

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020918\
 Data File : BF102905.D
 Acq On : 9 Feb 2018 23:36
 Operator : SJ/JU
 Sample : J1510-01
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ROLLOFF-147

Quant Time: Feb 10 01:09:46 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

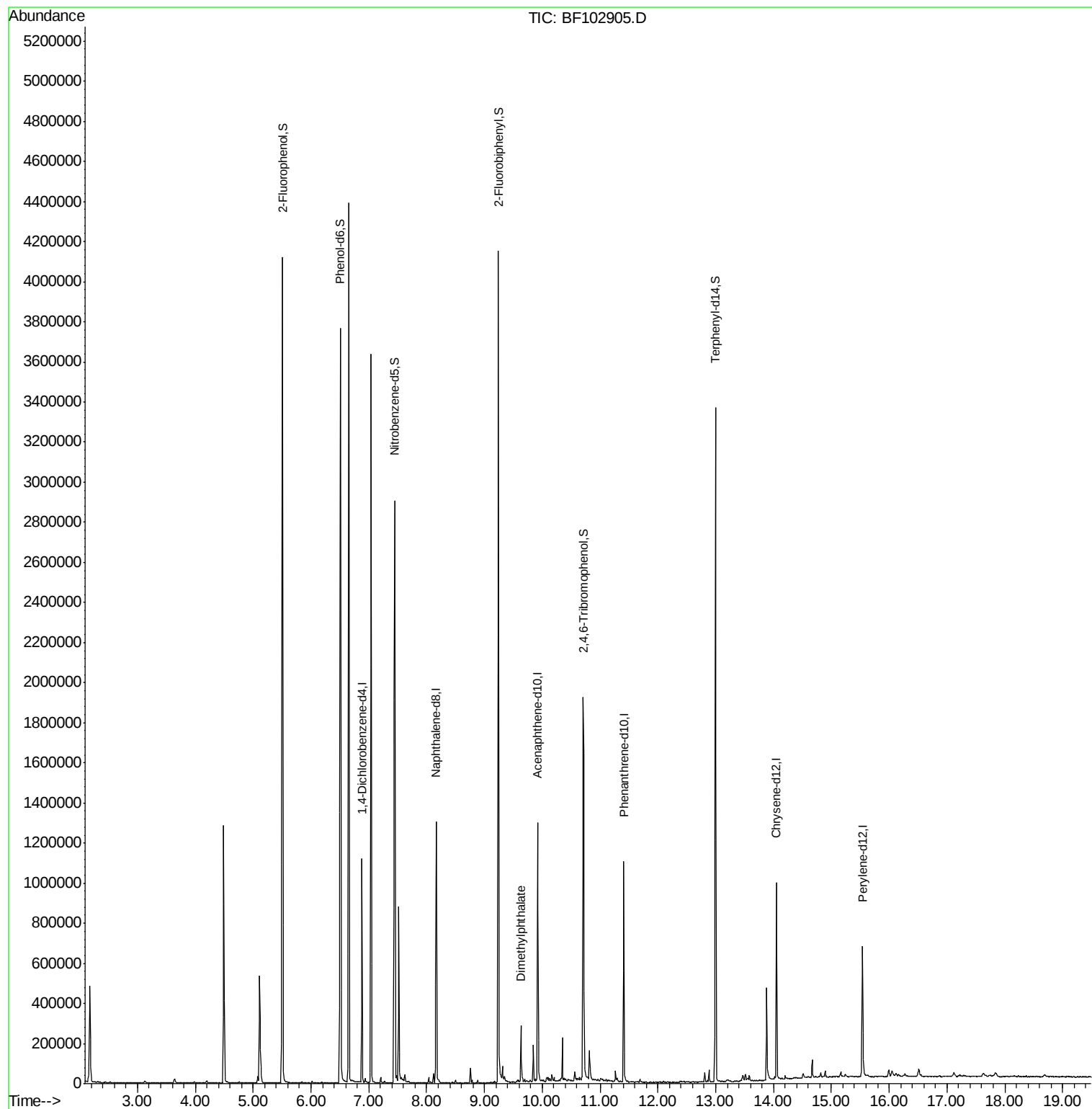
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	153379	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	611920	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	245159	20.00	ng	0.00
63) Phenanthrene-d10	11.41	188	362969	20.00	ng	0.00
75) Chrysene-d12	14.05	240	313534	20.00	ng	0.00
86) Perylene-d12	15.54	264	289707	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	1257514	124.51	ng	0.02
7) Phenol-d6	6.51	99	1494848	122.93	ng	0.00
23) Nitrobenzene-d5	7.45	82	996395	112.96	ng	0.00
41) 2,4,6-Tribromophenol	10.72	330	218909	110.94	ng	0.00
44) 2-Fluorobiphenyl	9.25	172	1482138	100.32	ng	0.00
78) Terphenyl-d14	13.00	244	1114835	84.19	ng	0.00
Target Compounds						
24) Nitrobenzene	7.48	77	117	Below Cal	Qvalue #	38
49) Dimethylphthalate	9.63	163	105546	5.521 ng		99

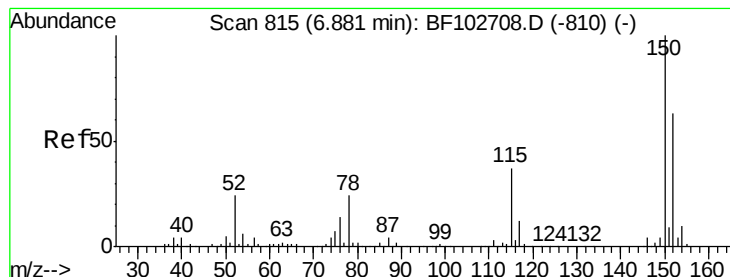
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.89 min Scan# 816

Delta R.T. 0.01 min

Lab File: BF102905.D

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Instrument :

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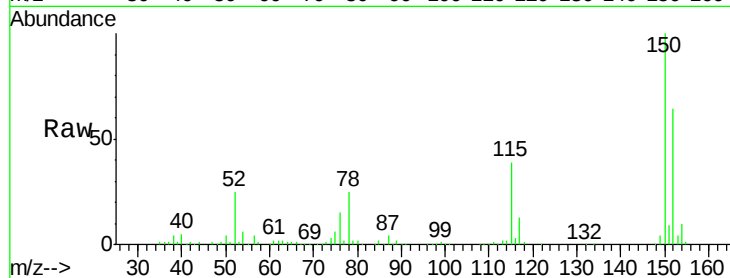
Tot Ion:152 Resp: 153379

Ion Ratio Lower Upper

152 100

150 155.7 124.6 186.8

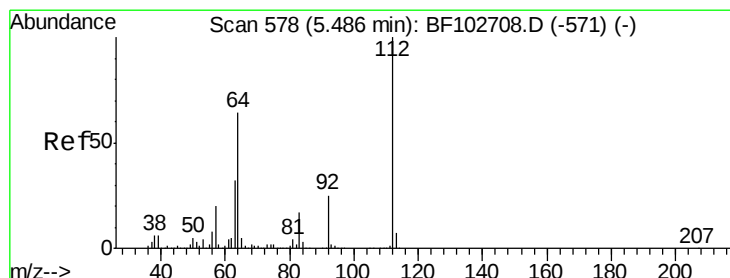
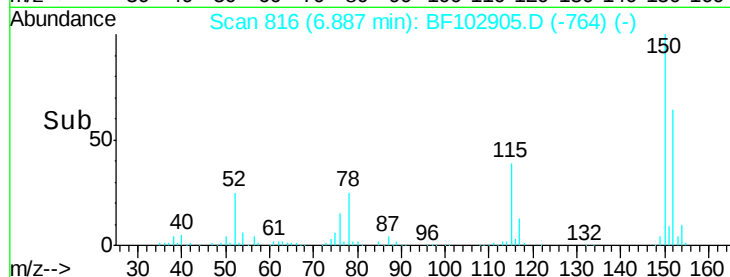
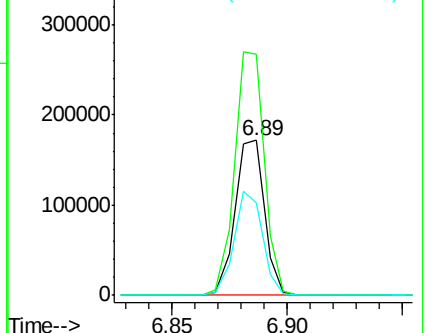
115 60.2 50.1 75.1



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: 124.511 ng

RT: 5.51 min Scan# 582

Delta R.T. 0.02 min

Lab File: BF102905.D

Acq: 9 Feb 2018 23:36

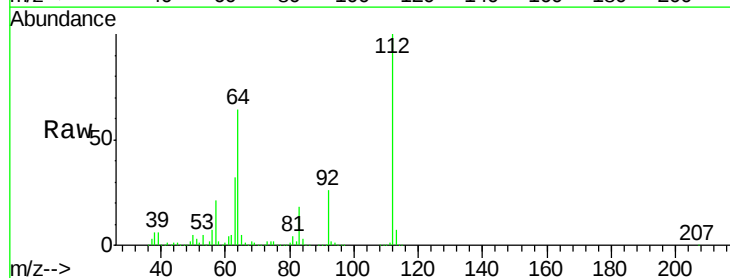
Tgt Ion:112 Resp: 1257514

Ion Ratio Lower Upper

112 100

64 63.6 47.9 71.9

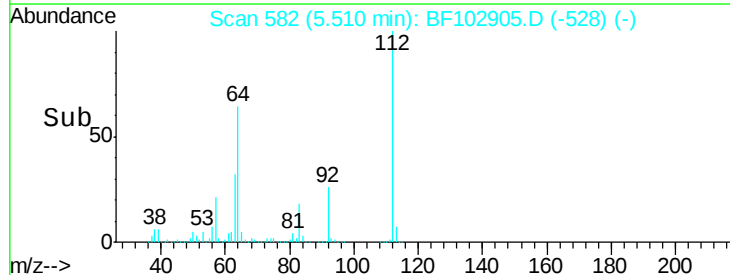
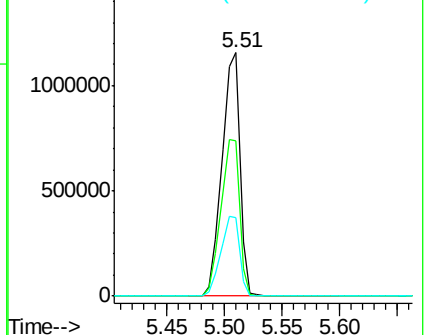
63 32.4 23.7 35.5

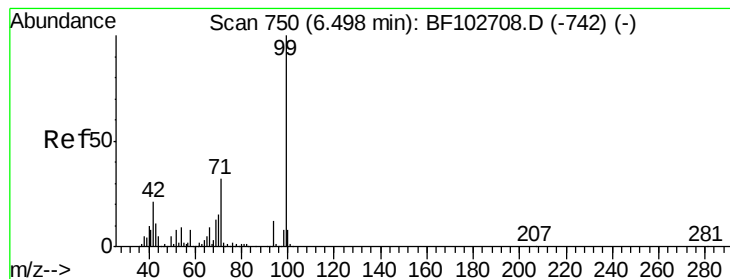


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 122.926 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.01 min

Lab File: BF102905.D

Acq: 9 Feb 2018 23:36

Instrument :

BNA_F

ClientSampleId :

ROLLOFF-147

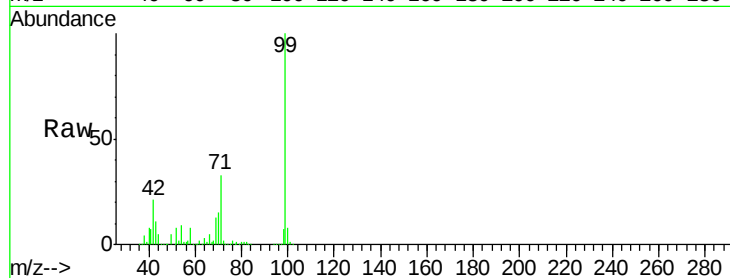
Tot Ion: 99 Resp: 1494848

Ion Ratio Lower Upper

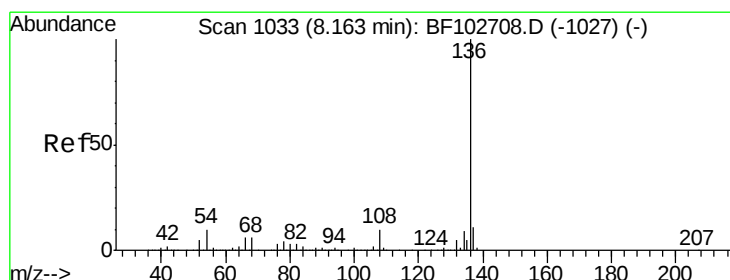
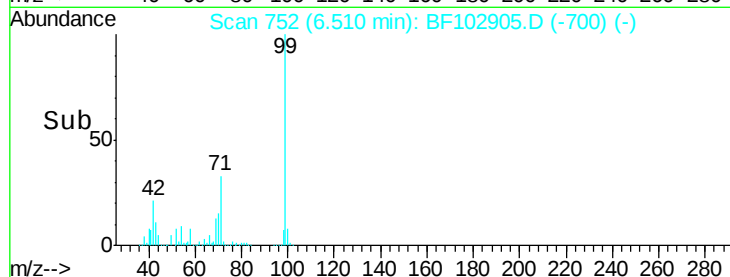
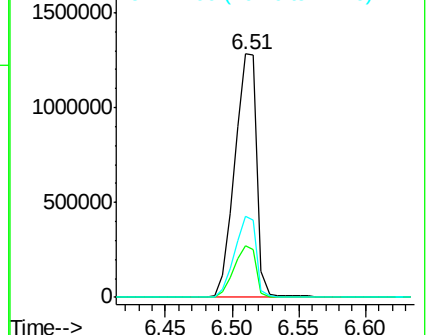
99 100

42 21.0 14.5 21.7

71 33.3 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: 8.17 min Scan# 1034

Delta R.T. 0.00 min

Lab File: BF102905.D

Acq: 9 Feb 2018 23:36

Tgt Ion: 136 Resp: 611920

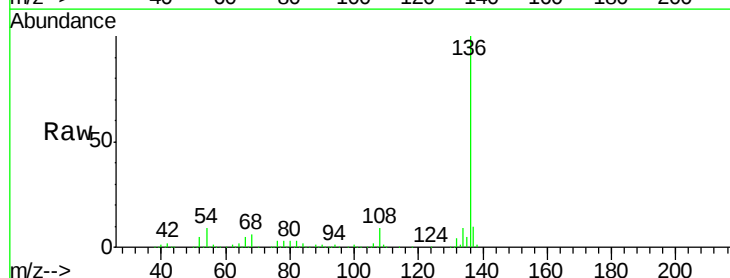
Ion Ratio Lower Upper

136 100

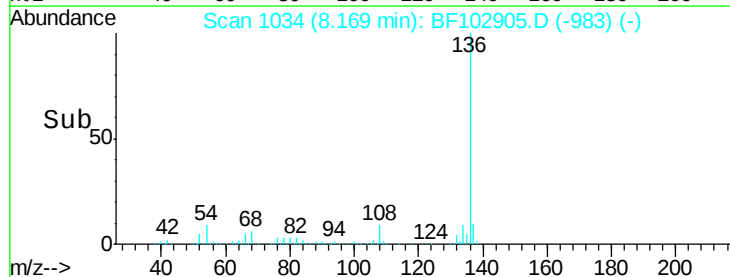
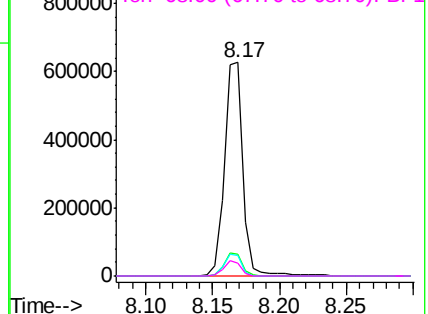
137 10.4 8.9 13.3

54 9.4 6.6 9.8

68 5.9 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

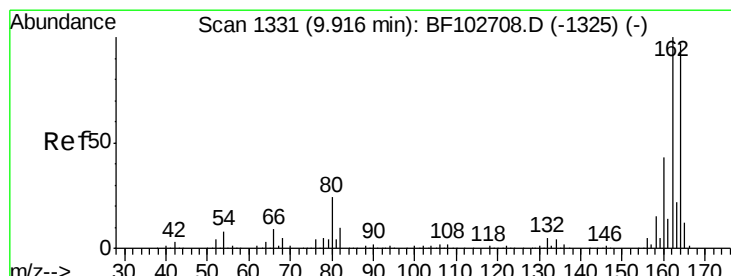
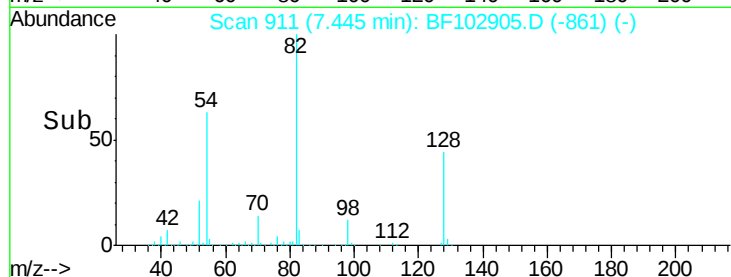
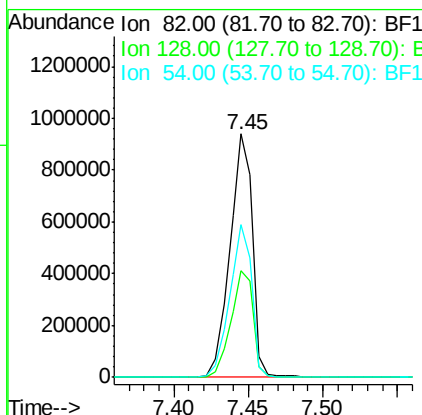
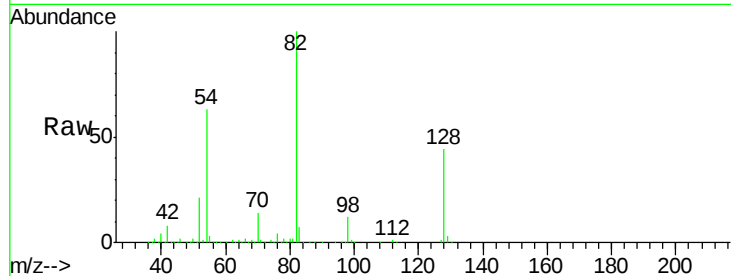




#23
 Nitrobenzene-d5
 Concen: 112.957 ng
 RT: 7.45 min Scan# 911
 Delta R.T. -0.01 min
 Lab File: BF102905.D
 Acq: 9 Feb 2018 23:36

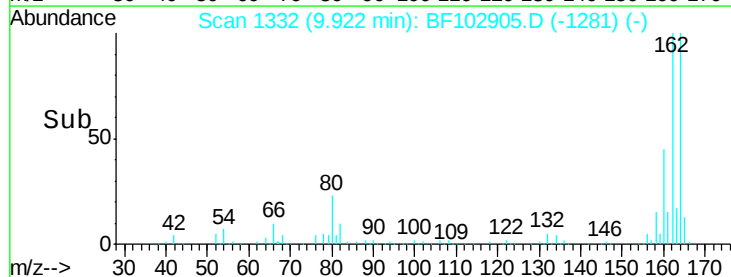
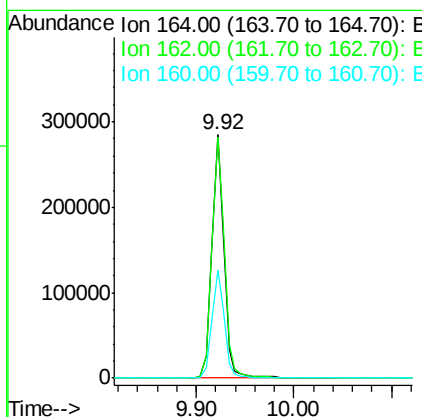
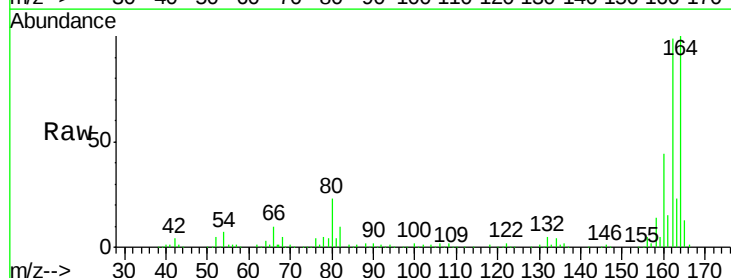
Instrument :
 BNA_F
 ClientSampleId :
 ROLLOFF-147

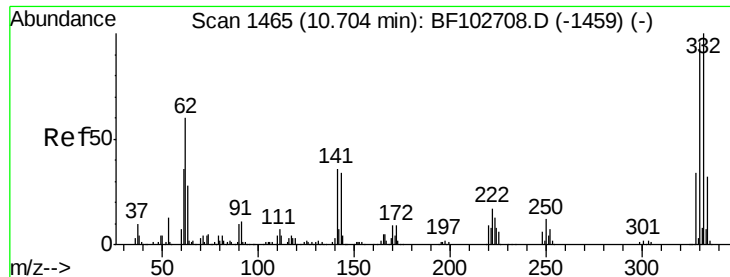
Tot Ion: 82 Resp: 996395
 Ion Ratio Lower Upper
 82 100
 128 44.0 36.1 54.1
 54 62.9 41.4 62.2#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.92 min Scan# 1332
 Delta R.T. 0.00 min
 Lab File: BF102905.D
 Acq: 9 Feb 2018 23:36

Tgt Ion: 164 Resp: 245159
 Ion Ratio Lower Upper
 164 100
 162 99.2 86.1 129.1
 160 44.5 38.3 57.5





#41

2,4,6-Tribromophenol

Concen: 110.939 ng

RT: 10.72 min Scan# 1467

Delta R.T. 0.01 min

Lab File: BF102905.D

Acq: 9 Feb 2018 23:36

Instrument :

BNA_F

ClientSampled :

ROLLOFF-147

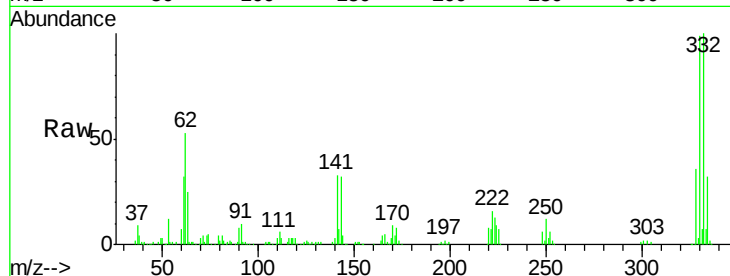
Tot Ion:330 Resp: 218909

Ion Ratio Lower Upper

330 100

332 102.8 77.0 115.6

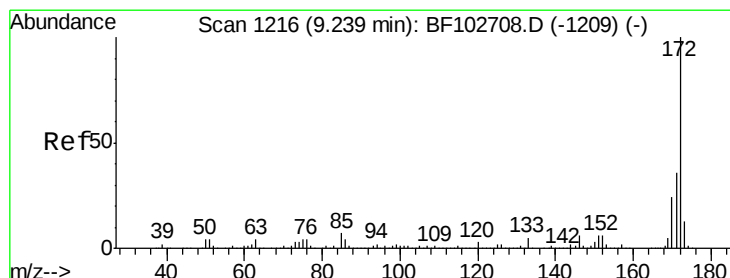
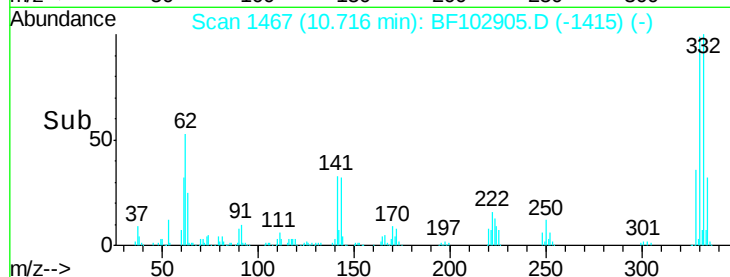
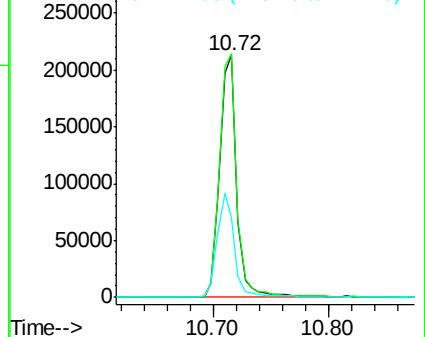
141 42.9 29.9 44.9



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: 100.318 ng

RT: 9.25 min Scan# 1217

Delta R.T. 0.00 min

Lab File: BF102905.D

Acq: 9 Feb 2018 23:36

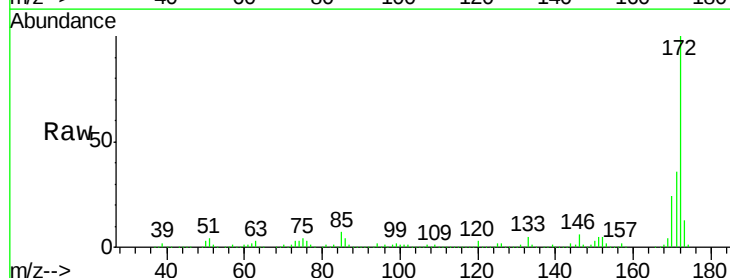
Tgt Ion:172 Resp: 1482138

Ion Ratio Lower Upper

172 100

171 35.6 29.7 44.5

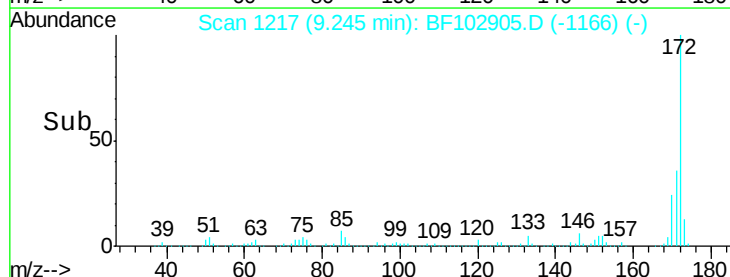
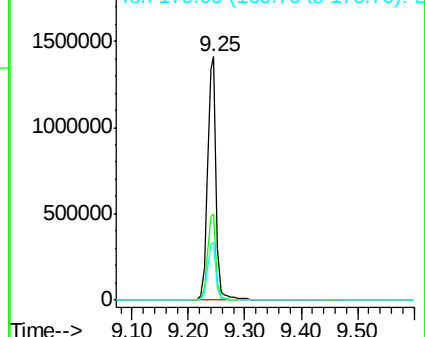
170 23.9 19.6 29.4

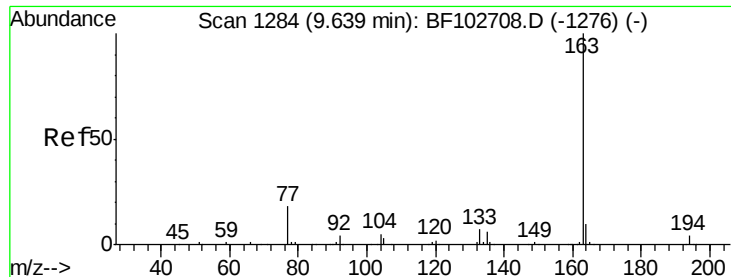


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

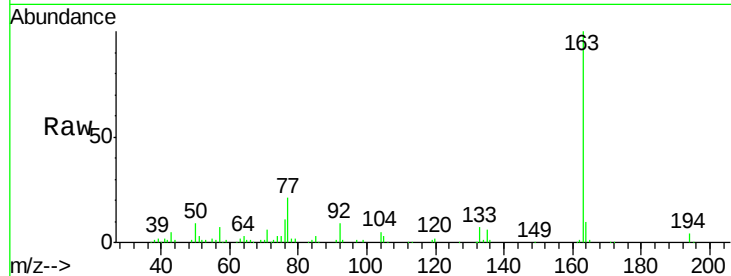




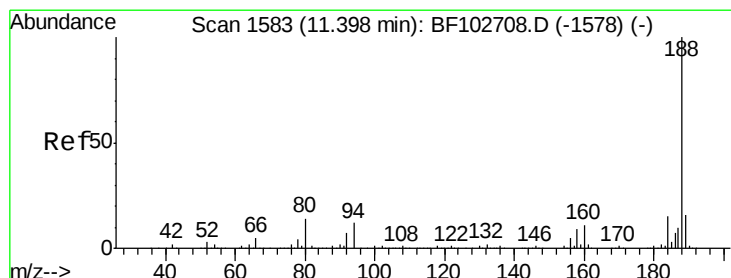
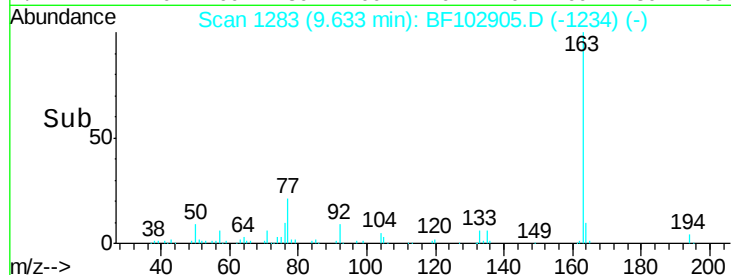
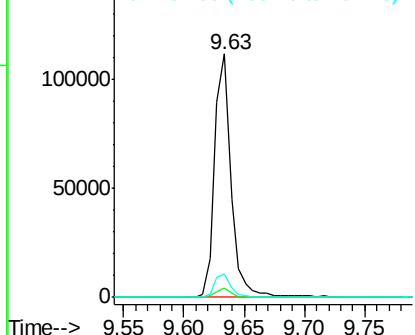
#49
Dimethylphthalate
Concen: 5.521 ng
RT: 9.63 min Scan# 1283
Delta R.T. -0.01 min
Lab File: BF102905.D
Acq: 9 Feb 2018 23:36

Instrument :
BNA_F
ClientSampleId :
ROLLOFF-147

Tot Ion:163 Resp: 105546
Ion Ratio Lower Upper
163 100
194 3.6 2.7 4.1
164 9.8 8.2 12.2

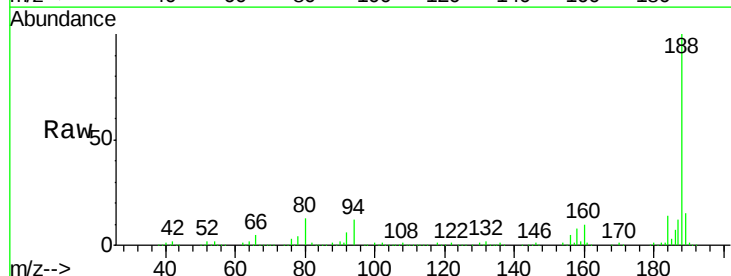


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

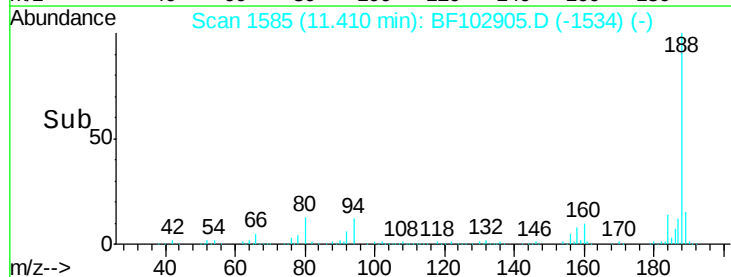
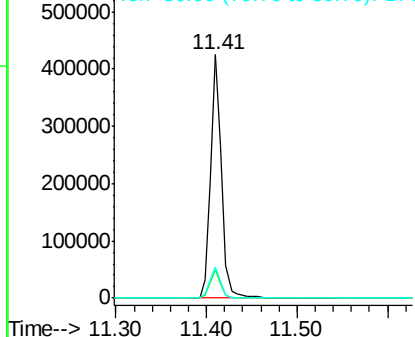


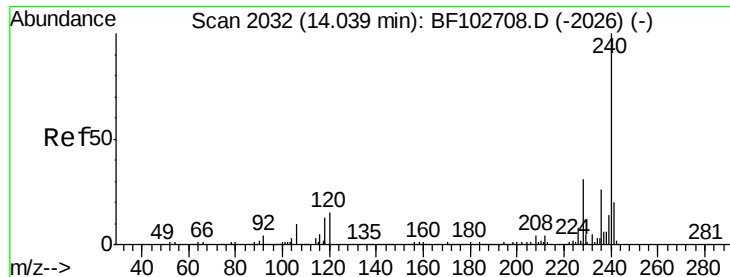
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.41 min Scan# 1585
Delta R.T. 0.00 min
Lab File: BF102905.D
Acq: 9 Feb 2018 23:36

Tgt Ion:188 Resp: 362969
Ion Ratio Lower Upper
188 100
94 11.7 8.5 12.7
80 12.9 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

Chrvsene-d12

Concen: 20.000 ng

RT: 14.05 min Scan# 2034

Delta R.T. 0.00 min

Lab File: BF102905.D

Acq: 9 Feb 2018 23:36

Instrument :

BNA_F

ClientSampleId :

ROLLOFF-147

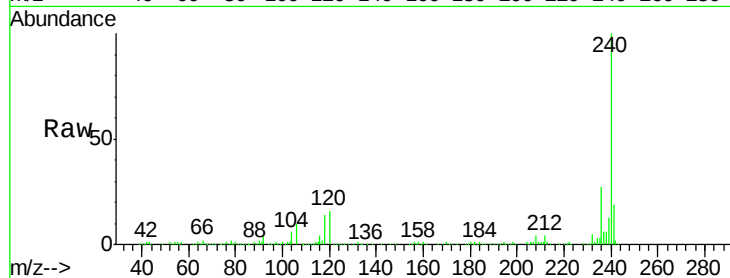
Tot Ion:240 Resp: 313534

Ion Ratio Lower Upper

240 100

120 16.4 9.5 14.3#

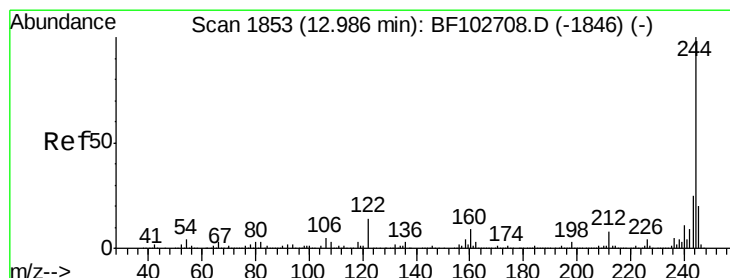
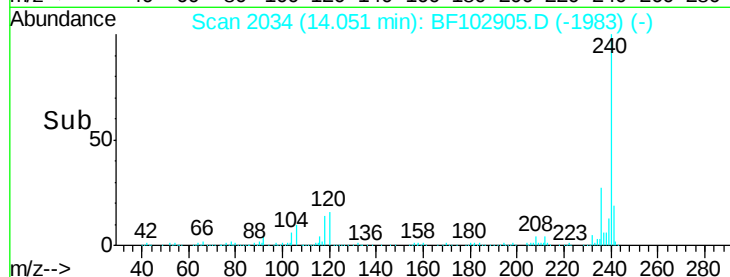
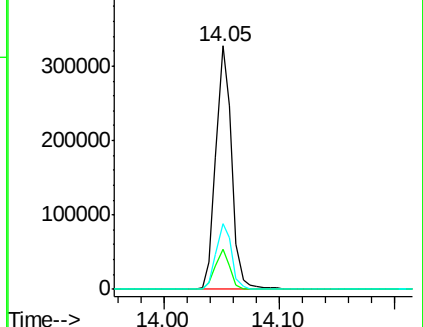
236 27.2 20.7 31.1



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: 84.191 ng

RT: 13.00 min Scan# 1855

Delta R.T. 0.00 min

Lab File: BF102905.D

Acq: 9 Feb 2018 23:36

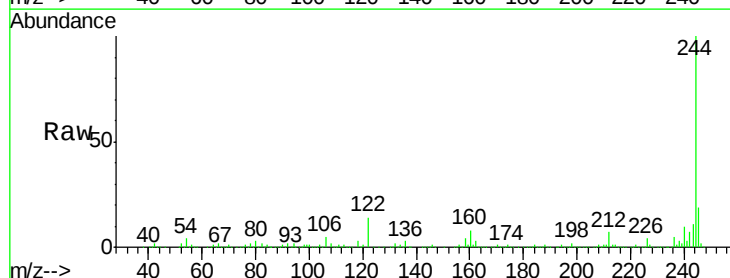
Tgt Ion:244 Resp: 1114835

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

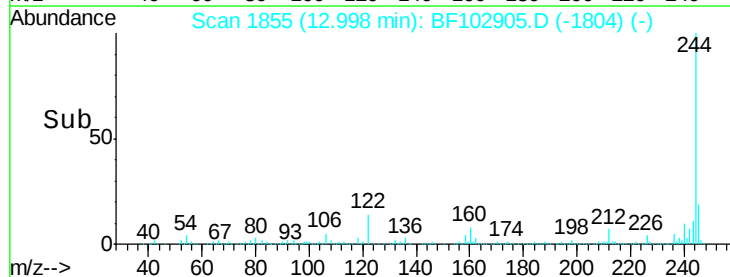
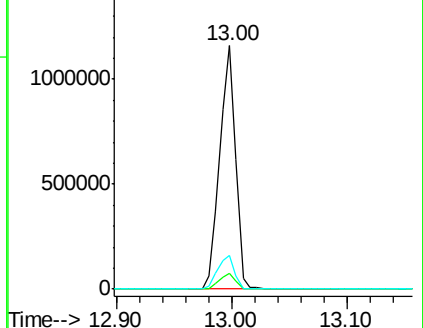
122 14.0 11.0 16.4

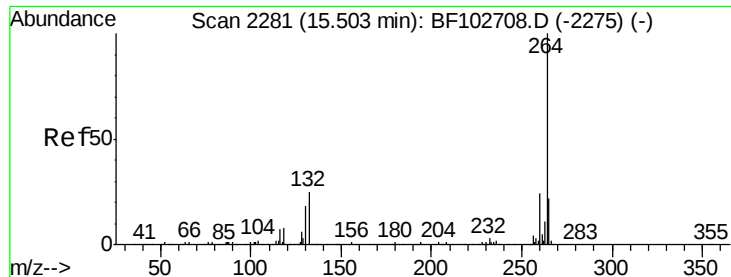


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.54 min Scan# 2287
Delta R.T. 0.01 min
Lab File: BF102905.D
Acq: 9 Feb 2018 23:36

Instrument :
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Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	21.1	17.5	26.3

