

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042017\
 Data File : BF094548.D
 Acq On : 20 Apr 2017 16:50
 Operator : SJ/MA
 Sample : I2744-16
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 20 17:29:41 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

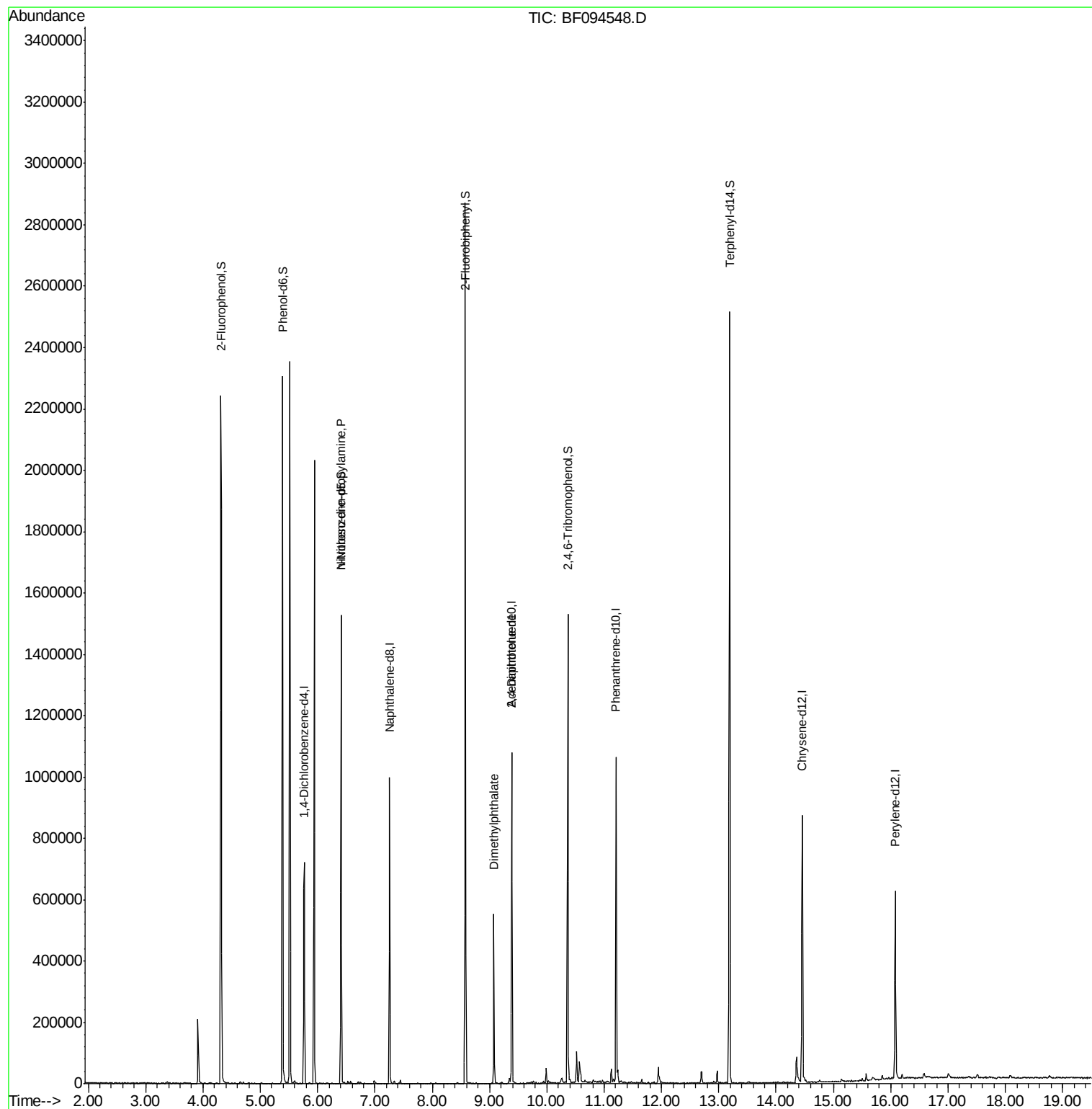
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.77	152	117549	20.00	ng	0.00
21) Naphthalene-d8	7.25	136	477975	20.00	ng	0.00
38) Acenaphthene-d10	9.39	164	226674	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	436742	20.00	ng	-0.01
75) Chrysene-d12	14.46	240	360170	20.00	ng	0.00
86) Perylene-d12	16.08	264	256182	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.31	112	673326	95.03	ng	0.00
7) Phenol-d6	5.39	99	824040	98.65	ng	0.00
23) Nitrobenzene-d5	6.41	82	506099	65.38	ng	0.00
41) 2,4,6-Tribromophenol	10.37	330	189564	106.92	ng	0.00
44) 2-Fluorobiphenyl	8.58	172	993968	64.52	ng	0.00
78) Terphenyl-d14	13.19	244	932970	69.24	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	6.41	70	65072	11.76	ng	# 74
49) Dimethylphthalate	9.08	163	225267	13.34	ng	99
56) 2,4-Dinitrotoluene	9.39	165	28579	6.14	ng	# 33

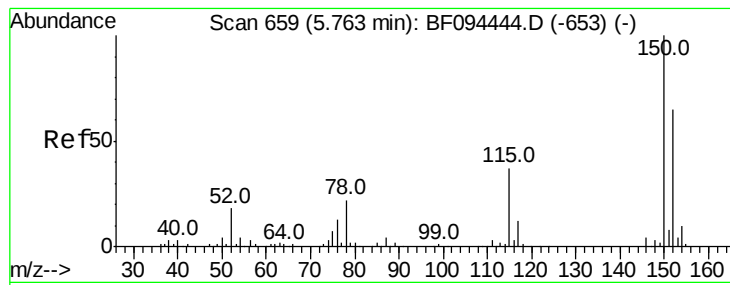
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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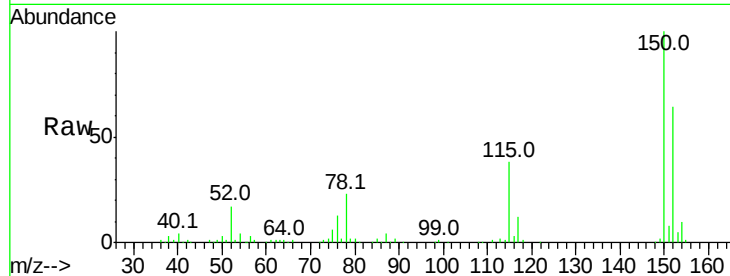


#1

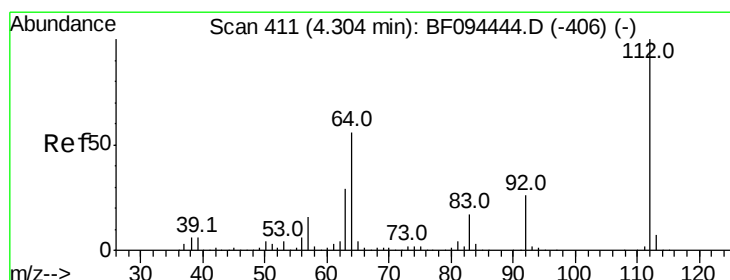
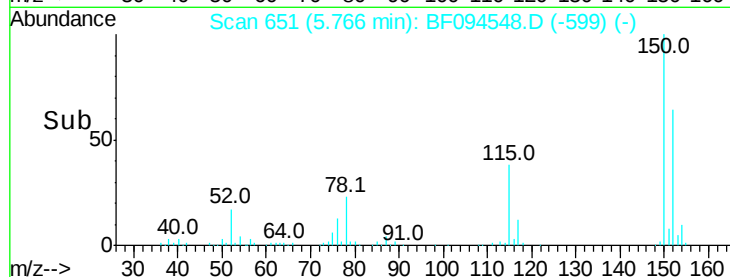
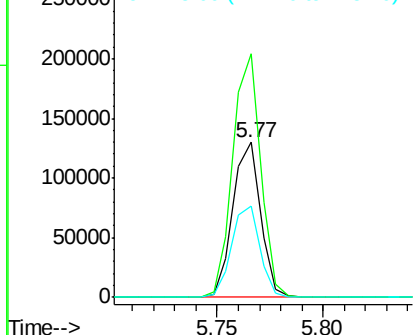
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.77 min Scan# 651
Delta R.T. 0.00 min
Lab File: BF094548.D
Acq: 20 Apr 2017 16:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 117549
Ion Ratio Lower Upper
152 100
150 157.4 126.2 189.2
115 59.4 52.2 78.2



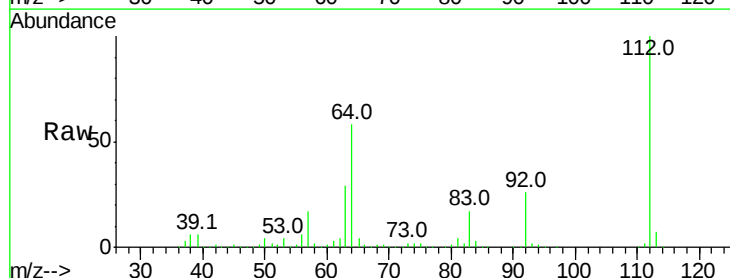
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



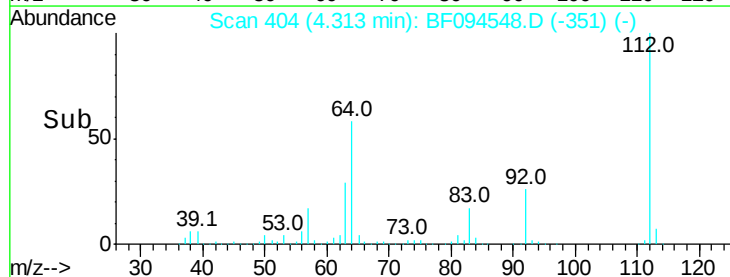
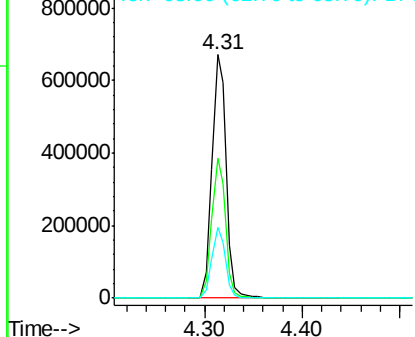
#5

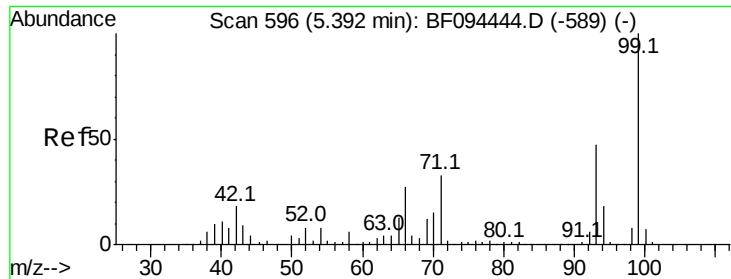
2-Fluorophenol
Concen: 95.03 ng
RT: 4.31 min Scan# 404
Delta R.T. 0.01 min
Lab File: BF094548.D
Acq: 20 Apr 2017 16:50

Tgt Ion:112 Resp: 673326
Ion Ratio Lower Upper
112 100
64 57.7 46.0 69.0
63 29.0 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: 98.65 ng

RT: 5.39 min Scan# 587

Delta R.T. -0.00 min

Lab File: BF094548.D

Acq: 20 Apr 2017 16:50

Instrument :

BNA_F

ClientSampled :

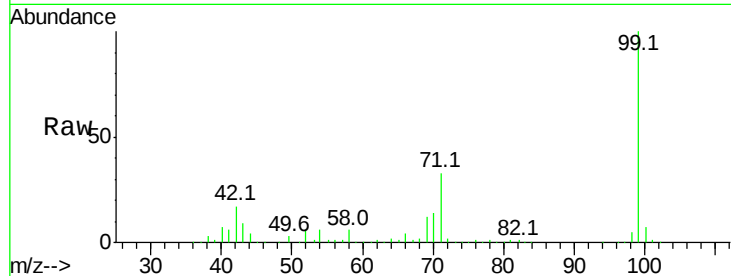
Tot Ion: 99 Resp: 824040

Ion Ratio Lower Upper

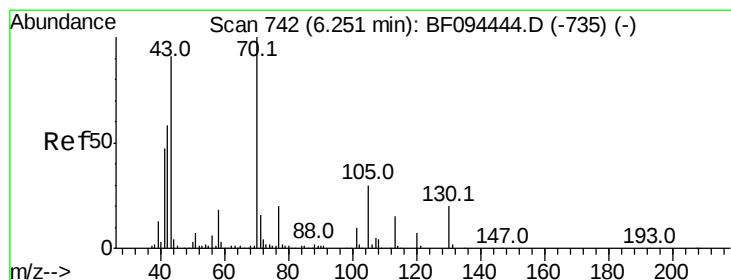
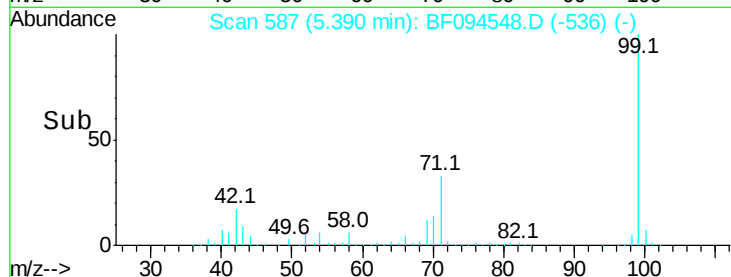
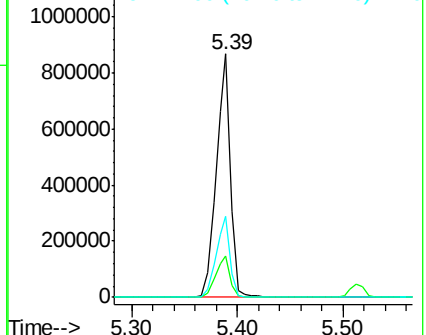
99 100

42 17.0 13.5 20.3

71 33.0 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: 11.76 ng

RT: 6.41 min Scan# 761

Delta R.T. 0.16 min

Lab File: BF094548.D

Acq: 20 Apr 2017 16:50

Tgt Ion: 70 Resp: 65072

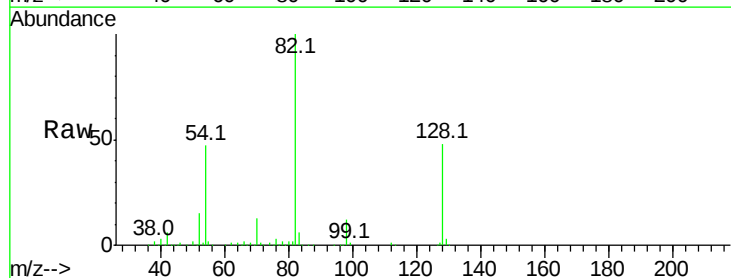
Ion Ratio Lower Upper

70 100

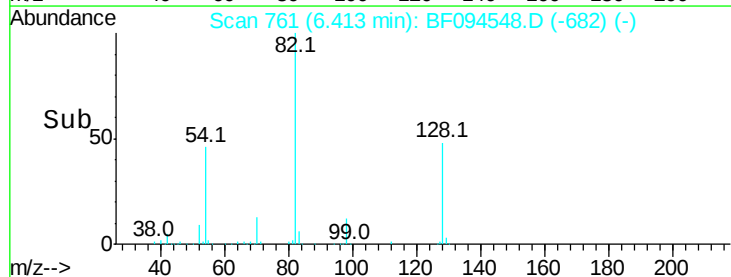
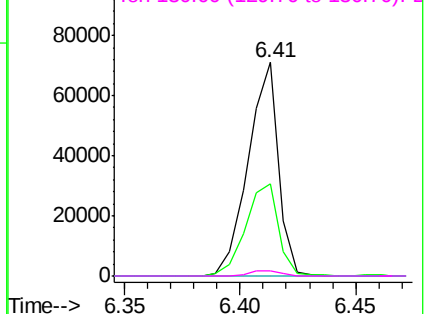
42 42.9 47.2 70.8#

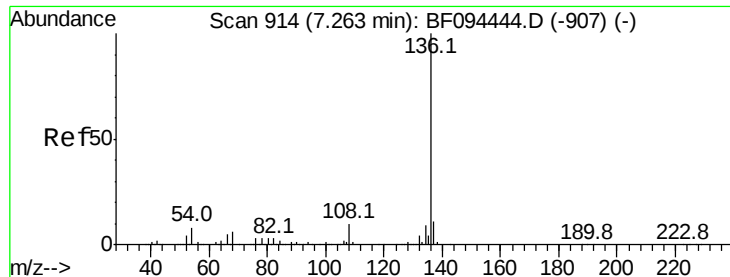
101 0.0 7.2 10.8#

130 2.4 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): E
Ion 130.00 (129.70 to 130.70): E





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.25 min Scan# 904

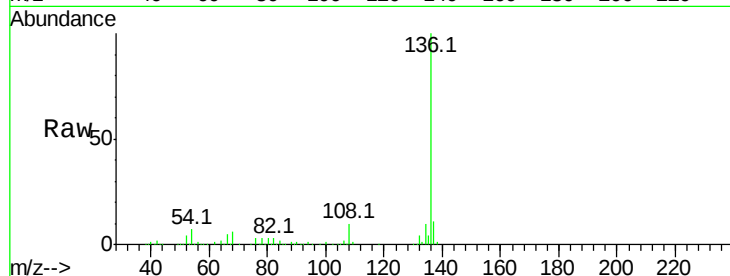
Delta R.T. -0.01 min

Lab File: BF094548.D

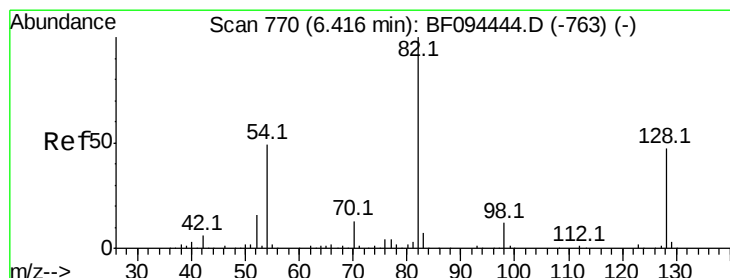
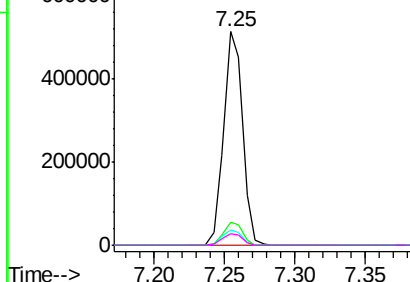
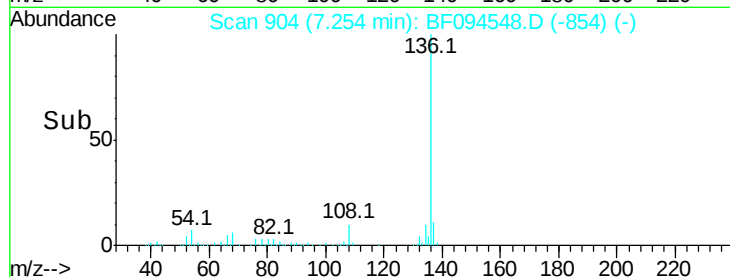
Acq: 20 Apr 2017 16:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	477975
Ion Ratio	Lower	Upper
136	100	
137	10.9	8.5 12.7
54	7.4	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: 65.38 ng

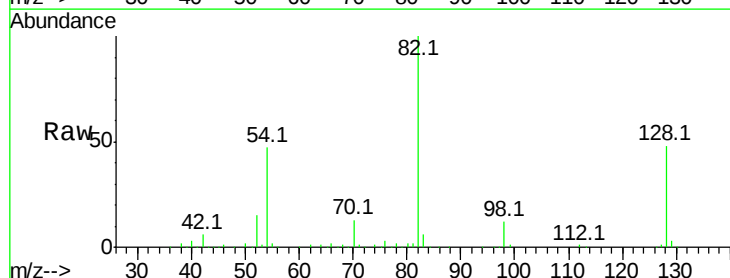
RT: 6.41 min Scan# 761

Delta R.T. -0.00 min

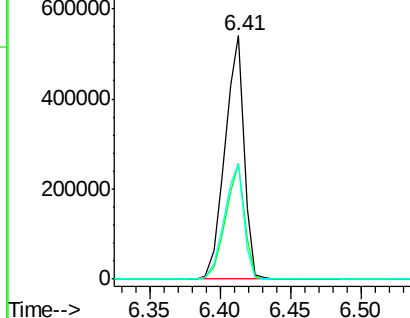
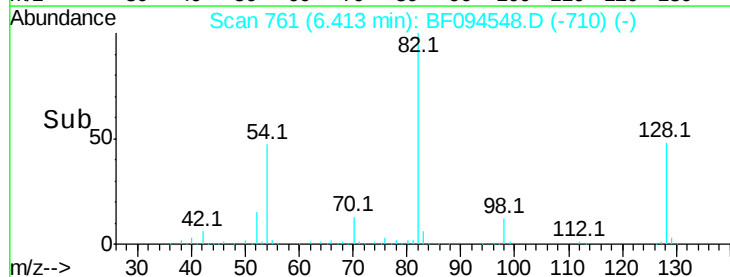
Lab File: BF094548.D

Acq: 20 Apr 2017 16:50

Tgt Ion: 82	Resp:	506099
Ion Ratio	Lower	Upper
82	100	
128	47.6	34.0 51.0
54	47.5	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: 9.39 min Scan# 1267

Delta R.T. -0.01 min

Lab File: BF094548.D

Acq: 20 Apr 2017 16:50

Instrument :

BNA_F

ClientSampleId :

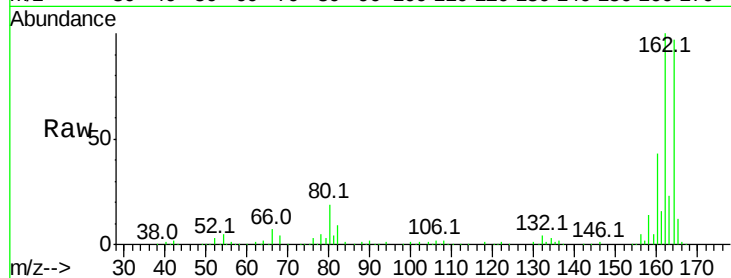
Tot Ion:164 Resp: 226674

Ion Ratio Lower Upper

164 100

162 103.6 82.6 123.8

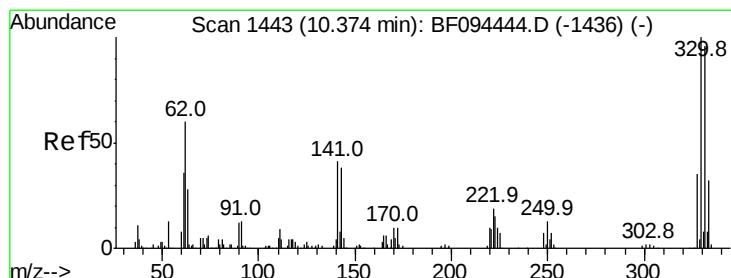
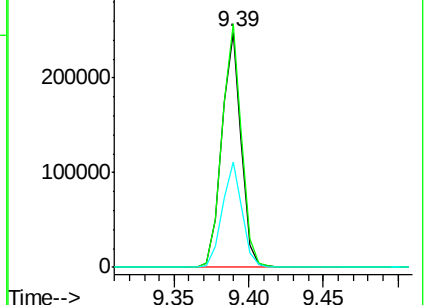
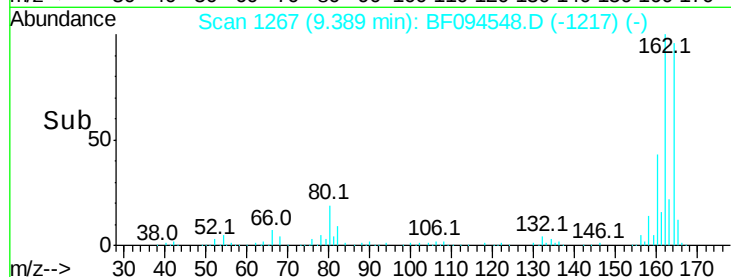
160 45.0 36.2 54.2



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: 106.92 ng

RT: 10.37 min Scan# 1433

Delta R.T. -0.01 min

Lab File: BF094548.D

Acq: 20 Apr 2017 16:50

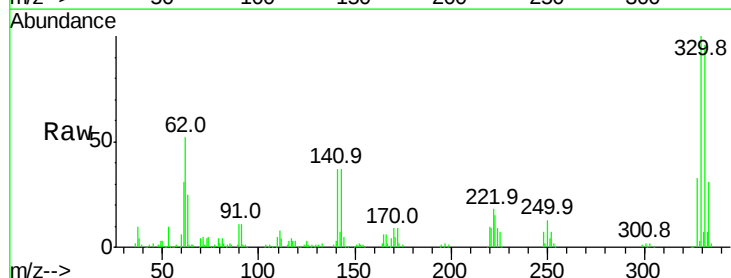
Tgt Ion:330 Resp: 189564

Ion Ratio Lower Upper

330 100

332 96.6 76.6 115.0

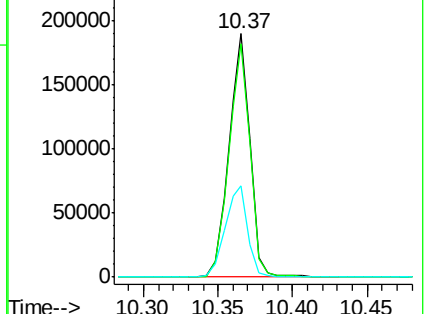
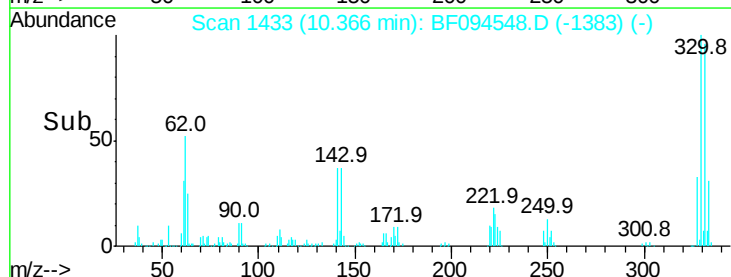
141 40.1 31.4 47.2

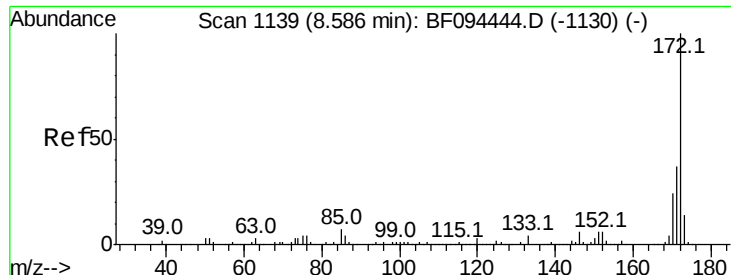


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

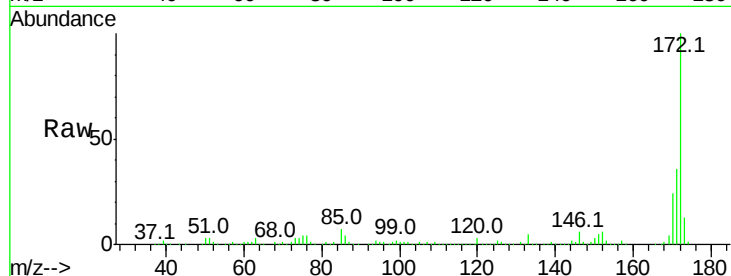




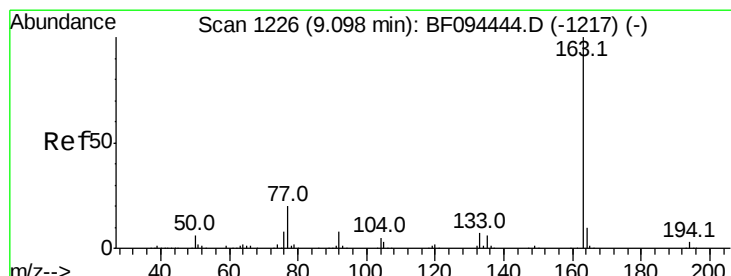
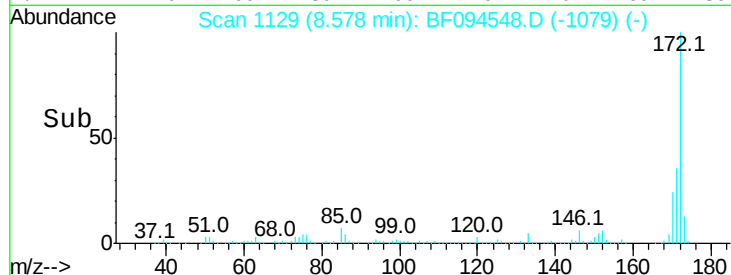
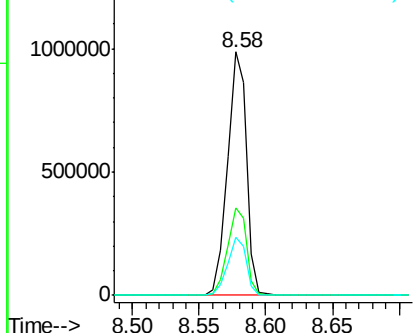
#44
2-Fluorobiphenyl
Concen: 64.52 ng
RT: 8.58 min Scan# 1129
Delta R.T. -0.01 min
Lab File: BF094548.D
Acq: 20 Apr 2017 16:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.6	44.4
170	23.9	19.8	29.8

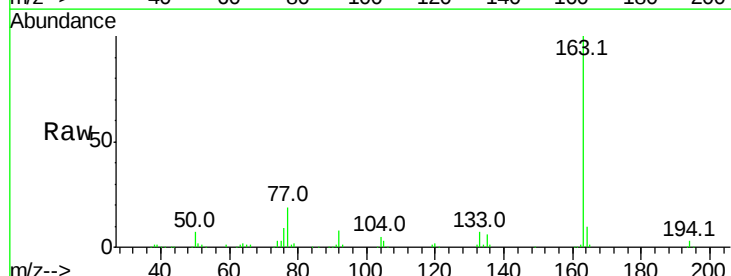


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

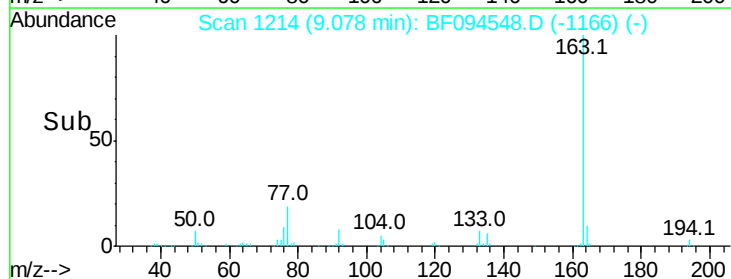
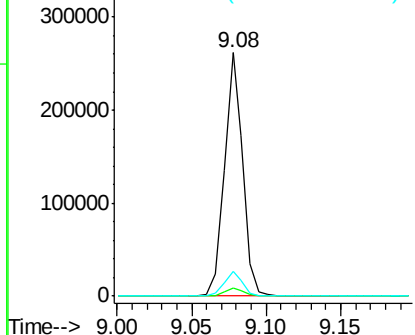


#49
Dimethylphthalate
Concen: 13.34 ng
RT: 9.08 min Scan# 1214
Delta R.T. -0.02 min
Lab File: BF094548.D
Acq: 20 Apr 2017 16:50

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.6	4.0
164	10.0	8.4	12.6



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

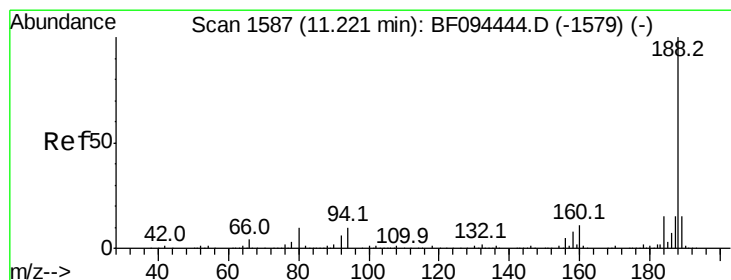
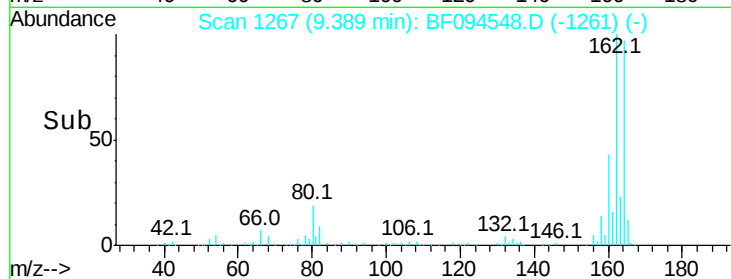
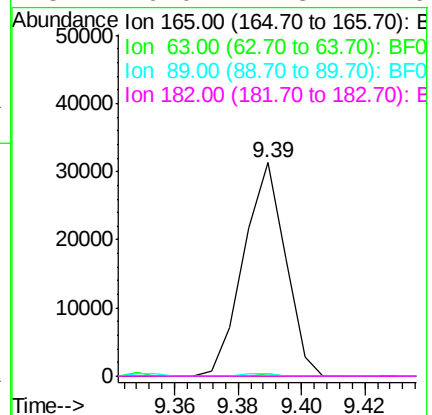
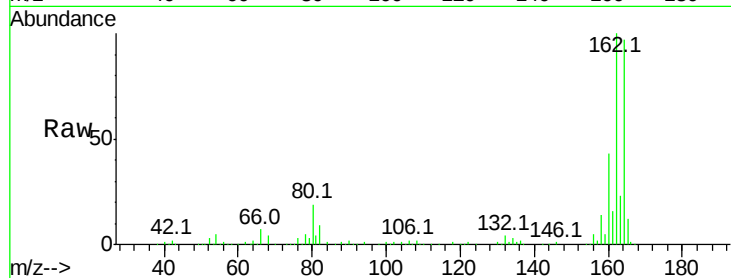




#56
 2,4-Dinitrotoluene
 Concen: 6.14 ng
 RT: 9.39 min Scan# 1267
 Delta R.T. -0.27 min
 Lab File: BF094548.D
 Acq: 20 Apr 2017 16:50

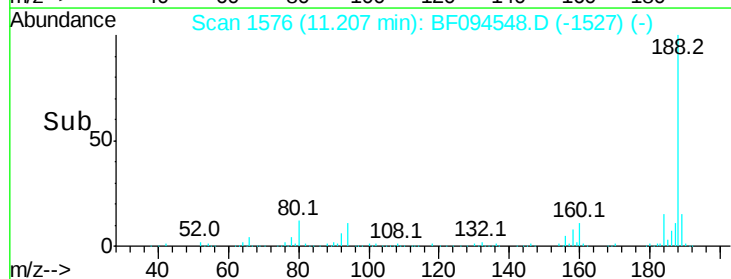
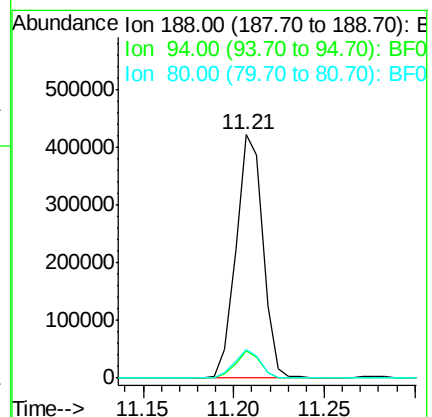
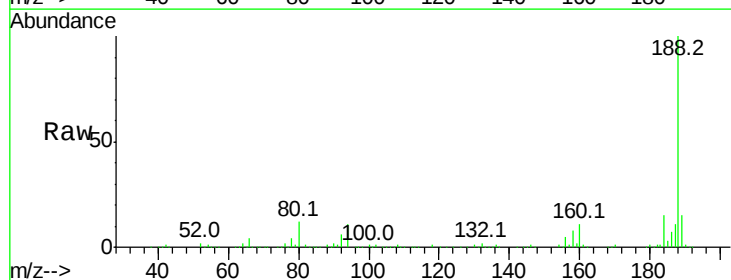
Instrument :
 BNA_F
 ClientSampleId :

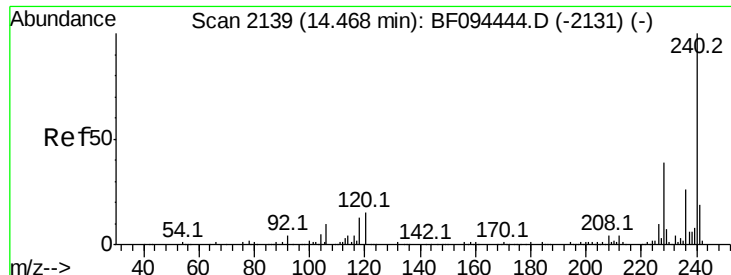
Tot Ion:165 Resp: 28579
 Ion Ratio Lower Upper
 165 100
 63 1.5 25.4 38.0#
 89 1.1 46.4 69.6#
 182 0.0 1.8 2.6#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.21 min Scan# 1576
 Delta R.T. -0.01 min
 Lab File: BF094548.D
 Acq: 20 Apr 2017 16:50

Tgt Ion:188 Resp: 436742
 Ion Ratio Lower Upper
 188 100
 94 11.1 9.4 14.2
 80 11.6 10.2 15.2

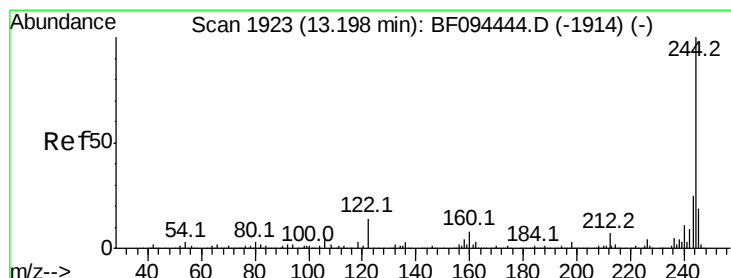
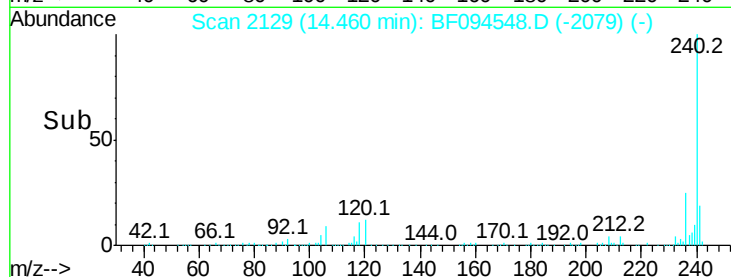
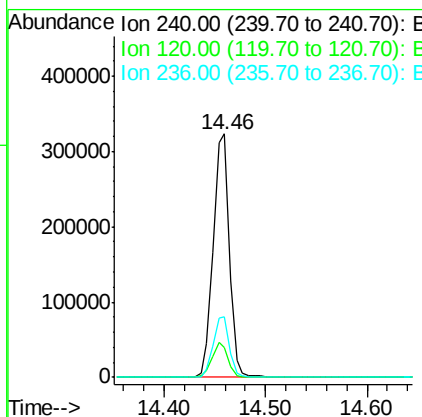
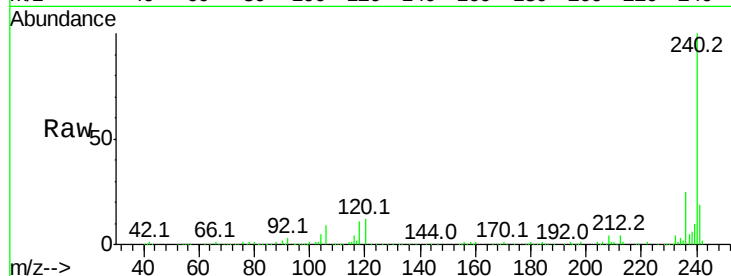




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.46 min Scan# 2129
 Delta R.T. -0.01 min
 Lab File: BF094548.D
 Acq: 20 Apr 2017 16:50

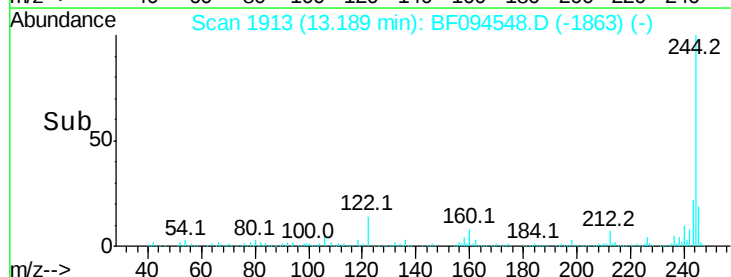
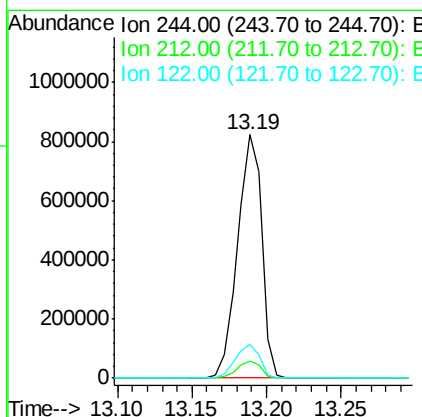
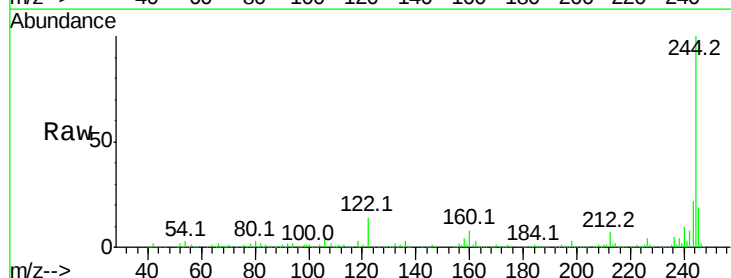
Instrument :
 BNA_F
 ClientSampleId :

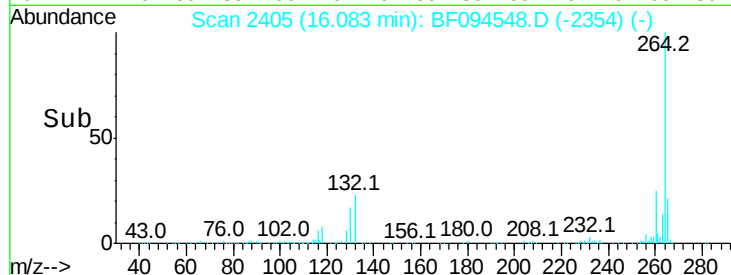
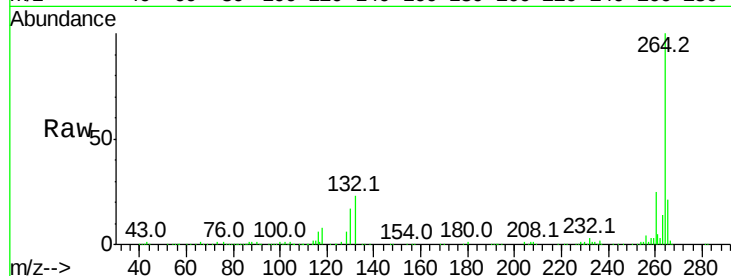
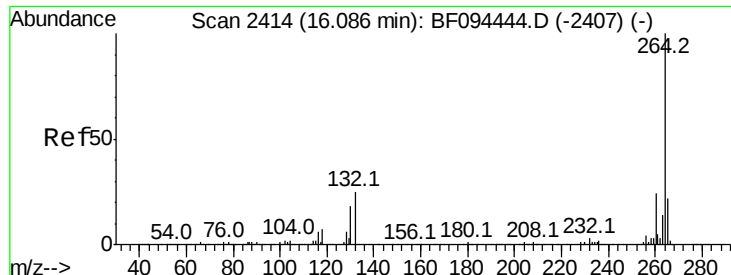
Tot Ion:240 Resp: 360170
 Ion Ratio Lower Upper
 240 100
 120 12.0 5.8 8.8#
 236 25.0 20.5 30.7



#78
 Terphenyl-d14
 Concen: 69.24 ng
 RT: 13.19 min Scan# 1913
 Delta R.T. -0.01 min
 Lab File: BF094548.D
 Acq: 20 Apr 2017 16:50

Tgt Ion:244 Resp: 932970
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.0 9.0
 122 14.1 10.3 15.5





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 16.08 min Scan# 2405
 Delta R.T. -0.00 min
 Lab File: BF094548.D
 Acq: 20 Apr 2017 16:50

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	264	Resp:	256182
Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.5	29.3
265	20.7	17.2	25.8

