

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020217\
 Data File : BF092740.D
 Acq On : 2 Feb 2017 17:37
 Operator : SJ/MA
 Sample : I1665-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ROLL-OFF-2532-COMP-0-2FT

Quant Time: Feb 02 23:54:27 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

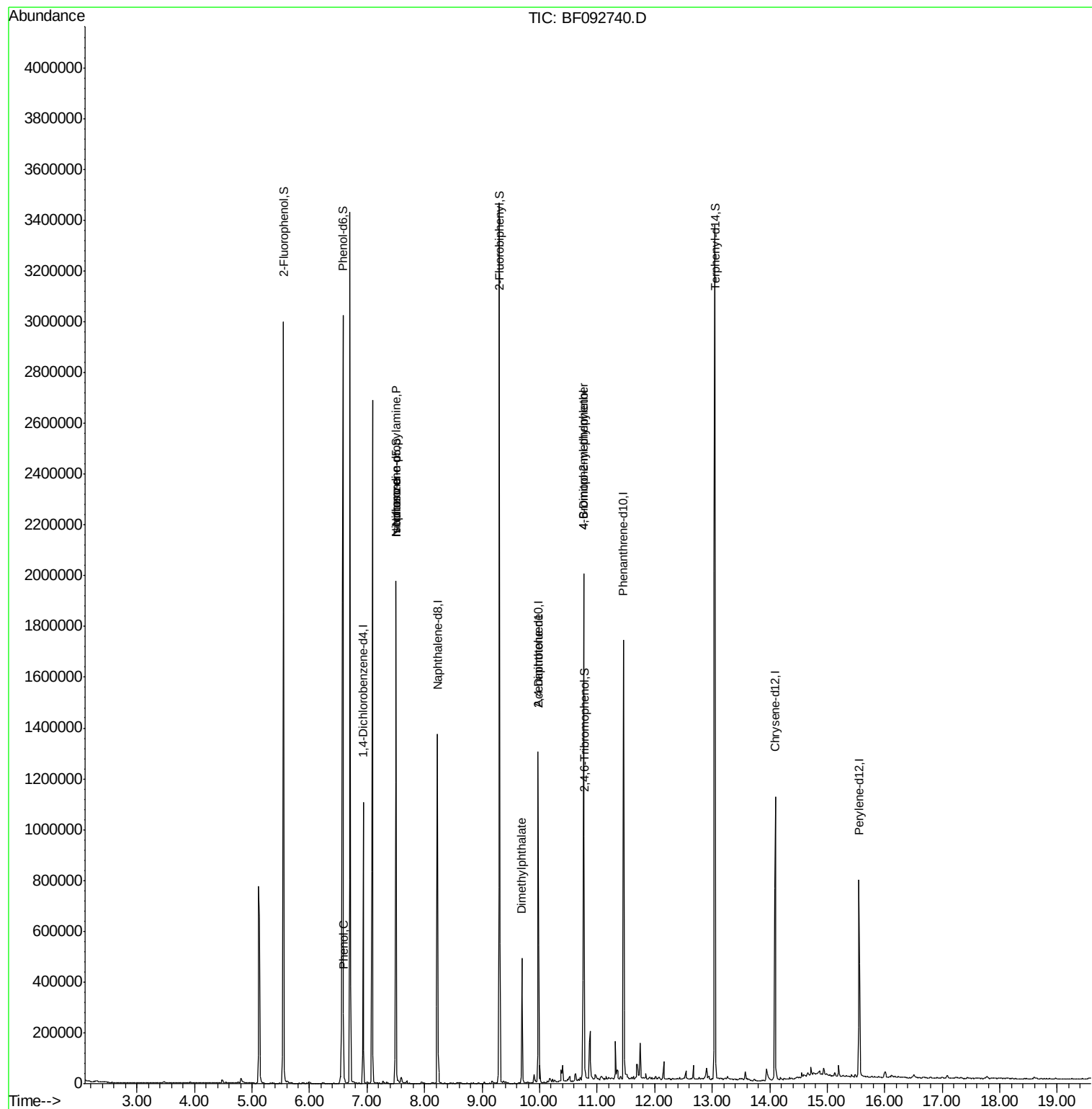
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	156124	20.00	ng	-0.03
21) Naphthalene-d8	8.22	136	615514	20.00	ng	-0.03
38) Acenaphthene-d10	9.97	164	326096	20.00	ng	-0.03
63) Phenanthrene-d10	11.46	188	603897	20.00	ng	-0.03
75) Chrysene-d12	14.10	240	491673	20.00	ng	-0.05
86) Perylene-d12	15.55	264	366127	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	981653	107.87	ng	-0.02
7) Phenol-d6	6.58	99	1246563	106.46	ng	-0.02
23) Nitrobenzene-d5	7.50	82	776122	70.22	ng	-0.03
41) 2,4,6-Tribromophenol	10.77	330	280266	118.83	ng	-0.03
44) 2-Fluorobiphenyl	9.30	172	1143876	63.55	ng	-0.03
78) Terphenyl-d14	13.05	244	1235221	59.03	ng	-0.03
Target Compounds						
10) Phenol	6.59	94	77076	5.63	ng	# 63
19) n-Nitroso-di-n-propylamine	7.50	70	100695	13.51	ng	# 77
25) Isophorone	7.50	82	754412	36.63	ng	# 65
49) Dimethylphthalate	9.69	163	289456	13.18	ng	# 99
56) 2,4-Dinitrotoluene	9.97	165	41103	6.51	ng	# 20
64) 4,6-Dinitro-2-methylphenol	10.76	198	479	2.79	ng	# 1
66) 4-Bromophenyl-phenylether	10.76	248	19828	3.14	ng	# 1

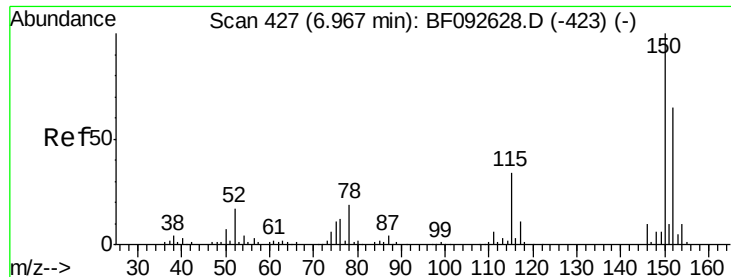
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Jan 30 14:50:05 2017
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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: BF092740.D

Acq: 2 Feb 2017 17:37

Instrument :

BNA_F

ClientSampleId :

ROLL-OFF-2532-COMP-0-2FT

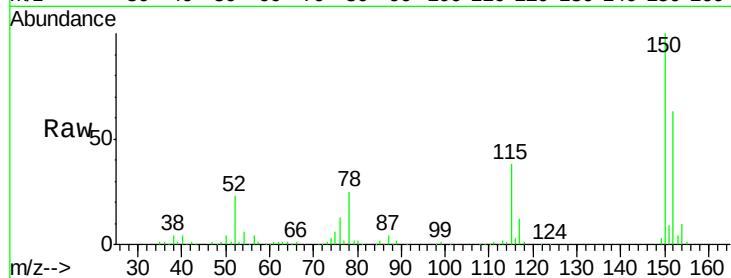
Tgt Ion:152 Resp: 156124

Ion Ratio Lower Upper

152 100

150 157.9 124.9 187.3

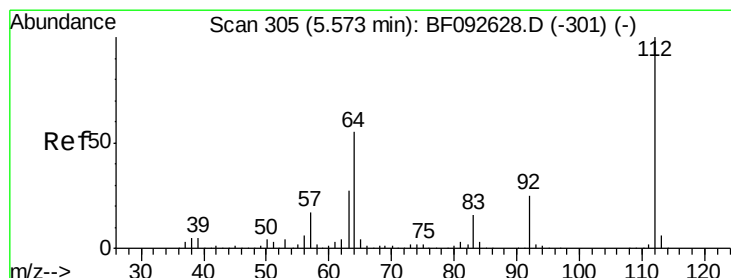
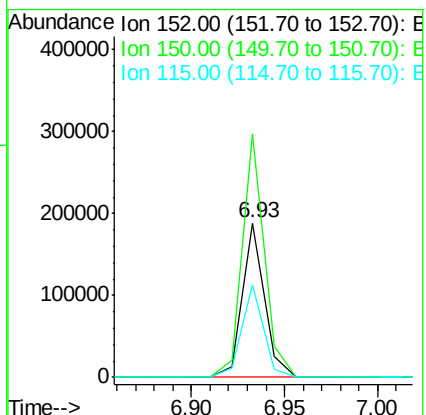
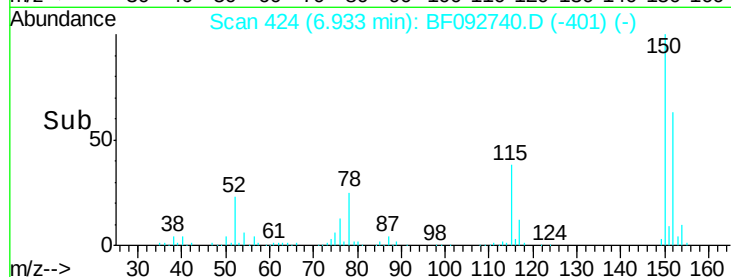
115 59.8 46.0 69.0



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: 107.87 ng

RT: 5.55 min Scan# 303

Delta R.T. -0.02 min

Lab File: BF092740.D

Acq: 2 Feb 2017 17:37

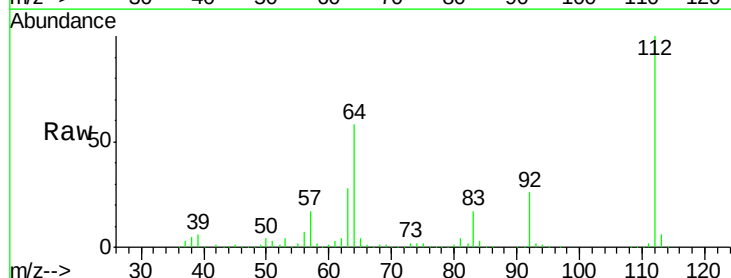
Tgt Ion:112 Resp: 981653

Ion Ratio Lower Upper

112 100

64 57.7 46.1 69.1

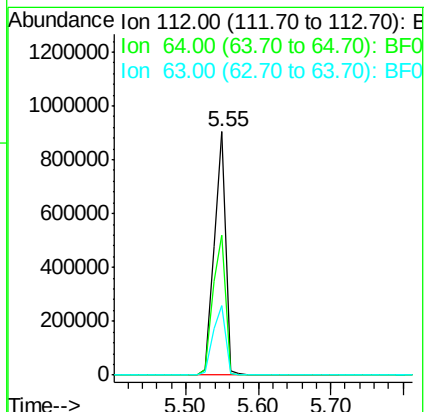
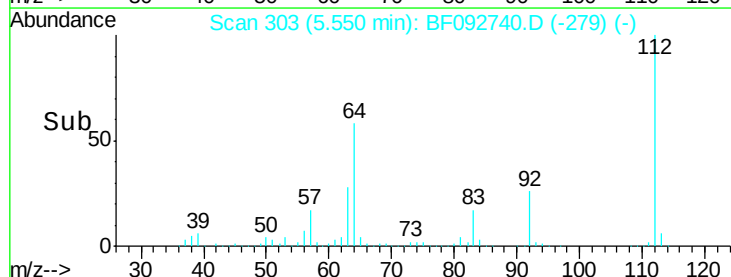
63 28.4 23.8 35.6

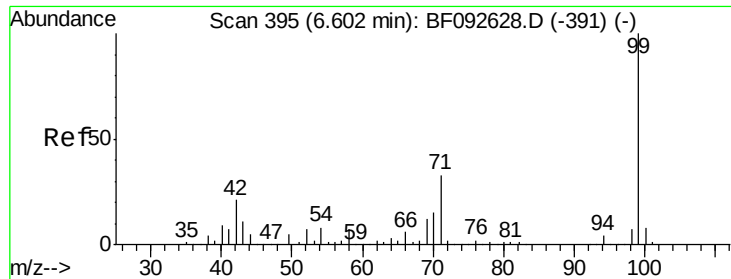


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 106.46 ng

RT: 6.58 min Scan# 393

Delta R.T. -0.02 min

Lab File: BF092740.D

Acq: 2 Feb 2017 17:37

Instrument :

BNA_F

ClientSampleId :

ROLL-OFF-2532-COMP-0-2FT

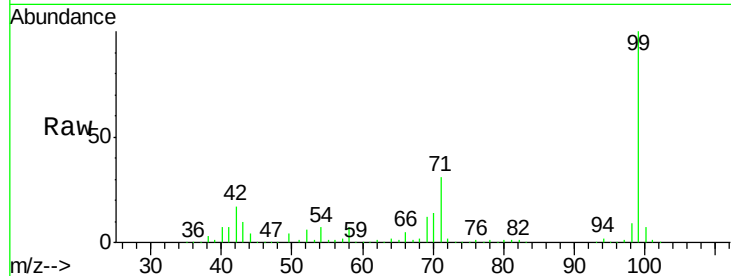
Tgt Ion: 99 Resp: 1246563

Ion Ratio Lower Upper

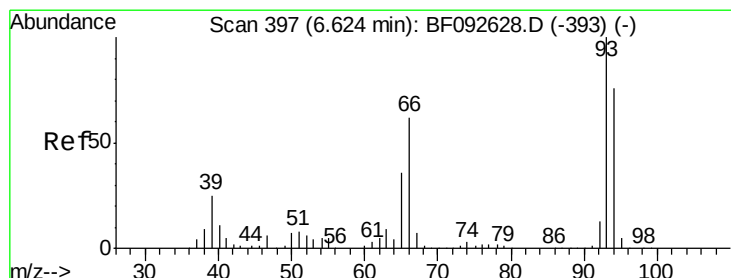
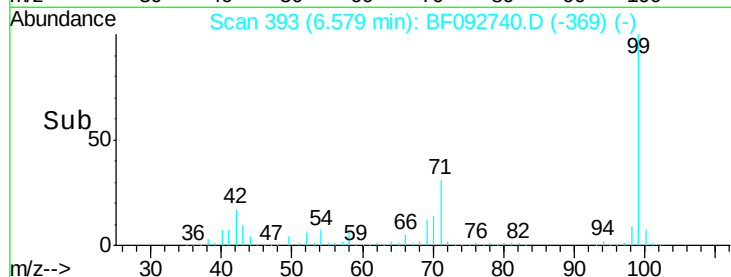
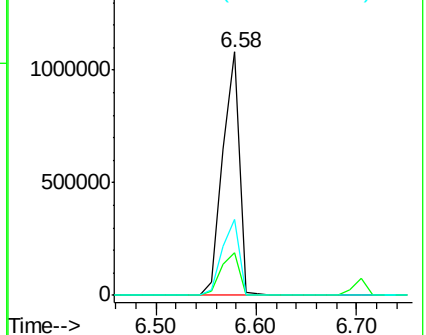
99 100

42 17.5 15.6 23.4

71 31.1 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: 5.63 ng

RT: 6.59 min Scan# 394

Delta R.T. -0.03 min

Lab File: BF092740.D

Acq: 2 Feb 2017 17:37

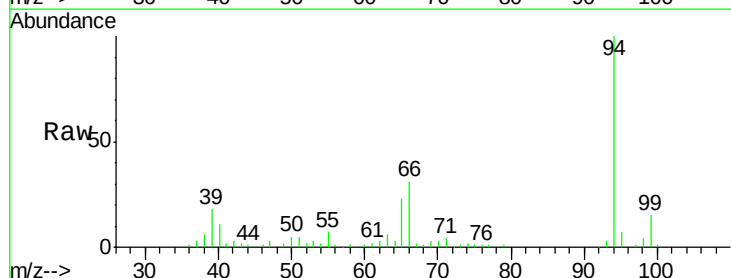
Tgt Ion: 94 Resp: 77076

Ion Ratio Lower Upper

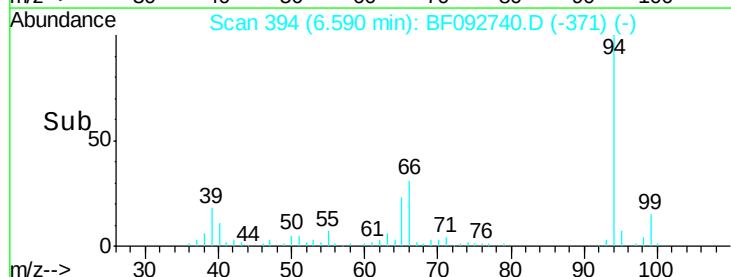
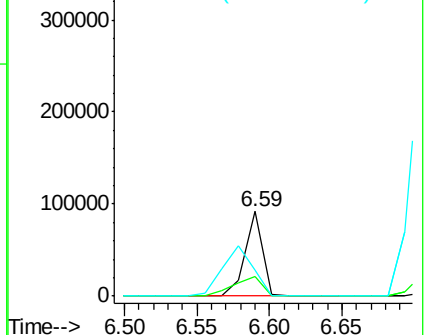
94 100

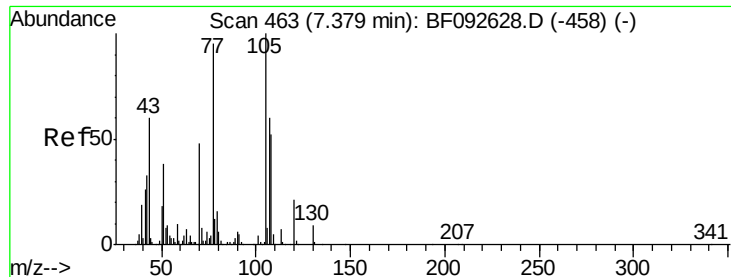
65 22.9 21.4 61.4

66 31.0 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

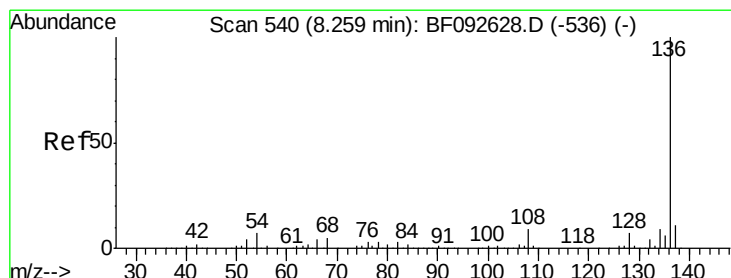
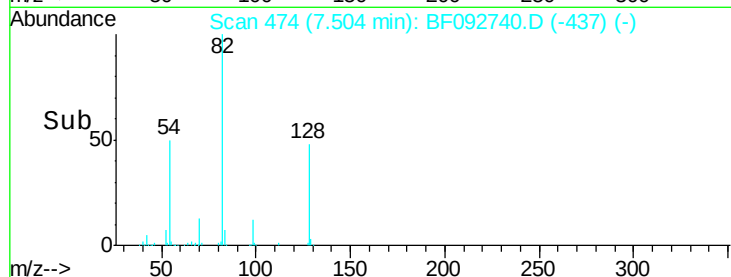
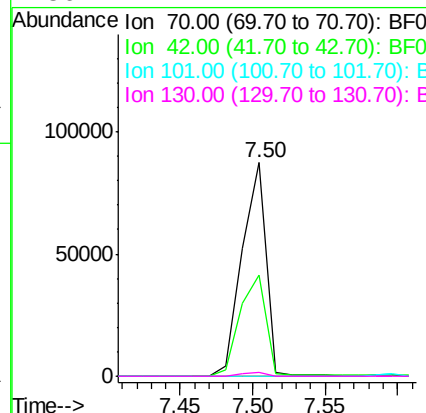
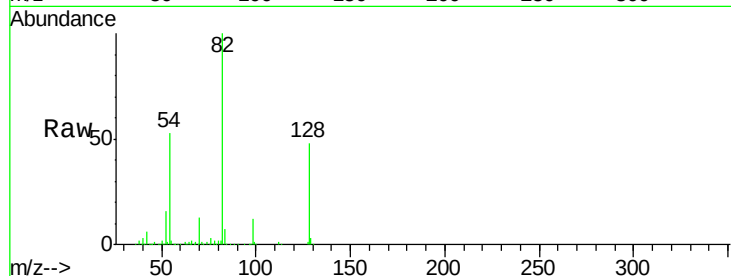




#19
n-Nitroso-di-n-propylamine
Concen: 13.51 ng
RT: 7.50 min Scan# 474
Delta R.T. 0.13 min
Lab File: BF092740.D
Acq: 2 Feb 2017 17:37

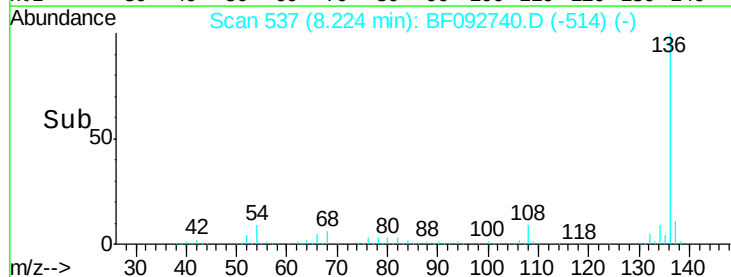
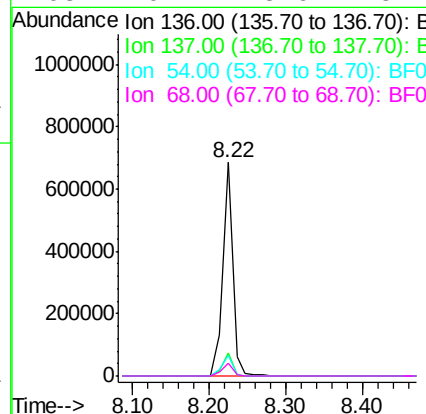
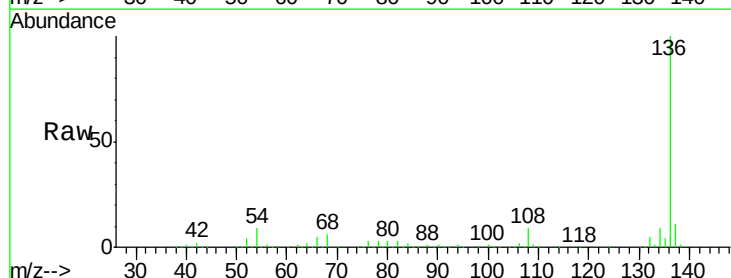
Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-2532-COMP-0-2FT

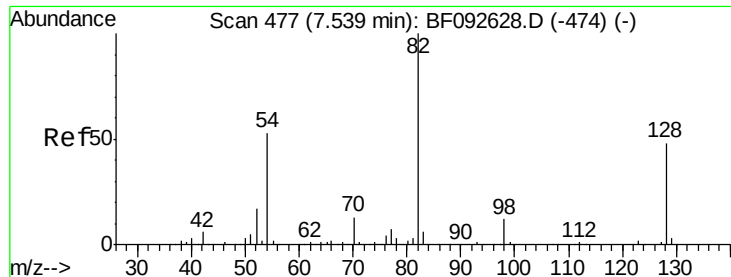
Tgt Ion: 70 Resp: 100695
Ion Ratio Lower Upper
70 100
42 47.3 49.4 74.0#
101 0.0 7.4 11.2#
130 2.1 14.2 21.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.22 min Scan# 537
Delta R.T. -0.03 min
Lab File: BF092740.D
Acq: 2 Feb 2017 17:37

Tgt Ion: 136 Resp: 615514
Ion Ratio Lower Upper
136 100
137 11.0 8.4 12.6
54 9.4 4.5 6.7#
68 6.2 3.6 5.4#

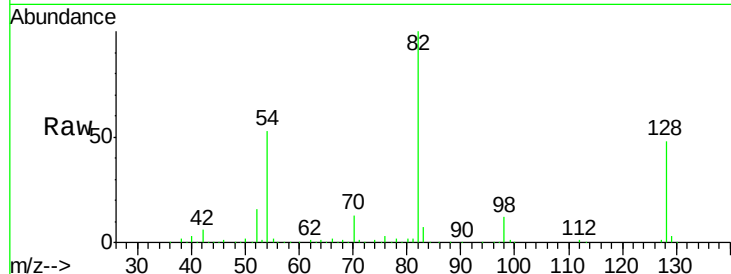




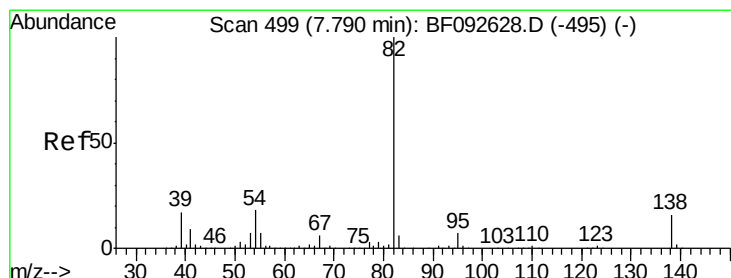
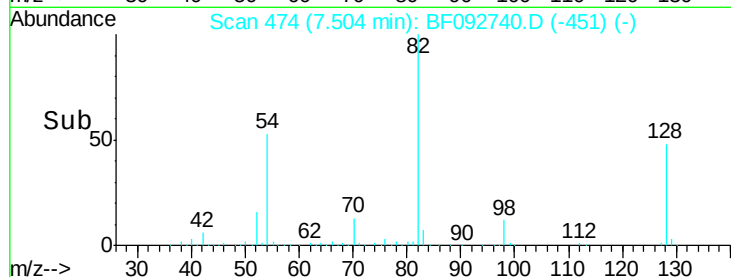
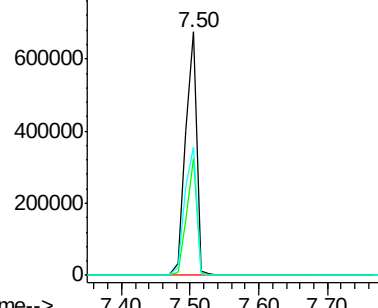
#23
Nitrobenzene-d5
Concen: 70.22 ng
RT: 7.50 min Scan# 474
Delta R.T. -0.03 min
Lab File: BF092740.D
Acq: 2 Feb 2017 17:37

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-2532-COMP-0-2FT

Tgt Ion: 82 Resp: 776122
Ion Ratio Lower Upper
82 100
128 48.1 34.6 52.0
54 52.8 39.5 59.3

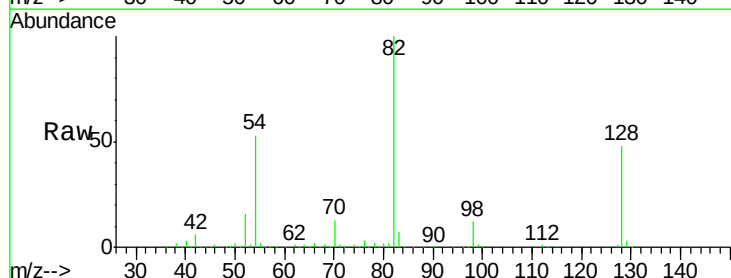


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): BF0
Ion 54.00 (53.70 to 54.70): BF0

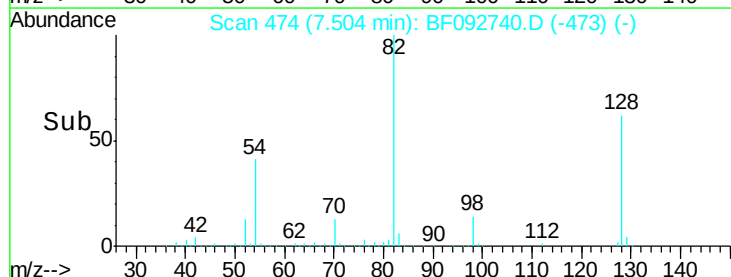
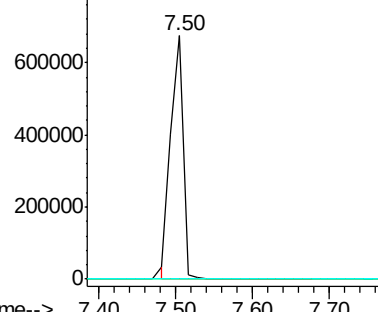


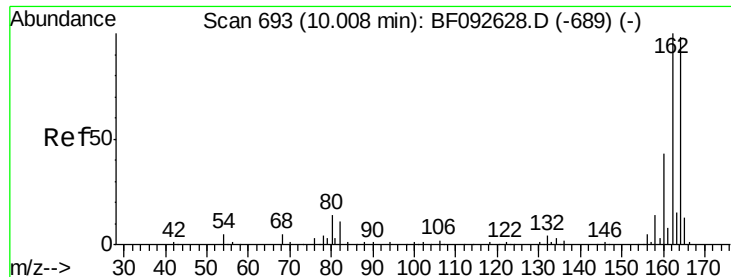
#25
Isophorone
Concen: 36.63 ng
RT: 7.50 min Scan# 474
Delta R.T. -0.29 min
Lab File: BF092740.D
Acq: 2 Feb 2017 17:37

Tgt Ion: 82 Resp: 754412
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: BF092740.D

Acq: 2 Feb 2017 17:37

Instrument :

BNA_F

ClientSampleId :

ROLL-OFF-2532-COMP-0-2FT

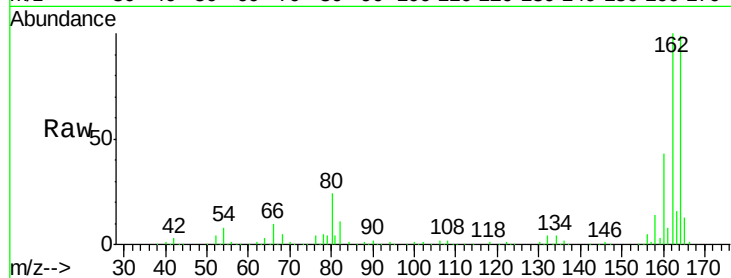
Tgt Ion:164 Resp: 326096

Ion Ratio Lower Upper

164 100

162 101.0 80.2 120.2

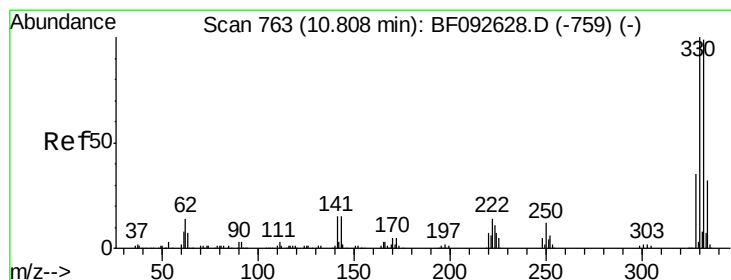
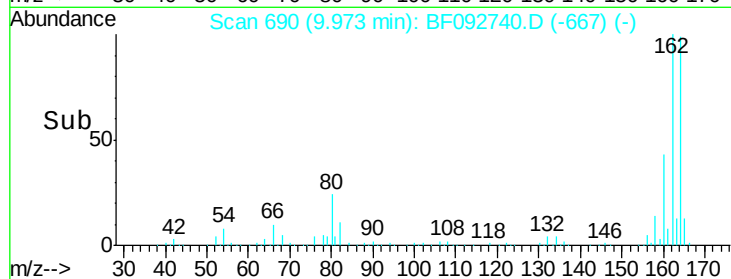
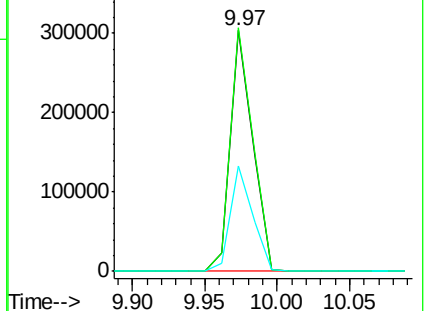
160 43.6 36.9 55.3



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: 118.83 ng

RT: 10.77 min Scan# 760

Delta R.T. -0.03 min

Lab File: BF092740.D

Acq: 2 Feb 2017 17:37

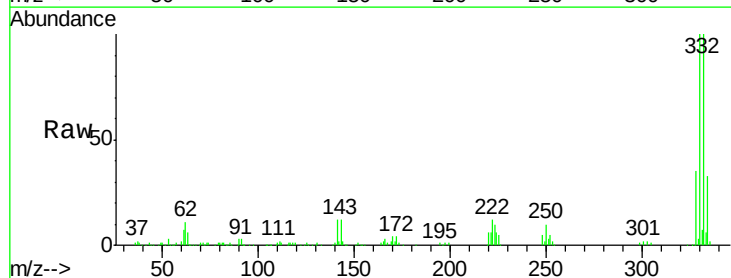
Tgt Ion:330 Resp: 280266

Ion Ratio Lower Upper

330 100

332 97.6 77.4 116.2

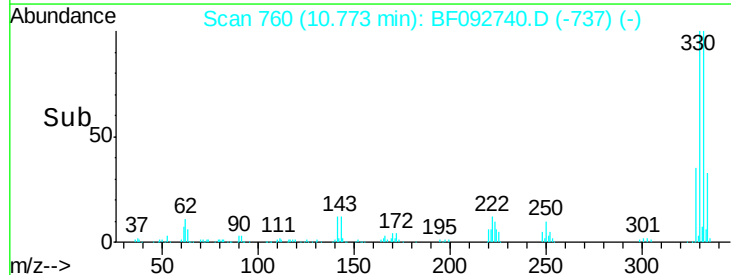
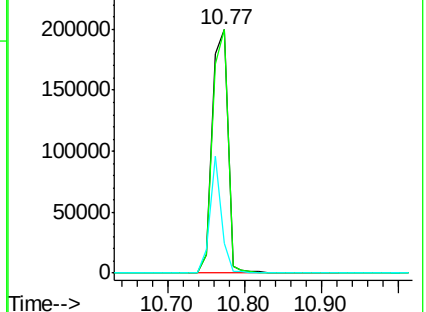
141 35.4 34.1 51.1

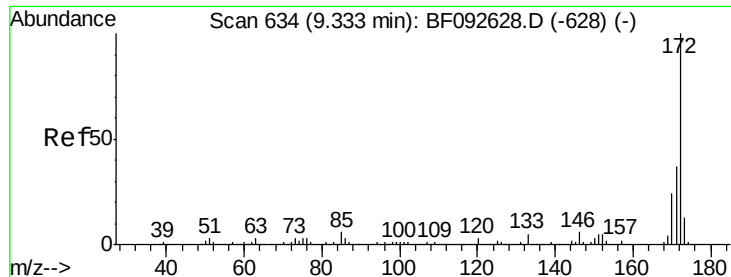


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

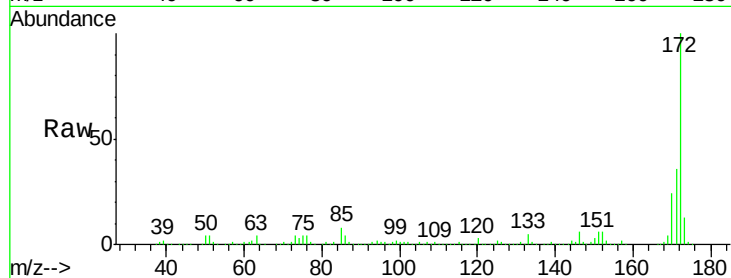




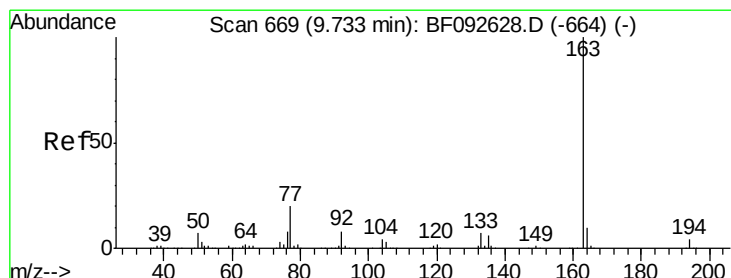
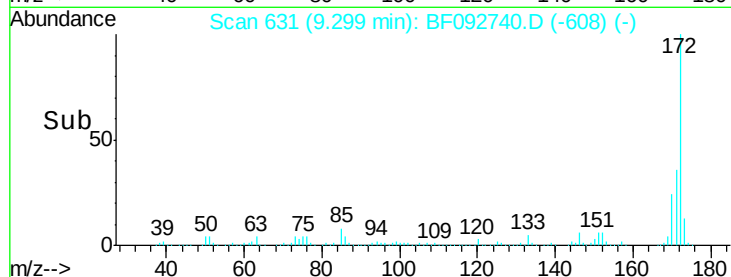
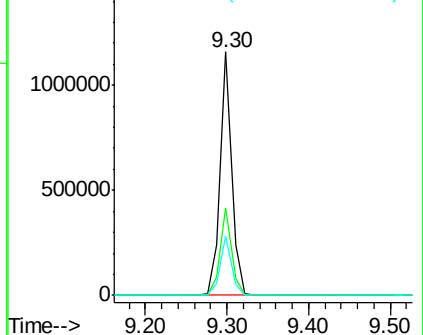
#44
 2-Fluorobiphenyl
 Concen: 63.55 ng
 RT: 9.30 min Scan# 631
 Delta R.T. -0.03 min
 Lab File: BF092740.D
 Acq: 2 Feb 2017 17:37

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Tgt Ion:172 Resp: 1143876
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.4 44.0
 170 24.1 20.2 30.4

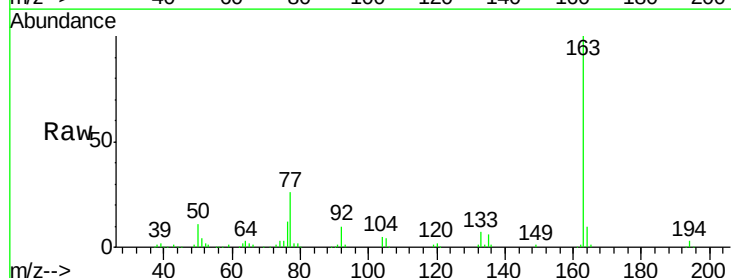


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

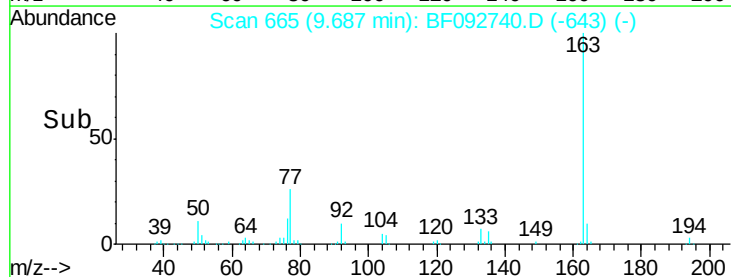
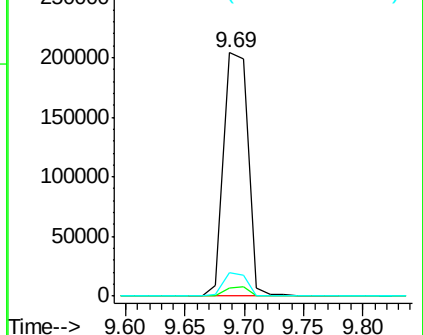


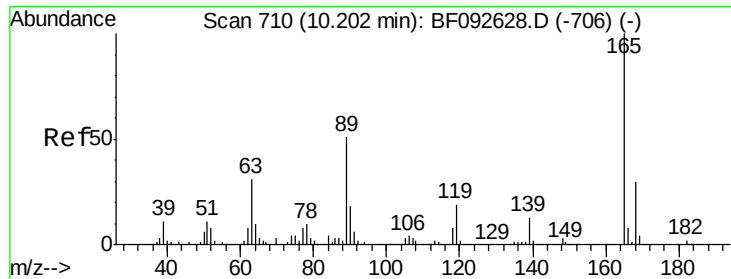
#49
 Dimethylphthalate
 Concen: 13.18 ng
 RT: 9.69 min Scan# 665
 Delta R.T. -0.05 min
 Lab File: BF092740.D
 Acq: 2 Feb 2017 17:37

Tgt Ion:163 Resp: 289456
 Ion Ratio Lower Upper
 163 100
 194 3.1 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

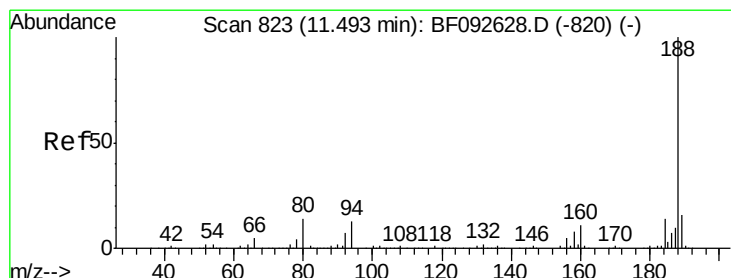
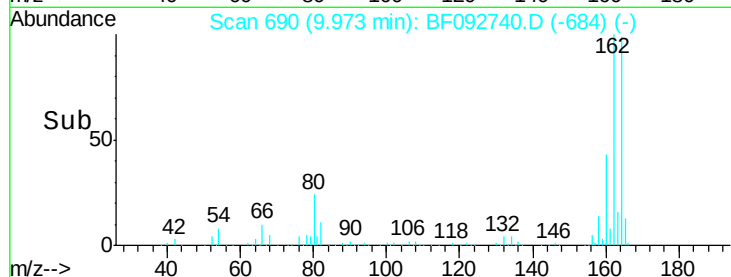
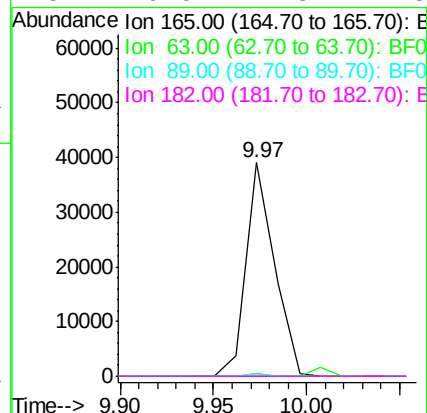
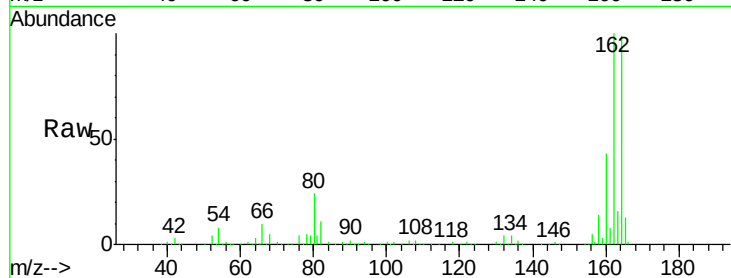




#56
 2,4-Dinitrotoluene
 Concen: 6.51 ng
 RT: 9.97 min Scan# 690
 Delta R.T. -0.23 min
 Lab File: BF092740.D
 Acq: 2 Feb 2017 17:37

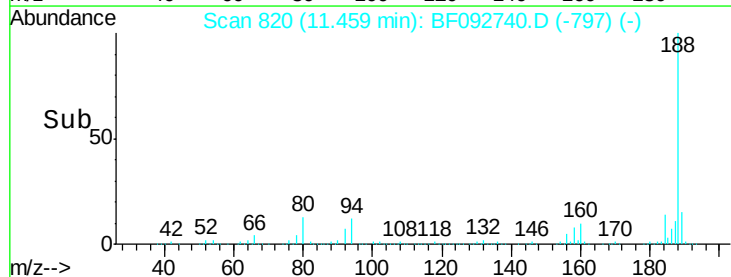
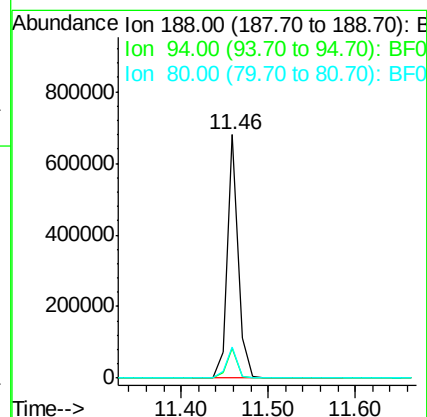
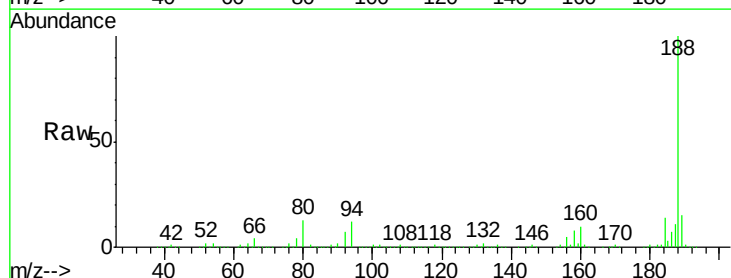
Instrument :
 BNA_F
 ClientSampleId :
 ROLL-OFF-2532-COMP-0-2FT

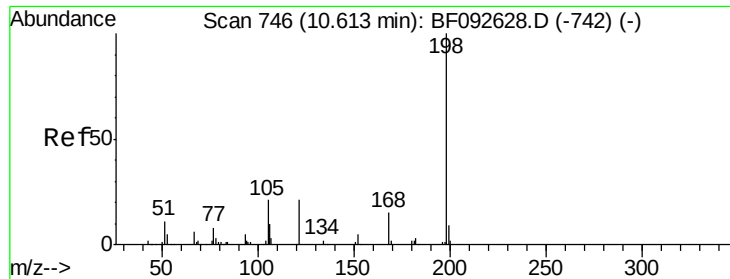
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	40.2	60.4#
89	1.2	62.5	93.7#
182	0.0	1.8	2.8#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.46 min Scan# 820
 Delta R.T. -0.03 min
 Lab File: BF092740.D
 Acq: 2 Feb 2017 17:37

Tgt Ion	Ratio	Lower	Upper
188	100		
94	12.1	10.0	15.0
80	12.8	11.2	16.8





#64

4,6-Dinitro-2-methylphenol

Concen: 2.79 ng

RT: 10.76 min Scan# 759

Delta R.T. 0.15 min

Lab File: BF092740.D

Acq: 2 Feb 2017 17:37

Instrument :

BNA_F

ClientSampleId :

ROLL-OFF-2532-COMP-0-2FT

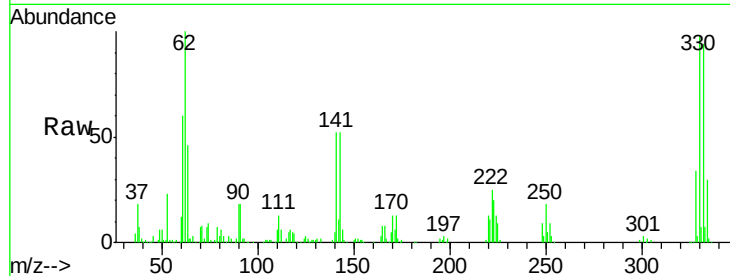
Tgt Ion:198 Resp: 479

Ion Ratio Lower Upper

198 100

51 300.0 6.7 46.7#

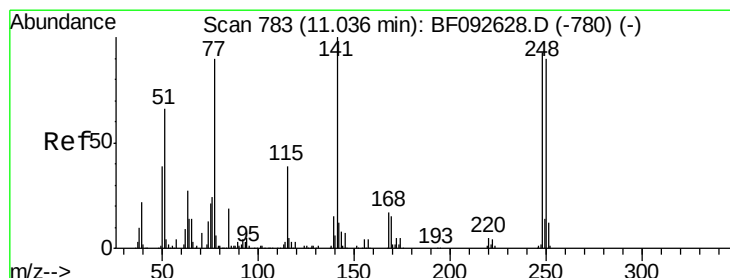
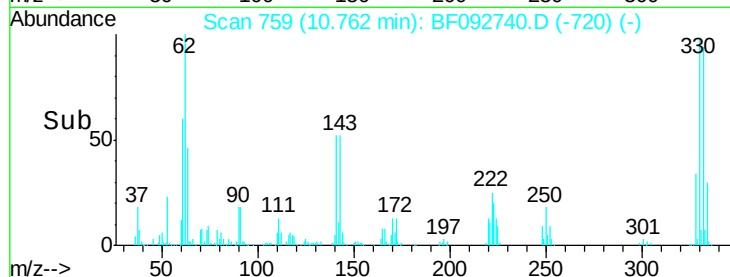
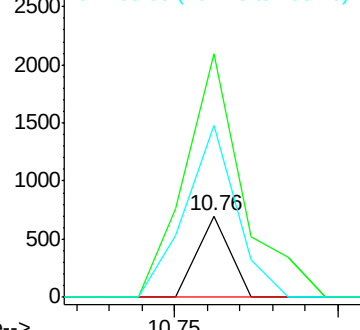
105 212.0 16.6 56.6#



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: BF092740.D

Acq: 2 Feb 2017 17:37

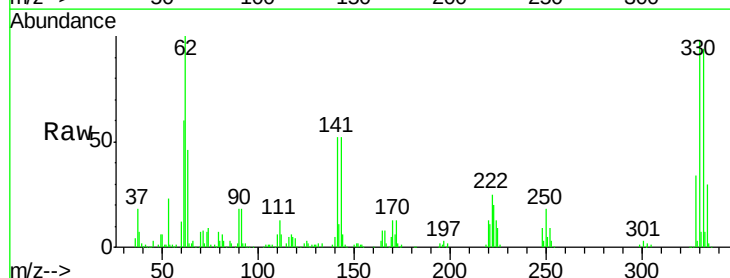
Tgt Ion:248 Resp: 19828

Ion Ratio Lower Upper

248 100

250 204.7 76.9 115.3#

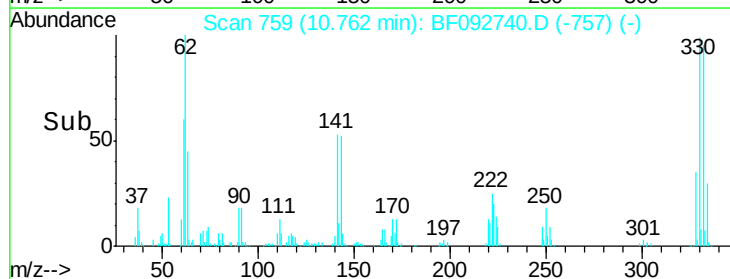
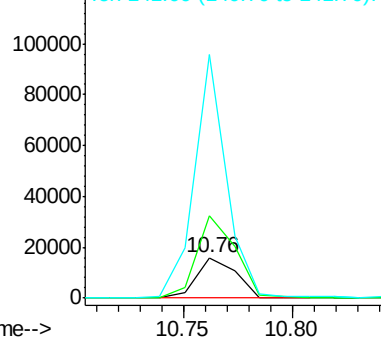
141 602.4 68.2 102.4#

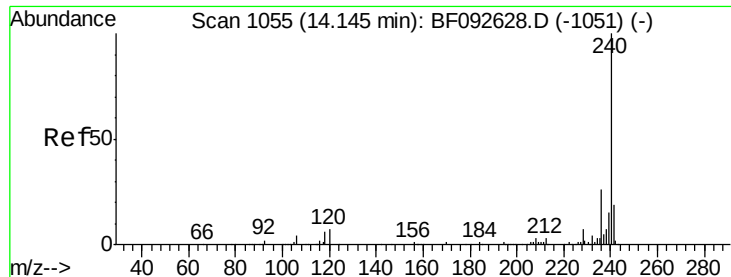


Abundance Ion 248.00 (247.70 to 248.70): E

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: 14.10 min Scan# 1051

Delta R.T. -0.05 min

Lab File: BF092740.D

Acq: 2 Feb 2017 17:37

Instrument :

BNA_F

ClientSampleId :

ROLL-OFF-2532-COMP-0-2FT

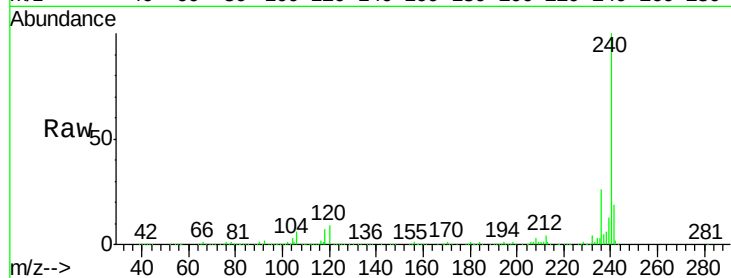
Tgt Ion:240 Resp: 491673

Ion Ratio Lower Upper

240 100

120 9.2 12.9 19.3#

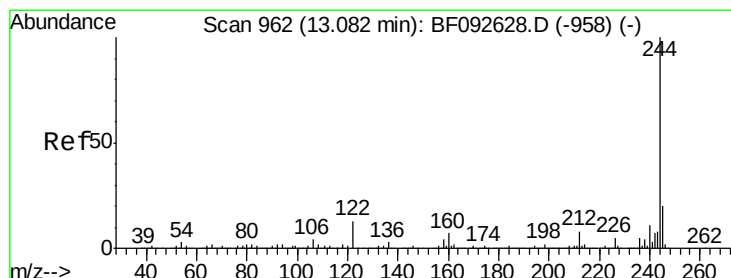
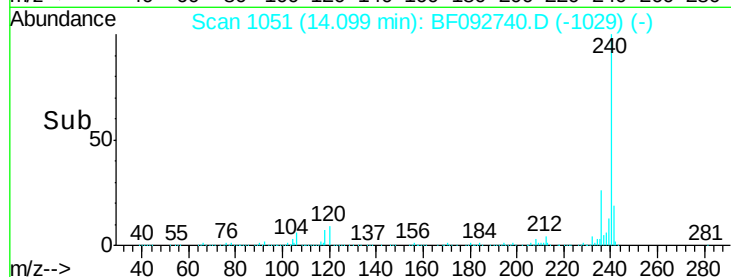
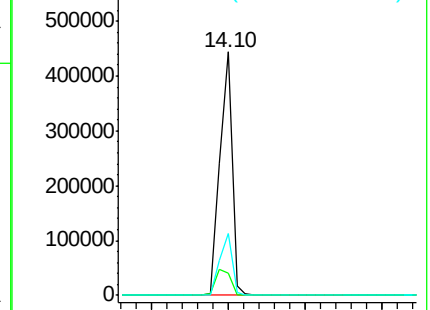
236 25.6 20.9 31.3



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: 59.03 ng

RT: 13.05 min Scan# 959

Delta R.T. -0.03 min

Lab File: BF092740.D

Acq: 2 Feb 2017 17:37

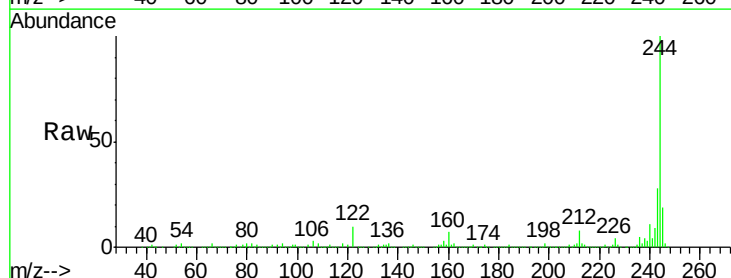
Tgt Ion:244 Resp: 1235221

Ion Ratio Lower Upper

244 100

212 7.5 6.2 9.2

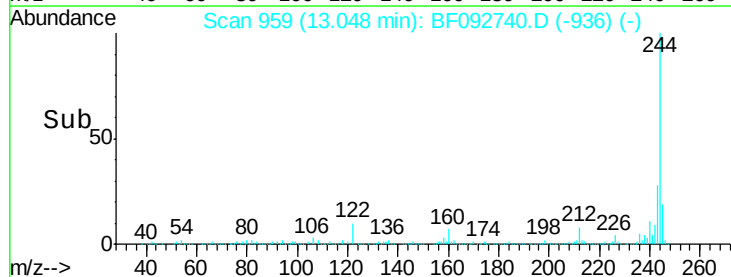
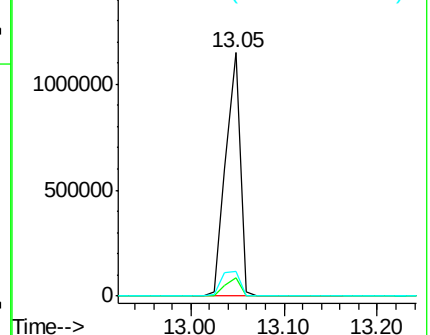
122 10.3 11.4 17.2#

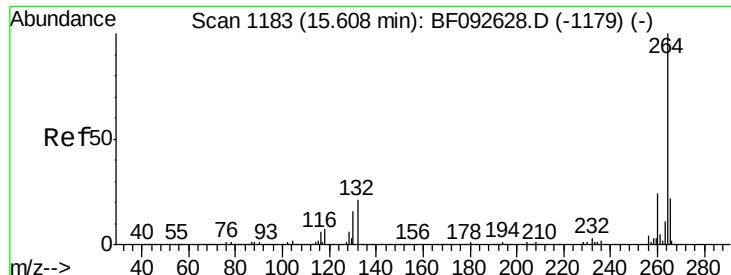


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

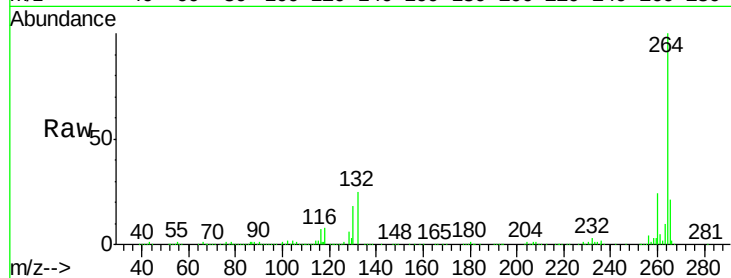




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.55 min Scan# 1178
Delta R.T. -0.06 min
Lab File: BF092740.D
Acq: 2 Feb 2017 17:37

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-2532-COMP-0-2FT

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	21.4	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

