

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 00:38:57 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

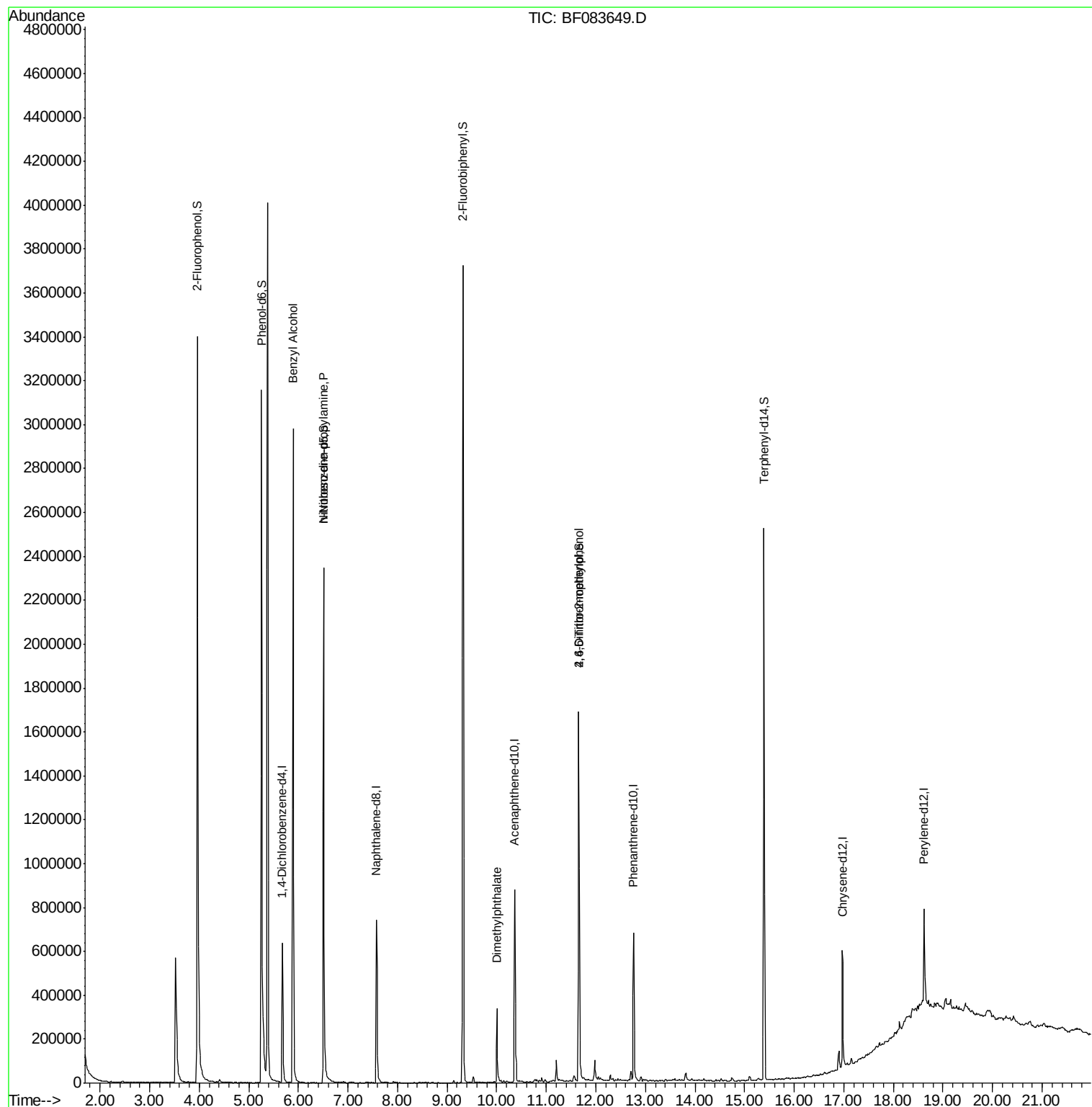
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.68	152	132245	20.00	ng	-0.02
21) Naphthalene-d8	7.57	136	513946	20.00	ng	-0.03
38) Acenaphthene-d10	10.36	164	234513	20.00	ng	-0.02
63) Phenanthrene-d10	12.76	188	373465	20.00	ng	-0.02
75) Chrysene-d12	16.98	240	298167	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						
15) Benzyl Alcohol	5.89	79	19435	2.34	ng	# 52
19) n-Nitroso-di-n-propylamine	6.51	70	149570	18.39	ng	# 80
49) Dimethylphthalate	10.01	163	198922	10.66	ng	99
64) 4,6-Dinitro-2-methylphenol	11.65	198	527	2.15	ng	# 1

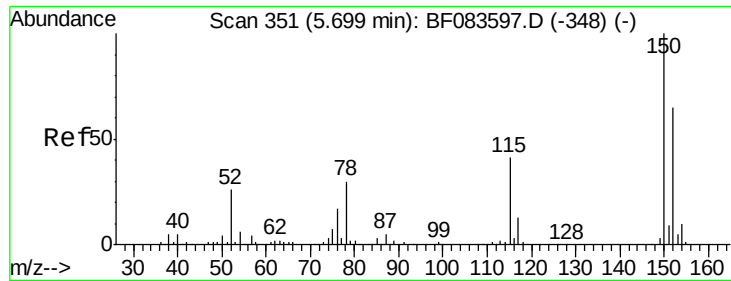
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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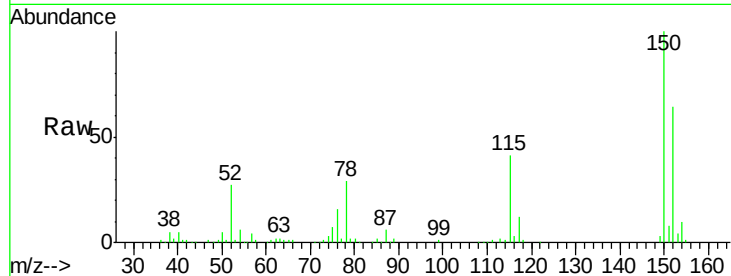


#1

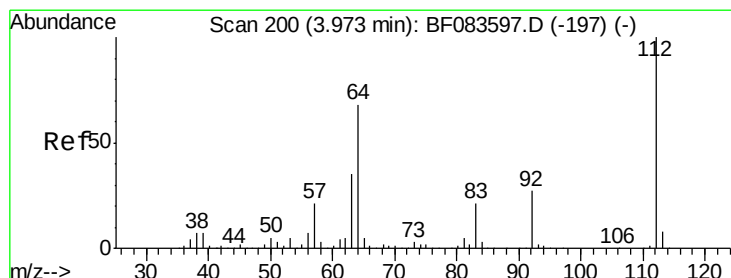
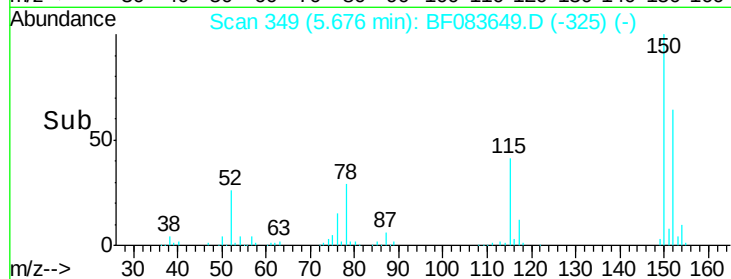
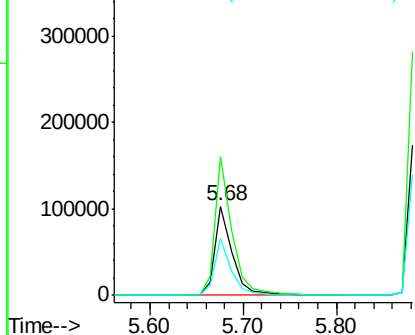
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 5.68 min Scan# 349
 Delta R.T. -0.02 min
 Lab File: BF083649.D
 Acq: 9 Dec 2015 20:01

Instrument :
 BNA_F
 ClientSampleId :
 NC-HC-005

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



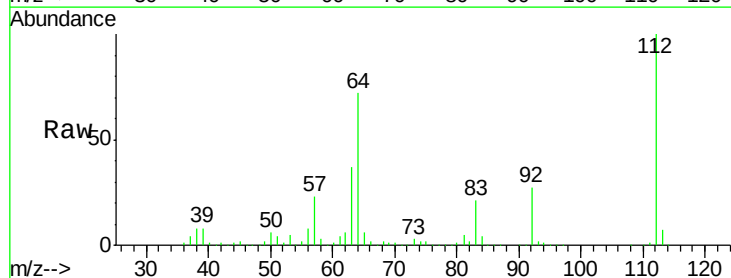
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



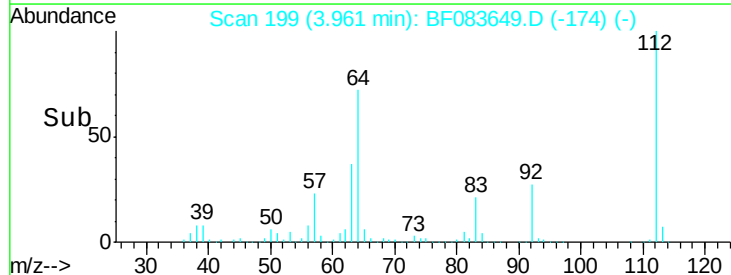
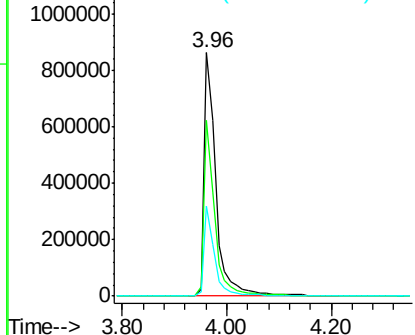
#5

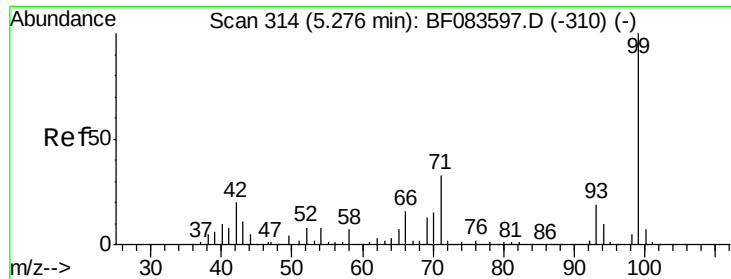
2-Fluorophenol
 Concen: 156.66 ng
 RT: 3.96 min Scan# 199
 Delta R.T. -0.01 min
 Lab File: BF083649.D
 Acq: 9 Dec 2015 20:01

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

ClientSampled :

NC-HC-005

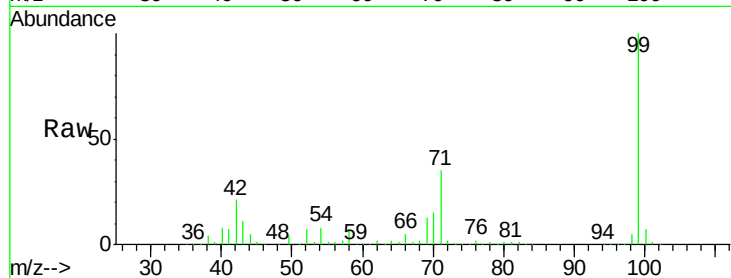
Tgt Ion: 99 Resp: 1903419

Ion Ratio Lower Upper

99 100

42 21.1 17.3 25.9

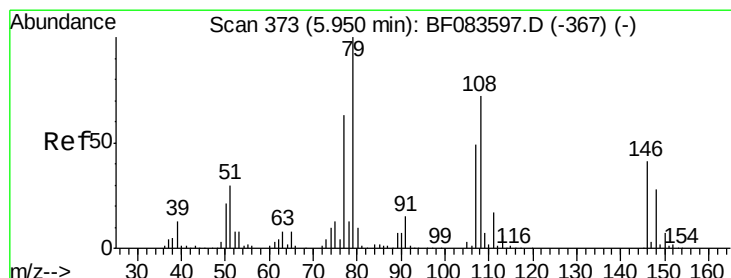
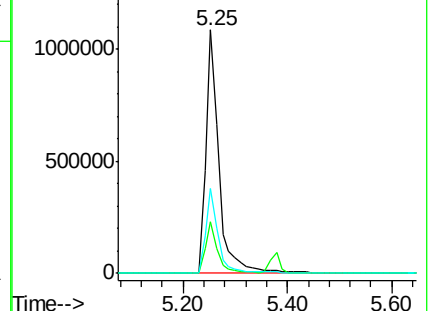
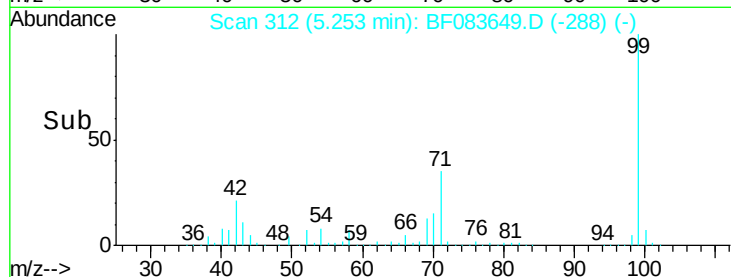
71 34.9 26.6 40.0



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



#15

Benzyl Alcohol

Concen: 2.34 ng

RT: 5.89 min Scan# 368

Delta R.T. -0.06 min

Lab File: BF083649.D

Acq: 9 Dec 2015 20:01

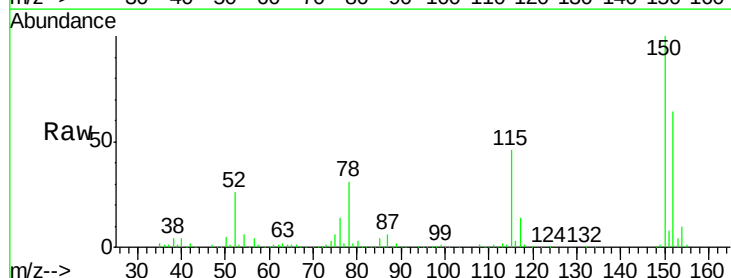
Tgt Ion: 79 Resp: 19435

Ion Ratio Lower Upper

79 100

108 24.9 59.6 89.4#

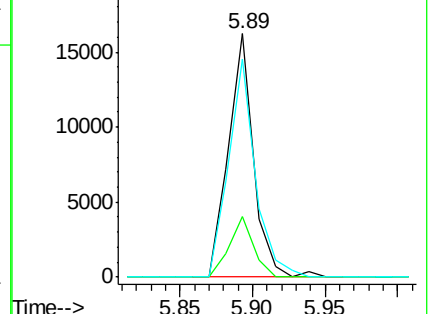
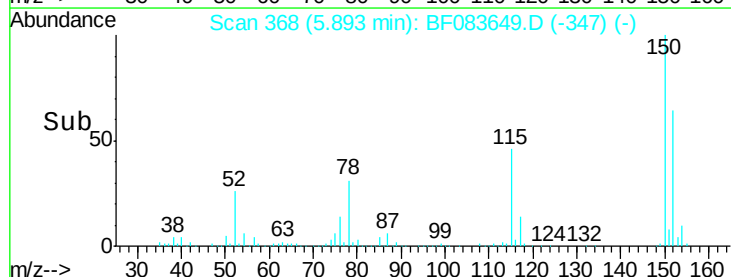
77 89.5 49.8 74.6#

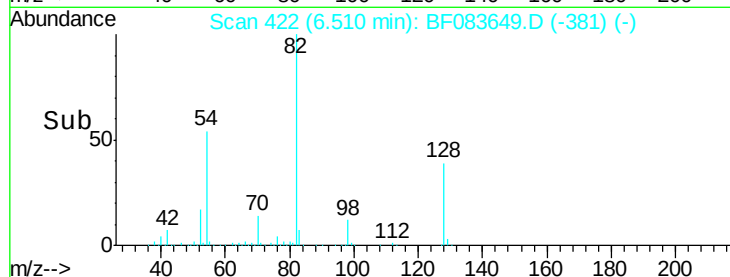
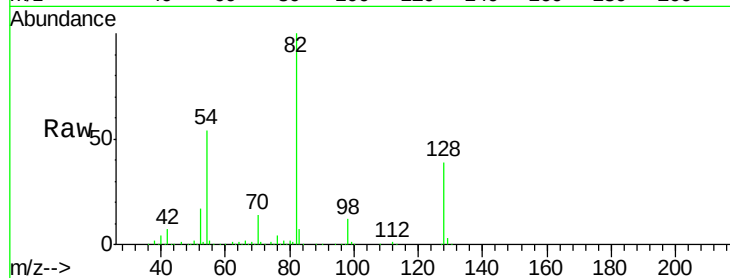
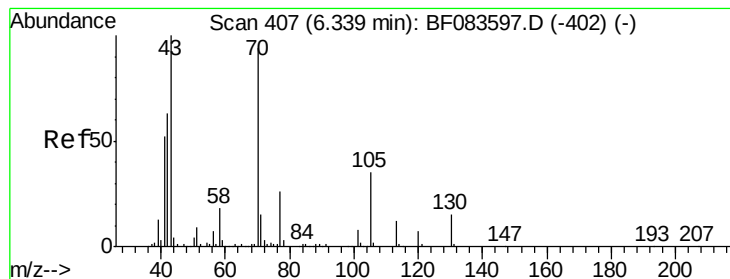


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0





#19

n-Nitroso-di-n-propylamine

Concen: 18.39 ng

RT: 6.51 min Scan# 422

Delta R.T. 0.17 min

Lab File: BF083649.D

Acq: 9 Dec 2015 20:01

Instrument :

BNA_F

ClientSampleId :

NC-HC-005

Tgt Ion: 70 Resp: 149570

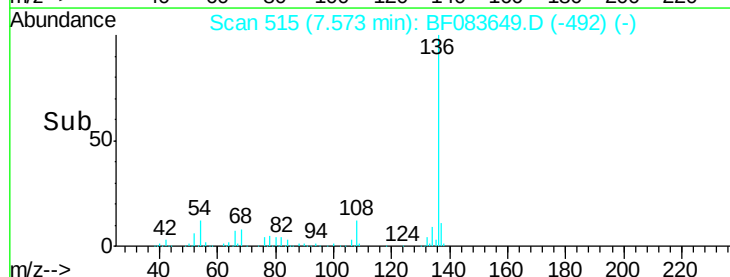
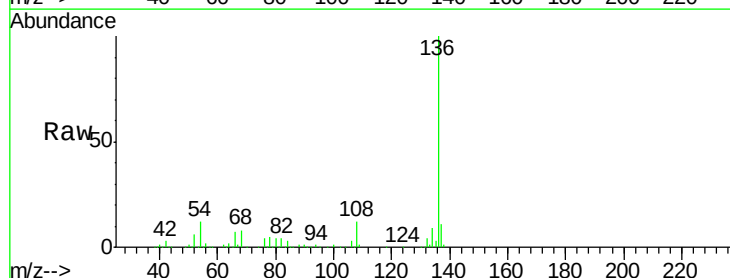
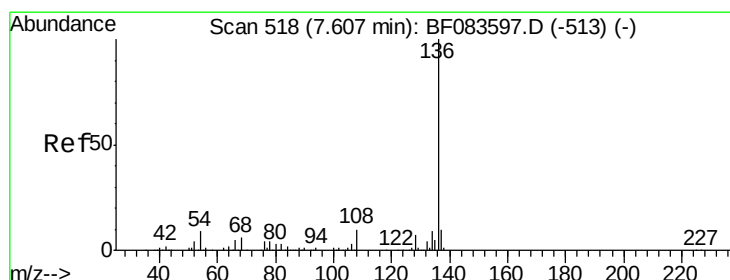
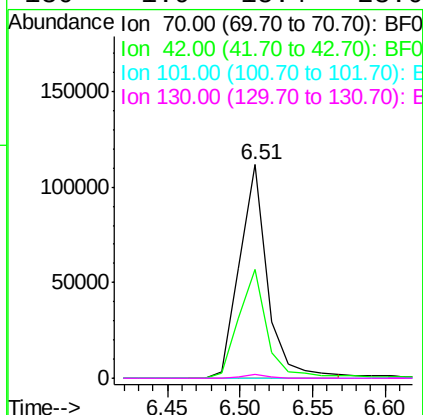
Ion Ratio Lower Upper

70 100

42 50.7 49.2 73.8

101 0.0 7.1 10.7#

130 1.9 15.4 23.0#



#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

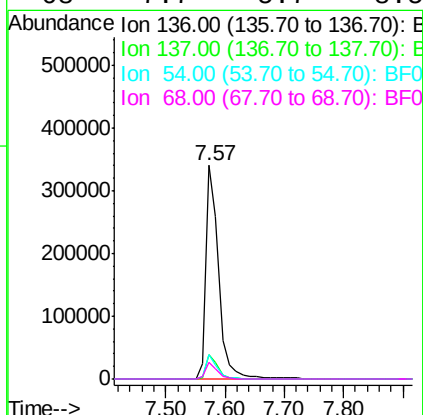
Ion Ratio Lower Upper

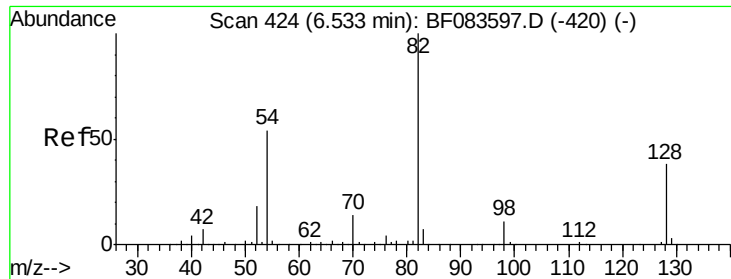
136 100

137 11.2 8.7 13.1

54 11.7 7.8 11.6#

68 7.7 5.7 8.5

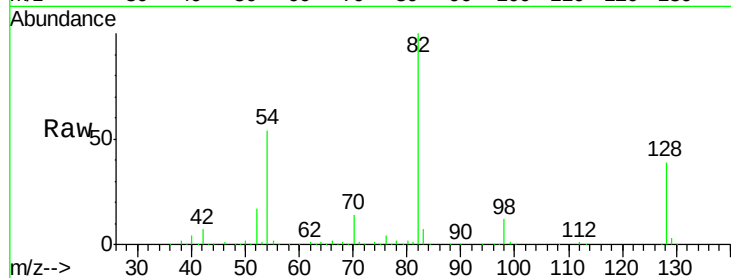




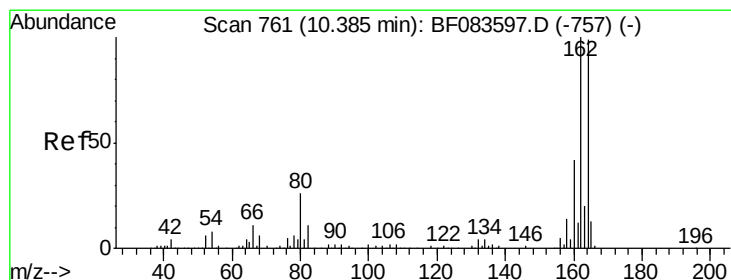
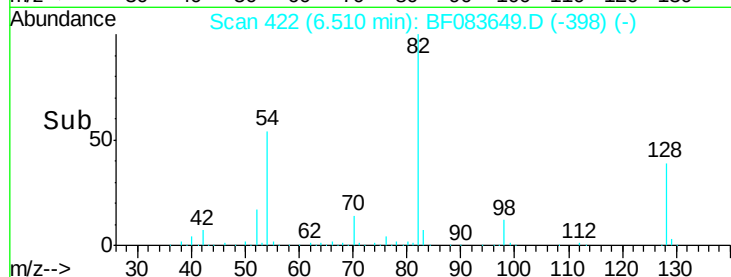
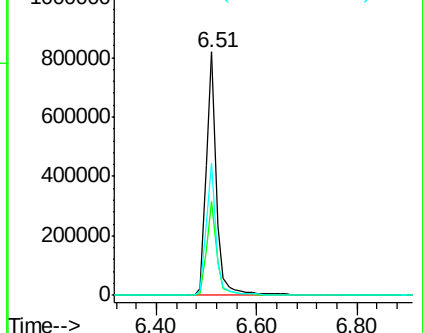
#23
 Nitrobenzene-d5
 Concen: 105.83 ng
 RT: 6.51 min Scan# 422
 Delta R.T. -0.02 min
 Lab File: BF083649.D
 Acq: 9 Dec 2015 20:01

Instrument :
 BNA_F
 ClientSampleId :
 NC-HC-005

Tgt Ion: 82 Resp: 1165708
 Ion Ratio Lower Upper
 82 100
 128 38.8 30.7 46.1
 54 54.4 42.5 63.7

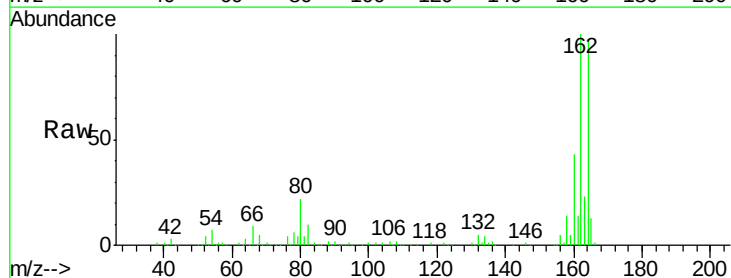


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

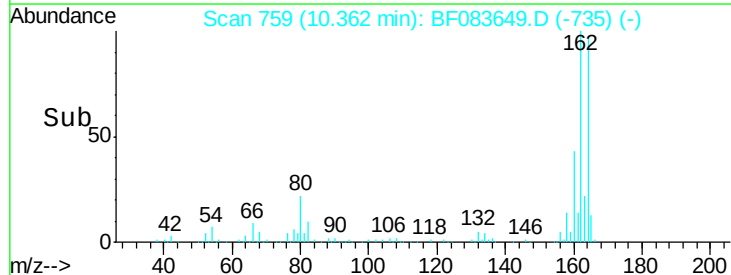
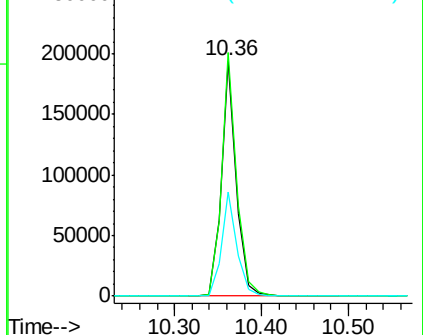


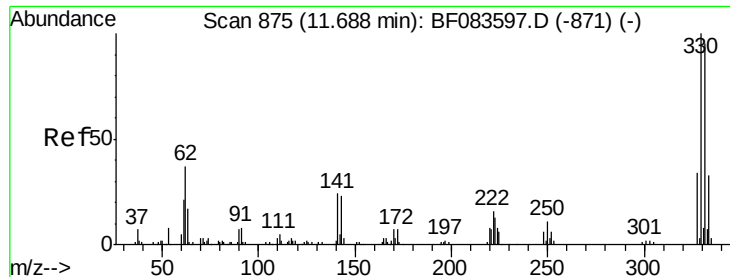
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.36 min Scan# 759
 Delta R.T. -0.02 min
 Lab File: BF083649.D
 Acq: 9 Dec 2015 20:01

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): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

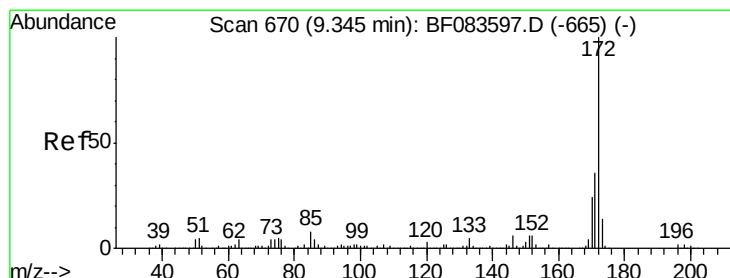
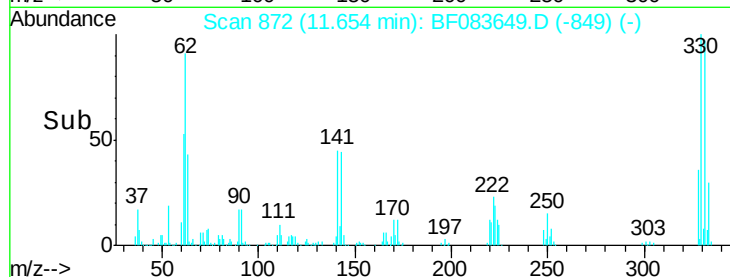
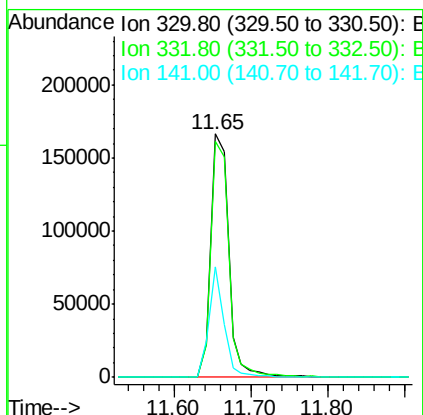
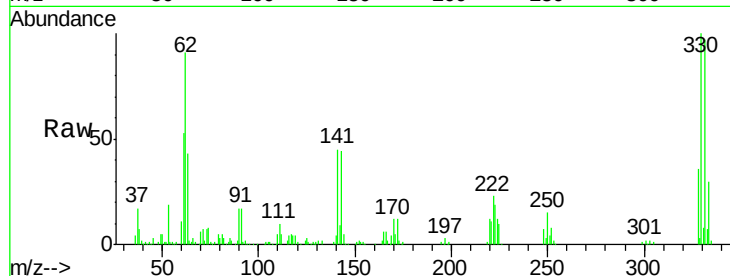




#41
 2,4,6-Tribromophenol
 Concen: 130.85 ng
 RT: 11.65 min Scan# 872
 Delta R.T. -0.03 min
 Lab File: BF083649.D
 Acq: 9 Dec 2015 20:01

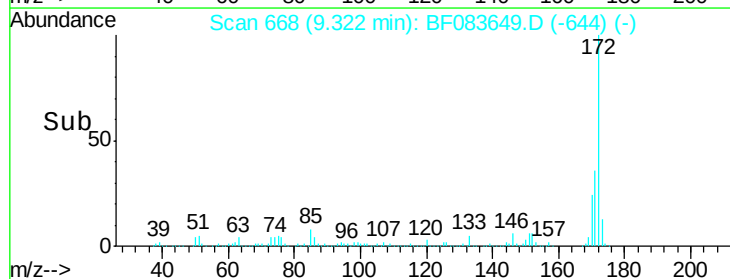
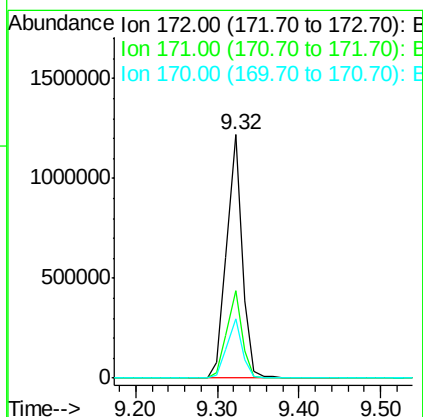
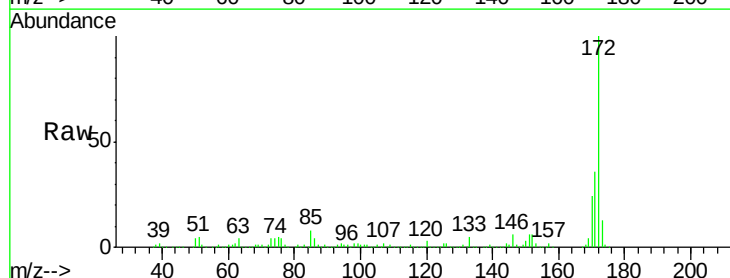
Instrument :
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 ClientSampleId :
 NC-HC-005

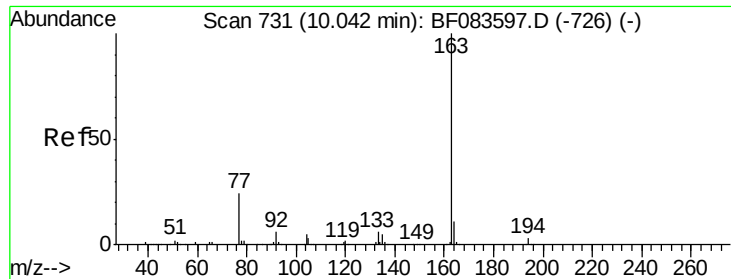
Tgt Ion:330 Resp: 273388
 Ion Ratio Lower Upper
 330 100
 332 97.2 0.0 0.0#
 141 38.0 0.0 0.0#



#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

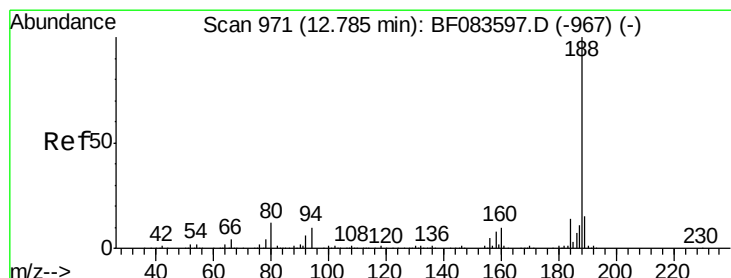
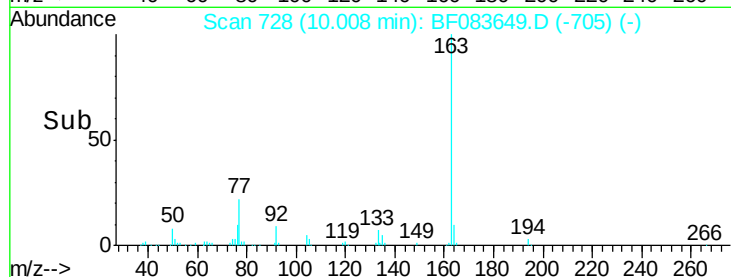
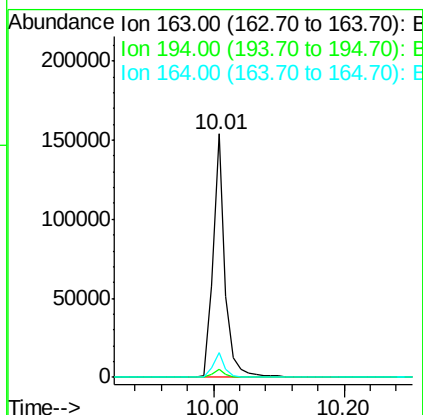
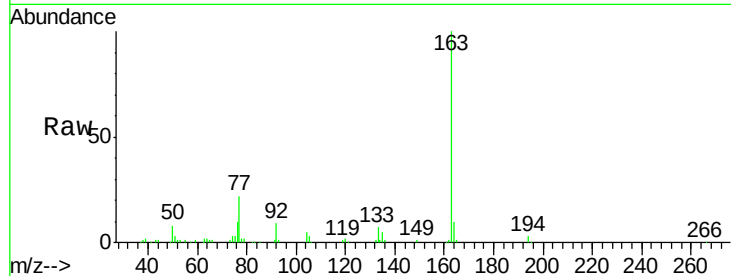




#49
Dimethylphthalate
Concen: 10.66 ng
RT: 10.01 min Scan# 728
Delta R.T. -0.03 min
Lab File: BF083649.D
Acq: 9 Dec 2015 20:01

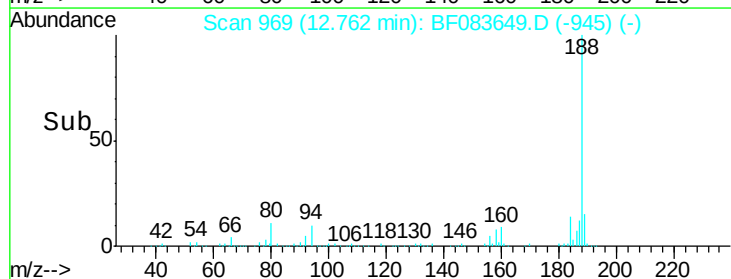
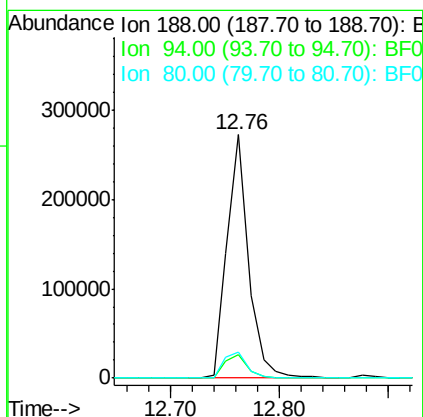
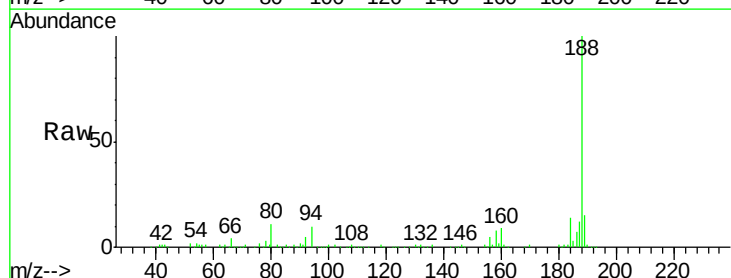
Instrument :
BNA_F
ClientSampleId :
NC-HC-005

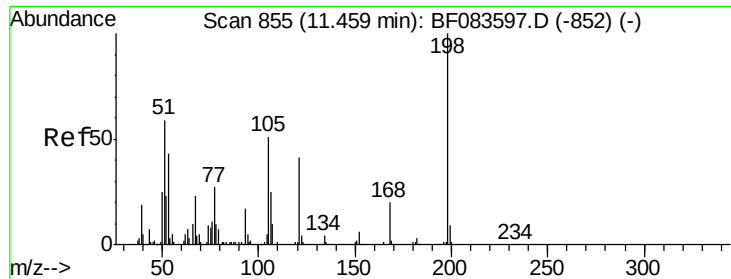
Tgt Ion:163 Resp: 198922
Ion Ratio Lower Upper
163 100
194 3.4 2.8 4.2
164 10.3 8.6 13.0



#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





#64

4,6-Dinitro-2-methylphenol

Concen: 2.15 ng

RT: 11.65 min Scan# 872

Delta R.T. 0.19 min

Lab File: BF083649.D

Acq: 9 Dec 2015 20:01

Instrument :

BNA_F

ClientSampleId :

NC-HC-005

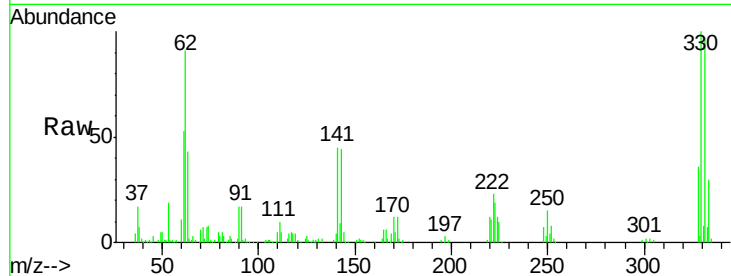
Tgt Ion:198 Resp: 527

Ion Ratio Lower Upper

198 100

51 322.6 53.8 93.8#

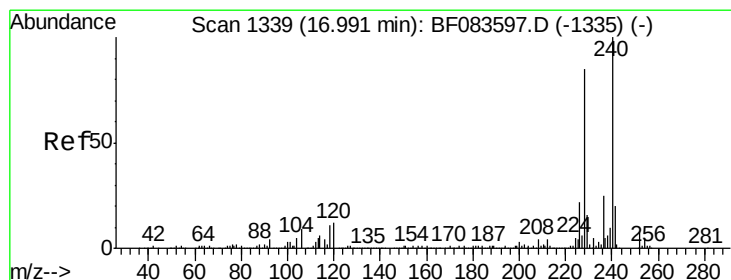
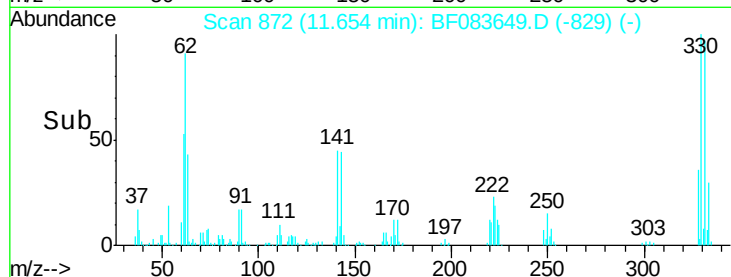
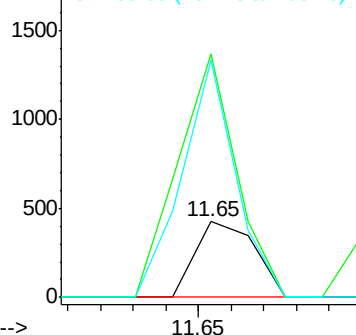
105 313.7 38.6 78.6#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E



#75

Chrysene-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

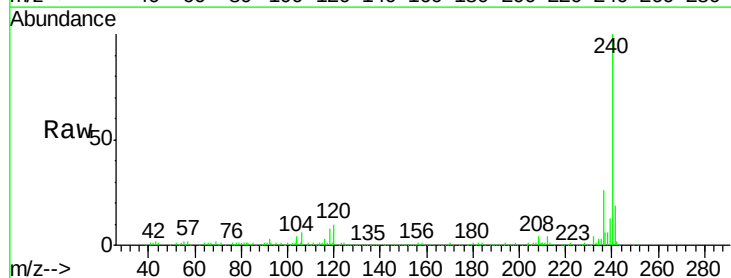
Tgt Ion:240 Resp: 298167

Ion Ratio Lower Upper

240 100

120 9.6 8.1 12.1

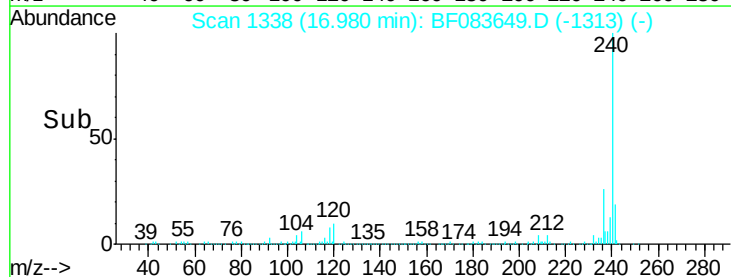
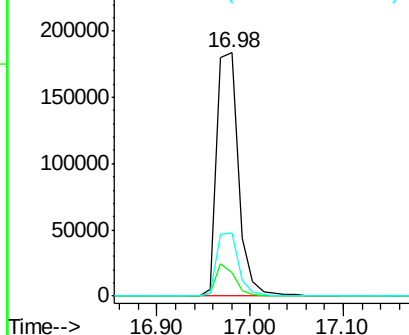
236 25.7 20.8 31.2

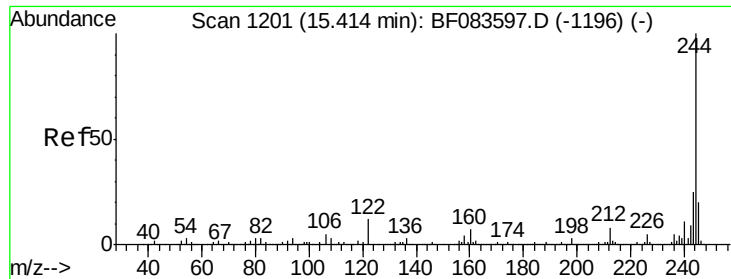


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

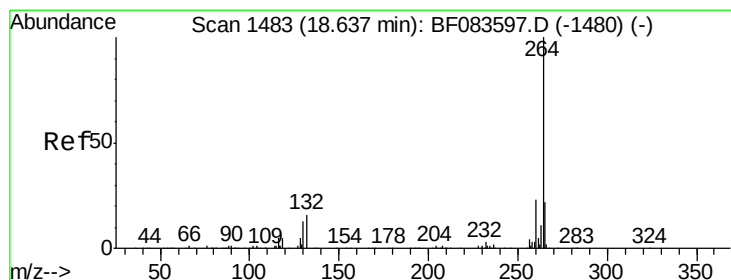
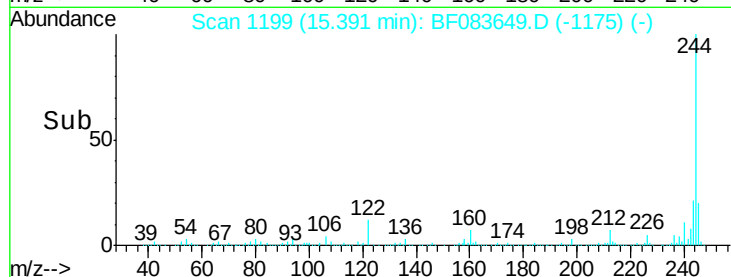
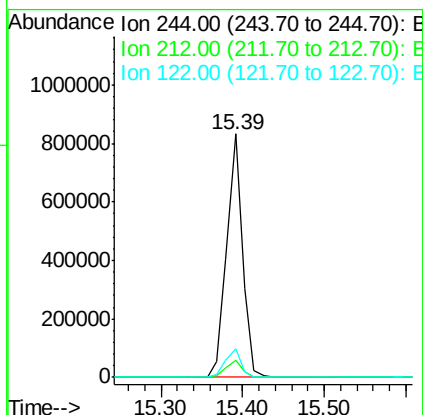
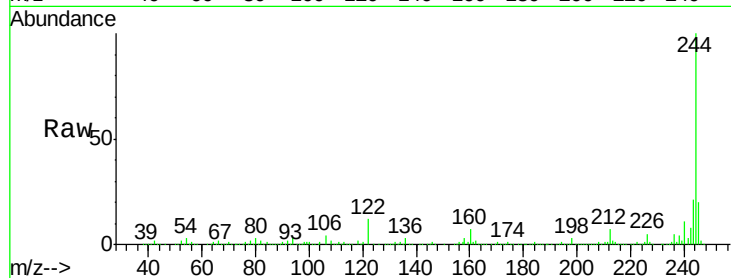




#78
 Terphenyl-d14
 Concen: 88.04 ng
 RT: 15.39 min Scan# 1199
 Delta R.T. -0.02 min
 Lab File: BF083649.D
 Acq: 9 Dec 2015 20:01

Instrument :
 BNA_F
 ClientSampled :
 NC-HC-005

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
 Perylene-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

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

