

Data Path : Z:\HPCHEM1\BNA F\Data\BF020217\
 Data File : BF092775.D
 Acq On : 3 Feb 2017 12:58
 Operator : SJ/MA
 Sample : I1378-06
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 03 13:34:36 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

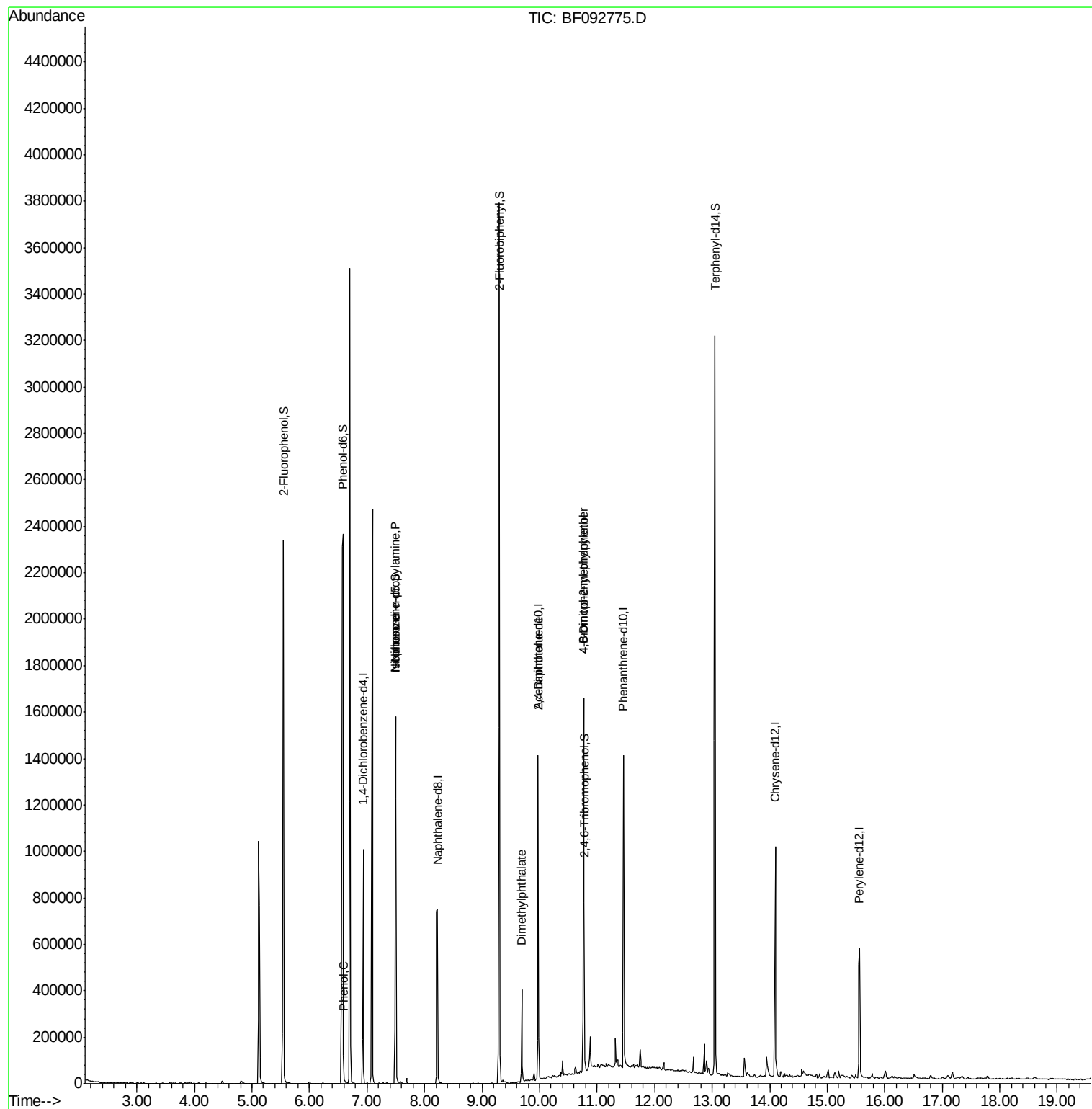
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	144998	20.00	ng	-0.03
21) Naphthalene-d8	8.22	136	545158	20.00	ng	-0.03
38) Acenaphthene-d10	9.97	164	293161	20.00	ng	-0.03
63) Phenanthrene-d10	11.46	188	476960	20.00	ng	-0.03
75) Chrysene-d12	14.10	240	366896	20.00	ng	-0.05
86) Perylene-d12	15.56	264	302968	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	973576	115.19	ng	-0.02
7) Phenol-d6	6.58	99	1257498	115.64	ng	-0.02
23) Nitrobenzene-d5	7.49	82	732384	74.81	ng	-0.05
41) 2,4,6-Tribromophenol	10.77	330	226771	106.95	ng	-0.03
44) 2-Fluorobiphenyl	9.30	172	1332132	82.32	ng	-0.03
78) Terphenyl-d14	13.05	244	1063592	68.11	ng	-0.03
Target Compounds						
10) Phenol	6.59	94	48411	3.81	ng	# 60
19) n-Nitroso-di-n-propylamine	7.49	70	92838	13.41	ng	# 83
25) Isophorone	7.49	82	679881	37.27	ng	# 65
49) Dimethylphthalate	9.69	163	165257	8.37	ng	# 99
56) 2,4-Dinitrotoluene	9.97	165	38229	6.73	ng	# 19
64) 4,6-Dinitro-2-methylphenol	10.76	198	357	2.79	ng	# 1
66) 4-Bromophenyl-phenylether	10.76	248	15635	3.14	ng	# 1

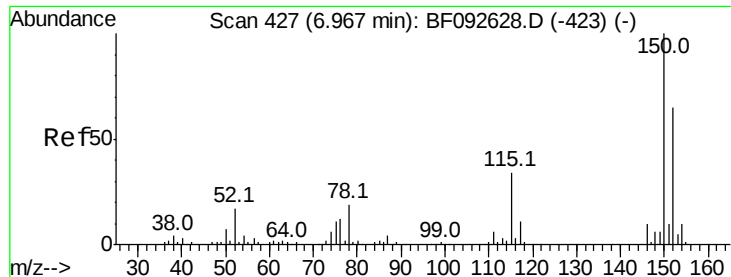
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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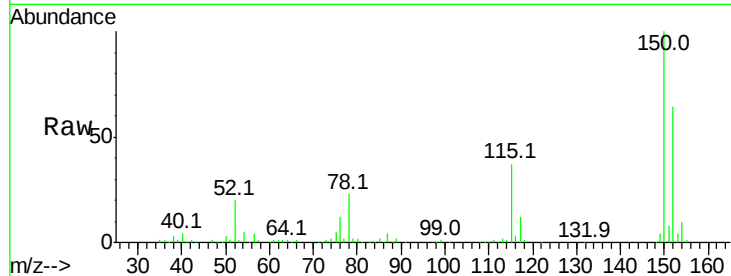


#1

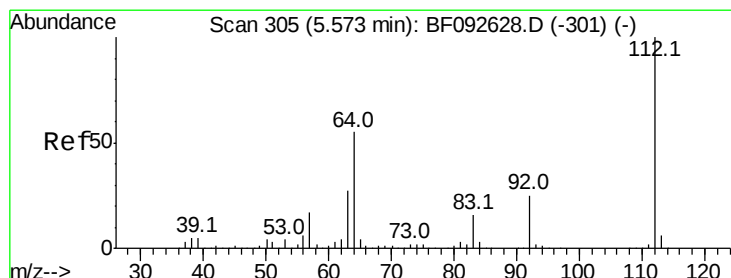
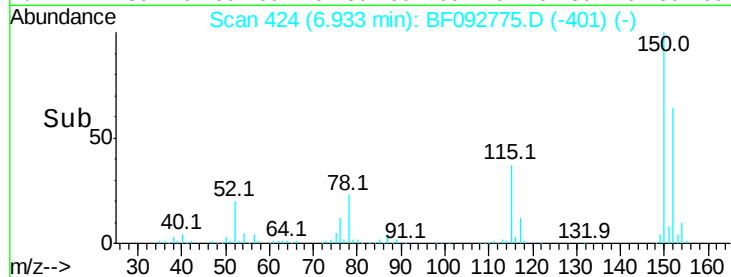
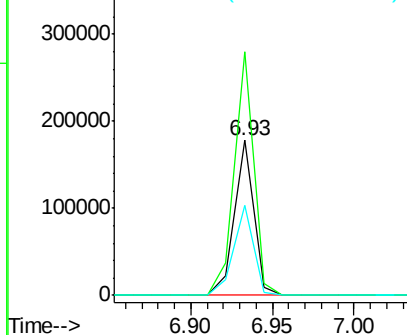
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.93 min Scan# 424
Delta R.T. -0.03 min
Lab File: BF092775.D
Acq: 3 Feb 2017 12:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 144998
Ion Ratio Lower Upper
152 100
150 157.2 124.9 187.3
115 58.4 46.0 69.0



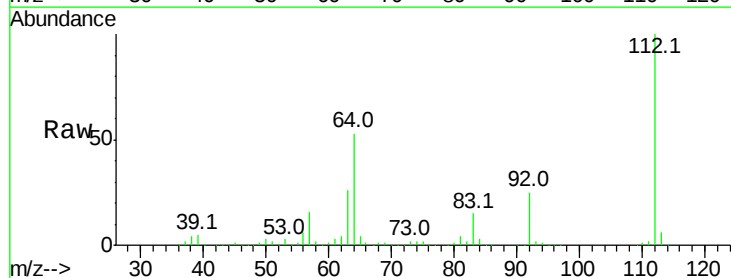
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



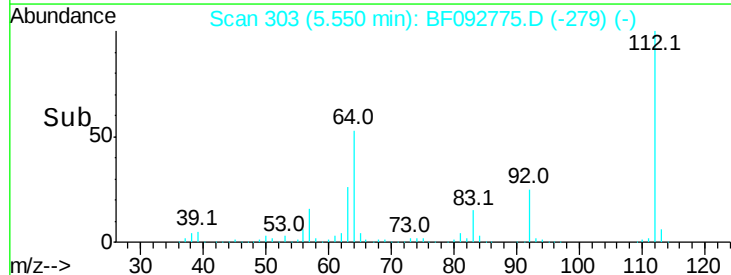
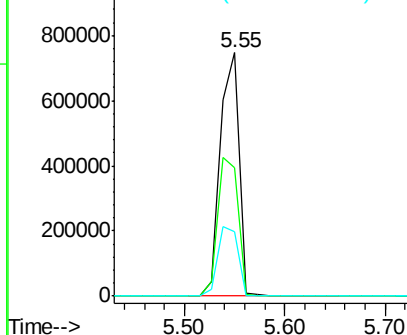
#5

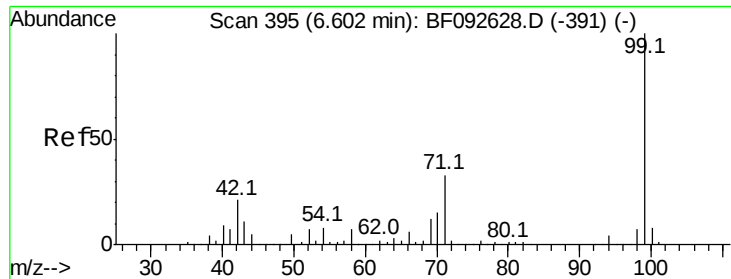
2-Fluorophenol
Concen: 115.19 ng
RT: 5.55 min Scan# 303
Delta R.T. -0.02 min
Lab File: BF092775.D
Acq: 3 Feb 2017 12:58

Tgt Ion:112 Resp: 973576
Ion Ratio Lower Upper
112 100
64 52.8 46.1 69.1
63 26.3 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: 115.64 ng

RT: 6.58 min Scan# 393

Delta R.T. -0.02 min

Lab File: BF092775.D

Acq: 3 Feb 2017 12:58

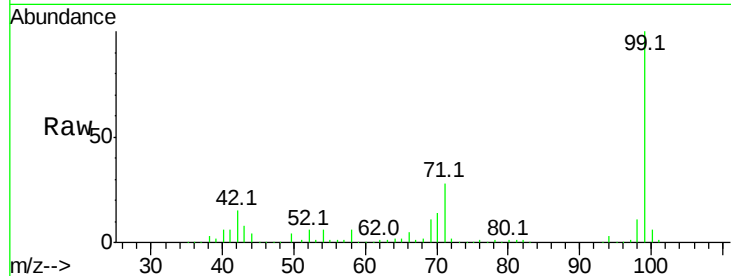
Instrument :

BNA_F

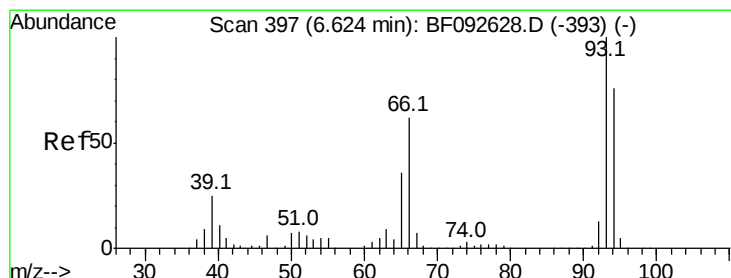
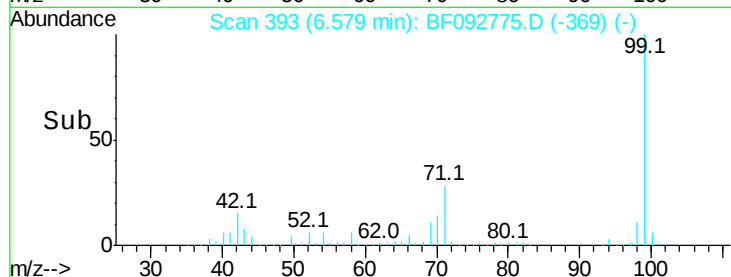
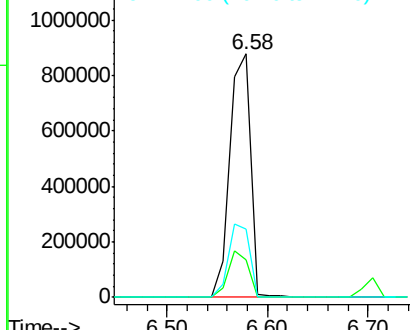
ClientSampled :

Tot Ion: 99 Resp: 1257498

Ion	Ratio	Lower	Upper
99	100		
42	15.3	15.6	23.4#
71	28.0	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: 3.81 ng

RT: 6.59 min Scan# 394

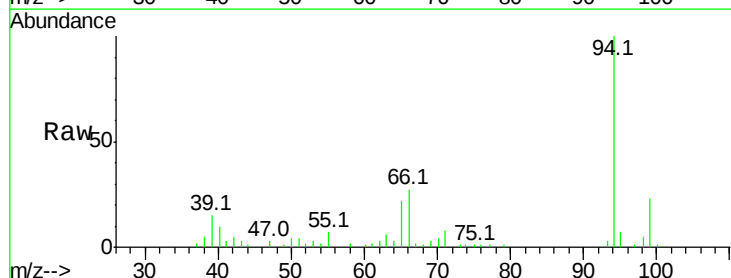
Delta R.T. -0.03 min

Lab File: BF092775.D

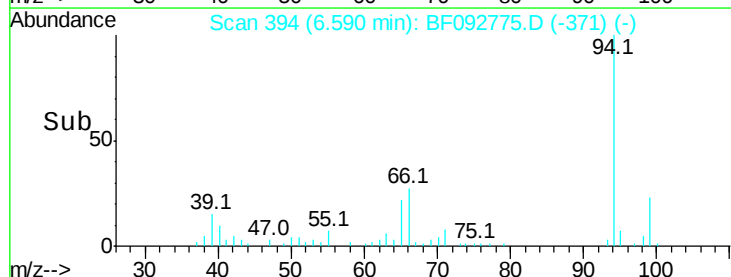
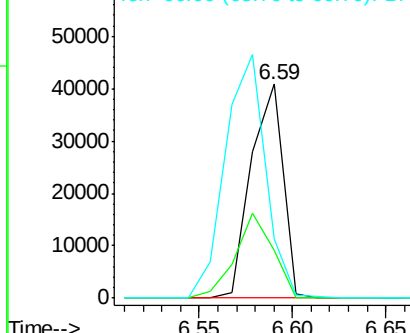
Acq: 3 Feb 2017 12:58

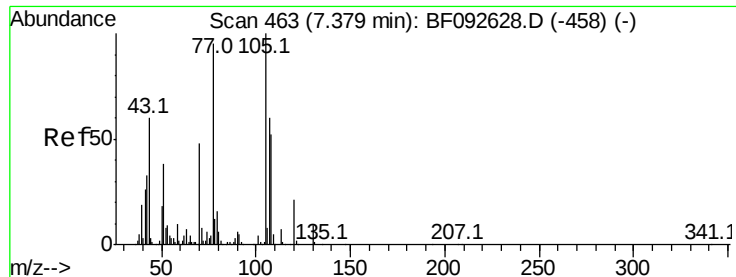
Tgt Ion: 94 Resp: 48411

Ion	Ratio	Lower	Upper
94	100		
65	22.2	21.4	61.4
66	27.5	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: 13.41 ng

RT: 7.49 min Scan# 473

Delta R.T. 0.11 min

Lab File: BF092775.D

Acq: 3 Feb 2017 12:58

Instrument :

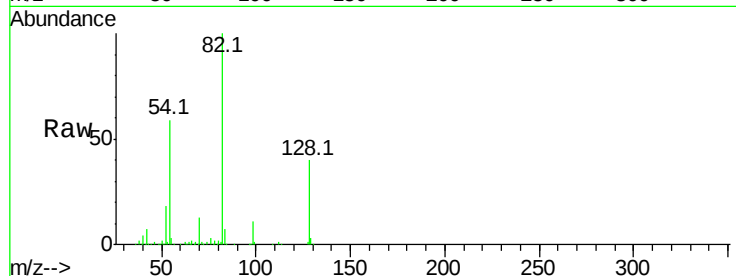
BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 92838

Ion Ratio Lower Upper

70	100		
42	54.4	49.4	74.0
101	0.0	7.4	11.2
130	1.8	14.2	21.4

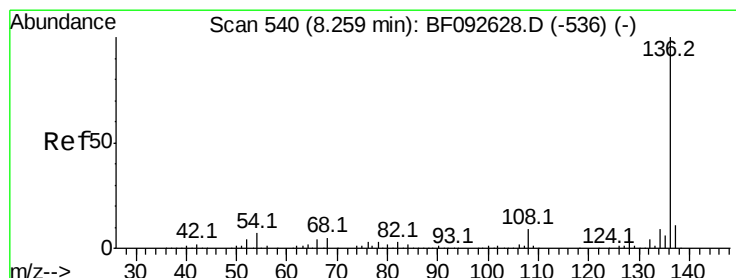
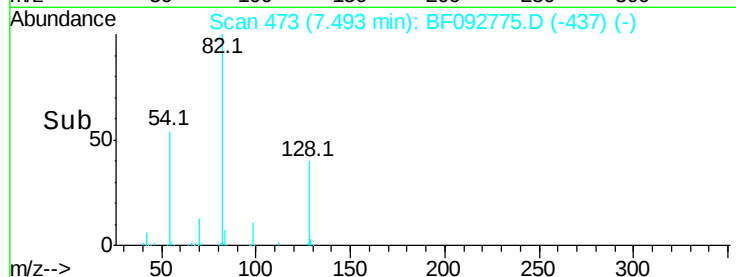
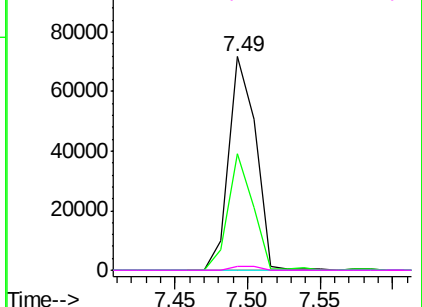


Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 8.22 min Scan# 537

Delta R.T. -0.03 min

Lab File: BF092775.D

Acq: 3 Feb 2017 12:58

Tgt Ion: 136 Resp: 545158

Ion Ratio Lower Upper

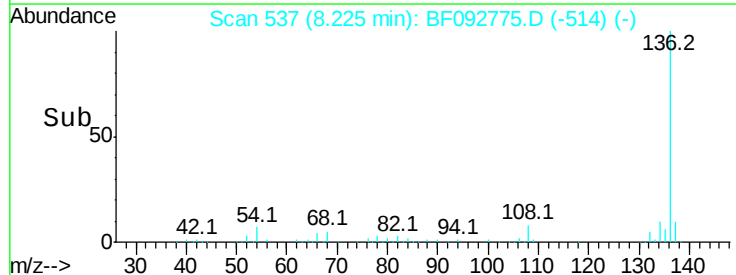
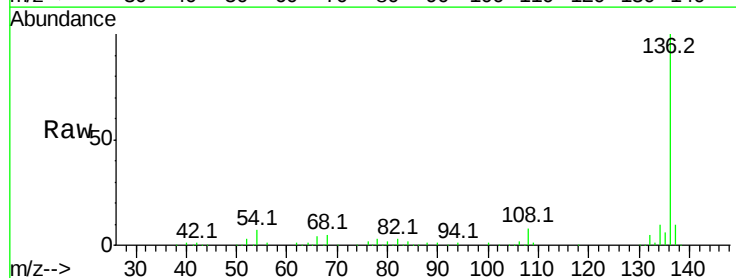
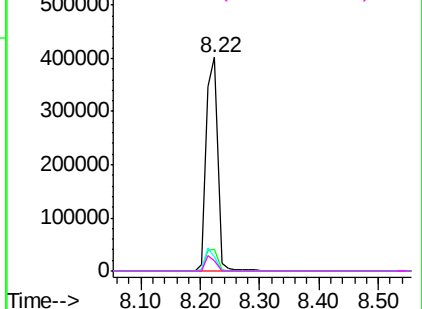
136	100		
137	10.5	8.4	12.6
54	6.7	4.5	6.7
68	4.6	3.6	5.4

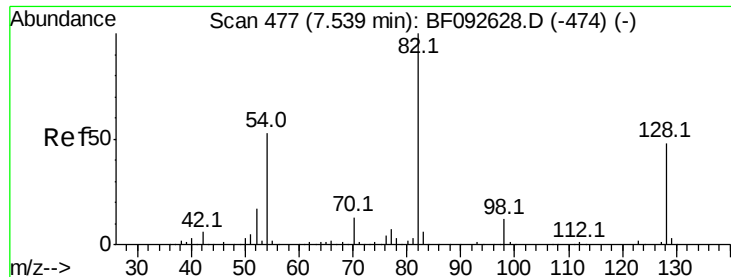
Abundance Ion 136.00 (135.70 to 136.70): BF0

Ion 137.00 (136.70 to 137.70): BF0

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

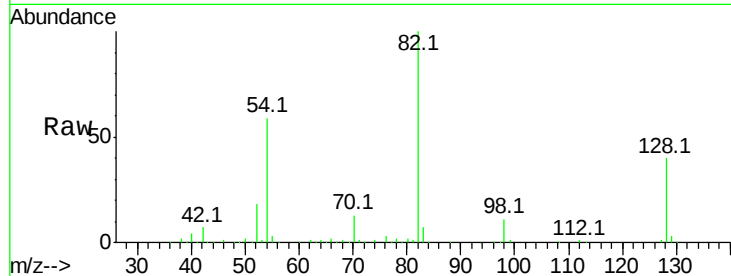




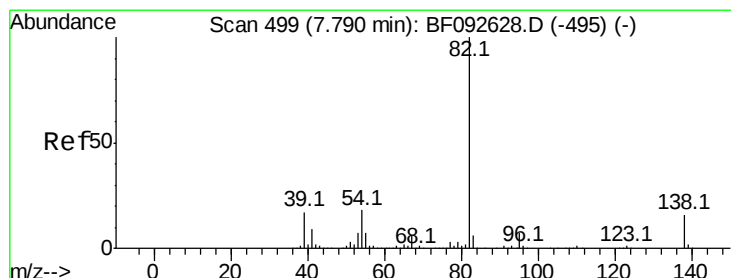
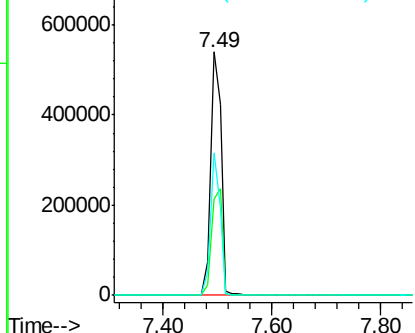
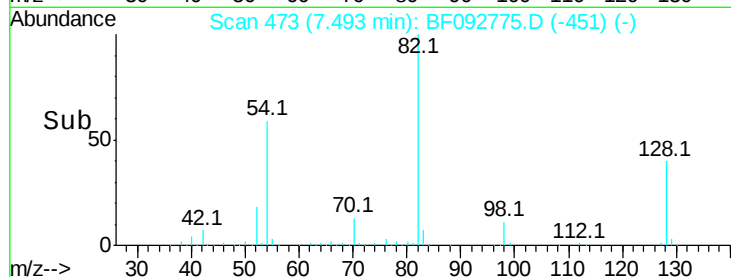
#23
 Nitrobenzene-d5
 Concen: 74.81 ng
 RT: 7.49 min Scan# 473
 Delta R.T. -0.05 min
 Lab File: BF092775.D
 Acq: 3 Feb 2017 12:58

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	82	Resp	732384
Ion Ratio	Lower	Upper	
82	100		
128	39.8	34.6	52.0
54	58.7	39.5	59.3

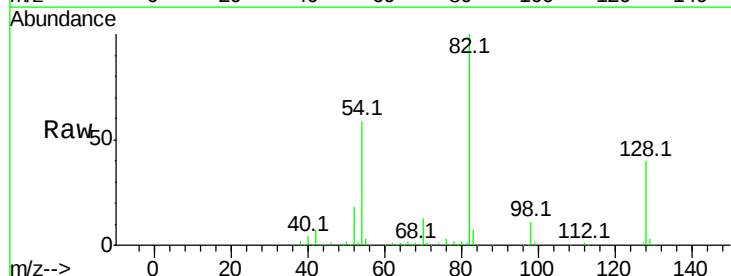


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

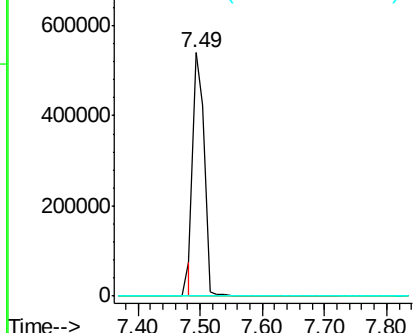
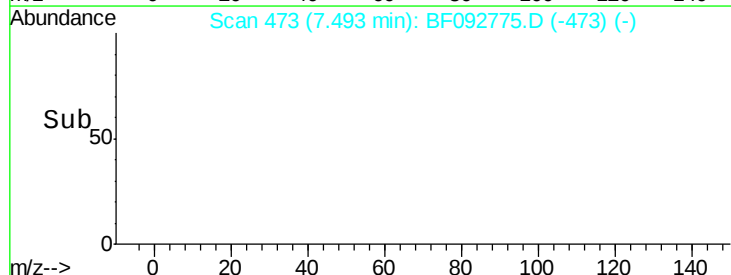


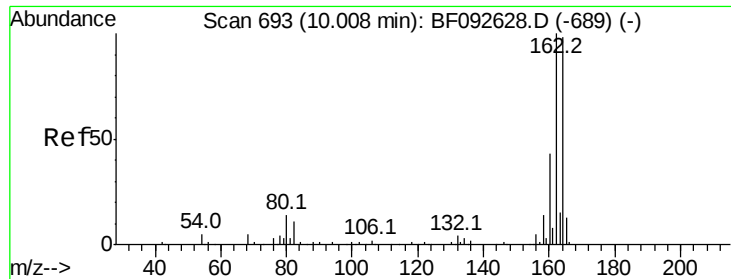
#25
 Isophorone
 Concen: 37.27 ng
 RT: 7.49 min Scan# 473
 Delta R.T. -0.30 min
 Lab File: BF092775.D
 Acq: 3 Feb 2017 12:58

Tgt Ion	82	Resp	679881
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

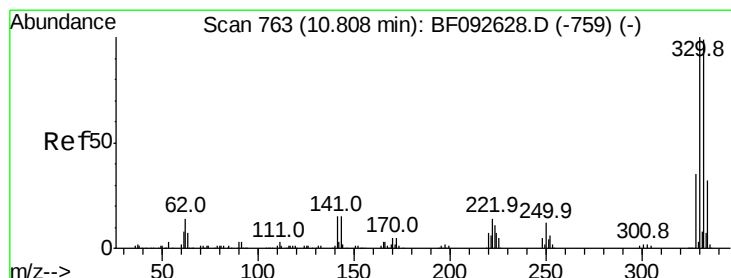
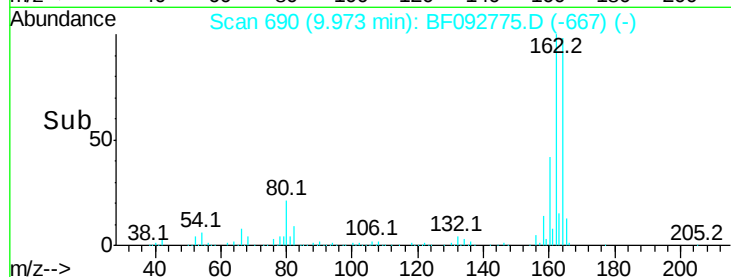
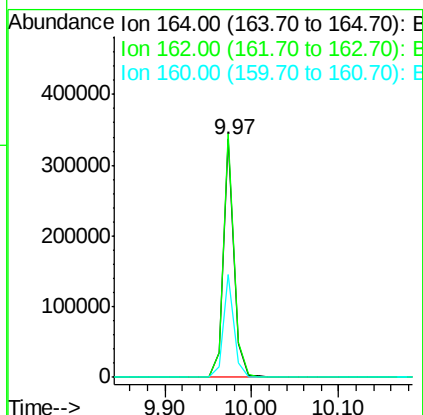
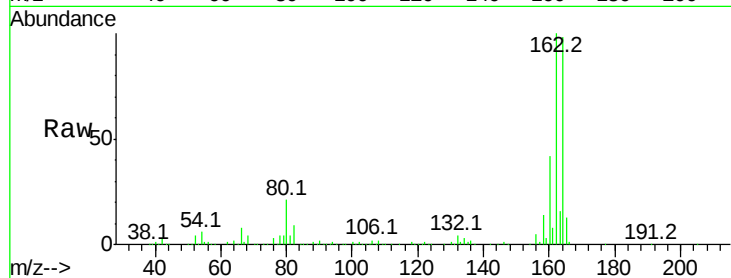




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.97 min Scan# 690
Delta R.T. -0.03 min
Lab File: BF092775.D
Acq: 3 Feb 2017 12:58

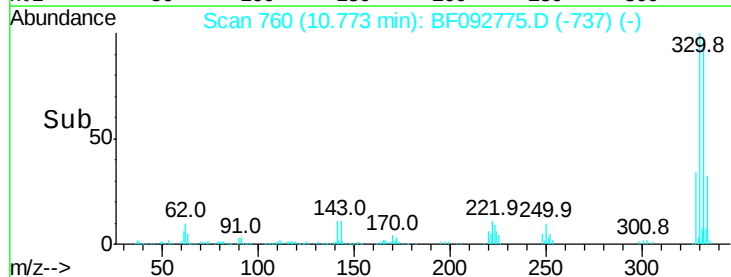
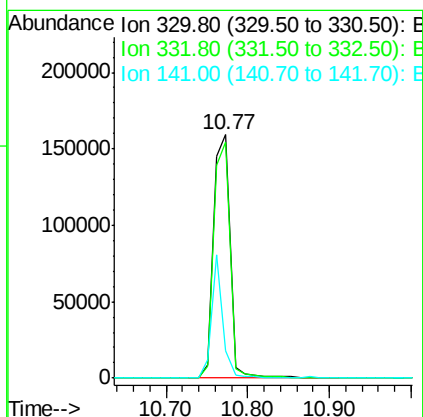
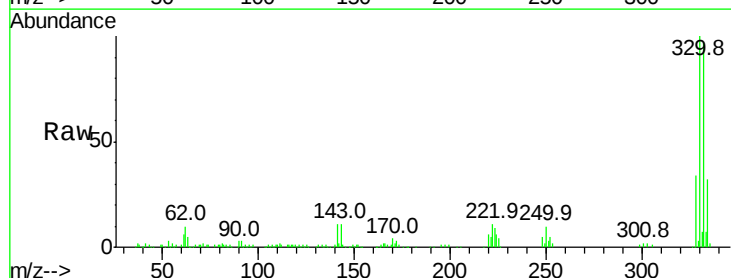
Instrument :
BNA_F
ClientSampleId :

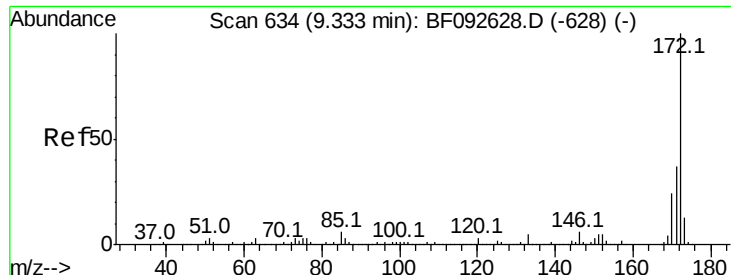
Tot Ion:164 Resp: 293161
Ion Ratio Lower Upper
164 100
162 102.2 80.2 120.2
160 43.2 36.9 55.3



#41
2,4,6-Tribromophenol
Concen: 106.95 ng
RT: 10.77 min Scan# 760
Delta R.T. -0.03 min
Lab File: BF092775.D
Acq: 3 Feb 2017 12:58

Tgt Ion:330 Resp: 226771
Ion Ratio Lower Upper
330 100
332 96.2 77.4 116.2
141 34.7 34.1 51.1



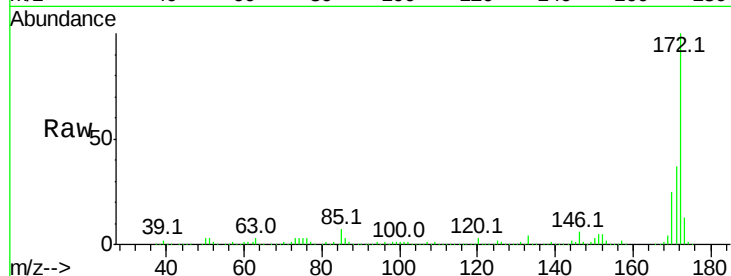


#44
 2-Fluorobiphenyl
 Concen: 82.32 ng
 RT: 9.30 min Scan# 631
 Delta R.T. -0.03 min
 Lab File: BF092775.D
 Acq: 3 Feb 2017 12:58

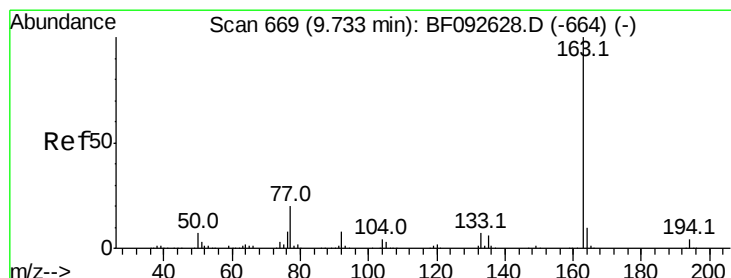
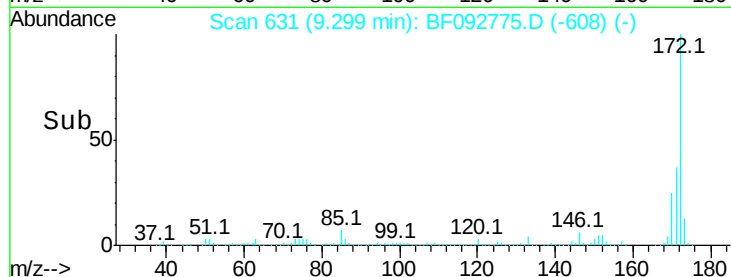
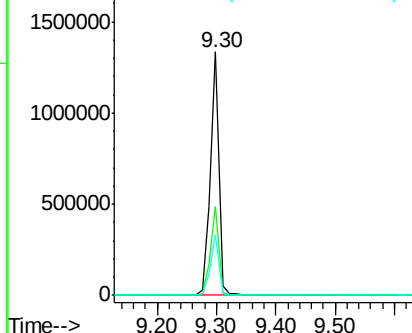
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1332132

Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.4	44.0
170	24.8	20.2	30.4



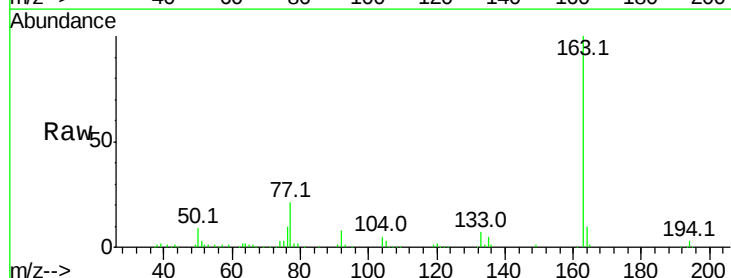
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



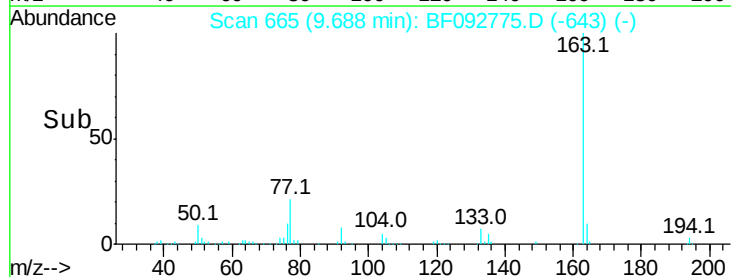
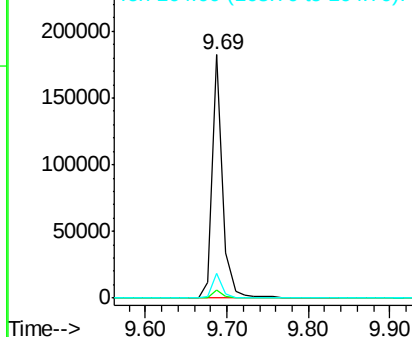
#49
 Dimethylphthalate
 Concen: 8.37 ng
 RT: 9.69 min Scan# 665
 Delta R.T. -0.05 min
 Lab File: BF092775.D
 Acq: 3 Feb 2017 12:58

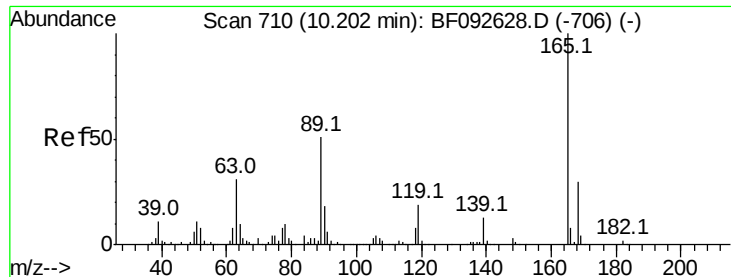
Tgt Ion:163 Resp: 165257

Ion	Ratio	Lower	Upper
163	100		
194	3.2	3.0	4.4
164	9.9	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

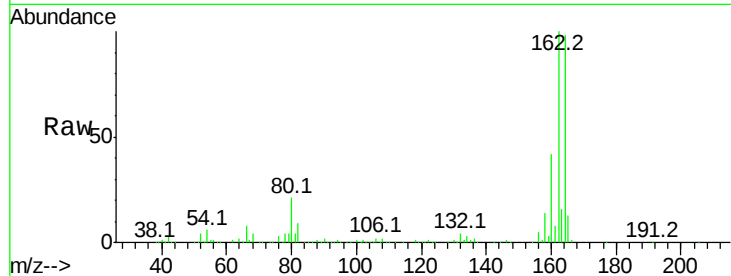




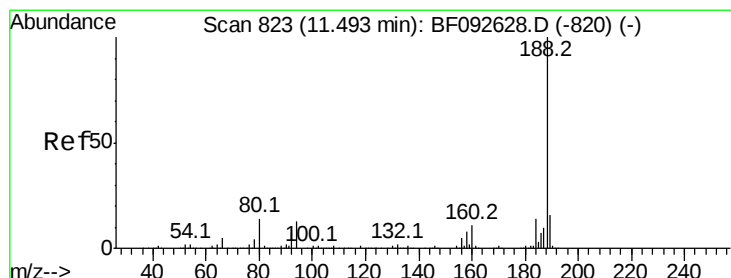
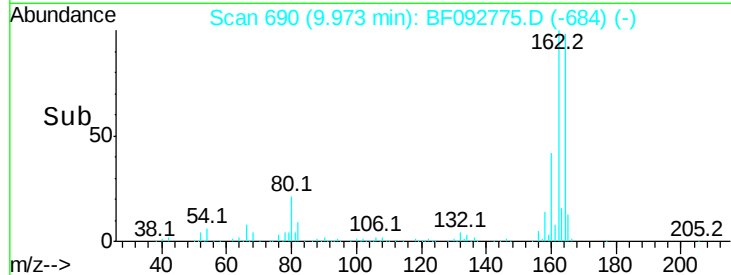
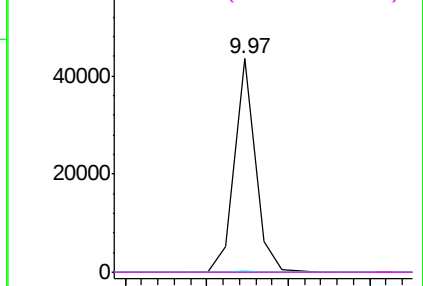
#56
 2,4-Dinitrotoluene
 Concen: 6.73 ng
 RT: 9.97 min Scan# 690
 Delta R.T. -0.23 min
 Lab File: BF092775.D
 Acq: 3 Feb 2017 12:58

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 38229
 Ion Ratio Lower Upper
 165 100
 63 0.0 40.2 60.4#
 89 0.7 62.5 93.7#
 182 0.0 1.8 2.8#

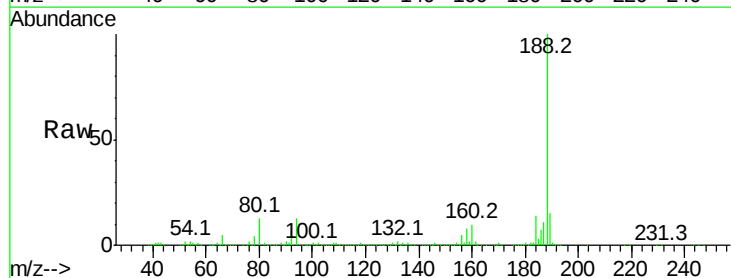


Abundance Ion 165.00 (164.70 to 165.70): E

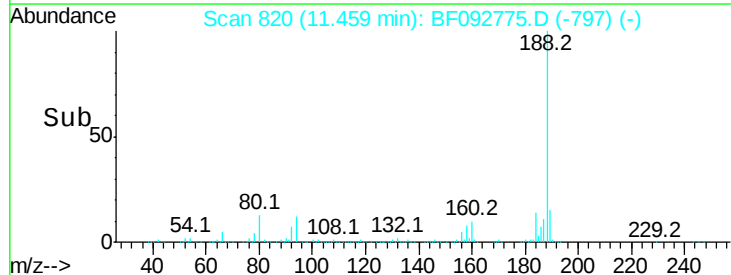
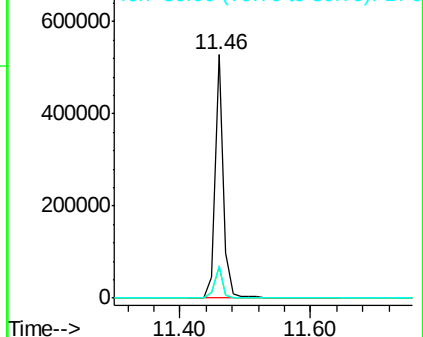


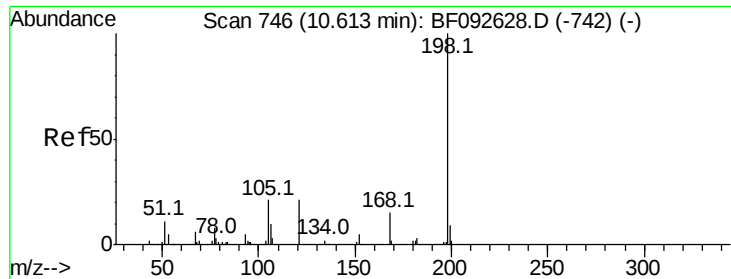
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.46 min Scan# 820
 Delta R.T. -0.03 min
 Lab File: BF092775.D
 Acq: 3 Feb 2017 12:58

Tgt Ion:188 Resp: 476960
 Ion Ratio Lower Upper
 188 100
 94 12.6 10.0 15.0
 80 13.1 11.2 16.8



Abundance Ion 188.00 (187.70 to 188.70): E





#64

4,6-Dinitro-2-methylphenol

Concen: 2.79 ng

RT: 10.76 min Scan# 759

Delta R.T. 0.15 min

Lab File: BF092775.D

Acq: 3 Feb 2017 12:58

Instrument :

BNA_F

ClientSampleId :

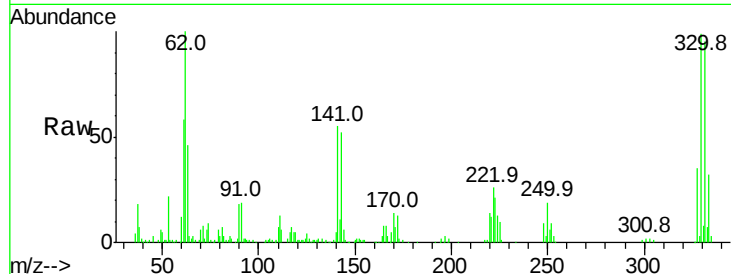
Tot Ion:198 Resp: 357

Ion Ratio Lower Upper

198 100

51 224.8 6.7 46.7#

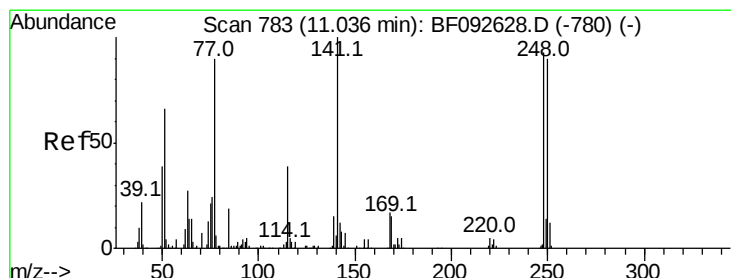
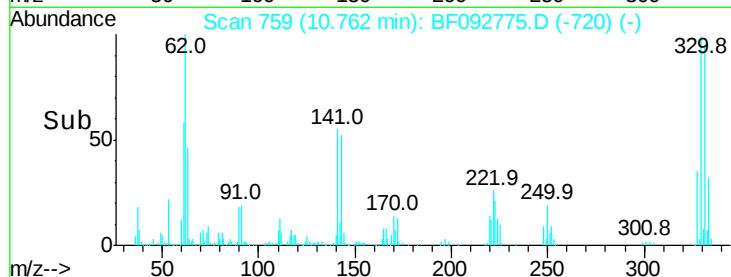
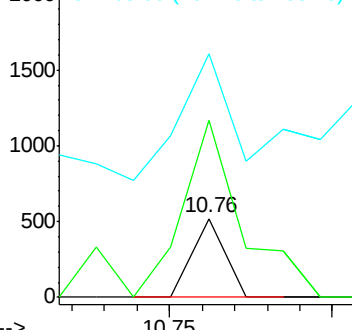
105 308.4 16.6 56.6#



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: 3.14 ng

RT: 10.76 min Scan# 759

Delta R.T. -0.27 min

Lab File: BF092775.D

Acq: 3 Feb 2017 12:58

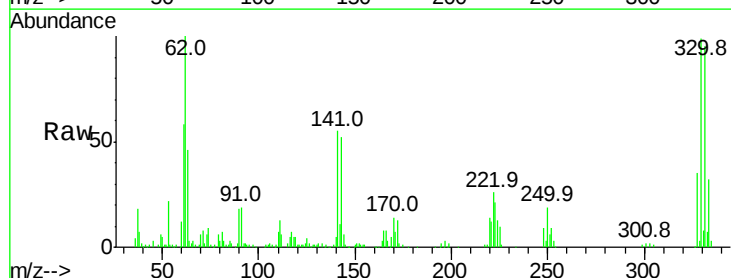
Tgt Ion:248 Resp: 15635

Ion Ratio Lower Upper

248 100

250 201.0 76.9 115.3#

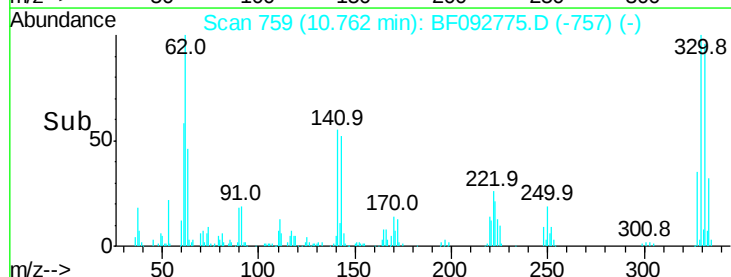
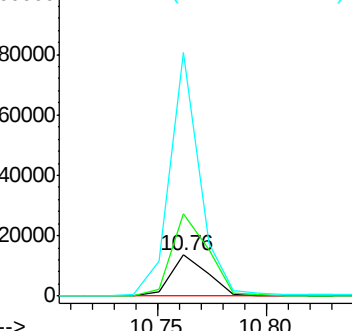
141 597.5 68.2 102.4#

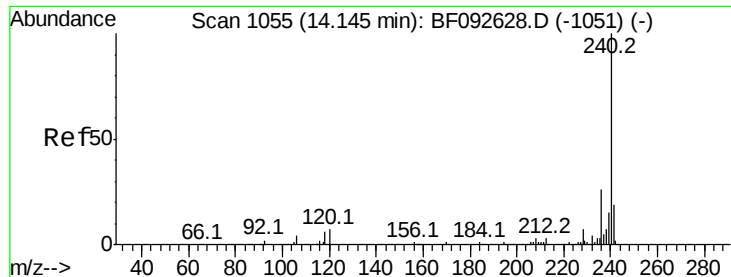


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#75

Chrvsene-d12

Concen: 20.00 ng

RT: 14.10 min Scan# 1051

Delta R.T. -0.05 min

Lab File: BF092775.D

Acq: 3 Feb 2017 12:58

Instrument :

BNA_F

ClientSampleId :

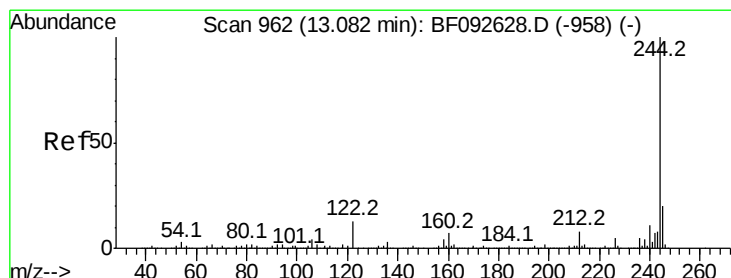
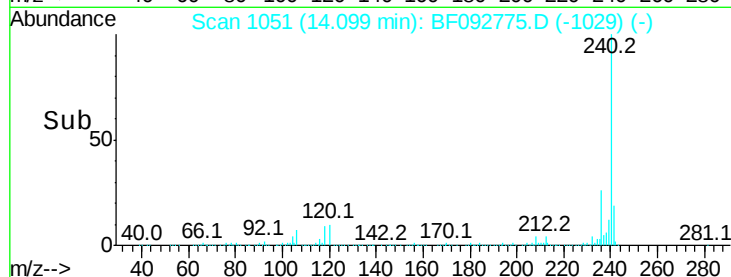
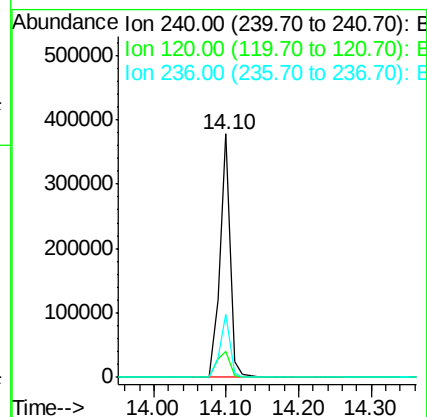
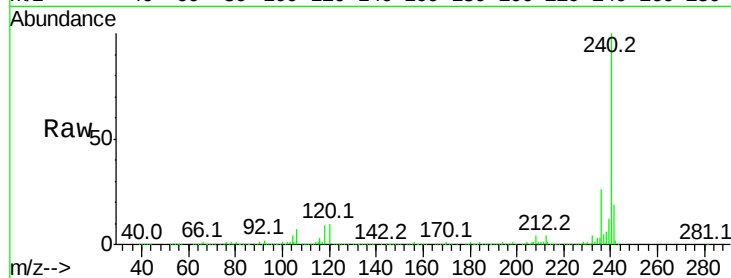
Tot Ion:240 Resp: 366896

Ion Ratio Lower Upper

240 100

120 10.4 12.9 19.3#

236 25.9 20.9 31.3



#78

Terphenyl-d14

Concen: 68.11 ng

RT: 13.05 min Scan# 959

Delta R.T. -0.03 min

Lab File: BF092775.D

Acq: 3 Feb 2017 12:58

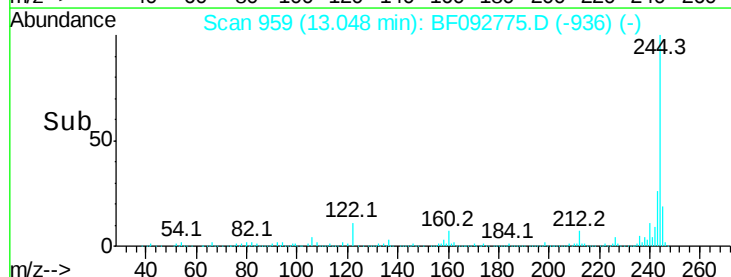
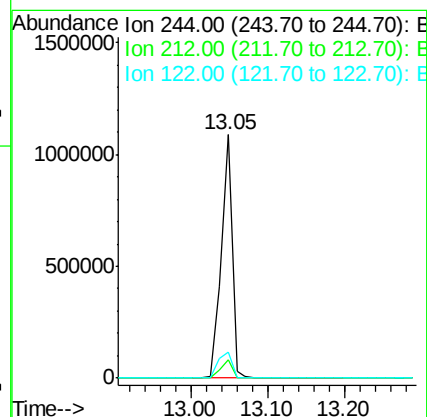
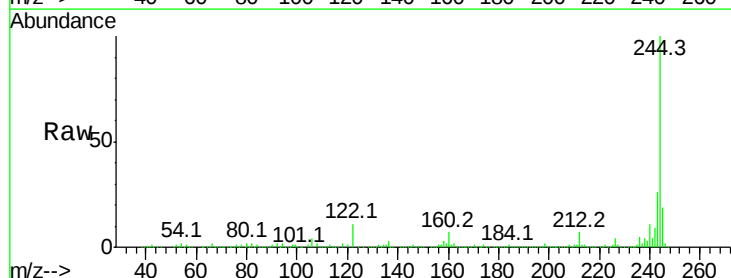
Tgt Ion:244 Resp: 1063592

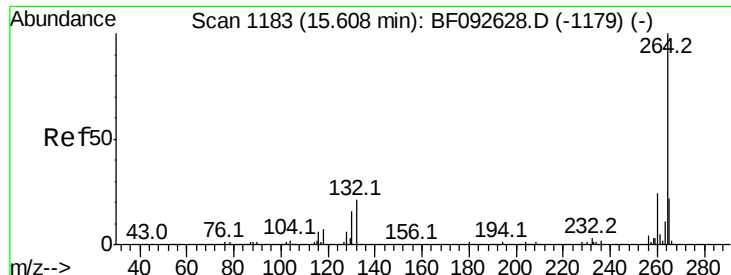
Ion Ratio Lower Upper

244 100

212 7.5 6.2 9.2

122 10.7 11.4 17.2#





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.56 min Scan# 1179
 Delta R.T. -0.05 min
 Lab File: BF092775.D
 Acq: 3 Feb 2017 12:58

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:264 Resp: 302968
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.2 28.8
 265 21.7 17.4 26.0

