

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 16:58:38 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

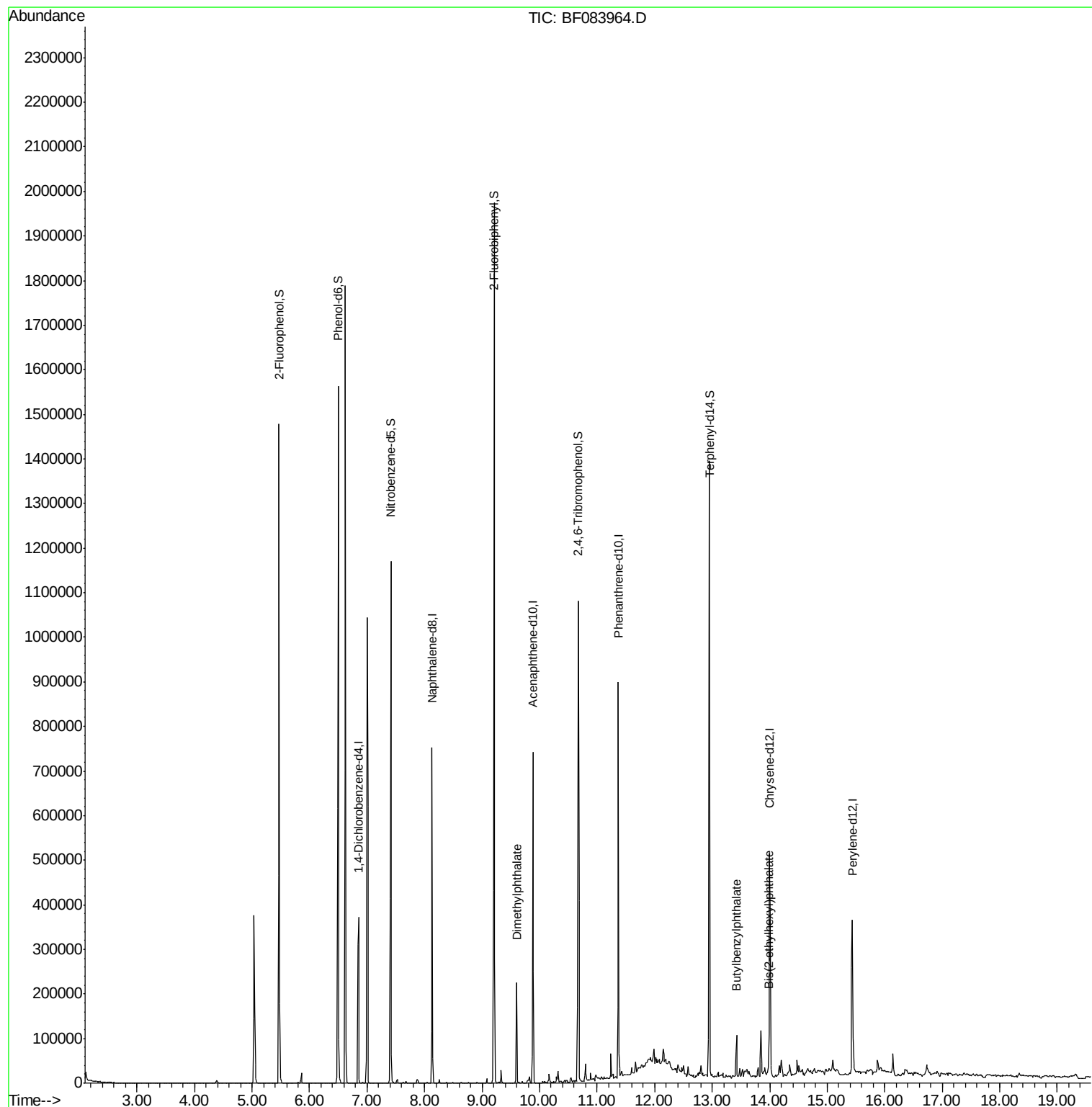
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	82864	20.00	ng	-0.02
21) Naphthalene-d8	8.13	136	323953	20.00	ng	-0.02
38) Acenaphthene-d10	9.88	164	155097	20.00	ng	-0.03
63) Phenanthrene-d10	11.37	188	299729	20.00	ng	-0.02
75) Chrysene-d12	14.00	240	220314	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						
49) Dimethylphthalate	9.61	163	149866	11.52	ng	# 91
79) Butylbenzylphthalate	13.42	149	23679	3.23	ng	# 77
83) Bis(2-ethylhexyl)phthalate	13.98	149	25930	2.65	ng	# 97

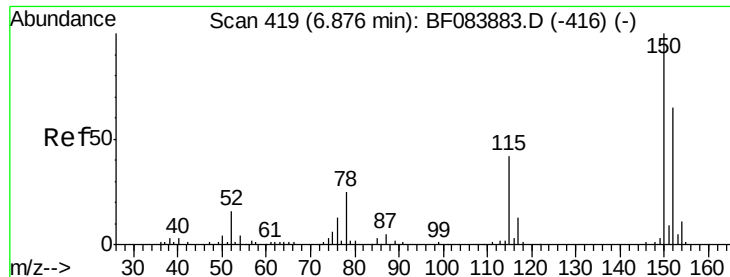
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF083964.D

Acq: 19 Dec 2015 19:43

Instrument :

BNA_F

ClientSampleId :

LTCWC-02

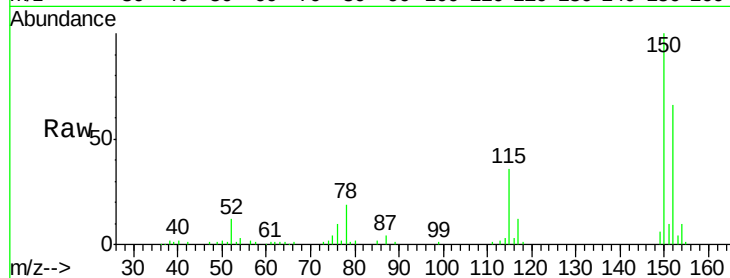
Tot Ion:152 Resp: 82864

Ion Ratio Lower Upper

152 100

150 151.2 123.0 184.4

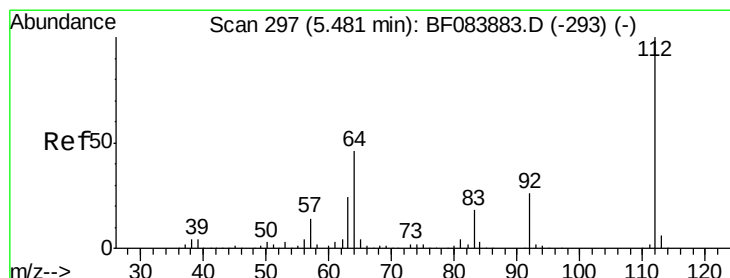
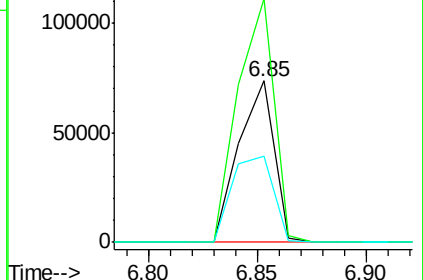
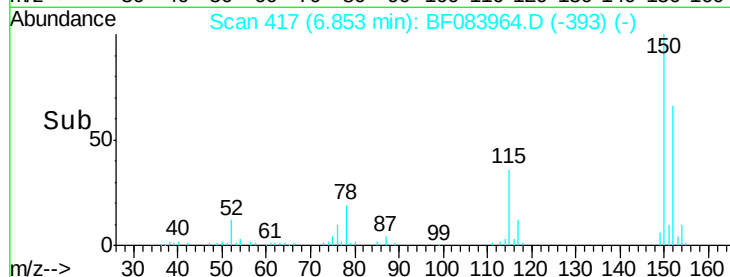
115 53.8 51.4 77.2



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

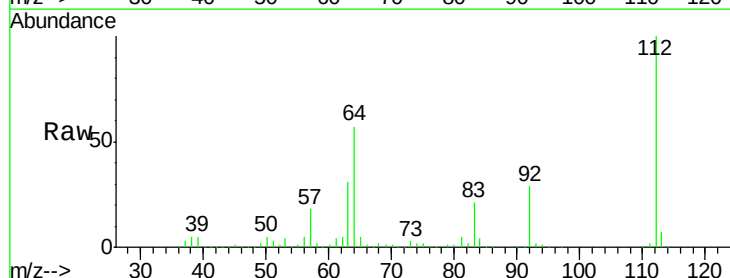
Tgt Ion:112 Resp: 424418

Ion Ratio Lower Upper

112 100

64 56.8 36.6 55.0#

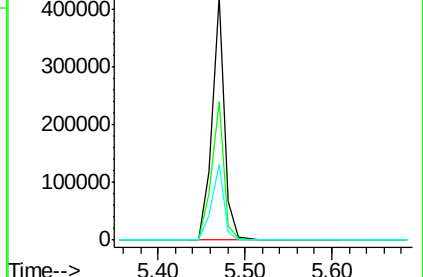
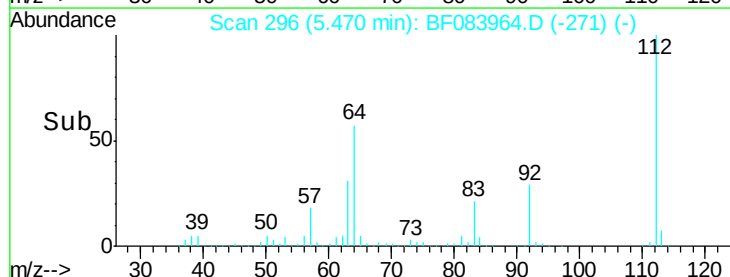
63 31.0 19.4 29.0#

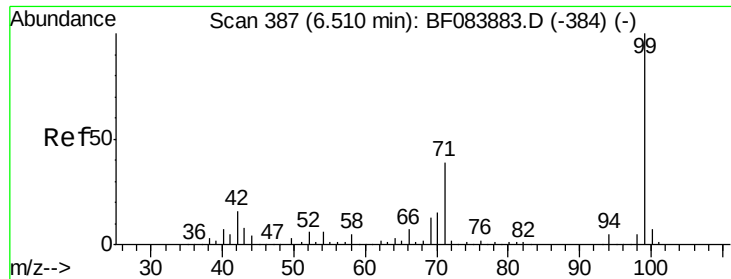


Abundance Ion 112.00 (111.70 to 112.70): E

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

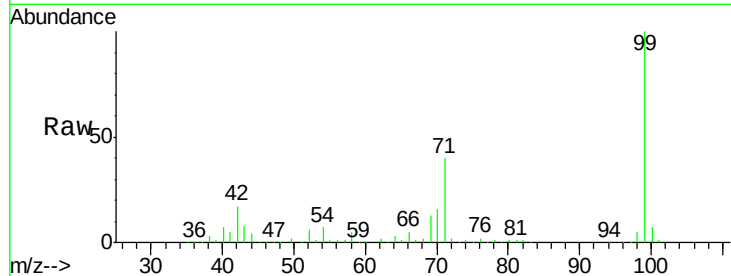
Tot Ion: 99 Resp: 570399

Ion Ratio Lower Upper

99 100

42 16.9 12.8 19.2

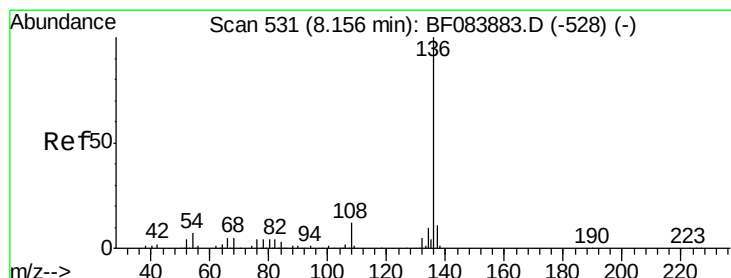
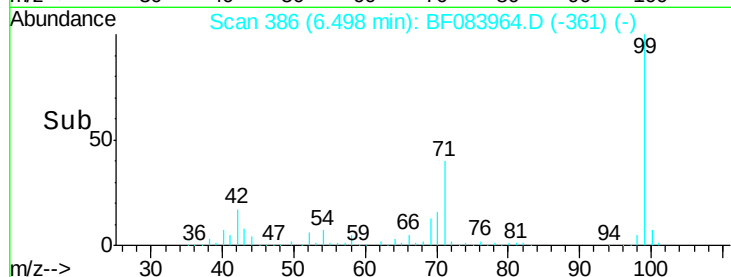
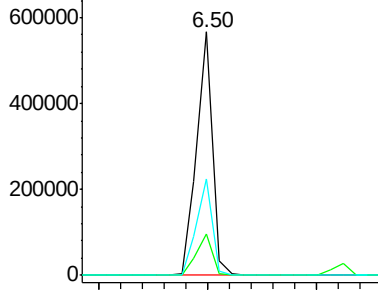
71 39.7 30.9 46.3



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



#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

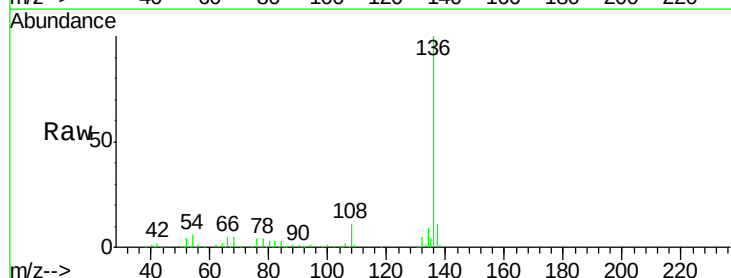
Ion Ratio Lower Upper

136 100

137 10.9 8.7 13.1

54 6.1 5.8 8.8

68 4.8 4.2 6.2

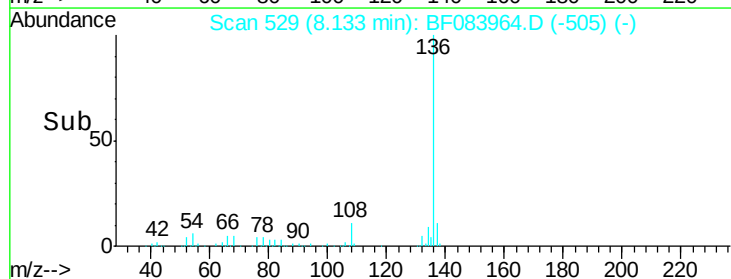
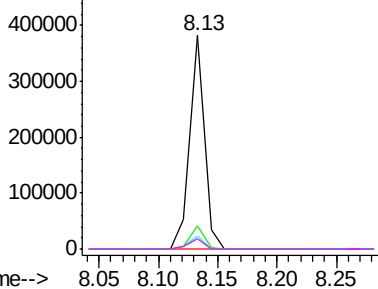


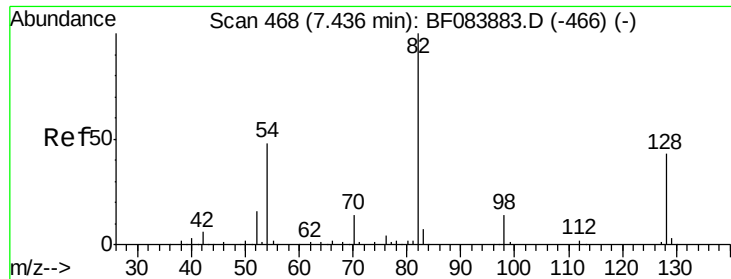
Abundance Ion 136.00 (135.70 to 136.70): E

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

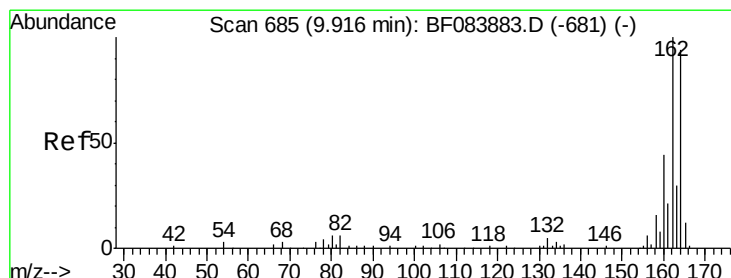
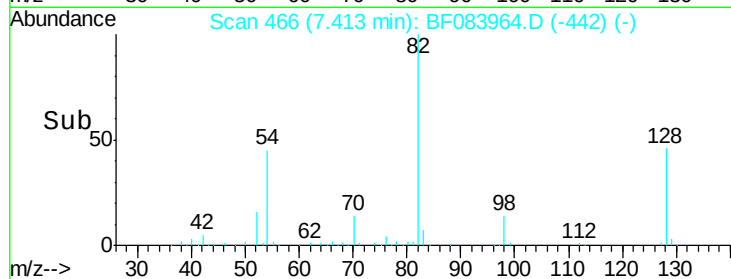
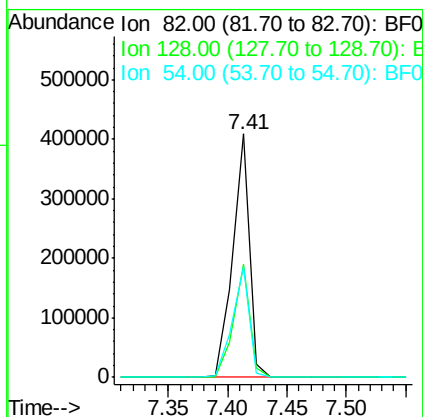
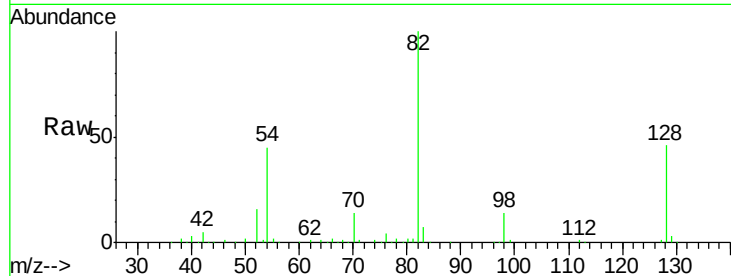




#23
 Nitrobenzene-d5
 Concen: 70.56 ng
 RT: 7.41 min Scan# 466
 Delta R.T. -0.02 min
 Lab File: BF083964.D
 Acq: 19 Dec 2015 19:43

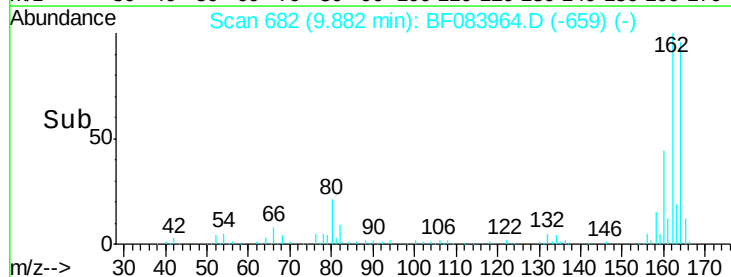
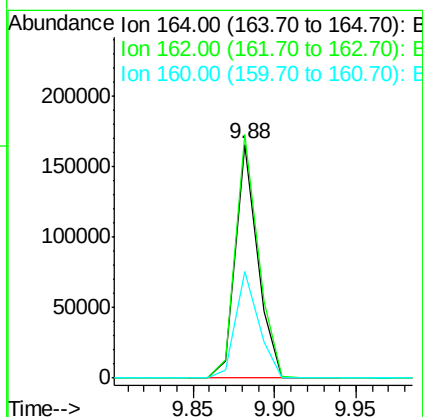
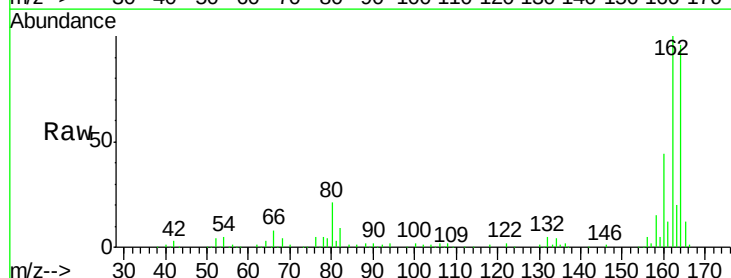
Instrument :
 BNA_F
 ClientSampled :
 LTCWC-02

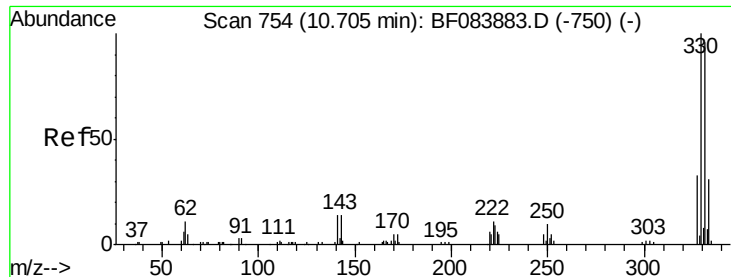
Tot Ion: 82 Resp: 400516
 Ion Ratio Lower Upper
 82 100
 128 46.4 34.6 51.8
 54 45.4 38.4 57.6



#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

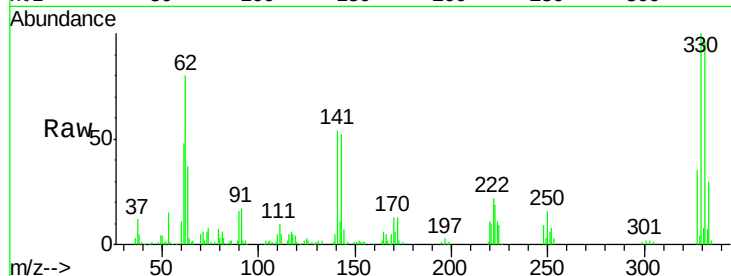




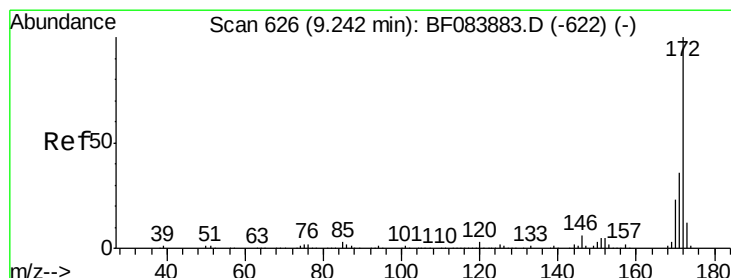
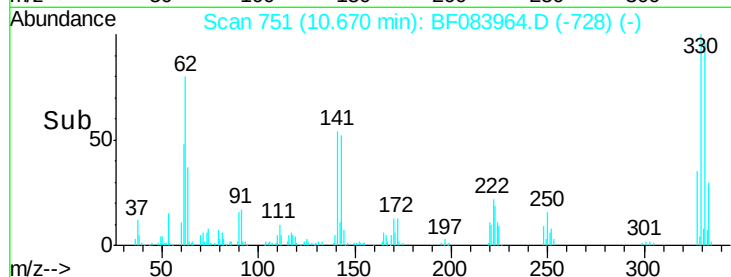
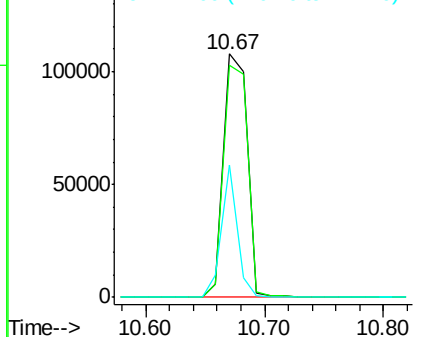
#41
 2,4,6-Tribromophenol
 Concen: 87.71 ng
 RT: 10.67 min Scan# 751
 Delta R.T. -0.03 min
 Lab File: BF083964.D
 Acq: 19 Dec 2015 19:43

Instrument :
 BNA_F
 ClientSampleId :
 LTCWC-02

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

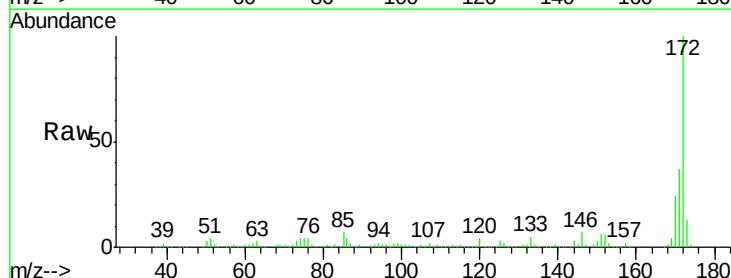


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

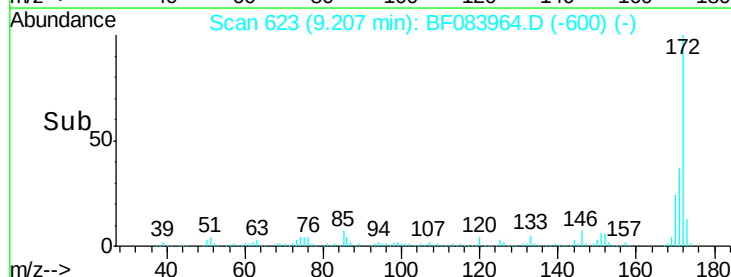
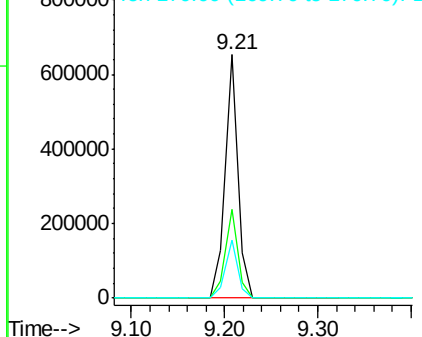


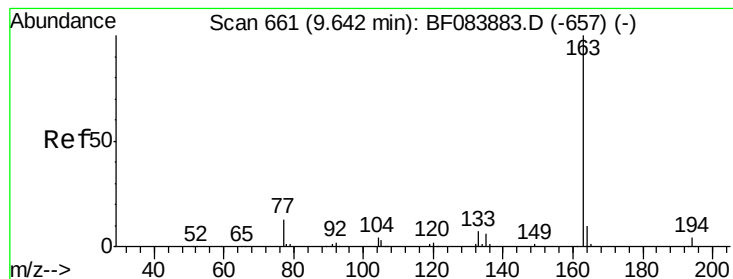
#44
 2-Fluorobiphenyl
 Concen: 53.41 ng
 RT: 9.21 min Scan# 623
 Delta R.T. -0.03 min
 Lab File: BF083964.D
 Acq: 19 Dec 2015 19:43

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

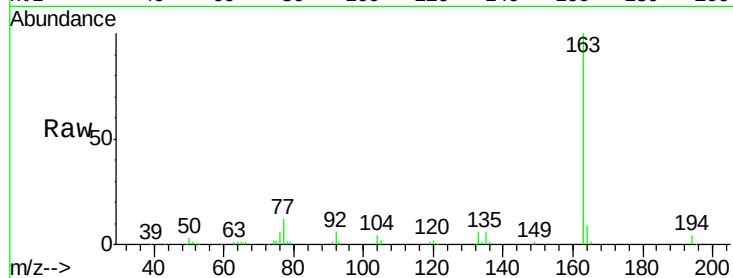
Tot Ion:163 Resp: 149866

Ion Ratio Lower Upper

163 100

194 3.6 8.0 12.0#

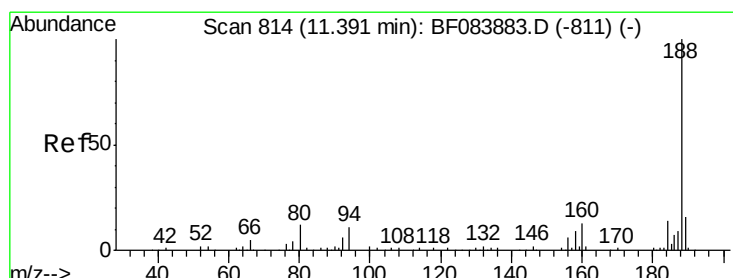
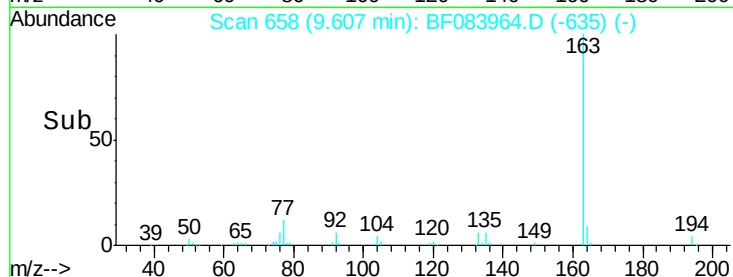
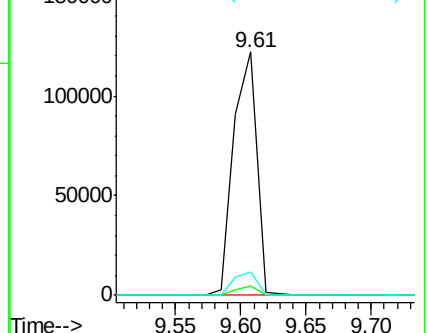
164 9.4 8.0 12.0



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: 11.37 min Scan# 812

Delta R.T. -0.02 min

Lab File: BF083964.D

Acq: 19 Dec 2015 19:43

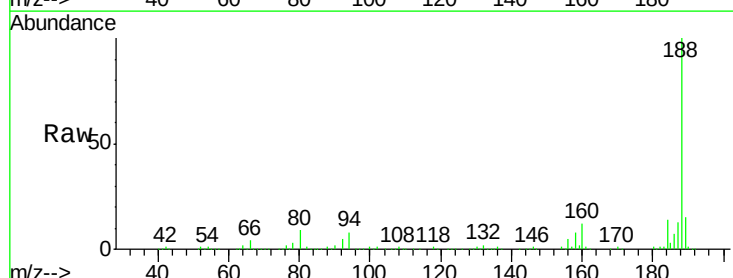
Tgt Ion:188 Resp: 299729

Ion Ratio Lower Upper

188 100

94 8.2 9.0 13.4#

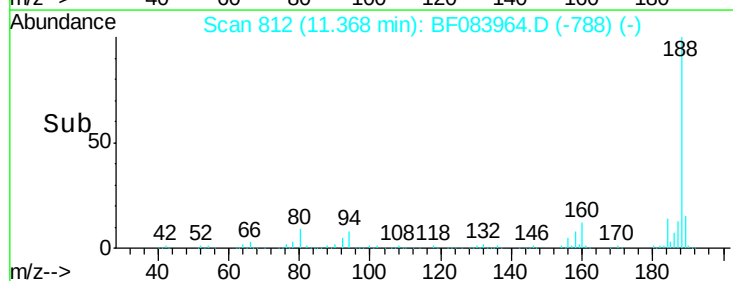
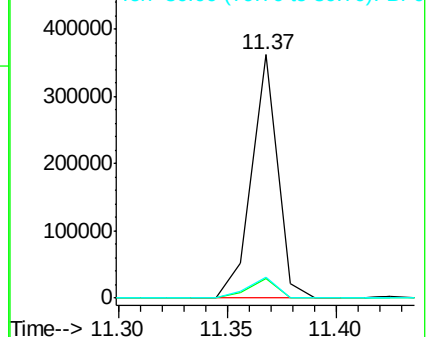
80 8.8 9.6 14.4#

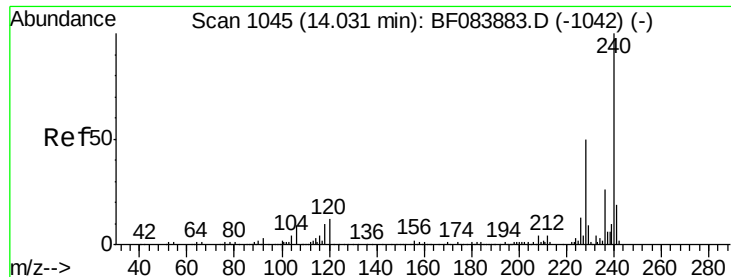


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#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

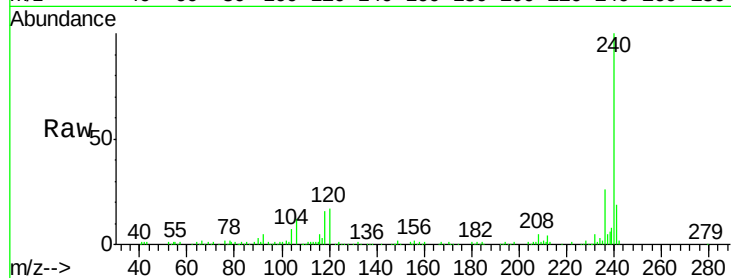
Tot Ion:240 Resp: 220314

Ion Ratio Lower Upper

240 100

120 16.7 9.5 14.3#

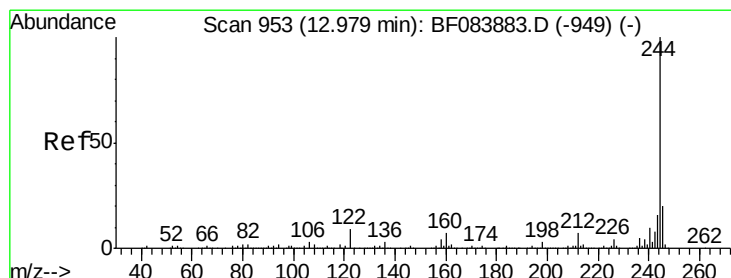
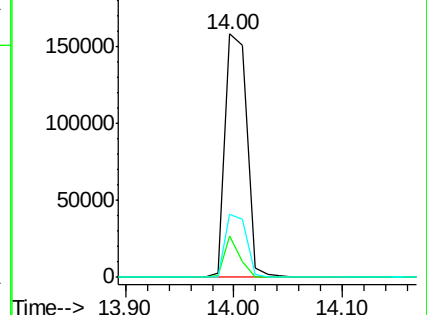
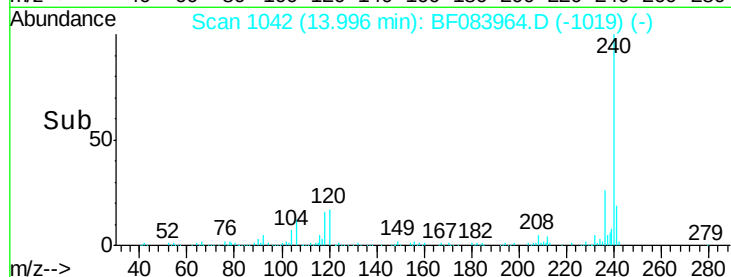
236 25.7 20.6 31.0



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

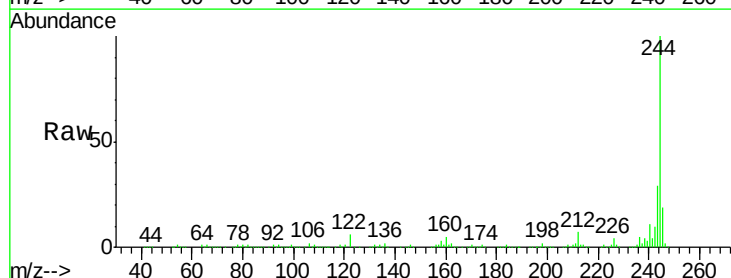
Tgt Ion:244 Resp: 624273

Ion Ratio Lower Upper

244 100

212 6.6 5.7 8.5

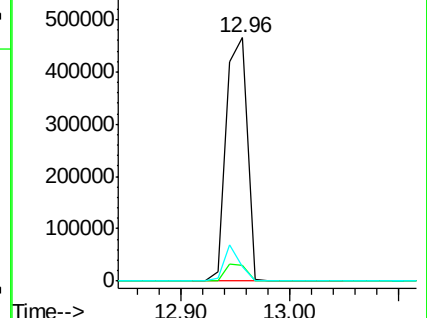
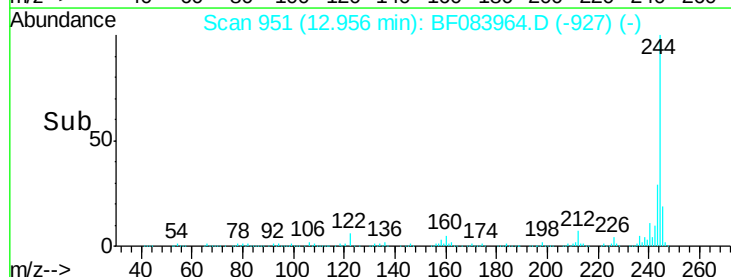
122 6.1 7.4 11.0#

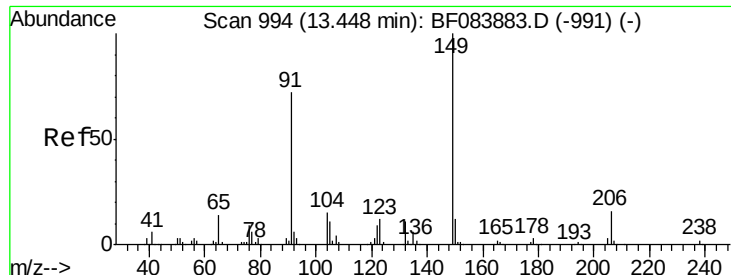


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

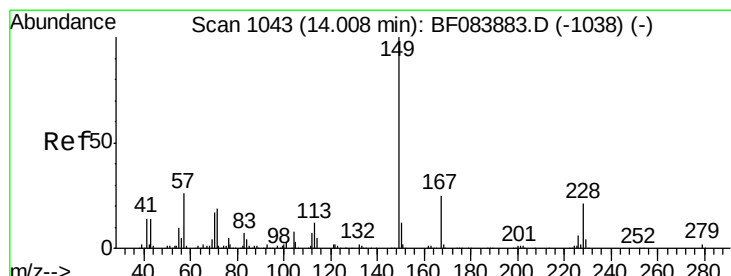
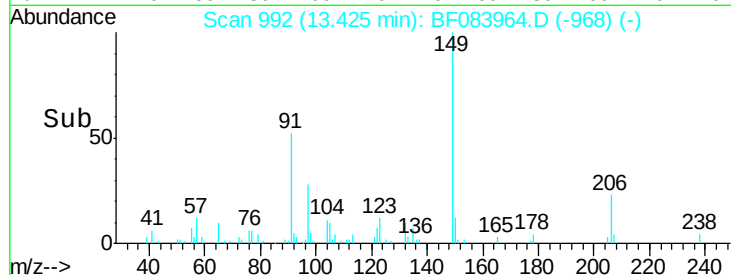
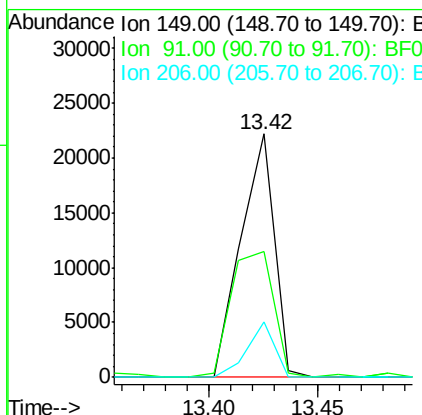
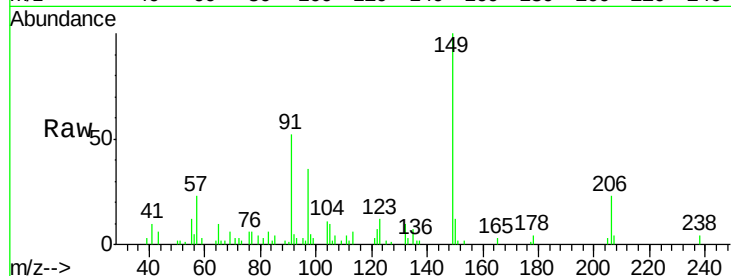




#79
 Butylbenzylphthalate
 Concen: 3.23 ng
 RT: 13.42 min Scan# 992
 Delta R.T. -0.02 min
 Lab File: BF083964.D
 Acq: 19 Dec 2015 19:43

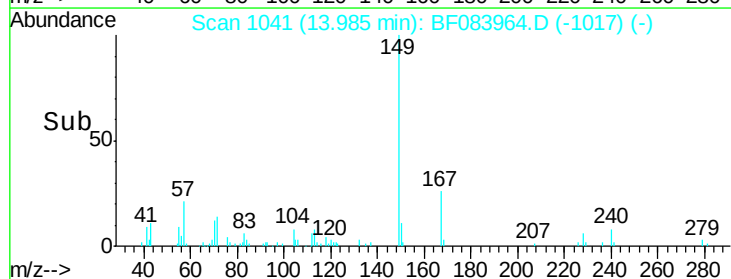
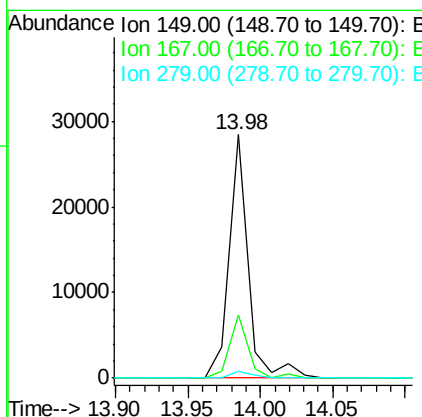
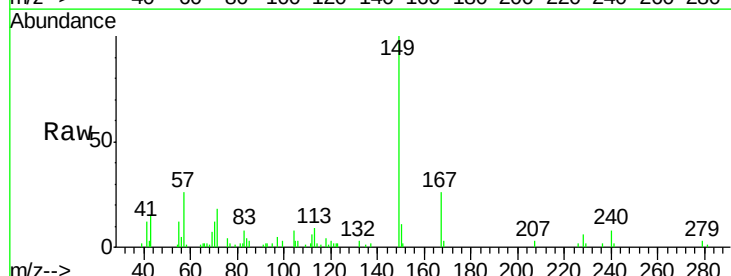
Instrument :
 BNA_F
 ClientSampleId :
 LTCWC-02

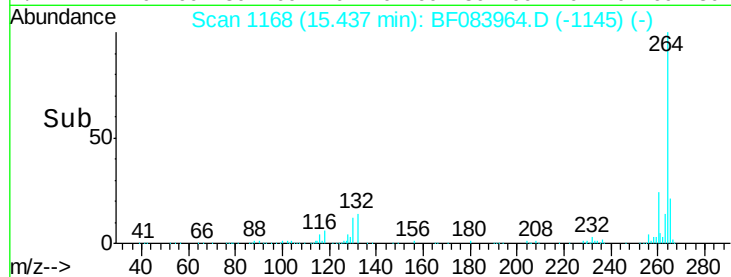
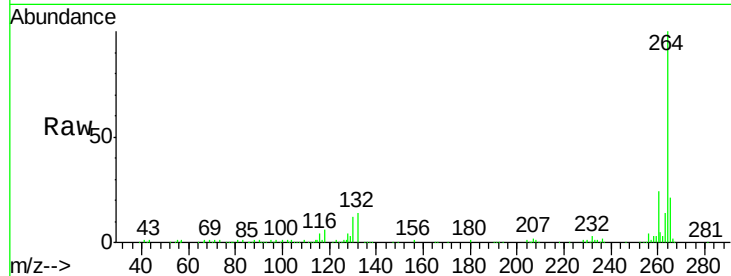
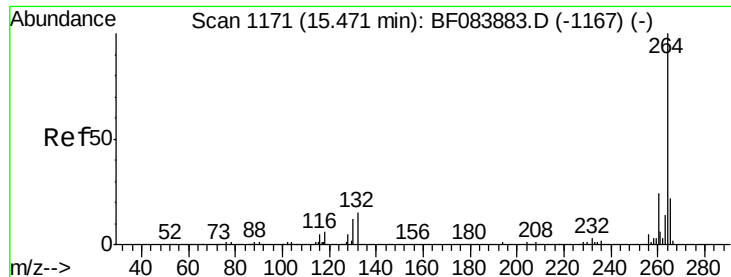
Tot Ion	Ratio	Lower	Upper
149	100		
91	51.8	57.6	86.4#
206	23.0	13.2	19.8#



#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	Ratio	Lower	Upper
149	100		
167	26.2	19.7	29.5
279	3.0	1.8	2.6#





#86
 Pervlene-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

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

