

Data Path : Z:\HPCHEM1\BNA F\DATA\BF090815\
 Data File : BF081546.D
 Acq On : 9 Sep 2015 5:12
 Operator : UM/IZ
 Sample : G3594-02
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 09 05:56:00 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

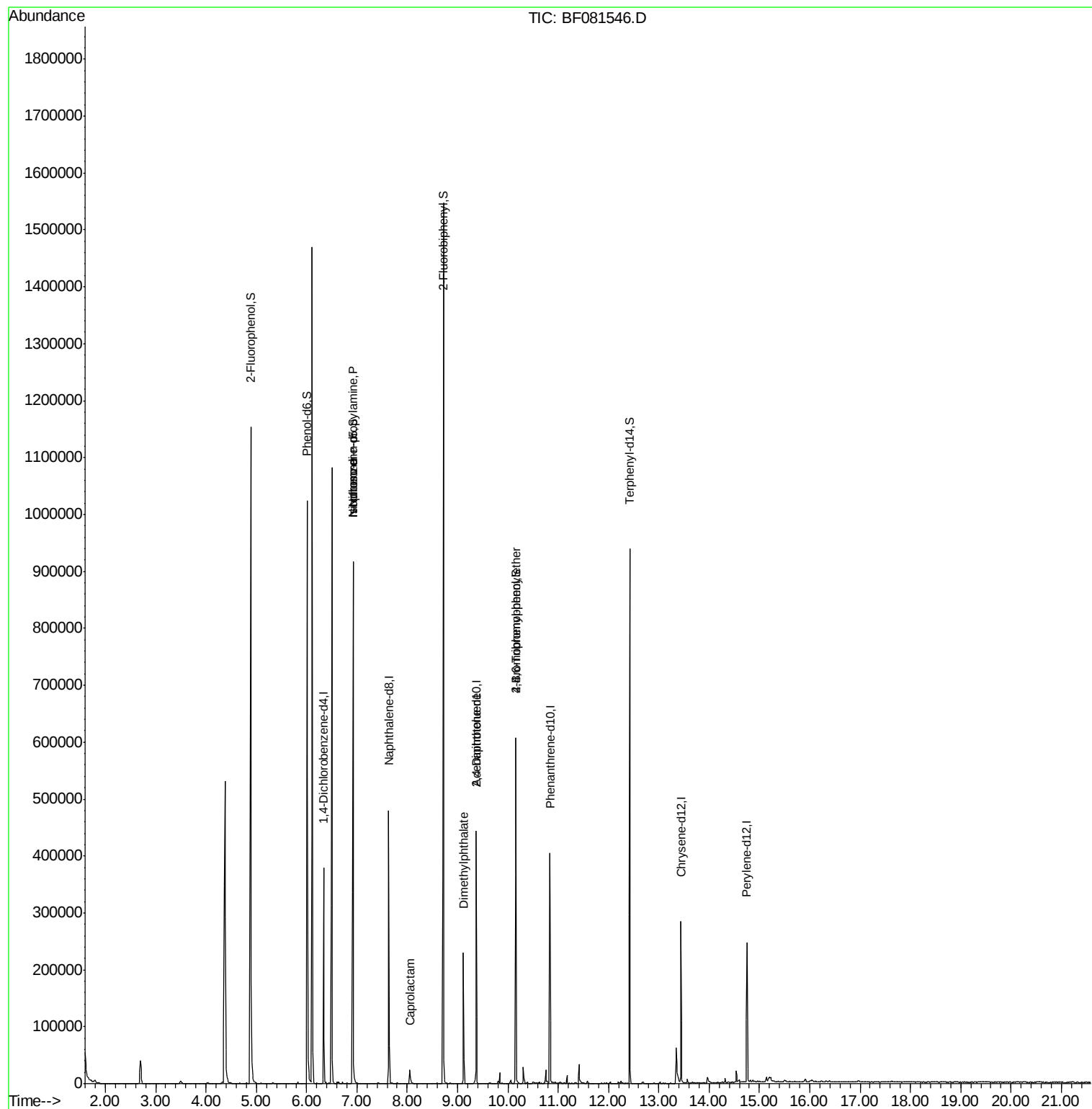
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.34	152	49538	20.00	ng	-0.01
21) Naphthalene-d8	7.63	136	188587	20.00	ng	-0.01
38) Acenaphthene-d10	9.37	164	84946	20.00	ng	-0.01
63) Phenanthrene-d10	10.83	188	149853	20.00	ng	-0.01
75) Chrysene-d12	13.44	240	110856	20.00	ng	-0.01
86) Perylene-d12	14.75	264	106100	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.89	112	320815	100.48	ng	0.01
7) Phenol-d6	6.01	99	400617	94.79	ng	-0.01
23) Nitrobenzene-d5	6.92	82	297797	76.19	ng	-0.01
41) 2,4,6-Tribromophenol	10.16	330	73372	97.01	ng	0.00
44) 2-Fluorobiphenyl	8.72	172	448895	67.72	ng	0.00
78) Terphenyl-d14	12.42	244	282994	59.43	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	6.92	70	41092	14.29	ng	# 62
25) Isophorone	6.92	82	222673	30.63	ng	# 58
35) Caprolactam	8.06	113	2898	3.57	ng	# 64
49) Dimethylphthalate	9.12	163	83034	12.58	ng	# 97
56) 2,4-Dinitrotoluene	9.37	165	10400	5.45	ng	# 31
66) 4-Bromophenyl-phenylether	10.16	248	5865	3.87	ng	# 1

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

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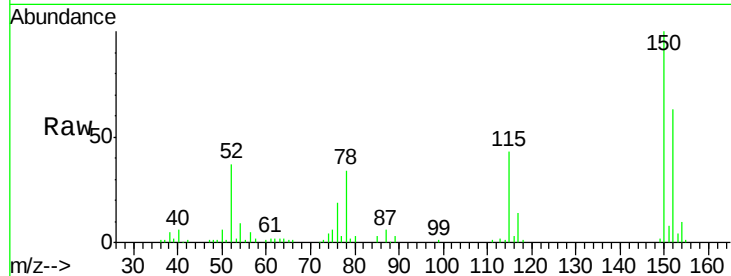


#1

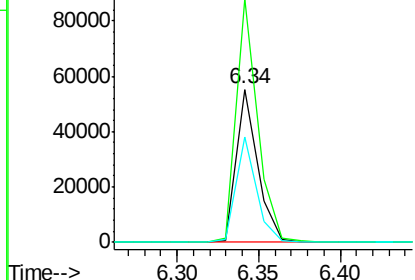
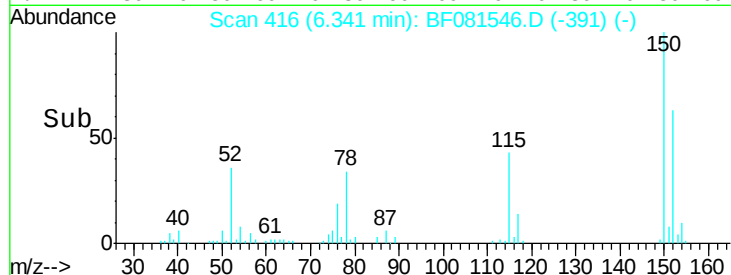
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.34 min Scan# 416
Delta R.T. -0.01 min
Lab File: BF081546.D
Acq: 9 Sep 2015 5:12

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 49538
Ion Ratio Lower Upper
152 100
150 158.9 124.7 187.1
115 69.1 39.0 58.4#



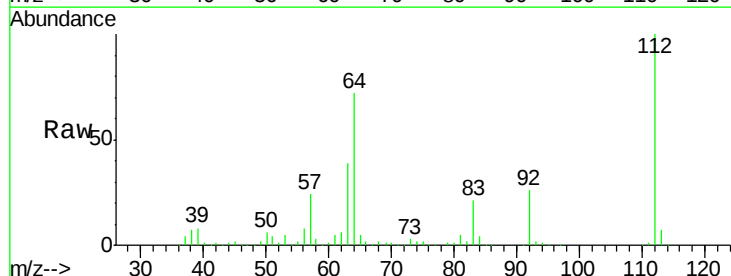
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



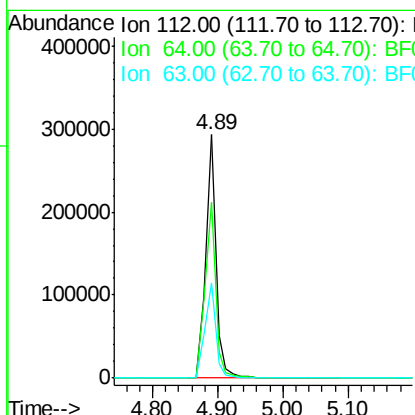
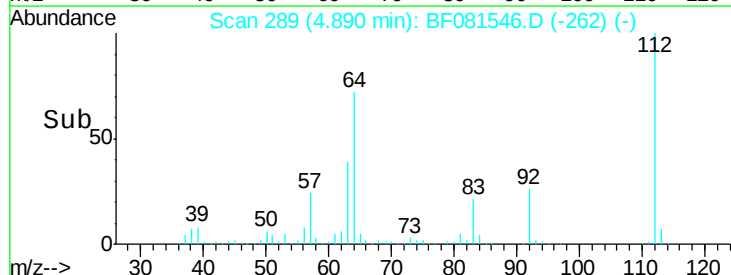
#5

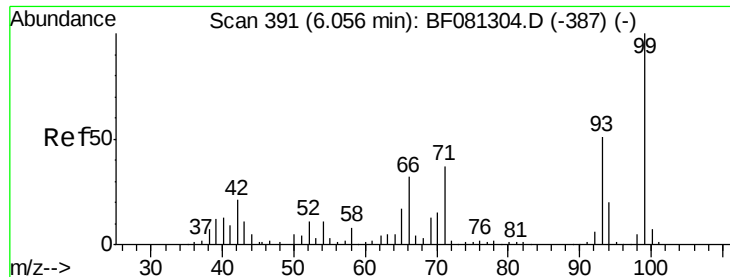
2-Fluorophenol
Concen: 100.48 ng
RT: 4.89 min Scan# 289
Delta R.T. 0.01 min
Lab File: BF081546.D
Acq: 9 Sep 2015 5:12

Tgt Ion:112 Resp: 320815
Ion Ratio Lower Upper
112 100
64 72.0 39.7 59.5#
63 39.3 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: 94.79 ng

RT: 6.01 min Scan# 387

Delta R.T. -0.01 min

Lab File: BF081546.D

Acq: 9 Sep 2015 5:12

Instrument :

BNA_F

ClientSampleId :

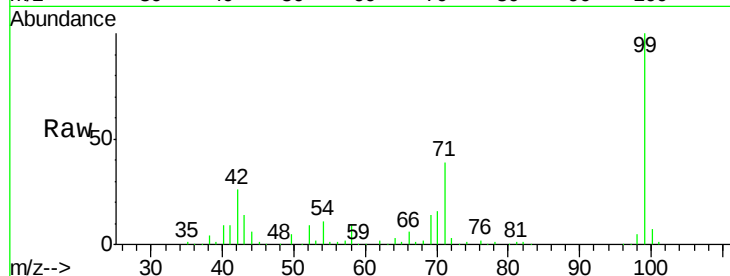
Tot Ion: 99 Resp: 400617

Ion Ratio Lower Upper

99 100

42 25.7 13.7 20.5#

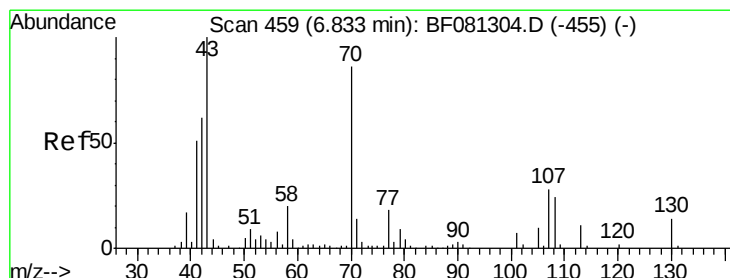
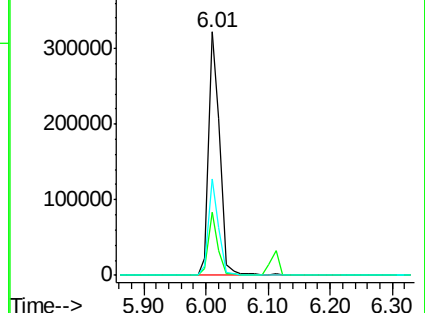
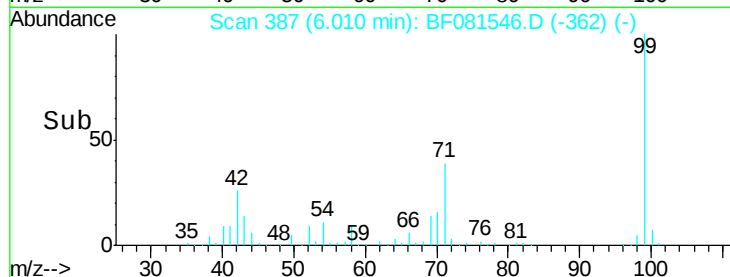
71 39.5 14.2 21.2#



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: 14.29 ng

RT: 6.92 min Scan# 467

Delta R.T. 0.13 min

Lab File: BF081546.D

Acq: 9 Sep 2015 5:12

Tgt Ion: 70 Resp: 41092

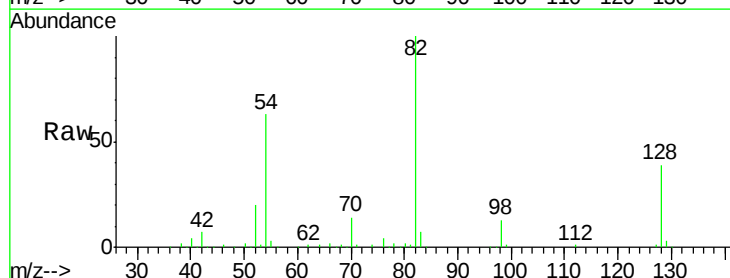
Ion Ratio Lower Upper

70 100

42 52.5 63.8 95.6#

101 0.0 9.2 13.8#

130 1.6 27.3 40.9#

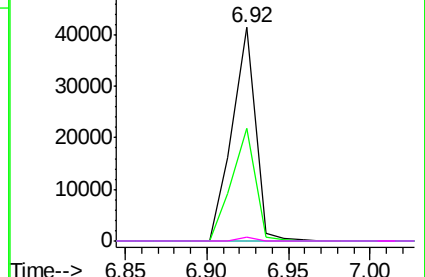
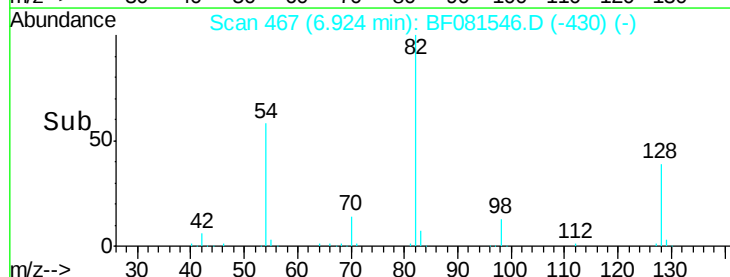


Abundance Ion 70.00 (69.70 to 70.70): BF0

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

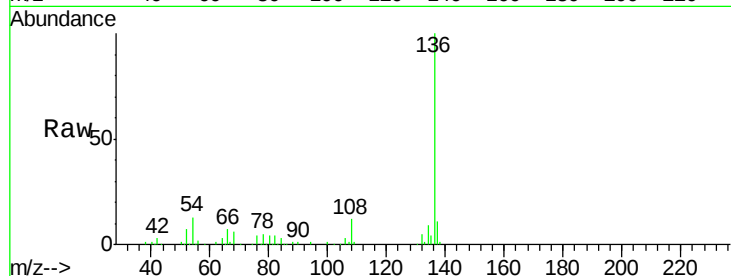




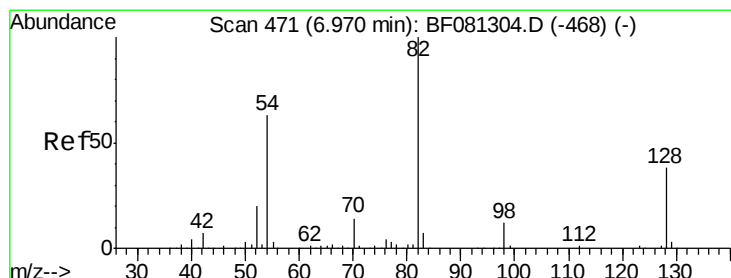
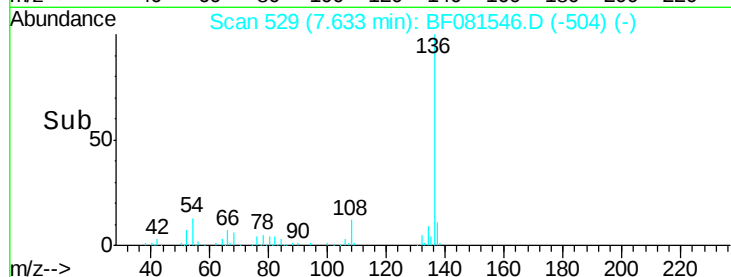
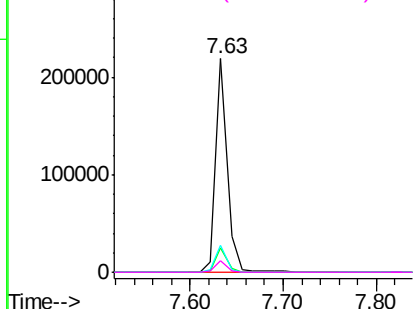
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.63 min Scan# 529
Delta R.T. -0.01 min
Lab File: BF081546.D
Acq: 9 Sep 2015 5:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	188587
Ion Ratio	Lower	Upper
136	100	
137	11.2	9.0 13.6
54	12.6	8.2 12.2#
68	5.6	5.8 8.6#

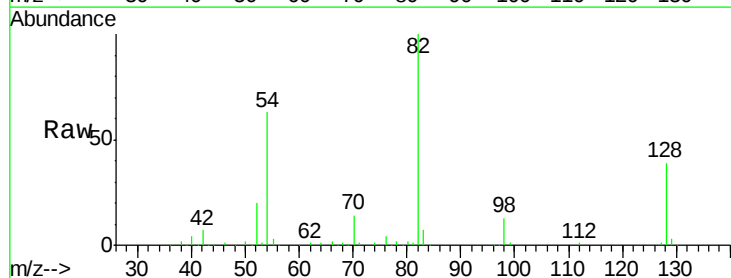


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

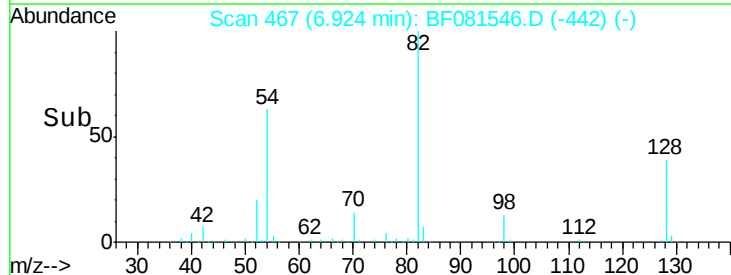
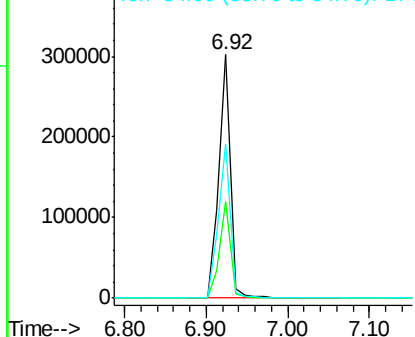


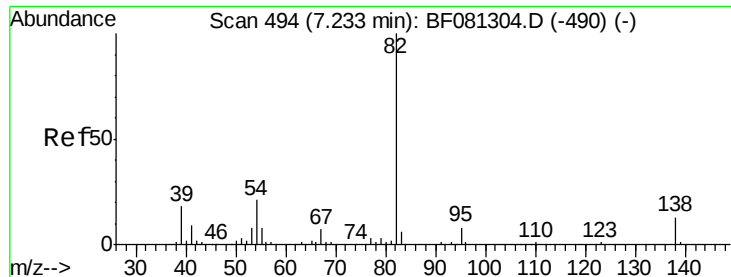
#23
Nitrobenzene-d5
Concen: 76.19 ng
RT: 6.92 min Scan# 467
Delta R.T. -0.01 min
Lab File: BF081546.D
Acq: 9 Sep 2015 5:12

Tgt Ion: 82	Resp:	297797
Ion Ratio	Lower	Upper
82	100	
128	39.5	51.0 76.6#
54	63.4	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: 30.63 ng

RT: 6.92 min Scan# 467

Delta R.T. -0.27 min

Lab File: BF081546.D

Acq: 9 Sep 2015 5:12

Instrument :

BNA_F

ClientSampled :

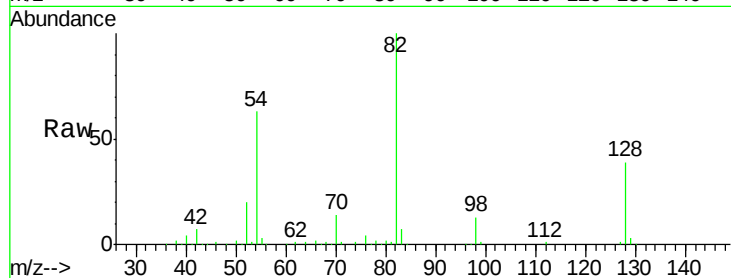
Tot Ion: 82 Resp: 222673

Ion Ratio Lower Upper

82 100

95 0.0 4.0 6.0#

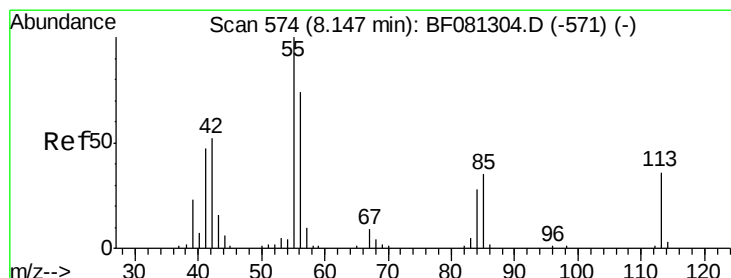
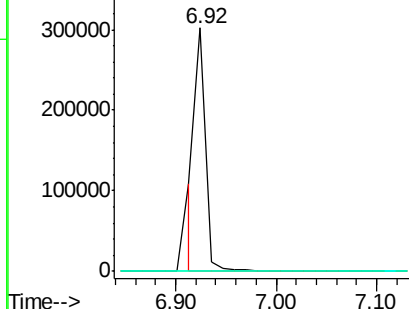
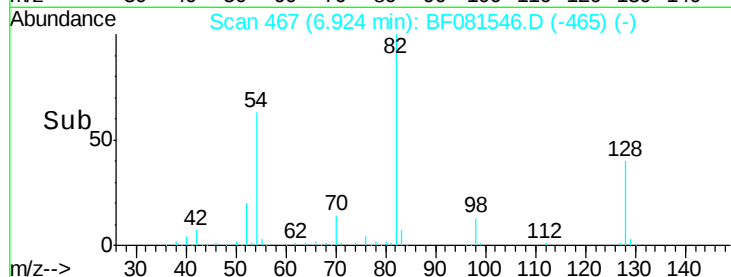
138 0.0 18.3 27.5#



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: 3.57 ng

RT: 8.06 min Scan# 566

Delta R.T. -0.06 min

Lab File: BF081546.D

Acq: 9 Sep 2015 5:12

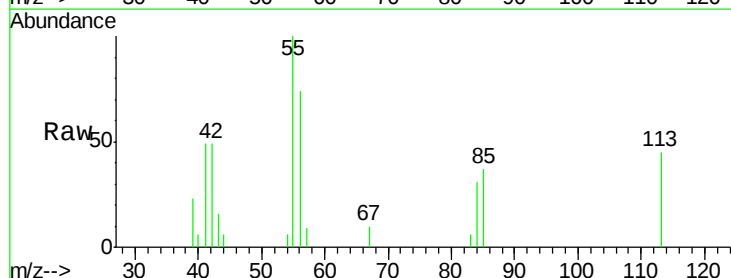
Tgt Ion: 113 Resp: 2898

Ion Ratio Lower Upper

113 100

55 222.8 152.4 192.4#

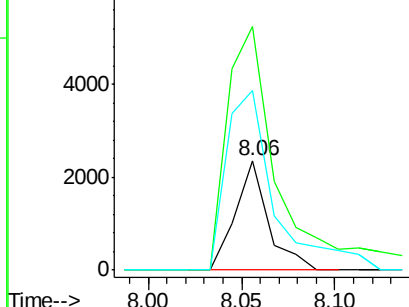
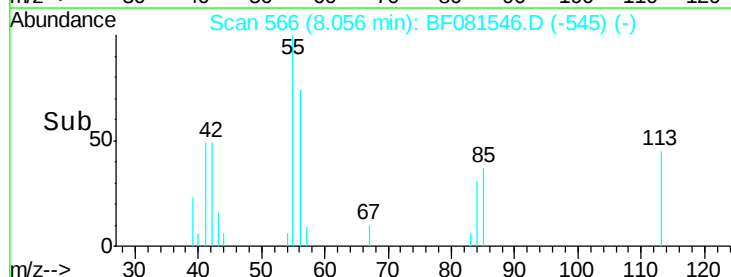
56 164.7 104.6 144.6#

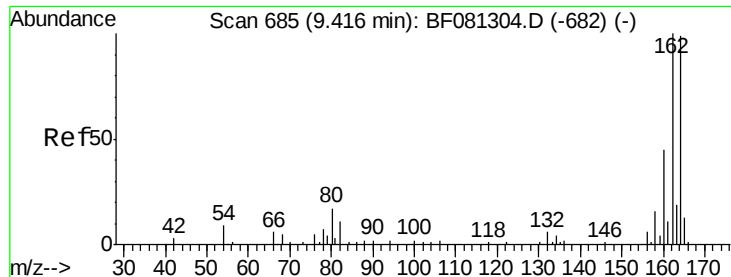


Abundance Ion 113.00 (112.70 to 113.70): BF0

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0

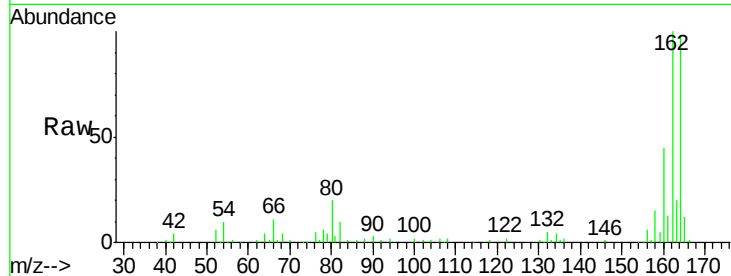




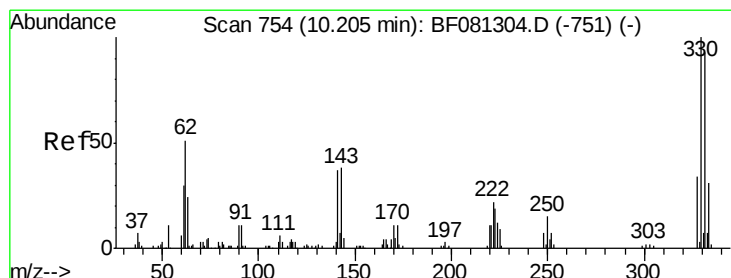
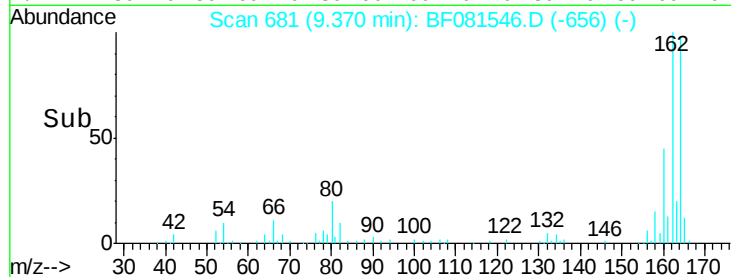
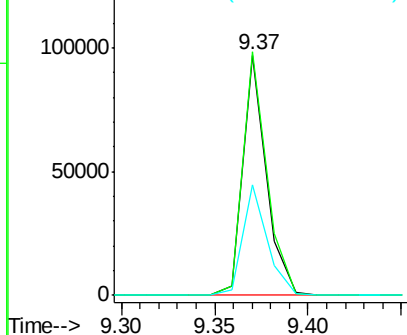
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.37 min Scan# 681
 Delta R.T. -0.01 min
 Lab File: BF081546.D
 Acq: 9 Sep 2015 5:12

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 84946
 Ion Ratio Lower Upper
 164 100
 162 101.5 75.2 112.8
 160 45.9 31.5 47.3

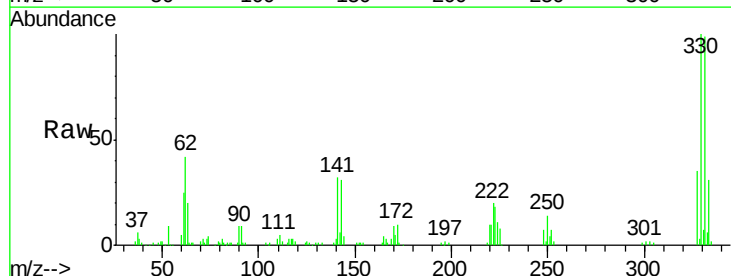


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

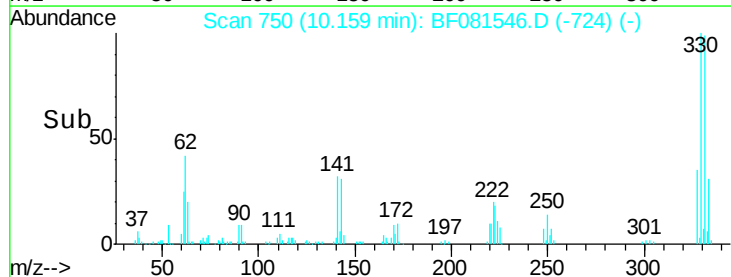
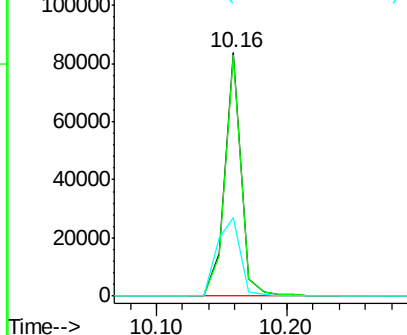


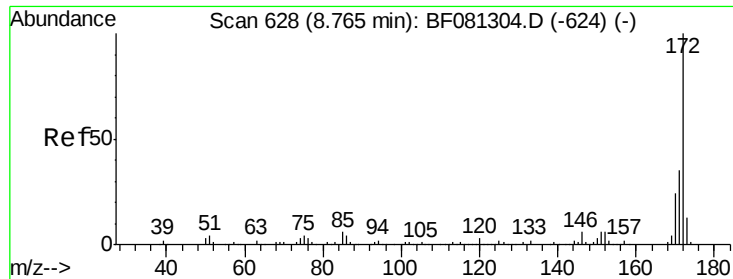
#41
 2,4,6-Tribromophenol
 Concen: 97.01 ng
 RT: 10.16 min Scan# 750
 Delta R.T. 0.00 min
 Lab File: BF081546.D
 Acq: 9 Sep 2015 5:12

Tgt Ion:330 Resp: 73372
 Ion Ratio Lower Upper
 330 100
 332 98.3 76.6 114.8
 141 45.9 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

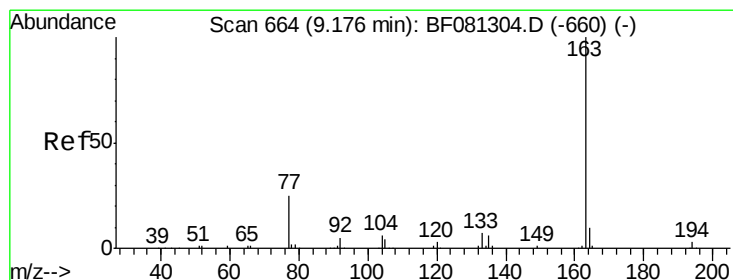
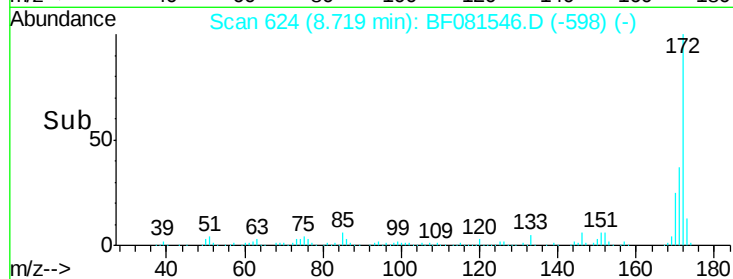
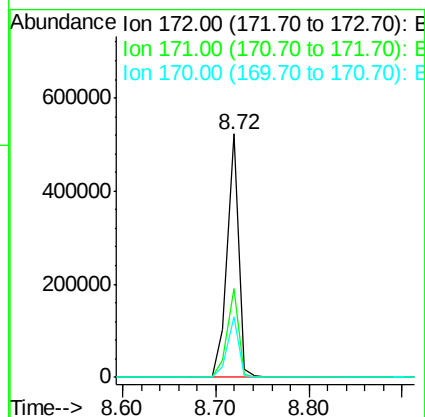
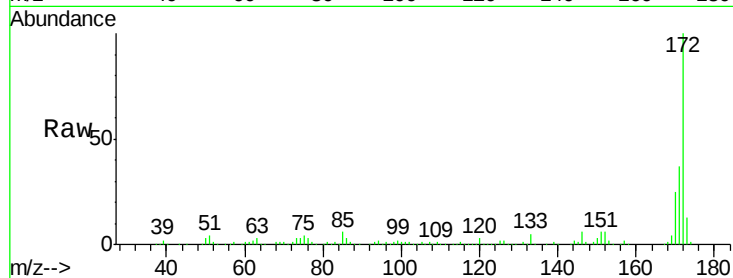




#44
2-Fluorobiphenyl
Concen: 67.72 ng
RT: 8.72 min Scan# 624
Delta R.T. 0.00 min
Lab File: BF081546.D
Acq: 9 Sep 2015 5:12

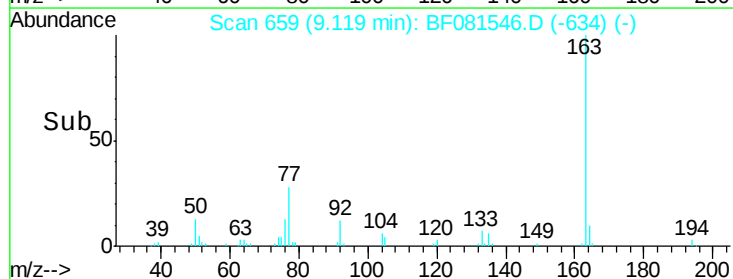
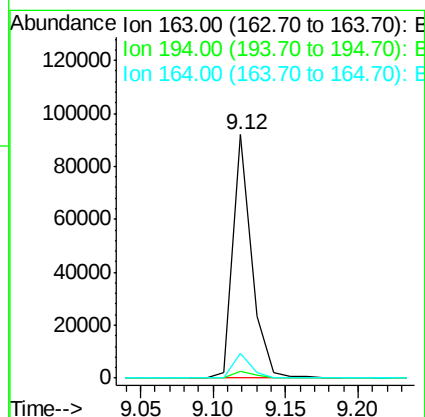
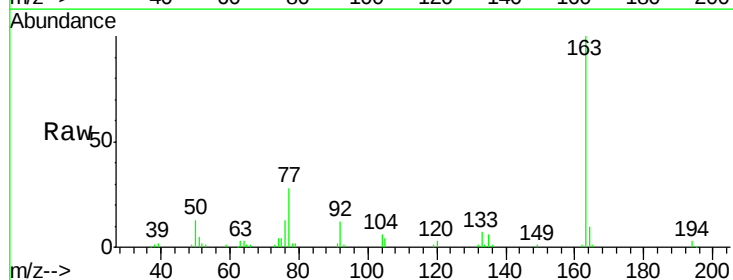
Instrument :
BNA_F
ClientSampleId :

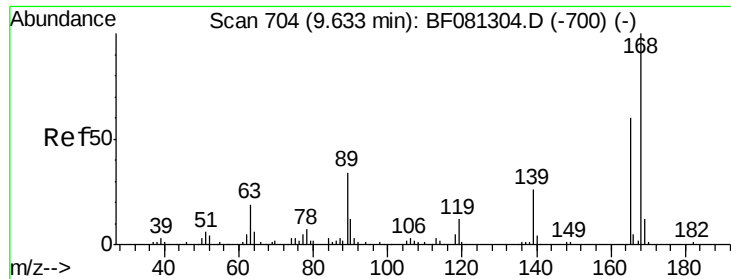
Tot Ion:172 Resp: 448895
Ion Ratio Lower Upper
172 100
171 36.5 26.1 39.1
170 24.8 17.4 26.2



#49
Dimethylphthalate
Concen: 12.58 ng
RT: 9.12 min Scan# 659
Delta R.T. -0.01 min
Lab File: BF081546.D
Acq: 9 Sep 2015 5:12

Tgt Ion:163 Resp: 83034
Ion Ratio Lower Upper
163 100
194 3.0 4.4 6.6#
164 10.1 8.3 12.5

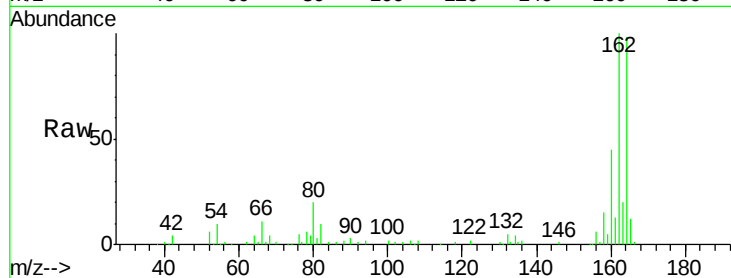




#56
 2,4-Dinitrotoluene
 Concen: 5.45 ng
 RT: 9.37 min Scan# 681
 Delta R.T. -0.22 min
 Lab File: BF081546.D
 Acq: 9 Sep 2015 5:12

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	165	Resp:	10400
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#

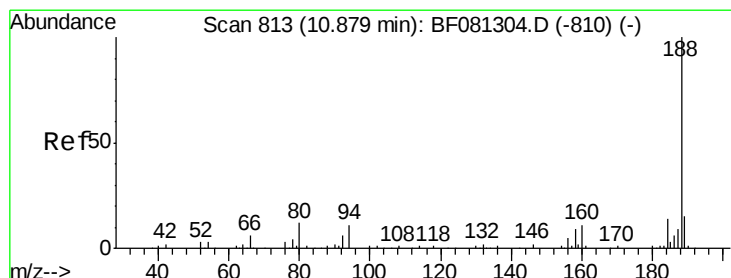
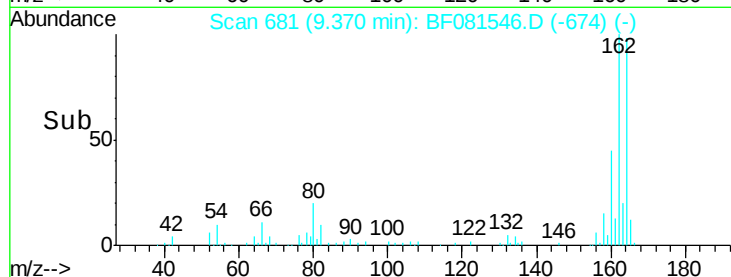
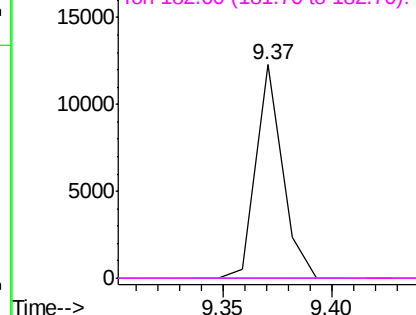


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

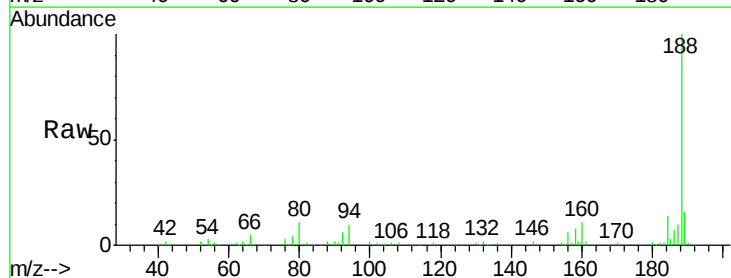
Ion 89.00 (88.70 to 89.70): BF0

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: BF081546.D
 Acq: 9 Sep 2015 5:12

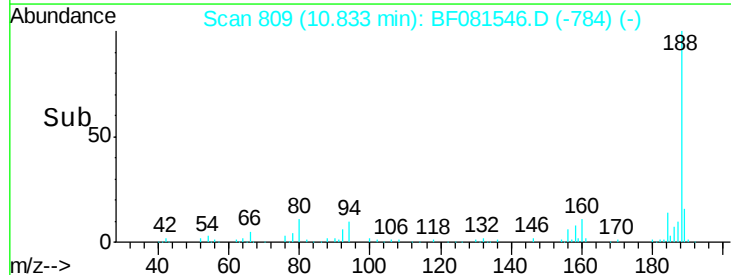
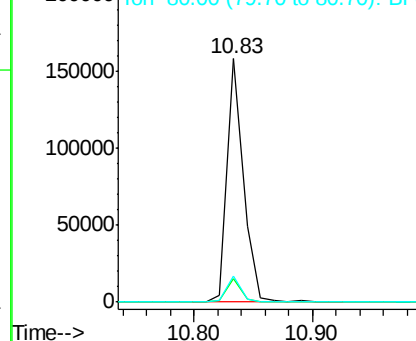
Tgt Ion:	188	Resp:	149853
Ion	Ratio	Lower	Upper
188	100		
94	9.6	11.1	16.7#
80	10.6	11.0	16.4#

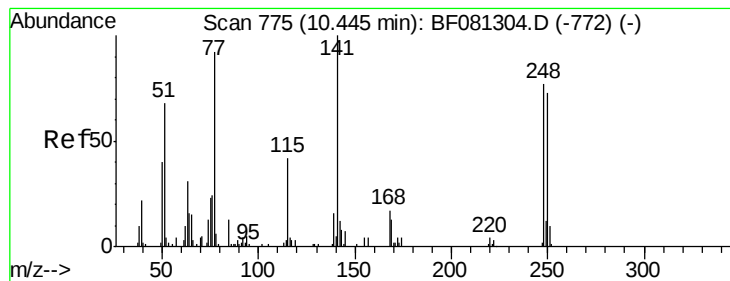


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#66

4-Bromophenyl-phenylether

Concen: 3.87 ng

RT: 10.16 min Scan# 750

Delta R.T. -0.25 min

Lab File: BF081546.D

Acq: 9 Sep 2015 5:12

Instrument :

BNA_F

ClientSampleId :

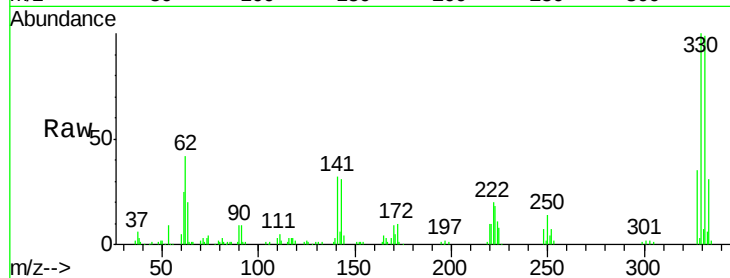
Tot Ion:248 Resp: 5865

Ion Ratio Lower Upper

248 100

250 185.8 78.5 117.7#

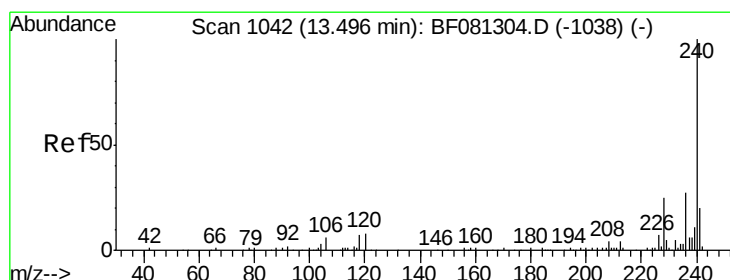
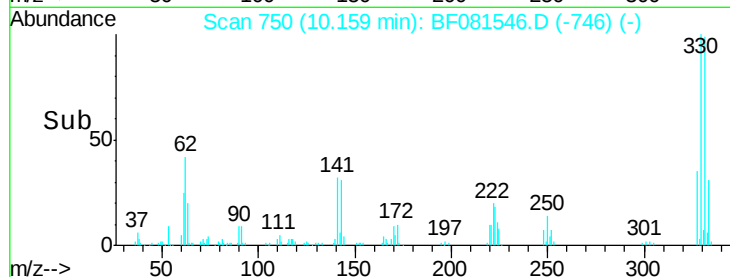
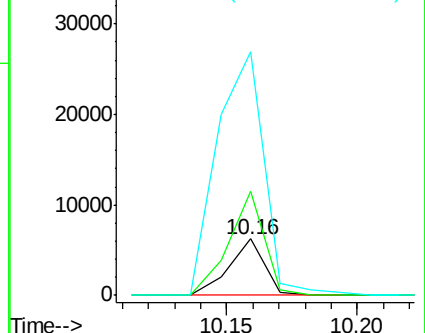
141 432.8 59.0 88.6#



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: BF081546.D

Acq: 9 Sep 2015 5:12

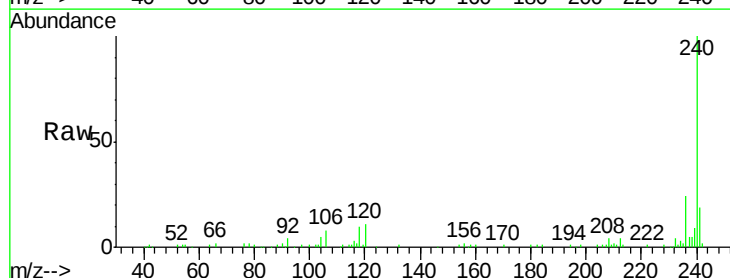
Tgt Ion:240 Resp: 110856

Ion Ratio Lower Upper

240 100

120 11.1 16.2 24.2#

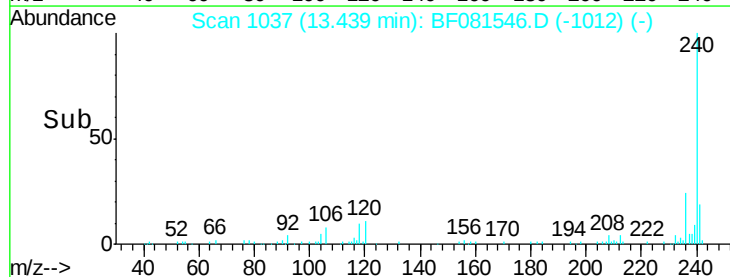
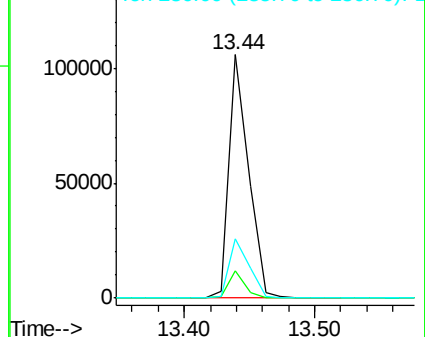
236 24.5 18.4 27.6

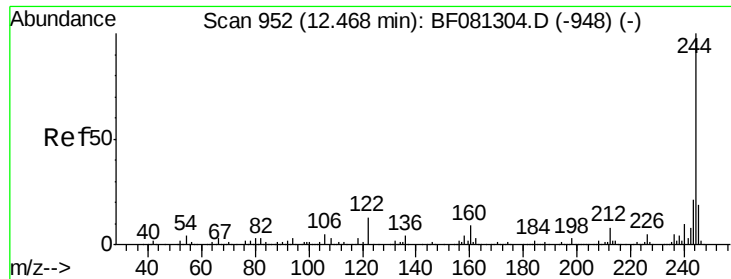


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

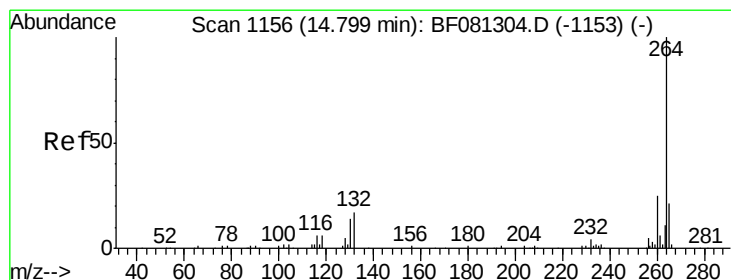
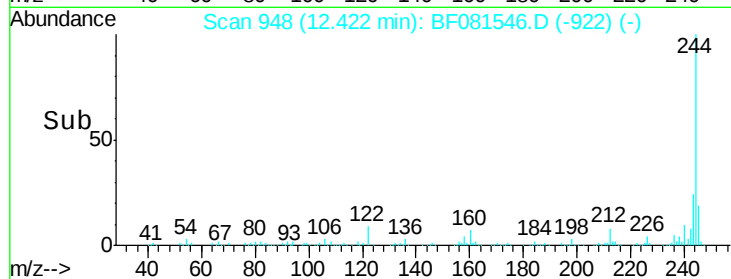
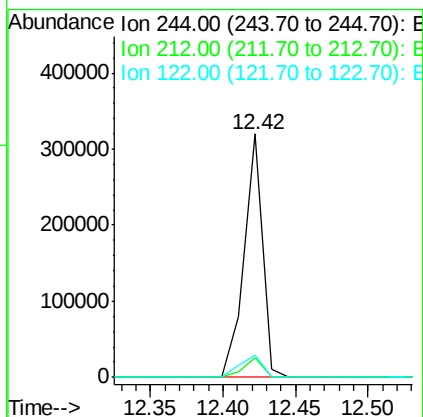
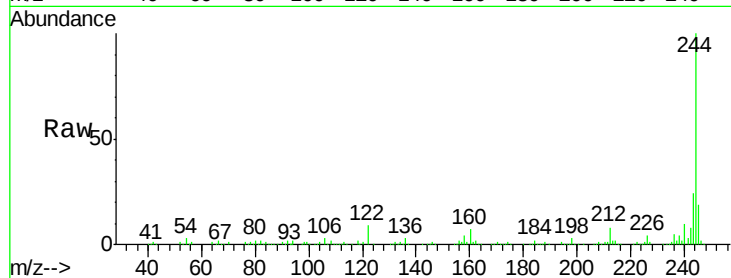




#78
 Terphenyl-d14
 Concen: 59.43 ng
 RT: 12.42 min Scan# 948
 Delta R.T. 0.00 min
 Lab File: BF081546.D
 Acq: 9 Sep 2015 5:12

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.9	4.3	6.5#
122	8.9	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: BF081546.D
 Acq: 9 Sep 2015 5:12

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.4	16.7	25.1
265	20.6	17.2	25.8

