

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030117\
 Data File : BF093292.D
 Acq On : 1 Mar 2017 16:28
 Operator : SJ/MA
 Sample : I2035-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-EE9-EE10-EE11-EE12

Quant Time: Mar 02 00:02:54 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

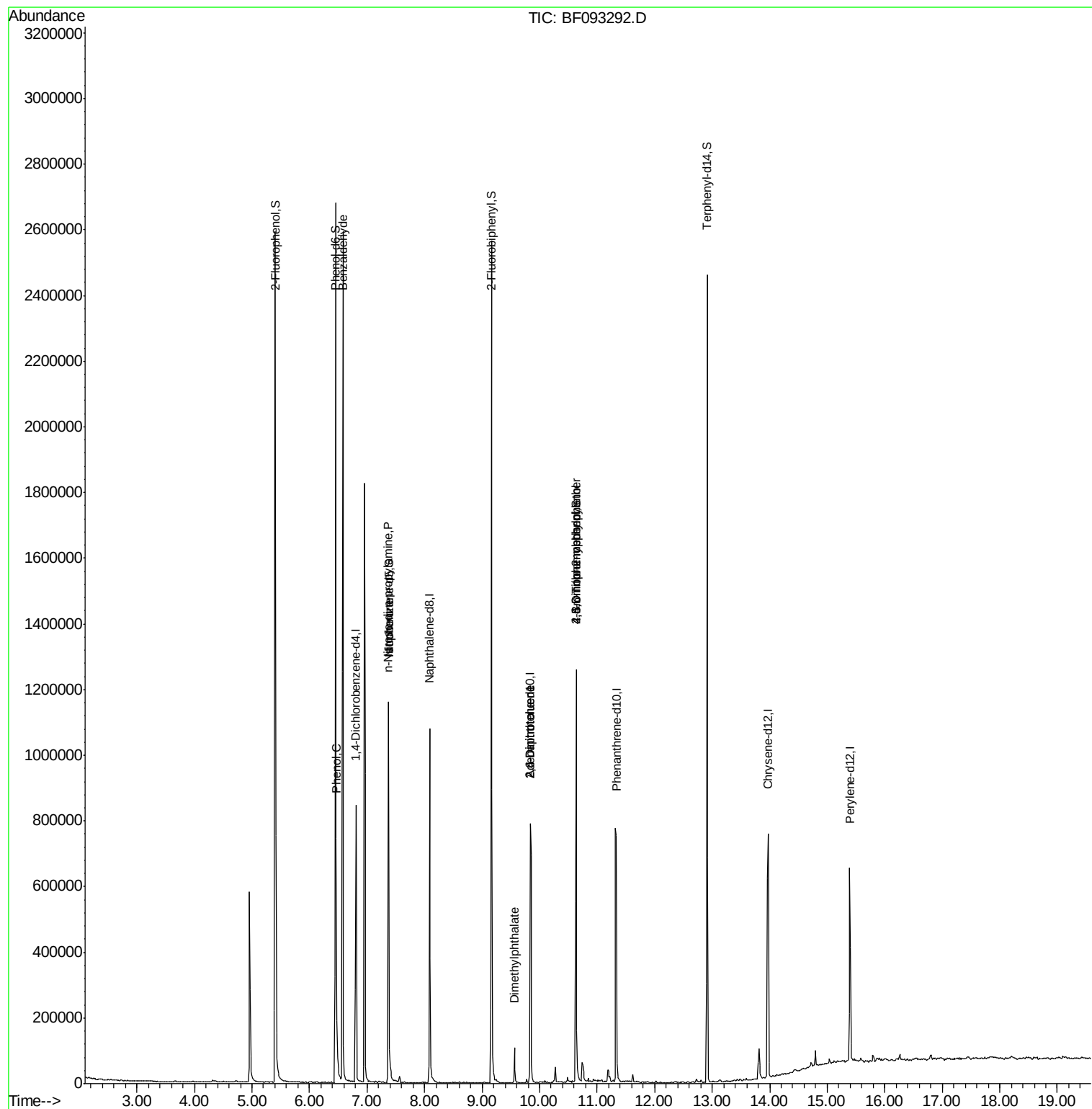
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	135779	20.00	ng	-0.05
21) Naphthalene-d8	8.09	136	537479	20.00	ng	-0.06
38) Acenaphthene-d10	9.84	164	229495	20.00	ng	-0.06
63) Phenanthrene-d10	11.33	188	440847	20.00	ng	-0.05
75) Chrysene-d12	13.97	240	358302	20.00	ng	-0.05
86) Perylene-d12	15.39	264	269808	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	738211	93.28	ng	-0.05
7) Phenol-d6	6.45	99	917421	90.09	ng	-0.03
23) Nitrobenzene-d5	7.38	82	598150	61.97	ng	-0.05
41) 2,4,6-Tribromophenol	10.64	330	158100	95.25	ng	-0.05
44) 2-Fluorobiphenyl	9.16	172	912624	72.04	ng	-0.06
78) Terphenyl-d14	12.91	244	766601	50.27	ng	-0.06
Target Compounds						
9) Benzaldehyde	6.58	77	16937	2.32	ng	Qvalue 82
10) Phenol	6.46	94	67797	5.69	ng	83
19) n-Nitroso-di-n-propylamine	7.37	70	78857	12.17	ng	# 87
25) Isophorone	7.38	82	595951	33.14	ng	# 65
49) Dimethylphthalate	9.56	163	51414	3.33	ng	99
50) 2,6-Dinitrotoluene	9.84	165	29316	8.78	ng	# 30
56) 2,4-Dinitrotoluene	9.84	165	29312	6.60	ng	# 19
64) 4,6-Dinitro-2-methylphenol	10.64	198	228	2.75	ng	# 1
66) 4-Bromophenyl-phenylether	10.64	248	11703	2.54	ng	# 1

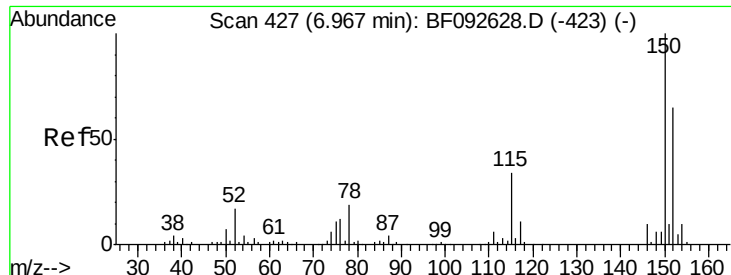
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF093292.D

Acq: 1 Mar 2017 16:28

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-EE9-EE10-EE11-EE12

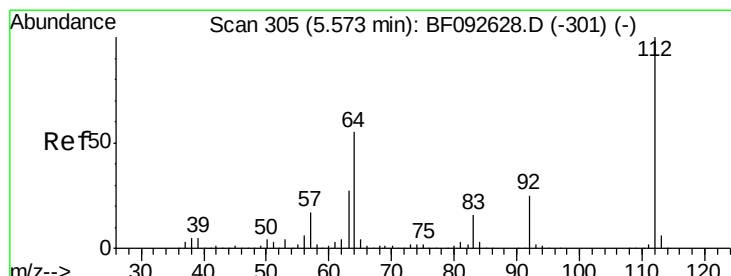
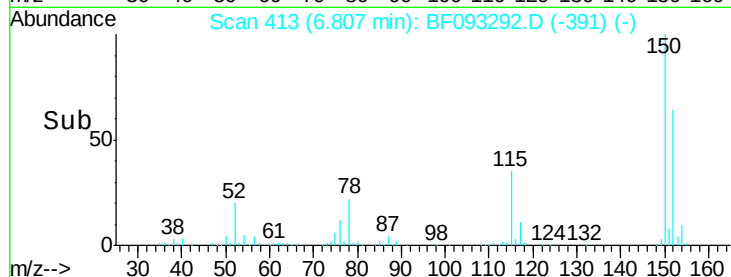
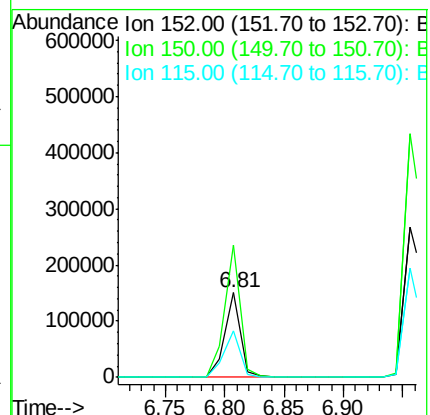
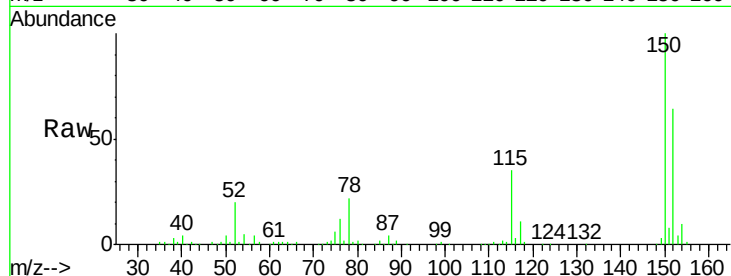
Tgt Ion:152 Resp: 135779

Ion Ratio Lower Upper

152 100

150 157.0 124.9 187.3

115 55.5 46.0 69.0



#5

2-Fluorophenol

Concen: 93.28 ng

RT: 5.40 min Scan# 290

Delta R.T. -0.05 min

Lab File: BF093292.D

Acq: 1 Mar 2017 16:28

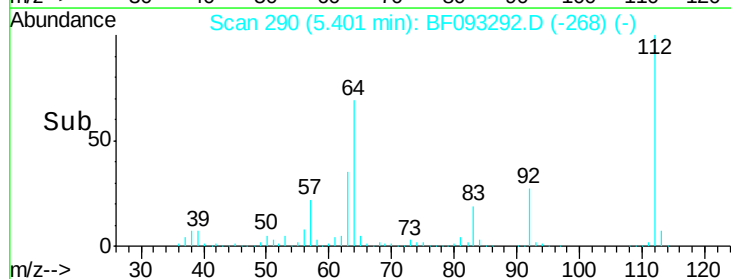
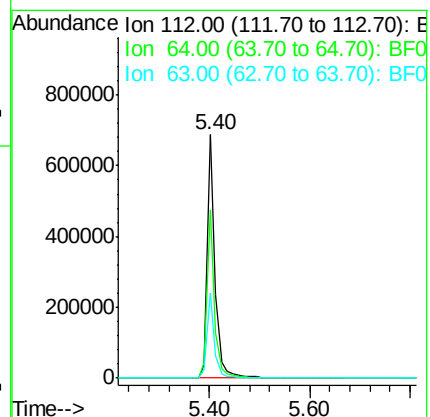
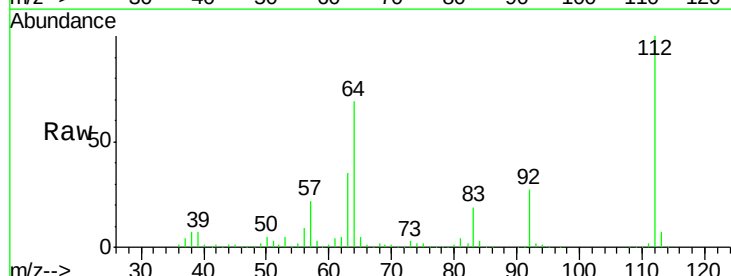
Tgt Ion:112 Resp: 738211

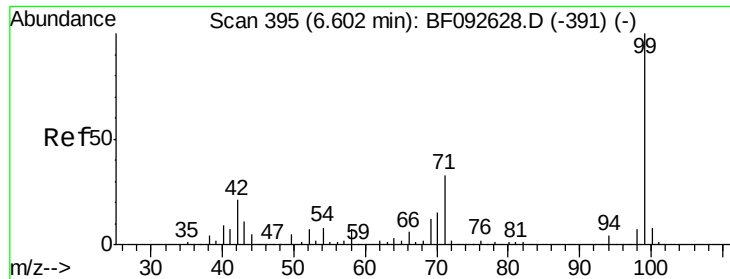
Ion Ratio Lower Upper

112 100

64 68.9 46.1 69.1

63 34.7 23.8 35.6





#7

Phenol-d6

Concen: 90.09 ng

RT: 6.45 min Scan# 382

Delta R.T. -0.03 min

Lab File: BF093292.D

Acq: 1 Mar 2017 16:28

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-EE9-EE10-EE11-EE12

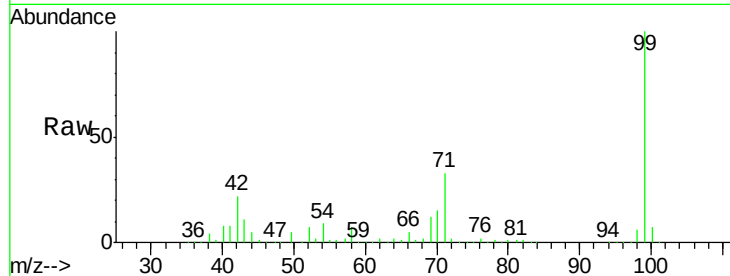
Tgt Ion: 99 Resp: 917421

Ion Ratio Lower Upper

99 100

42 22.0 15.6 23.4

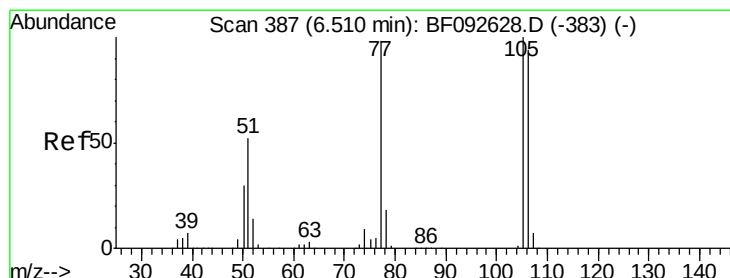
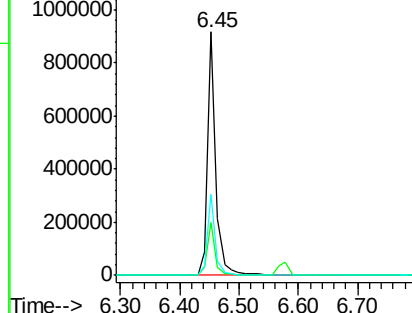
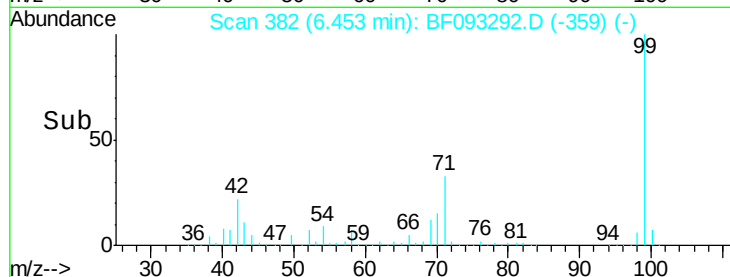
71 33.4 27.5 41.3



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



#9

Benzaldehyde

Concen: 2.32 ng

RT: 6.58 min Scan# 393

Delta R.T. 0.18 min

Lab File: BF093292.D

Acq: 1 Mar 2017 16:28

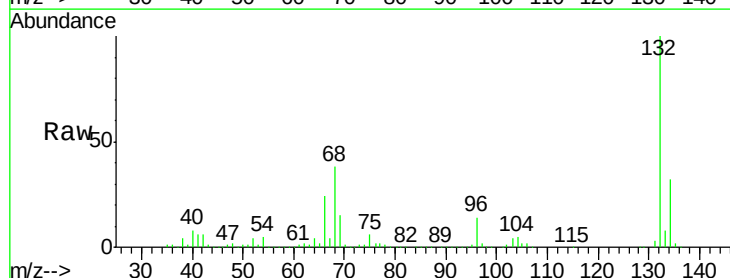
Tgt Ion: 77 Resp: 16937

Ion Ratio Lower Upper

77 100

105 84.8 83.9 123.9

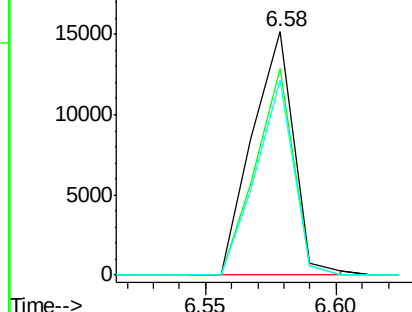
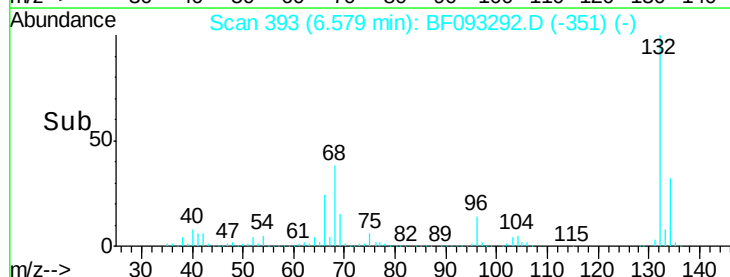
106 80.1 77.6 117.6

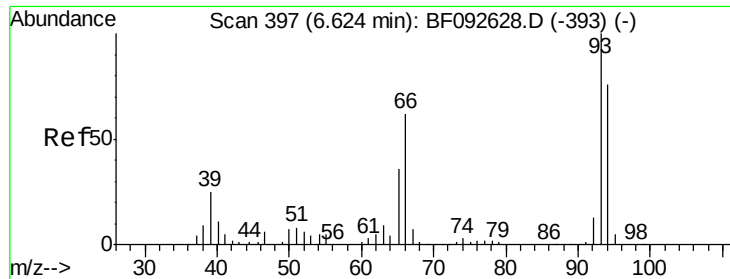


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 5.69 ng

RT: 6.46 min Scan# 383

Delta R.T. -0.05 min

Lab File: BF093292.D

Acq: 1 Mar 2017 16:28

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-EE9-EE10-EE11-EE12

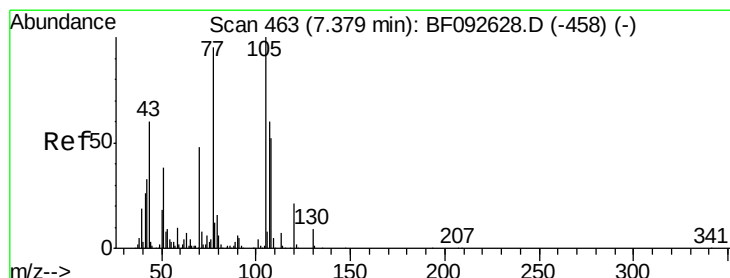
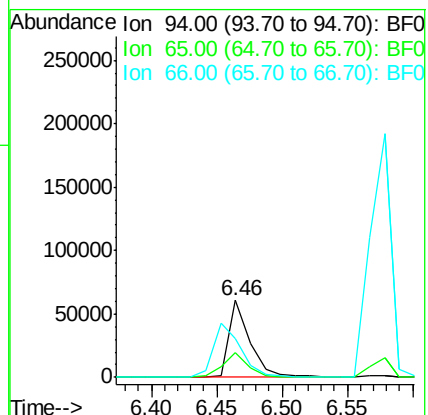
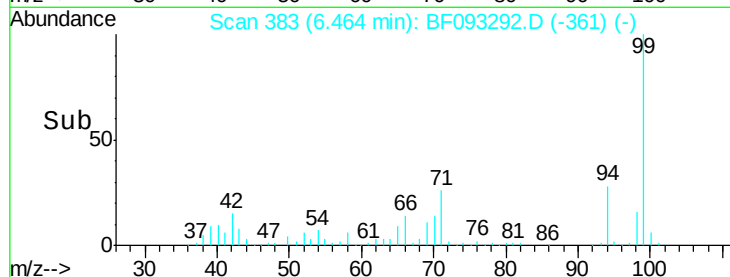
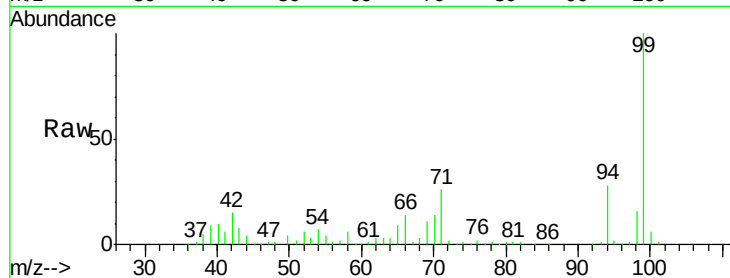
Tgt Ion: 94 Resp: 67797

Ion Ratio Lower Upper

94 100

65 31.4 21.4 61.4

66 49.9 44.0 84.0



#19

n-Nitroso-di-n-propylamine

Concen: 12.17 ng

RT: 7.37 min Scan# 462

Delta R.T. 0.09 min

Lab File: BF093292.D

Acq: 1 Mar 2017 16:28

Tgt Ion: 70 Resp: 78857

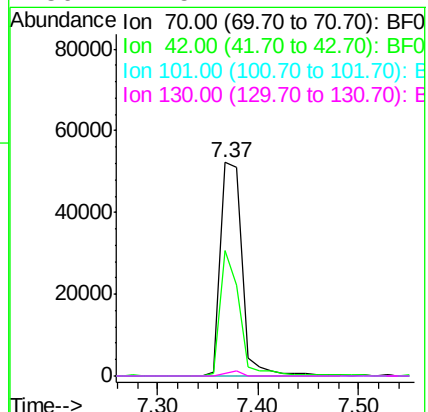
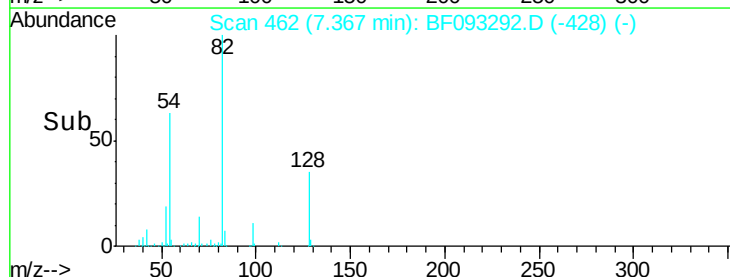
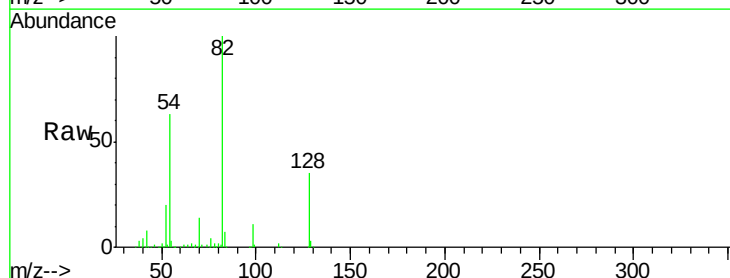
Ion Ratio Lower Upper

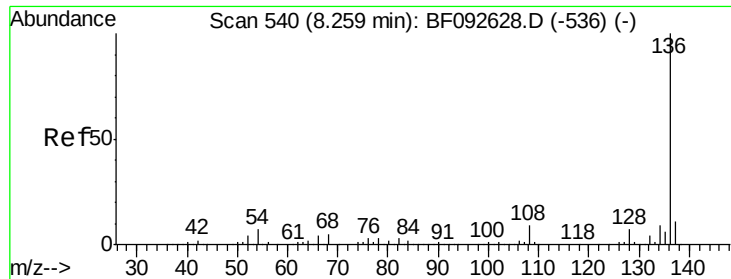
70 100

42 59.0 49.4 74.0

101 0.0 7.4 11.2#

130 1.5 14.2 21.4#

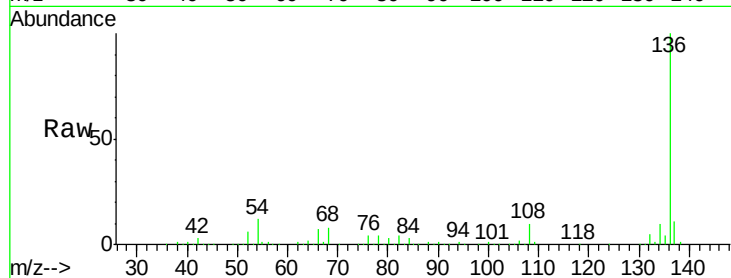




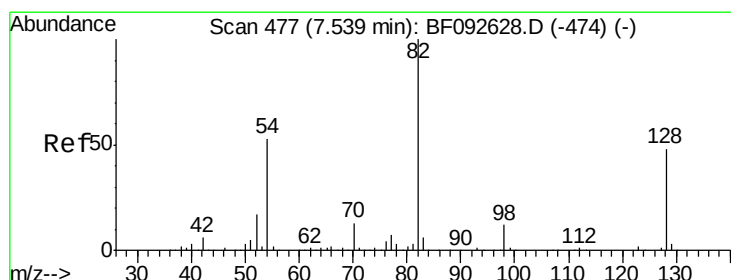
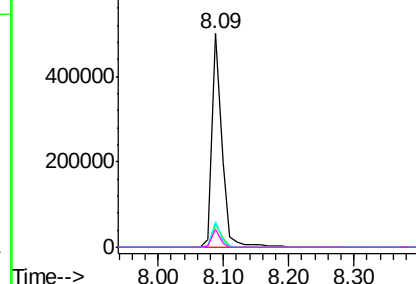
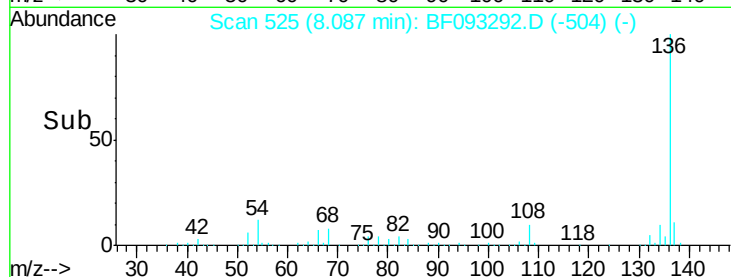
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.09 min Scan# 525
Delta R.T. -0.06 min
Lab File: BF093292.D
Acq: 1 Mar 2017 16:28

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-EE9-EE10-EE11-EE12

Tgt Ion:	136	Resp:	537479
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.4	12.6
54	12.0	4.5	6.7#
68	8.2	3.6	5.4#

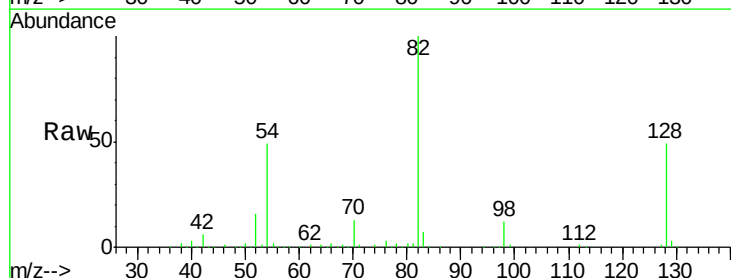


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

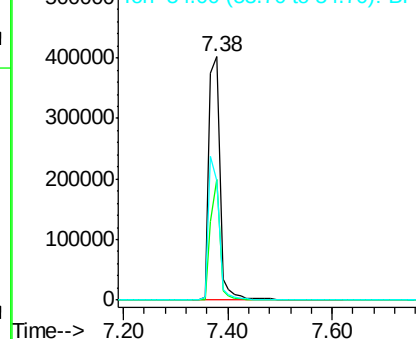
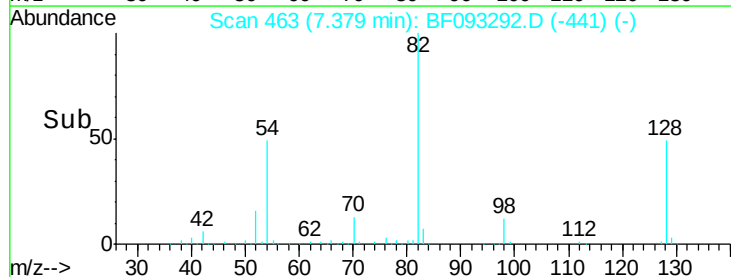


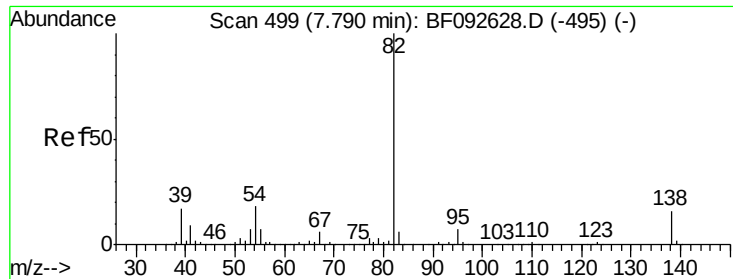
#23
Nitrobenzene-d5
Concen: 61.97 ng
RT: 7.38 min Scan# 463
Delta R.T. -0.05 min
Lab File: BF093292.D
Acq: 1 Mar 2017 16:28

Tgt Ion:	82	Resp:	598150
Ion	Ratio	Lower	Upper
82	100		
128	49.4	34.6	52.0
54	49.2	39.5	59.3



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





#25

Isophorone

Concen: 33.14 ng

RT: 7.38 min Scan# 463

Delta R.T. -0.31 min

Lab File: BF093292.D

Acq: 1 Mar 2017 16:28

Instrument :

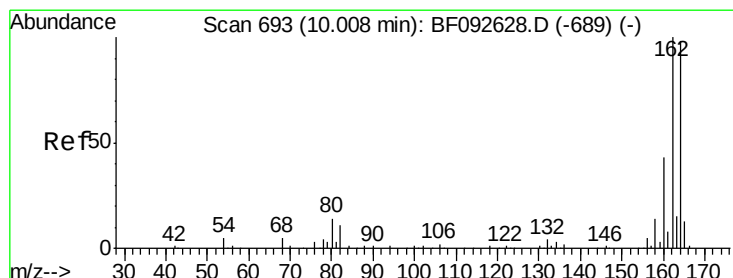
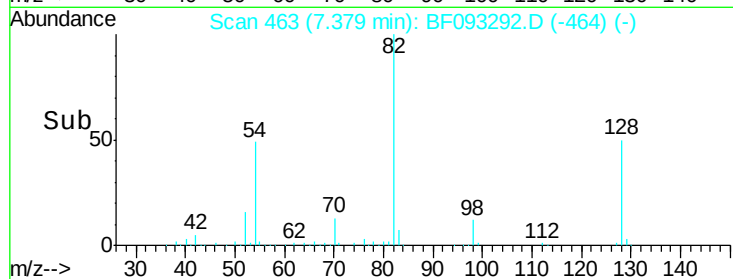
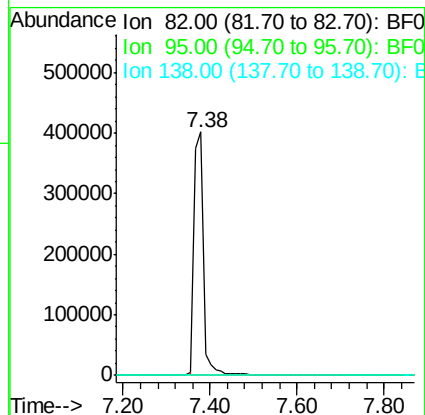
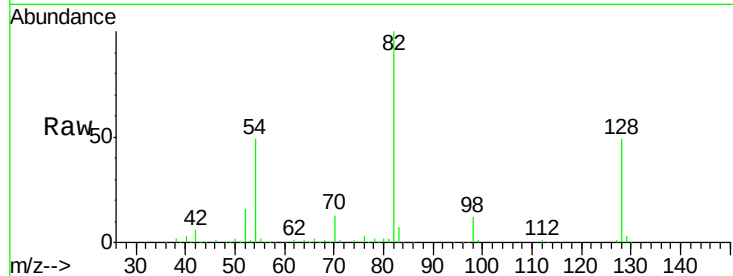
BNA_F

ClientSampleId :

FK-BPM-01-EE9-EE10-EE11-EE12

Tgt Ion: 82 Resp: 595951

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: 9.84 min Scan# 678

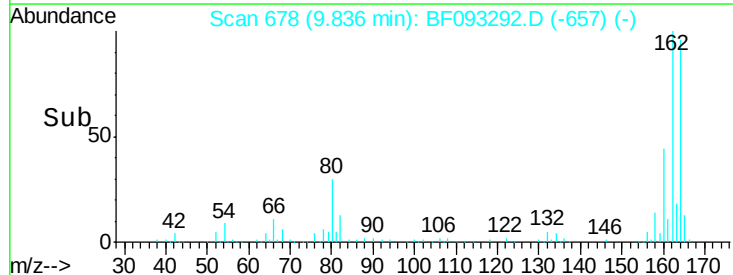
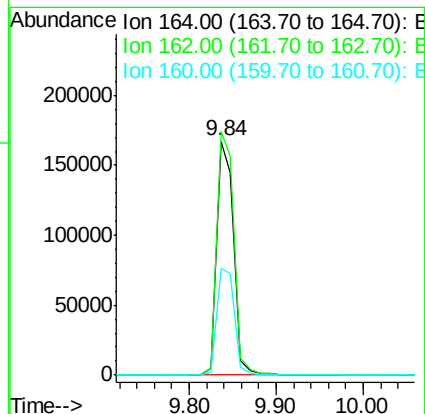
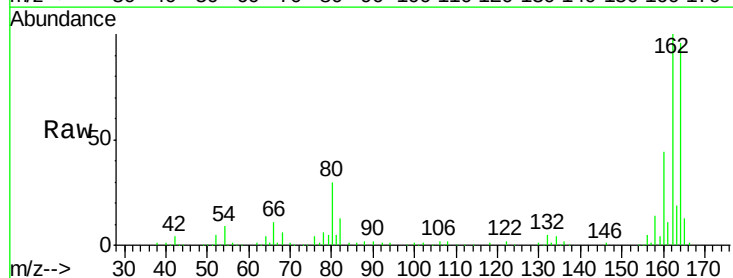
Delta R.T. -0.06 min

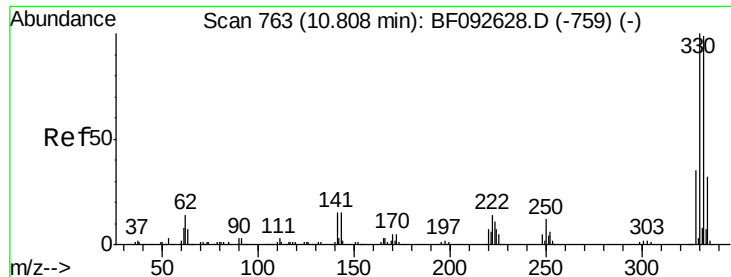
Lab File: BF093292.D

Acq: 1 Mar 2017 16:28

Tgt Ion: 164 Resp: 229495

Ion	Ratio	Lower	Upper
164	100		
162	104.1	80.2	120.2
160	45.4	36.9	55.3

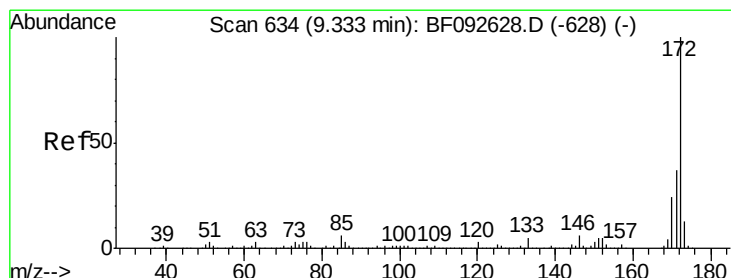
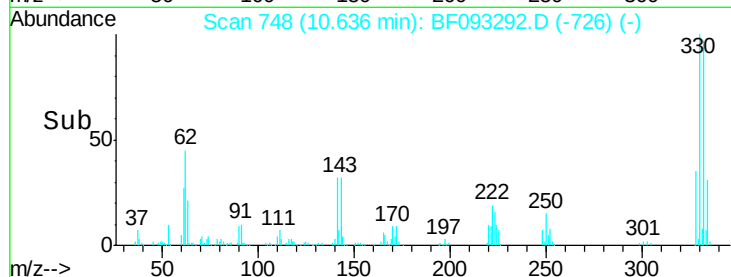
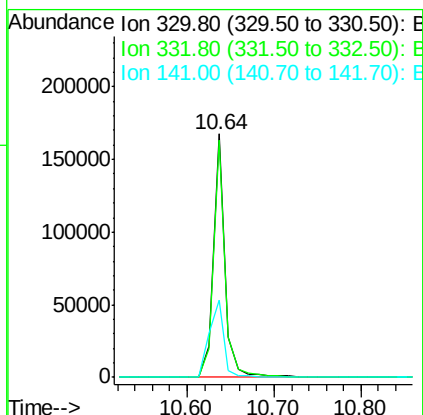
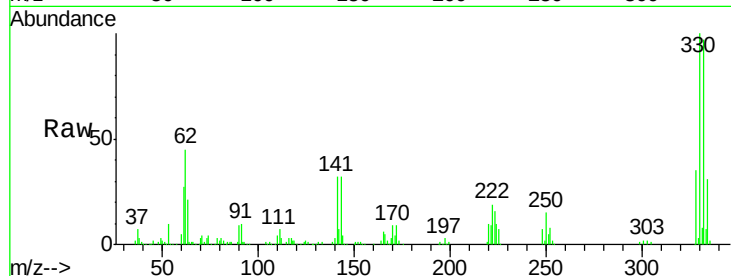




#41
 2,4,6-Tribromophenol
 Concen: 95.25 ng
 RT: 10.64 min Scan# 748
 Delta R.T. -0.05 min
 Lab File: BF093292.D
 Acq: 1 Mar 2017 16:28

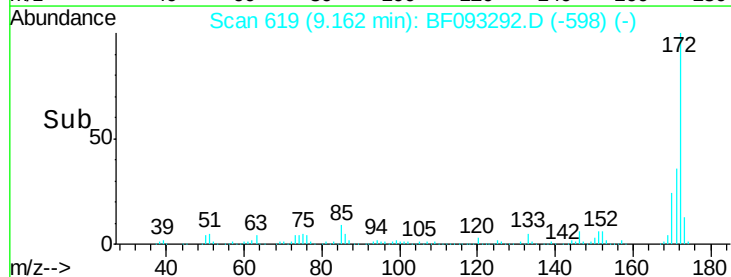
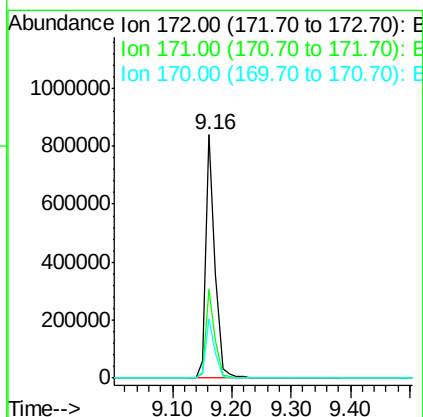
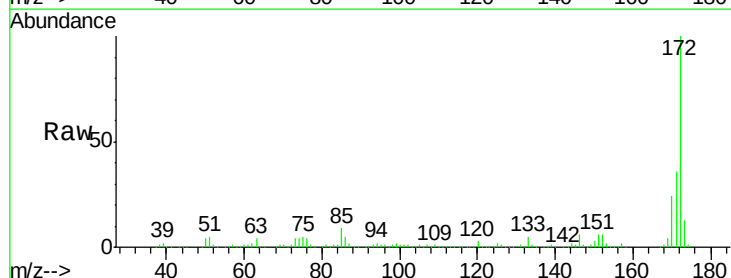
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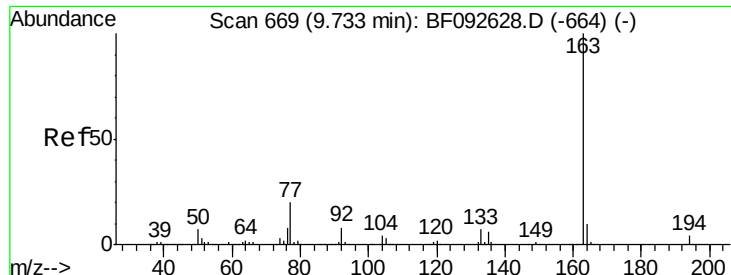
Tgt Ion:330 Resp: 158100
 Ion Ratio Lower Upper
 330 100
 332 97.1 77.4 116.2
 141 39.8 34.1 51.1



#44
 2-Fluorobiphenyl
 Concen: 72.04 ng
 RT: 9.16 min Scan# 619
 Delta R.T. -0.06 min
 Lab File: BF093292.D
 Acq: 1 Mar 2017 16:28

Tgt Ion:172 Resp: 912624
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.4 44.0
 170 24.2 20.2 30.4

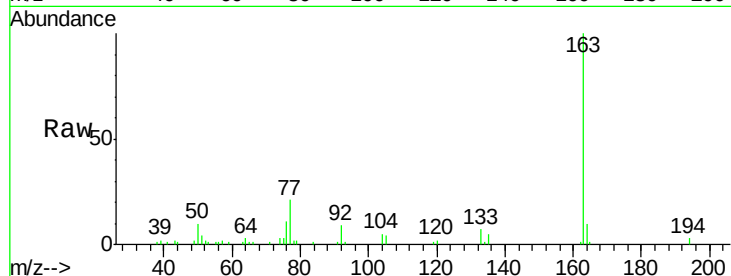




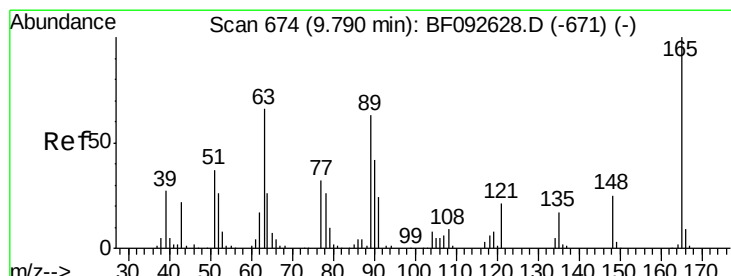
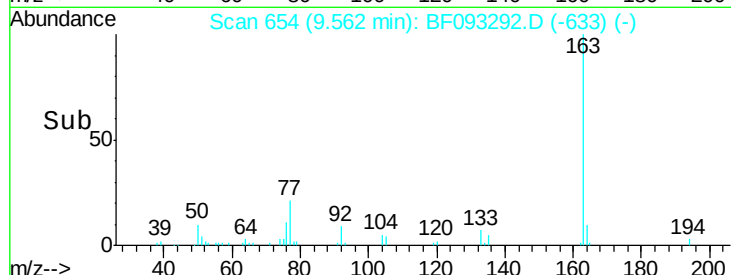
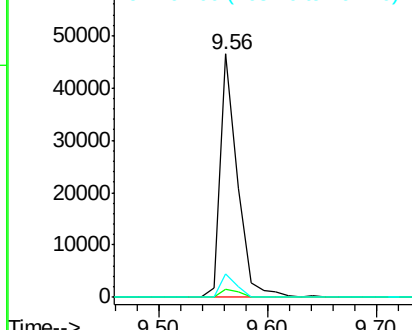
#49
Dimethylphthalate
Concen: 3.33 ng
RT: 9.56 min Scan# 654
Delta R.T. -0.06 min
Lab File: BF093292.D
Acq: 1 Mar 2017 16:28

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-EE9-EE10-EE11-EE12

Tgt Ion:163 Resp: 51414
Ion Ratio Lower Upper
163 100
194 3.2 3.0 4.4
164 9.9 8.0 12.0

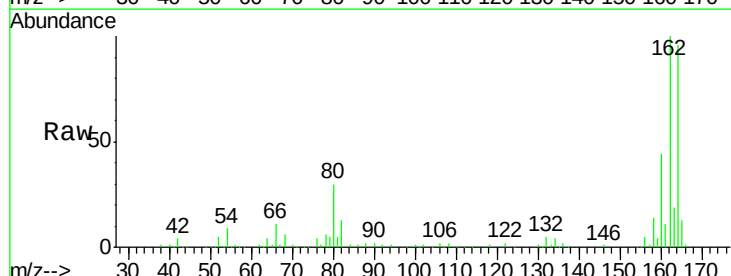


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

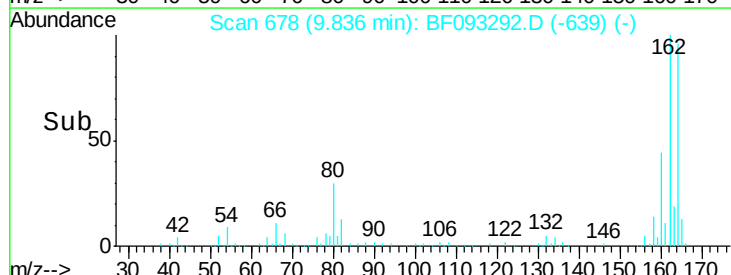
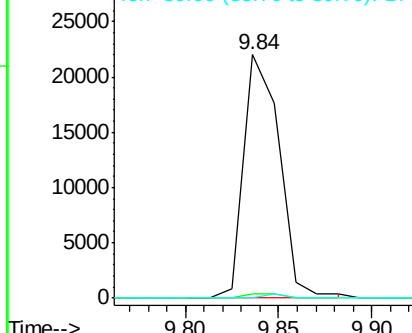


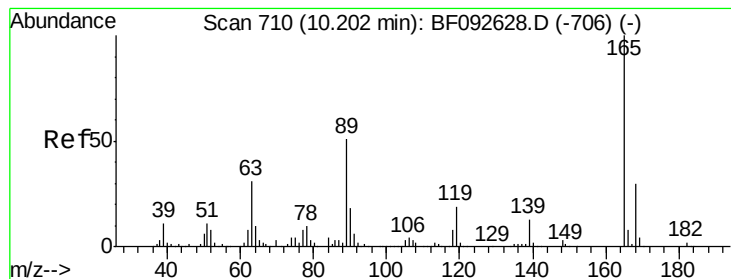
#50
2,6-Dinitrotoluene
Concen: 8.78 ng
RT: 9.84 min Scan# 678
Delta R.T. 0.15 min
Lab File: BF093292.D
Acq: 1 Mar 2017 16:28

Tgt Ion:165 Resp: 29316
Ion Ratio Lower Upper
165 100
63 1.7 36.2 54.4#
89 0.0 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: 6.60 ng

RT: 9.84 min Scan# 678

Delta R.T. -0.25 min

Lab File: BF093292.D

Acq: 1 Mar 2017 16:28

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-EE9-EE10-EE11-EE12

Tgt Ion:165 Resp: 29312

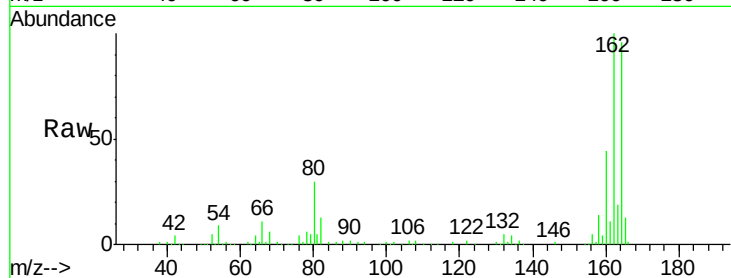
Ion Ratio Lower Upper

165 100

63 1.7 40.2 60.4#

89 0.0 62.5 93.7#

182 0.0 1.8 2.8#

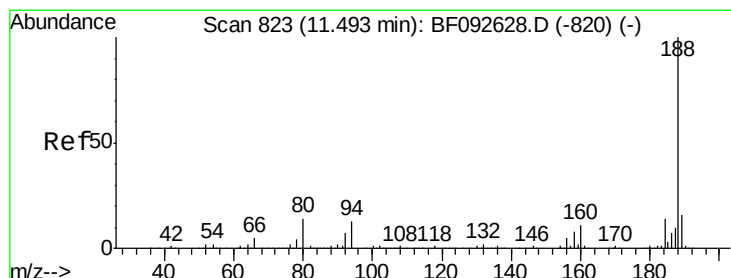
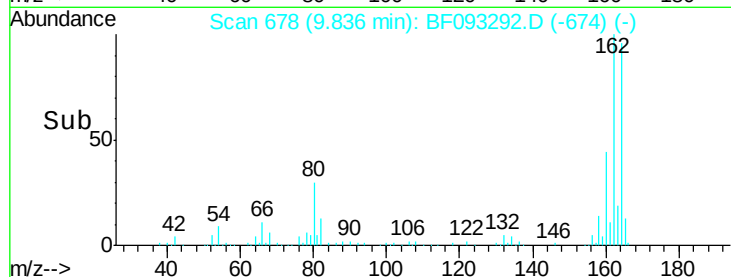
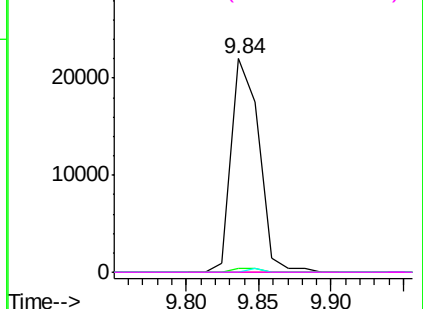


Abundance Ion 165.00 (164.70 to 165.70): E

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: BF093292.D

Acq: 1 Mar 2017 16:28

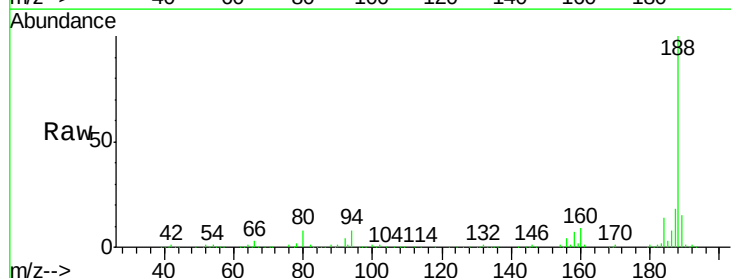
Tgt Ion:188 Resp: 440847

Ion Ratio Lower Upper

188 100

94 7.6 10.0 15.0#

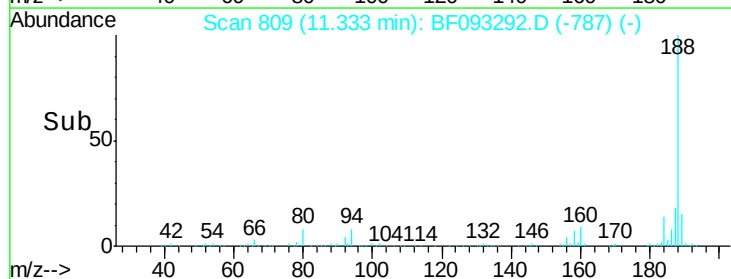
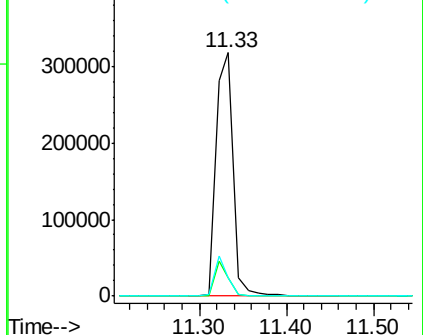
80 7.6 11.2 16.8#

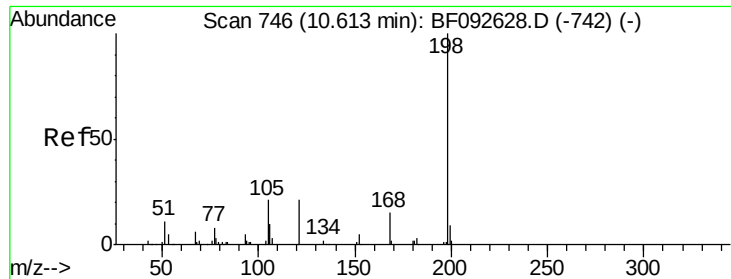


Abundance Ion 188.00 (187.70 to 188.70): E

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: 2.75 ng

RT: 10.64 min Scan# 748

Delta R.T. 0.14 min

Lab File: BF093292.D

Acq: 1 Mar 2017 16:28

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-EE9-EE10-EE11-EE12

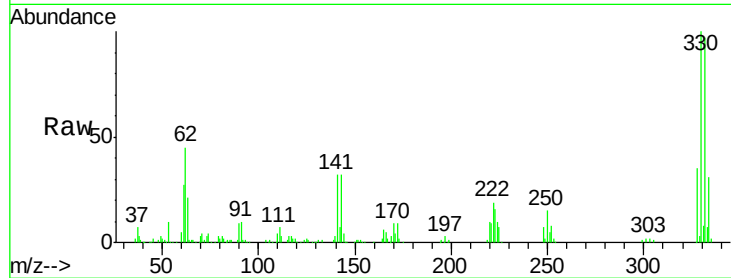
Tgt Ion:198 Resp: 228

Ion Ratio Lower Upper

198 100

51 254.1 6.7 46.7#

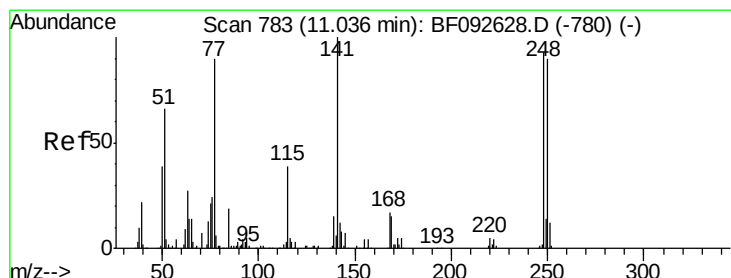
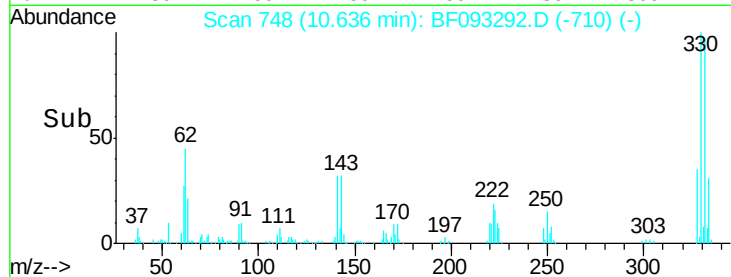
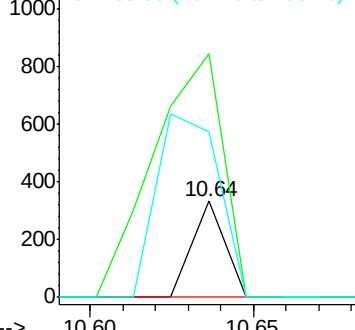
105 172.4 16.6 56.6#



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: 2.54 ng

RT: 10.64 min Scan# 748

Delta R.T. -0.29 min

Lab File: BF093292.D

Acq: 1 Mar 2017 16:28

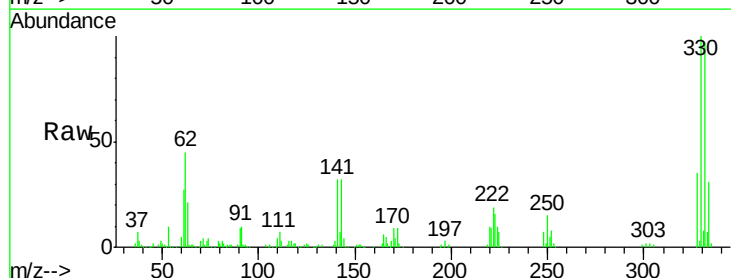
Tgt Ion:248 Resp: 11703

Ion Ratio Lower Upper

248 100

250 197.8 76.9 115.3#

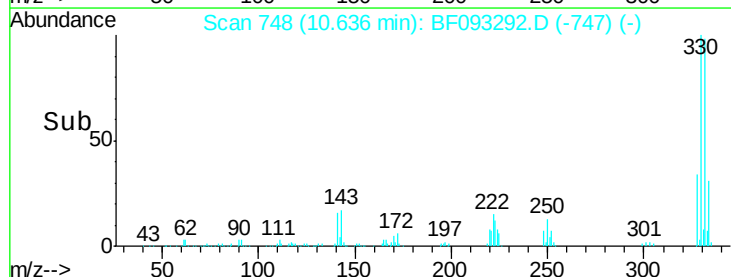
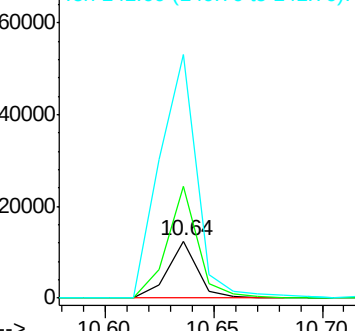
141 428.9 68.2 102.4#

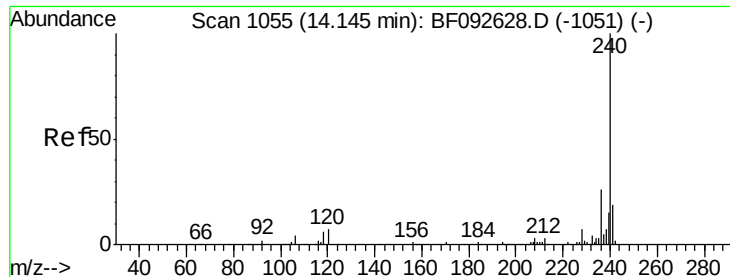


Abundance Ion 248.00 (247.70 to 248.70): E

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: BF093292.D

Acq: 1 Mar 2017 16:28

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-EE9-EE10-EE11-EE12

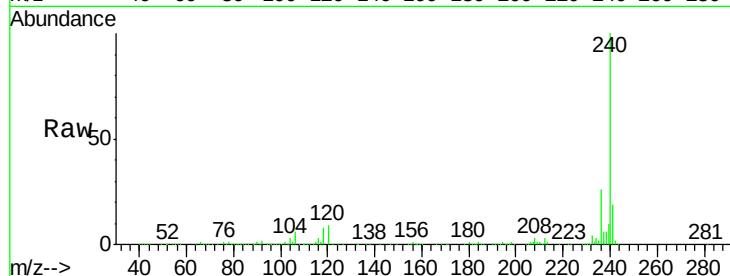
Tgt Ion:240 Resp: 358302

Ion Ratio Lower Upper

240 100

120 9.2 12.9 19.3#

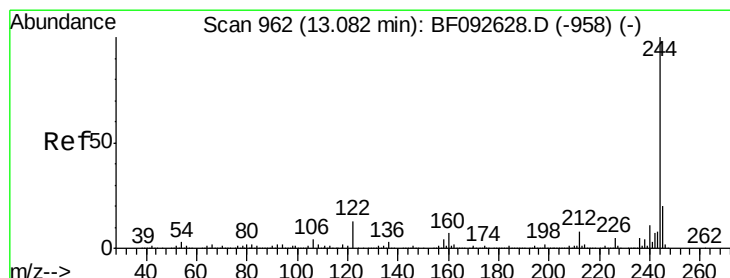
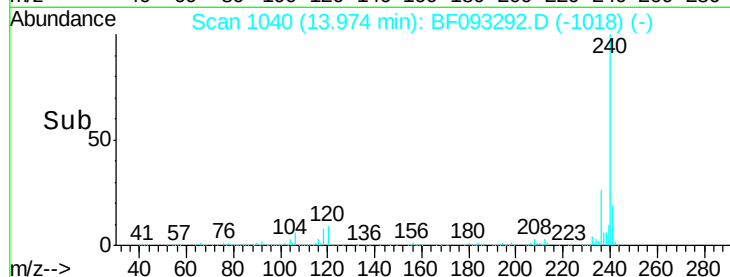
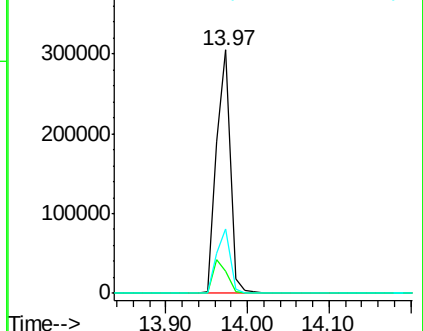
236 26.3 20.9 31.3



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: 50.27 ng

RT: 12.91 min Scan# 947

Delta R.T. -0.06 min

Lab File: BF093292.D

Acq: 1 Mar 2017 16:28

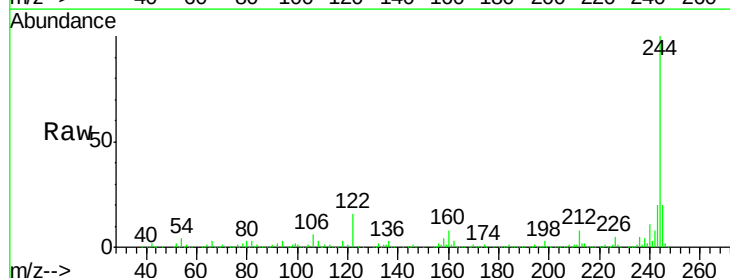
Tgt Ion:244 Resp: 766601

Ion Ratio Lower Upper

244 100

212 7.9 6.2 9.2

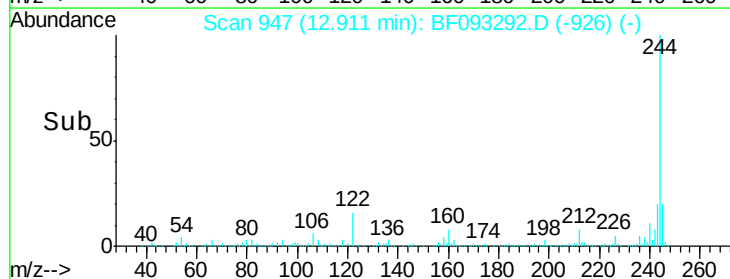
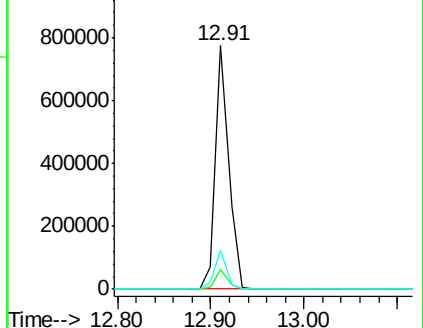
122 16.0 11.4 17.2

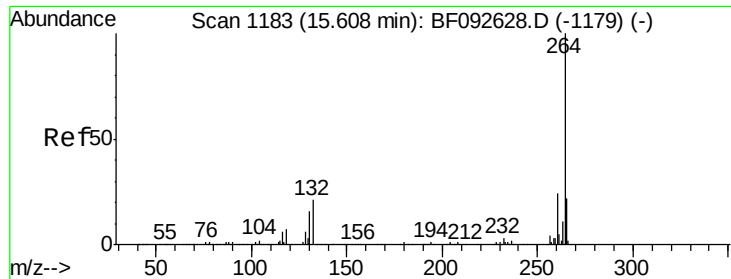


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF093292.D
Acq: 1 Mar 2017 16:28

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-EE9-EE10-EE11-EE12

Tgt Ion: 264 Resp: 269808
Ion Ratio Lower Upper
264 100
260 24.3 19.2 28.8
265 21.3 17.4 26.0

