

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122015\
 Data File : BF083965.D
 Acq On : 19 Dec 2015 20:11
 Operator : UM/SJ
 Sample : G4869-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LTCWC-03

Quant Time: Dec 21 00:58:30 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 18 14:23:22 2015
 Response via : Initial Calibration

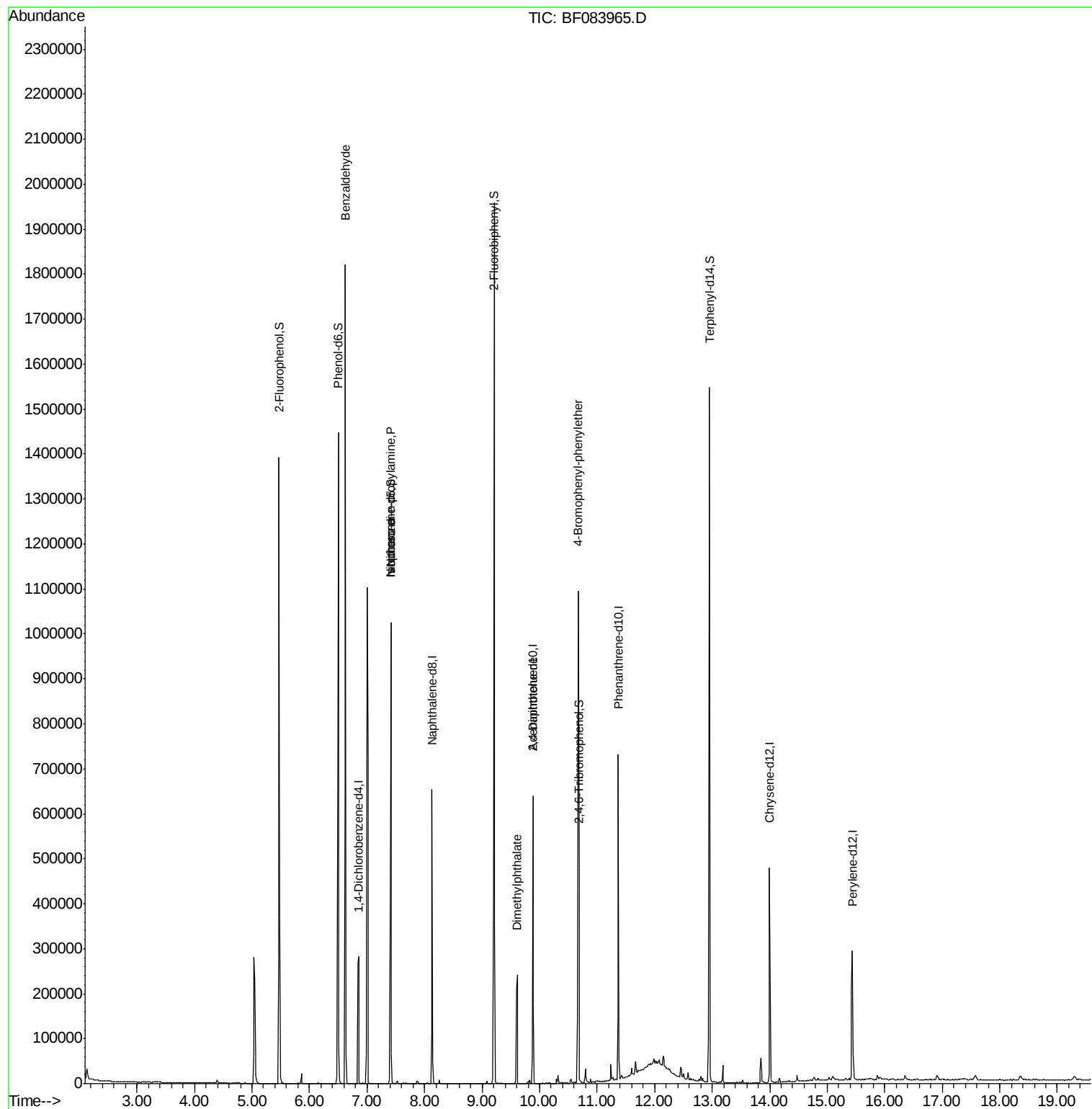
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	66116	20.00	ng	-0.02
21) Naphthalene-d8	8.13	136	288026	20.00	ng	-0.02
38) Acenaphthene-d10	9.88	164	129745	20.00	ng	-0.03
63) Phenanthrene-d10	11.37	188	249698	20.00	ng	-0.02
75) Chrysene-d12	14.00	240	184572	20.00	ng	-0.03
86) Perylene-d12	15.44	264	145133	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	419610	99.32	ng	-0.01
7) Phenol-d6	6.50	99	539538	104.33	ng	-0.01
23) Nitrobenzene-d5	7.41	82	359466	71.23	ng	-0.02
41) 2,4,6-Tribromophenol	10.68	330	159175	111.36	ng	-0.02
44) 2-Fluorobiphenyl	9.21	172	635227	66.41	ng	-0.03
78) Terphenyl-d14	12.96	244	657366	83.13	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.62	77	12616	4.05	ng	Qvalue 87
19) n-Nitroso-di-n-propylamine	7.41	70	48776	16.18	ng	# 78
25) Isophorone	7.41	82	262314	27.63	ng	# 66
31) Naphthalene	8.16	128	422	Below Cal	#	68
45) 1,1'-Biphenyl	9.21	154	1195	Below Cal	#	1
49) Dimethylphthalate	9.61	163	153484	14.10	ng	# 91
56) 2,4-Dinitrotoluene	9.88	165	16526	5.43	ng	# 21
57) Fluorene	10.67	166	5655	Below Cal	#	84
66) 4-Bromophenyl-phenylether	10.67	248	9884	3.24	ng	# 1
77) Pyrene	12.81	202	5229	Below Cal		97

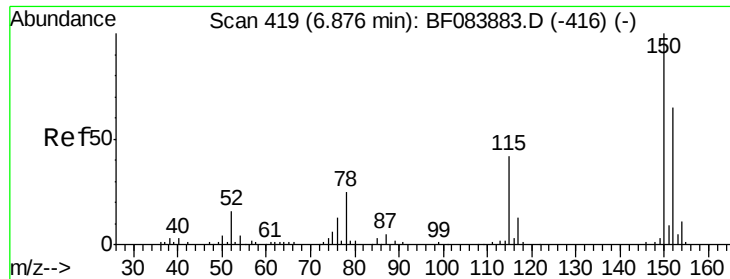
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Dec 21 00:58:30 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.M
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QLast Update : Fri Dec 18 14:23:22 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.85 min Scan# 417

Delta R.T. -0.02 min

Lab File: BF083965.D

Acq: 19 Dec 2015 20:11

Instrument :

BNA_F

ClientSampleId :

LTCWC-03

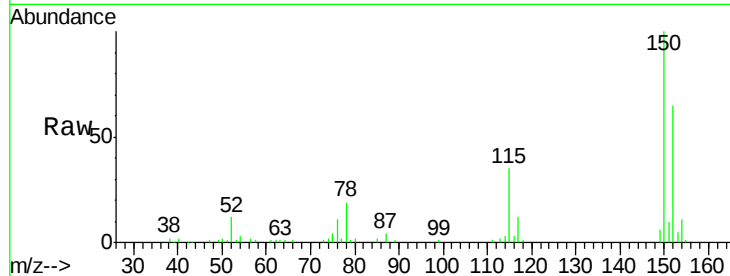
Tgt Ion:152 Resp: 66116

Ion Ratio Lower Upper

152 100

150 152.8 123.0 184.4

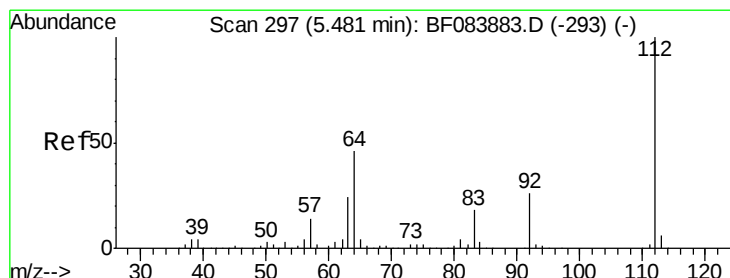
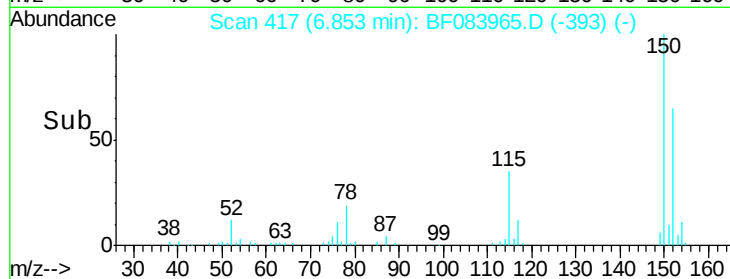
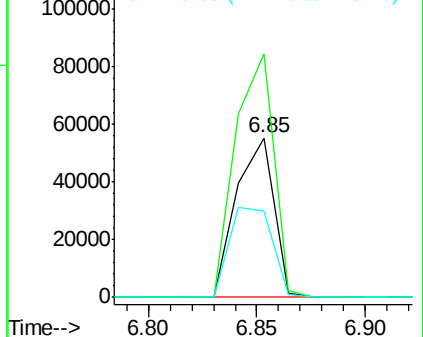
115 53.8 51.4 77.2



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: 99.32 ng

RT: 5.47 min Scan# 296

Delta R.T. -0.01 min

Lab File: BF083965.D

Acq: 19 Dec 2015 20:11

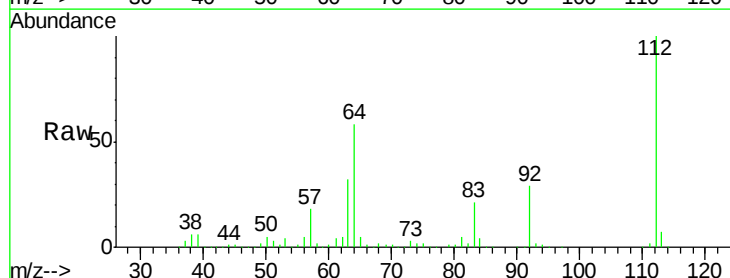
Tgt Ion:112 Resp: 419610

Ion Ratio Lower Upper

112 100

64 58.2 36.6 55.0#

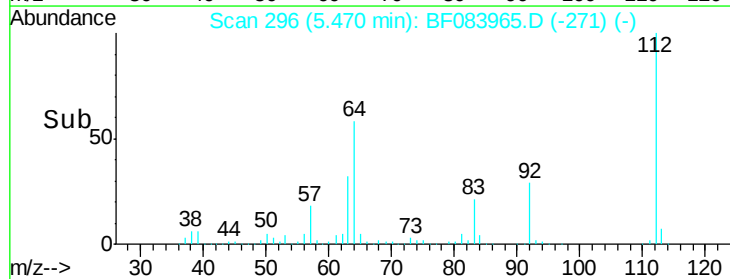
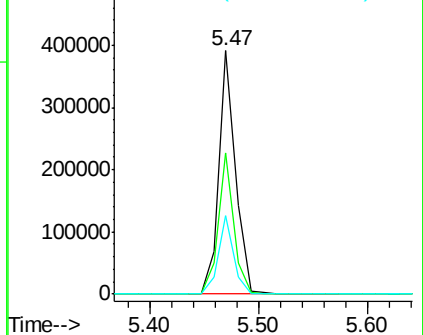
63 32.2 19.4 29.0#

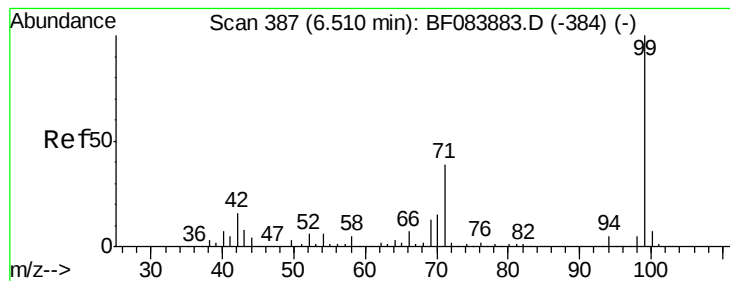


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 104.33 ng

RT: 6.50 min Scan# 386

Delta R.T. -0.01 min

Lab File: BF083965.D

Acq: 19 Dec 2015 20:11

Instrument :

BNA_F

ClientSampleId :

LTCWC-03

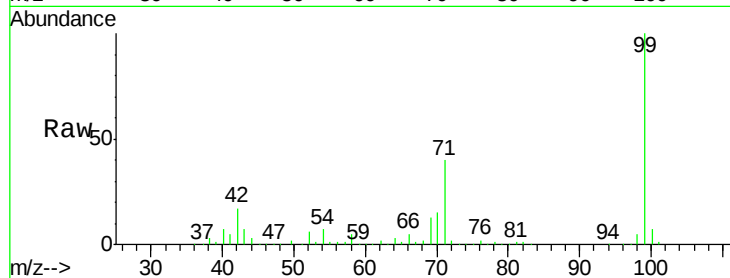
Tgt Ion: 99 Resp: 539538

Ion Ratio Lower Upper

99 100

42 16.8 12.8 19.2

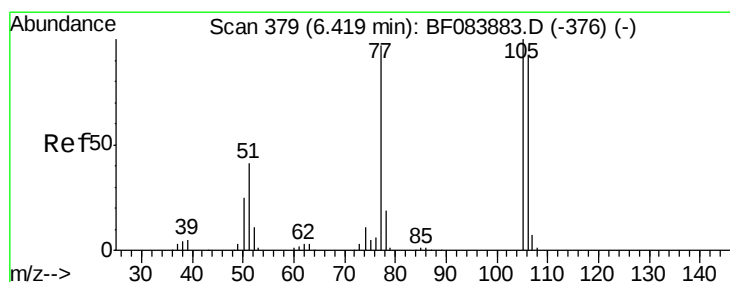
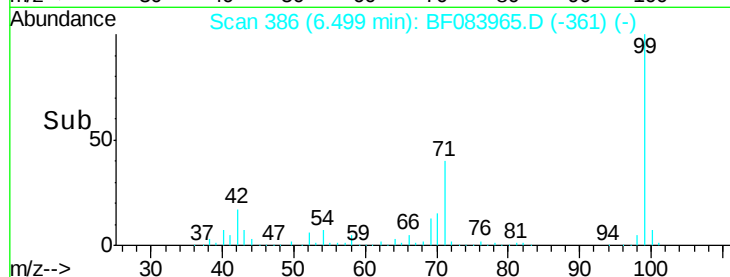
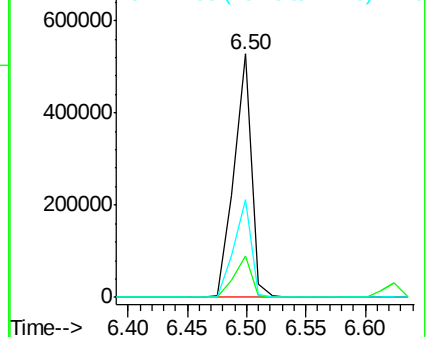
71 39.9 30.9 46.3



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



#9

Benzaldehyde

Concen: 4.05 ng

RT: 6.62 min Scan# 397

Delta R.T. 0.21 min

Lab File: BF083965.D

Acq: 19 Dec 2015 20:11

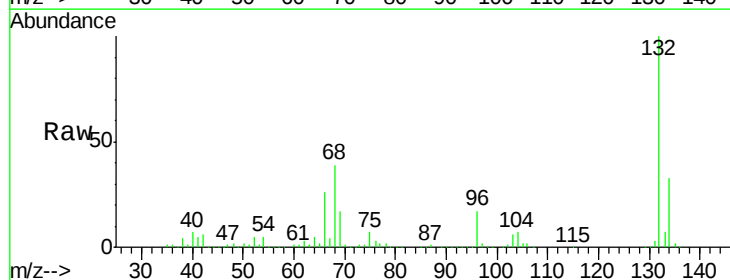
Tgt Ion: 77 Resp: 12616

Ion Ratio Lower Upper

77 100

105 87.4 83.0 123.0

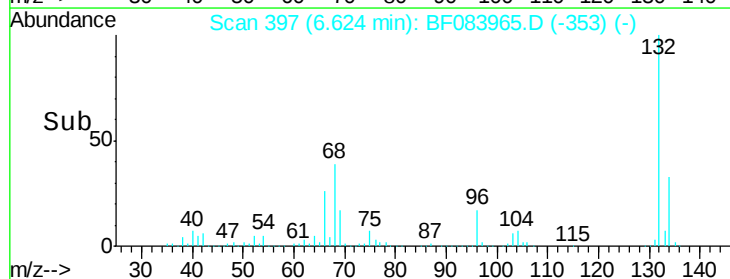
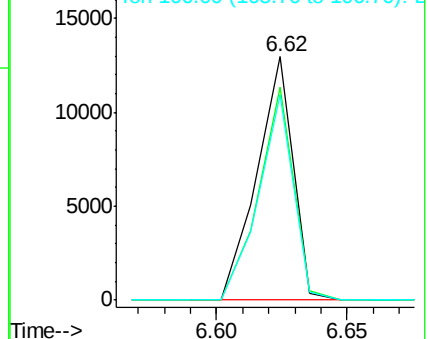
106 84.4 74.6 114.6

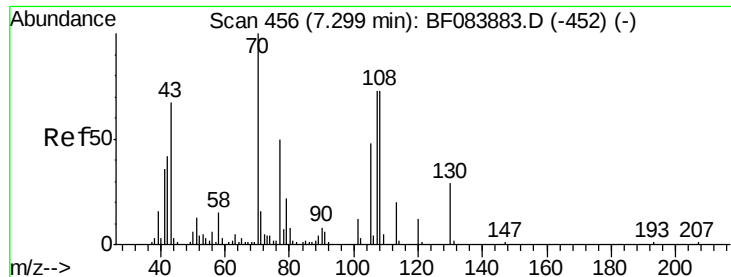


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

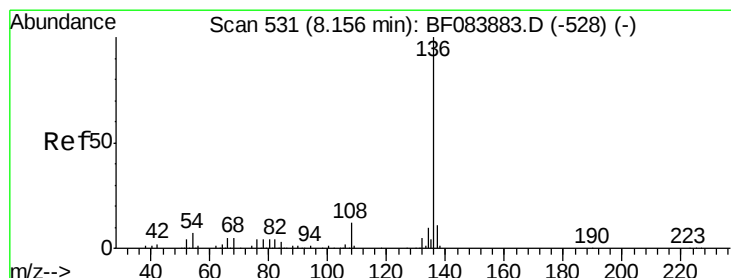
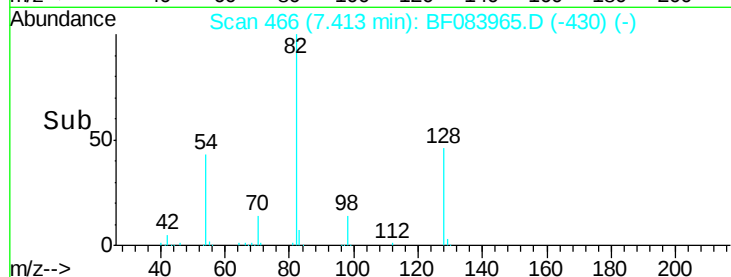
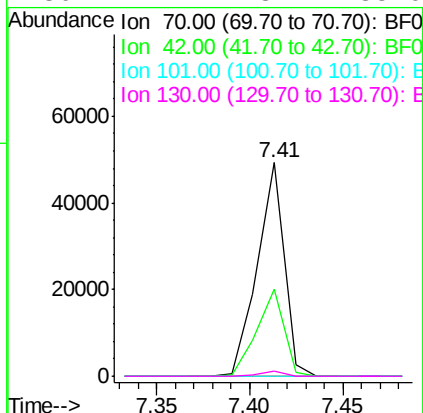
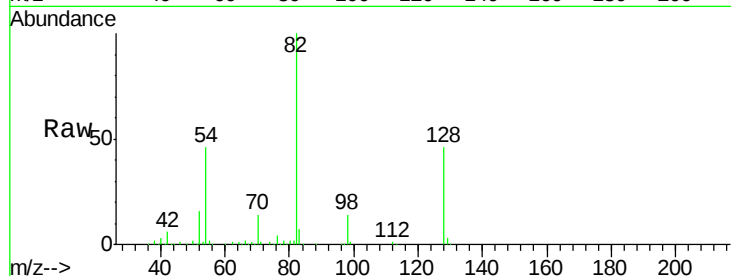




#19
n-Nitroso-di-n-propylamine
Concen: 16.18 ng
RT: 7.41 min Scan# 466
Delta R.T. 0.11 min
Lab File: BF083965.D
Acq: 19 Dec 2015 20:11

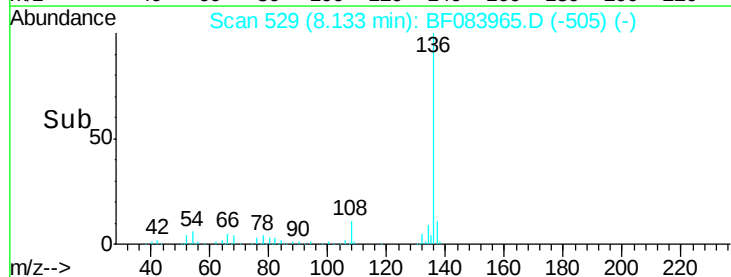
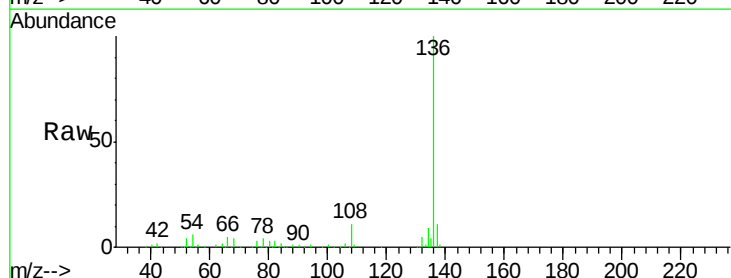
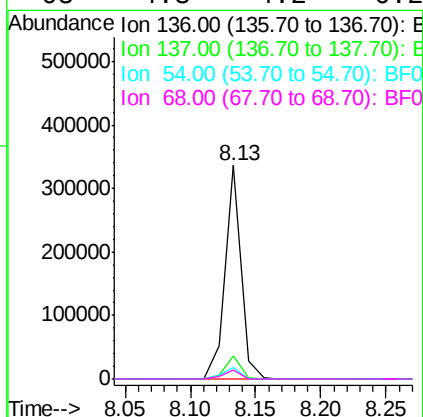
Instrument :
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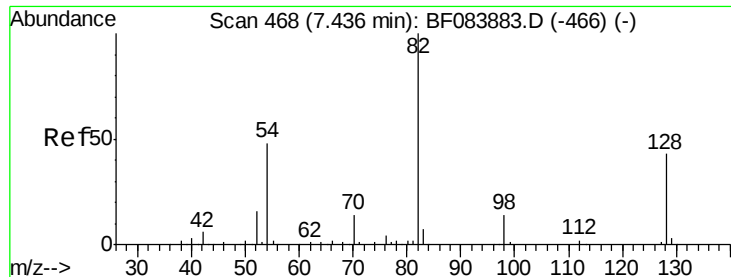
Tgt Ion: 70 Resp: 48776
Ion Ratio Lower Upper
70 100
42 41.0 33.3 49.9
101 0.0 9.3 13.9#
130 2.4 23.4 35.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 529
Delta R.T. -0.02 min
Lab File: BF083965.D
Acq: 19 Dec 2015 20:11

Tgt Ion: 136 Resp: 288026
Ion Ratio Lower Upper
136 100
137 10.5 8.7 13.1
54 5.7 5.8 8.8#
68 4.3 4.2 6.2

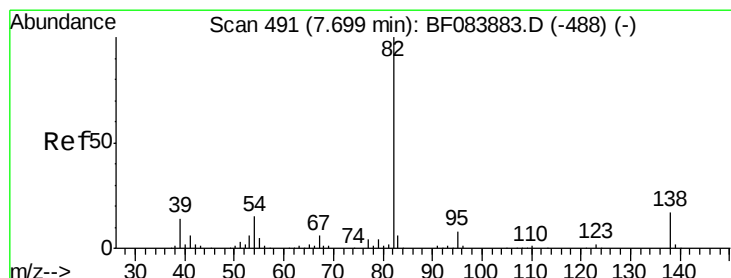
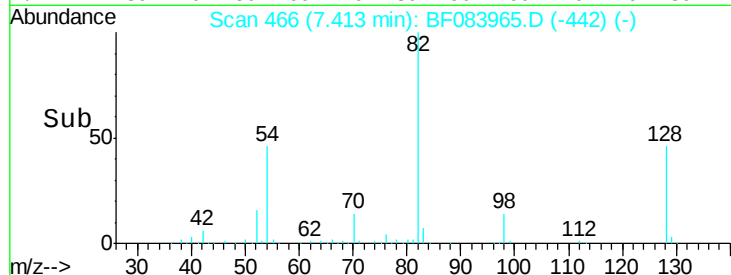
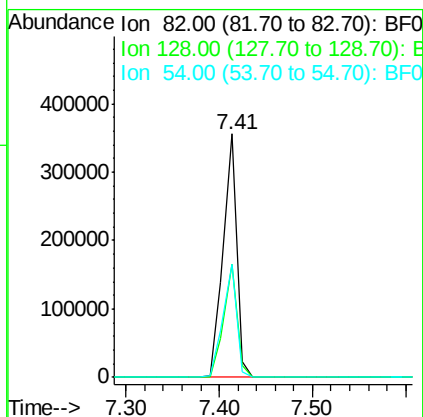
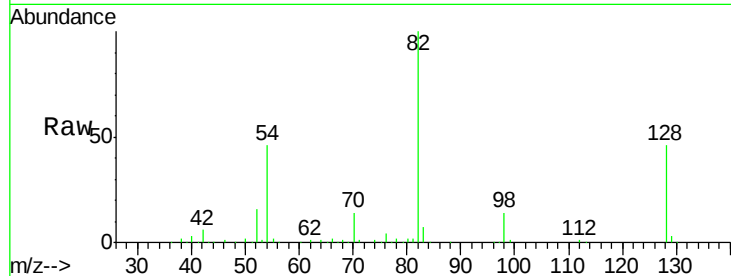




#23
 Nitrobenzene-d5
 Concen: 71.23 ng
 RT: 7.41 min Scan# 466
 Delta R.T. -0.02 min
 Lab File: BF083965.D
 Acq: 19 Dec 2015 20:11

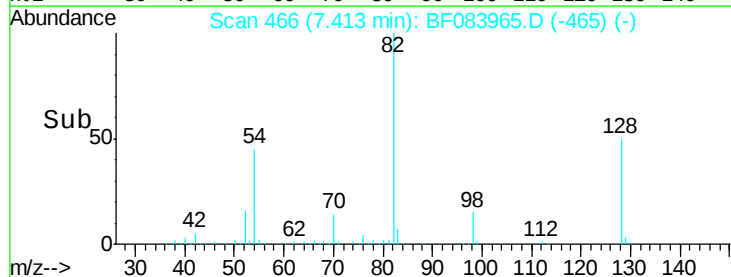
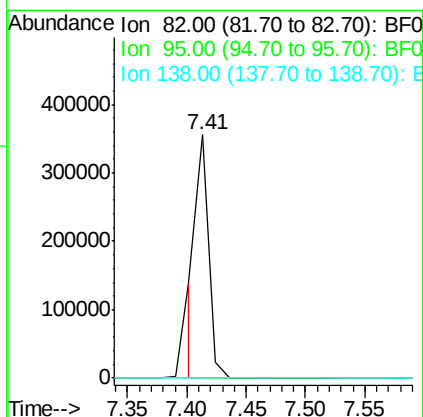
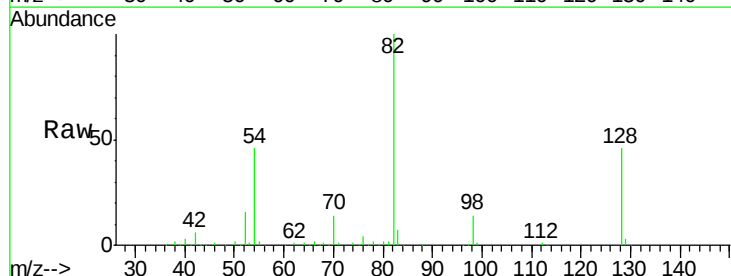
Instrument :
 BNA_F
 ClientSampleId :
 LTCWC-03

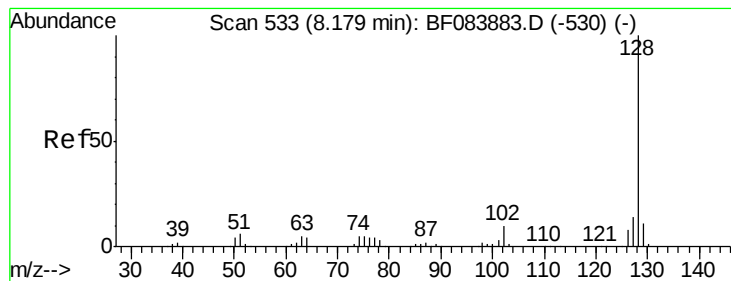
Tgt Ion: 82 Resp: 359466
 Ion Ratio Lower Upper
 82 100
 128 46.4 34.6 51.8
 54 46.5 38.4 57.6



#25
 Isophorone
 Concen: 27.63 ng
 RT: 7.41 min Scan# 466
 Delta R.T. -0.29 min
 Lab File: BF083965.D
 Acq: 19 Dec 2015 20:11

Tgt Ion: 82 Resp: 262314
 Ion Ratio Lower Upper
 82 100
 95 0.0 6.6 10.0#
 138 0.0 13.6 20.4#





#31

Naphthalene

Concen: Below Cal

RT: 8.16 min Scan# 531

Delta R.T. -0.02 min

Lab File: BF083965.D

Acq: 19 Dec 2015 20:11

Instrument :

BNA_F

ClientSampleId :

LTCWC-03

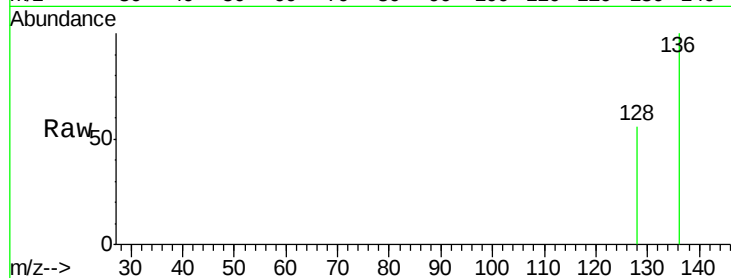
Tgt Ion:128 Resp: 422

Ion Ratio Lower Upper

128 100

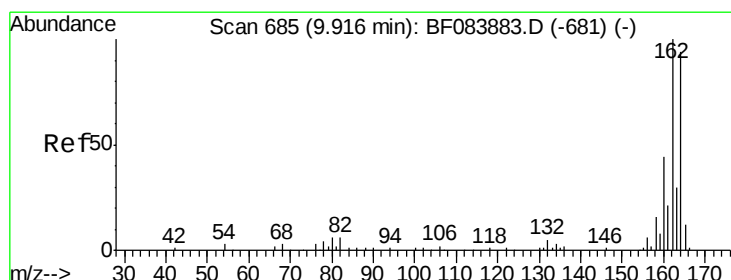
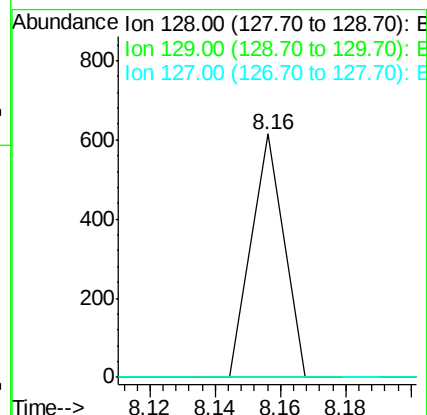
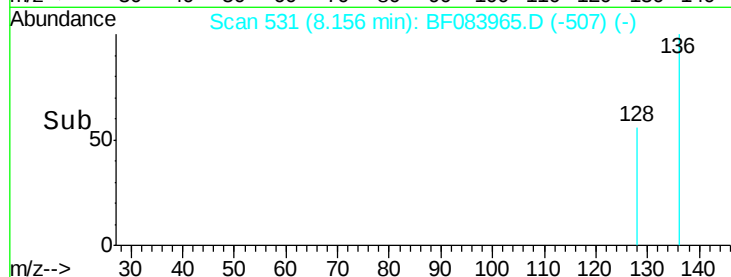
129 0.0 9.1 13.7#

127 0.0 11.1 16.7#



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

8.16



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.88 min Scan# 682

Delta R.T. -0.03 min

Lab File: BF083965.D

Acq: 19 Dec 2015 20:11

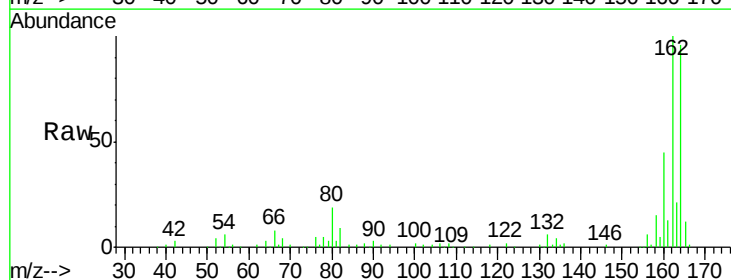
Tgt Ion:164 Resp: 129745

Ion Ratio Lower Upper

164 100

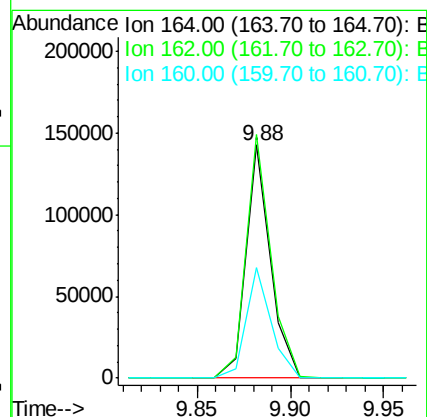
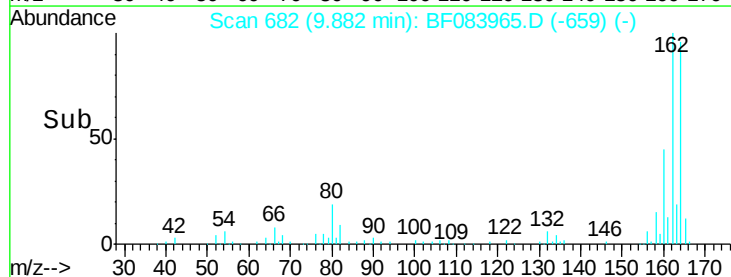
162 104.4 85.1 127.7

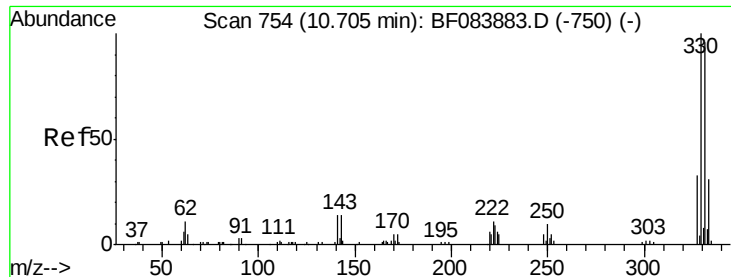
160 47.2 37.5 56.3



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

9.88

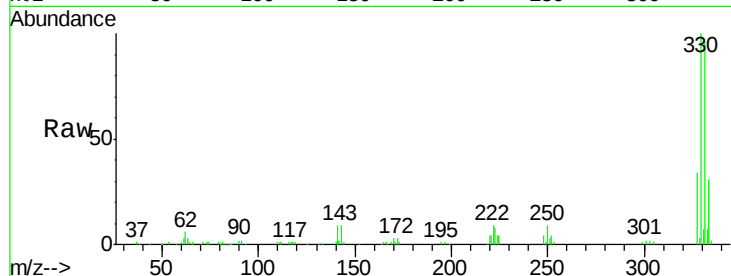




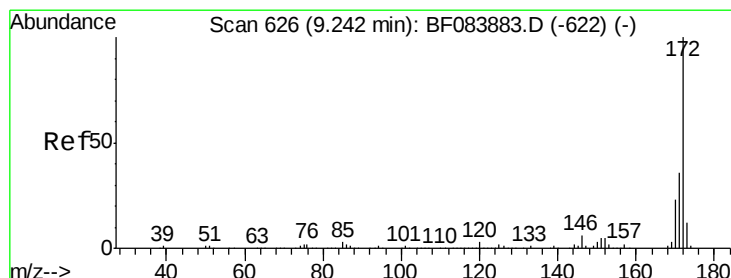
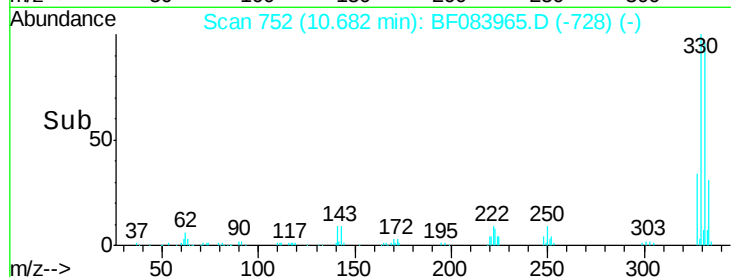
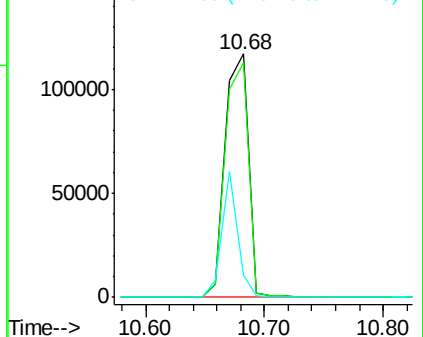
#41
 2,4,6-Tribromophenol
 Concen: 111.36 ng
 RT: 10.68 min Scan# 752
 Delta R.T. -0.02 min
 Lab File: BF083965.D
 Acq: 19 Dec 2015 20:11

Instrument :
 BNA_F
 ClientSampleId :
 LTCWC-03

Tgt Ion:330 Resp: 159175
 Ion Ratio Lower Upper
 330 100
 332 96.3 76.6 114.8
 141 34.8 27.8 41.6

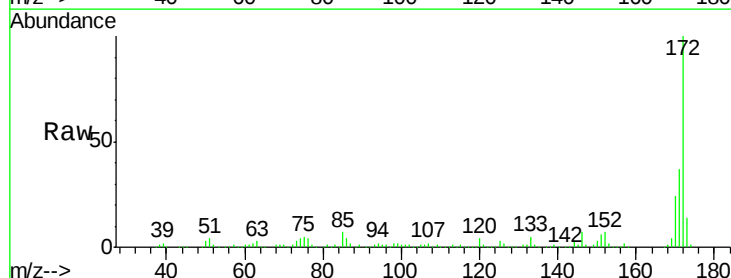


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

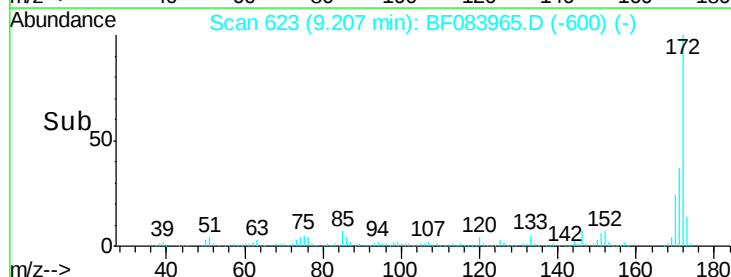
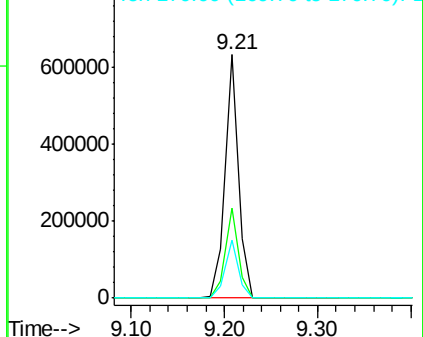


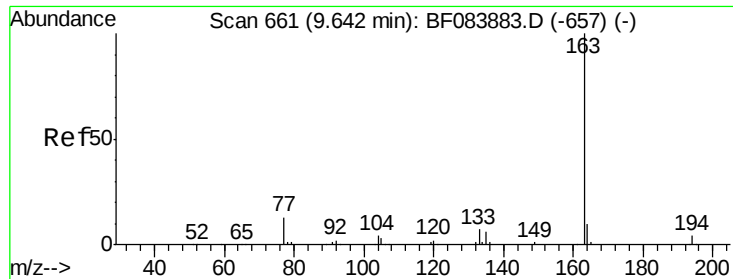
#44
 2-Fluorobiphenyl
 Concen: 66.41 ng
 RT: 9.21 min Scan# 623
 Delta R.T. -0.03 min
 Lab File: BF083965.D
 Acq: 19 Dec 2015 20:11

Tgt Ion:172 Resp: 635227
 Ion Ratio Lower Upper
 172 100
 171 36.7 28.9 43.3
 170 23.9 18.6 27.8



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

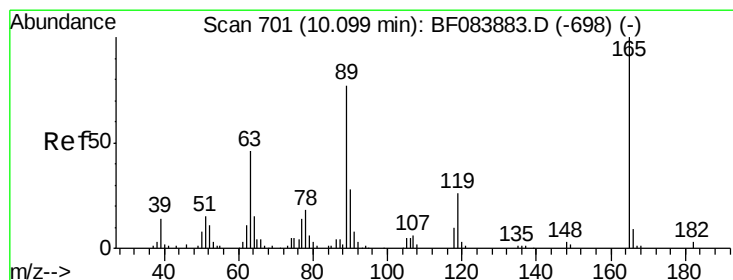
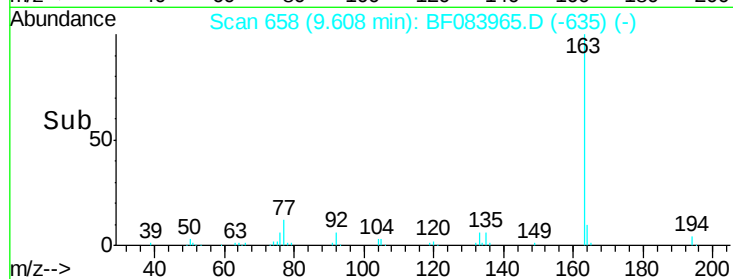
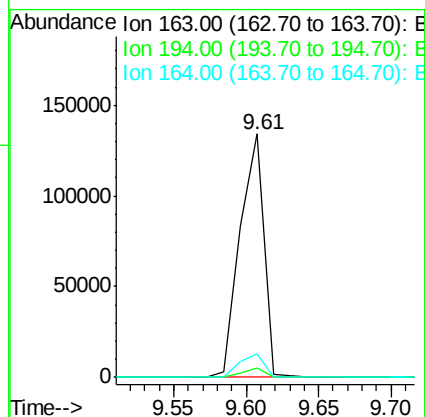
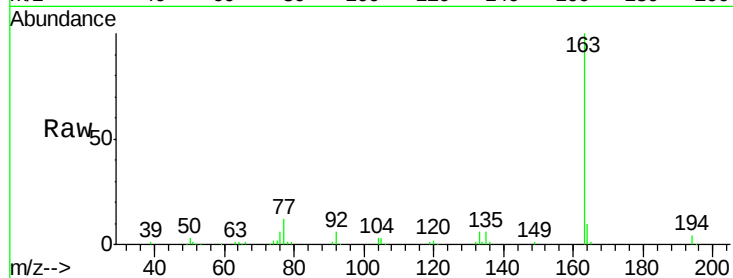




#49
Dimethylphthalate
Concen: 14.10 ng
RT: 9.61 min Scan# 658
Delta R.T. -0.03 min
Lab File: BF083965.D
Acq: 19 Dec 2015 20:11

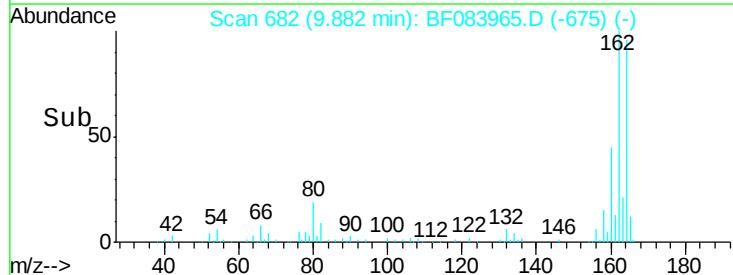
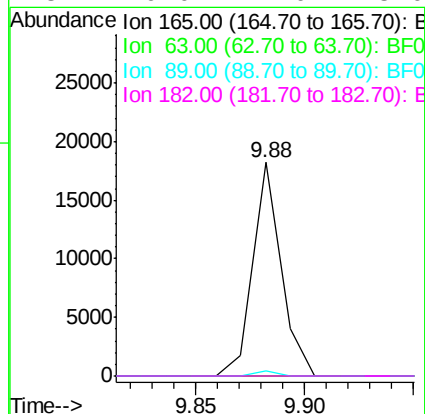
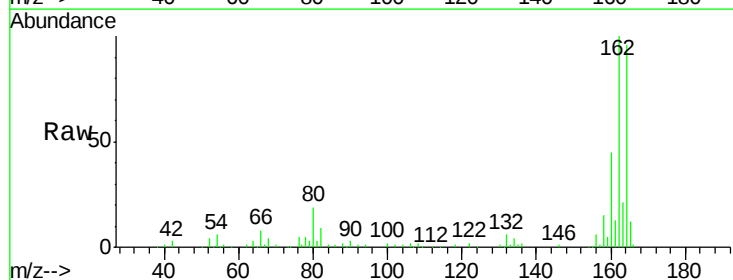
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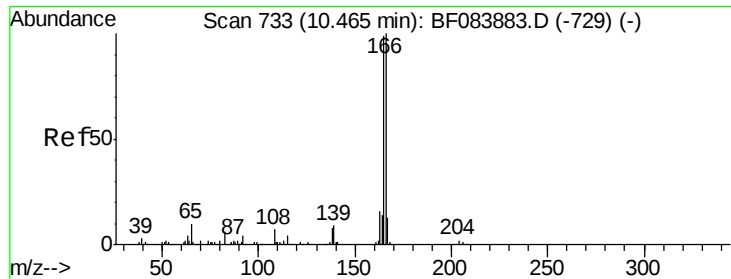
Tgt Ion:163 Resp: 153484
Ion Ratio Lower Upper
163 100
194 3.6 8.0 12.0#
164 9.7 8.0 12.0



#56
2,4-Dinitrotoluene
Concen: 5.43 ng
RT: 9.88 min Scan# 682
Delta R.T. -0.22 min
Lab File: BF083965.D
Acq: 19 Dec 2015 20:11

Tgt Ion:165 Resp: 16526
Ion Ratio Lower Upper
165 100
63 0.0 36.7 55.1#
89 2.1 61.9 92.9#
182 0.0 2.0 3.0#

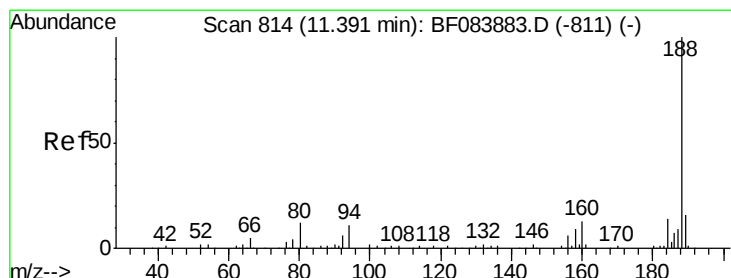
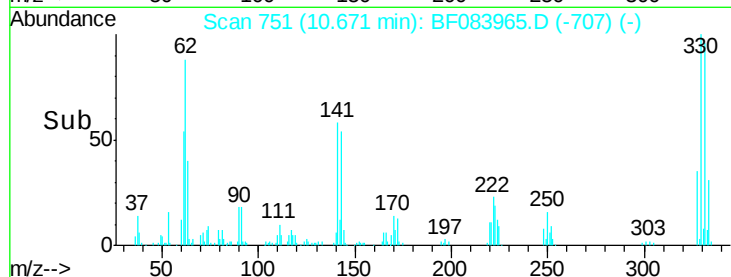
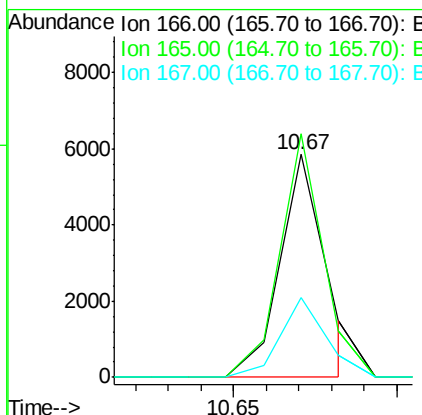
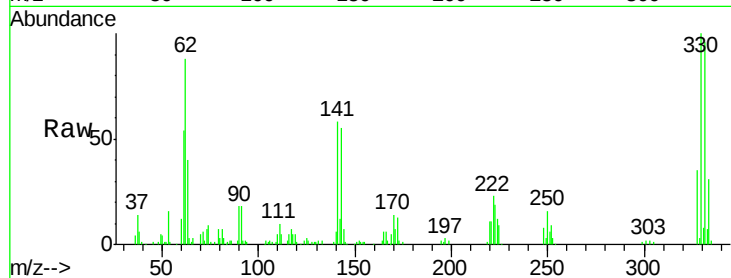




#57
 Fluorene
 Concen: Below Cal
 RT: 10.67 min Scan# 751
 Delta R.T. 0.21 min
 Lab File: BF083965.D
 Acq: 19 Dec 2015 20:11

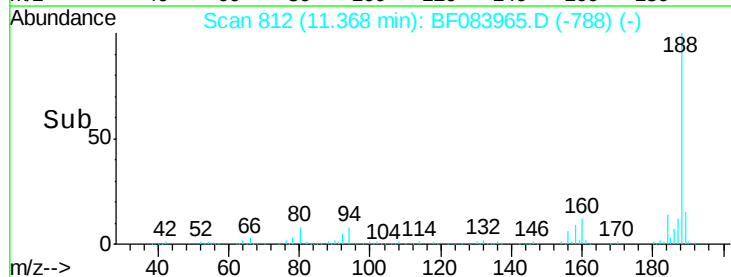
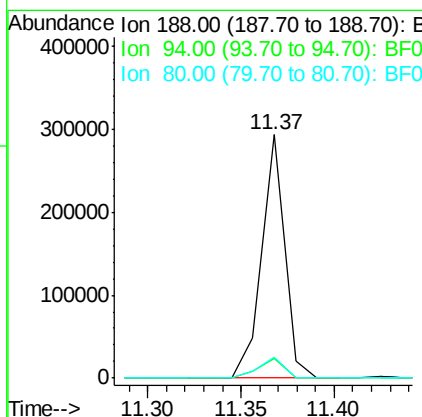
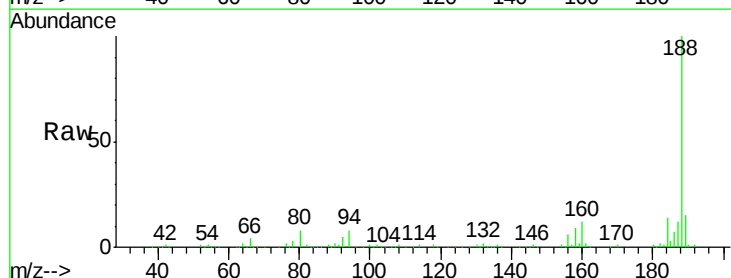
Instrument :
 BNA_F
 ClientSampleId :
 LTCWC-03

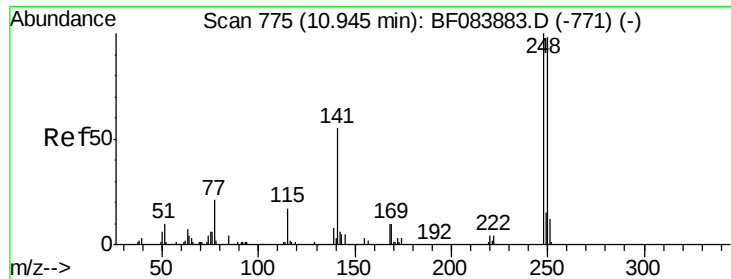
Tgt Ion:166 Resp: 5655
 Ion Ratio Lower Upper
 166 100
 165 109.3 79.1 118.7
 167 35.9 10.4 15.6#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.37 min Scan# 812
 Delta R.T. -0.02 min
 Lab File: BF083965.D
 Acq: 19 Dec 2015 20:11

Tgt Ion:188 Resp: 249698
 Ion Ratio Lower Upper
 188 100
 94 8.2 9.0 13.4#
 80 8.5 9.6 14.4#





#66

4-Bromophenyl-phenylether

Concen: 3.24 ng

RT: 10.67 min Scan# 751

Delta R.T. -0.27 min

Lab File: BF083965.D

Acq: 19 Dec 2015 20:11

Instrument :

BNA_F

ClientSampleId :

LTCWC-03

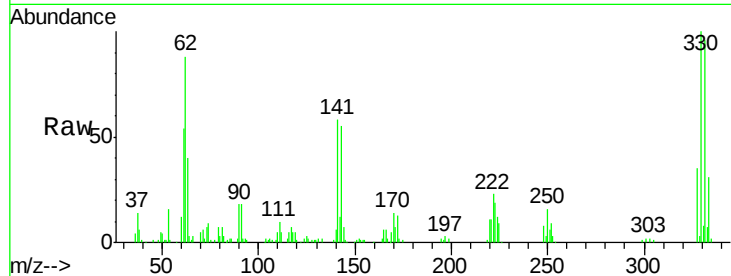
Tgt Ion:248 Resp: 9884

Ion Ratio Lower Upper

248 100

250 196.6 78.4 117.6#

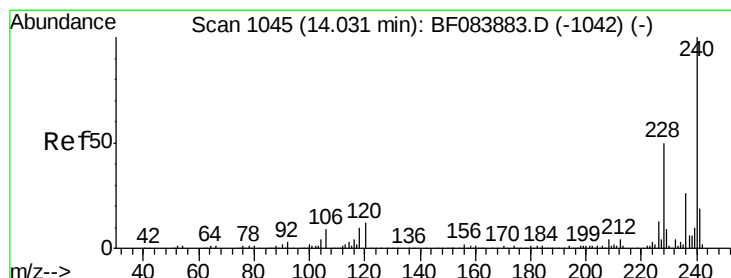
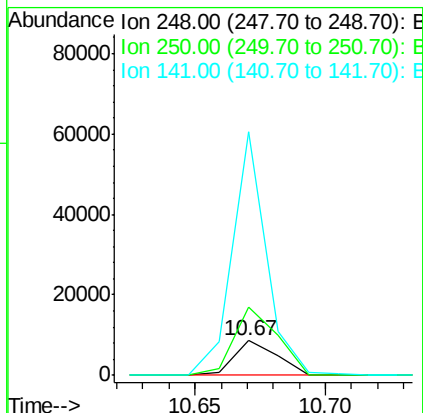
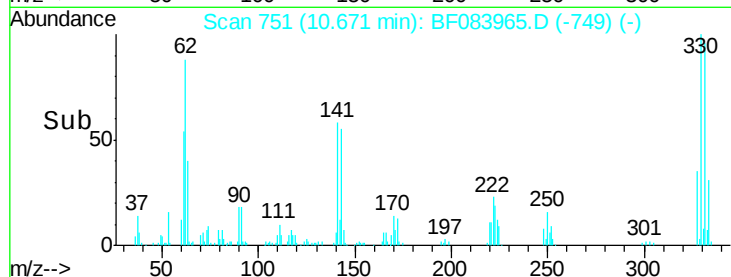
141 703.5 44.0 66.0#



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: 14.00 min Scan# 1042

Delta R.T. -0.03 min

Lab File: BF083965.D

Acq: 19 Dec 2015 20:11

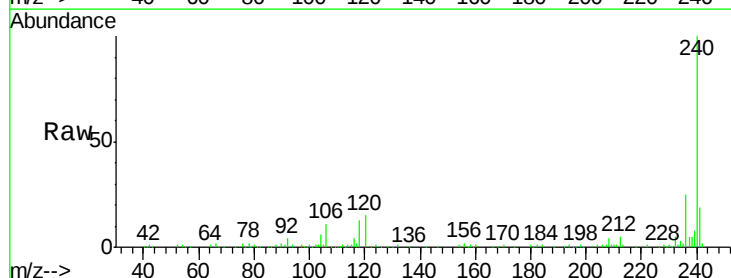
Tgt Ion:240 Resp: 184572

Ion Ratio Lower Upper

240 100

120 14.7 9.5 14.3#

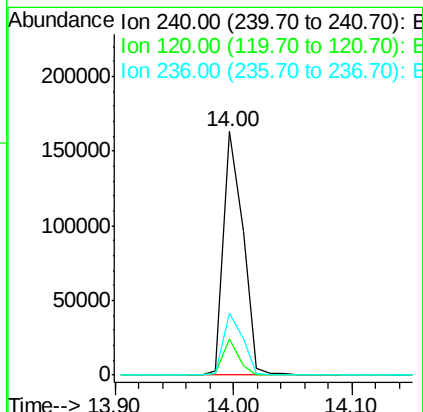
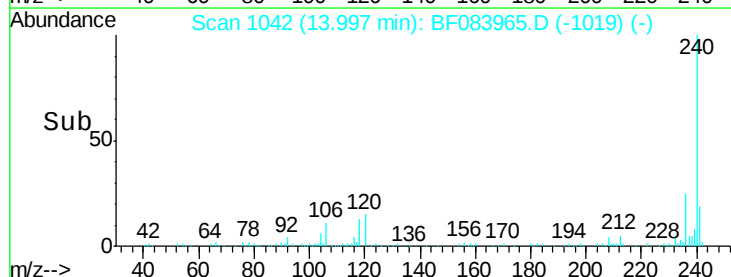
236 25.2 20.6 31.0

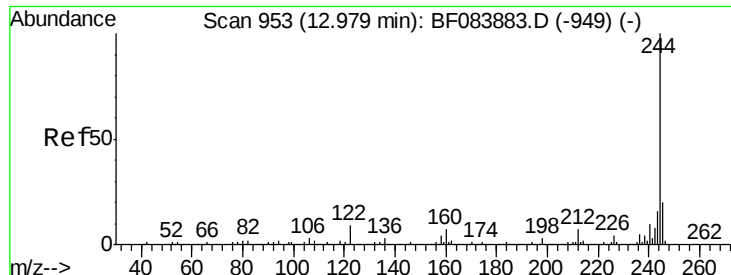


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

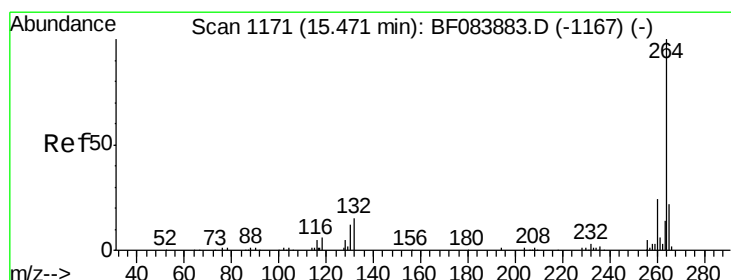
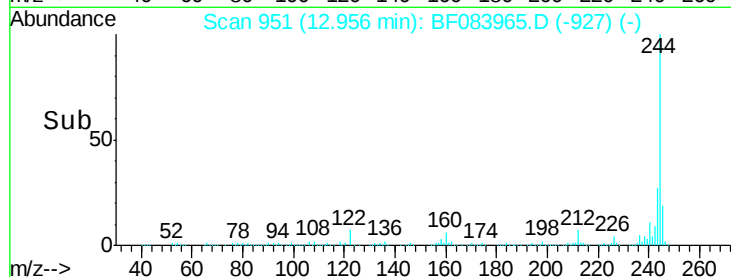
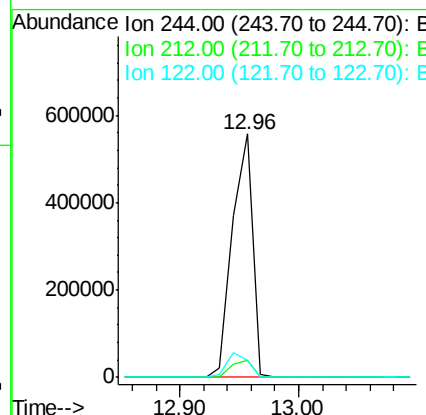
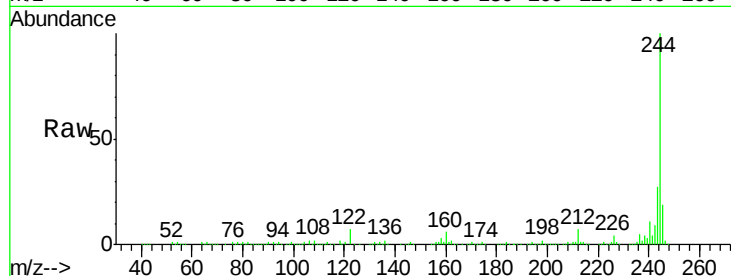




#78
 Terphenyl-d14
 Concen: 83.13 ng
 RT: 12.96 min Scan# 951
 Delta R.T. -0.02 min
 Lab File: BF083965.D
 Acq: 19 Dec 2015 20:11

Instrument :
 BNA_F
 ClientSampleId :
 LTCWC-03

Tgt Ion:244 Resp: 657366
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.7 8.5
 122 7.2 7.4 11.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.44 min Scan# 1168
 Delta R.T. -0.03 min
 Lab File: BF083965.D
 Acq: 19 Dec 2015 20:11

Tgt Ion:264 Resp: 145133
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.4 29.2
 265 20.8 17.8 26.6

