

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121315\
 Data File : BF083773.D
 Acq On : 14 Dec 2015 12:05
 Operator : UM/IZ
 Sample : G4761-03 5X
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NORTH-SIDEWALL

Quant Time: Dec 14 12:39:51 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 14 01:30:12 2015
 Response via : Initial Calibration

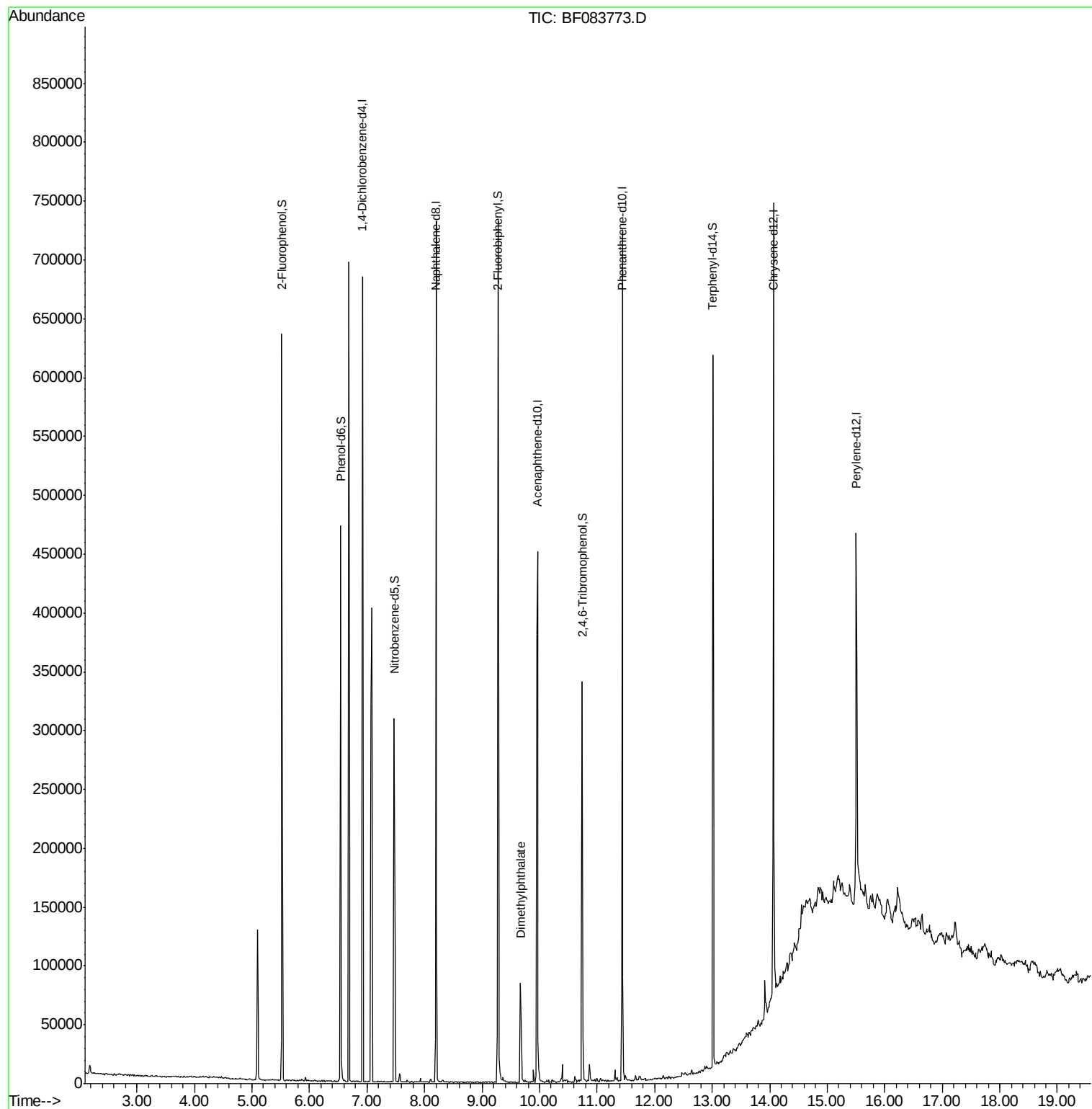
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	97517	20.00	ng	0.00
21) Naphthalene-d8	8.20	136	321222	20.00	ng	-0.01
38) Acenaphthene-d10	9.96	164	133266	20.00	ng	0.00
63) Phenanthrene-d10	11.44	188	245120	20.00	ng	-0.01
75) Chrysene-d12	14.07	240	233507	20.00	ng	-0.01
86) Perylene-d12	15.51	264	159088	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	188165	31.13	ng	-0.01
7) Phenol-d6	6.54	99	230264	30.08	ng	0.00
23) Nitrobenzene-d5	7.47	82	118069	20.56	ng	-0.01
41) 2,4,6-Tribromophenol	10.74	330	40916	30.13	ng	-0.01
44) 2-Fluorobiphenyl	9.28	172	231272	21.22	ng	-0.01
78) Terphenyl-d14	13.01	244	188854	17.40	ng	-0.01
Target Compounds						
49) Dimethylphthalate	9.66	163	50173	4.83	ng	Qvalue # 98

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.92 min Scan# 423

Delta R.T. 0.00 min

Lab File: BF083773.D

Acq: 14 Dec 2015 12:05

Instrument :

BNA_F

ClientSampleId :

NORTH-SIDEWALL

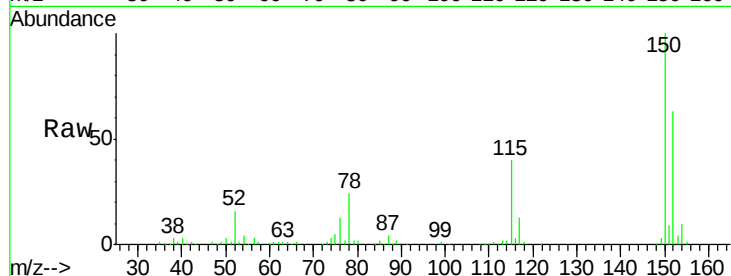
Tot Ion:152 Resp: 97517

Ion Ratio Lower Upper

152 100

150 158.0 126.5 189.7

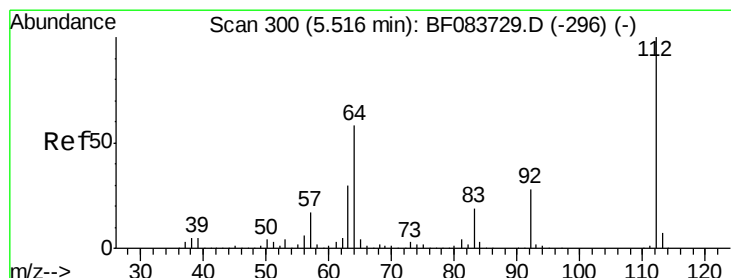
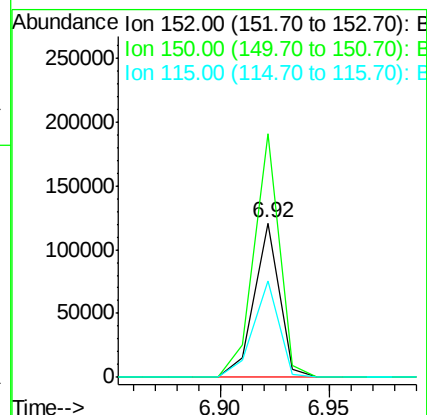
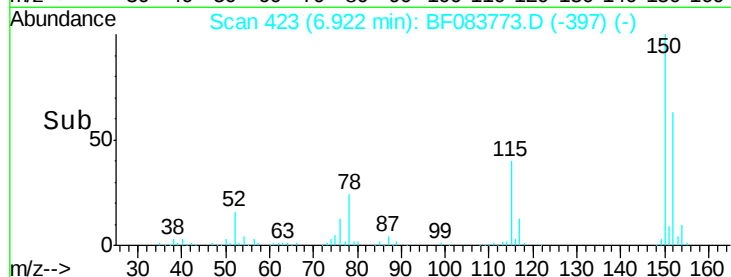
115 62.5 52.3 78.5



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: 31.13 ng

RT: 5.52 min Scan# 300

Delta R.T. -0.01 min

Lab File: BF083773.D

Acq: 14 Dec 2015 12:05

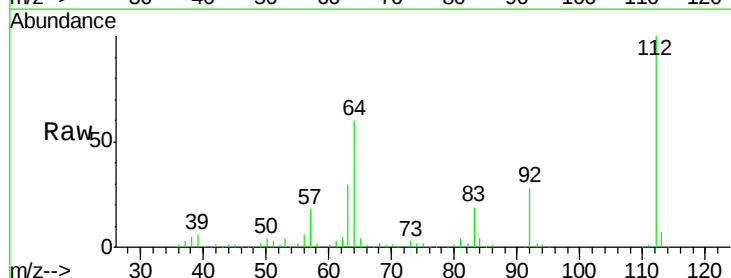
Tgt Ion:112 Resp: 188165

Ion Ratio Lower Upper

112 100

64 59.7 50.5 75.7

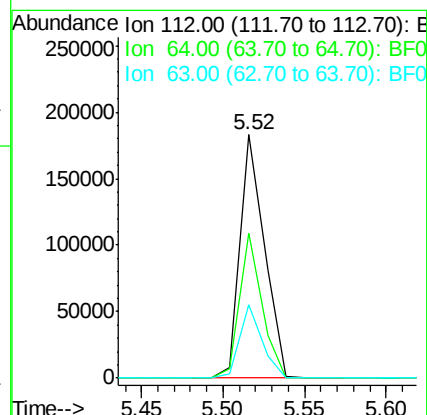
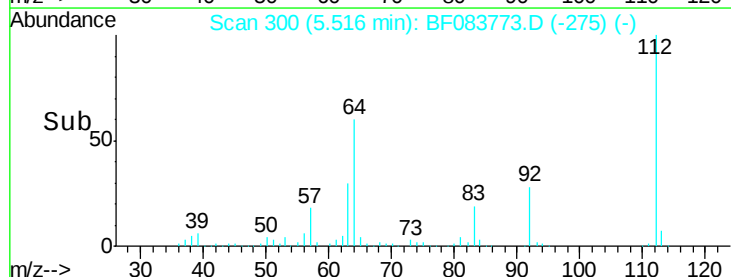
63 30.0 25.8 38.6



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: 30.08 ng

RT: 6.54 min Scan# 390

Delta R.T. 0.00 min

Lab File: BF083773.D

Acq: 14 Dec 2015 12:05

Instrument :

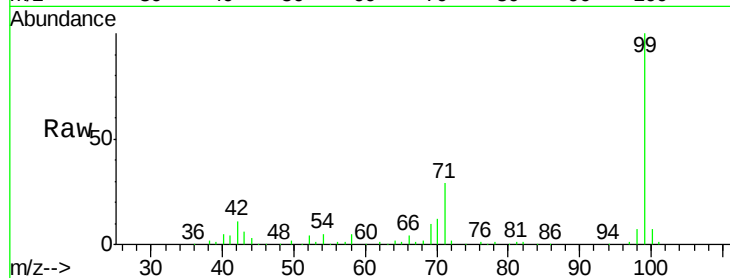
BNA_F

ClientSampleId :

NORTH-SIDEWALL

Tot Ion: 99 Resp: 230264

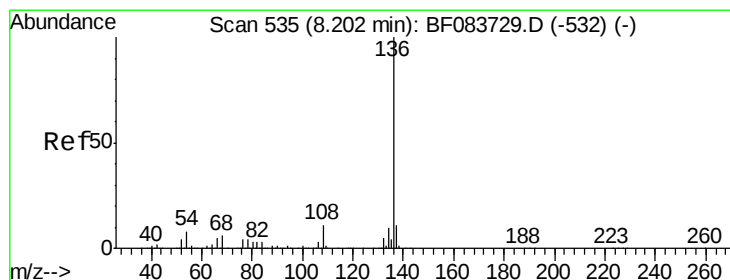
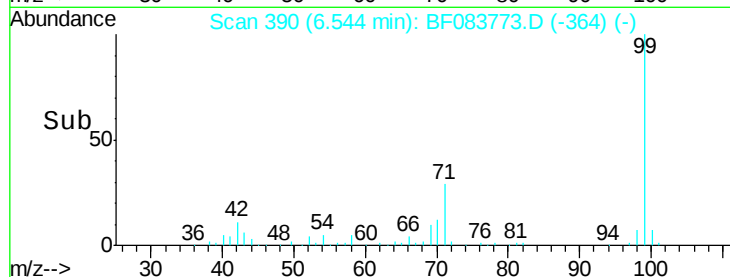
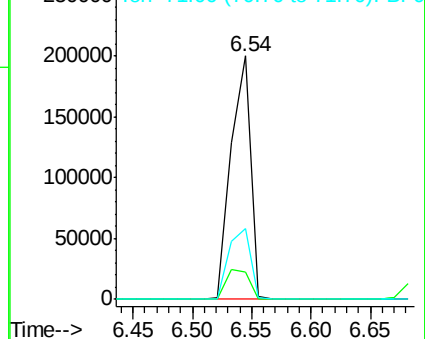
Ion	Ratio	Lower	Upper
99	100		
42	11.1	17.3	25.9#
71	29.1	26.6	40.0



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: 8.20 min Scan# 535

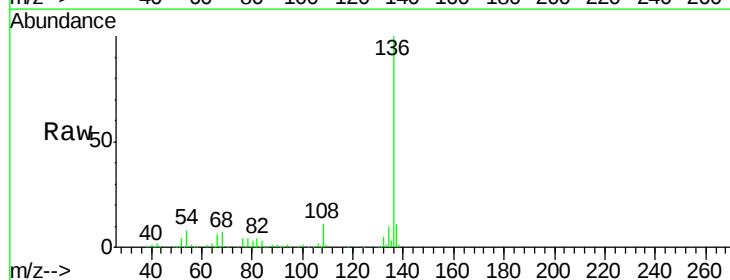
Delta R.T. -0.01 min

Lab File: BF083773.D

Acq: 14 Dec 2015 12:05

Tgt Ion: 136 Resp: 321222

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.7	13.1
54	8.4	7.8	11.6
68	6.6	5.7	8.5

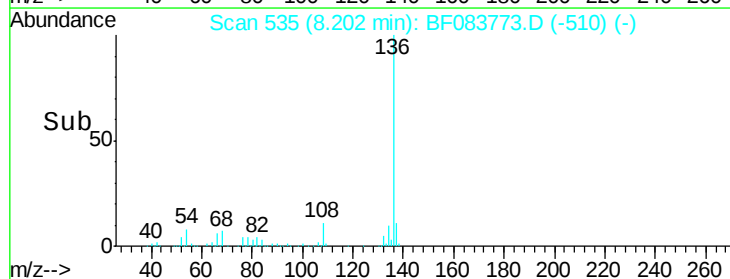
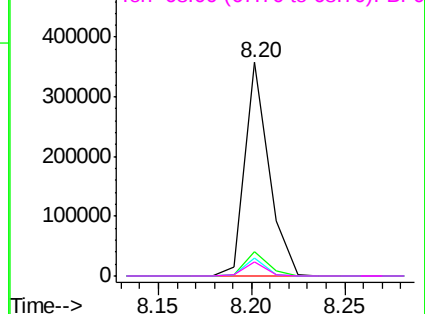


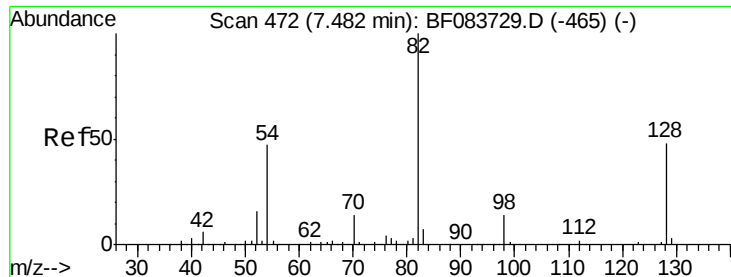
Abundance Ion 136.00 (135.70 to 136.70): E

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

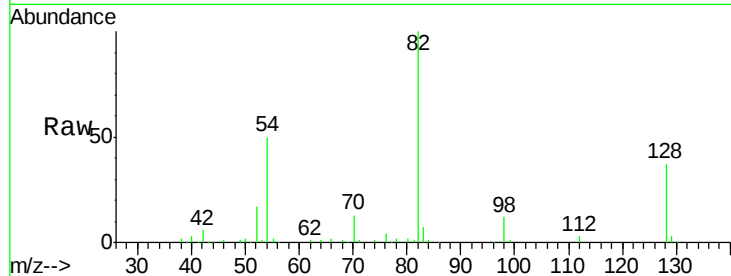




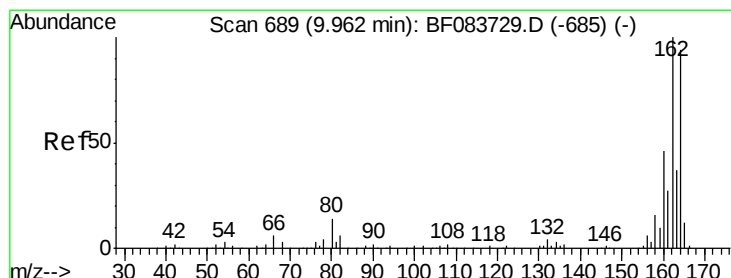
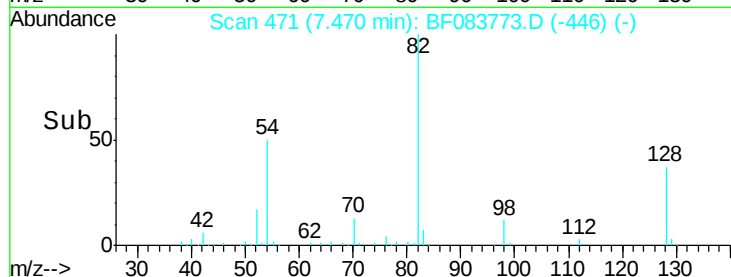
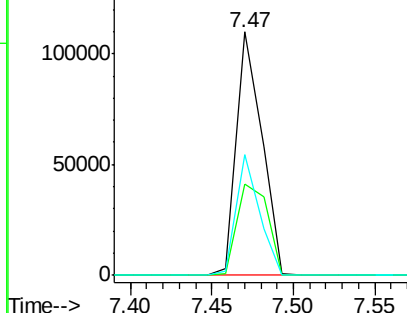
#23
 Nitrobenzene-d5
 Concen: 20.56 ng
 RT: 7.47 min Scan# 471
 Delta R.T. -0.01 min
 Lab File: BF083773.D
 Acq: 14 Dec 2015 12:05

Instrument :
 BNA_F
 ClientSampleId :
 NORTH-SIDEWALL

Tot Ion	82	Resp	118069
Ion Ratio	Lower	Upper	
82	100		
128	37.3	30.7	46.1
54	49.8	42.5	63.7

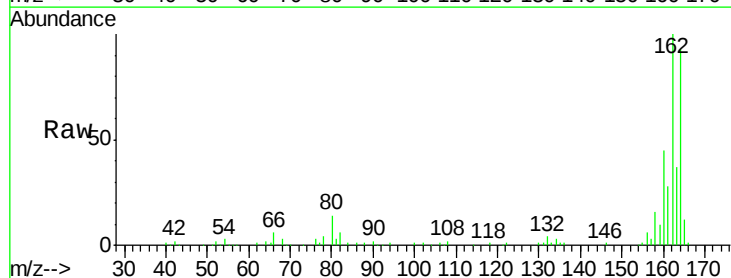


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

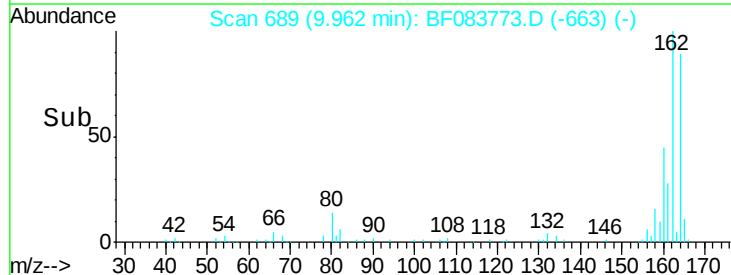
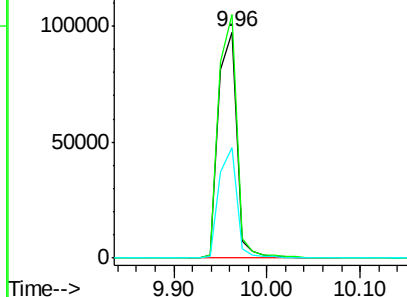


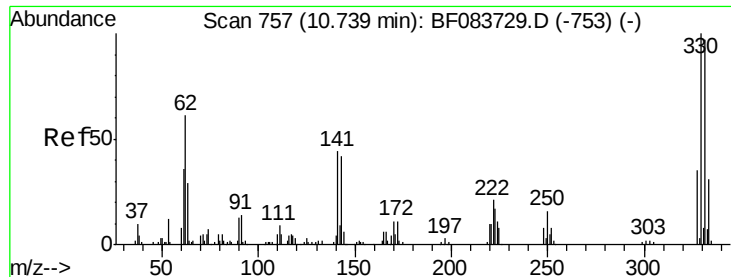
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.96 min Scan# 689
 Delta R.T. 0.00 min
 Lab File: BF083773.D
 Acq: 14 Dec 2015 12:05

Tgt Ion	164	Resp	133266
Ion Ratio	Lower	Upper	
164	100		
162	107.7	78.8	118.2
160	49.0	33.4	50.2



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

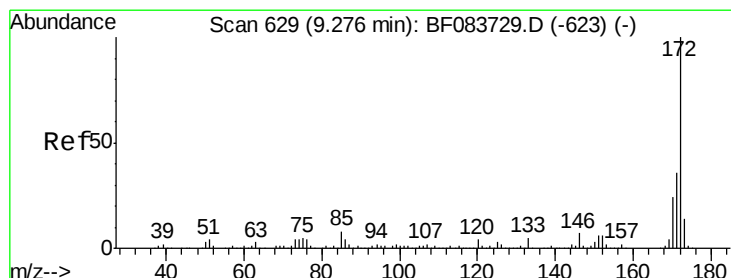
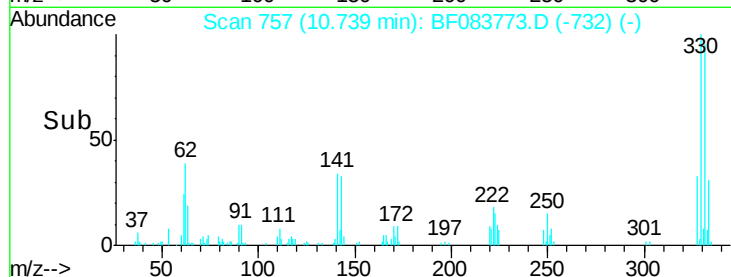
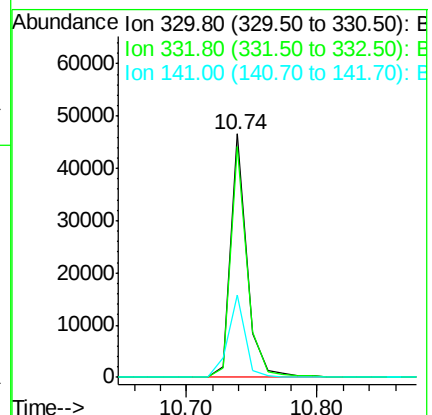
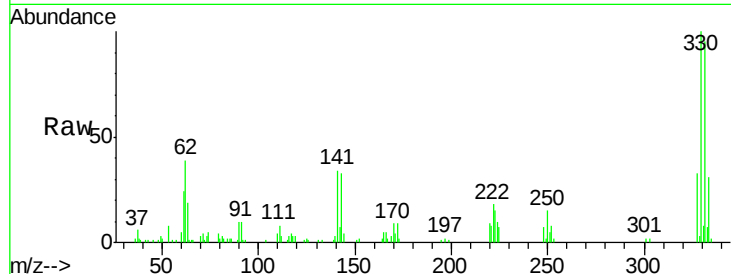




#41
 2,4,6-Tribromophenol
 Concen: 30.13 ng
 RT: 10.74 min Scan# 757
 Delta R.T. -0.01 min
 Lab File: BF083773.D
 Acq: 14 Dec 2015 12:05

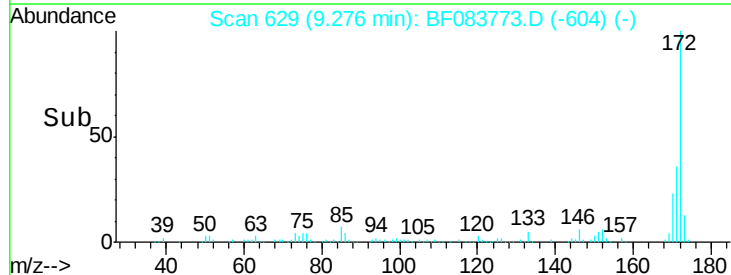
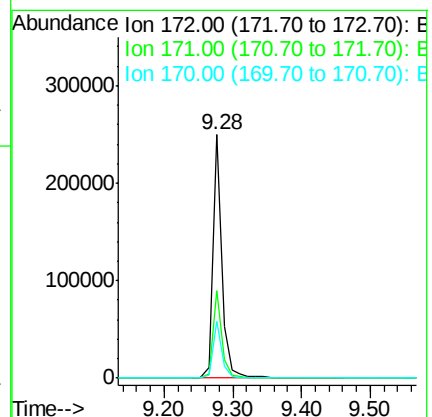
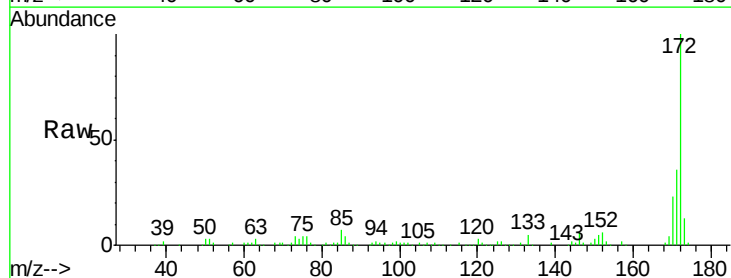
Instrument :
 BNA_F
 ClientSampleId :
 NORTH-SIDEWALL

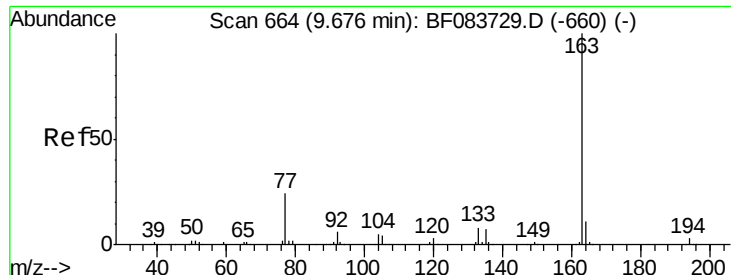
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.8	0.0	0.0#
141	35.5	0.0	0.0#



#44
 2-Fluorobiphenyl
 Concen: 21.22 ng
 RT: 9.28 min Scan# 629
 Delta R.T. -0.01 min
 Lab File: BF083773.D
 Acq: 14 Dec 2015 12:05

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.6	42.8
170	23.3	19.4	29.0





#49

Dimethylphthalate

Concen: 4.83 ng

RT: 9.66 min Scan# 663

Delta R.T. -0.02 min

Lab File: BF083773.D

Acq: 14 Dec 2015 12:05

Instrument :

BNA_F

ClientSampleId :

NORTH-SIDEWALL

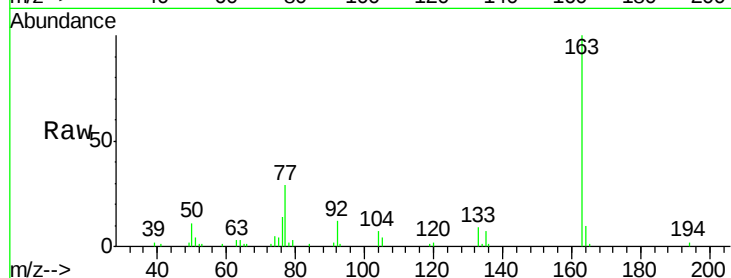
Tot Ion:163 Resp: 50173

Ion Ratio Lower Upper

163 100

194 2.4 2.8 4.2#

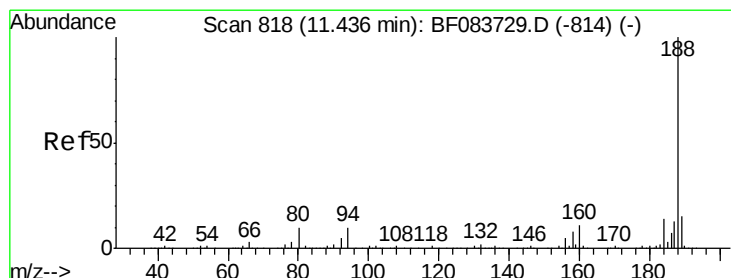
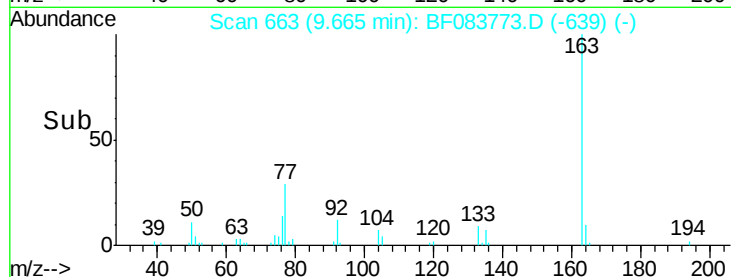
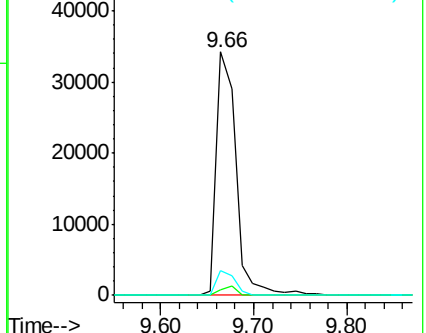
164 10.2 8.6 13.0



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: 11.44 min Scan# 818

Delta R.T. -0.01 min

Lab File: BF083773.D

Acq: 14 Dec 2015 12:05

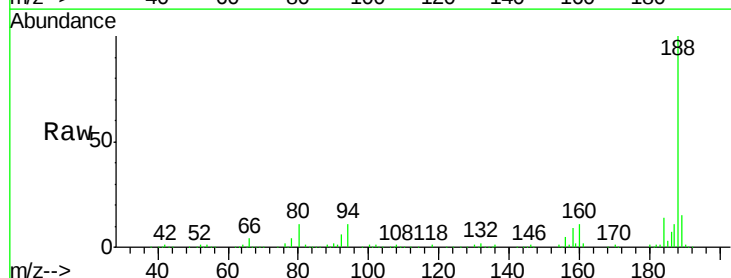
Tgt Ion:188 Resp: 245120

Ion Ratio Lower Upper

188 100

94 11.0 9.4 14.2

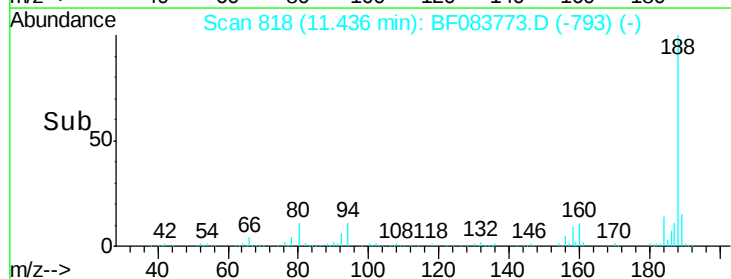
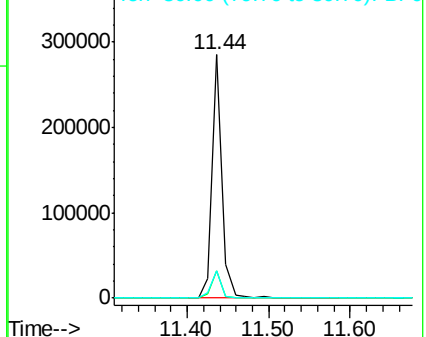
80 11.4 10.6 16.0

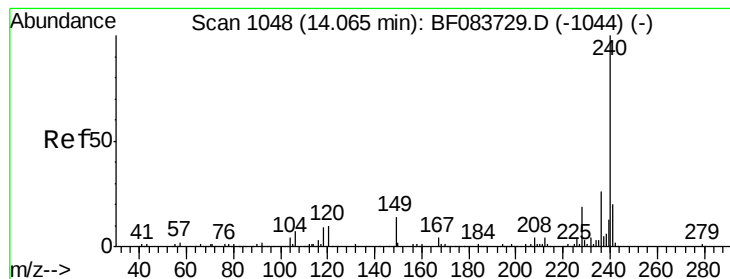


Abundance Ion 188.00 (187.70 to 188.70): E

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: 14.07 min Scan# 1048

Delta R.T. -0.01 min

Lab File: BF083773.D

Acq: 14 Dec 2015 12:05

Instrument :

BNA_F

ClientSampleId :

NORTH-SIDEWALL

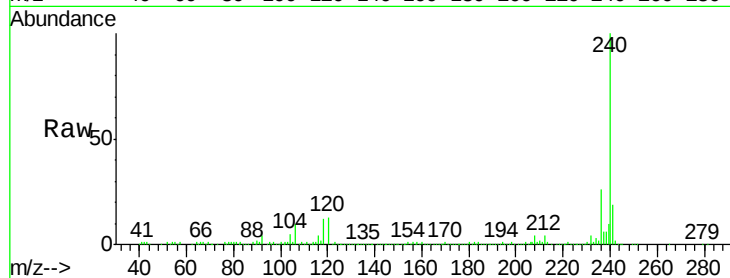
Tot Ion:240 Resp: 233507

Ion Ratio Lower Upper

240 100

120 13.3 8.1 12.1#

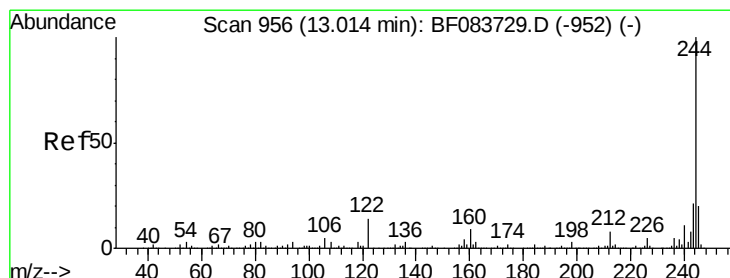
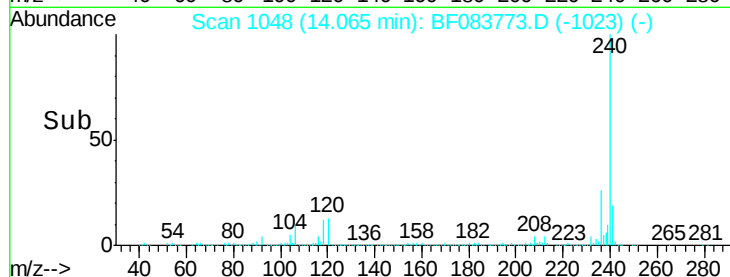
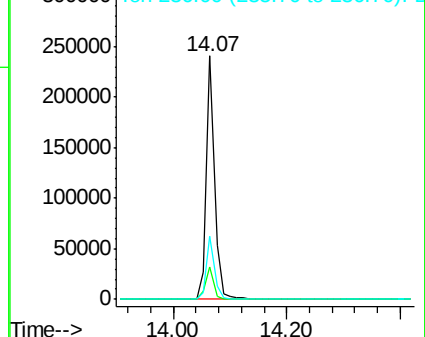
236 25.8 20.8 31.2



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: 17.40 ng

RT: 13.01 min Scan# 956

Delta R.T. -0.01 min

Lab File: BF083773.D

Acq: 14 Dec 2015 12:05

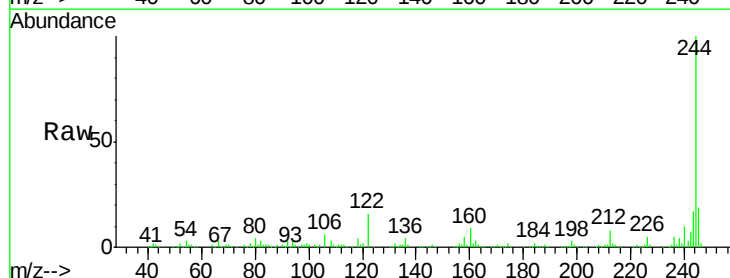
Tgt Ion:244 Resp: 188854

Ion Ratio Lower Upper

244 100

212 7.6 6.1 9.1

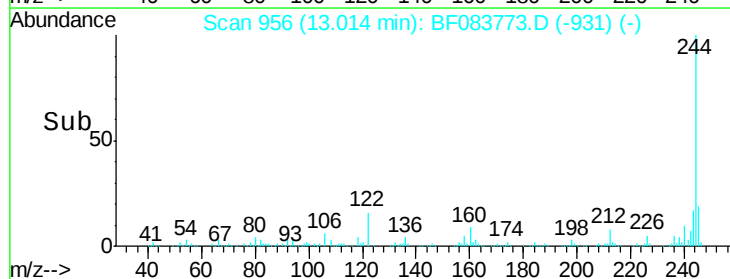
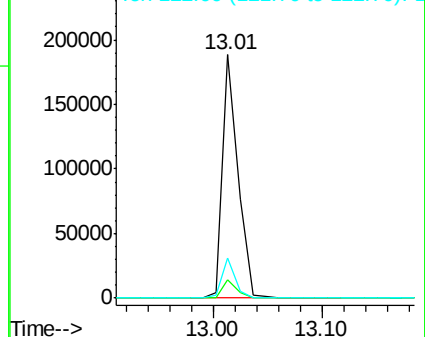
122 16.5 11.0 16.6

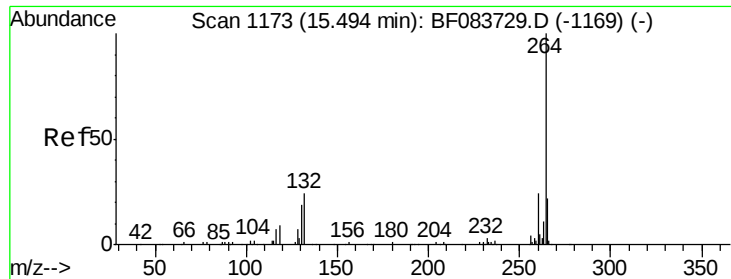


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.51 min Scan# 1174
Delta R.T. 0.00 min
Lab File: BF083773.D
Acq: 14 Dec 2015 12:05

Instrument :
BNA_F
ClientSampleId :
NORTH-SIDEWALL

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.4	29.0
265	21.4	17.8	26.6

