

Data Path : Z:\HPCHEM1\BNA F\DATA\BF090915\
 Data File : BF081562.D
 Acq On : 9 Sep 2015 20:13
 Operator : UM/IZ
 Sample : G3600-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TEC-5

Quant Time: Sep 10 04:45:55 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF090115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 10 04:43:26 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.33	152	58072	20.00	ng	0.00
21) Naphthalene-d8	7.62	136	220085	20.00	ng	0.00
38) Acenaphthene-d10	9.36	164	106268	20.00	ng	-0.01
63) Phenanthrene-d10	10.82	188	193563	20.00	ng	-0.01
75) Chrysene-d12	13.43	240	128074	20.00	ng	-0.01
86) Perylene-d12	14.73	264	92638	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	4.87	112	93620	25.01	ng	0.00
7) Phenol-d6	6.00	99	76309	15.40	ng	-0.01
23) Nitrobenzene-d5	6.91	82	319431	70.03	ng	-0.01
41) 2,4,6-Tribromophenol	10.15	330	69940	73.92	ng	-0.01
44) 2-Fluorobiphenyl	8.71	172	551440	66.50	ng	0.00
78) Terphenyl-d14	12.41	244	349945	63.61	ng	0.00

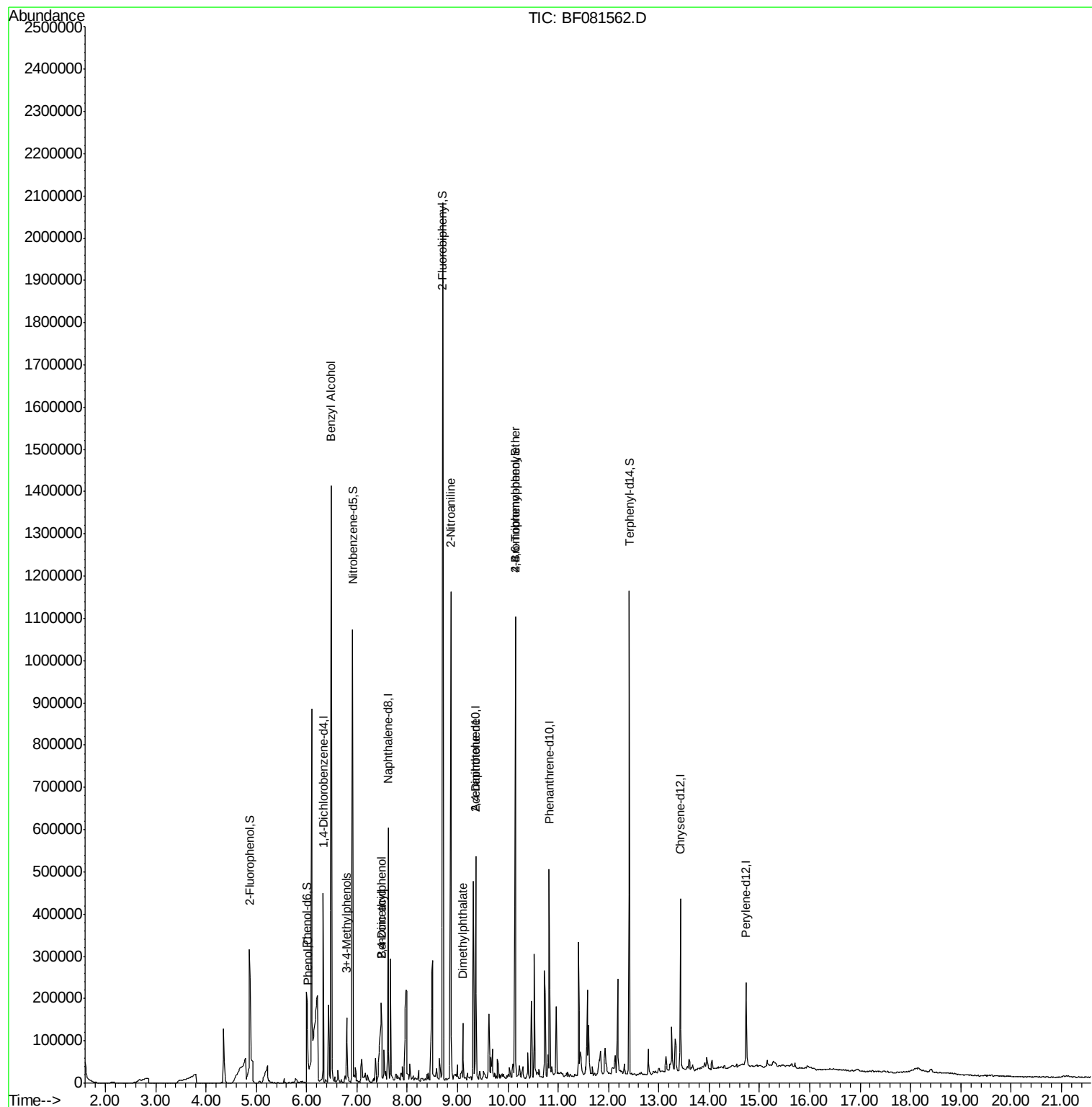
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.02	94	46989	8.18	ng	# 57
15) Benzyl Alcohol	6.49	79	11241	2.77	ng	# 33
20) 3+4-Methylphenols	6.80	107	27223	6.14	ng	# 87
27) 2,4-Dimethylphenol	7.48	122	47442	13.30	ng	# 12
32) Benzoic acid	7.48	122	47719	20.29	ng	# 58
47) 2-Nitroaniline	8.87	65	31993	11.12	ng	# 2
49) Dimethylphthalate	9.11	163	33106	4.01	ng	# 97
56) 2,4-Dinitrotoluene	9.36	165	12867	5.39	ng	# 37
66) 4-Bromophenyl-phenylether	10.15	248	5365	2.74	ng	# 1

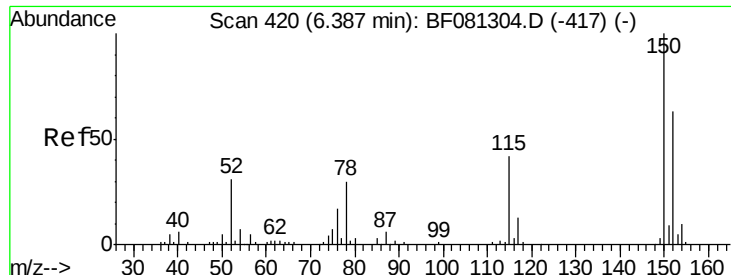
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Sep 10 04:43:26 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.33 min Scan# 415

Delta R.T. -0.00 min

Lab File: BF081562.D

Acq: 9 Sep 2015 20:13

Instrument :

BNA_F

ClientSampleId :

TEC-5

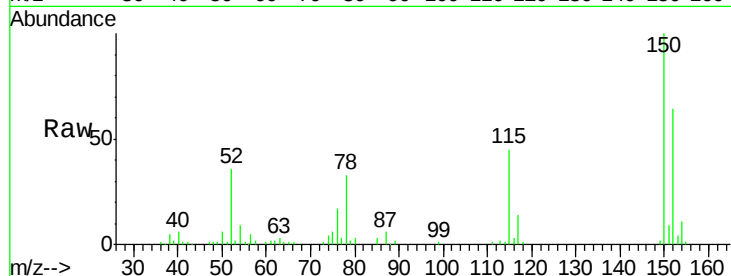
Tot Ion:152 Resp: 58072

Ion Ratio Lower Upper

152 100

150 156.6 124.7 187.1

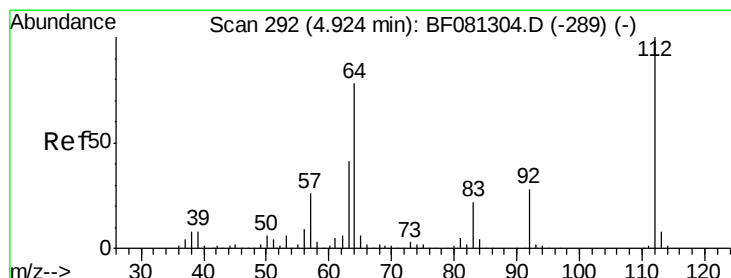
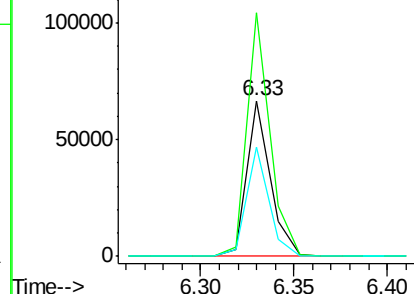
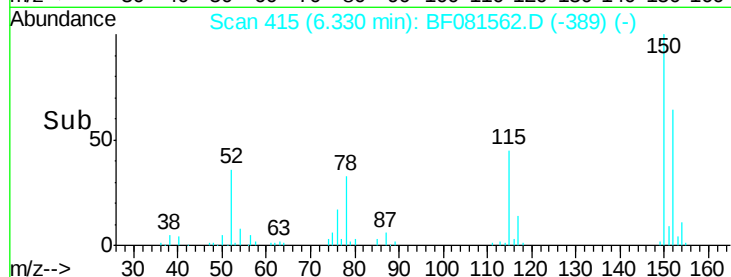
115 69.9 39.0 58.4#



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: 25.01 ng

RT: 4.87 min Scan# 287

Delta R.T. -0.00 min

Lab File: BF081562.D

Acq: 9 Sep 2015 20:13

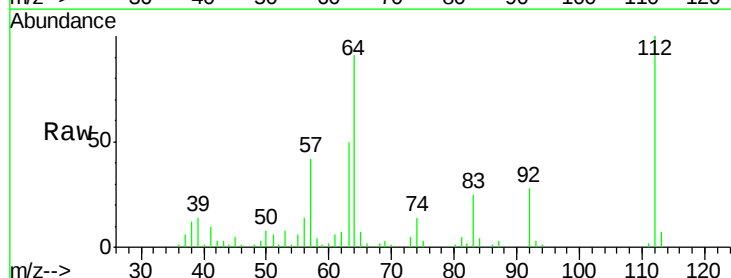
Tgt Ion:112 Resp: 93620

Ion Ratio Lower Upper

112 100

64 91.1 39.7 59.5#

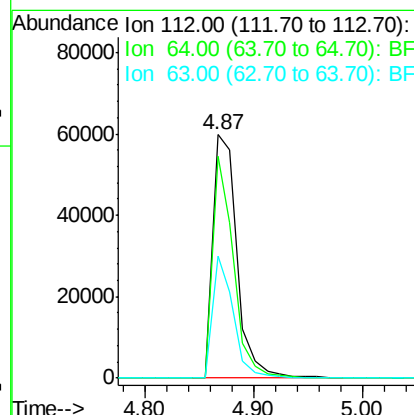
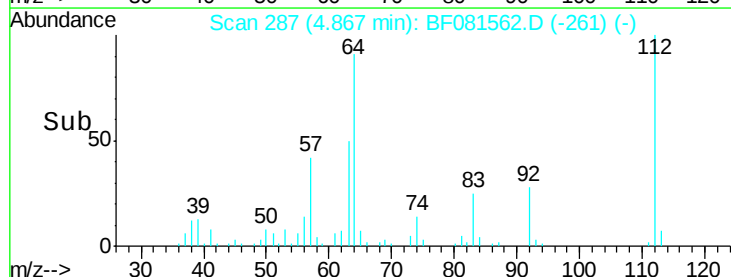
63 49.9 17.4 26.0#

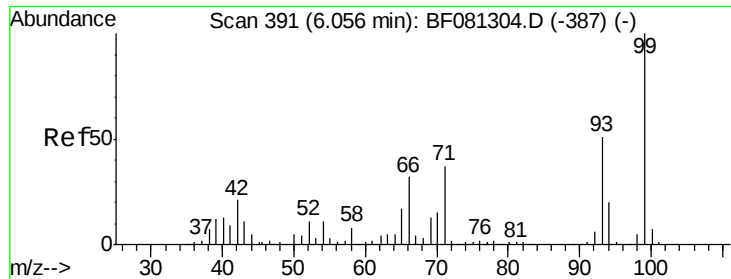


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 15.40 ng

RT: 6.00 min Scan# 386

Delta R.T. -0.01 min

Lab File: BF081562.D

Acq: 9 Sep 2015 20:13

Instrument :

BNA_F

ClientSampleId :

TEC-5

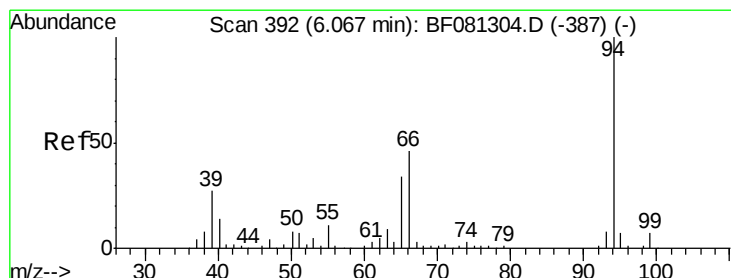
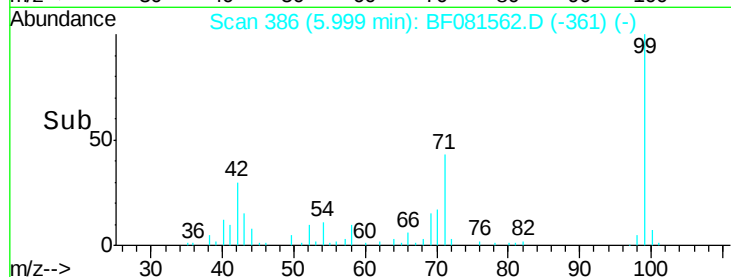
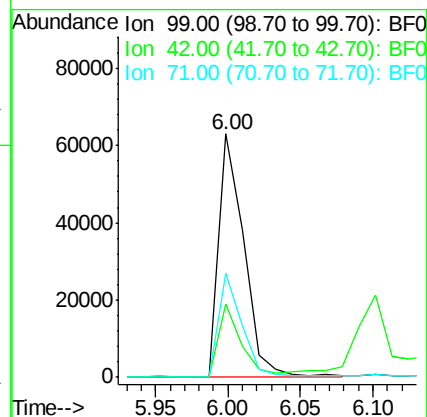
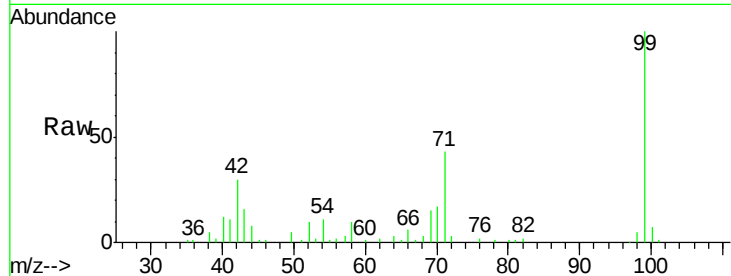
Tot Ion: 99 Resp: 76309

Ion Ratio Lower Upper

99 100

42 30.0 13.7 20.5#

71 42.6 14.2 21.2#



#10

Phenol

Concen: 8.18 ng

RT: 6.02 min Scan# 388

Delta R.T. -0.00 min

Lab File: BF081562.D

Acq: 9 Sep 2015 20:13

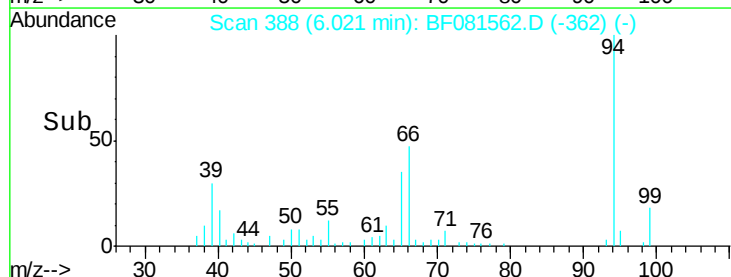
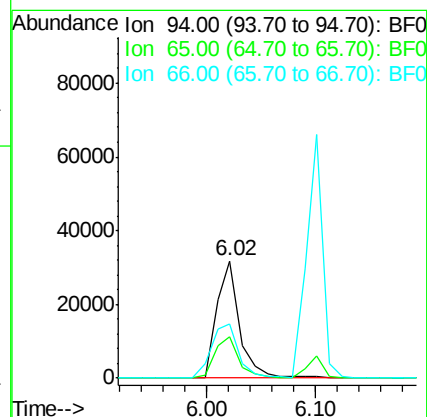
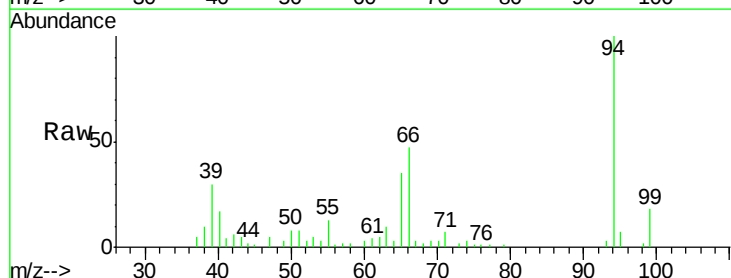
Tgt Ion: 94 Resp: 46989

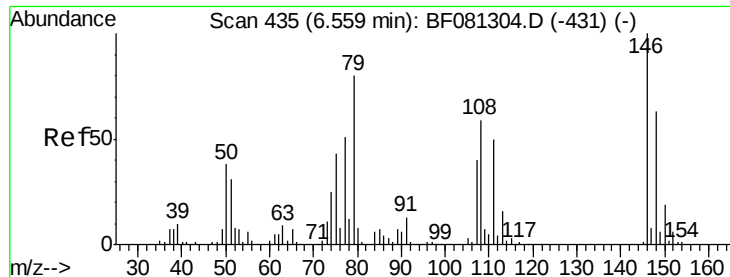
Ion Ratio Lower Upper

94 100

65 34.9 0.7 40.7

66 46.6 0.8 40.8#

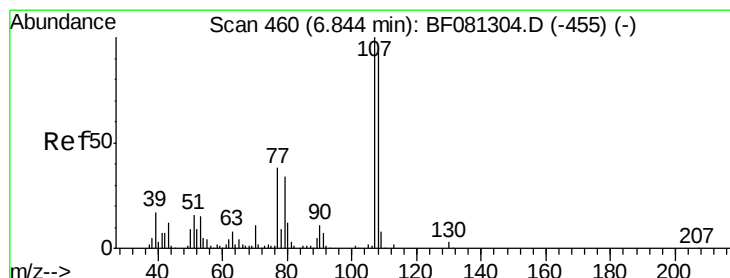
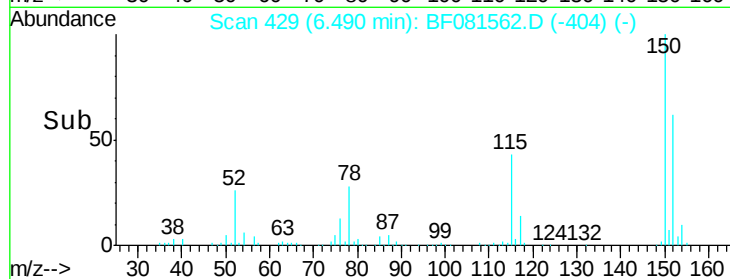
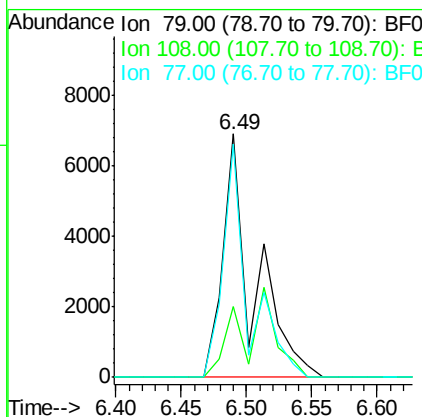
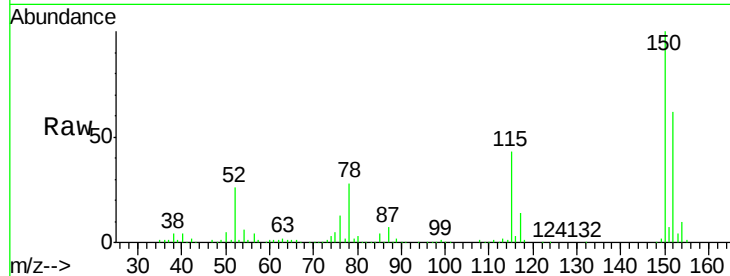




#15
Benzyl Alcohol
Concen: 2.77 ng
RT: 6.49 min Scan# 429
Delta R.T. -0.01 min
Lab File: BF081562.D
Acq: 9 Sep 2015 20:13

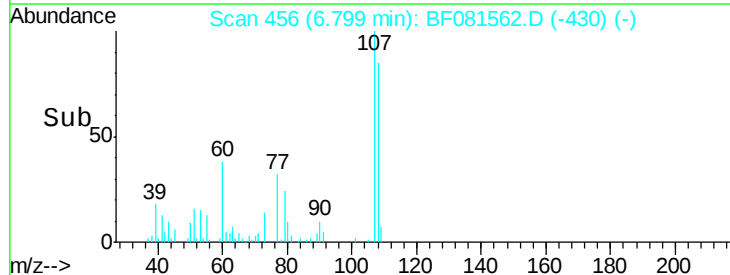
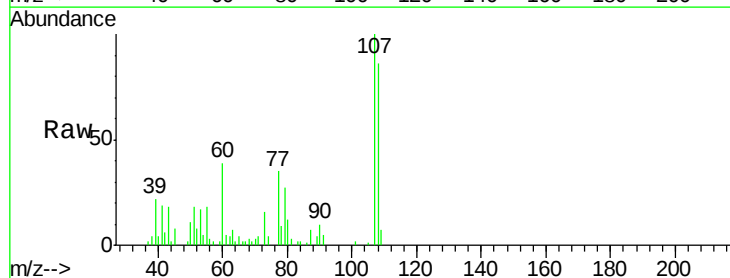
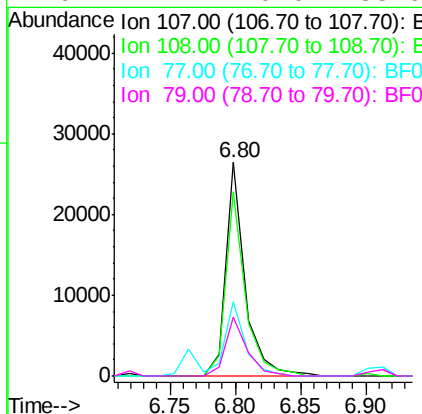
Instrument :
BNA_F
ClientSampled :
TEC-5

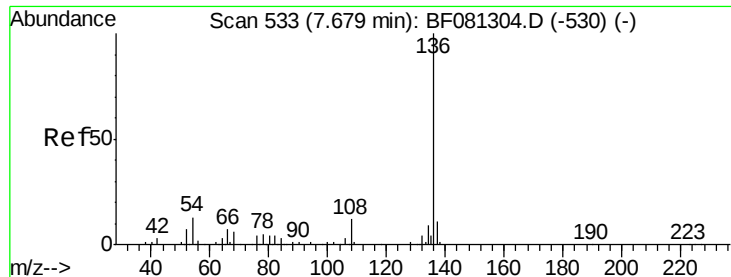
Tot Ion: 79 Resp: 11241
Ion Ratio Lower Upper
79 100
108 29.2 88.6 132.8#
77 95.9 47.0 70.4#



#20
3+4-Methylphenols
Concen: 6.14 ng
RT: 6.80 min Scan# 456
Delta R.T. -0.00 min
Lab File: BF081562.D
Acq: 9 Sep 2015 20:13

Tgt Ion:107 Resp: 27223
Ion Ratio Lower Upper
107 100
108 86.2 74.6 114.6
77 34.7 0.7 40.7
79 27.4 0.0 38.9





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.62 min Scan# 528

Delta R.T. -0.00 min

Lab File: BF081562.D

Acq: 9 Sep 2015 20:13

Instrument :

BNA_F

ClientSampleId :

TEC-5

Tot Ion:136 Resp: 220085

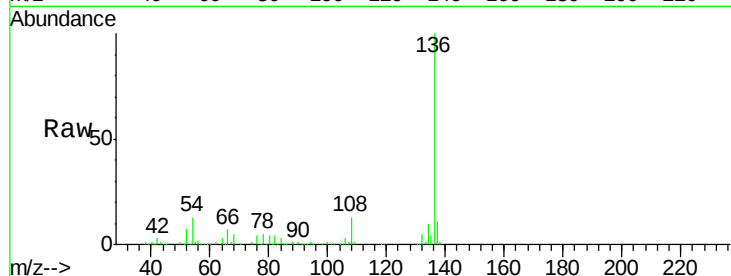
Ion Ratio Lower Upper

136 100

137 11.0 9.0 13.6

54 12.8 8.2 12.2#

68 5.3 5.8 8.6#

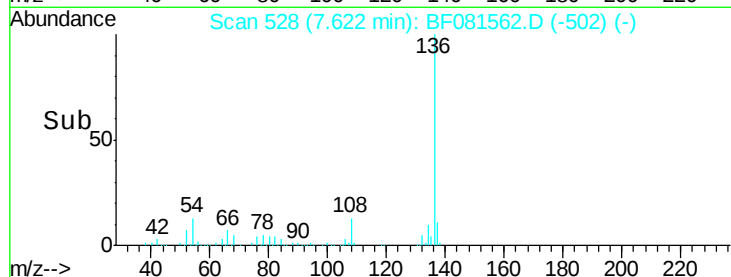


Abundance Ion 136.00 (135.70 to 136.70): E

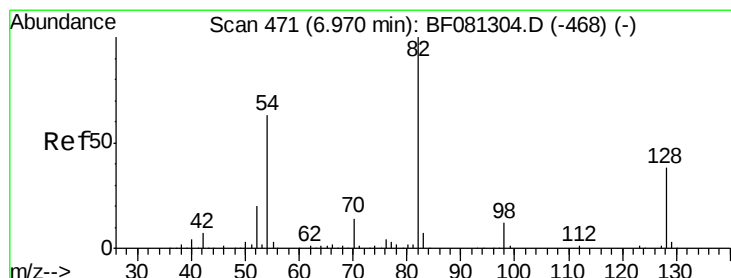
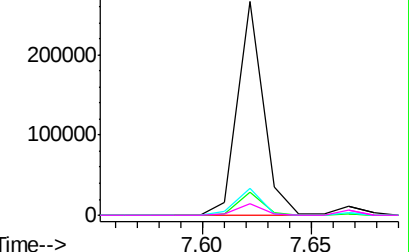
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#23

Nitrobenzene-d5

Concen: 70.03 ng

RT: 6.91 min Scan# 466

Delta R.T. -0.01 min

Lab File: BF081562.D

Acq: 9 Sep 2015 20:13

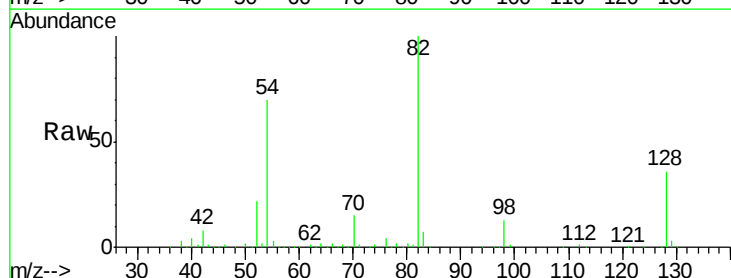
Tgt Ion: 82 Resp: 319431

Ion Ratio Lower Upper

82 100

128 36.4 51.0 76.6#

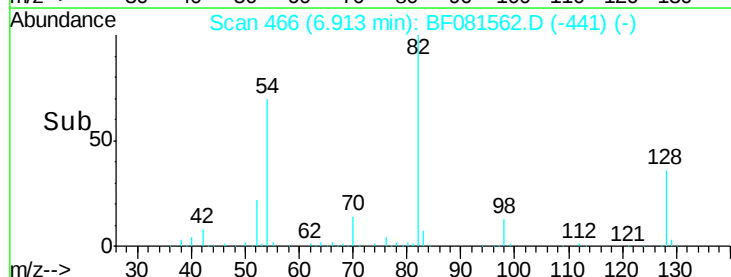
54 69.7 47.5 71.3



Abundance Ion 82.00 (81.70 to 82.70): BF0

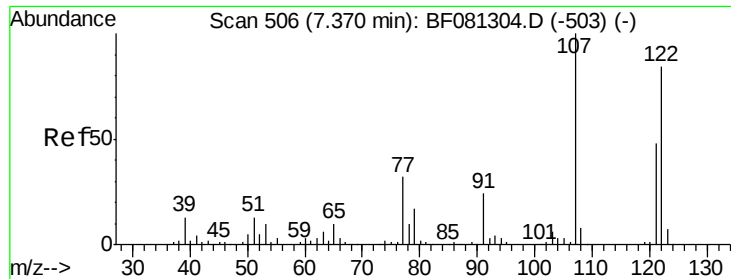
Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



Time-->





#27

2,4-Dimethylphenol

Concen: 13.30 ng

RT: 7.48 min Scan# 516

Delta R.T. 0.16 min

Lab File: BF081562.D

Acq: 9 Sep 2015 20:13

Instrument :

BNA_F

ClientSampled :

TEC-5

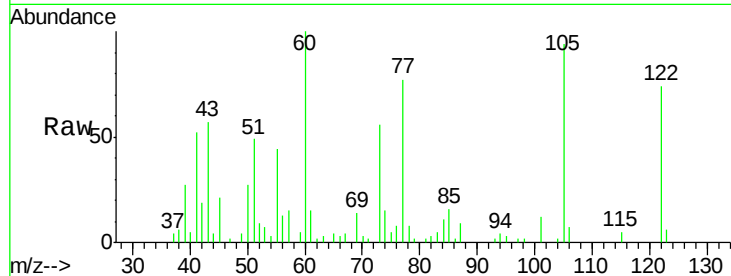
Tot Ion:122 Resp: 47442

Ion Ratio Lower Upper

122 100

107 0.0 71.8 107.6#

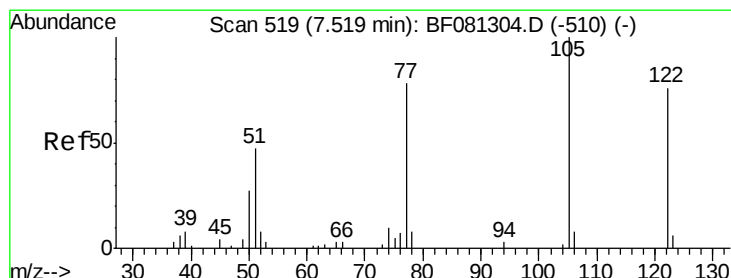
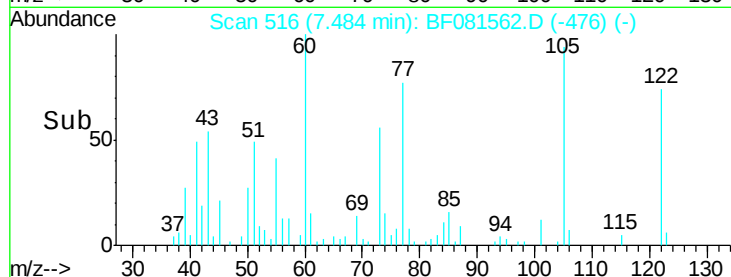
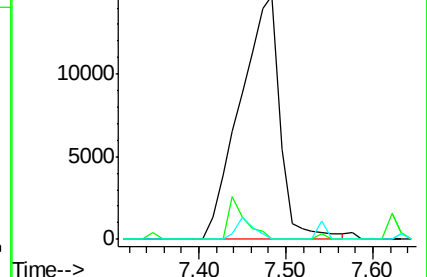
121 0.0 42.3 63.5#



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#32

Benzoic acid

Concen: 20.29 ng

RT: 7.48 min Scan# 516

Delta R.T. -0.01 min

Lab File: BF081562.D

Acq: 9 Sep 2015 20:13

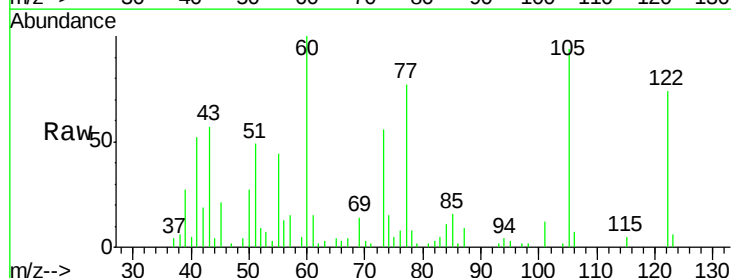
Tgt Ion:122 Resp: 47719

Ion Ratio Lower Upper

122 100

105 127.3 76.1 116.1#

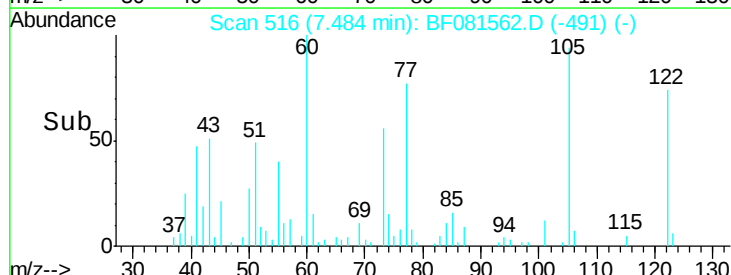
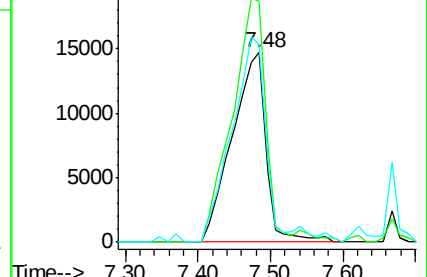
77 104.0 40.5 80.5#

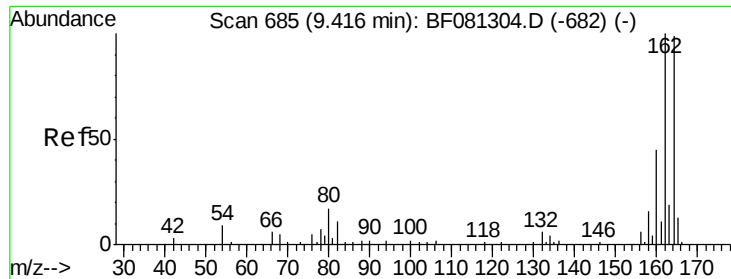


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

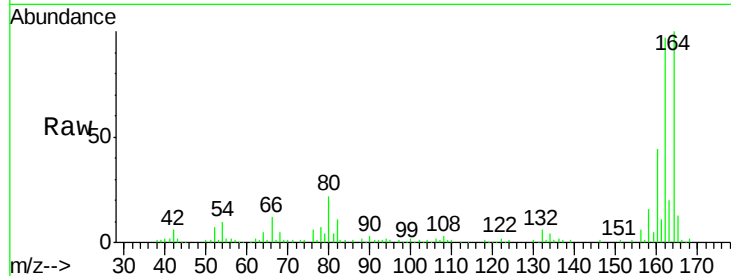




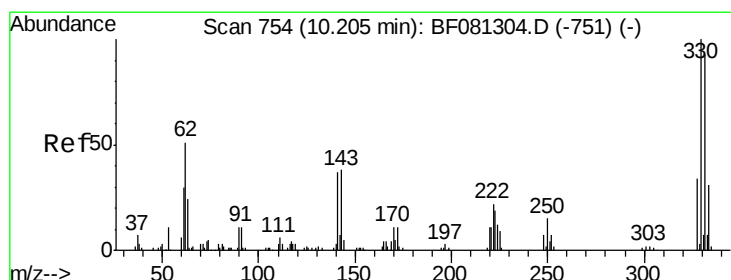
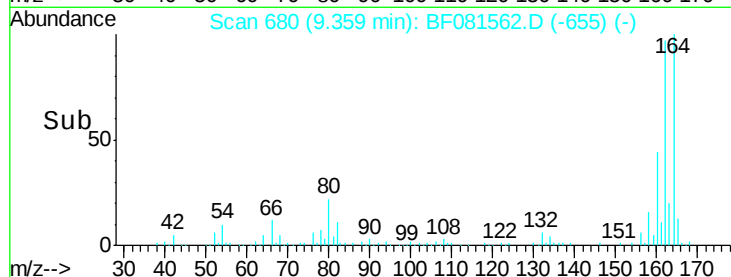
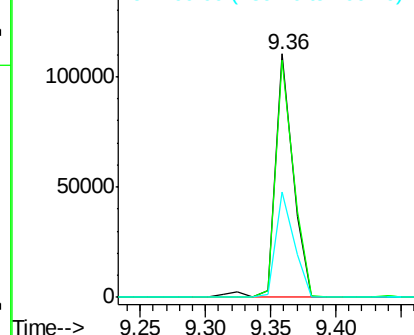
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.36 min Scan# 680
Delta R.T. -0.01 min
Lab File: BF081562.D
Acq: 9 Sep 2015 20:13

Instrument :
BNA_F
ClientSampled :
TEC-5

Tot Ion:164 Resp: 106268
Ion Ratio Lower Upper
164 100
162 97.5 75.2 112.8
160 43.5 31.5 47.3

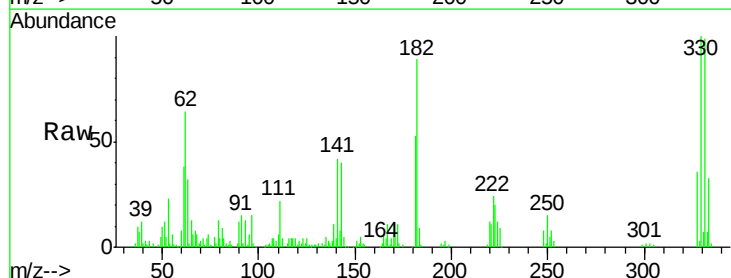


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

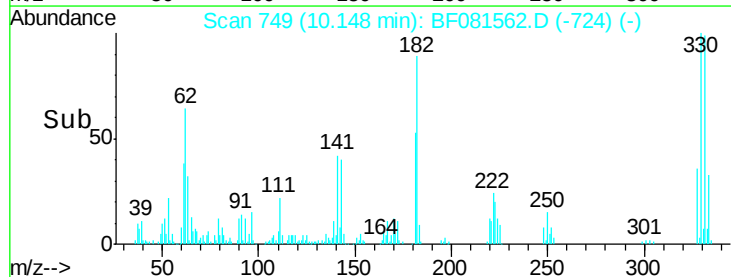
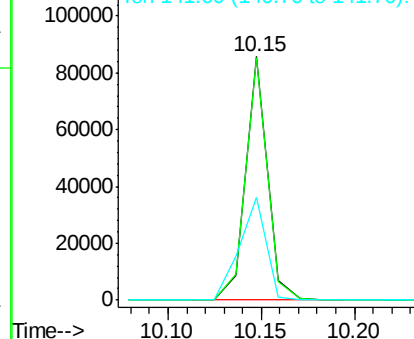


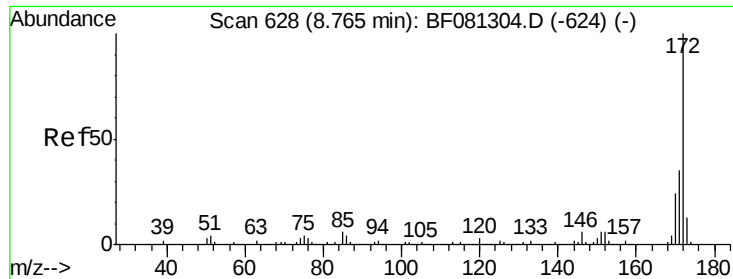
#41
2,4,6-Tribromophenol
Concen: 73.92 ng
RT: 10.15 min Scan# 749
Delta R.T. -0.01 min
Lab File: BF081562.D
Acq: 9 Sep 2015 20:13

Tgt Ion:330 Resp: 69940
Ion Ratio Lower Upper
330 100
332 99.2 76.6 114.8
141 51.8 29.7 44.5#



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

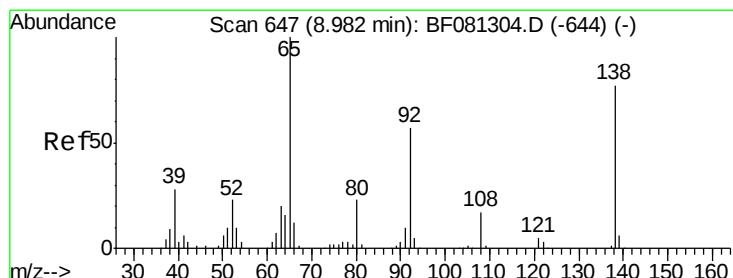
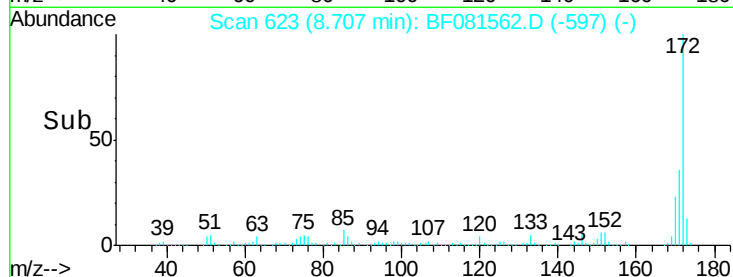
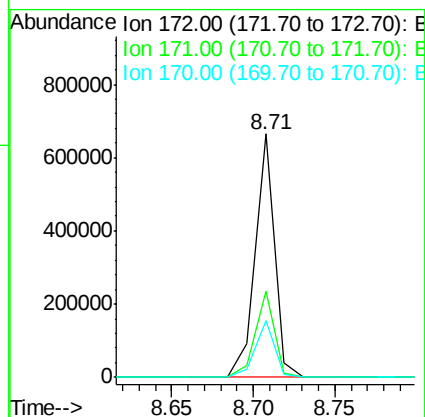
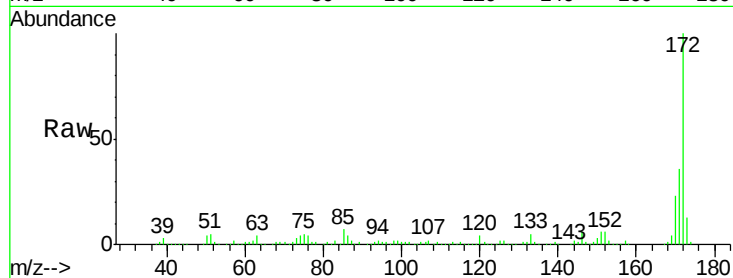




#44
 2-Fluorobiphenyl
 Concen: 66.50 ng
 RT: 8.71 min Scan# 623
 Delta R.T. -0.00 min
 Lab File: BF081562.D
 Acq: 9 Sep 2015 20:13

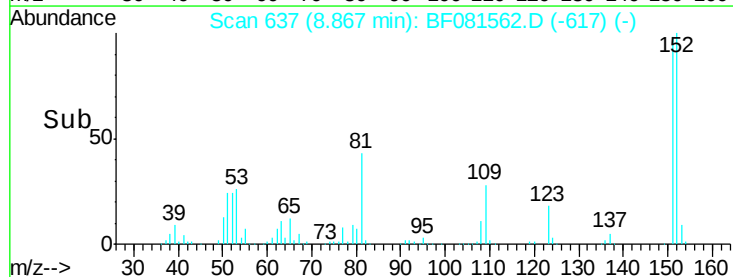
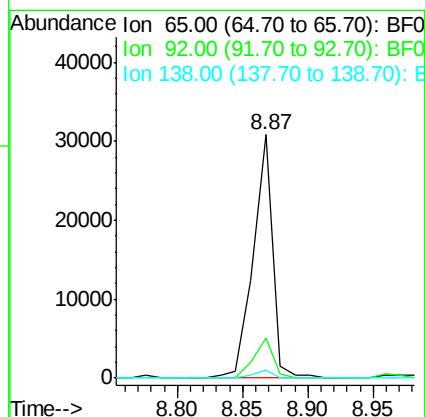
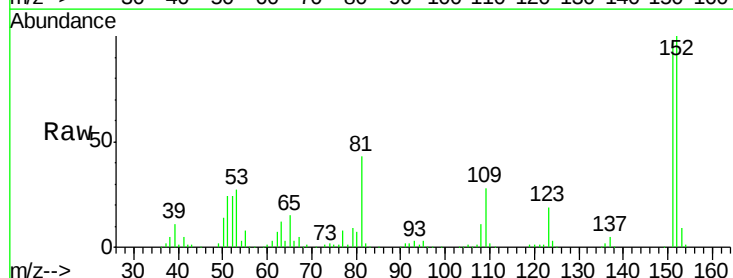
Instrument :
 BNA_F
 ClientSampled :
 TEC-5

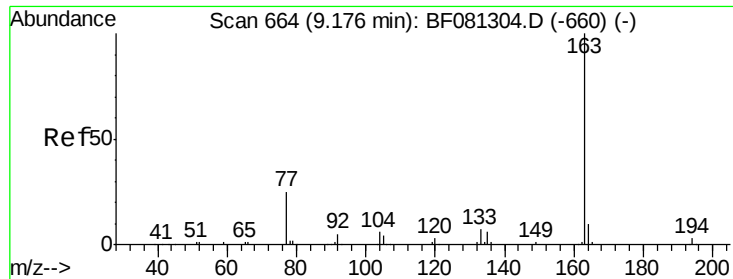
Tot Ion:172 Resp: 551440
 Ion Ratio Lower Upper
 172 100
 171 35.5 26.1 39.1
 170 23.5 17.4 26.2



#47
 2-Nitroaniline
 Concen: 11.12 ng
 RT: 8.87 min Scan# 637
 Delta R.T. -0.07 min
 Lab File: BF081562.D
 Acq: 9 Sep 2015 20:13

Tgt Ion: 65 Resp: 31993
 Ion Ratio Lower Upper
 65 100
 92 16.7 55.4 83.0#
 138 3.3 115.5 173.3#

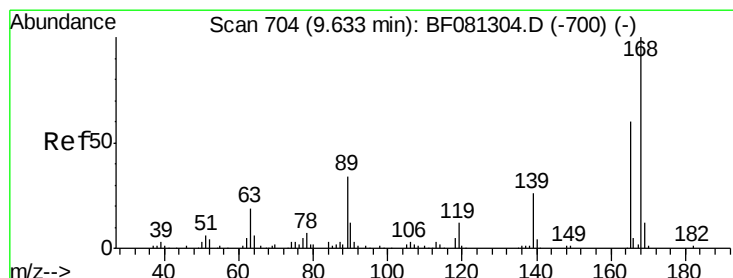
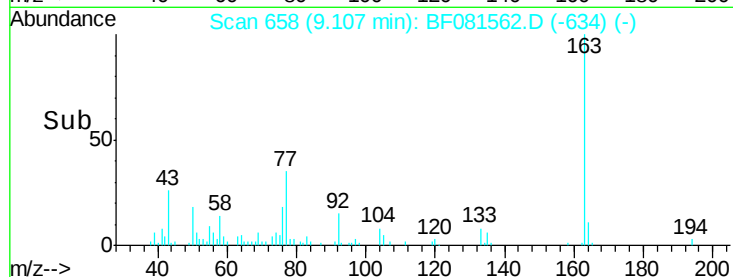
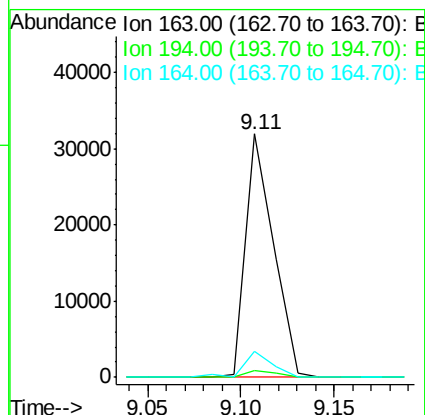
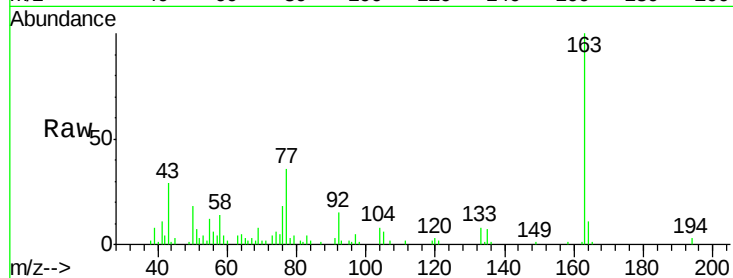




#49
Dimethylphthalate
Concen: 4.01 ng
RT: 9.11 min Scan# 658
Delta R.T. -0.02 min
Lab File: BF081562.D
Acq: 9 Sep 2015 20:13

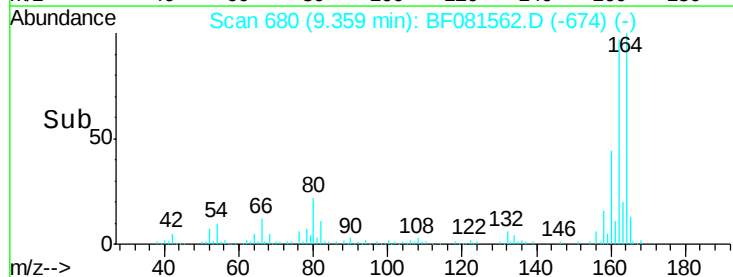
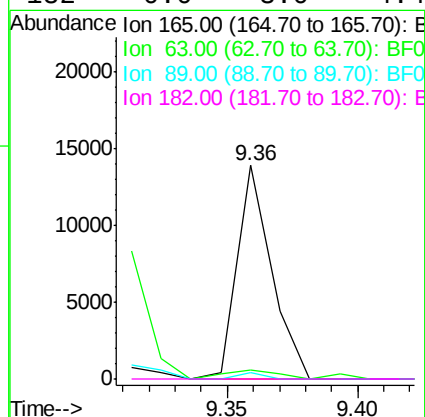
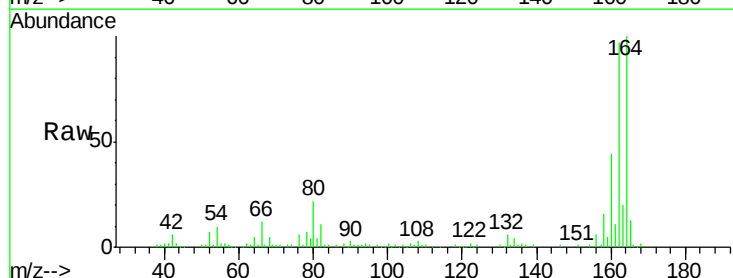
Instrument :
BNA_F
ClientSampleId :
TEC-5

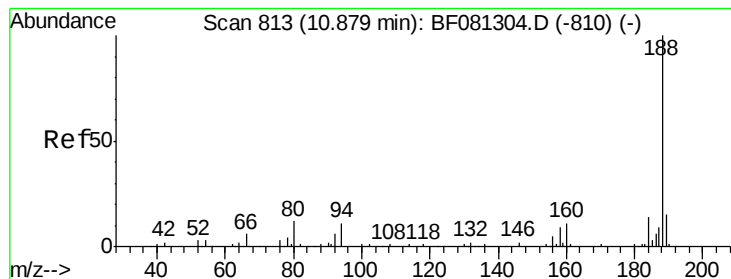
Tot Ion:163 Resp: 33106
Ion Ratio Lower Upper
163 100
194 2.9 4.4 6.6#
164 10.8 8.3 12.5



#56
2,4-Dinitrotoluene
Concen: 5.39 ng
RT: 9.36 min Scan# 680
Delta R.T. -0.23 min
Lab File: BF081562.D
Acq: 9 Sep 2015 20:13

Tgt Ion:165 Resp: 12867
Ion Ratio Lower Upper
165 100
63 4.2 29.8 44.6#
89 3.3 44.5 66.7#
182 0.0 3.0 4.4#





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 10.82 min Scan# 808

Delta R.T. -0.01 min

Lab File: BF081562.D

Acq: 9 Sep 2015 20:13

Instrument :

BNA_F

ClientSampleId :

TEC-5

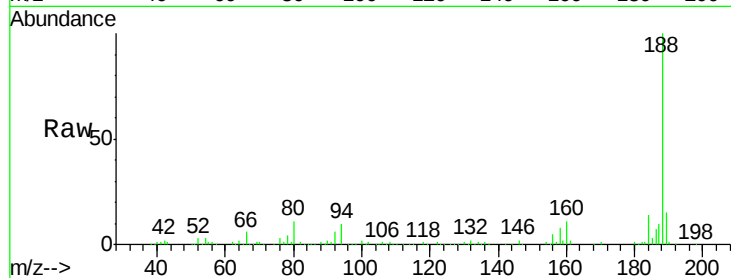
Tot Ion:188 Resp: 193563

Ion Ratio Lower Upper

188 100

94 10.0 11.1 16.7#

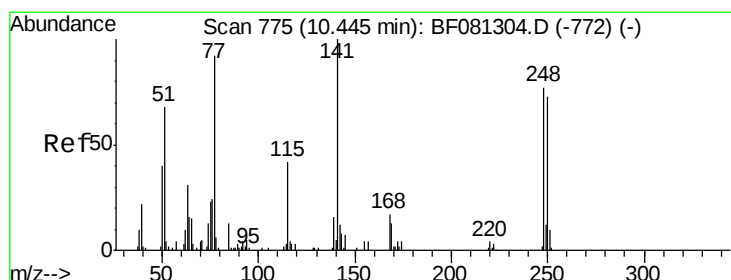
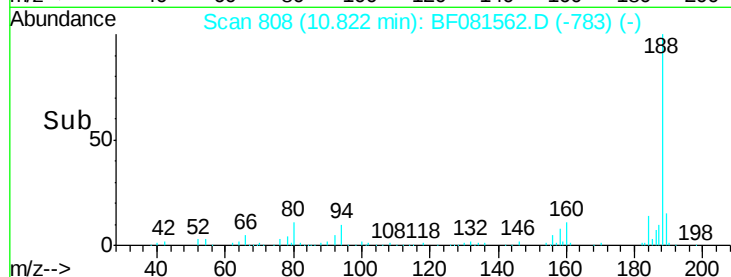
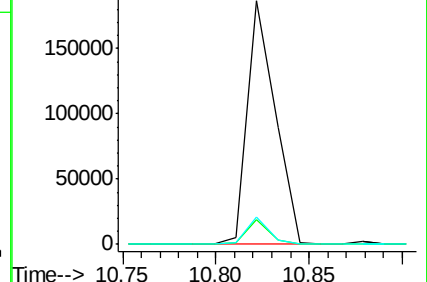
80 11.2 11.0 16.4



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



#66

4-Bromophenyl-phenylether

Concen: 2.74 ng

RT: 10.15 min Scan# 749

Delta R.T. -0.25 min

Lab File: BF081562.D

Acq: 9 Sep 2015 20:13

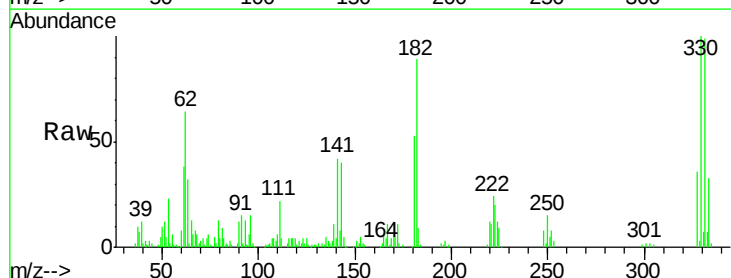
Tgt Ion:248 Resp: 5365

Ion Ratio Lower Upper

248 100

250 199.9 78.5 117.7#

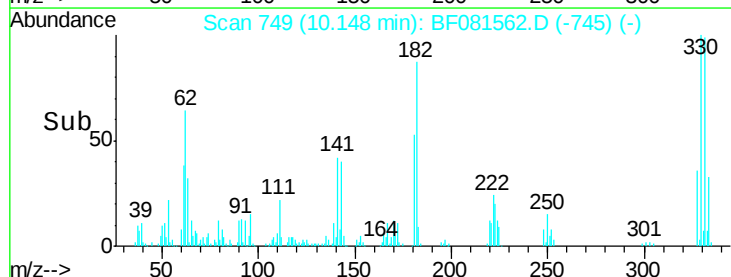
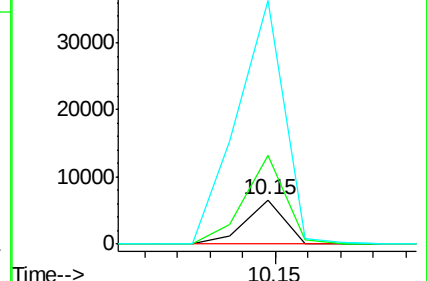
141 550.2 59.0 88.6#

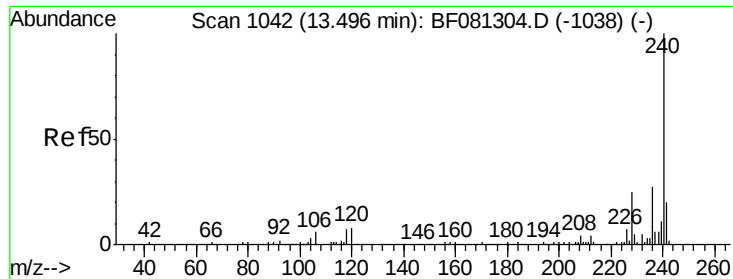


Abundance Ion 248.00 (247.70 to 248.70): E

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: 13.43 min Scan# 1036

Delta R.T. -0.01 min

Lab File: BF081562.D

Acq: 9 Sep 2015 20:13

Instrument :

BNA_F

ClientSampleId :

TEC-5

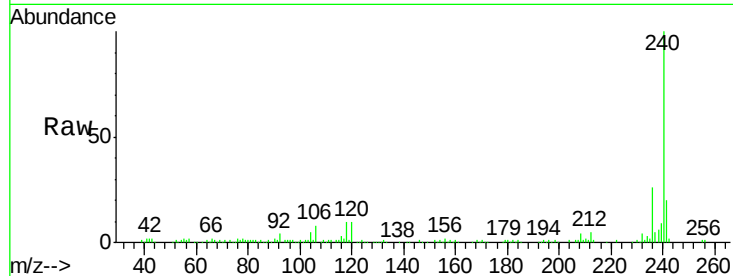
Tot Ion:240 Resp: 128074

Ion Ratio Lower Upper

240 100

120 10.3 16.2 24.2#

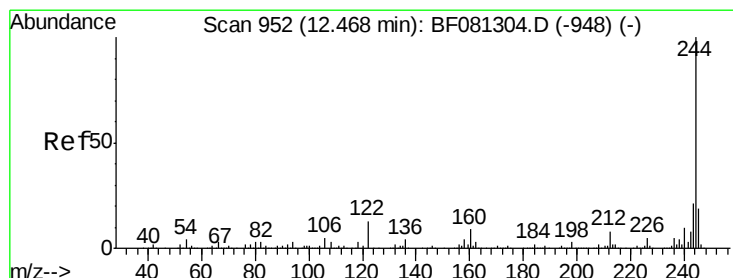
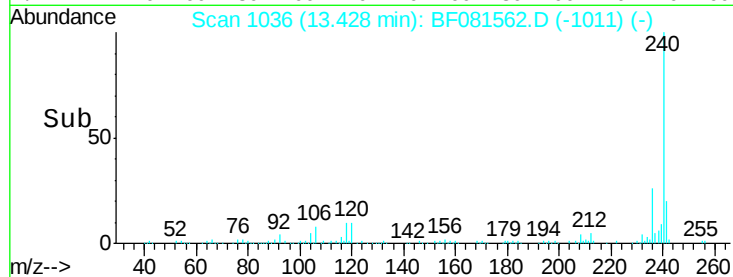
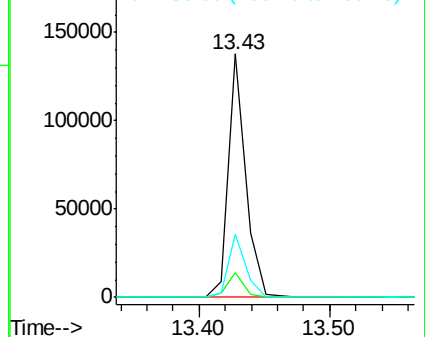
236 25.8 18.4 27.6



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: 63.61 ng

RT: 12.41 min Scan# 947

Delta R.T. -0.00 min

Lab File: BF081562.D

Acq: 9 Sep 2015 20:13

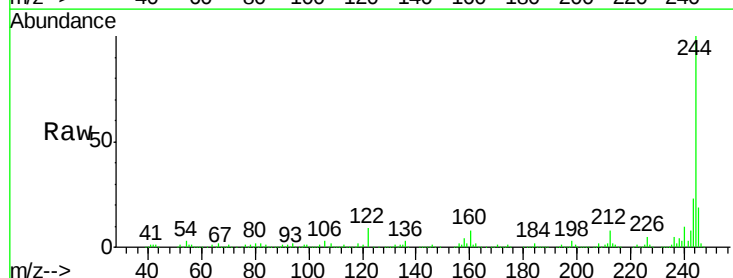
Tgt Ion:244 Resp: 349945

Ion Ratio Lower Upper

244 100

212 7.7 4.3 6.5#

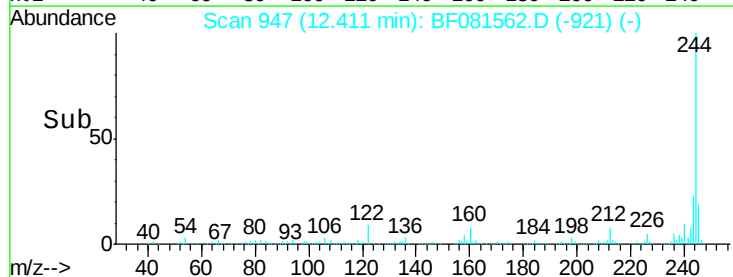
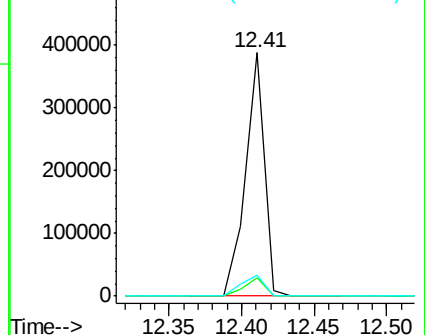
122 8.6 17.4 26.2#

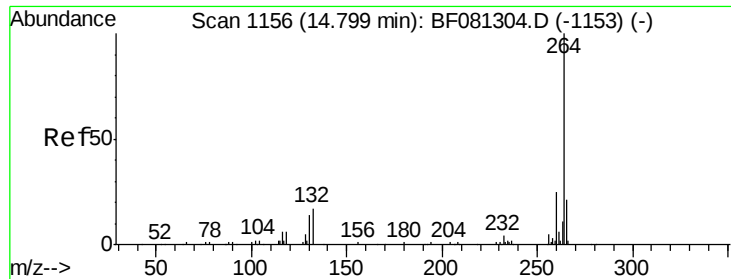


Abundance Ion 244.00 (243.70 to 244.70): E

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: 14.73 min Scan# 1150
Delta R.T. -0.01 min
Lab File: BF081562.D
Acq: 9 Sep 2015 20:13

Instrument :
BNA_F
ClientSampleId :
TEC-5

Tot Ion: 264 Resp: 92638

Ion	Ratio	Lower	Upper
264	100		
260	24.0	16.7	25.1
265	20.9	17.2	25.8

