

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042817\
 Data File : BF094701.D
 Acq On : 28 Apr 2017 23:14
 Operator : SJ/MA
 Sample : I2895-07
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 29 03:53:22 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

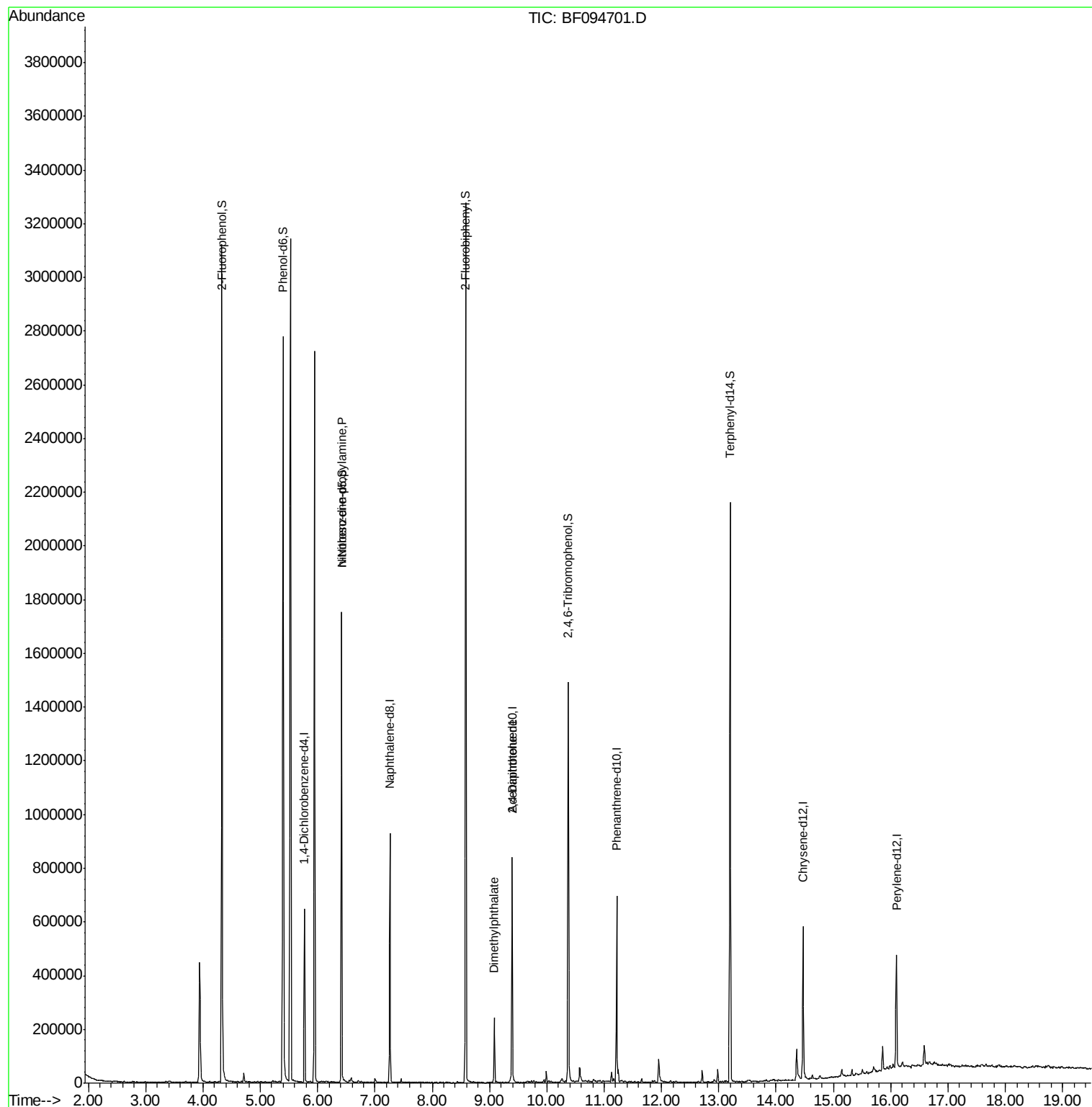
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.77	152	111054	20.00	ng	0.00
21) Naphthalene-d8	7.26	136	425691	20.00	ng	0.00
38) Acenaphthene-d10	9.40	164	177249	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	274372	20.00	ng	0.00
75) Chrysene-d12	14.47	240	226845	20.00	ng	0.00
86) Perylene-d12	16.10	264	174302	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	4.33	112	945906	141.31	ng	0.03
7) Phenol-d6	5.40	99	1175222	148.93	ng	0.00
23) Nitrobenzene-d5	6.42	82	668131	96.92	ng	0.00
41) 2,4,6-Tribromophenol	10.38	330	197916	142.75	ng	0.00
44) 2-Fluorobiphenyl	8.58	172	1160230	96.31	ng	0.00
78) Terphenyl-d14	13.20	244	828607	97.64	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	6.42	70	86766	16.59	ng	# 76
49) Dimethylphthalate	9.08	163	106835	8.09	ng	99
56) 2,4-Dinitrotoluene	9.40	165	22384	6.15	ng	# 33

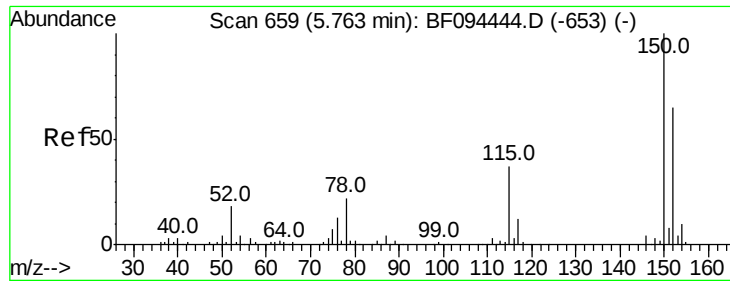
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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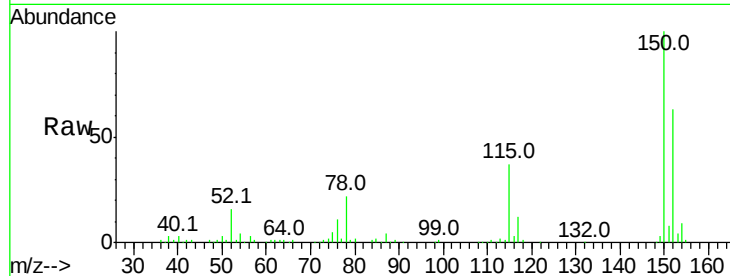


#1

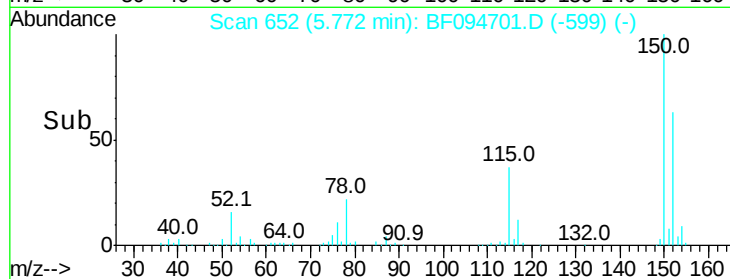
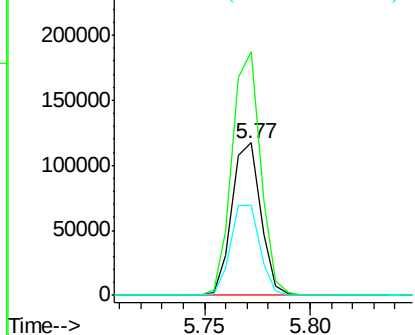
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.77 min Scan# 652
Delta R.T. 0.01 min
Lab File: BF094701.D
Acq: 28 Apr 2017 23:14

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 111054
Ion Ratio Lower Upper
152 100
150 159.5 126.2 189.2
115 59.2 52.2 78.2



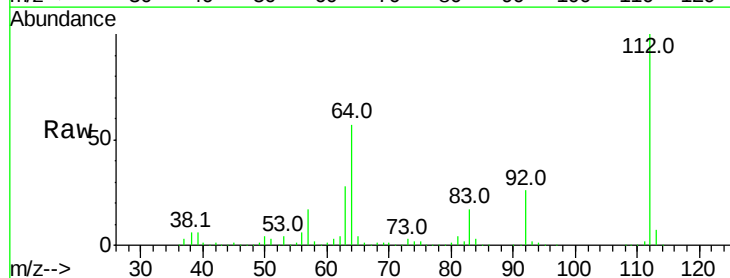
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



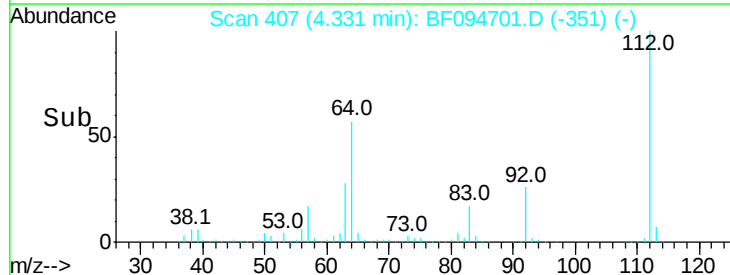
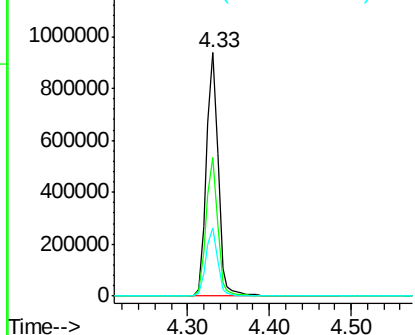
#5

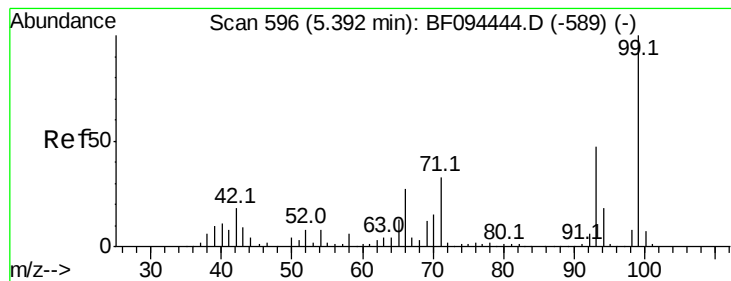
2-Fluorophenol
Concen: 141.31 ng
RT: 4.33 min Scan# 407
Delta R.T. 0.03 min
Lab File: BF094701.D
Acq: 28 Apr 2017 23:14

Tgt Ion:112 Resp: 945906
Ion Ratio Lower Upper
112 100
64 57.1 46.0 69.0
63 28.2 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: 148.93 ng

RT: 5.40 min Scan# 589

Delta R.T. 0.01 min

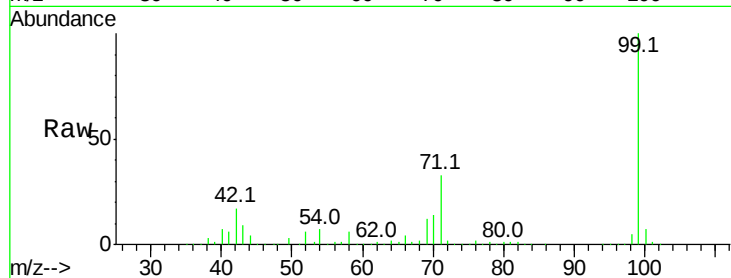
Lab File: BF094701.D

Acq: 28 Apr 2017 23:14

Instrument :
BNA_F
ClientSampled :

Tot Ion: 99 Resp: 1175222

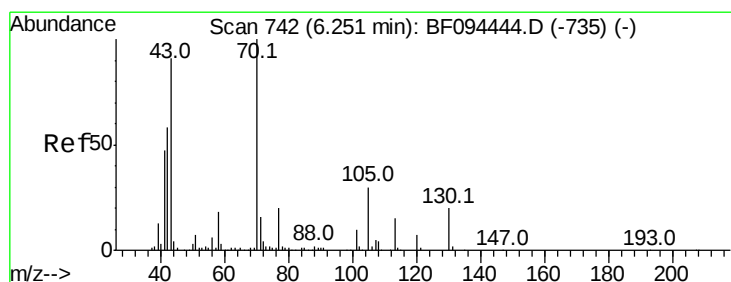
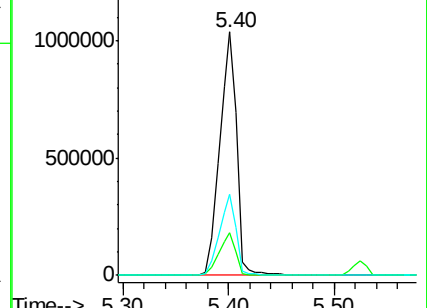
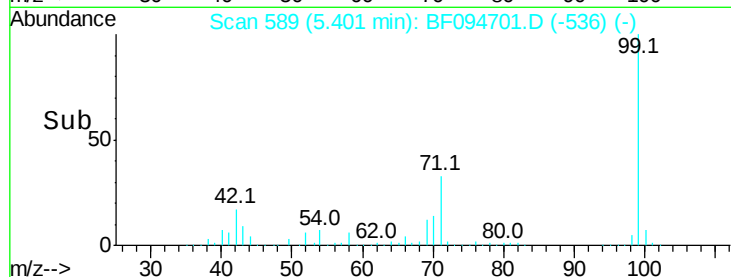
Ion	Ratio	Lower	Upper
99	100		
42	17.4	13.5	20.3
71	33.4	24.5	36.7



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: 16.59 ng

RT: 6.42 min Scan# 762

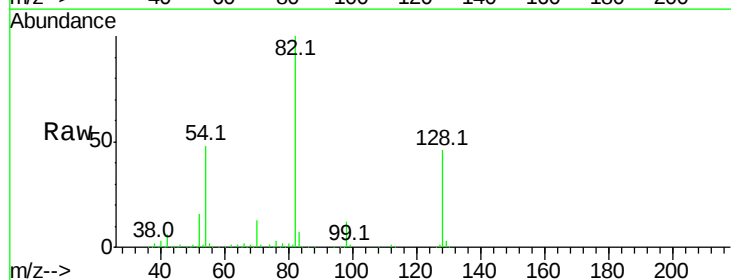
Delta R.T. 0.17 min

Lab File: BF094701.D

Acq: 28 Apr 2017 23:14

Tgt Ion: 70 Resp: 86766

Ion	Ratio	Lower	Upper
70	100		
42	44.6	47.2	70.8#
101	0.0	7.2	10.8#
130	2.3	15.9	23.9#

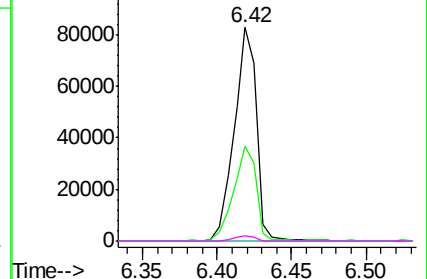
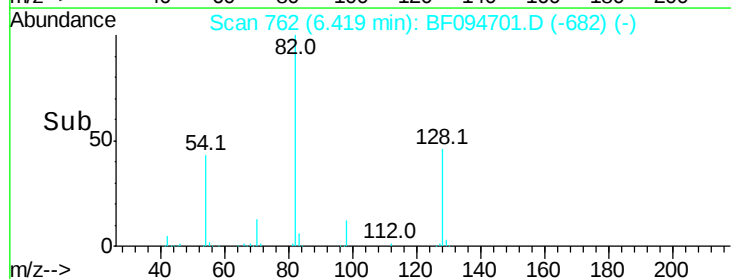


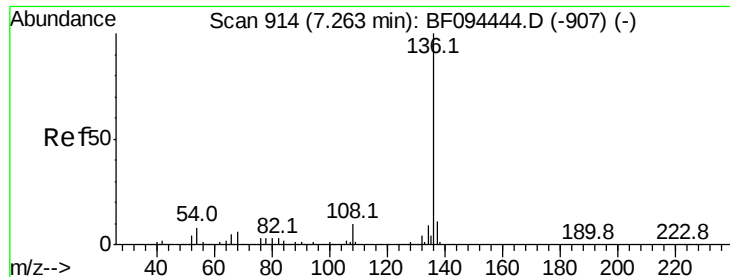
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

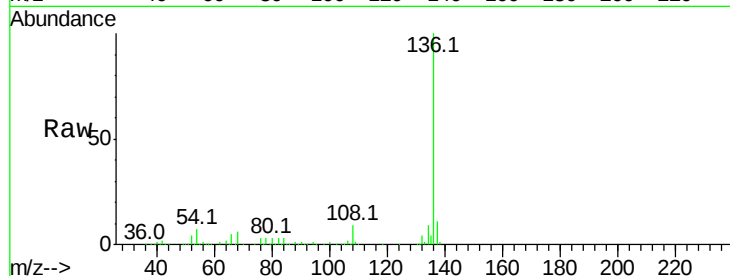




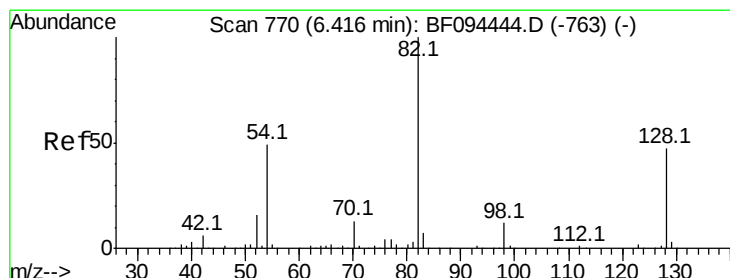
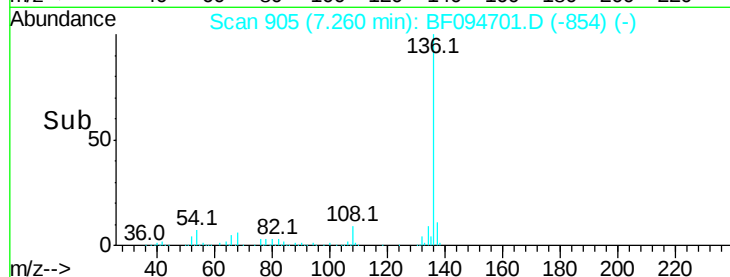
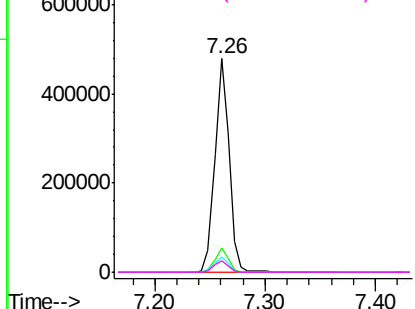
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.26 min Scan# 905
Delta R.T. -0.00 min
Lab File: BF094701.D
Acq: 28 Apr 2017 23:14

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	425691
Ion Ratio	Lower	Upper
136 100		
137 11.2	8.5	12.7
54 7.2	4.9	7.3
68 5.6	4.1	6.1

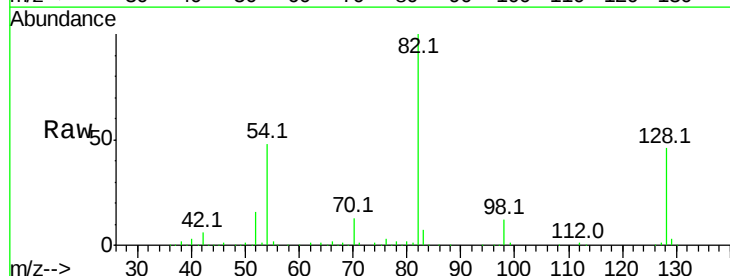


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

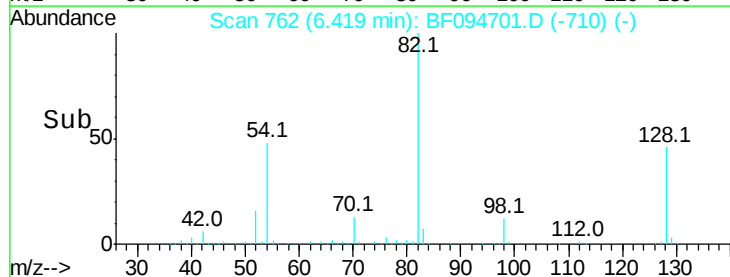
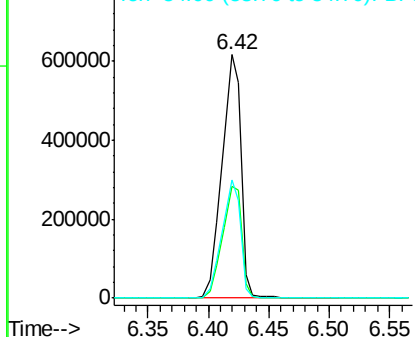


#23
Nitrobenzene-d5
Concen: 96.92 ng
RT: 6.42 min Scan# 762
Delta R.T. 0.00 min
Lab File: BF094701.D
Acq: 28 Apr 2017 23:14

Tgt	Ion: 82	Resp:	668131
Ion	Ratio	Lower	Upper
82	100		
128	46.0	34.0	51.0
54	48.3	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: 9.40 min Scan# 1268

Delta R.T. -0.00 min

Lab File: BF094701.D

Acq: 28 Apr 2017 23:14

Instrument :

BNA_F

ClientSampled :

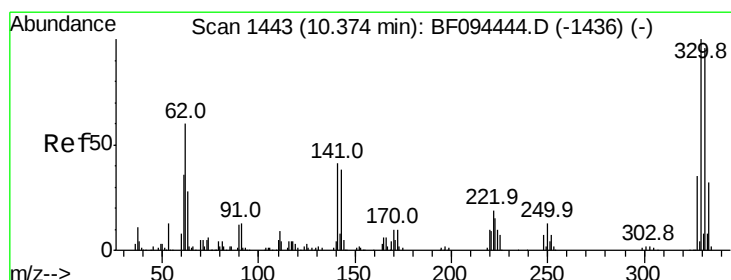
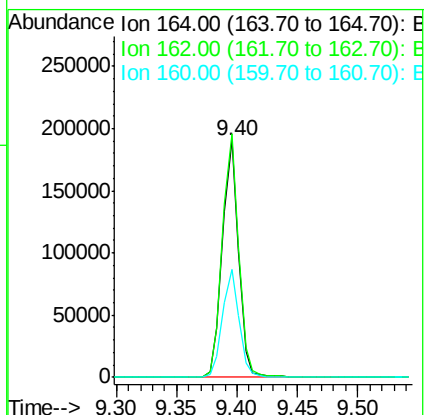
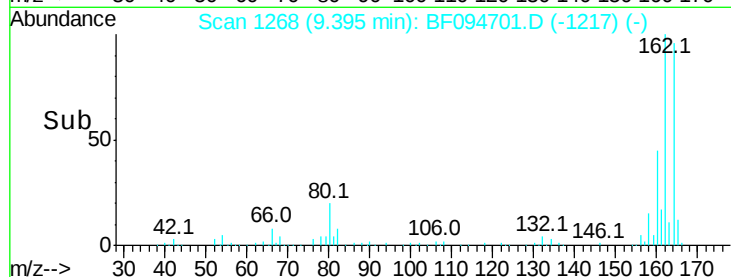
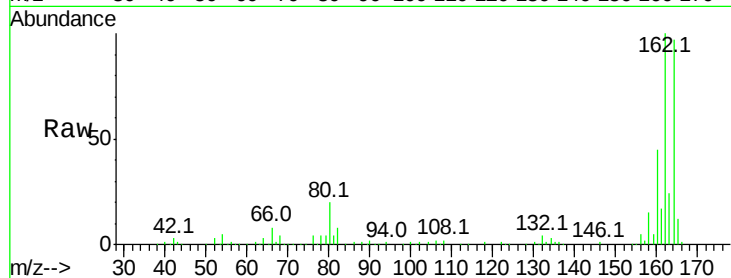
Tot Ion:164 Resp: 177249

Ion Ratio Lower Upper

164 100

162 102.7 82.6 123.8

160 45.7 36.2 54.2



#41

2,4,6-Tribromophenol

Concen: 142.75 ng

RT: 10.38 min Scan# 1435

Delta R.T. 0.00 min

Lab File: BF094701.D

Acq: 28 Apr 2017 23:14

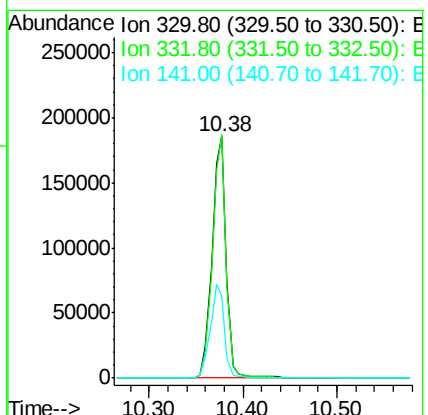
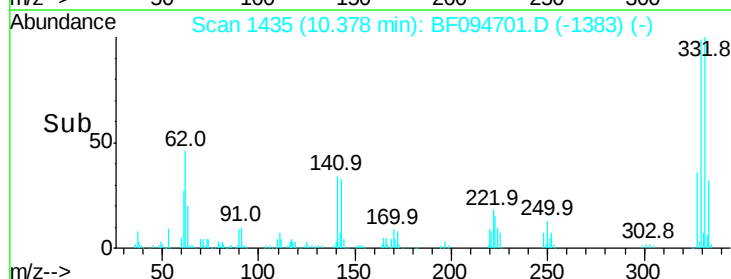
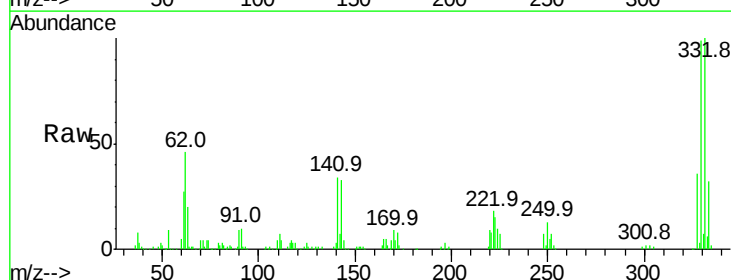
Tgt Ion:330 Resp: 197916

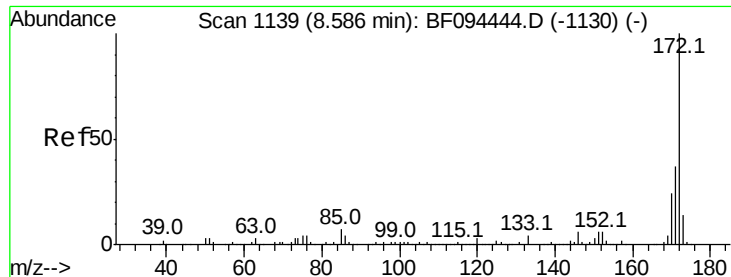
Ion Ratio Lower Upper

330 100

332 96.5 76.6 115.0

141 39.2 31.4 47.2

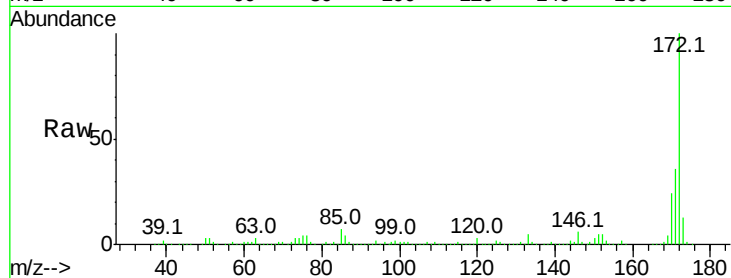




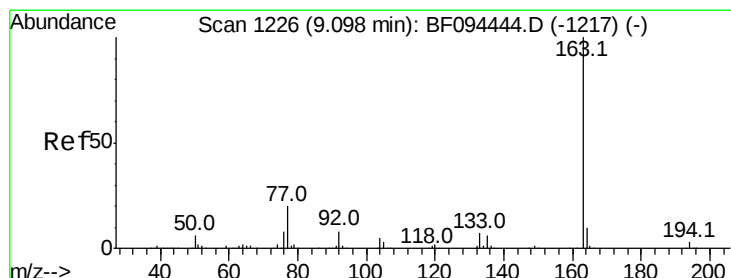
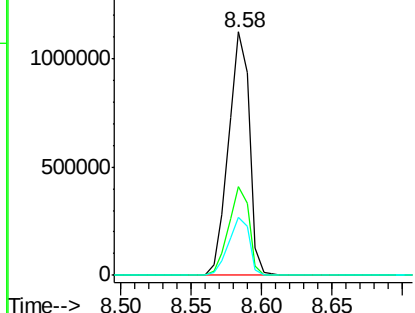
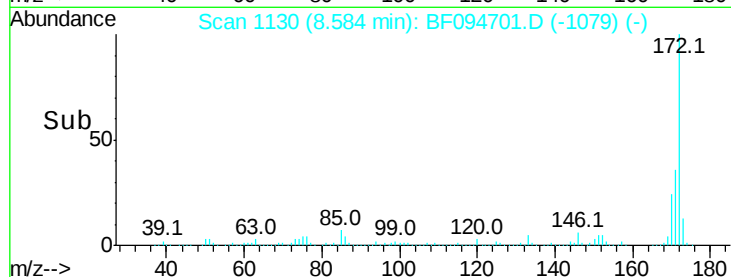
#44
2-Fluorobiphenyl
Concen: 96.31 ng
RT: 8.58 min Scan# 1130
Delta R.T. -0.00 min
Lab File: BF094701.D
Acq: 28 Apr 2017 23:14

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1160230
Ion Ratio Lower Upper
172 100
171 36.4 29.6 44.4
170 23.8 19.8 29.8

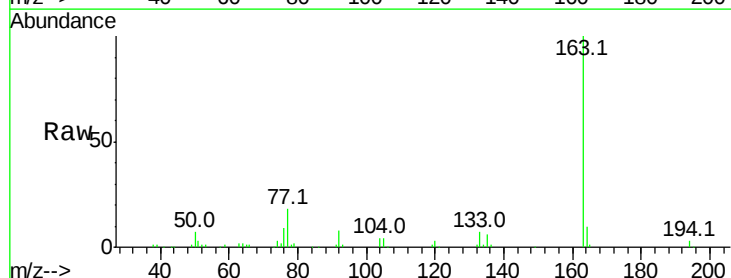


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

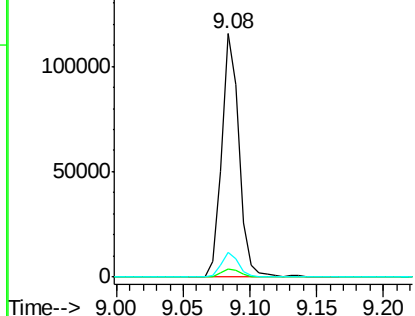
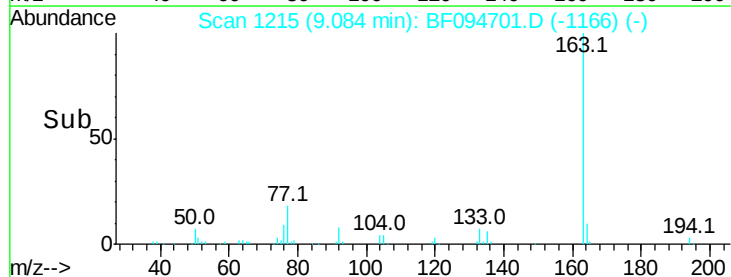


#49
Dimethylphthalate
Concen: 8.09 ng
RT: 9.08 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BF094701.D
Acq: 28 Apr 2017 23:14

Tgt Ion:163 Resp: 106835
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

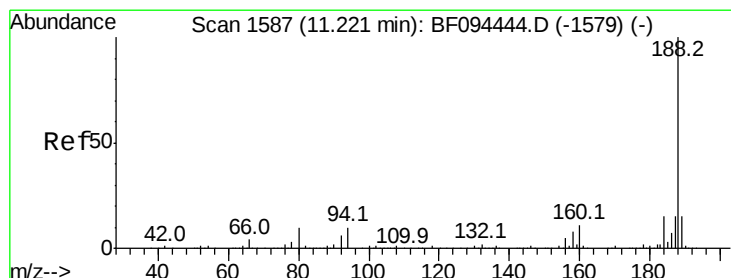
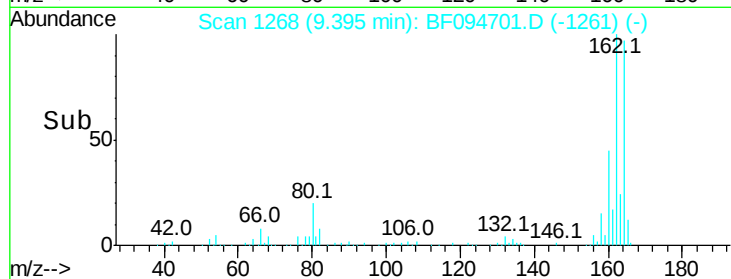
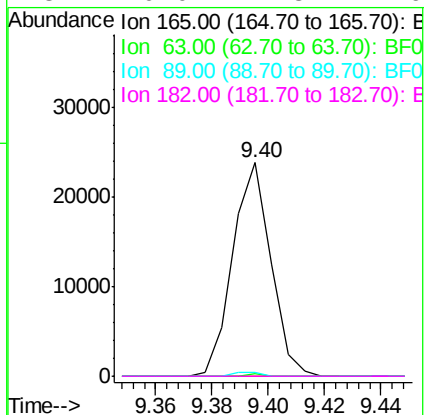
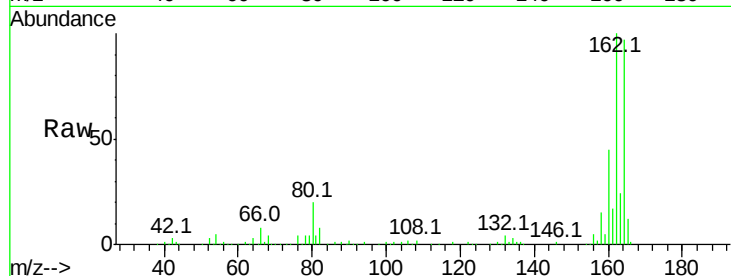




#56
 2,4-Dinitrotoluene
 Concen: 6.15 ng
 RT: 9.40 min Scan# 1268
 Delta R.T. -0.26 min
 Lab File: BF094701.D
 Acq: 28 Apr 2017 23:14

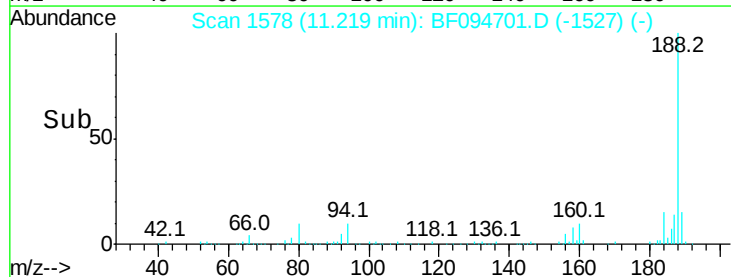
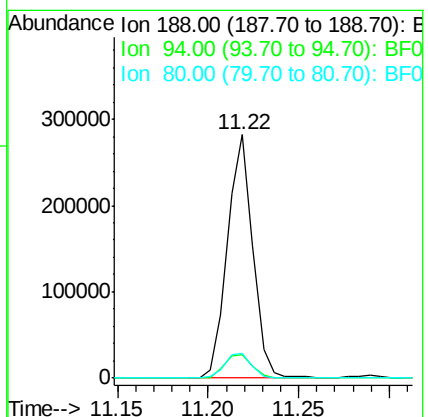
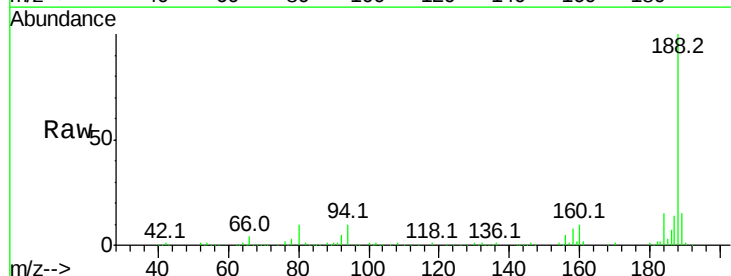
Instrument :
 BNA_F
 ClientSampleId :

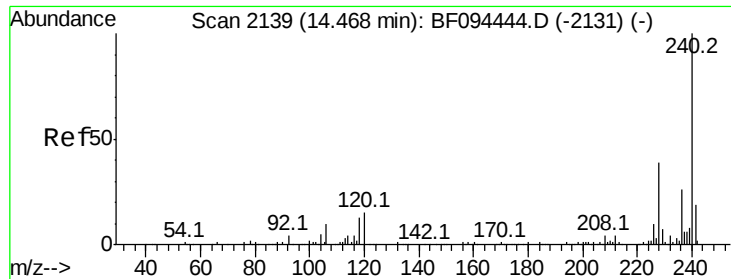
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.3	25.4	38.0#
89	2.0	46.4	69.6#
182	0.0	1.8	2.6#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.22 min Scan# 1578
 Delta R.T. -0.00 min
 Lab File: BF094701.D
 Acq: 28 Apr 2017 23:14

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.9	9.4	14.2
80	10.3	10.2	15.2





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.47 min Scan# 2131

Delta R.T. 0.00 min

Lab File: BF094701.D

Acq: 28 Apr 2017 23:14

Instrument :

BNA_F

ClientSampleID :

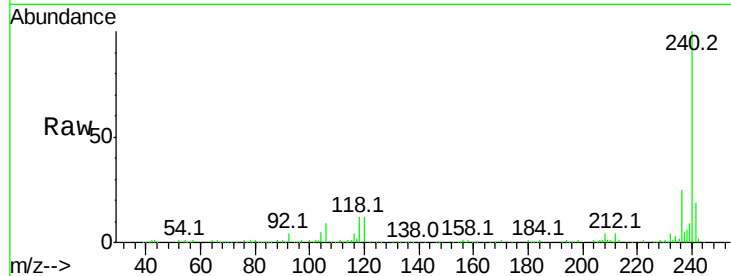
Tot Ion:240 Resp: 226845

Ion Ratio Lower Upper

240 100

120 12.4 5.8 8.8#

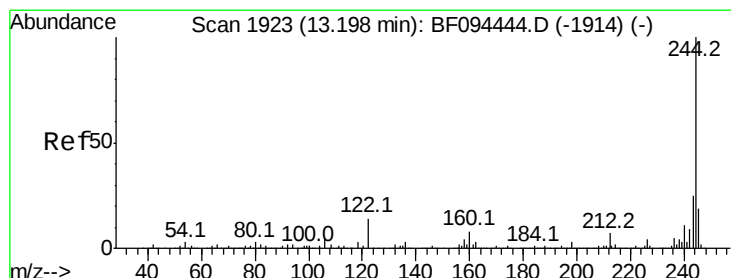
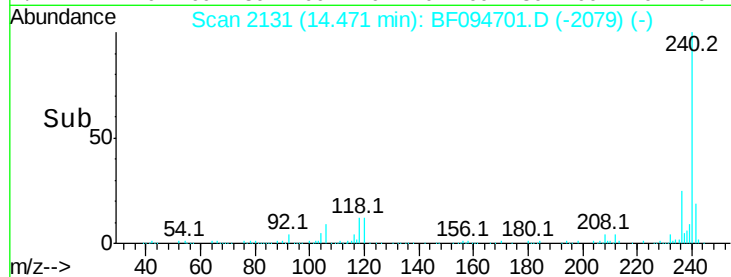
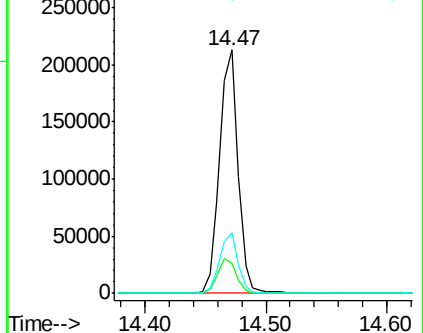
236 24.7 20.5 30.7



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: 97.64 ng

RT: 13.20 min Scan# 1915

Delta R.T. 0.00 min

Lab File: BF094701.D

Acq: 28 Apr 2017 23:14

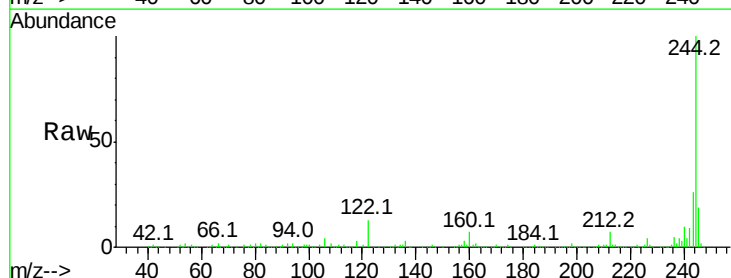
Tgt Ion:244 Resp: 828607

Ion Ratio Lower Upper

244 100

212 6.7 6.0 9.0

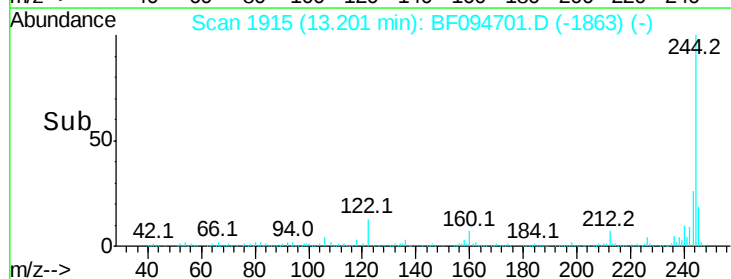
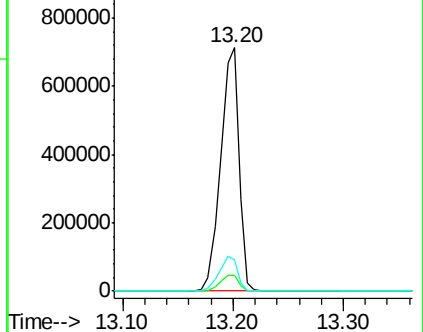
122 13.0 10.3 15.5

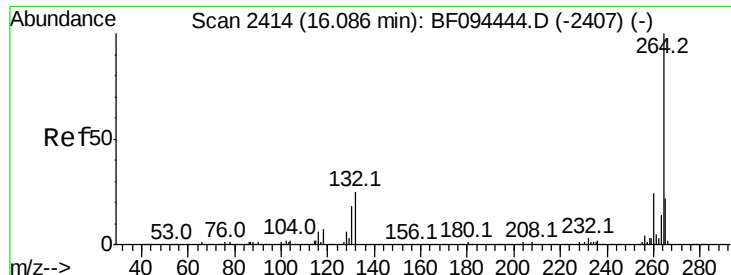


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

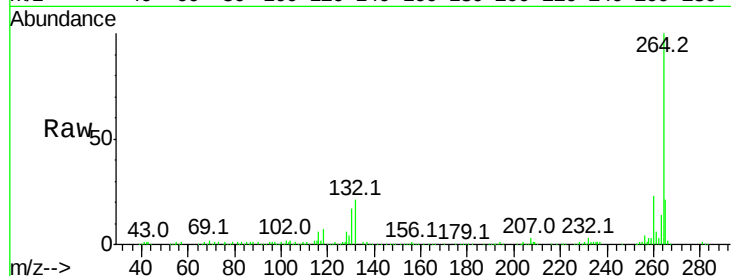




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 16.10 min Scan# 2408
 Delta R.T. 0.01 min
 Lab File: BF094701.D
 Acq: 28 Apr 2017 23:14

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:264 Resp: 174302
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.5 29.3
 265 21.2 17.2 25.8



Abundance Ion 264.00 (263.70 to 264.70): E
 200000
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

