

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102315\
 Data File : BF082488.D
 Acq On : 24 Oct 2015 2:10
 Operator : UM/IZ
 Sample : G4142-05
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NC-003

Quant Time: Oct 24 04:56:39 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 24 04:47:19 2015
 Response via : Initial Calibration

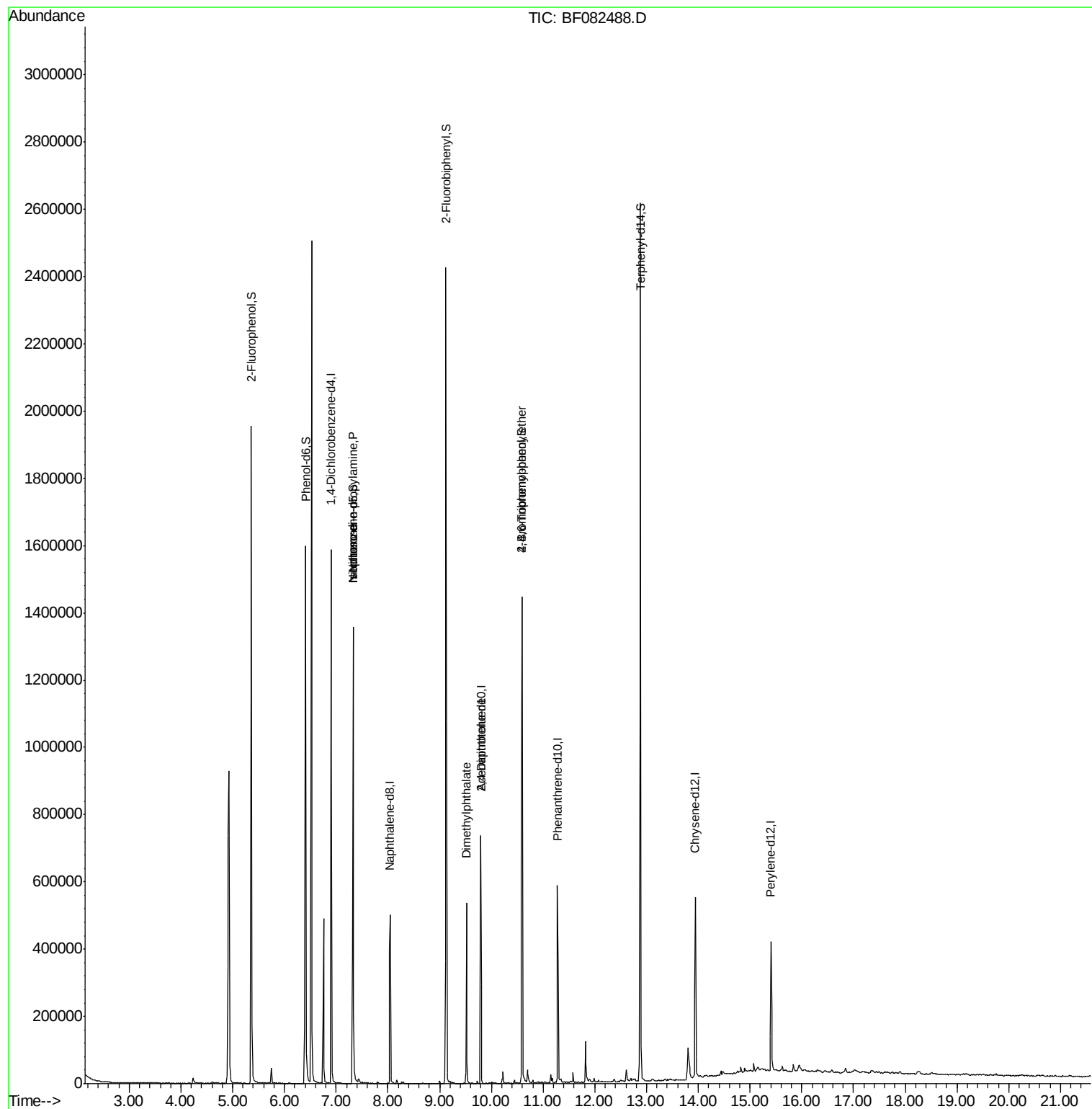
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	335182	20.00	ng	0.15
21) Naphthalene-d8	8.05	136	342231	20.00	ng	0.00
38) Acenaphthene-d10	9.79	164	164478	20.00	ng	-0.01
63) Phenanthrene-d10	11.28	188	300061	20.00	ng	-0.01
75) Chrysene-d12	13.94	240	231049	20.00	ng	-0.01
86) Perylene-d12	15.41	264	186269	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	678623	40.86	ng	0.01
7) Phenol-d6	6.41	99	876573	40.56	ng	0.00
23) Nitrobenzene-d5	7.33	82	500656	98.24	ng	-0.01
41) 2,4,6-Tribromophenol	10.59	330	184487	119.60	ng	0.00
44) 2-Fluorobiphenyl	9.12	172	963214	97.12	ng	-0.01
78) Terphenyl-d14	12.88	244	918790	105.38	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.33	70	65917	4.34	ng	# 79
25) Isophorone	7.33	82	397385	38.64	ng	# 66
49) Dimethylphthalate	9.52	163	211180	18.23	ng	99
56) 2,4-Dinitrotoluene	9.79	165	21135	6.92	ng	# 21
66) 4-Bromophenyl-phenylether	10.59	248	14193	4.73	ng	# 1

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

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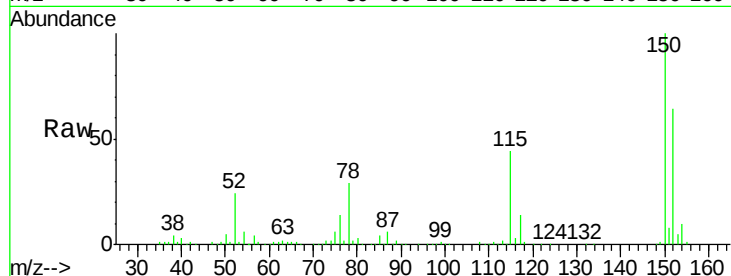


#1

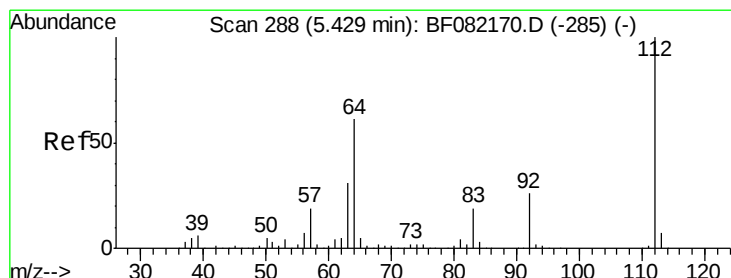
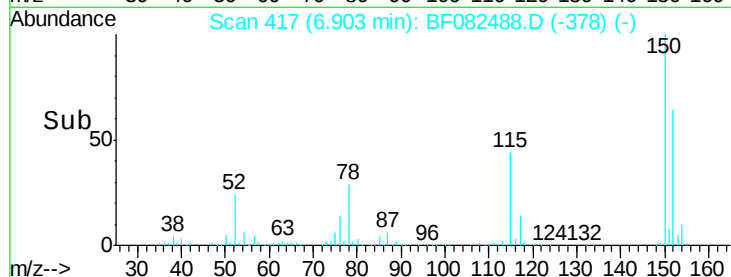
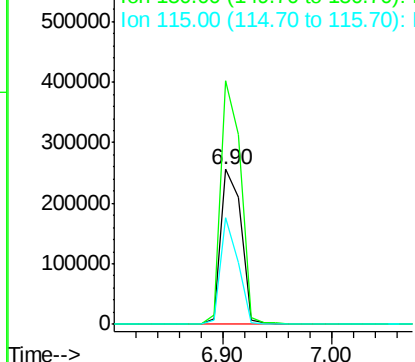
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.90 min Scan# 417
Delta R.T. 0.15 min
Lab File: BF082488.D
Acq: 24 Oct 2015 2:10

Instrument :
BNA_F
ClientSampled :
NC-003

Tot Ion:152 Resp: 335182
Ion Ratio Lower Upper
152 100
150 157.3 129.0 193.4
115 68.5 52.1 78.1



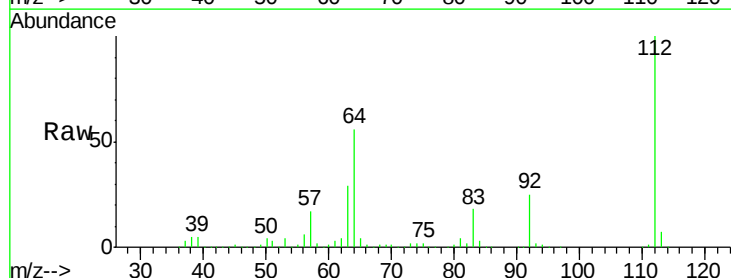
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



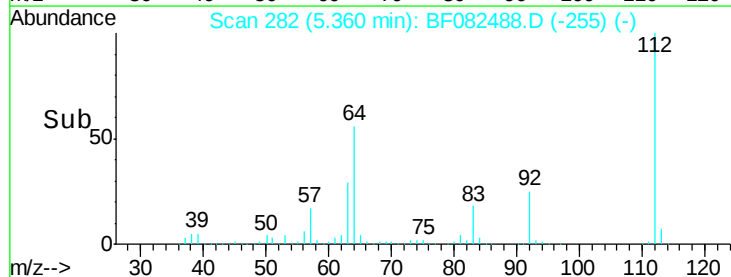
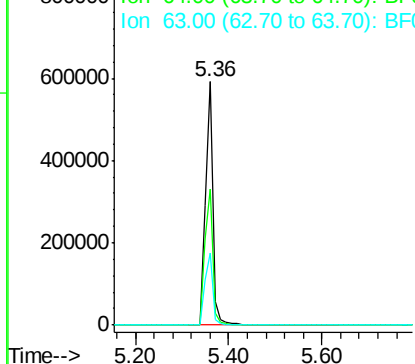
#5

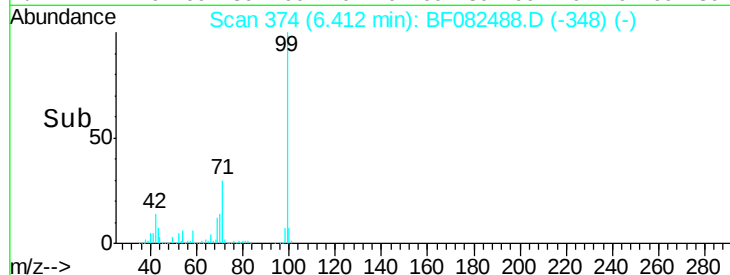
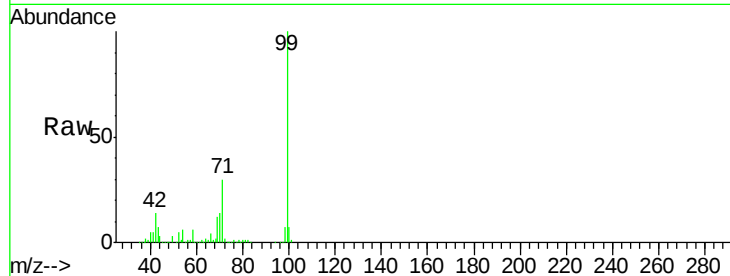
2-Fluorophenol
Concen: 40.86 ng
RT: 5.36 min Scan# 282
Delta R.T. 0.01 min
Lab File: BF082488.D
Acq: 24 Oct 2015 2:10

Tgt Ion:112 Resp: 678623
Ion Ratio Lower Upper
112 100
64 55.9 48.6 73.0
63 29.5 25.1 37.7



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: 40.56 ng

RT: 6.41 min Scan# 374

Delta R.T. 0.00 min

Lab File: BF082488.D

Acq: 24 Oct 2015 2:10

Instrument :

BNA_F

ClientSampleId :

NC-003

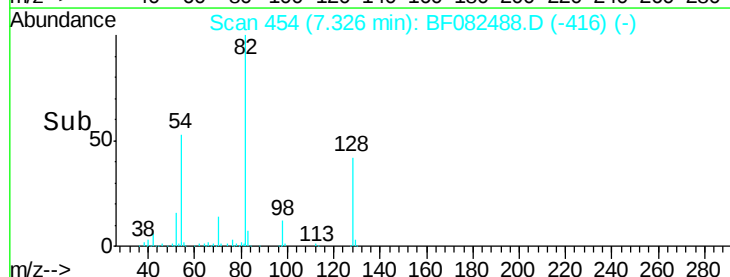
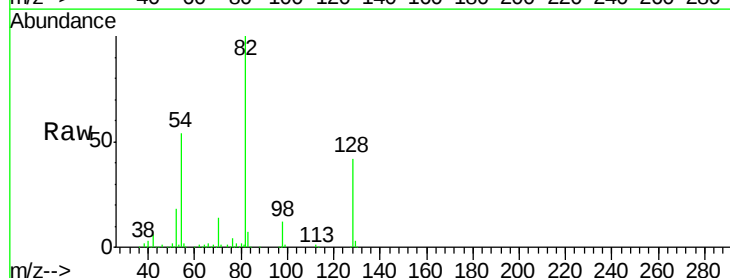
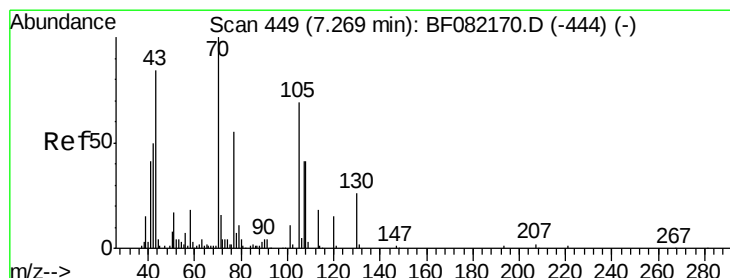
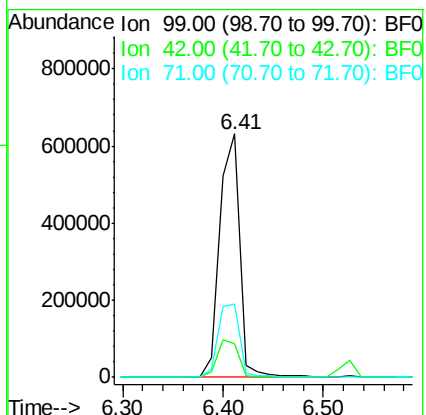
Tot Ion: 99 Resp: 876573

Ion Ratio Lower Upper

99 100

42 13.6 13.2 19.8

71 30.4 25.6 38.4



#19

n-Nitroso-di-n-propylamine

Concen: 4.34 ng

RT: 7.33 min Scan# 454

Delta R.T. 0.14 min

Lab File: BF082488.D

Acq: 24 Oct 2015 2:10

Tgt Ion: 70 Resp: 65917

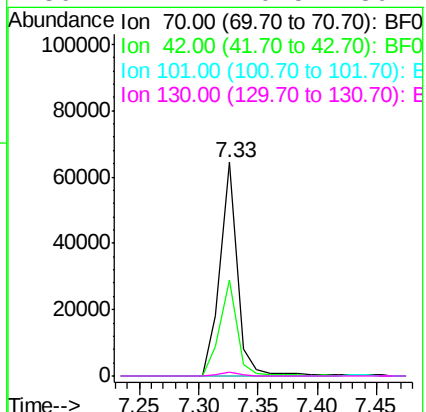
Ion Ratio Lower Upper

70 100

42 45.1 39.8 59.8

101 0.0 8.6 13.0#

130 2.1 20.5 30.7#

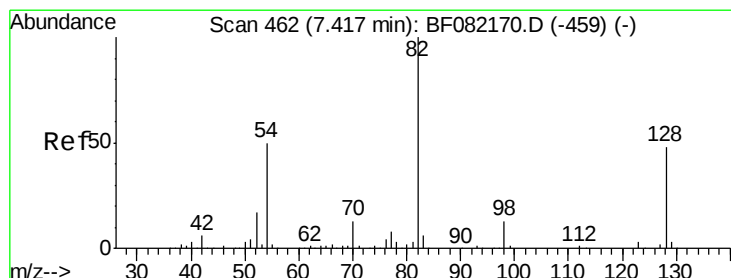
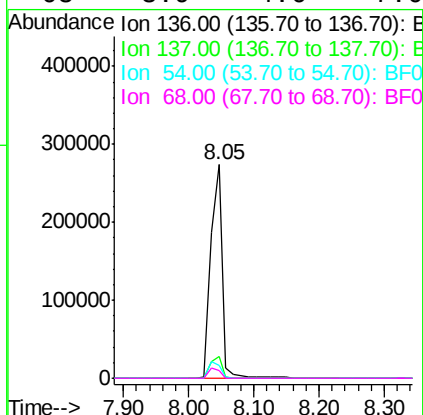
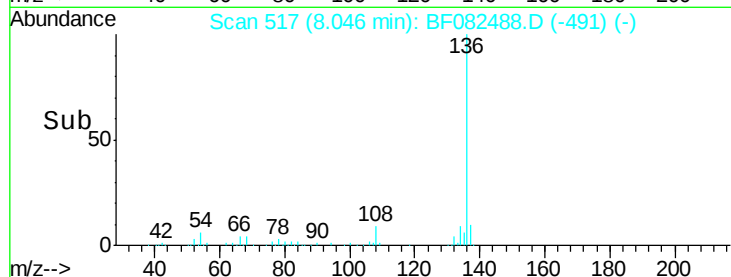
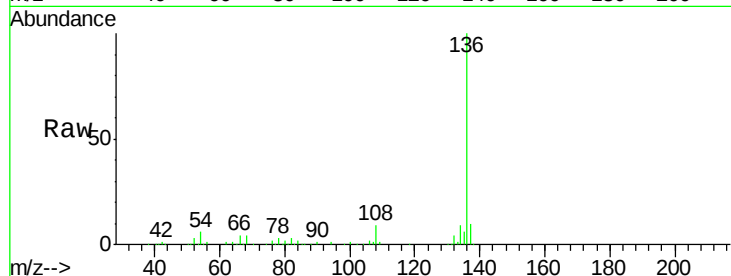




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.05 min Scan# 517
Delta R.T. 0.00 min
Lab File: BF082488.D
Acq: 24 Oct 2015 2:10

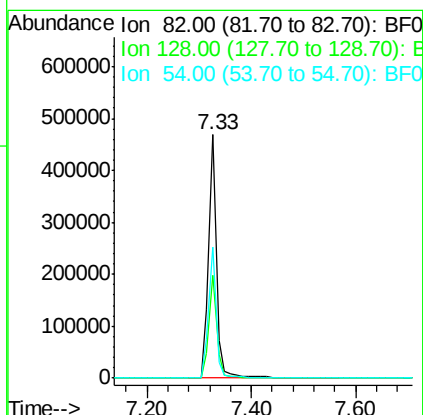
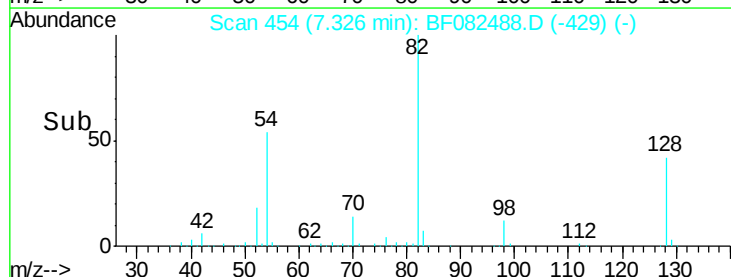
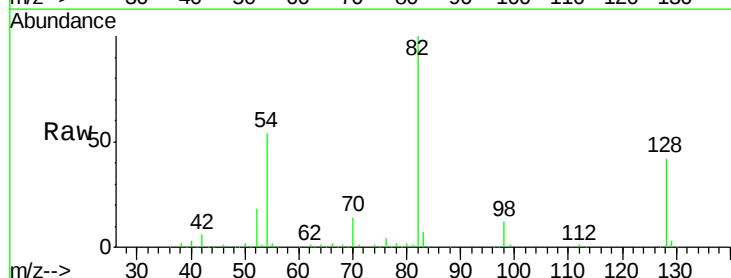
Instrument :
BNA_F
ClientSampleId :
NC-003

Tot Ion:136	Resp:	342231
Ion Ratio	Lower	Upper
136	100	
137	10.4	9.0 13.6
54	6.0	7.5 11.3#
68	3.9	4.6 7.0#



#23
Nitrobenzene-d5
Concen: 98.24 ng
RT: 7.33 min Scan# 454
Delta R.T. -0.01 min
Lab File: BF082488.D
Acq: 24 Oct 2015 2:10

Tgt Ion: 82	Resp:	500656
Ion Ratio	Lower	Upper
82	100	
128	42.4	38.7 58.1
54	53.7	40.1 60.1





#25

Isophorone

Concen: 38.64 ng

RT: 7.33 min Scan# 454

Delta R.T. -0.26 min

Lab File: BF082488.D

Acq: 24 Oct 2015 2:10

Instrument :

BNA_F

ClientSampleId :

NC-003

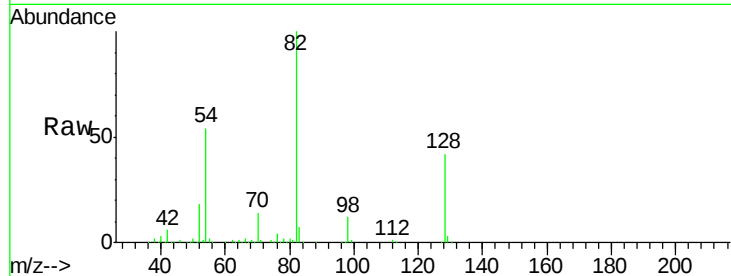
Tot Ion: 82 Resp: 397385

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

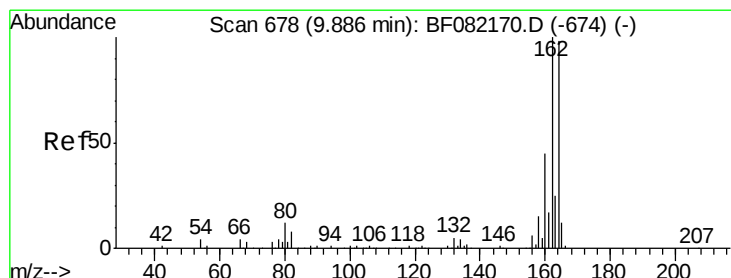
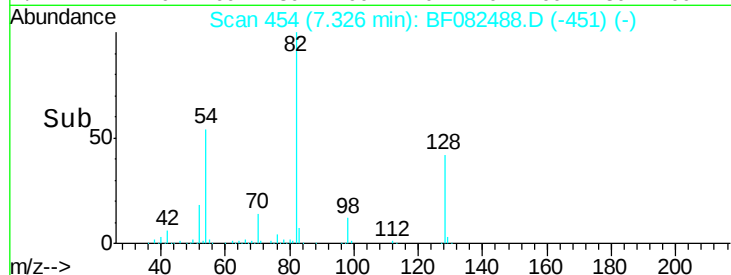
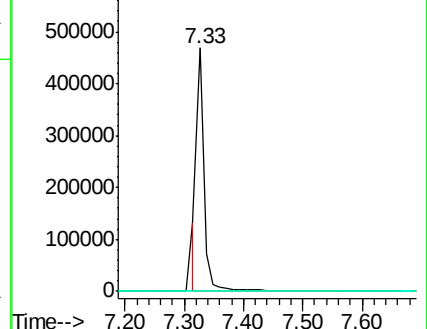
138 0.0 13.6 20.4#



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.79 min Scan# 670

Delta R.T. -0.01 min

Lab File: BF082488.D

Acq: 24 Oct 2015 2:10

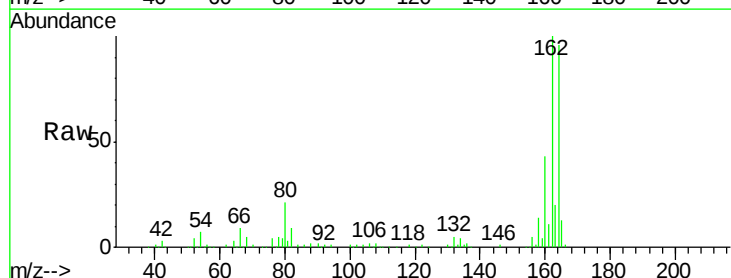
Tgt Ion:164 Resp: 164478

Ion Ratio Lower Upper

164 100

162 103.7 81.6 122.4

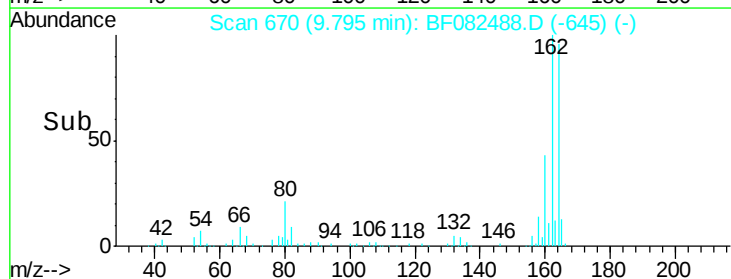
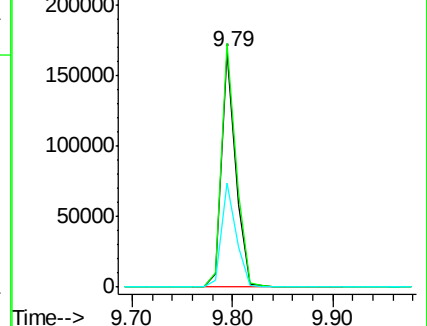
160 44.1 36.4 54.6



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

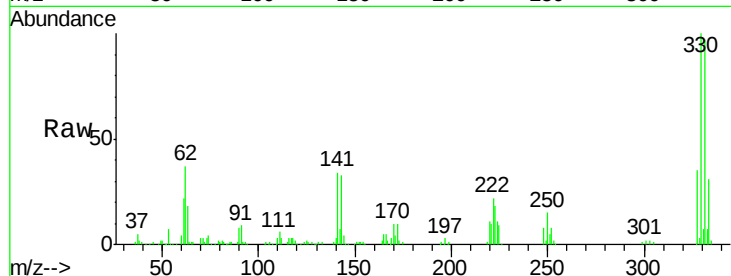




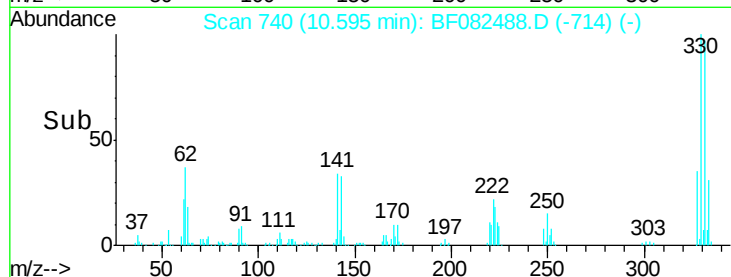
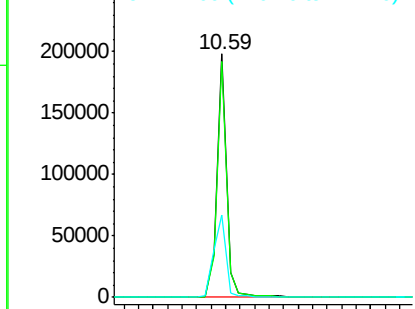
#41
 2,4,6-Tribromophenol
 Concen: 119.60 ng
 RT: 10.59 min Scan# 740
 Delta R.T. 0.00 min
 Lab File: BF082488.D
 Acq: 24 Oct 2015 2:10

Instrument :
 BNA_F
 ClientSampleId :
 NC-003

Tot Ion:330 Resp: 184487
 Ion Ratio Lower Upper
 330 100
 332 97.1 77.1 115.7
 141 42.7 29.8 44.8

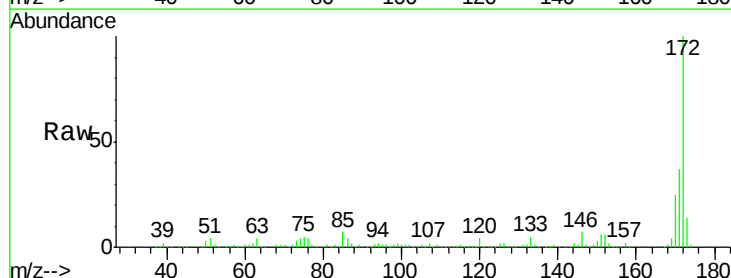


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

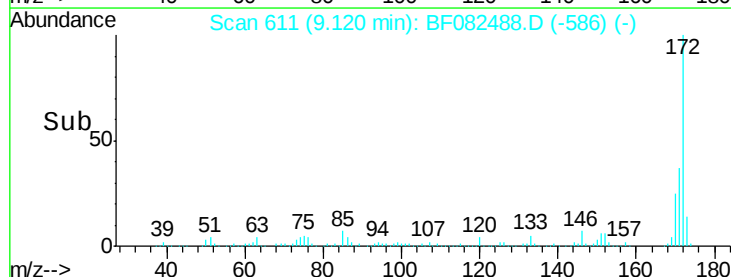
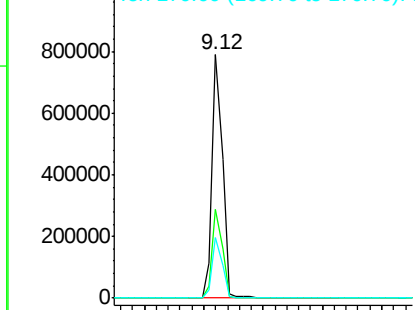


#44
 2-Fluorobiphenyl
 Concen: 97.12 ng
 RT: 9.12 min Scan# 611
 Delta R.T. -0.01 min
 Lab File: BF082488.D
 Acq: 24 Oct 2015 2:10

Tgt Ion:172 Resp: 963214
 Ion Ratio Lower Upper
 172 100
 171 36.6 28.6 42.8
 170 24.7 19.7 29.5



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

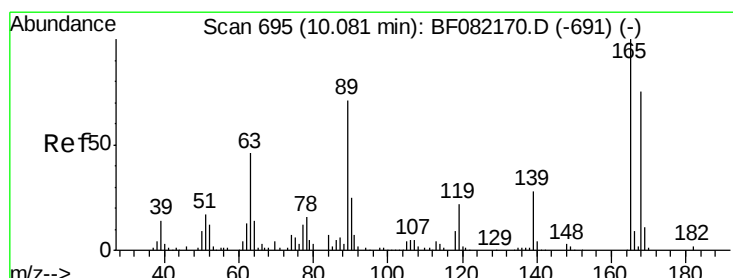
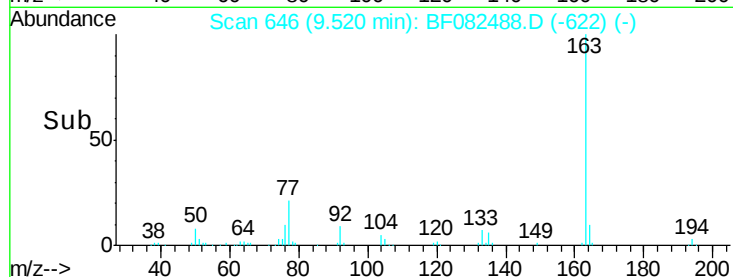
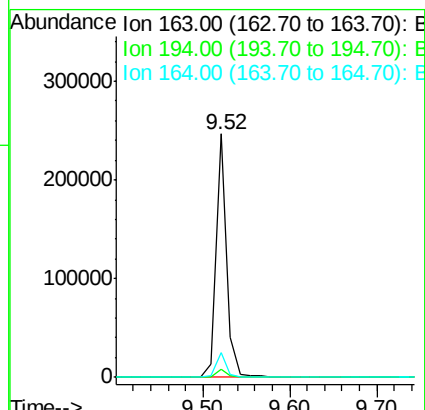
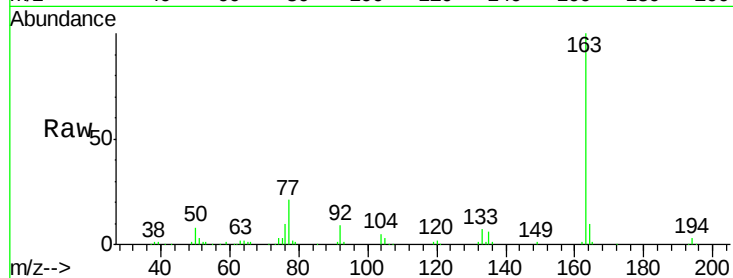




#49
Dimethylphthalate
Concen: 18.23 ng
RT: 9.52 min Scan# 646
Delta R.T. -0.02 min
Lab File: BF082488.D
Acq: 24 Oct 2015 2:10

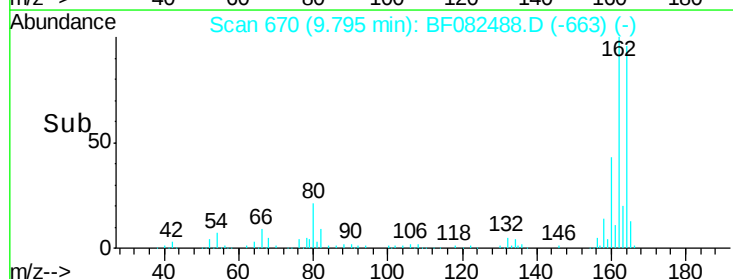
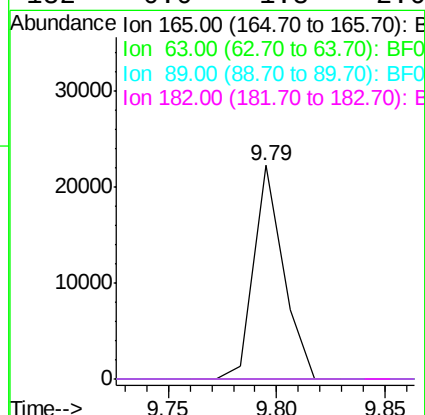
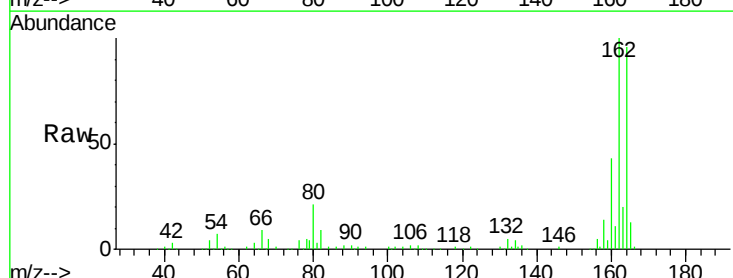
Instrument :
BNA_F
ClientSampleId :
NC-003

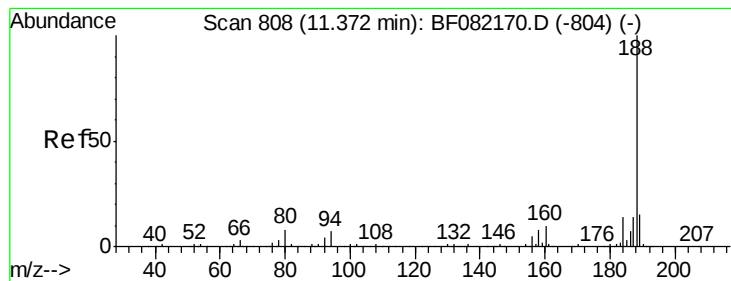
Tot Ion:163 Resp: 211180
Ion Ratio Lower Upper
163 100
194 3.2 2.6 4.0
164 10.3 8.5 12.7



#56
2,4-Dinitrotoluene
Concen: 6.92 ng
RT: 9.79 min Scan# 670
Delta R.T. -0.22 min
Lab File: BF082488.D
Acq: 24 Oct 2015 2:10

Tgt Ion:165 Resp: 21135
Ion Ratio Lower Upper
165 100
63 0.0 38.6 58.0#
89 0.0 57.0 85.6#
182 0.0 1.8 2.6#





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.28 min Scan# 800

Delta R.T. -0.01 min

Lab File: BF082488.D

Acq: 24 Oct 2015 2:10

Instrument :

BNA_F

ClientSampleId :

NC-003

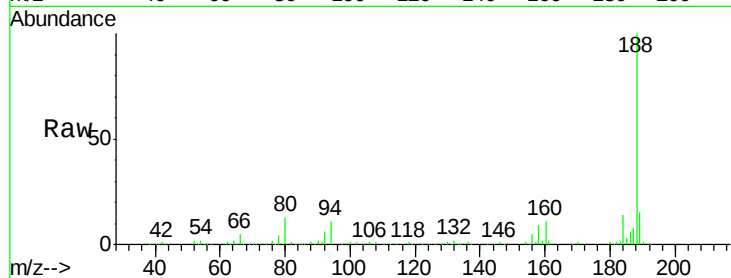
Tot Ion:188 Resp: 300061

Ion Ratio Lower Upper

188 100

94 11.4 5.8 8.6#

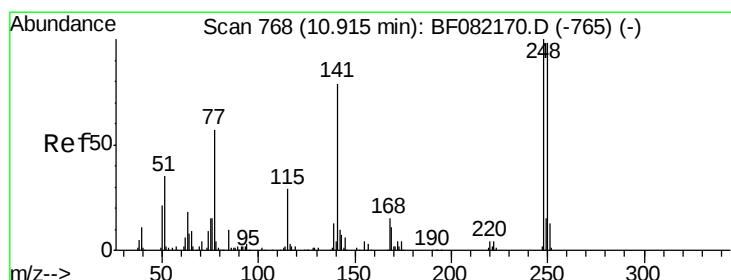
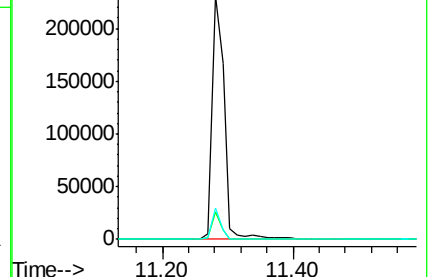
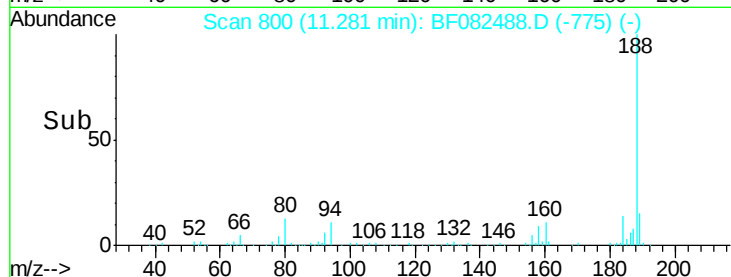
80 12.9 6.4 9.6#



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: 4.73 ng

RT: 10.59 min Scan# 740

Delta R.T. -0.24 min

Lab File: BF082488.D

Acq: 24 Oct 2015 2:10

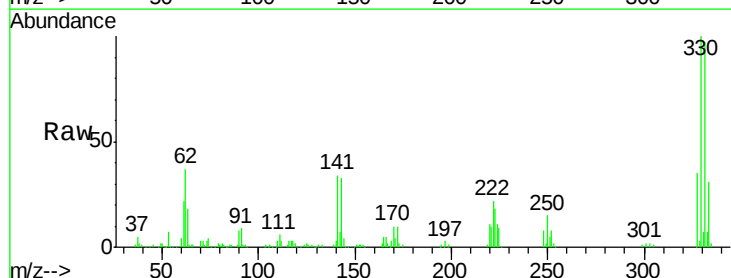
Tgt Ion:248 Resp: 14193

Ion Ratio Lower Upper

248 100

250 193.7 78.6 117.8#

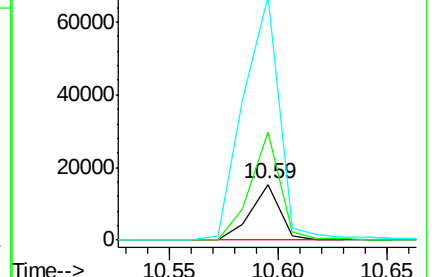
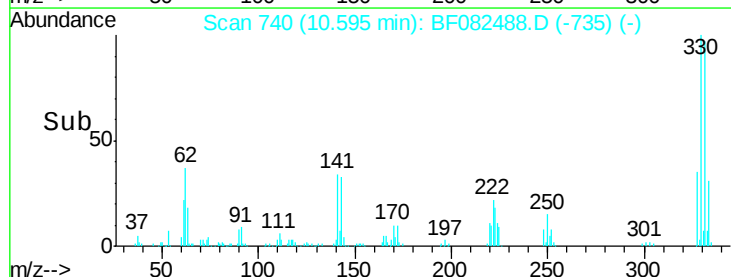
141 439.1 63.3 94.9#

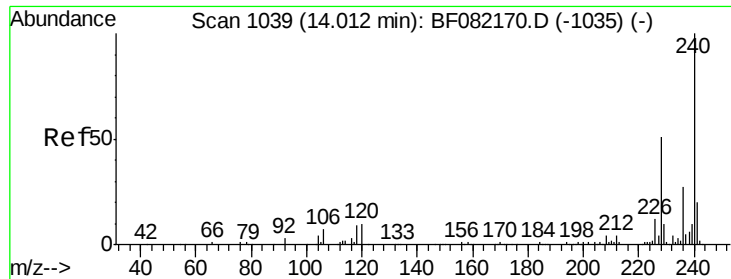


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

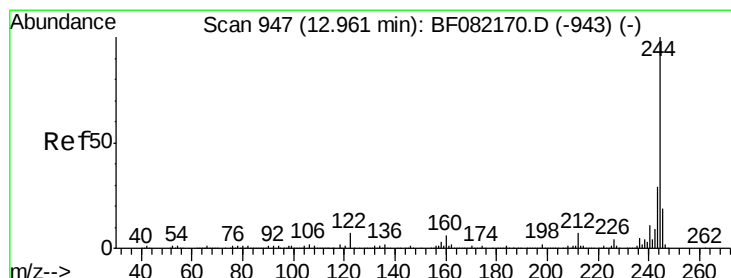
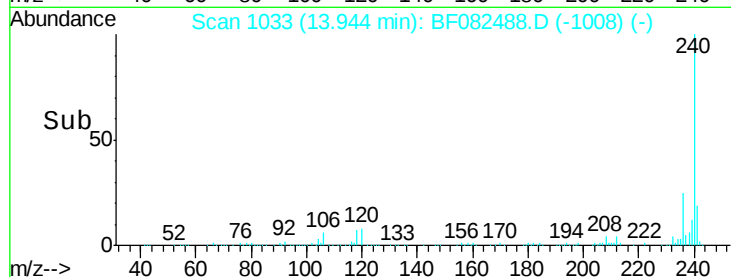
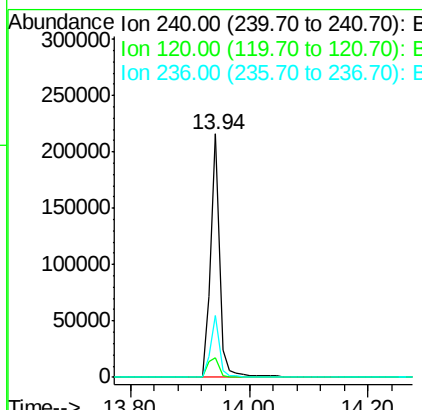
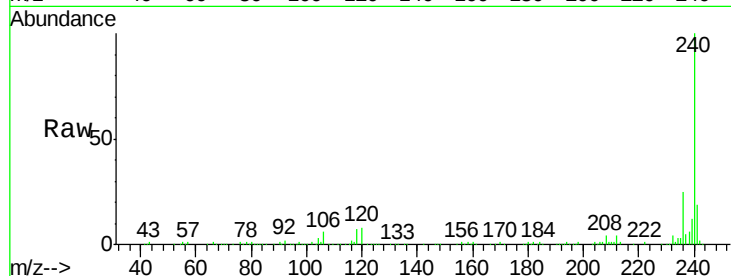




#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.94 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF082488.D
Acq: 24 Oct 2015 2:10

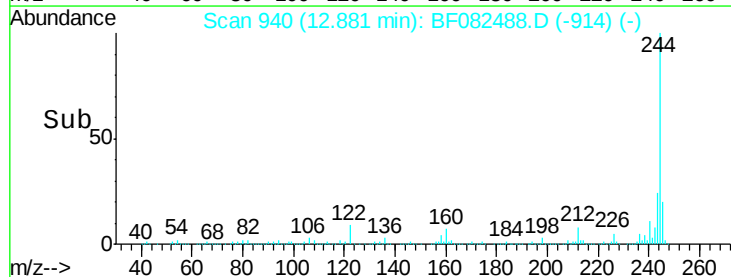
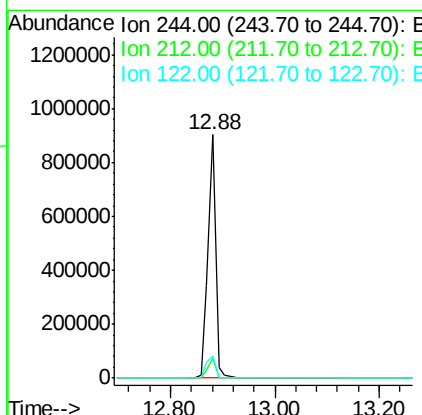
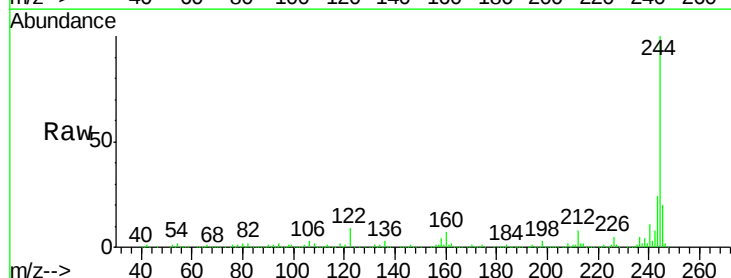
Instrument :
BNA_F
ClientSampled :
NC-003

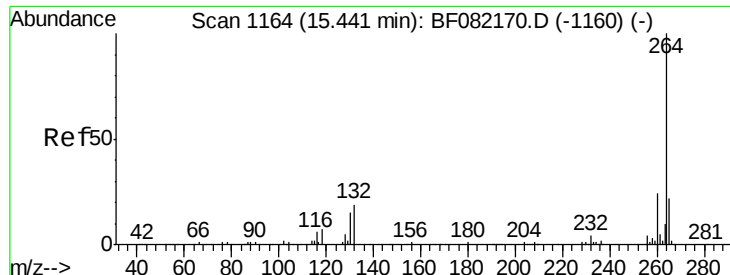
Tot Ion:240 Resp: 231049
Ion Ratio Lower Upper
240 100
120 8.0 8.1 12.1#
236 25.2 21.3 31.9



#78
Terphenyl-d14
Concen: 105.38 ng
RT: 12.88 min Scan# 940
Delta R.T. 0.00 min
Lab File: BF082488.D
Acq: 24 Oct 2015 2:10

Tgt Ion:244 Resp: 918790
Ion Ratio Lower Upper
244 100
212 8.1 5.8 8.6
122 9.3 5.9 8.9#

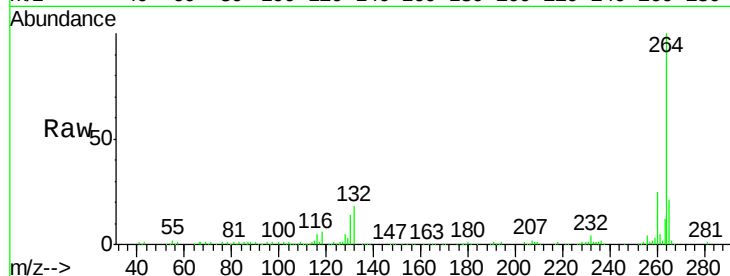




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.41 min Scan# 1161
Delta R.T. -0.01 min
Lab File: BF082488.D
Acq: 24 Oct 2015 2:10

Instrument :
BNA_F
ClientSampleId :
NC-003

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.0	28.6
265	21.3	17.3	25.9



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

