

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF013017\
 Data File : BF092655.D
 Acq On : 31 Jan 2017 1:11
 Operator : SJ/MA
 Sample : I1555-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-AA5-AA6-AA7-AA8B

Quant Time: Jan 31 01:40:11 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

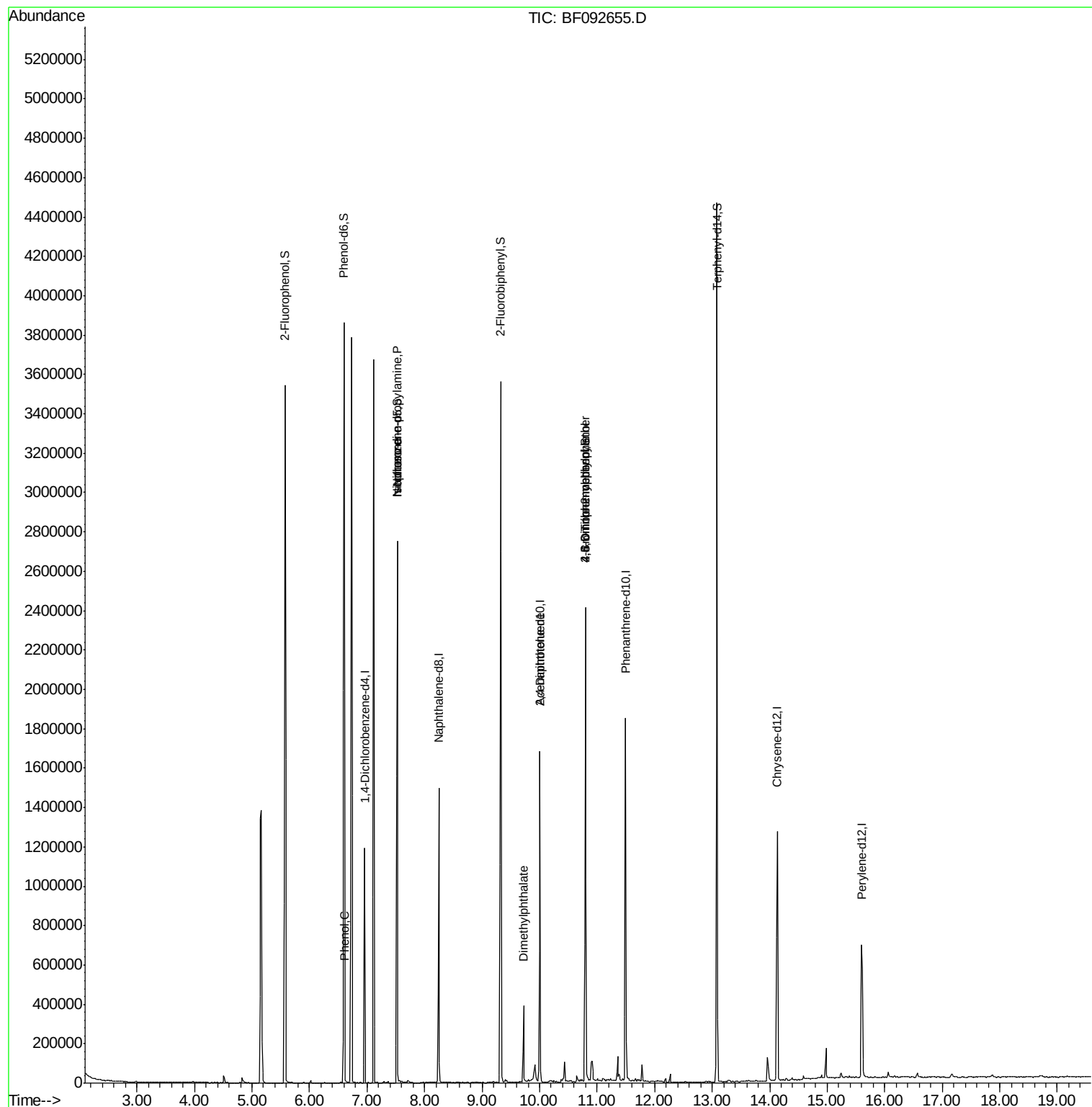
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	166091	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	695239	20.00	ng	-0.01
38) Acenaphthene-d10	10.01	164	408859	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	651499	20.00	ng	0.00
75) Chrysene-d12	14.13	240	524210	20.00	ng	-0.01
86) Perylene-d12	15.60	264	366497	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	1222579	126.29	ng	0.00
7) Phenol-d6	6.60	99	1472092	118.18	ng	0.00
23) Nitrobenzene-d5	7.53	82	1058895	84.82	ng	-0.01
41) 2,4,6-Tribromophenol	10.80	330	366592	123.97	ng	-0.01
44) 2-Fluorobiphenyl	9.32	172	1795312	79.55	ng	-0.01
78) Terphenyl-d14	13.08	244	1490853	66.82	ng	0.00
Target Compounds						
10) Phenol	6.61	94	70098	4.81	ng	# 67
19) n-Nitroso-di-n-propylamine	7.53	70	142190	17.93	ng	# 80
25) Isophorone	7.53	82	1012160	43.51	ng	# 65
49) Dimethylphthalate	9.72	163	185731	6.74	ng	99
56) 2,4-Dinitrotoluene	10.01	165	53070	6.70	ng	# 19
64) 4,6-Dinitro-2-methylphenol	10.80	198	450	2.78	ng	# 1
66) 4-Bromophenyl-phenylether	10.80	248	25848	3.80	ng	# 1

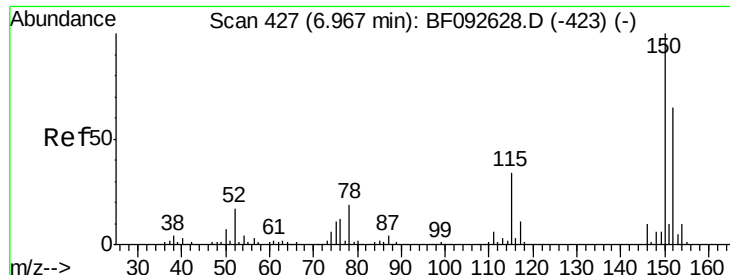
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
ALS Vial : 16 Sample Multiplier: 1

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.96 min Scan# 426

Delta R.T. -0.01 min

Lab File: BF092655.D

Acq: 31 Jan 2017 1:11

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-AA5-AA6-AA7-AA8B

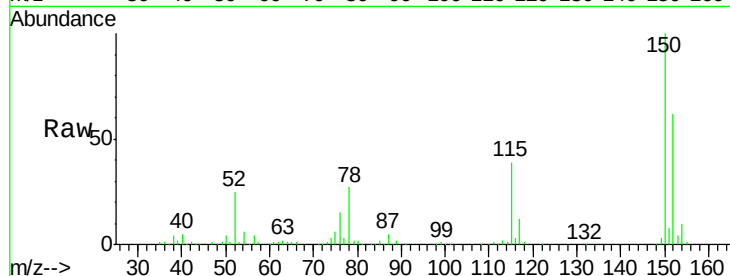
Tgt Ion:152 Resp: 166091

Ion Ratio Lower Upper

152 100

150 160.3 124.9 187.3

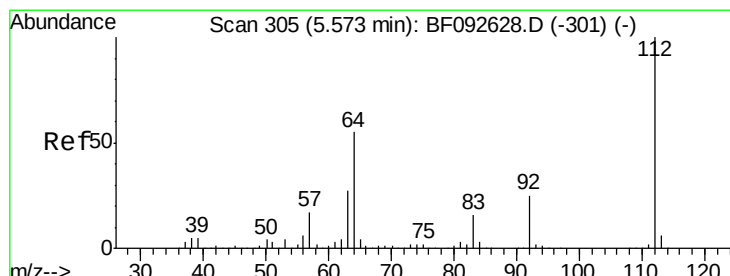
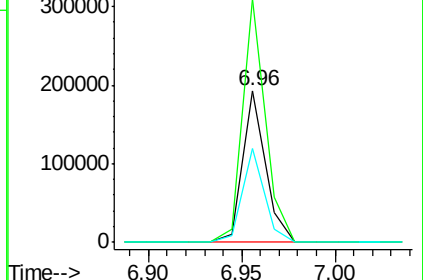
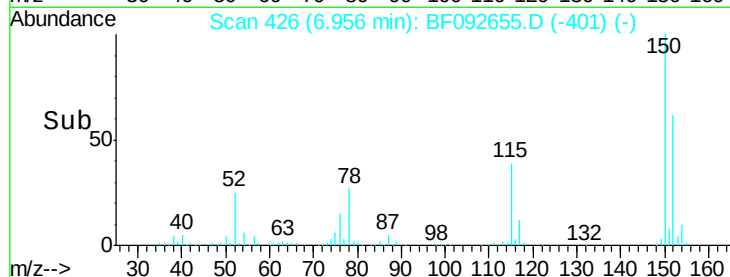
115 61.9 46.0 69.0



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: 126.29 ng

RT: 5.57 min Scan# 305

Delta R.T. 0.00 min

Lab File: BF092655.D

Acq: 31 Jan 2017 1:11

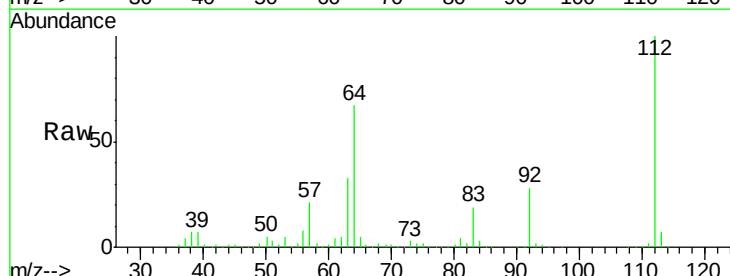
Tgt Ion:112 Resp: 1222579

Ion Ratio Lower Upper

112 100

64 67.2 46.1 69.1

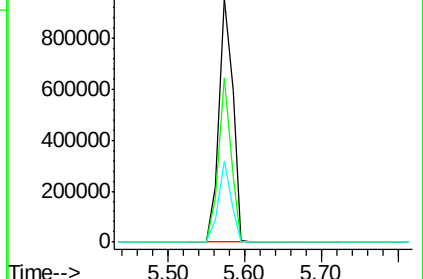
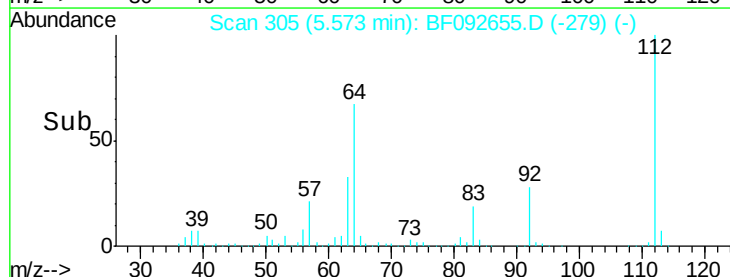
63 33.5 23.8 35.6

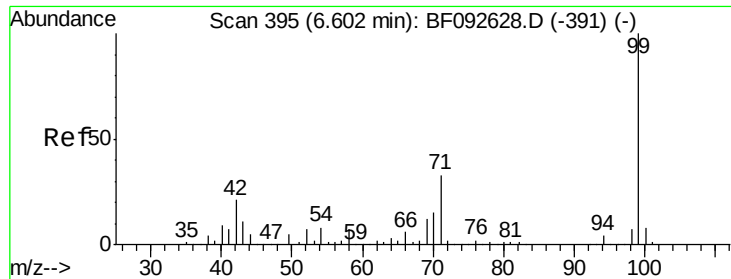


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 118.18 ng

RT: 6.60 min Scan# 395

Delta R.T. -0.00 min

Lab File: BF092655.D

Acq: 31 Jan 2017 1:11

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-AA5-AA6-AA7-AA8B

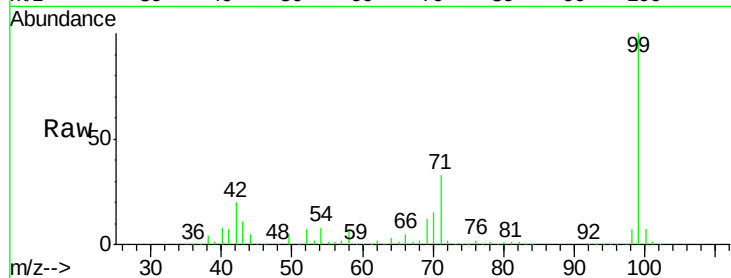
Tgt Ion: 99 Resp: 1472092

Ion Ratio Lower Upper

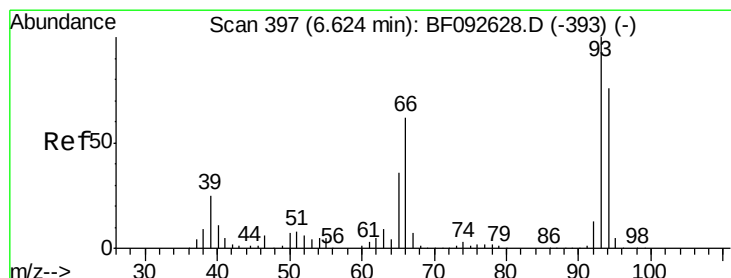
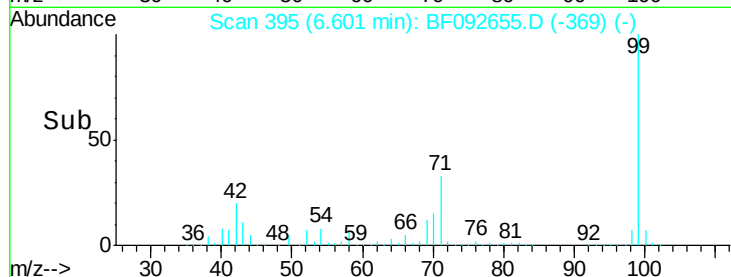
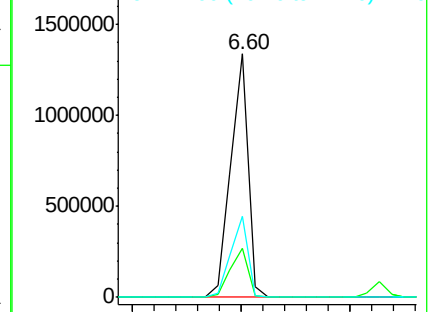
99 100

42 20.0 15.6 23.4

71 33.2 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: 4.81 ng

RT: 6.61 min Scan# 396

Delta R.T. -0.01 min

Lab File: BF092655.D

Acq: 31 Jan 2017 1:11

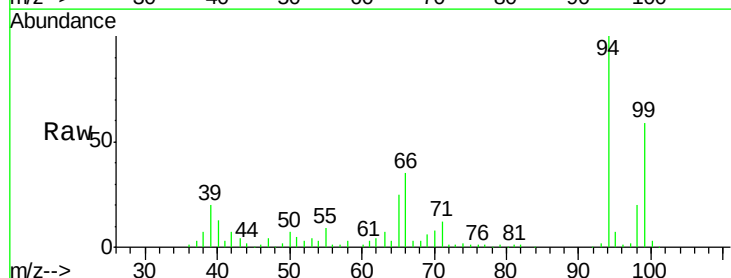
Tgt Ion: 94 Resp: 70098

Ion Ratio Lower Upper

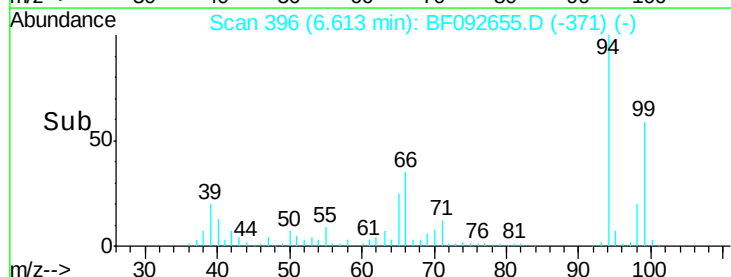
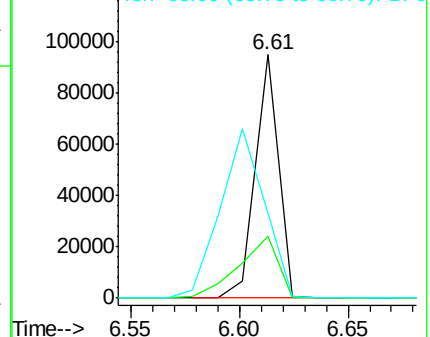
94 100

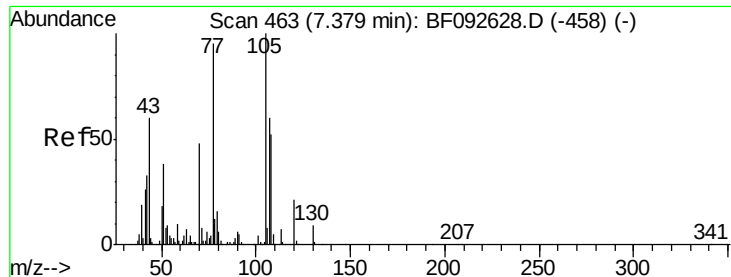
65 25.4 21.4 61.4

66 35.0 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

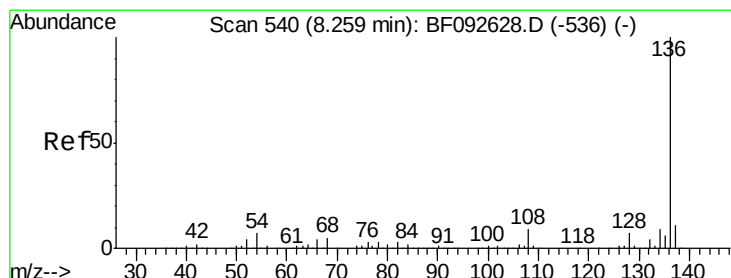
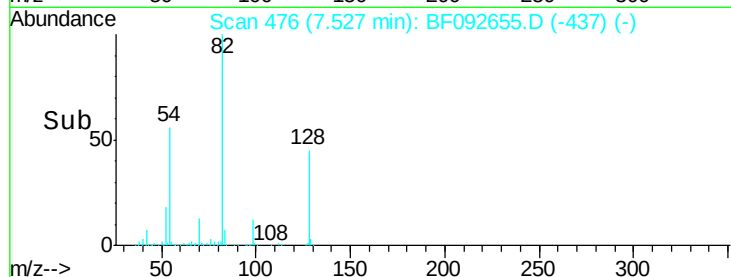
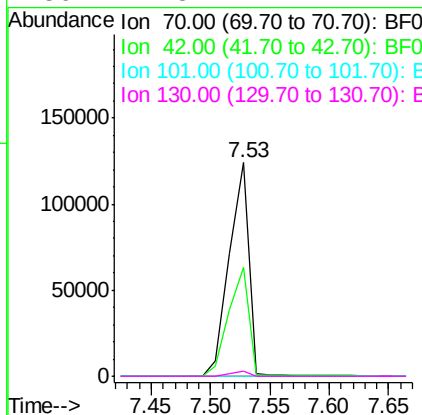
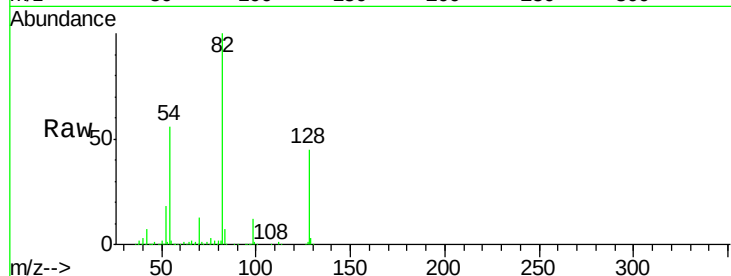




#19
 n-Nitroso-di-n-propylamine
 Concen: 17.93 ng
 RT: 7.53 min Scan# 476
 Delta R.T. 0.15 min
 Lab File: BF092655.D
 Acq: 31 Jan 2017 1:11

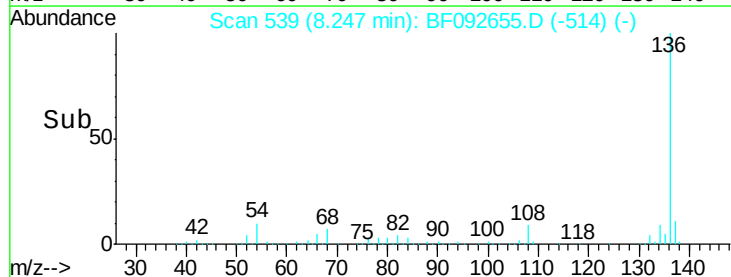
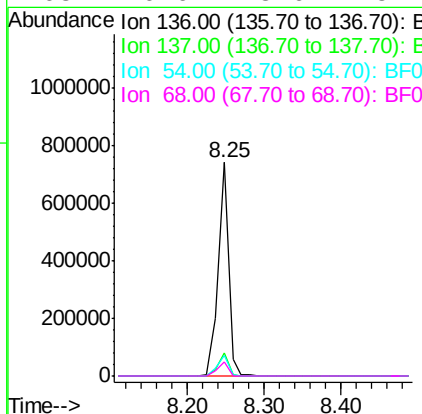
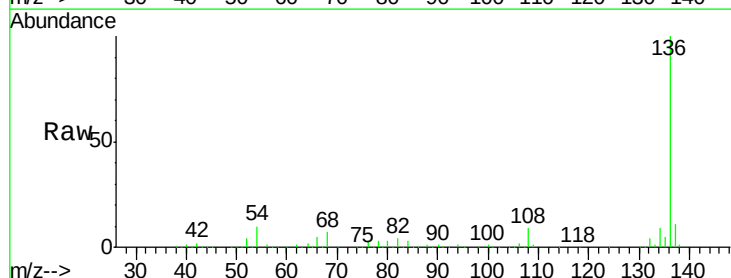
Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-AA5-AA6-AA7-AA8B

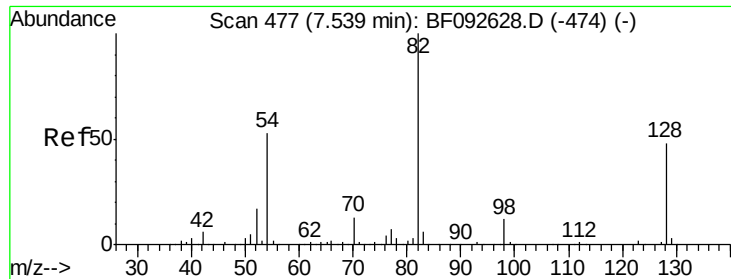
Tgt Ion: 70 Resp: 142190
 Ion Ratio Lower Upper
 70 100
 42 50.9 49.4 74.0
 101 0.0 7.4 11.2#
 130 2.3 14.2 21.4#



#21
 Naphthalene-d8
 Concen: 20.00 ng
 RT: 8.25 min Scan# 539
 Delta R.T. -0.01 min
 Lab File: BF092655.D
 Acq: 31 Jan 2017 1:11

Tgt Ion: 136 Resp: 695239
 Ion Ratio Lower Upper
 136 100
 137 11.0 8.4 12.6
 54 9.5 4.5 6.7#
 68 6.6 3.6 5.4#

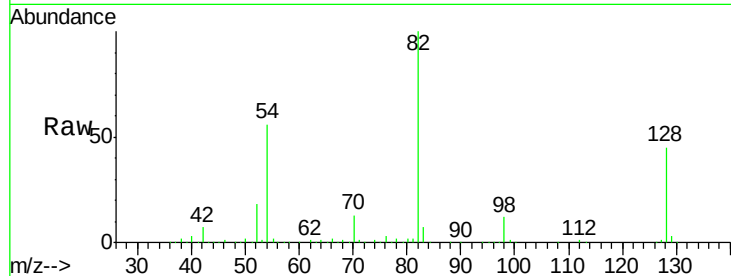




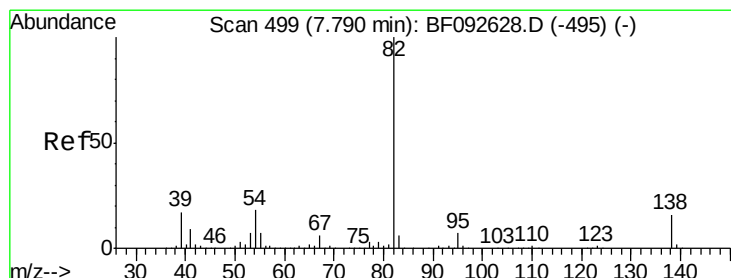
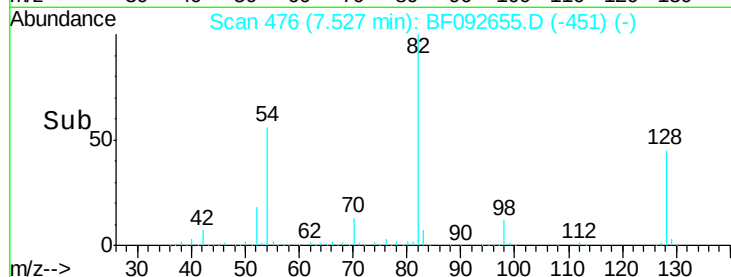
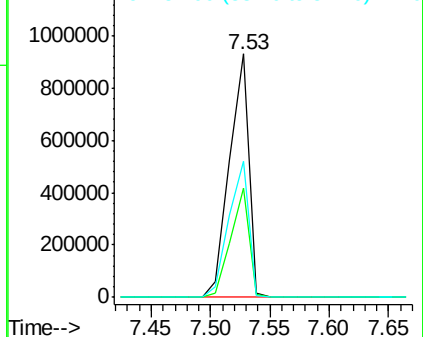
#23
 Nitrobenzene-d5
 Concen: 84.82 ng
 RT: 7.53 min Scan# 476
 Delta R.T. -0.01 min
 Lab File: BF092655.D
 Acq: 31 Jan 2017 1:11

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-AA5-AA6-AA7-AA8B

Tgt Ion: 82 Resp: 1058895
 Ion Ratio Lower Upper
 82 100
 128 44.7 34.6 52.0
 54 56.1 39.5 59.3

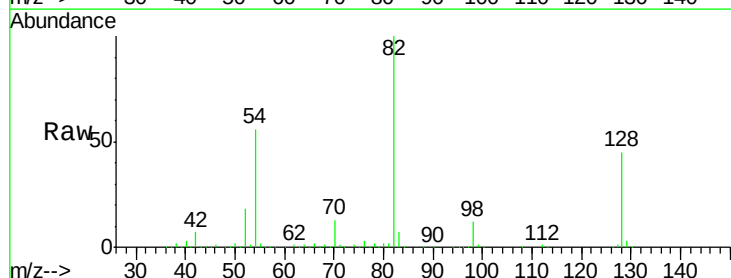


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

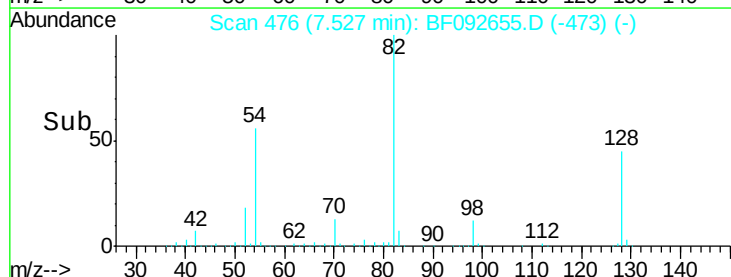
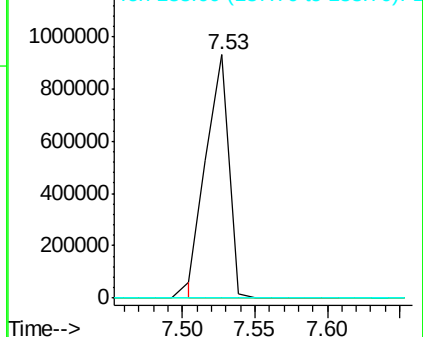


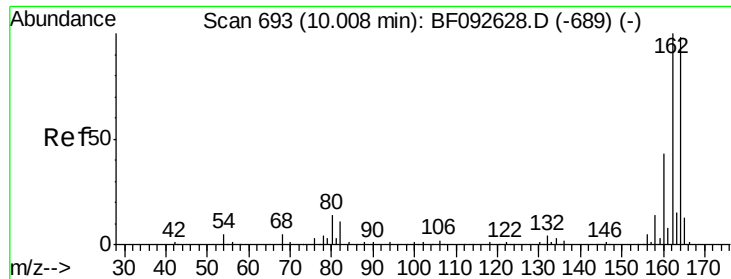
#25
 Isophorone
 Concen: 43.51 ng
 RT: 7.53 min Scan# 476
 Delta R.T. -0.26 min
 Lab File: BF092655.D
 Acq: 31 Jan 2017 1:11

Tgt Ion: 82 Resp: 1012160
 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

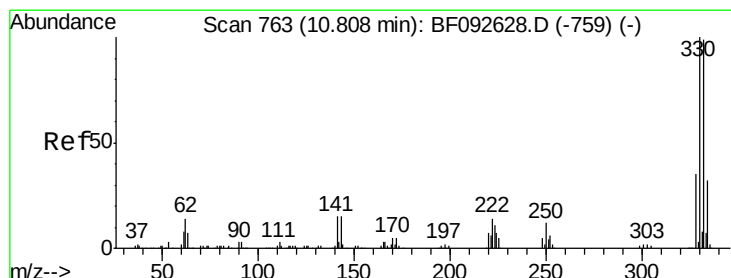
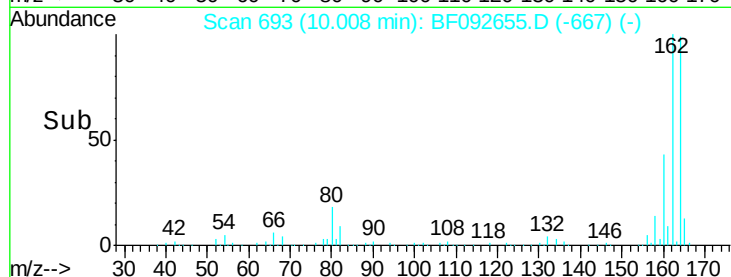
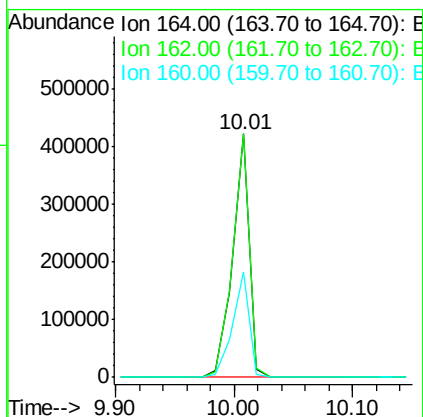
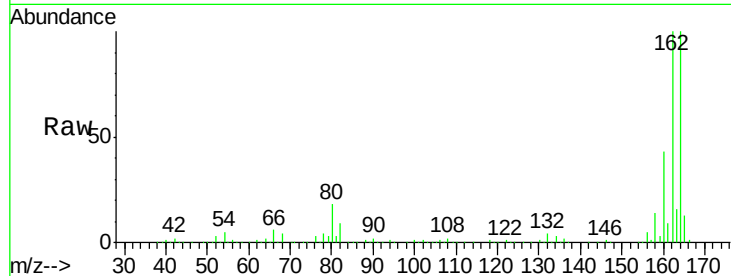




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.01 min Scan# 693
 Delta R.T. -0.00 min
 Lab File: BF092655.D
 Acq: 31 Jan 2017 1:11

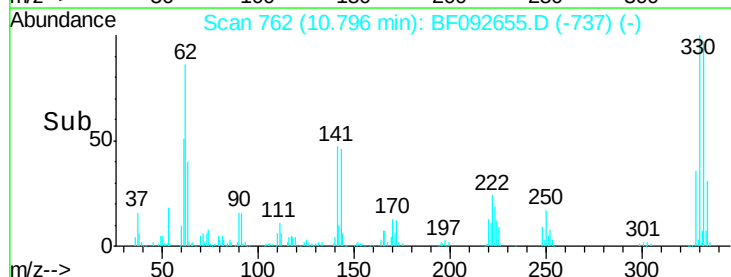
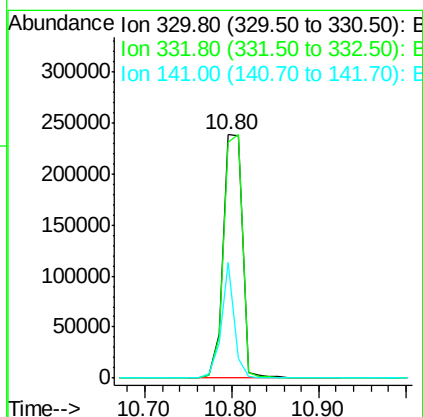
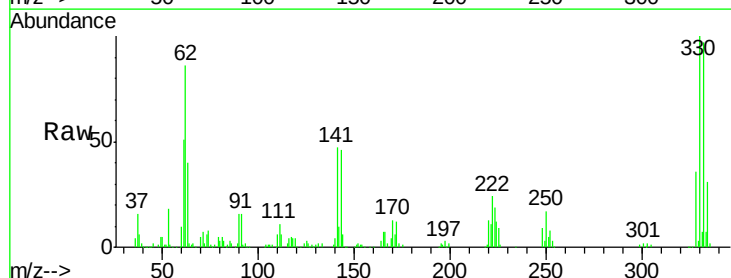
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 BNA_F
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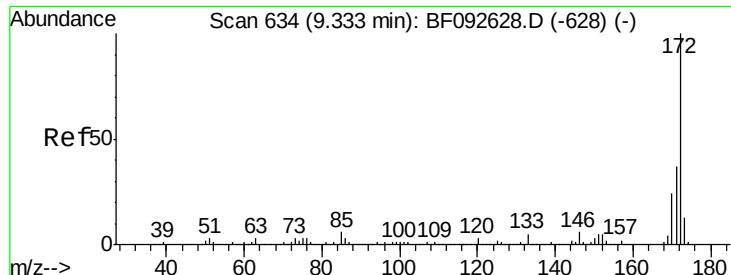
Tgt Ion:164 Resp: 408859
 Ion Ratio Lower Upper
 164 100
 162 99.9 80.2 120.2
 160 43.1 36.9 55.3



#41
 2,4,6-Tribromophenol
 Concen: 123.97 ng
 RT: 10.80 min Scan# 762
 Delta R.T. -0.01 min
 Lab File: BF092655.D
 Acq: 31 Jan 2017 1:11

Tgt Ion:330 Resp: 366592
 Ion Ratio Lower Upper
 330 100
 332 98.2 77.4 116.2
 141 32.9 34.1 51.1#

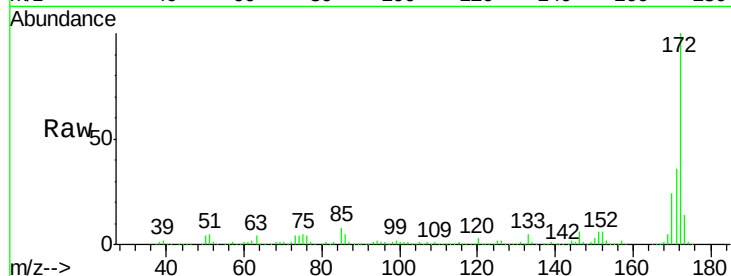




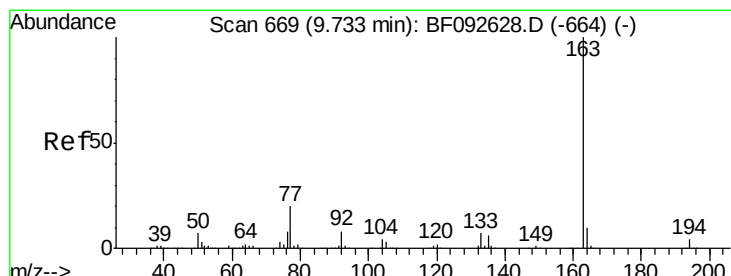
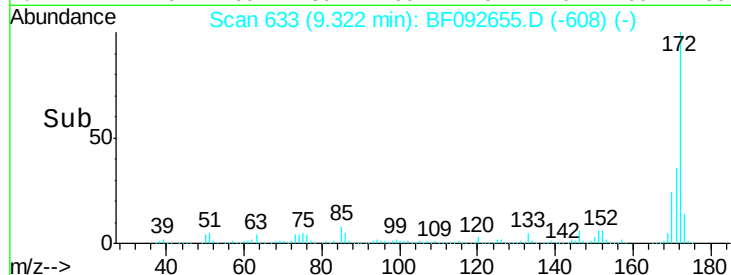
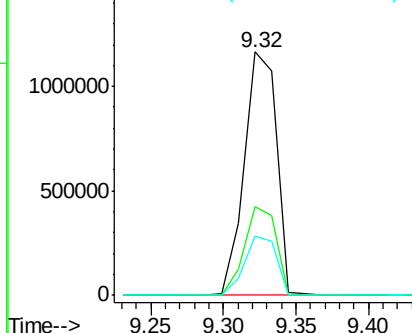
#44
2-Fluorobiphenyl
Concen: 79.55 ng
RT: 9.32 min Scan# 633
Delta R.T. -0.01 min
Lab File: BF092655.D
Acq: 31 Jan 2017 1:11

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-AA5-AA6-AA7-AA8B

Tgt Ion:172 Resp: 1795312
Ion Ratio Lower Upper
172 100
171 36.5 29.4 44.0
170 24.2 20.2 30.4

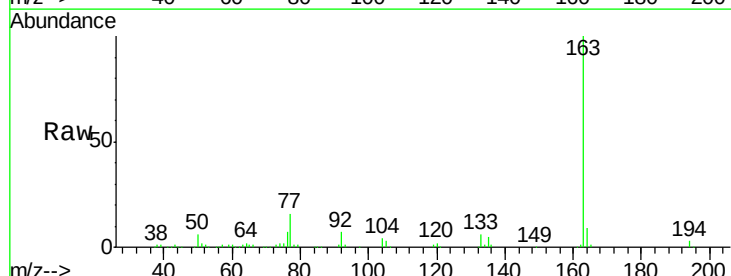


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

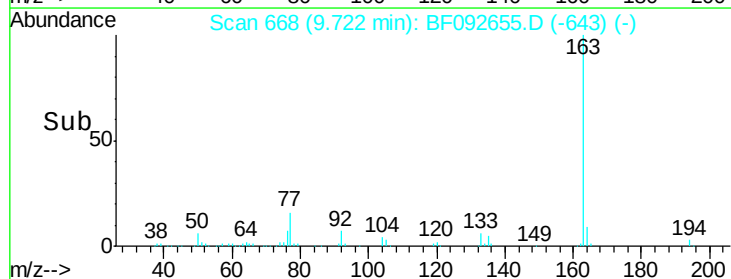
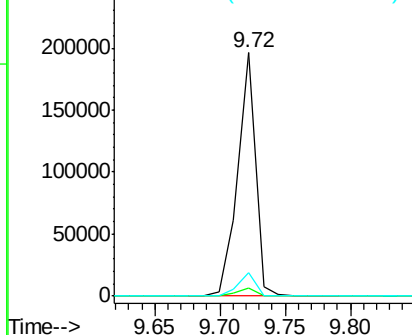


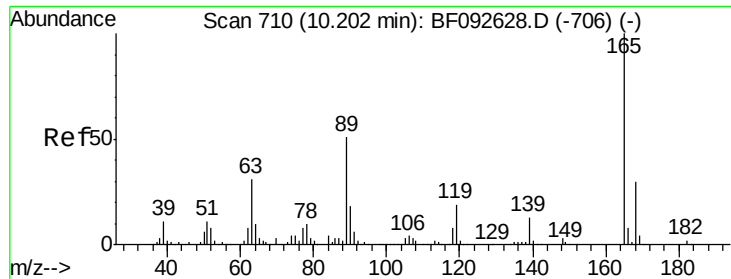
#49
Dimethylphthalate
Concen: 6.74 ng
RT: 9.72 min Scan# 668
Delta R.T. -0.01 min
Lab File: BF092655.D
Acq: 31 Jan 2017 1:11

Tgt Ion:163 Resp: 185731
Ion Ratio Lower Upper
163 100
194 3.4 3.0 4.4
164 9.4 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

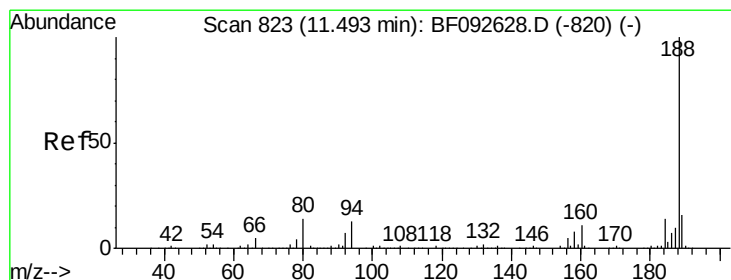
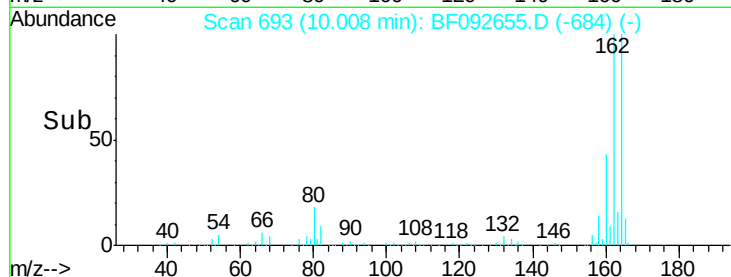
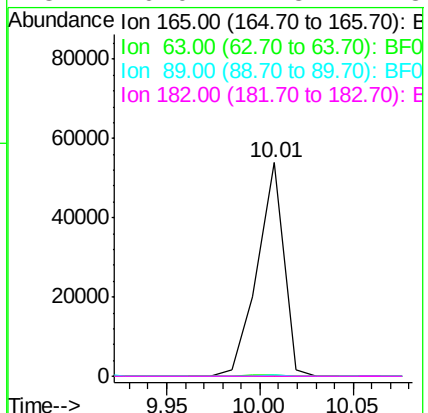
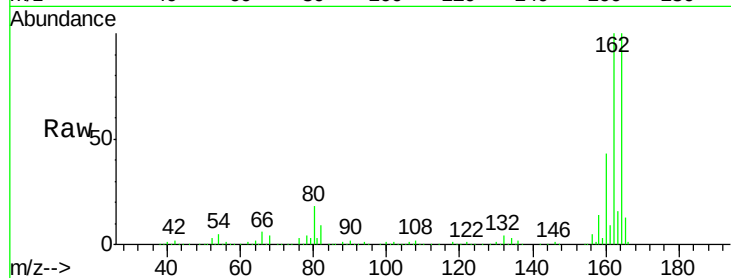




#56
 2,4-Dinitrotoluene
 Concen: 6.70 ng
 RT: 10.01 min Scan# 693
 Delta R.T. -0.19 min
 Lab File: BF092655.D
 Acq: 31 Jan 2017 1:11

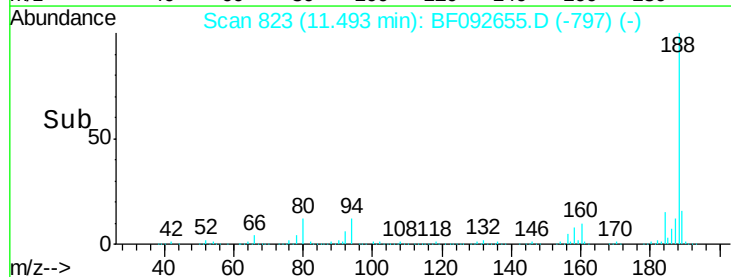
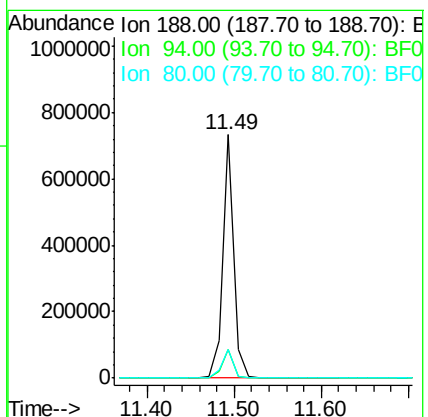
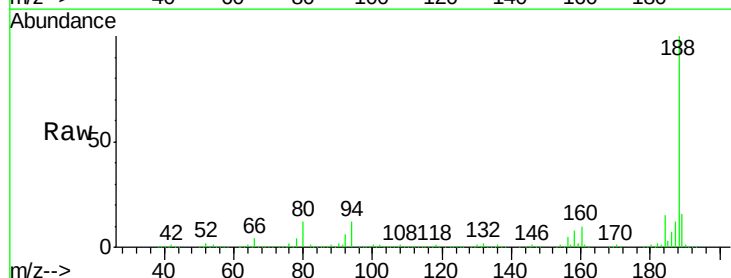
Instrument :
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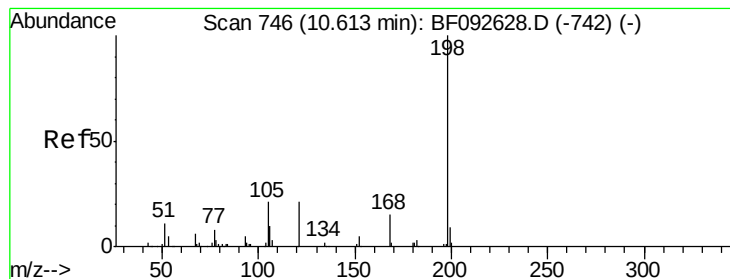
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.9	40.2	60.4#
89	0.9	62.5	93.7#
182	0.0	1.8	2.8#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.49 min Scan# 823
 Delta R.T. -0.00 min
 Lab File: BF092655.D
 Acq: 31 Jan 2017 1:11

Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.6	10.0	15.0
80	11.6	11.2	16.8





#64

4,6-Dinitro-2-methylphenol

Concen: 2.78 ng

RT: 10.80 min Scan# 762

Delta R.T. 0.18 min

Lab File: BF092655.D

Acq: 31 Jan 2017 1:11

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-AA5-AA6-AA7-AA8B

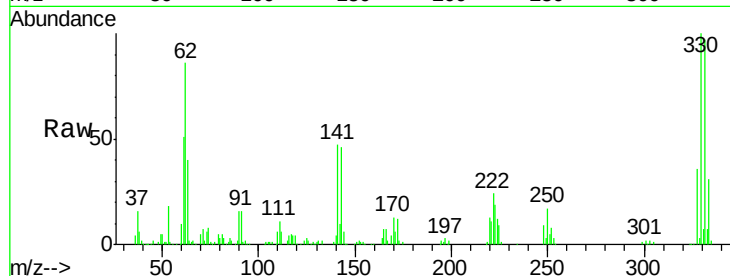
Tgt Ion:198 Resp: 450

Ion Ratio Lower Upper

198 100

51 261.6 6.7 46.7#

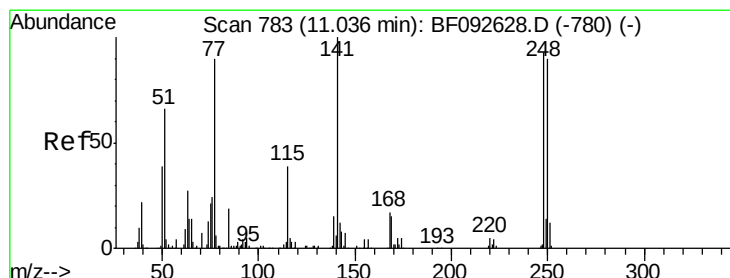
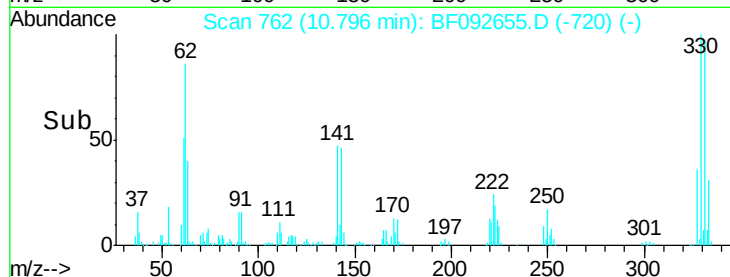
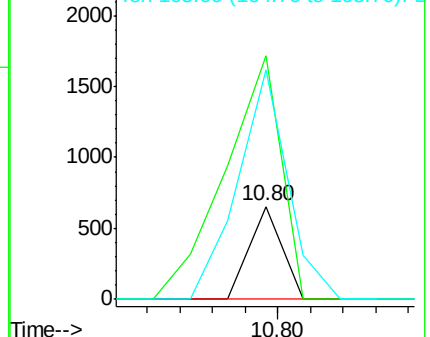
105 247.0 16.6 56.6#



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: 3.80 ng

RT: 10.80 min Scan# 762

Delta R.T. -0.24 min

Lab File: BF092655.D

Acq: 31 Jan 2017 1:11

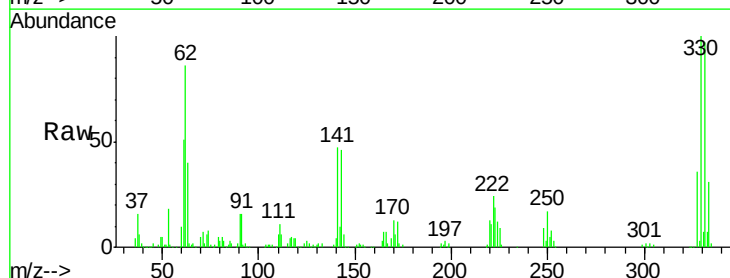
Tgt Ion:248 Resp: 25848

Ion Ratio Lower Upper

248 100

250 194.2 76.9 115.3#

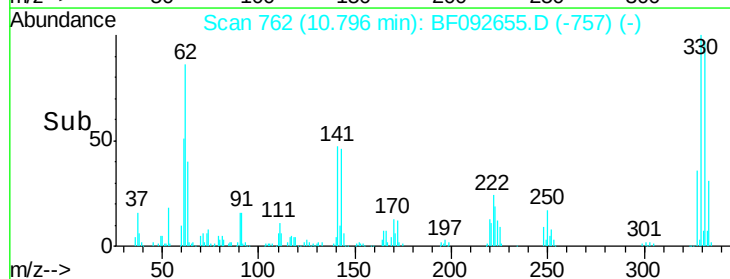
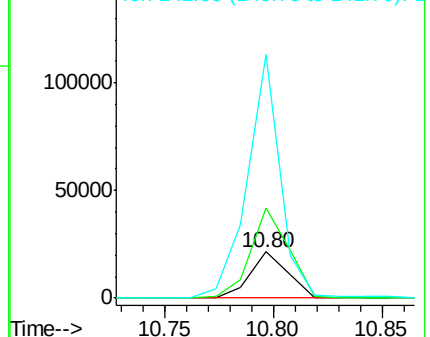
141 527.3 68.2 102.4#

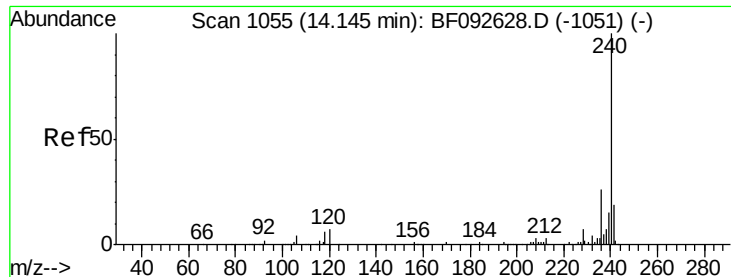


Abundance Ion 248.00 (247.70 to 248.70): E

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: 14.13 min Scan# 1054

Delta R.T. -0.01 min

Lab File: BF092655.D

Acq: 31 Jan 2017 1:11

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-AA5-AA6-AA7-AA8B

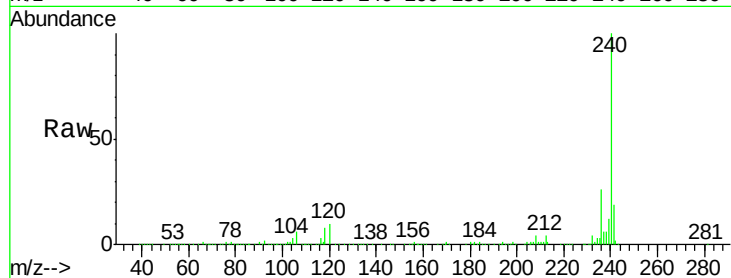
Tgt Ion:240 Resp: 524210

Ion Ratio Lower Upper

240 100

120 9.6 12.9 19.3#

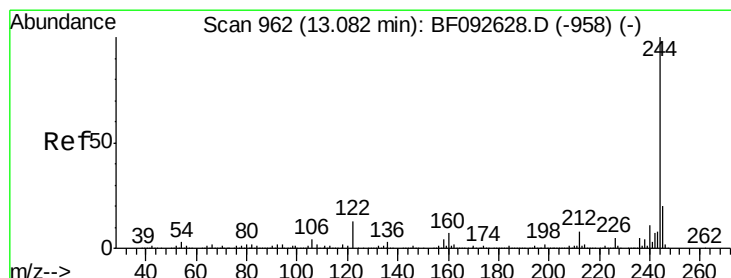
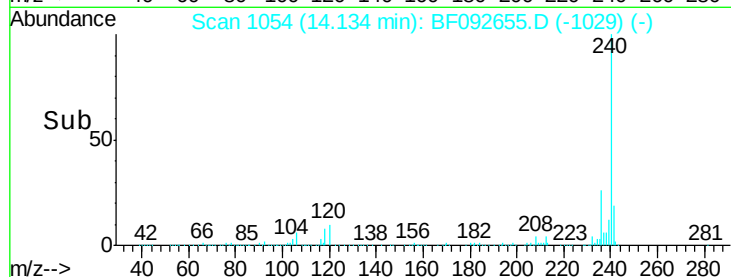
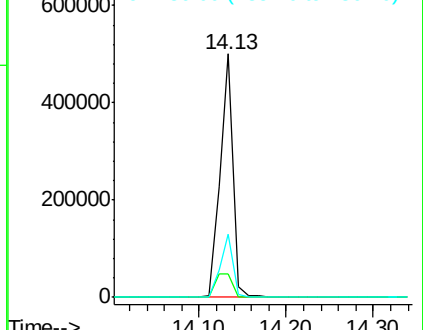
236 25.8 20.9 31.3



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: 66.82 ng

RT: 13.08 min Scan# 962

Delta R.T. -0.00 min

Lab File: BF092655.D

Acq: 31 Jan 2017 1:11

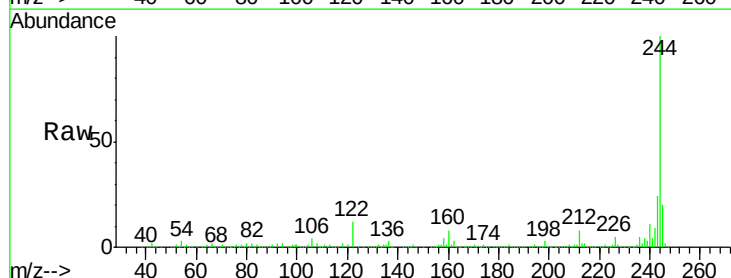
Tgt Ion:244 Resp: 1490853

Ion Ratio Lower Upper

244 100

212 7.7 6.2 9.2

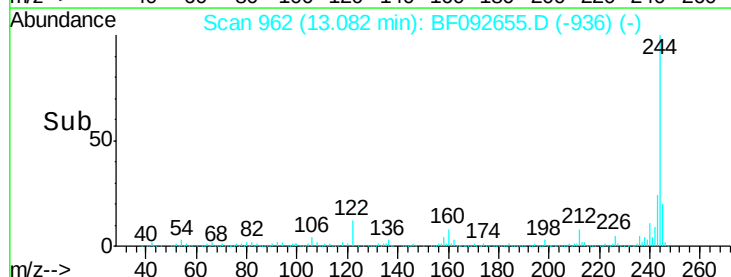
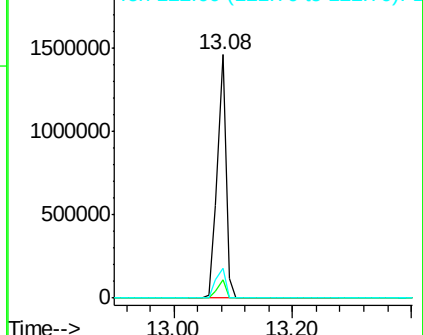
122 12.4 11.4 17.2

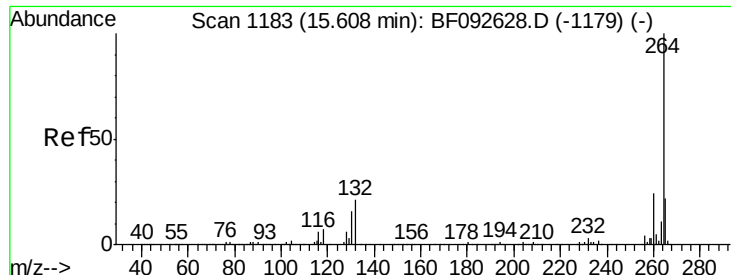


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.60 min Scan# 1182
Delta R.T. -0.01 min
Lab File: BF092655.D
Acq: 31 Jan 2017 1:11

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-AA5-AA6-AA7-AA8B

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	21.6	17.4	26.0

