

Data Path : Z:\HPCHEM1\BNA F\Data\BF020217\
 Data File : BF092771.D
 Acq On : 3 Feb 2017 11:10
 Operator : SJ/MA
 Sample : I1647-08
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 03 11:48:21 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

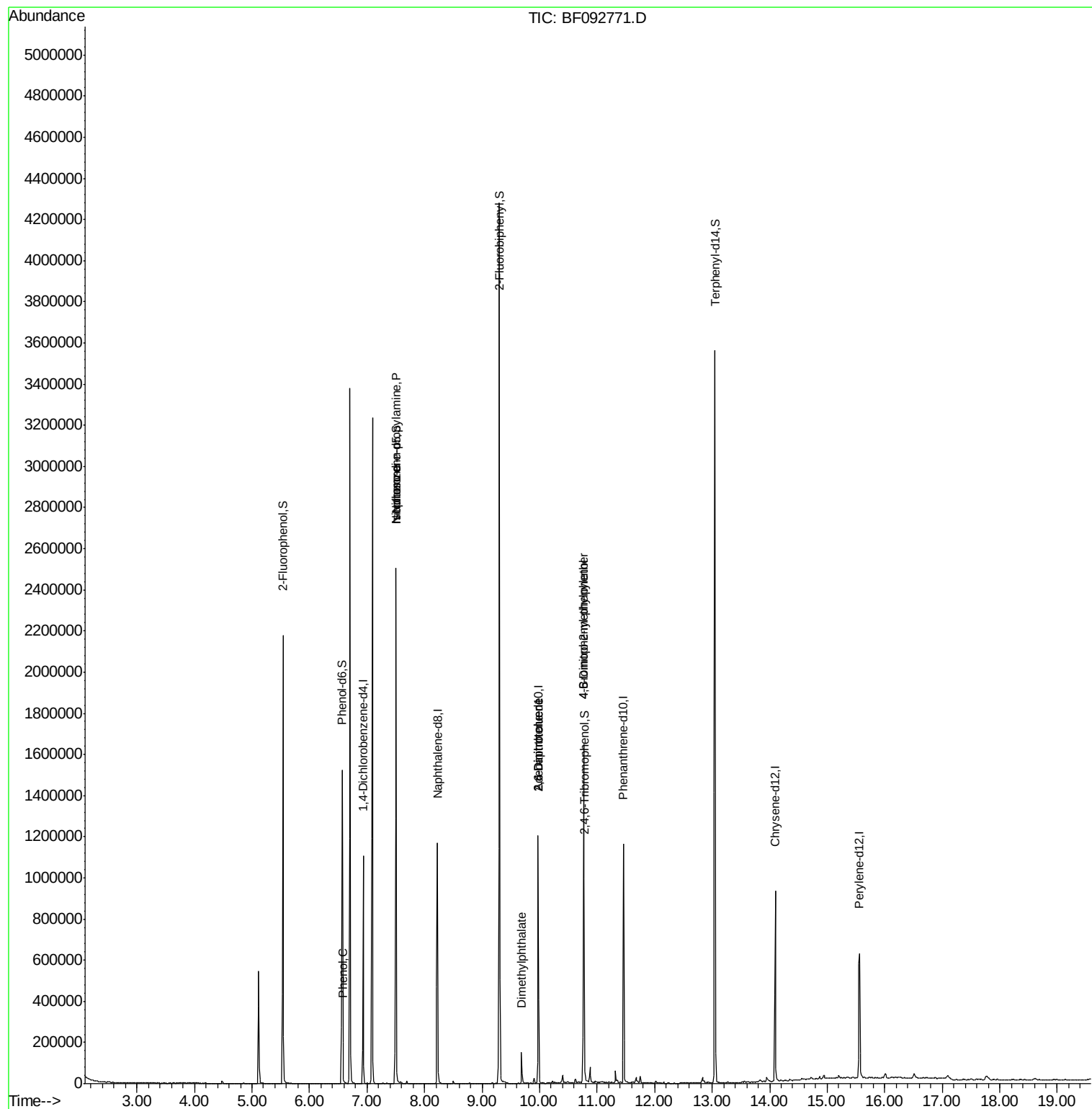
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	153511	20.00	ng	-0.03
21) Naphthalene-d8	8.22	136	598787	20.00	ng	-0.03
38) Acenaphthene-d10	9.97	164	288812	20.00	ng	-0.03
63) Phenanthrene-d10	11.46	188	418754	20.00	ng	-0.03
75) Chrysene-d12	14.10	240	360853	20.00	ng	-0.05
86) Perylene-d12	15.56	264	339180	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	556381	62.18	ng	-0.03
7) Phenol-d6	6.57	99	463407	40.25	ng	-0.03
23) Nitrobenzene-d5	7.50	82	951882	88.53	ng	-0.03
41) 2,4,6-Tribromophenol	10.77	330	263329	126.06	ng	-0.03
44) 2-Fluorobiphenyl	9.30	172	1431386	89.79	ng	-0.03
78) Terphenyl-d14	13.05	244	1137905	74.09	ng	-0.03
Target Compounds						
10) Phenol	6.58	94	28322	2.10	ng	# 72
19) n-Nitroso-di-n-propylamine	7.50	70	124902	17.04	ng	# 79
25) Isophorone	7.50	82	918019	45.82	ng	# 65
49) Dimethylphthalate	9.69	163	64990	3.34	ng	# 98
50) 2,6-Dinitrotoluene	9.97	165	36388	8.66	ng	# 31
56) 2,4-Dinitrotoluene	9.97	165	36390	6.51	ng	# 20
64) 4,6-Dinitro-2-methylphenol	10.76	198	601	2.89	ng	# 1
66) 4-Bromophenyl-phenylether	10.76	248	17915	4.09	ng	# 1

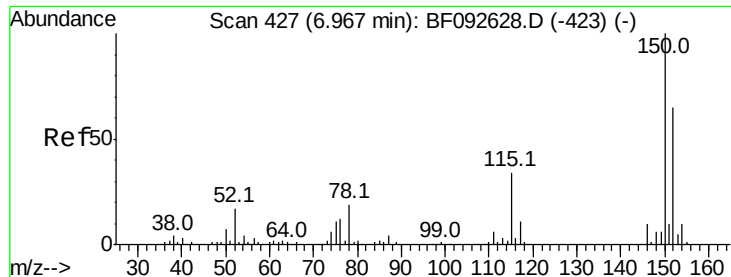
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF092771.D

Acq: 3 Feb 2017 11:10

Instrument :

BNA_F

ClientSampleId :

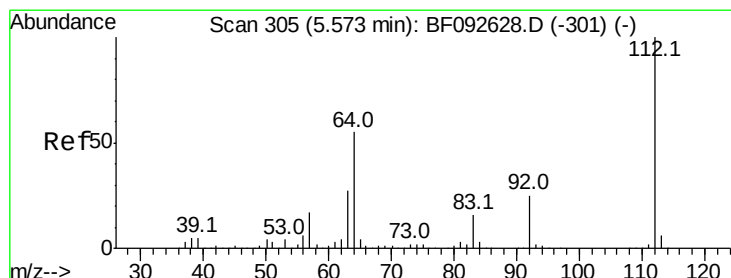
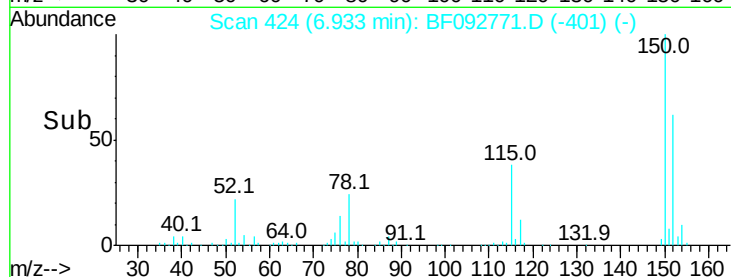
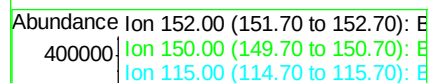
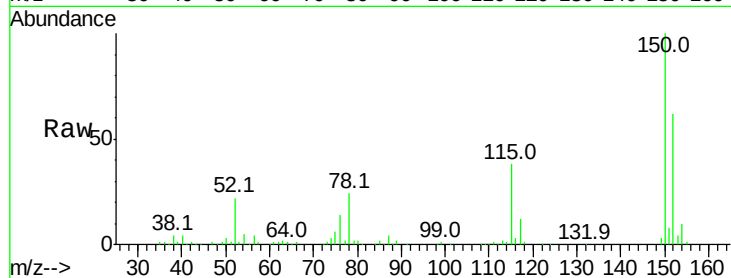
Tot Ion:152 Resp: 153511

Ion Ratio Lower Upper

152 100

150 161.8 124.9 187.3

115 61.1 46.0 69.0



#5

2-Fluorophenol

Concen: 62.18 ng

RT: 5.54 min Scan# 302

Delta R.T. -0.03 min

Lab File: BF092771.D

Acq: 3 Feb 2017 11:10

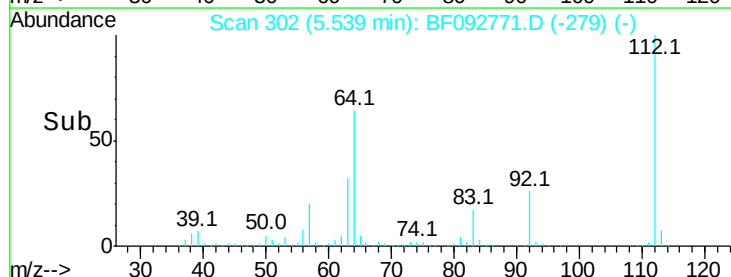
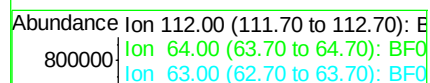
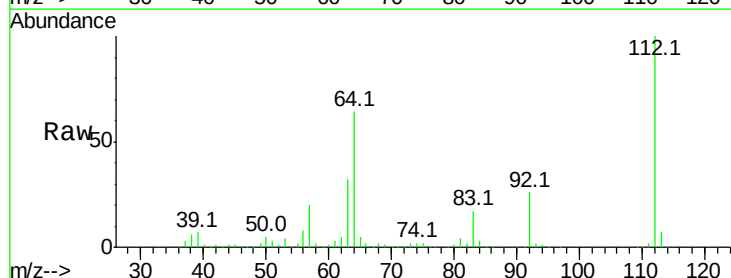
Tgt Ion:112 Resp: 556381

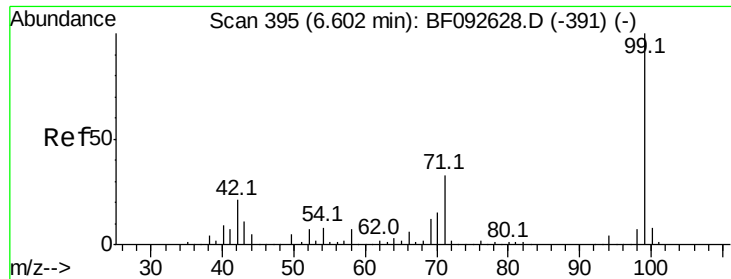
Ion Ratio Lower Upper

112 100

64 63.9 46.1 69.1

63 31.8 23.8 35.6





#7

Phenol-d6

Concen: 40.25 ng

RT: 6.57 min Scan# 392

Delta R.T. -0.03 min

Lab File: BF092771.D

Acq: 3 Feb 2017 11:10

Instrument :

BNA_F

ClientSampleId :

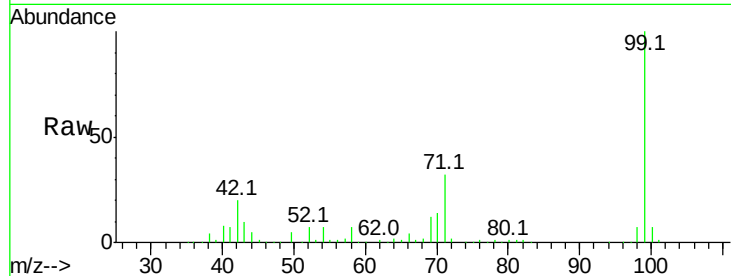
Tot Ion: 99 Resp: 463407

Ion Ratio Lower Upper

99 100

42 19.7 15.6 23.4

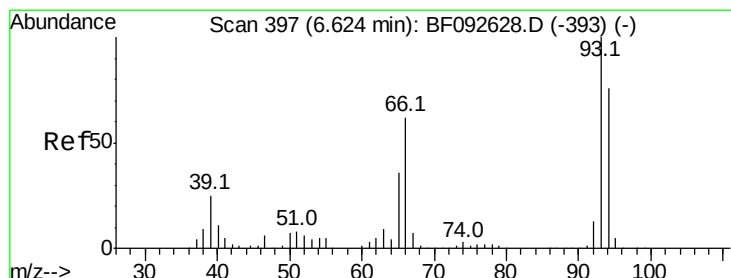
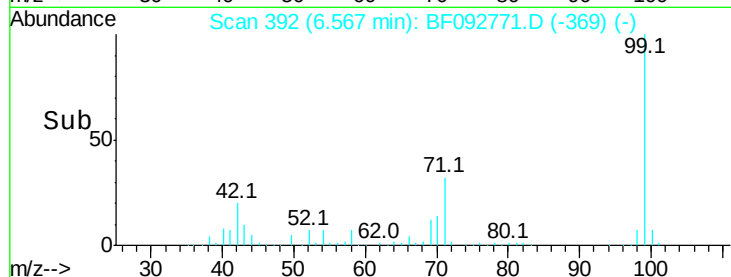
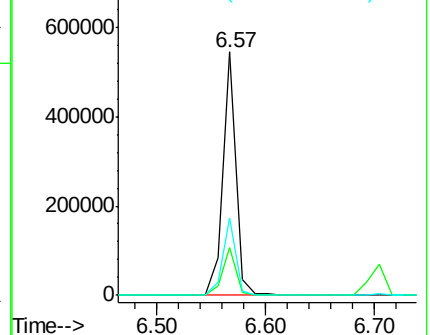
71 32.0 27.5 41.3



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: 2.10 ng

RT: 6.58 min Scan# 393

Delta R.T. -0.05 min

Lab File: BF092771.D

Acq: 3 Feb 2017 11:10

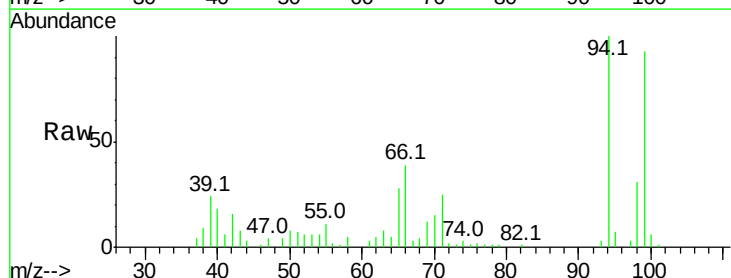
Tgt Ion: 94 Resp: 28322

Ion Ratio Lower Upper

94 100

65 28.1 21.4 61.4

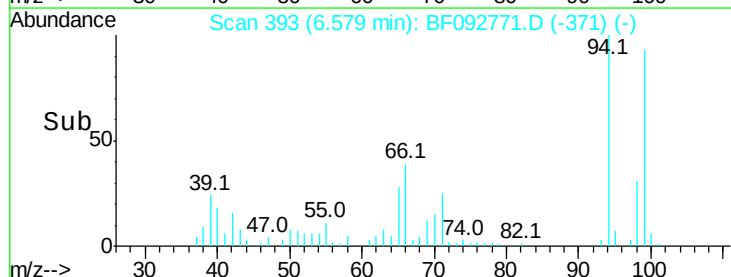
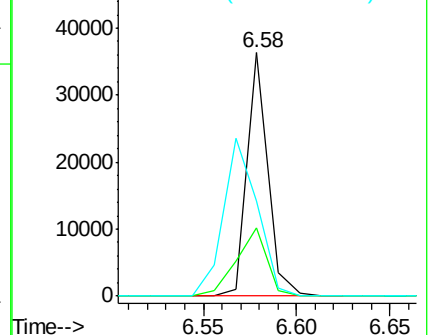
66 39.2 44.0 84.0#

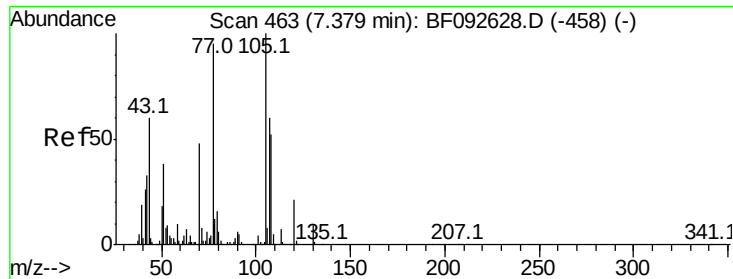


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

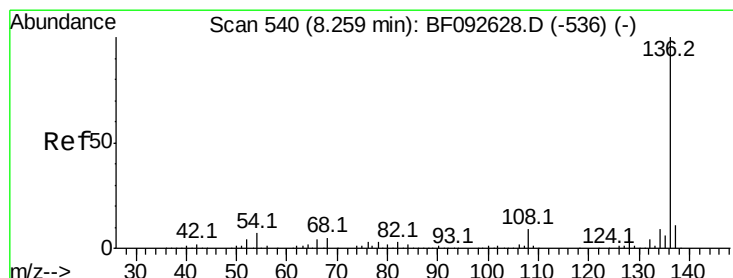
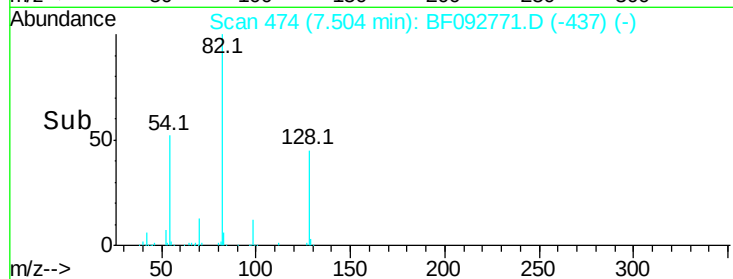
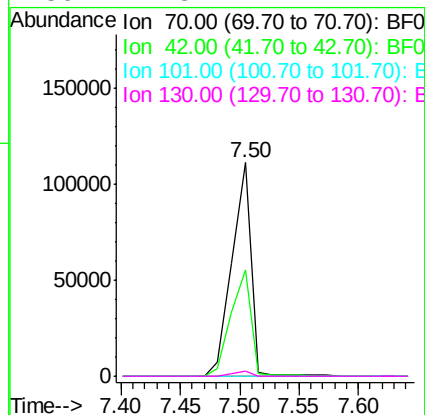
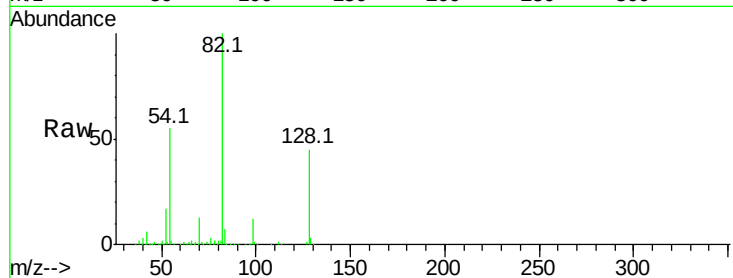




#19
n-Nitroso-di-n-propylamine
Concen: 17.04 ng
RT: 7.50 min Scan# 474
Delta R.T. 0.13 min
Lab File: BF092771.D
Acq: 3 Feb 2017 11:10

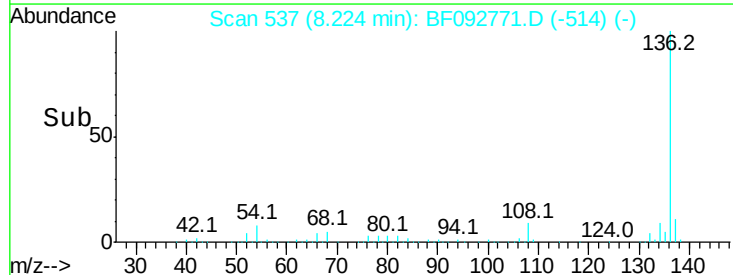
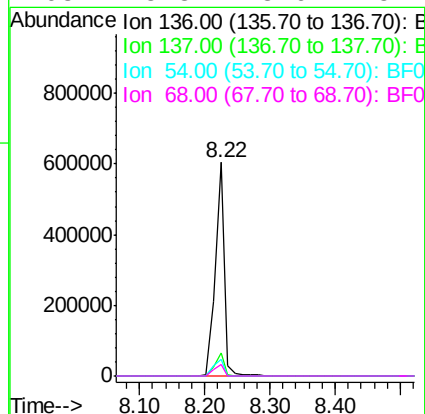
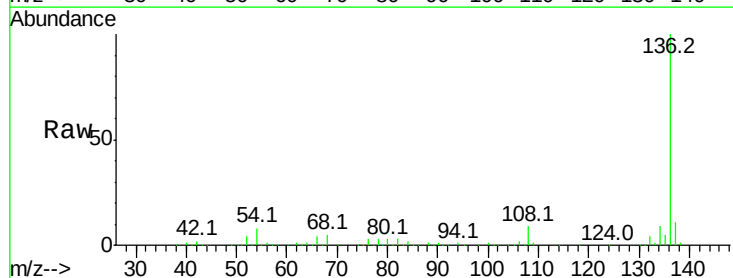
Instrument :
BNA_F
ClientSampleId :

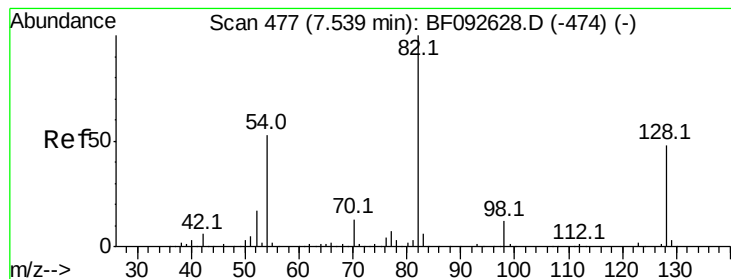
Tot Ion: 70 Resp: 124902
Ion Ratio Lower Upper
70 100
42 49.7 49.4 74.0
101 0.0 7.4 11.2#
130 2.3 14.2 21.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.22 min Scan# 537
Delta R.T. -0.03 min
Lab File: BF092771.D
Acq: 3 Feb 2017 11:10

Tgt Ion:136 Resp: 598787
Ion Ratio Lower Upper
136 100
137 10.9 8.4 12.6
54 8.0 4.5 6.7#
68 5.3 3.6 5.4





#23

Nitrobenzene-d5

Concen: 88.53 ng

RT: 7.50 min Scan# 474

Delta R.T. -0.03 min

Lab File: BF092771.D

Acq: 3 Feb 2017 11:10

Instrument :

BNA_F

ClientSampleId :

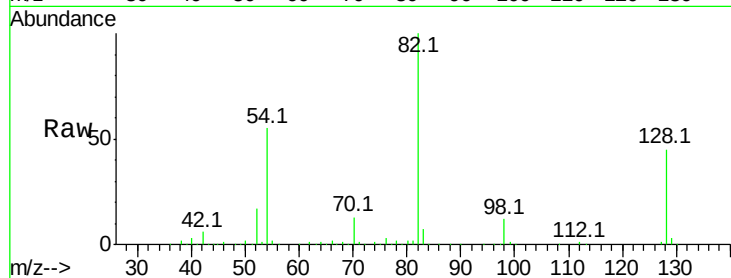
Tot Ion: 82 Resp: 951882

Ion Ratio Lower Upper

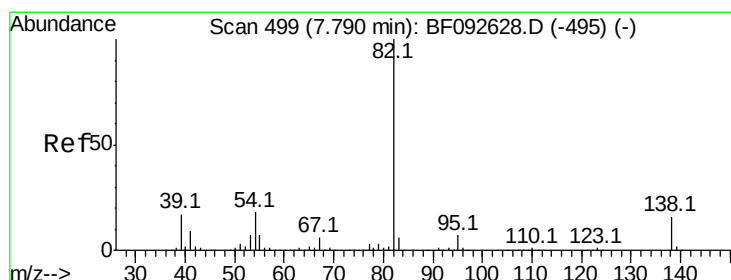
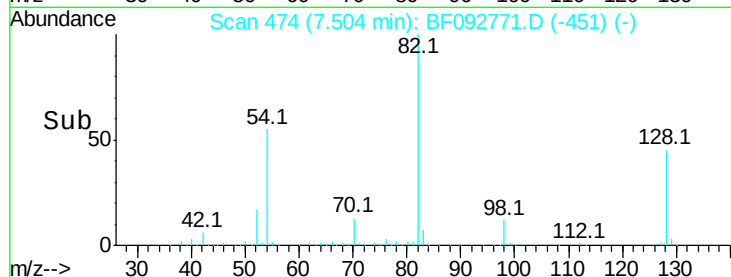
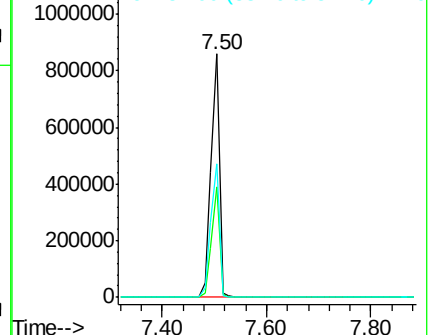
82 100

128 45.4 34.6 52.0

54 54.8 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: 45.82 ng

RT: 7.50 min Scan# 474

Delta R.T. -0.29 min

Lab File: BF092771.D

Acq: 3 Feb 2017 11:10

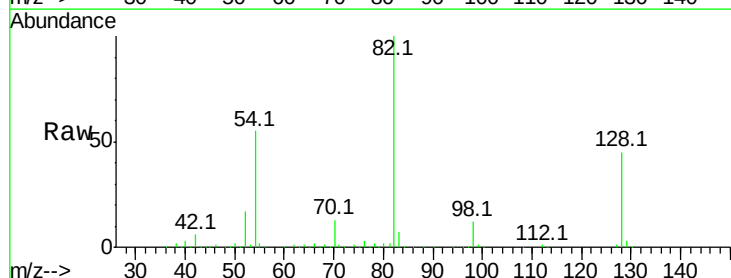
Tgt Ion: 82 Resp: 918019

Ion Ratio Lower Upper

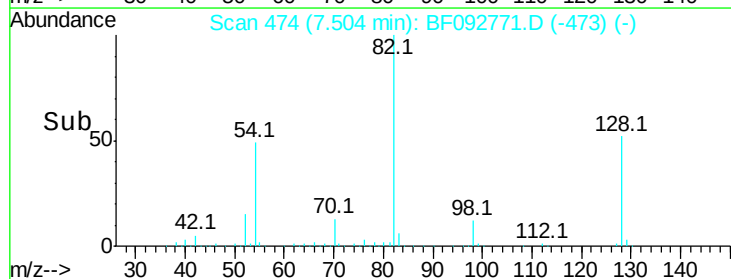
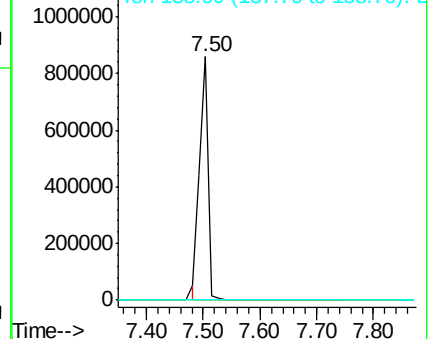
82 100

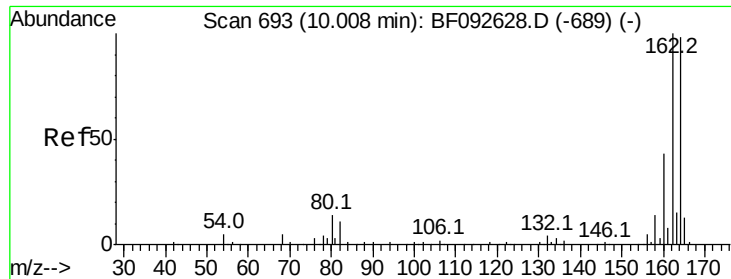
95 0.0 5.6 8.4#

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

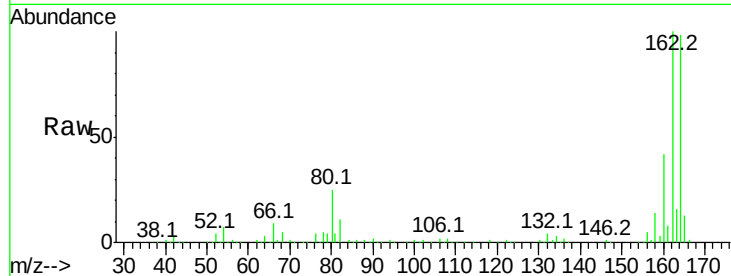




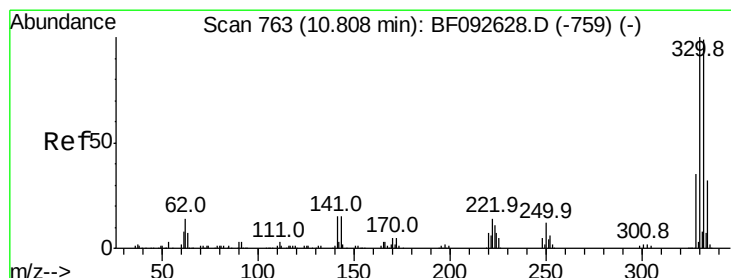
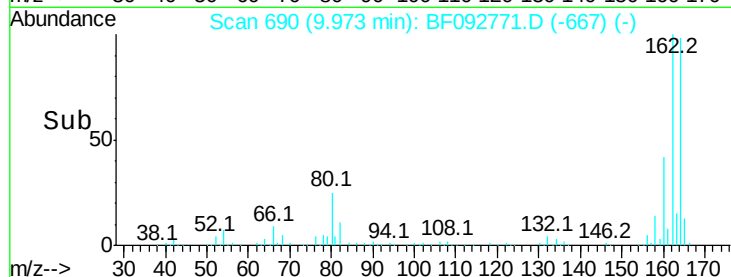
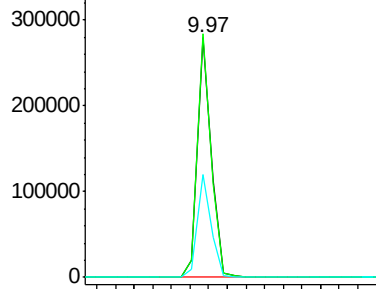
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.97 min Scan# 690
Delta R.T. -0.03 min
Lab File: BF092771.D
Acq: 3 Feb 2017 11:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 288812
Ion Ratio Lower Upper
164 100
162 101.8 80.2 120.2
160 43.2 36.9 55.3

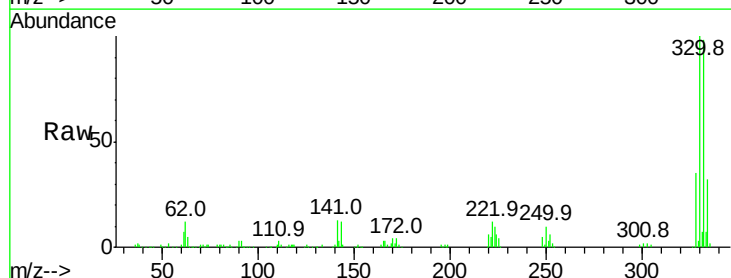


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

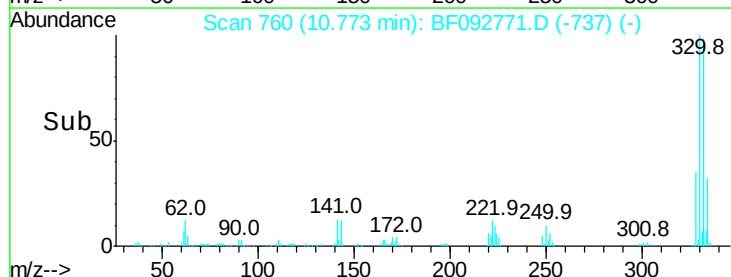
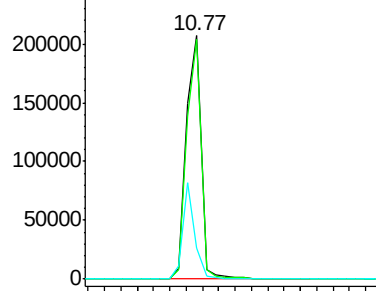


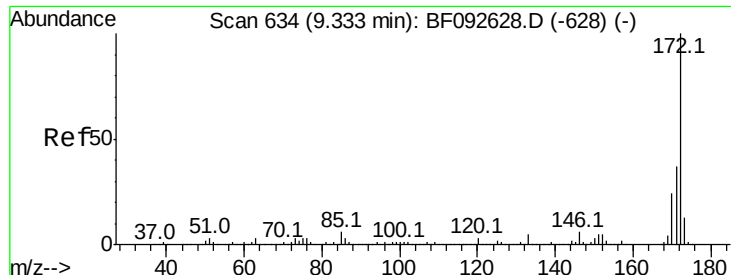
#41
2,4,6-Tribromophenol
Concen: 126.06 ng
RT: 10.77 min Scan# 760
Delta R.T. -0.03 min
Lab File: BF092771.D
Acq: 3 Feb 2017 11:10

Tgt Ion:330 Resp: 263329
Ion Ratio Lower Upper
330 100
332 96.2 77.4 116.2
141 32.6 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

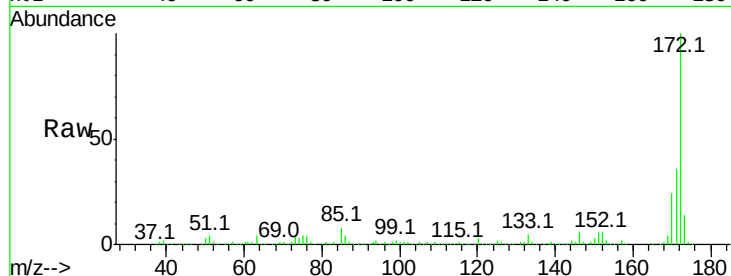




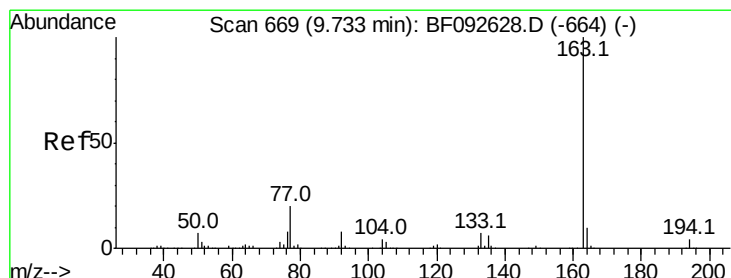
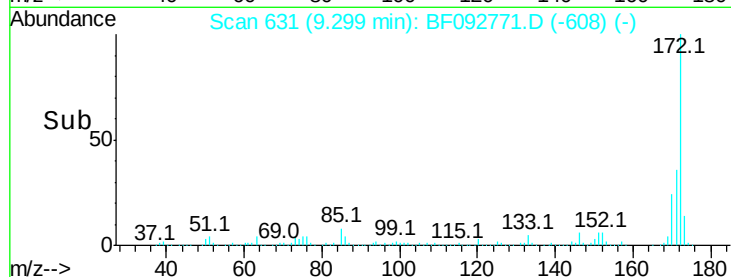
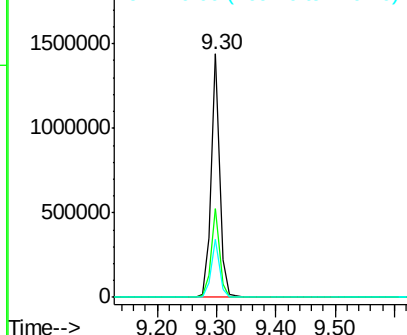
#44
2-Fluorobiphenyl
Concen: 89.79 ng
RT: 9.30 min Scan# 631
Delta R.T. -0.03 min
Lab File: BF092771.D
Acq: 3 Feb 2017 11:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1431386
Ion Ratio Lower Upper
172 100
171 36.3 29.4 44.0
170 24.1 20.2 30.4

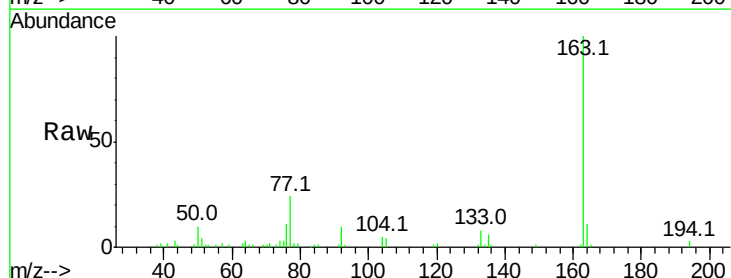


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

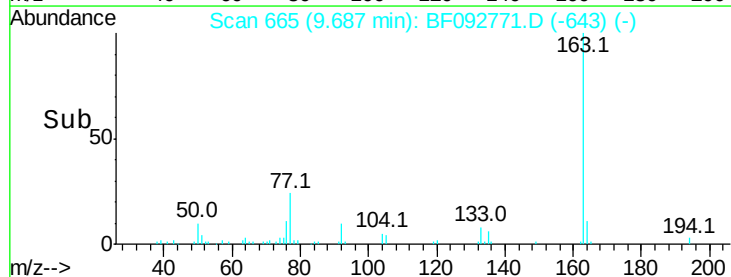
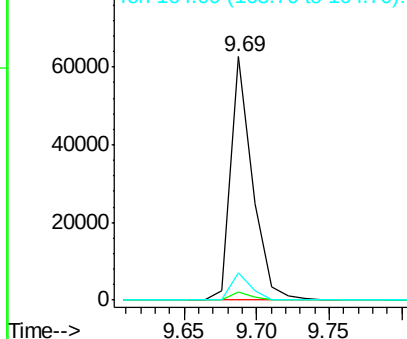


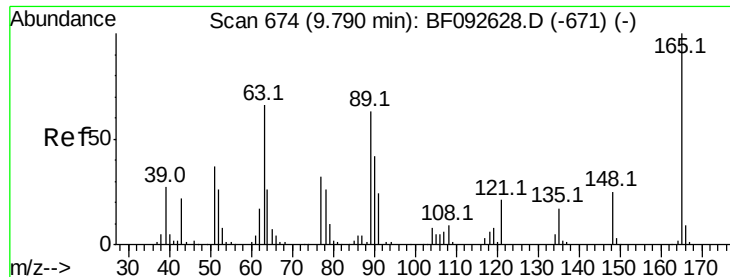
#49
Dimethylphthalate
Concen: 3.34 ng
RT: 9.69 min Scan# 665
Delta R.T. -0.05 min
Lab File: BF092771.D
Acq: 3 Feb 2017 11:10

Tgt Ion:163 Resp: 64990
Ion Ratio Lower Upper
163 100
194 3.5 3.0 4.4
164 11.1 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

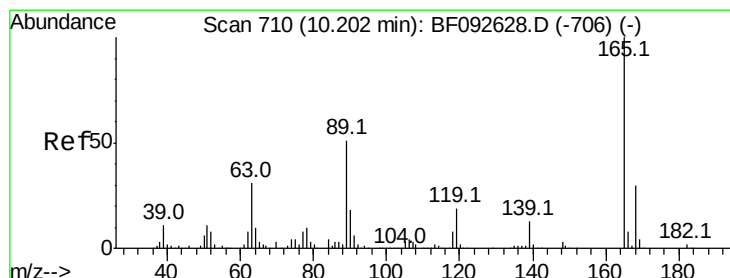
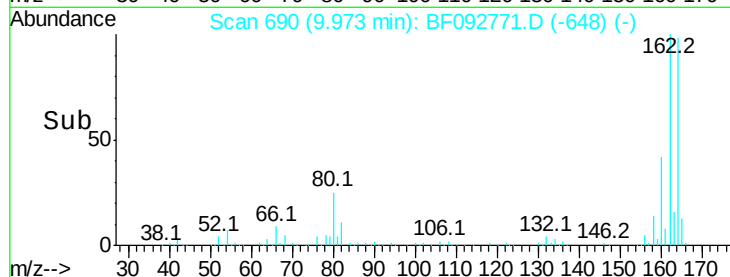
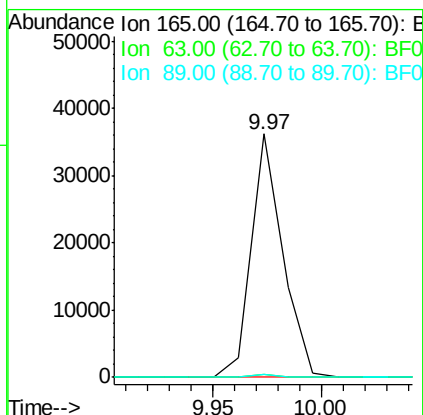
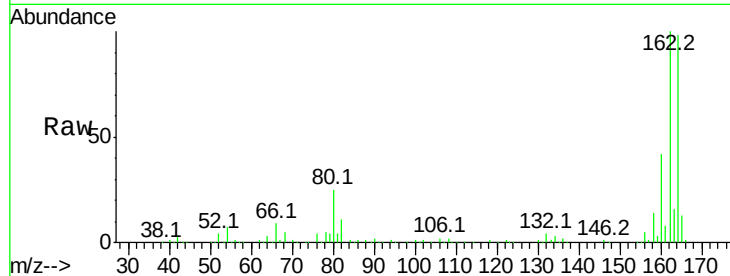




#50
 2,6-Dinitrotoluene
 Concen: 8.66 ng
 RT: 9.97 min Scan# 690
 Delta R.T. 0.18 min
 Lab File: BF092771.D
 Acq: 3 Feb 2017 11:10

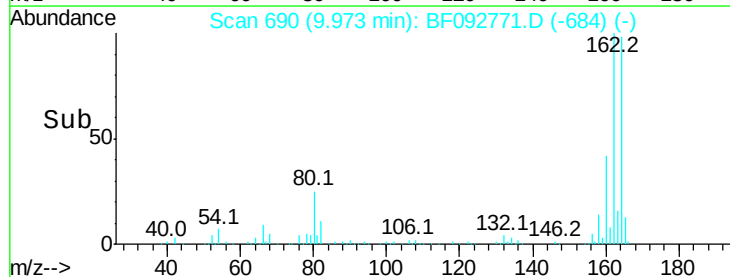
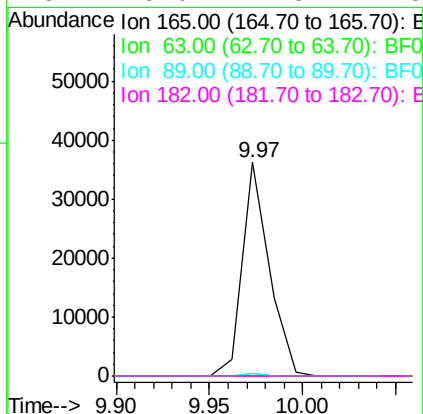
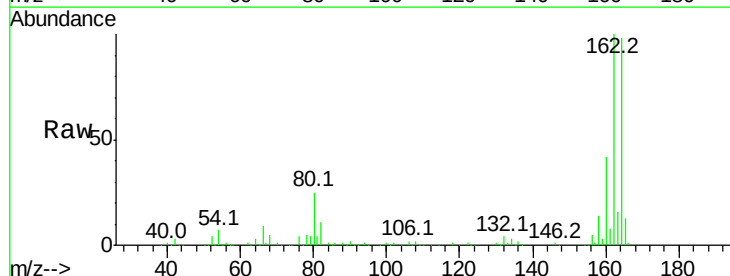
Instrument :
 BNA_F
 ClientSampleId :

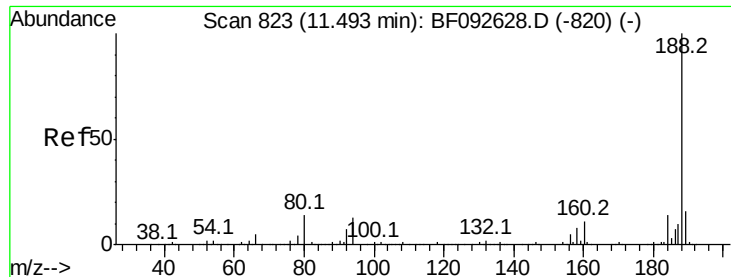
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.0	36.2	54.4#
89	1.2	40.2	60.4#



#56
 2,4-Dinitrotoluene
 Concen: 6.51 ng
 RT: 9.97 min Scan# 690
 Delta R.T. -0.23 min
 Lab File: BF092771.D
 Acq: 3 Feb 2017 11:10

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.0	40.2	60.4#
89	1.2	62.5	93.7#
182	0.0	1.8	2.8#

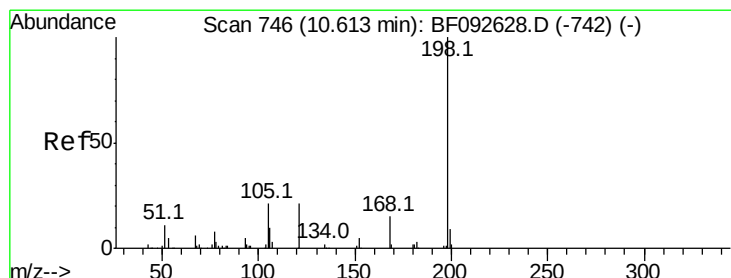
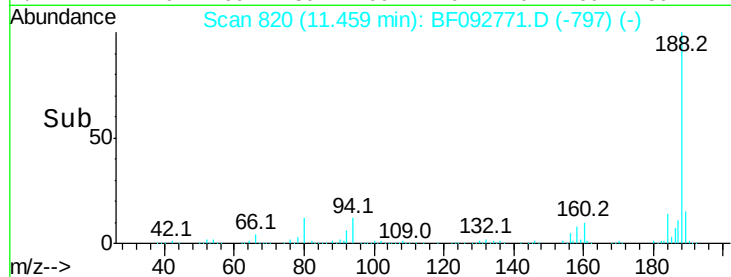
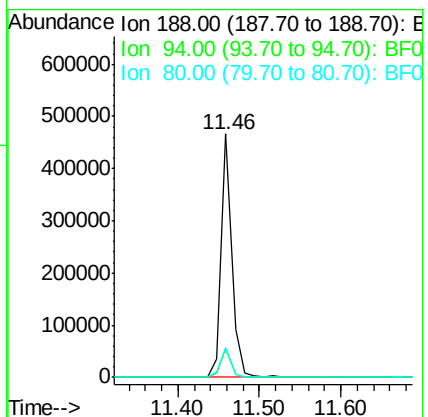
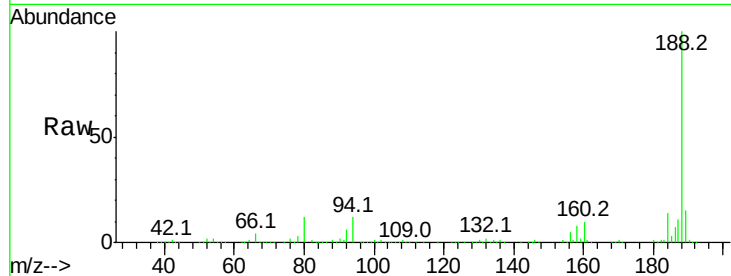




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.46 min Scan# 820
 Delta R.T. -0.03 min
 Lab File: BF092771.D
 Acq: 3 Feb 2017 11:10

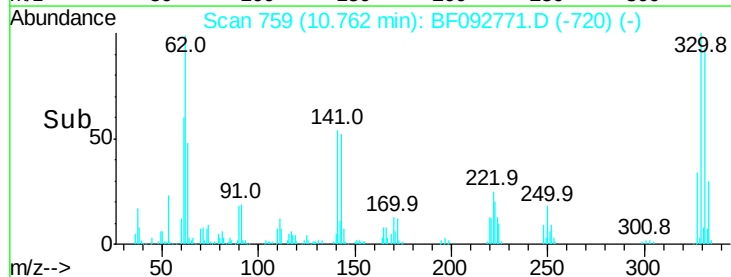
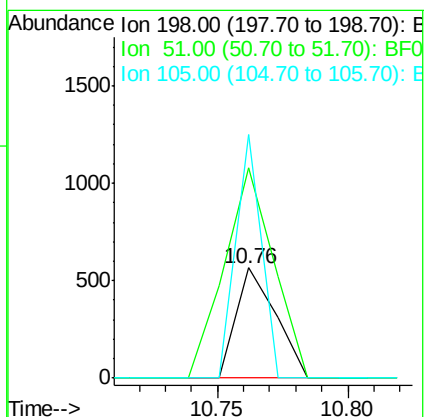
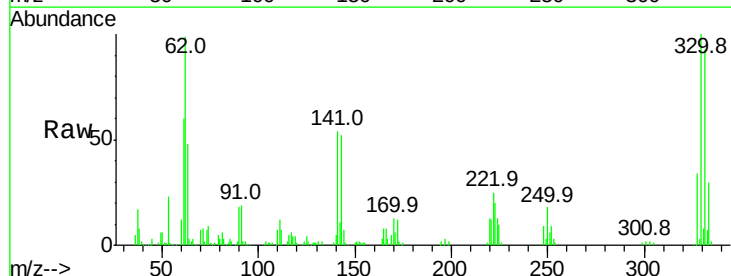
Instrument :
 BNA_F
 ClientSampleId :

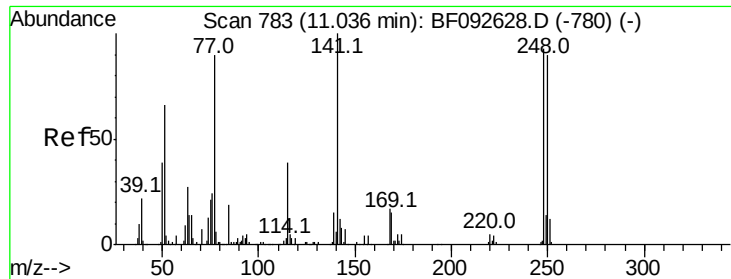
Tot Ion:188 Resp: 418754
 Ion Ratio Lower Upper
 188 100
 94 11.6 10.0 15.0
 80 12.1 11.2 16.8



#64
 4,6-Dinitro-2-methylphenol
 Concen: 2.89 ng
 RT: 10.76 min Scan# 759
 Delta R.T. 0.15 min
 Lab File: BF092771.D
 Acq: 3 Feb 2017 11:10

Tgt Ion:198 Resp: 601
 Ion Ratio Lower Upper
 198 100
 51 190.6 6.7 46.7#
 105 220.8 16.6 56.6#

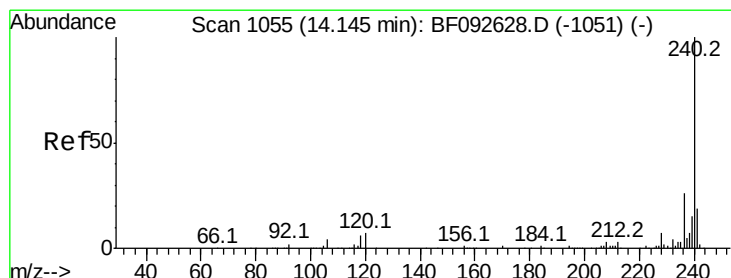
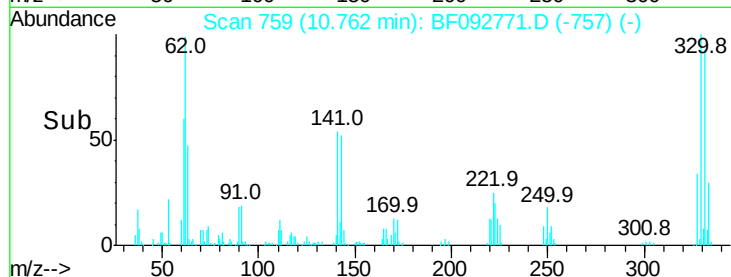
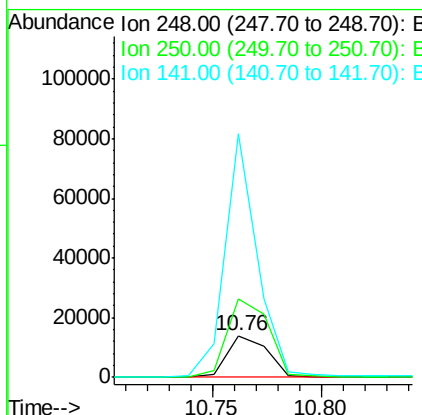
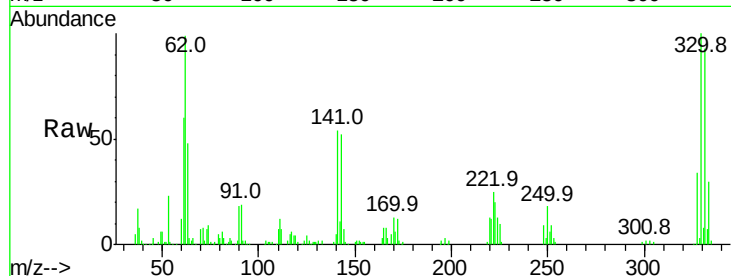




#66
4-Bromophenyl-phenylether
Concen: 4.09 ng
RT: 10.76 min Scan# 759
Delta R.T. -0.27 min
Lab File: BF092771.D
Acq: 3 Feb 2017 11:10

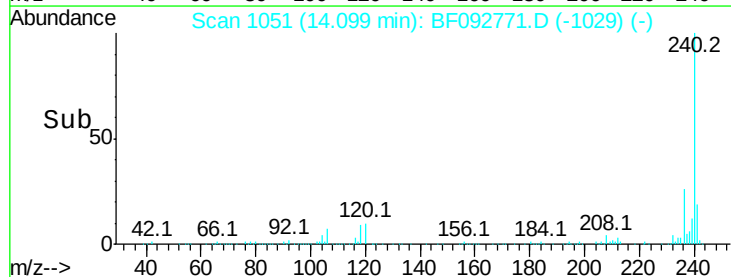
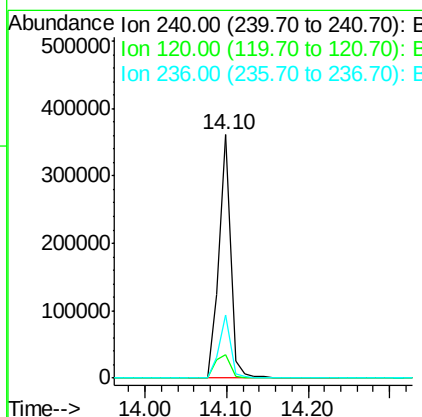
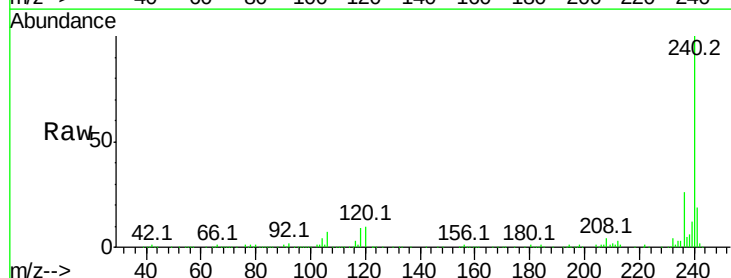
Instrument :
BNA_F
ClientSampled :

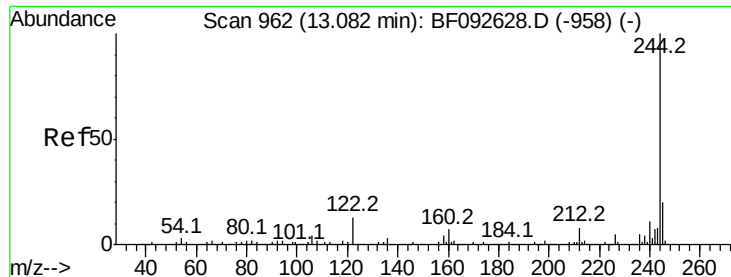
Tot Ion:248 Resp: 17915
Ion Ratio Lower Upper
248 100
250 189.8 76.9 115.3#
141 584.8 68.2 102.4#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.10 min Scan# 1051
Delta R.T. -0.05 min
Lab File: BF092771.D
Acq: 3 Feb 2017 11:10

Tgt Ion:240 Resp: 360853
Ion Ratio Lower Upper
240 100
120 9.8 12.9 19.3#
236 26.0 20.9 31.3





#78

Terphenyl-d14

Concen: 74.09 ng

RT: 13.05 min Scan# 959

Delta R.T. -0.03 min

Lab File: BF092771.D

Acq: 3 Feb 2017 11:10

Instrument :

BNA_F

ClientSampleId :

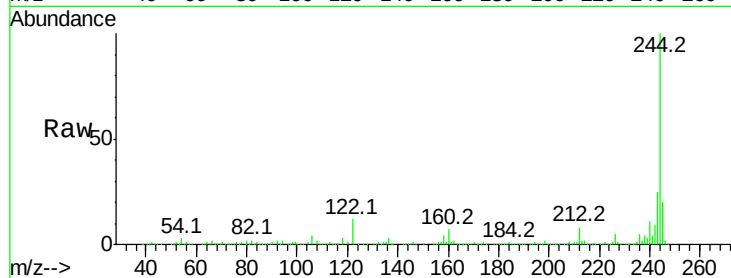
Tot Ion:244 Resp: 1137905

Ion Ratio Lower Upper

244 100

212 7.6 6.2 9.2

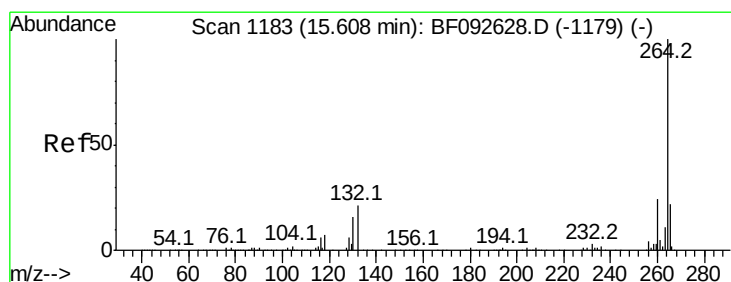
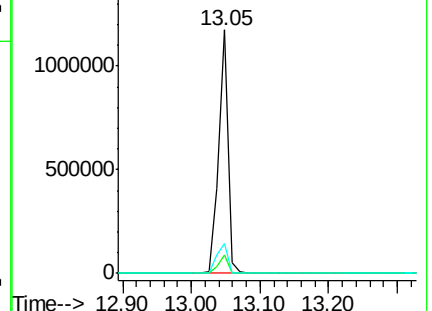
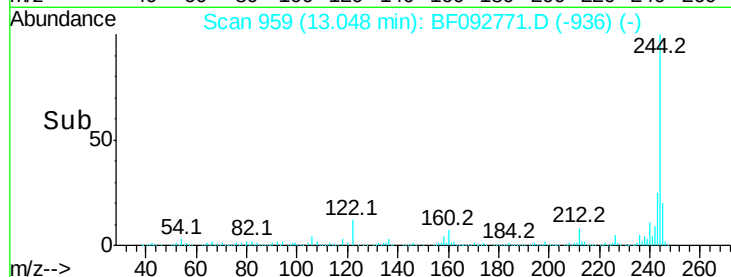
122 12.1 11.4 17.2



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: 15.56 min Scan# 1179

Delta R.T. -0.05 min

Lab File: BF092771.D

Acq: 3 Feb 2017 11:10

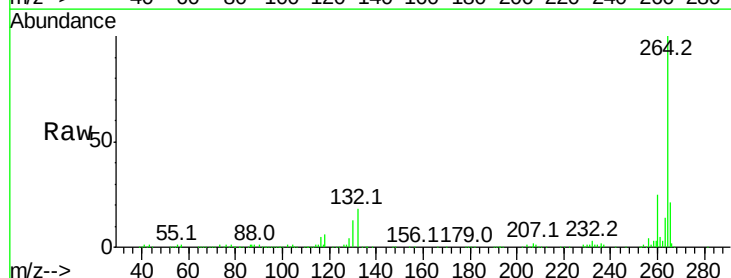
Tgt Ion:264 Resp: 339180

Ion Ratio Lower Upper

264 100

260 24.9 19.2 28.8

265 21.2 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

