

Data Path : Z:\HPCHEM1\BNA F\Data\BF021417\
 Data File : BF092938.D
 Acq On : 14 Feb 2017 12:37
 Operator : SJ/MA
 Sample : I1788-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 14 13:04:55 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 13 18:04:38 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	162550	20.00	ng	-0.01
21) Naphthalene-d8	8.16	136	611544	20.00	ng	-0.01
38) Acenaphthene-d10	9.92	164	356844	20.00	ng	-0.01
63) Phenanthrene-d10	11.39	188	558928	20.00	ng	-0.01
75) Chrysene-d12	14.03	240	468062	20.00	ng	-0.02
86) Perylene-d12	15.46	264	327461	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.48	112	747457	78.89	ng	0.00
7) Phenol-d6	6.51	99	565004	46.35	ng	-0.02
23) Nitrobenzene-d5	7.45	82	1214034	110.55	ng	-0.01
41) 2,4,6-Tribromophenol	10.70	330	337439	130.74	ng	-0.01
44) 2-Fluorobiphenyl	9.24	172	1984301	100.74	ng	0.00
78) Terphenyl-d14	12.98	244	1720433	86.37	ng	-0.01

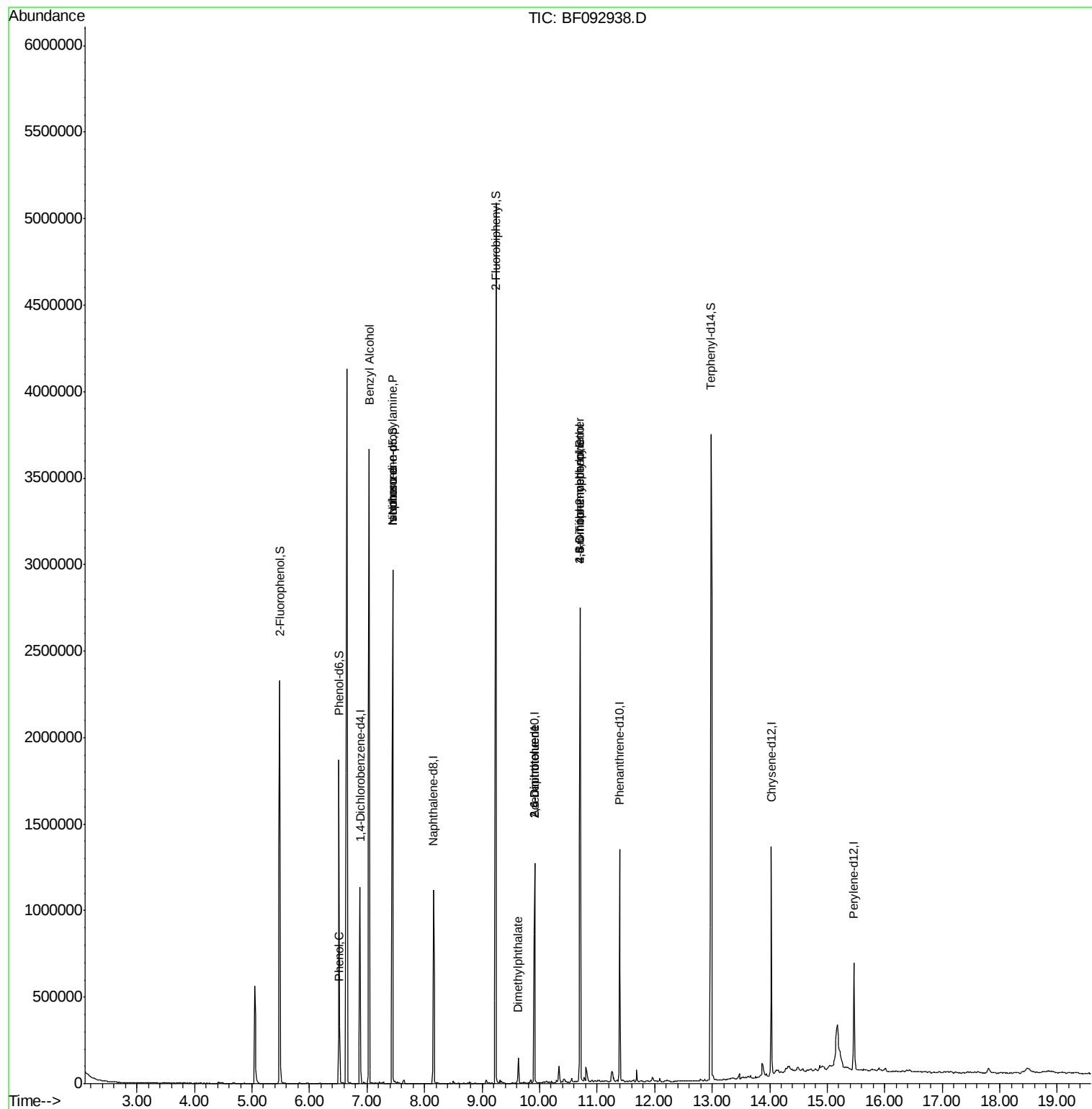
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.52	94	43811	3.07	ng	# 74
15) Benzyl Alcohol	7.04	79	18348	2.03	ng	# 26
19) n-Nitroso-di-n-propylamine	7.45	70	160610	20.70	ng	# 79
25) Isophorone	7.45	82	1150611	56.23	ng	# 65
49) Dimethylphthalate	9.63	163	55757	2.32	ng	100
50) 2,6-Dinitrotoluene	9.92	165	45919	8.85	ng	# 30
56) 2,4-Dinitrotoluene	9.92	165	45922	6.65	ng	# 19
64) 4,6-Dinitro-2-methylphenol	10.70	198	983	2.94	ng	# 1
66) 4-Bromophenyl-phenylether	10.70	248	25695	4.40	ng	# 1

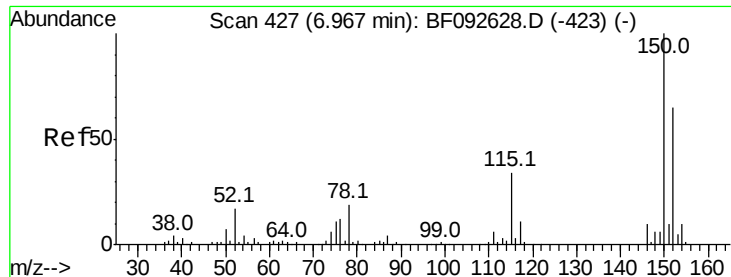
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.88 min Scan# 419

Delta R.T. -0.01 min

Lab File: BF092938.D

Acq: 14 Feb 2017 12:37

Instrument :

BNA_F

ClientSampleId :

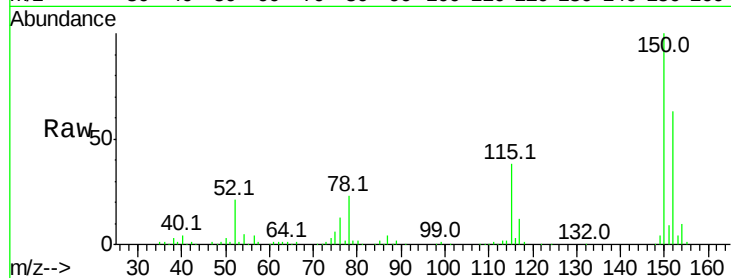
Tot Ion:152 Resp: 162550

Ion Ratio Lower Upper

152 100

150 158.1 124.9 187.3

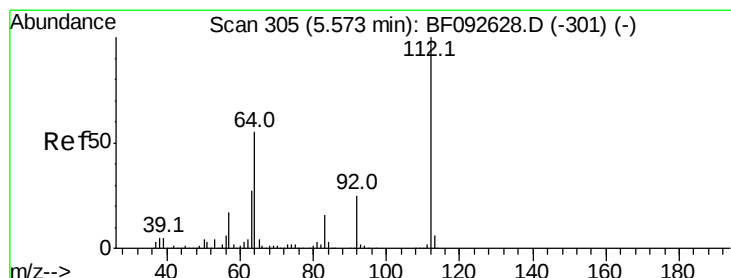
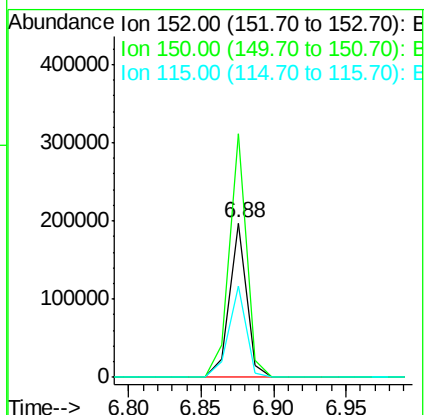
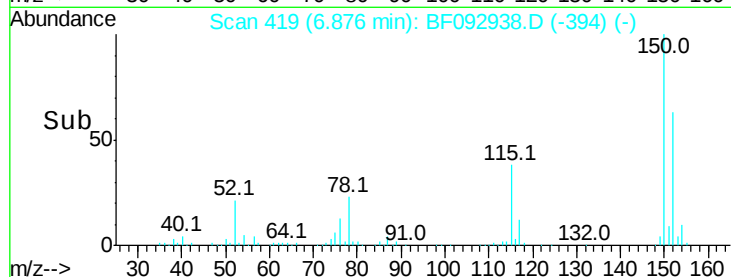
115 59.3 46.0 69.0



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: 78.89 ng

RT: 5.48 min Scan# 297

Delta R.T. -0.00 min

Lab File: BF092938.D

Acq: 14 Feb 2017 12:37

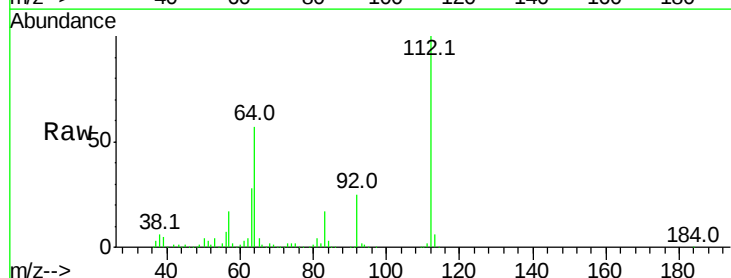
Tgt Ion:112 Resp: 747457

Ion Ratio Lower Upper

112 100

64 57.3 46.1 69.1

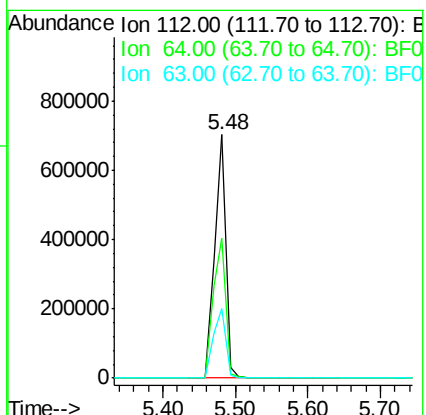
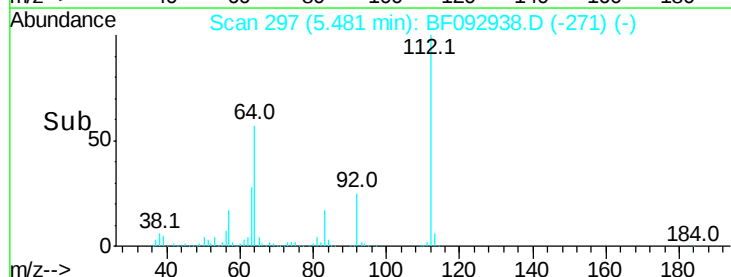
63 28.4 23.8 35.6

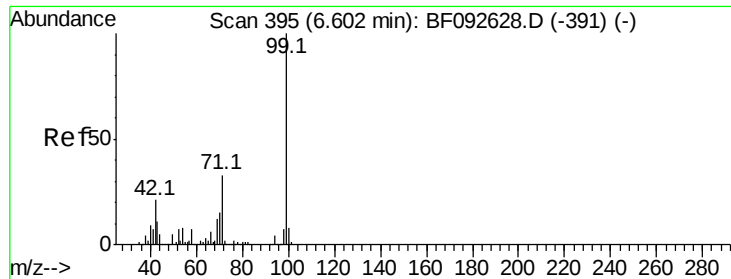


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 46.35 ng

RT: 6.51 min Scan# 387

Delta R.T. -0.02 min

Lab File: BF092938.D

Acq: 14 Feb 2017 12:37

Instrument :

BNA_F

ClientSampleId :

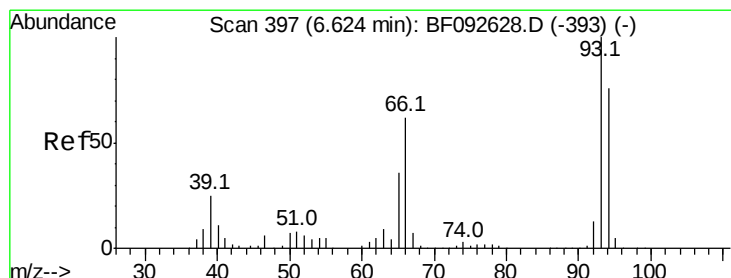
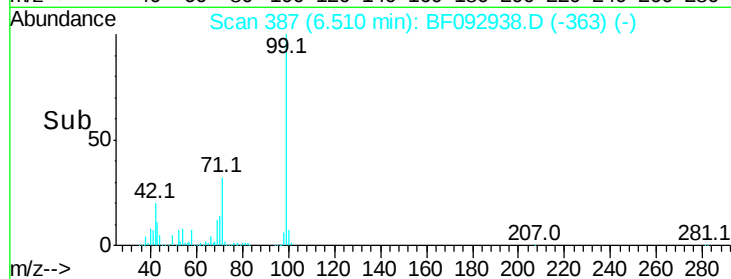
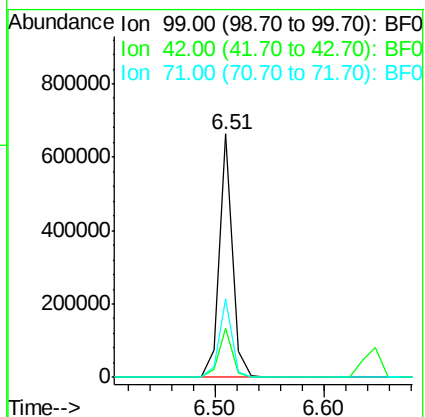
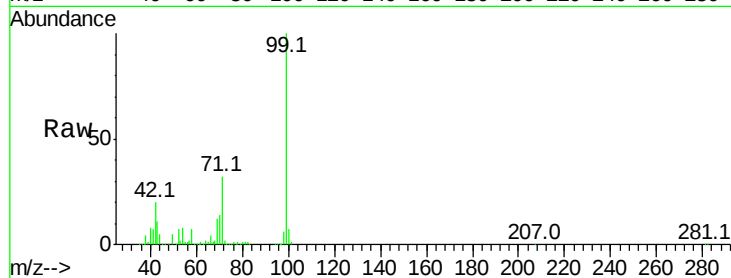
Tot Ion: 99 Resp: 565004

Ion Ratio Lower Upper

99 100

42 20.0 15.6 23.4

71 32.3 27.5 41.3



#10

Phenol

Concen: 3.07 ng

RT: 6.52 min Scan# 388

Delta R.T. -0.02 min

Lab File: BF092938.D

Acq: 14 Feb 2017 12:37

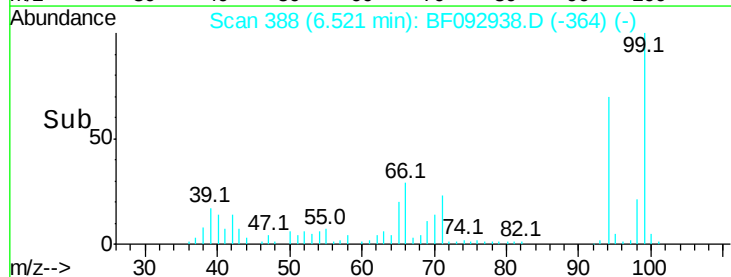
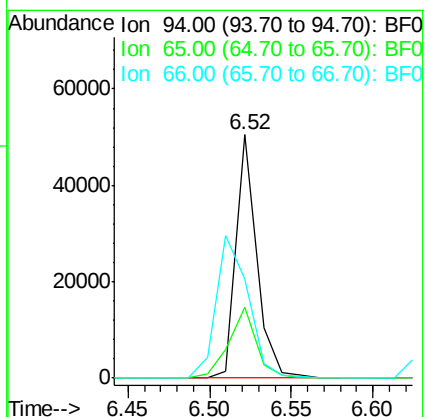
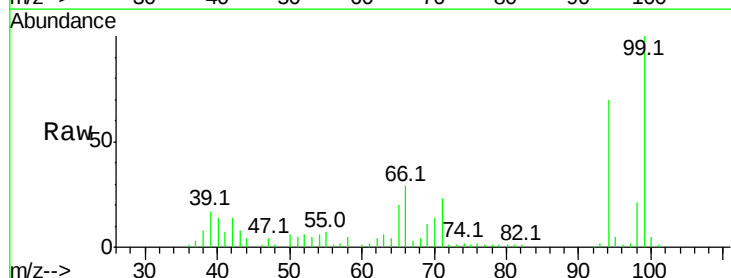
Tgt Ion: 94 Resp: 43811

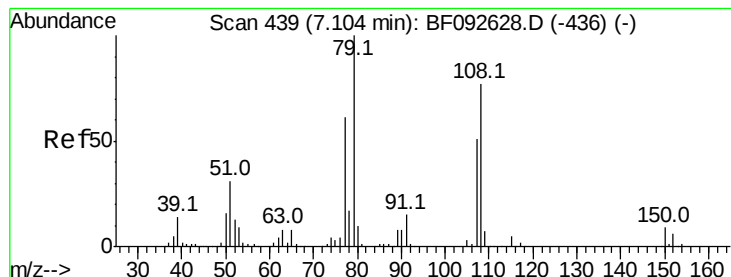
Ion Ratio Lower Upper

94 100

65 29.0 21.4 61.4

66 40.8 44.0 84.0#





#15

Benzyl Alcohol

Concen: 2.03 ng

RT: 7.04 min Scan# 433

Delta R.T. -0.00 min

Lab File: BF092938.D

Acq: 14 Feb 2017 12:37

Instrument :

BNA_F

ClientSampleId :

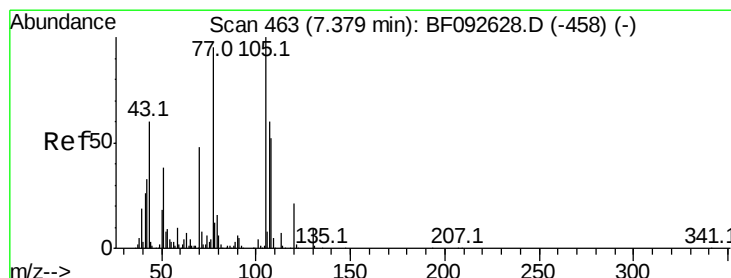
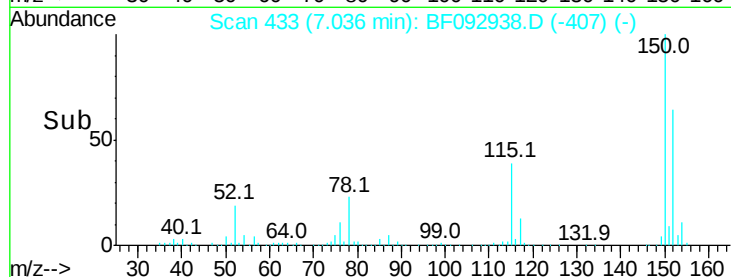
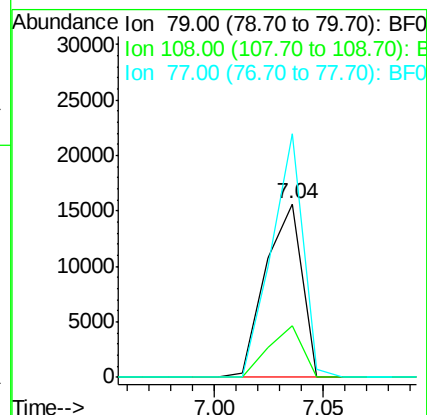
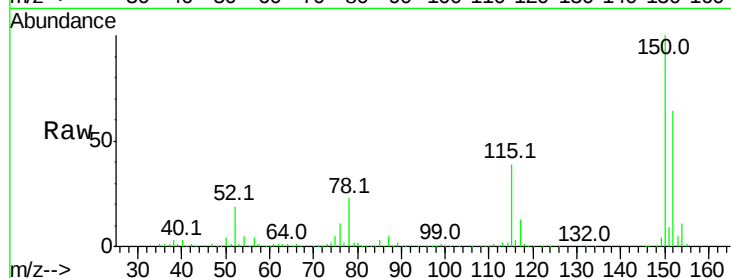
Tot Ion: 79 Resp: 18348

Ion Ratio Lower Upper

79 100

108 30.0 61.4 92.0#

77 140.1 50.9 76.3#



#19

n-Nitroso-di-n-propylamine

Concen: 20.70 ng

RT: 7.45 min Scan# 469

Delta R.T. 0.14 min

Lab File: BF092938.D

Acq: 14 Feb 2017 12:37

Tgt Ion: 70 Resp: 160610

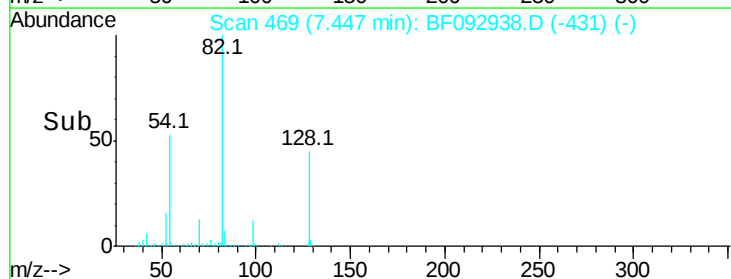
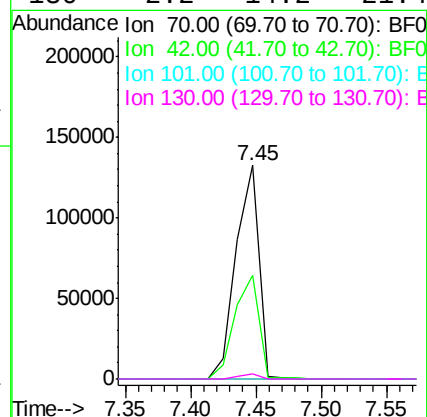
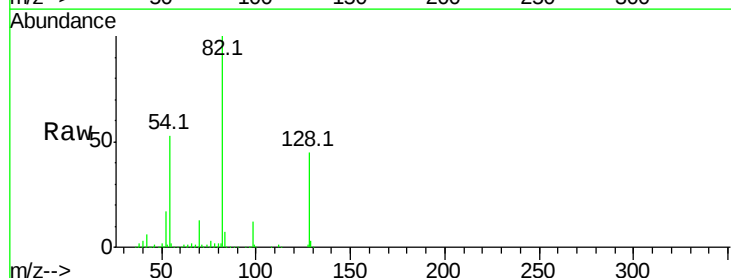
Ion Ratio Lower Upper

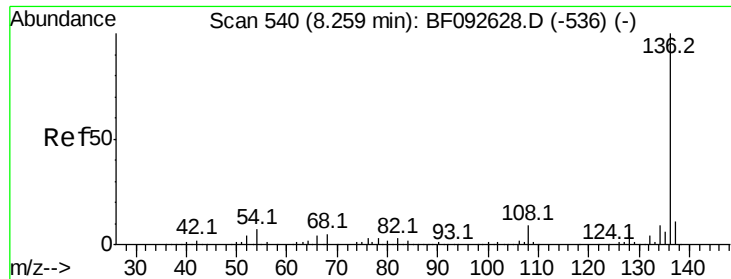
70 100

42 48.7 49.4 74.0#

101 0.0 7.4 11.2#

130 2.2 14.2 21.4#

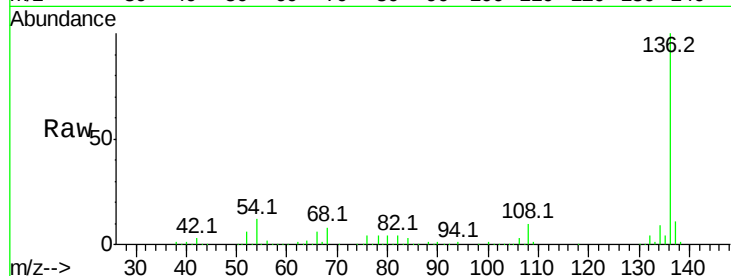




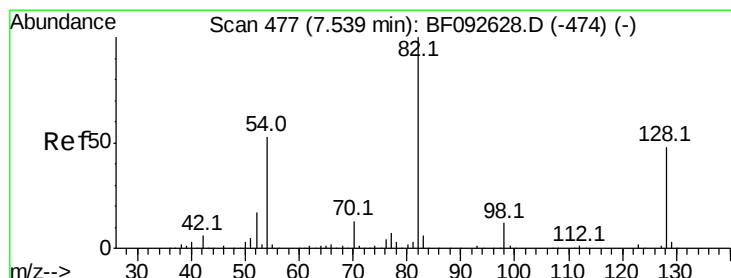
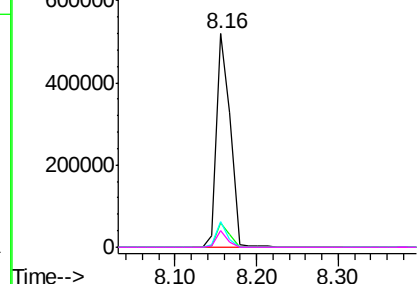
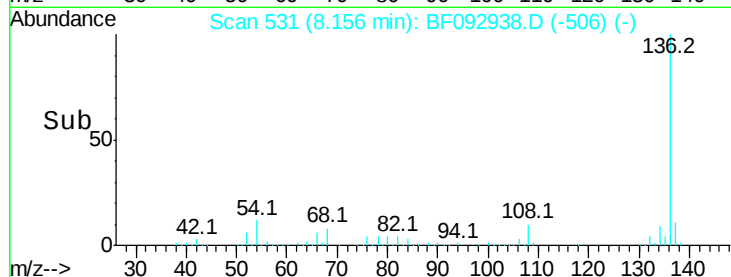
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.16 min Scan# 531
Delta R.T. -0.01 min
Lab File: BF092938.D
Acq: 14 Feb 2017 12:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	611544
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.4	12.6
54	12.0	4.5	6.7#
68	8.0	3.6	5.4#

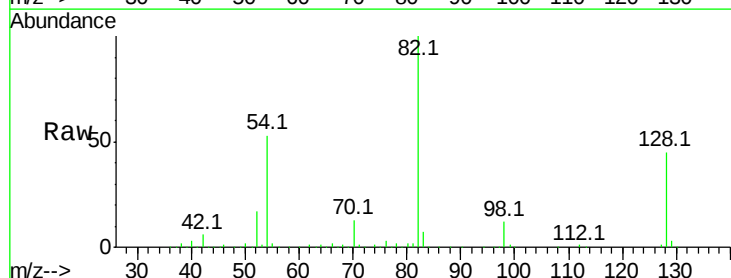


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

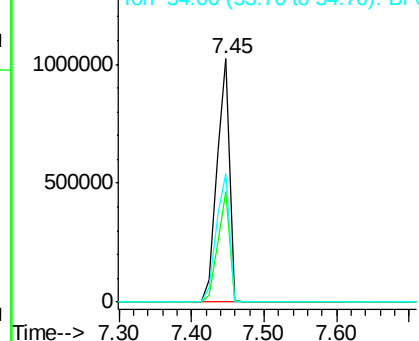
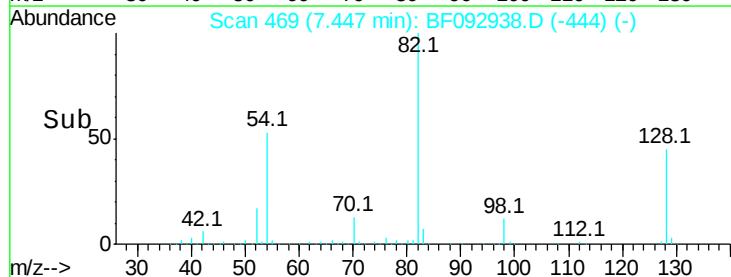


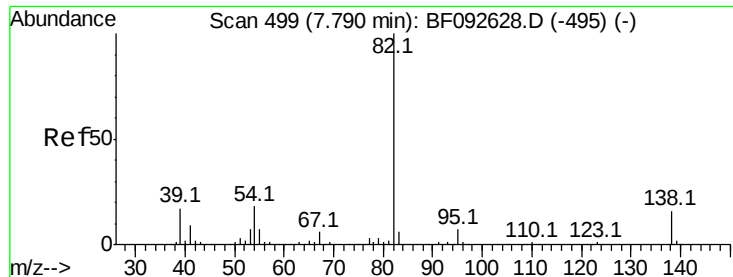
#23
Nitrobenzene-d5
Concen: 110.55 ng
RT: 7.45 min Scan# 469
Delta R.T. -0.01 min
Lab File: BF092938.D
Acq: 14 Feb 2017 12:37

Tgt Ion:	82	Resp:	1214034
Ion	Ratio	Lower	Upper
82	100		
128	45.3	34.6	52.0
54	52.9	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

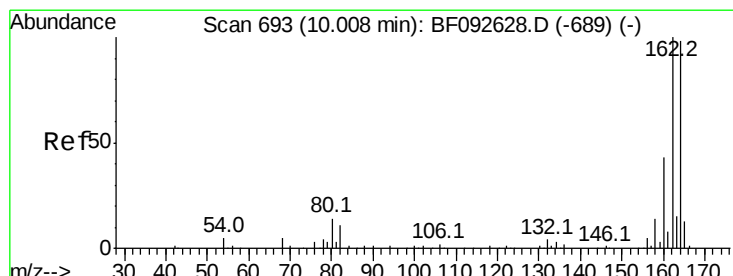
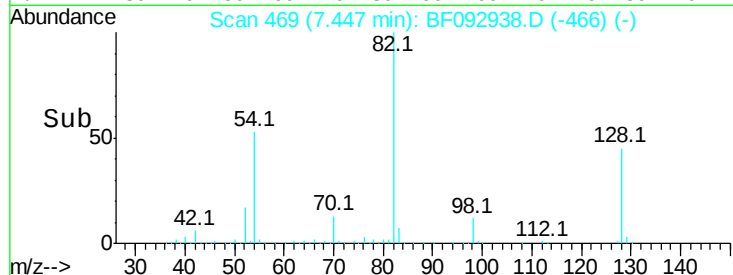
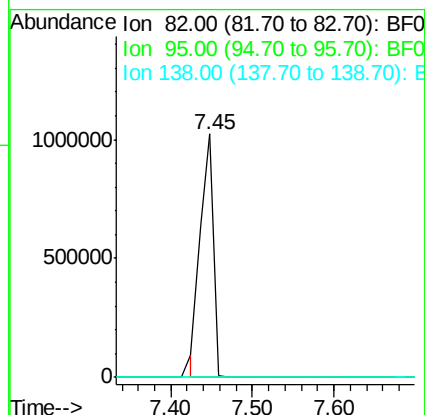
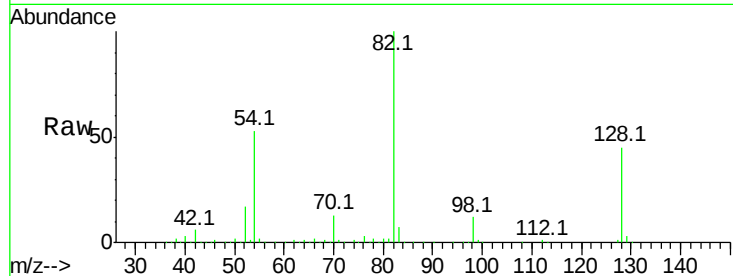




#25
Isophorone
Concen: 56.23 ng
RT: 7.45 min Scan# 469
Delta R.T. -0.26 min
Lab File: BF092938.D
Acq: 14 Feb 2017 12:37

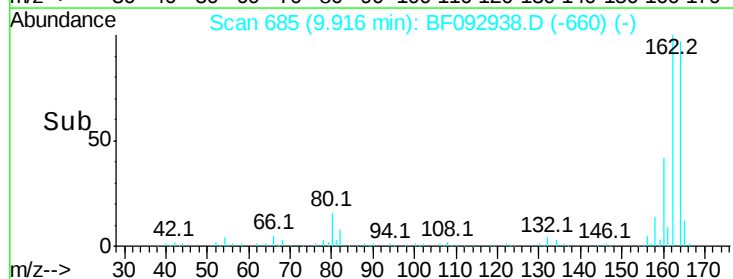
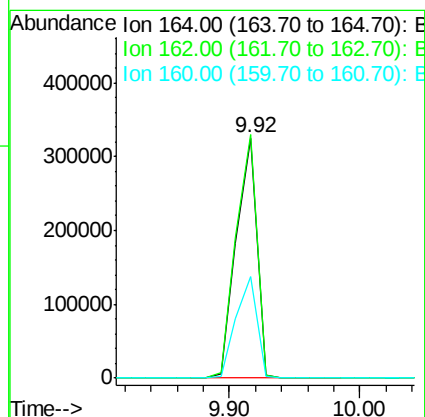
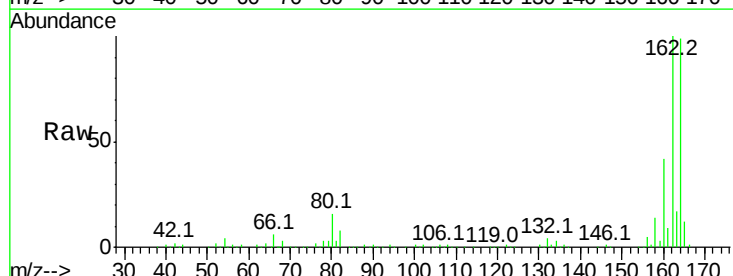
Instrument :
BNA_F
ClientSampled :

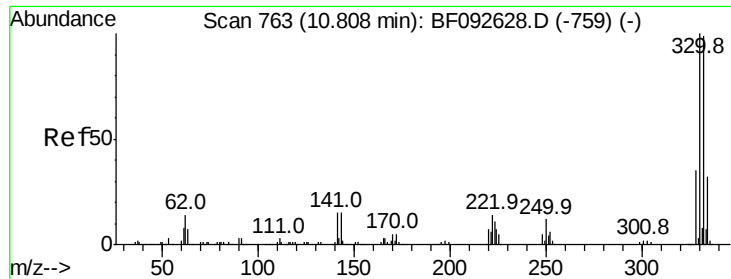
Tot Ion: 82 Resp: 1150611
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 14.6 22.0#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.92 min Scan# 685
Delta R.T. -0.01 min
Lab File: BF092938.D
Acq: 14 Feb 2017 12:37

Tgt Ion:164 Resp: 356844
Ion Ratio Lower Upper
164 100
162 101.3 80.2 120.2
160 42.3 36.9 55.3

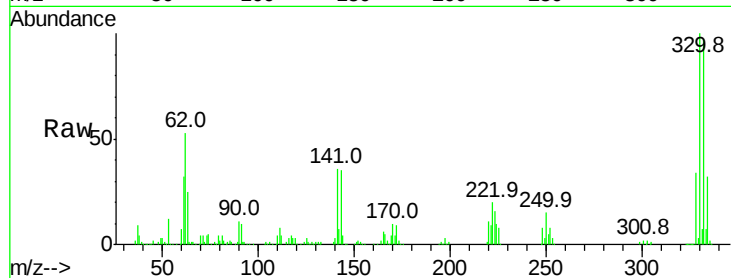




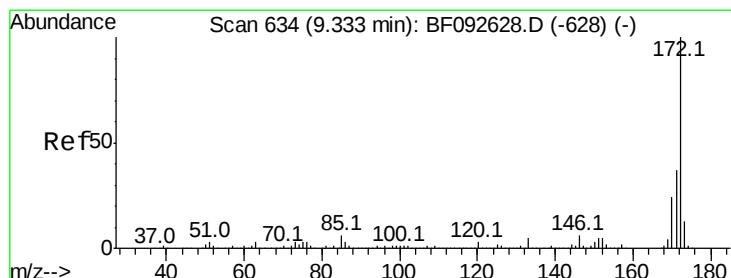
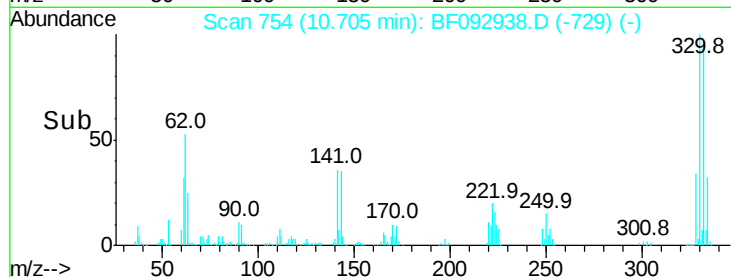
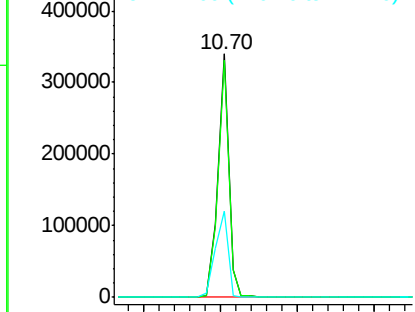
#41
 2,4,6-Tribromophenol
 Concen: 130.74 ng
 RT: 10.70 min Scan# 754
 Delta R.T. -0.01 min
 Lab File: BF092938.D
 Acq: 14 Feb 2017 12:37

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 337439
 Ion Ratio Lower Upper
 330 100
 332 97.5 77.4 116.2
 141 40.4 34.1 51.1

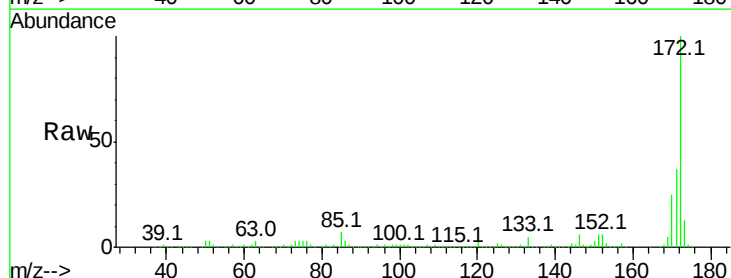


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

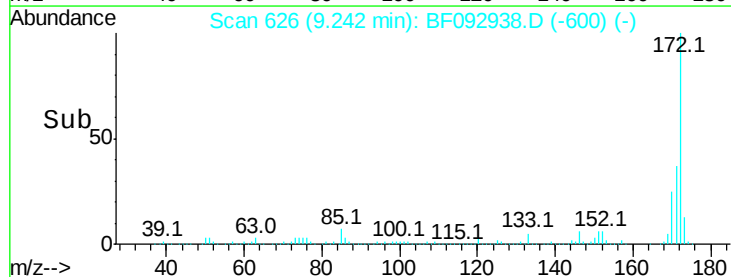
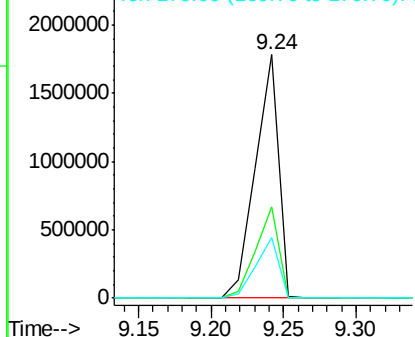


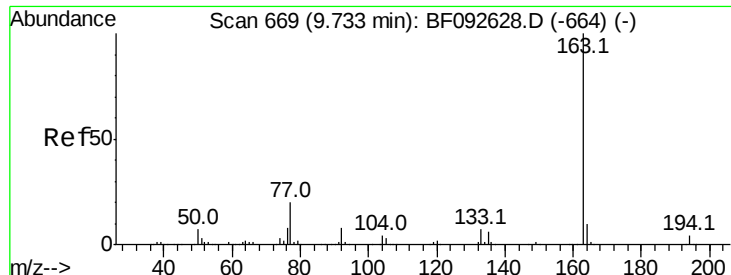
#44
 2-Fluorobiphenyl
 Concen: 100.74 ng
 RT: 9.24 min Scan# 626
 Delta R.T. -0.00 min
 Lab File: BF092938.D
 Acq: 14 Feb 2017 12:37

Tgt Ion:172 Resp: 1984301
 Ion Ratio Lower Upper
 172 100
 171 37.3 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: 2.32 ng

RT: 9.63 min Scan# 660

Delta R.T. -0.02 min

Lab File: BF092938.D

Acq: 14 Feb 2017 12:37

Instrument :

BNA_F

ClientSampled :

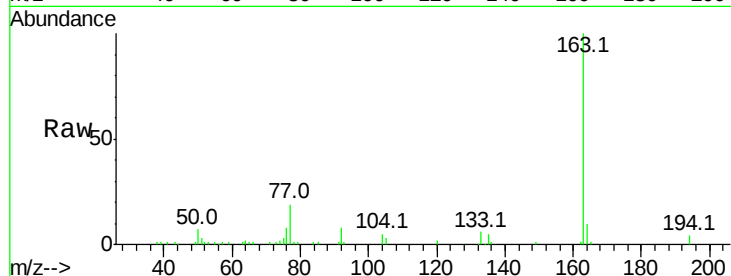
Tot Ion:163 Resp: 55757

Ion Ratio Lower Upper

163 100

194 3.7 3.0 4.4

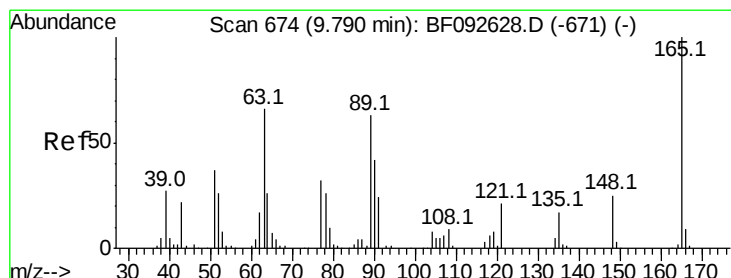
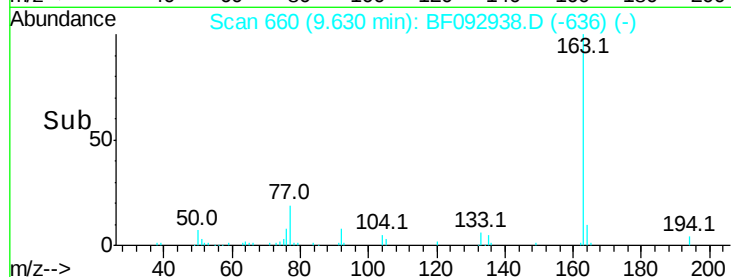
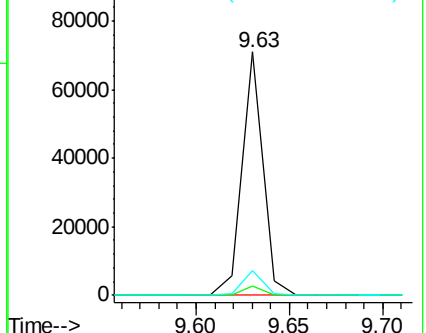
164 10.1 8.0 12.0



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: 8.85 ng

RT: 9.92 min Scan# 685

Delta R.T. 0.21 min

Lab File: BF092938.D

Acq: 14 Feb 2017 12:37

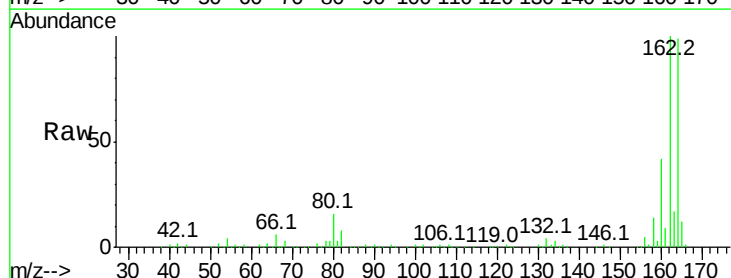
Tgt Ion:165 Resp: 45919

Ion Ratio Lower Upper

165 100

63 0.8 36.2 54.4#

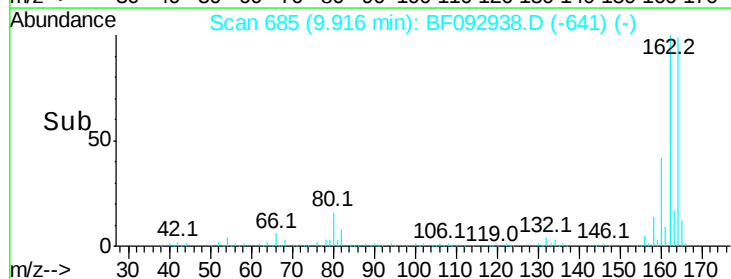
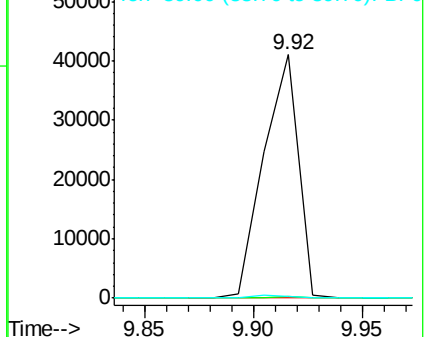
89 0.8 40.2 60.4#

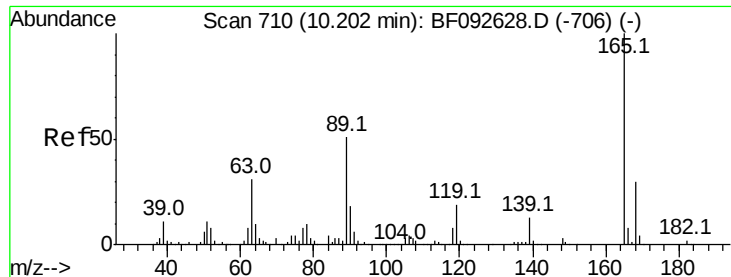


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

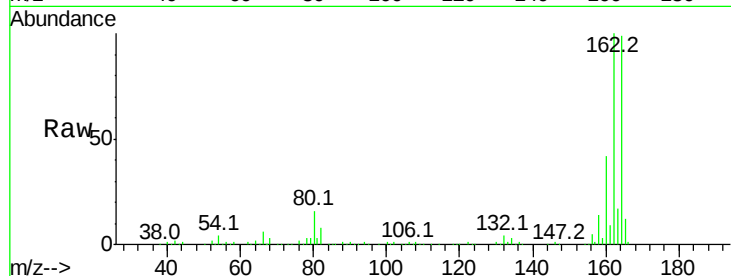




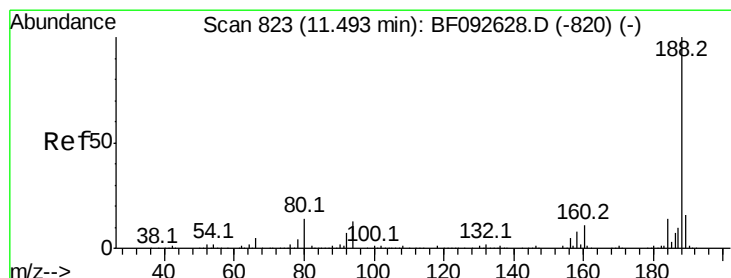
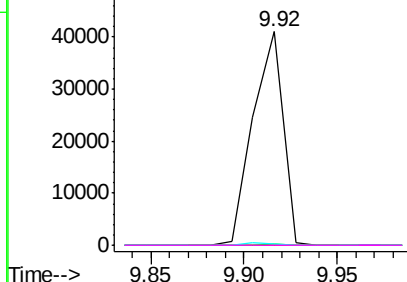
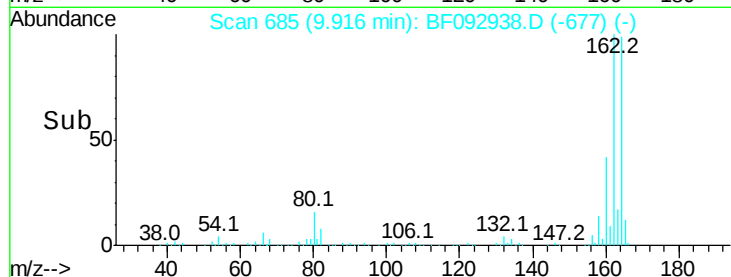
#56
 2,4-Dinitrotoluene
 Concen: 6.65 ng
 RT: 9.92 min Scan# 685
 Delta R.T. -0.21 min
 Lab File: BF092938.D
 Acq: 14 Feb 2017 12:37

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 45922
 Ion Ratio Lower Upper
 165 100
 63 0.8 40.2 60.4#
 89 0.8 62.5 93.7#
 182 0.0 1.8 2.8#

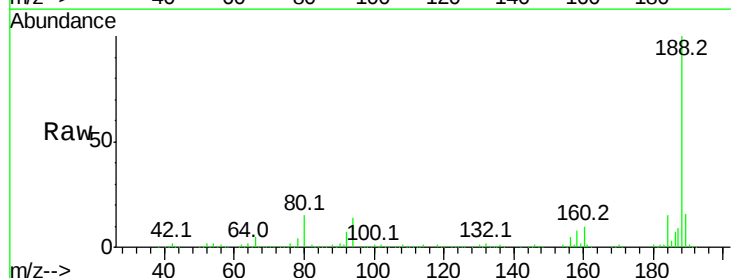


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

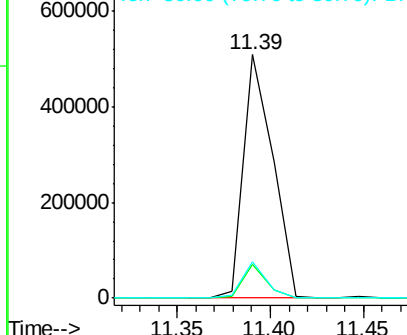
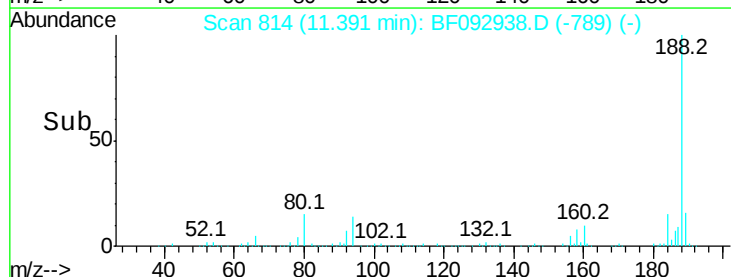


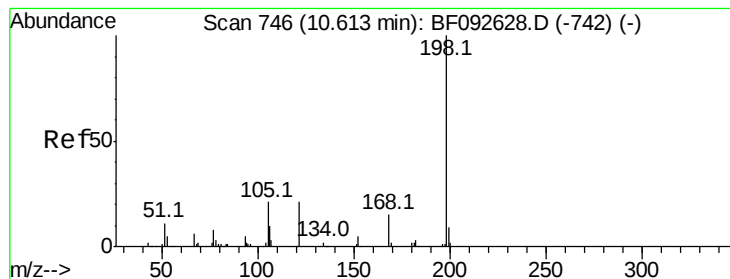
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.39 min Scan# 814
 Delta R.T. -0.01 min
 Lab File: BF092938.D
 Acq: 14 Feb 2017 12:37

Tgt Ion:188 Resp: 558928
 Ion Ratio Lower Upper
 188 100
 94 13.8 10.0 15.0
 80 15.0 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: 2.94 ng

RT: 10.70 min Scan# 754

Delta R.T. 0.17 min

Lab File: BF092938.D

Acq: 14 Feb 2017 12:37

Instrument :

BNA_F

ClientSampleId :

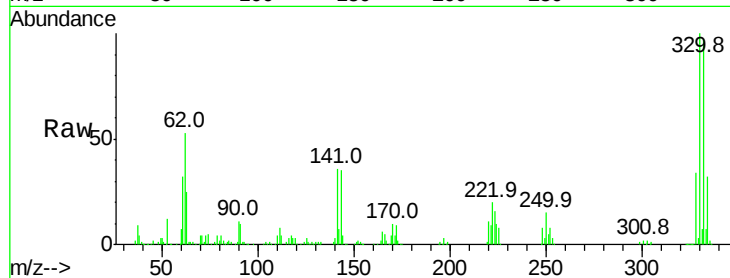
Tot Ion:198 Resp: 983

Ion Ratio Lower Upper

198 100

51 171.0 6.7 46.7#

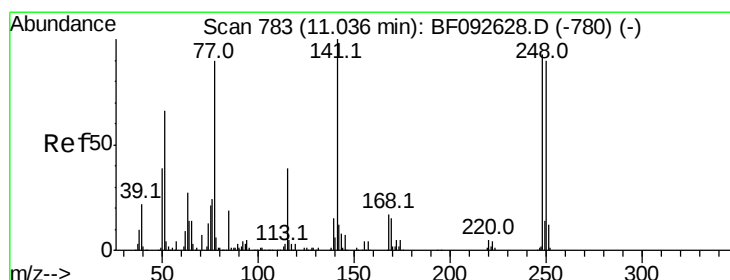
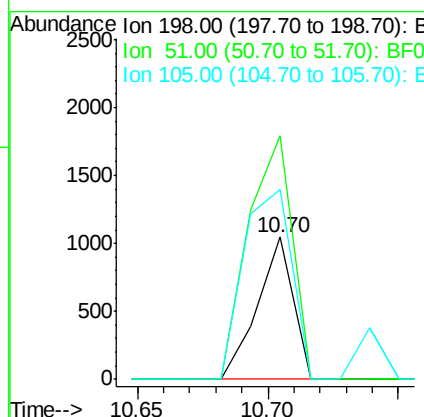
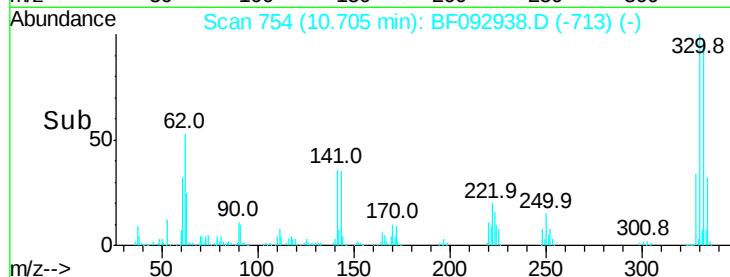
105 133.7 16.6 56.6#



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: 4.40 ng

RT: 10.70 min Scan# 754

Delta R.T. -0.25 min

Lab File: BF092938.D

Acq: 14 Feb 2017 12:37

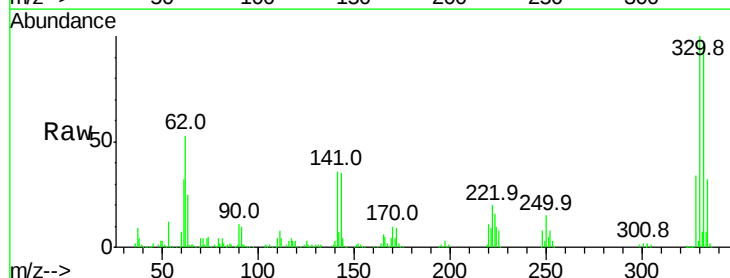
Tgt Ion:248 Resp: 25695

Ion Ratio Lower Upper

248 100

250 196.9 76.9 115.3#

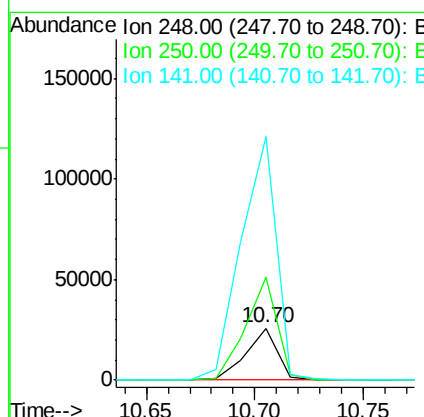
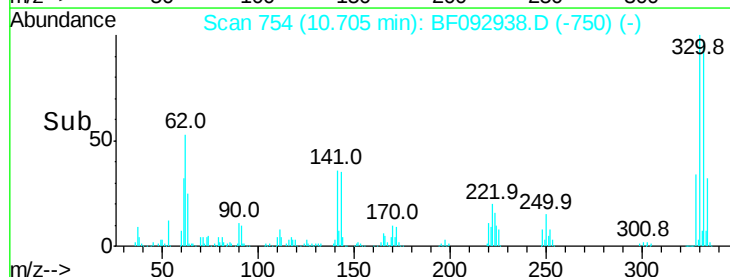
141 468.4 68.2 102.4#

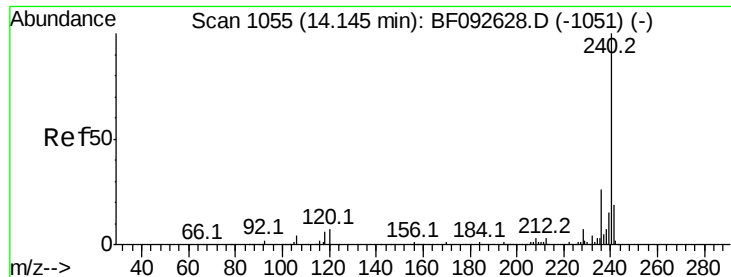


Abundance Ion 248.00 (247.70 to 248.70): E

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: 14.03 min Scan# 1045

Delta R.T. -0.02 min

Lab File: BF092938.D

Acq: 14 Feb 2017 12:37

Instrument :

BNA_F

ClientSampleId :

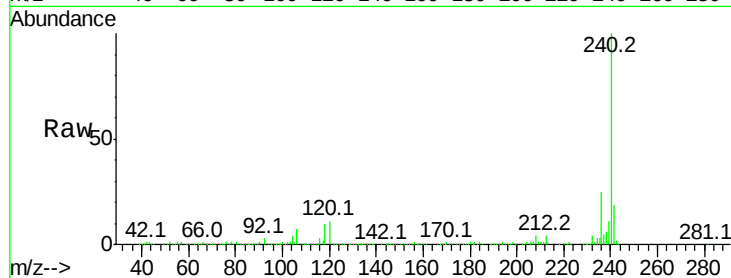
Tot Ion:240 Resp: 468062

Ion Ratio Lower Upper

240 100

120 11.0 12.9 19.3#

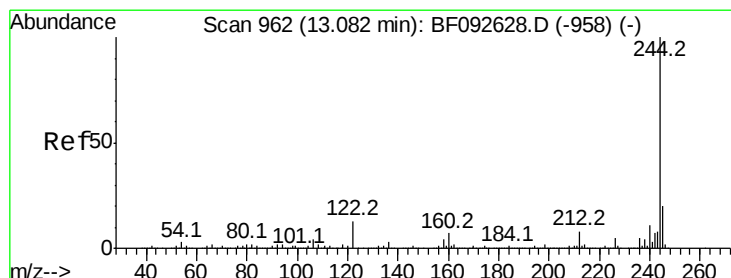
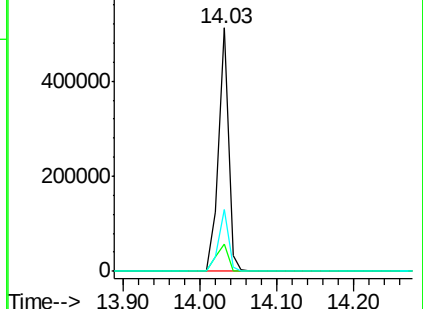
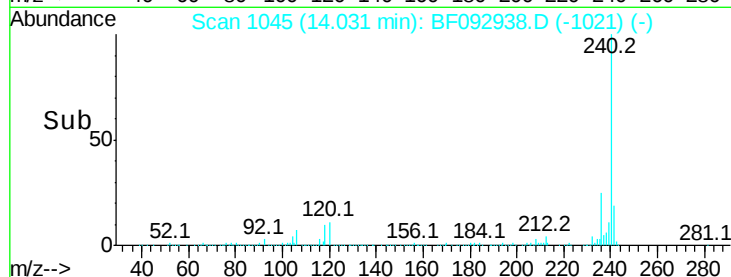
236 25.5 20.9 31.3



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: 86.37 ng

RT: 12.98 min Scan# 953

Delta R.T. -0.01 min

Lab File: BF092938.D

Acq: 14 Feb 2017 12:37

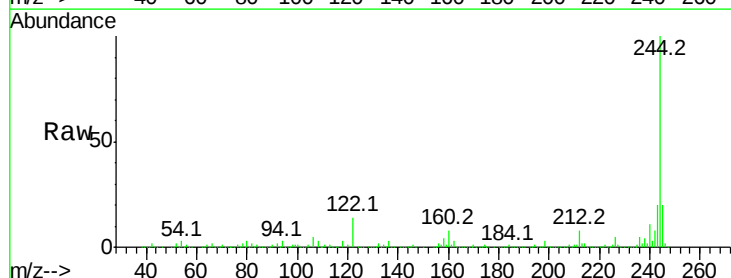
Tgt Ion:244 Resp: 1720433

Ion Ratio Lower Upper

244 100

212 7.7 6.2 9.2

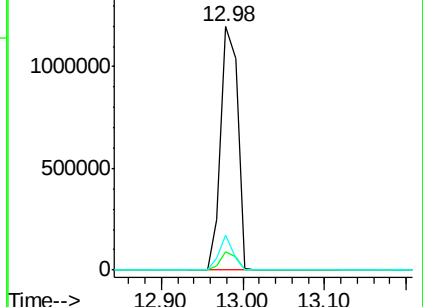
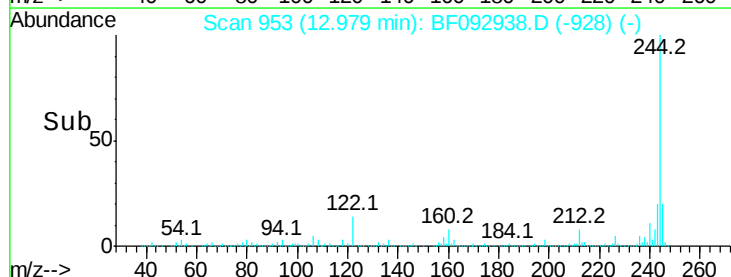
122 14.2 11.4 17.2

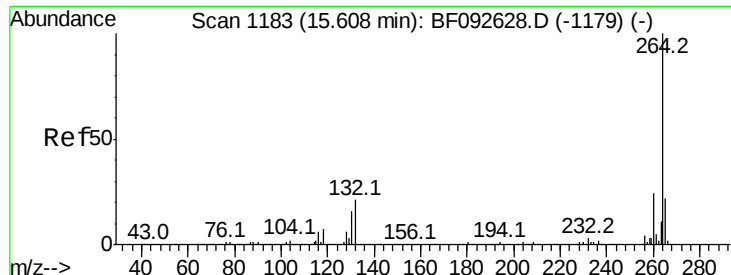


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

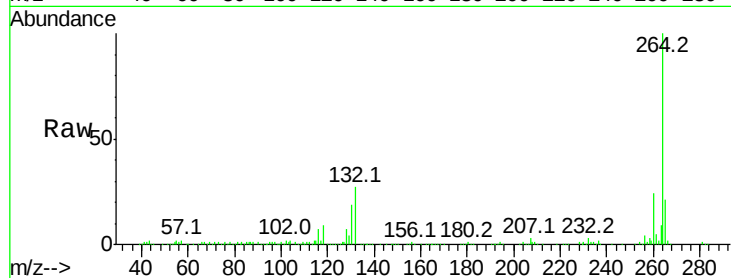




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.46 min Scan# 1170
Delta R.T. -0.02 min
Lab File: BF092938.D
Acq: 14 Feb 2017 12:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	20.6	17.4	26.0



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

