

Data Path : V:\HPCHEM1\BNA F\DATA\BF121515\
 Data File : BF083811.D
 Acq On : 15 Dec 2015 11:30
 Operator : UM/IZ
 Sample : G4743-03RE
 Misc :
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WESTWALL-8RE

Quant Time: Dec 16 01:09:29 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

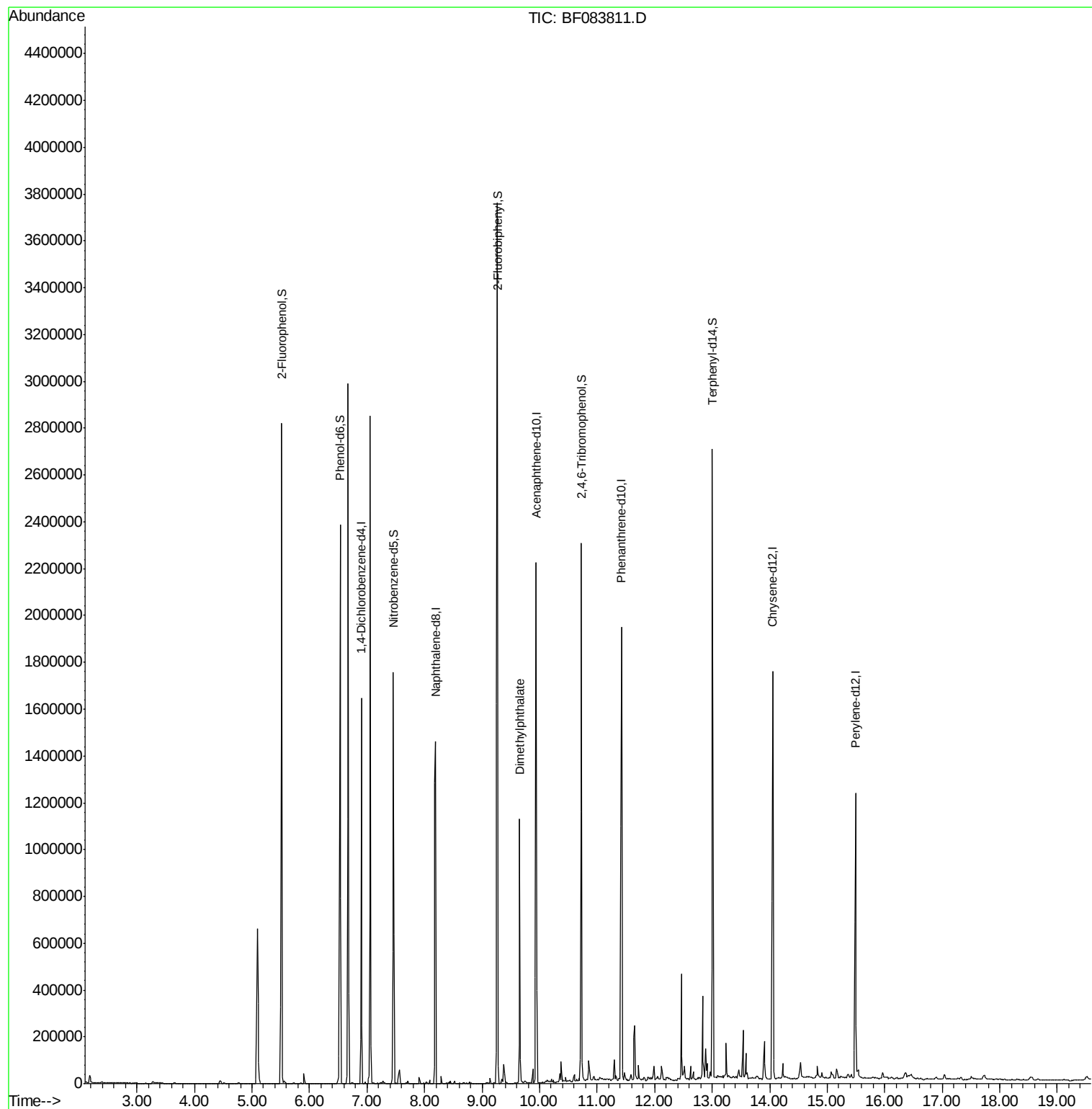
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	233139	20.00	ng	-0.02
21) Naphthalene-d8	8.19	136	976026	20.00	ng	-0.02
38) Acenaphthene-d10	9.94	164	442383	20.00	ng	-0.02
63) Phenanthrene-d10	11.42	188	833002	20.00	ng	-0.02
75) Chrysene-d12	14.05	240	630876	20.00	ng	-0.02
86) Perylene-d12	15.49	264	545456	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	965723	66.83	ng	-0.01
7) Phenol-d6	6.53	99	1117511	61.06	ng	-0.01
23) Nitrobenzene-d5	7.46	82	707219	40.54	ng	-0.02
41) 2,4,6-Tribromophenol	10.73	330	312575	69.34	ng	-0.02
44) 2-Fluorobiphenyl	9.26	172	1251210	35.50	ng	-0.02
78) Terphenyl-d14	13.00	244	1020302	34.79	ng	-0.02
Target Compounds						Qvalue
49) Dimethylphthalate	9.65	163	428506	12.42	ng	99

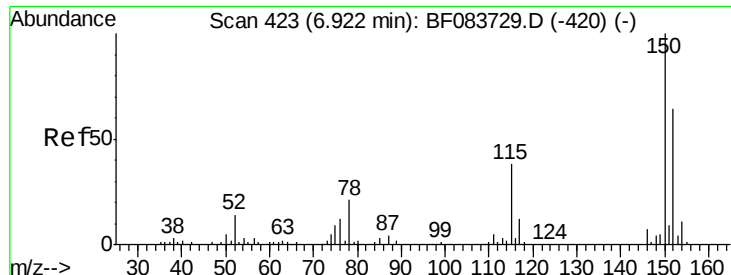
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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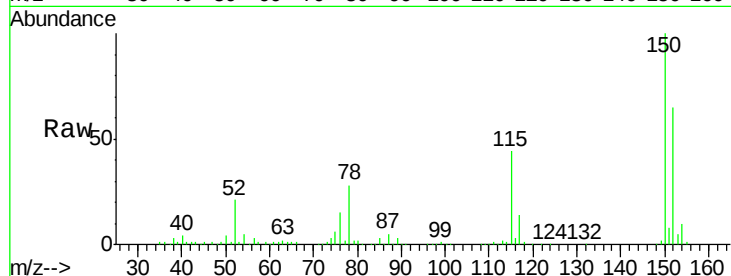


#1

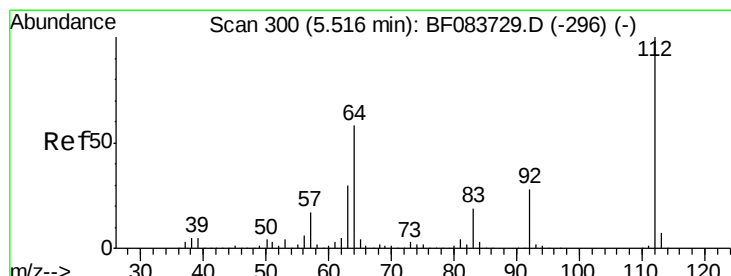
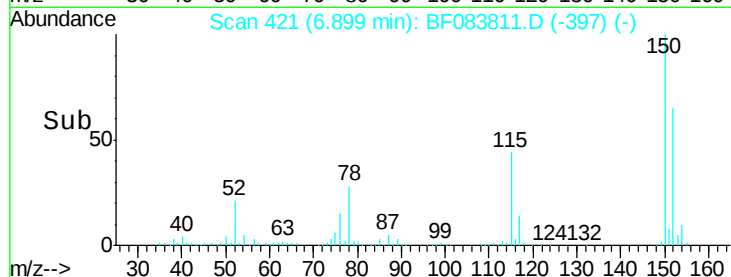
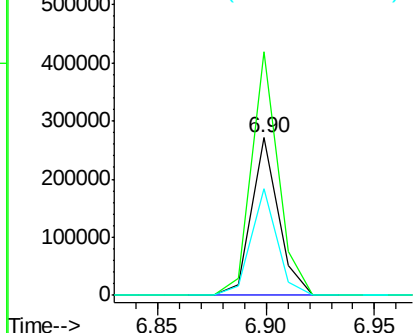
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.90 min Scan# 421
Delta R.T. -0.02 min
Lab File: BF083811.D
Acq: 15 Dec 2015 11:30

Instrument :
BNA_F
ClientSampleId :
WESTWALL-8RE

Tot Ion:152 Resp: 233139
Ion Ratio Lower Upper
152 100
150 154.5 126.5 189.7
115 67.5 52.3 78.5



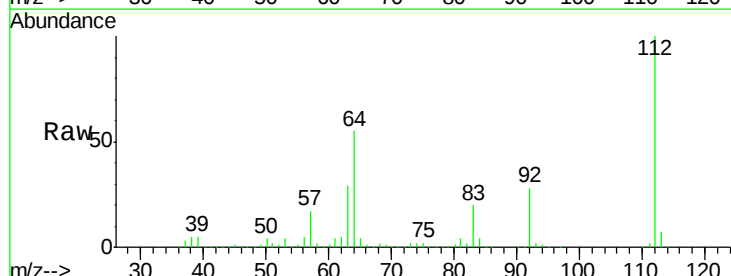
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



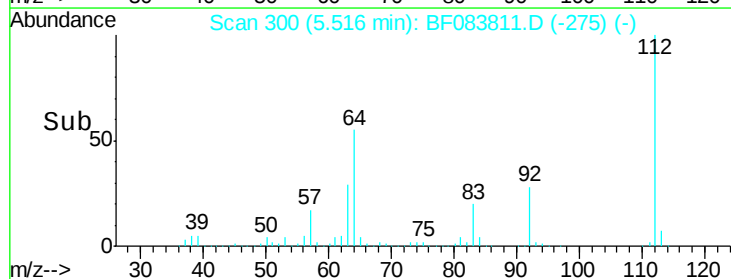
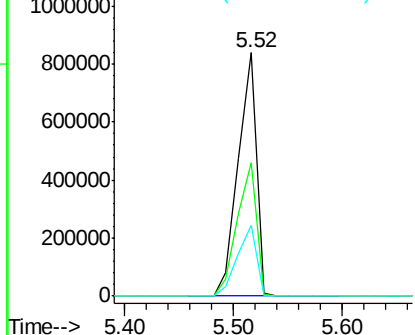
#5

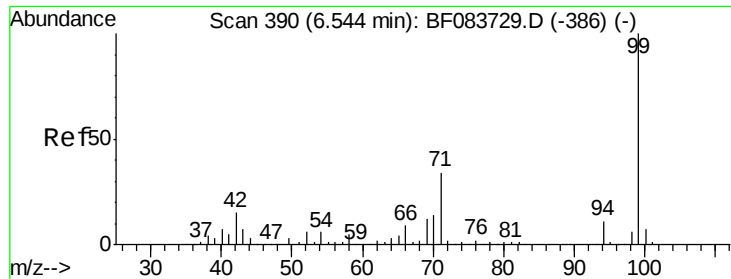
2-Fluorophenol
Concen: 66.83 ng
RT: 5.52 min Scan# 300
Delta R.T. -0.01 min
Lab File: BF083811.D
Acq: 15 Dec 2015 11:30

Tgt Ion:112 Resp: 965723
Ion Ratio Lower Upper
112 100
64 55.1 50.5 75.7
63 28.9 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: 61.06 ng

RT: 6.53 min Scan# 389

Delta R.T. -0.01 min

Lab File: BF083811.D

Acq: 15 Dec 2015 11:30

Instrument :

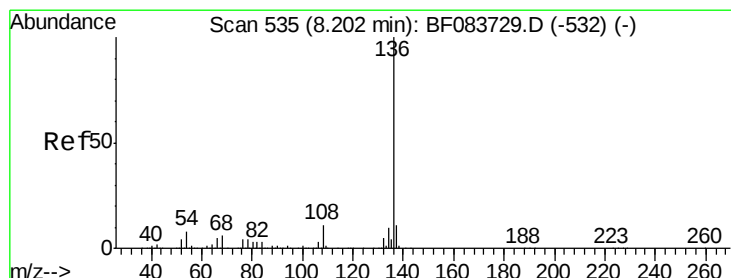
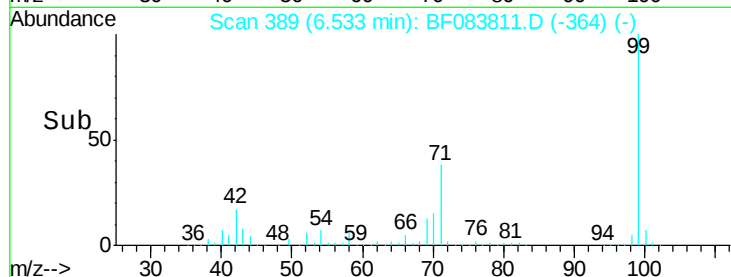
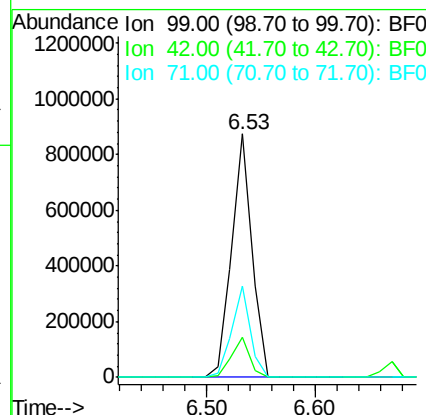
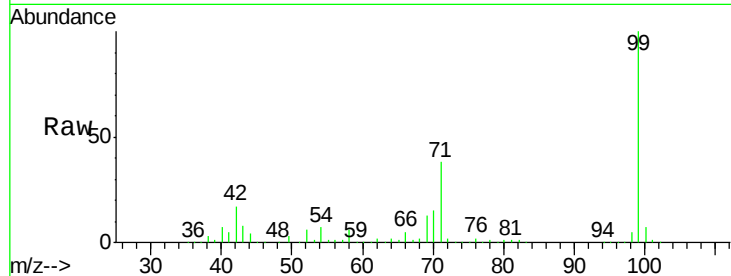
BNA_F

ClientSampleId :

WESTWALL-8RE

Tot Ion: 99 Resp: 1117511

Ion	Ratio	Lower	Upper
99	100		
42	16.7	17.3	25.9#
71	37.5	26.6	40.0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.19 min Scan# 534

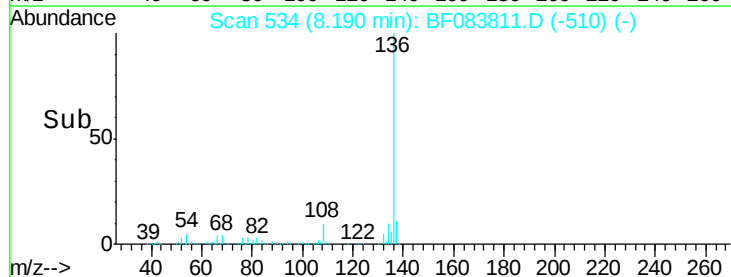
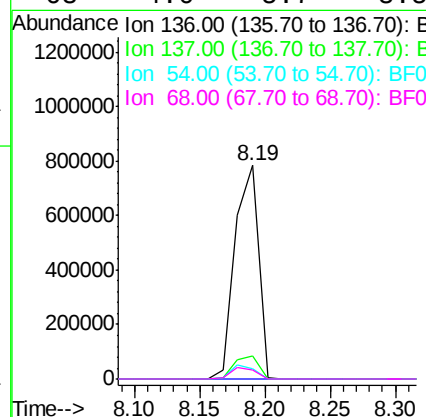
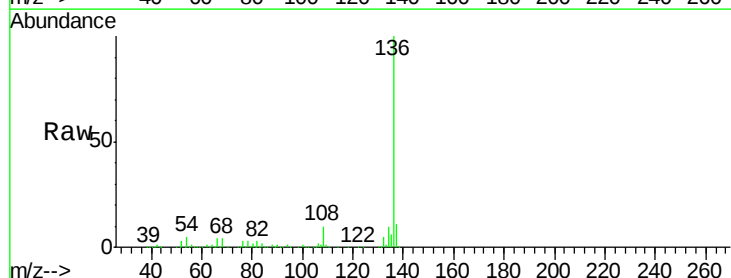
Delta R.T. -0.02 min

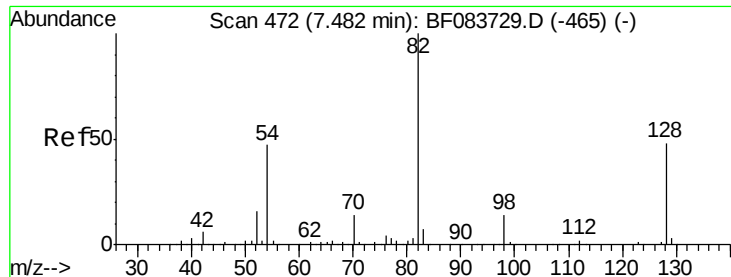
Lab File: BF083811.D

Acq: 15 Dec 2015 11:30

Tgt Ion: 136 Resp: 976026

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	4.7	7.8	11.6#
68	4.0	5.7	8.5#

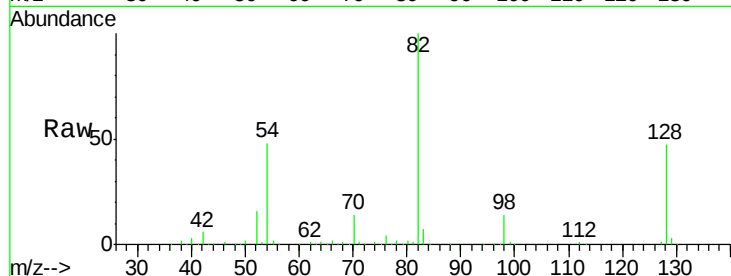




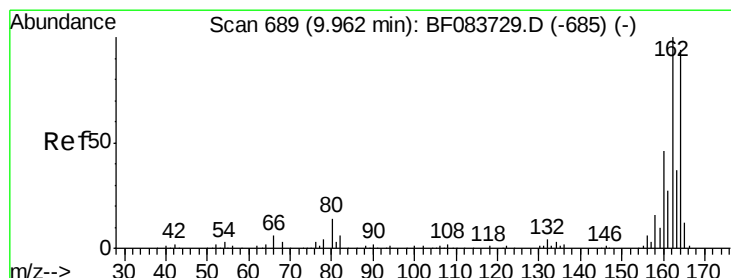
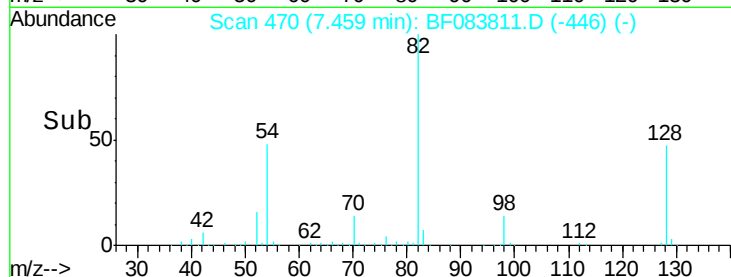
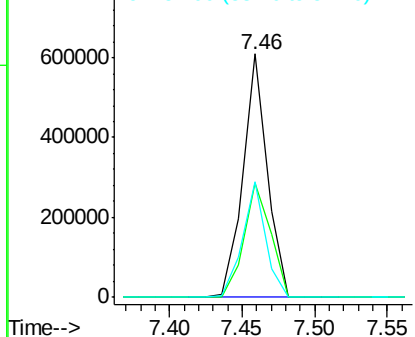
#23
Nitrobenzene-d5
Concen: 40.54 ng
RT: 7.46 min Scan# 470
Delta R.T. -0.02 min
Lab File: BF083811.D
Acq: 15 Dec 2015 11:30

Instrument :
BNA_F
ClientSampleId :
WESTWALL-8RE

Tot Ion: 82 Resp: 707219
Ion Ratio Lower Upper
82 100
128 46.7 30.7 46.1#
54 47.5 42.5 63.7

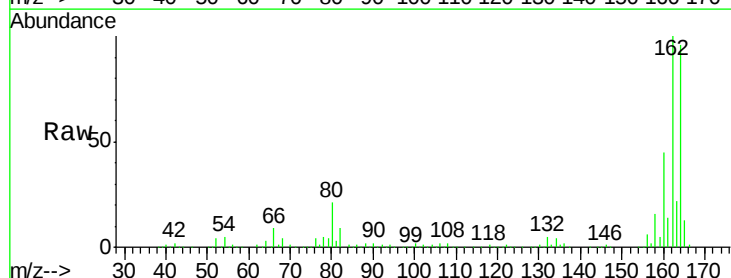


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

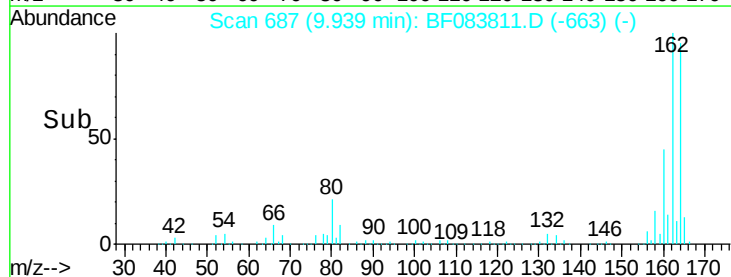
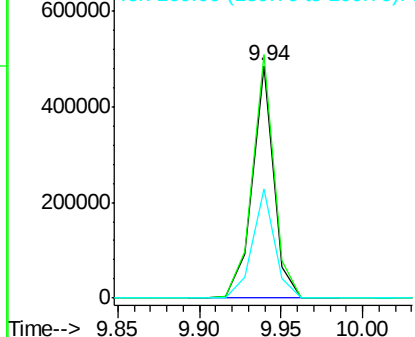


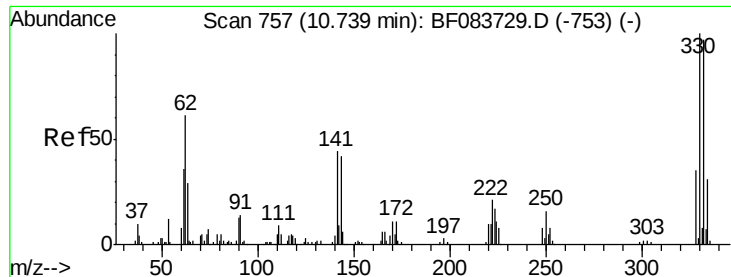
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.94 min Scan# 687
Delta R.T. -0.02 min
Lab File: BF083811.D
Acq: 15 Dec 2015 11:30

Tgt Ion:164 Resp: 442383
Ion Ratio Lower Upper
164 100
162 104.7 78.8 118.2
160 47.1 33.4 50.2



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

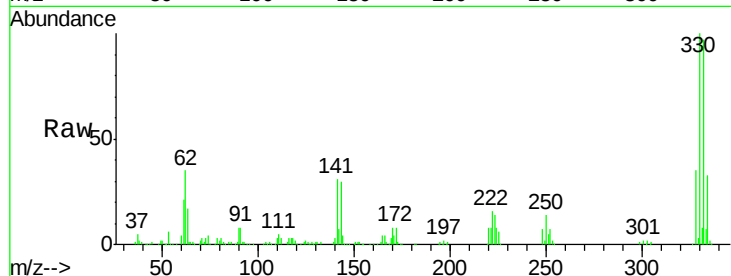




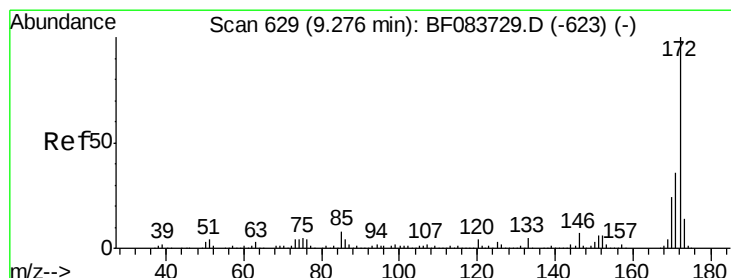
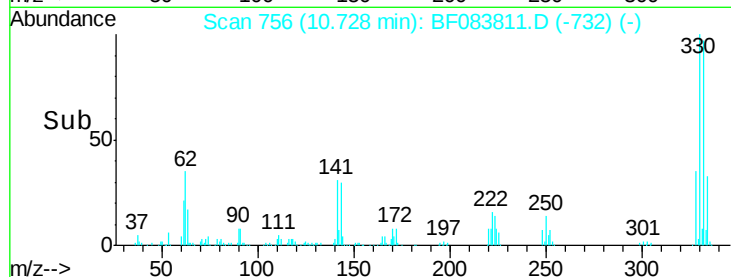
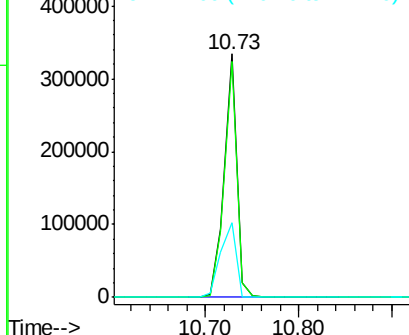
#41
 2,4,6-Tribromophenol
 Concen: 69.34 ng
 RT: 10.73 min Scan# 756
 Delta R.T. -0.02 min
 Lab File: BF083811.D
 Acq: 15 Dec 2015 11:30

Instrument :
 BNA_F
 ClientSampleId :
 WESTWALL-8RE

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.9	0.0	0.0#
141	37.9	0.0	0.0#

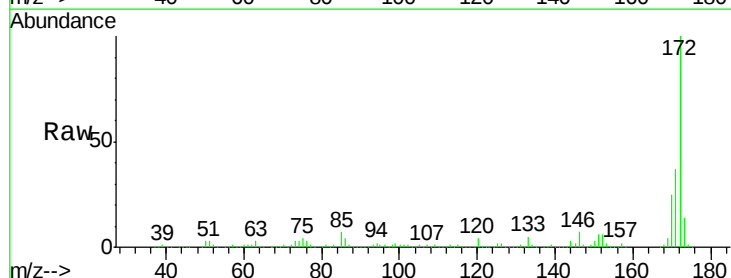


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

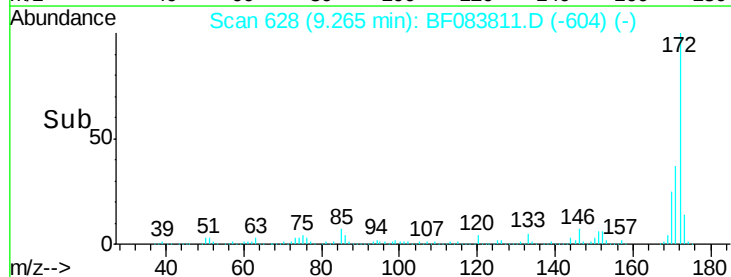
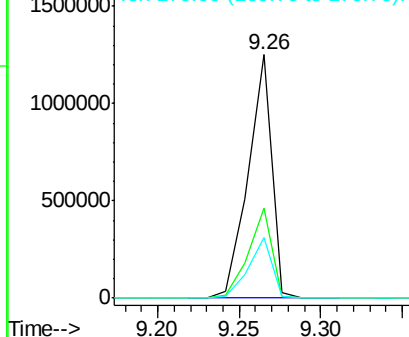


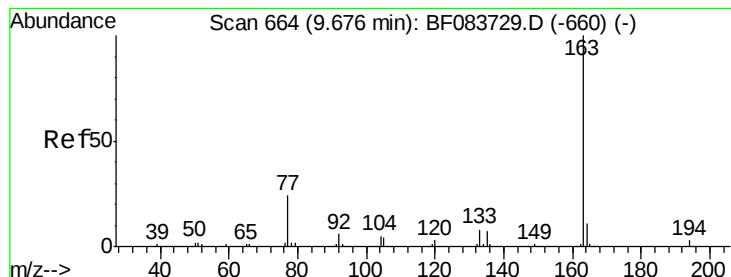
#44
 2-Fluorobiphenyl
 Concen: 35.50 ng
 RT: 9.26 min Scan# 628
 Delta R.T. -0.02 min
 Lab File: BF083811.D
 Acq: 15 Dec 2015 11:30

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.2	28.6	42.8
170	24.8	19.4	29.0



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: 12.42 ng

RT: 9.65 min Scan# 662

Delta R.T. -0.03 min

Lab File: BF083811.D

Acq: 15 Dec 2015 11:30

Instrument :

BNA_F

ClientSampleId :

WESTWALL-8RE

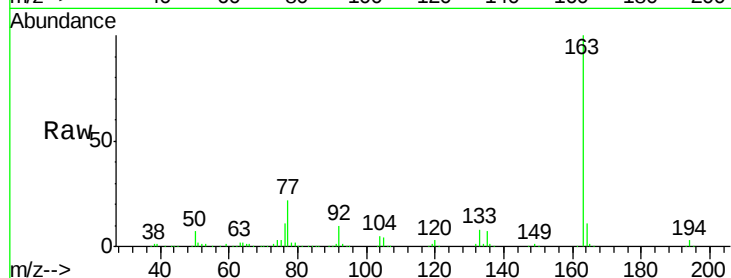
Tot Ion:163 Resp: 428506

Ion Ratio Lower Upper

163 100

194 3.2 2.8 4.2

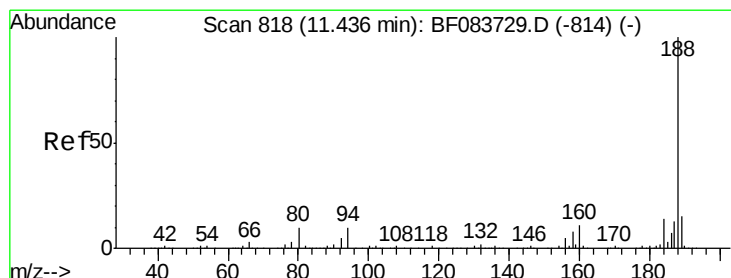
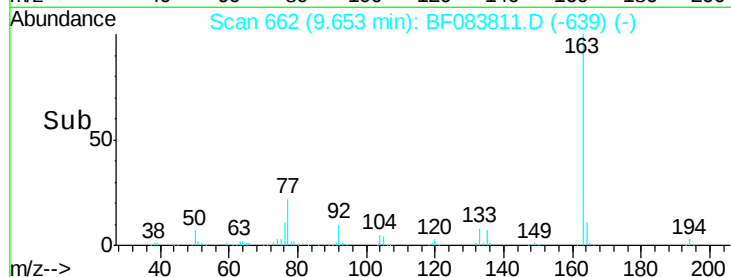
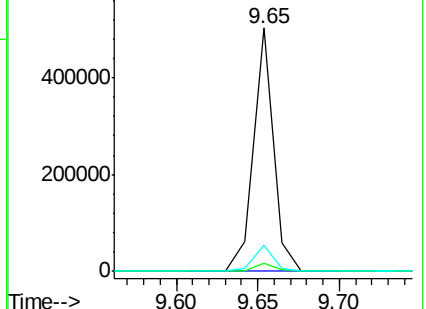
164 10.5 8.6 13.0



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: 11.42 min Scan# 817

Delta R.T. -0.02 min

Lab File: BF083811.D

Acq: 15 Dec 2015 11:30

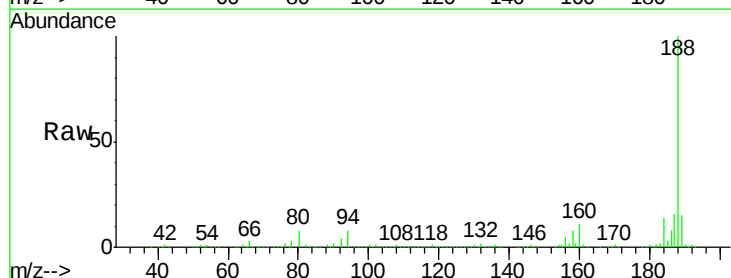
Tgt Ion:188 Resp: 833002

Ion Ratio Lower Upper

188 100

94 7.8 9.4 14.2#

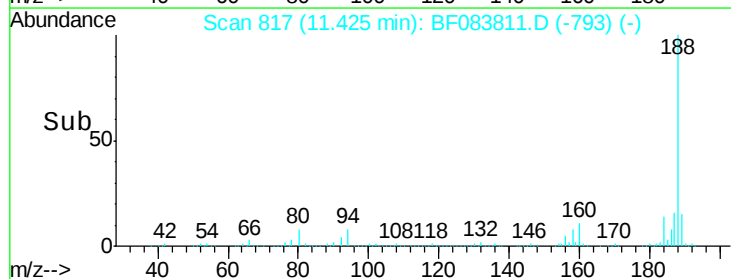
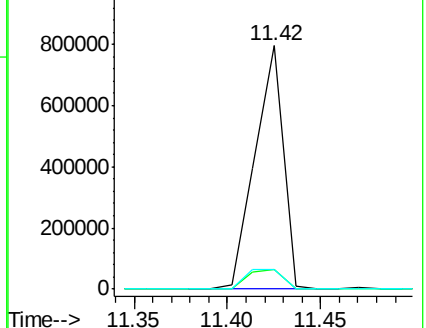
80 8.0 10.6 16.0#

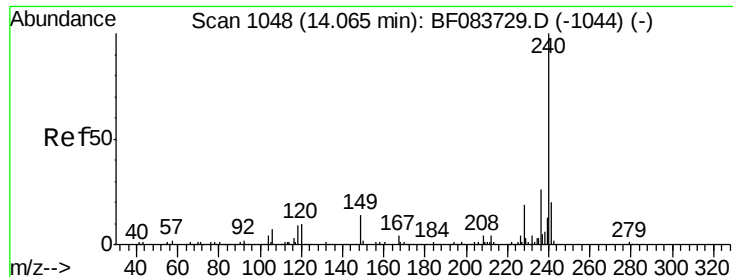


Abundance Ion 188.00 (187.70 to 188.70): E

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: 14.05 min Scan# 1047

Delta R.T. -0.02 min

Lab File: BF083811.D

Acq: 15 Dec 2015 11:30

Instrument :

BNA_F

ClientSampleId :

WESTWALL-8RE

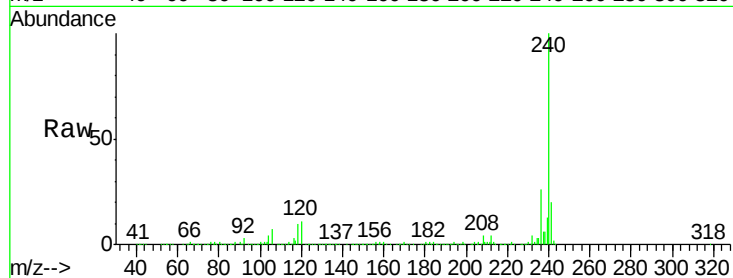
Tot Ion:240 Resp: 630876

Ion Ratio Lower Upper

240 100

120 11.0 8.1 12.1

236 26.2 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

14.05

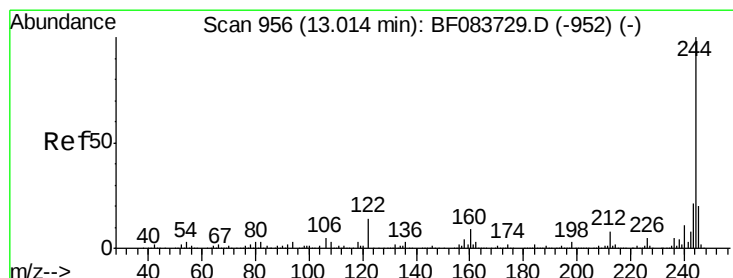
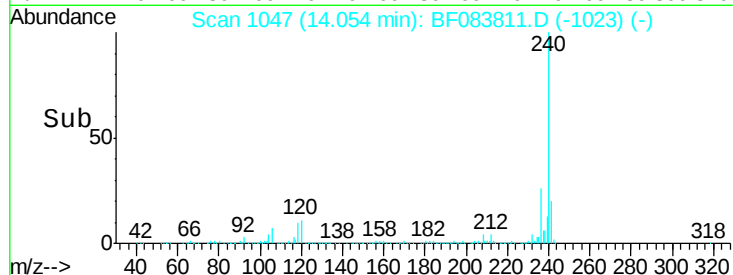
600000

400000

200000

0

Time--> 13.90 14.00 14.10 14.20



#78

Terphenyl-d14

Concen: 34.79 ng

RT: 13.00 min Scan# 955

Delta R.T. -0.02 min

Lab File: BF083811.D

Acq: 15 Dec 2015 11:30

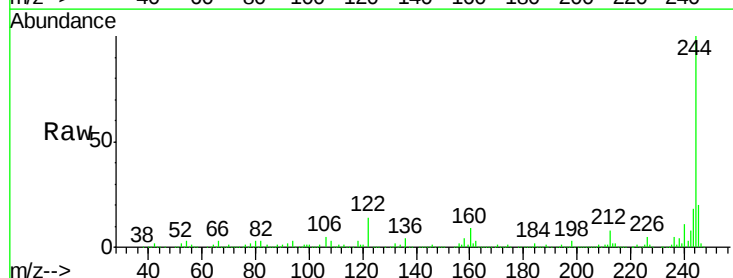
Tgt Ion:244 Resp: 1020302

Ion Ratio Lower Upper

244 100

212 7.7 6.1 9.1

122 14.4 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

13.00

1000000

800000

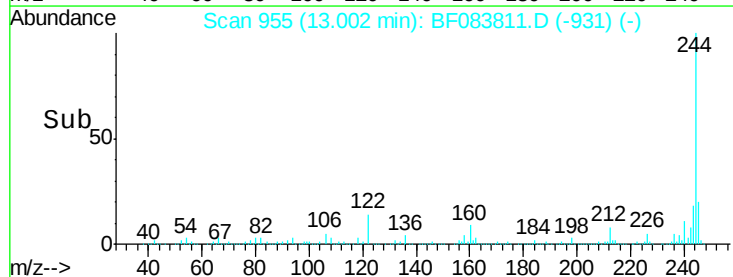
600000

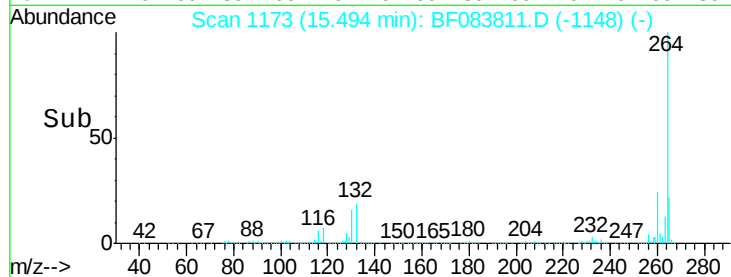
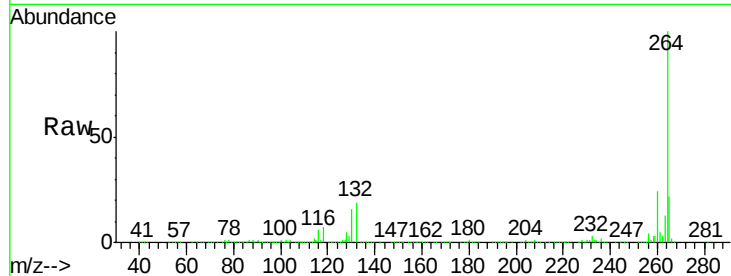
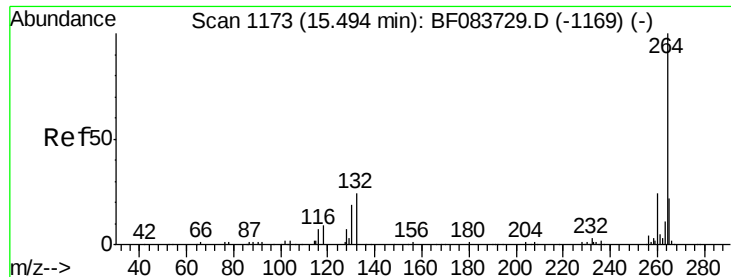
400000

200000

0

Time--> 12.90 13.00 13.10 13.20





#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.49 min Scan# 1173
Delta R.T. -0.01 min
Lab File: BF083811.D
Acq: 15 Dec 2015 11:30

Instrument :
BNA_F
ClientSampleId :
WESTWALL-8RE

Tot Ion:	264	Resp:	545456
Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.4	29.0
265	21.9	17.8	26.6

