

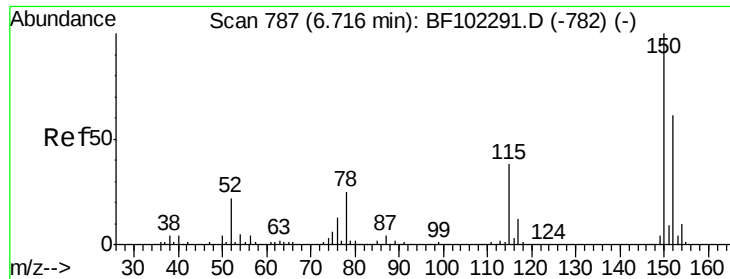
Data Path : Z:\HPCHEM1\BNA F\DATA\BF013118\
 Data File : BF102679.D
 Acq On : 1 Feb 2018 2:23
 Operator : SJ/JU
 Sample : J1385-01
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EPE-106-5(120-122)

Quant Time: Feb 01 03:52:12 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 31 18:38:00 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	148198	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	560410	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	208265	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	306157	20.00	ng	0.00
75) Chrysene-d12	13.87	240	282791	20.00	ng	0.00
86) Perylene-d12	15.30	264	196691	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	994875	101.79	ng	0.02
7) Phenol-d6	6.37	99	1160969	98.53	ng	0.02
23) Nitrobenzene-d5	7.28	82	695362	71.31	ng	0.00
41) 2,4,6-Tribromophenol	10.54	330	165257	80.08	ng	0.00
44) 2-Fluorobiphenyl	9.06	172	1088619	76.86	ng	0.00
78) Terphenyl-d14	12.82	244	780371	62.21	ng	0.00
Target Compounds						
10) Phenol	6.39	94	57227	4.449	ng	94
49) Dimethylphthalate	9.46	163	178104	10.346	ng	100

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

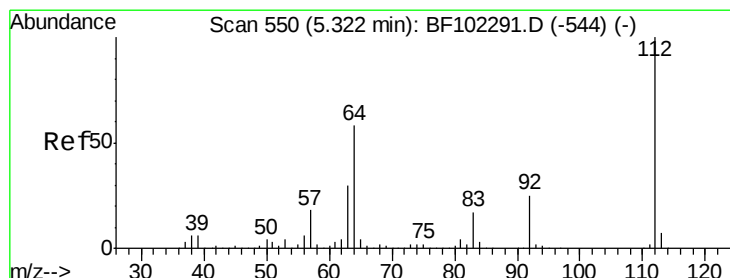
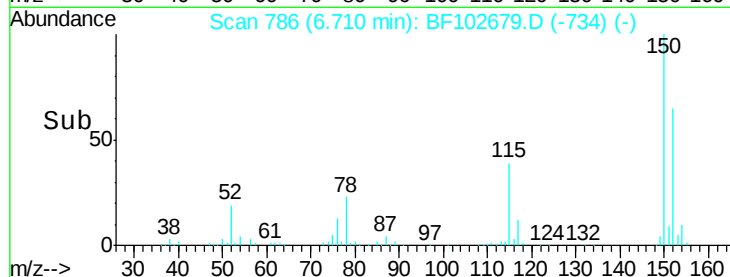
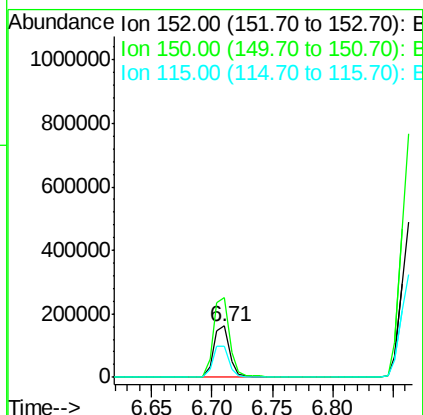
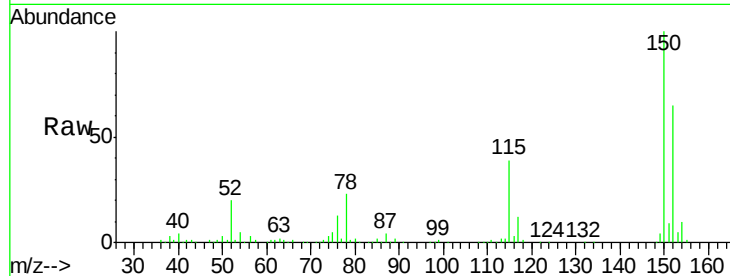


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.71 min Scan# 786
Delta R.T. 0.01 min
Lab File: BF102679.D
Acq: 1 Feb 2018 2:23

Instrument :
BNA_F
ClientSampleId :
EPE-106-5(120-122)

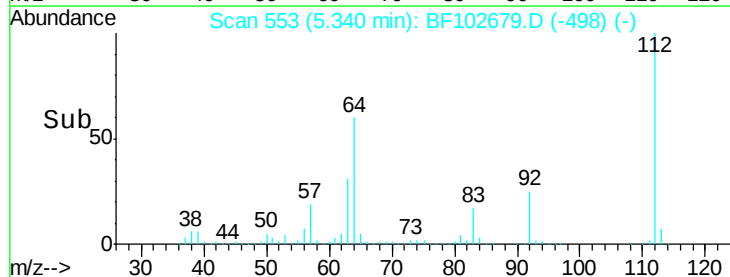
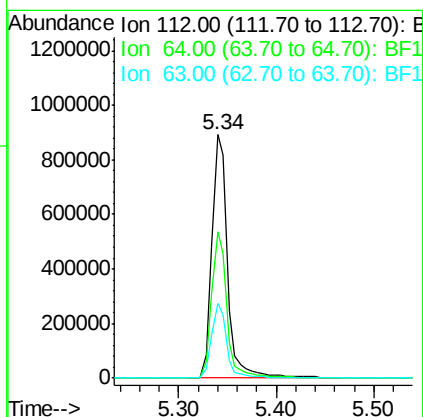
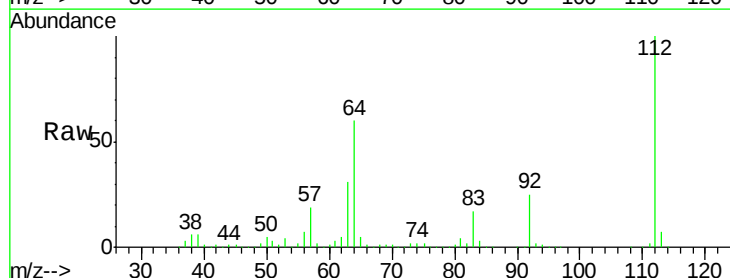
Tot Ion:152 Resp: 148198
Ion Ratio Lower Upper
152 100
150 154.4 124.6 186.8
115 60.3 50.1 75.1

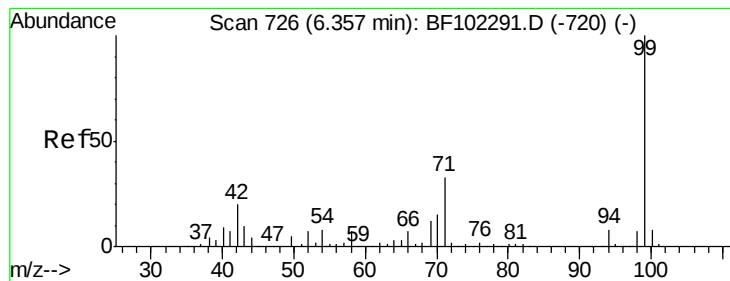


#5

2-Fluorophenol
Concen: 101.789 ng
RT: 5.34 min Scan# 553
Delta R.T. 0.02 min
Lab File: BF102679.D
Acq: 1 Feb 2018 2:23

Tgt Ion:112 Resp: 994875
Ion Ratio Lower Upper
112 100
64 59.9 47.9 71.9
63 30.9 23.7 35.5





#7

Phenol-d6

Concen: 98.526 ng

RT: 6.37 min Scan# 729

Delta R.T. 0.02 min

Lab File: BF102679.D

Acq: 1 Feb 2018 2:23

Instrument :

BNA_F

ClientSampleId :

EPE-106-5(120-122)

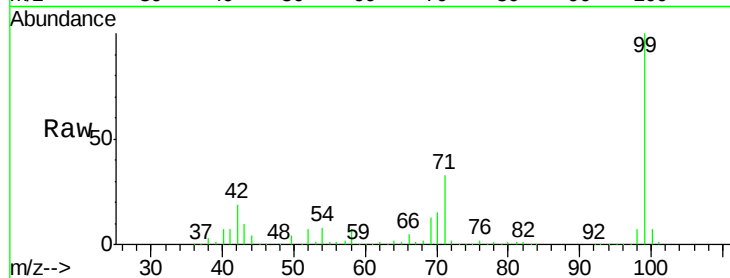
Tot Ion: 99 Resp: 1160969

Ion Ratio Lower Upper

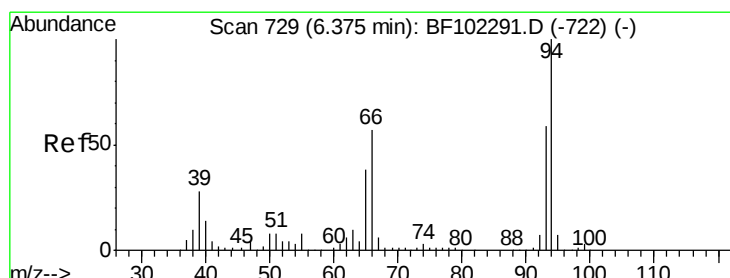
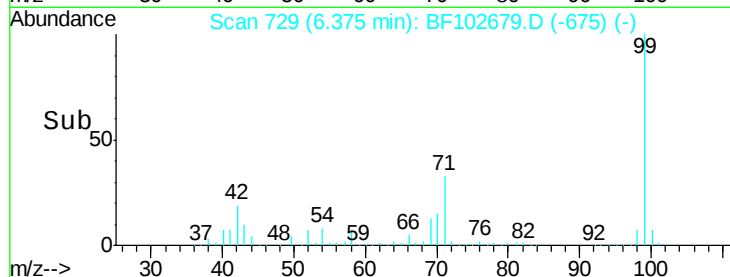
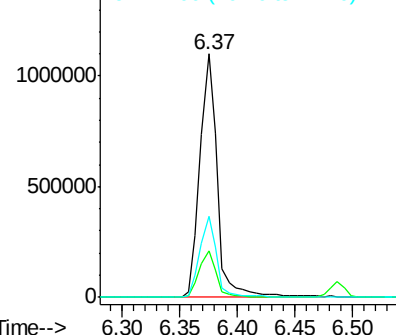
99 100

42 19.1 14.5 21.7

71 33.4 25.4 38.0



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



#10

Phenol

Concen: 4.449 ng

RT: 6.39 min Scan# 731

Delta R.T. 0.02 min

Lab File: BF102679.D

Acq: 1 Feb 2018 2:23

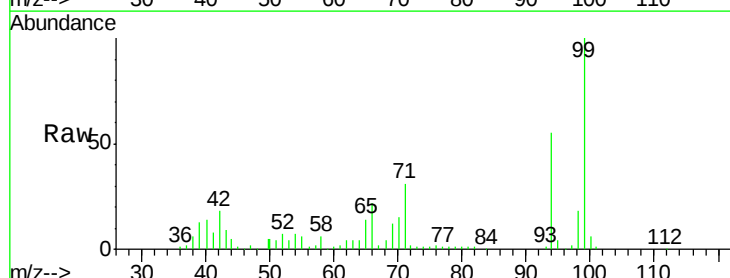
Tgt Ion: 94 Resp: 57227

Ion Ratio Lower Upper

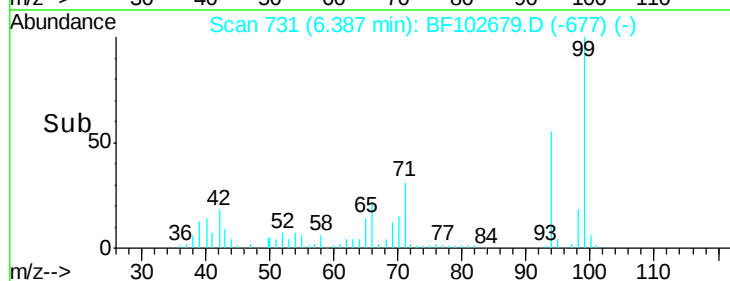
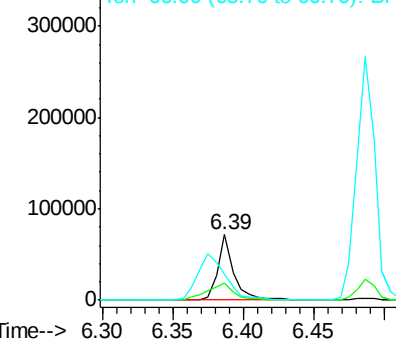
94 100

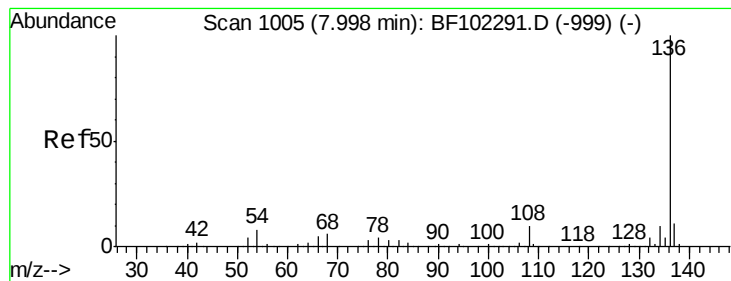
65 26.0 7.9 47.9

66 40.7 16.2 56.2



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.99 min Scan# 1004

Delta R.T. 0.01 min

Lab File: BF102679.D

Acq: 1 Feb 2018 2:23

Instrument :

BNA_F

ClientSampleId :

EPE-106-5(120-122)

Tot Ion:136 Resp: 560410

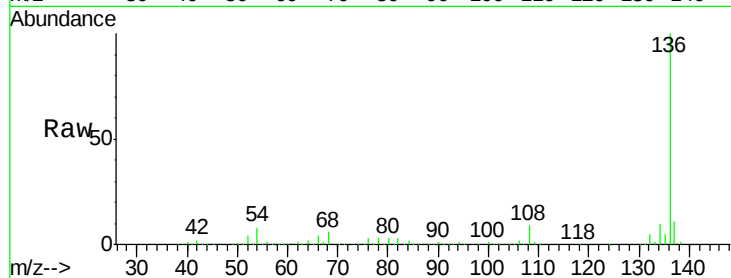
Ion Ratio Lower Upper

136 100

137 10.7 8.9 13.3

54 7.6 6.6 9.8

68 5.5 5.0 7.4

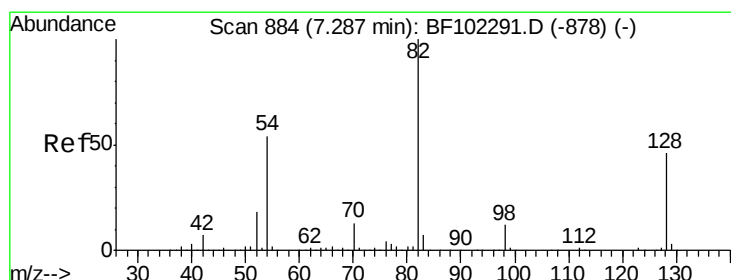
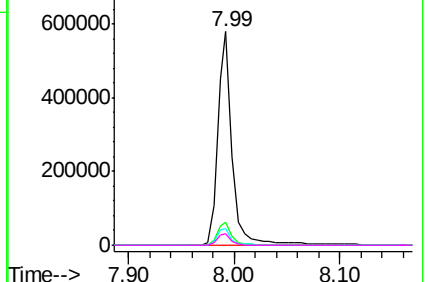
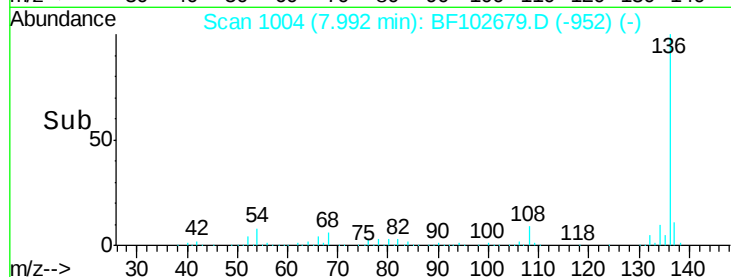


Abundance Ion 136.00 (135.70 to 136.70): E

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: 71.305 ng

RT: 7.28 min Scan# 883

Delta R.T. 0.00 min

Lab File: BF102679.D

Acq: 1 Feb 2018 2:23

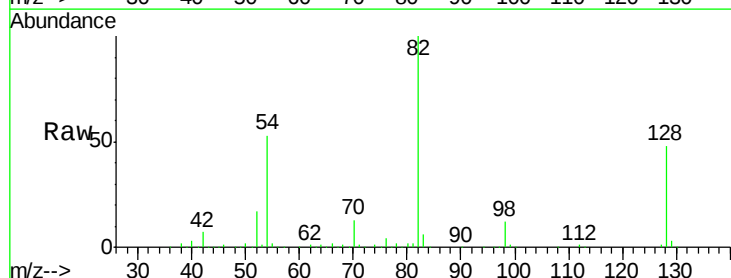
Tgt Ion: 82 Resp: 695362

Ion Ratio Lower Upper

82 100

128 47.8 36.1 54.1

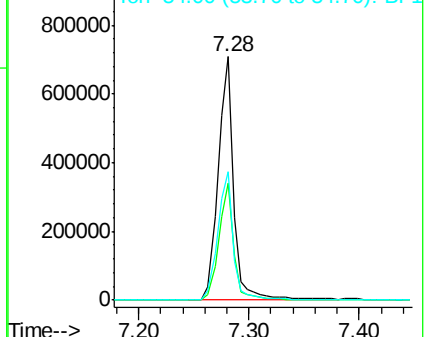
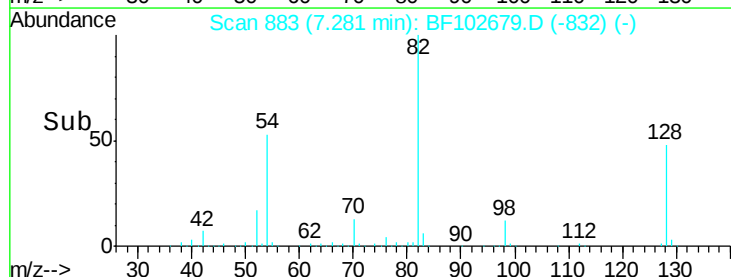
54 52.5 41.4 62.2

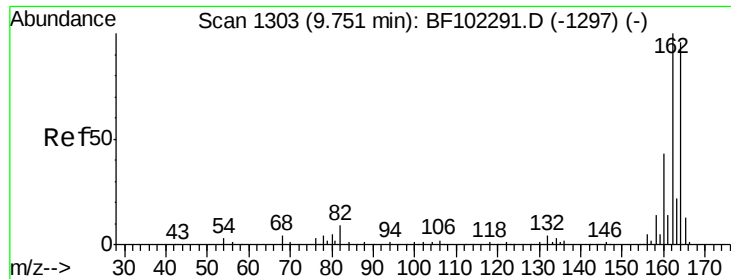


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.75 min Scan# 1302

Delta R.T. 0.01 min

Lab File: BF102679.D

Acq: 1 Feb 2018 2:23

Instrument :

BNA_F

ClientSampleId :

EPE-106-5(120-122)

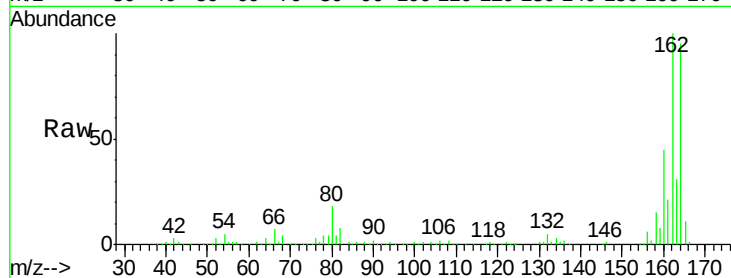
Tot Ion:164 Resp: 208265

Ion Ratio Lower Upper

164 100

162 104.9 86.1 129.1

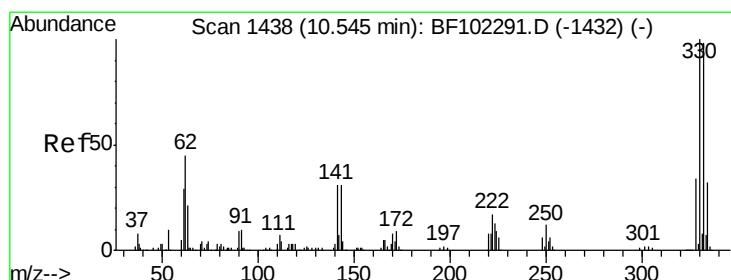
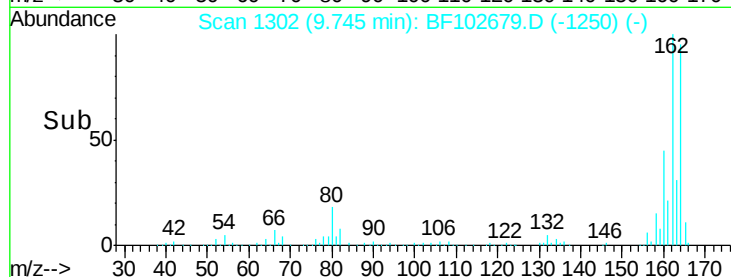
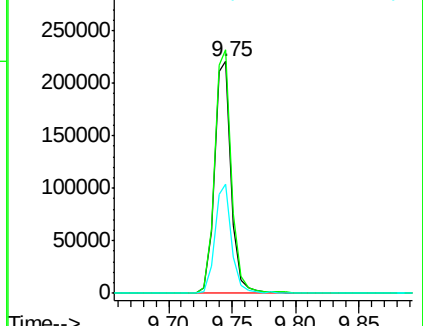
160 47.2 38.3 57.5



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



#41

2,4,6-Tribromophenol

Concen: 80.082 ng

RT: 10.54 min Scan# 1437

Delta R.T. 0.01 min

Lab File: BF102679.D

Acq: 1 Feb 2018 2:23

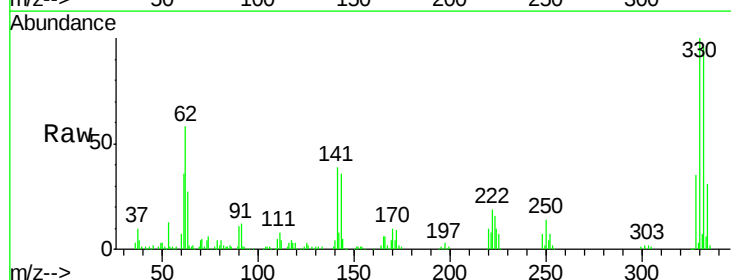
Tgt Ion:330 Resp: 165257

Ion Ratio Lower Upper

330 100

332 96.9 77.0 115.6

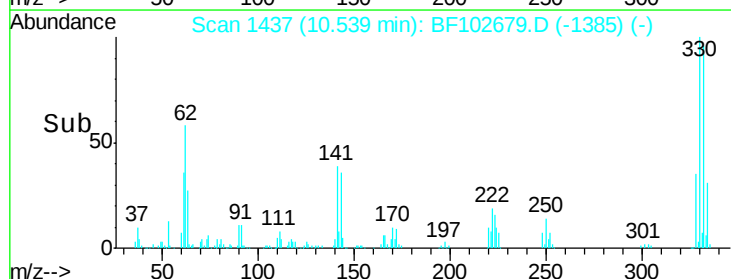
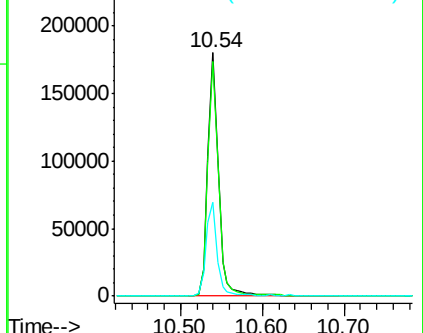
141 39.5 29.9 44.9

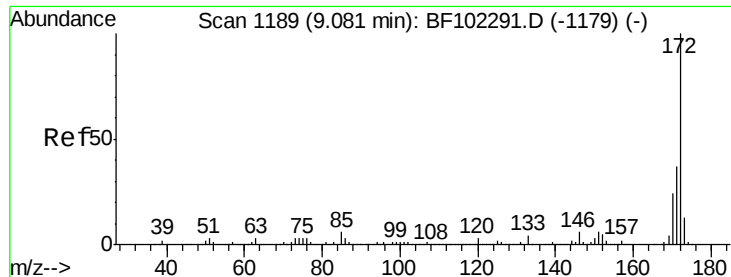


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

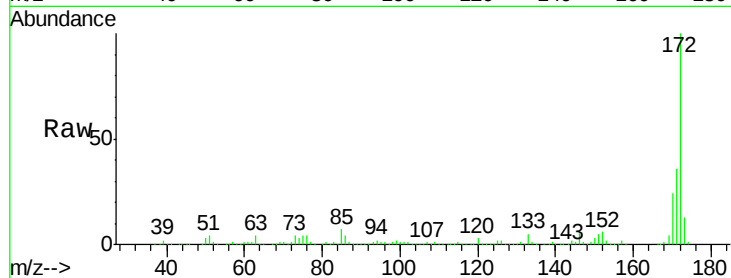




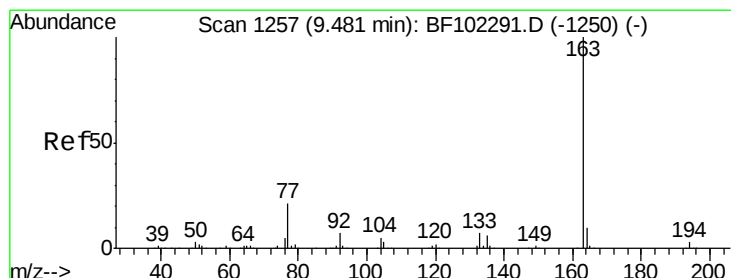
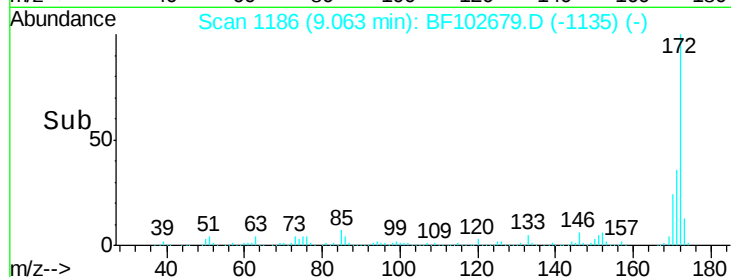
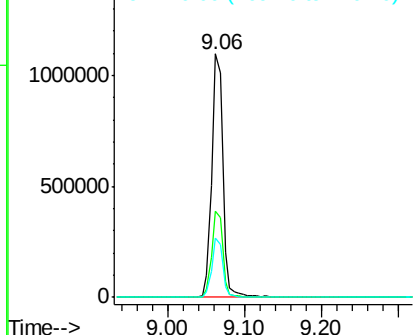
#44
2-Fluorobiphenyl
Concen: 76.857 ng
RT: 9.06 min Scan# 1186
Delta R.T. 0.00 min
Lab File: BF102679.D
Acq: 1 Feb 2018 2:23

Instrument :
BNA_F
ClientSampleId :
EPE-106-5(120-122)

Tot Ion:172 Resp: 1088619
Ion Ratio Lower Upper
172 100
171 35.6 29.7 44.5
170 24.1 19.6 29.4

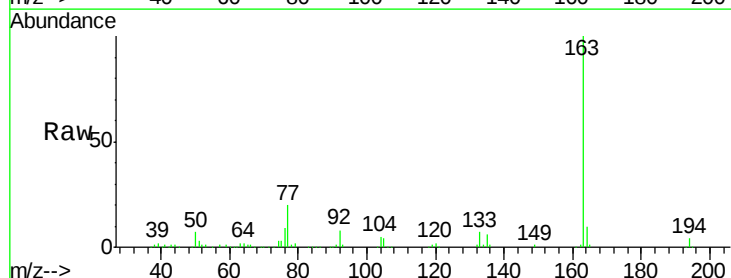


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

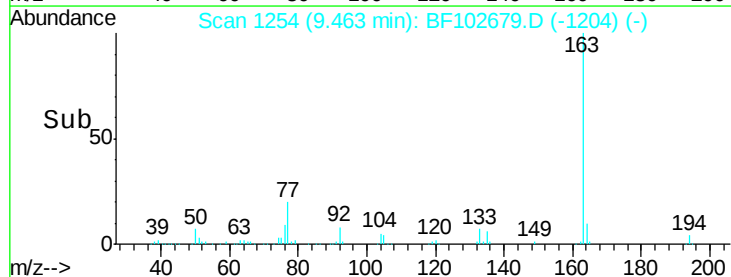
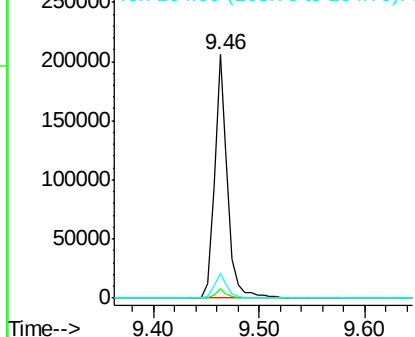


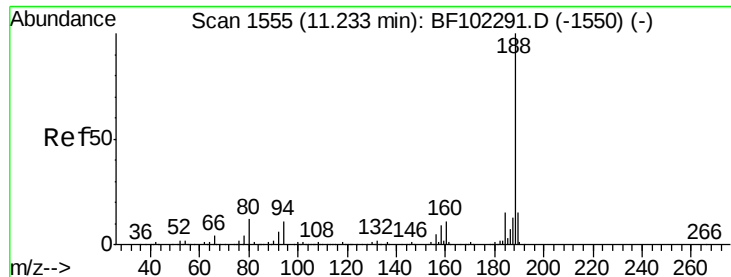
#49
Dimethylphthalate
Concen: 10.346 ng
RT: 9.46 min Scan# 1254
Delta R.T. -0.01 min
Lab File: BF102679.D
Acq: 1 Feb 2018 2:23

Tgt Ion:163 Resp: 178104
Ion Ratio Lower Upper
163 100
194 3.6 2.7 4.1
164 10.1 8.2 12.2



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





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.23 min Scan# 1554

Delta R.T. 0.00 min

Lab File: BF102679.D

Acq: 1 Feb 2018 2:23

Instrument :

BNA_F

ClientSampleId :

EPE-106-5(120-122)

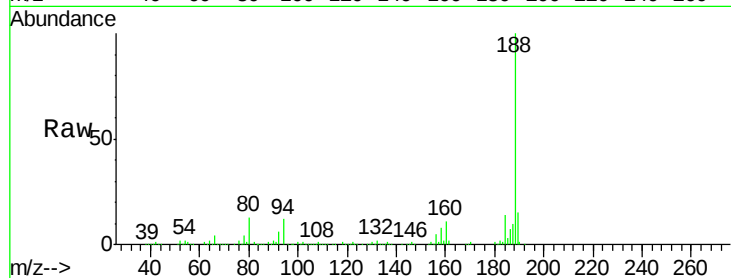
Tot Ion:188 Resp: 306157

Ion Ratio Lower Upper

188 100

94 11.5 8.5 12.7

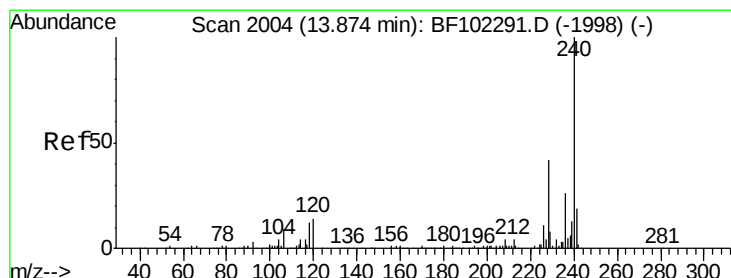
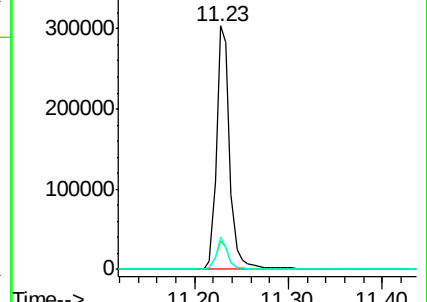
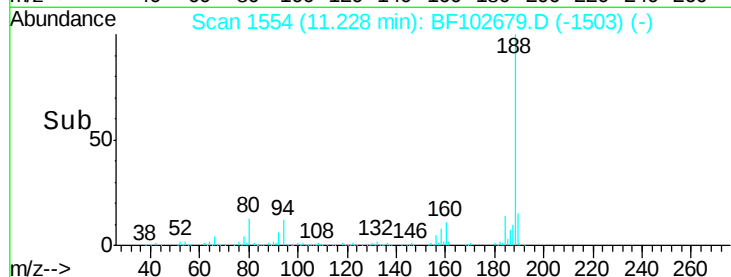
80 13.1 9.2 13.8



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



#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.87 min Scan# 2003

Delta R.T. 0.00 min

Lab File: BF102679.D

Acq: 1 Feb 2018 2:23

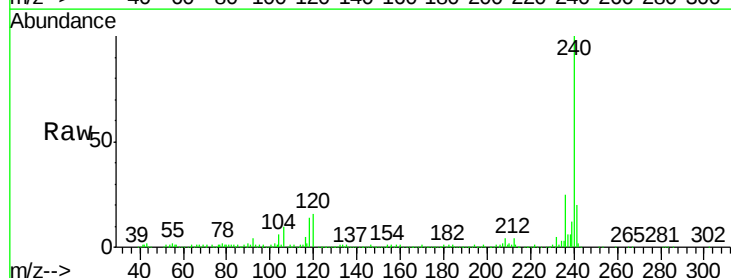
Tgt Ion:240 Resp: 282791

Ion Ratio Lower Upper

240 100

120 15.8 9.5 14.3#

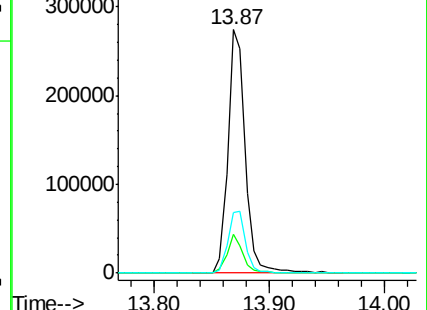
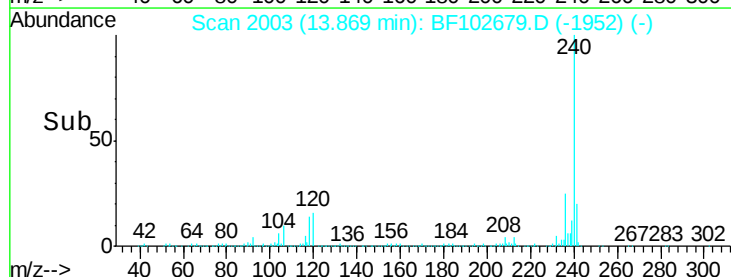
236 24.7 20.7 31.1

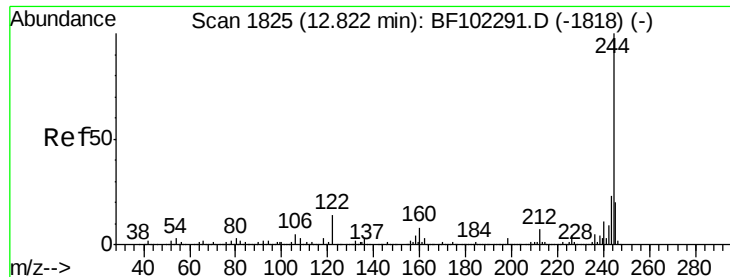


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 62.210 ng

RT: 12.82 min Scan# 1824

Delta R.T. 0.01 min

Lab File: BF102679.D

Acq: 1 Feb 2018 2:23

Instrument :

BNA_F

ClientSampleId :

EPE-106-5(120-122)

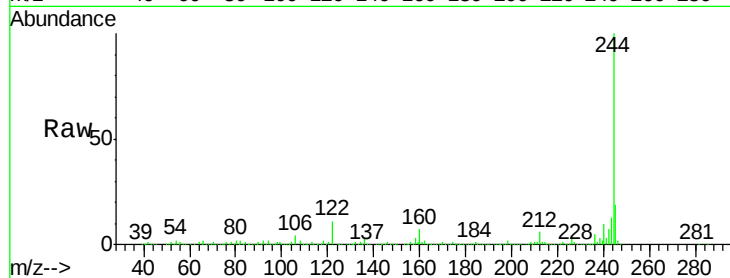
Tot Ion:244 Resp: 780371

Ion Ratio Lower Upper

244 100

212 6.4 5.4 8.0

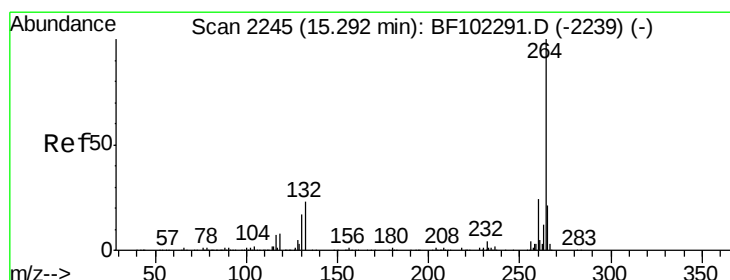
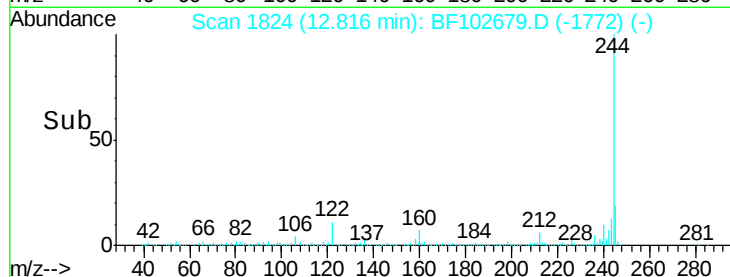
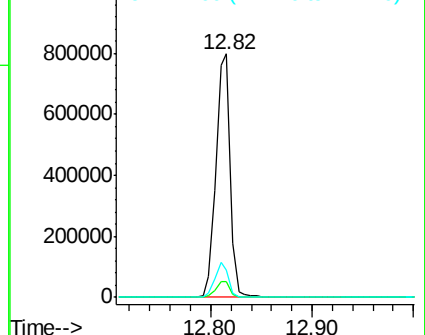
122 11.4 11.0 16.4



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.30 min Scan# 2246

Delta R.T. 0.01 min

Lab File: BF102679.D

Acq: 1 Feb 2018 2:23

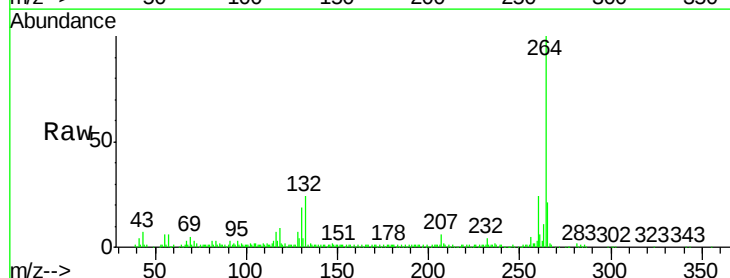
Tgt Ion:264 Resp: 196691

Ion Ratio Lower Upper

264 100

260 23.7 19.2 28.8

265 20.6 17.5 26.3



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

