

Data Path : Z:\HPCHEM1\BNA F\DATA\BF123016\
 Data File : BF092044.D
 Acq On : 30 Dec 2016 14:01
 Operator : UM/SJ
 Sample : H6262-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 30 15:24:11 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 28 17:32:10 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	212183	20.00	ng	-0.02
21) Naphthalene-d8	7.96	136	986857	20.00	ng	-0.03
38) Acenaphthene-d10	9.71	164	519242	20.00	ng	-0.05
63) Phenanthrene-d10	11.20	188	923566	20.00	ng	-0.03
75) Chrysene-d12	13.83	240	750081	20.00	ng	-0.05
86) Perylene-d12	15.21	264	661540	20.00	ng	-0.05

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.30	112	1898337	149.39	ng	-0.02
7) Phenol-d6	6.35	99	2399831	154.68	ng	-0.03
23) Nitrobenzene-d5	7.25	82	1719678	96.90	ng	-0.03
41) 2,4,6-Tribromophenol	10.51	330	632159	147.11	ng	-0.03
44) 2-Fluorobiphenyl	9.05	172	2547366	103.30	ng	-0.03
78) Terphenyl-d14	12.79	244	2204902	71.29	ng	-0.03

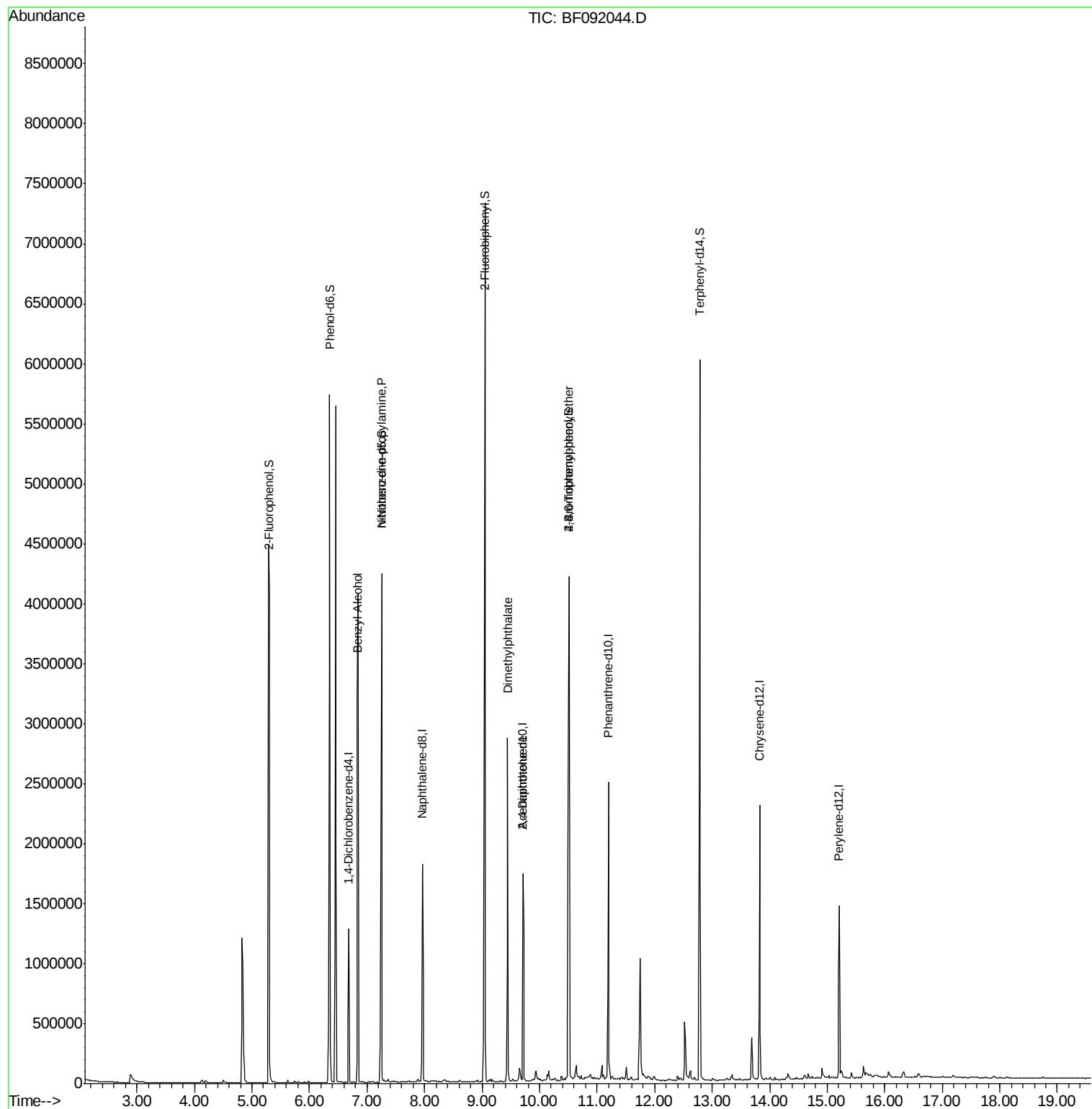
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
15) Benzyl Alcohol	6.83	79	25544	2.12	ng	# 44
19) n-Nitroso-di-n-propylamine	7.25	70	232573	22.53	ng	# 74
37) 2-Methylnaphthalene	8.68	142	945	Below Cal		# 85
49) Dimethylphthalate	9.45	163	1230229	37.04	ng	99
56) 2,4-Dinitrotoluene	9.71	165	67316	7.38	ng	# 20
66) 4-Bromophenyl-phenylether	10.51	248	42796	4.45	ng	# 1
71) Anthracene	11.22	178	24681	Below Cal		99
73) Di-n-butylphthalate	11.77	149	44663	Below Cal		98
74) Fluoranthene	12.41	202	20163	Below Cal		92

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.68 min Scan# 402

Delta R.T. -0.02 min

Lab File: BF092044.D

Acq: 30 Dec 2016 14:01

Instrument :

BNA_F

ClientSampled :

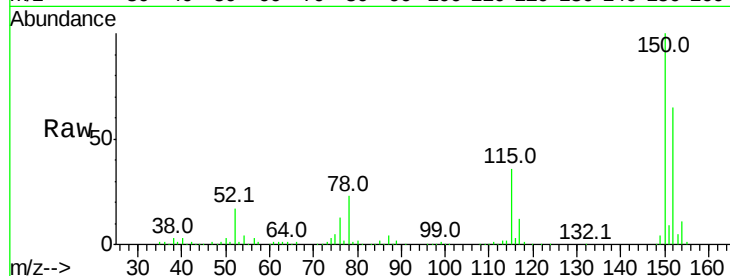
Tot Ion:152 Resp: 212183

Ion Ratio Lower Upper

152 100

150 153.8 124.9 187.3

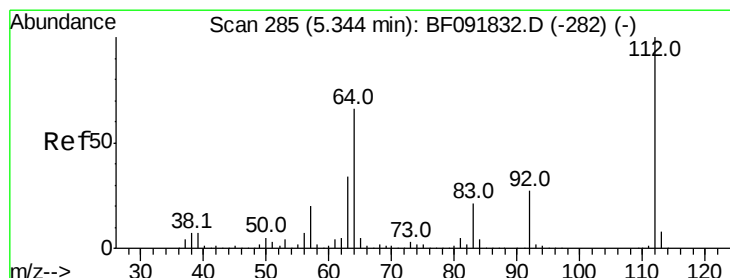
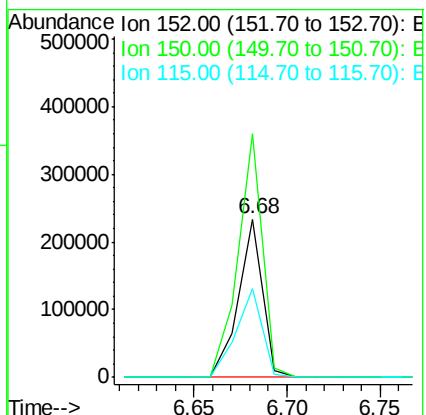
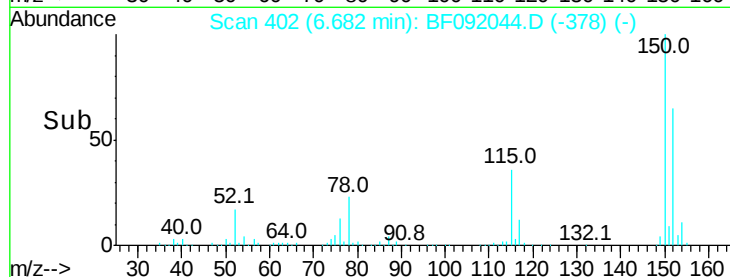
115 56.0 46.0 69.0



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: 149.39 ng

RT: 5.30 min Scan# 281

Delta R.T. -0.02 min

Lab File: BF092044.D

Acq: 30 Dec 2016 14:01

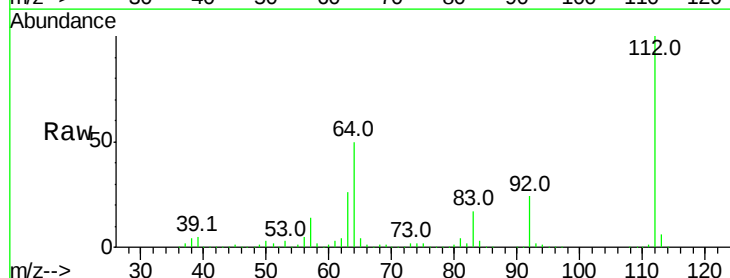
Tgt Ion:112 Resp: 1898337

Ion Ratio Lower Upper

112 100

64 50.4 46.1 69.1

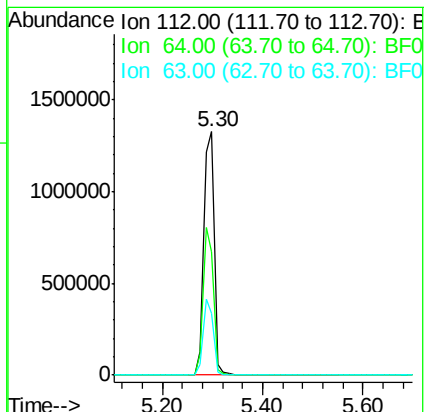
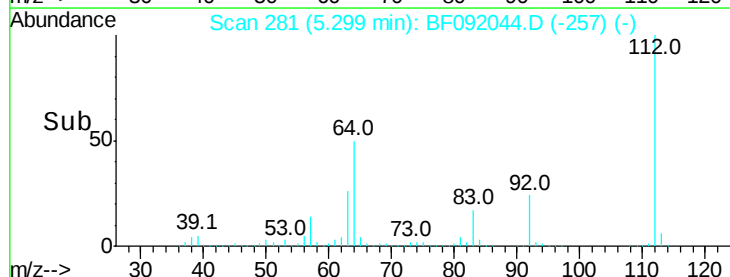
63 25.6 23.8 35.6



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: 154.68 ng

RT: 6.35 min Scan# 373

Delta R.T. -0.03 min

Lab File: BF092044.D

Acq: 30 Dec 2016 14:01

Instrument :

BNA_F

ClientSampleId :

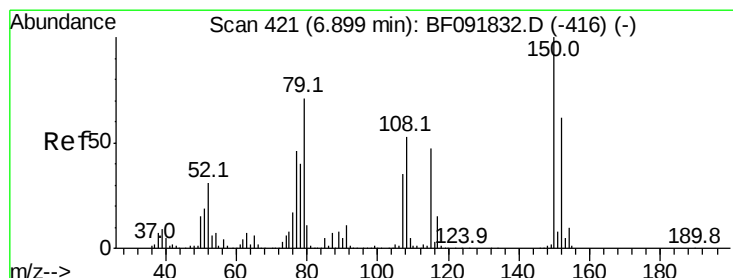
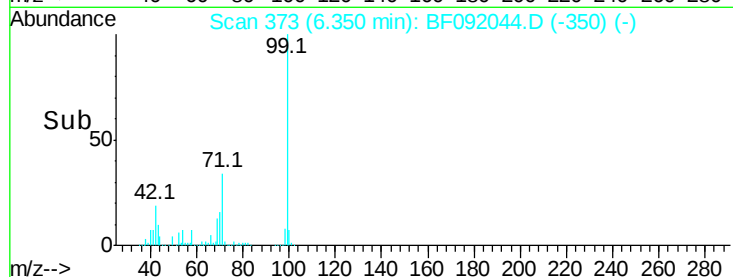
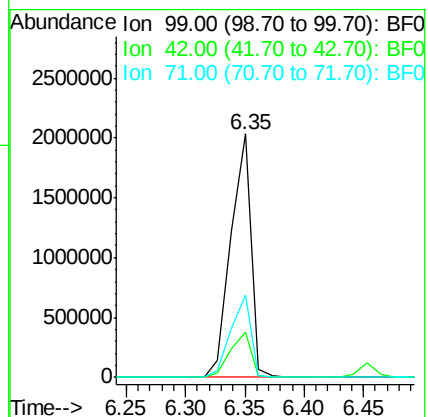
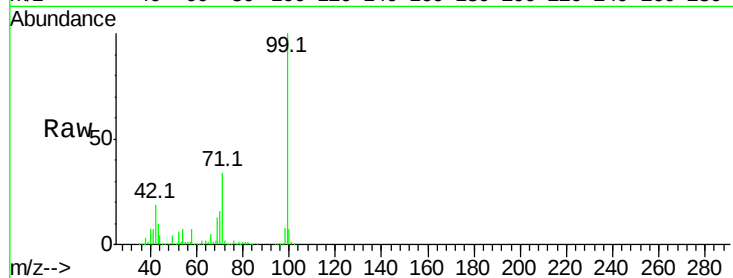
Tot Ion: 99 Resp: 2399831

Ion Ratio Lower Upper

99 100

42 18.7 15.6 23.4

71 33.7 27.5 41.3



#15

Benzyl Alcohol

Concen: 2.12 ng

RT: 6.83 min Scan# 415

Delta R.T. -0.03 min

Lab File: BF092044.D

Acq: 30 Dec 2016 14:01

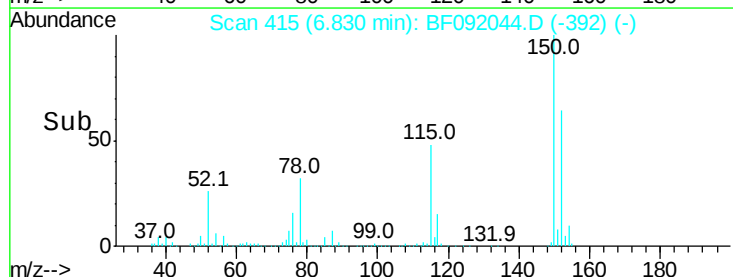
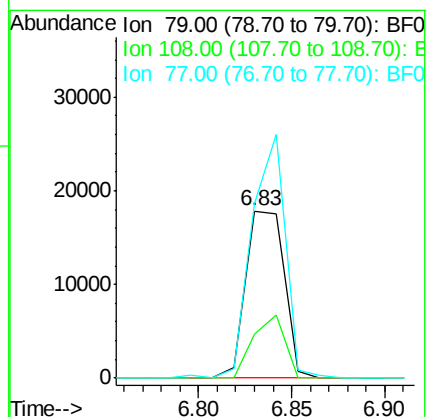
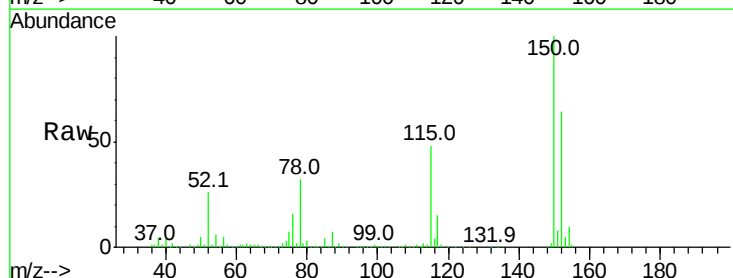
Tgt Ion: 79 Resp: 25544

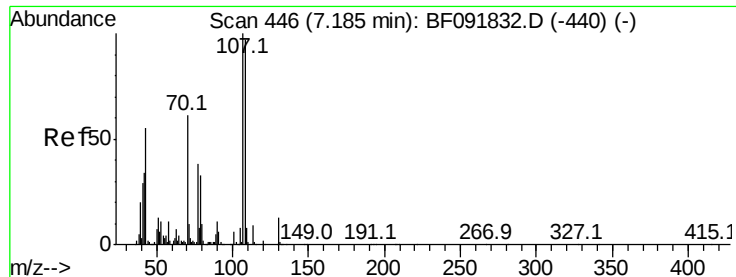
Ion Ratio Lower Upper

79 100

108 26.1 61.4 92.0#

77 104.7 50.9 76.3#

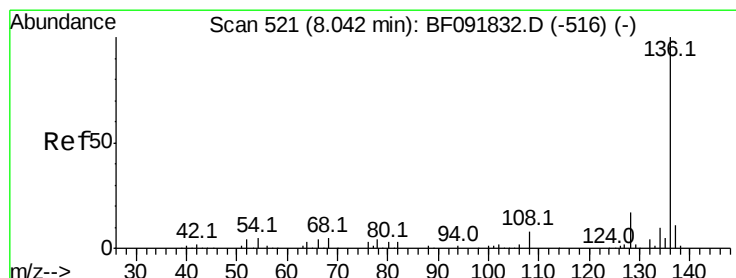
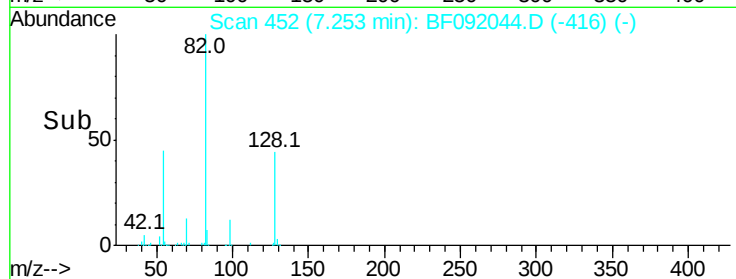
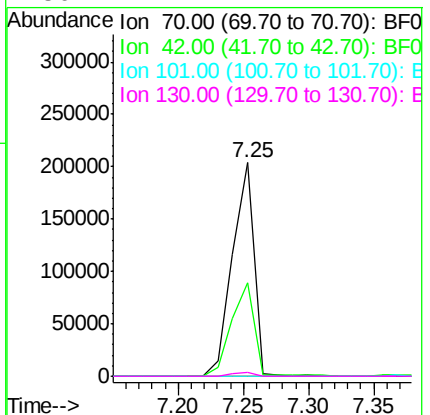
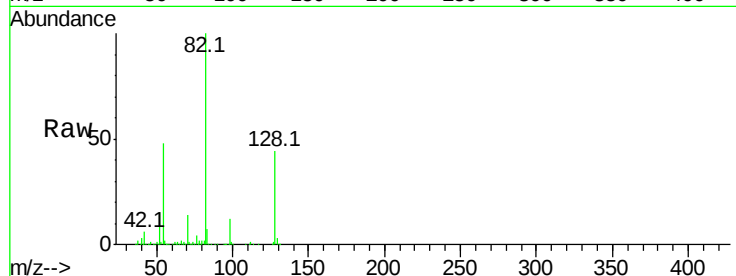




#19
n-Nitroso-di-n-propylamine
Concen: 22.53 ng
RT: 7.25 min Scan# 452
Delta R.T. 0.11 min
Lab File: BF092044.D
Acq: 30 Dec 2016 14:01

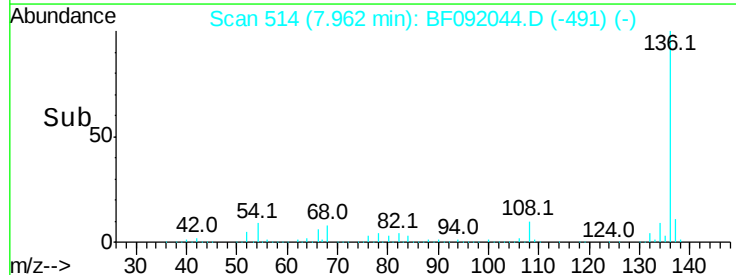
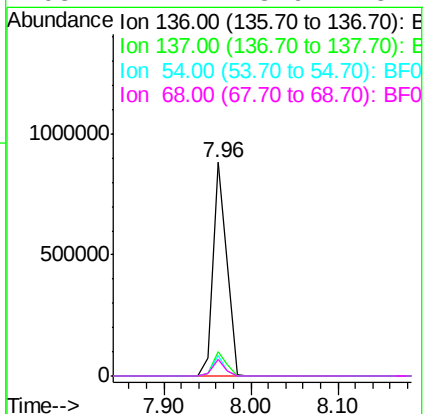
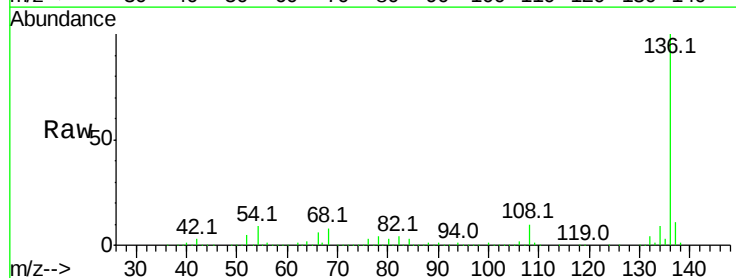
Instrument :
BNA_F
ClientSampleId :

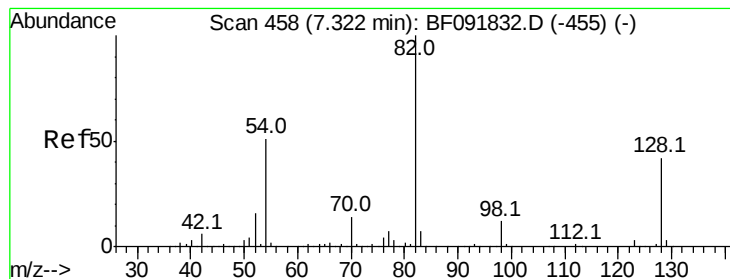
Tot Ion: 70 Resp: 232573
Ion Ratio Lower Upper
70 100
42 43.8 49.4 74.0#
101 0.0 7.4 11.2#
130 2.1 14.2 21.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.96 min Scan# 514
Delta R.T. -0.03 min
Lab File: BF092044.D
Acq: 30 Dec 2016 14:01

Tgt Ion: 136 Resp: 986857
Ion Ratio Lower Upper
136 100
137 11.2 8.4 12.6
54 9.4 4.5 6.7#
68 7.7 3.6 5.4#





#23

Nitrobenzene-d5

Concen: 96.90 ng

RT: 7.25 min Scan# 452

Delta R.T. -0.03 min

Lab File: BF092044.D

Acq: 30 Dec 2016 14:01

Instrument :

BNA_F

ClientSampleId :

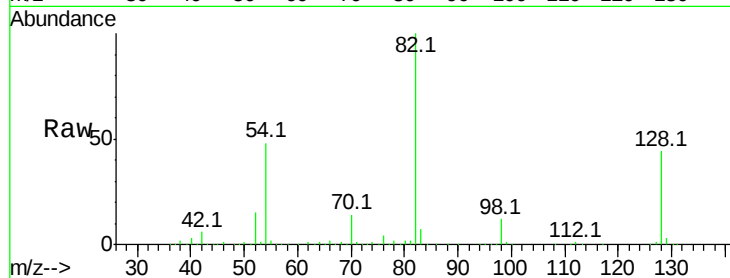
Tot Ion: 82 Resp: 1719678

Ion Ratio Lower Upper

82 100

128 44.5 34.6 52.0

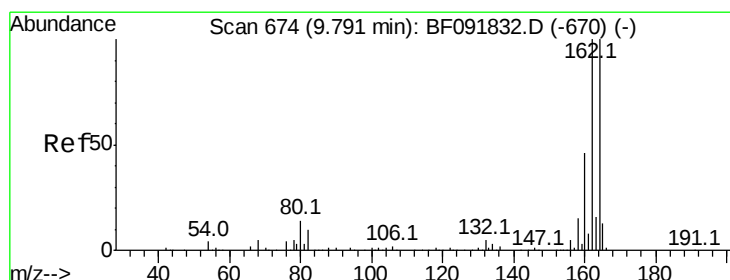
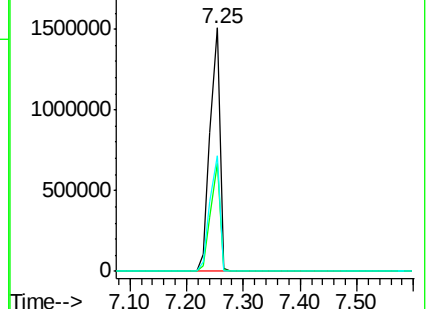
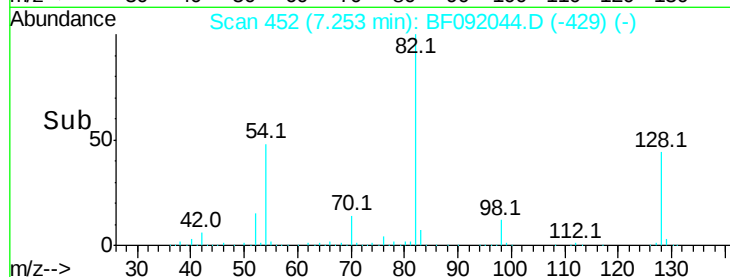
54 47.7 39.5 59.3



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.71 min Scan# 667

Delta R.T. -0.05 min

Lab File: BF092044.D

Acq: 30 Dec 2016 14:01

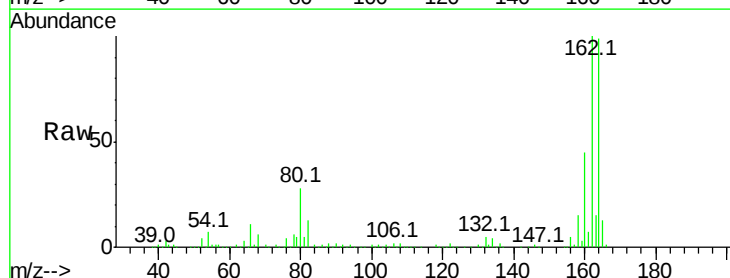
Tgt Ion:164 Resp: 519242

Ion Ratio Lower Upper

164 100

162 101.2 80.2 120.2

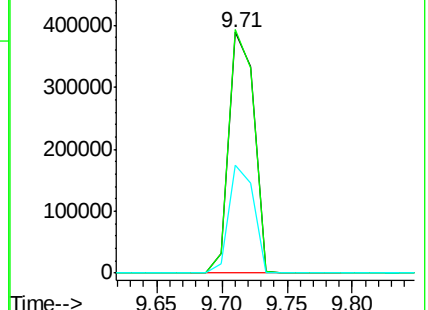
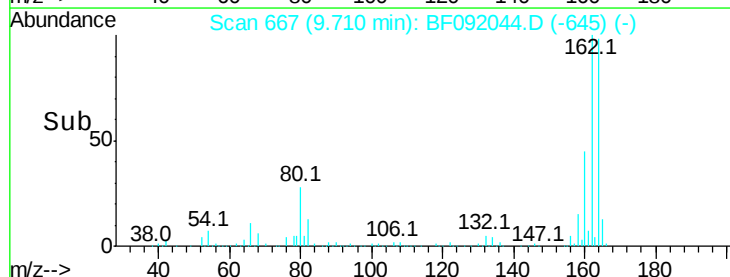
160 45.1 36.9 55.3

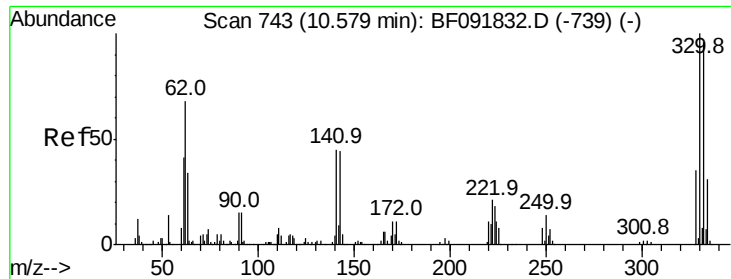


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

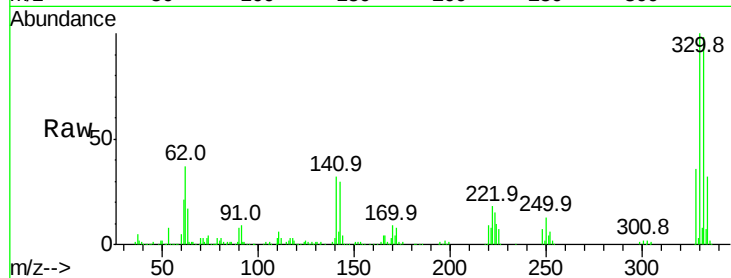




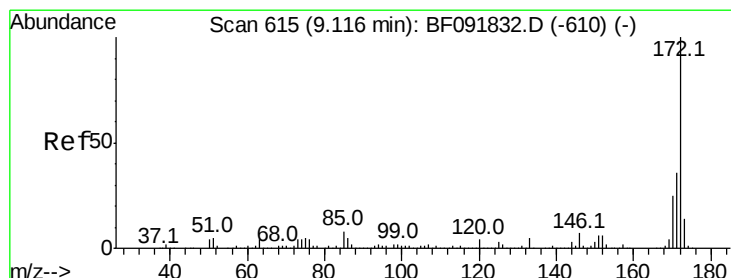
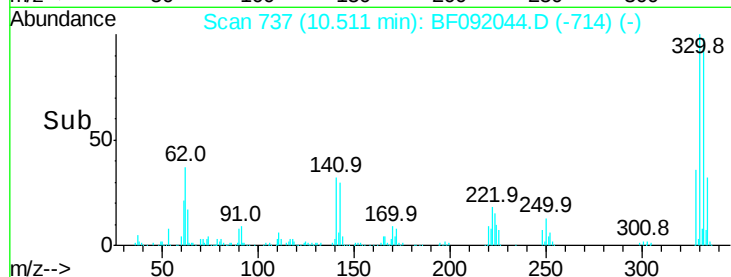
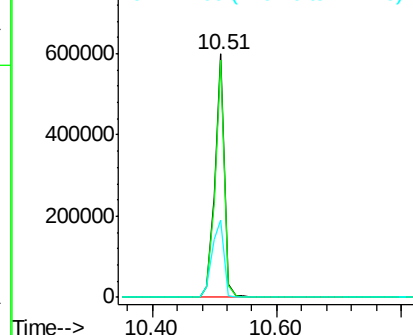
#41
 2,4,6-Tribromophenol
 Concen: 147.11 ng
 RT: 10.51 min Scan# 737
 Delta R.T. -0.03 min
 Lab File: BF092044.D
 Acq: 30 Dec 2016 14:01

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 632159
 Ion Ratio Lower Upper
 330 100
 332 96.7 77.4 116.2
 141 39.7 34.1 51.1

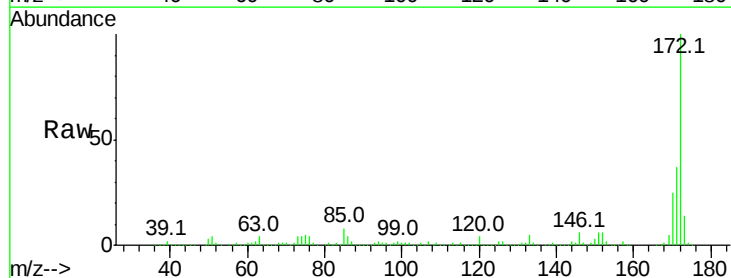


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

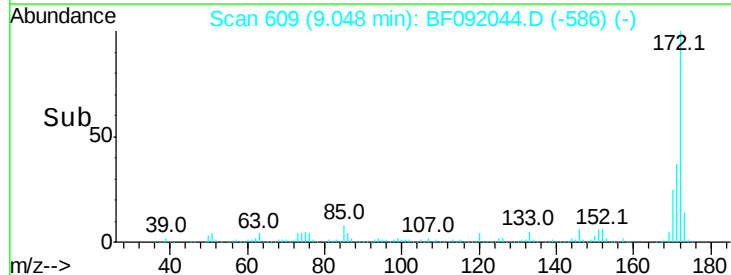
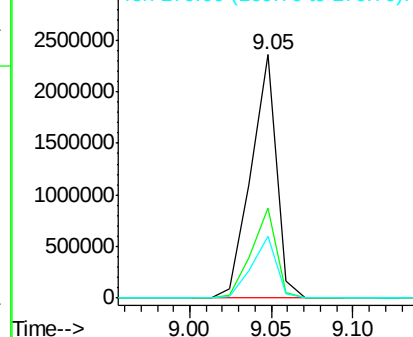


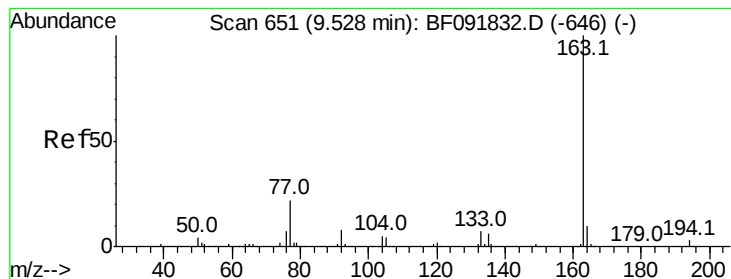
#44
 2-Fluorobiphenyl
 Concen: 103.30 ng
 RT: 9.05 min Scan# 609
 Delta R.T. -0.03 min
 Lab File: BF092044.D
 Acq: 30 Dec 2016 14:01

Tgt Ion:172 Resp: 2547366
 Ion Ratio Lower Upper
 172 100
 171 36.9 29.4 44.0
 170 25.4 20.2 30.4



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: 37.04 ng

RT: 9.45 min Scan# 644

Delta R.T. -0.05 min

Lab File: BF092044.D

Acq: 30 Dec 2016 14:01

Instrument :

BNA_F

ClientSampleId :

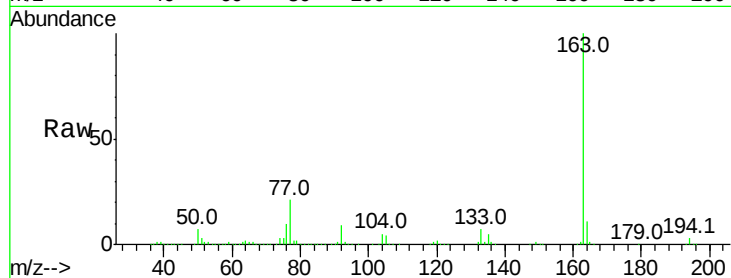
Tot Ion:163 Resp: 1230229

Ion Ratio Lower Upper

163 100

194 3.4 3.0 4.4

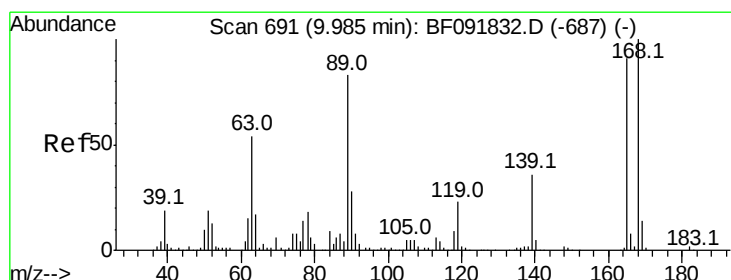
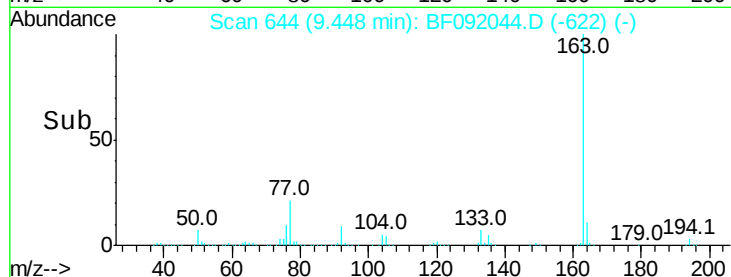
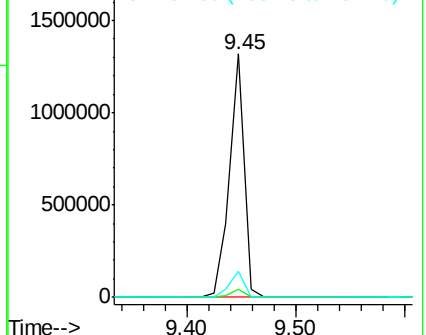
164 10.6 8.0 12.0



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: 7.38 ng

RT: 9.71 min Scan# 667

Delta R.T. -0.24 min

Lab File: BF092044.D

Acq: 30 Dec 2016 14:01

Tgt Ion:165 Resp: 67316

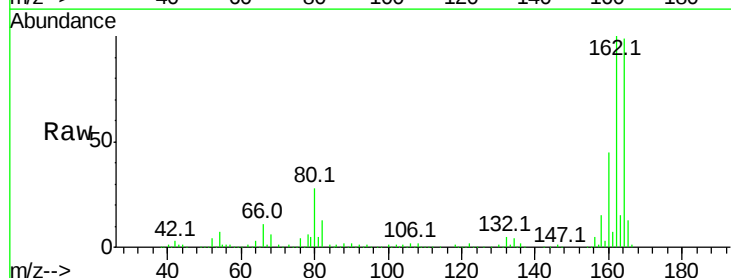
Ion Ratio Lower Upper

165 100

63 1.2 40.2 60.4#

89 1.3 62.5 93.7#

182 0.0 1.8 2.8#

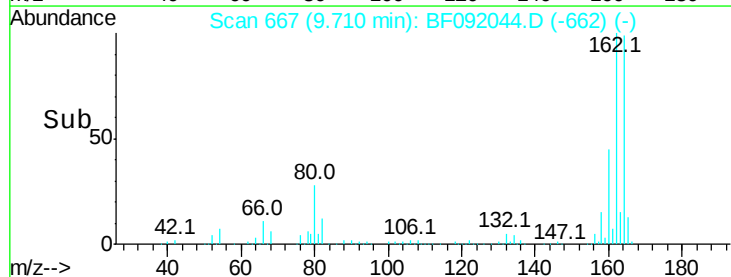
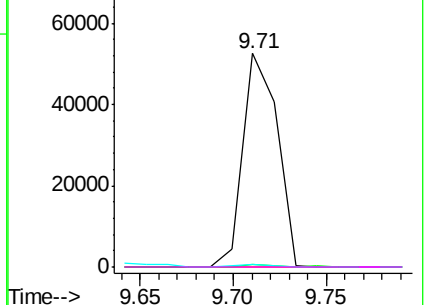


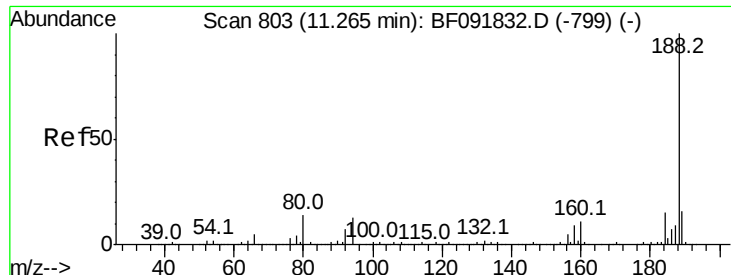
Abundance Ion 165.00 (164.70 to 165.70): E

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

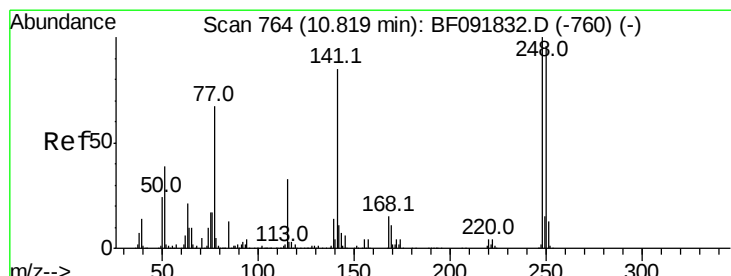
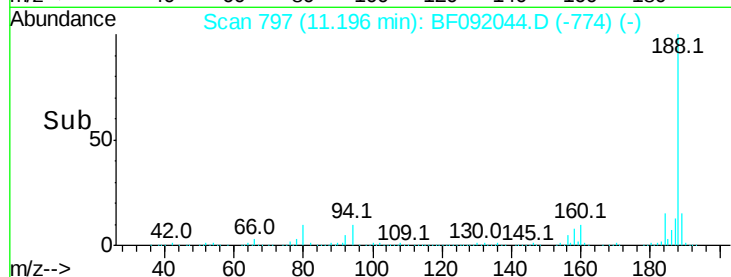
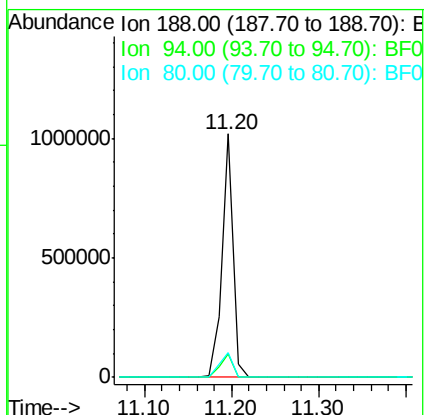
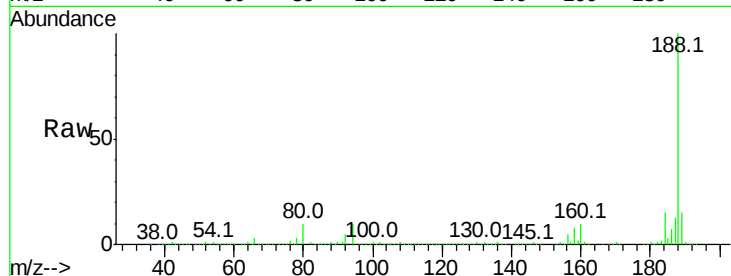




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.20 min Scan# 797
Delta R.T. -0.03 min
Lab File: BF092044.D
Acq: 30 Dec 2016 14:01

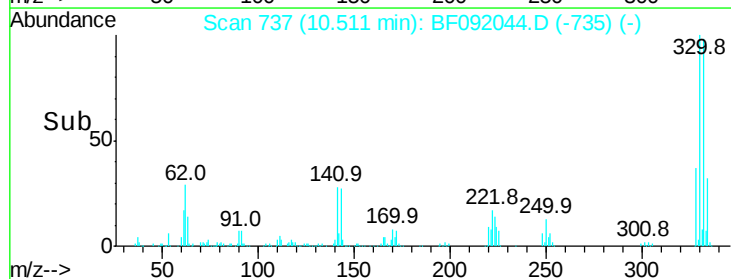
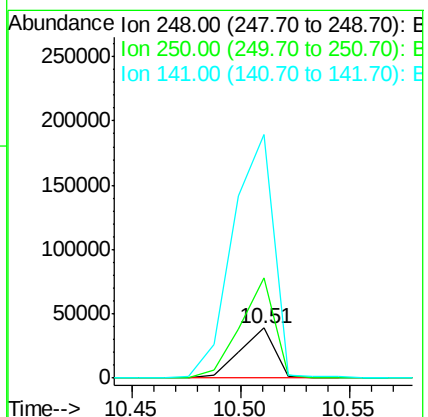
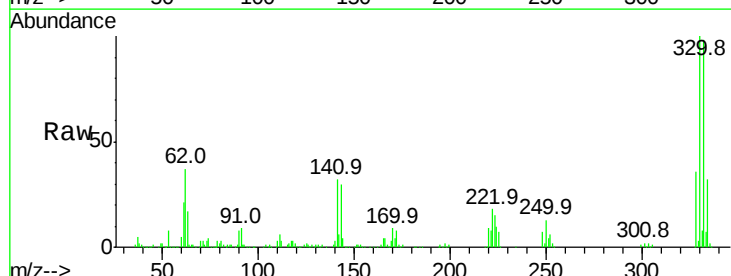
Instrument :
BNA_F
ClientSampleId :

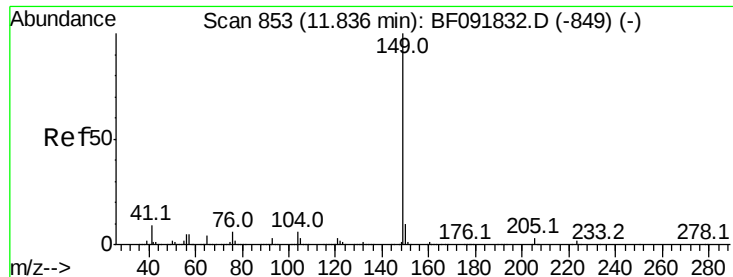
Tot Ion:188 Resp: 923566
Ion Ratio Lower Upper
188 100
94 9.8 10.0 15.0#
80 10.2 11.2 16.8#



#66
4-Bromophenyl-phenylether
Concen: 4.45 ng
RT: 10.51 min Scan# 737
Delta R.T. -0.27 min
Lab File: BF092044.D
Acq: 30 Dec 2016 14:01

Tgt Ion:248 Resp: 42796
Ion Ratio Lower Upper
248 100
250 201.2 76.9 115.3#
141 485.6 68.2 102.4#





#73

Di-n-butylphthalate

Concen: Below Cal

RT: 11.77 min Scan# 847

Delta R.T. -0.03 min

Lab File: BF092044.D

Acq: 30 Dec 2016 14:01

Instrument :

BNA_F

ClientSampleId :

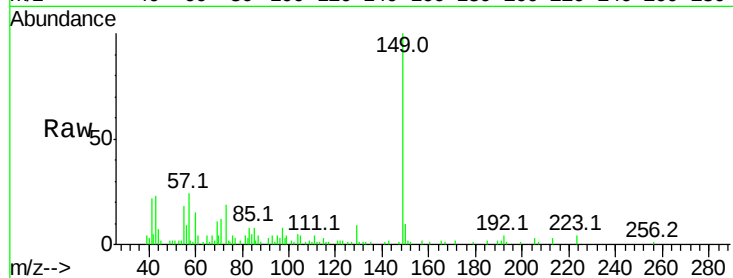
Tot Ion:149 Resp: 44663

Ion Ratio Lower Upper

149 100

150 9.6 8.1 12.1

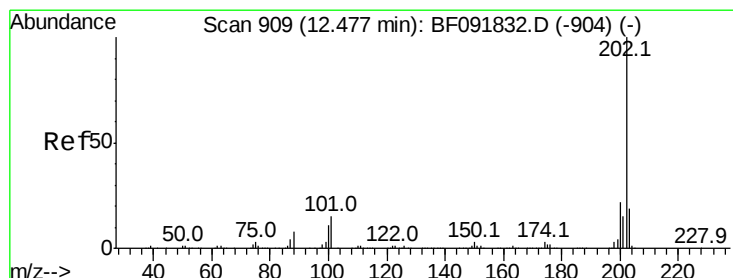
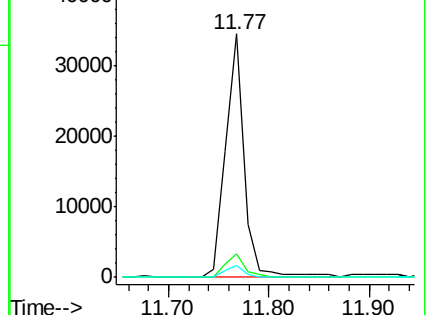
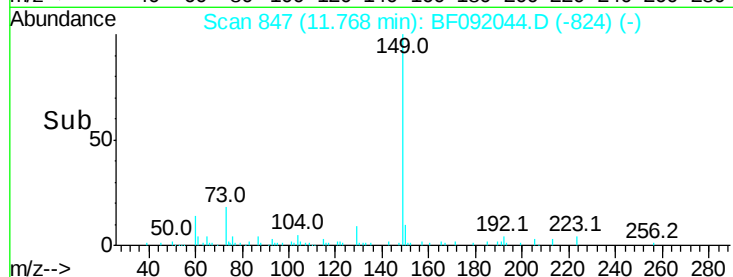
104 4.9 4.6 7.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: Below Cal

RT: 12.41 min Scan# 903

Delta R.T. -0.03 min

Lab File: BF092044.D

Acq: 30 Dec 2016 14:01

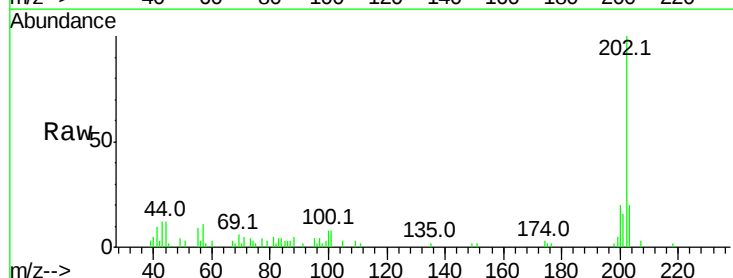
Tgt Ion:202 Resp: 20163

Ion Ratio Lower Upper

202 100

101 8.4 0.0 34.6

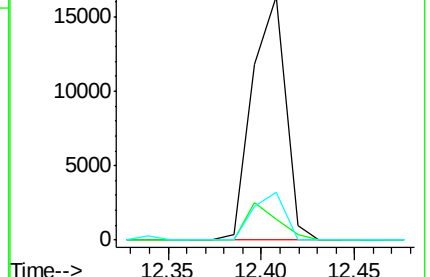
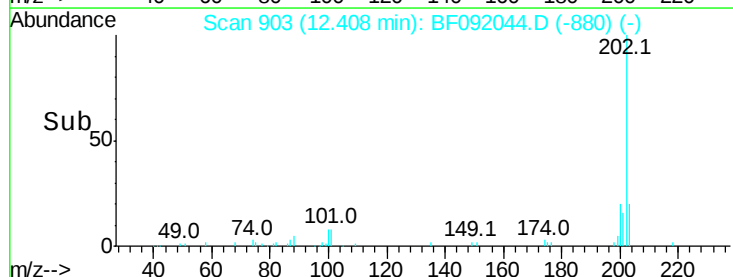
203 19.7 0.0 38.7

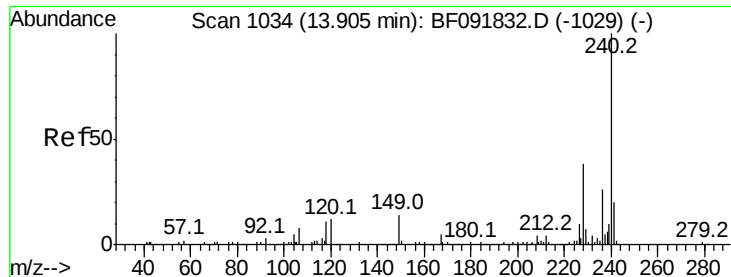


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.83 min Scan# 1027

Delta R.T. -0.05 min

Lab File: BF092044.D

Acq: 30 Dec 2016 14:01

Instrument :

BNA_F

ClientSampleId :

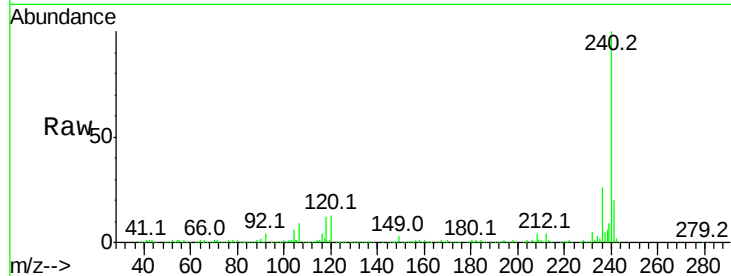
Tot Ion:240 Resp: 750081

Ion Ratio Lower Upper

240 100

120 13.4 12.9 19.3

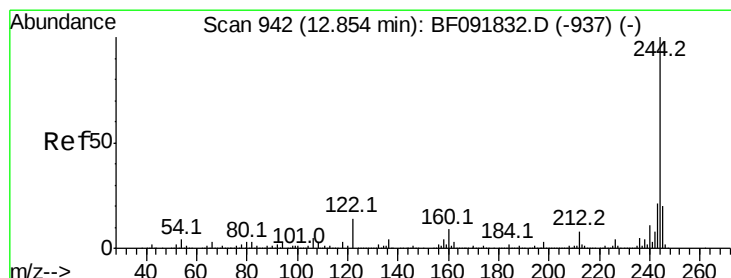
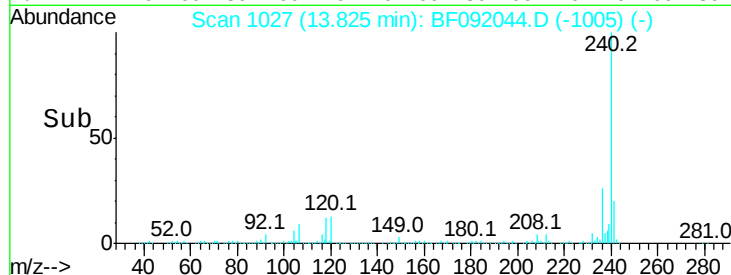
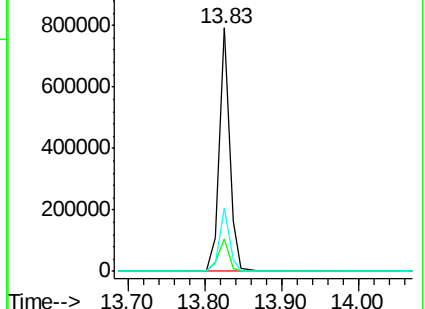
236 25.9 20.9 31.3



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: 71.29 ng

RT: 12.79 min Scan# 936

Delta R.T. -0.03 min

Lab File: BF092044.D

Acq: 30 Dec 2016 14:01

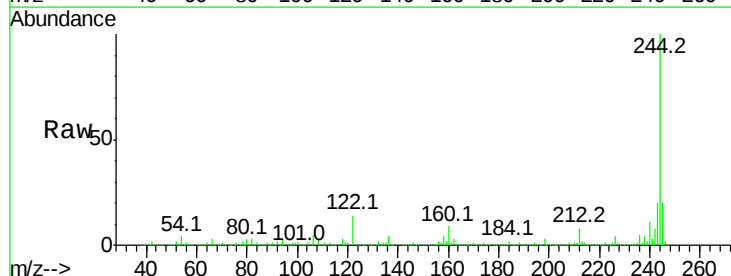
Tgt Ion:244 Resp: 2204902

Ion Ratio Lower Upper

244 100

212 7.7 6.2 9.2

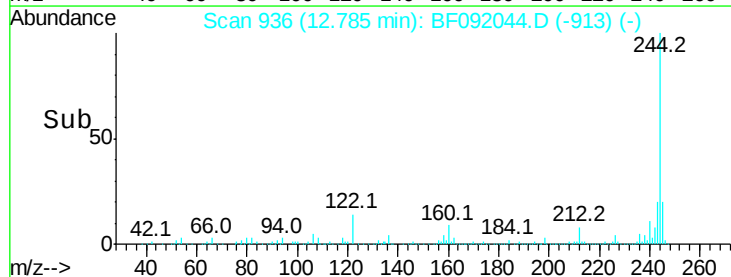
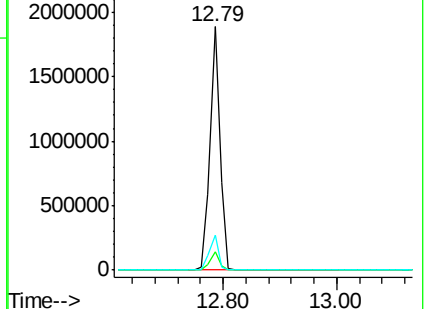
122 14.4 11.4 17.2

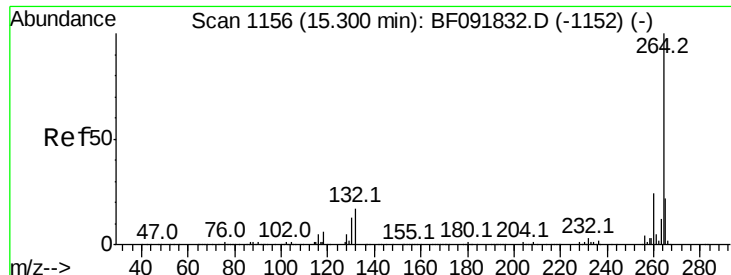


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

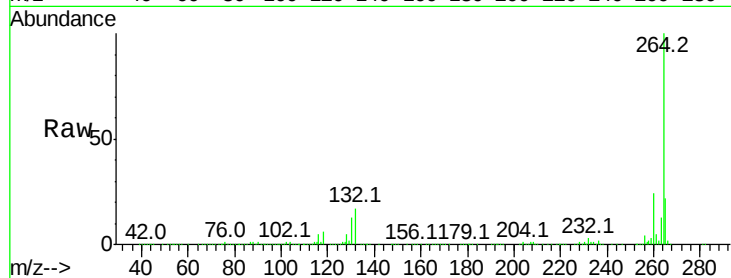




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.21 min Scan# 1148
 Delta R.T. -0.05 min
 Lab File: BF092044.D
 Acq: 30 Dec 2016 14:01

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	22.1	17.4	26.0



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

