

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101315\
 Data File : BF082246.D
 Acq On : 13 Oct 2015 6:30
 Operator : UM/IZ
 Sample : G3990-24
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW35

Quant Time: Oct 13 07:59:07 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 12 01:46:21 2015
 Response via : Initial Calibration

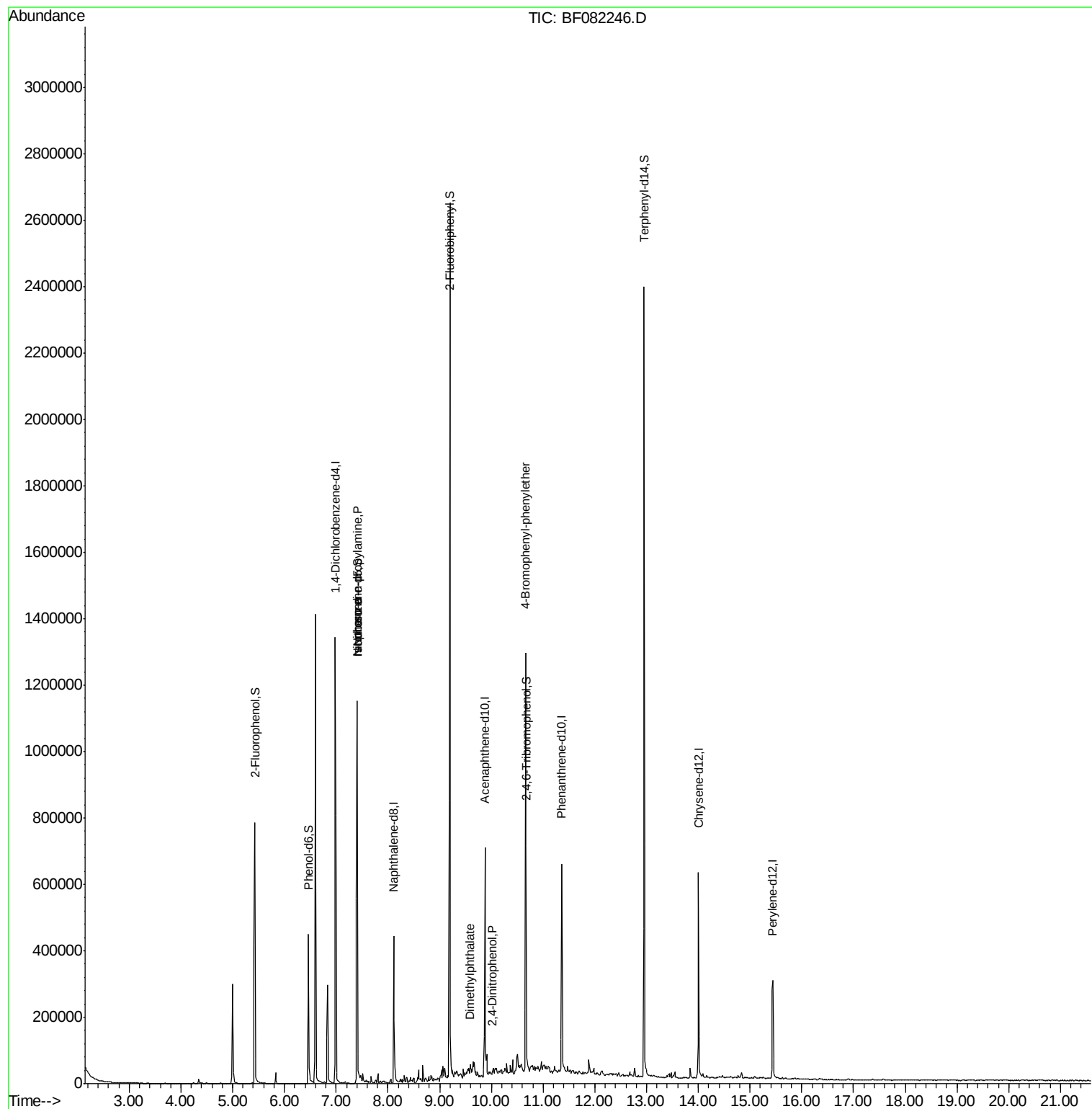
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.98	152	275149	20.00	ng	0.15
21) Naphthalene-d8	8.11	136	245917	20.00	ng	-0.01
38) Acenaphthene-d10	9.87	164	132149	20.00	ng	-0.01
63) Phenanthrene-d10	11.36	188	250174	20.00	ng	-0.01
75) Chrysene-d12	14.00	240	239965	20.00	ng	-0.01
86) Perylene-d12	15.44	264	185173	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	276322	20.27	ng	0.00
7) Phenol-d6	6.47	99	214051	12.07	ng	-0.01
23) Nitrobenzene-d5	7.41	82	472823	129.12	ng	-0.01
41) 2,4,6-Tribromophenol	10.67	330	204638	165.12	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	888281	111.47	ng	-0.01
78) Terphenyl-d14	12.95	244	855112	94.43	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.41	70	62156	4.99	ng	# 76
25) Isophorone	7.41	82	458663	62.06	ng	# 66
49) Dimethylphthalate	9.59	163	18723	2.01	ng	# 95
53) 2,4-Dinitrophenol	10.02	184	730	7.01	ng	89
55) 4-Nitrophenol	10.02	139	575	Below Cal	#	66
66) 4-Bromophenyl-phenylether	10.66	248	12746	5.09	ng	# 1

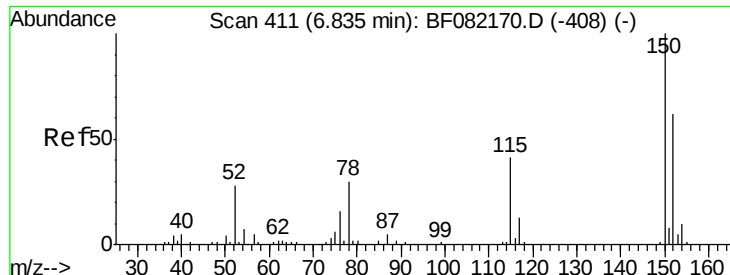
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101315\
Data File : BF082246.D
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ALS Vial : 28 Sample Multiplier: 1

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QLast Update : Mon Oct 12 01:46:21 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.98 min Scan# 424

Delta R.T. 0.15 min

Lab File: BF082246.D

Acq: 13 Oct 2015 6:30

Instrument :

BNA_F

ClientSampleId :

MW35

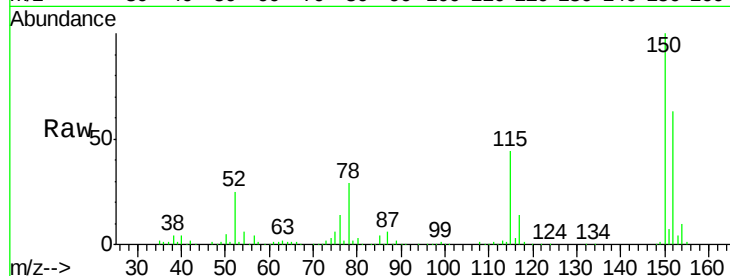
Tot Ion:152 Resp: 275149

Ion Ratio Lower Upper

152 100

150 158.5 129.0 193.4

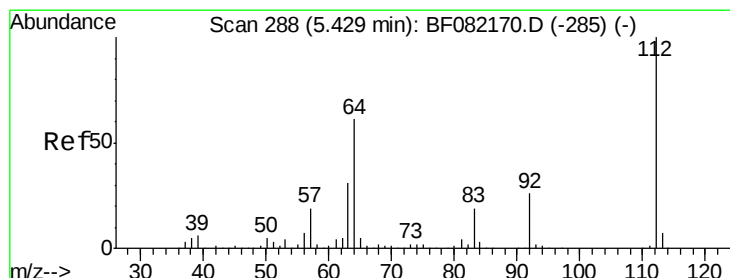
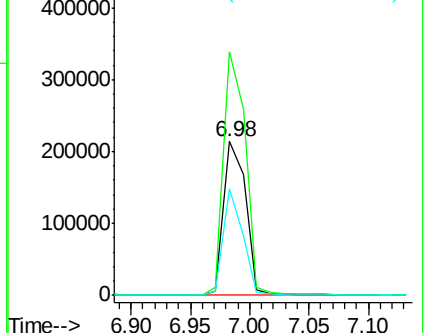
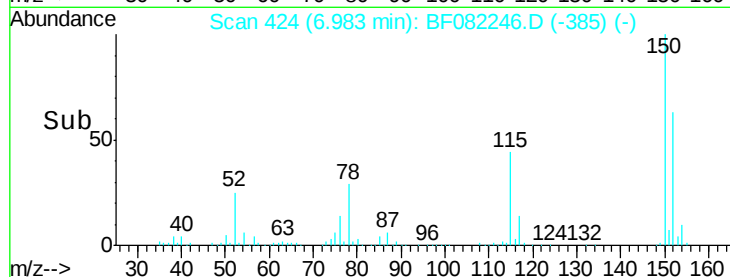
115 69.6 52.1 78.1



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: 20.27 ng

RT: 5.43 min Scan# 288

Delta R.T. -0.00 min

Lab File: BF082246.D

Acq: 13 Oct 2015 6:30

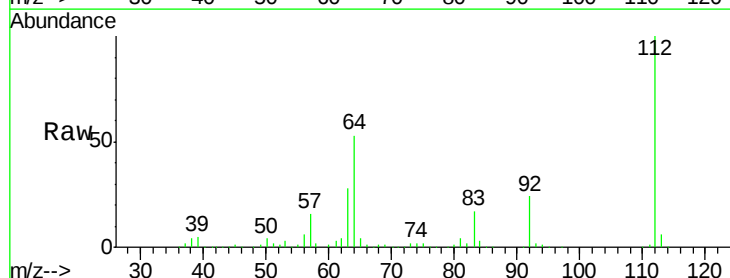
Tgt Ion:112 Resp: 276322

Ion Ratio Lower Upper

112 100

64 53.0 48.6 73.0

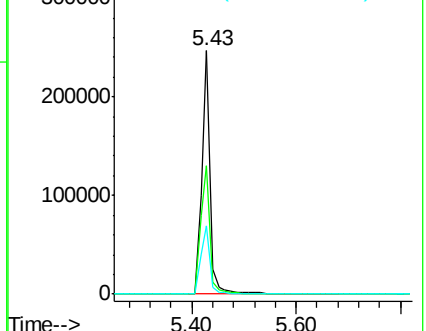
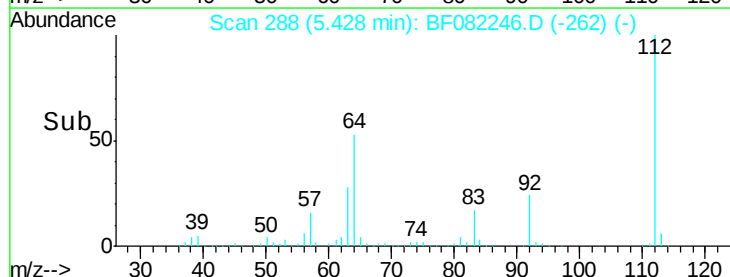
63 27.9 25.1 37.7

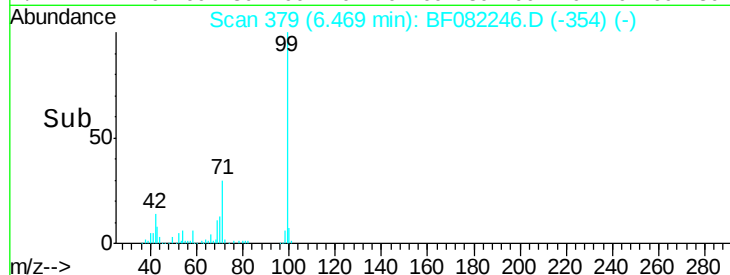
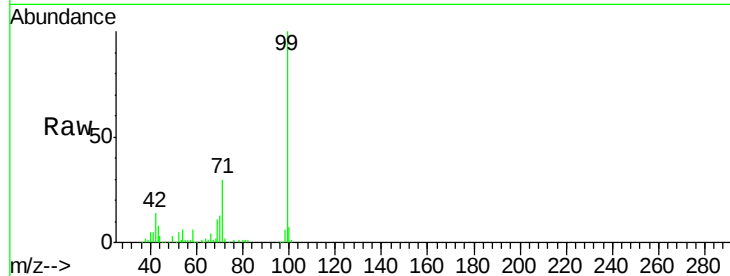


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 12.07 ng

RT: 6.47 min Scan# 379

Delta R.T. -0.01 min

Lab File: BF082246.D

Acq: 13 Oct 2015 6:30

Instrument :

BNA_F

ClientSampleId :

MW35

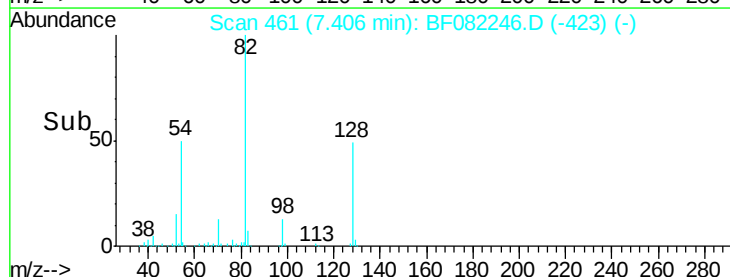
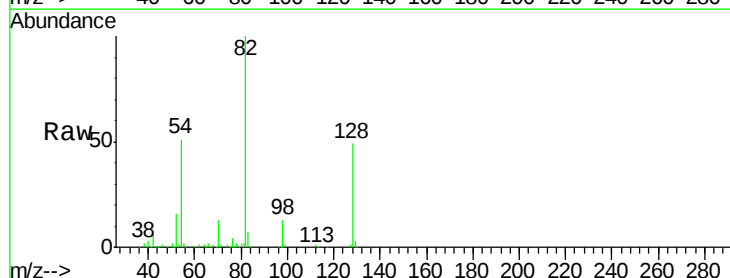
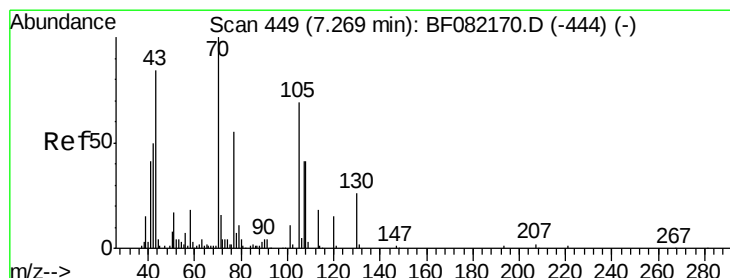
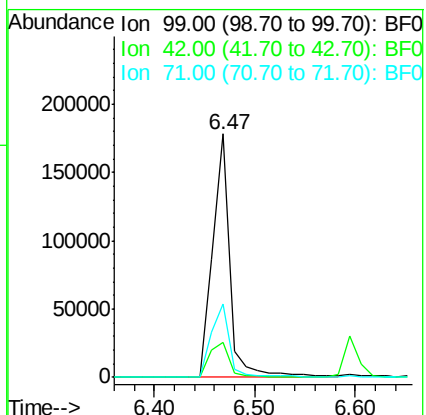
Tot Ion: 99 Resp: 214051

Ion Ratio Lower Upper

99 100

42 14.2 13.2 19.8

71 29.9 25.6 38.4



#19

n-Nitroso-di-n-propylamine

Concen: 4.99 ng

RT: 7.41 min Scan# 461

Delta R.T. 0.14 min

Lab File: BF082246.D

Acq: 13 Oct 2015 6:30

Tgt Ion: 70 Resp: 62156

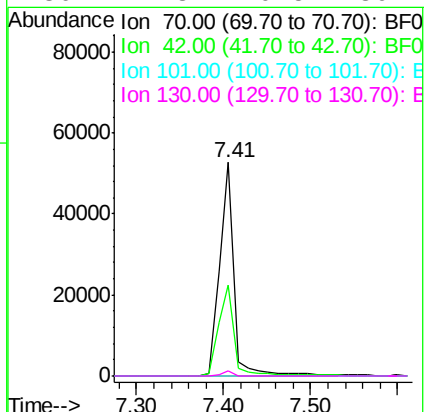
Ion Ratio Lower Upper

70 100

42 42.3 39.8 59.8

101 0.0 8.6 13.0#

130 2.3 20.5 30.7#

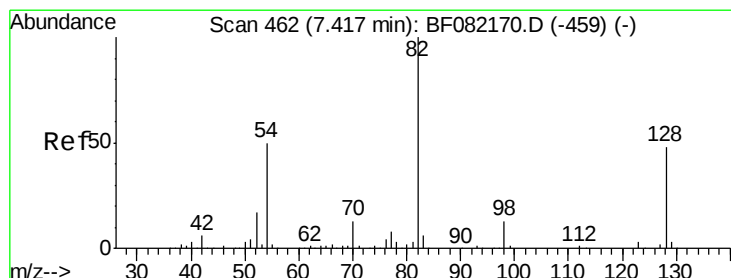
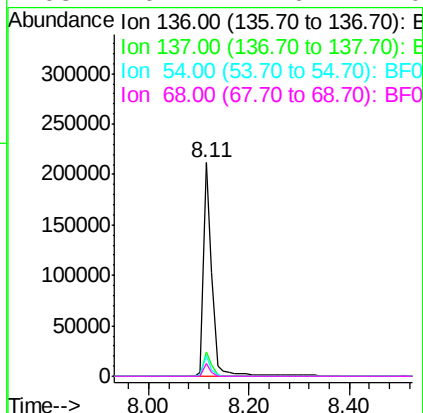
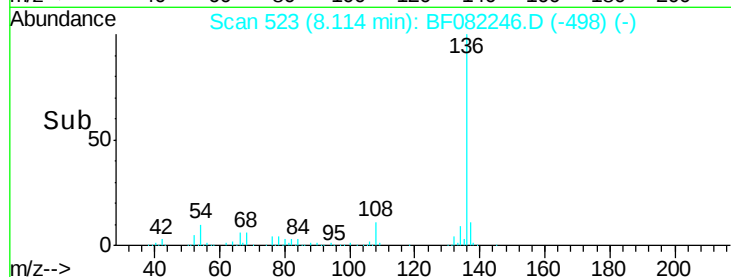
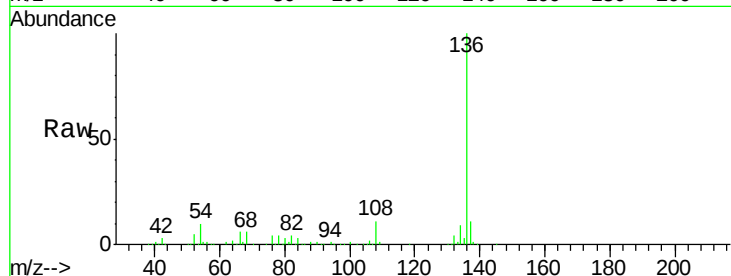




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.11 min Scan# 523
Delta R.T. -0.01 min
Lab File: BF082246.D
Acq: 13 Oct 2015 6:30

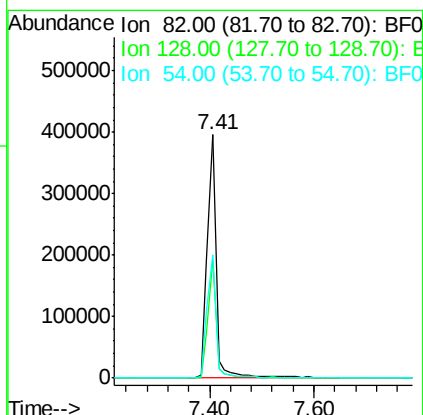
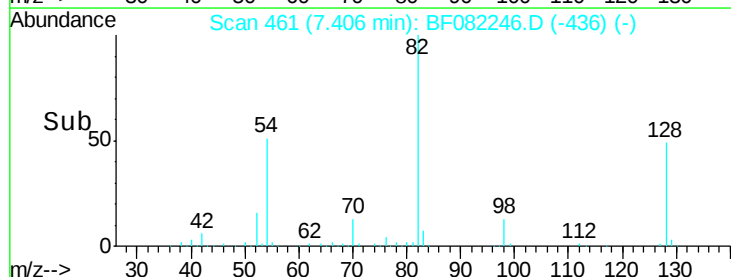
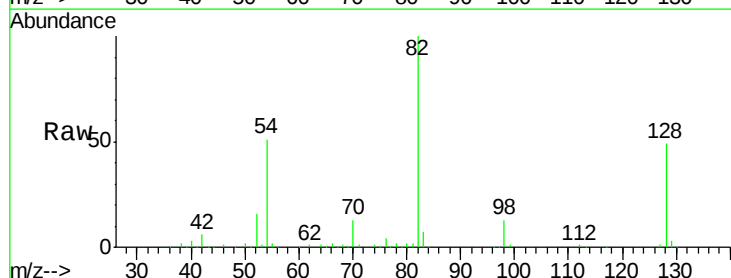
Instrument :
BNA_F
ClientSampleId :
MW35

Tot Ion:136	Resp:	245917
Ion Ratio	Lower	Upper
136	100	
137	11.2	9.0 13.6
54	9.7	7.5 11.3
68	6.2	4.6 7.0



#23
Nitrobenzene-d5
Concen: 129.12 ng
RT: 7.41 min Scan# 461
Delta R.T. -0.01 min
Lab File: BF082246.D
Acq: 13 Oct 2015 6:30

Tgt Ion: 82	Resp:	472823
Ion Ratio	Lower	Upper
82	100	
128	48.6	38.7 58.1
54	50.7	40.1 60.1





#25

Isophorone

Concen: 62.06 ng

RT: 7.41 min Scan# 461

Delta R.T. -0.26 min

Lab File: BF082246.D

Acq: 13 Oct 2015 6:30

Instrument :

BNA_F

ClientSampleId :

MW35

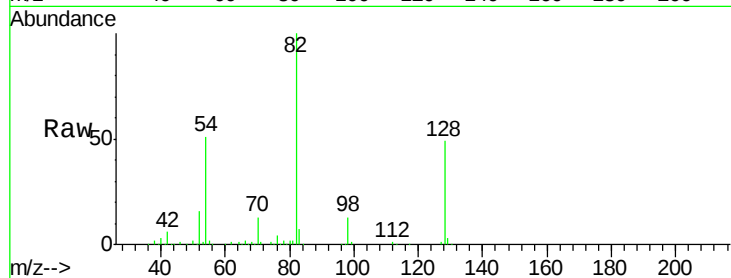
Tot Ion: 82 Resp: 458663

Ion Ratio Lower Upper

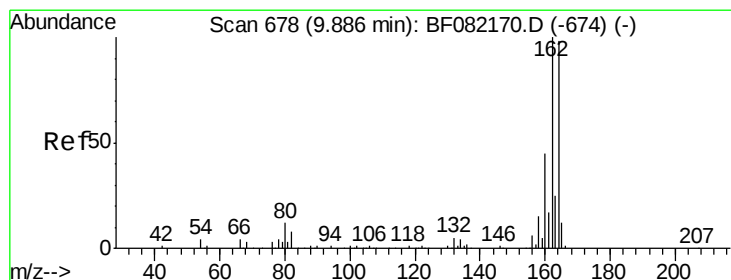
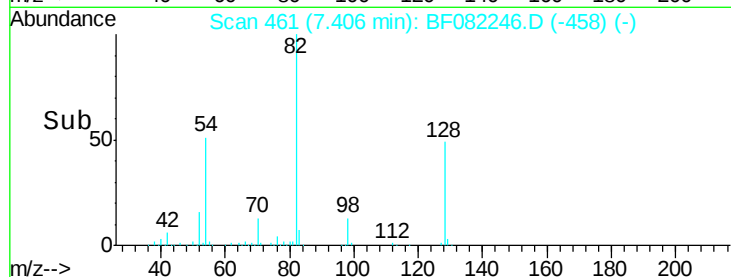
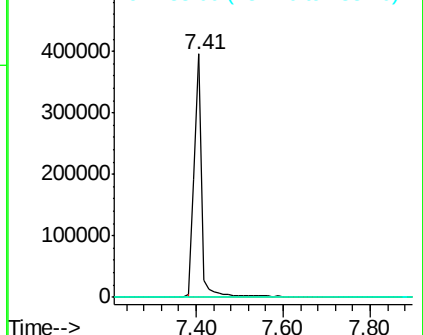
82 100

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: 9.87 min Scan# 677

Delta R.T. -0.01 min

Lab File: BF082246.D

Acq: 13 Oct 2015 6:30

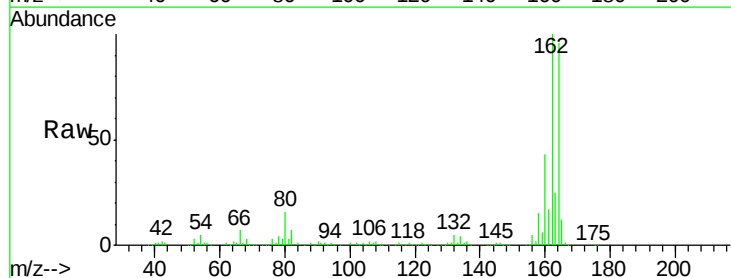
Tgt Ion: 164 Resp: 132149

Ion Ratio Lower Upper

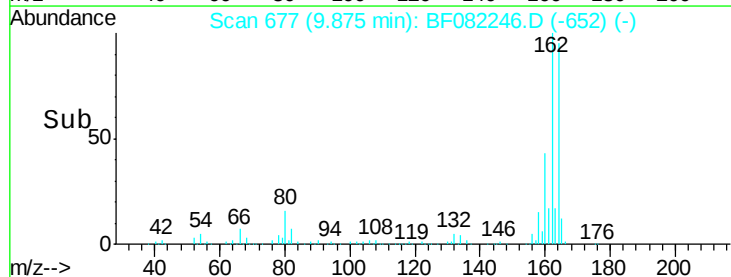
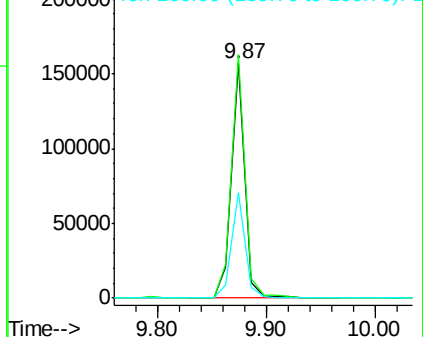
164 100

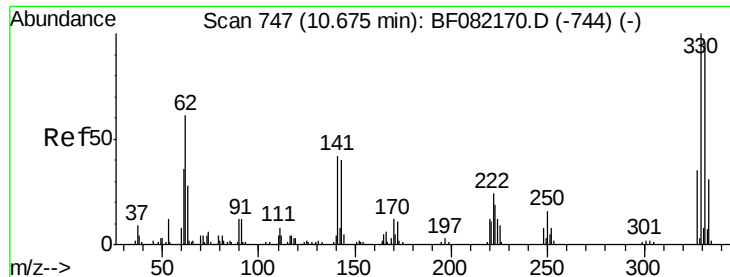
162 104.0 81.6 122.4

160 45.0 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

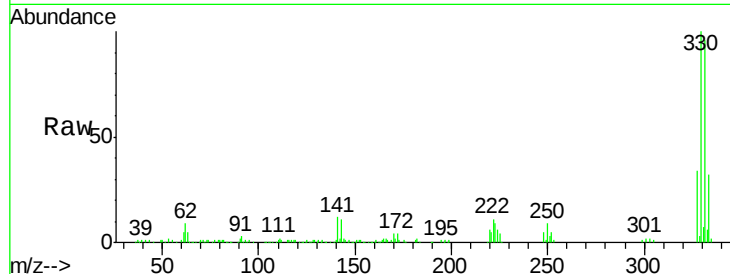




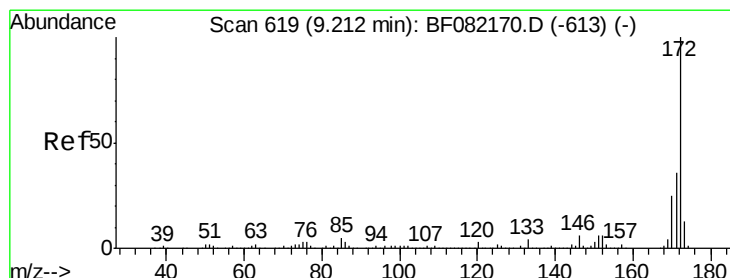
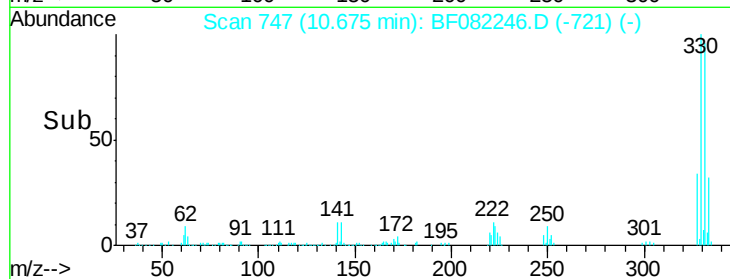
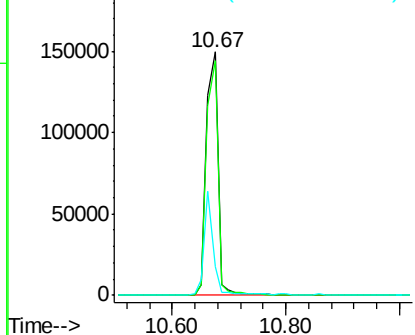
#41
 2,4,6-Tribromophenol
 Concen: 165.12 ng
 RT: 10.67 min Scan# 747
 Delta R.T. -0.00 min
 Lab File: BF082246.D
 Acq: 13 Oct 2015 6:30

Instrument :
 BNA_F
 ClientSampleId :
 MW35

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.1	115.7
141	32.3	29.8	44.8

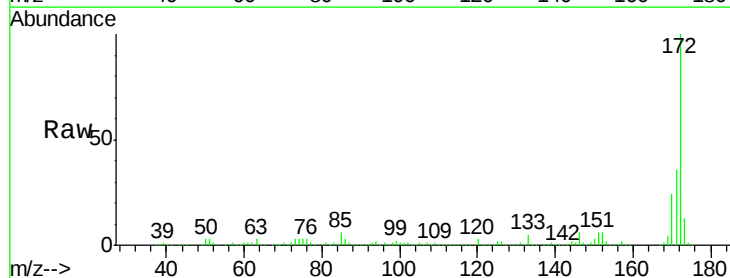


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

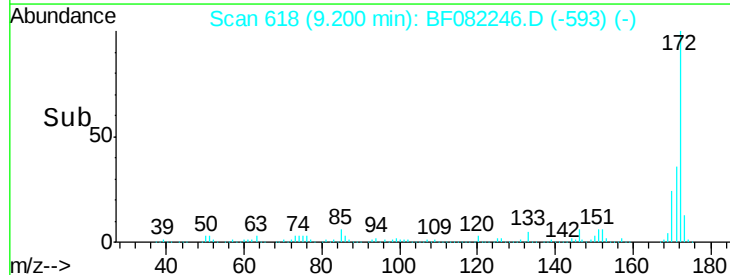
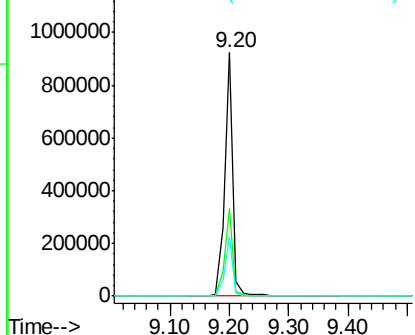


#44
 2-Fluorobiphenyl
 Concen: 111.47 ng
 RT: 9.20 min Scan# 618
 Delta R.T. -0.01 min
 Lab File: BF082246.D
 Acq: 13 Oct 2015 6:30

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	28.6	42.8
170	24.2	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

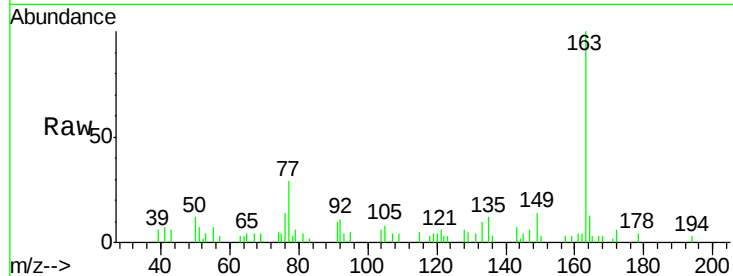




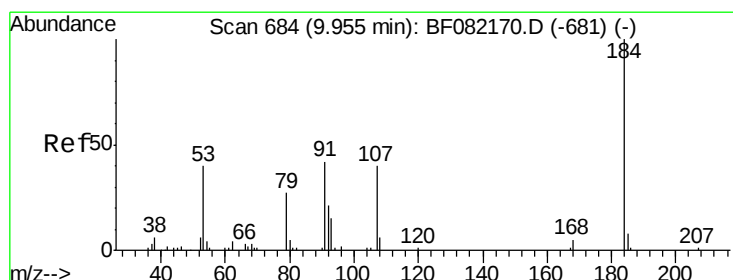
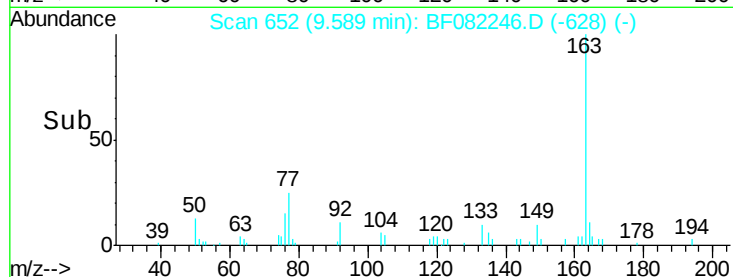
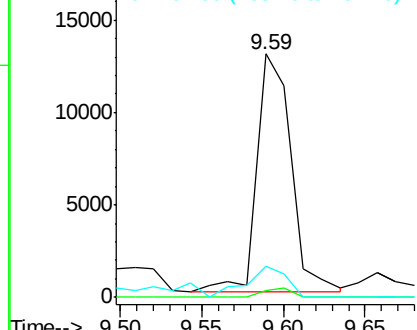
#49
Dimethylphthalate
Concen: 2.01 ng
RT: 9.59 min Scan# 652
Delta R.T. -0.02 min
Lab File: BF082246.D
Acq: 13 Oct 2015 6:30

Instrument :
BNA_F
ClientSampleId :
MW35

Tot Ion:163 Resp: 18723
Ion Ratio Lower Upper
163 100
194 2.8 2.6 4.0
164 13.0 8.5 12.7#

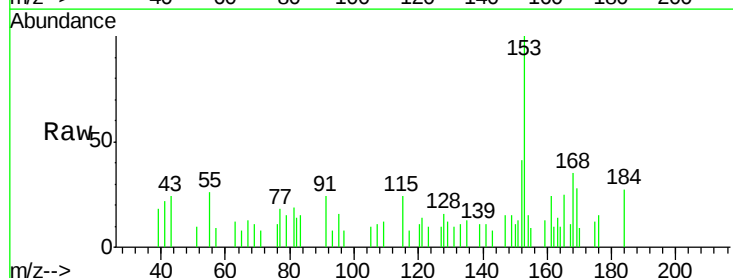


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

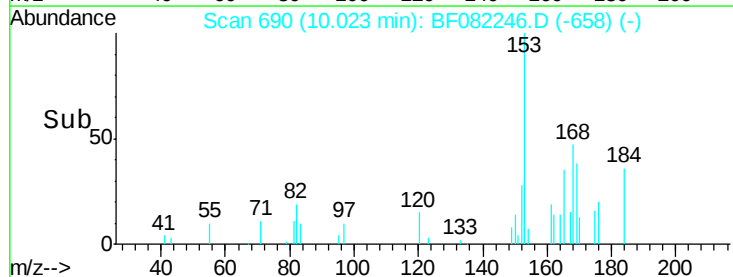
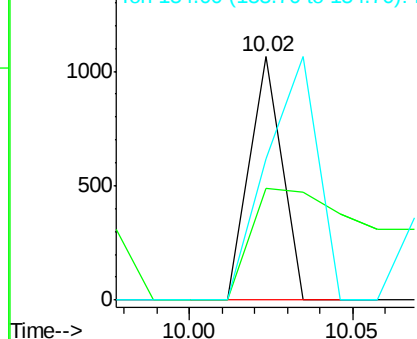


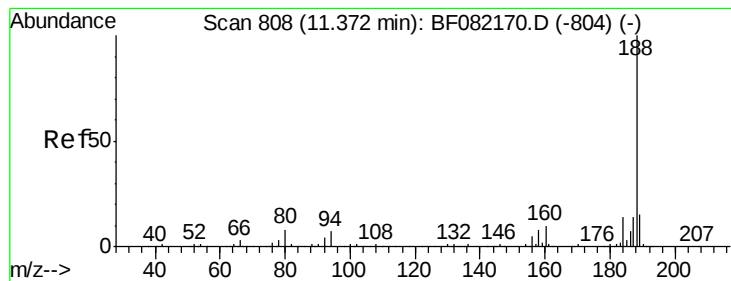
#53
2,4-Dinitrophenol
Concen: 7.01 ng
RT: 10.02 min Scan# 690
Delta R.T. 0.07 min
Lab File: BF082246.D
Acq: 13 Oct 2015 6:30

Tgt Ion:184 Resp: 730
Ion Ratio Lower Upper
184 100
63 45.9 45.1 67.7
154 58.1 51.2 76.8



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.36 min Scan# 807

Delta R.T. -0.01 min

Lab File: BF082246.D

Acq: 13 Oct 2015 6:30

Instrument :

BNA_F

ClientSampleId :

MW35

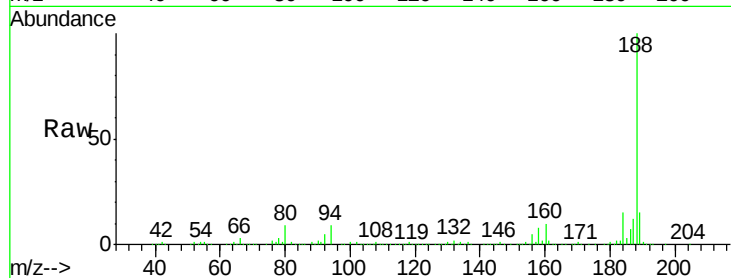
Tot Ion:188 Resp: 250174

Ion Ratio Lower Upper

188 100

94 8.7 5.8 8.6#

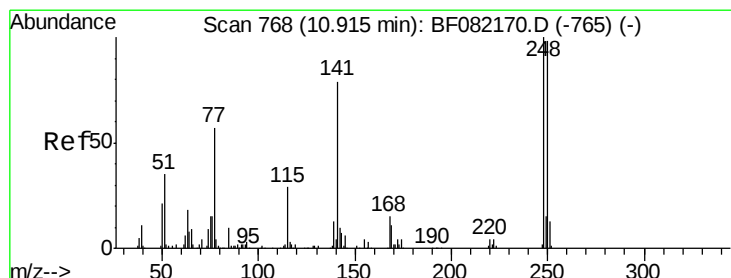
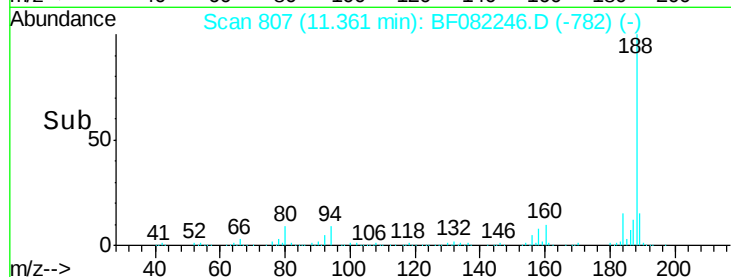
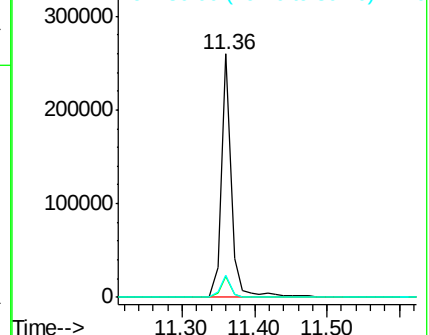
80 9.1 6.4 9.6



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: 5.09 ng

RT: 10.66 min Scan# 746

Delta R.T. -0.25 min

Lab File: BF082246.D

Acq: 13 Oct 2015 6:30

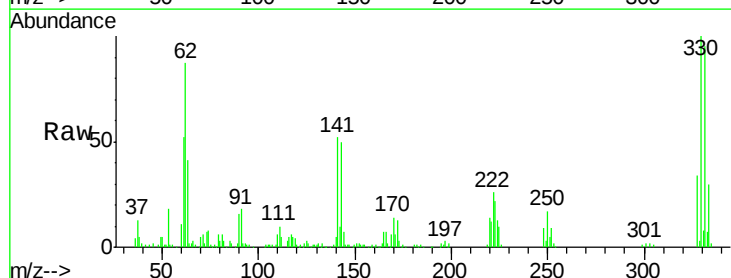
Tgt Ion:248 Resp: 12746

Ion Ratio Lower Upper

248 100

250 193.5 78.6 117.8#

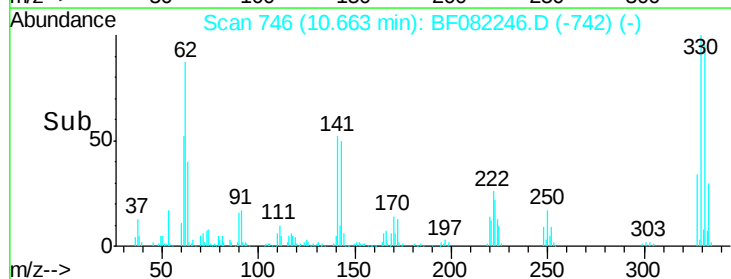
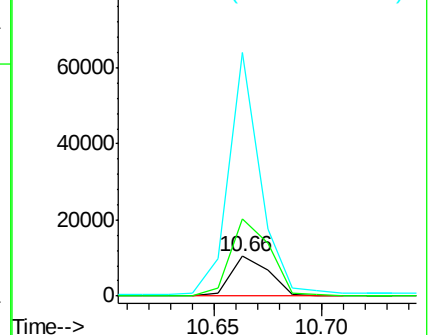
141 611.4 63.3 94.9#

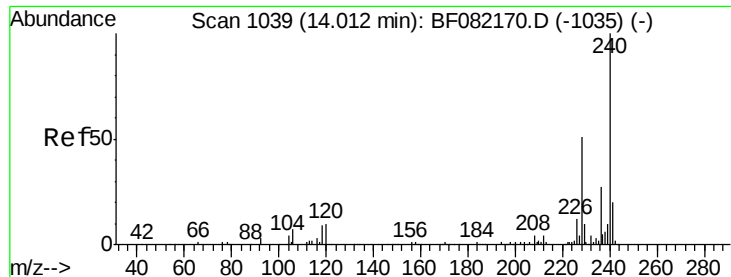


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

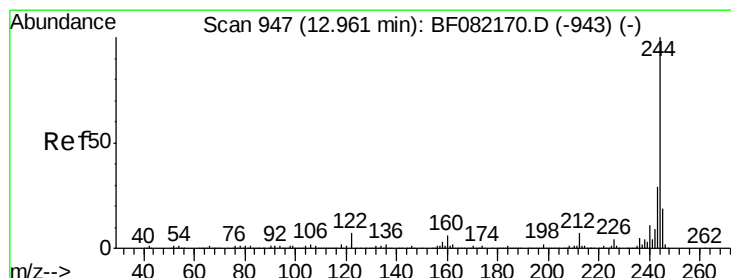
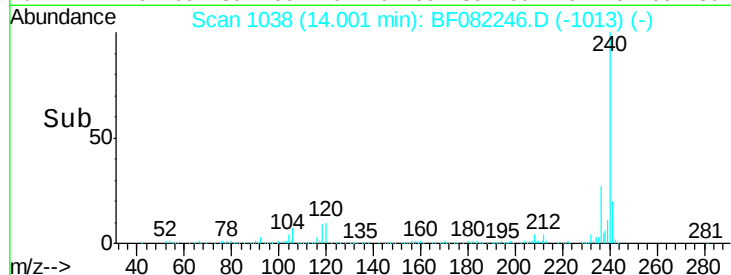
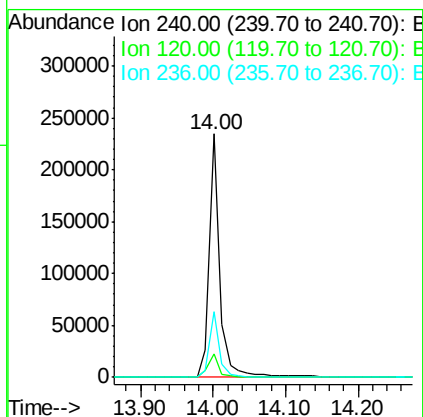
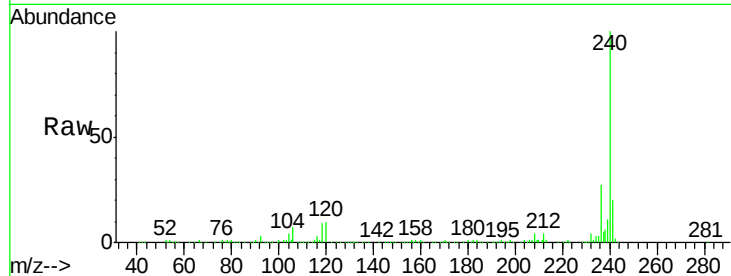




#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.00 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF082246.D
Acq: 13 Oct 2015 6:30

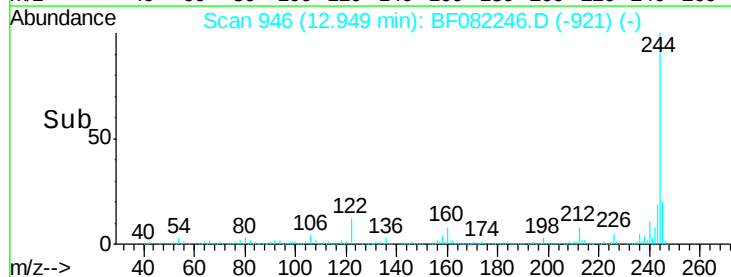
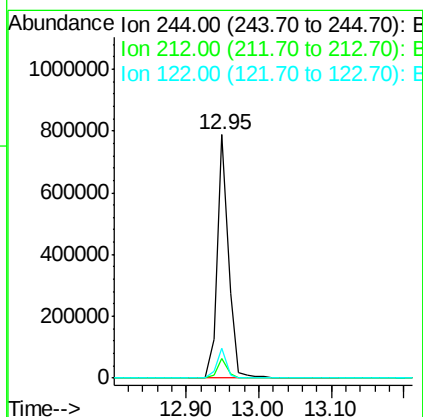
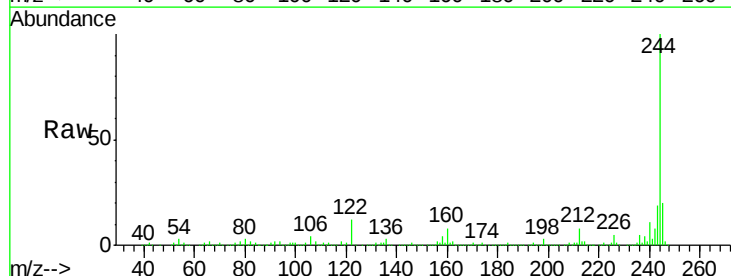
Instrument :
BNA_F
ClientSampleId :
MW35

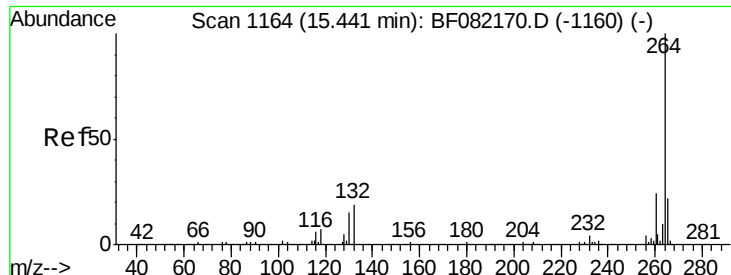
Tot Ion:240 Resp: 239965
Ion Ratio Lower Upper
240 100
120 9.8 8.1 12.1
236 26.8 21.3 31.9



#78
Terphenyl-d14
Concen: 94.43 ng
RT: 12.95 min Scan# 946
Delta R.T. -0.01 min
Lab File: BF082246.D
Acq: 13 Oct 2015 6:30

Tgt Ion:244 Resp: 855112
Ion Ratio Lower Upper
244 100
212 8.0 5.8 8.6
122 12.1 5.9 8.9#

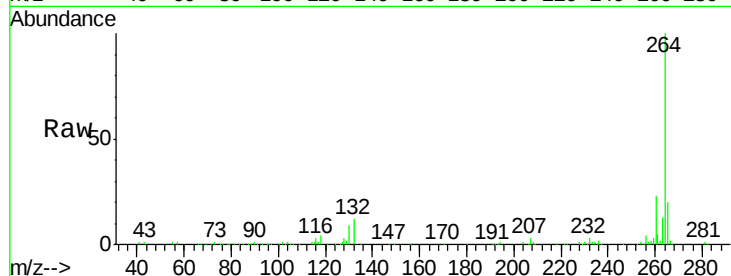




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.44 min Scan# 1164
Delta R.T. -0.00 min
Lab File: BF082246.D
Acq: 13 Oct 2015 6:30

Instrument :
BNA_F
ClientSampleId :
MW35

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.0	28.6
265	20.3	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

