

Data Path : Z:\HPCHEM1\BNA F\DATA\BF090415\
 Data File : BF081457.D
 Acq On : 5 Sep 2015 11:12
 Operator : UM/IZ
 Sample : G3526-16
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 07 02:48:43 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF090115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 07 02:47:26 2015
 Response via : Initial Calibration

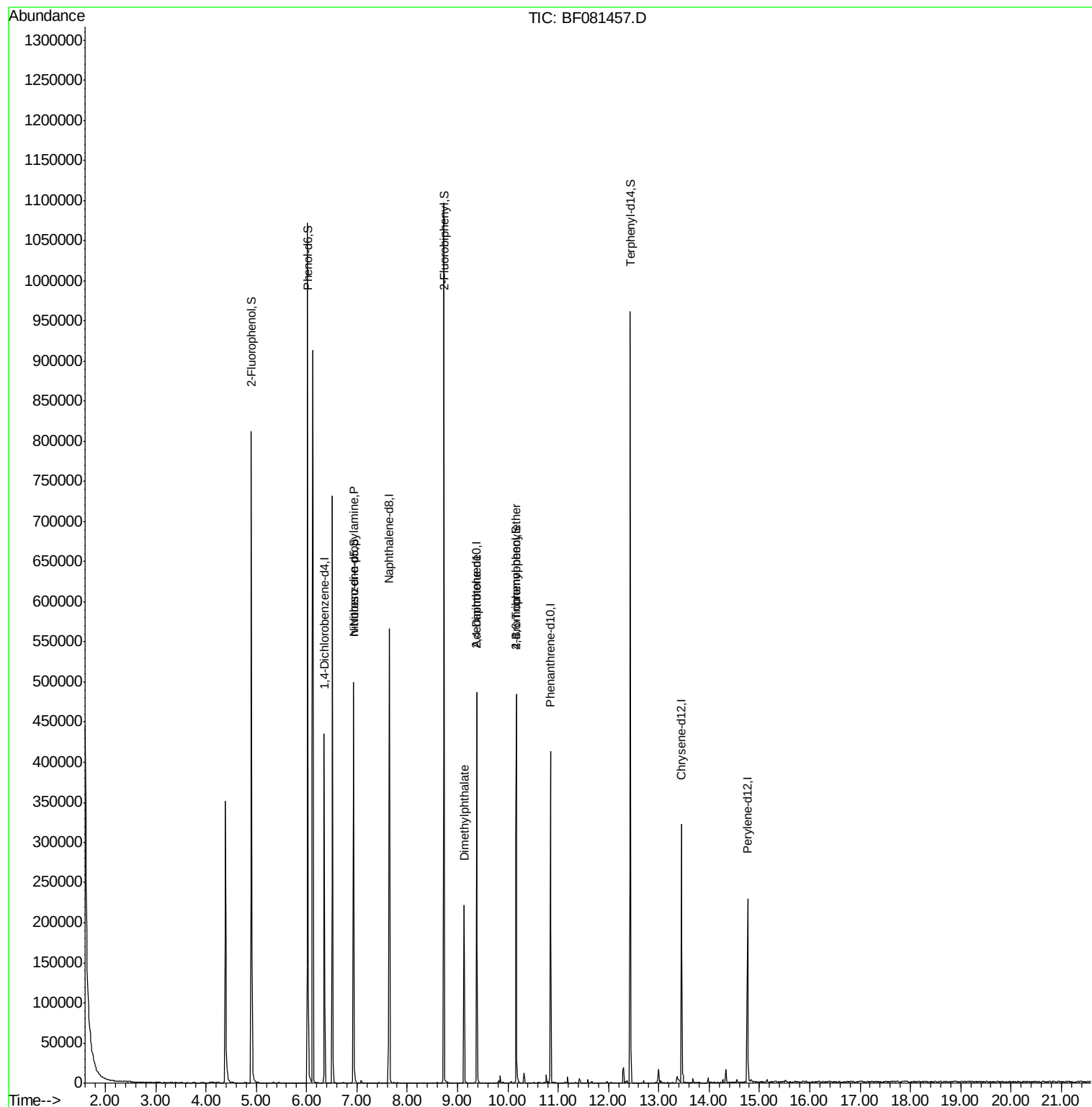
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.35	152	58689	20.00	ng	-0.01
21) Naphthalene-d8	7.64	136	225525	20.00	ng	-0.01
38) Acenaphthene-d10	9.38	164	102077	20.00	ng	-0.01
63) Phenanthrene-d10	10.84	188	182537	20.00	ng	-0.01
75) Chrysene-d12	13.45	240	147223	20.00	ng	-0.01
86) Perylene-d12	14.77	264	110522	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.90	112	229323	60.62	ng	0.01
7) Phenol-d6	6.02	99	317351	63.38	ng	-0.01
23) Nitrobenzene-d5	6.94	82	209848	44.89	ng	-0.01
41) 2,4,6-Tribromophenol	10.17	330	65023	71.54	ng	-0.01
44) 2-Fluorobiphenyl	8.73	172	373358	46.87	ng	0.00
78) Terphenyl-d14	12.43	244	302727	47.87	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	6.94	70	26984	7.92	ng	# 59
49) Dimethylphthalate	9.13	163	81787	10.31	ng	# 96
56) 2,4-Dinitrotoluene	9.38	165	13045	5.69	ng	# 31
66) 4-Bromophenyl-phenylether	10.17	248	4881	2.64	ng	# 1

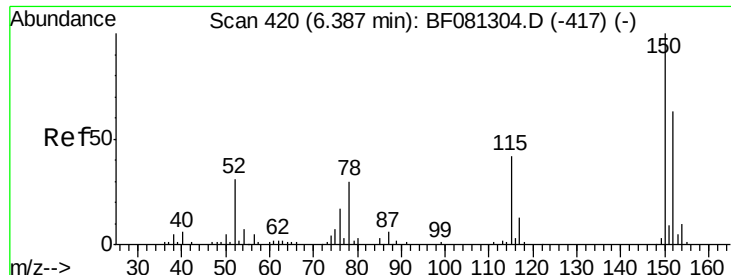
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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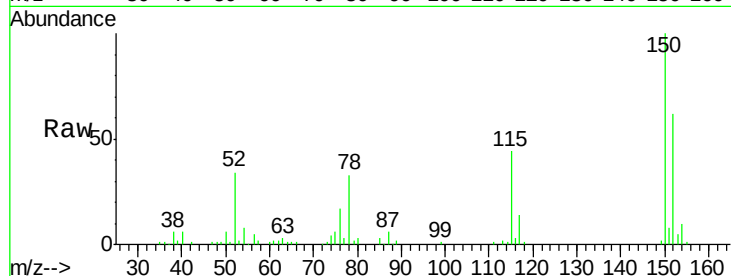


#1

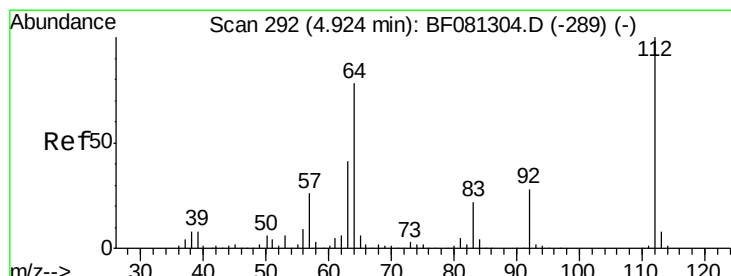
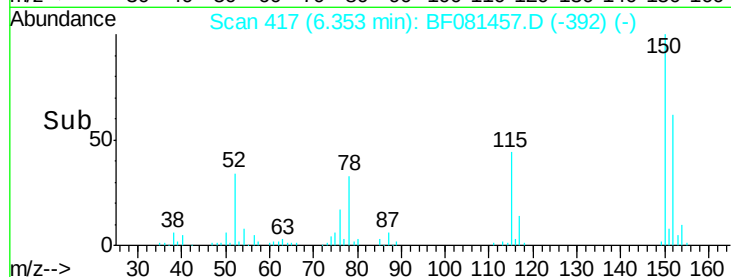
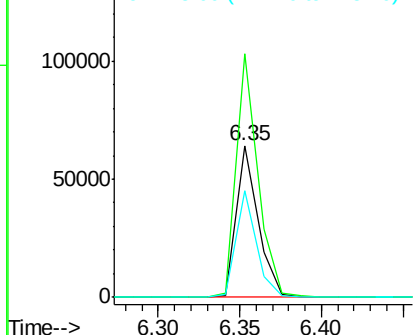
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.35 min Scan# 417
Delta R.T. -0.01 min
Lab File: BF081457.D
Acq: 5 Sep 2015 11:12

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 58689
Ion Ratio Lower Upper
152 100
150 160.3 124.7 187.1
115 70.2 39.0 58.4#



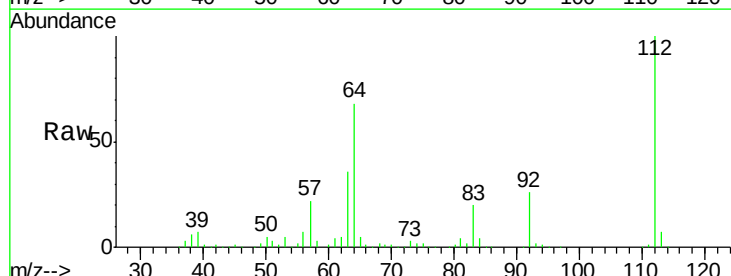
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



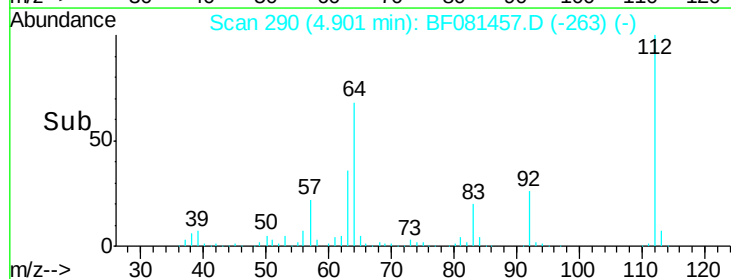
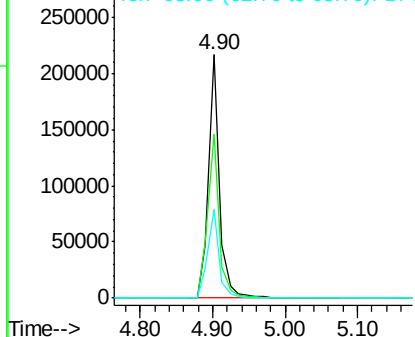
#5

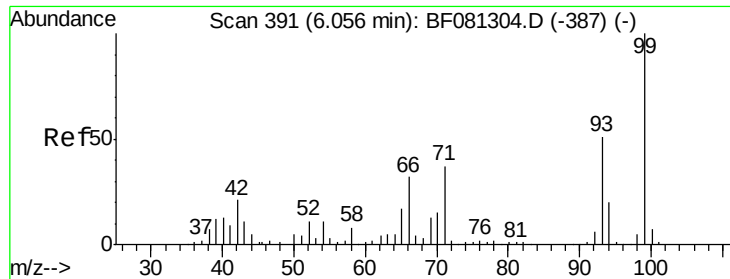
2-Fluorophenol
Concen: 60.62 ng
RT: 4.90 min Scan# 290
Delta R.T. 0.01 min
Lab File: BF081457.D
Acq: 5 Sep 2015 11:12

Tgt Ion:112 Resp: 229323
Ion Ratio Lower Upper
112 100
64 67.7 39.7 59.5#
63 36.4 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





#7

Phenol-d6

Concen: 63.38 ng

RT: 6.02 min Scan# 388

Delta R.T. -0.01 min

Lab File: BF081457.D

Acq: 5 Sep 2015 11:12

Instrument :

BNA_F

ClientSampled :

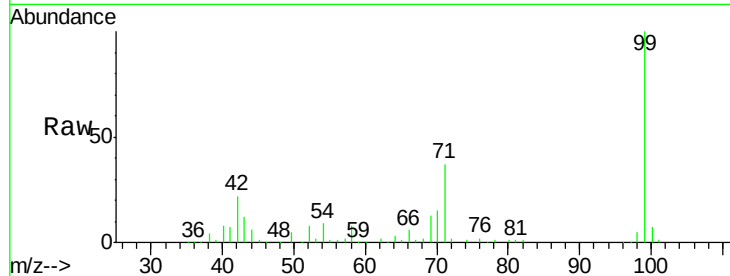
Tot Ion: 99 Resp: 317351

Ion Ratio Lower Upper

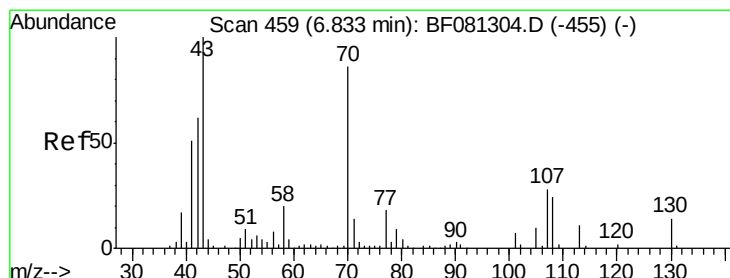
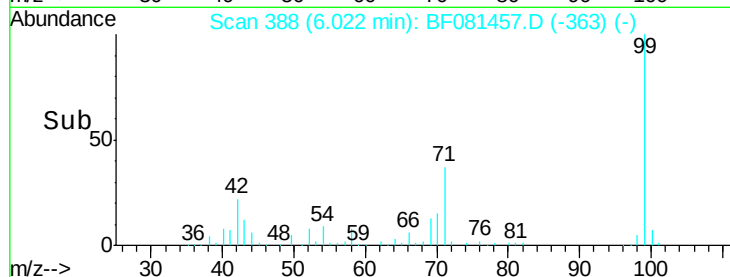
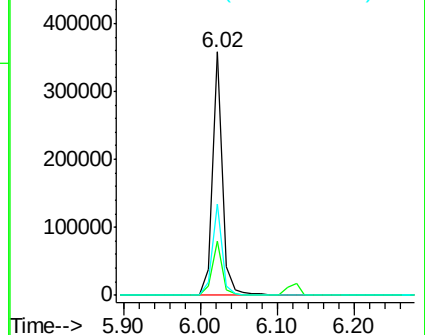
99 100

42 22.2 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: 7.92 ng

RT: 6.94 min Scan# 468

Delta R.T. 0.13 min

Lab File: BF081457.D

Acq: 5 Sep 2015 11:12

Tgt Ion: 70 Resp: 26984

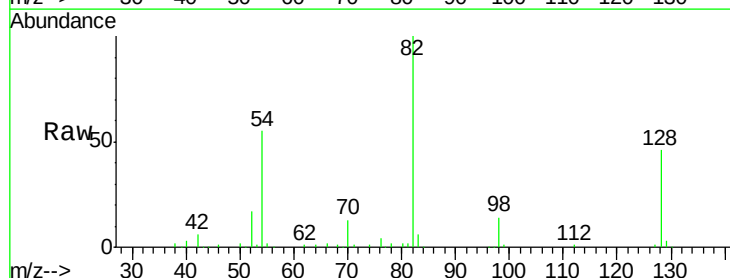
Ion Ratio Lower Upper

70 100

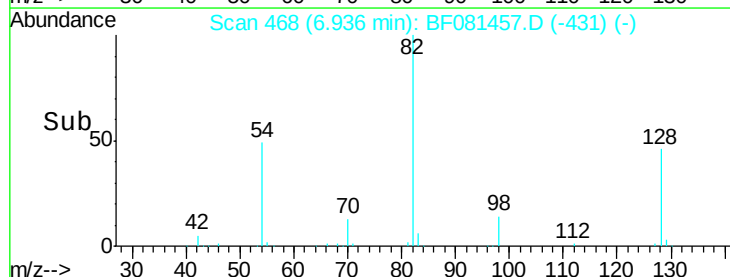
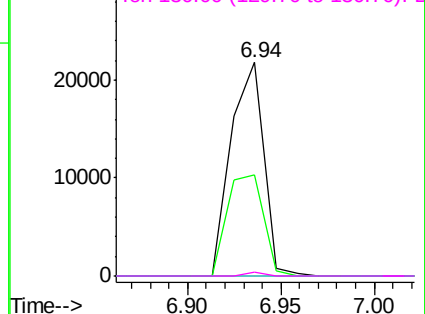
42 47.3 63.8 95.6#

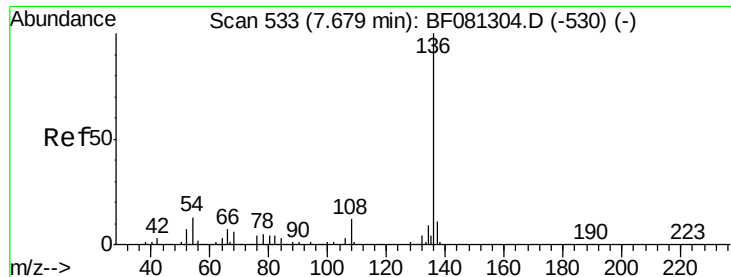
101 0.0 9.2 13.8#

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: 7.64 min Scan# 530

Delta R.T. -0.01 min

Lab File: BF081457.D

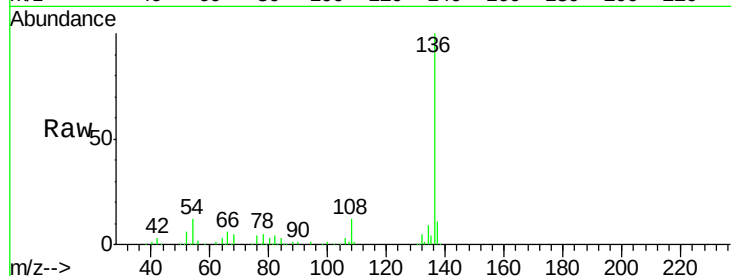
Acq: 5 Sep 2015 11:12

Instrument :

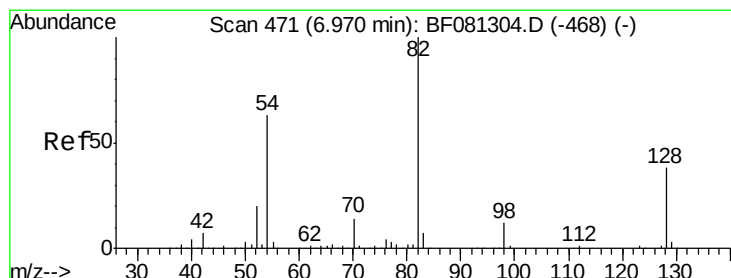
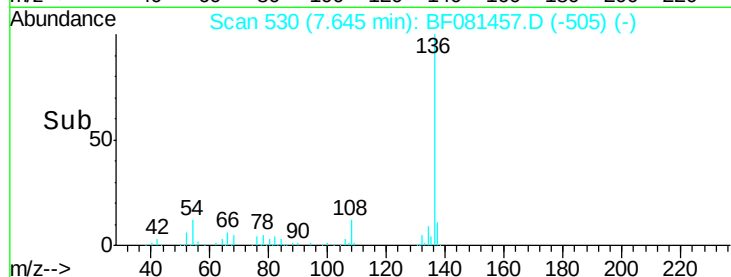
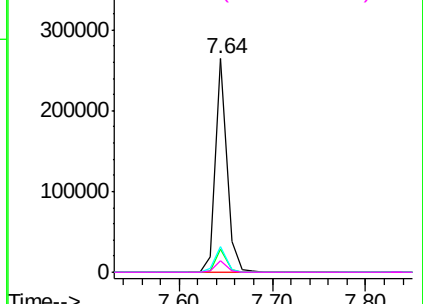
BNA_F

ClientSampleId :

Tot Ion:136	Resp:	225525
Ion Ratio	Lower	Upper
136	100	
137	11.1	9.0 13.6
54	11.8	8.2 12.2
68	5.4	5.8 8.6#



Abundance Ion 136.00 (135.70 to 136.70): E



#23

Nitrobenzene-d5

Concen: 44.89 ng

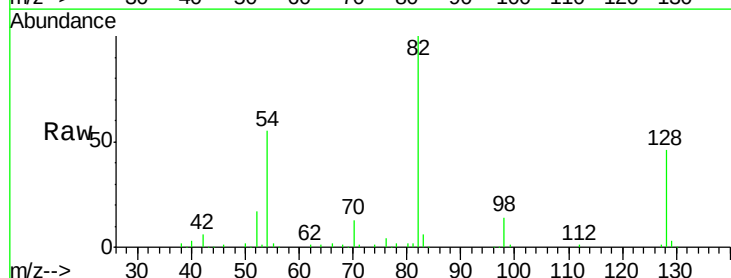
RT: 6.94 min Scan# 468

Delta R.T. -0.01 min

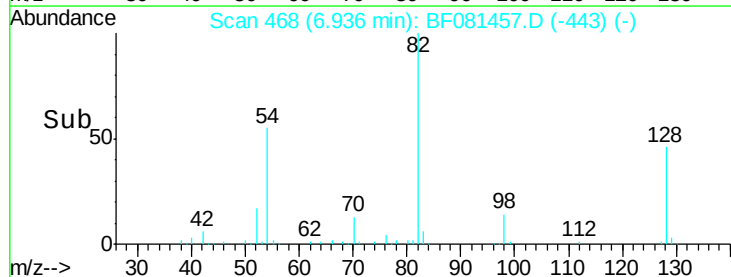
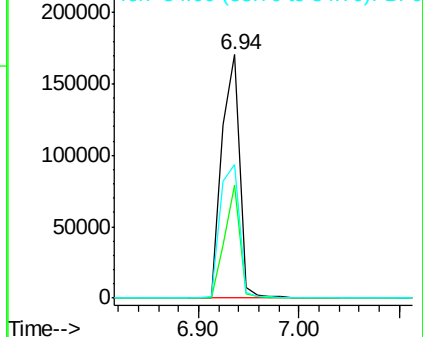
Lab File: BF081457.D

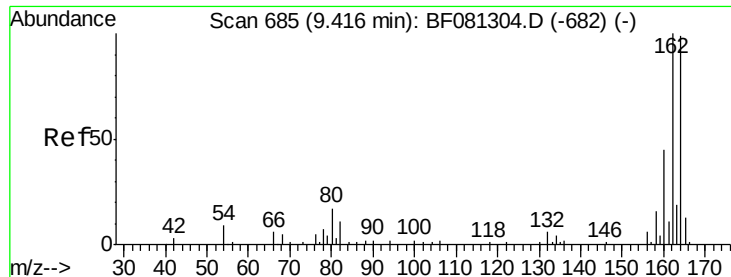
Acq: 5 Sep 2015 11:12

Tgt Ion: 82	Resp:	209848
Ion Ratio	Lower	Upper
82	100	
128	46.3	51.0 76.6#
54	54.9	47.5 71.3



Abundance Ion 82.00 (81.70 to 82.70): BF0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.38 min Scan# 682

Delta R.T. -0.01 min

Lab File: BF081457.D

Acq: 5 Sep 2015 11:12

Instrument :

BNA_F

ClientSampleId :

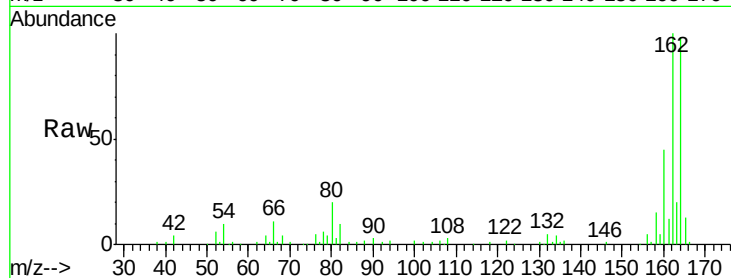
Tot Ion:164 Resp: 102077

Ion Ratio Lower Upper

164 100

162 102.3 75.2 112.8

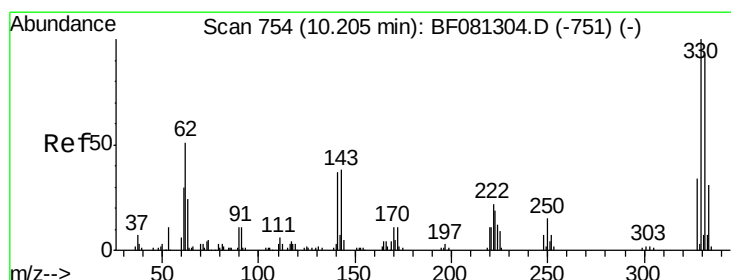
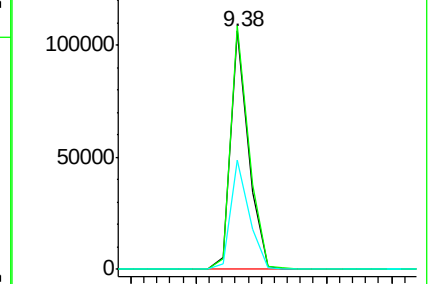
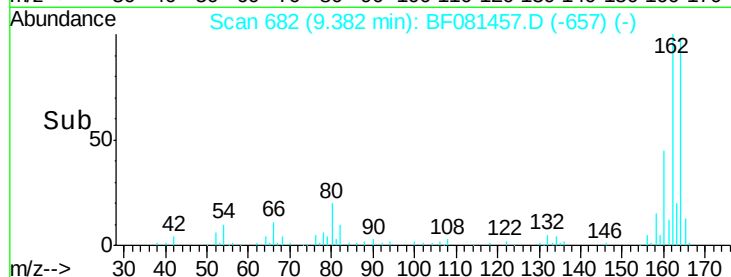
160 46.0 31.5 47.3



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: 71.54 ng

RT: 10.17 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF081457.D

Acq: 5 Sep 2015 11:12

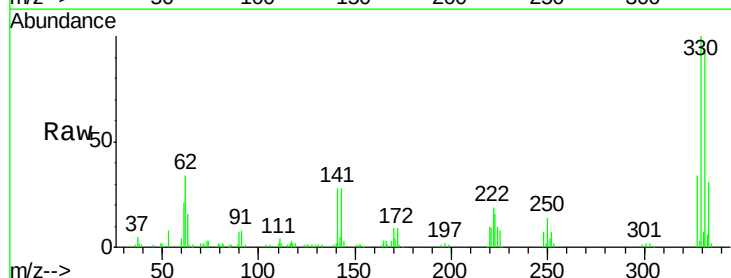
Tgt Ion:330 Resp: 65023

Ion Ratio Lower Upper

330 100

332 93.6 76.6 114.8

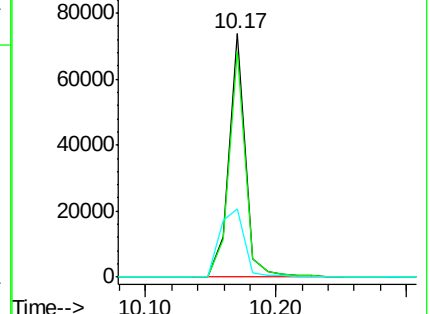
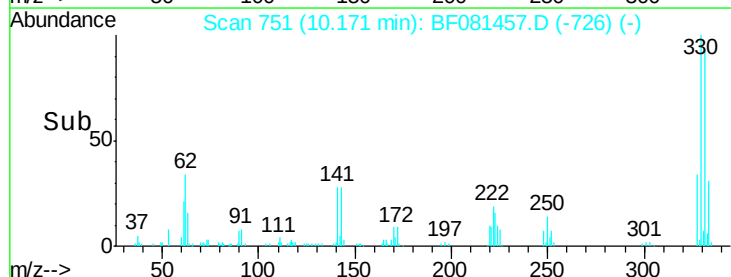
141 42.6 29.7 44.5

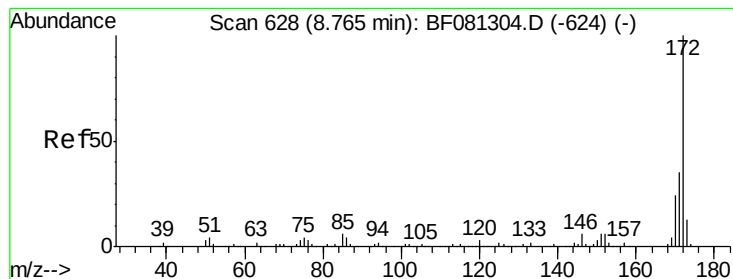


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 46.87 ng

RT: 8.73 min Scan# 625

Delta R.T. 0.00 min

Lab File: BF081457.D

Acq: 5 Sep 2015 11:12

Instrument :

BNA_F

ClientSampleId :

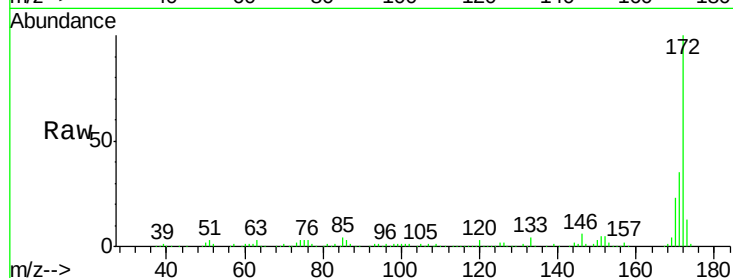
Tot Ion:172 Resp: 373358

Ion Ratio Lower Upper

172 100

171 34.7 26.1 39.1

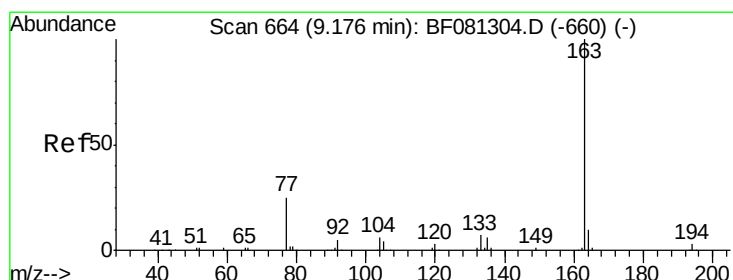
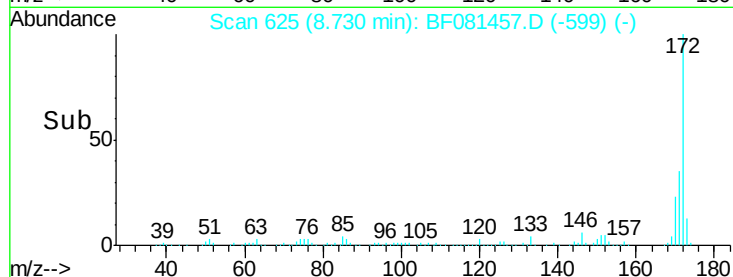
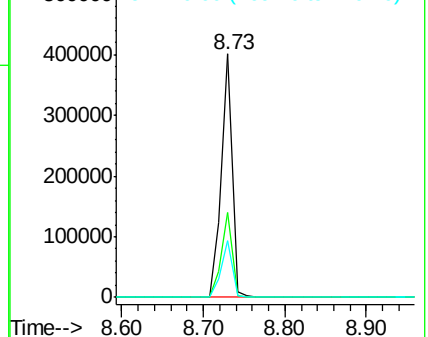
170 23.3 17.4 26.2



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: 10.31 ng

RT: 9.13 min Scan# 660

Delta R.T. -0.02 min

Lab File: BF081457.D

Acq: 5 Sep 2015 11:12

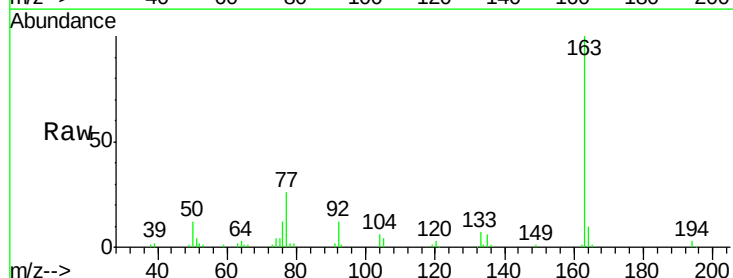
Tgt Ion:163 Resp: 81787

Ion Ratio Lower Upper

163 100

194 2.7 4.4 6.6#

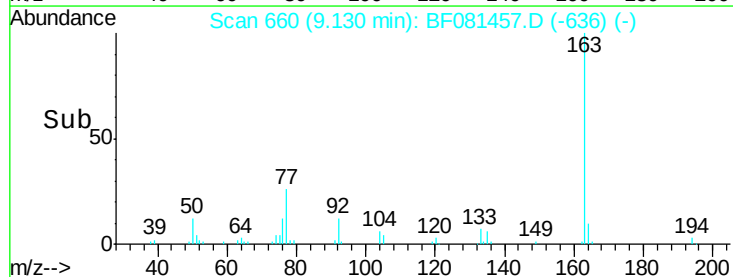
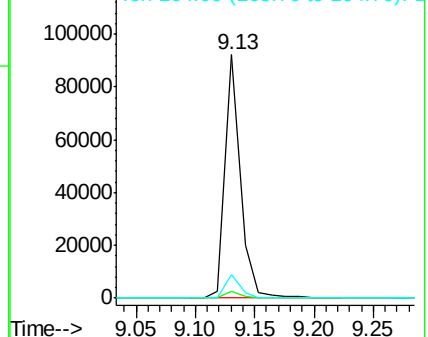
164 9.8 8.3 12.5

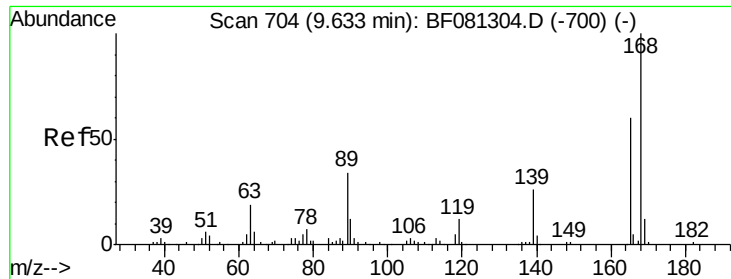


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

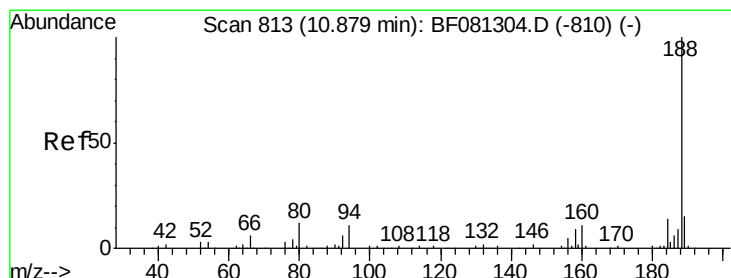
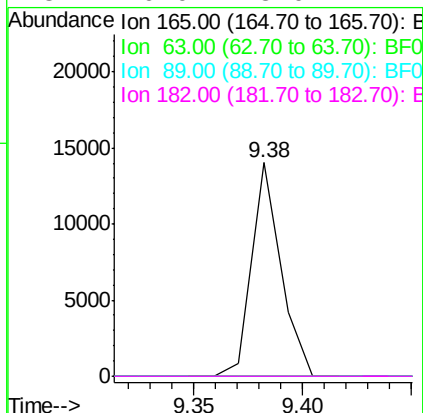
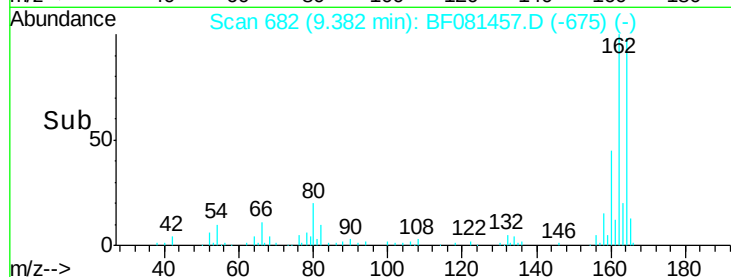
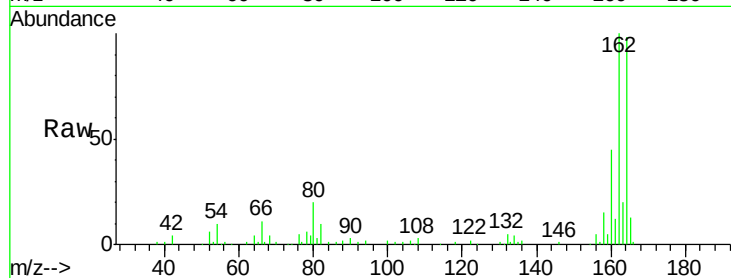




#56
 2,4-Dinitrotoluene
 Concen: 5.69 ng
 RT: 9.38 min Scan# 682
 Delta R.T. -0.22 min
 Lab File: BF081457.D
 Acq: 5 Sep 2015 11:12

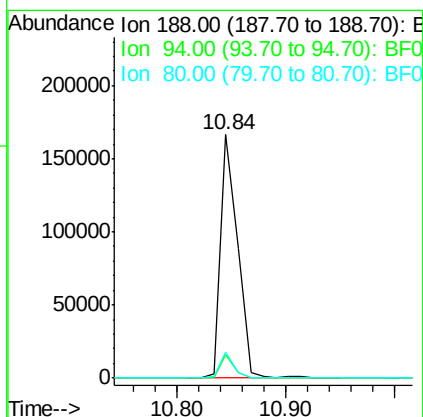
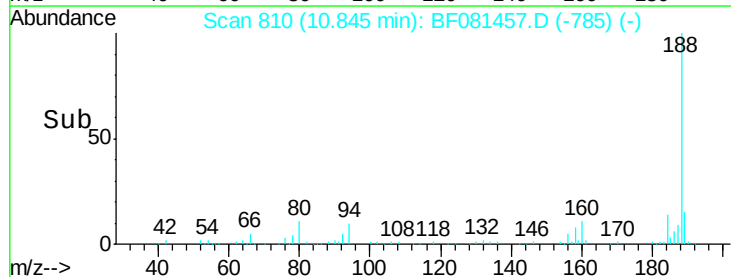
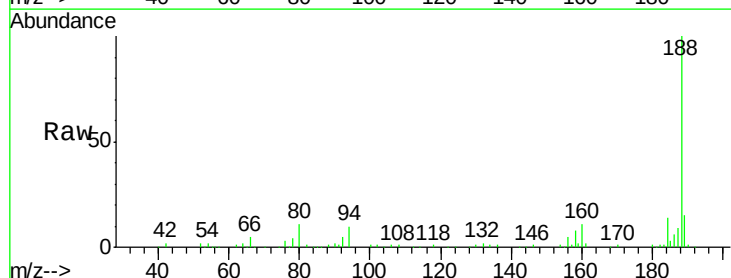
Instrument :
 BNA_F
 ClientSampleId :

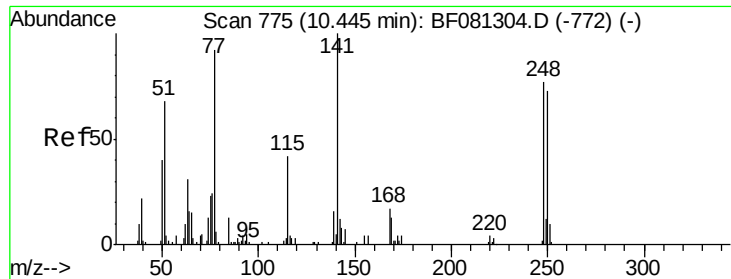
Tot Ion:	165	Resp:	13045
Ion	Ratio	Lower	Upper
165	100		
63	0.0	29.8	44.6#
89	0.0	44.5	66.7#
182	0.0	3.0	4.4#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 10.84 min Scan# 810
 Delta R.T. -0.01 min
 Lab File: BF081457.D
 Acq: 5 Sep 2015 11:12

Tgt Ion:	188	Resp:	182537
Ion	Ratio	Lower	Upper
188	100		
94	9.7	11.1	16.7#
80	10.9	11.0	16.4#





#66

4-Bromophenyl-phenylether

Concen: 2.64 ng

RT: 10.17 min Scan# 751

Delta R.T. -0.25 min

Lab File: BF081457.D

Acq: 5 Sep 2015 11:12

Instrument :

BNA_F

ClientSampled :

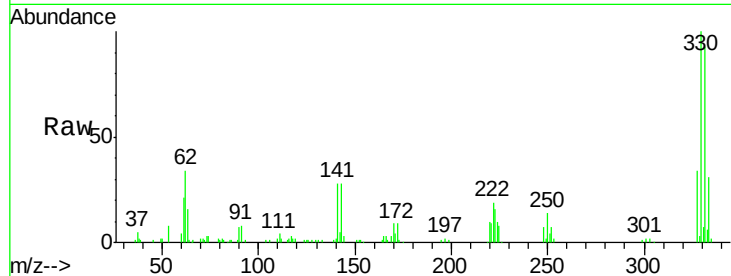
Tot Ion:248 Resp: 4881

Ion Ratio Lower Upper

248 100

250 183.2 78.5 117.7#

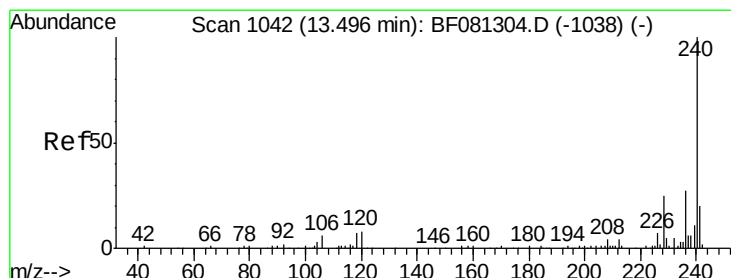
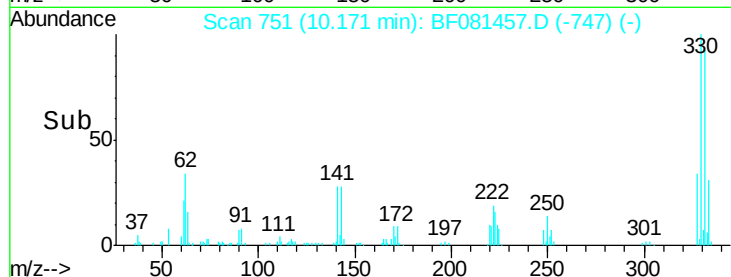
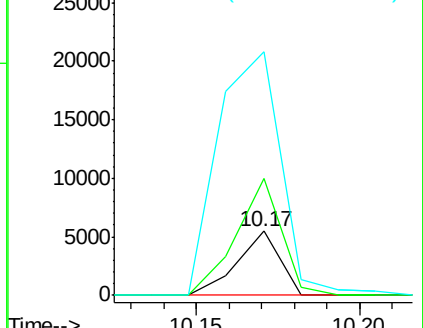
141 380.9 59.0 88.6#



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: 13.45 min Scan# 1038

Delta R.T. -0.01 min

Lab File: BF081457.D

Acq: 5 Sep 2015 11:12

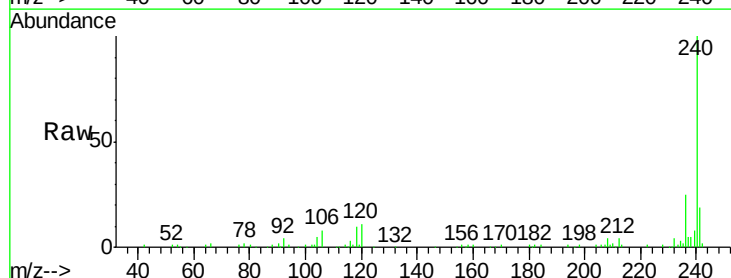
Tgt Ion:240 Resp: 147223

Ion Ratio Lower Upper

240 100

120 11.2 16.2 24.2#

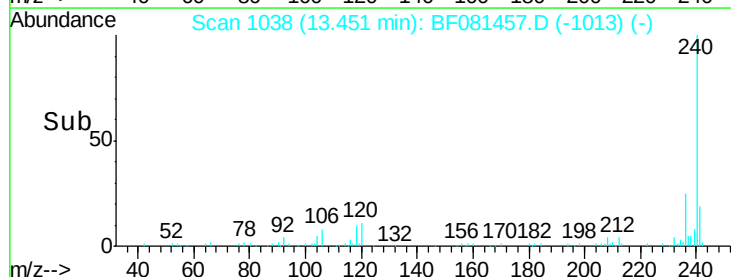
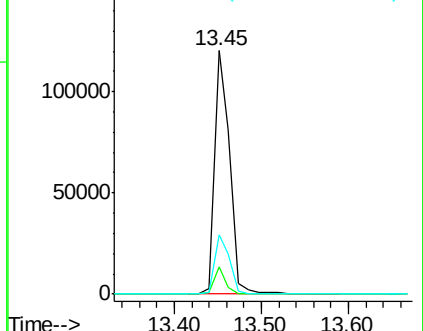
236 24.6 18.4 27.6

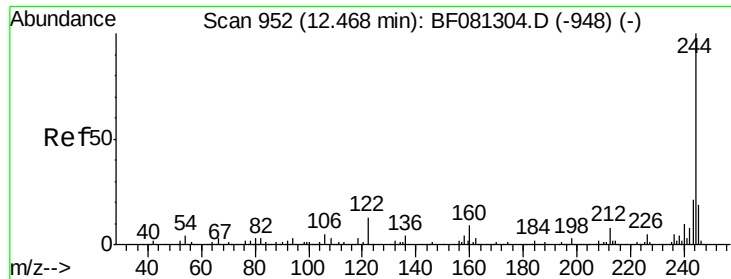


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

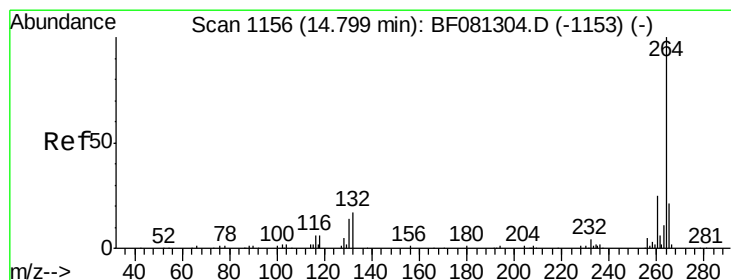
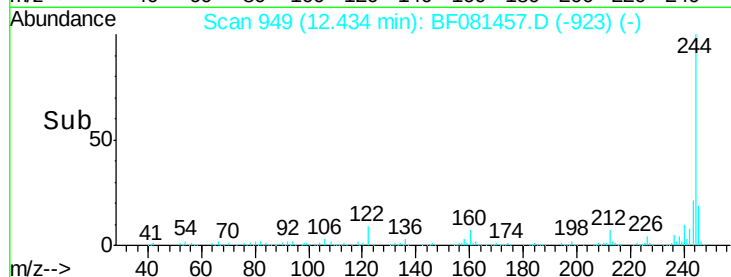
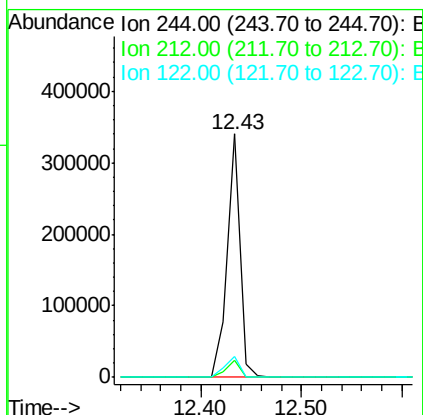
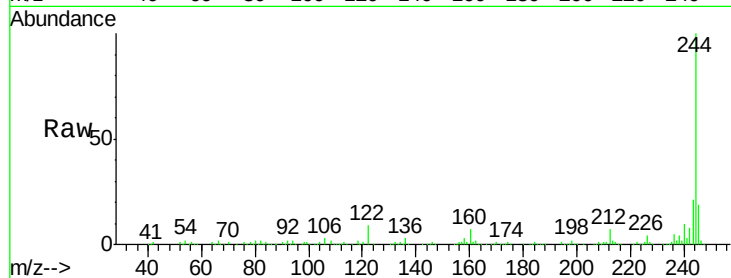




#78
 Terphenyl-d14
 Concen: 47.87 ng
 RT: 12.43 min Scan# 949
 Delta R.T. 0.00 min
 Lab File: BF081457.D
 Acq: 5 Sep 2015 11:12

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 302727
 Ion Ratio Lower Upper
 244 100
 212 7.2 4.3 6.5#
 122 8.6 17.4 26.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.77 min Scan# 1153
 Delta R.T. 0.00 min
 Lab File: BF081457.D
 Acq: 5 Sep 2015 11:12

Tgt Ion:264 Resp: 110522
 Ion Ratio Lower Upper
 264 100
 260 23.0 16.7 25.1
 265 21.8 17.2 25.8

