

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012318\
 Data File : BF102350.D
 Acq On : 23 Jan 2018 19:02
 Operator : SJ/JU
 Sample : PB105888BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 23 23:43:51 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 23 00:43:41 2018
 Response via : Initial Calibration

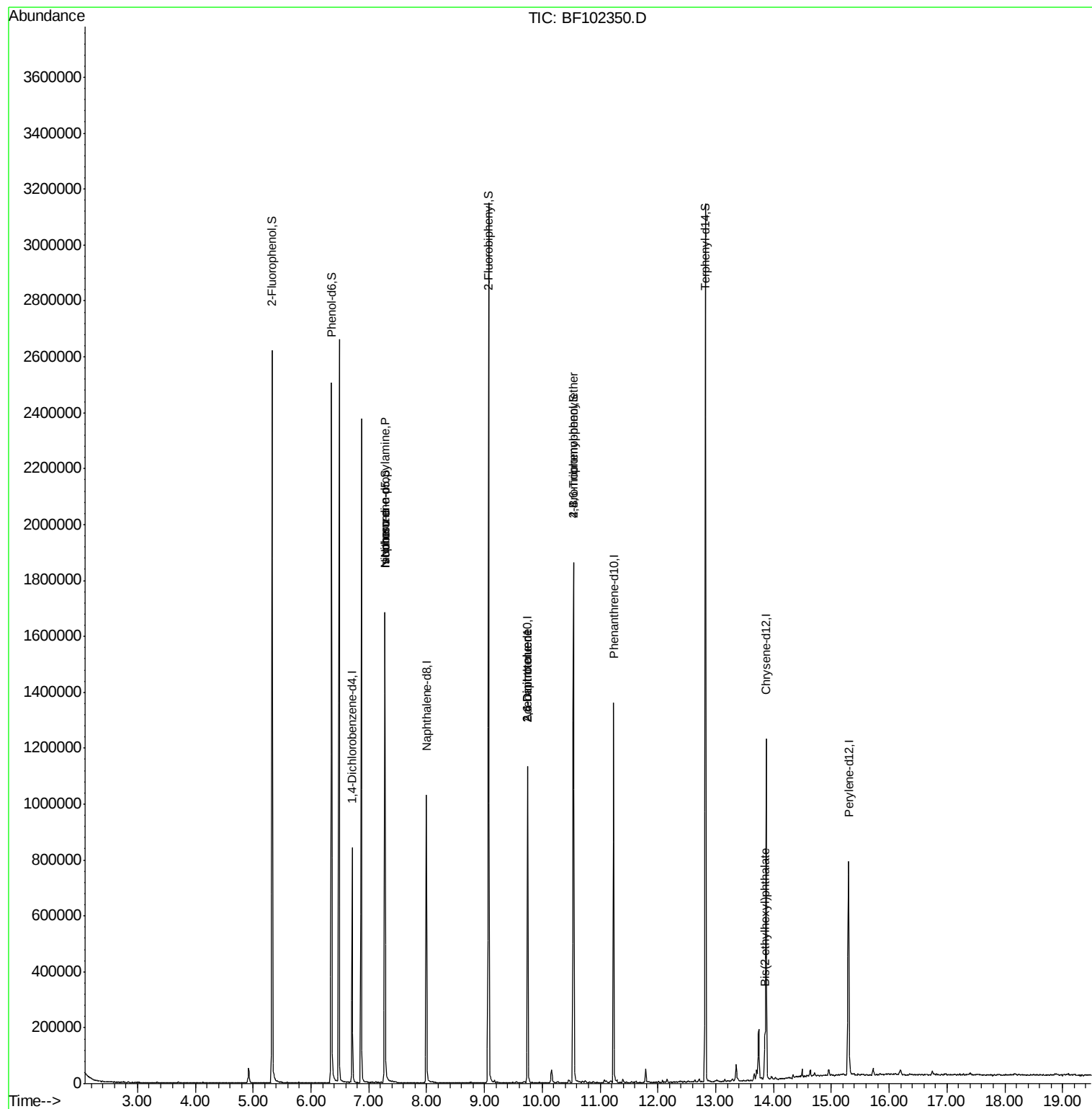
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	128271	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	545303	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	250823	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	461089	20.00	ng	0.00
75) Chrysene-d12	13.87	240	434005	20.00	ng	0.00
86) Perylene-d12	15.30	264	355874	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	789201	93.29	ng	0.00
7) Phenol-d6	6.36	99	928450	91.03	ng	0.00
23) Nitrobenzene-d5	7.28	82	580518	61.18	ng	0.00
41) 2,4,6-Tribromophenol	10.54	330	212648	85.56	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	1090159	63.91	ng	0.00
78) Terphenyl-d14	12.82	244	1156084	60.05	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.28	70	74259	11.898	ng	# 78
25) Isophorone	7.28	82	566050	33.461	ng	# 64
50) 2,6-Dinitrotoluene	9.75	165	31087	6.955	ng	# 25
56) 2,4-Dinitrotoluene	9.75	165	31087	5.656	ng	# 23
66) 4-Bromophenyl-phenylether	10.54	248	14678	2.957	ng	# 1
83) Bis(2-ethylhexyl)phthalate	13.85	149	45152	2.012	ng	# 98

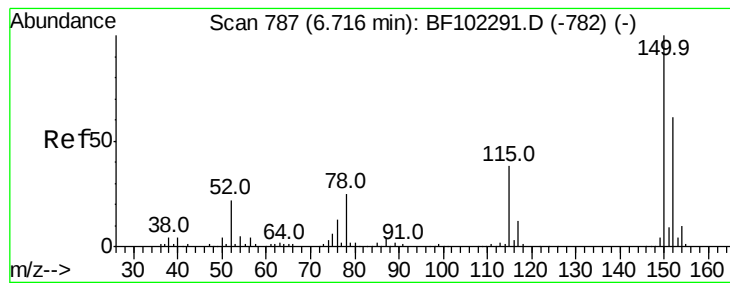
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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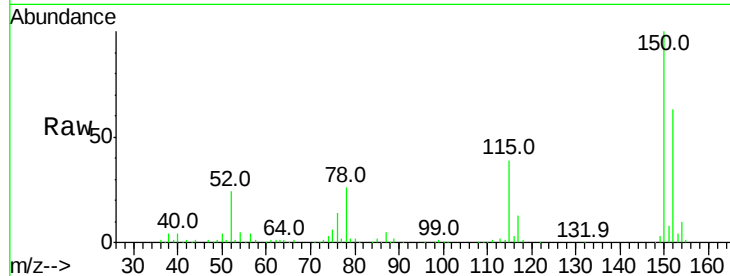


#1

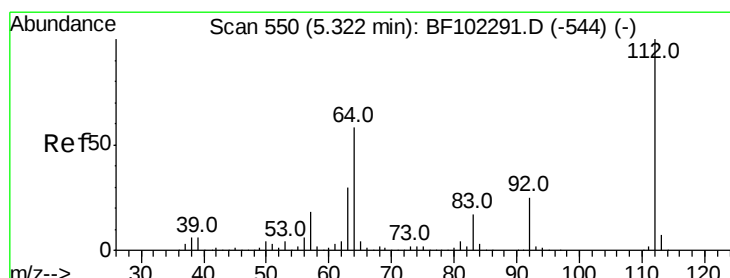
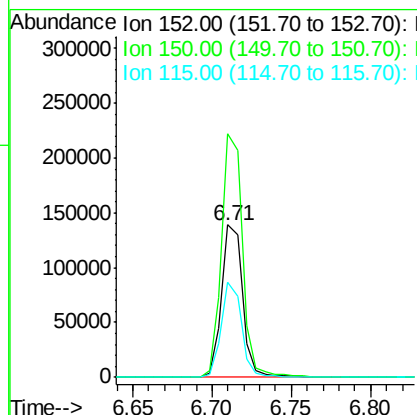
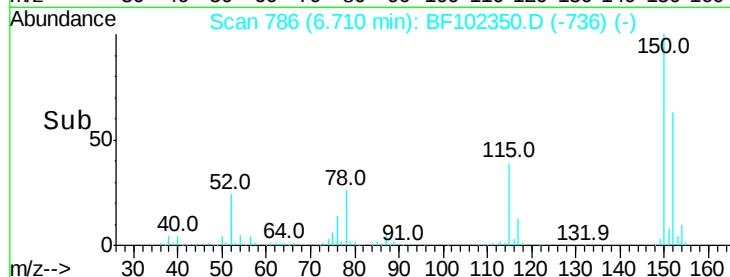
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.71 min Scan# 786
 Delta R.T. -0.01 min
 Lab File: BF102350.D
 Acq: 23 Jan 2018 19:02

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.7	124.6	186.8
115	62.5	50.1	75.1



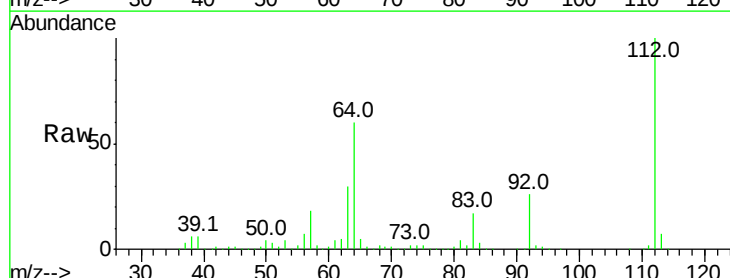
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



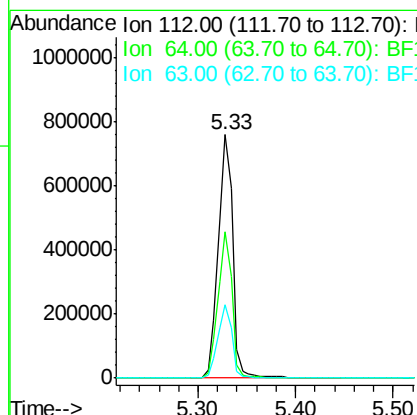
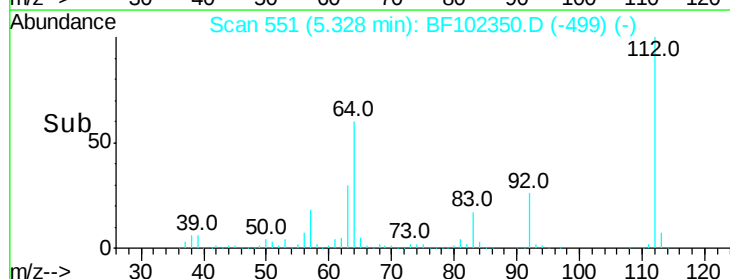
#5

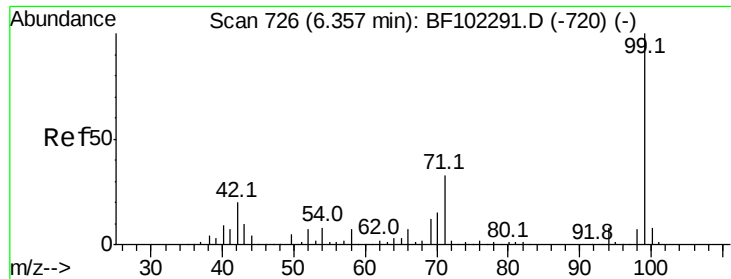
2-Fluorophenol
 Concen: 93.290 ng
 RT: 5.33 min Scan# 551
 Delta R.T. 0.01 min
 Lab File: BF102350.D
 Acq: 23 Jan 2018 19:02

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.1	47.9	71.9
63	30.0	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: 91.034 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.00 min

Lab File: BF102350.D

Acq: 23 Jan 2018 19:02

Instrument :

BNA_F

ClientSampleId :

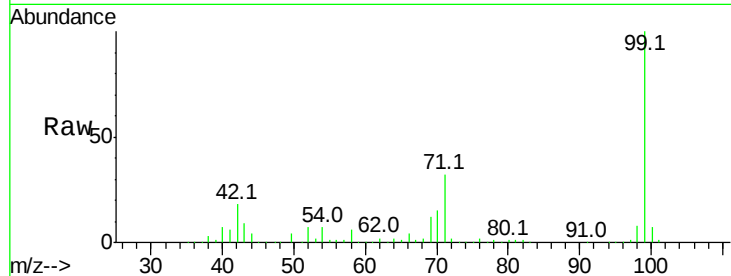
Tot Ion: 99 Resp: 928450

Ion Ratio Lower Upper

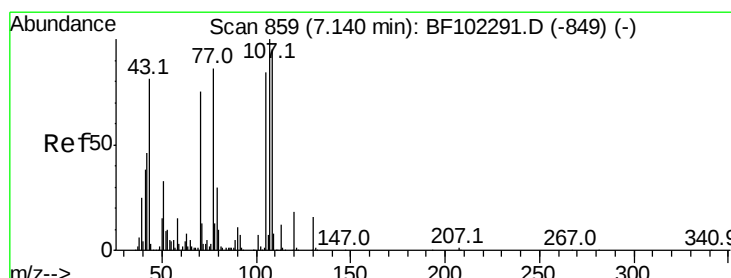
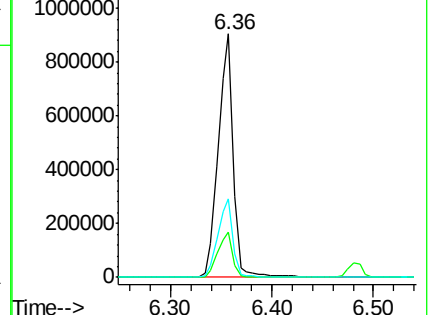
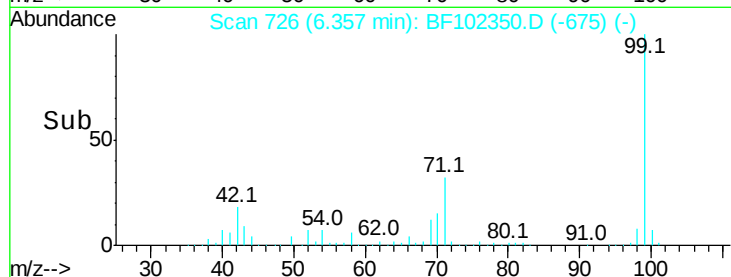
99 100

42 18.4 14.5 21.7

71 32.4 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: 11.898 ng

RT: 7.28 min Scan# 883

Delta R.T. 0.14 min

Lab File: BF102350.D

Acq: 23 Jan 2018 19:02

Tgt Ion: 70 Resp: 74259

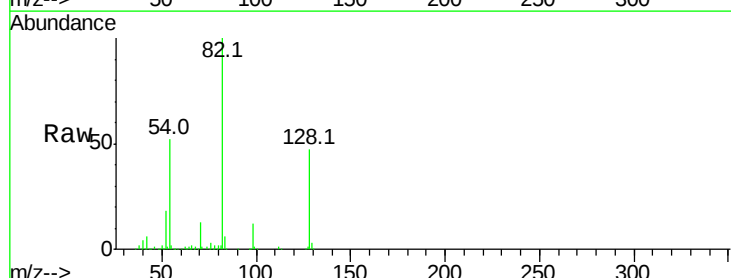
Ion Ratio Lower Upper

70 100

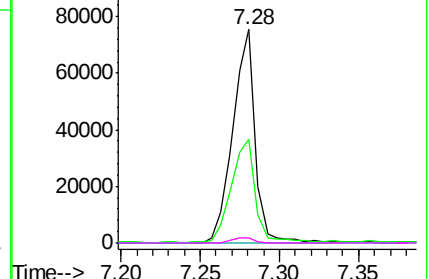
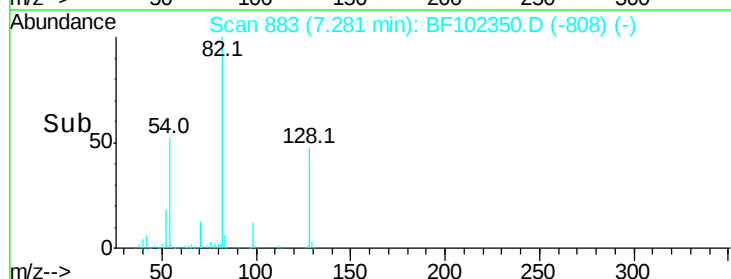
42 48.4 47.5 71.3

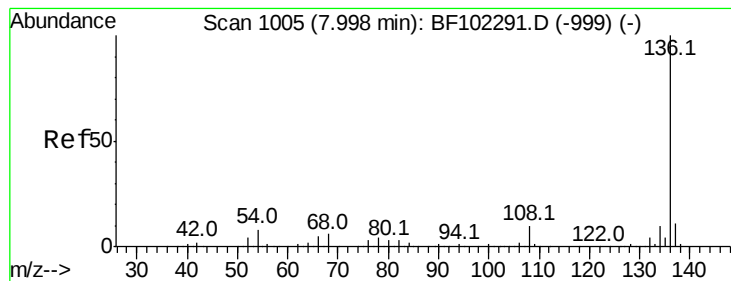
101 0.0 7.4 11.2#

130 2.3 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: 8.00 min Scan# 1005

Delta R.T. -0.00 min

Lab File: BF102350.D

Acq: 23 Jan 2018 19:02

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 545303

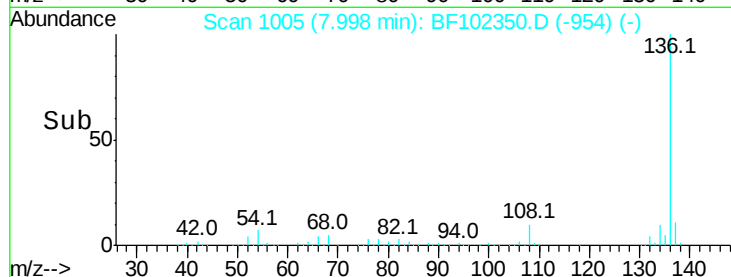
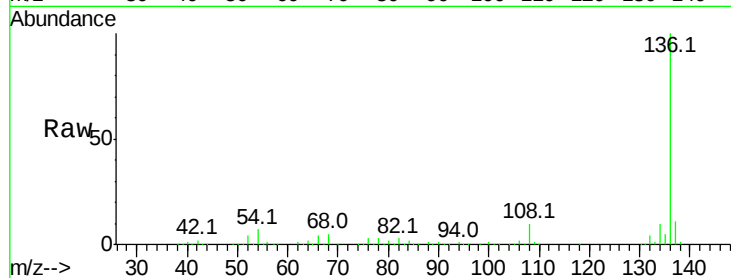
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 7.0 6.6 9.8

68 4.9 5.0 7.4#

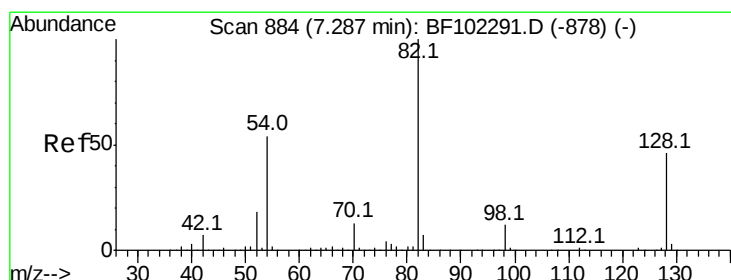
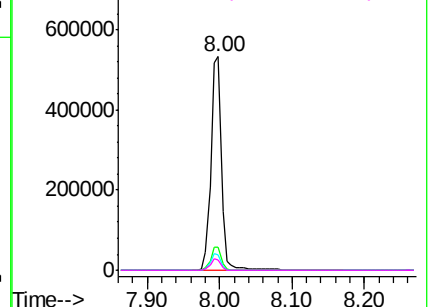


Abundance Ion 136.00 (135.70 to 136.70): E

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: 61.178 ng

RT: 7.28 min Scan# 883

Delta R.T. -0.01 min

Lab File: BF102350.D

Acq: 23 Jan 2018 19:02

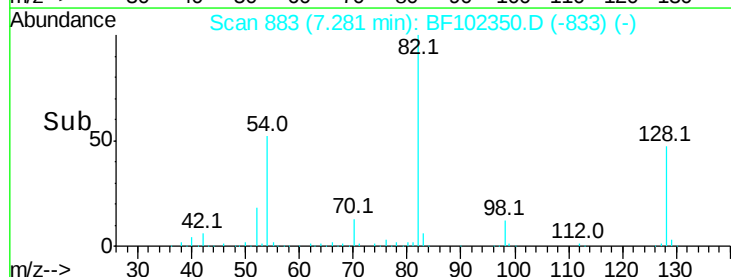
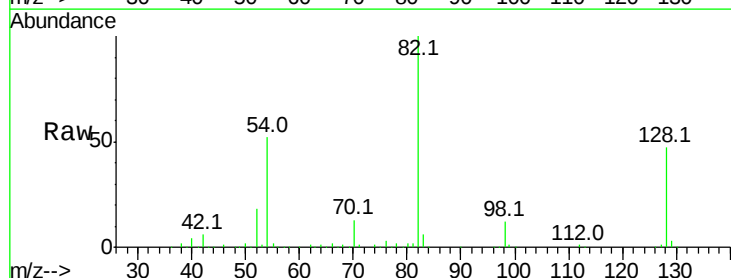
Tgt Ion: 82 Resp: 580518

Ion Ratio Lower Upper

82 100

128 46.8 36.1 54.1

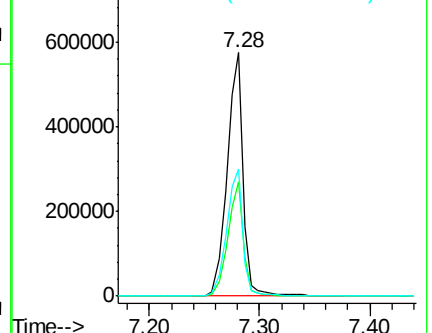
54 52.3 41.4 62.2

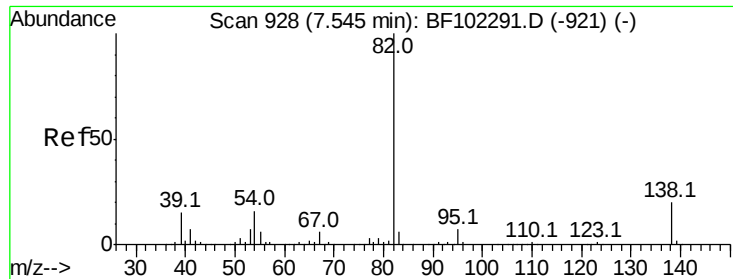


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 33.461 ng

RT: 7.28 min Scan# 883

Delta R.T. -0.26 min

Lab File: BF102350.D

Acq: 23 Jan 2018 19:02

Instrument :

BNA_F

ClientSampled :

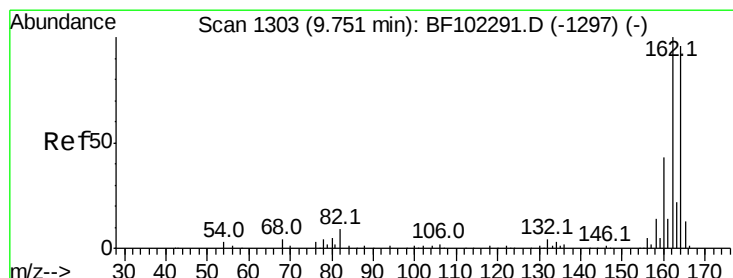
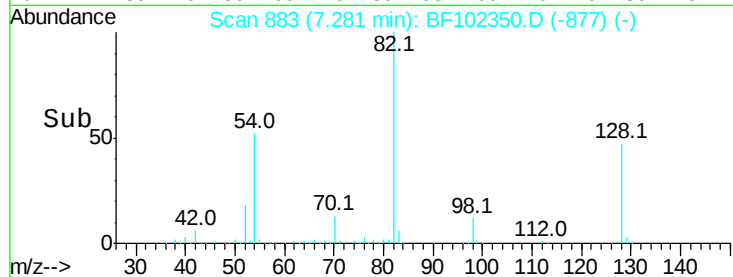
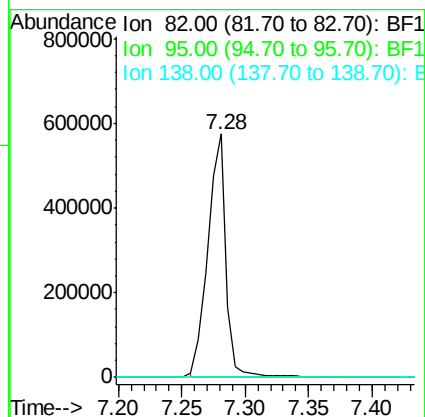
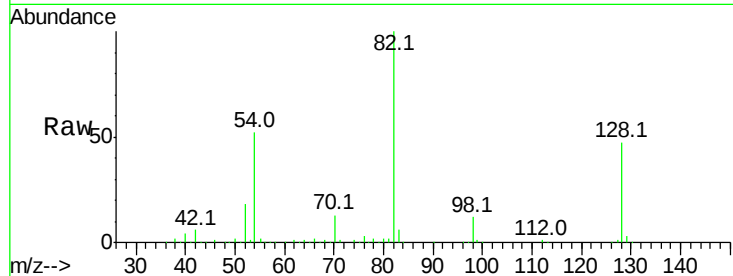
Tot Ion: 82 Resp: 566050

Ion Ratio Lower Upper

82 100

95 0.0 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: BF102350.D

Acq: 23 Jan 2018 19:02

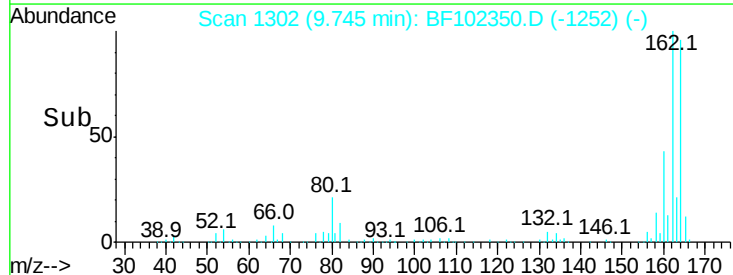
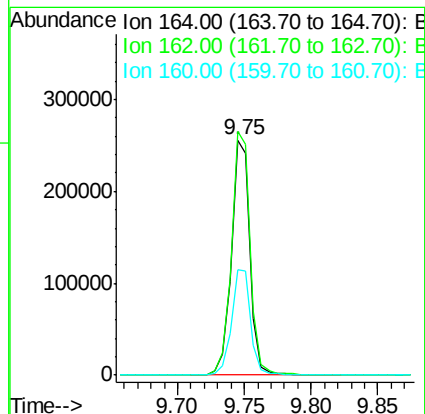
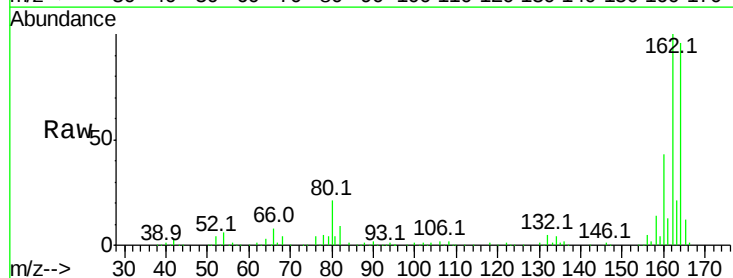
Tgt Ion:164 Resp: 250823

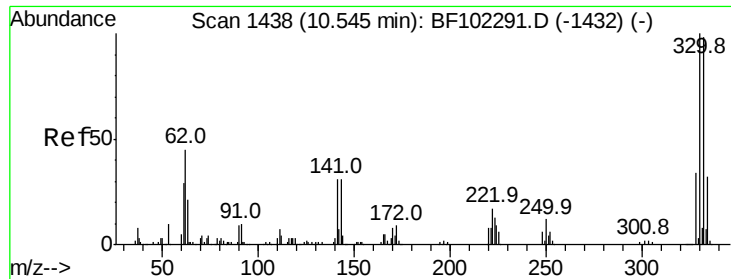
Ion Ratio Lower Upper

164 100

162 103.7 86.1 129.1

160 44.8 38.3 57.5

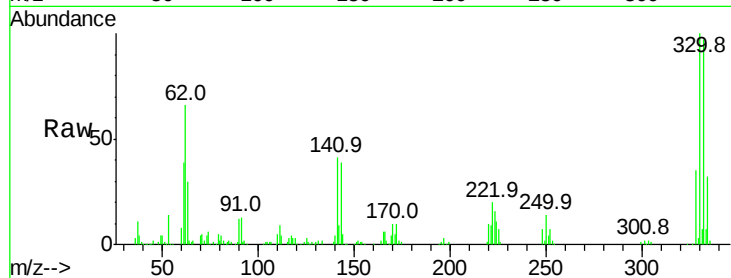




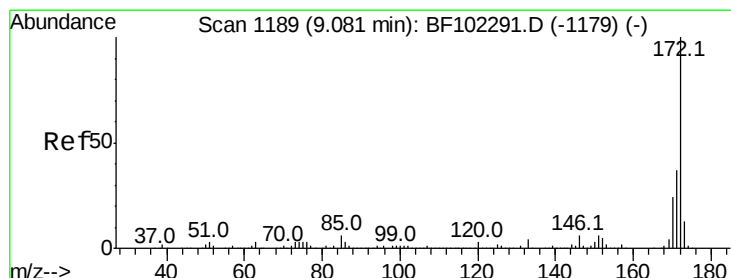
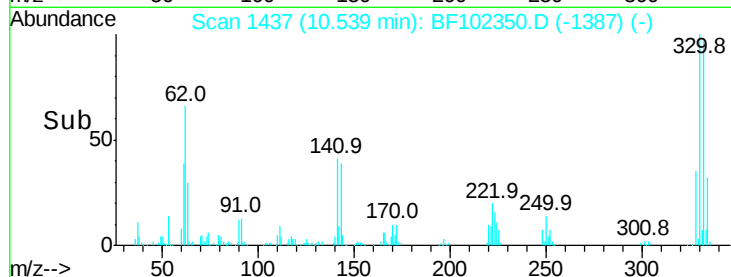
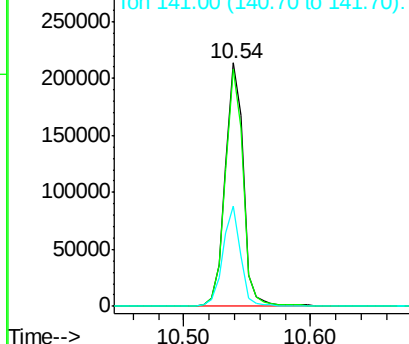
#41
 2,4,6-Tribromophenol
 Concen: 85.562 ng
 RT: 10.54 min Scan# 1437
 Delta R.T. -0.01 min
 Lab File: BF102350.D
 Acq: 23 Jan 2018 19:02

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.0	115.6
141	40.4	29.9	44.9

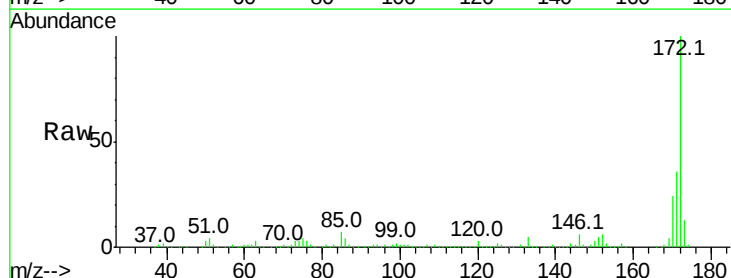


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

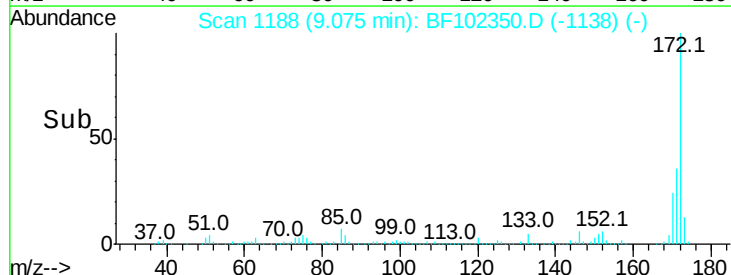
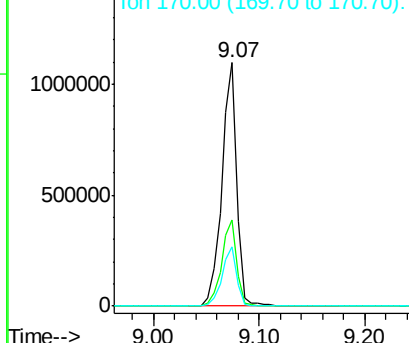


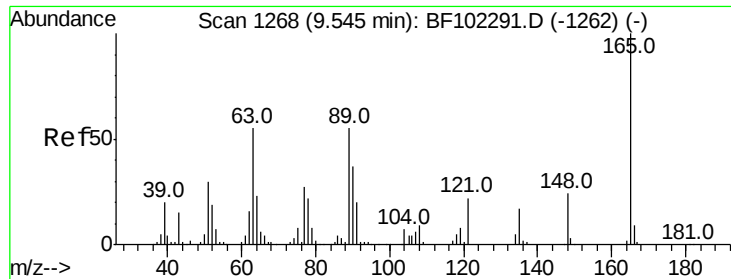
#44
 2-Fluorobiphenyl
 Concen: 63.906 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. -0.01 min
 Lab File: BF102350.D
 Acq: 23 Jan 2018 19:02

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.7	44.5
170	24.4	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

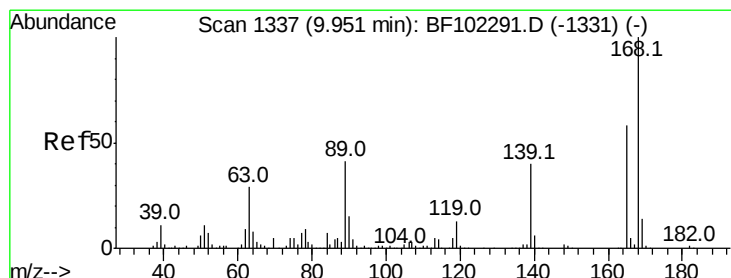
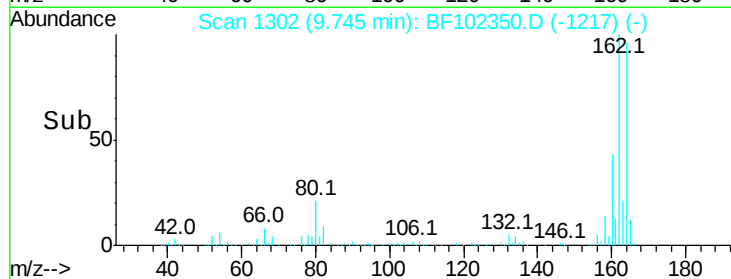
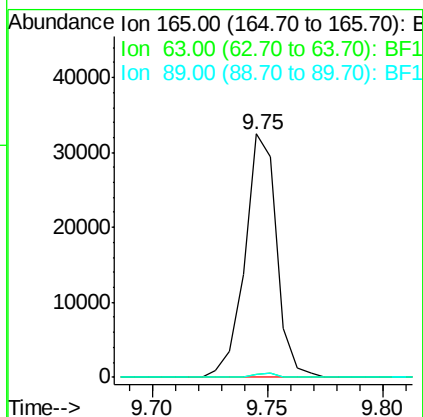
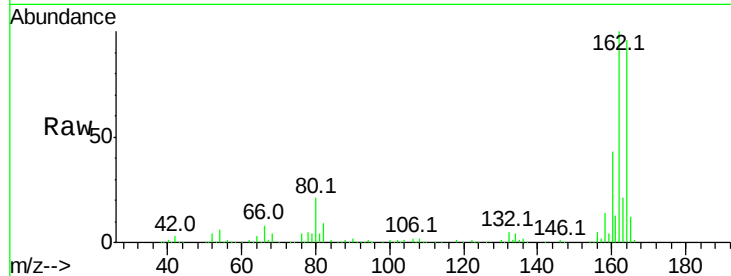




#50
 2,6-Dinitrotoluene
 Concen: 6.955 ng
 RT: 9.75 min Scan# 1302
 Delta R.T. 0.20 min
 Lab File: BF102350.D
 Acq: 23 Jan 2018 19:02

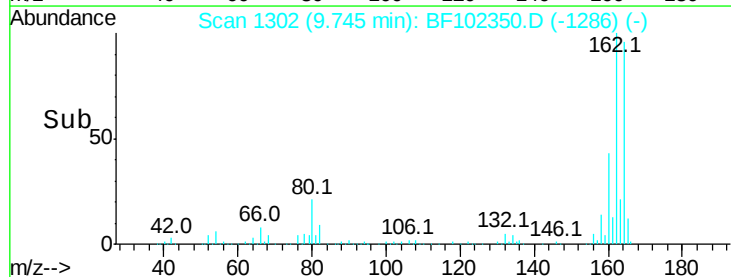
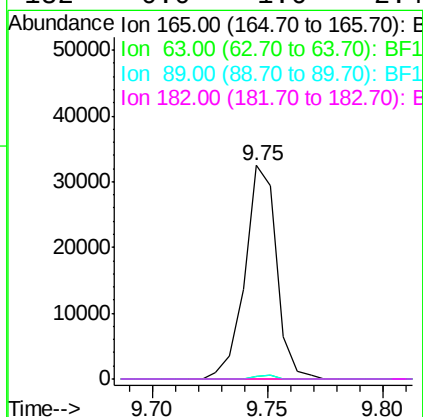
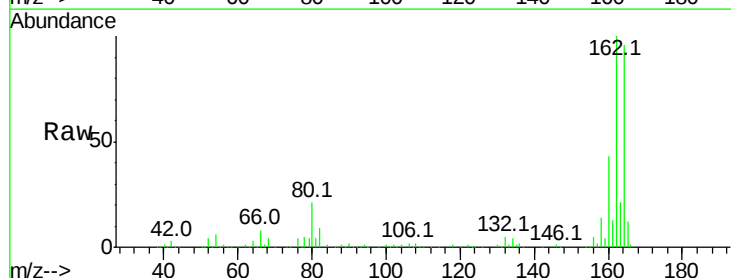
Instrument :
 BNA_F
 ClientSampleId :

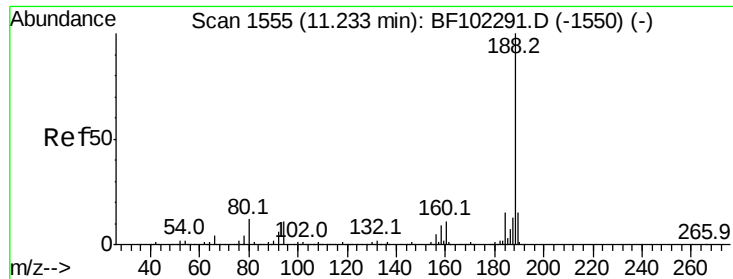
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.3	44.7	67.1#
89	1.4	44.0	66.0#



#56
 2,4-Dinitrotoluene
 Concen: 5.656 ng
 RT: 9.75 min Scan# 1302
 Delta R.T. -0.21 min
 Lab File: BF102350.D
 Acq: 23 Jan 2018 19:02

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	36.4	54.6#
89	1.4	57.8	86.6#
182	0.0	1.6	2.4#

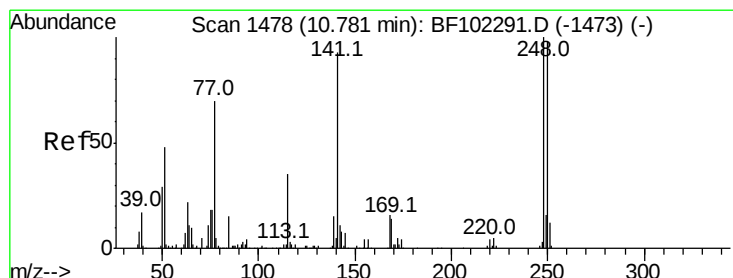
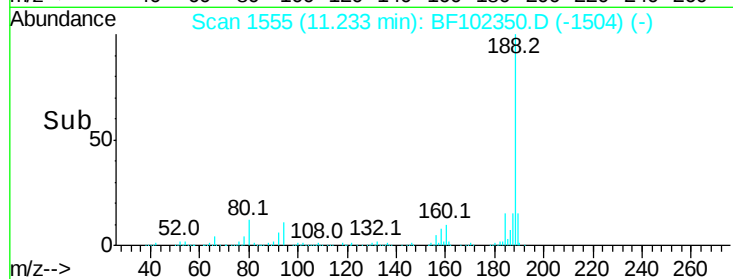
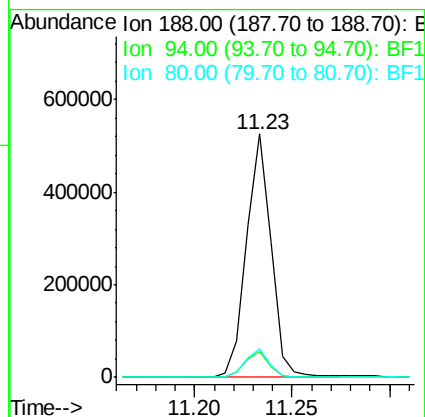
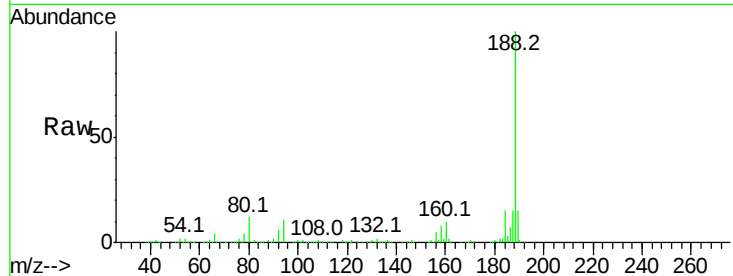




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.00 min
Lab File: BF102350.D
Acq: 23 Jan 2018 19:02

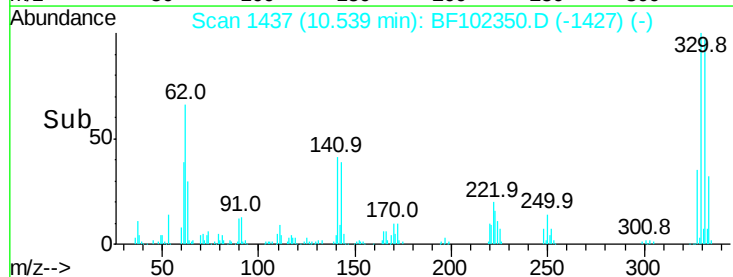
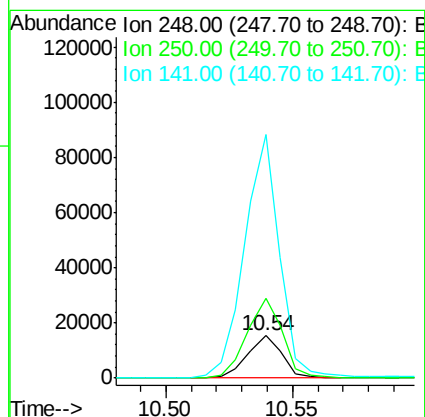
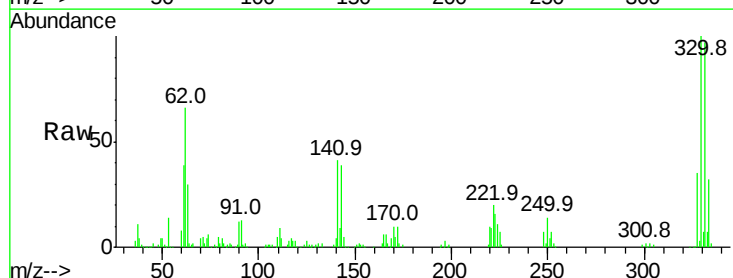
Instrument :
BNA_F
ClientSampleId :

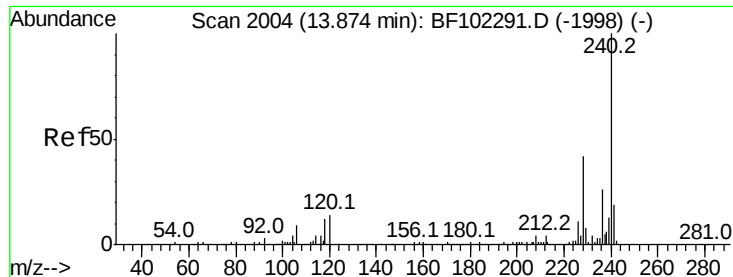
Tot Ion:188 Resp: 461089
Ion Ratio Lower Upper
188 100
94 10.7 8.5 12.7
80 11.8 9.2 13.8



#66
4-Bromophenyl-phenylether
Concen: 2.957 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.24 min
Lab File: BF102350.D
Acq: 23 Jan 2018 19:02

Tgt Ion:248 Resp: 14678
Ion Ratio Lower Upper
248 100
250 188.7 76.9 115.3#
141 572.1 74.4 111.6#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.87 min Scan# 2004

Delta R.T. -0.00 min

Lab File: BF102350.D

Acq: 23 Jan 2018 19:02

Instrument :

BNA_F

ClientSampleId :

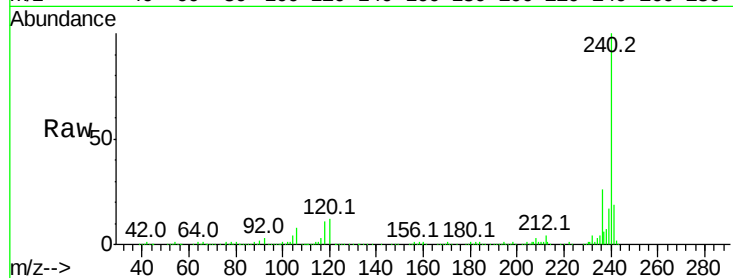
Tot Ion:240 Resp: 434005

Ion Ratio Lower Upper

240 100

120 12.0 9.5 14.3

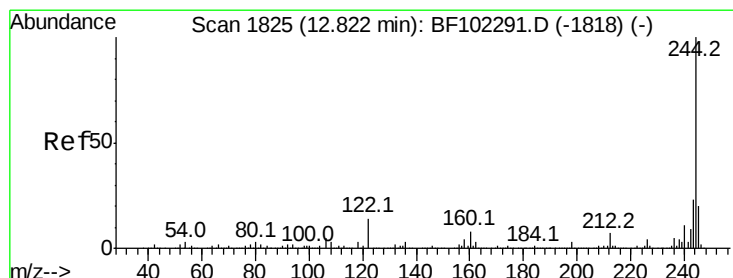
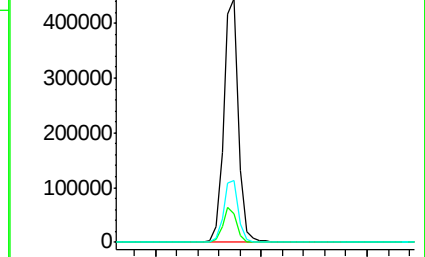
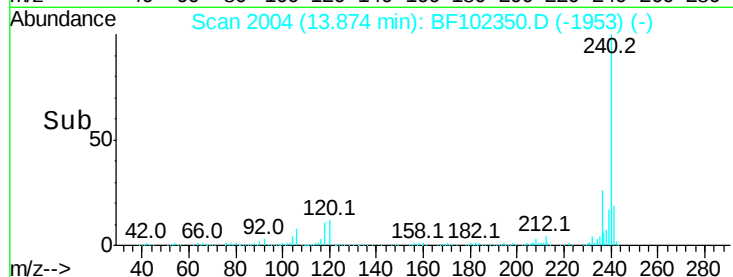
236 25.6 20.7 31.1



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: 60.051 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.00 min

Lab File: BF102350.D

Acq: 23 Jan 2018 19:02

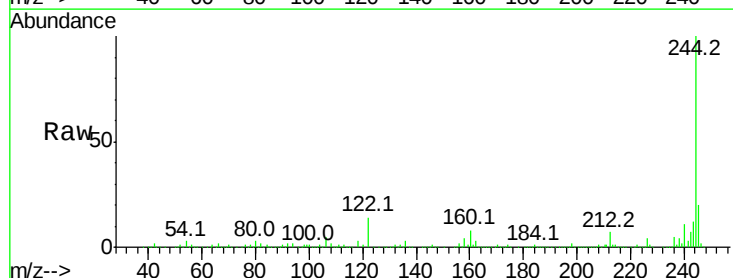
Tgt Ion:244 Resp: 1156084

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

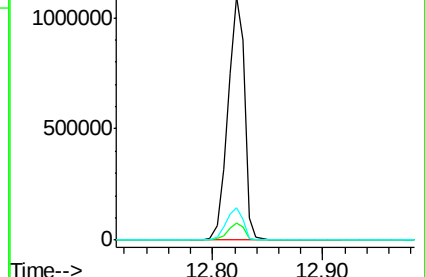
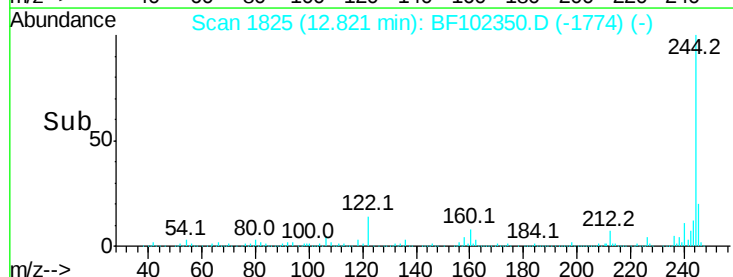
122 13.5 11.0 16.4

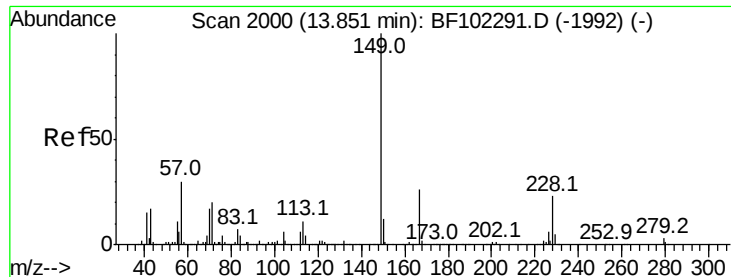


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

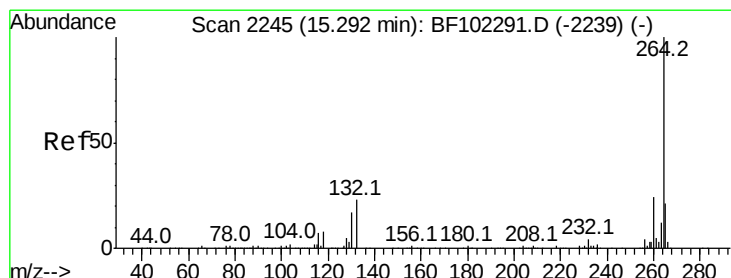
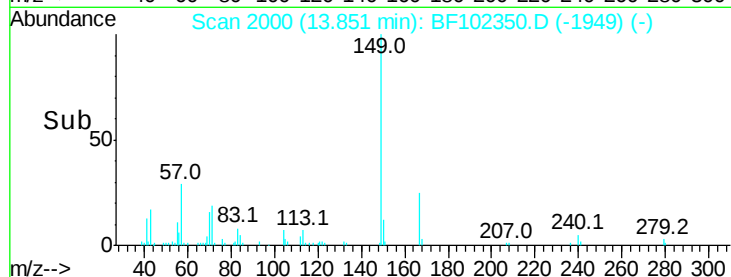
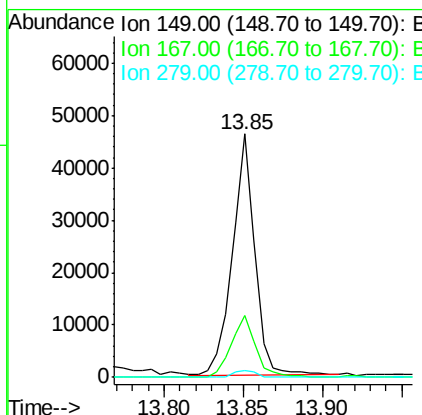
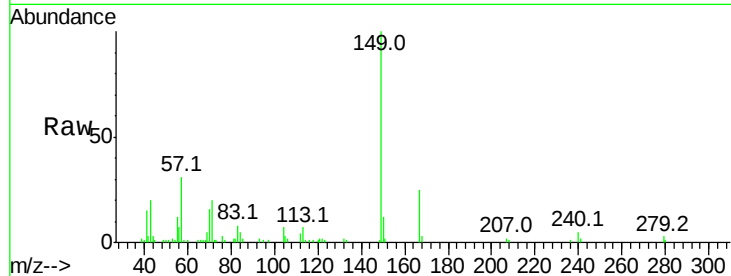




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 2.012 ng
 RT: 13.85 min Scan# 2000
 Delta R.T. -0.00 min
 Lab File: BF102350.D
 Acq: 23 Jan 2018 19:02

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:149 Resp: 45152
 Ion Ratio Lower Upper
 149 100
 167 25.5 21.3 31.9
 279 2.6 3.0 4.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.30 min Scan# 2246
 Delta R.T. 0.01 min
 Lab File: BF102350.D
 Acq: 23 Jan 2018 19:02

Tgt Ion:264 Resp: 355874
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.2 28.8
 265 22.4 17.5 26.3

