

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051016\
 Data File : BF086870.D
 Acq On : 10 May 2016 20:10
 Operator : UM/SJ
 Sample : H2945-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-43-050616

Quant Time: May 11 03:45:03 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 09 16:04:56 2016
 Response via : Initial Calibration

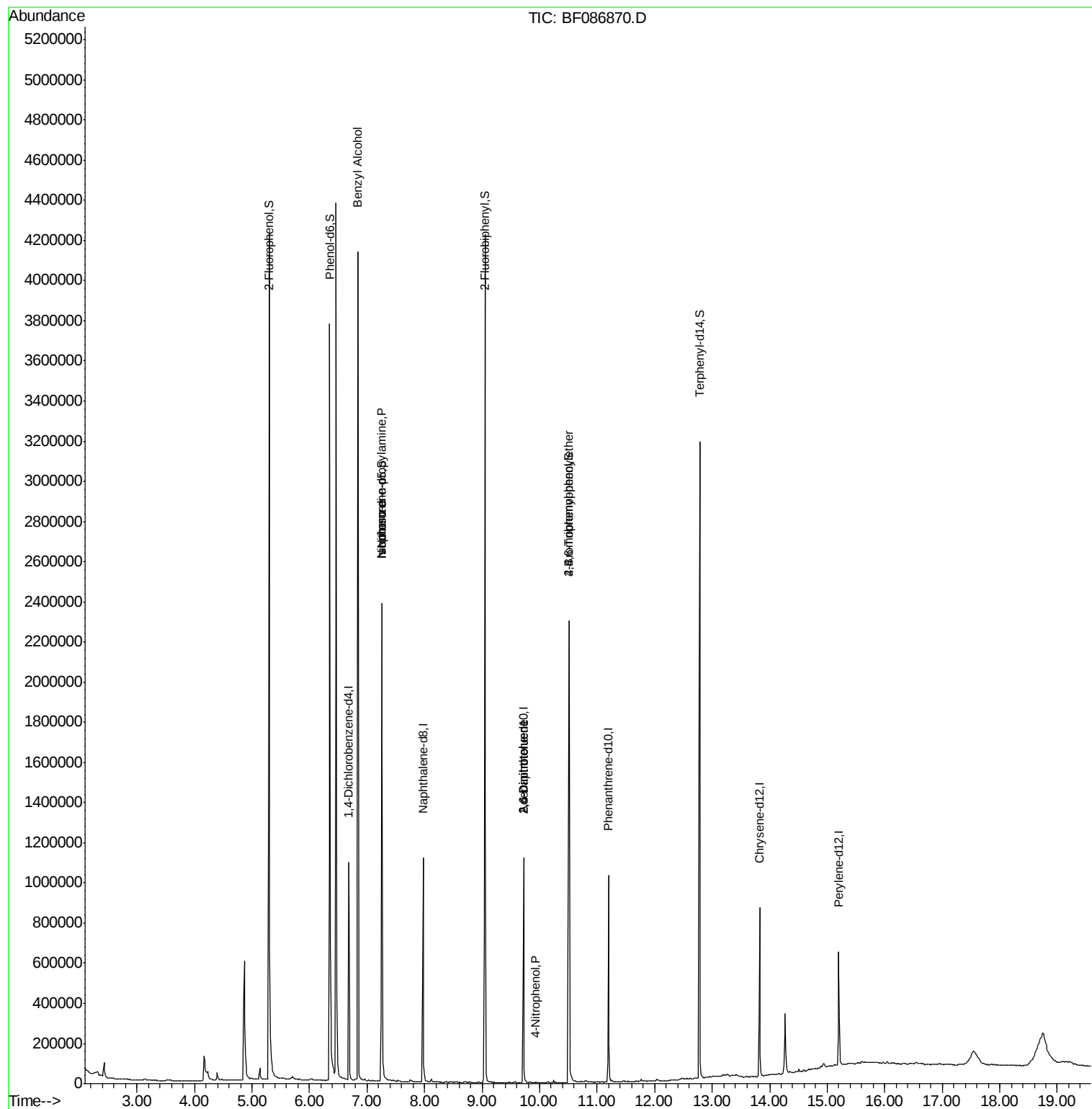
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	148132	20.00	ng	-0.01
21) Naphthalene-d8	7.97	136	550221	20.00	ng	-0.01
38) Acenaphthene-d10	9.72	164	231798	20.00	ng	-0.01
63) Phenanthrene-d10	11.20	188	352085	20.00	ng	-0.01
75) Chrysene-d12	13.83	240	308423	20.00	ng	-0.01
86) Perylene-d12	15.20	264	259913	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	1121692	128.24	ng	0.01
7) Phenol-d6	6.35	99	1285609	109.97	ng	-0.01
23) Nitrobenzene-d5	7.25	82	989760	90.32	ng	-0.01
41) 2,4,6-Tribromophenol	10.51	330	280882	114.46	ng	-0.01
44) 2-Fluorobiphenyl	9.05	172	1396207	101.23	ng	-0.01
78) Terphenyl-d14	12.79	244	1159675	79.78	ng	-0.01
Target Compounds						
15) Benzyl Alcohol	6.84	79	18655	2.31	ng	# 38
19) n-Nitroso-di-n-propylamine	7.25	70	135515	16.59	ng	# 69
25) Isophorone	7.25	82	920287	45.27	ng	# 68
50) 2,6-Dinitrotoluene	9.72	165	29233	7.85	ng	# 21
55) 4-Nitrophenol	9.93	139	208	4.64	ng	# 14
56) 2,4-Dinitrotoluene	9.72	165	29233	6.35	ng	# 16
66) 4-Bromophenyl-phenylether	10.51	248	18779	5.26	ng	# 1

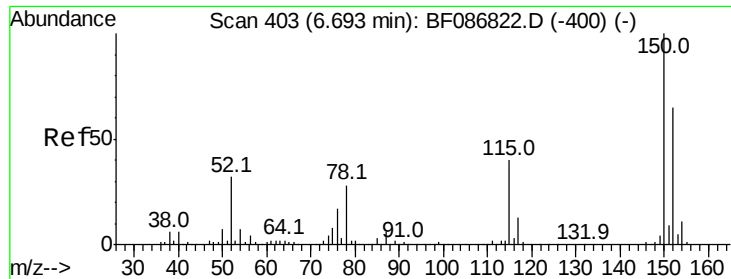
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HSR-WC-43-050616

Quant Time: May 11 03:45:03 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 09 16:04:56 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.68 min Scan# 402

Delta R.T. -0.01 min

Lab File: BF086870.D

Acq: 10 May 2016 20:10

Instrument :

BNA_F

ClientSampleId :

HSR-WC-43-050616

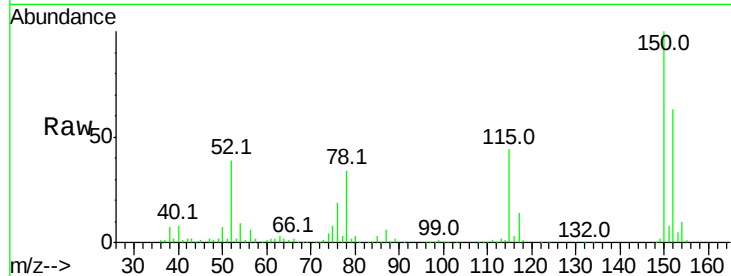
Tot Ion:152 Resp: 148132

Ion Ratio Lower Upper

152 100

150 160.0 125.8 188.6

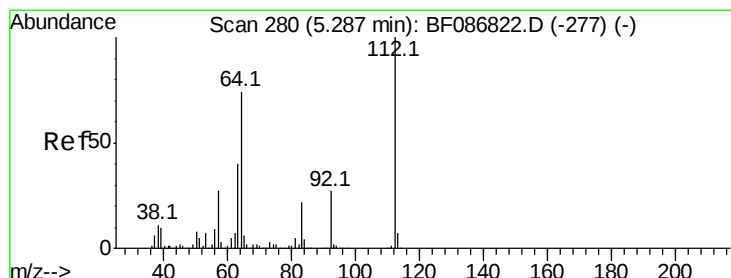
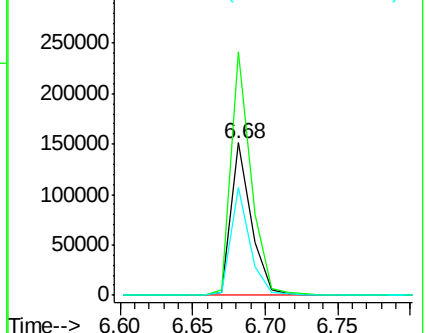
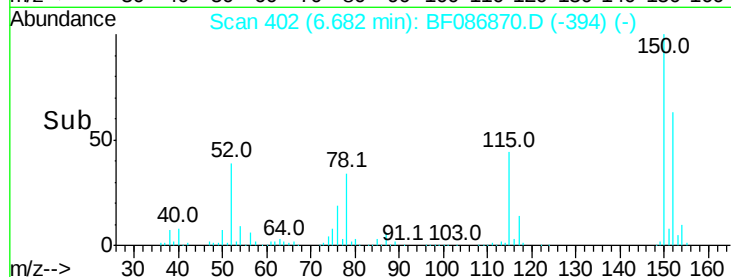
115 70.8 51.5 77.3



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: 128.24 ng

RT: 5.30 min Scan# 281

Delta R.T. 0.01 min

Lab File: BF086870.D

Acq: 10 May 2016 20:10

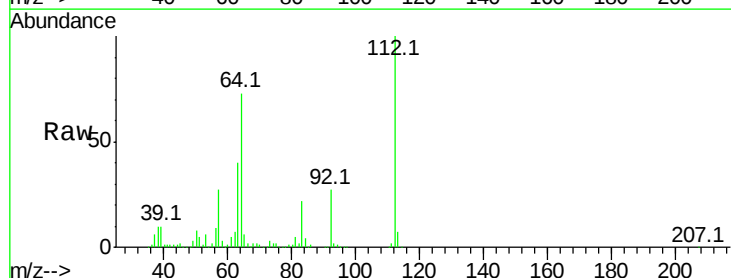
Tgt Ion:112 Resp: 1121692

Ion Ratio Lower Upper

112 100

64 73.3 52.1 78.1

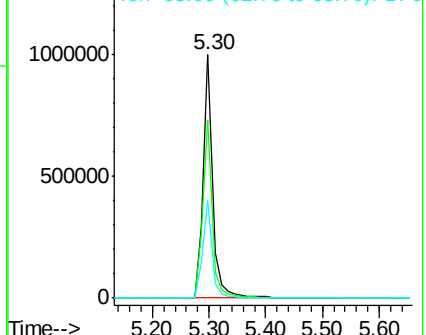
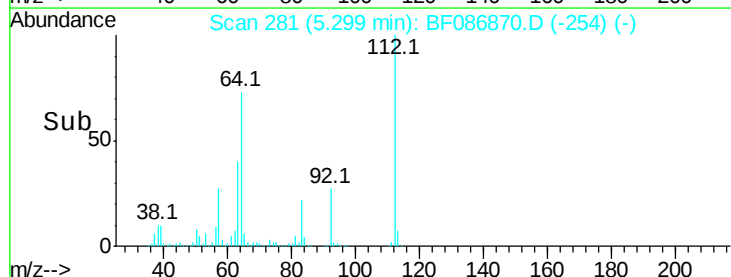
63 40.2 25.7 38.5

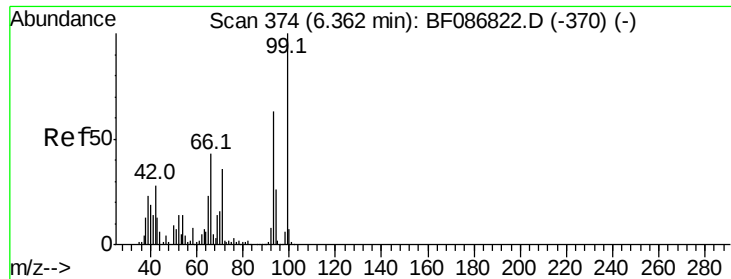


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 109.97 ng

RT: 6.35 min Scan# 373

Delta R.T. -0.01 min

Lab File: BF086870.D

Acq: 10 May 2016 20:10

Instrument :

BNA_F

ClientSampleId :

HSR-WC-43-050616

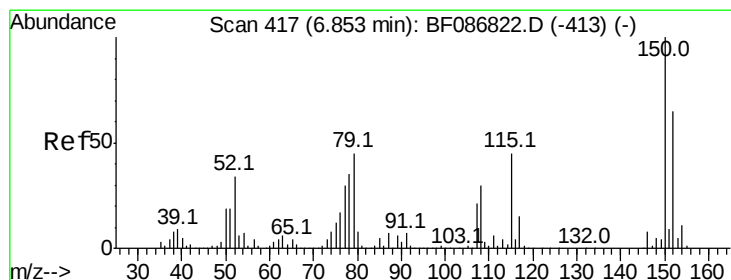
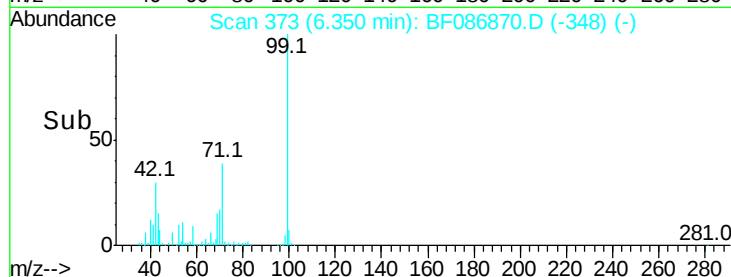
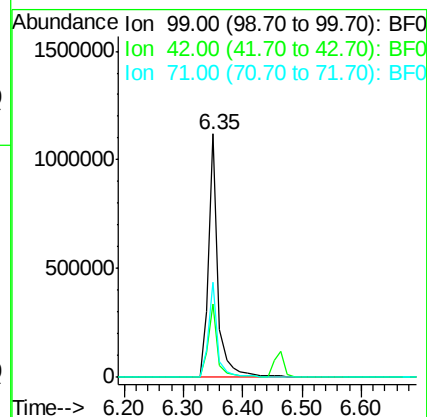
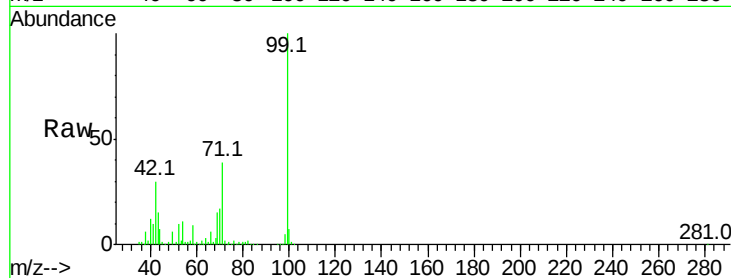
Tot Ion: 99 Resp: 1285609

Ion Ratio Lower Upper

99 100

42 30.4 13.6 20.4#

71 39.3 24.6 36.8#



#15

Benzyl Alcohol

Concen: 2.31 ng

RT: 6.84 min Scan# 416

Delta R.T. -0.01 min

Lab File: BF086870.D

Acq: 10 May 2016 20:10

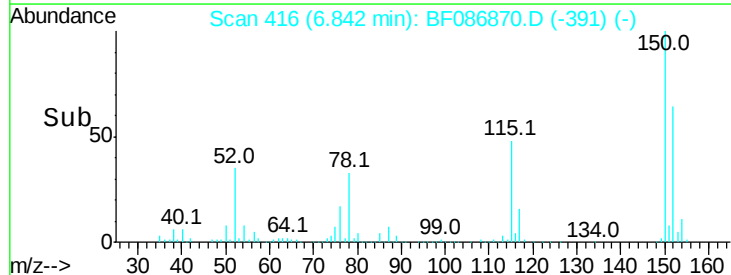
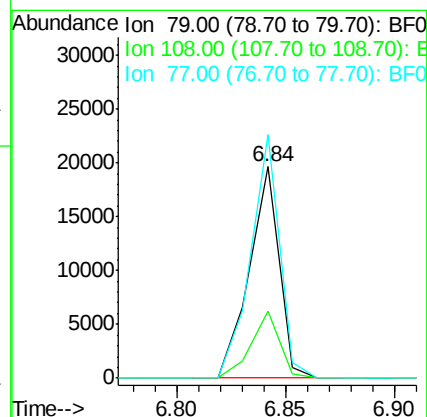
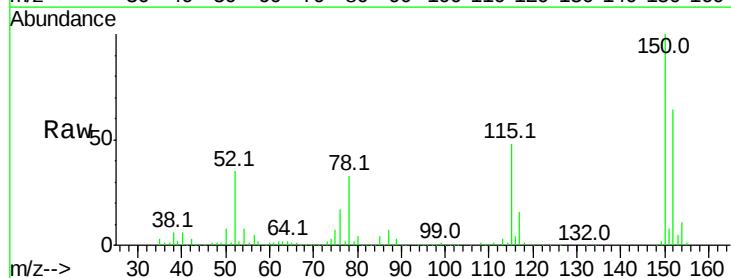
Tgt Ion: 79 Resp: 18655

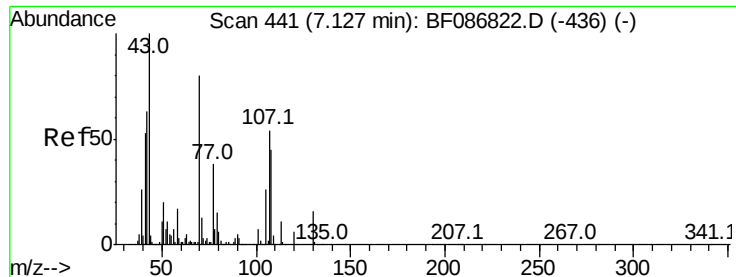
Ion Ratio Lower Upper

79 100

108 31.9 68.4 102.6#

77 115.1 50.6 76.0#

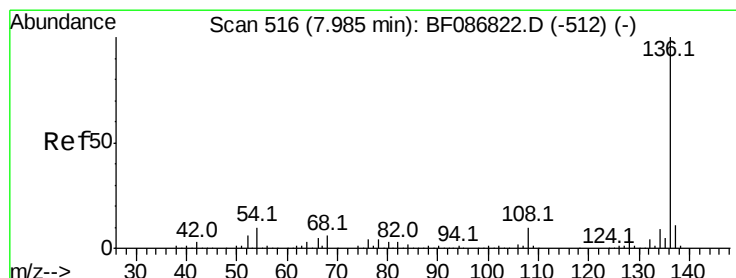
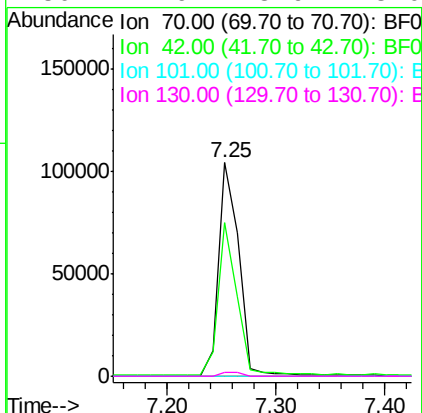
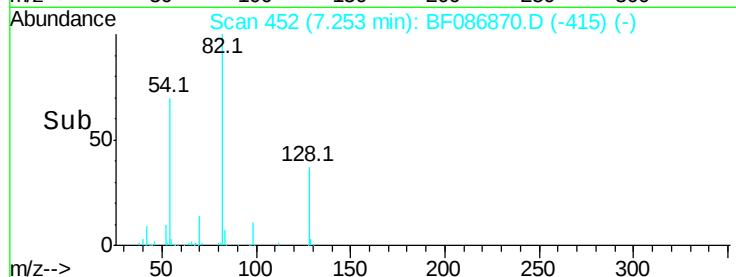
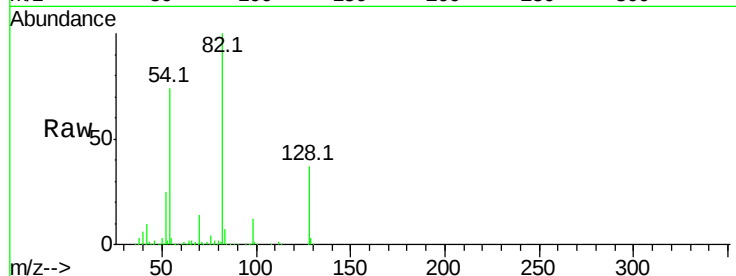




#19
n-Nitroso-di-n-propylamine
Concen: 16.59 ng
RT: 7.25 min Scan# 452
Delta R.T. 0.13 min
Lab File: BF086870.D
Acq: 10 May 2016 20:10

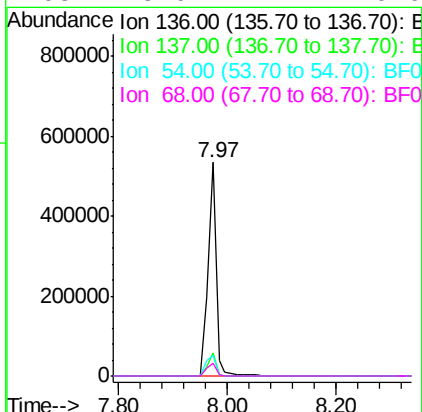
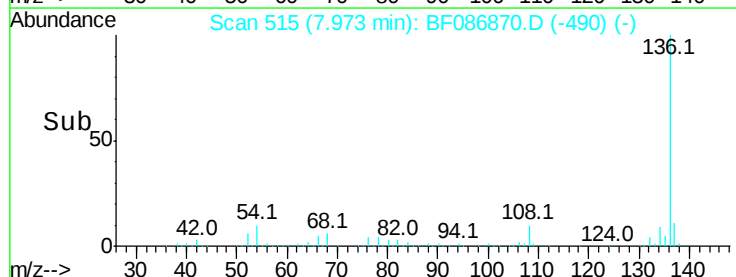
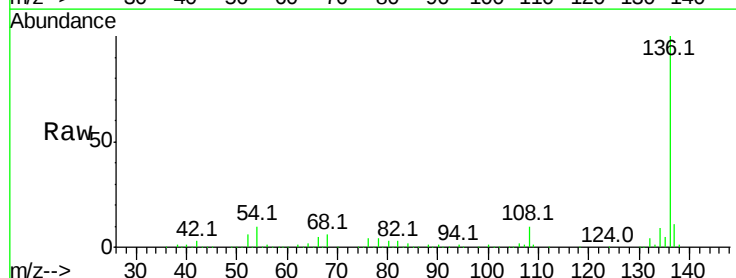
Instrument :
BNA_F
ClientSampleId :
HSR-WC-43-050616

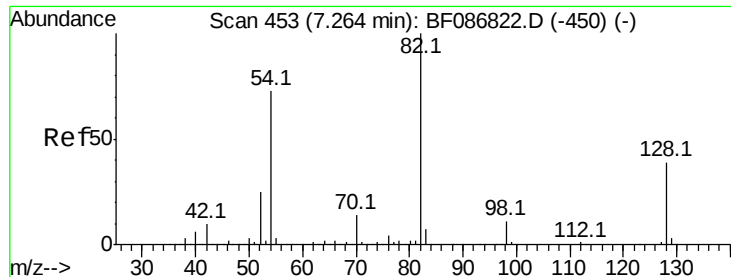
Tot Ion: 70 Resp: 135515
Ion Ratio Lower Upper
70 100
42 72.2 43.1 64.7#
101 0.0 8.1 12.1#
130 1.6 18.6 28.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.97 min Scan# 515
Delta R.T. -0.01 min
Lab File: BF086870.D
Acq: 10 May 2016 20:10

Tgt Ion:136 Resp: 550221
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 9.9 5.0 7.4#
68 5.9 4.4 6.6

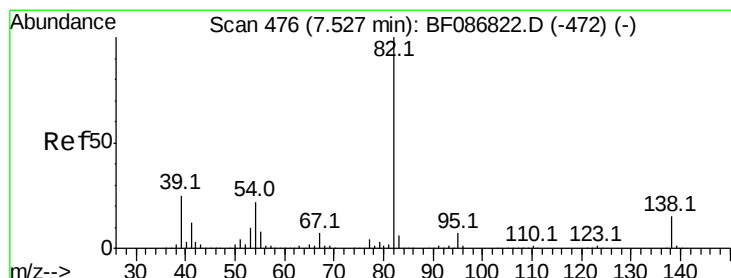
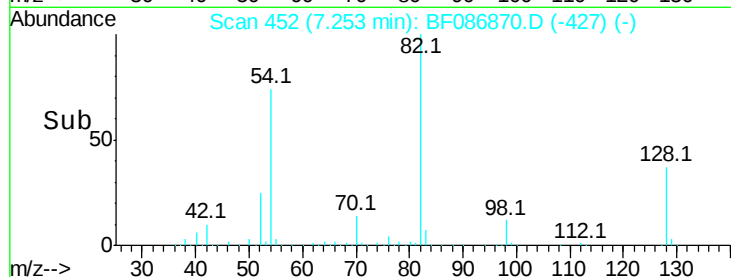
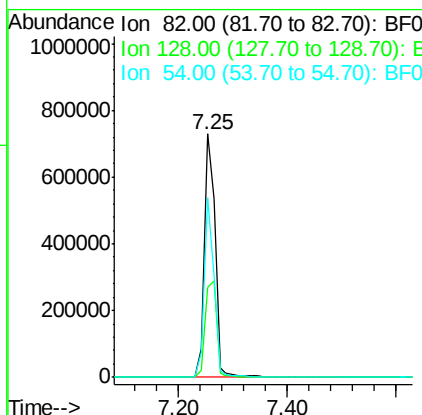
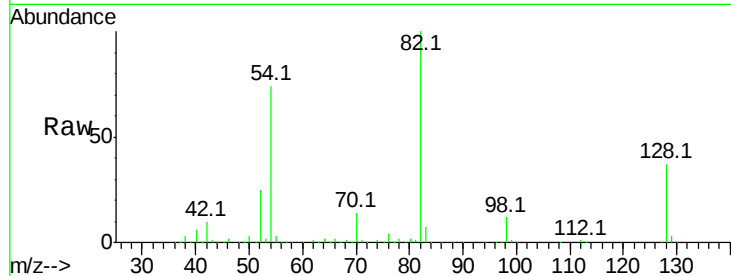




#23
 Nitrobenzene-d5
 Concen: 90.32 ng
 RT: 7.25 min Scan# 452
 Delta R.T. -0.01 min
 Lab File: BF086870.D
 Acq: 10 May 2016 20:10

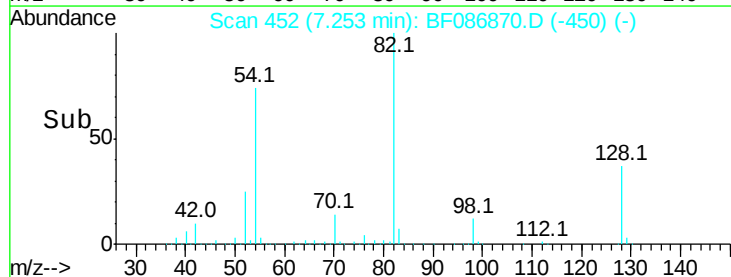
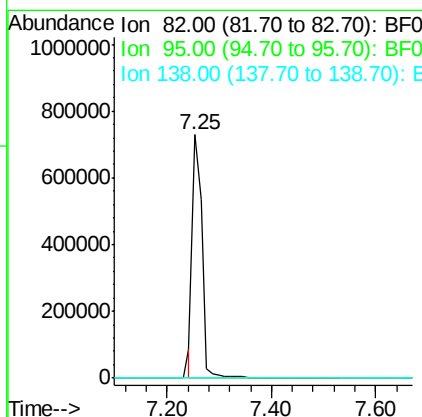
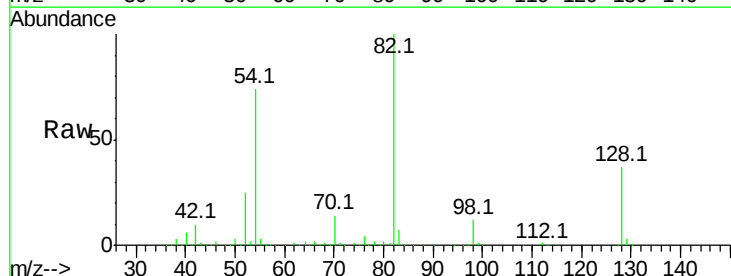
Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-43-050616

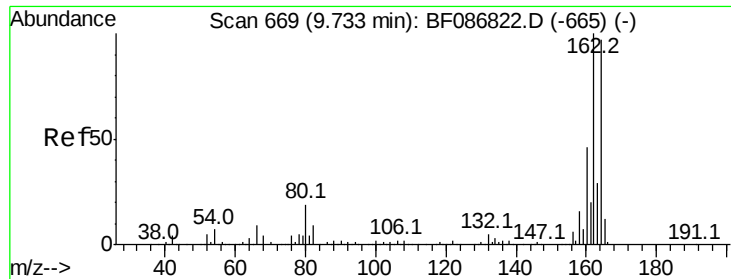
Tot Ion	82	Resp	989760
Ion Ratio	100	Lower	Upper
128	36.7	40.6	61.0#
54	73.9	38.1	57.1#



#25
 Isophorone
 Concen: 45.27 ng
 RT: 7.25 min Scan# 452
 Delta R.T. -0.27 min
 Lab File: BF086870.D
 Acq: 10 May 2016 20:10

Tgt Ion	82	Resp	920287
Ion Ratio	100	Lower	Upper
95	0.0	5.1	7.7#
138	0.0	12.4	18.6#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.72 min Scan# 668

Delta R.T. -0.01 min

Lab File: BF086870.D

Acq: 10 May 2016 20:10

Instrument :

BNA_F

ClientSampleId :

HSR-WC-43-050616

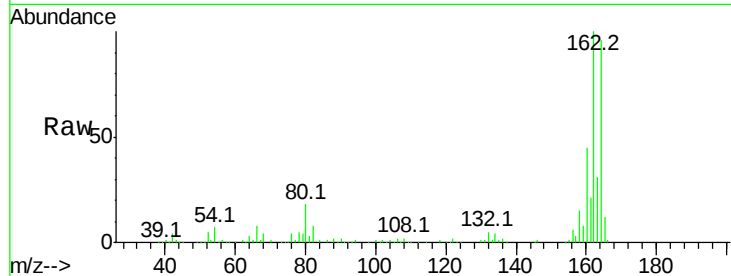
Tot Ion:164 Resp: 231798

Ion Ratio Lower Upper

164 100

162 104.3 82.8 124.2

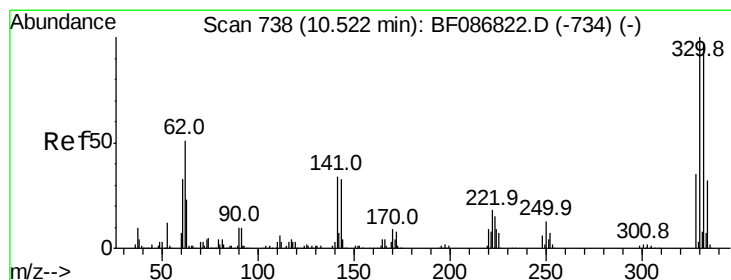
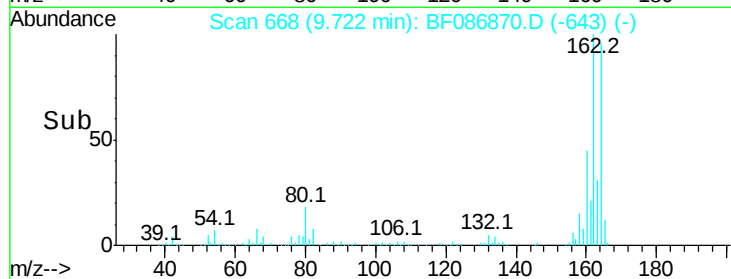
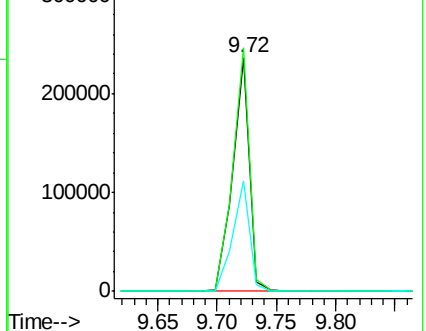
160 47.4 36.9 55.3



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: 114.46 ng

RT: 10.51 min Scan# 737

Delta R.T. -0.01 min

Lab File: BF086870.D

Acq: 10 May 2016 20:10

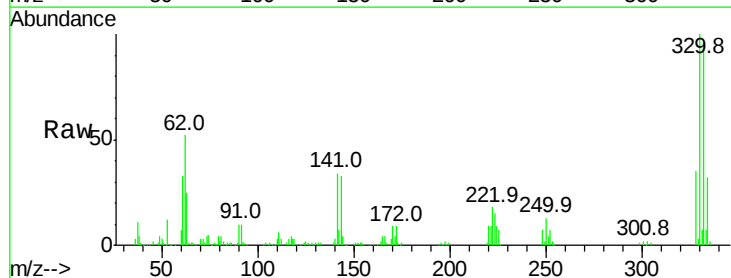
Tgt Ion:330 Resp: 280882

Ion Ratio Lower Upper

330 100

332 96.3 79.0 118.4

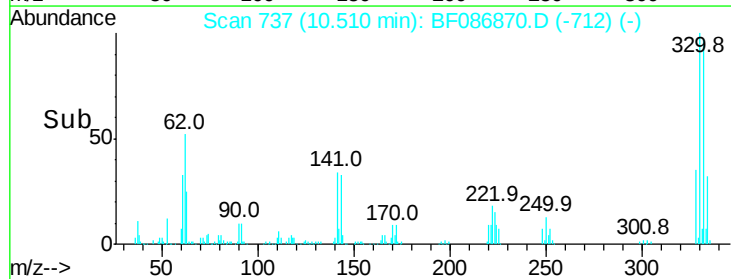
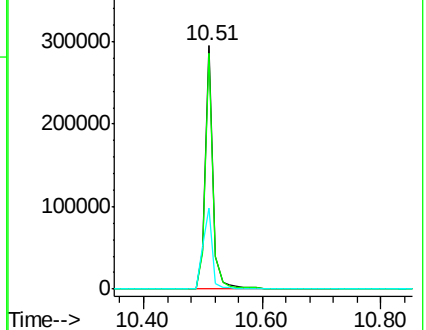
141 40.4 31.2 46.8

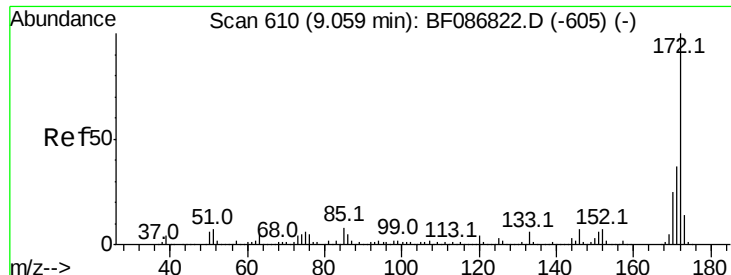


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



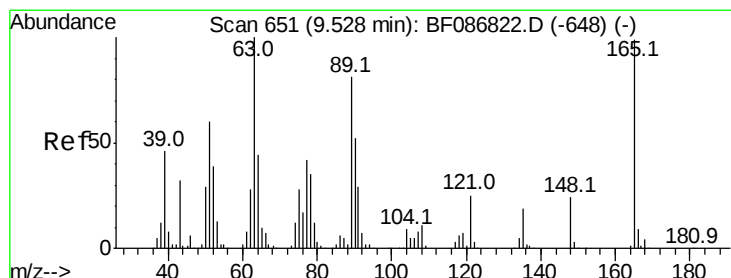
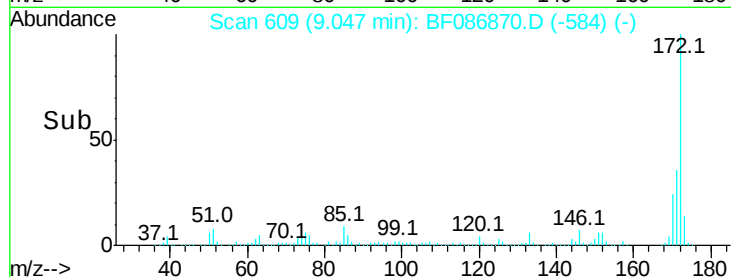
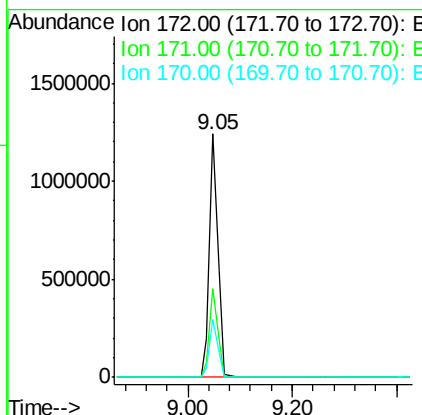
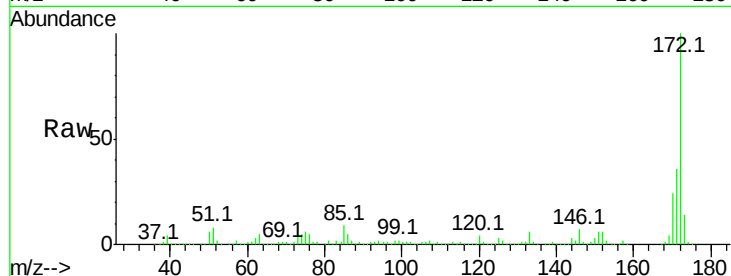


#44
 2-Fluorobiphenyl
 Concen: 101.23 ng
 RT: 9.05 min Scan# 609
 Delta R.T. -0.01 min
 Lab File: BF086870.D
 Acq: 10 May 2016 20:10

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-43-050616

Tot Ion:172 Resp: 1396207

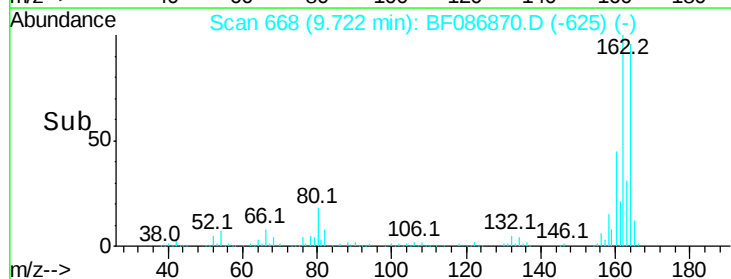
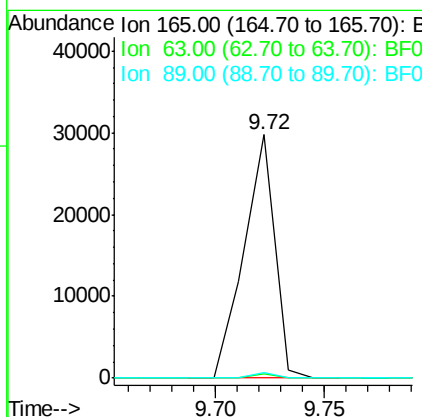
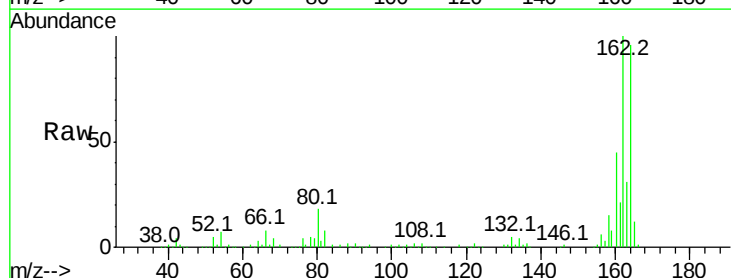
Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.0	43.6
170	24.1	19.8	29.8

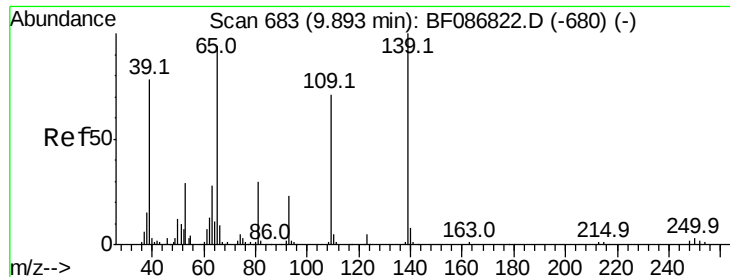


#50
 2,6-Dinitrotoluene
 Concen: 7.85 ng
 RT: 9.72 min Scan# 668
 Delta R.T. 0.19 min
 Lab File: BF086870.D
 Acq: 10 May 2016 20:10

Tgt Ion:165 Resp: 29233

Ion	Ratio	Lower	Upper
165	100		
63	1.8	51.8	77.8#
89	2.3	50.7	76.1#





#55

4-Nitrophenol

Concen: 4.64 ng

RT: 9.93 min Scan# 686

Delta R.T. 0.03 min

Lab File: BF086870.D

Acq: 10 May 2016 20:10

Instrument :

BNA_F

ClientSampleId :

HSR-WC-43-050616

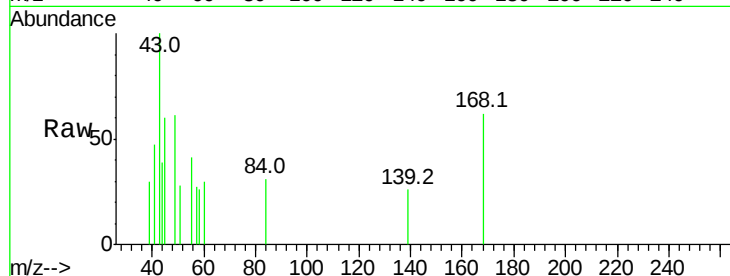
Tot Ion:139 Resp: 208

Ion Ratio Lower Upper

139 100

109 0.0 36.9 76.9#

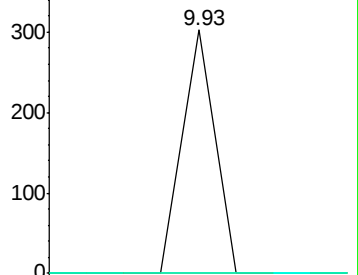
65 0.0 64.0 104.0#



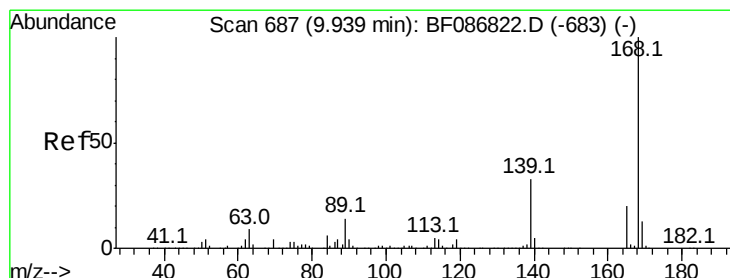
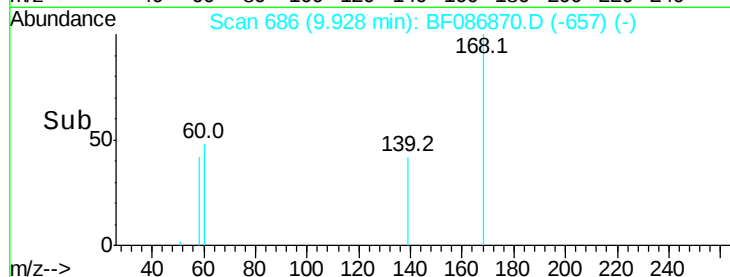
Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



Time-->



#56

2,4-Dinitrotoluene

Concen: 6.35 ng

RT: 9.72 min Scan# 668

Delta R.T. -0.22 min

Lab File: BF086870.D

Acq: 10 May 2016 20:10

Tgt Ion:165 Resp: 29233

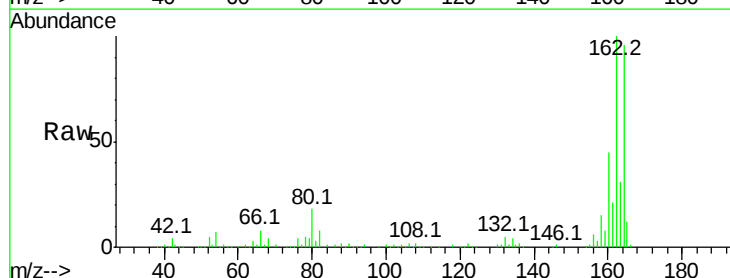
Ion Ratio Lower Upper

165 100

63 1.8 44.3 66.5#

89 2.3 70.0 105.0#

182 0.0 1.8 2.6#

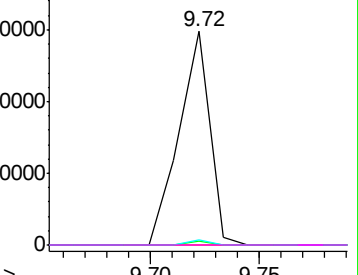


Abundance Ion 165.00 (164.70 to 165.70): E

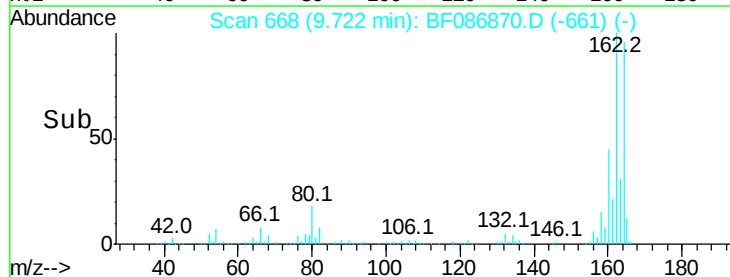
Ion 63.00 (62.70 to 63.70): BF0

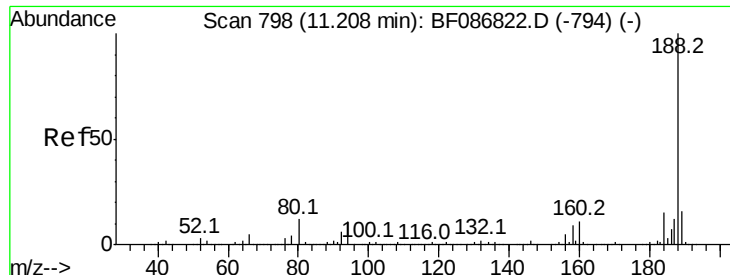
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



Time-->

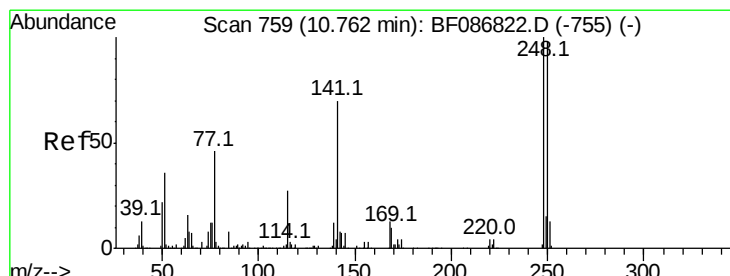
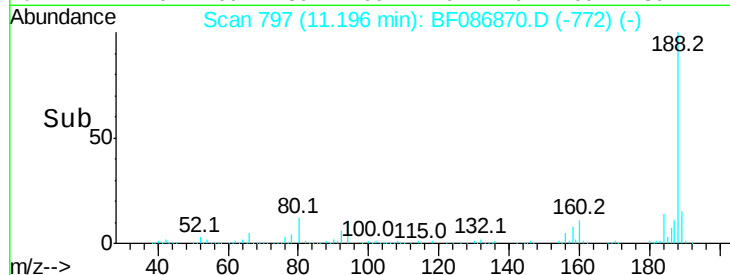
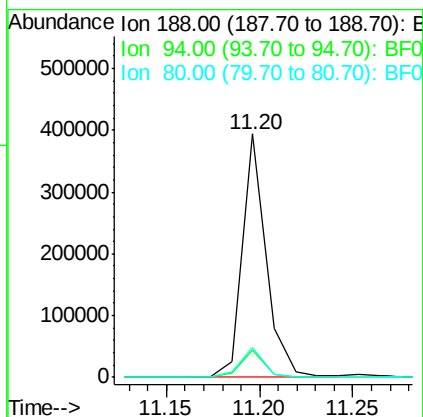
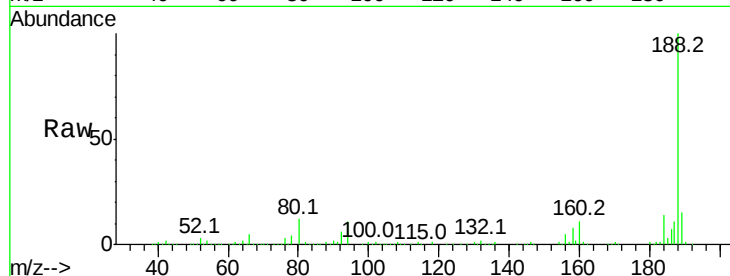




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.20 min Scan# 797
 Delta R.T. -0.01 min
 Lab File: BF086870.D
 Acq: 10 May 2016 20:10

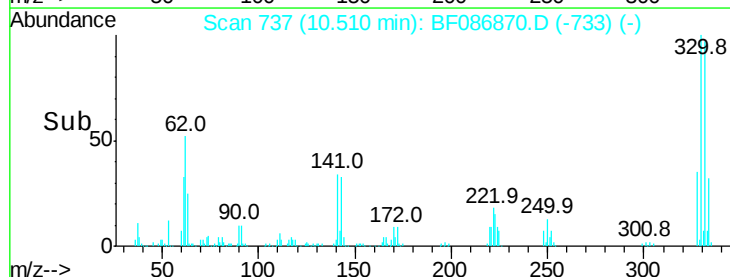
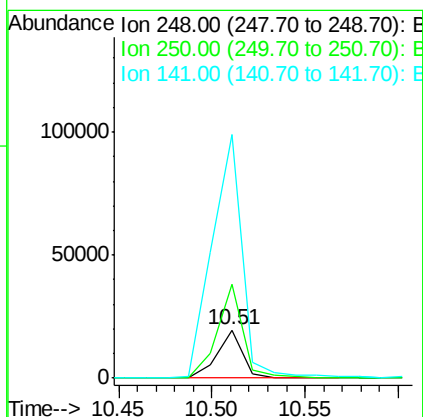
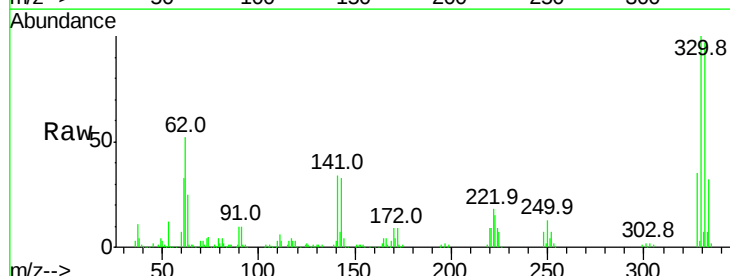
Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-43-050616

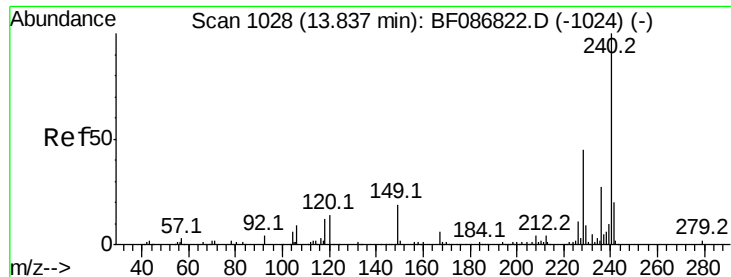
Tot Ion:188 Resp: 352085
 Ion Ratio Lower Upper
 188 100
 94 11.1 6.8 10.2#
 80 12.0 7.1 10.7#



#66
 4-Bromophenyl-phenylether
 Concen: 5.26 ng
 RT: 10.51 min Scan# 737
 Delta R.T. -0.25 min
 Lab File: BF086870.D
 Acq: 10 May 2016 20:10

Tgt Ion:248 Resp: 18779
 Ion Ratio Lower Upper
 248 100
 250 194.7 78.6 117.8#
 141 504.5 76.0 114.0#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.83 min Scan# 1027

Delta R.T. -0.01 min

Lab File: BF086870.D

Acq: 10 May 2016 20:10

Instrument :

BNA_F

ClientSampleId :

HSR-WC-43-050616

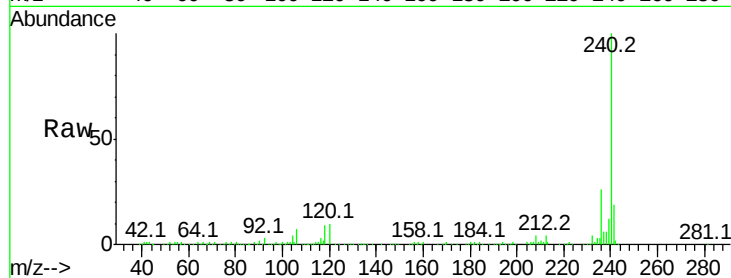
Tot Ion:240 Resp: 308423

Ion Ratio Lower Upper

240 100

120 10.3 11.2 16.8#

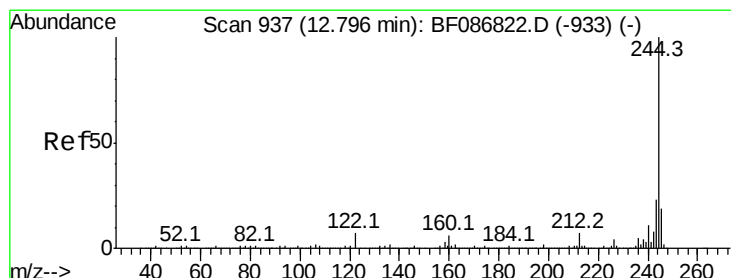
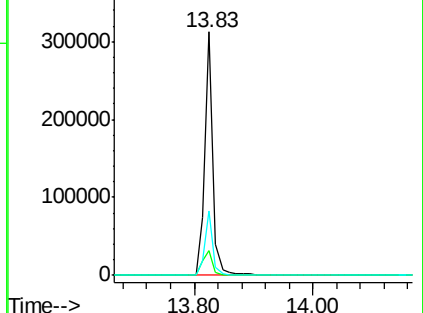
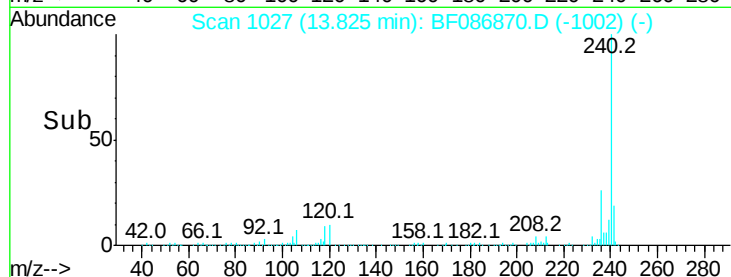
236 26.3 21.2 31.8



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: 79.78 ng

RT: 12.79 min Scan# 936

Delta R.T. -0.01 min

Lab File: BF086870.D

Acq: 10 May 2016 20:10

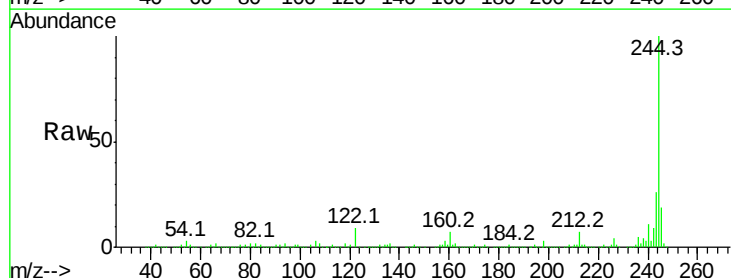
Tgt Ion:244 Resp: 1159675

Ion Ratio Lower Upper

244 100

212 7.4 6.2 9.2

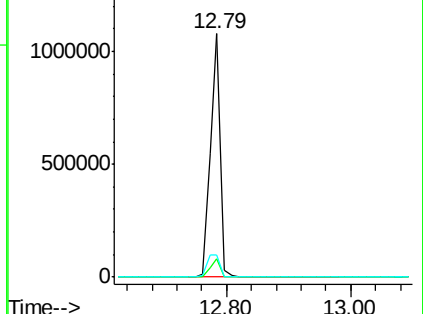
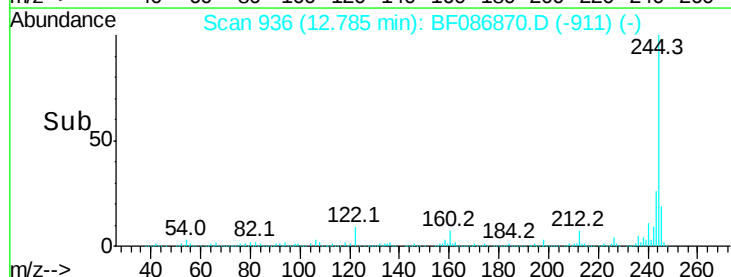
122 9.2 12.0 18.0#

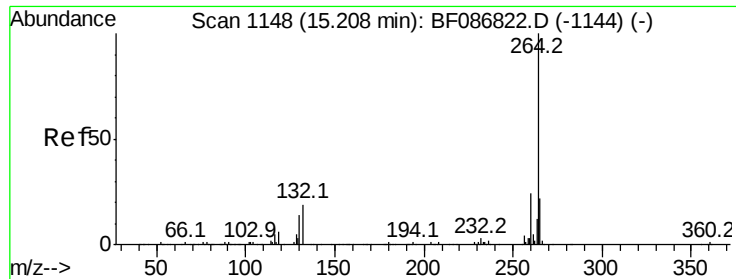


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.20 min Scan# 1147
Delta R.T. -0.01 min
Lab File: BF086870.D
Acq: 10 May 2016 20:10

Instrument :
BNA_F
ClientSampleId :
HSR-WC-43-050616

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.5	29.3
265	21.0	17.3	25.9

