

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040517\
 Data File : BF094189.D
 Acq On : 5 Apr 2017 15:12
 Operator : SJ/MA
 Sample : PB98041BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB98041BL

Quant Time: Apr 06 01:05:29 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 31 14:38:29 2017
 Response via : Initial Calibration

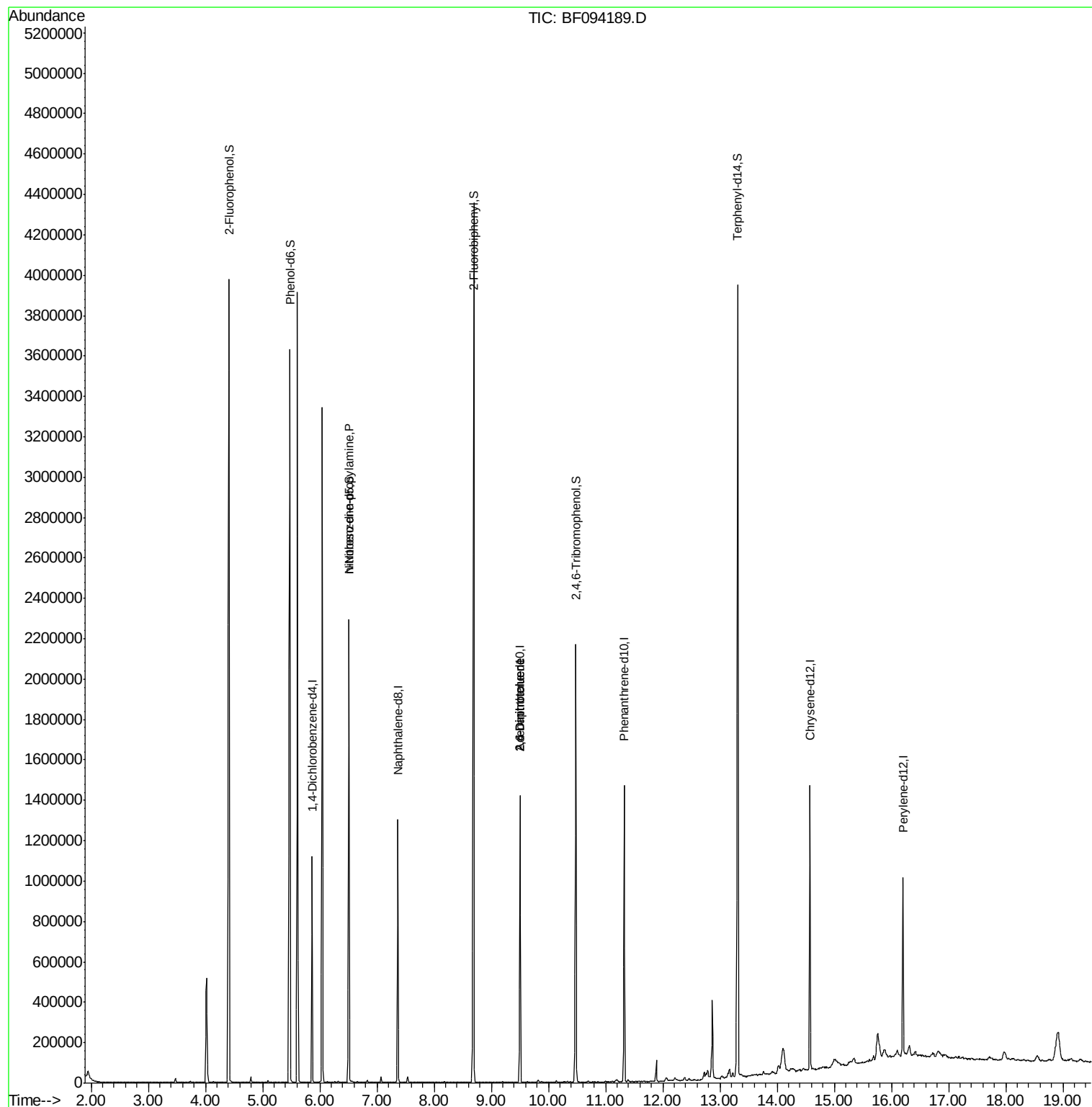
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.86	152	170951	20.00	ng	-0.04
21) Naphthalene-d8	7.36	136	686604	20.00	ng	-0.05
38) Acenaphthene-d10	9.50	164	317210	20.00	ng	-0.05
63) Phenanthrene-d10	11.33	188	593292	20.00	ng	-0.05
75) Chrysene-d12	14.57	240	511225	20.00	ng	-0.05
86) Perylene-d12	16.20	264	357211	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	4.41	112	1271553	125.63	ng	-0.02
7) Phenol-d6	5.47	99	1585601	126.63	ng	-0.04
23) Nitrobenzene-d5	6.51	82	988928	82.20	ng	-0.05
41) 2,4,6-Tribromophenol	10.48	330	296763	118.39	ng	-0.04
44) 2-Fluorobiphenyl	8.69	172	1793182	86.22	ng	-0.04
78) Terphenyl-d14	13.32	244	1678461	73.59	ng	-0.04
Target Compounds						
19) n-Nitroso-di-n-propylamine	6.51	70	130357	16.20	ng	# 78
50) 2,6-Dinitrotoluene	9.50	165	40780	7.89	ng	# 33
56) 2,4-Dinitrotoluene	9.50	165	40779	6.28	ng	# 33

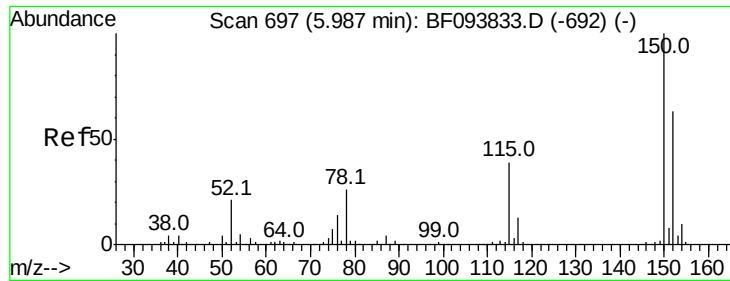
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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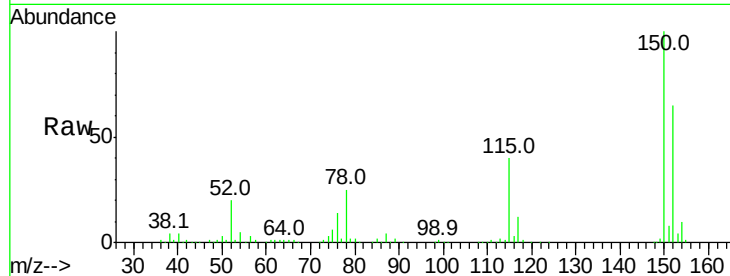


#1

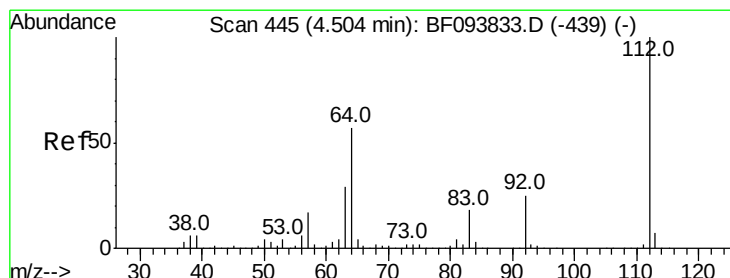
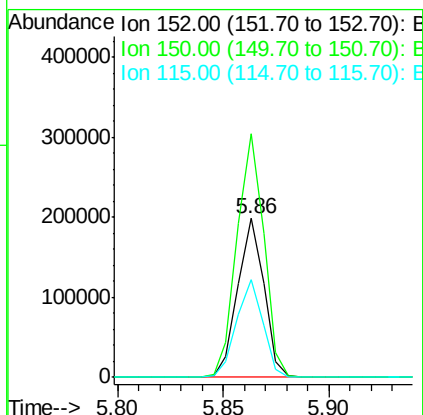
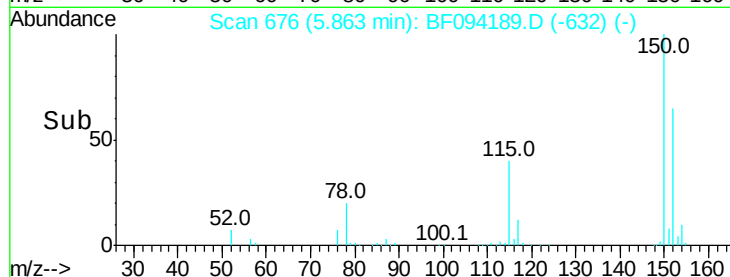
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 5.86 min Scan# 676
 Delta R.T. -0.04 min
 Lab File: BF094189.D
 Acq: 5 Apr 2017 15:12

Instrument :
 BNA_F
 ClientSampleId :
 PB98041BL

Tot Ion:152 Resp: 170951
 Ion Ratio Lower Upper
 152 100
 150 153.6 126.2 189.2
 115 62.0 52.2 78.2



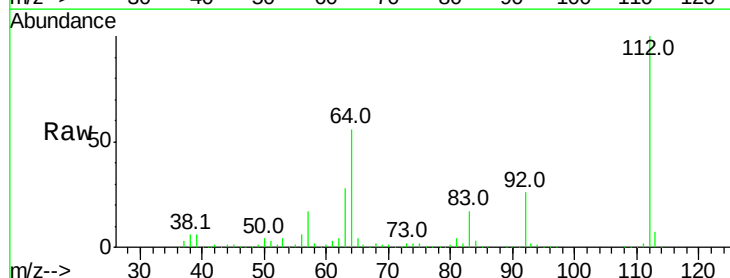
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



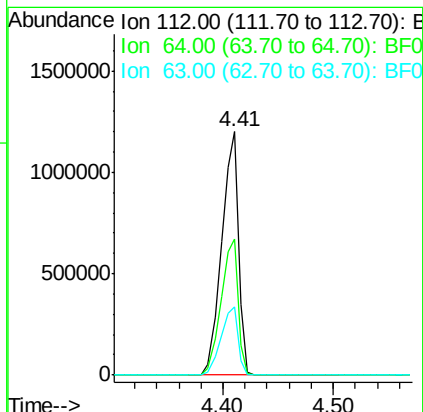
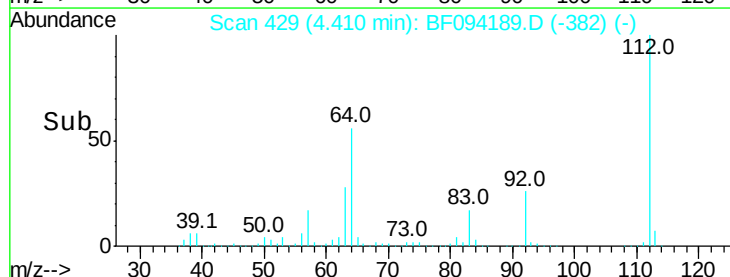
#5

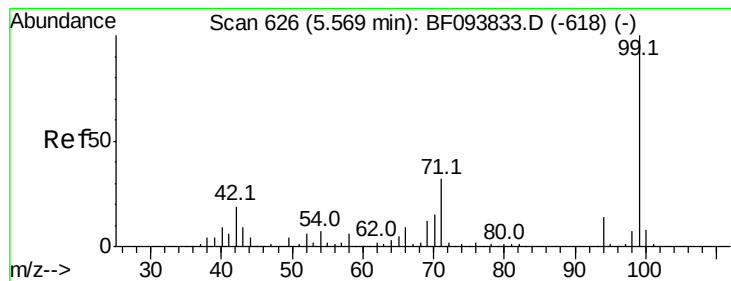
2-Fluorophenol
 Concen: 125.63 ng
 RT: 4.41 min Scan# 429
 Delta R.T. -0.02 min
 Lab File: BF094189.D
 Acq: 5 Apr 2017 15:12

Tgt Ion:112 Resp: 1271553
 Ion Ratio Lower Upper
 112 100
 64 55.7 46.0 69.0
 63 28.0 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: 126.63 ng

RT: 5.47 min Scan# 610

Delta R.T. -0.04 min

Lab File: BF094189.D

Acq: 5 Apr 2017 15:12

Instrument :

BNA_F

ClientSampleId :

PB98041BL

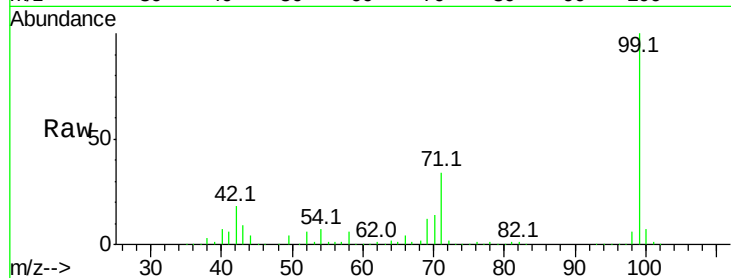
Tot Ion: 99 Resp: 1585601

Ion Ratio Lower Upper

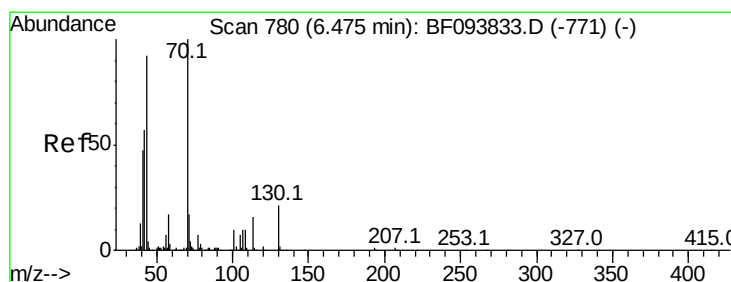
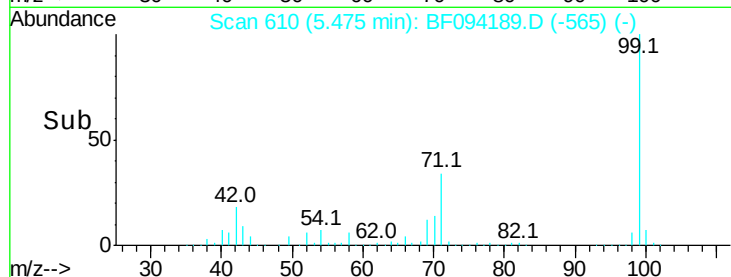
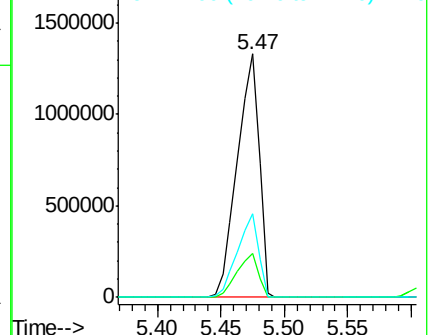
99 100

42 17.9 13.5 20.3

71 34.1 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: 16.20 ng

RT: 6.51 min Scan# 786

Delta R.T. 0.12 min

Lab File: BF094189.D

Acq: 5 Apr 2017 15:12

Tgt Ion: 70 Resp: 130357

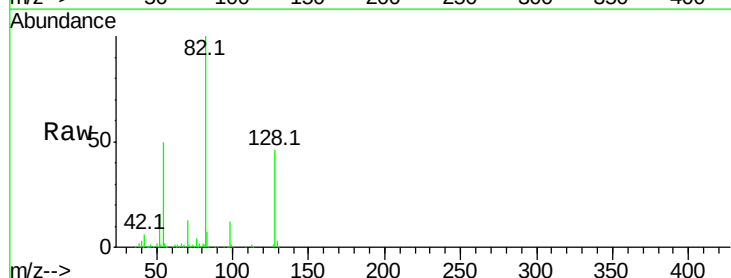
Ion Ratio Lower Upper

70 100

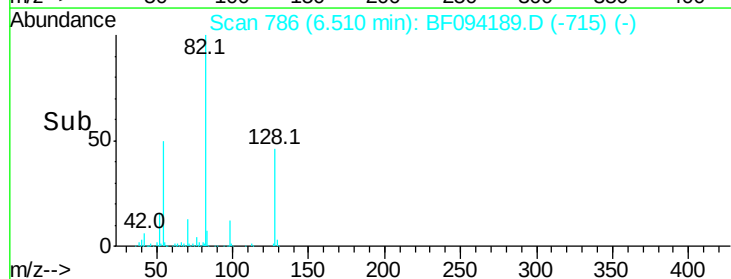
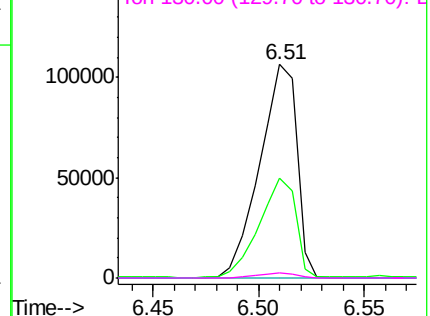
42 47.0 47.2 70.8#

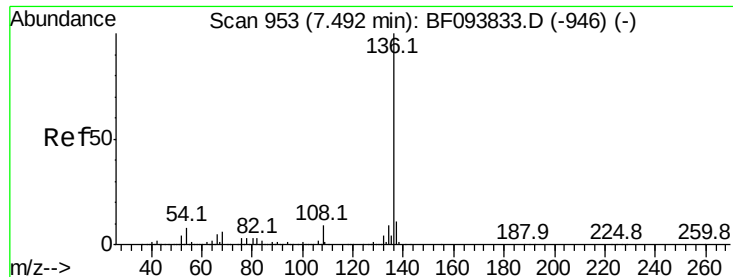
101 0.0 7.2 10.8#

130 2.2 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

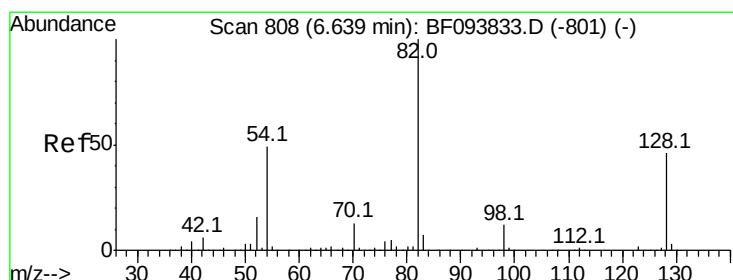
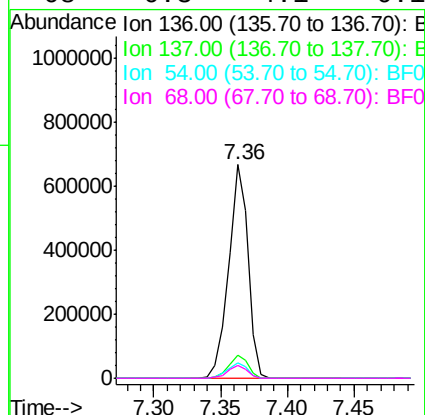
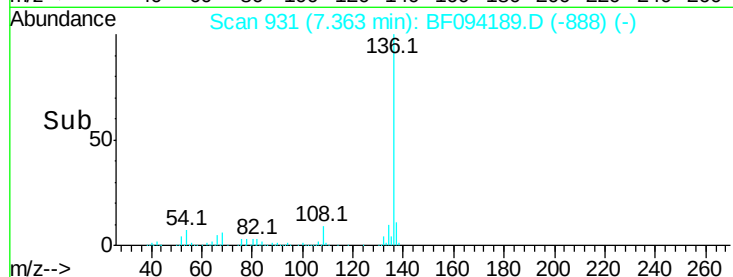
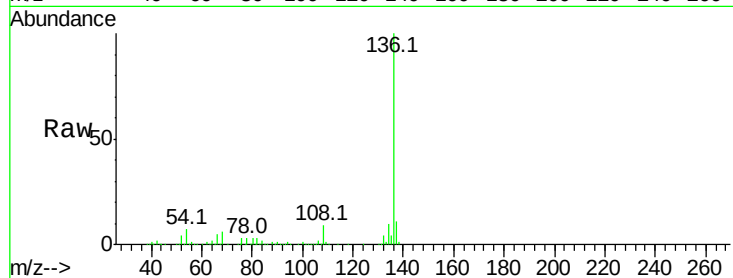




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.36 min Scan# 931
Delta R.T. -0.05 min
Lab File: BF094189.D
Acq: 5 Apr 2017 15:12

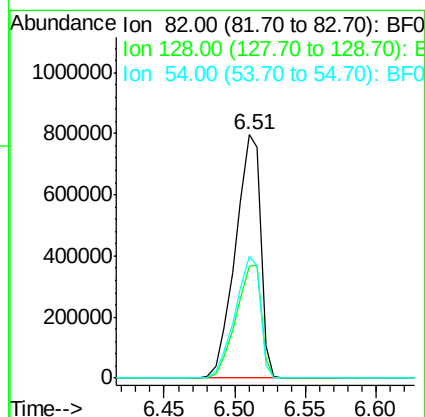
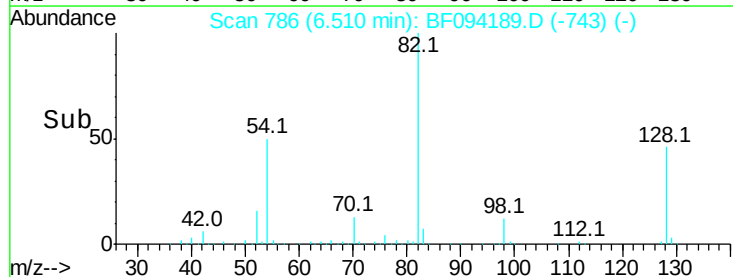
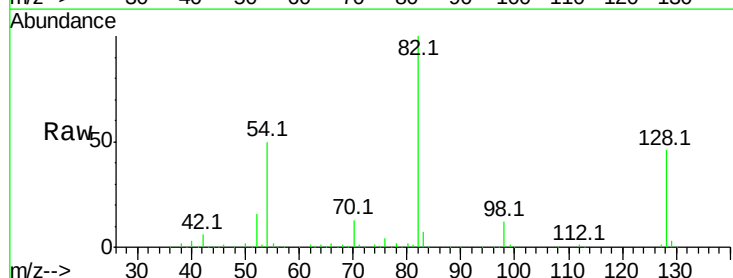
Instrument :
BNA_F
ClientSampleId :
PB98041BL

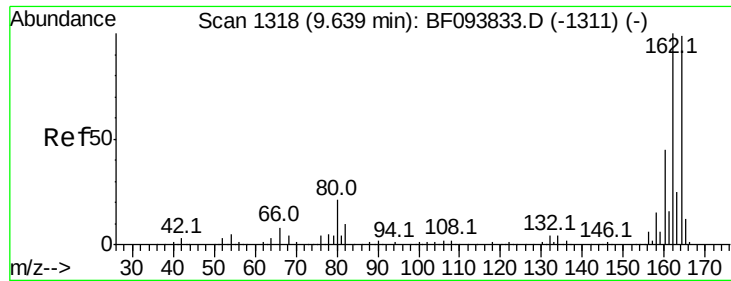
Tot Ion:	136	Resp:	686604
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.5	12.7
54	7.4	4.9	7.3#
68	6.3	4.1	6.1#



#23
Nitrobenzene-d5
Concen: 82.20 ng
RT: 6.51 min Scan# 786
Delta R.T. -0.05 min
Lab File: BF094189.D
Acq: 5 Apr 2017 15:12

Tgt Ion:	82	Resp:	988928
Ion	Ratio	Lower	Upper
82	100		
128	45.9	34.0	51.0
54	49.9	42.2	63.2

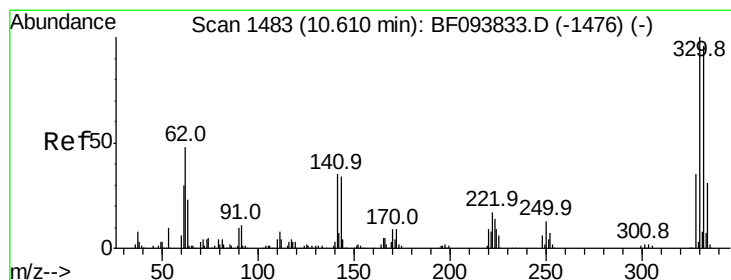
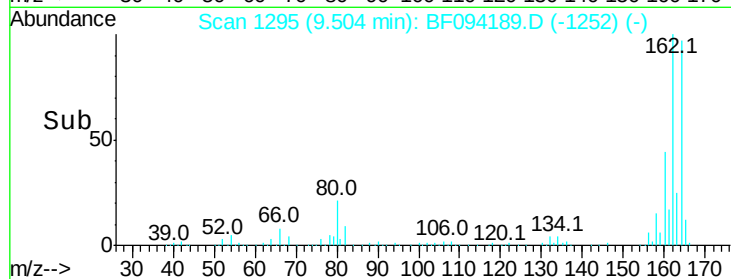
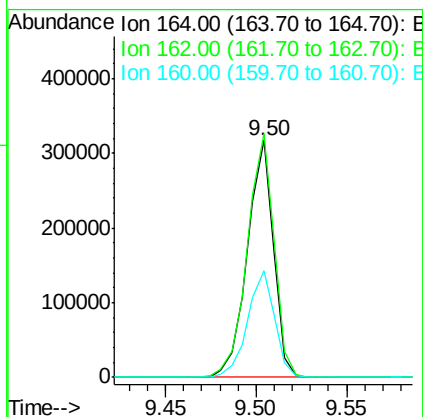
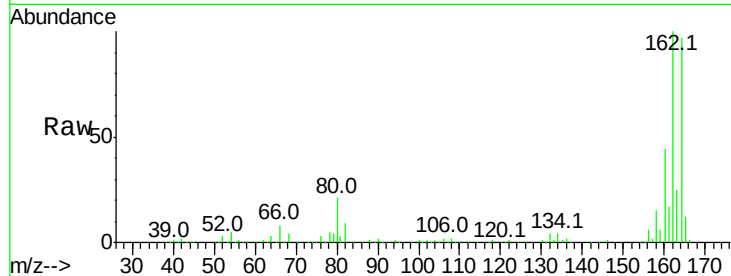




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.50 min Scan# 1295
 Delta R.T. -0.05 min
 Lab File: BF094189.D
 Acq: 5 Apr 2017 15:12

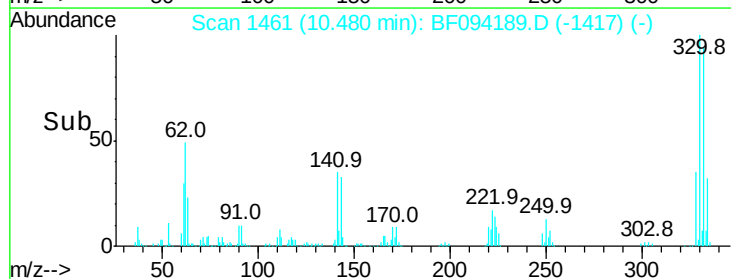
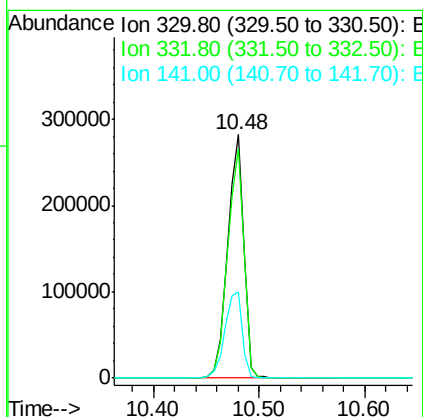
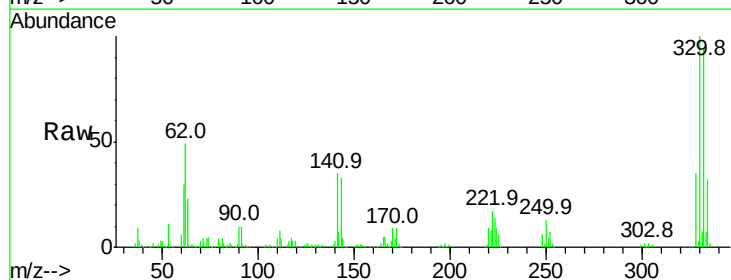
Instrument :
 BNA_F
 ClientSampleId :
 PB98041BL

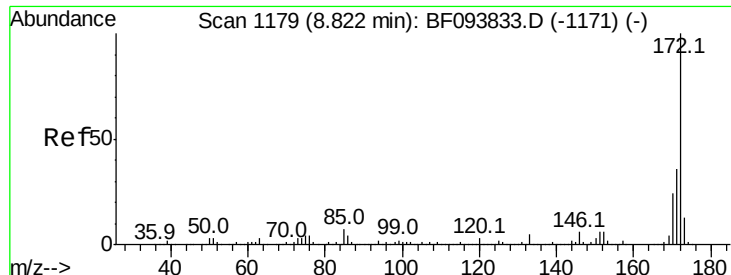
Tot Ion:164 Resp: 317210
 Ion Ratio Lower Upper
 164 100
 162 102.8 82.6 123.8
 160 45.0 36.2 54.2



#41
 2,4,6-Tribromophenol
 Concen: 118.39 ng
 RT: 10.48 min Scan# 1461
 Delta R.T. -0.04 min
 Lab File: BF094189.D
 Acq: 5 Apr 2017 15:12

Tgt Ion:330 Resp: 296763
 Ion Ratio Lower Upper
 330 100
 332 95.5 76.6 115.0
 141 38.5 31.4 47.2

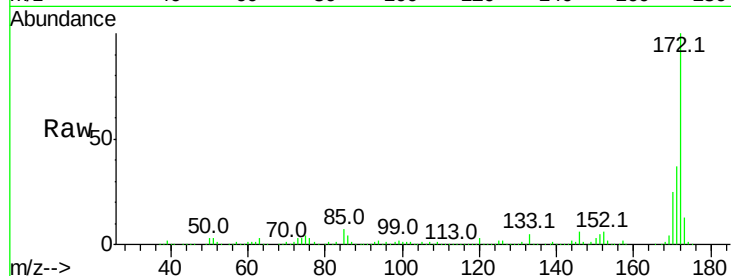




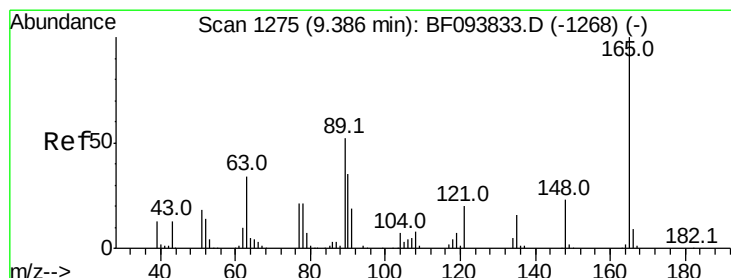
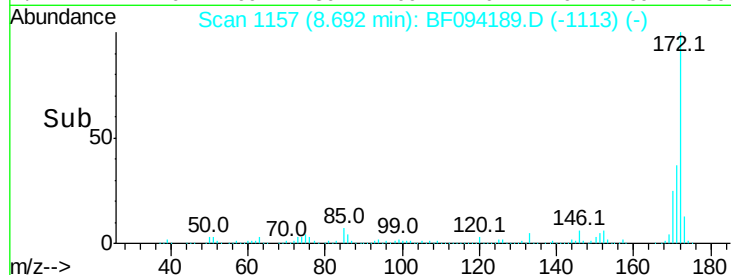
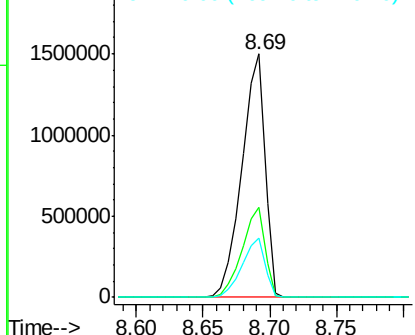
#44
 2-Fluorobiphenyl
 Concen: 86.22 ng
 RT: 8.69 min Scan# 1157
 Delta R.T. -0.04 min
 Lab File: BF094189.D
 Acq: 5 Apr 2017 15:12

Instrument :
 BNA_F
 ClientSampleId :
 PB98041BL

Tot Ion:172 Resp: 1793182
 Ion Ratio Lower Upper
 172 100
 171 36.8 29.6 44.4
 170 24.6 19.8 29.8

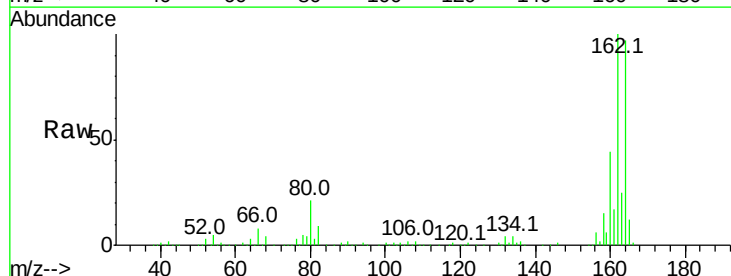


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

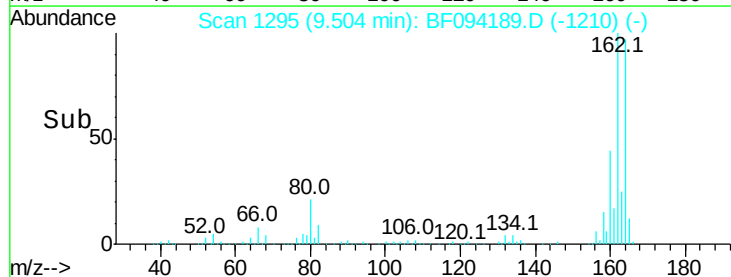
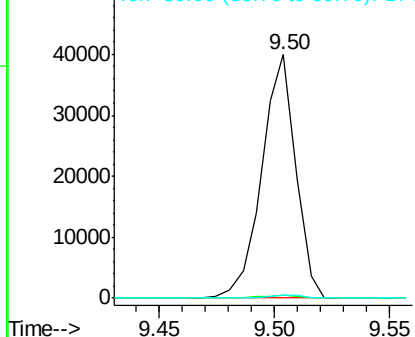


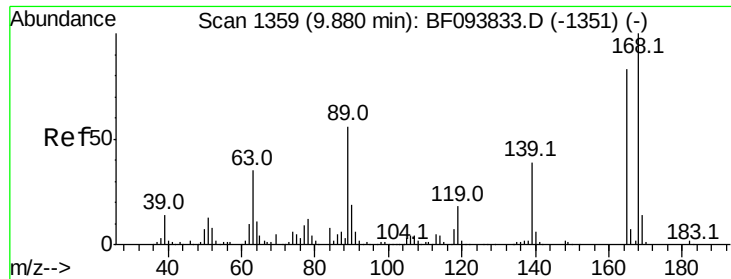
#50
 2,6-Dinitrotoluene
 Concen: 7.89 ng
 RT: 9.50 min Scan# 1295
 Delta R.T. 0.20 min
 Lab File: BF094189.D
 Acq: 5 Apr 2017 15:12

Tgt Ion:165 Resp: 40780
 Ion Ratio Lower Upper
 165 100
 63 1.1 34.3 51.5#
 89 1.4 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

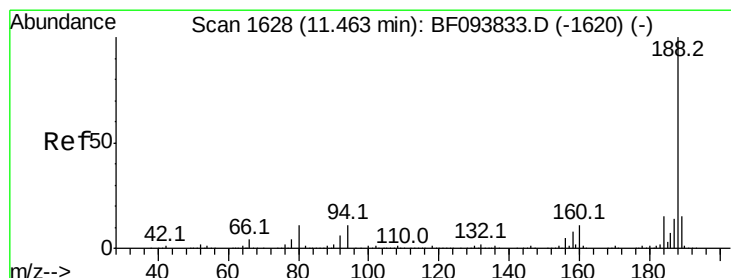
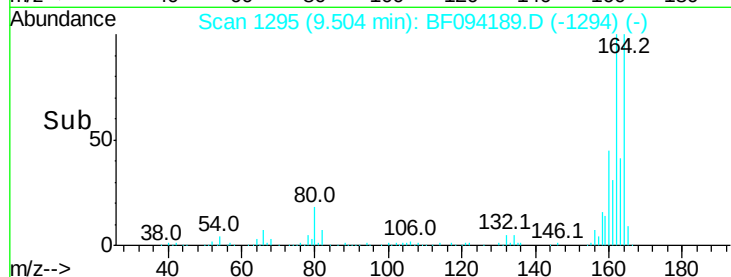
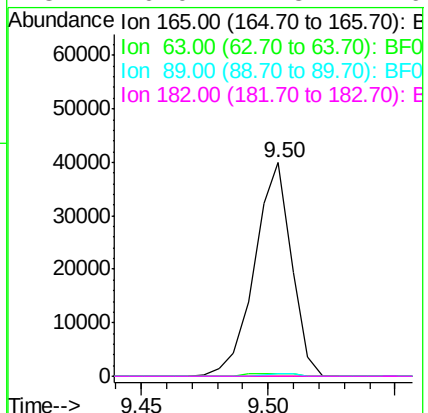
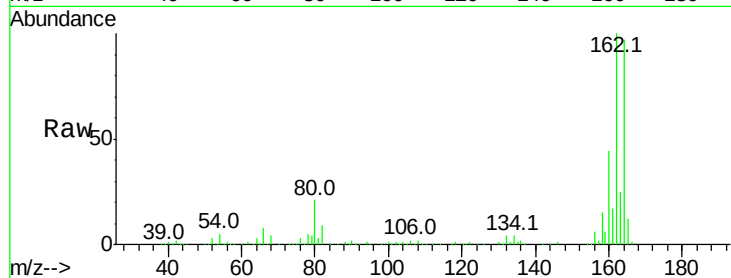




#56
 2,4-Dinitrotoluene
 Concen: 6.28 ng
 RT: 9.50 min Scan# 1295
 Delta R.T. -0.29 min
 Lab File: BF094189.D
 Acq: 5 Apr 2017 15:12

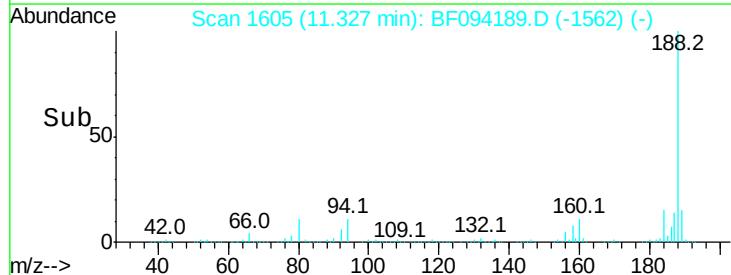
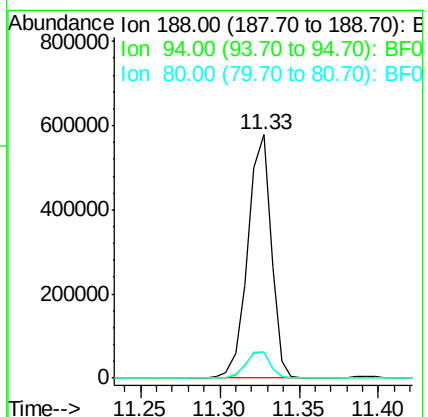
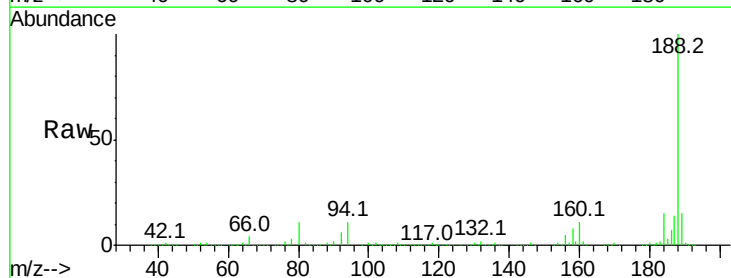
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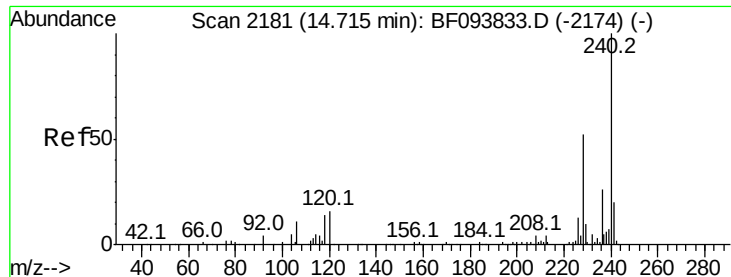
Tot Ion:	165	Resp:	40779
Ion	Ratio	Lower	Upper
165	100		
63	1.1	25.4	38.0#
89	1.4	46.4	69.6#
182	0.0	1.8	2.6#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.33 min Scan# 1605
 Delta R.T. -0.05 min
 Lab File: BF094189.D
 Acq: 5 Apr 2017 15:12

Tgt Ion:	188	Resp:	593292
Ion	Ratio	Lower	Upper
188	100		
94	10.5	9.4	14.2
80	10.9	10.2	15.2





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.57 min Scan# 2157

Delta R.T. -0.05 min

Lab File: BF094189.D

Acq: 5 Apr 2017 15:12

Instrument :

BNA_F

ClientSampleId :

PB98041BL

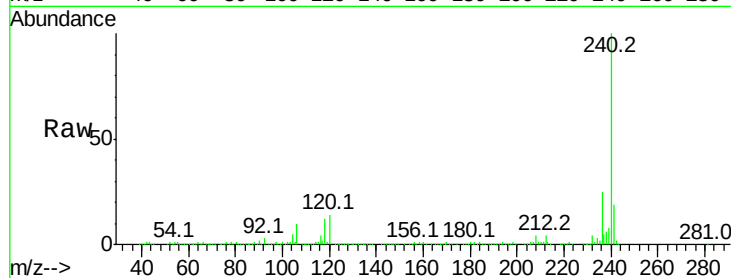
Tot Ion:240 Resp: 511225

Ion Ratio Lower Upper

240 100

120 14.4 5.8 8.8#

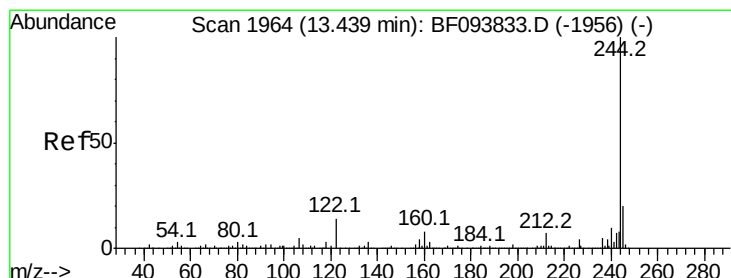
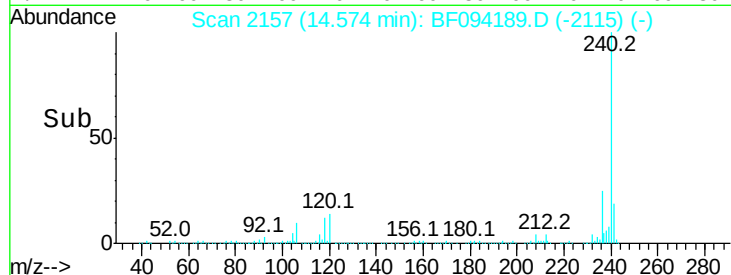
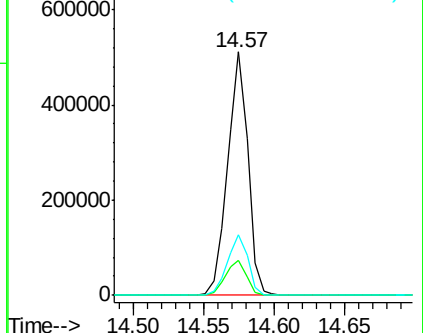
236 24.9 20.5 30.7



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: 73.59 ng

RT: 13.32 min Scan# 1943

Delta R.T. -0.04 min

Lab File: BF094189.D

Acq: 5 Apr 2017 15:12

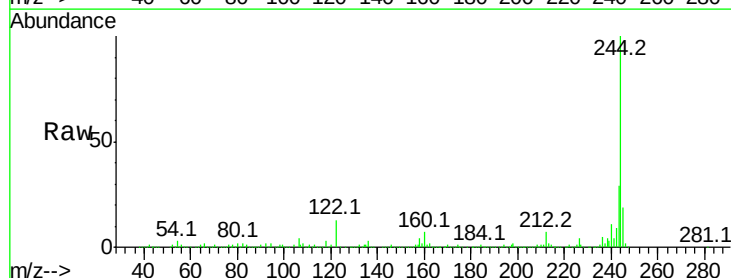
Tgt Ion:244 Resp: 1678461

Ion Ratio Lower Upper

244 100

212 7.4 6.0 9.0

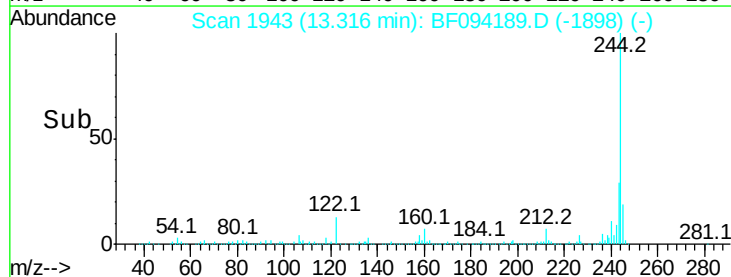
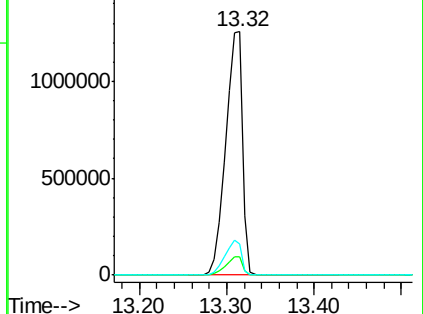
122 13.0 10.3 15.5

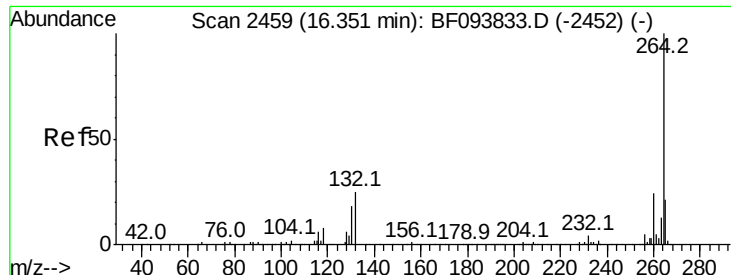


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

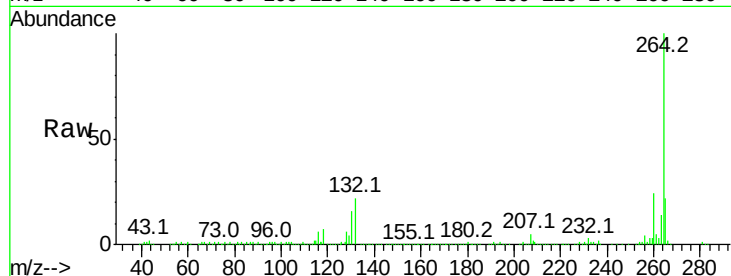




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 16.20 min Scan# 2434
 Delta R.T. -0.05 min
 Lab File: BF094189.D
 Acq: 5 Apr 2017 15:12

Instrument :
 BNA_F
 ClientSampleId :
 PB98041BL

Tot Ion:264 Resp: 357211
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.5 29.3
 265 21.6 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

