

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042417\
 Data File : BF094590.D
 Acq On : 24 Apr 2017 17:31
 Operator : SJ/MA
 Sample : PB98421TB
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB98421TB

Quant Time: Apr 25 01:06:26 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

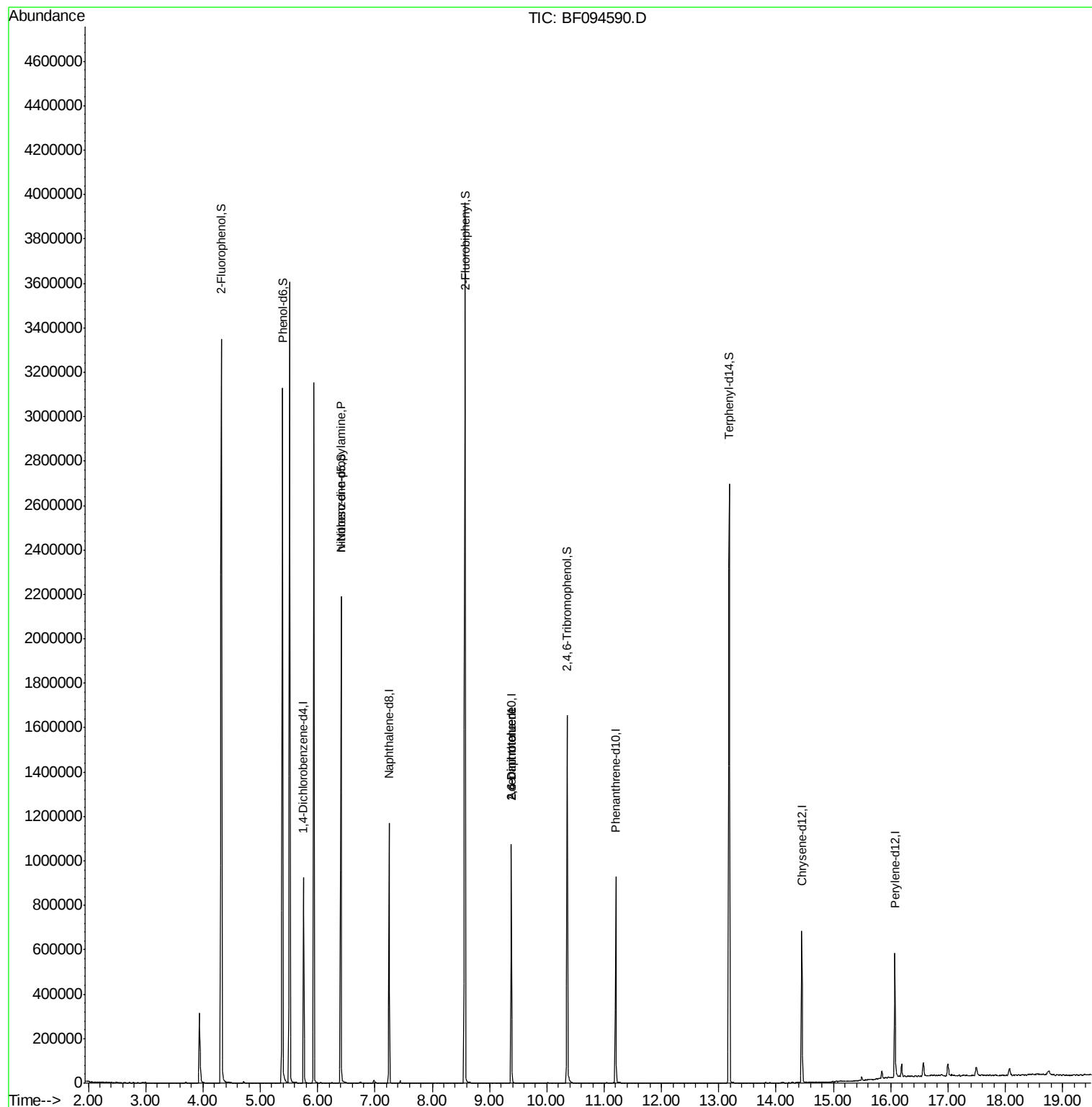
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.75	152	146992	20.00	ng	0.00
21) Naphthalene-d8	7.25	136	558266	20.00	ng	-0.01
38) Acenaphthene-d10	9.38	164	236119	20.00	ng	-0.02
63) Phenanthrene-d10	11.20	188	384435	20.00	ng	-0.02
75) Chrysene-d12	14.45	240	262390	20.00	ng	-0.02
86) Perylene-d12	16.07	264	238572	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	4.32	112	1121715	126.61	ng	0.02
7) Phenol-d6	5.39	99	1376605	131.80	ng	0.00
23) Nitrobenzene-d5	6.41	82	820839	90.79	ng	0.00
41) 2,4,6-Tribromophenol	10.36	330	220967	119.64	ng	-0.01
44) 2-Fluorobiphenyl	8.57	172	1445572	90.08	ng	-0.01
78) Terphenyl-d14	13.18	244	1032062	105.13	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	6.41	70	108728	15.71	ng	# 75
50) 2,6-Dinitrotoluene	9.38	165	29704	7.52	ng	# 33
56) 2,4-Dinitrotoluene	9.38	165	29704	6.13	ng	# 32

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

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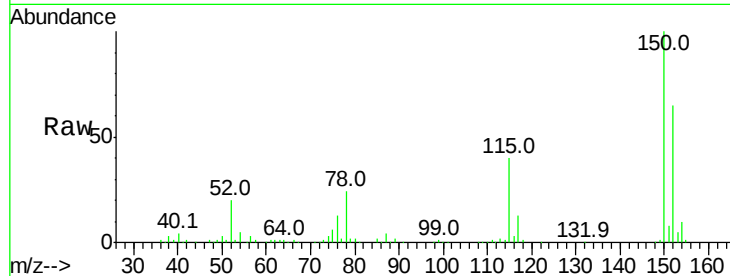


#1

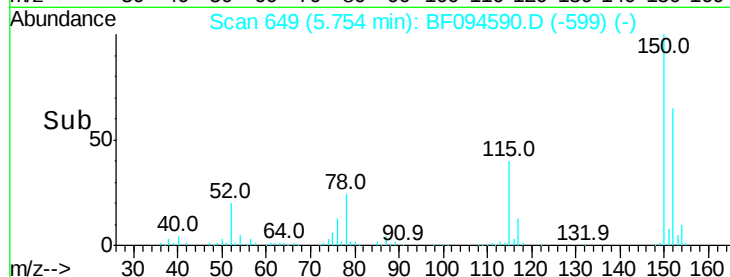
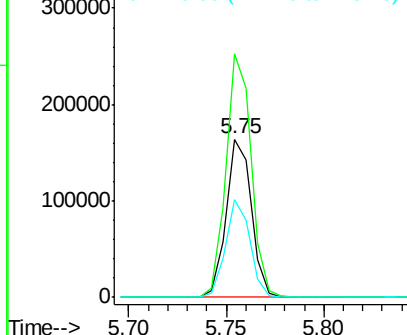
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.75 min Scan# 649
Delta R.T. -0.01 min
Lab File: BF094590.D
Acq: 24 Apr 2017 17:31

Instrument :
BNA_F
ClientSampleId :
PB98421TB

Tot Ion:152 Resp: 146992
Ion Ratio Lower Upper
152 100
150 154.2 126.2 189.2
115 61.5 52.2 78.2



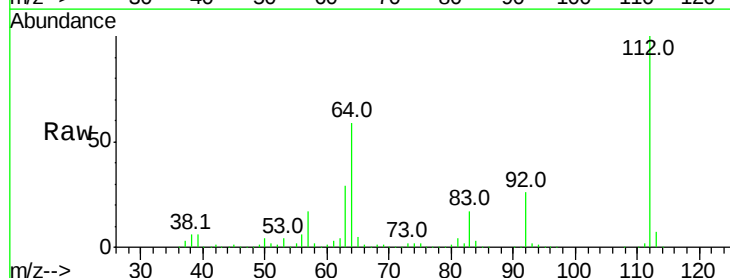
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



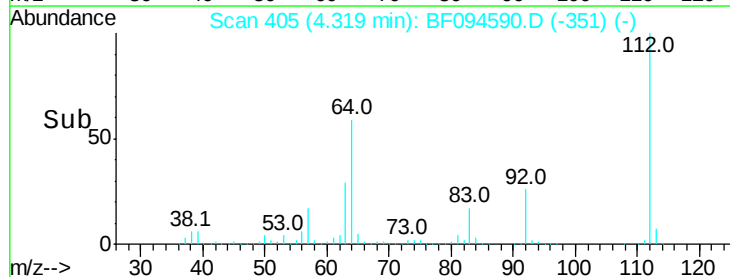
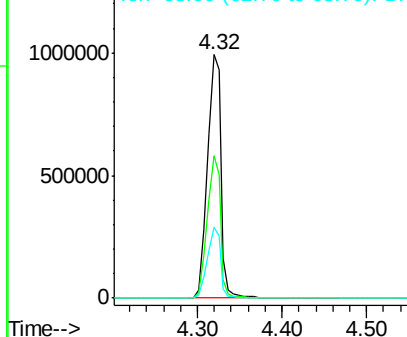
#5

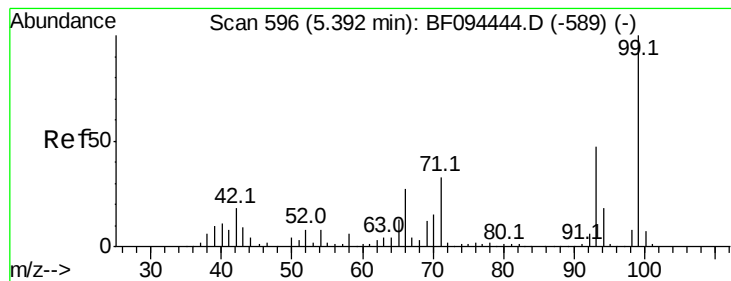
2-Fluorophenol
Concen: 126.61 ng
RT: 4.32 min Scan# 405
Delta R.T. 0.02 min
Lab File: BF094590.D
Acq: 24 Apr 2017 17:31

Tgt Ion:112 Resp: 1121715
Ion Ratio Lower Upper
112 100
64 58.6 46.0 69.0
63 29.3 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: 131.80 ng

RT: 5.39 min Scan# 587

Delta R.T. -0.00 min

Lab File: BF094590.D

Acq: 24 Apr 2017 17:31

Instrument :

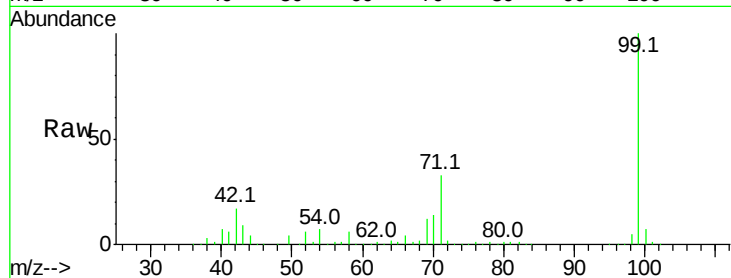
BNA_F

ClientSampleId :

PB98421TB

Tot Ion: 99 Resp: 1376605

Ion	Ratio	Lower	Upper
99	100		
42	17.5	13.5	20.3
71	33.5	24.5	36.7

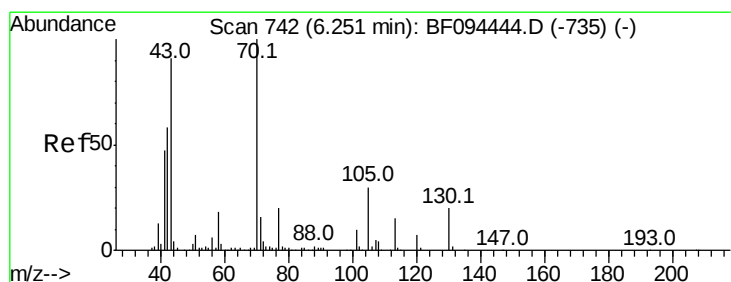
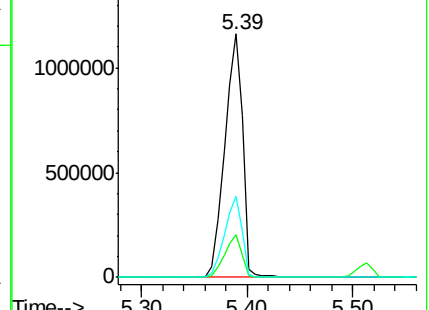
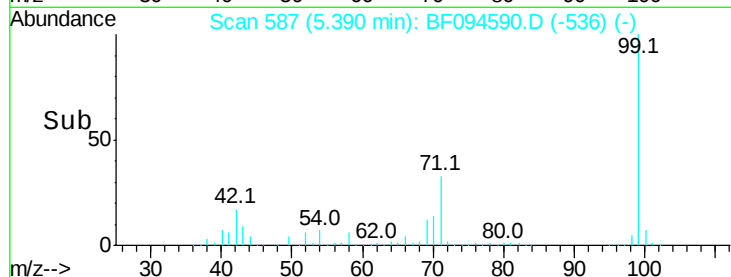


Abundance

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: 15.71 ng

RT: 6.41 min Scan# 760

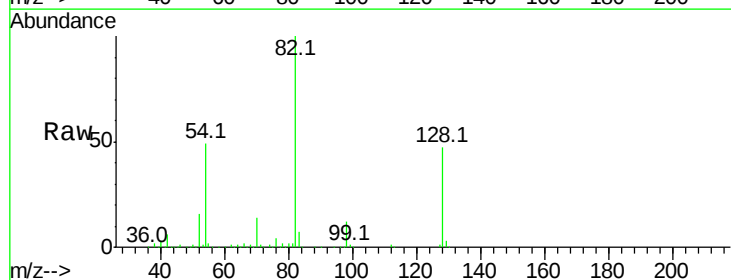
Delta R.T. 0.16 min

Lab File: BF094590.D

Acq: 24 Apr 2017 17:31

Tgt Ion: 70 Resp: 108728

Ion	Ratio	Lower	Upper
70	100		
42	43.3	47.2	70.8#
101	0.0	7.2	10.8#
130	2.5	15.9	23.9#



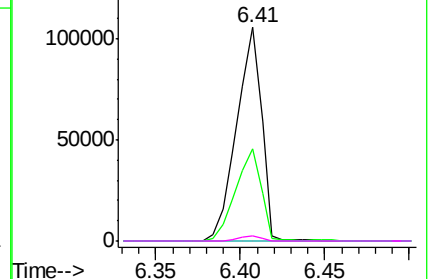
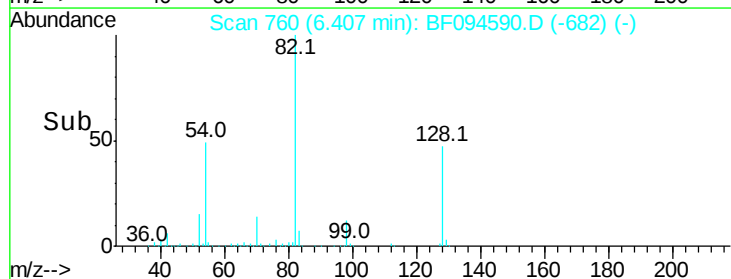
Abundance

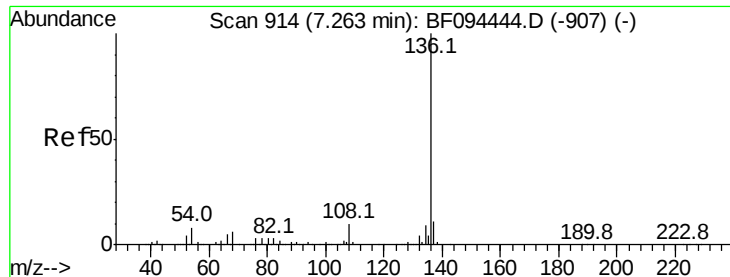
Ion 70.00 (69.70 to 70.70): BF0

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

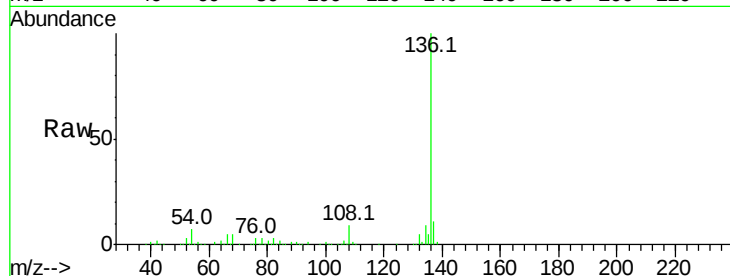




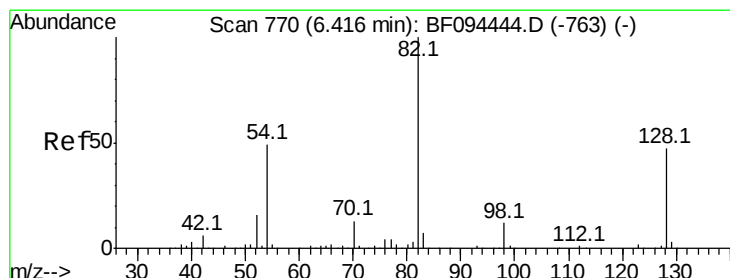
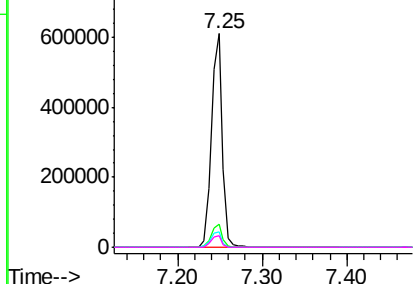
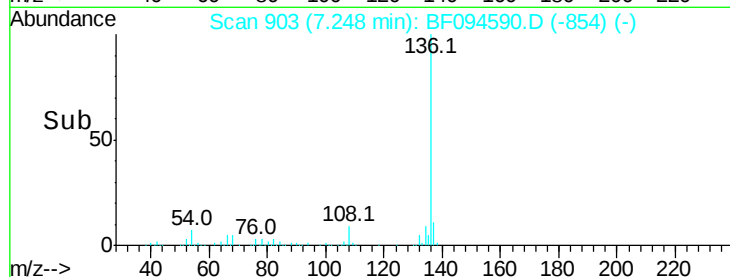
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.25 min Scan# 903
Delta R.T. -0.01 min
Lab File: BF094590.D
Acq: 24 Apr 2017 17:31

Instrument :
BNA_F
ClientSampleId :
PB98421TB

Tot Ion:136	Resp:	558266
Ion Ratio	Lower	Upper
136	100	
137	11.0	8.5 12.7
54	7.0	4.9 7.3
68	5.4	4.1 6.1

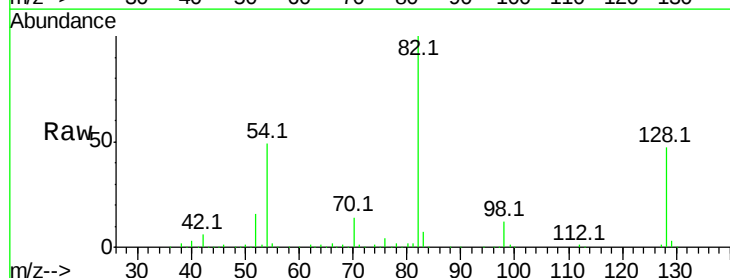


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

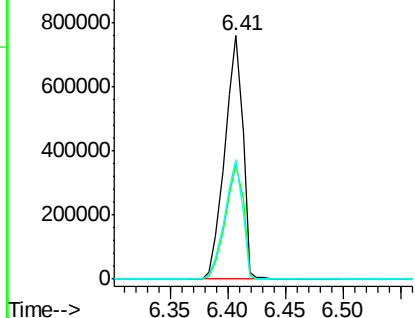
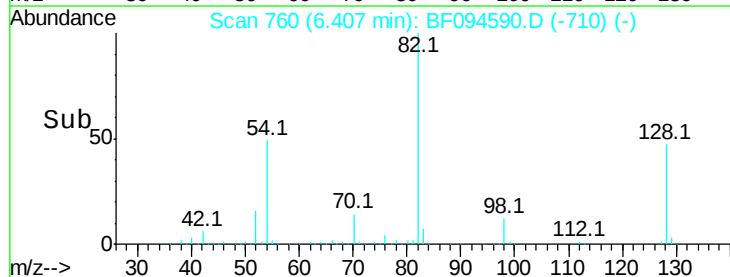


#23
Nitrobenzene-d5
Concen: 90.79 ng
RT: 6.41 min Scan# 760
Delta R.T. -0.01 min
Lab File: BF094590.D
Acq: 24 Apr 2017 17:31

Tgt Ion: 82	Resp:	820839
Ion Ratio	Lower	Upper
82	100	
128	47.1	34.0 51.0
54	49.3	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: 9.38 min Scan# 1265

Delta R.T. -0.02 min

Lab File: BF094590.D

Acq: 24 Apr 2017 17:31

Instrument :

BNA_F

ClientSampleId :

PB98421TB

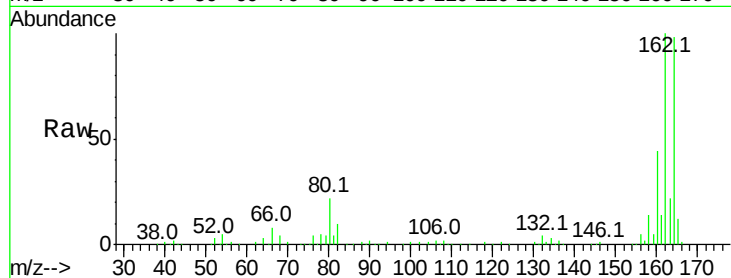
Tot Ion:164 Resp: 236119

Ion Ratio Lower Upper

164 100

162 102.2 82.6 123.8

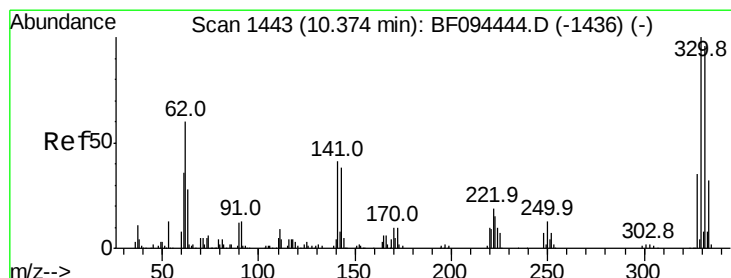
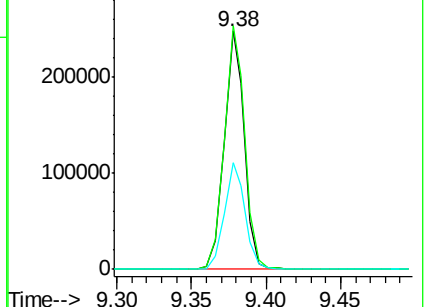
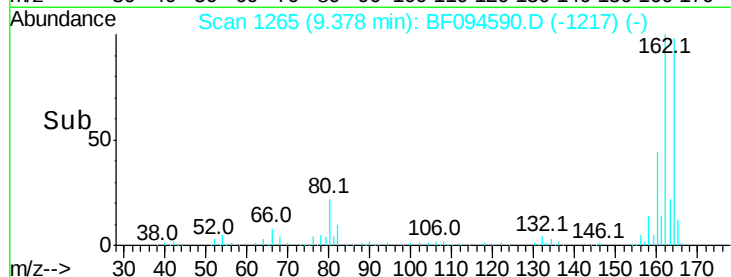
160 44.8 36.2 54.2



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: 119.64 ng

RT: 10.36 min Scan# 1432

Delta R.T. -0.01 min

Lab File: BF094590.D

Acq: 24 Apr 2017 17:31

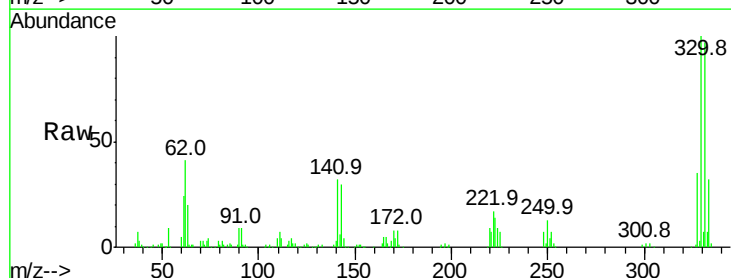
Tgt Ion:330 Resp: 220967

Ion Ratio Lower Upper

330 100

332 95.8 76.6 115.0

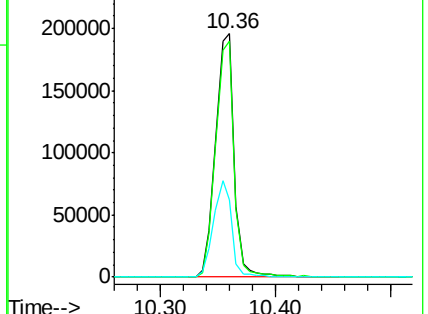
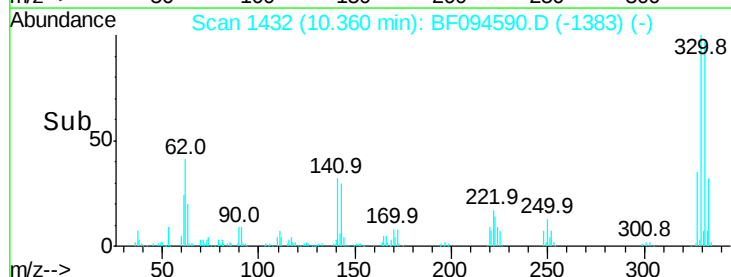
141 38.9 31.4 47.2

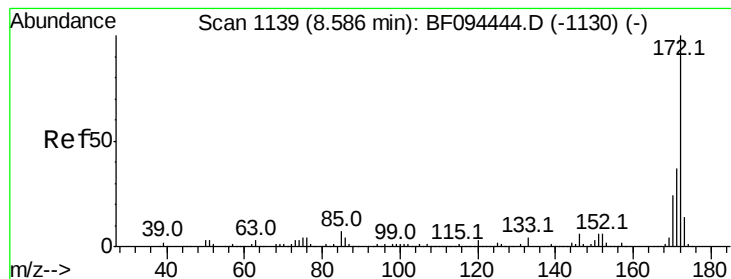


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 90.08 ng

RT: 8.57 min Scan# 1128

Delta R.T. -0.01 min

Lab File: BF094590.D

Acq: 24 Apr 2017 17:31

Instrument :

BNA_F

ClientSampleId :

PB98421TB

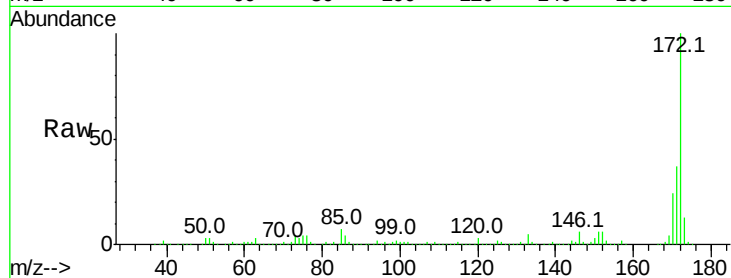
Tot Ion:172 Resp: 1445572

Ion Ratio Lower Upper

172 100

171 36.6 29.6 44.4

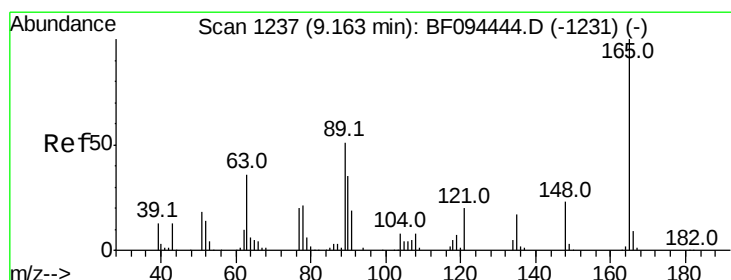
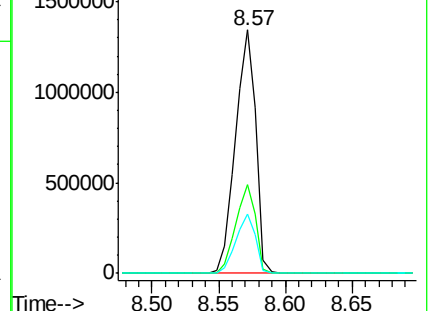
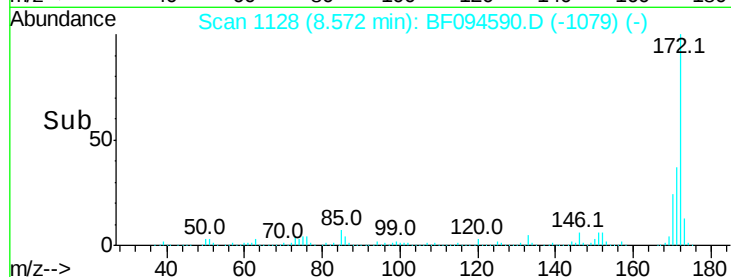
170 24.2 19.8 29.8



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: 7.52 ng

RT: 9.38 min Scan# 1265

Delta R.T. 0.21 min

Lab File: BF094590.D

Acq: 24 Apr 2017 17:31

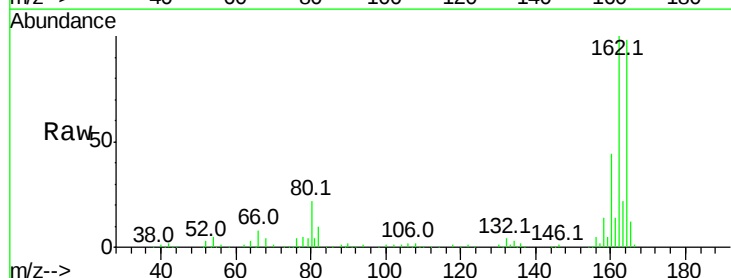
Tgt Ion:165 Resp: 29704

Ion Ratio Lower Upper

165 100

63 0.0 34.3 51.5#

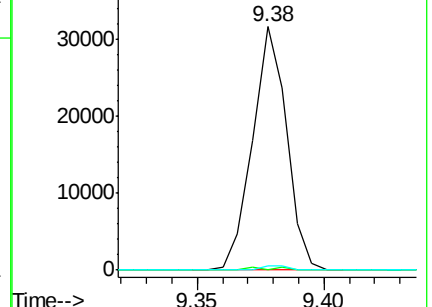
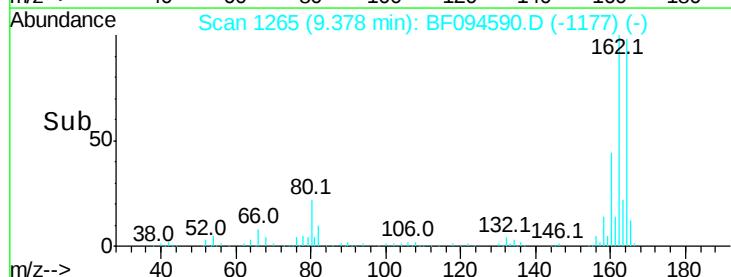
89 1.6 37.1 55.7#



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

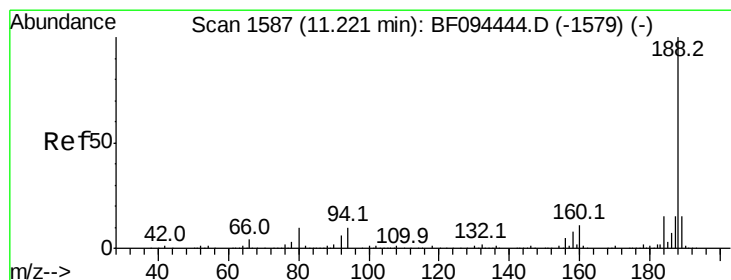
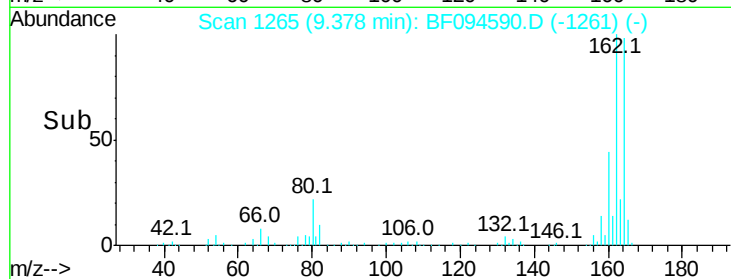
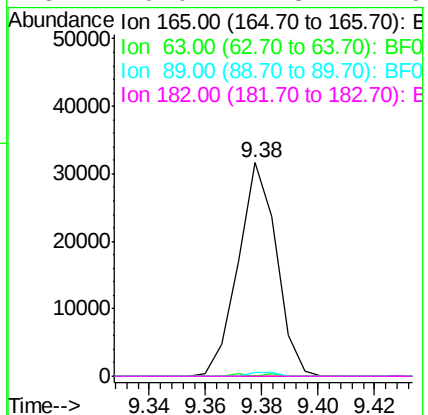
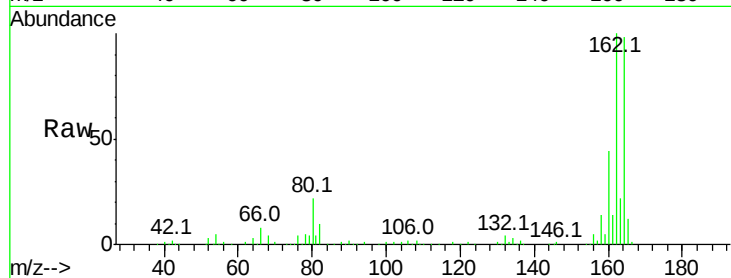




#56
 2,4-Dinitrotoluene
 Concen: 6.13 ng
 RT: 9.38 min Scan# 1265
 Delta R.T. -0.28 min
 Lab File: BF094590.D
 Acq: 24 Apr 2017 17:31

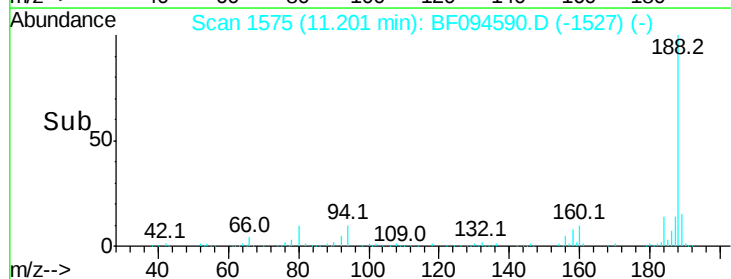
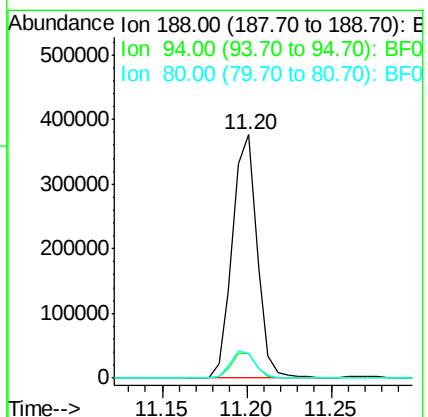
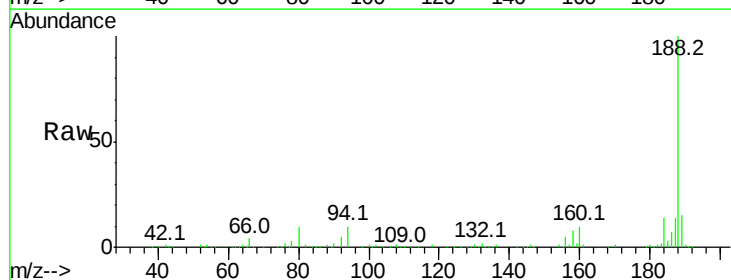
Instrument :
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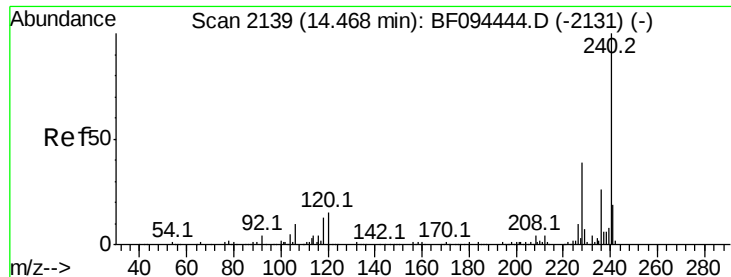
Tot Ion:165 Resp: 29704
 Ion Ratio Lower Upper
 165 100
 63 0.0 25.4 38.0#
 89 1.6 46.4 69.6#
 182 0.0 1.8 2.6#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.20 min Scan# 1575
 Delta R.T. -0.02 min
 Lab File: BF094590.D
 Acq: 24 Apr 2017 17:31

Tgt Ion:188 Resp: 384435
 Ion Ratio Lower Upper
 188 100
 94 10.2 9.4 14.2
 80 10.3 10.2 15.2





#75

Chrvsene-d12

Concen: 20.00 ng

RT: 14.45 min Scan# 2127

Delta R.T. -0.02 min

Lab File: BF094590.D

Acq: 24 Apr 2017 17:31

Instrument :

BNA_F

ClientSampleId :

PB98421TB

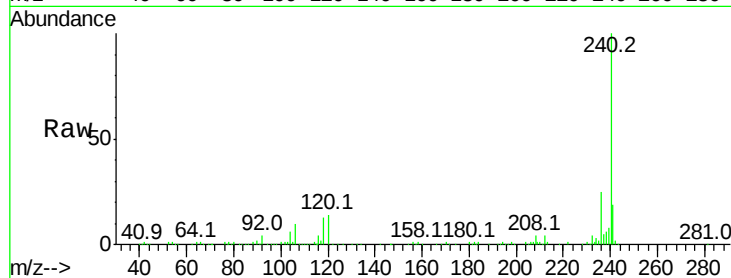
Tot Ion:240 Resp: 262390

Ion Ratio Lower Upper

240 100

120 14.3 5.8 8.8#

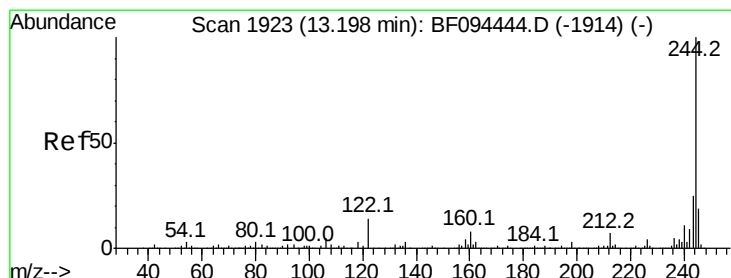
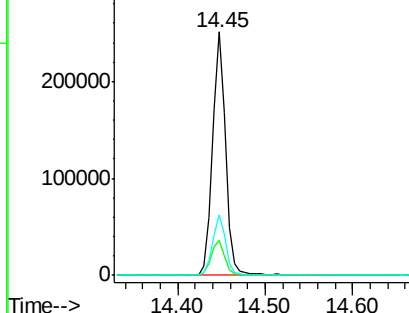
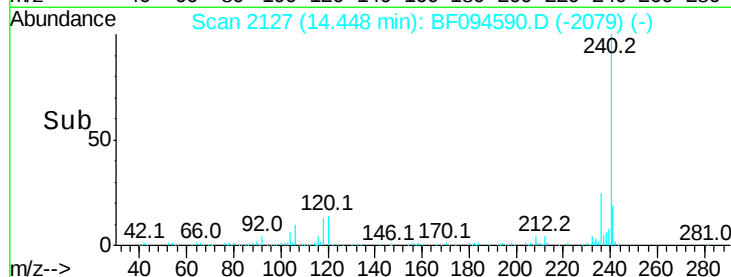
236 24.7 20.5 30.7



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: 105.13 ng

RT: 13.18 min Scan# 1912

Delta R.T. -0.01 min

Lab File: BF094590.D

Acq: 24 Apr 2017 17:31

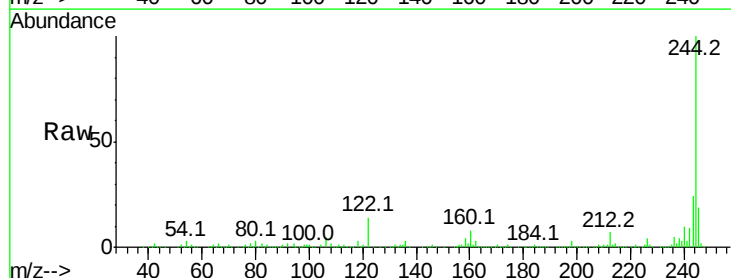
Tgt Ion:244 Resp: 1032062

Ion Ratio Lower Upper

244 100

212 6.8 6.0 9.0

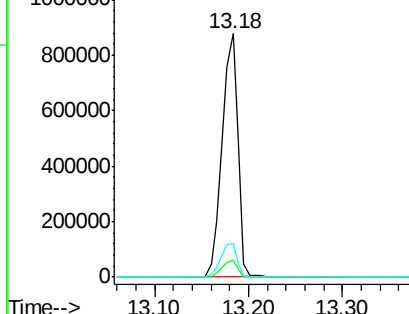
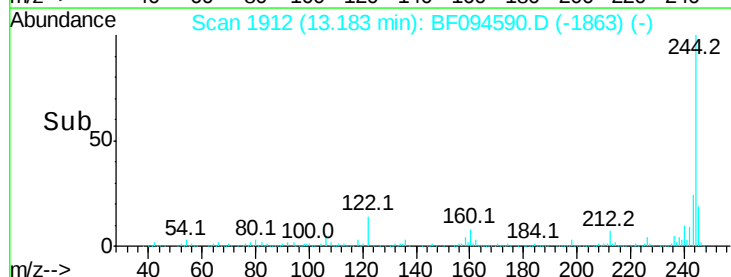
122 13.8 10.3 15.5

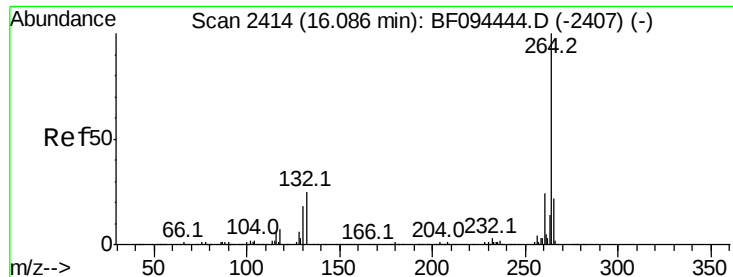


Abundance Ion 244.00 (243.70 to 244.70): E

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: 16.07 min Scan# 2403
Delta R.T. -0.01 min
Lab File: BF094590.D
Acq: 24 Apr 2017 17:31

Instrument :
BNA_F
ClientSampleId :
PB98421TB

Tot Ion:264 Resp: 238572

Ion	Ratio	Lower	Upper
264	100		
260	22.5	19.5	29.3
265	21.2	17.2	25.8

