

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041516\
 Data File : BF086254.D
 Acq On : 16 Apr 2016 9:47
 Operator : UM/SJ
 Sample : H2537-07
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B7GW

Quant Time: Apr 18 03:58:56 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF041516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 15 15:56:31 2016
 Response via : Initial Calibration

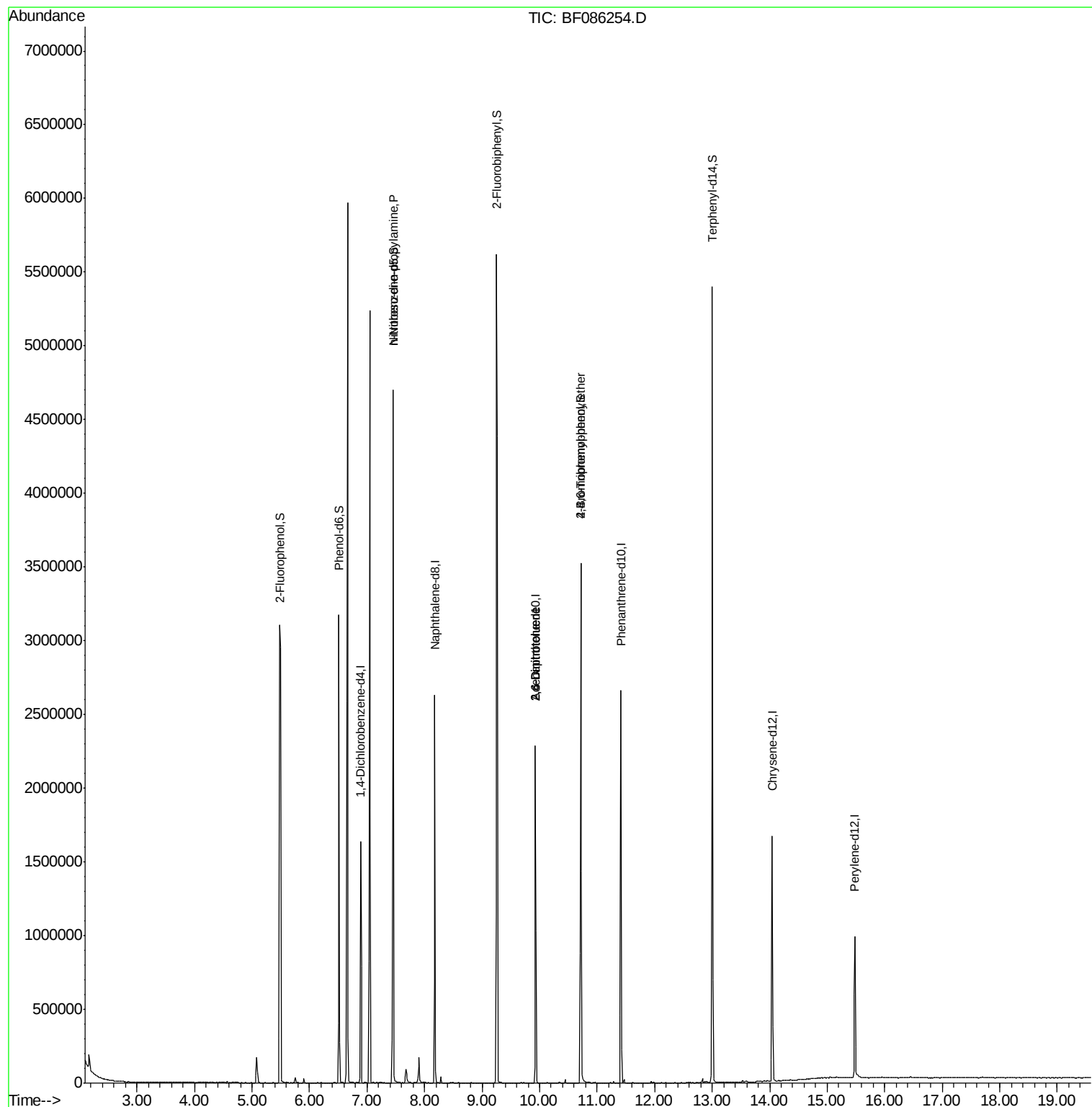
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	278977	20.00	ng	-0.01
21) Naphthalene-d8	8.18	136	1154790	20.00	ng	0.00
38) Acenaphthene-d10	9.93	164	489243	20.00	ng	-0.01
63) Phenanthrene-d10	11.41	188	879024	20.00	ng	0.00
75) Chrysene-d12	14.04	240	527631	20.00	ng	-0.01
86) Perylene-d12	15.48	264	449392	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	1322586	77.68	ng	0.01
7) Phenol-d6	6.51	99	956792	44.93	ng	-0.01
23) Nitrobenzene-d5	7.46	82	1763157	88.06	ng	0.00
41) 2,4,6-Tribromophenol	10.72	330	491326	125.06	ng	-0.01
44) 2-Fluorobiphenyl	9.25	172	2561510	96.61	ng	-0.01
78) Terphenyl-d14	13.00	244	1726506	82.28	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.46	70	244934	17.97	ng	# 82
22) Acetophenone	7.17	105	314	Below	Cal	# 53
50) 2,6-Dinitrotoluene	9.93	165	62598	7.95	ng	# 32
56) 2,4-Dinitrotoluene	9.93	165	62601	6.21	ng	# 31
57) Fluorene	10.72	166	22980	Below	Cal	# 93
66) 4-Bromophenyl-phenylether	10.72	248	28305	3.46	ng	# 1
71) Anthracene	11.44	178	1516	Below	Cal	# 59
74) Fluoranthene	12.63	202	1112	Below	Cal	# 61

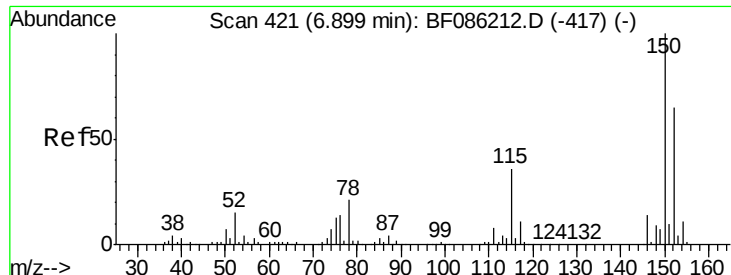
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.89 min Scan# 420

Delta R.T. -0.01 min

Lab File: BF086254.D

Acq: 16 Apr 2016 9:47

Instrument :

BNA_F

ClientSampleId :

B7GW

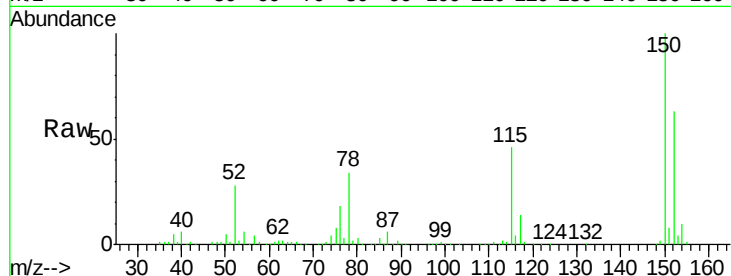
Tgt Ion:152 Resp: 278977

Ion Ratio Lower Upper

152 100

150 158.6 124.1 186.1

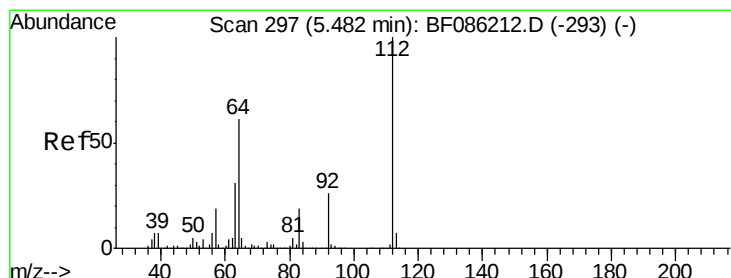
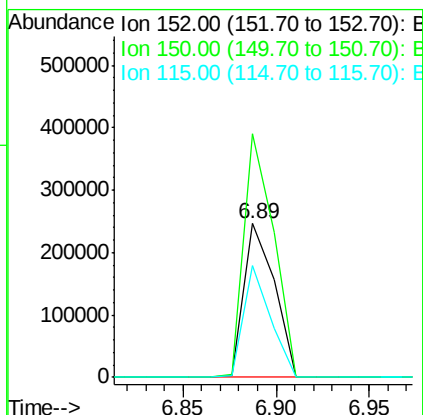
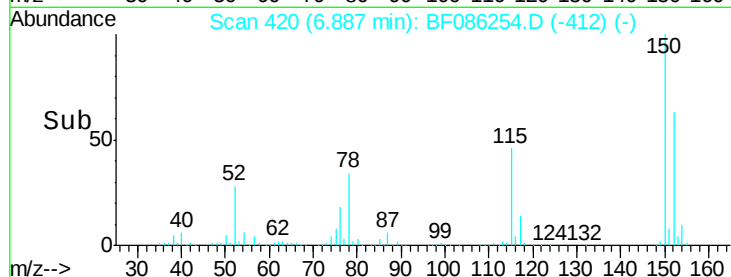
115 72.5 43.9 65.9#



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: 77.68 ng

RT: 5.49 min Scan# 298

Delta R.T. 0.01 min

Lab File: BF086254.D

Acq: 16 Apr 2016 9:47

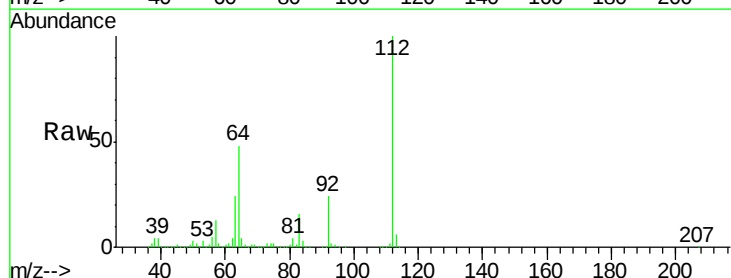
Tgt Ion:112 Resp: 1322586

Ion Ratio Lower Upper

112 100

64 48.1 48.1 72.1#

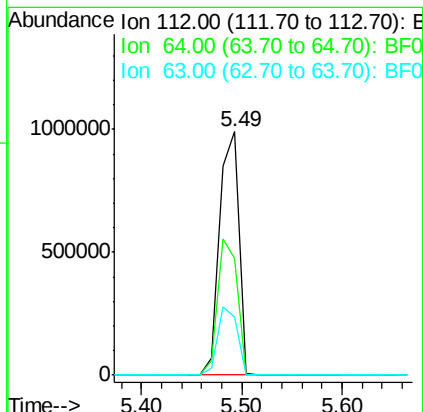
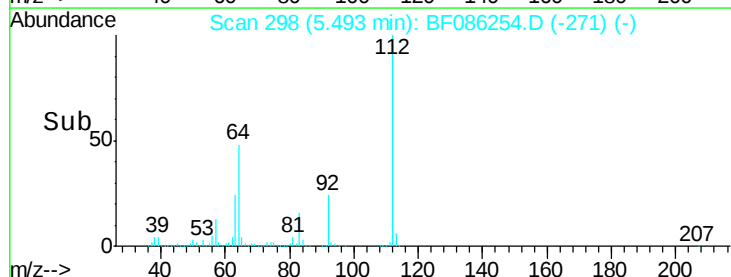
63 23.9 25.5 38.3#

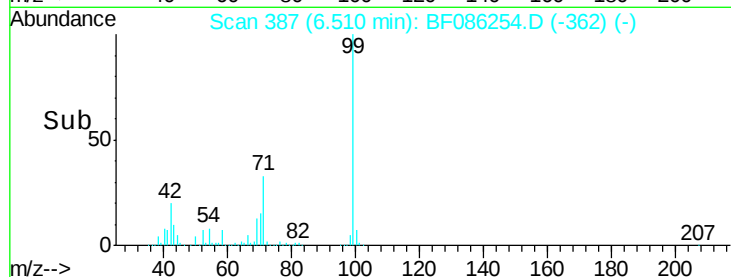
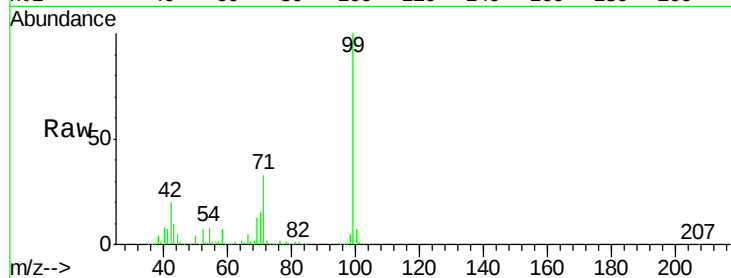
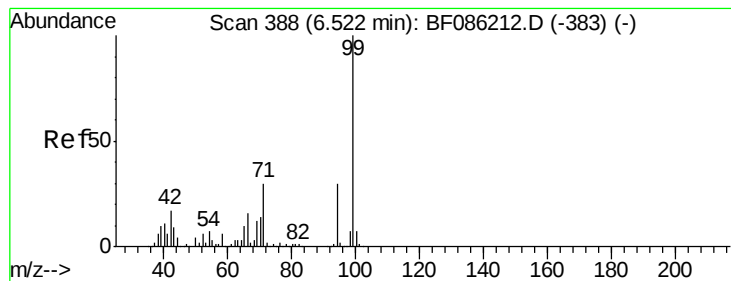


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 44.93 ng

RT: 6.51 min Scan# 387

Delta R.T. -0.01 min

Lab File: BF086254.D

Acq: 16 Apr 2016 9:47

Instrument :

BNA_F

ClientSampleId :

B7GW

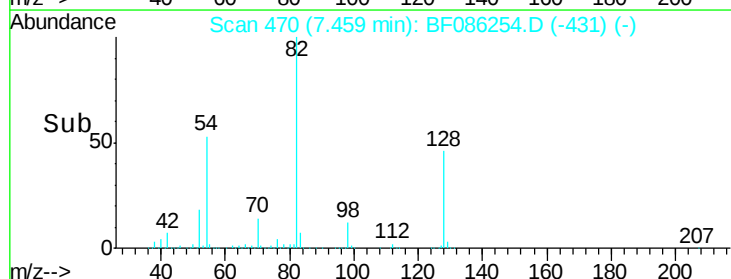
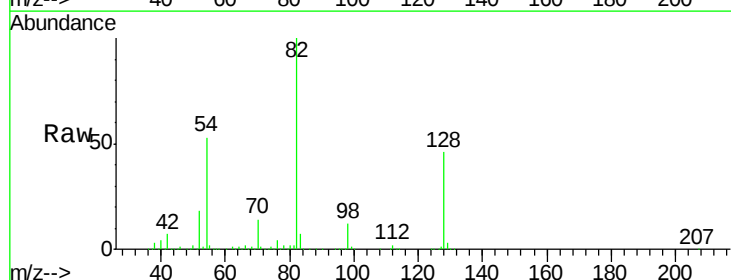
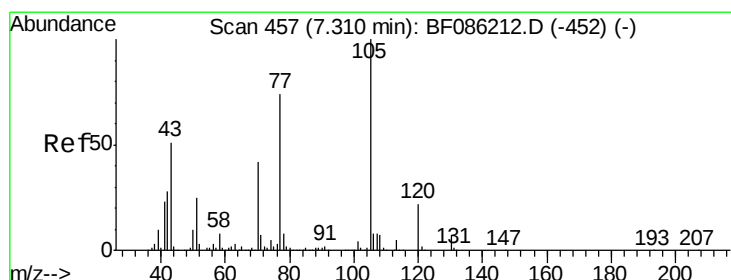
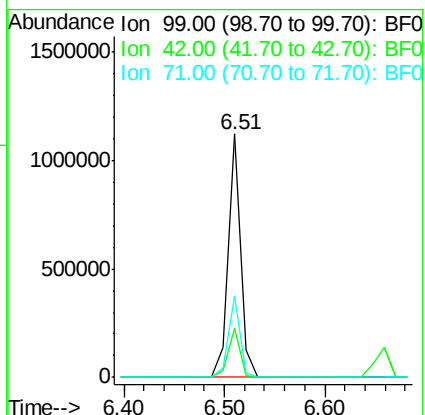
Tgt Ion: 99 Resp: 956792

Ion Ratio Lower Upper

99 100

42 20.0 15.4 23.2

71 33.3 25.6 38.4



#19

n-Nitroso-di-n-propylamine

Concen: 17.97 ng

RT: 7.46 min Scan# 470

Delta R.T. 0.15 min

Lab File: BF086254.D

Acq: 16 Apr 2016 9:47

Tgt Ion: 70 Resp: 244934

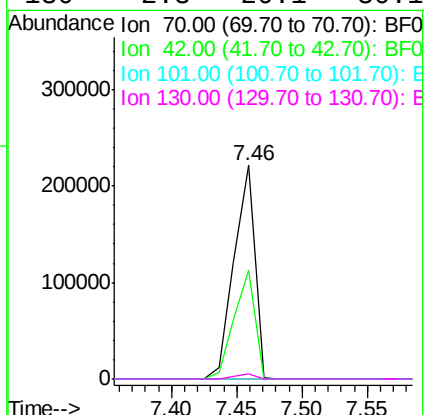
Ion Ratio Lower Upper

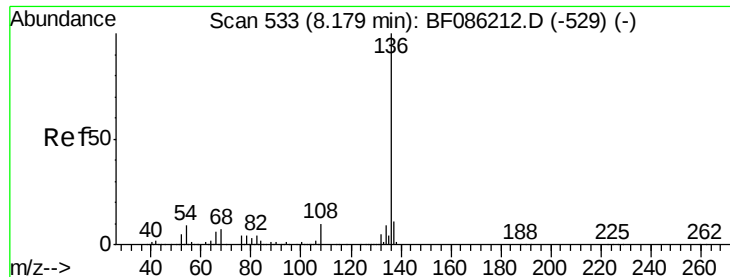
70 100

42 50.9 43.0 64.4

101 0.0 8.1 12.1#

130 2.3 20.1 30.1#

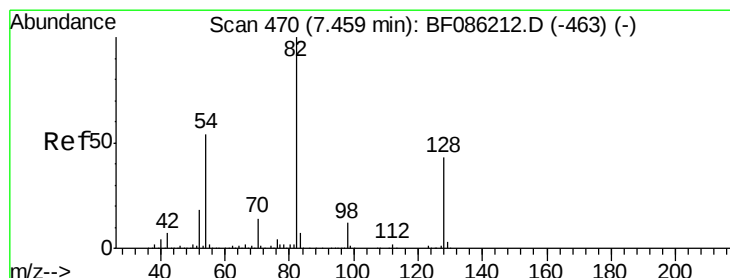
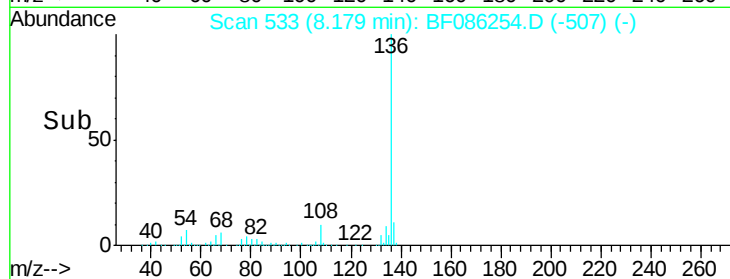
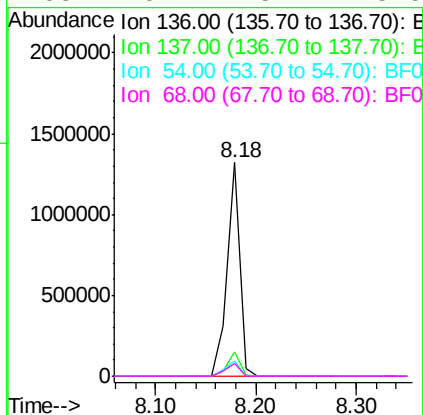
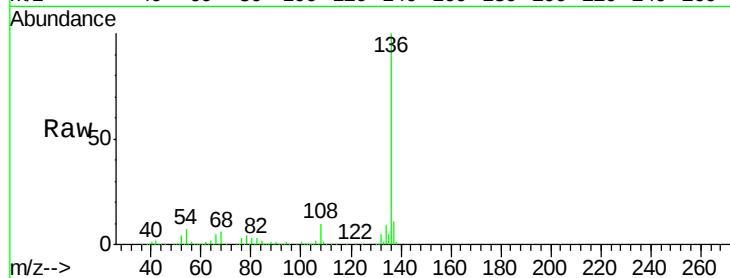




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.18 min Scan# 533
Delta R.T. -0.00 min
Lab File: BF086254.D
Acq: 16 Apr 2016 9:47

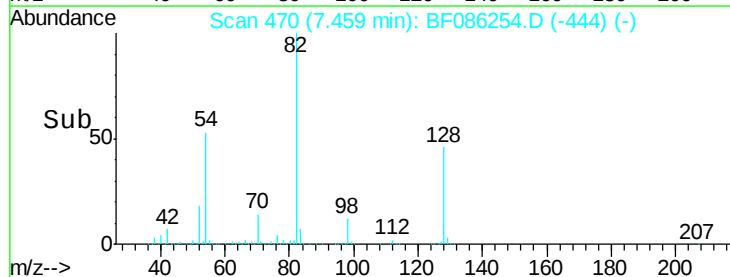
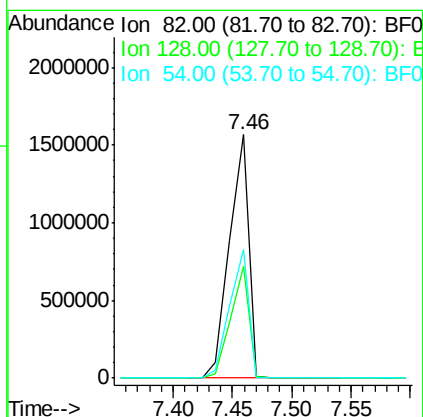
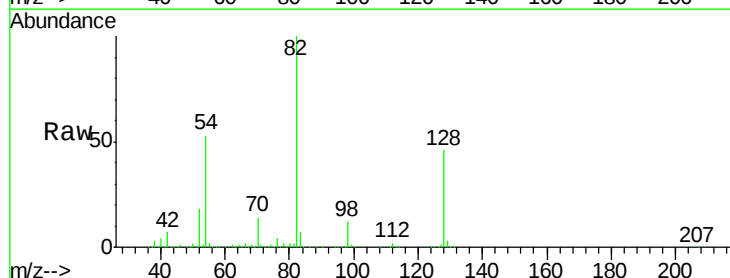
Instrument :
BNA_F
ClientSampleId :
B7GW

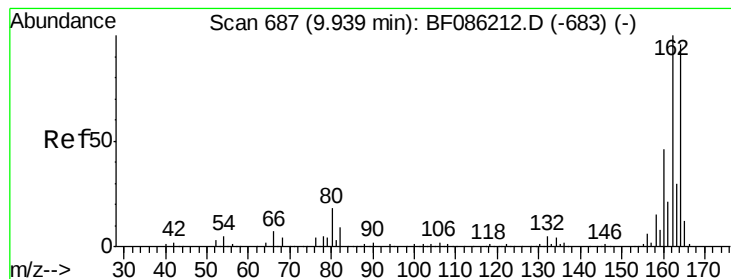
Tgt Ion:	136	Resp:	1154790
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.1	13.7
54	7.4	7.3	10.9
68	6.2	5.7	8.5



#23
Nitrobenzene-d5
Concen: 88.06 ng
RT: 7.46 min Scan# 470
Delta R.T. -0.00 min
Lab File: BF086254.D
Acq: 16 Apr 2016 9:47

Tgt Ion:	82	Resp:	1763157
Ion	Ratio	Lower	Upper
82	100		
128	45.7	35.4	53.2
54	52.7	43.4	65.0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.93 min Scan# 686

Delta R.T. -0.01 min

Lab File: BF086254.D

Acq: 16 Apr 2016 9:47

Instrument :

BNA_F

ClientSampleId :

B7GW

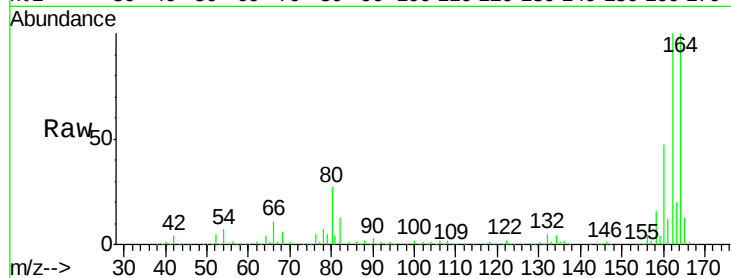
Tgt Ion:164 Resp: 489243

Ion Ratio Lower Upper

164 100

162 99.9 82.8 124.2

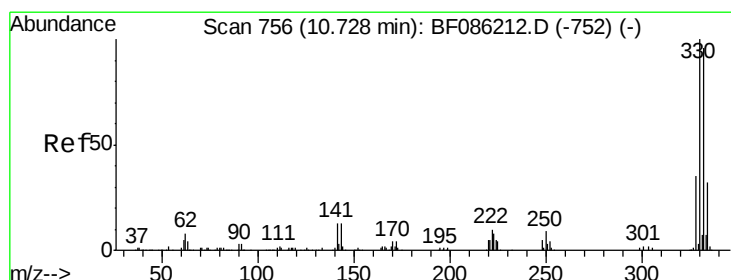
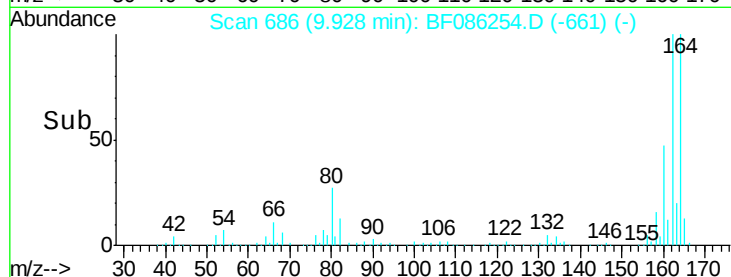
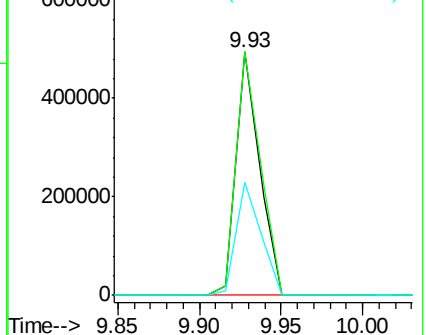
160 46.7 38.9 58.3



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: 125.06 ng

RT: 10.72 min Scan# 755

Delta R.T. -0.01 min

Lab File: BF086254.D

Acq: 16 Apr 2016 9:47

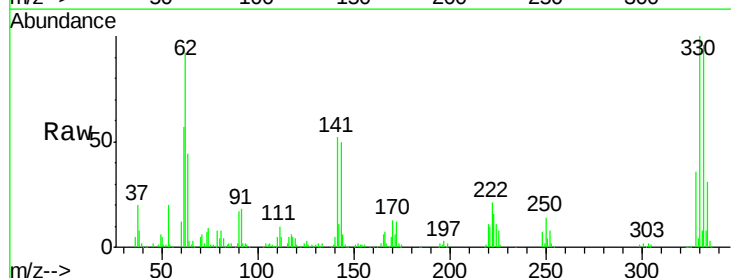
Tgt Ion:330 Resp: 491326

Ion Ratio Lower Upper

330 100

332 96.6 78.7 118.1

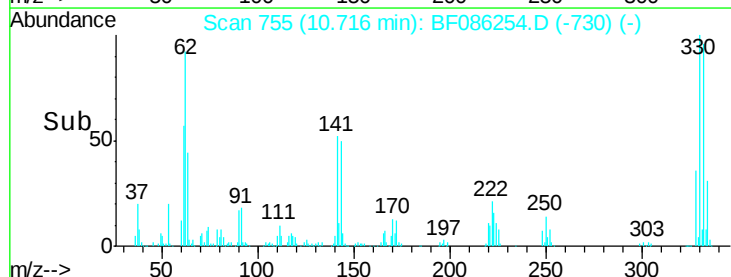
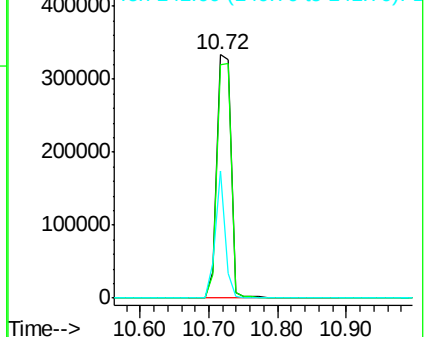
141 36.7 28.6 42.8

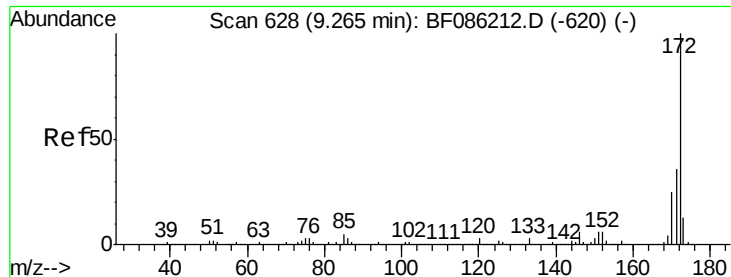


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

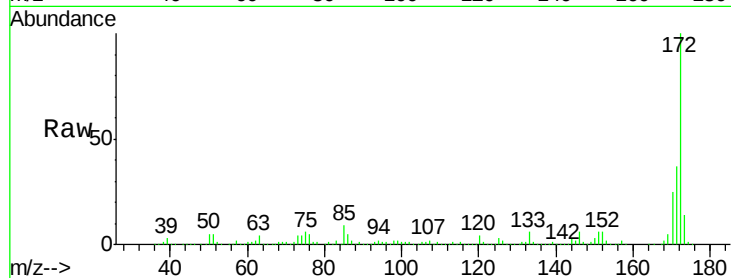




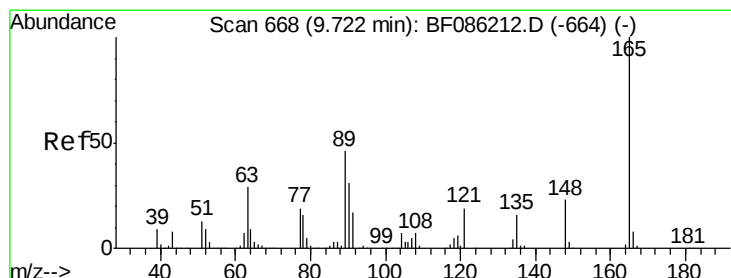
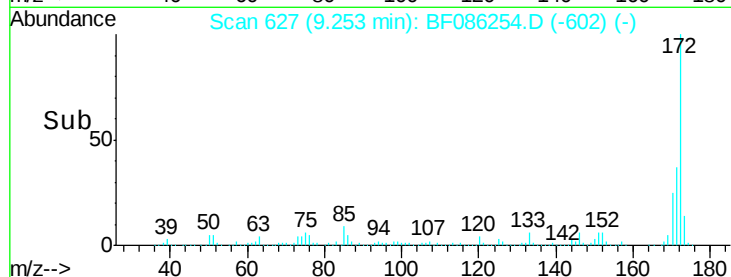
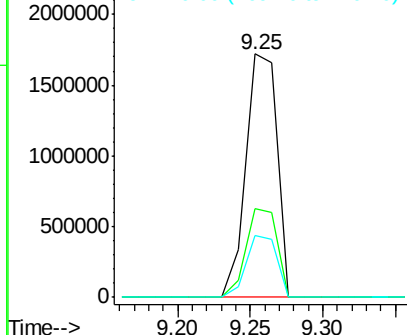
#44
 2-Fluorobiphenyl
 Concen: 96.61 ng
 RT: 9.25 min Scan# 627
 Delta R.T. -0.01 min
 Lab File: BF086254.D
 Acq: 16 Apr 2016 9:47

Instrument :
 BNA_F
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 B7GW

Tgt Ion:172 Resp: 2561510
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.1 43.7
 170 25.2 19.9 29.9

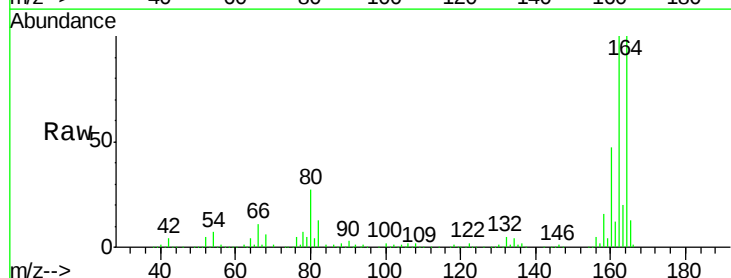


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

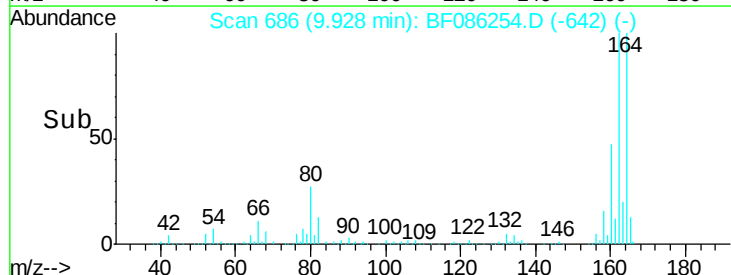
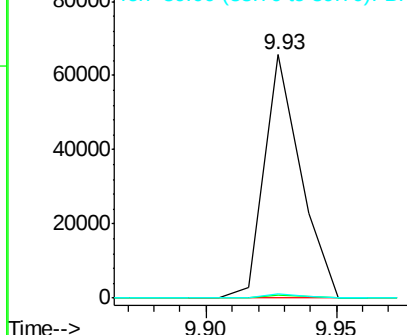


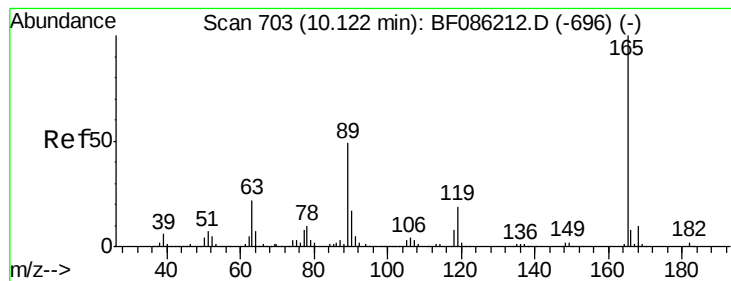
#50
 2,6-Dinitrotoluene
 Concen: 7.95 ng
 RT: 9.93 min Scan# 686
 Delta R.T. 0.21 min
 Lab File: BF086254.D
 Acq: 16 Apr 2016 9:47

Tgt Ion:165 Resp: 62598
 Ion Ratio Lower Upper
 165 100
 63 1.4 35.1 52.7#
 89 1.6 39.8 59.6#



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

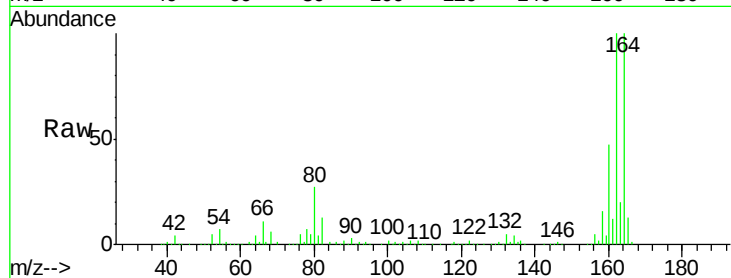




#56
 2,4-Dinitrotoluene
 Concen: 6.21 ng
 RT: 9.93 min Scan# 686
 Delta R.T. -0.19 min
 Lab File: BF086254.D
 Acq: 16 Apr 2016 9:47

Instrument :
 BNA_F
 ClientSampleId :
 B7GW

Tgt Ion:	165	Resp:	62601
Ion Ratio	Lower	Upper	
165	100		
63	1.4	26.6	40.0#
89	1.6	49.5	74.3#
182	0.0	1.9	2.9#

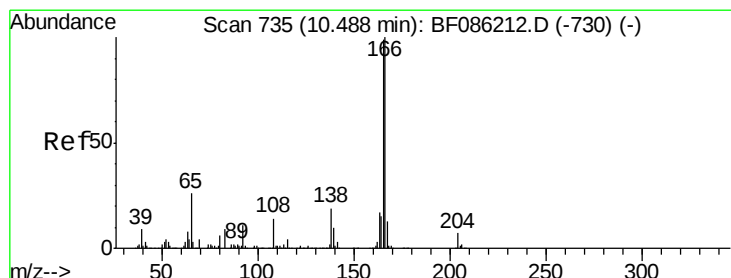
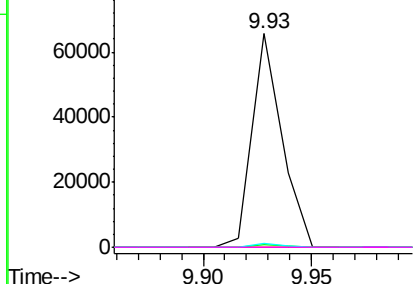
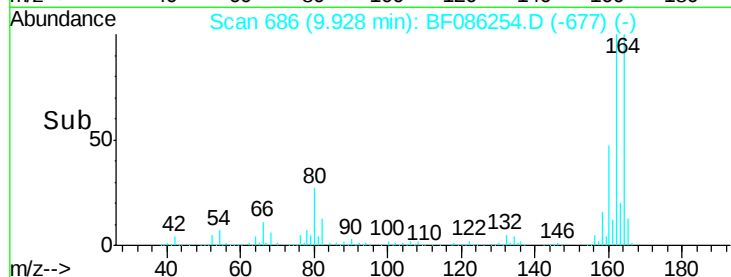


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

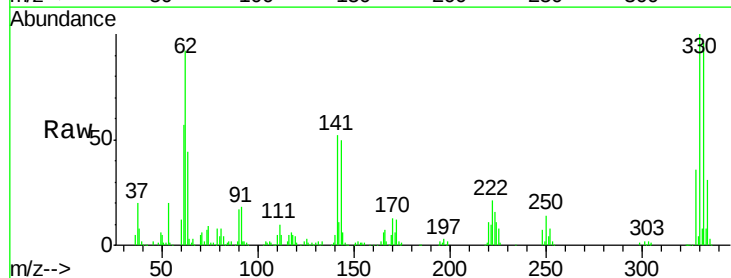
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#57
 Fluorene
 Concen: Below Cal
 RT: 10.72 min Scan# 755
 Delta R.T. 0.23 min
 Lab File: BF086254.D
 Acq: 16 Apr 2016 9:47

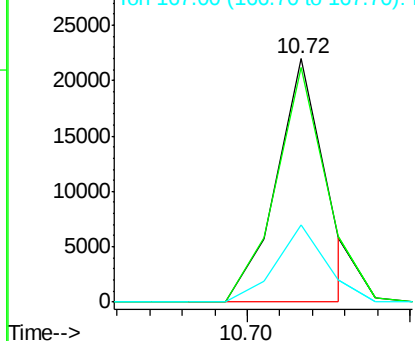
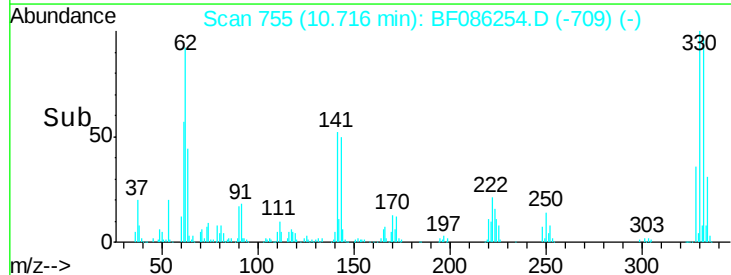
Tgt Ion:	166	Resp:	22980
Ion Ratio	Lower	Upper	
166	100		
165	96.4	78.6	117.8
167	31.7	10.4	15.6#

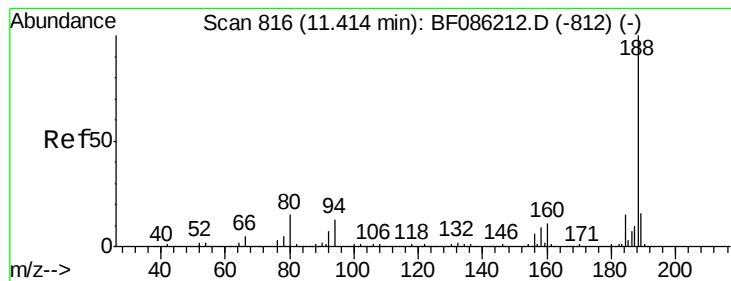


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.41 min Scan# 816

Delta R.T. 0.00 min

Lab File: BF086254.D

Acq: 16 Apr 2016 9:47

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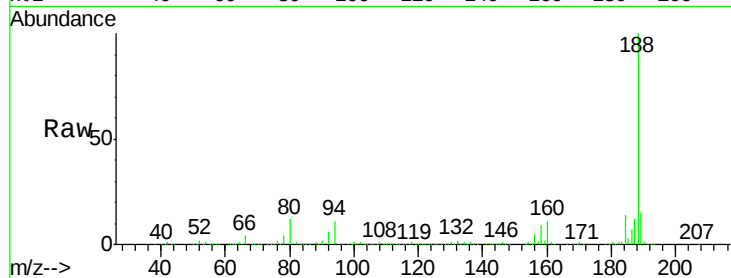
Tgt Ion:188 Resp: 879024

Ion Ratio Lower Upper

188 100

94 11.3 9.8 14.8

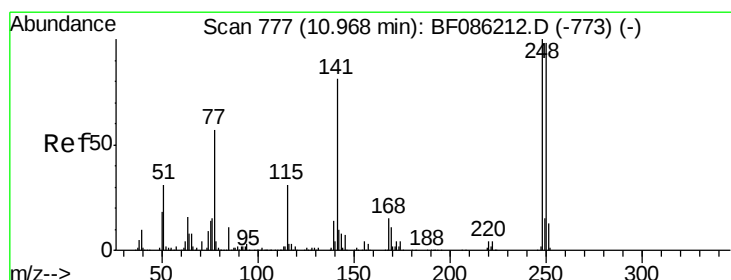
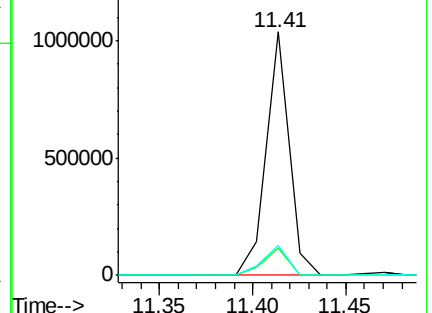
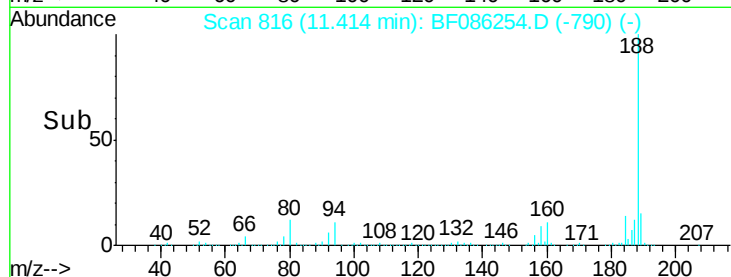
80 12.3 10.5 15.7



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: 3.46 ng

RT: 10.72 min Scan# 755

Delta R.T. -0.25 min

Lab File: BF086254.D

Acq: 16 Apr 2016 9:47

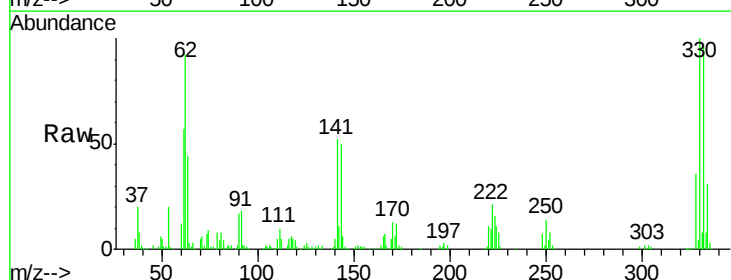
Tgt Ion:248 Resp: 28305

Ion Ratio Lower Upper

248 100

250 194.3 78.6 118.0#

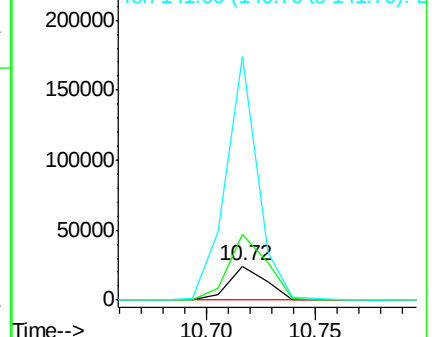
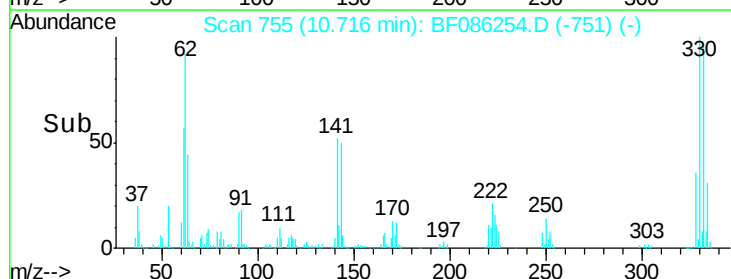
141 718.6 57.9 86.9#

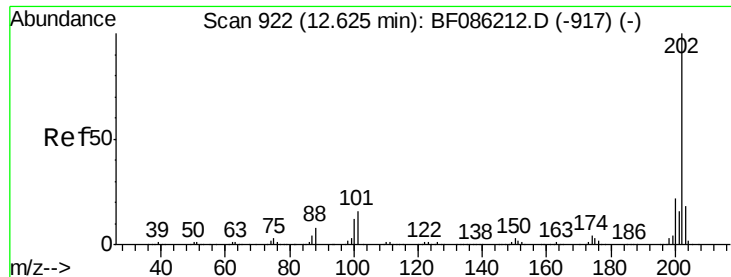


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

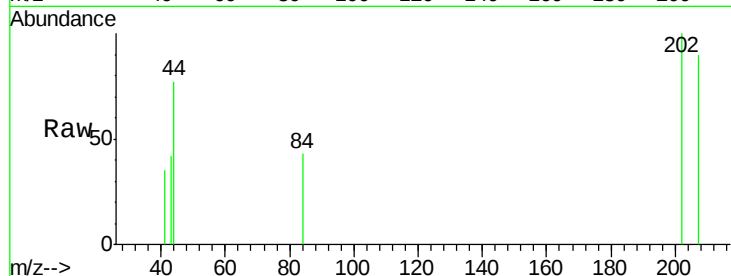




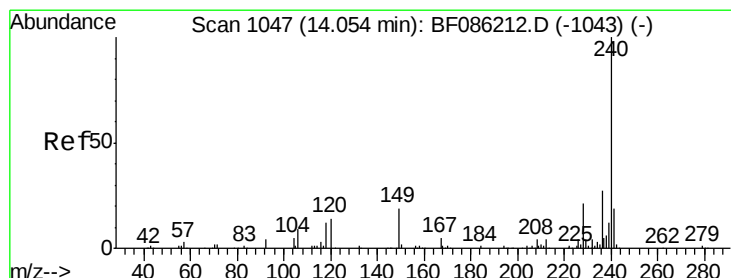
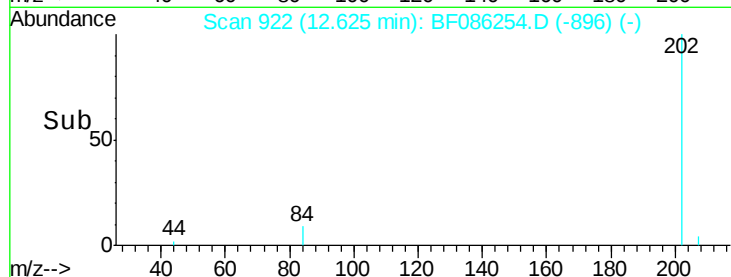
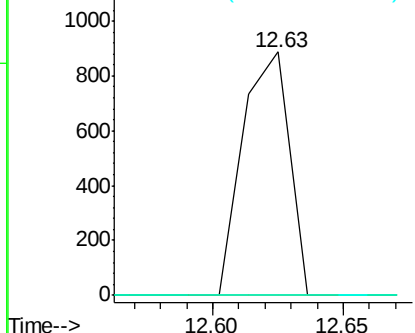
#74
 Fluoranthene
 Concen: Below Cal
 RT: 12.63 min Scan# 922
 Delta R.T. 0.00 min
 Lab File: BF086254.D
 Acq: 16 Apr 2016 9:47

Instrument :
 BNA_F
 ClientSampleId :
 B7GW

Tgt Ion	Ratio	Lower	Upper
202	100		
101	0.0	0.0	35.2
203	0.0	0.0	38.2

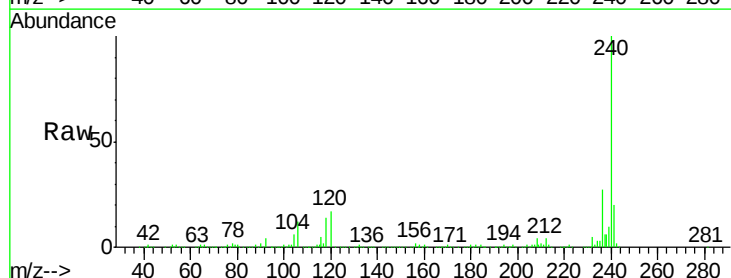


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

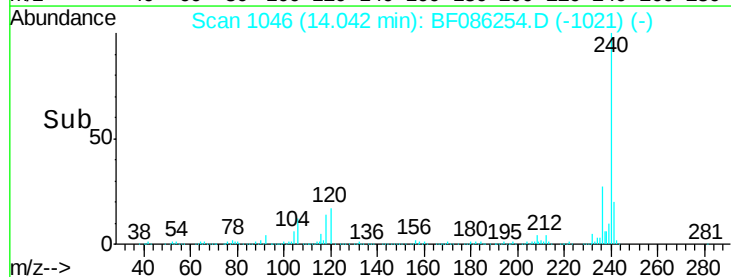
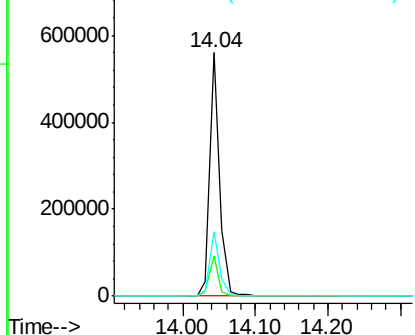


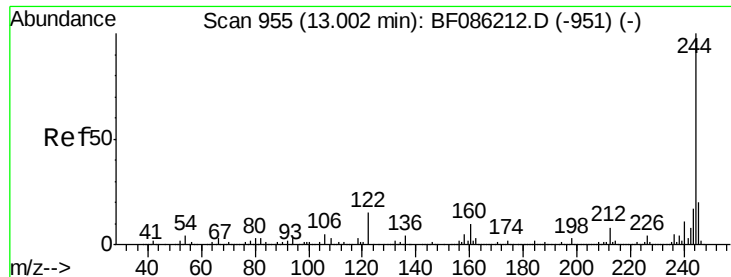
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.04 min Scan# 1046
 Delta R.T. -0.01 min
 Lab File: BF086254.D
 Acq: 16 Apr 2016 9:47

Tgt Ion	Ratio	Lower	Upper
240	100		
120	16.7	9.3	13.9#
236	26.7	21.1	31.7



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

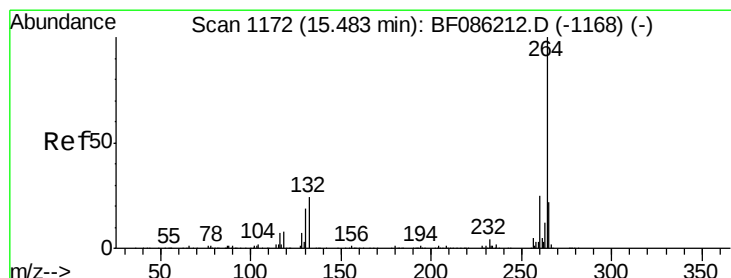
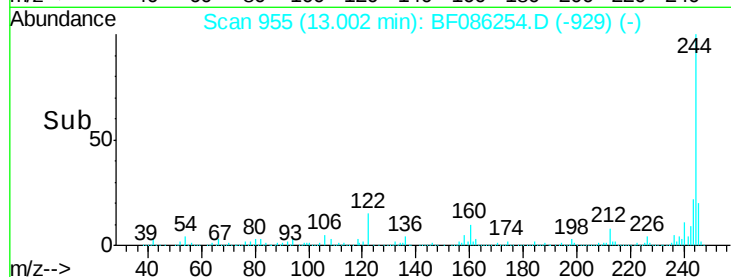
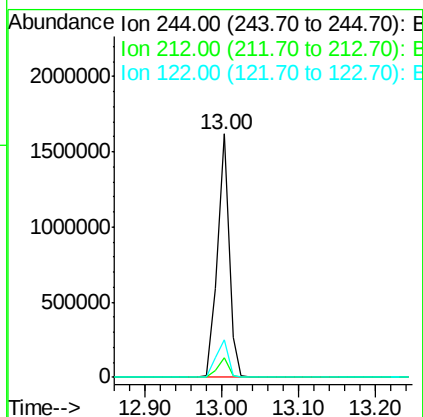
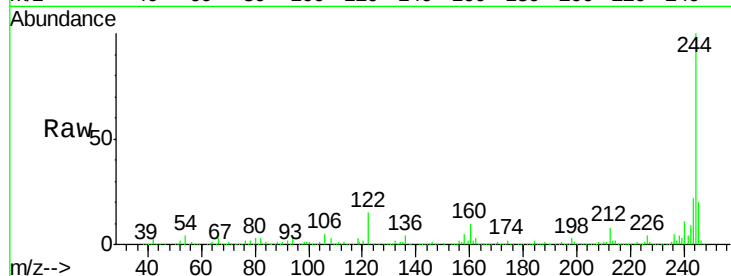




#78
 Terphenyl-d14
 Concen: 82.28 ng
 RT: 13.00 min Scan# 955
 Delta R.T. 0.00 min
 Lab File: BF086254.D
 Acq: 16 Apr 2016 9:47

Instrument :
 BNA_F
 ClientSampleId :
 B7GW

Tgt Ion:244 Resp: 1726506
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.4 9.6
 122 15.2 11.7 17.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.48 min Scan# 1172
 Delta R.T. -0.00 min
 Lab File: BF086254.D
 Acq: 16 Apr 2016 9:47

Tgt Ion:264 Resp: 449392
 Ion Ratio Lower Upper
 264 100
 260 24.0 20.0 30.0
 265 20.7 17.4 26.0

