

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122015\
 Data File : BF083963.D
 Acq On : 19 Dec 2015 19:15
 Operator : UM/SJ
 Sample : G4869-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LTCWC-01

Quant Time: Dec 21 03:44:25 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

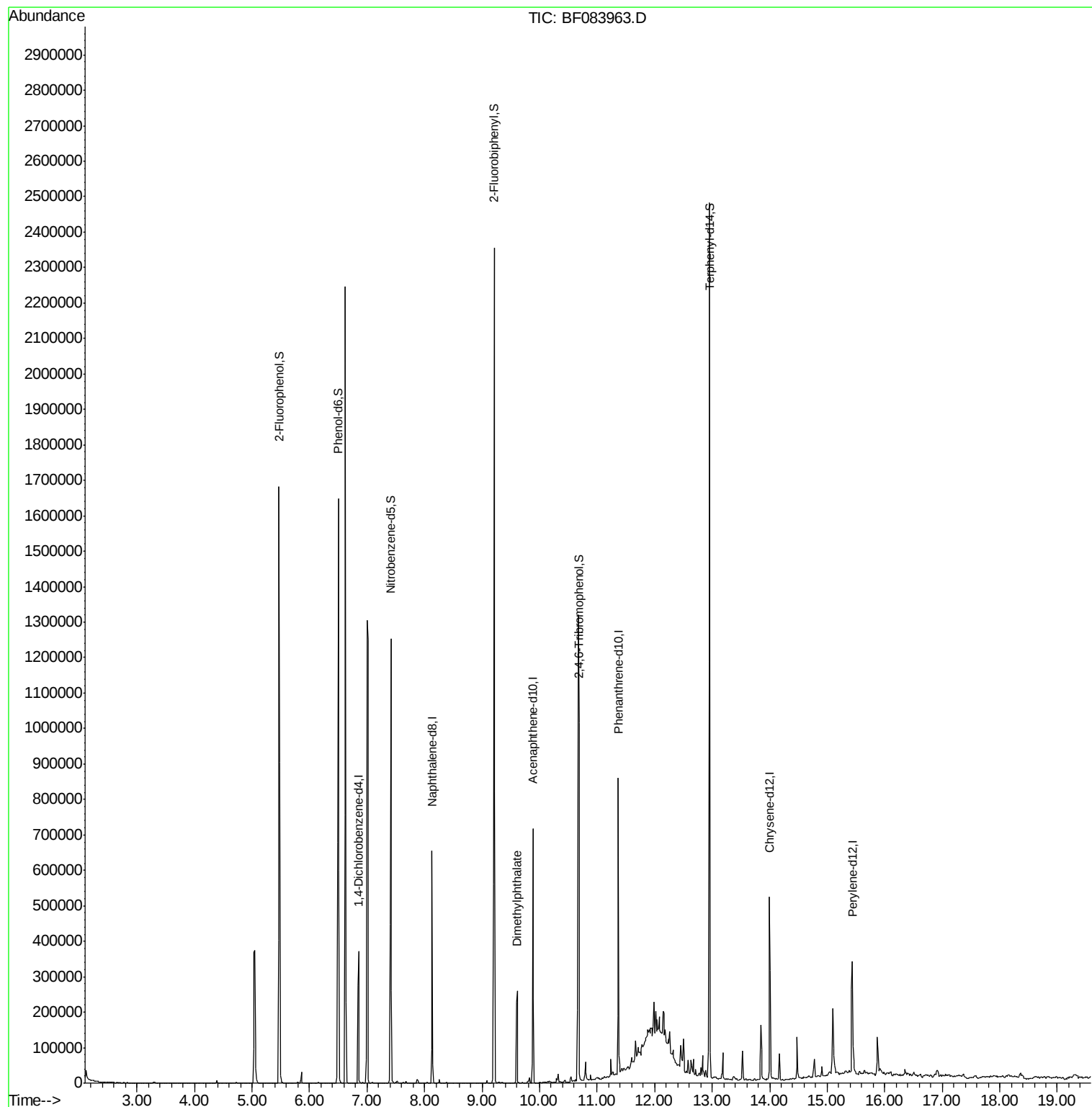
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	75997	20.00	ng	-0.02
21) Naphthalene-d8	8.13	136	280963	20.00	ng	-0.02
38) Acenaphthene-d10	9.88	164	149757	20.00	ng	-0.03
63) Phenanthrene-d10	11.37	188	286864	20.00	ng	-0.02
75) Chrysene-d12	14.00	240	205747	20.00	ng	-0.03
86) Perylene-d12	15.44	264	163147	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	635181	130.80	ng	-0.01
7) Phenol-d6	6.50	99	766079	128.88	ng	-0.01
23) Nitrobenzene-d5	7.41	82	468994	95.27	ng	-0.02
41) 2,4,6-Tribromophenol	10.68	330	253205	153.48	ng	-0.02
44) 2-Fluorobiphenyl	9.21	172	886178	82.74	ng	-0.03
78) Terphenyl-d14	12.96	244	839057	96.17	ng	-0.02
Target Compounds						
49) Dimethylphthalate	9.61	163	164412	13.08	ng	Qvalue # 90

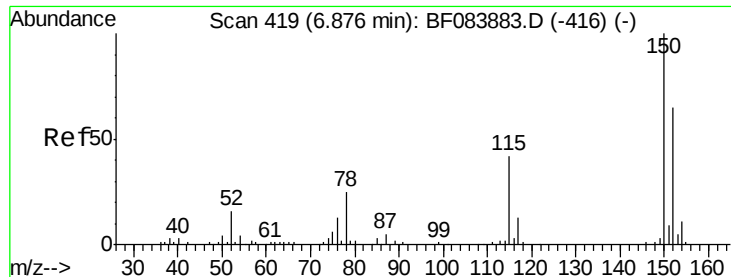
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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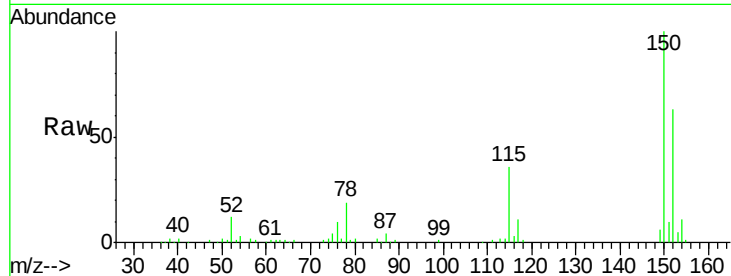


#1

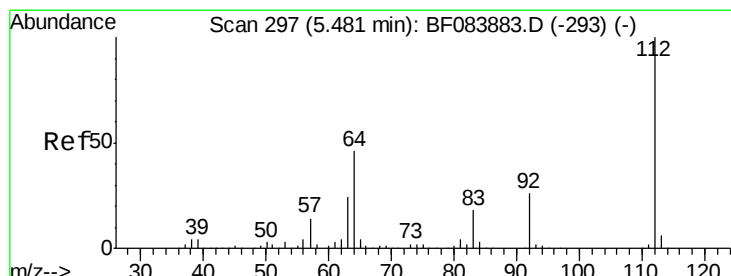
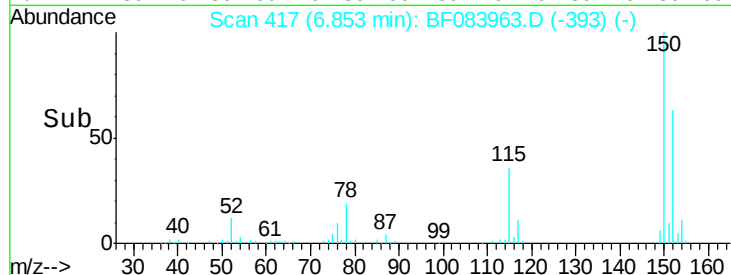
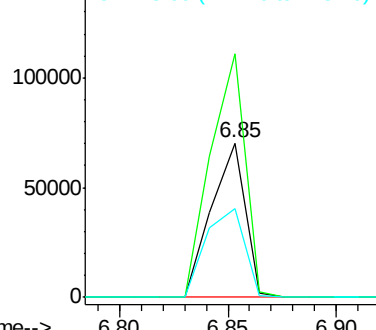
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 417
Delta R.T. -0.02 min
Lab File: BF083963.D
Acq: 19 Dec 2015 19:15

Instrument :
BNA_F
ClientSampled :
LTCWC-01

Tot Ion:152 Resp: 75997
Ion Ratio Lower Upper
152 100
150 157.7 123.0 184.4
115 57.1 51.4 77.2



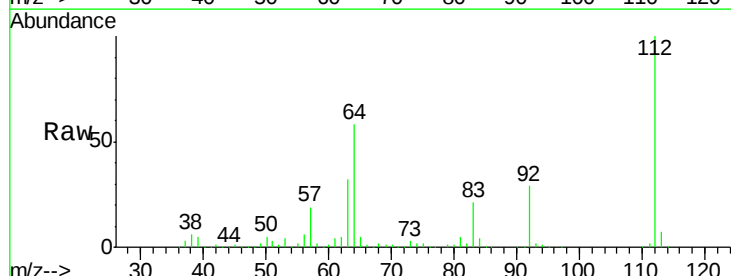
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



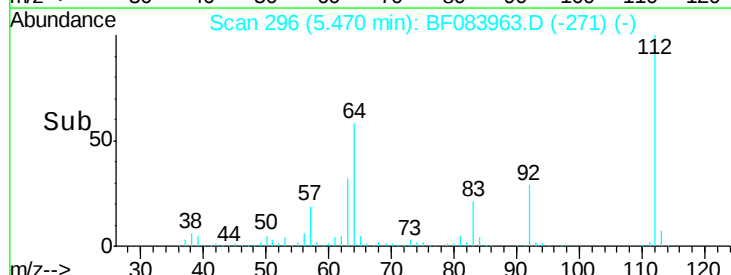
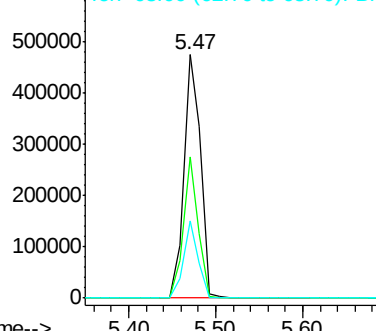
#5

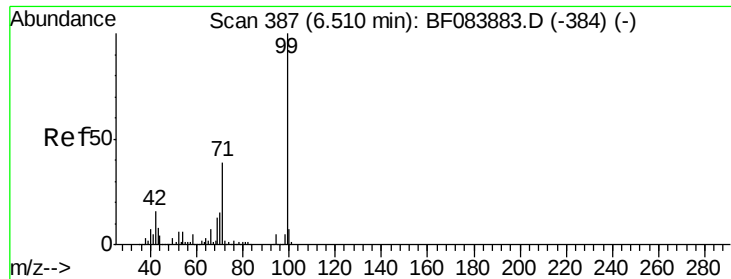
2-Fluorophenol
Concen: 130.80 ng
RT: 5.47 min Scan# 296
Delta R.T. -0.01 min
Lab File: BF083963.D
Acq: 19 Dec 2015 19:15

Tgt Ion:112 Resp: 635181
Ion Ratio Lower Upper
112 100
64 58.1 36.6 55.0#
63 31.6 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: 128.88 ng

RT: 6.50 min Scan# 386

Delta R.T. -0.01 min

Lab File: BF083963.D

Acq: 19 Dec 2015 19:15

Instrument :

BNA_F

ClientSampleId :

LTCWC-01

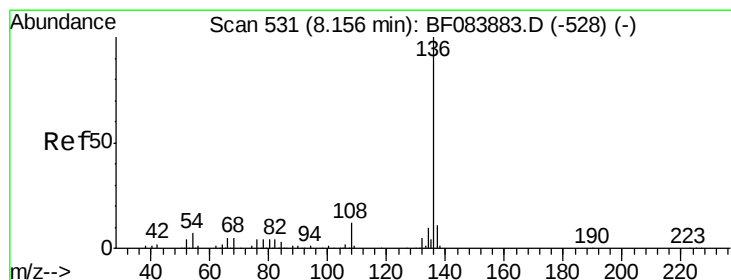
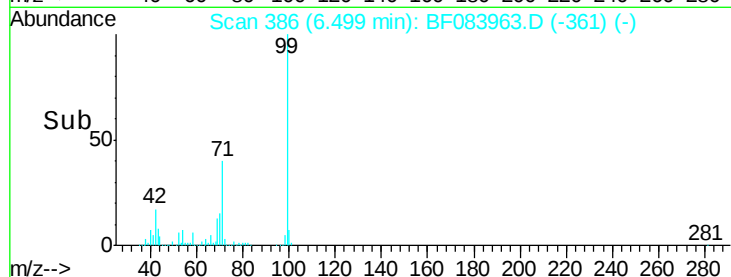
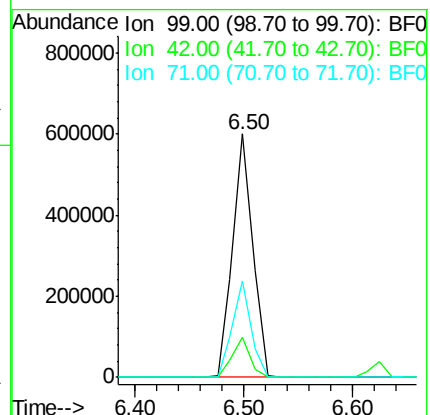
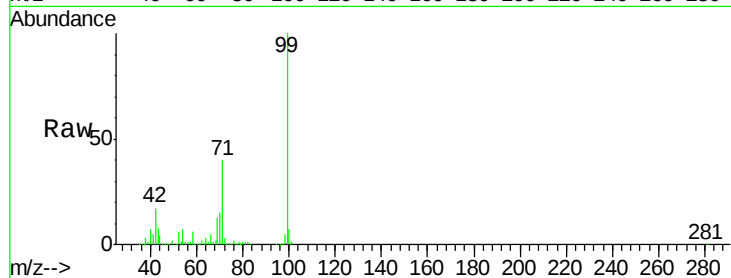
Tot Ion: 99 Resp: 766079

Ion Ratio Lower Upper

99 100

42 16.6 12.8 19.2

71 39.6 30.9 46.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.13 min Scan# 529

Delta R.T. -0.02 min

Lab File: BF083963.D

Acq: 19 Dec 2015 19:15

Tgt Ion: 136 Resp: 280963

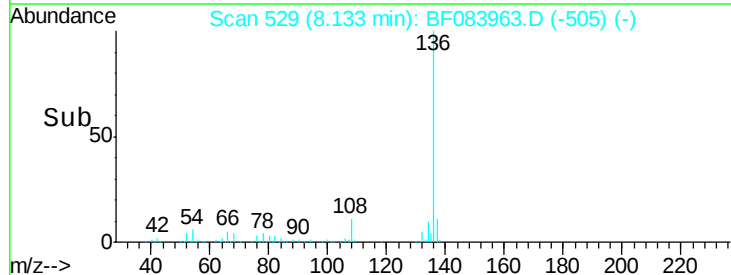
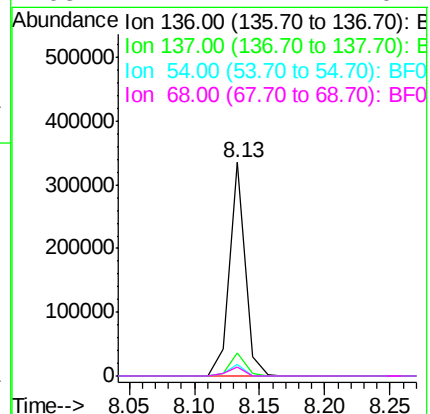
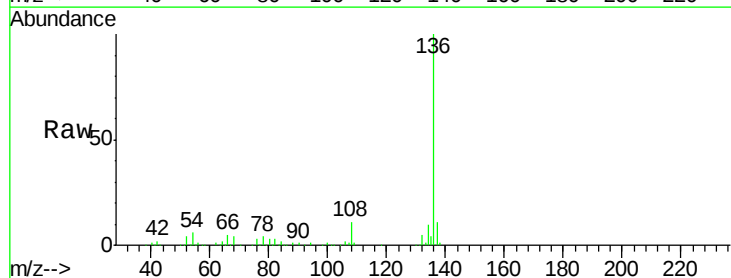
Ion Ratio Lower Upper

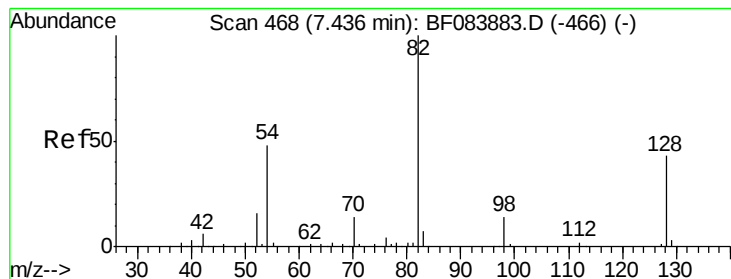
136 100

137 10.9 8.7 13.1

54 5.6 5.8 8.8#

68 4.4 4.2 6.2





#23

Nitrobenzene-d5

Concen: 95.27 ng

RT: 7.41 min Scan# 466

Delta R.T. -0.02 min

Lab File: BF083963.D

Acq: 19 Dec 2015 19:15

Instrument :

BNA_F

ClientSampleId :

LTCWC-01

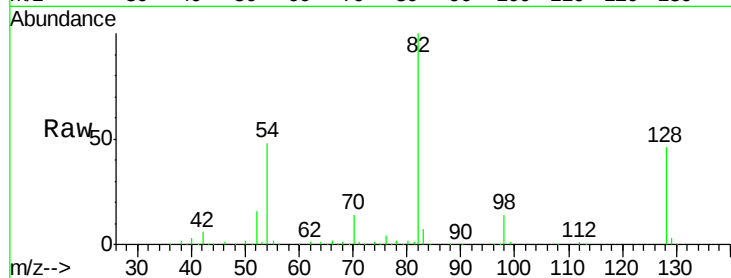
Tot Ion: 82 Resp: 468994

Ion Ratio Lower Upper

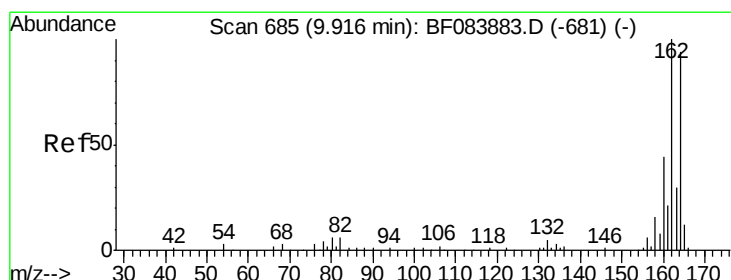
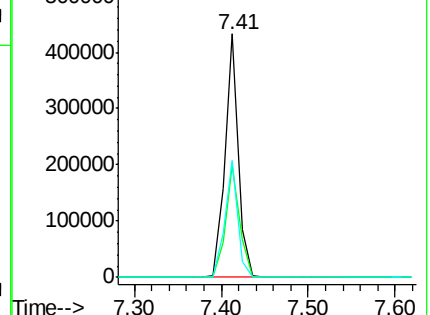
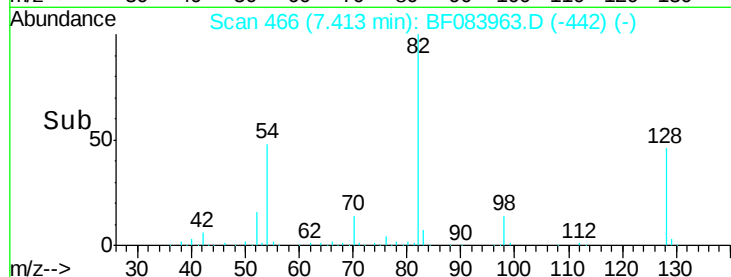
82 100

128 45.8 34.6 51.8

54 47.8 38.4 57.6



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.88 min Scan# 682

Delta R.T. -0.03 min

Lab File: BF083963.D

Acq: 19 Dec 2015 19:15

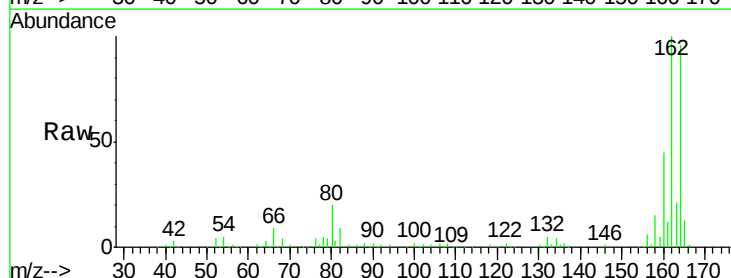
Tgt Ion:164 Resp: 149757

Ion Ratio Lower Upper

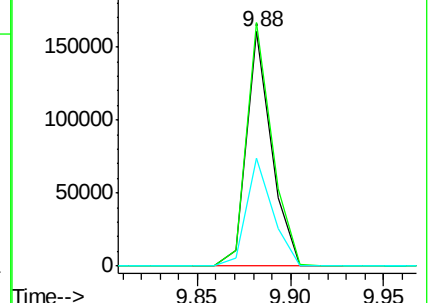
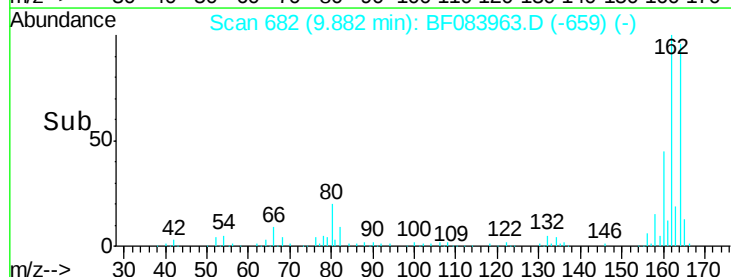
164 100

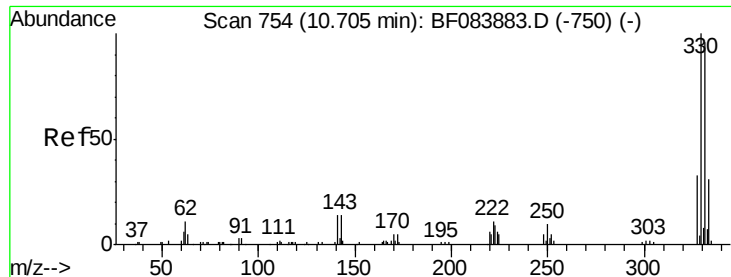
162 104.0 85.1 127.7

160 46.4 37.5 56.3



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

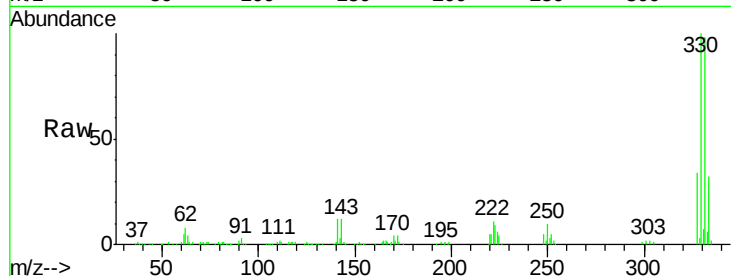




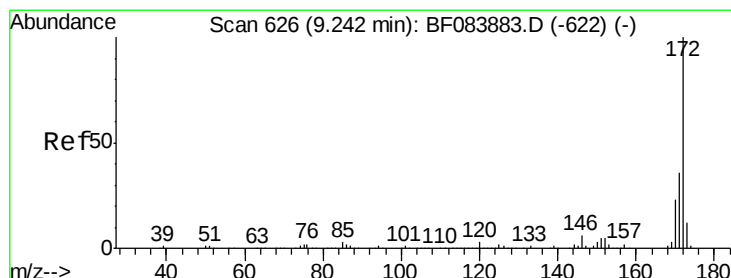
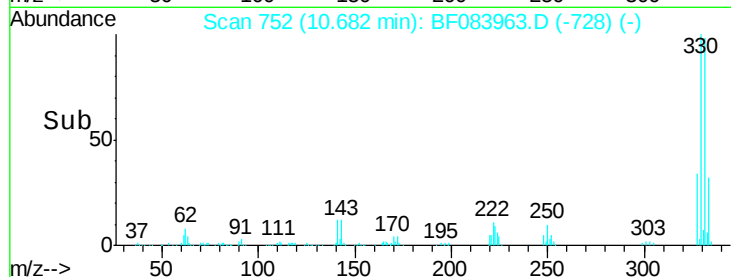
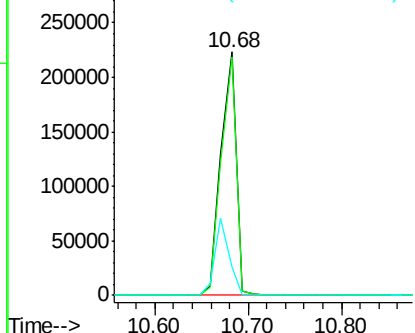
#41
 2,4,6-Tribromophenol
 Concen: 153.48 ng
 RT: 10.68 min Scan# 752
 Delta R.T. -0.02 min
 Lab File: BF083963.D
 Acq: 19 Dec 2015 19:15

Instrument :
 BNA_F
 ClientSampleId :
 LTCWC-01

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	76.6	114.8
141	29.9	27.8	41.6

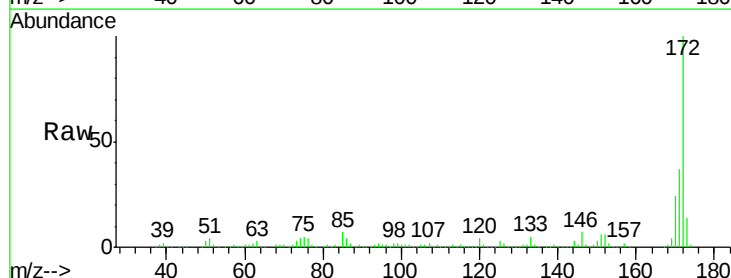


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

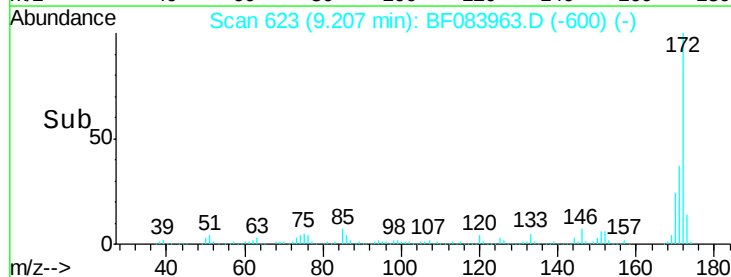
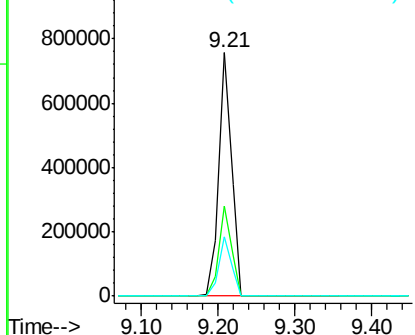


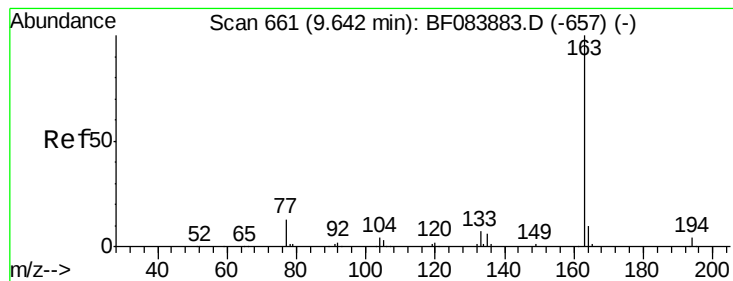
#44
 2-Fluorobiphenyl
 Concen: 82.74 ng
 RT: 9.21 min Scan# 623
 Delta R.T. -0.03 min
 Lab File: BF083963.D
 Acq: 19 Dec 2015 19:15

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	28.9	43.3
170	24.2	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: 13.08 ng

RT: 9.61 min Scan# 658

Delta R.T. -0.03 min

Lab File: BF083963.D

Acq: 19 Dec 2015 19:15

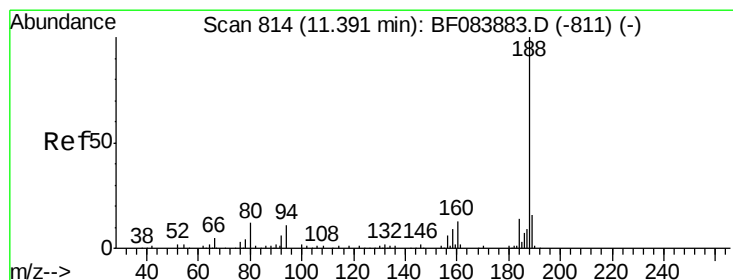
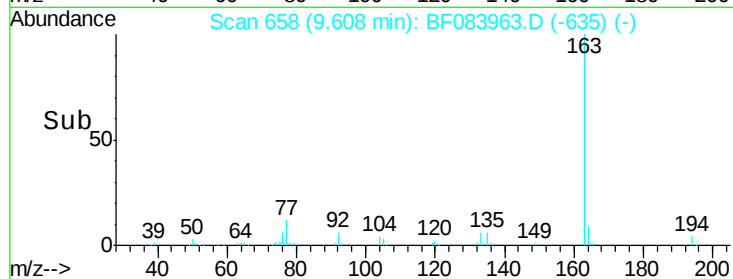
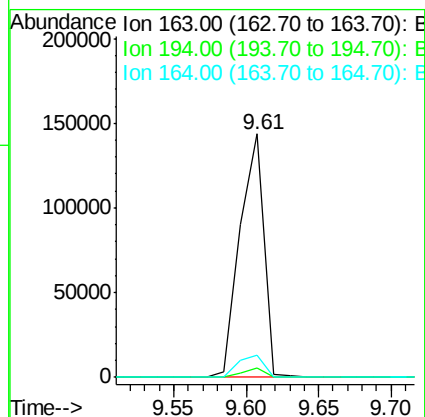
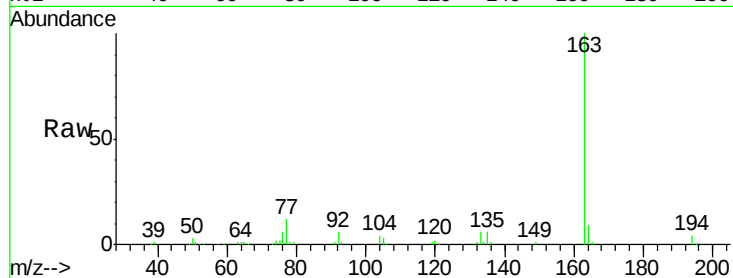
Instrument :

BNA_F

ClientSampleId :

LTCWC-01

Tot Ion:163	Resp:	164412
Ion Ratio	Lower	Upper
163	100	
194	3.8	8.0 12.0#
164	9.2	8.0 12.0



#63

Phenanthrene-d10

Concen: 20.00 ng

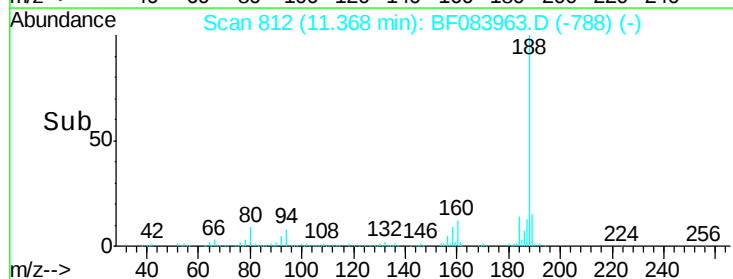
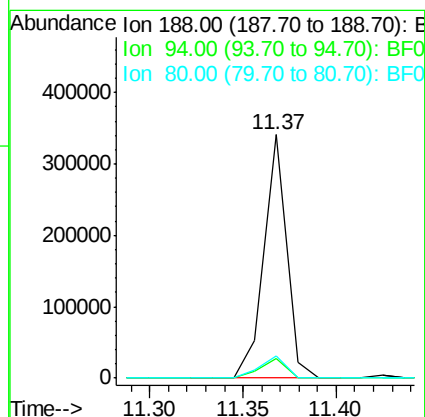
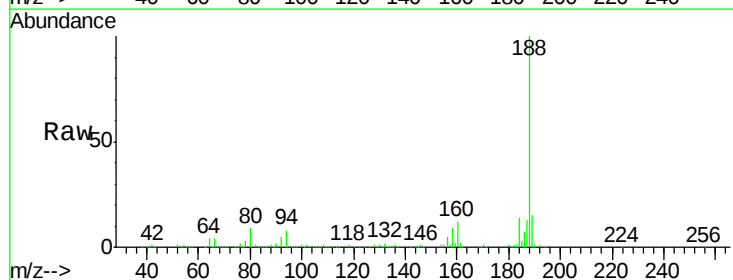
RT: 11.37 min Scan# 812

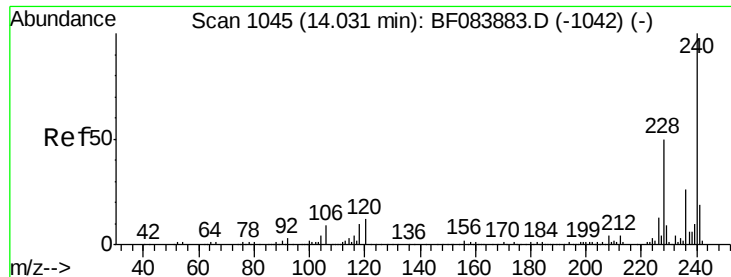
Delta R.T. -0.02 min

Lab File: BF083963.D

Acq: 19 Dec 2015 19:15

Tgt Ion:188	Resp:	286864
Ion Ratio	Lower	Upper
188	100	
94	8.2	9.0 13.4#
80	8.9	9.6 14.4#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.00 min Scan# 1042

Delta R.T. -0.03 min

Lab File: BF083963.D

Acq: 19 Dec 2015 19:15

Instrument :

BNA_F

ClientSampleId :

LTCWC-01

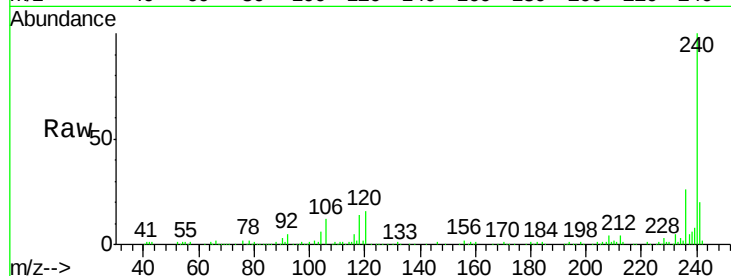
Tot Ion:240 Resp: 205747

Ion Ratio Lower Upper

240 100

120 16.3 9.5 14.3#

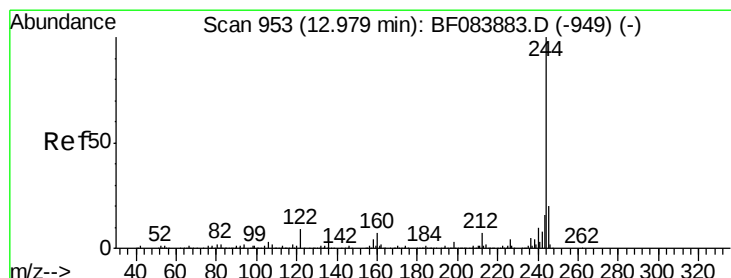
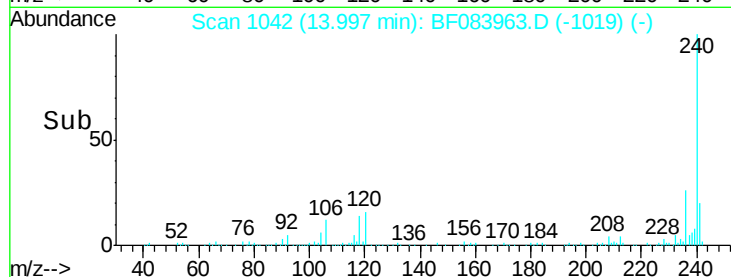
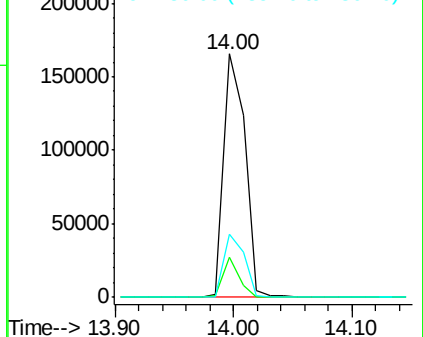
236 25.8 20.6 31.0



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: 96.17 ng

RT: 12.96 min Scan# 951

Delta R.T. -0.02 min

Lab File: BF083963.D

Acq: 19 Dec 2015 19:15

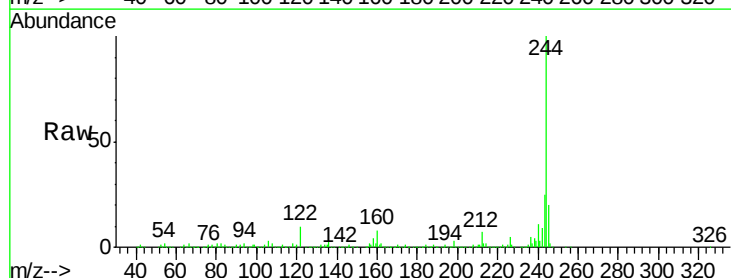
Tgt Ion:244 Resp: 839057

Ion Ratio Lower Upper

244 100

212 7.4 5.7 8.5

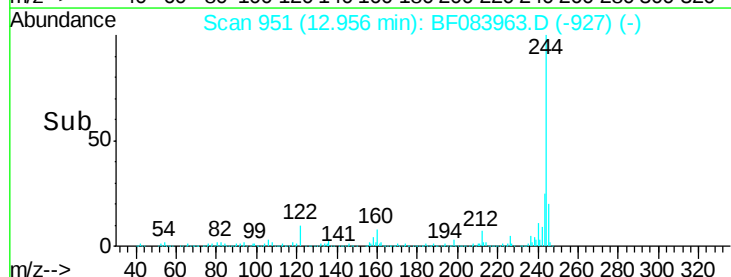
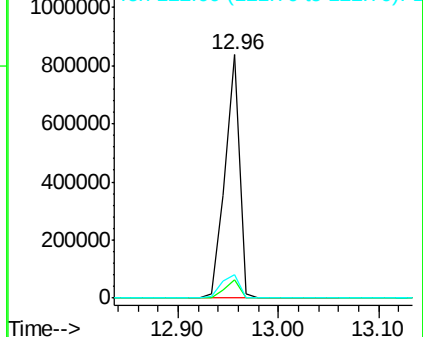
122 9.5 7.4 11.0

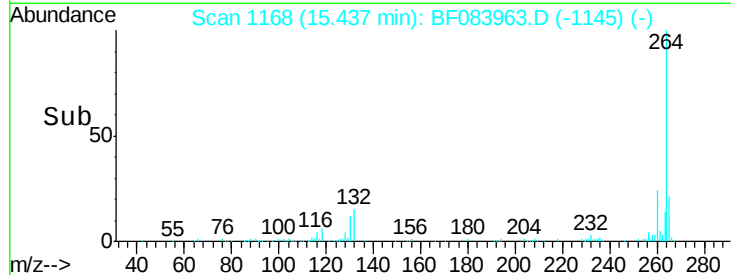
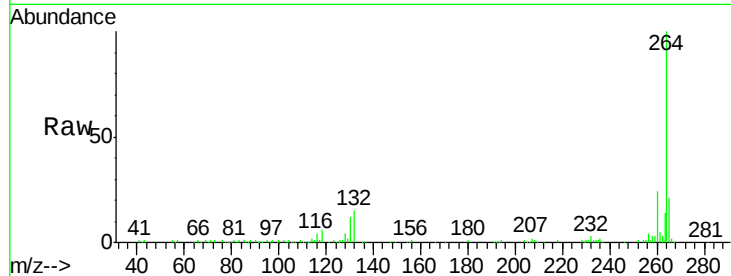
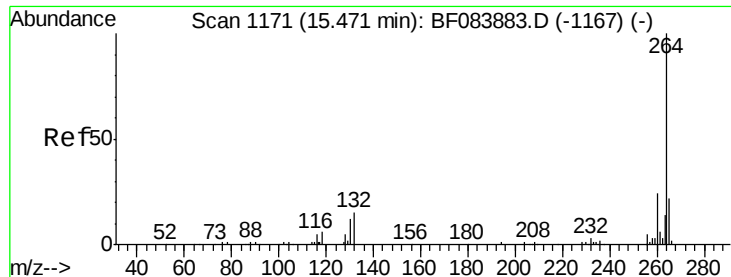


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.44 min Scan# 1168
 Delta R.T. -0.03 min
 Lab File: BF083963.D
 Acq: 19 Dec 2015 19:15

Instrument :
 BNA_F
 ClientSampleId :
 LTCWC-01

Tot Ion:264	Resp:	163147
Ion Ratio	Lower	Upper
264	100	
260	23.6	19.4 29.2
265	21.4	17.8 26.6

