

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042617\
 Data File : BF094651.D
 Acq On : 26 Apr 2017 17:14
 Operator : SJ/MA
 Sample : I2813-02RE
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 27 01:23:51 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

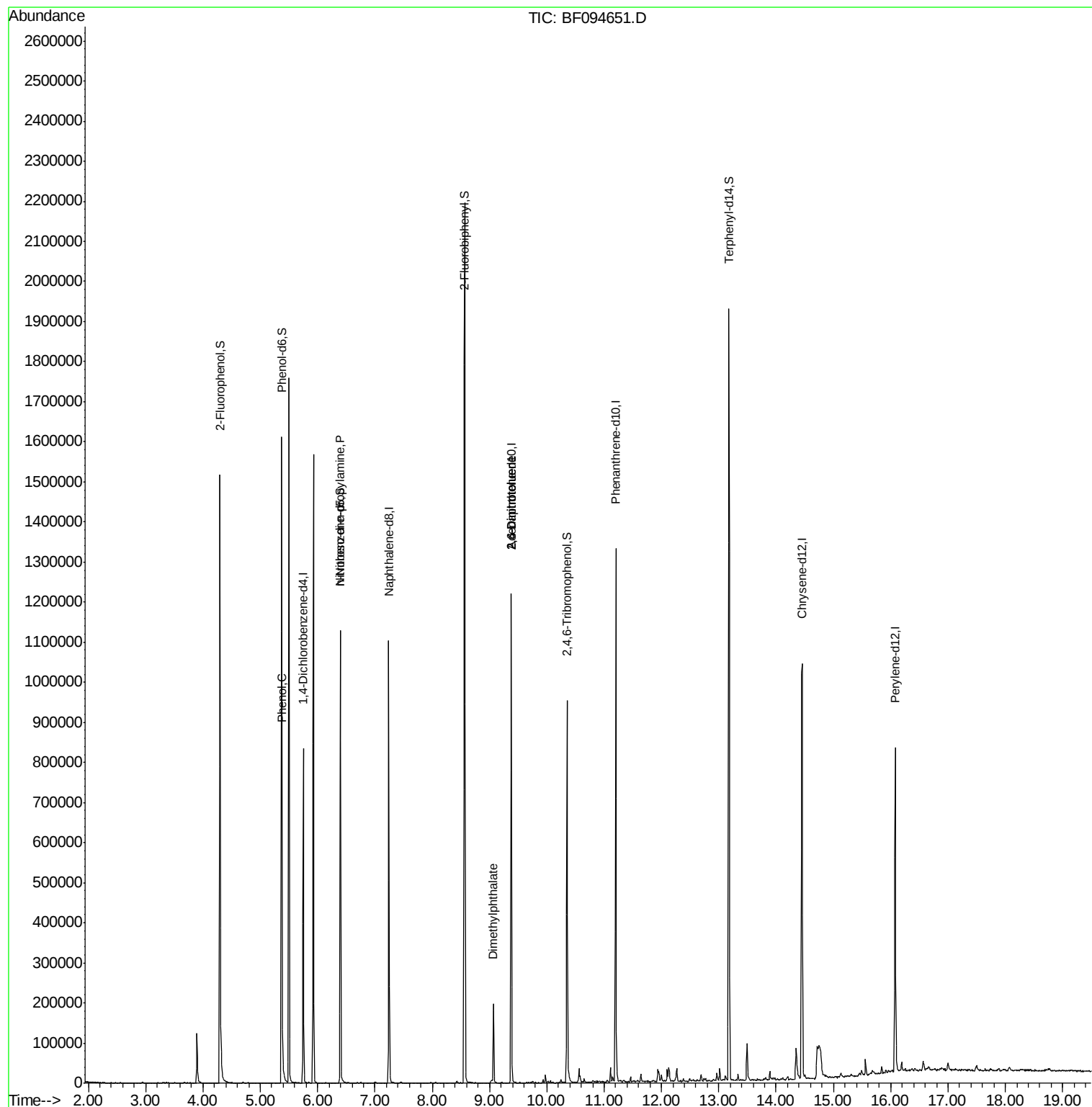
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.75	152	129061	20.00	ng	-0.01
21) Naphthalene-d8	7.24	136	534441	20.00	ng	-0.02
38) Acenaphthene-d10	9.38	164	263152	20.00	ng	-0.02
63) Phenanthrene-d10	11.20	188	514398	20.00	ng	-0.02
75) Chrysene-d12	14.45	240	431453	20.00	ng	-0.01
86) Perylene-d12	16.08	264	322571	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.30	112	472836	60.78	ng	0.00
7) Phenol-d6	5.37	99	580997	63.35	ng	-0.02
23) Nitrobenzene-d5	6.40	82	379505	43.85	ng	-0.02
41) 2,4,6-Tribromophenol	10.35	330	126786	61.60	ng	-0.02
44) 2-Fluorobiphenyl	8.57	172	748486	41.85	ng	-0.02
78) Terphenyl-d14	13.18	244	656532	40.67	ng	-0.02
Target Compounds						
10) Phenol	5.38	94	31319	2.78	ng	Qvalue 98
19) n-Nitroso-di-n-propylamine	6.40	70	49582	8.16	ng	# 76
49) Dimethylphthalate	9.07	163	94100	4.80	ng	99
50) 2,6-Dinitrotoluene	9.38	165	33316	7.57	ng	# 33
56) 2,4-Dinitrotoluene	9.38	165	33316	6.17	ng	# 33

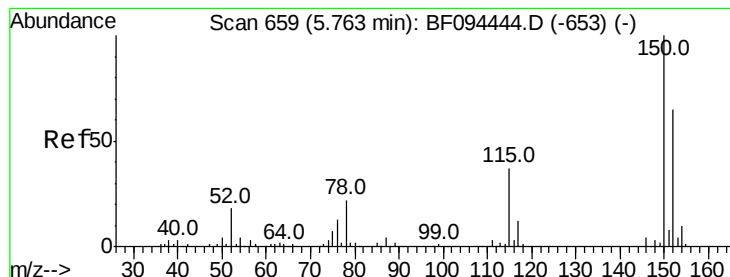
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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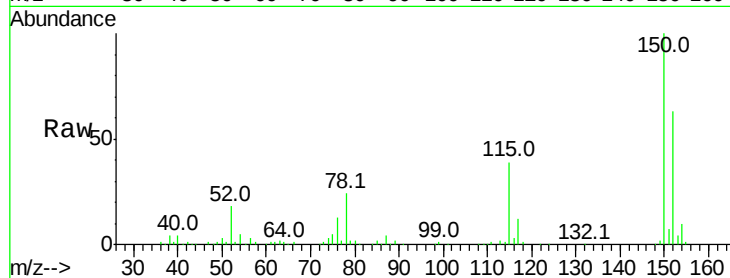


#1

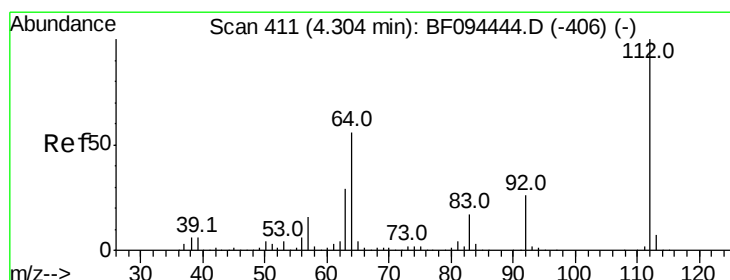
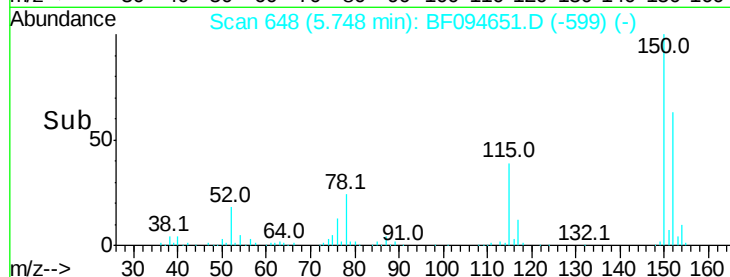
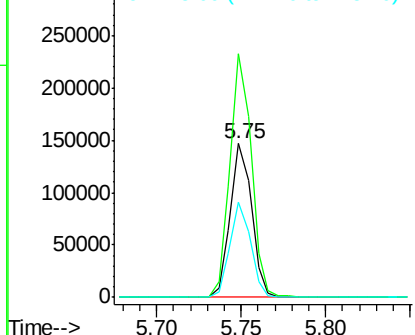
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.75 min Scan# 648
Delta R.T. -0.01 min
Lab File: BF094651.D
Acq: 26 Apr 2017 17:14

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 129061
Ion Ratio Lower Upper
152 100
150 158.1 126.2 189.2
115 61.8 52.2 78.2



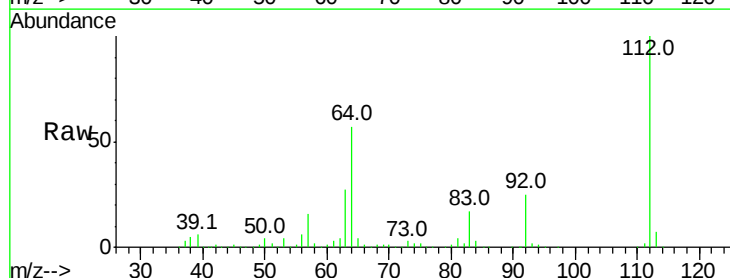
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



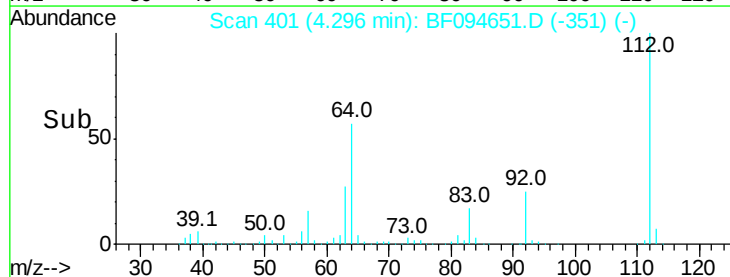
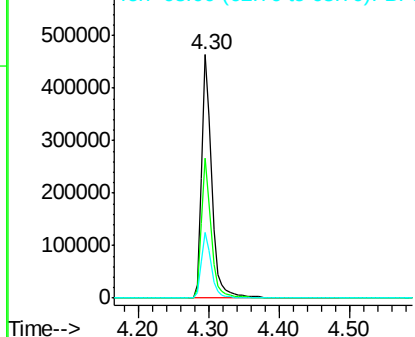
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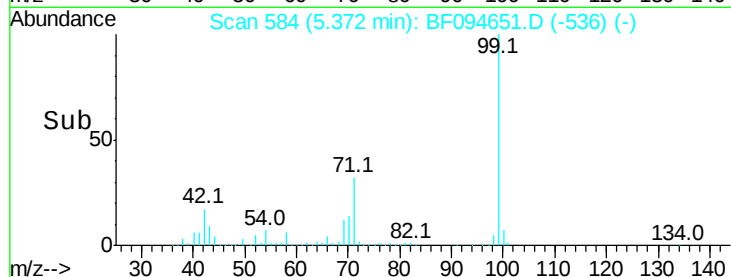
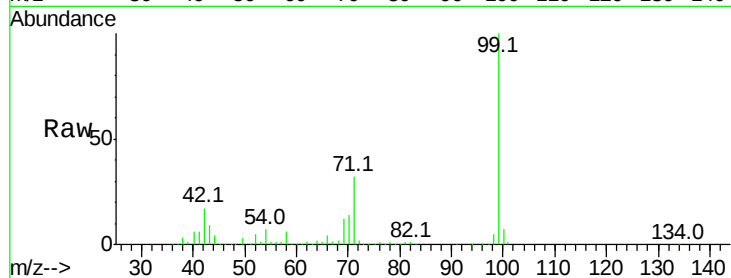
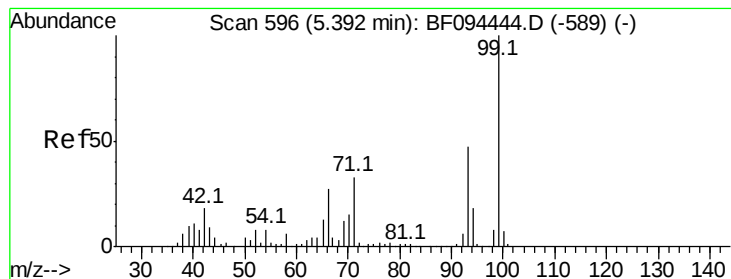
2-Fluorophenol
Concen: 60.78 ng
RT: 4.30 min Scan# 401
Delta R.T. -0.01 min
Lab File: BF094651.D
Acq: 26 Apr 2017 17:14

Tgt Ion:112 Resp: 472836
Ion Ratio Lower Upper
112 100
64 57.4 46.0 69.0
63 27.1 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: 63.35 ng

RT: 5.37 min Scan# 584

Delta R.T. -0.02 min

Lab File: BF094651.D

Acq: 26 Apr 2017 17:14

Instrument :

BNA_F

ClientSampled :

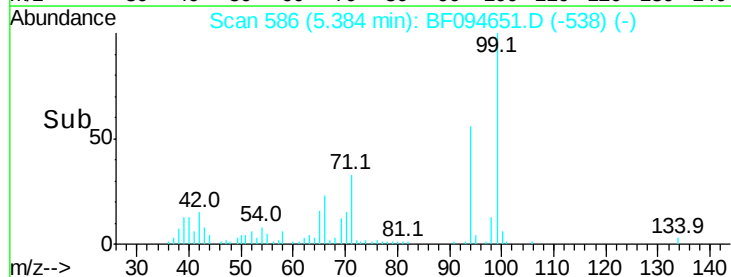
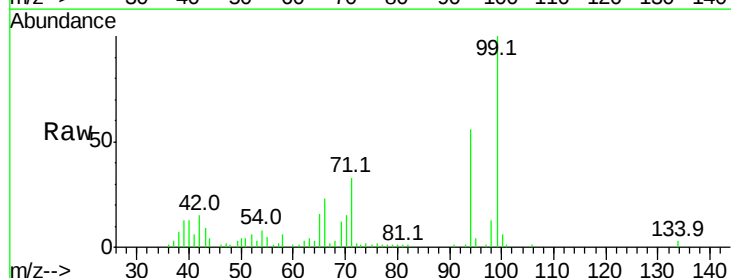
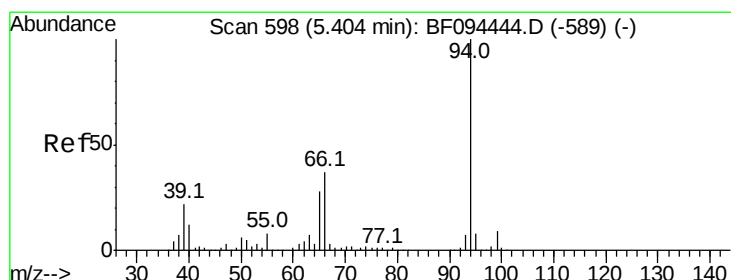
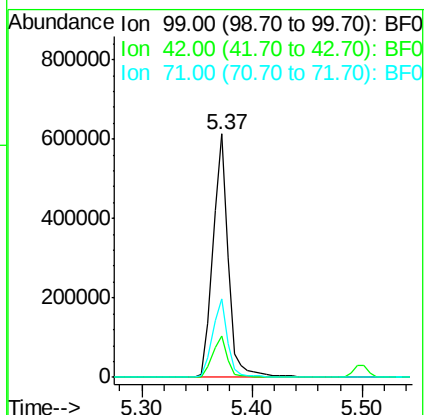
Tot Ion: 99 Resp: 580997

Ion Ratio Lower Upper

99 100

42 16.9 13.5 20.3

71 32.3 24.5 36.7



#10

Phenol

Concen: 2.78 ng

RT: 5.38 min Scan# 586

Delta R.T. -0.02 min

Lab File: BF094651.D

Acq: 26 Apr 2017 17:14

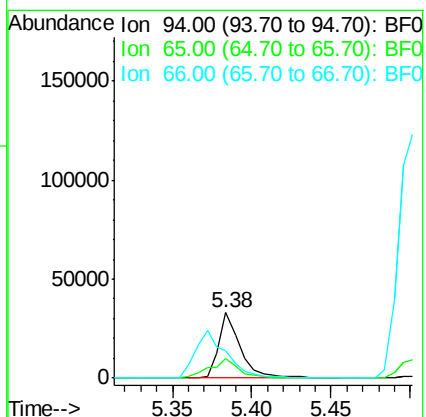
Tgt Ion: 94 Resp: 31319

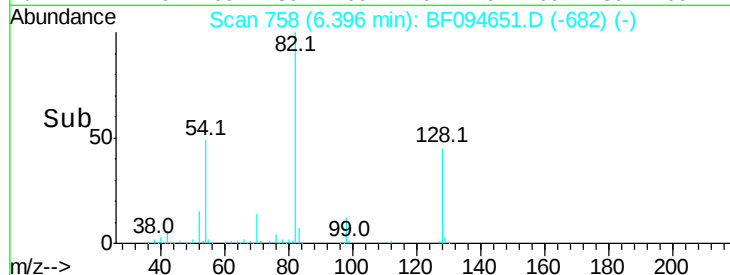
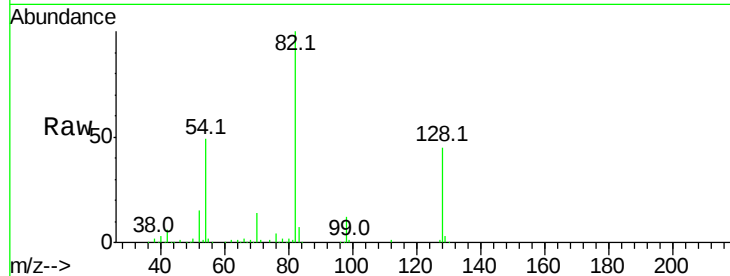
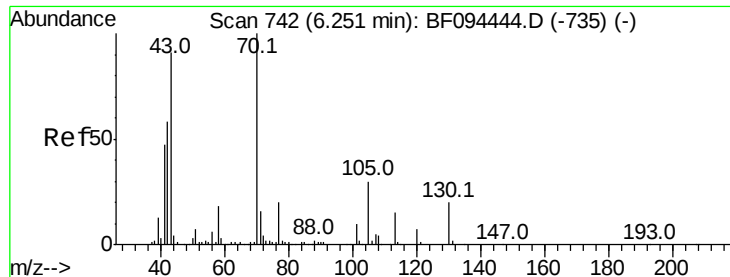
Ion Ratio Lower Upper

94 100

65 29.1 9.9 49.9

66 41.1 23.1 63.1

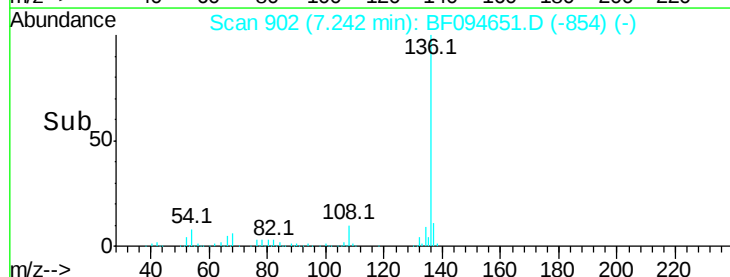
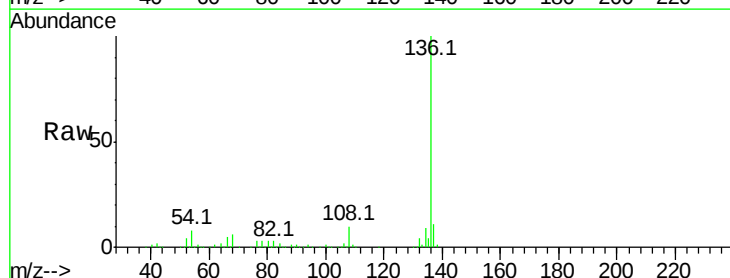
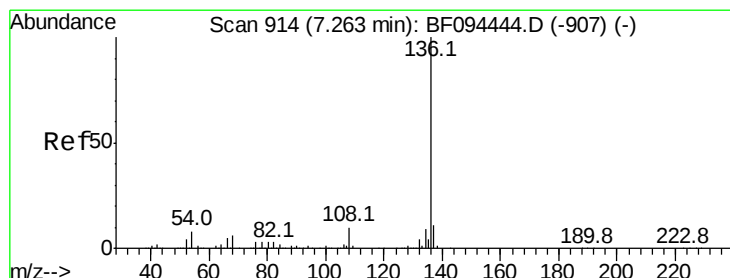
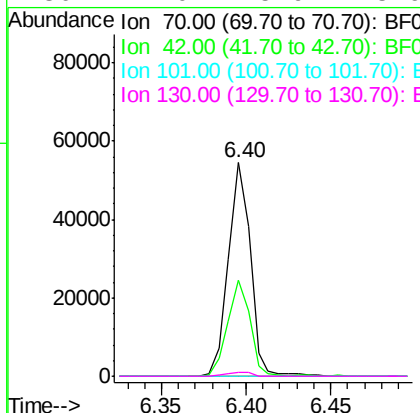




#19
n-Nitroso-di-n-propylamine
Concen: 8.16 ng
RT: 6.40 min Scan# 758
Delta R.T. 0.14 min
Lab File: BF094651.D
Acq: 26 Apr 2017 17:14

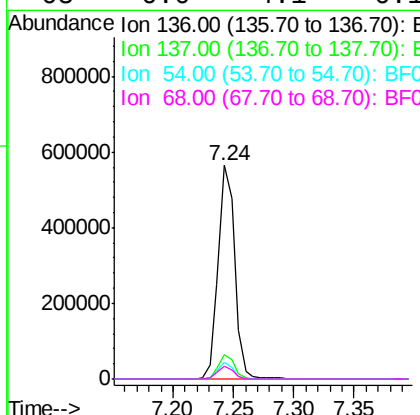
Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 49582
Ion Ratio Lower Upper
70 100
42 44.7 47.2 70.8#
101 0.0 7.2 10.8#
130 2.0 15.9 23.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.24 min Scan# 902
Delta R.T. -0.02 min
Lab File: BF094651.D
Acq: 26 Apr 2017 17:14

Tgt Ion:136 Resp: 534441
Ion Ratio Lower Upper
136 100
137 11.4 8.5 12.7
54 7.8 4.9 7.3#
68 6.0 4.1 6.1

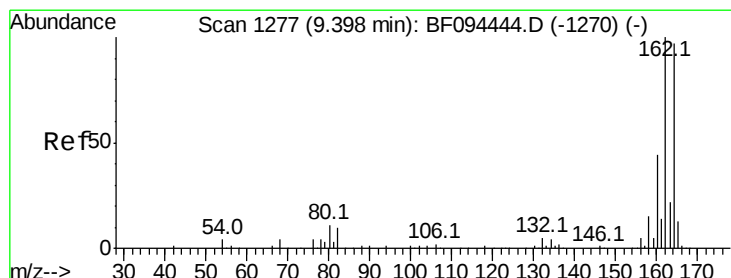
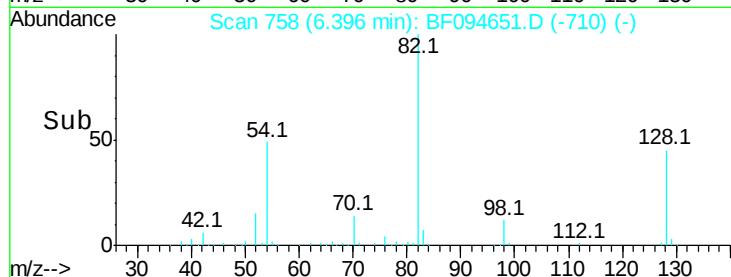
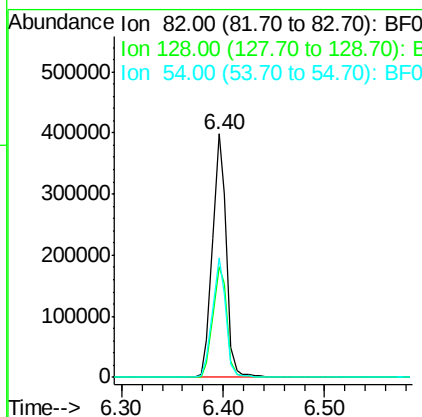
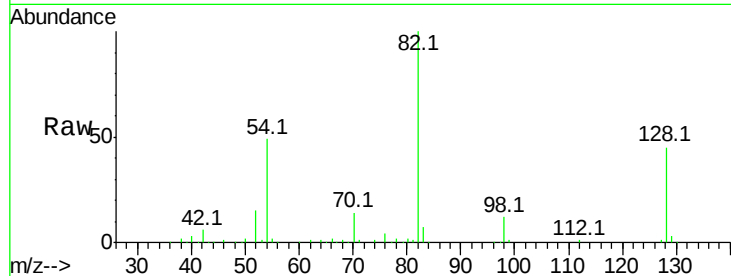




#23
 Nitrobenzene-d5
 Concen: 43.85 ng
 RT: 6.40 min Scan# 758
 Delta R.T. -0.02 min
 Lab File: BF094651.D
 Acq: 26 Apr 2017 17:14

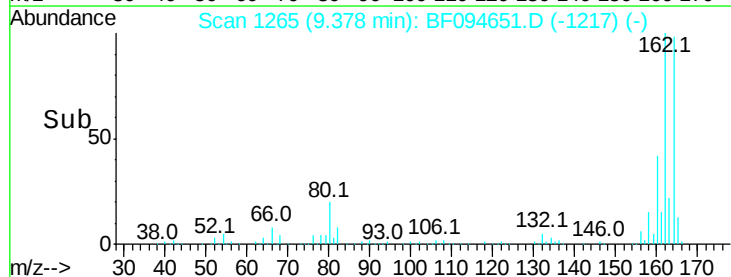
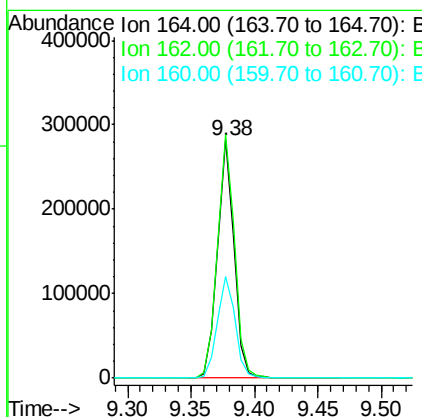
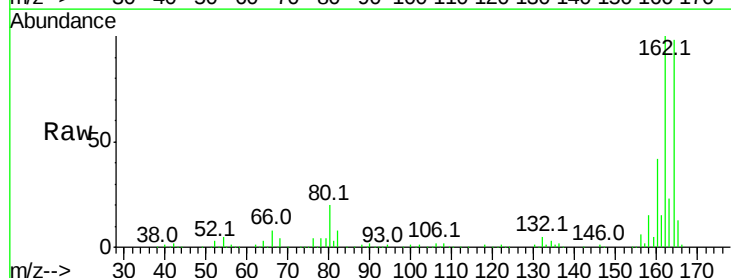
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 379505
 Ion Ratio Lower Upper
 82 100
 128 45.3 34.0 51.0
 54 49.0 42.2 63.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.38 min Scan# 1265
 Delta R.T. -0.02 min
 Lab File: BF094651.D
 Acq: 26 Apr 2017 17:14

Tgt Ion:164 Resp: 263152
 Ion Ratio Lower Upper
 164 100
 162 102.3 82.6 123.8
 160 42.9 36.2 54.2

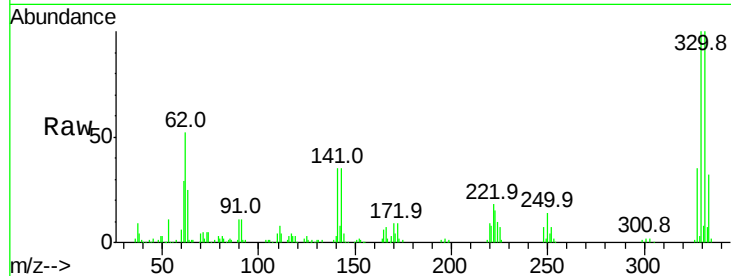




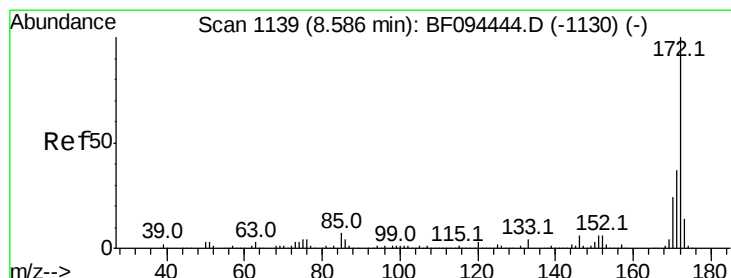
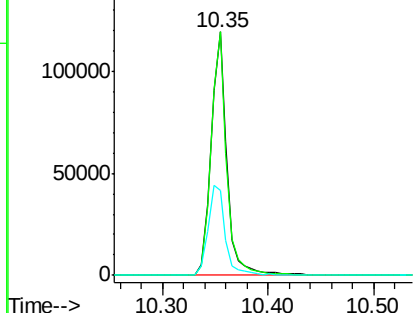
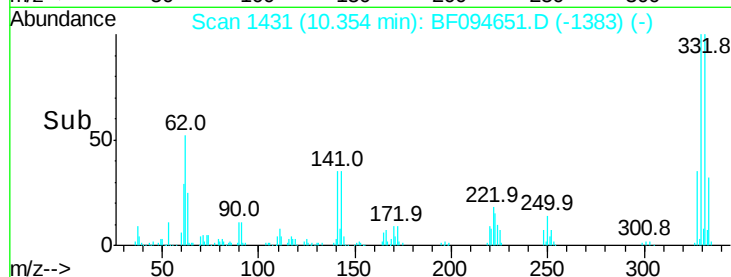
#41
 2,4,6-Tribromophenol
 Concen: 61.60 ng
 RT: 10.35 min Scan# 1431
 Delta R.T. -0.02 min
 Lab File: BF094651.D
 Acq: 26 Apr 2017 17:14

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.4	76.6	115.0
141	40.0	31.4	47.2

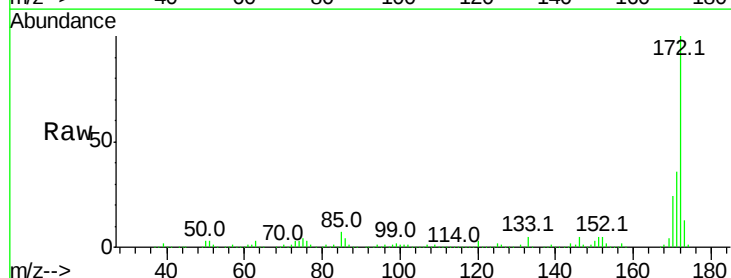


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

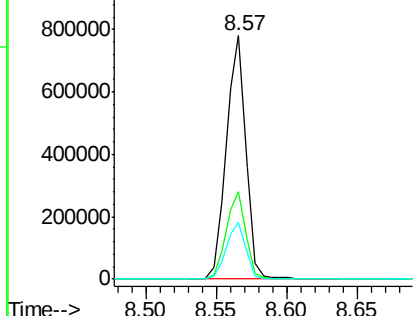
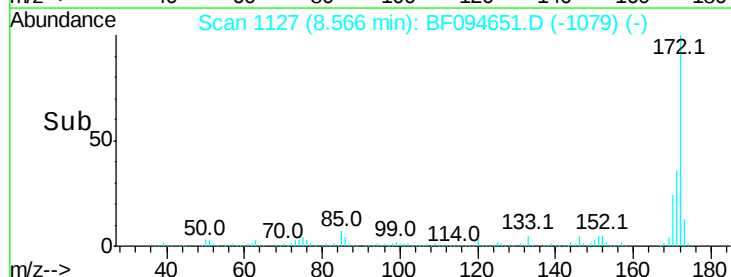


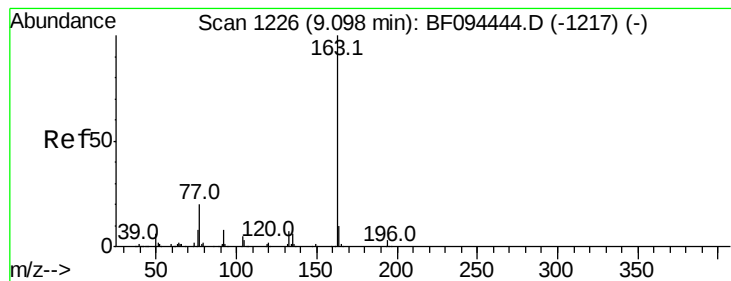
#44
 2-Fluorobiphenyl
 Concen: 41.85 ng
 RT: 8.57 min Scan# 1127
 Delta R.T. -0.02 min
 Lab File: BF094651.D
 Acq: 26 Apr 2017 17:14

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.6	44.4
170	23.5	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: 4.80 ng

RT: 9.07 min Scan# 1212

Delta R.T. -0.03 min

Lab File: BF094651.D

Acq: 26 Apr 2017 17:14

Instrument :

BNA_F

ClientSampleId :

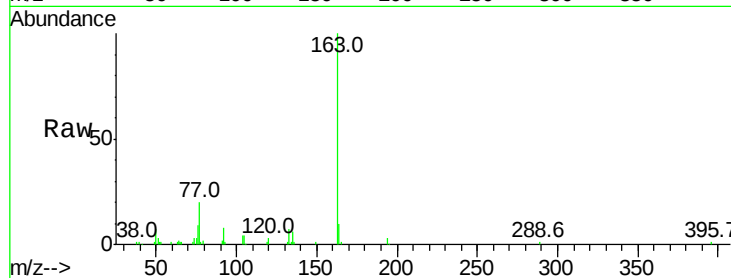
Tot Ion:163 Resp: 94100

Ion Ratio Lower Upper

163 100

194 3.3 2.6 4.0

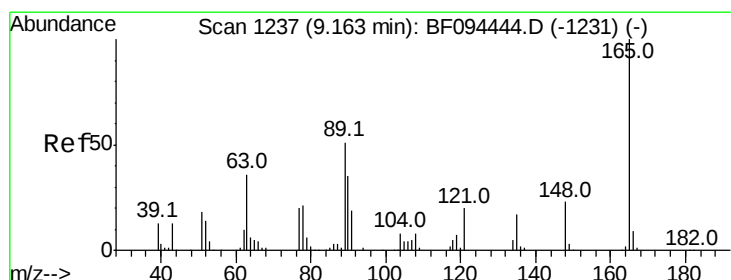
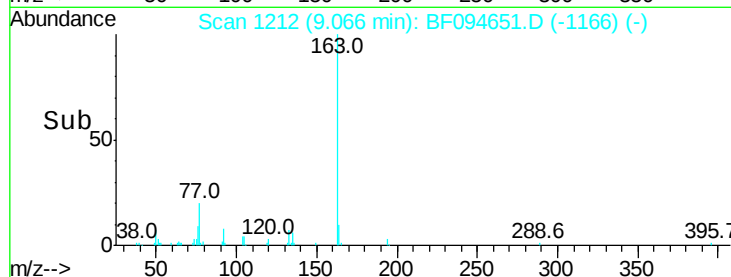
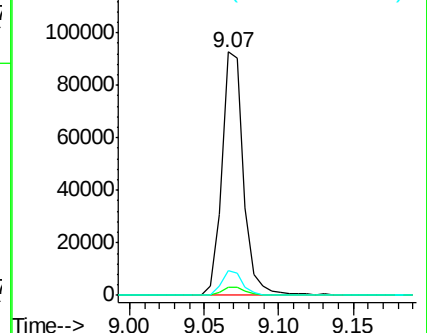
164 9.9 8.4 12.6



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



#50

2,6-Dinitrotoluene

Concen: 7.57 ng

RT: 9.38 min Scan# 1265

Delta R.T. 0.21 min

Lab File: BF094651.D

Acq: 26 Apr 2017 17:14

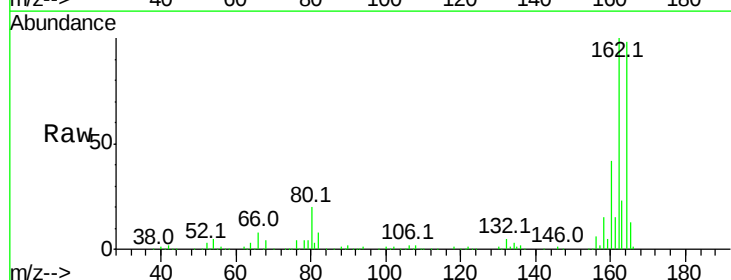
Tgt Ion:165 Resp: 33316

Ion Ratio Lower Upper

165 100

63 1.1 34.3 51.5#

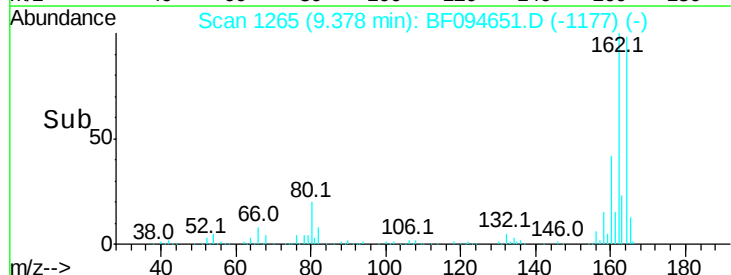
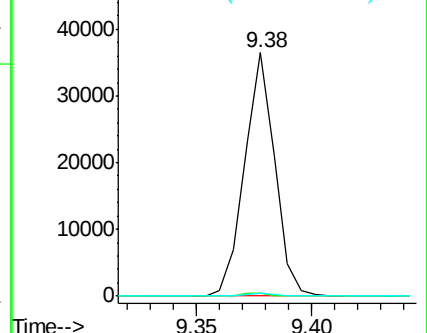
89 1.4 37.1 55.7#

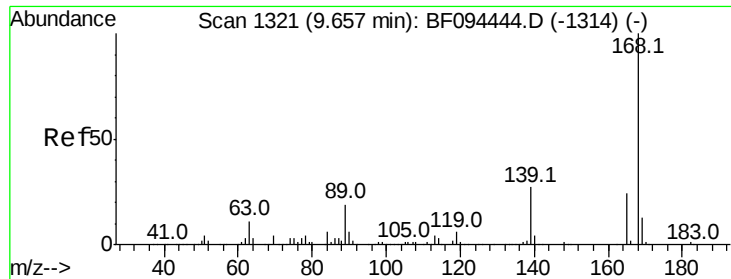


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

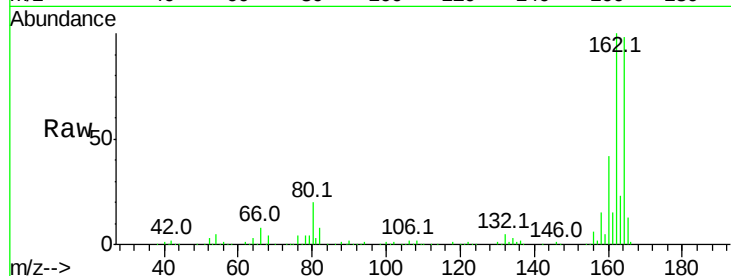




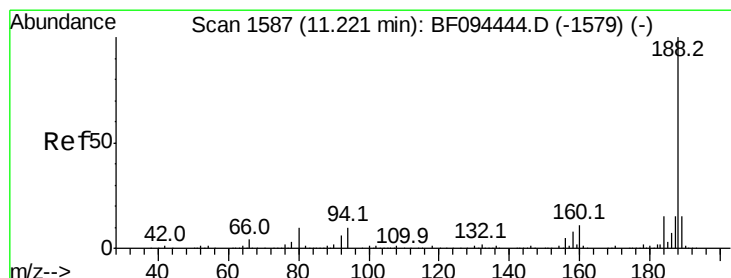
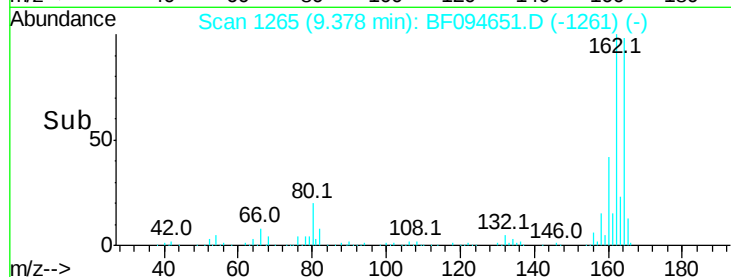
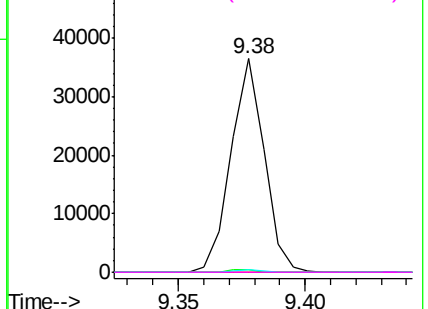
#56
 2,4-Dinitrotoluene
 Concen: 6.17 ng
 RT: 9.38 min Scan# 1265
 Delta R.T. -0.28 min
 Lab File: BF094651.D
 Acq: 26 Apr 2017 17:14

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 33316
 Ion Ratio Lower Upper
 165 100
 63 1.1 25.4 38.0#
 89 1.4 46.4 69.6#
 182 0.0 1.8 2.6#

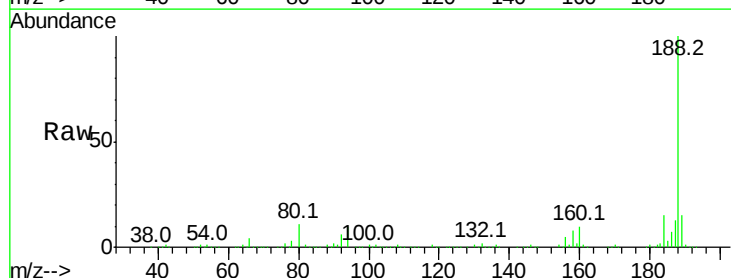


Abundance Ion 165.00 (164.70 to 165.70): E

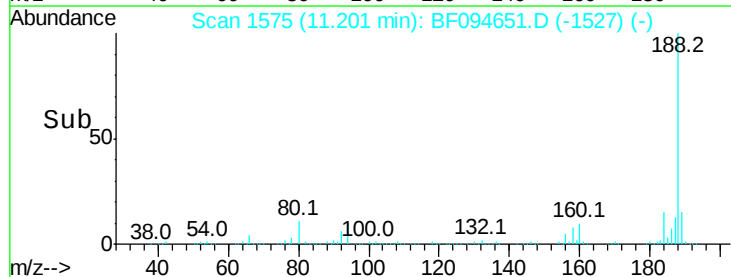
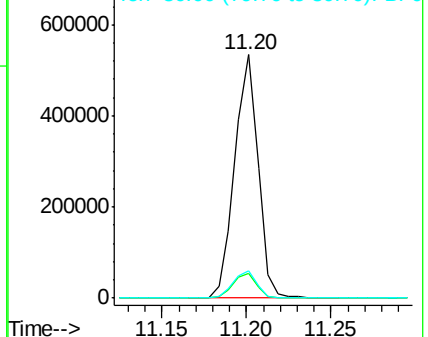


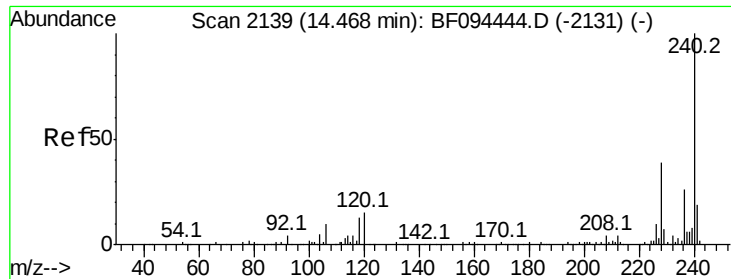
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.20 min Scan# 1575
 Delta R.T. -0.02 min
 Lab File: BF094651.D
 Acq: 26 Apr 2017 17:14

Tgt Ion:188 Resp: 514398
 Ion Ratio Lower Upper
 188 100
 94 10.4 9.4 14.2
 80 11.2 10.2 15.2



Abundance Ion 188.00 (187.70 to 188.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.45 min Scan# 2128

Delta R.T. -0.01 min

Lab File: BF094651.D

Acq: 26 Apr 2017 17:14

Instrument :

BNA_F

ClientSampleId :

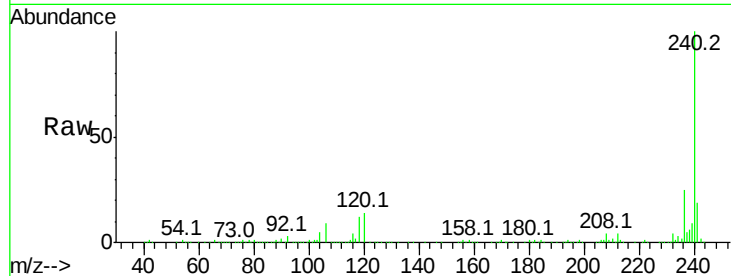
Tot Ion:240 Resp: 431453

Ion Ratio Lower Upper

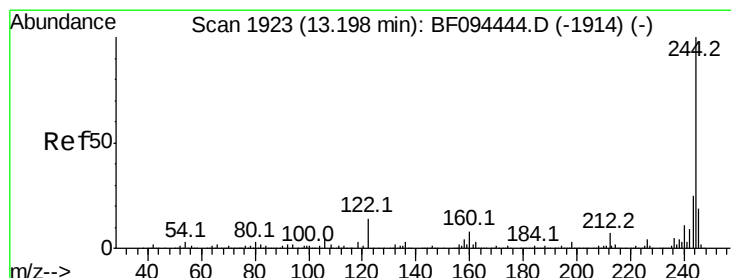
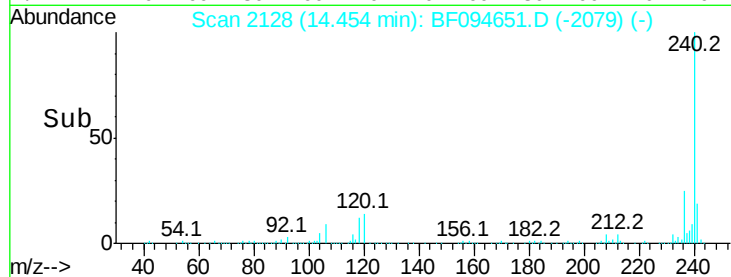
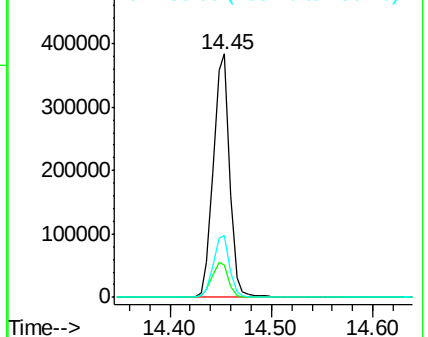
240 100

120 13.6 5.8 8.8#

236 25.4 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: 40.67 ng

RT: 13.18 min Scan# 1911

Delta R.T. -0.02 min

Lab File: BF094651.D

Acq: 26 Apr 2017 17:14

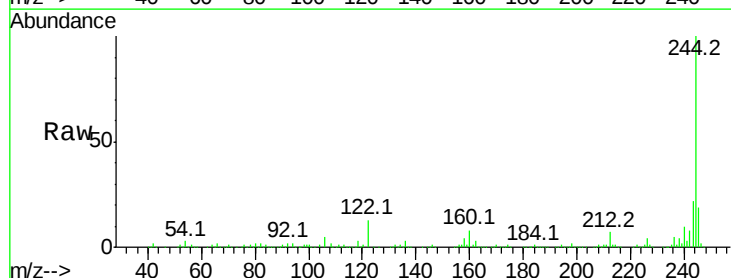
Tgt Ion:244 Resp: 656532

Ion Ratio Lower Upper

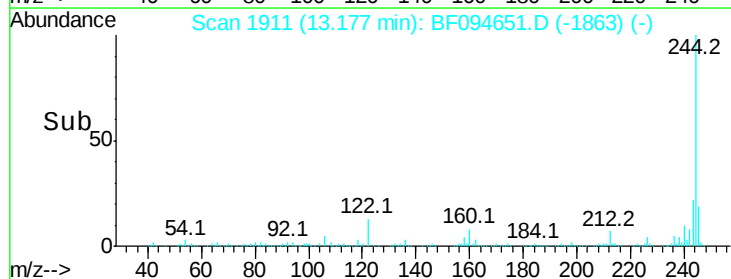
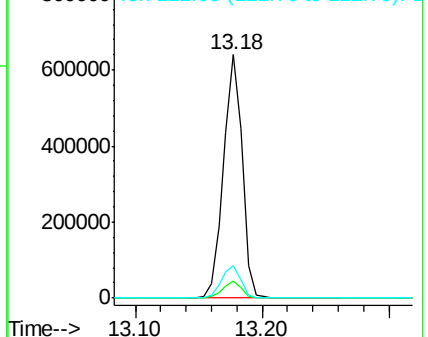
244 100

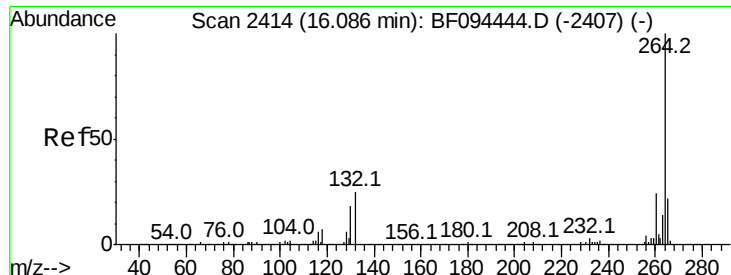
212 6.8 6.0 9.0

122 13.3 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

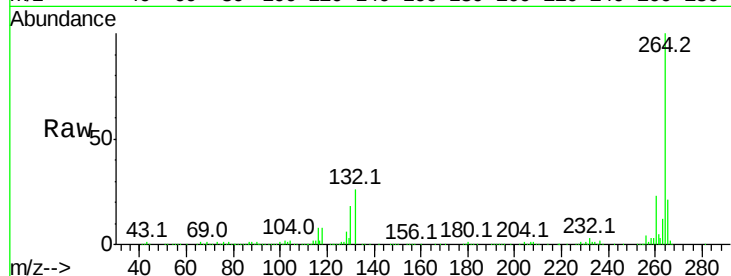




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 16.08 min Scan# 2404
 Delta R.T. -0.01 min
 Lab File: BF094651.D
 Acq: 26 Apr 2017 17:14

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:264 Resp: 322571
 Ion Ratio Lower Upper
 264 100
 260 22.8 19.5 29.3
 265 21.1 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

