

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032917\
 Data File : BF094019.D
 Acq On : 29 Mar 2017 15:37
 Operator : SJ/MA
 Sample : PB97899BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB97899BL

Quant Time: Mar 30 01:07:28 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

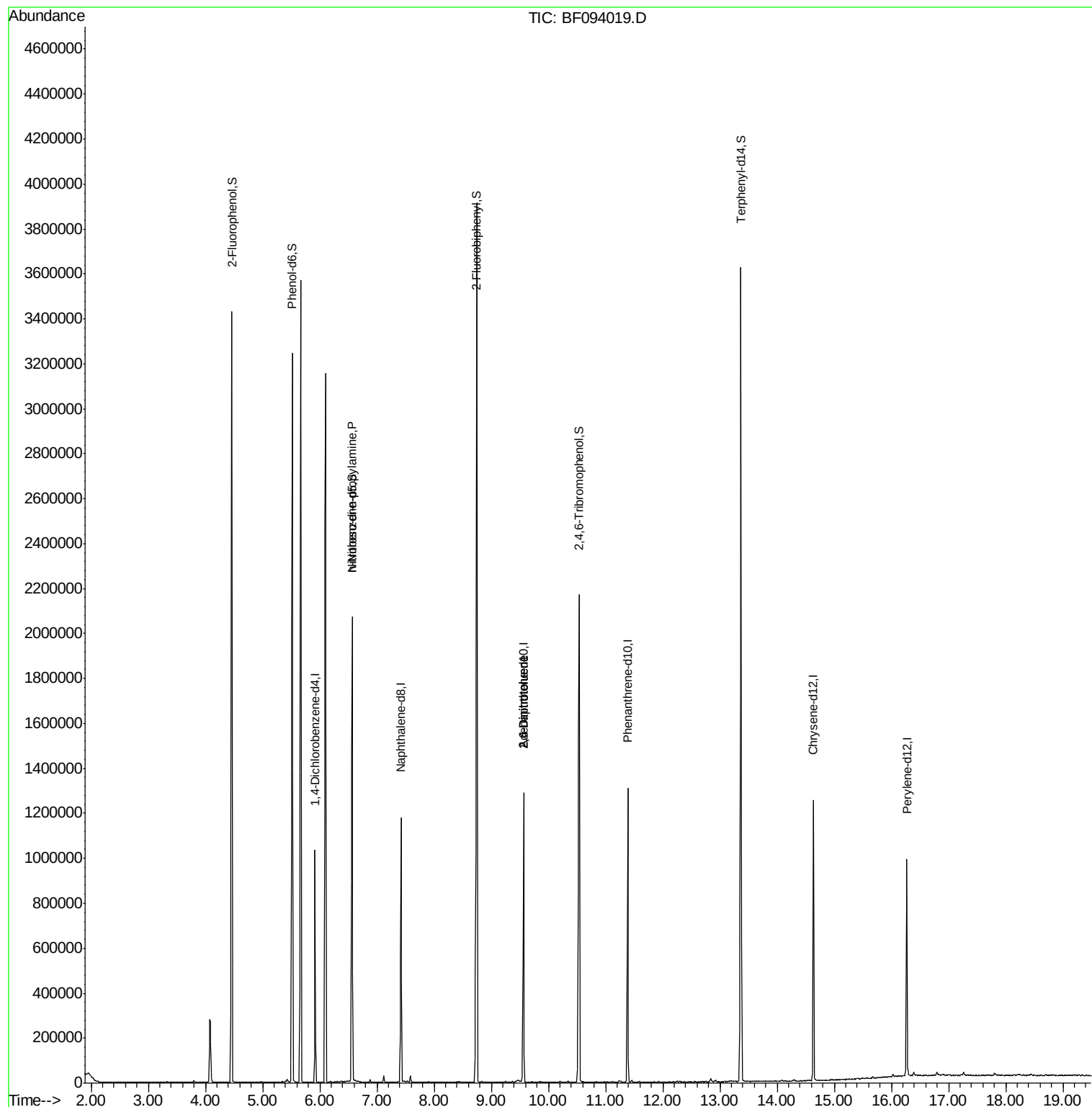
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.92	152	162128	20.00	ng	-0.04
21) Naphthalene-d8	7.42	136	655116	20.00	ng	-0.04
38) Acenaphthene-d10	9.56	164	300449	20.00	ng	-0.04
63) Phenanthrene-d10	11.39	188	559473	20.00	ng	-0.04
75) Chrysene-d12	14.63	240	493231	20.00	ng	-0.05
86) Perylene-d12	16.27	264	389304	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	4.46	112	1177459	122.66	ng	-0.01
7) Phenol-d6	5.52	99	1458659	122.84	ng	-0.03
23) Nitrobenzene-d5	6.57	82	908975	79.18	ng	-0.04
41) 2,4,6-Tribromophenol	10.54	330	329279	138.69	ng	-0.04
44) 2-Fluorobiphenyl	8.75	172	1672686	84.92	ng	-0.04
78) Terphenyl-d14	13.37	244	1494718	67.93	ng	-0.04
Target Compounds						
19) n-Nitroso-di-n-propylamine	6.57	70	120330	15.77	ng	# 76
50) 2,6-Dinitrotoluene	9.56	165	38739	7.91	ng	# 33
56) 2,4-Dinitrotoluene	9.56	165	38738	6.30	ng	# 33

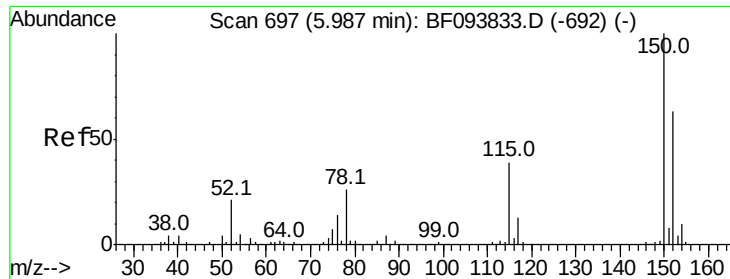
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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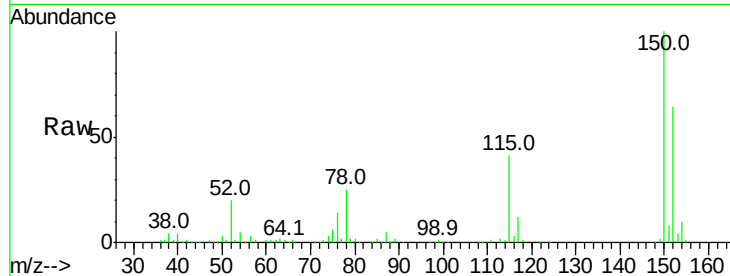


#1

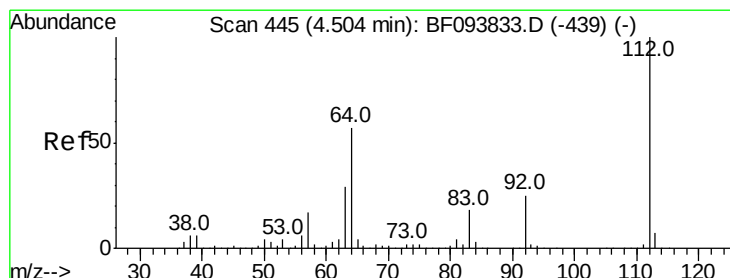
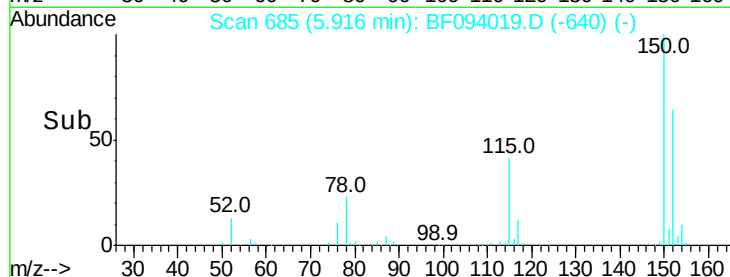
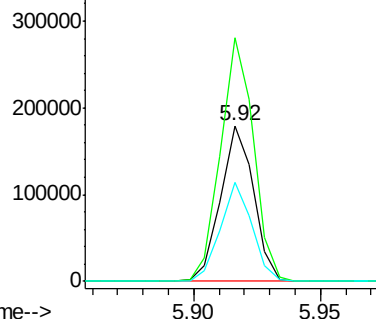
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.92 min Scan# 685
Delta R.T. -0.04 min
Lab File: BF094019.D
Acq: 29 Mar 2017 15:37

Instrument :
BNA_F
ClientSampleId :
PB97899BL

Tot Ion:152 Resp: 162128
Ion Ratio Lower Upper
152 100
150 156.3 126.2 189.2
115 63.9 52.2 78.2



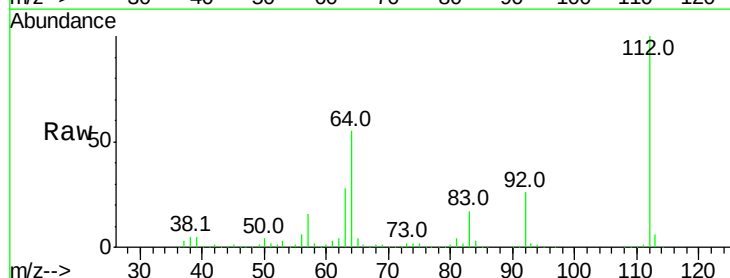
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



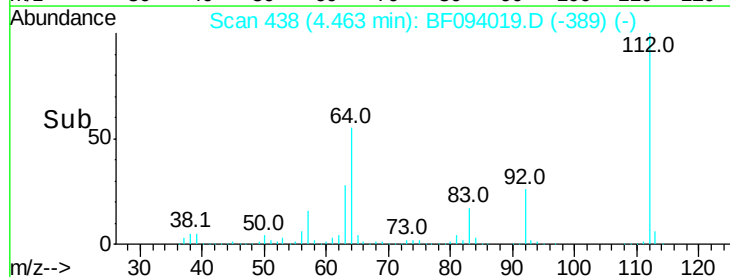
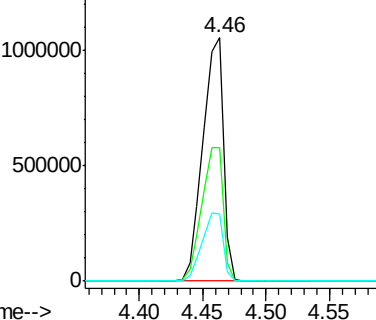
#5

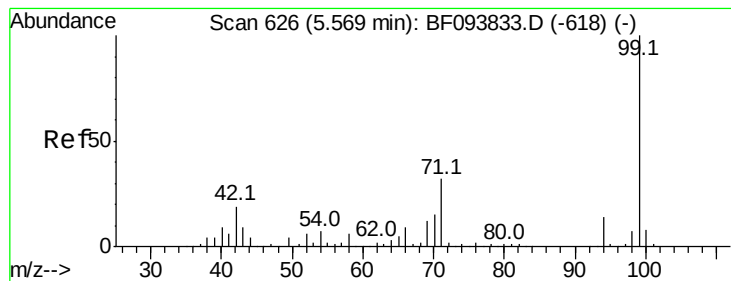
2-Fluorophenol
Concen: 122.66 ng
RT: 4.46 min Scan# 438
Delta R.T. -0.01 min
Lab File: BF094019.D
Acq: 29 Mar 2017 15:37

Tgt Ion:112 Resp: 1177459
Ion Ratio Lower Upper
112 100
64 54.7 46.0 69.0
63 27.5 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: 122.84 ng

RT: 5.52 min Scan# 618

Delta R.T. -0.03 min

Lab File: BF094019.D

Acq: 29 Mar 2017 15:37

Instrument :

BNA_F

ClientSampleId :

PB97899BL

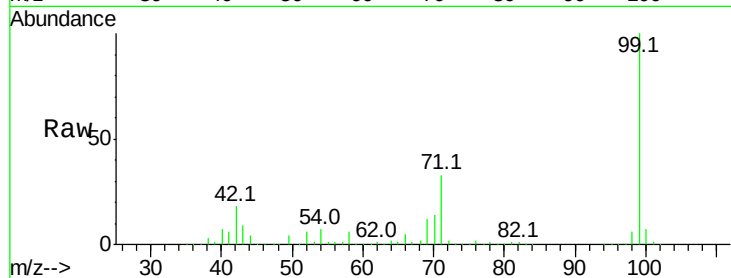
Tot Ion: 99 Resp: 1458659

Ion Ratio Lower Upper

99 100

42 17.8 13.5 20.3

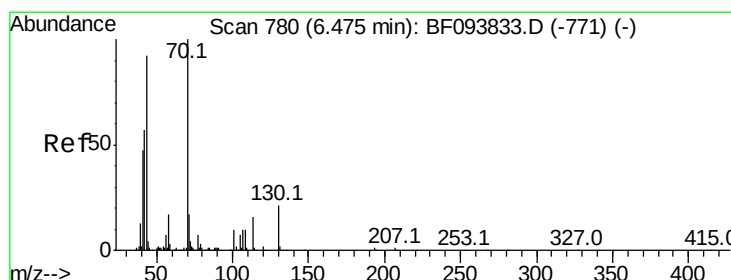
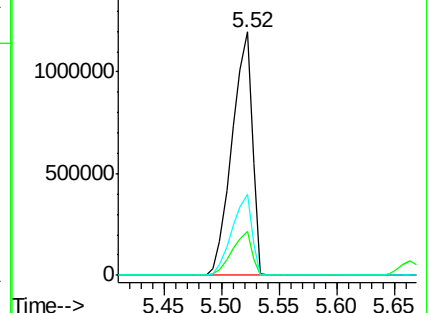
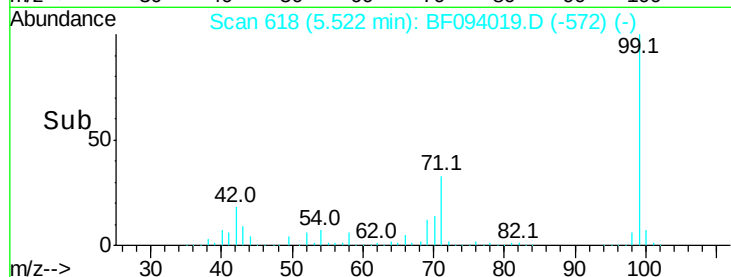
71 33.4 24.5 36.7



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: 15.77 ng

RT: 6.57 min Scan# 796

Delta R.T. 0.13 min

Lab File: BF094019.D

Acq: 29 Mar 2017 15:37

Tgt Ion: 70 Resp: 120330

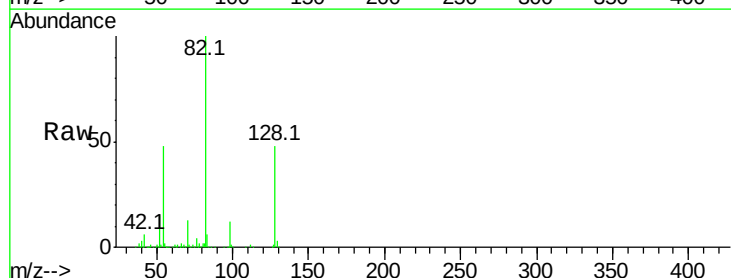
Ion Ratio Lower Upper

70 100

42 45.0 47.2 70.8#

101 0.0 7.2 10.8#

130 2.3 15.9 23.9#

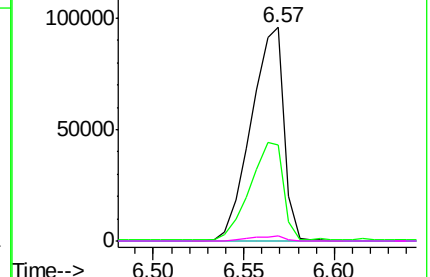
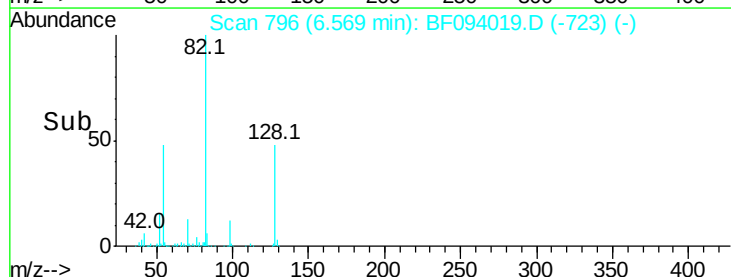


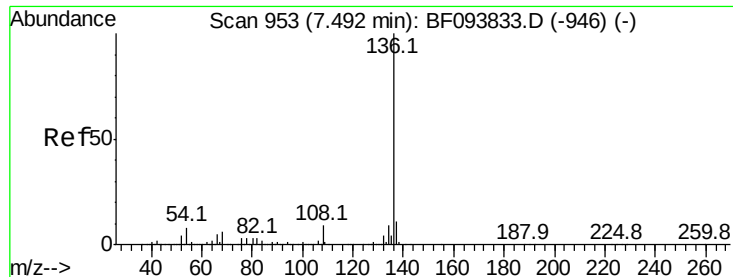
Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 7.42 min Scan# 941

Delta R.T. -0.04 min

Lab File: BF094019.D

Acq: 29 Mar 2017 15:37

Instrument :

BNA_F

ClientSampleId :

PB97899BL

Tot Ion:136 Resp: 655116

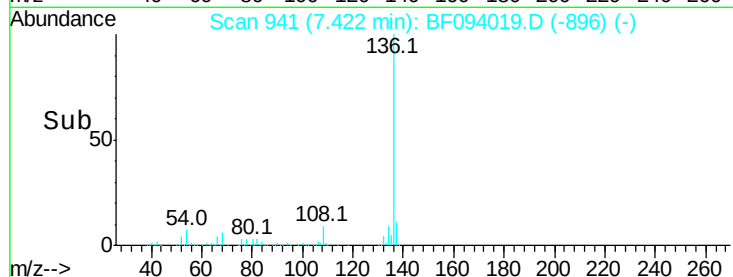
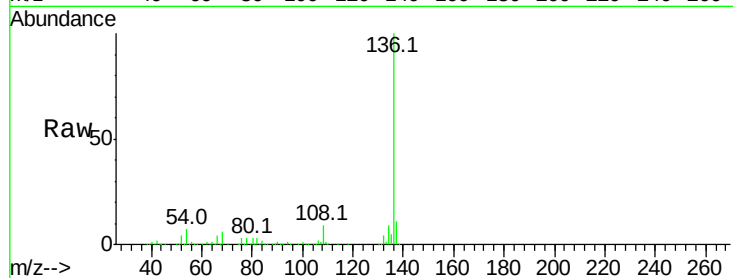
Ion Ratio Lower Upper

136 100

137 10.6 8.5 12.7

54 6.8 4.9 7.3

68 5.5 4.1 6.1

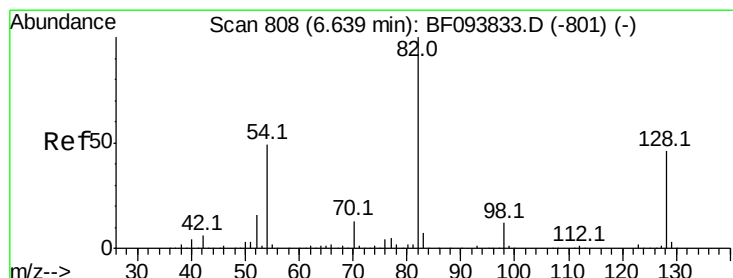
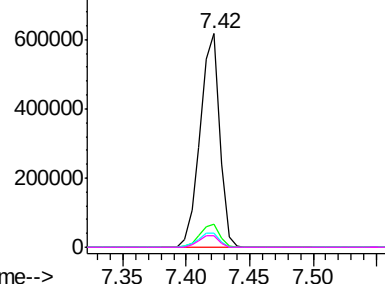


Abundance Ion 136.00 (135.70 to 136.70): E

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: 79.18 ng

RT: 6.57 min Scan# 796

Delta R.T. -0.04 min

Lab File: BF094019.D

Acq: 29 Mar 2017 15:37

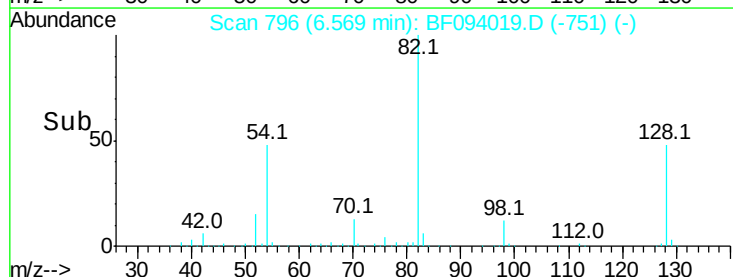
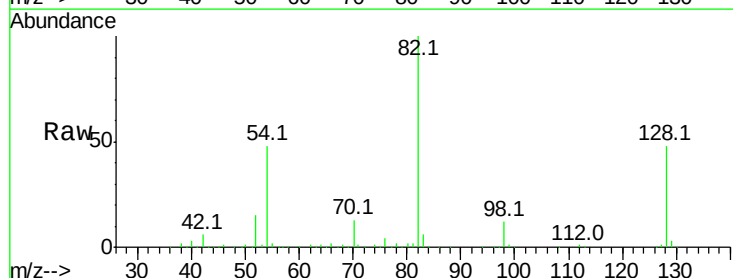
Tgt Ion: 82 Resp: 908975

Ion Ratio Lower Upper

82 100

128 47.7 34.0 51.0

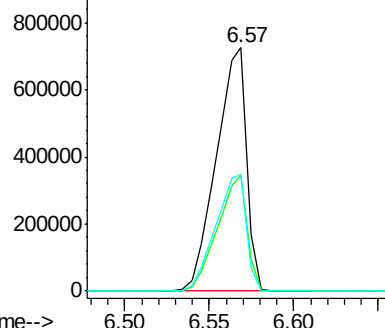
54 47.8 42.2 63.2

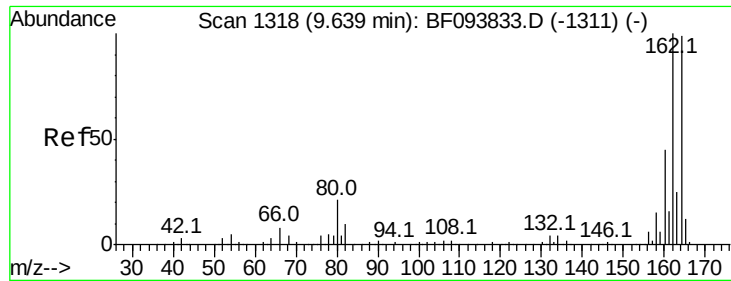


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

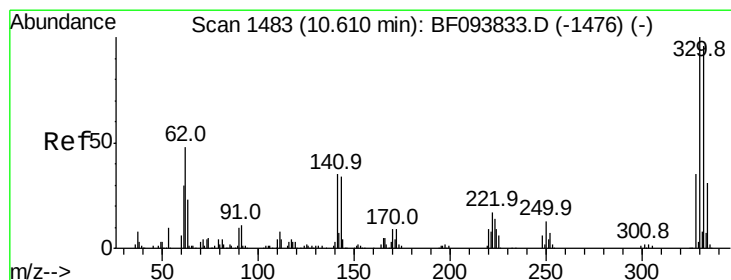
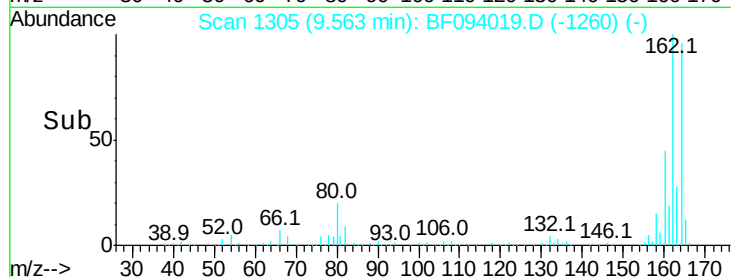
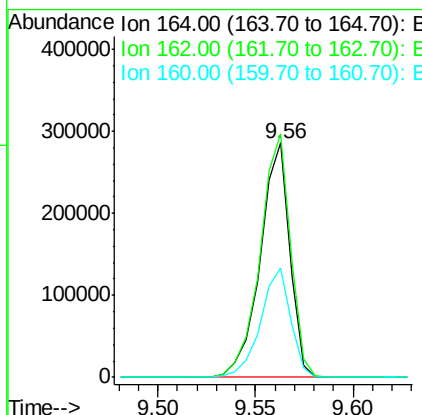
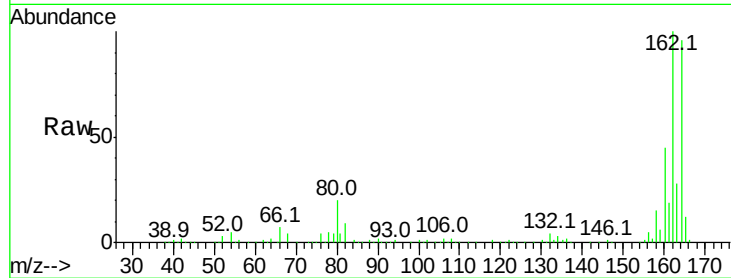




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.56 min Scan# 1305
Delta R.T. -0.04 min
Lab File: BF094019.D
Acq: 29 Mar 2017 15:37

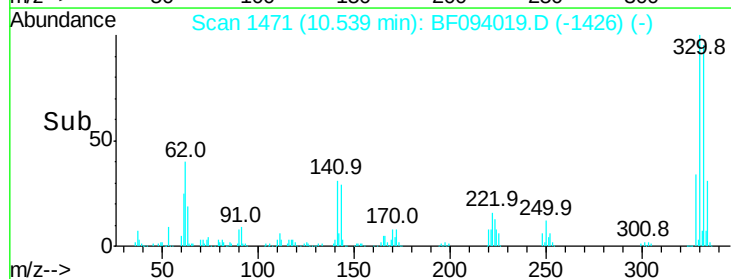
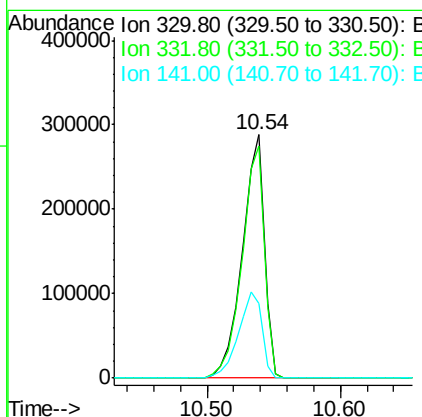
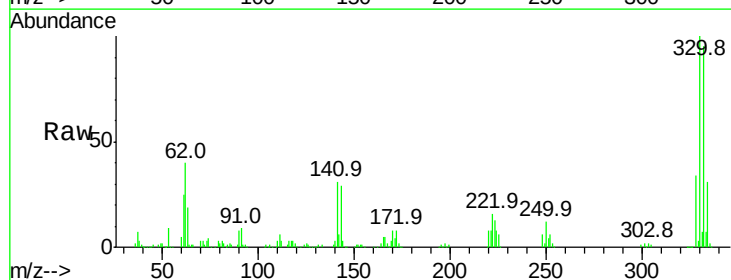
Instrument :
BNA_F
ClientSampleId :
PB97899BL

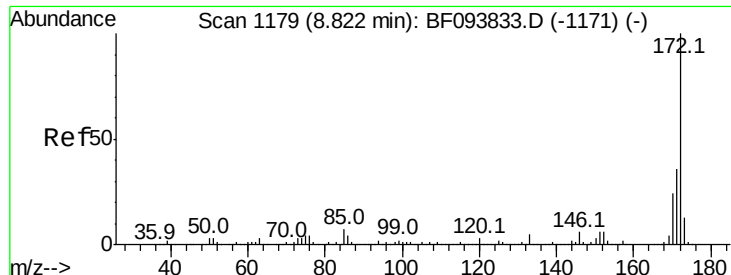
Tot Ion:164 Resp: 300449
Ion Ratio Lower Upper
164 100
162 103.9 82.6 123.8
160 46.4 36.2 54.2



#41
2,4,6-Tribromophenol
Concen: 138.69 ng
RT: 10.54 min Scan# 1471
Delta R.T. -0.04 min
Lab File: BF094019.D
Acq: 29 Mar 2017 15:37

Tgt Ion:330 Resp: 329279
Ion Ratio Lower Upper
330 100
332 96.7 76.6 115.0
141 37.9 31.4 47.2



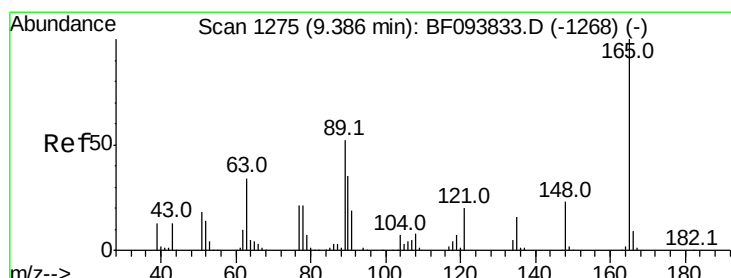
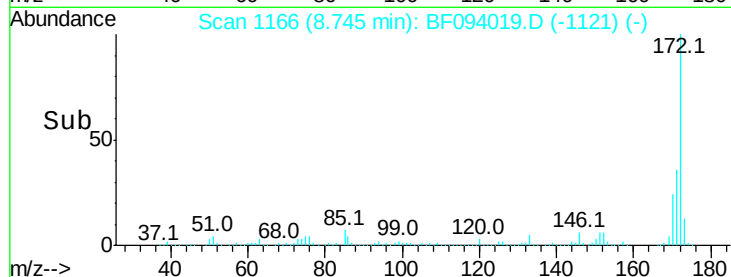
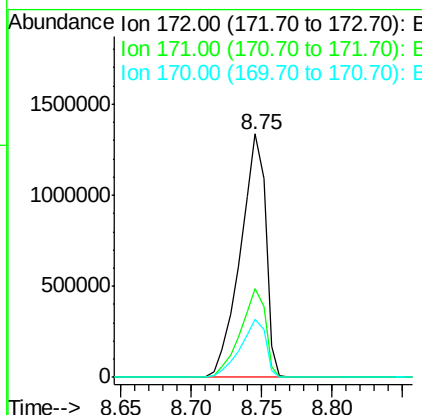
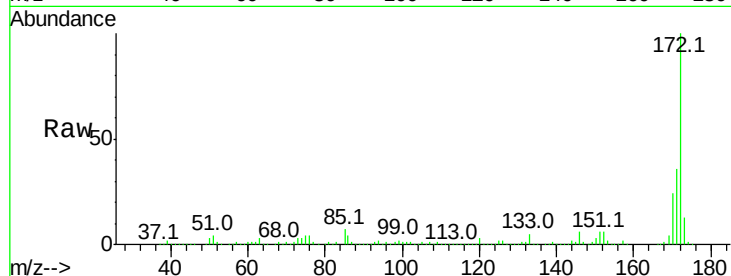


#44
 2-Fluorobiphenyl
 Concen: 84.92 ng
 RT: 8.75 min Scan# 1166
 Delta R.T. -0.04 min
 Lab File: BF094019.D
 Acq: 29 Mar 2017 15:37

Instrument :
 BNA_F
 ClientSampleId :
 PB97899BL

Tot Ion:172 Resp: 1672686

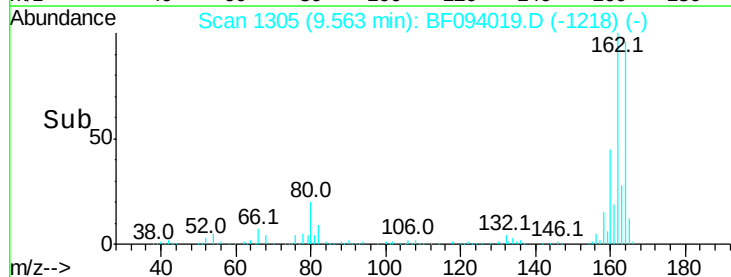
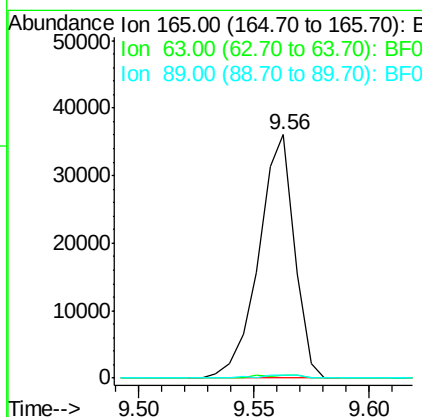
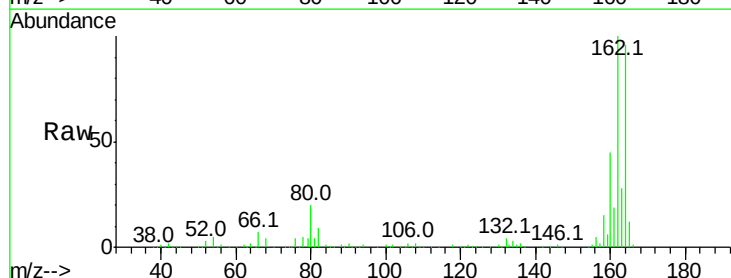
Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.6	44.4
170	24.0	19.8	29.8

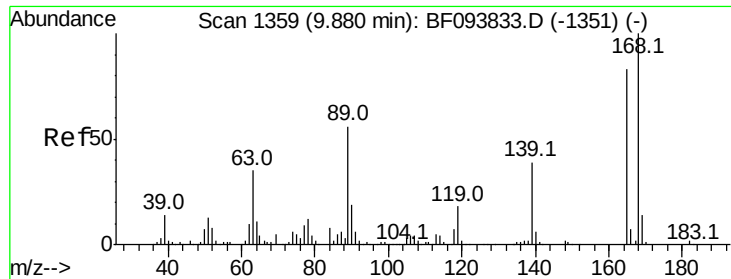


#50
 2,6-Dinitrotoluene
 Concen: 7.91 ng
 RT: 9.56 min Scan# 1305
 Delta R.T. 0.21 min
 Lab File: BF094019.D
 Acq: 29 Mar 2017 15:37

Tgt Ion:165 Resp: 38739

Ion	Ratio	Lower	Upper
165	100		
63	1.2	34.3	51.5#
89	1.2	37.1	55.7#

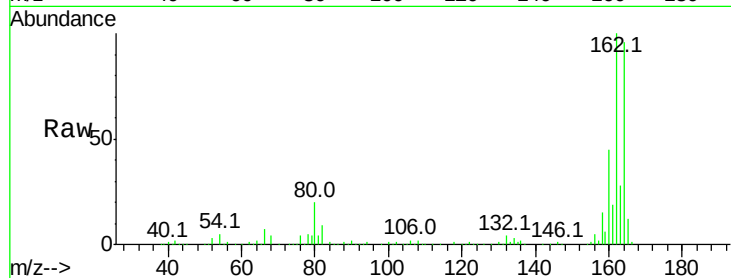




#56
2,4-Dinitrotoluene
Concen: 6.30 ng
RT: 9.56 min Scan# 1305
Delta R.T. -0.28 min
Lab File: BF094019.D
Acq: 29 Mar 2017 15:37

Instrument :
BNA_F
ClientSampleId :
PB97899BL

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

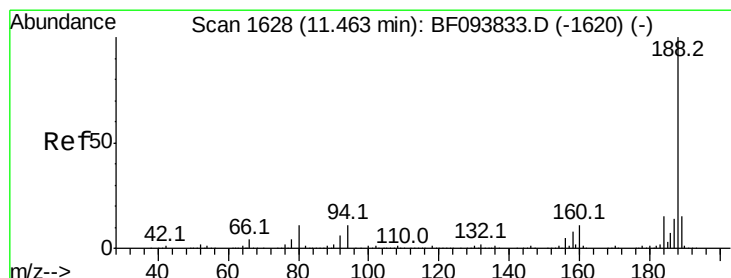
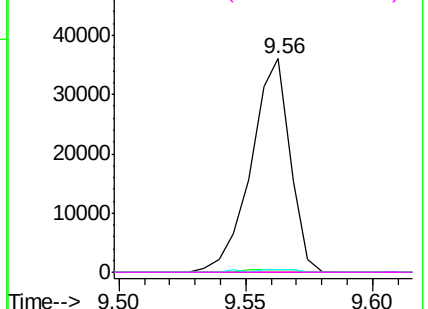
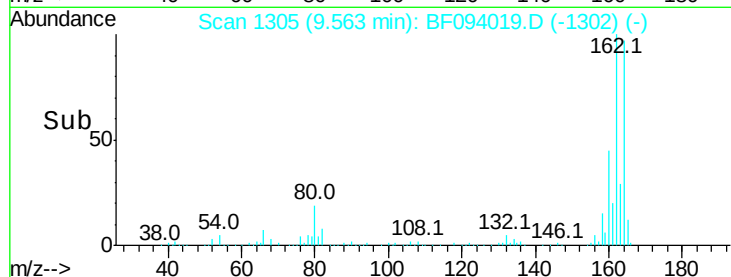


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

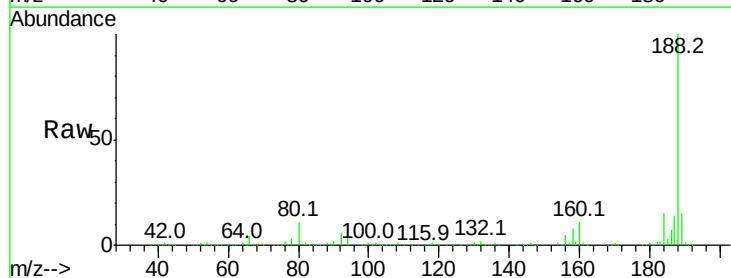
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.39 min Scan# 1615
Delta R.T. -0.04 min
Lab File: BF094019.D
Acq: 29 Mar 2017 15:37

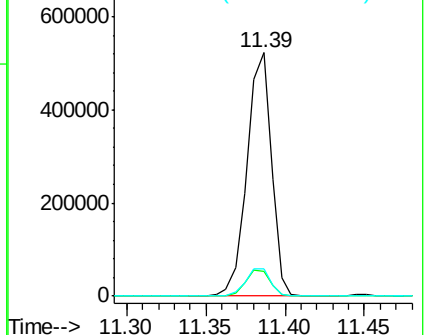
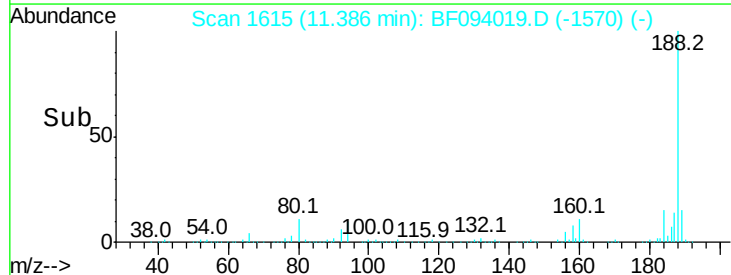
Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.1	9.4	14.2
80	11.3	10.2	15.2

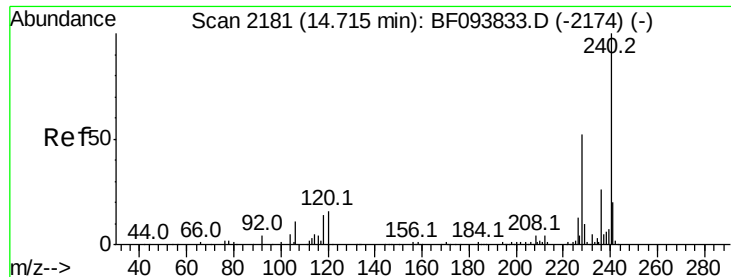


Abundance Ion 188.00 (187.70 to 188.70): E

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# 2167

Delta R.T. -0.05 min

Lab File: BF094019.D

Acq: 29 Mar 2017 15:37

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ClientSampleID :

PB97899BL

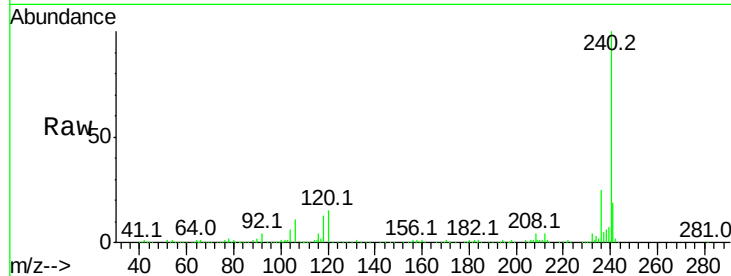
Tot Ion:240 Resp: 493231

Ion Ratio Lower Upper

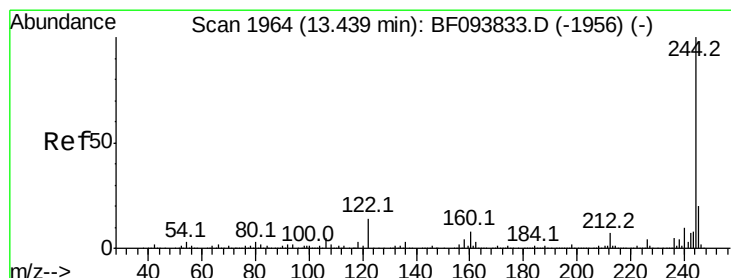
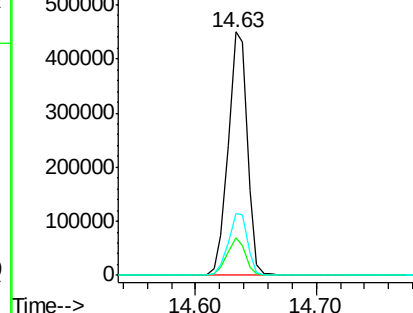
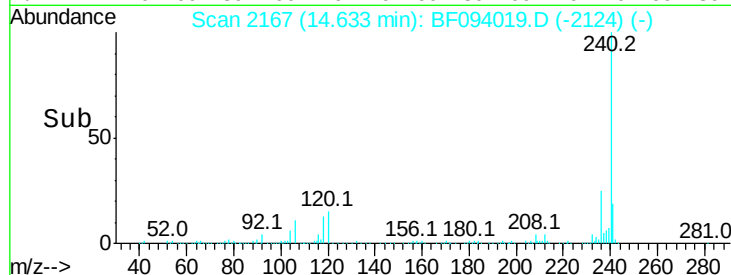
240 100

120 15.2 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: 67.93 ng

RT: 13.37 min Scan# 1952

Delta R.T. -0.04 min

Lab File: BF094019.D

Acq: 29 Mar 2017 15:37

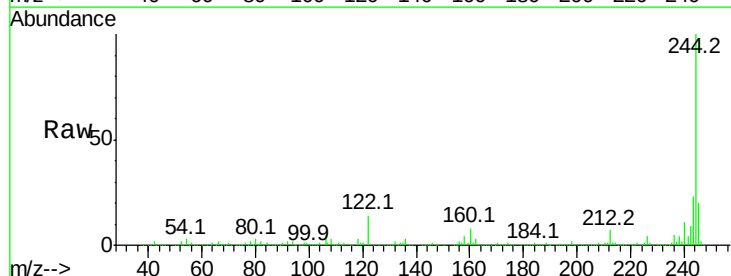
Tgt Ion:244 Resp: 1494718

Ion Ratio Lower Upper

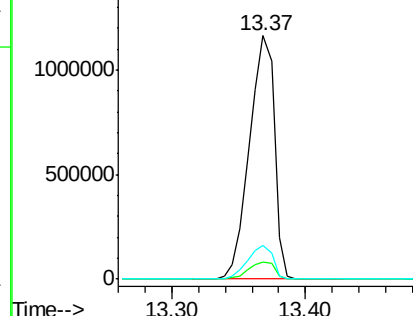
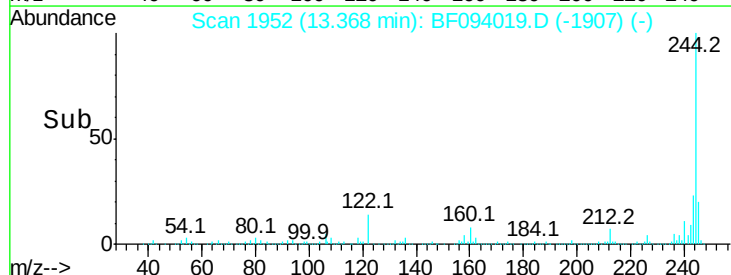
244 100

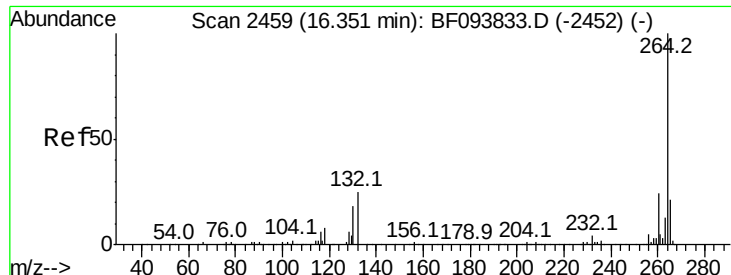
212 7.2 6.0 9.0

122 14.0 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

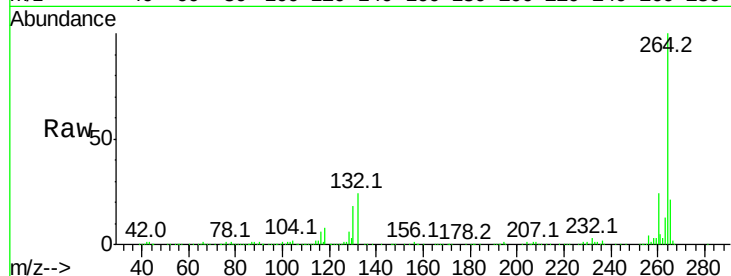




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 16.27 min Scan# 2445
 Delta R.T. -0.04 min
 Lab File: BF094019.D
 Acq: 29 Mar 2017 15:37

Instrument :
 BNA_F
 ClientSampleId :
 PB97899BL

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.5	29.3
265	21.0	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

