

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012417\
 Data File : BF092434.D
 Acq On : 24 Jan 2017 17:42
 Operator : UM/SJ
 Sample : I1326-01RX
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-001-A

Quant Time: Jan 24 18:18:58 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 24 13:48:07 2017
 Response via : Initial Calibration

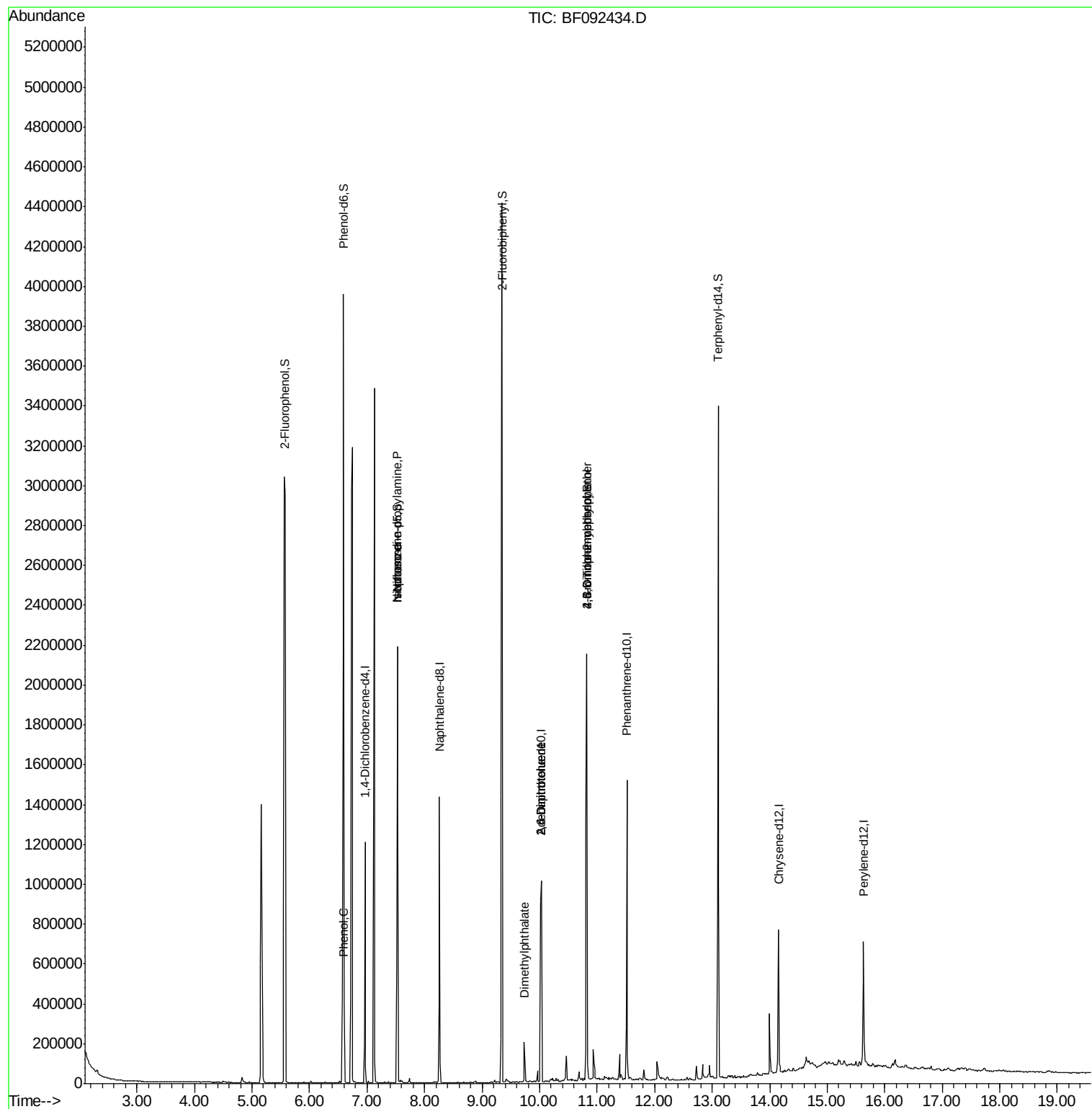
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	162634	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	638203	20.00	ng	-0.01
38) Acenaphthene-d10	10.03	164	322656	20.00	ng	0.00
63) Phenanthrene-d10	11.52	188	510067	20.00	ng	-0.01
75) Chrysene-d12	14.16	240	353011	20.00	ng	-0.01
86) Perylene-d12	15.63	264	297796	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	1289064	123.32	ng	0.02
7) Phenol-d6	6.59	99	1530136	114.92	ng	0.00
23) Nitrobenzene-d5	7.53	82	960178	82.18	ng	-0.01
41) 2,4,6-Tribromophenol	10.82	330	266339	121.13	ng	0.00
44) 2-Fluorobiphenyl	9.34	172	1464337	83.92	ng	-0.01
78) Terphenyl-d14	13.11	244	1142199	86.16	ng	-0.01
Target Compounds						
10) Phenol	6.60	94	97487	6.07	ng	# 64
19) n-Nitroso-di-n-propylamine	7.53	70	126811	13.99	ng	# 85
25) Isophorone	7.53	82	830452	36.07	ng	# 65
49) Dimethylphthalate	9.73	163	99123	4.83	ng	# 98
50) 2,6-Dinitrotoluene	10.03	165	40948	9.76	ng	# 29
56) 2,4-Dinitrotoluene	10.03	165	40948	7.36	ng	# 18
64) 4,6-Dinitro-2-methylphenol	10.82	198	772	5.20	ng	# 1
66) 4-Bromophenyl-phenylether	10.82	248	20878	4.05	ng	# 1

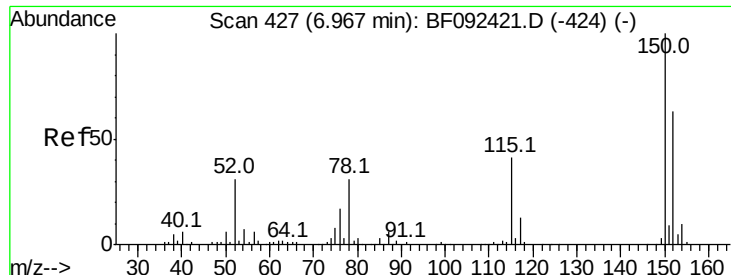
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012417\
Data File : BF092434.D
Acq On : 24 Jan 2017 17:42
Operator : UM/SJ
Sample : I1326-01RX
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-001-A

Quant Time: Jan 24 18:18:58 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 24 13:48:07 2017
Response via : Initial Calibration



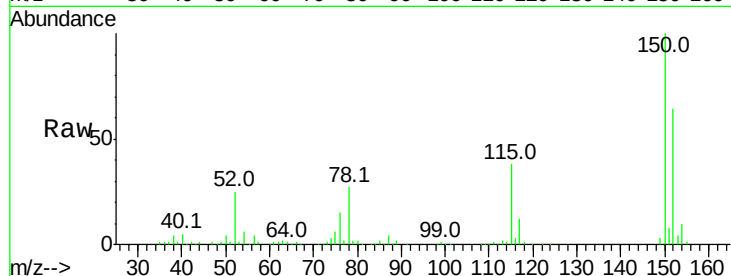


#1

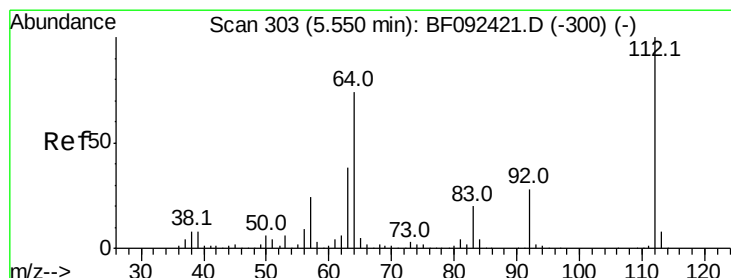
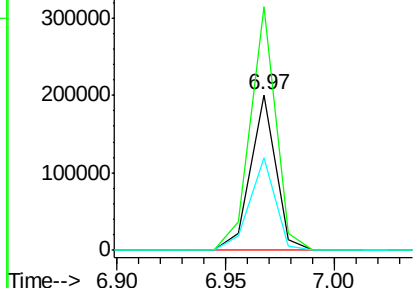
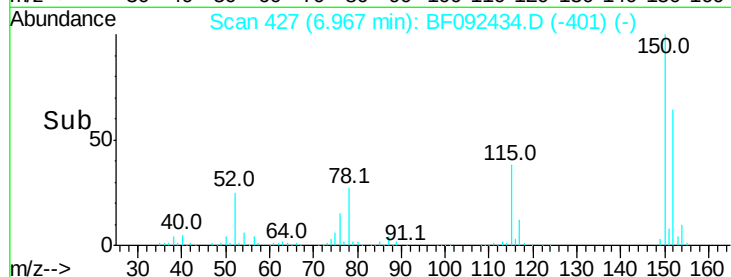
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.97 min Scan# 427
Delta R.T. 0.00 min
Lab File: BF092434.D
Acq: 24 Jan 2017 17:42

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-001-A

Tot Ion:152 Resp: 162634
Ion Ratio Lower Upper
152 100
150 156.2 124.9 187.3
115 59.8 46.0 69.0



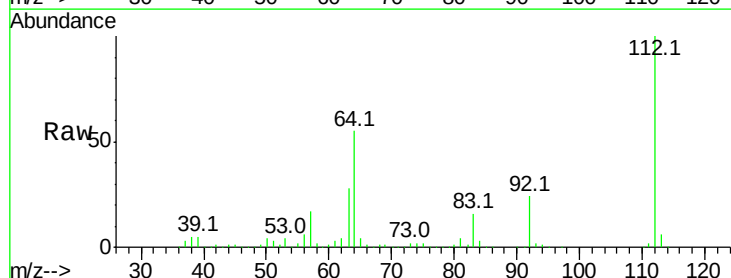
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



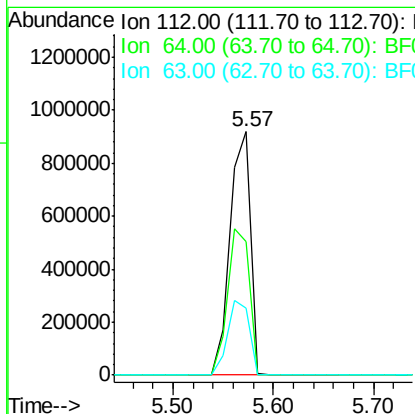
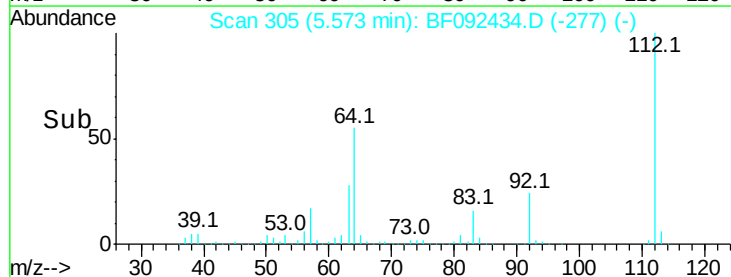
#5

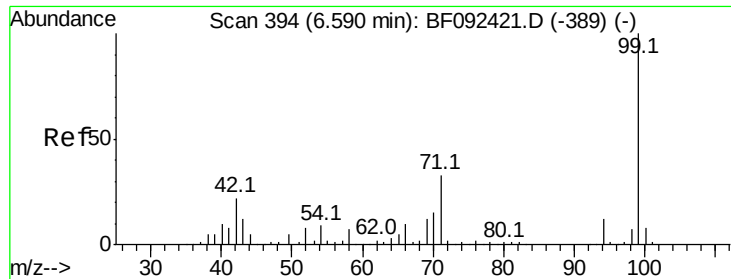
2-Fluorophenol
Concen: 123.32 ng
RT: 5.57 min Scan# 305
Delta R.T. 0.02 min
Lab File: BF092434.D
Acq: 24 Jan 2017 17:42

Tgt Ion:112 Resp: 1289064
Ion Ratio Lower Upper
112 100
64 54.6 46.1 69.1
63 27.6 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: 114.92 ng

RT: 6.59 min Scan# 394

Delta R.T. -0.00 min

Lab File: BF092434.D

Acq: 24 Jan 2017 17:42

Instrument :

BNA_F

ClientSampleId :

FK-GF-02-001-A

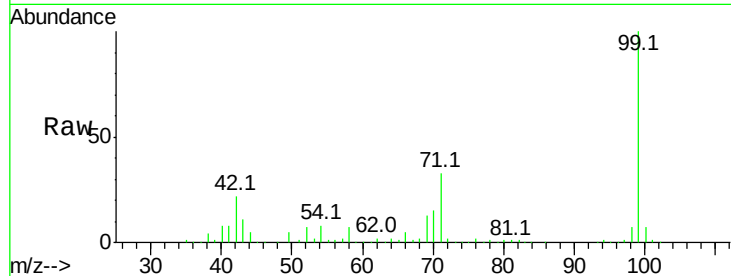
Tot Ion: 99 Resp: 1530136

Ion Ratio Lower Upper

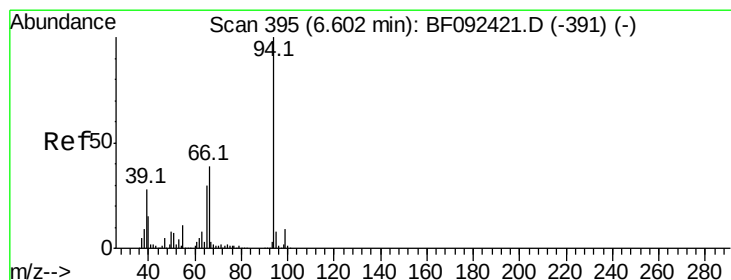
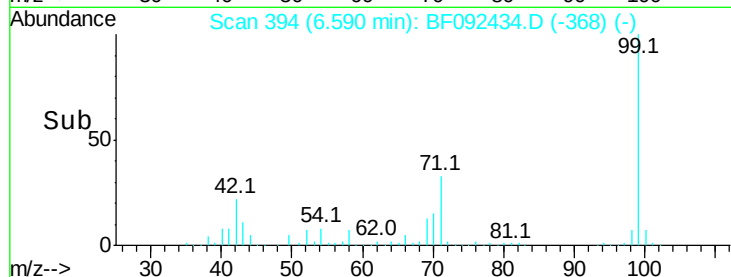
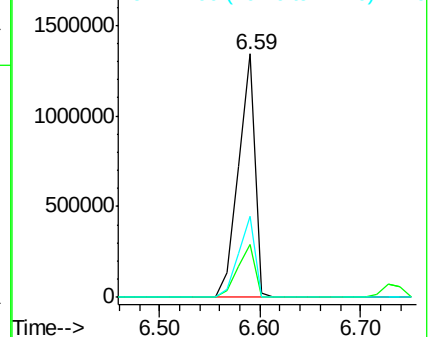
99 100

42 21.7 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: 6.07 ng

RT: 6.60 min Scan# 395

Delta R.T. 0.00 min

Lab File: BF092434.D

Acq: 24 Jan 2017 17:42

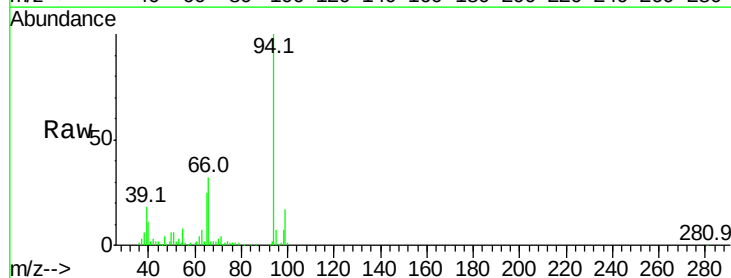
Tgt Ion: 94 Resp: 97487

Ion Ratio Lower Upper

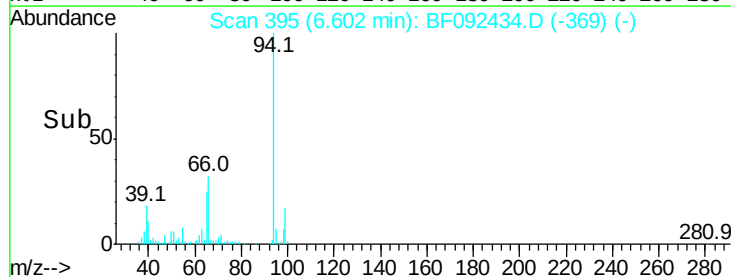
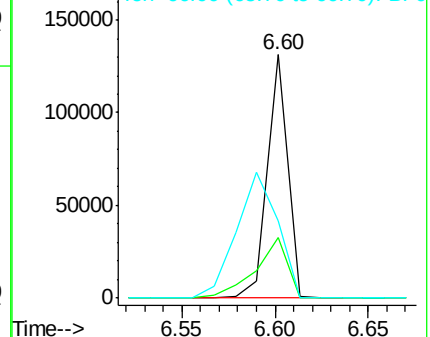
94 100

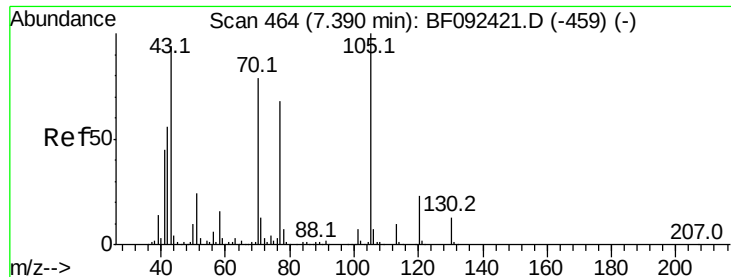
65 24.7 21.4 61.4

66 31.6 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

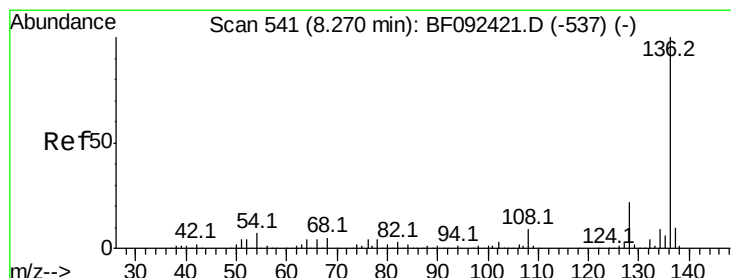
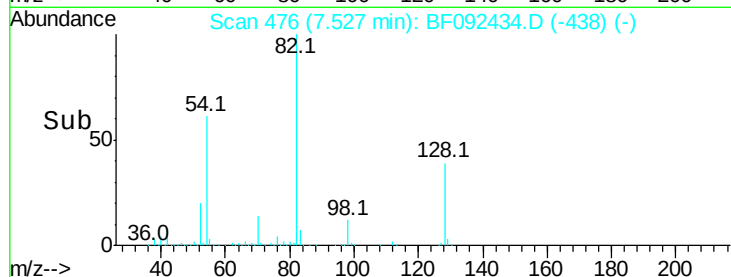
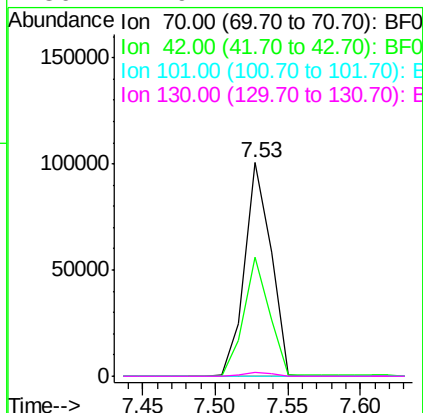
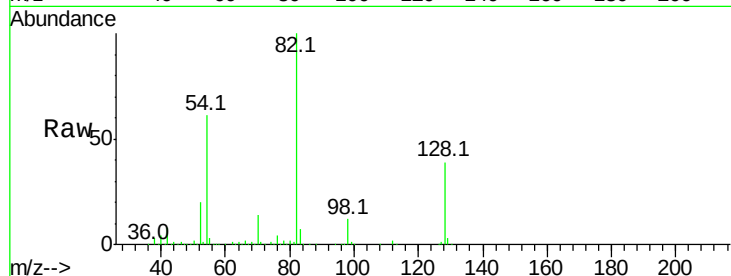




#19
n-Nitroso-di-n-propylamine
Concen: 13.99 ng
RT: 7.53 min Scan# 476
Delta R.T. 0.14 min
Lab File: BF092434.D
Acq: 24 Jan 2017 17:42

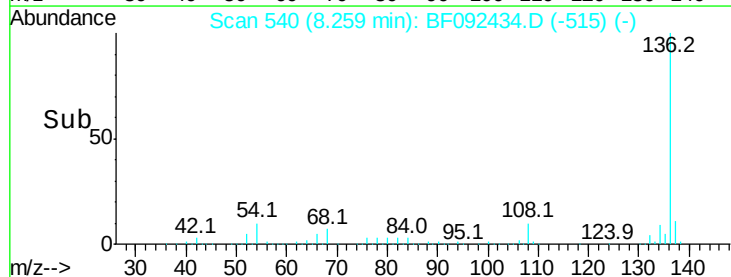
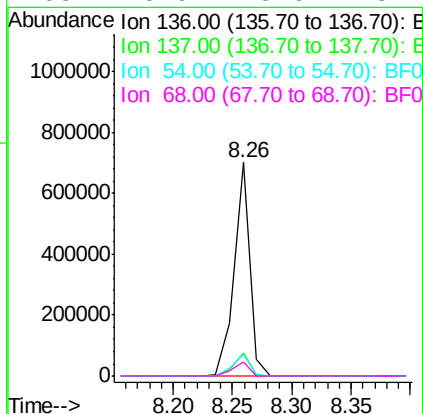
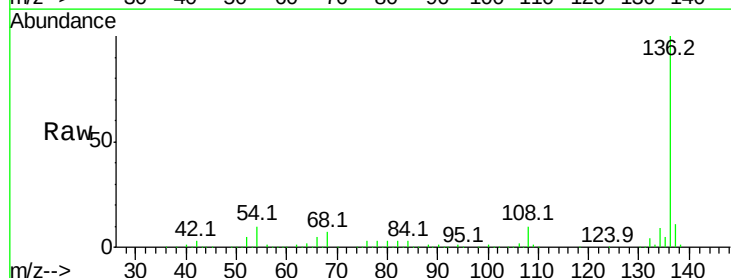
Instrument :
BNA_F
ClientSampleId :
FK-GF-02-001-A

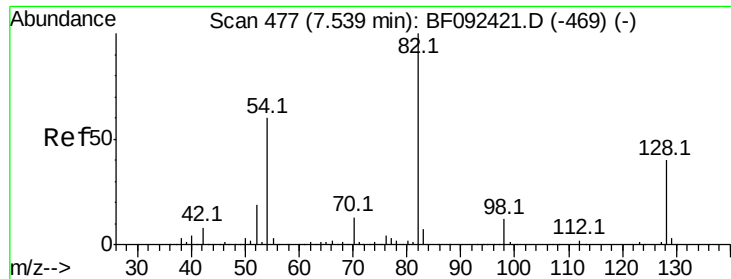
Tot Ion: 70 Resp: 126811
Ion Ratio Lower Upper
70 100
42 55.8 49.4 74.0
101 0.0 7.4 11.2#
130 1.9 14.2 21.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.26 min Scan# 540
Delta R.T. -0.01 min
Lab File: BF092434.D
Acq: 24 Jan 2017 17:42

Tgt Ion:136 Resp: 638203
Ion Ratio Lower Upper
136 100
137 11.0 8.4 12.6
54 10.3 4.5 6.7#
68 6.9 3.6 5.4#

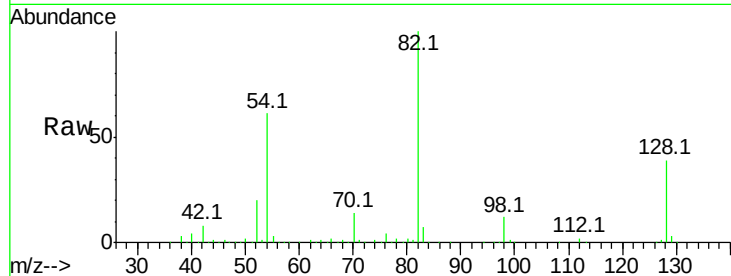




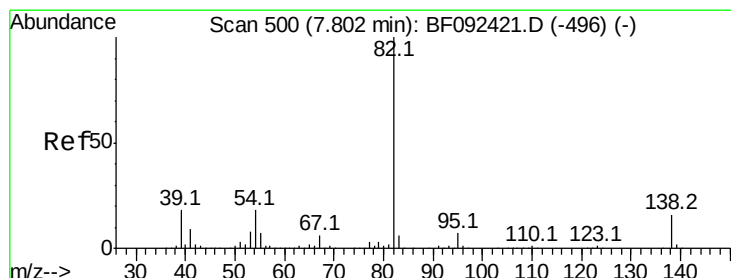
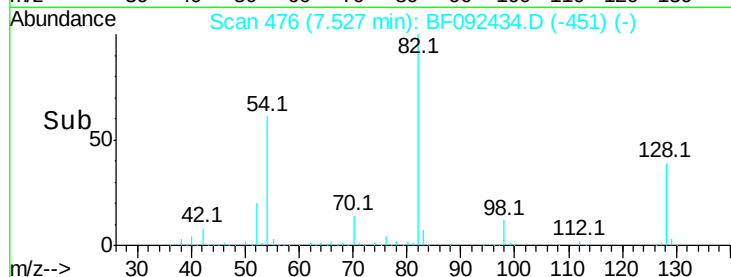
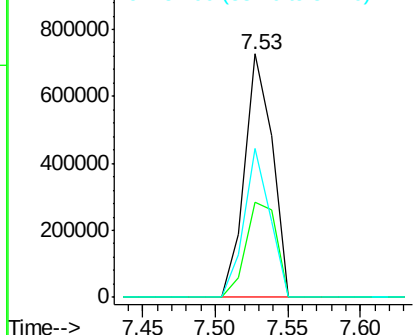
#23
Nitrobenzene-d5
Concen: 82.18 ng
RT: 7.53 min Scan# 476
Delta R.T. -0.01 min
Lab File: BF092434.D
Acq: 24 Jan 2017 17:42

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-001-A

Tot Ion	82	Resp	960178
Ion Ratio	100	Lower	Upper
128	39.1	34.6	52.0
54	61.2	39.5	59.3

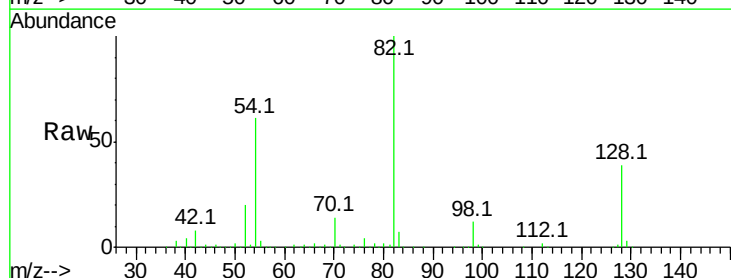


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): BF0
Ion 54.00 (53.70 to 54.70): BF0

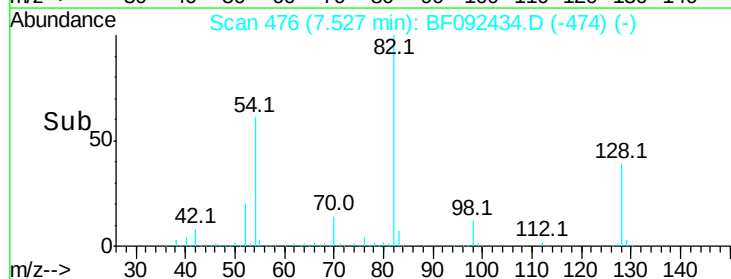
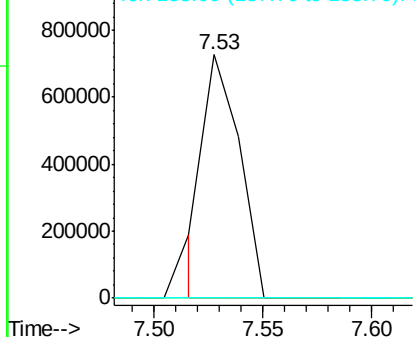


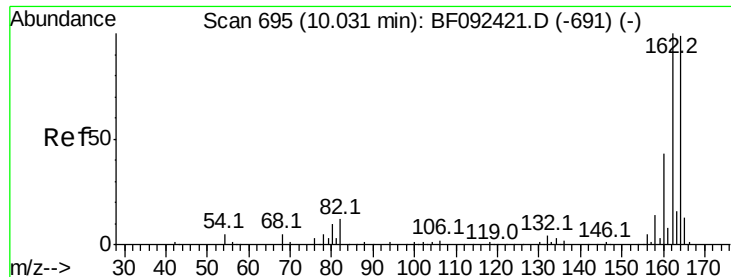
#25
Isophorone
Concen: 36.07 ng
RT: 7.53 min Scan# 476
Delta R.T. -0.27 min
Lab File: BF092434.D
Acq: 24 Jan 2017 17:42

Tgt Ion	82	Resp	830452
Ion Ratio	100	Lower	Upper
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

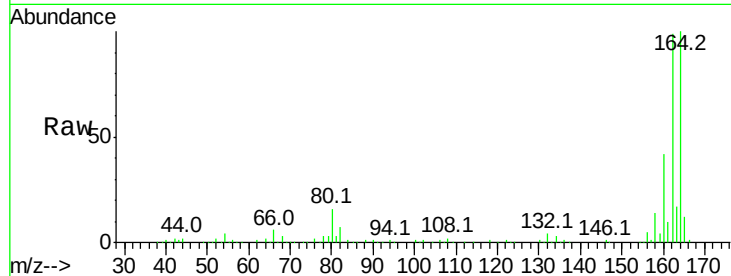




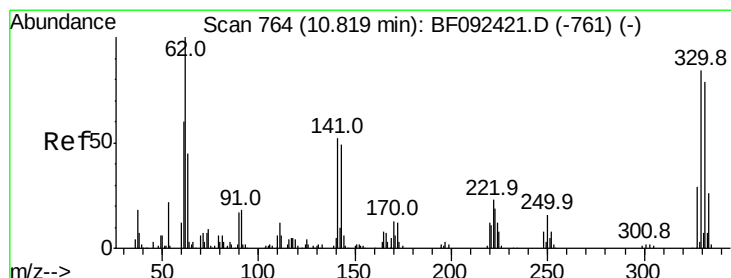
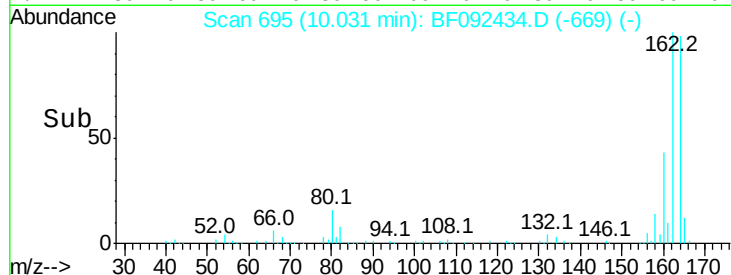
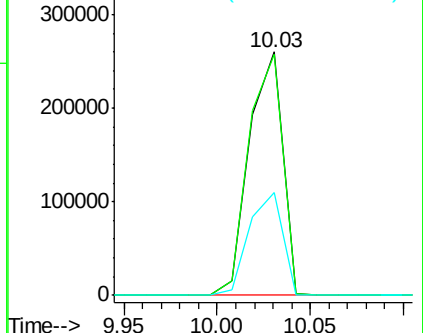
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.03 min Scan# 695
Delta R.T. -0.00 min
Lab File: BF092434.D
Acq: 24 Jan 2017 17:42

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-001-A

Tot Ion:164 Resp: 322656
Ion Ratio Lower Upper
164 100
162 99.0 80.2 120.2
160 42.3 36.9 55.3

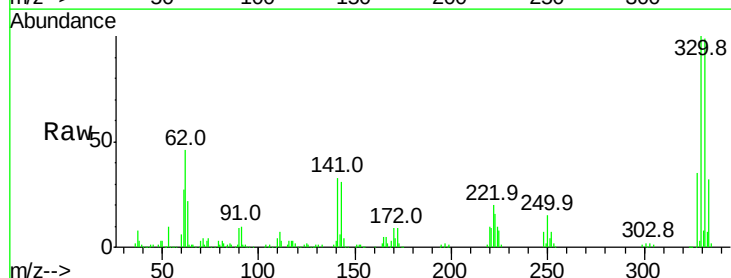


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

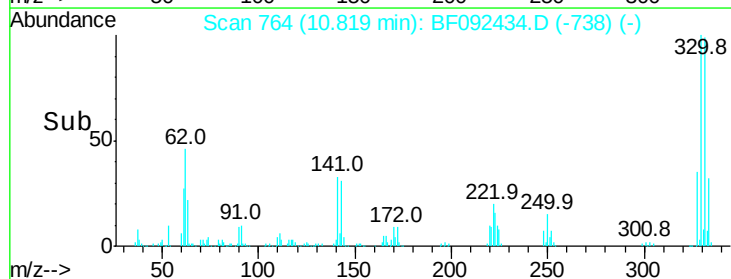
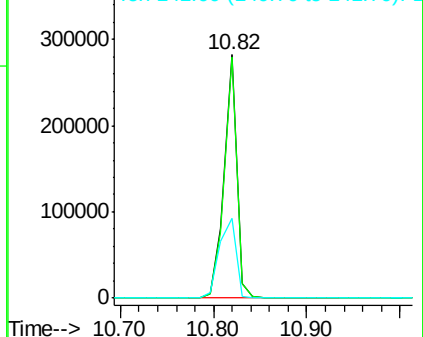


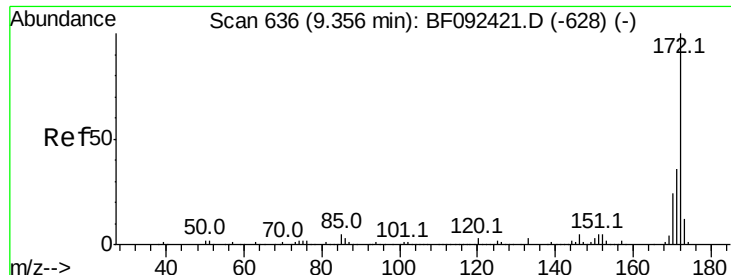
#41
2,4,6-Tribromophenol
Concen: 121.13 ng
RT: 10.82 min Scan# 764
Delta R.T. -0.00 min
Lab File: BF092434.D
Acq: 24 Jan 2017 17:42

Tgt Ion:330 Resp: 266339
Ion Ratio Lower Upper
330 100
332 97.9 77.4 116.2
141 43.0 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

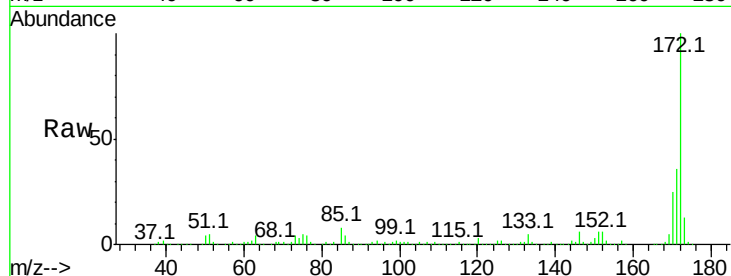




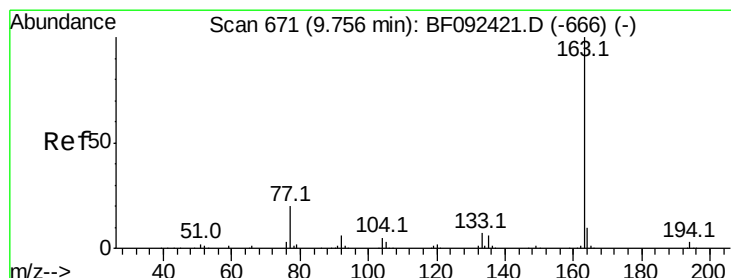
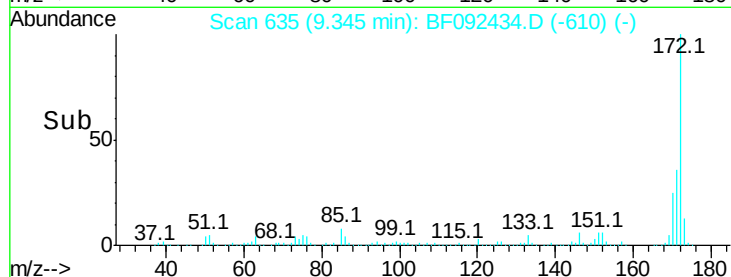
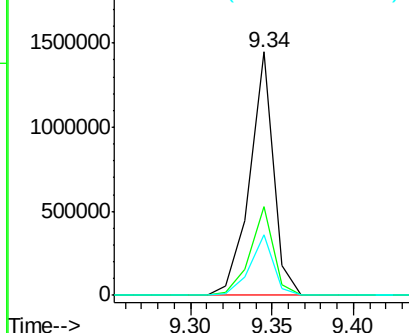
#44
2-Fluorobiphenyl
Concen: 83.92 ng
RT: 9.34 min Scan# 635
Delta R.T. -0.01 min
Lab File: BF092434.D
Acq: 24 Jan 2017 17:42

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-001-A

Tot Ion:172 Resp: 1464337
Ion Ratio Lower Upper
172 100
171 36.5 29.4 44.0
170 24.8 20.2 30.4

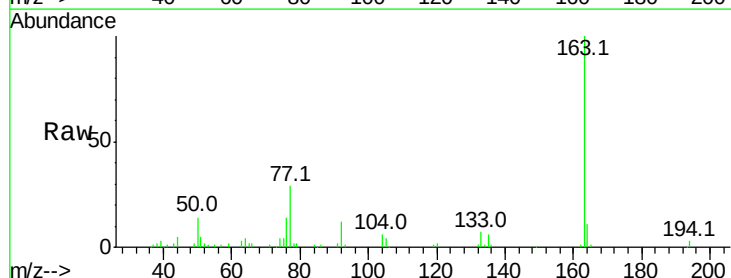


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

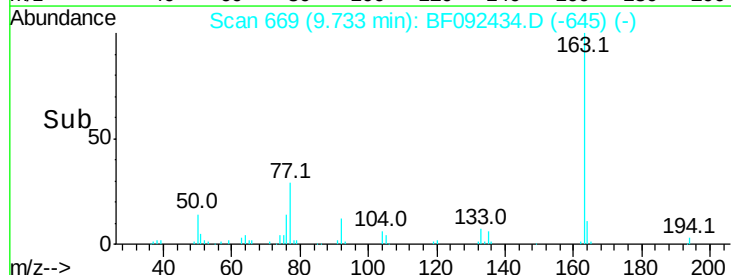
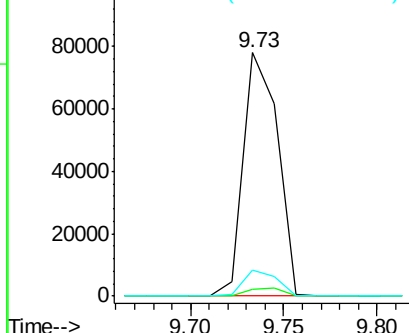


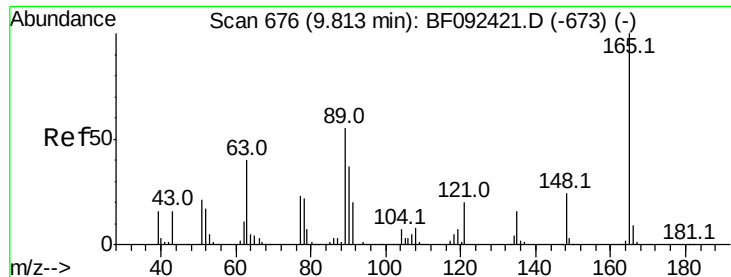
#49
Dimethylphthalate
Concen: 4.83 ng
RT: 9.73 min Scan# 669
Delta R.T. -0.02 min
Lab File: BF092434.D
Acq: 24 Jan 2017 17:42

Tgt Ion:163 Resp: 99123
Ion Ratio Lower Upper
163 100
194 3.0 3.0 4.4#
164 10.7 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: 9.76 ng

RT: 10.03 min Scan# 695

Delta R.T. 0.22 min

Lab File: BF092434.D

Acq: 24 Jan 2017 17:42

Instrument :

BNA_F

ClientSampleId :

FK-GF-02-001-A

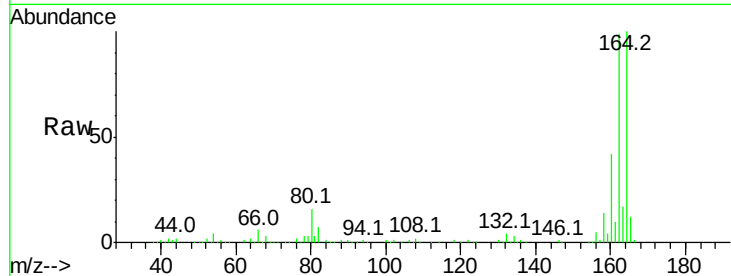
Tot Ion:165 Resp: 40948

Ion Ratio Lower Upper

165 100

63 0.0 36.2 54.4#

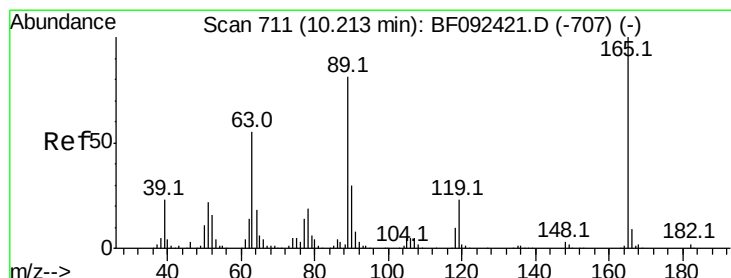
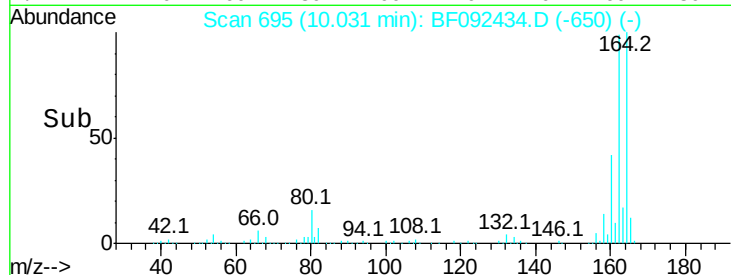
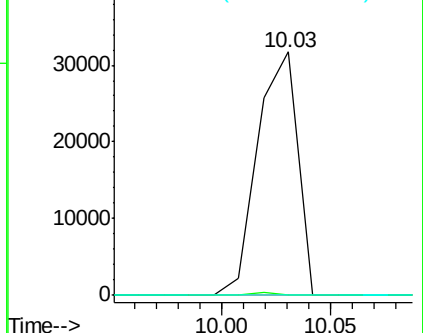
89 0.0 40.2 60.4#



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: 7.36 ng

RT: 10.03 min Scan# 695

Delta R.T. -0.18 min

Lab File: BF092434.D

Acq: 24 Jan 2017 17:42

Tgt Ion:165 Resp: 40948

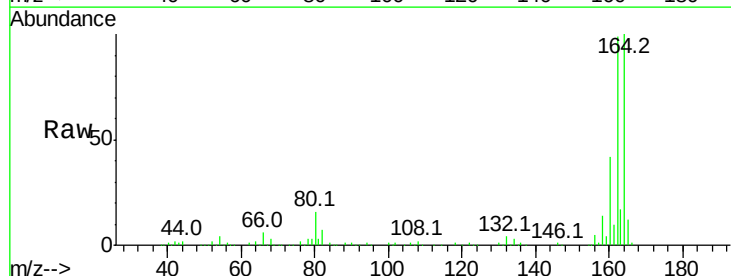
Ion Ratio Lower Upper

165 100

63 0.0 40.2 60.4#

89 0.0 62.5 93.7#

182 0.0 1.8 2.8#

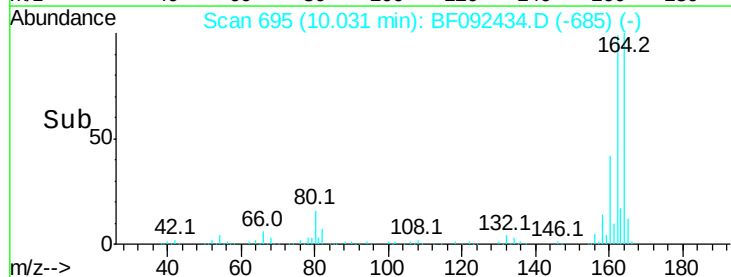
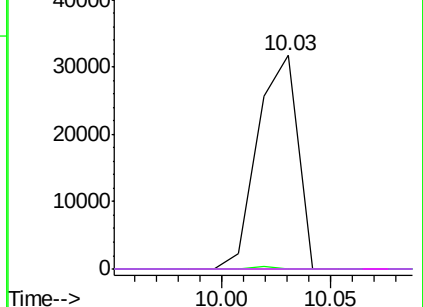


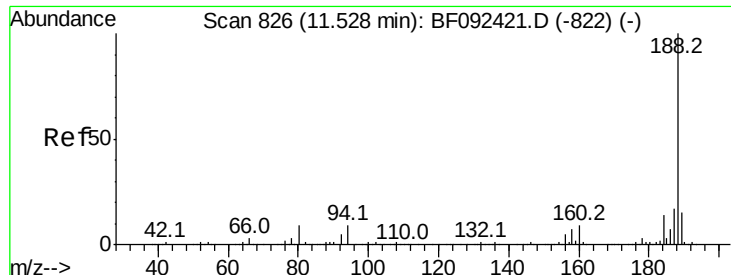
Abundance Ion 165.00 (164.70 to 165.70): E

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

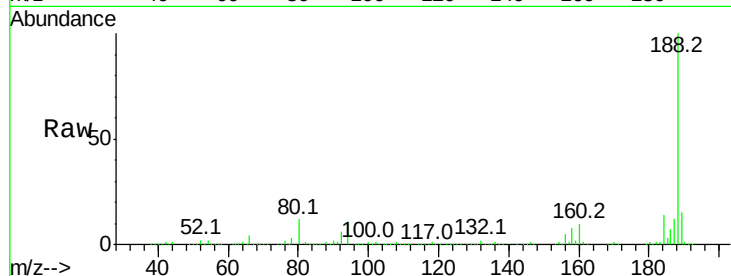




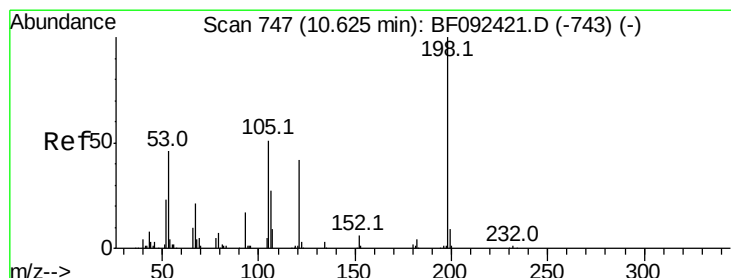
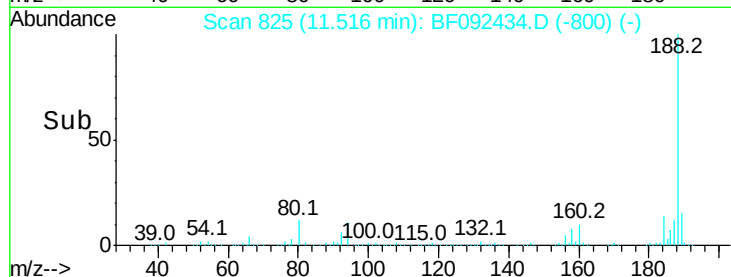
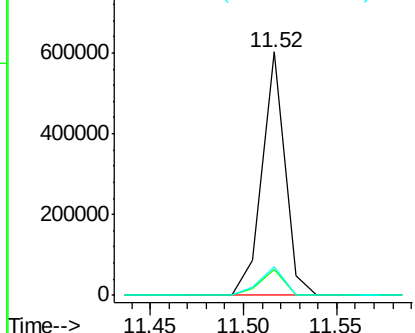
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.52 min Scan# 825
 Delta R.T. -0.01 min
 Lab File: BF092434.D
 Acq: 24 Jan 2017 17:42

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-001-A

Tot Ion	Ratio	Lower	Upper
188	100		
94	10.9	10.0	15.0
80	11.9	11.2	16.8

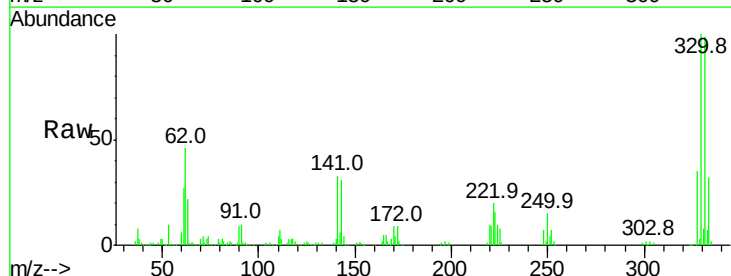


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

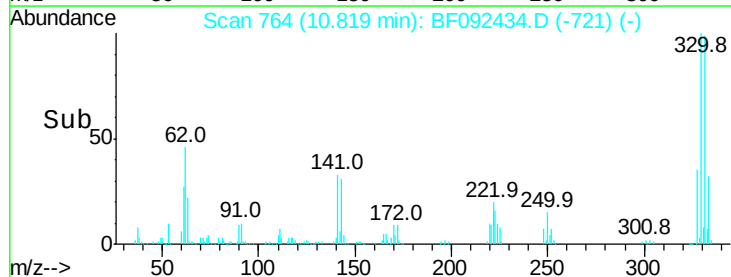
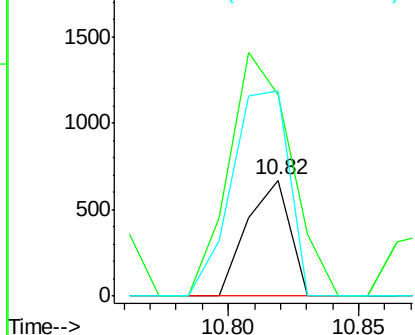


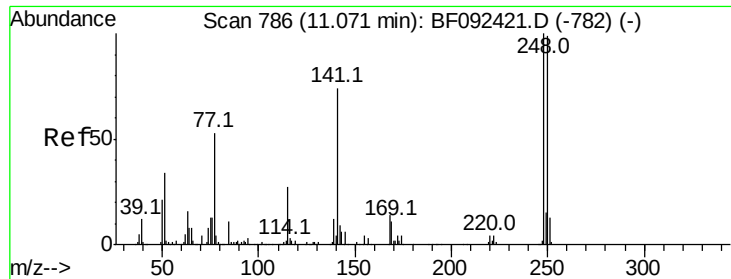
#64
 4,6-Dinitro-2-methylphenol
 Concen: 5.20 ng
 RT: 10.82 min Scan# 764
 Delta R.T. 0.20 min
 Lab File: BF092434.D
 Acq: 24 Jan 2017 17:42

Tgt Ion	Ratio	Lower	Upper
198	100		
51	174.2	6.7	46.7#
105	177.2	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

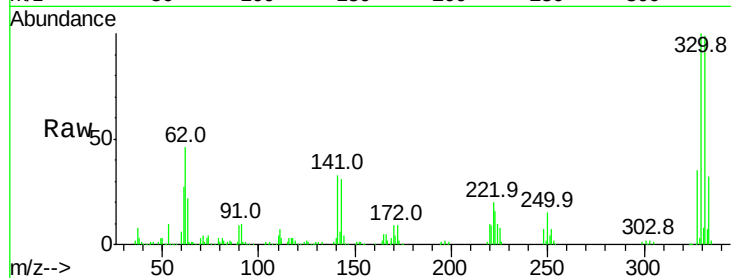




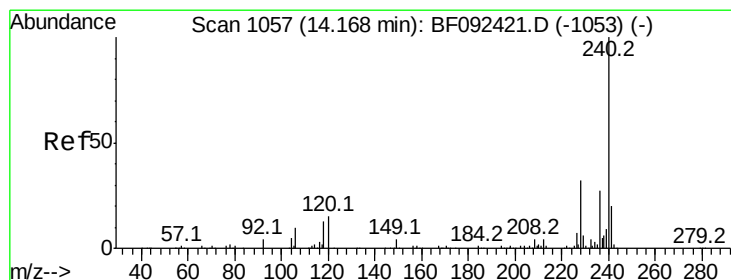
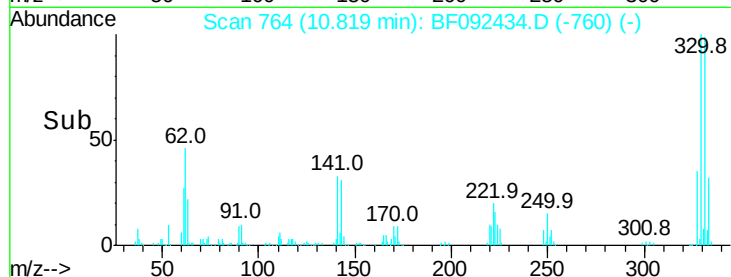
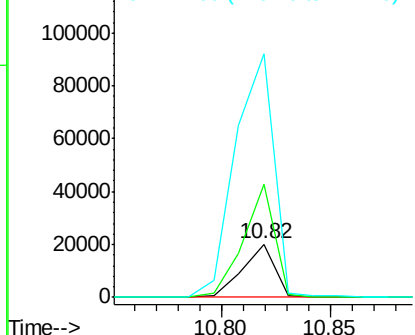
#66
4-Bromophenyl-phenylether
Concen: 4.05 ng
RT: 10.82 min Scan# 764
Delta R.T. -0.25 min
Lab File: BF092434.D
Acq: 24 Jan 2017 17:42

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-001-A

Tot Ion:248 Resp: 20878
Ion Ratio Lower Upper
248 100
250 211.2 76.9 115.3#
141 455.7 68.2 102.4#

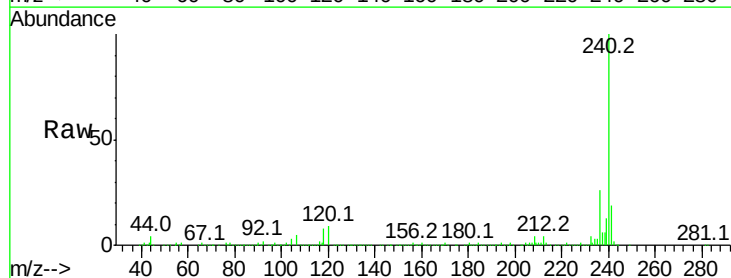


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

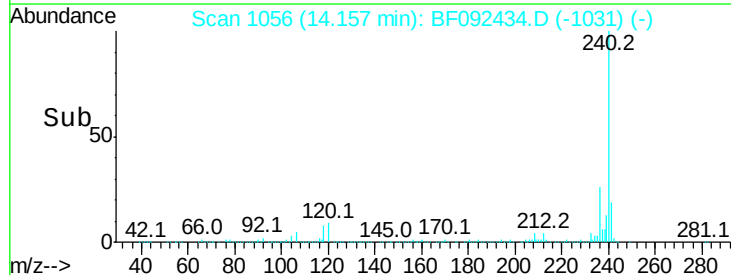
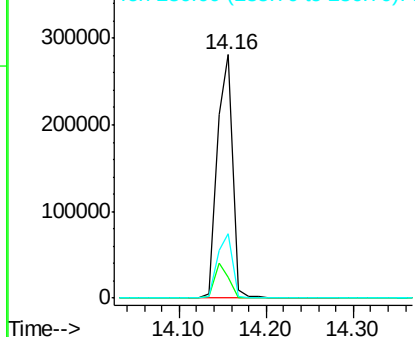


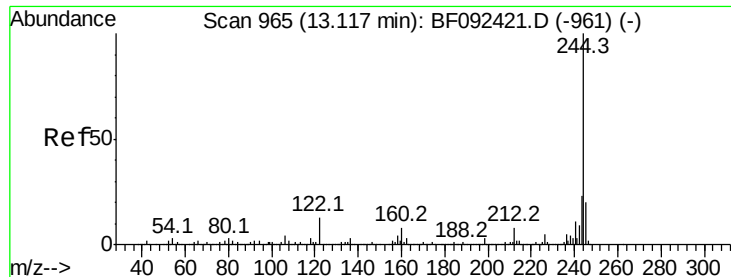
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.16 min Scan# 1056
Delta R.T. -0.01 min
Lab File: BF092434.D
Acq: 24 Jan 2017 17:42

Tgt Ion:240 Resp: 353011
Ion Ratio Lower Upper
240 100
120 8.6 12.9 19.3#
236 26.5 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



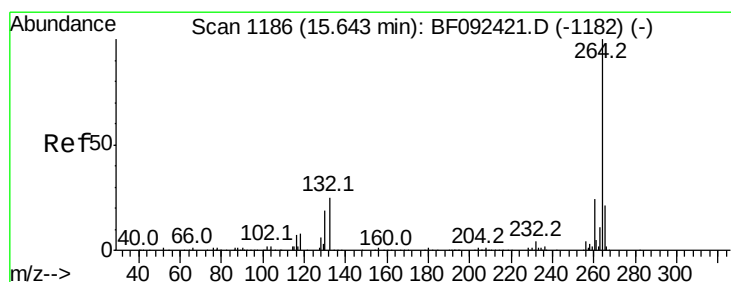
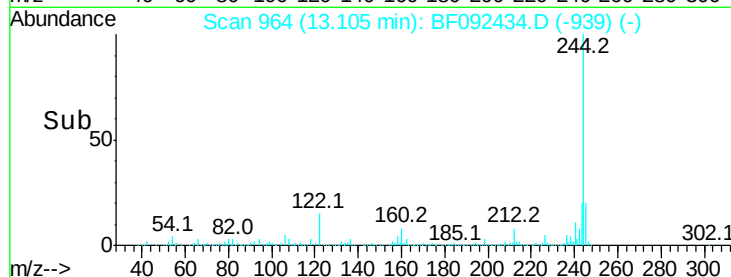
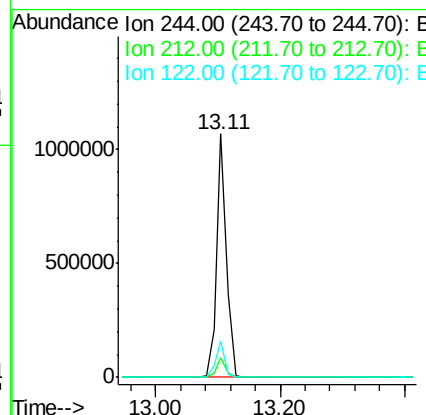
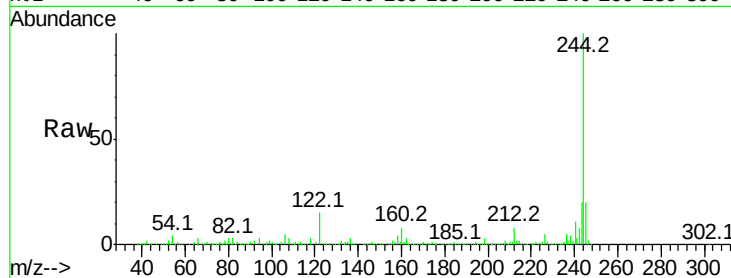


#78
 Terphenyl-d14
 Concen: 86.16 ng
 RT: 13.11 min Scan# 964
 Delta R.T. -0.01 min
 Lab File: BF092434.D
 Acq: 24 Jan 2017 17:42

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-001-A

Tot Ion:244 Resp: 1142199

Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.2	9.2
122	14.7	11.4	17.2



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.63 min Scan# 1185
 Delta R.T. -0.01 min
 Lab File: BF092434.D
 Acq: 24 Jan 2017 17:42

Tgt Ion:264 Resp: 297796

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	21.6	17.4	26.0

