

Data Path : U:\HPCHEM1\BNA F\DATA\BF012718\
 Data File : BF102549.D
 Acq On : 28 Jan 2018 9:43
 Operator : SJ/JU
 Sample : J1321-03
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 28 23:56:48 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

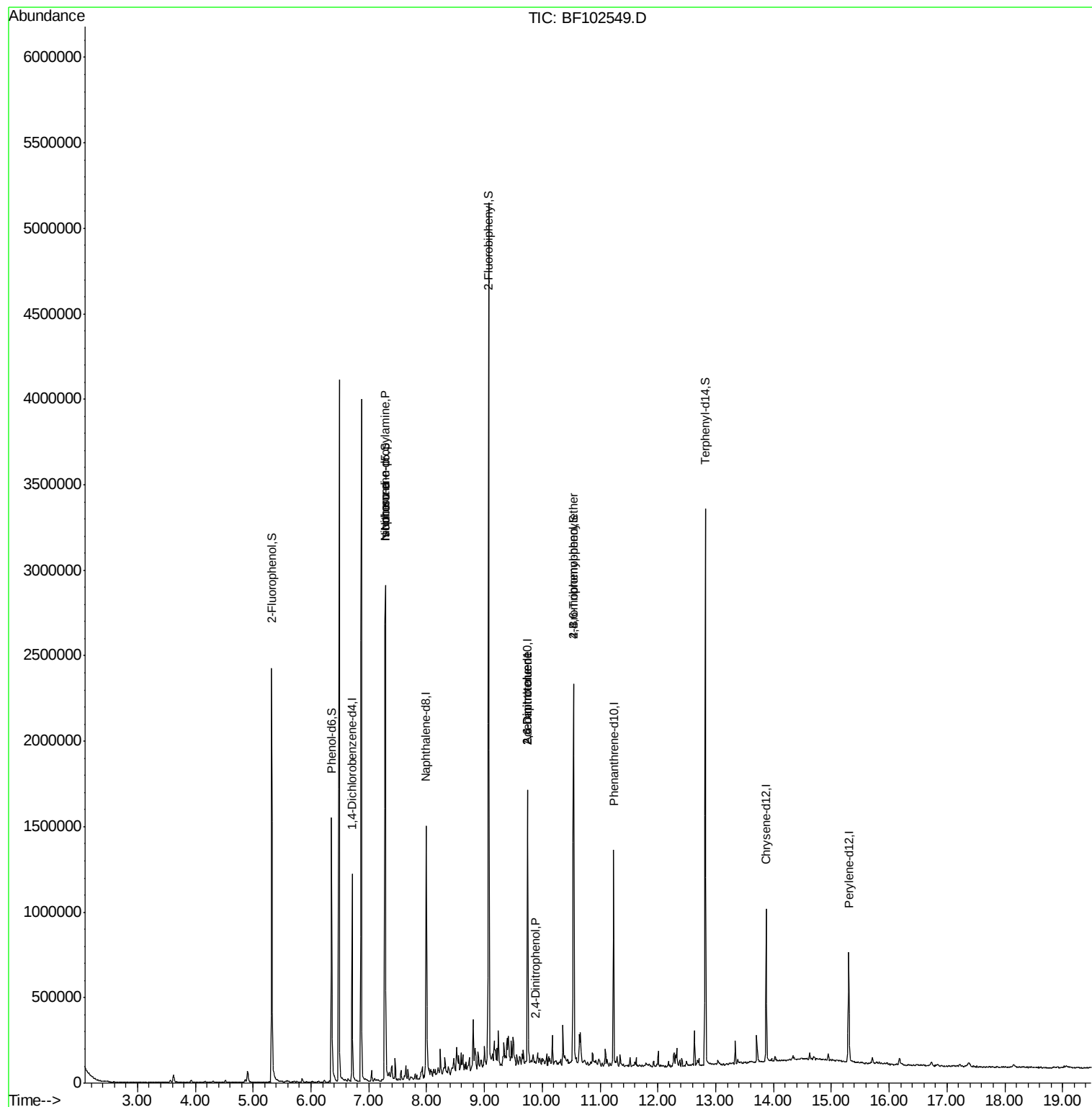
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	181194	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	726480	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	292766	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	412662	20.00	ng	0.00
75) Chrysene-d12	13.87	240	318189	20.00	ng	0.00
86) Perylene-d12	15.30	264	265328	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	722012	60.42	ng	0.00
7) Phenol-d6	6.35	99	572033	39.71	ng	-0.01
23) Nitrobenzene-d5	7.29	82	1059426	83.80	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	264174	91.07	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	1692239	84.99	ng	0.00
78) Terphenyl-d14	12.82	244	1149965	81.47	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.29	70	143448	16.270	ng	# 78
25) Isophorone	7.29	82	1061943	47.120	ng	# 64
50) 2,6-Dinitrotoluene	9.75	165	37636	7.214	ng	# 30
53) 2,4-Dinitrophenol	9.89	184	386	3.853	ng	# 1
56) 2,4-Dinitrotoluene	9.75	165	37636	5.866	ng	# 27
66) 4-Bromophenyl-phenylether	10.54	248	18621	4.192	ng	# 1

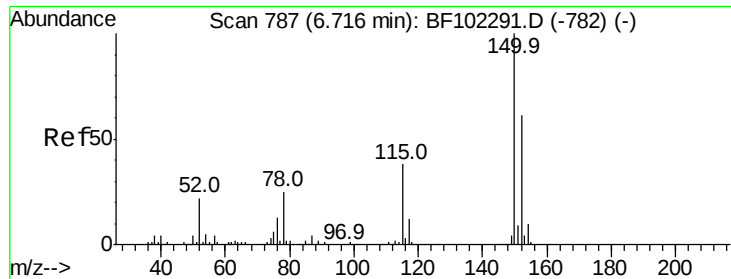
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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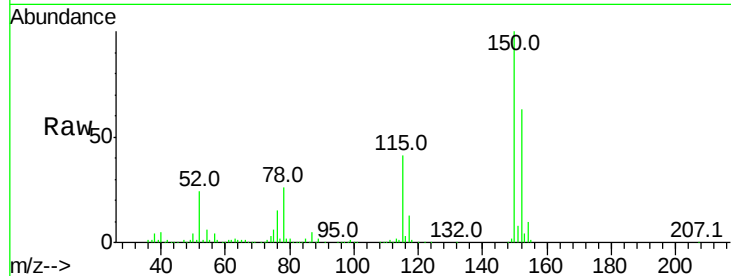


#1

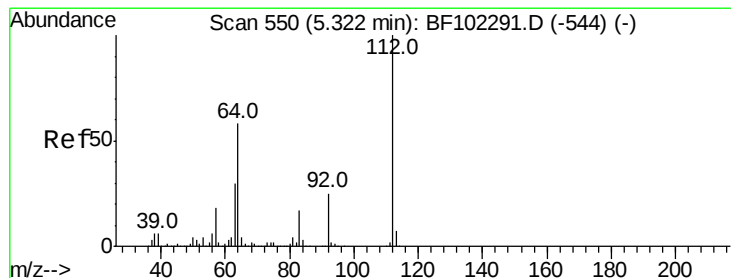
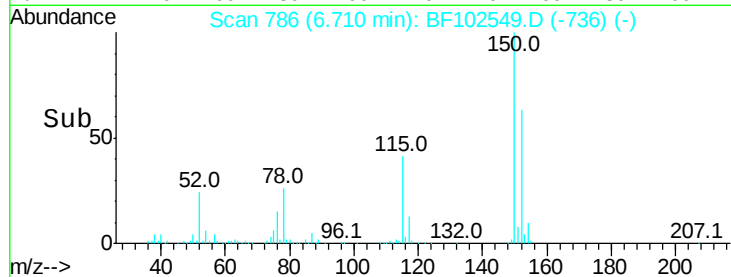
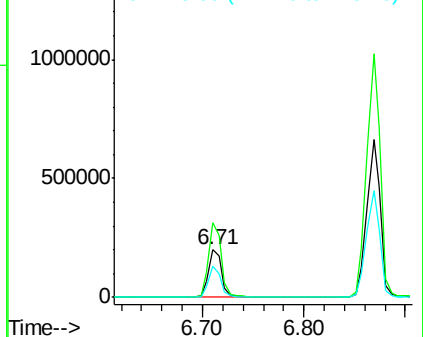
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.71 min Scan# 786
Delta R.T. -0.01 min
Lab File: BF102549.D
Acq: 28 Jan 2018 9:43

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 181194
Ion Ratio Lower Upper
152 100
150 157.9 124.6 186.8
115 65.2 50.1 75.1



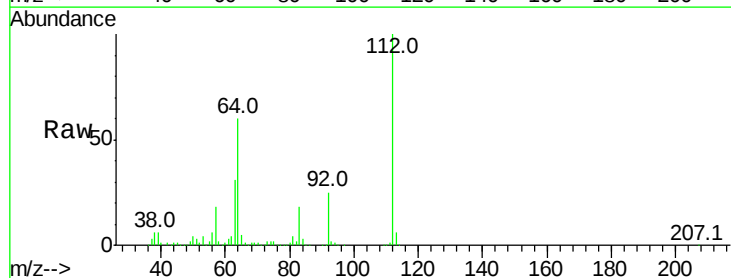
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



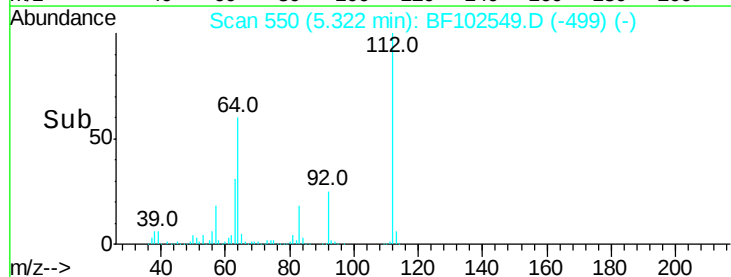
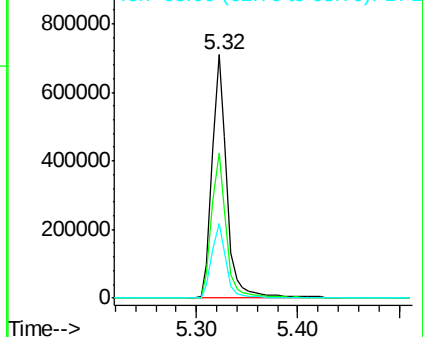
#5

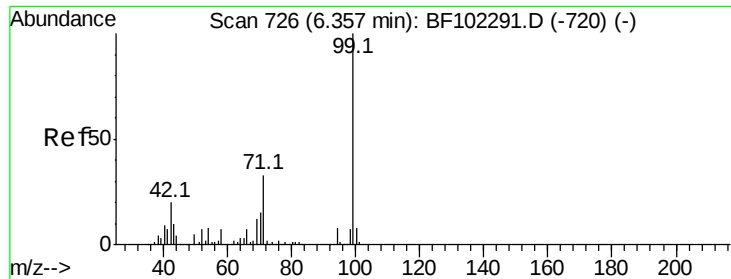
2-Fluorophenol
Concen: 60.419 ng
RT: 5.32 min Scan# 550
Delta R.T. -0.00 min
Lab File: BF102549.D
Acq: 28 Jan 2018 9:43

Tgt Ion:112 Resp: 722012
Ion Ratio Lower Upper
112 100
64 59.7 47.9 71.9
63 30.7 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: 39.706 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF102549.D

Acq: 28 Jan 2018 9:43

Instrument :

BNA_F

ClientSampleId :

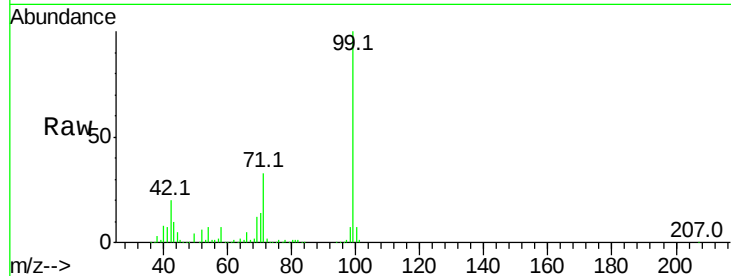
Tot Ion: 99 Resp: 572033

Ion Ratio Lower Upper

99 100

42 20.2 14.5 21.7

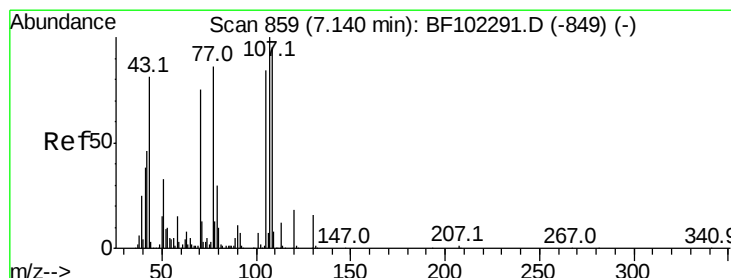
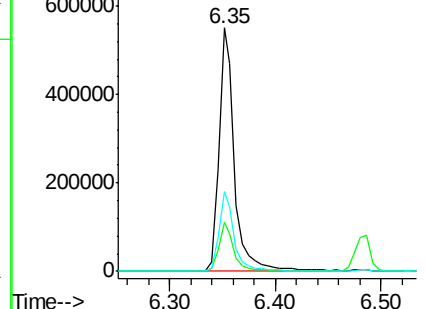
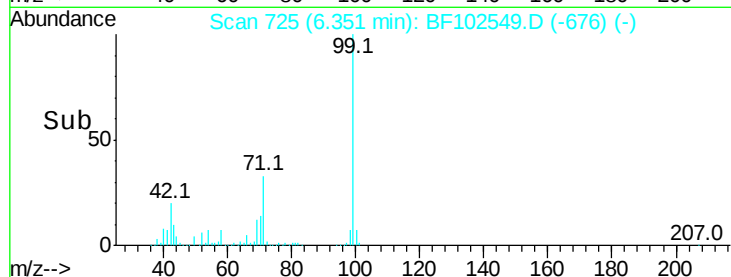
71 32.8 25.4 38.0



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



#19

n-Nitroso-di-n-propylamine

Concen: 16.270 ng

RT: 7.29 min Scan# 884

Delta R.T. 0.15 min

Lab File: BF102549.D

Acq: 28 Jan 2018 9:43

Tgt Ion: 70 Resp: 143448

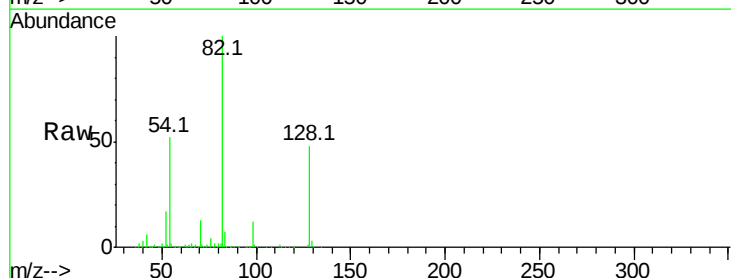
Ion Ratio Lower Upper

70 100

42 47.6 47.5 71.3

101 0.0 7.4 11.2#

130 2.2 16.6 25.0#

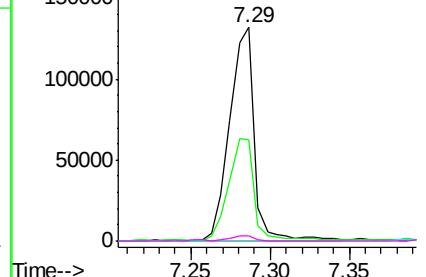
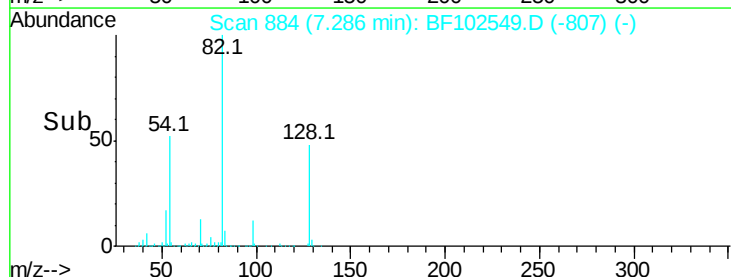


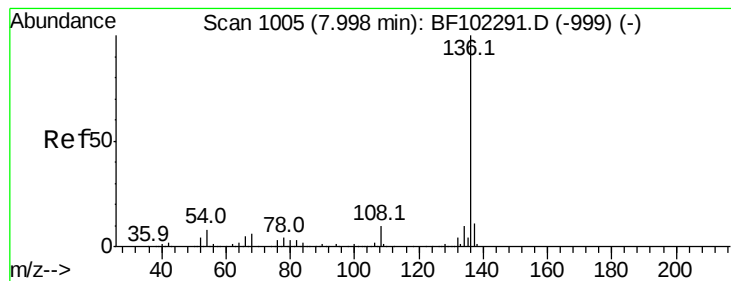
Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.99 min Scan# 1004

Delta R.T. -0.01 min

Lab File: BF102549.D

Acq: 28 Jan 2018 9:43

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 726480

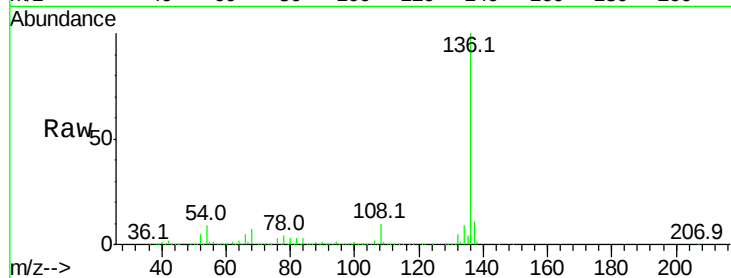
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 9.1 6.6 9.8

68 6.8 5.0 7.4

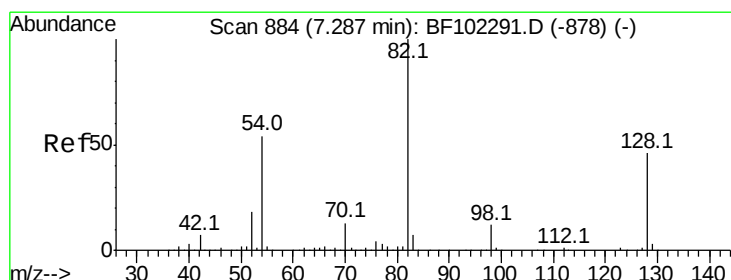
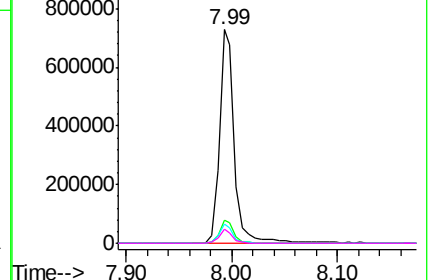
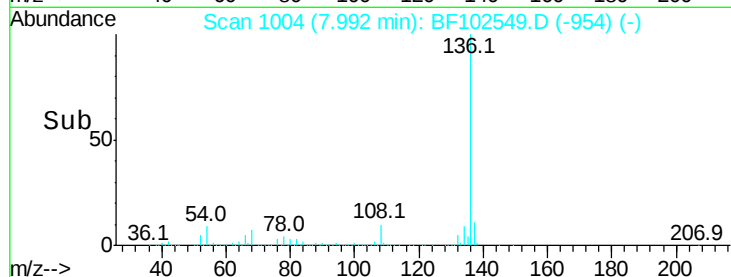


Abundance Ion 136.00 (135.70 to 136.70): E

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: 83.804 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.00 min

Lab File: BF102549.D

Acq: 28 Jan 2018 9:43

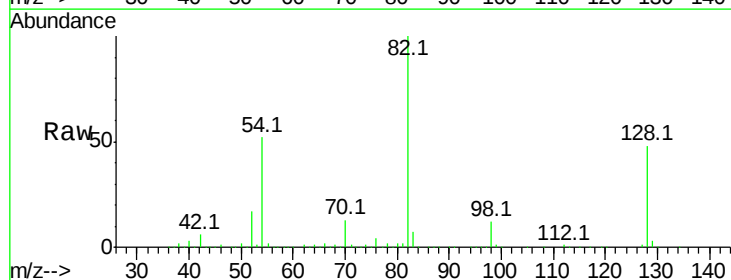
Tgt Ion: 82 Resp: 1059426

Ion Ratio Lower Upper

82 100

128 48.1 36.1 54.1

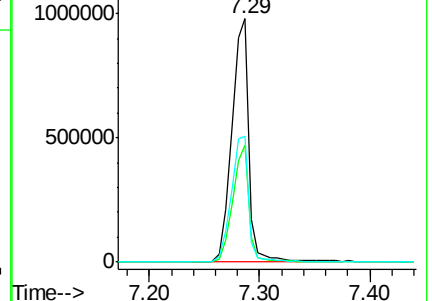
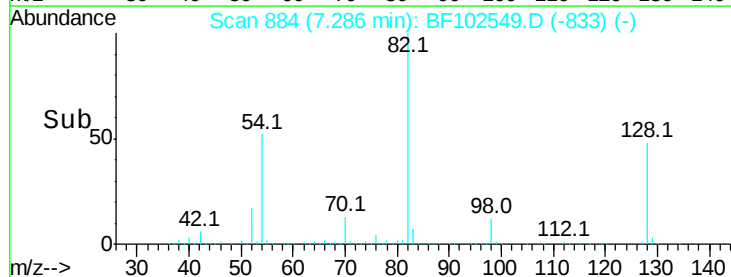
54 51.9 41.4 62.2

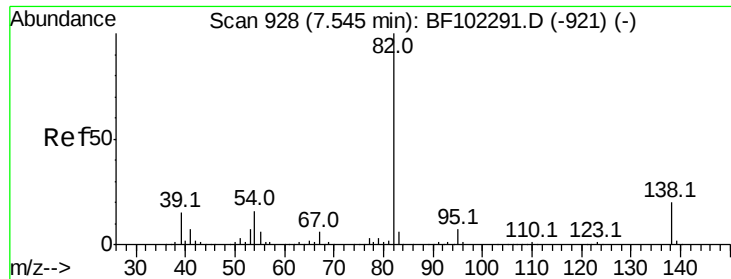


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 47.120 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.26 min

Lab File: BF102549.D

Acq: 28 Jan 2018 9:43

Instrument :

BNA_F

ClientSampled :

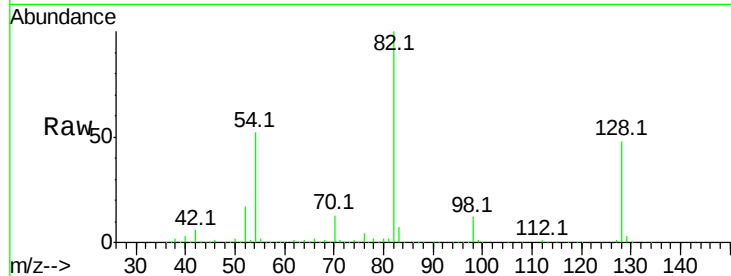
Tot Ion: 82 Resp: 1061943

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

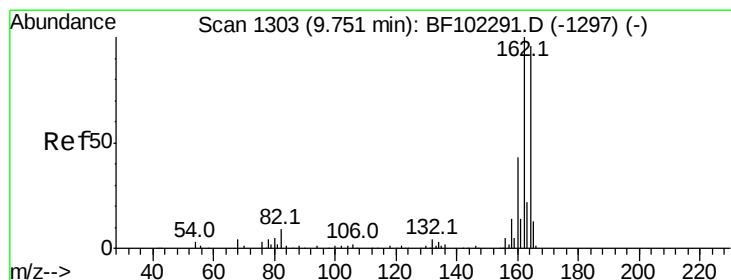
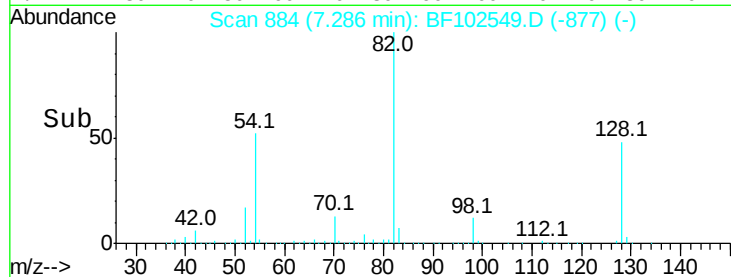
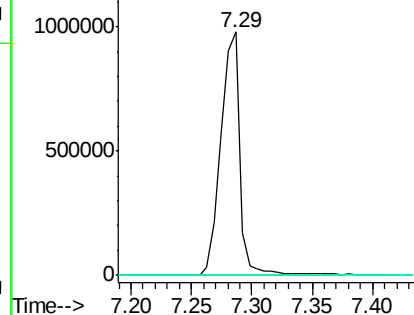
138 0.0 14.9 22.3#



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.75 min Scan# 1302

Delta R.T. -0.01 min

Lab File: BF102549.D

Acq: 28 Jan 2018 9:43

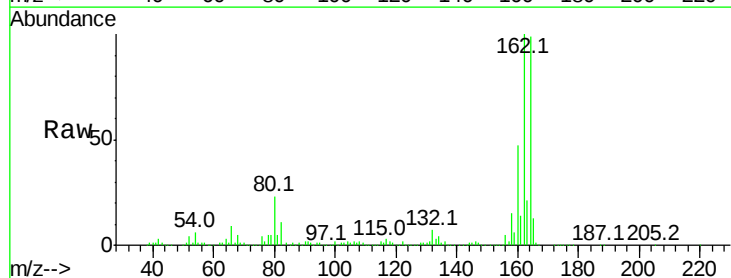
Tgt Ion:164 Resp: 292766

Ion Ratio Lower Upper

164 100

162 100.7 86.1 129.1

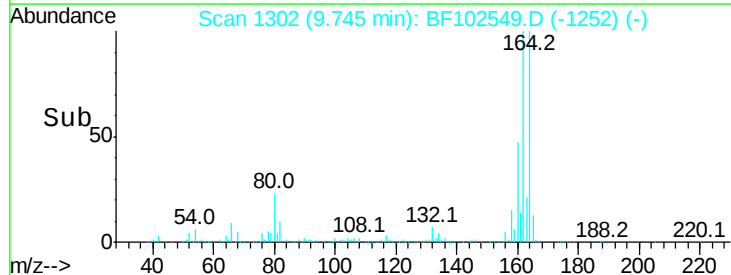
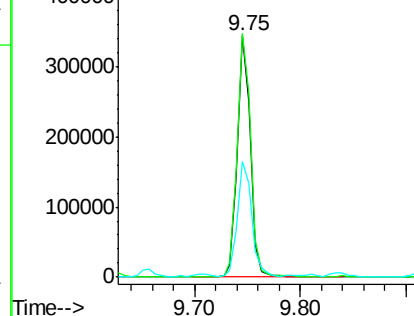
160 47.7 38.3 57.5

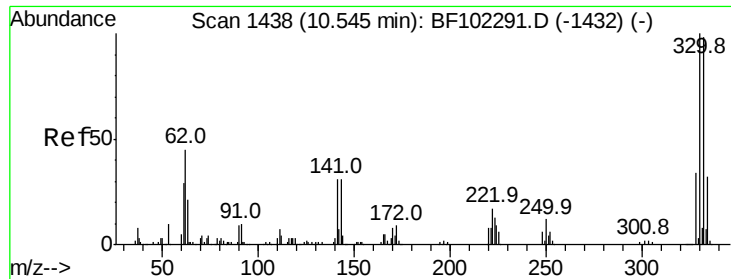


Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1

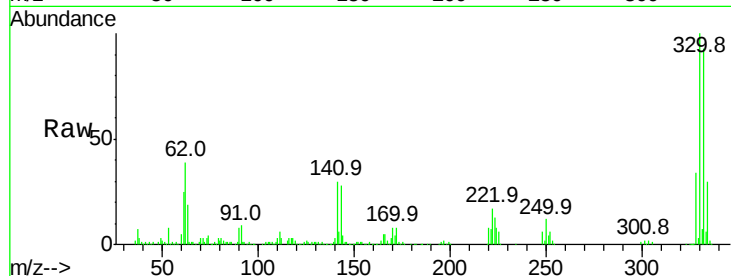




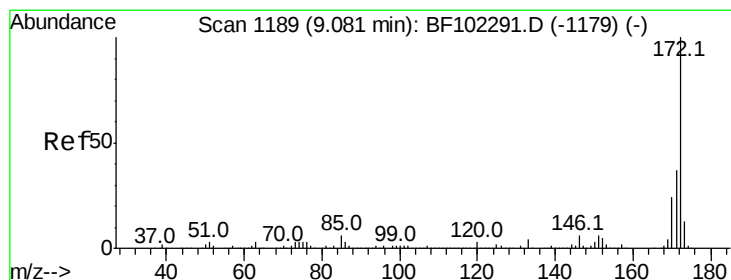
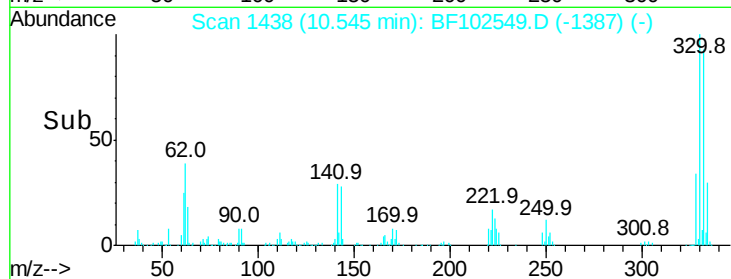
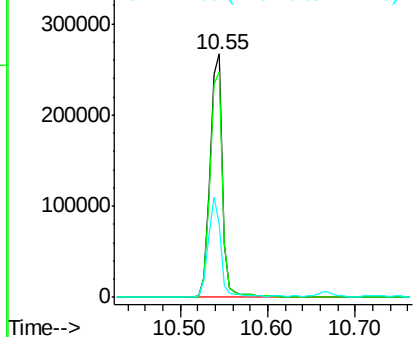
#41
 2,4,6-Tribromophenol
 Concen: 91.067 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.00 min
 Lab File: BF102549.D
 Acq: 28 Jan 2018 9:43

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.7	77.0	115.6
141	40.3	29.9	44.9

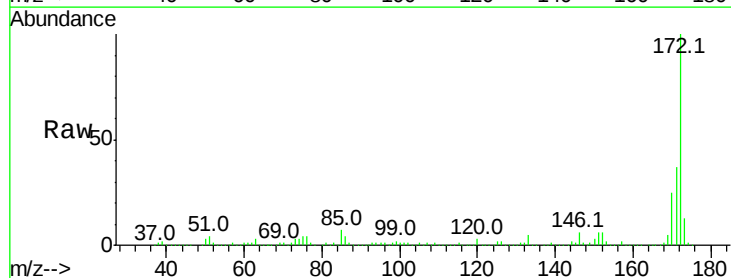


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

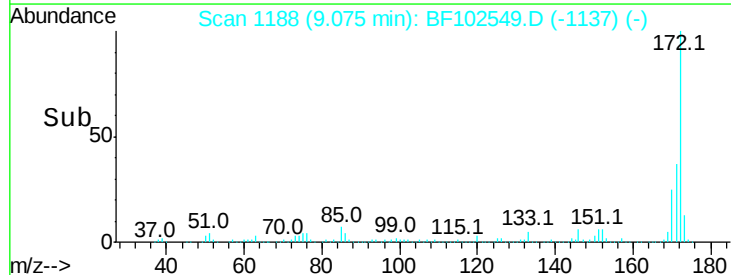
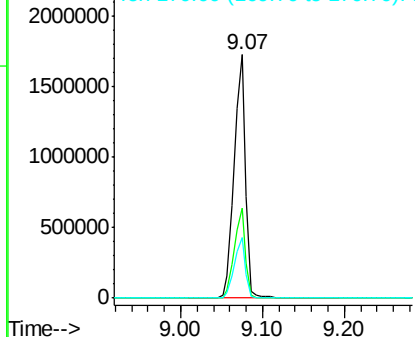


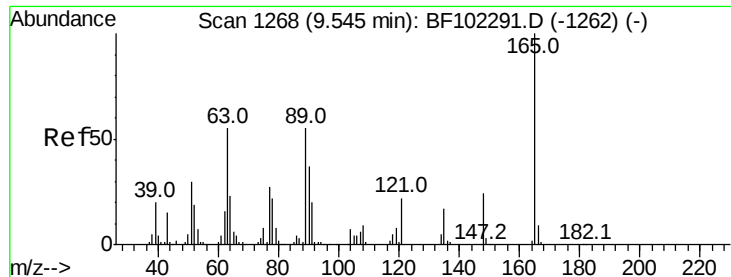
#44
 2-Fluorobiphenyl
 Concen: 84.989 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. -0.00 min
 Lab File: BF102549.D
 Acq: 28 Jan 2018 9:43

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.7	44.5
170	24.9	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

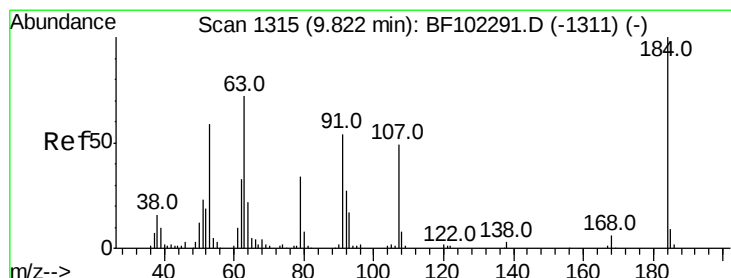
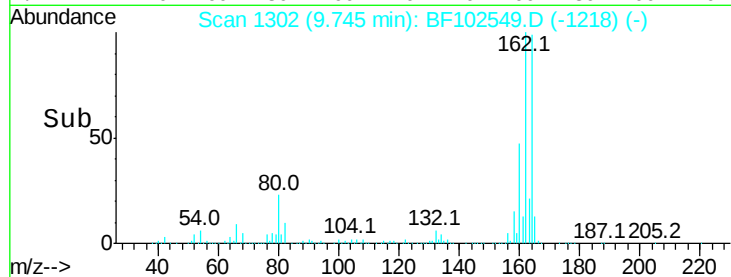
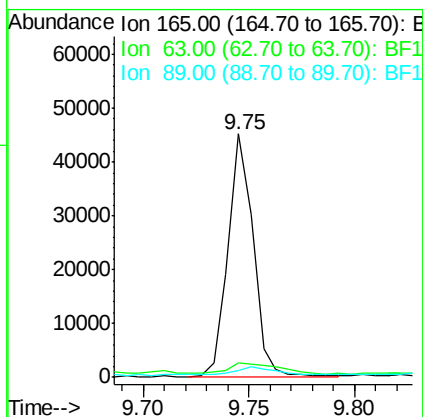
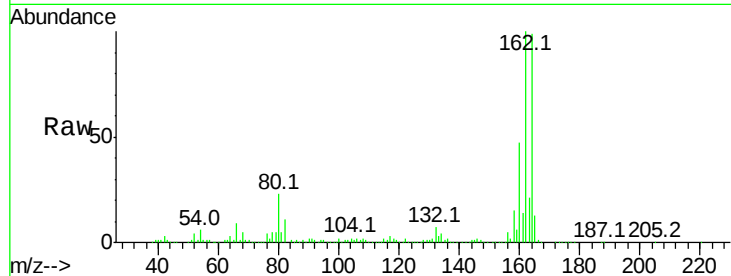




#50
2,6-Dinitrotoluene
Concen: 7.214 ng
RT: 9.75 min Scan# 1302
Delta R.T. 0.19 min
Lab File: BF102549.D
Acq: 28 Jan 2018 9:43

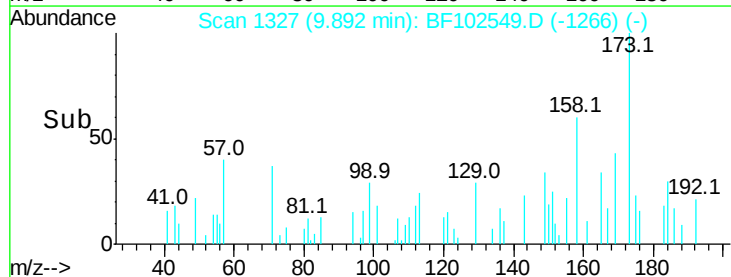
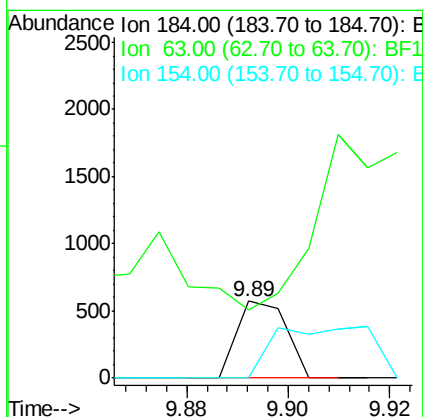
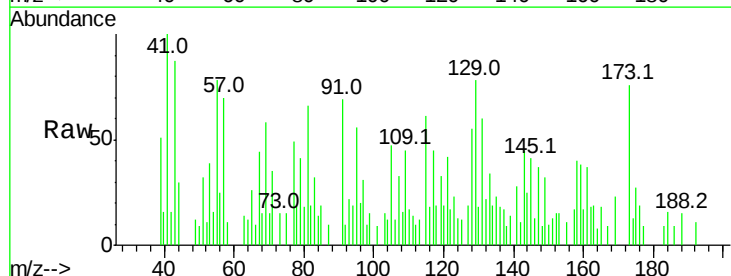
Instrument :
BNA_F
ClientSampleId :

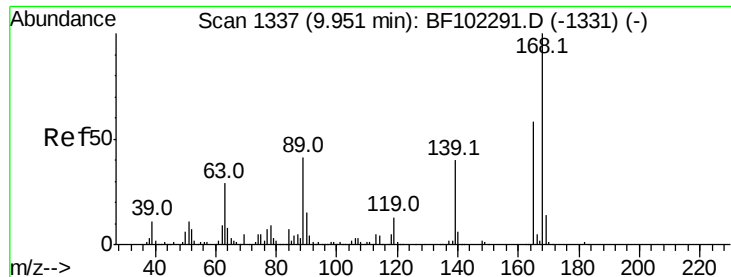
Tot Ion:165 Resp: 37636
Ion Ratio Lower Upper
165 100
63 5.8 44.7 67.1#
89 2.9 44.0 66.0#



#53
2,4-Dinitrophenol
Concen: 3.853 ng
RT: 9.89 min Scan# 1327
Delta R.T. 0.06 min
Lab File: BF102549.D
Acq: 28 Jan 2018 9:43

Tgt Ion:184 Resp: 386
Ion Ratio Lower Upper
184 100
63 88.9 54.2 81.2#
154 0.0 184.0 276.0#

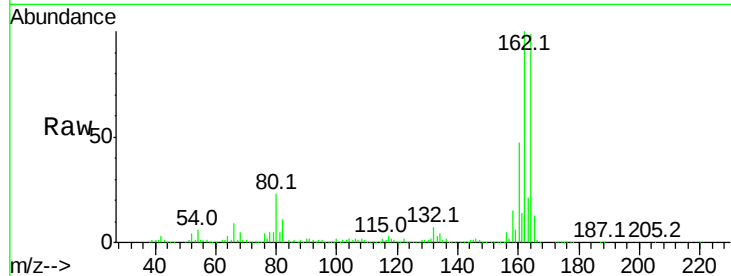




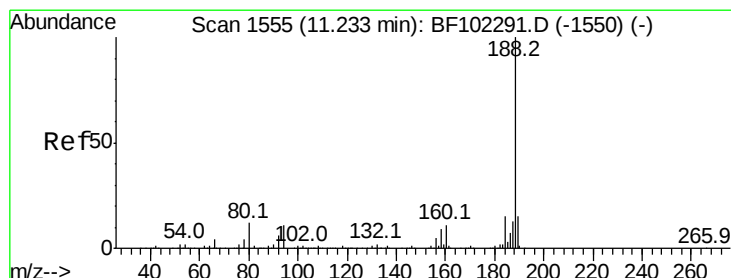
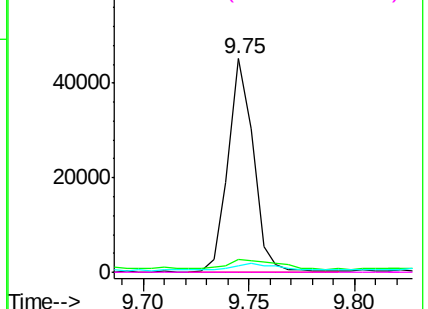
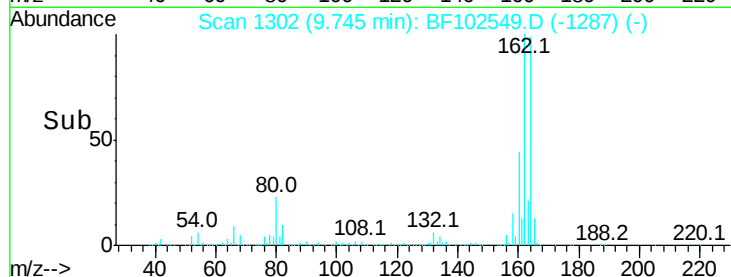
#56
 2,4-Dinitrotoluene
 Concen: 5.866 ng
 RT: 9.75 min Scan# 1302
 Delta R.T. -0.21 min
 Lab File: BF102549.D
 Acq: 28 Jan 2018 9:43

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 37636
 Ion Ratio Lower Upper
 165 100
 63 5.8 36.4 54.6#
 89 2.9 57.8 86.6#
 182 0.0 1.6 2.4#

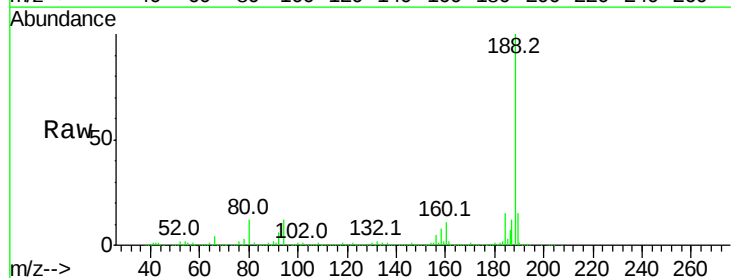


Abundance Ion 165.00 (164.70 to 165.70): E

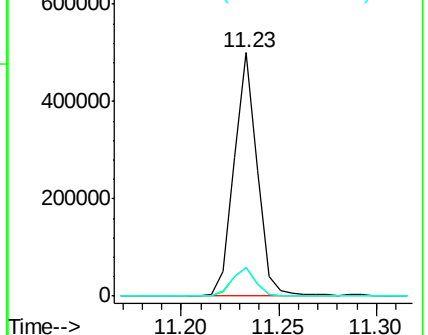
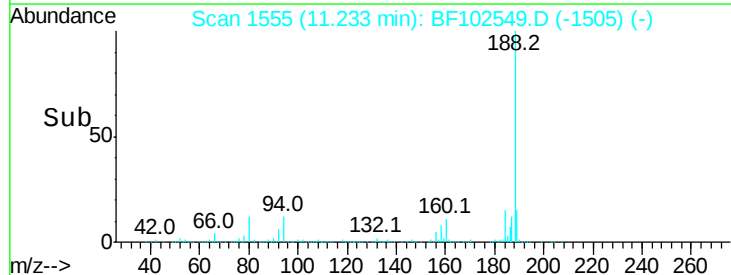


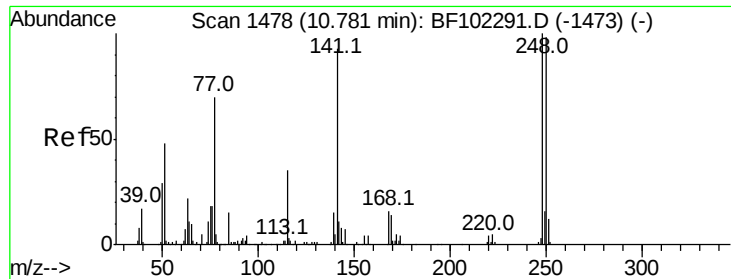
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.23 min Scan# 1555
 Delta R.T. -0.01 min
 Lab File: BF102549.D
 Acq: 28 Jan 2018 9:43

Tgt Ion:188 Resp: 412662
 Ion Ratio Lower Upper
 188 100
 94 11.7 8.5 12.7
 80 11.9 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E

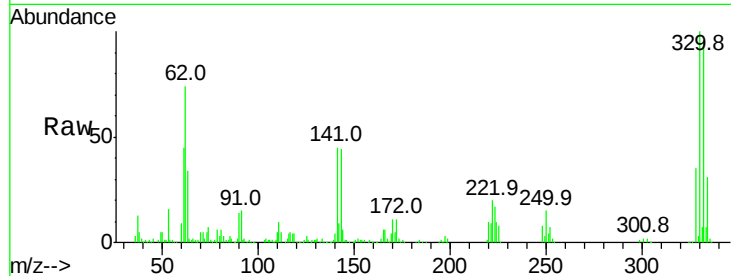




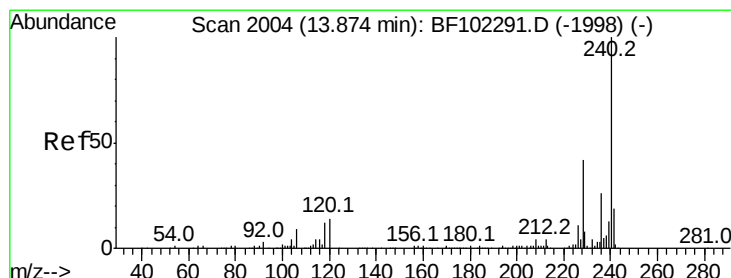
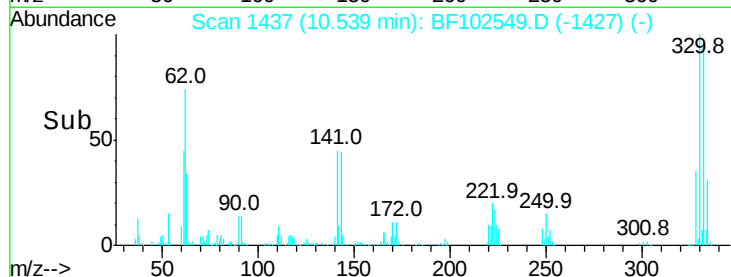
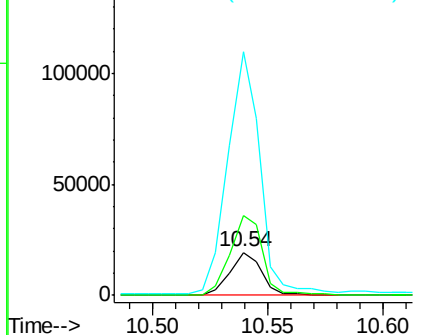
#66
4-Bromophenyl-phenylether
Concen: 4.192 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.24 min
Lab File: BF102549.D
Acq: 28 Jan 2018 9:43

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 18621
Ion Ratio Lower Upper
248 100
250 185.5 76.9 115.3#
141 563.8 74.4 111.6#

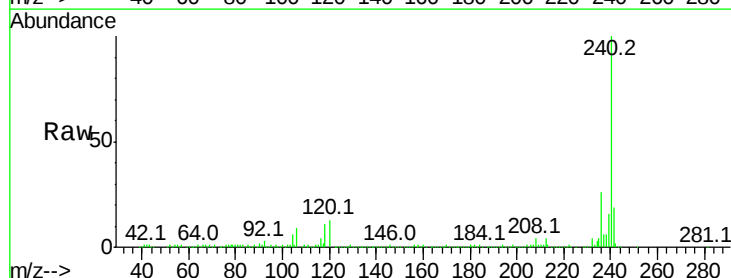


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

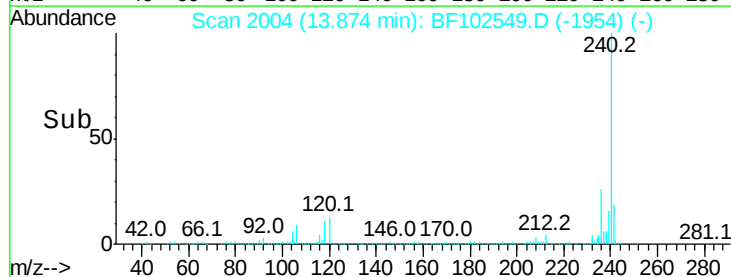
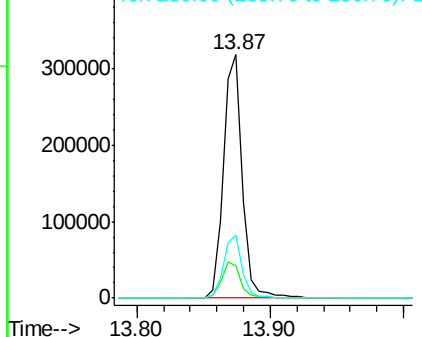


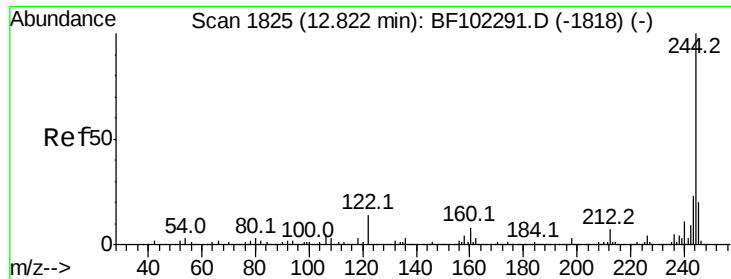
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 2004
Delta R.T. -0.01 min
Lab File: BF102549.D
Acq: 28 Jan 2018 9:43

Tgt Ion:240 Resp: 318189
Ion Ratio Lower Upper
240 100
120 13.5 9.5 14.3
236 26.0 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

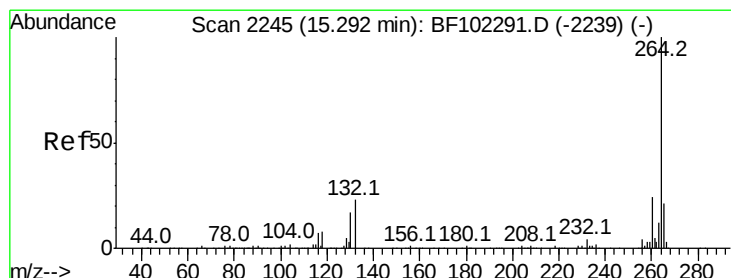
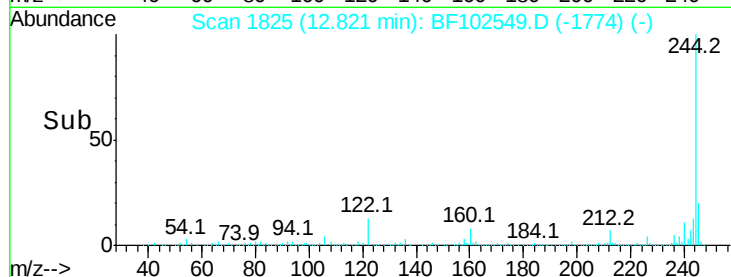
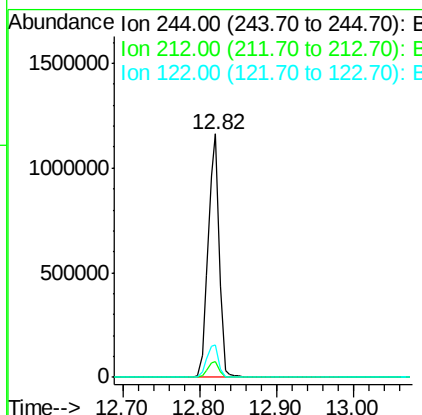
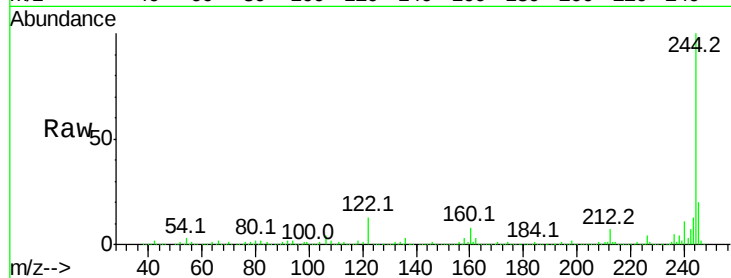




#78
 Terphenyl-d14
 Concen: 81.475 ng
 RT: 12.82 min Scan# 1825
 Delta R.T. -0.00 min
 Lab File: BF102549.D
 Acq: 28 Jan 2018 9:43

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 1149965
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.0
 122 13.1 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.30 min Scan# 2246
 Delta R.T. -0.01 min
 Lab File: BF102549.D
 Acq: 28 Jan 2018 9:43

Tgt Ion:264 Resp: 265328
 Ion Ratio Lower Upper
 264 100
 260 24.8 19.2 28.8
 265 21.6 17.5 26.3

