

Data Path : U:\HPCHEM1\BNA F\DATA\BF011118\
 Data File : BF102036.D
 Acq On : 11 Jan 2018 23:14
 Operator : SJ/JU
 Sample : J1078-02
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB-6-OW(8-32)

Quant Time: Jan 12 02:28:26 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 11 12:53:54 2018
 Response via : Initial Calibration

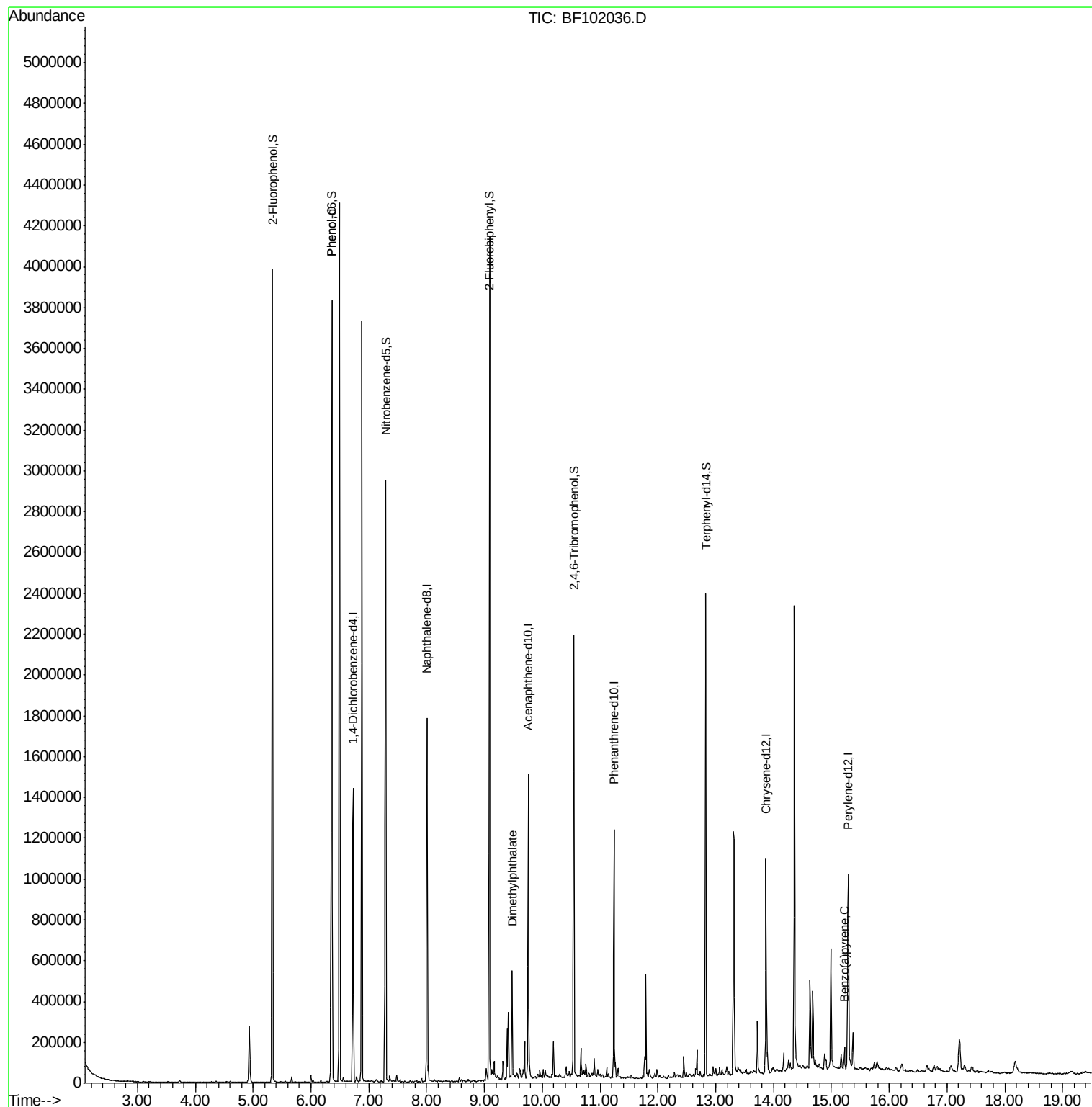
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	201212	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	763333	20.00	ng	0.00
38) Acenaphthene-d10	9.76	164	287169	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	388136	20.00	ng	0.00
75) Chrysene-d12	13.87	240	349856	20.00	ng	0.00
86) Perylene-d12	15.29	264	395542	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	1300287	91.25	ng	0.01
7) Phenol-d6	6.36	99	1491433	87.73	ng	0.00
23) Nitrobenzene-d5	7.29	82	925125	71.22	ng	0.00
41) 2,4,6-Tribromophenol	10.54	330	221004	88.19	ng	0.00
44) 2-Fluorobiphenyl	9.09	172	1258322	68.46	ng	0.00
78) Terphenyl-d14	12.83	244	759832	45.09	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.37	94	80060	4.167	ng	94
49) Dimethylphthalate	9.48	163	173702	7.540	ng	99
89) Benzo(a)pyrene	15.23	252	47239	2.035	ng	# 94

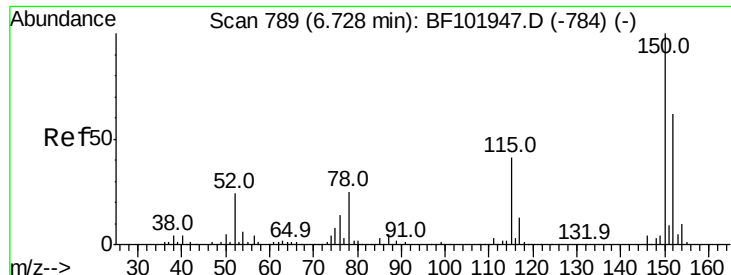
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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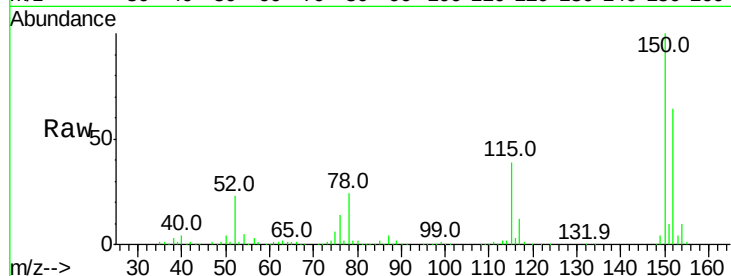


#1

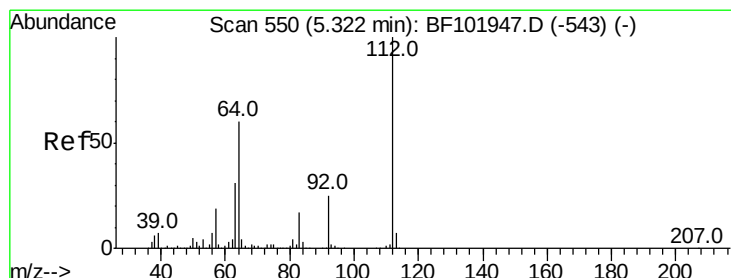
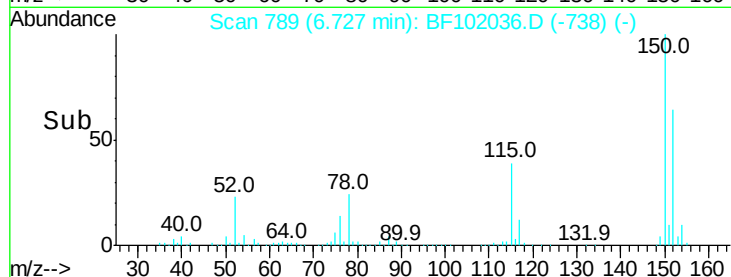
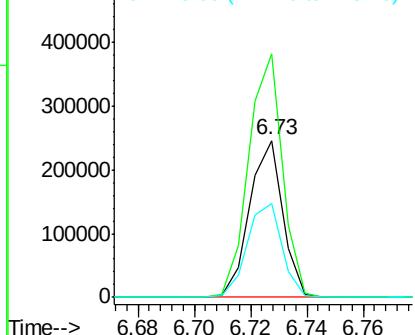
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.00 min
Lab File: BF102036.D
Acq: 11 Jan 2018 23:14

Instrument :
BNA_F
ClientSampleId :
PB-6-OW(8-32)

Tot Ion:152 Resp: 201212
Ion Ratio Lower Upper
152 100
150 155.1 124.6 186.8
115 59.9 50.1 75.1



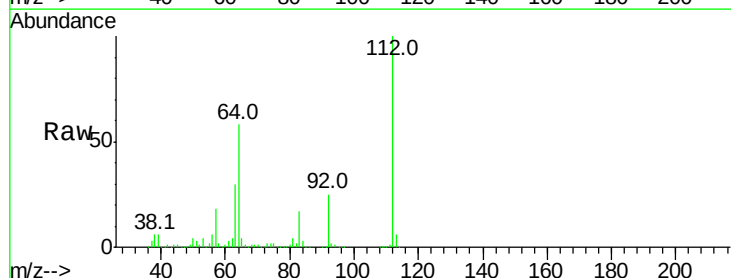
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



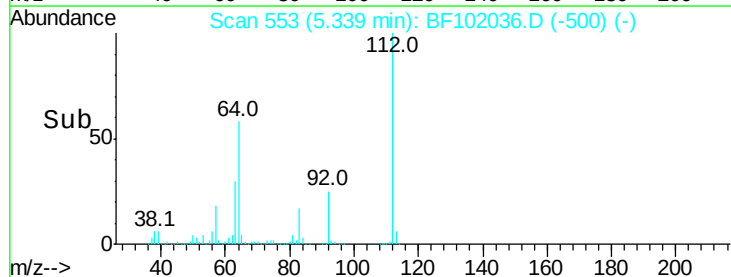
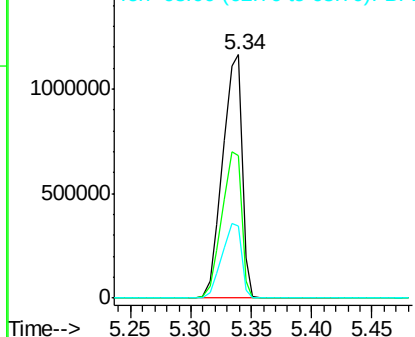
#5

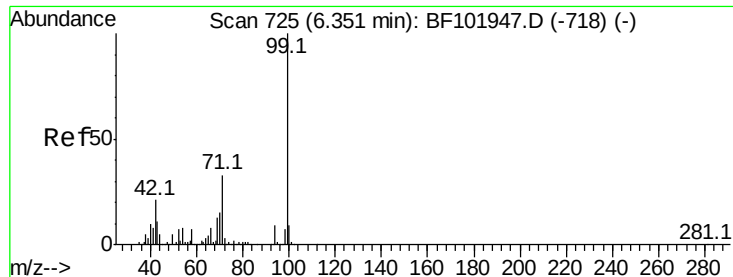
2-Fluorophenol
Concen: 91.253 ng
RT: 5.34 min Scan# 553
Delta R.T. 0.01 min
Lab File: BF102036.D
Acq: 11 Jan 2018 23:14

Tgt Ion:112 Resp: 1300287
Ion Ratio Lower Upper
112 100
64 58.3 47.9 71.9
63 29.7 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: 87.727 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.00 min

Lab File: BF102036.D

Acq: 11 Jan 2018 23:14

Instrument :

BNA_F

ClientSampleId :

PB-6-OW(8-32)

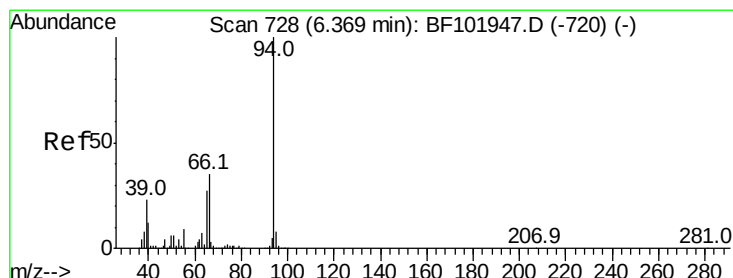
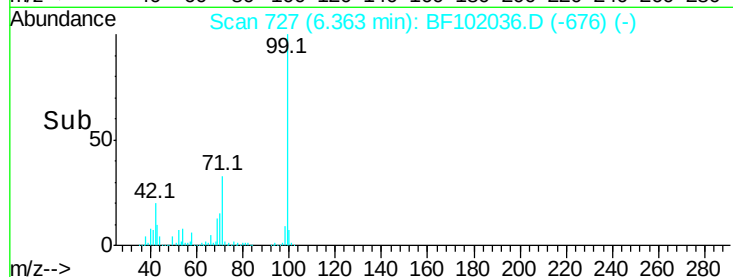
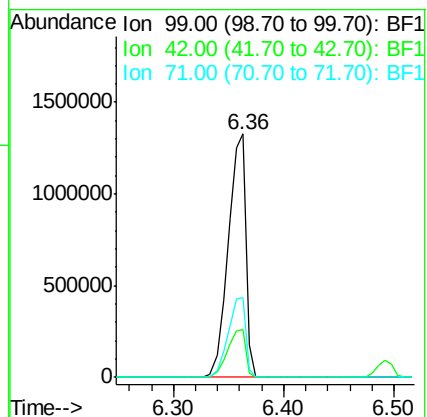
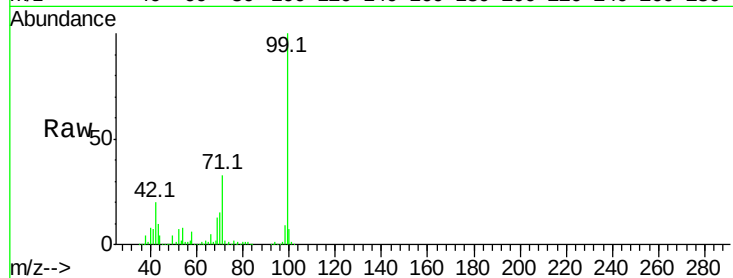
Tot Ion: 99 Resp: 1491433

Ion Ratio Lower Upper

99 100

42 19.5 14.5 21.7

71 32.7 25.4 38.0



#10

Phenol

Concen: 4.167 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF102036.D

Acq: 11 Jan 2018 23:14

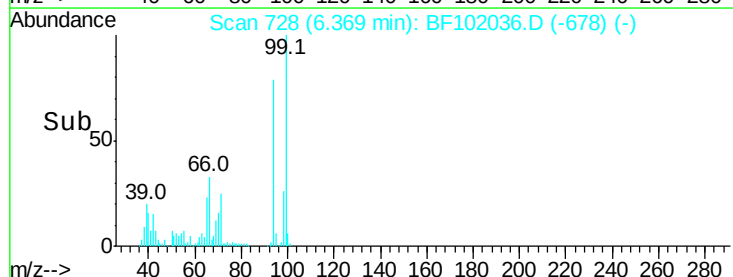
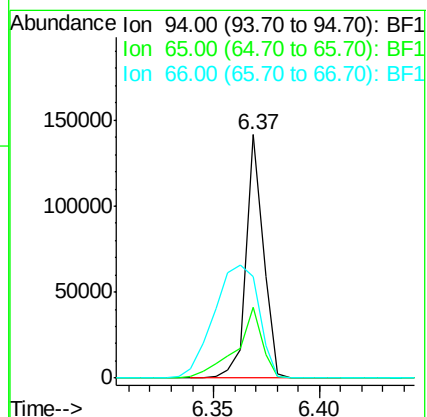
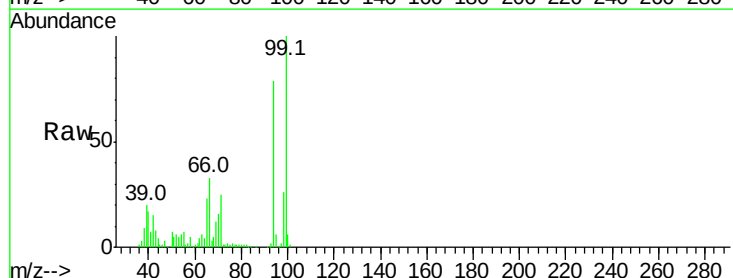
Tgt Ion: 94 Resp: 80060

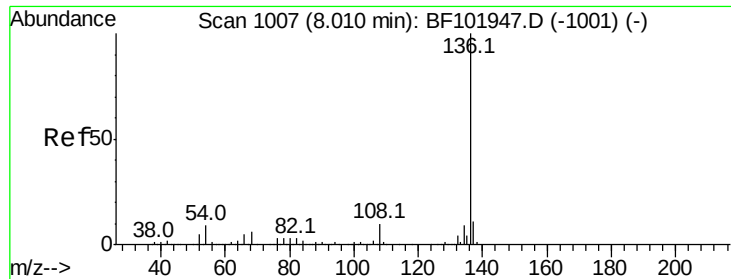
Ion Ratio Lower Upper

94 100

65 29.1 7.9 47.9

66 41.5 16.2 56.2

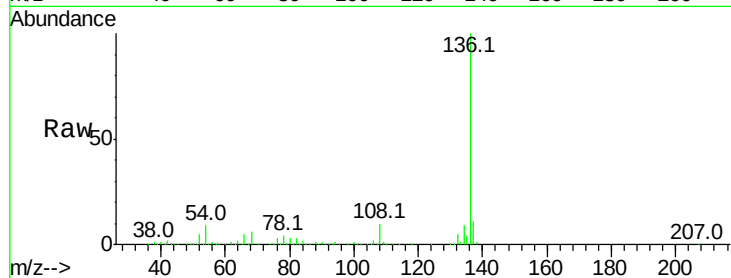




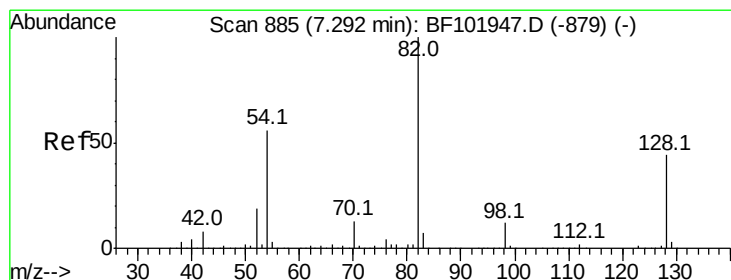
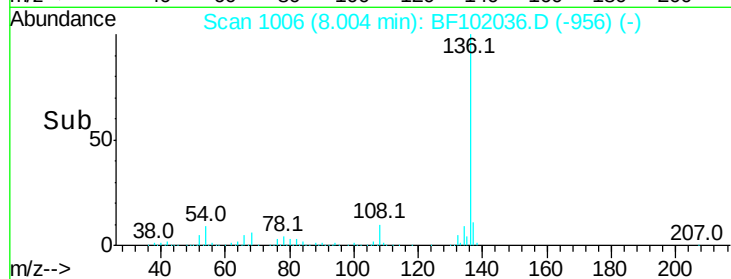
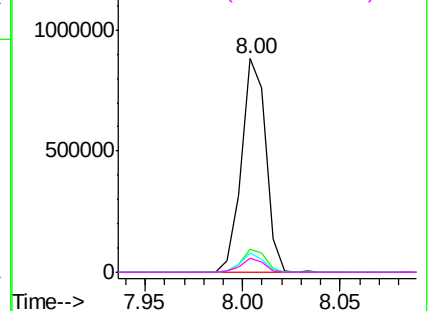
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BF102036.D
Acq: 11 Jan 2018 23:14

Instrument :
BNA_F
ClientSampleId :
PB-6-OW(8-32)

Tot Ion:136	Resp:	763333
Ion Ratio	Lower	Upper
136	100	
137	11.1	8.9 13.3
54	9.2	6.6 9.8
68	6.4	5.0 7.4

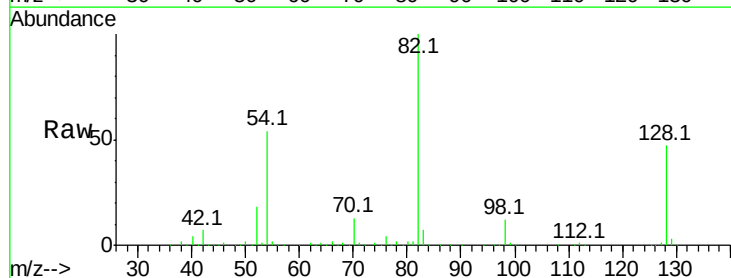


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

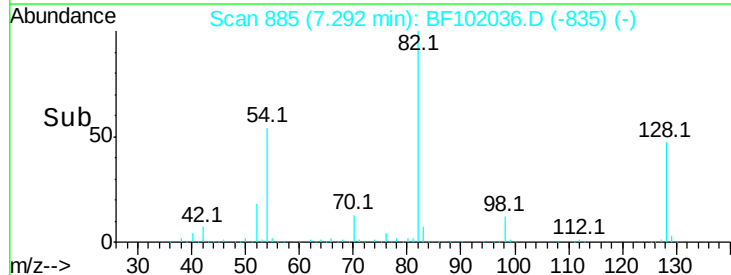
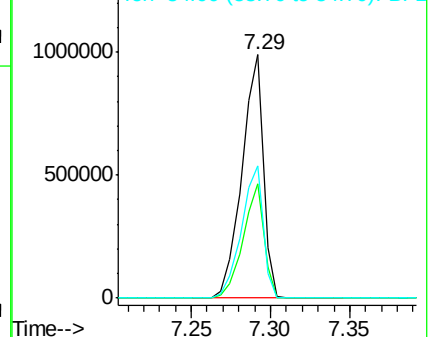


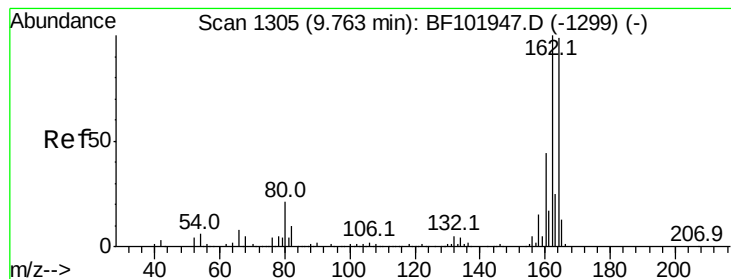
#23
Nitrobenzene-d5
Concen: 71.219 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF102036.D
Acq: 11 Jan 2018 23:14

Tgt Ion: 82	Resp:	925125
Ion Ratio	Lower	Upper
82	100	
128	46.9	36.1 54.1
54	54.2	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: 9.76 min Scan# 1304

Delta R.T. -0.01 min

Lab File: BF102036.D

Acq: 11 Jan 2018 23:14

Instrument :

BNA_F

ClientSampleId :

PB-6-OW(8-32)

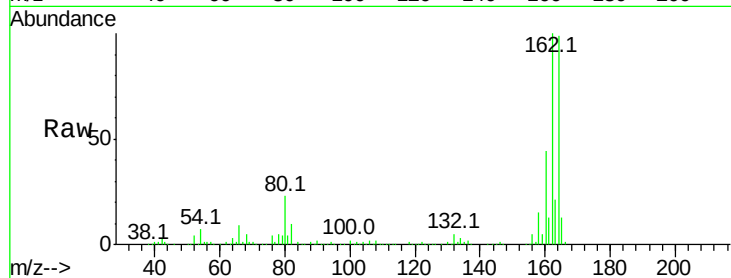
Tot Ion:164 Resp: 287169

Ion Ratio Lower Upper

164 100

162 100.7 86.1 129.1

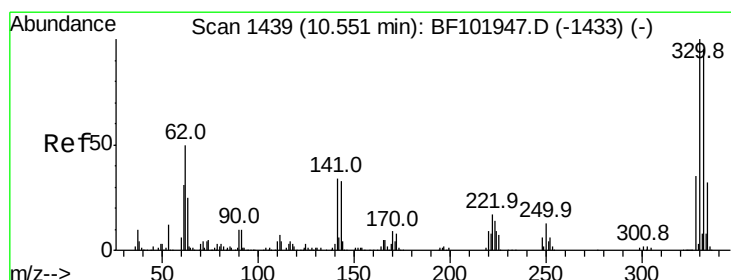
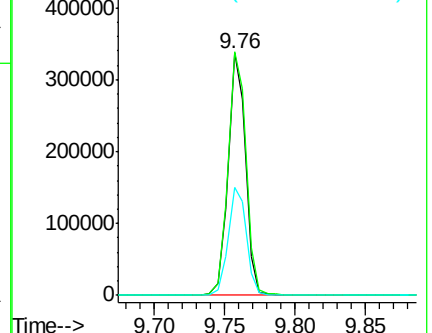
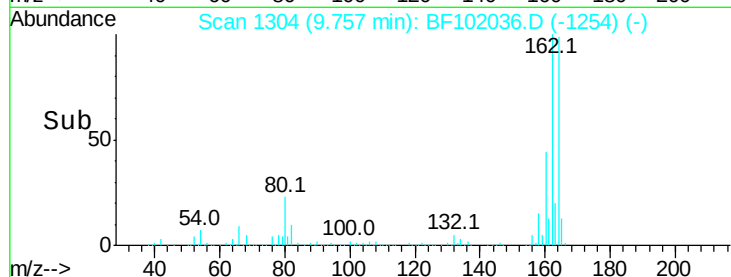
160 44.5 38.3 57.5



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: 88.187 ng

RT: 10.54 min Scan# 1438

Delta R.T. -0.01 min

Lab File: BF102036.D

Acq: 11 Jan 2018 23:14

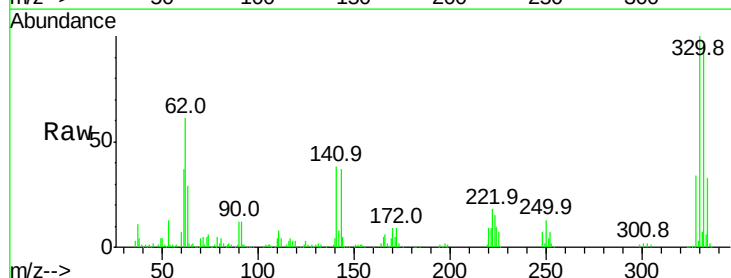
Tgt Ion:330 Resp: 221004

Ion Ratio Lower Upper

330 100

332 96.1 77.0 115.6

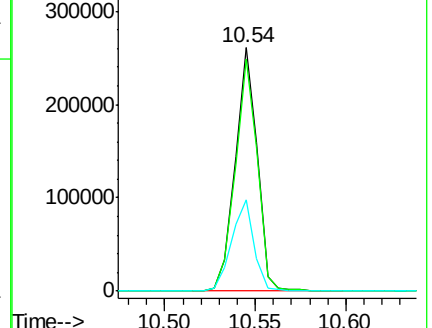
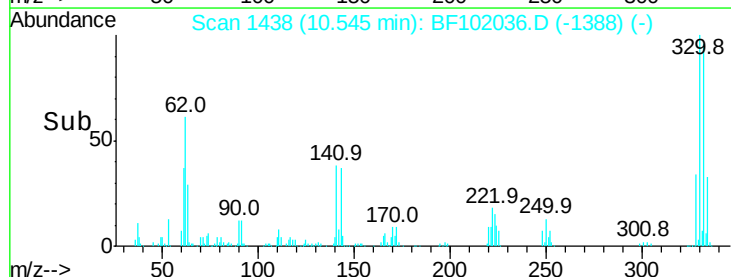
141 38.7 29.9 44.9

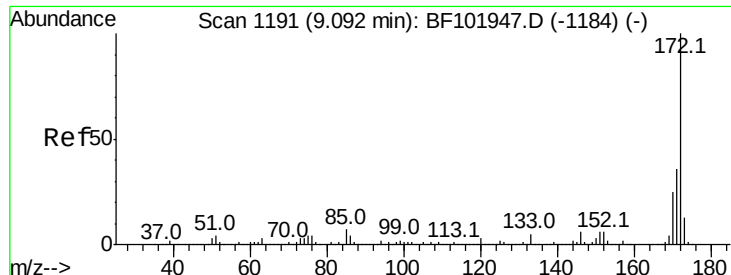


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



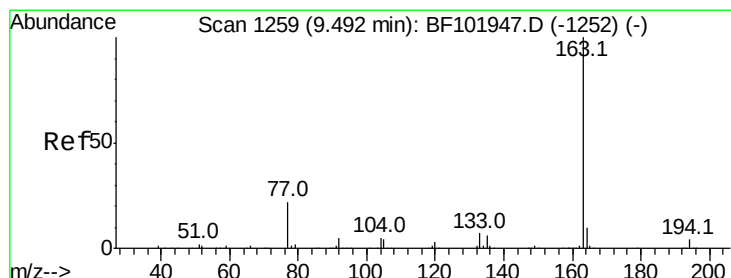
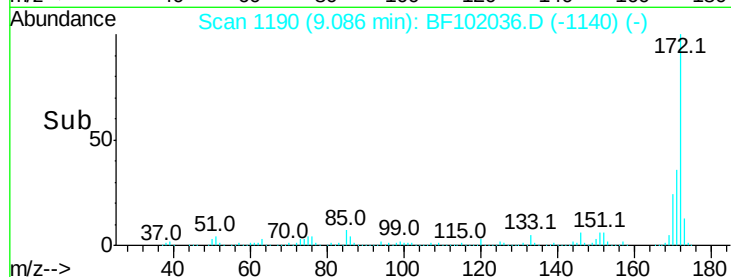
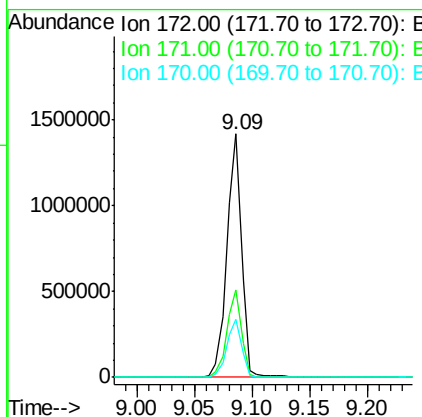
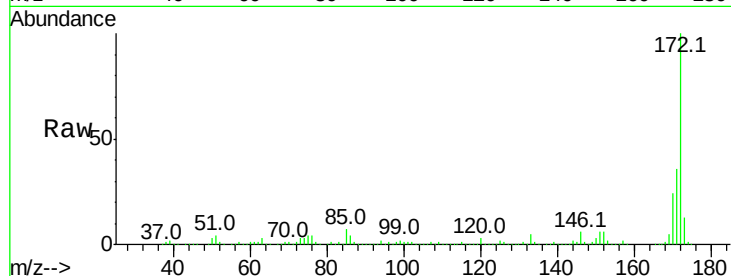


#44
2-Fluorobiphenyl
Concen: 68.456 ng
RT: 9.09 min Scan# 1190
Delta R.T. -0.01 min
Lab File: BF102036.D
Acq: 11 Jan 2018 23:14

Instrument :
BNA_F
ClientSampleId :
PB-6-OW(8-32)

Tot Ion:172 Resp: 1258322

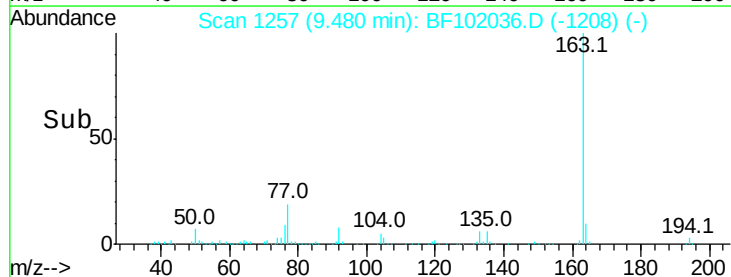
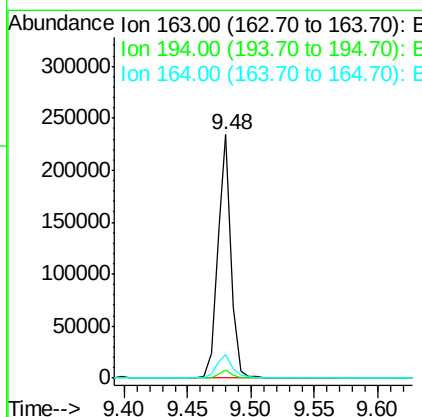
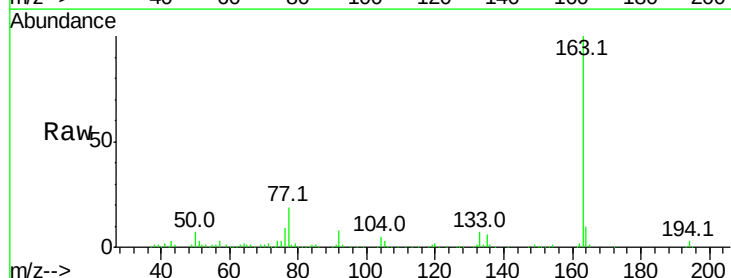
Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.7	44.5
170	24.1	19.6	29.4

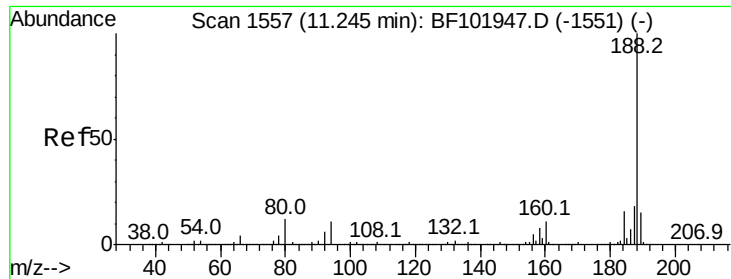


#49
Dimethylphthalate
Concen: 7.540 ng
RT: 9.48 min Scan# 1257
Delta R.T. -0.01 min
Lab File: BF102036.D
Acq: 11 Jan 2018 23:14

Tgt Ion:163 Resp: 173702

Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.7	4.1
164	9.9	8.2	12.2

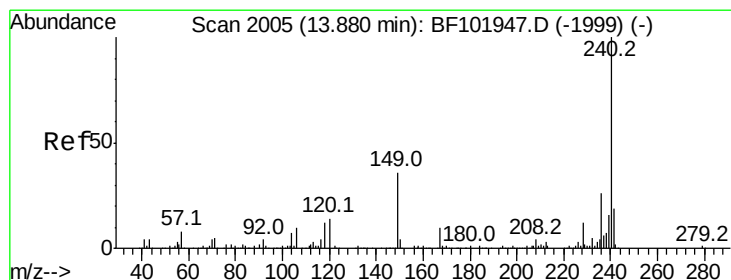
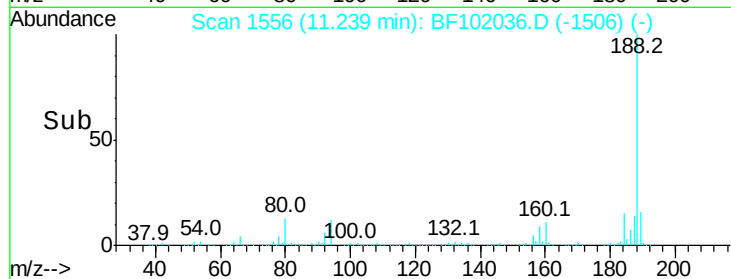
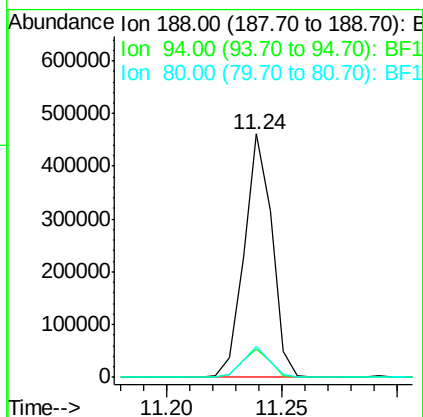
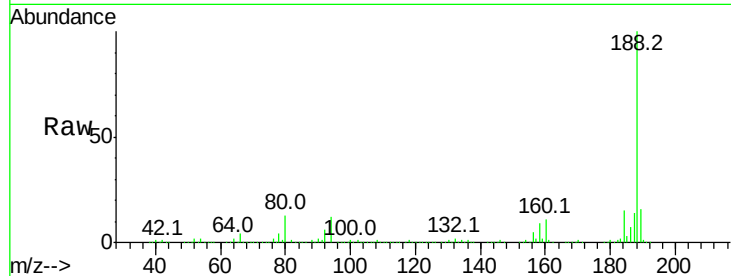




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF102036.D
Acq: 11 Jan 2018 23:14

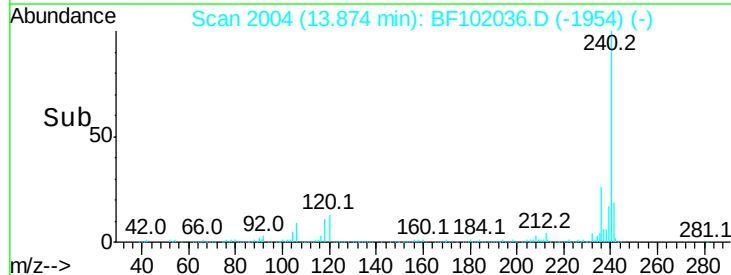
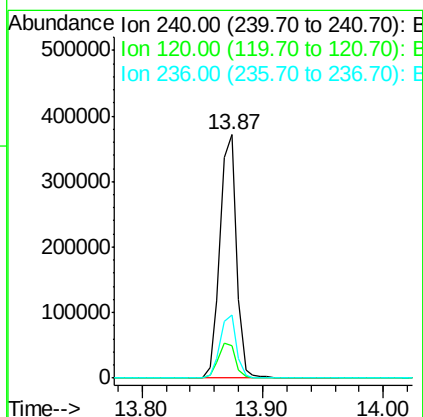
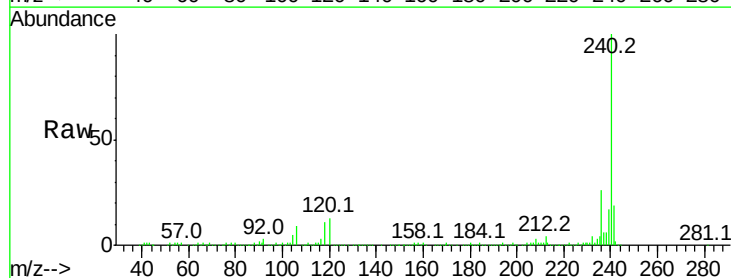
Instrument :
BNA_F
ClientSampleId :
PB-6-OW(8-32)

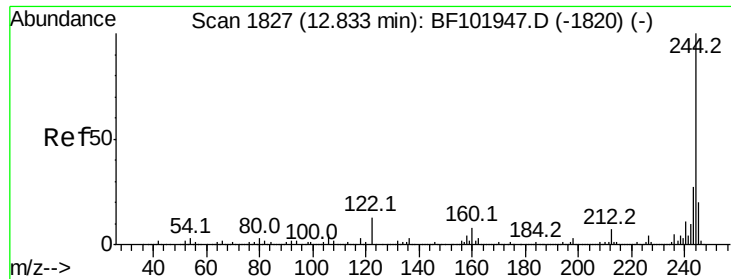
Tot Ion	Ratio	Lower	Upper
188	100		
94	11.7	8.5	12.7
80	13.0	9.2	13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 2004
Delta R.T. -0.01 min
Lab File: BF102036.D
Acq: 11 Jan 2018 23:14

Tgt Ion	Ratio	Lower	Upper
240	100		
120	13.1	9.5	14.3
236	25.8	20.7	31.1

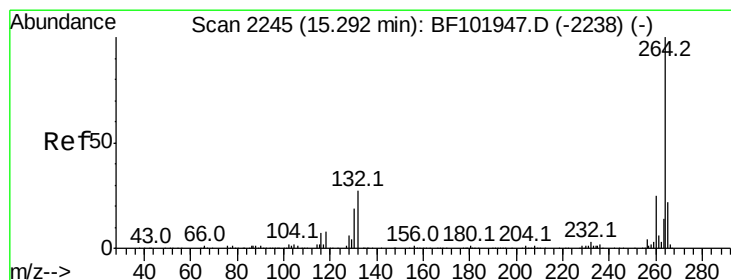
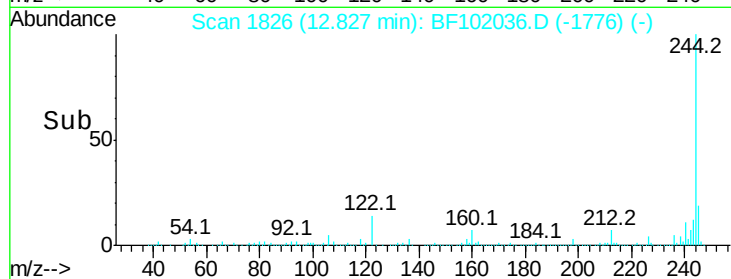
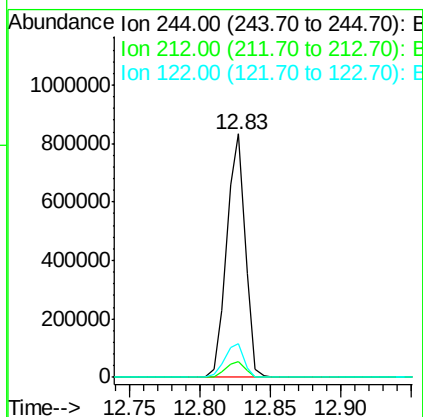
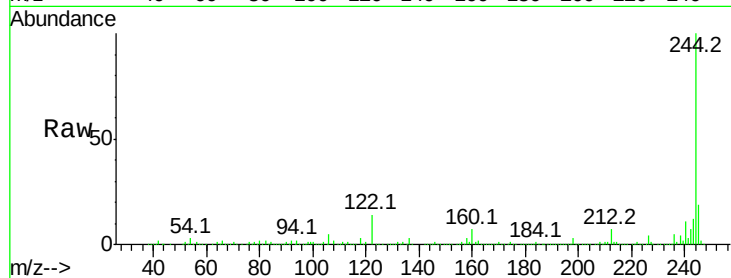




#78
 Terphenyl-d14
 Concen: 45.093 ng
 RT: 12.83 min Scan# 1826
 Delta R.T. -0.01 min
 Lab File: BF102036.D
 Acq: 11 Jan 2018 23:14

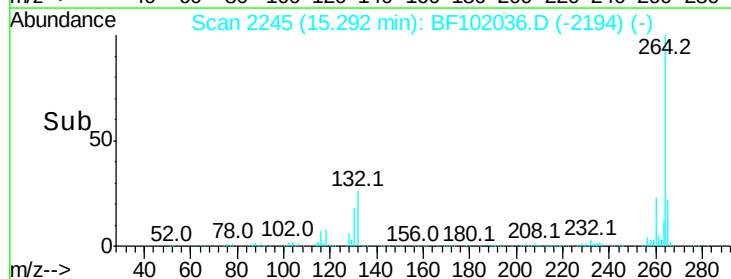
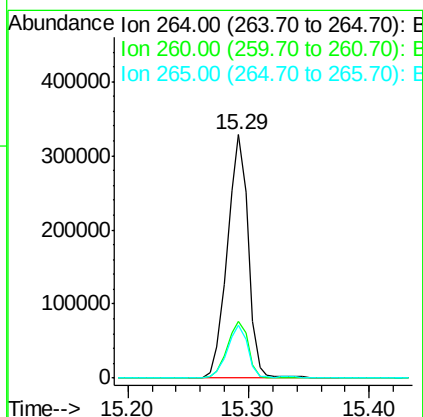
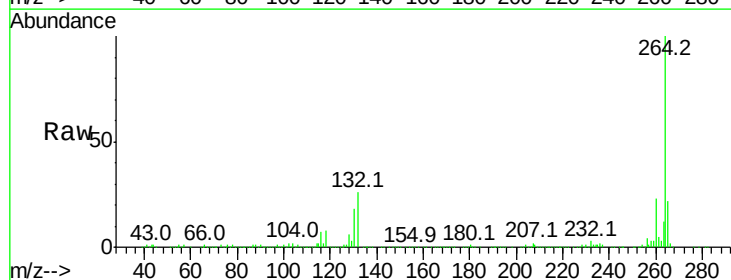
Instrument :
 BNA_F
 ClientSampleId :
 PB-6-OW(8-32)

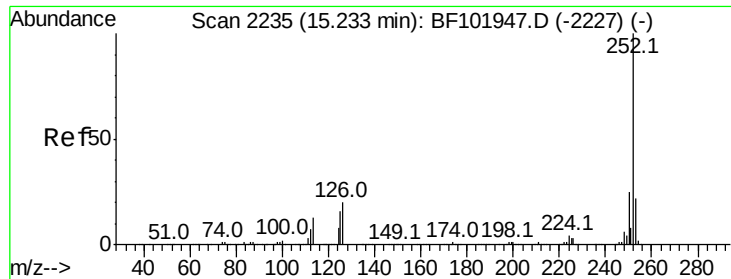
Tot Ion:244 Resp: 759832
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.0
 122 13.9 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.29 min Scan# 2245
 Delta R.T. -0.00 min
 Lab File: BF102036.D
 Acq: 11 Jan 2018 23:14

Tgt Ion:264 Resp: 395542
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.2 28.8
 265 21.9 17.5 26.3





#89

Benzo(a)pyrene

Concen: 2.035 ng

RT: 15.23 min Scan# 2234

Delta R.T. -0.01 min

Lab File: BF102036.D

Acq: 11 Jan 2018 23:14

Instrument :

BNA_F

ClientSampleId :

PB-6-OW(8-32)

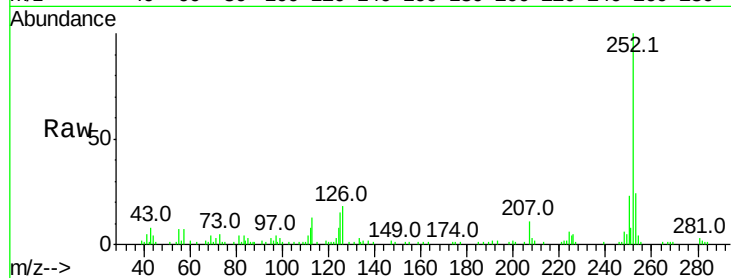
Tot Ion:252 Resp: 47239

Ion Ratio Lower Upper

252 100

253 23.5 17.1 25.7

125 15.2 9.8 14.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

