

Data Path : U:\HPCHEM1\BNA F\DATA\BF011718\
 Data File : BF102154.D
 Acq On : 17 Jan 2018 17:12
 Operator : SJ/JU
 Sample : PB105727BL
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB105727BL

Quant Time: Jan 18 01:52:46 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 17 15:28:18 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	139181	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	569480	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	254790	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	403700	20.00	ng	0.00
75) Chrysene-d12	13.86	240	234973	20.00	ng	-0.01
86) Perylene-d12	15.28	264	242220	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	1148313	116.50	ng	0.02
7) Phenol-d6	6.36	99	1328635	112.98	ng	0.00
23) Nitrobenzene-d5	7.29	82	858101	88.55	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	283124	127.33	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	1518314	93.10	ng	0.00
78) Terphenyl-d14	12.82	244	1109370	98.03	ng	0.00

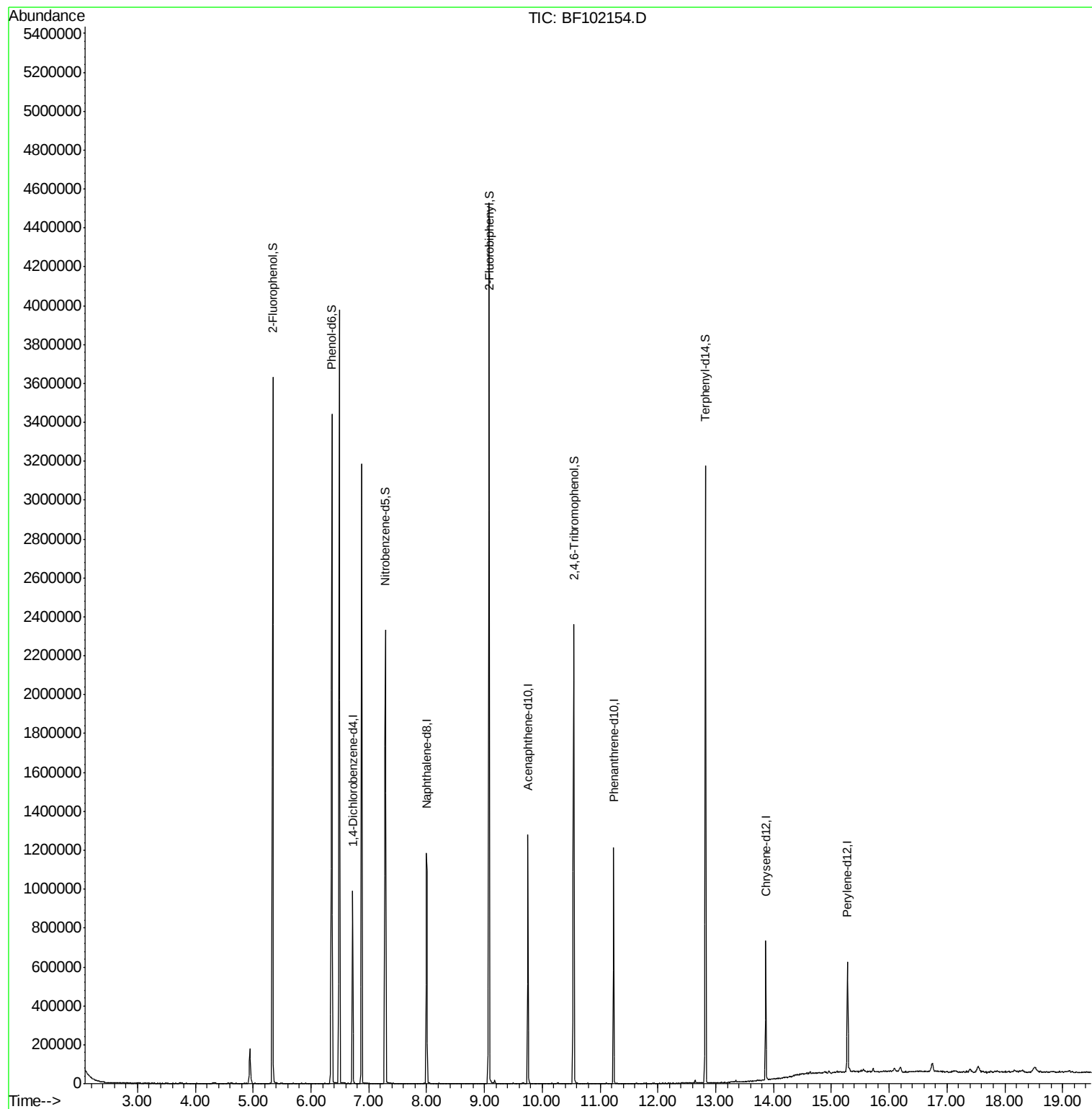
Target Compounds Qvalue

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

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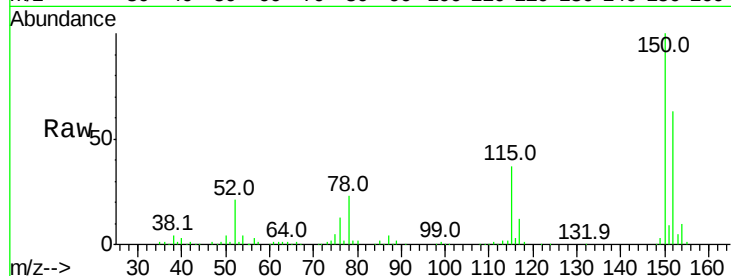


#1

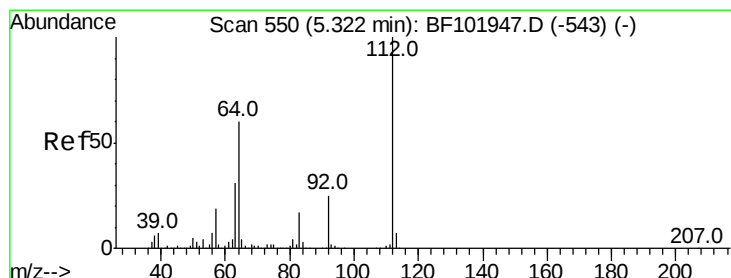
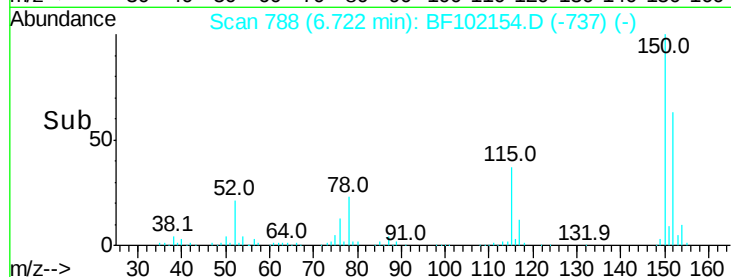
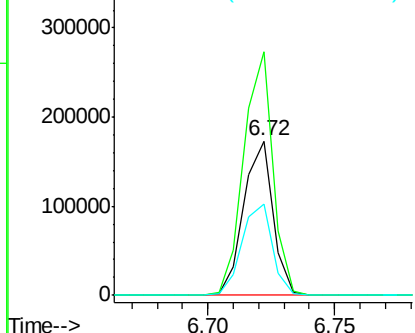
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.00 min
Lab File: BF102154.D
Acq: 17 Jan 2018 17:12

Instrument :
BNA_F
ClientSampleId :
PB105727BL

Tot Ion:152 Resp: 139181
Ion Ratio Lower Upper
152 100
150 157.8 124.6 186.8
115 58.8 50.1 75.1



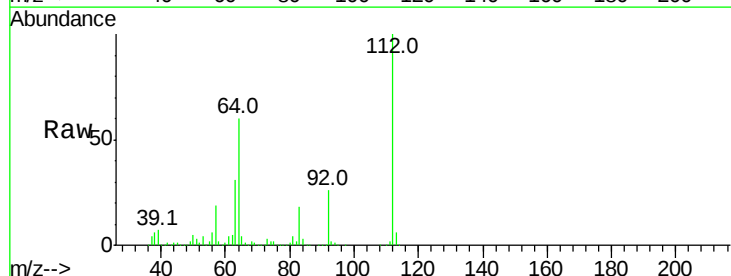
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



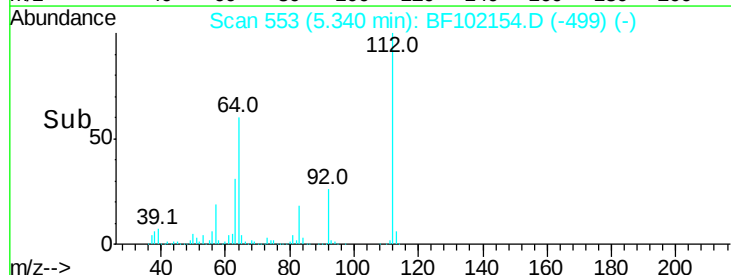
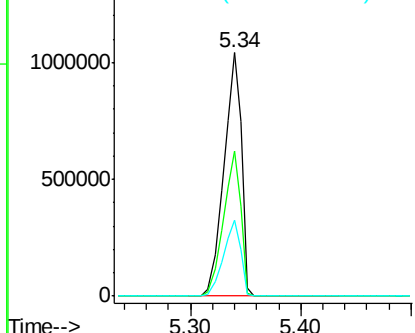
#5

2-Fluorophenol
Concen: 116.504 ng
RT: 5.34 min Scan# 553
Delta R.T. 0.02 min
Lab File: BF102154.D
Acq: 17 Jan 2018 17:12

Tgt Ion:112 Resp: 1148313
Ion Ratio Lower Upper
112 100
64 59.6 47.9 71.9
63 31.0 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: 112.982 ng

RT: 6.36 min Scan# 727

Delta R.T. 0.01 min

Lab File: BF102154.D

Acq: 17 Jan 2018 17:12

Instrument :

BNA_F

ClientSampleId :

PB105727BL

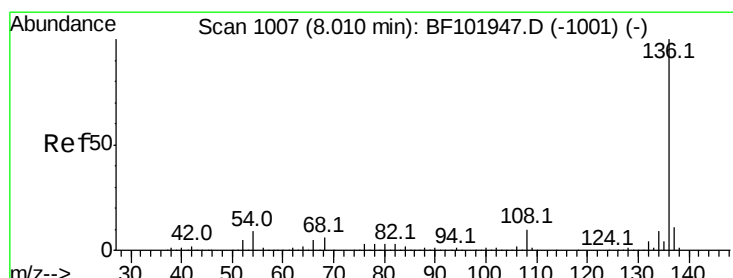
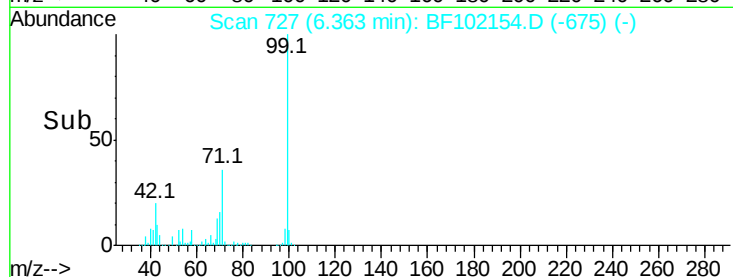
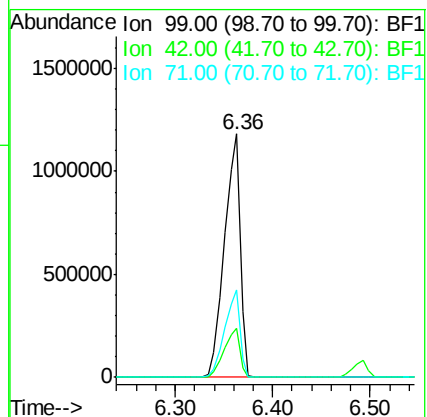
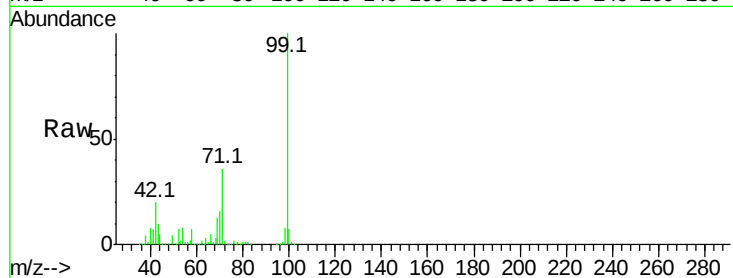
Tot Ion: 99 Resp: 1328635

Ion Ratio Lower Upper

99 100

42 20.2 14.5 21.7

71 35.8 25.4 38.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.00 min Scan# 1005

Delta R.T. -0.01 min

Lab File: BF102154.D

Acq: 17 Jan 2018 17:12

Tgt Ion: 136 Resp: 569480

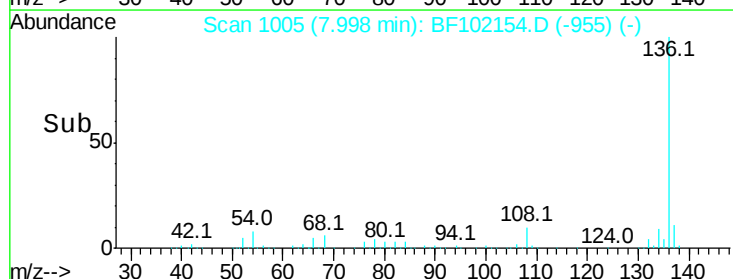
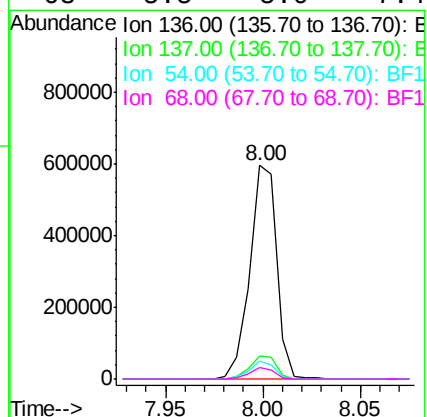
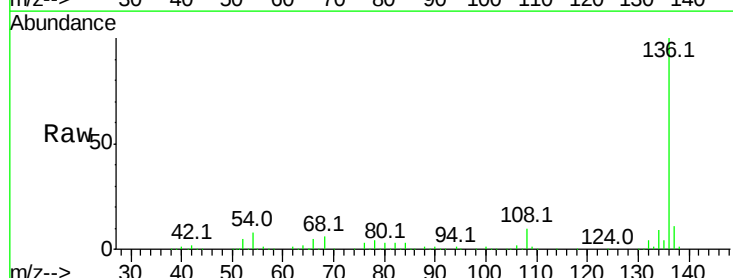
Ion Ratio Lower Upper

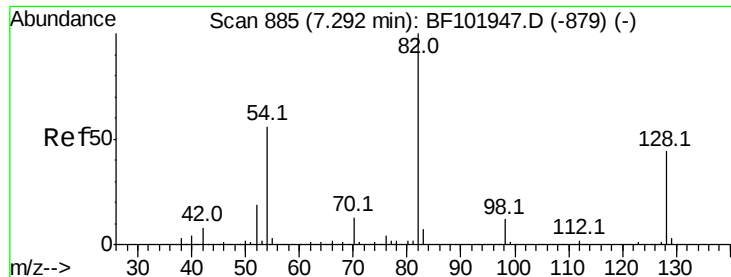
136 100

137 11.0 8.9 13.3

54 8.4 6.6 9.8

68 5.5 5.0 7.4

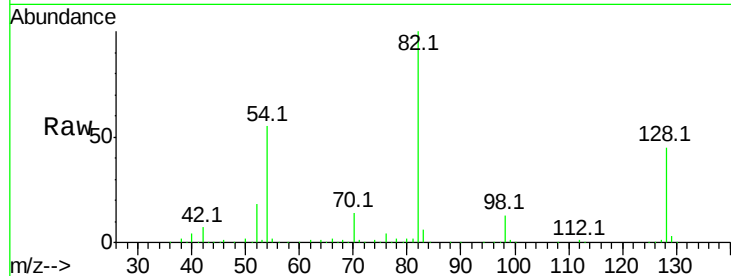




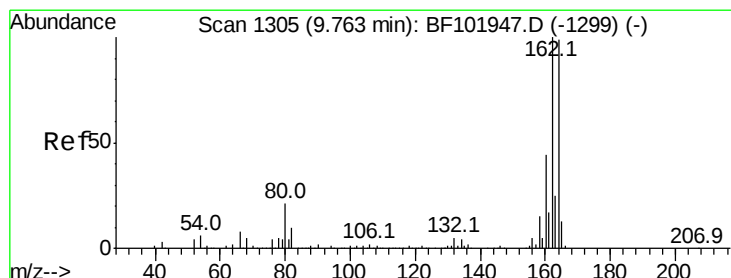
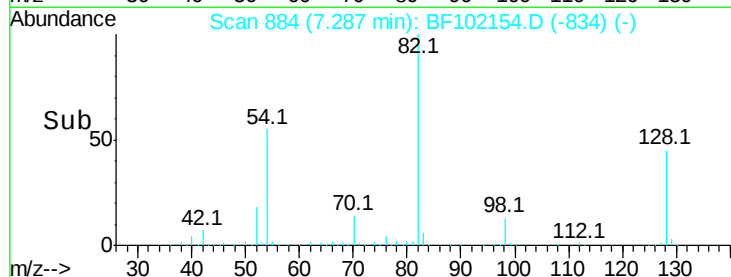
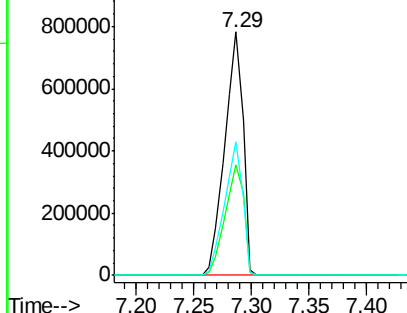
#23
Nitrobenzene-d5
Concen: 88.547 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF102154.D
Acq: 17 Jan 2018 17:12

Instrument :
BNA_F
ClientSampleId :
PB105727BL

Tot Ion: 82 Resp: 858101
Ion Ratio Lower Upper
82 100
128 45.4 36.1 54.1
54 54.7 41.4 62.2

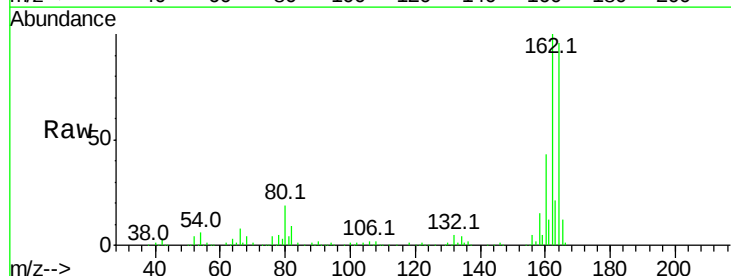


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

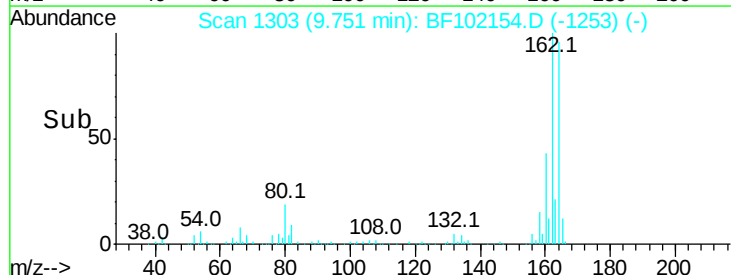
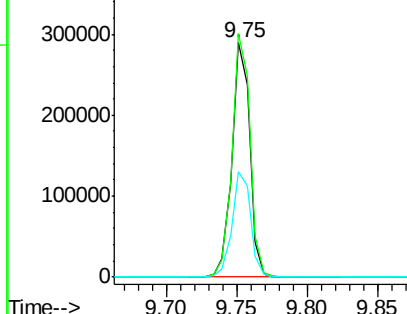


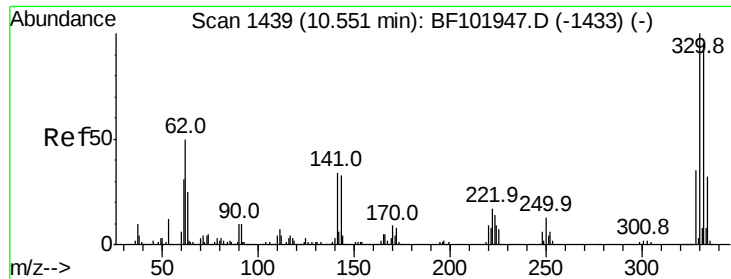
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.75 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BF102154.D
Acq: 17 Jan 2018 17:12

Tgt Ion: 164 Resp: 254790
Ion Ratio Lower Upper
164 100
162 103.8 86.1 129.1
160 44.9 38.3 57.5



Abundance Ion 164.00 (163.70 to 164.70): BF1
Ion 162.00 (161.70 to 162.70): BF1
Ion 160.00 (159.70 to 160.70): BF1

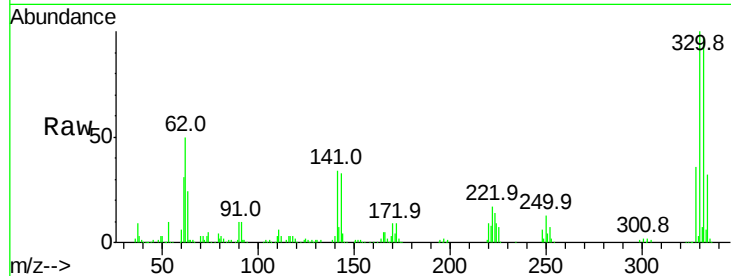




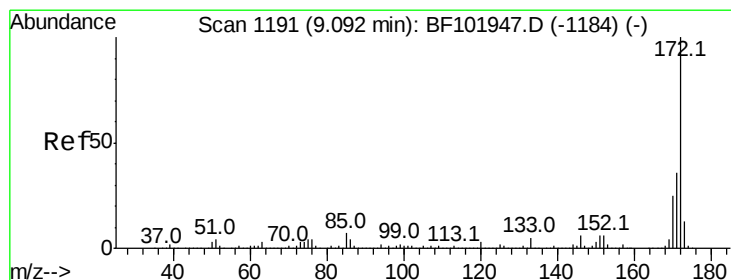
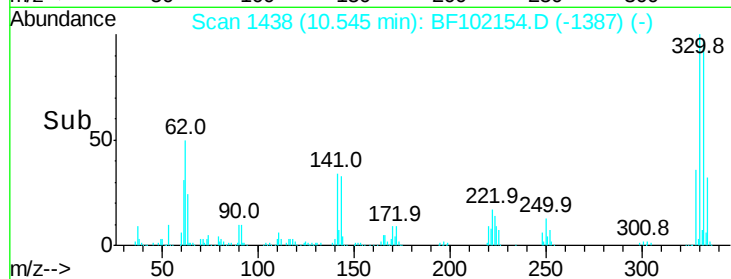
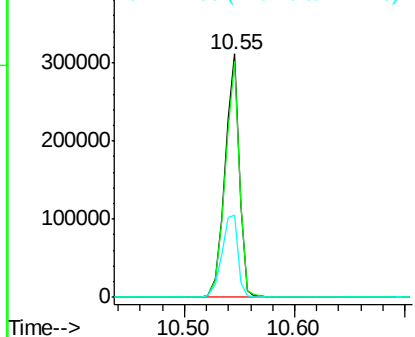
#41
 2,4,6-Tribromophenol
 Concen: 127.331 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.00 min
 Lab File: BF102154.D
 Acq: 17 Jan 2018 17:12

Instrument :
 BNA_F
 ClientSampleId :
 PB105727BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.0	115.6
141	38.2	29.9	44.9

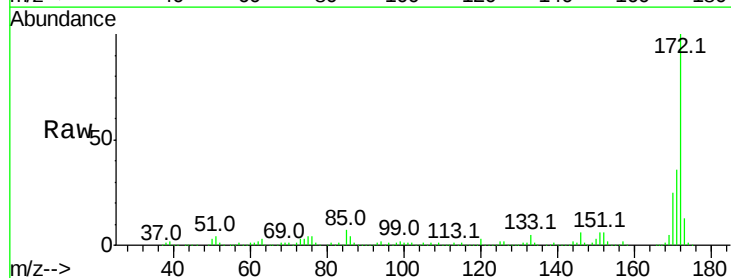


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

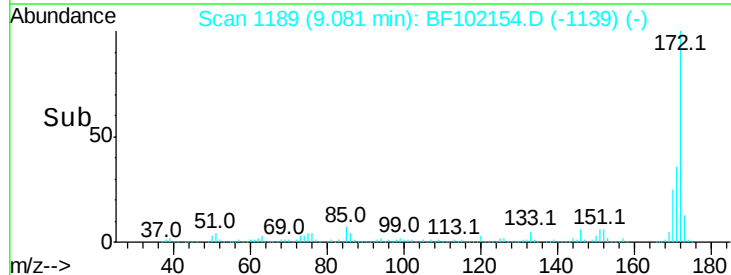
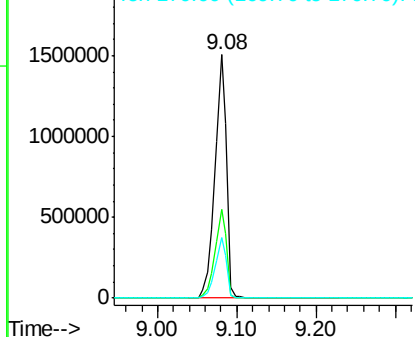


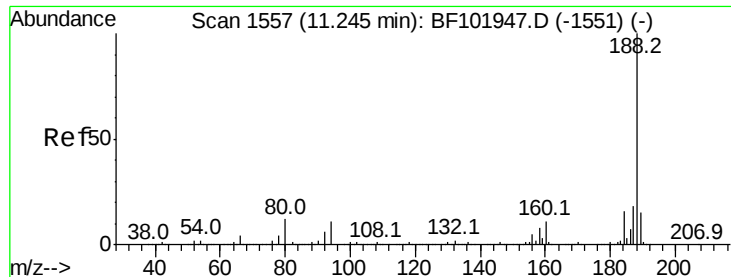
#44
 2-Fluorobiphenyl
 Concen: 93.097 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BF102154.D
 Acq: 17 Jan 2018 17:12

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.7	44.5
170	24.8	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

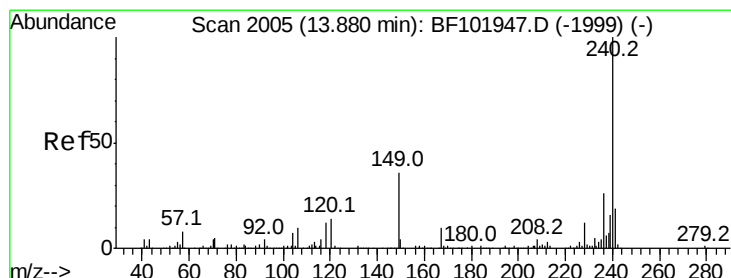
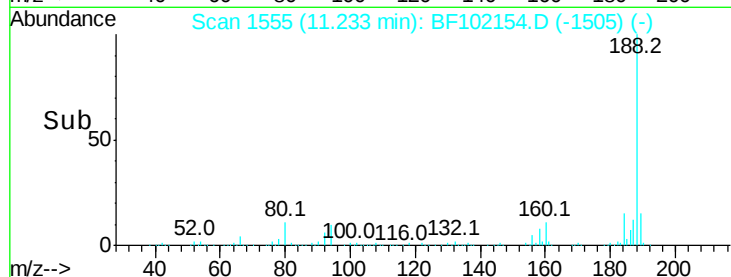
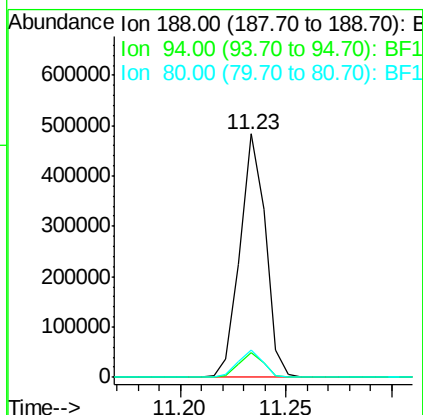
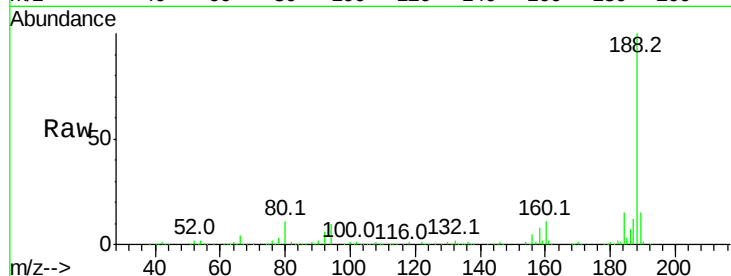




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF102154.D
Acq: 17 Jan 2018 17:12

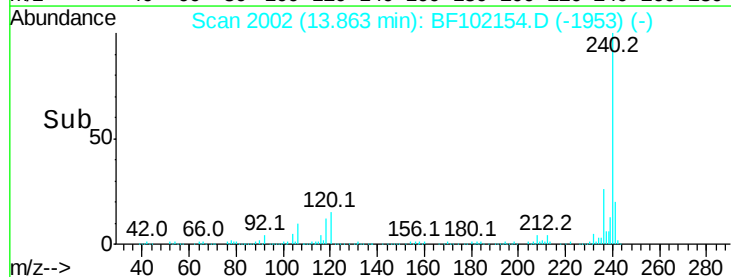
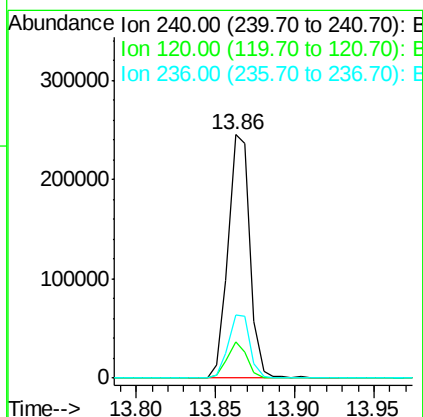
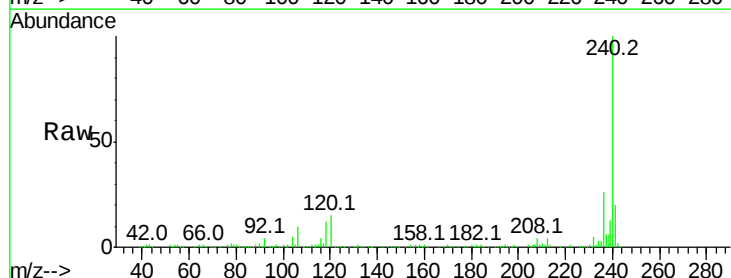
Instrument :
BNA_F
ClientSampleId :
PB105727BL

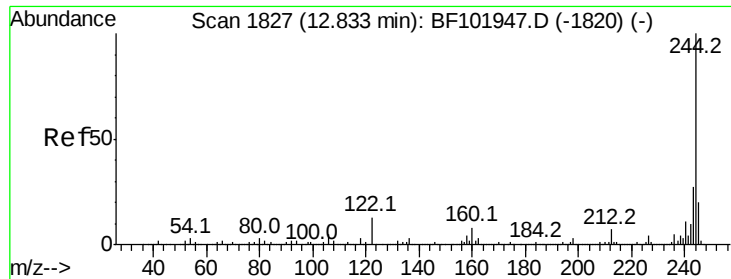
Tot Ion:188 Resp: 403700
Ion Ratio Lower Upper
188 100
94 10.3 8.5 12.7
80 11.1 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BF102154.D
Acq: 17 Jan 2018 17:12

Tgt Ion:240 Resp: 234973
Ion Ratio Lower Upper
240 100
120 15.0 9.5 14.3#
236 26.1 20.7 31.1





#78

Terphenyl-d14

Concen: 98.026 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF102154.D

Acq: 17 Jan 2018 17:12

Instrument :

BNA_F

ClientSampleID :

PB105727BL

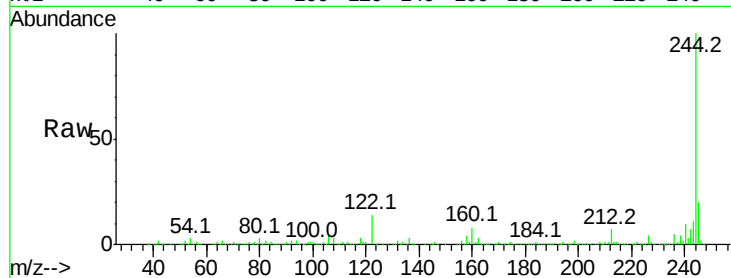
Tot Ion:244 Resp: 1109370

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

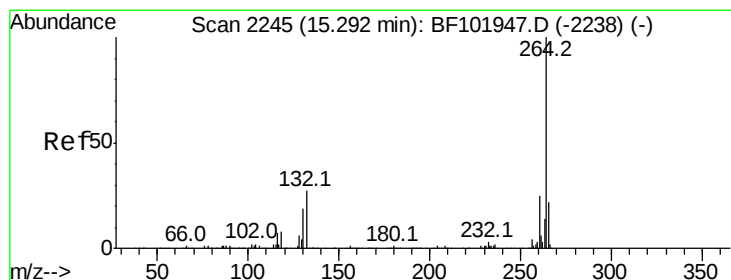
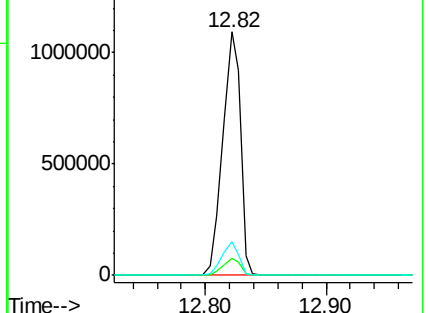
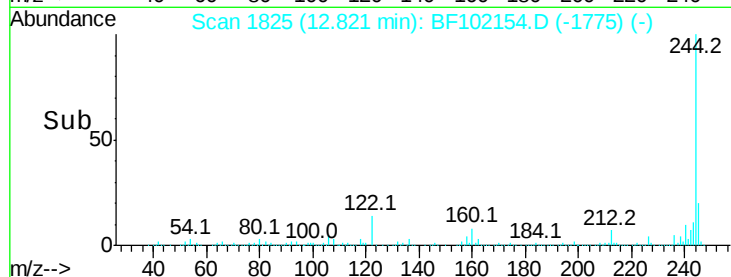
122 13.8 11.0 16.4



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: 15.28 min Scan# 2243

Delta R.T. -0.01 min

Lab File: BF102154.D

Acq: 17 Jan 2018 17:12

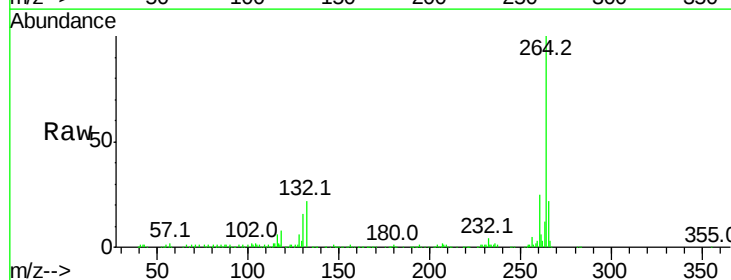
Tgt Ion:264 Resp: 242220

Ion Ratio Lower Upper

264 100

260 25.2 19.2 28.8

265 21.6 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

