

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030117\
 Data File : BF093300.D
 Acq On : 1 Mar 2017 20:15
 Operator : SJ/MA
 Sample : I2015-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 37A-9-11

Quant Time: Mar 02 00:05:04 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 17 17:31:55 2017
 Response via : Initial Calibration

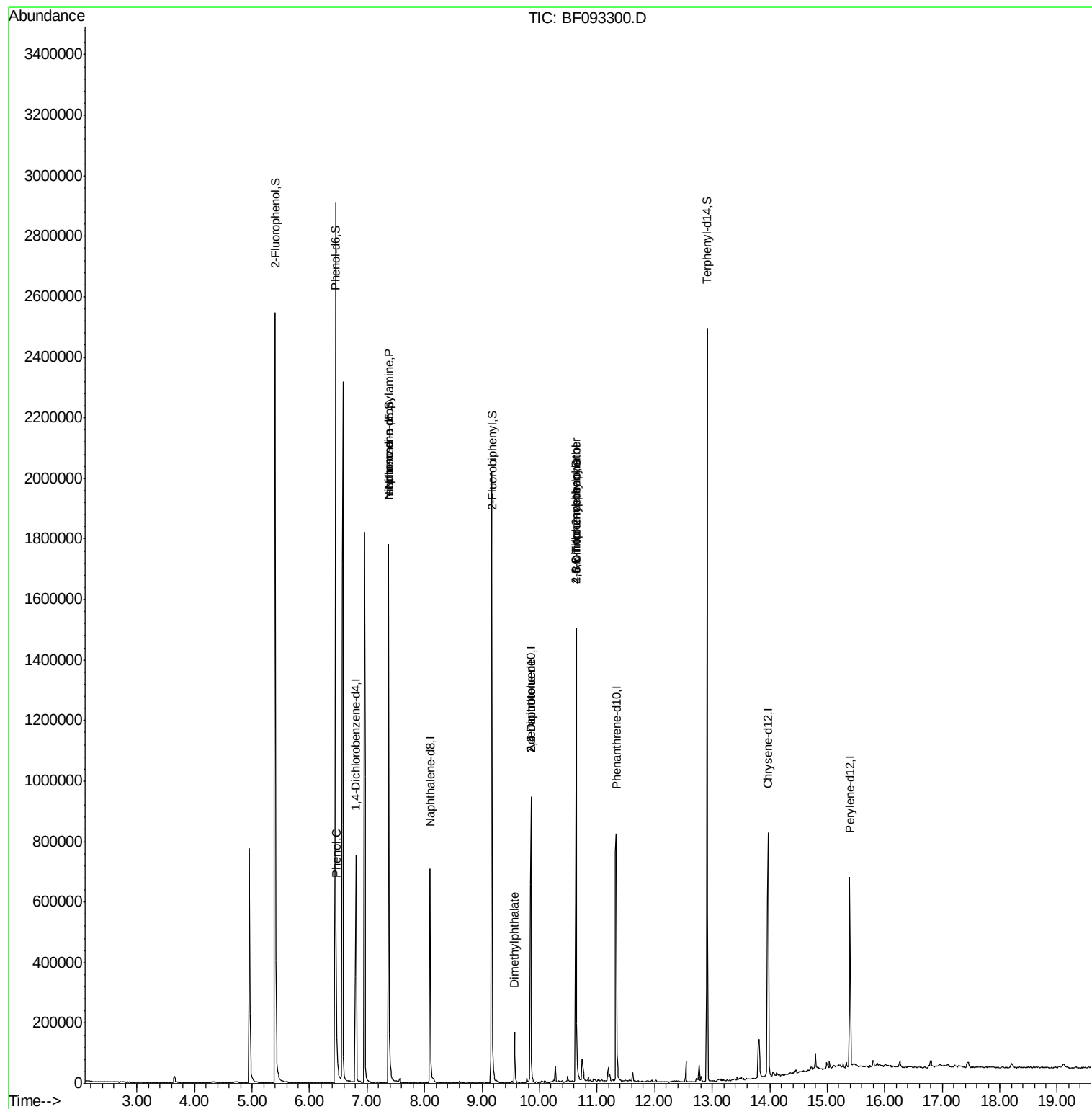
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	131343	20.00	ng	-0.05
21) Naphthalene-d8	8.10	136	528297	20.00	ng	-0.05
38) Acenaphthene-d10	9.85	164	246850	20.00	ng	-0.05
63) Phenanthrene-d10	11.33	188	451104	20.00	ng	-0.05
75) Chrysene-d12	13.97	240	355245	20.00	ng	-0.05
86) Perylene-d12	15.39	264	274798	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	798791	104.34	ng	-0.05
7) Phenol-d6	6.45	99	1005888	102.12	ng	-0.03
23) Nitrobenzene-d5	7.38	82	662121	69.79	ng	-0.05
41) 2,4,6-Tribromophenol	10.64	330	174814	97.91	ng	-0.05
44) 2-Fluorobiphenyl	9.17	172	961850	70.59	ng	-0.05
78) Terphenyl-d14	12.91	244	745960	49.34	ng	-0.06
Target Compounds						
10) Phenol	6.46	94	68150	5.91	ng	# 75
19) n-Nitroso-di-n-propylamine	7.38	70	88135	14.06	ng	# 77
25) Isophorone	7.38	82	500027	28.29	ng	# 65
49) Dimethylphthalate	9.56	163	85233	5.13	ng	# 98
50) 2,6-Dinitrotoluene	9.85	165	31236	8.70	ng	# 31
56) 2,4-Dinitrotoluene	9.85	165	31238	6.53	ng	# 20
64) 4,6-Dinitro-2-methylphenol	10.64	198	325	2.78	ng	# 1
66) 4-Bromophenyl-phenylether	10.64	248	13517	2.87	ng	# 1

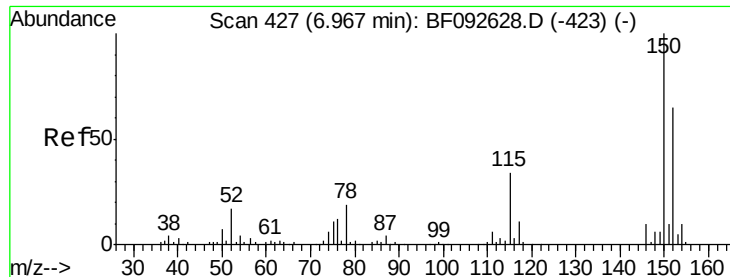
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.81 min Scan# 413

Delta R.T. -0.05 min

Lab File: BF093300.D

Acq: 1 Mar 2017 20:15

Instrument :

BNA_F

ClientSampleId :

37A-9-11

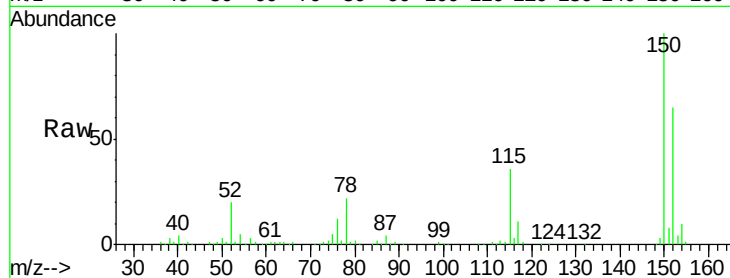
Tgt Ion:152 Resp: 131343

Ion Ratio Lower Upper

152 100

150 154.8 124.9 187.3

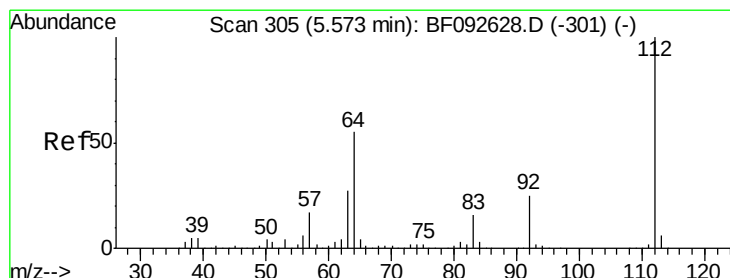
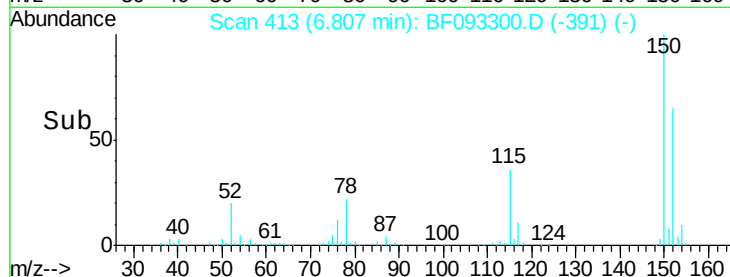
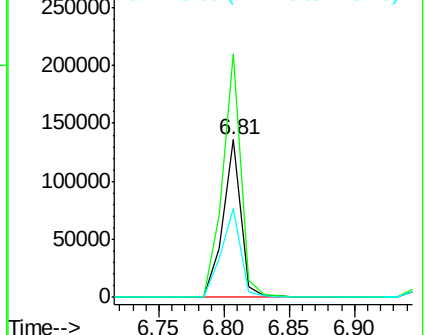
115 56.4 46.0 69.0



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: 104.34 ng

RT: 5.40 min Scan# 290

Delta R.T. -0.05 min

Lab File: BF093300.D

Acq: 1 Mar 2017 20:15

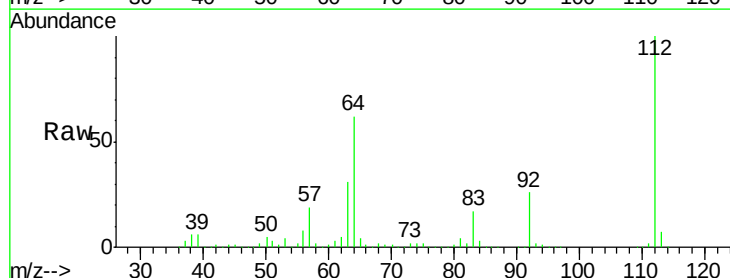
Tgt Ion:112 Resp: 798791

Ion Ratio Lower Upper

112 100

64 62.2 46.1 69.1

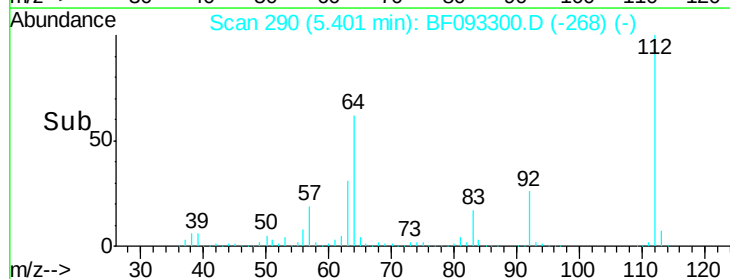
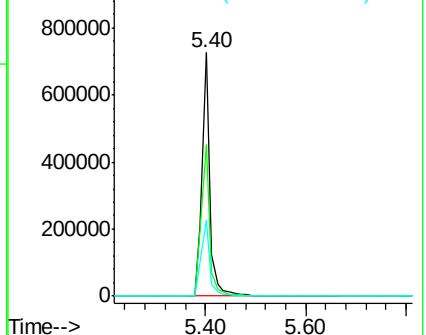
63 31.4 23.8 35.6

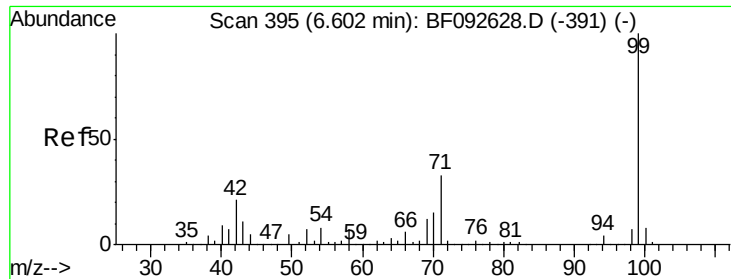


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 102.12 ng

RT: 6.45 min Scan# 382

Delta R.T. -0.03 min

Lab File: BF093300.D

Acq: 1 Mar 2017 20:15

Instrument :

BNA_F

ClientSampleId :

37A-9-11

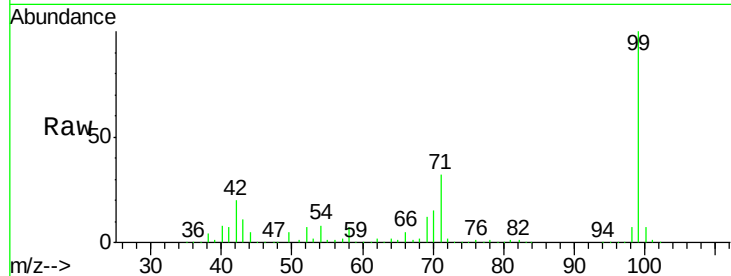
Tgt Ion: 99 Resp: 1005888

Ion Ratio Lower Upper

99 100

42 20.4 15.6 23.4

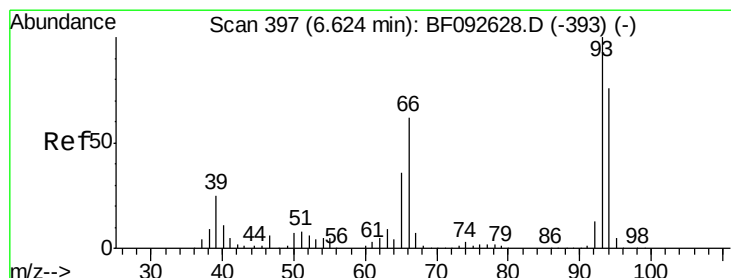
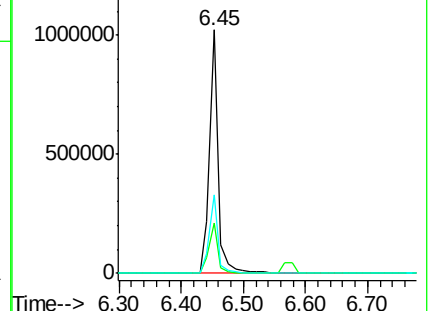
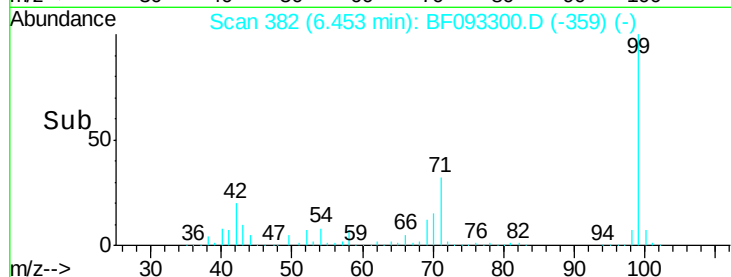
71 32.4 27.5 41.3



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



#10

Phenol

Concen: 5.91 ng

RT: 6.46 min Scan# 383

Delta R.T. -0.05 min

Lab File: BF093300.D

Acq: 1 Mar 2017 20:15

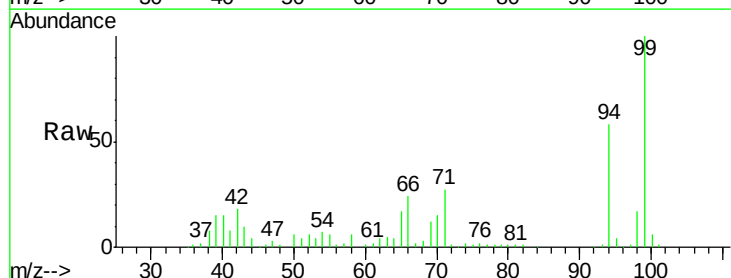
Tgt Ion: 94 Resp: 68150

Ion Ratio Lower Upper

94 100

65 29.0 21.4 61.4

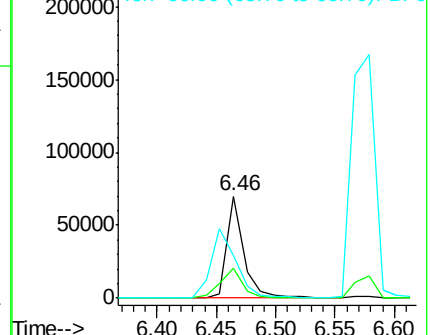
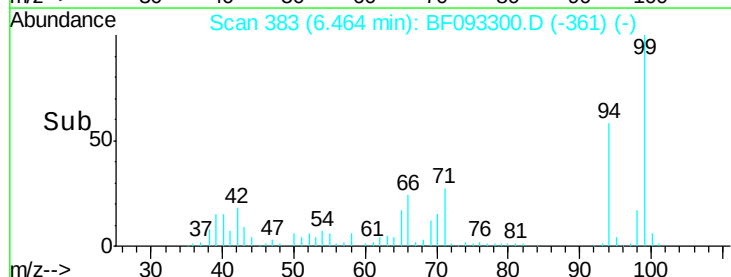
66 42.1 44.0 84.0#

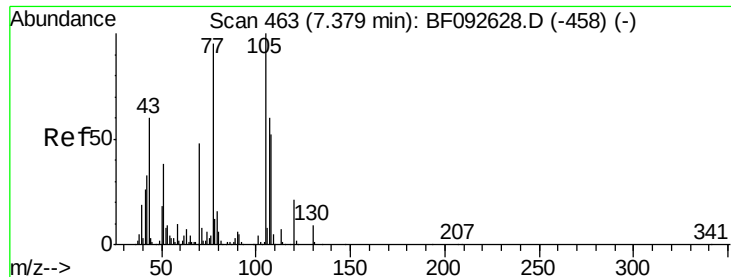


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

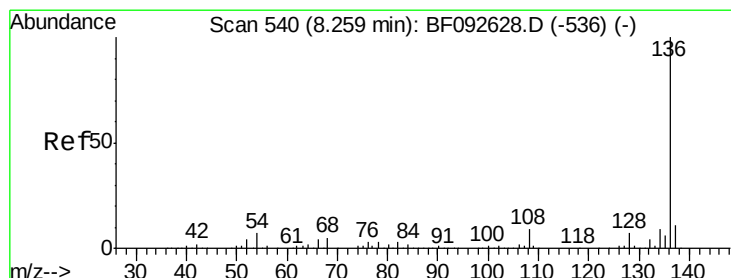
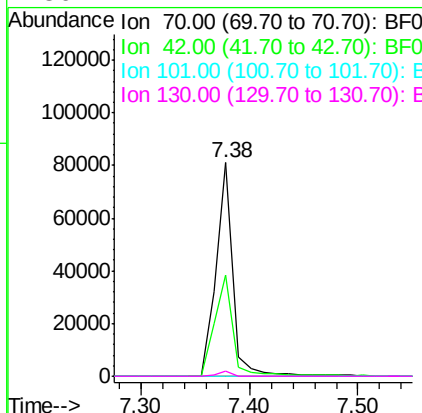
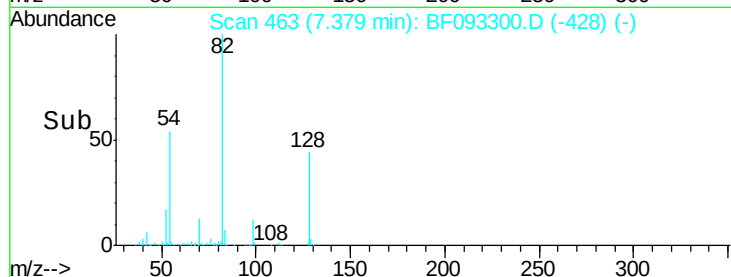
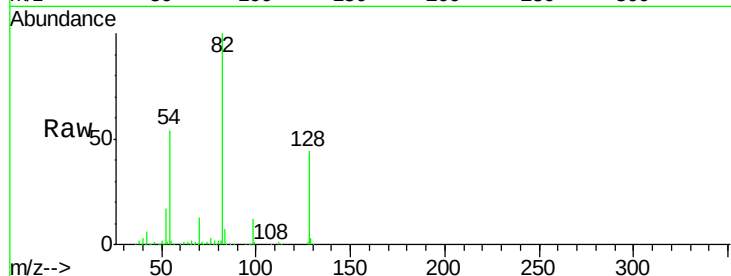




#19
n-Nitroso-di-n-propylamine
Concen: 14.06 ng
RT: 7.38 min Scan# 463
Delta R.T. 0.10 min
Lab File: BF093300.D
Acq: 1 Mar 2017 20:15

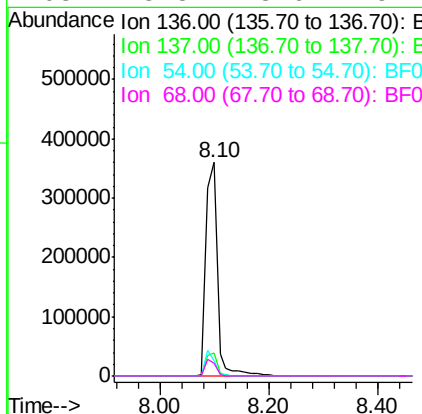
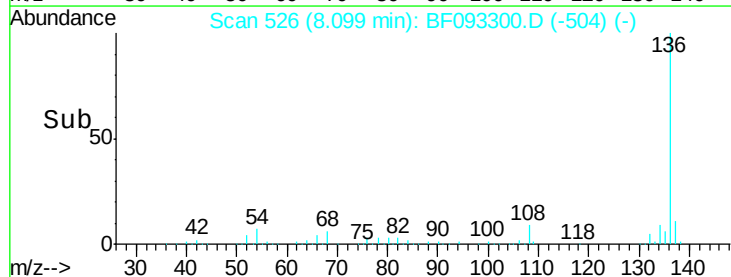
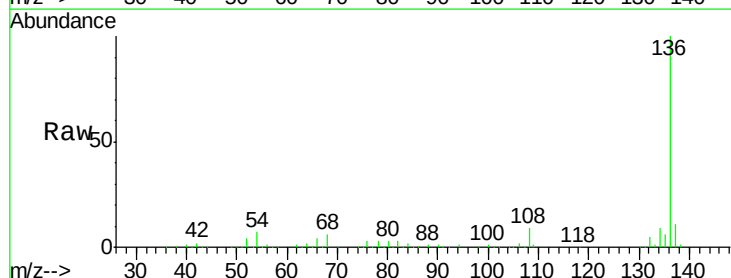
Instrument :
BNA_F
ClientSampleId :
37A-9-11

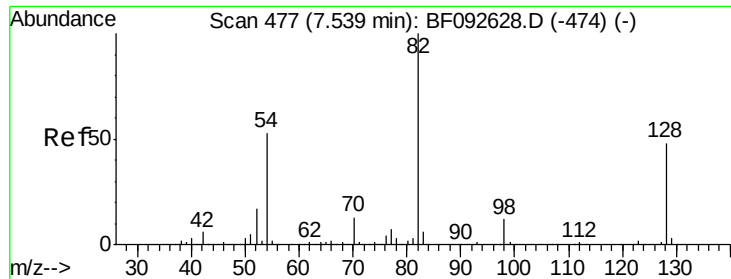
Tgt Ion: 70 Resp: 88135
Ion Ratio Lower Upper
70 100
42 47.4 49.4 74.0#
101 0.0 7.4 11.2#
130 2.2 14.2 21.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.10 min Scan# 526
Delta R.T. -0.05 min
Lab File: BF093300.D
Acq: 1 Mar 2017 20:15

Tgt Ion: 136 Resp: 528297
Ion Ratio Lower Upper
136 100
137 10.5 8.4 12.6
54 7.4 4.5 6.7#
68 5.8 3.6 5.4#

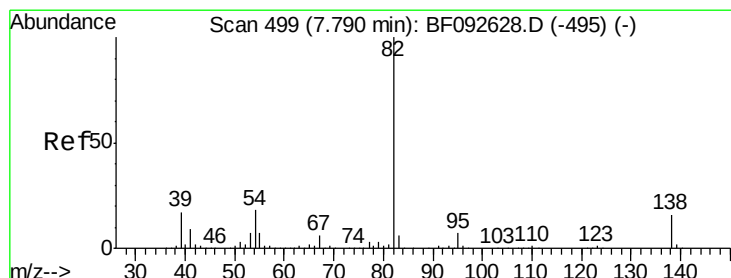
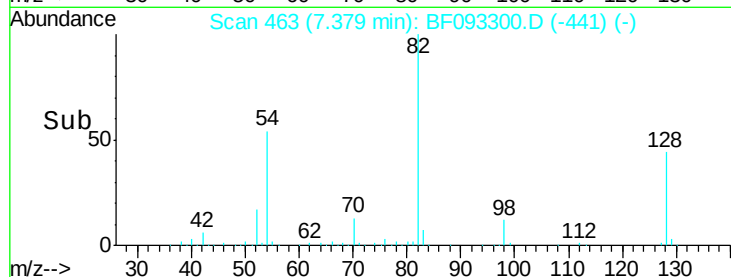
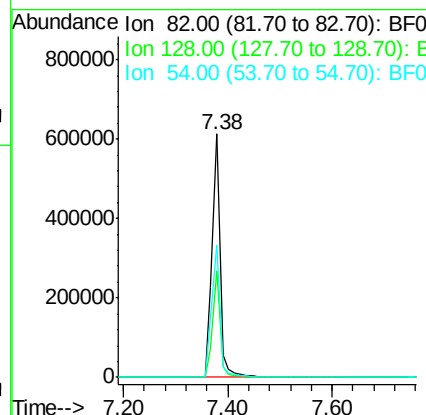
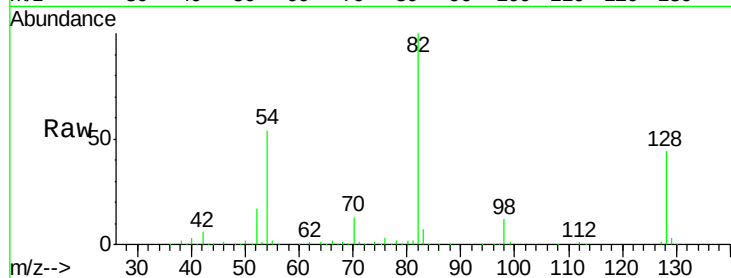




#23
 Nitrobenzene-d5
 Concen: 69.79 ng
 RT: 7.38 min Scan# 463
 Delta R.T. -0.05 min
 Lab File: BF093300.D
 Acq: 1 Mar 2017 20:15

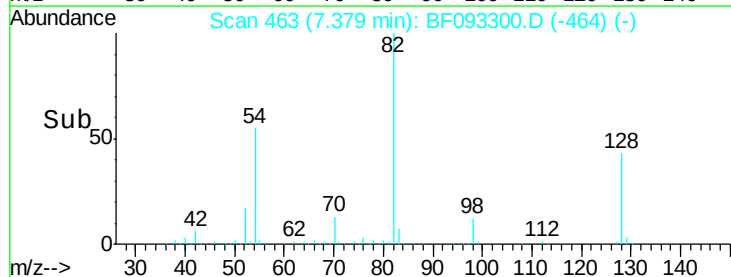
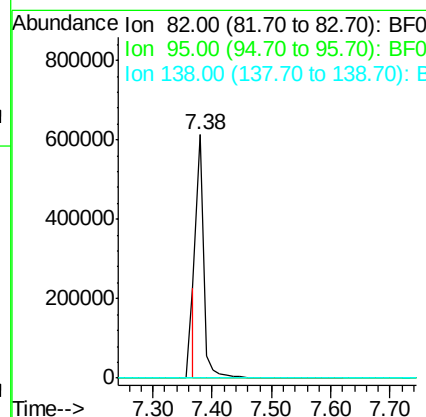
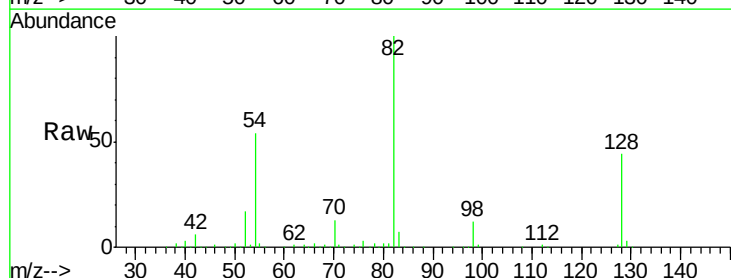
Instrument :
 BNA_F
 ClientSampleId :
 37A-9-11

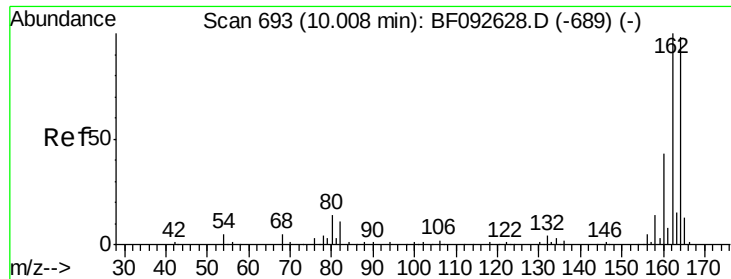
Tgt Ion: 82 Resp: 662121
 Ion Ratio Lower Upper
 82 100
 128 43.6 34.6 52.0
 54 54.1 39.5 59.3



#25
 Isophorone
 Concen: 28.29 ng
 RT: 7.38 min Scan# 463
 Delta R.T. -0.31 min
 Lab File: BF093300.D
 Acq: 1 Mar 2017 20:15

Tgt Ion: 82 Resp: 500027
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.6 8.4#
 138 0.0 14.6 22.0#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.85 min Scan# 679

Delta R.T. -0.05 min

Lab File: BF093300.D

Acq: 1 Mar 2017 20:15

Instrument :

BNA_F

ClientSampleId :

37A-9-11

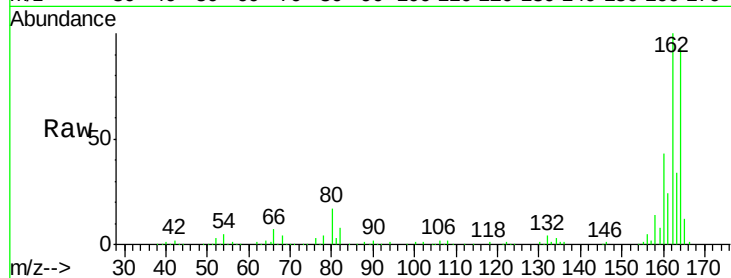
Tgt Ion:164 Resp: 246850

Ion Ratio Lower Upper

164 100

162 108.0 80.2 120.2

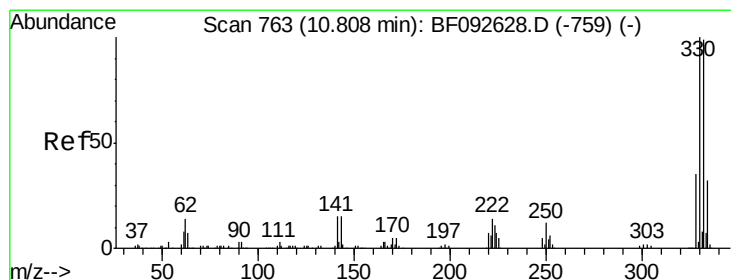
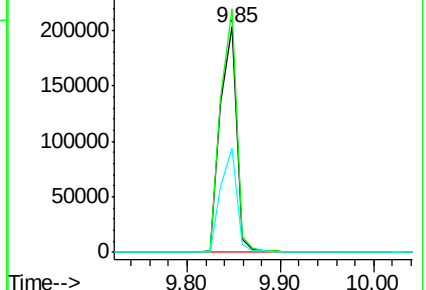
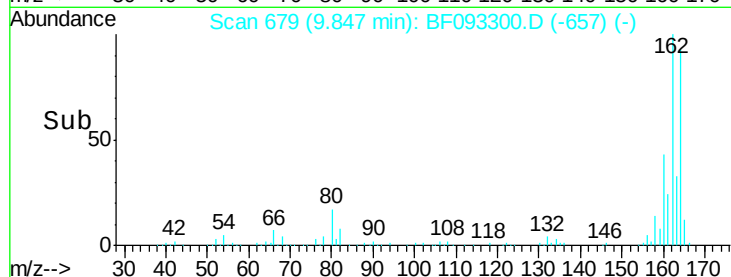
160 46.0 36.9 55.3



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: 97.91 ng

RT: 10.64 min Scan# 748

Delta R.T. -0.05 min

Lab File: BF093300.D

Acq: 1 Mar 2017 20:15

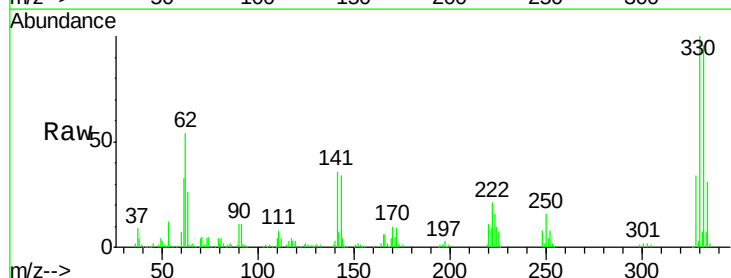
Tgt Ion:330 Resp: 174814

Ion Ratio Lower Upper

330 100

332 96.2 77.4 116.2

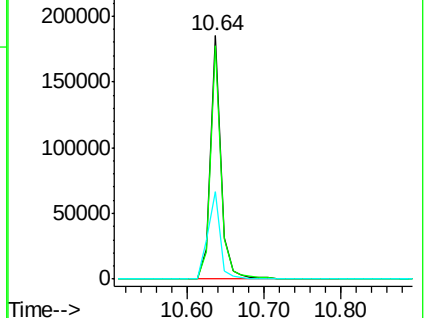
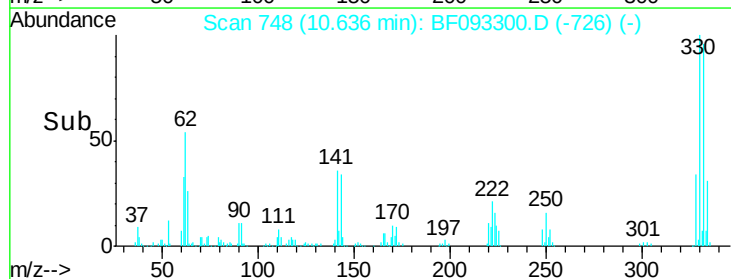
141 42.9 34.1 51.1

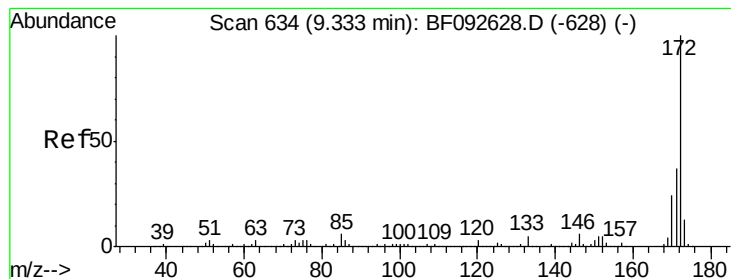


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

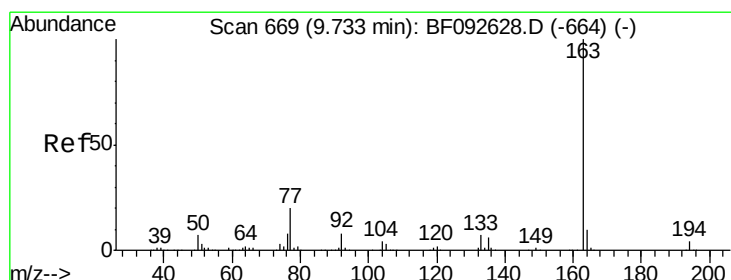
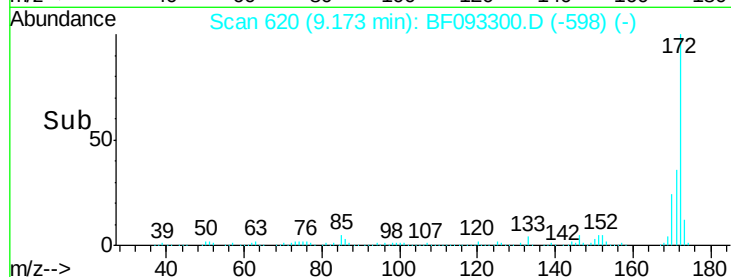
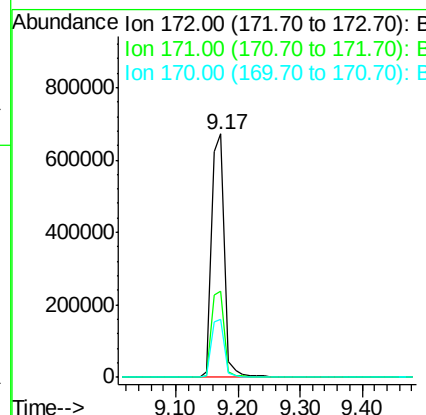
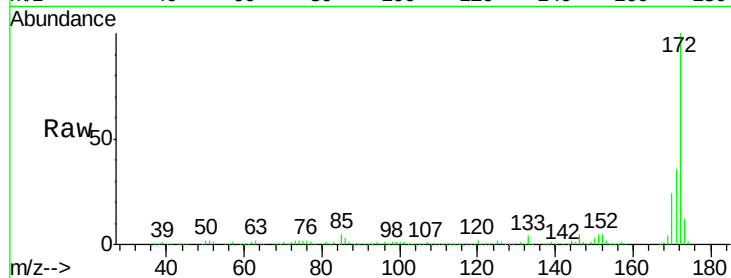




#44
 2-Fluorobiphenyl
 Concen: 70.59 ng
 RT: 9.17 min Scan# 620
 Delta R.T. -0.05 min
 Lab File: BF093300.D
 Acq: 1 Mar 2017 20:15

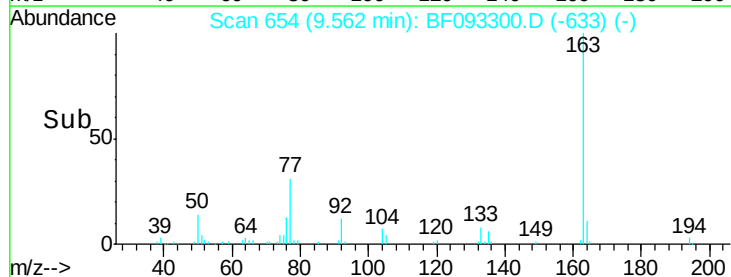
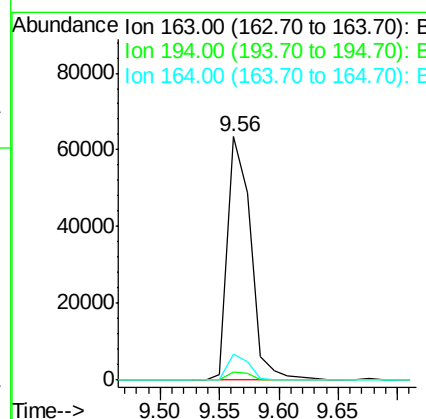
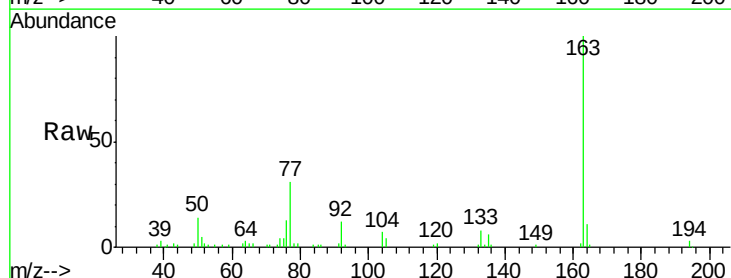
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 37A-9-11

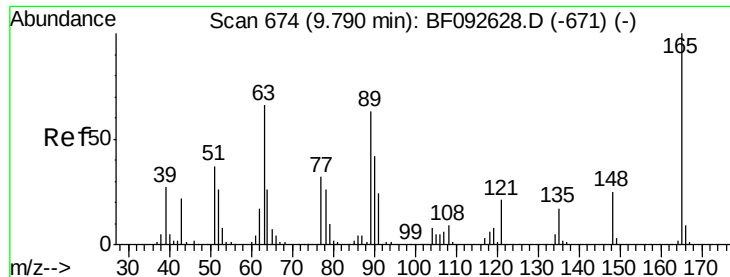
Tgt Ion:172 Resp: 961850
 Ion Ratio Lower Upper
 172 100
 171 35.6 29.4 44.0
 170 24.0 20.2 30.4



#49
 Dimethylphthalate
 Concen: 5.13 ng
 RT: 9.56 min Scan# 654
 Delta R.T. -0.06 min
 Lab File: BF093300.D
 Acq: 1 Mar 2017 20:15

Tgt Ion:163 Resp: 85233
 Ion Ratio Lower Upper
 163 100
 194 3.3 3.0 4.4
 164 10.7 8.0 12.0

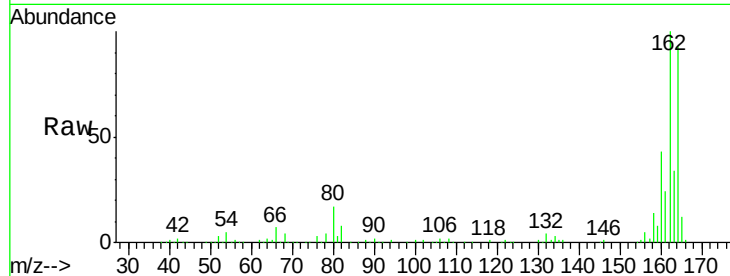




#50
 2,6-Dinitrotoluene
 Concen: 8.70 ng
 RT: 9.85 min Scan# 679
 Delta R.T. 0.16 min
 Lab File: BF093300.D
 Acq: 1 Mar 2017 20:15

Instrument :
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 ClientSampleId :
 37A-9-11

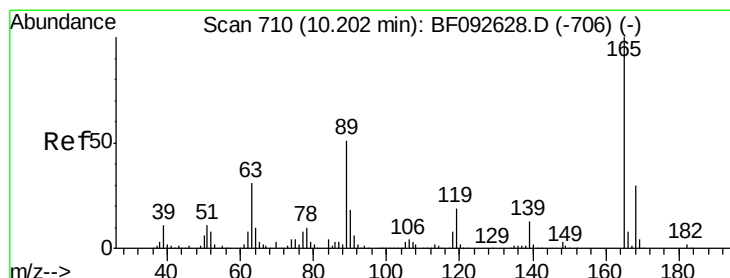
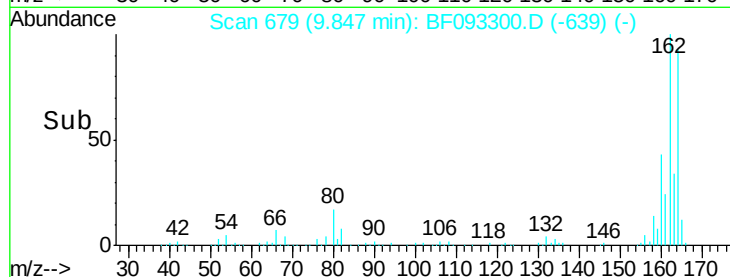
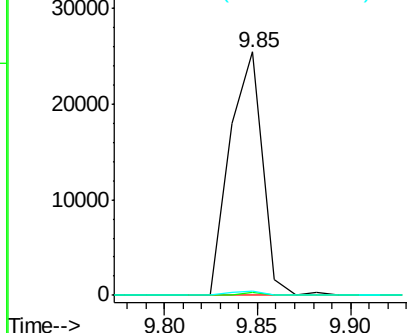
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.2	36.2	54.4#
89	1.8	40.2	60.4#



Abundance Ion 165.00 (164.70 to 165.70): E

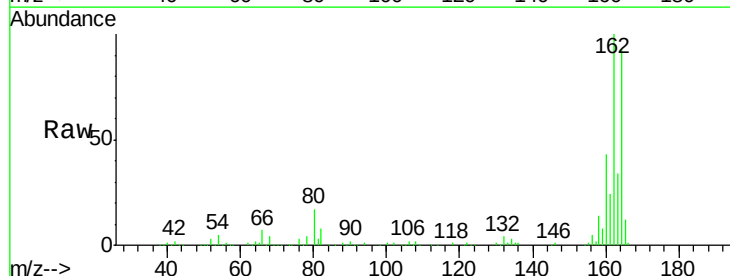
Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0



#56
 2,4-Dinitrotoluene
 Concen: 6.53 ng
 RT: 9.85 min Scan# 679
 Delta R.T. -0.24 min
 Lab File: BF093300.D
 Acq: 1 Mar 2017 20:15

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.2	40.2	60.4#
89	1.8	62.5	93.7#
182	0.0	1.8	2.8#

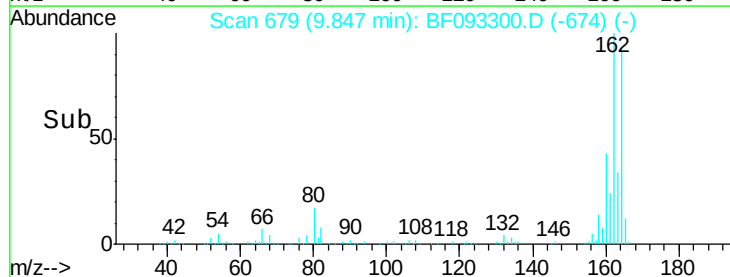
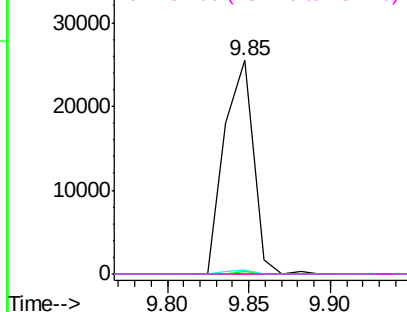


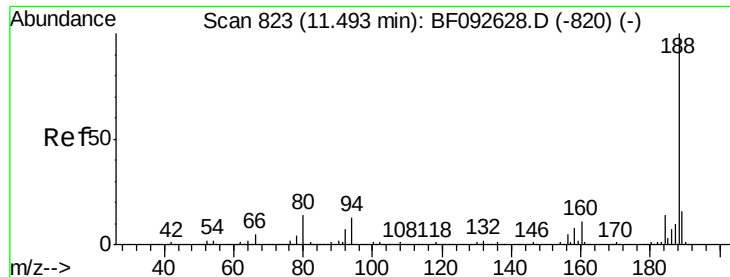
Abundance Ion 165.00 (164.70 to 165.70): E

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

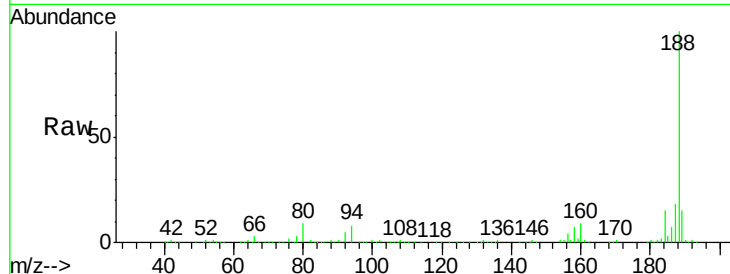




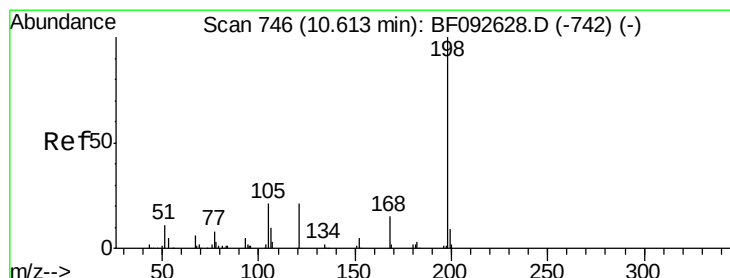
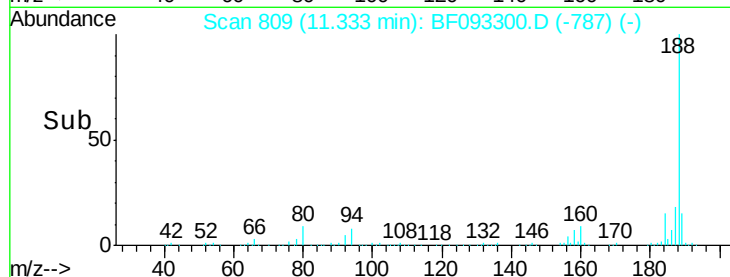
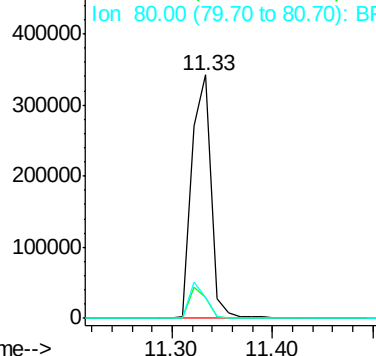
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.33 min Scan# 809
Delta R.T. -0.05 min
Lab File: BF093300.D
Acq: 1 Mar 2017 20:15

Instrument :
BNA_F
ClientSampleId :
37A-9-11

Tgt Ion:188 Resp: 451104
Ion Ratio Lower Upper
188 100
94 8.5 10.0 15.0#
80 8.6 11.2 16.8#

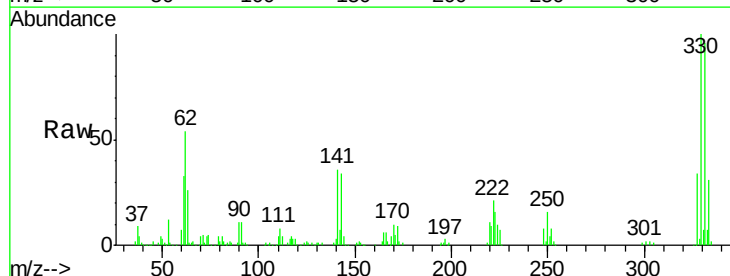


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

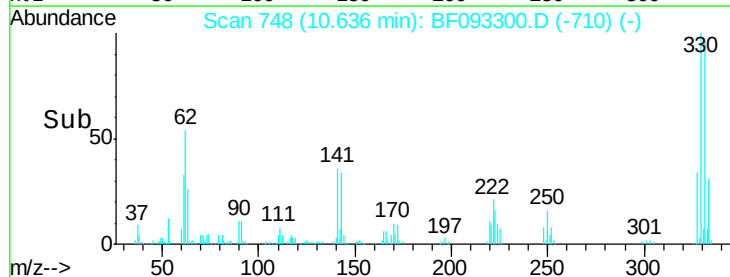
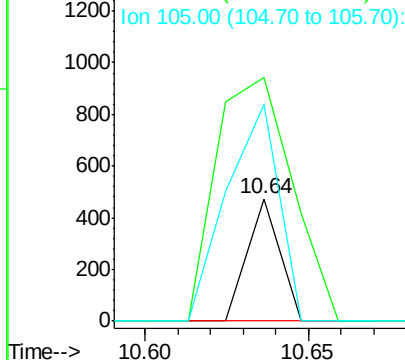


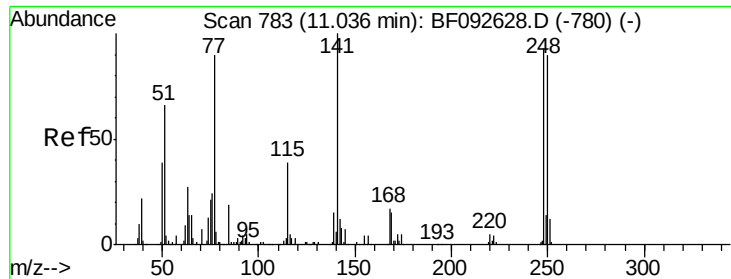
#64
4,6-Dinitro-2-methylphenol
Concen: 2.78 ng
RT: 10.64 min Scan# 748
Delta R.T. 0.14 min
Lab File: BF093300.D
Acq: 1 Mar 2017 20:15

Tgt Ion:198 Resp: 325
Ion Ratio Lower Upper
198 100
51 198.7 6.7 46.7#
105 176.6 16.6 56.6#



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E





#66

4-Bromophenyl-phenylether

Concen: 2.87 ng

RT: 10.64 min Scan# 748

Delta R.T. -0.29 min

Lab File: BF093300.D

Acq: 1 Mar 2017 20:15

Instrument :

BNA_F

ClientSampleId :

37A-9-11

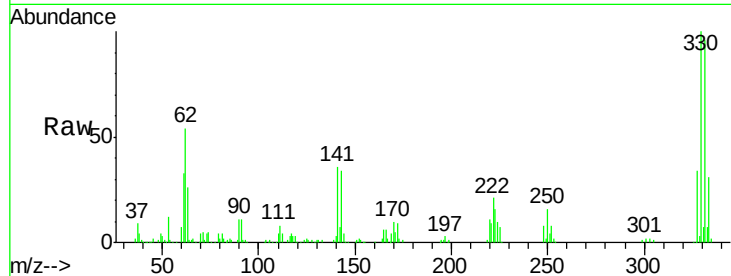
Tgt Ion:248 Resp: 13517

Ion Ratio Lower Upper

248 100

250 202.6 76.9 115.3#

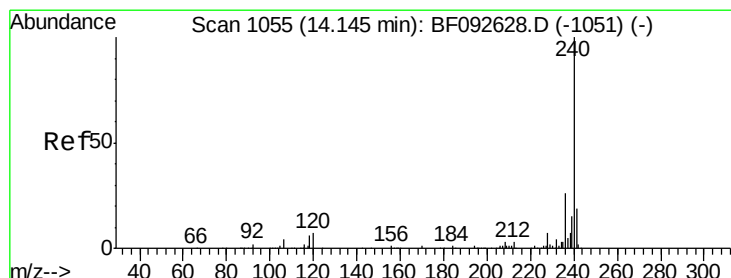
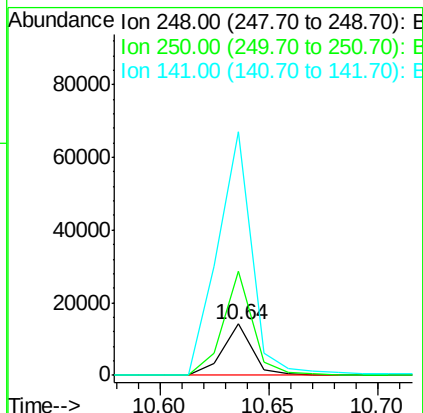
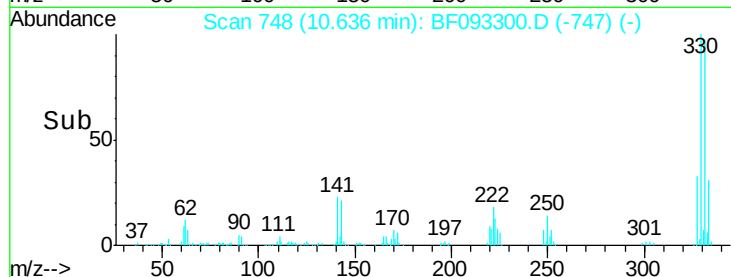
141 472.8 68.2 102.4#



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.97 min Scan# 1040

Delta R.T. -0.05 min

Lab File: BF093300.D

Acq: 1 Mar 2017 20:15

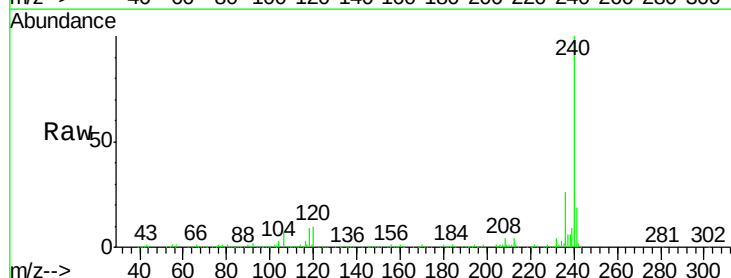
Tgt Ion:240 Resp: 355245

Ion Ratio Lower Upper

240 100

120 10.3 12.9 19.3#

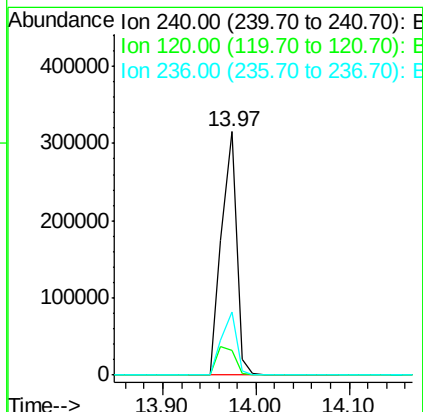
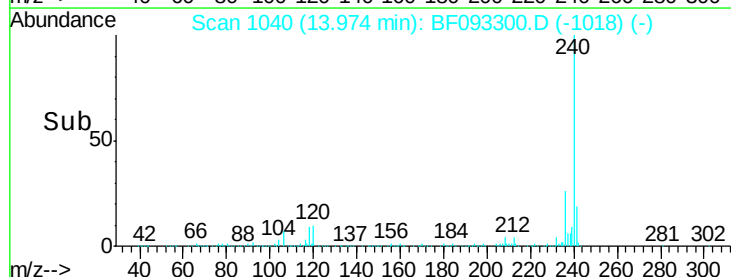
236 25.9 20.9 31.3

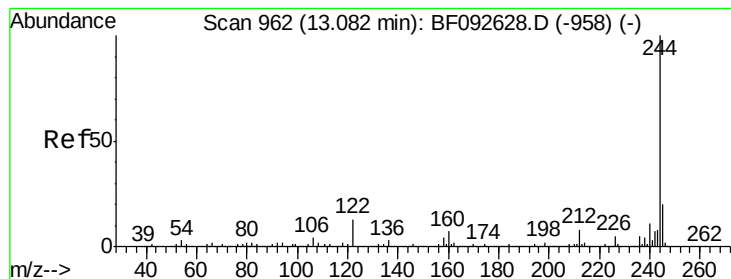


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 49.34 ng

RT: 12.91 min Scan# 947

Delta R.T. -0.06 min

Lab File: BF093300.D

Acq: 1 Mar 2017 20:15

Instrument :

BNA_F

ClientSampleId :

37A-9-11

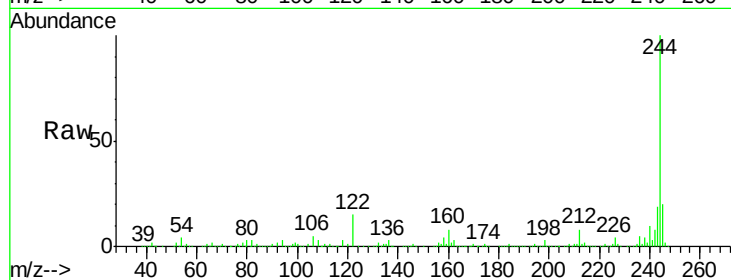
Tgt Ion:244 Resp: 745960

Ion Ratio Lower Upper

244 100

212 7.6 6.2 9.2

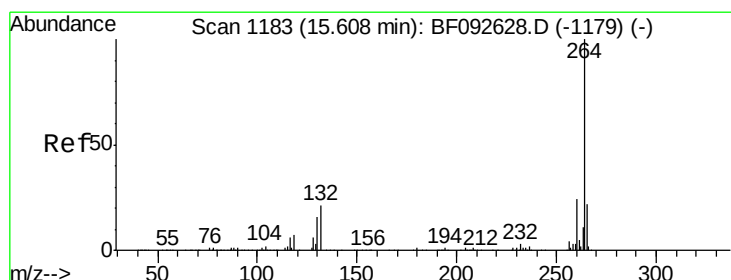
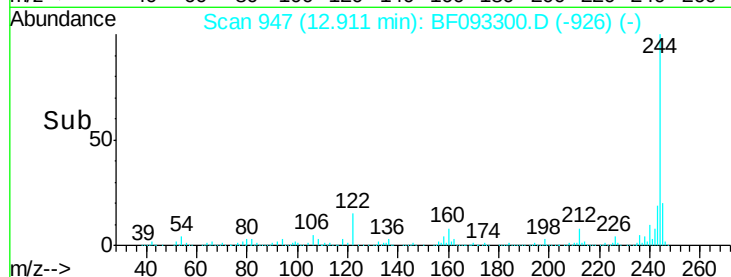
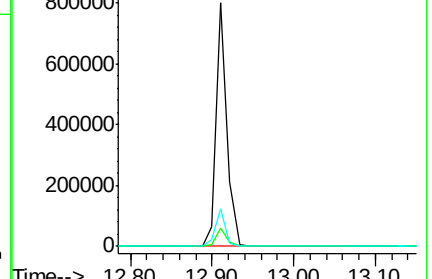
122 15.3 11.4 17.2



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

Perylene-d12

Concen: 20.00 ng

RT: 15.39 min Scan# 1164

Delta R.T. -0.06 min

Lab File: BF093300.D

Acq: 1 Mar 2017 20:15

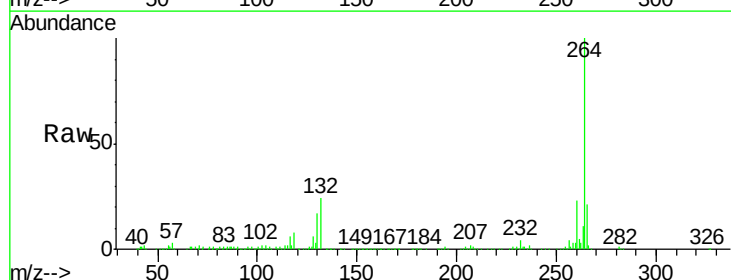
Tgt Ion:264 Resp: 274798

Ion Ratio Lower Upper

264 100

260 23.3 19.2 28.8

265 21.2 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

