

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032317\
 Data File : BF093878.D
 Acq On : 23 Mar 2017 14:56
 Operator : SJ/MA
 Sample : PB97768BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB97768BL

Quant Time: Mar 24 01:04:17 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 23 02:02:22 2017
 Response via : Initial Calibration

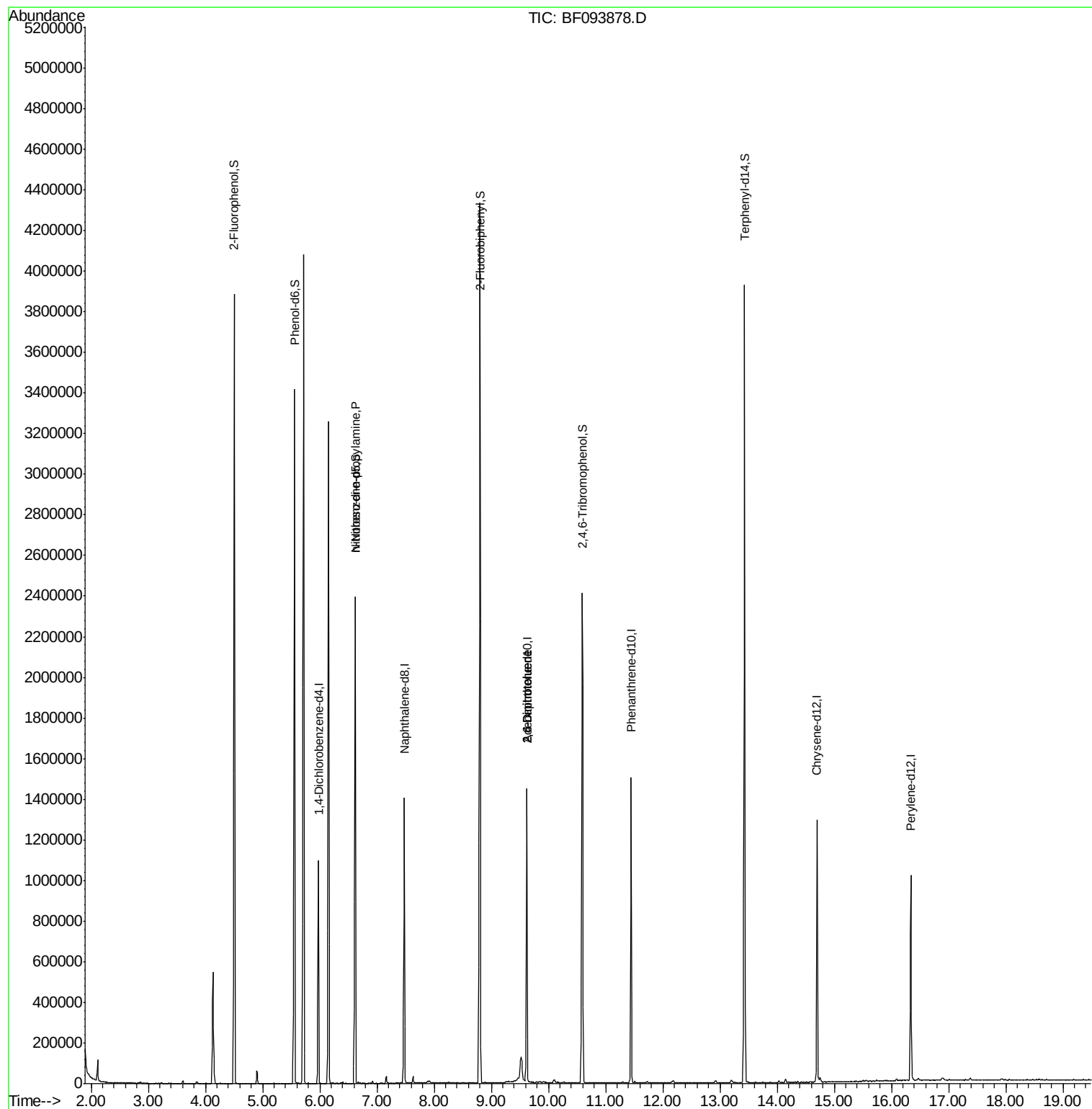
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.97	152	180171	20.00	ng	-0.01
21) Naphthalene-d8	7.47	136	735616	20.00	ng	-0.02
38) Acenaphthene-d10	9.62	164	335691	20.00	ng	-0.02
63) Phenanthrene-d10	11.45	188	614142	20.00	ng	-0.02
75) Chrysene-d12	14.70	240	533562	20.00	ng	-0.01
86) Perylene-d12	16.34	264	417607	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	4.50	112	1295561	121.45	ng	0.00
7) Phenol-d6	5.56	99	1618450	122.64	ng	-0.01
23) Nitrobenzene-d5	6.62	82	984262	76.36	ng	-0.02
41) 2,4,6-Tribromophenol	10.59	330	353521	133.27	ng	-0.02
44) 2-Fluorobiphenyl	8.80	172	1778892	80.83	ng	-0.02
78) Terphenyl-d14	13.43	244	1575670	66.19	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	6.62	70	129171	15.23	ng	# 77
50) 2,6-Dinitrotoluene	9.62	165	42157	7.71	ng	# 34
56) 2,4-Dinitrotoluene	9.62	165	42158	6.14	ng	# 33

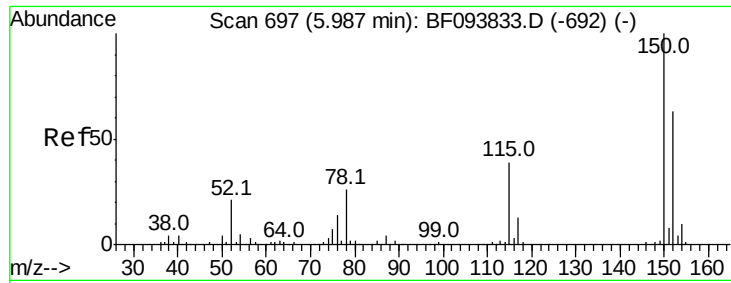
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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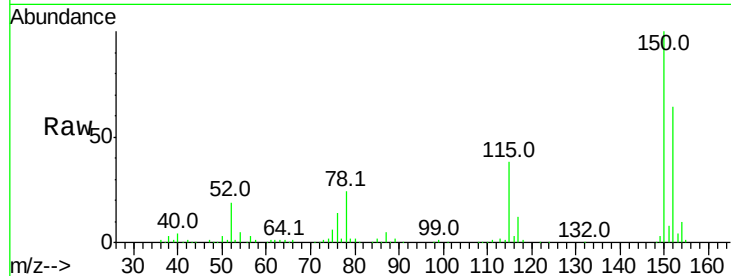


#1

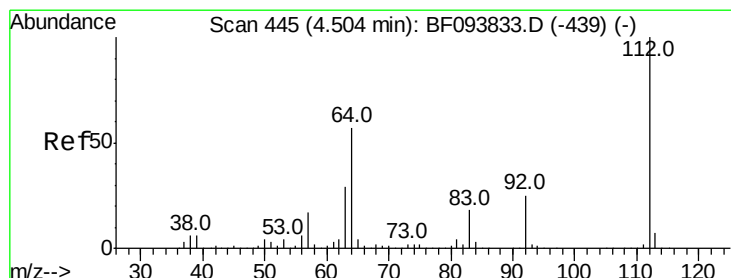
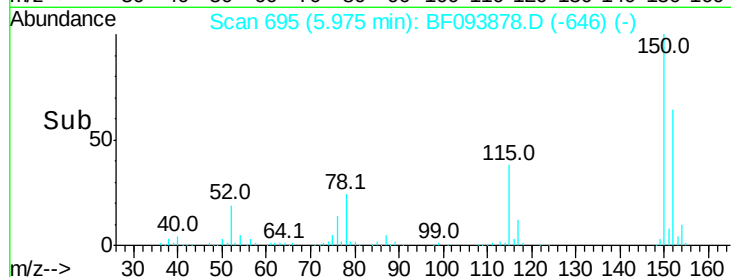
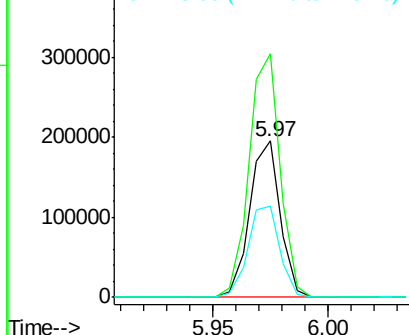
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.97 min Scan# 695
Delta R.T. -0.01 min
Lab File: BF093878.D
Acq: 23 Mar 2017 14:56

Instrument :
BNA_F
ClientSampleId :
PB97768BL

Tot Ion:152 Resp: 180171
Ion Ratio Lower Upper
152 100
150 155.8 126.2 189.2
115 58.8 52.2 78.2



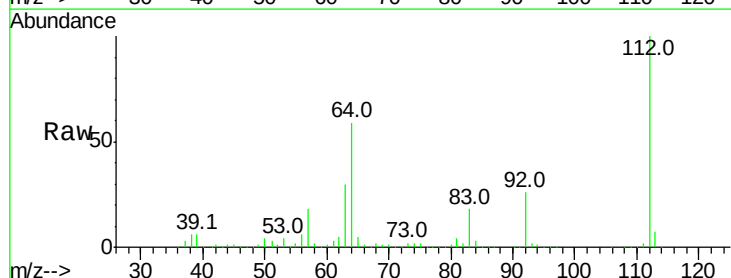
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



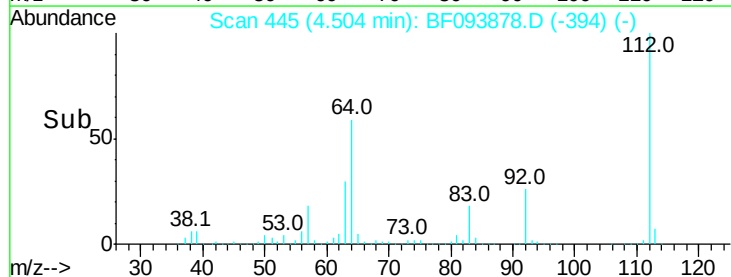
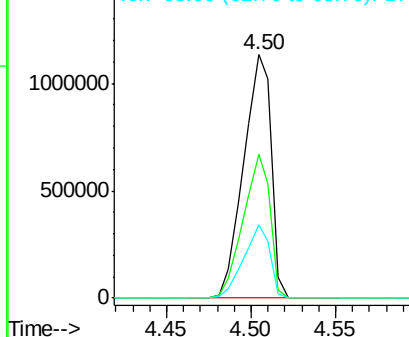
#5

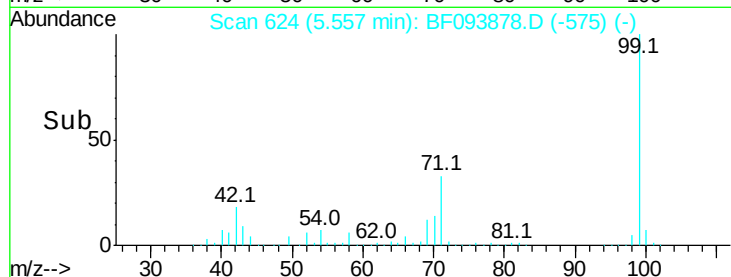
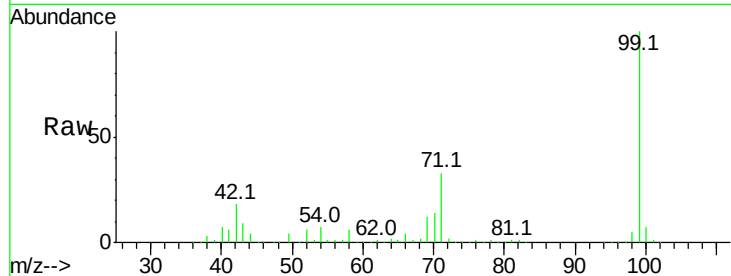
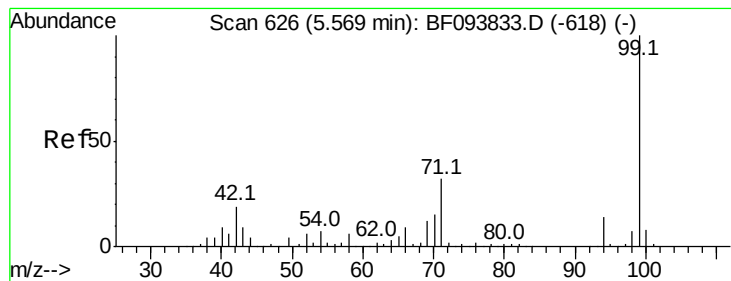
2-Fluorophenol
Concen: 121.45 ng
RT: 4.50 min Scan# 445
Delta R.T. 0.00 min
Lab File: BF093878.D
Acq: 23 Mar 2017 14:56

Tgt Ion:112 Resp: 1295561
Ion Ratio Lower Upper
112 100
64 59.2 46.0 69.0
63 30.0 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: 122.64 ng

RT: 5.56 min Scan# 624

Delta R.T. -0.01 min

Lab File: BF093878.D

Acq: 23 Mar 2017 14:56

Instrument :

BNA_F

ClientSampleId :

PB97768BL

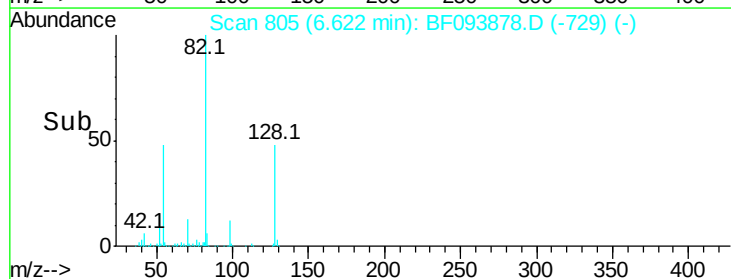
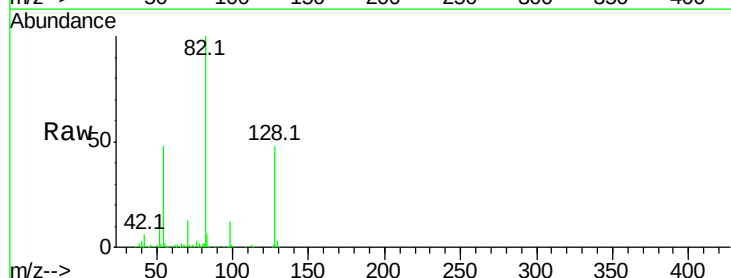
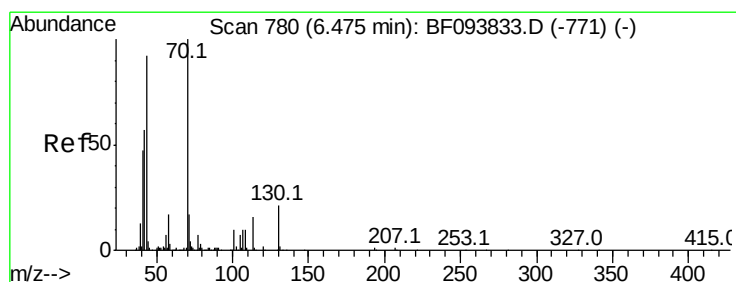
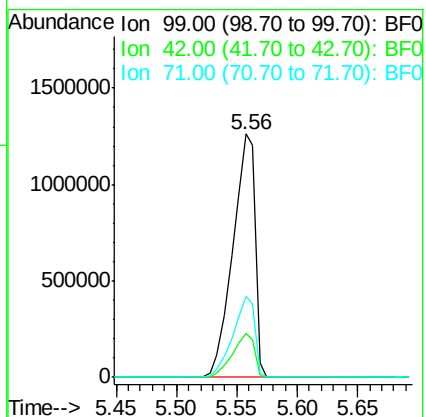
Tot Ion: 99 Resp: 1618450

Ion Ratio Lower Upper

99 100

42 18.1 13.5 20.3

71 33.1 24.5 36.7



#19

n-Nitroso-di-n-propylamine

Concen: 15.23 ng

RT: 6.62 min Scan# 805

Delta R.T. 0.15 min

Lab File: BF093878.D

Acq: 23 Mar 2017 14:56

Tgt Ion: 70 Resp: 129171

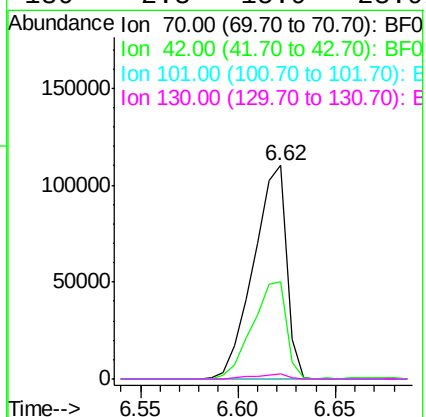
Ion Ratio Lower Upper

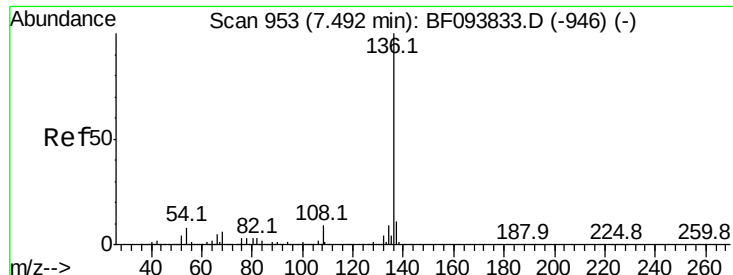
70 100

42 45.8 47.2 70.8#

101 0.0 7.2 10.8#

130 2.3 15.9 23.9#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.47 min Scan# 950

Delta R.T. -0.02 min

Lab File: BF093878.D

Acq: 23 Mar 2017 14:56

Instrument :

BNA_F

ClientSampleId :

PB97768BL

Tot Ion:136 Resp: 735616

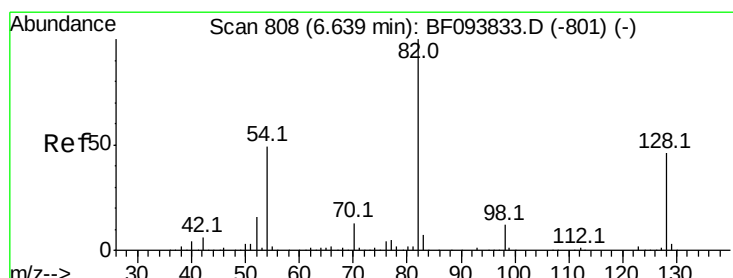
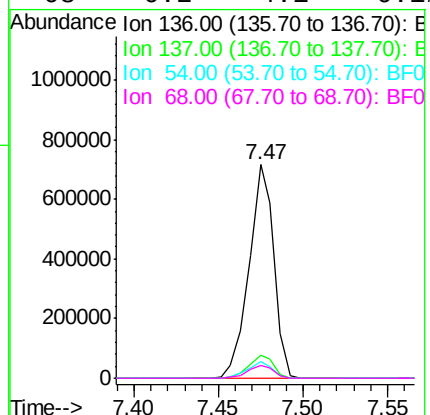
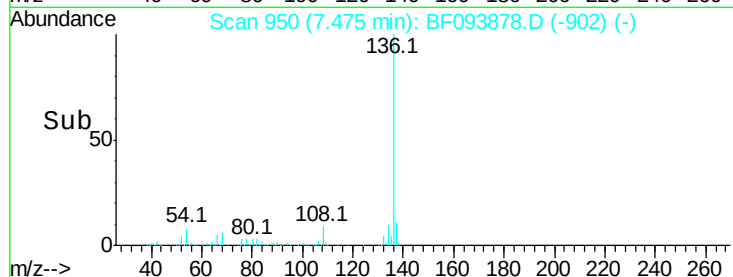
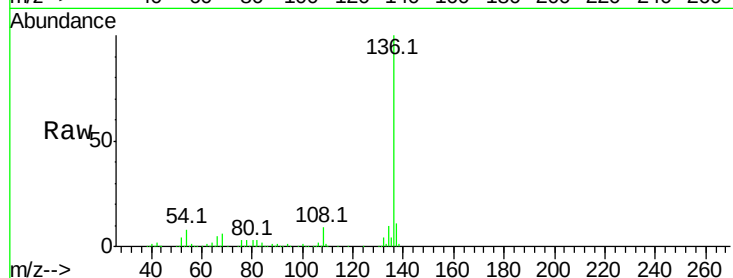
Ion Ratio Lower Upper

136 100

137 11.1 8.5 12.7

54 8.1 4.9 7.3#

68 6.2 4.1 6.1#



#23

Nitrobenzene-d5

Concen: 76.36 ng

RT: 6.62 min Scan# 805

Delta R.T. -0.02 min

Lab File: BF093878.D

Acq: 23 Mar 2017 14:56

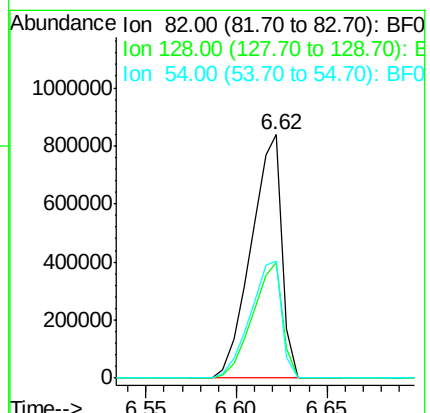
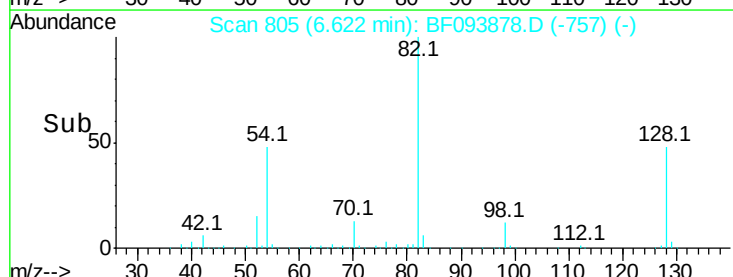
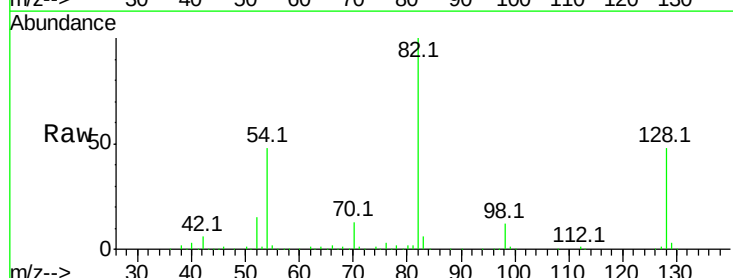
Tgt Ion: 82 Resp: 984262

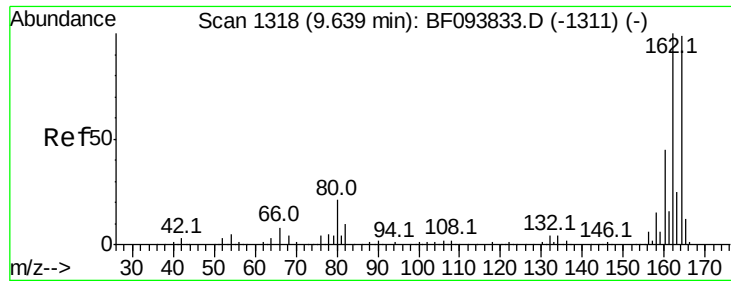
Ion Ratio Lower Upper

82 100

128 47.6 34.0 51.0

54 48.0 42.2 63.2

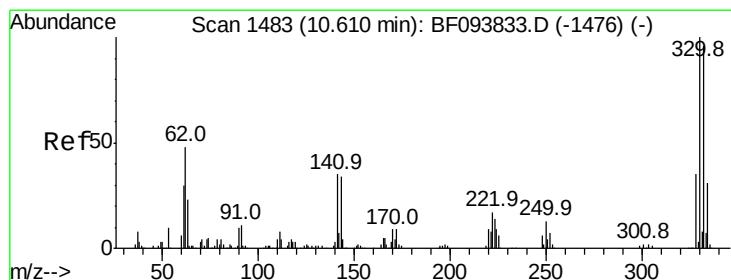
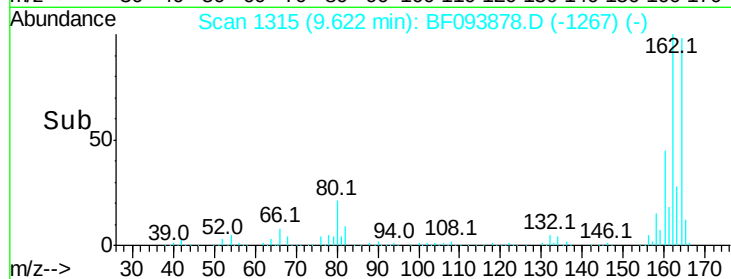
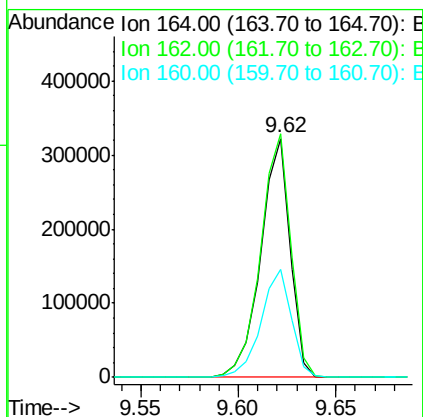
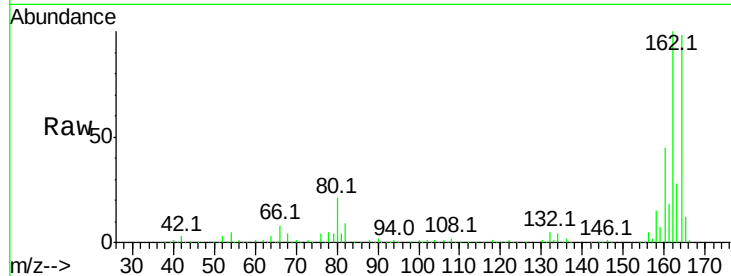




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.62 min Scan# 1315
Delta R.T. -0.02 min
Lab File: BF093878.D
Acq: 23 Mar 2017 14:56

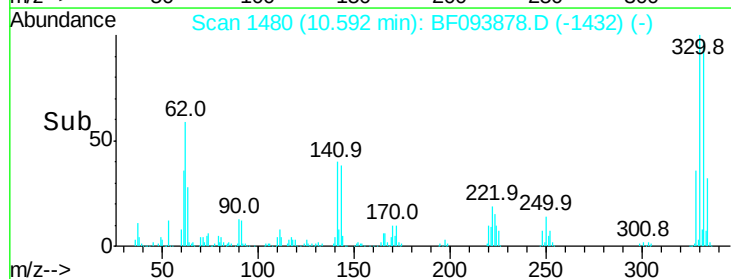
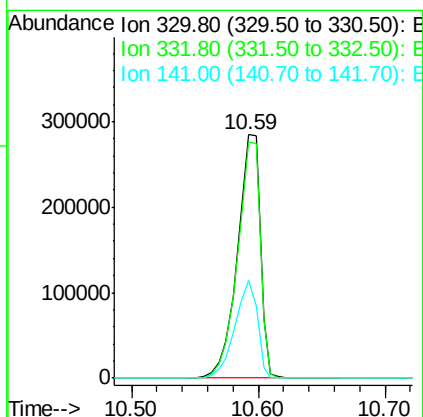
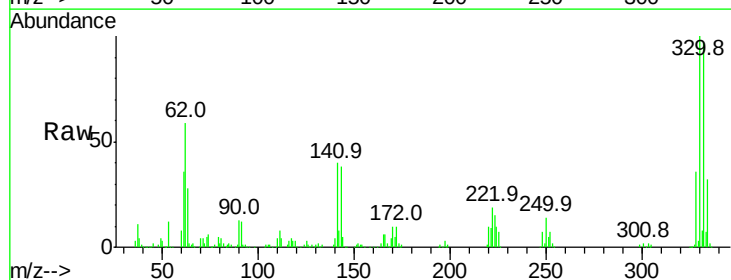
Instrument :
BNA_F
ClientSampleId :
PB97768BL

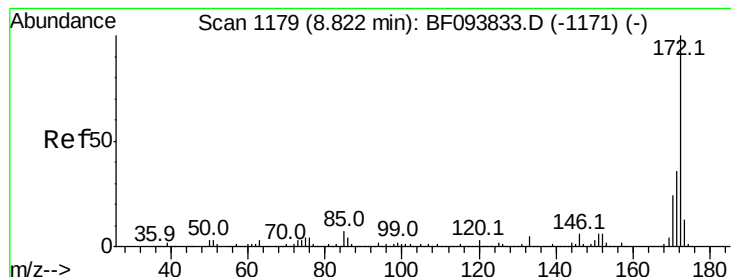
Tot Ion:164 Resp: 335691
Ion Ratio Lower Upper
164 100
162 102.0 82.6 123.8
160 45.5 36.2 54.2



#41
2,4,6-Tribromophenol
Concen: 133.27 ng
RT: 10.59 min Scan# 1480
Delta R.T. -0.02 min
Lab File: BF093878.D
Acq: 23 Mar 2017 14:56

Tgt Ion:330 Resp: 353521
Ion Ratio Lower Upper
330 100
332 96.5 76.6 115.0
141 39.3 31.4 47.2





#44

2-Fluorobiphenyl

Concen: 80.83 ng

RT: 8.80 min Scan# 1176

Delta R.T. -0.02 min

Lab File: BF093878.D

Acq: 23 Mar 2017 14:56

Instrument :

BNA_F

ClientSampleId :

PB97768BL

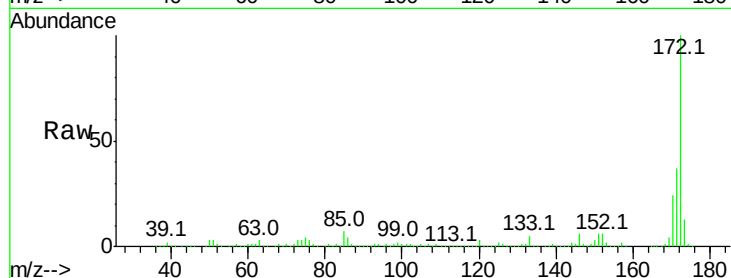
Tot Ion:172 Resp: 1778892

Ion Ratio Lower Upper

172 100

171 36.8 29.6 44.4

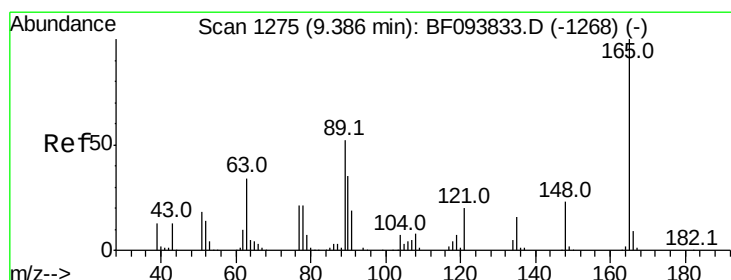
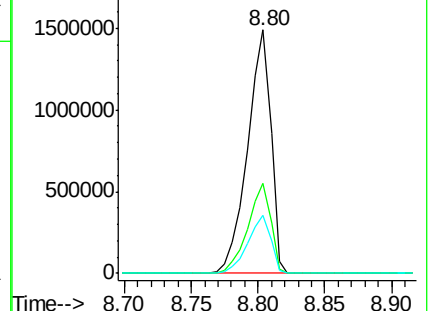
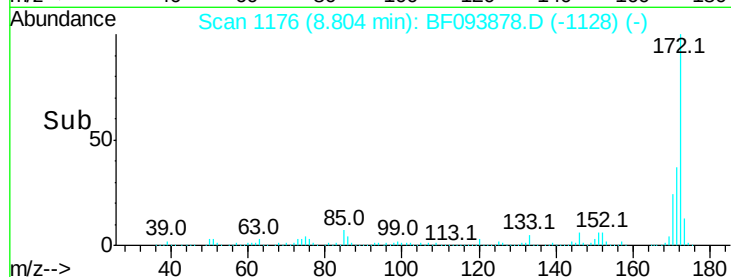
170 24.1 19.8 29.8



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: 7.71 ng

RT: 9.62 min Scan# 1315

Delta R.T. 0.24 min

Lab File: BF093878.D

Acq: 23 Mar 2017 14:56

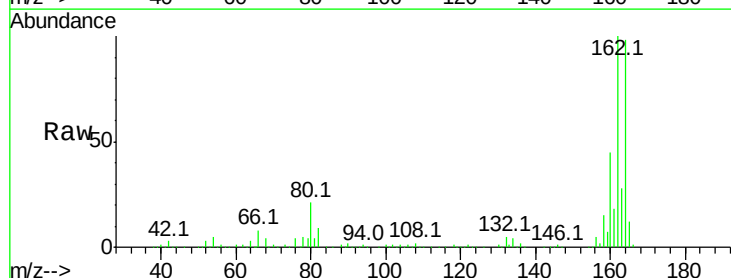
Tgt Ion:165 Resp: 42157

Ion Ratio Lower Upper

165 100

63 1.6 34.3 51.5#

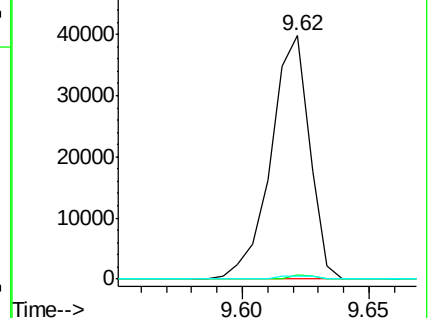
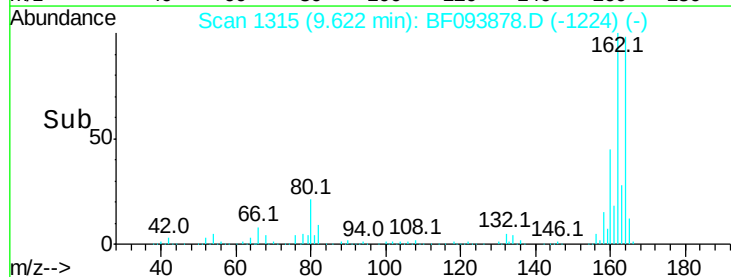
89 1.3 37.1 55.7#

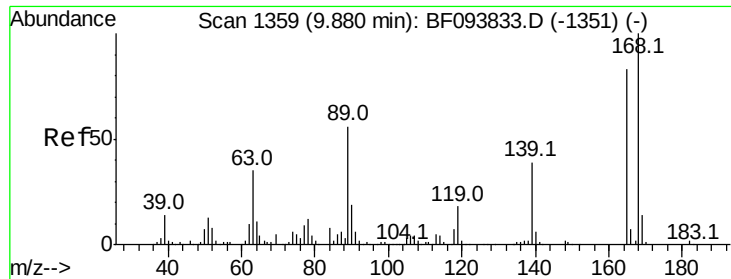


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

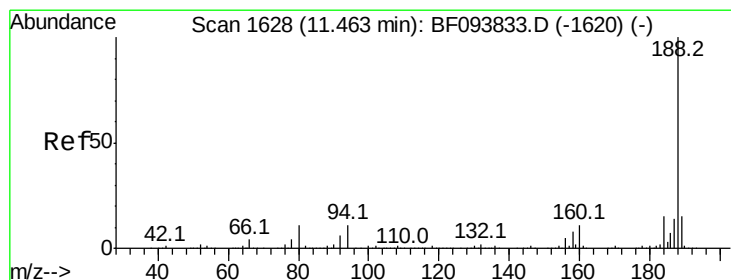
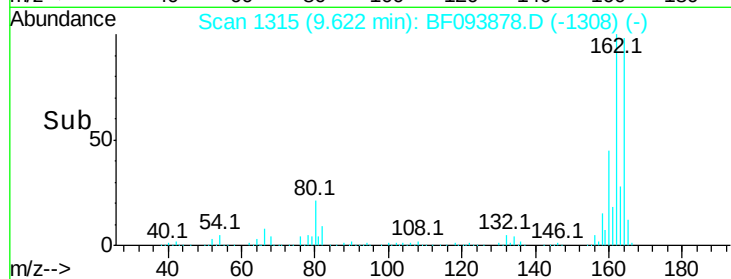
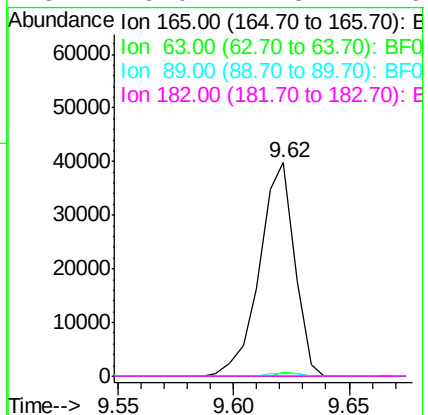
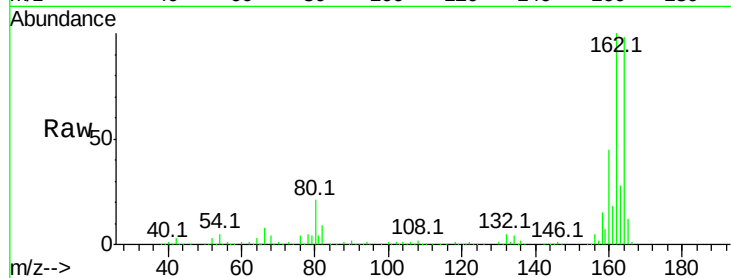




#56
 2,4-Dinitrotoluene
 Concen: 6.14 ng
 RT: 9.62 min Scan# 1315
 Delta R.T. -0.26 min
 Lab File: BF093878.D
 Acq: 23 Mar 2017 14:56

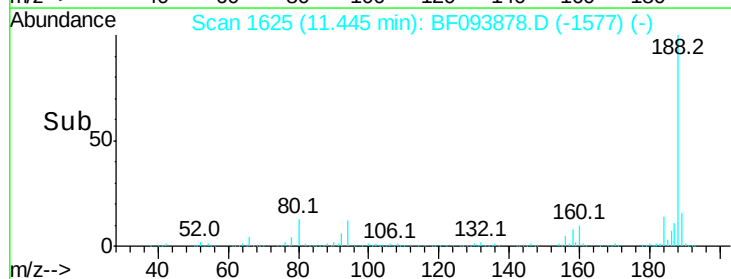
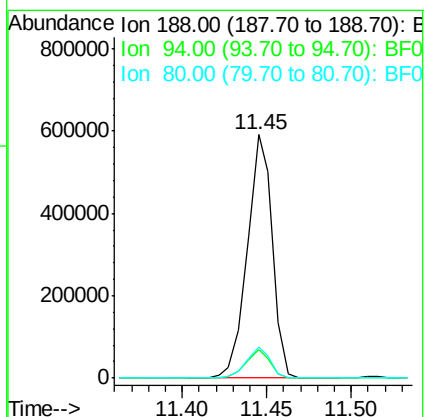
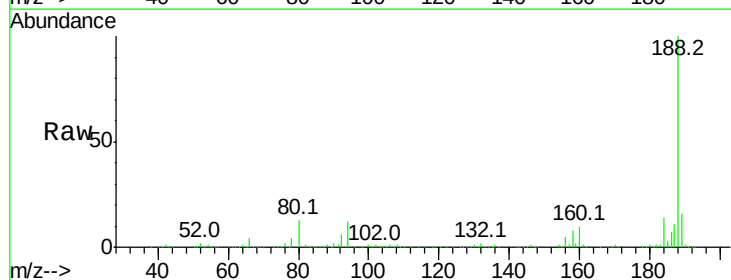
Instrument :
 BNA_F
 ClientSampleId :
 PB97768BL

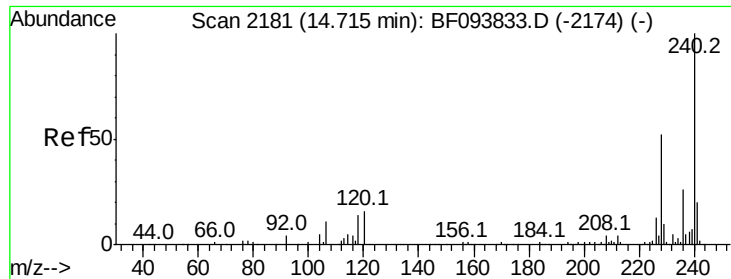
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.6	25.4	38.0#
89	1.3	46.4	69.6#
182	0.0	1.8	2.6#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.45 min Scan# 1625
 Delta R.T. -0.02 min
 Lab File: BF093878.D
 Acq: 23 Mar 2017 14:56

Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.6	9.4	14.2
80	12.6	10.2	15.2





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.70 min Scan# 2179

Delta R.T. -0.01 min

Lab File: BF093878.D

Acq: 23 Mar 2017 14:56

Instrument :

BNA_F

ClientSampleId :

PB97768BL

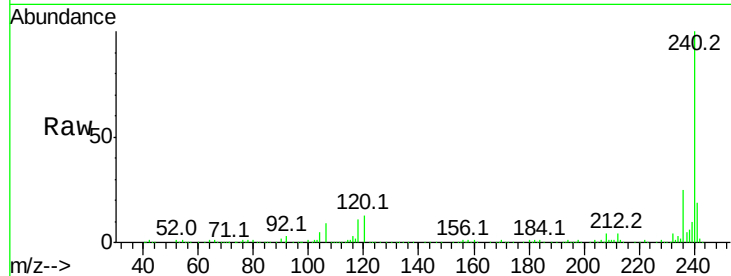
Tot Ion:240 Resp: 533562

Ion Ratio Lower Upper

240 100

120 13.3 5.8 8.8#

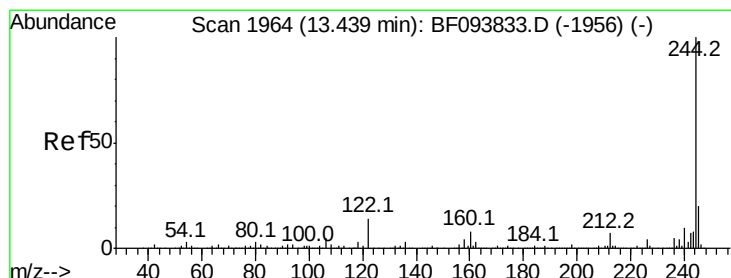
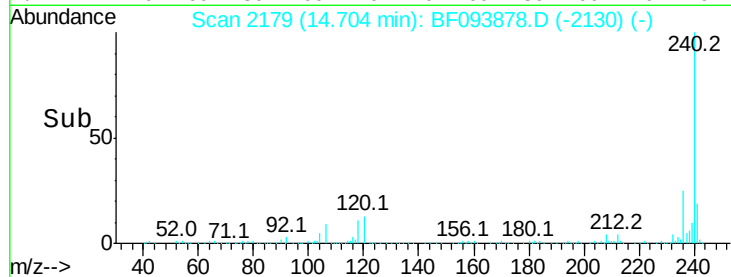
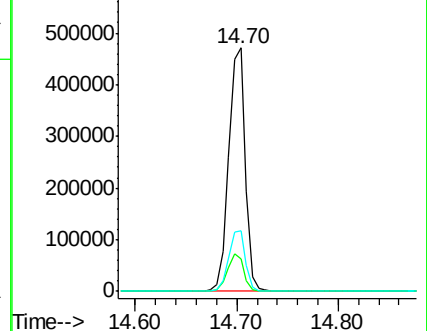
236 24.8 20.5 30.7



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: 66.19 ng

RT: 13.43 min Scan# 1963

Delta R.T. -0.01 min

Lab File: BF093878.D

Acq: 23 Mar 2017 14:56

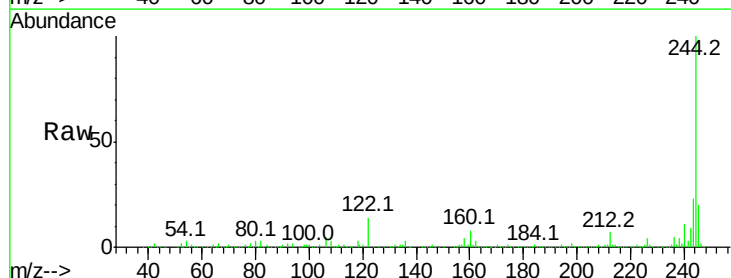
Tgt Ion:244 Resp: 1575670

Ion Ratio Lower Upper

244 100

212 7.3 6.0 9.0

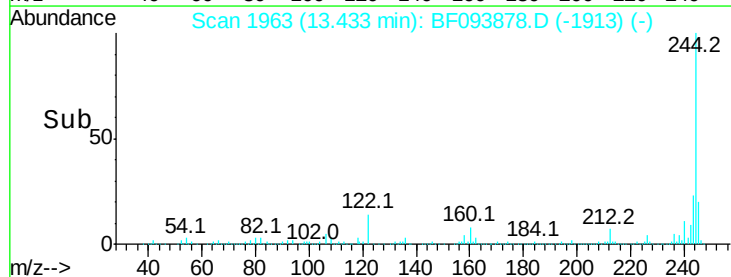
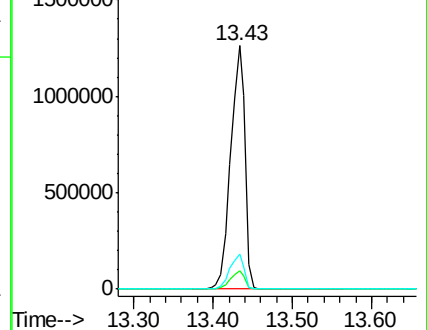
122 14.2 10.3 15.5

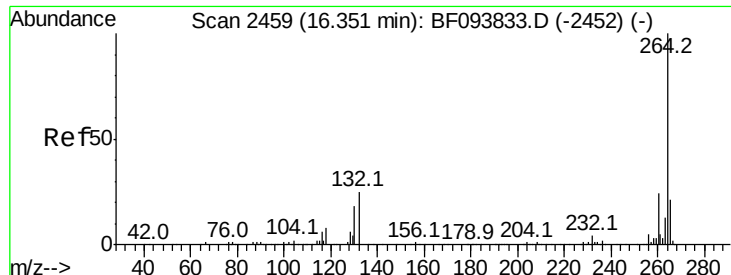


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

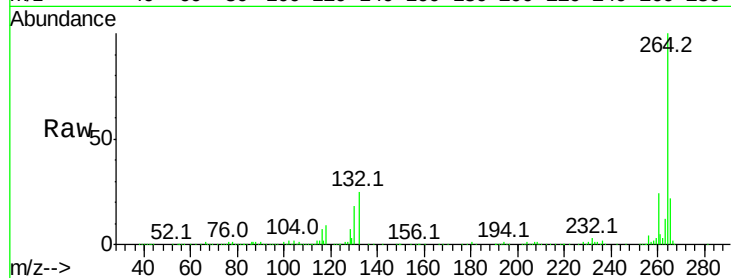




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 16.34 min Scan# 2457
 Delta R.T. -0.01 min
 Lab File: BF093878.D
 Acq: 23 Mar 2017 14:56

Instrument :
 BNA_F
 ClientSampleId :
 PB97768BL

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.5	29.3
265	22.0	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

