

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042617\
 Data File : BF094648.D
 Acq On : 26 Apr 2017 15:52
 Operator : SJ/MA
 Sample : I2782-06RE
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 27 01:23:06 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

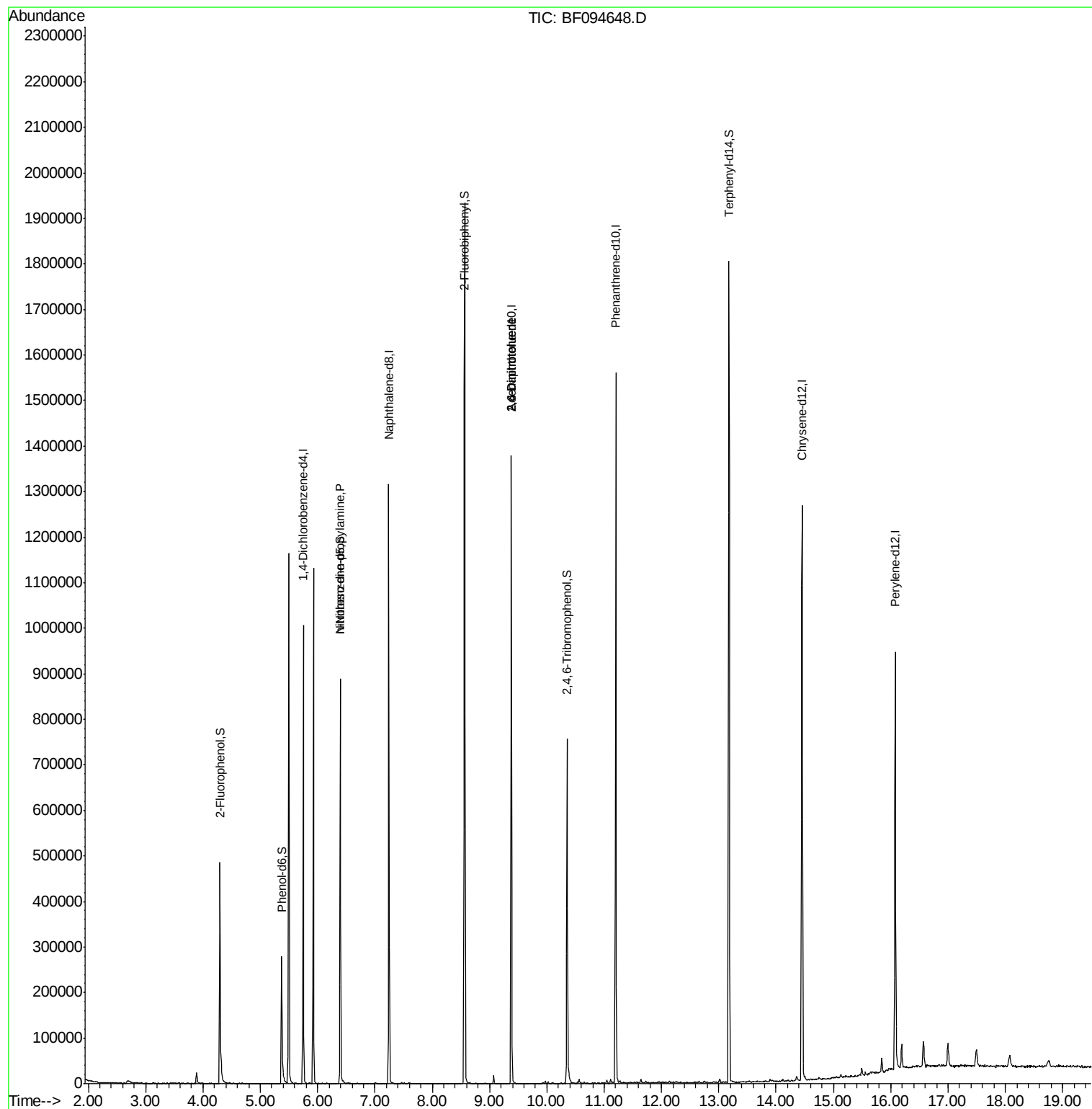
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.75	152	152931	20.00	ng	-0.01
21) Naphthalene-d8	7.24	136	648044	20.00	ng	-0.02
38) Acenaphthene-d10	9.38	164	323746	20.00	ng	-0.02
63) Phenanthrene-d10	11.20	188	624158	20.00	ng	-0.02
75) Chrysene-d12	14.45	240	528498	20.00	ng	-0.01
86) Perylene-d12	16.08	264	382137	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.30	112	173067	18.78	ng	0.00
7) Phenol-d6	5.37	99	132190	12.16	ng	-0.02
23) Nitrobenzene-d5	6.40	82	288832	27.52	ng	-0.02
41) 2,4,6-Tribromophenol	10.35	330	103753	40.97	ng	-0.02
44) 2-Fluorobiphenyl	8.57	172	643783	29.26	ng	-0.02
78) Terphenyl-d14	13.18	244	630782	31.90	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	6.40	70	36720	5.10	ng	# 76
50) 2,6-Dinitrotoluene	9.38	165	41260	7.62	ng	# 33
56) 2,4-Dinitrotoluene	9.38	165	41259	6.21	ng	# 33

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

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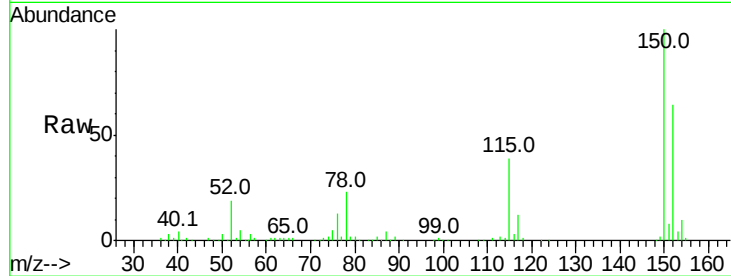


#1

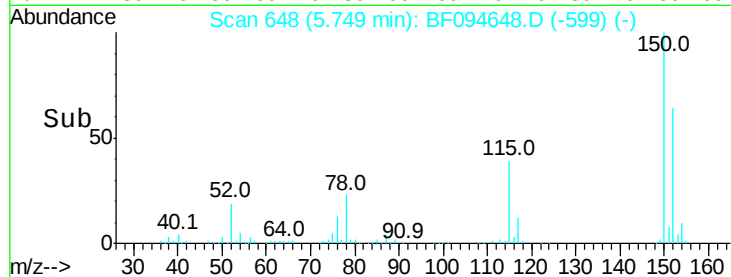
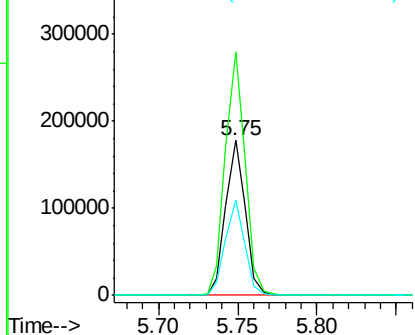
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.75 min Scan# 648
Delta R.T. -0.01 min
Lab File: BF094648.D
Acq: 26 Apr 2017 15:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 152931
Ion Ratio Lower Upper
152 100
150 157.4 126.2 189.2
115 61.4 52.2 78.2



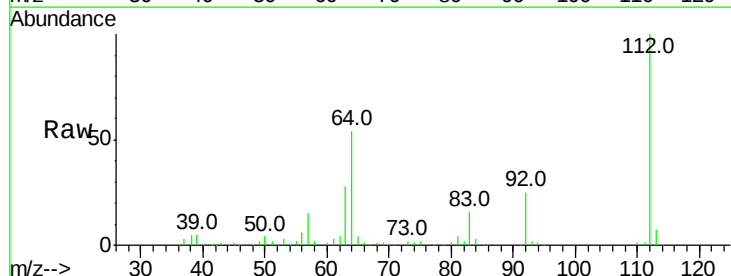
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



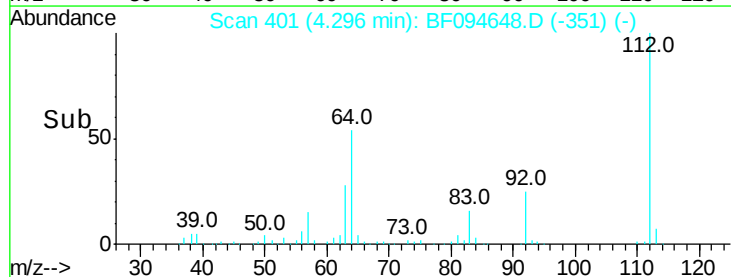
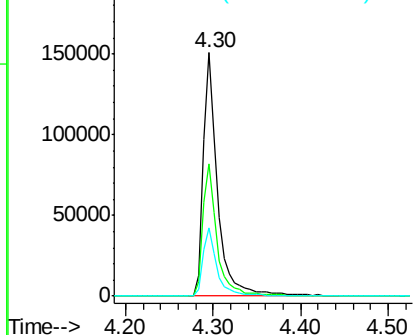
#5

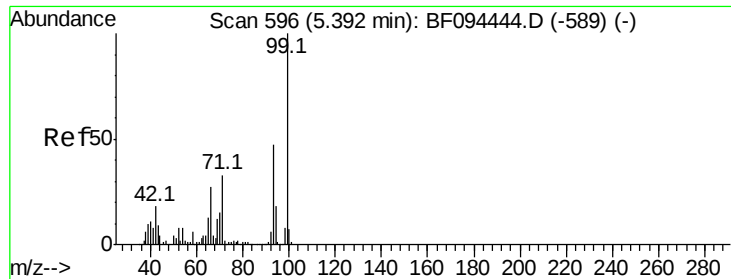
2-Fluorophenol
Concen: 18.78 ng
RT: 4.30 min Scan# 401
Delta R.T. -0.01 min
Lab File: BF094648.D
Acq: 26 Apr 2017 15:52

Tgt Ion:112 Resp: 173067
Ion Ratio Lower Upper
112 100
64 54.4 46.0 69.0
63 27.9 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: 12.16 ng

RT: 5.37 min Scan# 584

Delta R.T. -0.02 min

Lab File: BF094648.D

Acq: 26 Apr 2017 15:52

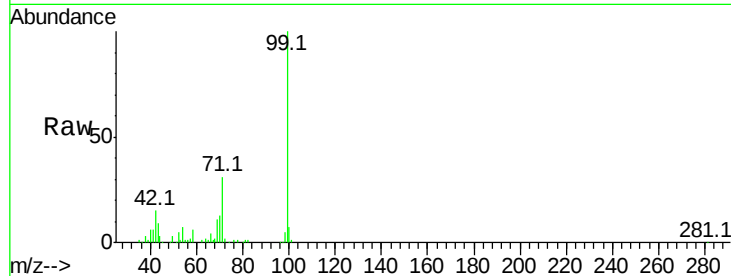
Instrument :

BNA_F

ClientSampled :

Tot Ion: 99 Resp: 132190

Ion	Ratio	Lower	Upper
99	100		
42	15.1	13.5	20.3
71	30.9	24.5	36.7

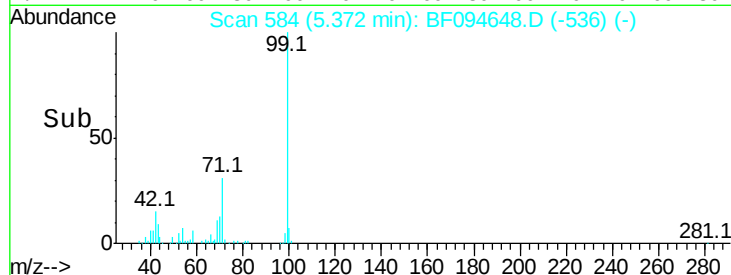


Abundance

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

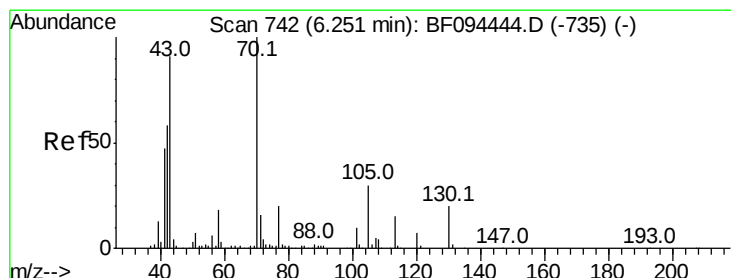


Abundance

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: 5.10 ng

RT: 6.40 min Scan# 758

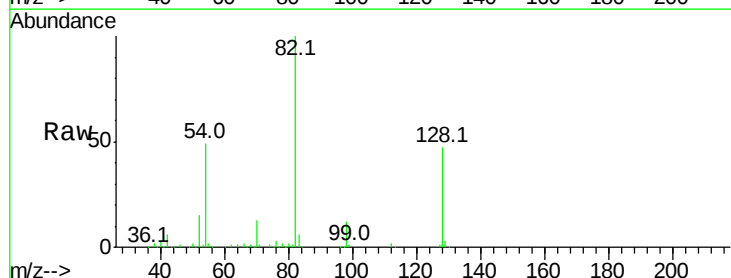
Delta R.T. 0.14 min

Lab File: BF094648.D

Acq: 26 Apr 2017 15:52

Tgt Ion: 70 Resp: 36720

Ion	Ratio	Lower	Upper
70	100		
42	44.4	47.2	70.8#
101	0.0	7.2	10.8#
130	2.5	15.9	23.9#



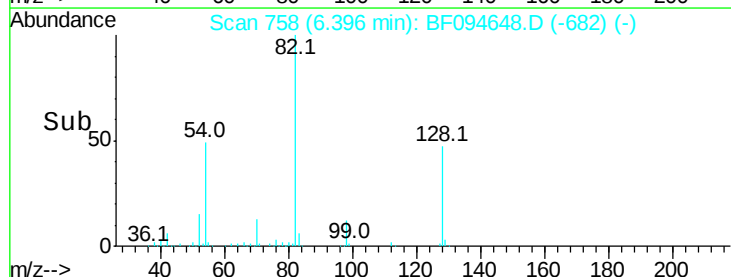
Abundance

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



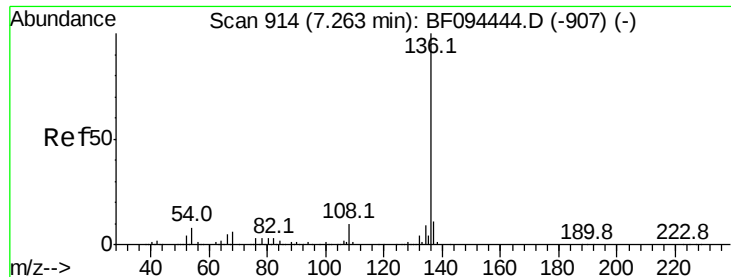
Abundance

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: 7.24 min Scan# 902

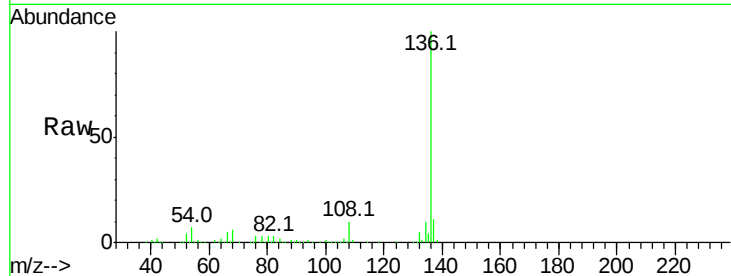
Delta R.T. -0.02 min

Lab File: BF094648.D

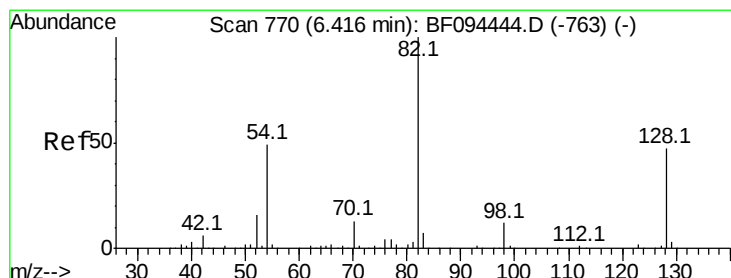
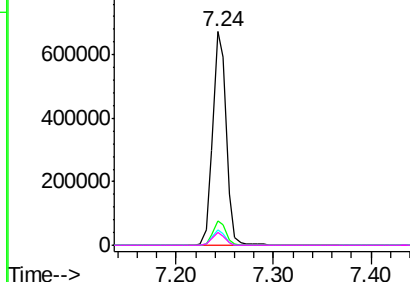
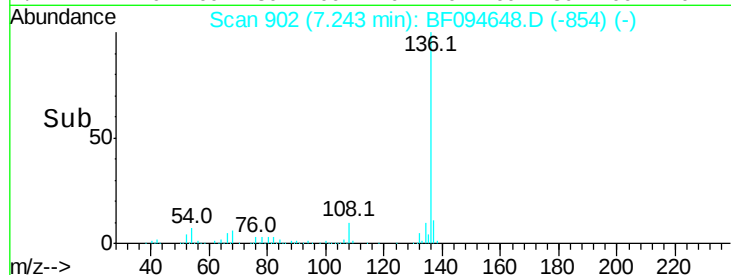
Acq: 26 Apr 2017 15:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	648044
Ion Ratio	Lower	Upper
136	100	
137	11.2	8.5 12.7
54	7.4	4.9 7.3#
68	6.0	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: 27.52 ng

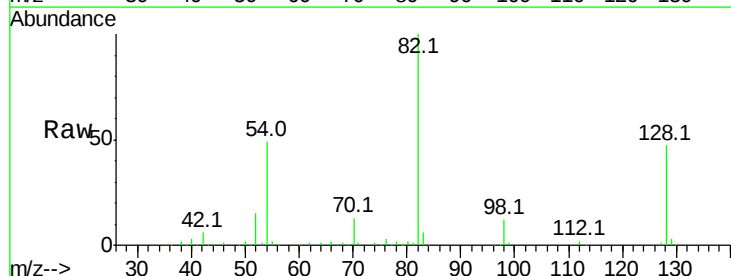
RT: 6.40 min Scan# 758

Delta R.T. -0.02 min

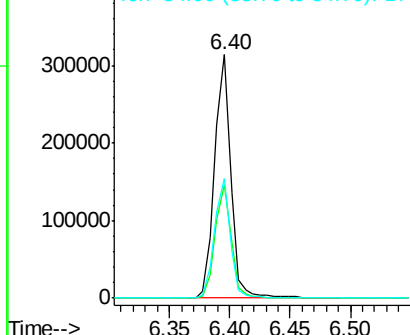
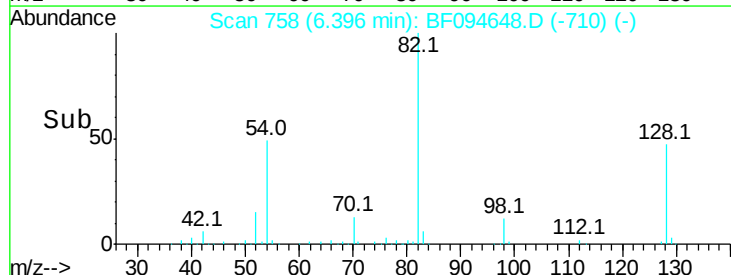
Lab File: BF094648.D

Acq: 26 Apr 2017 15:52

Tgt Ion: 82	Resp:	288832
Ion Ratio	Lower	Upper
82	100	
128	46.6	34.0 51.0
54	48.8	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: 9.38 min Scan# 1265

Delta R.T. -0.02 min

Lab File: BF094648.D

Acq: 26 Apr 2017 15:52

Instrument :

BNA_F

ClientSampleId :

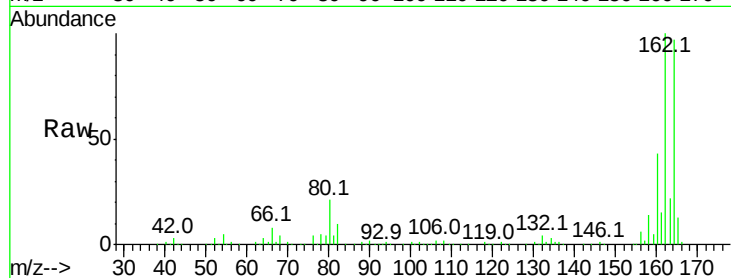
Tot Ion:164 Resp: 323746

Ion Ratio Lower Upper

164 100

162 102.6 82.6 123.8

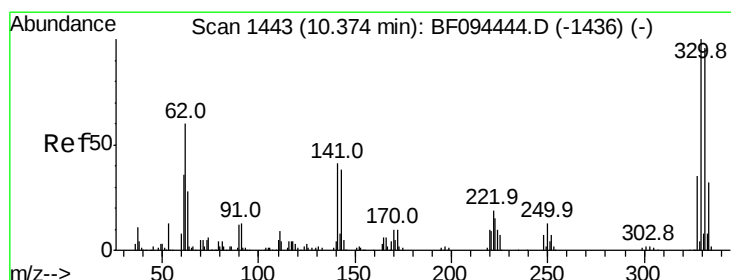
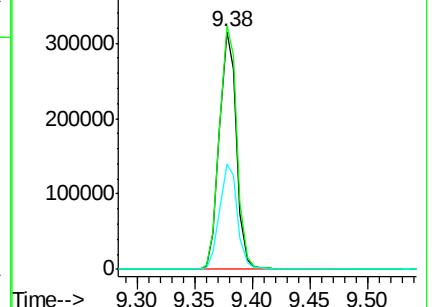
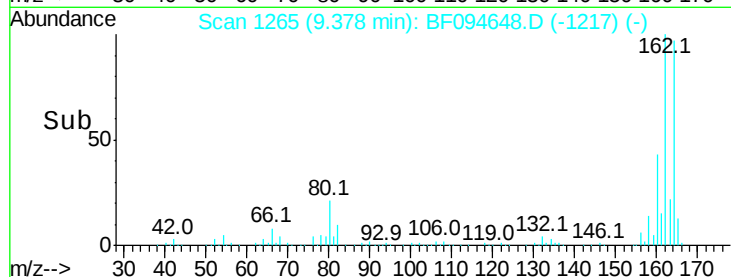
160 44.3 36.2 54.2



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: 40.97 ng

RT: 10.35 min Scan# 1431

Delta R.T. -0.02 min

Lab File: BF094648.D

Acq: 26 Apr 2017 15:52

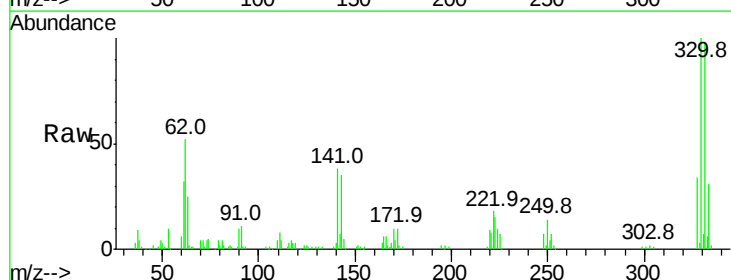
Tgt Ion:330 Resp: 103753

Ion Ratio Lower Upper

330 100

332 95.7 76.6 115.0

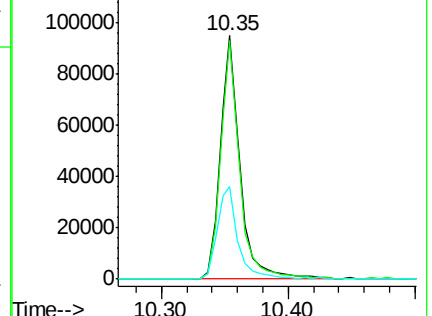
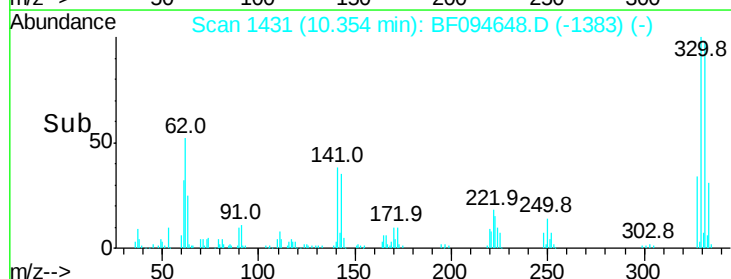
141 40.4 31.4 47.2

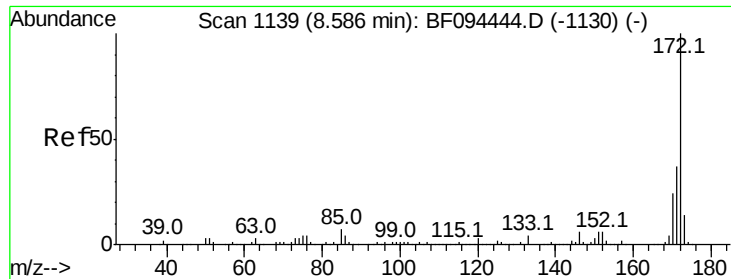


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

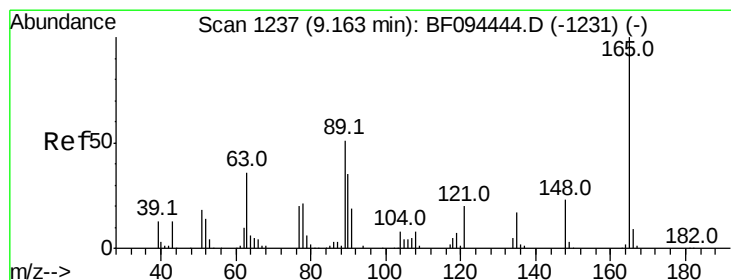
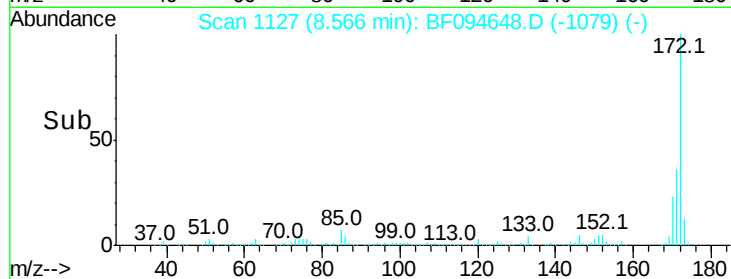
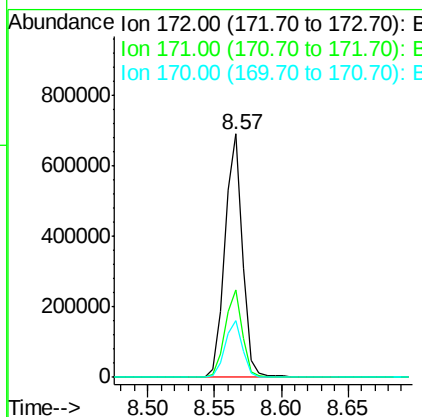
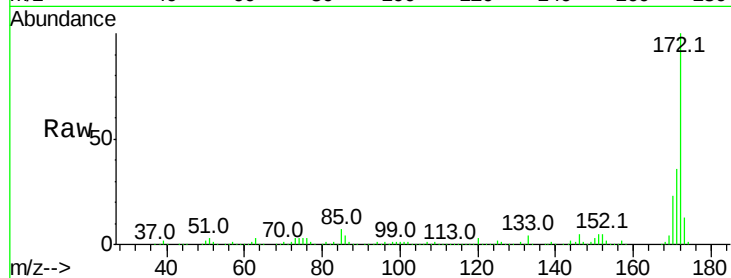




#44
 2-Fluorobiphenyl
 Concen: 29.26 ng
 RT: 8.57 min Scan# 1127
 Delta R.T. -0.02 min
 Lab File: BF094648.D
 Acq: 26 Apr 2017 15:52

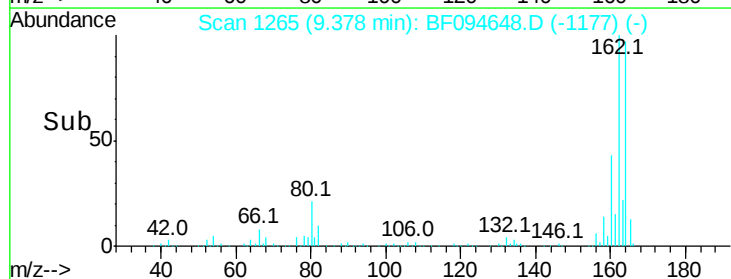
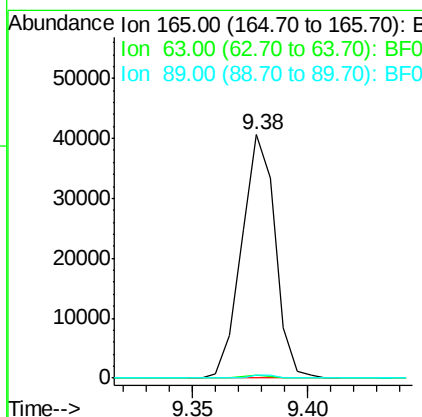
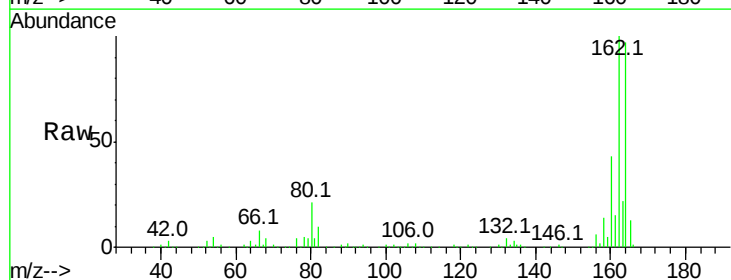
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.6	44.4
170	23.3	19.8	29.8



#50
 2,6-Dinitrotoluene
 Concen: 7.62 ng
 RT: 9.38 min Scan# 1265
 Delta R.T. 0.21 min
 Lab File: BF094648.D
 Acq: 26 Apr 2017 15:52

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	34.3	51.5#
89	1.1	37.1	55.7#

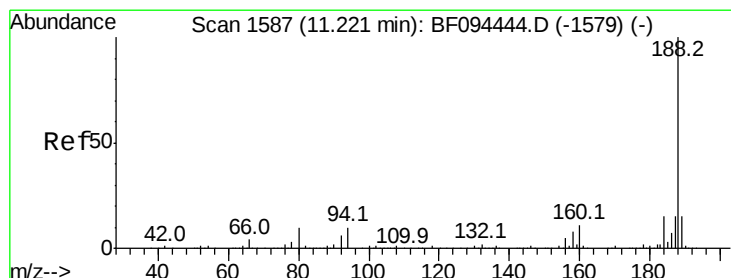
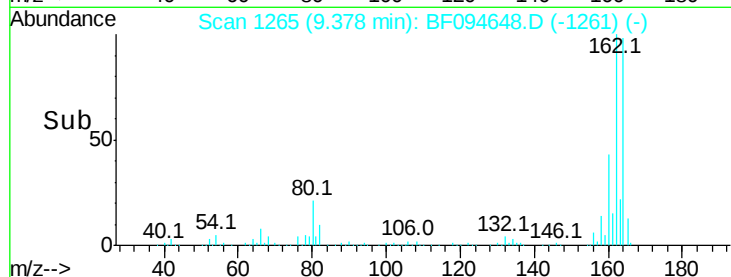
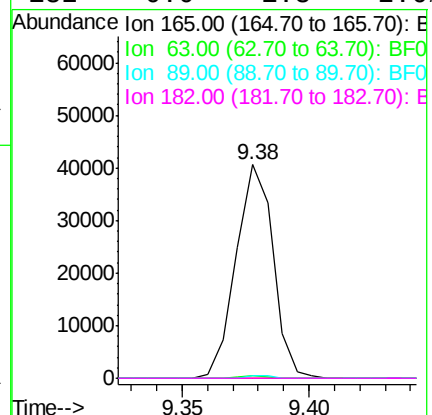
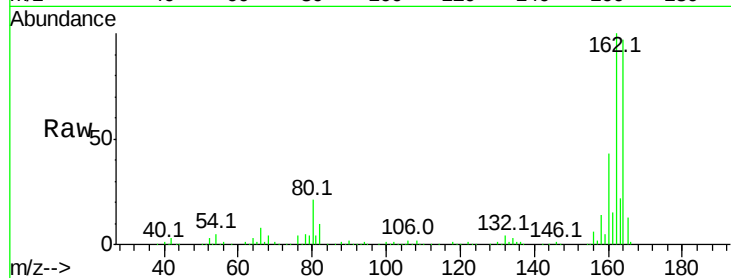




#56
 2,4-Dinitrotoluene
 Concen: 6.21 ng
 RT: 9.38 min Scan# 1265
 Delta R.T. -0.28 min
 Lab File: BF094648.D
 Acq: 26 Apr 2017 15:52

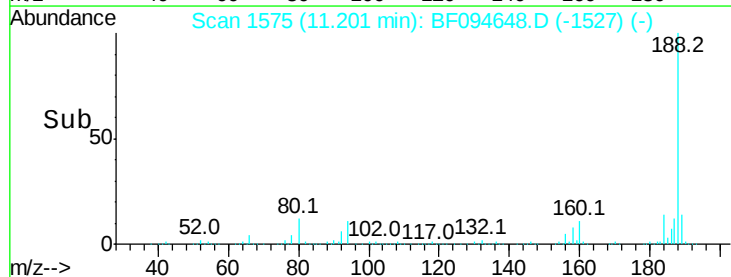
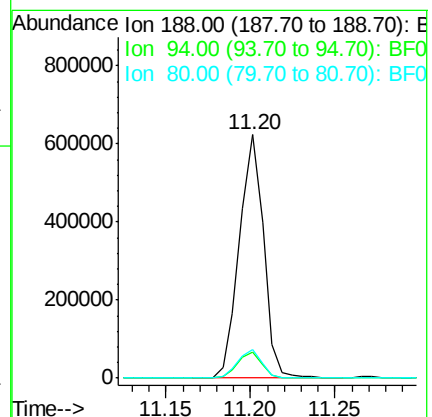
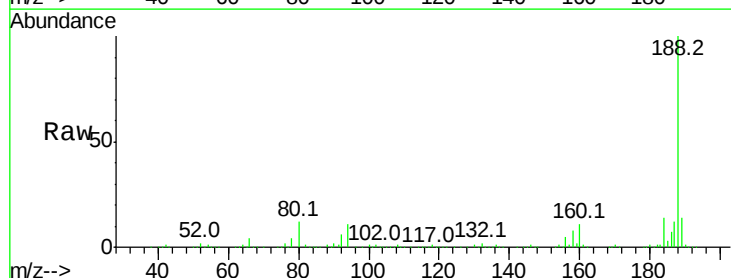
Instrument :
 BNA_F
 ClientSampleId :

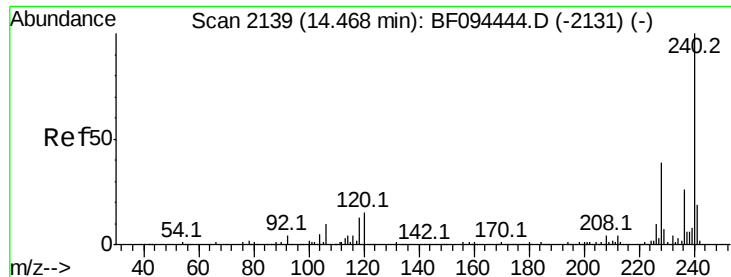
Tot Ion:165 Resp: 41259
 Ion Ratio Lower Upper
 165 100
 63 1.3 25.4 38.0#
 89 1.1 46.4 69.6#
 182 0.0 1.8 2.6#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.20 min Scan# 1575
 Delta R.T. -0.02 min
 Lab File: BF094648.D
 Acq: 26 Apr 2017 15:52

Tgt Ion:188 Resp: 624158
 Ion Ratio Lower Upper
 188 100
 94 10.6 9.4 14.2
 80 11.6 10.2 15.2





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.45 min Scan# 2128

Delta R.T. -0.01 min

Lab File: BF094648.D

Acq: 26 Apr 2017 15:52

Instrument :

BNA_F

ClientSampleId :

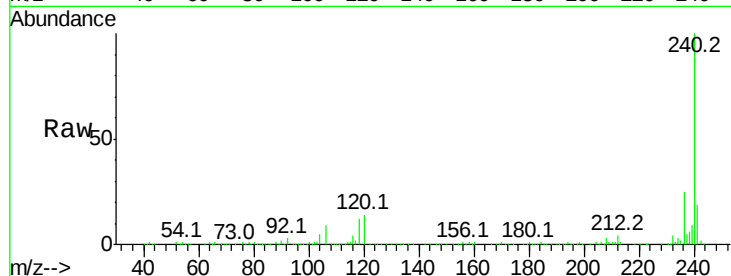
Tot Ion:240 Resp: 528498

Ion Ratio Lower Upper

240 100

120 14.1 5.8 8.8#

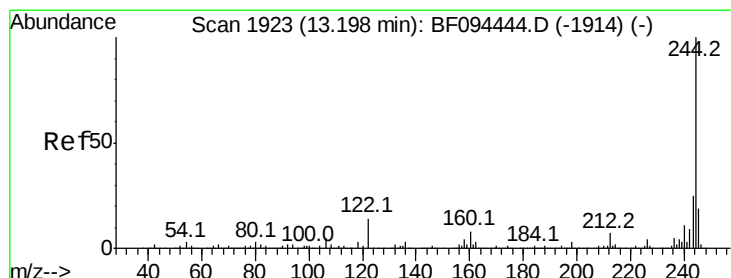
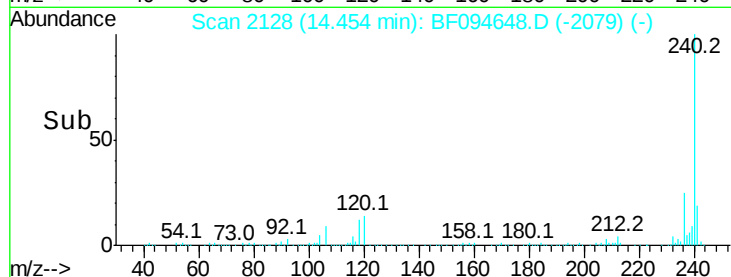
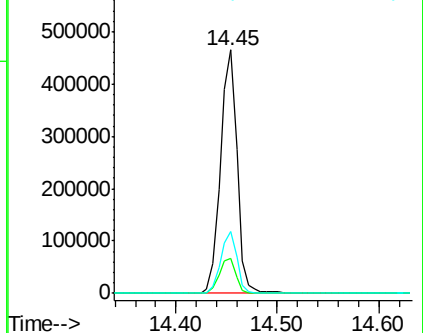
236 25.4 20.5 30.7



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: 31.90 ng

RT: 13.18 min Scan# 1911

Delta R.T. -0.02 min

Lab File: BF094648.D

Acq: 26 Apr 2017 15:52

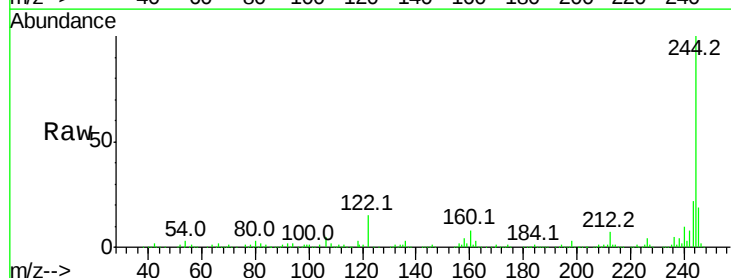
Tgt Ion:244 Resp: 630782

Ion Ratio Lower Upper

244 100

212 6.8 6.0 9.0

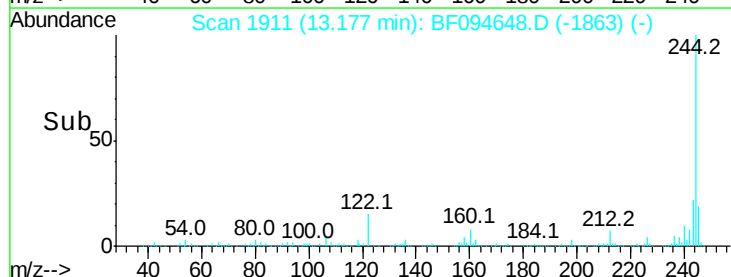
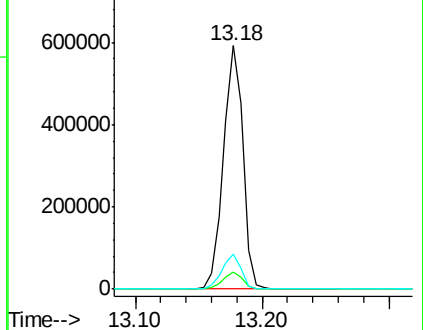
122 14.6 10.3 15.5

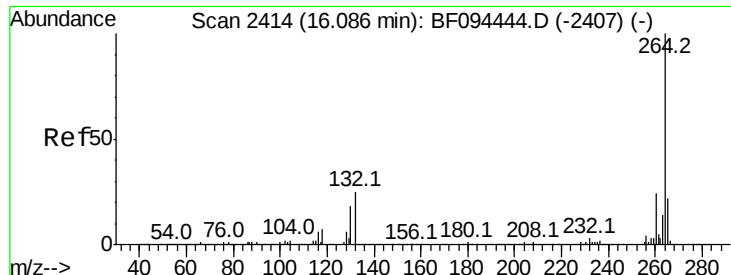


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

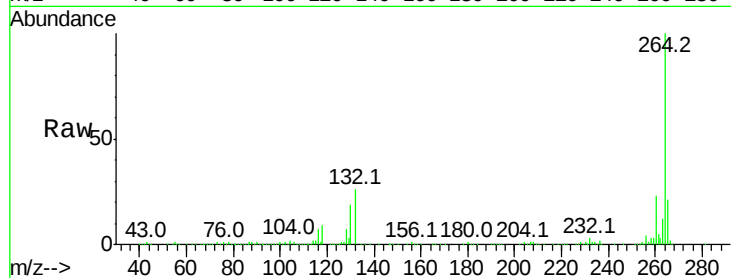




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 16.08 min Scan# 2404
 Delta R.T. -0.01 min
 Lab File: BF094648.D
 Acq: 26 Apr 2017 15:52

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.5	29.3
265	21.1	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

