

Data Path : Z:\HPCHEM1\BNA F\DATA\BF033017\
 Data File : BF094077.D
 Acq On : 31 Mar 2017 00:05
 Operator : SJ/MA
 Sample : I2417-11
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SW-4(8-8.5)

Quant Time: Mar 31 01:53:35 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

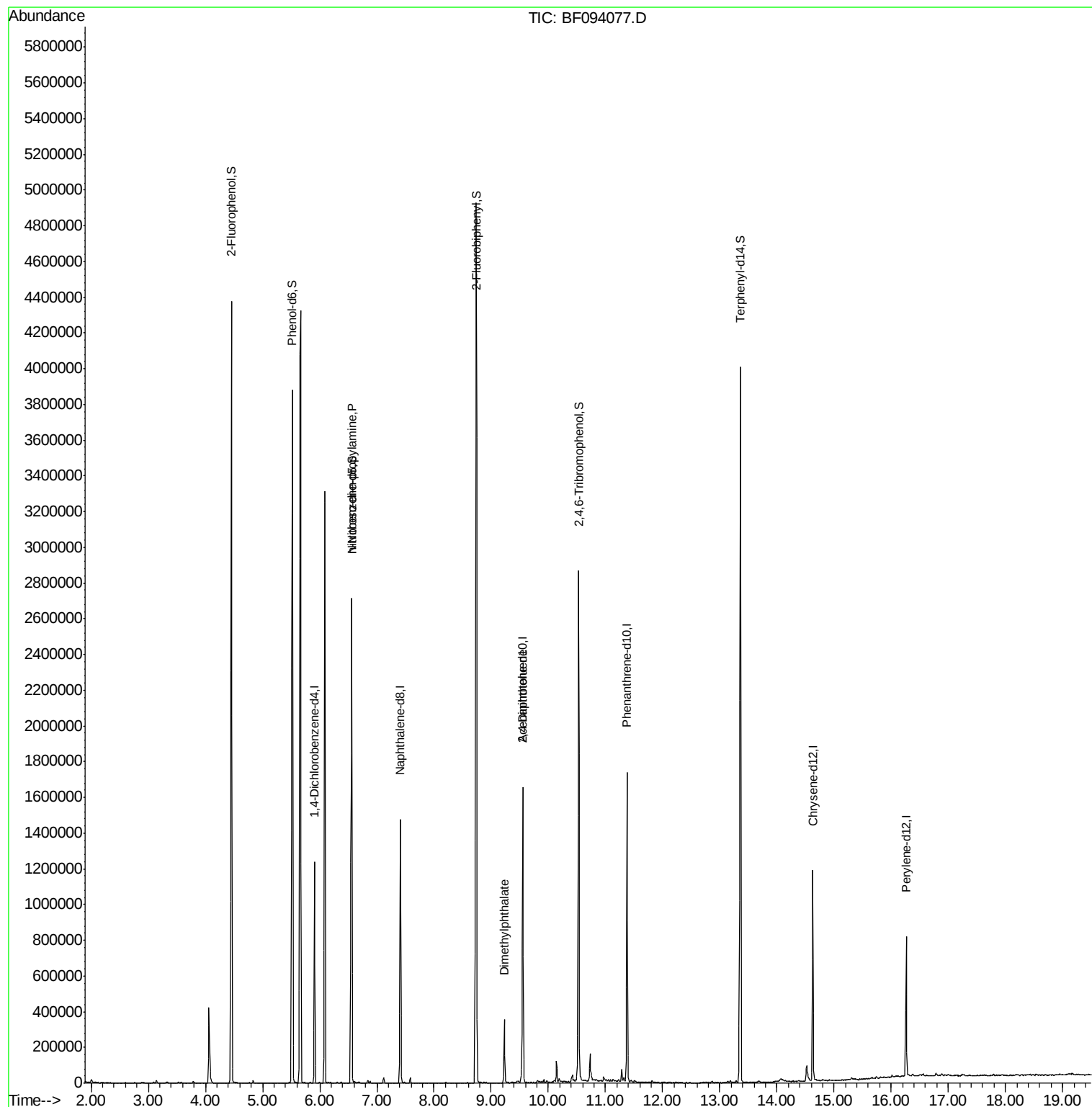
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.91	152	198360	20.00	ng	-0.04
21) Naphthalene-d8	7.41	136	828457	20.00	ng	-0.05
38) Acenaphthene-d10	9.56	164	396215	20.00	ng	-0.04
63) Phenanthrene-d10	11.38	188	671349	20.00	ng	-0.04
75) Chrysene-d12	14.63	240	466189	20.00	ng	-0.05
86) Perylene-d12	16.26	264	322692	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	4.46	112	1441232	122.72	ng	-0.02
7) Phenol-d6	5.52	99	1940091	133.54	ng	-0.03
23) Nitrobenzene-d5	6.56	82	1204309	82.96	ng	-0.04
41) 2,4,6-Tribromophenol	10.53	330	428464	136.85	ng	-0.04
44) 2-Fluorobiphenyl	8.74	172	2110827	81.26	ng	-0.04
78) Terphenyl-d14	13.36	244	1647271	79.20	ng	-0.04
Target Compounds						
19) n-Nitroso-di-n-propylamine	6.56	70	160393	17.18	ng	# 75
49) Dimethylphthalate	9.23	163	171979	6.11	ng	97
56) 2,4-Dinitrotoluene	9.55	165	51377	6.33	ng	# 32

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

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SW-4(8-8.5)

Quant Time: Mar 31 01:53:35 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: 5.91 min Scan# 684

Delta R.T. -0.04 min

Lab File: BF094077.D

Acq: 31 Mar 2017 00:05

Instrument :

BNA_F

ClientSampleId :

SW-4(8-8.5)

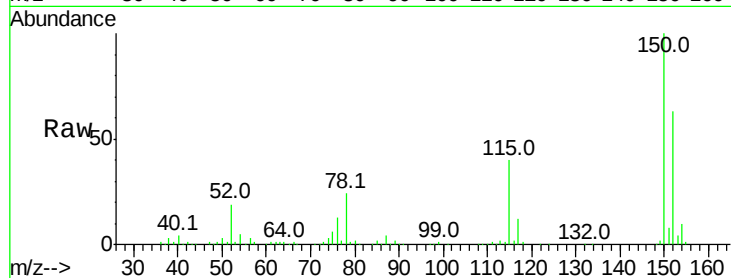
Tot Ion:152 Resp: 198360

Ion Ratio Lower Upper

152 100

150 157.9 126.2 189.2

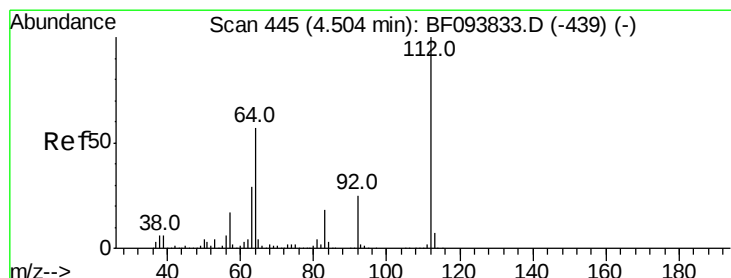
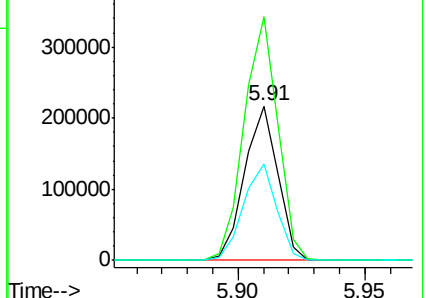
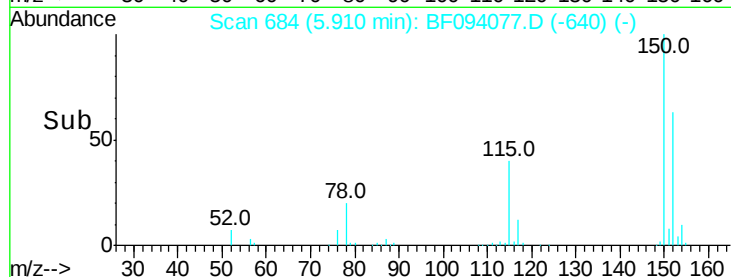
115 62.9 52.2 78.2



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: 122.72 ng

RT: 4.46 min Scan# 437

Delta R.T. -0.02 min

Lab File: BF094077.D

Acq: 31 Mar 2017 00:05

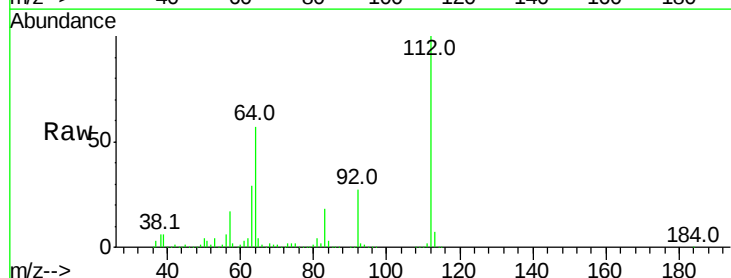
Tgt Ion:112 Resp: 1441232

Ion Ratio Lower Upper

112 100

64 57.2 46.0 69.0

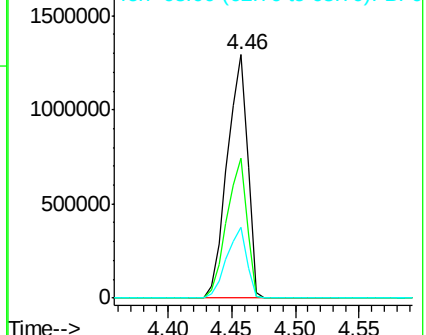
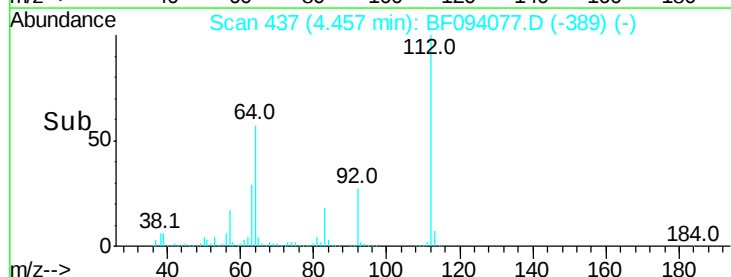
63 28.9 23.4 35.0



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: 133.54 ng

RT: 5.52 min Scan# 618

Delta R.T. -0.03 min

Lab File: BF094077.D

Acq: 31 Mar 2017 00:05

Instrument :

BNA_F

ClientSampled :

SW-4(8-8.5)

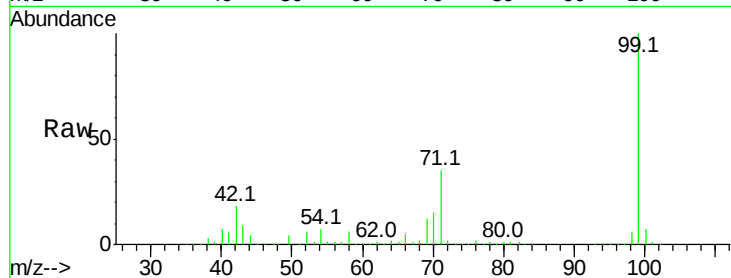
Tot Ion: 99 Resp: 1940091

Ion Ratio Lower Upper

99 100

42 18.0 13.5 20.3

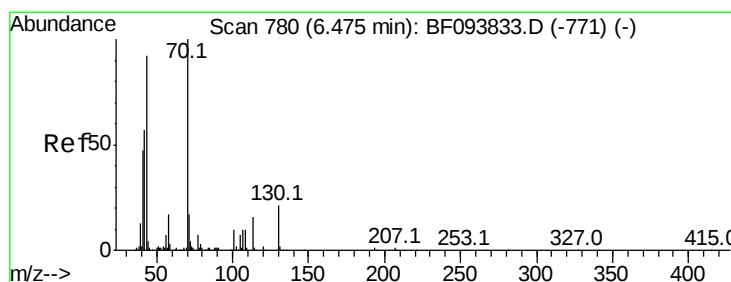
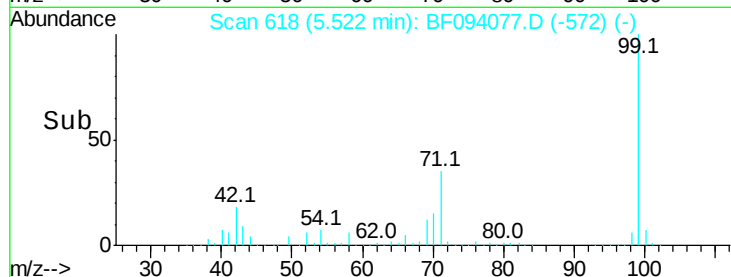
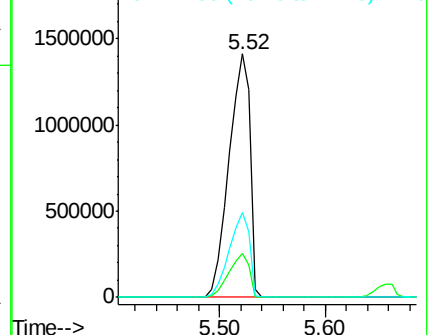
71 34.7 24.5 36.7



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: 17.18 ng

RT: 6.56 min Scan# 795

Delta R.T. 0.12 min

Lab File: BF094077.D

Acq: 31 Mar 2017 00:05

Tgt Ion: 70 Resp: 160393

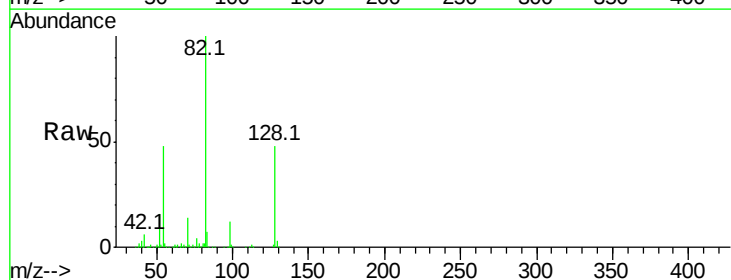
Ion Ratio Lower Upper

70 100

42 43.7 47.2 70.8#

101 0.0 7.2 10.8#

130 2.1 15.9 23.9#

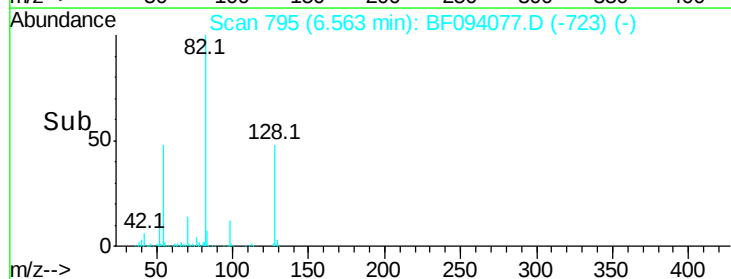
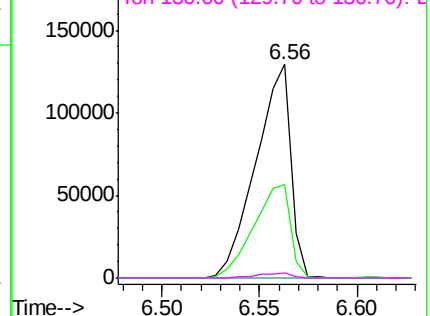


Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 7.41 min Scan# 939

Delta R.T. -0.05 min

Lab File: BF094077.D

Acq: 31 Mar 2017 00:05

Instrument :

BNA_F

ClientSampleId :

SW-4(8-8.5)

Tot Ion:136 Resp: 828457

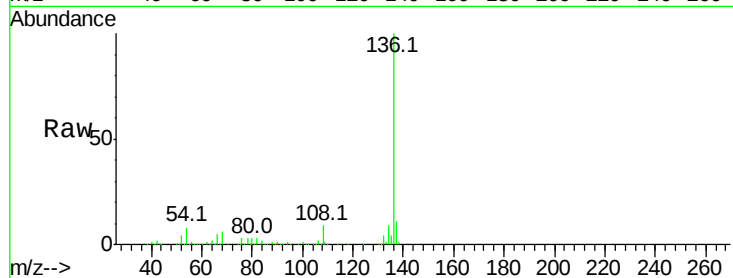
Ion Ratio Lower Upper

136 100

137 10.8 8.5 12.7

54 7.7 4.9 7.3#

68 5.9 4.1 6.1

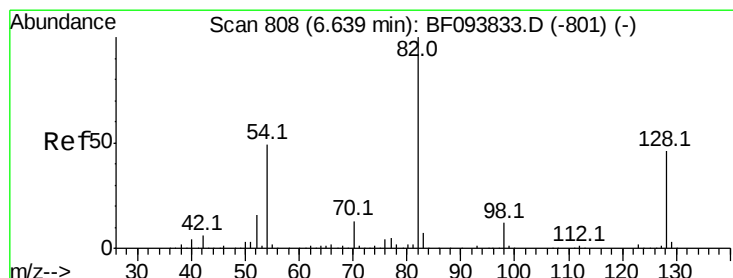
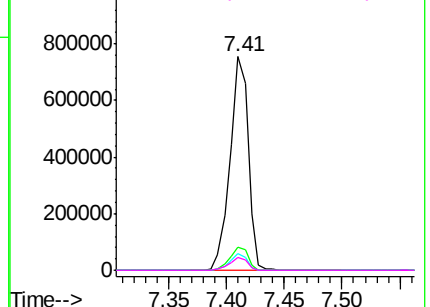
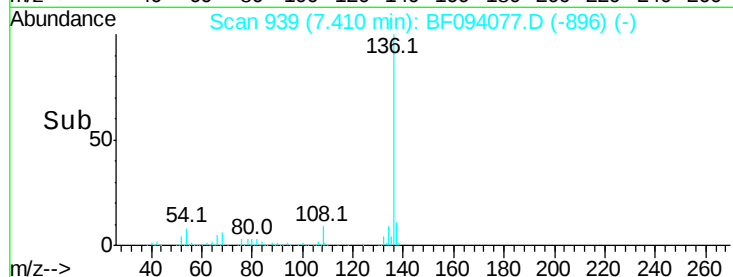


Abundance Ion 136.00 (135.70 to 136.70): E

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: 82.96 ng

RT: 6.56 min Scan# 795

Delta R.T. -0.04 min

Lab File: BF094077.D

Acq: 31 Mar 2017 00:05

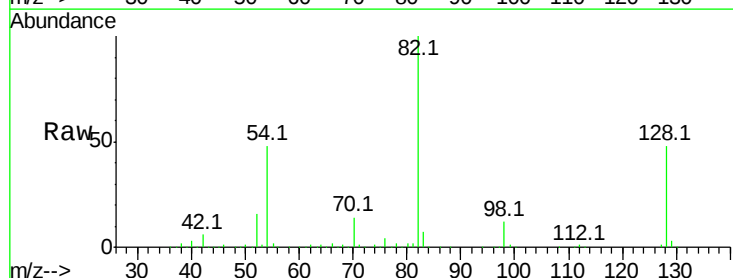
Tgt Ion: 82 Resp: 1204309

Ion Ratio Lower Upper

82 100

128 48.2 34.0 51.0

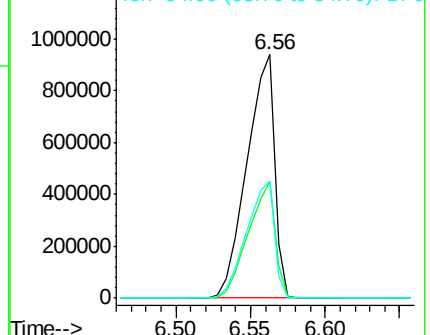
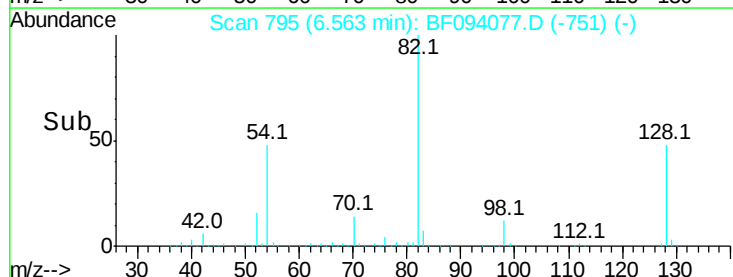
54 48.3 42.2 63.2



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

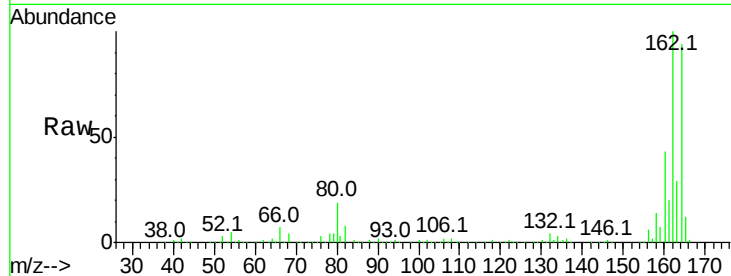




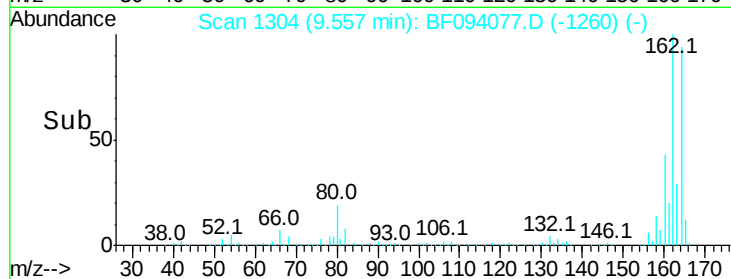
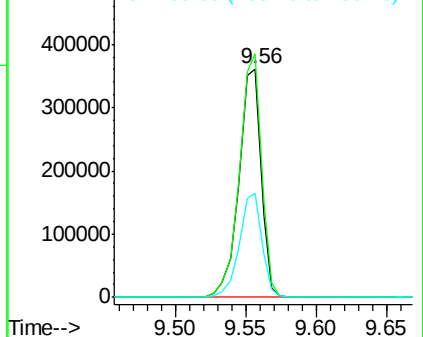
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.56 min Scan# 1304
Delta R.T. -0.04 min
Lab File: BF094077.D
Acq: 31 Mar 2017 00:05

Instrument :
BNA_F
ClientSampleId :
SW-4(8-8.5)

Tot Ion:164 Resp: 396215
Ion Ratio Lower Upper
164 100
162 106.6 82.6 123.8
160 45.7 36.2 54.2

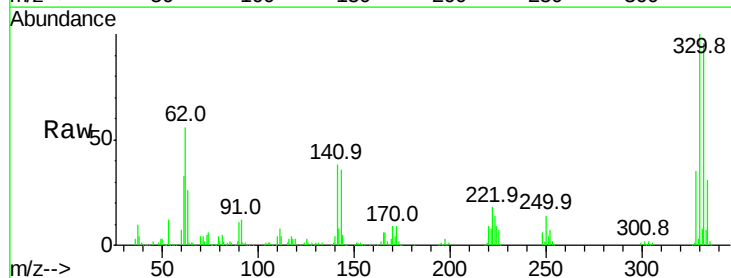


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

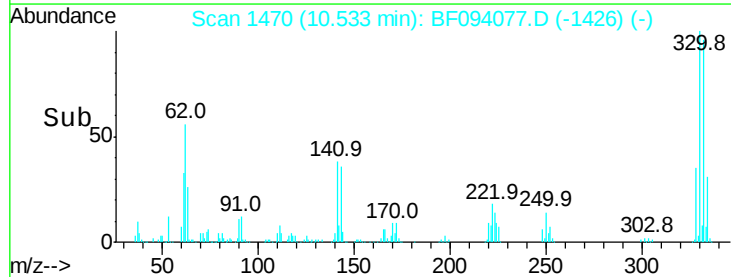
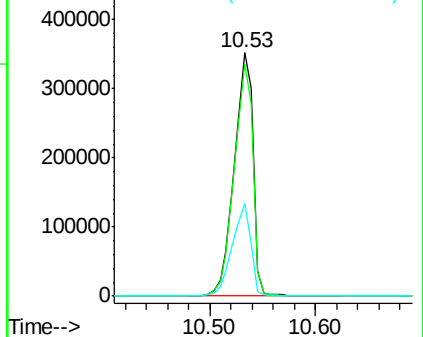


#41
2,4,6-Tribromophenol
Concen: 136.85 ng
RT: 10.53 min Scan# 1470
Delta R.T. -0.04 min
Lab File: BF094077.D
Acq: 31 Mar 2017 00:05

Tgt Ion:330 Resp: 428464
Ion Ratio Lower Upper
330 100
332 95.4 76.6 115.0
141 37.6 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



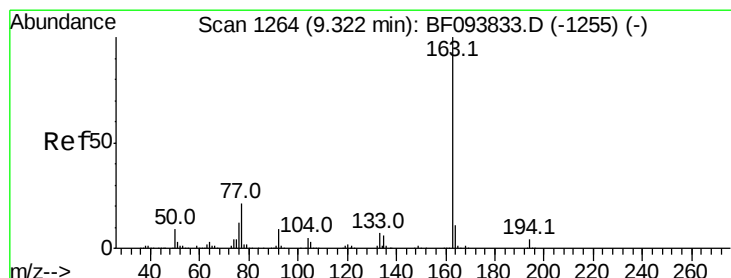
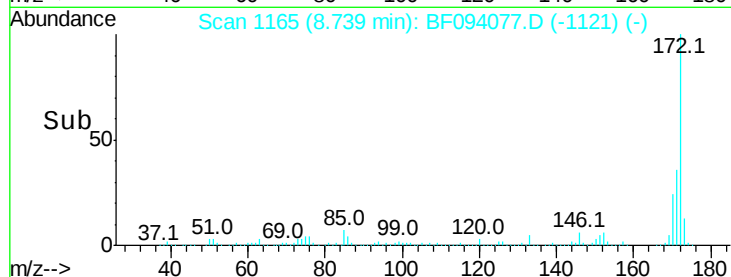
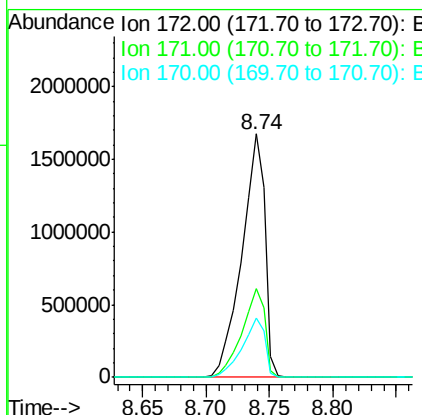
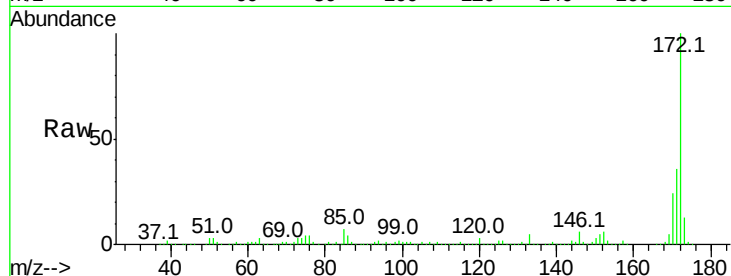


#44
2-Fluorobiphenyl
Concen: 81.26 ng
RT: 8.74 min Scan# 1165
Delta R.T. -0.04 min
Lab File: BF094077.D
Acq: 31 Mar 2017 00:05

Instrument :
BNA_F
ClientSampleId :
SW-4(8-8.5)

Tot Ion:172 Resp: 2110827

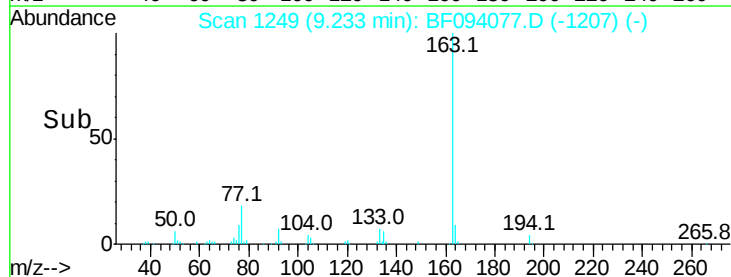
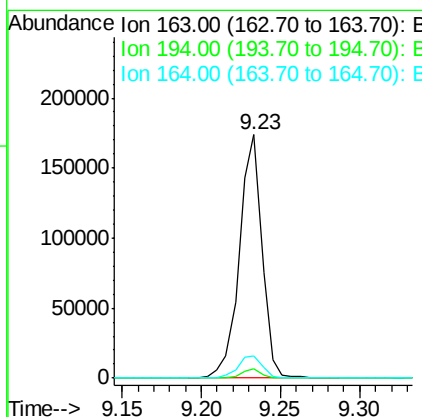
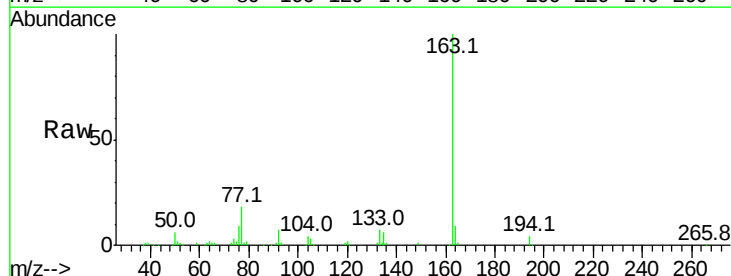
Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.6	44.4
170	24.5	19.8	29.8



#49
Dimethylphthalate
Concen: 6.11 ng
RT: 9.23 min Scan# 1249
Delta R.T. -0.05 min
Lab File: BF094077.D
Acq: 31 Mar 2017 00:05

Tgt Ion:163 Resp: 171979

Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.6	4.0
164	9.3	8.4	12.6

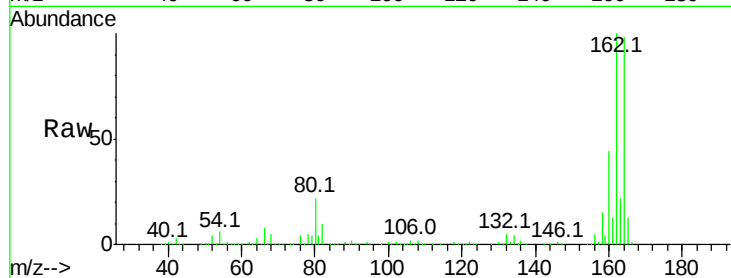




#56
 2,4-Dinitrotoluene
 Concen: 6.33 ng
 RT: 9.55 min Scan# 1303
 Delta R.T. -0.29 min
 Lab File: BF094077.D
 Acq: 31 Mar 2017 00:05

Instrument :
 BNA_F
 ClientSampleId :
 SW-4(8-8.5)

Tot Ion	Ratio	Lower	Upper
165	100		
63	0.7	25.4	38.0#
89	1.3	46.4	69.6#
182	0.0	1.8	2.6#

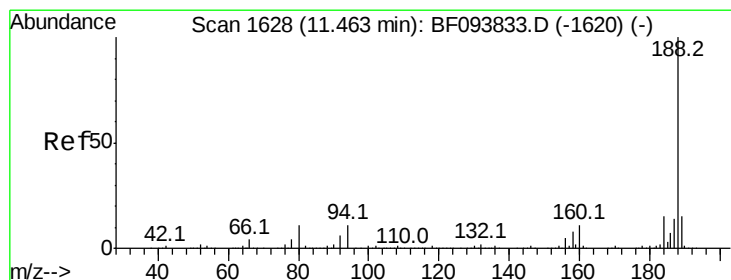
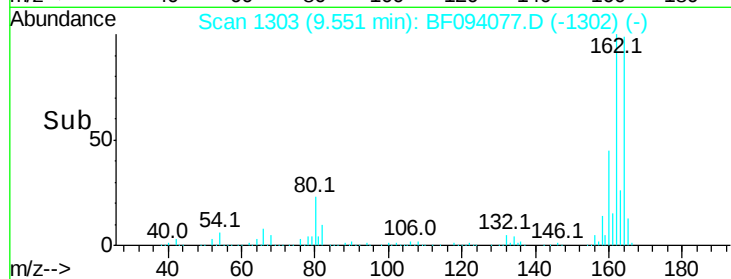
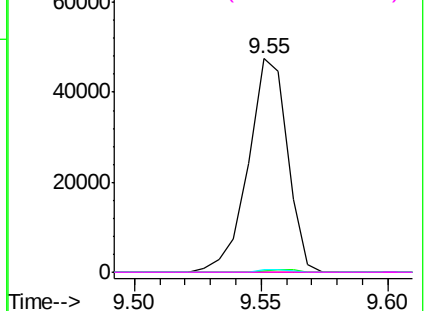


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

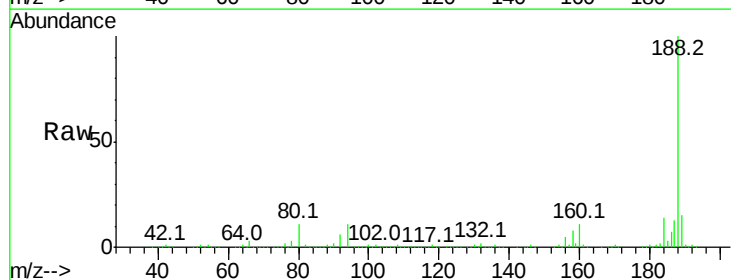
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.38 min Scan# 1614
 Delta R.T. -0.04 min
 Lab File: BF094077.D
 Acq: 31 Mar 2017 00:05

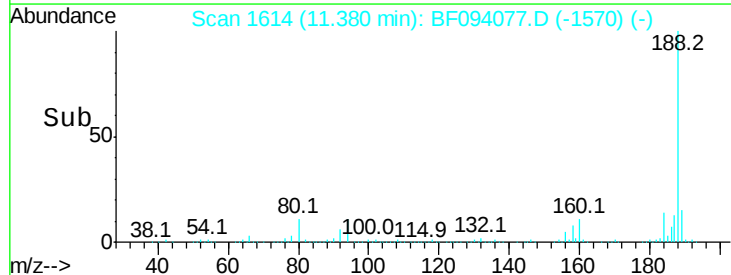
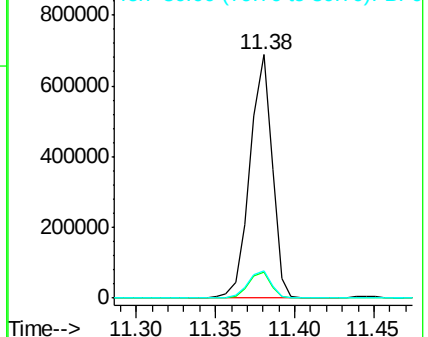
Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.5	9.4	14.2
80	11.4	10.2	15.2

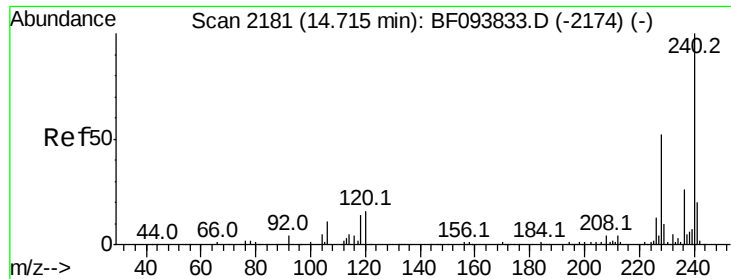


Abundance Ion 188.00 (187.70 to 188.70): E

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: 14.63 min Scan# 2166

Delta R.T. -0.05 min

Lab File: BF094077.D

Acq: 31 Mar 2017 00:05

Instrument :

BNA_F

ClientSampled :

SW-4(8-8.5)

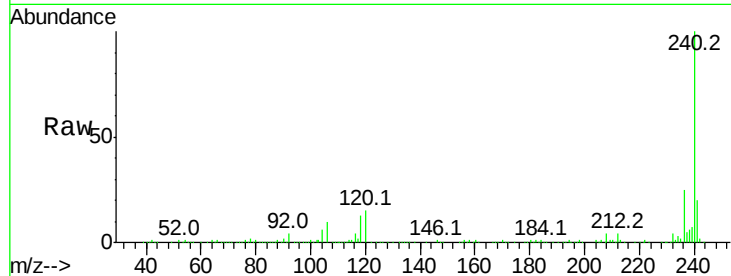
Tot Ion:240 Resp: 466189

Ion Ratio Lower Upper

240 100

120 14.7 5.8 8.8#

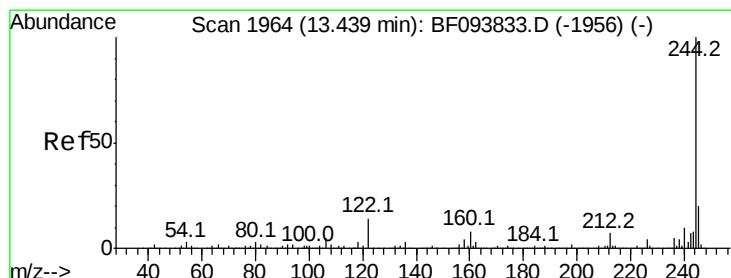
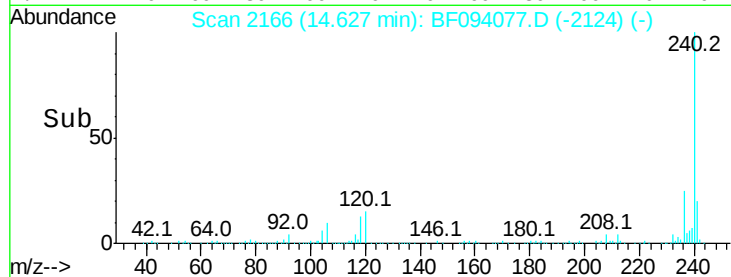
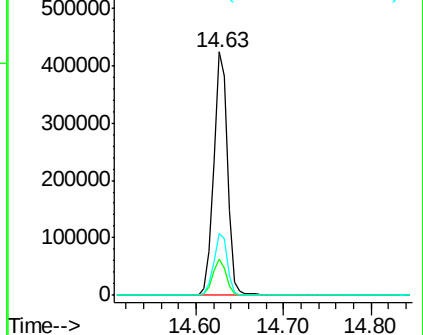
236 25.4 20.5 30.7



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: 79.20 ng

RT: 13.36 min Scan# 1951

Delta R.T. -0.04 min

Lab File: BF094077.D

Acq: 31 Mar 2017 00:05

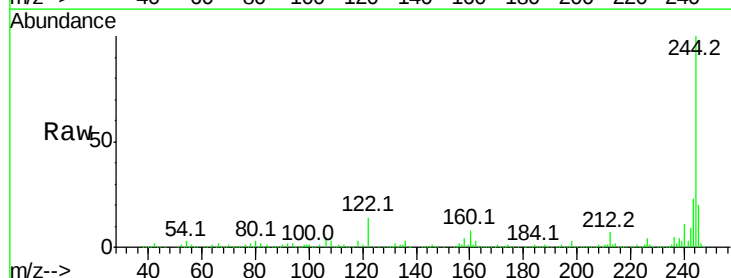
Tgt Ion:244 Resp: 1647271

Ion Ratio Lower Upper

244 100

212 7.3 6.0 9.0

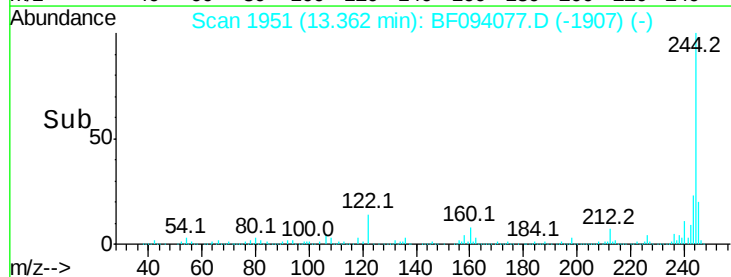
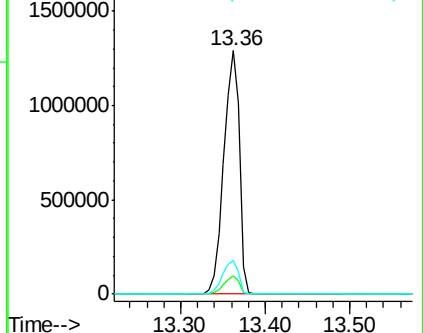
122 13.9 10.3 15.5

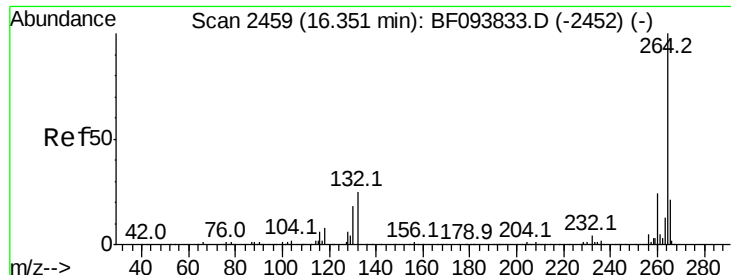


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

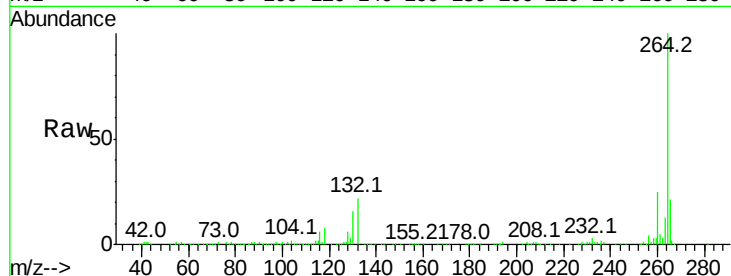




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 16.26 min Scan# 2444
 Delta R.T. -0.05 min
 Lab File: BF094077.D
 Acq: 31 Mar 2017 00:05

Instrument :
 BNA_F
 ClientSampleId :
 SW-4(8-8.5)

Tot Ion:264	Resp:	322692
Ion	Ratio	Lower Upper
264	100	
260	24.5	19.5 29.3
265	21.3	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

