

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042717\
 Data File : BF094667.D
 Acq On : 27 Apr 2017 16:58
 Operator : SJ/MA
 Sample : PB98520BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 28 02:19:14 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 17 14:59:23 2017
 Response via : Initial Calibration

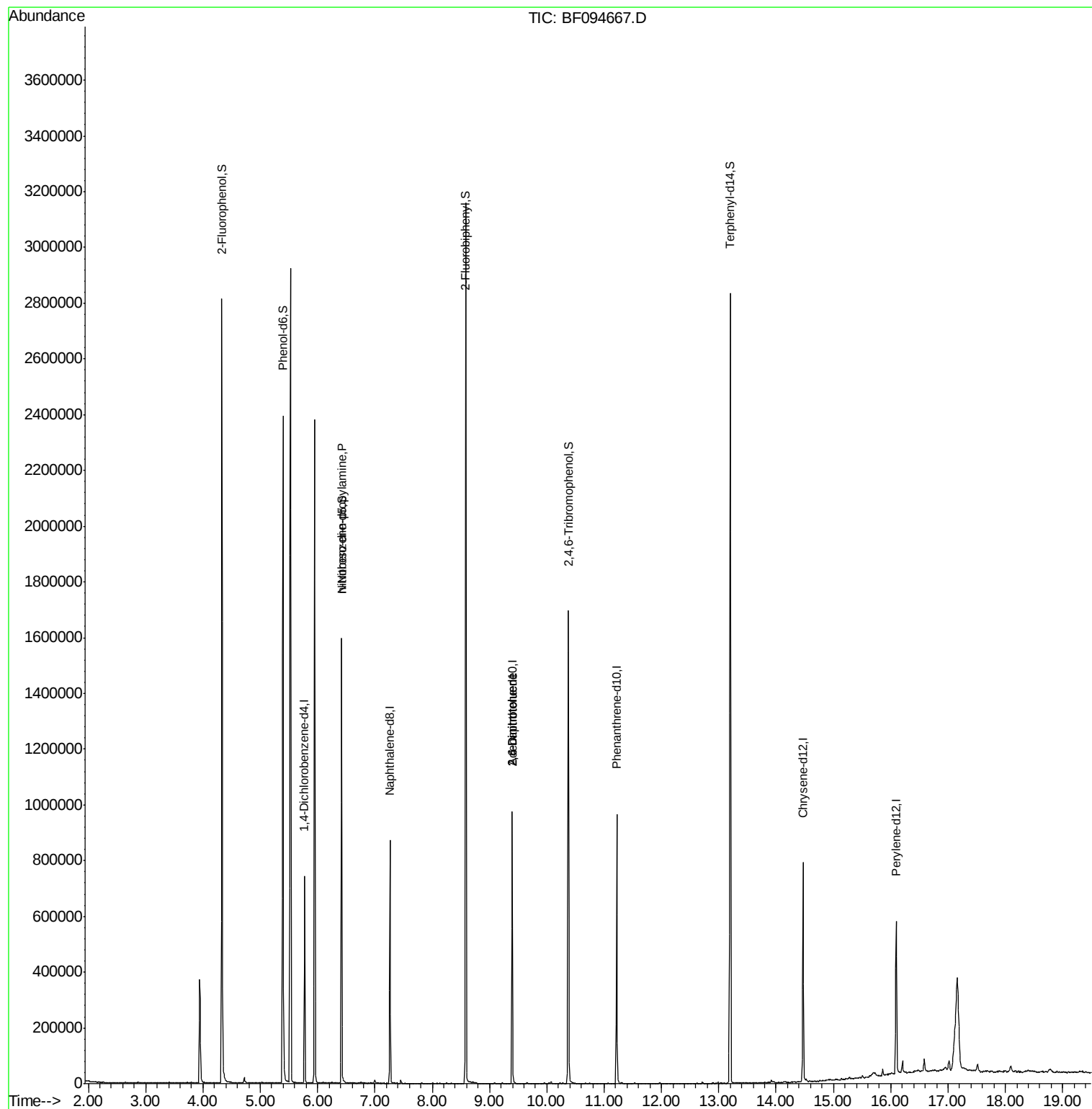
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.77	152	109839	20.00	ng	0.00
21) Naphthalene-d8	7.26	136	433195	20.00	ng	0.00
38) Acenaphthene-d10	9.40	164	207146	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	380990	20.00	ng	0.00
75) Chrysene-d12	14.47	240	305922	20.00	ng	0.00
86) Perylene-d12	16.09	264	214428	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.33	112	825376	124.67	ng	0.03
7) Phenol-d6	5.40	99	1008951	129.27	ng	0.00
23) Nitrobenzene-d5	6.42	82	607907	86.65	ng	0.00
41) 2,4,6-Tribromophenol	10.38	330	221112	136.47	ng	0.00
44) 2-Fluorobiphenyl	8.58	172	1164279	82.70	ng	0.00
78) Terphenyl-d14	13.20	244	1078471	94.23	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	6.42	70	77768	15.04	ng	# 80
50) 2,6-Dinitrotoluene	9.40	165	25995	7.50	ng	# 33
56) 2,4-Dinitrotoluene	9.40	165	25994	6.11	ng	# 33

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

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042717\
Data File : BF094667.D
Acq On : 27 Apr 2017 16:58
Operator : SJ/MA
Sample : PB98520BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Apr 28 02:19:14 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 17 14:59:23 2017
Response via : Initial Calibration



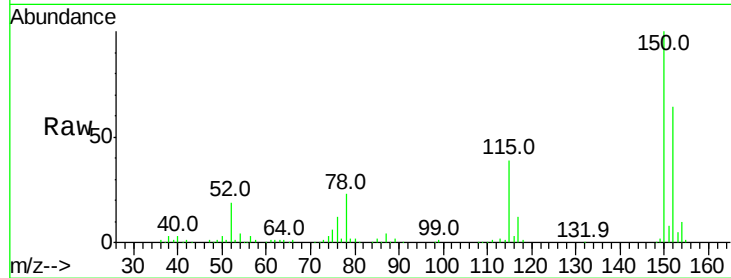


#1

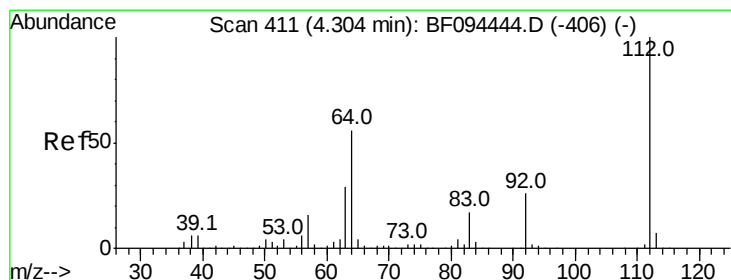
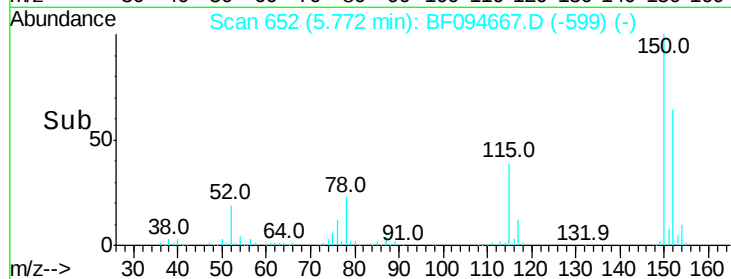
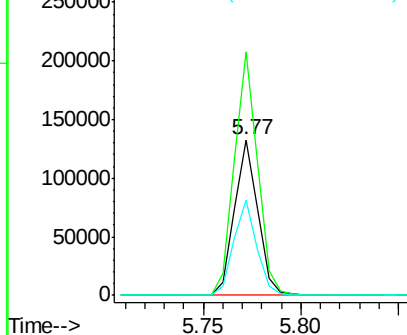
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.77 min Scan# 652
Delta R.T. 0.01 min
Lab File: BF094667.D
Acq: 27 Apr 2017 16:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 109839
Ion Ratio Lower Upper
152 100
150 156.7 126.2 189.2
115 61.3 52.2 78.2



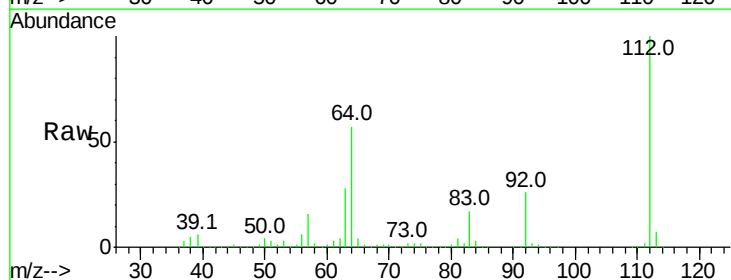
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



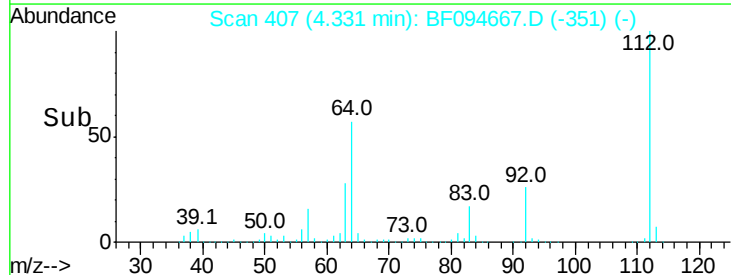
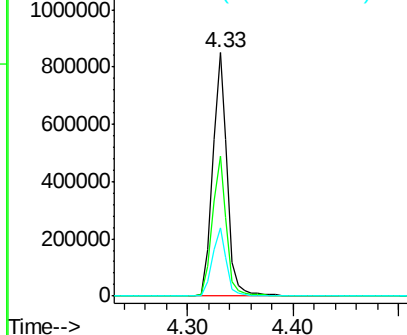
#5

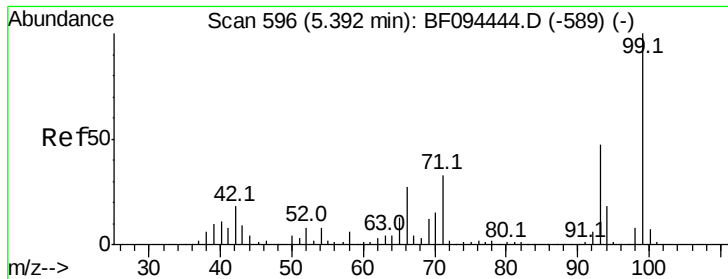
2-Fluorophenol
Concen: 124.67 ng
RT: 4.33 min Scan# 407
Delta R.T. 0.03 min
Lab File: BF094667.D
Acq: 27 Apr 2017 16:58

Tgt Ion:112 Resp: 825376
Ion Ratio Lower Upper
112 100
64 57.5 46.0 69.0
63 28.2 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: 129.27 ng

RT: 5.40 min Scan# 588

Delta R.T. 0.00 min

Lab File: BF094667.D

Acq: 27 Apr 2017 16:58

Instrument :

BNA_F

ClientSampled :

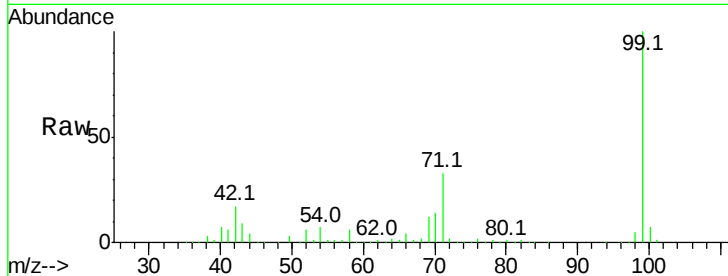
Tot Ion: 99 Resp: 1008951

Ion	Ratio	Lower	Upper
99	100		
42	17.4	13.5	20.3
71	32.8	24.5	36.7

99 100

42 17.4 13.5 20.3

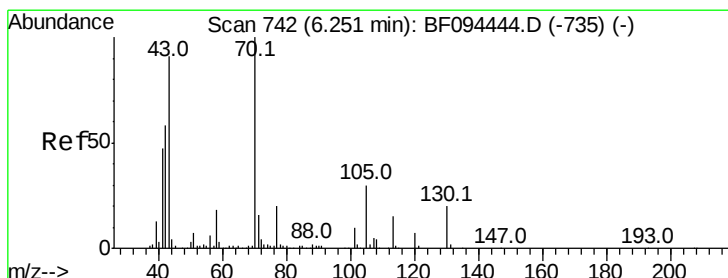
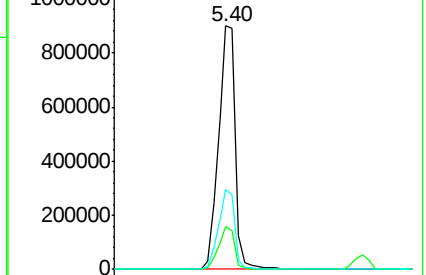
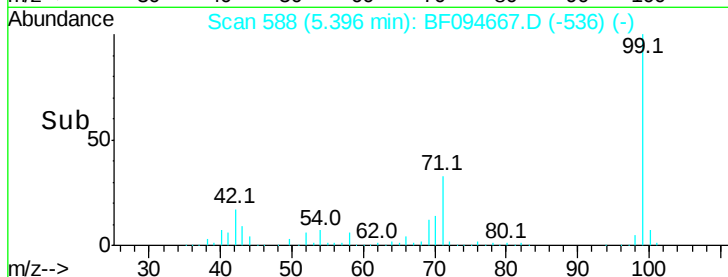
71 32.8 24.5 36.7



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: 15.04 ng

RT: 6.42 min Scan# 762

Delta R.T. 0.17 min

Lab File: BF094667.D

Acq: 27 Apr 2017 16:58

Tgt Ion: 70 Resp: 77768

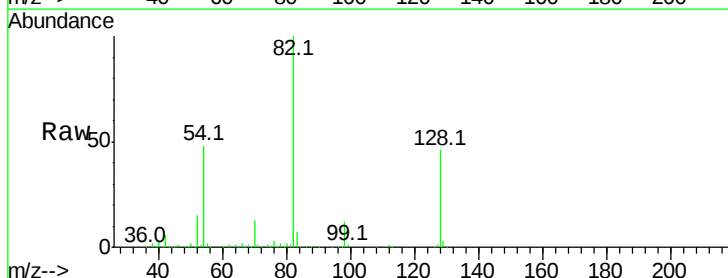
Ion	Ratio	Lower	Upper
70	100		
42	48.6	47.2	70.8
101	0.0	7.2	10.8#
130	2.7	15.9	23.9#

70 100

42 48.6 47.2 70.8

101 0.0 7.2 10.8#

130 2.7 15.9 23.9#

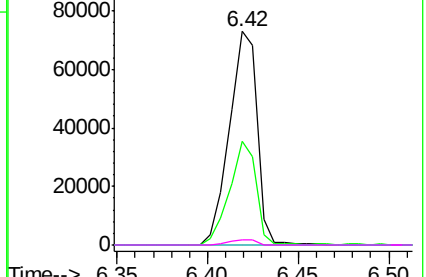
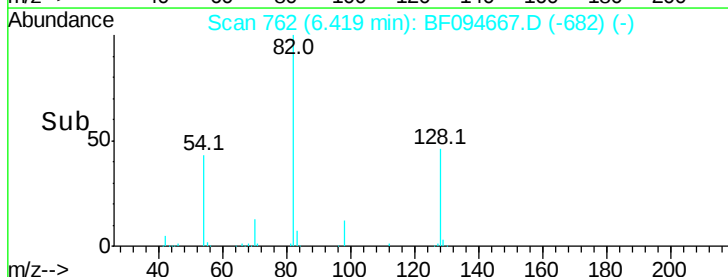


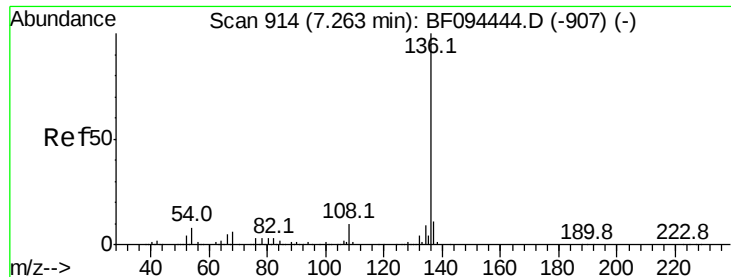
Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 7.26 min Scan# 905

Delta R.T. -0.00 min

Lab File: BF094667.D

Acq: 27 Apr 2017 16:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136 Resp: 433195

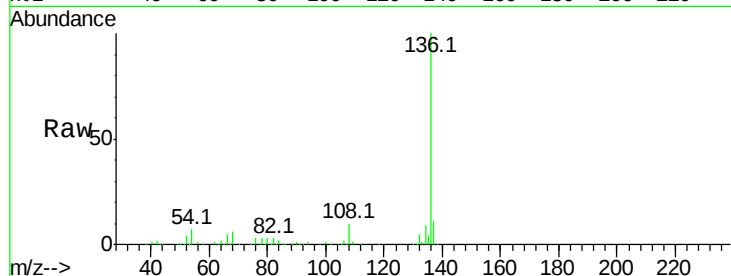
Ion Ratio Lower Upper

136 100

137 11.0 8.5 12.7

54 7.5 4.9 7.3#

68 5.9 4.1 6.1

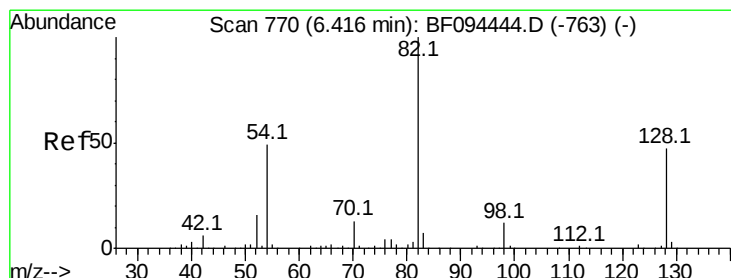
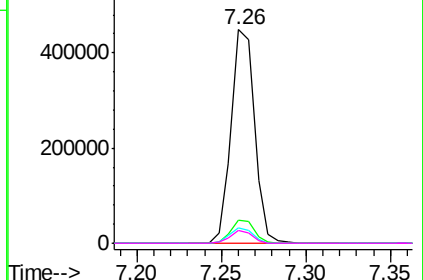
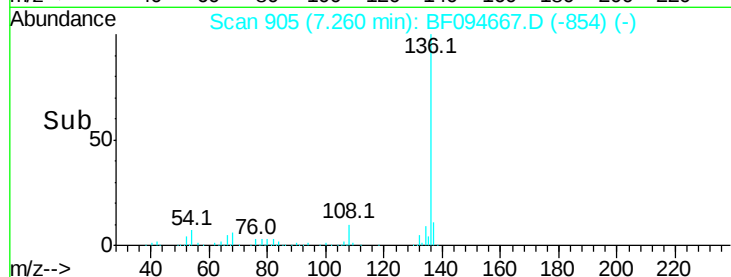


Abundance Ion 136.00 (135.70 to 136.70): E

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: 86.65 ng

RT: 6.42 min Scan# 762

Delta R.T. 0.00 min

Lab File: BF094667.D

Acq: 27 Apr 2017 16:58

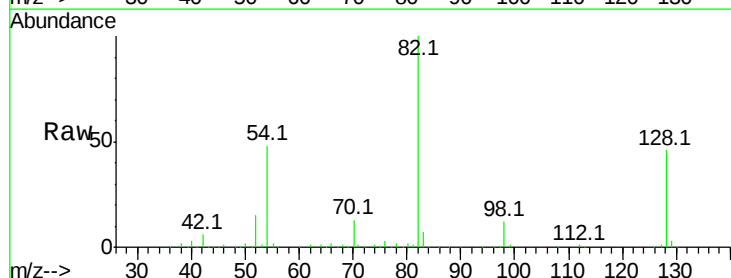
Tgt Ion: 82 Resp: 607907

Ion Ratio Lower Upper

82 100

128 46.3 34.0 51.0

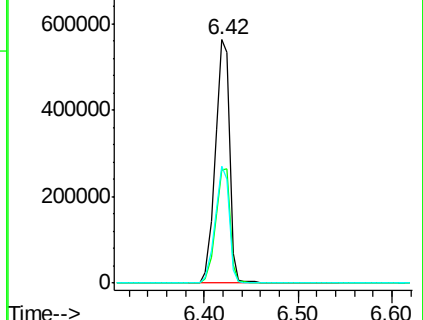
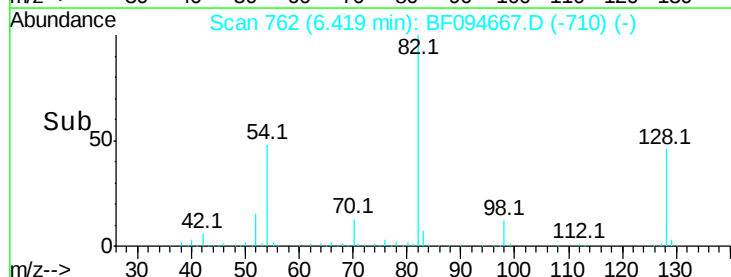
54 48.3 42.2 63.2



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: 9.40 min Scan# 1268

Delta R.T. -0.00 min

Lab File: BF094667.D

Acq: 27 Apr 2017 16:58

Instrument :

BNA_F

ClientSampleId :

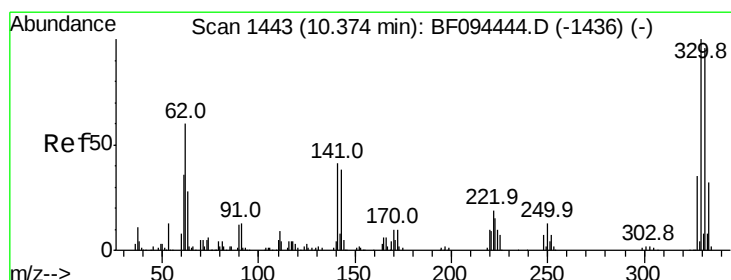
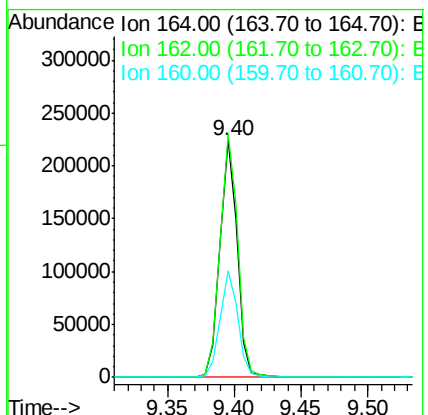
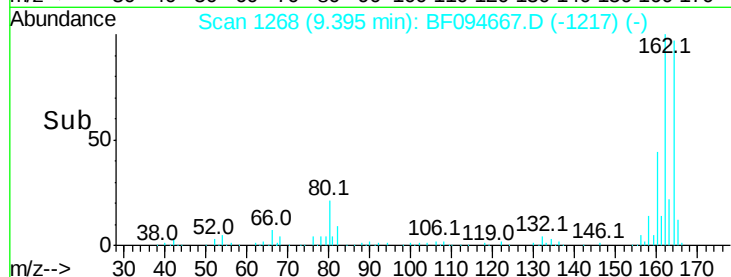
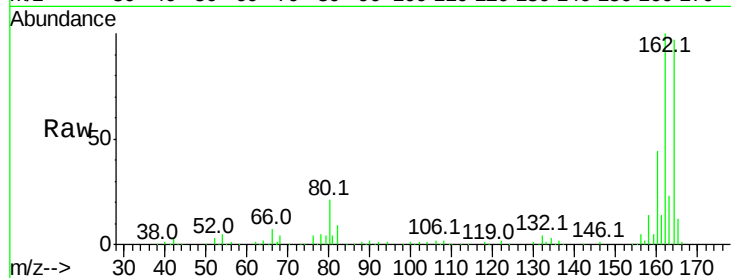
Tot Ion:164 Resp: 207146

Ion Ratio Lower Upper

164 100

162 102.7 82.6 123.8

160 44.8 36.2 54.2



#41

2,4,6-Tribromophenol

Concen: 136.47 ng

RT: 10.38 min Scan# 1435

Delta R.T. 0.00 min

Lab File: BF094667.D

Acq: 27 Apr 2017 16:58

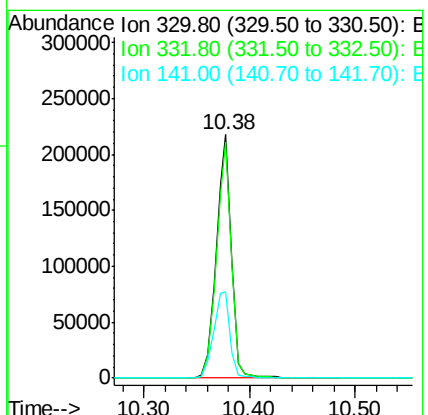
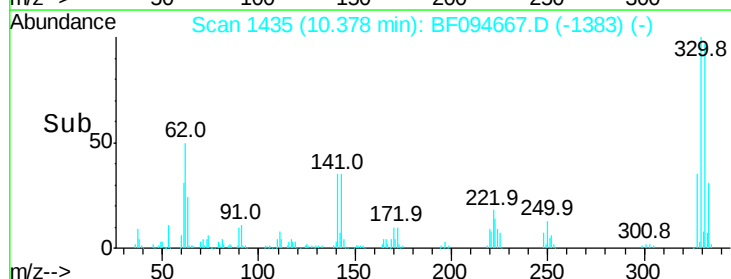
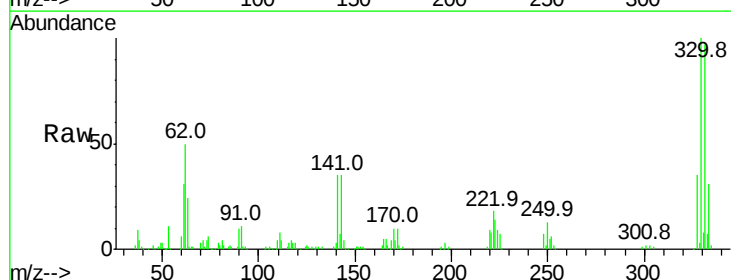
Tgt Ion:330 Resp: 221112

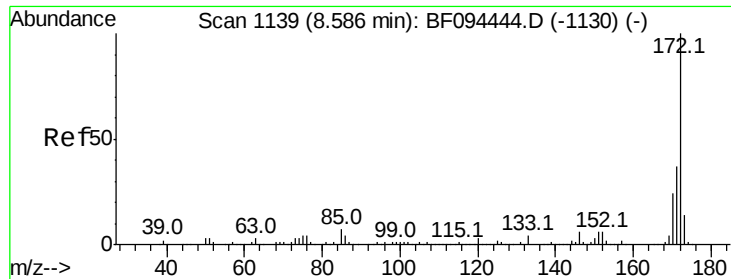
Ion Ratio Lower Upper

330 100

332 95.8 76.6 115.0

141 38.7 31.4 47.2



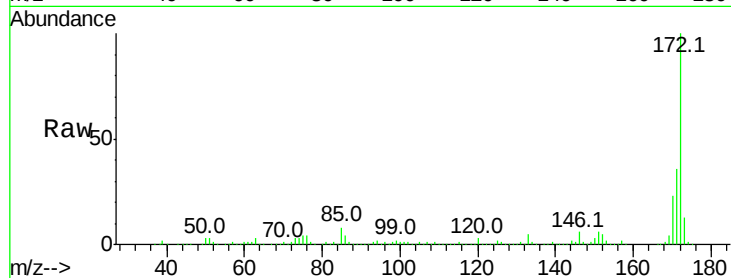


#44
 2-Fluorobiphenyl
 Concen: 82.70 ng
 RT: 8.58 min Scan# 1130
 Delta R.T. -0.00 min
 Lab File: BF094667.D
 Acq: 27 Apr 2017 16:58

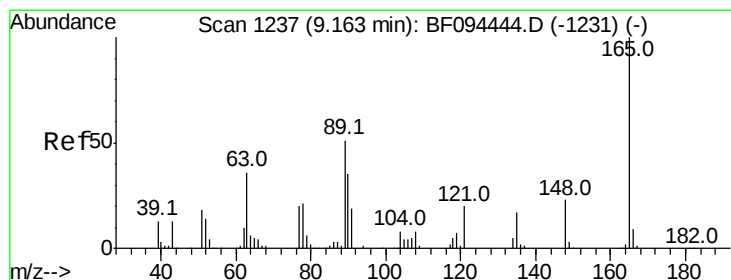
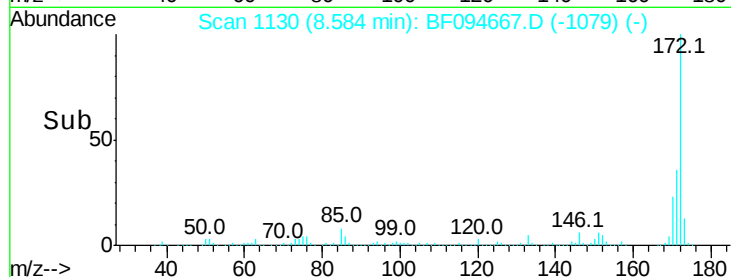
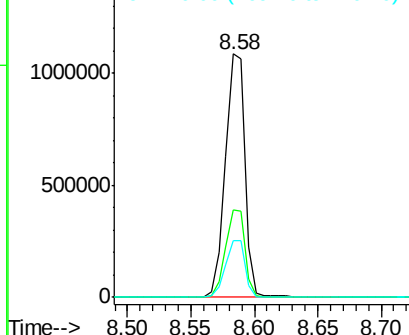
Instrument :
 BNA_F
 ClientSampled :

Tot Ion:172 Resp: 1164279

Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.6	44.4
170	23.1	19.8	29.8



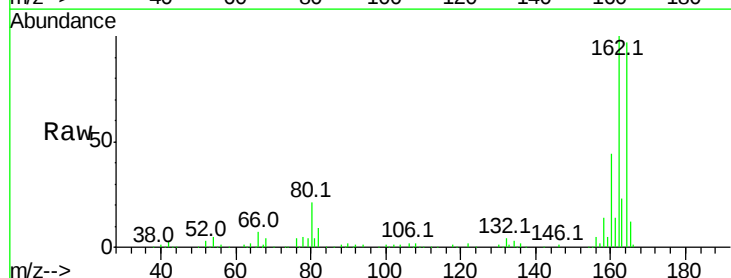
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



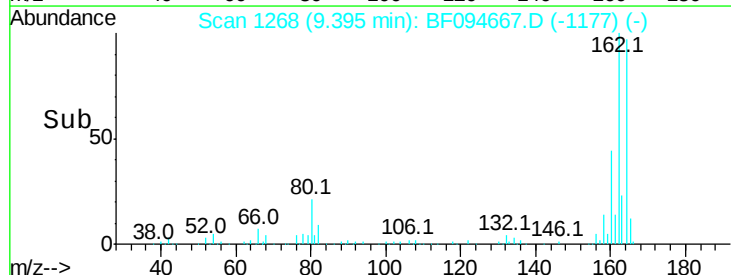
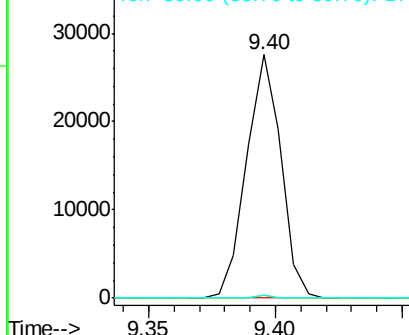
#50
 2,6-Dinitrotoluene
 Concen: 7.50 ng
 RT: 9.40 min Scan# 1268
 Delta R.T. 0.23 min
 Lab File: BF094667.D
 Acq: 27 Apr 2017 16:58

Tgt Ion:165 Resp: 25995

Ion	Ratio	Lower	Upper
165	100		
63	1.2	34.3	51.5#
89	1.3	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

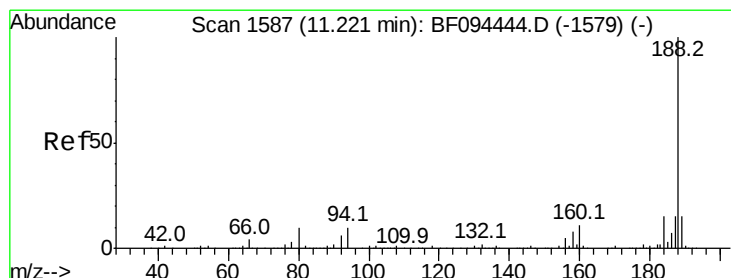
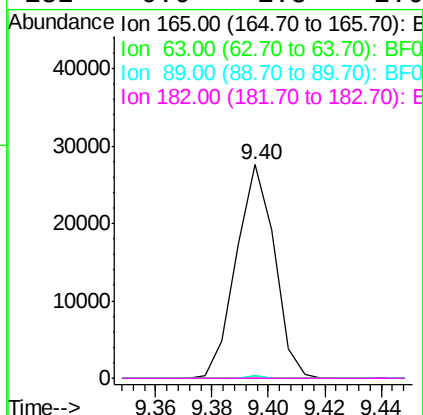
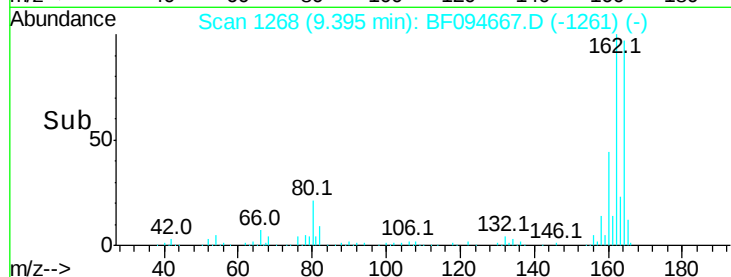
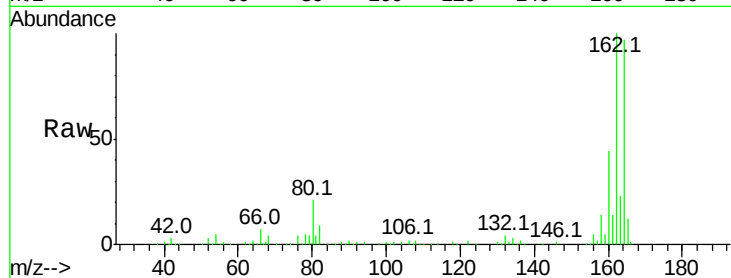




#56
 2,4-Dinitrotoluene
 Concen: 6.11 ng
 RT: 9.40 min Scan# 1268
 Delta R.T. -0.26 min
 Lab File: BF094667.D
 Acq: 27 Apr 2017 16:58

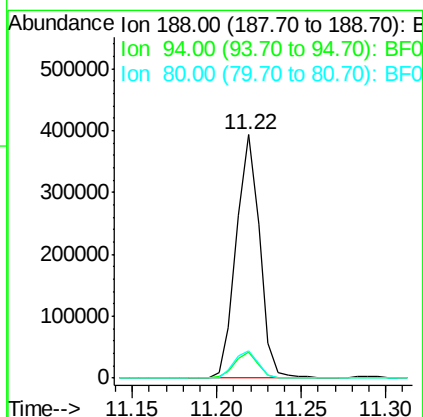
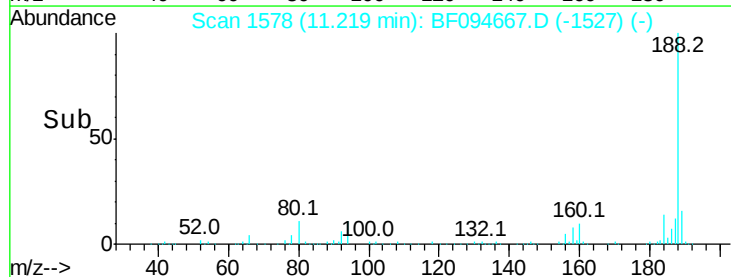
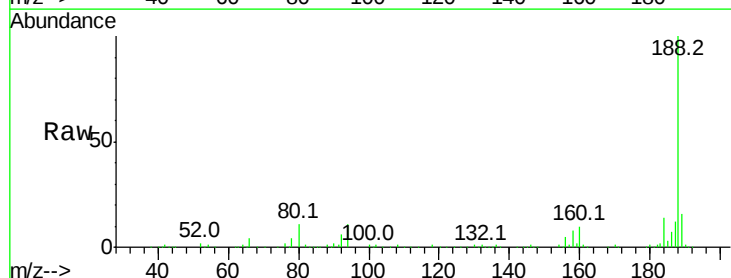
Instrument :
 BNA_F
 ClientSampleId :

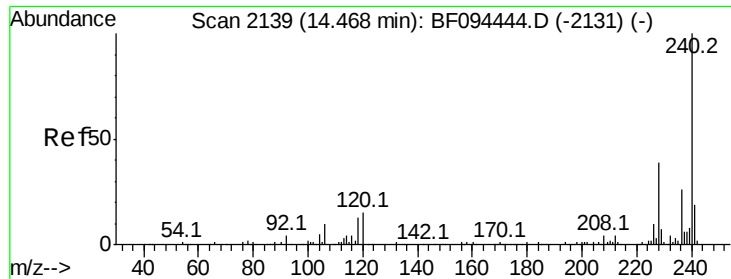
Tot Ion:165 Resp: 25994
 Ion Ratio Lower Upper
 165 100
 63 1.2 25.4 38.0#
 89 1.3 46.4 69.6#
 182 0.0 1.8 2.6#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.22 min Scan# 1578
 Delta R.T. -0.00 min
 Lab File: BF094667.D
 Acq: 27 Apr 2017 16:58

Tgt Ion:188 Resp: 380990
 Ion Ratio Lower Upper
 188 100
 94 10.5 9.4 14.2
 80 11.2 10.2 15.2





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.47 min Scan# 2131

Delta R.T. 0.00 min

Lab File: BF094667.D

Acq: 27 Apr 2017 16:58

Instrument :

BNA_F

ClientSampleId :

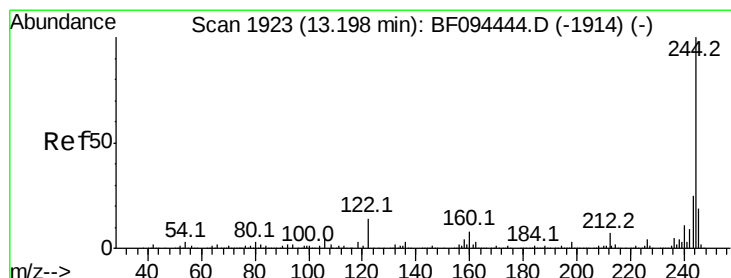
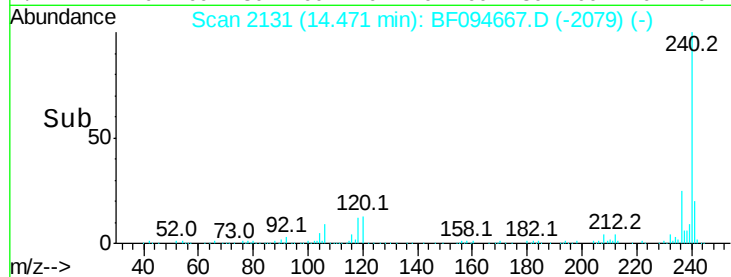
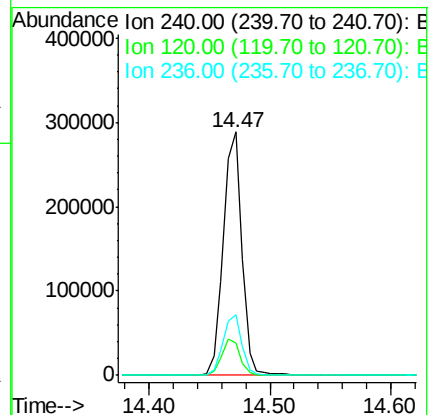
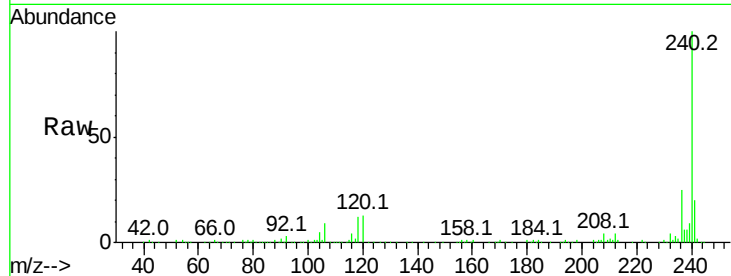
Tot Ion:240 Resp: 305922

Ion Ratio Lower Upper

240 100

120 13.4 5.8 8.8#

236 25.1 20.5 30.7



#78

Terphenyl-d14

Concen: 94.23 ng

RT: 13.20 min Scan# 1915

Delta R.T. 0.00 min

Lab File: BF094667.D

Acq: 27 Apr 2017 16:58

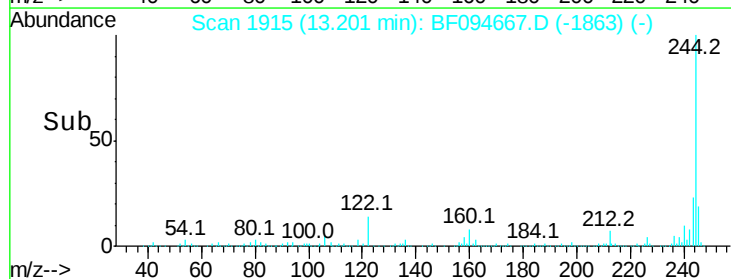
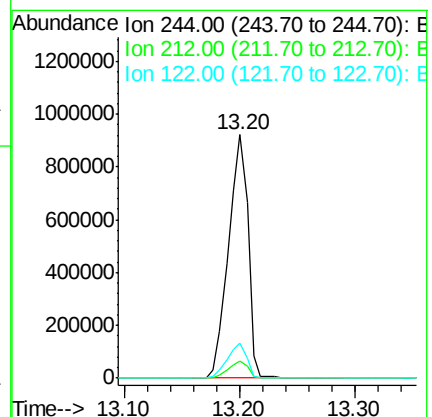
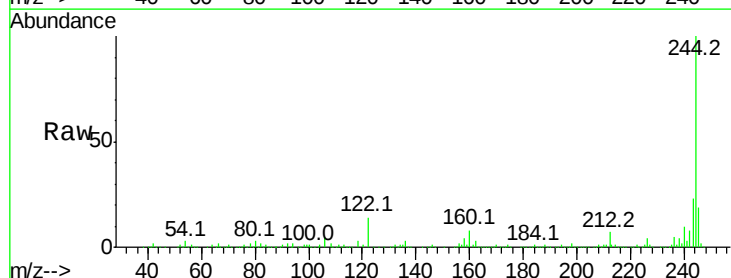
Tgt Ion:244 Resp: 1078471

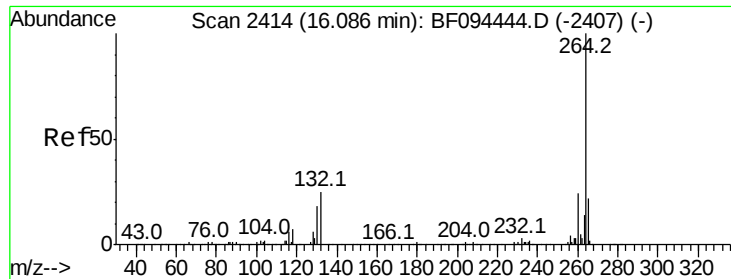
Ion Ratio Lower Upper

244 100

212 7.0 6.0 9.0

122 14.3 10.3 15.5





#86
Pervlene-d12
Concen: 20.00 ng
RT: 16.09 min Scan# 2407
Delta R.T. 0.01 min
Lab File: BF094667.D
Acq: 27 Apr 2017 16:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.5	29.3
265	21.2	17.2	25.8

