

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012417\
 Data File : BF092445.D
 Acq On : 24 Jan 2017 22:46
 Operator : UM/SJ
 Sample : I1382-03
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-01-001-B

Quant Time: Jan 24 23:55:04 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

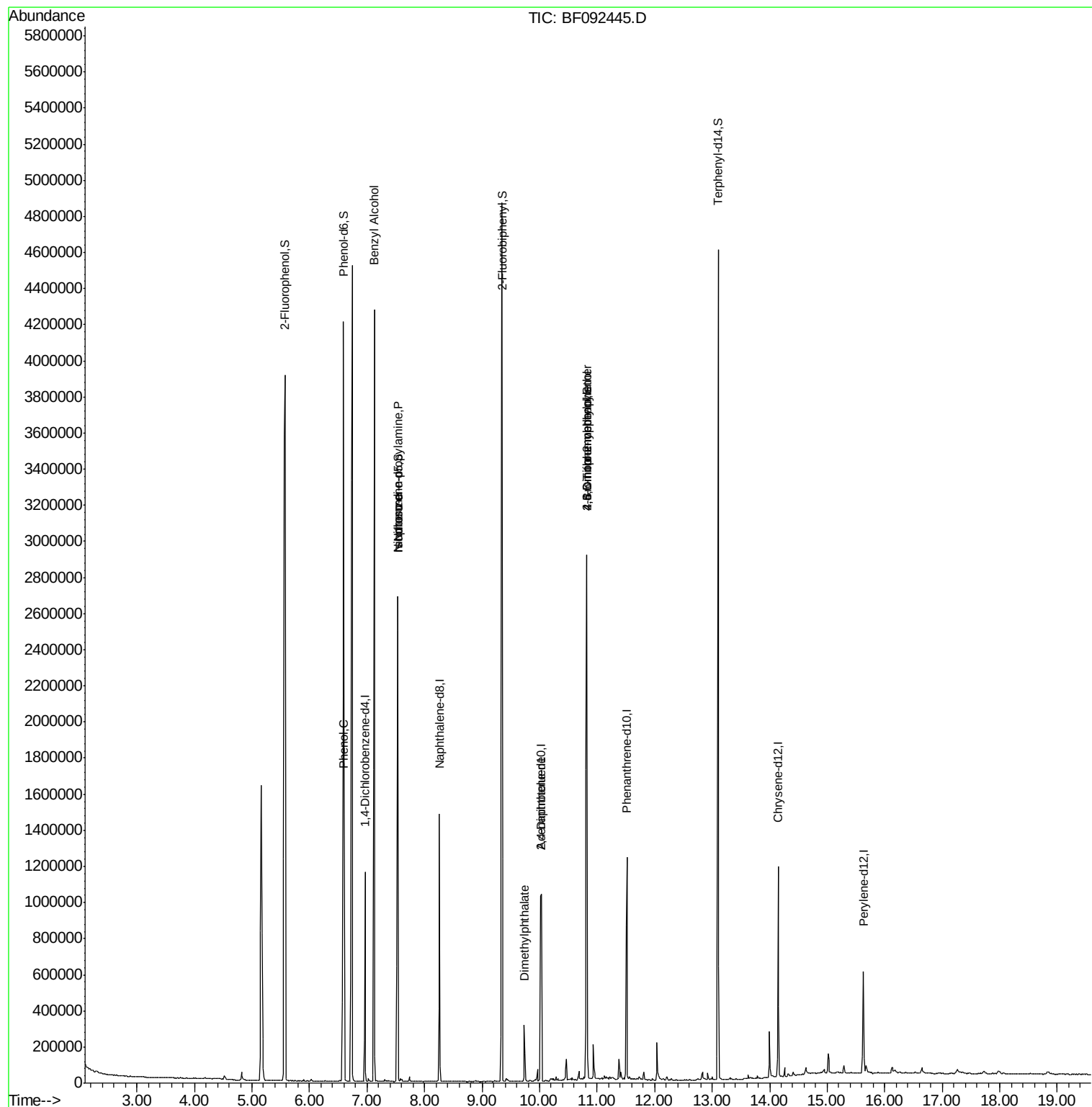
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	159762	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	653211	20.00	ng	-0.01
38) Acenaphthene-d10	10.03	164	343289	20.00	ng	0.00
63) Phenanthrene-d10	11.52	188	580100	20.00	ng	-0.01
75) Chrysene-d12	14.15	240	412519	20.00	ng	-0.02
86) Perylene-d12	15.63	264	321186	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	1665463	162.19	ng	0.02
7) Phenol-d6	6.59	99	1825701	139.58	ng	0.00
23) Nitrobenzene-d5	7.54	82	1344720	112.45	ng	0.00
41) 2,4,6-Tribromophenol	10.82	330	369038	157.75	ng	0.00
44) 2-Fluorobiphenyl	9.34	172	1900877	102.39	ng	-0.01
78) Terphenyl-d14	13.11	244	1631538	105.32	ng	-0.01
Target Compounds						Qvalue
10) Phenol	6.60	94	141614	8.97	ng	79
15) Benzyl Alcohol	7.13	79	20301	2.06	ng	# 29
19) n-Nitroso-di-n-propylamine	7.54	70	179409	20.14	ng	# 77
25) Isophorone	7.54	82	1198346	50.85	ng	# 65
49) Dimethylphthalate	9.73	163	147537	6.76	ng	98
56) 2,4-Dinitrotoluene	10.03	165	44778	7.56	ng	# 18
64) 4,6-Dinitro-2-methylphenol	10.82	198	1220	5.30	ng	# 1
66) 4-Bromophenyl-phenylether	10.82	248	28985	4.95	ng	# 1

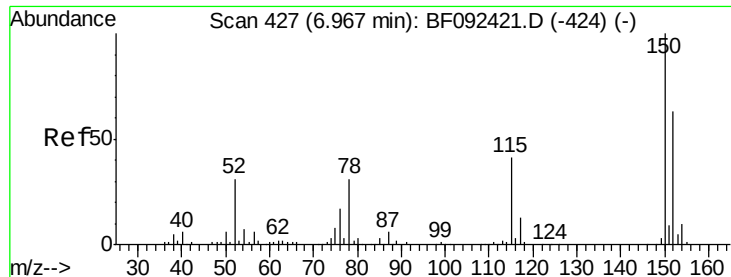
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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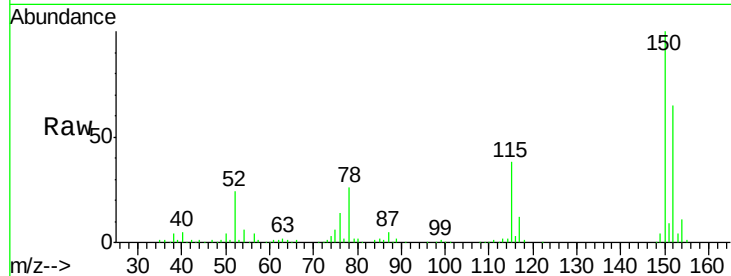


#1

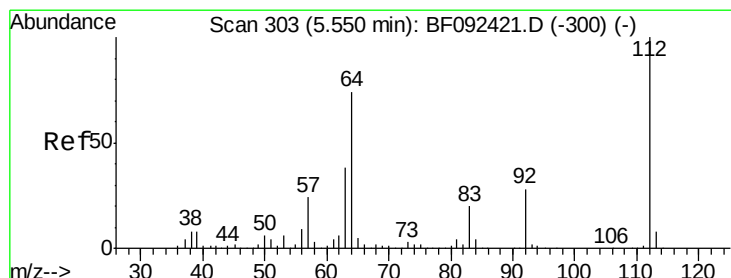
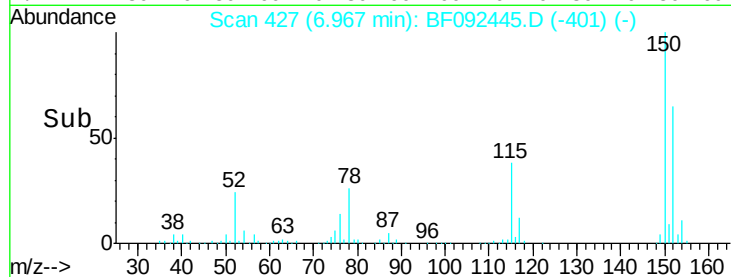
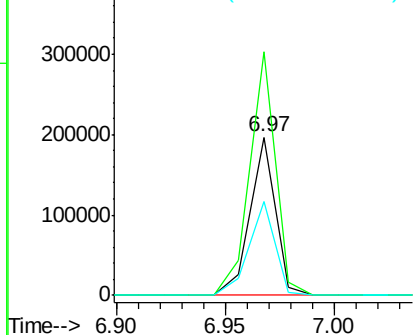
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.97 min Scan# 427
Delta R.T. 0.00 min
Lab File: BF092445.D
Acq: 24 Jan 2017 22:46

Instrument :
BNA_F
ClientSampleId :
FK-GF-01-001-B

Tgt Ion:152 Resp: 159762
Ion Ratio Lower Upper
152 100
150 154.3 124.9 187.3
115 59.2 46.0 69.0



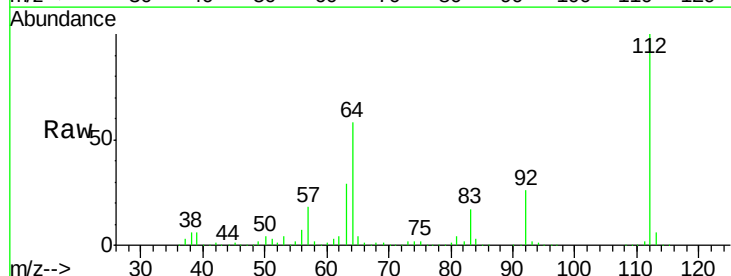
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



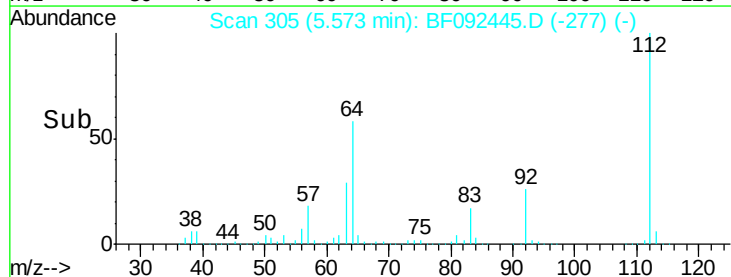
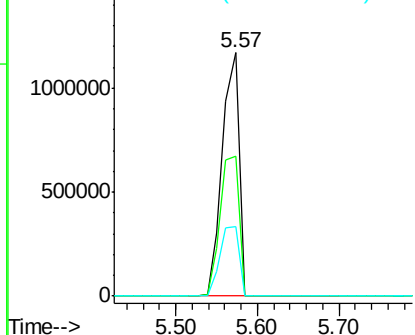
#5

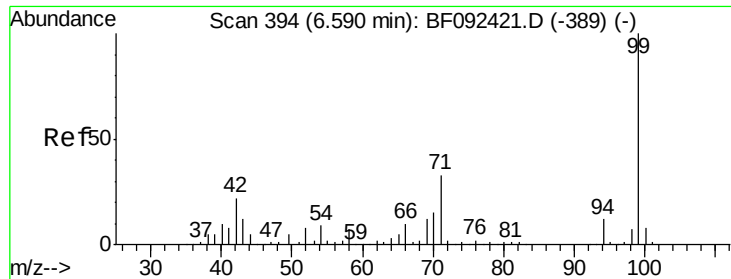
2-Fluorophenol
Concen: 162.19 ng
RT: 5.57 min Scan# 305
Delta R.T. 0.02 min
Lab File: BF092445.D
Acq: 24 Jan 2017 22:46

Tgt Ion:112 Resp: 1665463
Ion Ratio Lower Upper
112 100
64 57.6 46.1 69.1
63 28.8 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: 139.58 ng

RT: 6.59 min Scan# 394

Delta R.T. 0.00 min

Lab File: BF092445.D

Acq: 24 Jan 2017 22:46

Instrument :

BNA_F

ClientSampleId :

FK-GF-01-001-B

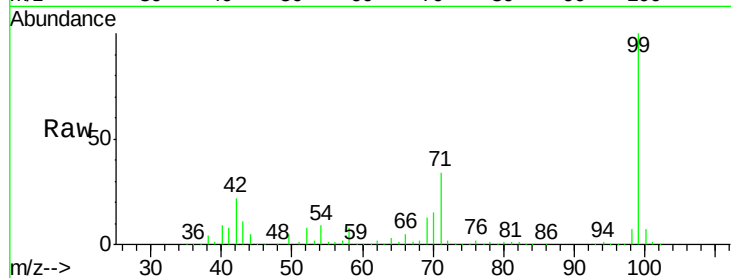
Tgt Ion: 99 Resp: 1825701

Ion Ratio Lower Upper

99 100

42 21.6 15.6 23.4

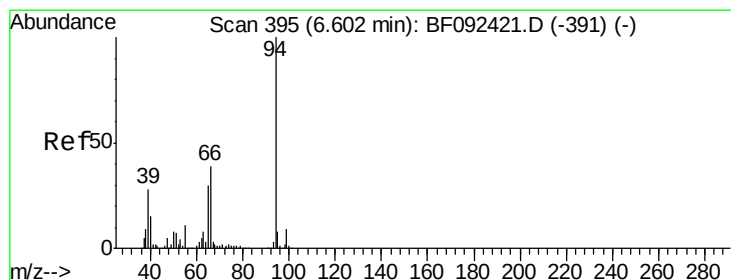
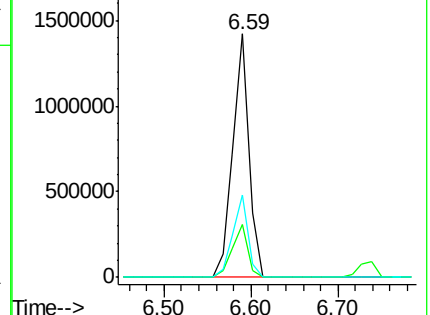
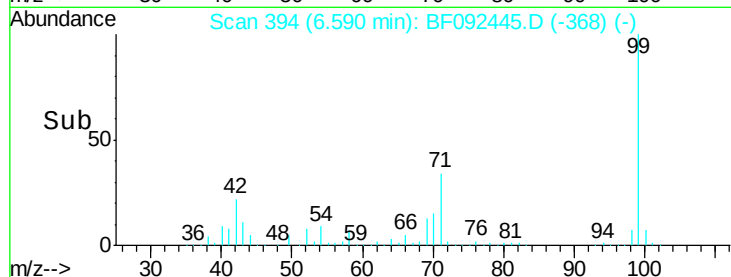
71 33.9 27.5 41.3



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: 8.97 ng

RT: 6.60 min Scan# 395

Delta R.T. 0.00 min

Lab File: BF092445.D

Acq: 24 Jan 2017 22:46

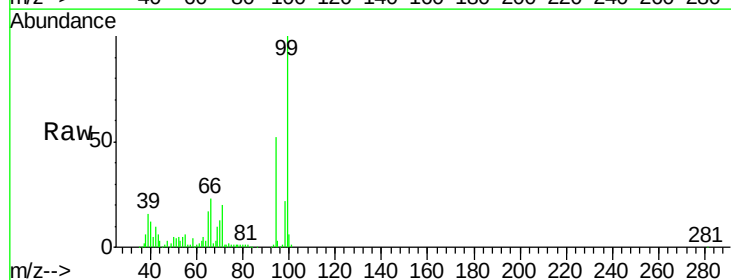
Tgt Ion: 94 Resp: 141614

Ion Ratio Lower Upper

94 100

65 32.0 21.4 61.4

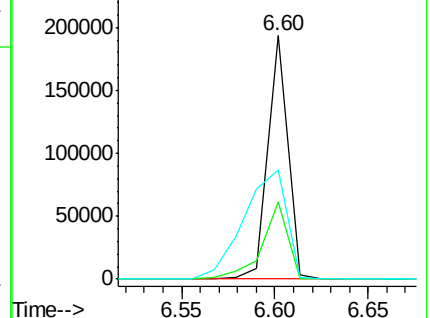
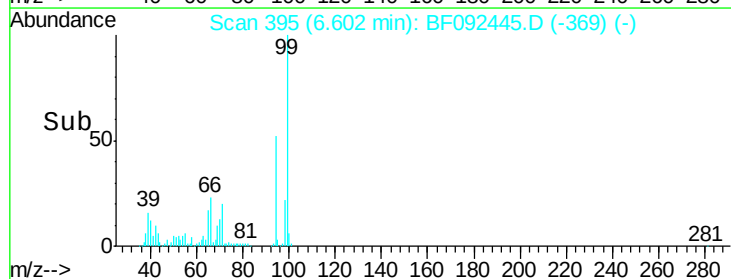
66 44.8 44.0 84.0

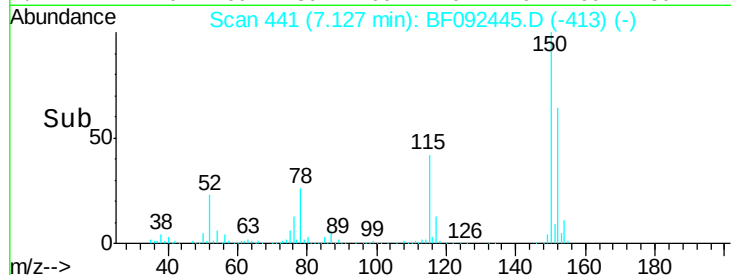
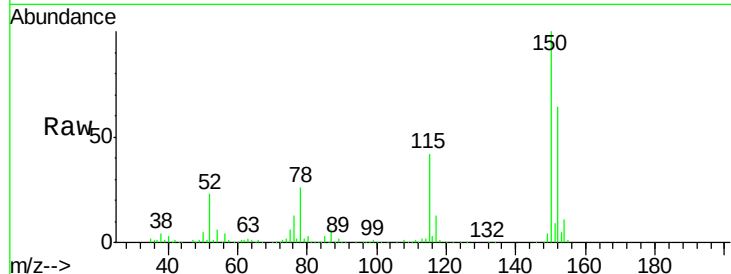
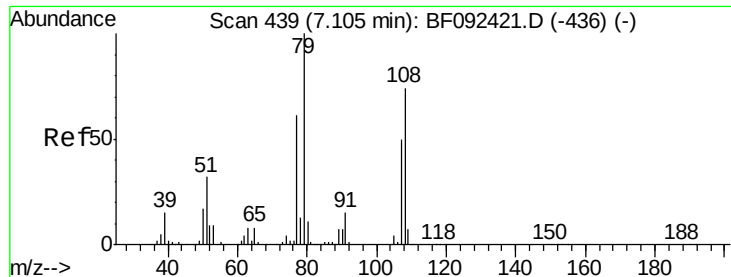


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#15

Benzyl Alcohol

Concen: 2.06 ng

RT: 7.13 min Scan# 441

Delta R.T. 0.02 min

Lab File: BF092445.D

Acq: 24 Jan 2017 22:46

Instrument :

BNA_F

ClientSampleId :

FK-GF-01-001-B

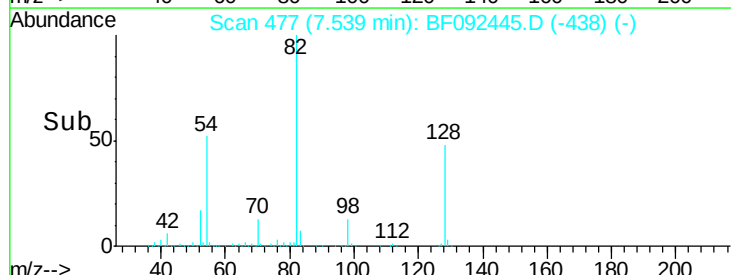
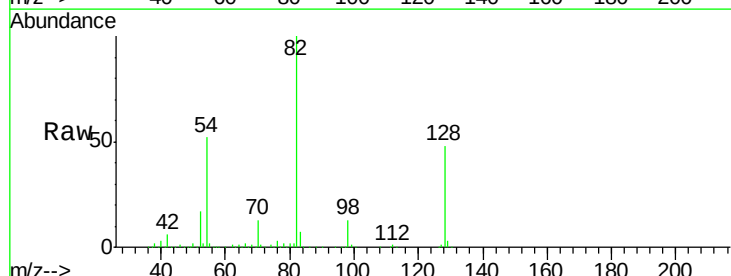
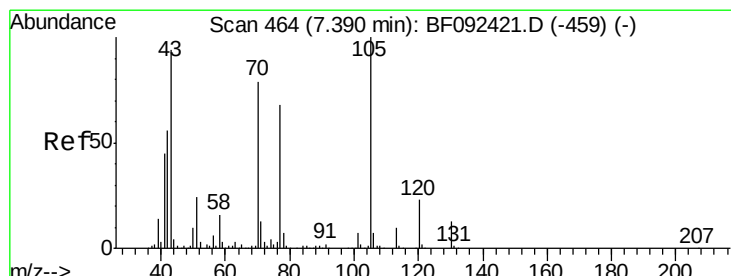
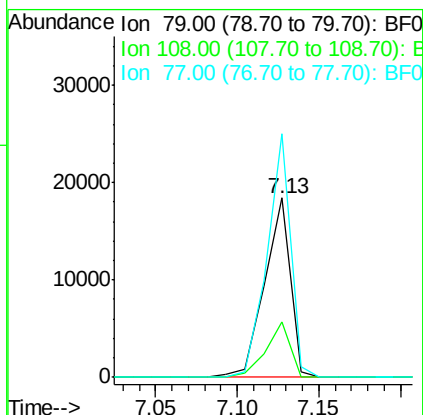
Tgt Ion: 79 Resp: 20301

Ion Ratio Lower Upper

79 100

108 30.7 61.4 92.0#

77 135.6 50.9 76.3#



#19

n-Nitroso-di-n-propylamine

Concen: 20.14 ng

RT: 7.54 min Scan# 477

Delta R.T. 0.15 min

Lab File: BF092445.D

Acq: 24 Jan 2017 22:46

Tgt Ion: 70 Resp: 179409

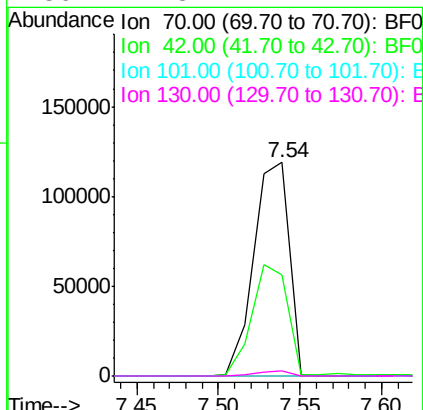
Ion Ratio Lower Upper

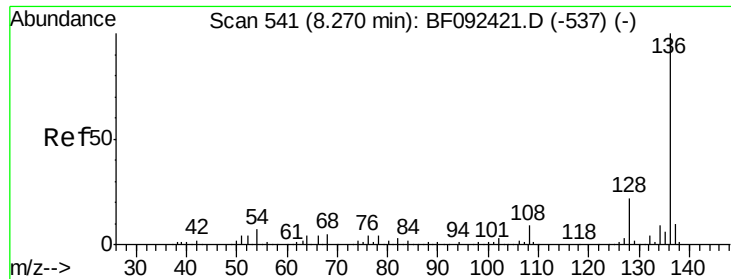
70 100

42 47.3 49.4 74.0#

101 0.0 7.4 11.2#

130 2.3 14.2 21.4#

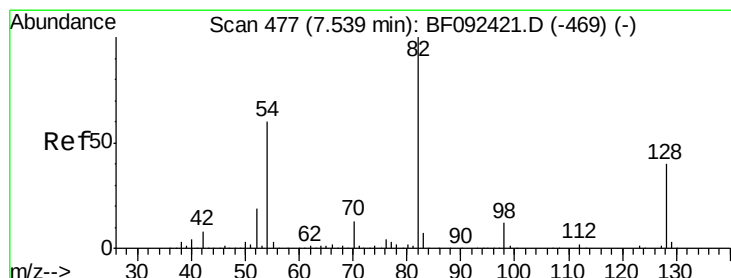
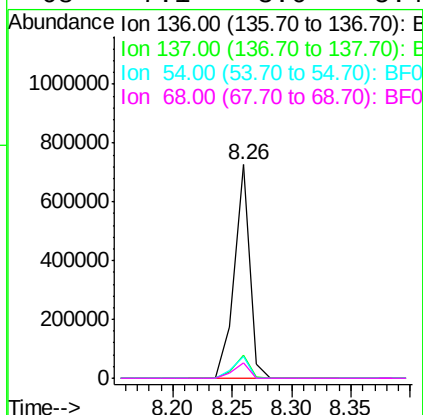
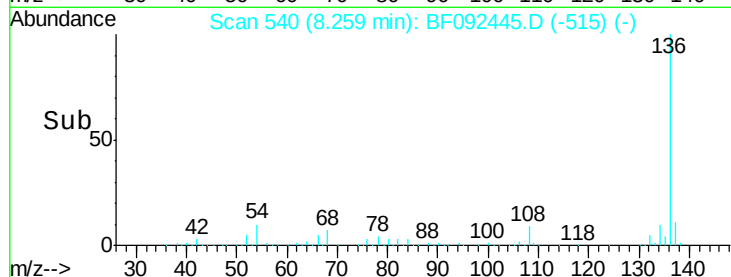
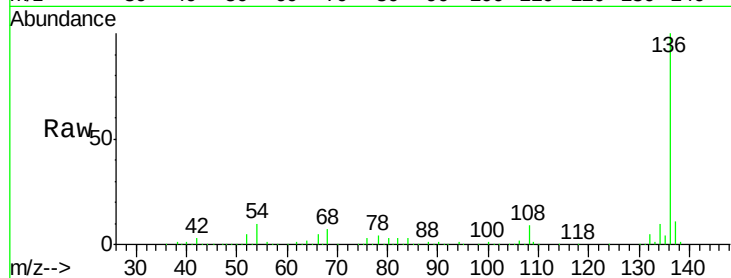




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.26 min Scan# 540
Delta R.T. -0.01 min
Lab File: BF092445.D
Acq: 24 Jan 2017 22:46

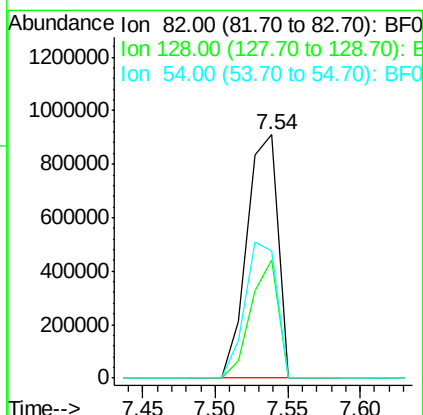
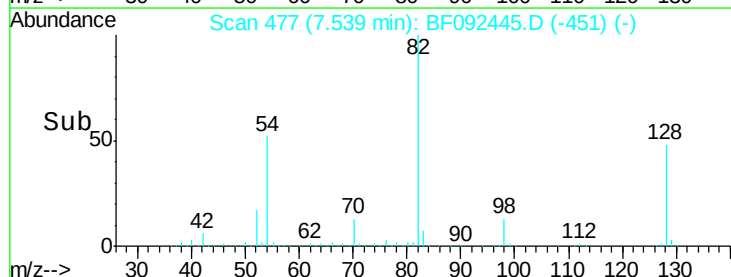
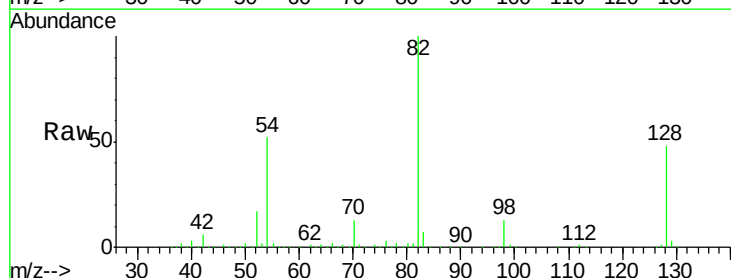
Instrument :
BNA_F
ClientSampleId :
FK-GF-01-001-B

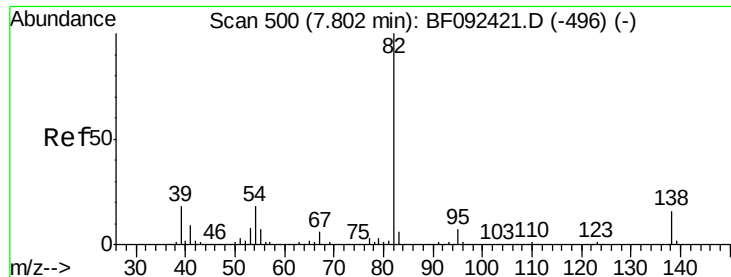
Tgt Ion:	136	Resp:	653211
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.4	12.6
54	10.1	4.5	6.7#
68	7.1	3.6	5.4#



#23
Nitrobenzene-d5
Concen: 112.45 ng
RT: 7.54 min Scan# 477
Delta R.T. 0.00 min
Lab File: BF092445.D
Acq: 24 Jan 2017 22:46

Tgt Ion:	82	Resp:	1344720
Ion	Ratio	Lower	Upper
82	100		
128	48.3	34.6	52.0
54	52.3	39.5	59.3





#25

Isophorone

Concen: 50.85 ng

RT: 7.54 min Scan# 477

Delta R.T. -0.26 min

Lab File: BF092445.D

Acq: 24 Jan 2017 22:46

Instrument :

BNA_F

ClientSampleId :

FK-GF-01-001-B

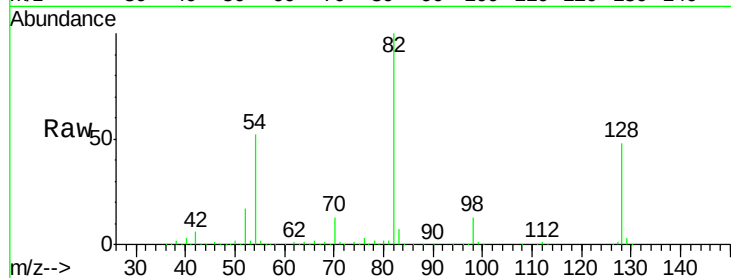
Tgt Ion: 82 Resp: 1198346

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

138 0.0 14.6 22.0#

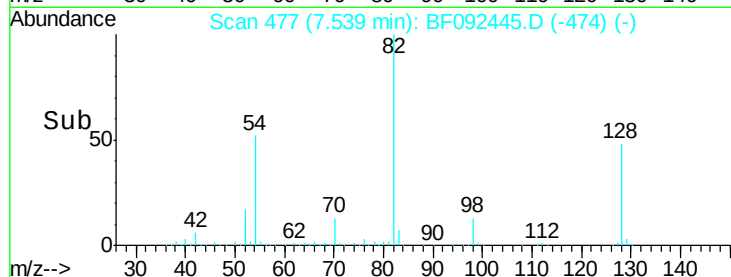


Abundance Ion 82.00 (81.70 to 82.70): BF092421.D (-496) (-)

Ion 95.00 (94.70 to 95.70): BF092421.D (-496) (-)

Ion 138.00 (137.70 to 138.70): BF092421.D (-496) (-)

Time-->



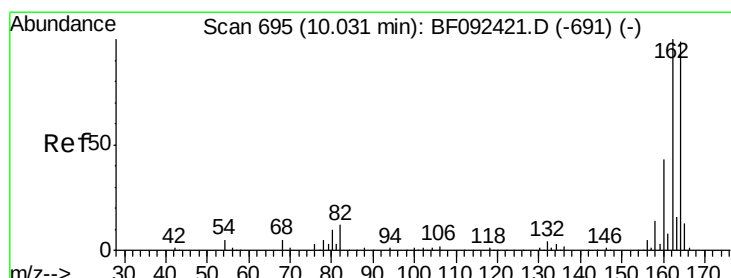
Abundance

Ion 82.00 (81.70 to 82.70): BF092445.D (-474) (-)

Ion 95.00 (94.70 to 95.70): BF092445.D (-474) (-)

Ion 138.00 (137.70 to 138.70): BF092445.D (-474) (-)

Time-->



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.03 min Scan# 695

Delta R.T. 0.00 min

Lab File: BF092445.D

Acq: 24 Jan 2017 22:46

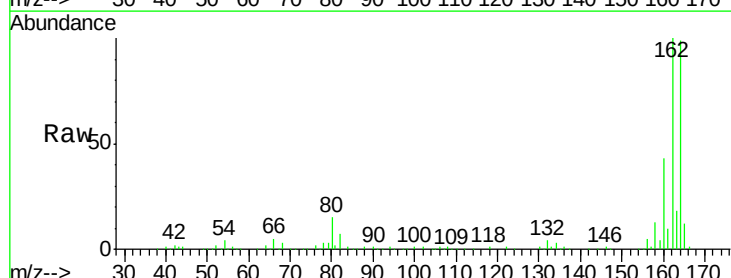
Tgt Ion: 164 Resp: 343289

Ion Ratio Lower Upper

164 100

162 100.7 80.2 120.2

160 43.3 36.9 55.3

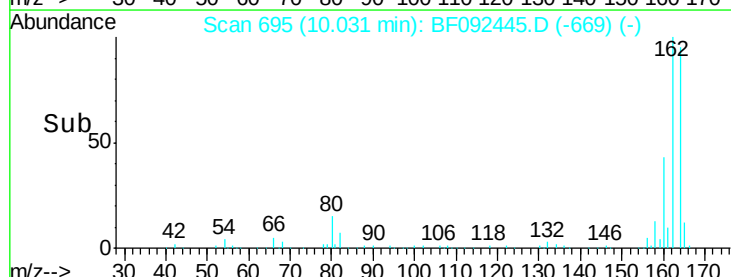


Abundance Ion 164.00 (163.70 to 164.70): BF092421.D (-691) (-)

Ion 162.00 (161.70 to 162.70): BF092421.D (-691) (-)

Ion 160.00 (159.70 to 160.70): BF092421.D (-691) (-)

Time-->



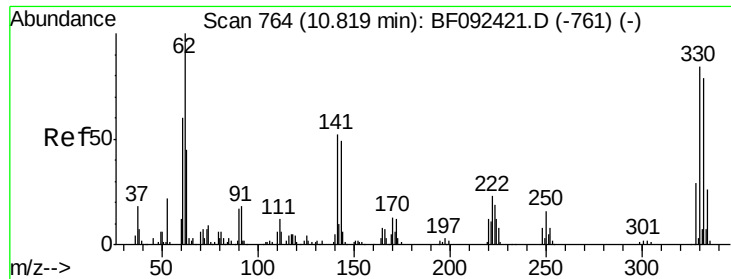
Abundance

Ion 164.00 (163.70 to 164.70): BF092445.D (-669) (-)

Ion 162.00 (161.70 to 162.70): BF092445.D (-669) (-)

Ion 160.00 (159.70 to 160.70): BF092445.D (-669) (-)

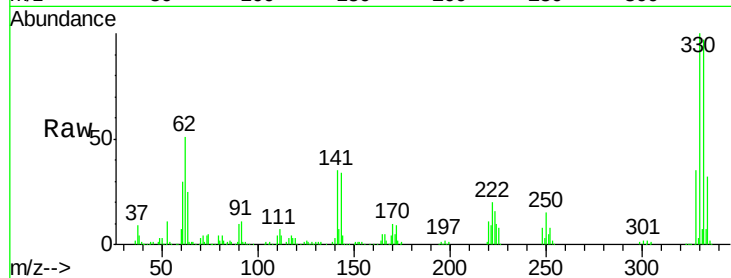
Time-->



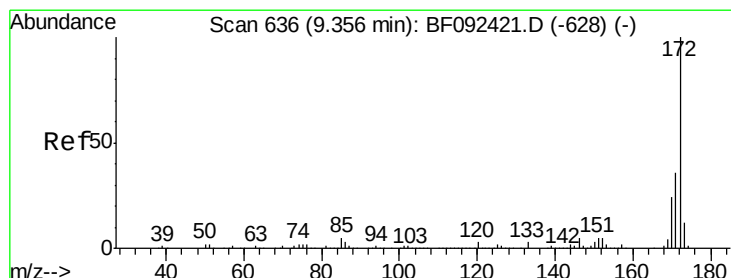
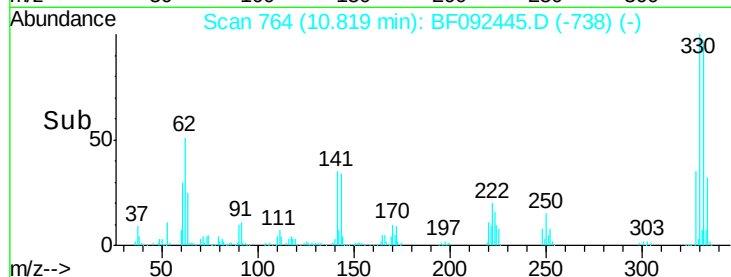
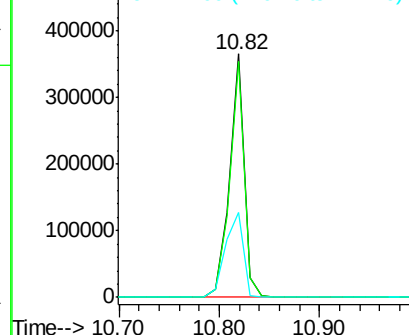
#41
 2,4,6-Tribromophenol
 Concen: 157.75 ng
 RT: 10.82 min Scan# 764
 Delta R.T. 0.00 min
 Lab File: BF092445.D
 Acq: 24 Jan 2017 22:46

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-01-001-B

Tgt Ion:330 Resp: 369038
 Ion Ratio Lower Upper
 330 100
 332 97.0 77.4 116.2
 141 43.2 34.1 51.1

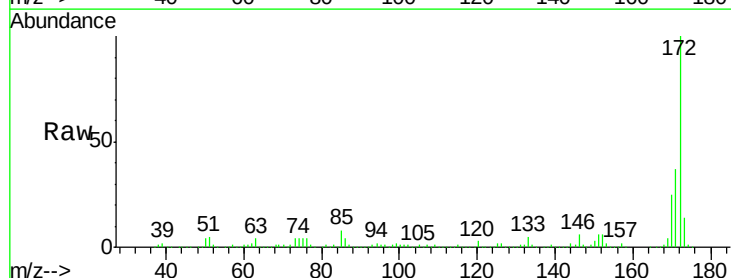


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

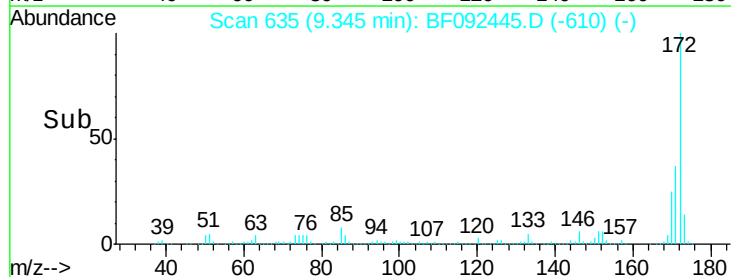
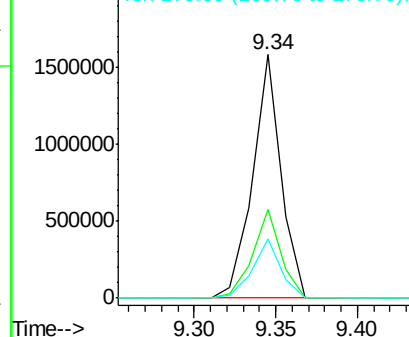


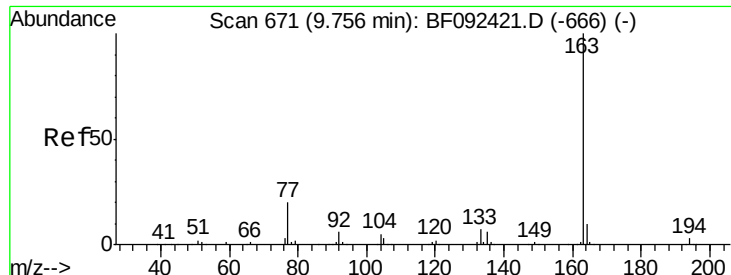
#44
 2-Fluorobiphenyl
 Concen: 102.39 ng
 RT: 9.34 min Scan# 635
 Delta R.T. -0.01 min
 Lab File: BF092445.D
 Acq: 24 Jan 2017 22:46

Tgt Ion:172 Resp: 1900877
 Ion Ratio Lower Upper
 172 100
 171 36.6 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

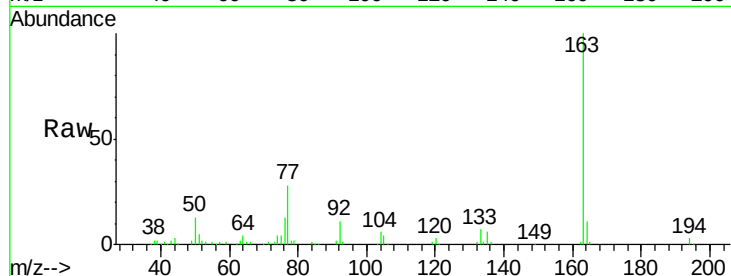




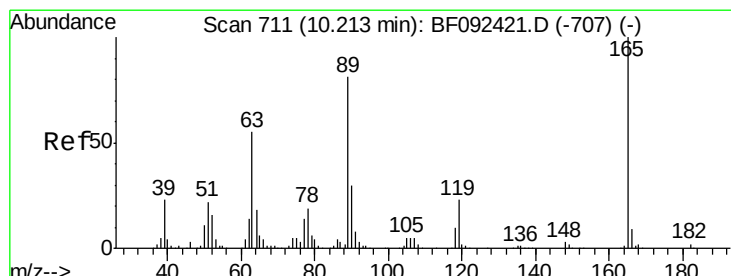
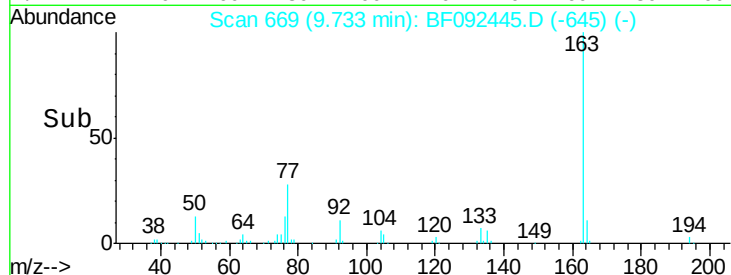
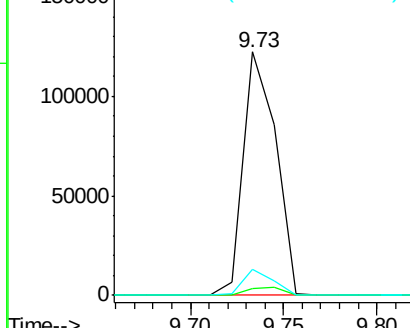
#49
Dimethylphthalate
Concen: 6.76 ng
RT: 9.73 min Scan# 669
Delta R.T. -0.02 min
Lab File: BF092445.D
Acq: 24 Jan 2017 22:46

Instrument :
BNA_F
ClientSampleId :
FK-GF-01-001-B

Tgt Ion:163 Resp: 147537
Ion Ratio Lower Upper
163 100
194 3.0 3.0 4.4
164 10.8 8.0 12.0

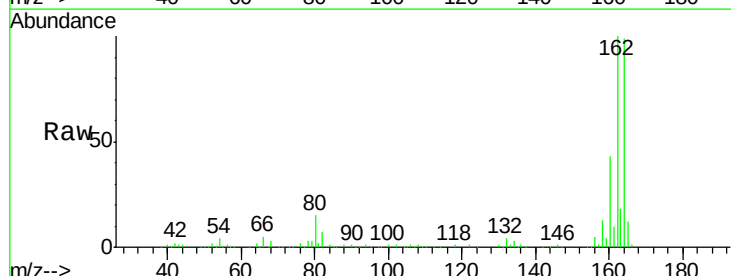


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

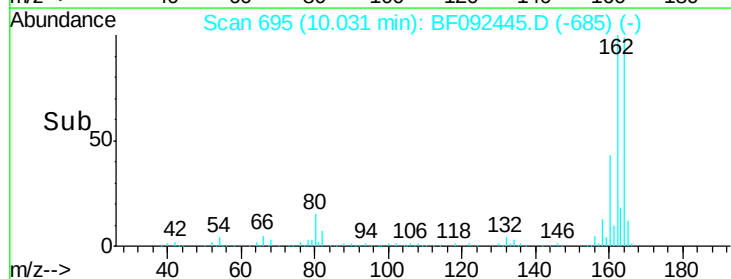
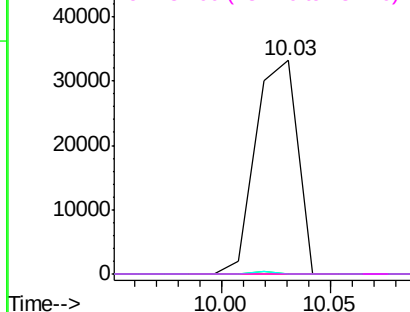


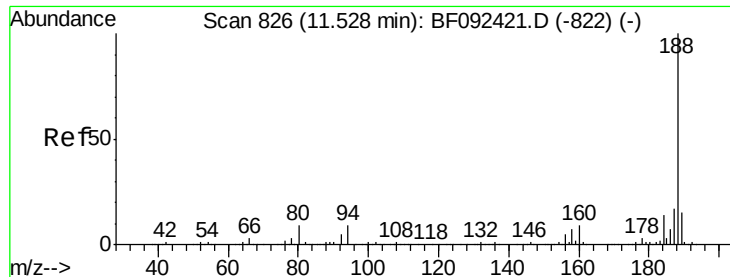
#56
2,4-Dinitrotoluene
Concen: 7.56 ng
RT: 10.03 min Scan# 695
Delta R.T. -0.18 min
Lab File: BF092445.D
Acq: 24 Jan 2017 22:46

Tgt Ion:165 Resp: 44778
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

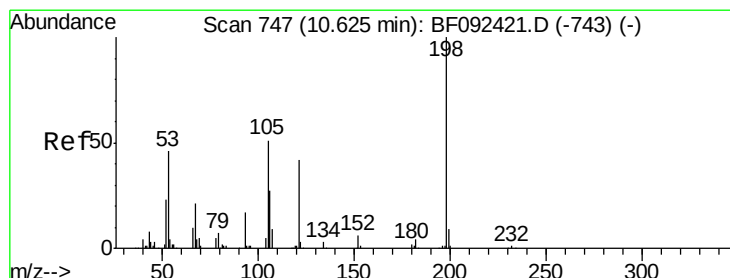
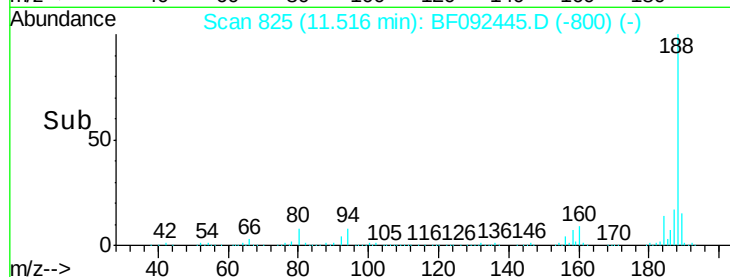
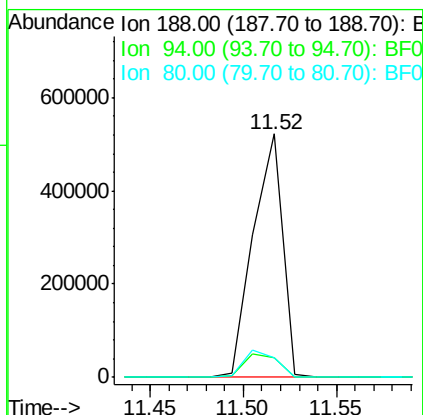
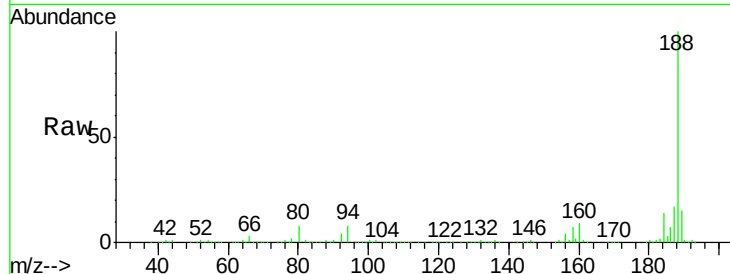




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.52 min Scan# 825
 Delta R.T. -0.01 min
 Lab File: BF092445.D
 Acq: 24 Jan 2017 22:46

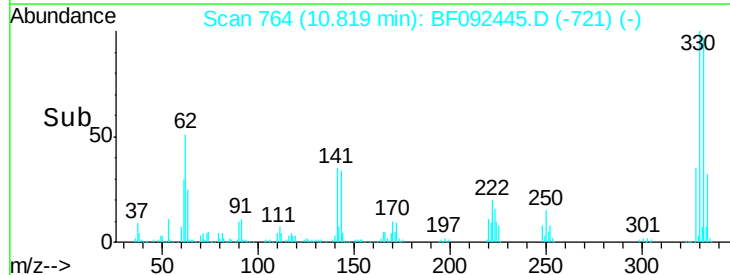
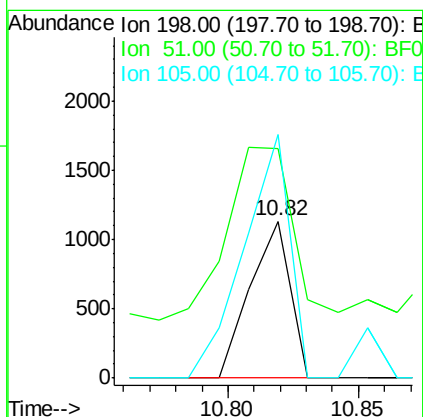
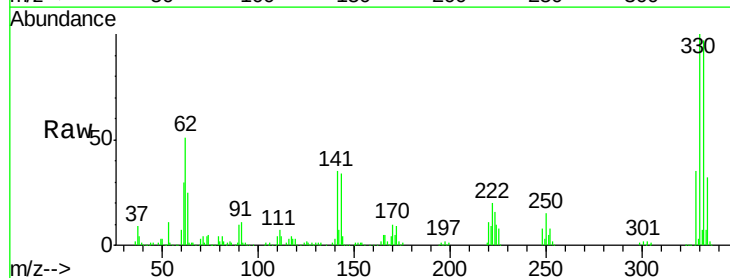
Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-01-001-B

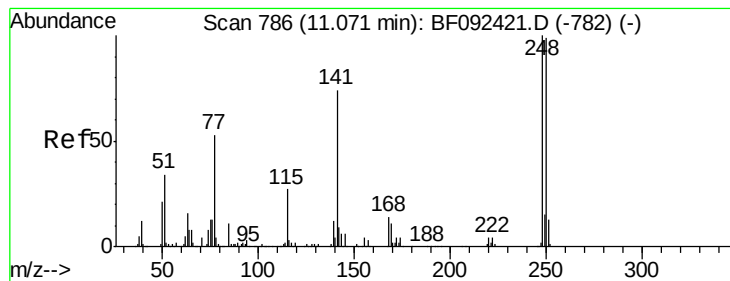
Tgt Ion:188 Resp: 580100
 Ion Ratio Lower Upper
 188 100
 94 8.0 10.0 15.0#
 80 8.3 11.2 16.8#



#64
 4,6-Dinitro-2-methylphenol
 Concen: 5.30 ng
 RT: 10.82 min Scan# 764
 Delta R.T. 0.20 min
 Lab File: BF092445.D
 Acq: 24 Jan 2017 22:46

Tgt Ion:198 Resp: 1220
 Ion Ratio Lower Upper
 198 100
 51 146.3 6.7 46.7#
 105 155.0 16.6 56.6#





#66

4-Bromophenyl-phenylether

Concen: 4.95 ng

RT: 10.82 min Scan# 764

Delta R.T. -0.25 min

Lab File: BF092445.D

Acq: 24 Jan 2017 22:46

Instrument :

BNA_F

ClientSampleId :

FK-GF-01-001-B

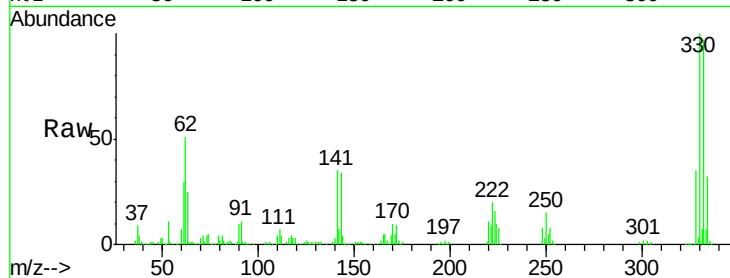
Tgt Ion:248 Resp: 28985

Ion Ratio Lower Upper

248 100

250 199.6 76.9 115.3#

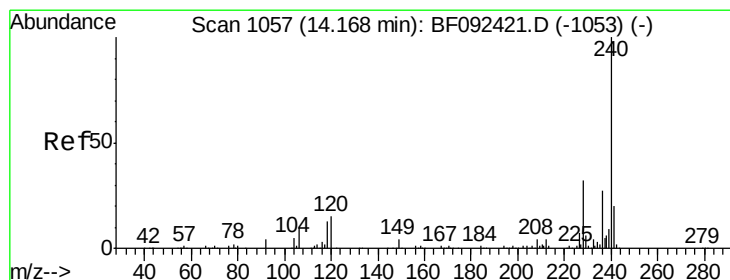
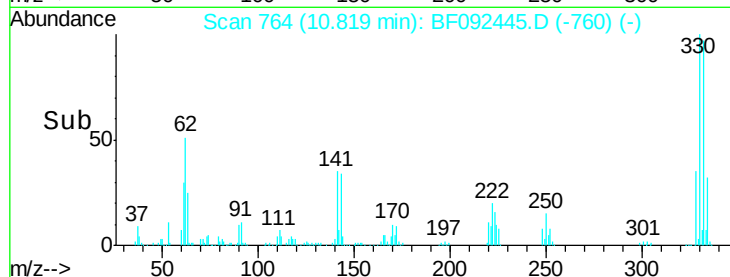
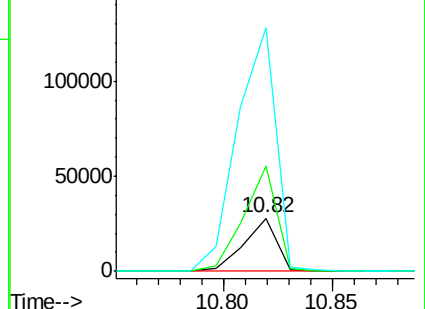
141 459.9 68.2 102.4#



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: 14.15 min Scan# 1055

Delta R.T. -0.02 min

Lab File: BF092445.D

Acq: 24 Jan 2017 22:46

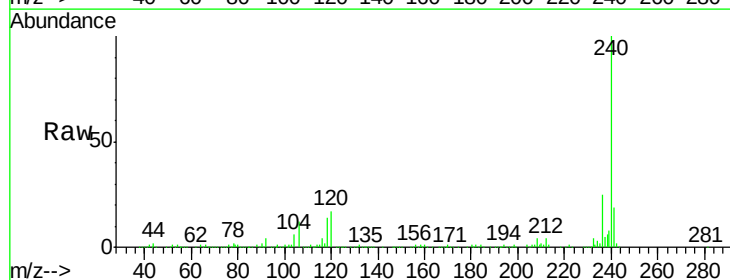
Tgt Ion:240 Resp: 412519

Ion Ratio Lower Upper

240 100

120 16.7 12.9 19.3

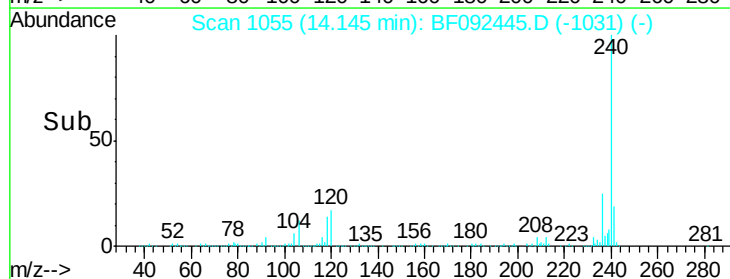
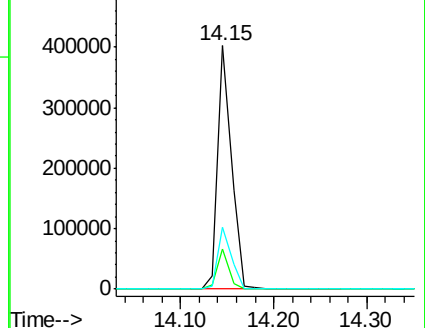
236 25.4 20.9 31.3

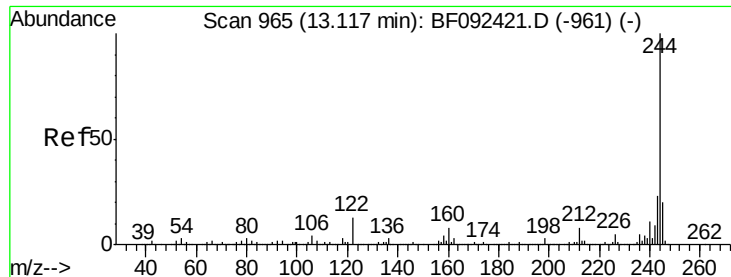


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

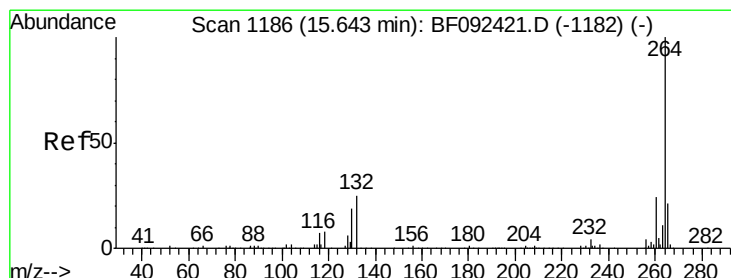
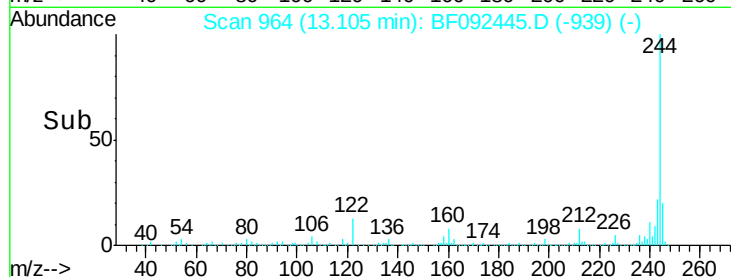
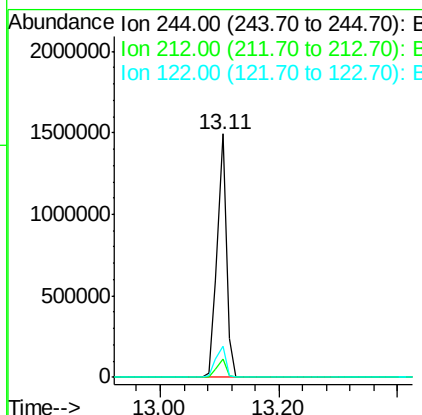
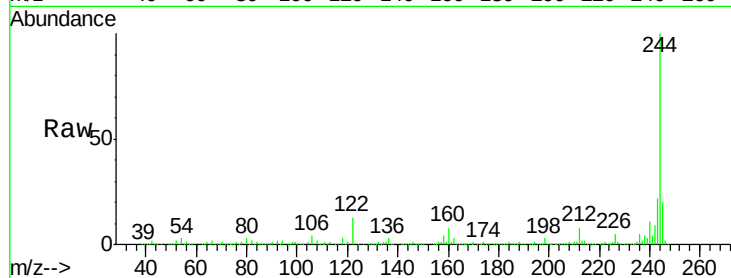




#78
 Terphenyl-d14
 Concen: 105.32 ng
 RT: 13.11 min Scan# 964
 Delta R.T. -0.01 min
 Lab File: BF092445.D
 Acq: 24 Jan 2017 22:46

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-01-001-B

Tgt Ion:244 Resp: 1631538
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.2 9.2
 122 12.8 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: BF092445.D
 Acq: 24 Jan 2017 22:46

Tgt Ion:264 Resp: 321186
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.2 28.8
 265 20.8 17.4 26.0

