

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020618\
 Data File : BF102800.D
 Acq On : 6 Feb 2018 23:25
 Operator : SJ/JU
 Sample : J1459-04
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-A

Quant Time: Feb 07 02:09:23 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 05 12:44:16 2018
 Response via : Initial Calibration

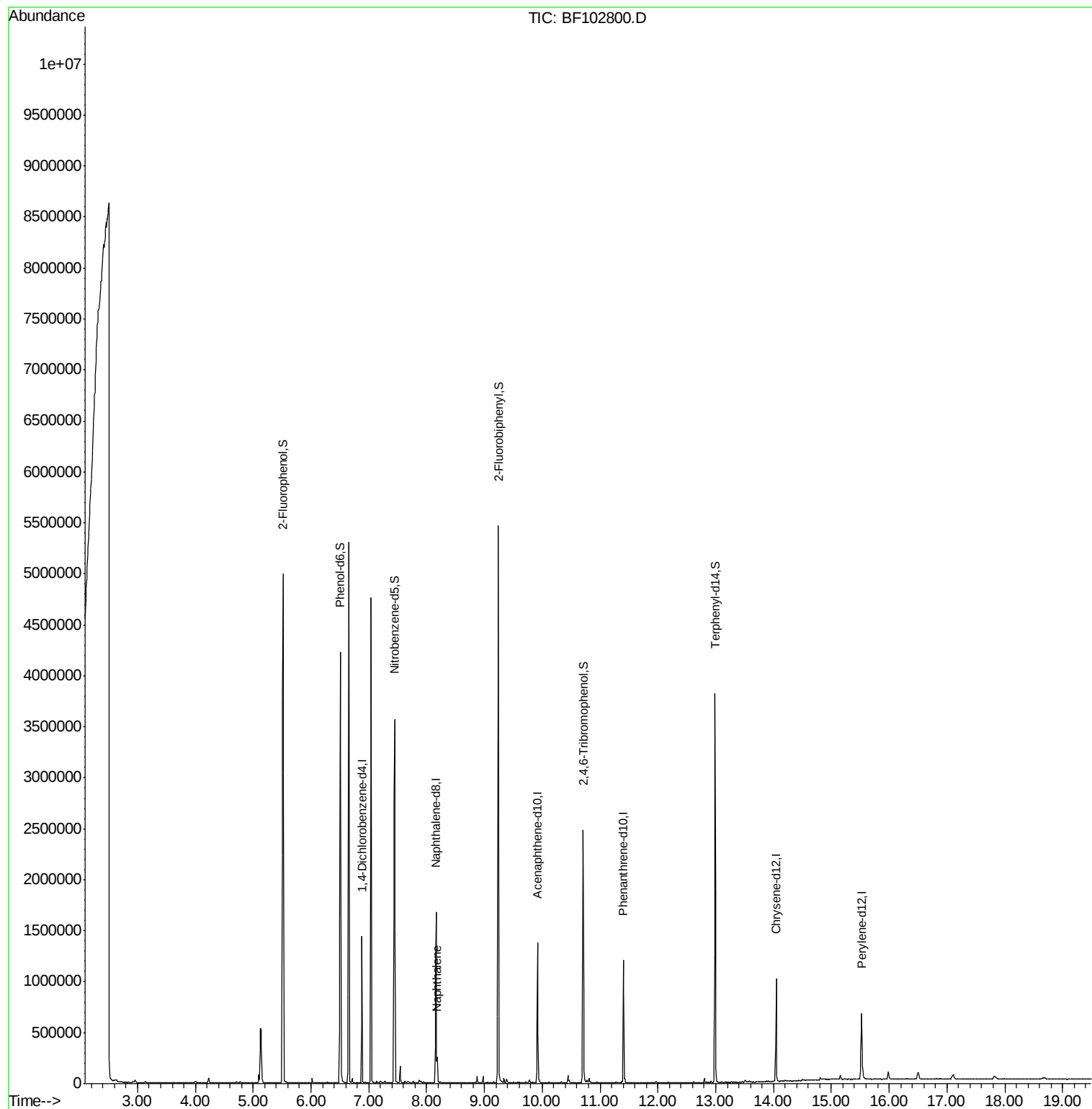
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	189715	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	748810	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	300481	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	411780	20.00	ng	0.00
75) Chrysene-d12	14.04	240	330716	20.00	ng	0.00
86) Perylene-d12	15.52	264	291401	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	1507168	120.65	ng	0.02
7) Phenol-d6	6.51	99	1575140	104.72	ng	0.00
23) Nitrobenzene-d5	7.45	82	1178912	109.22	ng	0.00
41) 2,4,6-Tribromophenol	10.71	330	299425	123.81	ng	0.00
44) 2-Fluorobiphenyl	9.24	172	1955492	107.99	ng	0.00
78) Terphenyl-d14	12.99	244	1264421	90.53	ng	0.00
Target Compounds						
31) Naphthalene	8.19	128	114421	3.128	ng	Qvalue 97

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

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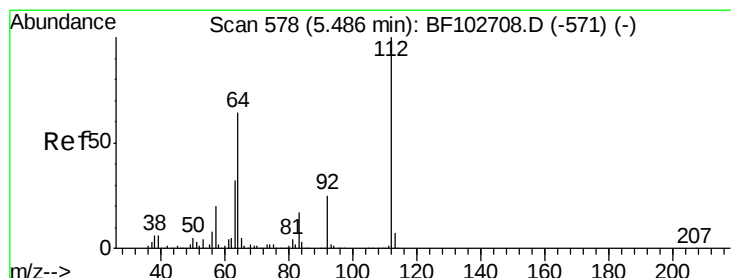
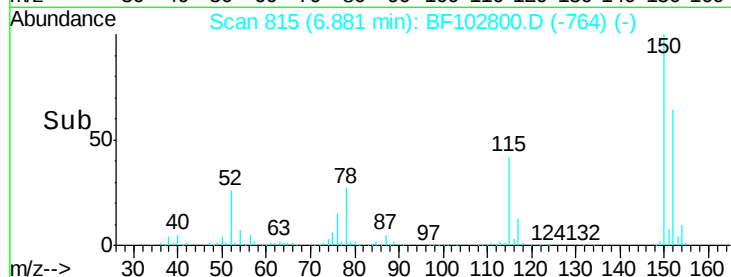
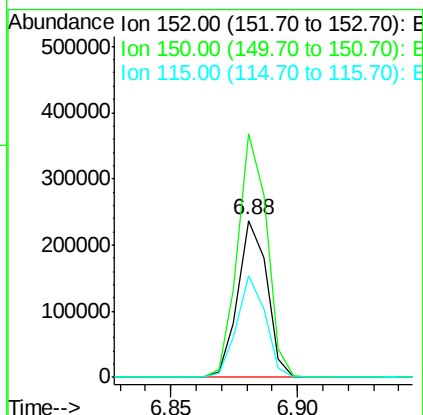
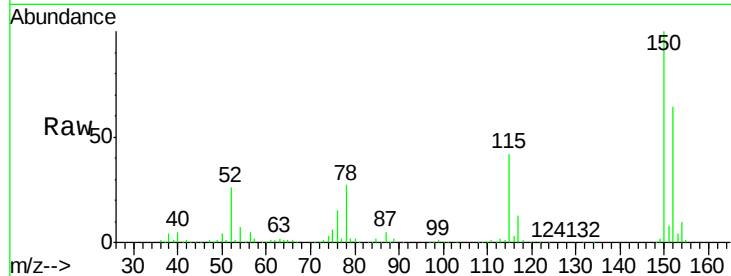


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. 0.00 min
Lab File: BF102800.D
Acq: 6 Feb 2018 23:25

Instrument :
BNA_F
ClientSampleId :
TP-A

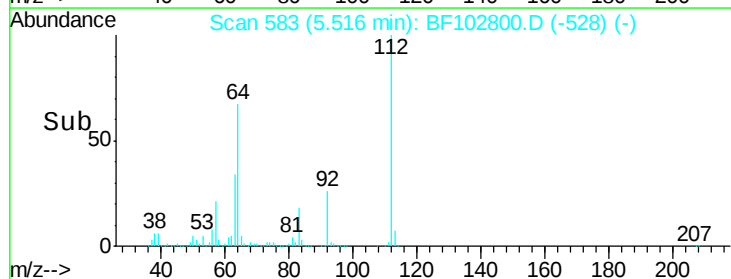
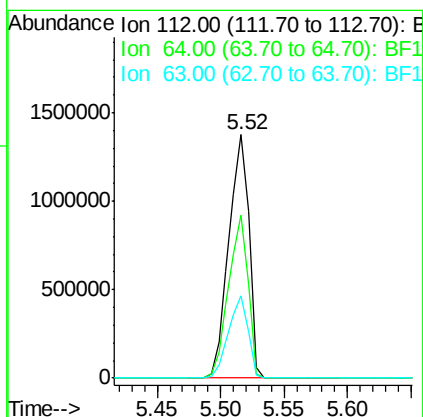
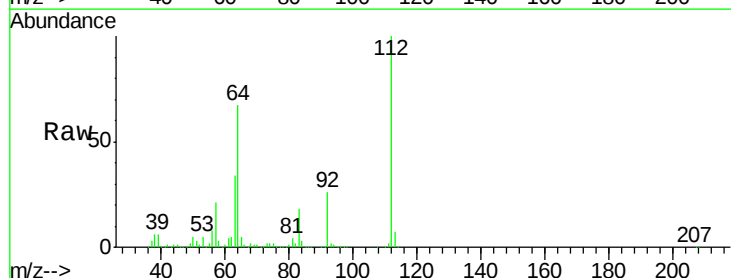
Tot Ion:152 Resp: 189715
Ion Ratio Lower Upper
152 100
150 155.2 124.6 186.8
115 65.0 50.1 75.1



#5

2-Fluorophenol
Concen: 120.649 ng
RT: 5.52 min Scan# 583
Delta R.T. 0.02 min
Lab File: BF102800.D
Acq: 6 Feb 2018 23:25

Tgt Ion:112 Resp: 1507168
Ion Ratio Lower Upper
112 100
64 66.8 47.9 71.9
63 33.6 23.7 35.5





#7

Phenol-d6

Concen: 104.720 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.01 min

Lab File: BF102800.D

Acq: 6 Feb 2018 23:25

Instrument :

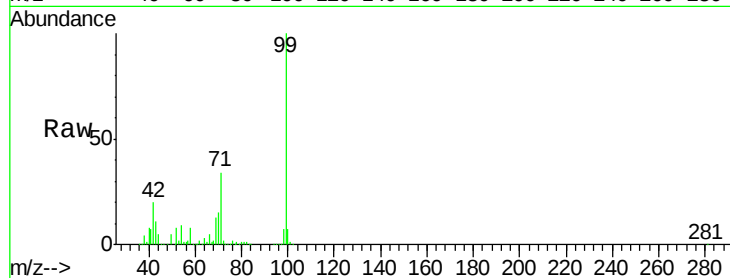
BNA_F

ClientSampleId :

TP-A

Tot Ion: 99 Resp: 1575140

Ion	Ratio	Lower	Upper
99	100		
42	20.2	14.5	21.7
71	33.8	25.4	38.0

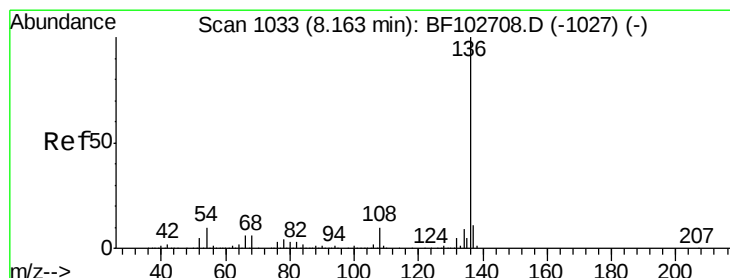
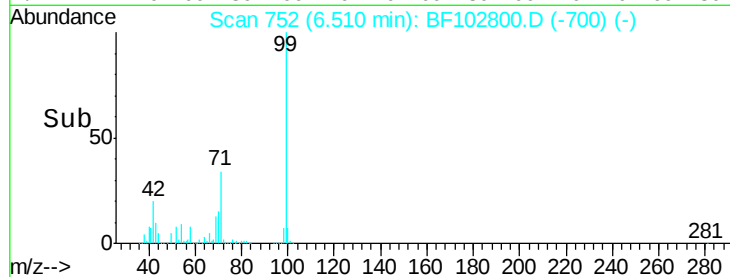


Abundance

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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1033

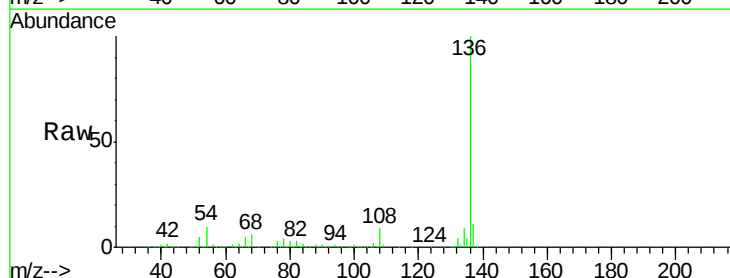
Delta R.T. -0.01 min

Lab File: BF102800.D

Acq: 6 Feb 2018 23:25

Tgt Ion: 136 Resp: 748810

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	9.7	6.6	9.8
68	6.4	5.0	7.4



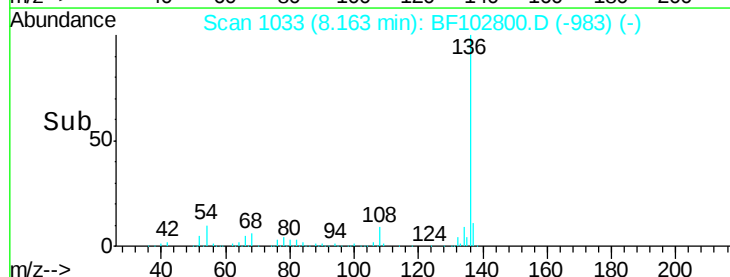
Abundance

Ion 136.00 (135.70 to 136.70): BF1

Ion 137.00 (136.70 to 137.70): BF1

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1

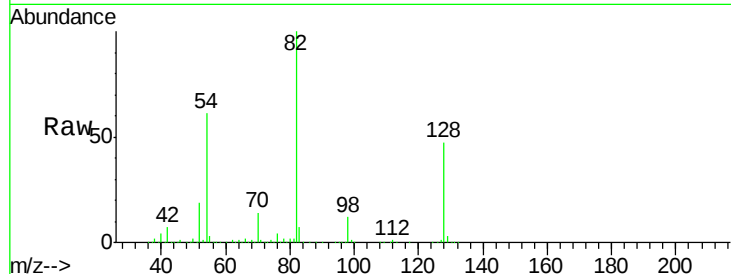




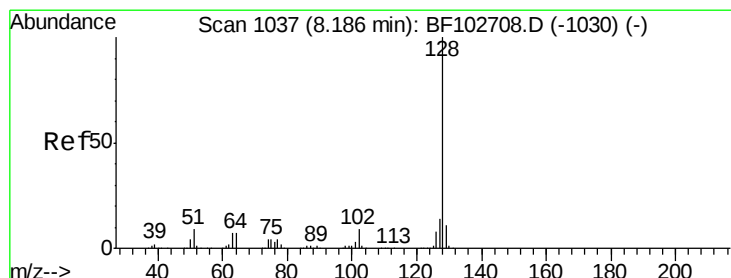
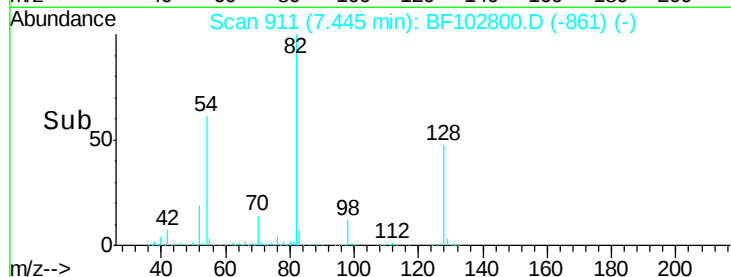
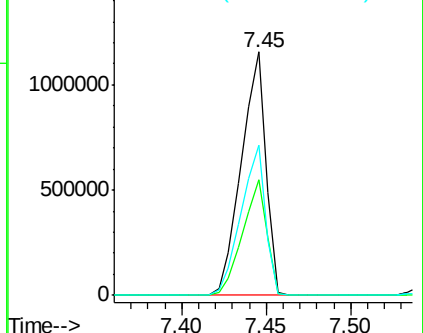
#23
Nitrobenzene-d5
Concen: 109.216 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF102800.D
Acq: 6 Feb 2018 23:25

Instrument :
BNA_F
ClientSampleId :
TP-A

Tot Ion: 82 Resp: 1178912
Ion Ratio Lower Upper
82 100
128 47.4 36.1 54.1
54 61.5 41.4 62.2

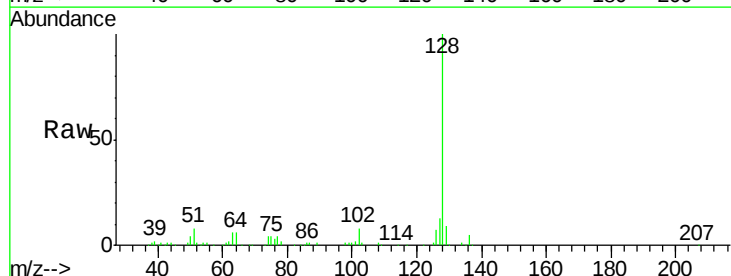


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

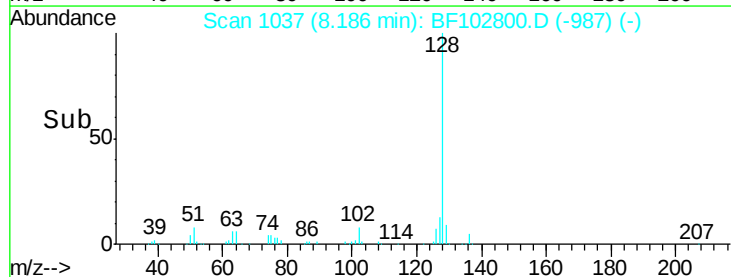
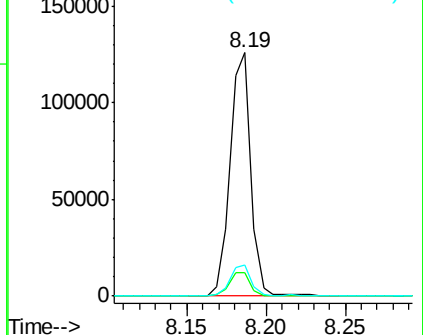


#31
Naphthalene
Concen: 3.128 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BF102800.D
Acq: 6 Feb 2018 23:25

Tgt Ion:128 Resp: 114421
Ion Ratio Lower Upper
128 100
129 9.4 8.8 13.2
127 12.8 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

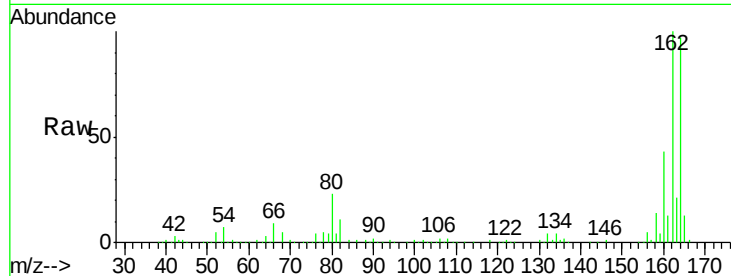




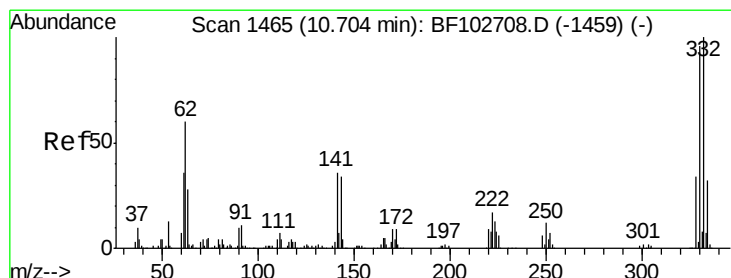
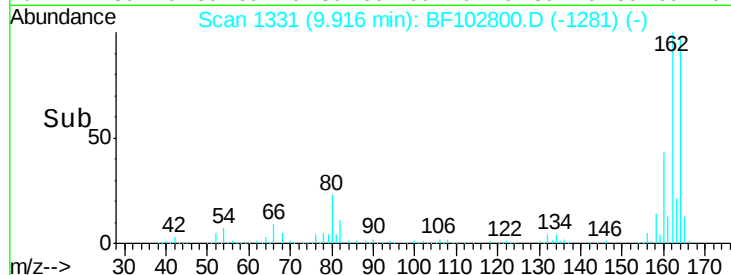
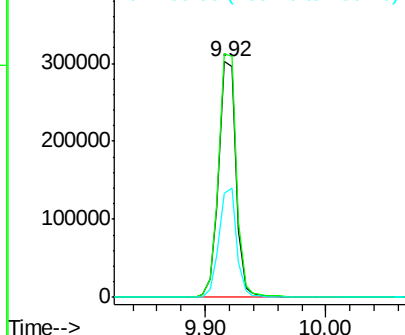
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF102800.D
Acq: 6 Feb 2018 23:25

Instrument :
BNA_F
ClientSampleId :
TP-A

Tot Ion:164 Resp: 300481
Ion Ratio Lower Upper
164 100
162 103.4 86.1 129.1
160 44.4 38.3 57.5

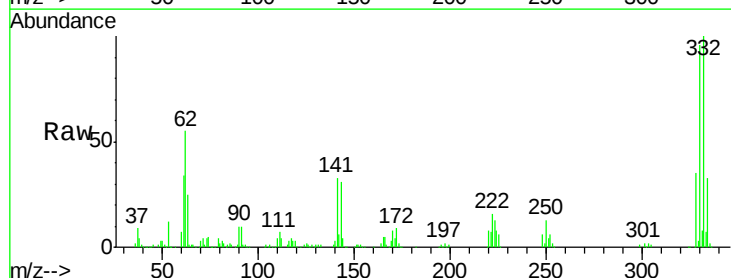


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

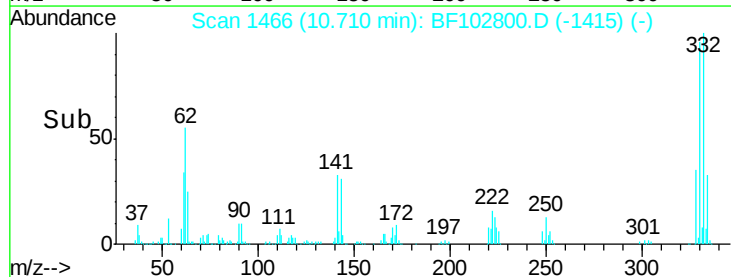
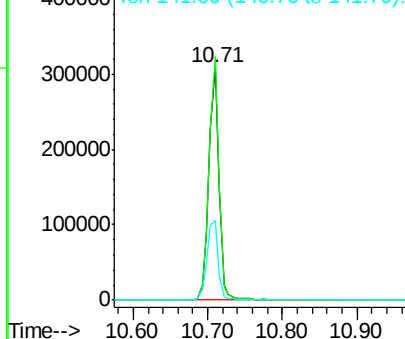


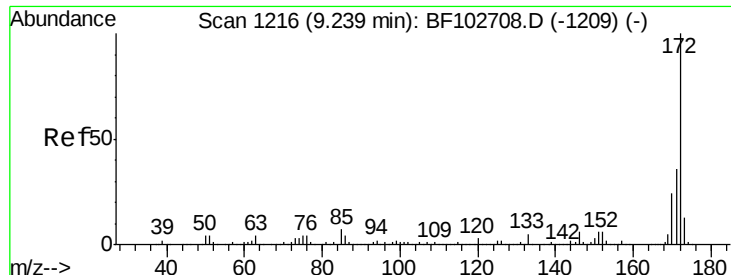
#41
2,4,6-Tribromophenol
Concen: 123.805 ng
RT: 10.71 min Scan# 1466
Delta R.T. 0.00 min
Lab File: BF102800.D
Acq: 6 Feb 2018 23:25

Tgt Ion:330 Resp: 299425
Ion Ratio Lower Upper
330 100
332 100.8 77.0 115.6
141 37.0 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



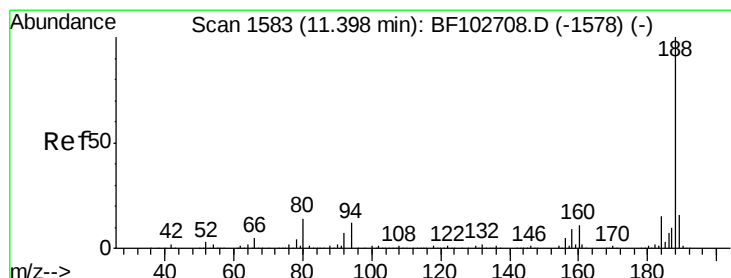
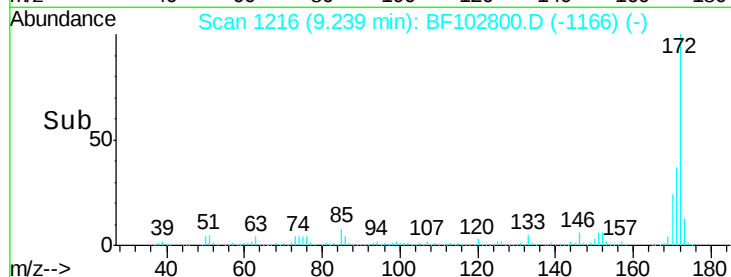
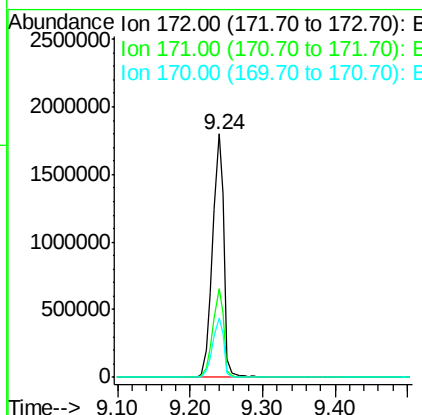
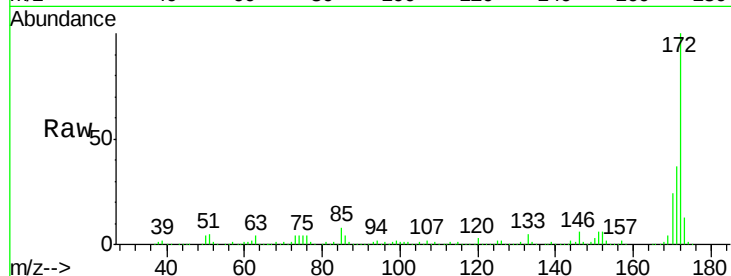


#44
 2-Fluorobiphenyl
 Concen: 107.989 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: BF102800.D
 Acq: 6 Feb 2018 23:25

Instrument :
 BNA_F
 ClientSampleId :
 TP-A

Tot Ion:172 Resp: 1955492

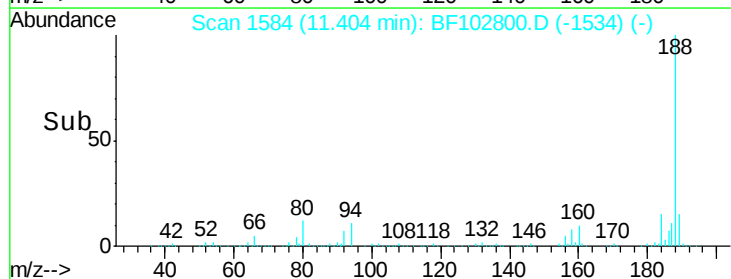
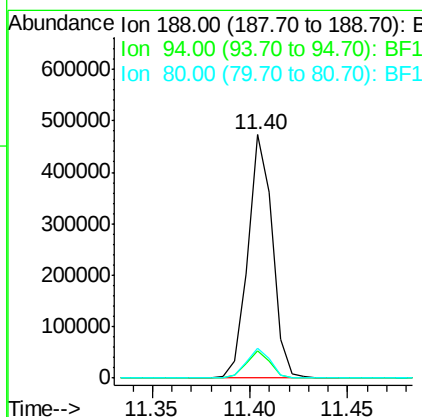
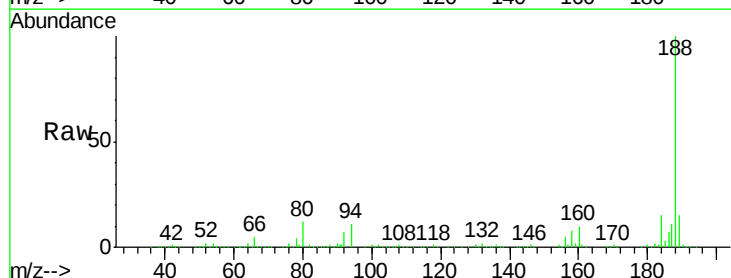
Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.7	44.5
170	24.2	19.6	29.4

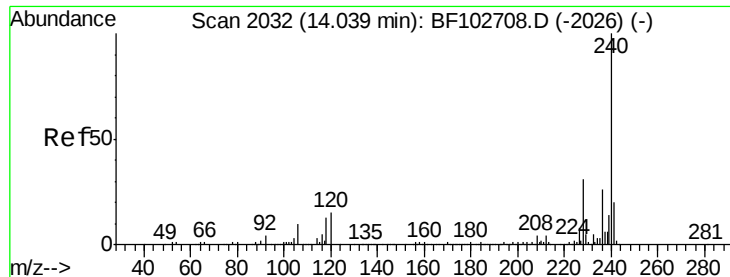


#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.40 min Scan# 1584
 Delta R.T. -0.01 min
 Lab File: BF102800.D
 Acq: 6 Feb 2018 23:25

Tgt Ion:188 Resp: 411780

Ion	Ratio	Lower	Upper
188	100		
94	11.4	8.5	12.7
80	12.5	9.2	13.8





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.04 min Scan# 2033

Delta R.T. -0.01 min

Lab File: BF102800.D

Acq: 6 Feb 2018 23:25

Instrument :

BNA_F

ClientSampleId :

TP-A

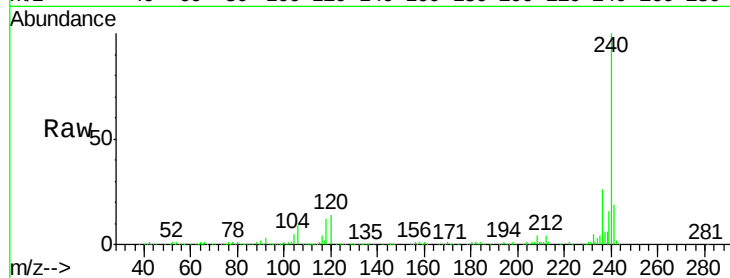
Tot Ion:240 Resp: 330716

Ion Ratio Lower Upper

240 100

120 14.0 9.5 14.3

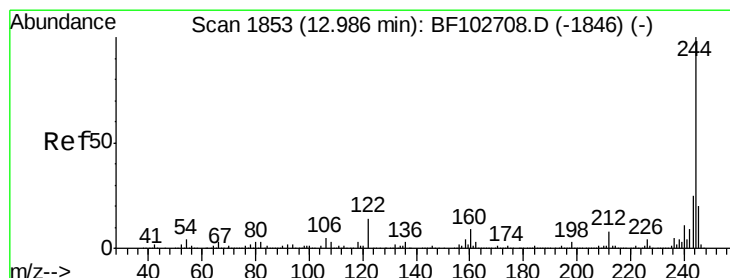
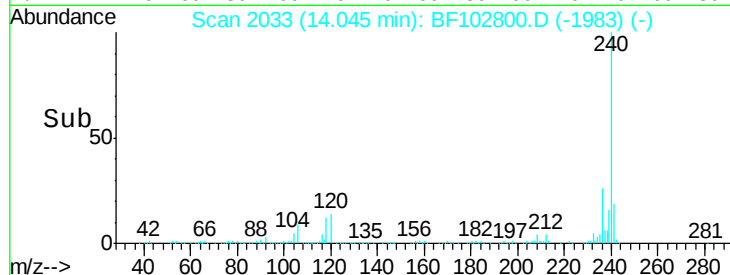
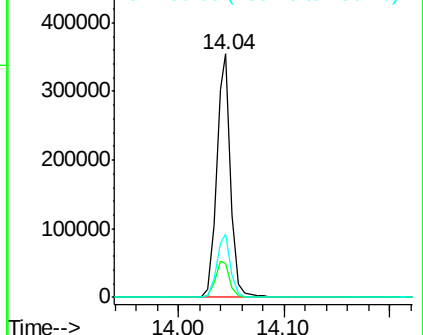
236 26.1 20.7 31.1



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: 90.527 ng

RT: 12.99 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BF102800.D

Acq: 6 Feb 2018 23:25

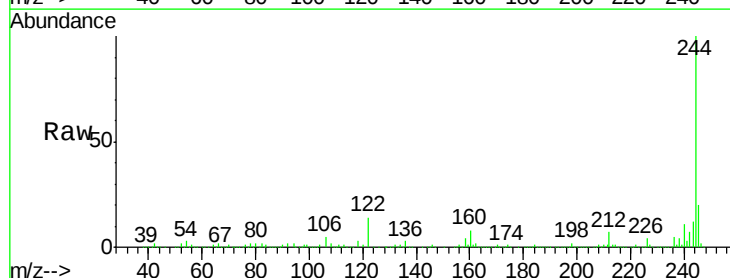
Tgt Ion:244 Resp: 1264421

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

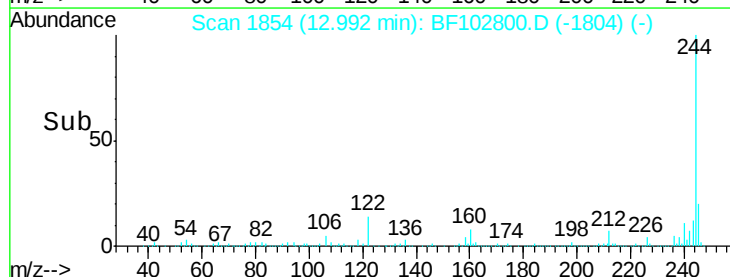
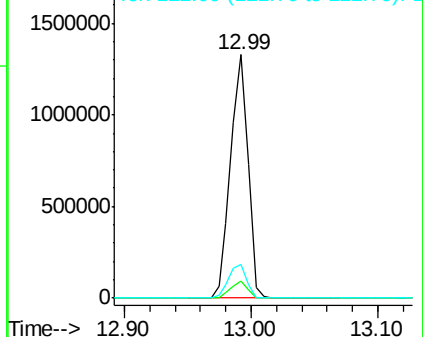
122 14.1 11.0 16.4

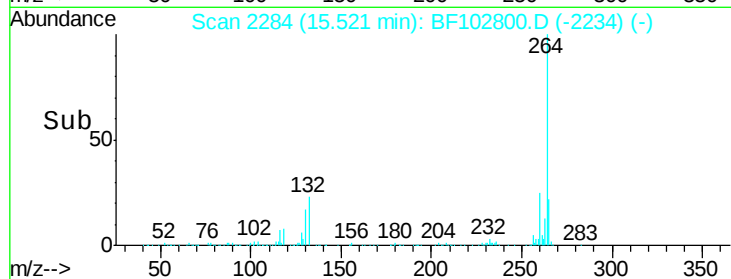
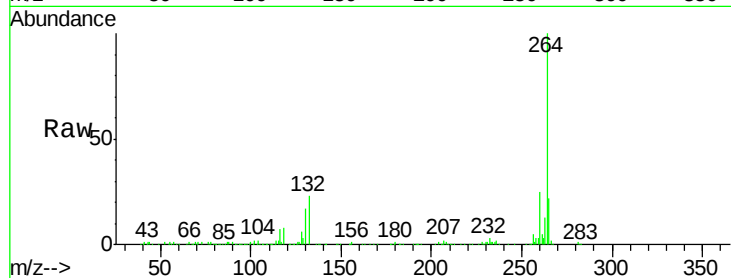
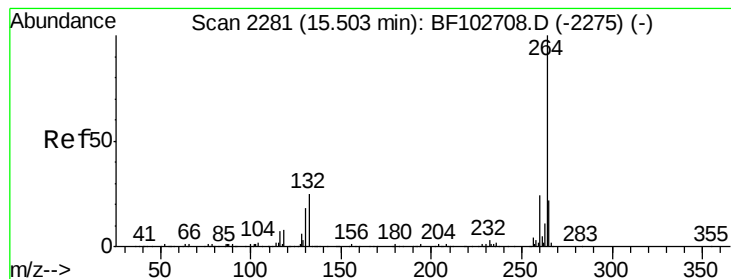


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86

Pervlene-d12

Concen: 20.000 ng

RT: 15.52 min Scan# 2284

Delta R.T. -0.01 min

Lab File: BF102800.D

Acq: 6 Feb 2018 23:25

Instrument :

BNA_F

ClientSampleId :

TP-A

Tot Ion:264 Resp: 291401

Ion Ratio Lower Upper

264 100

260 24.9 19.2 28.8

265 22.0 17.5 26.3

