

Data Path : U:\HPCHEM1\BNA F\DATA\BF012718\
 Data File : BF102548.D
 Acq On : 28 Jan 2018 9:16
 Operator : SJ/JU
 Sample : J1321-02
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 28 23:56:37 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jan 27 20:48:40 2018
 Response via : Initial Calibration

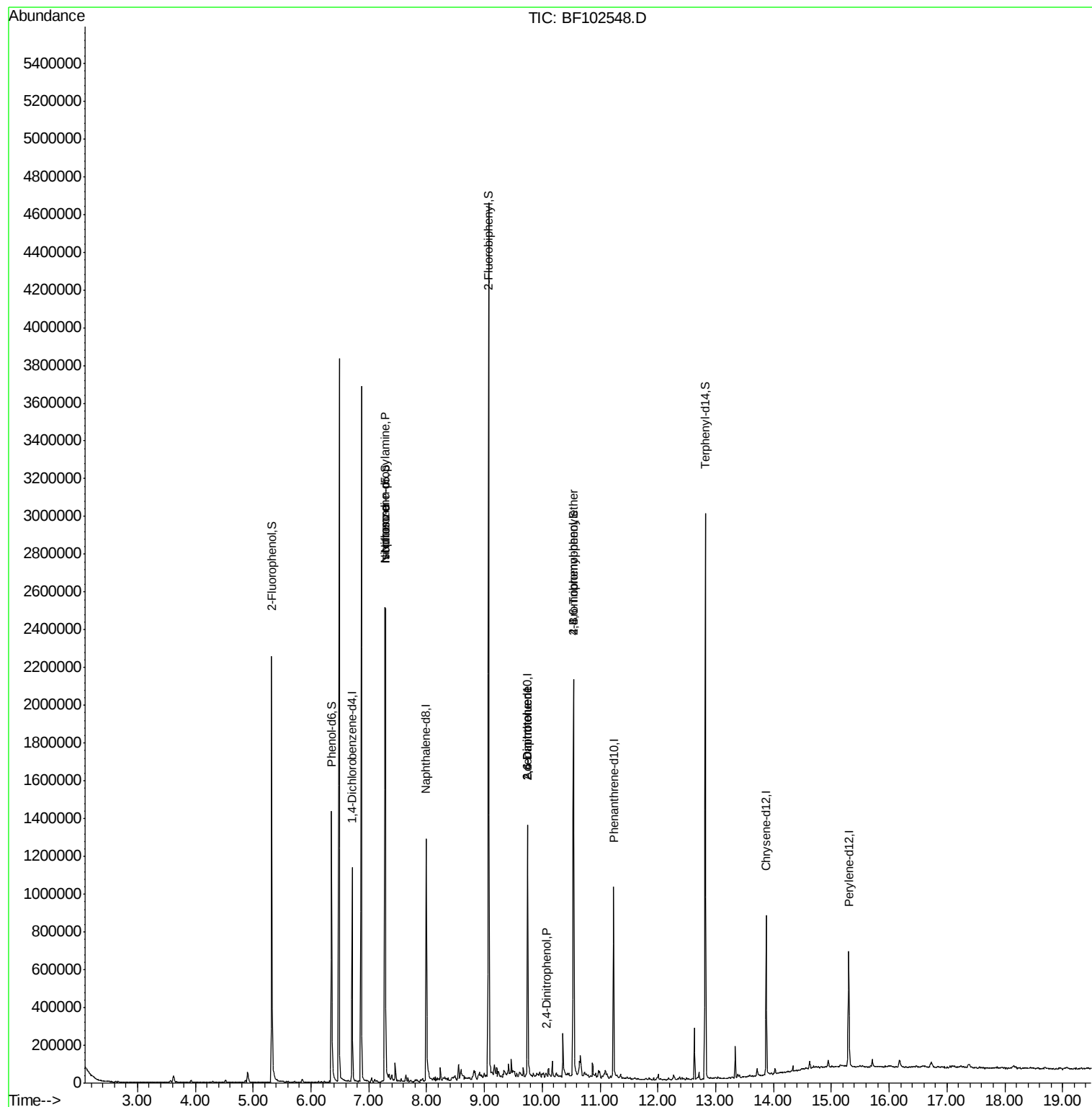
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	164632	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	656023	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	259012	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	361657	20.00	ng	0.00
75) Chrysene-d12	13.87	240	300133	20.00	ng	0.00
86) Perylene-d12	15.30	264	254227	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	661621	60.94	ng	0.00
7) Phenol-d6	6.35	99	509710	38.94	ng	-0.01
23) Nitrobenzene-d5	7.28	82	994472	87.11	ng	0.00
41) 2,4,6-Tribromophenol	10.54	330	235783	91.87	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	1605961	91.17	ng	0.00
78) Terphenyl-d14	12.82	244	1069631	80.34	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.28	70	131928	16.469	ng	# 79
25) Isophorone	7.28	82	994466	48.865	ng	# 64
50) 2,6-Dinitrotoluene	9.75	165	34145	7.397	ng	# 26
53) 2,4-Dinitrophenol	10.08	184	129	3.755	ng	# 1
56) 2,4-Dinitrotoluene	9.75	165	34145	6.015	ng	# 24
66) 4-Bromophenyl-phenylether	10.54	248	15721	4.038	ng	# 1

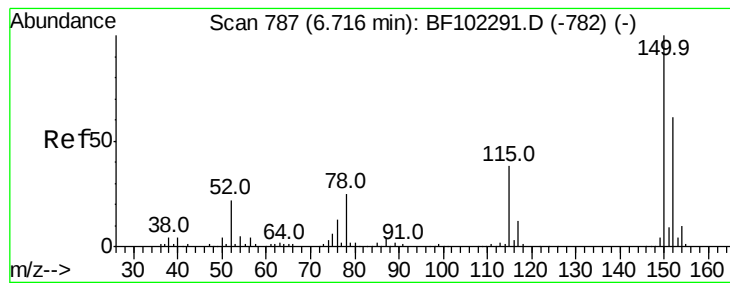
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : U:\HPCHEM1\BNA F\DATA\BF012718\
Data File : BF102548.D
Acq On : 28 Jan 2018 9:16
Operator : SJ/JU
Sample : J1321-02
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Jan 28 23:56:37 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jan 27 20:48:40 2018
Response via : Initial Calibration



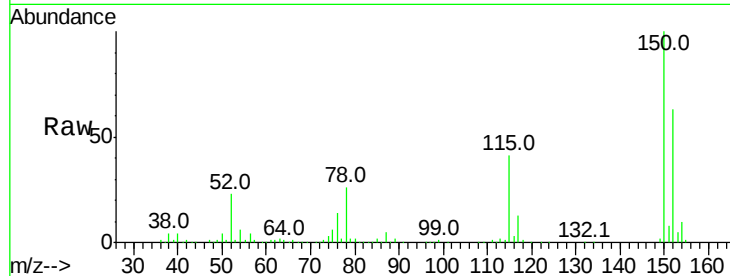


#1

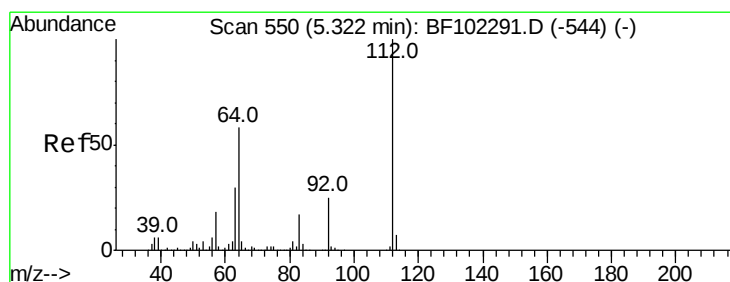
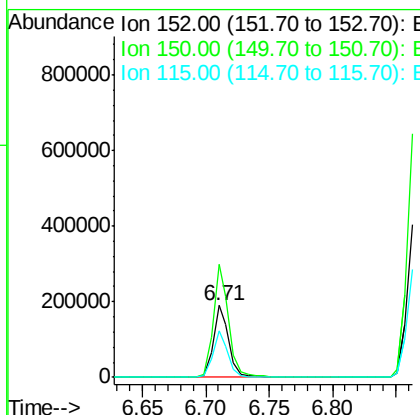
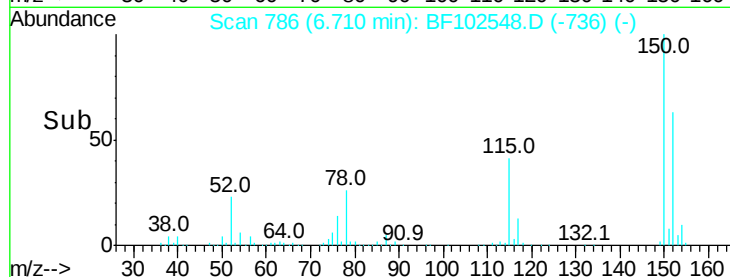
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.71 min Scan# 786
Delta R.T. -0.01 min
Lab File: BF102548.D
Acq: 28 Jan 2018 9:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 164632
Ion Ratio Lower Upper
152 100
150 157.5 124.6 186.8
115 64.3 50.1 75.1



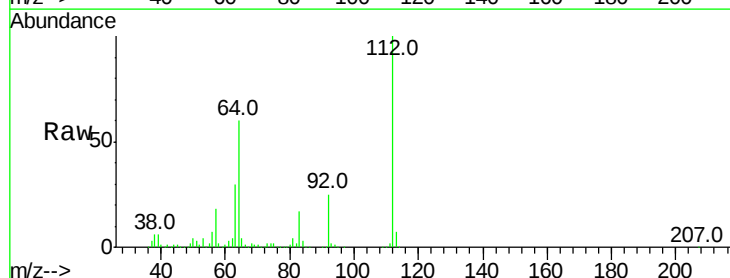
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



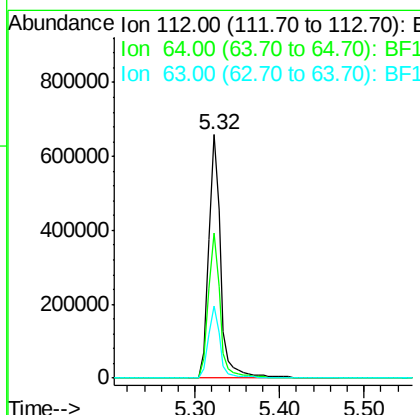
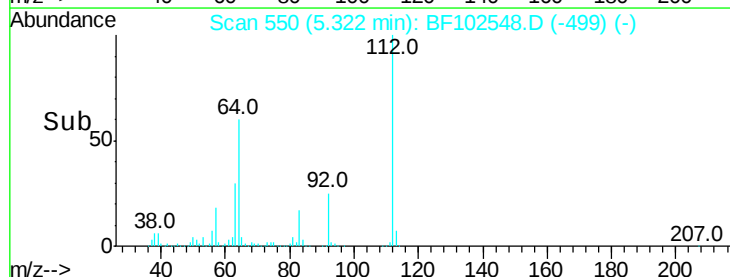
#5

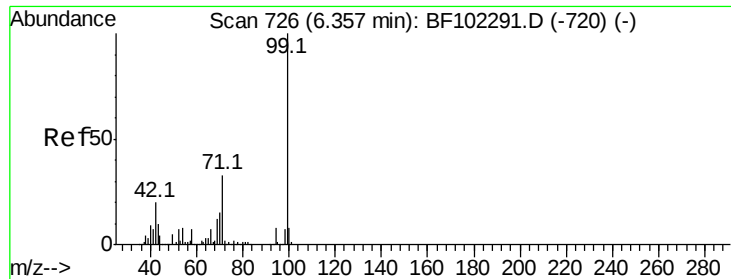
2-Fluorophenol
Concen: 60.935 ng
RT: 5.32 min Scan# 550
Delta R.T. 0.00 min
Lab File: BF102548.D
Acq: 28 Jan 2018 9:16

Tgt Ion:112 Resp: 661621
Ion Ratio Lower Upper
112 100
64 59.7 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: 38.939 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF102548.D

Acq: 28 Jan 2018 9:16

Instrument :

BNA_F

ClientSampleId :

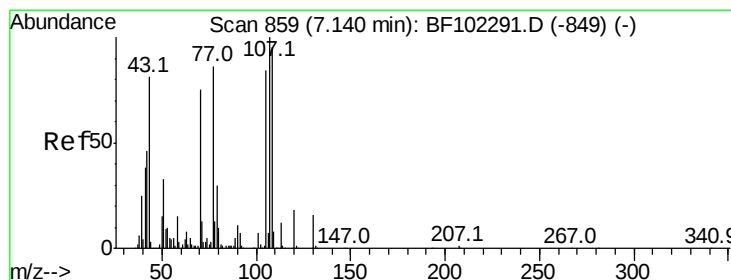
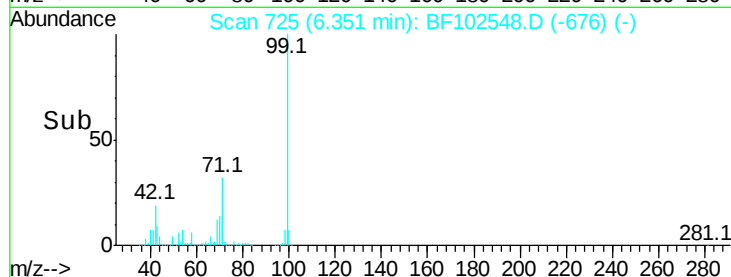
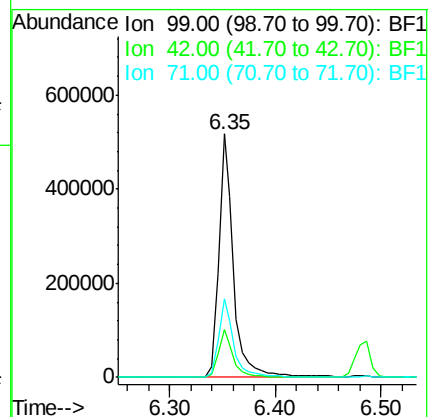
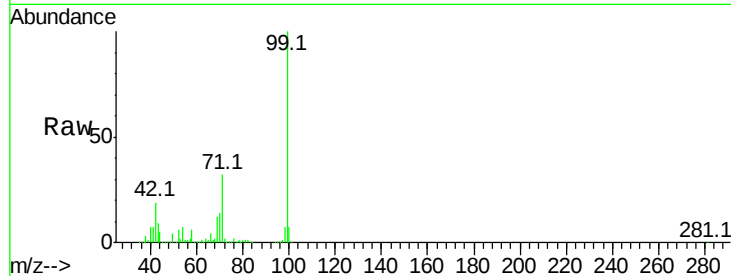
Tot Ion: 99 Resp: 509710

Ion Ratio Lower Upper

99 100

42 19.4 14.5 21.7

71 32.4 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 16.469 ng

RT: 7.28 min Scan# 883

Delta R.T. 0.15 min

Lab File: BF102548.D

Acq: 28 Jan 2018 9:16

Tgt Ion: 70 Resp: 131928

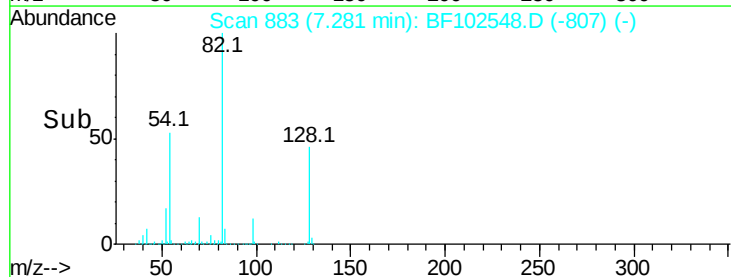
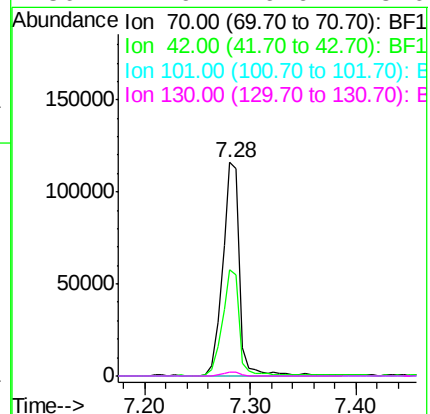
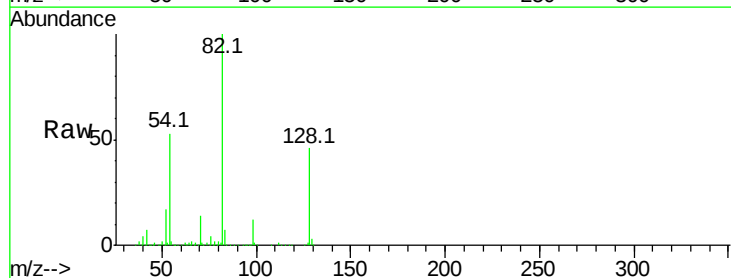
Ion Ratio Lower Upper

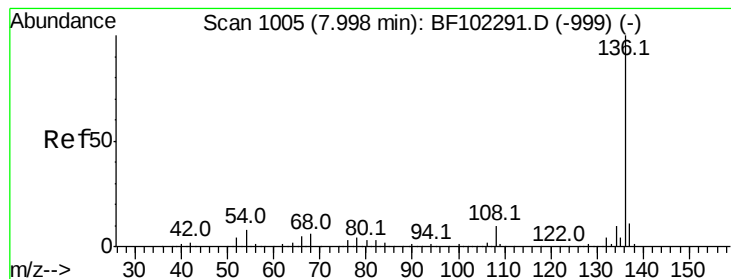
70 100

42 49.8 47.5 71.3

101 0.0 7.4 11.2#

130 1.9 16.6 25.0#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.99 min Scan# 1004

Delta R.T. -0.01 min

Lab File: BF102548.D

Acq: 28 Jan 2018 9:16

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 656023

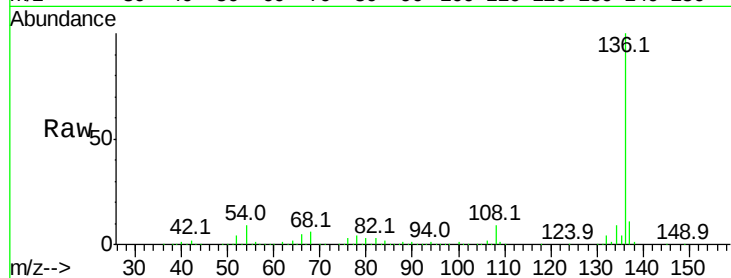
Ion Ratio Lower Upper

136 100

137 11.4 8.9 13.3

54 8.7 6.6 9.8

68 6.1 5.0 7.4

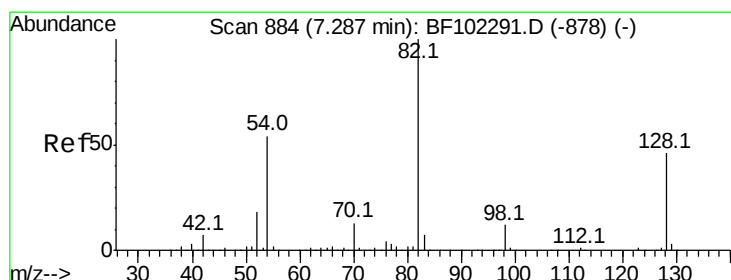
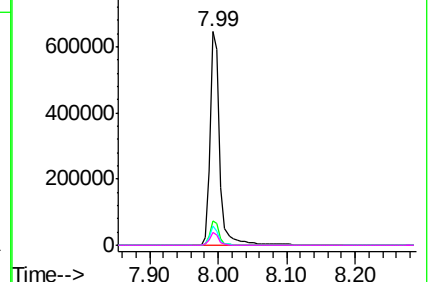
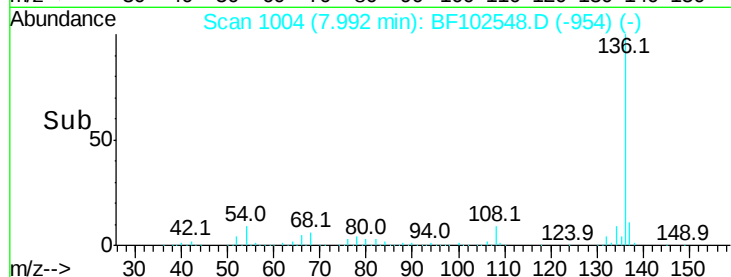


Abundance Ion 136.00 (135.70 to 136.70): E

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: 87.115 ng

RT: 7.28 min Scan# 883

Delta R.T. -0.01 min

Lab File: BF102548.D

Acq: 28 Jan 2018 9:16

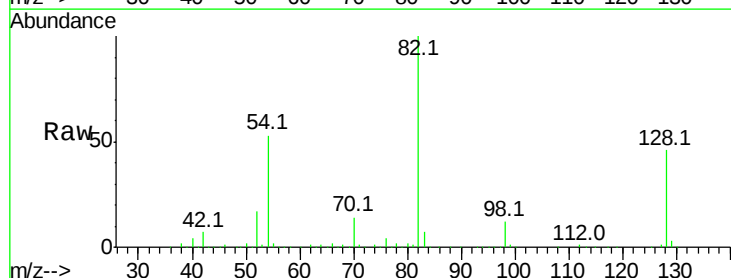
Tgt Ion: 82 Resp: 994472

Ion Ratio Lower Upper

82 100

128 45.5 36.1 54.1

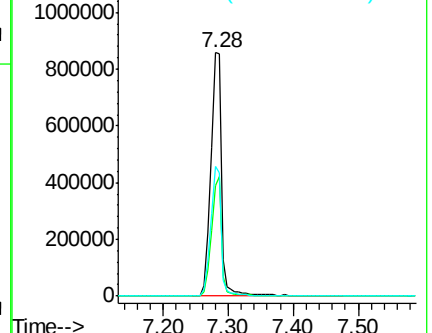
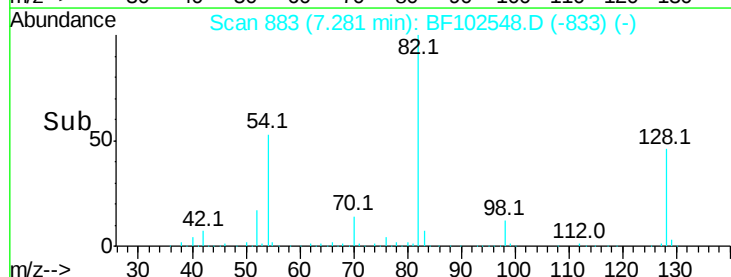
54 53.1 41.4 62.2

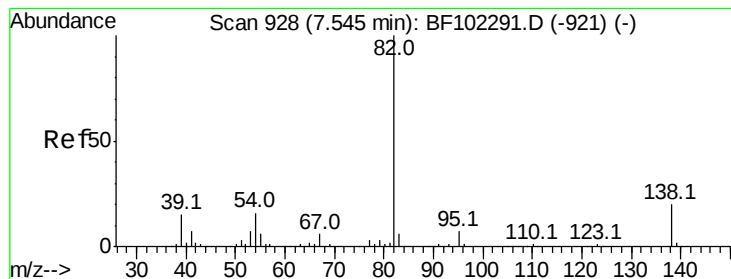


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 48.865 ng

RT: 7.28 min Scan# 883

Delta R.T. -0.26 min

Lab File: BF102548.D

Acq: 28 Jan 2018 9:16

Instrument :

BNA_F

ClientSampleId :

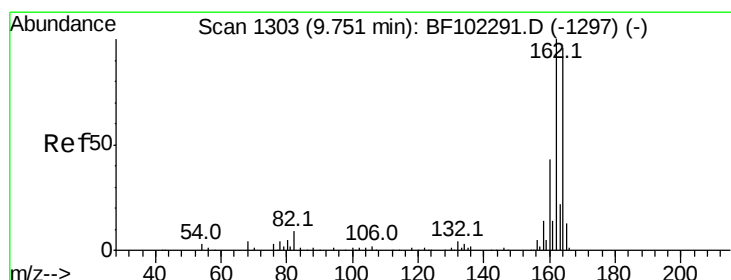
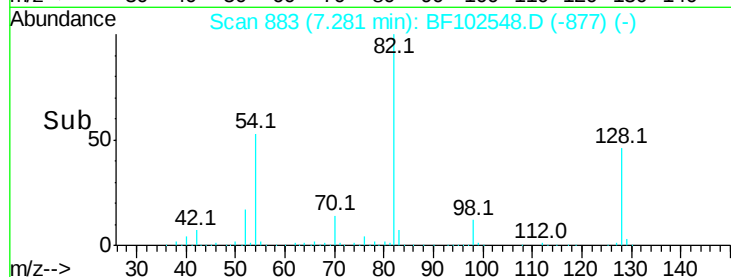
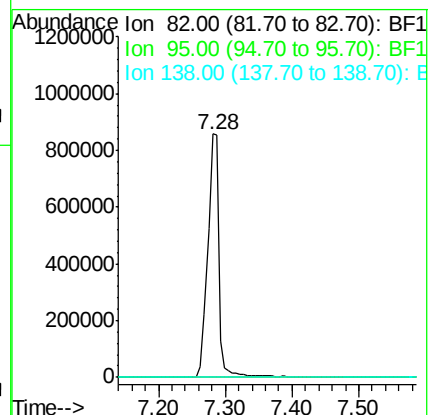
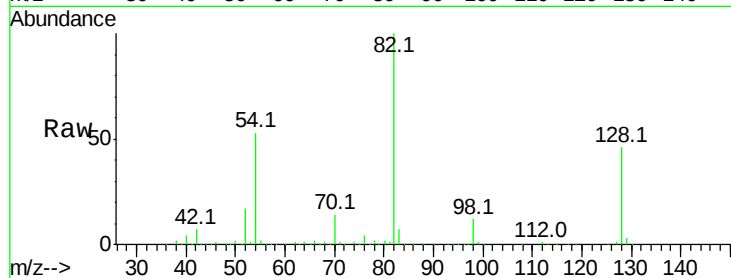
Tot Ion: 82 Resp: 994466

Ion Ratio Lower Upper

82 100

95 0.1 5.2 7.8#

138 0.0 14.9 22.3#



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.75 min Scan# 1302

Delta R.T. -0.01 min

Lab File: BF102548.D

Acq: 28 Jan 2018 9:16

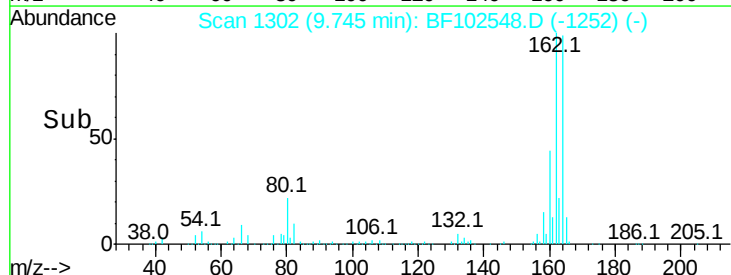
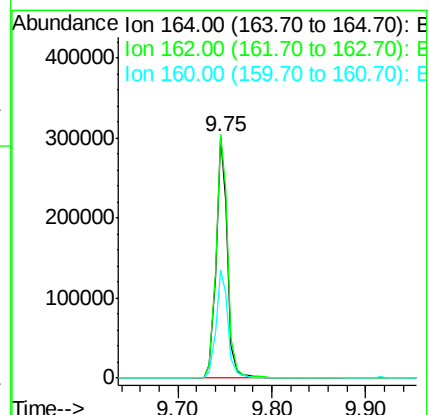
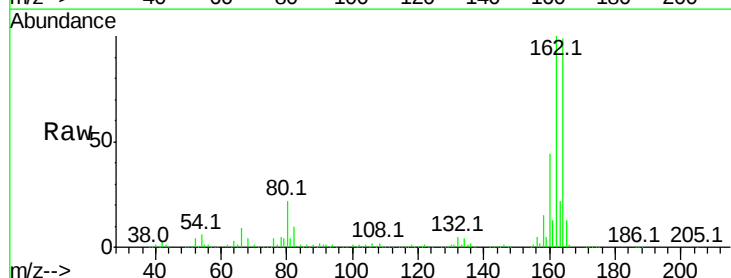
Tgt Ion:164 Resp: 259012

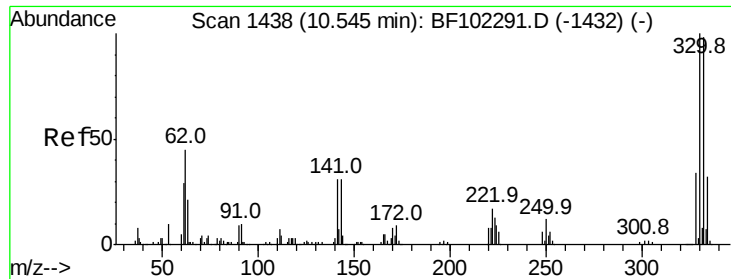
Ion Ratio Lower Upper

164 100

162 100.8 86.1 129.1

160 44.8 38.3 57.5

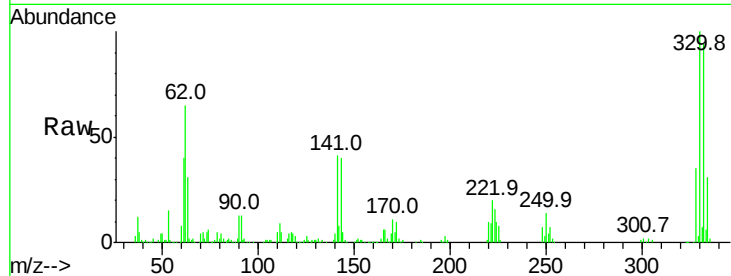




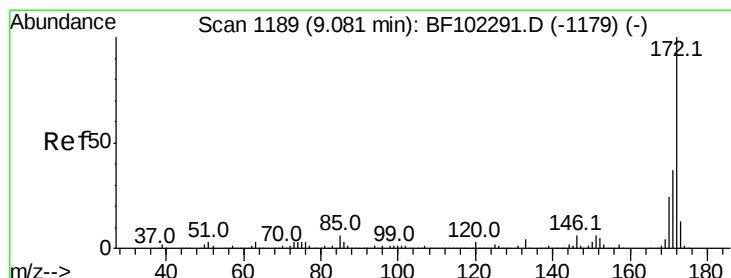
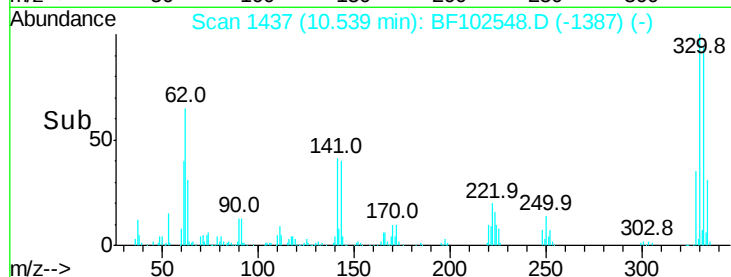
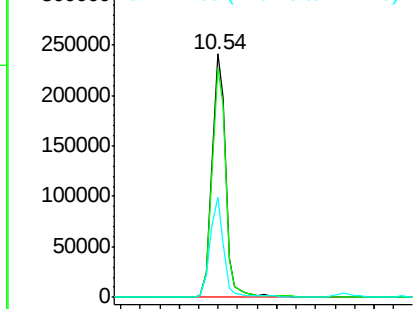
#41
 2,4,6-Tribromophenol
 Concen: 91.872 ng
 RT: 10.54 min Scan# 1437
 Delta R.T. -0.01 min
 Lab File: BF102548.D
 Acq: 28 Jan 2018 9:16

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 235783
 Ion Ratio Lower Upper
 330 100
 332 96.2 77.0 115.6
 141 40.2 29.9 44.9

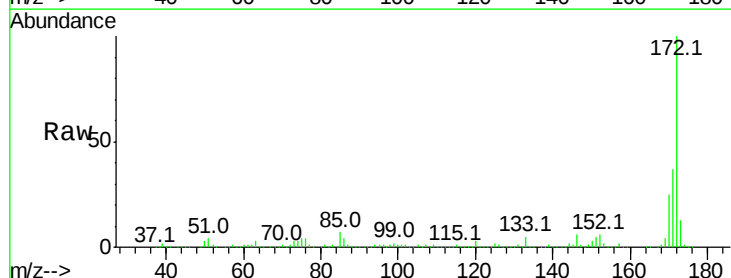


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

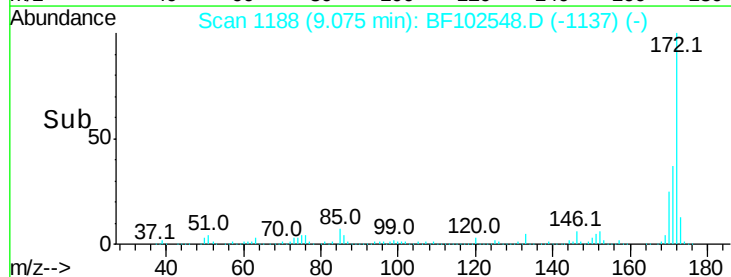
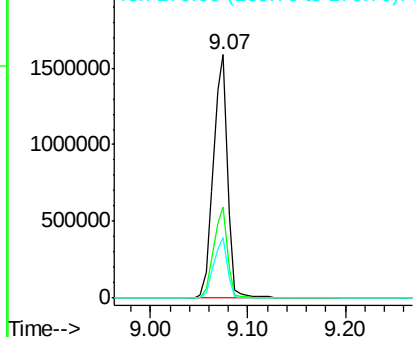


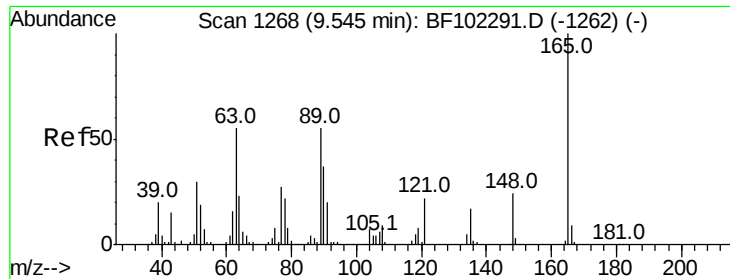
#44
 2-Fluorobiphenyl
 Concen: 91.167 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. 0.00 min
 Lab File: BF102548.D
 Acq: 28 Jan 2018 9:16

Tgt Ion:172 Resp: 1605961
 Ion Ratio Lower Upper
 172 100
 171 37.2 29.7 44.5
 170 24.7 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

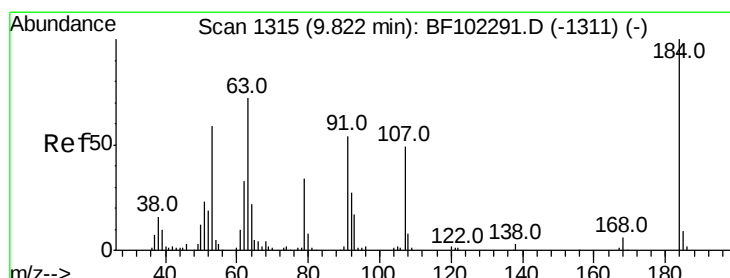
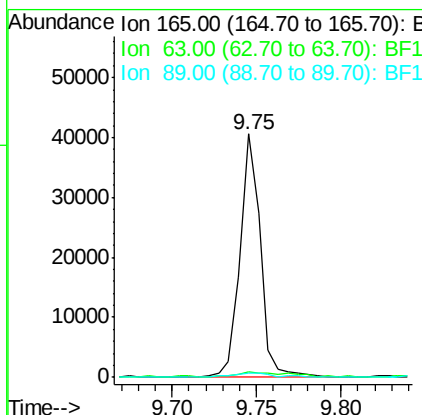
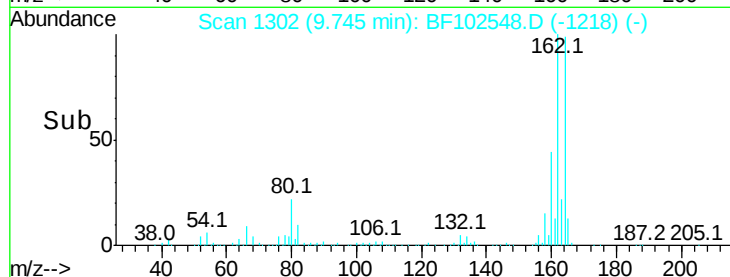
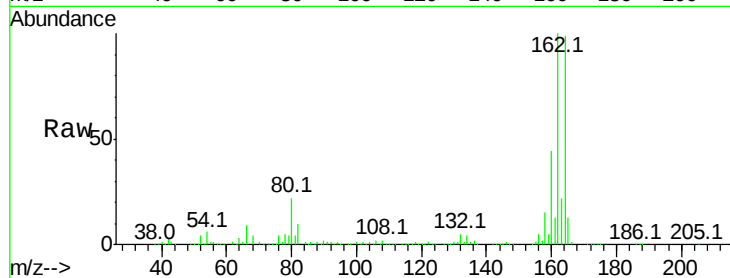




#50
 2,6-Dinitrotoluene
 Concen: 7.397 ng
 RT: 9.75 min Scan# 1302
 Delta R.T. 0.19 min
 Lab File: BF102548.D
 Acq: 28 Jan 2018 9:16

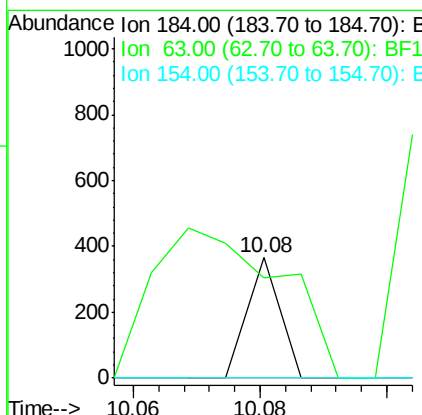
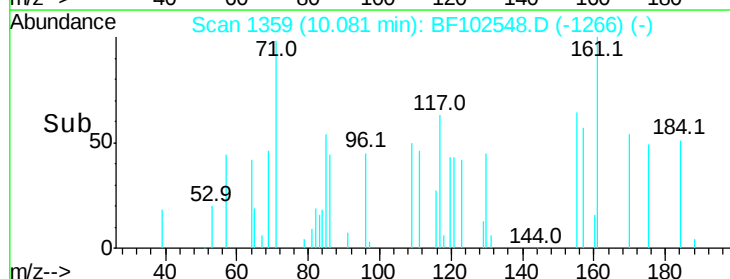
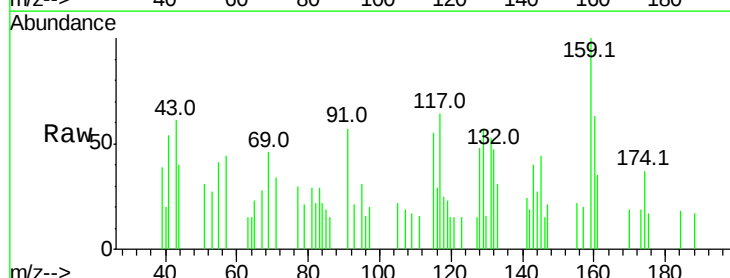
Instrument :
 BNA_F
 ClientSampled :

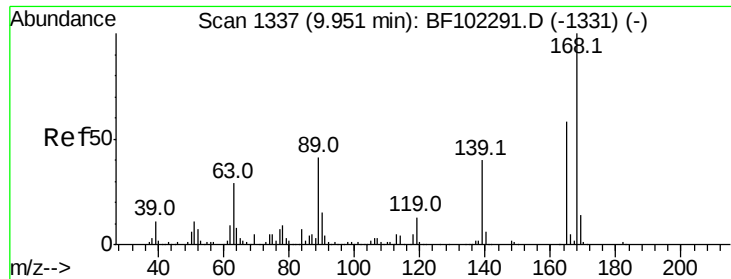
Tot Ion:	165	Resp:	34145
Ion Ratio	Lower	Upper	
165	100		
63	2.1	44.7	67.1#
89	1.9	44.0	66.0#



#53
 2,4-Dinitrophenol
 Concen: 3.755 ng
 RT: 10.08 min Scan# 1359
 Delta R.T. 0.25 min
 Lab File: BF102548.D
 Acq: 28 Jan 2018 9:16

Tgt Ion:	184	Resp:	129
Ion Ratio	Lower	Upper	
184	100		
63	83.3	54.2	81.2#
154	0.0	184.0	276.0#

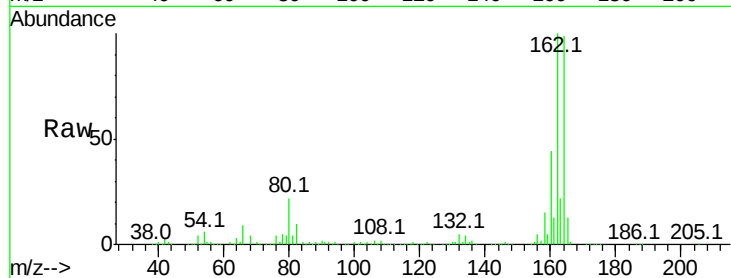




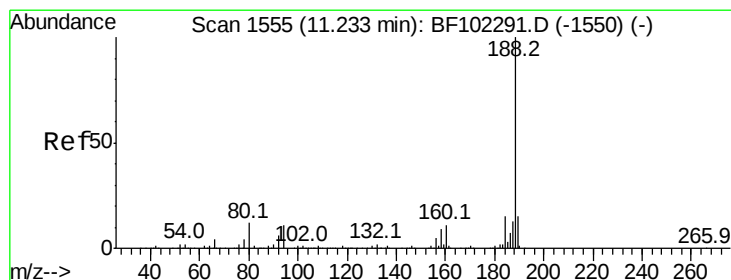
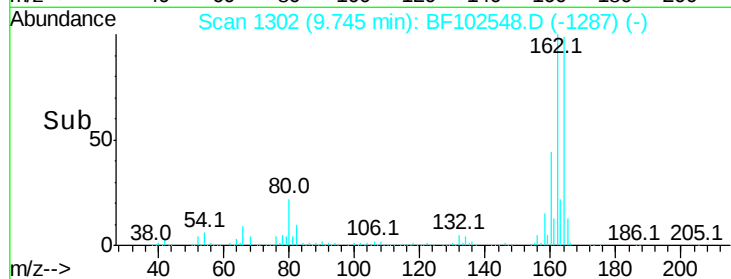
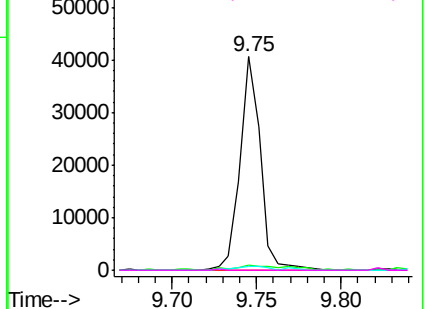
#56
 2,4-Dinitrotoluene
 Concen: 6.015 ng
 RT: 9.75 min Scan# 1302
 Delta R.T. -0.21 min
 Lab File: BF102548.D
 Acq: 28 Jan 2018 9:16

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 34145
 Ion Ratio Lower Upper
 165 100
 63 2.1 36.4 54.6#
 89 1.9 57.8 86.6#
 182 0.0 1.6 2.4#

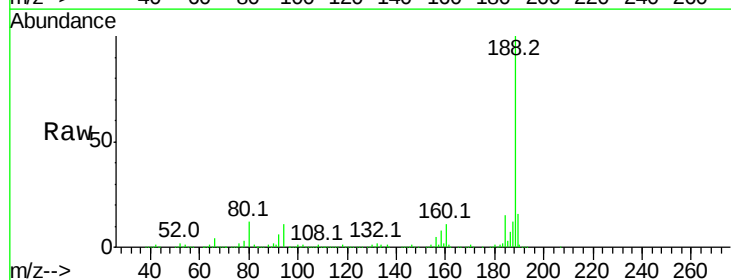


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

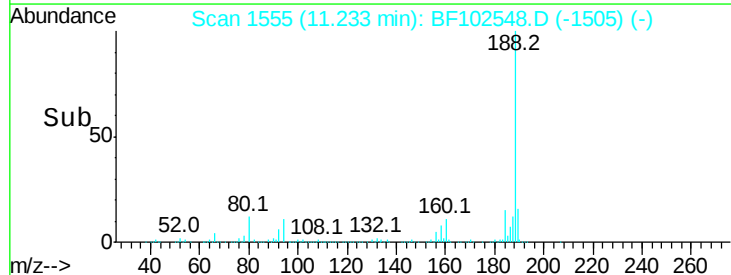
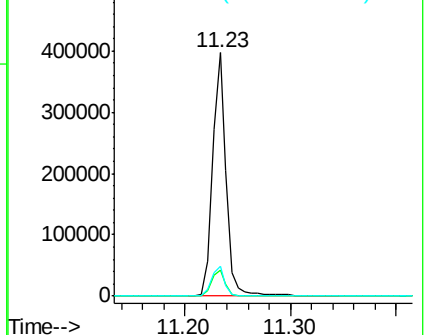


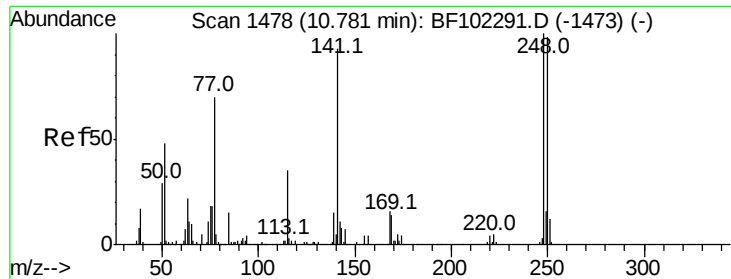
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.23 min Scan# 1555
 Delta R.T. -0.01 min
 Lab File: BF102548.D
 Acq: 28 Jan 2018 9:16

Tgt Ion:188 Resp: 361657
 Ion Ratio Lower Upper
 188 100
 94 10.5 8.5 12.7
 80 12.0 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

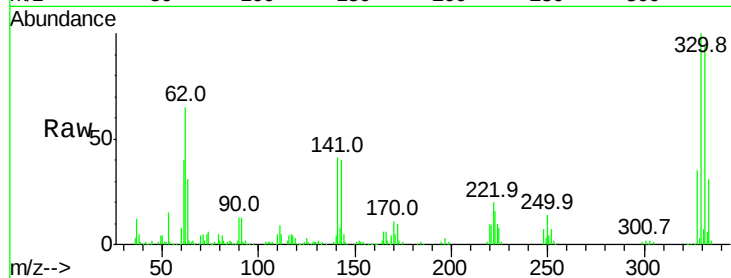




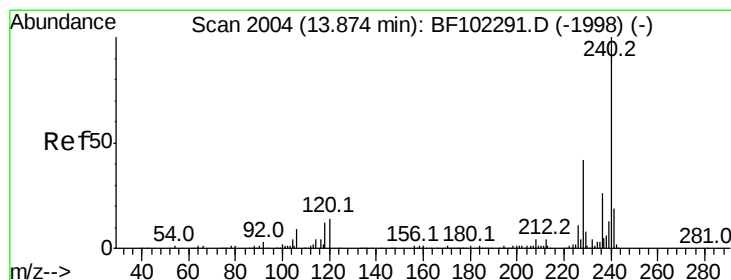
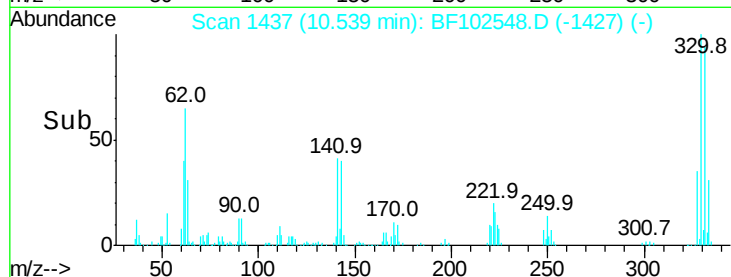
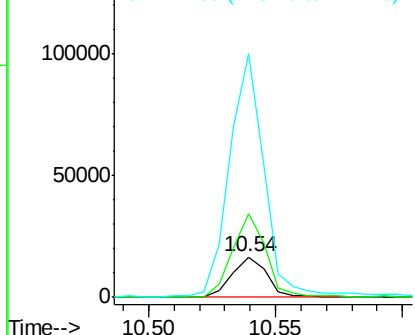
#66
4-Bromophenyl-phenylether
Concen: 4.038 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.24 min
Lab File: BF102548.D
Acq: 28 Jan 2018 9:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 15721
Ion Ratio Lower Upper
248 100
250 207.6 76.9 115.3#
141 603.0 74.4 111.6#

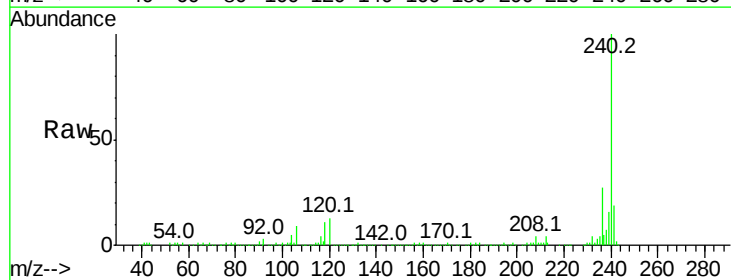


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

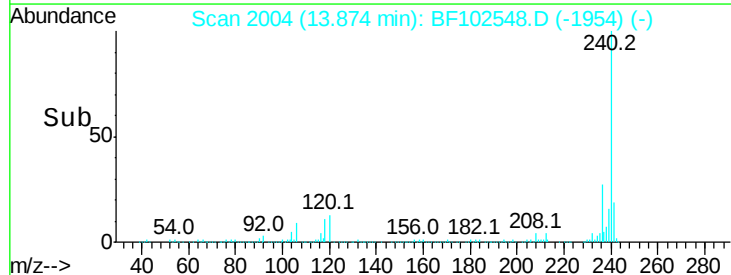
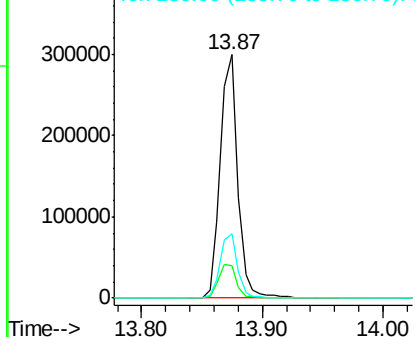


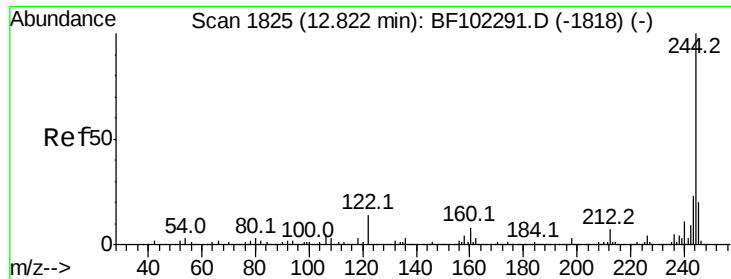
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 2004
Delta R.T. -0.01 min
Lab File: BF102548.D
Acq: 28 Jan 2018 9:16

Tgt Ion:240 Resp: 300133
Ion Ratio Lower Upper
240 100
120 13.2 9.5 14.3
236 26.7 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

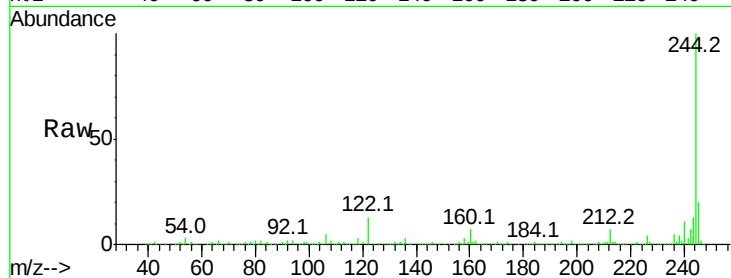




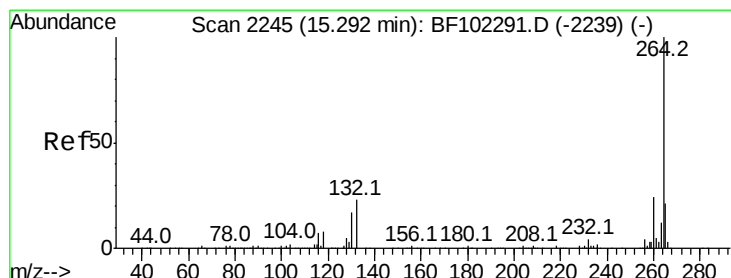
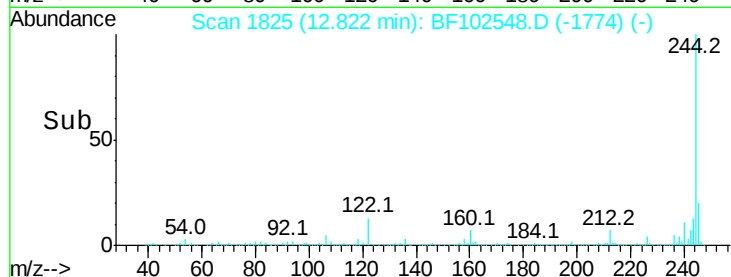
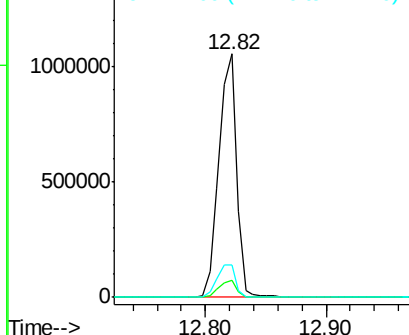
#78
 Terphenyl-d14
 Concen: 80.342 ng
 RT: 12.82 min Scan# 1825
 Delta R.T. 0.00 min
 Lab File: BF102548.D
 Acq: 28 Jan 2018 9:16

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 1069631
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.0
 122 13.2 11.0 16.4

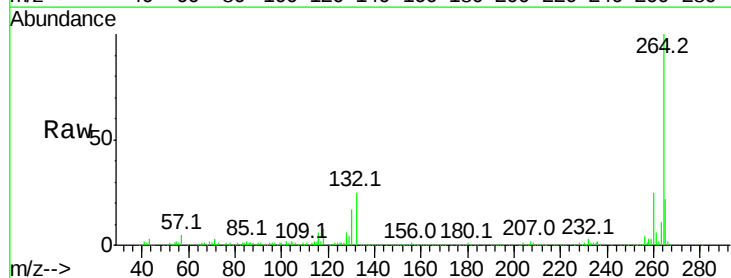


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.30 min Scan# 2246
 Delta R.T. -0.01 min
 Lab File: BF102548.D
 Acq: 28 Jan 2018 9:16

Tgt Ion:264 Resp: 254227
 Ion Ratio Lower Upper
 264 100
 260 24.6 19.2 28.8
 265 21.9 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

