

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042617\
 Data File : BF094654.D
 Acq On : 26 Apr 2017 18:35
 Operator : SJ/MA
 Sample : I2832-11
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 27 01:24:28 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

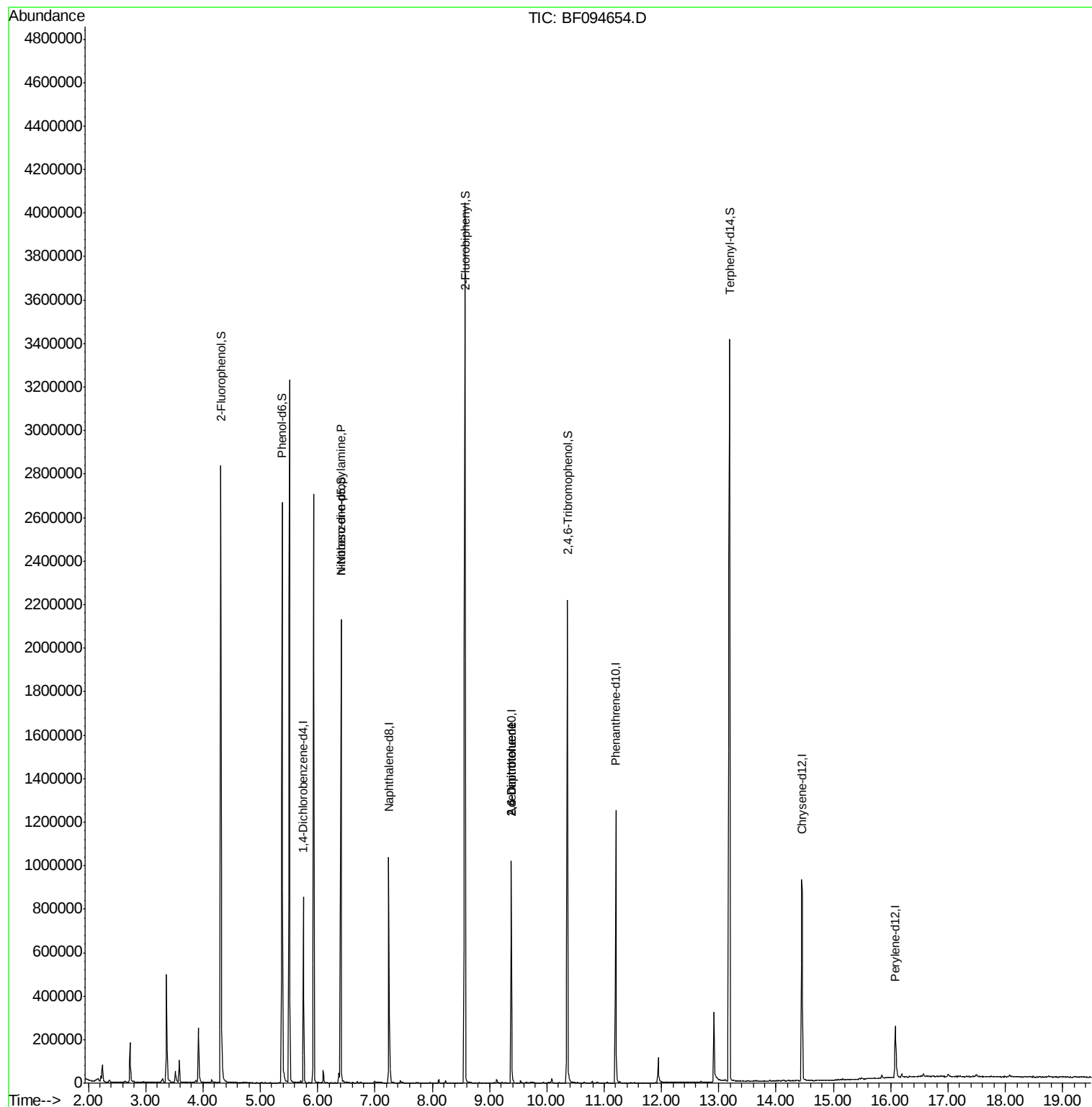
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.75	152	125641	20.00	ng	0.00
21) Naphthalene-d8	7.24	136	523906	20.00	ng	-0.02
38) Acenaphthene-d10	9.38	164	208266	20.00	ng	-0.02
63) Phenanthrene-d10	11.20	188	499793	20.00	ng	-0.02
75) Chrysene-d12	14.45	240	369372	20.00	ng	-0.02
86) Perylene-d12	16.08	264	59976	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.31	112	932290	123.11	ng	0.00
7) Phenol-d6	5.38	99	1012153	113.37	ng	0.00
23) Nitrobenzene-d5	6.41	82	774734	91.31	ng	0.00
41) 2,4,6-Tribromophenol	10.36	330	315897	193.92	ng	-0.01
44) 2-Fluorobiphenyl	8.57	172	1446153	102.17	ng	-0.01
78) Terphenyl-d14	13.19	244	1470250	106.39	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	6.41	70	102018	17.25	ng	# 76
50) 2,6-Dinitrotoluene	9.38	165	26139	7.50	ng	# 35
56) 2,4-Dinitrotoluene	9.38	165	26139	6.11	ng	# 34

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

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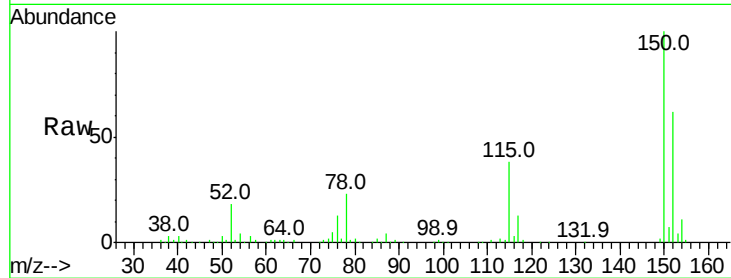


#1

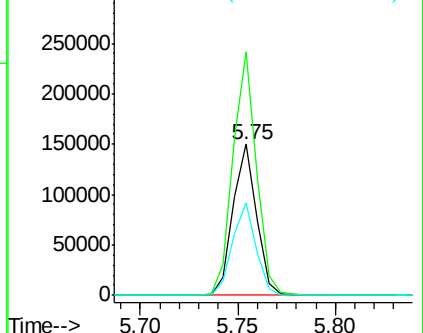
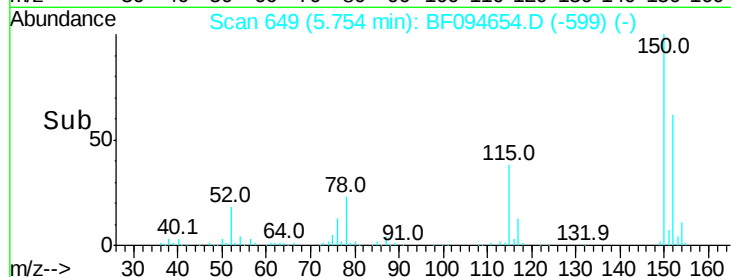
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.75 min Scan# 649
Delta R.T. -0.01 min
Lab File: BF094654.D
Acq: 26 Apr 2017 18:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 125641
Ion Ratio Lower Upper
152 100
150 160.9 126.2 189.2
115 61.3 52.2 78.2



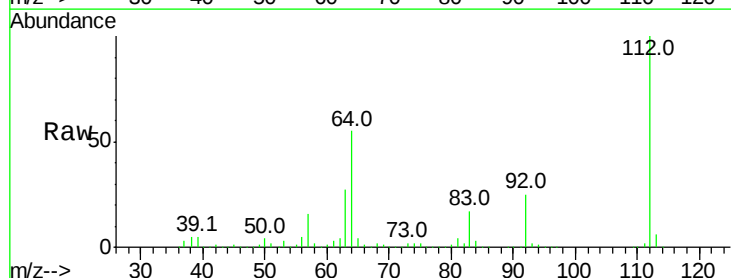
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



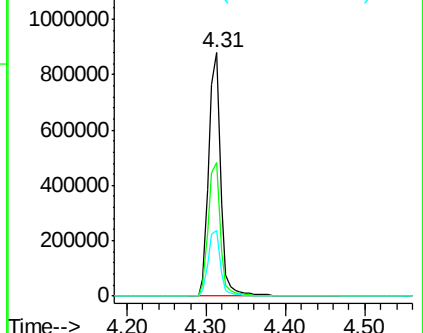
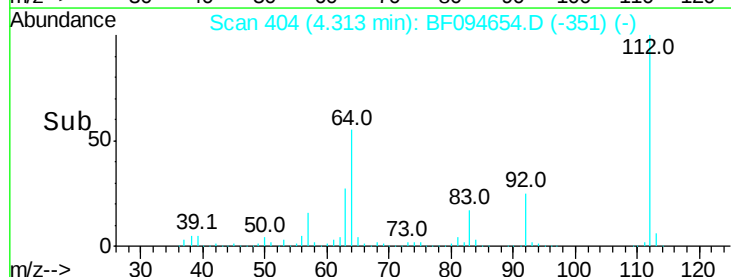
#5

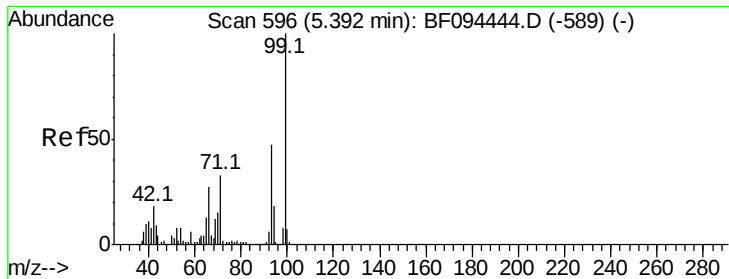
2-Fluorophenol
Concen: 123.11 ng
RT: 4.31 min Scan# 404
Delta R.T. 0.01 min
Lab File: BF094654.D
Acq: 26 Apr 2017 18:35

Tgt Ion:112 Resp: 932290
Ion Ratio Lower Upper
112 100
64 55.0 46.0 69.0
63 27.0 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: 113.37 ng

RT: 5.38 min Scan# 586

Delta R.T. -0.01 min

Lab File: BF094654.D

Acq: 26 Apr 2017 18:35

Instrument :

BNA_F

ClientSampleId :

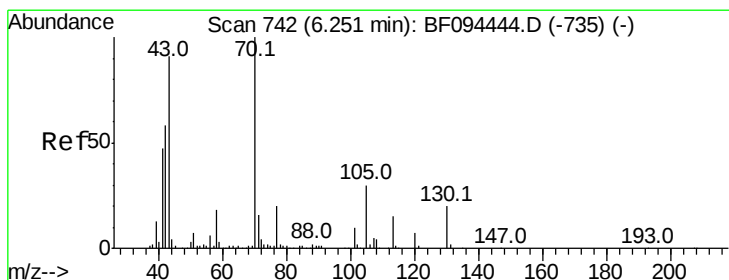
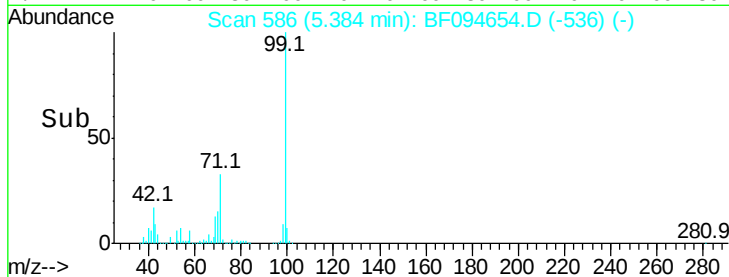
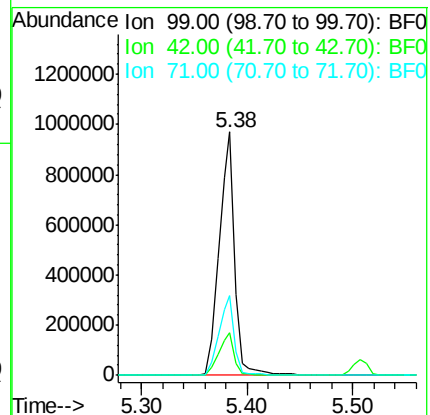
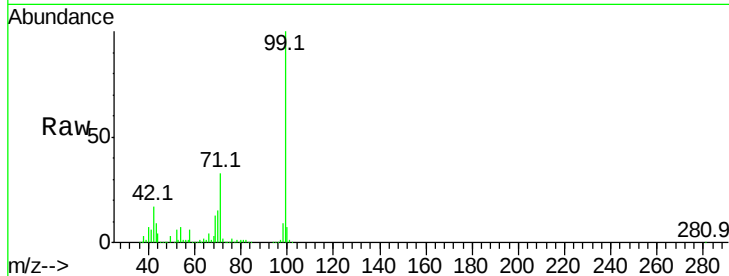
Tot Ion: 99 Resp: 1012153

Ion Ratio Lower Upper

99 100

42 17.4 13.5 20.3

71 32.6 24.5 36.7



#19

n-Nitroso-di-n-propylamine

Concen: 17.25 ng

RT: 6.41 min Scan# 760

Delta R.T. 0.16 min

Lab File: BF094654.D

Acq: 26 Apr 2017 18:35

Tgt Ion: 70 Resp: 102018

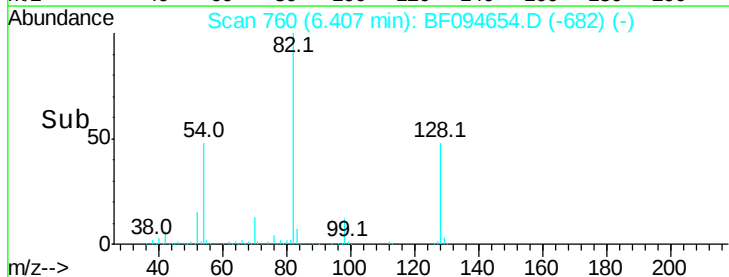
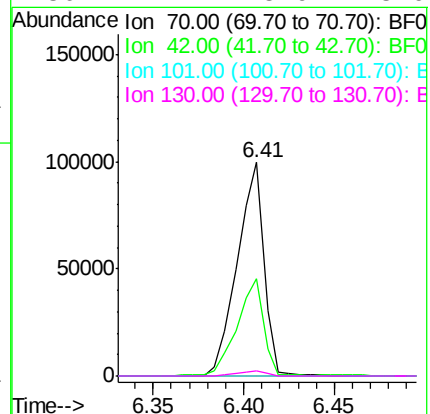
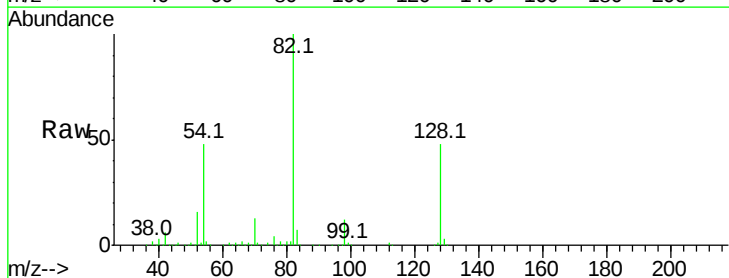
Ion Ratio Lower Upper

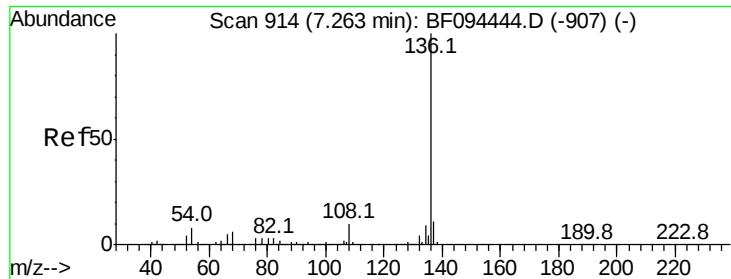
70 100

42 45.3 47.2 70.8#

101 0.0 7.2 10.8#

130 2.2 15.9 23.9#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.24 min Scan# 902

Delta R.T. -0.02 min

Lab File: BF094654.D

Acq: 26 Apr 2017 18:35

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 523906

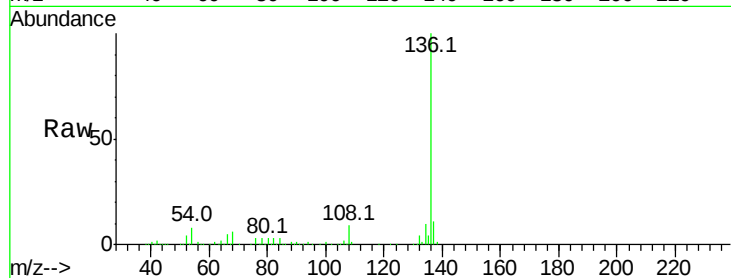
Ion Ratio Lower Upper

136 100

137 11.2 8.5 12.7

54 7.8 4.9 7.3#

68 5.8 4.1 6.1

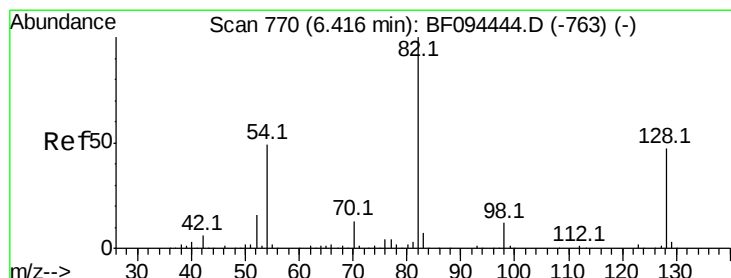
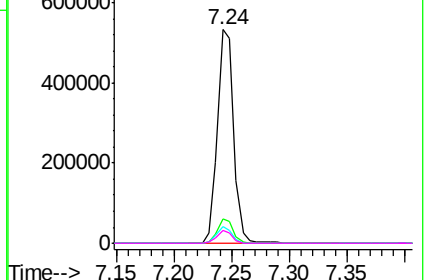
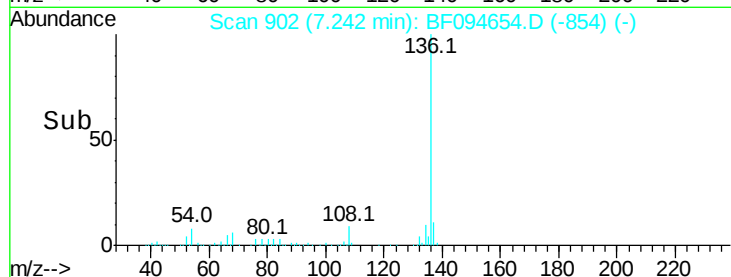


Abundance Ion 136.00 (135.70 to 136.70): E

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: 91.31 ng

RT: 6.41 min Scan# 760

Delta R.T. -0.01 min

Lab File: BF094654.D

Acq: 26 Apr 2017 18:35

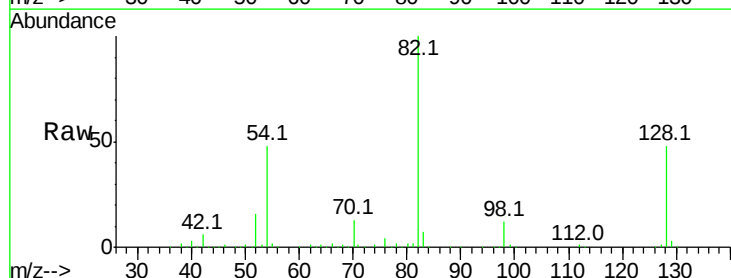
Tgt Ion: 82 Resp: 774734

Ion Ratio Lower Upper

82 100

128 47.5 34.0 51.0

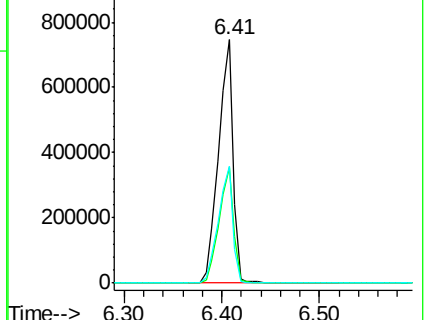
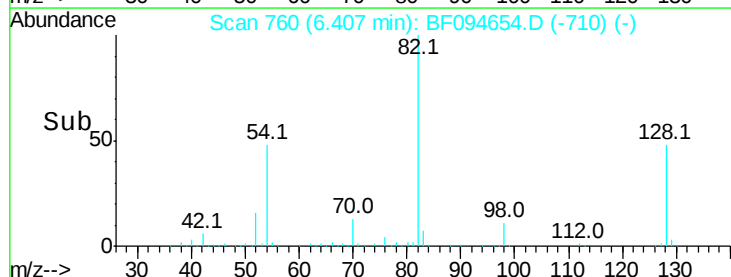
54 48.0 42.2 63.2



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: 9.38 min Scan# 1265

Delta R.T. -0.02 min

Lab File: BF094654.D

Acq: 26 Apr 2017 18:35

Instrument :

BNA_F

ClientSampleId :

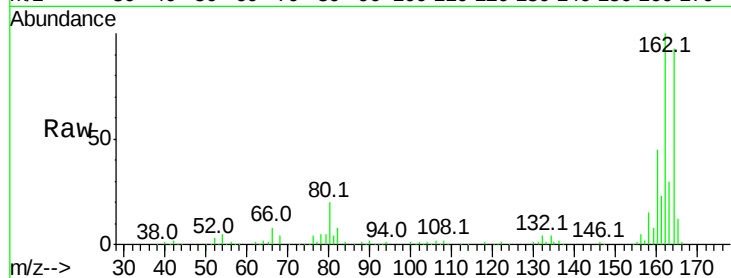
Tot Ion:164 Resp: 208266

Ion Ratio Lower Upper

164 100

162 107.3 82.6 123.8

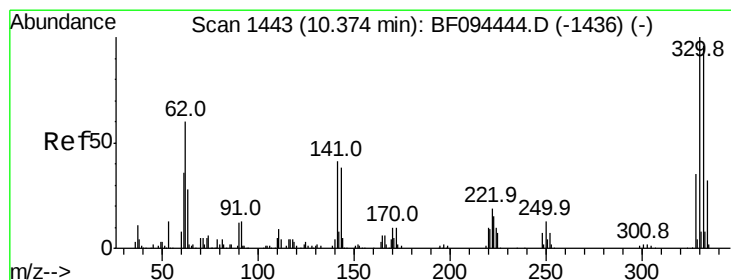
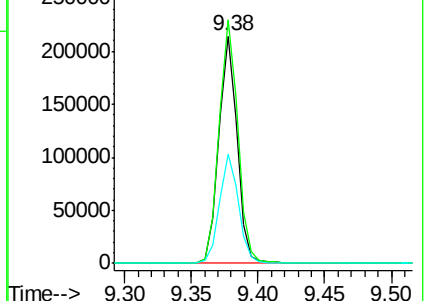
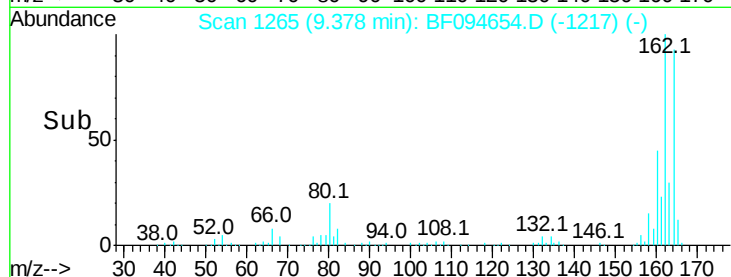
160 48.3 36.2 54.2



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: 193.92 ng

RT: 10.36 min Scan# 1432

Delta R.T. -0.01 min

Lab File: BF094654.D

Acq: 26 Apr 2017 18:35

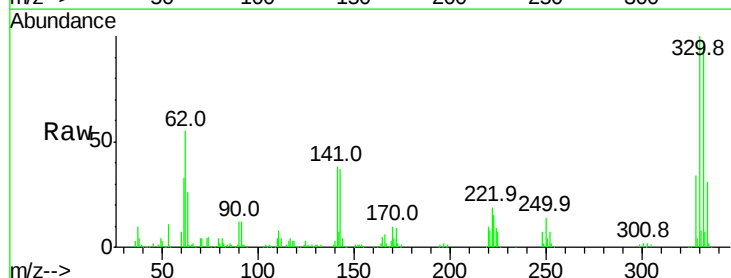
Tgt Ion:330 Resp: 315897

Ion Ratio Lower Upper

330 100

332 95.9 76.6 115.0

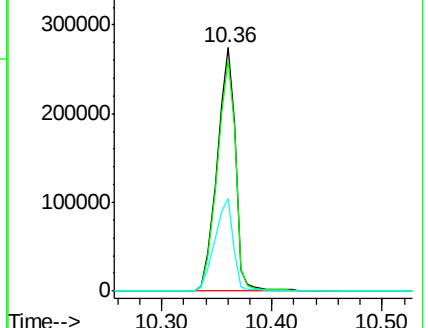
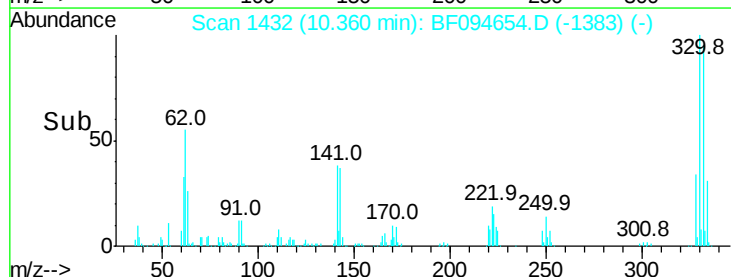
141 38.6 31.4 47.2

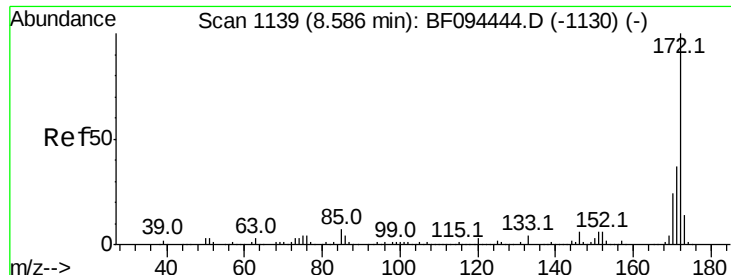


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



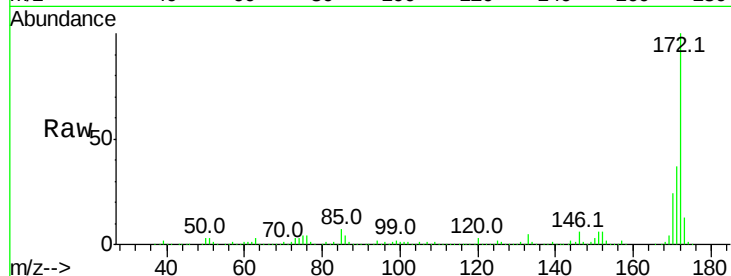


#44
 2-Fluorobiphenyl
 Concen: 102.17 ng
 RT: 8.57 min Scan# 1128
 Delta R.T. -0.01 min
 Lab File: BF094654.D
 Acq: 26 Apr 2017 18:35

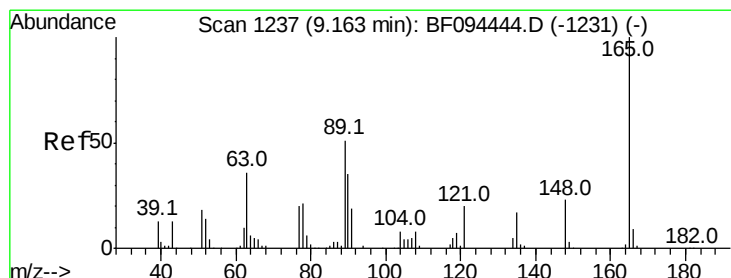
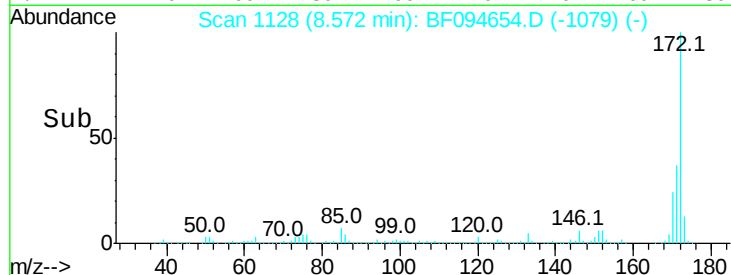
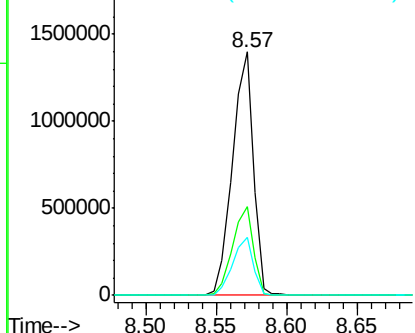
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1446153

Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.6	44.4
170	23.8	19.8	29.8



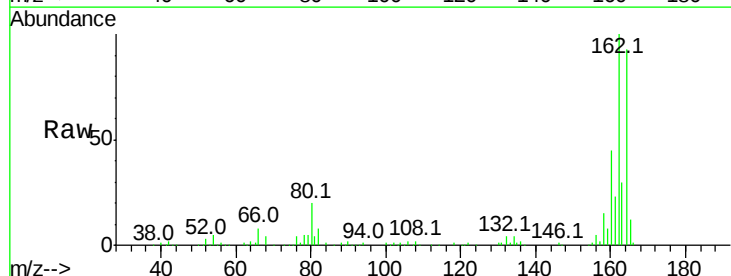
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



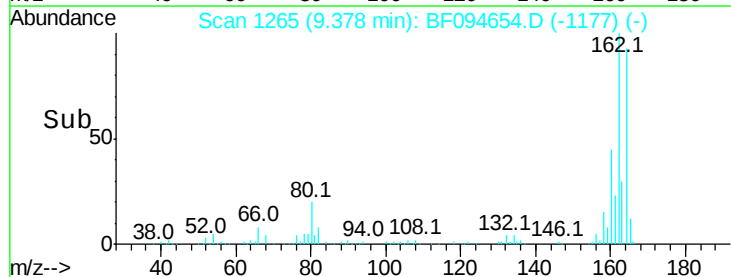
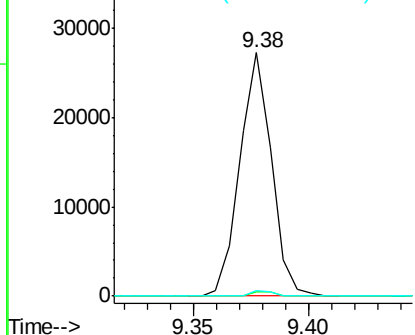
#50
 2,6-Dinitrotoluene
 Concen: 7.50 ng
 RT: 9.38 min Scan# 1265
 Delta R.T. 0.21 min
 Lab File: BF094654.D
 Acq: 26 Apr 2017 18:35

Tgt Ion:165 Resp: 26139

Ion	Ratio	Lower	Upper
165	100		
63	1.8	34.3	51.5#
89	2.3	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

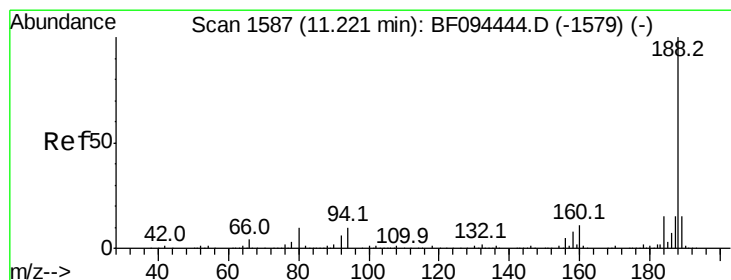
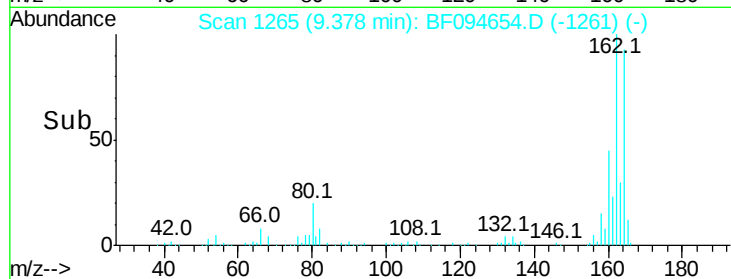
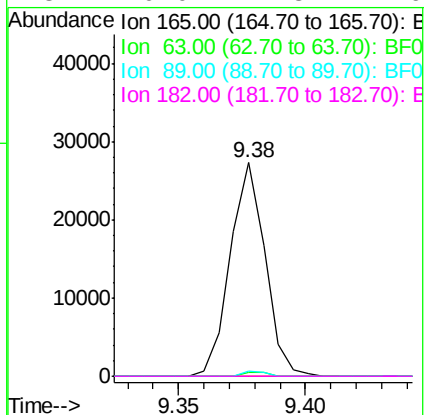
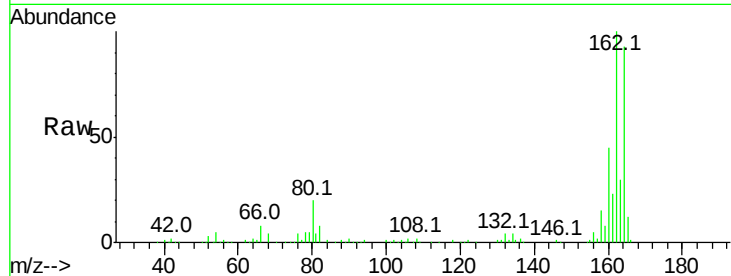




#56
 2,4-Dinitrotoluene
 Concen: 6.11 ng
 RT: 9.38 min Scan# 1265
 Delta R.T. -0.28 min
 Lab File: BF094654.D
 Acq: 26 Apr 2017 18:35

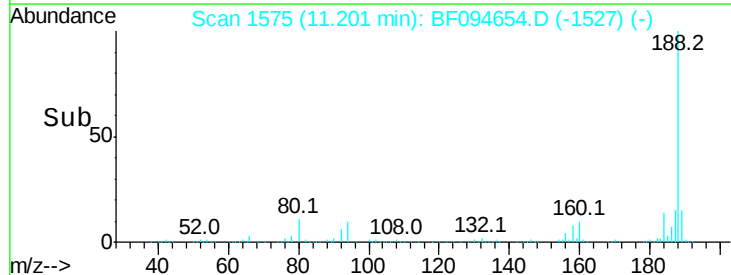
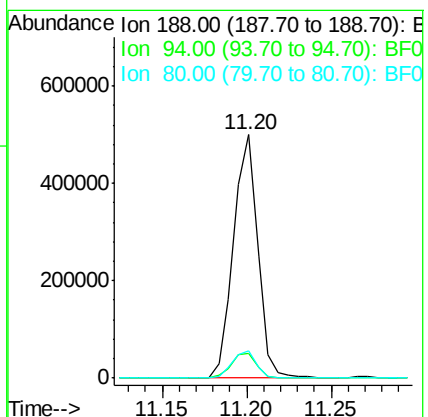
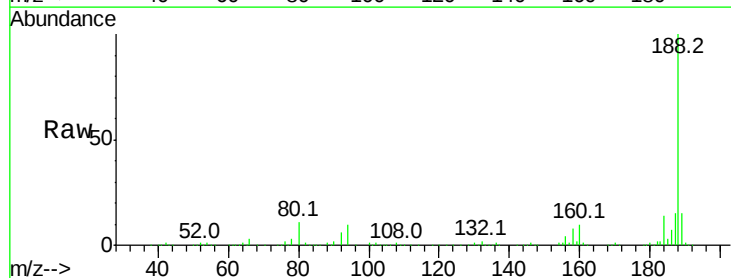
Instrument :
 BNA_F
 ClientSampleId :

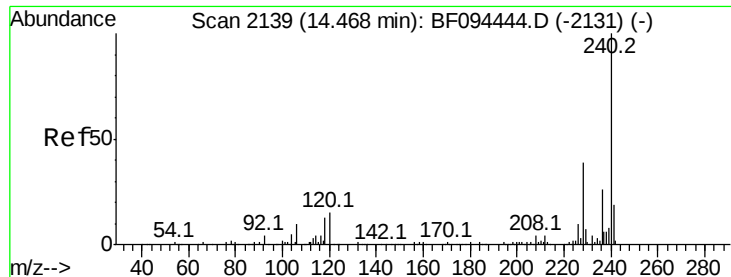
Tot Ion:	165	Resp:	26139
Ion	Ratio	Lower	Upper
165	100		
63	1.8	25.4	38.0#
89	2.3	46.4	69.6#
182	0.0	1.8	2.6#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.20 min Scan# 1575
 Delta R.T. -0.02 min
 Lab File: BF094654.D
 Acq: 26 Apr 2017 18:35

Tgt Ion:	188	Resp:	499793
Ion	Ratio	Lower	Upper
188	100		
94	10.1	9.4	14.2
80	11.0	10.2	15.2





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.45 min Scan# 2127

Delta R.T. -0.02 min

Lab File: BF094654.D

Acq: 26 Apr 2017 18:35

Instrument :

BNA_F

ClientSampleId :

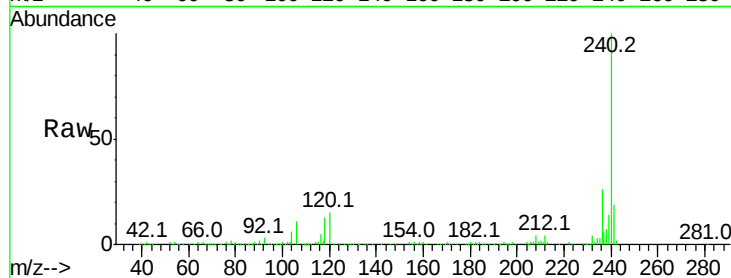
Tot Ion:240 Resp: 369372

Ion Ratio Lower Upper

240 100

120 14.9 5.8 8.8#

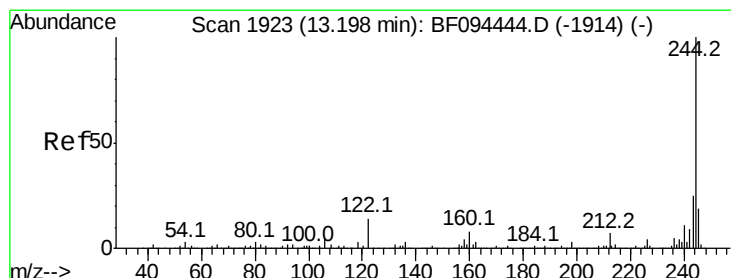
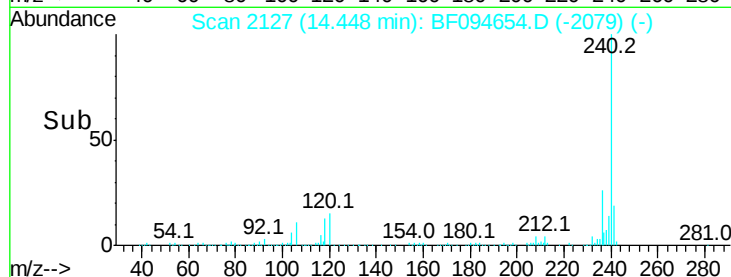
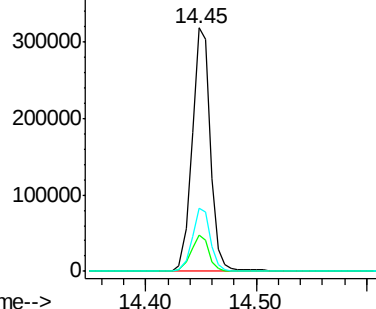
236 25.7 20.5 30.7



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: 106.39 ng

RT: 13.19 min Scan# 1913

Delta R.T. -0.01 min

Lab File: BF094654.D

Acq: 26 Apr 2017 18:35

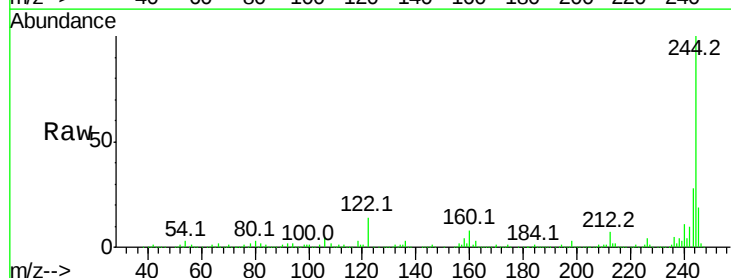
Tgt Ion:244 Resp: 1470250

Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

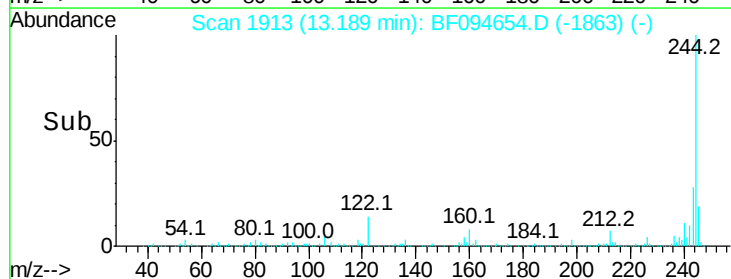
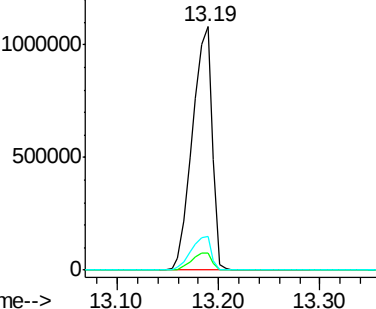
122 13.7 10.3 15.5

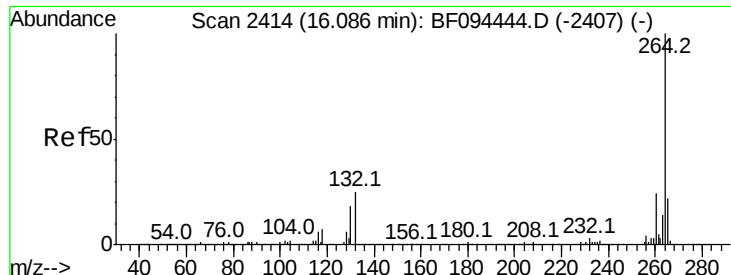


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

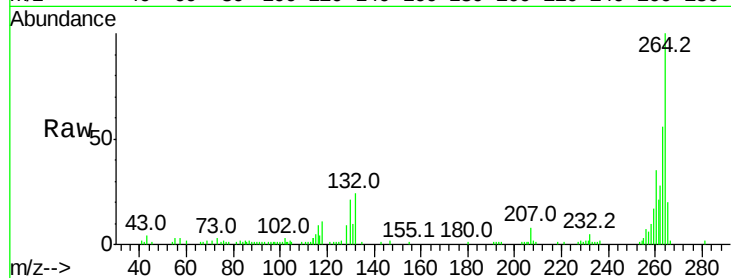




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 16.08 min Scan# 2404
 Delta R.T. -0.01 min
 Lab File: BF094654.D
 Acq: 26 Apr 2017 18:35

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:264 Resp: 59976
 Ion Ratio Lower Upper
 264 100
 260 34.8 19.5 29.3#
 265 19.9 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

