

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032717\
 Data File : BF093957.D
 Acq On : 27 Mar 2017 22:18
 Operator : SJ/MA
 Sample : I2409-03
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LIP-16

Quant Time: Mar 28 00:29:05 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

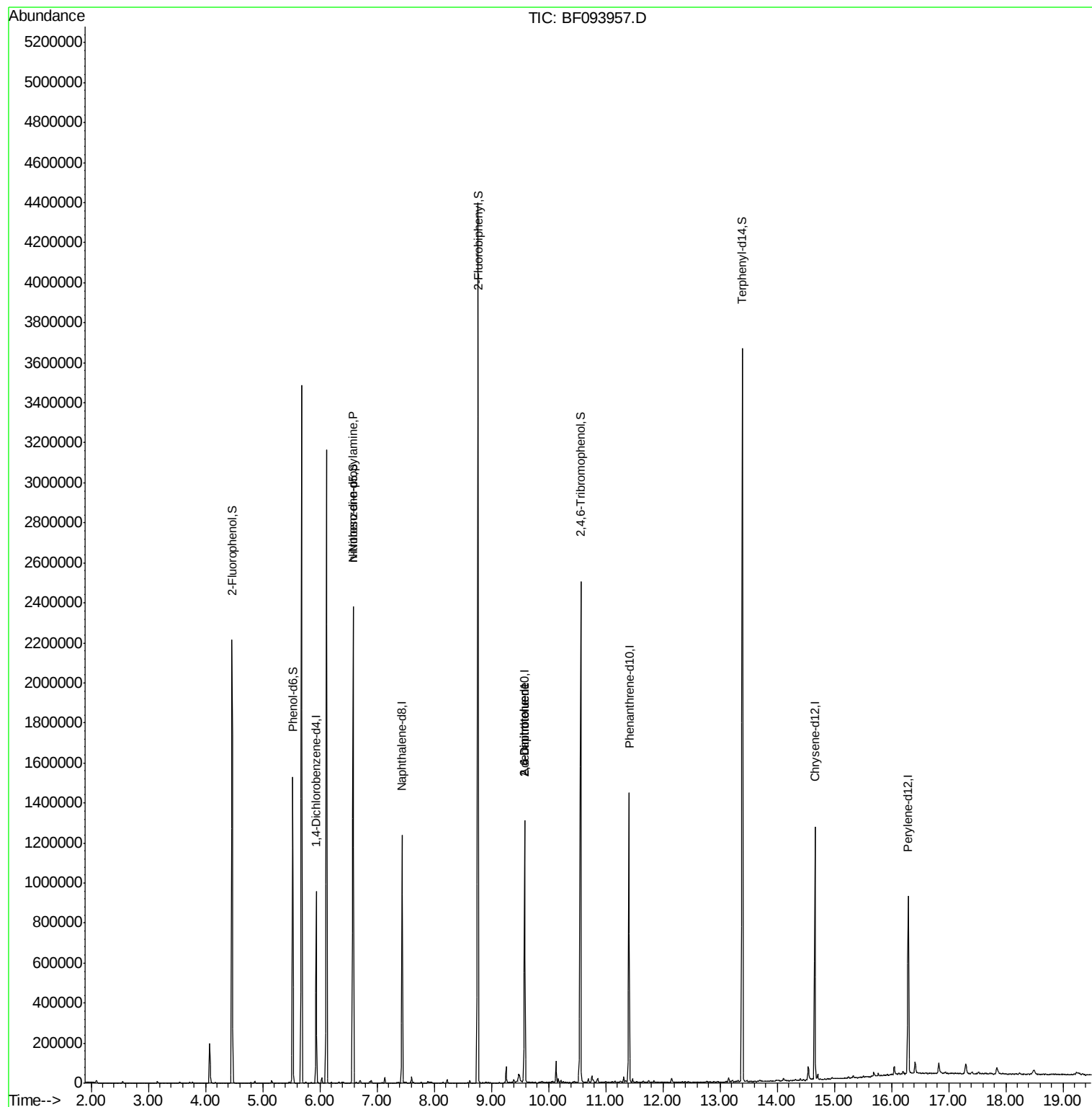
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.93	152	160085	20.00	ng	-0.02
21) Naphthalene-d8	7.44	136	648591	20.00	ng	-0.02
38) Acenaphthene-d10	9.59	164	305163	20.00	ng	-0.01
63) Phenanthrene-d10	11.41	188	559584	20.00	ng	-0.01
75) Chrysene-d12	14.66	240	489344	20.00	ng	-0.02
86) Perylene-d12	16.29	264	366237	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	4.46	112	638077	67.32	ng	-0.01
7) Phenol-d6	5.53	99	517993	44.18	ng	-0.02
23) Nitrobenzene-d5	6.59	82	985822	86.74	ng	-0.02
41) 2,4,6-Tribromophenol	10.56	330	372177	154.34	ng	-0.01
44) 2-Fluorobiphenyl	8.77	172	1800233	89.98	ng	-0.01
78) Terphenyl-d14	13.39	244	1603397	73.45	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	6.59	70	130372	17.30	ng	# 77
50) 2,6-Dinitrotoluene	9.59	165	38190	7.68	ng	# 34
56) 2,4-Dinitrotoluene	9.59	165	38189	6.11	ng	# 33

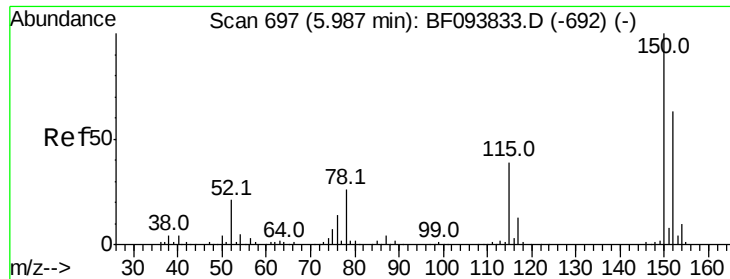
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 5.93 min Scan# 688

Delta R.T. -0.02 min

Lab File: BF093957.D

Acq: 27 Mar 2017 22:18

Instrument :

BNA_F

ClientSampleId :

LIP-16

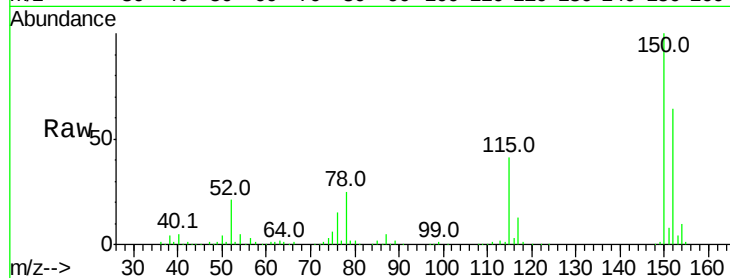
Tot Ion:152 Resp: 160085

Ion Ratio Lower Upper

152 100

150 156.7 126.2 189.2

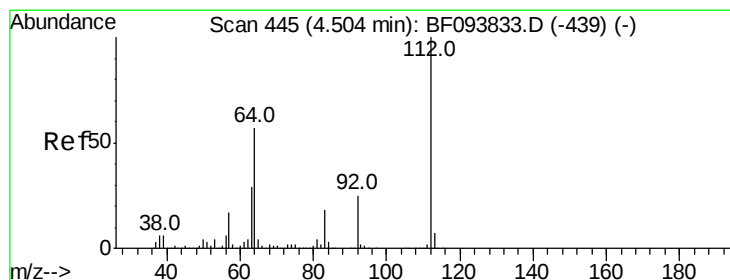
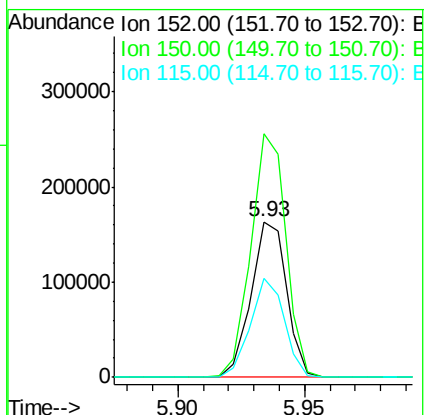
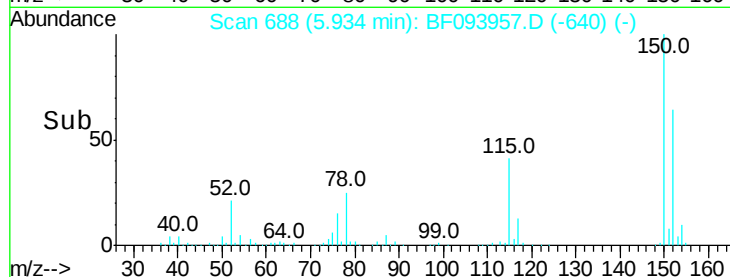
115 63.9 52.2 78.2



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: 67.32 ng

RT: 4.46 min Scan# 438

Delta R.T. -0.01 min

Lab File: BF093957.D

Acq: 27 Mar 2017 22:18

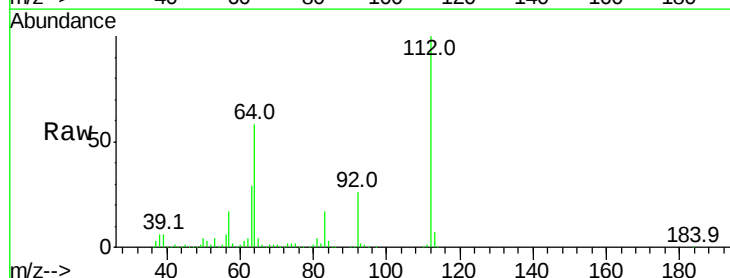
Tgt Ion:112 Resp: 638077

Ion Ratio Lower Upper

112 100

64 58.1 46.0 69.0

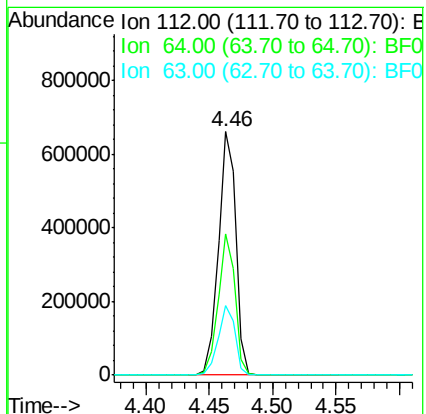
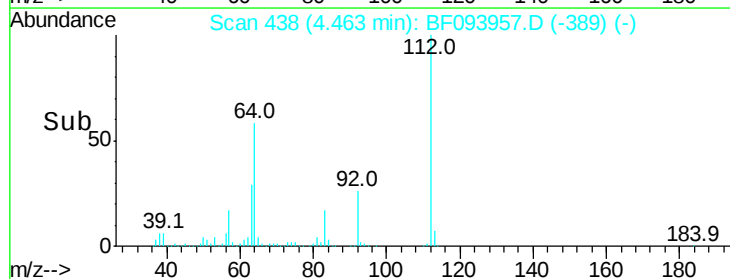
63 28.7 23.4 35.0

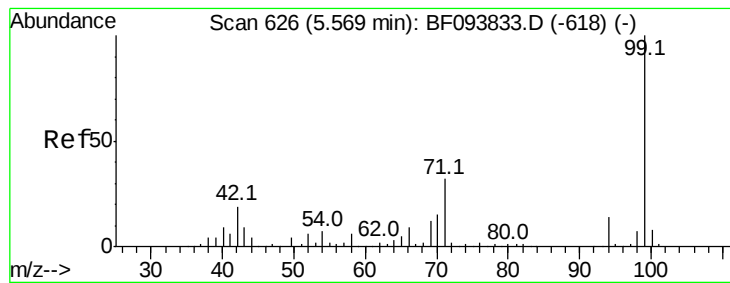


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 44.18 ng

RT: 5.53 min Scan# 619

Delta R.T. -0.02 min

Lab File: BF093957.D

Acq: 27 Mar 2017 22:18

Instrument :

BNA_F

ClientSampleId :

LIP-16

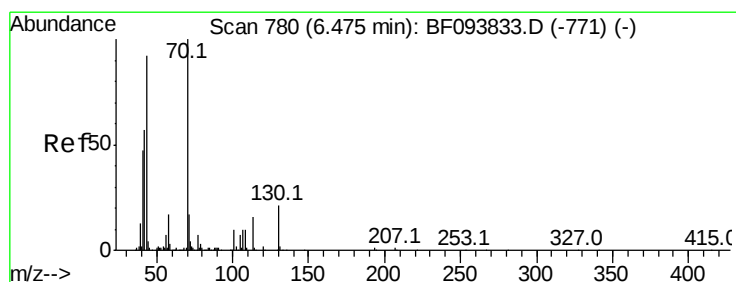
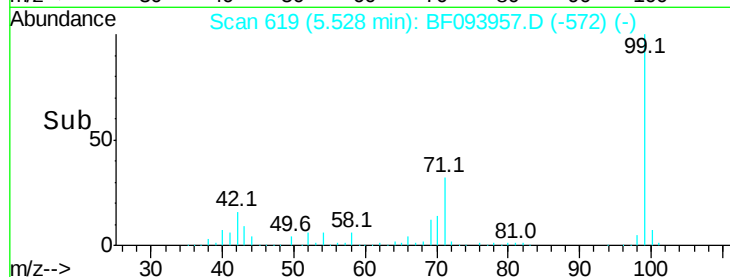
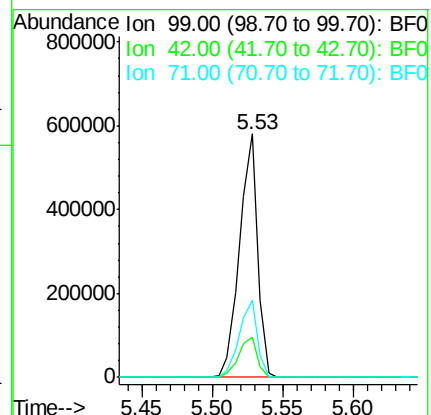
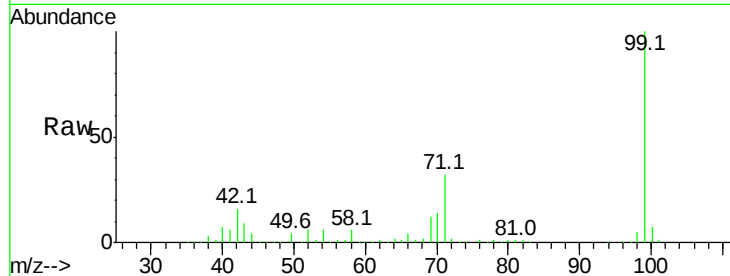
Tot Ion: 99 Resp: 517993

Ion Ratio Lower Upper

99 100

42 16.4 13.5 20.3

71 31.7 24.5 36.7



#19

n-Nitroso-di-n-propylamine

Concen: 17.30 ng

RT: 6.59 min Scan# 799

Delta R.T. 0.15 min

Lab File: BF093957.D

Acq: 27 Mar 2017 22:18

Tgt Ion: 70 Resp: 130372

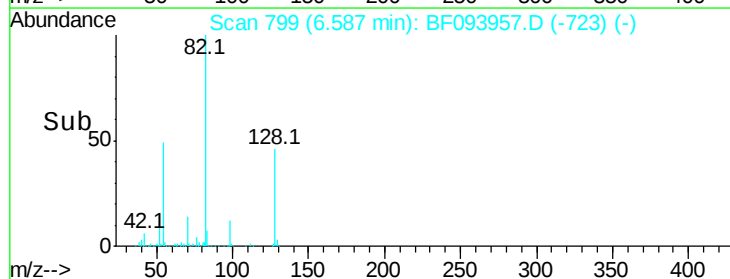
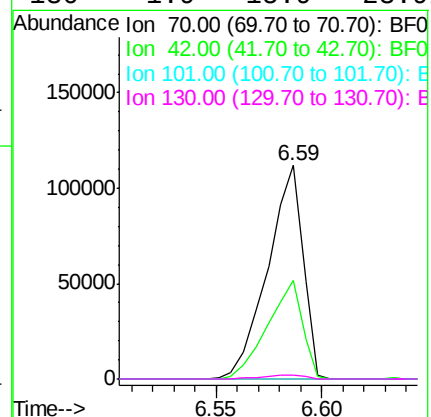
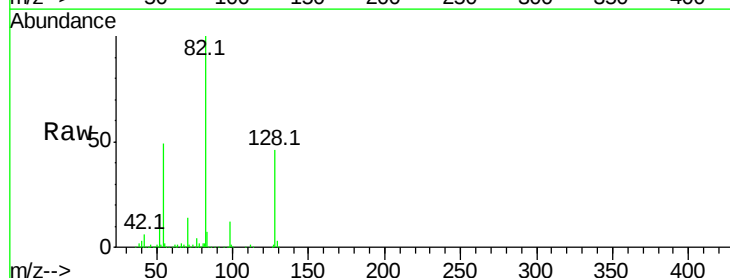
Ion Ratio Lower Upper

70 100

42 46.2 47.2 70.8#

101 0.0 7.2 10.8#

130 1.9 15.9 23.9#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.44 min Scan# 944

Delta R.T. -0.02 min

Lab File: BF093957.D

Acq: 27 Mar 2017 22:18

Instrument :

BNA_F

ClientSampleId :

LIP-16

Tot Ion:136 Resp: 648591

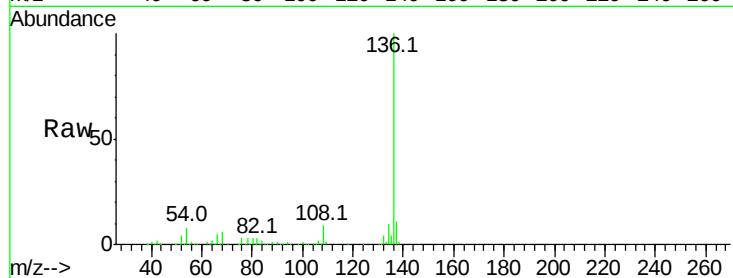
Ion Ratio Lower Upper

136 100

137 11.1 8.5 12.7

54 7.8 4.9 7.3#

68 6.1 4.1 6.1#

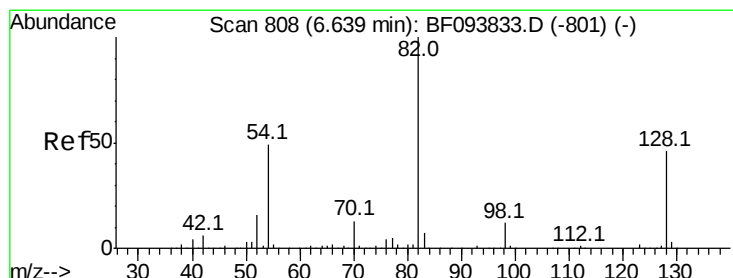
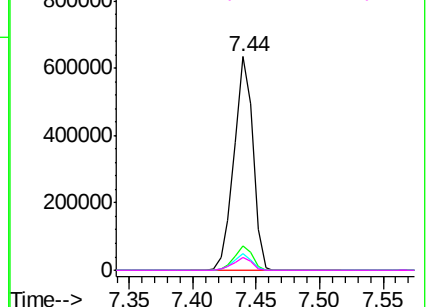
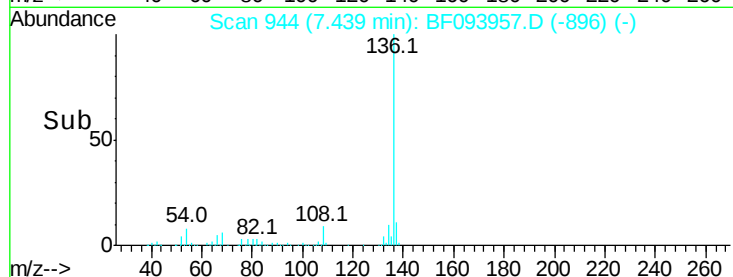


Abundance Ion 136.00 (135.70 to 136.70): E

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: 86.74 ng

RT: 6.59 min Scan# 799

Delta R.T. -0.02 min

Lab File: BF093957.D

Acq: 27 Mar 2017 22:18

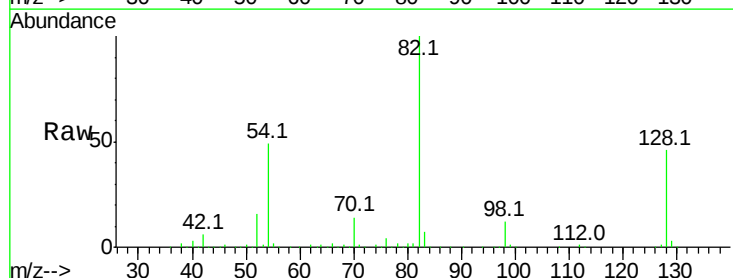
Tgt Ion: 82 Resp: 985822

Ion Ratio Lower Upper

82 100

128 46.3 34.0 51.0

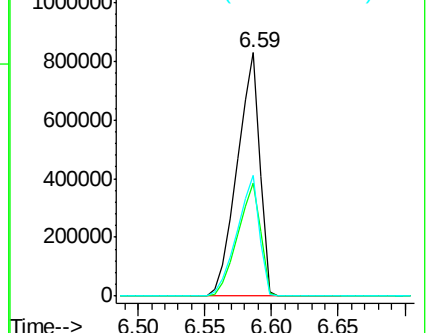
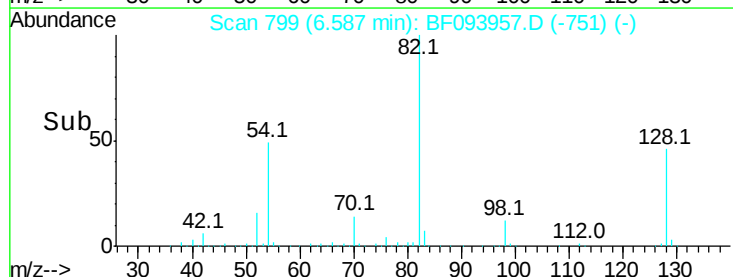
54 49.5 42.2 63.2



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

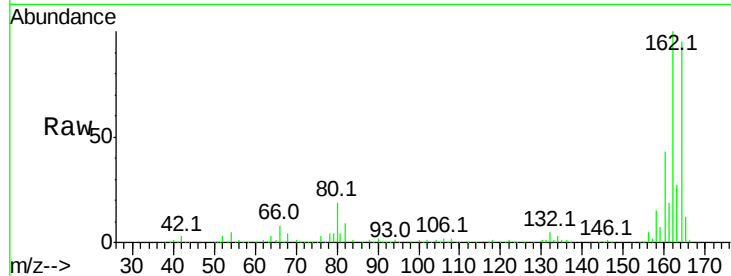




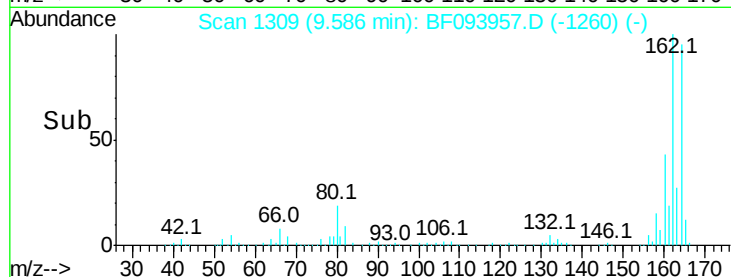
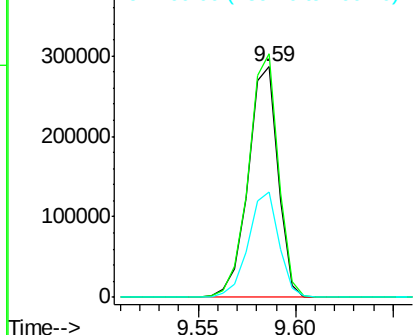
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.59 min Scan# 1309
 Delta R.T. -0.01 min
 Lab File: BF093957.D
 Acq: 27 Mar 2017 22:18

Instrument :
 BNA_F
 ClientSampleId :
 LIP-16

Tot Ion:164 Resp: 305163
 Ion Ratio Lower Upper
 164 100
 162 105.7 82.6 123.8
 160 45.8 36.2 54.2

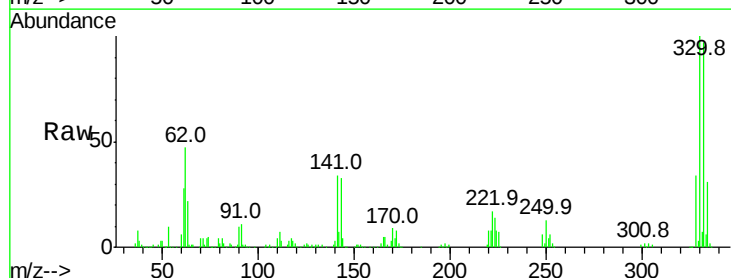


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

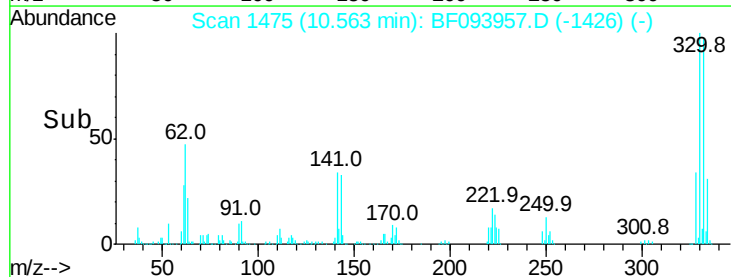
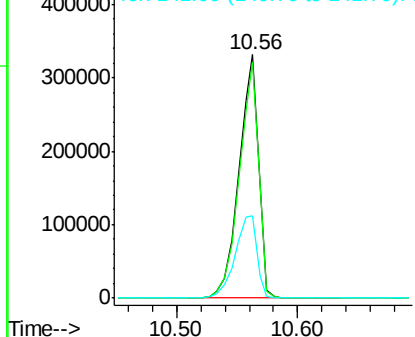


#41
 2,4,6-Tribromophenol
 Concen: 154.34 ng
 RT: 10.56 min Scan# 1475
 Delta R.T. -0.01 min
 Lab File: BF093957.D
 Acq: 27 Mar 2017 22:18

Tgt Ion:330 Resp: 372177
 Ion Ratio Lower Upper
 330 100
 332 96.4 76.6 115.0
 141 38.1 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



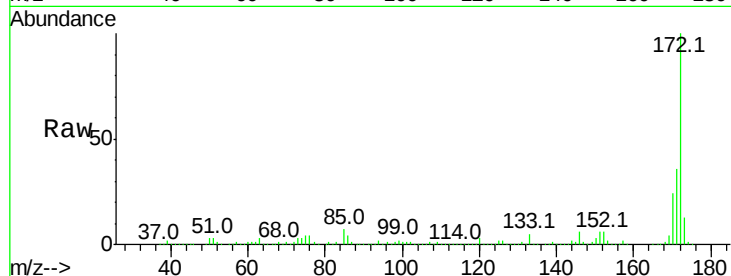


#44
 2-Fluorobiphenyl
 Concen: 89.98 ng
 RT: 8.77 min Scan# 1170
 Delta R.T. -0.01 min
 Lab File: BF093957.D
 Acq: 27 Mar 2017 22:18

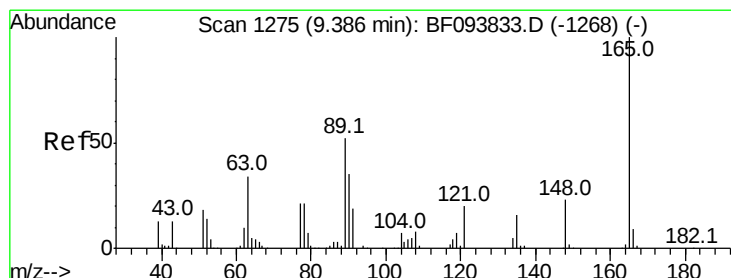
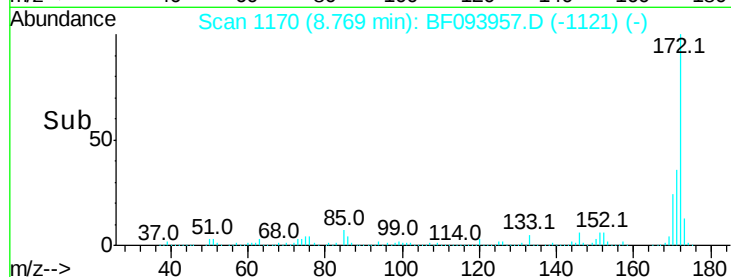
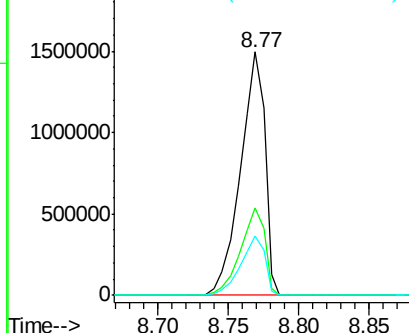
Instrument :
 BNA_F
 ClientSampleId :
 LIP-16

Tot Ion:172 Resp: 1800233

Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.6	44.4
170	24.4	19.8	29.8



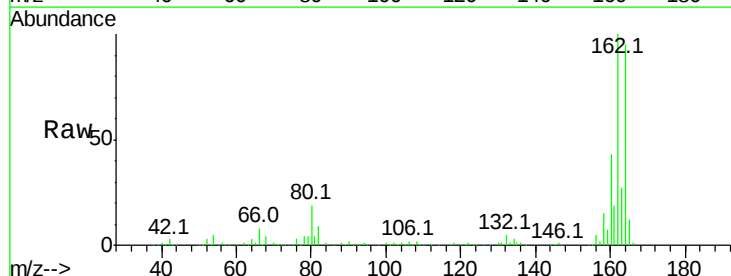
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



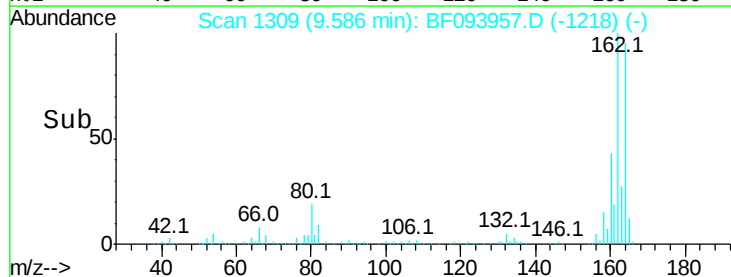
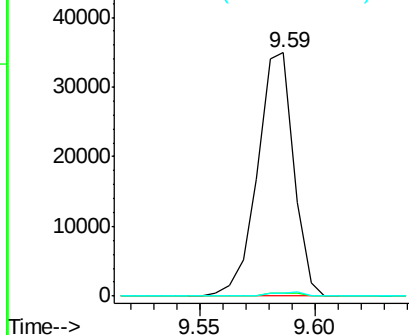
#50
 2,6-Dinitrotoluene
 Concen: 7.68 ng
 RT: 9.59 min Scan# 1309
 Delta R.T. 0.24 min
 Lab File: BF093957.D
 Acq: 27 Mar 2017 22:18

Tgt Ion:165 Resp: 38190

Ion	Ratio	Lower	Upper
165	100		
63	1.3	34.3	51.5#
89	1.5	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

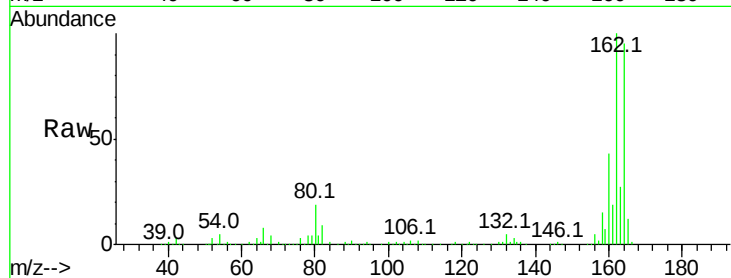




#56
 2,4-Dinitrotoluene
 Concen: 6.11 ng
 RT: 9.59 min Scan# 1309
 Delta R.T. -0.26 min
 Lab File: BF093957.D
 Acq: 27 Mar 2017 22:18

Instrument :
 BNA_F
 ClientSampled :
 LIP-16

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.3	25.4	38.0#
89	1.5	46.4	69.6#
182	0.0	1.8	2.6#

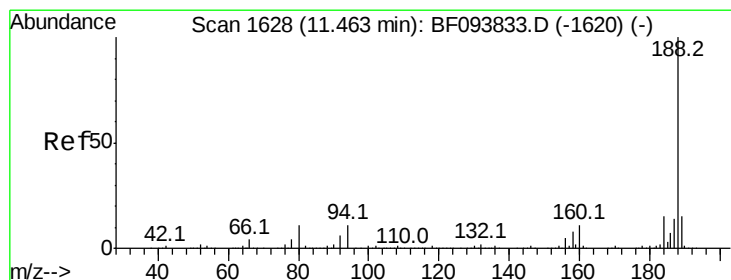
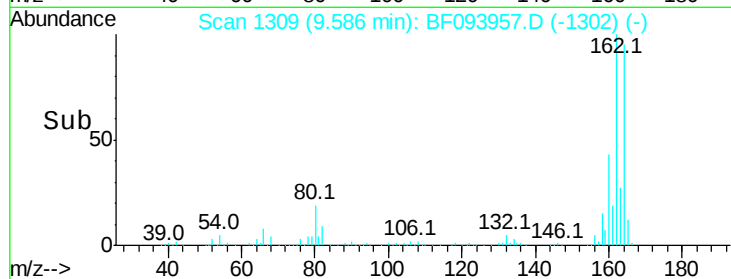
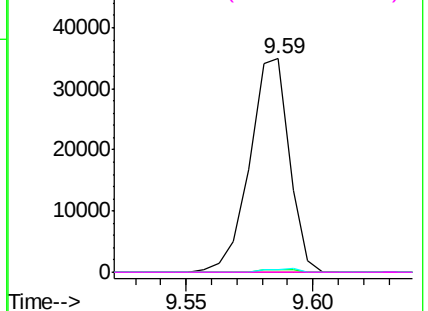


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

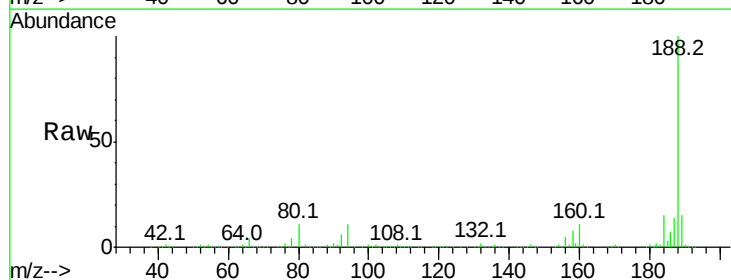
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.41 min Scan# 1619
 Delta R.T. -0.01 min
 Lab File: BF093957.D
 Acq: 27 Mar 2017 22:18

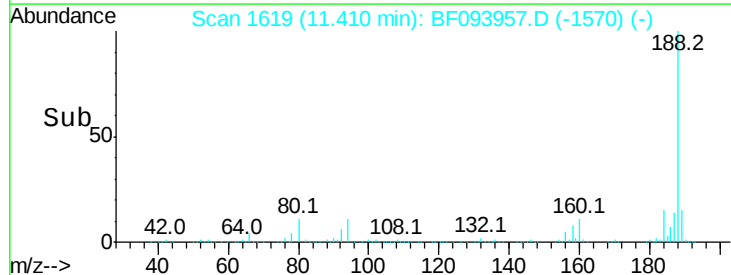
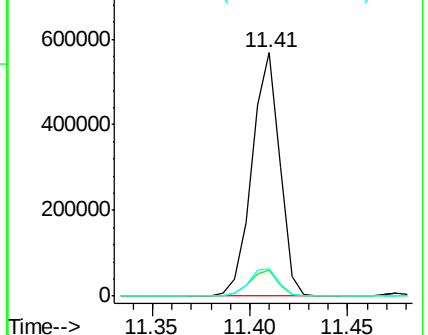
Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.9	9.4	14.2
80	11.4	10.2	15.2

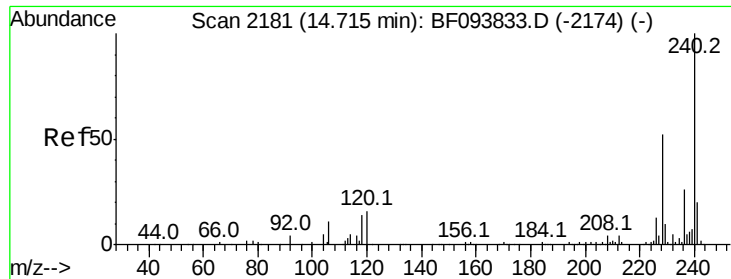


Abundance Ion 188.00 (187.70 to 188.70): E

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: 14.66 min Scan# 2172

Delta R.T. -0.02 min

Lab File: BF093957.D

Acq: 27 Mar 2017 22:18

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LIP-16

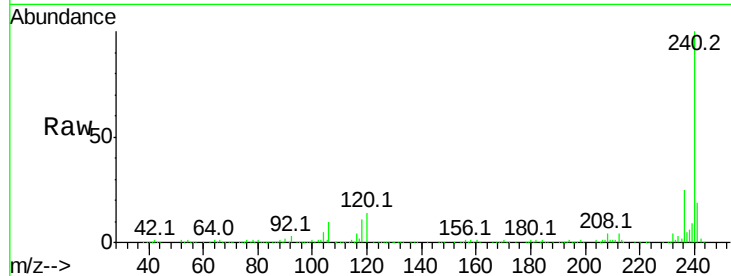
Tot Ion:240 Resp: 489344

Ion Ratio Lower Upper

240 100

120 13.5 5.8 8.8#

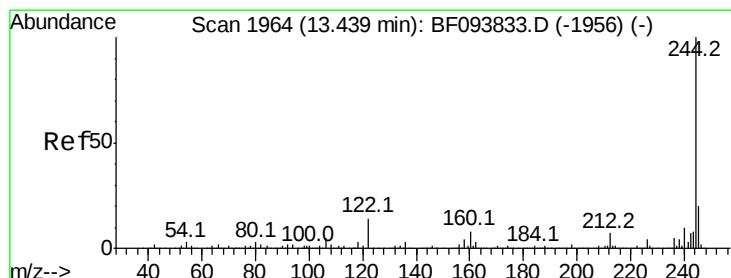
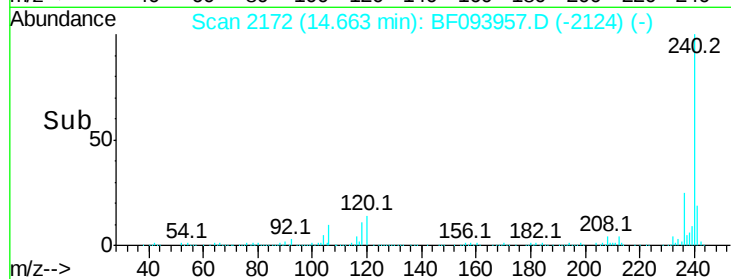
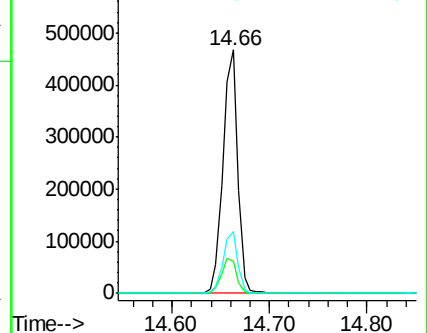
236 25.2 20.5 30.7



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: 73.45 ng

RT: 13.39 min Scan# 1956

Delta R.T. -0.01 min

Lab File: BF093957.D

Acq: 27 Mar 2017 22:18

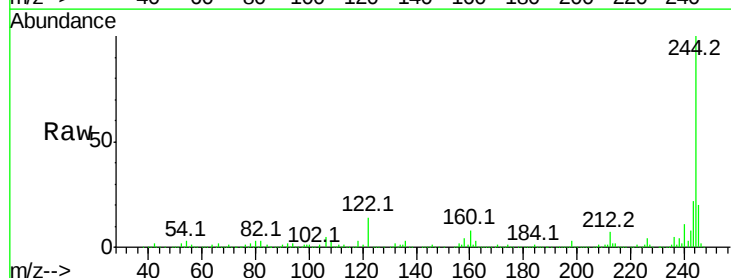
Tgt Ion:244 Resp: 1603397

Ion Ratio Lower Upper

244 100

212 7.3 6.0 9.0

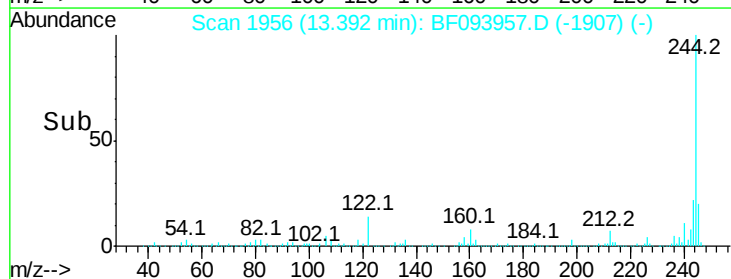
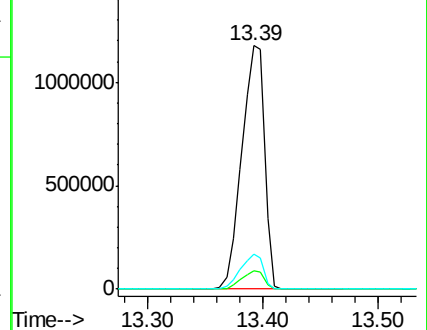
122 14.3 10.3 15.5

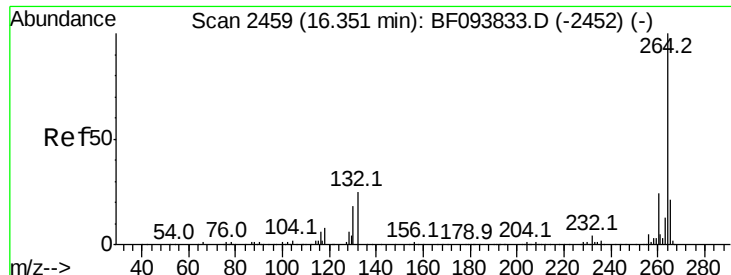


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

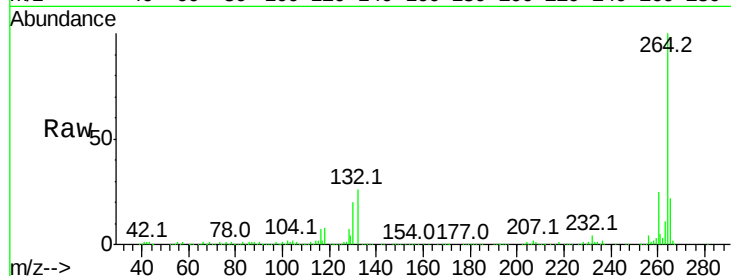




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 16.29 min Scan# 2449
 Delta R.T. -0.02 min
 Lab File: BF093957.D
 Acq: 27 Mar 2017 22:18

Instrument :
 BNA_F
 ClientSampleId :
 LIP-16

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.5	29.3
265	21.7	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

