

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042817\
 Data File : BF094694.D
 Acq On : 28 Apr 2017 20:04
 Operator : SJ/MA
 Sample : I2895-04
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 28 23:06:37 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

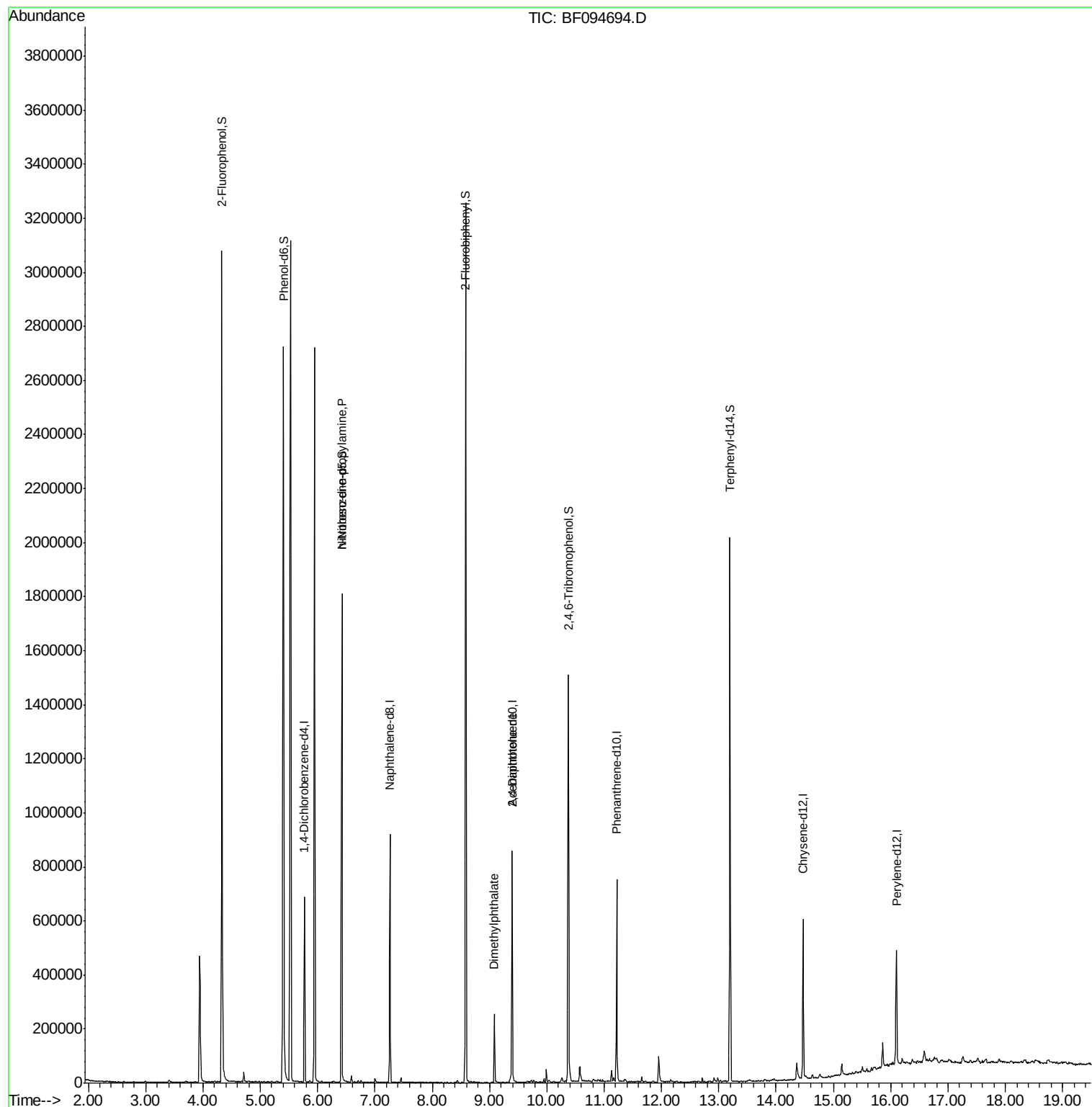
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.77	152	113195	20.00	ng	0.00
21) Naphthalene-d8	7.26	136	429709	20.00	ng	0.00
38) Acenaphthene-d10	9.40	164	182691	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	278391	20.00	ng	0.00
75) Chrysene-d12	14.47	240	227220	20.00	ng	0.00
86) Perylene-d12	16.10	264	170423	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	4.33	112	984839	144.34	ng	0.03
7) Phenol-d6	5.41	99	1194223	148.47	ng	0.01
23) Nitrobenzene-d5	6.42	82	698732	100.41	ng	0.00
41) 2,4,6-Tribromophenol	10.38	330	199265	139.45	ng	0.00
44) 2-Fluorobiphenyl	8.58	172	1149099	92.54	ng	0.00
78) Terphenyl-d14	13.19	244	741082	87.18	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	6.42	70	92671	17.39	ng	# 77
49) Dimethylphthalate	9.08	163	111435	8.18	ng	99
56) 2,4-Dinitrotoluene	9.40	165	24003	6.40	ng	# 31

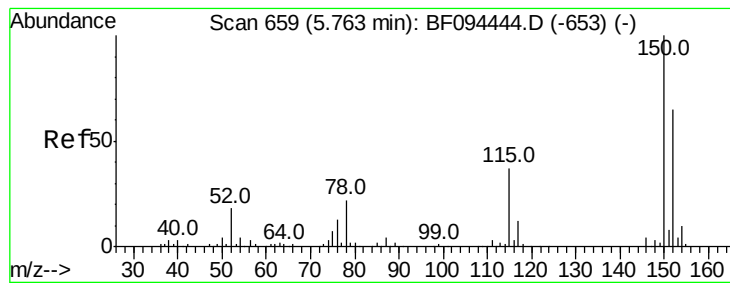
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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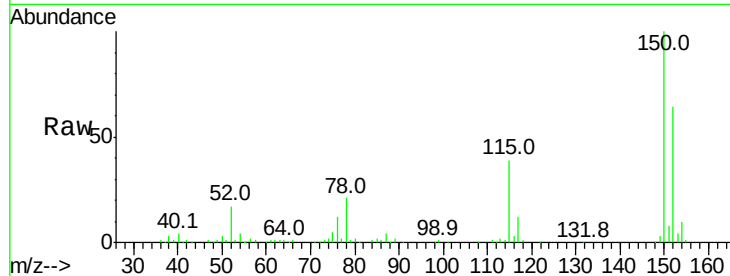


#1

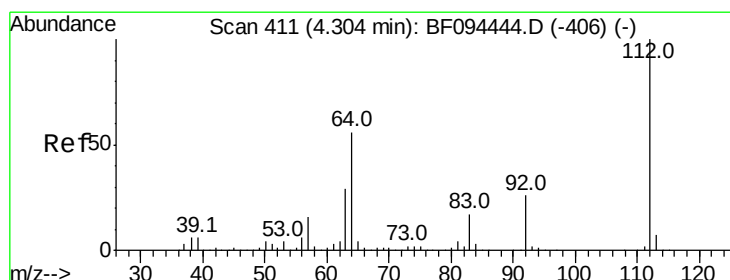
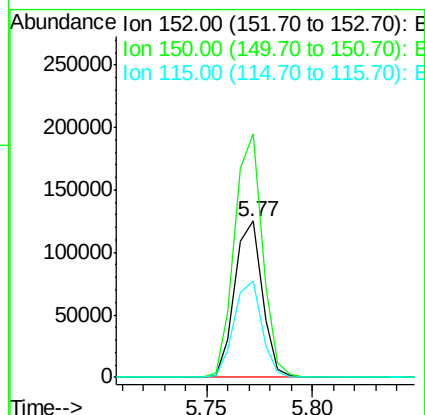
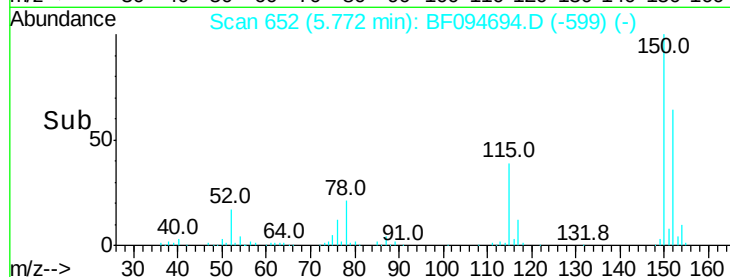
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.77 min Scan# 652
Delta R.T. 0.01 min
Lab File: BF094694.D
Acq: 28 Apr 2017 20:04

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 113195
Ion Ratio Lower Upper
152 100
150 156.1 126.2 189.2
115 61.4 52.2 78.2



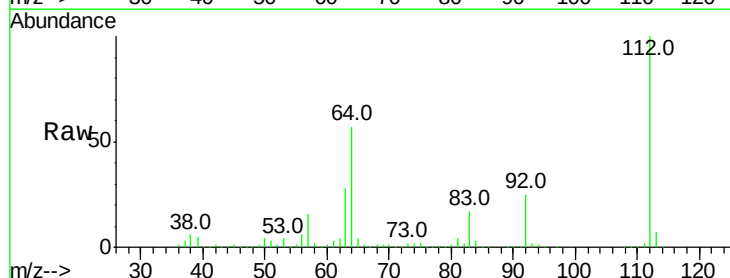
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



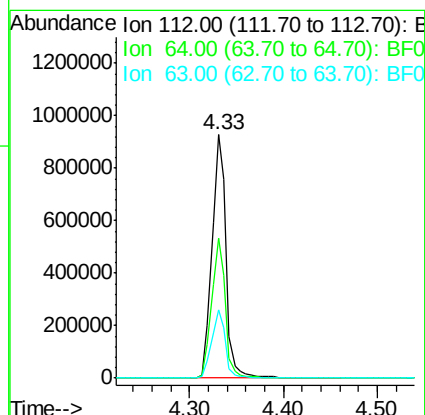
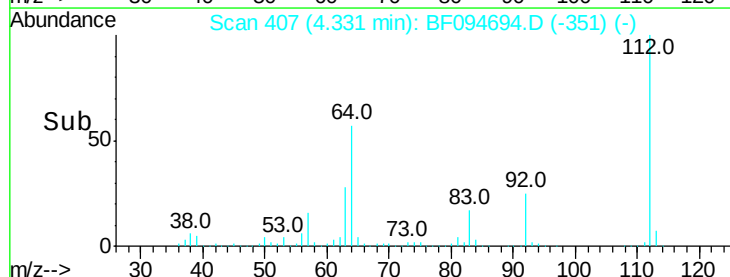
#5

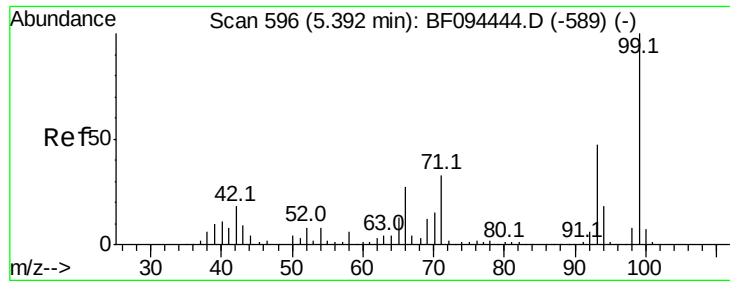
2-Fluorophenol
Concen: 144.34 ng
RT: 4.33 min Scan# 407
Delta R.T. 0.03 min
Lab File: BF094694.D
Acq: 28 Apr 2017 20:04

Tgt Ion:112 Resp: 984839
Ion Ratio Lower Upper
112 100
64 57.3 46.0 69.0
63 28.1 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: 148.47 ng

RT: 5.41 min Scan# 590

Delta R.T. 0.01 min

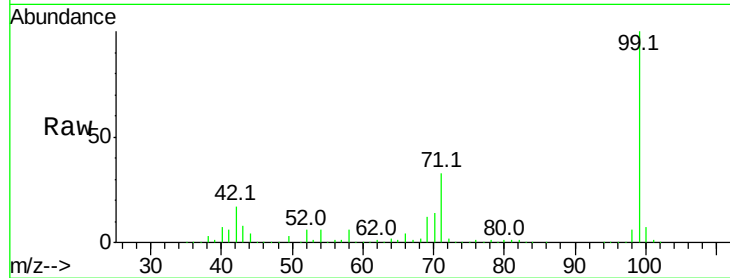
Lab File: BF094694.D

Acq: 28 Apr 2017 20:04

Instrument :
BNA_F
ClientSampled :

Tot Ion: 99 Resp: 1194223

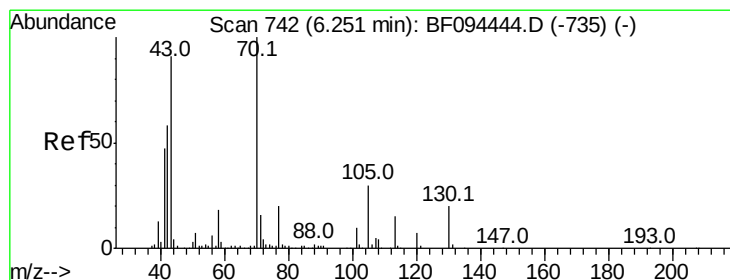
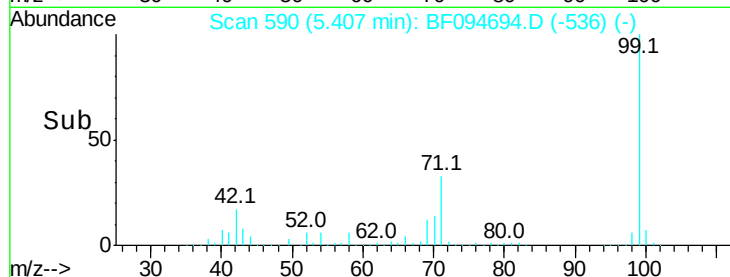
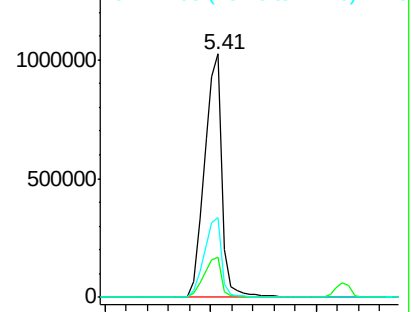
Ion	Ratio	Lower	Upper
99	100		
42	16.7	13.5	20.3
71	32.8	24.5	36.7



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: 17.39 ng

RT: 6.42 min Scan# 762

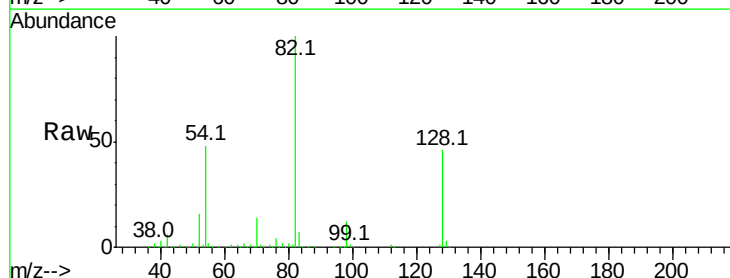
Delta R.T. 0.17 min

Lab File: BF094694.D

Acq: 28 Apr 2017 20:04

Tgt Ion: 70 Resp: 92671

Ion	Ratio	Lower	Upper
70	100		
42	46.0	47.2	70.8#
101	0.0	7.2	10.8#
130	2.2	15.9	23.9#

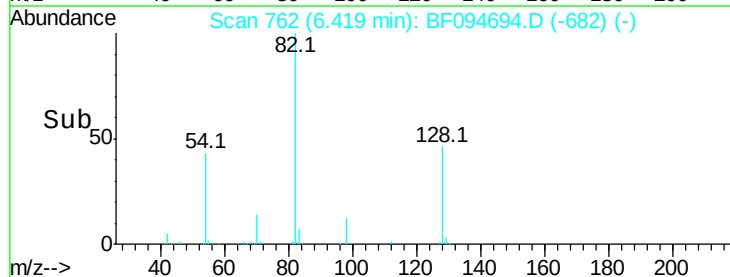
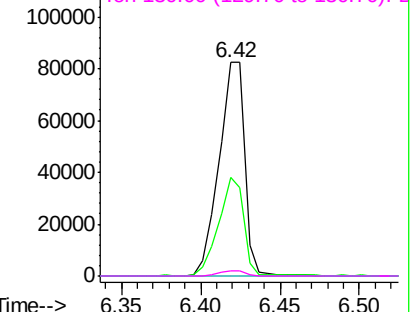


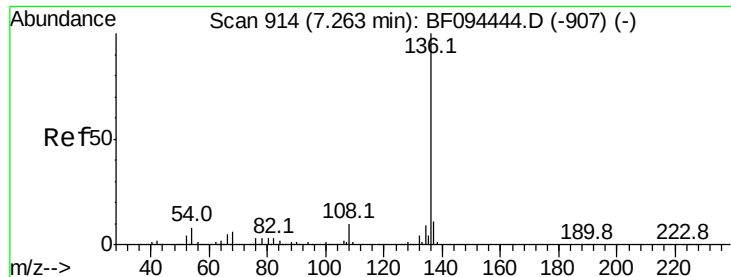
Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 7.26 min Scan# 905

Delta R.T. -0.00 min

Lab File: BF094694.D

Acq: 28 Apr 2017 20:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136 Resp: 429709

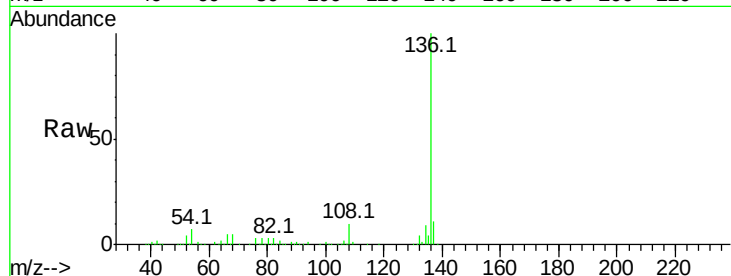
Ion Ratio Lower Upper

136 100

137 10.9 8.5 12.7

54 7.2 4.9 7.3

68 5.3 4.1 6.1

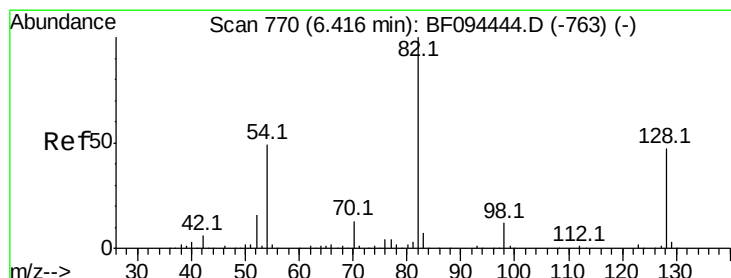
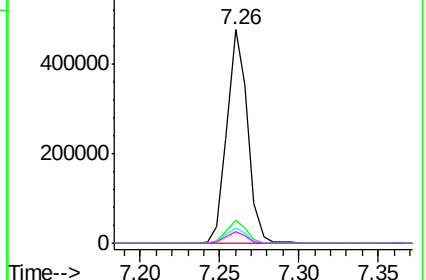
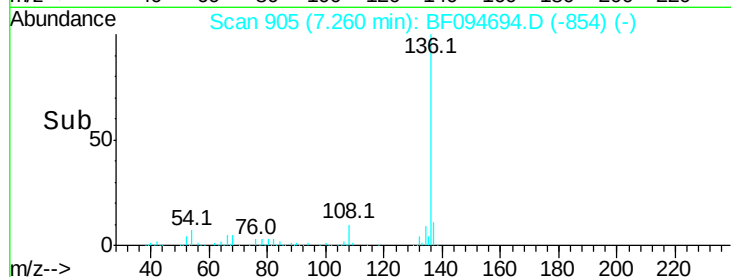


Abundance Ion 136.00 (135.70 to 136.70): E

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: 100.41 ng

RT: 6.42 min Scan# 763

Delta R.T. 0.01 min

Lab File: BF094694.D

Acq: 28 Apr 2017 20:04

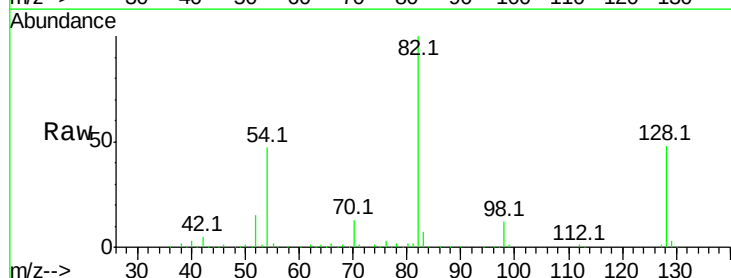
Tgt Ion: 82 Resp: 698732

Ion Ratio Lower Upper

82 100

128 48.4 34.0 51.0

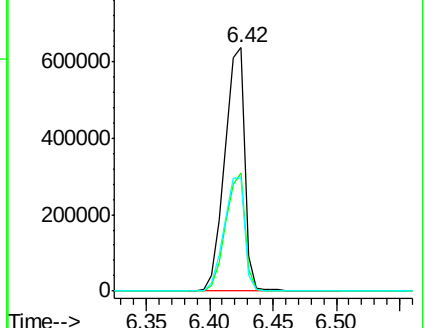
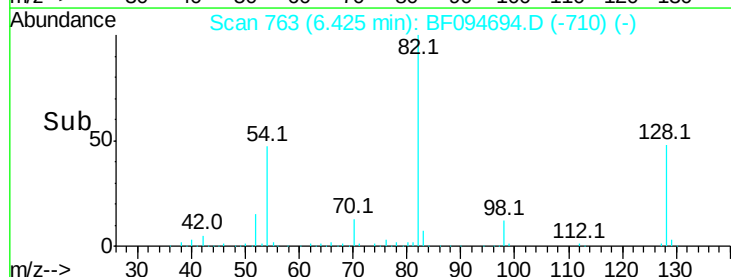
54 46.6 42.2 63.2

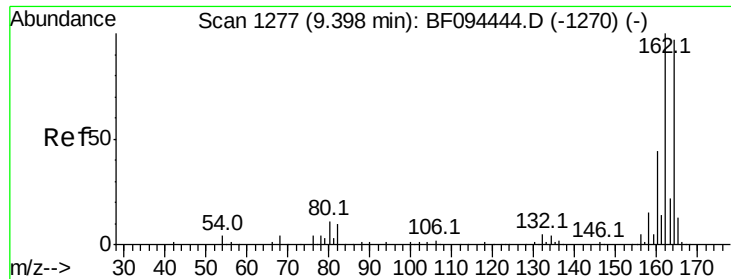


Abundance Ion 82.00 (81.70 to 82.70): BF0

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: BF094694.D

Acq: 28 Apr 2017 20:04

Instrument :

BNA_F

ClientSampleId :

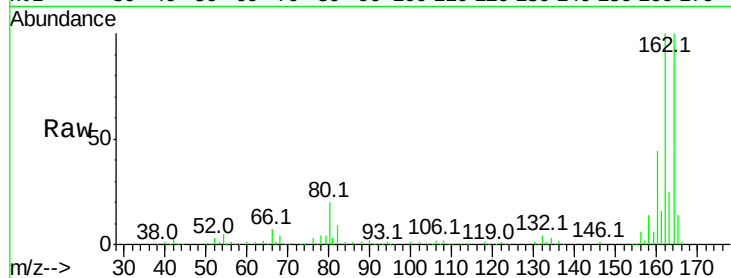
Tot Ion:164 Resp: 182691

Ion Ratio Lower Upper

164 100

162 100.0 82.6 123.8

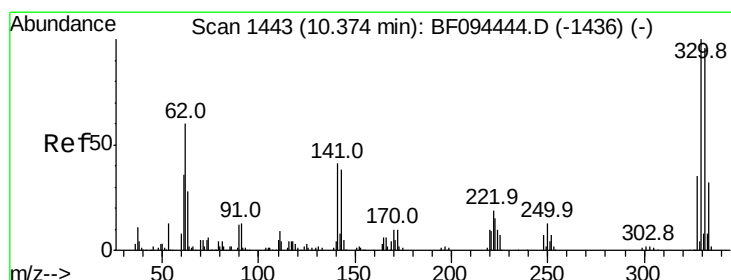
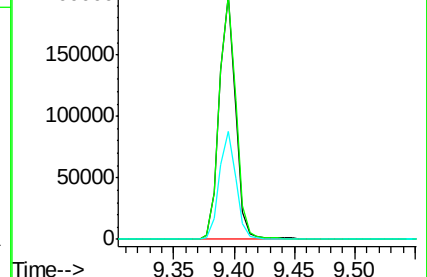
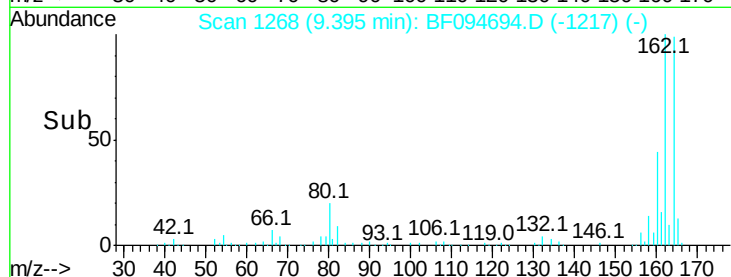
160 44.4 36.2 54.2



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: 139.45 ng

RT: 10.38 min Scan# 1435

Delta R.T. 0.00 min

Lab File: BF094694.D

Acq: 28 Apr 2017 20:04

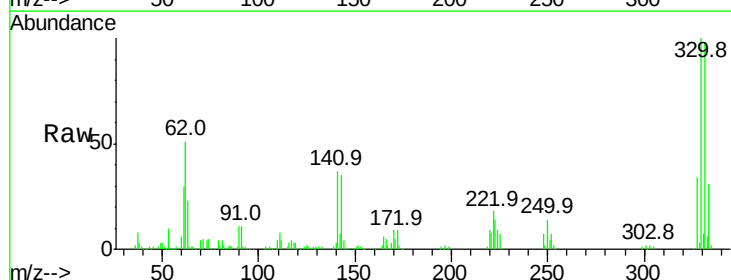
Tgt Ion:330 Resp: 199265

Ion Ratio Lower Upper

330 100

332 96.8 76.6 115.0

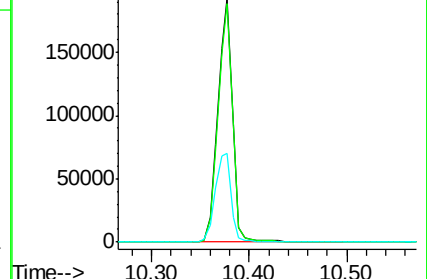
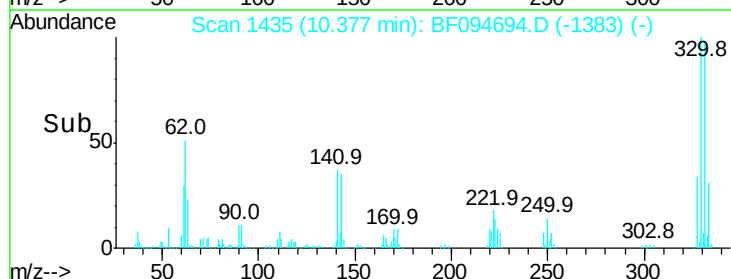
141 39.6 31.4 47.2

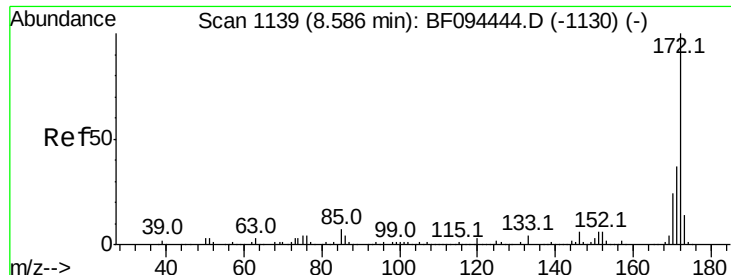


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

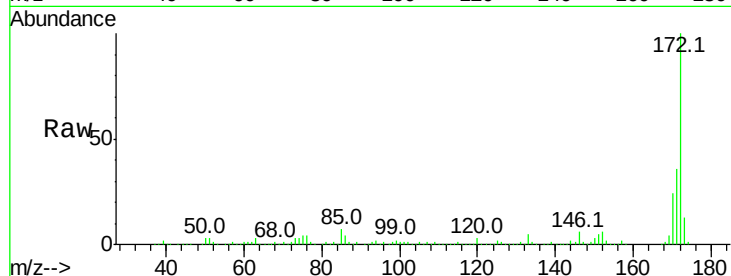




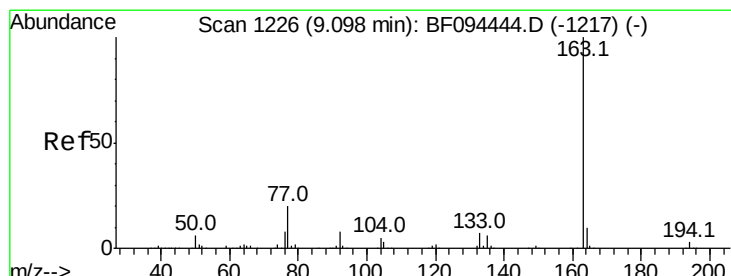
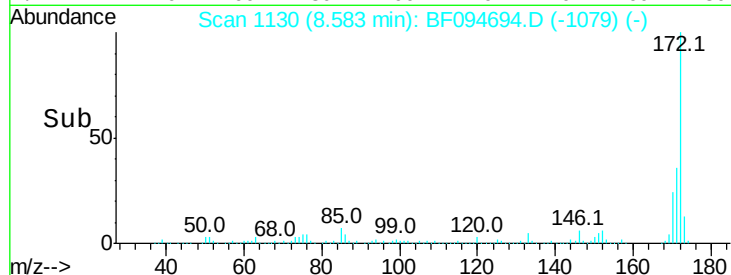
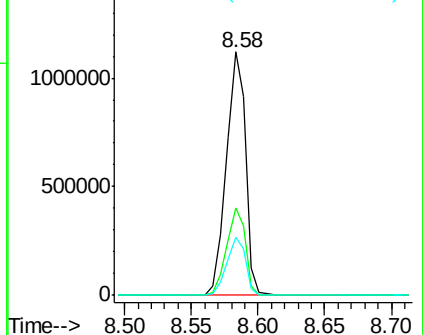
#44
2-Fluorobiphenyl
Concen: 92.54 ng
RT: 8.58 min Scan# 1130
Delta R.T. -0.00 min
Lab File: BF094694.D
Acq: 28 Apr 2017 20:04

Instrument :
BNA_F
ClientSampled :

Tot Ion:172 Resp: 1149099
Ion Ratio Lower Upper
172 100
171 36.1 29.6 44.4
170 23.8 19.8 29.8

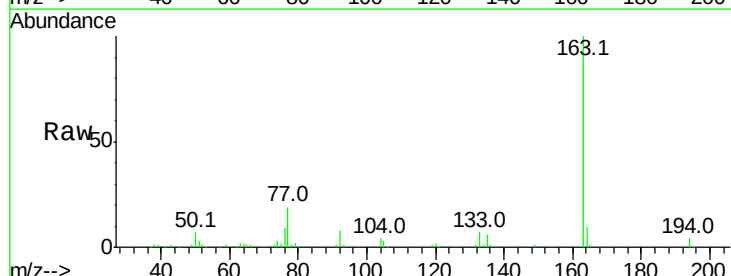


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

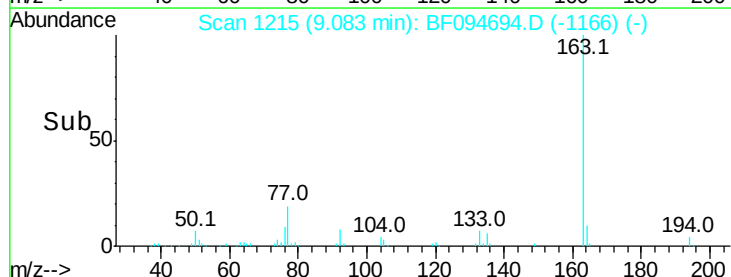
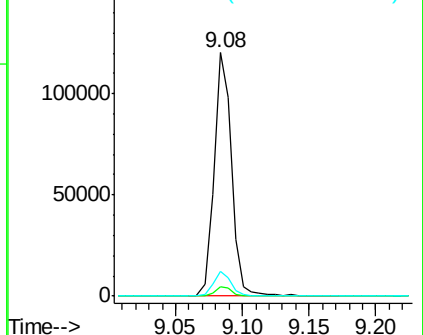


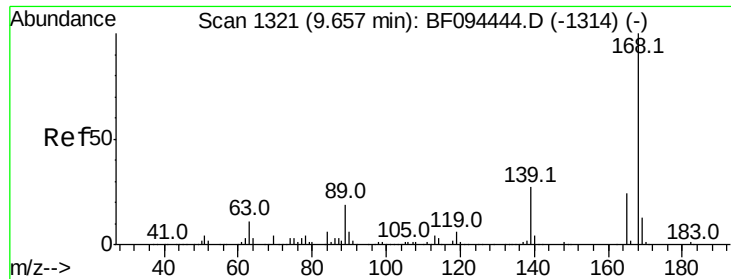
#49
Dimethylphthalate
Concen: 8.18 ng
RT: 9.08 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BF094694.D
Acq: 28 Apr 2017 20:04

Tgt Ion:163 Resp: 111435
Ion Ratio Lower Upper
163 100
194 3.7 2.6 4.0
164 10.2 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: 6.40 ng

RT: 9.40 min Scan# 1268

Delta R.T. -0.26 min

Lab File: BF094694.D

Acq: 28 Apr 2017 20:04

Instrument :

BNA_F

ClientSampleId :

Tot Ion:165 Resp: 24003

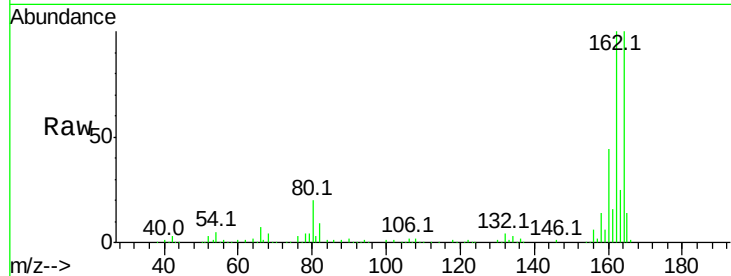
Ion Ratio Lower Upper

165 100

63 0.0 25.4 38.0#

89 0.0 46.4 69.6#

182 0.0 1.8 2.6#

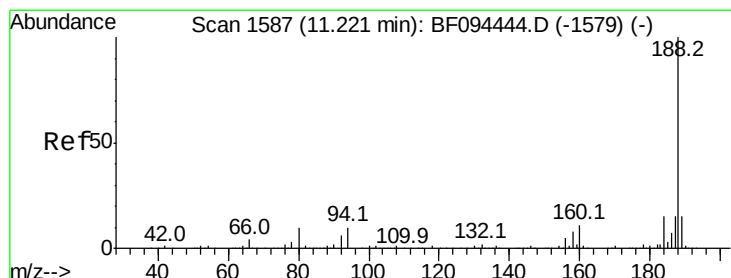
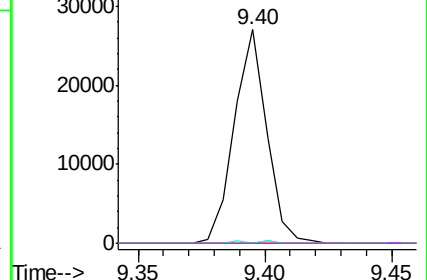
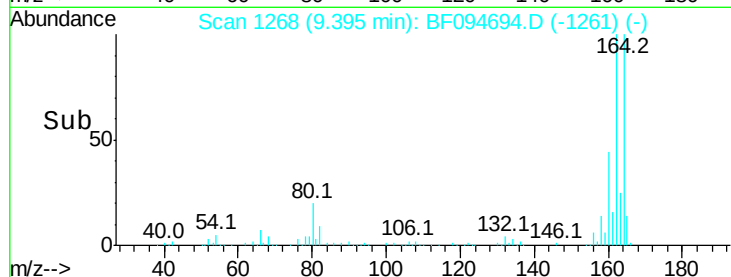


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.22 min Scan# 1578

Delta R.T. -0.00 min

Lab File: BF094694.D

Acq: 28 Apr 2017 20:04

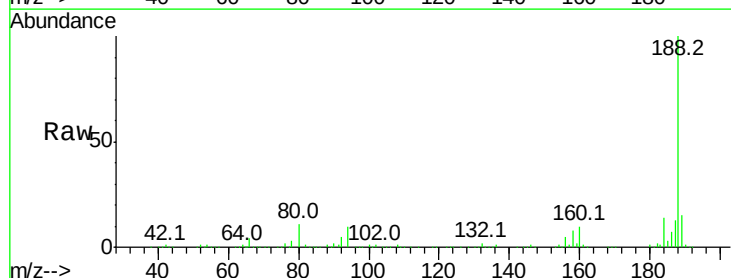
Tgt Ion:188 Resp: 278391

Ion Ratio Lower Upper

188 100

94 10.0 9.4 14.2

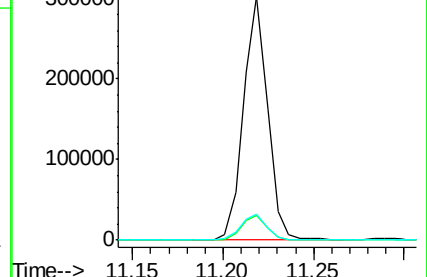
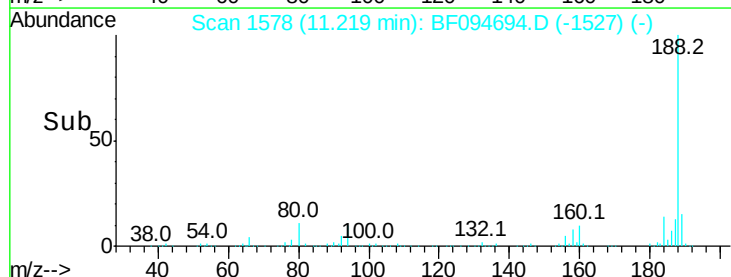
80 10.6 10.2 15.2

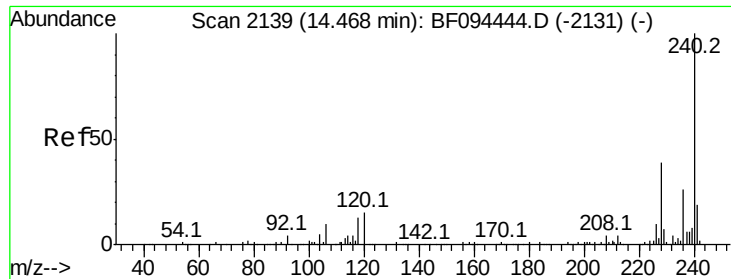


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

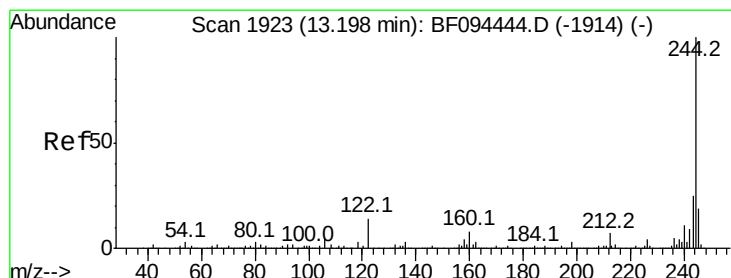
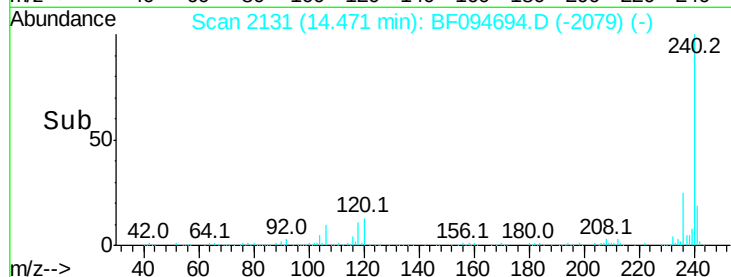
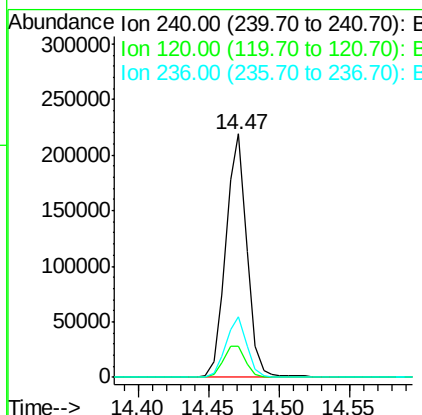
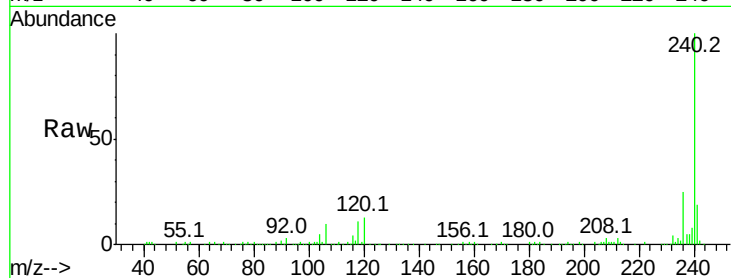




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.47 min Scan# 2131
 Delta R.T. 0.00 min
 Lab File: BF094694.D
 Acq: 28 Apr 2017 20:04

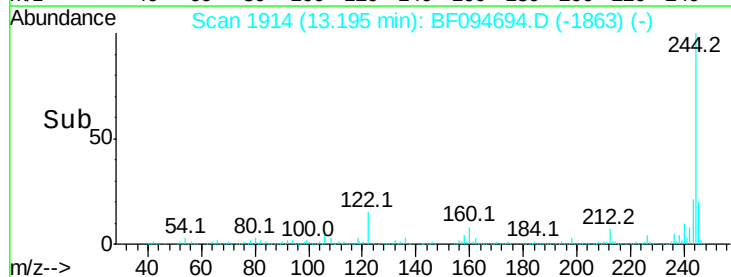
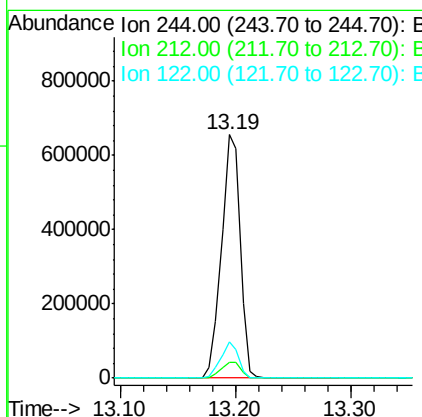
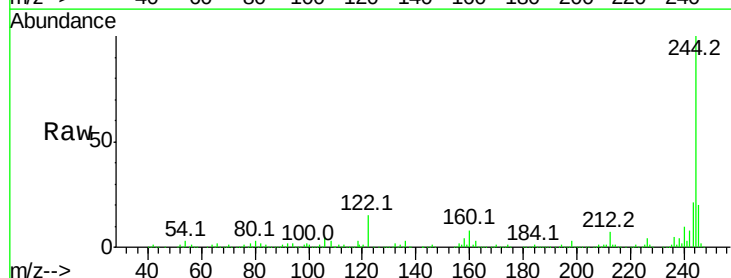
Instrument :
 BNA_F
 ClientSampled :

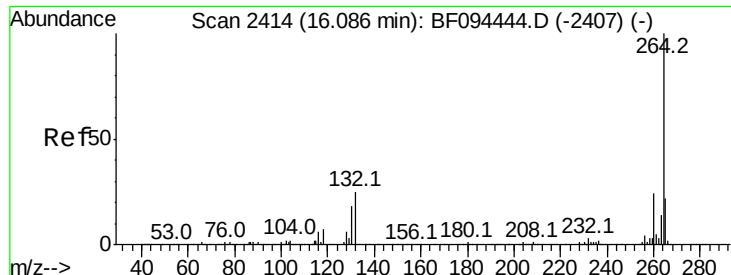
Tot Ion:240 Resp: 227220
 Ion Ratio Lower Upper
 240 100
 120 12.8 5.8 8.8#
 236 24.6 20.5 30.7



#78
 Terphenyl-d14
 Concen: 87.18 ng
 RT: 13.19 min Scan# 1914
 Delta R.T. -0.00 min
 Lab File: BF094694.D
 Acq: 28 Apr 2017 20:04

Tgt Ion:244 Resp: 741082
 Ion Ratio Lower Upper
 244 100
 212 6.7 6.0 9.0
 122 14.7 10.3 15.5

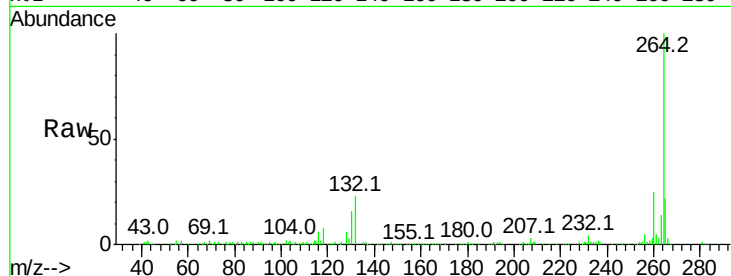




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 16.10 min Scan# 2408
 Delta R.T. 0.01 min
 Lab File: BF094694.D
 Acq: 28 Apr 2017 20:04

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.5	29.3
265	22.1	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

