

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 03:51:59 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

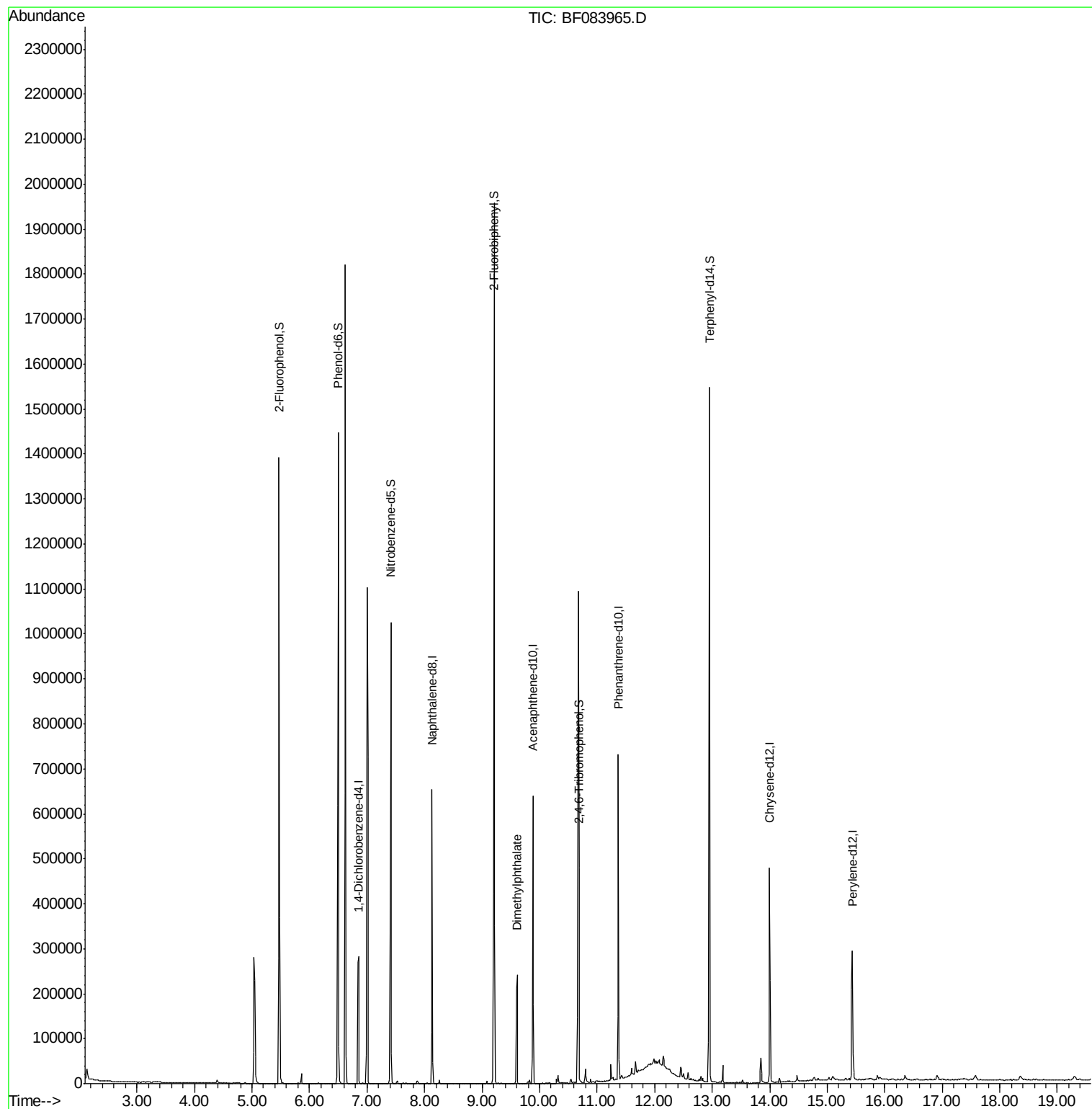
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	66116	20.00	ng	-0.02
21) Naphthalene-d8	8.13	136	288026	20.00	ng	-0.02
38) Acenaphthene-d10	9.88	164	129745	20.00	ng	-0.03
63) Phenanthrene-d10	11.37	188	249698	20.00	ng	-0.02
75) Chrysene-d12	14.00	240	184572	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						Qvalue
49) Dimethylphthalate	9.61	163	153484	14.10	ng	# 91

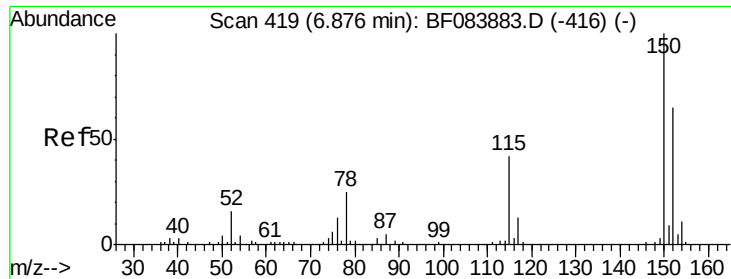
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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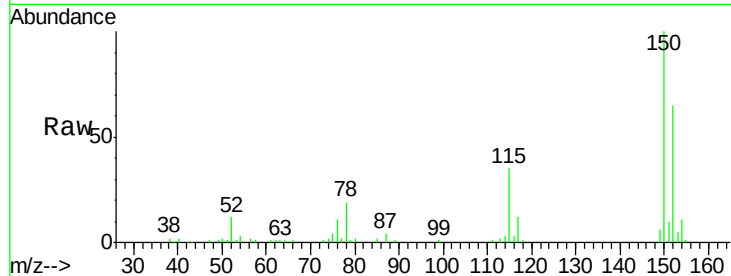


#1

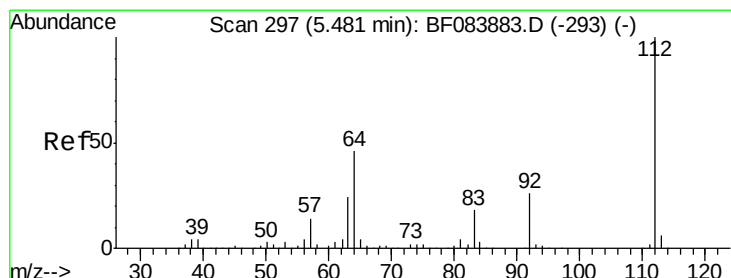
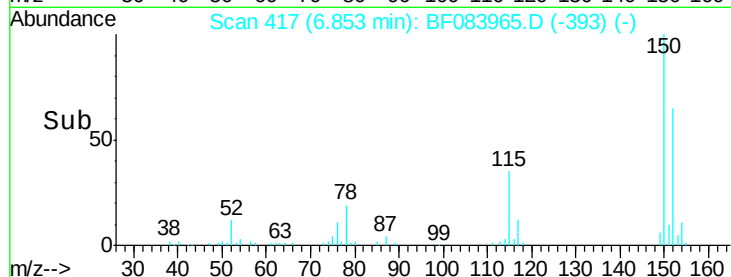
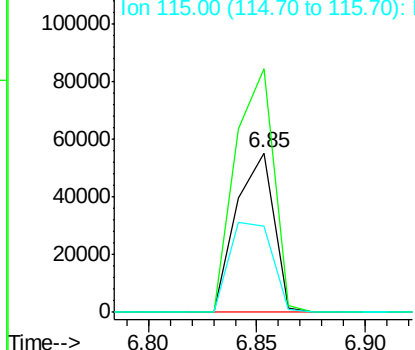
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 417
Delta R.T. -0.02 min
Lab File: BF083965.D
Acq: 19 Dec 2015 20:11

Instrument :
BNA_F
ClientSampleId :
LTCWC-03

Tot Ion:152 Resp: 66116
Ion Ratio Lower Upper
152 100
150 152.8 123.0 184.4
115 53.8 51.4 77.2



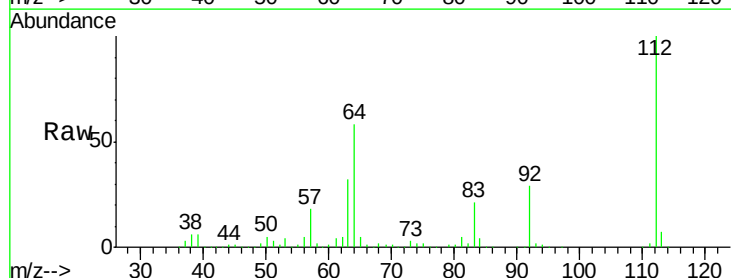
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



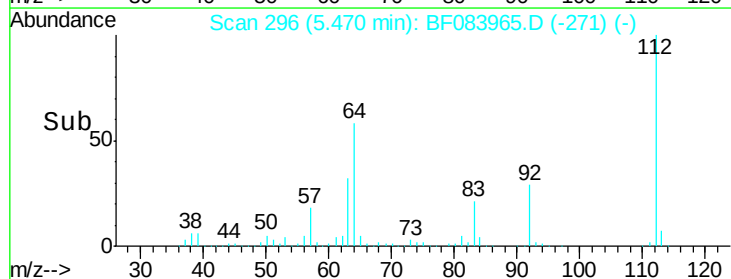
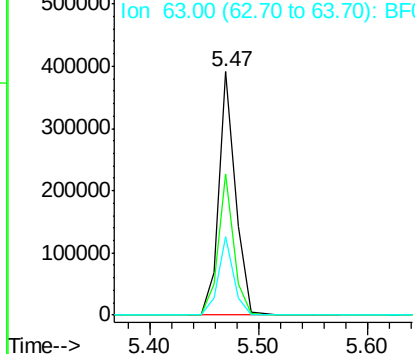
#5

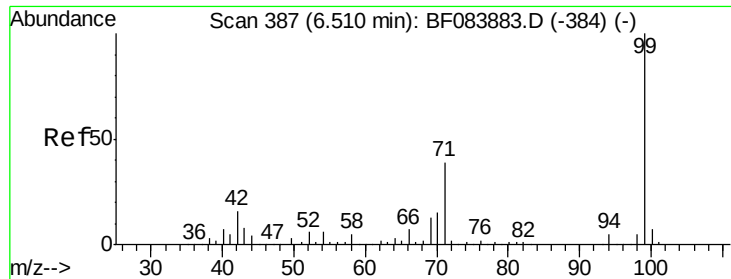
2-Fluorophenol
Concen: 99.32 ng
RT: 5.47 min Scan# 296
Delta R.T. -0.01 min
Lab File: BF083965.D
Acq: 19 Dec 2015 20:11

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

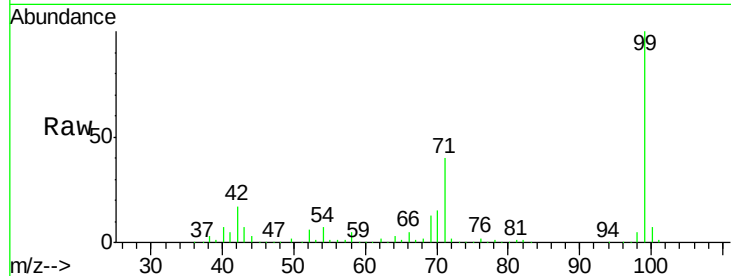
Tot Ion: 99 Resp: 539538

Ion Ratio Lower Upper

99 100

42 16.8 12.8 19.2

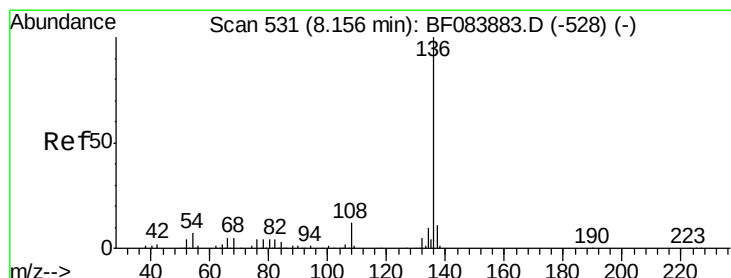
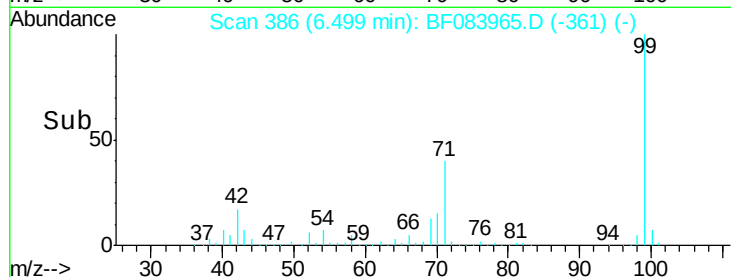
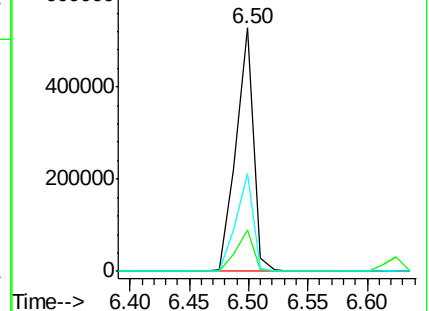
71 39.9 30.9 46.3



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



#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

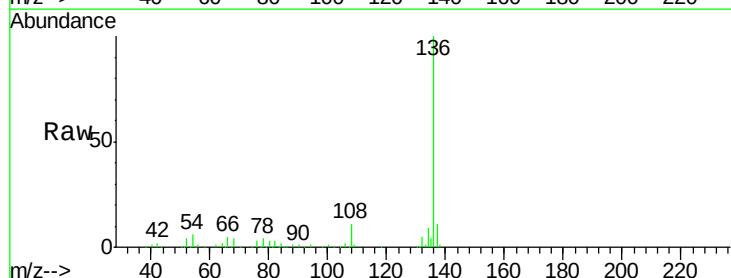
Ion Ratio Lower Upper

136 100

137 10.5 8.7 13.1

54 5.7 5.8 8.8#

68 4.3 4.2 6.2

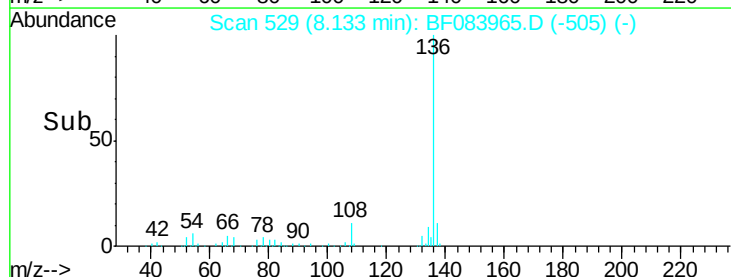
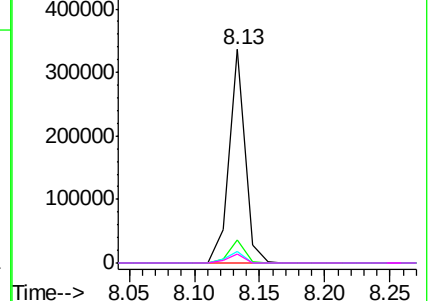


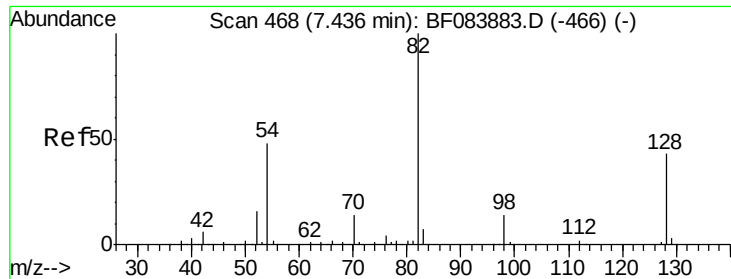
Abundance Ion 136.00 (135.70 to 136.70): E

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

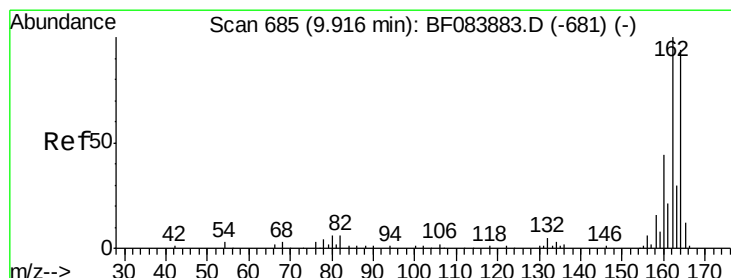
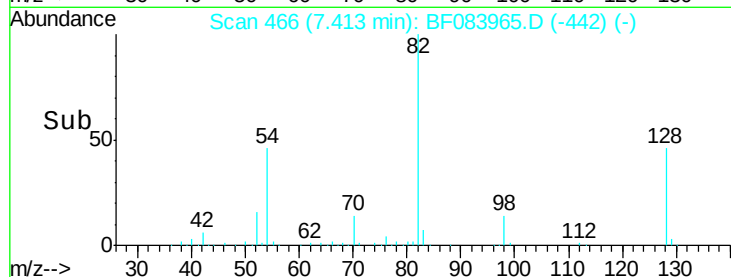
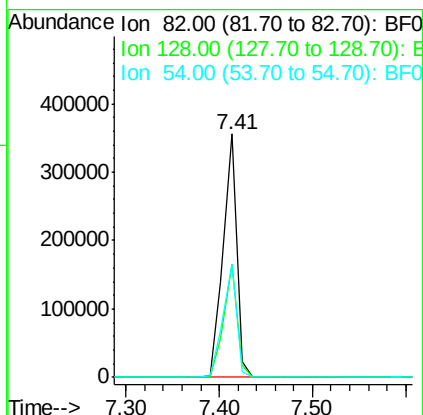
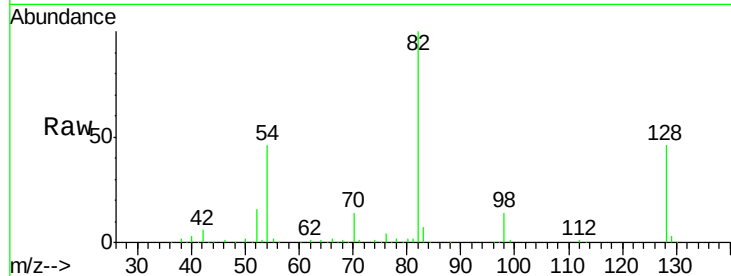




#23
 Nitrobenzene-d5
 Concen: 71.23 ng
 RT: 7.41 min Scan# 466
 Delta R.T. -0.02 min
 Lab File: BF083965.D
 Acq: 19 Dec 2015 20:11

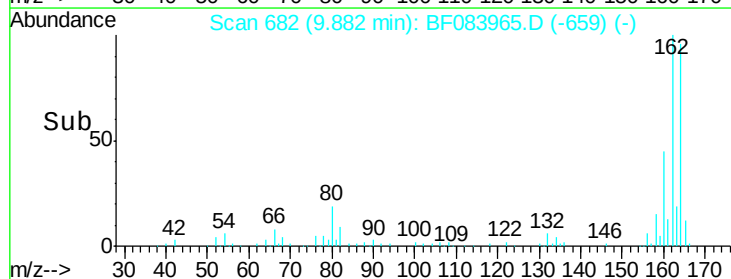
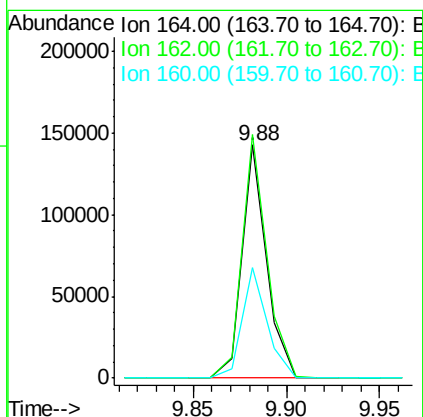
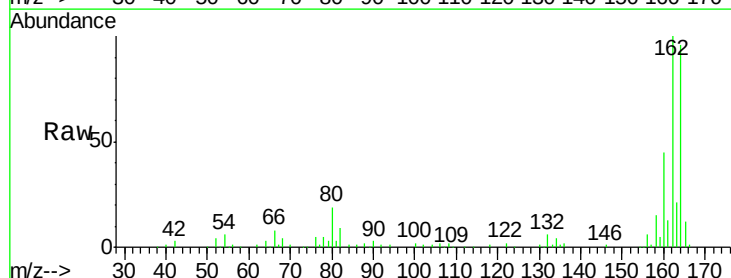
Instrument :
 BNA_F
 ClientSampleId :
 LTCWC-03

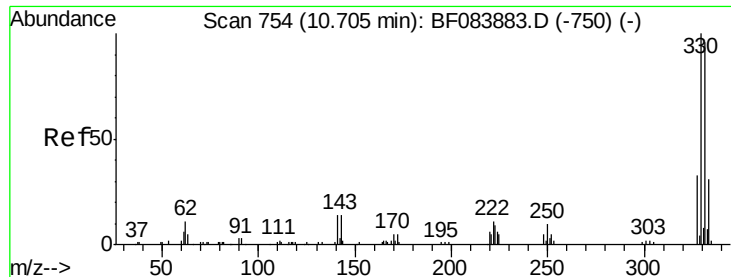
Tot Ion: 82 Resp: 359466
 Ion Ratio Lower Upper
 82 100
 128 46.4 34.6 51.8
 54 46.5 38.4 57.6



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.88 min Scan# 682
 Delta R.T. -0.03 min
 Lab File: 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

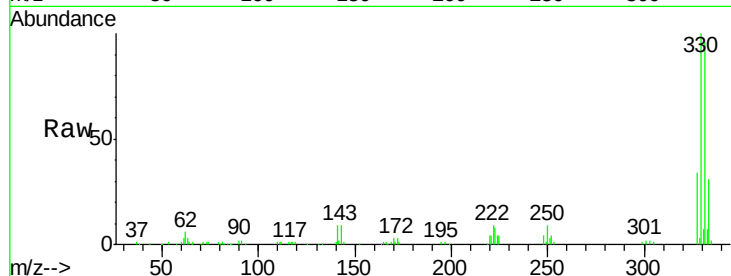




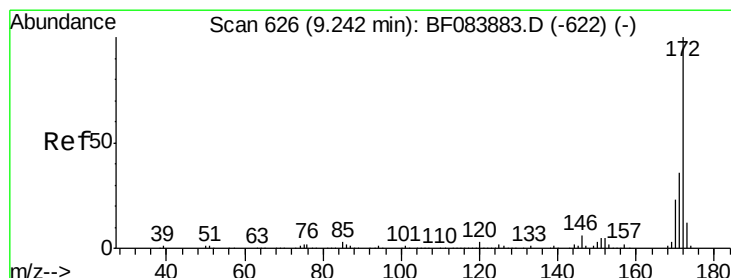
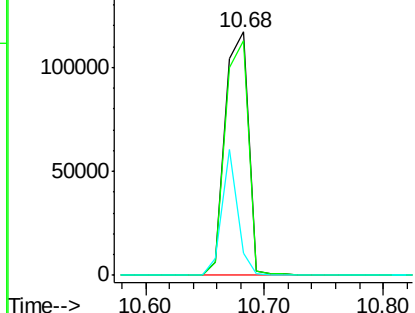
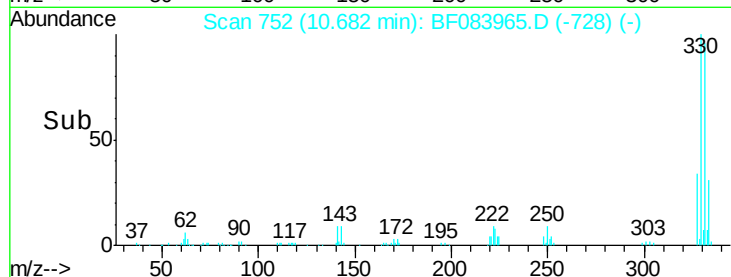
#41
 2,4,6-Tribromophenol
 Concen: 111.36 ng
 RT: 10.68 min Scan# 752
 Delta R.T. -0.02 min
 Lab File: BF083965.D
 Acq: 19 Dec 2015 20:11

Instrument :
 BNA_F
 ClientSampleId :
 LTCWC-03

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	76.6	114.8
141	34.8	27.8	41.6

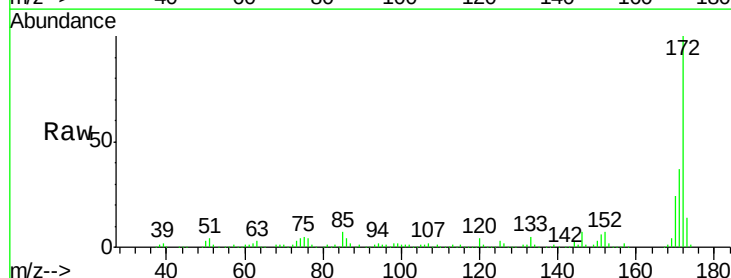


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

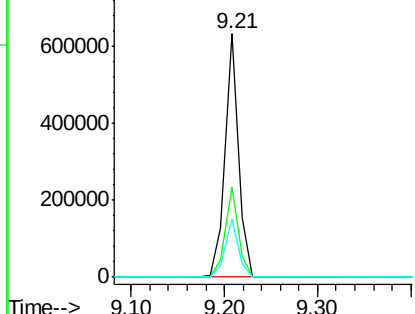
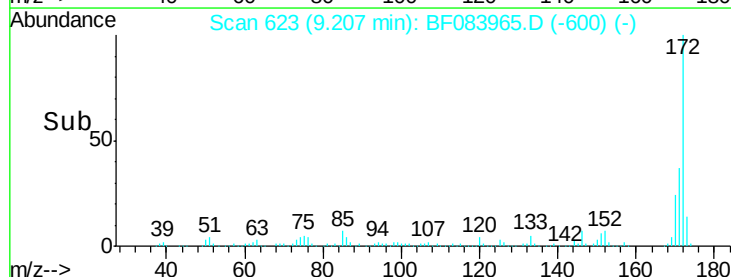


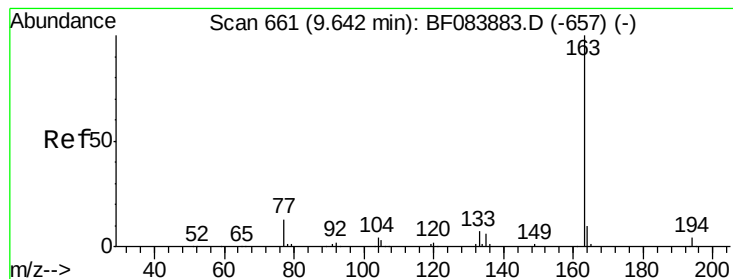
#44
 2-Fluorobiphenyl
 Concen: 66.41 ng
 RT: 9.21 min Scan# 623
 Delta R.T. -0.03 min
 Lab File: BF083965.D
 Acq: 19 Dec 2015 20:11

Tgt Ion	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

Instrument :

BNA_F

ClientSampleID :

LTCWC-03

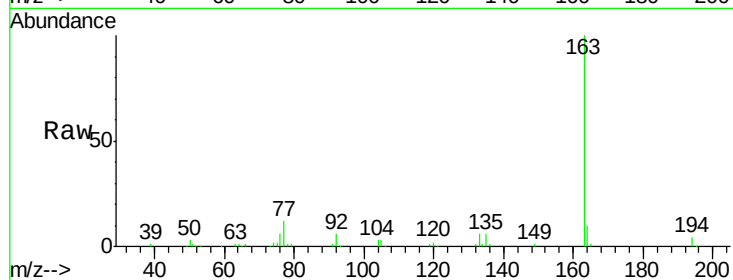
Tot Ion:163 Resp: 153484

Ion Ratio Lower Upper

163 100

194 3.6 8.0 12.0#

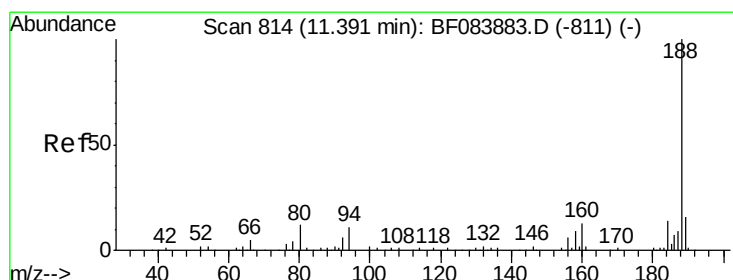
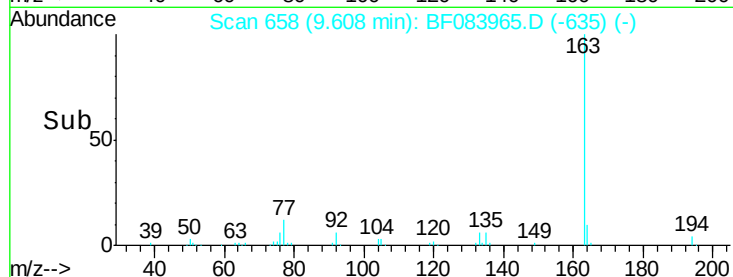
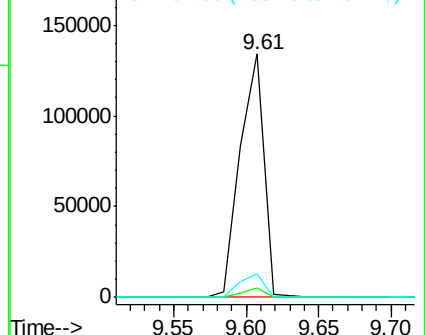
164 9.7 8.0 12.0



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: BF083965.D

Acq: 19 Dec 2015 20:11

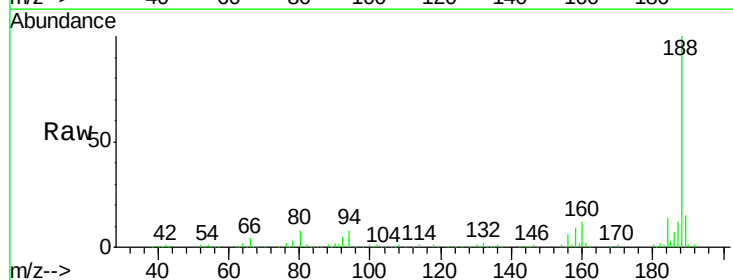
Tgt Ion:188 Resp: 249698

Ion Ratio Lower Upper

188 100

94 8.2 9.0 13.4#

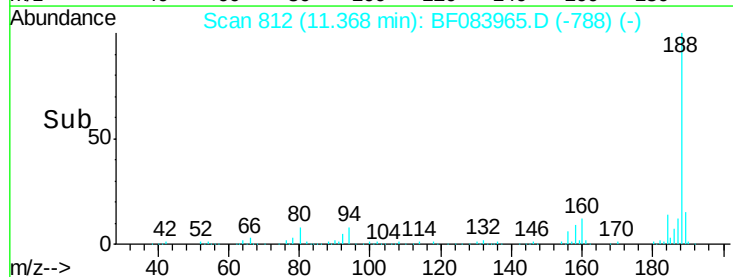
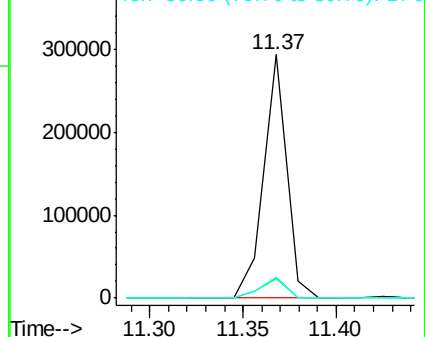
80 8.5 9.6 14.4#

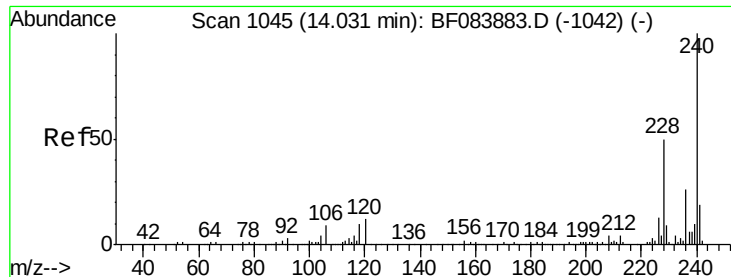


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

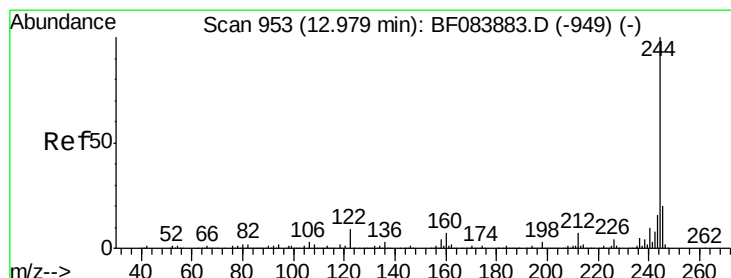
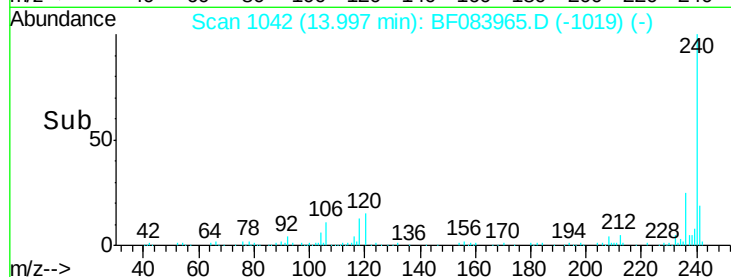
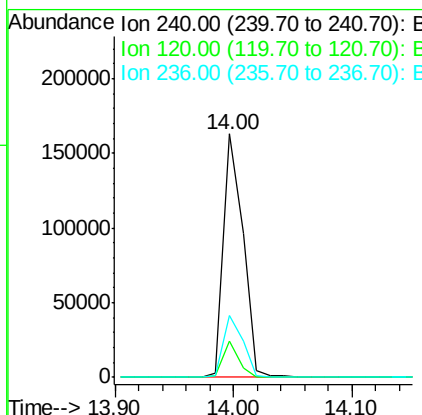
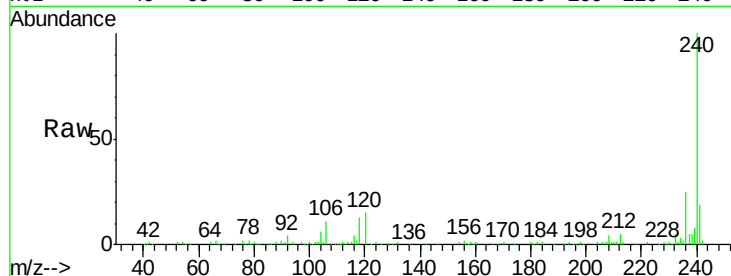




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.00 min Scan# 1042
 Delta R.T. -0.03 min
 Lab File: BF083965.D
 Acq: 19 Dec 2015 20:11

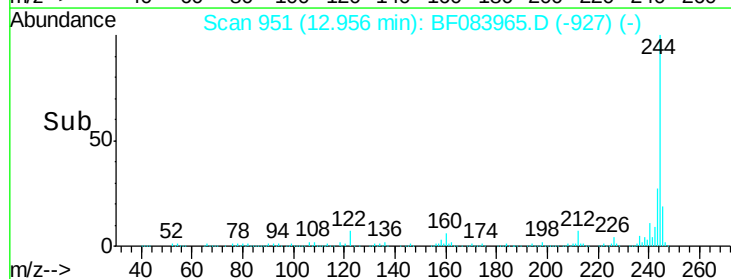
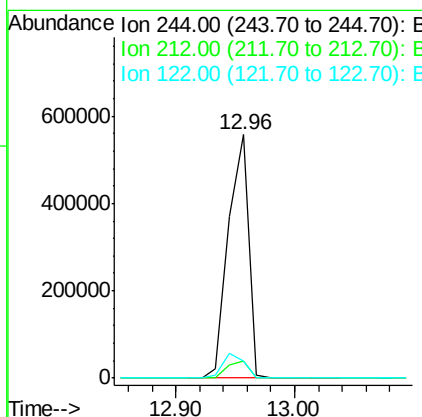
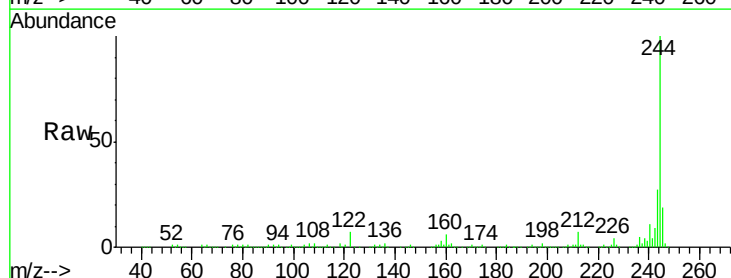
Instrument :
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 LTCWC-03

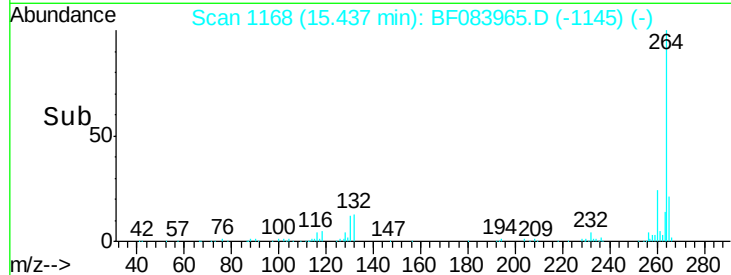
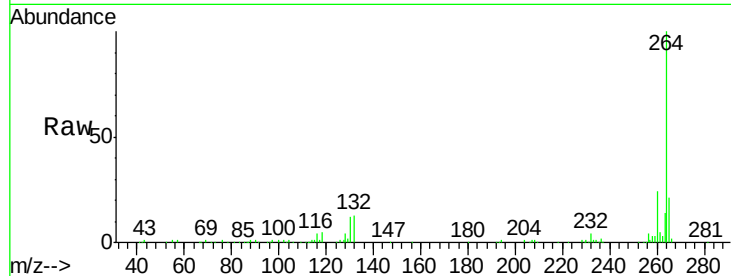
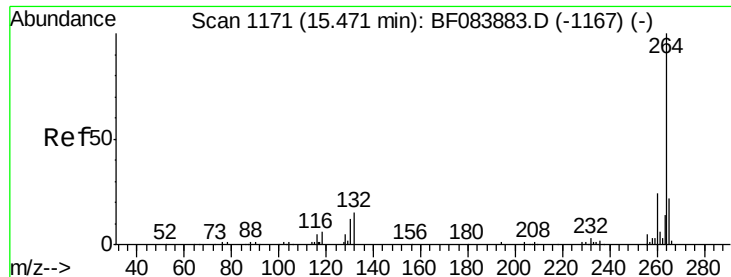
Tot Ion:240 Resp: 184572
 Ion Ratio Lower Upper
 240 100
 120 14.7 9.5 14.3#
 236 25.2 20.6 31.0



#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

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
Pervlene-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

Instrument :
BNA_F
ClientSampleId :
LTCWC-03

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

