

Data Path : Z:\HPCHEM1\BNA F\Data\BF051016\
 Data File : BF086886.D
 Acq On : 11 May 2016 7:35
 Operator : UM/SJ
 Sample : H2916-09
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 11 11:40:34 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

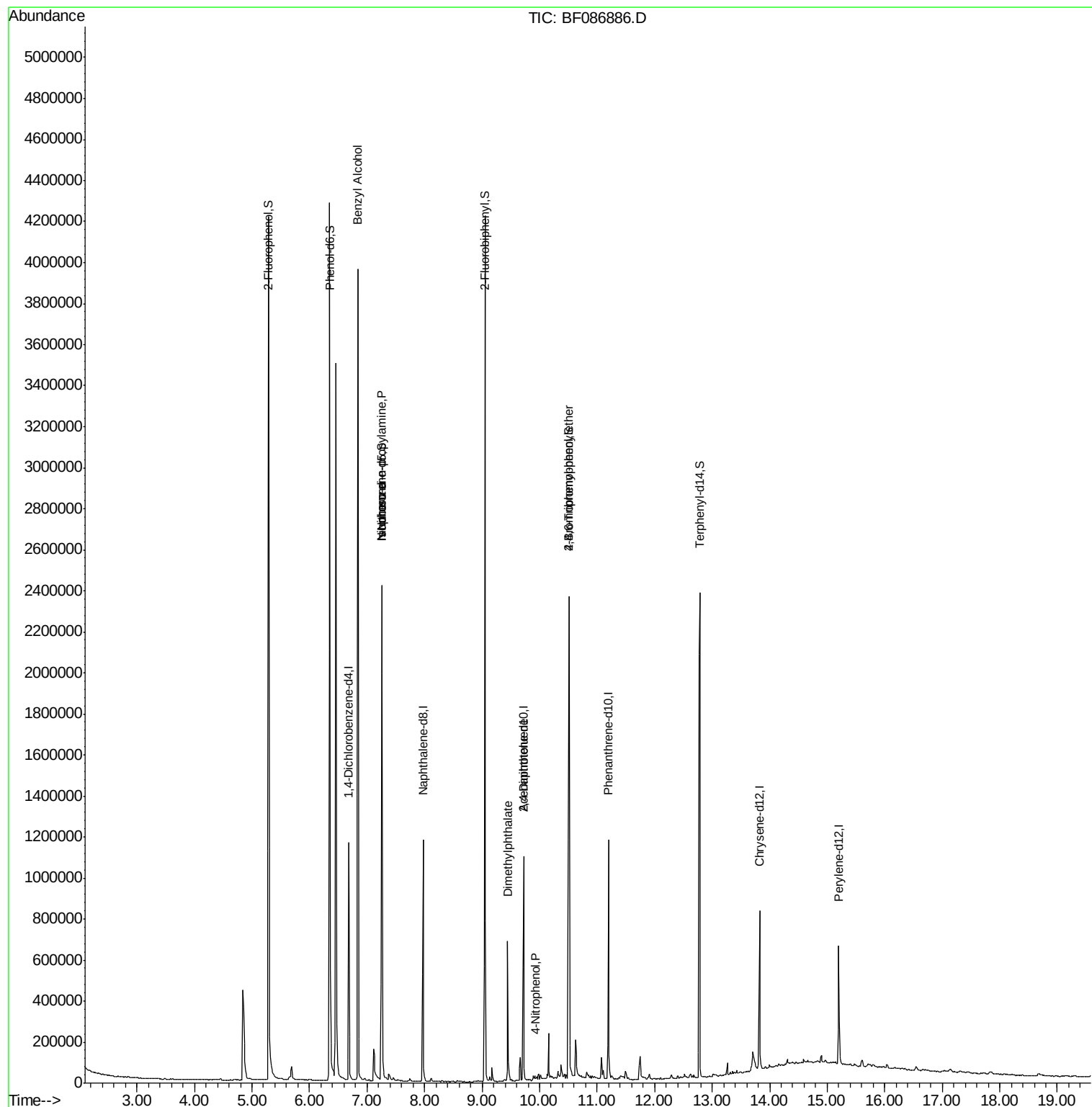
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	151474	20.00	ng	-0.01
21) Naphthalene-d8	7.97	136	570358	20.00	ng	-0.01
38) Acenaphthene-d10	9.72	164	235705	20.00	ng	-0.01
63) Phenanthrene-d10	11.20	188	383363	20.00	ng	-0.01
75) Chrysene-d12	13.83	240	297136	20.00	ng	-0.01
86) Perylene-d12	15.20	264	249519	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	1172861	131.13	ng	0.00
7) Phenol-d6	6.35	99	1523763	127.47	ng	-0.01
23) Nitrobenzene-d5	7.25	82	1082574	95.31	ng	-0.01
41) 2,4,6-Tribromophenol	10.51	330	302941	121.40	ng	-0.01
44) 2-Fluorobiphenyl	9.05	172	1195013	85.21	ng	-0.01
78) Terphenyl-d14	12.79	244	1012208	72.28	ng	-0.01
Target Compounds						
15) Benzyl Alcohol	6.84	79	19031	2.31	ng	# 42
19) n-Nitroso-di-n-propylamine	7.25	70	149592	17.91	ng	# 69
25) Isophorone	7.25	82	978219	46.42	ng	# 68
49) Dimethylphthalate	9.45	163	233856	13.00	ng	100
55) 4-Nitrophenol	9.93	139	236	4.64	ng	# 14
56) 2,4-Dinitrotoluene	9.72	165	29884	6.38	ng	# 17
66) 4-Bromophenyl-phenylether	10.51	248	18880	4.86	ng	# 1

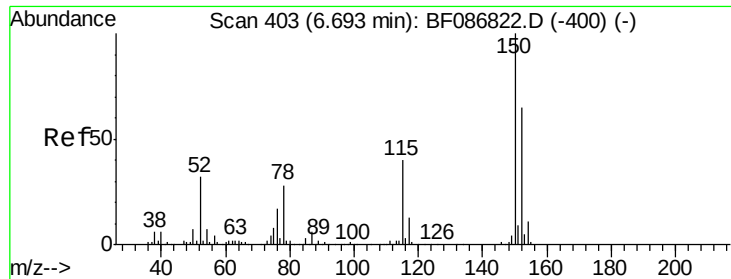
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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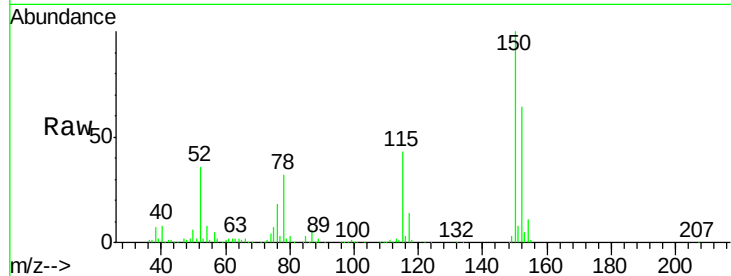


#1

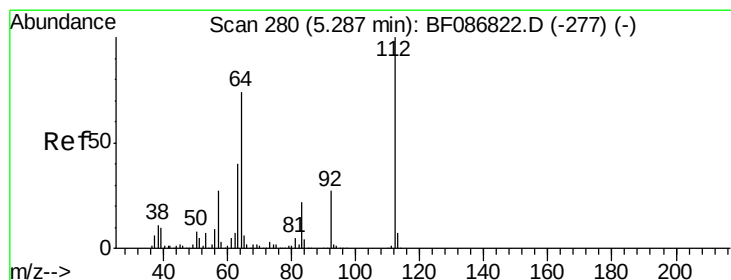
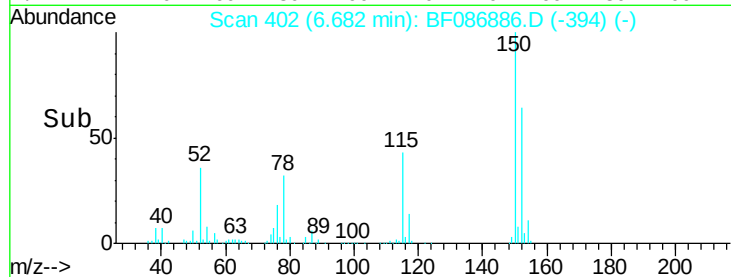
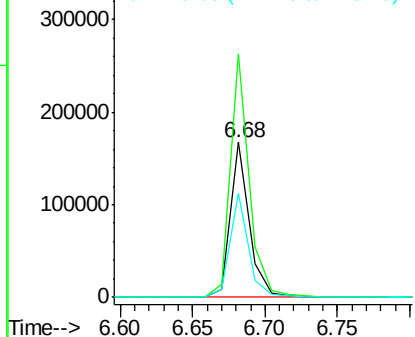
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.68 min Scan# 402
Delta R.T. -0.01 min
Lab File: BF086886.D
Acq: 11 May 2016 7:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 151474
Ion Ratio Lower Upper
152 100
150 156.9 125.8 188.6
115 67.1 51.5 77.3



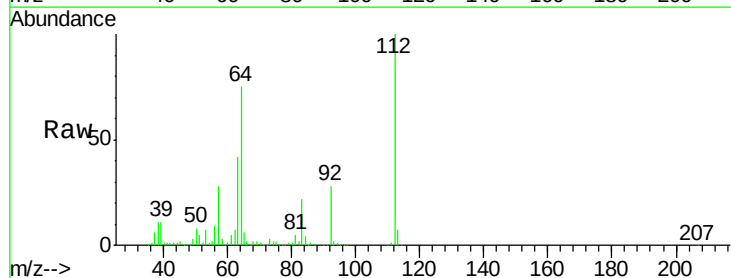
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



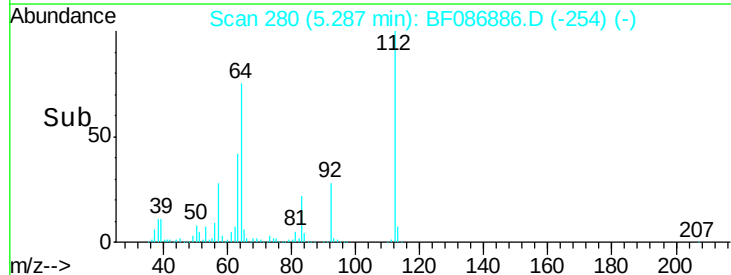
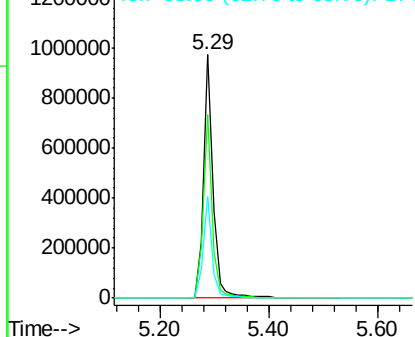
#5

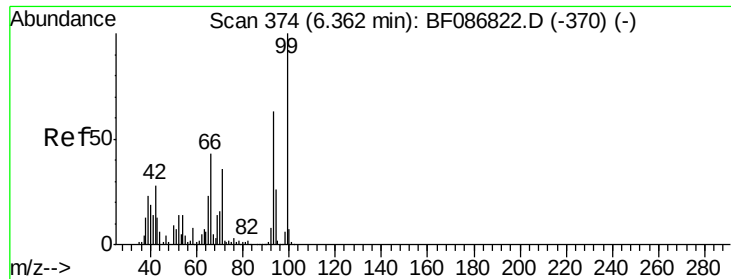
2-Fluorophenol
Concen: 131.13 ng
RT: 5.29 min Scan# 280
Delta R.T. 0.00 min
Lab File: BF086886.D
Acq: 11 May 2016 7:35

Tgt Ion:112 Resp: 1172861
Ion Ratio Lower Upper
112 100
64 75.4 52.1 78.1
63 41.6 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: 127.47 ng

RT: 6.35 min Scan# 373

Delta R.T. -0.01 min

Lab File: BF086886.D

Acq: 11 May 2016 7:35

Instrument :

BNA_F

ClientSampleId :

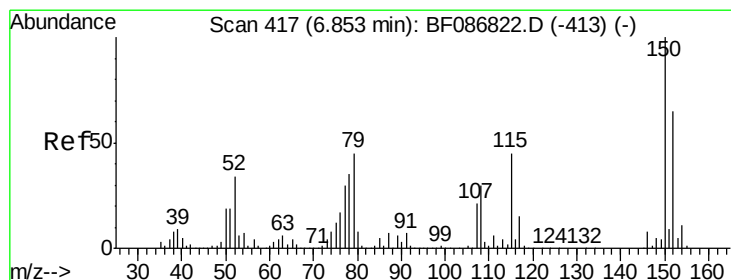
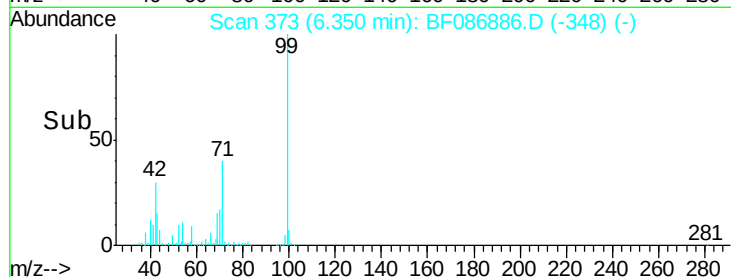
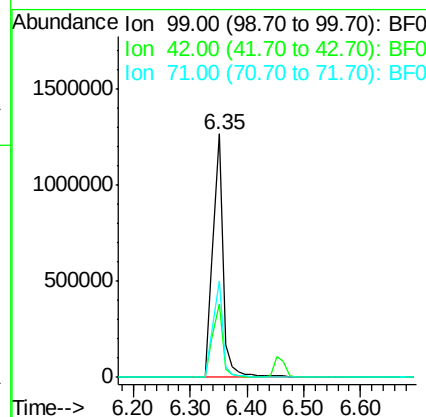
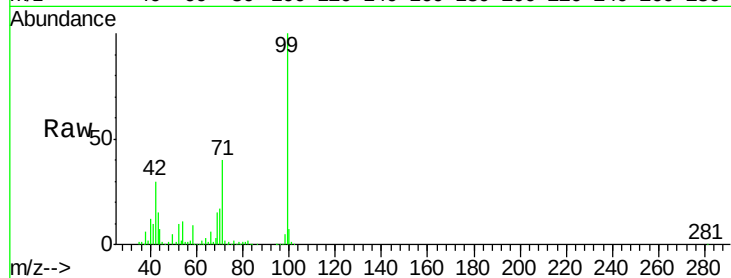
Tot Ion: 99 Resp: 1523763

Ion Ratio Lower Upper

99 100

42 30.4 13.6 20.4#

71 39.5 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: BF086886.D

Acq: 11 May 2016 7:35

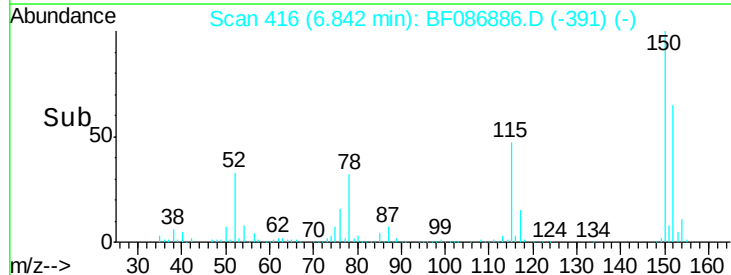
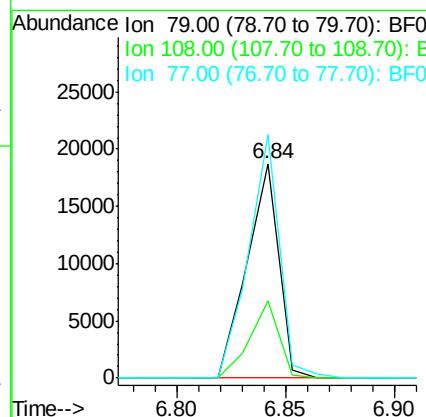
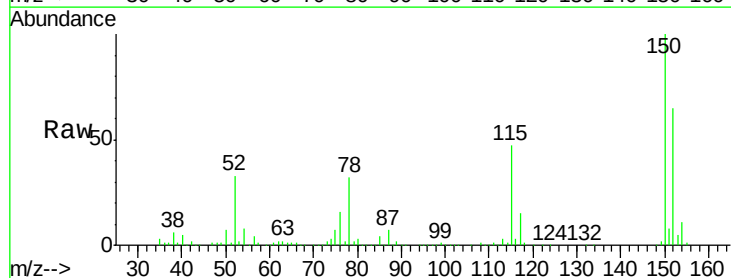
Tgt Ion: 79 Resp: 19031

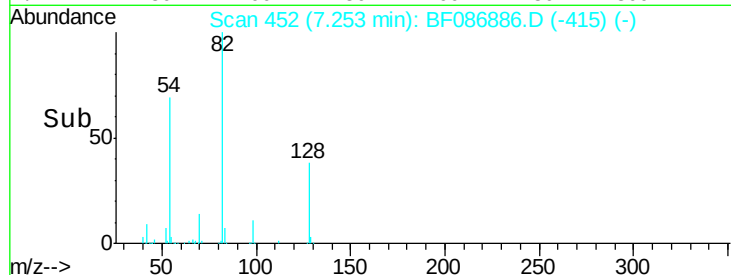
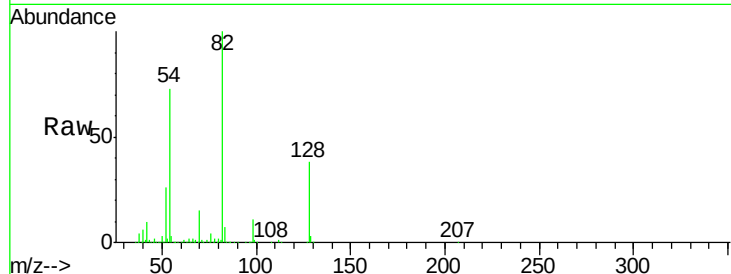
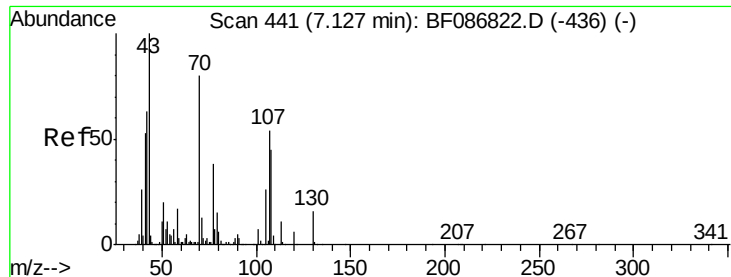
Ion Ratio Lower Upper

79 100

108 36.0 68.4 102.6#

77 113.4 50.6 76.0#

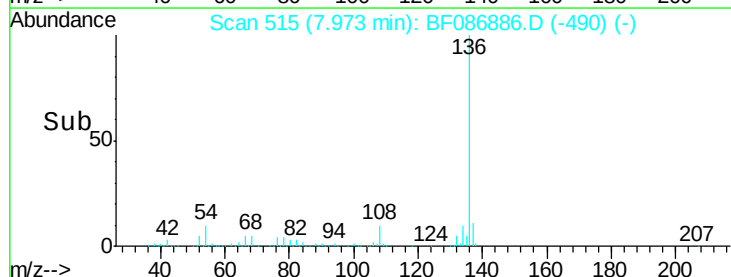
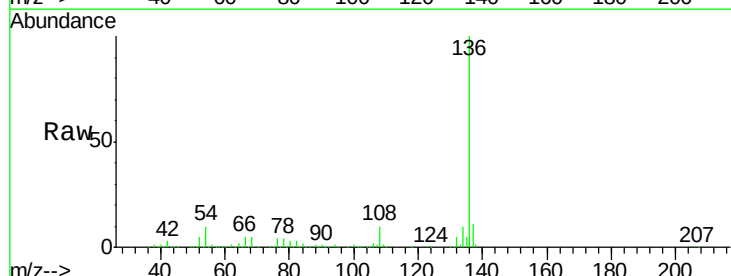
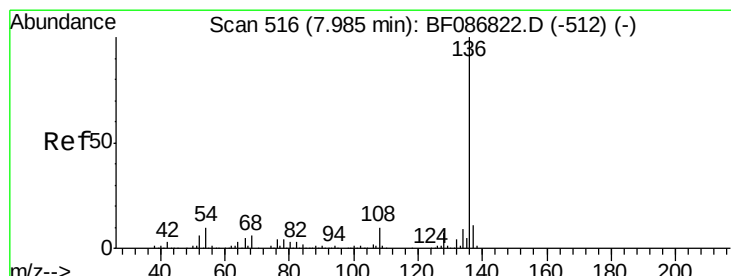
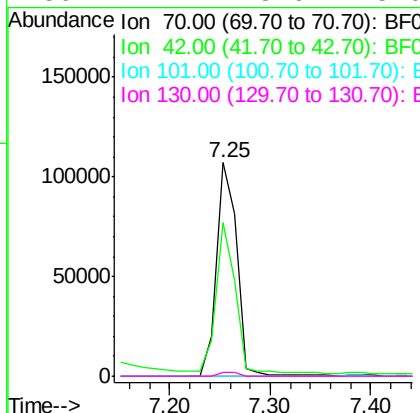




#19
n-Nitroso-di-n-propylamine
Concen: 17.91 ng
RT: 7.25 min Scan# 452
Delta R.T. 0.13 min
Lab File: BF086886.D
Acq: 11 May 2016 7:35

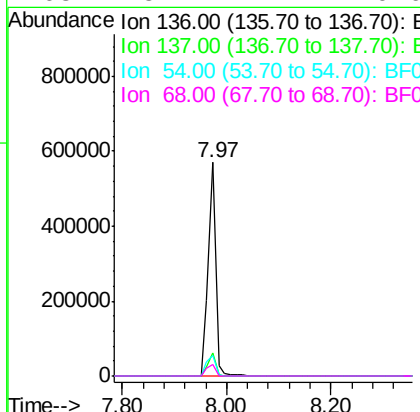
Instrument :
BNA_F
ClientSampleId :

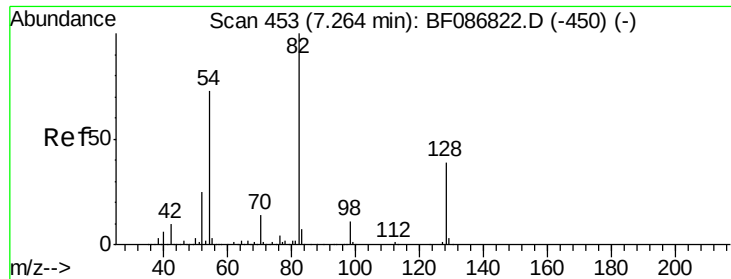
Tot Ion: 70 Resp: 149592
Ion Ratio Lower Upper
70 100
42 72.0 43.1 64.7#
101 0.0 8.1 12.1#
130 1.7 18.6 28.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.97 min Scan# 515
Delta R.T. -0.01 min
Lab File: BF086886.D
Acq: 11 May 2016 7:35

Tgt Ion:136 Resp: 570358
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 9.6 5.0 7.4#
68 5.4 4.4 6.6

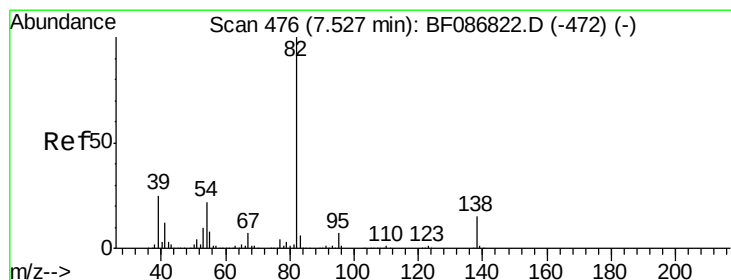
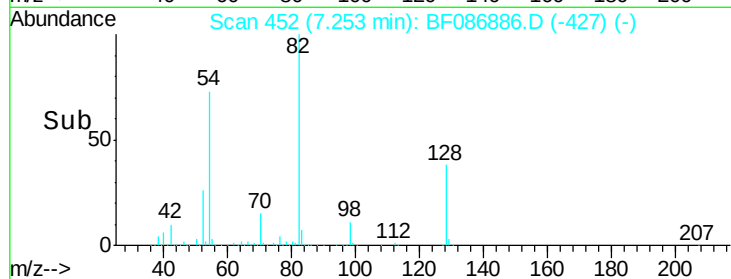
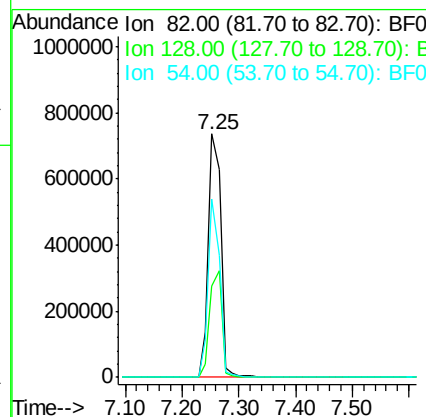
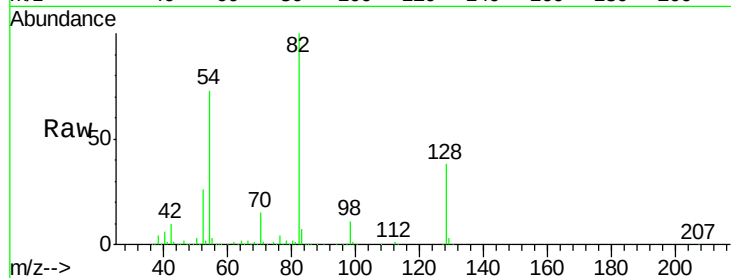




#23
 Nitrobenzene-d5
 Concen: 95.31 ng
 RT: 7.25 min Scan# 452
 Delta R.T. -0.01 min
 Lab File: BF086886.D
 Acq: 11 May 2016 7:35

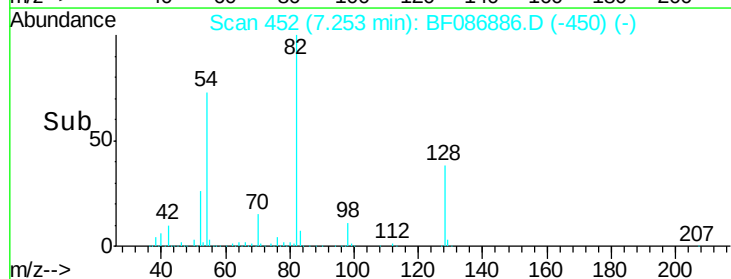
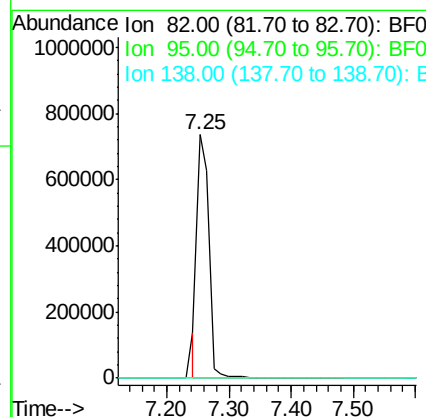
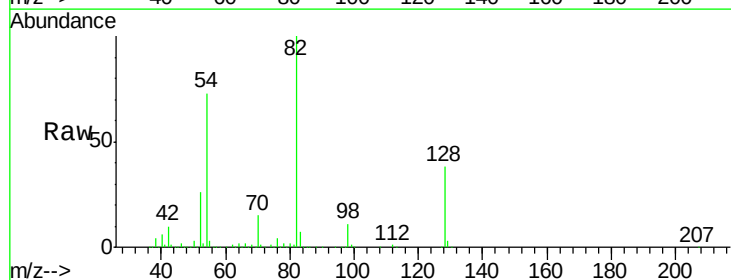
Instrument :
 BNA_F
 ClientSampled :

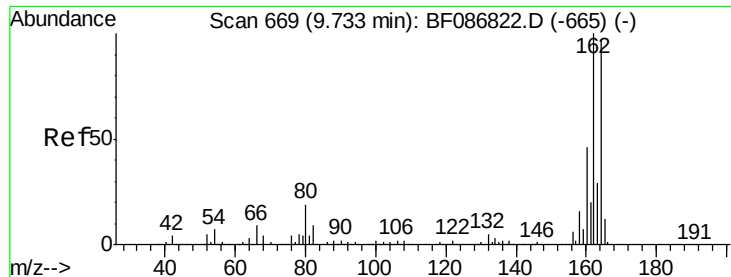
Tot Ion: 82 Resp: 1082574
 Ion Ratio Lower Upper
 82 100
 128 37.5 40.6 61.0#
 54 73.3 38.1 57.1#



#25
 Isophorone
 Concen: 46.42 ng
 RT: 7.25 min Scan# 452
 Delta R.T. -0.27 min
 Lab File: BF086886.D
 Acq: 11 May 2016 7:35

Tgt Ion: 82 Resp: 978219
 Ion Ratio Lower Upper
 82 100
 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: BF086886.D

Acq: 11 May 2016 7:35

Instrument :

BNA_F

ClientSampleId :

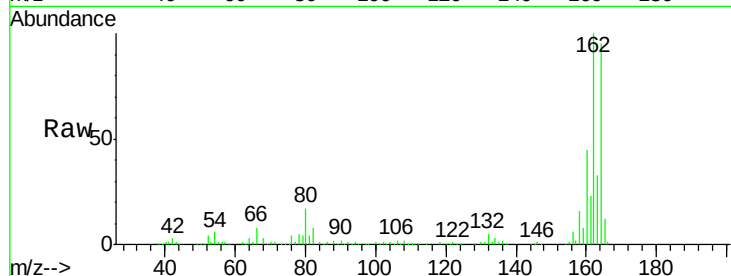
Tot Ion:164 Resp: 235705

Ion Ratio Lower Upper

164 100

162 105.8 82.8 124.2

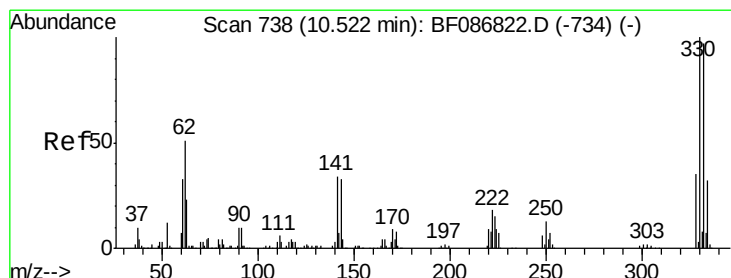
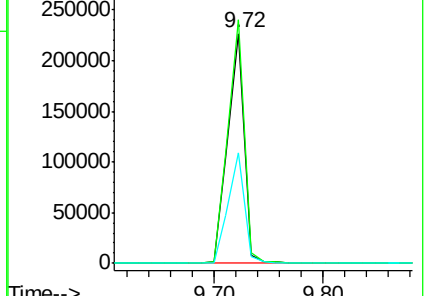
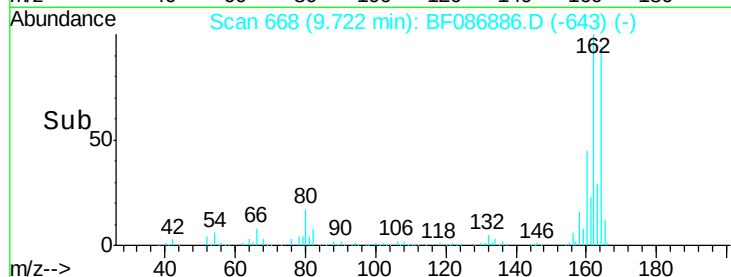
160 48.1 36.9 55.3



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: 121.40 ng

RT: 10.51 min Scan# 737

Delta R.T. -0.01 min

Lab File: BF086886.D

Acq: 11 May 2016 7:35

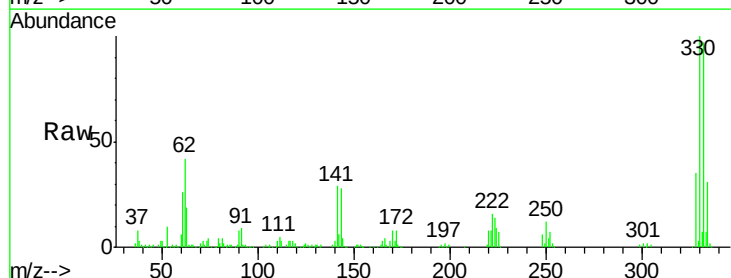
Tgt Ion:330 Resp: 302941

Ion Ratio Lower Upper

330 100

332 96.9 79.0 118.4

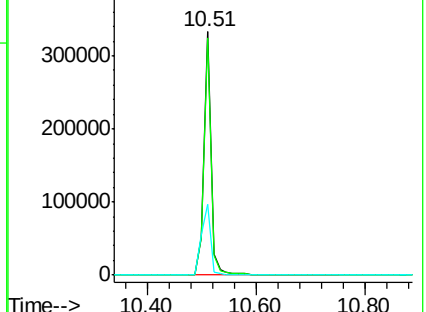
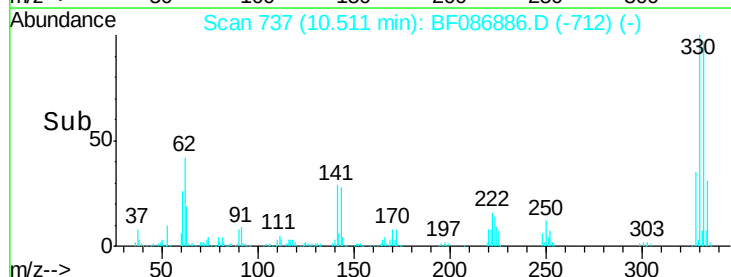
141 37.4 31.2 46.8

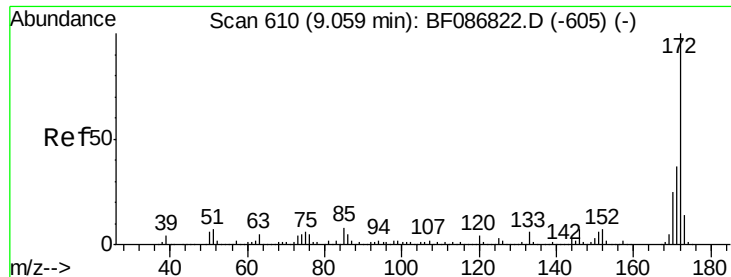


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

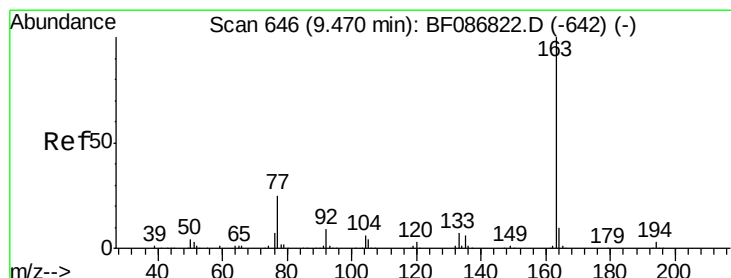
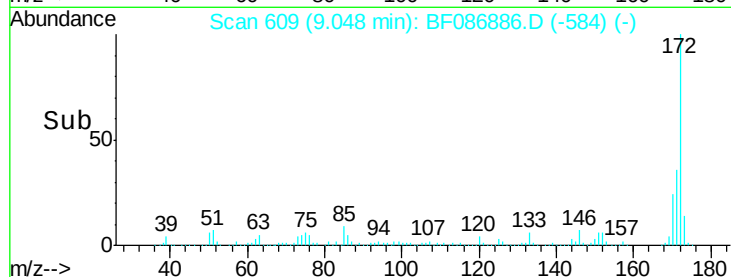
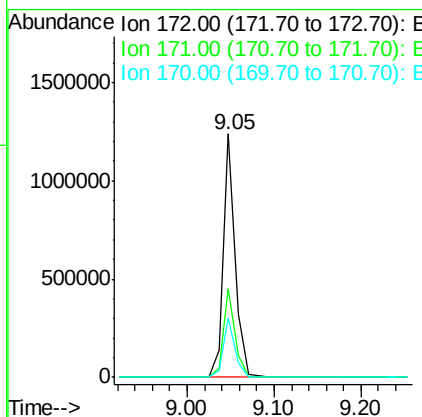
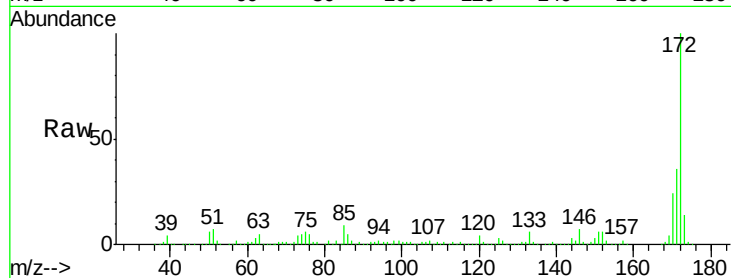




#44
2-Fluorobiphenyl
Concen: 85.21 ng
RT: 9.05 min Scan# 609
Delta R.T. -0.01 min
Lab File: BF086886.D
Acq: 11 May 2016 7:35

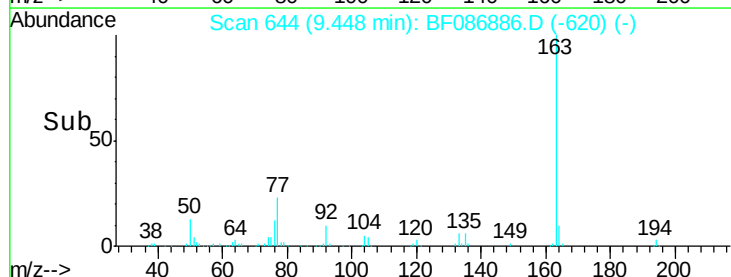
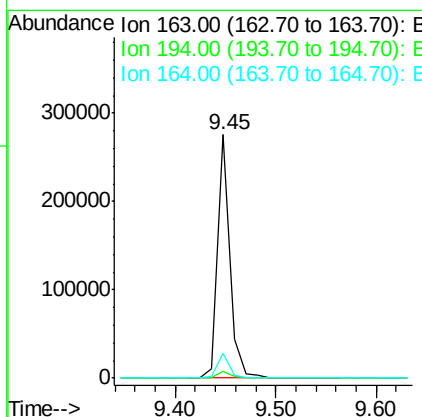
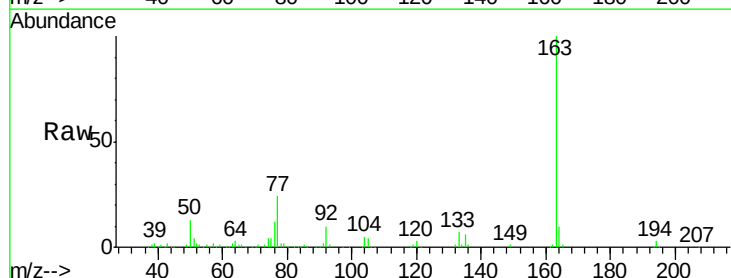
Instrument :
BNA_F
ClientSampleId :

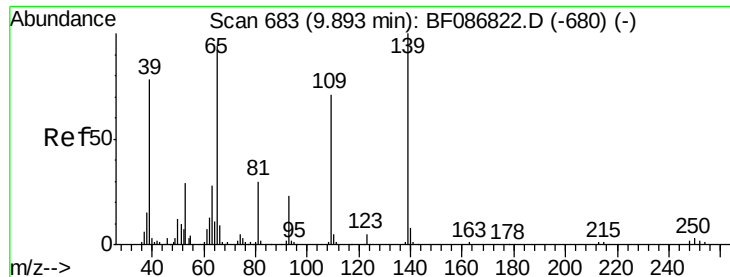
Tot Ion:172 Resp: 1195013
Ion Ratio Lower Upper
172 100
171 36.5 29.0 43.6
170 24.4 19.8 29.8



#49
Dimethylphthalate
Concen: 13.00 ng
RT: 9.45 min Scan# 644
Delta R.T. -0.02 min
Lab File: BF086886.D
Acq: 11 May 2016 7:35

Tgt Ion:163 Resp: 233856
Ion Ratio Lower Upper
163 100
194 3.0 2.6 4.0
164 10.3 8.2 12.4





#55

4-Nitrophenol

Concen: 4.64 ng

RT: 9.93 min Scan# 686

Delta R.T. 0.03 min

Lab File: BF086886.D

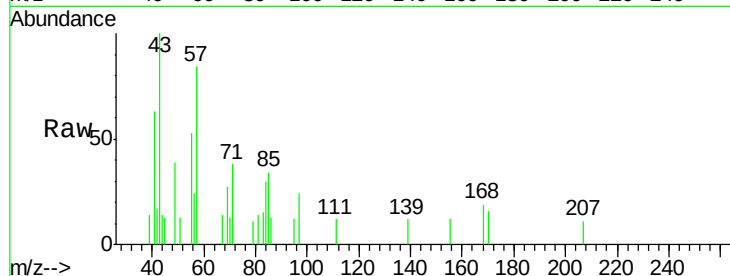
Acq: 11 May 2016 7:35

Instrument :

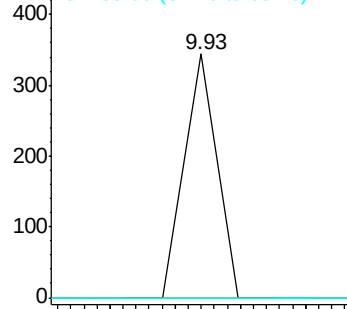
BNA_F

ClientSampled :

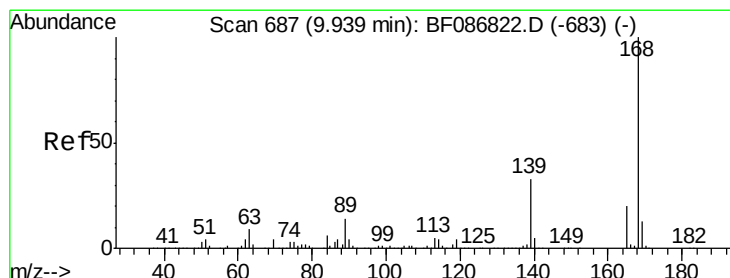
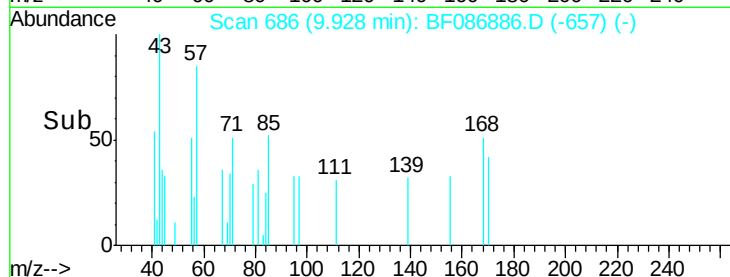
Tot Ion:	139	Resp:	236
Ion	Ratio	Lower	Upper
139	100		
109	0.0	36.9	76.9#
65	0.0	64.0	104.0#



Abundance Ion 139.00 (138.70 to 139.70): E



Time-->



#56

2,4-Dinitrotoluene

Concen: 6.38 ng

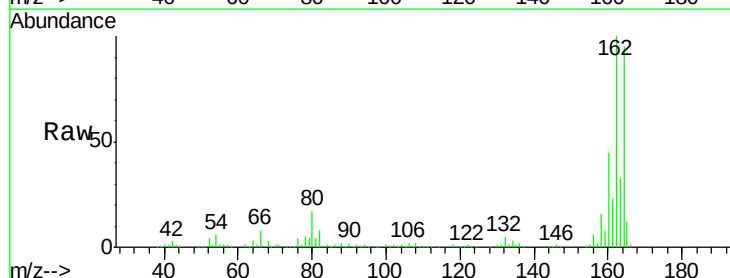
RT: 9.72 min Scan# 668

Delta R.T. -0.22 min

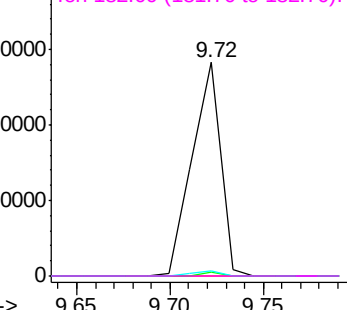
Lab File: BF086886.D

Acq: 11 May 2016 7:35

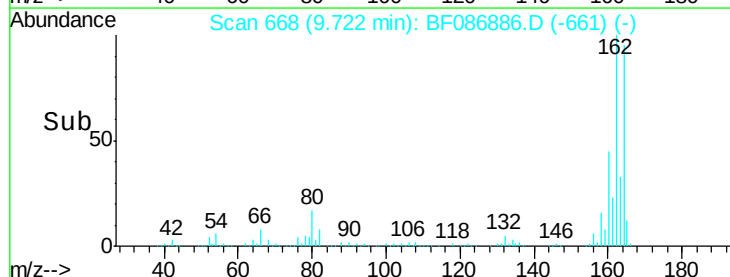
Tgt Ion:	165	Resp:	29884
Ion	Ratio	Lower	Upper
165	100		
63	2.1	44.3	66.5#
89	2.4	70.0	105.0#
182	0.0	1.8	2.6#

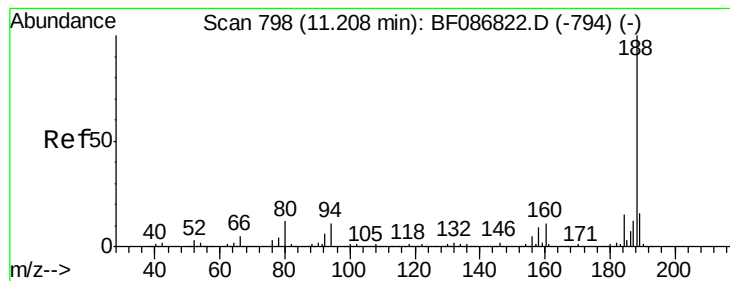


Abundance Ion 165.00 (164.70 to 165.70): E



Time-->





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.20 min Scan# 797

Delta R.T. -0.01 min

Lab File: BF086886.D

Acq: 11 May 2016 7:35

Instrument :

BNA_F

ClientSampleId :

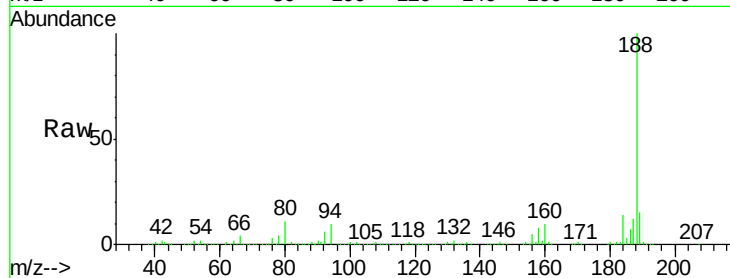
Tot Ion:188 Resp: 383363

Ion Ratio Lower Upper

188 100

94 10.0 6.8 10.2

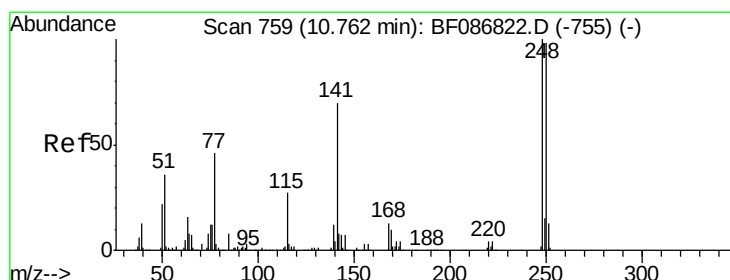
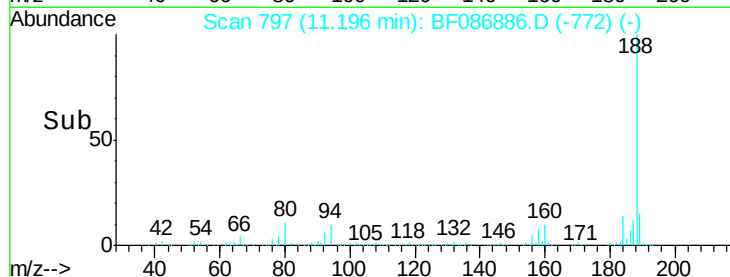
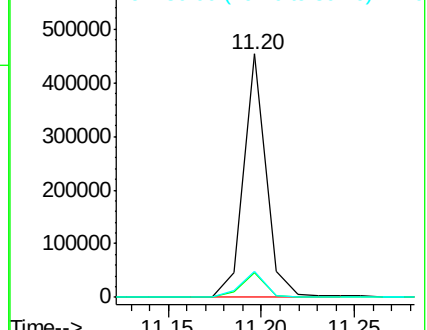
80 10.6 7.1 10.7



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: 4.86 ng

RT: 10.51 min Scan# 737

Delta R.T. -0.25 min

Lab File: BF086886.D

Acq: 11 May 2016 7:35

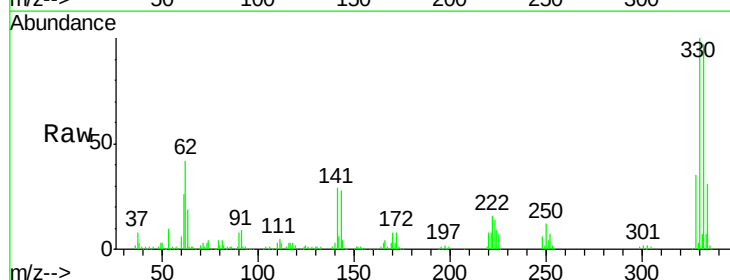
Tgt Ion:248 Resp: 18880

Ion Ratio Lower Upper

248 100

250 202.1 78.6 117.8#

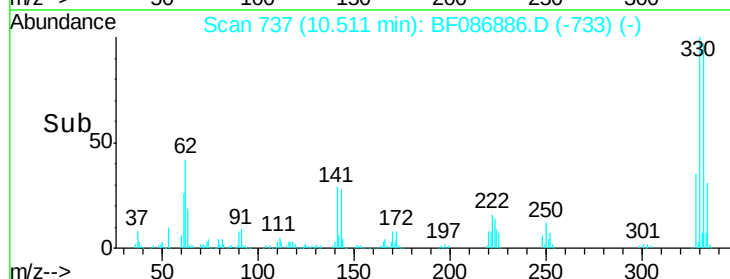
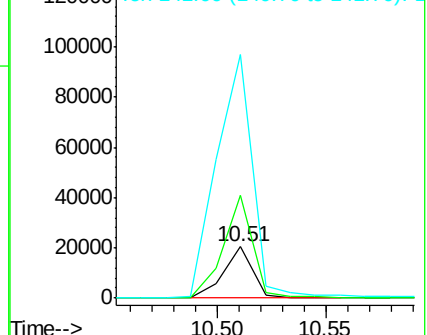
141 475.8 76.0 114.0#

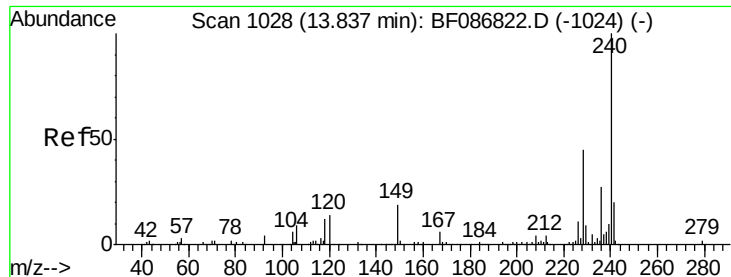


Abundance Ion 248.00 (247.70 to 248.70): E

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: 13.83 min Scan# 1027

Delta R.T. -0.01 min

Lab File: BF086886.D

Acq: 11 May 2016 7:35

Instrument :

BNA_F

ClientSampleId :

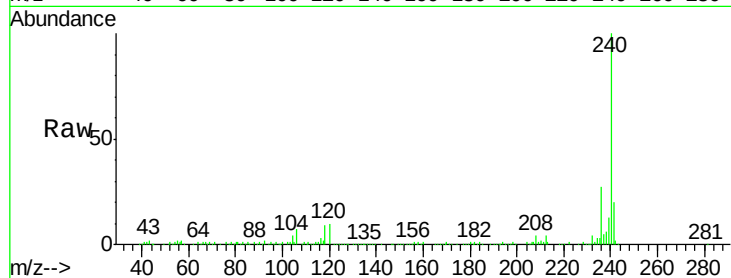
Tot Ion:240 Resp: 297136

Ion Ratio Lower Upper

240 100

120 9.9 11.2 16.8#

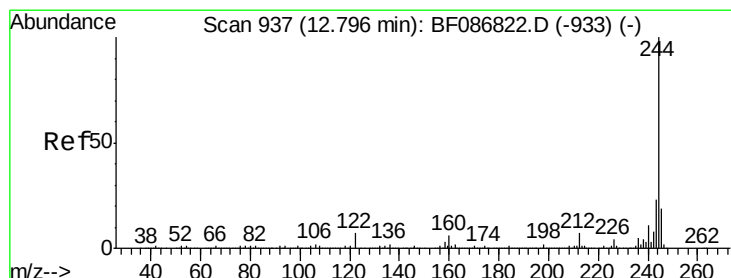
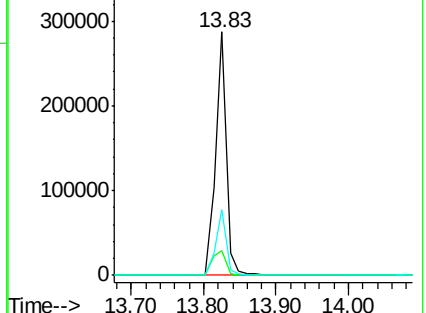
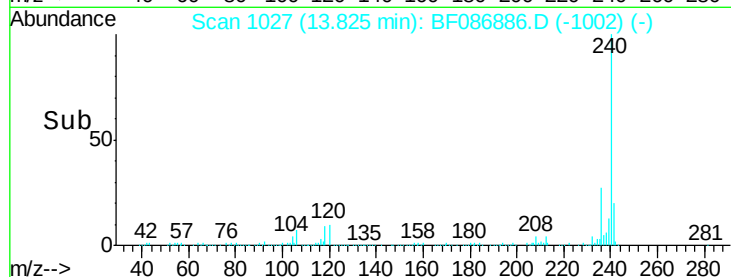
236 26.9 21.2 31.8



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: 72.28 ng

RT: 12.79 min Scan# 936

Delta R.T. -0.01 min

Lab File: BF086886.D

Acq: 11 May 2016 7:35

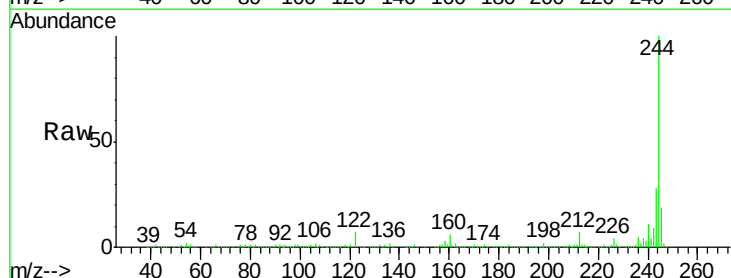
Tgt Ion:244 Resp: 1012208

Ion Ratio Lower Upper

244 100

212 6.9 6.2 9.2

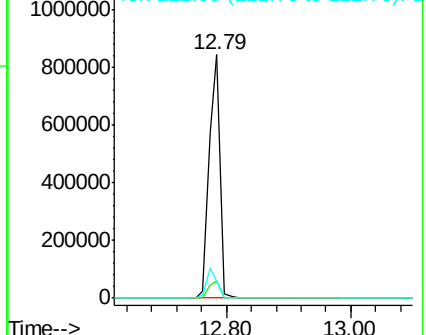
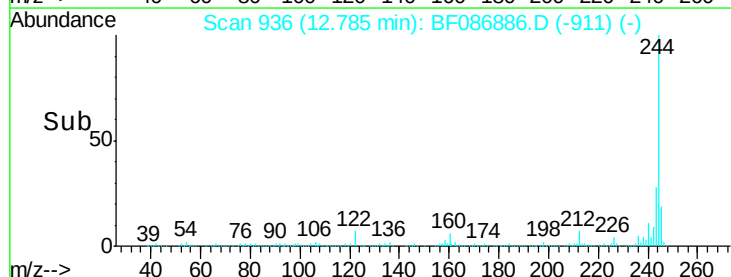
122 7.2 12.0 18.0#

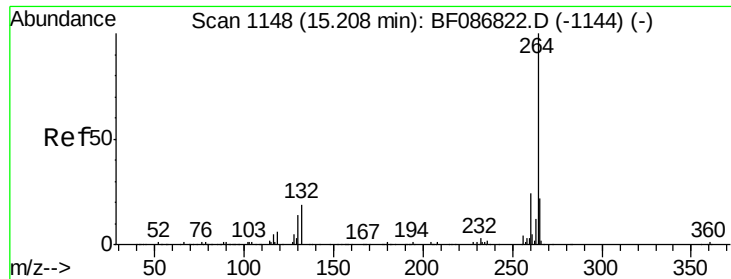


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

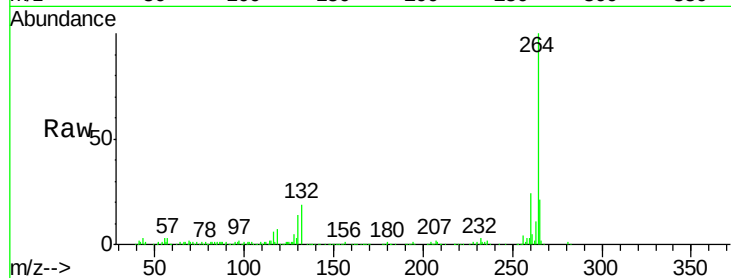




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.20 min Scan# 1147
Delta R.T. -0.01 min
Lab File: BF086886.D
Acq: 11 May 2016 7:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.5	29.3
265	21.3	17.3	25.9



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

