

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042017\
 Data File : BF094547.D
 Acq On : 20 Apr 2017 16:22
 Operator : SJ/MA
 Sample : I2744-12
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 20 17:29:25 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

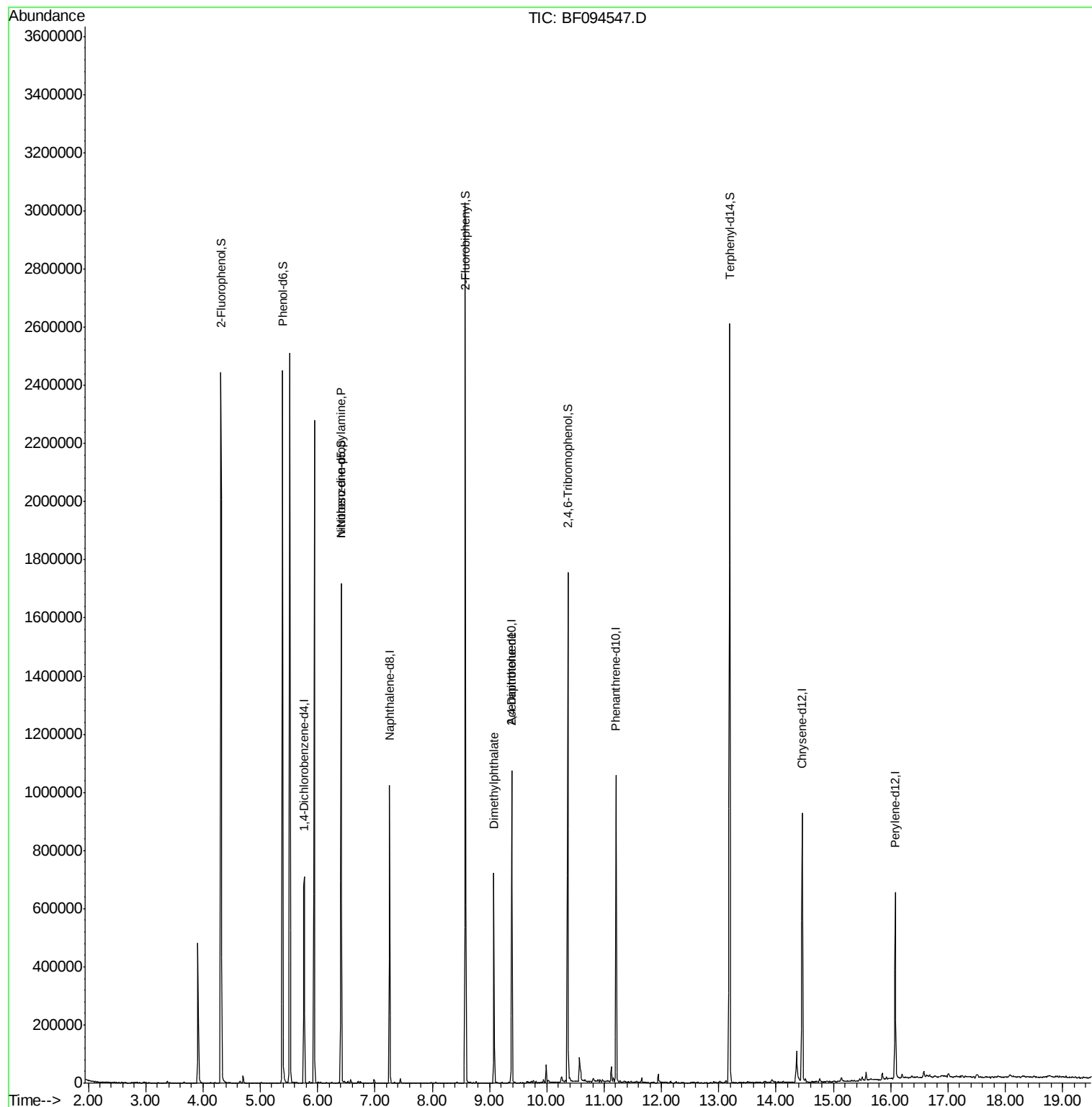
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.77	152	119213	20.00	ng	0.00
21) Naphthalene-d8	7.25	136	485923	20.00	ng	0.00
38) Acenaphthene-d10	9.39	164	223508	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	429734	20.00	ng	-0.01
75) Chrysene-d12	14.45	240	362076	20.00	ng	-0.01
86) Perylene-d12	16.08	264	249031	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.31	112	743708	103.50	ng	0.00
7) Phenol-d6	5.39	99	924507	109.14	ng	0.00
23) Nitrobenzene-d5	6.41	82	581521	73.90	ng	0.00
41) 2,4,6-Tribromophenol	10.37	330	212717	121.67	ng	0.00
44) 2-Fluorobiphenyl	8.58	172	1095073	72.09	ng	0.00
78) Terphenyl-d14	13.19	244	1049755	77.50	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	6.41	70	74950	13.35	ng	# 75
49) Dimethylphthalate	9.08	163	316809	19.02	ng	99
56) 2,4-Dinitrotoluene	9.39	165	28686	6.25	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: 5.77 min Scan# 651

Delta R.T. 0.00 min

Lab File: BF094547.D

Acq: 20 Apr 2017 16:22

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BNA_F

ClientSampleId :

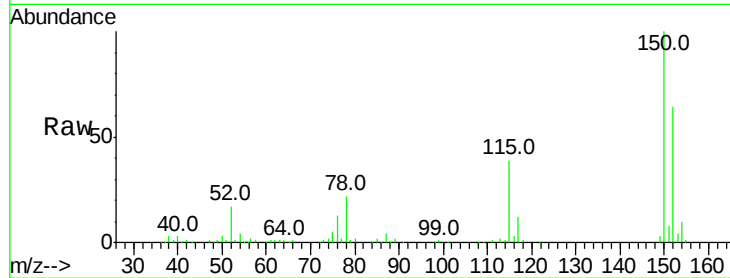
Tot Ion:152 Resp: 119213

Ion Ratio Lower Upper

152 100

150 157.4 126.2 189.2

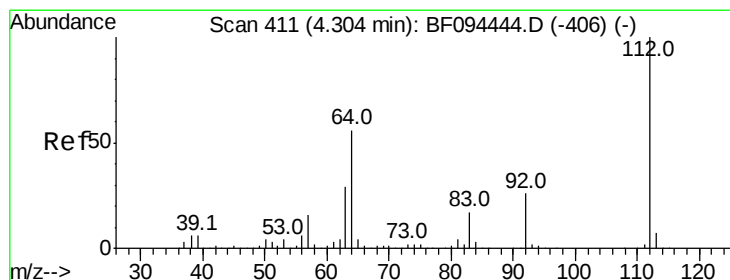
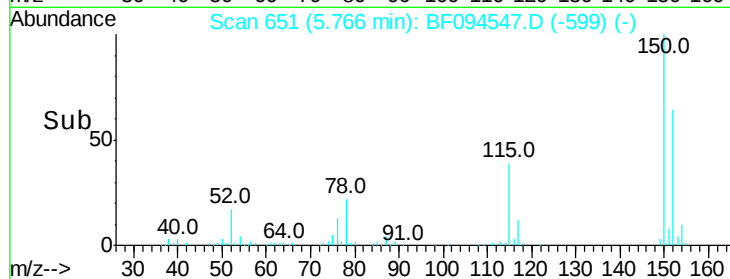
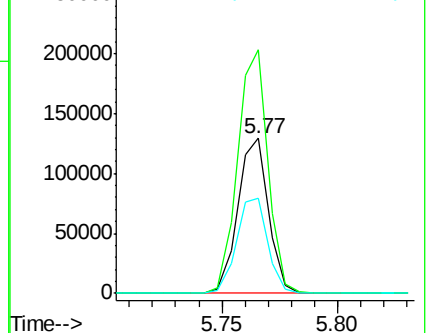
115 61.3 52.2 78.2



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: 103.50 ng

RT: 4.31 min Scan# 404

Delta R.T. 0.01 min

Lab File: BF094547.D

Acq: 20 Apr 2017 16:22

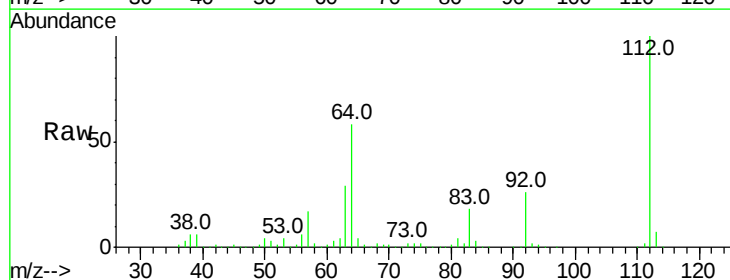
Tgt Ion:112 Resp: 743708

Ion Ratio Lower Upper

112 100

64 58.4 46.0 69.0

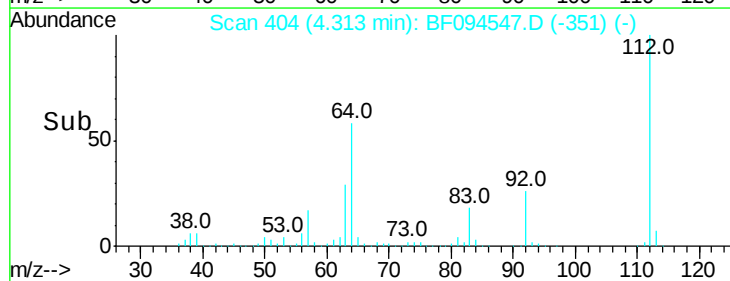
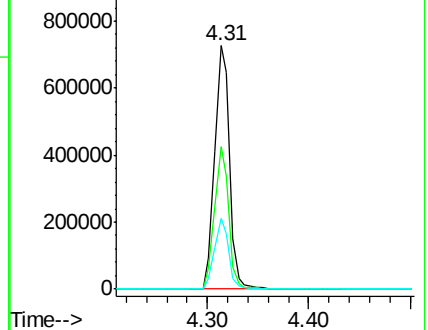
63 29.1 23.4 35.0

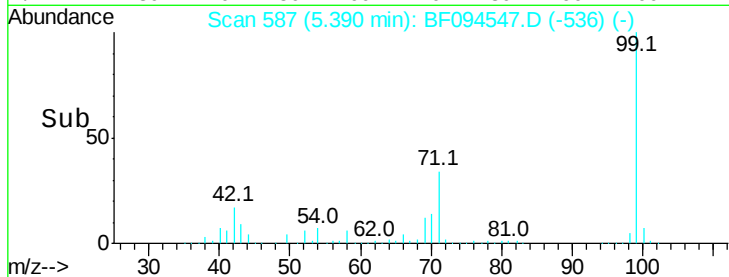
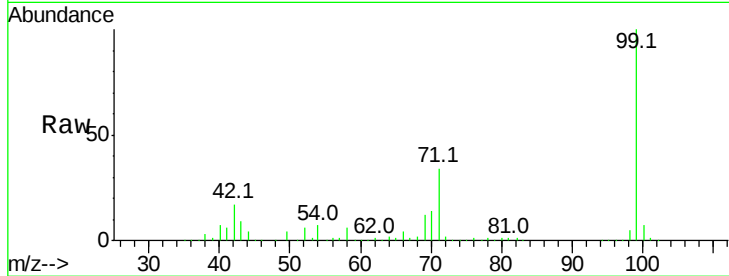
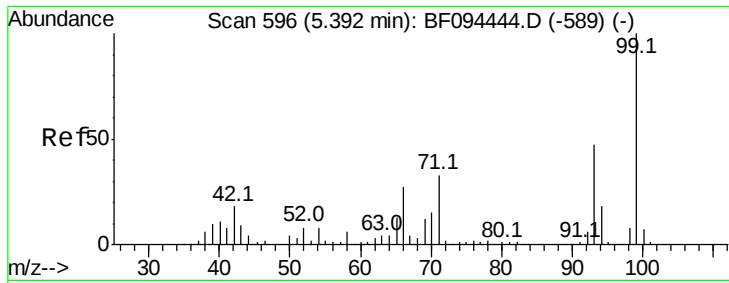


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 109.14 ng

RT: 5.39 min Scan# 587

Delta R.T. -0.00 min

Lab File: BF094547.D

Acq: 20 Apr 2017 16:22

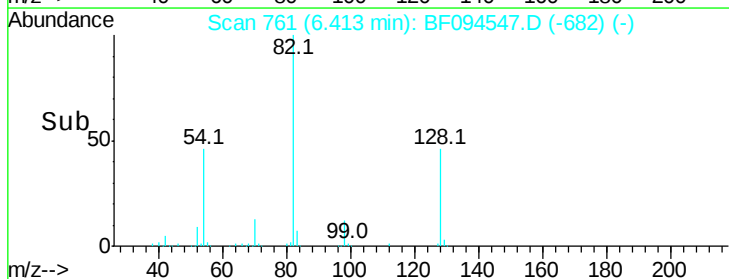
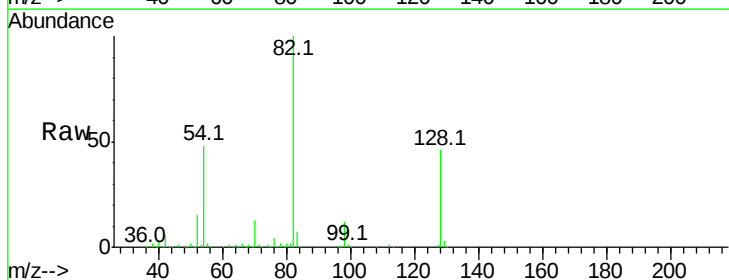
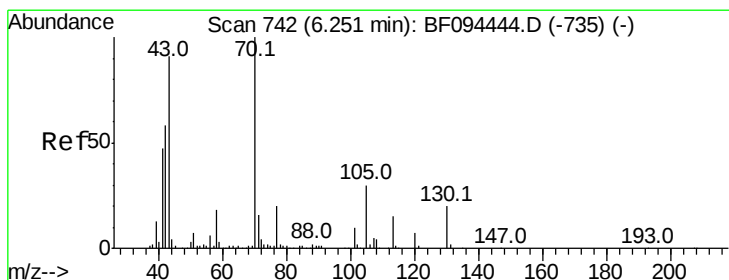
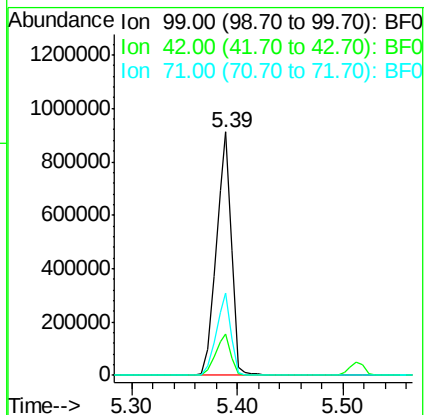
Instrument :

BNA_F

ClientSampled :

Tot Ion: 99 Resp: 924507

Ion	Ratio	Lower	Upper
99	100		
42	17.1	13.5	20.3
71	33.6	24.5	36.7



#19

n-Nitroso-di-n-propylamine

Concen: 13.35 ng

RT: 6.41 min Scan# 761

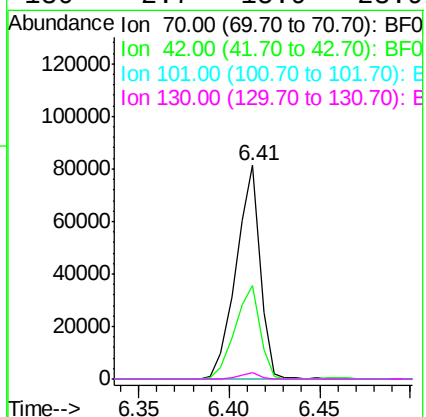
Delta R.T. 0.16 min

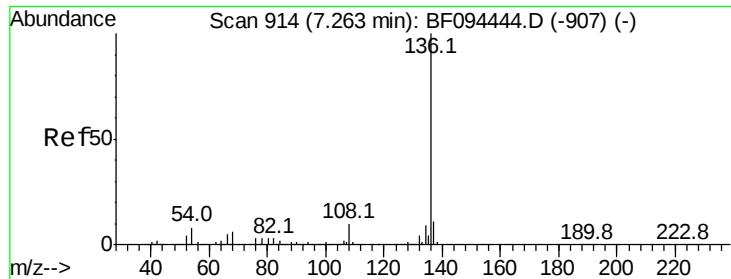
Lab File: BF094547.D

Acq: 20 Apr 2017 16:22

Tgt Ion: 70 Resp: 74950

Ion	Ratio	Lower	Upper
70	100		
42	43.6	47.2	70.8#
101	0.0	7.2	10.8#
130	2.7	15.9	23.9#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.25 min Scan# 904

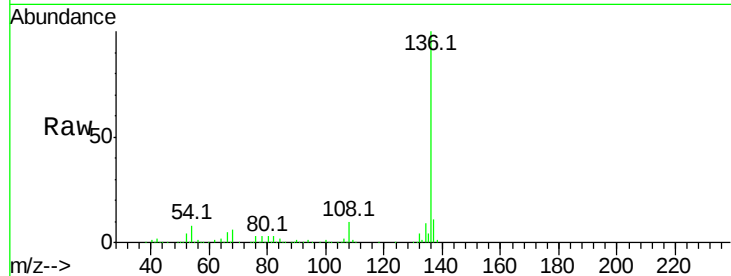
Delta R.T. -0.01 min

Lab File: BF094547.D

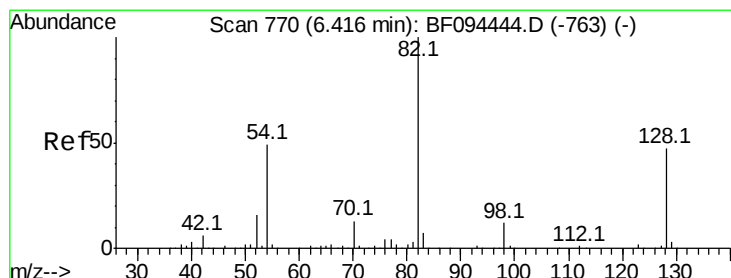
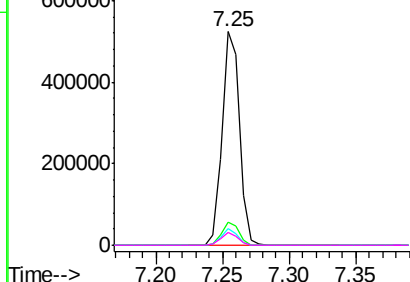
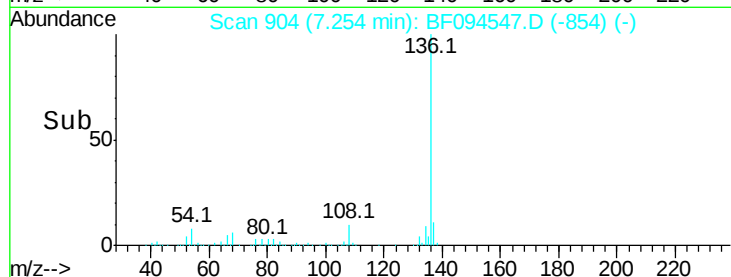
Acq: 20 Apr 2017 16:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	485923
Ion	Ratio	Lower Upper
136	100	
137	11.0	8.5 12.7
54	7.9	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: 73.90 ng

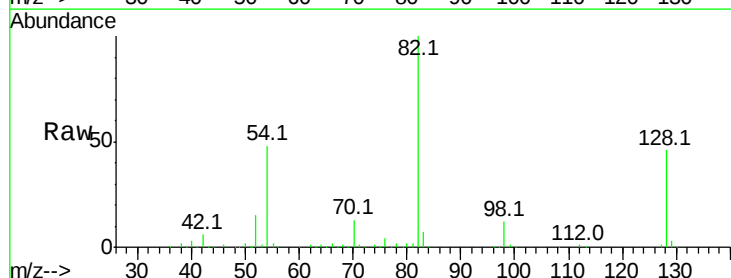
RT: 6.41 min Scan# 761

Delta R.T. -0.00 min

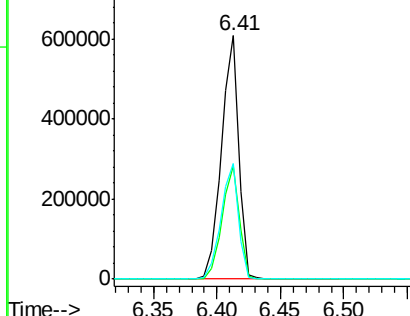
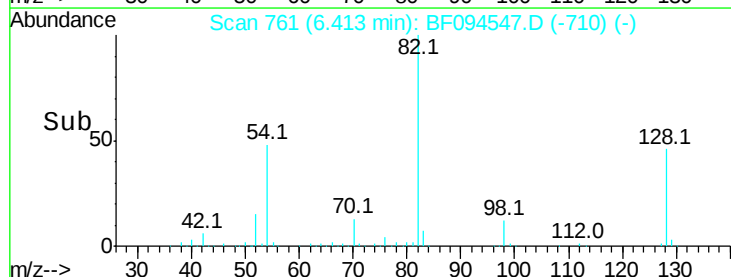
Lab File: BF094547.D

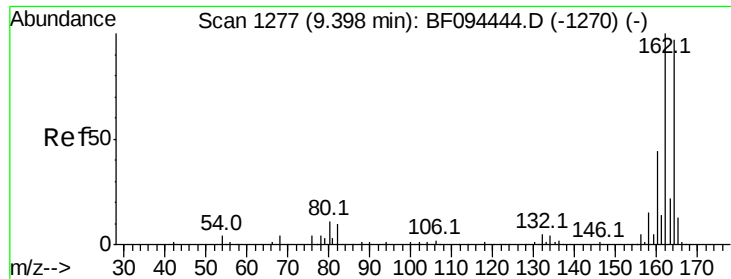
Acq: 20 Apr 2017 16:22

Tgt Ion: 82	Resp:	581521
Ion	Ratio	Lower Upper
82	100	
128	46.4	34.0 51.0
54	47.7	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

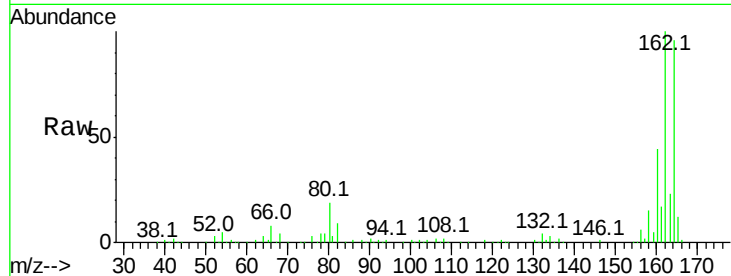




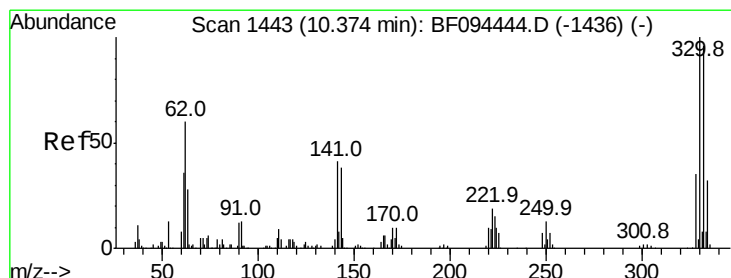
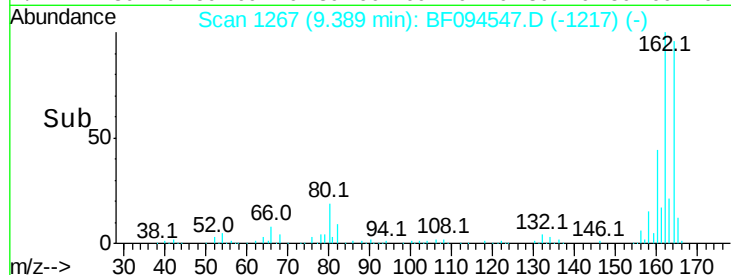
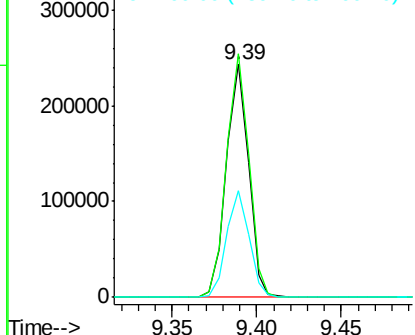
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.39 min Scan# 1267
Delta R.T. -0.01 min
Lab File: BF094547.D
Acq: 20 Apr 2017 16:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 223508
Ion Ratio Lower Upper
164 100
162 104.6 82.6 123.8
160 46.0 36.2 54.2

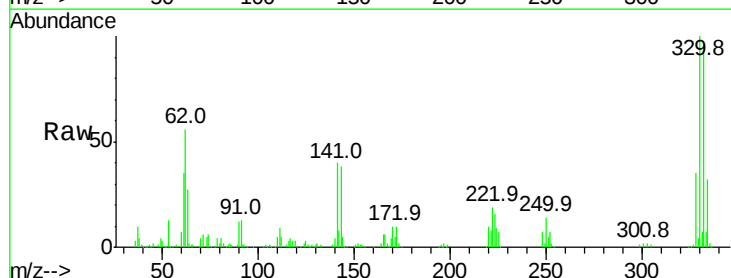


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

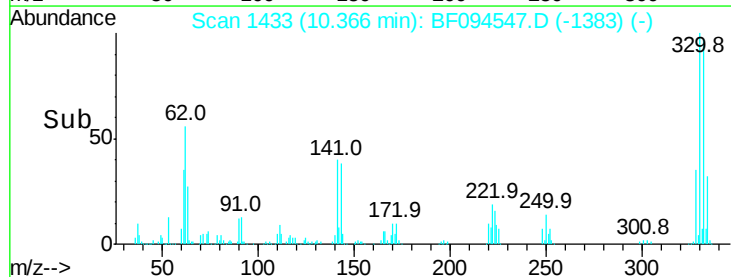
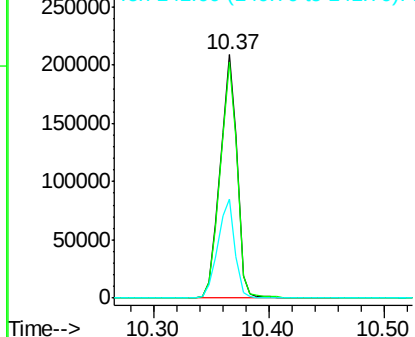


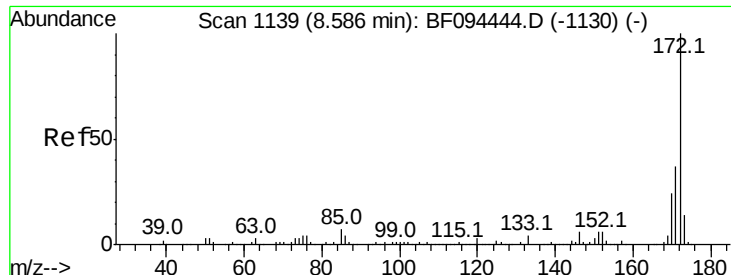
#41
2,4,6-Tribromophenol
Concen: 121.67 ng
RT: 10.37 min Scan# 1433
Delta R.T. -0.01 min
Lab File: BF094547.D
Acq: 20 Apr 2017 16:22

Tgt Ion:330 Resp: 212717
Ion Ratio Lower Upper
330 100
332 97.4 76.6 115.0
141 41.0 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

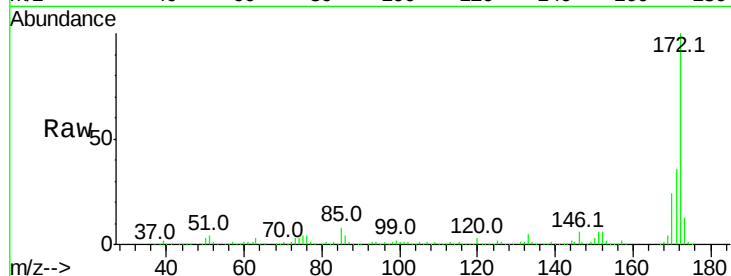




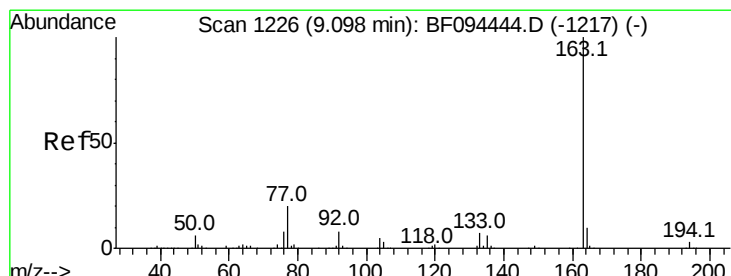
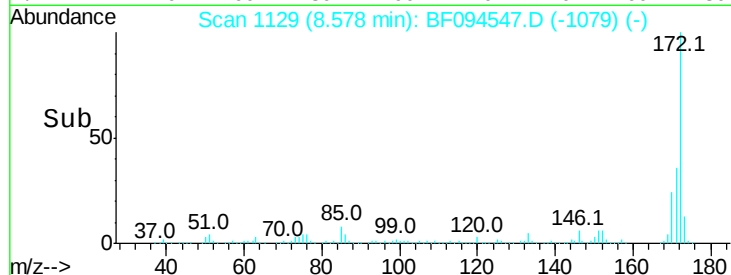
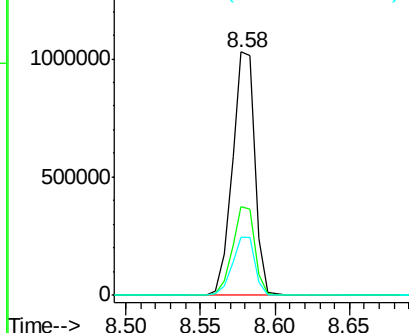
#44
 2-Fluorobiphenyl
 Concen: 72.09 ng
 RT: 8.58 min Scan# 1129
 Delta R.T. -0.01 min
 Lab File: BF094547.D
 Acq: 20 Apr 2017 16:22

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:172 Resp: 1095073
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.6 44.4
 170 23.7 19.8 29.8

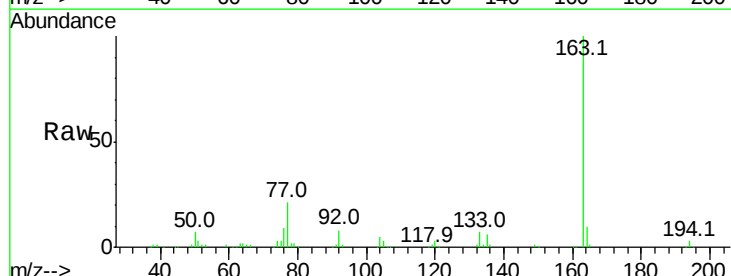


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

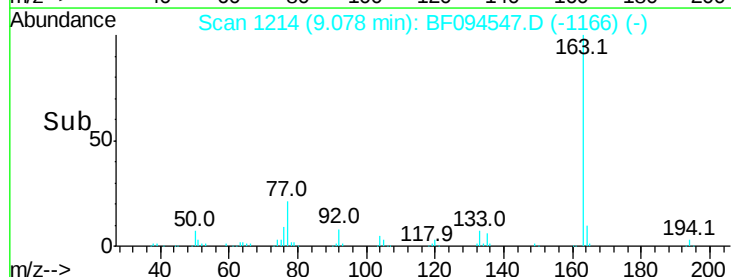
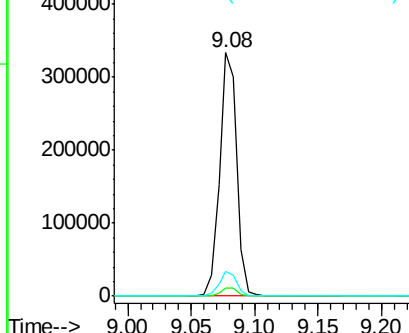


#49
 Dimethylphthalate
 Concen: 19.02 ng
 RT: 9.08 min Scan# 1214
 Delta R.T. -0.02 min
 Lab File: BF094547.D
 Acq: 20 Apr 2017 16:22

Tgt Ion:163 Resp: 316809
 Ion Ratio Lower Upper
 163 100
 194 3.4 2.6 4.0
 164 10.3 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

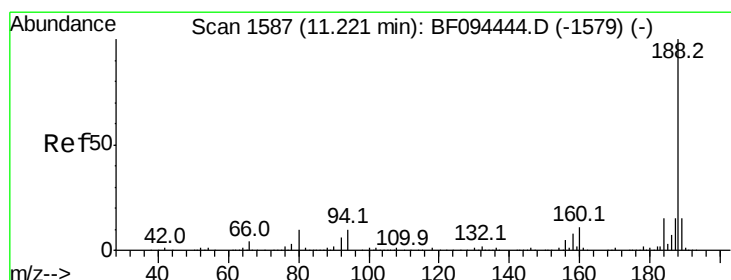
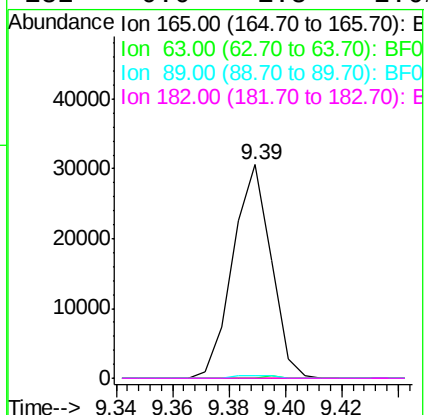
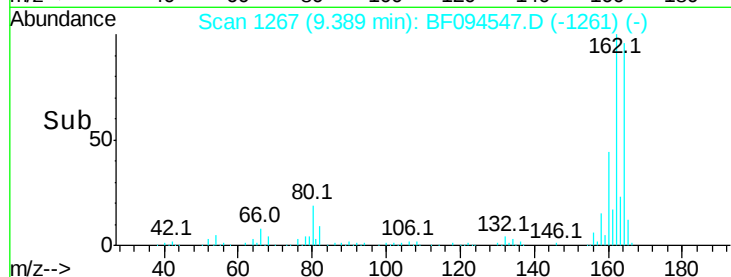
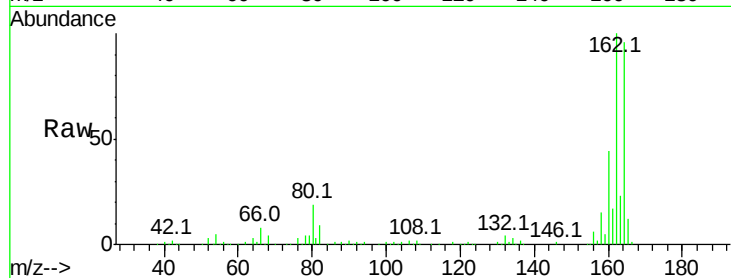




#56
 2,4-Dinitrotoluene
 Concen: 6.25 ng
 RT: 9.39 min Scan# 1267
 Delta R.T. -0.27 min
 Lab File: BF094547.D
 Acq: 20 Apr 2017 16:22

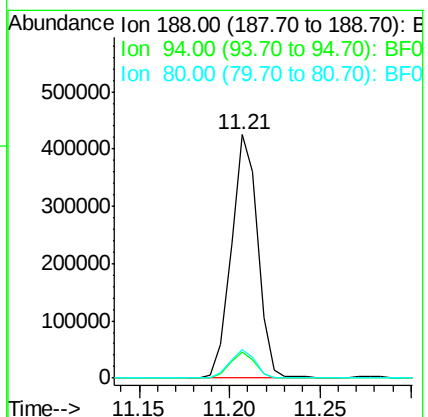
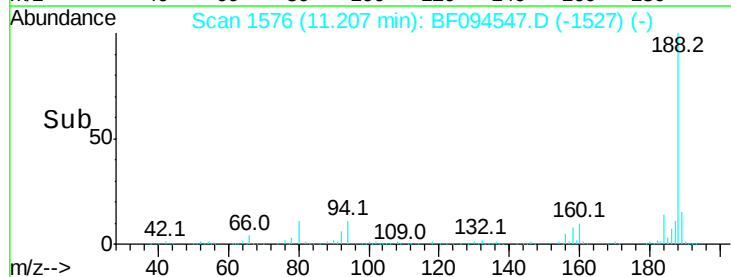
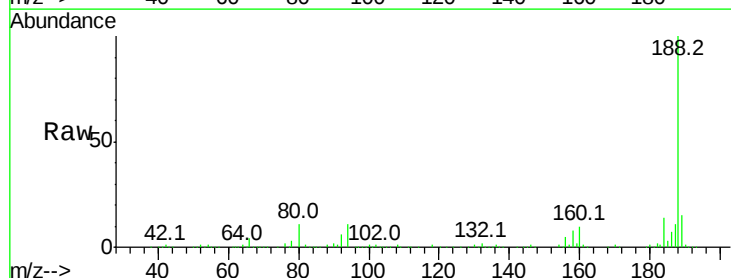
Instrument :
 BNA_F
 ClientSampleId :

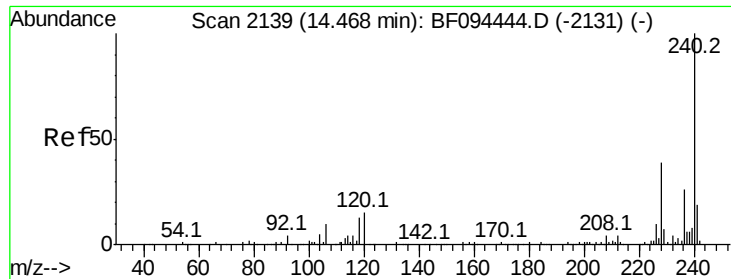
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	25.4	38.0#
89	1.4	46.4	69.6#
182	0.0	1.8	2.6#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.21 min Scan# 1576
 Delta R.T. -0.01 min
 Lab File: BF094547.D
 Acq: 20 Apr 2017 16:22

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.5	9.4	14.2
80	11.5	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: BF094547.D

Acq: 20 Apr 2017 16:22

Instrument :

BNA_F

ClientSampleId :

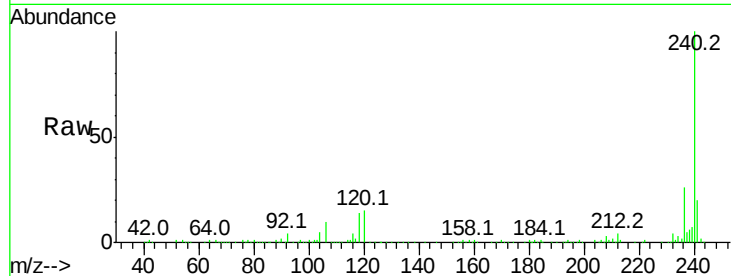
Tot Ion:240 Resp: 362076

Ion Ratio Lower Upper

240 100

120 15.1 5.8 8.8#

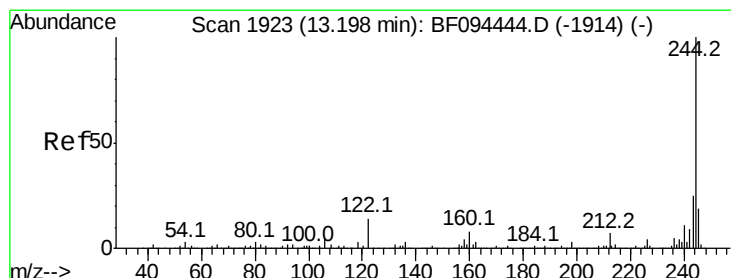
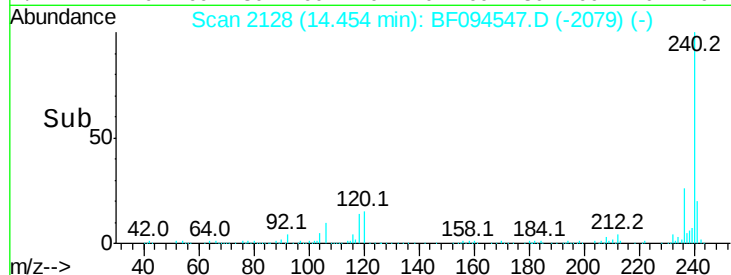
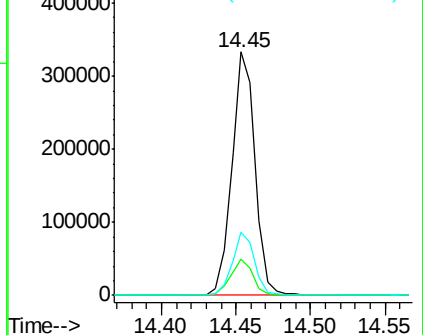
236 25.7 20.5 30.7



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: 77.50 ng

RT: 13.19 min Scan# 1913

Delta R.T. -0.01 min

Lab File: BF094547.D

Acq: 20 Apr 2017 16:22

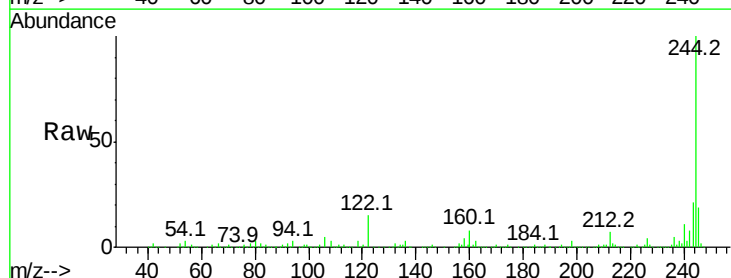
Tgt Ion:244 Resp: 1049755

Ion Ratio Lower Upper

244 100

212 7.3 6.0 9.0

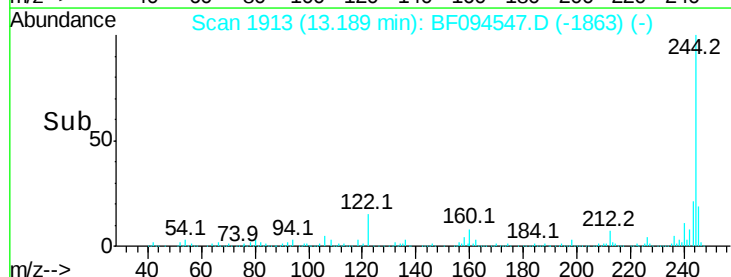
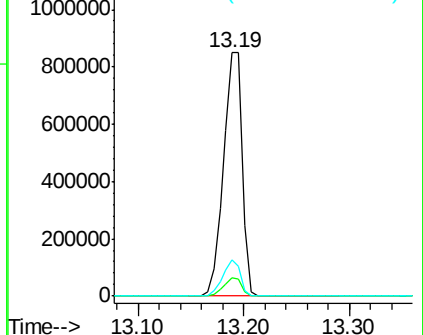
122 14.7 10.3 15.5

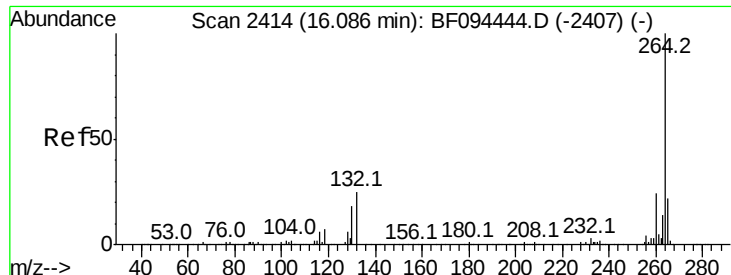


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

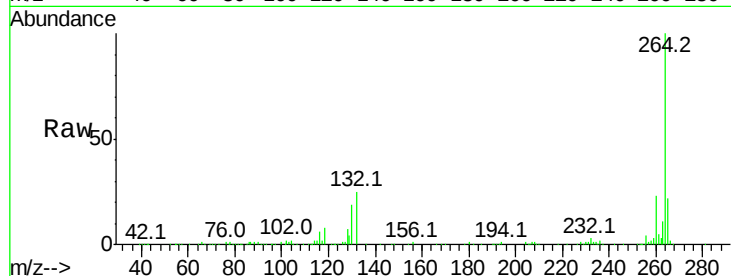




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 16.08 min Scan# 2404
 Delta R.T. -0.01 min
 Lab File: BF094547.D
 Acq: 20 Apr 2017 16:22

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.5	29.3
265	21.8	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

