

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082517\
 Data File : BF098033.D
 Acq On : 25 Aug 2017 16:32
 Operator : SJ/JU
 Sample : I4913-02
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TEC-BE2-3-12-COMP

Quant Time: Aug 25 23:18:33 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

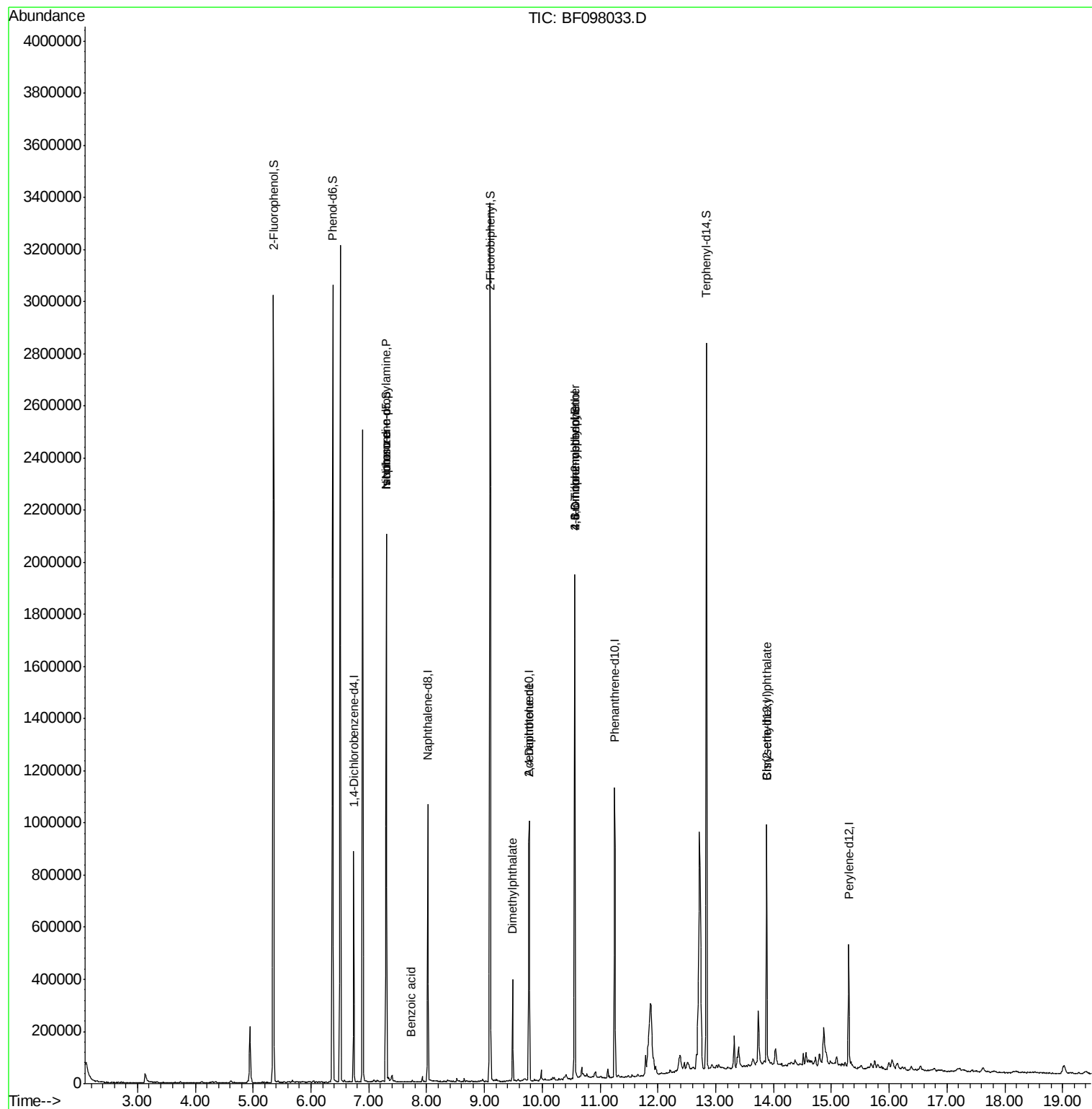
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	117133	20.00	ng	-0.01
21) Naphthalene-d8	8.02	136	458922	20.00	ng	-0.01
38) Acenaphthene-d10	9.77	164	199333	20.00	ng	-0.01
63) Phenanthrene-d10	11.25	188	378348	20.00	ng	-0.01
75) Chrysene-d12	13.89	240	286090	20.00	ng	-0.01
86) Perylene-d12	15.30	264	205567	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	969108	125.85	ng	0.00
7) Phenol-d6	6.38	99	1295656	123.83	ng	0.00
23) Nitrobenzene-d5	7.30	82	793357	93.91	ng	-0.02
41) 2,4,6-Tribromophenol	10.56	330	234852	135.79	ng	-0.01
44) 2-Fluorobiphenyl	9.10	172	1133978	83.58	ng	-0.01
78) Terphenyl-d14	12.84	244	921232	67.15	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.30	70	107731	15.04	ng	# 71
25) Isophorone	7.30	82	778906	44.34	ng	# 67
32) Benzoic acid	7.73	122	239	6.44	ng	# 32
49) Dimethylphthalate	9.49	163	134677	9.24	ng	98
56) 2,4-Dinitrotoluene	9.77	165	25455	6.97	ng	# 33
64) 4,6-Dinitro-2-methylphenol	10.56	198	421	8.52	ng	# 1
66) 4-Bromophenyl-phenylether	10.56	248	15241	3.88	ng	# 1
83) Bis(2-ethylhexyl)phthalate	13.87	149	62547	6.29	ng	99

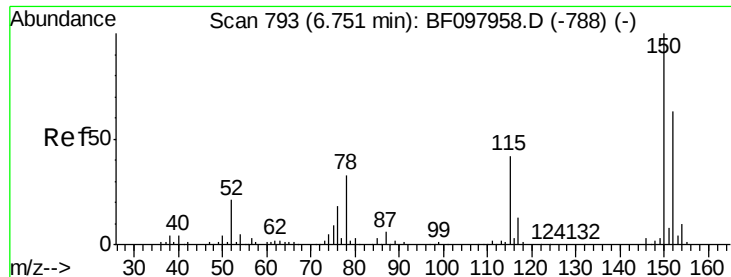
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082517\
Data File : BF098033.D
Acq On : 25 Aug 2017 16:32
Operator : SJ/JU
Sample : I4913-02
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TEC-BE2-3-12-COMP

Quant Time: Aug 25 23:18:33 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



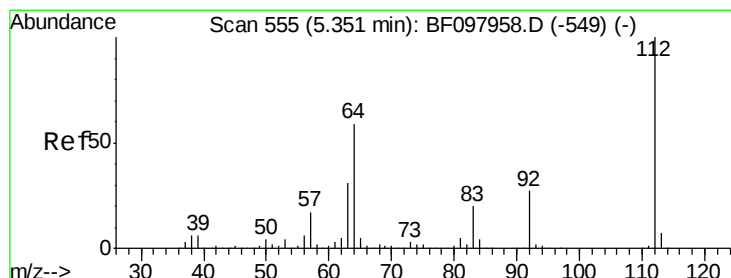
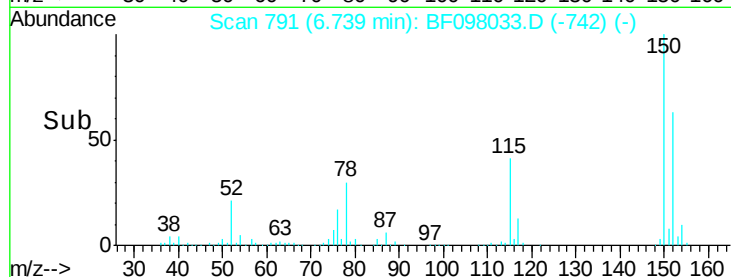
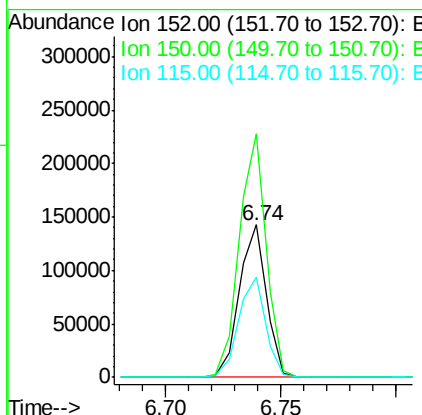
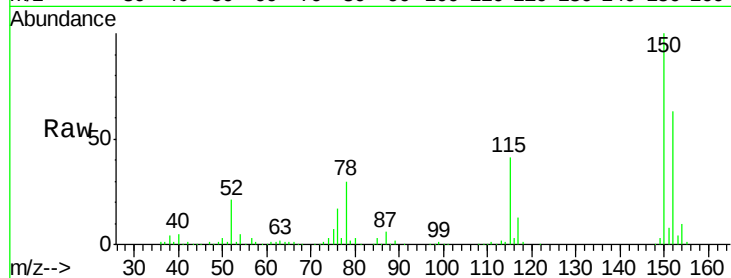


#1

1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.74 min Scan# 791
 Delta R.T. -0.01 min
 Lab File: BF098033.D
 Acq: 25 Aug 2017 16:32

Instrument :
 BNA_F
 ClientSampleId :
 TEC-BE2-3-12-COMP

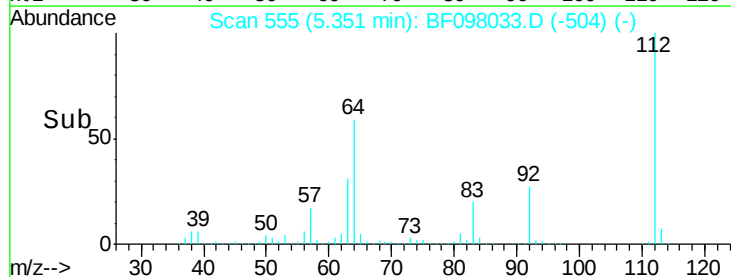
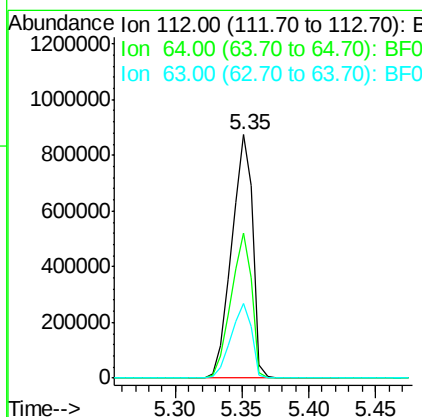
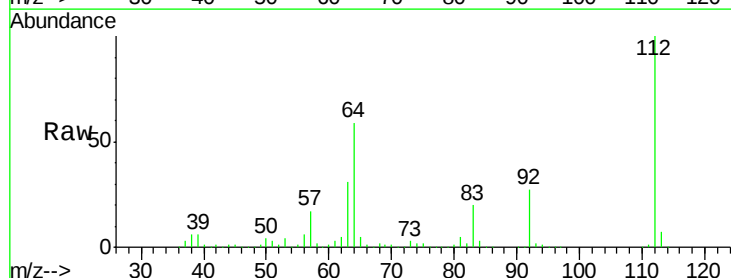
Tot Ion:152 Resp: 117133
 Ion Ratio Lower Upper
 152 100
 150 159.6 126.2 189.2
 115 65.8 52.2 78.2

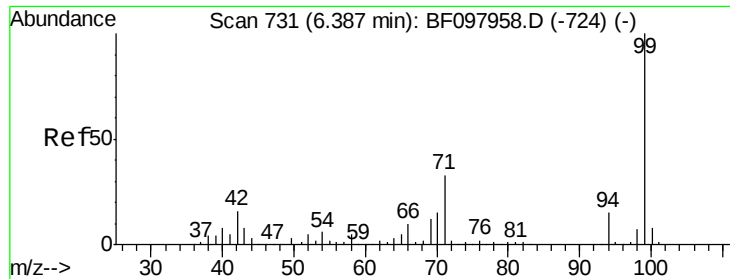


#5

2-Fluorophenol
 Concen: 125.85 ng
 RT: 5.35 min Scan# 555
 Delta R.T. -0.00 min
 Lab File: BF098033.D
 Acq: 25 Aug 2017 16:32

Tgt Ion:112 Resp: 969108
 Ion Ratio Lower Upper
 112 100
 64 59.4 46.0 69.0
 63 30.6 23.4 35.0





#7

Phenol-d6

Concen: 123.83 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF098033.D

Acq: 25 Aug 2017 16:32

Instrument :

BNA_F

ClientSampleId :

TEC-BE2-3-12-COMP

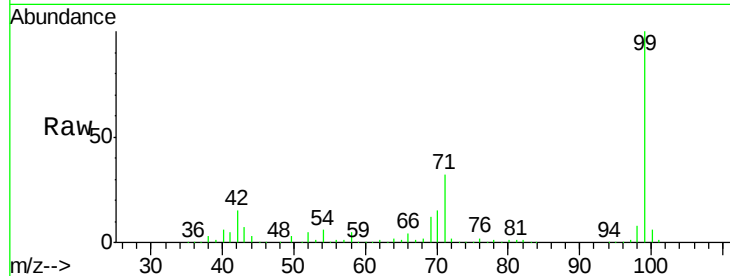
Tot Ion: 99 Resp: 1295656

Ion Ratio Lower Upper

99 100

42 14.7 13.5 20.3

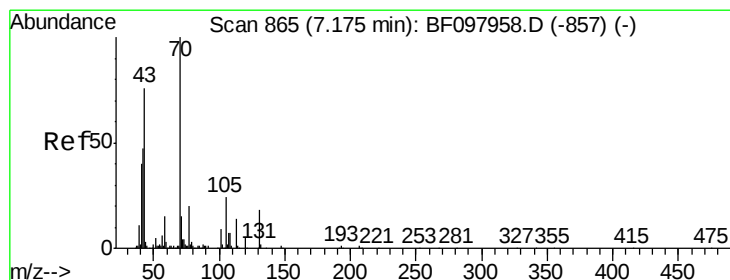
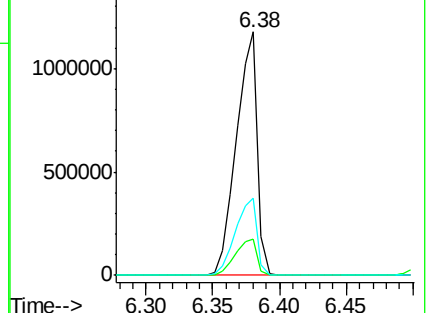
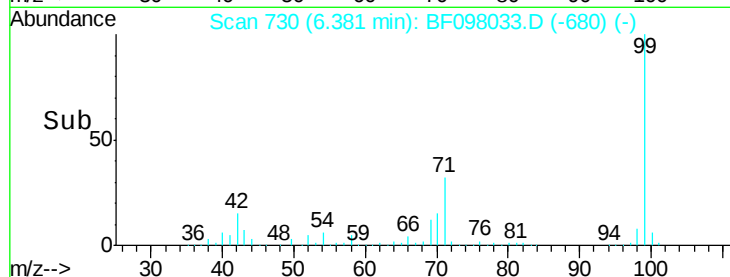
71 32.0 24.5 36.7



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: 15.04 ng

RT: 7.30 min Scan# 887

Delta R.T. 0.13 min

Lab File: BF098033.D

Acq: 25 Aug 2017 16:32

Tgt Ion: 70 Resp: 107731

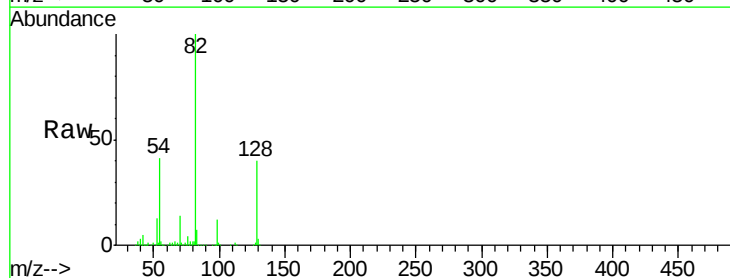
Ion Ratio Lower Upper

70 100

42 39.5 47.2 70.8#

101 0.0 7.2 10.8#

130 1.8 15.9 23.9#

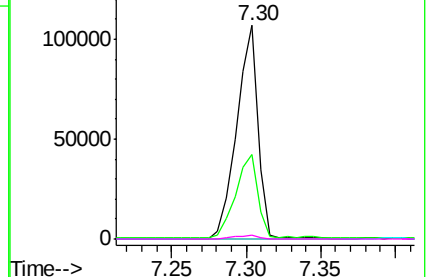
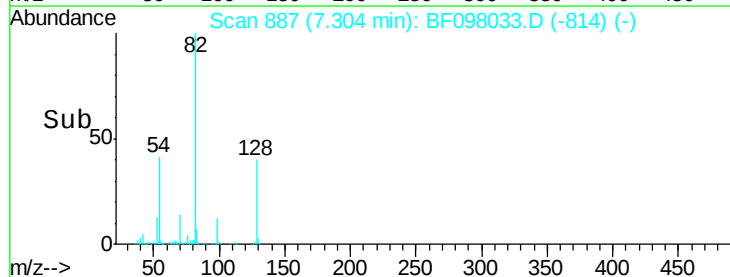


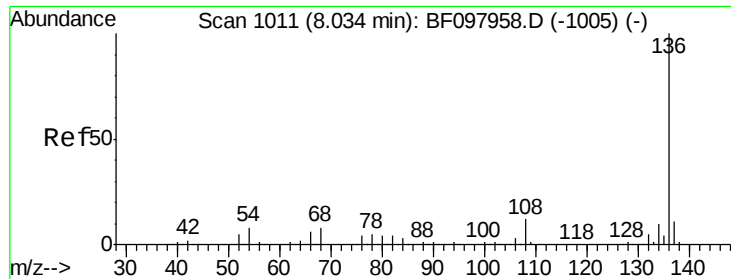
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E

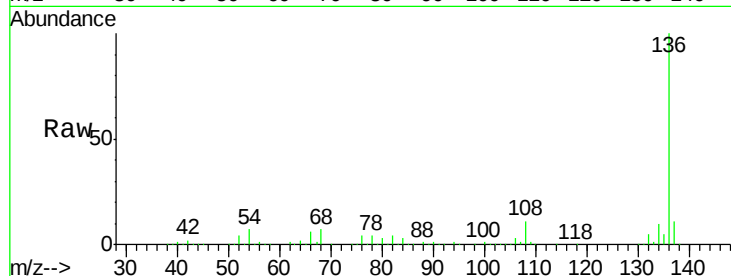




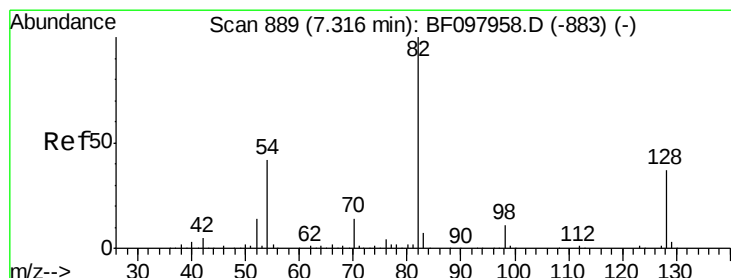
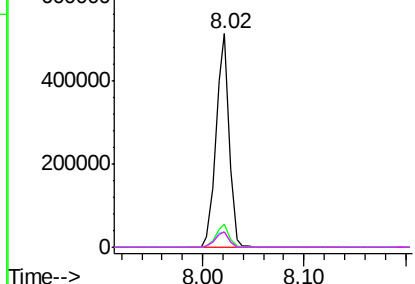
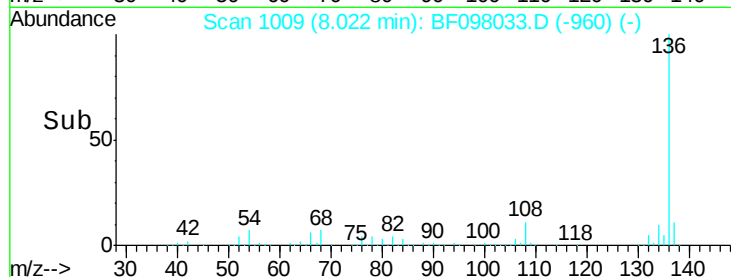
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.02 min Scan# 1009
Delta R.T. -0.01 min
Lab File: BF098033.D
Acq: 25 Aug 2017 16:32

Instrument :
BNA_F
ClientSampleId :
TEC-BE2-3-12-COMP

Tot Ion:136	Resp:	458922
Ion Ratio	Lower	Upper
136	100	
137	10.7	8.5 12.7
54	7.3	4.9 7.3
68	7.0	4.1 6.1#

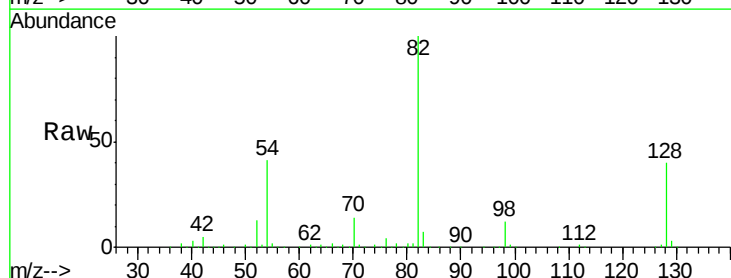


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

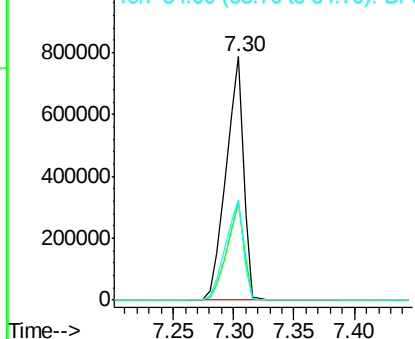
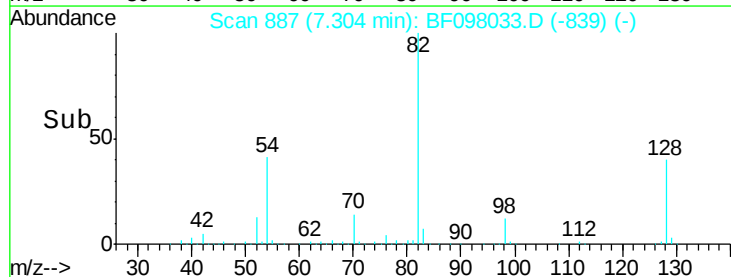


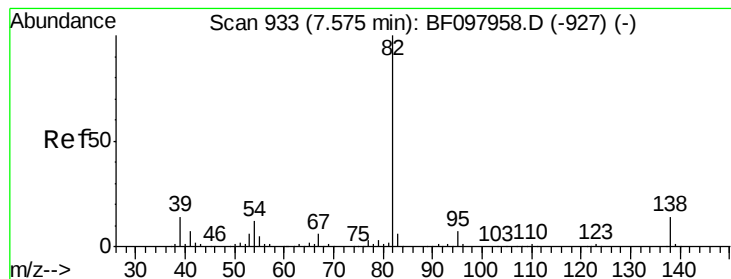
#23
Nitrobenzene-d5
Concen: 93.91 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.02 min
Lab File: BF098033.D
Acq: 25 Aug 2017 16:32

Tgt Ion: 82	Resp:	793357
Ion Ratio	Lower	Upper
82	100	
128	39.9	34.0 51.0
54	41.2	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: 44.34 ng

RT: 7.30 min Scan# 887

Delta R.T. -0.28 min

Lab File: BF098033.D

Acq: 25 Aug 2017 16:32

Instrument :

BNA_F

ClientSampleId :

TEC-BE2-3-12-COMP

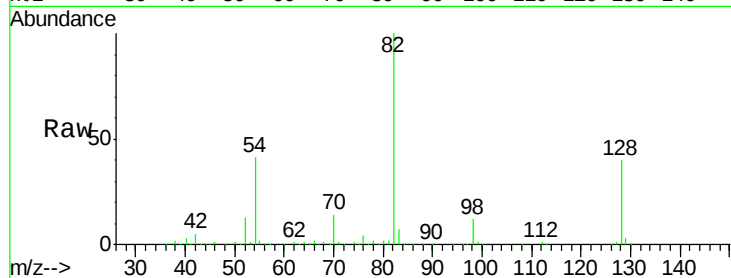
Tot Ion: 82 Resp: 778906

Ion Ratio Lower Upper

82 100

95 0.0 5.3 7.9#

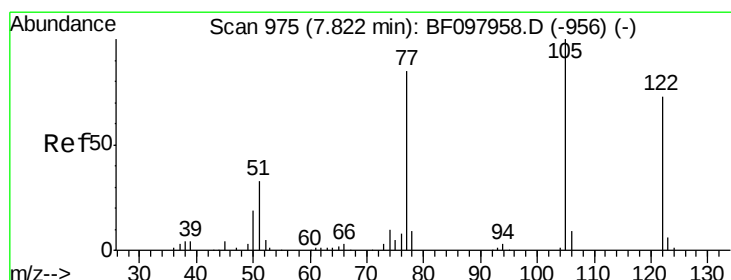
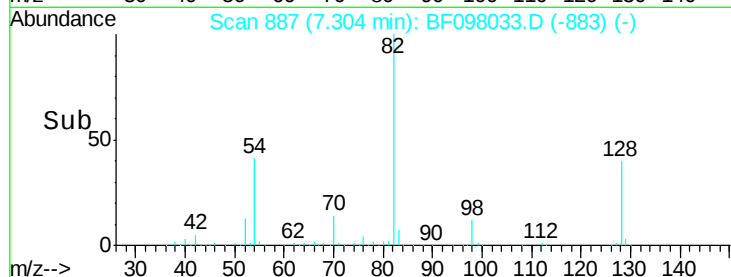
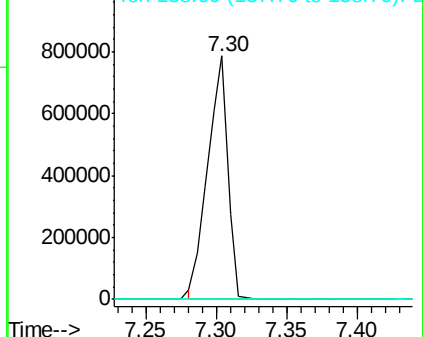
138 0.0 13.1 19.7#



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#32

Benzoic acid

Concen: 6.44 ng

RT: 7.73 min Scan# 960

Delta R.T. -0.10 min

Lab File: BF098033.D

Acq: 25 Aug 2017 16:32

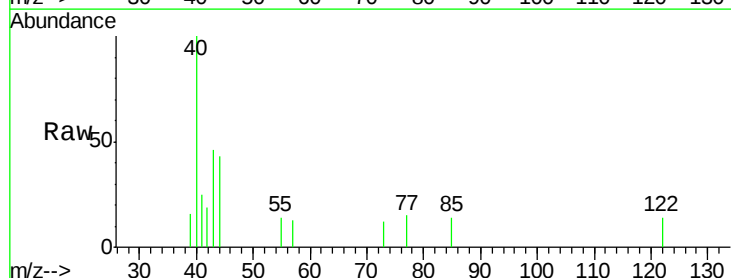
Tgt Ion: 122 Resp: 239

Ion Ratio Lower Upper

122 100

105 0.0 103.3 143.3#

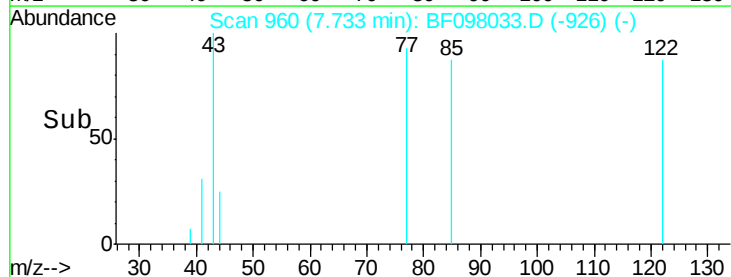
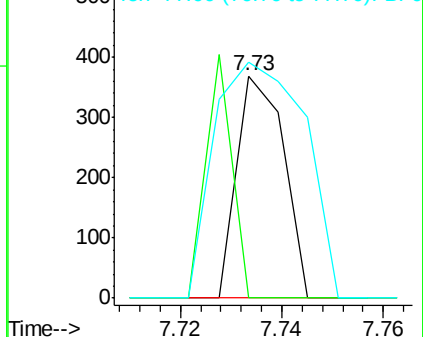
77 106.0 73.7 113.7

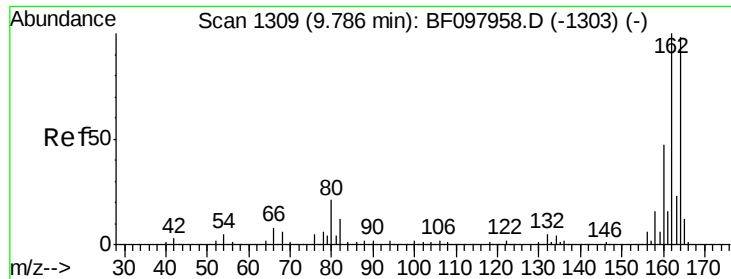


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

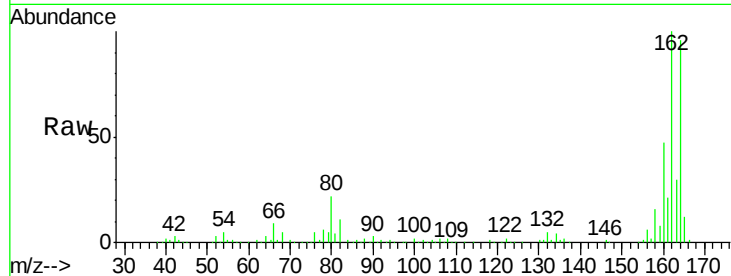




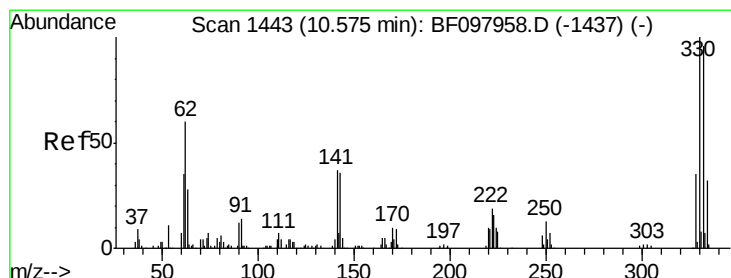
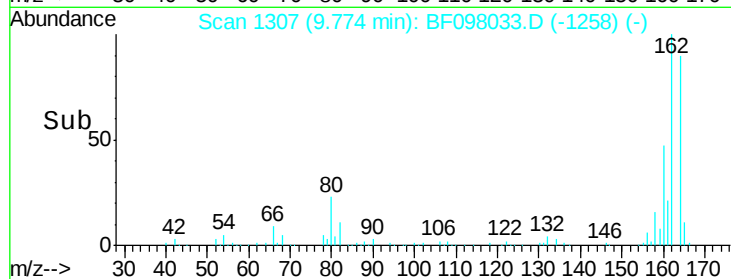
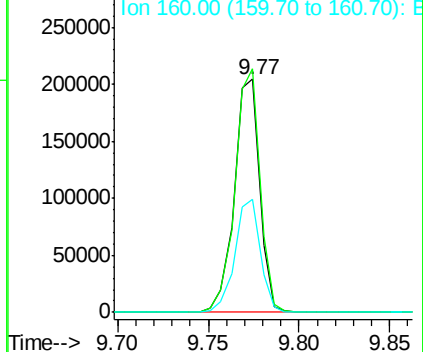
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.77 min Scan# 1307
 Delta R.T. -0.01 min
 Lab File: BF098033.D
 Acq: 25 Aug 2017 16:32

Instrument :
 BNA_F
 ClientSampleId :
 TEC-BE2-3-12-COMP

Tot Ion:164 Resp: 199333
 Ion Ratio Lower Upper
 164 100
 162 104.4 82.6 123.8
 160 48.8 36.2 54.2

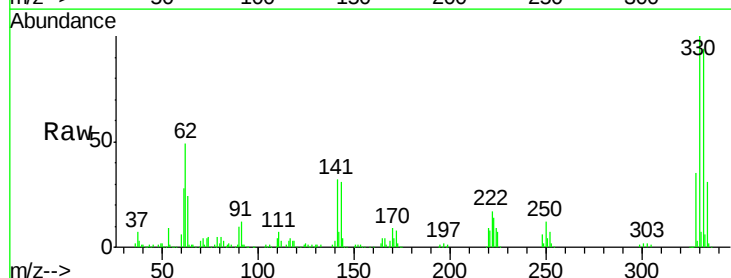


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

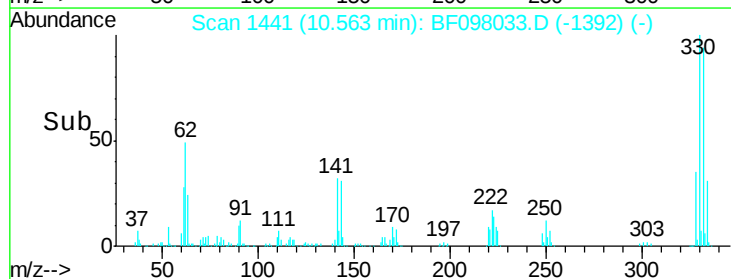
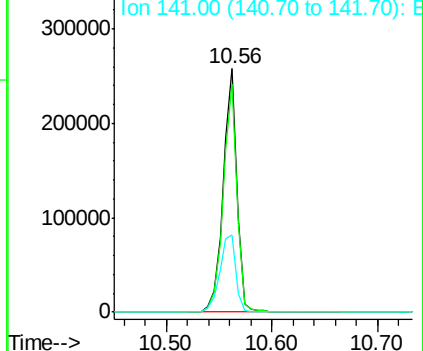


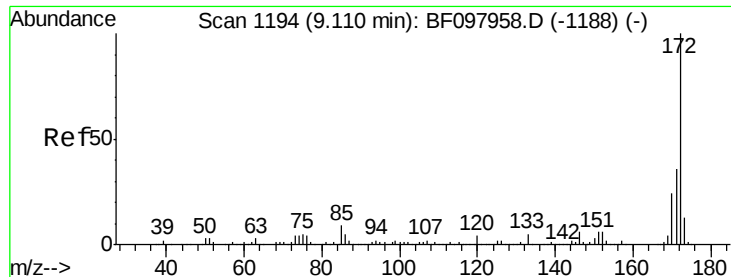
#41
 2,4,6-Tribromophenol
 Concen: 135.79 ng
 RT: 10.56 min Scan# 1441
 Delta R.T. -0.01 min
 Lab File: BF098033.D
 Acq: 25 Aug 2017 16:32

Tgt Ion:330 Resp: 234852
 Ion Ratio Lower Upper
 330 100
 332 93.8 76.6 115.0
 141 37.9 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

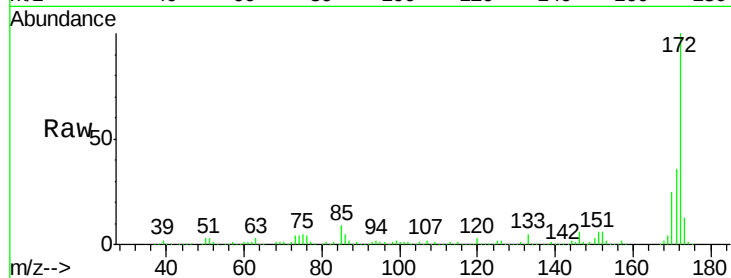




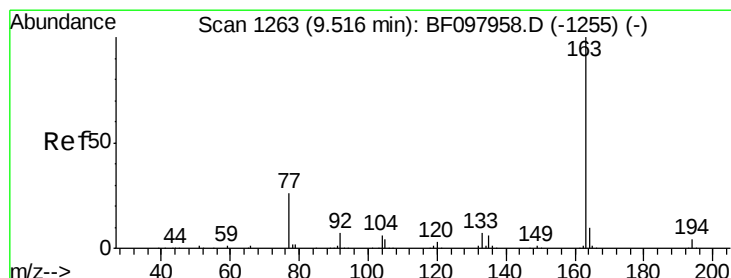
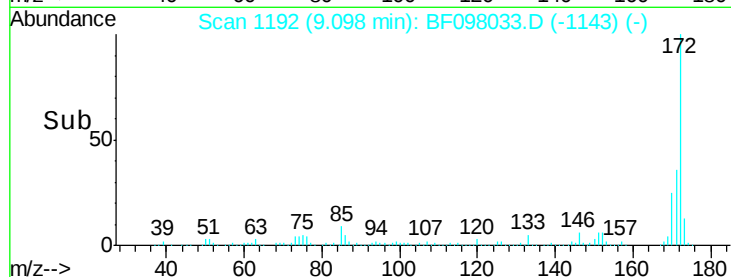
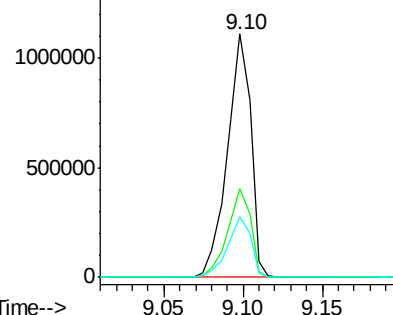
#44
2-Fluorobiphenyl
Concen: 83.58 ng
RT: 9.10 min Scan# 1192
Delta R.T. -0.01 min
Lab File: BF098033.D
Acq: 25 Aug 2017 16:32

Instrument :
BNA_F
ClientSampleId :
TEC-BE2-3-12-COMP

Tot Ion:172 Resp: 1133978
Ion Ratio Lower Upper
172 100
171 36.3 29.6 44.4
170 24.8 19.8 29.8

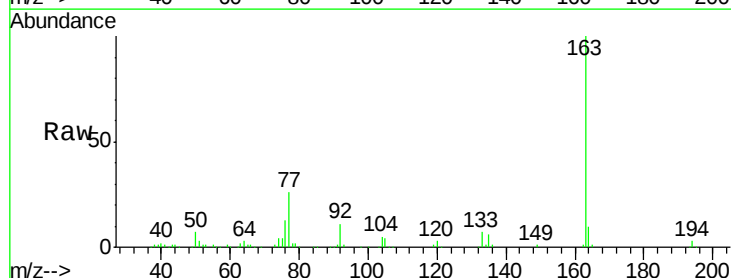


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

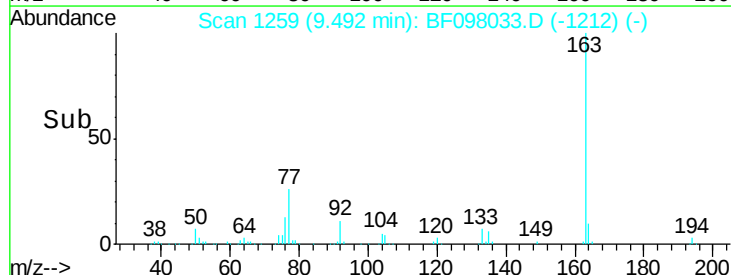
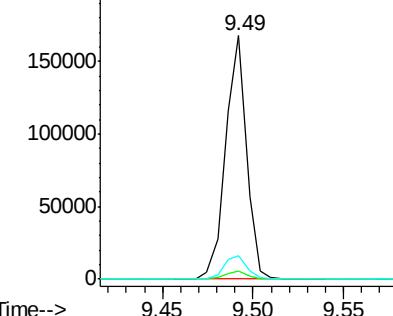


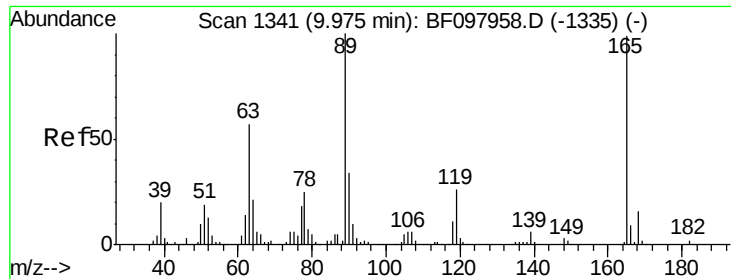
#49
Dimethylphthalate
Concen: 9.24 ng
RT: 9.49 min Scan# 1259
Delta R.T. -0.02 min
Lab File: BF098033.D
Acq: 25 Aug 2017 16:32

Tgt Ion:163 Resp: 134677
Ion Ratio Lower Upper
163 100
194 3.2 2.6 4.0
164 9.7 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

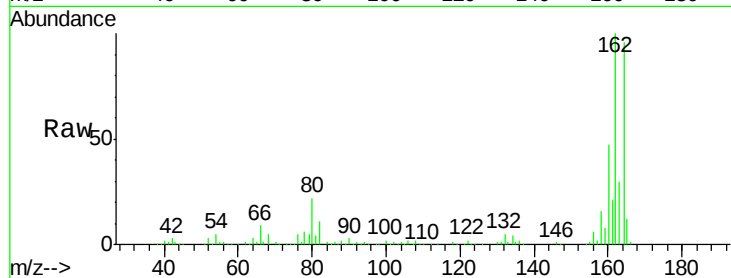




#56
2,4-Dinitrotoluene
Concen: 6.97 ng
RT: 9.77 min Scan# 1307
Delta R.T. -0.20 min
Lab File: BF098033.D
Acq: 25 Aug 2017 16:32

Instrument :
BNA_F
ClientSampleId :
TEC-BE2-3-12-COMP

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.2	25.4	38.0#
89	2.0	46.4	69.6#
182	0.0	1.8	2.6#

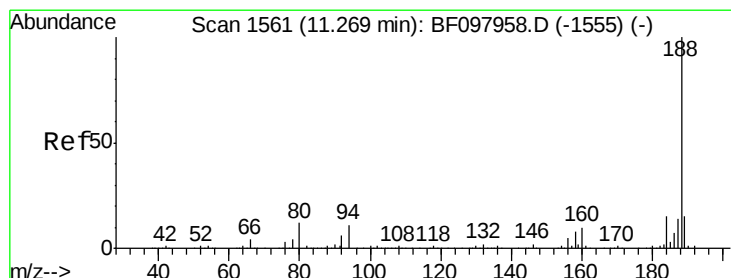
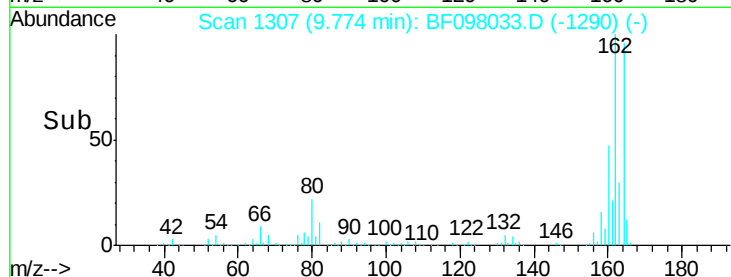
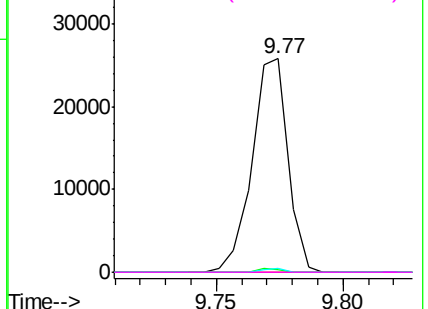


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

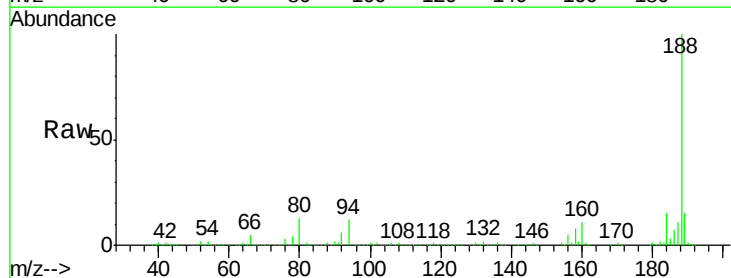
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.25 min Scan# 1558
Delta R.T. -0.01 min
Lab File: BF098033.D
Acq: 25 Aug 2017 16:32

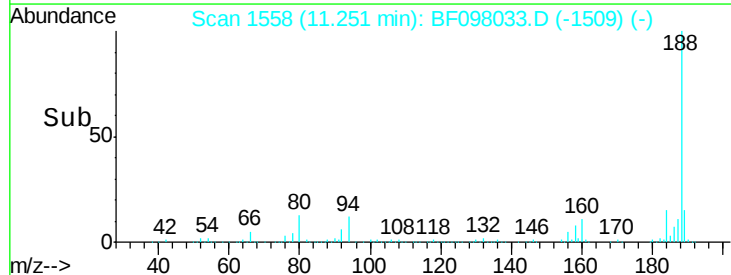
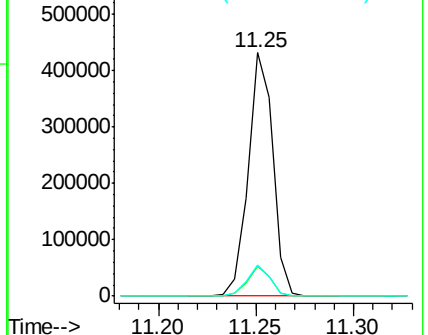
Tgt Ion	Ratio	Lower	Upper
188	100		
94	12.1	9.4	14.2
80	13.0	10.2	15.2

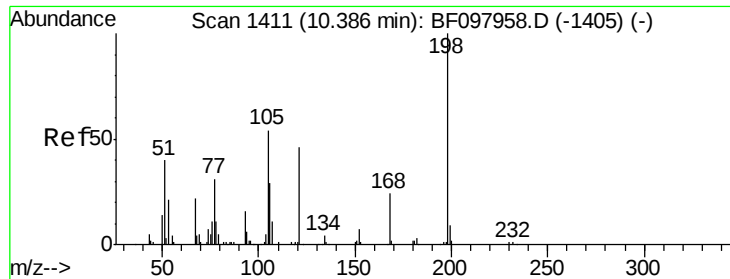


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#64

4,6-Dinitro-2-methylphenol

Concen: 8.52 ng

RT: 10.56 min Scan# 1440

Delta R.T. 0.18 min

Lab File: BF098033.D

Acq: 25 Aug 2017 16:32

Instrument :

BNA_F

ClientSampleId :

TEC-BE2-3-12-COMP

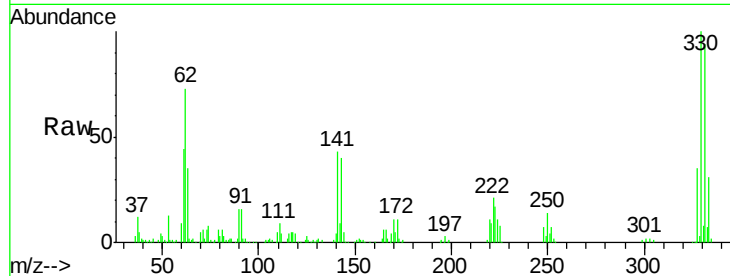
Tot Ion:198 Resp: 421

Ion Ratio Lower Upper

198 100

51 199.1 53.2 93.2#

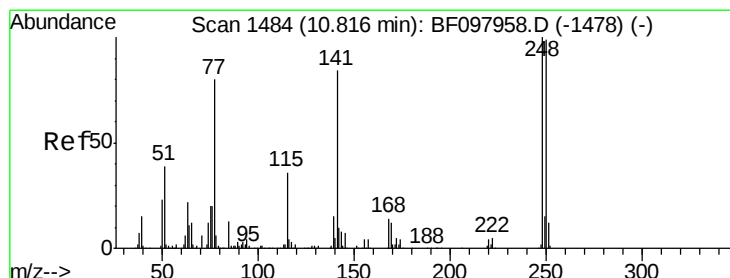
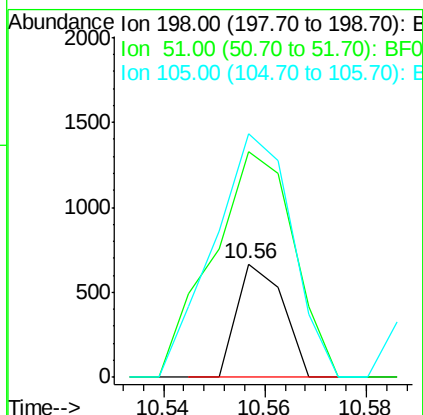
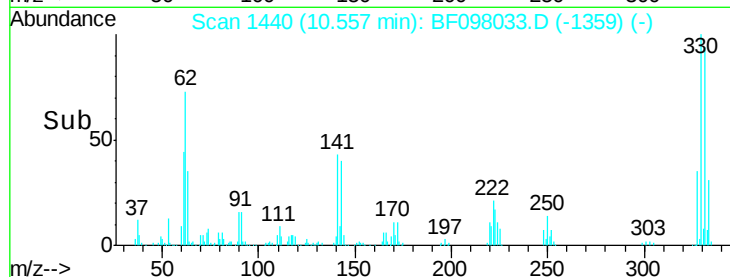
105 214.8 45.8 85.8#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E



#66

4-Bromophenyl-phenylether

Concen: 3.88 ng

RT: 10.56 min Scan# 1441

Delta R.T. -0.25 min

Lab File: BF098033.D

Acq: 25 Aug 2017 16:32

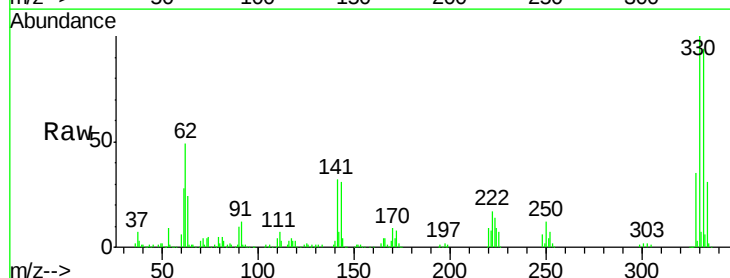
Tgt Ion:248 Resp: 15241

Ion Ratio Lower Upper

248 100

250 202.7 76.8 115.2#

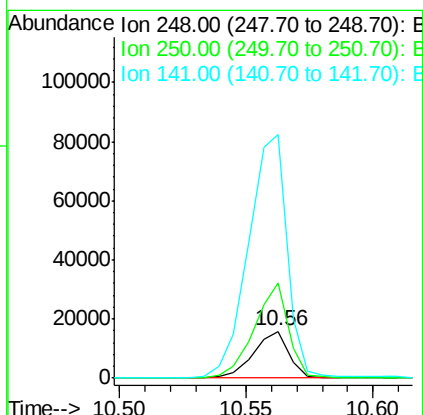
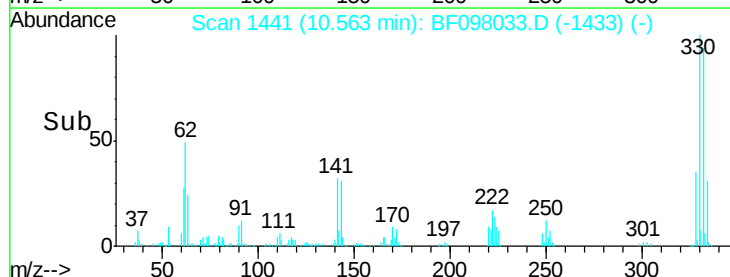
141 518.6 68.6 103.0#

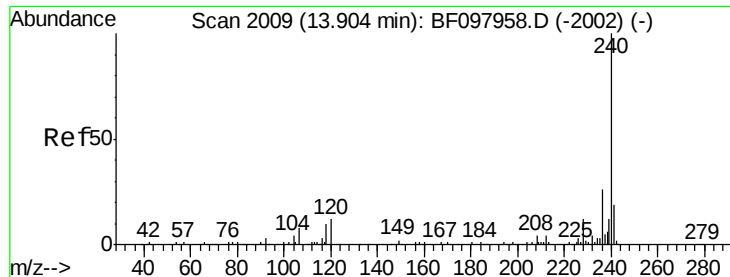


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.89 min Scan# 2006

Delta R.T. -0.01 min

Lab File: BF098033.D

Acq: 25 Aug 2017 16:32

Instrument :

BNA_F

ClientSampleId :

TEC-BE2-3-12-COMP

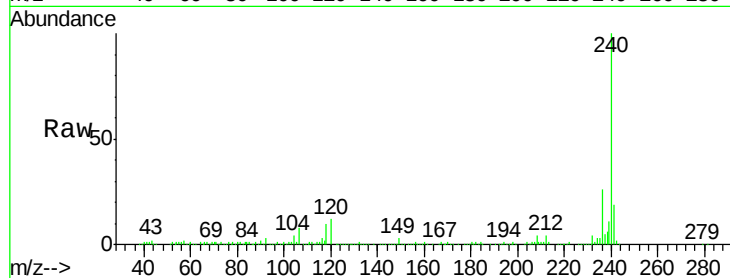
Tot Ion:240 Resp: 286090

Ion Ratio Lower Upper

240 100

120 12.1 5.8 8.8#

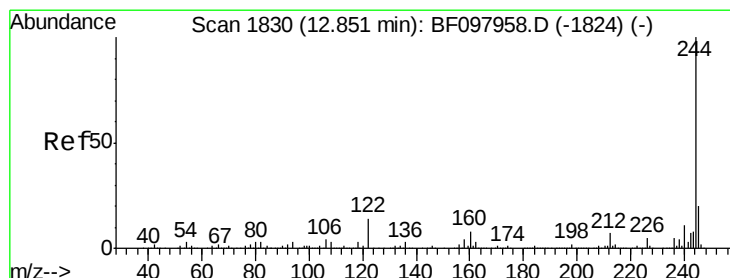
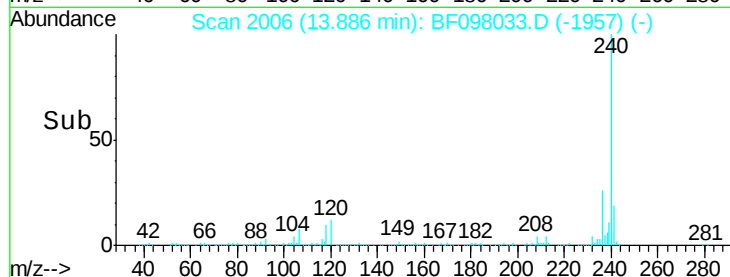
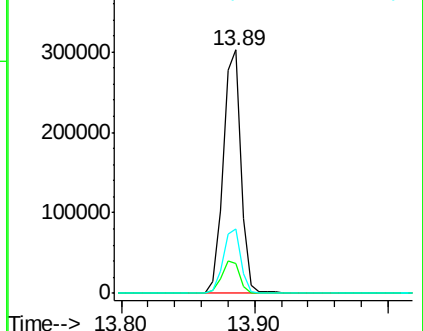
236 26.4 20.5 30.7



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: 67.15 ng

RT: 12.84 min Scan# 1828

Delta R.T. -0.01 min

Lab File: BF098033.D

Acq: 25 Aug 2017 16:32

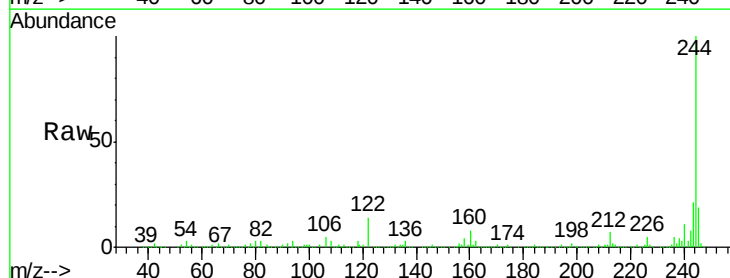
Tgt Ion:244 Resp: 921232

Ion Ratio Lower Upper

244 100

212 7.4 6.0 9.0

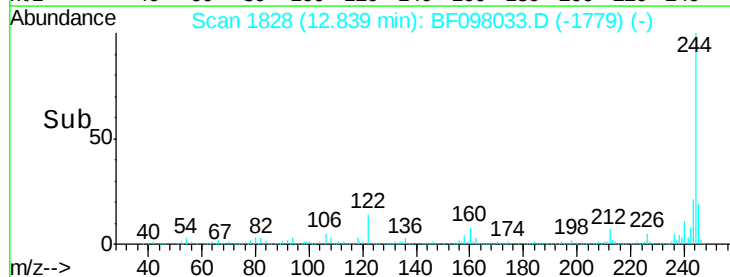
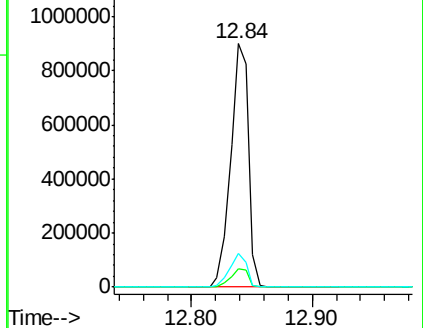
122 13.8 10.3 15.5

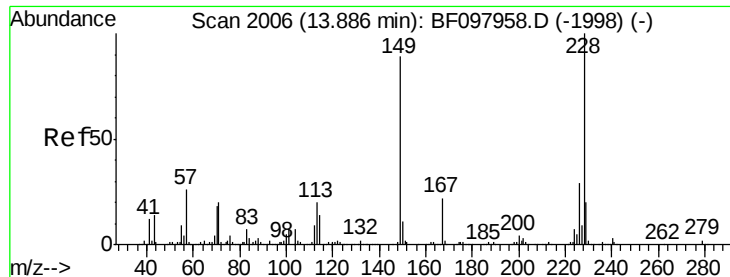


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 6.29 ng

RT: 13.87 min Scan# 2004

Delta R.T. -0.01 min

Lab File: BF098033.D

Acq: 25 Aug 2017 16:32

Instrument :

BNA_F

ClientSampleId :

TEC-BE2-3-12-COMP

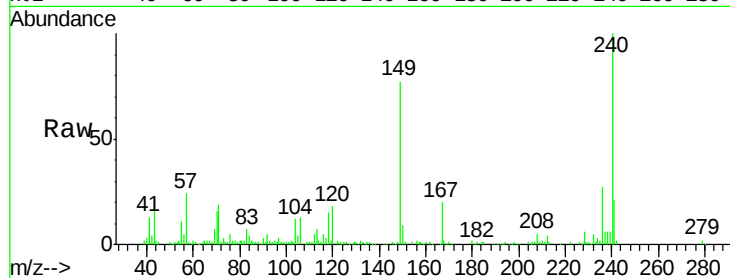
Tot Ion:149 Resp: 62547

Ion Ratio Lower Upper

149 100

167 26.6 21.0 31.4

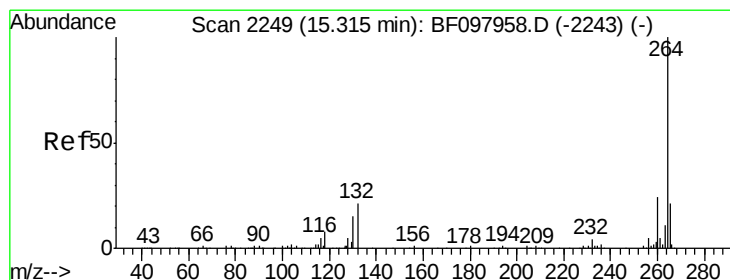
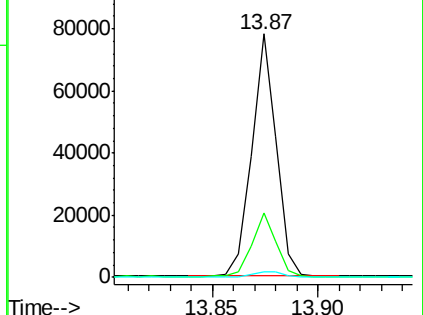
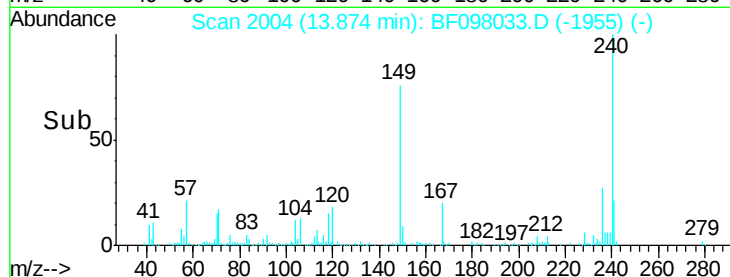
279 2.3 1.9 2.9



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: 20.00 ng

RT: 15.30 min Scan# 2246

Delta R.T. -0.01 min

Lab File: BF098033.D

Acq: 25 Aug 2017 16:32

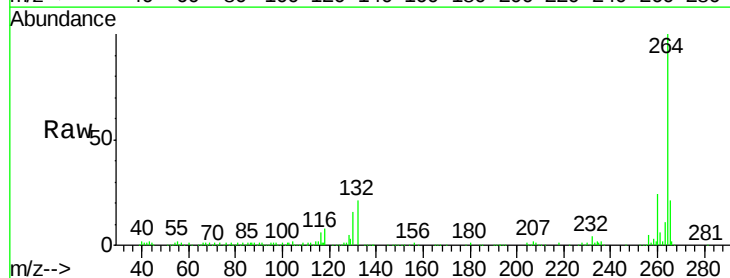
Tgt Ion:264 Resp: 205567

Ion Ratio Lower Upper

264 100

260 23.7 19.5 29.3

265 21.3 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

