

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122015\
 Data File : BF083964.D
 Acq On : 19 Dec 2015 19:43
 Operator : UM/SJ
 Sample : G4869-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LTCWC-02

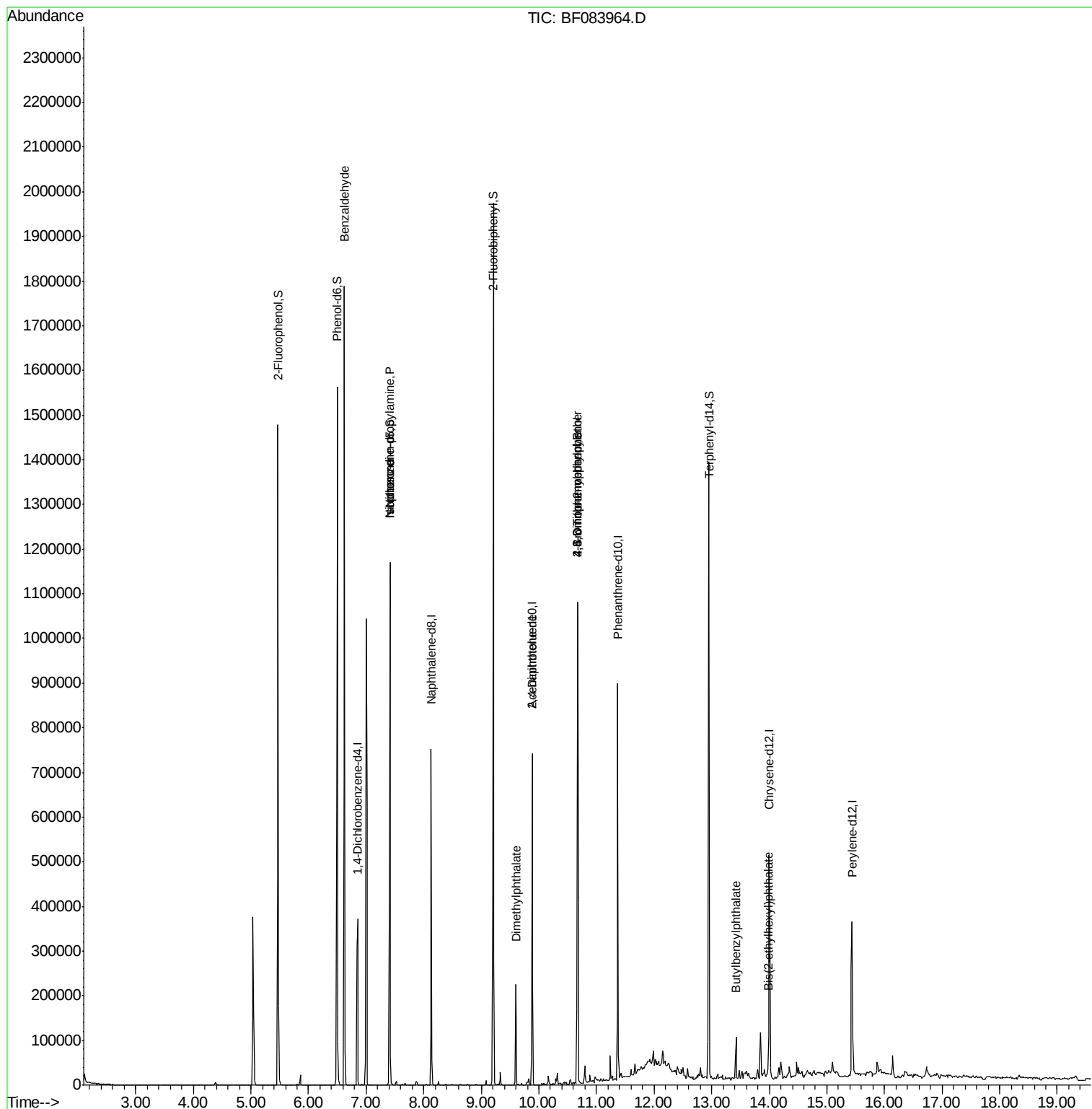
Quant Time: Dec 21 00:58:04 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 18 14:23:22 2015
 Response via : Initial Calibration

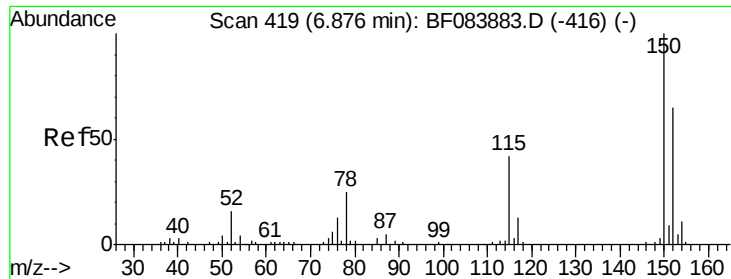
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	82864	20.00	ng	-0.02
21) Naphthalene-d8	8.13	136	323953	20.00	ng	-0.02
38) Acenaphthene-d10	9.88	164	155097	20.00	ng	-0.03
63) Phenanthrene-d10	11.37	188	299729	20.00	ng	-0.02
75) Chrysene-d12	14.00	240	220314	20.00	ng	-0.03
86) Perylene-d12	15.44	264	168751	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	424418	80.15	ng	-0.01
7) Phenol-d6	6.50	99	570399	88.01	ng	-0.01
23) Nitrobenzene-d5	7.41	82	400516	70.56	ng	-0.02
41) 2,4,6-Tribromophenol	10.67	330	149869	87.71	ng	-0.03
44) 2-Fluorobiphenyl	9.21	172	625906	53.41	ng	-0.03
78) Terphenyl-d14	12.96	244	624273	64.75	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.62	77	12508	3.20	ng	Qvalue 86
19) n-Nitroso-di-n-propylamine	7.41	70	54651	14.46	ng	# 76
25) Isophorone	7.41	82	296422	27.76	ng	# 66
31) Naphthalene	8.16	128	584	Below Cal	#	68
45) 1,1'-Biphenyl	9.21	154	1209	Below Cal	#	1
49) Dimethylphthalate	9.61	163	149866	11.52	ng	# 91
56) 2,4-Dinitrotoluene	9.88	165	19731	5.42	ng	# 22
57) Fluorene	10.43	166	243	Below Cal	#	1
64) 4,6-Dinitro-2-methylphenol	10.67	198	291	4.07	ng	# 1
66) 4-Bromophenyl-phenylether	10.67	248	9749	2.66	ng	# 1
77) Pyrene	12.81	202	9018	Below Cal		96
79) Butylbenzylphthalate	13.42	149	23679	3.23	ng	# 77
83) Bis(2-ethylhexyl)phthalate	13.98	149	25930	2.65	ng	# 97

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

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Sample    : G4869-02  
Misc      :  
ALS Vial  : 14      Sample Multiplier: 1
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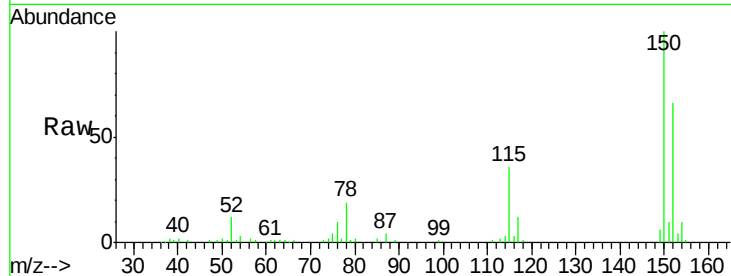




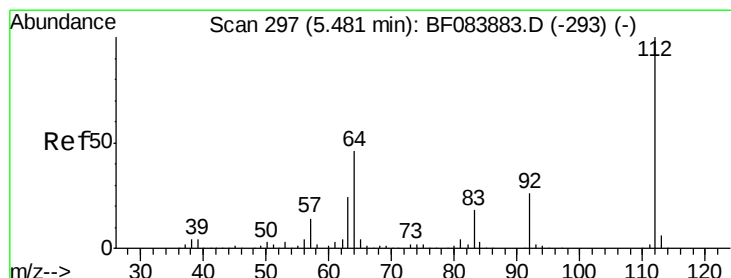
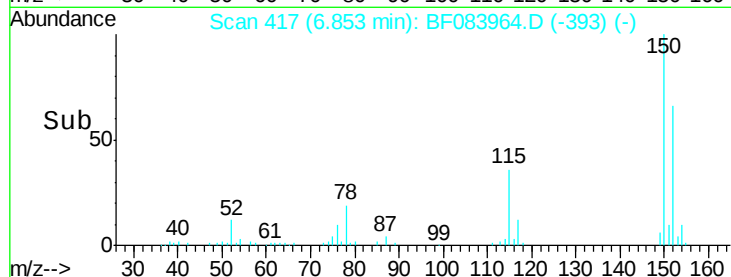
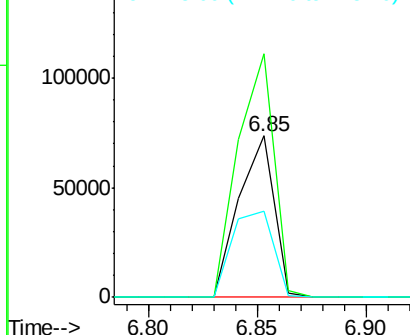
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.85 min Scan# 417
 Delta R.T. -0.02 min
 Lab File: BF083964.D
 Acq: 19 Dec 2015 19:43

Instrument :
 BNA_F
 ClientSampleId :
 LTCWC-02

Tgt Ion:152 Resp: 82864
 Ion Ratio Lower Upper
 152 100
 150 151.2 123.0 184.4
 115 53.8 51.4 77.2

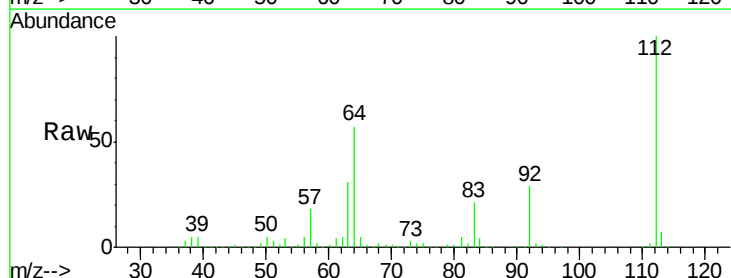


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

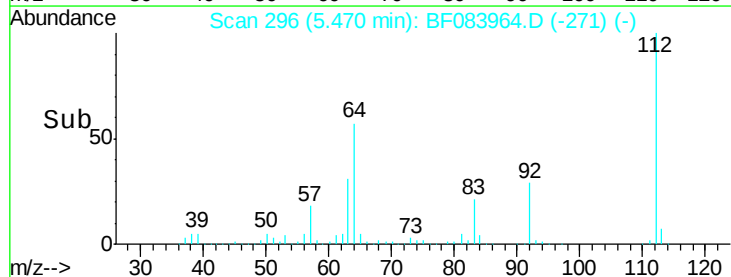
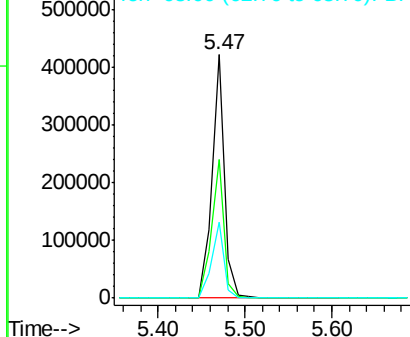


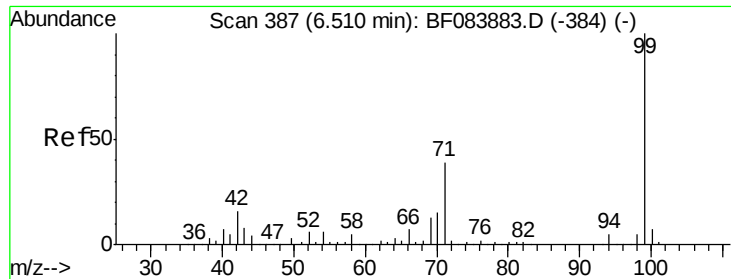
#5
 2-Fluorophenol
 Concen: 80.15 ng
 RT: 5.47 min Scan# 296
 Delta R.T. -0.01 min
 Lab File: BF083964.D
 Acq: 19 Dec 2015 19:43

Tgt Ion:112 Resp: 424418
 Ion Ratio Lower Upper
 112 100
 64 56.8 36.6 55.0#
 63 31.0 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: 88.01 ng

RT: 6.50 min Scan# 386

Delta R.T. -0.01 min

Lab File: BF083964.D

Acq: 19 Dec 2015 19:43

Instrument :

BNA_F

ClientSampleId :

LTCWC-02

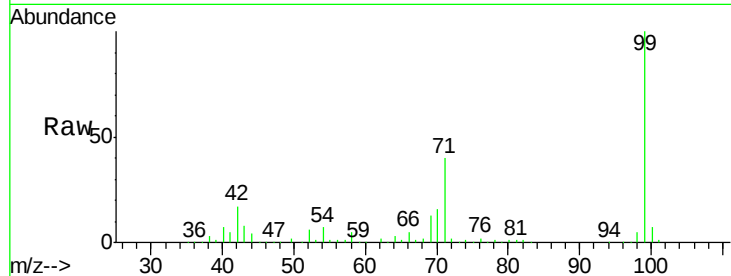
Tgt Ion: 99 Resp: 570399

Ion Ratio Lower Upper

99 100

42 16.9 12.8 19.2

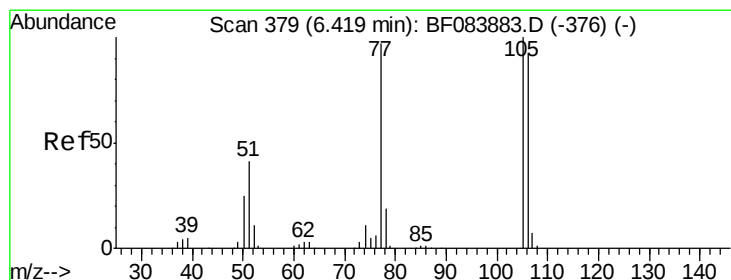
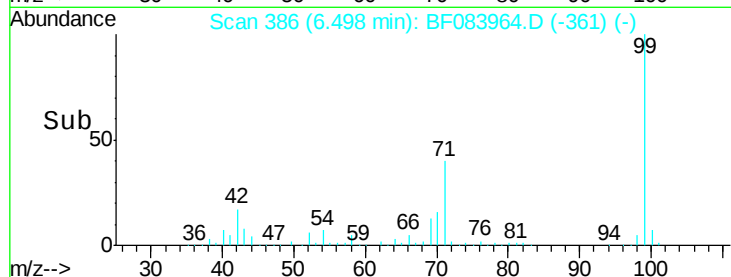
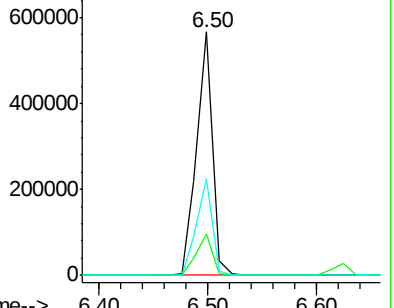
71 39.7 30.9 46.3



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: 3.20 ng

RT: 6.62 min Scan# 397

Delta R.T. 0.21 min

Lab File: BF083964.D

Acq: 19 Dec 2015 19:43

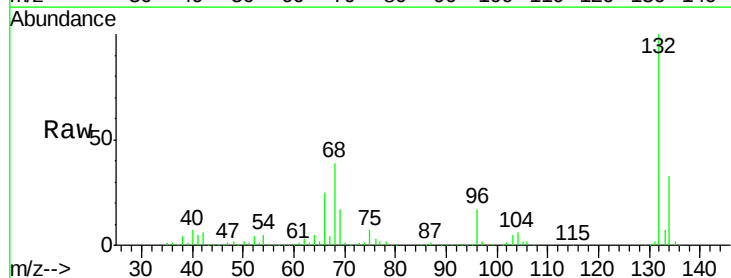
Tgt Ion: 77 Resp: 12508

Ion Ratio Lower Upper

77 100

105 85.1 83.0 123.0

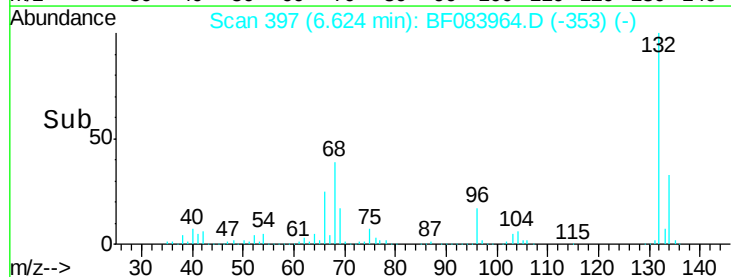
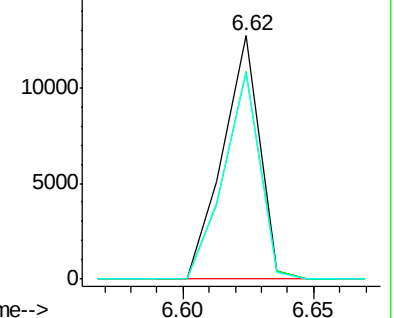
106 84.8 74.6 114.6

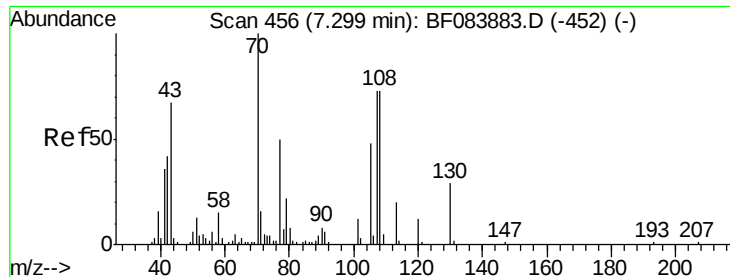


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): B

Ion 106.00 (105.70 to 106.70): B

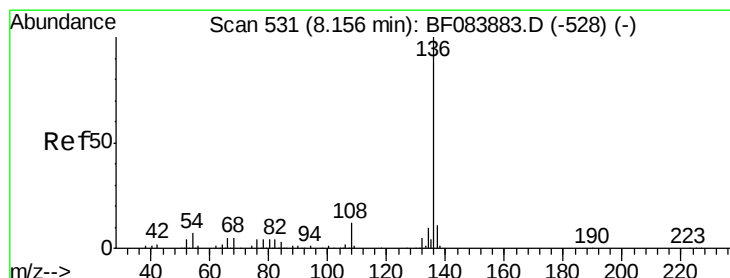
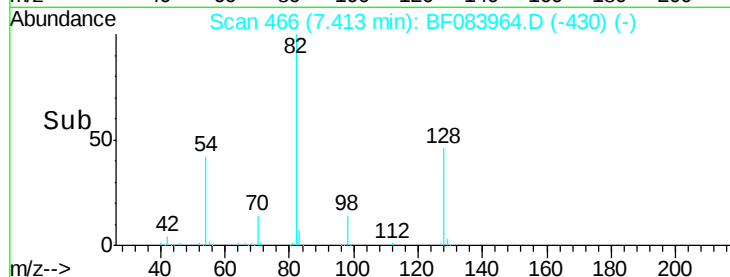
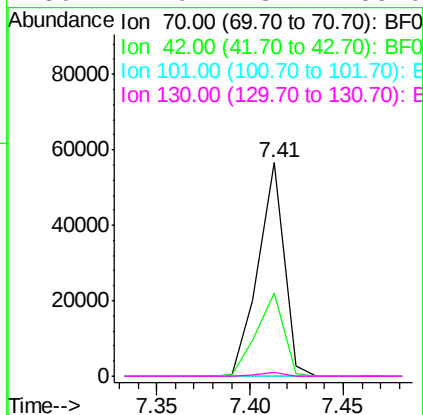
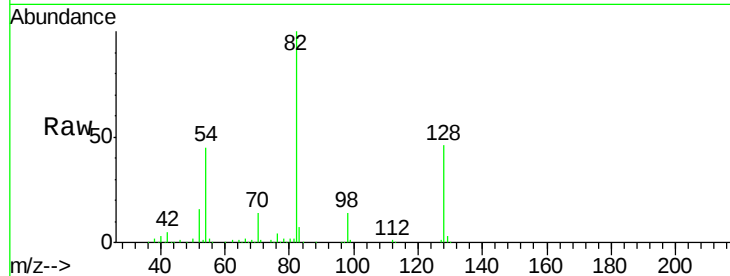




#19
n-Nitroso-di-n-propylamine
Concen: 14.46 ng
RT: 7.41 min Scan# 466
Delta R.T. 0.11 min
Lab File: BF083964.D
Acq: 19 Dec 2015 19:43

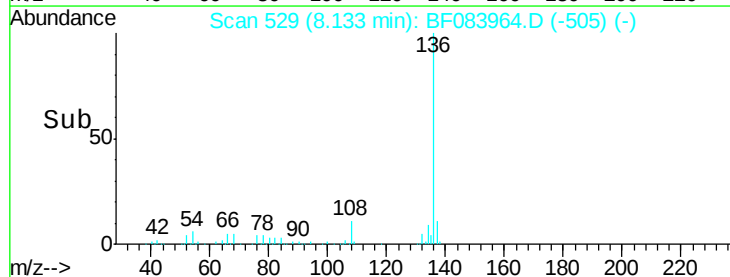
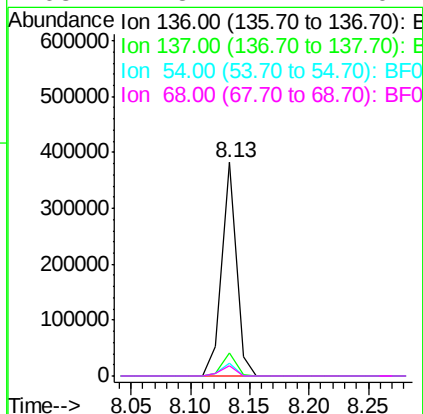
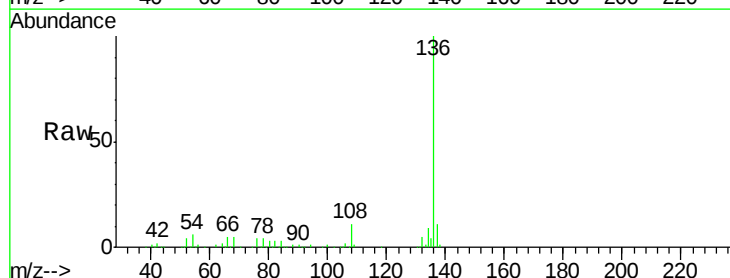
Instrument :
BNA_F
ClientSampleId :
LTCWC-02

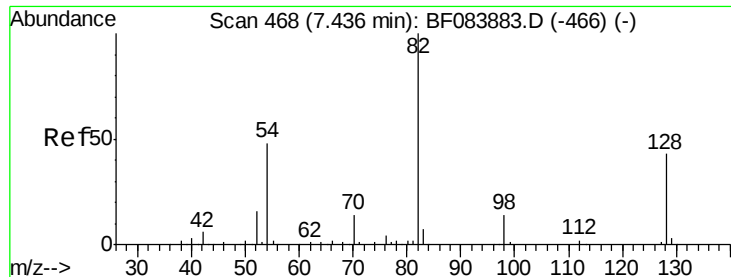
Tgt Ion: 70 Resp: 54651
Ion Ratio Lower Upper
70 100
42 38.8 33.3 49.9
101 0.0 9.3 13.9#
130 2.0 23.4 35.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 529
Delta R.T. -0.02 min
Lab File: BF083964.D
Acq: 19 Dec 2015 19:43

Tgt Ion: 136 Resp: 323953
Ion Ratio Lower Upper
136 100
137 10.9 8.7 13.1
54 6.1 5.8 8.8
68 4.8 4.2 6.2

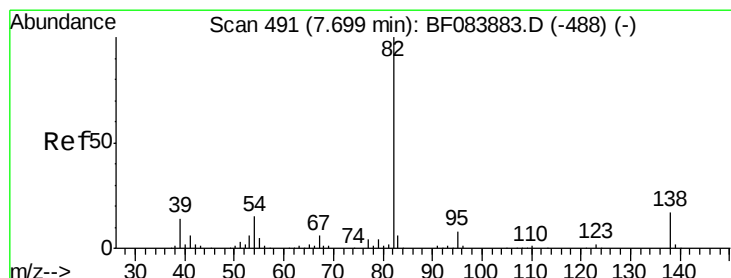
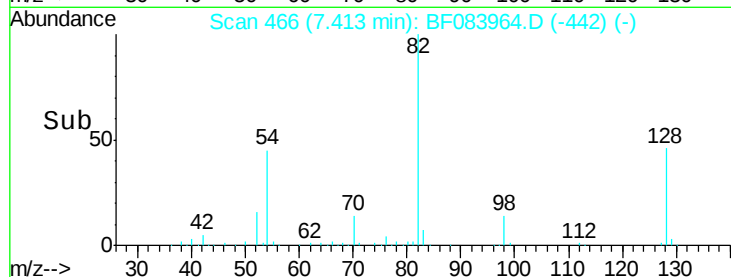
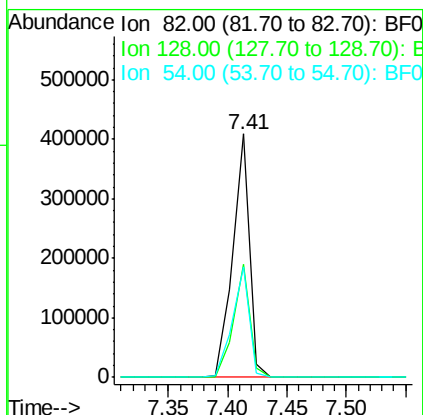
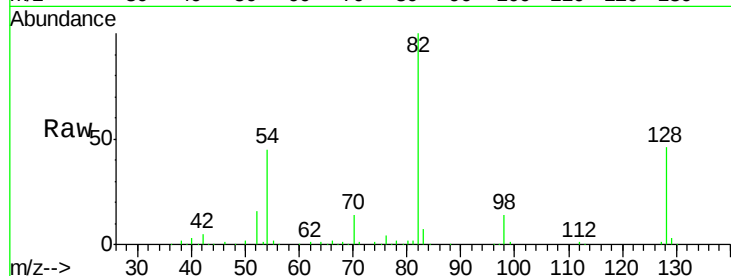




#23
 Nitrobenzene-d5
 Concen: 70.56 ng
 RT: 7.41 min Scan# 466
 Delta R.T. -0.02 min
 Lab File: BF083964.D
 Acq: 19 Dec 2015 19:43

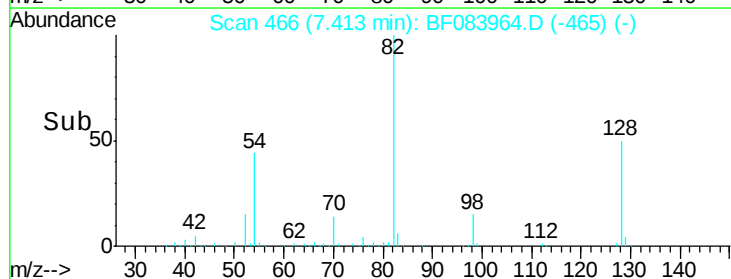
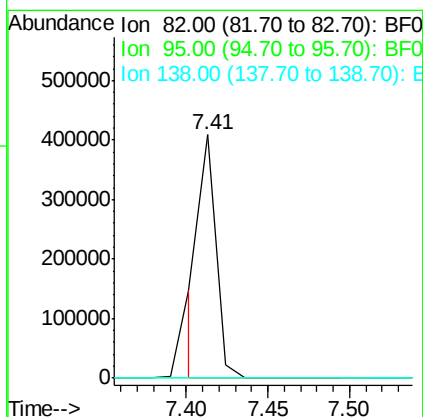
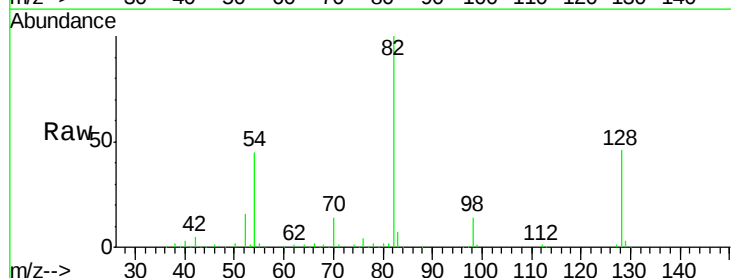
Instrument :
 BNA_F
 ClientSampleId :
 LTCWC-02

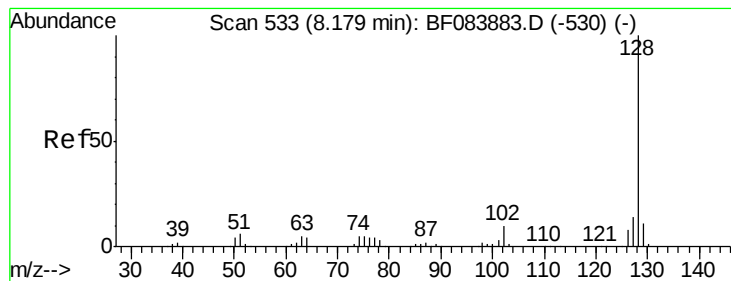
Tgt Ion: 82 Resp: 400516
 Ion Ratio Lower Upper
 82 100
 128 46.4 34.6 51.8
 54 45.4 38.4 57.6



#25
 Isophorone
 Concen: 27.76 ng
 RT: 7.41 min Scan# 466
 Delta R.T. -0.29 min
 Lab File: BF083964.D
 Acq: 19 Dec 2015 19:43

Tgt Ion: 82 Resp: 296422
 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: BF083964.D

Acq: 19 Dec 2015 19:43

Instrument :

BNA_F

ClientSampled :

LTCWC-02

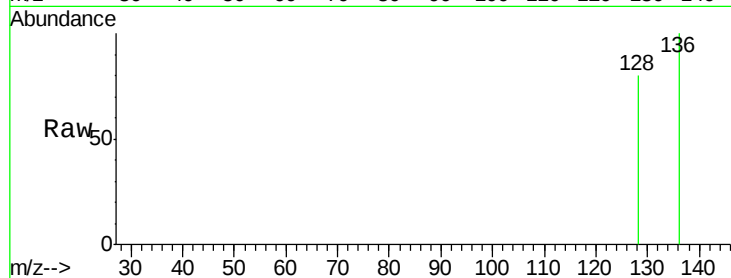
Tgt Ion:128 Resp: 584

Ion Ratio Lower Upper

128 100

129 0.0 9.1 13.7#

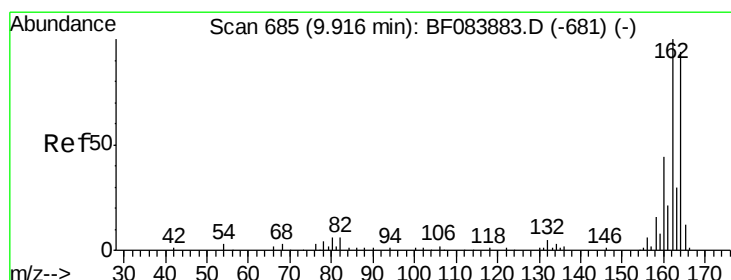
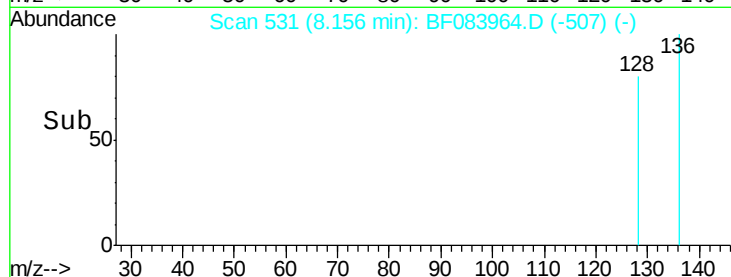
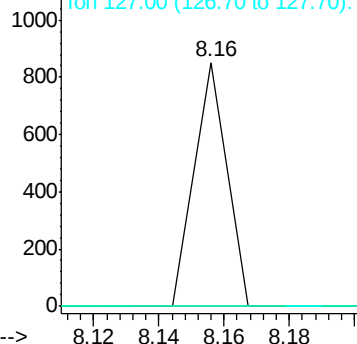
127 0.0 11.1 16.7#



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



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.88 min Scan# 682

Delta R.T. -0.03 min

Lab File: BF083964.D

Acq: 19 Dec 2015 19:43

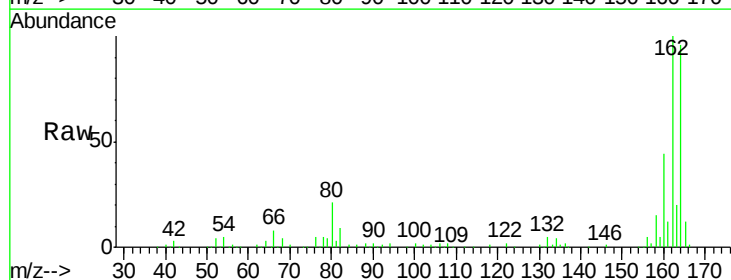
Tgt Ion:164 Resp: 155097

Ion Ratio Lower Upper

164 100

162 104.1 85.1 127.7

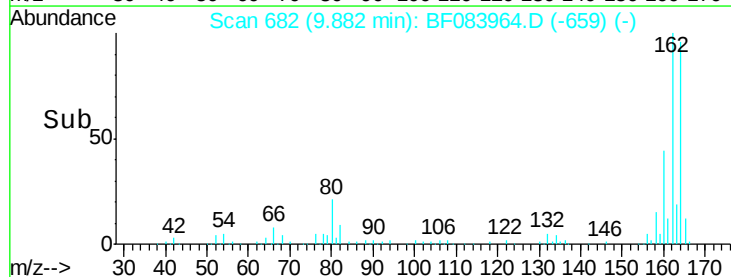
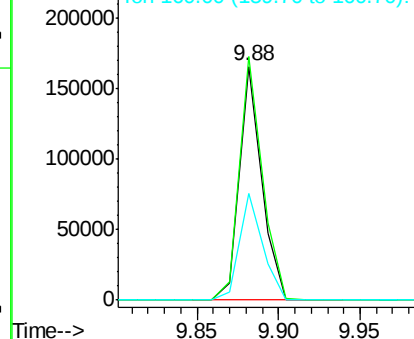
160 45.8 37.5 56.3

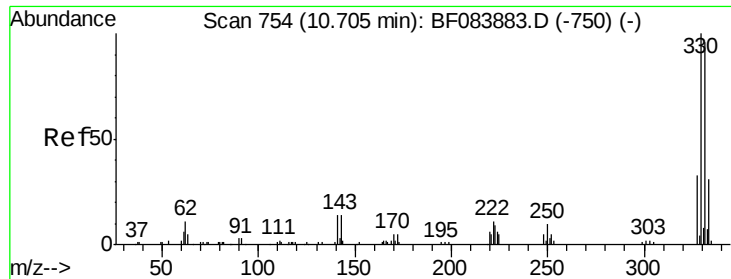


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

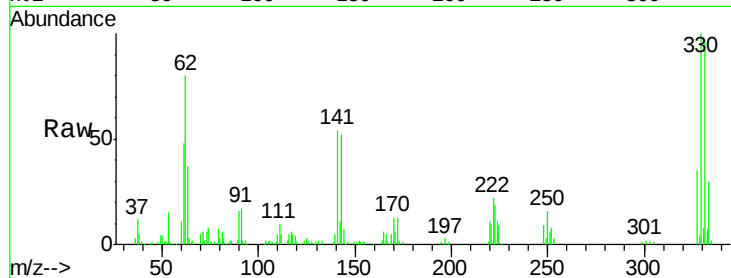




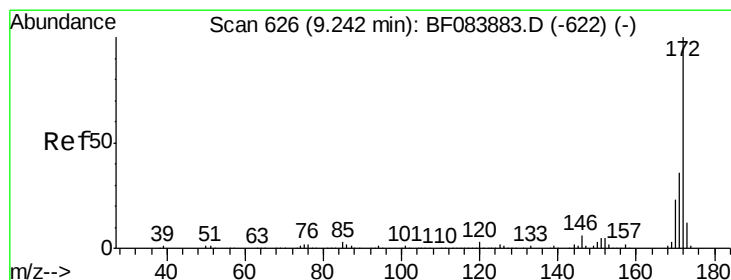
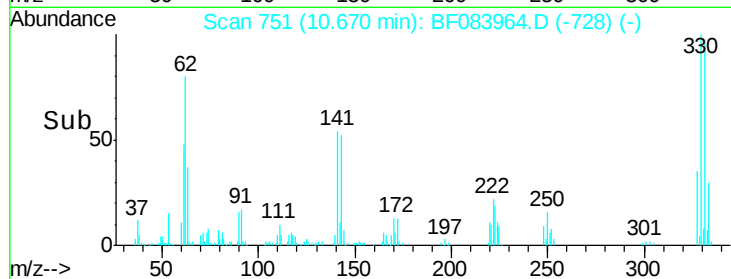
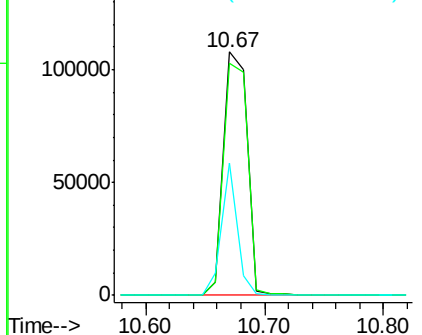
#41
 2,4,6-Tribromophenol
 Concen: 87.71 ng
 RT: 10.67 min Scan# 751
 Delta R.T. -0.03 min
 Lab File: BF083964.D
 Acq: 19 Dec 2015 19:43

Instrument :
 BNA_F
 ClientSampleId :
 LTCWC-02

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.4	76.6	114.8
141	35.3	27.8	41.6

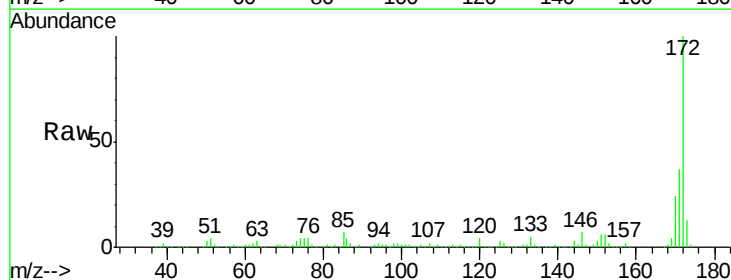


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

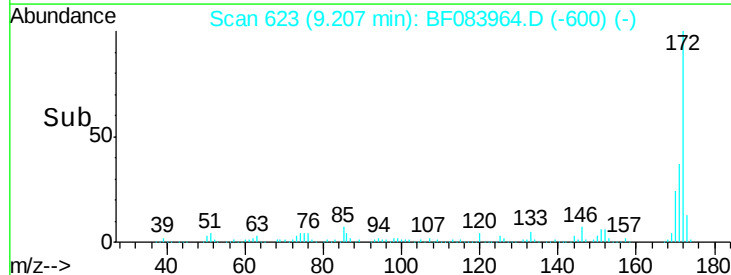
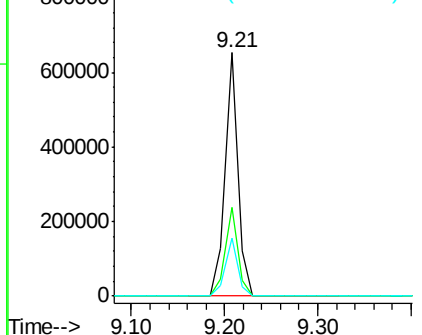


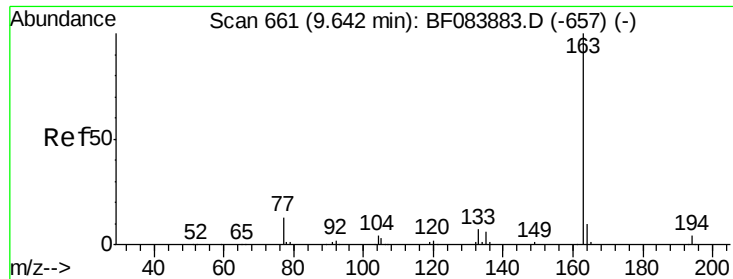
#44
 2-Fluorobiphenyl
 Concen: 53.41 ng
 RT: 9.21 min Scan# 623
 Delta R.T. -0.03 min
 Lab File: BF083964.D
 Acq: 19 Dec 2015 19:43

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	28.9	43.3
170	24.0	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

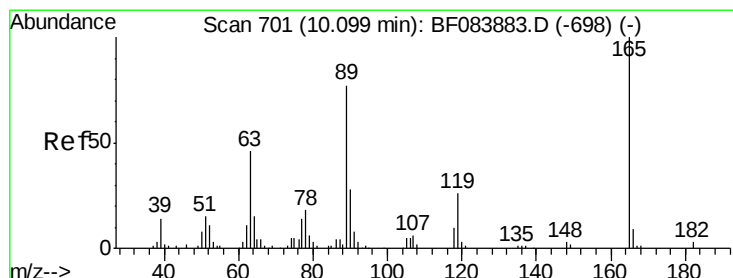
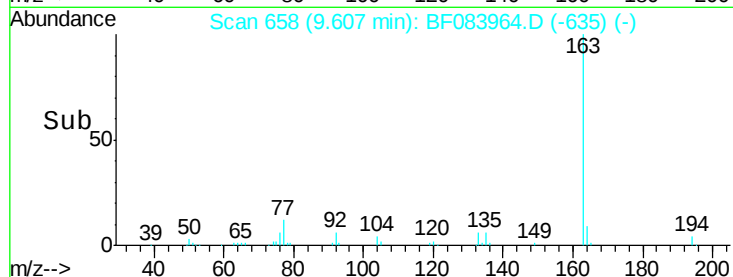
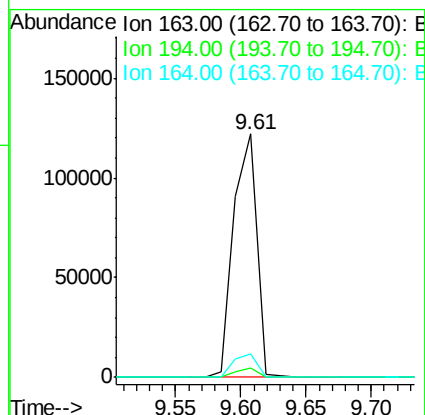
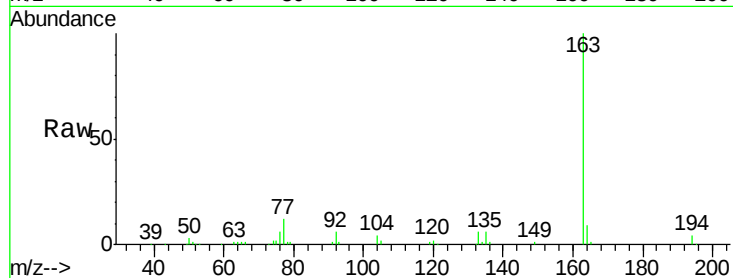




#49
Dimethylphthalate
Concen: 11.52 ng
RT: 9.61 min Scan# 658
Delta R.T. -0.03 min
Lab File: BF083964.D
Acq: 19 Dec 2015 19:43

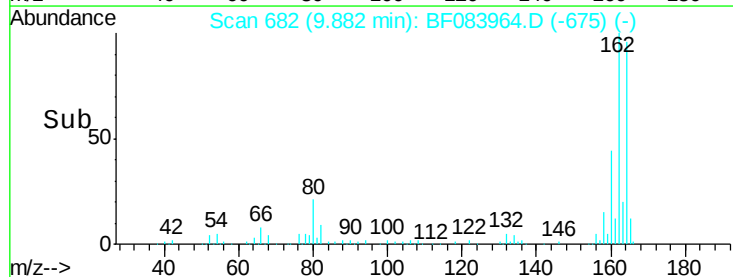
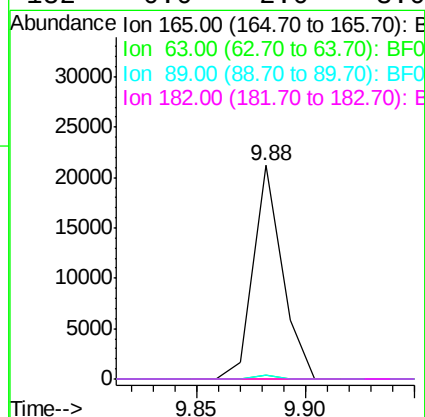
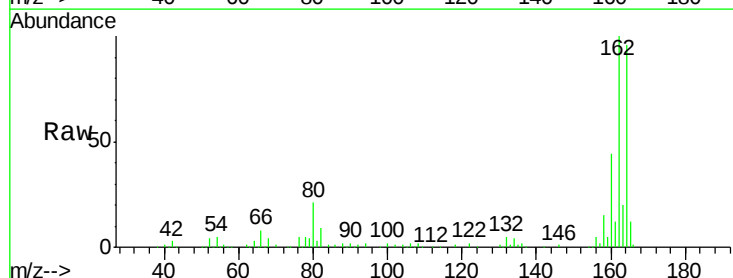
Instrument :
BNA_F
ClientSampleId :
LTCWC-02

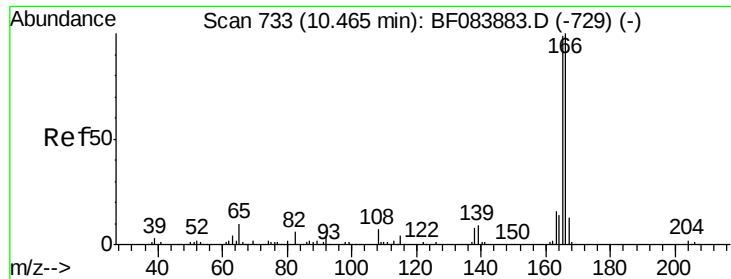
Tgt Ion:163 Resp: 149866
Ion Ratio Lower Upper
163 100
194 3.6 8.0 12.0#
164 9.4 8.0 12.0



#56
2,4-Dinitrotoluene
Concen: 5.42 ng
RT: 9.88 min Scan# 682
Delta R.T. -0.22 min
Lab File: BF083964.D
Acq: 19 Dec 2015 19:43

Tgt Ion:165 Resp: 19731
Ion Ratio Lower Upper
165 100
63 1.5 36.7 55.1#
89 2.0 61.9 92.9#
182 0.0 2.0 3.0#

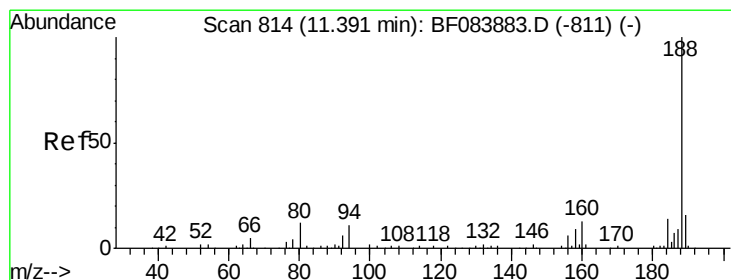
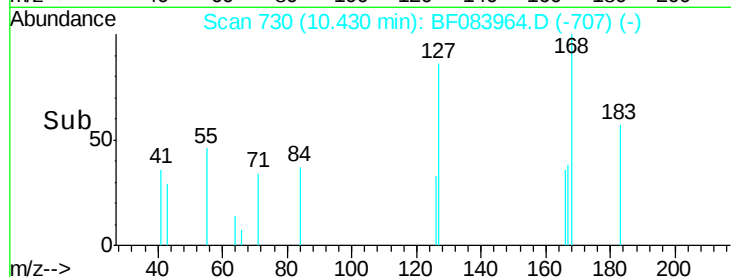
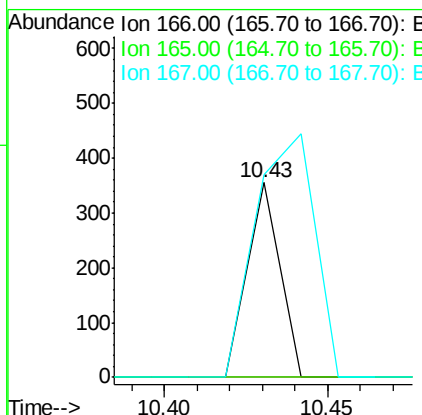
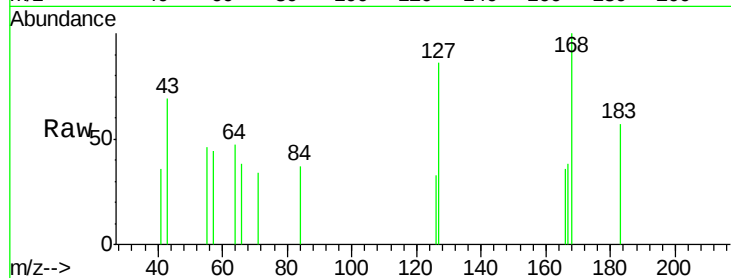




#57
 Fluorene
 Concen: Below Cal
 RT: 10.43 min Scan# 730
 Delta R.T. -0.03 min
 Lab File: BF083964.D
 Acq: 19 Dec 2015 19:43

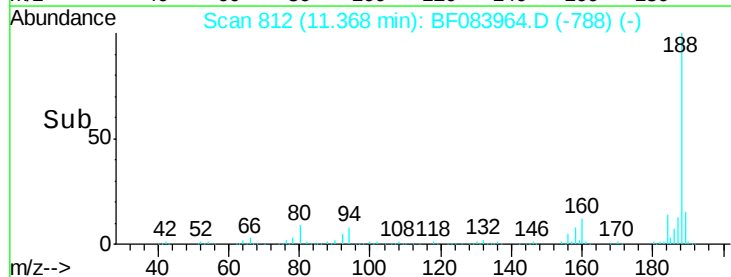
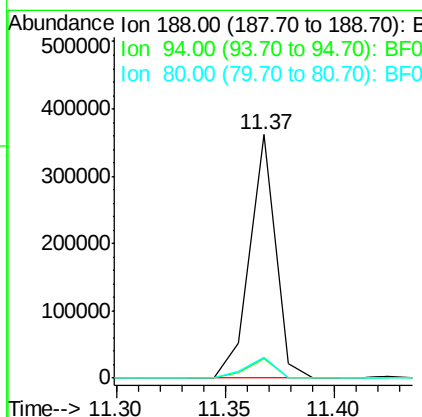
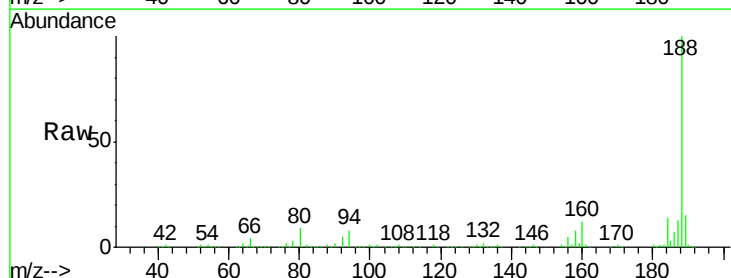
Instrument :
 BNA_F
 ClientSampleId :
 LTCWC-02

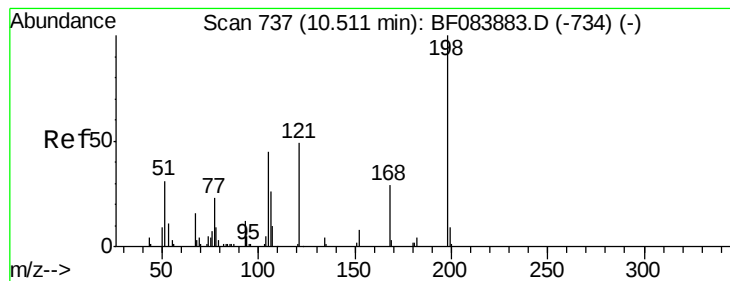
Tgt Ion:166 Resp: 243
 Ion Ratio Lower Upper
 166 100
 165 0.0 79.1 118.7#
 167 103.9 10.4 15.6#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.37 min Scan# 812
 Delta R.T. -0.02 min
 Lab File: BF083964.D
 Acq: 19 Dec 2015 19:43

Tgt Ion:188 Resp: 299729
 Ion Ratio Lower Upper
 188 100
 94 8.2 9.0 13.4#
 80 8.8 9.6 14.4#





#64

4,6-Dinitro-2-methylphenol

Concen: 4.07 ng

RT: 10.67 min Scan# 751

Delta R.T. 0.16 min

Lab File: BF083964.D

Acq: 19 Dec 2015 19:43

Instrument :

BNA_F

ClientSampleId :

LTCWC-02

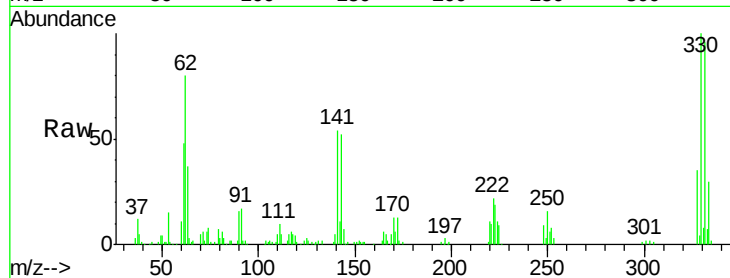
Tgt Ion:198 Resp: 291

Ion Ratio Lower Upper

198 100

51 191.8 18.9 58.9#

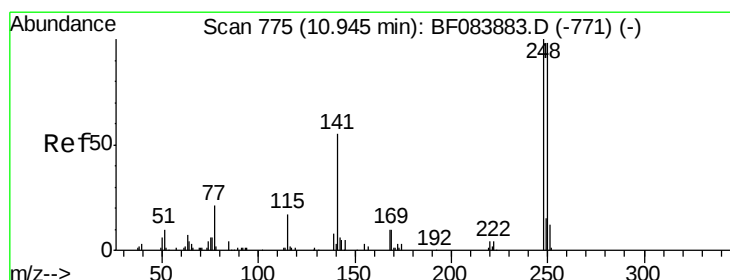
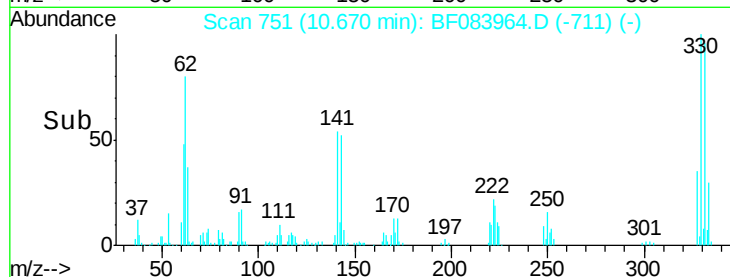
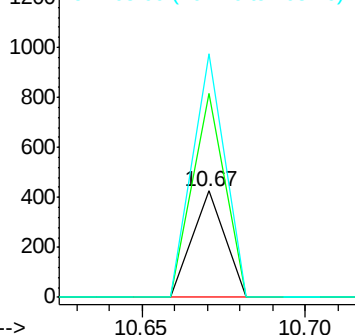
105 229.2 26.4 66.4#



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: 2.66 ng

RT: 10.67 min Scan# 751

Delta R.T. -0.27 min

Lab File: BF083964.D

Acq: 19 Dec 2015 19:43

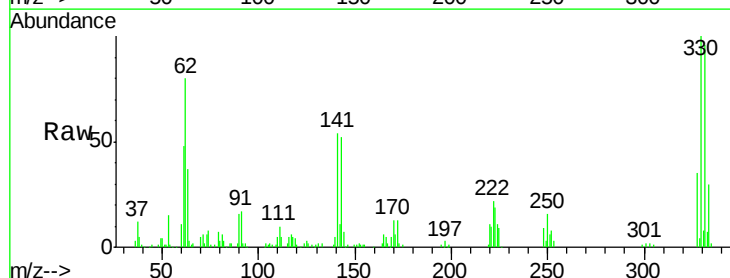
Tgt Ion:248 Resp: 9749

Ion Ratio Lower Upper

248 100

250 187.6 78.4 117.6#

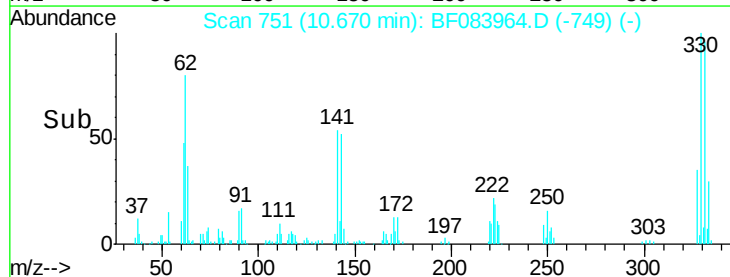
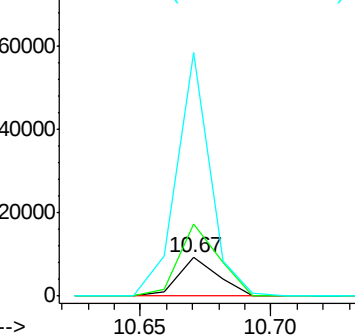
141 631.8 44.0 66.0#

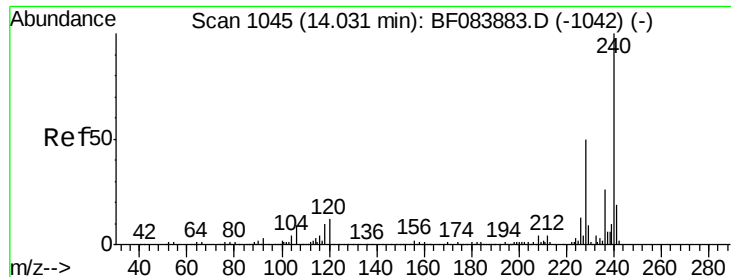


Abundance Ion 248.00 (247.70 to 248.70): E

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: BF083964.D

Acq: 19 Dec 2015 19:43

Instrument :

BNA_F

ClientSampleId :

LTCWC-02

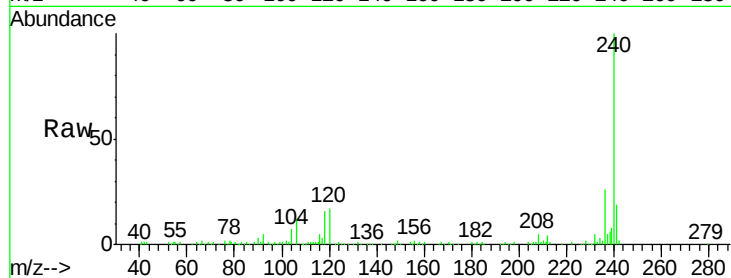
Tgt Ion:240 Resp: 220314

Ion Ratio Lower Upper

240 100

120 16.7 9.5 14.3#

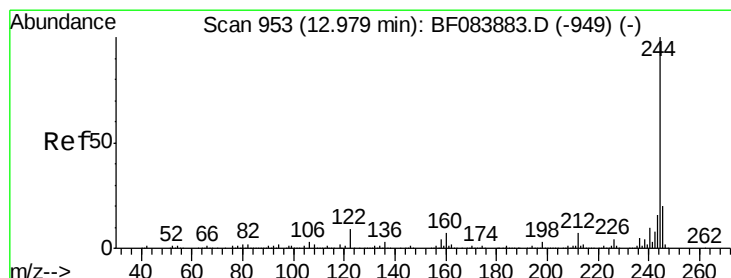
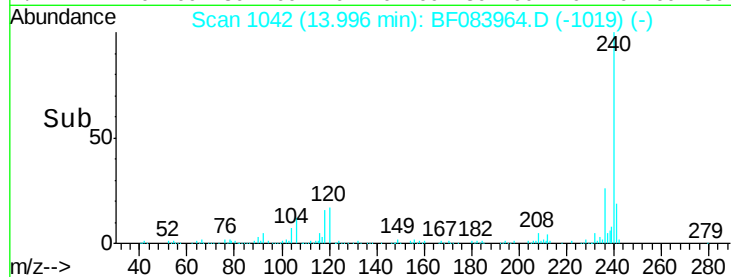
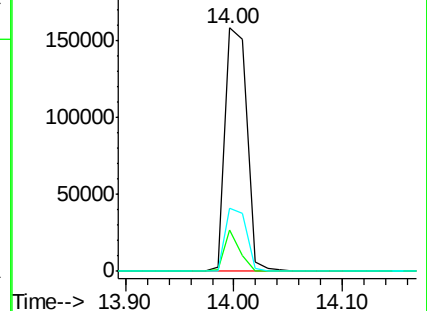
236 25.7 20.6 31.0



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: 64.75 ng

RT: 12.96 min Scan# 951

Delta R.T. -0.02 min

Lab File: BF083964.D

Acq: 19 Dec 2015 19:43

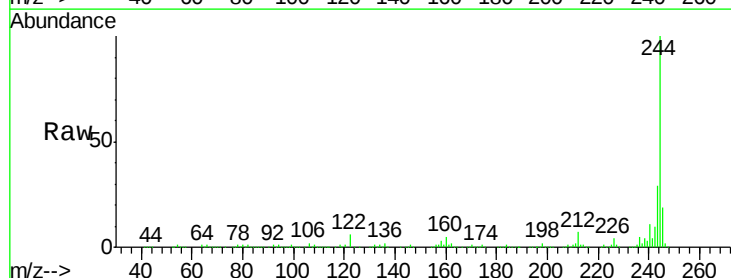
Tgt Ion:244 Resp: 624273

Ion Ratio Lower Upper

244 100

212 6.6 5.7 8.5

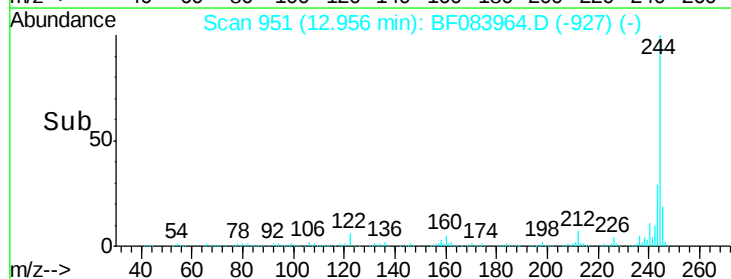
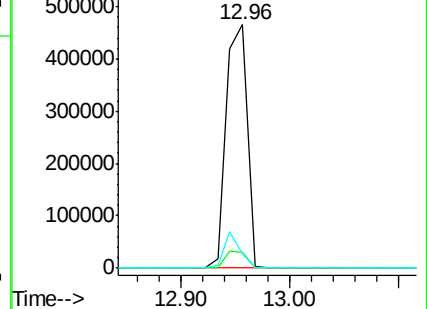
122 6.1 7.4 11.0#

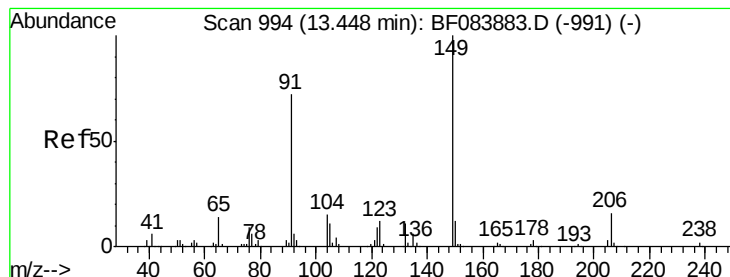


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 3.23 ng

RT: 13.42 min Scan# 992

Delta R.T. -0.02 min

Lab File: BF083964.D

Acq: 19 Dec 2015 19:43

Instrument :

BNA_F

ClientSampleId :

LTCWC-02

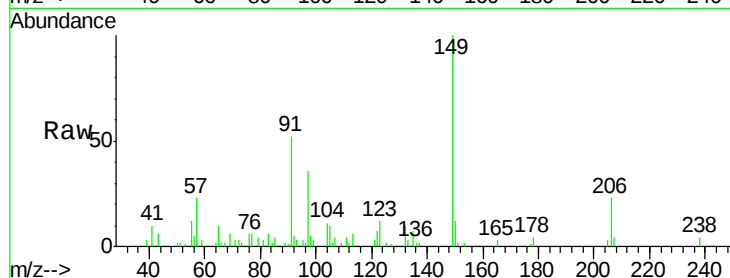
Tgt Ion:149 Resp: 23679

Ion Ratio Lower Upper

149 100

91 51.8 57.6 86.4#

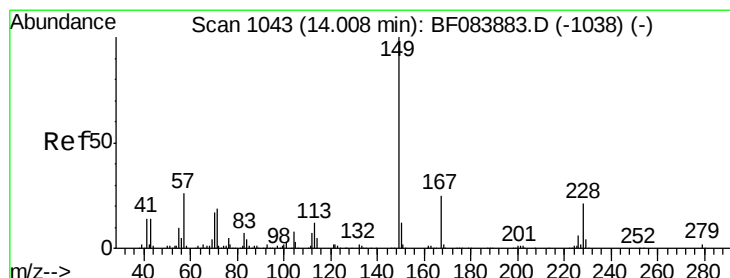
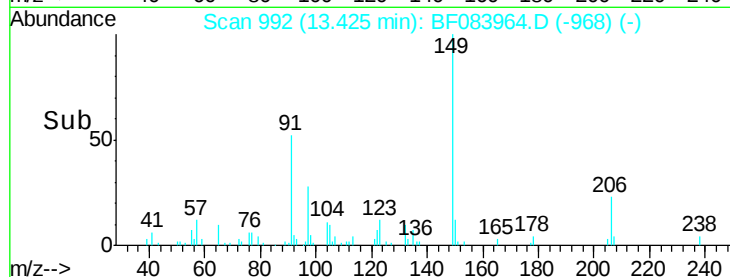
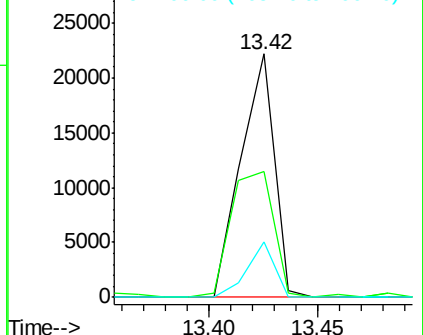
206 23.0 13.2 19.8#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 2.65 ng

RT: 13.98 min Scan# 1041

Delta R.T. -0.02 min

Lab File: BF083964.D

Acq: 19 Dec 2015 19:43

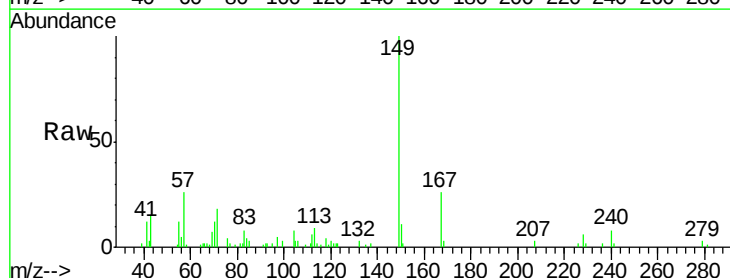
Tgt Ion:149 Resp: 25930

Ion Ratio Lower Upper

149 100

167 26.2 19.7 29.5

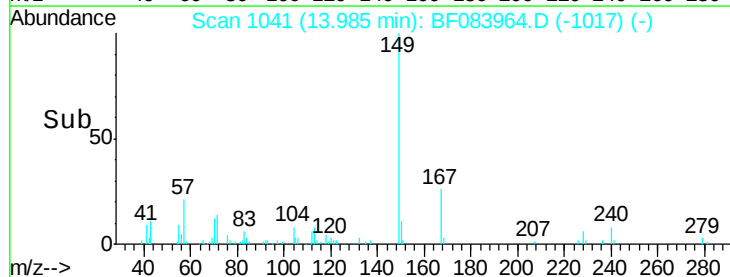
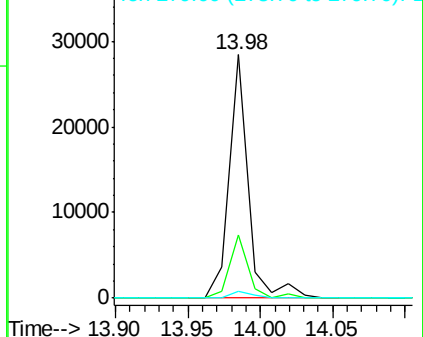
279 3.0 1.8 2.6#

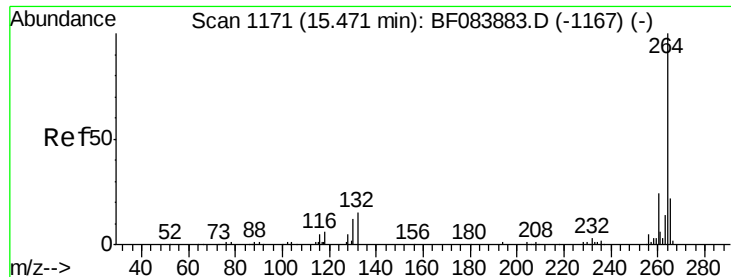


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.44 min Scan# 1168
Delta R.T. -0.03 min
Lab File: BF083964.D
Acq: 19 Dec 2015 19:43

Instrument :
BNA_F
ClientSampleId :
LTCWC-02

Tgt Ion: 264 Resp: 168751
Ion Ratio Lower Upper
264 100
260 24.0 19.4 29.2
265 21.0 17.8 26.6

