

Data Path : U:\HPCHEM1\BNA F\DATA\BF012818\
 Data File : BF102584.D
 Acq On : 29 Jan 2018 5:57
 Operator : SJ/JU
 Sample : J1009-10
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 29 06:28:52 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

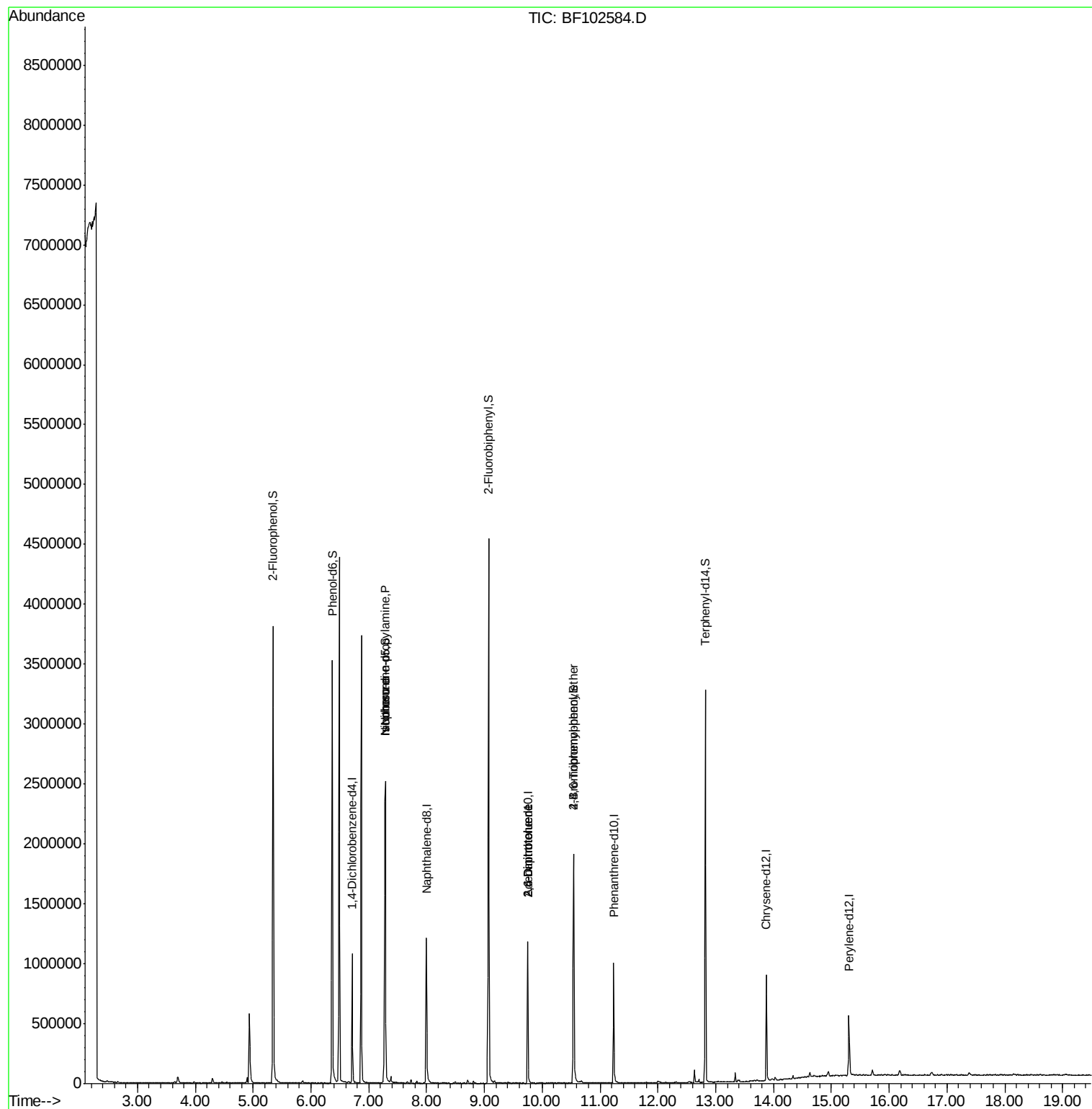
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	171549	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	679577	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	267491	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	382740	20.00	ng	0.00
75) Chrysene-d12	13.87	240	319824	20.00	ng	0.00
86) Perylene-d12	15.30	264	230204	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	1259899	111.36	ng	0.02
7) Phenol-d6	6.37	99	1412977	103.59	ng	0.00
23) Nitrobenzene-d5	7.29	82	987960	83.54	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	248432	93.73	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	1654267	90.93	ng	0.00
78) Terphenyl-d14	12.82	244	1124532	79.27	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.29	70	132639	15.890	ng	# 76
25) Isophorone	7.29	82	970097	46.015	ng	# 64
50) 2,6-Dinitrotoluene	9.75	165	34103	7.154	ng	# 25
56) 2,4-Dinitrotoluene	9.75	165	34103	5.818	ng	# 23
66) 4-Bromophenyl-phenylether	10.55	248	16869	4.094	ng	# 1

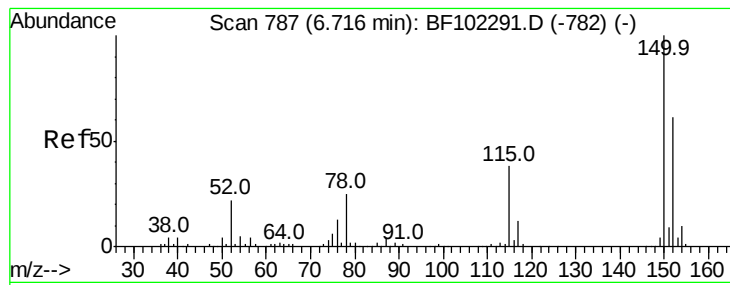
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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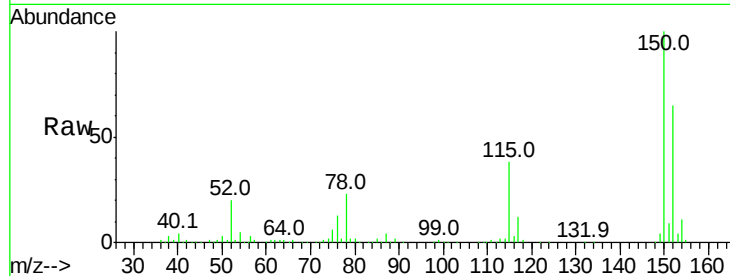


#1

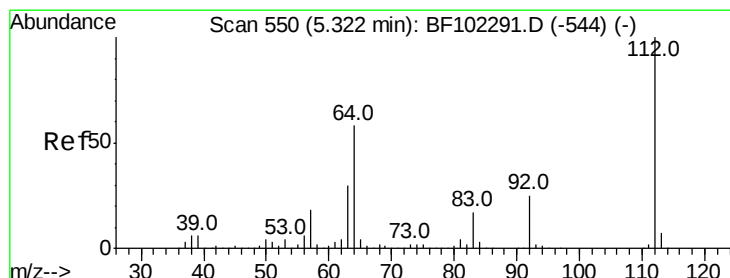
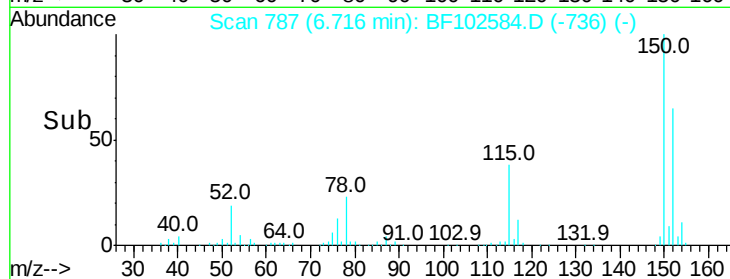
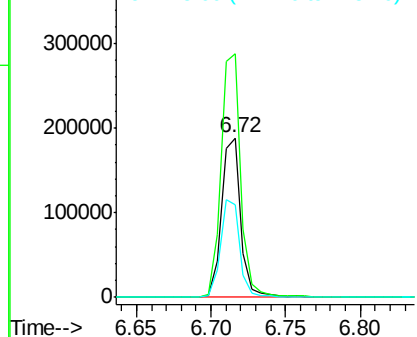
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 787
Delta R.T. -0.00 min
Lab File: BF102584.D
Acq: 29 Jan 2018 5:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 171549
Ion Ratio Lower Upper
152 100
150 153.0 124.6 186.8
115 58.1 50.1 75.1



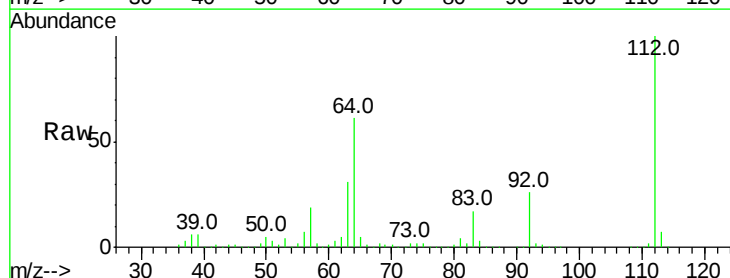
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



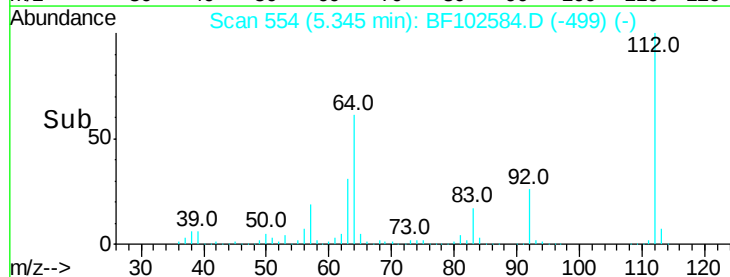
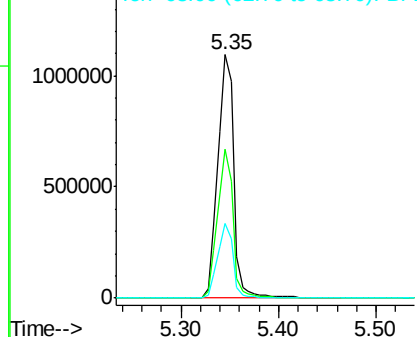
#5

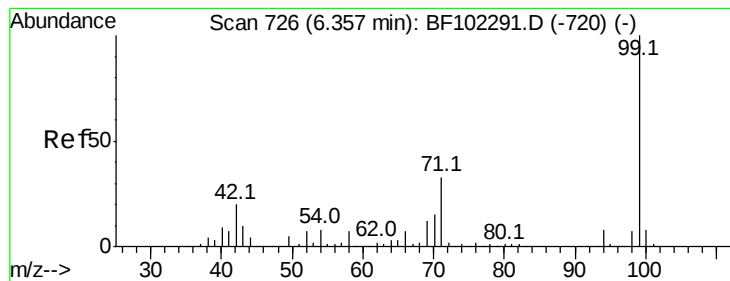
2-Fluorophenol
Concen: 111.358 ng
RT: 5.35 min Scan# 554
Delta R.T. 0.02 min
Lab File: BF102584.D
Acq: 29 Jan 2018 5:57

Tgt Ion:112 Resp: 1259899
Ion Ratio Lower Upper
112 100
64 61.3 47.9 71.9
63 30.8 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: 103.591 ng

RT: 6.37 min Scan# 728

Delta R.T. 0.01 min

Lab File: BF102584.D

Acq: 29 Jan 2018 5:57

Instrument :

BNA_F

ClientSampleId :

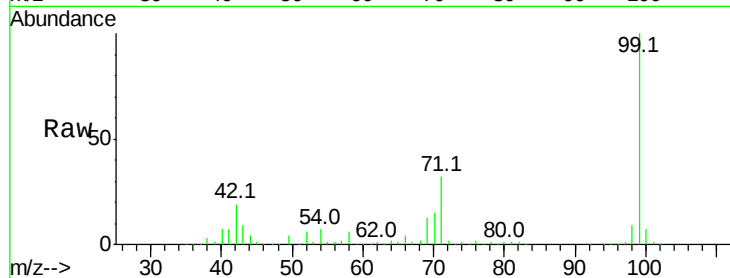
Tot Ion: 99 Resp: 1412977

Ion Ratio Lower Upper

99 100

42 18.6 14.5 21.7

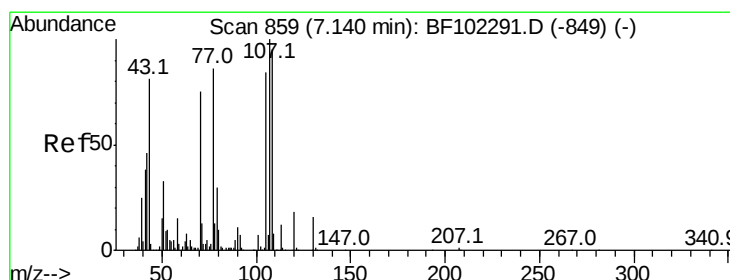
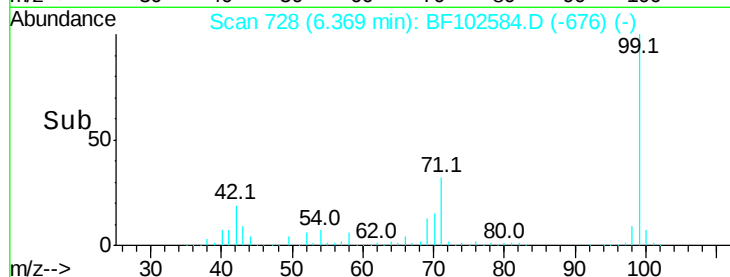
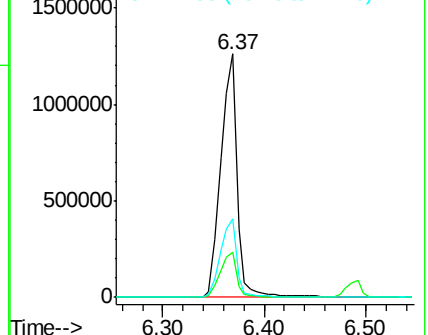
71 32.3 25.4 38.0



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



#19

n-Nitroso-di-n-propylamine

Concen: 15.890 ng

RT: 7.29 min Scan# 884

Delta R.T. 0.15 min

Lab File: BF102584.D

Acq: 29 Jan 2018 5:57

Tgt Ion: 70 Resp: 132639

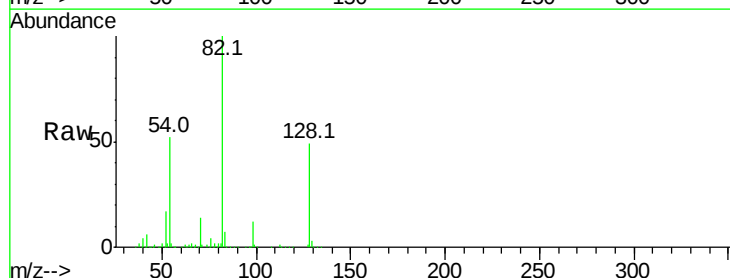
Ion Ratio Lower Upper

70 100

42 46.3 47.5 71.3#

101 0.0 7.4 11.2#

130 2.1 16.6 25.0#

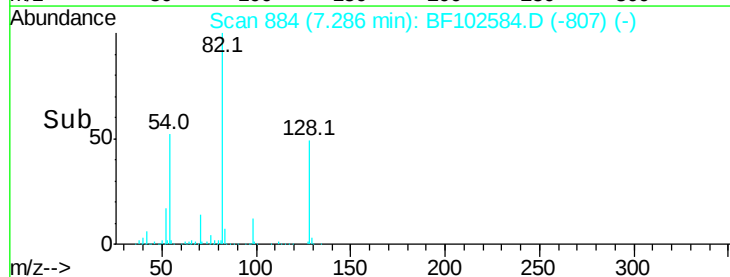
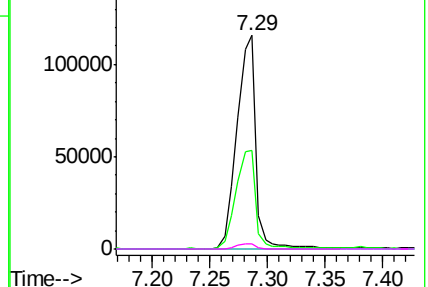


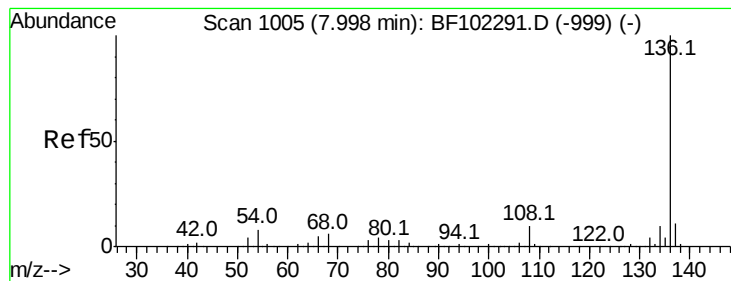
Abundance Ion 70.00 (69.70 to 70.70): BF1

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: BF102584.D

Acq: 29 Jan 2018 5:57

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 679577

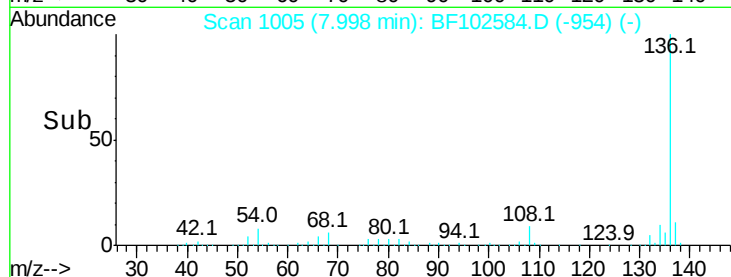
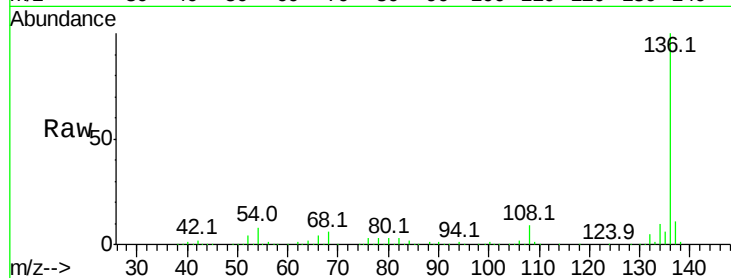
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 7.8 6.6 9.8

68 5.9 5.0 7.4

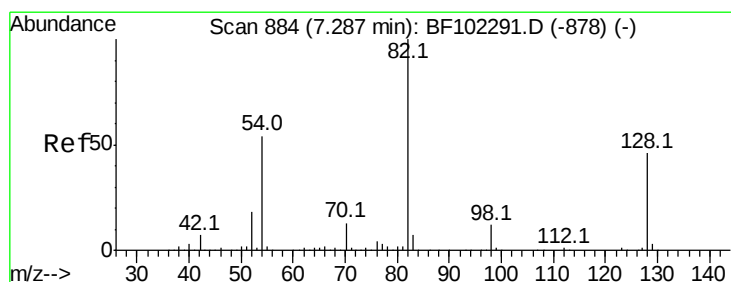
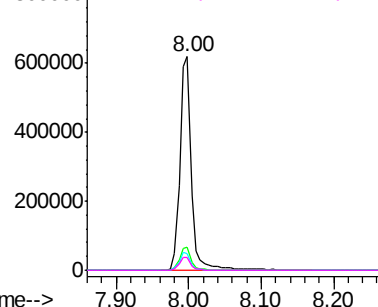


Abundance Ion 136.00 (135.70 to 136.70): E

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: 83.545 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.00 min

Lab File: BF102584.D

Acq: 29 Jan 2018 5:57

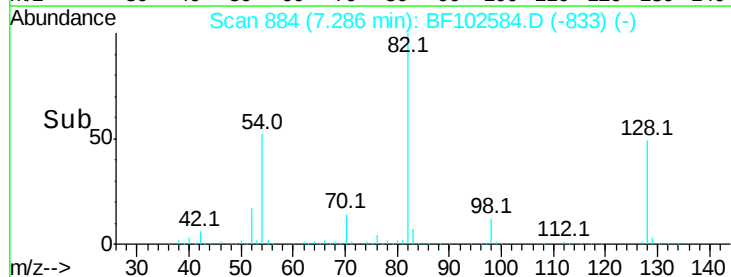
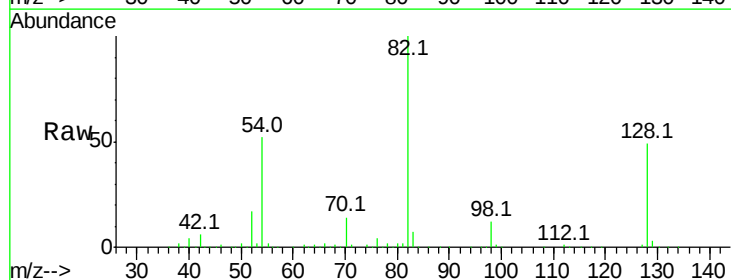
Tgt Ion: 82 Resp: 987960

Ion Ratio Lower Upper

82 100

128 48.9 36.1 54.1

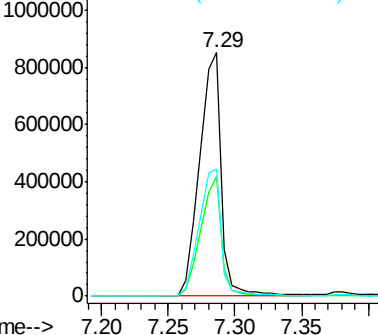
54 52.2 41.4 62.2

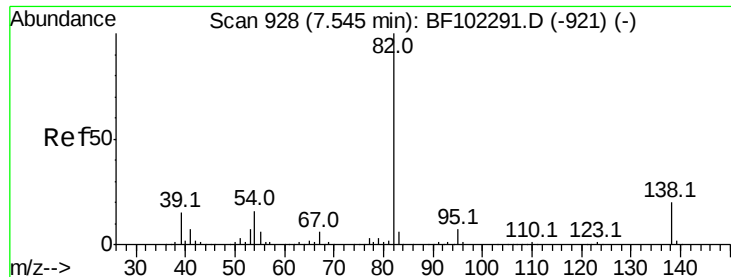


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 46.015 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.26 min

Lab File: BF102584.D

Acq: 29 Jan 2018 5:57

Instrument :

BNA_F

ClientSampleId :

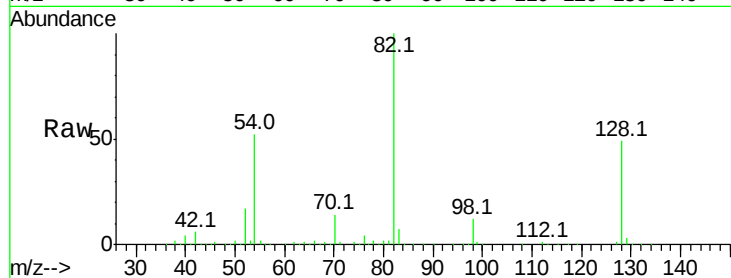
Tot Ion: 82 Resp: 970097

Ion Ratio Lower Upper

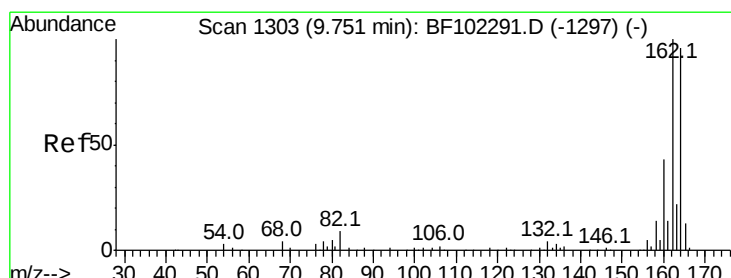
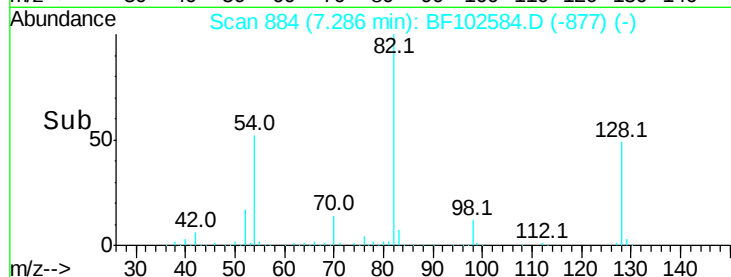
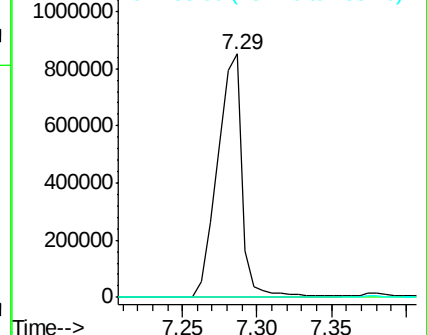
82 100

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: BF102584.D

Acq: 29 Jan 2018 5:57

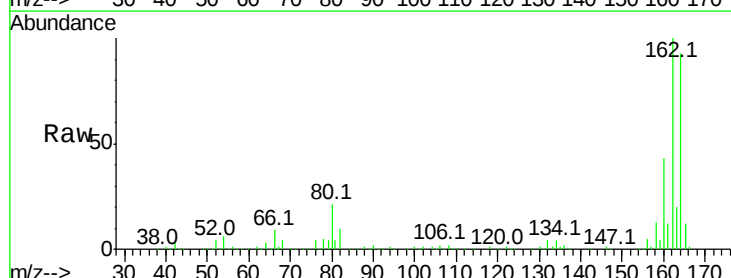
Tgt Ion:164 Resp: 267491

Ion Ratio Lower Upper

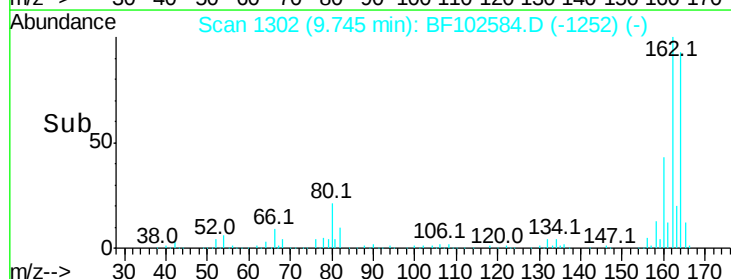
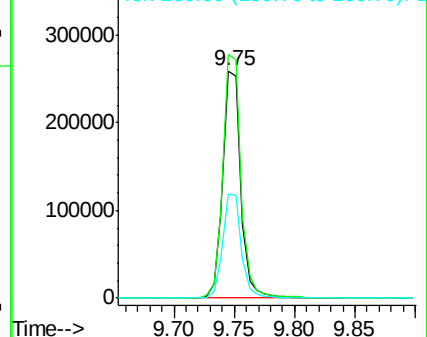
164 100

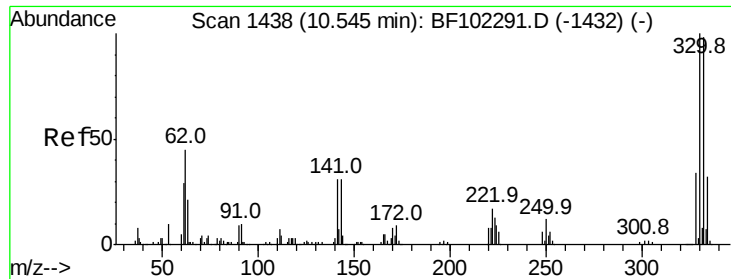
162 107.1 86.1 129.1

160 45.8 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

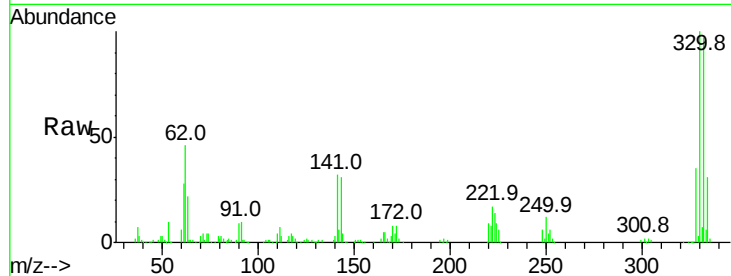




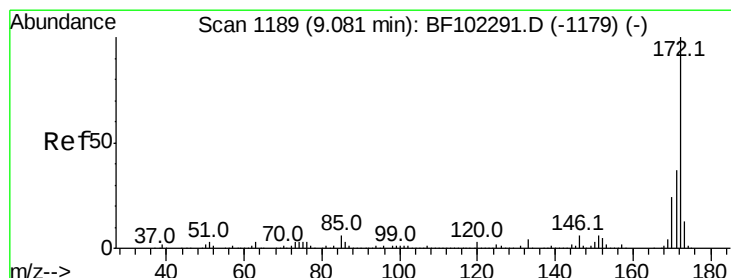
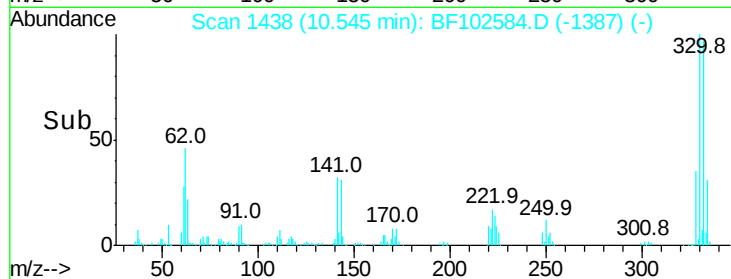
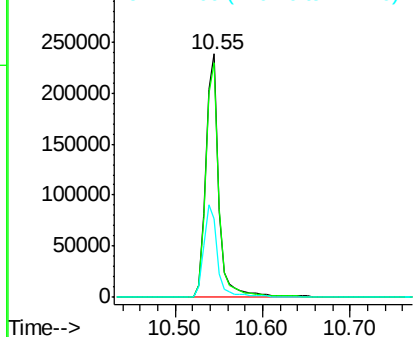
#41
 2,4,6-Tribromophenol
 Concen: 93.732 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.00 min
 Lab File: BF102584.D
 Acq: 29 Jan 2018 5:57

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 248432
 Ion Ratio Lower Upper
 330 100
 332 98.2 77.0 115.6
 141 40.4 29.9 44.9

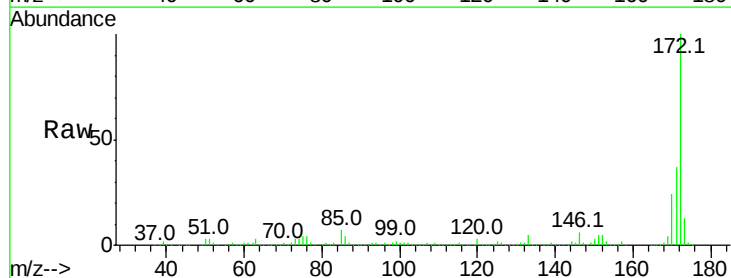


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

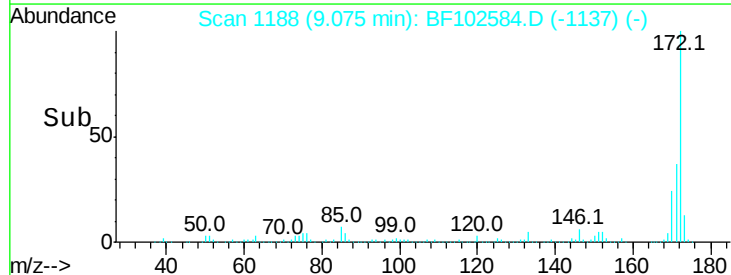
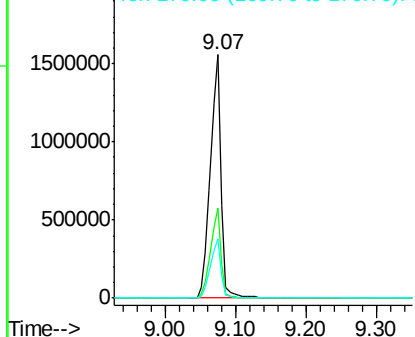


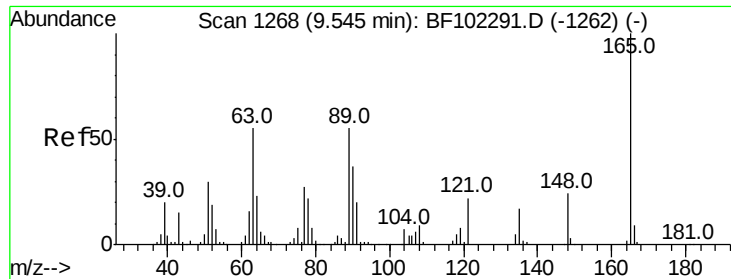
#44
 2-Fluorobiphenyl
 Concen: 90.932 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. -0.00 min
 Lab File: BF102584.D
 Acq: 29 Jan 2018 5:57

Tgt Ion:172 Resp: 1654267
 Ion Ratio Lower Upper
 172 100
 171 37.2 29.7 44.5
 170 24.3 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

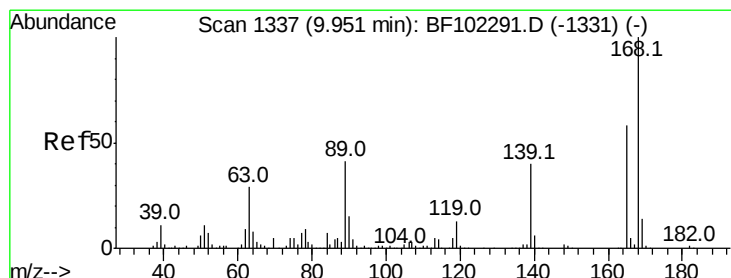
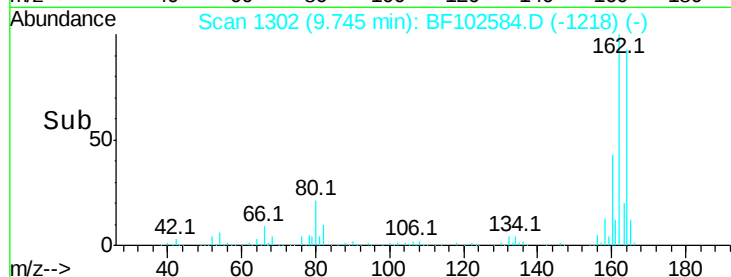
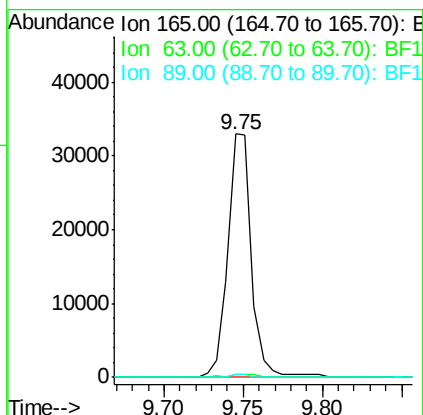
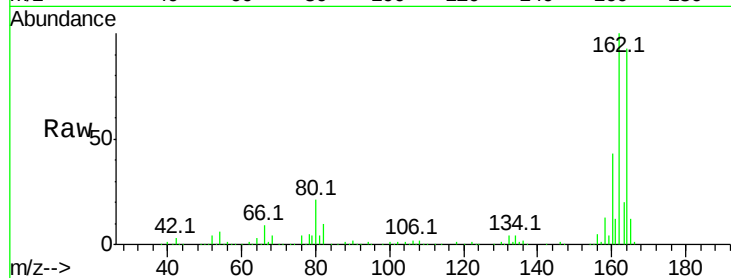




#50
 2,6-Dinitrotoluene
 Concen: 7.154 ng
 RT: 9.75 min Scan# 1302
 Delta R.T. 0.19 min
 Lab File: BF102584.D
 Acq: 29 Jan 2018 5:57

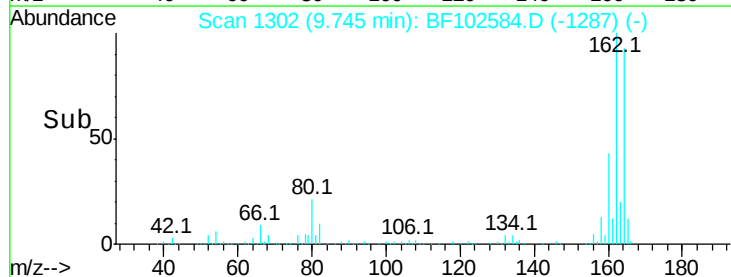
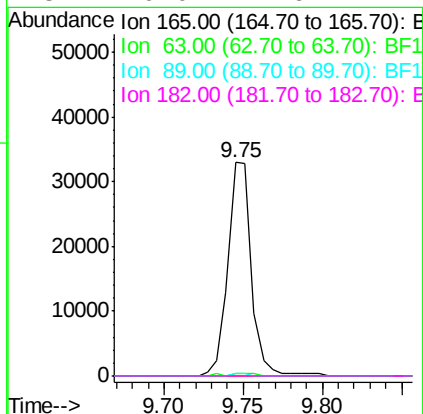
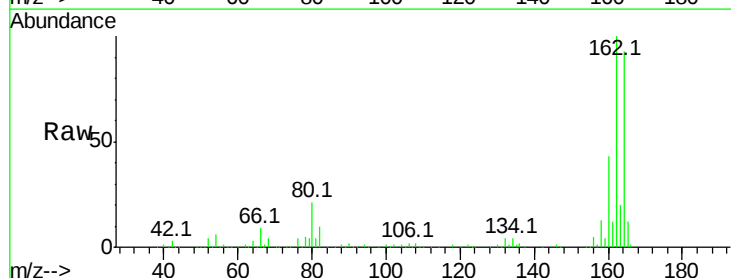
Instrument :
 BNA_F
 ClientSampleId :

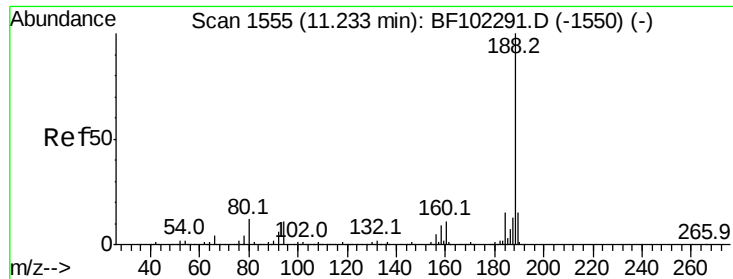
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.2	44.7	67.1#
89	1.2	44.0	66.0#



#56
 2,4-Dinitrotoluene
 Concen: 5.818 ng
 RT: 9.75 min Scan# 1302
 Delta R.T. -0.21 min
 Lab File: BF102584.D
 Acq: 29 Jan 2018 5:57

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.2	36.4	54.6#
89	1.2	57.8	86.6#
182	0.0	1.6	2.4#

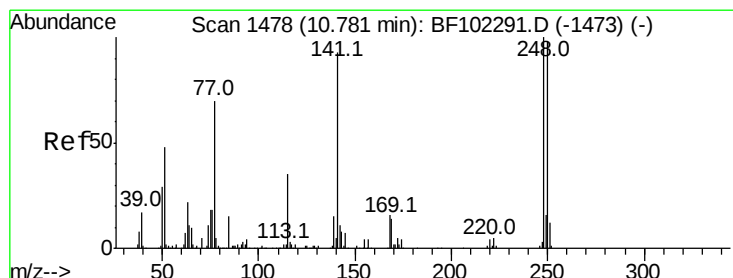
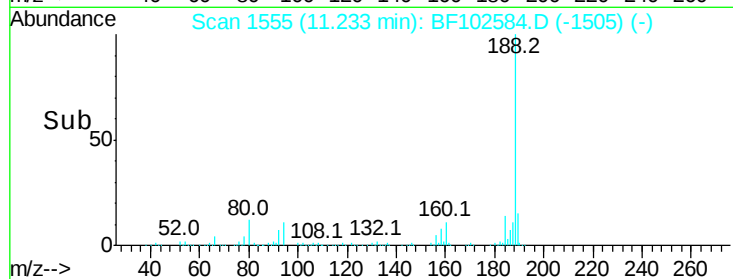
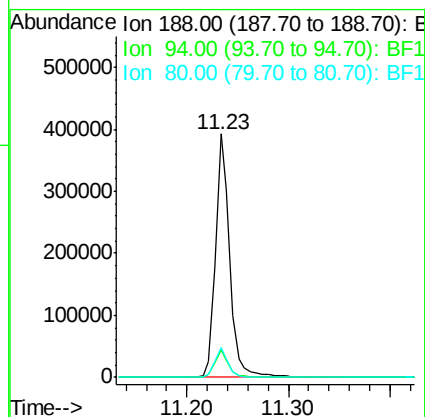
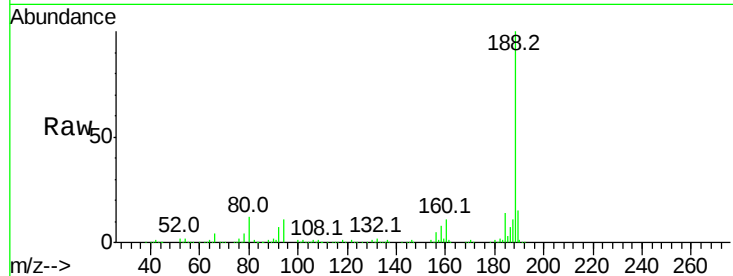




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF102584.D
Acq: 29 Jan 2018 5:57

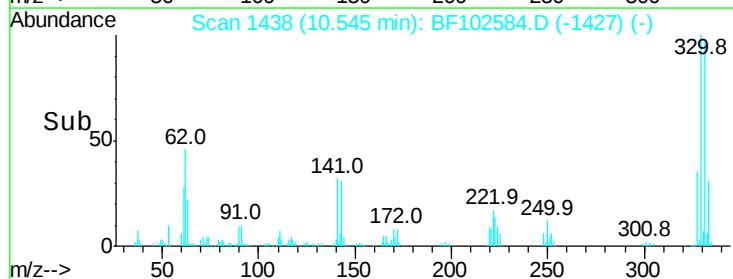
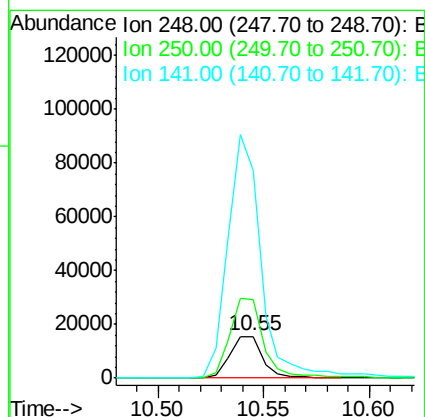
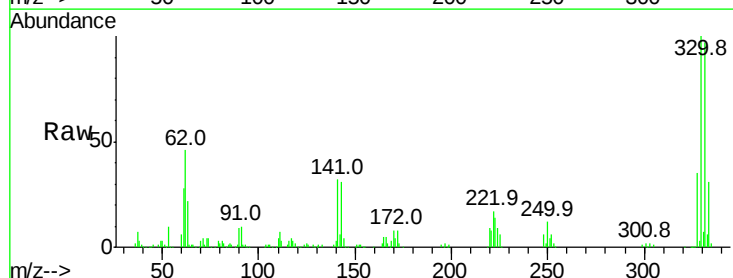
Instrument :
BNA_F
ClientSampled :

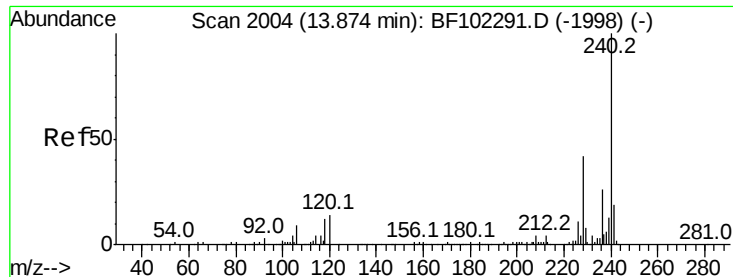
Tot Ion:188 Resp: 382740
Ion Ratio Lower Upper
188 100
94 11.1 8.5 12.7
80 12.2 9.2 13.8



#66
4-Bromophenyl-phenylether
Concen: 4.094 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.24 min
Lab File: BF102584.D
Acq: 29 Jan 2018 5:57

Tgt Ion:248 Resp: 16869
Ion Ratio Lower Upper
248 100
250 190.4 76.9 115.3#
141 500.4 74.4 111.6#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.87 min Scan# 2004

Delta R.T. -0.01 min

Lab File: BF102584.D

Acq: 29 Jan 2018 5:57

Instrument :

BNA_F

ClientSampleId :

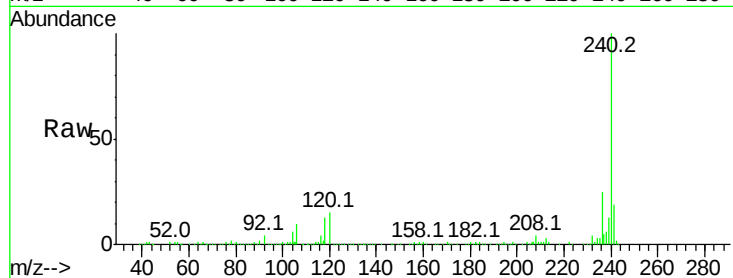
Tot Ion:240 Resp: 319824

Ion Ratio Lower Upper

240 100

120 14.9 9.5 14.3#

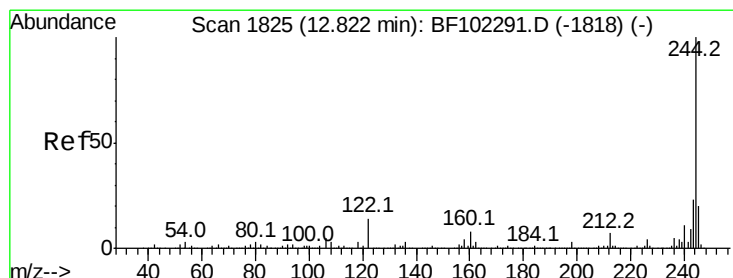
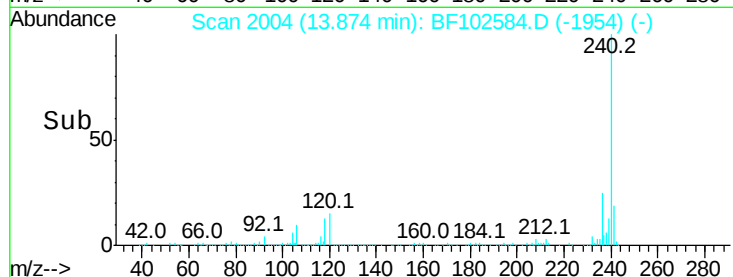
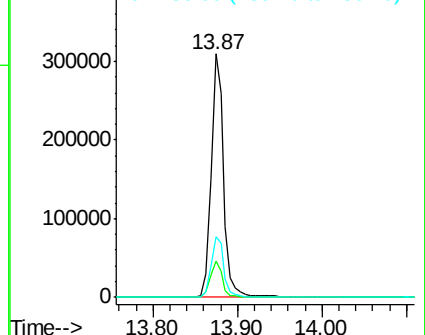
236 24.7 20.7 31.1



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: 79.265 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.00 min

Lab File: BF102584.D

Acq: 29 Jan 2018 5:57

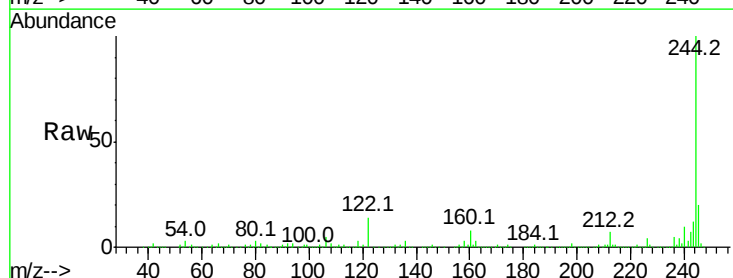
Tgt Ion:244 Resp: 1124532

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

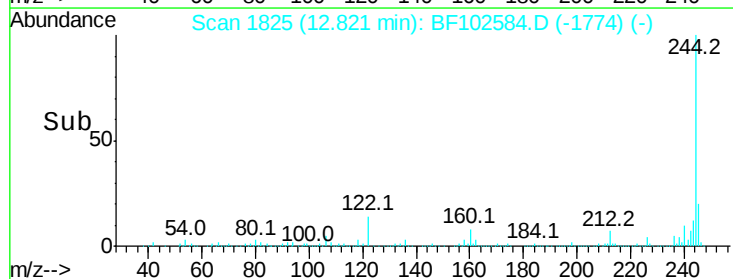
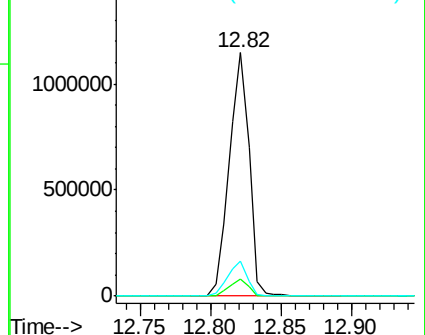
122 14.2 11.0 16.4

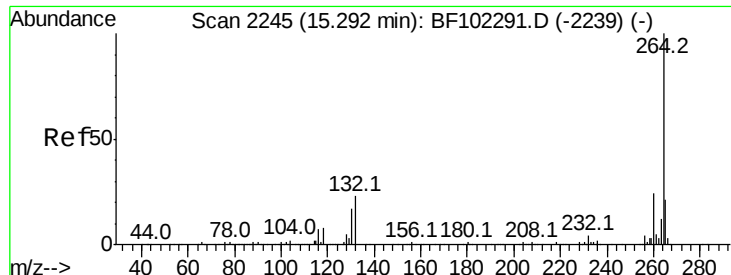


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

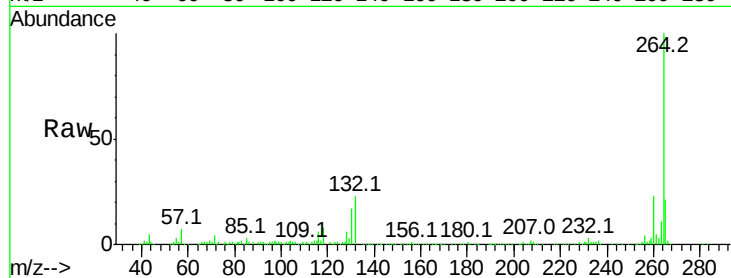




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.30 min Scan# 2247
 Delta R.T. -0.00 min
 Lab File: BF102584.D
 Acq: 29 Jan 2018 5:57

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.2	28.8
265	20.7	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

