

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041516\
 Data File : BF086253.D
 Acq On : 16 Apr 2016 9:20
 Operator : UM/SJ
 Sample : H2537-06
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B6GW

Quant Time: Apr 18 03:58:40 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

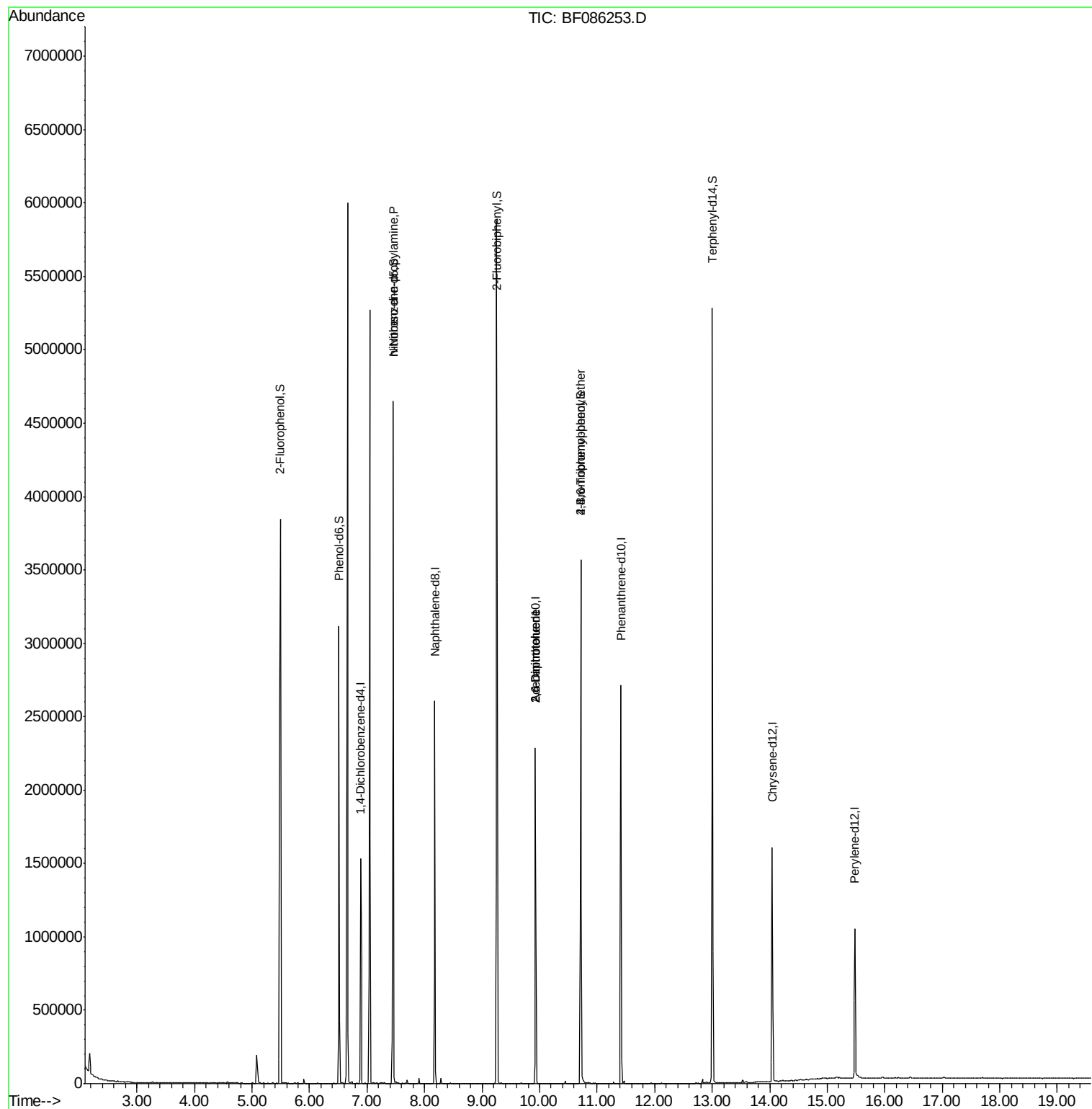
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	275727	20.00	ng	-0.01
21) Naphthalene-d8	8.18	136	1172900	20.00	ng	0.00
38) Acenaphthene-d10	9.93	164	484441	20.00	ng	-0.01
63) Phenanthrene-d10	11.41	188	902464	20.00	ng	0.00
75) Chrysene-d12	14.04	240	537594	20.00	ng	-0.01
86) Perylene-d12	15.48	264	457108	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	1340605	79.66	ng	0.01
7) Phenol-d6	6.51	99	996141	47.32	ng	-0.01
23) Nitrobenzene-d5	7.46	82	1764246	86.76	ng	0.00
41) 2,4,6-Tribromophenol	10.72	330	482226	123.97	ng	-0.01
44) 2-Fluorobiphenyl	9.25	172	2438293	92.88	ng	-0.01
78) Terphenyl-d14	13.00	244	1739636	81.37	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.46	70	247693	18.39	ng	# 81
22) Acetophenone	7.29	105	242	Below	Cal	# 53
50) 2,6-Dinitrotoluene	9.93	165	62042	7.96	ng	# 32
56) 2,4-Dinitrotoluene	9.93	165	62045	6.22	ng	# 31
57) Fluorene	10.72	166	22458	Below	Cal	# 91
66) 4-Bromophenyl-phenylether	10.72	248	27735	3.30	ng	# 1
71) Anthracene	11.48	178	241	Below	Cal	# 59
74) Fluoranthene	12.61	202	758	Below	Cal	# 61

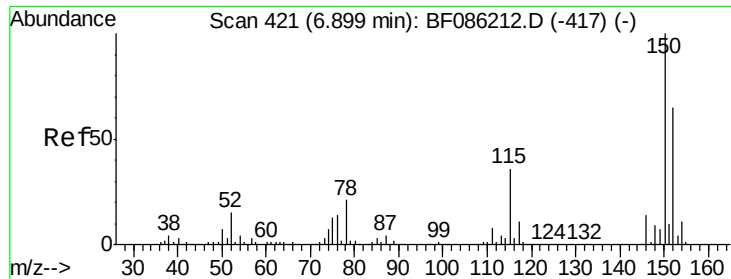
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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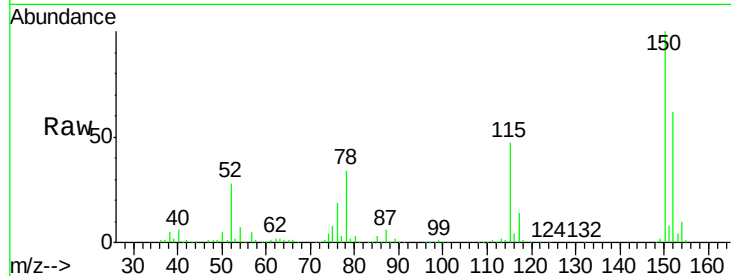




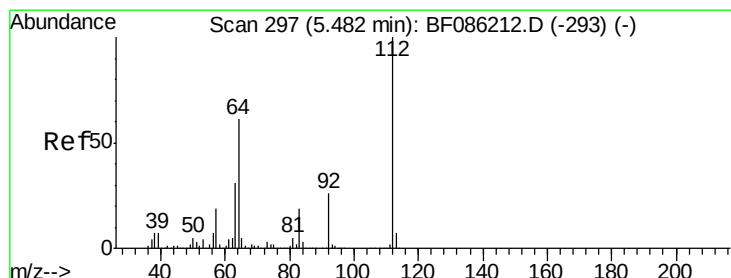
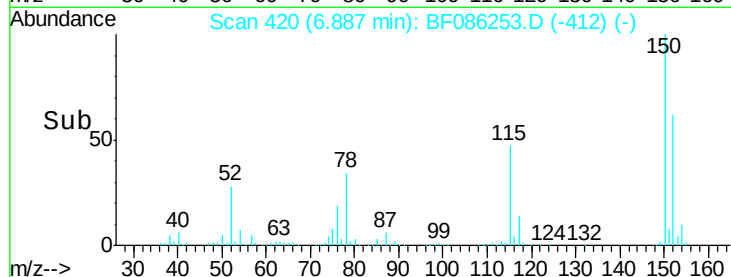
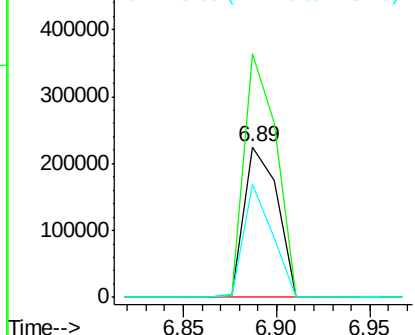
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.89 min Scan# 420
 Delta R.T. -0.01 min
 Lab File: BF086253.D
 Acq: 16 Apr 2016 9:20

Instrument :
 BNA_F
 ClientSampleId :
 B6GW

Tgt Ion:152 Resp: 275727
 Ion Ratio Lower Upper
 152 100
 150 161.9 124.1 186.1
 115 75.6 43.9 65.9#

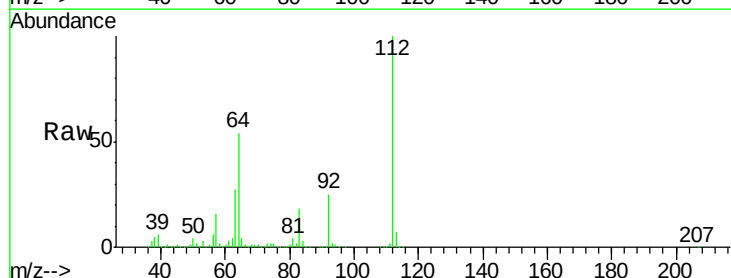


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

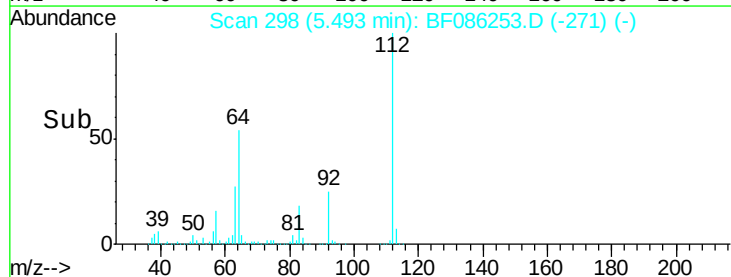
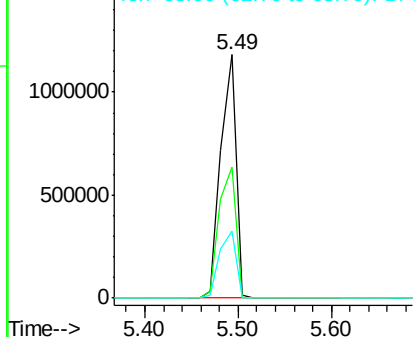


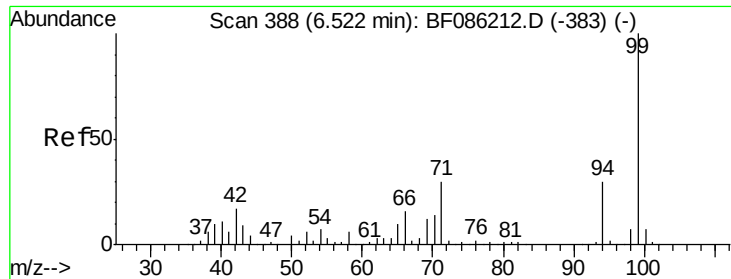
#5
 2-Fluorophenol
 Concen: 79.66 ng
 RT: 5.49 min Scan# 298
 Delta R.T. 0.01 min
 Lab File: BF086253.D
 Acq: 16 Apr 2016 9:20

Tgt Ion:112 Resp: 1340605
 Ion Ratio Lower Upper
 112 100
 64 53.8 48.1 72.1
 63 27.5 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: 47.32 ng

RT: 6.51 min Scan# 387

Delta R.T. -0.01 min

Lab File: BF086253.D

Acq: 16 Apr 2016 9:20

Instrument :

BNA_F

ClientSampled :

B6GW

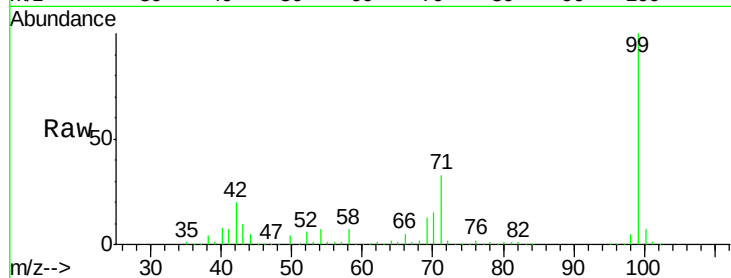
Tgt Ion: 99 Resp: 996141

Ion Ratio Lower Upper

99 100

42 20.1 15.4 23.2

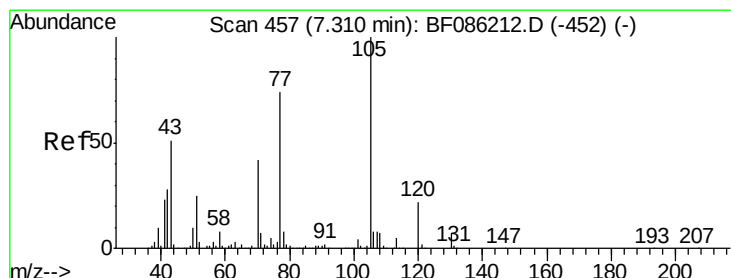
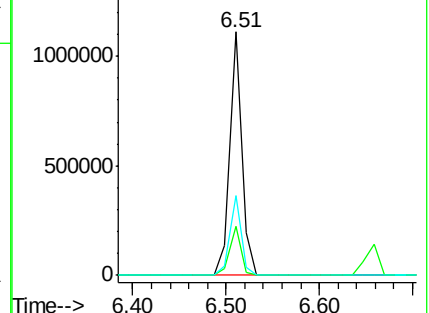
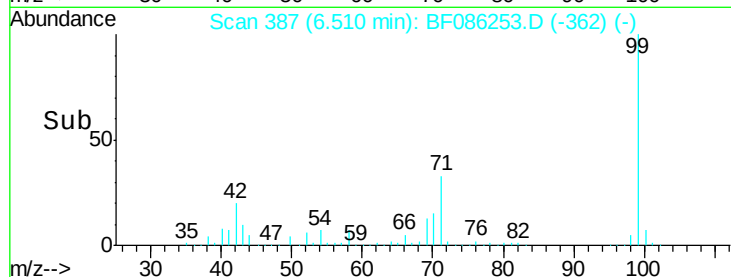
71 32.8 25.6 38.4



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: 18.39 ng

RT: 7.46 min Scan# 470

Delta R.T. 0.15 min

Lab File: BF086253.D

Acq: 16 Apr 2016 9:20

Tgt Ion: 70 Resp: 247693

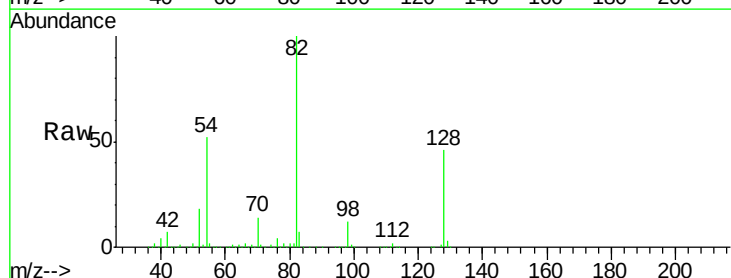
Ion Ratio Lower Upper

70 100

42 49.7 43.0 64.4

101 0.0 8.1 12.1#

130 2.2 20.1 30.1#

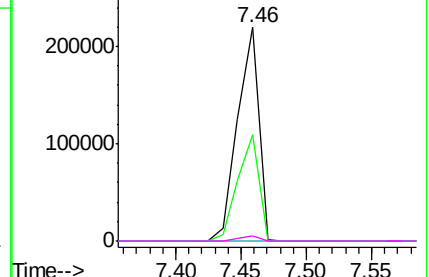
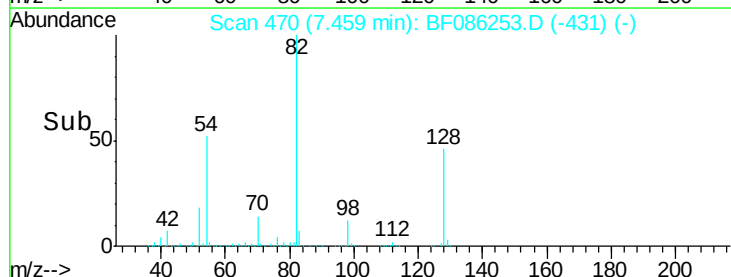


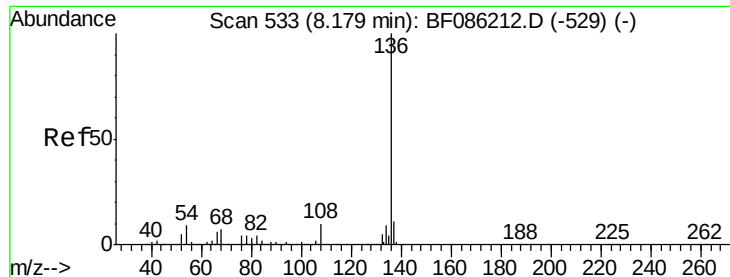
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

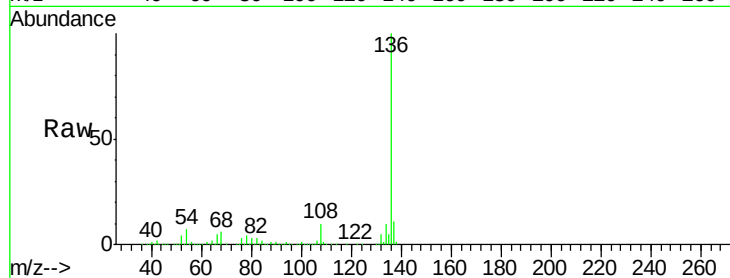




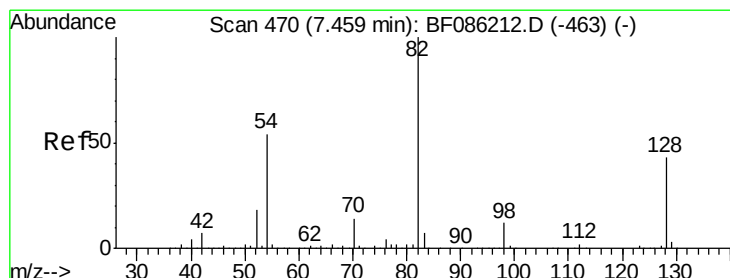
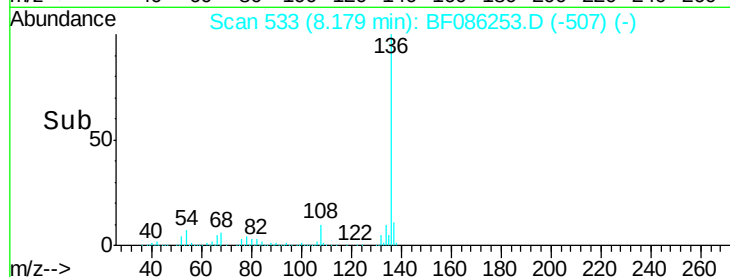
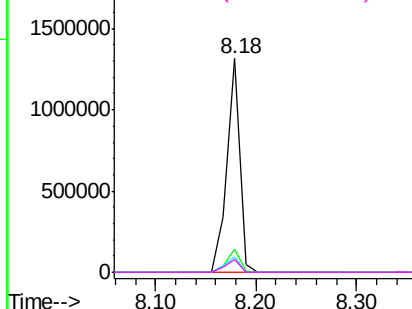
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.18 min Scan# 533
Delta R.T. -0.00 min
Lab File: BF086253.D
Acq: 16 Apr 2016 9:20

Instrument :
BNA_F
ClientSampleId :
B6GW

Tgt Ion: 136 Resp: 1172900
Ion Ratio Lower Upper
136 100
137 11.0 9.1 13.7
54 7.3 7.3 10.9#
68 6.2 5.7 8.5

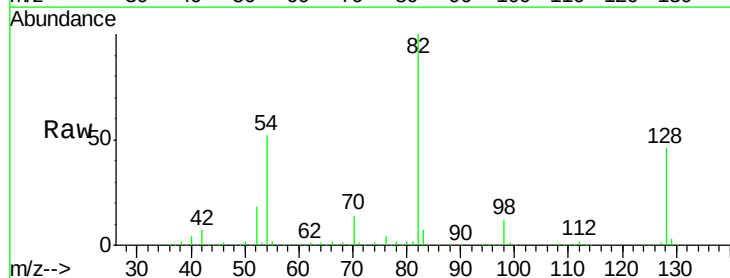


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

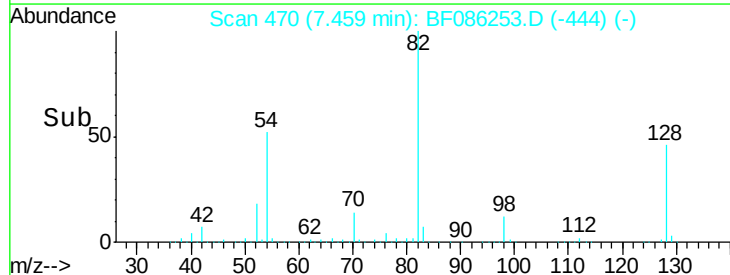
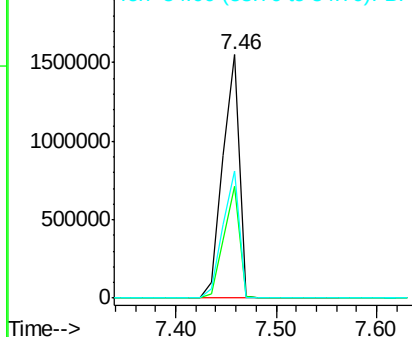


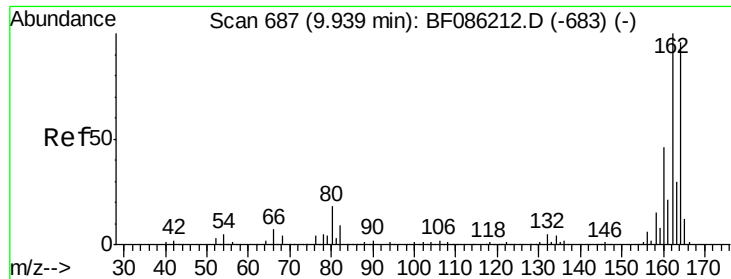
#23
Nitrobenzene-d5
Concen: 86.76 ng
RT: 7.46 min Scan# 470
Delta R.T. -0.00 min
Lab File: BF086253.D
Acq: 16 Apr 2016 9:20

Tgt Ion: 82 Resp: 1764246
Ion Ratio Lower Upper
82 100
128 46.1 35.4 53.2
54 52.2 43.4 65.0



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: 9.93 min Scan# 686

Delta R.T. -0.01 min

Lab File: BF086253.D

Acq: 16 Apr 2016 9:20

Instrument :

BNA_F

ClientSampleId :

B6GW

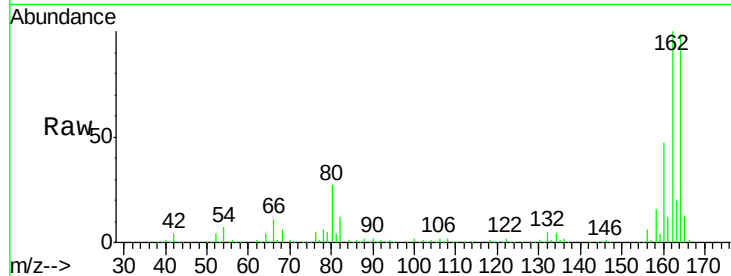
Tgt Ion:164 Resp: 484441

Ion Ratio Lower Upper

164 100

162 101.3 82.8 124.2

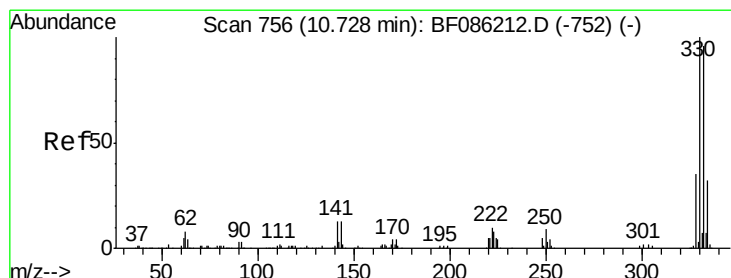
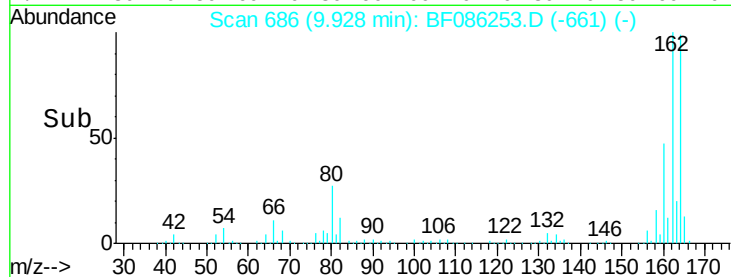
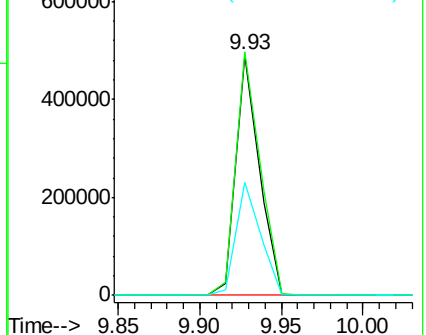
160 47.2 38.9 58.3



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: 123.97 ng

RT: 10.72 min Scan# 755

Delta R.T. -0.01 min

Lab File: BF086253.D

Acq: 16 Apr 2016 9:20

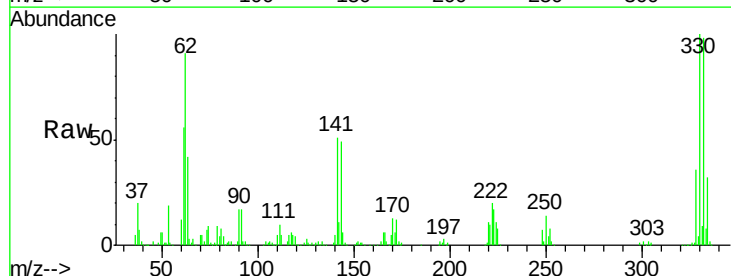
Tgt Ion:330 Resp: 482226

Ion Ratio Lower Upper

330 100

332 96.4 78.7 118.1

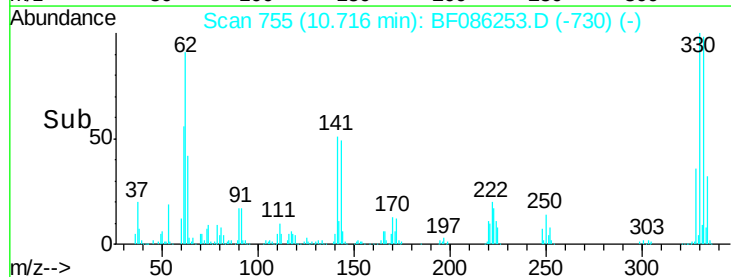
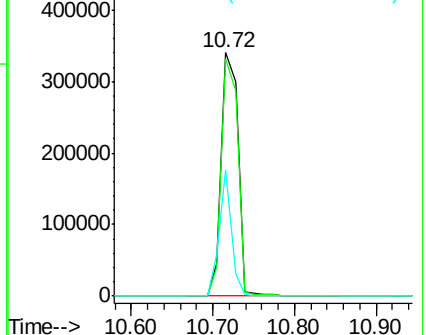
141 38.4 28.6 42.8

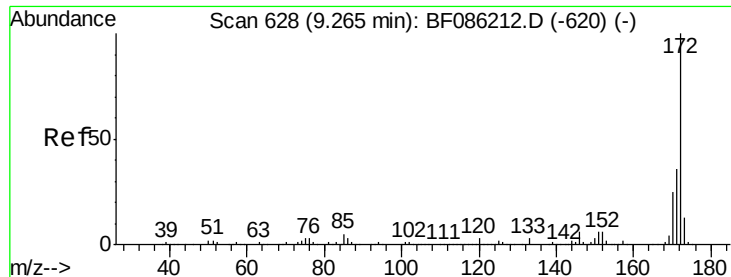


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

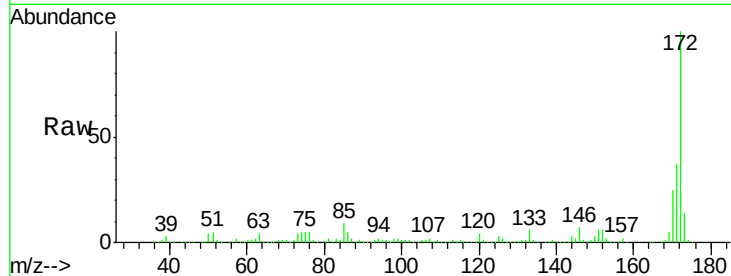




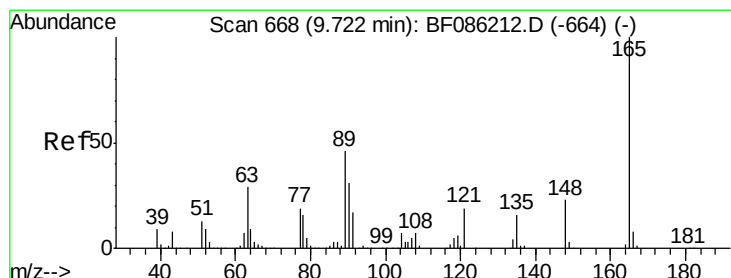
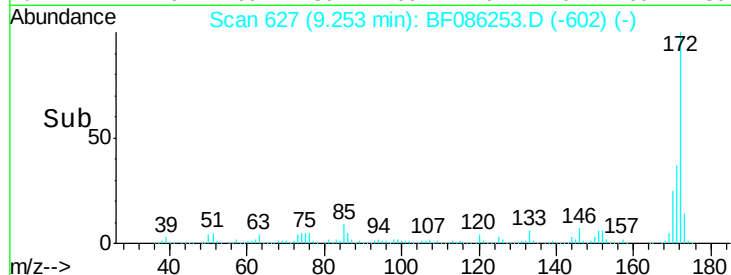
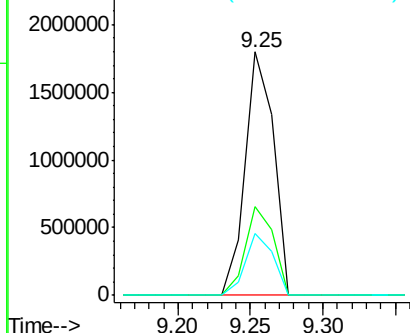
#44
 2-Fluorobiphenyl
 Concen: 92.88 ng
 RT: 9.25 min Scan# 627
 Delta R.T. -0.01 min
 Lab File: BF086253.D
 Acq: 16 Apr 2016 9:20

Instrument :
 BNA_F
 ClientSampleId :
 B6GW

Tgt Ion:172 Resp: 2438293
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.1 43.7
 170 25.3 19.9 29.9

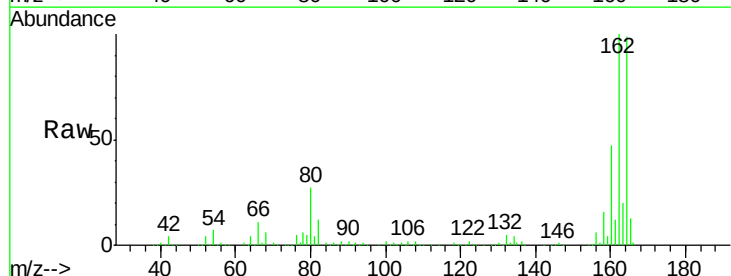


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

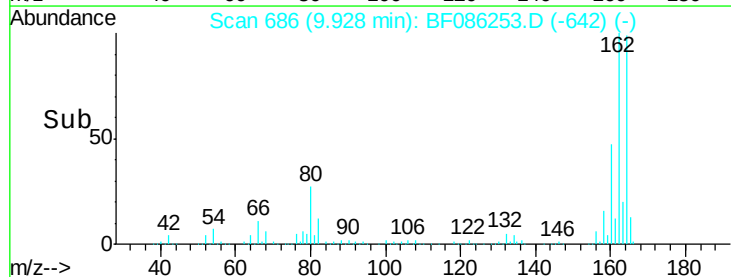
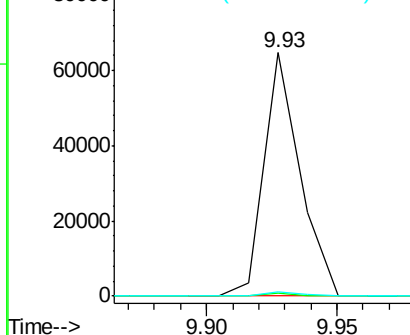


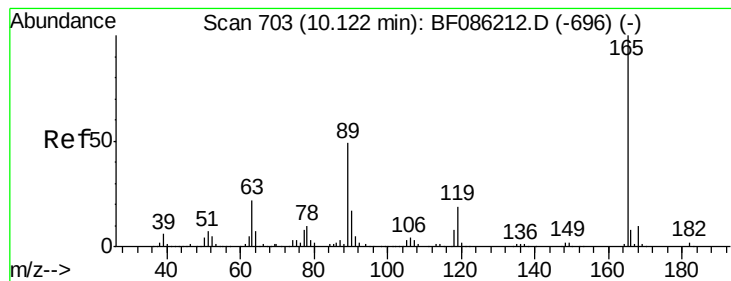
#50
 2,6-Dinitrotoluene
 Concen: 7.96 ng
 RT: 9.93 min Scan# 686
 Delta R.T. 0.21 min
 Lab File: BF086253.D
 Acq: 16 Apr 2016 9:20

Tgt Ion:165 Resp: 62042
 Ion Ratio Lower Upper
 165 100
 63 1.2 35.1 52.7#
 89 1.5 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: 6.22 ng

RT: 9.93 min Scan# 686

Delta R.T. -0.19 min

Lab File: BF086253.D

Acq: 16 Apr 2016 9:20

Instrument :

BNA_F

ClientSampleId :

B6GW

Tgt Ion:165 Resp: 62045

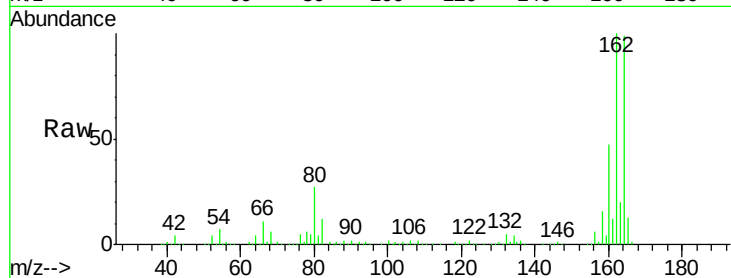
Ion Ratio Lower Upper

165 100

63 1.2 26.6 40.0#

89 1.5 49.5 74.3#

182 0.0 1.9 2.9#



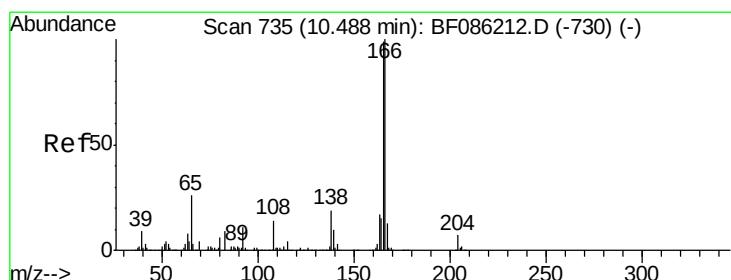
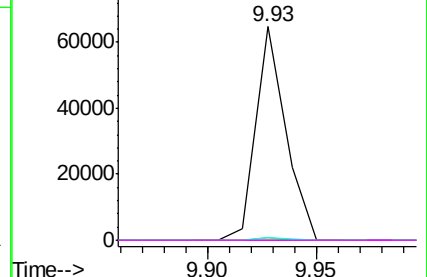
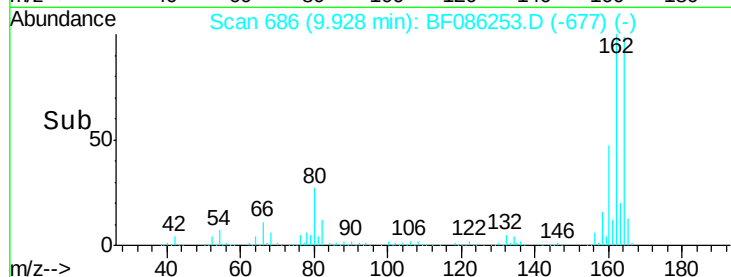
Abundance Ion 165.00 (164.70 to 165.70): E

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

Time-->



#57

Fluorene

Concen: Below Cal

RT: 10.72 min Scan# 755

Delta R.T. 0.23 min

Lab File: BF086253.D

Acq: 16 Apr 2016 9:20

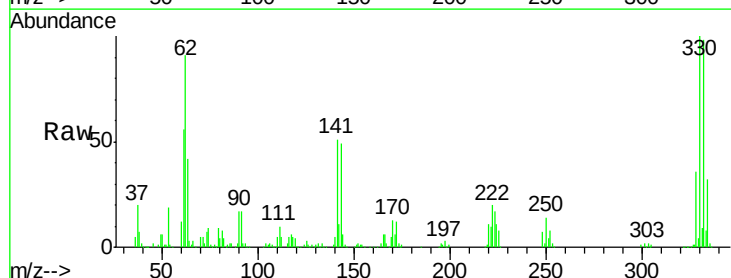
Tgt Ion:166 Resp: 22458

Ion Ratio Lower Upper

166 100

165 100.1 78.6 117.8

167 36.6 10.4 15.6#

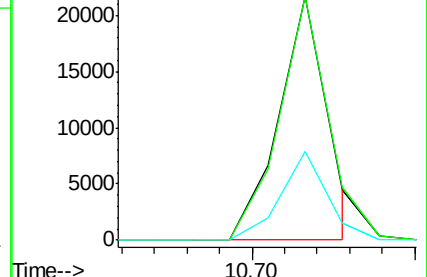
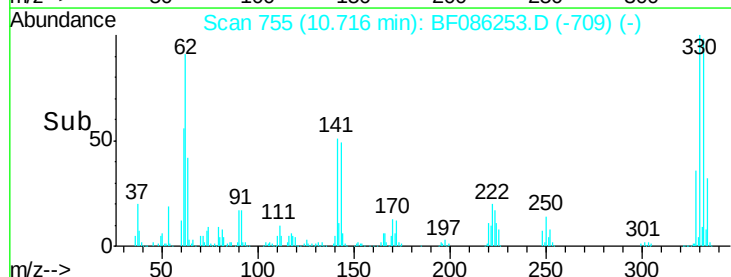


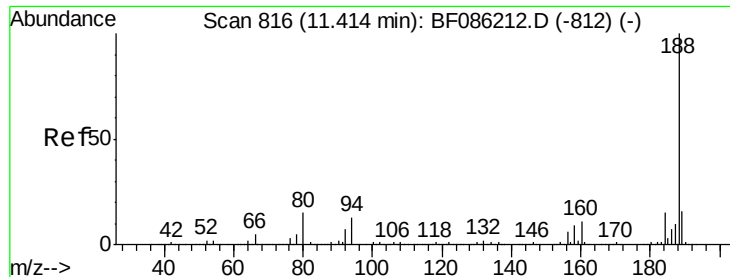
Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

Time-->

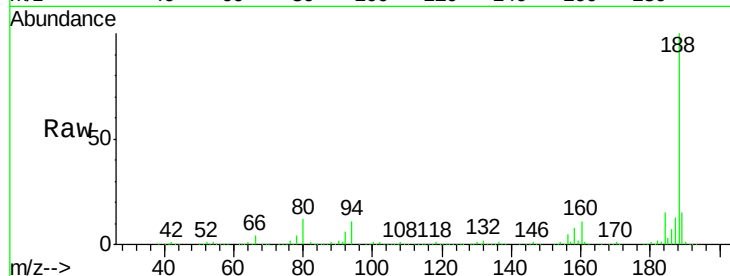




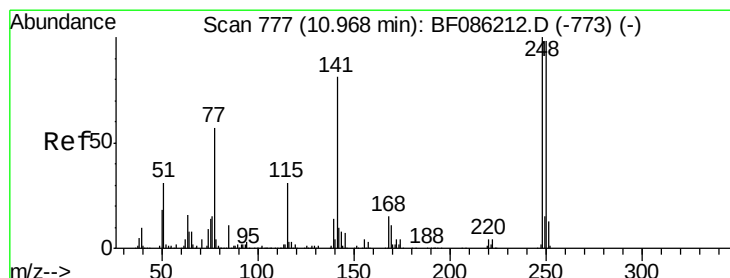
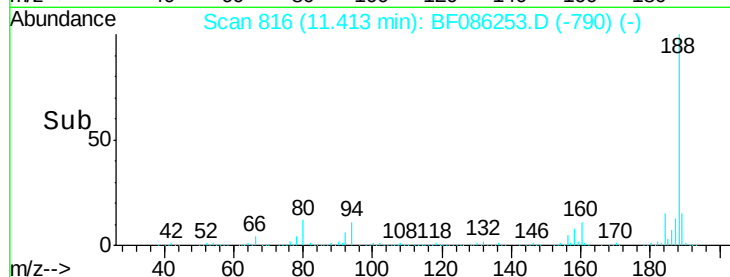
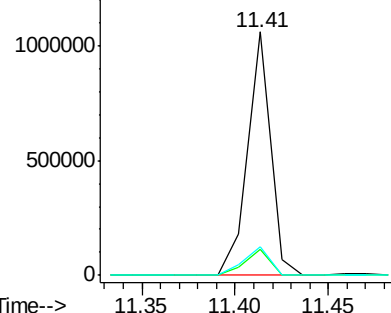
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.41 min Scan# 816
 Delta R.T. -0.00 min
 Lab File: BF086253.D
 Acq: 16 Apr 2016 9:20

Instrument :
 BNA_F
 ClientSampleId :
 B6GW

Tgt Ion:188 Resp: 902464
 Ion Ratio Lower Upper
 188 100
 94 10.7 9.8 14.8
 80 11.6 10.5 15.7

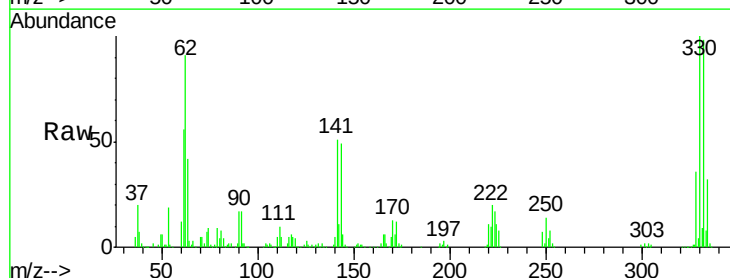


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

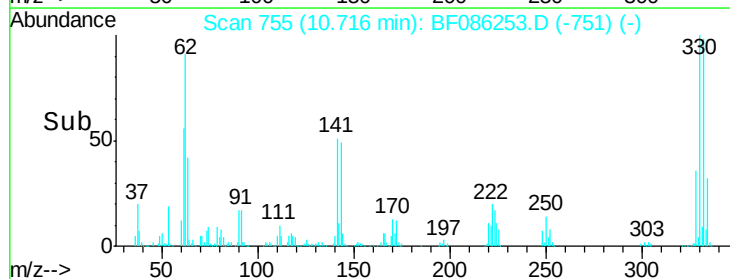
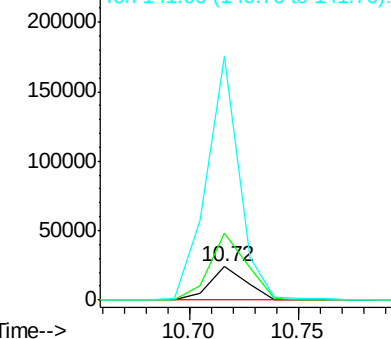


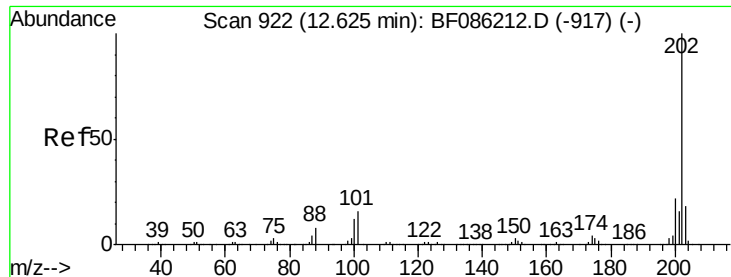
#66
 4-Bromophenyl-phenylether
 Concen: 3.30 ng
 RT: 10.72 min Scan# 755
 Delta R.T. -0.25 min
 Lab File: BF086253.D
 Acq: 16 Apr 2016 9:20

Tgt Ion:248 Resp: 27735
 Ion Ratio Lower Upper
 248 100
 250 201.3 78.6 118.0#
 141 724.8 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

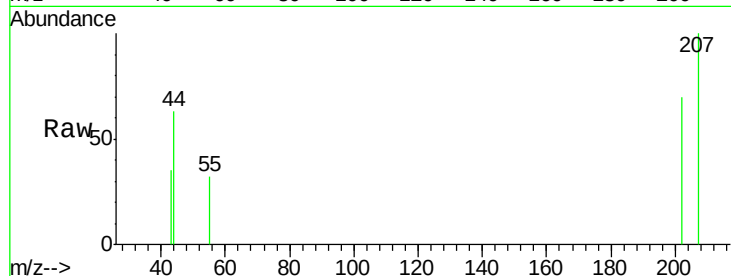




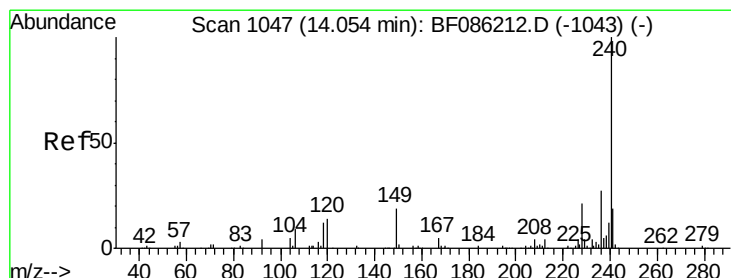
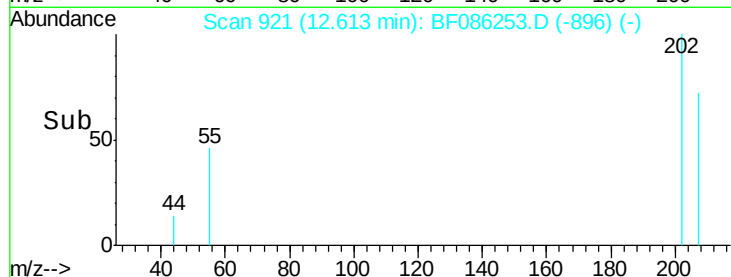
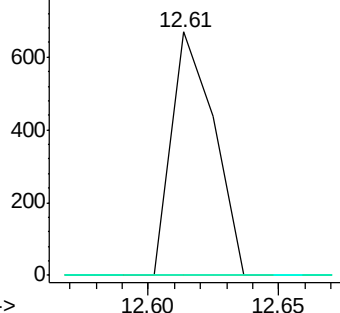
#74
 Fluoranthene
 Concen: Below Cal
 RT: 12.61 min Scan# 921
 Delta R.T. -0.01 min
 Lab File: BF086253.D
 Acq: 16 Apr 2016 9:20

Instrument :
 BNA_F
 ClientSampleId :
 B6GW

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

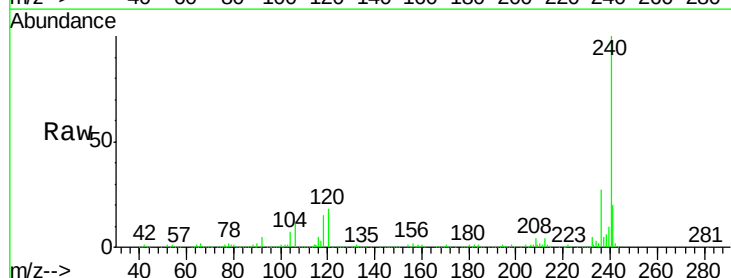


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

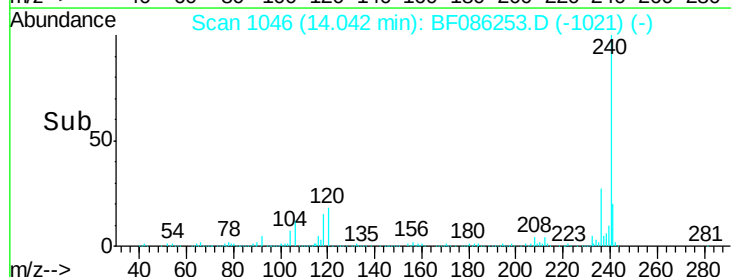
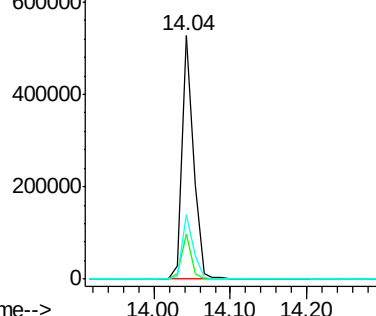


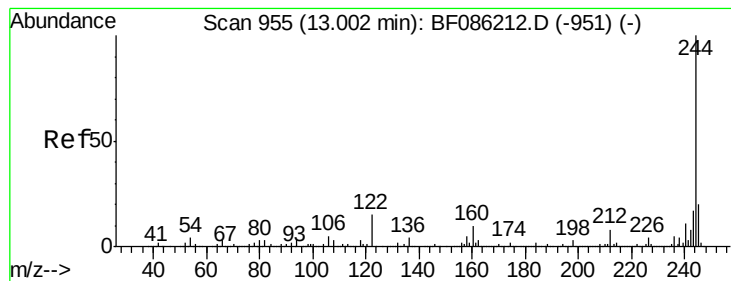
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.04 min Scan# 1046
 Delta R.T. -0.01 min
 Lab File: BF086253.D
 Acq: 16 Apr 2016 9:20

Tgt Ion	Ratio	Lower	Upper
240	100		
120	18.4	9.3	13.9#
236	26.6	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: 81.37 ng

RT: 13.00 min Scan# 955

Delta R.T. 0.00 min

Lab File: BF086253.D

Acq: 16 Apr 2016 9:20

Instrument :

BNA_F

ClientSampleId :

B6GW

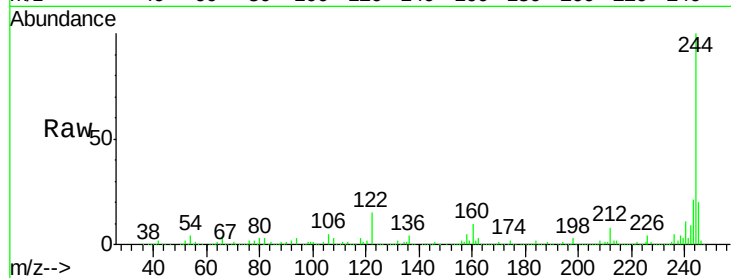
Tgt Ion:244 Resp: 1739636

Ion Ratio Lower Upper

244 100

212 7.9 6.4 9.6

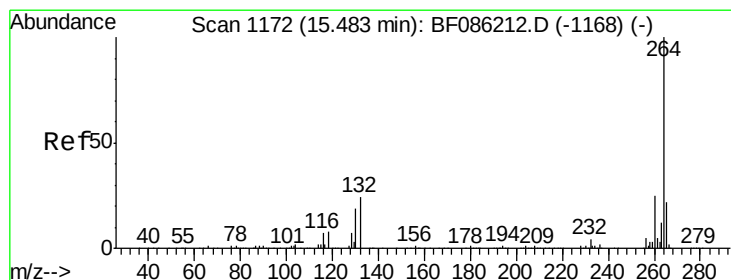
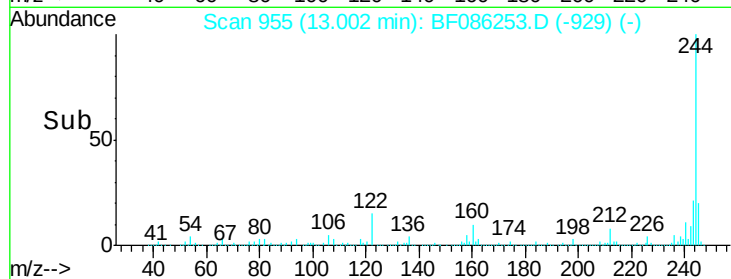
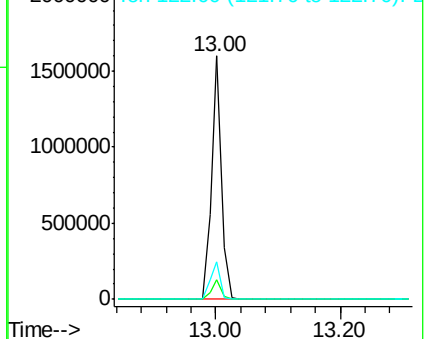
122 15.3 11.7 17.5



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.48 min Scan# 1172

Delta R.T. -0.00 min

Lab File: BF086253.D

Acq: 16 Apr 2016 9:20

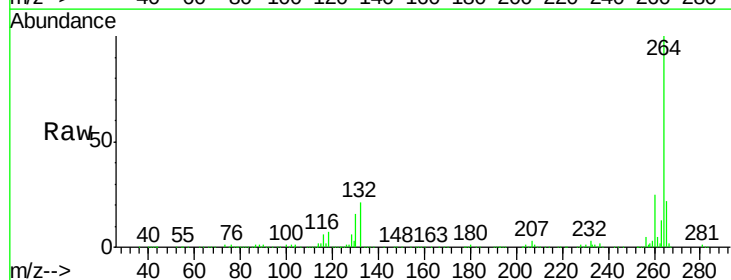
Tgt Ion:264 Resp: 457108

Ion Ratio Lower Upper

264 100

260 24.6 20.0 30.0

265 21.8 17.4 26.0



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

