

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102315\
 Data File : BF082496.D
 Acq On : 24 Oct 2015 6:45
 Operator : UM/IZ
 Sample : G4116-03RE
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NB3-02(0-2)

Quant Time: Oct 24 23:19:00 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 23 15:17:13 2015
 Response via : Initial Calibration

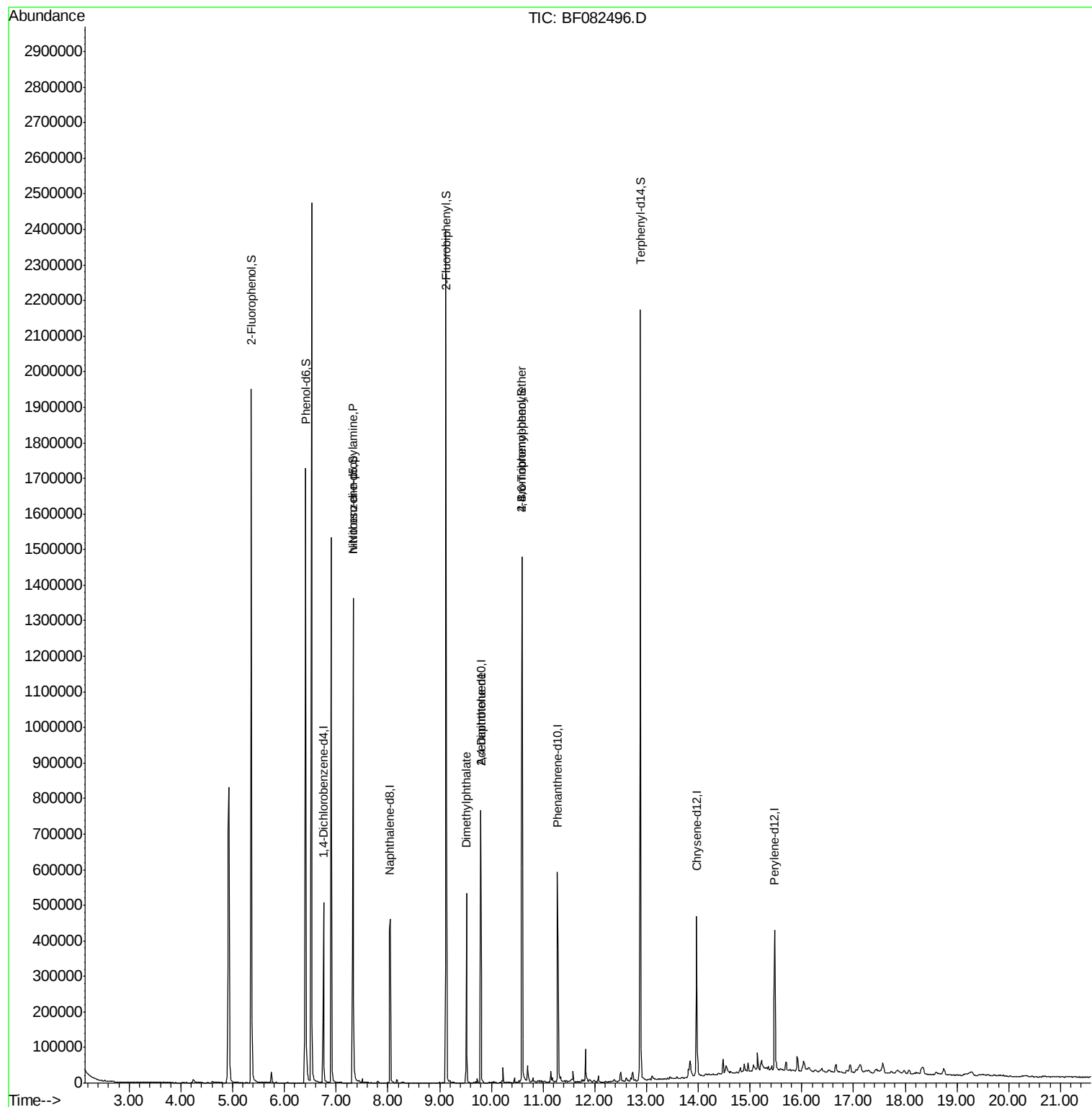
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	91256	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	337819	20.00	ng	0.00
38) Acenaphthene-d10	9.79	164	168673	20.00	ng	-0.01
63) Phenanthrene-d10	11.28	188	298483	20.00	ng	-0.01
75) Chrysene-d12	13.97	240	208706	20.00	ng	-0.07
86) Perylene-d12	15.48	264	190505	20.00	ng	-0.15
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	679999	150.39	ng	0.01
7) Phenol-d6	6.41	99	881838	149.87	ng	-0.01
23) Nitrobenzene-d5	7.33	82	507496	100.89	ng	-0.01
41) 2,4,6-Tribromophenol	10.59	330	180808	114.30	ng	-0.01
44) 2-Fluorobiphenyl	9.12	172	866042	85.15	ng	-0.01
78) Terphenyl-d14	12.88	244	789392	100.23	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.33	70	66208	16.02	ng	# 78
49) Dimethylphthalate	9.52	163	215109	18.11	ng	99
56) 2,4-Dinitrotoluene	9.79	165	21366	6.82	ng	# 23
66) 4-Bromophenyl-phenylether	10.59	248	14357	4.81	ng	# 1

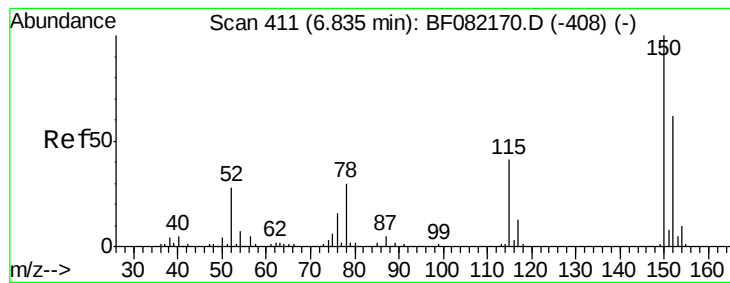
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Oct 23 15:17:13 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.75 min Scan# 404

Delta R.T. 0.00 min

Lab File: BF082496.D

Acq: 24 Oct 2015 6:45

Instrument :

BNA_F

ClientSampleId :

NB3-02(0-2)

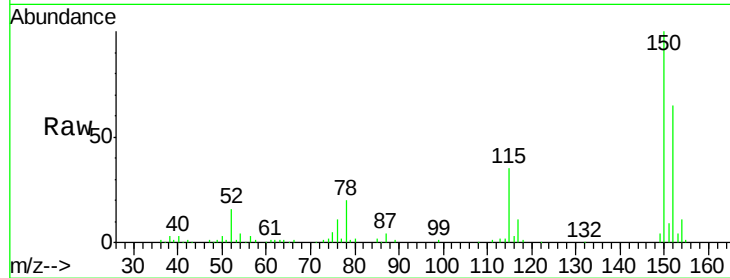
Tgt Ion:152 Resp: 91256

Ion Ratio Lower Upper

152 100

150 154.4 129.0 193.4

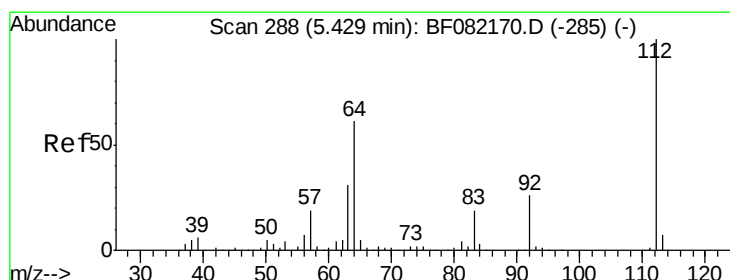
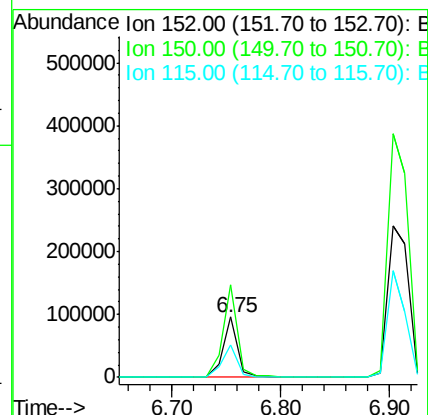
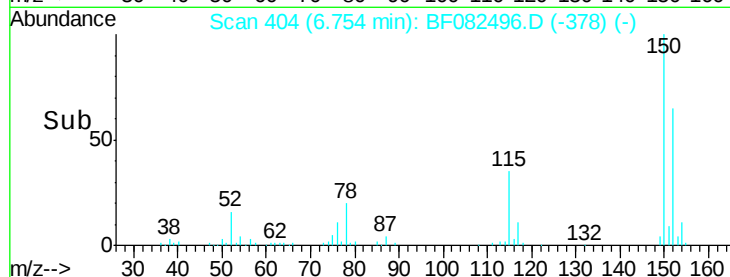
115 54.1 52.1 78.1



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: 150.39 ng

RT: 5.36 min Scan# 282

Delta R.T. 0.01 min

Lab File: BF082496.D

Acq: 24 Oct 2015 6:45

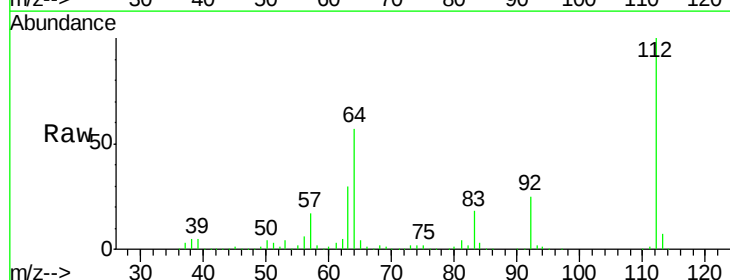
Tgt Ion:112 Resp: 679999

Ion Ratio Lower Upper

112 100

64 56.7 48.6 73.0

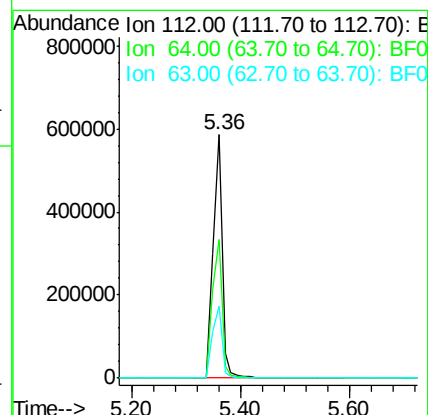
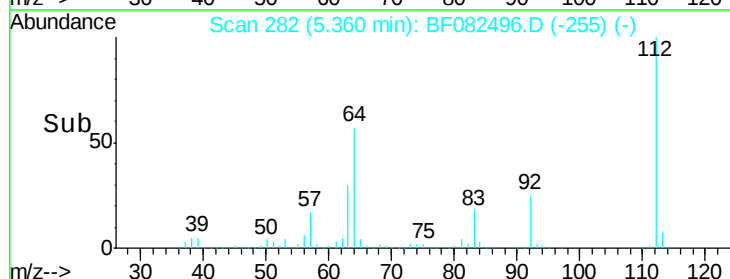
63 29.8 25.1 37.7

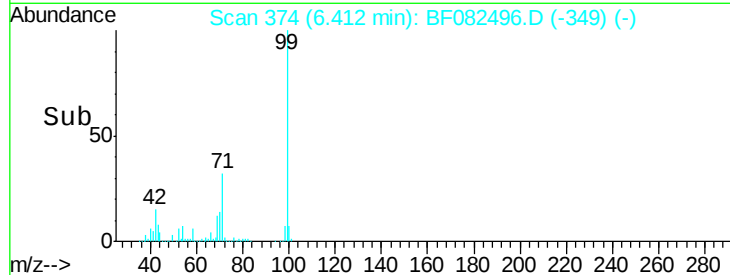
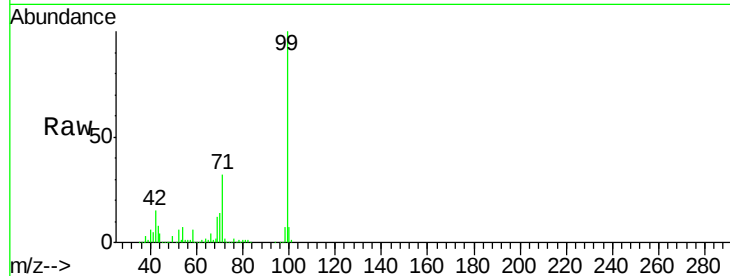


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 149.87 ng

RT: 6.41 min Scan# 374

Delta R.T. -0.01 min

Lab File: BF082496.D

Acq: 24 Oct 2015 6:45

Instrument :

BNA_F

ClientSampleId :

NB3-02(0-2)

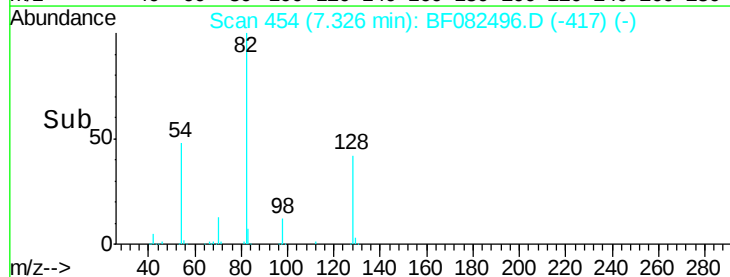
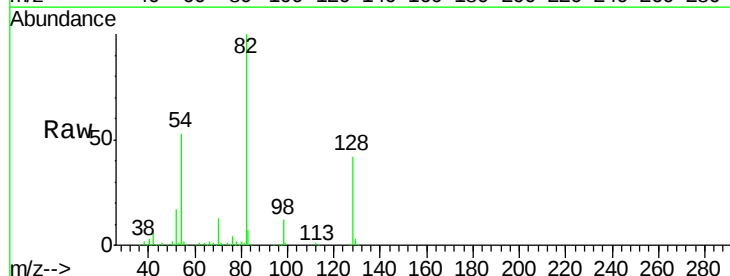
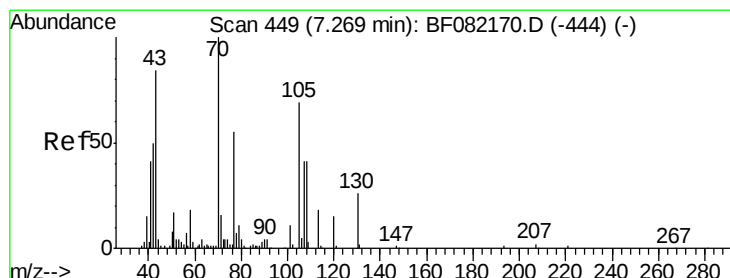
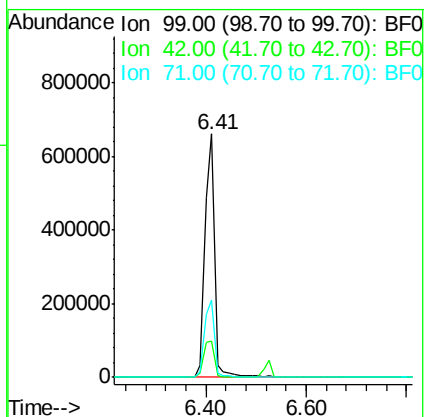
Tgt Ion: 99 Resp: 881838

Ion Ratio Lower Upper

99 100

42 14.9 13.2 19.8

71 31.9 25.6 38.4



#19

n-Nitroso-di-n-propylamine

Concen: 16.02 ng

RT: 7.33 min Scan# 454

Delta R.T. 0.13 min

Lab File: BF082496.D

Acq: 24 Oct 2015 6:45

Tgt Ion: 70 Resp: 66208

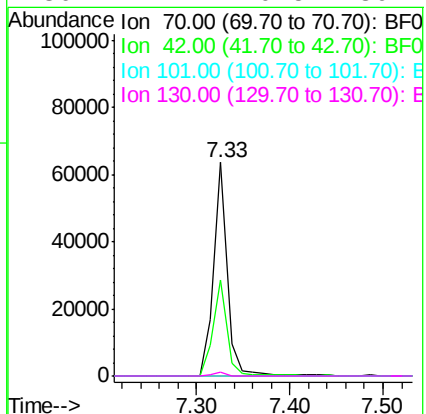
Ion Ratio Lower Upper

70 100

42 44.8 39.8 59.8

101 0.0 8.6 13.0#

130 1.7 20.5 30.7#

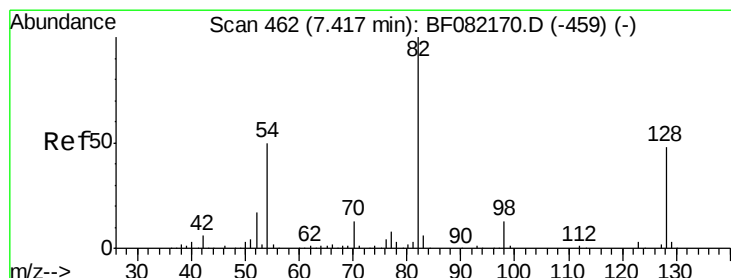
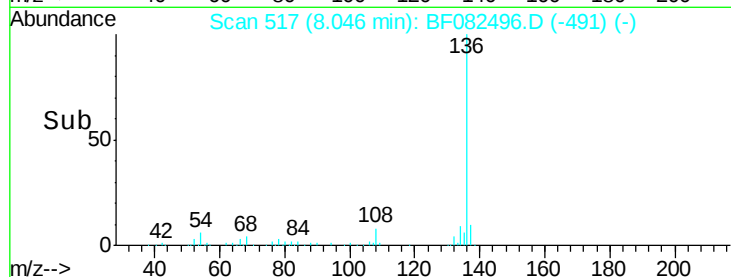
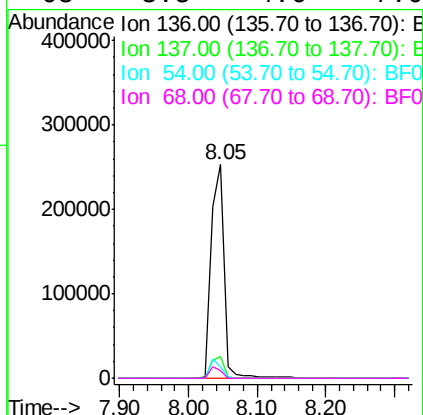
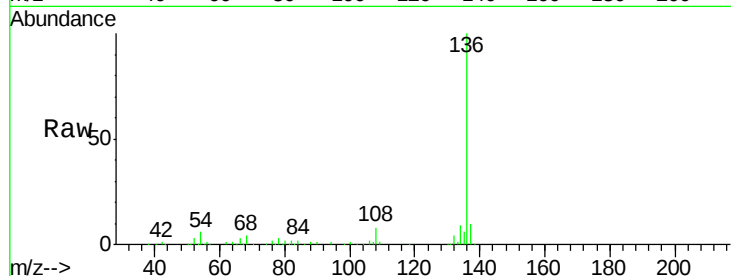




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.05 min Scan# 517
Delta R.T. 0.00 min
Lab File: BF082496.D
Acq: 24 Oct 2015 6:45

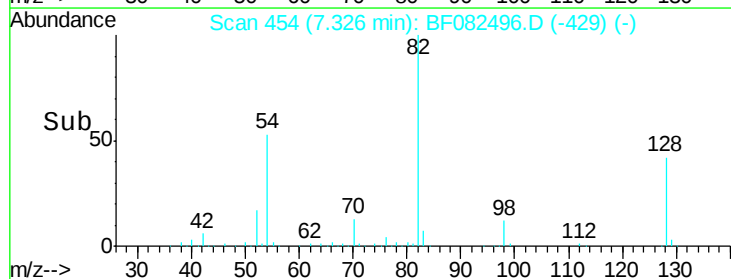
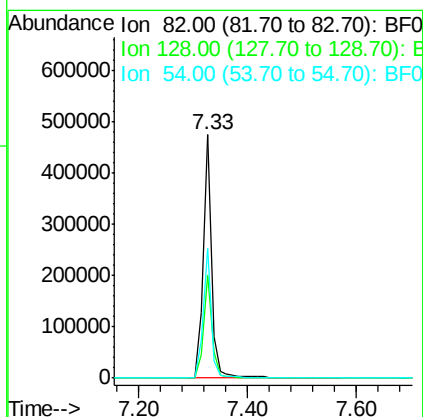
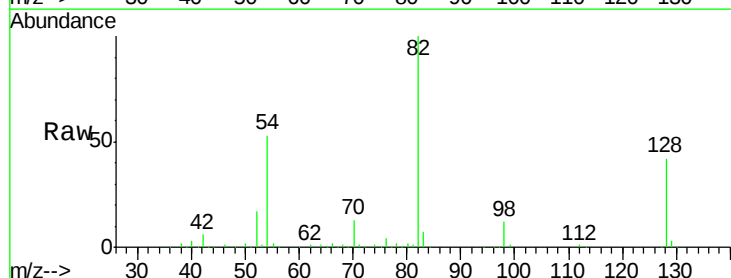
Instrument :
BNA_F
ClientSampleId :
NB3-02(0-2)

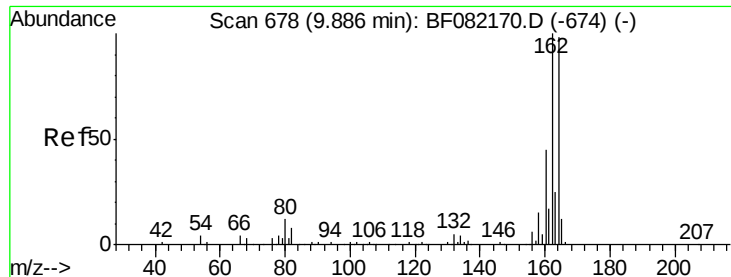
Tgt Ion:	136	Resp:	337819
Ion	Ratio	Lower	Upper
136	100		
137	10.3	9.0	13.6
54	5.6	7.5	11.3#
68	3.8	4.6	7.0#



#23
Nitrobenzene-d5
Concen: 100.89 ng
RT: 7.33 min Scan# 454
Delta R.T. -0.01 min
Lab File: BF082496.D
Acq: 24 Oct 2015 6:45

Tgt Ion:	82	Resp:	507496
Ion	Ratio	Lower	Upper
82	100		
128	42.2	38.7	58.1
54	53.4	40.1	60.1

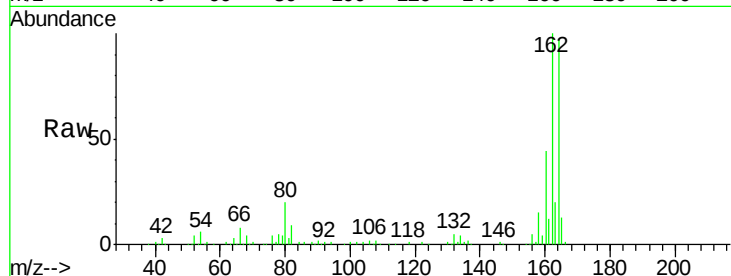




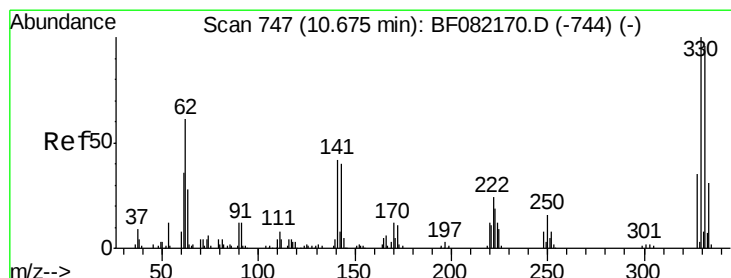
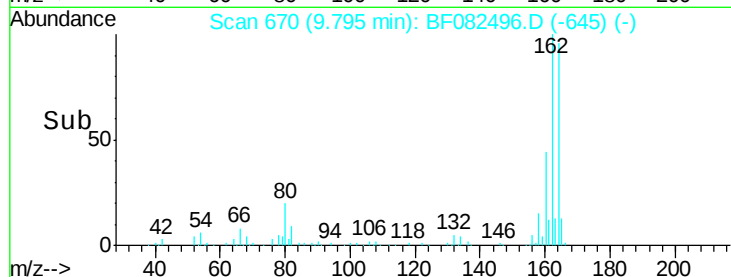
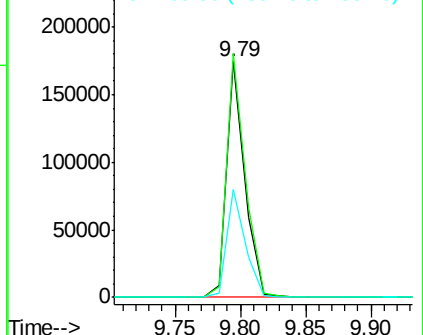
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.79 min Scan# 670
Delta R.T. -0.01 min
Lab File: BF082496.D
Acq: 24 Oct 2015 6:45

Instrument :
BNA_F
ClientSampleId :
NB3-02(0-2)

Tgt Ion:164 Resp: 168673
Ion Ratio Lower Upper
164 100
162 103.4 81.6 122.4
160 45.7 36.4 54.6

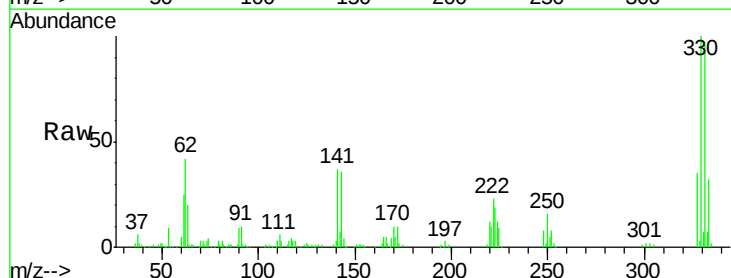


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

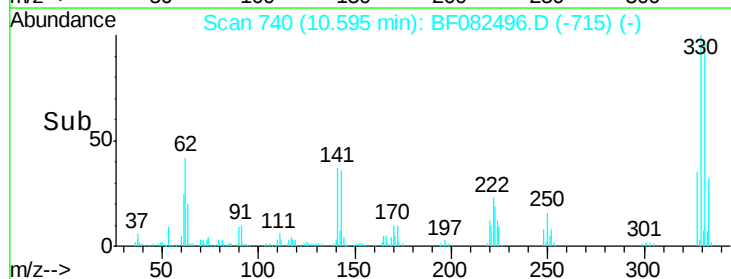
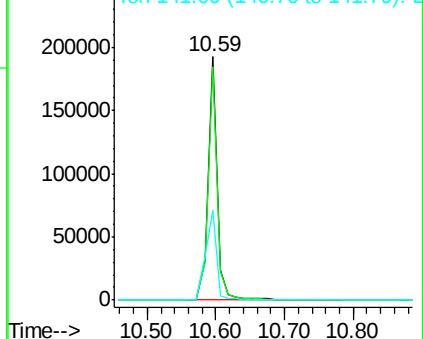


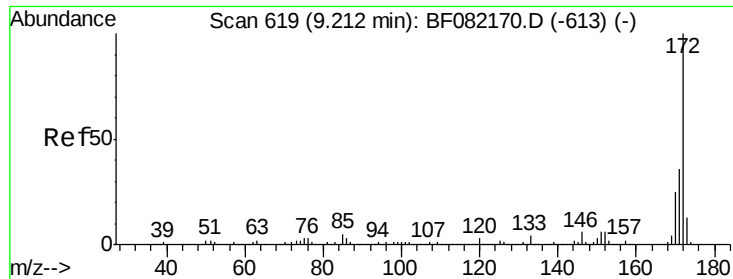
#41
2,4,6-Tribromophenol
Concen: 114.30 ng
RT: 10.59 min Scan# 740
Delta R.T. -0.01 min
Lab File: BF082496.D
Acq: 24 Oct 2015 6:45

Tgt Ion:330 Resp: 180808
Ion Ratio Lower Upper
330 100
332 95.4 77.1 115.7
141 43.9 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

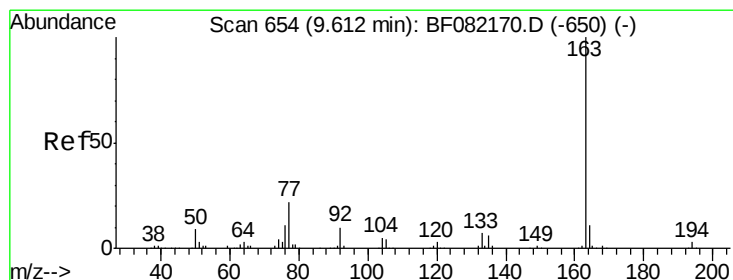
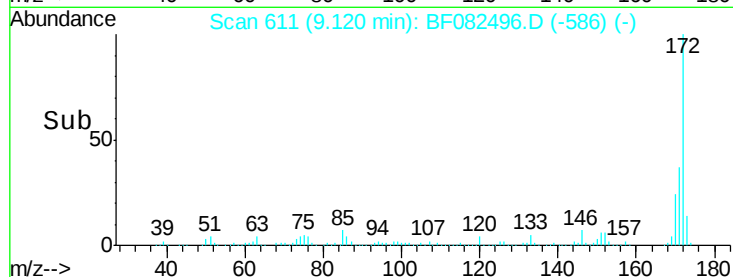
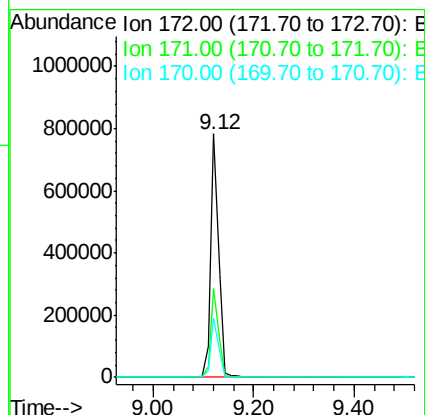
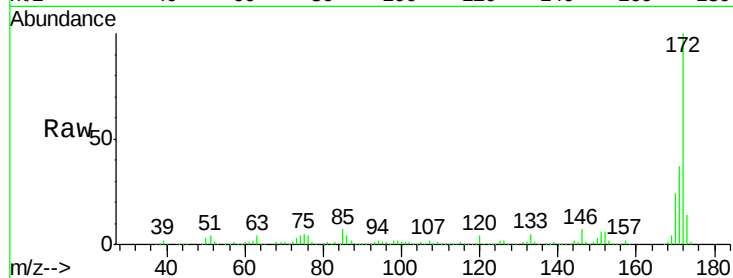




#44
 2-Fluorobiphenyl
 Concen: 85.15 ng
 RT: 9.12 min Scan# 611
 Delta R.T. -0.01 min
 Lab File: BF082496.D
 Acq: 24 Oct 2015 6:45

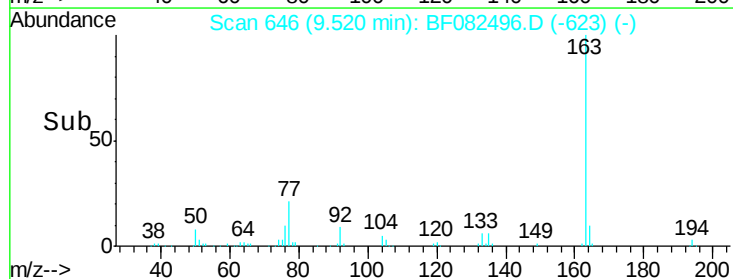
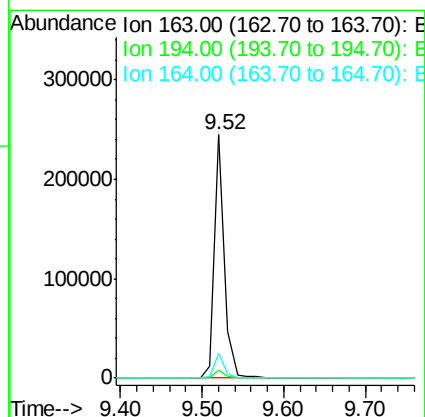
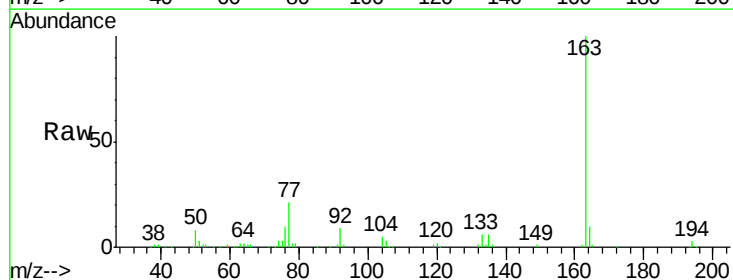
Instrument :
 BNA_F
 ClientSampleId :
 NB3-02(0-2)

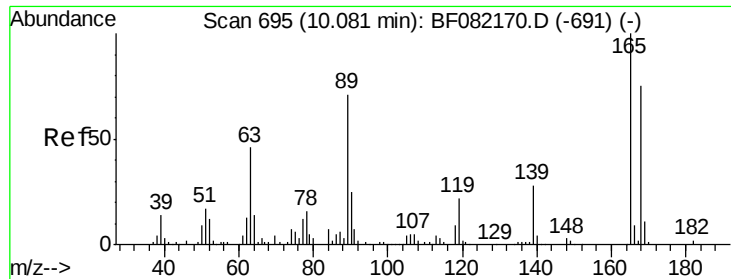
Tgt Ion:172 Resp: 866042
 Ion Ratio Lower Upper
 172 100
 171 36.5 28.6 42.8
 170 24.4 19.7 29.5



#49
 Dimethylphthalate
 Concen: 18.11 ng
 RT: 9.52 min Scan# 646
 Delta R.T. -0.03 min
 Lab File: BF082496.D
 Acq: 24 Oct 2015 6:45

Tgt Ion:163 Resp: 215109
 Ion Ratio Lower Upper
 163 100
 194 3.3 2.6 4.0
 164 10.2 8.5 12.7

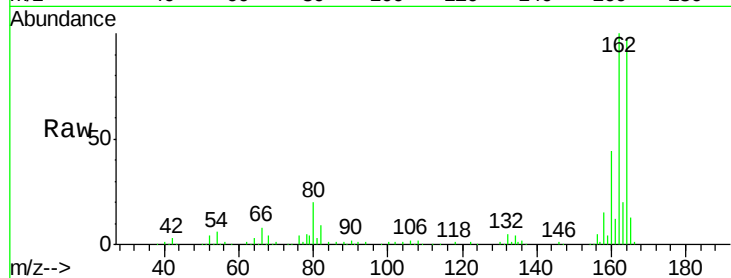




#56
 2,4-Dinitrotoluene
 Concen: 6.82 ng
 RT: 9.79 min Scan# 670
 Delta R.T. -0.23 min
 Lab File: BF082496.D
 Acq: 24 Oct 2015 6:45

Instrument :
 BNA_F
 ClientSampleId :
 NB3-02(0-2)

Tgt Ion:	165	Resp:	21366
Ion	Ratio	Lower	Upper
165	100		
63	1.5	38.6	58.0#
89	1.5	57.0	85.6#
182	0.0	1.8	2.6#

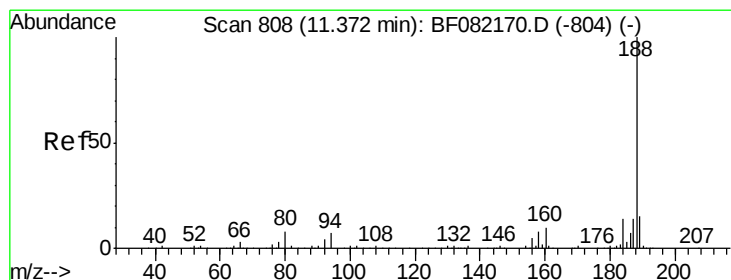
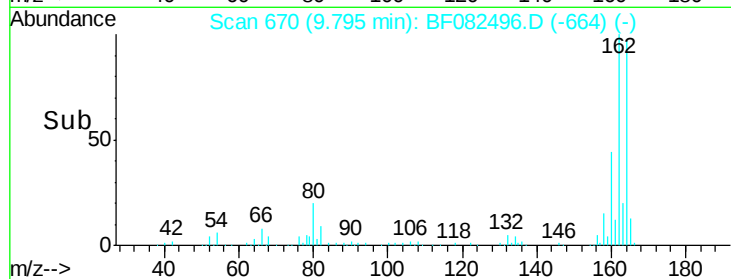
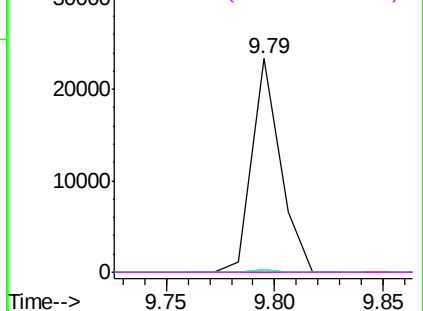


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

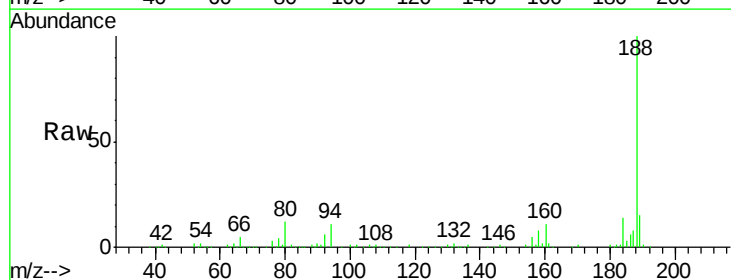
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.28 min Scan# 800
 Delta R.T. -0.01 min
 Lab File: BF082496.D
 Acq: 24 Oct 2015 6:45

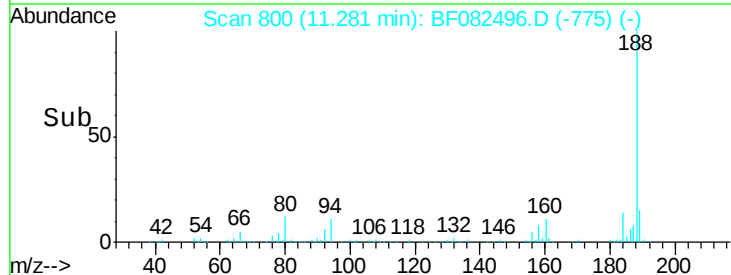
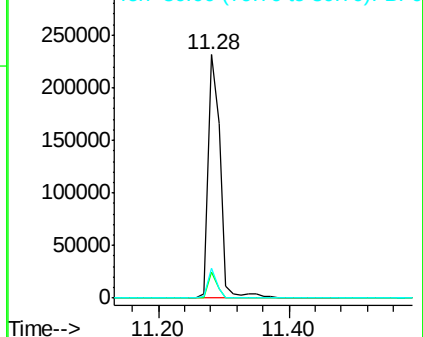
Tgt Ion:	188	Resp:	298483
Ion	Ratio	Lower	Upper
188	100		
94	10.8	5.8	8.6#
80	12.4	6.4	9.6#

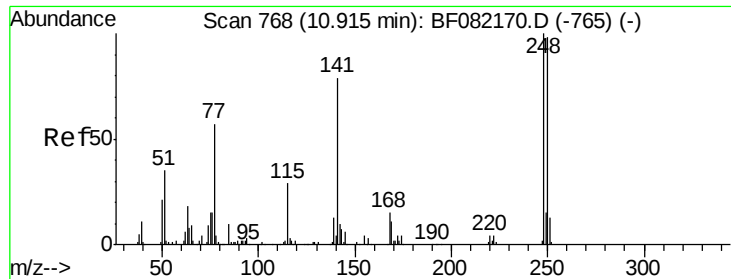


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

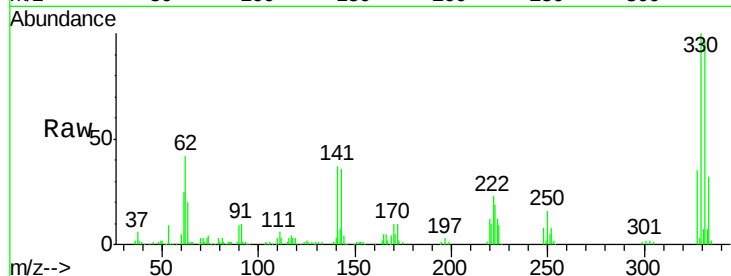




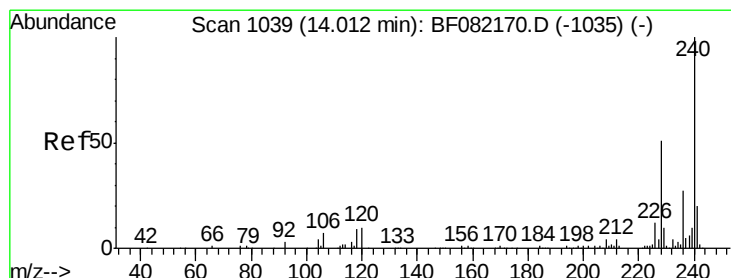
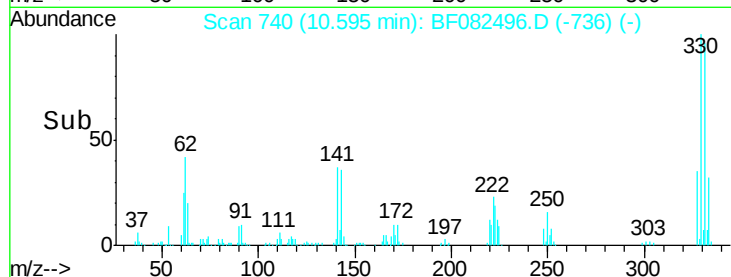
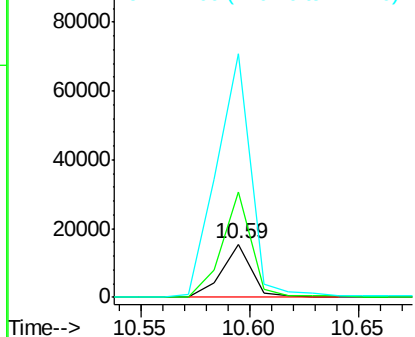
#66
4-Bromophenyl-phenylether
Concen: 4.81 ng
RT: 10.59 min Scan# 740
Delta R.T. -0.25 min
Lab File: BF082496.D
Acq: 24 Oct 2015 6:45

Instrument :
BNA_F
ClientSampleId :
NB3-02(0-2)

Tgt Ion:248 Resp: 14357
Ion Ratio Lower Upper
248 100
250 199.5 78.6 117.8#
141 460.4 63.3 94.9#

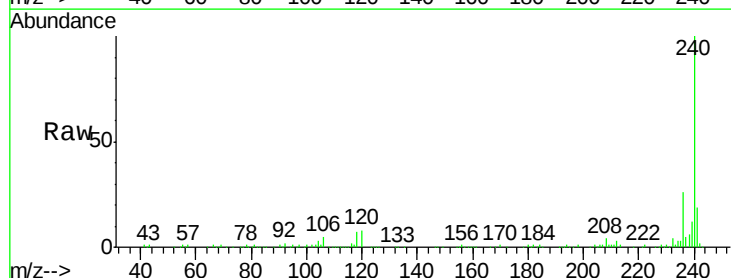


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

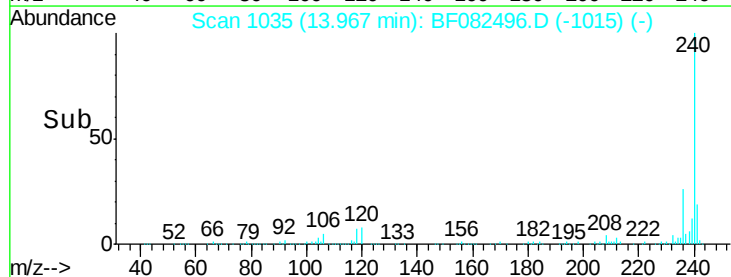
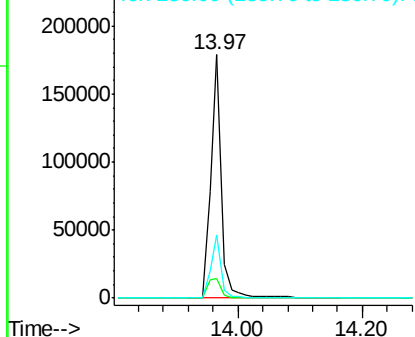


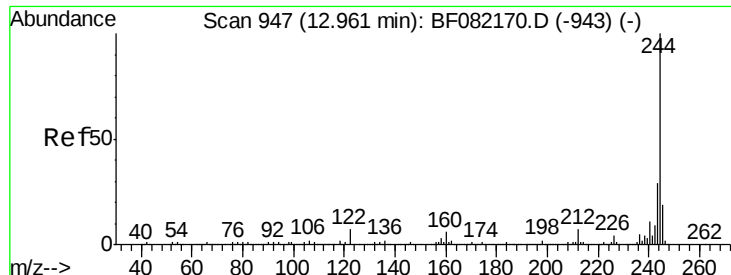
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.97 min Scan# 1035
Delta R.T. -0.07 min
Lab File: BF082496.D
Acq: 24 Oct 2015 6:45

Tgt Ion:240 Resp: 208706
Ion Ratio Lower Upper
240 100
120 7.9 8.1 12.1#
236 26.0 21.3 31.9



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

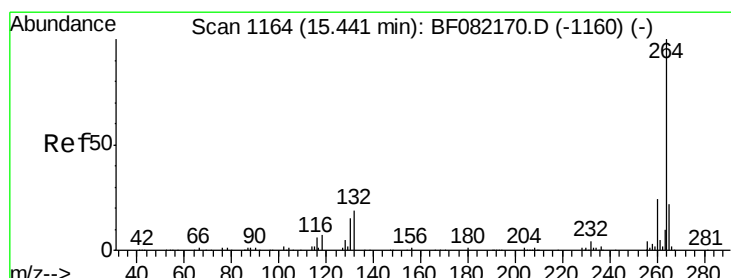
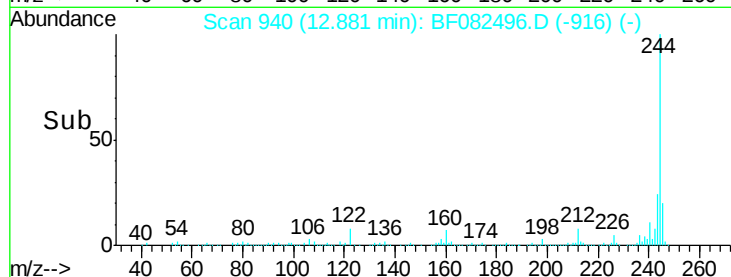
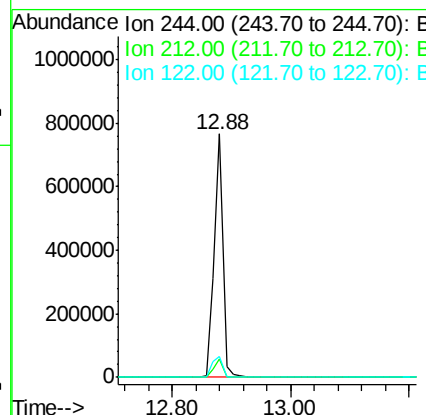
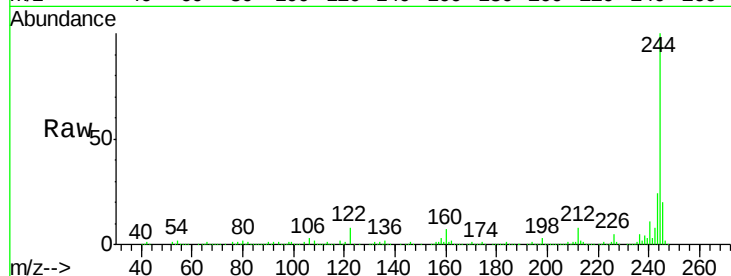




#78
 Terphenyl-d14
 Concen: 100.23 ng
 RT: 12.88 min Scan# 940
 Delta R.T. -0.02 min
 Lab File: BF082496.D
 Acq: 24 Oct 2015 6:45

Instrument :
 BNA_F
 ClientSampleId :
 NB3-02(0-2)

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.7	5.8	8.6
122	8.3	5.9	8.9



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.48 min Scan# 1167
 Delta R.T. -0.15 min
 Lab File: BF082496.D
 Acq: 24 Oct 2015 6:45

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.0	28.6
265	20.9	17.3	25.9

