

Data Path : Z:\HPCHEM1\BNA F\DATA\BF090115\
 Data File : BF081326.D
 Acq On : 2 Sep 2015 2:48
 Operator : UM/IZ
 Sample : G3479-17
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 02 03:59:48 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF090115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 01 17:35:35 2015
 Response via : Initial Calibration

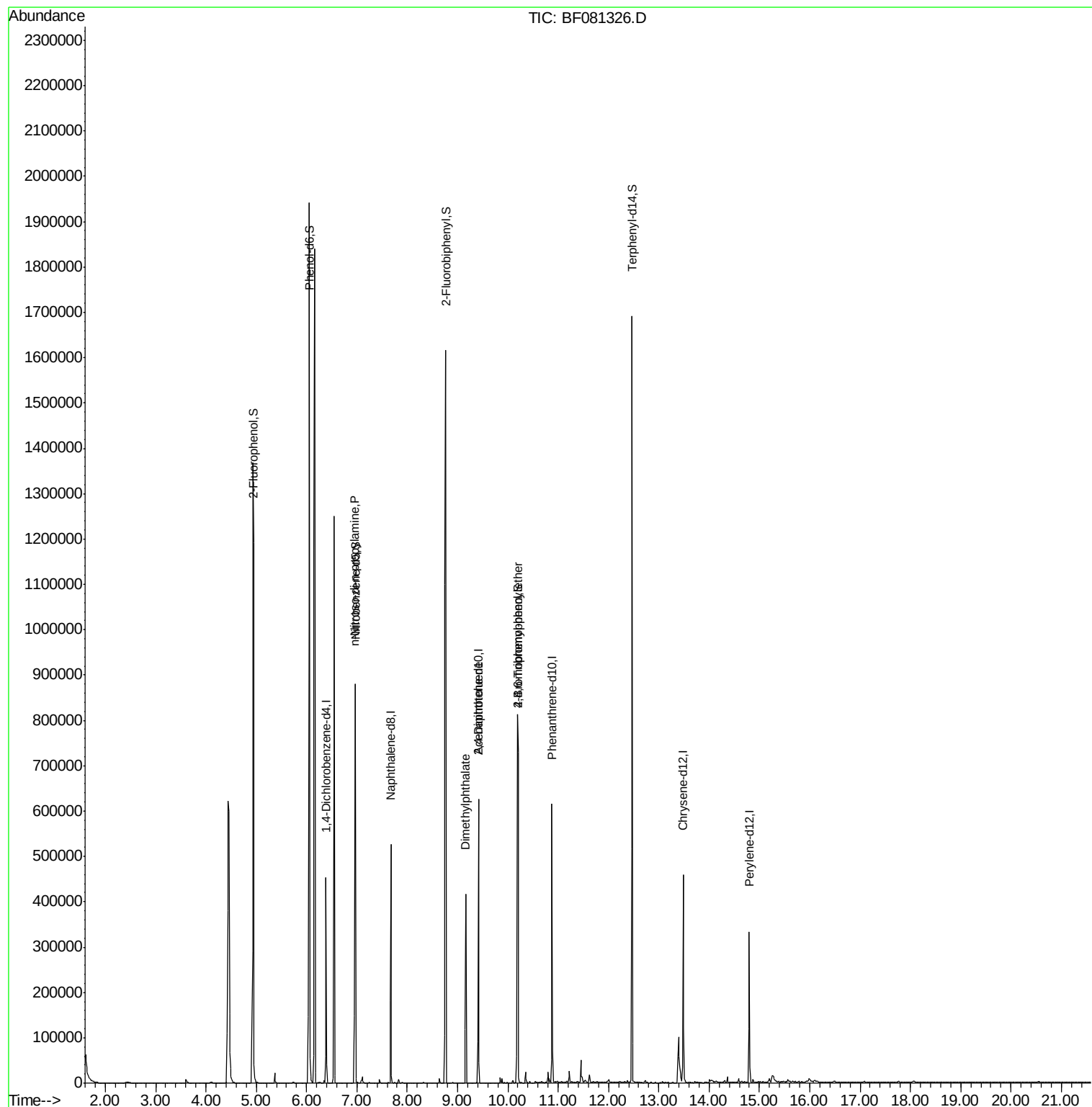
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.39	152	58859	20.00	ng	0.00
21) Naphthalene-d8	7.68	136	237651	20.00	ng	0.00
38) Acenaphthene-d10	9.42	164	114689	20.00	ng	0.00
63) Phenanthrene-d10	10.88	188	202634	20.00	ng	0.00
75) Chrysene-d12	13.49	240	156696	20.00	ng	-0.01
86) Perylene-d12	14.80	264	128393	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.95	112	520998	137.33	ng	0.02
7) Phenol-d6	6.06	99	711968	141.78	ng	0.00
23) Nitrobenzene-d5	6.97	82	441683	89.67	ng	0.00
41) 2,4,6-Tribromophenol	10.20	330	127561	124.91	ng	0.00
44) 2-Fluorobiphenyl	8.76	172	668367	74.68	ng	0.00
78) Terphenyl-d14	12.47	244	500048	74.29	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	6.96	70	57459	16.81	ng	# 65
49) Dimethylphthalate	9.16	163	162830	18.27	ng	# 97
56) 2,4-Dinitrotoluene	9.42	165	14608	5.67	ng	# 31
66) 4-Bromophenyl-phenylether	10.20	248	9108	4.45	ng	# 1

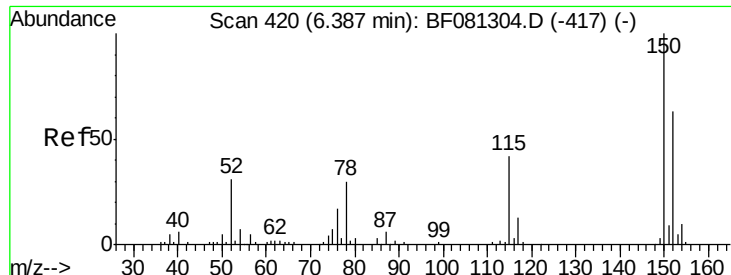
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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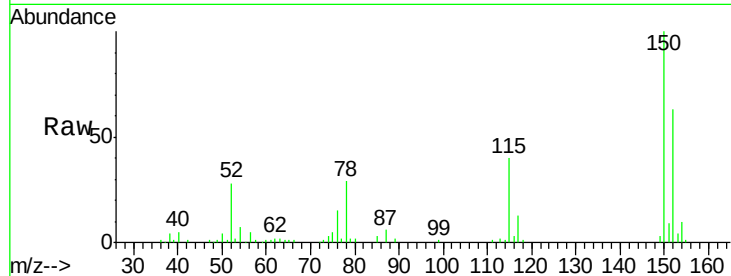


#1

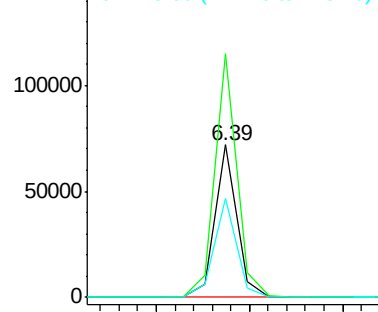
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.39 min Scan# 420
Delta R.T. 0.00 min
Lab File: BF081326.D
Acq: 2 Sep 2015 2:48

Instrument :
BNA_F
ClientSampleId :

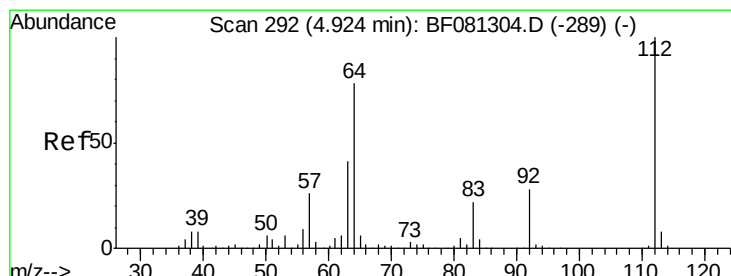
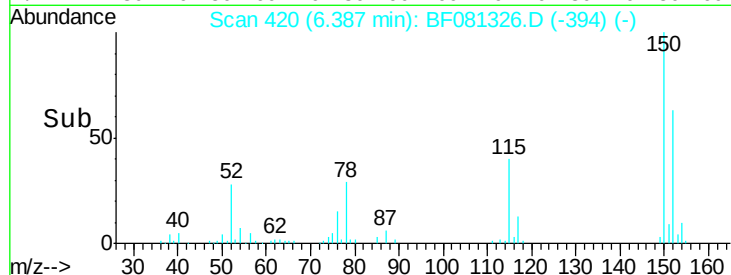
Tot Ion:152 Resp: 58859
Ion Ratio Lower Upper
152 100
150 159.9 124.7 187.1
115 64.8 39.0 58.4#



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



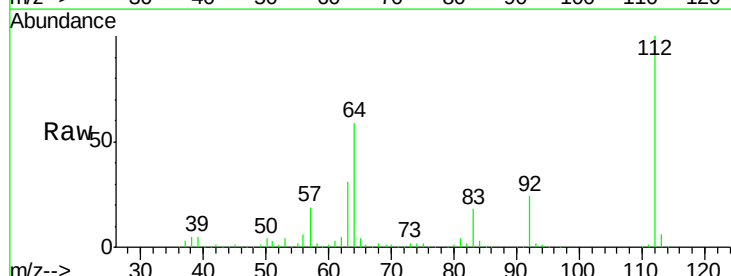
Time-->



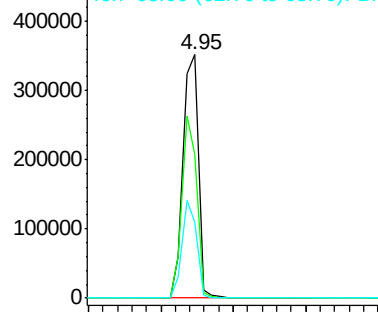
#5

2-Fluorophenol
Concen: 137.33 ng
RT: 4.95 min Scan# 294
Delta R.T. 0.02 min
Lab File: BF081326.D
Acq: 2 Sep 2015 2:48

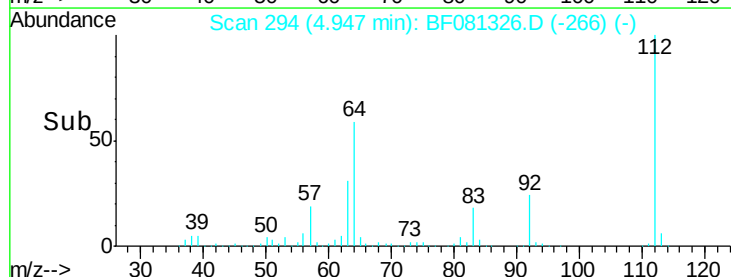
Tgt Ion:112 Resp: 520998
Ion Ratio Lower Upper
112 100
64 59.1 39.7 59.5
63 31.4 17.4 26.0#

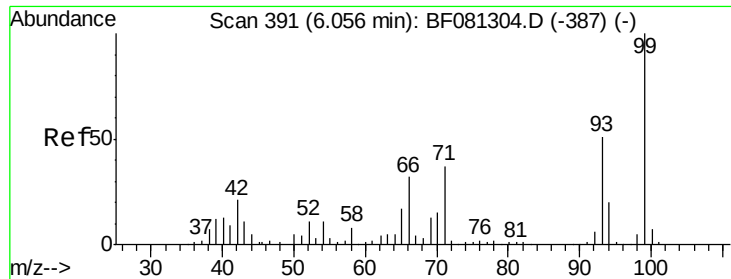


Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0



Time-->





#7

Phenol-d6

Concen: 141.78 ng

RT: 6.06 min Scan# 391

Delta R.T. 0.00 min

Lab File: BF081326.D

Acq: 2 Sep 2015 2:48

Instrument :

BNA_F

ClientSampled :

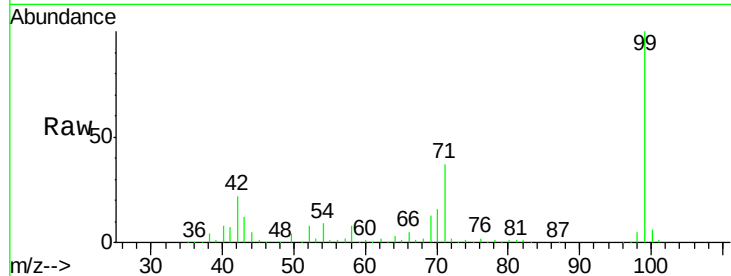
Tot Ion: 99 Resp: 711968

Ion Ratio Lower Upper

99 100

42 21.7 13.7 20.5#

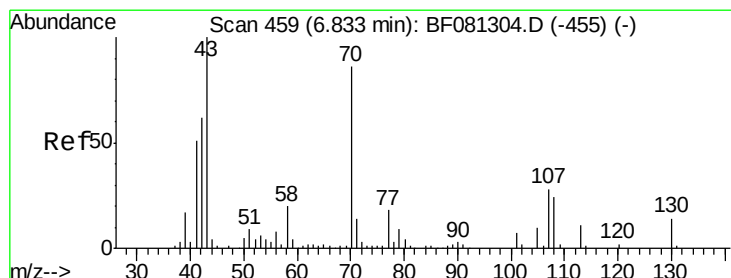
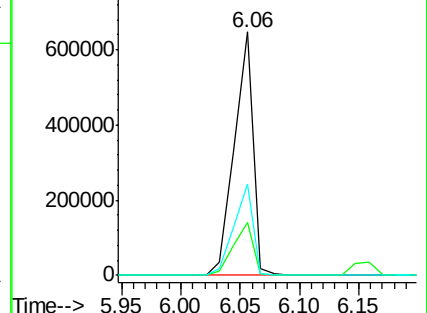
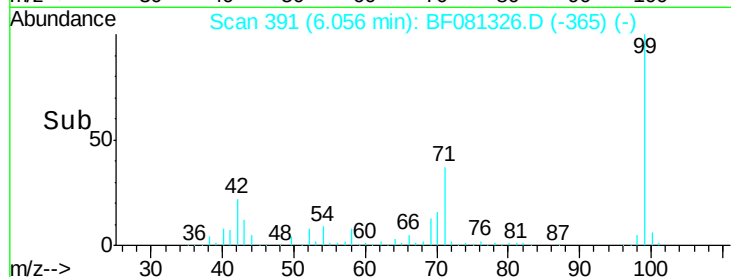
71 37.4 14.2 21.2#



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: 16.81 ng

RT: 6.96 min Scan# 470

Delta R.T. 0.13 min

Lab File: BF081326.D

Acq: 2 Sep 2015 2:48

Tgt Ion: 70 Resp: 57459

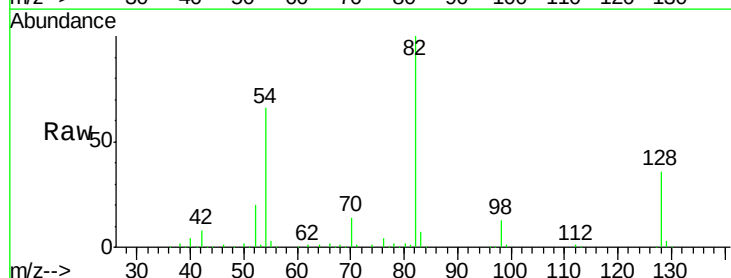
Ion Ratio Lower Upper

70 100

42 56.6 63.8 95.6#

101 0.0 9.2 13.8#

130 1.8 27.3 40.9#

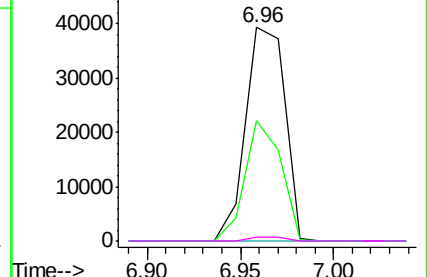
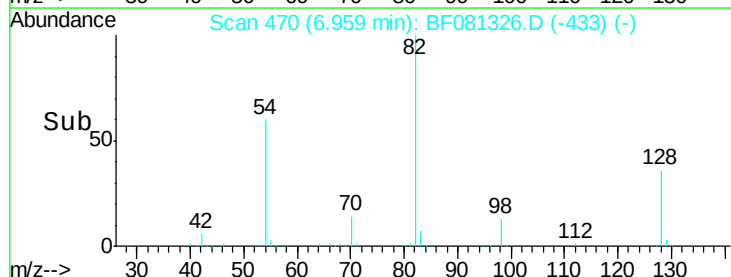


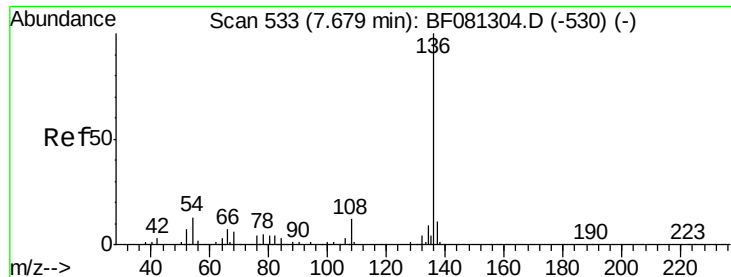
Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 7.68 min Scan# 533

Delta R.T. 0.00 min

Lab File: BF081326.D

Acq: 2 Sep 2015 2:48

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 237651

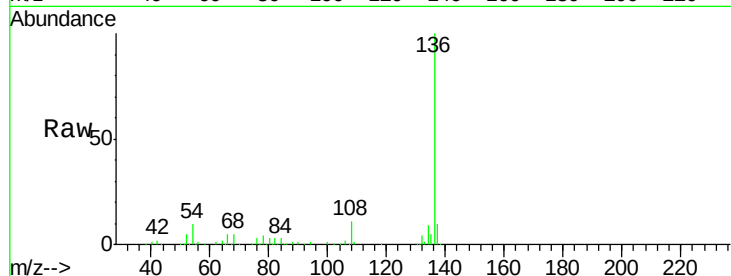
Ion Ratio Lower Upper

136 100

137 10.5 9.0 13.6

54 9.8 8.2 12.2

68 4.6 5.8 8.6#

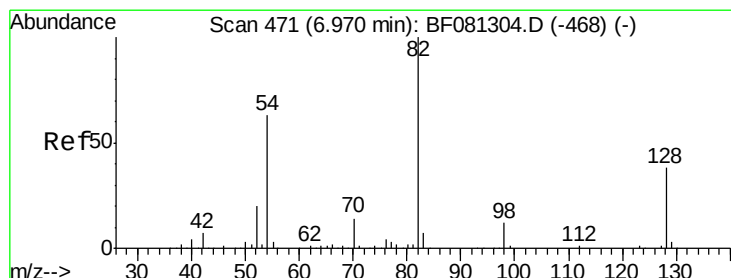
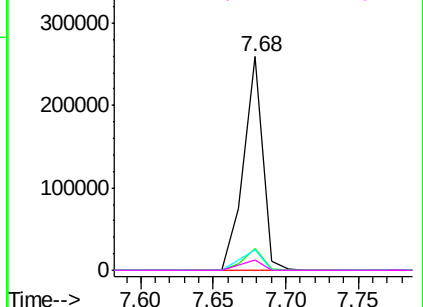
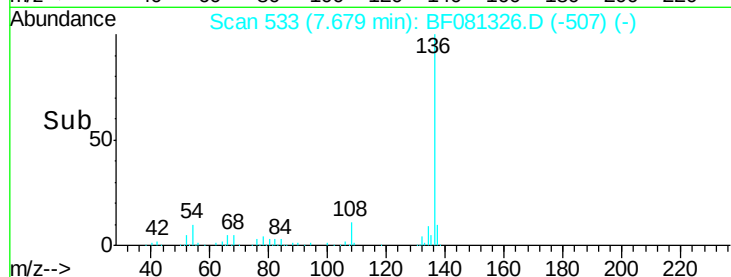


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#23

Nitrobenzene-d5

Concen: 89.67 ng

RT: 6.97 min Scan# 471

Delta R.T. 0.00 min

Lab File: BF081326.D

Acq: 2 Sep 2015 2:48

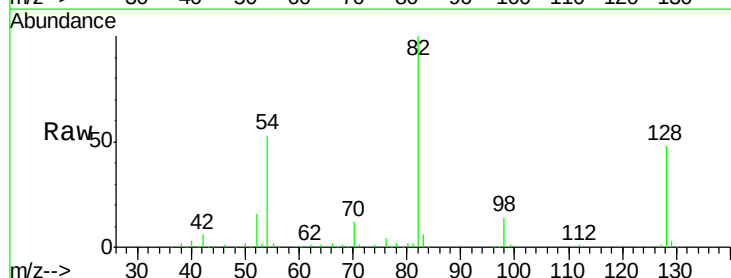
Tgt Ion: 82 Resp: 441683

Ion Ratio Lower Upper

82 100

128 47.9 51.0 76.6#

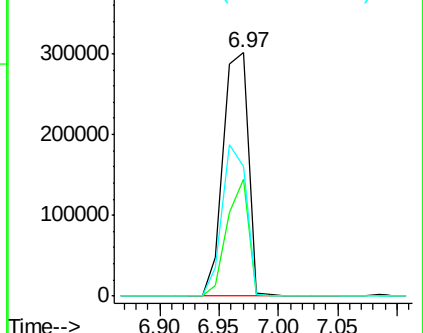
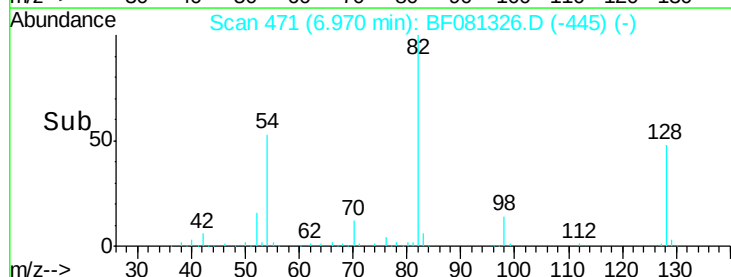
54 53.2 47.5 71.3

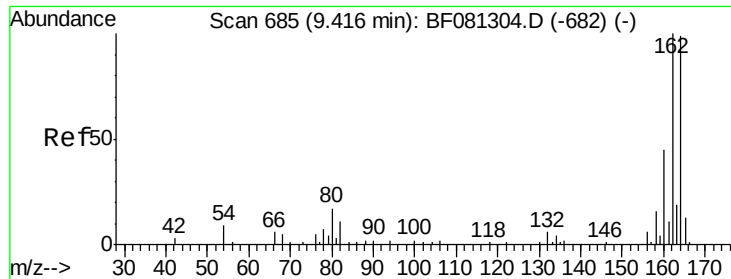


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

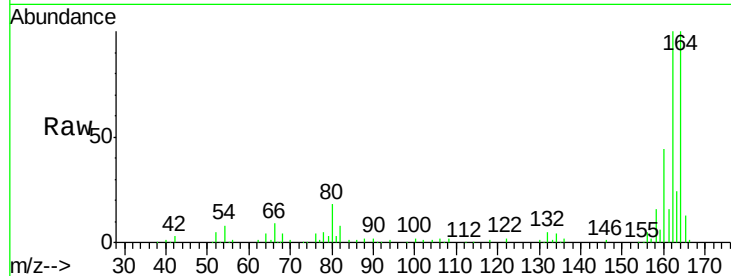




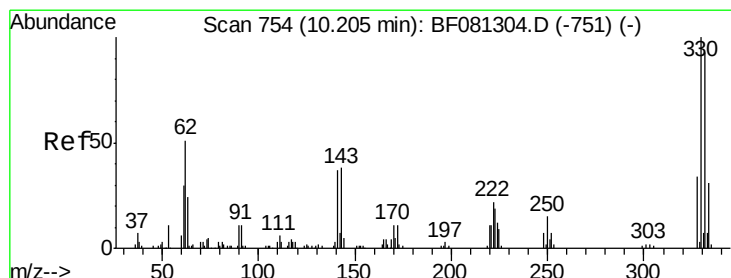
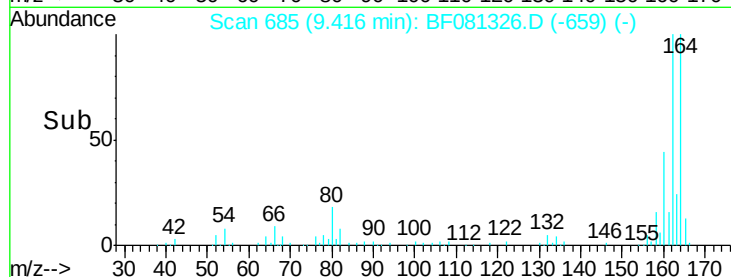
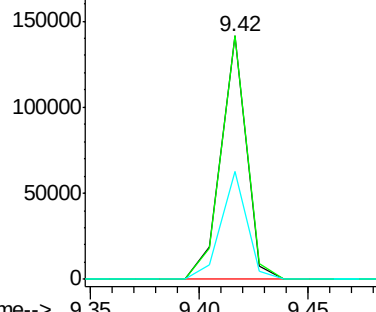
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.42 min Scan# 685
Delta R.T. 0.00 min
Lab File: BF081326.D
Acq: 2 Sep 2015 2:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 114689
Ion Ratio Lower Upper
164 100
162 99.9 75.2 112.8
160 44.4 31.5 47.3

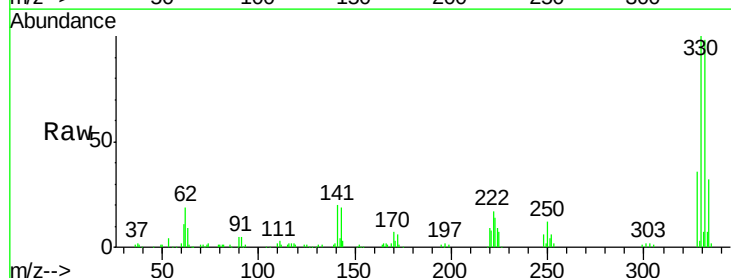


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

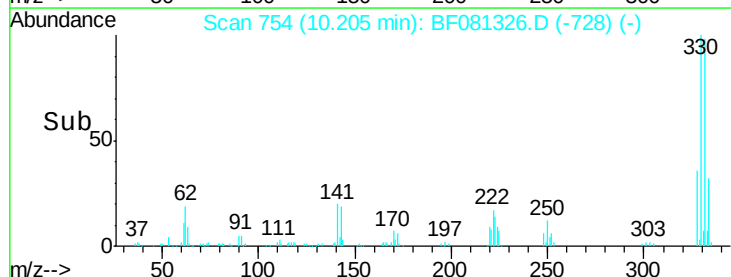
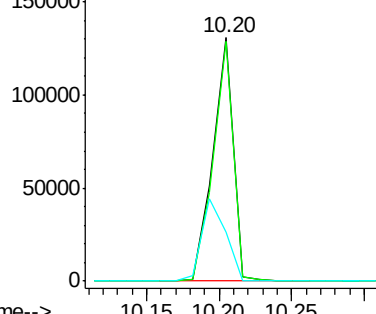


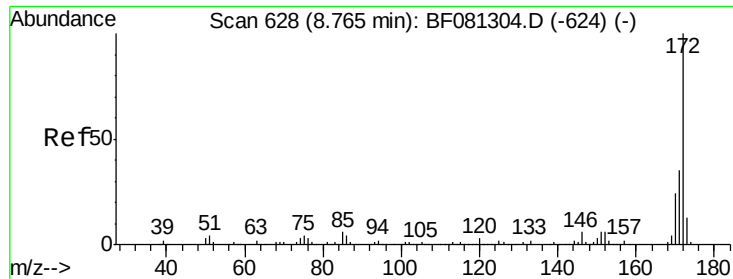
#41
2,4,6-Tribromophenol
Concen: 124.91 ng
RT: 10.20 min Scan# 754
Delta R.T. 0.00 min
Lab File: BF081326.D
Acq: 2 Sep 2015 2:48

Tgt Ion:330 Resp: 127561
Ion Ratio Lower Upper
330 100
332 96.9 76.6 114.8
141 40.1 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

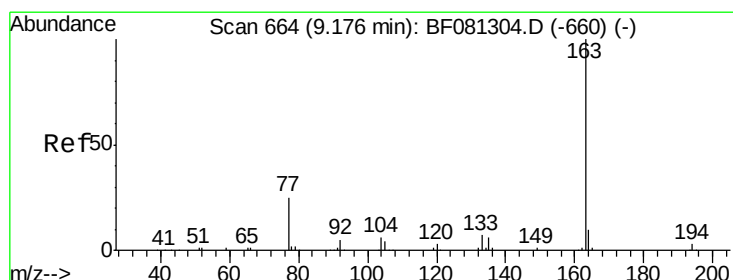
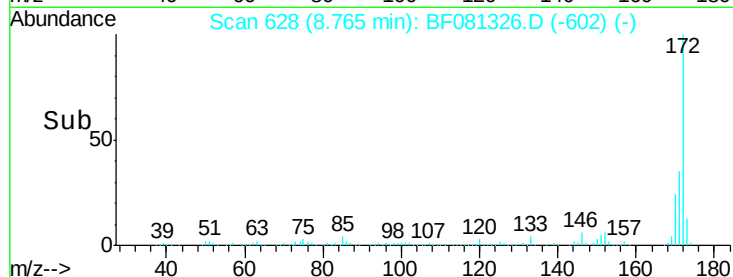
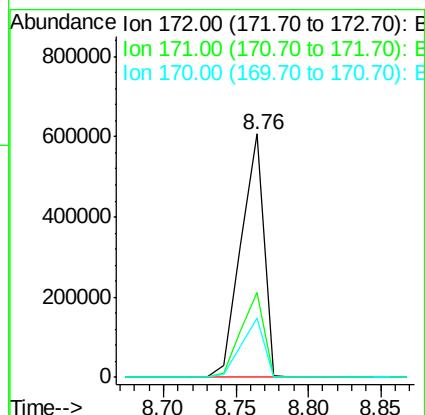
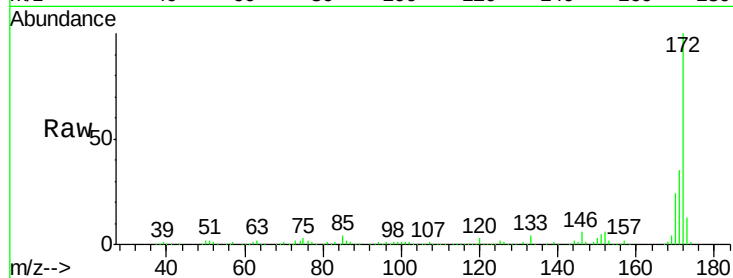




#44
2-Fluorobiphenyl
Concen: 74.68 ng
RT: 8.76 min Scan# 628
Delta R.T. 0.00 min
Lab File: BF081326.D
Acq: 2 Sep 2015 2:48

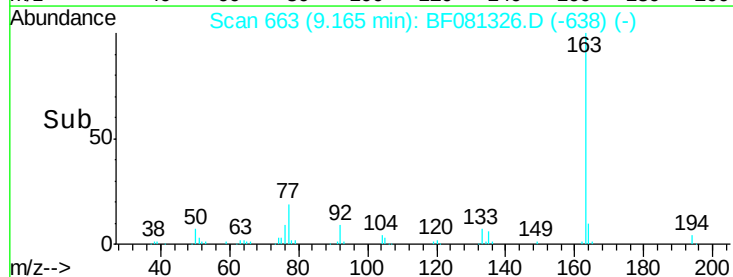
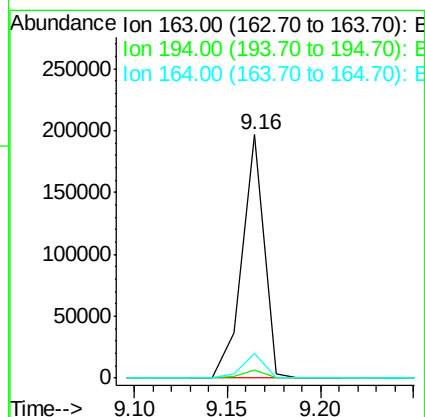
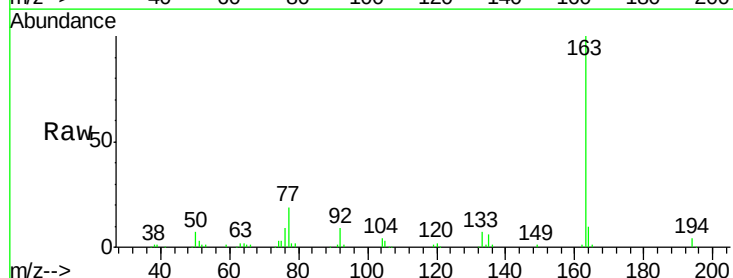
Instrument :
BNA_F
ClientSampleId :

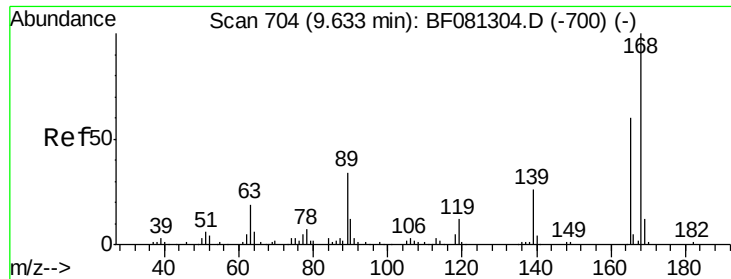
Tot Ion:172 Resp: 668367
Ion Ratio Lower Upper
172 100
171 34.7 26.1 39.1
170 24.1 17.4 26.2



#49
Dimethylphthalate
Concen: 18.27 ng
RT: 9.16 min Scan# 663
Delta R.T. -0.01 min
Lab File: BF081326.D
Acq: 2 Sep 2015 2:48

Tgt Ion:163 Resp: 162830
Ion Ratio Lower Upper
163 100
194 3.6 4.4 6.6#
164 10.0 8.3 12.5

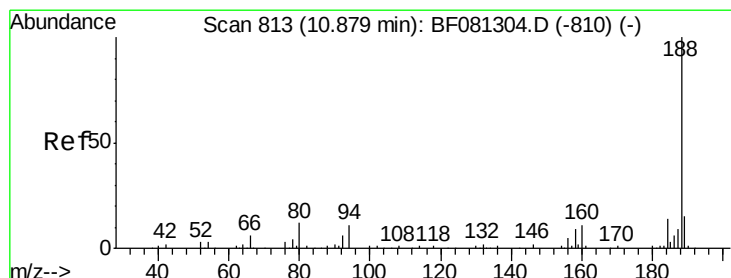
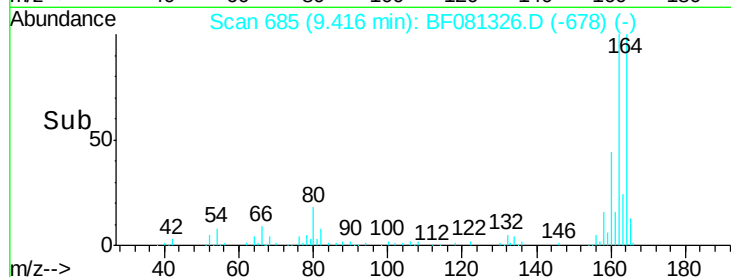
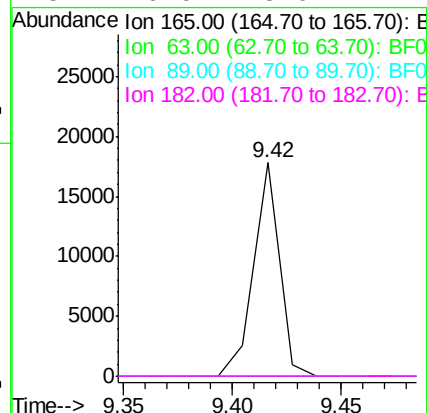
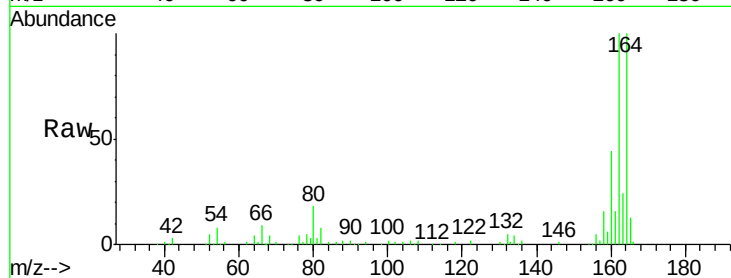




#56
 2,4-Dinitrotoluene
 Concen: 5.67 ng
 RT: 9.42 min Scan# 685
 Delta R.T. -0.22 min
 Lab File: BF081326.D
 Acq: 2 Sep 2015 2:48

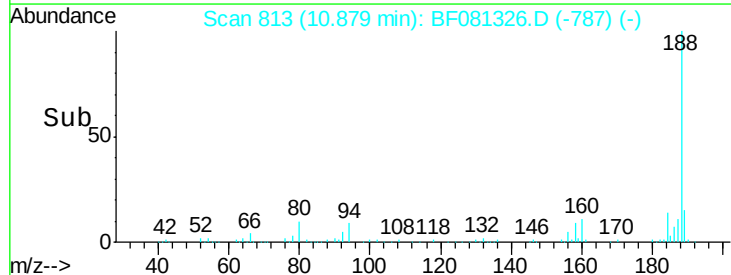
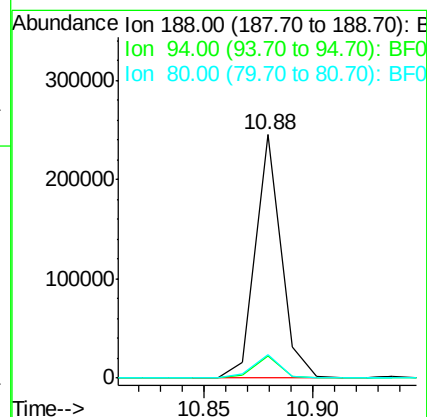
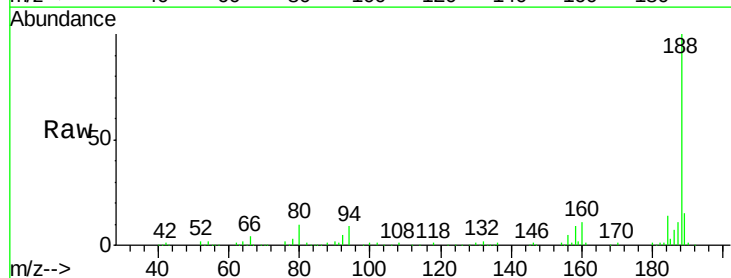
Instrument :
 BNA_F
 ClientSampleId :

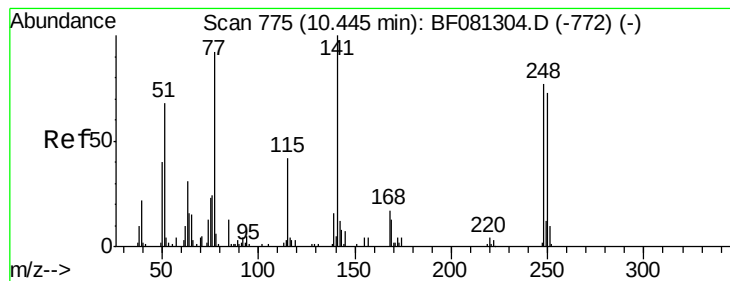
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	29.8	44.6#
89	0.0	44.5	66.7#
182	0.0	3.0	4.4#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 10.88 min Scan# 813
 Delta R.T. 0.00 min
 Lab File: BF081326.D
 Acq: 2 Sep 2015 2:48

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.2	11.1	16.7#
80	9.5	11.0	16.4#





#66

4-Bromophenyl-phenylether

Concen: 4.45 ng

RT: 10.20 min Scan# 754

Delta R.T. -0.24 min

Lab File: BF081326.D

Acq: 2 Sep 2015 2:48

Instrument :

BNA_F

ClientSampleId :

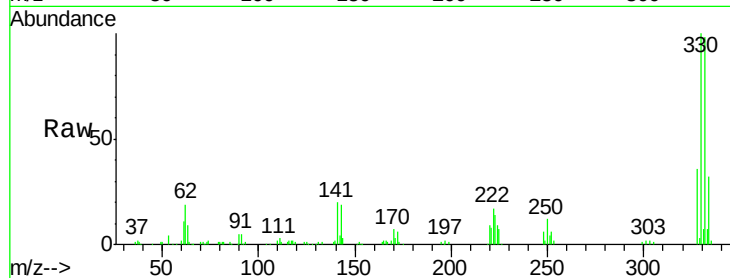
Tot Ion:248 Resp: 9108

Ion Ratio Lower Upper

248 100

250 196.0 78.5 117.7#

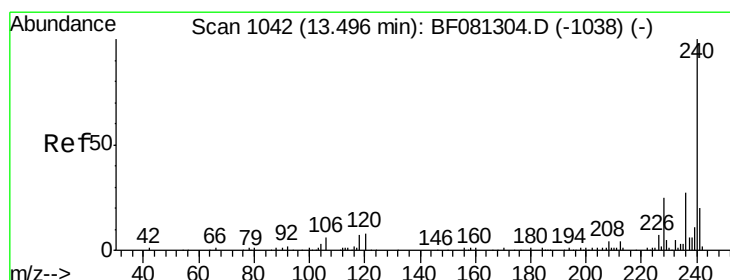
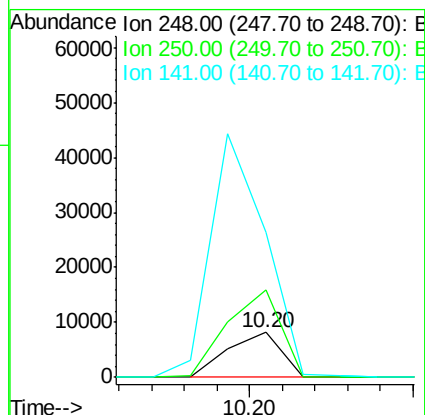
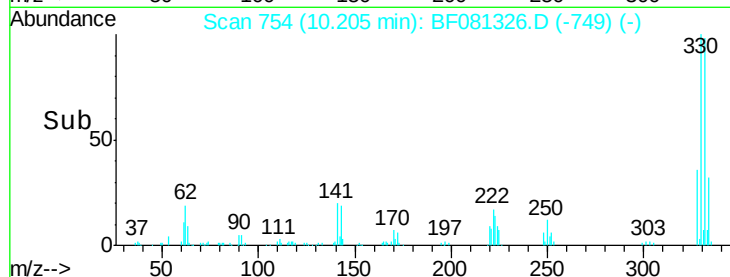
141 325.6 59.0 88.6#



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: 13.49 min Scan# 1041

Delta R.T. -0.01 min

Lab File: BF081326.D

Acq: 2 Sep 2015 2:48

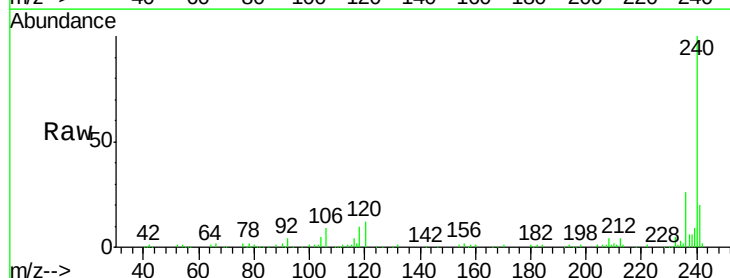
Tgt Ion:240 Resp: 156696

Ion Ratio Lower Upper

240 100

120 11.6 16.2 24.2#

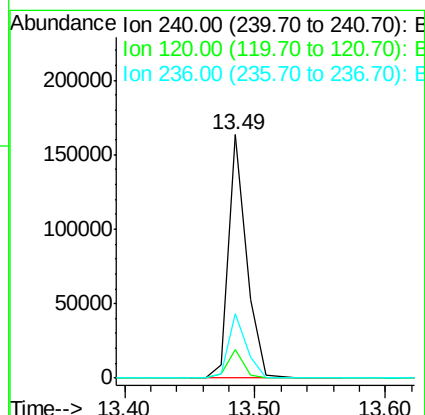
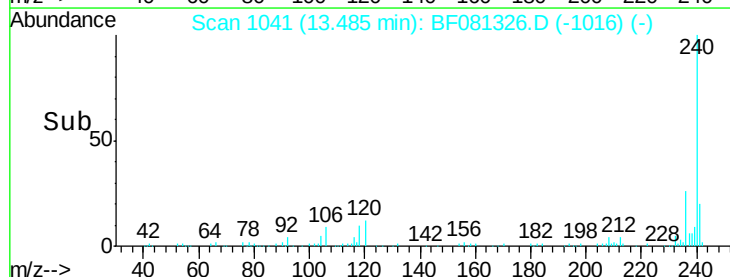
236 26.5 18.4 27.6

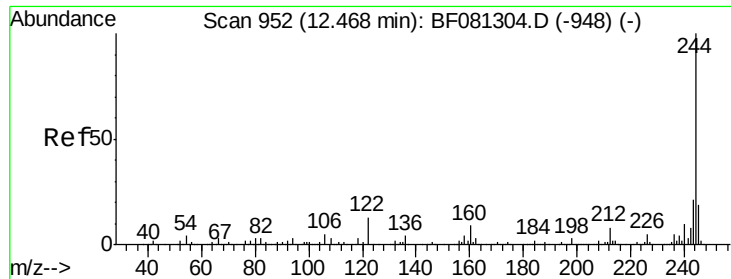


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

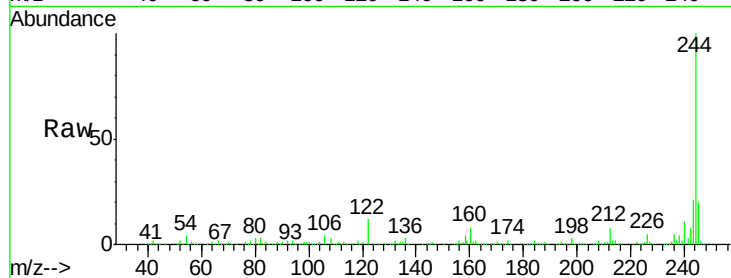




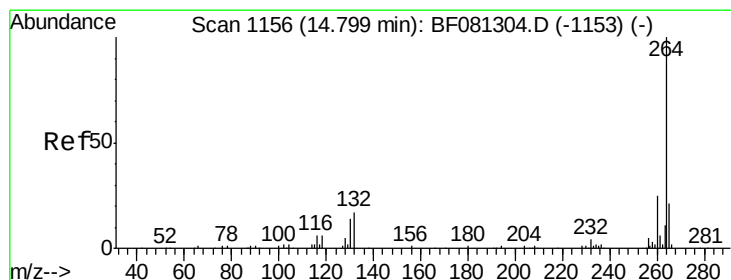
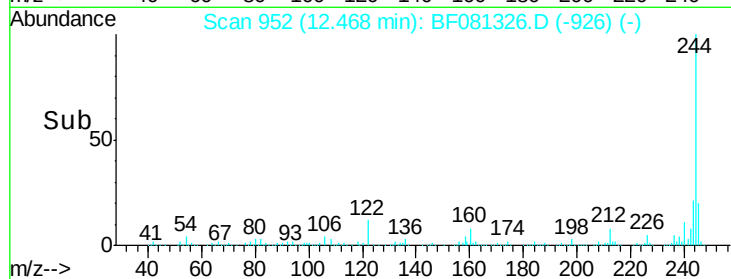
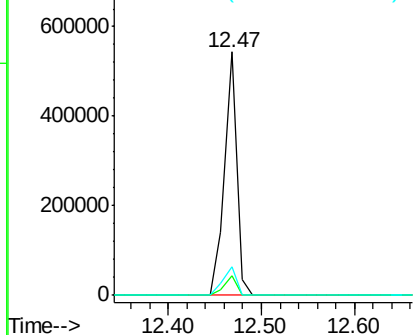
#78
 Terphenyl-d14
 Concen: 74.29 ng
 RT: 12.47 min Scan# 952
 Delta R.T. 0.00 min
 Lab File: BF081326.D
 Acq: 2 Sep 2015 2:48

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 500048
 Ion Ratio Lower Upper
 244 100
 212 8.1 4.3 6.5#
 122 11.9 17.4 26.2#

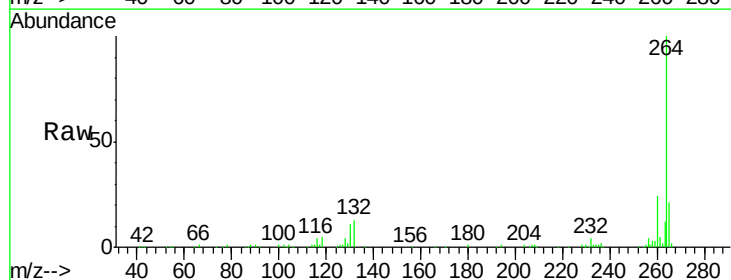


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.80 min Scan# 1156
 Delta R.T. 0.00 min
 Lab File: BF081326.D
 Acq: 2 Sep 2015 2:48

Tgt Ion:264 Resp: 128393
 Ion Ratio Lower Upper
 264 100
 260 24.0 16.7 25.1
 265 21.0 17.2 25.8



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

