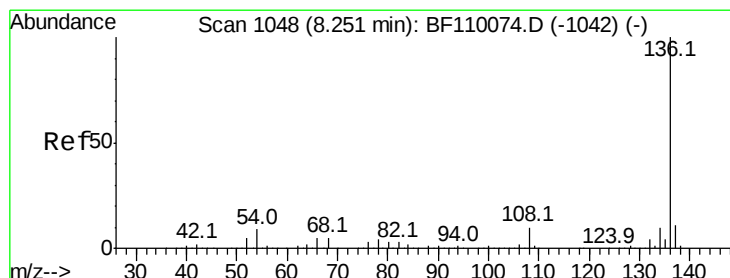
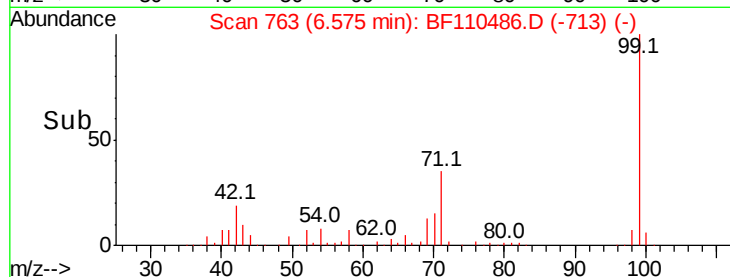
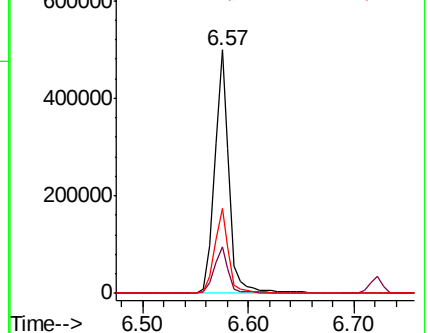
71 35.0 28.0 42.0



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: BF110486.D

Acq: 6 Nov 2018 1:46

Tgt Ion: 136 Resp: 371737

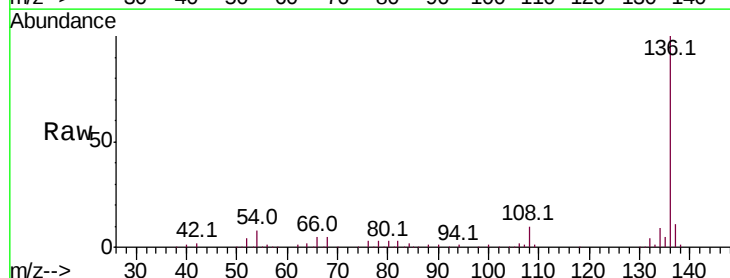
Ion Ratio Lower Upper

136 100

137 10.7 8.8 13.2

54 7.7 5.4 8.2

68 5.1 4.2 6.2

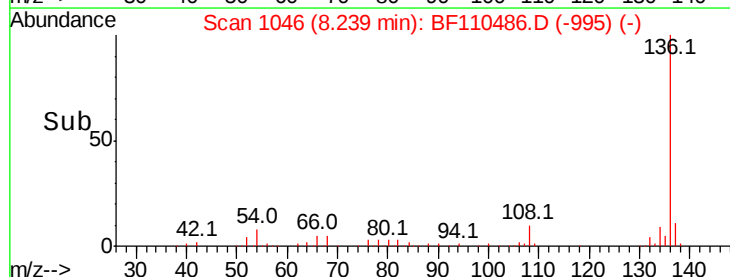
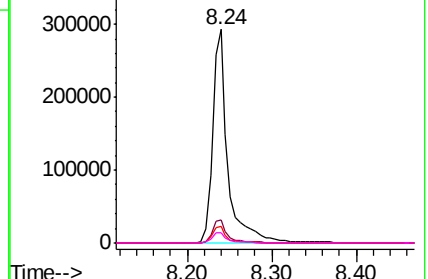


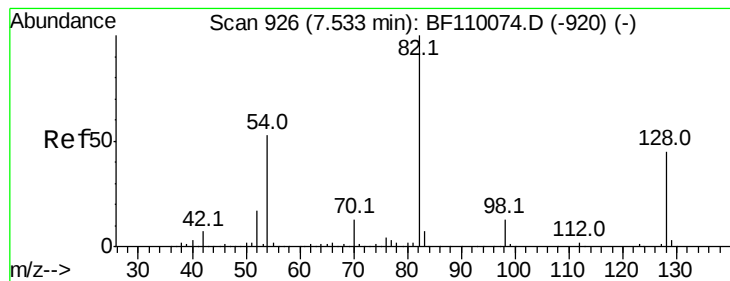
Abundance Ion 136.00 (135.70 to 136.70): E

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: 72.320 ng

RT: 7.52 min Scan# 923

Delta R.T. -0.01 min

Lab File: BF110486.D

Acq: 6 Nov 2018 1:46

Instrument :

BNA_F

ClientSampleId :

PB114474BL

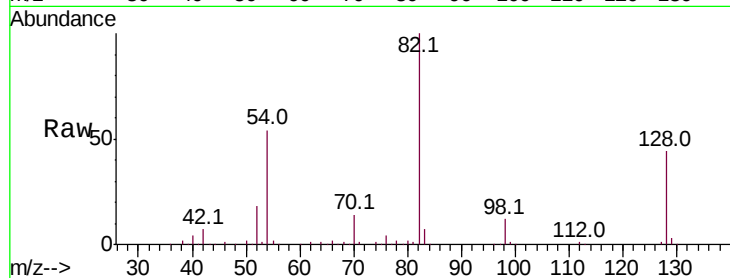
Tot Ion: 82 Resp: 453256

Ion Ratio Lower Upper

82 100

128 43.9 34.2 51.2

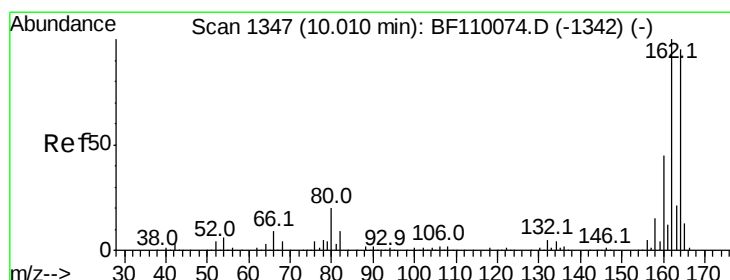
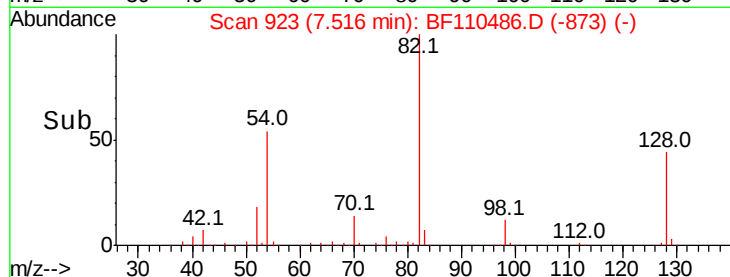
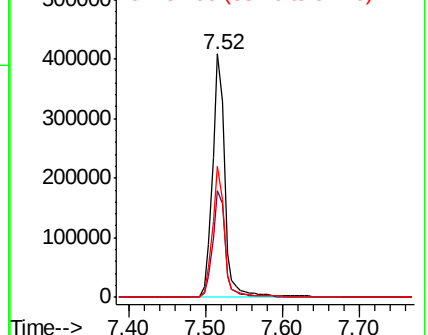
54 53.5 38.6 58.0



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: BF110486.D

Acq: 6 Nov 2018 1:46

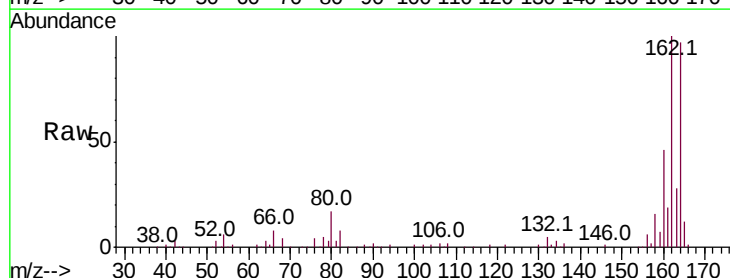
Tgt Ion:164 Resp: 162562

Ion Ratio Lower Upper

164 100

162 103.2 83.0 124.6

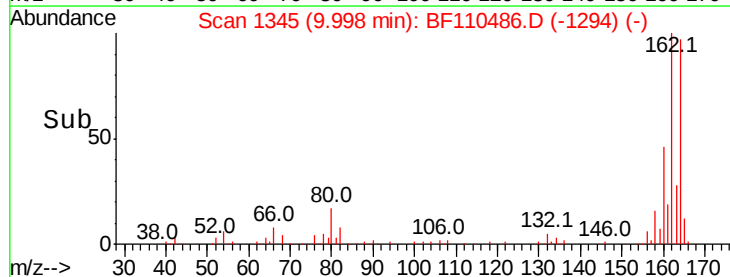
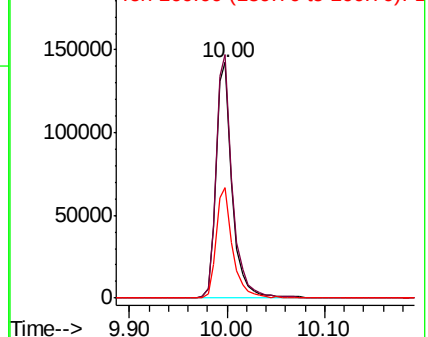
160 47.0 37.0 55.6



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

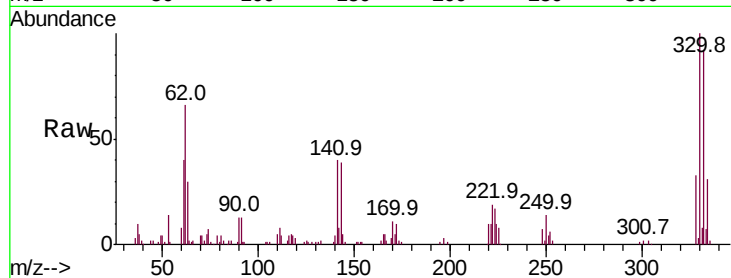




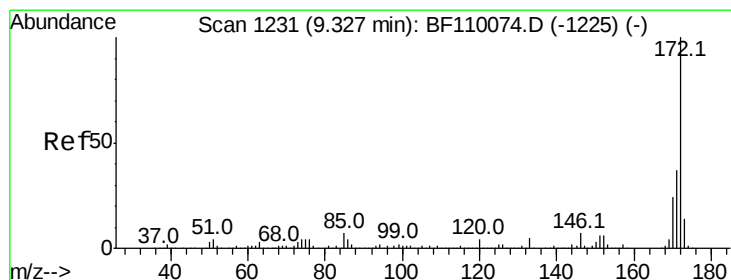
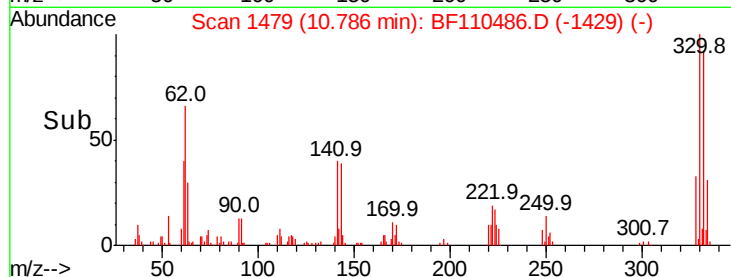
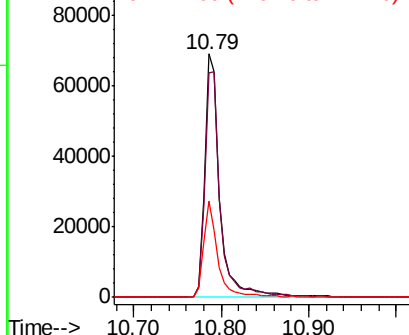
#42
 2,4,6-Tribromophenol
 Concen: 51.685 ng
 RT: 10.79 min Scan# 1479
 Delta R.T. -0.01 min
 Lab File: BF110486.D
 Acq: 6 Nov 2018 1:46

Instrument :
 BNA_F
 ClientSampleId :
 PB114474BL

Tot Ion:330 Resp: 83228
 Ion Ratio Lower Upper
 330 100
 332 94.9 77.1 115.7
 141 36.7 27.0 40.4

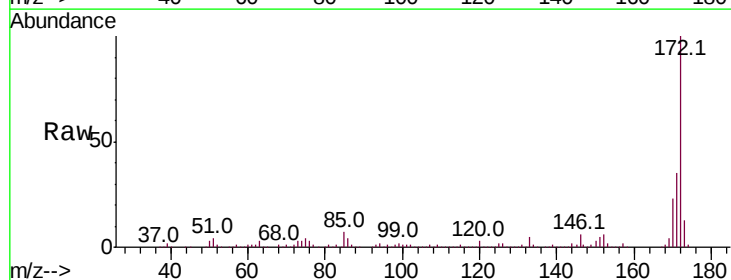


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

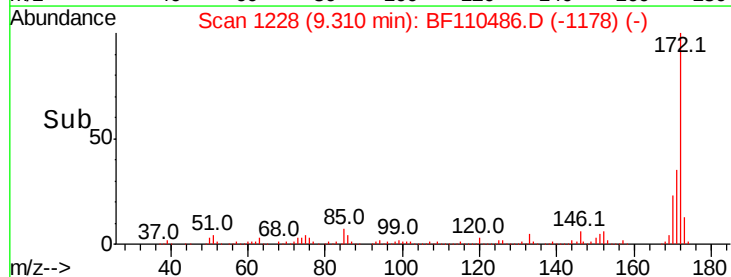
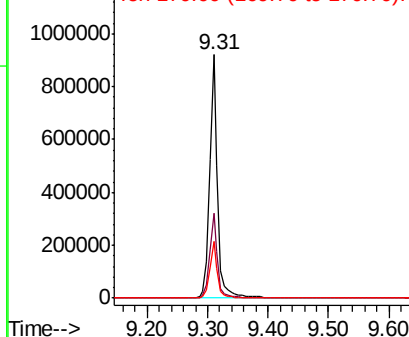


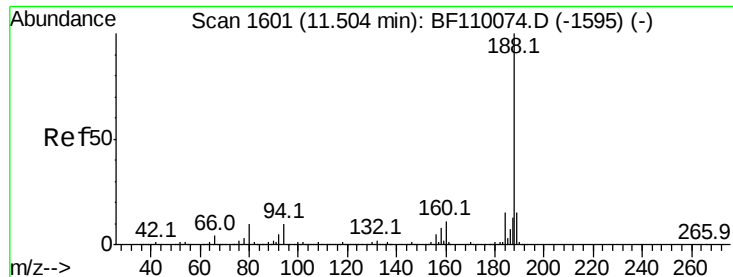
#45
 2-Fluorobiphenyl
 Concen: 82.351 ng
 RT: 9.31 min Scan# 1228
 Delta R.T. -0.01 min
 Lab File: BF110486.D
 Acq: 6 Nov 2018 1:46

Tgt Ion:172 Resp: 852546
 Ion Ratio Lower Upper
 172 100
 171 35.0 28.6 43.0
 170 23.4 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

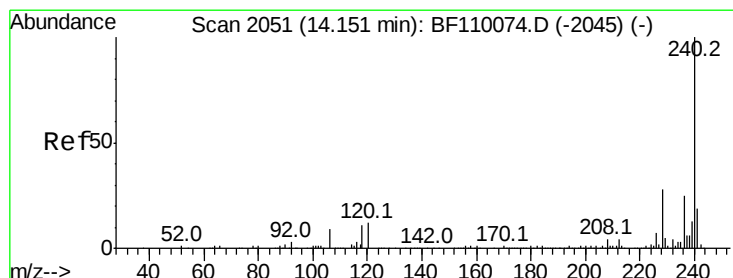
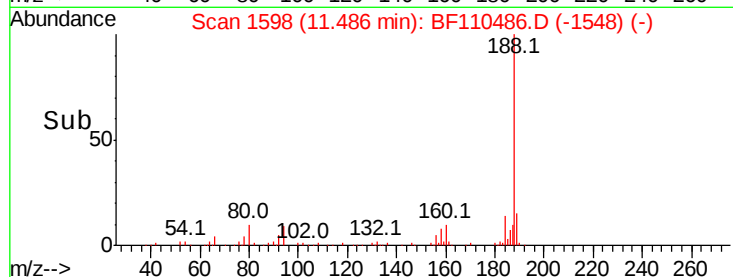
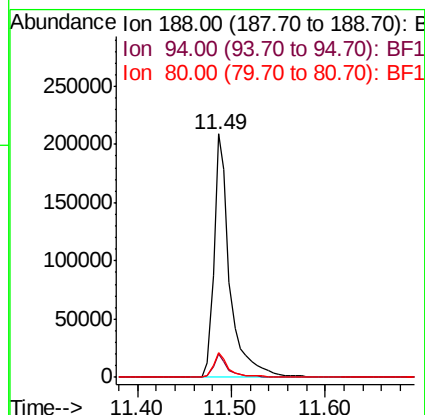
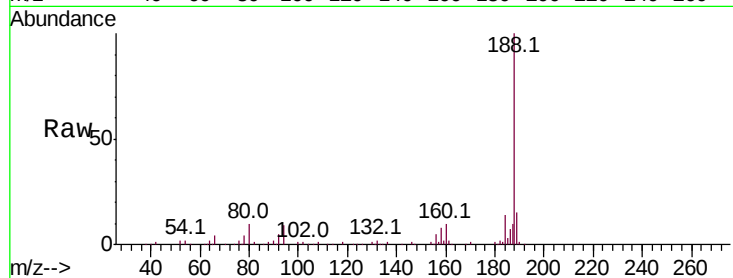




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1598
Delta R.T. -0.01 min
Lab File: BF110486.D
Acq: 6 Nov 2018 1:46

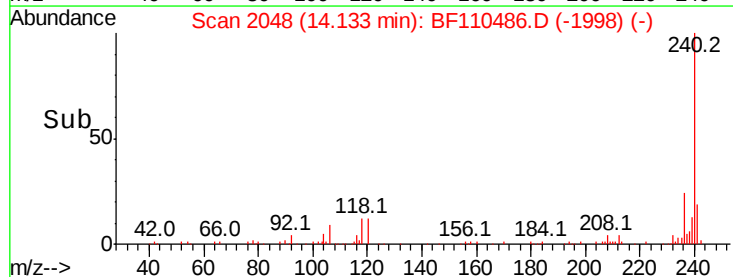
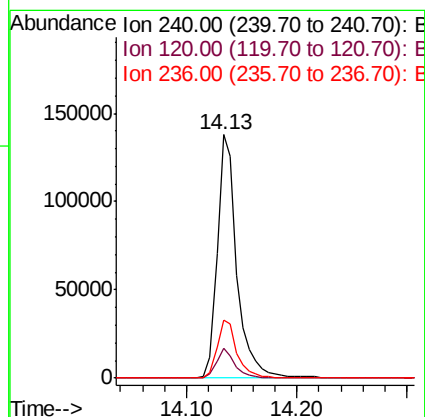
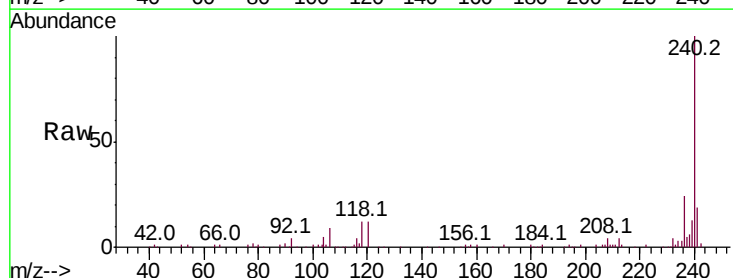
Instrument :
BNA_F
ClientSampleId :
PB114474BL

Tot Ion:188 Resp: 250134
Ion Ratio Lower Upper
188 100
94 9.5 7.2 10.8
80 10.1 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2048
Delta R.T. -0.01 min
Lab File: BF110486.D
Acq: 6 Nov 2018 1:46

Tgt Ion:240 Resp: 168075
Ion Ratio Lower Upper
240 100
120 12.5 8.3 12.5#
236 23.7 21.2 31.8





#79

Terphenyl-d14

Concen: 72.279 ng

RT: 13.07 min Scan# 1867

Delta R.T. -0.01 min

Lab File: BF110486.D

Acq: 6 Nov 2018 1:46

Instrument :

BNA_F

ClientSampleId :

PB114474BL

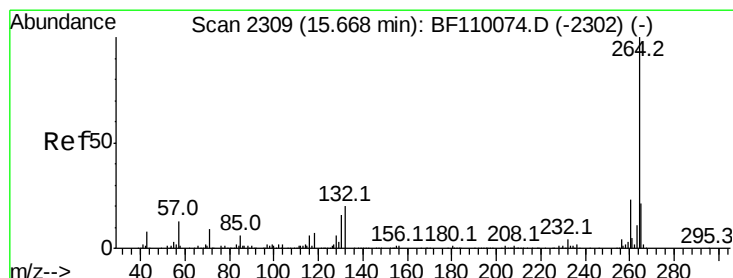
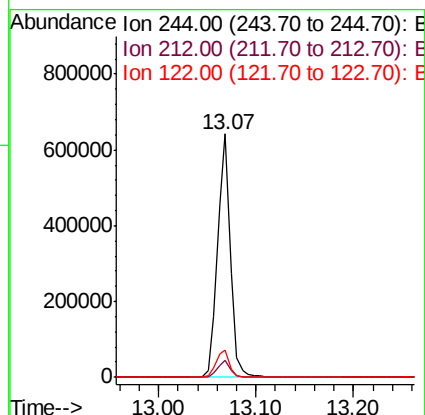
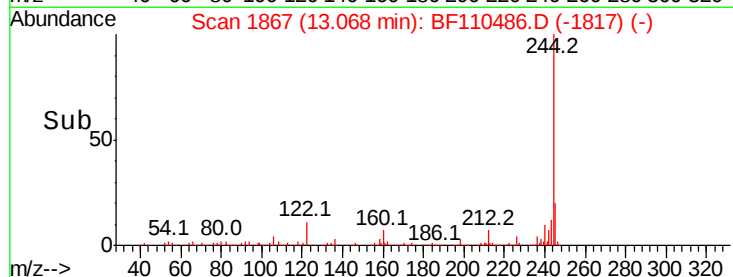
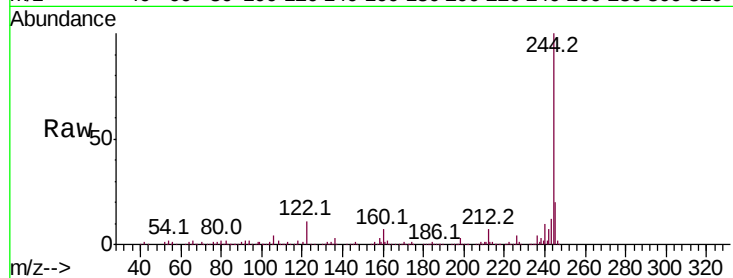
Tot Ion:244 Resp: 584132

Ion Ratio Lower Upper

244 100

212 6.8 5.8 8.8

122 11.3 8.7 13.1



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.66 min Scan# 2308

Delta R.T. 0.01 min

Lab File: BF110486.D

Acq: 6 Nov 2018 1:46

Tgt Ion:264 Resp: 129732

Ion Ratio Lower Upper

264 100

260 23.4 18.7 28.1

265 21.6 16.7 25.1

