

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030617\
 Data File : BF093404.D
 Acq On : 6 Mar 2017 16:50
 Operator : SJ/MA
 Sample : I2061-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 IMPACT

Quant Time: Mar 06 23:54:28 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

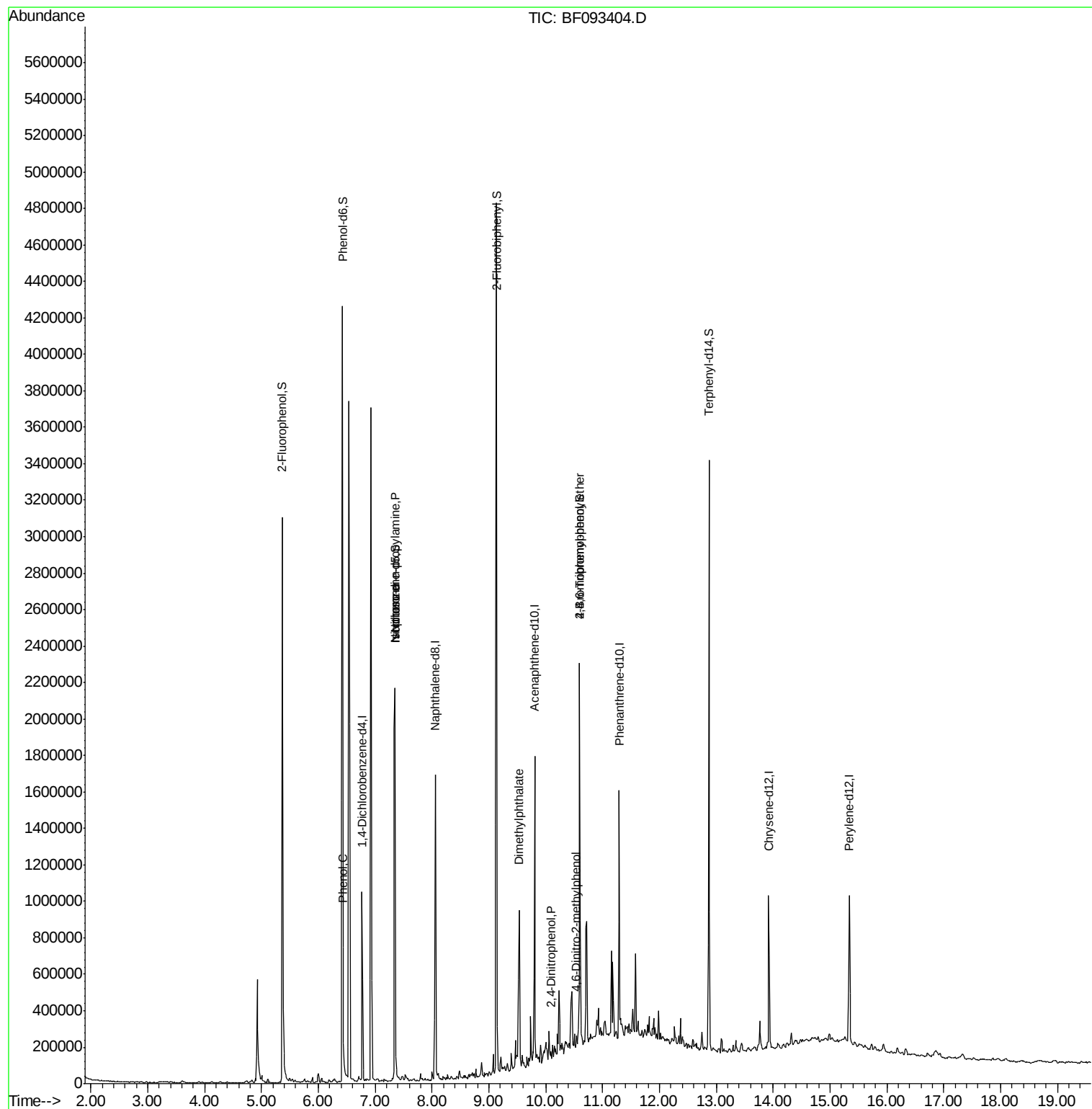
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	184552	20.00	ng	-0.09
21) Naphthalene-d8	8.06	136	734980	20.00	ng	-0.09
38) Acenaphthene-d10	9.81	164	329325	20.00	ng	-0.09
63) Phenanthrene-d10	11.29	188	558156	20.00	ng	-0.09
75) Chrysene-d12	13.92	240	351322	20.00	ng	-0.10
86) Perylene-d12	15.34	264	340506	20.00	ng	-0.11
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	1258120	116.96	ng	-0.09
7) Phenol-d6	6.42	99	1582790	114.36	ng	-0.06
23) Nitrobenzene-d5	7.35	82	1044908	79.17	ng	-0.07
41) 2,4,6-Tribromophenol	10.60	330	260617	109.42	ng	-0.09
44) 2-Fluorobiphenyl	9.13	172	1479959	81.42	ng	-0.09
78) Terphenyl-d14	12.87	244	1007697	67.40	ng	-0.10
Target Compounds						
10) Phenol	6.44	94	99415	6.14	ng	# 74
19) n-Nitroso-di-n-propylamine	7.35	70	142114	16.13	ng	# 76
25) Isophorone	7.35	82	1022768	41.59	ng	# 65
49) Dimethylphthalate	9.53	163	368828	16.63	ng	100
53) 2,4-Dinitrophenol	10.09	184	276	4.84	ng	# 50
64) 4,6-Dinitro-2-methylphenol	10.54	198	211	2.73	ng	# 1
66) 4-Bromophenyl-phenylether	10.60	248	18129	3.11	ng	# 1

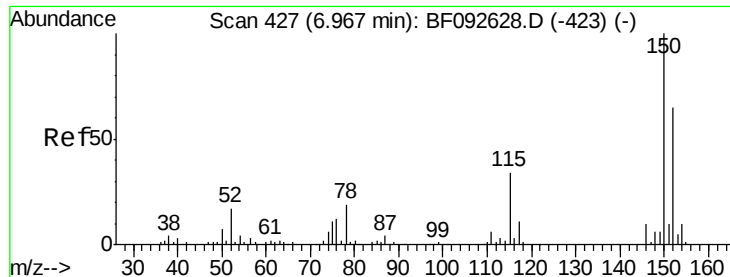
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.77 min Scan# 427

Delta R.T. -0.09 min

Lab File: BF093404.D

Acq: 6 Mar 2017 16:50

Instrument :

BNA_F

ClientSampleId :

IMPACT

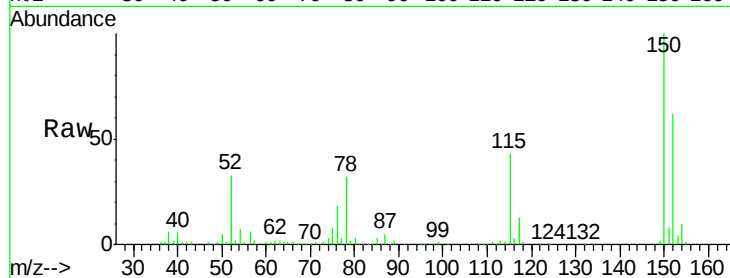
Tgt Ion:152 Resp: 184552

Ion Ratio Lower Upper

152 100

150 160.9 124.9 187.3

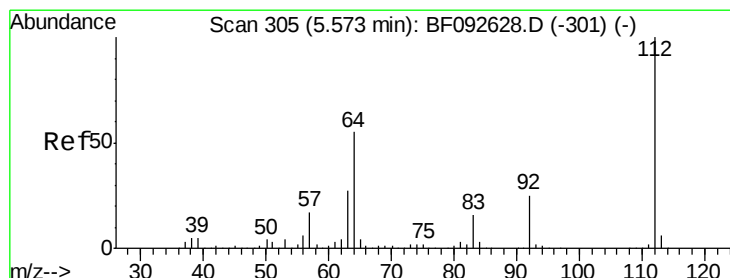
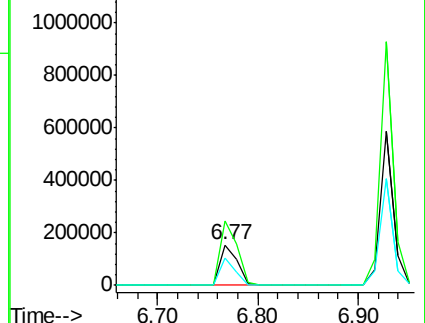
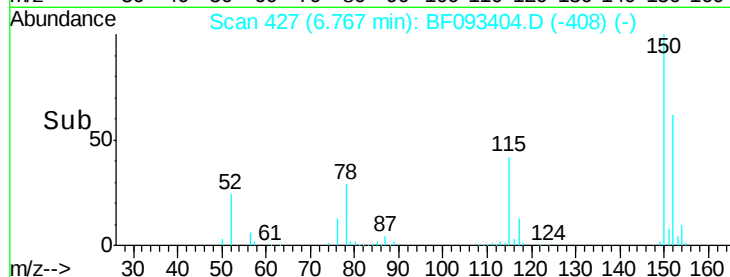
115 68.5 46.0 69.0



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: 116.96 ng

RT: 5.36 min Scan# 304

Delta R.T. -0.09 min

Lab File: BF093404.D

Acq: 6 Mar 2017 16:50

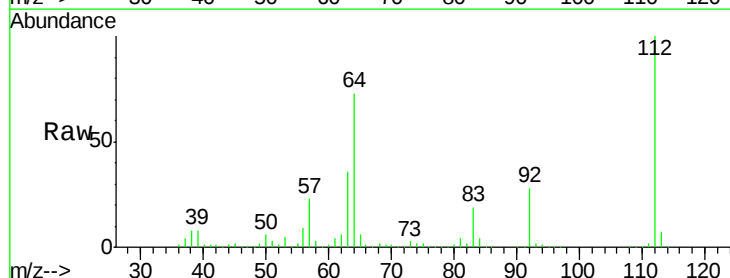
Tgt Ion:112 Resp: 1258120

Ion Ratio Lower Upper

112 100

64 73.3 46.1 69.1#

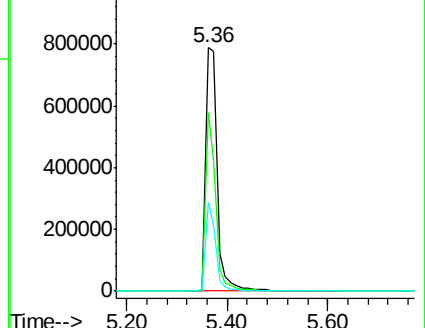
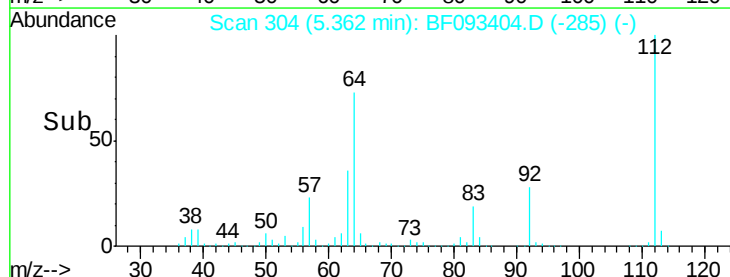
63 36.5 23.8 35.6#

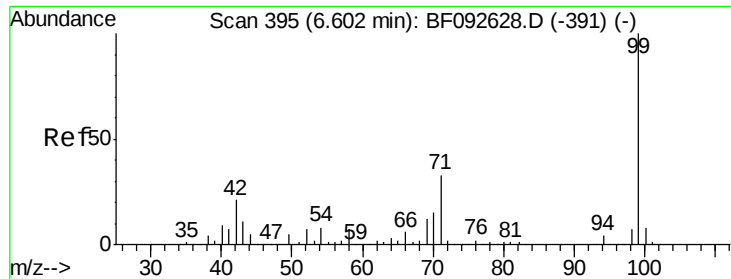


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 114.36 ng

RT: 6.42 min Scan# 397

Delta R.T. -0.06 min

Lab File: BF093404.D

Acq: 6 Mar 2017 16:50

Instrument :

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IMPACT

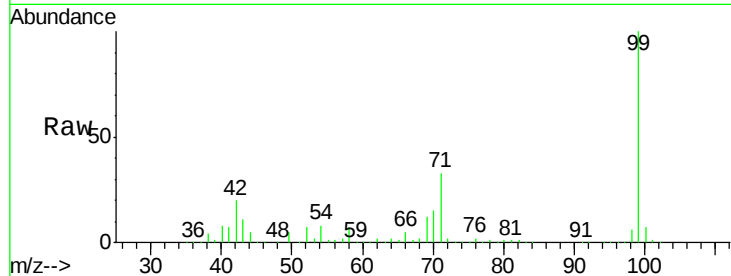
Tgt Ion: 99 Resp: 1582790

Ion Ratio Lower Upper

99 100

42 20.4 15.6 23.4

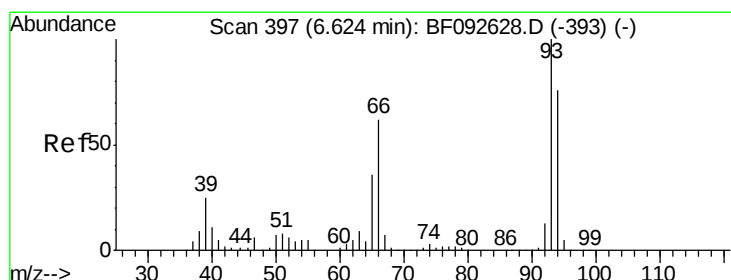
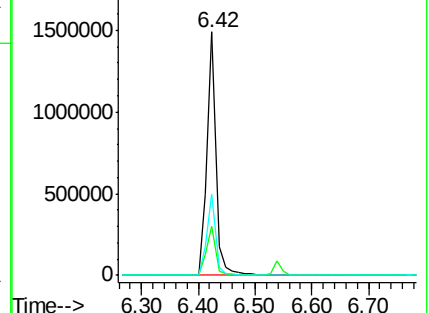
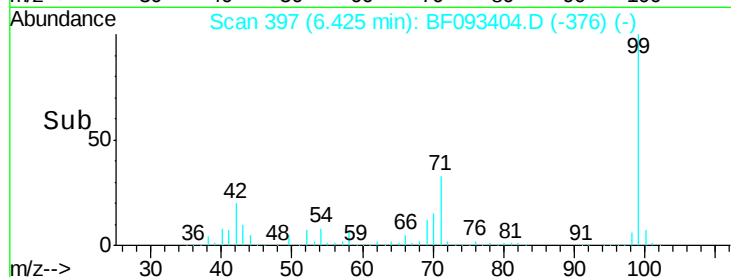
71 33.4 27.5 41.3



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



#10

Phenol

Concen: 6.14 ng

RT: 6.44 min Scan# 398

Delta R.T. -0.07 min

Lab File: BF093404.D

Acq: 6 Mar 2017 16:50

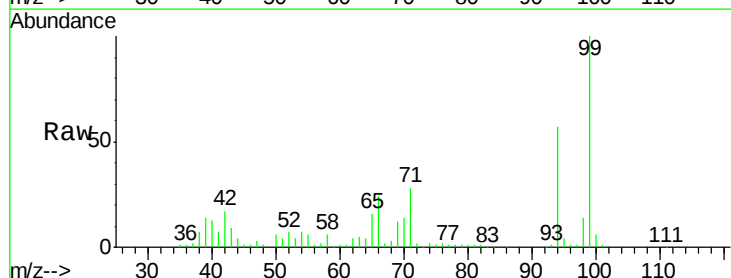
Tgt Ion: 94 Resp: 99415

Ion Ratio Lower Upper

94 100

65 28.1 21.4 61.4

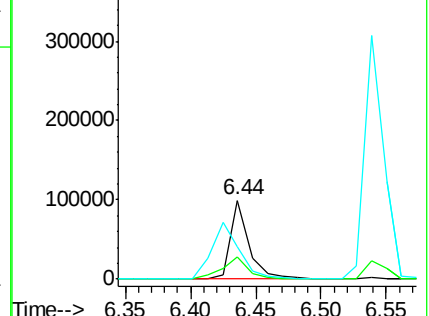
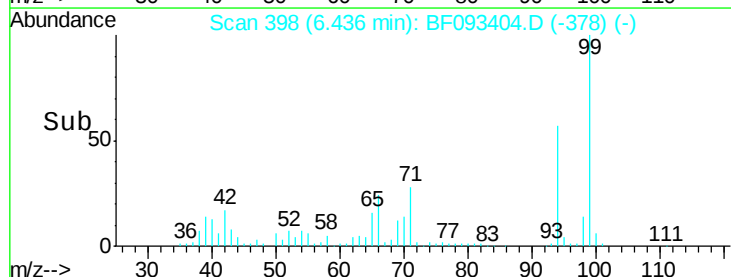
66 41.2 44.0 84.0#

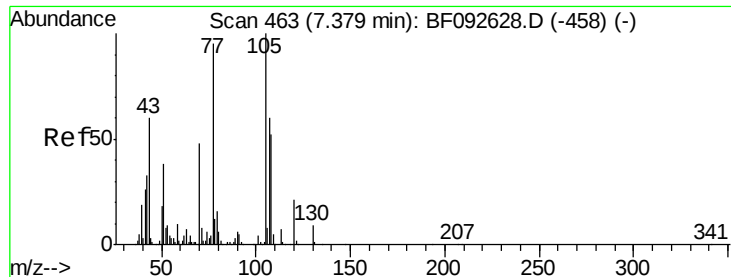


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

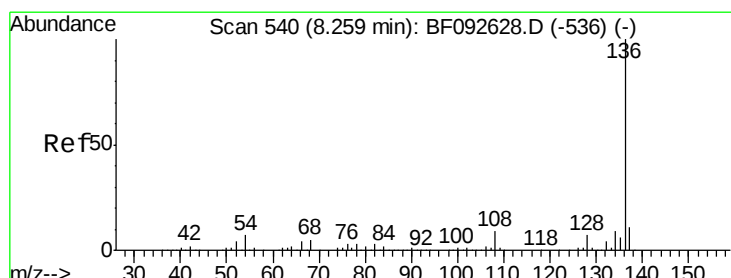
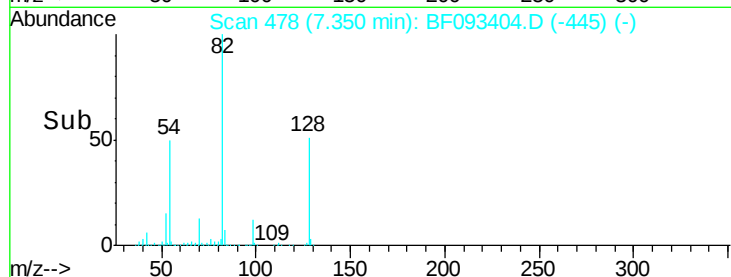
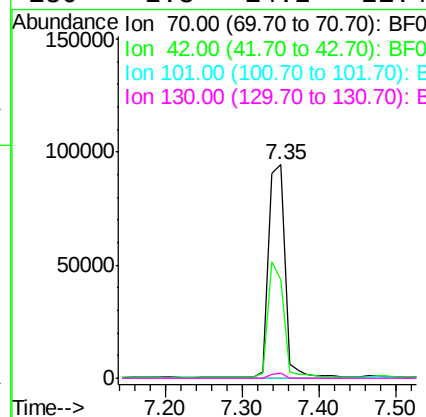
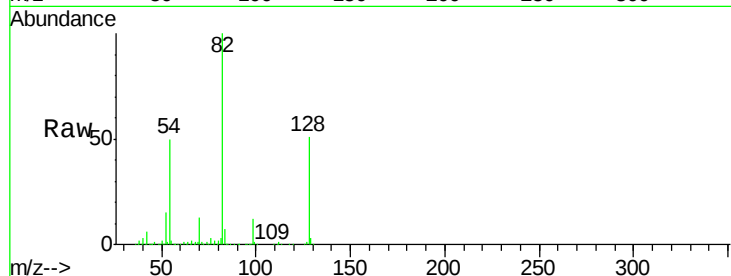




#19
n-Nitroso-di-n-propylamine
Concen: 16.13 ng
RT: 7.35 min Scan# 478
Delta R.T. 0.07 min
Lab File: BF093404.D
Acq: 6 Mar 2017 16:50

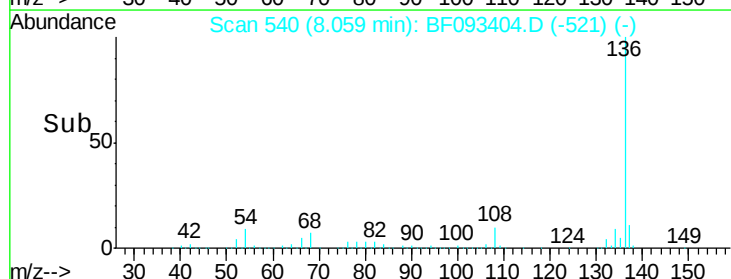
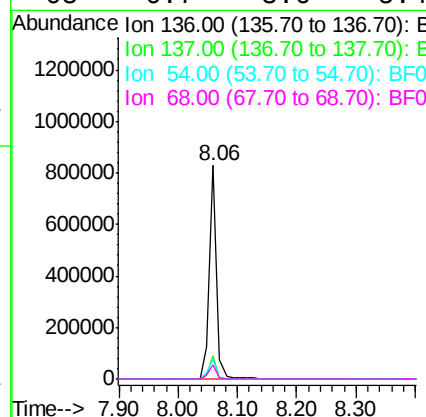
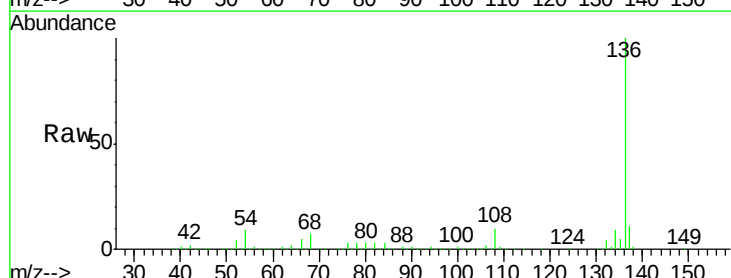
Instrument :
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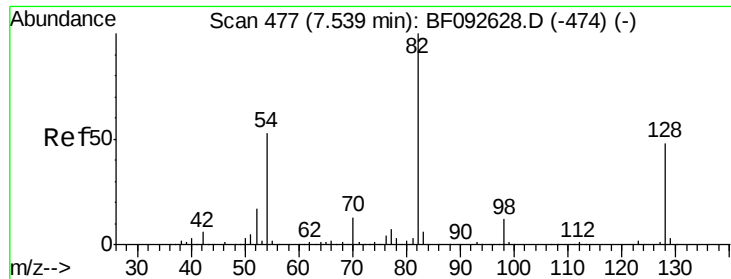
Tgt Ion: 70 Resp: 142114
Ion Ratio Lower Upper
70 100
42 46.0 49.4 74.0#
101 0.0 7.4 11.2#
130 2.3 14.2 21.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.06 min Scan# 540
Delta R.T. -0.09 min
Lab File: BF093404.D
Acq: 6 Mar 2017 16:50

Tgt Ion: 136 Resp: 734980
Ion Ratio Lower Upper
136 100
137 11.0 8.4 12.6
54 9.2 4.5 6.7#
68 6.7 3.6 5.4#

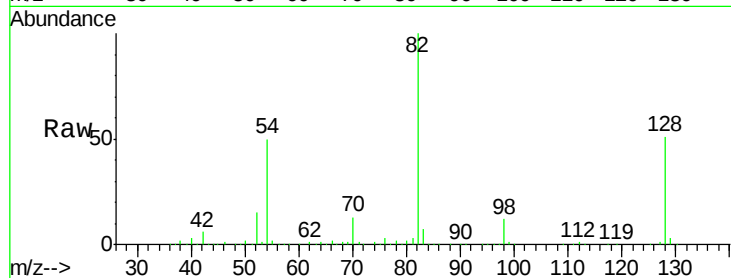




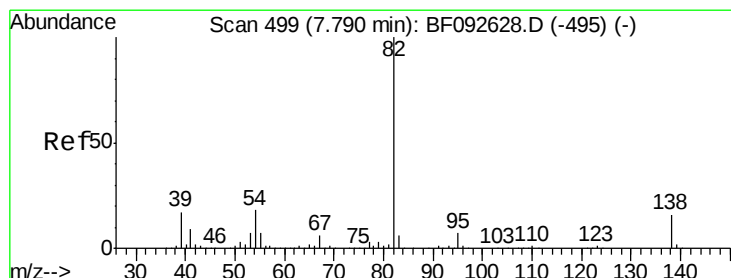
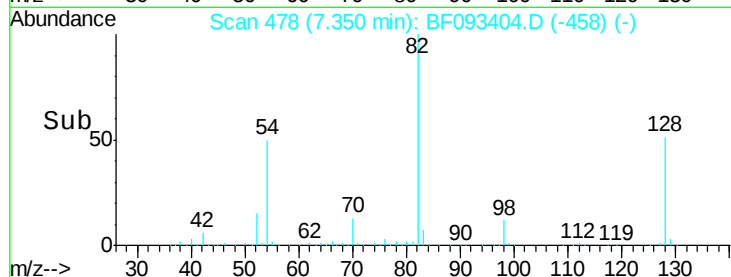
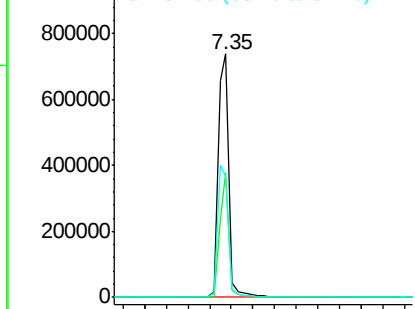
#23
 Nitrobenzene-d5
 Concen: 79.17 ng
 RT: 7.35 min Scan# 478
 Delta R.T. -0.07 min
 Lab File: BF093404.D
 Acq: 6 Mar 2017 16:50

Instrument :
 BNA_F
 ClientSampleID :
 IMPACT

Tgt Ion: 82 Resp: 1044908
 Ion Ratio Lower Upper
 82 100
 128 51.3 34.6 52.0
 54 49.7 39.5 59.3

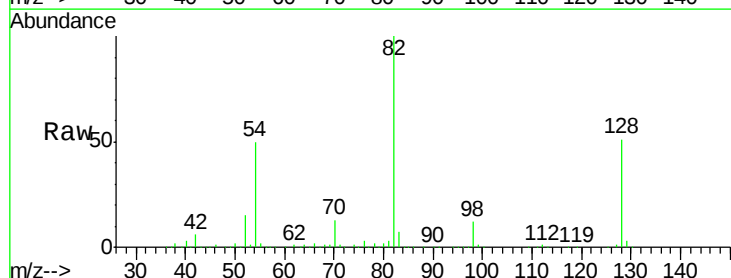


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

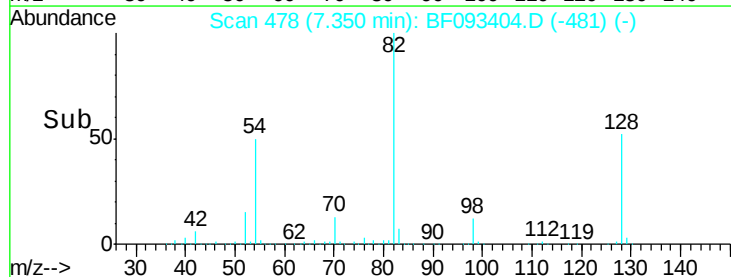
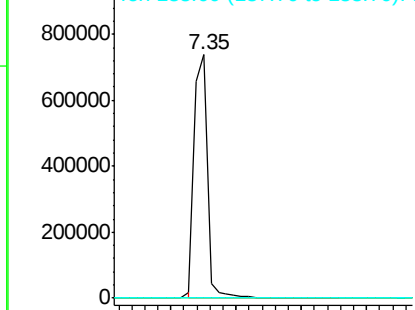


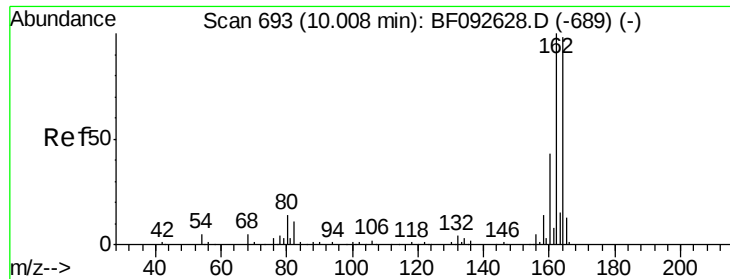
#25
 Isophorone
 Concen: 41.59 ng
 RT: 7.35 min Scan# 478
 Delta R.T. -0.34 min
 Lab File: BF093404.D
 Acq: 6 Mar 2017 16:50

Tgt Ion: 82 Resp: 1022768
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.6 8.4#
 138 0.0 14.6 22.0#



Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 95.00 (94.70 to 95.70): BF0
 Ion 138.00 (137.70 to 138.70): BF0

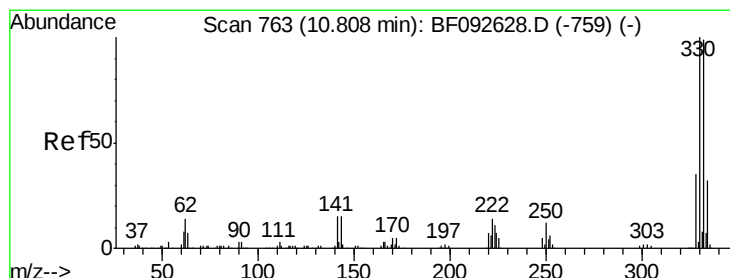
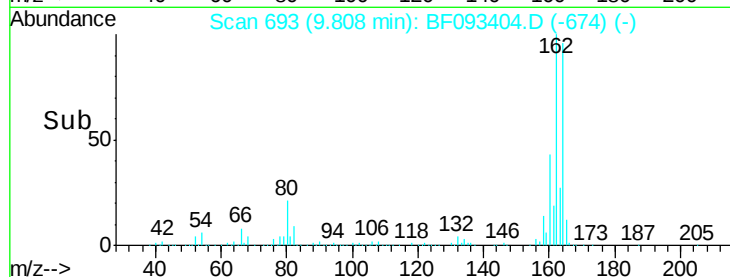
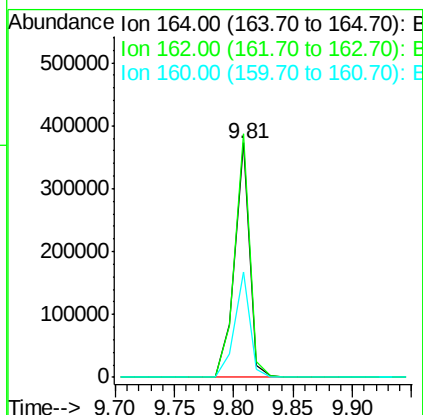
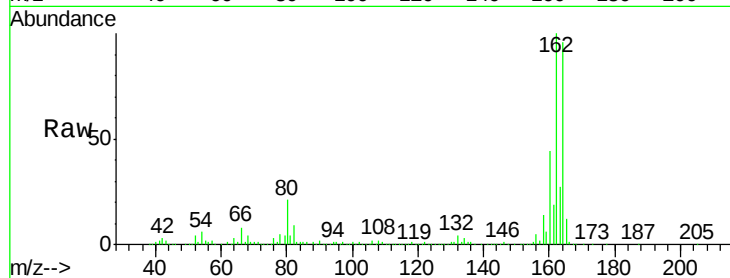




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.81 min Scan# 693
 Delta R.T. -0.09 min
 Lab File: BF093404.D
 Acq: 6 Mar 2017 16:50

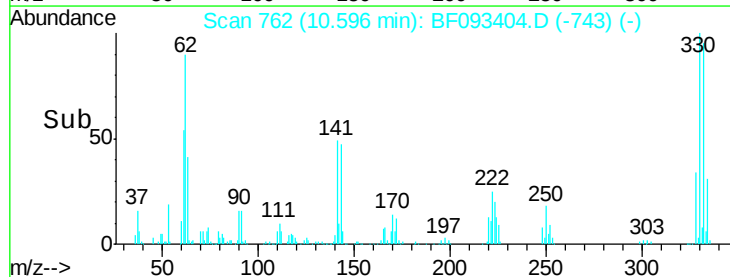
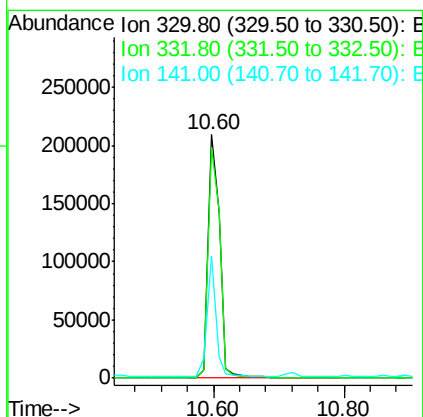
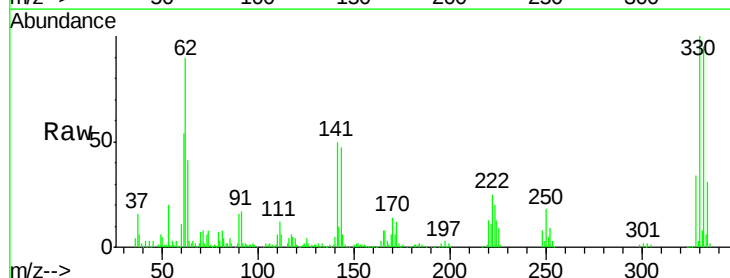
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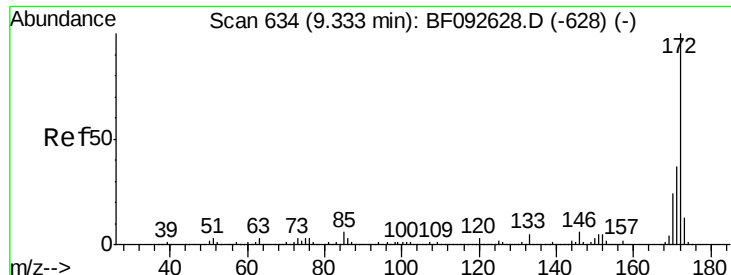
Tgt Ion:164 Resp: 329325
 Ion Ratio Lower Upper
 164 100
 162 104.0 80.2 120.2
 160 45.2 36.9 55.3



#41
 2,4,6-Tribromophenol
 Concen: 109.42 ng
 RT: 10.60 min Scan# 762
 Delta R.T. -0.09 min
 Lab File: BF093404.D
 Acq: 6 Mar 2017 16:50

Tgt Ion:330 Resp: 260617
 Ion Ratio Lower Upper
 330 100
 332 97.0 77.4 116.2
 141 37.8 34.1 51.1

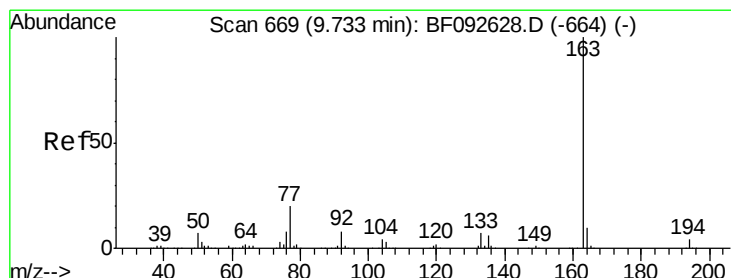
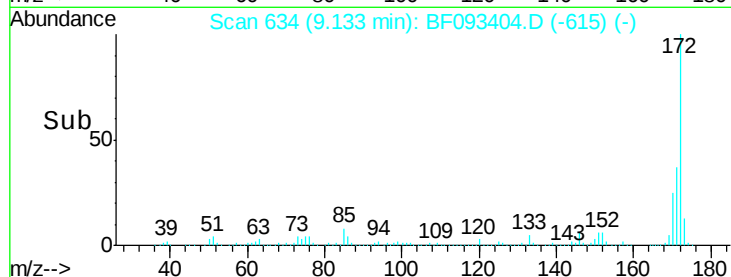
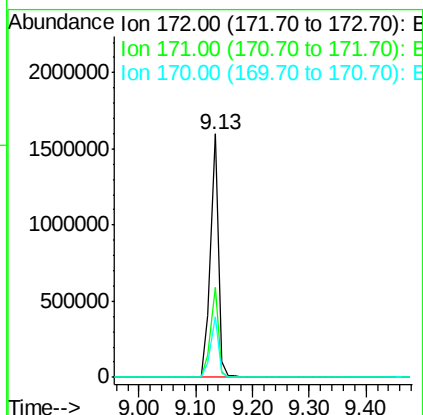
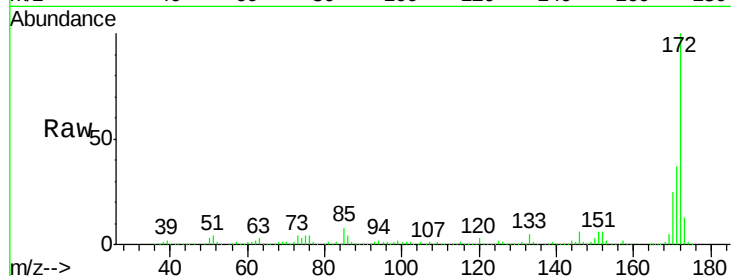




#44
 2-Fluorobiphenyl
 Concen: 81.42 ng
 RT: 9.13 min Scan# 634
 Delta R.T. -0.09 min
 Lab File: BF093404.D
 Acq: 6 Mar 2017 16:50

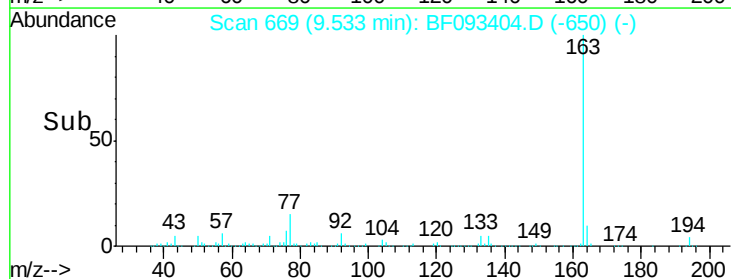
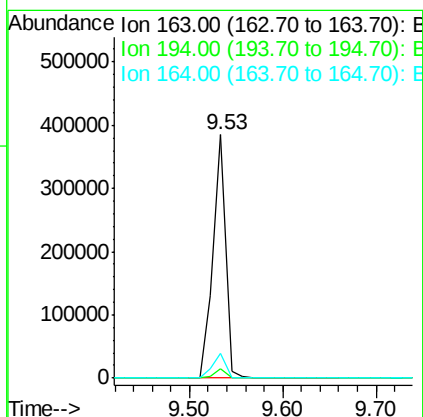
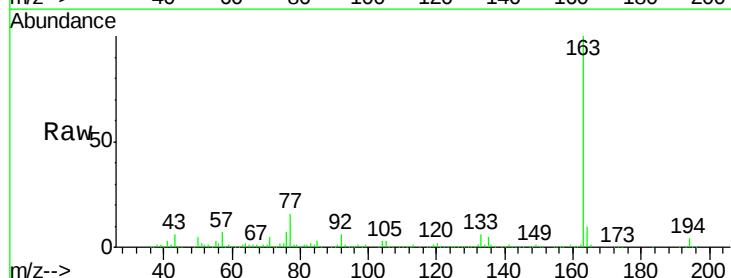
Instrument :
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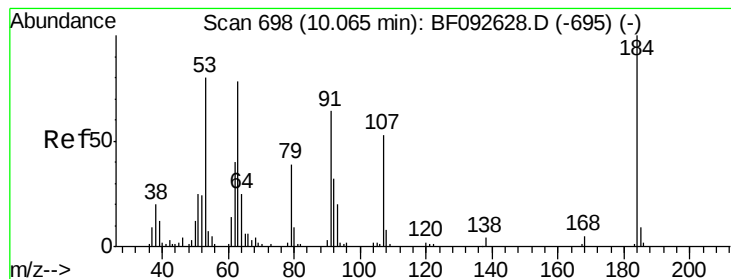
Tgt Ion:172 Resp: 1479959
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.4 44.0
 170 24.7 20.2 30.4



#49
 Dimethylphthalate
 Concen: 16.63 ng
 RT: 9.53 min Scan# 669
 Delta R.T. -0.09 min
 Lab File: BF093404.D
 Acq: 6 Mar 2017 16:50

Tgt Ion:163 Resp: 368828
 Ion Ratio Lower Upper
 163 100
 194 3.7 3.0 4.4
 164 10.0 8.0 12.0





#53

2,4-Dinitrophenol

Concen: 4.84 ng

RT: 10.09 min Scan# 718

Delta R.T. 0.13 min

Lab File: BF093404.D

Acq: 6 Mar 2017 16:50

Instrument :

BNA_F

ClientSampleId :

IMPACT

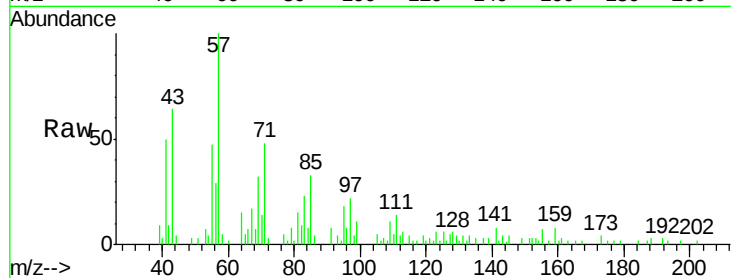
Tgt Ion:184 Resp: 276

Ion Ratio Lower Upper

184 100

63 0.0 28.4 42.6#

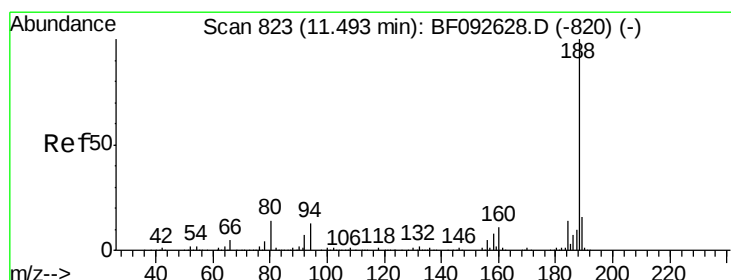
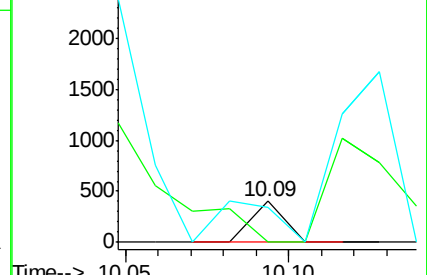
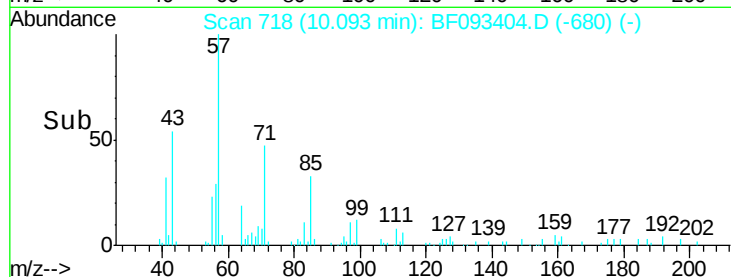
154 86.3 44.3 66.5#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.29 min Scan# 823

Delta R.T. -0.09 min

Lab File: BF093404.D

Acq: 6 Mar 2017 16:50

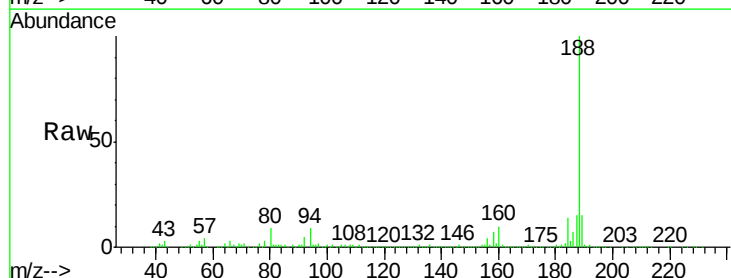
Tgt Ion:188 Resp: 558156

Ion Ratio Lower Upper

188 100

94 9.1 10.0 15.0#

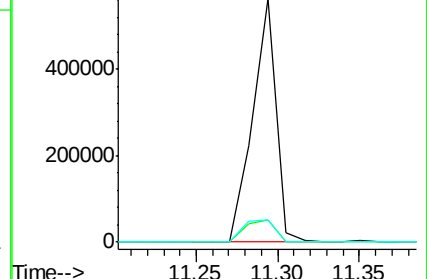
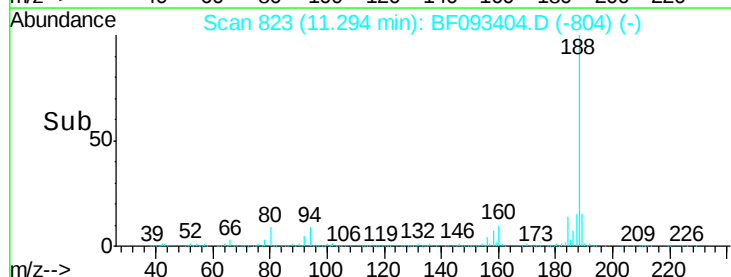
80 9.0 11.2 16.8#

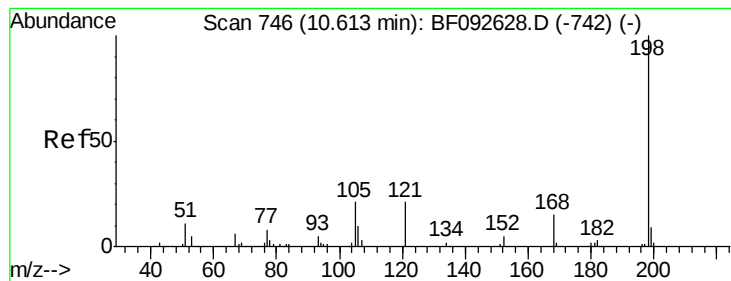


Abundance Ion 188.00 (187.70 to 188.70): E

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: 2.73 ng

RT: 10.54 min Scan# 757

Delta R.T. 0.04 min

Lab File: BF093404.D

Acq: 6 Mar 2017 16:50

Instrument :

BNA_F

ClientSampleId :

IMPACT

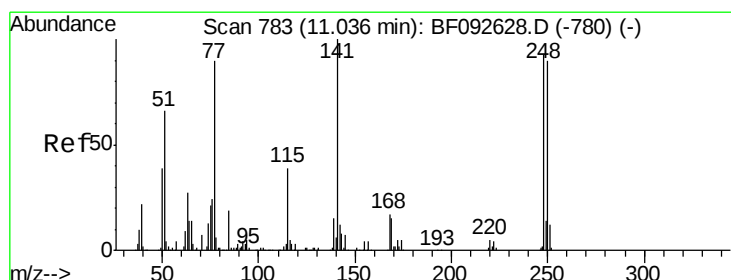
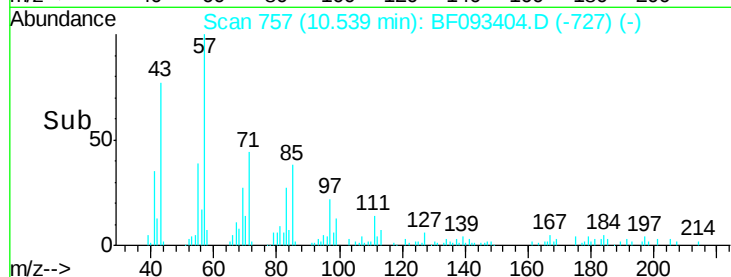
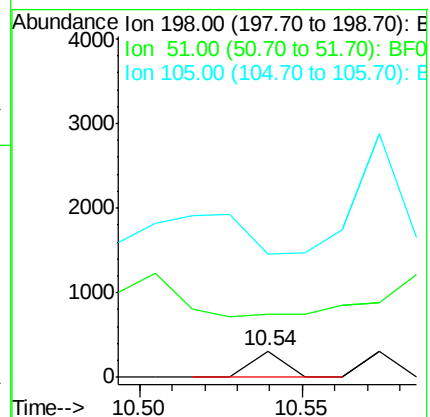
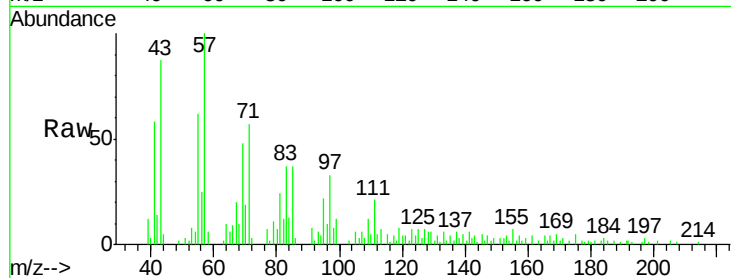
Tgt Ion:198 Resp: 211

Ion Ratio Lower Upper

198 100

51 243.8 6.7 46.7#

105 471.1 16.6 56.6#



#66

4-Bromophenyl-phenylether

Concen: 3.11 ng

RT: 10.60 min Scan# 762

Delta R.T. -0.33 min

Lab File: BF093404.D

Acq: 6 Mar 2017 16:50

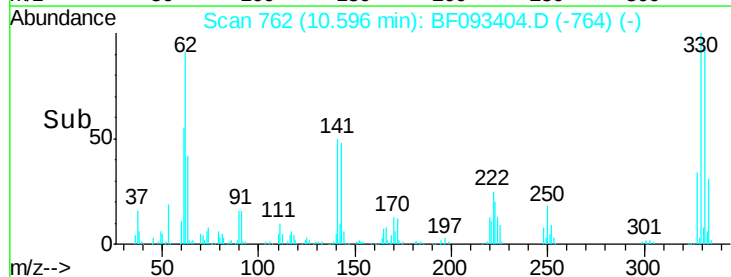
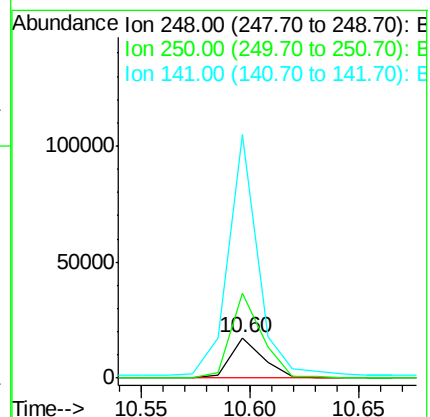
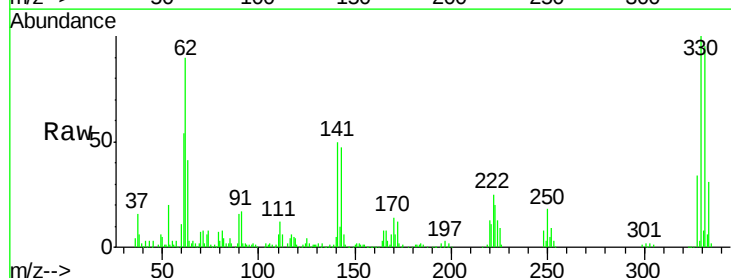
Tgt Ion:248 Resp: 18129

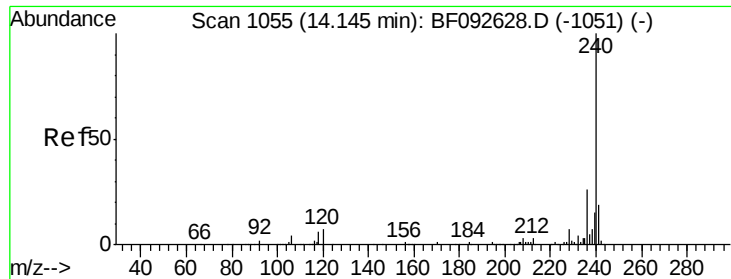
Ion Ratio Lower Upper

248 100

250 210.2 76.9 115.3#

141 598.7 68.2 102.4#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.92 min Scan# 1053

Delta R.T. -0.10 min

Lab File: BF093404.D

Acq: 6 Mar 2017 16:50

Instrument :

BNA_F

ClientSampleId :

IMPACT

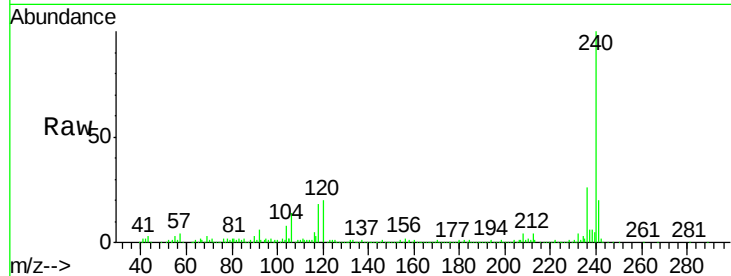
Tgt Ion:240 Resp: 351322

Ion Ratio Lower Upper

240 100

120 20.0 12.9 19.3#

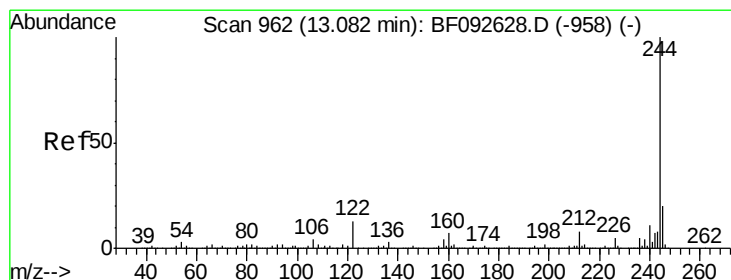
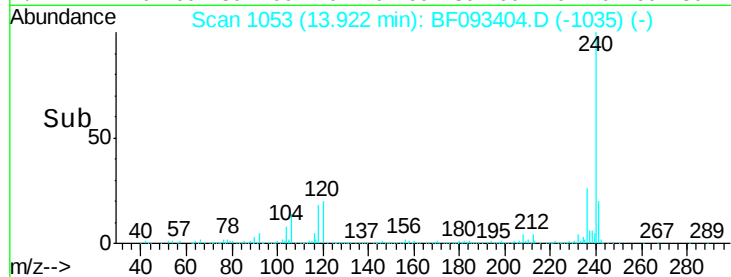
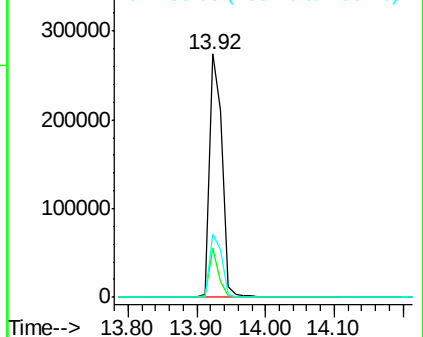
236 26.0 20.9 31.3



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: 67.40 ng

RT: 12.87 min Scan# 961

Delta R.T. -0.10 min

Lab File: BF093404.D

Acq: 6 Mar 2017 16:50

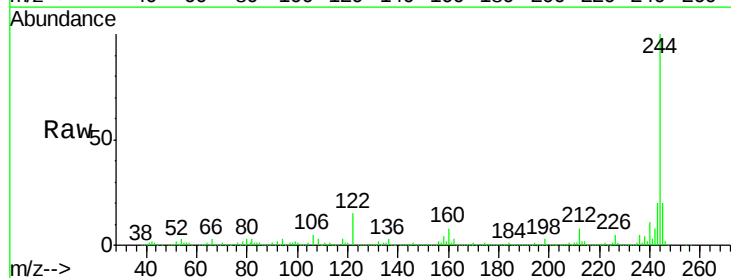
Tgt Ion:244 Resp: 1007697

Ion Ratio Lower Upper

244 100

212 7.9 6.2 9.2

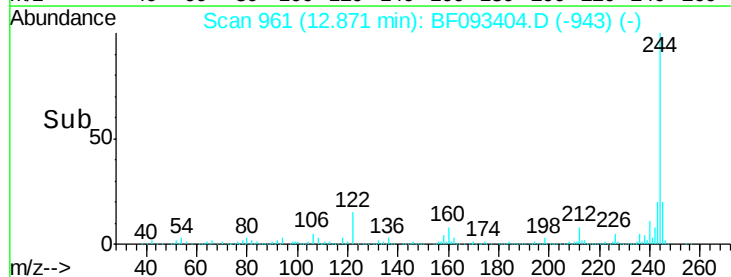
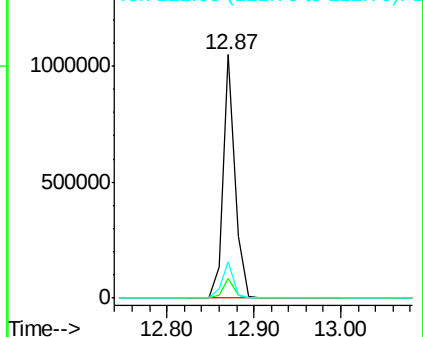
122 14.8 11.4 17.2

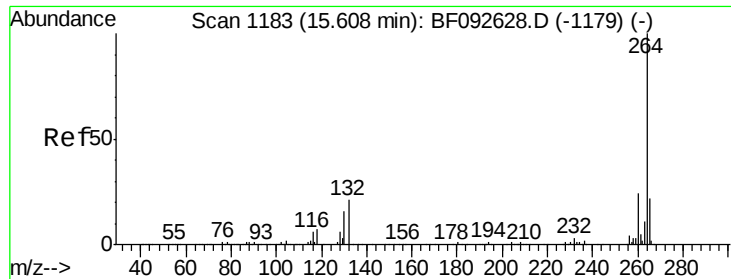


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

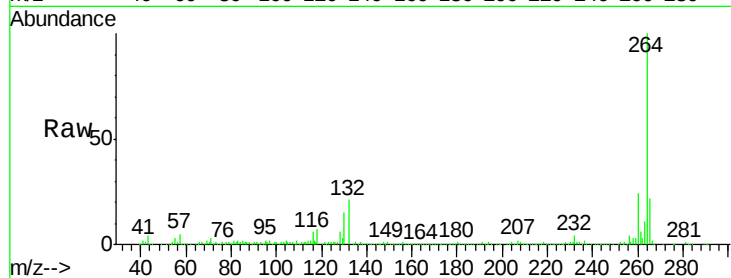




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.34 min Scan# 1177
Delta R.T. -0.11 min
Lab File: BF093404.D
Acq: 6 Mar 2017 16:50

Instrument :
BNA_F
ClientSampleId :
IMPACT

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	21.7	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

