

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032717\
 Data File : BF093959.D
 Acq On : 27 Mar 2017 23:14
 Operator : SJ/MA
 Sample : I2409-05
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PZ-8

Quant Time: Mar 28 00:25:15 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

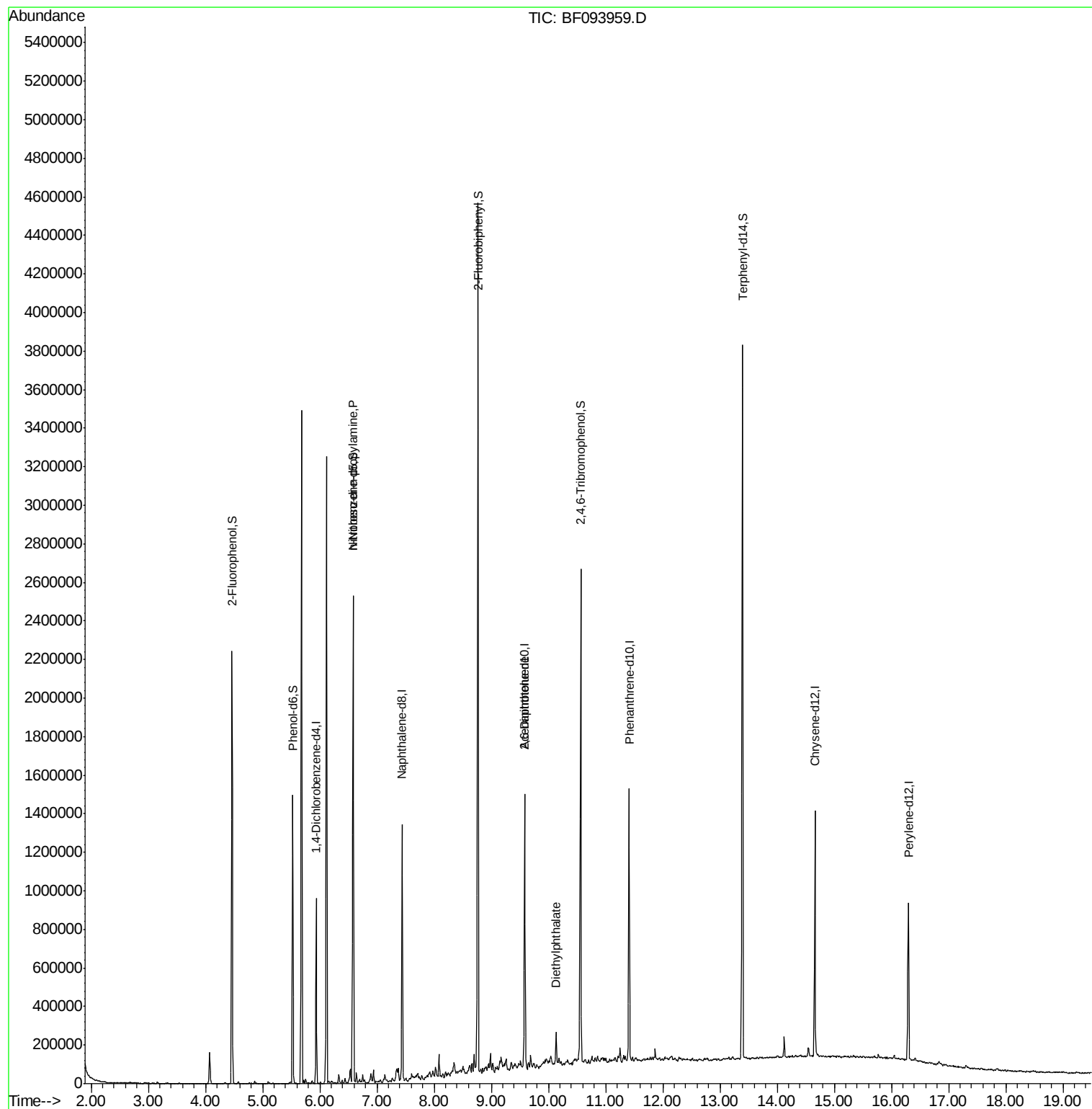
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.93	152	163844	20.00	ng	-0.02
21) Naphthalene-d8	7.44	136	669323	20.00	ng	-0.02
38) Acenaphthene-d10	9.59	164	319911	20.00	ng	-0.01
63) Phenanthrene-d10	11.41	188	576076	20.00	ng	-0.01
75) Chrysene-d12	14.66	240	475850	20.00	ng	-0.02
86) Perylene-d12	16.30	264	344748	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	4.46	112	628766	64.82	ng	-0.01
7) Phenol-d6	5.53	99	509425	42.45	ng	-0.02
23) Nitrobenzene-d5	6.59	82	1021920	87.13	ng	-0.02
41) 2,4,6-Tribromophenol	10.56	330	384648	152.16	ng	-0.01
44) 2-Fluorobiphenyl	8.77	172	1815079	86.54	ng	-0.01
78) Terphenyl-d14	13.40	244	1555009	73.25	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	6.59	70	135300	17.54	ng	# 77
50) 2,6-Dinitrotoluene	9.59	165	41921	8.04	ng	# 34
59) Diethylphthalate	10.13	149	65726	2.92	ng	97

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

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032717\
Data File : BF093959.D
Acq On : 27 Mar 2017 23:14
Operator : SJ/MA
Sample : I2409-05
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PZ-8

Quant Time: Mar 28 00:25:15 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



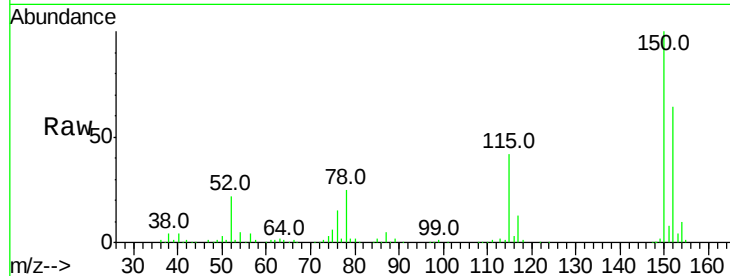


#1

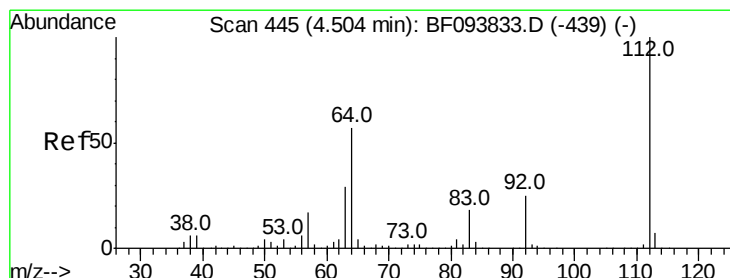
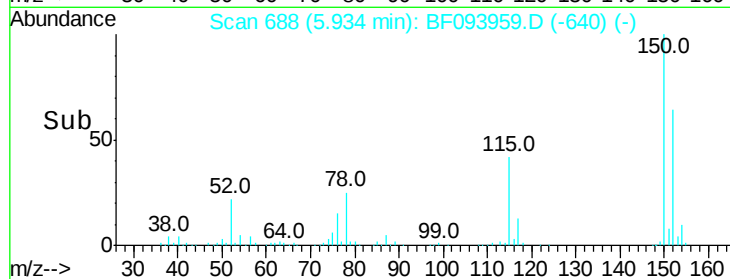
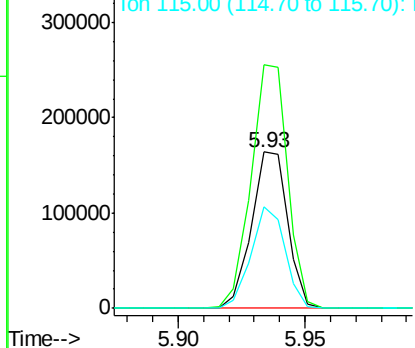
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 5.93 min Scan# 688
 Delta R.T. -0.02 min
 Lab File: BF093959.D
 Acq: 27 Mar 2017 23:14

Instrument :
 BNA_F
 ClientSampleId :
 PZ-8

Tot Ion:152 Resp: 163844
 Ion Ratio Lower Upper
 152 100
 150 155.8 126.2 189.2
 115 65.0 52.2 78.2



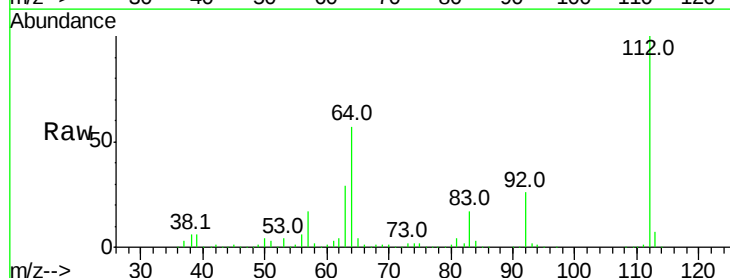
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



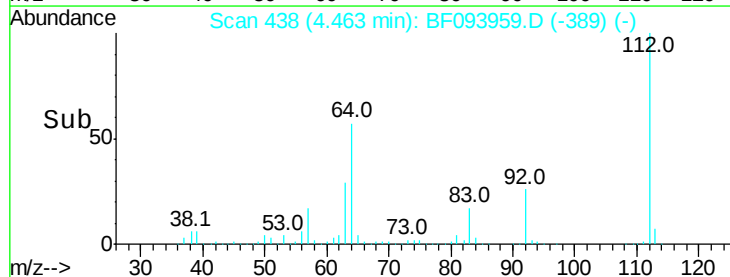
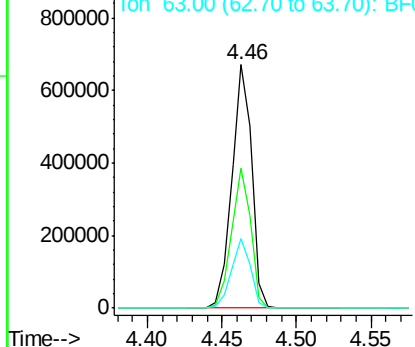
#5

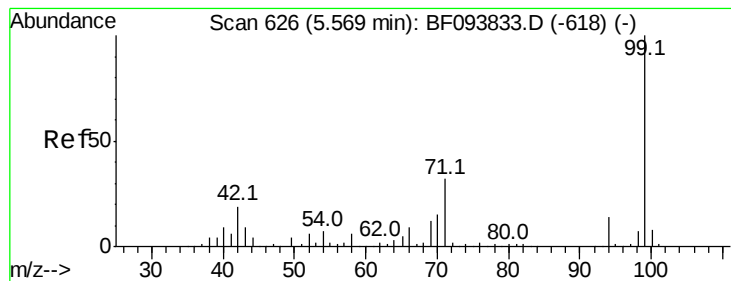
2-Fluorophenol
 Concen: 64.82 ng
 RT: 4.46 min Scan# 438
 Delta R.T. -0.01 min
 Lab File: BF093959.D
 Acq: 27 Mar 2017 23:14

Tgt Ion:112 Resp: 628766
 Ion Ratio Lower Upper
 112 100
 64 57.3 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: 42.45 ng

RT: 5.53 min Scan# 619

Delta R.T. -0.02 min

Lab File: BF093959.D

Acq: 27 Mar 2017 23:14

Instrument :

BNA_F

ClientSampleId :

PZ-8

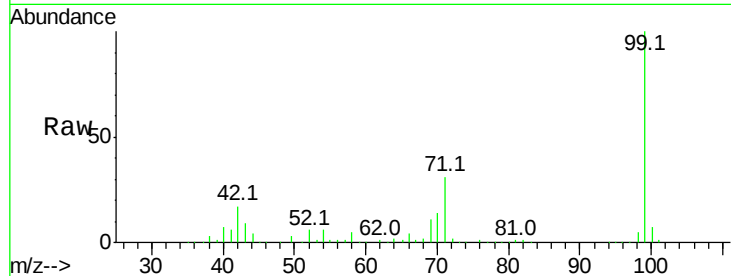
Tot Ion: 99 Resp: 509425

Ion Ratio Lower Upper

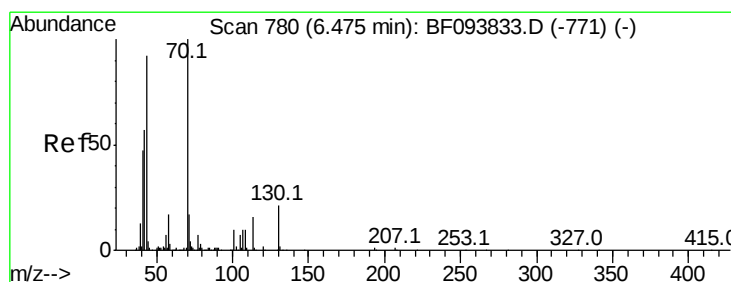
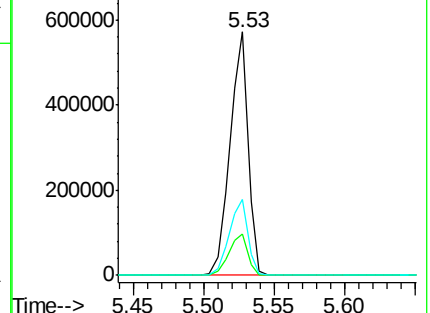
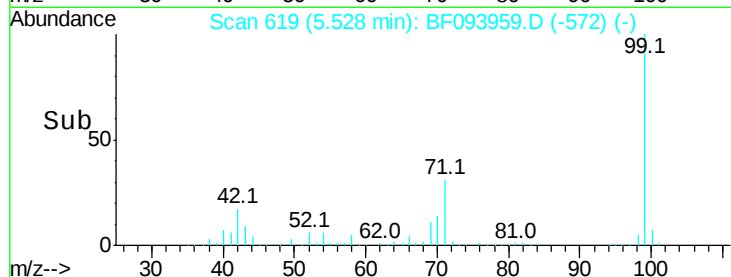
99 100

42 16.8 13.5 20.3

71 31.0 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: 17.54 ng

RT: 6.59 min Scan# 799

Delta R.T. 0.15 min

Lab File: BF093959.D

Acq: 27 Mar 2017 23:14

Tgt Ion: 70 Resp: 135300

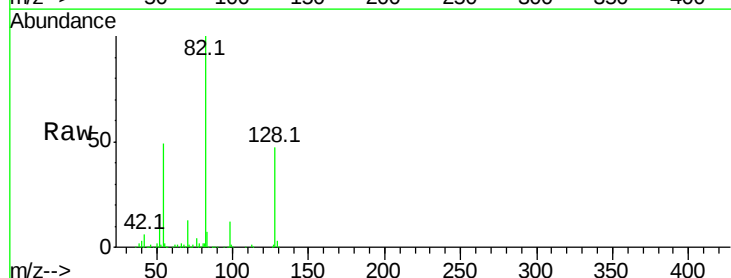
Ion Ratio Lower Upper

70 100

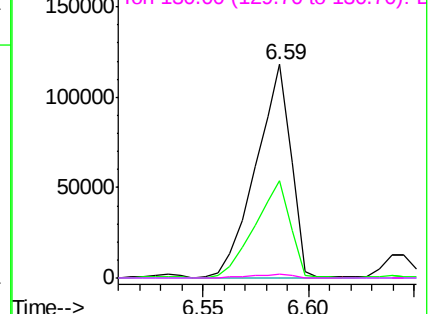
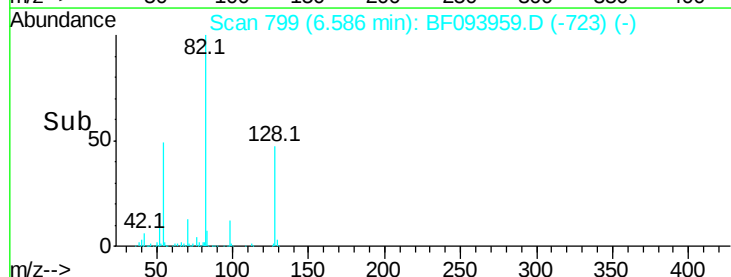
42 45.8 47.2 70.8#

101 0.0 7.2 10.8#

130 2.0 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: 20.00 ng

RT: 7.44 min Scan# 944

Delta R.T. -0.02 min

Lab File: BF093959.D

Acq: 27 Mar 2017 23:14

Instrument :

BNA_F

ClientSampleId :

PZ-8

Tot Ion:136 Resp: 669323

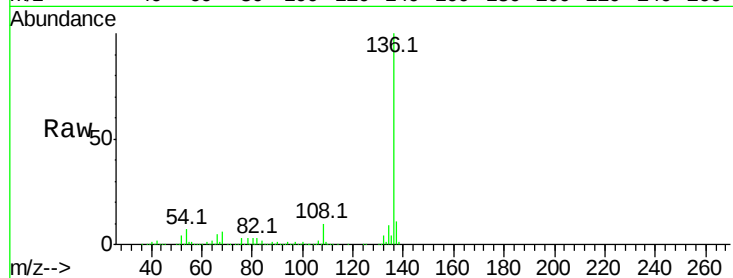
Ion Ratio Lower Upper

136 100

137 10.8 8.5 12.7

54 7.5 4.9 7.3#

68 5.8 4.1 6.1

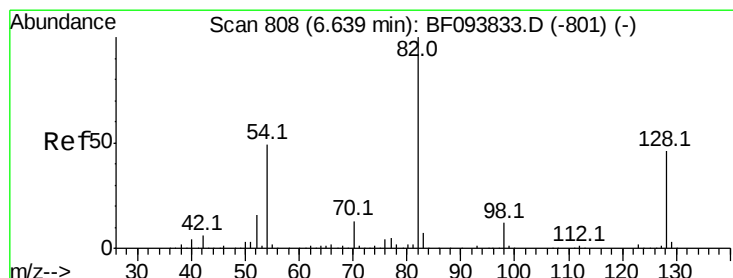
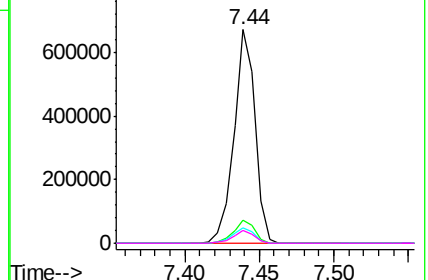
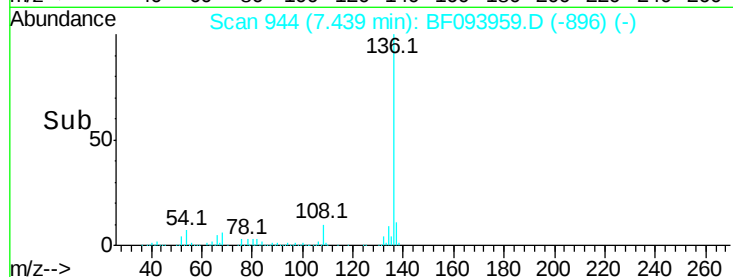


Abundance Ion 136.00 (135.70 to 136.70): E

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: 87.13 ng

RT: 6.59 min Scan# 799

Delta R.T. -0.02 min

Lab File: BF093959.D

Acq: 27 Mar 2017 23:14

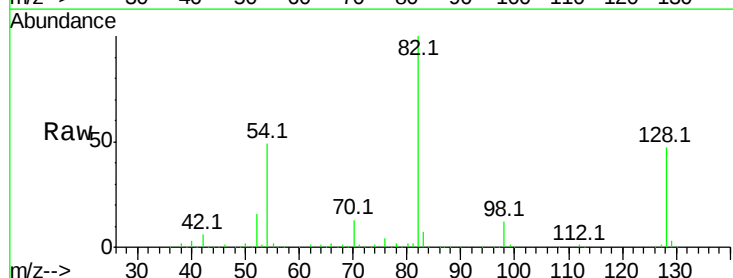
Tgt Ion: 82 Resp: 1021920

Ion Ratio Lower Upper

82 100

128 46.5 34.0 51.0

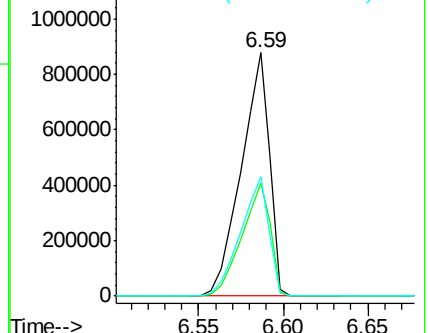
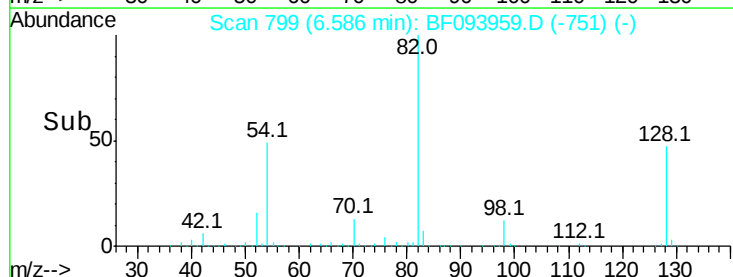
54 49.3 42.2 63.2

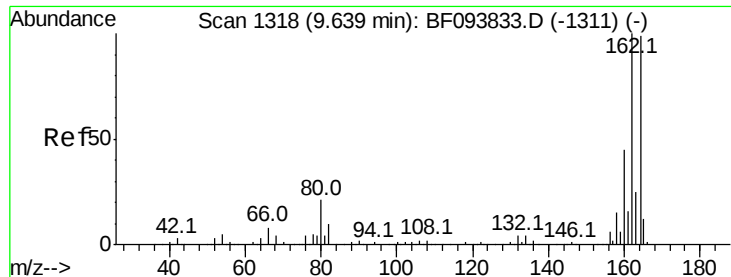


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

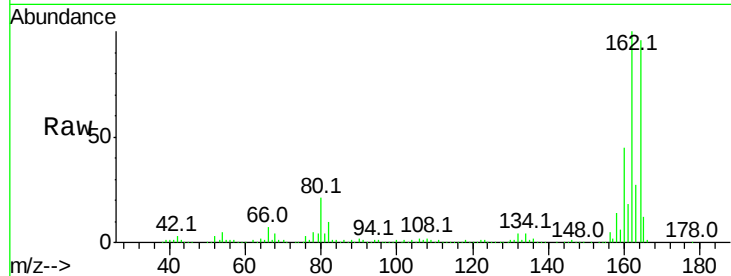




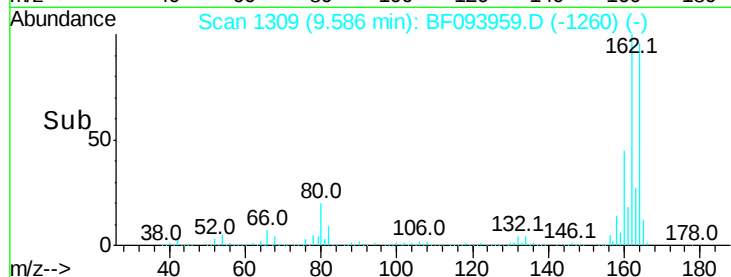
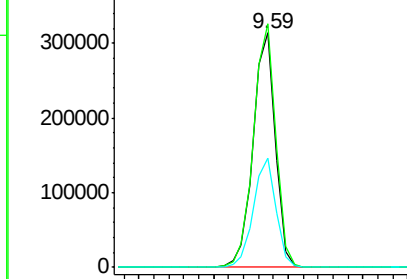
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.59 min Scan# 1309
Delta R.T. -0.01 min
Lab File: BF093959.D
Acq: 27 Mar 2017 23:14

Instrument :
BNA_F
ClientSampleId :
PZ-8

Tot Ion:164 Resp: 319911
Ion Ratio Lower Upper
164 100
162 103.8 82.6 123.8
160 46.7 36.2 54.2

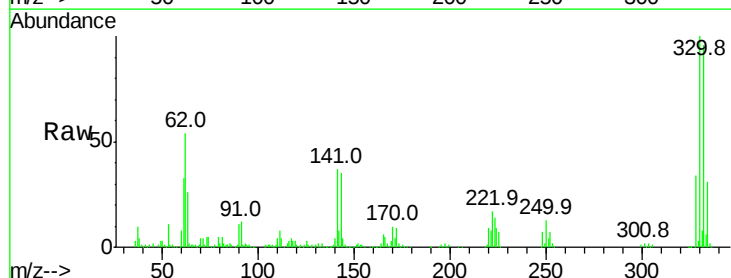


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

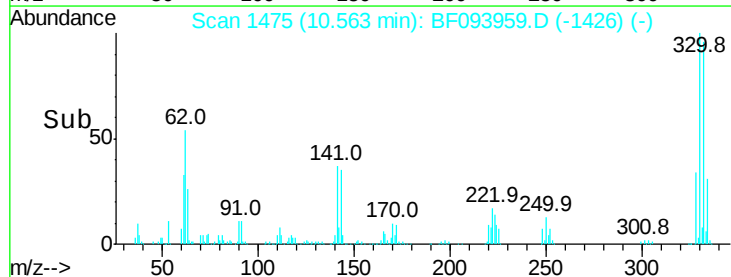
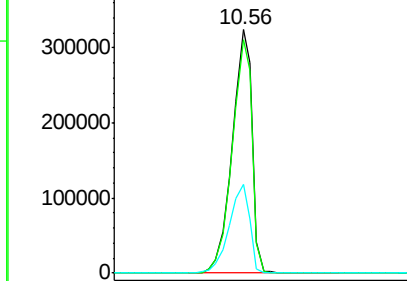


#41
2,4,6-Tribromophenol
Concen: 152.16 ng
RT: 10.56 min Scan# 1475
Delta R.T. -0.01 min
Lab File: BF093959.D
Acq: 27 Mar 2017 23:14

Tgt Ion:330 Resp: 384648
Ion Ratio Lower Upper
330 100
332 96.7 76.6 115.0
141 37.5 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



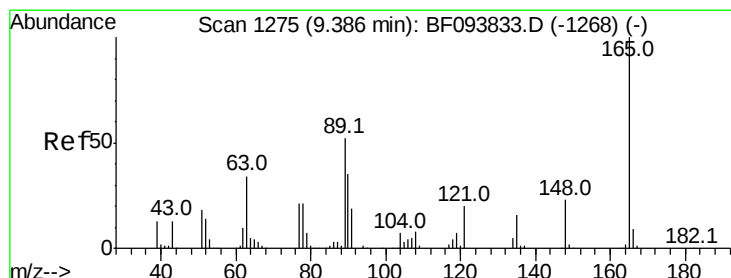
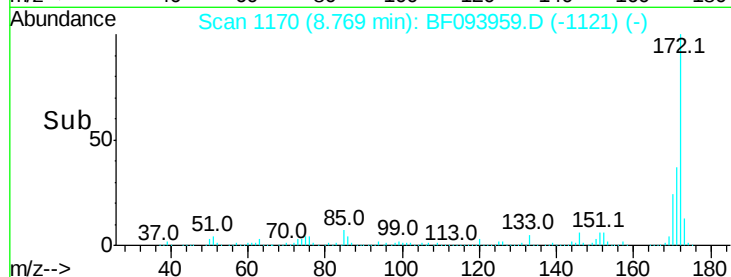
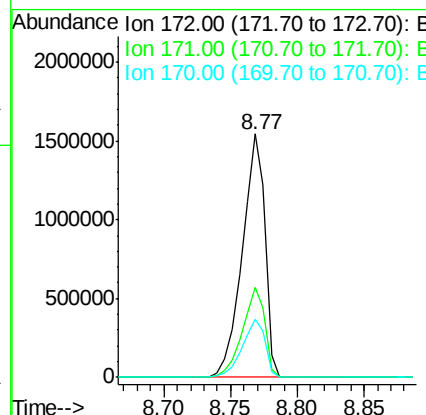
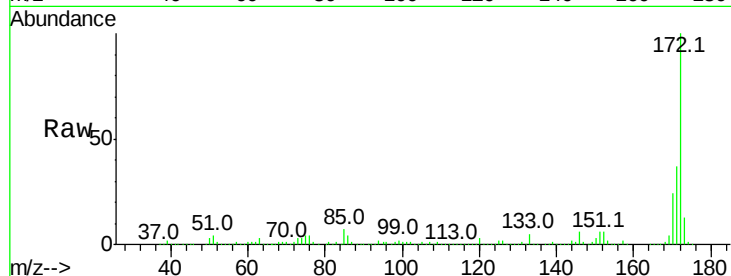


#44
 2-Fluorobiphenyl
 Concen: 86.54 ng
 RT: 8.77 min Scan# 1170
 Delta R.T. -0.01 min
 Lab File: BF093959.D
 Acq: 27 Mar 2017 23:14

Instrument :
 BNA_F
 ClientSampleId :
 PZ-8

Tot Ion:172 Resp: 1815079

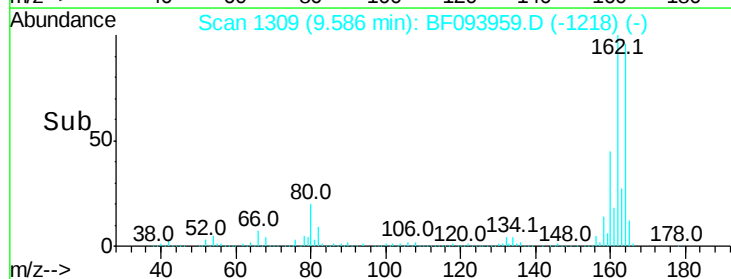
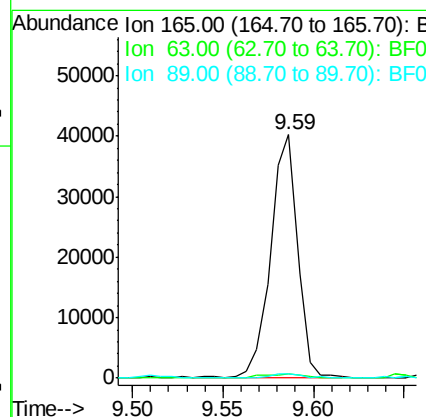
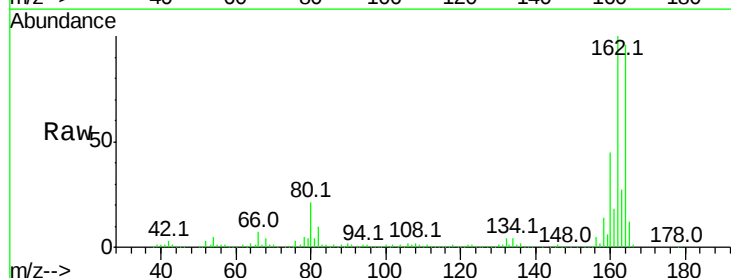
Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.6	44.4
170	24.0	19.8	29.8

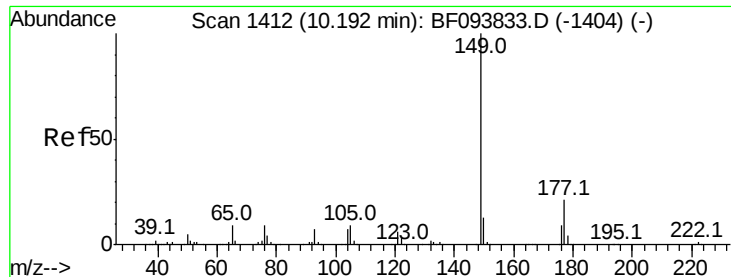


#50
 2,6-Dinitrotoluene
 Concen: 8.04 ng
 RT: 9.59 min Scan# 1309
 Delta R.T. 0.24 min
 Lab File: BF093959.D
 Acq: 27 Mar 2017 23:14

Tgt Ion:165 Resp: 41921

Ion	Ratio	Lower	Upper
165	100		
63	1.9	34.3	51.5#
89	1.6	37.1	55.7#

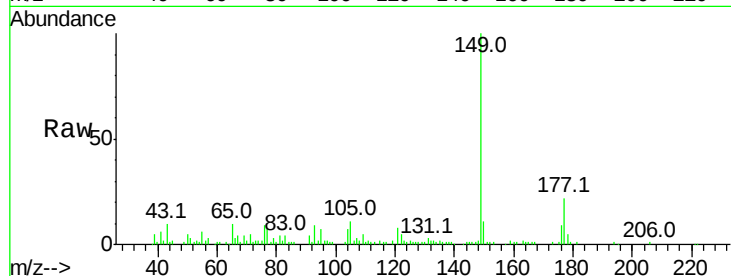




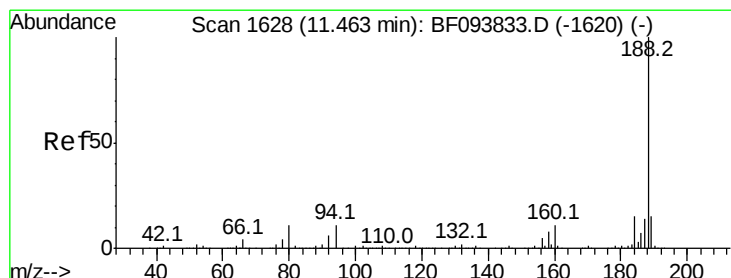
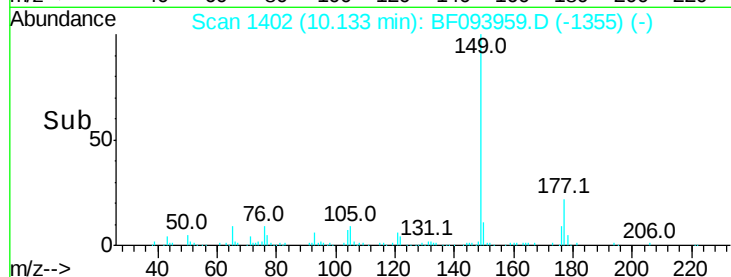
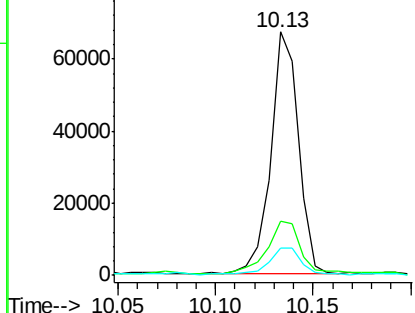
#59
Diethylphthalate
Concen: 2.92 ng
RT: 10.13 min Scan# 1402
Delta R.T. -0.02 min
Lab File: BF093959.D
Acq: 27 Mar 2017 23:14

Instrument :
BNA_F
ClientSampleId :
PZ-8

Tot Ion:149 Resp: 65726
Ion Ratio Lower Upper
149 100
177 22.2 16.7 25.1
150 11.4 10.2 15.2

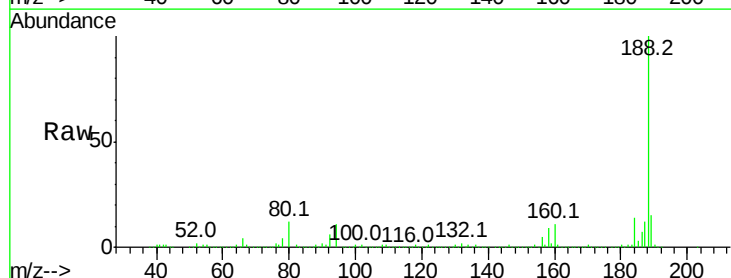


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

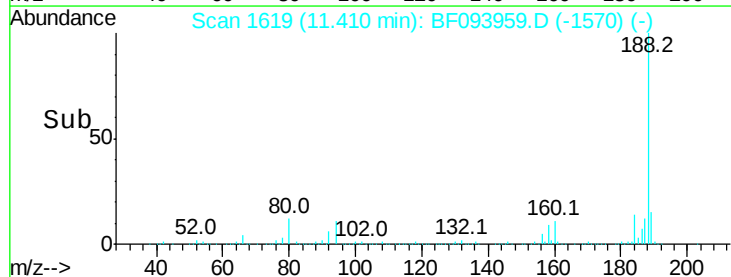
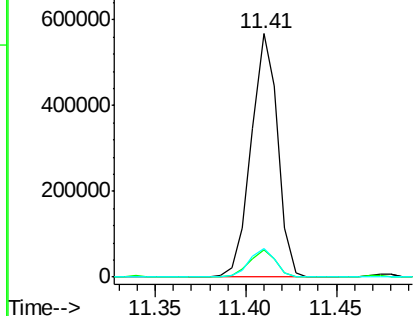


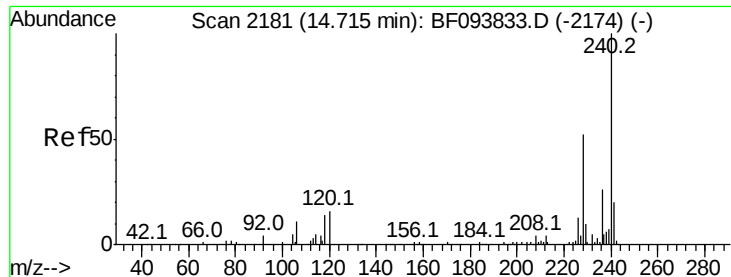
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.41 min Scan# 1619
Delta R.T. -0.01 min
Lab File: BF093959.D
Acq: 27 Mar 2017 23:14

Tgt Ion:188 Resp: 576076
Ion Ratio Lower Upper
188 100
94 11.2 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: 20.00 ng

RT: 14.66 min Scan# 2172

Delta R.T. -0.02 min

Lab File: BF093959.D

Acq: 27 Mar 2017 23:14

Instrument :

BNA_F

ClientSampleId :

PZ-8

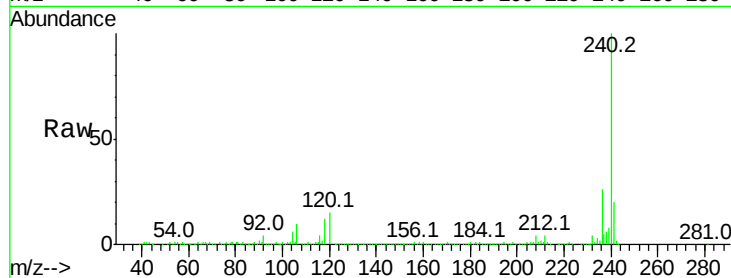
Tot Ion:240 Resp: 475850

Ion Ratio Lower Upper

240 100

120 14.6 5.8 8.8#

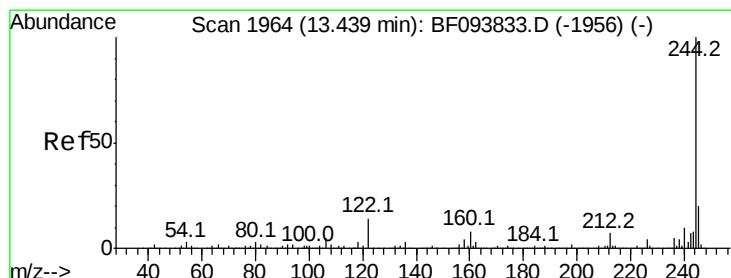
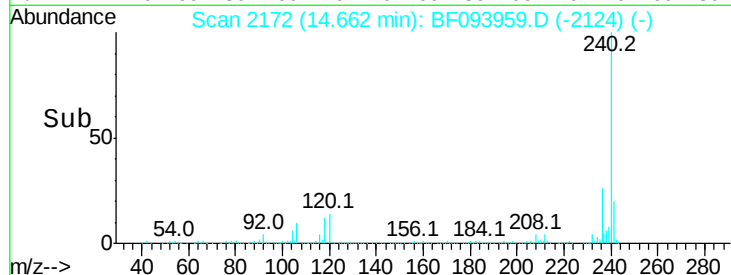
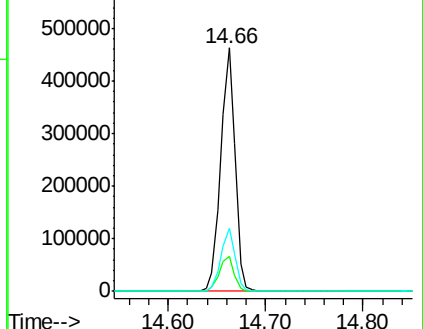
236 25.8 20.5 30.7



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: 73.25 ng

RT: 13.40 min Scan# 1957

Delta R.T. -0.01 min

Lab File: BF093959.D

Acq: 27 Mar 2017 23:14

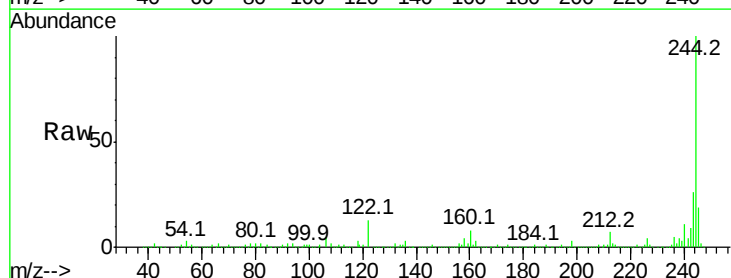
Tgt Ion:244 Resp: 1555009

Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

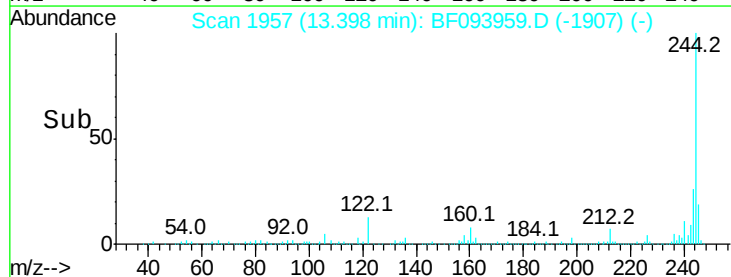
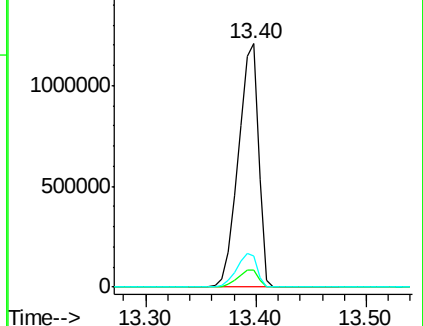
122 13.0 10.3 15.5

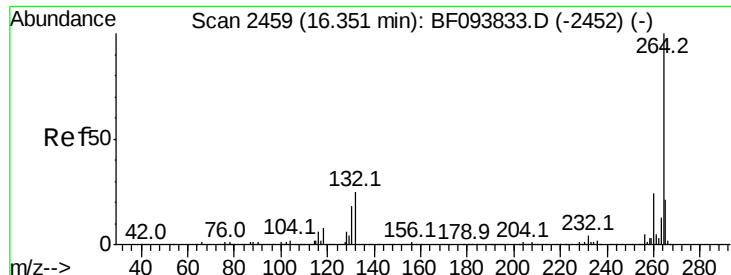


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

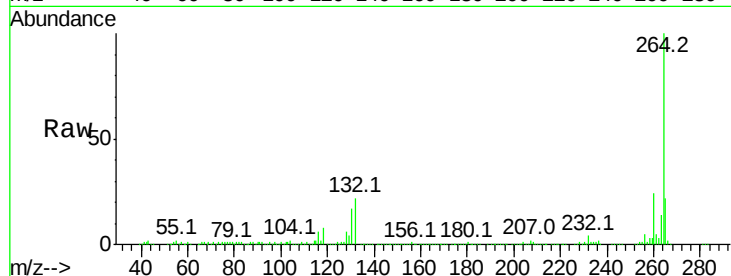




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 16.30 min Scan# 2450
 Delta R.T. -0.01 min
 Lab File: BF093959.D
 Acq: 27 Mar 2017 23:14

Instrument :
 BNA_F
 ClientSampleId :
 PZ-8

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.5	29.3
265	21.8	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

