

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030217\
 Data File : BF093345.D
 Acq On : 3 Mar 2017 2:29
 Operator : SJ/MA
 Sample : I2036-01
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-03-001-A

Quant Time: Mar 03 03:53:13 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 03 00:22:20 2017
 Response via : Initial Calibration

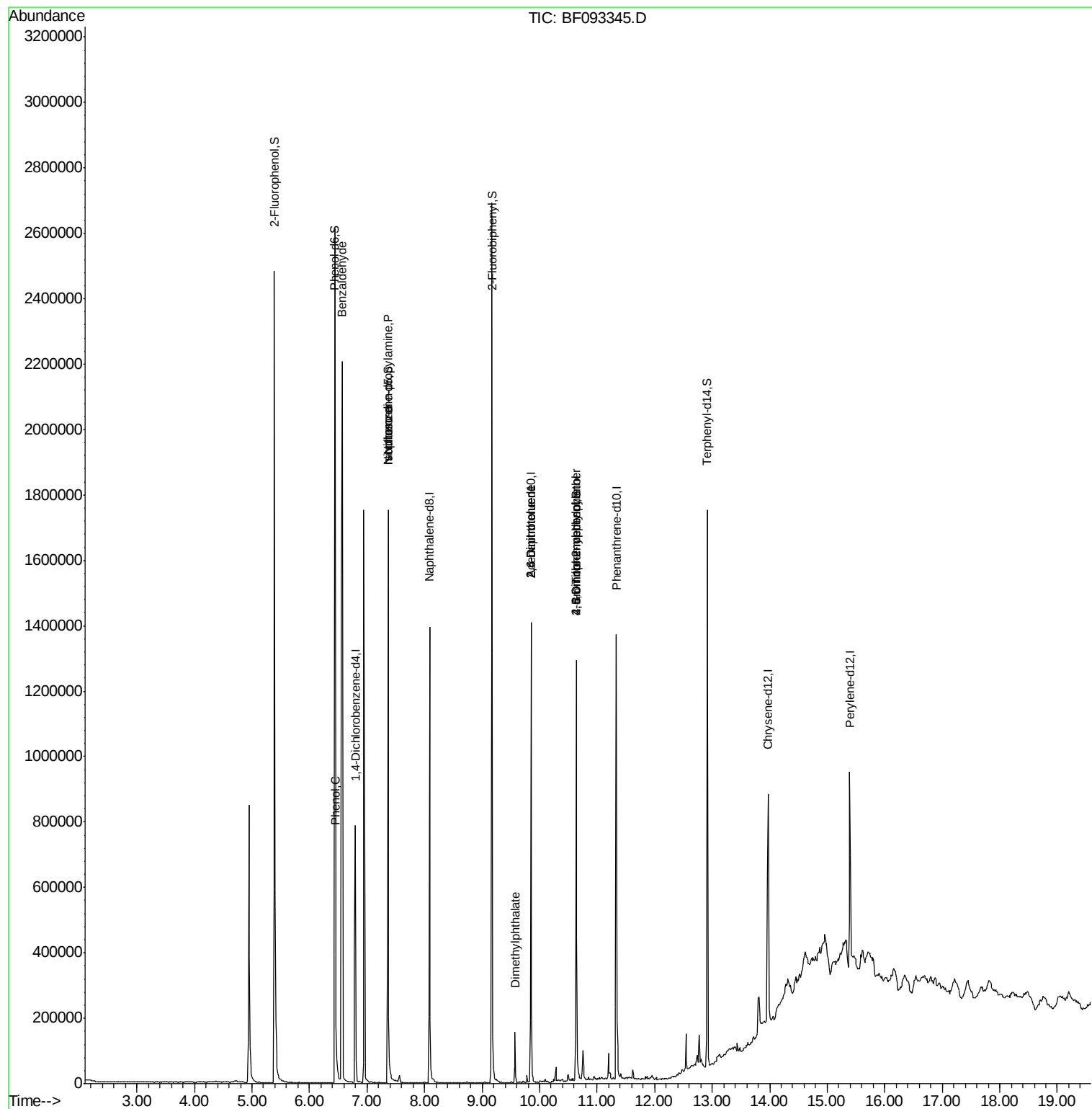
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	148295	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	638399	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	276955	20.00	ng	-0.01
63) Phenanthrene-d10	11.33	188	485853	20.00	ng	-0.01
75) Chrysene-d12	13.97	240	308178	20.00	ng	-0.01
86) Perylene-d12	15.39	264	288294	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	784393	90.75	ng	0.00
7) Phenol-d6	6.44	99	911837	81.99	ng	-0.01
23) Nitrobenzene-d5	7.37	82	599748	52.32	ng	-0.01
41) 2,4,6-Tribromophenol	10.64	330	148632	74.20	ng	-0.01
44) 2-Fluorobiphenyl	9.17	172	1025034	67.05	ng	0.00
78) Terphenyl-d14	12.91	244	703193	53.61	ng	-0.01
Target Compounds						Qvalue
9) Benzaldehyde	6.57	77	16790	2.11	ng	82
10) Phenol	6.45	94	66118	5.08	ng	78
19) n-Nitroso-di-n-propylamine	7.37	70	78208	11.05	ng	# 81
25) Isophorone	7.37	82	498794	23.35	ng	# 65
49) Dimethylphthalate	9.57	163	74732	4.01	ng	99
50) 2,6-Dinitrotoluene	9.85	165	34912	8.67	ng	# 31
56) 2,4-Dinitrotoluene	9.85	165	34914	6.51	ng	# 20
64) 4,6-Dinitro-2-methylphenol	10.64	198	317	2.77	ng	# 1
66) 4-Bromophenyl-phenylether	10.64	248	10864	2.14	ng	# 1

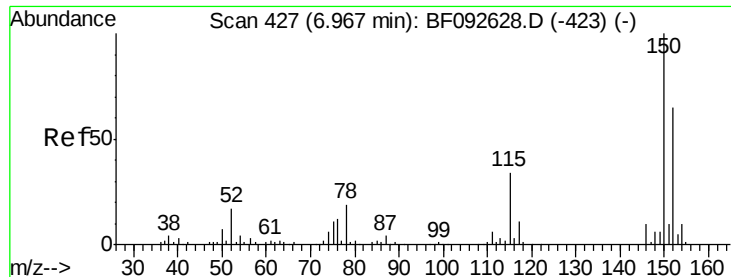
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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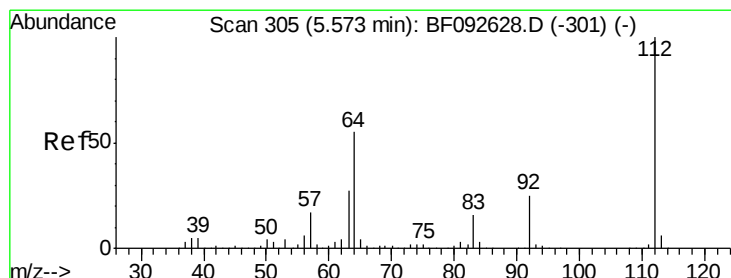
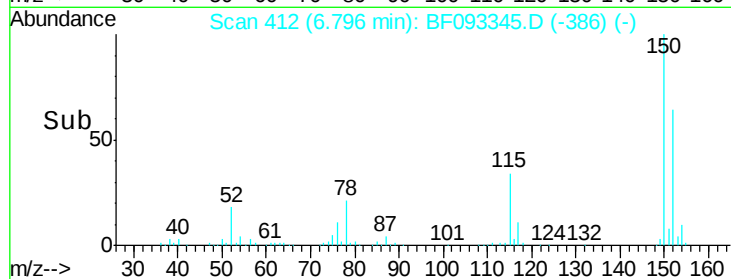
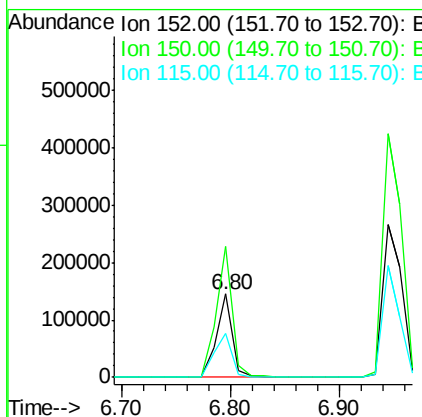
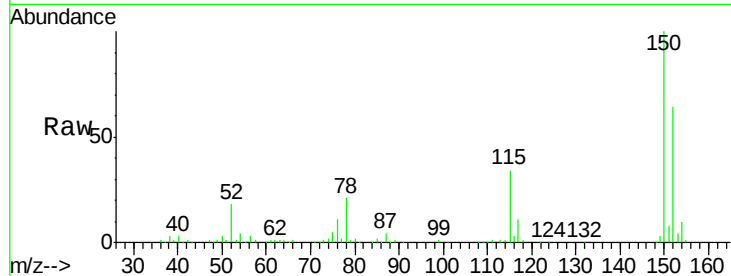




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.80 min Scan# 412
 Delta R.T. -0.00 min
 Lab File: BF093345.D
 Acq: 3 Mar 2017 2:29

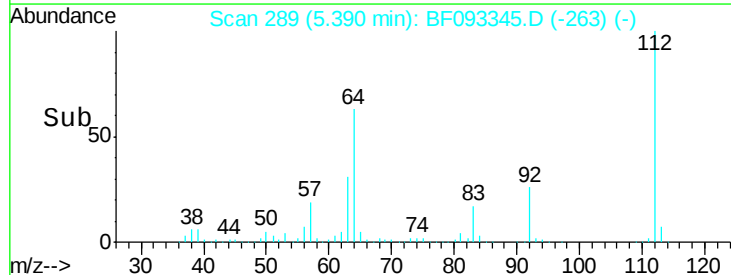
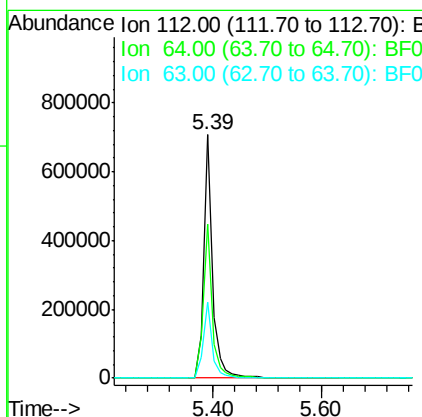
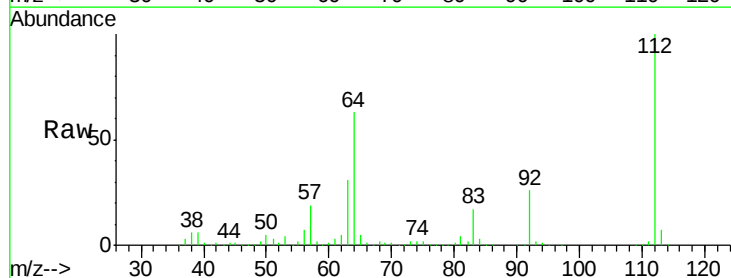
Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-03-001-A

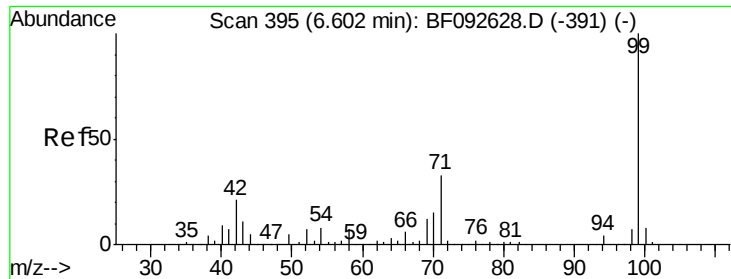
Tgt Ion:152 Resp: 148295
 Ion Ratio Lower Upper
 152 100
 150 156.2 124.9 187.3
 115 53.2 46.0 69.0



#5
 2-Fluorophenol
 Concen: 90.75 ng
 RT: 5.39 min Scan# 289
 Delta R.T. -0.00 min
 Lab File: BF093345.D
 Acq: 3 Mar 2017 2:29

Tgt Ion:112 Resp: 784393
 Ion Ratio Lower Upper
 112 100
 64 63.0 46.1 69.1
 63 31.3 23.8 35.6





#7

Phenol-d6

Concen: 81.99 ng

RT: 6.44 min Scan# 381

Delta R.T. -0.01 min

Lab File: BF093345.D

Acq: 3 Mar 2017 2:29

Instrument :

BNA_F

ClientSampleId :

FK-GF-03-001-A

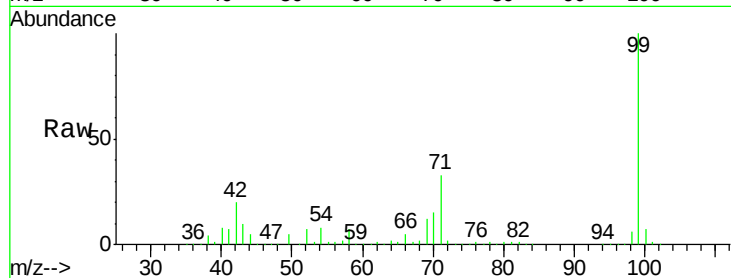
Tgt Ion: 99 Resp: 911837

Ion Ratio Lower Upper

99 100

42 20.1 15.6 23.4

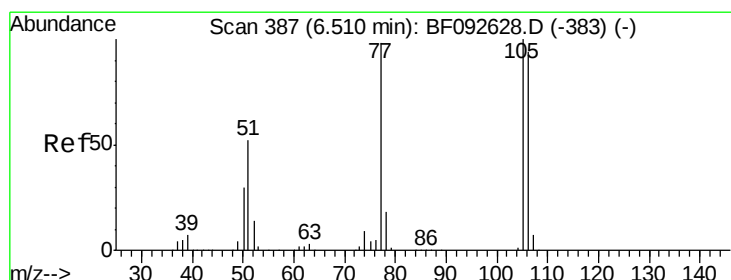
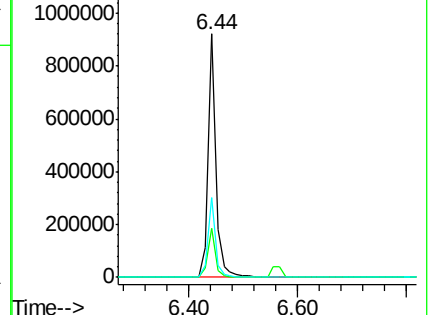
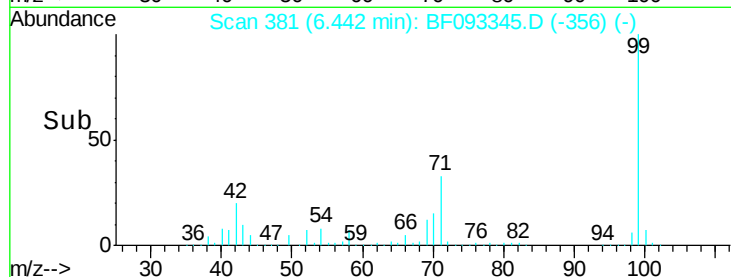
71 32.6 27.5 41.3



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: 2.11 ng

RT: 6.57 min Scan# 392

Delta R.T. 0.23 min

Lab File: BF093345.D

Acq: 3 Mar 2017 2:29

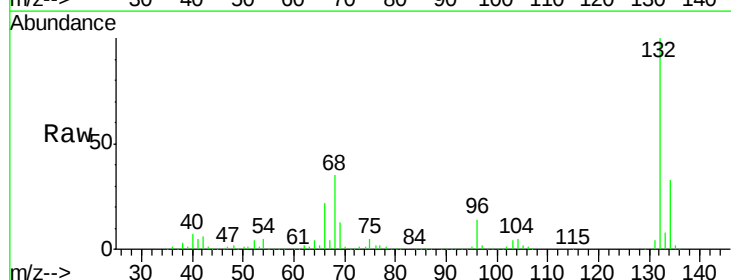
Tgt Ion: 77 Resp: 16790

Ion Ratio Lower Upper

77 100

105 86.9 83.9 123.9

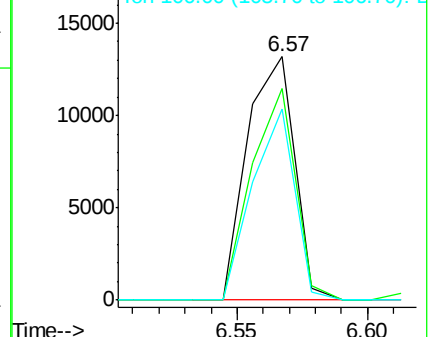
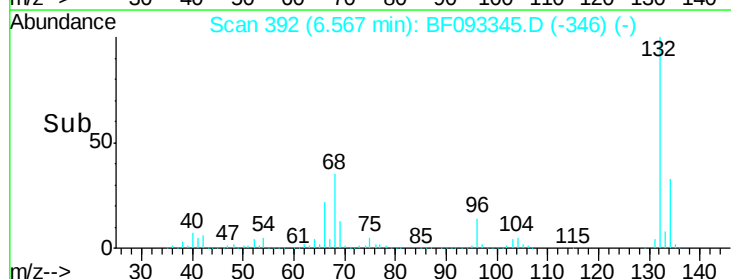
106 78.3 77.6 117.6

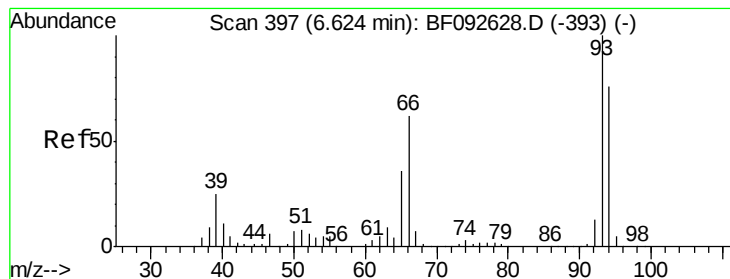


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 5.08 ng

RT: 6.45 min Scan# 382

Delta R.T. -0.01 min

Lab File: BF093345.D

Acq: 3 Mar 2017 2:29

Instrument :

BNA_F

ClientSampleId :

FK-GF-03-001-A

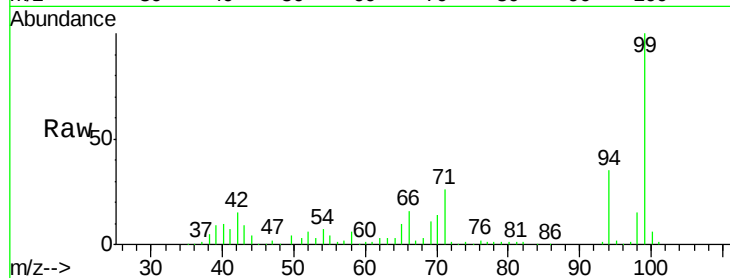
Tgt Ion: 94 Resp: 66118

Ion Ratio Lower Upper

94 100

65 29.5 21.4 61.4

66 45.9 44.0 84.0

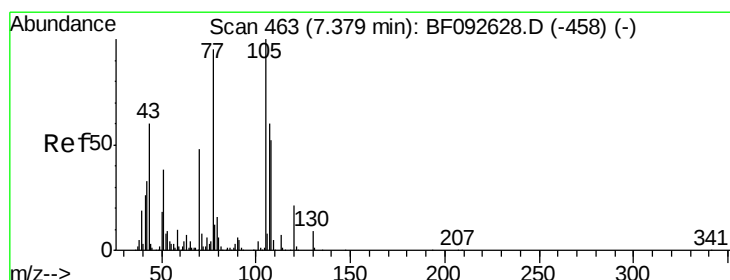
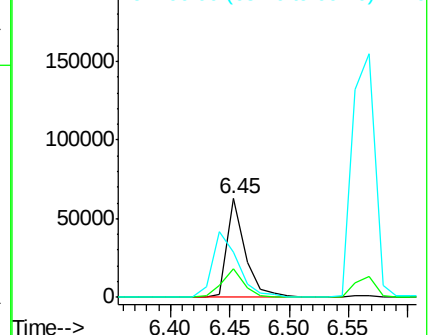
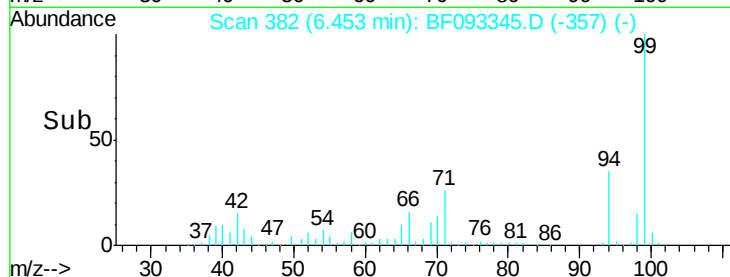


Abundance

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: 11.05 ng

RT: 7.37 min Scan# 462

Delta R.T. 0.15 min

Lab File: BF093345.D

Acq: 3 Mar 2017 2:29

Tgt Ion: 70 Resp: 78208

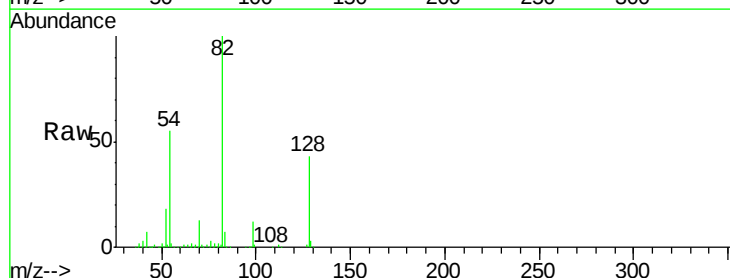
Ion Ratio Lower Upper

70 100

42 50.9 49.4 74.0

101 0.0 7.4 11.2#

130 2.4 14.2 21.4#



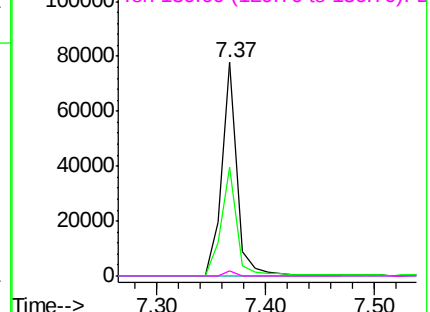
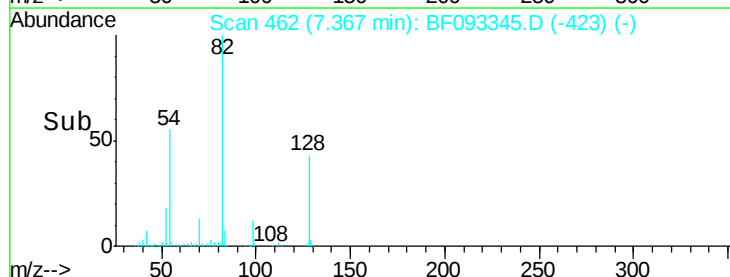
Abundance

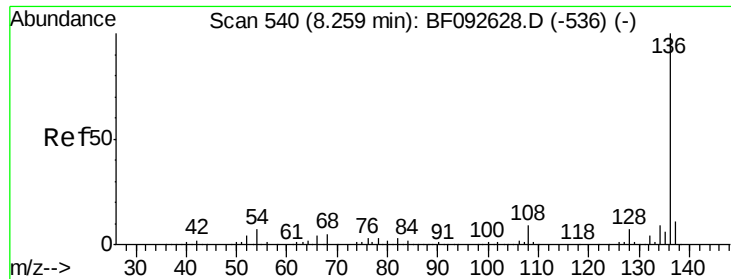
Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0

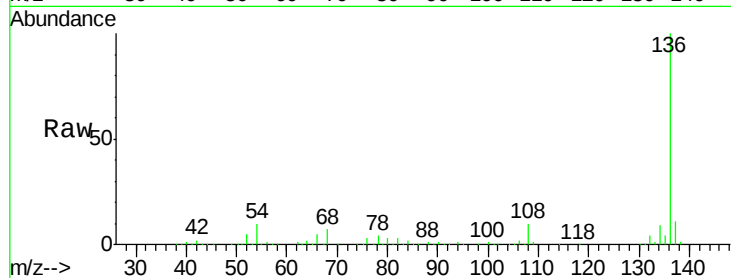




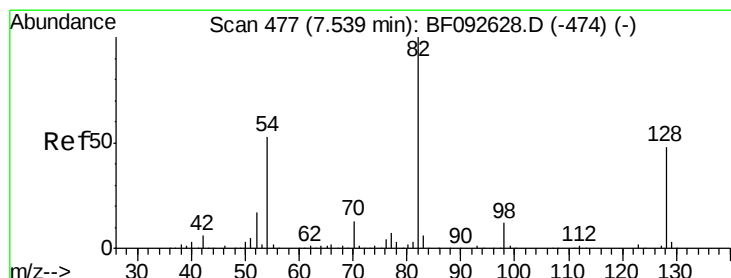
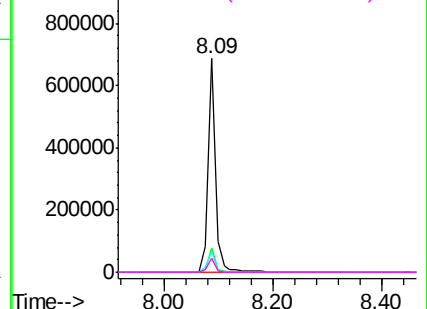
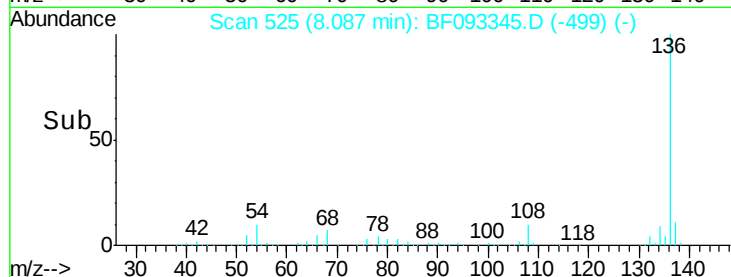
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.09 min Scan# 525
Delta R.T. -0.00 min
Lab File: BF093345.D
Acq: 3 Mar 2017 2:29

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FK-GF-03-001-A

Tgt Ion:	136	Resp:	638399
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.4	12.6
54	9.6	4.5	6.7#
68	6.9	3.6	5.4#

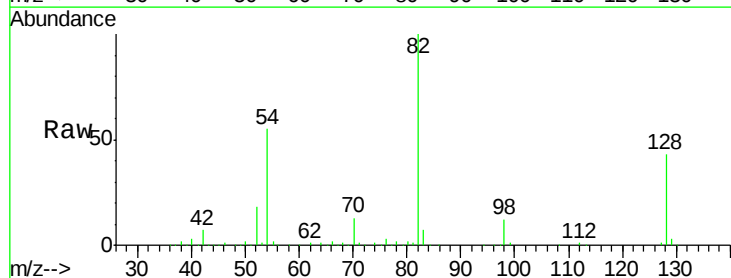


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

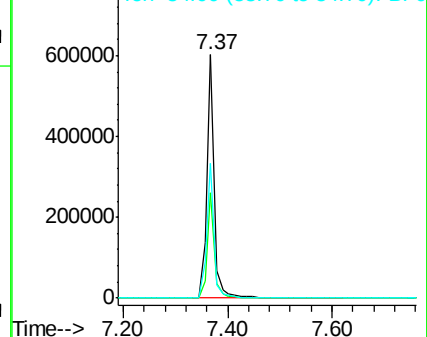
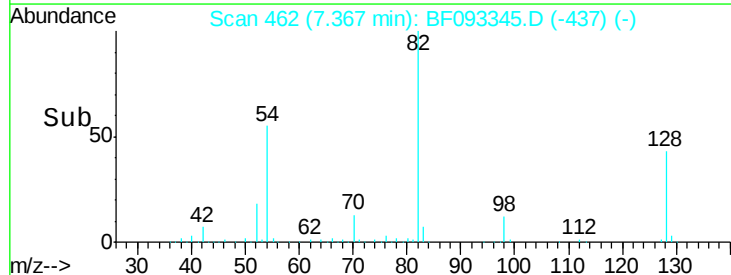


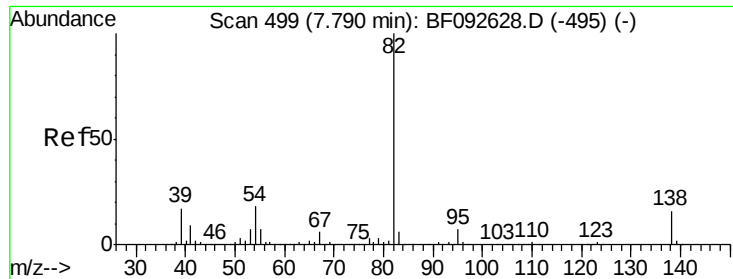
#23
Nitrobenzene-d5
Concen: 52.32 ng
RT: 7.37 min Scan# 462
Delta R.T. -0.01 min
Lab File: BF093345.D
Acq: 3 Mar 2017 2:29

Tgt Ion:	82	Resp:	599748
Ion	Ratio	Lower	Upper
82	100		
128	43.3	34.6	52.0
54	55.3	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: 23.35 ng

RT: 7.37 min Scan# 462

Delta R.T. -0.26 min

Lab File: BF093345.D

Acq: 3 Mar 2017 2:29

Instrument :

BNA_F

ClientSampleId :

FK-GF-03-001-A

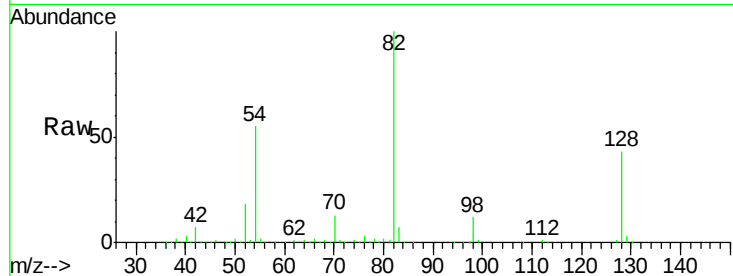
Tgt Ion: 82 Resp: 498794

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

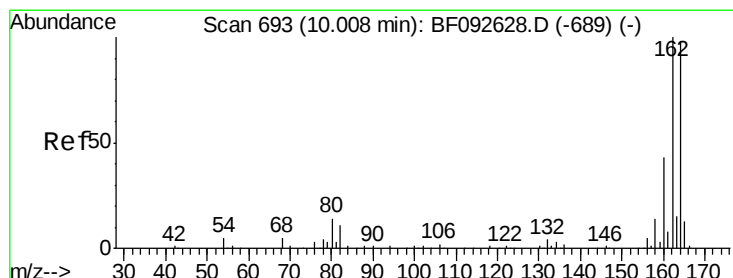
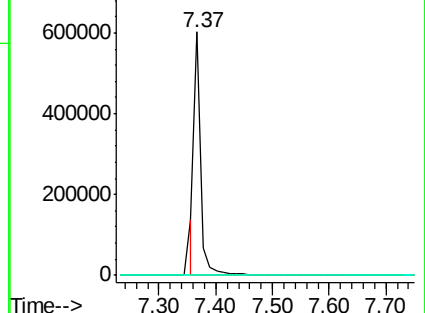
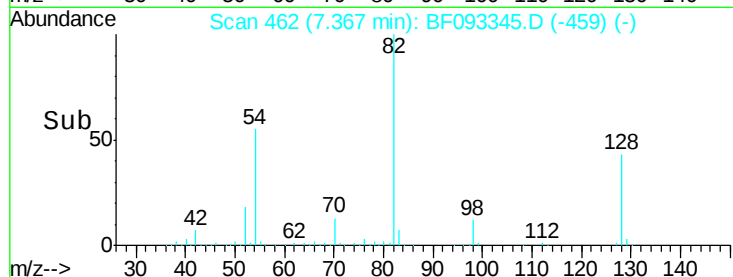
138 0.0 14.6 22.0#



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: 9.85 min Scan# 679

Delta R.T. -0.01 min

Lab File: BF093345.D

Acq: 3 Mar 2017 2:29

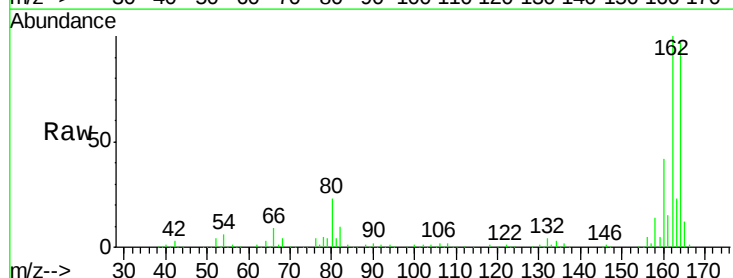
Tgt Ion: 164 Resp: 276955

Ion Ratio Lower Upper

164 100

162 102.7 80.2 120.2

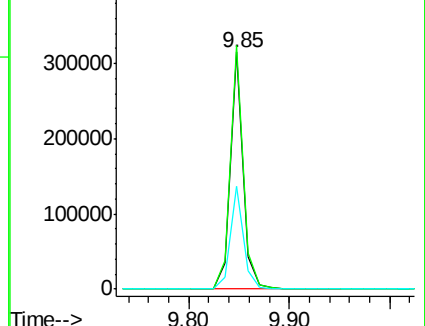
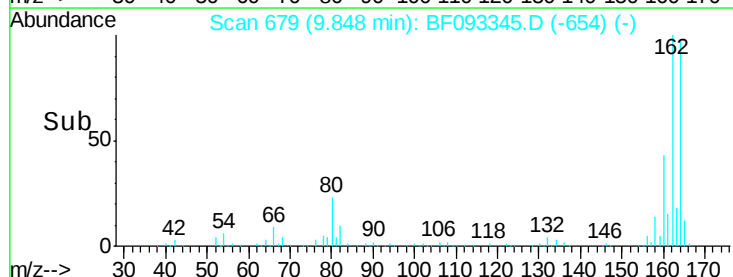
160 43.6 36.9 55.3

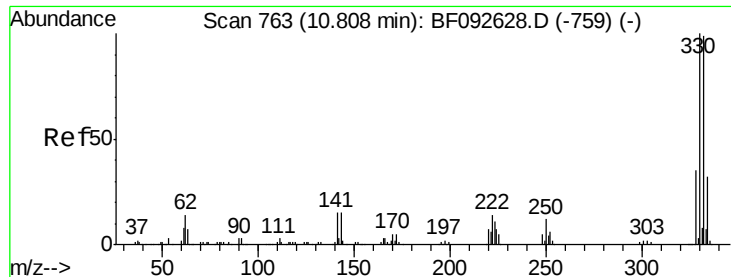


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

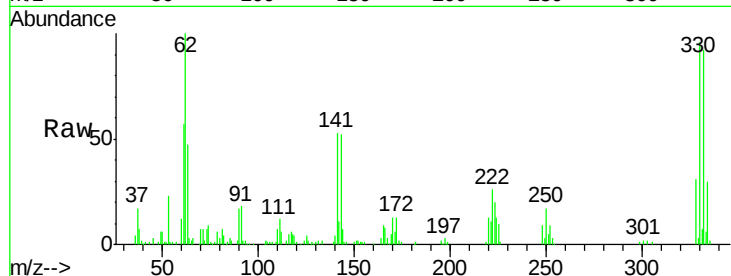




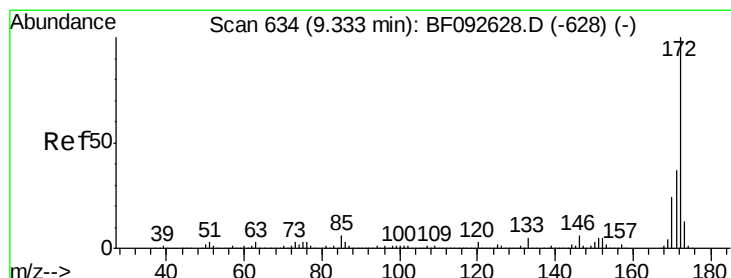
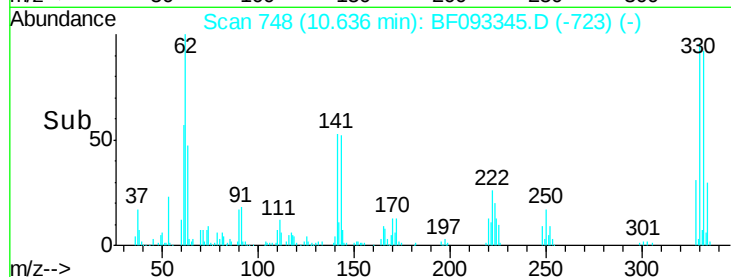
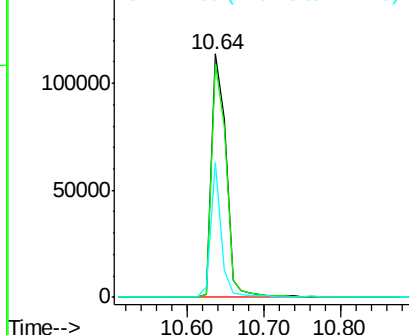
#41
 2,4,6-Tribromophenol
 Concen: 74.20 ng
 RT: 10.64 min Scan# 748
 Delta R.T. -0.01 min
 Lab File: BF093345.D
 Acq: 3 Mar 2017 2:29

Instrument :
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 FK-GF-03-001-A

Tgt Ion:330 Resp: 148632
 Ion Ratio Lower Upper
 330 100
 332 96.4 77.4 116.2
 141 40.0 34.1 51.1

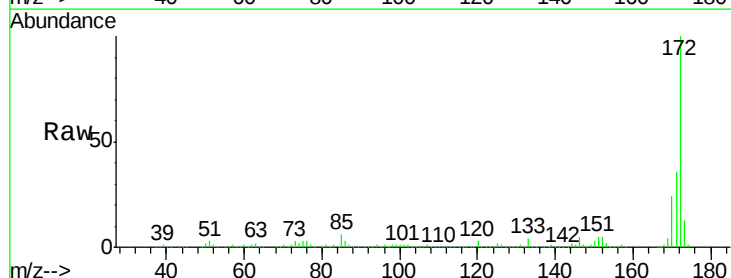


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

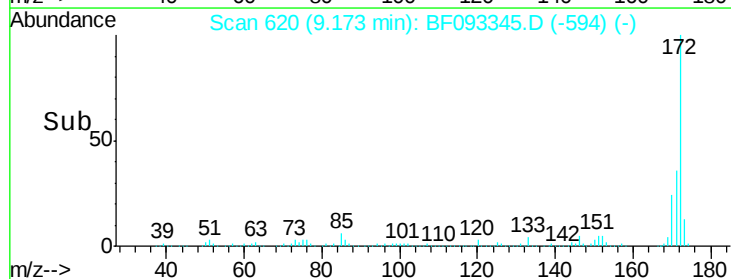
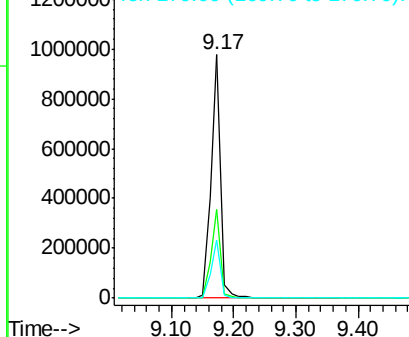


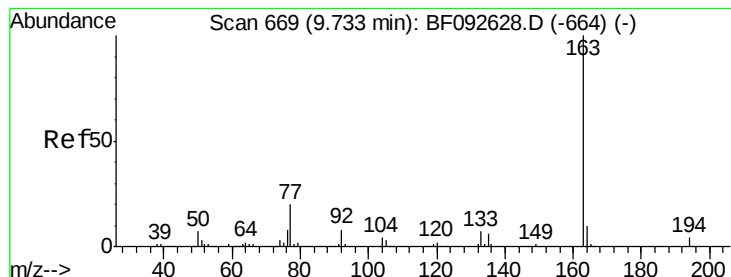
#44
 2-Fluorobiphenyl
 Concen: 67.05 ng
 RT: 9.17 min Scan# 620
 Delta R.T. -0.00 min
 Lab File: BF093345.D
 Acq: 3 Mar 2017 2:29

Tgt Ion:172 Resp: 1025034
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.4 44.0
 170 23.8 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: 4.01 ng

RT: 9.57 min Scan# 655

Delta R.T. -0.01 min

Lab File: BF093345.D

Acq: 3 Mar 2017 2:29

Instrument :

BNA_F

ClientSampleId :

FK-GF-03-001-A

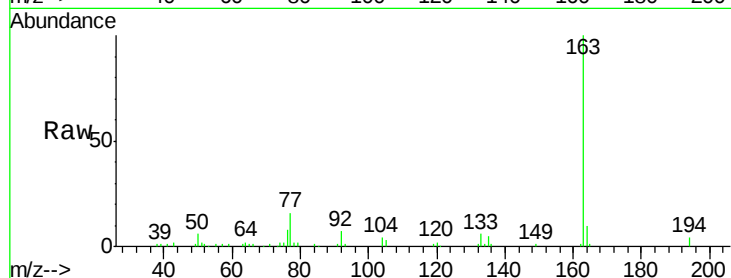
Tgt Ion:163 Resp: 74732

Ion Ratio Lower Upper

163 100

194 3.5 3.0 4.4

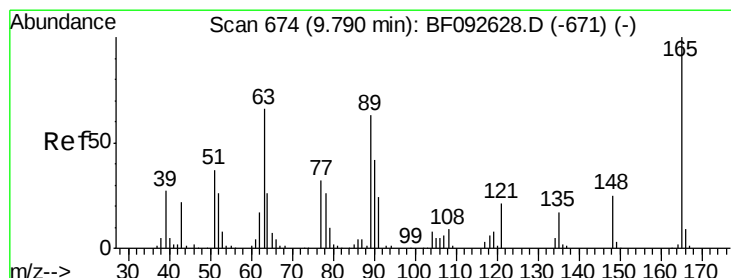
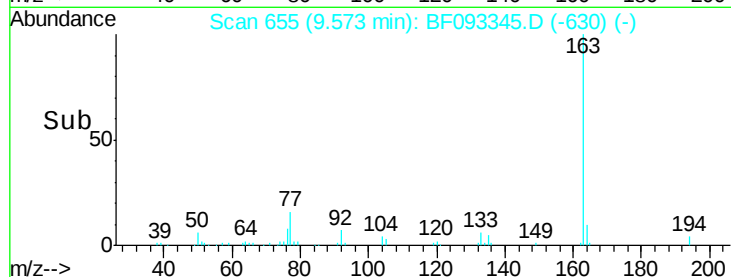
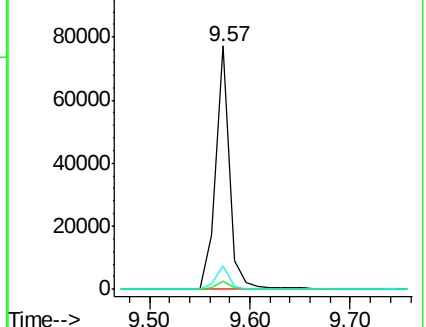
164 9.5 8.0 12.0



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: 8.67 ng

RT: 9.85 min Scan# 679

Delta R.T. 0.19 min

Lab File: BF093345.D

Acq: 3 Mar 2017 2:29

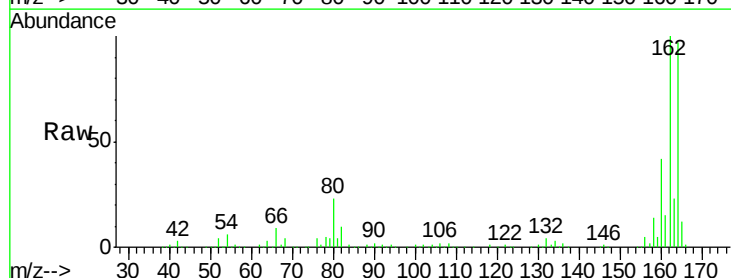
Tgt Ion:165 Resp: 34912

Ion Ratio Lower Upper

165 100

63 1.5 36.2 54.4#

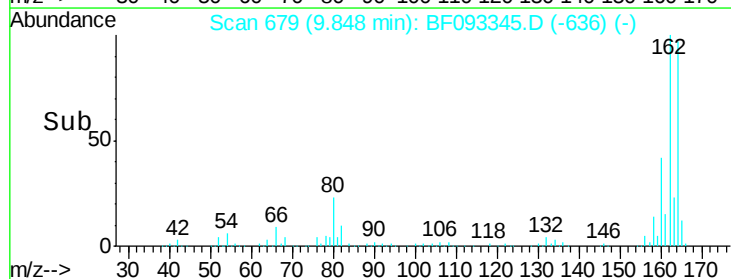
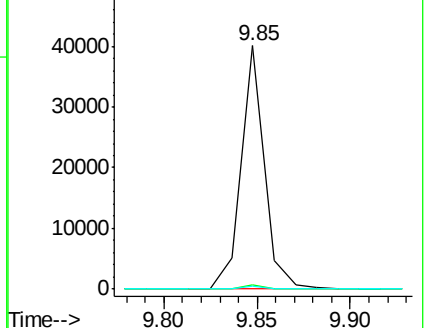
89 1.1 40.2 60.4#

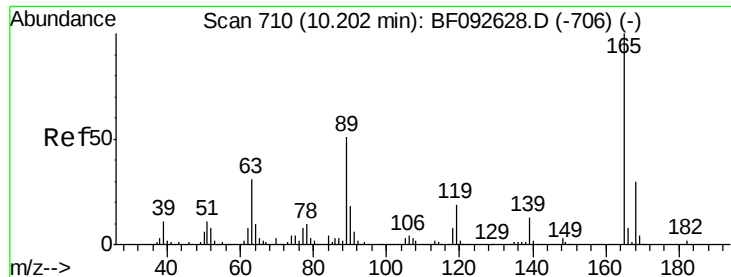


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

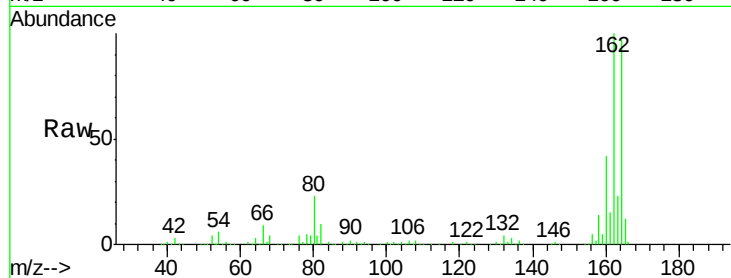




#56
 2,4-Dinitrotoluene
 Concen: 6.51 ng
 RT: 9.85 min Scan# 679
 Delta R.T. -0.22 min
 Lab File: BF093345.D
 Acq: 3 Mar 2017 2:29

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-03-001-A

Tgt Ion:	165	Resp:	34914
Ion	Ratio	Lower	Upper
165	100		
63	1.5	40.2	60.4#
89	1.1	62.5	93.7#
182	0.0	1.8	2.8#

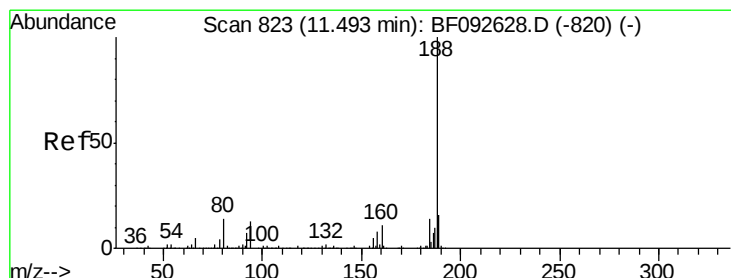
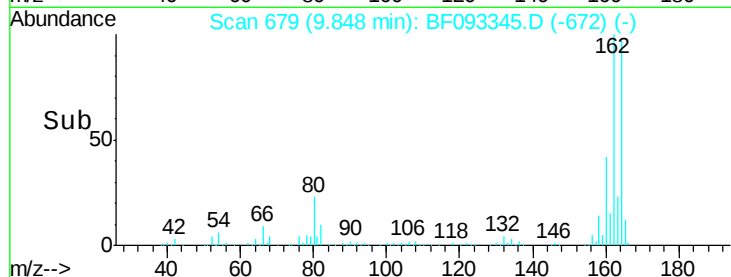
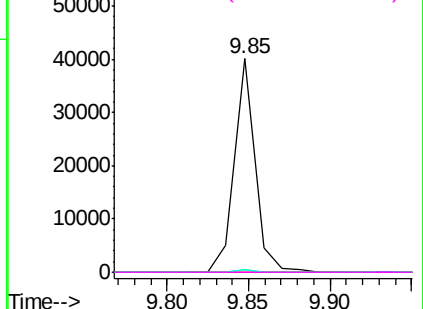


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

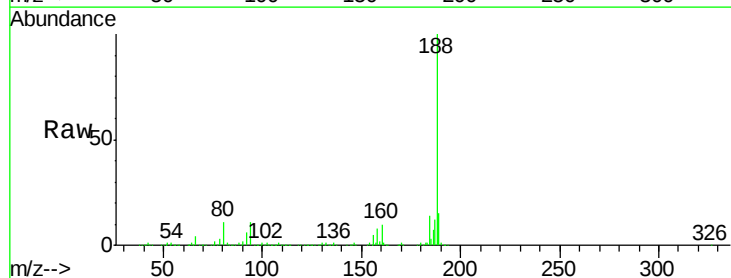
Ion 89.00 (88.70 to 89.70): BF0

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. -0.01 min
 Lab File: BF093345.D
 Acq: 3 Mar 2017 2:29

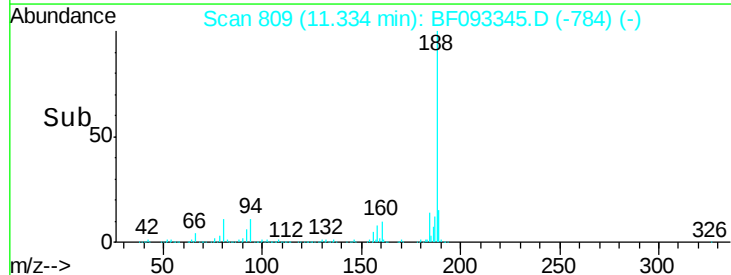
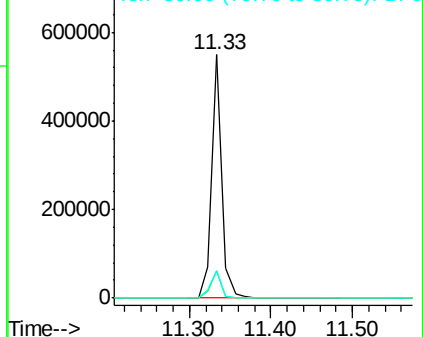
Tgt Ion:	188	Resp:	485853
Ion	Ratio	Lower	Upper
188	100		
94	11.0	10.0	15.0
80	11.5	11.2	16.8

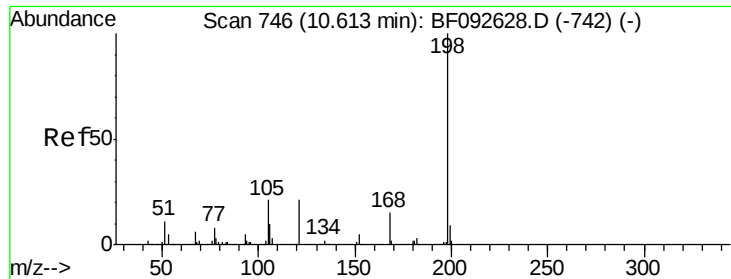


Abundance Ion 188.00 (187.70 to 188.70): E

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: 10.64 min Scan# 748

Delta R.T. 0.16 min

Lab File: BF093345.D

Acq: 3 Mar 2017 2:29

Instrument :

BNA_F

ClientSampleId :

FK-GF-03-001-A

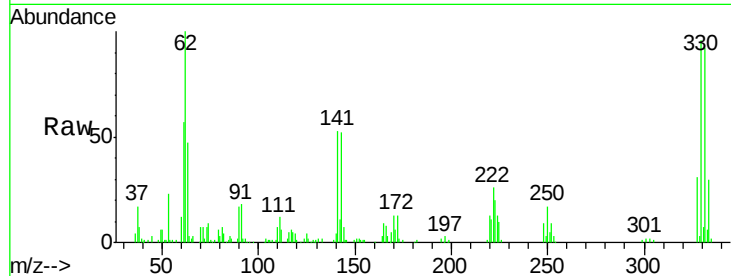
Tgt Ion:198 Resp: 317

Ion Ratio Lower Upper

198 100

51 222.1 6.7 46.7#

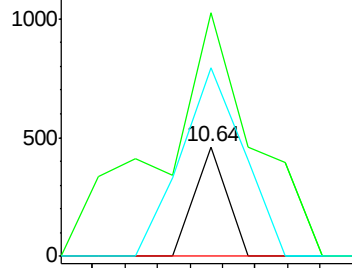
105 171.6 16.6 56.6#



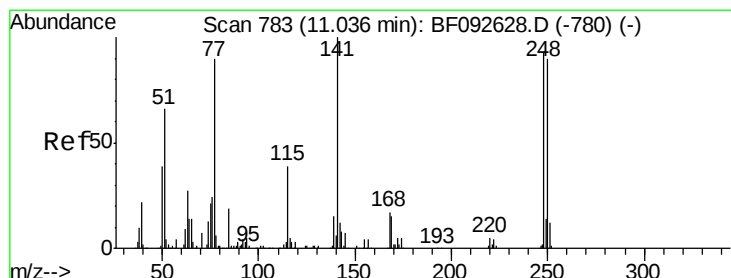
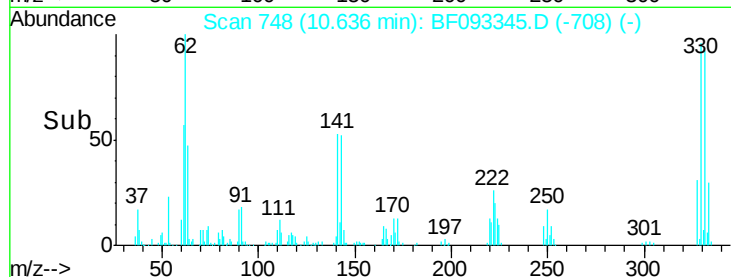
Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E



Time-->



#66

4-Bromophenyl-phenylether

Concen: 2.14 ng

RT: 10.64 min Scan# 748

Delta R.T. -0.25 min

Lab File: BF093345.D

Acq: 3 Mar 2017 2:29

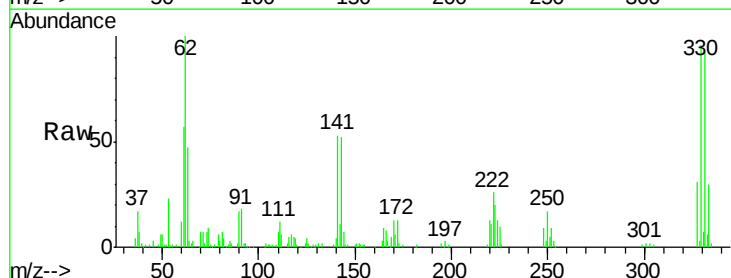
Tgt Ion:248 Resp: 10864

Ion Ratio Lower Upper

248 100

250 181.9 76.9 115.3#

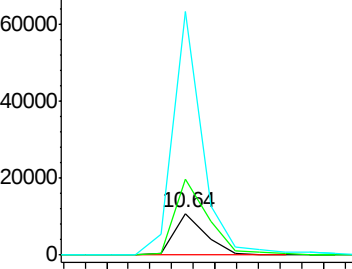
141 582.3 68.2 102.4#



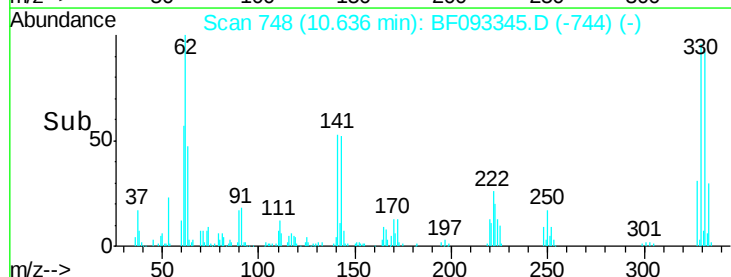
Abundance Ion 248.00 (247.70 to 248.70): E

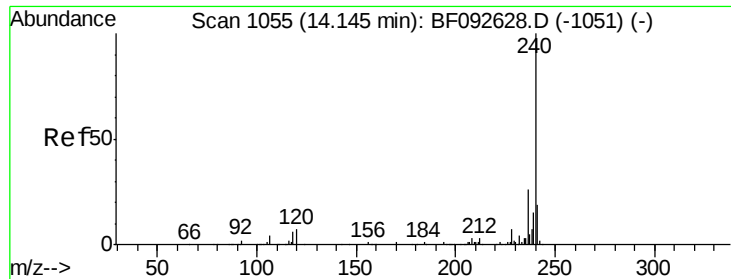
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



Time-->





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.97 min Scan# 1040

Delta R.T. -0.01 min

Lab File: BF093345.D

Acq: 3 Mar 2017 2:29

Instrument :

BNA_F

ClientSampleId :

FK-GF-03-001-A

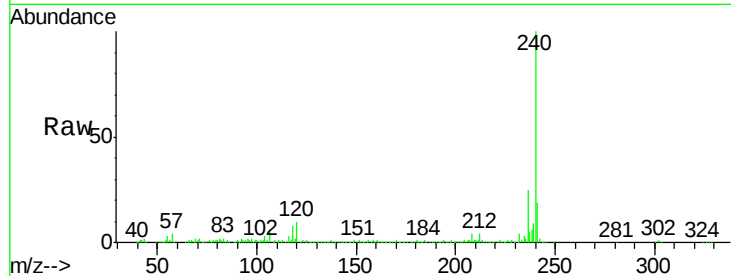
Tgt Ion:240 Resp: 308178

Ion Ratio Lower Upper

240 100

120 10.0 12.9 19.3#

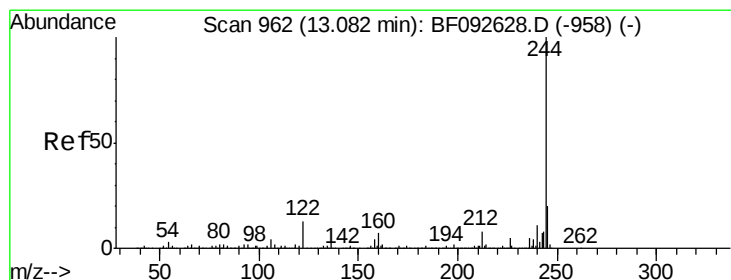
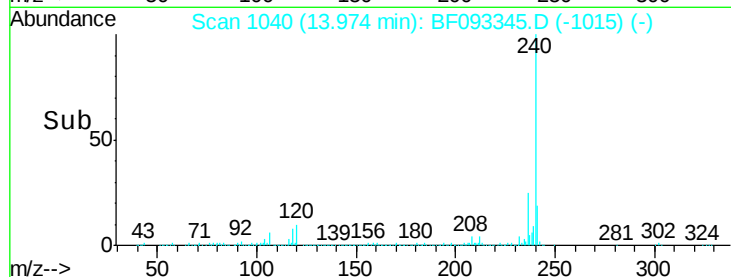
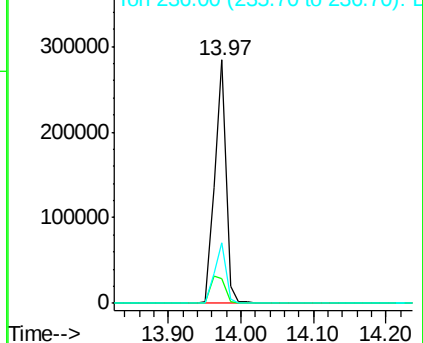
236 24.9 20.9 31.3



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: 53.61 ng

RT: 12.91 min Scan# 947

Delta R.T. -0.01 min

Lab File: BF093345.D

Acq: 3 Mar 2017 2:29

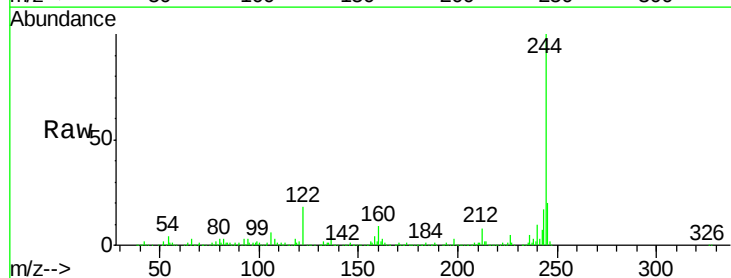
Tgt Ion:244 Resp: 703193

Ion Ratio Lower Upper

244 100

212 8.0 6.2 9.2

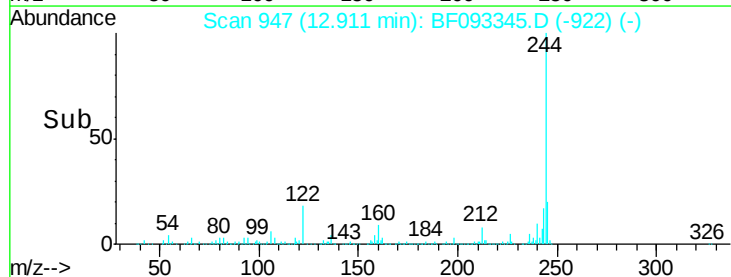
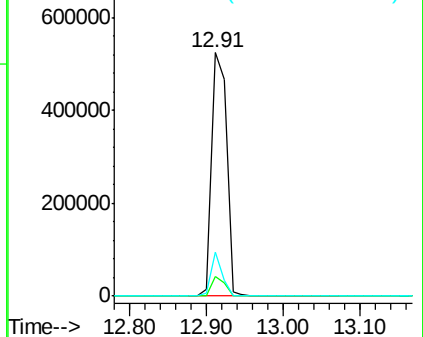
122 17.8 11.4 17.2#

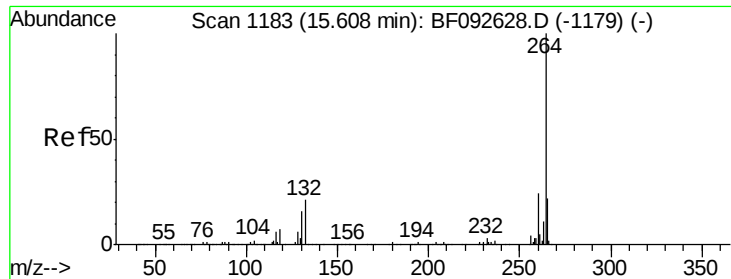


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.39 min Scan# 1164
Delta R.T. -0.01 min
Lab File: BF093345.D
Acq: 3 Mar 2017 2:29

Instrument :
BNA_F
ClientSampleId :
FK-GF-03-001-A

Tgt Ion: 264 Resp: 288294
Ion Ratio Lower Upper
264 100
260 24.2 19.2 28.8
265 21.2 17.4 26.0

