

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080117\
 Data File : BF097265.D
 Acq On : 2 Aug 2017 10:14
 Operator : SJ/JU
 Sample : I4493-02 5X
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 02 11:41:02 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 02 11:39:11 2017
 Response via : Initial Calibration

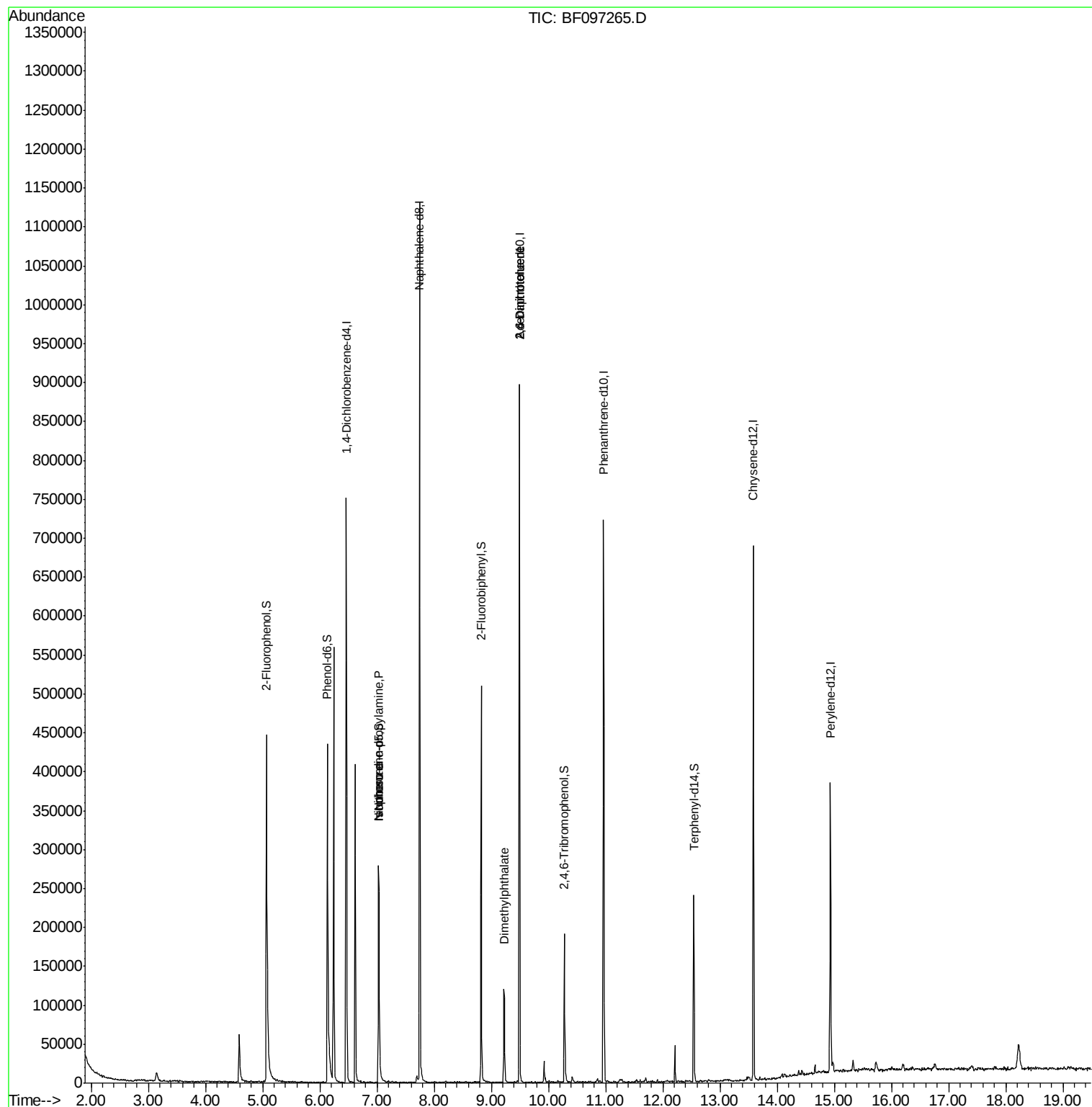
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.46	152	110498	20.00	ng	0.00
21) Naphthalene-d8	7.75	136	472891	20.00	ng	0.00
38) Acenaphthene-d10	9.49	164	171589	20.00	ng	0.00
63) Phenanthrene-d10	10.96	188	235140	20.00	ng	0.00
75) Chrysene-d12	13.59	240	218128	20.00	ng	0.00
86) Perylene-d12	14.93	264	144703	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.06	112	185805	25.35	ng	0.00
7) Phenol-d6	6.13	99	199790	23.88	ng	-0.01
23) Nitrobenzene-d5	7.03	82	99866	12.39	ng	-0.01
41) 2,4,6-Tribromophenol	10.28	330	20940	15.45	ng	0.00
44) 2-Fluorobiphenyl	8.82	172	143469	14.19	ng	-0.01
78) Terphenyl-d14	12.54	244	71945	6.72	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.03	70	12964	2.354	ng	# 78
25) Isophorone	7.03	82	99865	6.326	ng	# 67
49) Dimethylphthalate	9.23	163	54610	4.191	ng	# 98
50) 2,6-Dinitrotoluene	9.49	165	21334	7.720	ng	# 34
56) 2,4-Dinitrotoluene	9.49	165	21334	6.715	ng	# 34

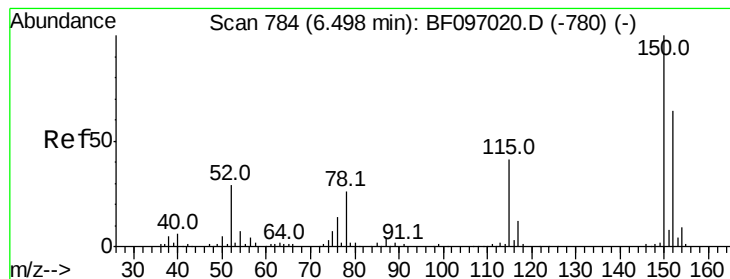
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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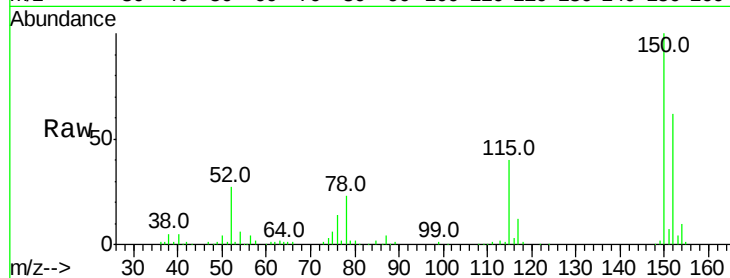


#1

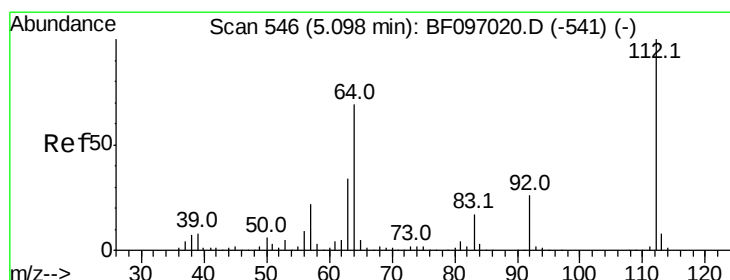
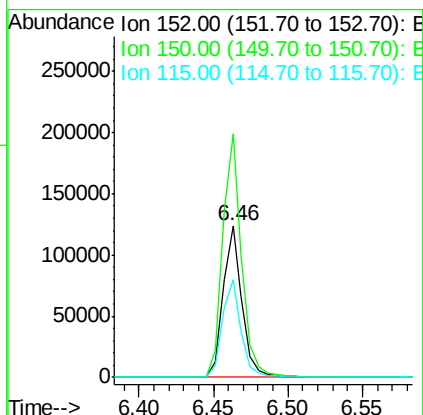
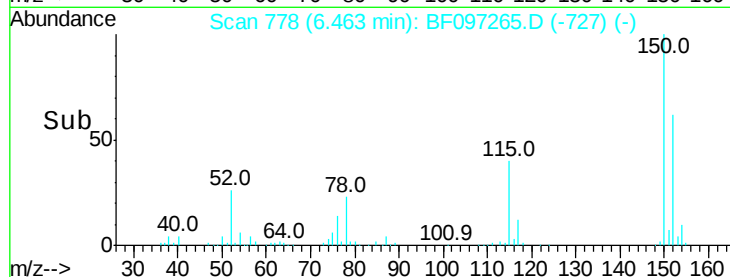
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.46 min Scan# 778
Delta R.T. -0.00 min
Lab File: BF097265.D
Acq: 2 Aug 2017 10:14

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 110498
Ion Ratio Lower Upper
152 100
150 160.1 126.2 189.2
115 64.3 52.2 78.2



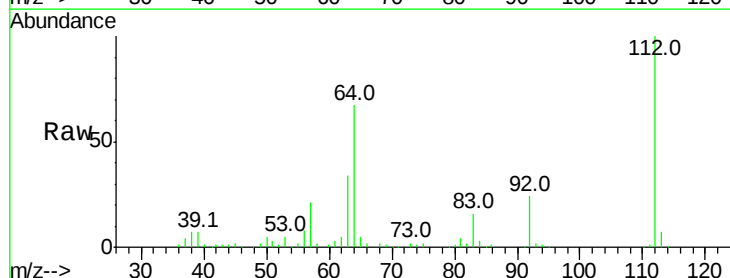
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



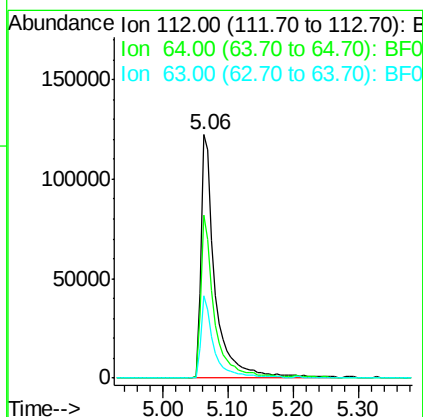
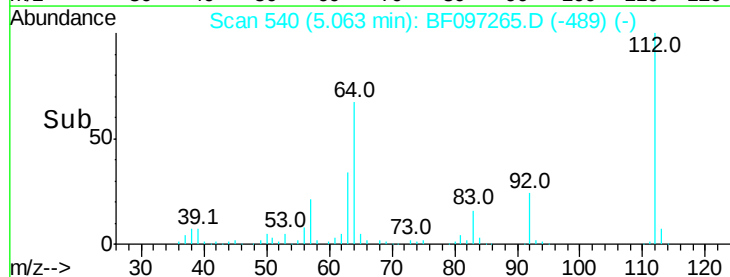
#5

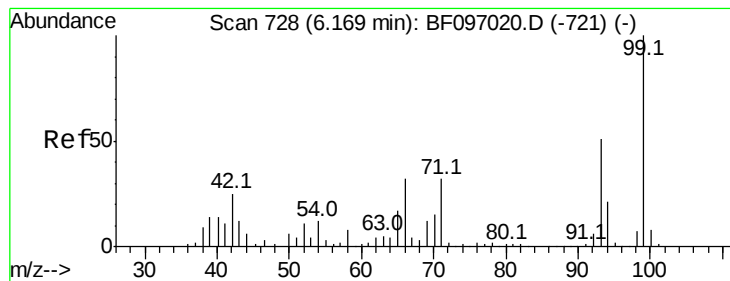
2-Fluorophenol
Concen: 25.349 ng
RT: 5.06 min Scan# 540
Delta R.T. -0.00 min
Lab File: BF097265.D
Acq: 2 Aug 2017 10:14

Tgt Ion:112 Resp: 185805
Ion Ratio Lower Upper
112 100
64 66.8 46.0 69.0
63 33.8 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: 23.875 ng

RT: 6.13 min Scan# 722

Delta R.T. -0.01 min

Lab File: BF097265.D

Acq: 2 Aug 2017 10:14

Instrument :

BNA_F

ClientSampled :

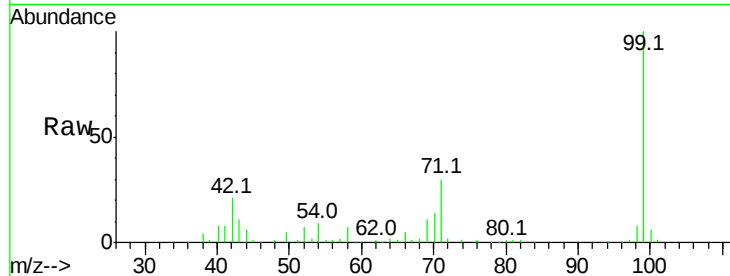
Tot Ion: 99 Resp: 199790

Ion Ratio Lower Upper

99 100

42 20.9 13.5 20.3#

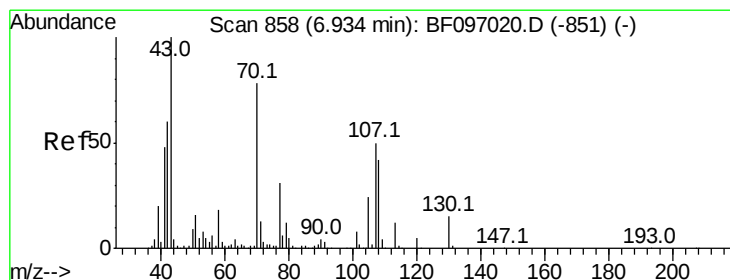
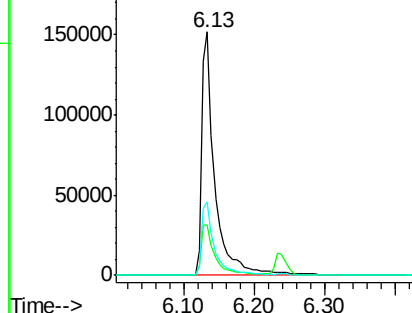
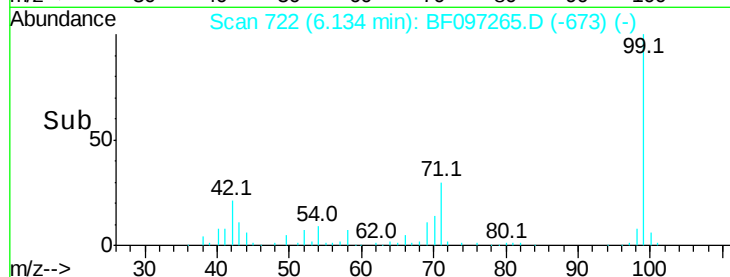
71 30.2 24.5 36.7



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: 2.354 ng

RT: 7.03 min Scan# 874

Delta R.T. 0.12 min

Lab File: BF097265.D

Acq: 2 Aug 2017 10:14

Tgt Ion: 70 Resp: 12964

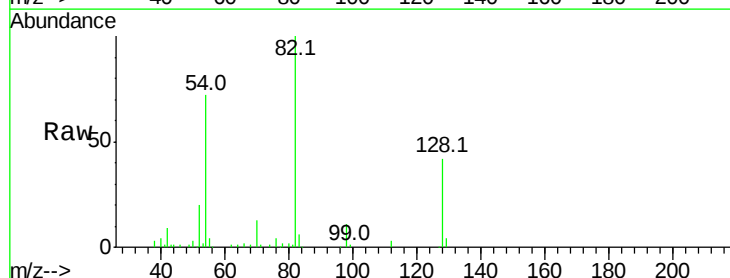
Ion Ratio Lower Upper

70 100

42 70.1 47.2 70.8

101 0.0 7.2 10.8#

130 0.0 15.9 23.9#

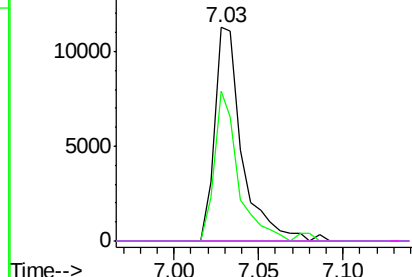
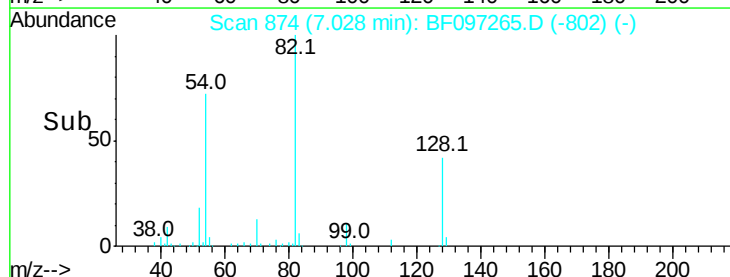


Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 7.75 min Scan# 996

Delta R.T. -0.01 min

Lab File: BF097265.D

Acq: 2 Aug 2017 10:14

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 472891

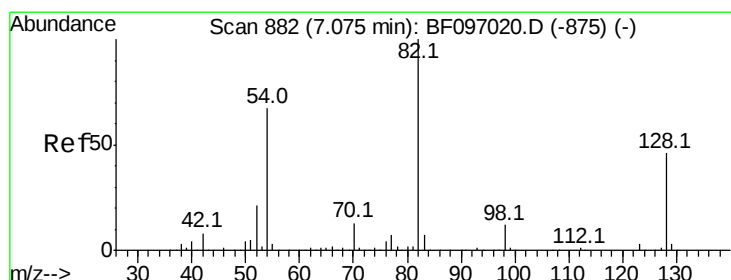
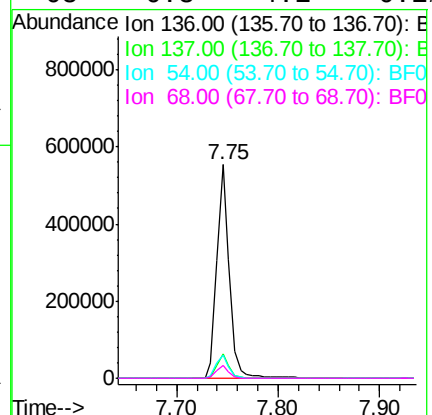
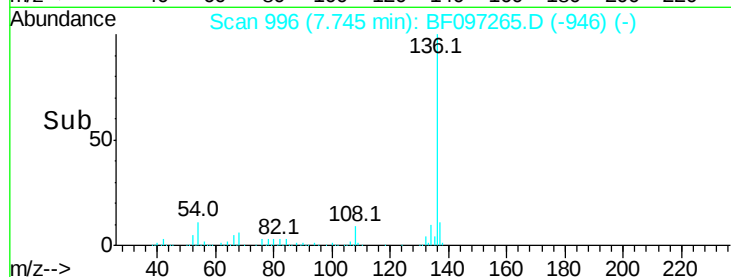
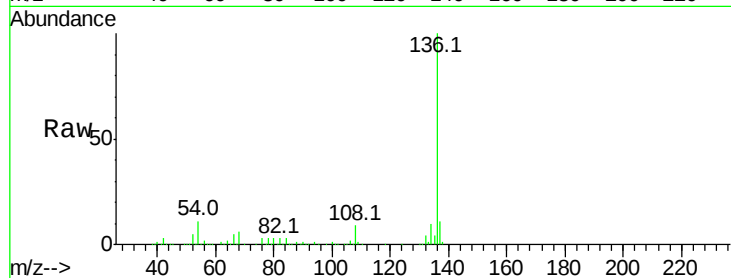
Ion Ratio Lower Upper

136 100

137 11.2 8.5 12.7

54 10.9 4.9 7.3#

68 6.3 4.1 6.1#



#23

Nitrobenzene-d5

Concen: 12.389 ng

RT: 7.03 min Scan# 874

Delta R.T. -0.01 min

Lab File: BF097265.D

Acq: 2 Aug 2017 10:14

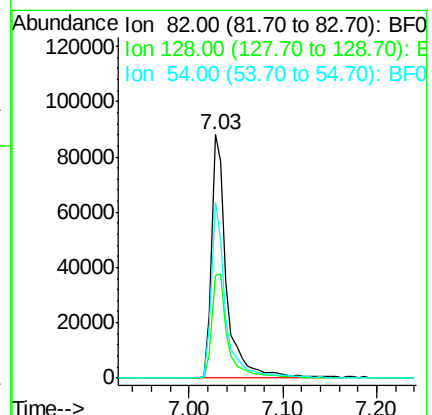
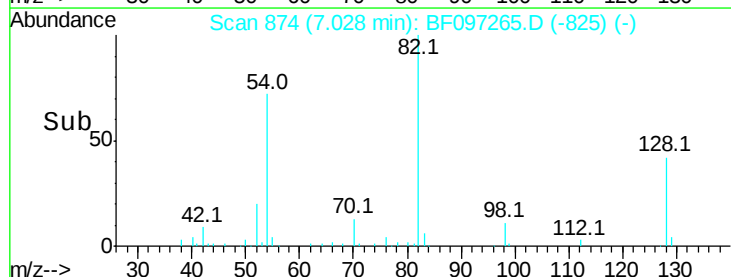
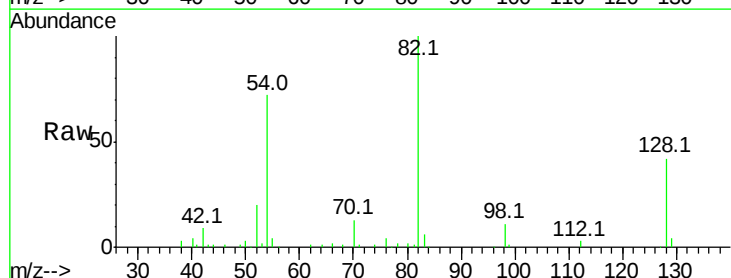
Tgt Ion: 82 Resp: 99866

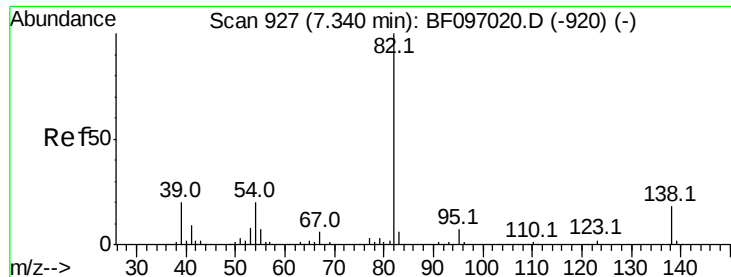
Ion Ratio Lower Upper

82 100

128 42.2 34.0 51.0

54 72.0 42.2 63.2#





#25

Isophorone

Concen: 6.326 ng

RT: 7.03 min Scan# 874

Delta R.T. -0.28 min

Lab File: BF097265.D

Acq: 2 Aug 2017 10:14

Instrument :

BNA_F

ClientSampled :

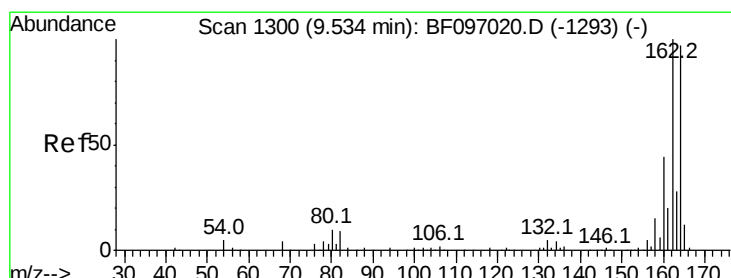
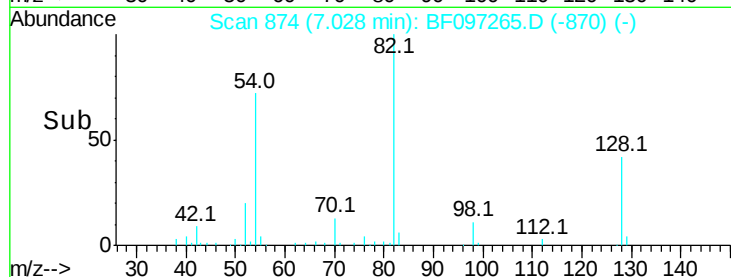
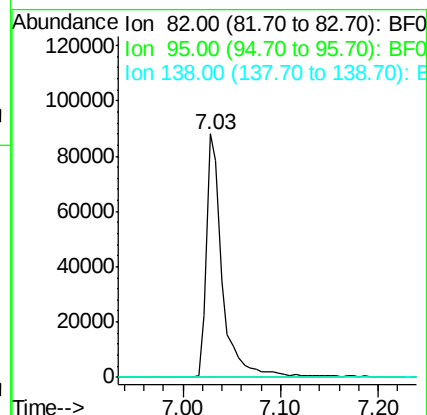
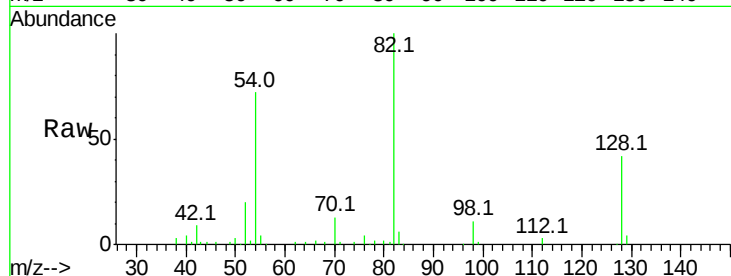
Tot Ion: 82 Resp: 99865

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: 9.49 min Scan# 1293

Delta R.T. -0.00 min

Lab File: BF097265.D

Acq: 2 Aug 2017 10:14

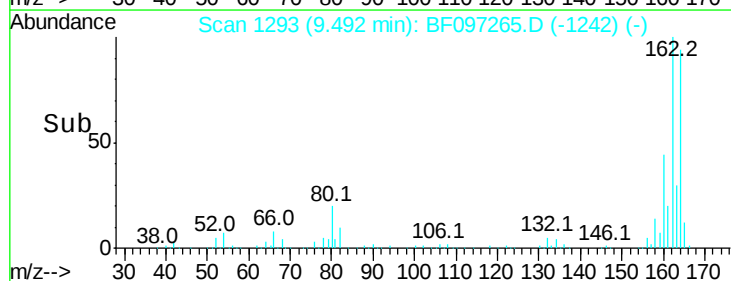
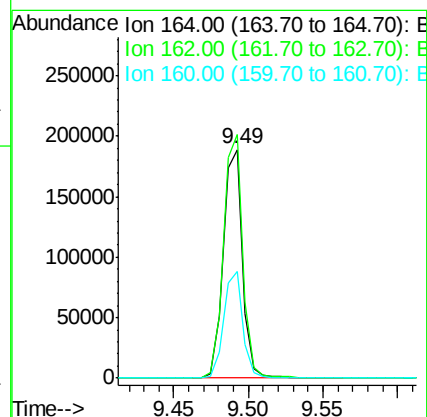
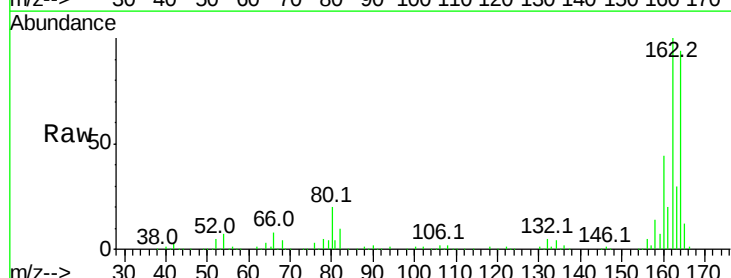
Tgt Ion:164 Resp: 171589

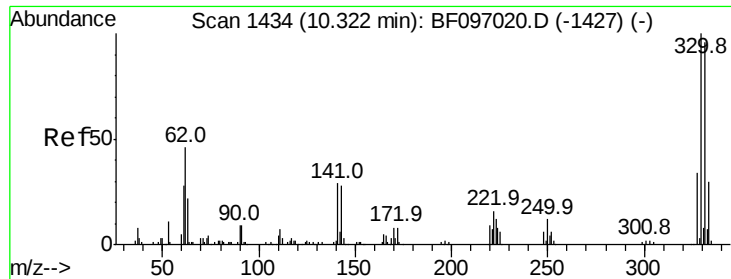
Ion Ratio Lower Upper

164 100

162 106.5 82.6 123.8

160 46.9 36.2 54.2

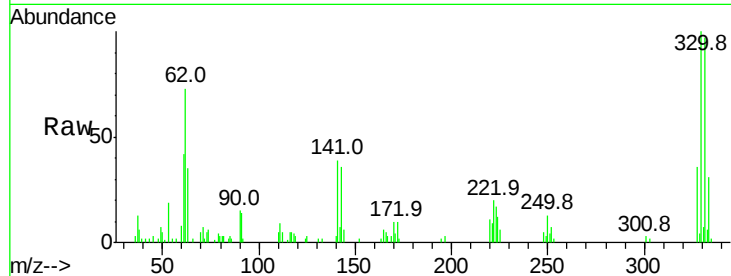




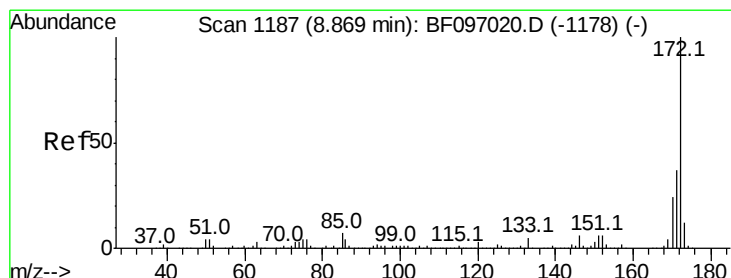
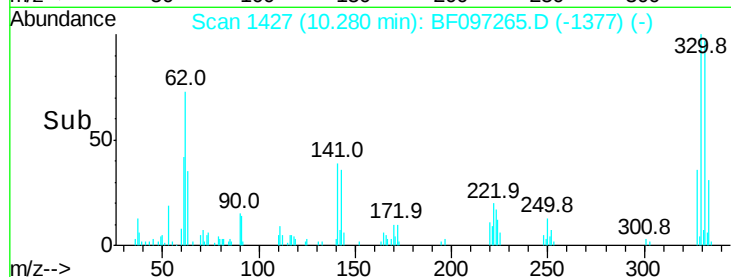
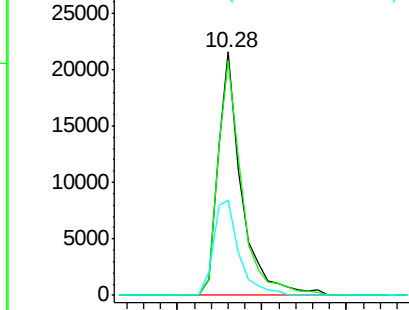
#41
 2,4,6-Tribromophenol
 Concen: 15.446 ng
 RT: 10.28 min Scan# 1427
 Delta R.T. -0.01 min
 Lab File: BF097265.D
 Acq: 2 Aug 2017 10:14

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.4	76.6	115.0
141	42.7	31.4	47.2

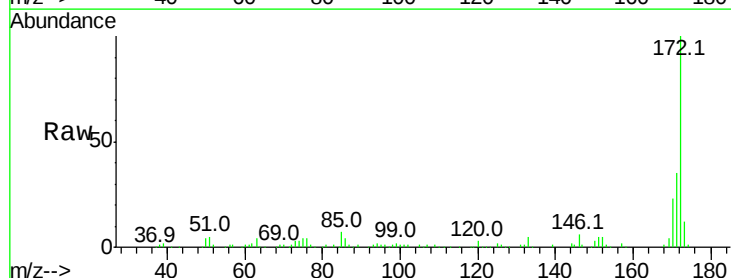


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

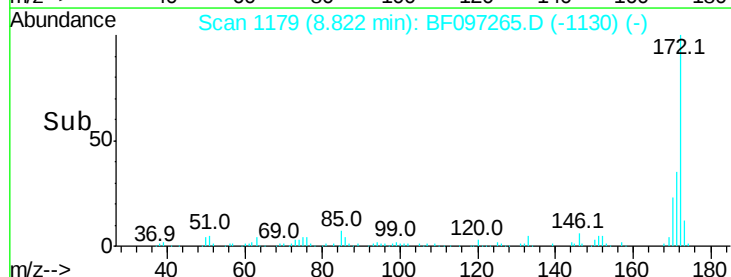
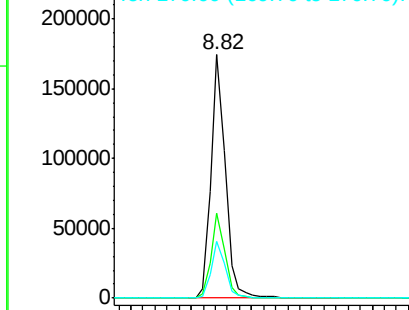


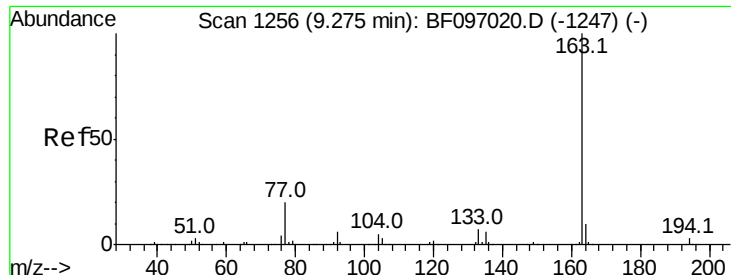
#44
 2-Fluorobiphenyl
 Concen: 14.190 ng
 RT: 8.82 min Scan# 1179
 Delta R.T. -0.01 min
 Lab File: BF097265.D
 Acq: 2 Aug 2017 10:14

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.6	29.6	44.4
170	23.3	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

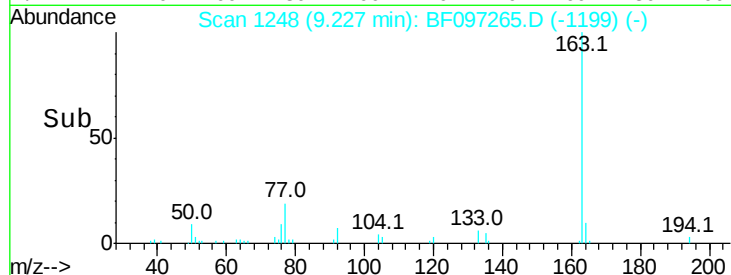
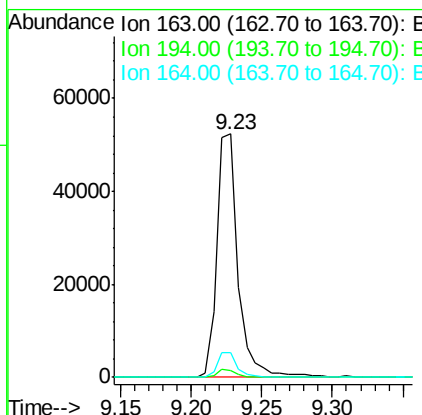
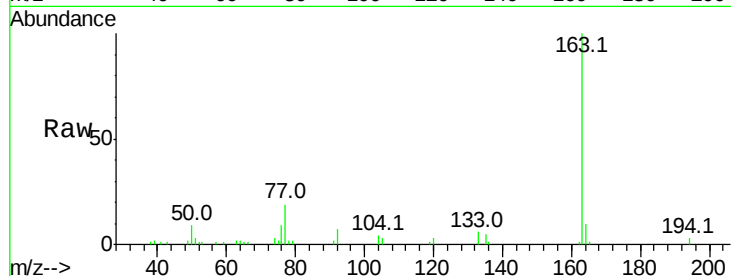




#49
Dimethylphthalate
Concen: 4.191 ng
RT: 9.23 min Scan# 1248
Delta R.T. -0.01 min
Lab File: BF097265.D
Acq: 2 Aug 2017 10:14

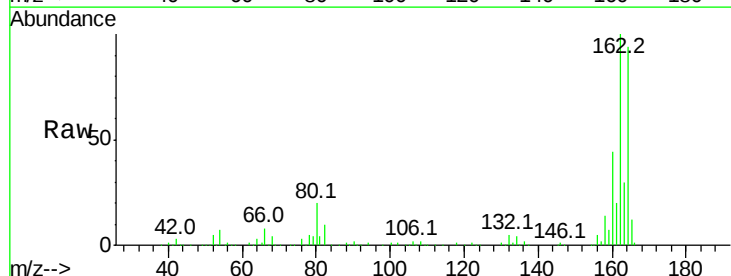
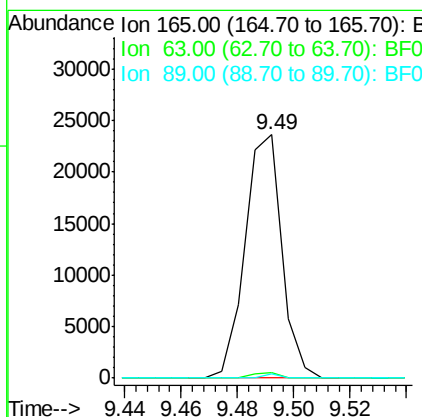
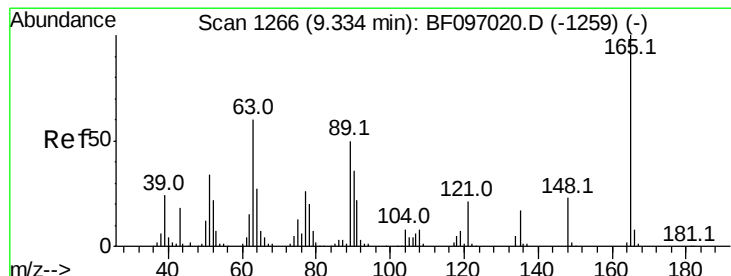
Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 54610
Ion Ratio Lower Upper
163 100
194 2.7 2.6 4.0
164 9.9 8.4 12.6



#50
2,6-Dinitrotoluene
Concen: 7.720 ng
RT: 9.49 min Scan# 1293
Delta R.T. 0.19 min
Lab File: BF097265.D
Acq: 2 Aug 2017 10:14

Tgt Ion:165 Resp: 21334
Ion Ratio Lower Upper
165 100
63 2.2 34.3 51.5#
89 1.6 37.1 55.7#

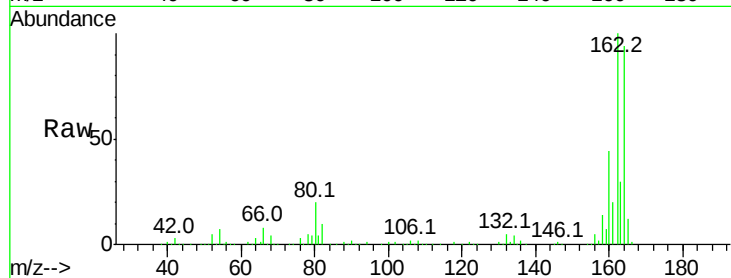




#56
 2,4-Dinitrotoluene
 Concen: 6.715 ng
 RT: 9.49 min Scan# 1293
 Delta R.T. -0.21 min
 Lab File: BF097265.D
 Acq: 2 Aug 2017 10:14

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	2.2	25.4	38.0#
89	1.6	46.4	69.6#
182	0.0	1.8	2.6#

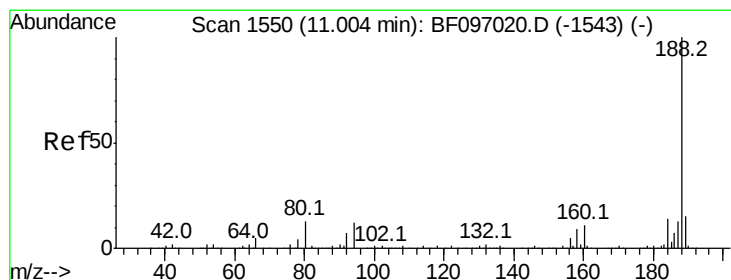
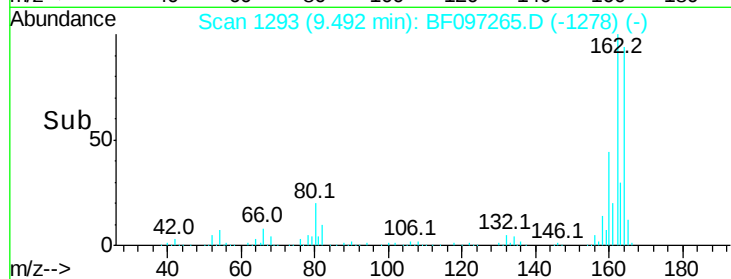
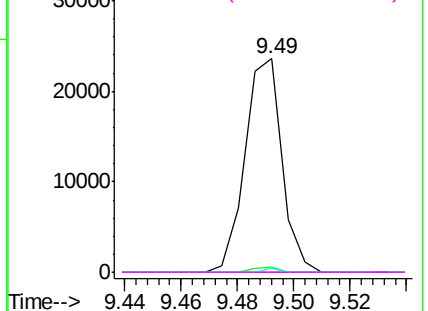


Abundance Ion 165.00 (164.70 to 165.70): E

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



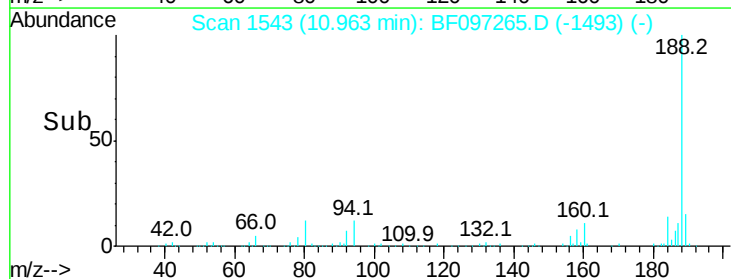
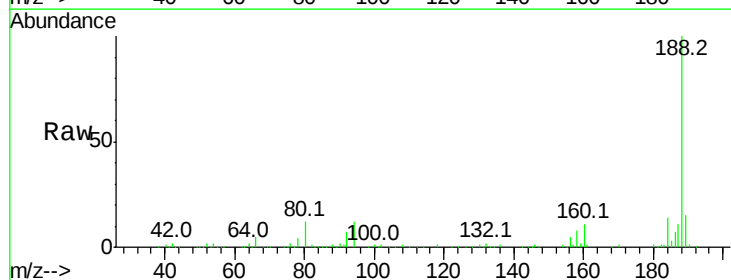
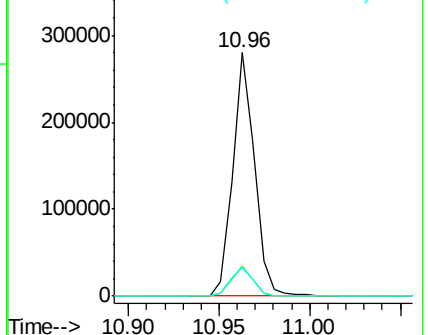
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 10.96 min Scan# 1543
 Delta R.T. -0.01 min
 Lab File: BF097265.D
 Acq: 2 Aug 2017 10:14

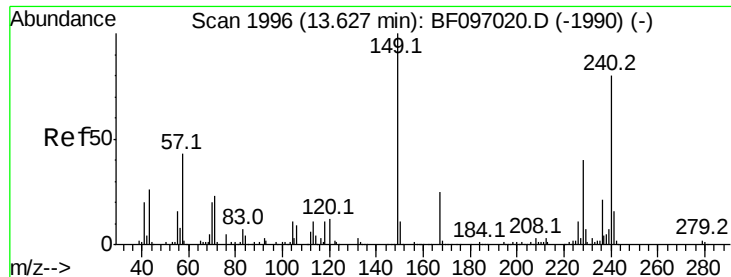
Tgt Ion	Ratio	Lower	Upper
188	100		
94	12.2	9.4	14.2
80	11.8	10.2	15.2

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





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.59 min Scan# 1989

Delta R.T. -0.01 min

Lab File: BF097265.D

Acq: 2 Aug 2017 10:14

Instrument :

BNA_F

ClientSampleId :

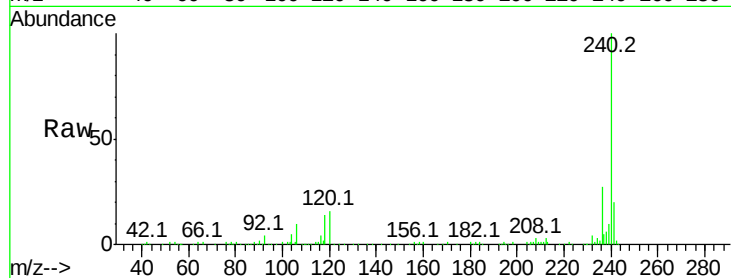
Tot Ion:240 Resp: 218128

Ion Ratio Lower Upper

240 100

120 16.2 5.8 8.8#

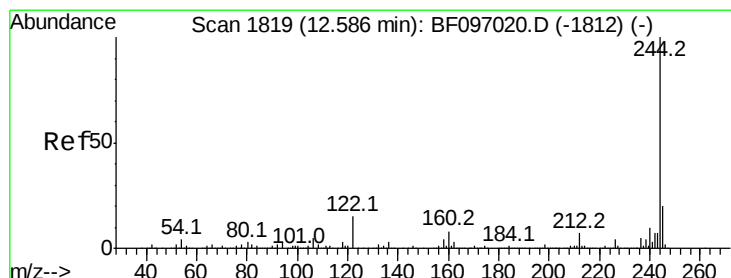
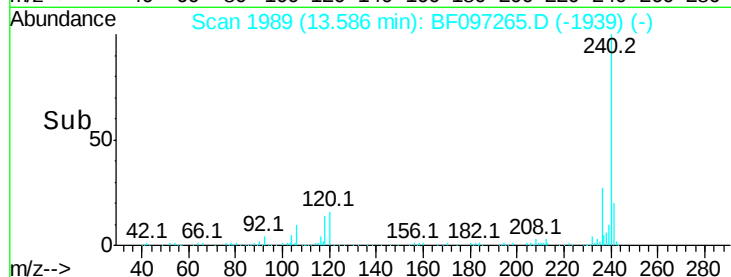
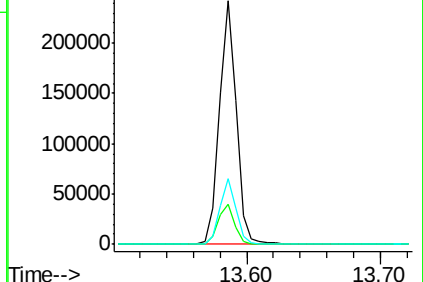
236 26.9 20.5 30.7



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: 6.725 ng

RT: 12.54 min Scan# 1812

Delta R.T. -0.01 min

Lab File: BF097265.D

Acq: 2 Aug 2017 10:14

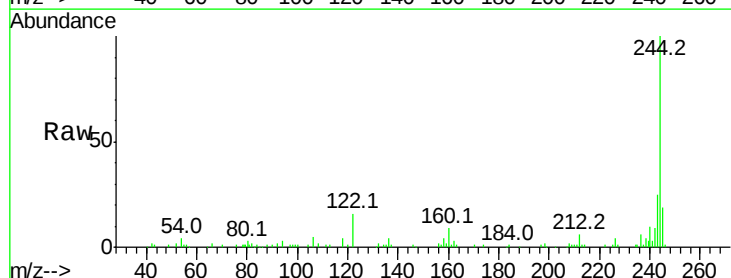
Tgt Ion:244 Resp: 71945

Ion Ratio Lower Upper

244 100

212 6.4 6.0 9.0

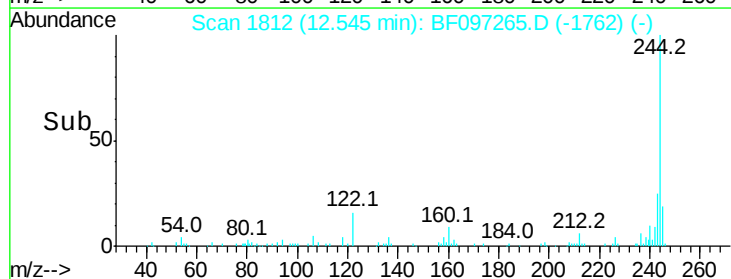
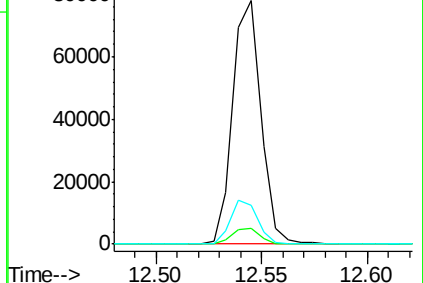
122 16.0 10.3 15.5#

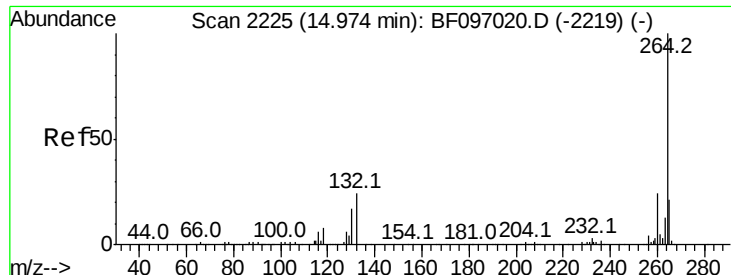


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

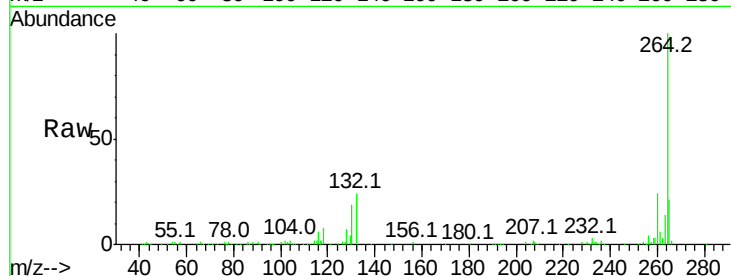




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 14.93 min Scan# 2218
 Delta R.T. -0.00 min
 Lab File: BF097265.D
 Acq: 2 Aug 2017 10:14

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.5	29.3
265	21.2	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

