

Data Path : Z:\HPCHEM1\BNA F\DATA\BF083117\
 Data File : BF098206.D
 Acq On : 31 Aug 2017 20:40
 Operator : SJ/JU
 Sample : I4963-18
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 01 01:53:01 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 21 15:59:04 2017
 Response via : Initial Calibration

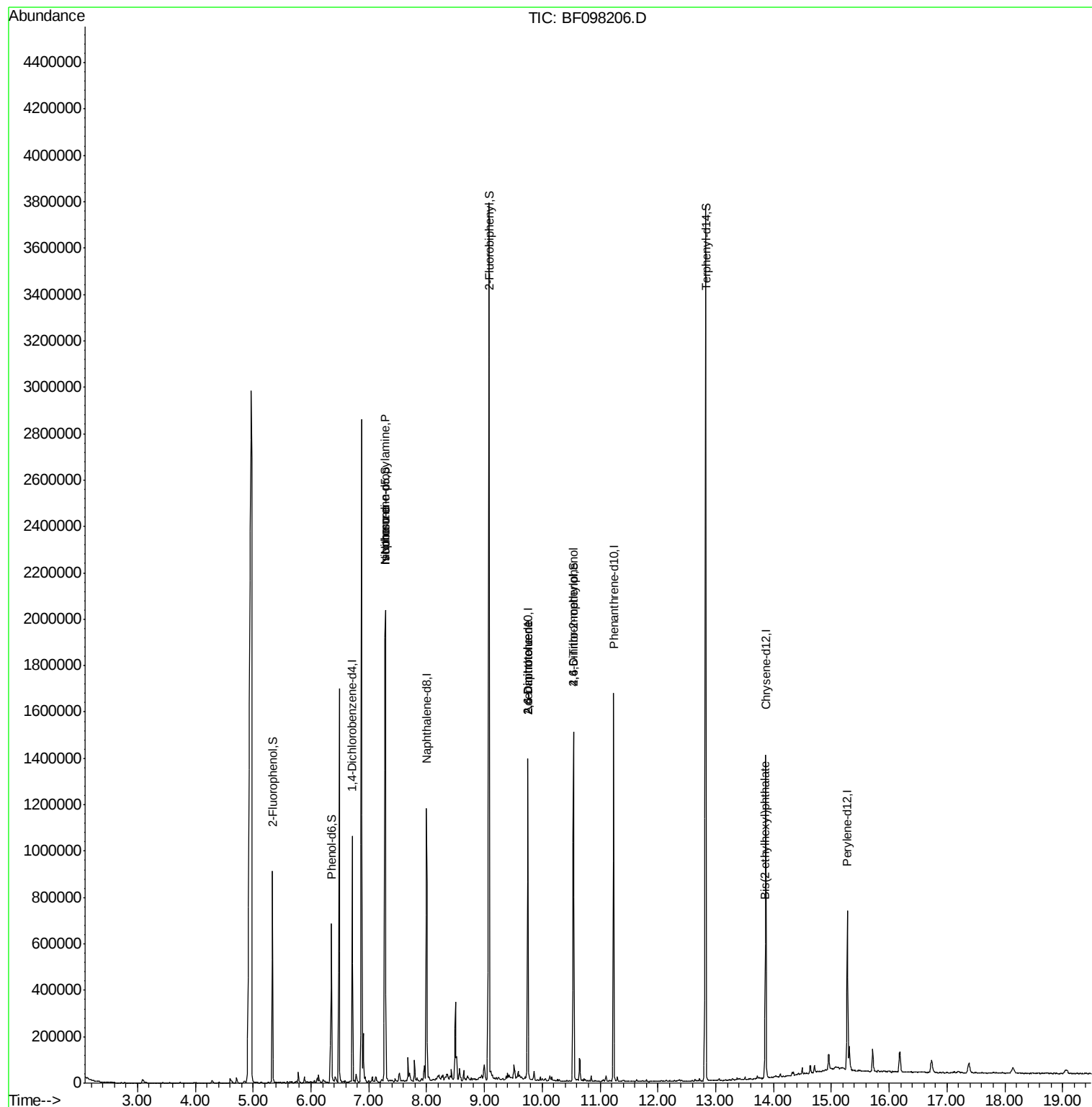
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	137516	20.00	ng	-0.04
21) Naphthalene-d8	8.00	136	566952	20.00	ng	-0.04
38) Acenaphthene-d10	9.75	164	278582	20.00	ng	-0.04
63) Phenanthrene-d10	11.23	188	581010	20.00	ng	-0.03
75) Chrysene-d12	13.87	240	457919	20.00	ng	-0.03
86) Perylene-d12	15.28	264	296462	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	228101	25.23	ng	-0.02
7) Phenol-d6	6.35	99	215768	17.57	ng	-0.04
23) Nitrobenzene-d5	7.29	82	906032	86.81	ng	-0.04
41) 2,4,6-Tribromophenol	10.54	330	167817	69.43	ng	-0.04
44) 2-Fluorobiphenyl	9.08	172	1418734	74.82	ng	-0.03
78) Terphenyl-d14	12.83	244	1495290	68.09	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.29	70	120836	14.370	ng	# 70
25) Isophorone	7.29	82	863800	39.805	ng	# 67
50) 2,6-Dinitrotoluene	9.75	165	34938	8.595	ng	# 34
56) 2,4-Dinitrotoluene	9.75	165	34938	6.849	ng	# 33
64) 4,6-Dinitro-2-methylphenol	10.54	198	155	8.368	ng	# 1
83) Bis(2-ethylhexyl)phthalate	13.85	149	44108	2.772	ng	98

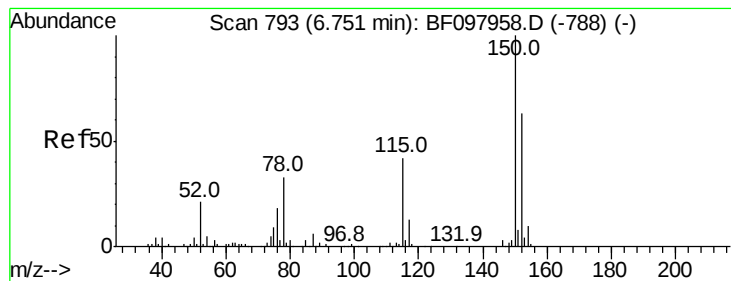
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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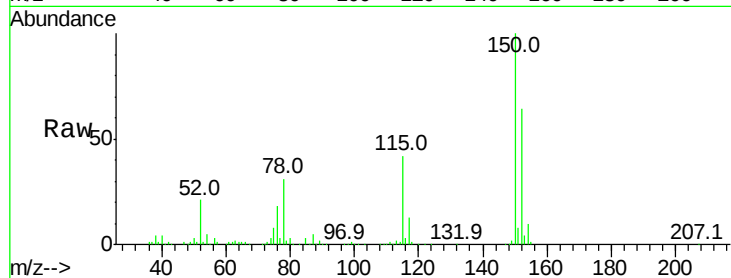


#1

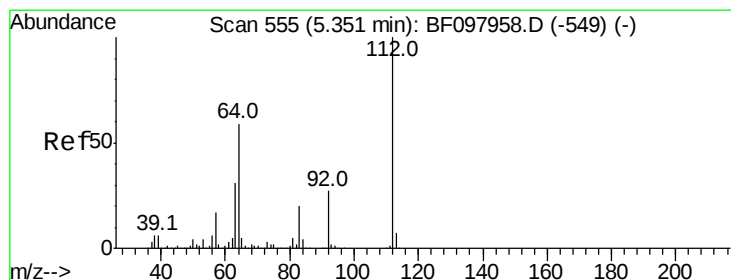
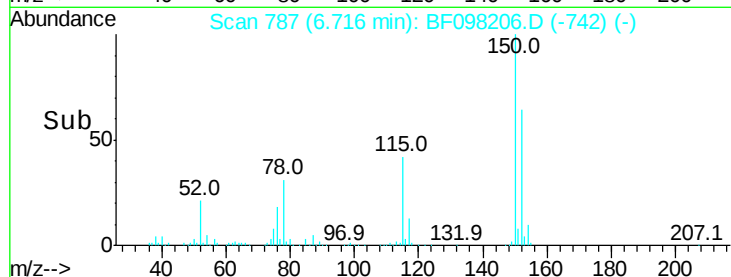
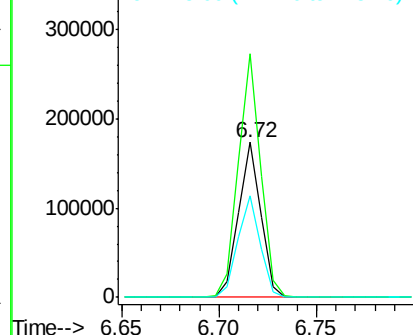
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 787
Delta R.T. -0.04 min
Lab File: BF098206.D
Acq: 31 Aug 2017 20:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 137516
Ion Ratio Lower Upper
152 100
150 157.0 126.2 189.2
115 65.2 52.2 78.2



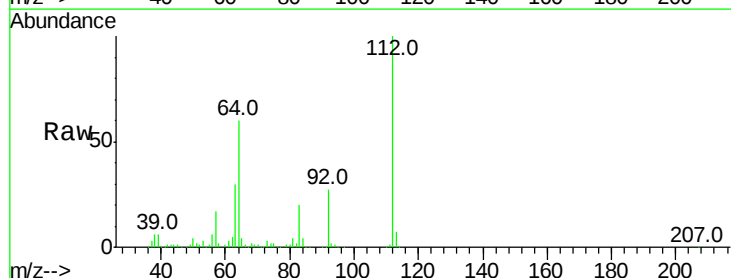
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



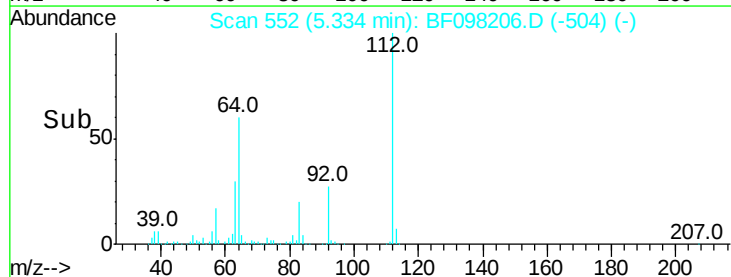
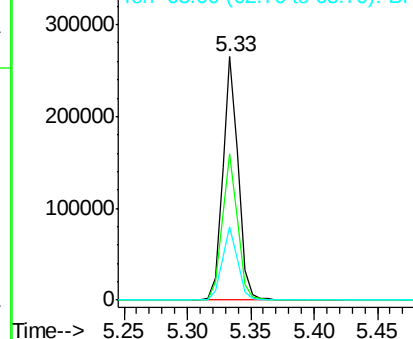
#5

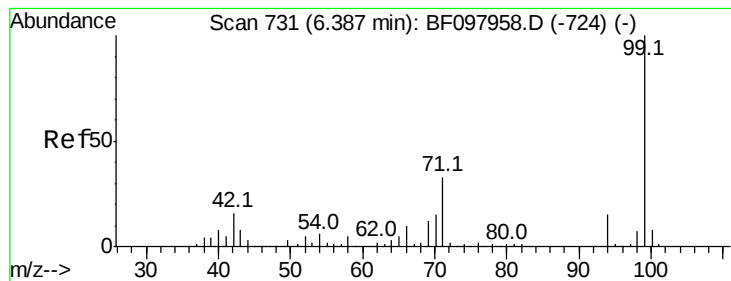
2-Fluorophenol
Concen: 25.230 ng
RT: 5.33 min Scan# 552
Delta R.T. -0.02 min
Lab File: BF098206.D
Acq: 31 Aug 2017 20:40

Tgt Ion:112 Resp: 228101
Ion Ratio Lower Upper
112 100
64 60.2 46.0 69.0
63 30.3 23.4 35.0



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 17.565 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.04 min

Lab File: BF098206.D

Acq: 31 Aug 2017 20:40

Instrument :

BNA_F

ClientSampleId :

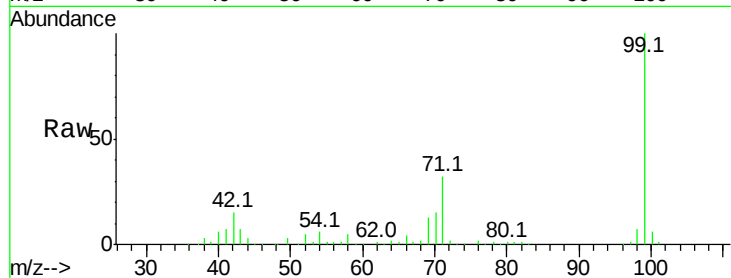
Tot Ion: 99 Resp: 215768

Ion Ratio Lower Upper

99 100

42 15.3 13.5 20.3

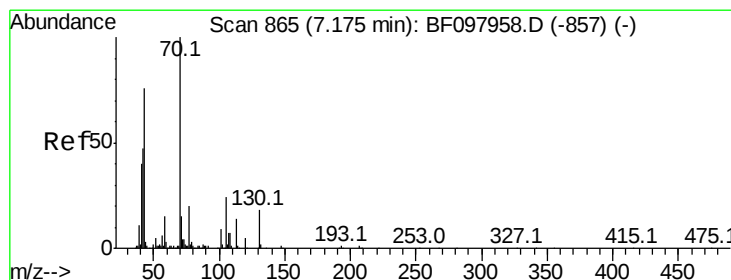
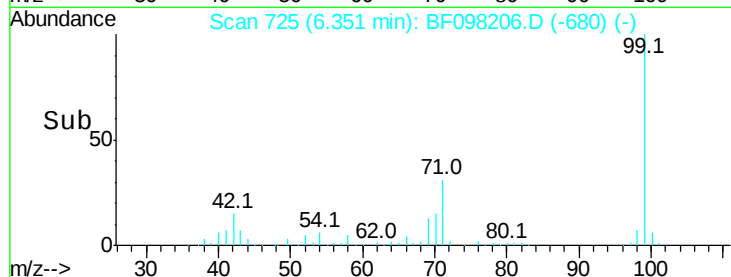
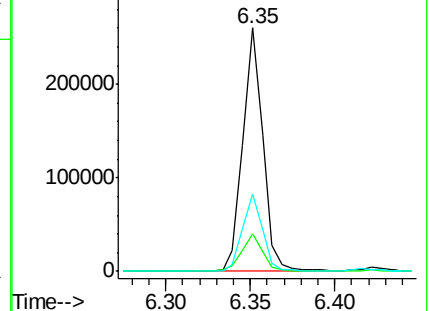
71 31.6 24.5 36.7



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#19

n-Nitroso-di-n-propylamine

Concen: 14.370 ng

RT: 7.29 min Scan# 884

Delta R.T. 0.11 min

Lab File: BF098206.D

Acq: 31 Aug 2017 20:40

Tgt Ion: 70 Resp: 120836

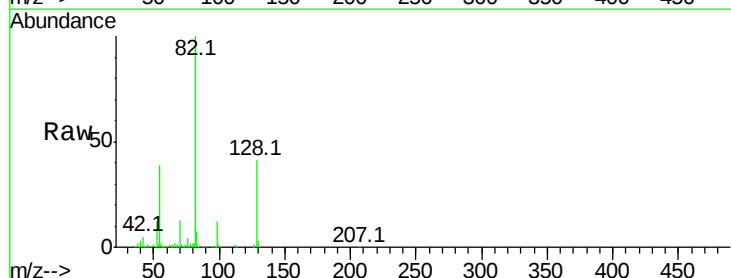
Ion Ratio Lower Upper

70 100

42 37.9 47.2 70.8#

101 0.0 7.2 10.8#

130 1.6 15.9 23.9#

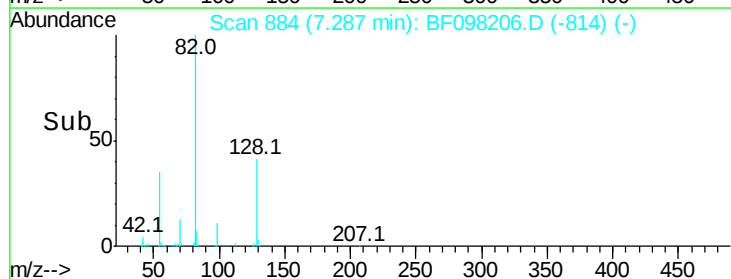
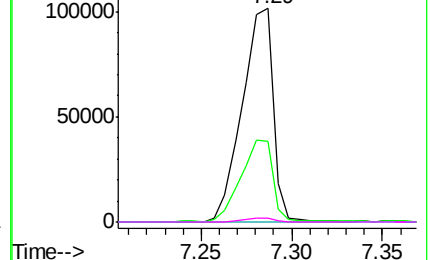


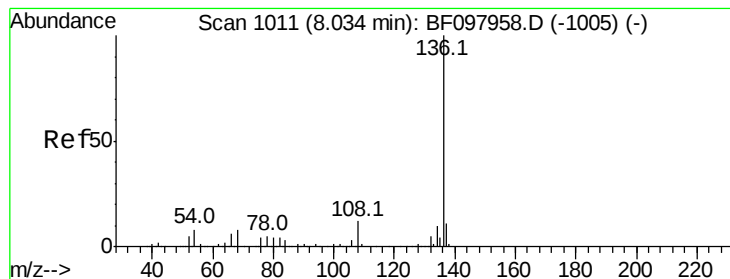
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.00 min Scan# 1005

Delta R.T. -0.04 min

Lab File: BF098206.D

Acq: 31 Aug 2017 20:40

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 566952

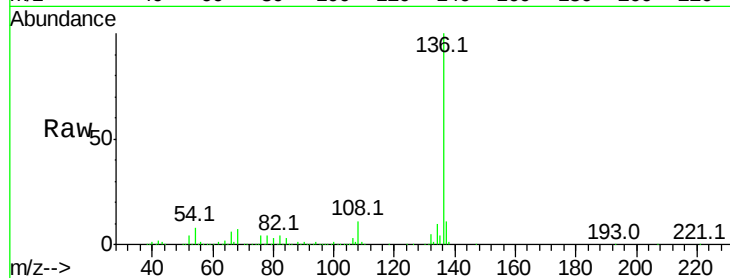
Ion Ratio Lower Upper

136 100

137 11.2 8.5 12.7

54 7.9 4.9 7.3#

68 7.5 4.1 6.1#

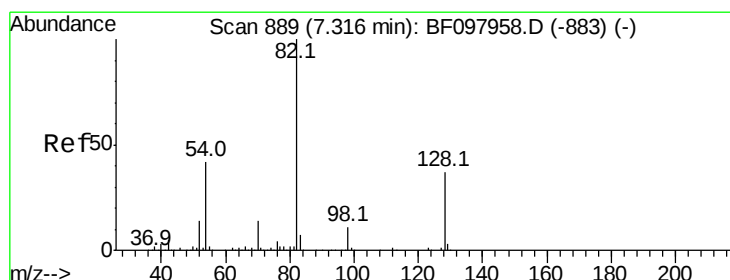
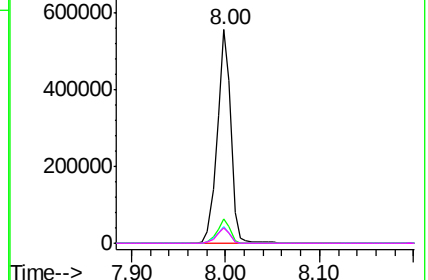
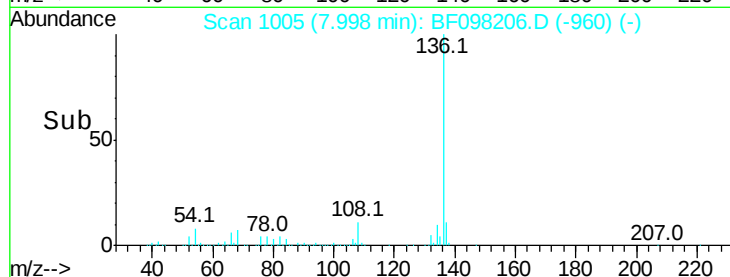


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#23

Nitrobenzene-d5

Concen: 86.815 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.04 min

Lab File: BF098206.D

Acq: 31 Aug 2017 20:40

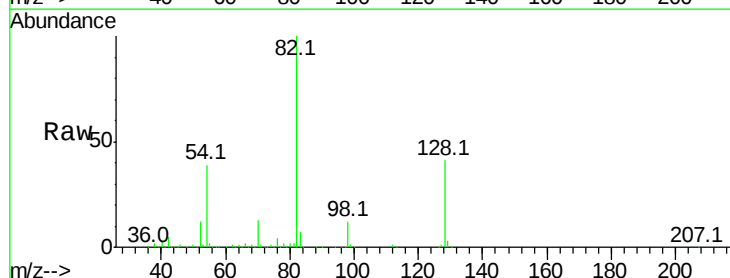
Tgt Ion: 82 Resp: 906032

Ion Ratio Lower Upper

82 100

128 40.6 34.0 51.0

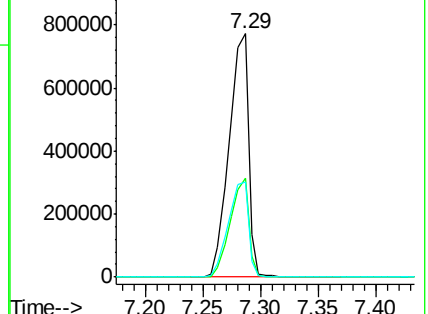
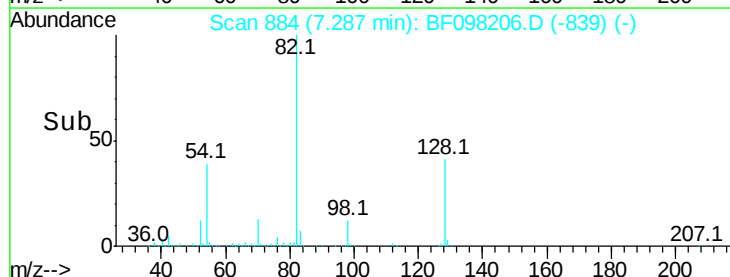
54 39.2 42.2 63.2#

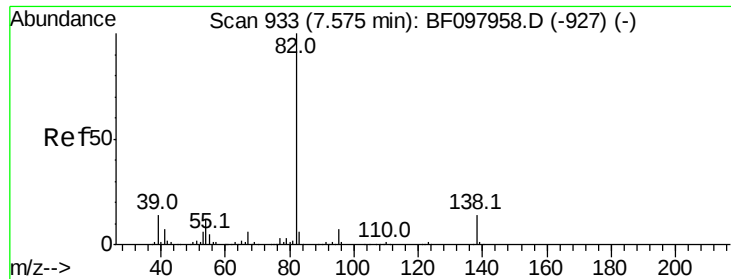


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

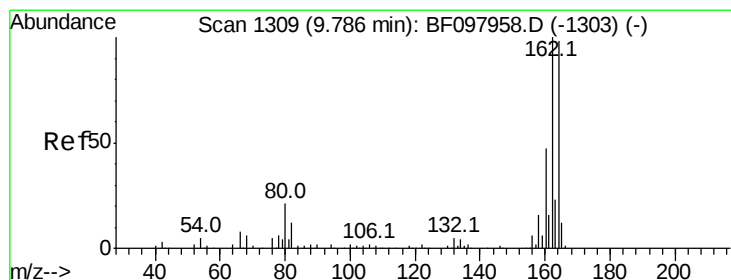
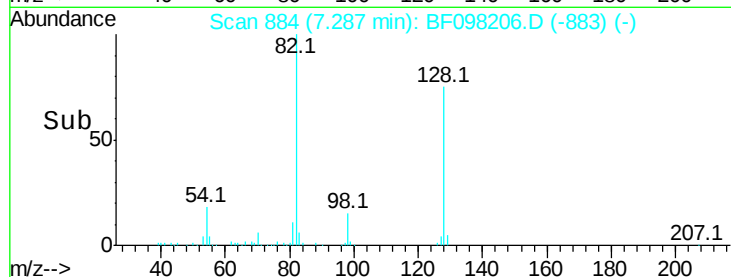
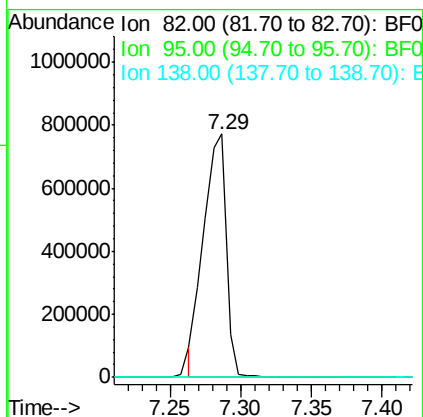
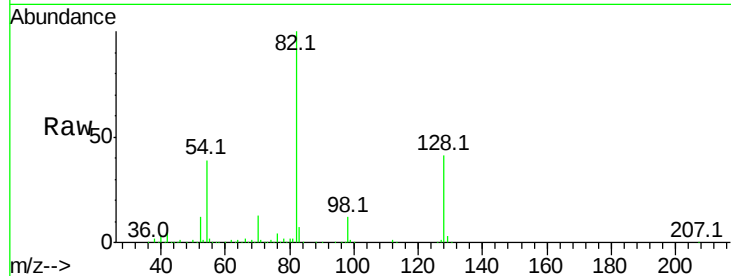




#25
Isophorone
Concen: 39.805 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.29 min
Lab File: BF098206.D
Acq: 31 Aug 2017 20:40

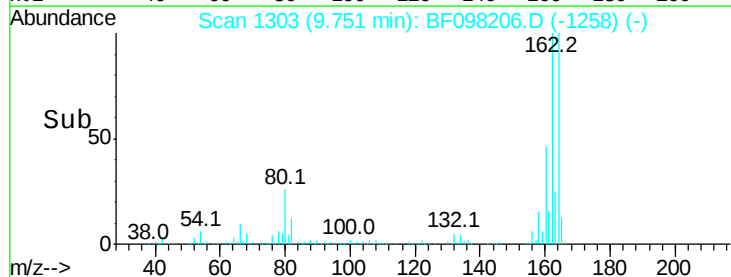
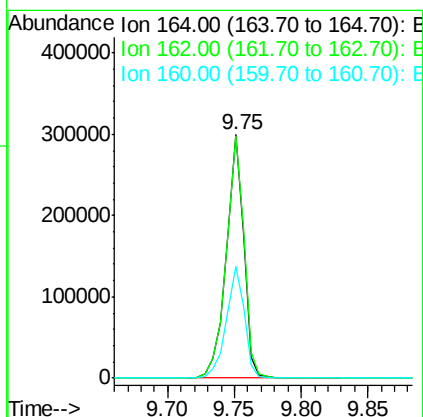
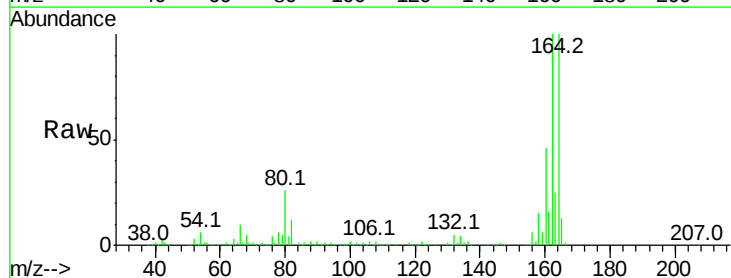
Instrument :
BNA_F
ClientSampled :

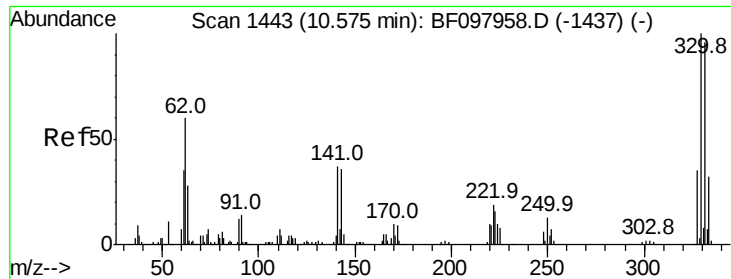
Tot Ion: 82 Resp: 863800
Ion Ratio Lower Upper
82 100
95 0.0 5.3 7.9#
138 0.0 13.1 19.7#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.75 min Scan# 1303
Delta R.T. -0.04 min
Lab File: BF098206.D
Acq: 31 Aug 2017 20:40

Tgt Ion: 164 Resp: 278582
Ion Ratio Lower Upper
164 100
162 99.6 82.6 123.8
160 45.7 36.2 54.2

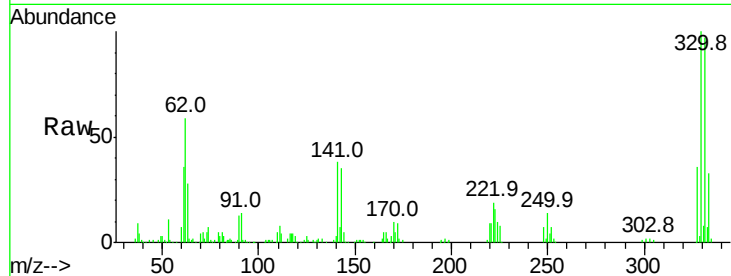




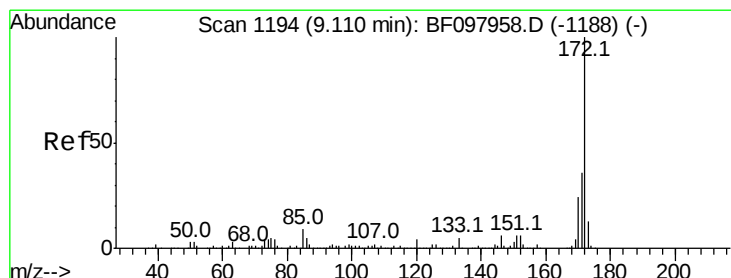
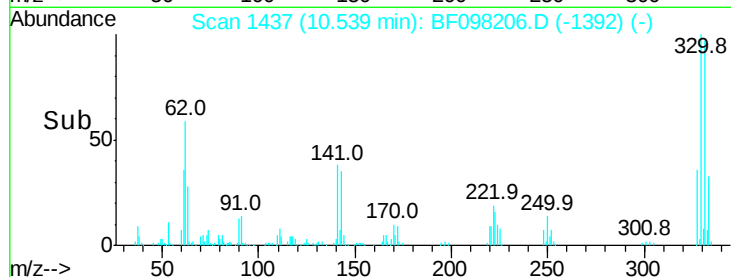
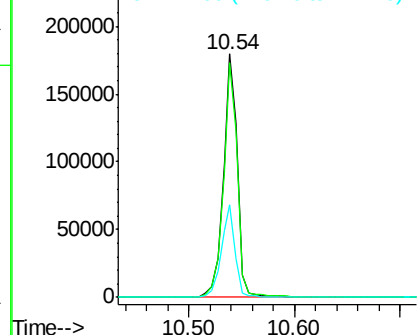
#41
 2,4,6-Tribromophenol
 Concen: 69.428 ng
 RT: 10.54 min Scan# 1437
 Delta R.T. -0.04 min
 Lab File: BF098206.D
 Acq: 31 Aug 2017 20:40

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	76.6	115.0
141	38.1	31.4	47.2

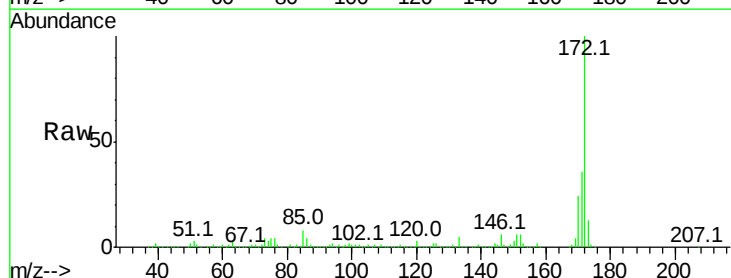


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

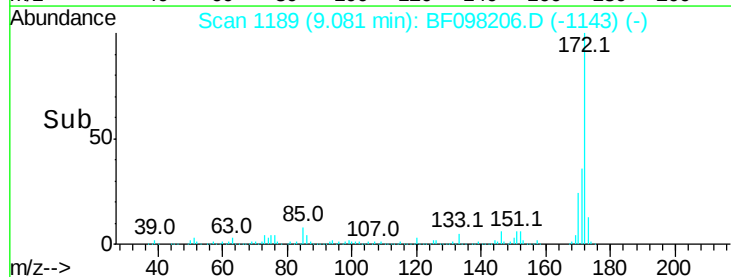
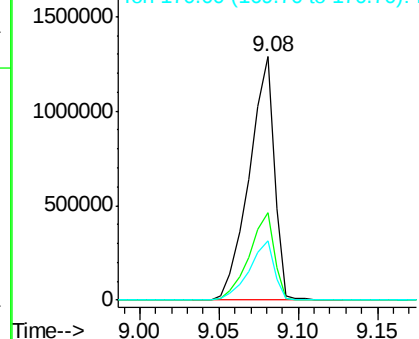


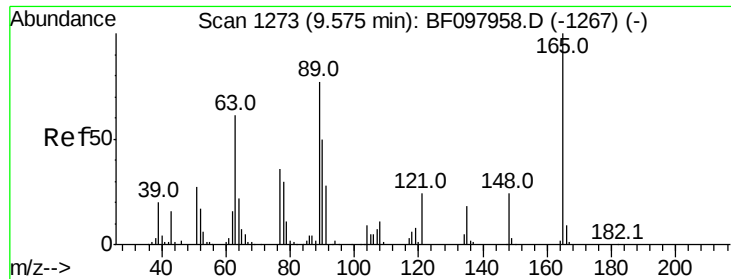
#44
 2-Fluorobiphenyl
 Concen: 74.822 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.03 min
 Lab File: BF098206.D
 Acq: 31 Aug 2017 20:40

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.6	44.4
170	24.2	19.8	29.8



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

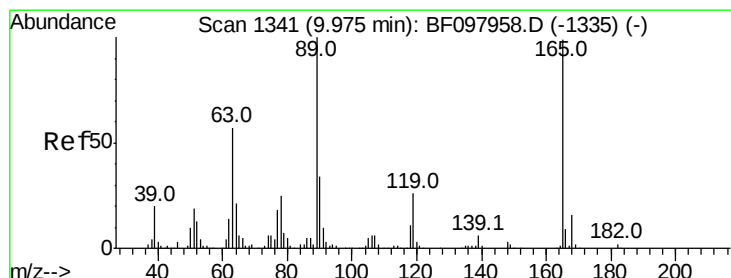
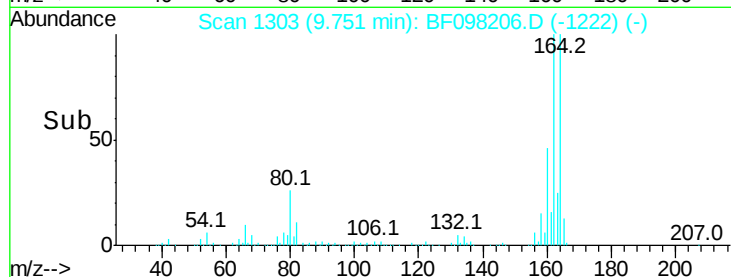
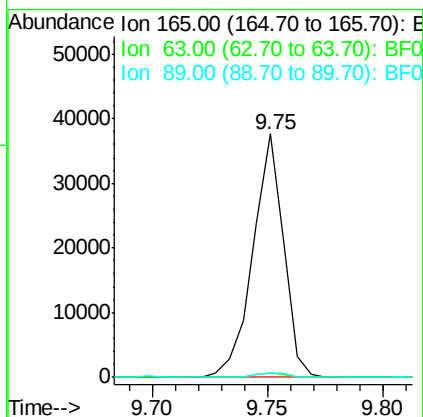
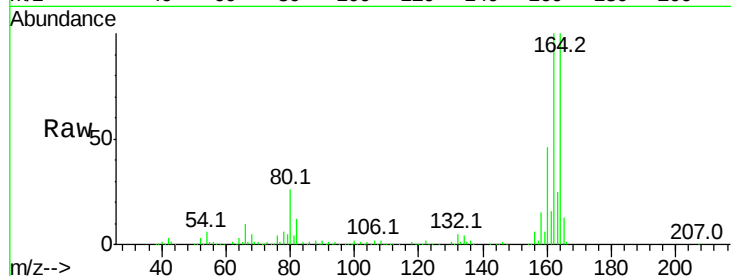




#50
 2,6-Dinitrotoluene
 Concen: 8.595 ng
 RT: 9.75 min Scan# 1303
 Delta R.T. 0.18 min
 Lab File: BF098206.D
 Acq: 31 Aug 2017 20:40

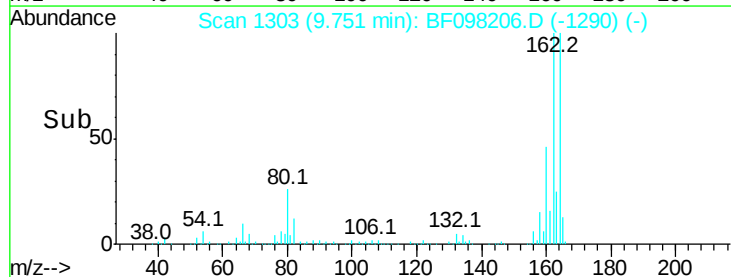
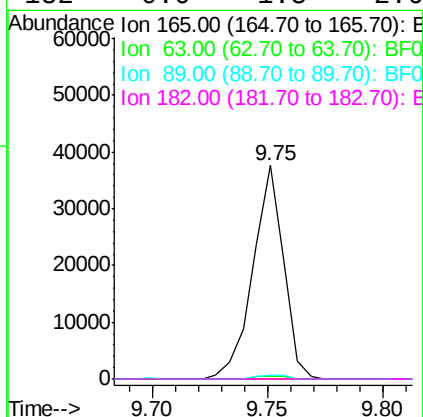
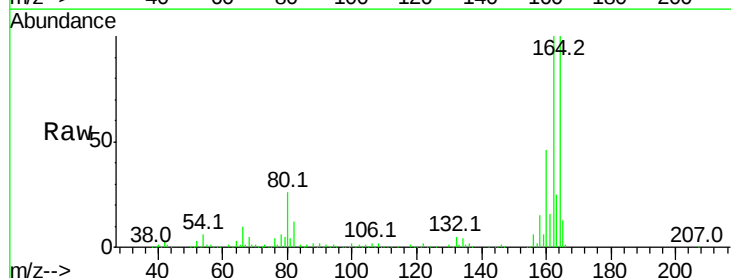
Instrument :
 BNA_F
 ClientSampleId :

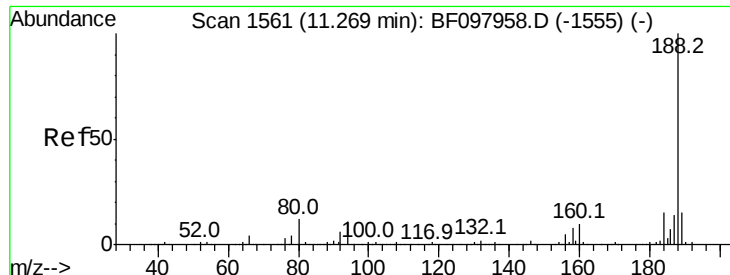
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.5	34.3	51.5#
89	1.6	37.1	55.7#



#56
 2,4-Dinitrotoluene
 Concen: 6.849 ng
 RT: 9.75 min Scan# 1303
 Delta R.T. -0.22 min
 Lab File: BF098206.D
 Acq: 31 Aug 2017 20:40

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.5	25.4	38.0#
89	1.6	46.4	69.6#
182	0.0	1.8	2.6#

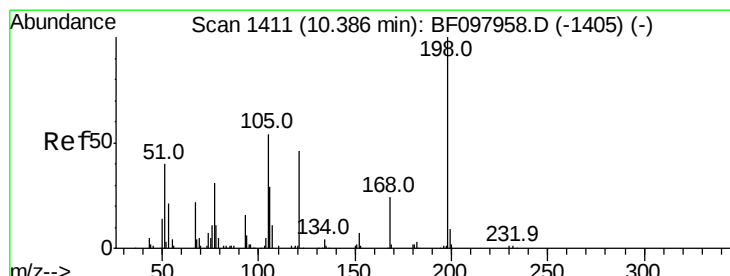
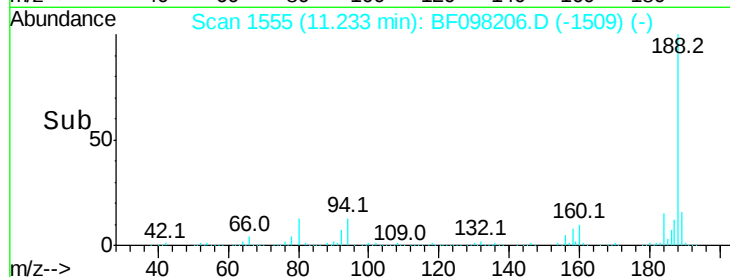
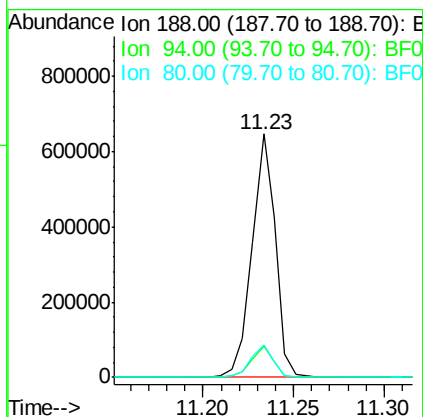
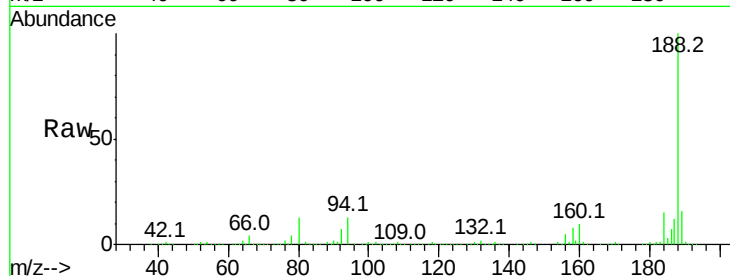




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.23 min Scan# 1555
 Delta R.T. -0.03 min
 Lab File: BF098206.D
 Acq: 31 Aug 2017 20:40

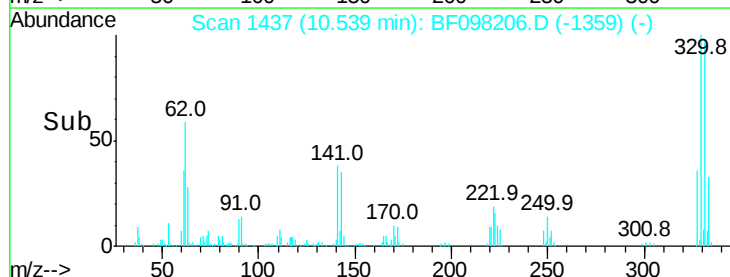
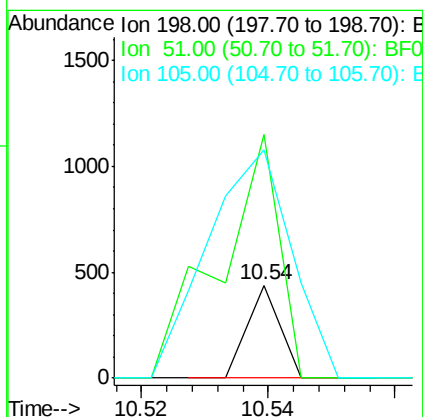
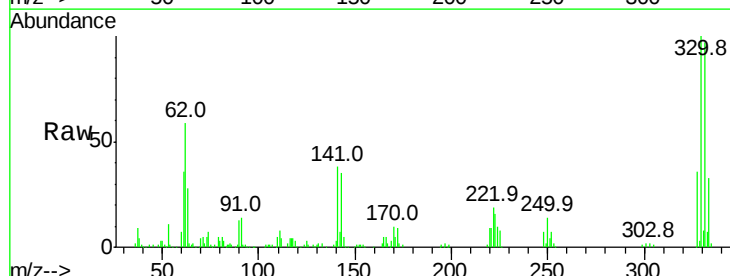
Instrument :
 BNA_F
 ClientSampleId :

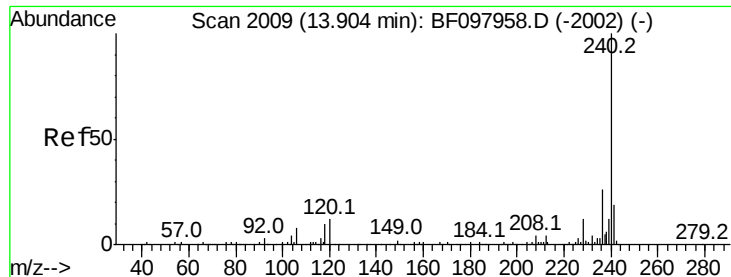
Tot Ion:188 Resp: 581010
 Ion Ratio Lower Upper
 188 100
 94 12.7 9.4 14.2
 80 13.3 10.2 15.2



#64
 4,6-Dinitro-2-methylphenol
 Concen: 8.368 ng
 RT: 10.54 min Scan# 1437
 Delta R.T. 0.16 min
 Lab File: BF098206.D
 Acq: 31 Aug 2017 20:40

Tgt Ion:198 Resp: 155
 Ion Ratio Lower Upper
 198 100
 51 262.3 53.2 93.2#
 105 245.4 45.8 85.8#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.87 min Scan# 2003

Delta R.T. -0.03 min

Lab File: BF098206.D

Acq: 31 Aug 2017 20:40

Instrument :

BNA_F

ClientSampleId :

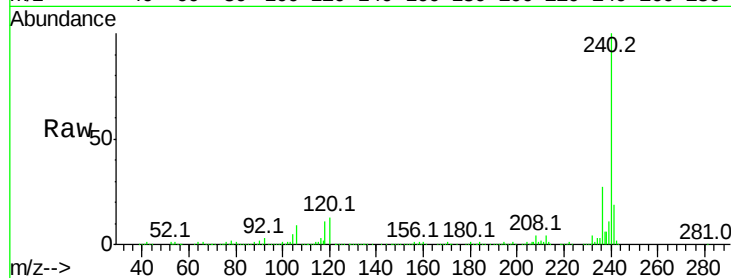
Tot Ion:240 Resp: 457919

Ion Ratio Lower Upper

240 100

120 13.1 5.8 8.8#

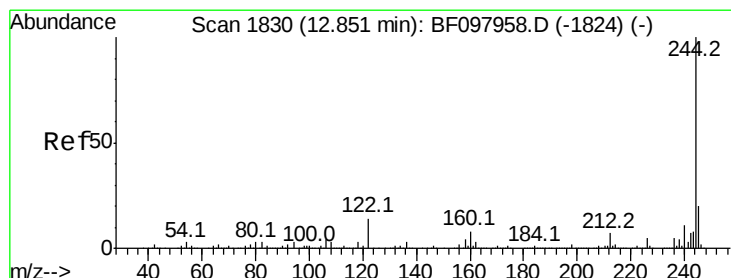
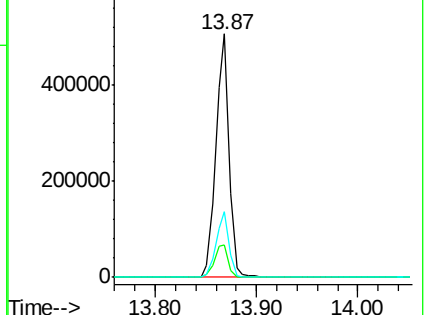
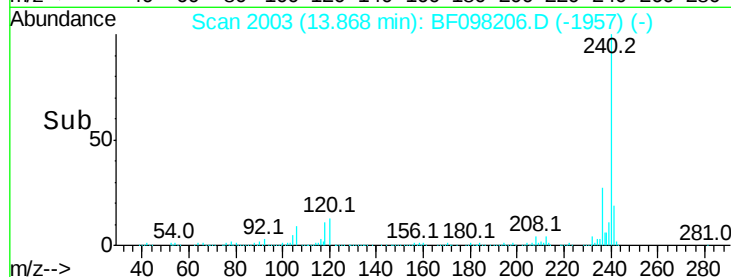
236 26.9 20.5 30.7



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: 68.095 ng

RT: 12.83 min Scan# 1826

Delta R.T. -0.02 min

Lab File: BF098206.D

Acq: 31 Aug 2017 20:40

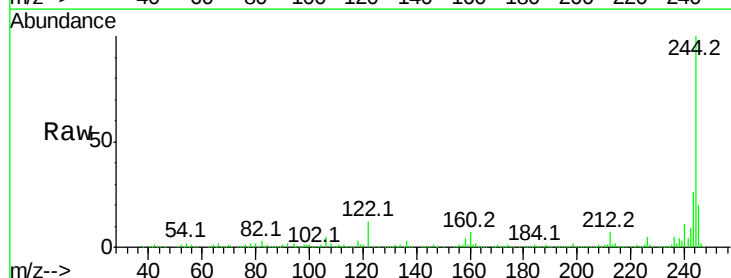
Tgt Ion:244 Resp: 1495290

Ion Ratio Lower Upper

244 100

212 7.4 6.0 9.0

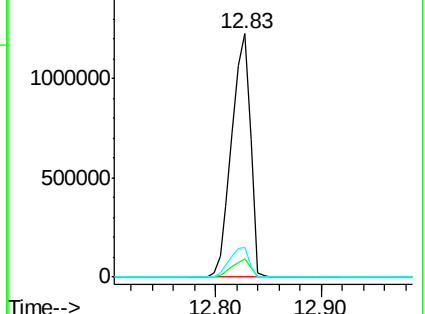
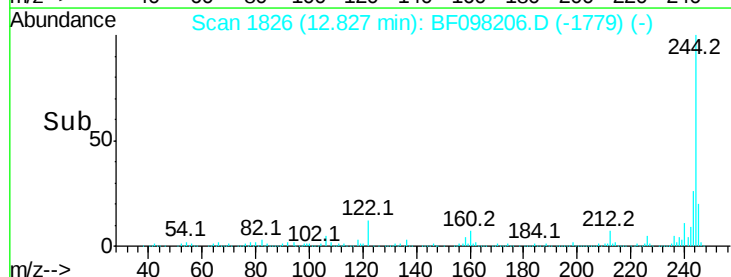
122 12.1 10.3 15.5

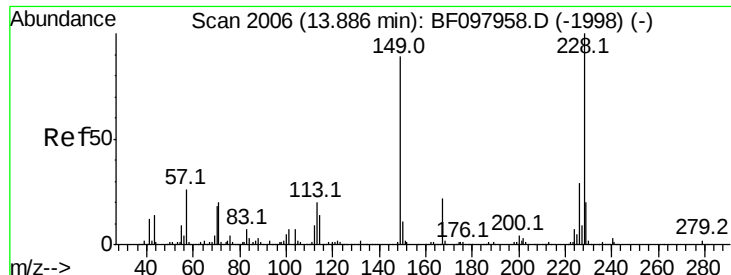


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 2.772 ng

RT: 13.85 min Scan# 2000

Delta R.T. -0.04 min

Lab File: BF098206.D

Acq: 31 Aug 2017 20:40

Instrument :

BNA_F

ClientSampleId :

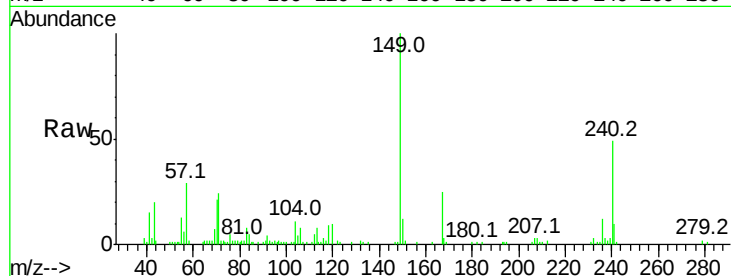
Tot Ion:149 Resp: 44108

Ion Ratio Lower Upper

149 100

167 25.1 21.0 31.4

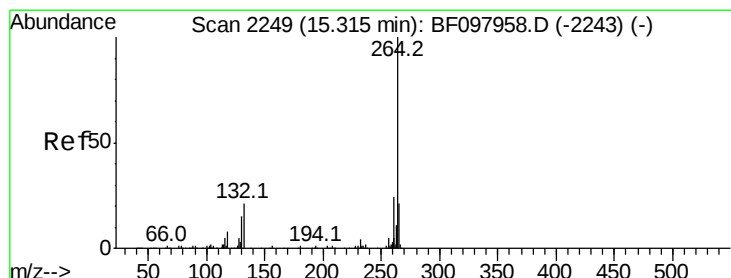
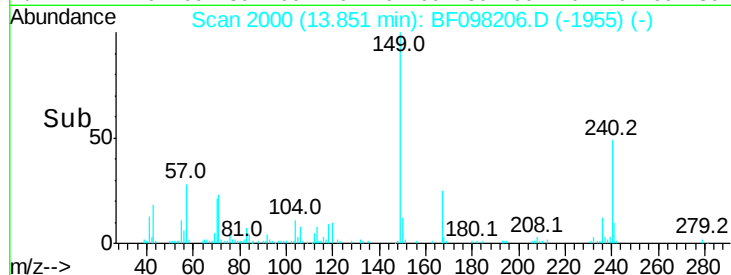
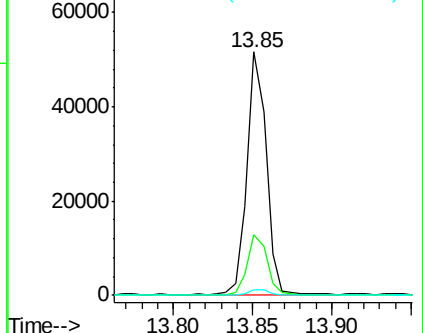
279 2.3 1.9 2.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.28 min Scan# 2243

Delta R.T. -0.03 min

Lab File: BF098206.D

Acq: 31 Aug 2017 20:40

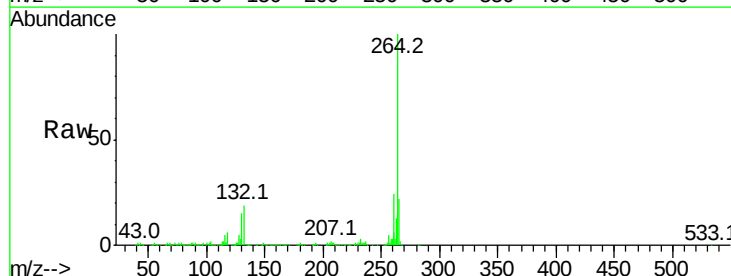
Tgt Ion:264 Resp: 296462

Ion Ratio Lower Upper

264 100

260 23.8 19.5 29.3

265 21.5 17.2 25.8



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

