

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122015\
 Data File : BF083969.D
 Acq On : 19 Dec 2015 22:02
 Operator : UM/SJ
 Sample : G4869-07
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LTCWC-TANK1

Quant Time: Dec 21 04:46:33 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

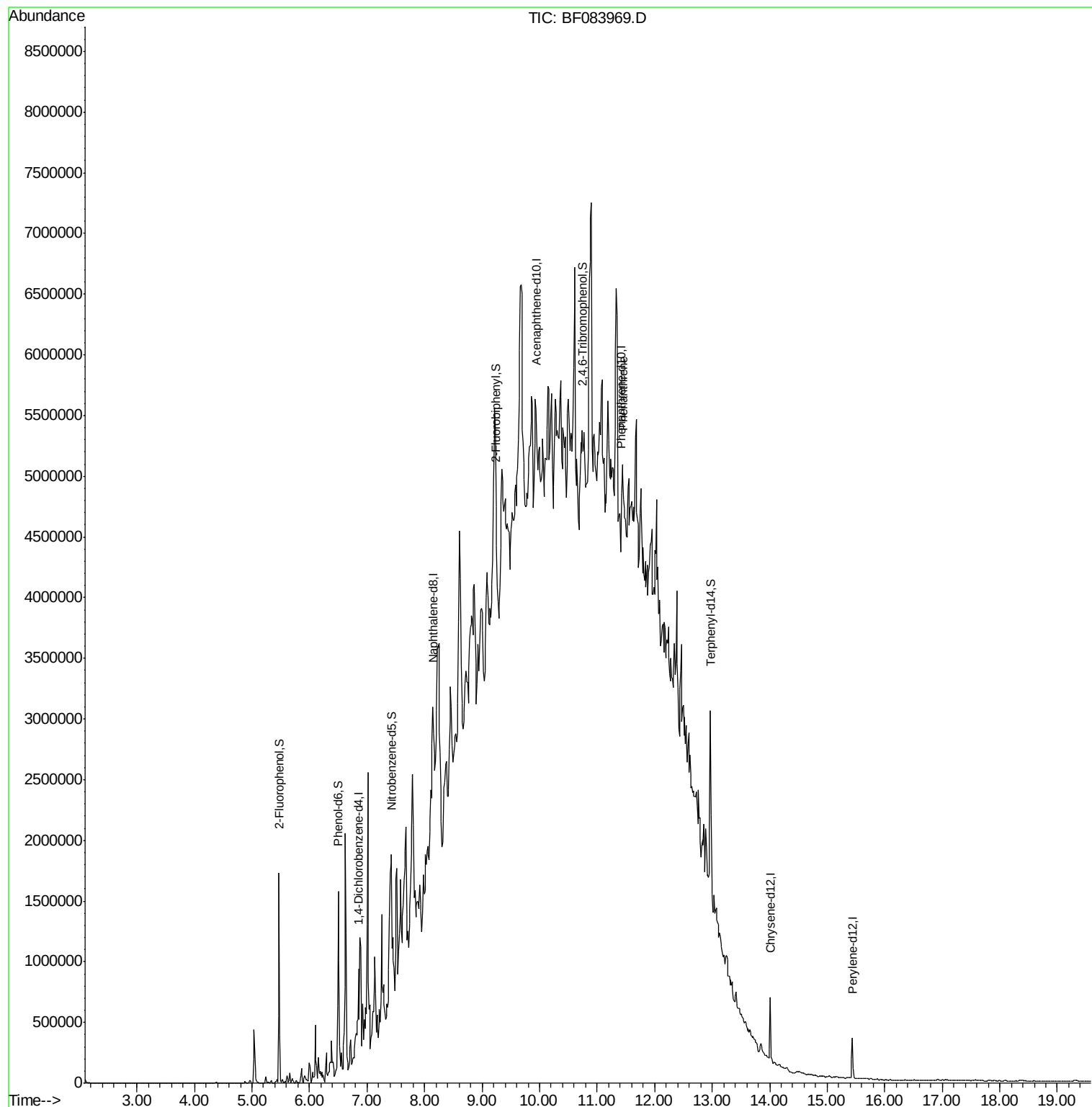
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	73981	20.00	ng	-0.02
21) Naphthalene-d8	8.14	136	243410	20.00	ng	-0.01
38) Acenaphthene-d10	9.94	164	68796	20.00	ng	0.02
63) Phenanthrene-d10	11.42	188	129309	20.00	ng	0.03
75) Chrysene-d12	14.01	240	169705	20.00	ng	-0.02
86) Perylene-d12	15.44	264	147282	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	549241	116.18	ng	-0.01
7) Phenol-d6	6.50	99	736282	127.24	ng	-0.01
23) Nitrobenzene-d5	7.42	82	527784	123.75	ng	-0.01
41) 2,4,6-Tribromophenol	10.74	330	161582	213.20	ng	0.03
44) 2-Fluorobiphenyl	9.24	172	575918	127.35	ng	0.00
78) Terphenyl-d14	12.97	244	613242	84.44	ng	-0.01
Target Compounds						
70) Phenanthrene	11.45	178	225165	28.82	ng	Qvalue # 75

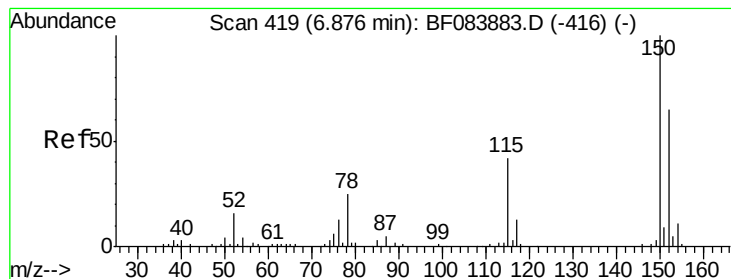
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122015\
Data File : BF083969.D
Acq On : 19 Dec 2015 22:02
Operator : UM/SJ
Sample : G4869-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LTCWC-TANK1

Quant Time: Dec 21 04:46:33 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





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.85 min Scan# 417

Delta R.T. -0.02 min

Lab File: BF083969.D

Acq: 19 Dec 2015 22:02

Instrument :

BNA_F

ClientSampleId :

LTCWC-TANK1

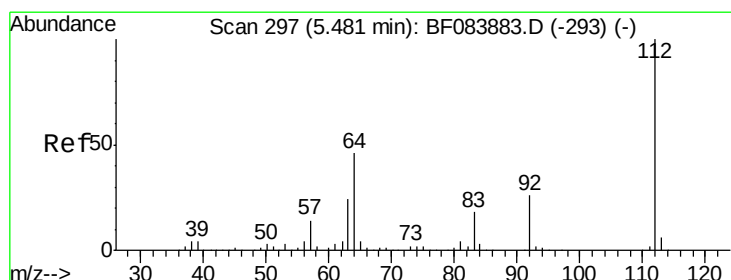
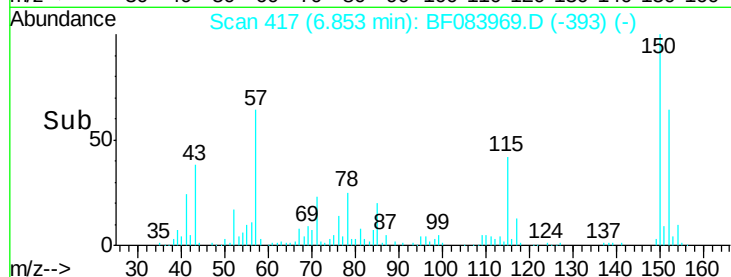
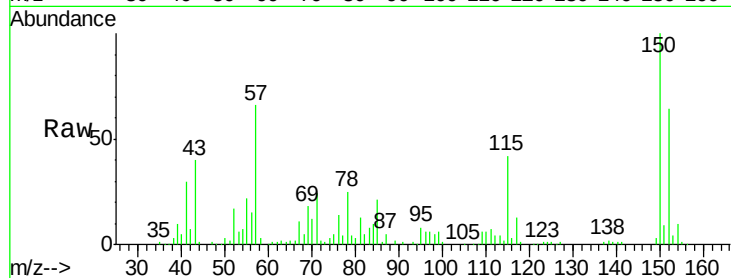
Tot Ion:152 Resp: 73981

Ion Ratio Lower Upper

152 100

150 155.6 123.0 184.4

115 64.7 51.4 77.2



#5

2-Fluorophenol

Concen: 116.18 ng

RT: 5.47 min Scan# 296

Delta R.T. -0.01 min

Lab File: BF083969.D

Acq: 19 Dec 2015 22:02

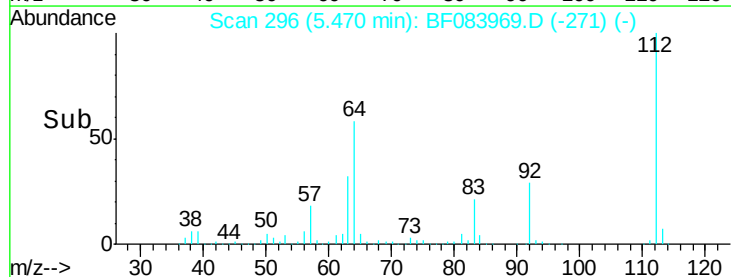
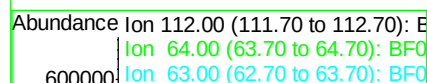
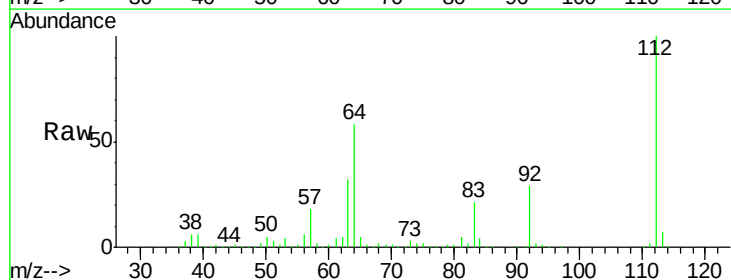
Tgt Ion:112 Resp: 549241

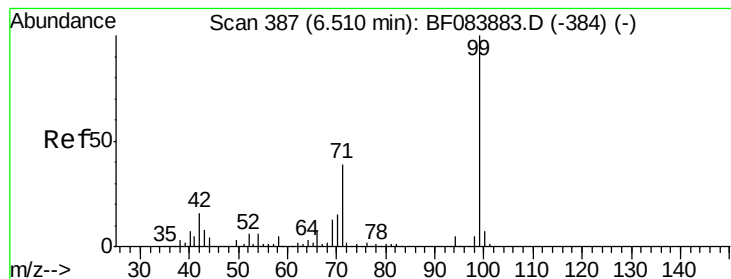
Ion Ratio Lower Upper

112 100

64 58.0 36.6 55.0#

63 31.6 19.4 29.0#





#7

Phenol-d6

Concen: 127.24 ng

RT: 6.50 min Scan# 386

Delta R.T. -0.01 min

Lab File: BF083969.D

Acq: 19 Dec 2015 22:02

Instrument :

BNA_F

ClientSampleId :

LTCWC-TANK1

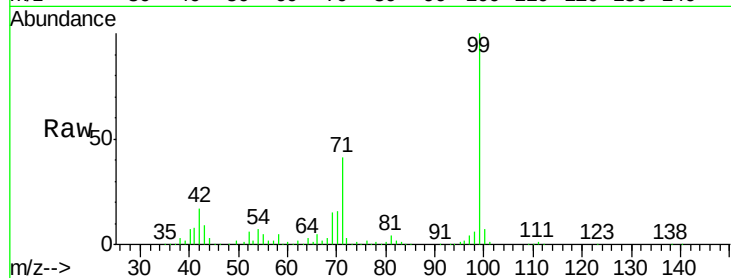
Tot Ion: 99 Resp: 736282

Ion Ratio Lower Upper

99 100

42 17.4 12.8 19.2

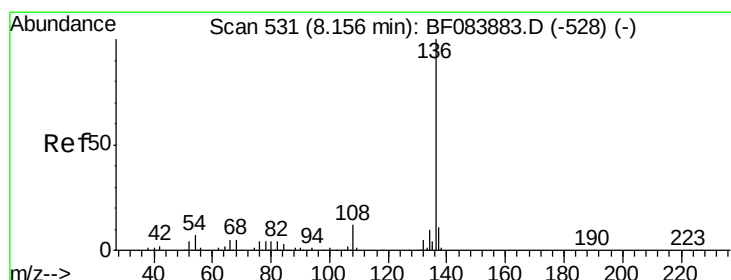
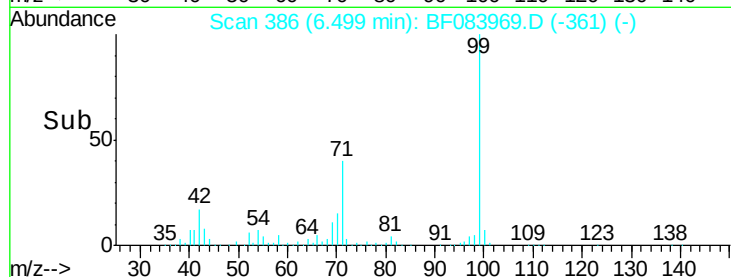
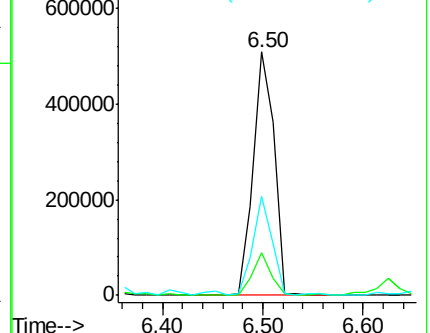
71 40.6 30.9 46.3



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: 8.14 min Scan# 530

Delta R.T. -0.01 min

Lab File: BF083969.D

Acq: 19 Dec 2015 22:02

Tgt Ion: 136 Resp: 243410

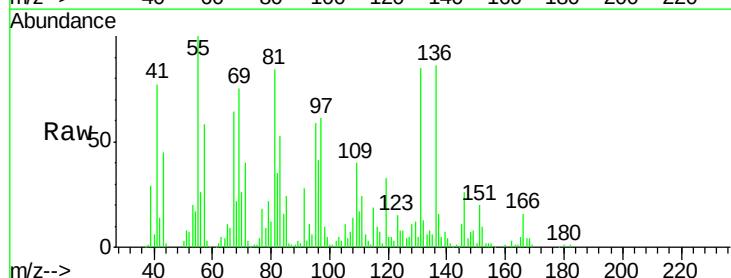
Ion Ratio Lower Upper

136 100

137 19.2 8.7 13.1#

54 19.3 5.8 8.8#

68 25.1 4.2 6.2#

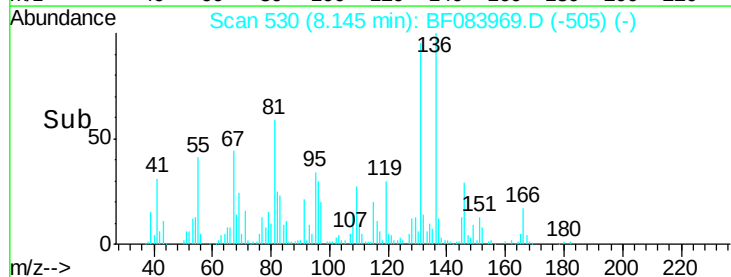
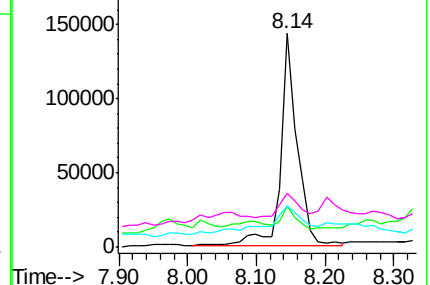


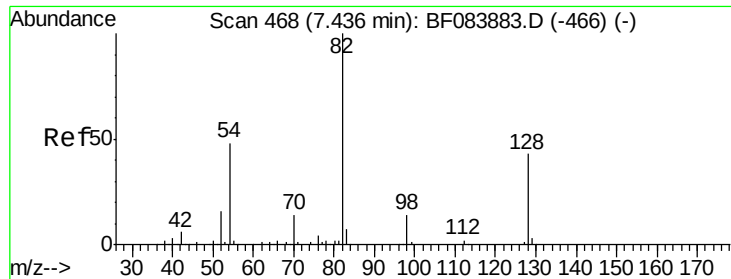
Abundance Ion 136.00 (135.70 to 136.70): E

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

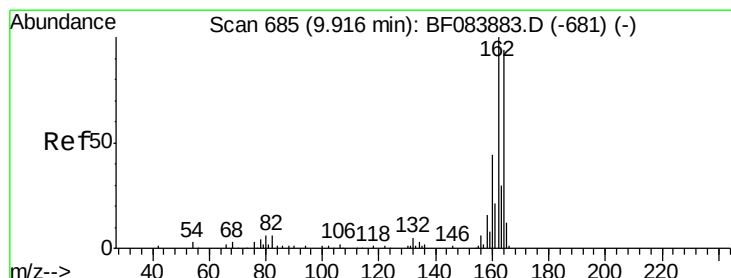
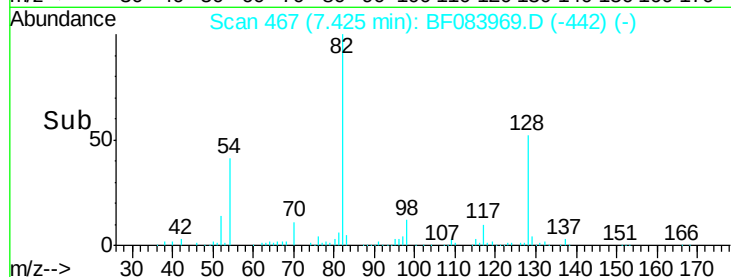
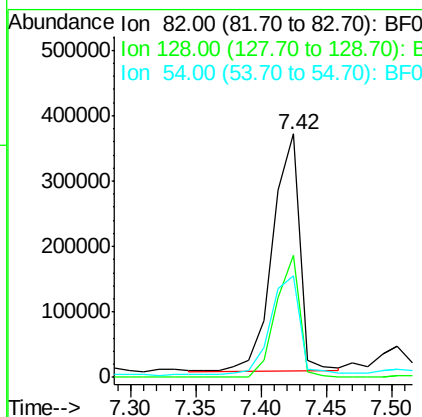
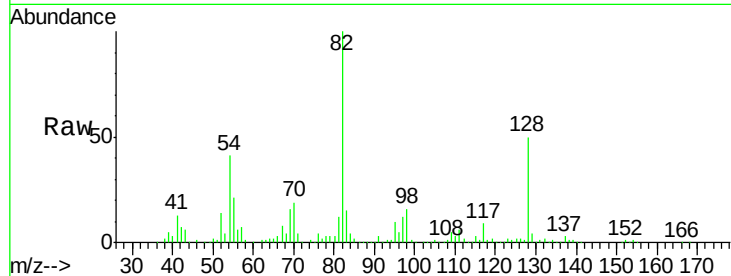




#23
 Nitrobenzene-d5
 Concen: 123.75 na
 RT: 7.42 min Scan# 467
 Delta R.T. -0.01 min
 Lab File: BF083969.D
 Acq: 19 Dec 2015 22:02

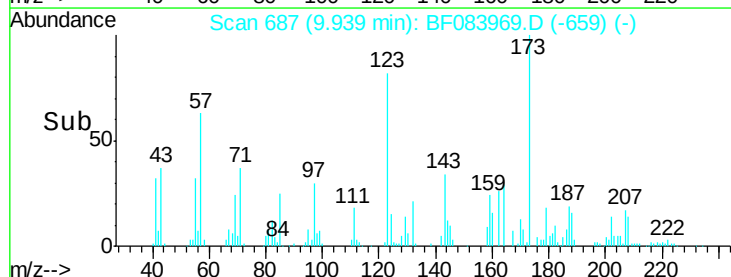
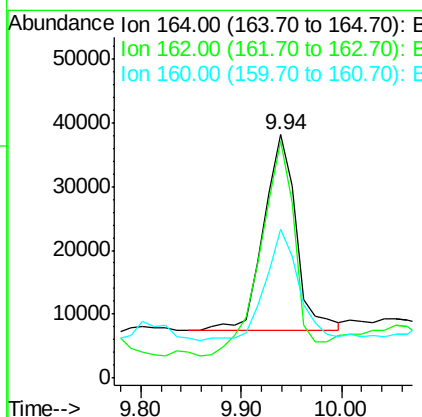
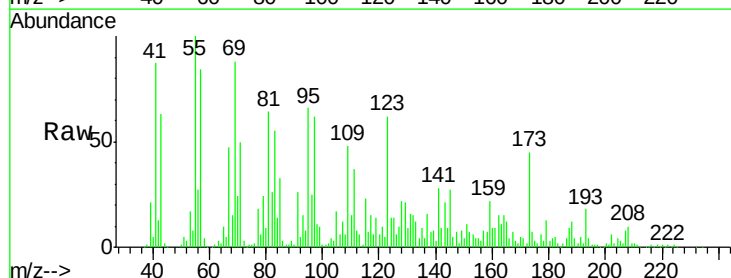
Instrument :
 BNA_F
 ClientSampleId :
 LTCWC-TANK1

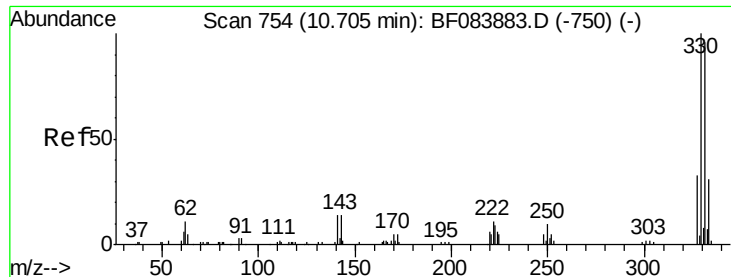
Tot Ion	82	Resp	527784
Ion Ratio	Lower	Upper	
82	100		
128	50.0	34.6	51.8
54	41.5	38.4	57.6



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.94 min Scan# 687
 Delta R.T. 0.02 min
 Lab File: BF083969.D
 Acq: 19 Dec 2015 22:02

Tgt Ion	164	Resp	68796
Ion Ratio <td>Lower</td> <td>Upper</td> <td></td>	Lower	Upper	
164	100		
162	97.2	85.1	127.7
160	61.0	37.5	56.3#

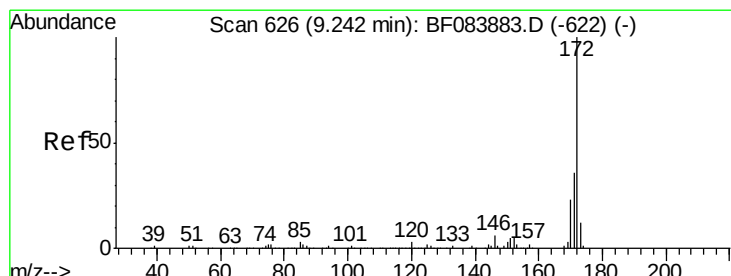
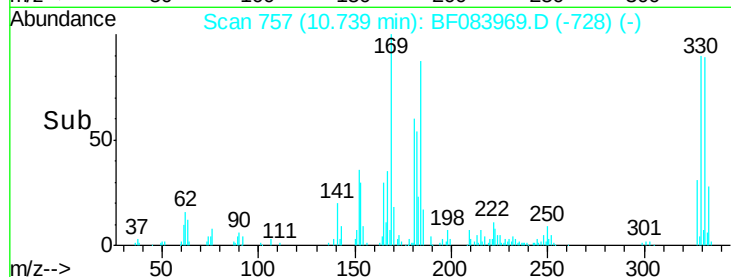
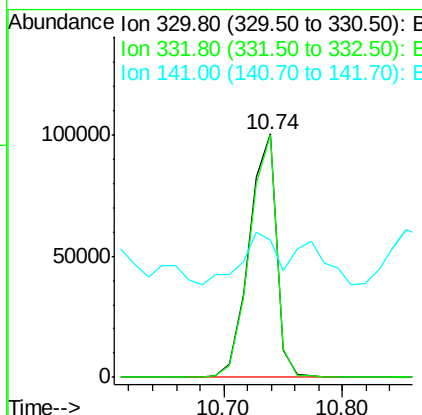
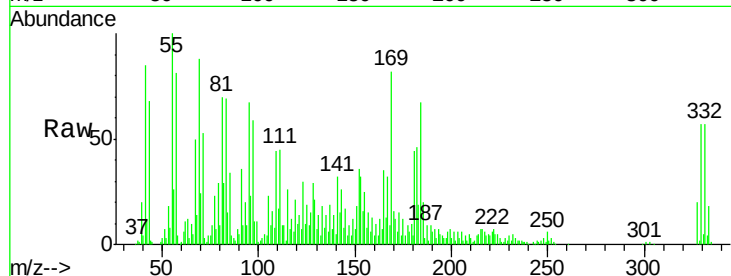




#41
 2,4,6-Tribromophenol
 Concen: 213.20 ng
 RT: 10.74 min Scan# 757
 Delta R.T. 0.03 min
 Lab File: BF083969.D
 Acq: 19 Dec 2015 22:02

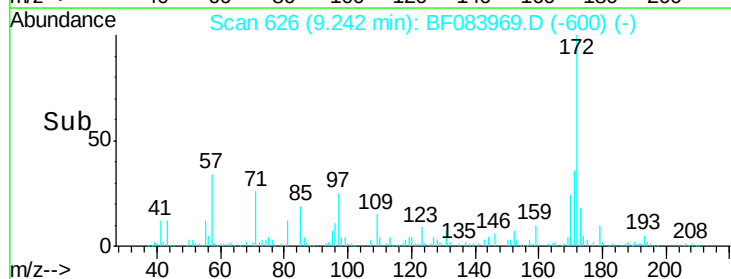
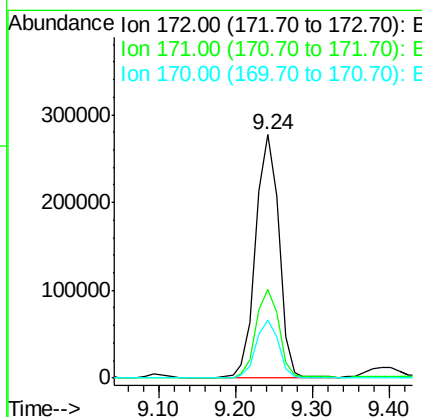
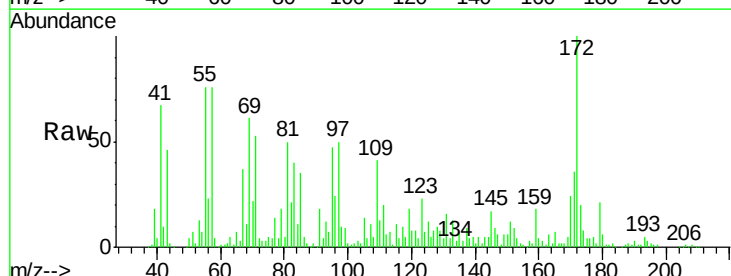
Instrument :
 BNA_F
 ClientSampleId :
 LTCWC-TANK1

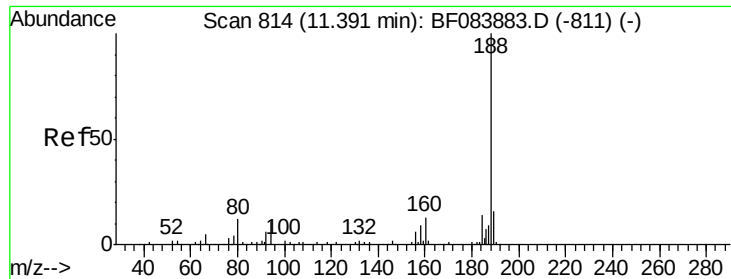
Tot Ion:330 Resp: 161582
 Ion Ratio Lower Upper
 330 100
 332 98.2 76.6 114.8
 141 27.4 27.8 41.6#



#44
 2-Fluorobiphenyl
 Concen: 127.35 ng
 RT: 9.24 min Scan# 626
 Delta R.T. 0.00 min
 Lab File: BF083969.D
 Acq: 19 Dec 2015 22:02

Tgt Ion:172 Resp: 575918
 Ion Ratio Lower Upper
 172 100
 171 36.3 28.9 43.3
 170 24.0 18.6 27.8

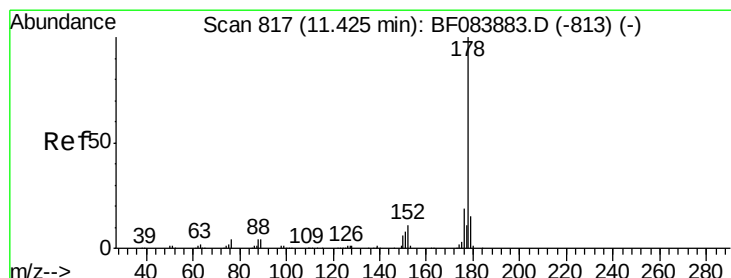
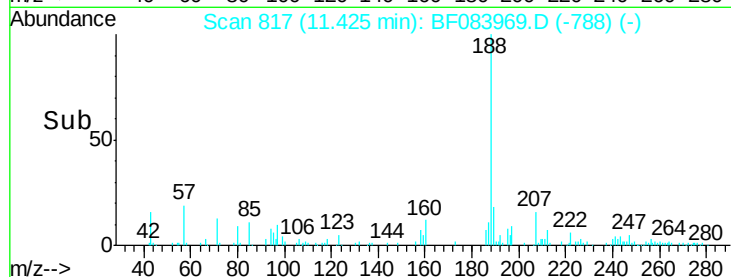
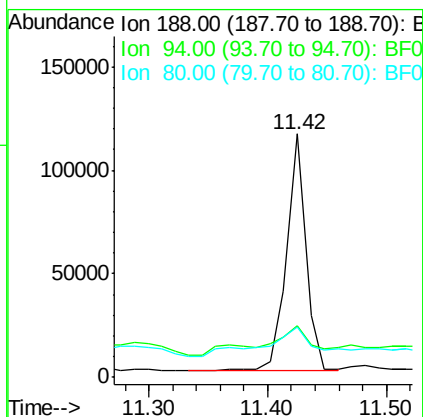
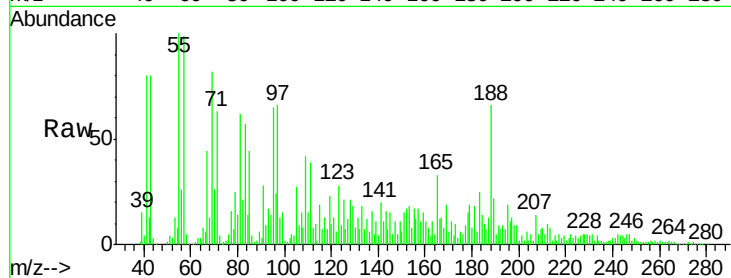




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.42 min Scan# 817
Delta R.T. 0.03 min
Lab File: BF083969.D
Acq: 19 Dec 2015 22:02

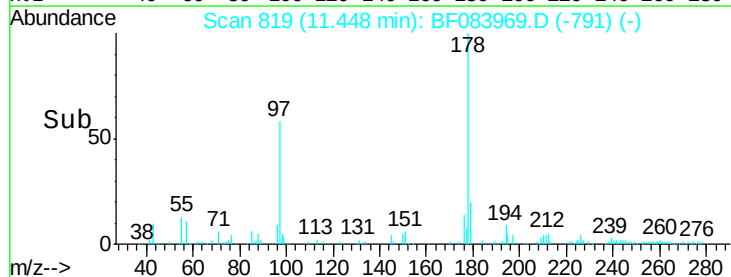
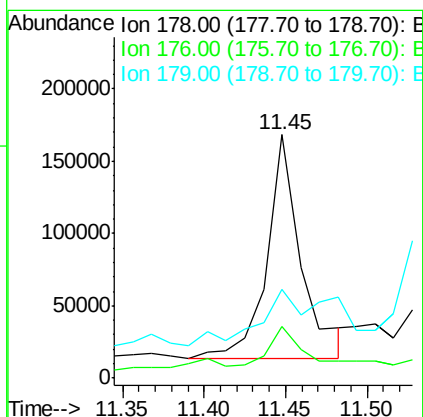
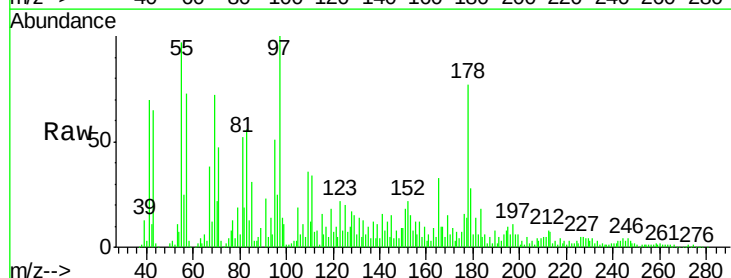
Instrument :
BNA_F
ClientSampleId :
LTCWC-TANK1

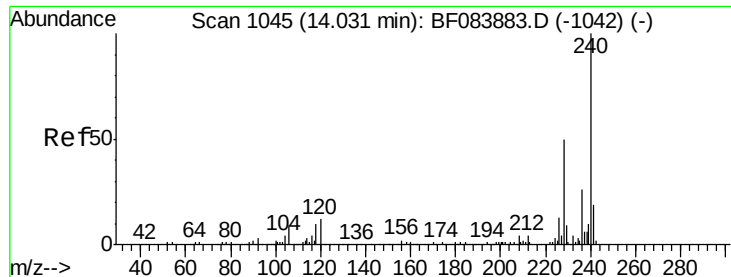
Tot Ion:188 Resp: 129309
Ion Ratio Lower Upper
188 100
94 21.1 9.0 13.4#
80 20.6 9.6 14.4#



#70
Phenanthrene
Concen: 28.82 ng
RT: 11.45 min Scan# 819
Delta R.T. 0.02 min
Lab File: BF083969.D
Acq: 19 Dec 2015 22:02

Tgt Ion:178 Resp: 225165
Ion Ratio Lower Upper
178 100
176 21.2 15.3 22.9
179 36.2 12.0 18.0#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.01 min Scan# 1043

Delta R.T. -0.02 min

Lab File: BF083969.D

Acq: 19 Dec 2015 22:02

Instrument :

BNA_F

ClientSampleId :

LTCWC-TANK1

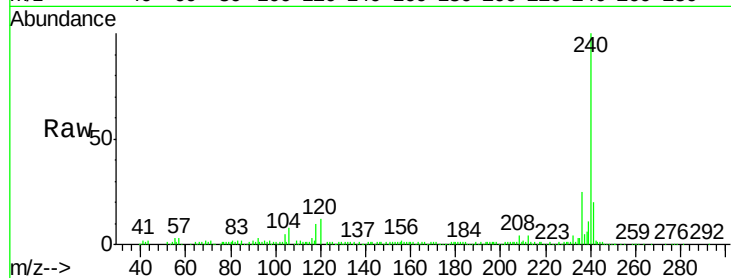
Tot Ion:240 Resp: 169705

Ion Ratio Lower Upper

240 100

120 11.5 9.5 14.3

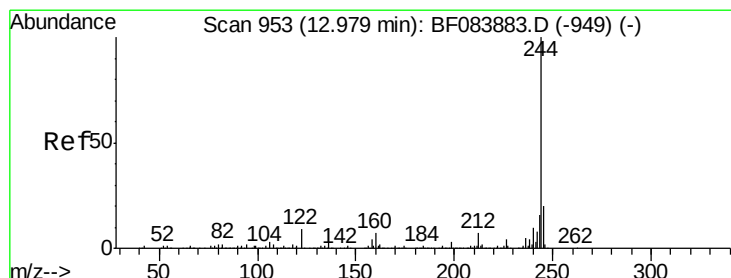
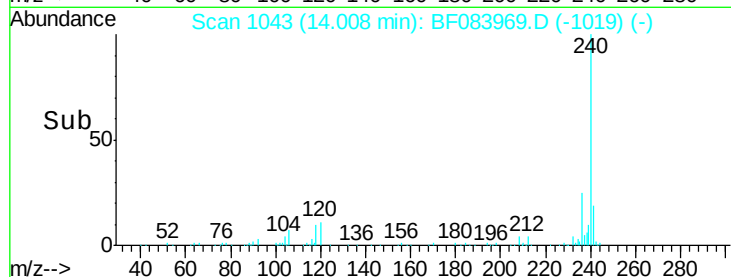
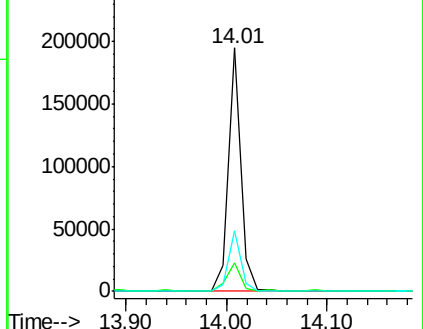
236 25.0 20.6 31.0



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: 84.44 ng

RT: 12.97 min Scan# 952

Delta R.T. -0.01 min

Lab File: BF083969.D

Acq: 19 Dec 2015 22:02

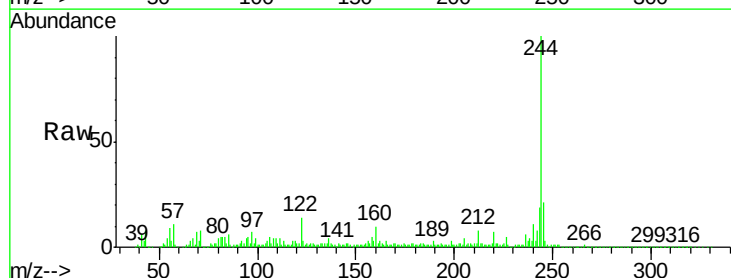
Tgt Ion:244 Resp: 613242

Ion Ratio Lower Upper

244 100

212 8.2 5.7 8.5

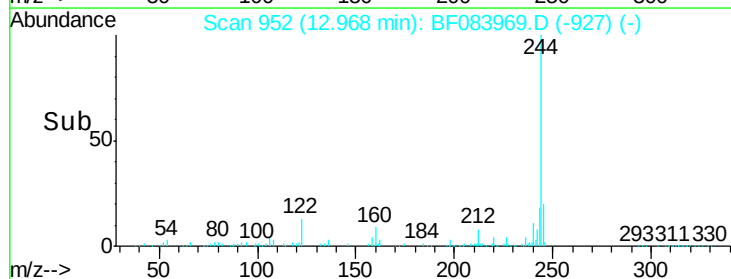
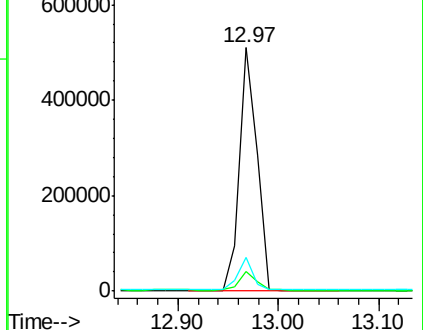
122 13.9 7.4 11.0#

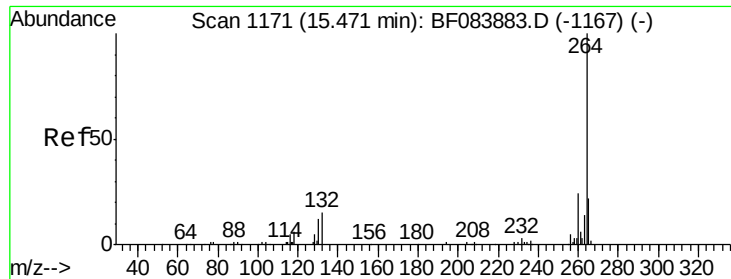


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF083969.D
Acq: 19 Dec 2015 22:02

Instrument :
BNA_F
ClientSampleId :
LTCWC-TANK1

Tot Ion: 264 Resp: 147282

Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.4	29.2
265	21.2	17.8	26.6

