

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041017\
 Data File : BF094350.D
 Acq On : 11 Apr 2017 10:35
 Operator : SJ/MA
 Sample : I2595-01DL 5X
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 11 11:39:32 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 06 13:20:29 2017
 Response via : Initial Calibration

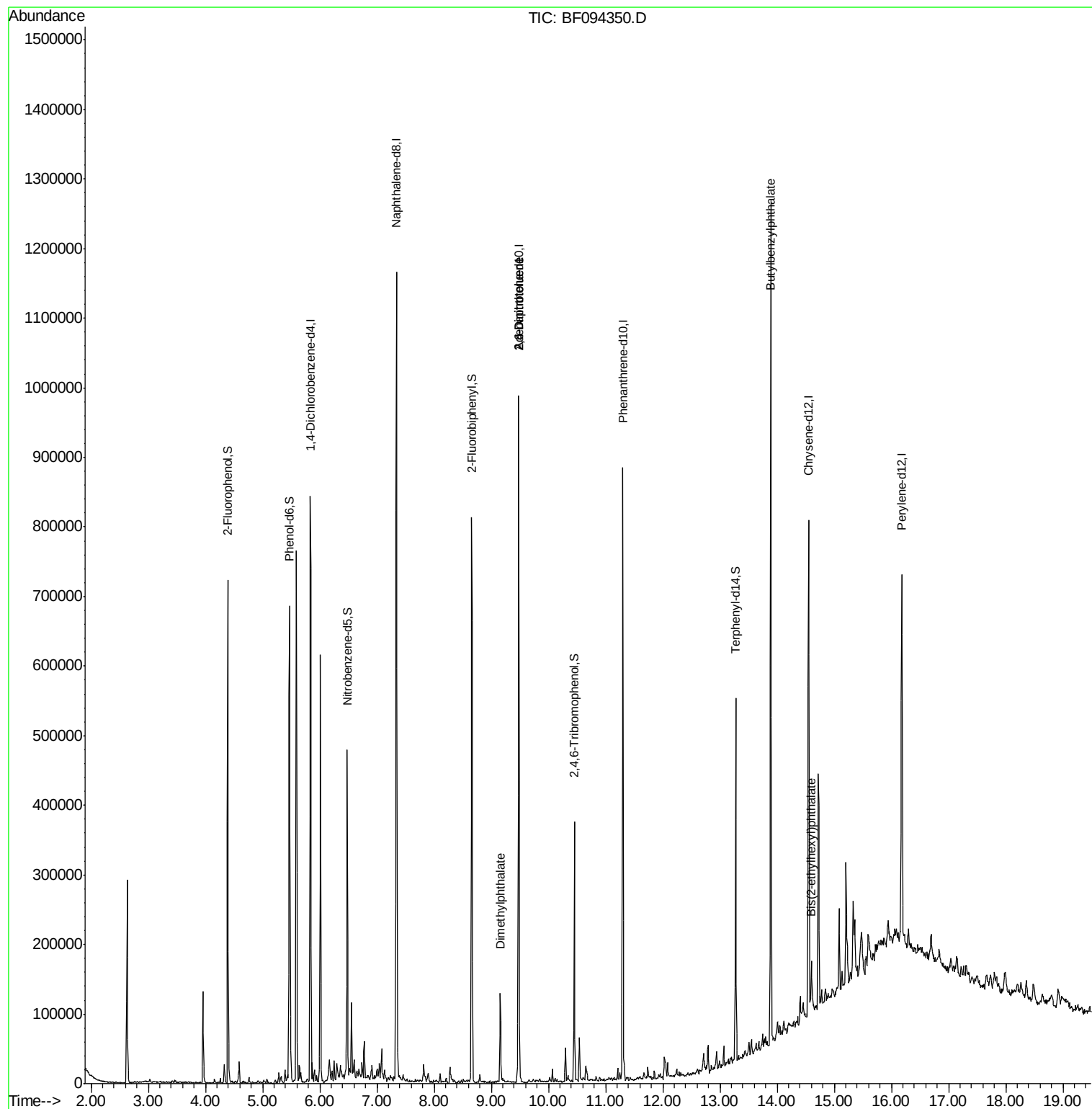
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.83	152	141148	20.00	ng	-0.02
21) Naphthalene-d8	7.34	136	540039	20.00	ng	-0.02
38) Acenaphthene-d10	9.48	164	226739	20.00	ng	-0.02
63) Phenanthrene-d10	11.30	188	354779	20.00	ng	-0.02
75) Chrysene-d12	14.55	240	266089	20.00	ng	-0.02
86) Perylene-d12	16.18	264	216135	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	4.39	112	208390	24.94	ng	0.00
7) Phenol-d6	5.47	99	260497	25.20	ng	0.00
23) Nitrobenzene-d5	6.48	82	146953	15.53	ng	-0.03
41) 2,4,6-Tribromophenol	10.45	330	40191	22.43	ng	-0.02
44) 2-Fluorobiphenyl	8.66	172	271684	18.28	ng	-0.03
78) Terphenyl-d14	13.27	244	159809	13.46	ng	-0.02
Target Compounds						
49) Dimethylphthalate	9.16	163	56250	3.49	ng	99
50) 2,6-Dinitrotoluene	9.47	165	29219	7.91	ng	# 34
56) 2,4-Dinitrotoluene	9.47	165	29218	6.30	ng	# 33
79) Butylbenzylphthalate	13.89	149	333293	40.51	ng	89
83) Bis(2-ethylhexyl)phthalate	14.60	149	24210	2.16	ng	# 99

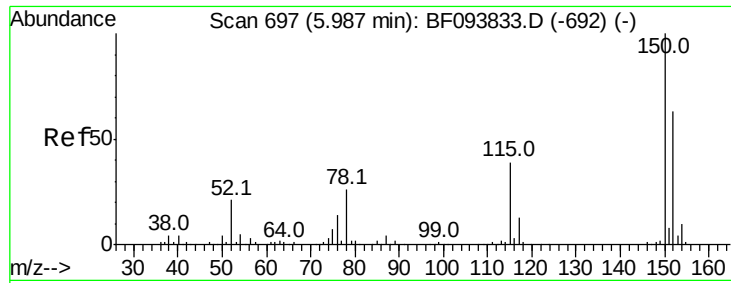
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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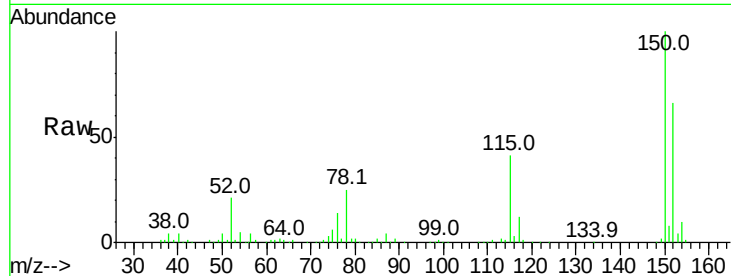


#1

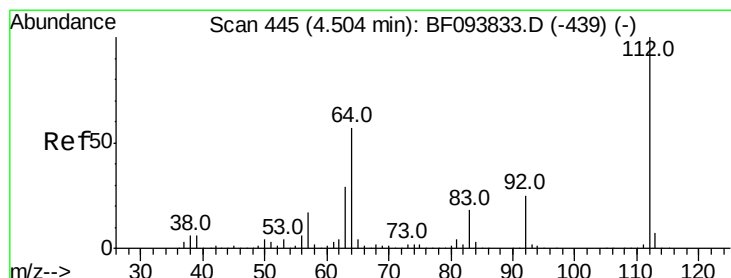
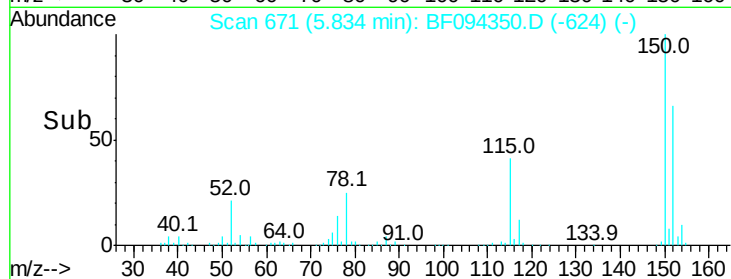
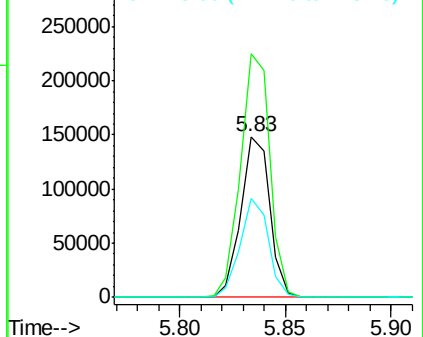
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.83 min Scan# 671
Delta R.T. -0.02 min
Lab File: BF094350.D
Acq: 11 Apr 2017 10:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 141148
Ion Ratio Lower Upper
152 100
150 151.7 126.2 189.2
115 61.5 52.2 78.2



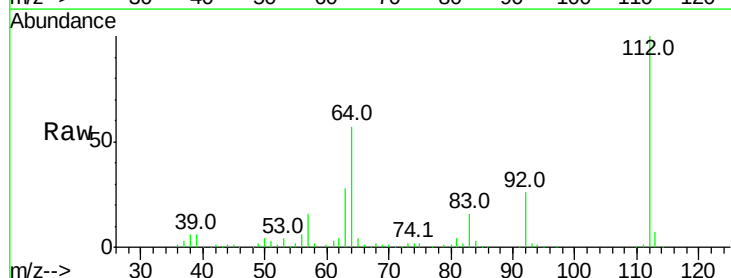
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



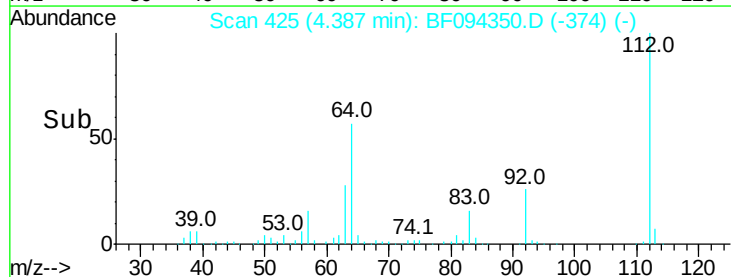
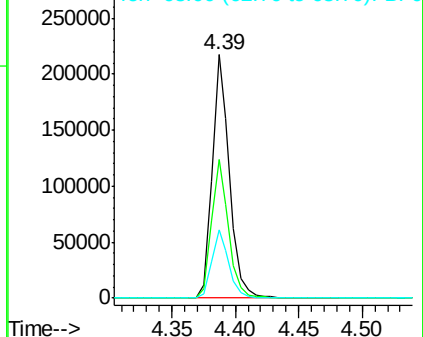
#5

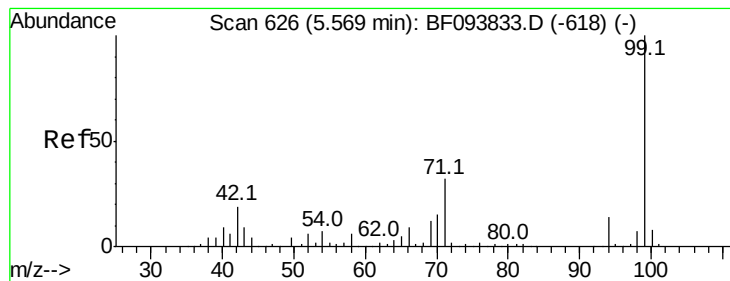
2-Fluorophenol
Concen: 24.94 ng
RT: 4.39 min Scan# 425
Delta R.T. -0.00 min
Lab File: BF094350.D
Acq: 11 Apr 2017 10:35

Tgt Ion:112 Resp: 208390
Ion Ratio Lower Upper
112 100
64 56.9 46.0 69.0
63 27.9 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: 25.20 ng

RT: 5.47 min Scan# 609

Delta R.T. 0.01 min

Lab File: BF094350.D

Acq: 11 Apr 2017 10:35

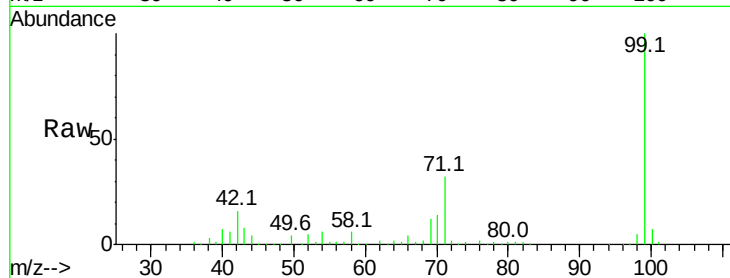
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 260497

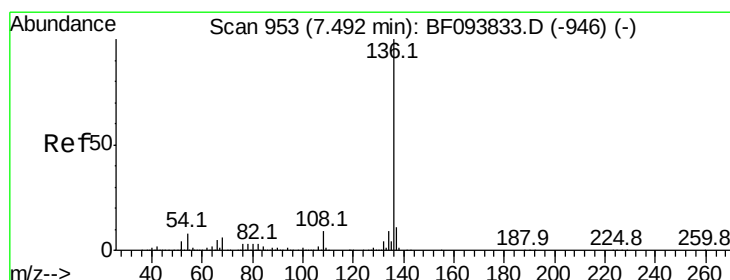
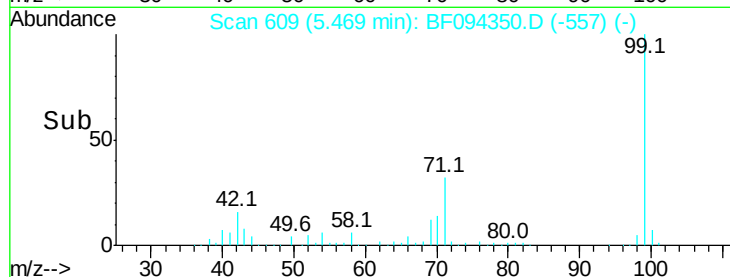
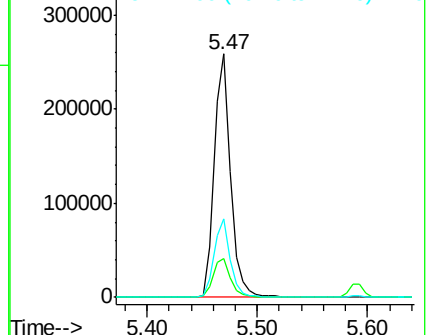
Ion	Ratio	Lower	Upper
99	100		
42	16.1	13.5	20.3
71	32.4	24.5	36.7



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.34 min Scan# 927

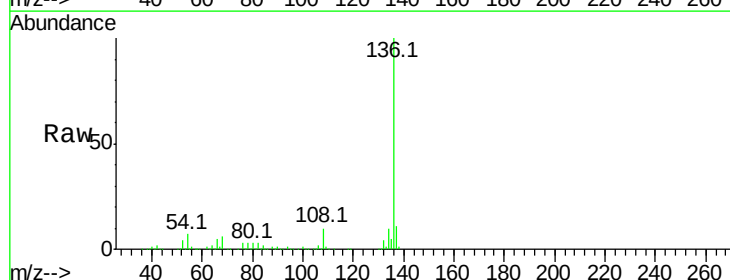
Delta R.T. -0.02 min

Lab File: BF094350.D

Acq: 11 Apr 2017 10:35

Tgt Ion: 136 Resp: 540039

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.5	12.7
54	7.3	4.9	7.3
68	5.8	4.1	6.1

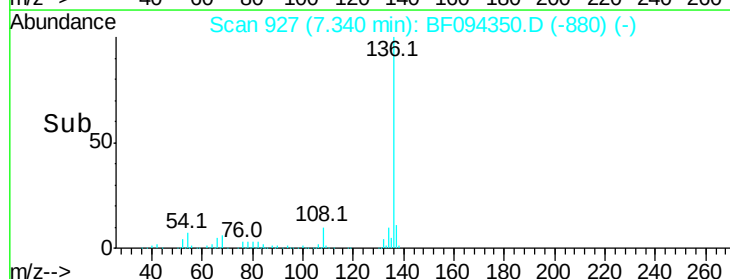
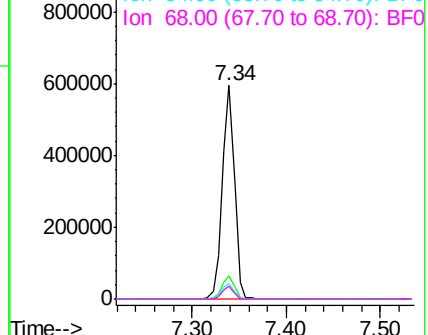


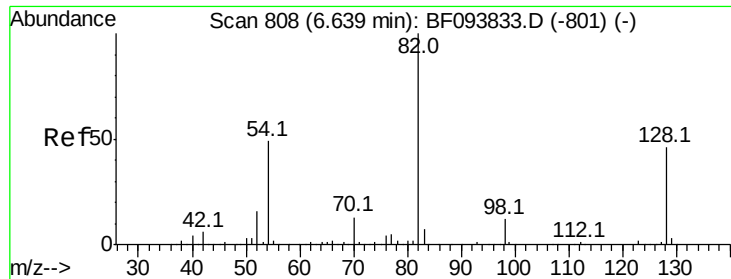
Abundance Ion 136.00 (135.70 to 136.70): E

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

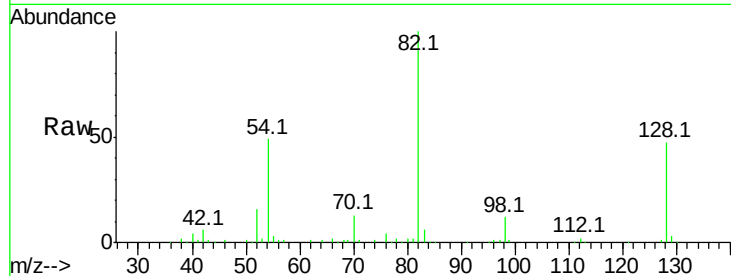




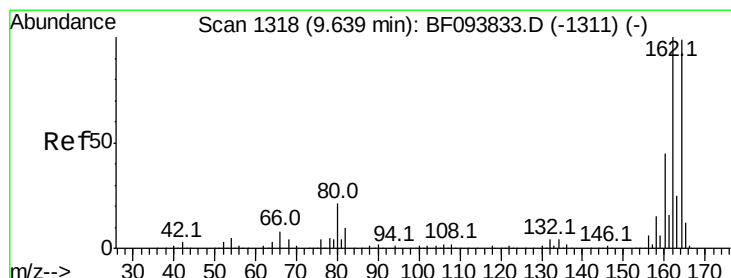
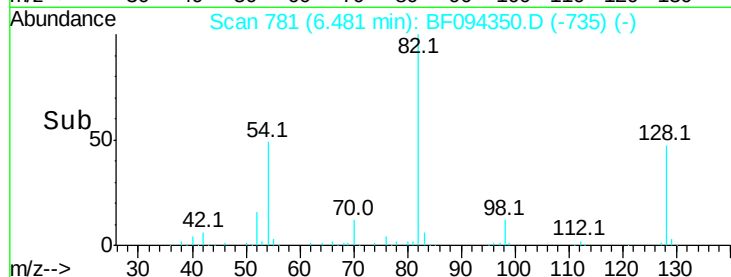
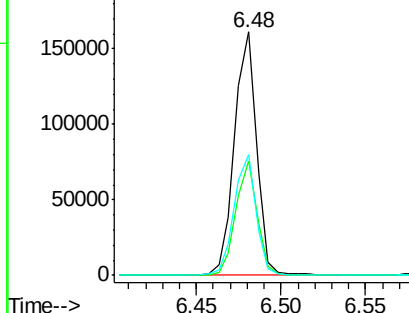
#23
 Nitrobenzene-d5
 Concen: 15.53 ng
 RT: 6.48 min Scan# 781
 Delta R.T. -0.03 min
 Lab File: BF094350.D
 Acq: 11 Apr 2017 10:35

Instrument :
 BNA_F
 ClientSampled :

Tot Ion: 82 Resp: 146953
 Ion Ratio Lower Upper
 82 100
 128 46.8 34.0 51.0
 54 49.5 42.2 63.2

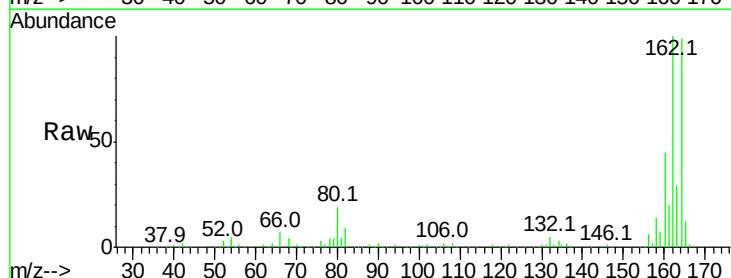


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

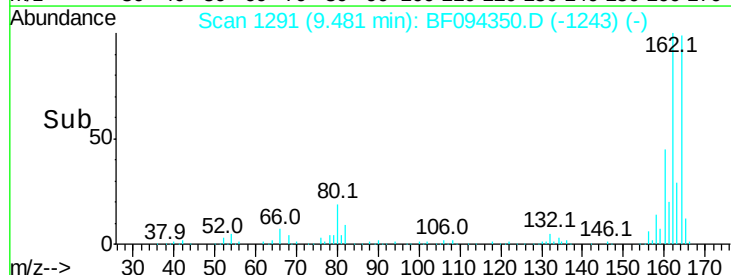
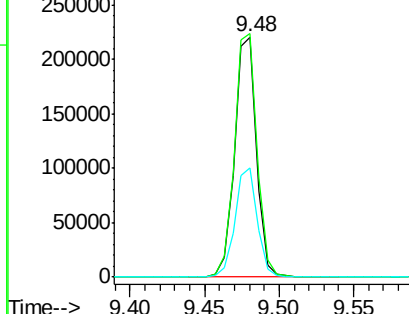


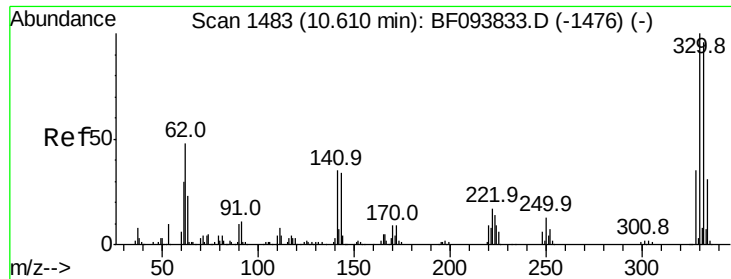
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.48 min Scan# 1291
 Delta R.T. -0.02 min
 Lab File: BF094350.D
 Acq: 11 Apr 2017 10:35

Tgt Ion:164 Resp: 226739
 Ion Ratio Lower Upper
 164 100
 162 101.4 82.6 123.8
 160 45.6 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: 22.43 ng

RT: 10.45 min Scan# 1456

Delta R.T. -0.02 min

Lab File: BF094350.D

Acq: 11 Apr 2017 10:35

Instrument :

BNA_F

ClientSampleId :

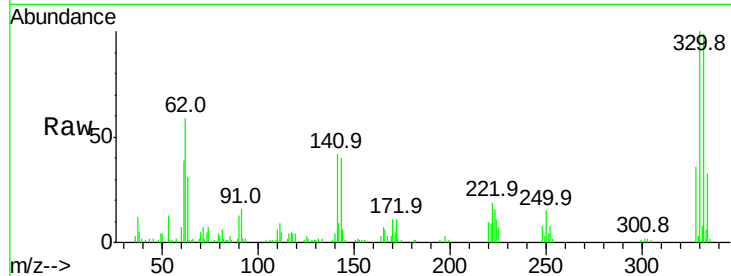
Tot Ion:330 Resp: 40191

Ion Ratio Lower Upper

330 100

332 100.7 76.6 115.0

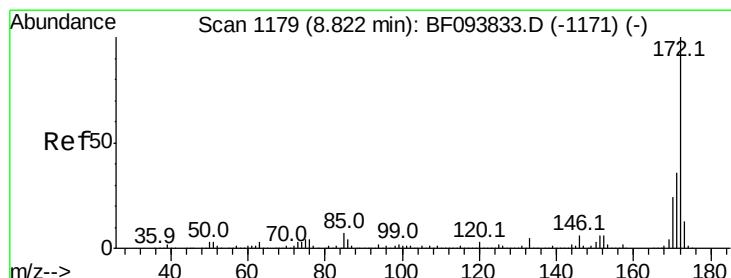
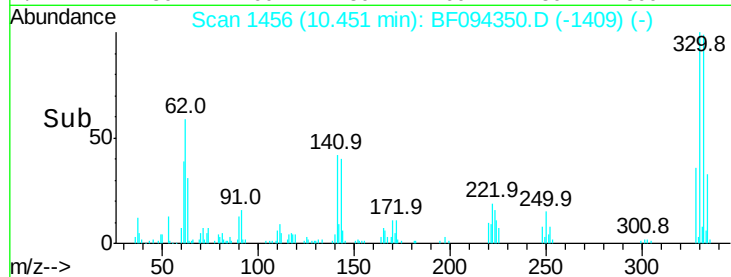
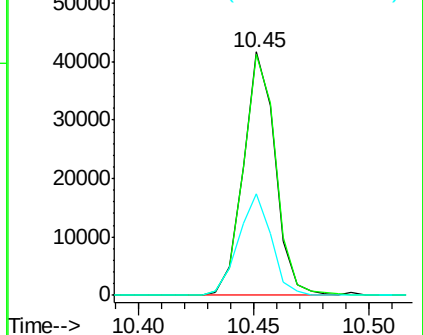
141 42.6 31.4 47.2



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: 18.28 ng

RT: 8.66 min Scan# 1151

Delta R.T. -0.03 min

Lab File: BF094350.D

Acq: 11 Apr 2017 10:35

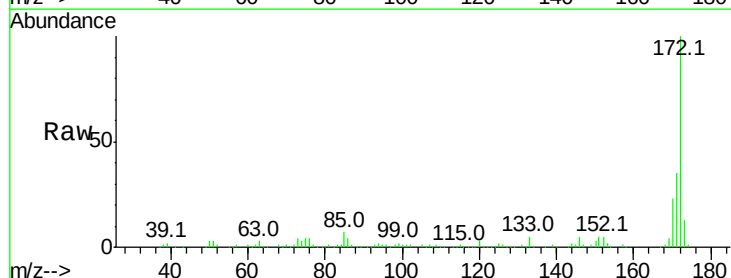
Tgt Ion:172 Resp: 271684

Ion Ratio Lower Upper

172 100

171 34.7 29.6 44.4

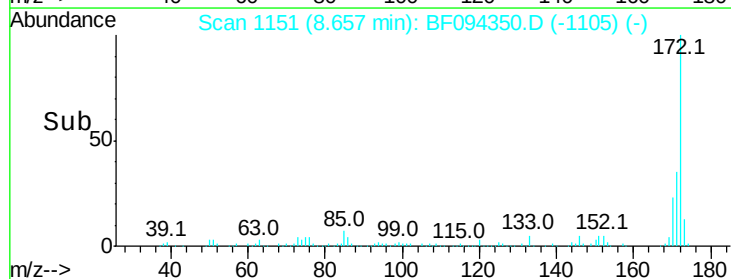
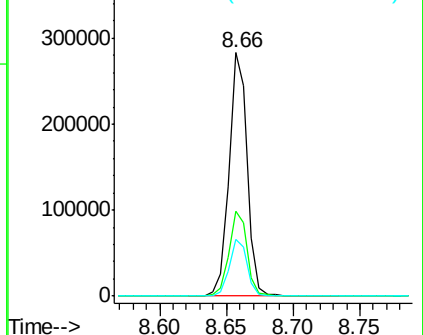
170 23.3 19.8 29.8

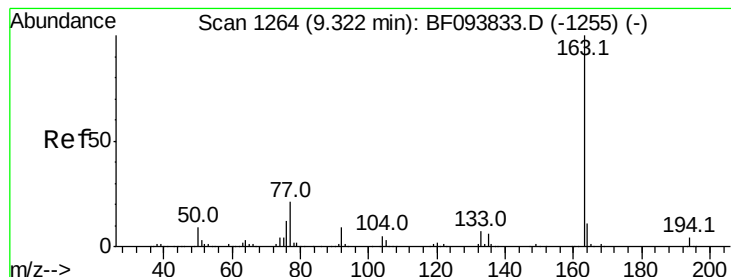


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 3.49 ng

RT: 9.16 min Scan# 1236

Delta R.T. -0.04 min

Lab File: BF094350.D

Acq: 11 Apr 2017 10:35

Instrument :

BNA_F

ClientSampleId :

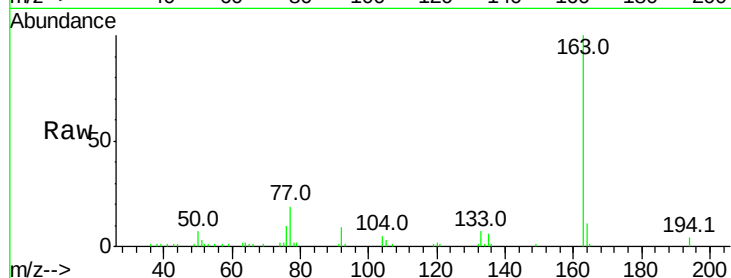
Tot Ion:163 Resp: 56250

Ion Ratio Lower Upper

163 100

194 3.6 2.6 4.0

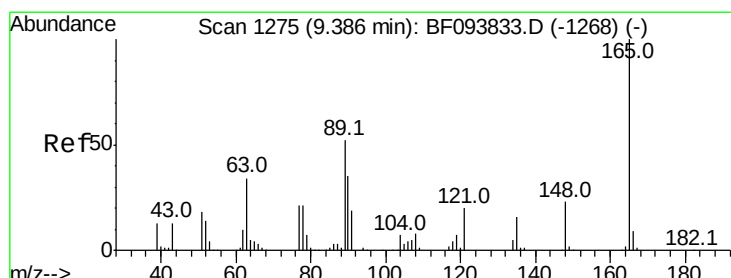
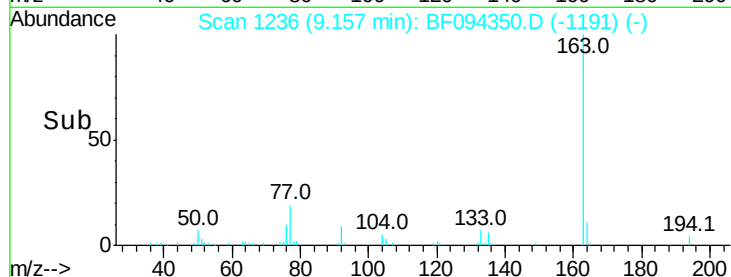
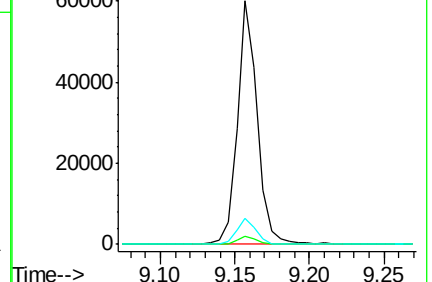
164 10.8 8.4 12.6



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: 7.91 ng

RT: 9.47 min Scan# 1290

Delta R.T. 0.22 min

Lab File: BF094350.D

Acq: 11 Apr 2017 10:35

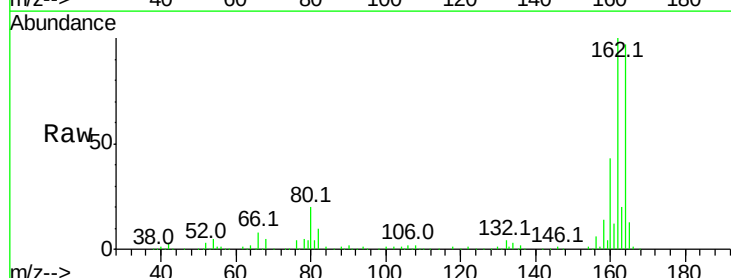
Tgt Ion:165 Resp: 29219

Ion Ratio Lower Upper

165 100

63 1.7 34.3 51.5#

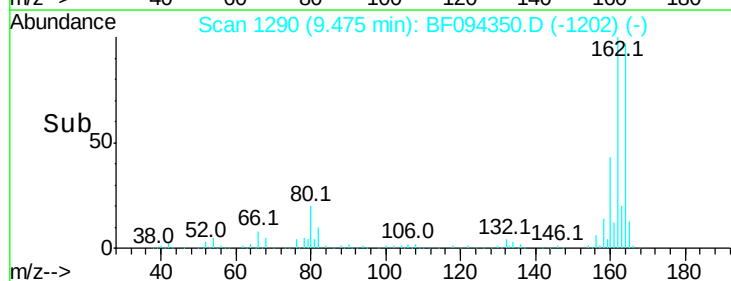
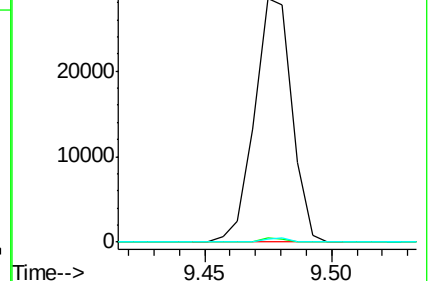
89 1.2 37.1 55.7#

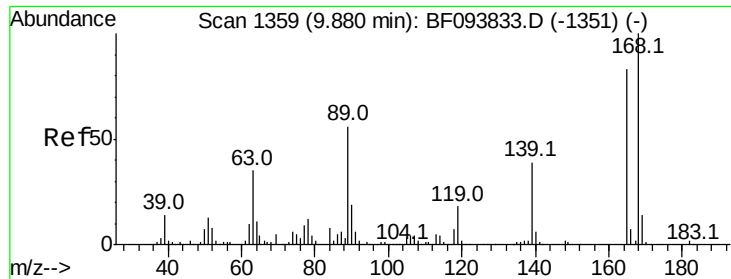


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

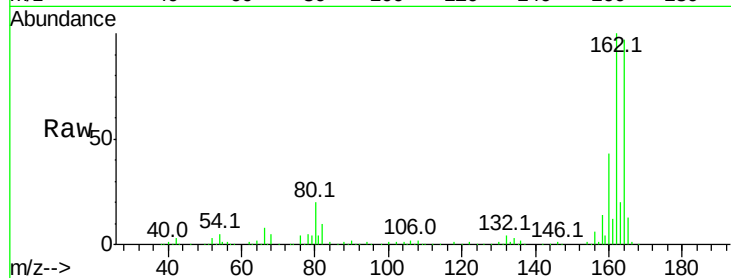




#56
 2,4-Dinitrotoluene
 Concen: 6.30 ng
 RT: 9.47 min Scan# 1290
 Delta R.T. -0.28 min
 Lab File: BF094350.D
 Acq: 11 Apr 2017 10:35

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.7	25.4	38.0#
89	1.2	46.4	69.6#
182	0.0	1.8	2.6#

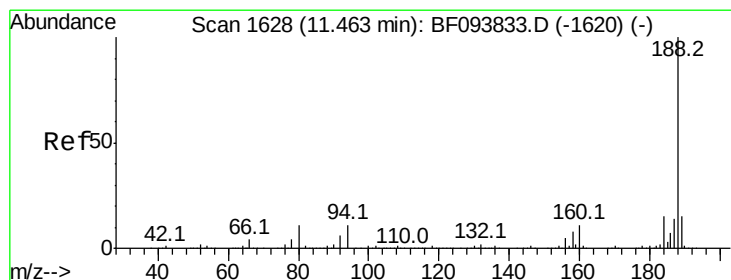
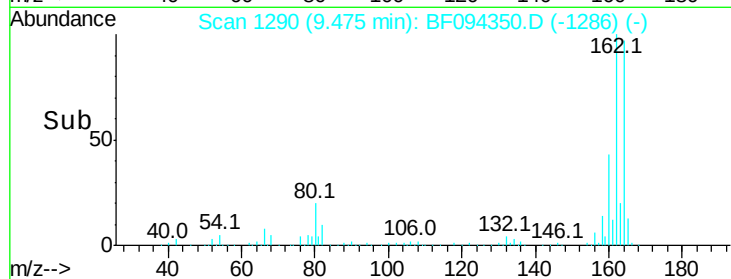
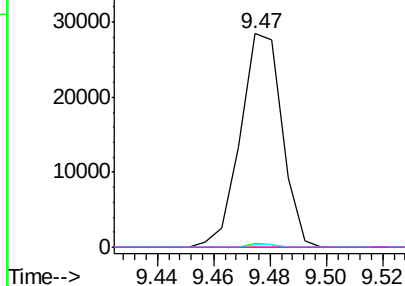


Abundance Ion 165.00 (164.70 to 165.70): E

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



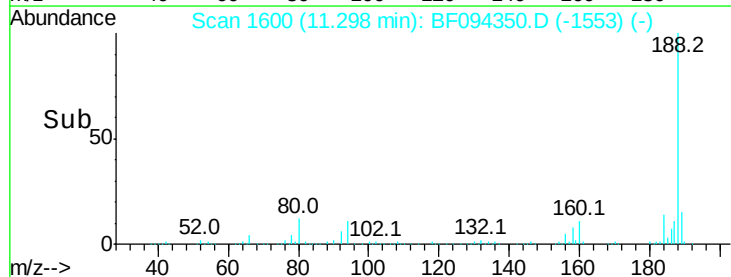
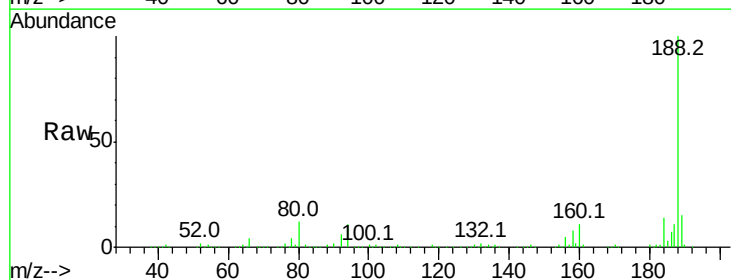
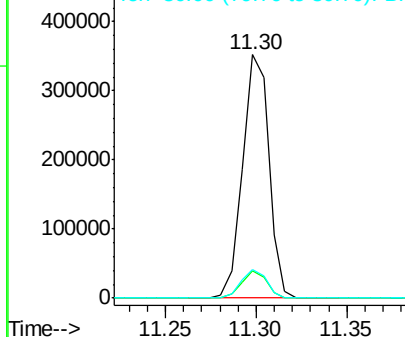
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.30 min Scan# 1600
 Delta R.T. -0.02 min
 Lab File: BF094350.D
 Acq: 11 Apr 2017 10:35

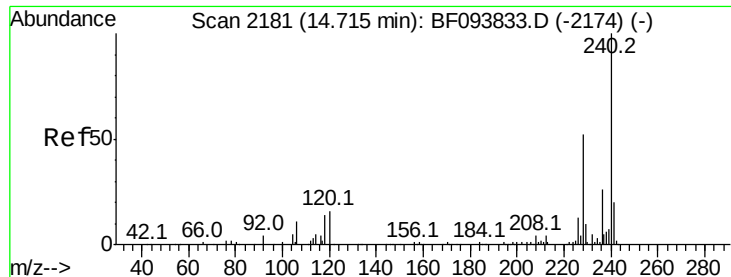
Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.1	9.4	14.2
80	11.5	10.2	15.2

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: 14.55 min Scan# 2153

Delta R.T. -0.02 min

Lab File: BF094350.D

Acq: 11 Apr 2017 10:35

Instrument :

BNA_F

ClientSampleId :

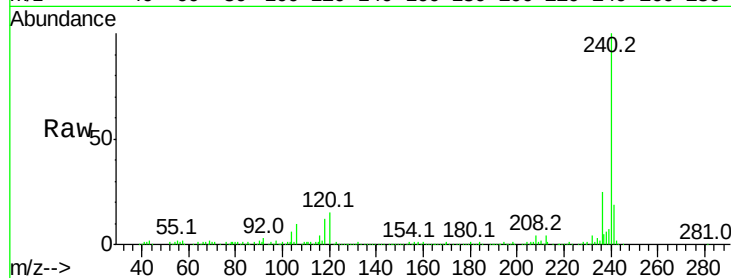
Tot Ion:240 Resp: 266089

Ion Ratio Lower Upper

240 100

120 15.0 5.8 8.8#

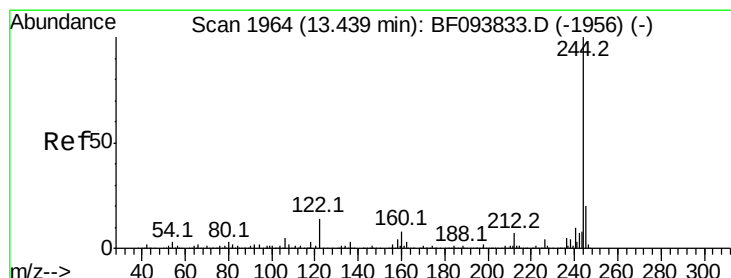
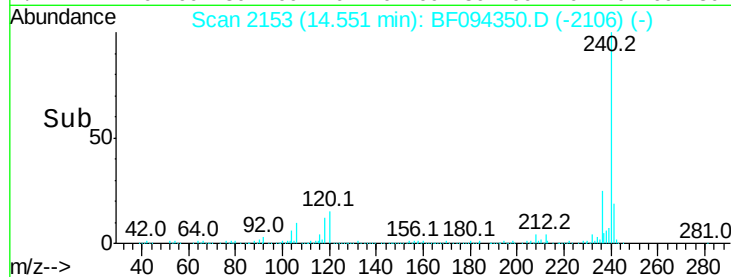
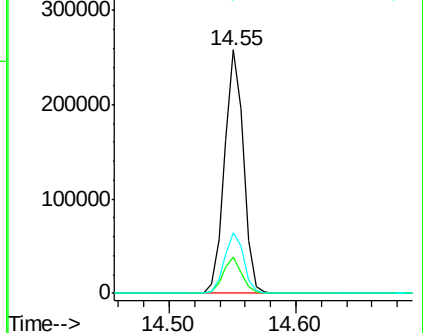
236 24.9 20.5 30.7



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: 13.46 ng

RT: 13.27 min Scan# 1936

Delta R.T. -0.02 min

Lab File: BF094350.D

Acq: 11 Apr 2017 10:35

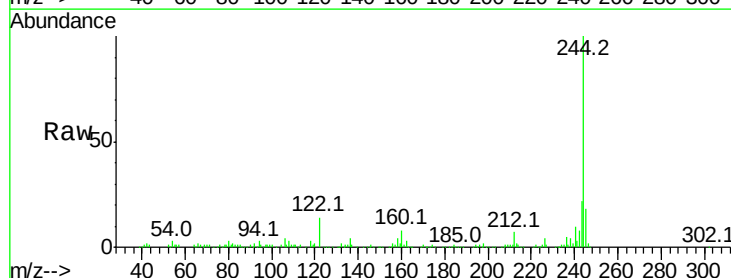
Tgt Ion:244 Resp: 159809

Ion Ratio Lower Upper

244 100

212 7.0 6.0 9.0

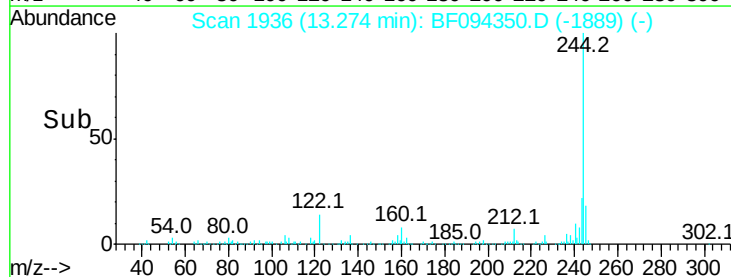
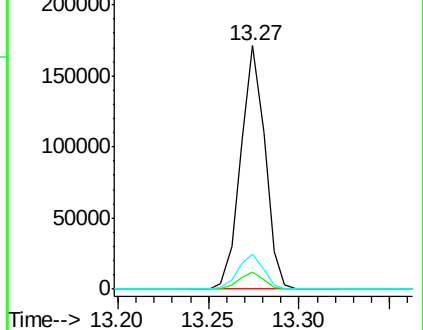
122 14.1 10.3 15.5

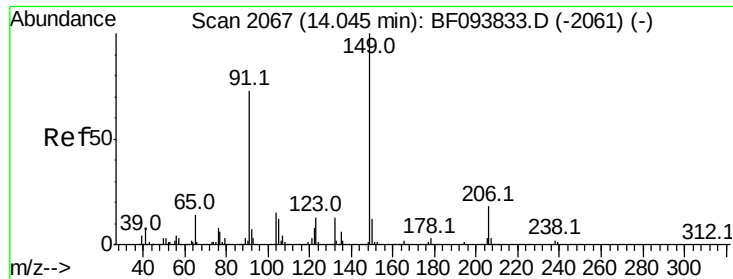


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 40.51 ng

RT: 13.89 min Scan# 2041

Delta R.T. -0.01 min

Lab File: BF094350.D

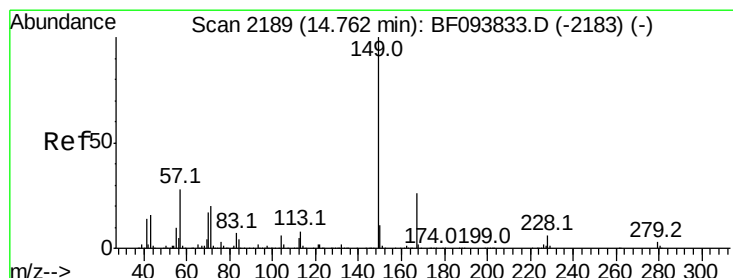
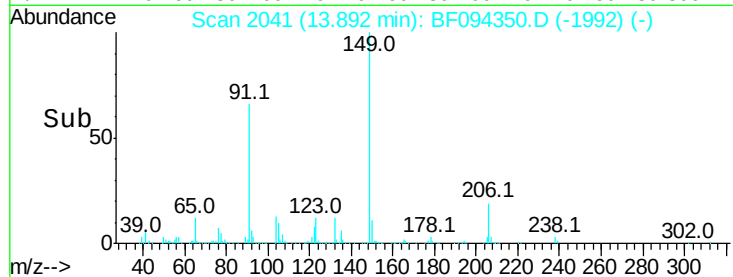
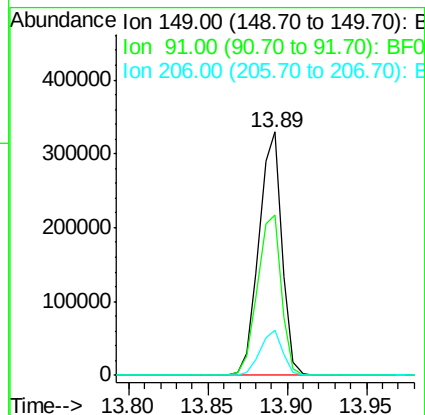
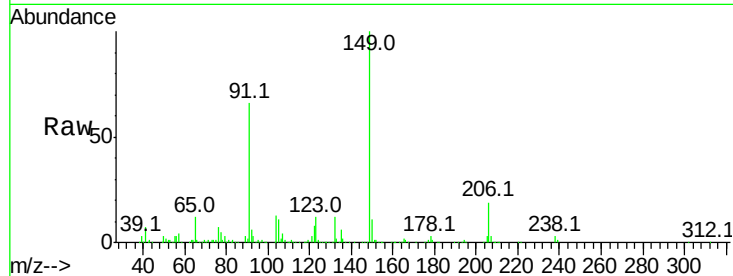
Acq: 11 Apr 2017 10:35

Instrument :

BNA_F

ClientSampleId :

Tot Ion:149	Resp:	333293
Ion	Ratio	Lower Upper
149	100	
91	66.1	45.0 67.4
206	18.6	17.0 25.6



#83

Bis(2-ethylhexyl)phthalate

Concen: 2.16 ng

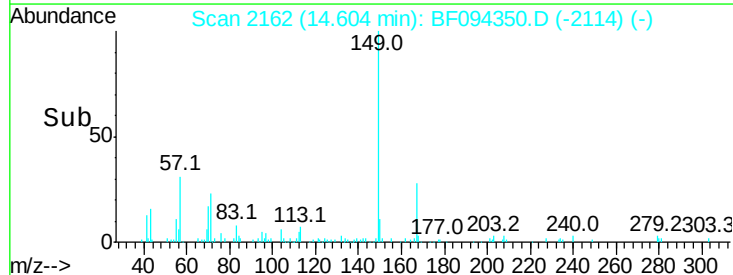
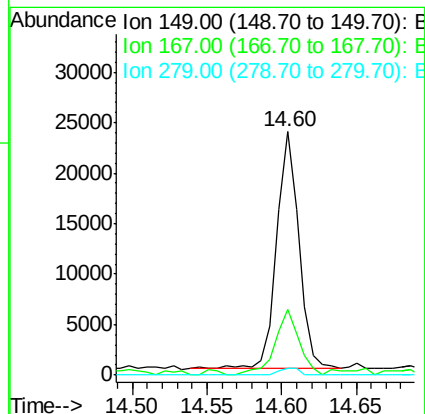
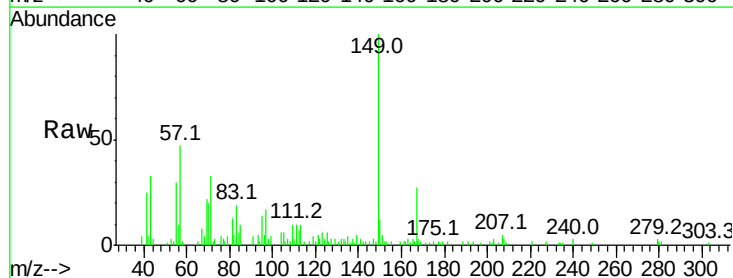
RT: 14.60 min Scan# 2162

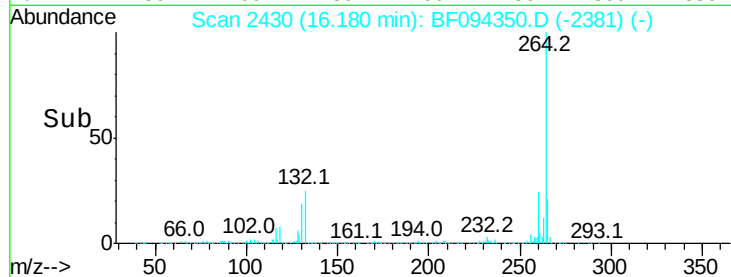
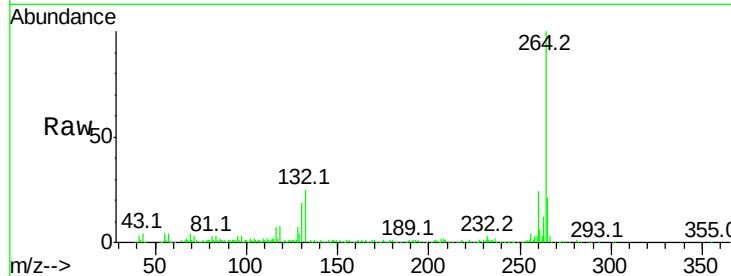
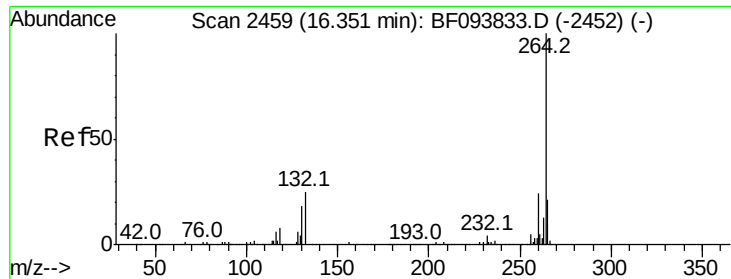
Delta R.T. -0.02 min

Lab File: BF094350.D

Acq: 11 Apr 2017 10:35

Tgt Ion:149	Resp:	24210
Ion	Ratio	Lower Upper
149	100	
167	26.9	21.0 31.4
279	3.0	1.9 2.9#





#86

Pervlene-d12

Concen: 20.00 ng

RT: 16.18 min Scan# 2430

Delta R.T. -0.01 min

Lab File: BF094350.D

Acq: 11 Apr 2017 10:35

Instrument :

BNA_F

ClientSampleId :

Tot Ion:264 Resp: 216135

Ion Ratio Lower Upper

264 100

260 24.1 19.5 29.3

265 21.1 17.2 25.8

