

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040317\
 Data File : BF094127.D
 Acq On : 3 Apr 2017 18:10
 Operator : SJ/MA
 Sample : I2490-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 IM-TS-EME-06

Quant Time: Apr 04 01:05:12 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 31 14:38:29 2017
 Response via : Initial Calibration

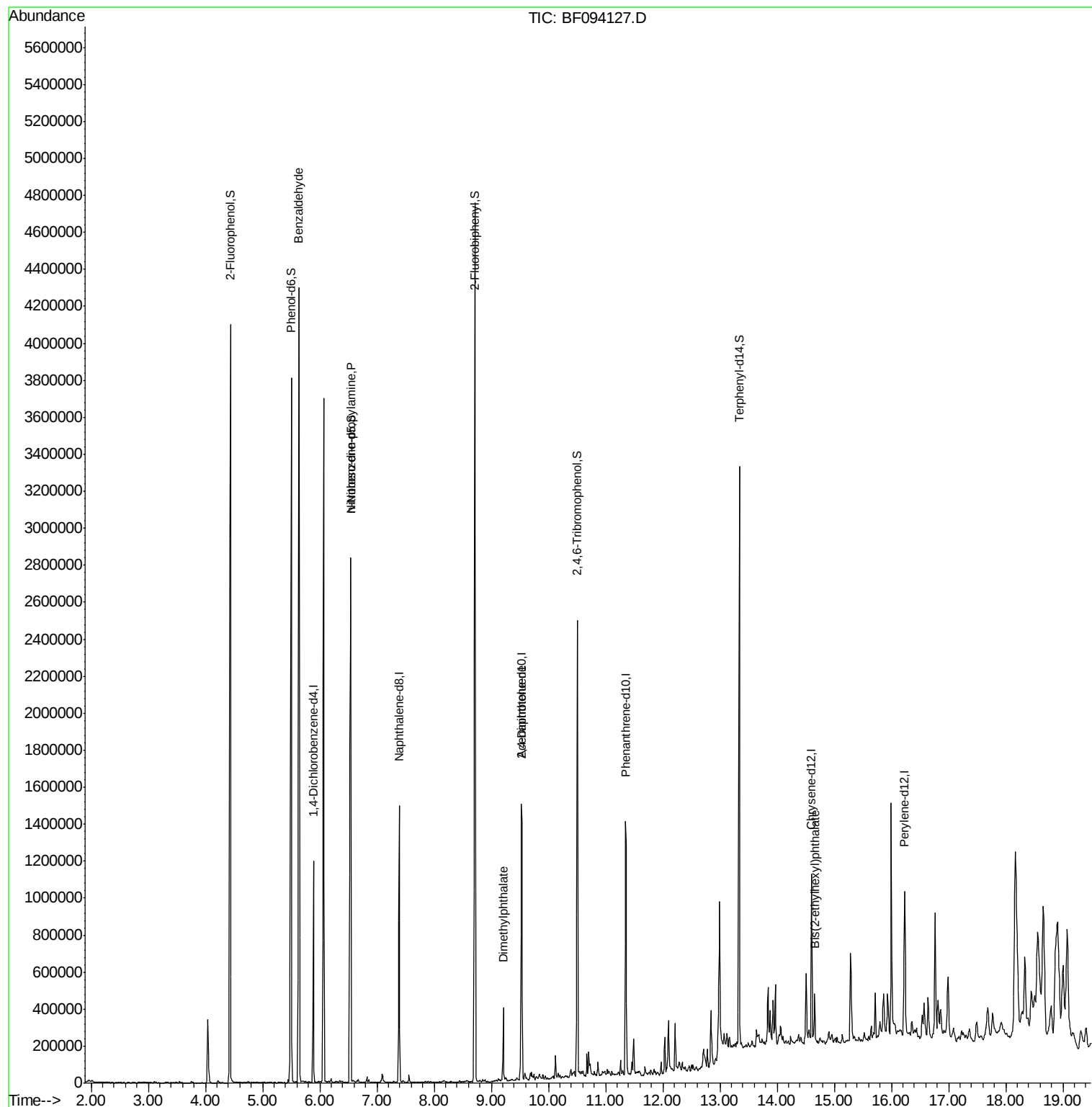
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.89	152	187599	20.00	ng	-0.02
21) Naphthalene-d8	7.39	136	759778	20.00	ng	-0.02
38) Acenaphthene-d10	9.53	164	337623	20.00	ng	-0.02
63) Phenanthrene-d10	11.35	188	548210	20.00	ng	-0.02
75) Chrysene-d12	14.60	240	345413	20.00	ng	-0.02
86) Perylene-d12	16.24	264	305912	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	4.43	112	1466031	131.99	ng	0.00
7) Phenol-d6	5.50	99	1897656	138.11	ng	-0.01
23) Nitrobenzene-d5	6.54	82	1191409	89.49	ng	-0.02
41) 2,4,6-Tribromophenol	10.51	330	362525	135.88	ng	-0.01
44) 2-Fluorobiphenyl	8.72	172	1909595	86.27	ng	-0.02
78) Terphenyl-d14	13.34	244	1165788	75.65	ng	-0.01
Target Compounds						
9) Benzaldehyde	5.64	77	31949	3.44	ng	Qvalue 82
19) n-Nitroso-di-n-propylamine	6.54	70	160243	18.15	ng	# 77
49) Dimethylphthalate	9.21	163	171443	7.14	ng	99
56) 2,4-Dinitrotoluene	9.53	165	43478	6.29	ng	# 33
83) Bis(2-ethylhexyl)phthalate	14.66	149	79272	5.44	ng	# 99

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

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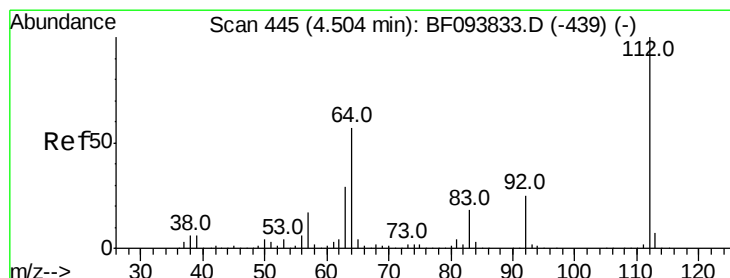
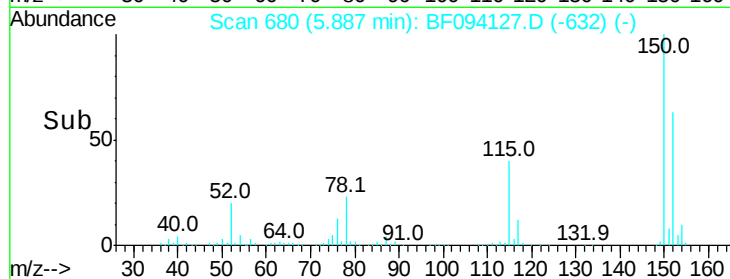
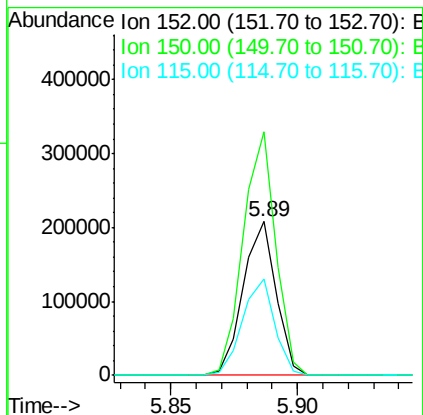
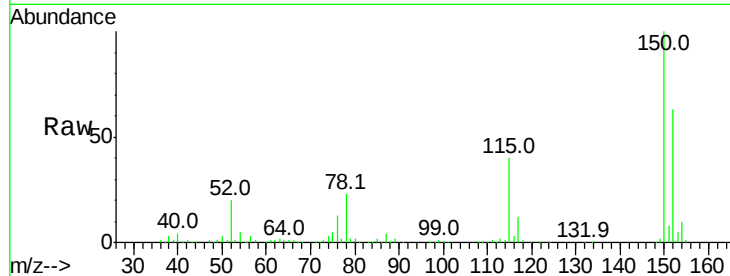


#1

1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 5.89 min Scan# 680
 Delta R.T. -0.02 min
 Lab File: BF094127.D
 Acq: 3 Apr 2017 18:10

Instrument :
 BNA_F
 ClientSampleId :
 IM-TS-EME-06

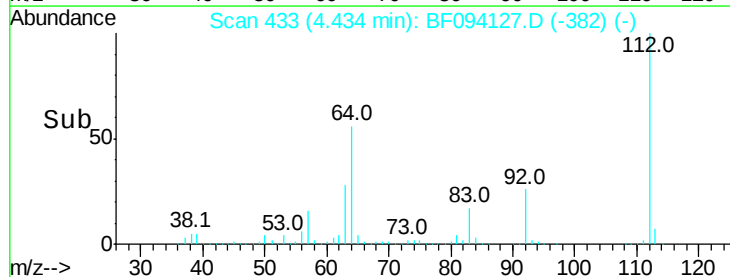
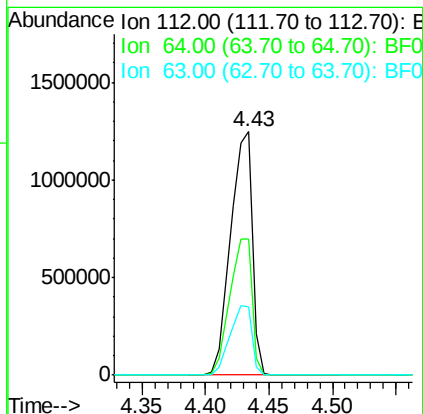
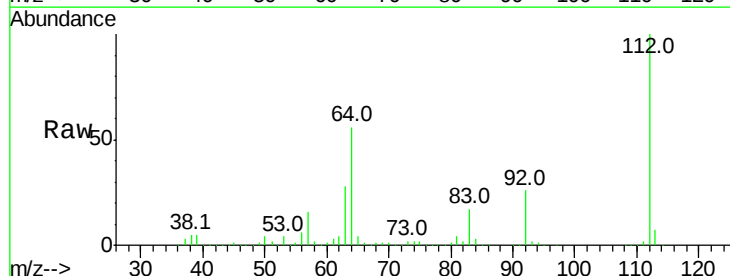
Tot Ion:152 Resp: 187599
 Ion Ratio Lower Upper
 152 100
 150 158.2 126.2 189.2
 115 62.6 52.2 78.2



#5

2-Fluorophenol
 Concen: 131.99 ng
 RT: 4.43 min Scan# 433
 Delta R.T. -0.00 min
 Lab File: BF094127.D
 Acq: 3 Apr 2017 18:10

Tgt Ion:112 Resp: 1466031
 Ion Ratio Lower Upper
 112 100
 64 55.7 46.0 69.0
 63 27.8 23.4 35.0





#7

Phenol-d6

Concen: 138.11 ng

RT: 5.50 min Scan# 614

Delta R.T. -0.01 min

Lab File: BF094127.D

Acq: 3 Apr 2017 18:10

Instrument :

BNA_F

ClientSampleId :

IM-TS-EME-06

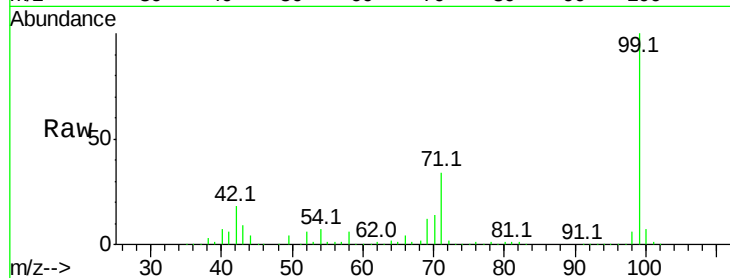
Tot Ion: 99 Resp: 1897656

Ion Ratio Lower Upper

99 100

42 17.9 13.5 20.3

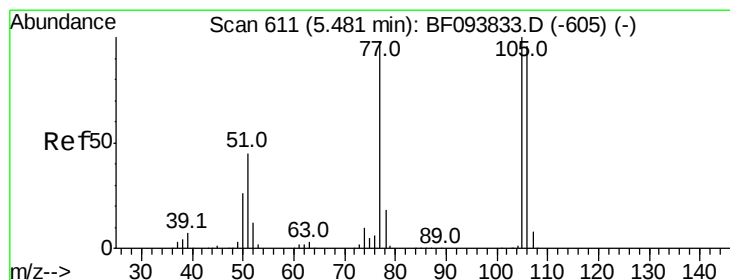
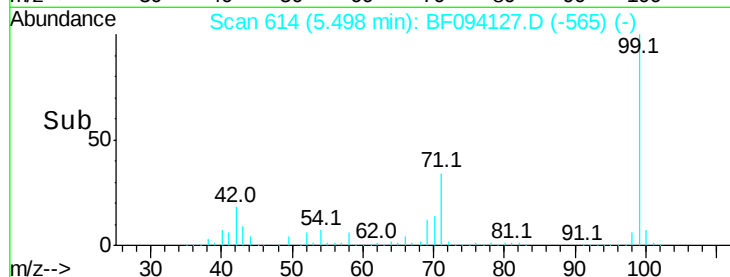
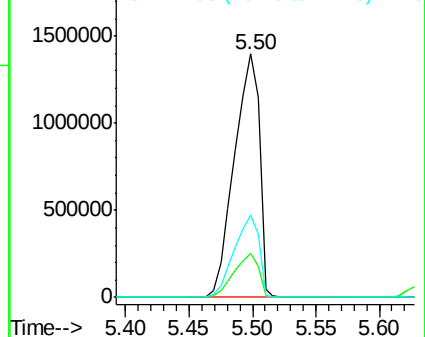
71 33.8 24.5 36.7



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



#9

Benzaldehyde

Concen: 3.44 ng

RT: 5.64 min Scan# 638

Delta R.T. 0.24 min

Lab File: BF094127.D

Acq: 3 Apr 2017 18:10

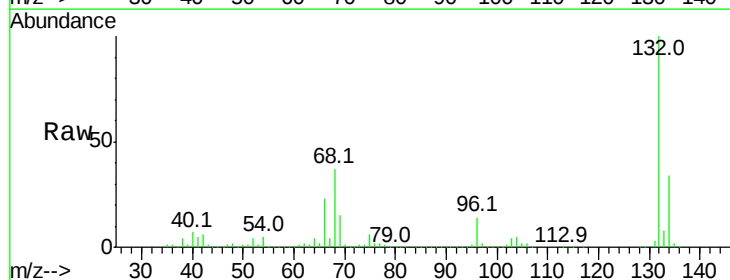
Tgt Ion: 77 Resp: 31949

Ion Ratio Lower Upper

77 100

105 84.7 83.8 123.8

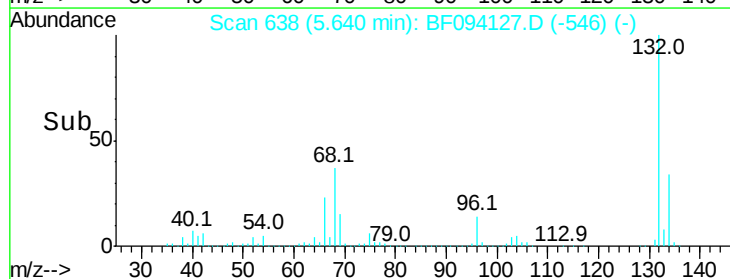
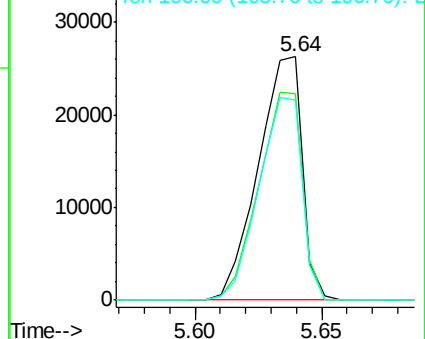
106 82.4 79.1 119.1



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 18.15 ng

RT: 6.54 min Scan# 791

Delta R.T. 0.15 min

Lab File: BF094127.D

Acq: 3 Apr 2017 18:10

Instrument :

BNA_F

ClientSampleId :

IM-TS-EME-06

Tot Ion: 70 Resp: 160243

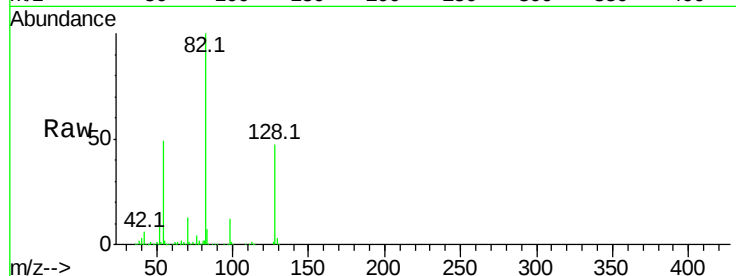
Ion Ratio Lower Upper

70 100

42 46.1 47.2 70.8#

101 0.0 7.2 10.8#

130 2.1 15.9 23.9#

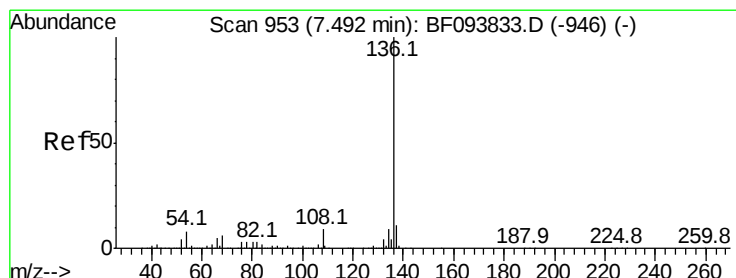
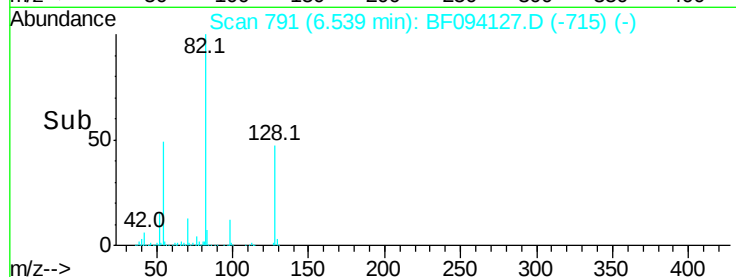
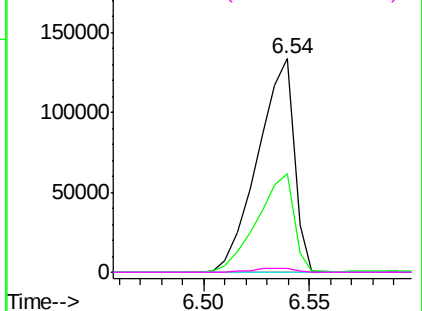


Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 7.39 min Scan# 935

Delta R.T. -0.02 min

Lab File: BF094127.D

Acq: 3 Apr 2017 18:10

Tgt Ion: 136 Resp: 759778

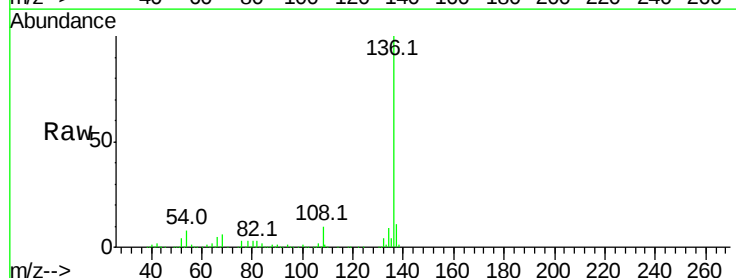
Ion Ratio Lower Upper

136 100

137 11.4 8.5 12.7

54 7.6 4.9 7.3#

68 6.3 4.1 6.1#

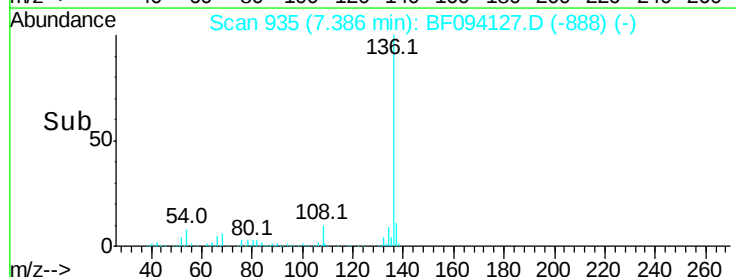
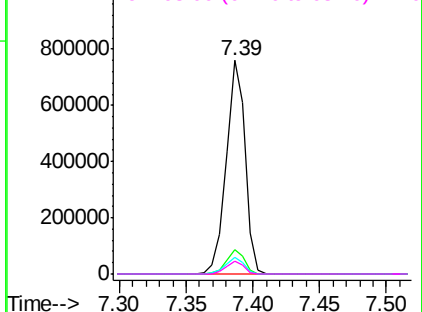


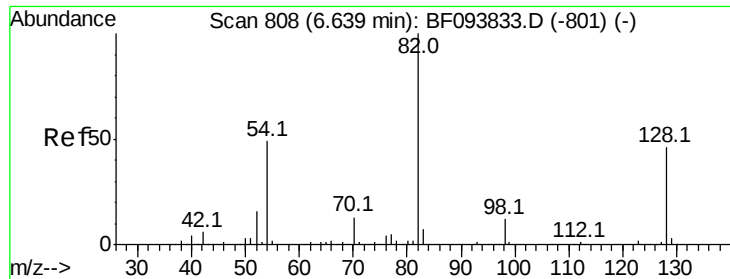
Abundance Ion 136.00 (135.70 to 136.70): BF0

Ion 137.00 (136.70 to 137.70): BF0

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



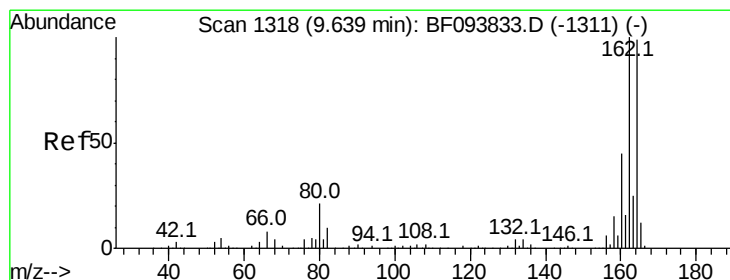
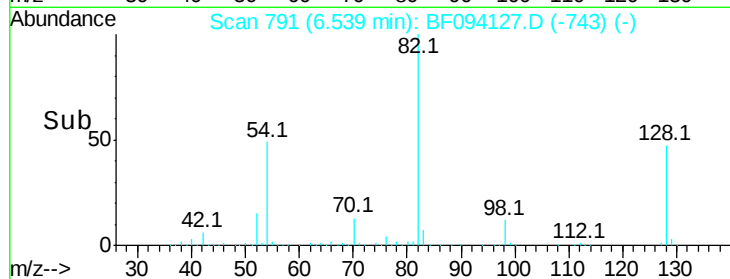
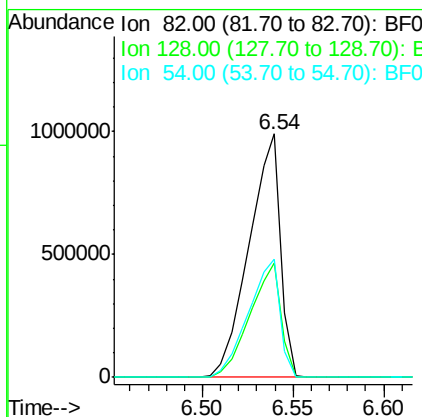
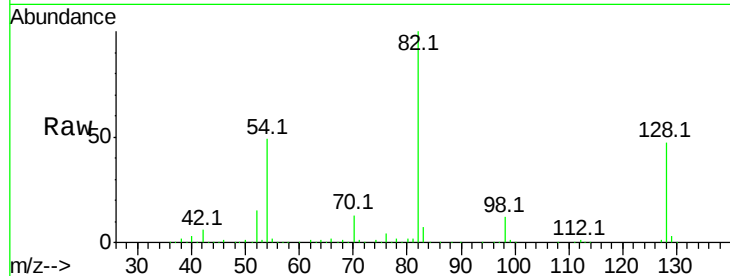


#23
 Nitrobenzene-d5
 Concen: 89.49 ng
 RT: 6.54 min Scan# 791
 Delta R.T. -0.02 min
 Lab File: BF094127.D
 Acq: 3 Apr 2017 18:10

Instrument :
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 ClientSampleId :
 IM-TS-EME-06

Tot Ion: 82 Resp: 1191409

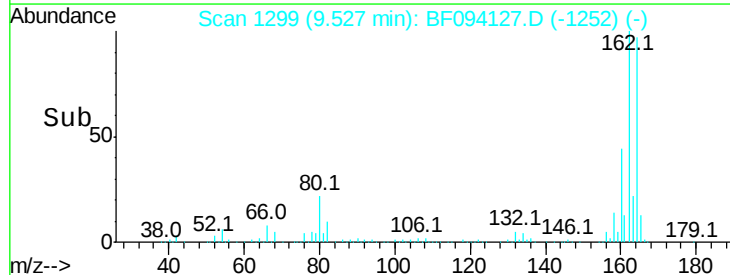
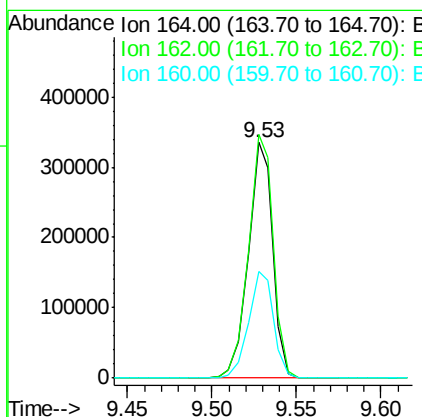
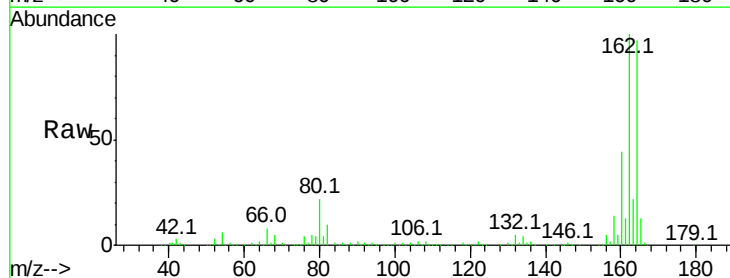
Ion	Ratio	Lower	Upper
82	100		
128	47.1	34.0	51.0
54	48.6	42.2	63.2

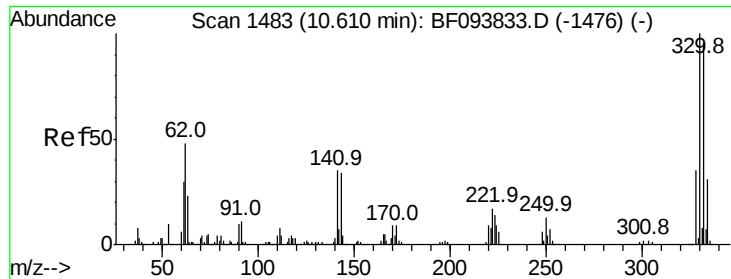


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.53 min Scan# 1299
 Delta R.T. -0.02 min
 Lab File: BF094127.D
 Acq: 3 Apr 2017 18:10

Tgt Ion:164 Resp: 337623

Ion	Ratio	Lower	Upper
164	100		
162	103.3	82.6	123.8
160	45.2	36.2	54.2

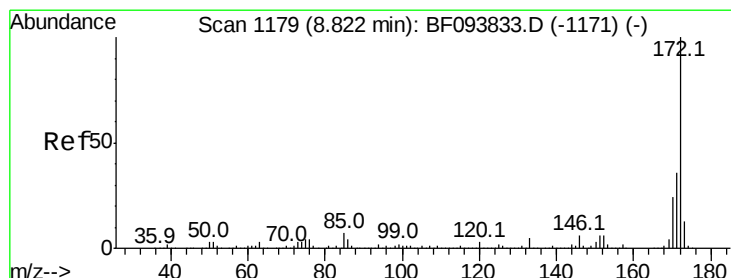
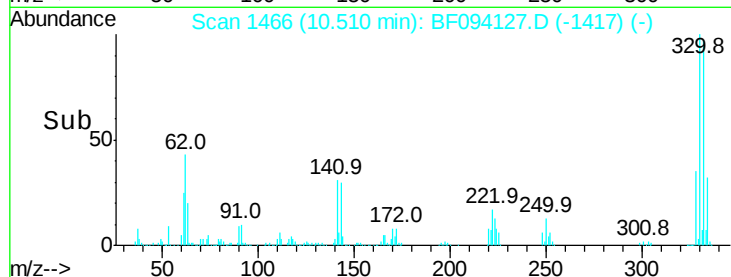
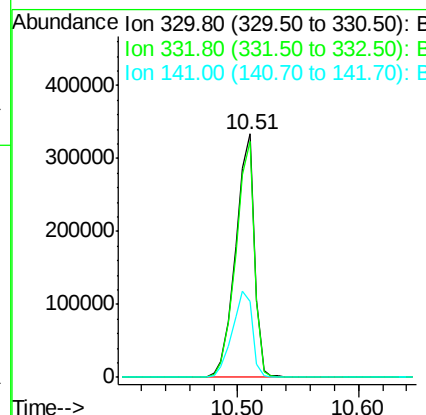
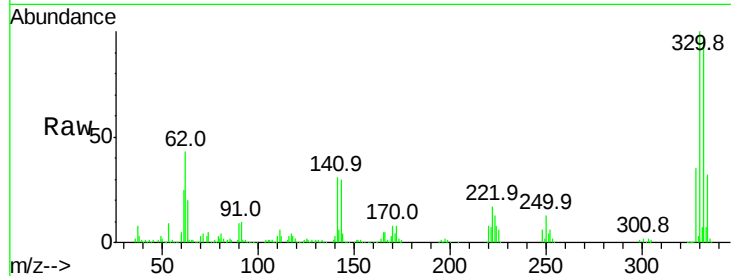




#41
 2,4,6-Tribromophenol
 Concen: 135.88 ng
 RT: 10.51 min Scan# 1466
 Delta R.T. -0.01 min
 Lab File: BF094127.D
 Acq: 3 Apr 2017 18:10

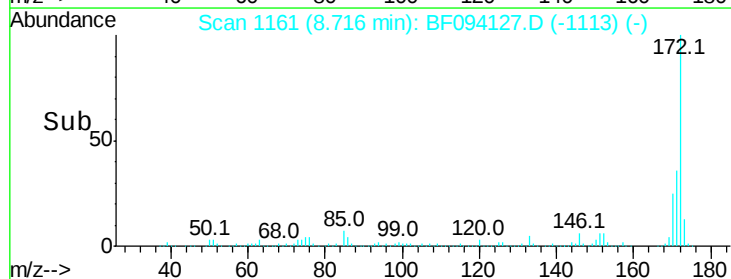
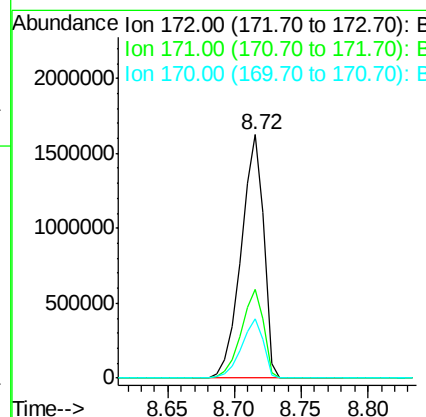
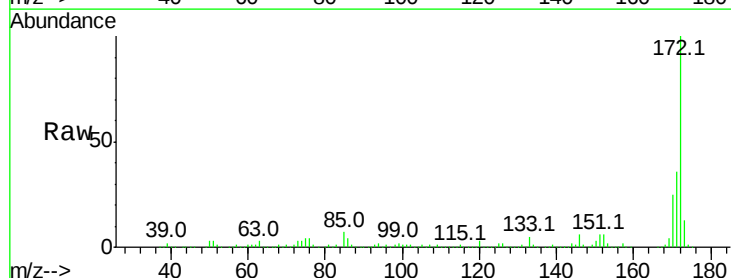
Instrument :
 BNA_F
 ClientSampleId :
 IM-TS-EME-06

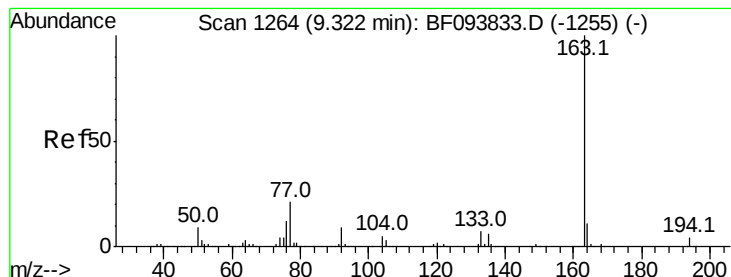
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	76.6	115.0
141	38.0	31.4	47.2



#44
 2-Fluorobiphenyl
 Concen: 86.27 ng
 RT: 8.72 min Scan# 1161
 Delta R.T. -0.02 min
 Lab File: BF094127.D
 Acq: 3 Apr 2017 18:10

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.6	44.4
170	24.5	19.8	29.8





#49

Dimethylphthalate

Concen: 7.14 ng

RT: 9.21 min Scan# 1245

Delta R.T. -0.04 min

Lab File: BF094127.D

Acq: 3 Apr 2017 18:10

Instrument :

BNA_F

ClientSampleId :

IM-TS-EME-06

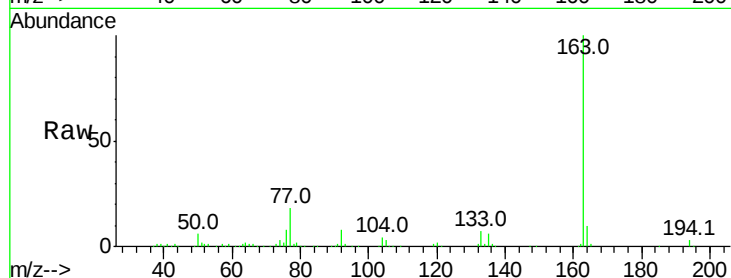
Tot Ion:163 Resp: 171443

Ion Ratio Lower Upper

163 100

194 3.5 2.6 4.0

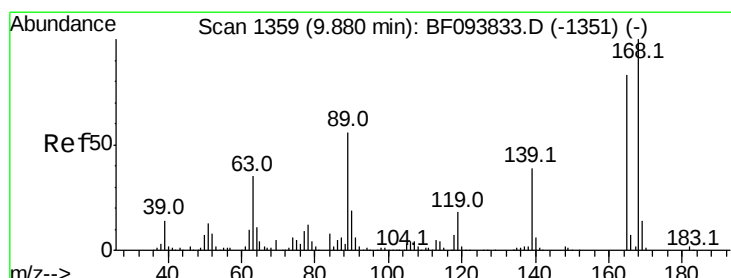
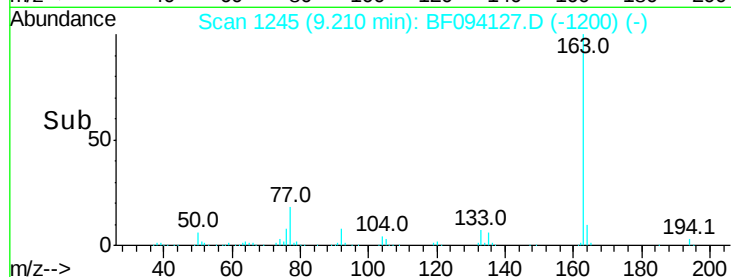
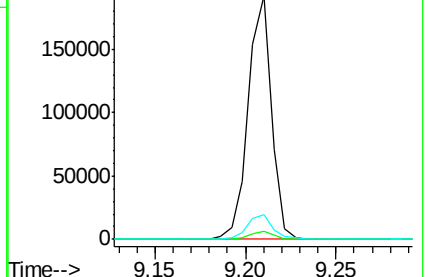
164 10.1 8.4 12.6



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: 6.29 ng

RT: 9.53 min Scan# 1299

Delta R.T. -0.27 min

Lab File: BF094127.D

Acq: 3 Apr 2017 18:10

Tgt Ion:165 Resp: 43478

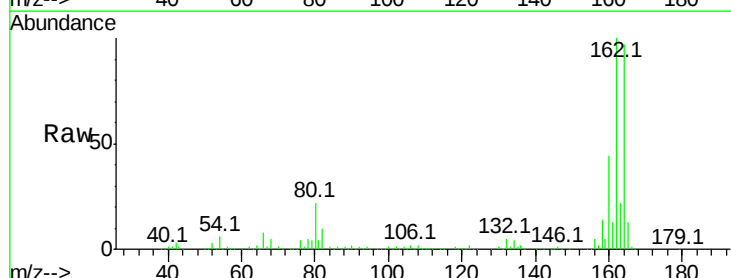
Ion Ratio Lower Upper

165 100

63 1.4 25.4 38.0#

89 1.4 46.4 69.6#

182 0.0 1.8 2.6#

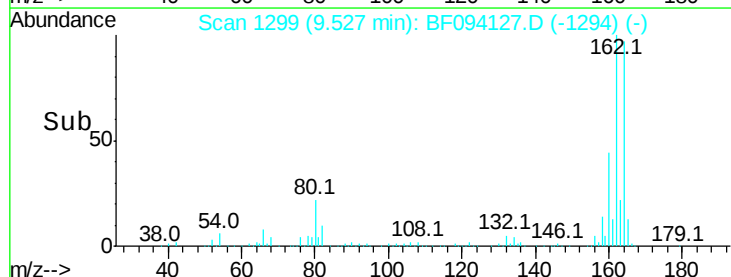
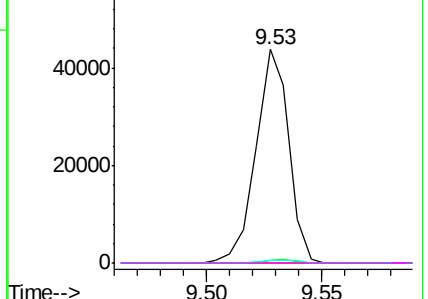


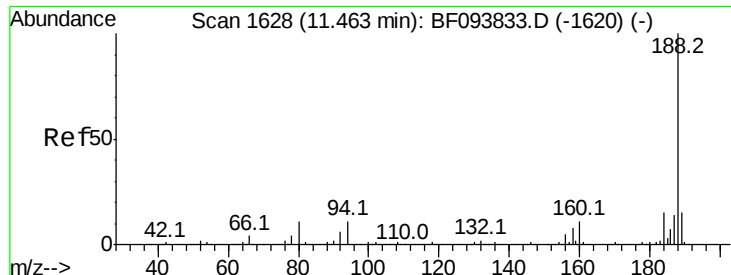
Abundance Ion 165.00 (164.70 to 165.70): E

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

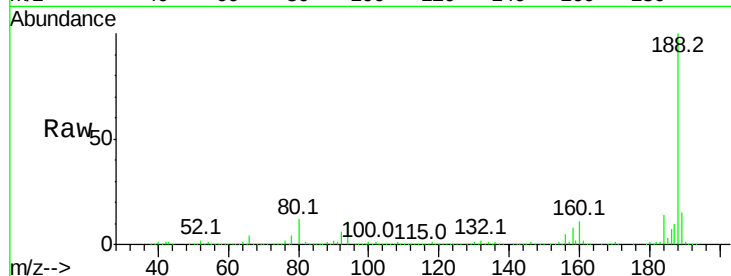




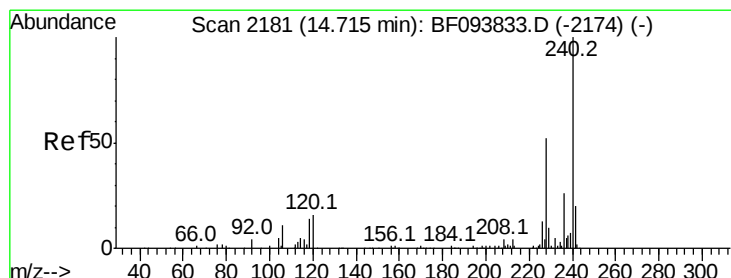
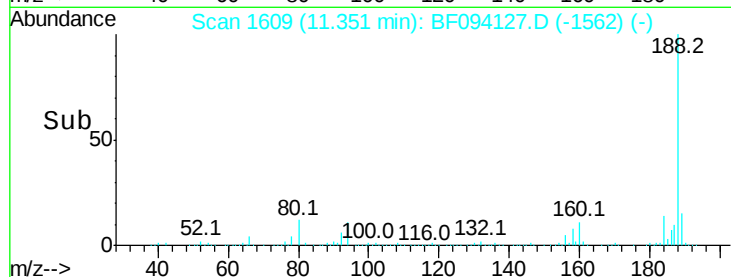
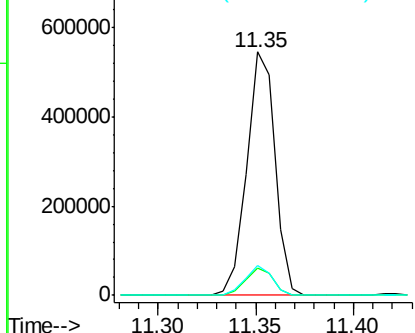
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.35 min Scan# 1609
Delta R.T. -0.02 min
Lab File: BF094127.D
Acq: 3 Apr 2017 18:10

Instrument :
BNA_F
ClientSampleId :
IM-TS-EME-06

Tot Ion:188 Resp: 548210
Ion Ratio Lower Upper
188 100
94 11.1 9.4 14.2
80 12.2 10.2 15.2

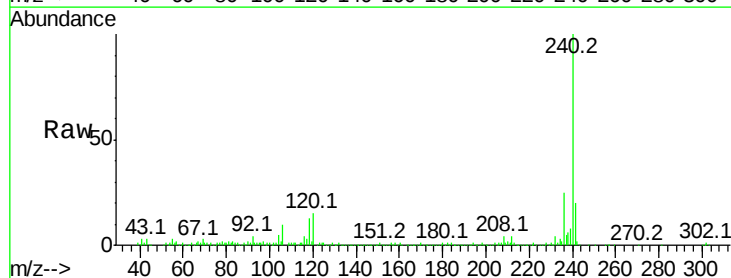


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

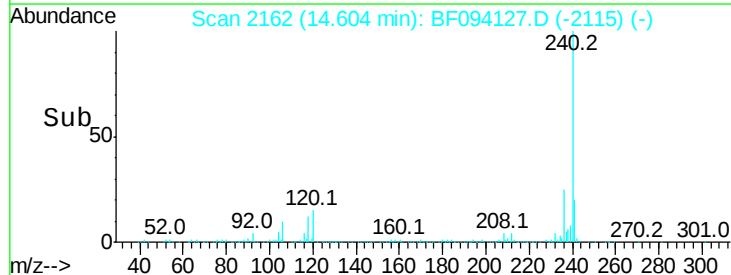
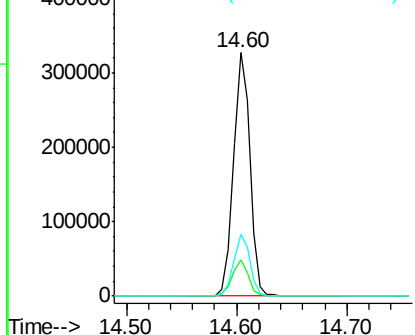


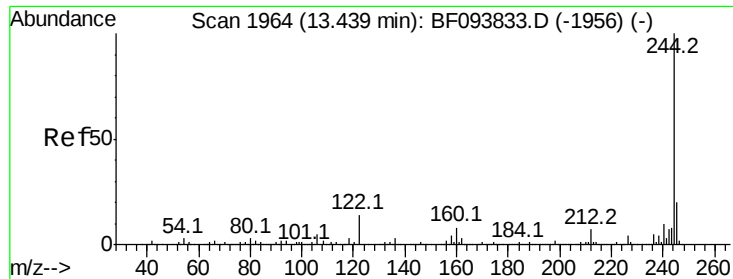
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.60 min Scan# 2162
Delta R.T. -0.02 min
Lab File: BF094127.D
Acq: 3 Apr 2017 18:10

Tgt Ion:240 Resp: 345413
Ion Ratio Lower Upper
240 100
120 15.0 5.8 8.8#
236 25.2 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: 75.65 ng

RT: 13.34 min Scan# 1947

Delta R.T. -0.01 min

Lab File: BF094127.D

Acq: 3 Apr 2017 18:10

Instrument :

BNA_F

ClientSampleId :

IM-TS-EME-06

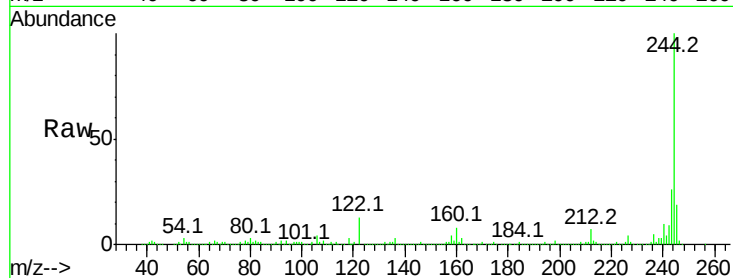
Tot Ion:244 Resp: 1165788

Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

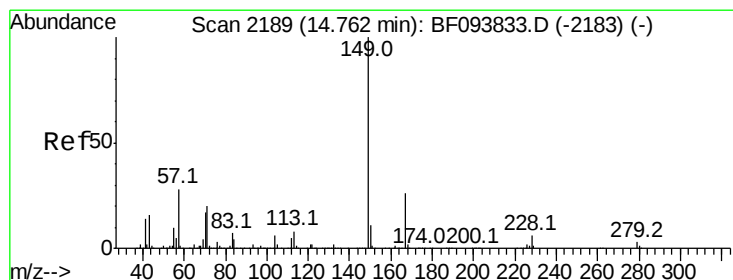
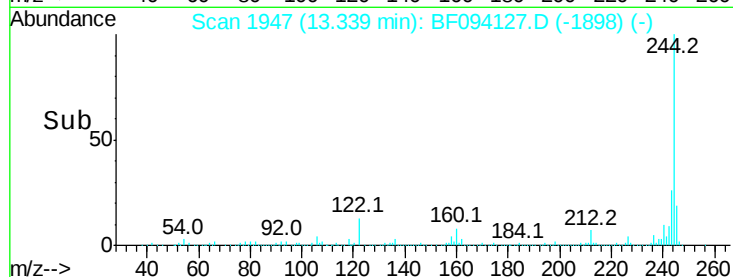
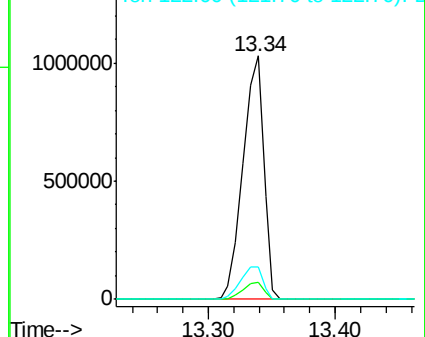
122 13.1 10.3 15.5



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



#83

Bis(2-ethylhexyl)phthalate

Concen: 5.44 ng

RT: 14.66 min Scan# 2172

Delta R.T. -0.01 min

Lab File: BF094127.D

Acq: 3 Apr 2017 18:10

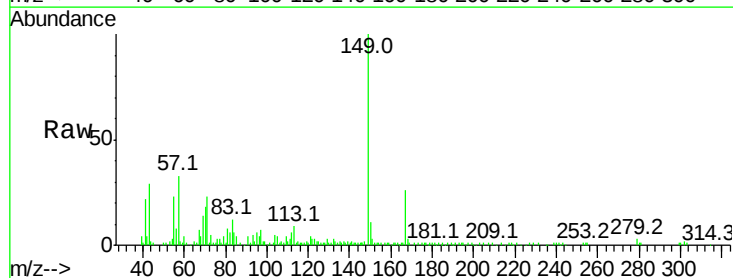
Tgt Ion:149 Resp: 79272

Ion Ratio Lower Upper

149 100

167 25.6 21.0 31.4

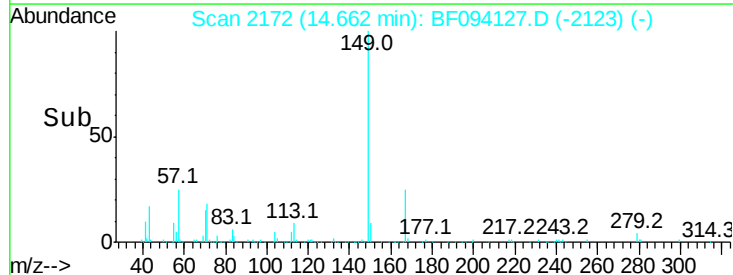
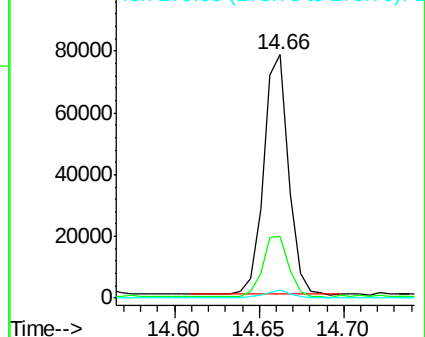
279 3.5 1.9 2.9#

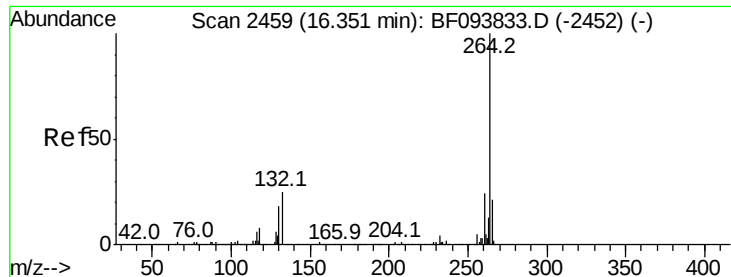


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

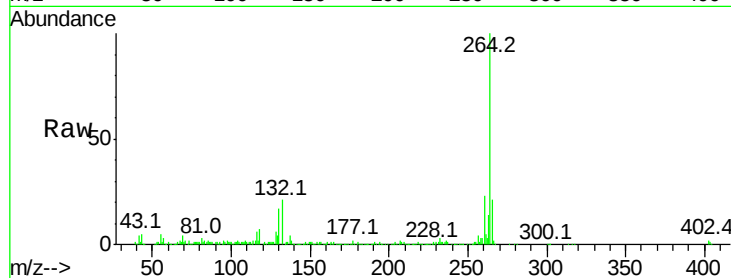




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 16.24 min Scan# 2440
 Delta R.T. -0.01 min
 Lab File: BF094127.D
 Acq: 3 Apr 2017 18:10

Instrument :
 BNA_F
 ClientSampleId :
 IM-TS-EME-06

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.5	29.3
265	21.3	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

