

Data Path : Z:\HPCHEM1\BNA F\DATA\BF090815\
 Data File : BF081544.D
 Acq On : 9 Sep 2015 4:10
 Operator : UM/IZ
 Sample : G3591-02
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 09 04:36:58 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF090115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 09 03:32:15 2015
 Response via : Initial Calibration

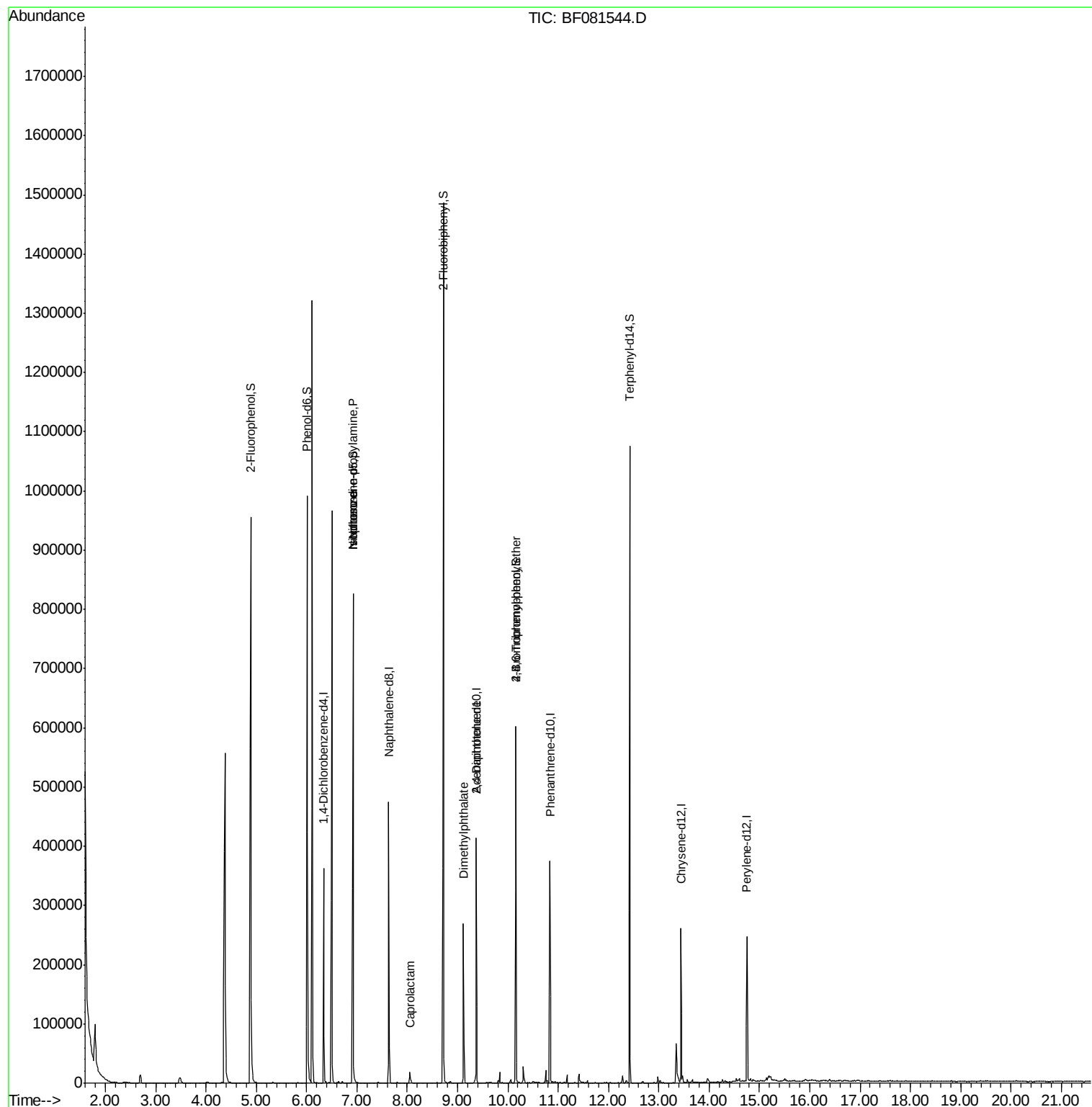
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.34	152	48109	20.00	ng	-0.01
21) Naphthalene-d8	7.63	136	187644	20.00	ng	-0.01
38) Acenaphthene-d10	9.37	164	81686	20.00	ng	-0.01
63) Phenanthrene-d10	10.83	188	150569	20.00	ng	-0.01
75) Chrysene-d12	13.44	240	101353	20.00	ng	-0.01
86) Perylene-d12	14.75	264	99763	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.89	112	295315	95.24	ng	0.01
7) Phenol-d6	6.01	99	358307	87.30	ng	-0.01
23) Nitrobenzene-d5	6.92	82	274607	70.61	ng	-0.01
41) 2,4,6-Tribromophenol	10.16	330	71049	97.68	ng	0.00
44) 2-Fluorobiphenyl	8.72	172	439033	68.88	ng	0.00
78) Terphenyl-d14	12.42	244	321903	73.93	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	6.92	70	37449	13.41	ng	# 63
25) Isophorone	6.92	82	202094	27.94	ng	# 58
35) Caprolactam	8.06	113	1663	2.06	ng	# 38
49) Dimethylphthalate	9.12	163	100538	15.84	ng	# 97
56) 2,4-Dinitrotoluene	9.37	165	10519	5.74	ng	# 31
66) 4-Bromophenyl-phenylether	10.16	248	5508	3.62	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: 6.34 min Scan# 416

Delta R.T. -0.01 min

Lab File: BF081544.D

Acq: 9 Sep 2015 4:10

Instrument :

BNA_F

ClientSampleId :

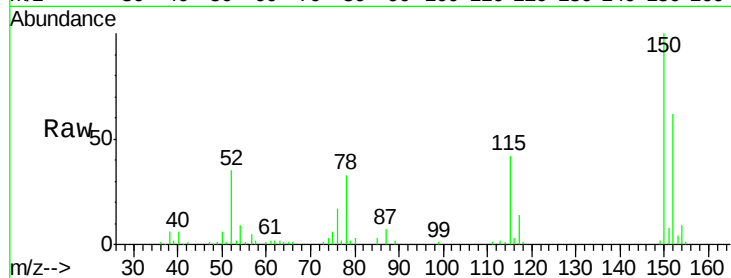
Tot Ion:152 Resp: 48109

Ion Ratio Lower Upper

152 100

150 161.9 124.7 187.1

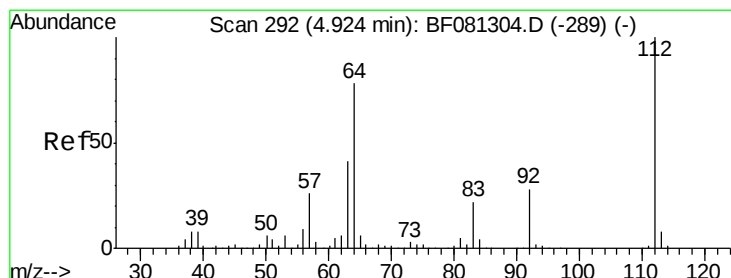
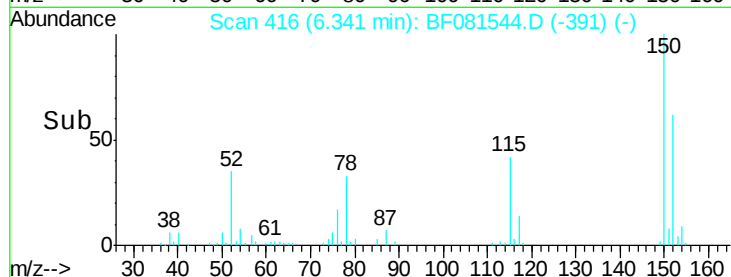
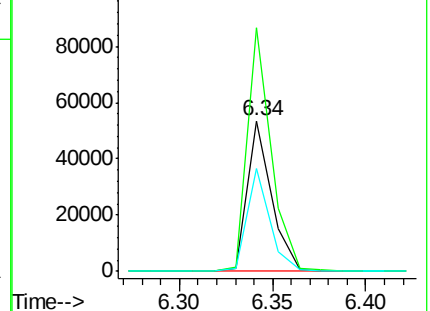
115 68.6 39.0 58.4#



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: 95.24 ng

RT: 4.89 min Scan# 289

Delta R.T. 0.01 min

Lab File: BF081544.D

Acq: 9 Sep 2015 4:10

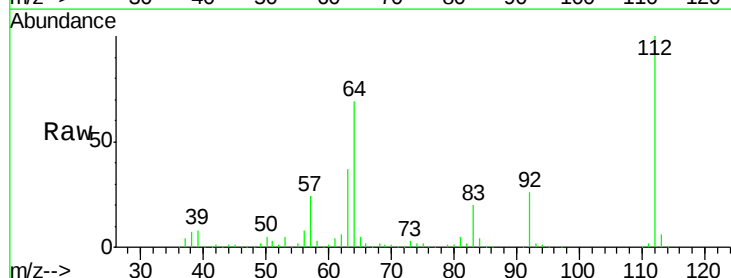
Tgt Ion:112 Resp: 295315

Ion Ratio Lower Upper

112 100

64 69.0 39.7 59.5#

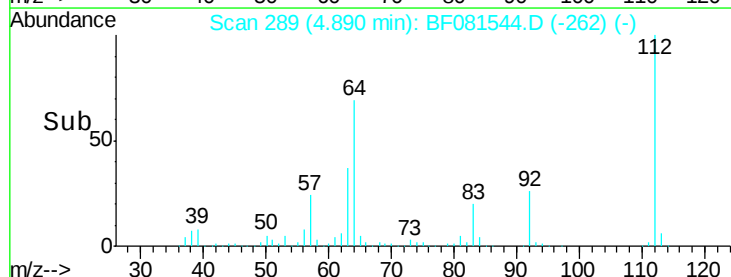
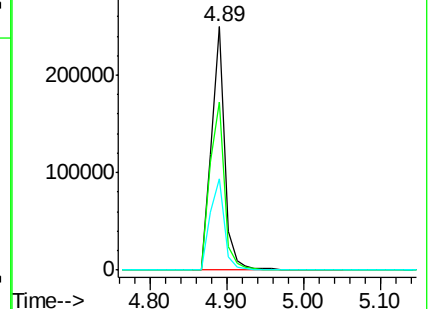
63 37.2 17.4 26.0#

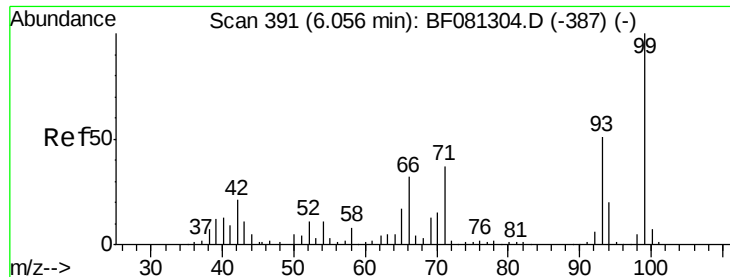


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 87.30 ng

RT: 6.01 min Scan# 387

Delta R.T. -0.01 min

Lab File: BF081544.D

Acq: 9 Sep 2015 4:10

Instrument :

BNA_F

ClientSampleId :

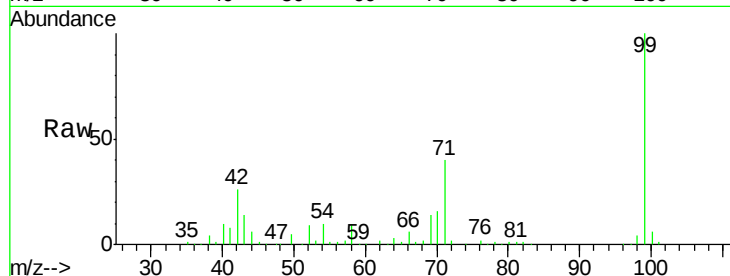
Tot Ion: 99 Resp: 358307

Ion Ratio Lower Upper

99 100

42 26.4 13.7 20.5#

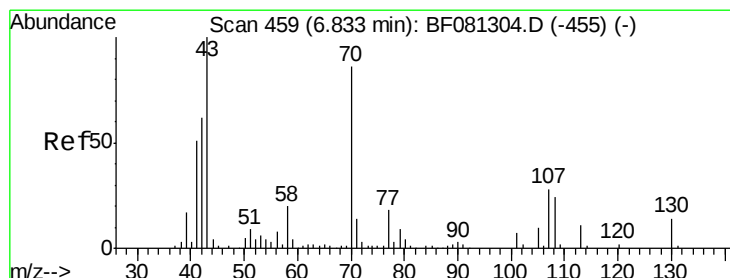
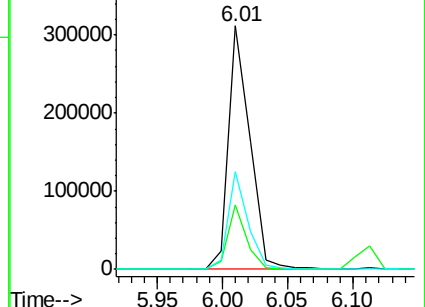
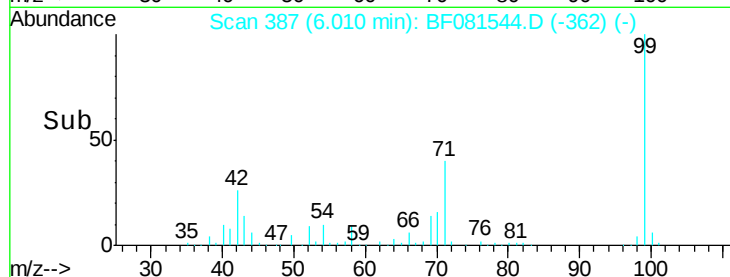
71 40.0 14.2 21.2#



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: 13.41 ng

RT: 6.92 min Scan# 467

Delta R.T. 0.13 min

Lab File: BF081544.D

Acq: 9 Sep 2015 4:10

Tgt Ion: 70 Resp: 37449

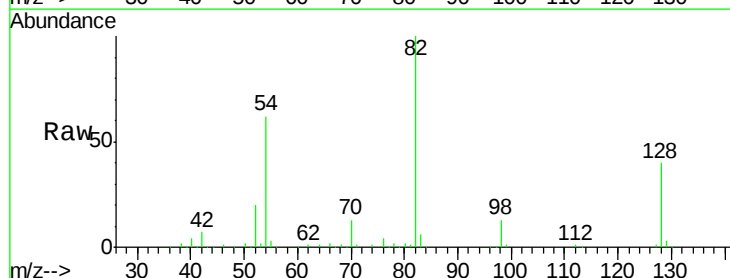
Ion Ratio Lower Upper

70 100

42 53.4 63.8 95.6#

101 0.0 9.2 13.8#

130 2.0 27.3 40.9#

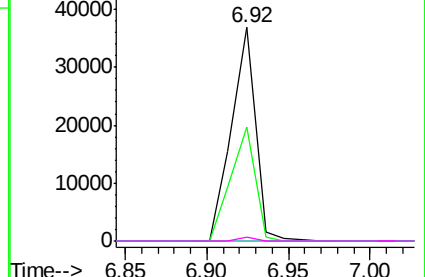
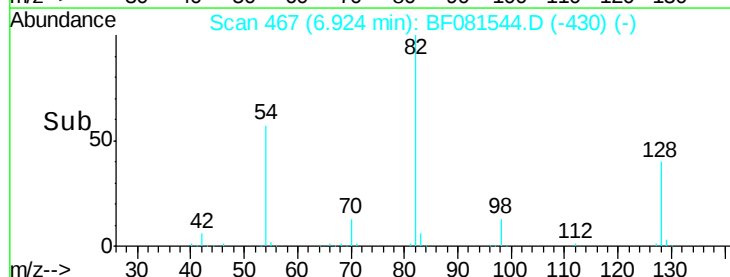


Abundance Ion 70.00 (69.70 to 70.70): BF0

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

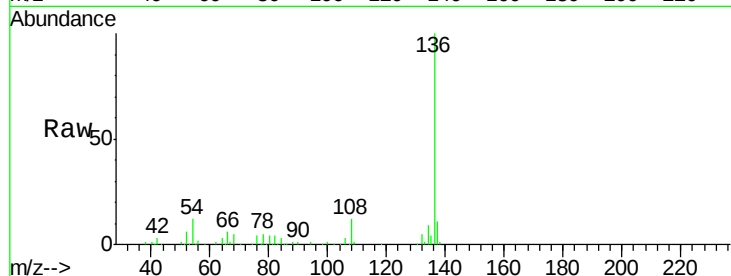




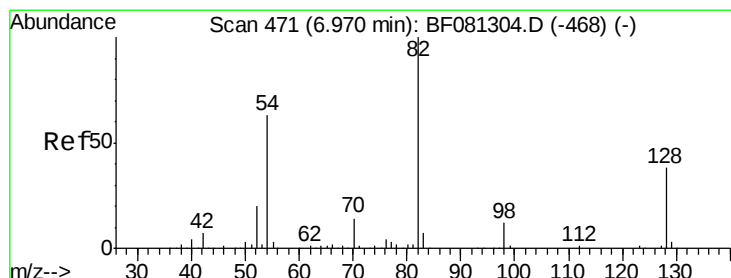
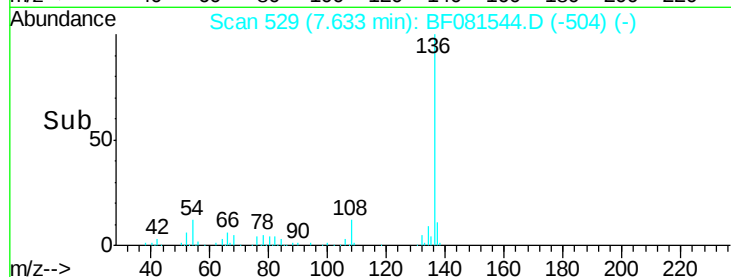
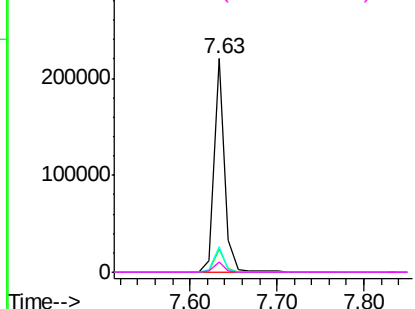
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.63 min Scan# 529
Delta R.T. -0.01 min
Lab File: BF081544.D
Acq: 9 Sep 2015 4:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	187644
Ion Ratio	Lower	Upper
136	100	
137	10.9	9.0 13.6
54	12.0	8.2 12.2
68	5.1	5.8 8.6#

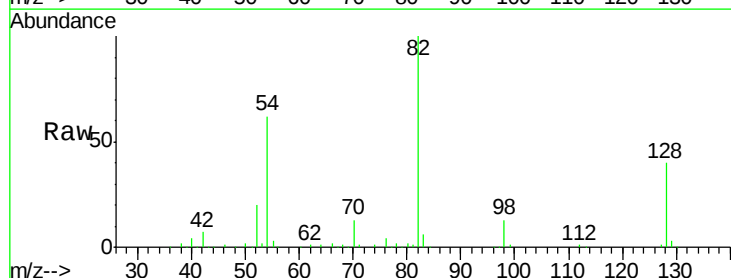


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

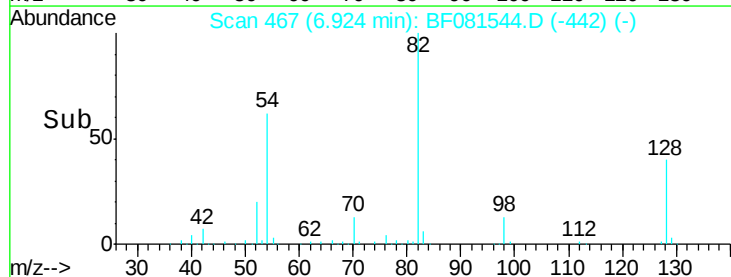
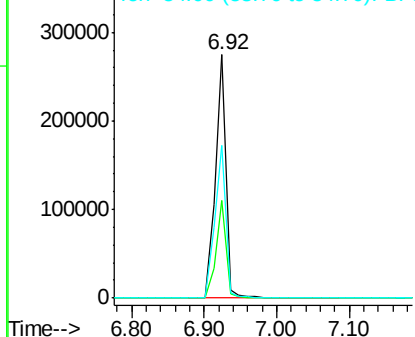


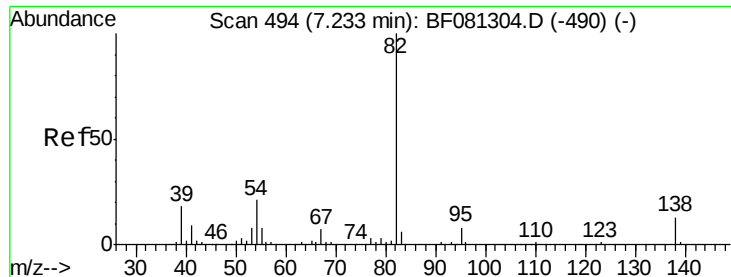
#23
Nitrobenzene-d5
Concen: 70.61 ng
RT: 6.92 min Scan# 467
Delta R.T. -0.01 min
Lab File: BF081544.D
Acq: 9 Sep 2015 4:10

Tgt Ion: 82	Resp:	274607
Ion Ratio	Lower	Upper
82	100	
128	40.2	51.0 76.6#
54	62.5	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





#25

Isophorone

Concen: 27.94 ng

RT: 6.92 min Scan# 467

Delta R.T. -0.27 min

Lab File: BF081544.D

Acq: 9 Sep 2015 4:10

Instrument :

BNA_F

ClientSampleId :

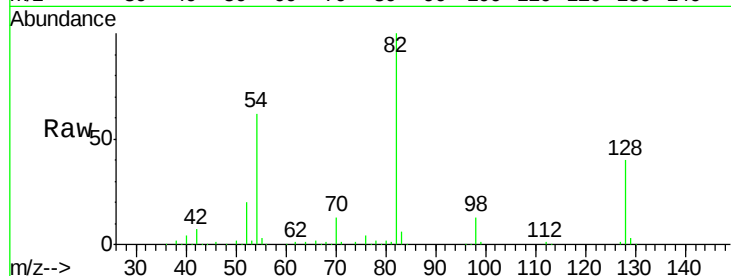
Tot Ion: 82 Resp: 202094

Ion Ratio Lower Upper

82 100

95 0.0 4.0 6.0#

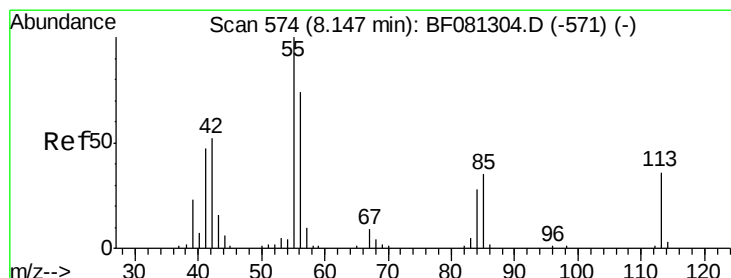
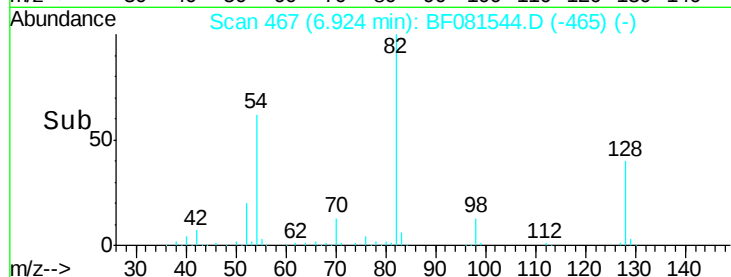
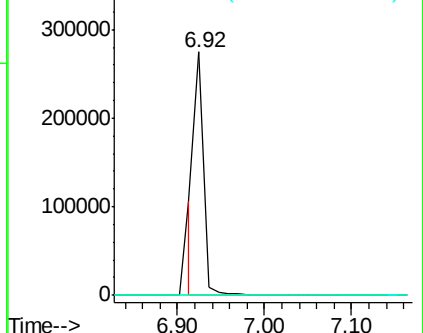
138 0.0 18.3 27.5#



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



#35

Caprolactam

Concen: 2.06 ng

RT: 8.06 min Scan# 566

Delta R.T. -0.06 min

Lab File: BF081544.D

Acq: 9 Sep 2015 4:10

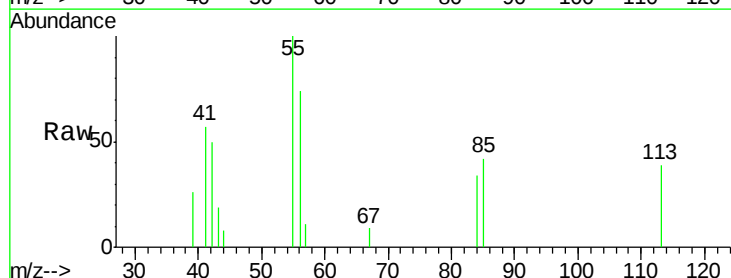
Tgt Ion: 113 Resp: 1663

Ion Ratio Lower Upper

113 100

55 259.1 152.4 192.4#

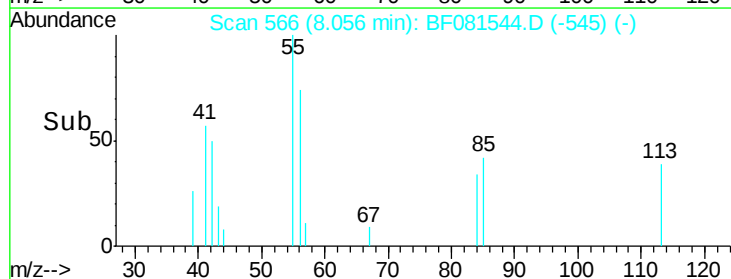
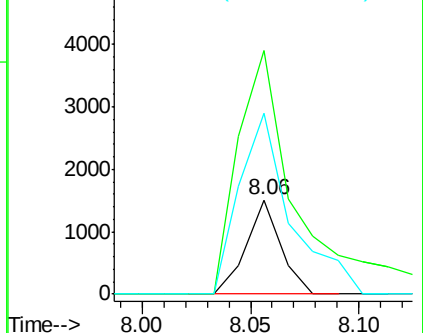
56 192.9 104.6 144.6#

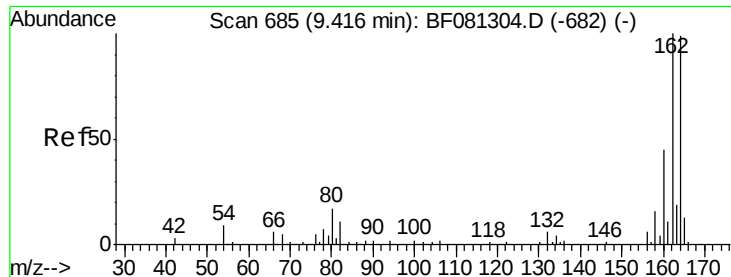


Abundance Ion 113.00 (112.70 to 113.70): BF0

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.37 min Scan# 681

Delta R.T. -0.01 min

Lab File: BF081544.D

Acq: 9 Sep 2015 4:10

Instrument :

BNA_F

ClientSampleId :

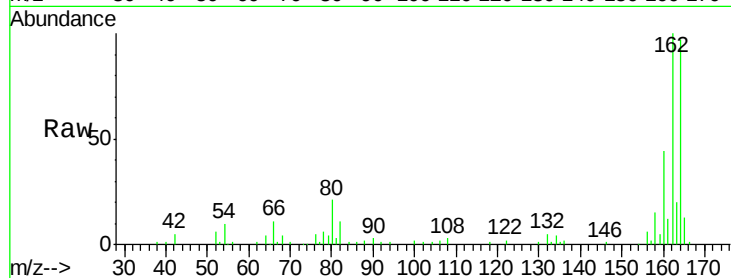
Tot Ion:164 Resp: 81686

Ion Ratio Lower Upper

164 100

162 103.5 75.2 112.8

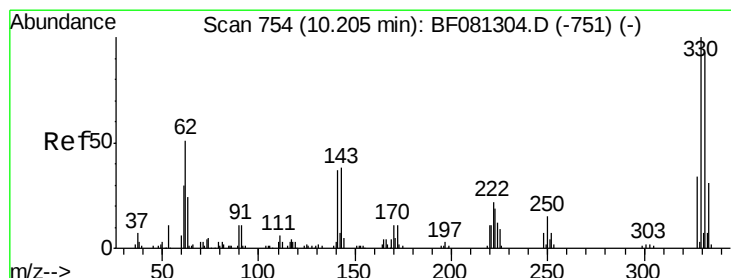
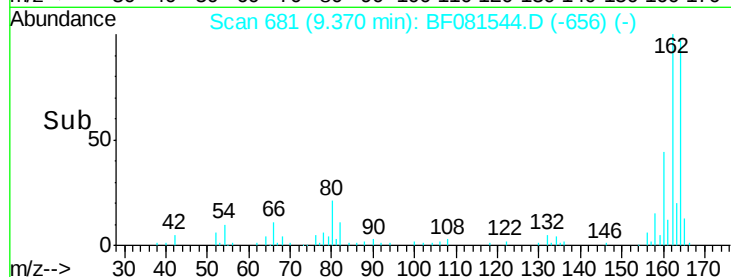
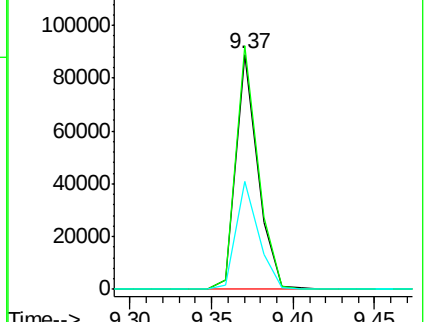
160 45.7 31.5 47.3



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: 97.68 ng

RT: 10.16 min Scan# 750

Delta R.T. 0.00 min

Lab File: BF081544.D

Acq: 9 Sep 2015 4:10

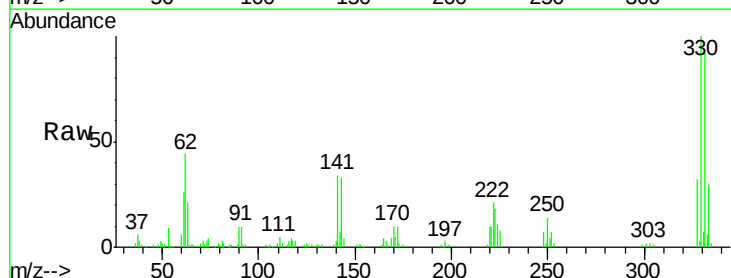
Tgt Ion:330 Resp: 71049

Ion Ratio Lower Upper

330 100

332 92.4 76.6 114.8

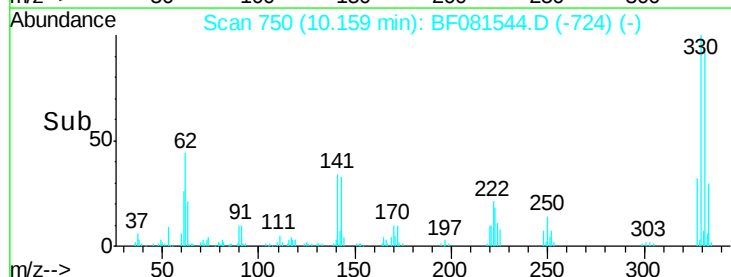
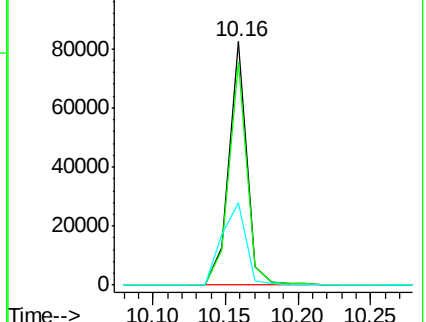
141 45.1 29.7 44.5#

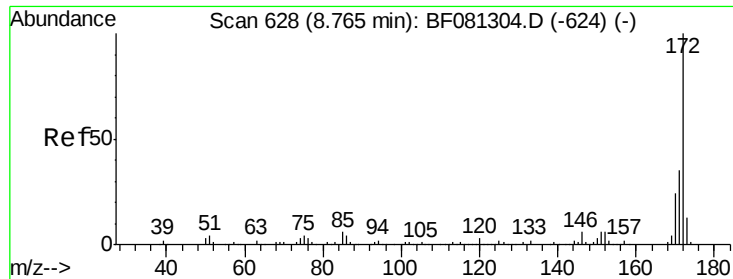


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 68.88 ng

RT: 8.72 min Scan# 624

Delta R.T. -0.00 min

Lab File: BF081544.D

Acq: 9 Sep 2015 4:10

Instrument :

BNA_F

ClientSampleId :

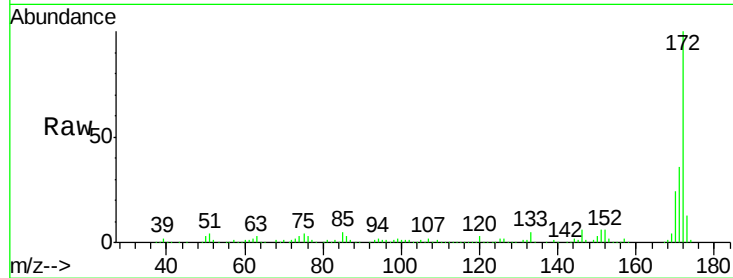
Tot Ion:172 Resp: 439033

Ion Ratio Lower Upper

172 100

171 35.9 26.1 39.1

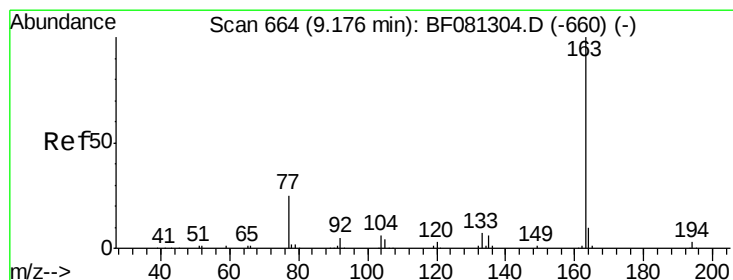
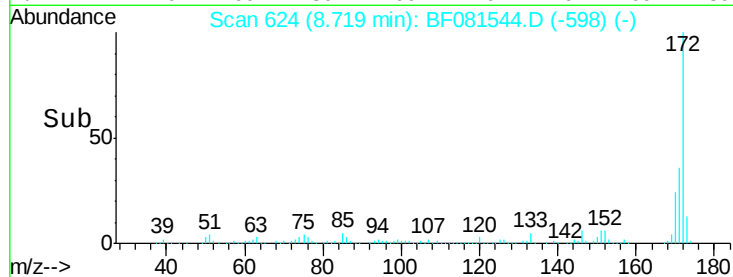
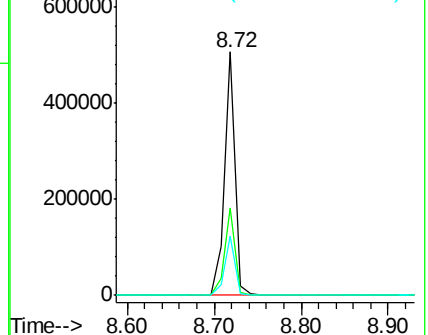
170 24.3 17.4 26.2



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: 15.84 ng

RT: 9.12 min Scan# 659

Delta R.T. -0.01 min

Lab File: BF081544.D

Acq: 9 Sep 2015 4:10

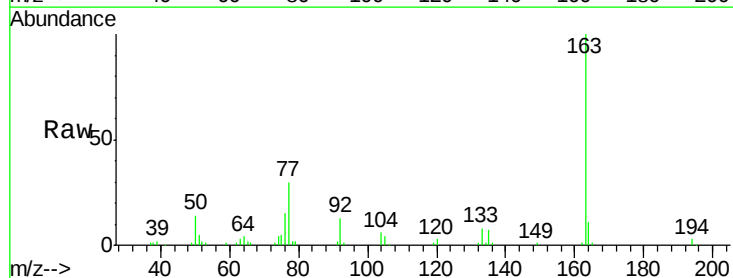
Tgt Ion:163 Resp: 100538

Ion Ratio Lower Upper

163 100

194 2.7 4.4 6.6#

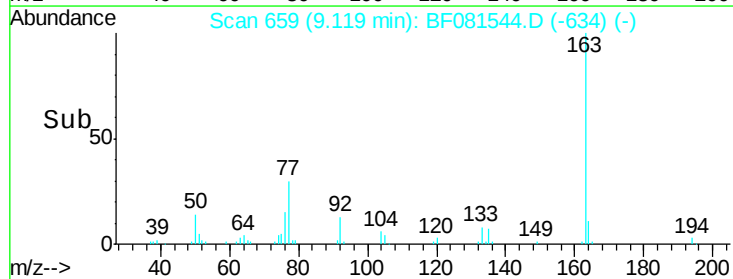
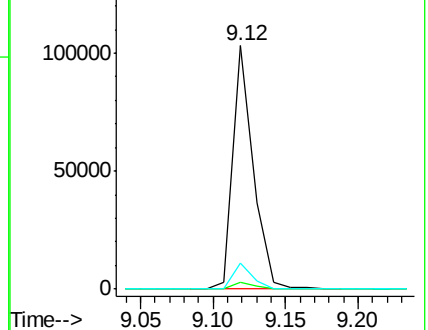
164 10.5 8.3 12.5

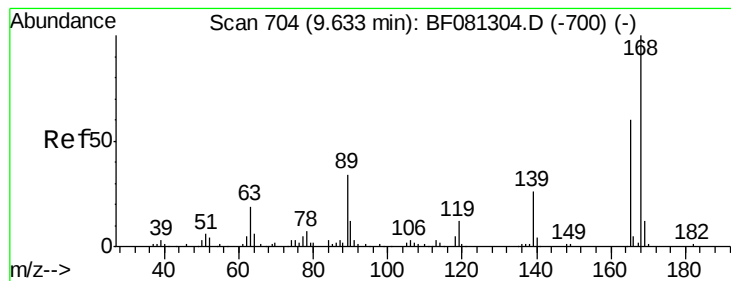


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#56

2,4-Dinitrotoluene

Concen: 5.74 ng

RT: 9.37 min Scan# 681

Delta R.T. -0.22 min

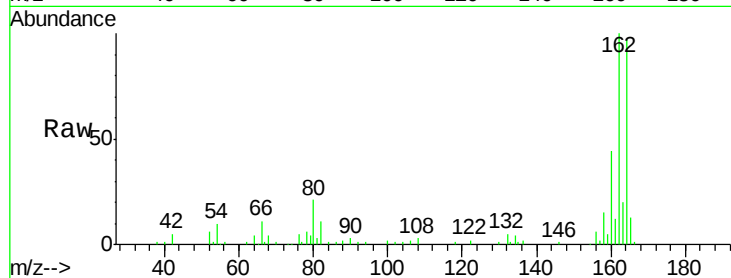
Lab File: BF081544.D

Acq: 9 Sep 2015 4:10

Instrument :

BNA_F

ClientSampleId :



Tot Ion:165 Resp: 10519

Ion Ratio Lower Upper

165 100

63 0.0 29.8 44.6#

89 0.0 44.5 66.7#

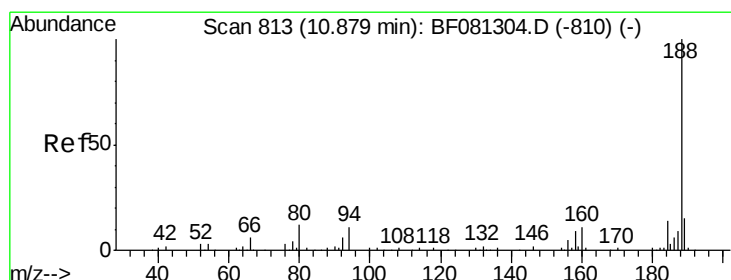
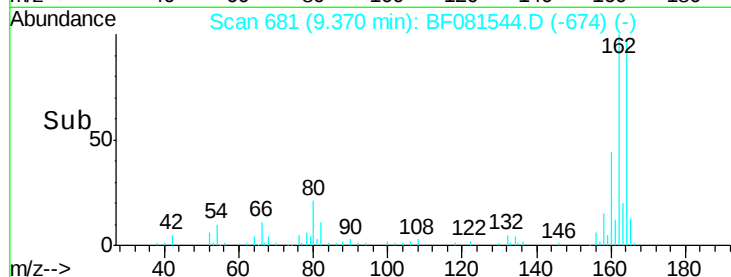
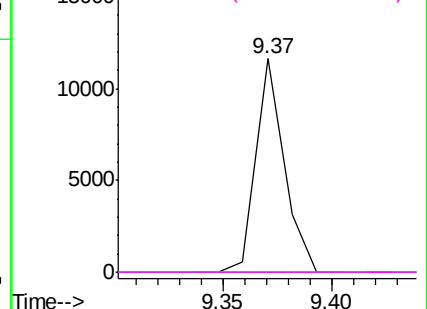
182 0.0 3.0 4.4#

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: 10.83 min Scan# 809

Delta R.T. -0.01 min

Lab File: BF081544.D

Acq: 9 Sep 2015 4:10

Tgt Ion:188 Resp: 150569

Ion Ratio Lower Upper

188 100

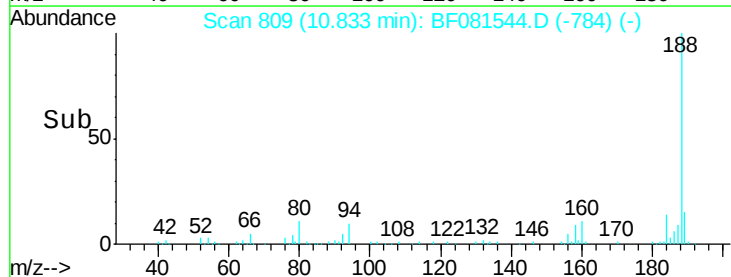
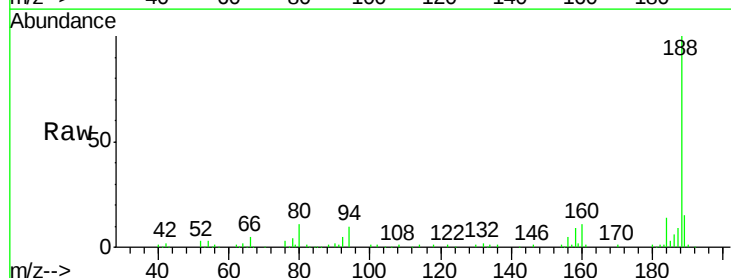
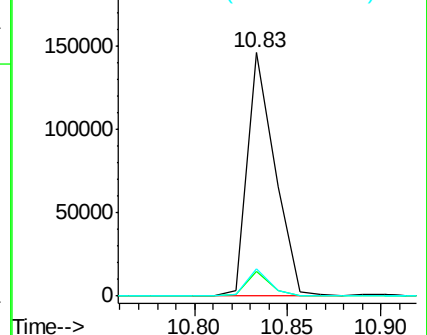
94 10.2 11.1 16.7#

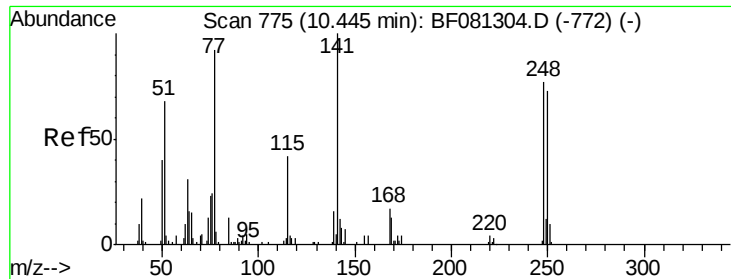
80 11.2 11.0 16.4

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

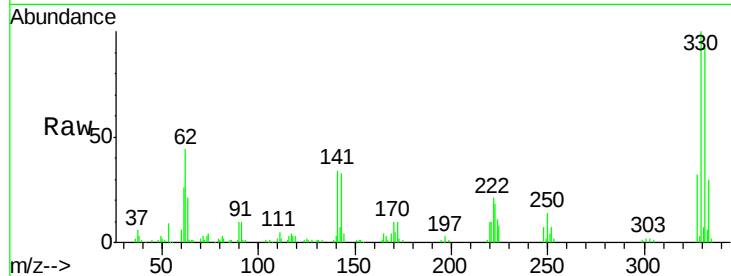




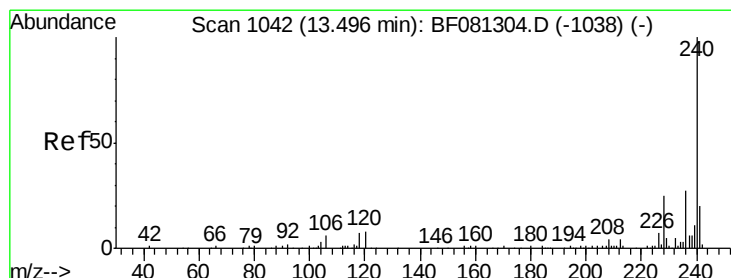
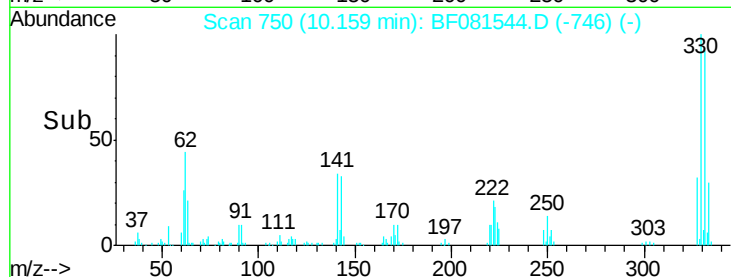
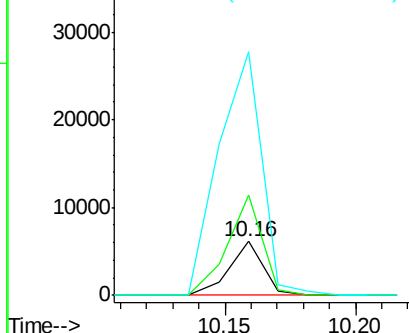
#66
 4-Bromophenyl-phenylether
 Concen: 3.62 ng
 RT: 10.16 min Scan# 750
 Delta R.T. -0.25 min
 Lab File: BF081544.D
 Acq: 9 Sep 2015 4:10

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 5508
 Ion Ratio Lower Upper
 248 100
 250 185.9 78.5 117.7#
 141 451.9 59.0 88.6#

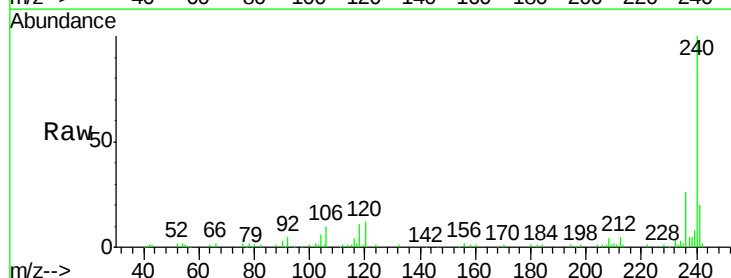


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

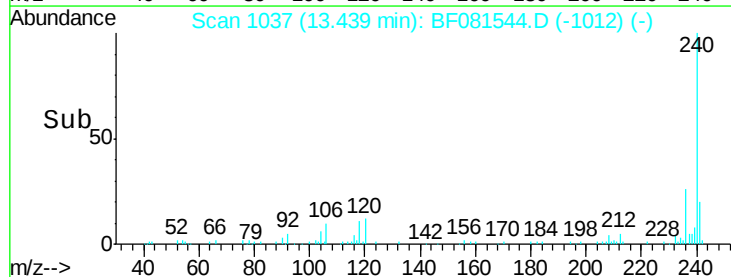
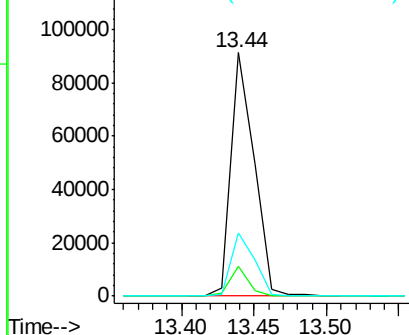


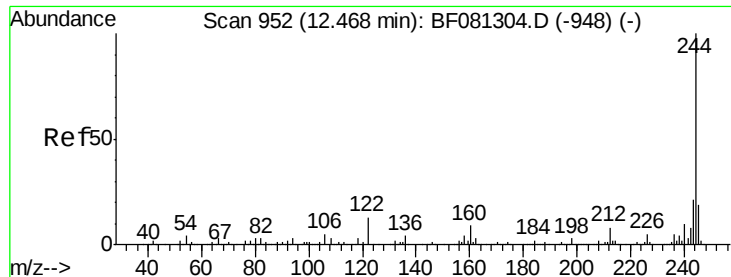
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.44 min Scan# 1037
 Delta R.T. -0.01 min
 Lab File: BF081544.D
 Acq: 9 Sep 2015 4:10

Tgt Ion:240 Resp: 101353
 Ion Ratio Lower Upper
 240 100
 120 12.3 16.2 24.2#
 236 25.8 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

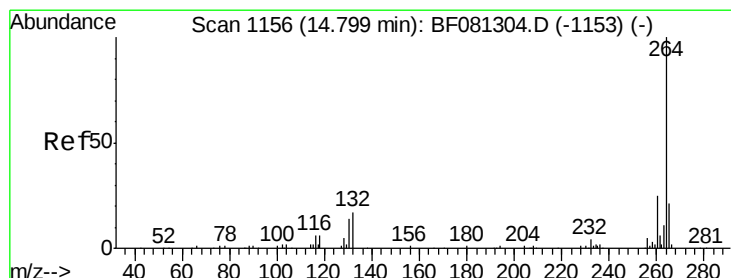
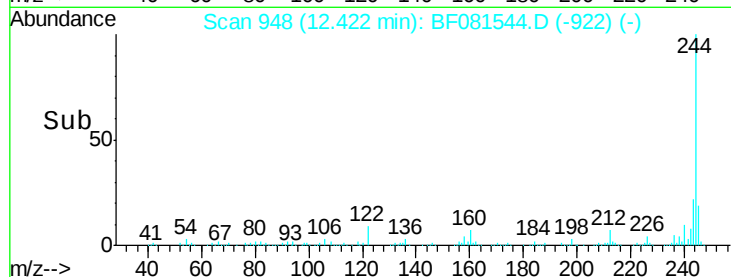
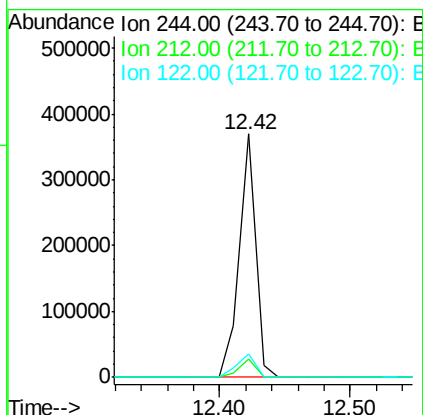
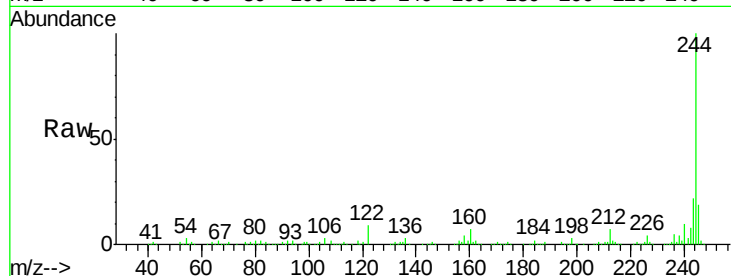




#78
 Terphenyl-d14
 Concen: 73.93 ng
 RT: 12.42 min Scan# 948
 Delta R.T. -0.00 min
 Lab File: BF081544.D
 Acq: 9 Sep 2015 4:10

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 321903
 Ion Ratio Lower Upper
 244 100
 212 7.5 4.3 6.5#
 122 9.5 17.4 26.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.75 min Scan# 1152
 Delta R.T. -0.00 min
 Lab File: BF081544.D
 Acq: 9 Sep 2015 4:10

Tgt Ion:264 Resp: 99763
 Ion Ratio Lower Upper
 264 100
 260 24.1 16.7 25.1
 265 22.1 17.2 25.8

