

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020817\
 Data File : BF092868.D
 Acq On : 8 Feb 2017 22:08
 Operator : SJ/MA
 Sample : I1741-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 020617-PR-E-D-M

Quant Time: Feb 08 23:44:35 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 30 14:50:05 2017
 Response via : Initial Calibration

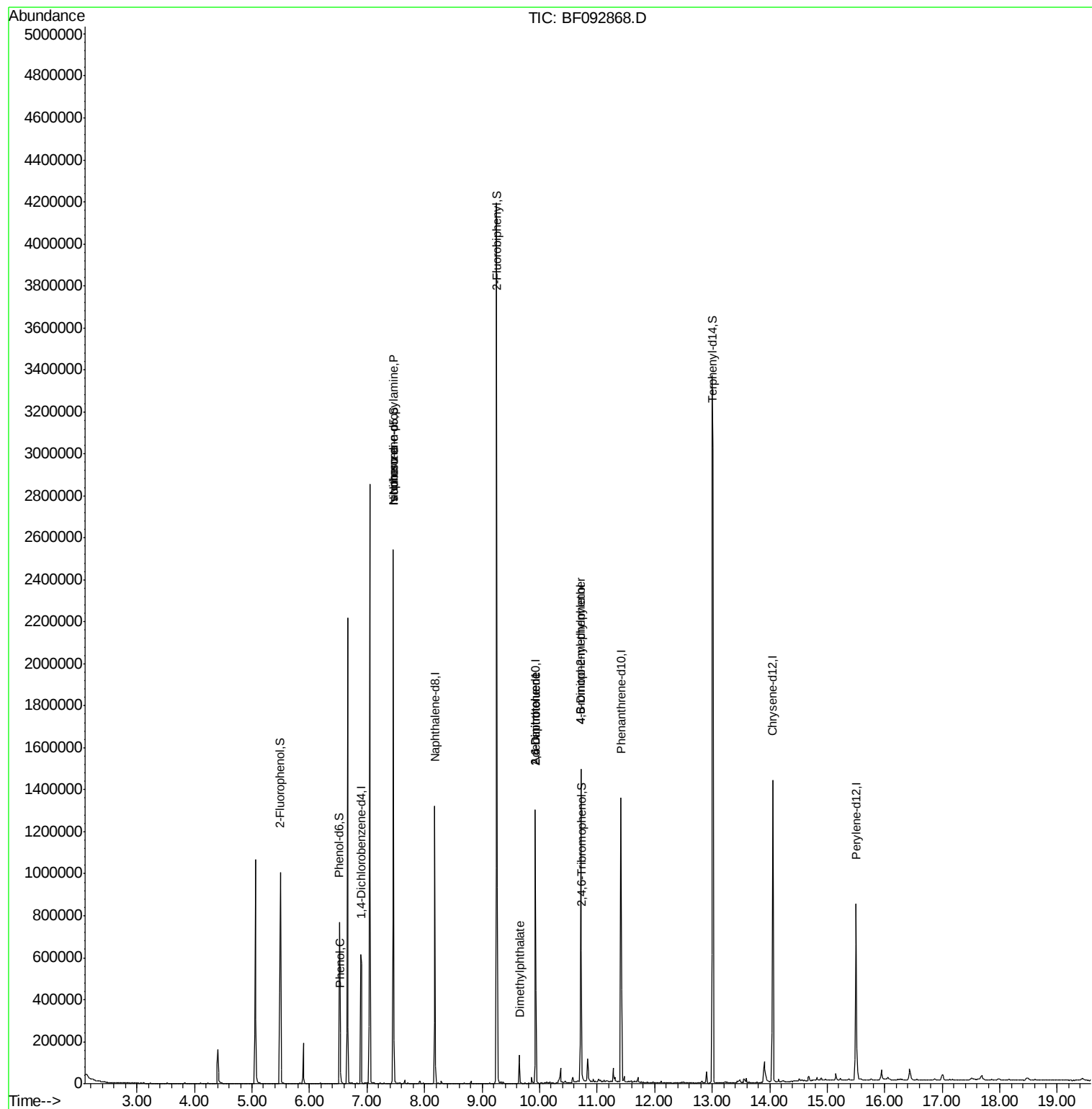
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	138505	20.00	ng	-0.07
21) Naphthalene-d8	8.18	136	580987	20.00	ng	-0.08
38) Acenaphthene-d10	9.93	164	302202	20.00	ng	-0.08
63) Phenanthrene-d10	11.41	188	518626	20.00	ng	-0.08
75) Chrysene-d12	14.05	240	480713	20.00	ng	-0.09
86) Perylene-d12	15.51	264	424234	20.00	ng	-0.10
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	301471	37.34	ng	-0.08
7) Phenol-d6	6.52	99	238548	22.96	ng	-0.08
23) Nitrobenzene-d5	7.46	82	828530	79.41	ng	-0.08
41) 2,4,6-Tribromophenol	10.73	330	196406	89.86	ng	-0.08
44) 2-Fluorobiphenyl	9.25	172	1456269	87.30	ng	-0.08
78) Terphenyl-d14	13.01	244	1657488	81.02	ng	-0.07
Target Compounds						Qvalue
10) Phenol	6.53	94	36847	3.03	ng	76
19) n-Nitroso-di-n-propylamine	7.46	70	110367	16.69	ng	# 81
25) Isophorone	7.46	82	823385	42.35	ng	# 65
49) Dimethylphthalate	9.65	163	77192	3.79	ng	# 98
50) 2,6-Dinitrotoluene	9.93	165	38355	8.73	ng	# 30
56) 2,4-Dinitrotoluene	9.93	165	38357	6.55	ng	# 19
64) 4,6-Dinitro-2-methylphenol	10.72	198	326	2.77	ng	# 1
66) 4-Bromophenyl-phenylether	10.72	248	13892	2.56	ng	# 1

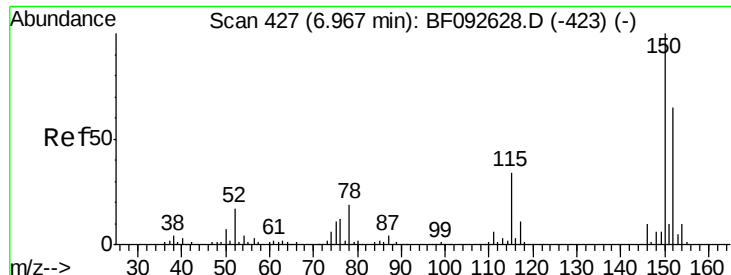
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.90 min Scan# 421

Delta R.T. -0.07 min

Lab File: BF092868.D

Acq: 8 Feb 2017 22:08

Instrument :

BNA_F

ClientSampleId :

020617-PR-E-D-M

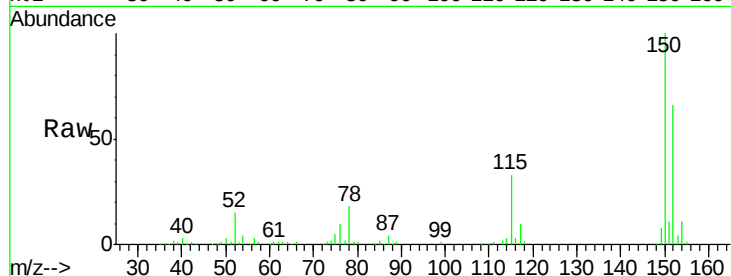
Tgt Ion:152 Resp: 138505

Ion Ratio Lower Upper

152 100

150 150.7 124.9 187.3

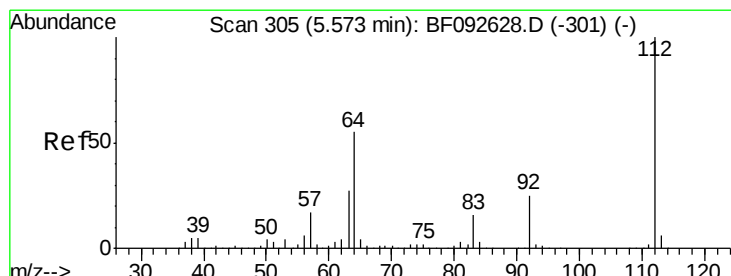
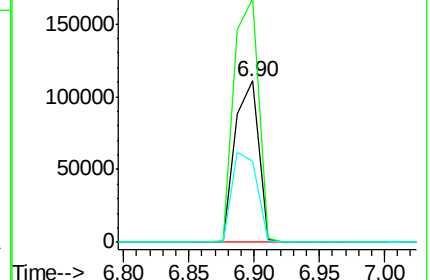
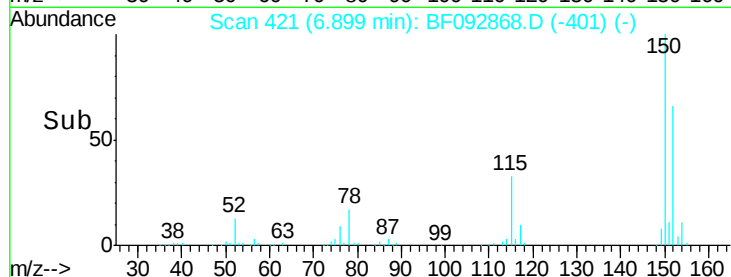
115 50.1 46.0 69.0



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: 37.34 ng

RT: 5.49 min Scan# 298

Delta R.T. -0.08 min

Lab File: BF092868.D

Acq: 8 Feb 2017 22:08

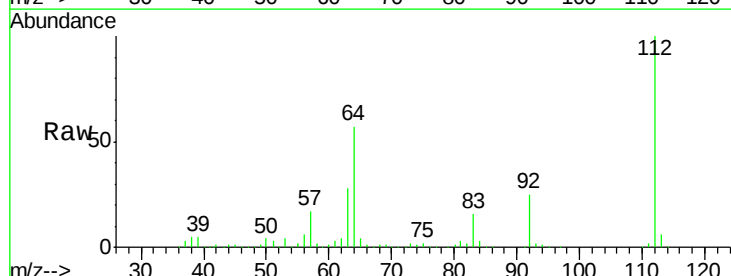
Tgt Ion:112 Resp: 301471

Ion Ratio Lower Upper

112 100

64 57.3 46.1 69.1

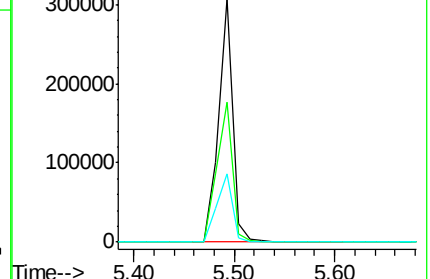
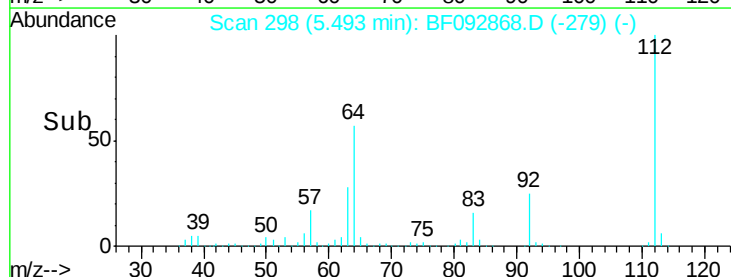
63 27.9 23.8 35.6

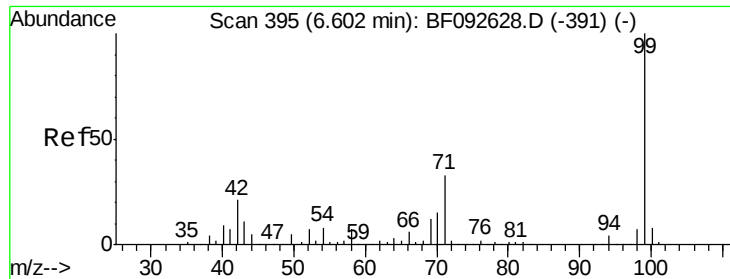


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 22.96 ng

RT: 6.52 min Scan# 388

Delta R.T. -0.08 min

Lab File: BF092868.D

Acq: 8 Feb 2017 22:08

Instrument :

BNA_F

ClientSampleId :

020617-PR-E-D-M

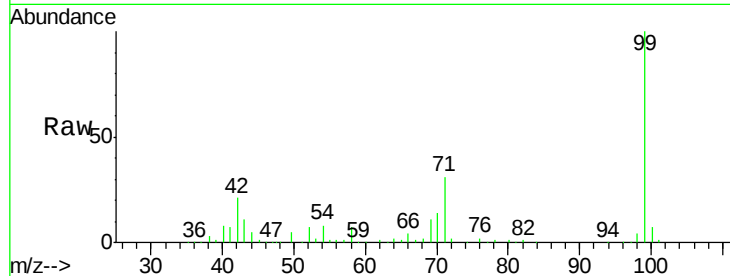
Tgt Ion: 99 Resp: 238548

Ion Ratio Lower Upper

99 100

42 20.5 15.6 23.4

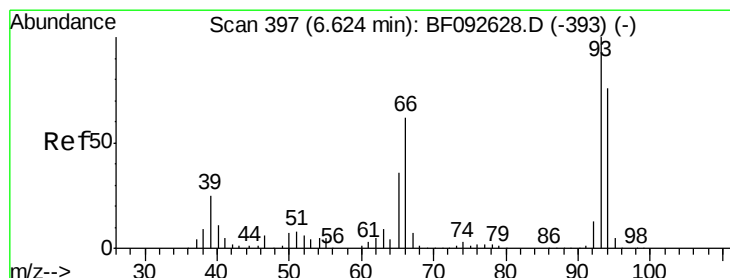
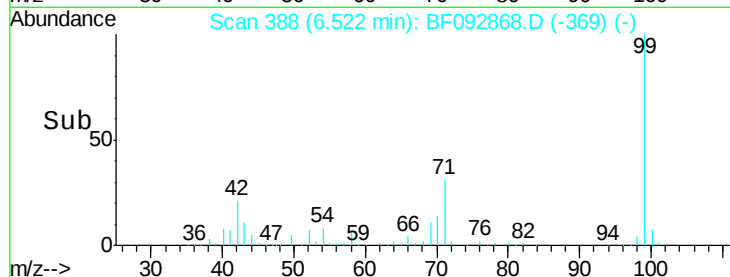
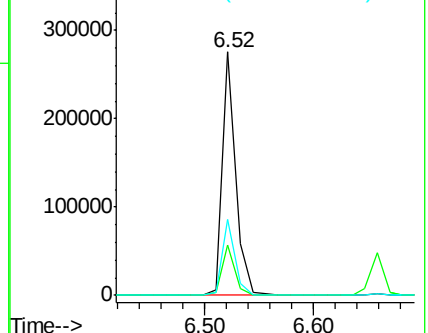
71 31.3 27.5 41.3



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: 3.03 ng

RT: 6.53 min Scan# 389

Delta R.T. -0.09 min

Lab File: BF092868.D

Acq: 8 Feb 2017 22:08

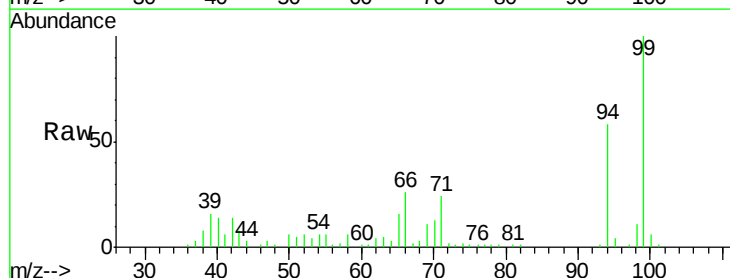
Tgt Ion: 94 Resp: 36847

Ion Ratio Lower Upper

94 100

65 27.8 21.4 61.4

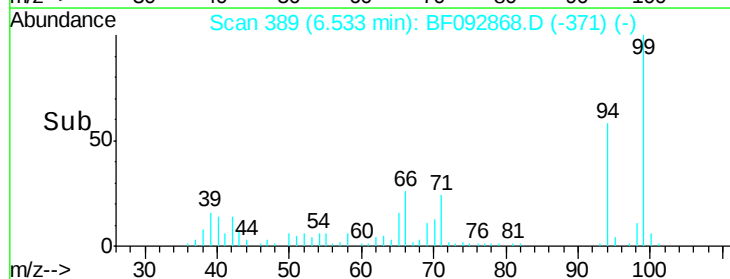
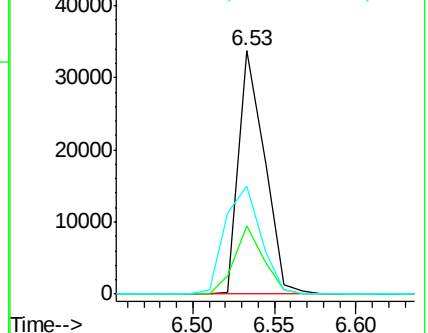
66 44.1 44.0 84.0

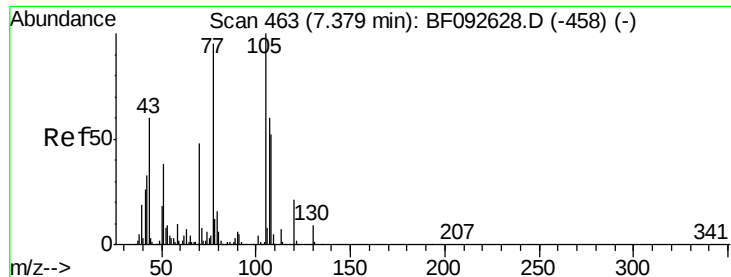


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

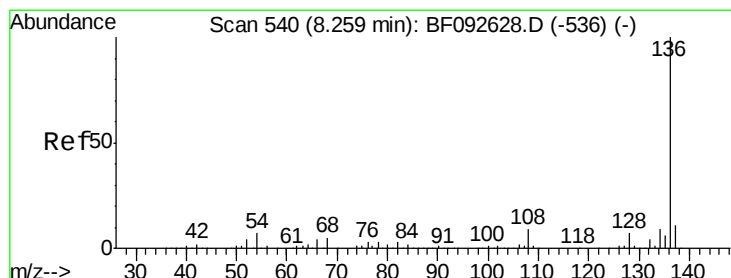
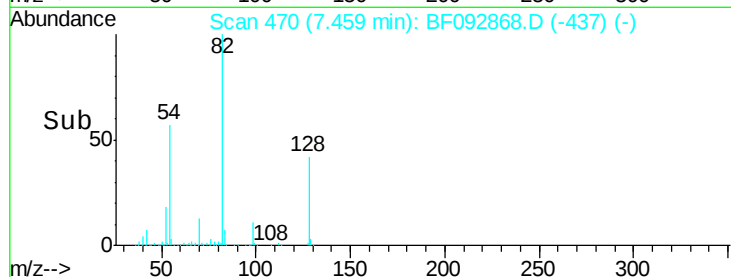
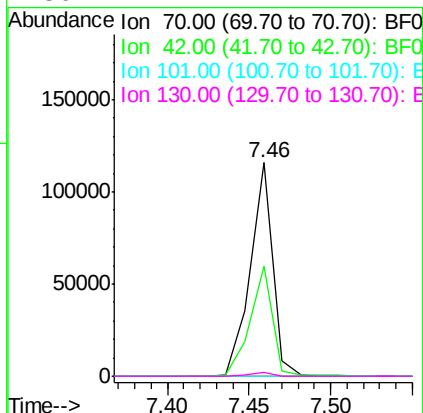
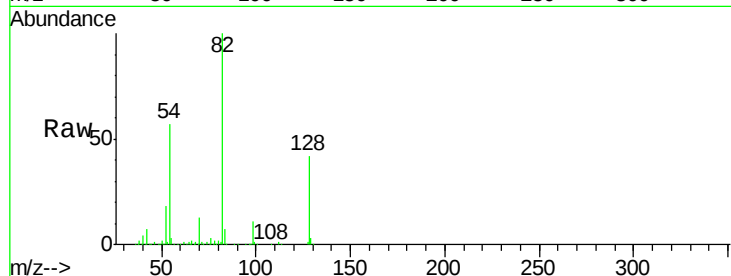




#19
n-Nitroso-di-n-propylamine
Concen: 16.69 ng
RT: 7.46 min Scan# 470
Delta R.T. 0.08 min
Lab File: BF092868.D
Acq: 8 Feb 2017 22:08

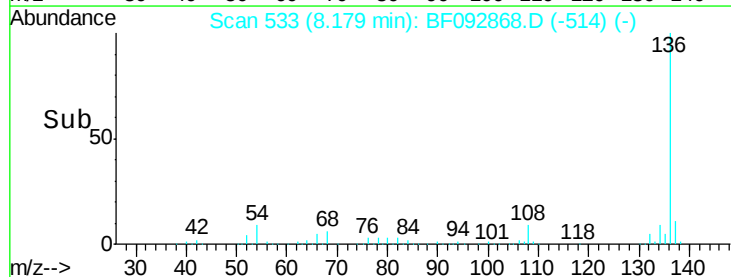
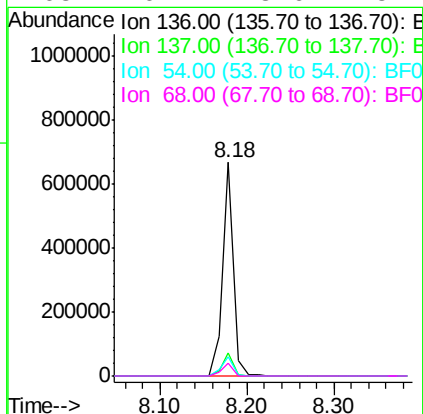
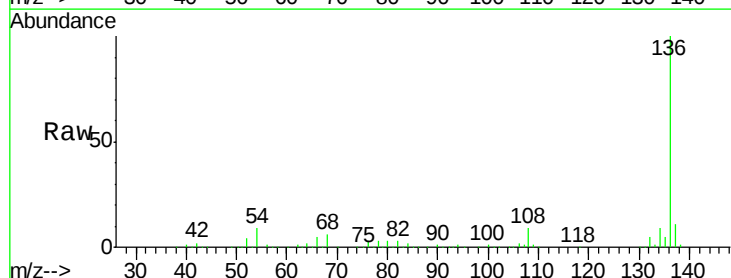
Instrument :
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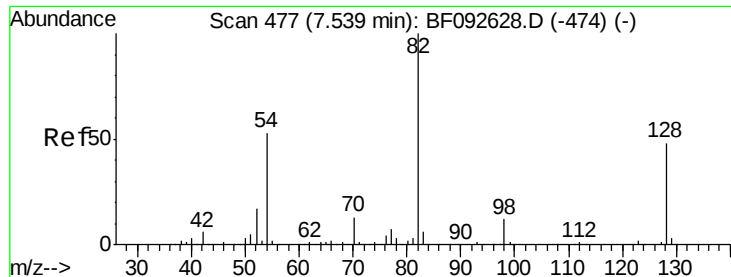
Tgt Ion: 70 Resp: 110367
Ion Ratio Lower Upper
70 100
42 51.7 49.4 74.0
101 0.0 7.4 11.2#
130 2.1 14.2 21.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.18 min Scan# 533
Delta R.T. -0.08 min
Lab File: BF092868.D
Acq: 8 Feb 2017 22:08

Tgt Ion: 136 Resp: 580987
Ion Ratio Lower Upper
136 100
137 11.0 8.4 12.6
54 8.8 4.5 6.7#
68 6.2 3.6 5.4#

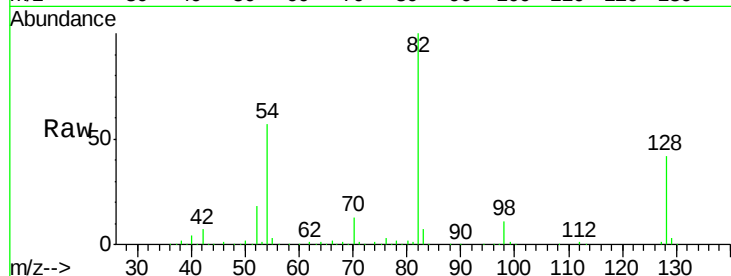




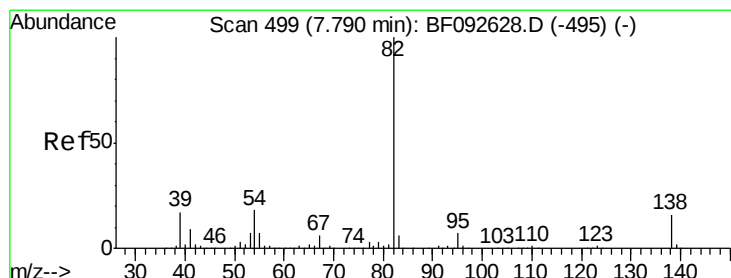
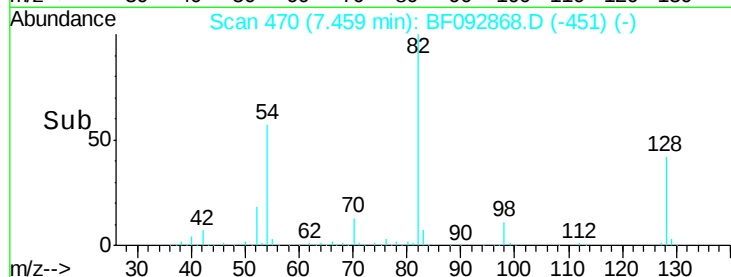
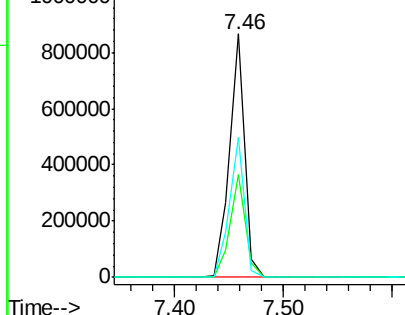
#23
Nitrobenzene-d5
Concen: 79.41 ng
RT: 7.46 min Scan# 470
Delta R.T. -0.08 min
Lab File: BF092868.D
Acq: 8 Feb 2017 22:08

Instrument :
BNA_F
ClientSampleId :
020617-PR-E-D-M

Tgt Ion: 82 Resp: 828530
Ion Ratio Lower Upper
82 100
128 42.2 34.6 52.0
54 57.4 39.5 59.3

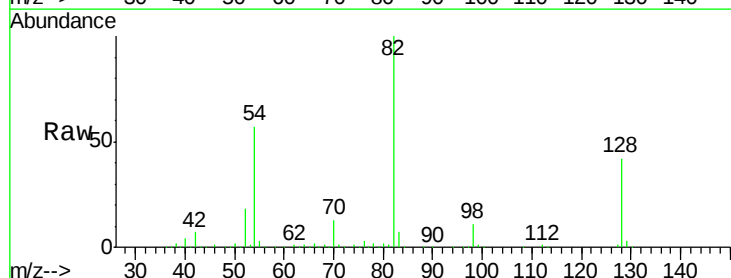


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): BF0
Ion 54.00 (53.70 to 54.70): BF0

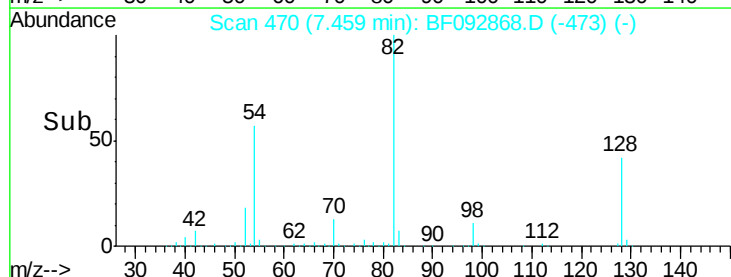
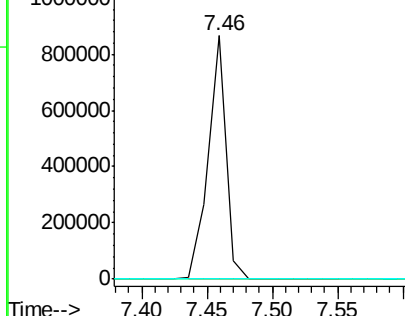


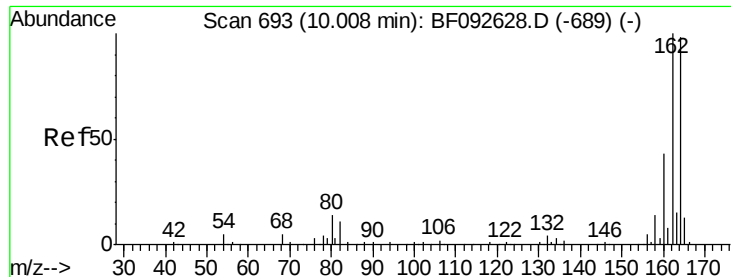
#25
Isophorone
Concen: 42.35 ng
RT: 7.46 min Scan# 470
Delta R.T. -0.33 min
Lab File: BF092868.D
Acq: 8 Feb 2017 22:08

Tgt Ion: 82 Resp: 823385
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: 9.93 min Scan# 686

Delta R.T. -0.08 min

Lab File: BF092868.D

Acq: 8 Feb 2017 22:08

Instrument :

BNA_F

ClientSampleId :

020617-PR-E-D-M

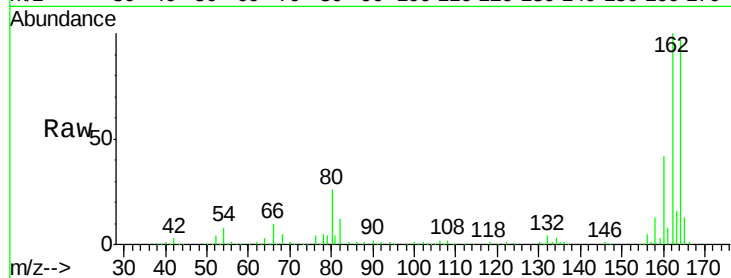
Tgt Ion:164 Resp: 302202

Ion Ratio Lower Upper

164 100

162 102.6 80.2 120.2

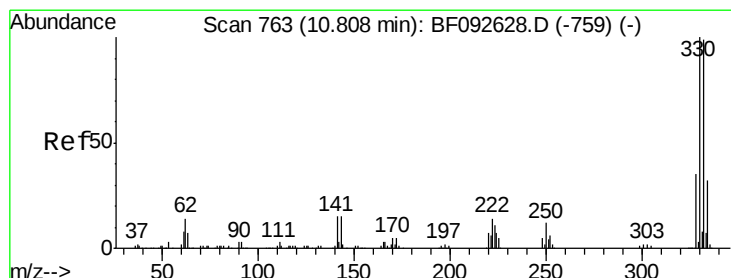
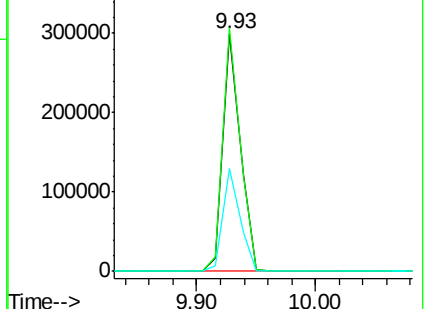
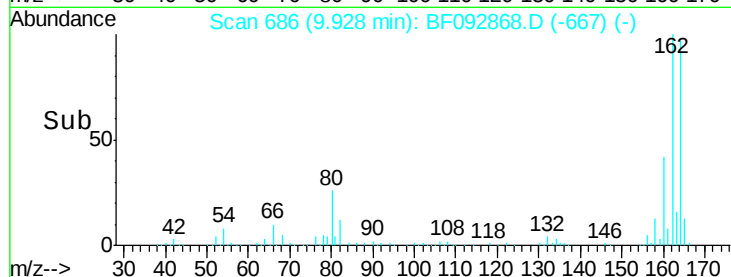
160 43.3 36.9 55.3



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: 89.86 ng

RT: 10.73 min Scan# 756

Delta R.T. -0.08 min

Lab File: BF092868.D

Acq: 8 Feb 2017 22:08

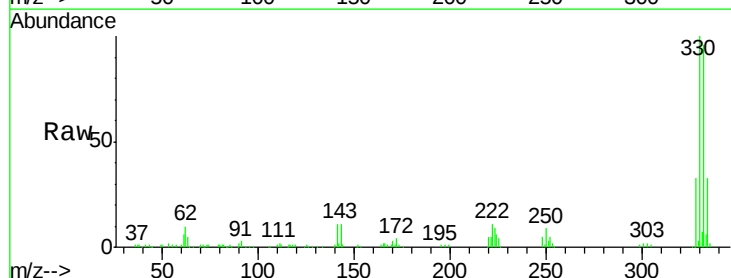
Tgt Ion:330 Resp: 196406

Ion Ratio Lower Upper

330 100

332 95.8 77.4 116.2

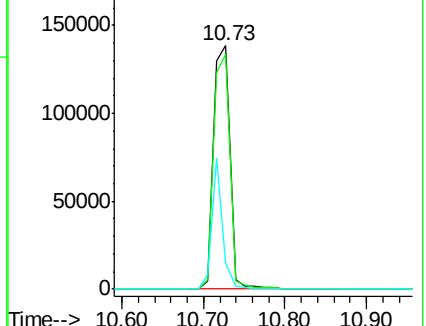
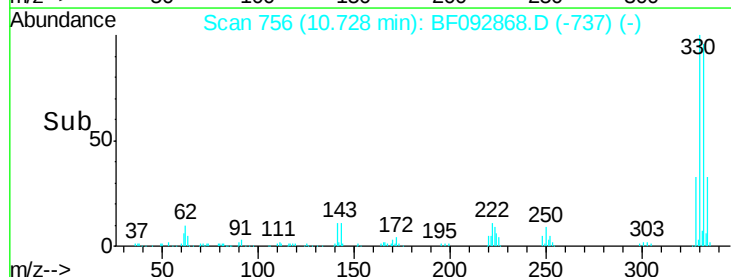
141 35.5 34.1 51.1

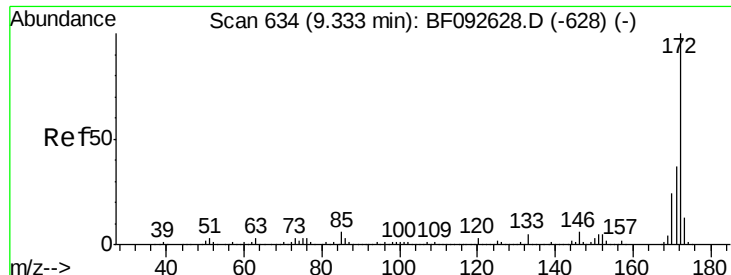


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

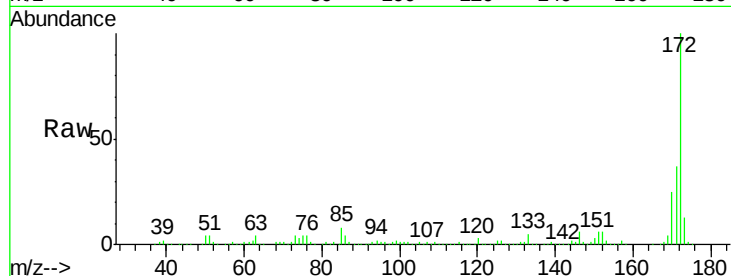




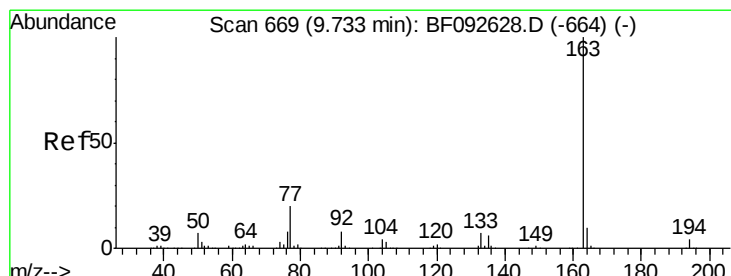
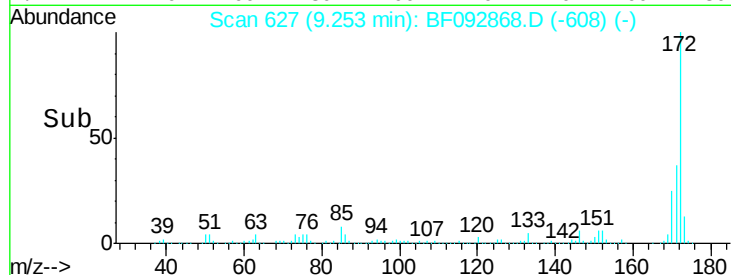
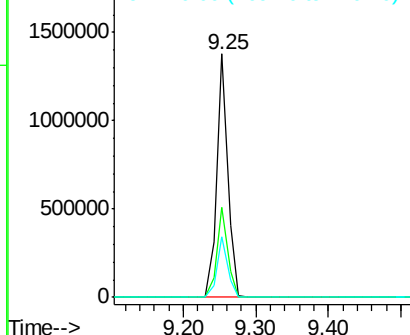
#44
 2-Fluorobiphenyl
 Concen: 87.30 ng
 RT: 9.25 min Scan# 627
 Delta R.T. -0.08 min
 Lab File: BF092868.D
 Acq: 8 Feb 2017 22:08

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Tgt Ion:172 Resp: 1456269
 Ion Ratio Lower Upper
 172 100
 171 37.1 29.4 44.0
 170 24.6 20.2 30.4

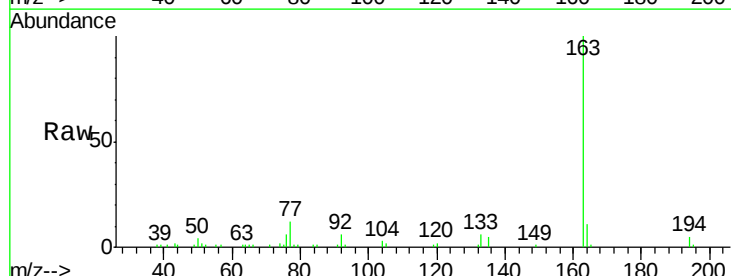


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

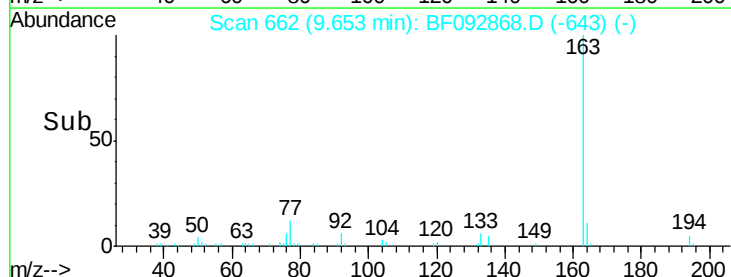
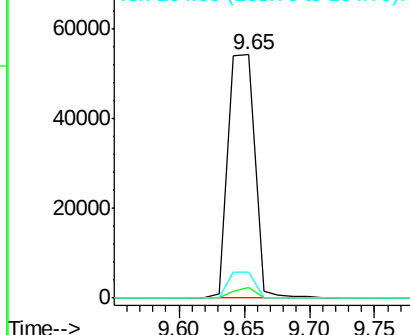


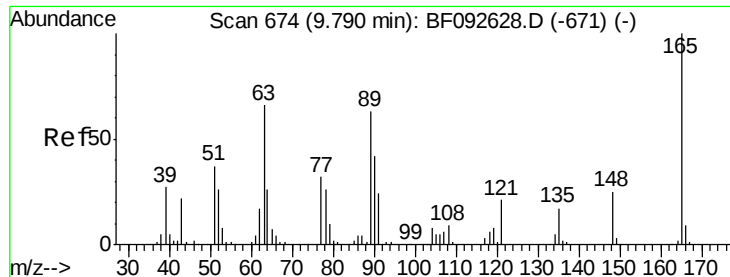
#49
 Dimethylphthalate
 Concen: 3.79 ng
 RT: 9.65 min Scan# 662
 Delta R.T. -0.08 min
 Lab File: BF092868.D
 Acq: 8 Feb 2017 22:08

Tgt Ion:163 Resp: 77192
 Ion Ratio Lower Upper
 163 100
 194 4.5 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

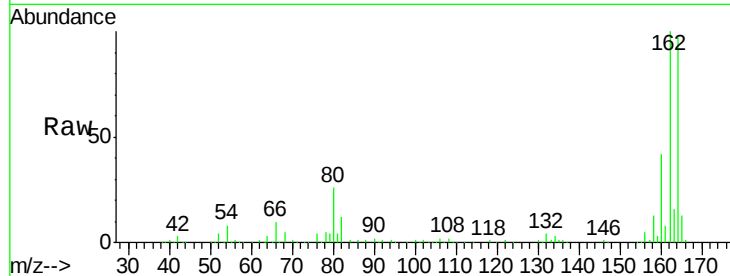




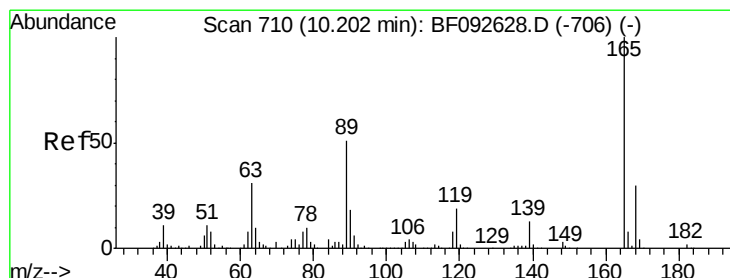
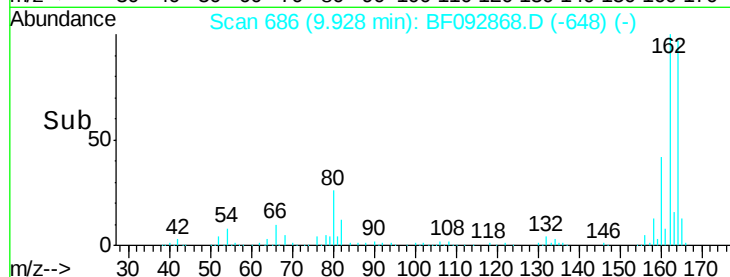
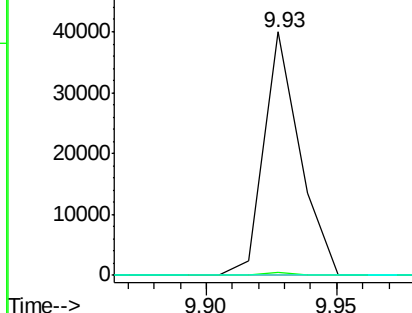
#50
 2,6-Dinitrotoluene
 Concen: 8.73 ng
 RT: 9.93 min Scan# 686
 Delta R.T. 0.14 min
 Lab File: BF092868.D
 Acq: 8 Feb 2017 22:08

Instrument :
 BNA_F
 ClientSampleId :
 020617-PR-E-D-M

Tgt Ion:165 Resp: 38355
 Ion Ratio Lower Upper
 165 100
 63 1.1 36.2 54.4#
 89 0.0 40.2 60.4#



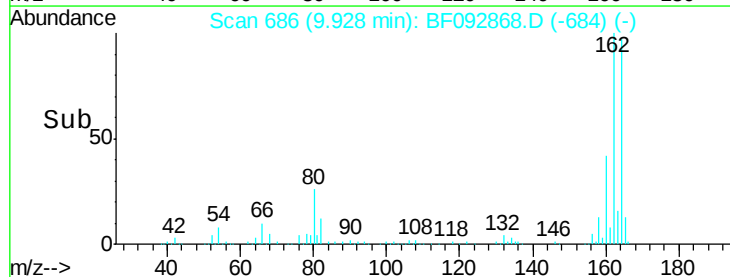
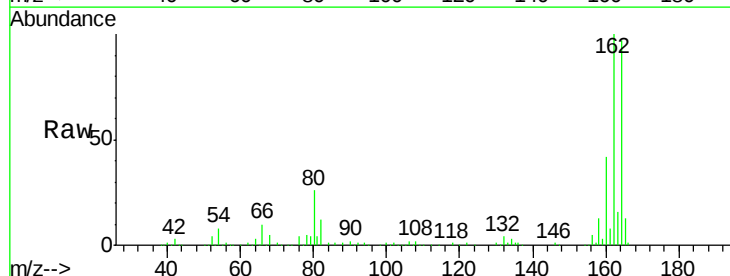
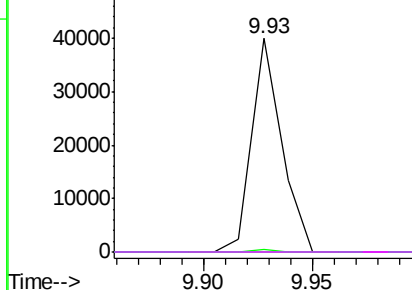
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

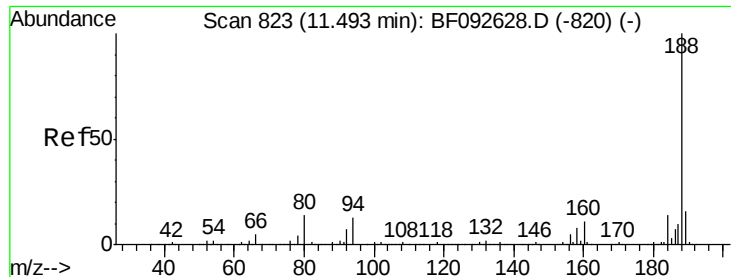


#56
 2,4-Dinitrotoluene
 Concen: 6.55 ng
 RT: 9.93 min Scan# 686
 Delta R.T. -0.27 min
 Lab File: BF092868.D
 Acq: 8 Feb 2017 22:08

Tgt Ion:165 Resp: 38357
 Ion Ratio Lower Upper
 165 100
 63 1.1 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

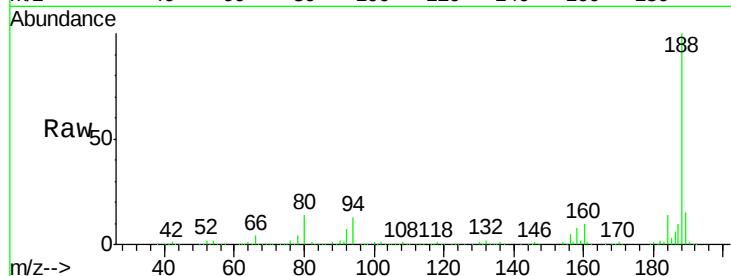




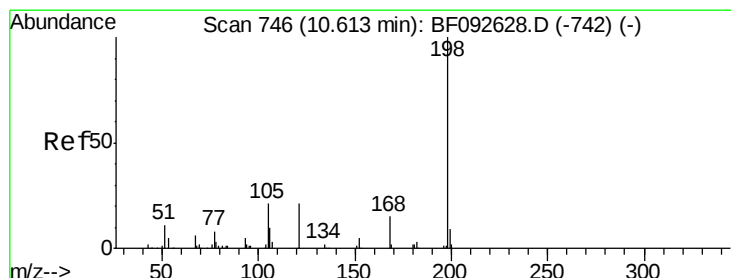
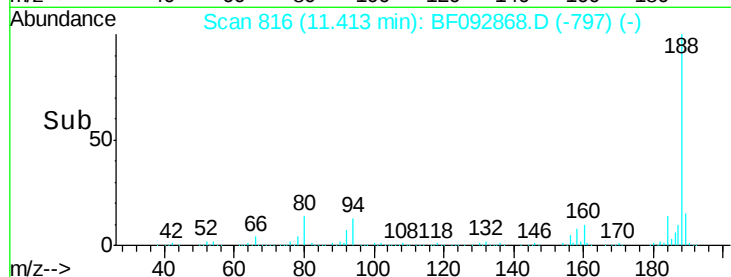
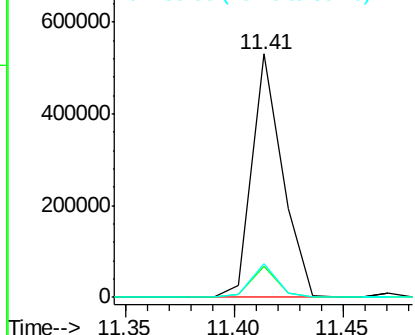
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.41 min Scan# 816
Delta R.T. -0.08 min
Lab File: BF092868.D
Acq: 8 Feb 2017 22:08

Instrument :
BNA_F
ClientSampleId :
020617-PR-E-D-M

Tgt Ion:188 Resp: 518626
Ion Ratio Lower Upper
188 100
94 12.6 10.0 15.0
80 13.8 11.2 16.8

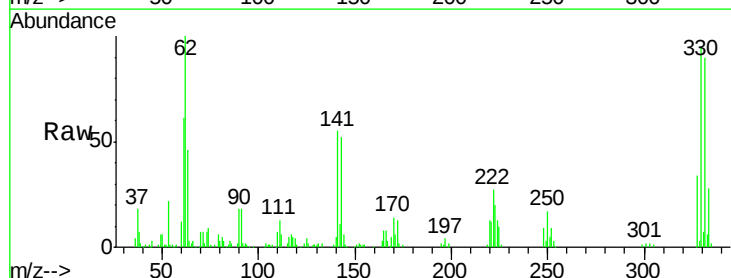


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

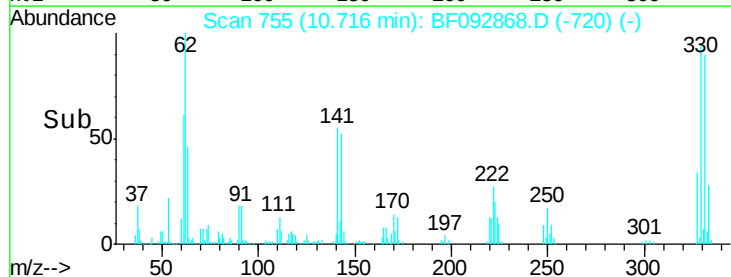
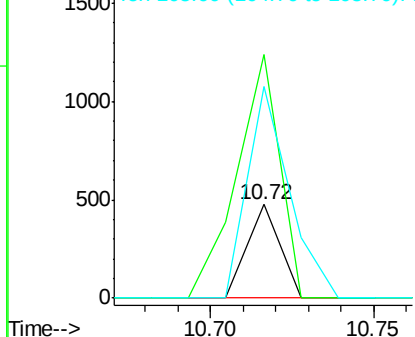


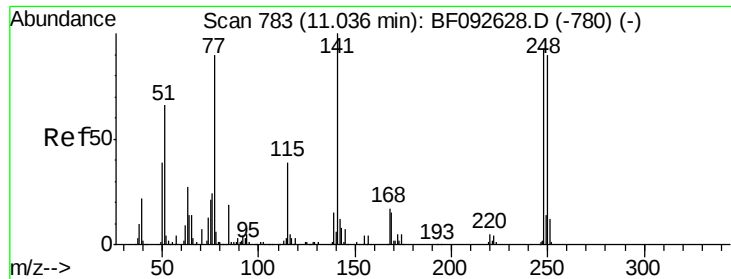
#64
4,6-Dinitro-2-methylphenol
Concen: 2.77 ng
RT: 10.72 min Scan# 755
Delta R.T. 0.10 min
Lab File: BF092868.D
Acq: 8 Feb 2017 22:08

Tgt Ion:198 Resp: 326
Ion Ratio Lower Upper
198 100
51 260.1 6.7 46.7#
105 225.6 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: 2.56 ng

RT: 10.72 min Scan# 755

Delta R.T. -0.32 min

Lab File: BF092868.D

Acq: 8 Feb 2017 22:08

Instrument :

BNA_F

ClientSampleId :

020617-PR-E-D-M

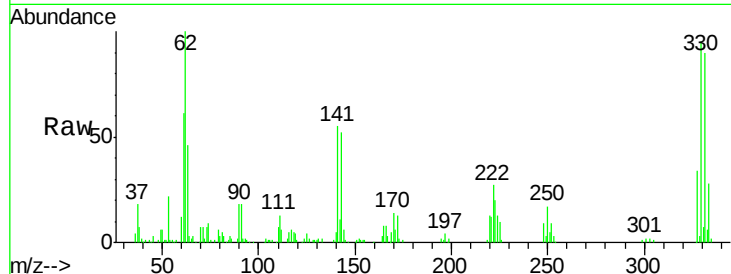
Tgt Ion:248 Resp: 13892

Ion Ratio Lower Upper

248 100

250 187.8 76.9 115.3#

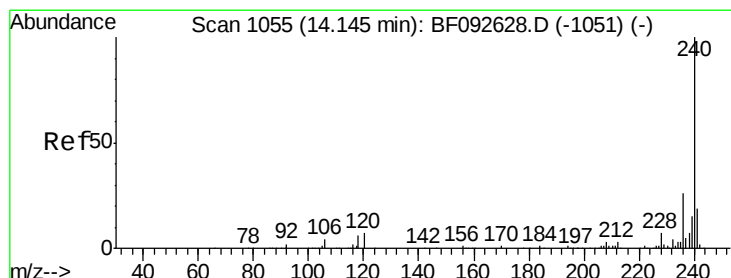
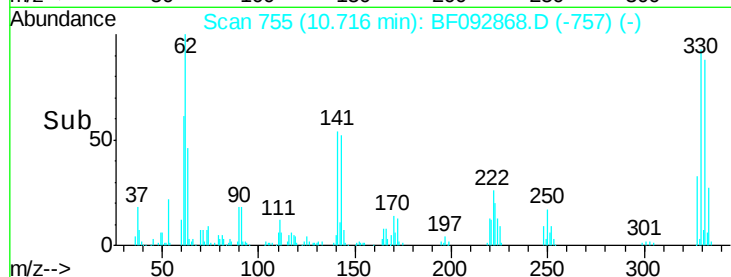
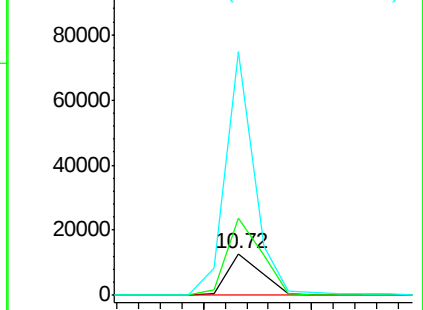
141 588.4 68.2 102.4#



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: 14.05 min Scan# 1047

Delta R.T. -0.09 min

Lab File: BF092868.D

Acq: 8 Feb 2017 22:08

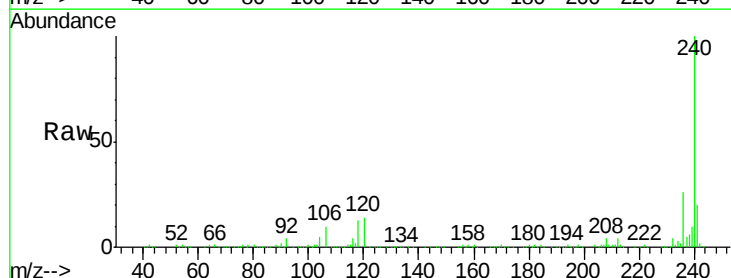
Tgt Ion:240 Resp: 480713

Ion Ratio Lower Upper

240 100

120 14.1 12.9 19.3

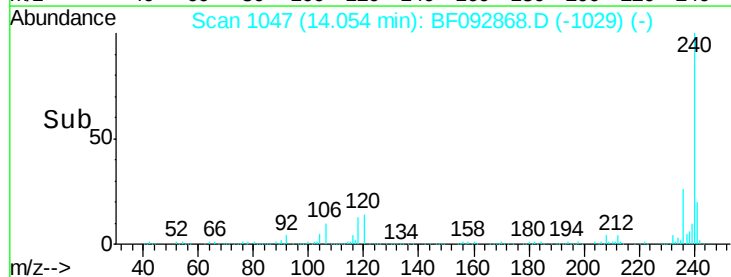
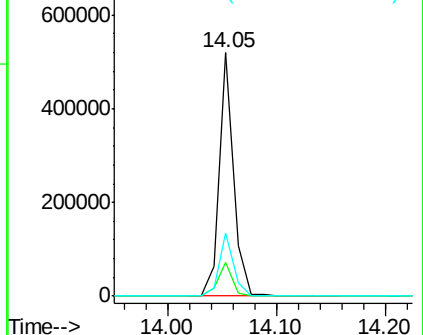
236 26.0 20.9 31.3

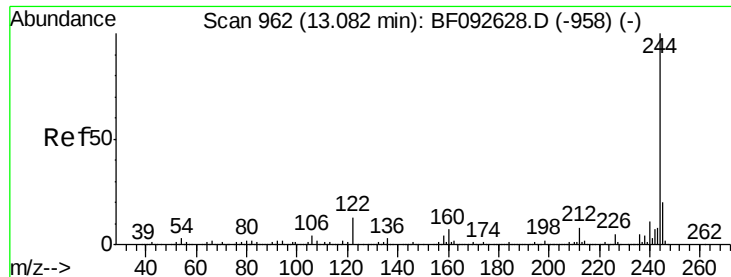


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 81.02 ng

RT: 13.01 min Scan# 956

Delta R.T. -0.07 min

Lab File: BF092868.D

Acq: 8 Feb 2017 22:08

Instrument :

BNA_F

ClientSampleId :

020617-PR-E-D-M

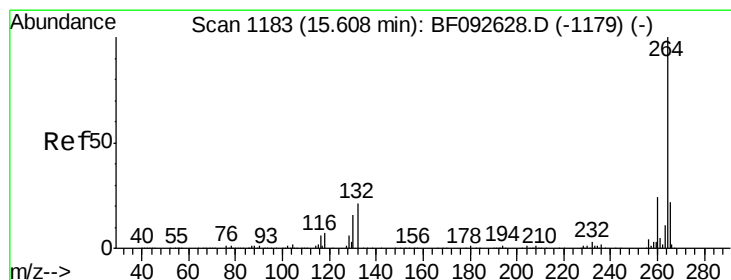
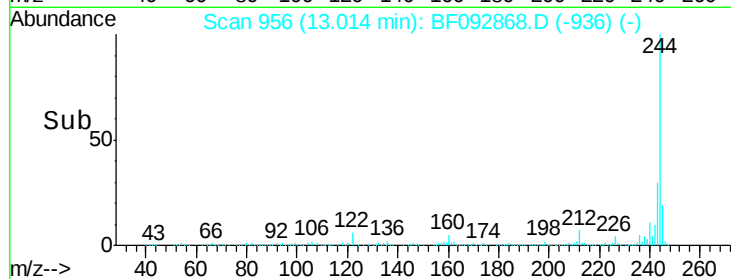
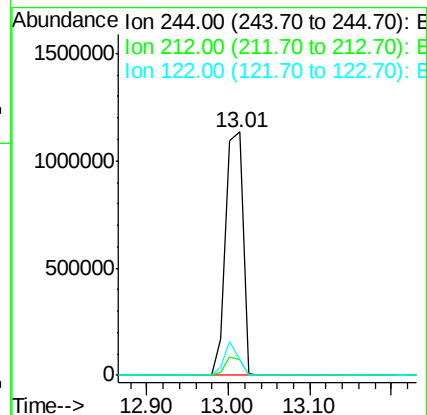
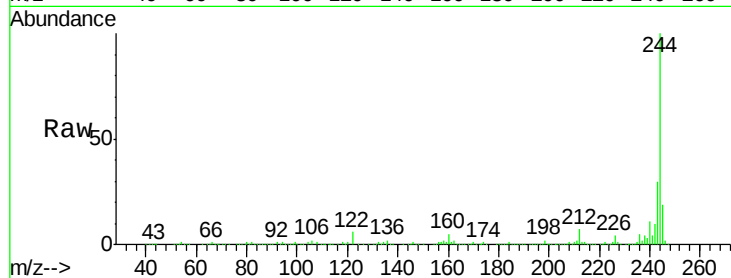
Tgt Ion:244 Resp: 1657488

Ion Ratio Lower Upper

244 100

212 6.7 6.2 9.2

122 6.4 11.4 17.2#



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.51 min Scan# 1174

Delta R.T. -0.10 min

Lab File: BF092868.D

Acq: 8 Feb 2017 22:08

Tgt Ion:264 Resp: 424234

Ion Ratio Lower Upper

264 100

260 24.2 19.2 28.8

265 21.1 17.4 26.0

