

Data Path : Z:\HPCHEM1\BNA F\DATA\BF090315\
 Data File : BF081407.D
 Acq On : 4 Sep 2015 7:22
 Operator : UM/IZ
 Sample : G3505-06
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 04 08:05:54 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

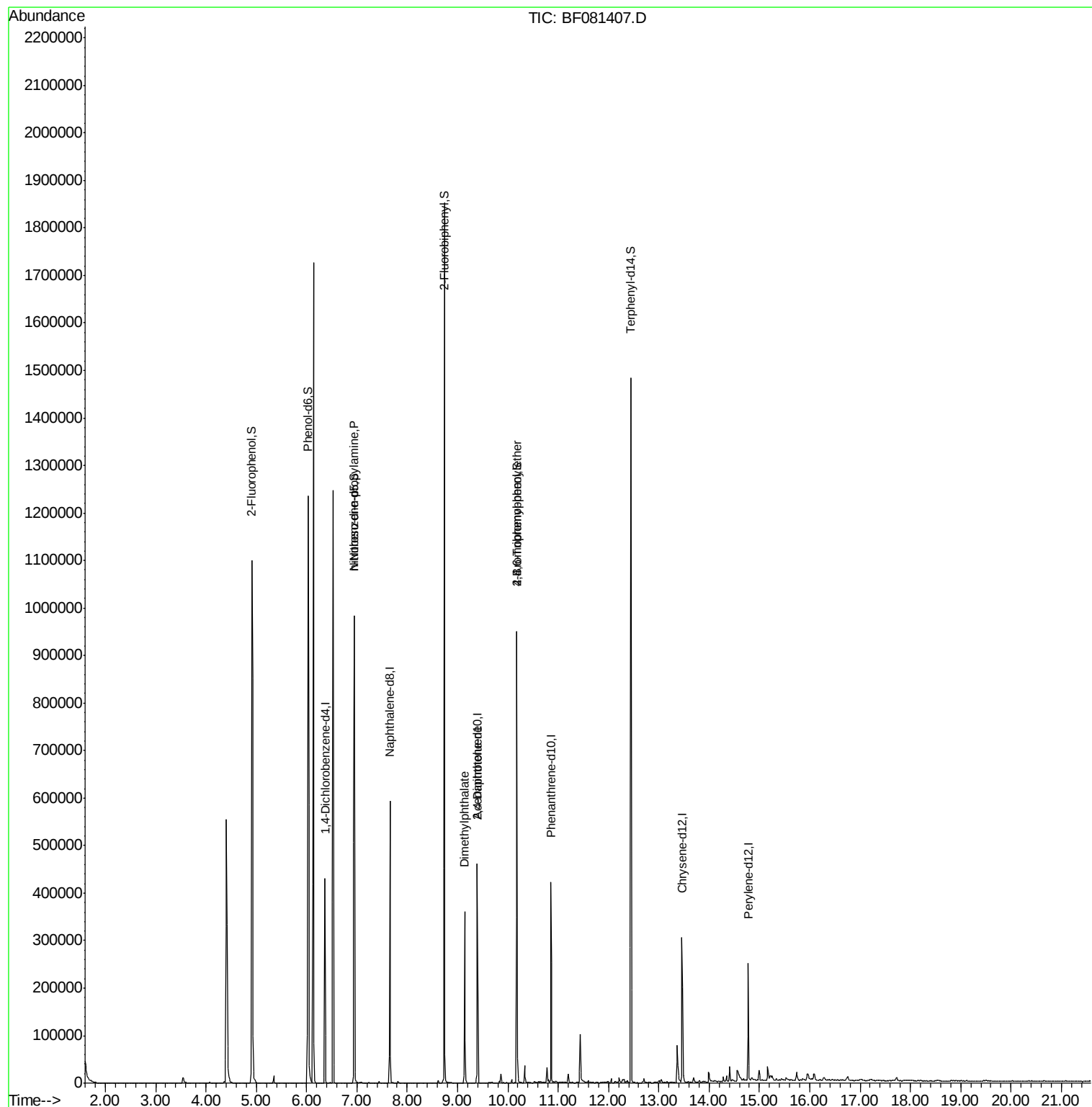
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.36	152	58509	20.00	ng	-0.02
21) Naphthalene-d8	7.66	136	233042	20.00	ng	-0.02
38) Acenaphthene-d10	9.39	164	100792	20.00	ng	-0.02
63) Phenanthrene-d10	10.86	188	193528	20.00	ng	-0.02
75) Chrysene-d12	13.46	240	140996	20.00	ng	-0.03
86) Perylene-d12	14.78	264	99899	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	4.91	112	381919	101.28	ng	-0.01
7) Phenol-d6	6.03	99	472334	94.62	ng	-0.02
23) Nitrobenzene-d5	6.95	82	359226	74.37	ng	-0.02
41) 2,4,6-Tribromophenol	10.18	330	92123	102.65	ng	-0.02
44) 2-Fluorobiphenyl	8.74	172	542064	68.92	ng	-0.02
78) Terphenyl-d14	12.44	244	435195	71.85	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	6.95	70	48692	14.33	ng	# 58
49) Dimethylphthalate	9.14	163	137630	17.57	ng	# 97
56) 2,4-Dinitrotoluene	9.39	165	12762	5.64	ng	# 31
66) 4-Bromophenyl-phenylether	10.18	248	7730	3.95	ng	# 1

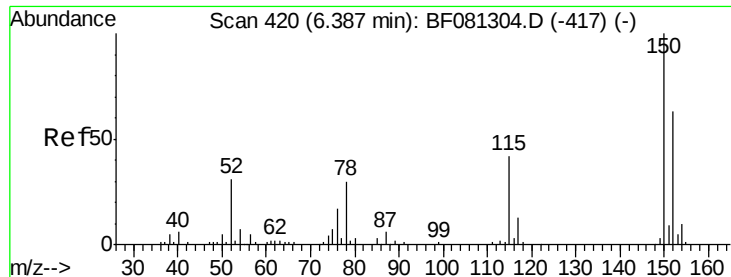
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF090315\
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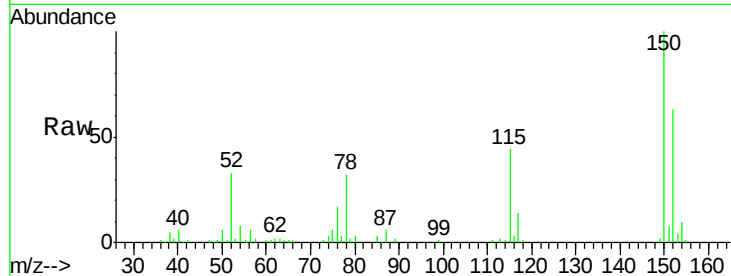


#1

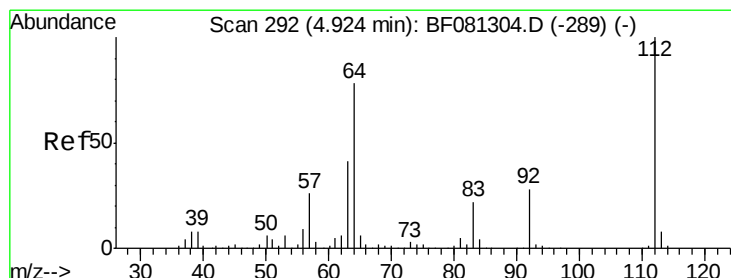
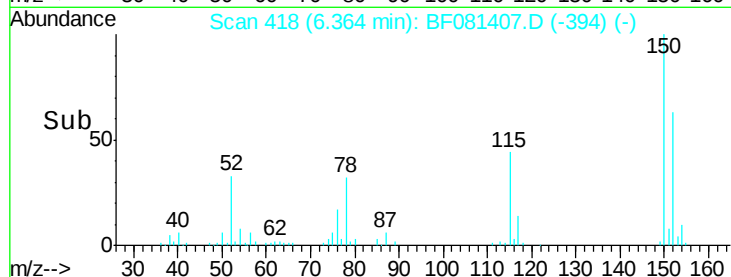
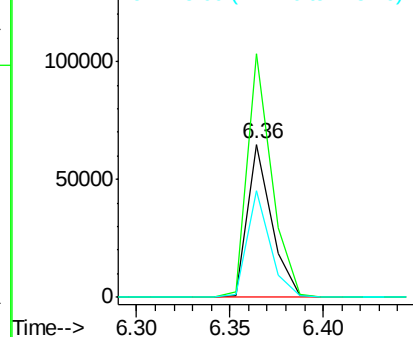
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.36 min Scan# 418
Delta R.T. -0.02 min
Lab File: BF081407.D
Acq: 4 Sep 2015 7:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 58509
Ion Ratio Lower Upper
152 100
150 159.2 124.7 187.1
115 69.6 39.0 58.4#



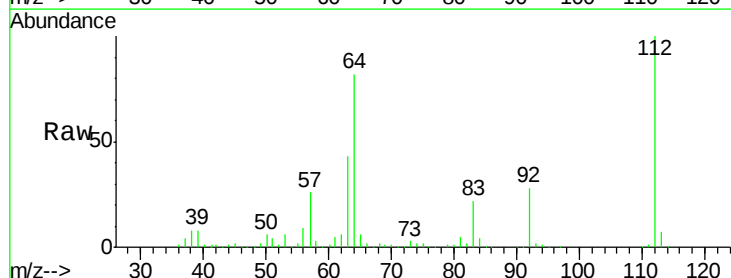
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



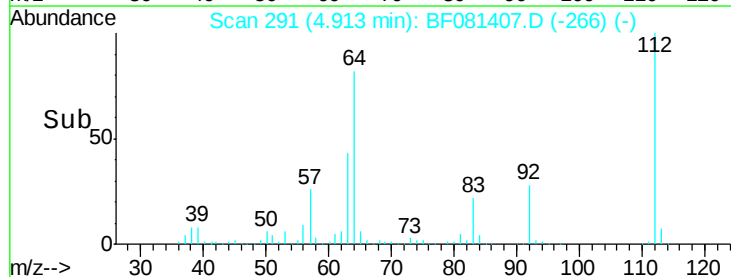
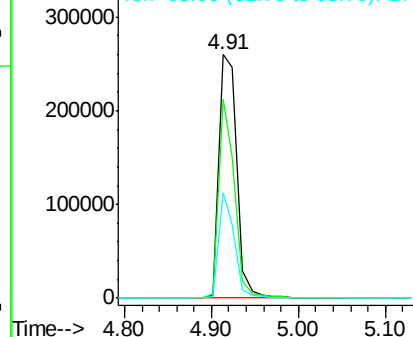
#5

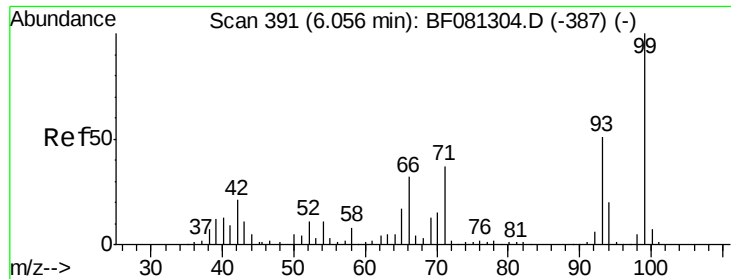
2-Fluorophenol
Concen: 101.28 ng
RT: 4.91 min Scan# 291
Delta R.T. -0.01 min
Lab File: BF081407.D
Acq: 4 Sep 2015 7:22

Tgt Ion:112 Resp: 381919
Ion Ratio Lower Upper
112 100
64 81.7 39.7 59.5#
63 43.1 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





#7

Phenol-d6

Concen: 94.62 ng

RT: 6.03 min Scan# 389

Delta R.T. -0.02 min

Lab File: BF081407.D

Acq: 4 Sep 2015 7:22

Instrument :

BNA_F

ClientSampled :

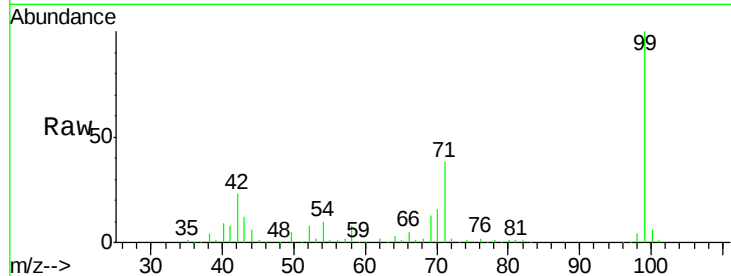
Tot Ion: 99 Resp: 472334

Ion Ratio Lower Upper

99 100

42 23.5 13.7 20.5#

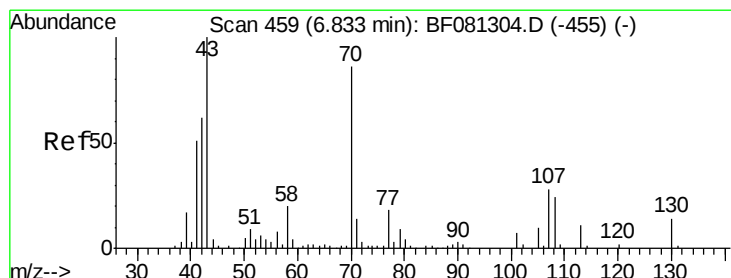
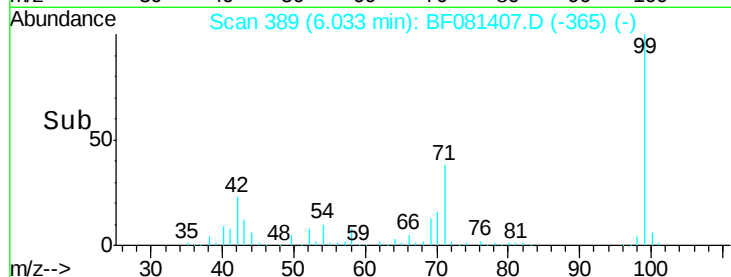
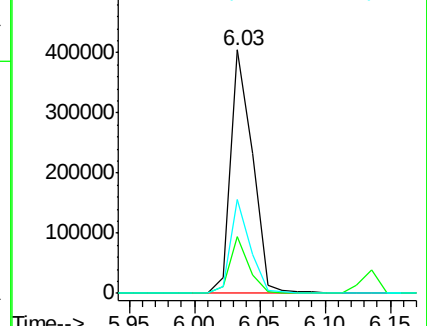
71 38.4 14.2 21.2#



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: 14.33 ng

RT: 6.95 min Scan# 469

Delta R.T. 0.11 min

Lab File: BF081407.D

Acq: 4 Sep 2015 7:22

Tgt Ion: 70 Resp: 48692

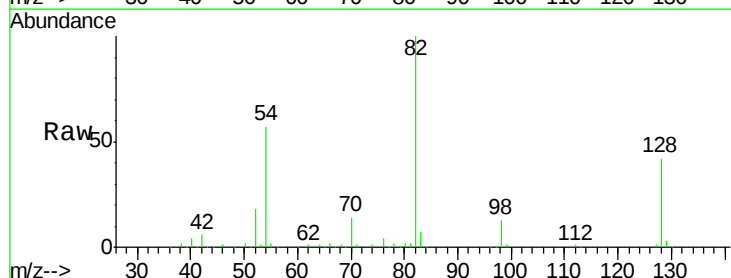
Ion Ratio Lower Upper

70 100

42 46.4 63.8 95.6#

101 0.0 9.2 13.8#

130 2.1 27.3 40.9#

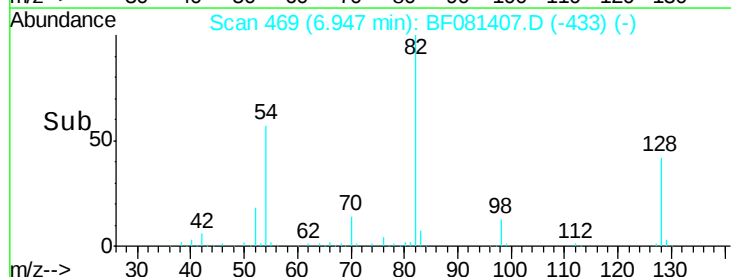
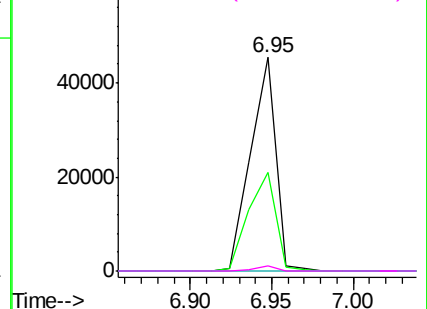


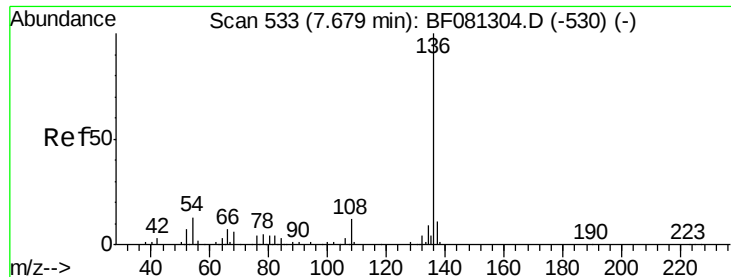
Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 7.66 min Scan# 531

Delta R.T. -0.02 min

Lab File: BF081407.D

Acq: 4 Sep 2015 7:22

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 233042

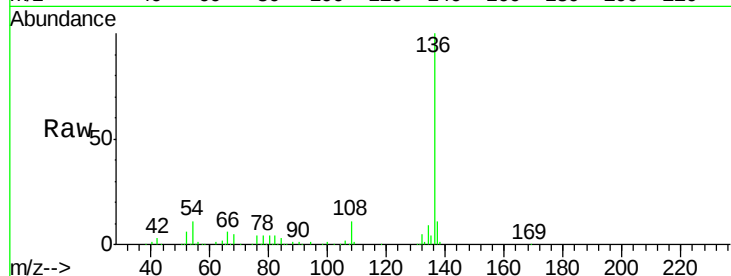
Ion Ratio Lower Upper

136 100

137 10.9 9.0 13.6

54 11.4 8.2 12.2

68 5.2 5.8 8.6#

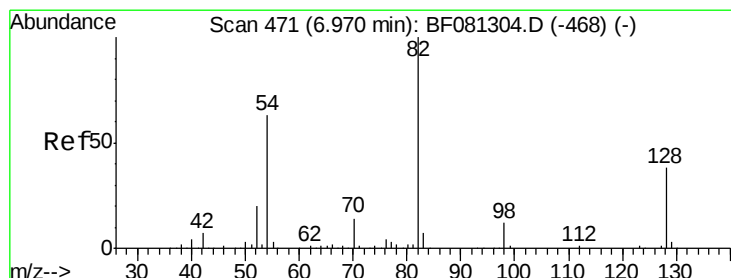
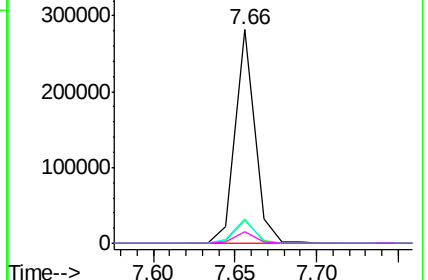
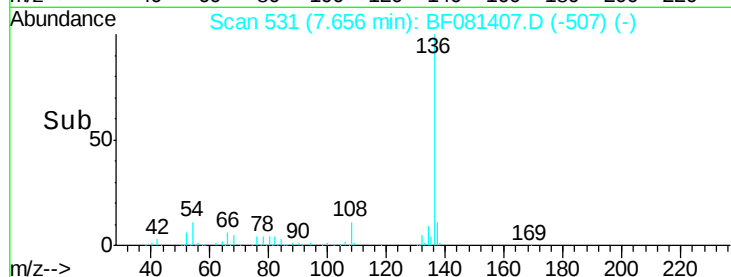


Abundance Ion 136.00 (135.70 to 136.70): E

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: 74.37 ng

RT: 6.95 min Scan# 469

Delta R.T. -0.02 min

Lab File: BF081407.D

Acq: 4 Sep 2015 7:22

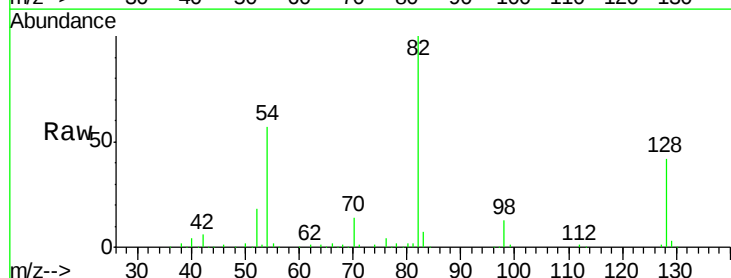
Tgt Ion: 82 Resp: 359226

Ion Ratio Lower Upper

82 100

128 41.5 51.0 76.6#

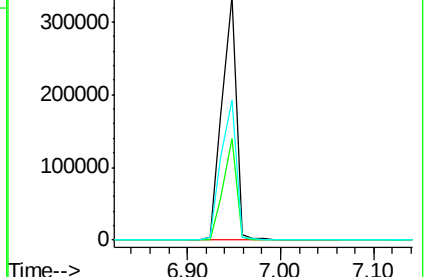
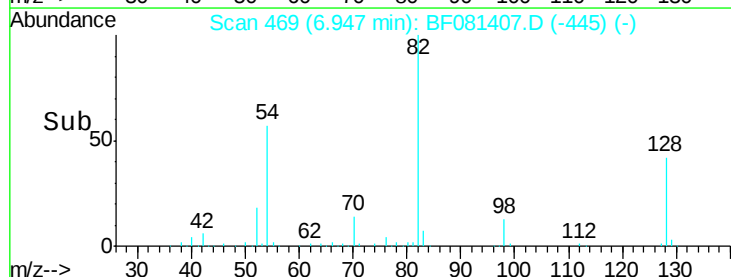
54 57.5 47.5 71.3

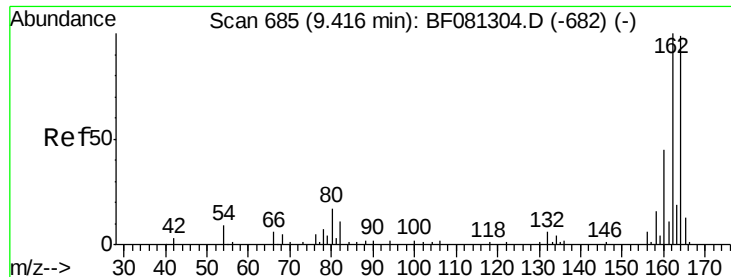


Abundance Ion 82.00 (81.70 to 82.70): BF0

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: 9.39 min Scan# 683

Delta R.T. -0.02 min

Lab File: BF081407.D

Acq: 4 Sep 2015 7:22

Instrument :

BNA_F

ClientSampleId :

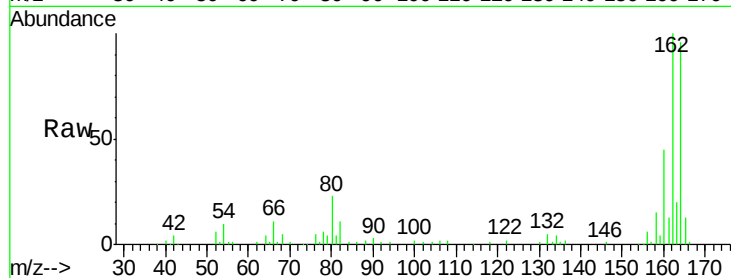
Tot Ion:164 Resp: 100792

Ion Ratio Lower Upper

164 100

162 103.7 75.2 112.8

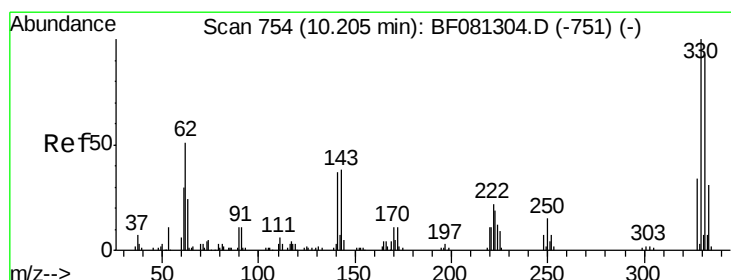
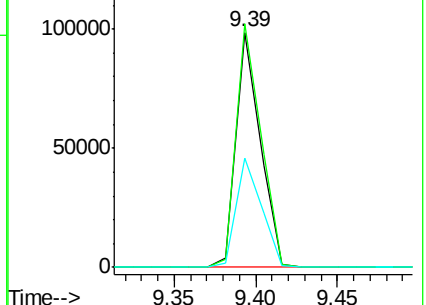
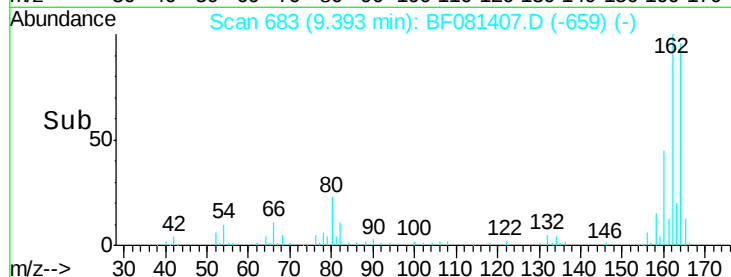
160 46.3 31.5 47.3



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: 102.65 ng

RT: 10.18 min Scan# 752

Delta R.T. -0.02 min

Lab File: BF081407.D

Acq: 4 Sep 2015 7:22

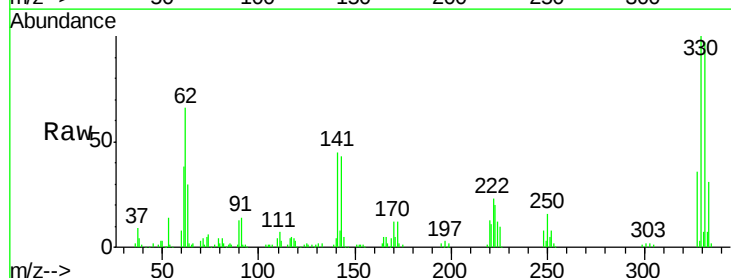
Tgt Ion:330 Resp: 92123

Ion Ratio Lower Upper

330 100

332 96.6 76.6 114.8

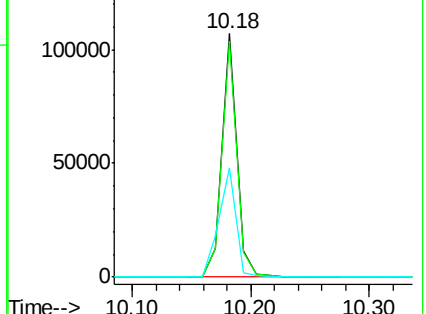
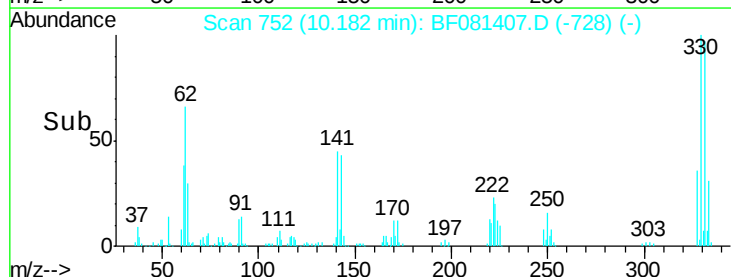
141 51.4 29.7 44.5#

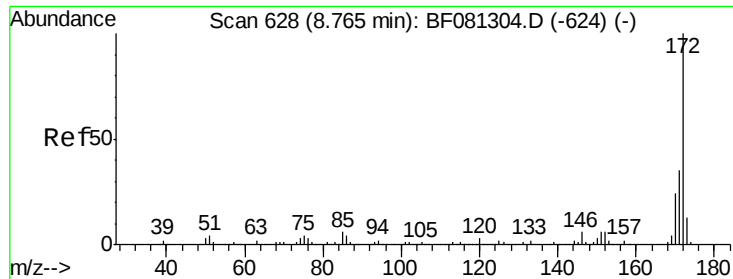


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

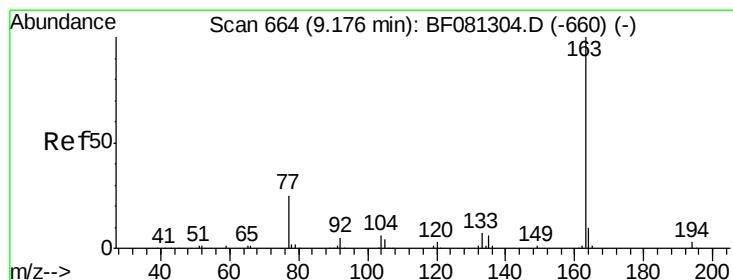
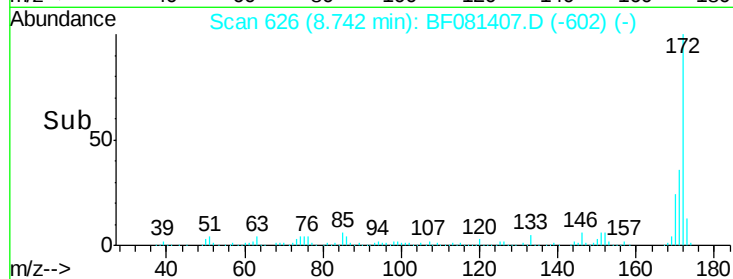
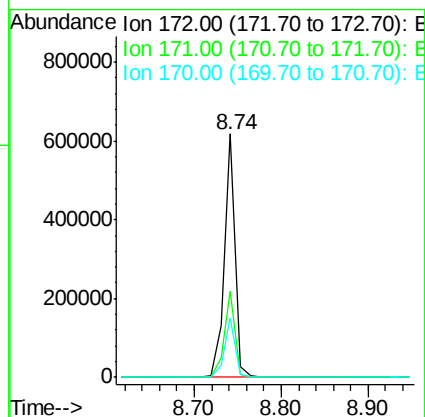
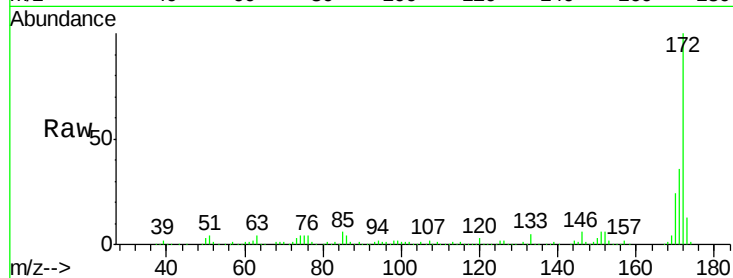




#44
2-Fluorobiphenyl
Concen: 68.92 ng
RT: 8.74 min Scan# 626
Delta R.T. -0.02 min
Lab File: BF081407.D
Acq: 4 Sep 2015 7:22

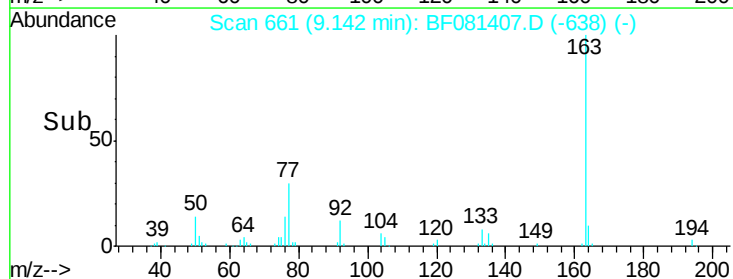
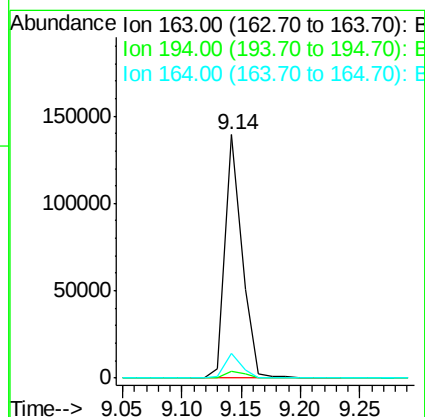
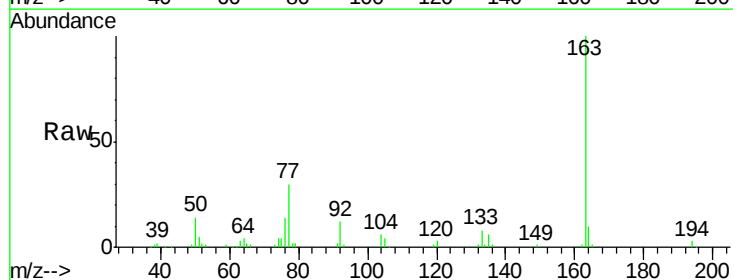
Instrument :
BNA_F
ClientSampleId :

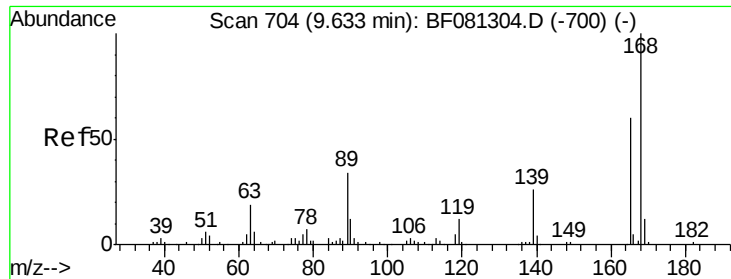
Tot Ion:172 Resp: 542064
Ion Ratio Lower Upper
172 100
171 35.6 26.1 39.1
170 24.2 17.4 26.2



#49
Dimethylphthalate
Concen: 17.57 ng
RT: 9.14 min Scan# 661
Delta R.T. -0.03 min
Lab File: BF081407.D
Acq: 4 Sep 2015 7:22

Tgt Ion:163 Resp: 137630
Ion Ratio Lower Upper
163 100
194 2.9 4.4 6.6#
164 10.2 8.3 12.5

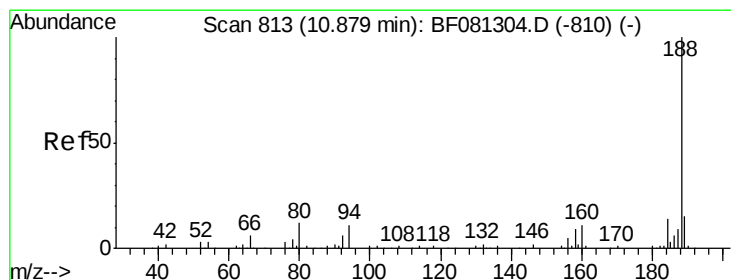
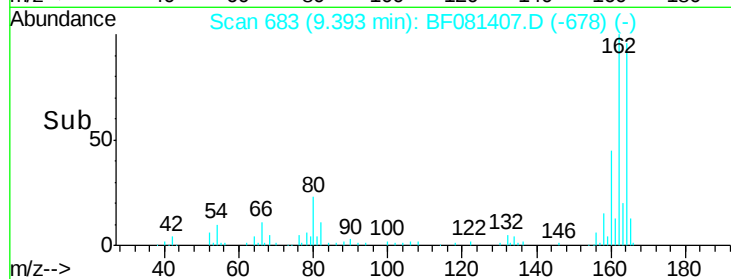
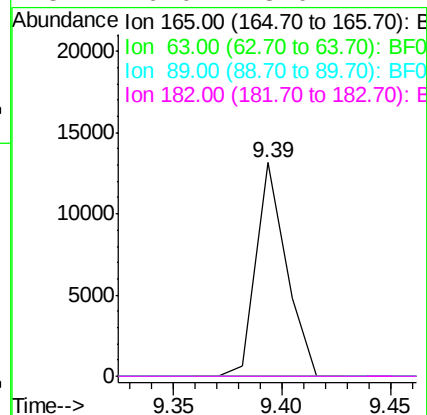
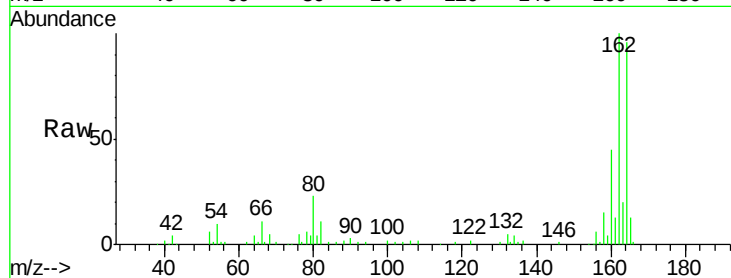




#56
 2,4-Dinitrotoluene
 Concen: 5.64 ng
 RT: 9.39 min Scan# 683
 Delta R.T. -0.24 min
 Lab File: BF081407.D
 Acq: 4 Sep 2015 7:22

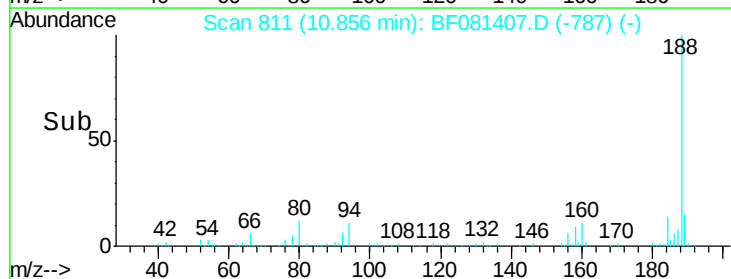
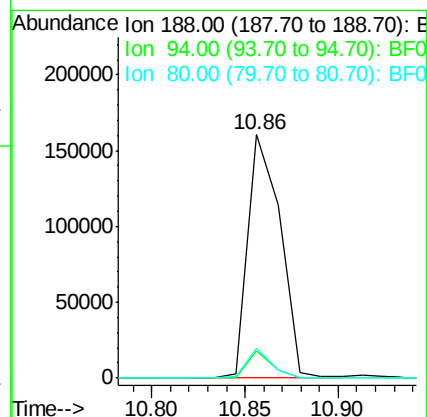
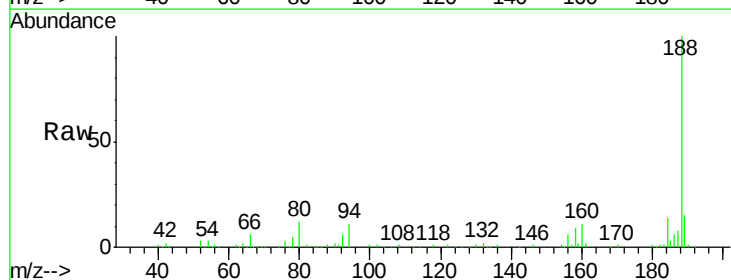
Instrument :
 BNA_F
 ClientSampleId :

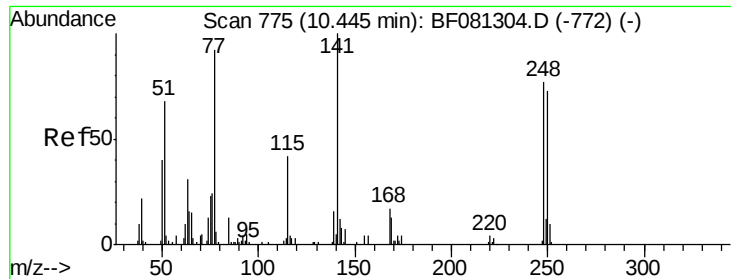
Tot Ion:	165	Resp:	12762
Ion	Ratio	Lower	Upper
165	100		
63	0.0	29.8	44.6#
89	0.0	44.5	66.7#
182	0.0	3.0	4.4#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 10.86 min Scan# 811
 Delta R.T. -0.02 min
 Lab File: BF081407.D
 Acq: 4 Sep 2015 7:22

Tgt Ion:	188	Resp:	193528
Ion	Ratio	Lower	Upper
188	100		
94	11.3	11.1	16.7
80	12.3	11.0	16.4





#66

4-Bromophenyl-phenylether

Concen: 3.95 ng

RT: 10.18 min Scan# 752

Delta R.T. -0.26 min

Lab File: BF081407.D

Acq: 4 Sep 2015 7:22

Instrument :

BNA_F

ClientSampleId :

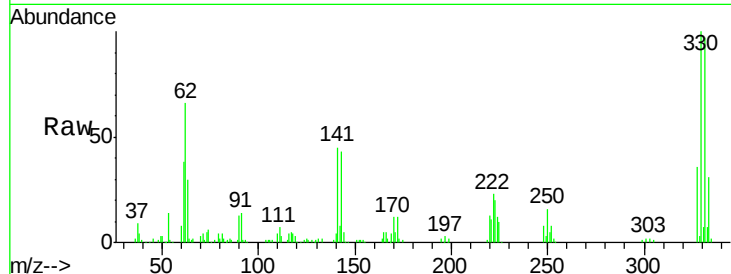
Tot Ion:248 Resp: 7730

Ion Ratio Lower Upper

248 100

250 187.9 78.5 117.7#

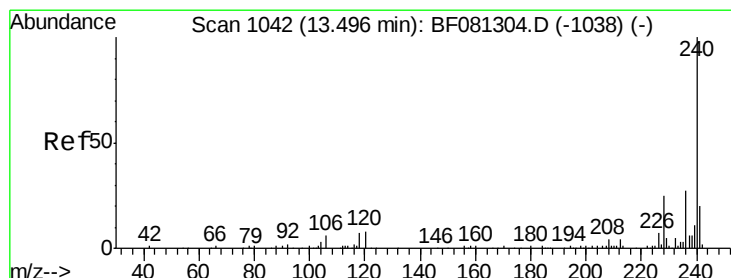
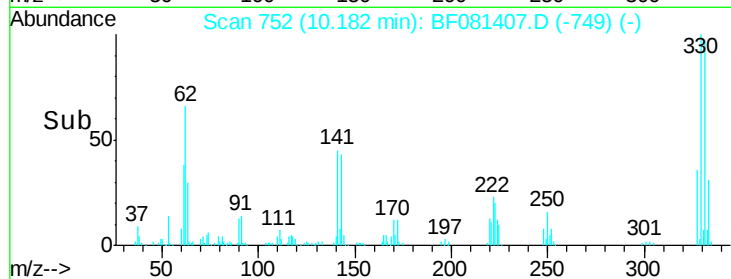
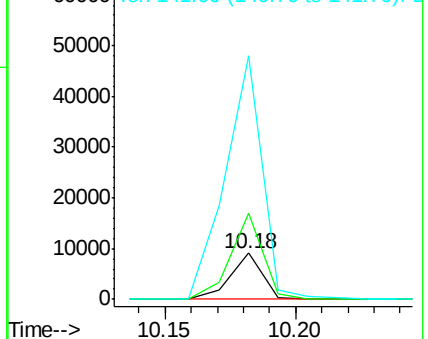
141 529.7 59.0 88.6#



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: 13.46 min Scan# 1039

Delta R.T. -0.03 min

Lab File: BF081407.D

Acq: 4 Sep 2015 7:22

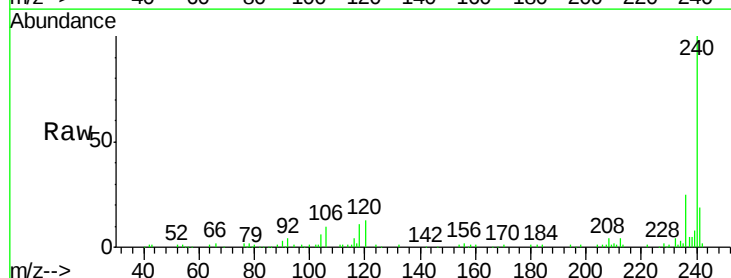
Tgt Ion:240 Resp: 140996

Ion Ratio Lower Upper

240 100

120 13.3 16.2 24.2#

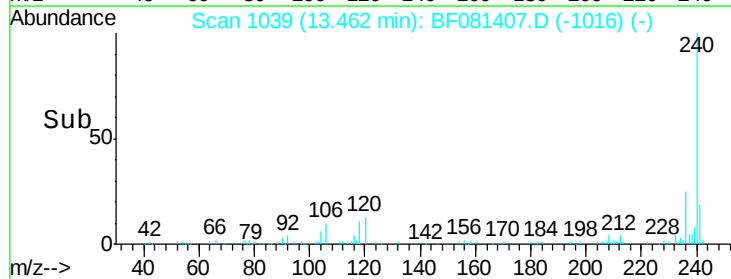
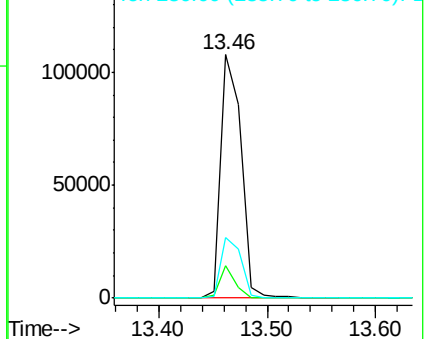
236 24.7 18.4 27.6

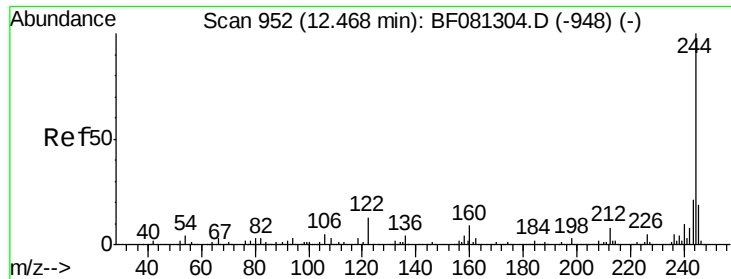


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

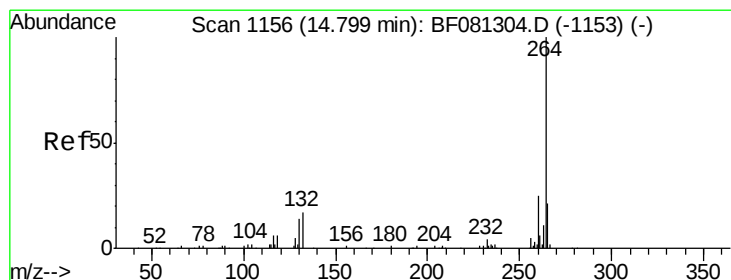
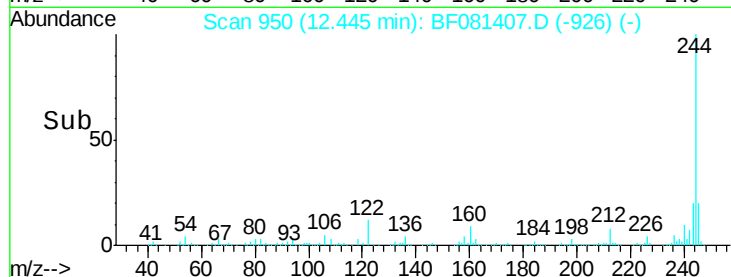
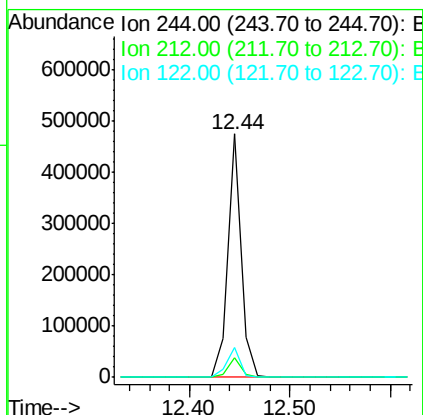
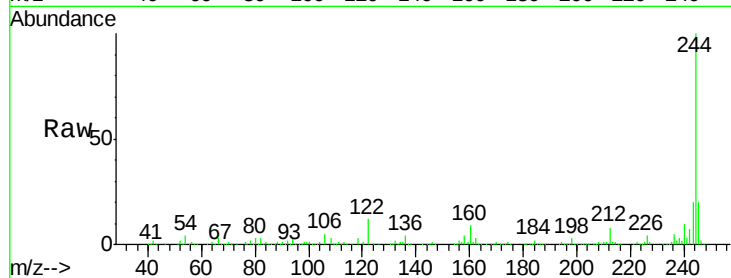




#78
 Terphenyl-d14
 Concen: 71.85 ng
 RT: 12.44 min Scan# 950
 Delta R.T. -0.02 min
 Lab File: BF081407.D
 Acq: 4 Sep 2015 7:22

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 435195
 Ion Ratio Lower Upper
 244 100
 212 7.9 4.3 6.5#
 122 12.4 17.4 26.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.78 min Scan# 1154
 Delta R.T. -0.02 min
 Lab File: BF081407.D
 Acq: 4 Sep 2015 7:22

Tgt Ion:264 Resp: 99899
 Ion Ratio Lower Upper
 264 100
 260 23.9 16.7 25.1
 265 20.3 17.2 25.8

