

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112315\
 Data File : BF083230.D
 Acq On : 24 Nov 2015 3:58
 Operator : UM/IZ
 Sample : G4482-01RE
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NC-HC-004

Quant Time: Nov 24 04:42:50 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Nov 22 09:22:46 2015
 Response via : Initial Calibration

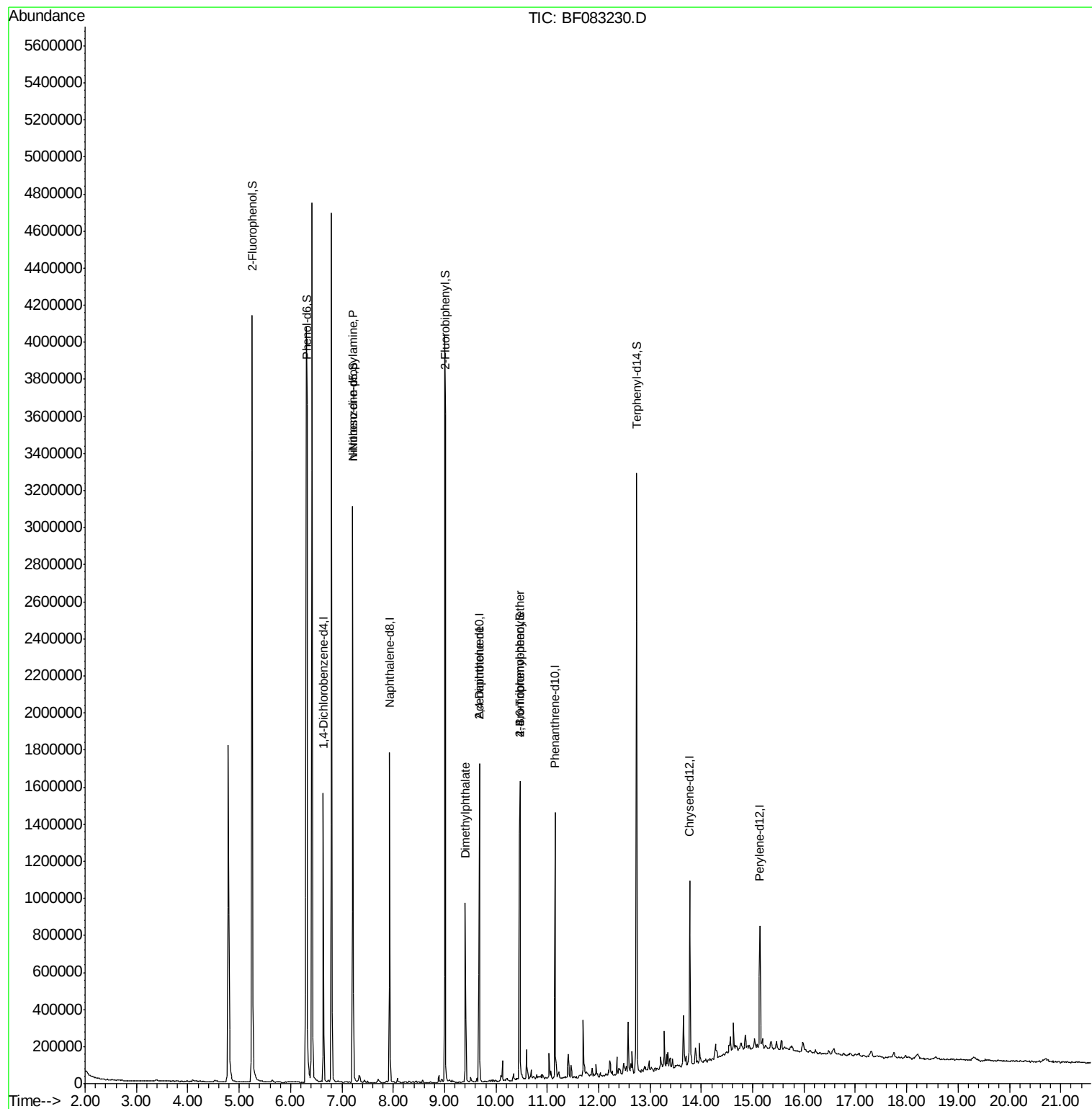
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.64	152	214022	20.00	ng	-0.02
21) Naphthalene-d8	7.93	136	797840	20.00	ng	-0.02
38) Acenaphthene-d10	9.68	164	355607	20.00	ng	-0.02
63) Phenanthrene-d10	11.15	188	539415	20.00	ng	-0.02
75) Chrysene-d12	13.77	240	427897	20.00	ng	-0.03
86) Perylene-d12	15.14	264	311596	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	1576458	111.36	ng	-0.02
7) Phenol-d6	6.32	99	2169134	118.43	ng	-0.02
23) Nitrobenzene-d5	7.21	82	1110878	63.62	ng	-0.02
41) 2,4,6-Tribromophenol	10.47	330	257395	70.75	ng	-0.02
44) 2-Fluorobiphenyl	9.02	172	1918051	75.21	ng	-0.01
78) Terphenyl-d14	12.74	244	1345991	74.07	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.31	77	3624	Below Cal	#	4
19) n-Nitroso-di-n-propylamine	7.21	70	149991	11.77 ng	#	77
49) Dimethylphthalate	9.40	163	404842	14.79 ng		99
56) 2,4-Dinitrotoluene	9.68	165	46271	5.94 ng	#	10
66) 4-Bromophenyl-phenylether	10.47	248	16694	2.79 ng	#	1

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

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Quant Time: Nov 24 04:42:50 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Nov 22 09:22:46 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.64 min Scan# 407

Delta R.T. -0.02 min

Lab File: BF083230.D

Acq: 24 Nov 2015 3:58

Instrument :

BNA_F

ClientSampleId :

NC-HC-004

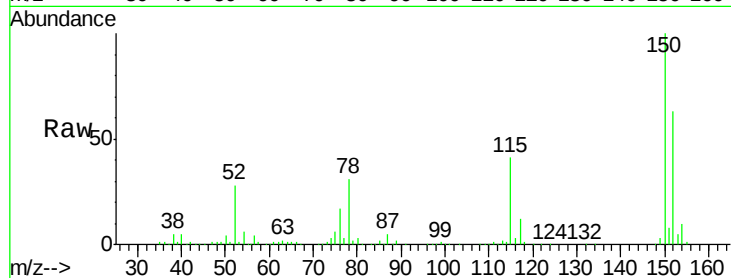
Tgt Ion:152 Resp: 214022

Ion Ratio Lower Upper

152 100

150 158.8 125.8 188.8

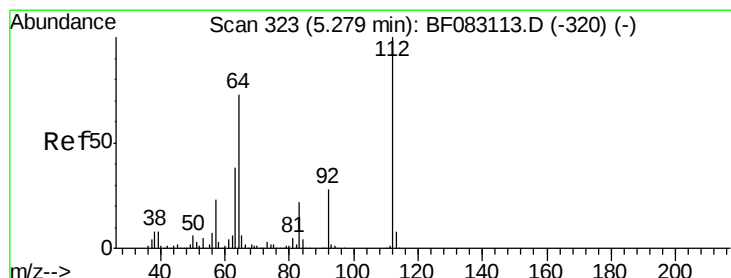
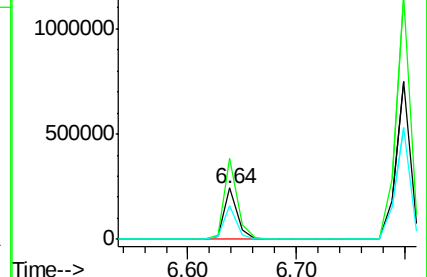
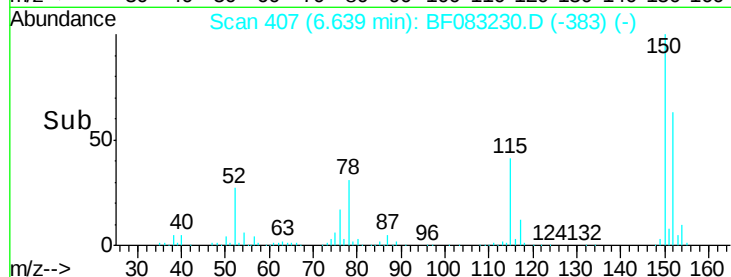
115 65.0 46.9 70.3



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: 111.36 ng

RT: 5.26 min Scan# 286

Delta R.T. -0.02 min

Lab File: BF083230.D

Acq: 24 Nov 2015 3:58

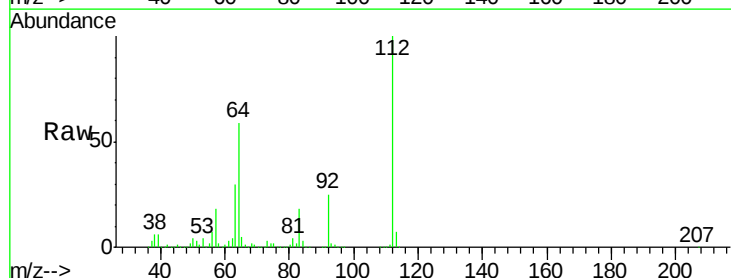
Tgt Ion:112 Resp: 1576458

Ion Ratio Lower Upper

112 100

64 59.4 58.4 87.6

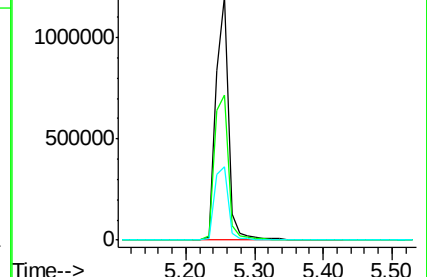
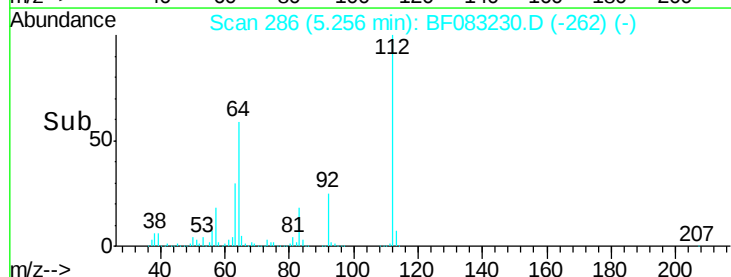
63 30.4 30.0 45.0

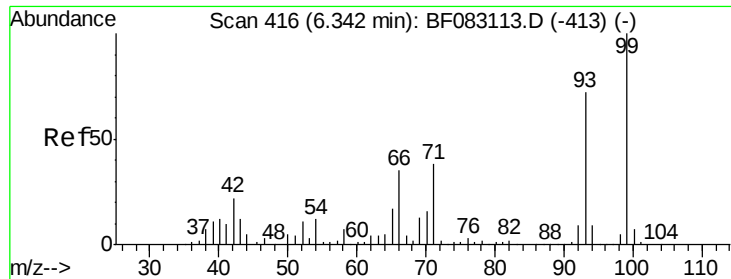


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 118.43 ng

RT: 6.32 min Scan# 379

Delta R.T. -0.02 min

Lab File: BF083230.D

Acq: 24 Nov 2015 3:58

Instrument :

BNA_F

ClientSampleId :

NC-HC-004

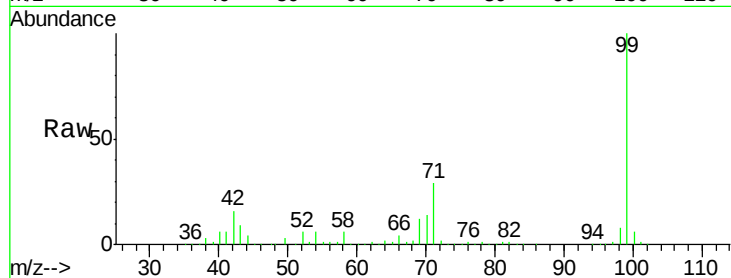
Tgt Ion: 99 Resp: 2169134

Ion Ratio Lower Upper

99 100

42 16.0 17.7 26.5#

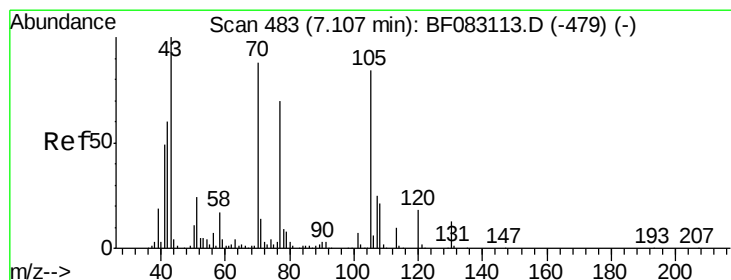
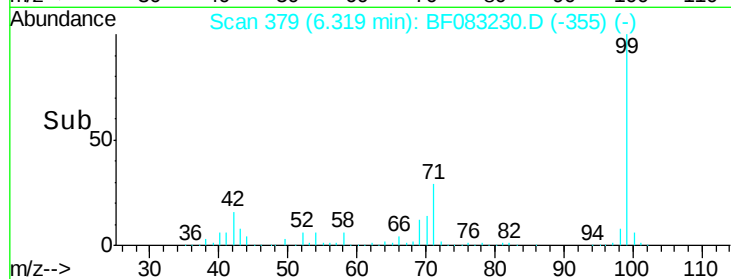
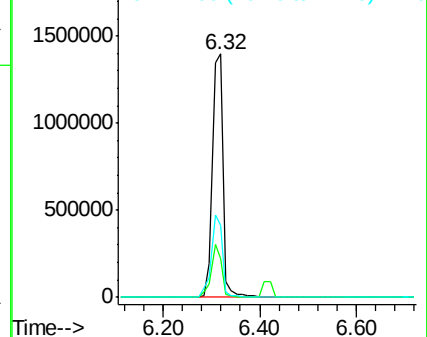
71 29.4 30.2 45.4#



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



#19

n-Nitroso-di-n-propylamine

Concen: 11.77 ng

RT: 7.21 min Scan# 457

Delta R.T. 0.10 min

Lab File: BF083230.D

Acq: 24 Nov 2015 3:58

Tgt Ion: 70 Resp: 149991

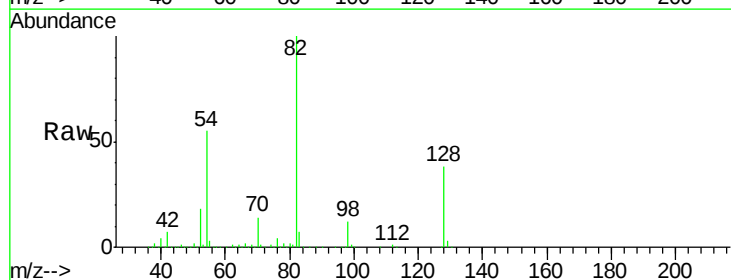
Ion Ratio Lower Upper

70 100

42 51.2 54.5 81.7#

101 0.0 6.6 9.8#

130 1.8 11.5 17.3#

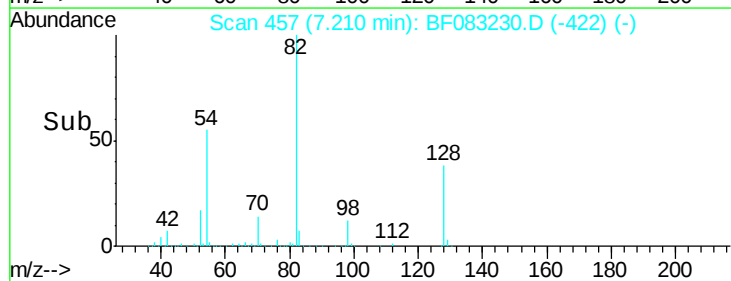
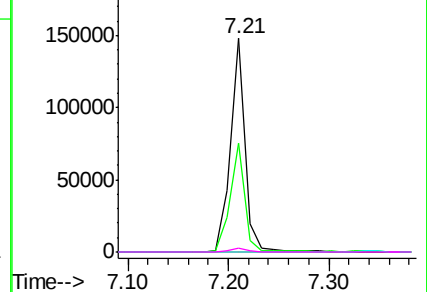


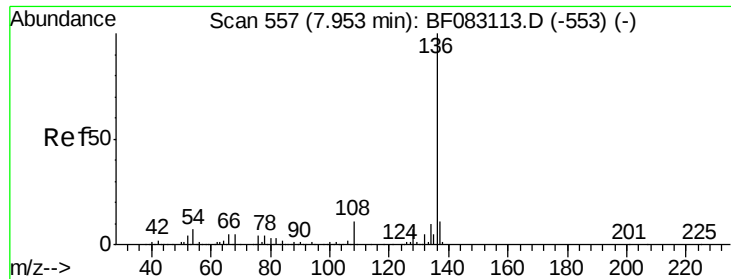
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0

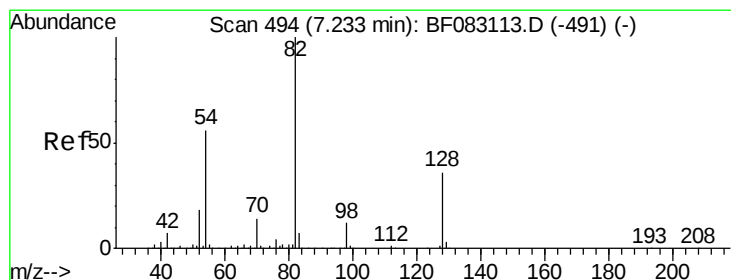
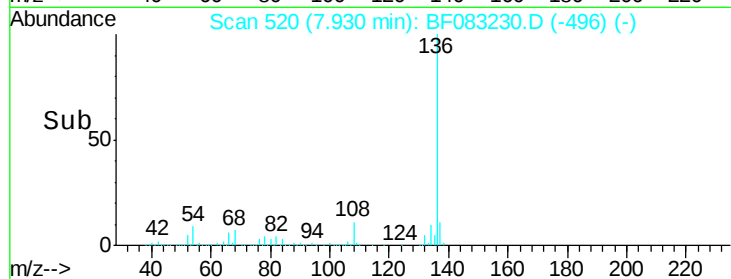
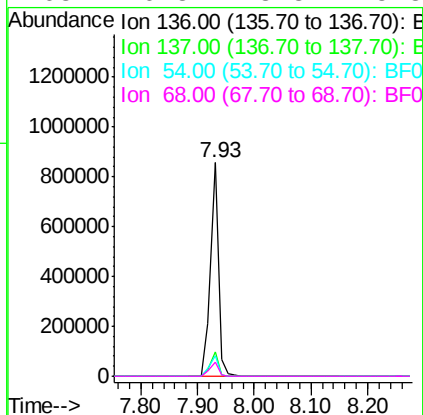
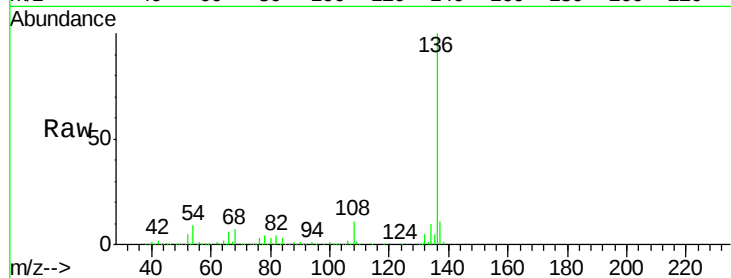




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.93 min Scan# 520
Delta R.T. -0.02 min
Lab File: BF083230.D
Acq: 24 Nov 2015 3:58

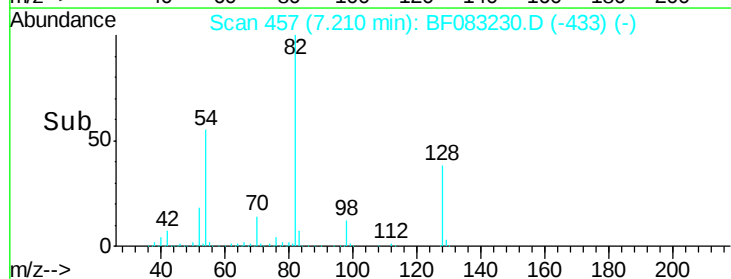
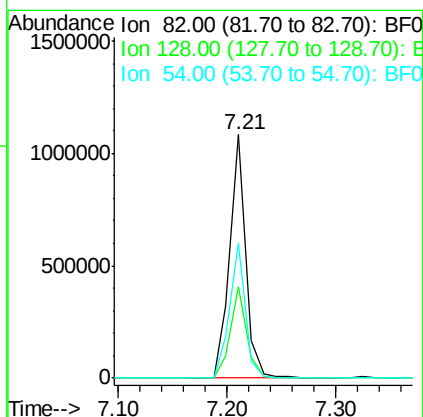
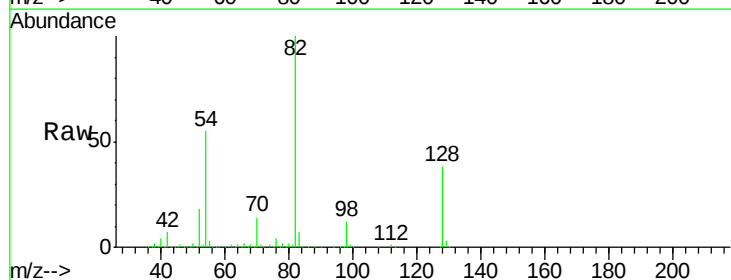
Instrument :
BNA_F
ClientSampleId :
NC-HC-004

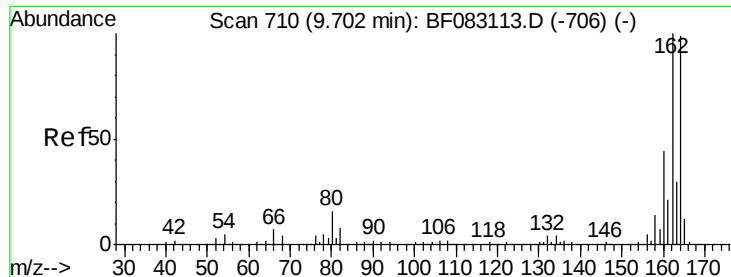
Tgt Ion:	136	Resp:	797840
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.7	13.1
54	9.4	5.8	8.6#
68	6.8	3.8	5.8#



#23
Nitrobenzene-d5
Concen: 63.62 ng
RT: 7.21 min Scan# 457
Delta R.T. -0.02 min
Lab File: BF083230.D
Acq: 24 Nov 2015 3:58

Tgt Ion:	82	Resp:	1110878
Ion	Ratio	Lower	Upper
82	100		
128	37.6	28.5	42.7
54	55.2	44.6	67.0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.68 min Scan# 673

Delta R.T. -0.02 min

Lab File: BF083230.D

Acq: 24 Nov 2015 3:58

Instrument :

BNA_F

ClientSampleId :

NC-HC-004

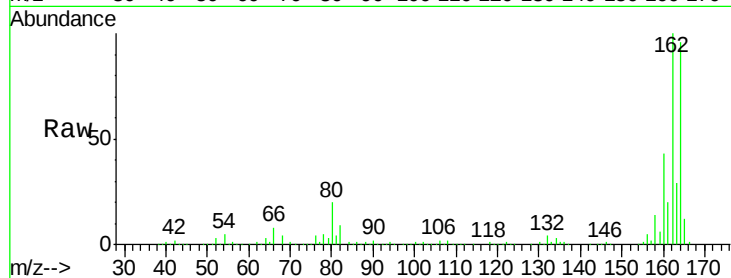
Tgt Ion:164 Resp: 355607

Ion Ratio Lower Upper

164 100

162 104.4 81.2 121.8

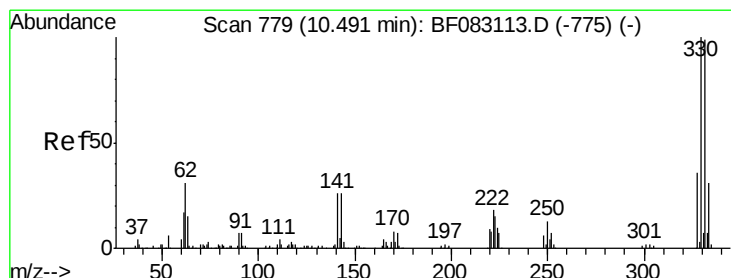
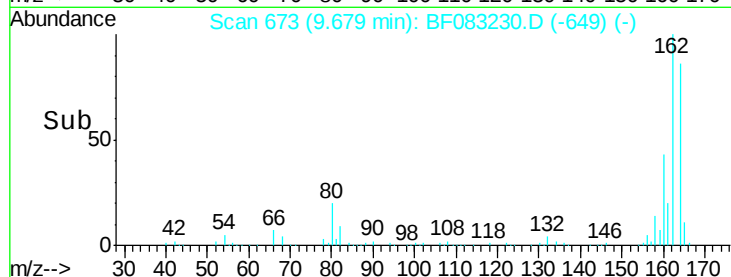
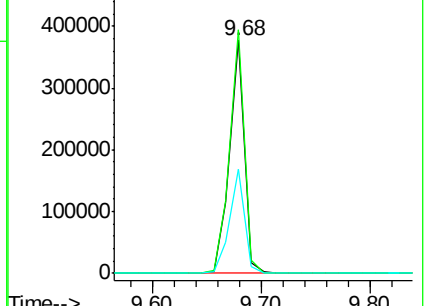
160 44.8 35.6 53.4



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: 70.75 ng

RT: 10.47 min Scan# 742

Delta R.T. -0.02 min

Lab File: BF083230.D

Acq: 24 Nov 2015 3:58

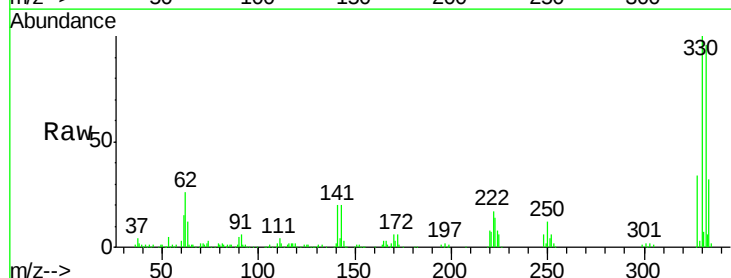
Tgt Ion:330 Resp: 257395

Ion Ratio Lower Upper

330 100

332 95.9 77.7 116.5

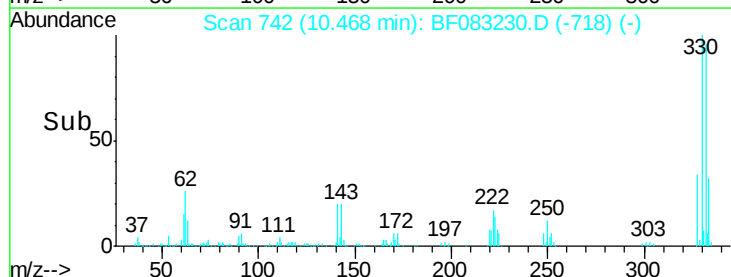
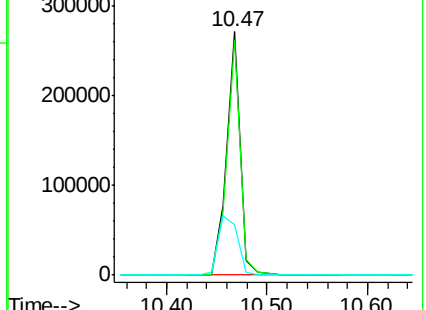
141 34.8 29.7 44.5

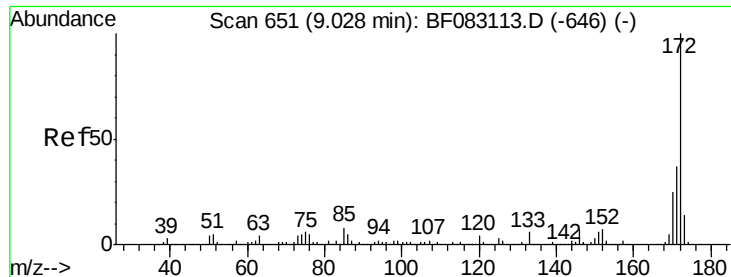


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

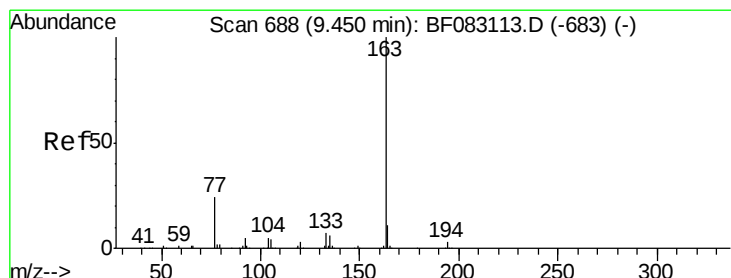
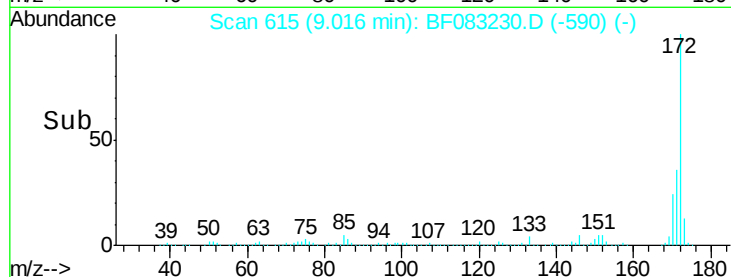
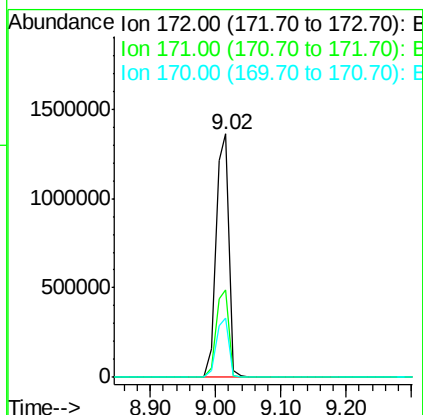
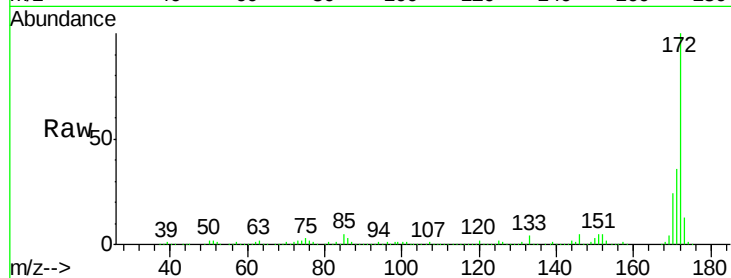




#44
 2-Fluorobiphenyl
 Concen: 75.21 ng
 RT: 9.02 min Scan# 615
 Delta R.T. -0.01 min
 Lab File: BF083230.D
 Acq: 24 Nov 2015 3:58

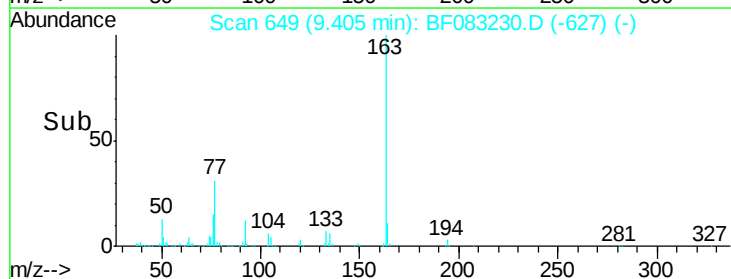
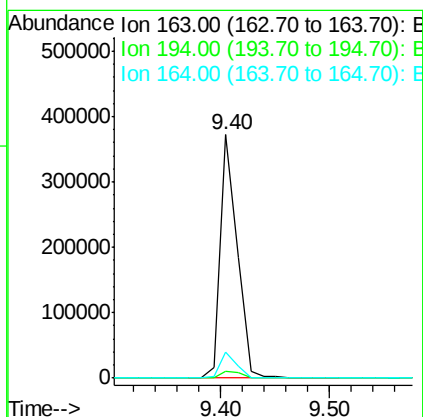
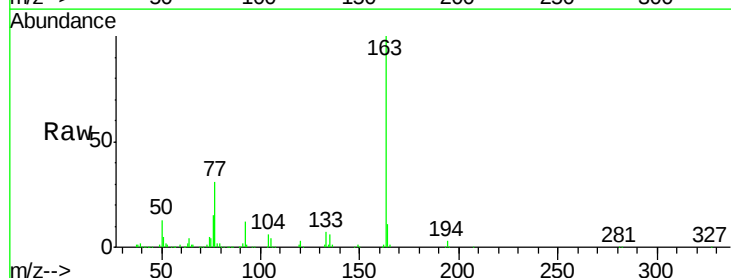
Instrument :
 BNA_F
 ClientSampleId :
 NC-HC-004

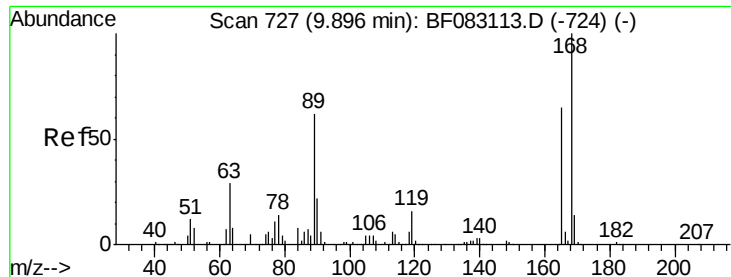
Tgt Ion:172 Resp: 1918051
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.5 44.3
 170 24.4 19.9 29.9



#49
 Dimethylphthalate
 Concen: 14.79 ng
 RT: 9.40 min Scan# 649
 Delta R.T. -0.05 min
 Lab File: BF083230.D
 Acq: 24 Nov 2015 3:58

Tgt Ion:163 Resp: 404842
 Ion Ratio Lower Upper
 163 100
 194 3.0 2.6 4.0
 164 10.9 8.6 12.8

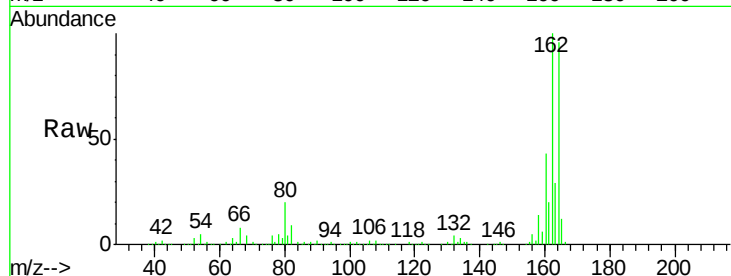




#56
2,4-Dinitrotoluene
Concen: 5.94 ng
RT: 9.68 min Scan# 673
Delta R.T. -0.22 min
Lab File: BF083230.D
Acq: 24 Nov 2015 3:58

Instrument :
BNA_F
ClientSampleId :
NC-HC-004

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.4	54.5	81.7#
89	1.5	77.3	115.9#
182	0.0	1.8	2.6#

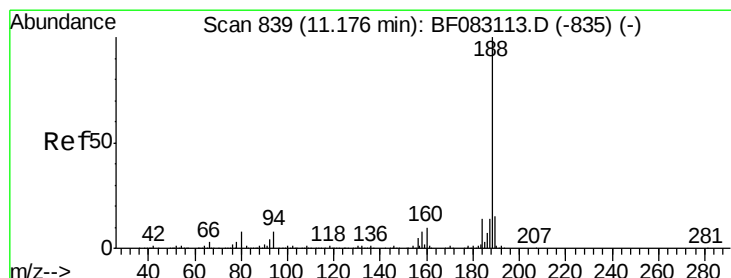
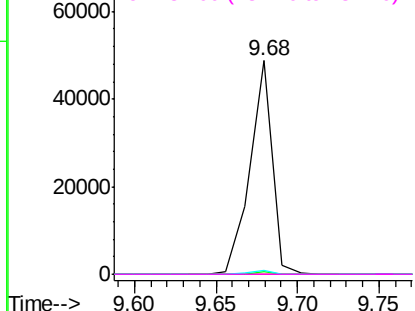
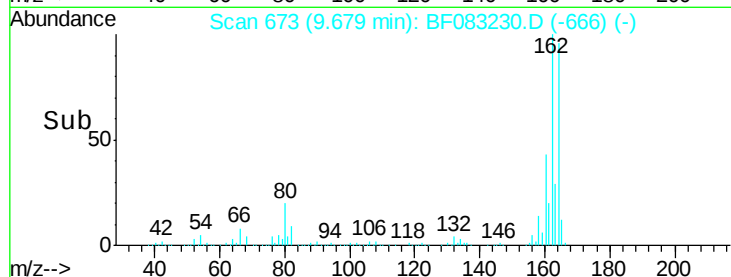


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

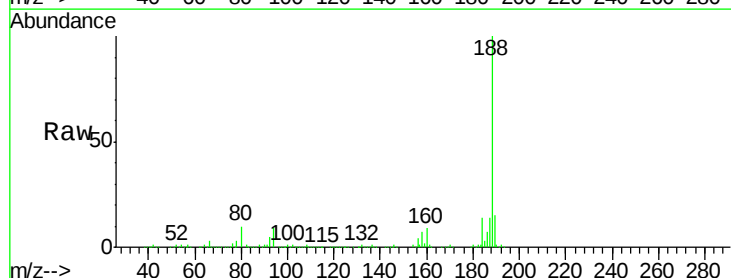
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.15 min Scan# 802
Delta R.T. -0.02 min
Lab File: BF083230.D
Acq: 24 Nov 2015 3:58

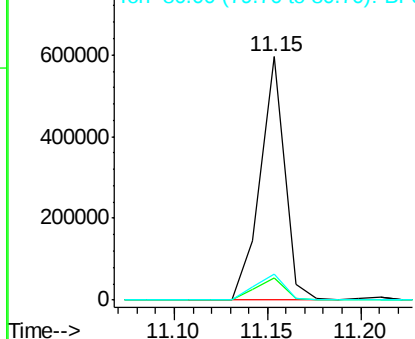
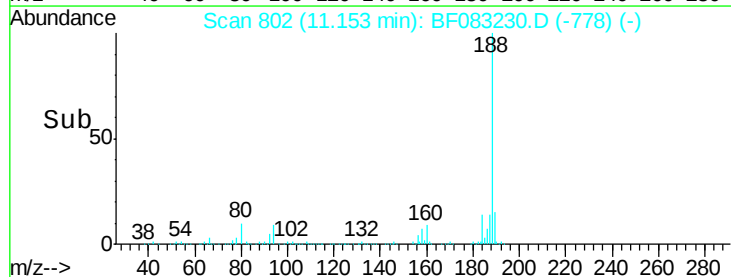
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.4	6.0	9.0#
80	10.5	6.7	10.1#

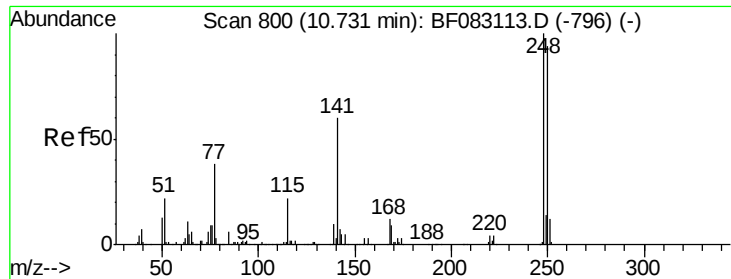


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

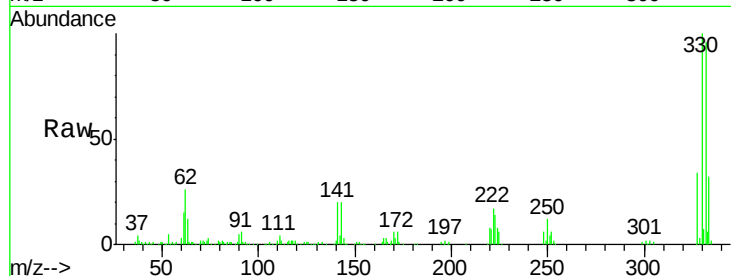




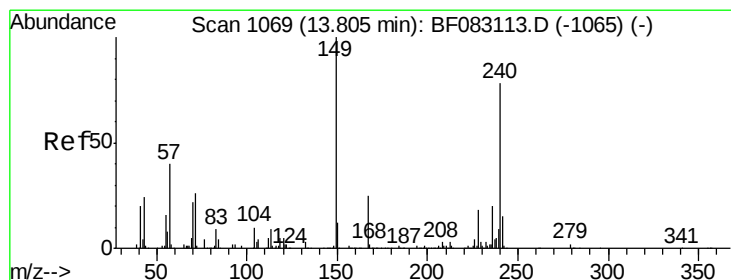
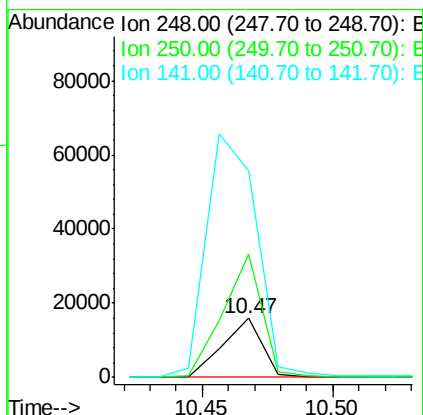
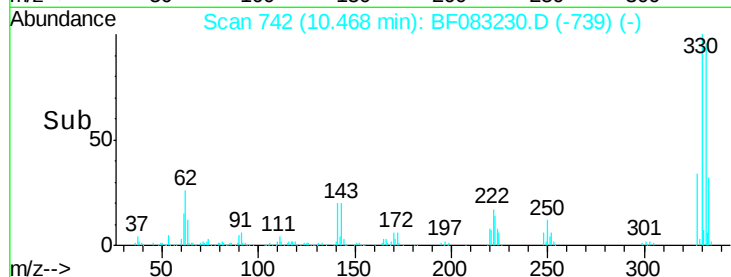
#66
 4-Bromophenyl-phenylether
 Concen: 2.79 ng
 RT: 10.47 min Scan# 742
 Delta R.T. -0.26 min
 Lab File: BF083230.D
 Acq: 24 Nov 2015 3:58

Instrument :
 BNA_F
 ClientSampleId :
 NC-HC-004

Tgt Ion:248 Resp: 16694
 Ion Ratio Lower Upper
 248 100
 250 208.7 75.4 113.2#
 141 350.1 48.1 72.1#

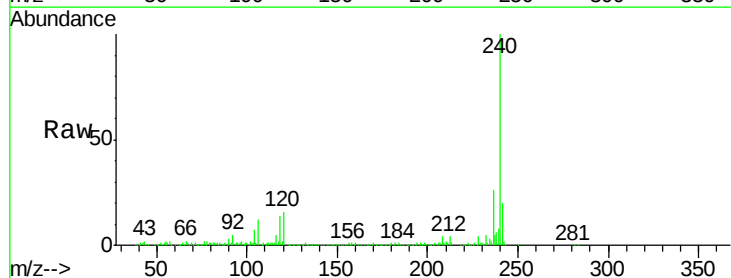


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

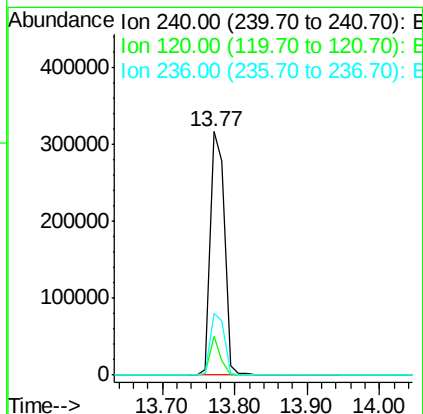
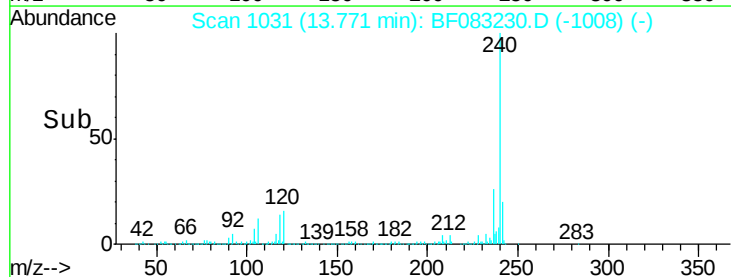


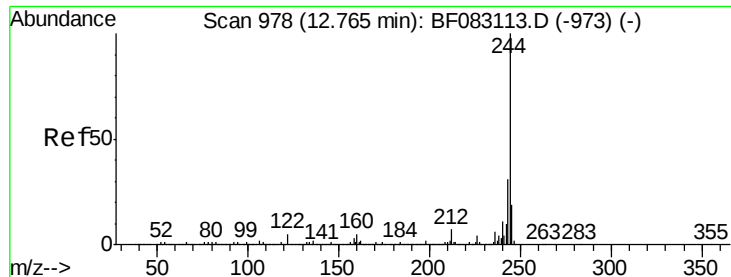
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.77 min Scan# 1031
 Delta R.T. -0.03 min
 Lab File: BF083230.D
 Acq: 24 Nov 2015 3:58

Tgt Ion:240 Resp: 427897
 Ion Ratio Lower Upper
 240 100
 120 15.7 5.4 8.2#
 236 25.5 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

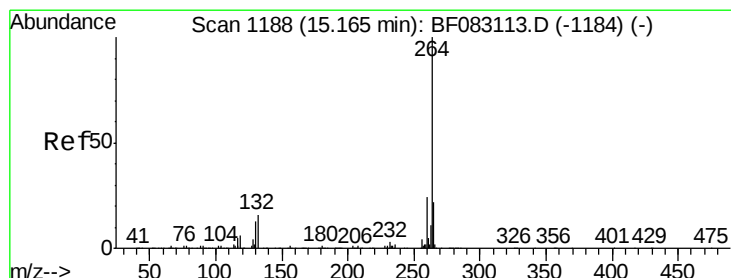
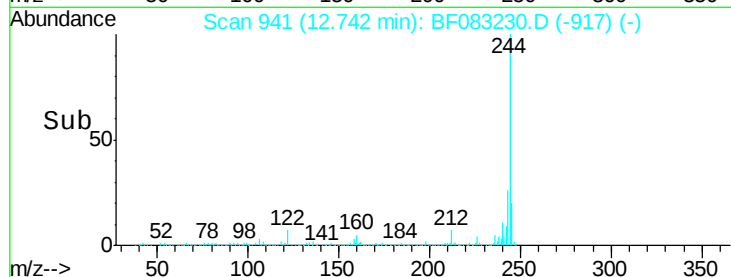
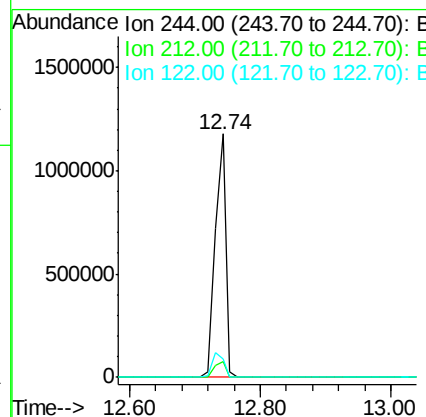
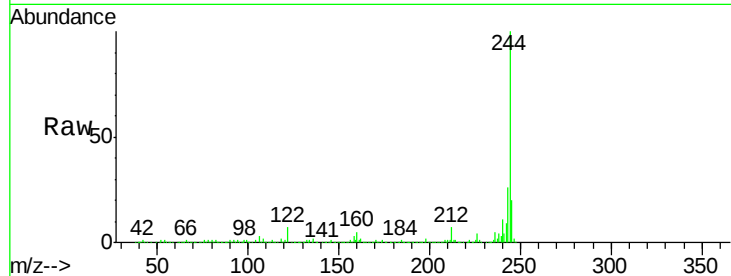




#78
 Terphenyl-d14
 Concen: 74.07 ng
 RT: 12.74 min Scan# 941
 Delta R.T. -0.02 min
 Lab File: BF083230.D
 Acq: 24 Nov 2015 3:58

Instrument :
 BNA_F
 ClientSampleId :
 NC-HC-004

Tgt Ion:244 Resp: 1345991
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.2
 122 7.3 4.3 6.5#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.14 min Scan# 1151
 Delta R.T. -0.02 min
 Lab File: BF083230.D
 Acq: 24 Nov 2015 3:58

Tgt Ion:264 Resp: 311596
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.1 28.7
 265 21.2 18.2 27.4

