

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102918\
 Data File : BF110261.D
 Acq On : 29 Oct 2018 14:39
 Operator : JU/SJ
 Sample : J5624-04
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PA-SED-02

Quant Time: Oct 30 07:08:47 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 29 17:29:00 2018
 Response via : Initial Calibration

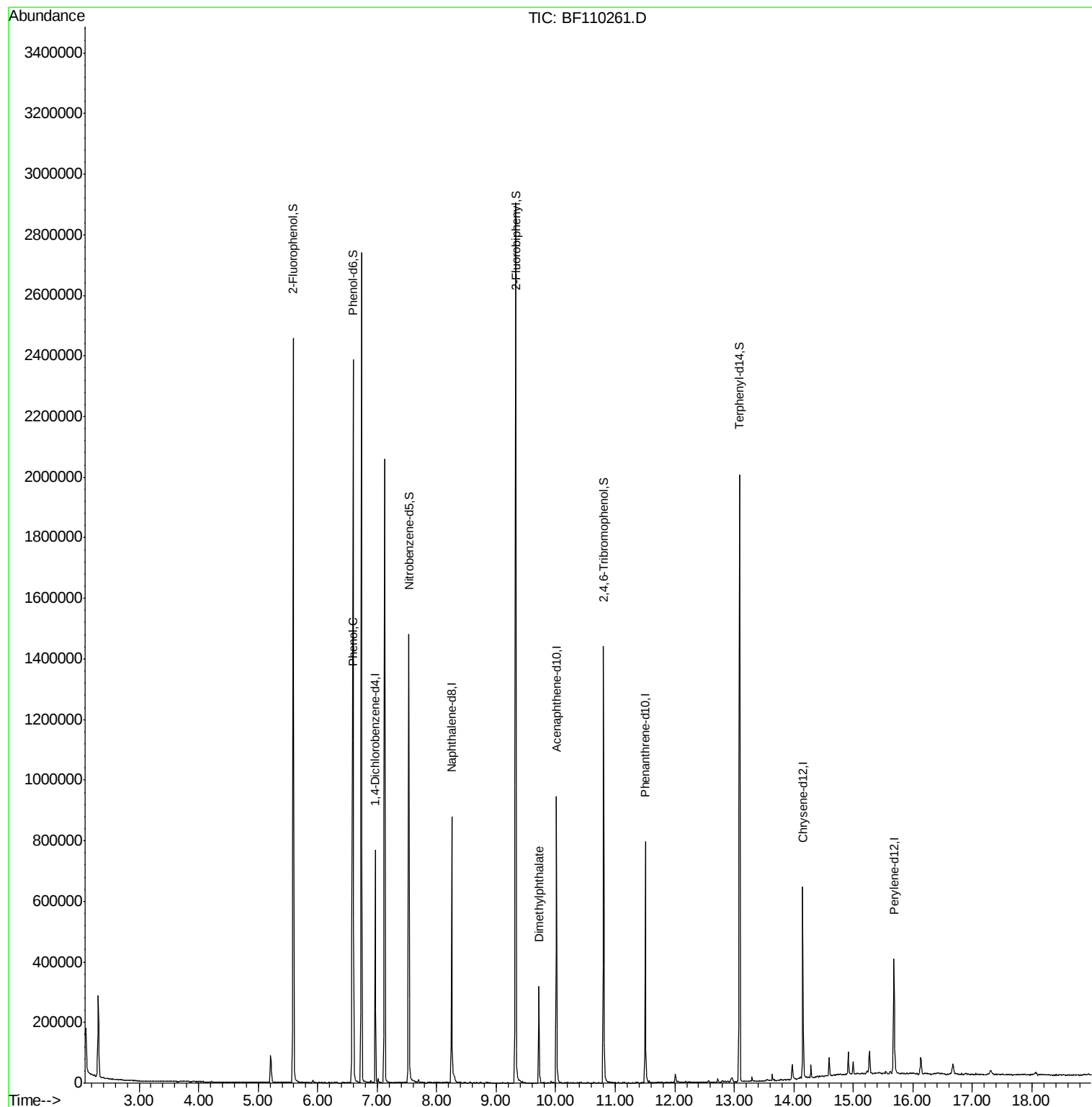
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	107755	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	426492	20.00	ng	0.00
39) Acenaphthene-d10	10.01	164	182626	20.00	ng	0.00
64) Phenanthrene-d10	11.50	188	291174	20.00	ng	0.00
76) Chrysene-d12	14.15	240	220289	20.00	ng	0.00
87) Perylene-d12	15.69	264	174918	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	684295	103.41	ng	0.00
7) Phenol-d6	6.59	99	864981	102.20	ng	0.00
23) Nitrobenzene-d5	7.53	82	536364	74.59	ng	0.00
42) 2,4,6-Tribromophenol	10.80	330	168599	93.20	ng	0.00
45) 2-Fluorobiphenyl	9.33	172	942943	81.08	ng	0.00
79) Terphenyl-d14	13.09	244	688270	64.98	ng	0.00
Target Compounds						
10) Phenol	6.60	94	120237	13.290	ng	Qvalue # 62
50) Dimethylphthalate	9.72	163	137101	10.170	ng	98

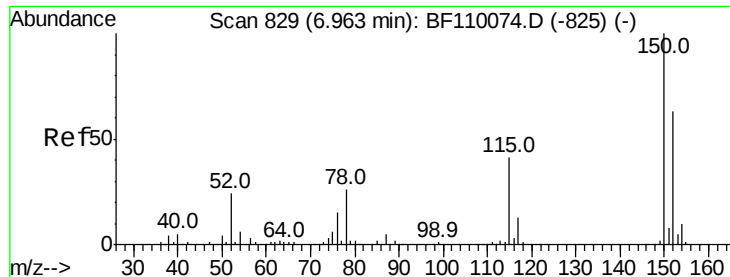
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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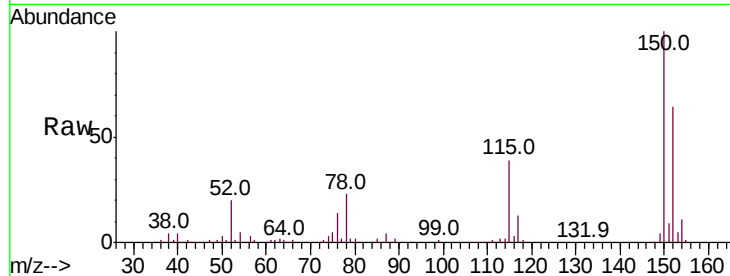


#1

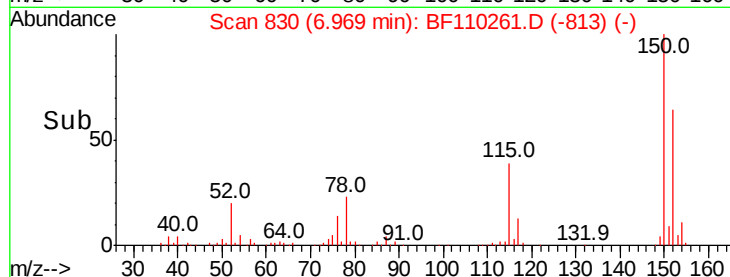
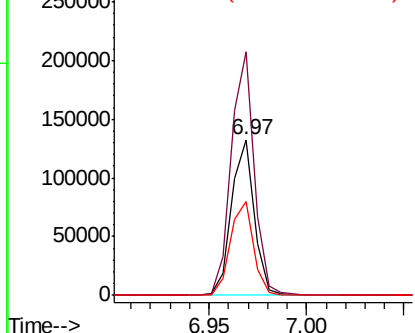
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.97 min Scan# 830
 Delta R.T. 0.00 min
 Lab File: BF110261.D
 Acq: 29 Oct 2018 14:39

Instrument :
 BNA_F
 ClientSampleId :
 PA-SED-02

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.2	122.7	184.1
115	60.4	49.1	73.7



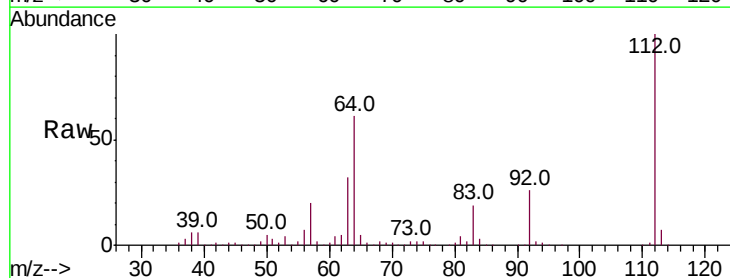
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



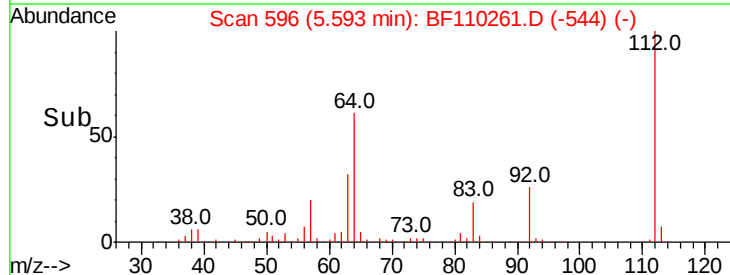
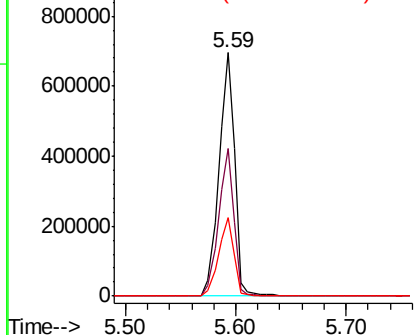
#5

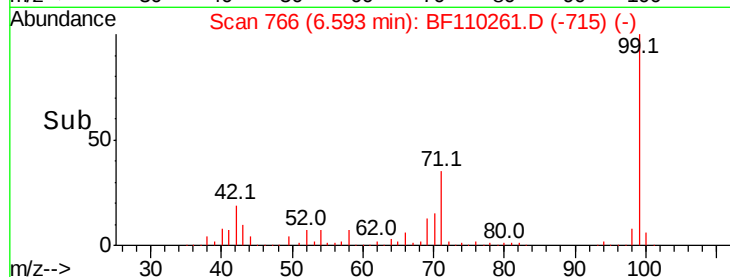
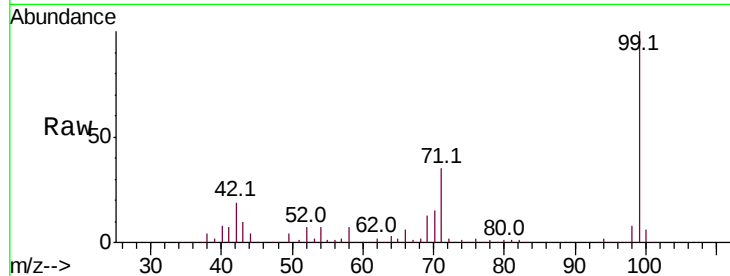
2-Fluorophenol
 Concen: 103.414 ng
 RT: 5.59 min Scan# 596
 Delta R.T. 0.01 min
 Lab File: BF110261.D
 Acq: 29 Oct 2018 14:39

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.8	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: 102.199 ng

RT: 6.59 min Scan# 766

Delta R.T. 0.00 min

Lab File: BF110261.D

Acq: 29 Oct 2018 14:39

Instrument :

BNA_F

ClientSampleId :

PA-SED-02

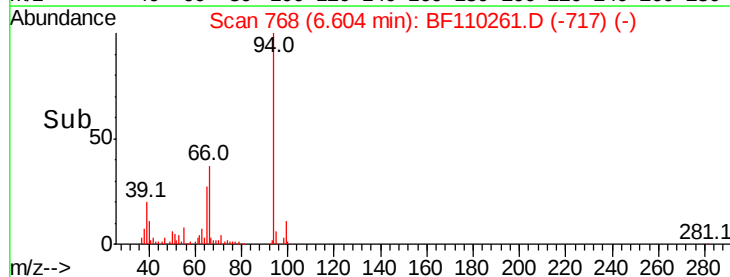
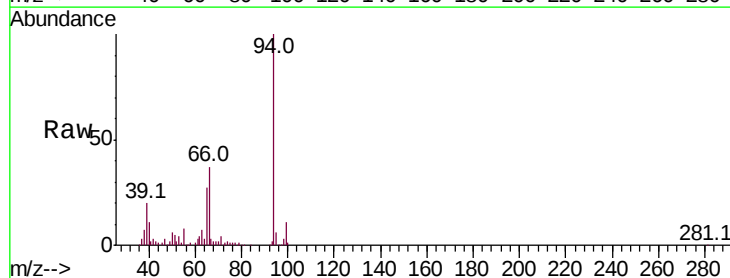
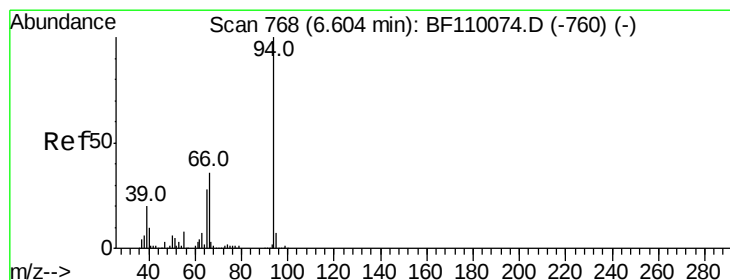
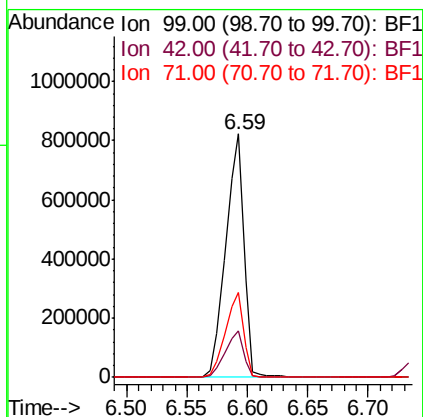
Tot Ion: 99 Resp: 864981

Ion Ratio Lower Upper

99 100

42 19.1 15.8 23.6

71 35.0 28.0 42.0



#10

Phenol

Concen: 13.290 ng

RT: 6.60 min Scan# 768

Delta R.T. 0.00 min

Lab File: BF110261.D

Acq: 29 Oct 2018 14:39

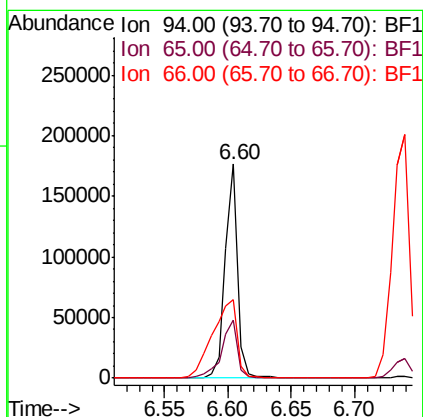
Tgt Ion: 94 Resp: 120237

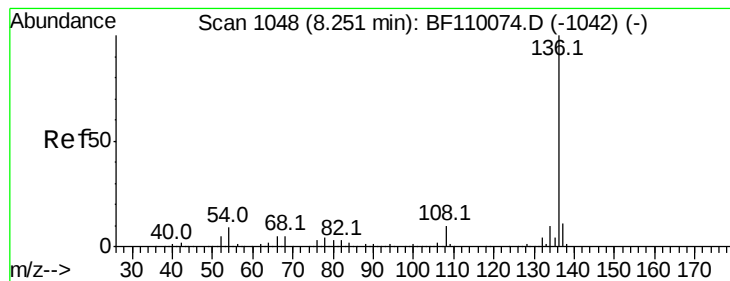
Ion Ratio Lower Upper

94 100

65 27.0 25.3 65.3

66 36.5 54.5 94.5#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.25 min Scan# 1048

Delta R.T. 0.00 min

Lab File: BF110261.D

Acq: 29 Oct 2018 14:39

Instrument :

BNA_F

ClientSampleId :

PA-SED-02

Tot Ion:136 Resp: 426492

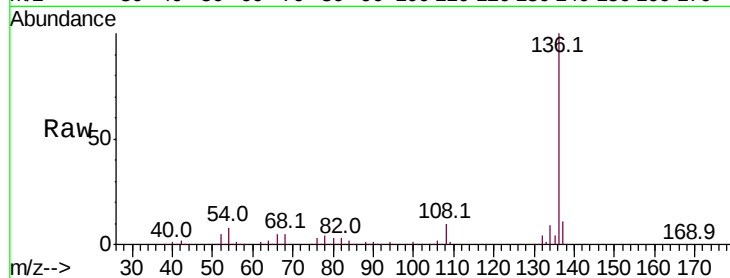
Ion Ratio Lower Upper

136 100

137 11.2 8.8 13.2

54 7.8 5.4 8.2

68 5.1 4.2 6.2

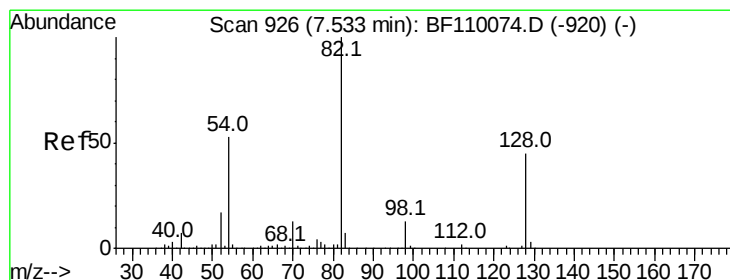
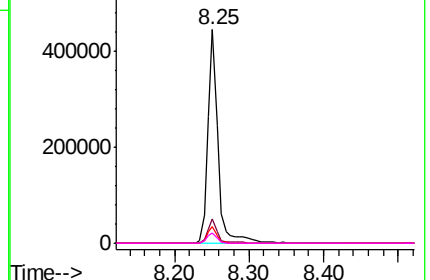
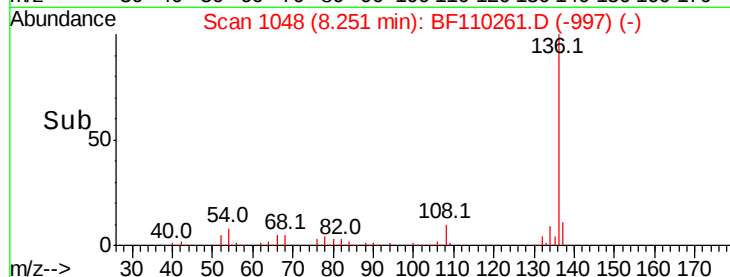


Abundance Ion 136.00 (135.70 to 136.70): E

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: 74.593 ng

RT: 7.53 min Scan# 926

Delta R.T. 0.00 min

Lab File: BF110261.D

Acq: 29 Oct 2018 14:39

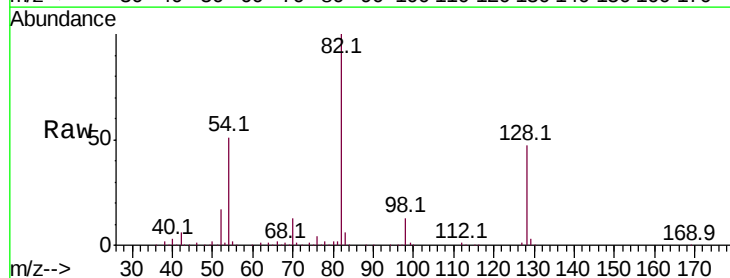
Tgt Ion: 82 Resp: 536364

Ion Ratio Lower Upper

82 100

128 46.9 34.2 51.2

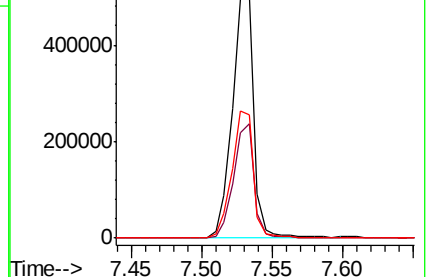
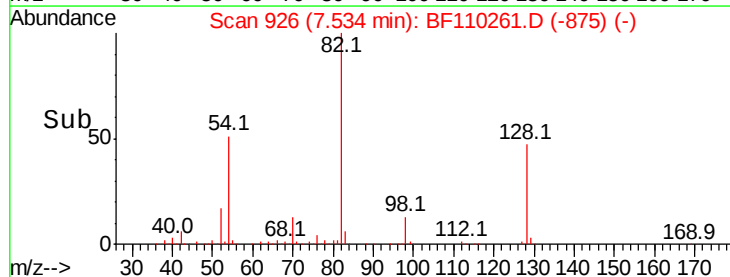
54 50.6 38.6 58.0



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: 10.01 min Scan# 1347

Delta R.T. -0.01 min

Lab File: BF110261.D

Acq: 29 Oct 2018 14:39

Instrument :

BNA_F

ClientSampleId :

PA-SED-02

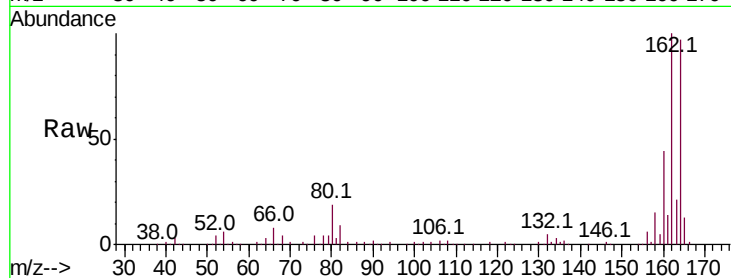
Tot Ion:164 Resp: 182626

Ion Ratio Lower Upper

164 100

162 103.2 83.0 124.6

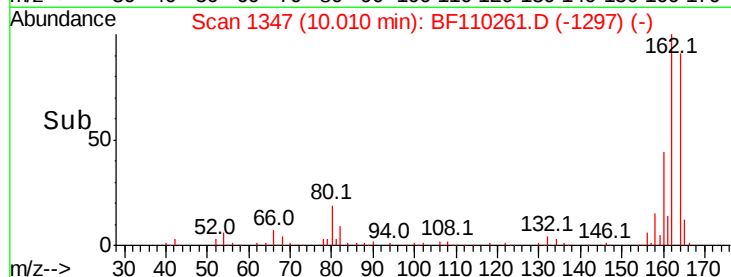
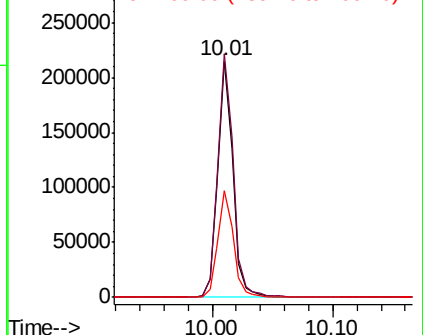
160 45.3 37.0 55.6



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: 93.198 ng

RT: 10.80 min Scan# 1482

Delta R.T. -0.01 min

Lab File: BF110261.D

Acq: 29 Oct 2018 14:39

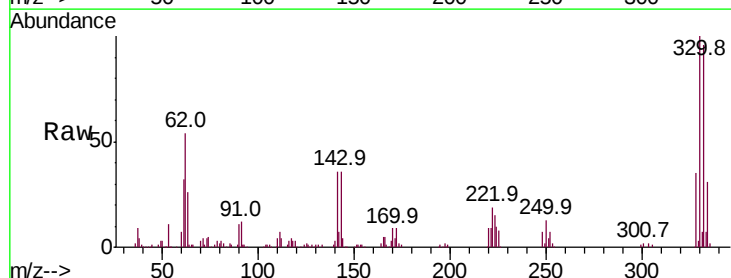
Tgt Ion:330 Resp: 168599

Ion Ratio Lower Upper

330 100

332 96.8 77.1 115.7

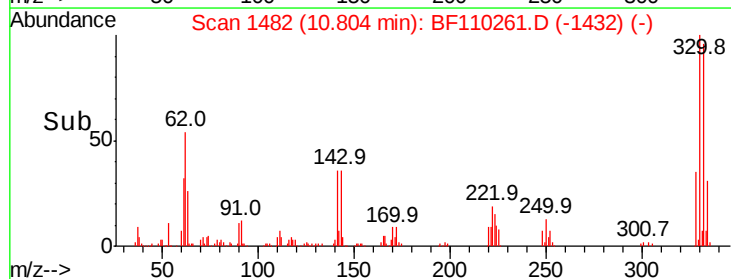
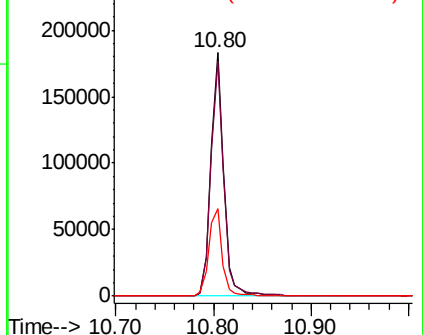
141 37.2 27.0 40.4



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

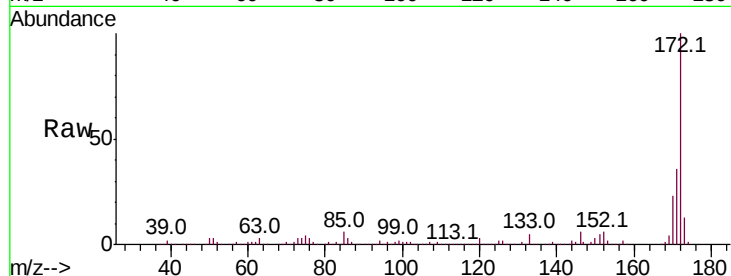




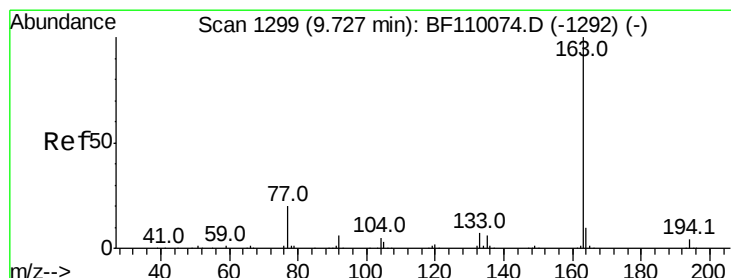
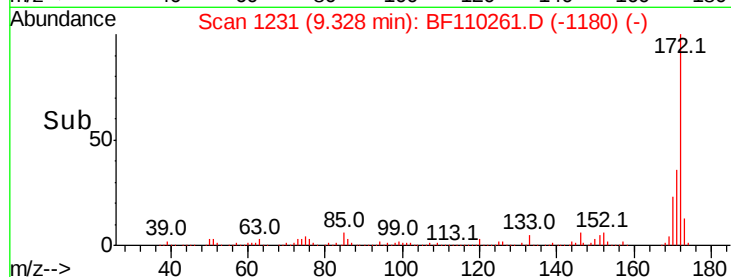
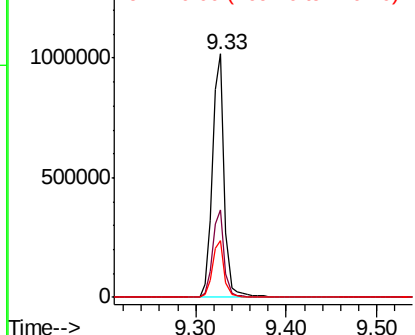
#45
2-Fluorobiphenyl
Concen: 81.076 ng
RT: 9.33 min Scan# 1231
Delta R.T. 0.00 min
Lab File: BF110261.D
Acq: 29 Oct 2018 14:39

Instrument :
BNA_F
ClientSampleId :
PA-SED-02

Tot Ion:172 Resp: 942943
Ion Ratio Lower Upper
172 100
171 35.7 28.6 43.0
170 23.5 19.7 29.5

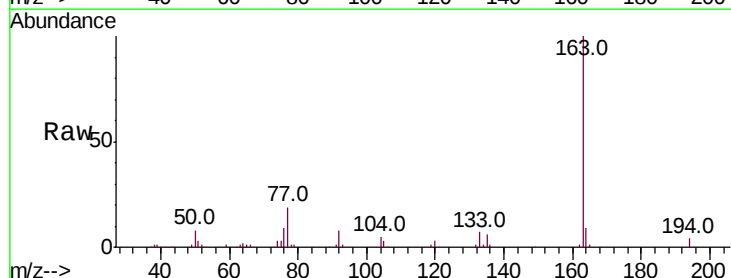


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

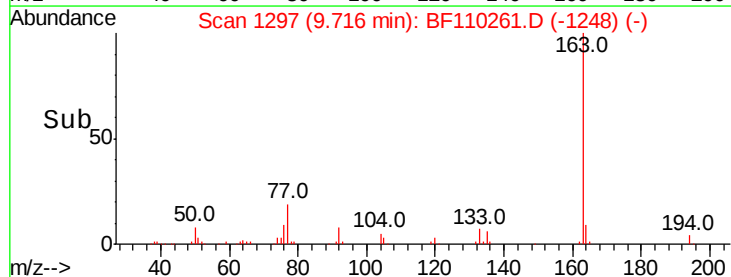
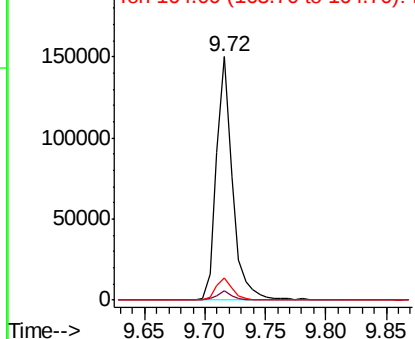


#50
Dimethylphthalate
Concen: 10.170 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.01 min
Lab File: BF110261.D
Acq: 29 Oct 2018 14:39

Tgt Ion:163 Resp: 137101
Ion Ratio Lower Upper
163 100
194 3.8 3.2 4.8
164 9.4 8.1 12.1



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.50 min Scan# 1601

Delta R.T. -0.01 min

Lab File: BF110261.D

Acq: 29 Oct 2018 14:39

Instrument :

BNA_F

ClientSampleId :

PA-SED-02

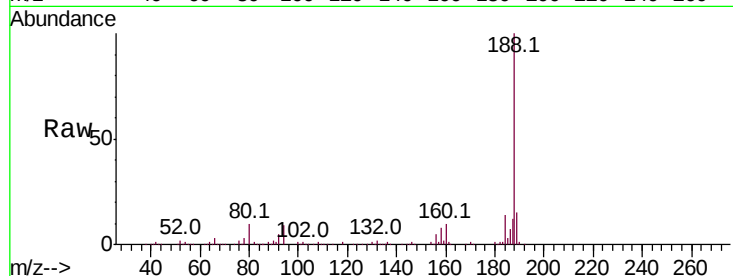
Tot Ion:188 Resp: 291174

Ion Ratio Lower Upper

188 100

94 9.1 7.2 10.8

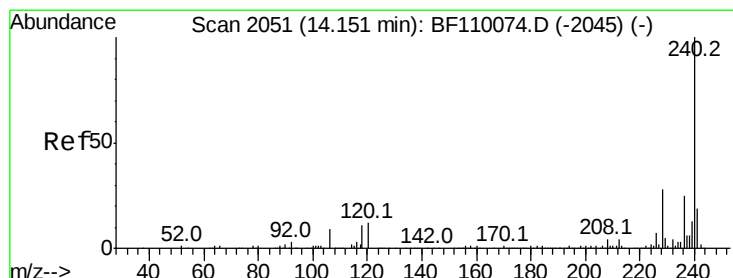
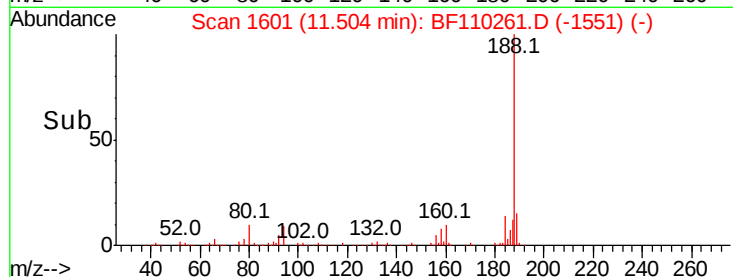
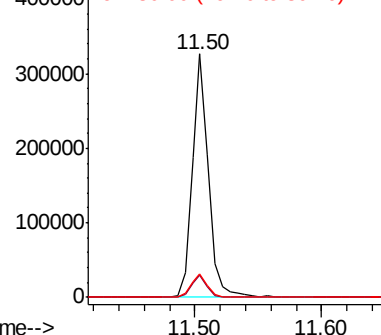
80 9.6 7.9 11.9



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: 14.15 min Scan# 2051

Delta R.T. -0.01 min

Lab File: BF110261.D

Acq: 29 Oct 2018 14:39

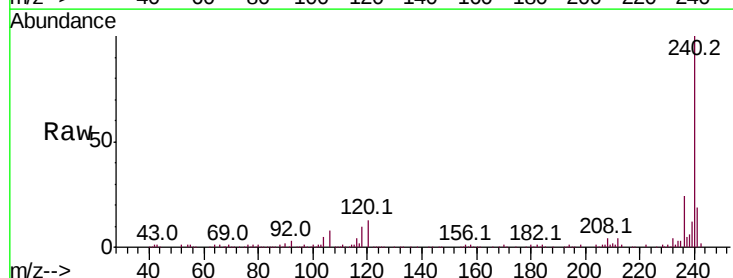
Tgt Ion:240 Resp: 220289

Ion Ratio Lower Upper

240 100

120 12.6 8.3 12.5#

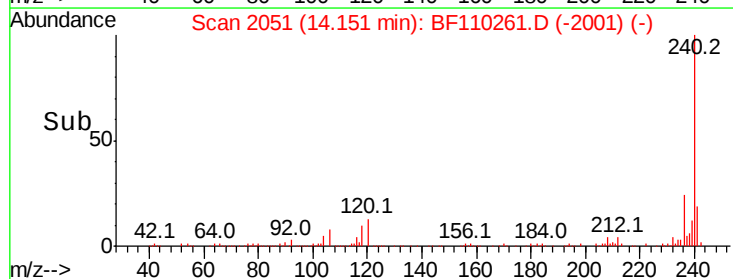
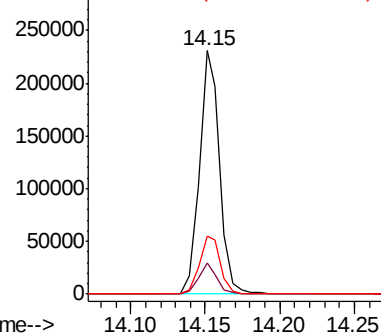
236 24.0 21.2 31.8



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



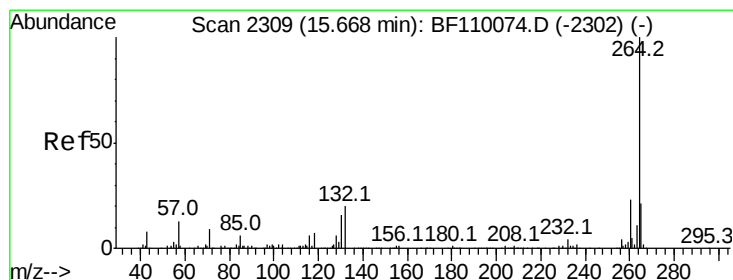
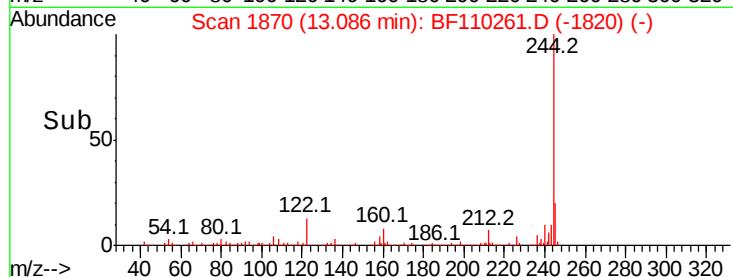
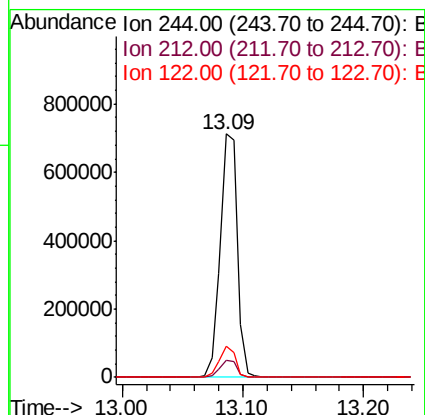
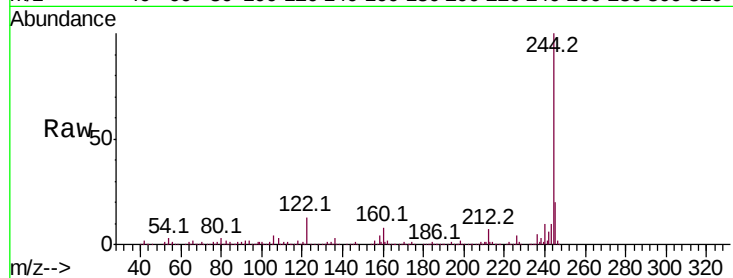


#79
 Terphenyl-d14
 Concen: 64.978 ng
 RT: 13.09 min Scan# 1870
 Delta R.T. -0.01 min
 Lab File: BF110261.D
 Acq: 29 Oct 2018 14:39

Instrument :
 BNA_F
 ClientSampleID :
 PA-SED-02

Tot Ion:244 Resp: 688270

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.8	8.8
122	13.0	8.7	13.1



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.69 min Scan# 2312
 Delta R.T. 0.00 min
 Lab File: BF110261.D
 Acq: 29 Oct 2018 14:39

Tgt Ion:264 Resp: 174918

Ion	Ratio	Lower	Upper
264	100		
260	24.4	18.7	28.1
265	20.6	16.7	25.1

