

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032717\
 Data File : BF093950.D
 Acq On : 27 Mar 2017 19:05
 Operator : SJ/MA
 Sample : PB97837BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB97837BL

Quant Time: Mar 28 00:27:32 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 27 16:10:49 2017
 Response via : Initial Calibration

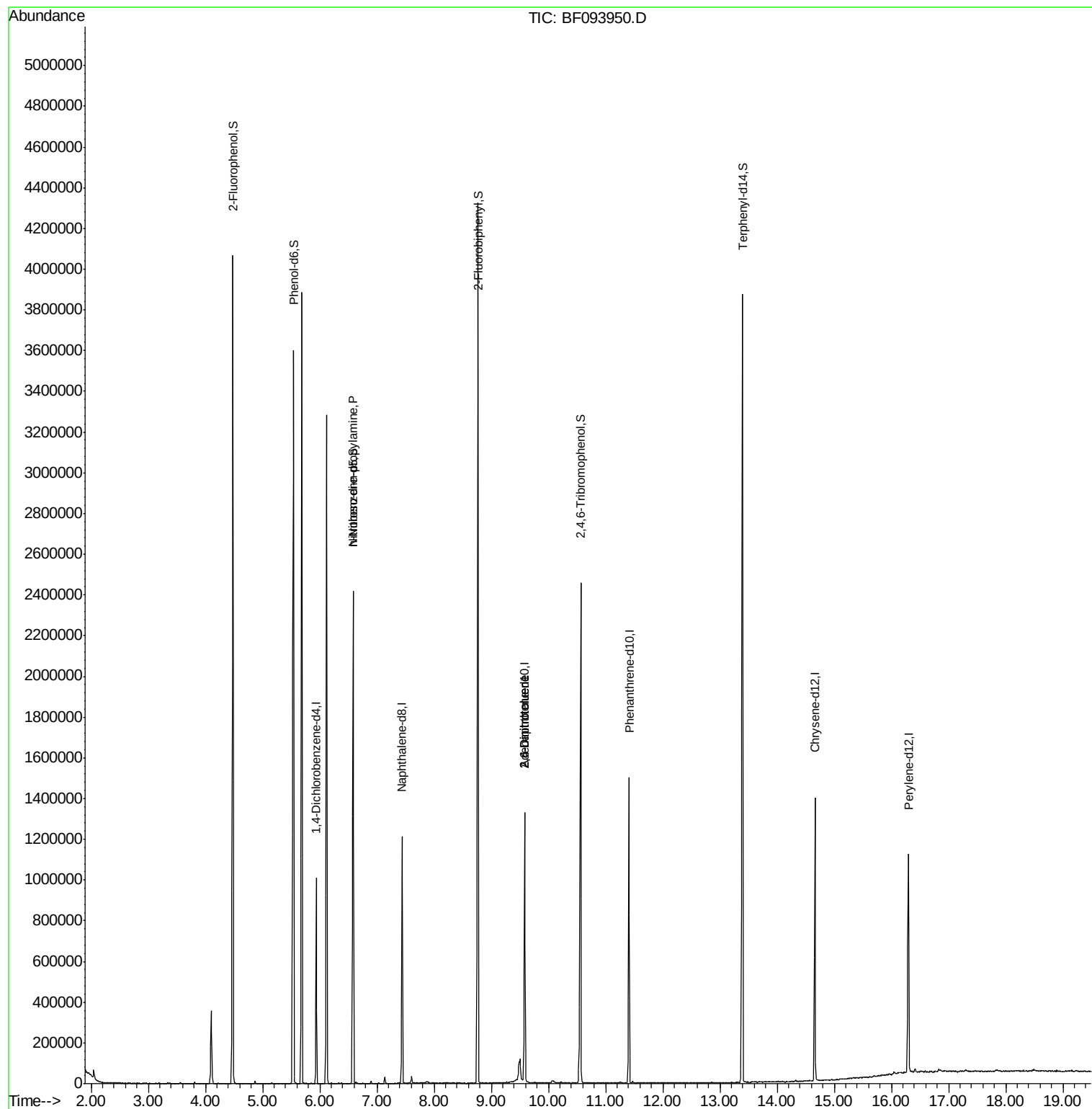
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.94	152	169086	20.00	ng	-0.01
21) Naphthalene-d8	7.44	136	667973	20.00	ng	-0.02
38) Acenaphthene-d10	9.59	164	308153	20.00	ng	-0.01
63) Phenanthrene-d10	11.41	188	571843	20.00	ng	-0.01
75) Chrysene-d12	14.66	240	534453	20.00	ng	-0.02
86) Perylene-d12	16.30	264	457576	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	4.48	112	1295556	129.41	ng	0.00
7) Phenol-d6	5.54	99	1616310	130.51	ng	-0.01
23) Nitrobenzene-d5	6.59	82	1004456	85.82	ng	-0.02
41) 2,4,6-Tribromophenol	10.56	330	373082	153.21	ng	-0.01
44) 2-Fluorobiphenyl	8.77	172	1812646	89.72	ng	-0.01
78) Terphenyl-d14	13.40	244	1687765	70.78	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	6.59	70	131729	16.55	ng	# 78
50) 2,6-Dinitrotoluene	9.59	165	39130	7.79	ng	# 34
56) 2,4-Dinitrotoluene	9.59	165	39130	6.20	ng	# 33

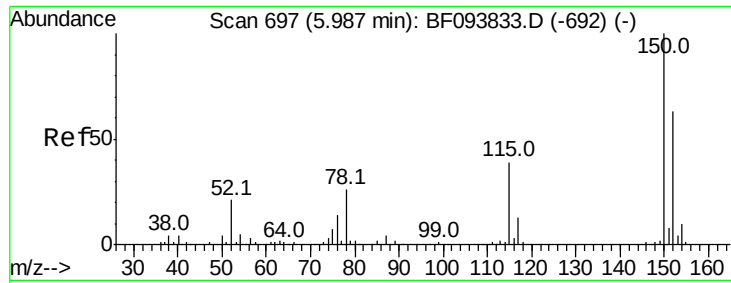
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 5.94 min Scan# 689

Delta R.T. -0.01 min

Lab File: BF093950.D

Acq: 27 Mar 2017 19:05

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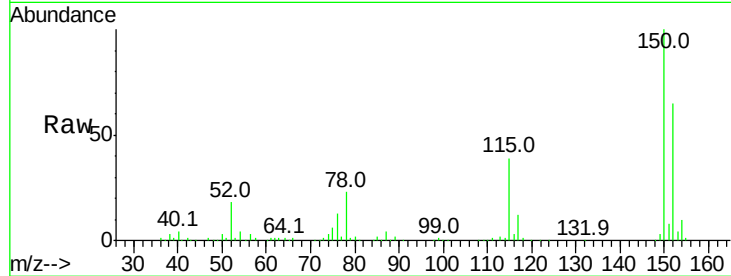
Tot Ion:152 Resp: 169086

Ion Ratio Lower Upper

152 100

150 152.9 126.2 189.2

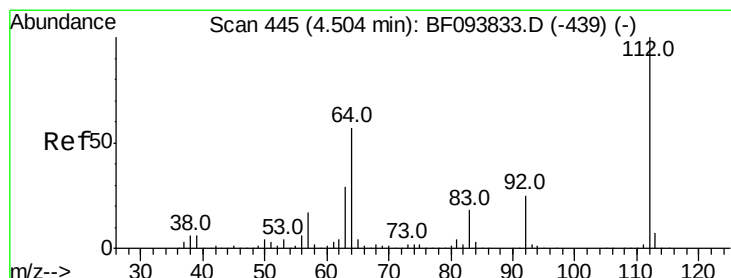
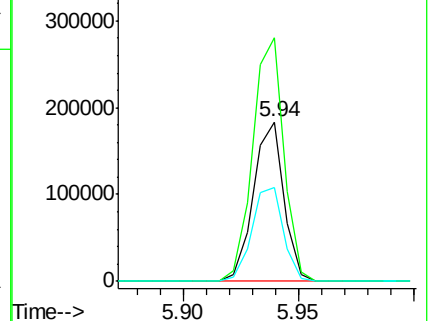
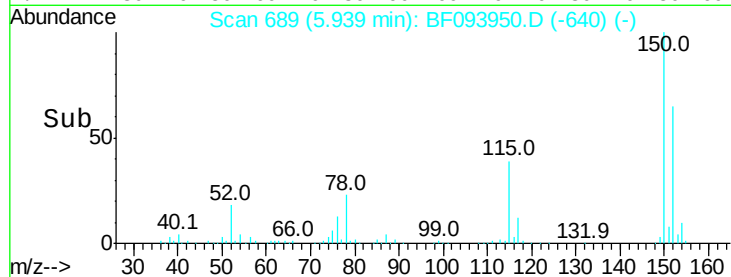
115 59.3 52.2 78.2



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: 129.41 ng

RT: 4.48 min Scan# 441

Delta R.T. 0.01 min

Lab File: BF093950.D

Acq: 27 Mar 2017 19:05

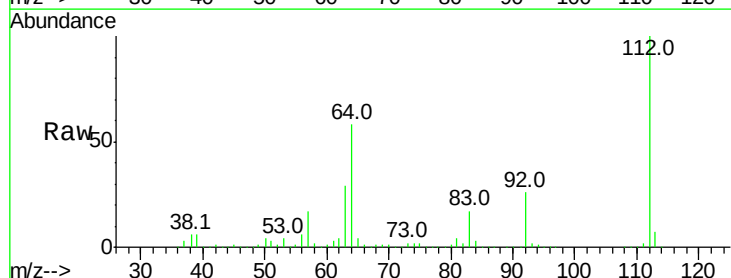
Tgt Ion:112 Resp: 1295556

Ion Ratio Lower Upper

112 100

64 57.6 46.0 69.0

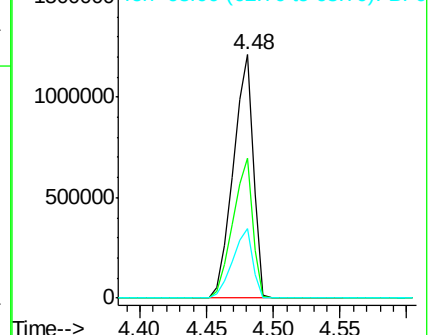
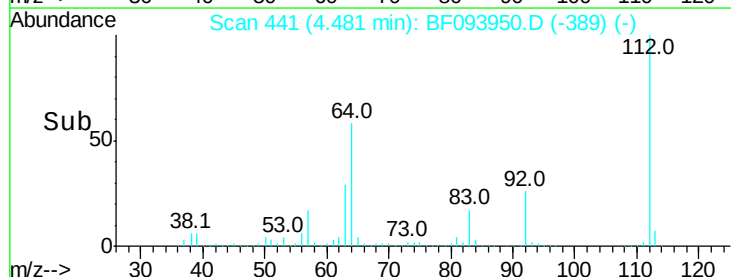
63 28.7 23.4 35.0

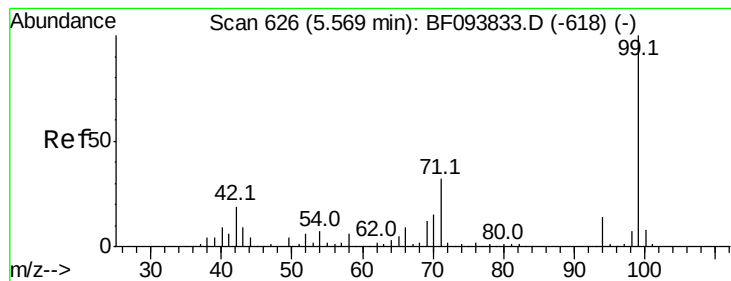


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 130.51 ng

RT: 5.54 min Scan# 621

Delta R.T. -0.01 min

Lab File: BF093950.D

Acq: 27 Mar 2017 19:05

Instrument :

BNA_F

ClientSampleId :

PB97837BL

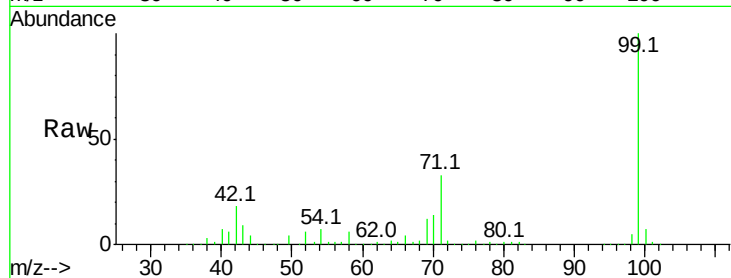
Tot Ion: 99 Resp: 1616310

Ion Ratio Lower Upper

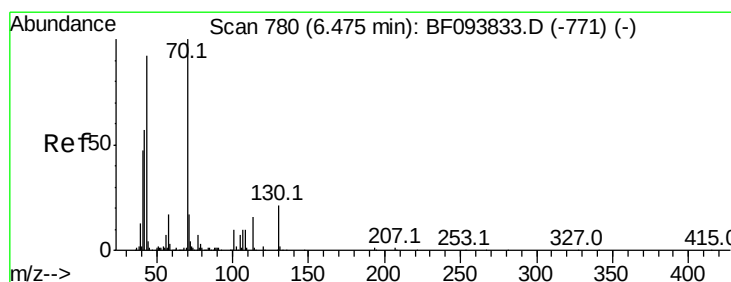
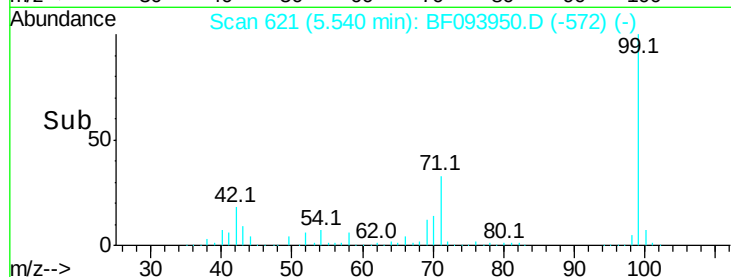
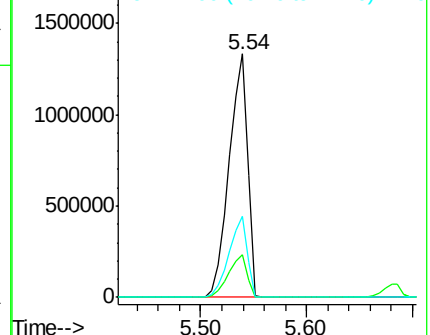
99 100

42 17.5 13.5 20.3

71 33.4 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: 16.55 ng

RT: 6.59 min Scan# 799

Delta R.T. 0.15 min

Lab File: BF093950.D

Acq: 27 Mar 2017 19:05

Tgt Ion: 70 Resp: 131729

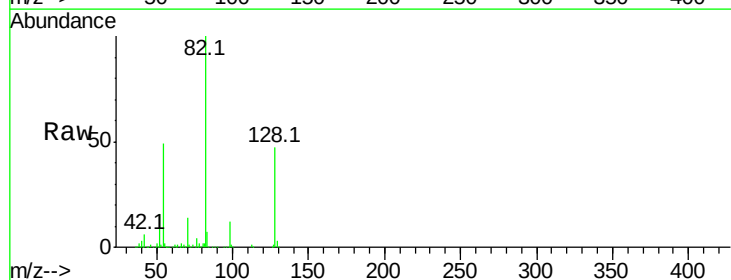
Ion Ratio Lower Upper

70 100

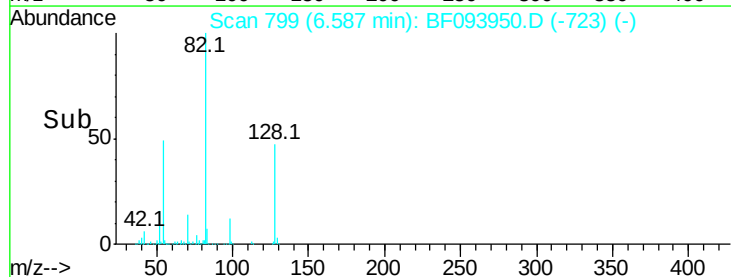
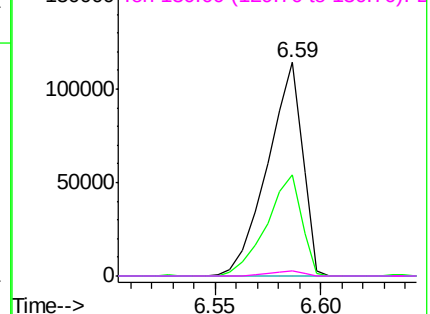
42 47.1 47.2 70.8#

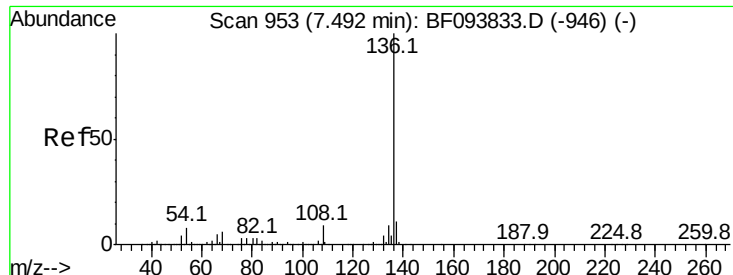
101 0.0 7.2 10.8#

130 2.4 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

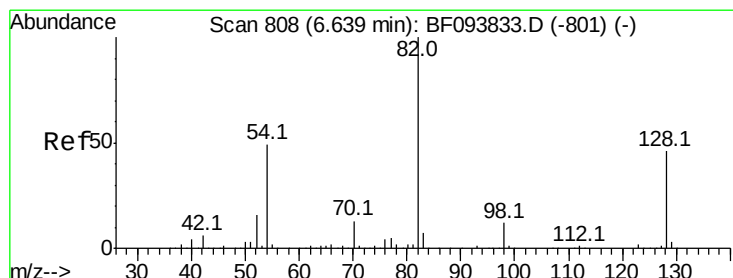
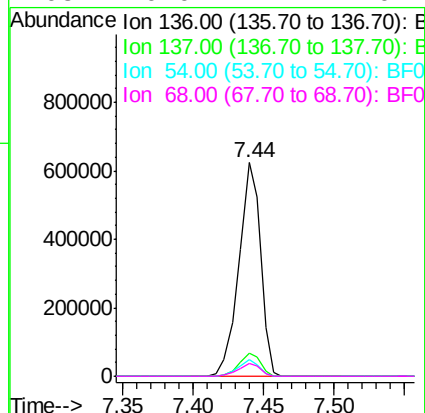
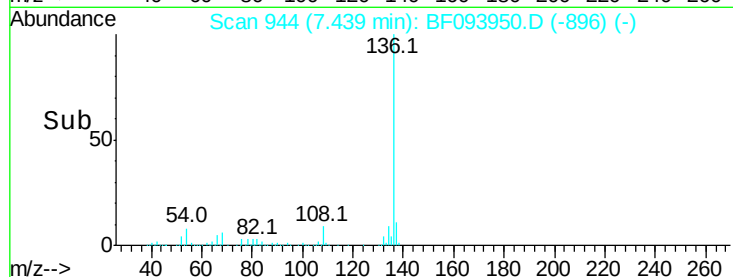
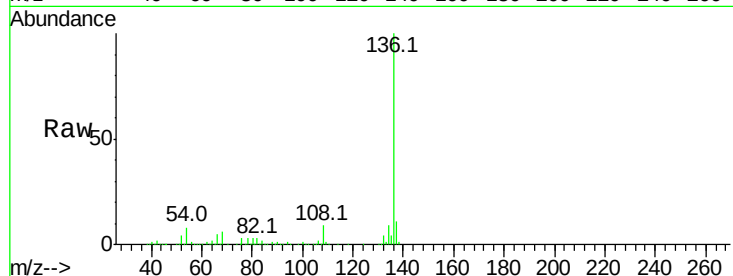




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.44 min Scan# 944
Delta R.T. -0.02 min
Lab File: BF093950.D
Acq: 27 Mar 2017 19:05

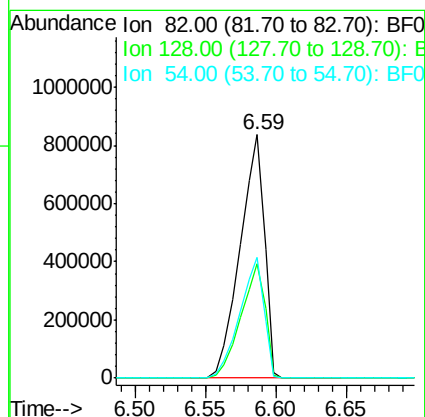
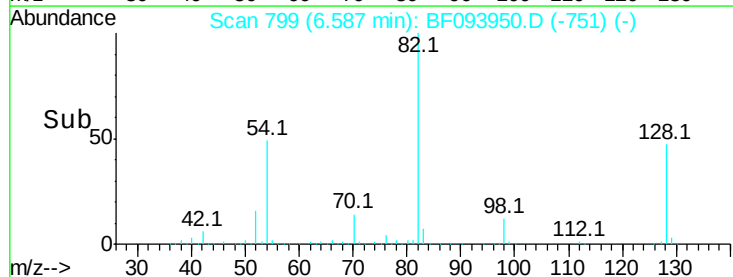
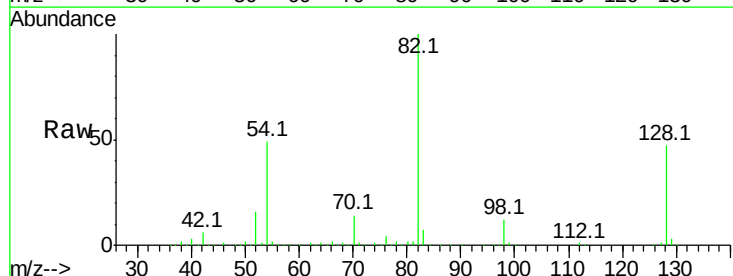
Instrument :
BNA_F
ClientSampleId :
PB97837BL

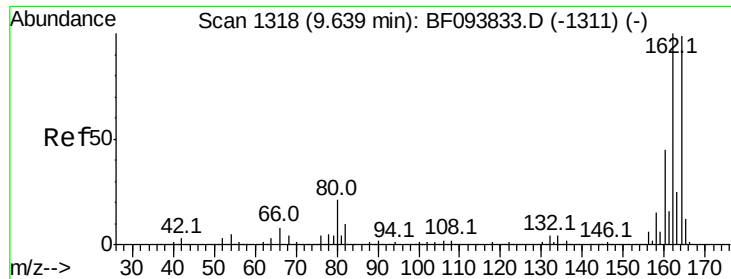
Tot Ion:136	Resp: 667973
Ion Ratio	Lower Upper
136 100	
137 11.0	8.5 12.7
54 7.6	4.9 7.3#
68 6.0	4.1 6.1



#23
Nitrobenzene-d5
Concen: 85.82 ng
RT: 6.59 min Scan# 799
Delta R.T. -0.02 min
Lab File: BF093950.D
Acq: 27 Mar 2017 19:05

Tgt Ion: 82	Resp: 1004456
Ion Ratio	Lower Upper
82 100	
128 47.0	34.0 51.0
54 49.5	42.2 63.2

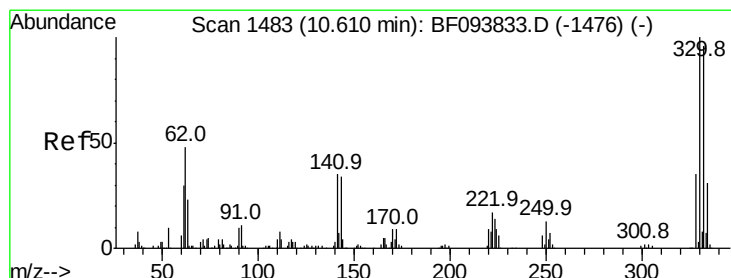
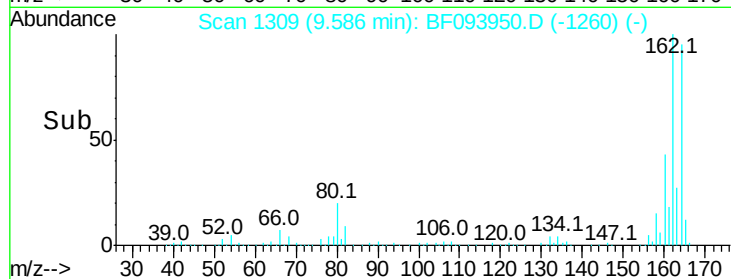
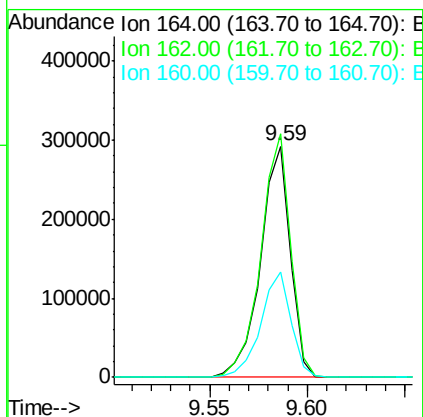
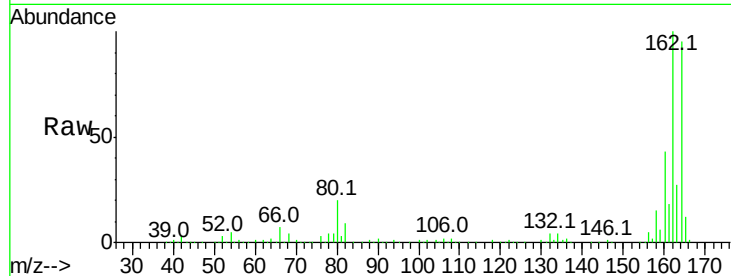




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.59 min Scan# 1309
 Delta R.T. -0.01 min
 Lab File: BF093950.D
 Acq: 27 Mar 2017 19:05

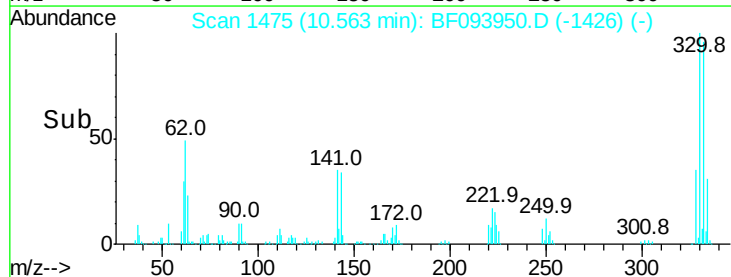
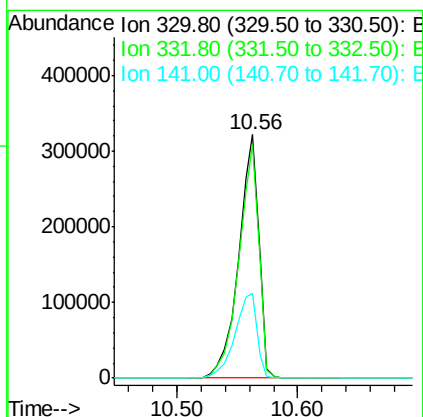
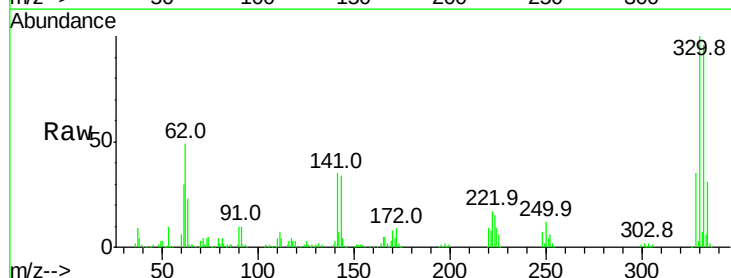
Instrument :
 BNA_F
 ClientSampleId :
 PB97837BL

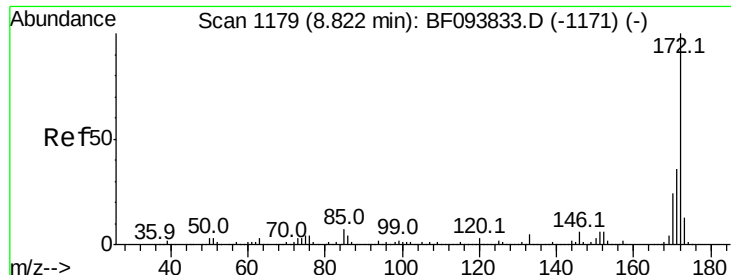
Tot Ion	Ratio	Lower	Upper
164	100		
162	105.4	82.6	123.8
160	45.8	36.2	54.2



#41
 2,4,6-Tribromophenol
 Concen: 153.21 ng
 RT: 10.56 min Scan# 1475
 Delta R.T. -0.01 min
 Lab File: BF093950.D
 Acq: 27 Mar 2017 19:05

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.3	76.6	115.0
141	38.2	31.4	47.2

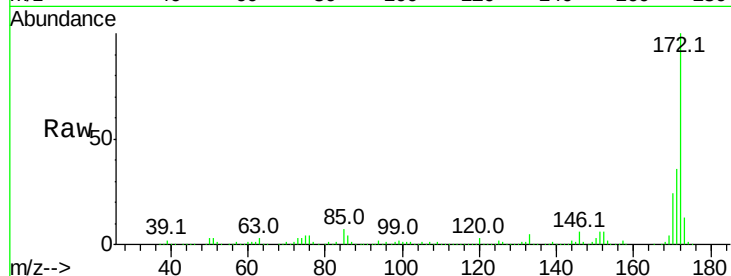




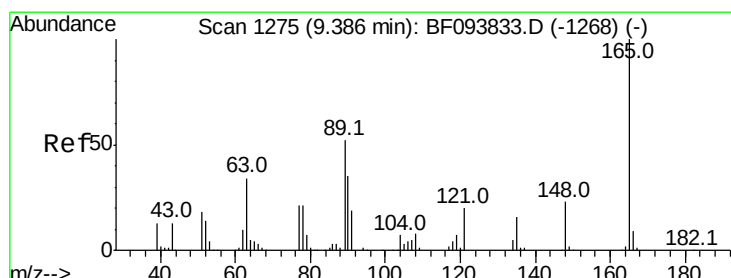
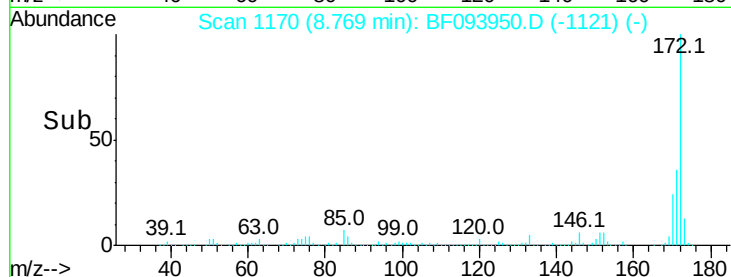
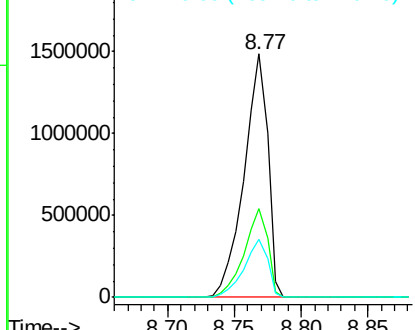
#44
2-Fluorobiphenyl
Concen: 89.72 ng
RT: 8.77 min Scan# 1170
Delta R.T. -0.01 min
Lab File: BF093950.D
Acq: 27 Mar 2017 19:05

Instrument :
BNA_F
ClientSampleId :
PB97837BL

Tot Ion:172 Resp: 1812646
Ion Ratio Lower Upper
172 100
171 36.4 29.6 44.4
170 23.9 19.8 29.8

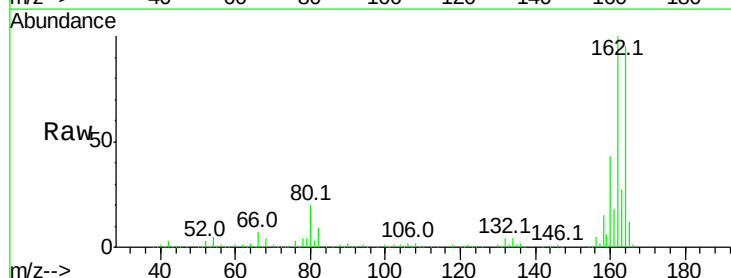


Abundance Ion 172.00 (171.70 to 172.70): E
2000000 Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

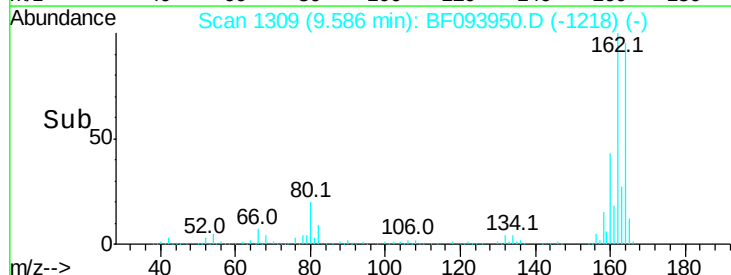
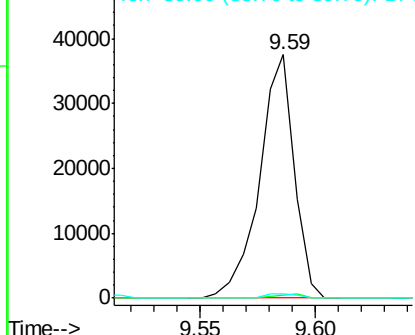


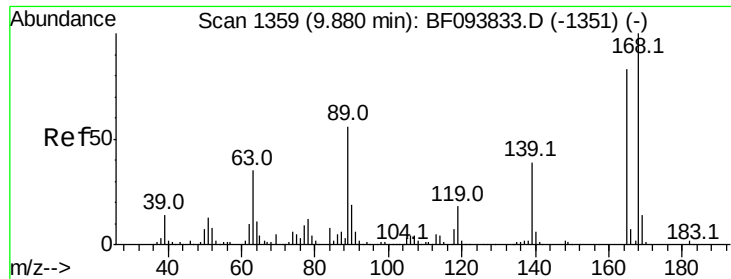
#50
2,6-Dinitrotoluene
Concen: 7.79 ng
RT: 9.59 min Scan# 1309
Delta R.T. 0.24 min
Lab File: BF093950.D
Acq: 27 Mar 2017 19:05

Tgt Ion:165 Resp: 39130
Ion Ratio Lower Upper
165 100
63 1.2 34.3 51.5#
89 1.9 37.1 55.7#



Abundance Ion 165.00 (164.70 to 165.70): E
50000 Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0

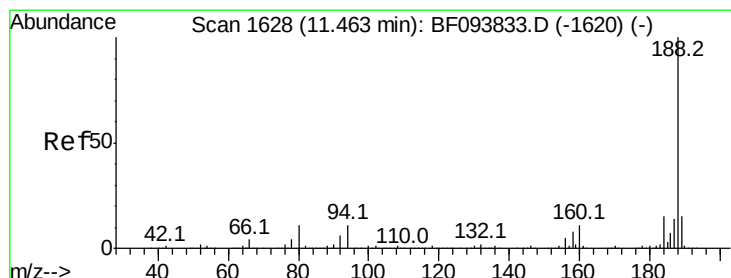
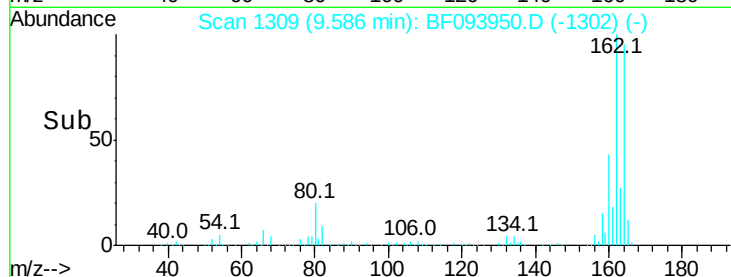
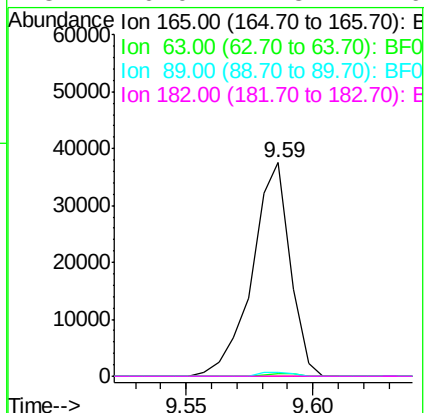
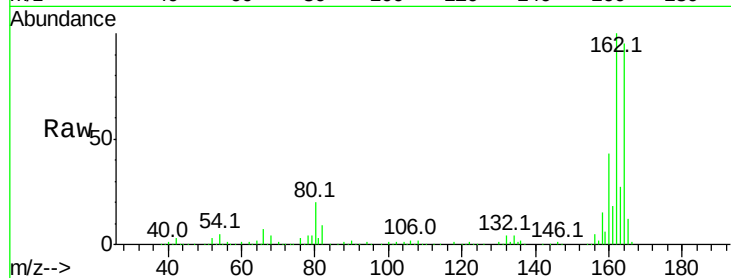




#56
 2,4-Dinitrotoluene
 Concen: 6.20 ng
 RT: 9.59 min Scan# 1309
 Delta R.T. -0.26 min
 Lab File: BF093950.D
 Acq: 27 Mar 2017 19:05

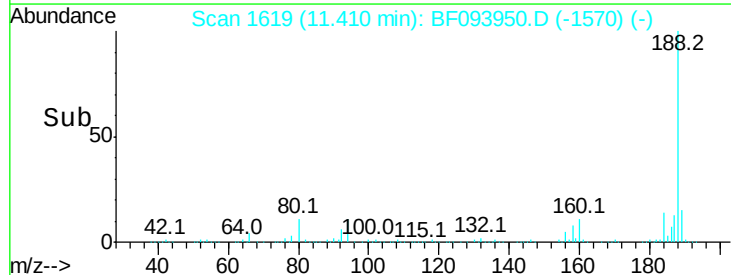
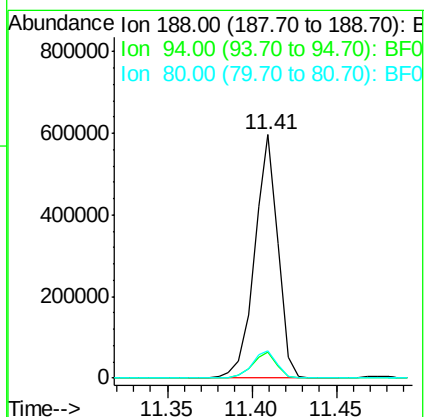
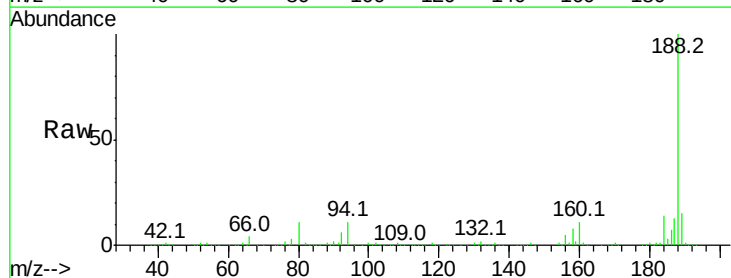
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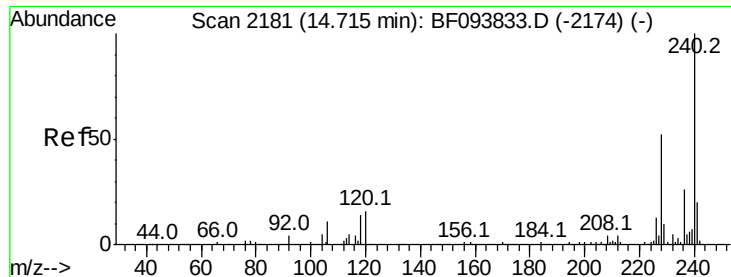
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.2	25.4	38.0#
89	1.9	46.4	69.6#
182	0.0	1.8	2.6#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.41 min Scan# 1619
 Delta R.T. -0.01 min
 Lab File: BF093950.D
 Acq: 27 Mar 2017 19:05

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.8	9.4	14.2
80	11.3	10.2	15.2





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.66 min Scan# 2172

Delta R.T. -0.02 min

Lab File: BF093950.D

Acq: 27 Mar 2017 19:05

Instrument :

BNA_F

ClientSampleId :

PB97837BL

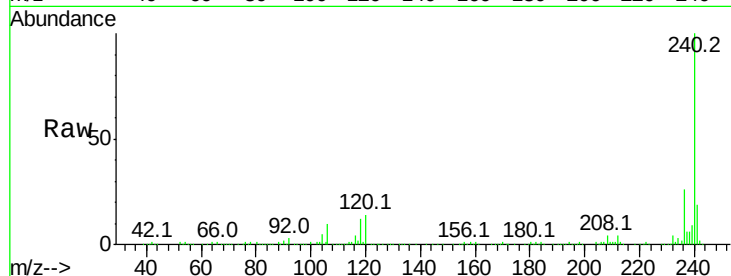
Tot Ion:240 Resp: 534453

Ion Ratio Lower Upper

240 100

120 14.1 5.8 8.8#

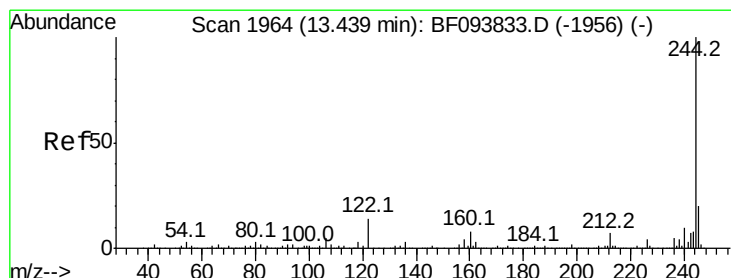
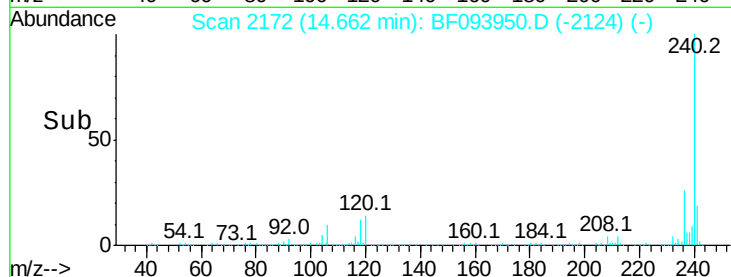
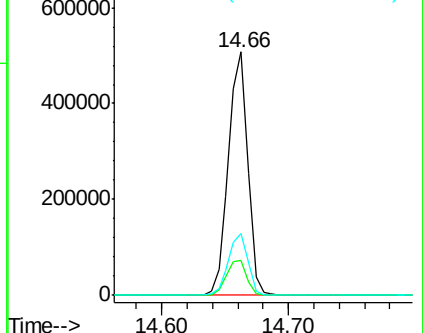
236 25.5 20.5 30.7



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: 70.78 ng

RT: 13.40 min Scan# 1957

Delta R.T. -0.01 min

Lab File: BF093950.D

Acq: 27 Mar 2017 19:05

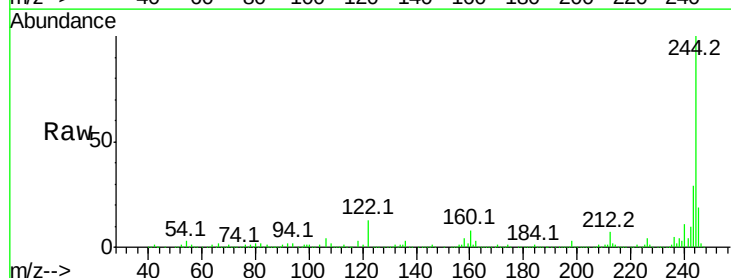
Tgt Ion:244 Resp: 1687765

Ion Ratio Lower Upper

244 100

212 7.4 6.0 9.0

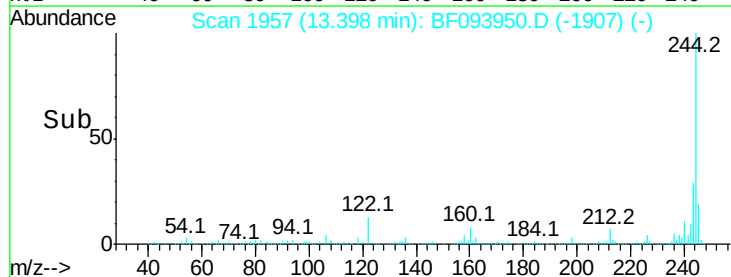
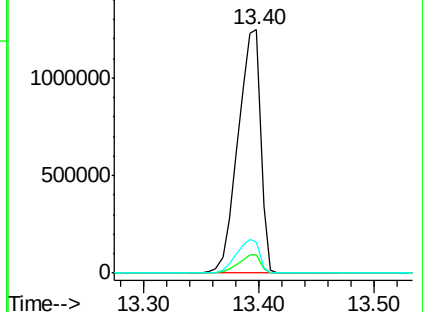
122 12.8 10.3 15.5

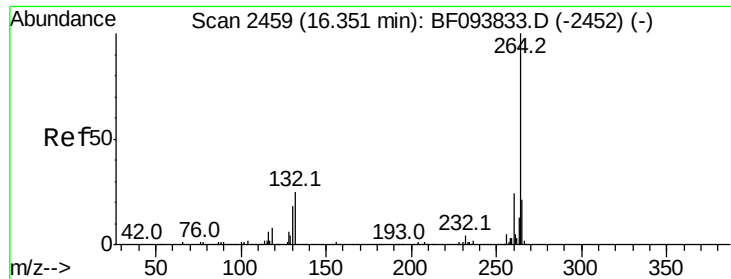


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 16.30 min Scan# 2450
Delta R.T. -0.01 min
Lab File: BF093950.D
Acq: 27 Mar 2017 19:05

Instrument :
BNA_F
ClientSampleId :
PB97837BL

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.5	29.3
265	21.1	17.2	25.8

