

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012617\
 Data File : BF092557.D
 Acq On : 27 Jan 2017 6:05
 Operator : SJ/MA
 Sample : I1364-01
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

Quant Time: Jan 27 06:37:46 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

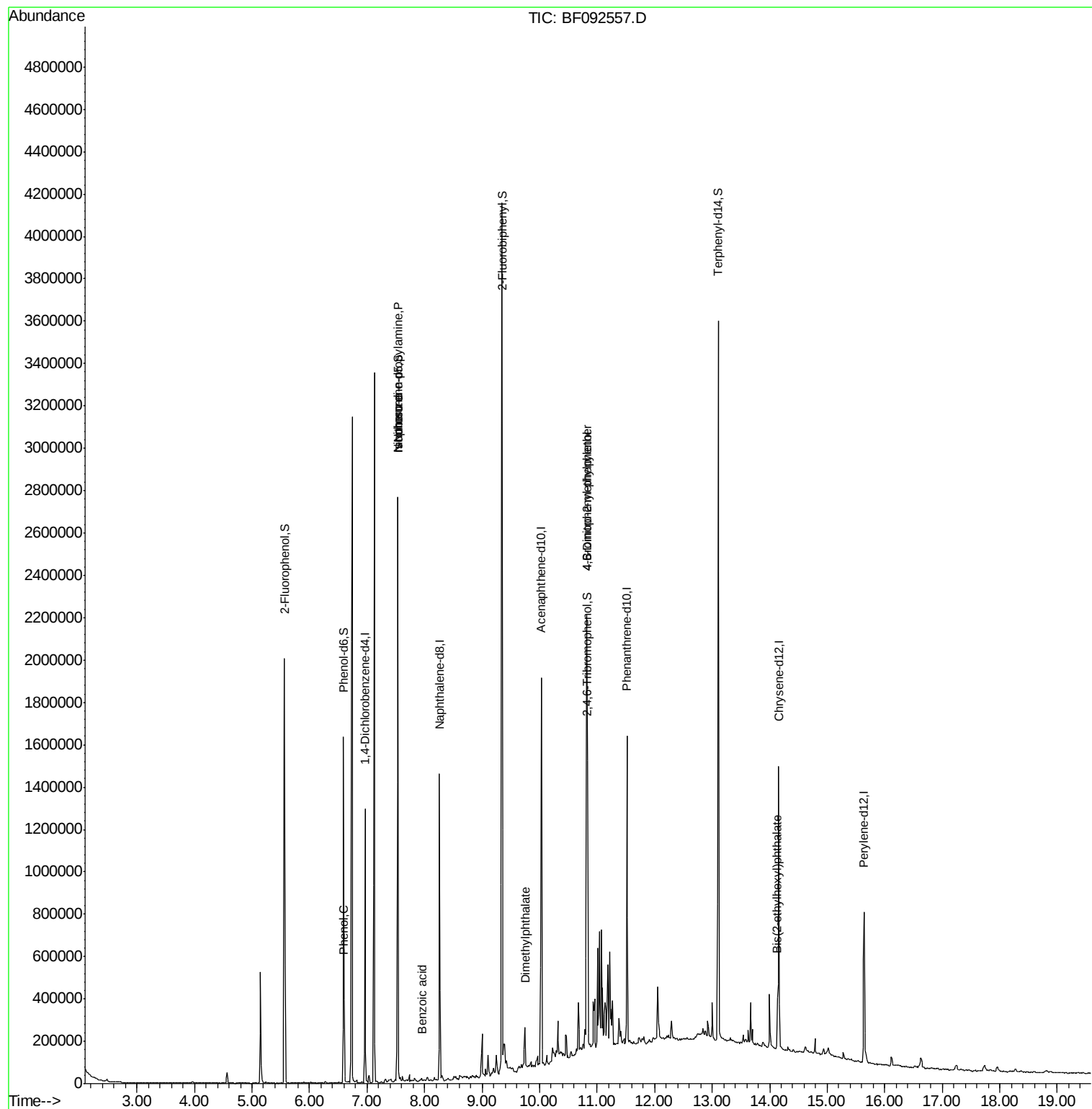
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	171928	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	668186	20.00	ng	-0.01
38) Acenaphthene-d10	10.03	164	395906	20.00	ng	0.00
63) Phenanthrene-d10	11.52	188	604937	20.00	ng	-0.01
75) Chrysene-d12	14.16	240	454603	20.00	ng	-0.01
86) Perylene-d12	15.64	264	351286	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	530515	48.01	ng	0.01
7) Phenol-d6	6.59	99	470881	33.45	ng	0.00
23) Nitrobenzene-d5	7.54	82	1011722	82.71	ng	0.00
41) 2,4,6-Tribromophenol	10.83	330	337796	125.21	ng	0.01
44) 2-Fluorobiphenyl	9.34	172	1478915	69.08	ng	-0.01
78) Terphenyl-d14	13.11	244	1437739	84.22	ng	-0.01
Target Compounds						
10) Phenol	6.60	94	74355	4.38	ng	# 74
19) n-Nitroso-di-n-propylamine	7.54	70	136623	14.25	ng	# 80
25) Isophorone	7.54	82	976299	40.50	ng	# 65
32) Benzoic acid	7.95	122	292	4.73	ng	91
49) Dimethylphthalate	9.74	163	83643	3.32	ng	99
64) 4,6-Dinitro-2-methylphenol	10.82	198	825	5.18	ng	# 1
66) 4-Bromophenyl-phenylether	10.82	248	23823	3.90	ng	# 1
83) Bis(2-ethylhexyl)phthalate	14.13	149	67069	3.99	ng	# 100

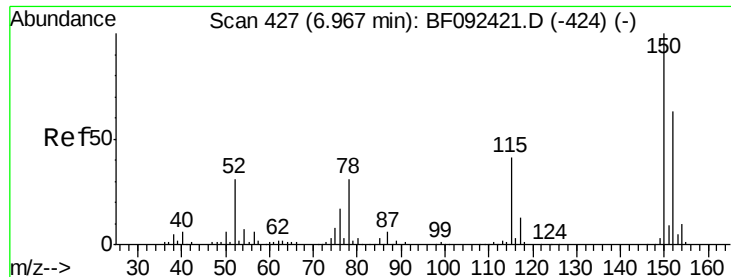
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012617\
Data File : BF092557.D
Acq On : 27 Jan 2017 6:05
Operator : SJ/MA
Sample : I1364-01
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: Jan 27 06:37:46 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





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.97 min Scan# 427

Delta R.T. -0.00 min

Lab File: BF092557.D

Acq: 27 Jan 2017 6:05

Instrument :

BNA_F

ClientSampleId :

DFTPP

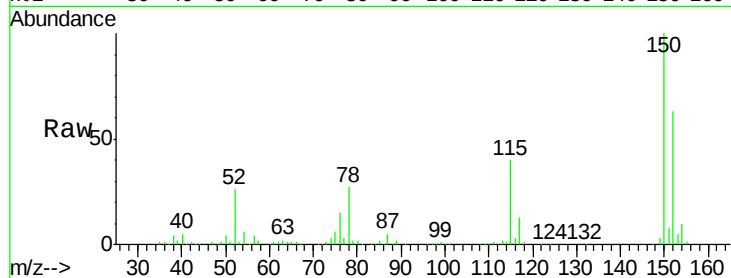
Tgt Ion:152 Resp: 171928

Ion Ratio Lower Upper

152 100

150 159.3 124.9 187.3

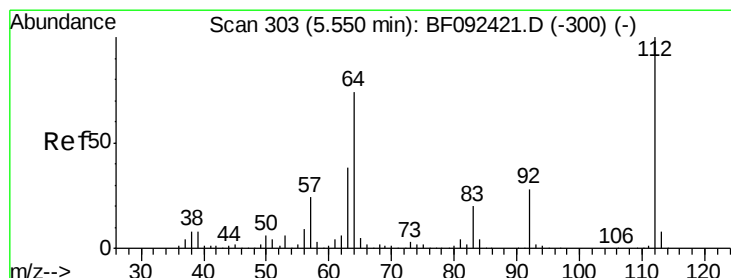
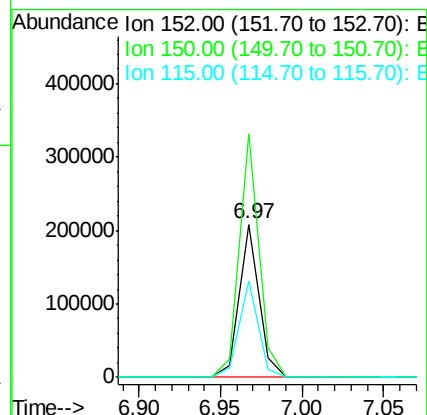
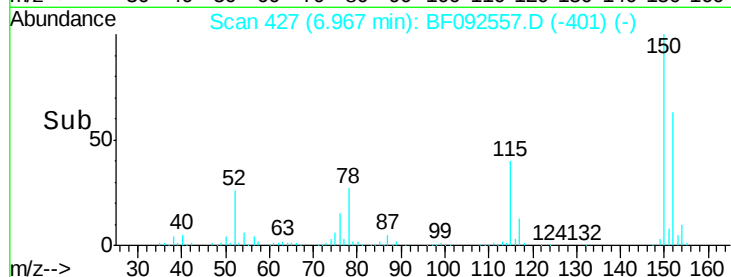
115 63.5 46.0 69.0



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: 48.01 ng

RT: 5.56 min Scan# 304

Delta R.T. 0.01 min

Lab File: BF092557.D

Acq: 27 Jan 2017 6:05

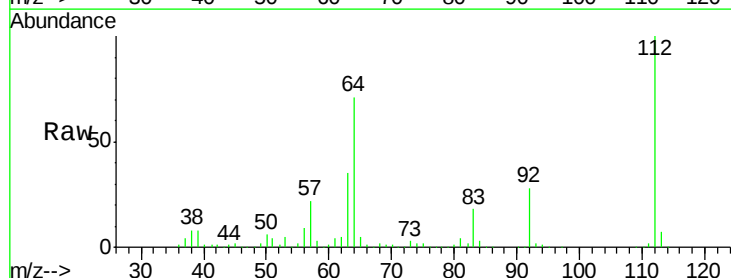
Tgt Ion:112 Resp: 530515

Ion Ratio Lower Upper

112 100

64 71.4 46.1 69.1#

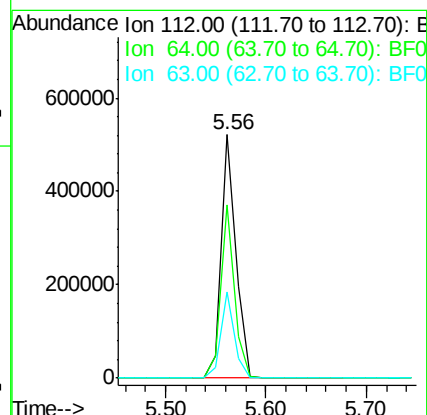
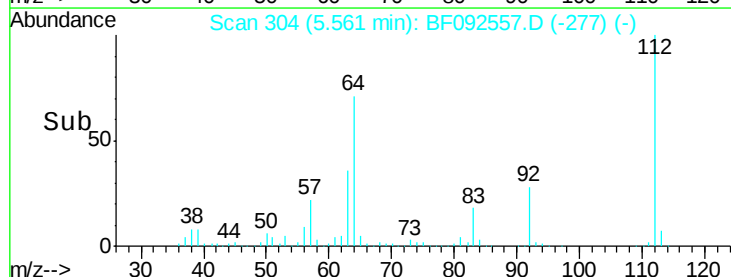
63 35.5 23.8 35.6

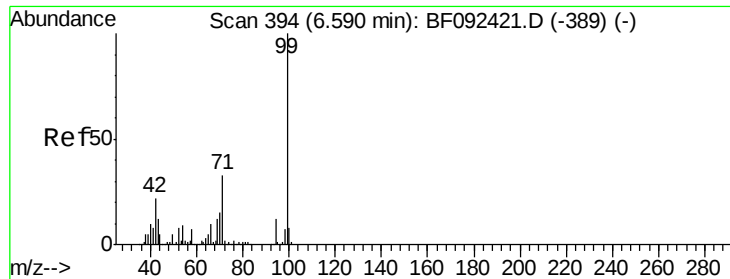


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 33.45 ng

RT: 6.59 min Scan# 394

Delta R.T. -0.00 min

Lab File: BF092557.D

Acq: 27 Jan 2017 6:05

Instrument :

BNA_F

ClientSampleId :

DFTPP

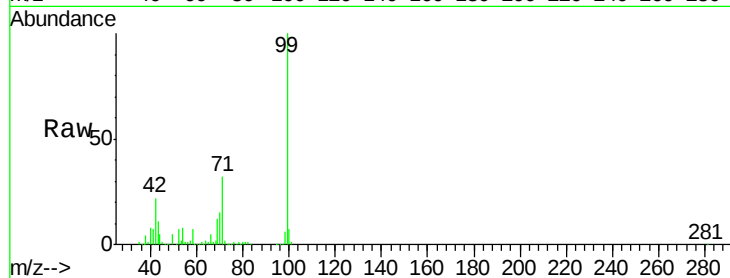
Tgt Ion: 99 Resp: 470881

Ion Ratio Lower Upper

99 100

42 21.7 15.6 23.4

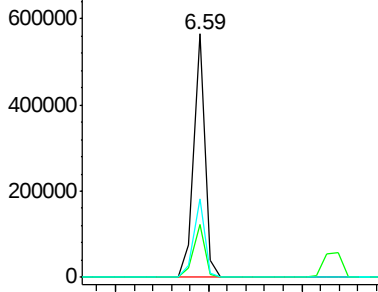
71 32.2 27.5 41.3



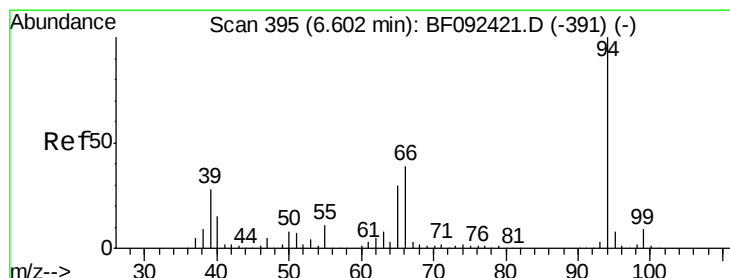
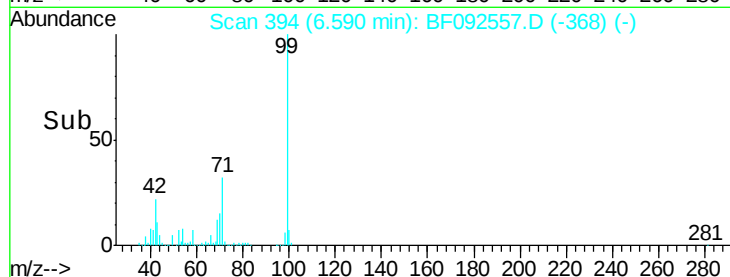
Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



Time-->



#10

Phenol

Concen: 4.38 ng

RT: 6.60 min Scan# 395

Delta R.T. -0.00 min

Lab File: BF092557.D

Acq: 27 Jan 2017 6:05

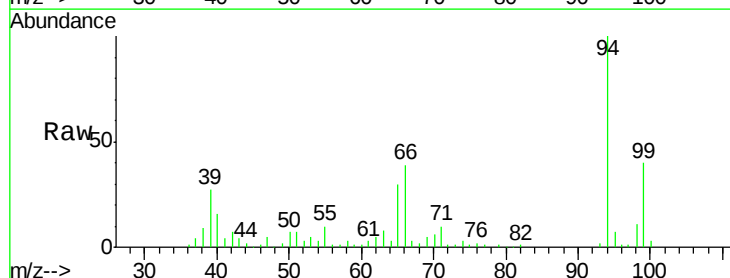
Tgt Ion: 94 Resp: 74355

Ion Ratio Lower Upper

94 100

65 30.3 21.4 61.4

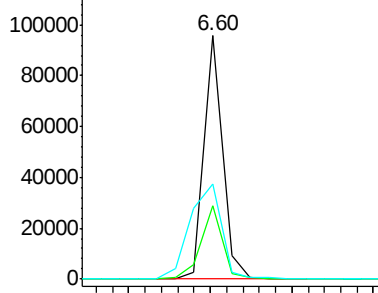
66 39.3 44.0 84.0#



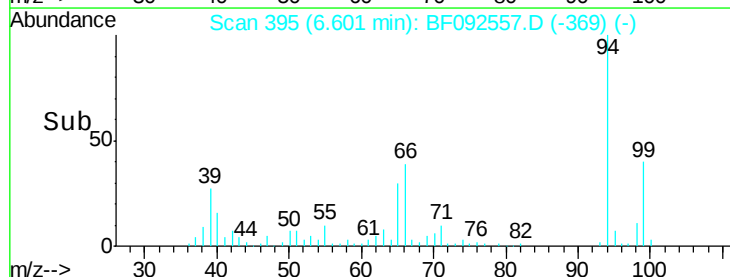
Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0



Time-->

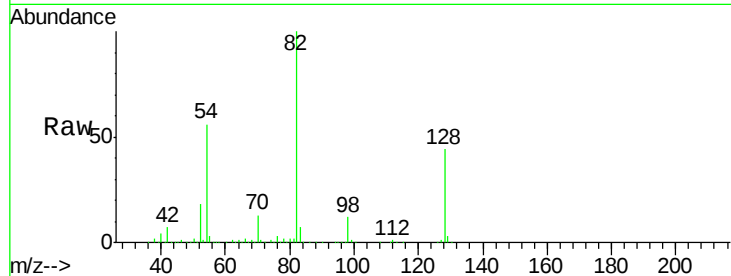




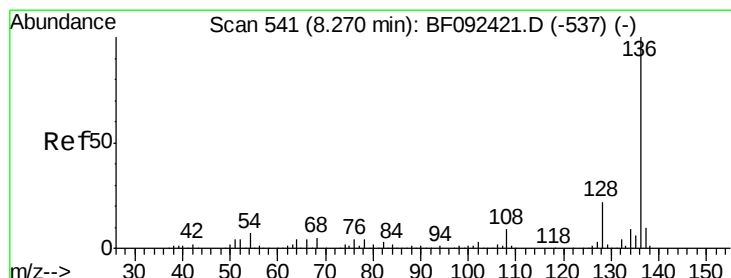
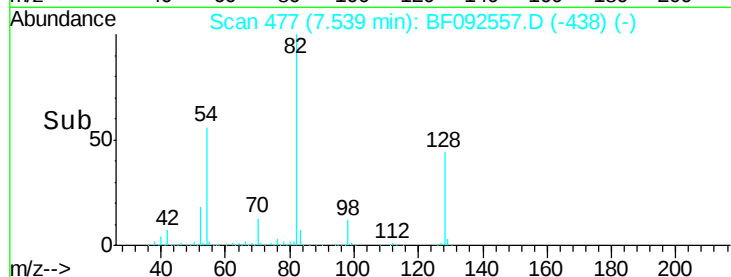
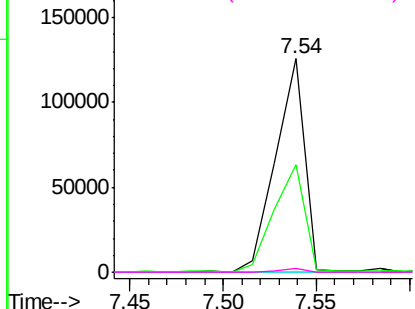
#19
n-Nitroso-di-n-propylamine
Concen: 14.25 ng
RT: 7.54 min Scan# 477
Delta R.T. 0.15 min
Lab File: BF092557.D
Acq: 27 Jan 2017 6:05

Instrument :
BNA_F
ClientSampleId :
DFTPP

Tgt Ion: 70 Resp: 136623
Ion Ratio Lower Upper
70 100
42 50.5 49.4 74.0
101 0.0 7.4 11.2#
130 1.9 14.2 21.4#

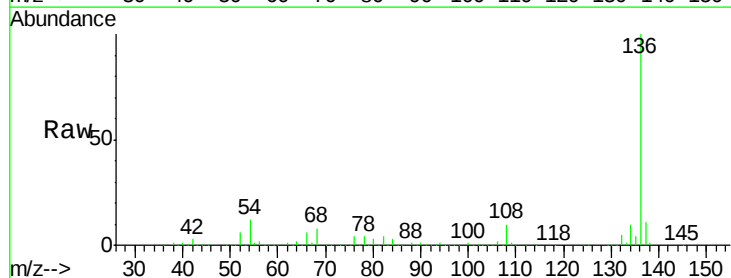


Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

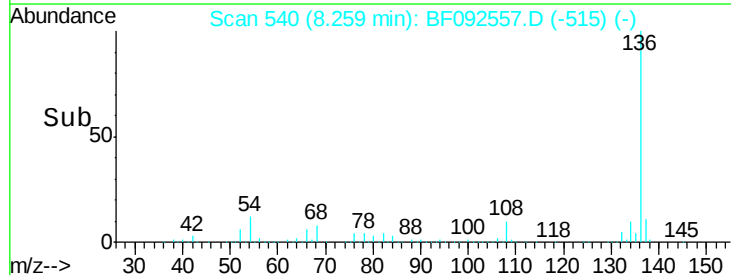
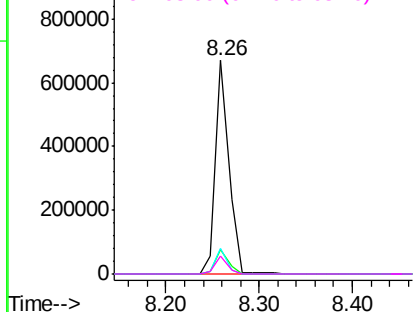


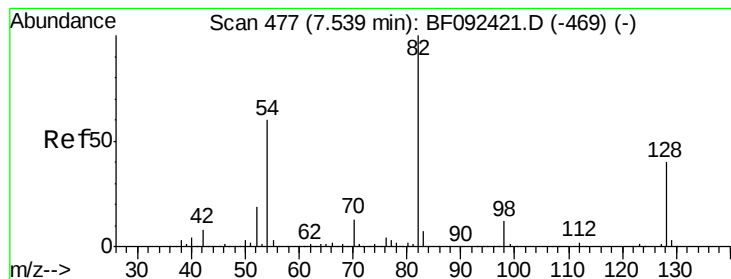
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.26 min Scan# 540
Delta R.T. -0.01 min
Lab File: BF092557.D
Acq: 27 Jan 2017 6:05

Tgt Ion: 136 Resp: 668186
Ion Ratio Lower Upper
136 100
137 11.3 8.4 12.6
54 11.9 4.5 6.7#
68 8.2 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: 82.71 ng

RT: 7.54 min Scan# 477

Delta R.T. -0.00 min

Lab File: BF092557.D

Acq: 27 Jan 2017 6:05

Instrument :

BNA_F

ClientSampleId :

DFTPP

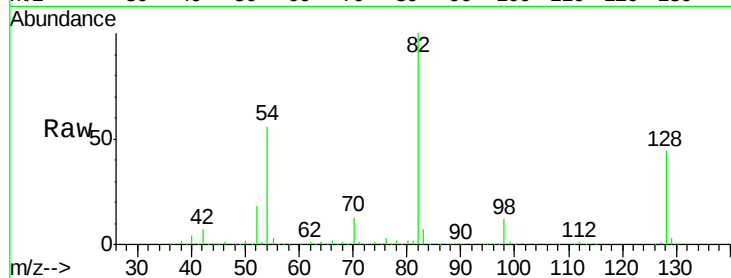
Tgt Ion: 82 Resp: 1011722

Ion Ratio Lower Upper

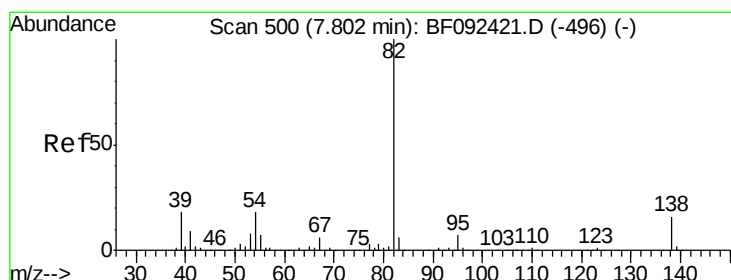
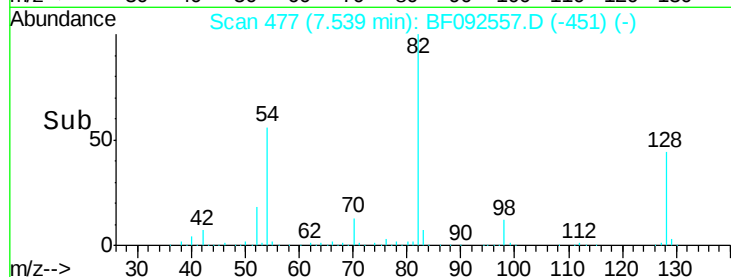
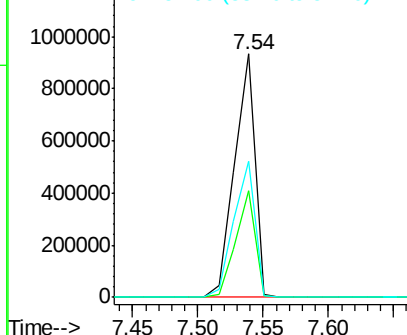
82 100

128 43.7 34.6 52.0

54 56.0 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: 40.50 ng

RT: 7.54 min Scan# 477

Delta R.T. -0.26 min

Lab File: BF092557.D

Acq: 27 Jan 2017 6:05

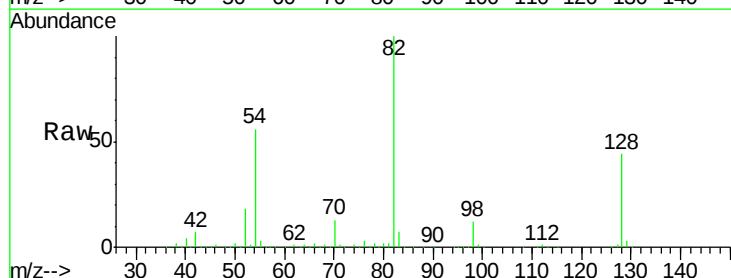
Tgt Ion: 82 Resp: 976299

Ion Ratio Lower Upper

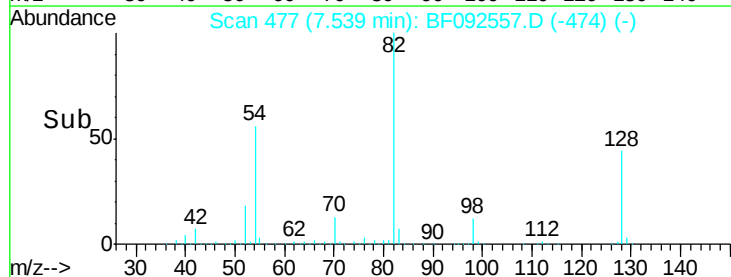
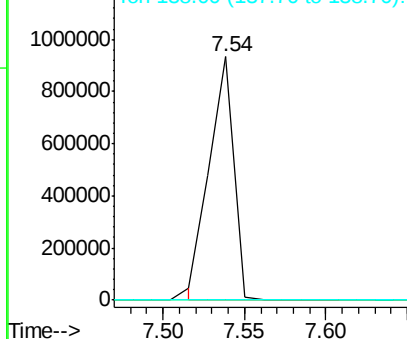
82 100

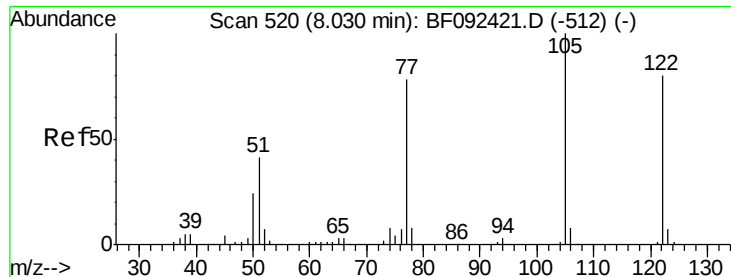
95 0.0 5.6 8.4#

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





#32

Benzoic acid

Concen: 4.73 ng

RT: 7.95 min Scan# 513

Delta R.T. -0.08 min

Lab File: BF092557.D

Acq: 27 Jan 2017 6:05

Instrument :

BNA_F

ClientSampleId :

DFTPP

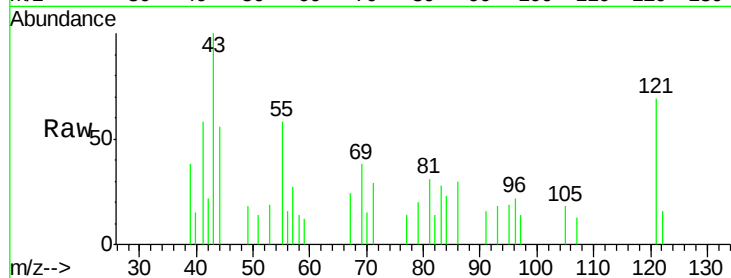
Tgt Ion:122 Resp: 292

Ion Ratio Lower Upper

122 100

105 112.9 107.2 147.2

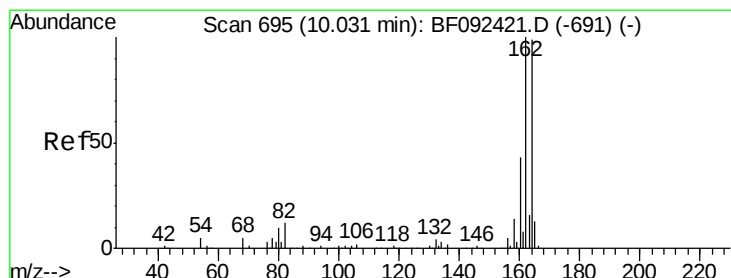
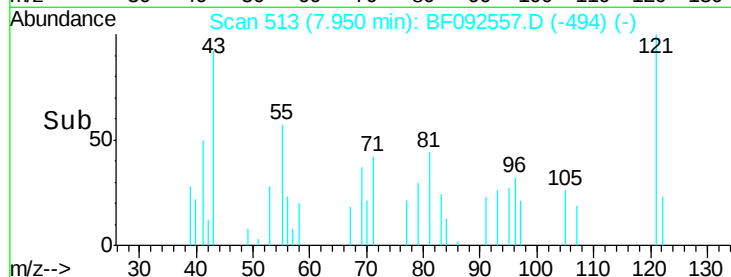
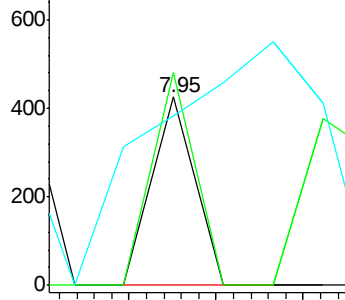
77 89.9 74.5 114.5



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.03 min Scan# 695

Delta R.T. -0.00 min

Lab File: BF092557.D

Acq: 27 Jan 2017 6:05

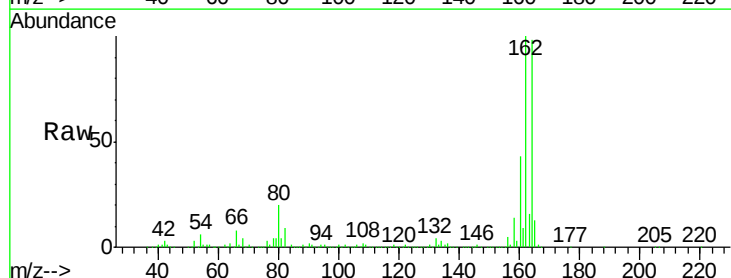
Tgt Ion:164 Resp: 395906

Ion Ratio Lower Upper

164 100

162 101.5 80.2 120.2

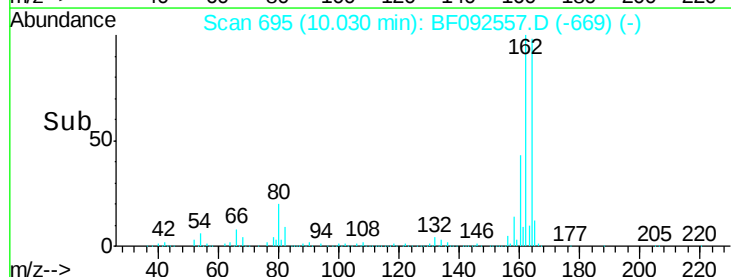
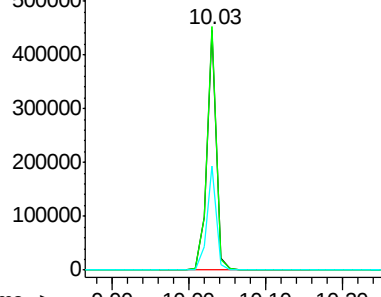
160 43.2 36.9 55.3

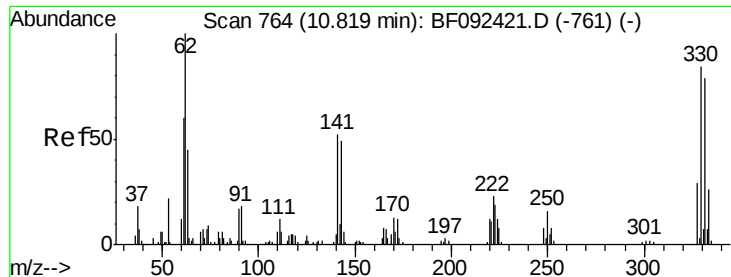


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

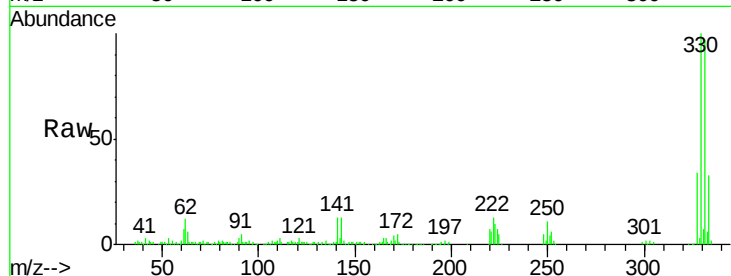




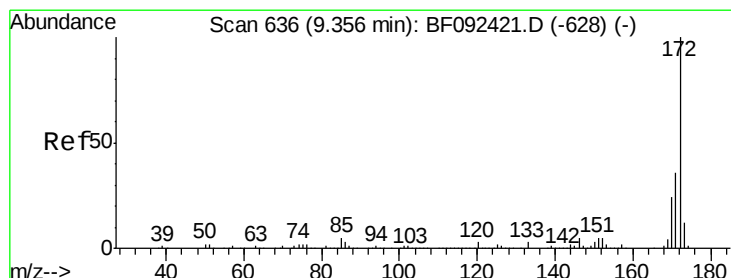
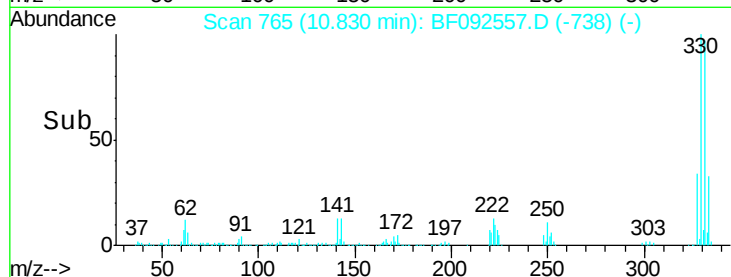
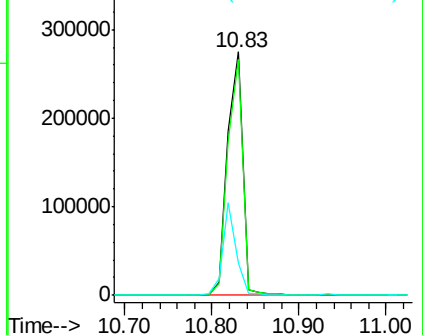
#41
 2,4,6-Tribromophenol
 Concen: 125.21 ng
 RT: 10.83 min Scan# 765
 Delta R.T. 0.01 min
 Lab File: BF092557.D
 Acq: 27 Jan 2017 6:05

Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

Tgt Ion:330 Resp: 337796
 Ion Ratio Lower Upper
 330 100
 332 95.7 77.4 116.2
 141 33.2 34.1 51.1#

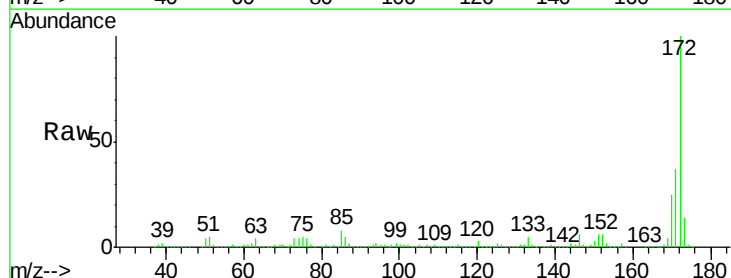


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

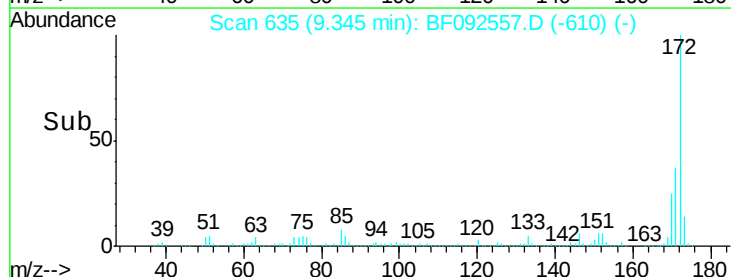
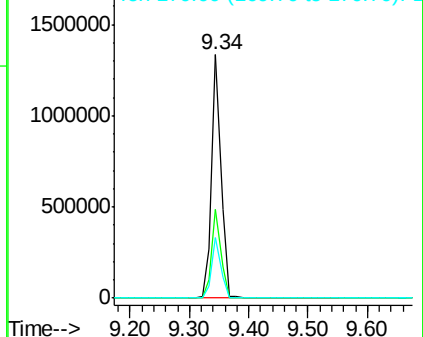


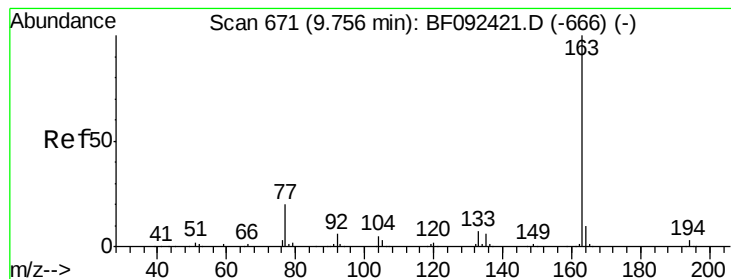
#44
 2-Fluorobiphenyl
 Concen: 69.08 ng
 RT: 9.34 min Scan# 635
 Delta R.T. -0.01 min
 Lab File: BF092557.D
 Acq: 27 Jan 2017 6:05

Tgt Ion:172 Resp: 1478915
 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: 3.32 ng

RT: 9.74 min Scan# 670

Delta R.T. -0.01 min

Lab File: BF092557.D

Acq: 27 Jan 2017 6:05

Instrument :

BNA_F

ClientSampleId :

DFTPP

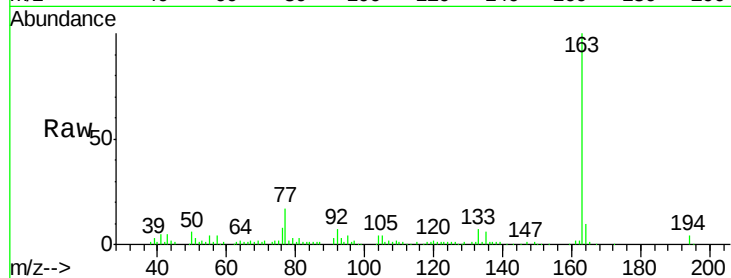
Tgt Ion:163 Resp: 83643

Ion Ratio Lower Upper

163 100

194 4.1 3.0 4.4

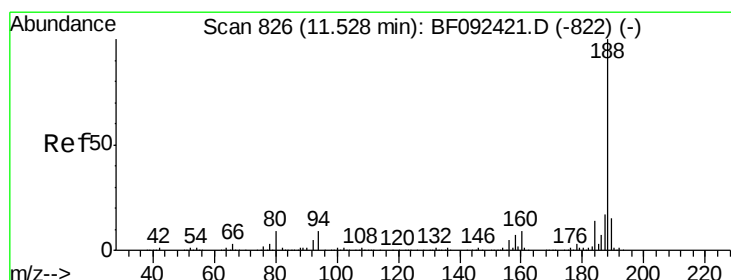
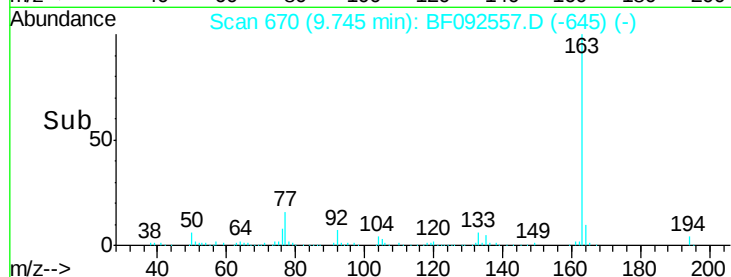
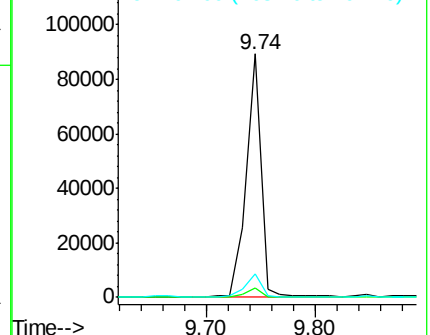
164 9.9 8.0 12.0



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



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.52 min Scan# 825

Delta R.T. -0.01 min

Lab File: BF092557.D

Acq: 27 Jan 2017 6:05

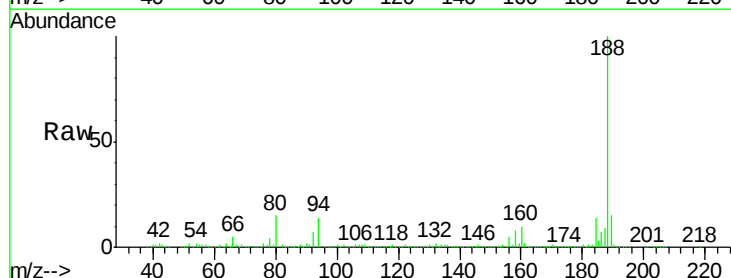
Tgt Ion:188 Resp: 604937

Ion Ratio Lower Upper

188 100

94 13.9 10.0 15.0

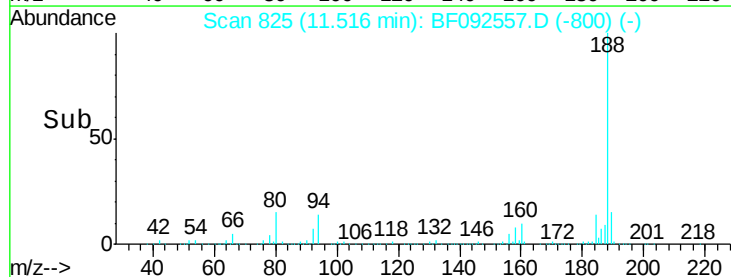
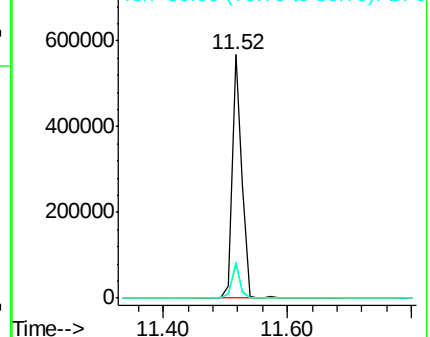
80 15.2 11.2 16.8

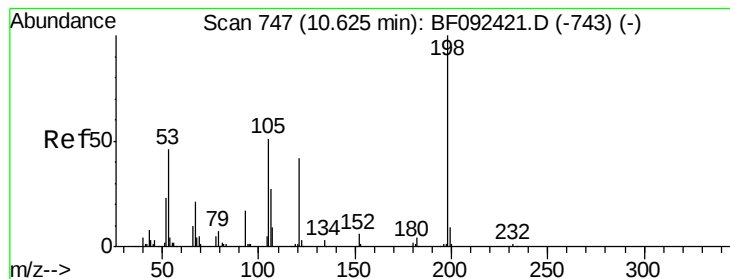


Abundance Ion 188.00 (187.70 to 188.70): E

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: 5.18 ng

RT: 10.82 min Scan# 764

Delta R.T. 0.20 min

Lab File: BF092557.D

Acq: 27 Jan 2017 6:05

Instrument :

BNA_F

ClientSampleId :

DFTPP

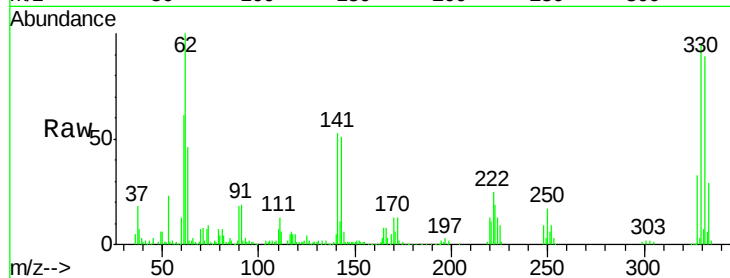
Tgt Ion:198 Resp: 825

Ion Ratio Lower Upper

198 100

51 364.9 6.7 46.7#

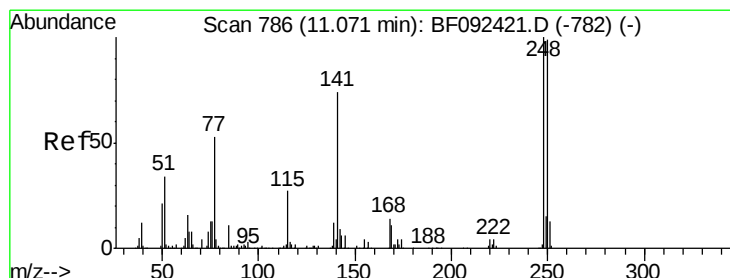
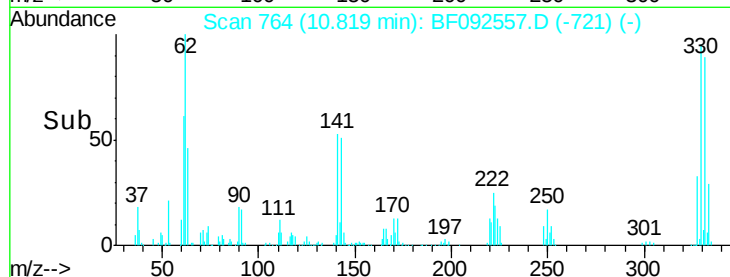
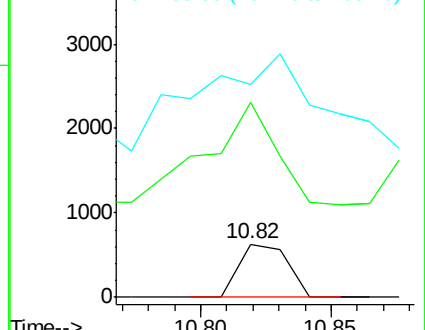
105 399.7 16.6 56.6#



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: 3.90 ng

RT: 10.82 min Scan# 764

Delta R.T. -0.25 min

Lab File: BF092557.D

Acq: 27 Jan 2017 6:05

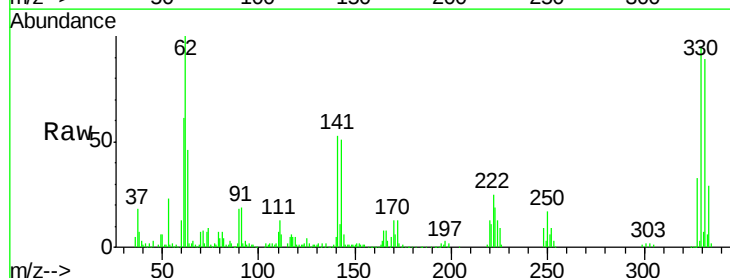
Tgt Ion:248 Resp: 23823

Ion Ratio Lower Upper

248 100

250 199.2 76.9 115.3#

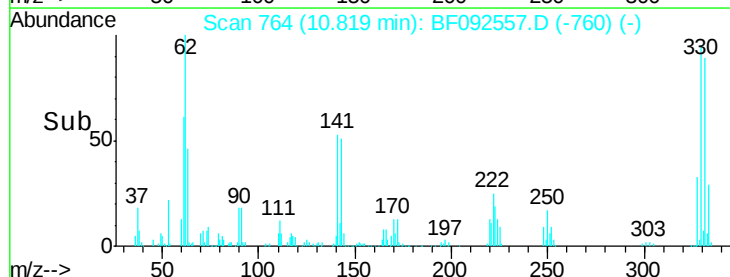
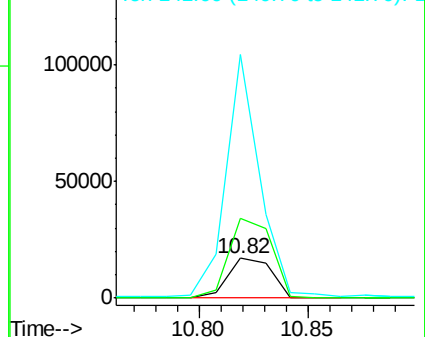
141 612.4 68.2 102.4#

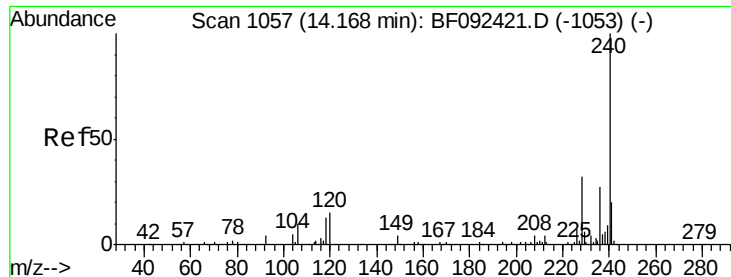


Abundance Ion 248.00 (247.70 to 248.70): E

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: 14.16 min Scan# 1056

Delta R.T. -0.01 min

Lab File: BF092557.D

Acq: 27 Jan 2017 6:05

Instrument :

BNA_F

ClientSampleId :

DFTPP

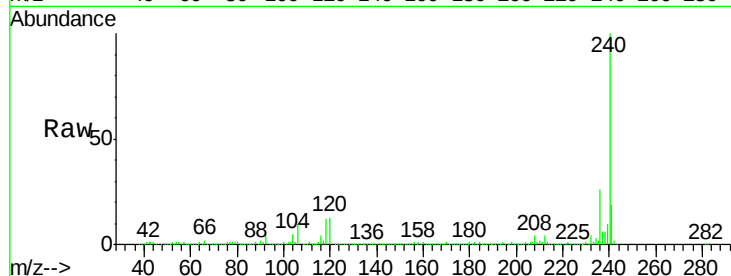
Tgt Ion:240 Resp: 454603

Ion Ratio Lower Upper

240 100

120 13.3 12.9 19.3

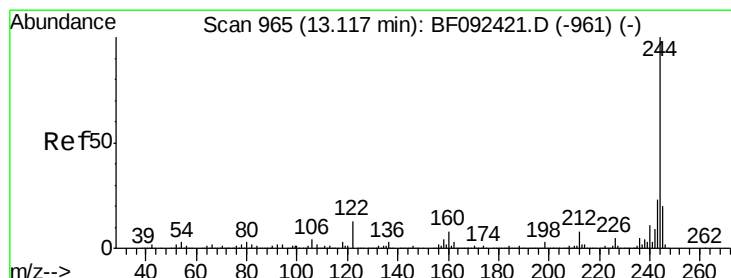
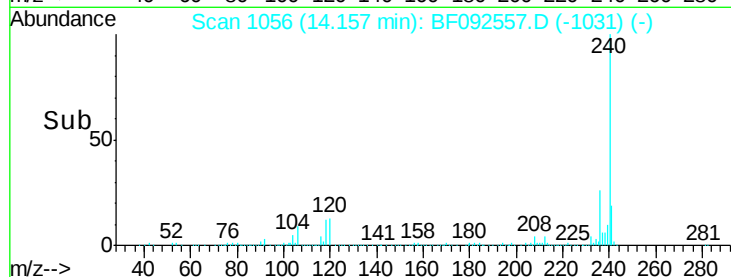
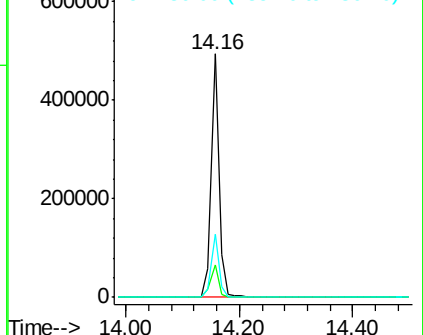
236 25.9 20.9 31.3



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: 84.22 ng

RT: 13.11 min Scan# 964

Delta R.T. -0.01 min

Lab File: BF092557.D

Acq: 27 Jan 2017 6:05

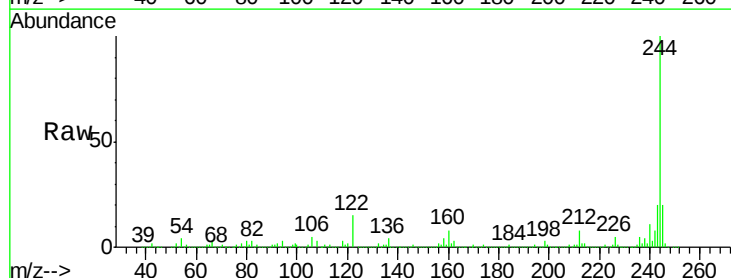
Tgt Ion:244 Resp: 1437739

Ion Ratio Lower Upper

244 100

212 7.8 6.2 9.2

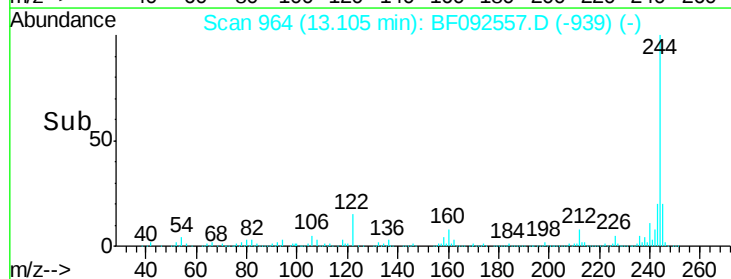
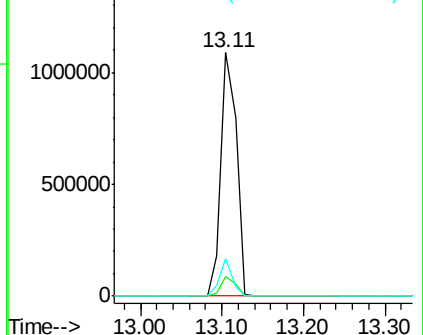
122 15.2 11.4 17.2

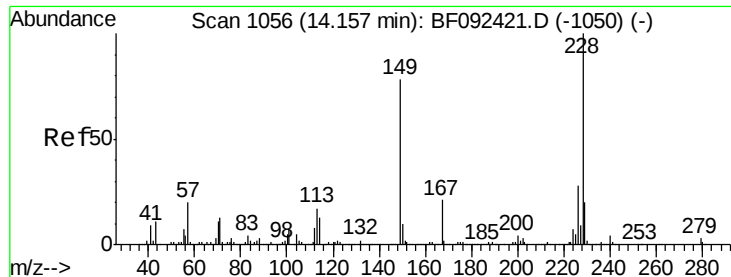


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

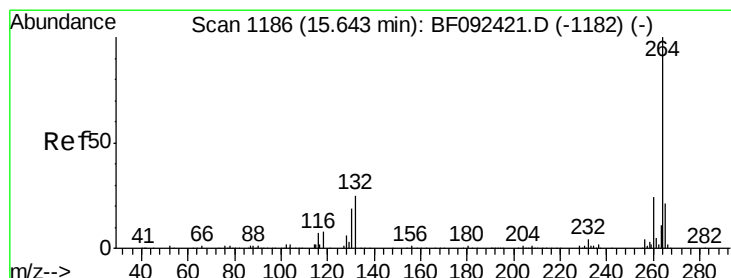
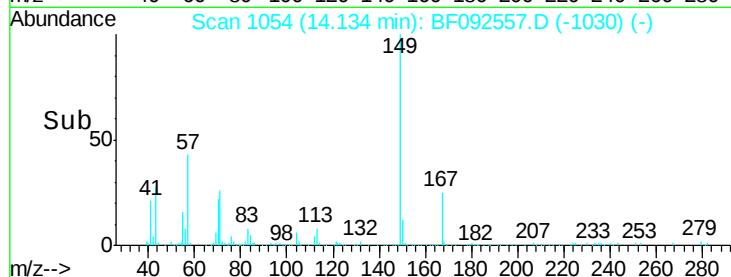
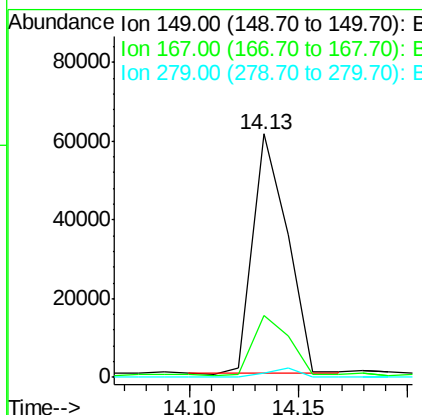
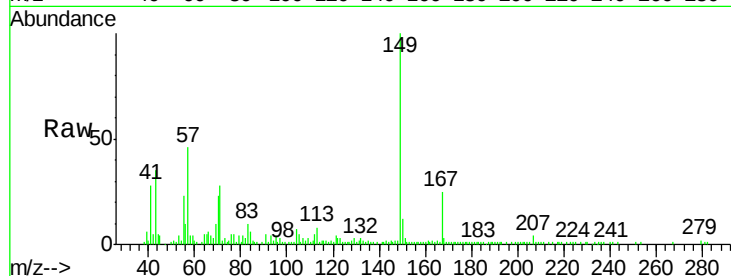




#83
Bis(2-ethylhexyl)phthalate
Concen: 3.99 ng
RT: 14.13 min Scan# 1054
Delta R.T. -0.02 min
Lab File: BF092557.D
Acq: 27 Jan 2017 6:05

Instrument :
BNA_F
ClientSampleId :
DFTPP

Tgt Ion:149 Resp: 67069
Ion Ratio Lower Upper
149 100
167 25.4 20.2 30.4
279 1.6 1.8 2.8#



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.64 min Scan# 1186
Delta R.T. -0.00 min
Lab File: BF092557.D
Acq: 27 Jan 2017 6:05

Tgt Ion:264 Resp: 351286
Ion Ratio Lower Upper
264 100
260 24.1 19.2 28.8
265 22.2 17.4 26.0

