

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120915\
 Data File : BF083649.D
 Acq On : 9 Dec 2015 20:01
 Operator : UM/IZ
 Sample : G4691-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NC-HC-005

Quant Time: Dec 10 03:16:30 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 09 00:23:35 2015
 Response via : Initial Calibration

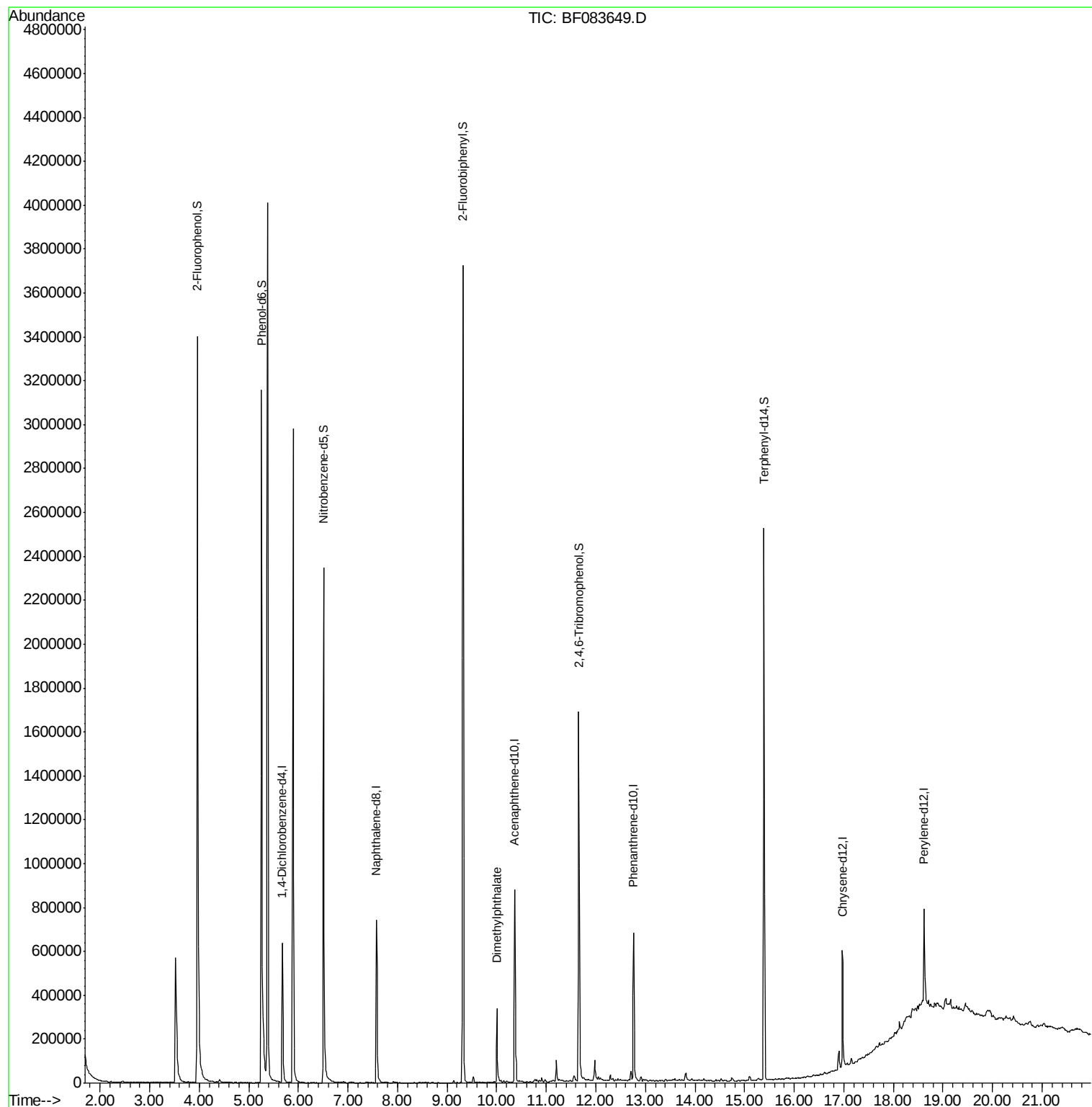
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.68	152	132245	20.00	ng	-0.02
21) Naphthalene-d8	7.57	136	513946	20.00	ng	-0.03
38) Acenaphthene-d10	10.36	164	234513	20.00	ng	-0.02
63) Phenanthrene-d10	12.76	188	373465	20.00	ng	-0.02
75) Chrysene-d12	16.98	240	298167	20.00	ng	-0.01
86) Perylene-d12	18.61	264	252292	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	3.96	112	1365963	156.66	ng	-0.01
7) Phenol-d6	5.25	99	1903419	163.38	ng	-0.02
23) Nitrobenzene-d5	6.51	82	1165708	105.83	ng	-0.02
41) 2,4,6-Tribromophenol	11.65	330	273388	130.85	ng	-0.03
44) 2-Fluorobiphenyl	9.32	172	1616502	97.01	ng	-0.02
78) Terphenyl-d14	15.39	244	1115726	88.04	ng	-0.02
Target Compounds						
49) Dimethylphthalate	10.01	163	198922	10.66	ng	Qvalue 99

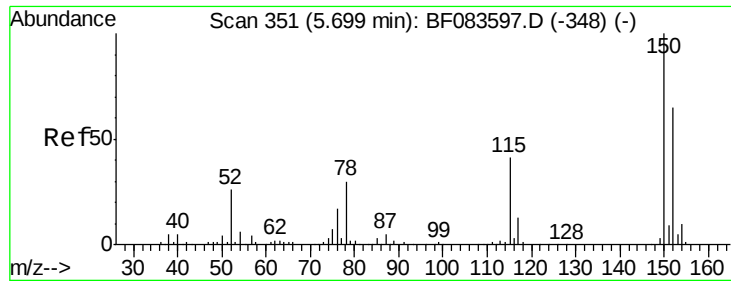
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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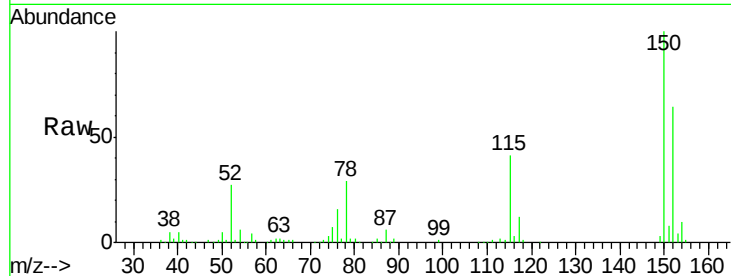


#1

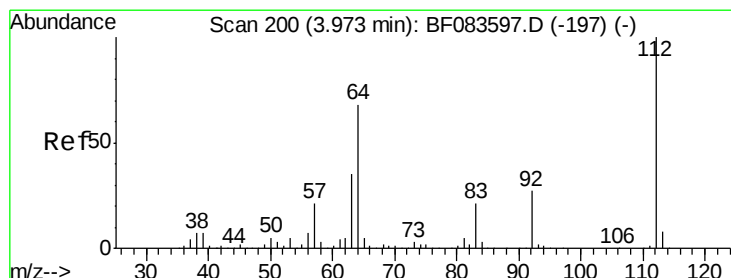
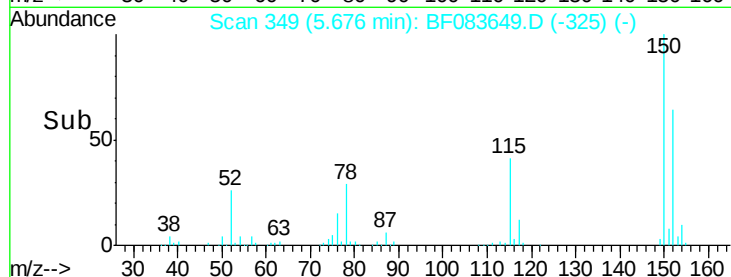
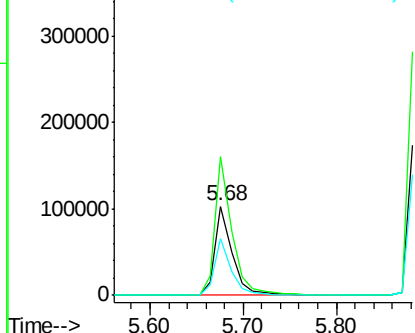
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.68 min Scan# 349
Delta R.T. -0.02 min
Lab File: BF083649.D
Acq: 9 Dec 2015 20:01

Instrument :
BNA_F
ClientSampleId :
NC-HC-005

Tot Ion:152 Resp: 132245
Ion Ratio Lower Upper
152 100
150 156.4 126.5 189.7
115 64.3 52.3 78.5



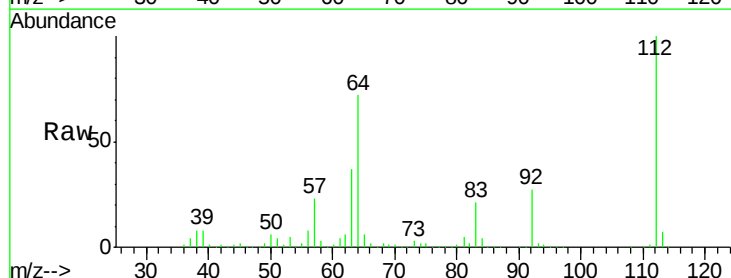
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



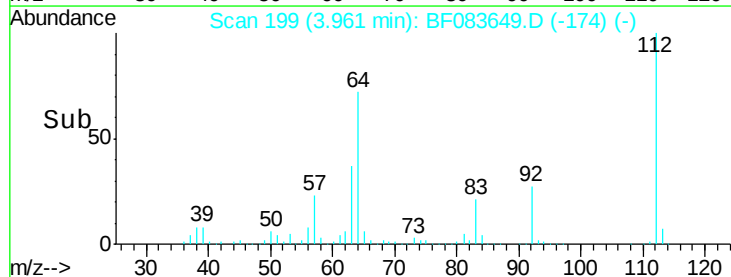
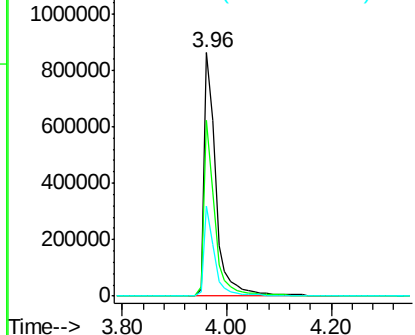
#5

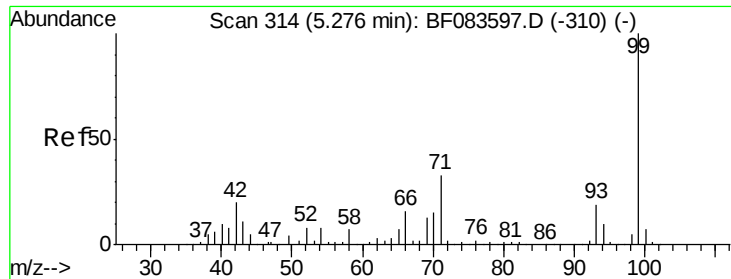
2-Fluorophenol
Concen: 156.66 ng
RT: 3.96 min Scan# 199
Delta R.T. -0.01 min
Lab File: BF083649.D
Acq: 9 Dec 2015 20:01

Tgt Ion:112 Resp: 1365963
Ion Ratio Lower Upper
112 100
64 72.3 50.5 75.7
63 37.1 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: 163.38 ng

RT: 5.25 min Scan# 312

Delta R.T. -0.02 min

Lab File: BF083649.D

Acq: 9 Dec 2015 20:01

Instrument :

BNA_F

ClientSampleId :

NC-HC-005

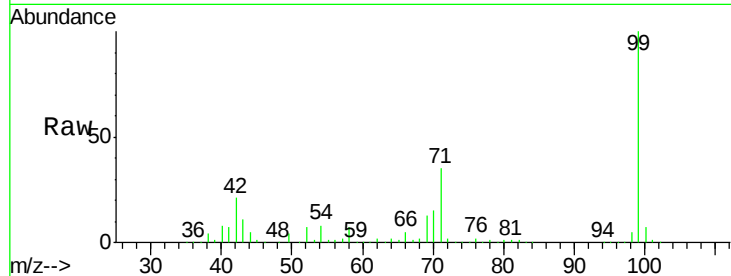
Tot Ion: 99 Resp: 1903419

Ion Ratio Lower Upper

99 100

42 21.1 17.3 25.9

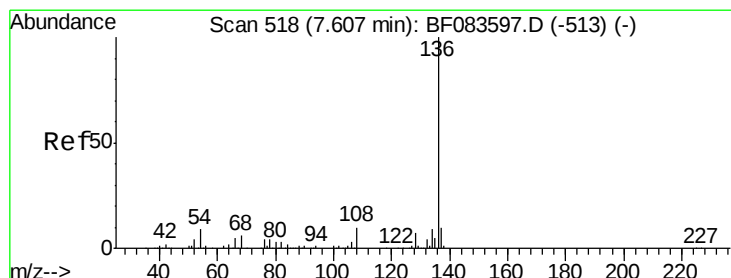
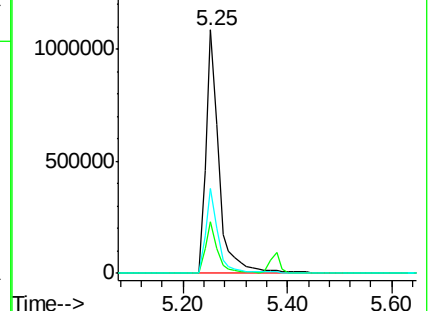
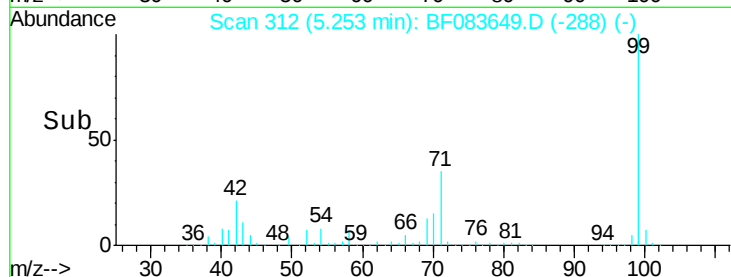
71 34.9 26.6 40.0



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: 7.57 min Scan# 515

Delta R.T. -0.03 min

Lab File: BF083649.D

Acq: 9 Dec 2015 20:01

Tgt Ion: 136 Resp: 513946

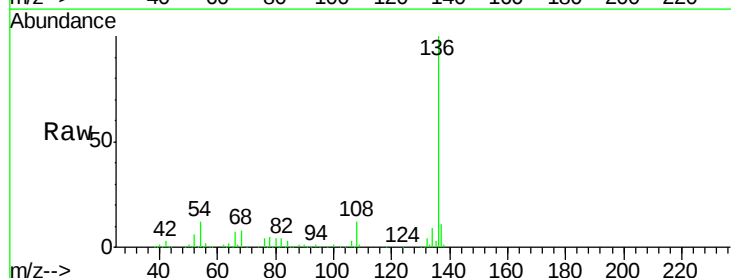
Ion Ratio Lower Upper

136 100

137 11.2 8.7 13.1

54 11.7 7.8 11.6#

68 7.7 5.7 8.5

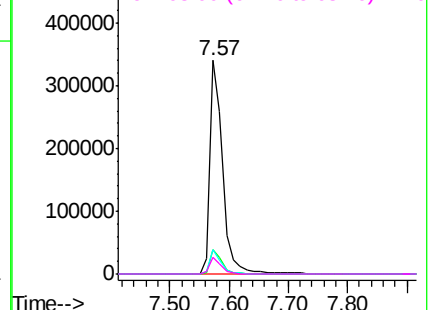
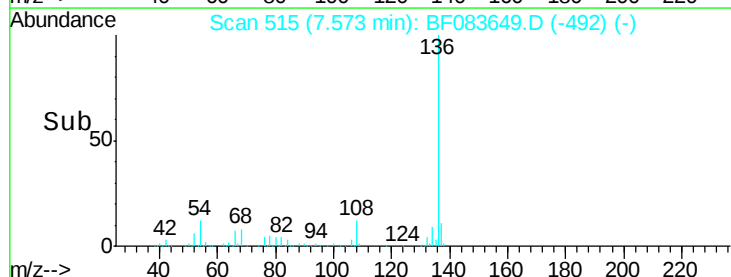


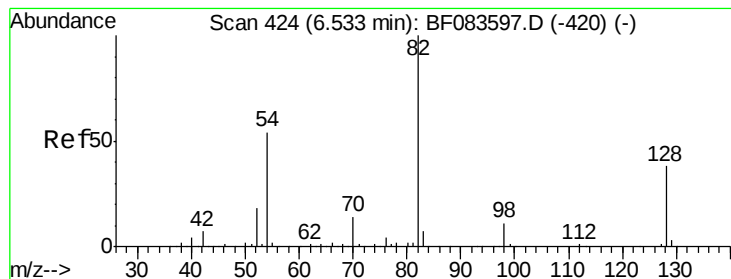
Abundance Ion 136.00 (135.70 to 136.70): E

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: 105.83 ng

RT: 6.51 min Scan# 422

Delta R.T. -0.02 min

Lab File: BF083649.D

Acq: 9 Dec 2015 20:01

Instrument :

BNA_F

ClientSampleId :

NC-HC-005

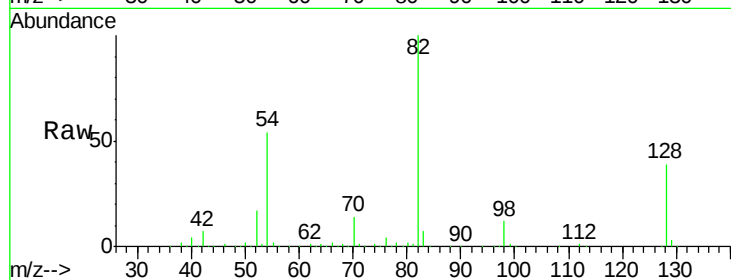
Tot Ion: 82 Resp: 1165708

Ion Ratio Lower Upper

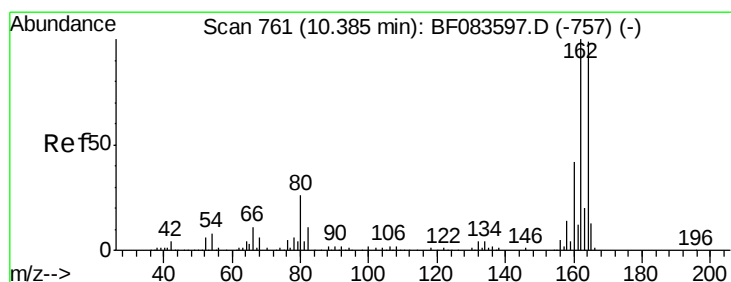
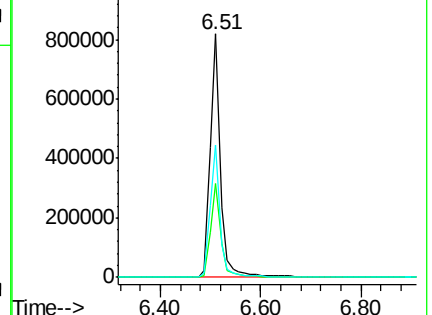
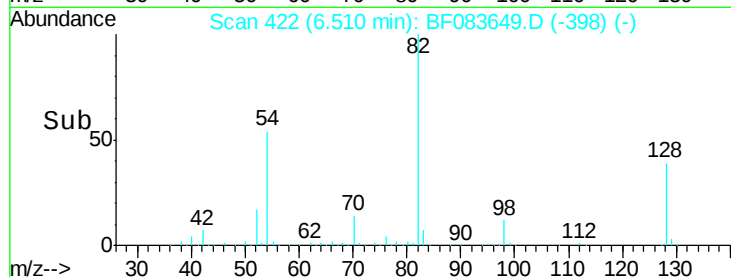
82 100

128 38.8 30.7 46.1

54 54.4 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): B



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.36 min Scan# 759

Delta R.T. -0.02 min

Lab File: BF083649.D

Acq: 9 Dec 2015 20:01

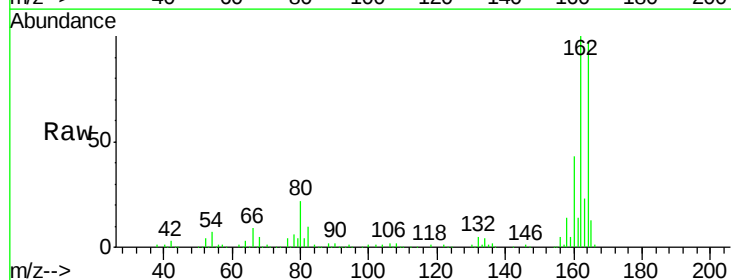
Tgt Ion:164 Resp: 234513

Ion Ratio Lower Upper

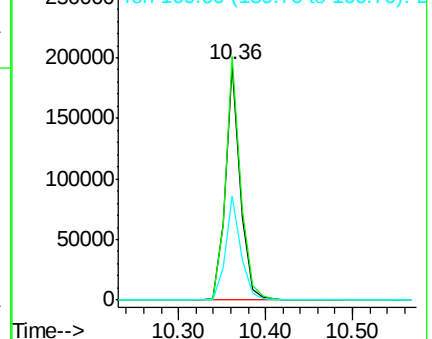
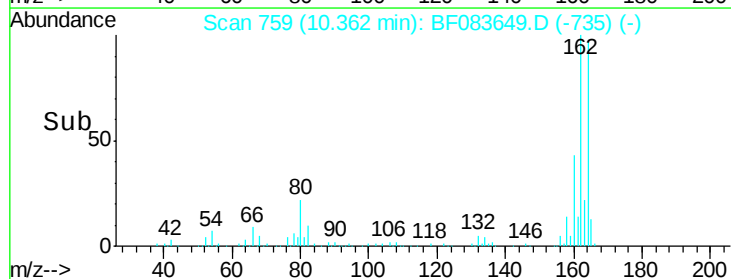
164 100

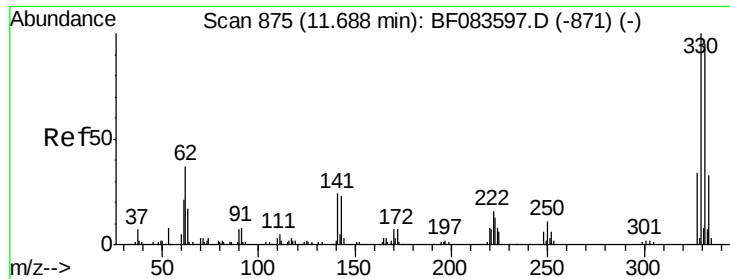
162 103.6 78.8 118.2

160 44.2 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

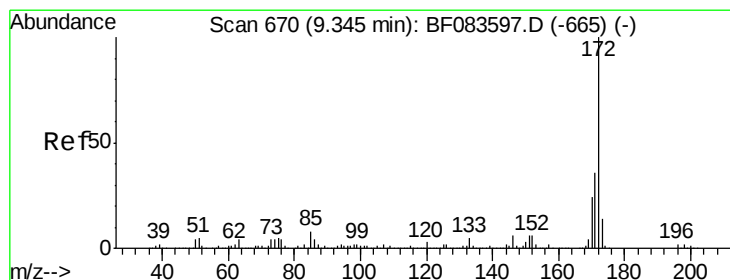
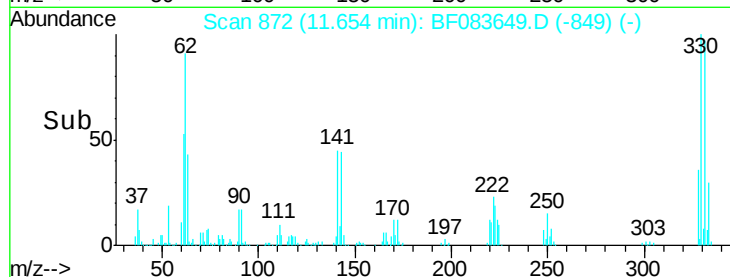
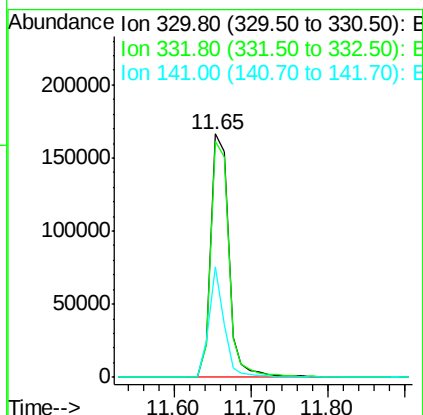
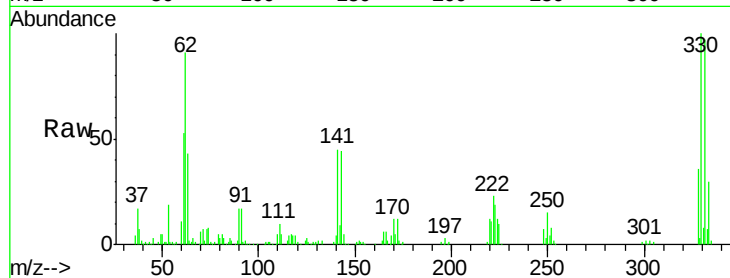




#41
 2,4,6-Tribromophenol
 Concen: 130.85 ng
 RT: 11.65 min Scan# 872
 Delta R.T. -0.03 min
 Lab File: BF083649.D
 Acq: 9 Dec 2015 20:01

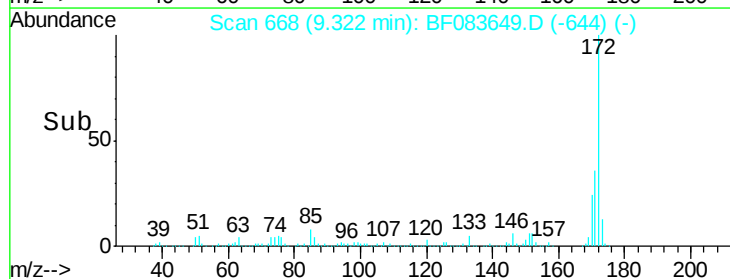
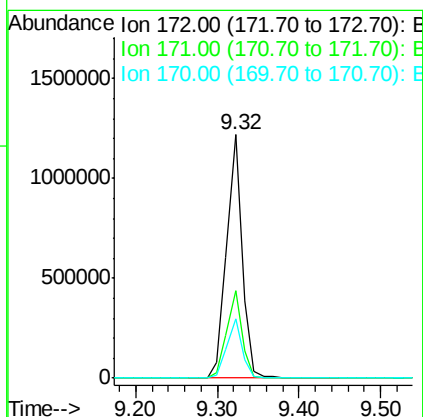
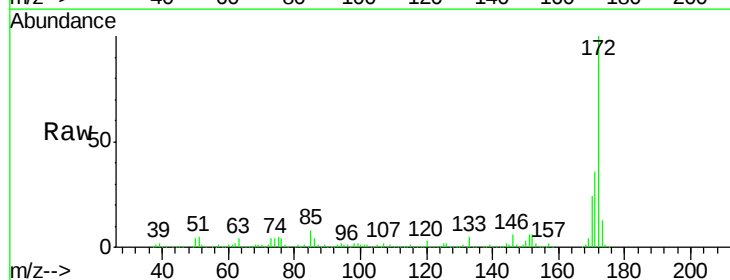
Instrument :
 BNA_F
 ClientSampleId :
 NC-HC-005

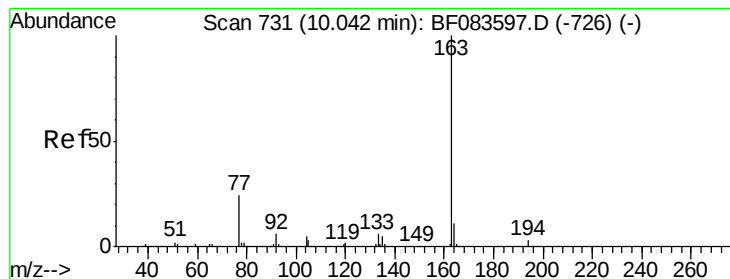
Tot Ion:330 Resp: 273388
 Ion Ratio Lower Upper
 330 100
 332 97.2 0.0 0.0#
 141 38.0 0.0 0.0#



#44
 2-Fluorobiphenyl
 Concen: 97.01 ng
 RT: 9.32 min Scan# 668
 Delta R.T. -0.02 min
 Lab File: BF083649.D
 Acq: 9 Dec 2015 20:01

Tgt Ion:172 Resp: 1616502
 Ion Ratio Lower Upper
 172 100
 171 36.0 28.6 42.8
 170 24.3 19.4 29.0





#49

Dimethylphthalate

Concen: 10.66 ng

RT: 10.01 min Scan# 728

Delta R.T. -0.03 min

Lab File: BF083649.D

Acq: 9 Dec 2015 20:01

Instrument :

BNA_F

ClientSampleId :

NC-HC-005

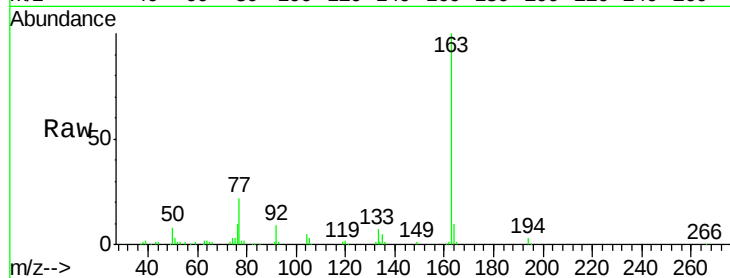
Tot Ion:163 Resp: 198922

Ion Ratio Lower Upper

163 100

194 3.4 2.8 4.2

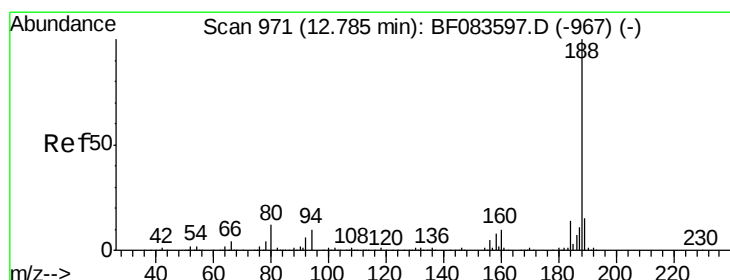
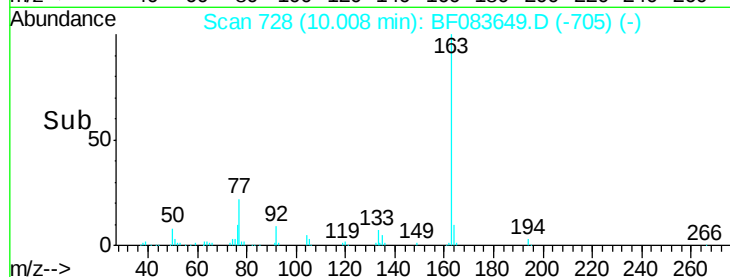
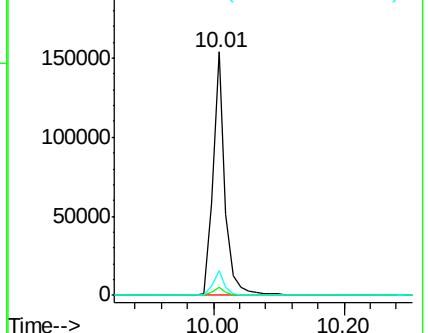
164 10.3 8.6 13.0



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: 12.76 min Scan# 969

Delta R.T. -0.02 min

Lab File: BF083649.D

Acq: 9 Dec 2015 20:01

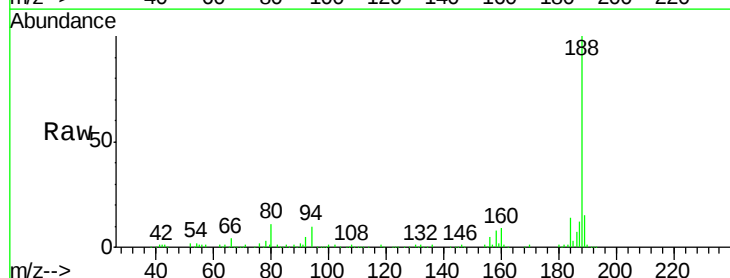
Tgt Ion:188 Resp: 373465

Ion Ratio Lower Upper

188 100

94 9.6 9.4 14.2

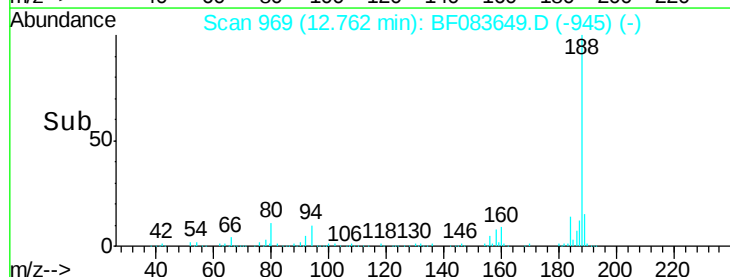
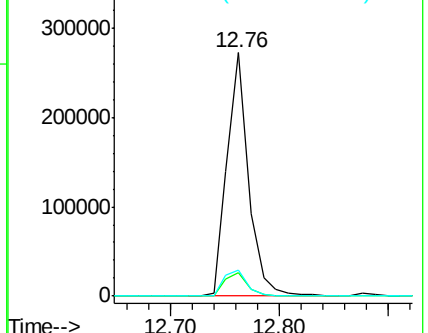
80 10.7 10.6 16.0

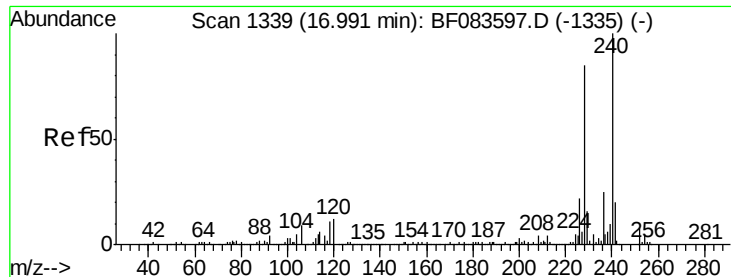


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

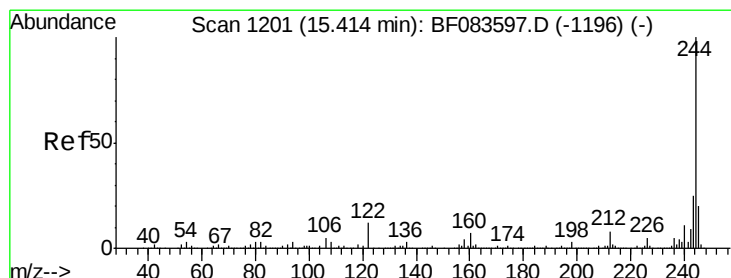
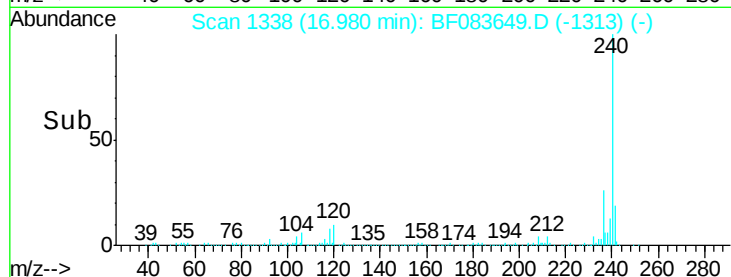
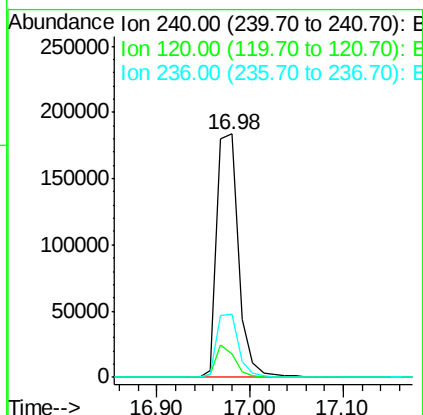
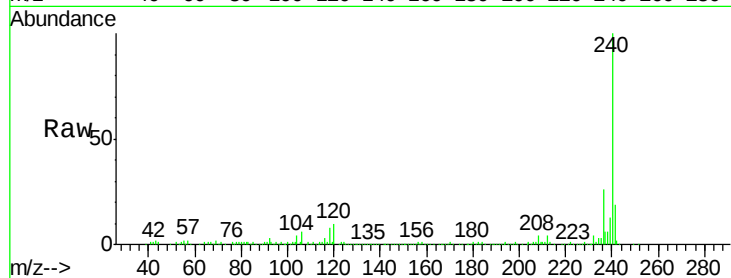




#75
 Chrvsene-d12
 Concen: 20.00 ng
 RT: 16.98 min Scan# 1338
 Delta R.T. -0.01 min
 Lab File: BF083649.D
 Acq: 9 Dec 2015 20:01

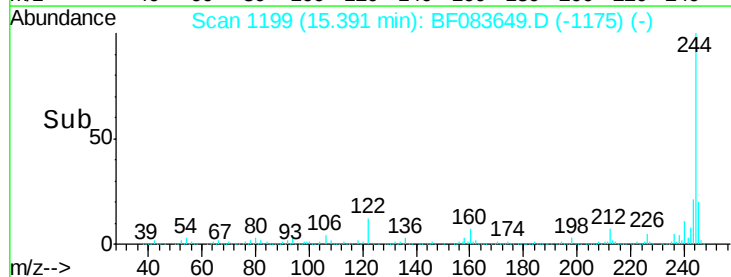
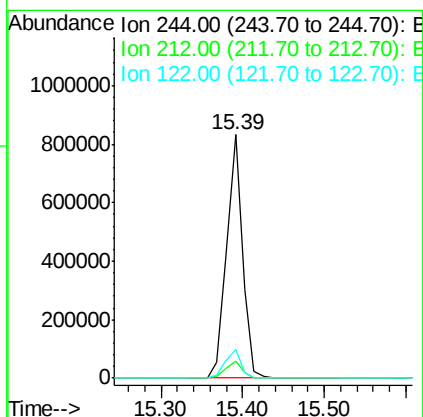
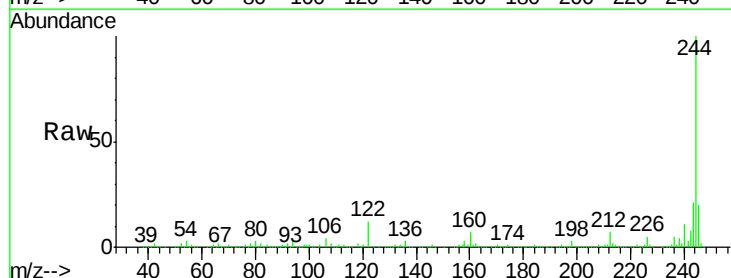
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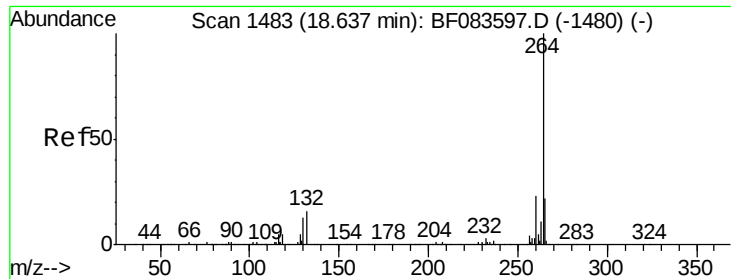
Tot Ion:240 Resp: 298167
 Ion Ratio Lower Upper
 240 100
 120 9.6 8.1 12.1
 236 25.7 20.8 31.2



#78
 Terphenyl-d14
 Concen: 88.04 ng
 RT: 15.39 min Scan# 1199
 Delta R.T. -0.02 min
 Lab File: BF083649.D
 Acq: 9 Dec 2015 20:01

Tgt Ion:244 Resp: 1115726
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.1 9.1
 122 11.9 11.0 16.6





#86
Pervlene-d12
Concen: 20.00 ng
RT: 18.61 min Scan# 1481
Delta R.T. -0.02 min
Lab File: BF083649.D
Acq: 9 Dec 2015 20:01

Instrument :
BNA_F
ClientSampleId :
NC-HC-005

Tot Ion:	264	Resp:	252292
Ion	Ratio	Lower	Upper
264	100		
260	22.5	19.4	29.0
265	22.0	17.8	26.6

