

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051116\
 Data File : BF086899.D
 Acq On : 11 May 2016 20:36
 Operator : UM/SJ
 Sample : H2917-01RE
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SES-CS-EF-Q2

Quant Time: May 12 00:54:47 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

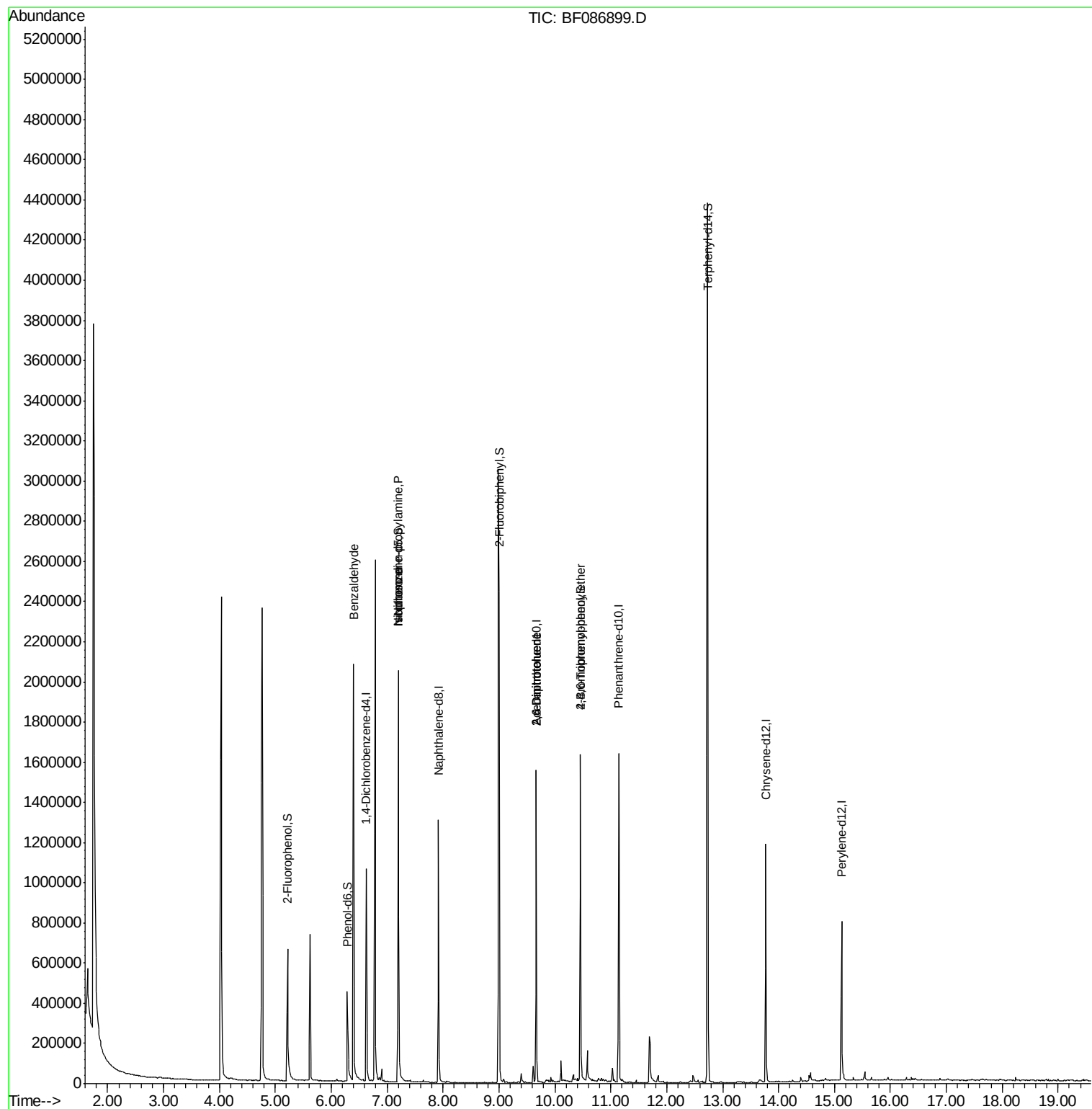
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.63	152	142123	20.00	ng	-0.07
21) Naphthalene-d8	7.92	136	603878	20.00	ng	-0.07
38) Acenaphthene-d10	9.67	164	295269	20.00	ng	-0.07
63) Phenanthrene-d10	11.14	188	542795	20.00	ng	-0.07
75) Chrysene-d12	13.77	240	468610	20.00	ng	-0.07
86) Perylene-d12	15.13	264	353059	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	243029	28.96	ng	-0.07
7) Phenol-d6	6.28	99	214291	19.11	ng	-0.08
23) Nitrobenzene-d5	7.20	82	730804	60.77	ng	-0.07
41) 2,4,6-Tribromophenol	10.46	330	224434	71.80	ng	-0.07
44) 2-Fluorobiphenyl	9.00	172	1366550	77.78	ng	-0.05
78) Terphenyl-d14	12.73	244	1341109	60.72	ng	-0.07
Target Compounds						
9) Benzaldehyde	6.40	77	13326	2.05	ng	# 74
19) n-Nitroso-di-n-propylamine	7.20	70	98542	12.57	ng	# 69
25) Isophorone	7.20	82	665220	29.81	ng	# 68
50) 2,6-Dinitrotoluene	9.67	165	37516	7.91	ng	# 20
56) 2,4-Dinitrotoluene	9.67	165	37516	6.39	ng	# 16
66) 4-Bromophenyl-phenylether	10.46	248	13571	2.47	ng	# 1

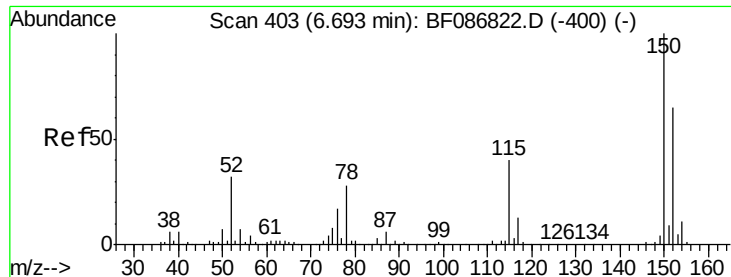
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051116\
Data File : BF086899.D
Acq On : 11 May 2016 20:36
Operator : UM/SJ
Sample : H2917-01RE
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SES-CS-EF-Q2

Quant Time: May 12 00:54:47 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: 6.63 min Scan# 441

Delta R.T. -0.07 min

Lab File: BF086899.D

Acq: 11 May 2016 20:36

Instrument :

BNA_F

ClientSampleId :

SES-CS-EF-Q2

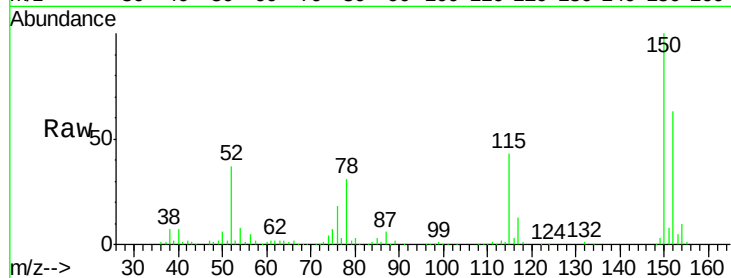
Tgt Ion:152 Resp: 142123

Ion Ratio Lower Upper

152 100

150 157.8 125.8 188.6

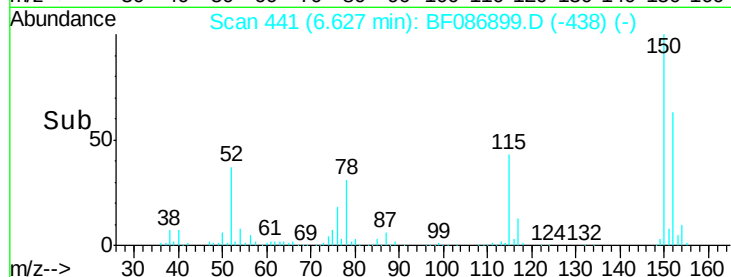
115 67.3 51.5 77.3



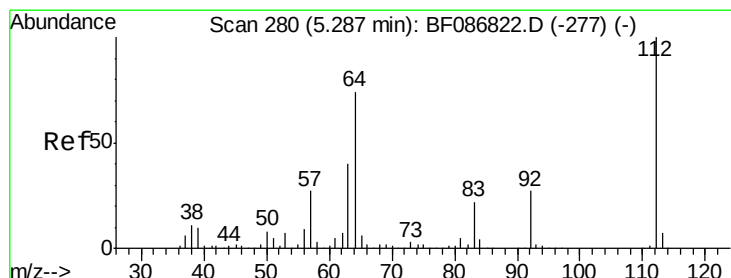
Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



Time-->



#5

2-Fluorophenol

Concen: 28.96 ng

RT: 5.22 min Scan# 318

Delta R.T. -0.07 min

Lab File: BF086899.D

Acq: 11 May 2016 20:36

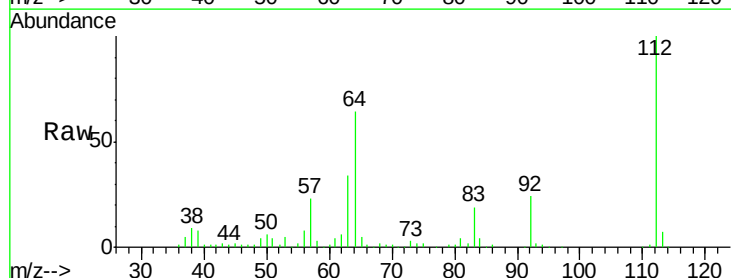
Tgt Ion:112 Resp: 243029

Ion Ratio Lower Upper

112 100

64 64.0 52.1 78.1

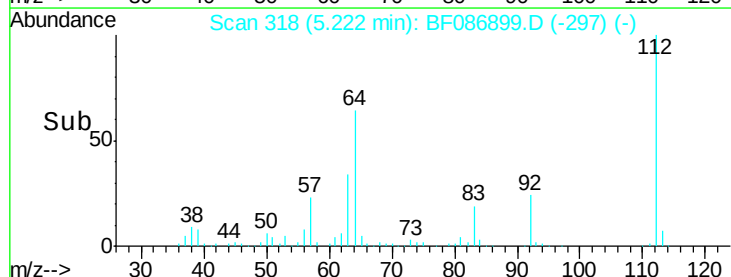
63 34.3 25.7 38.5



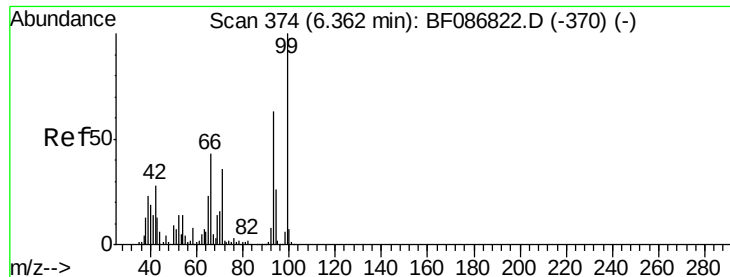
Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



Time-->



#7

Phenol-d6

Concen: 19.11 ng

RT: 6.28 min Scan# 411

Delta R.T. -0.08 min

Lab File: BF086899.D

Acq: 11 May 2016 20:36

Instrument :

BNA_F

ClientSampleId :

SES-CS-EF-Q2

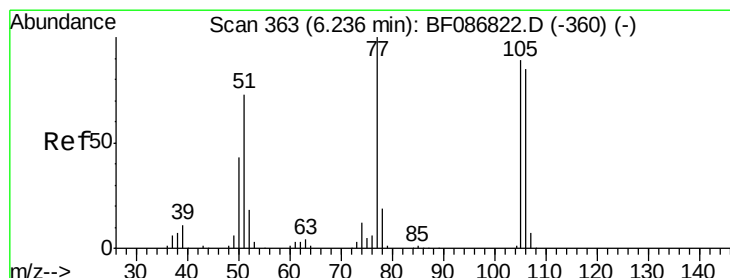
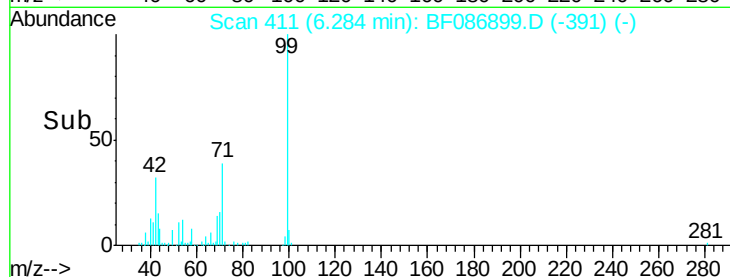
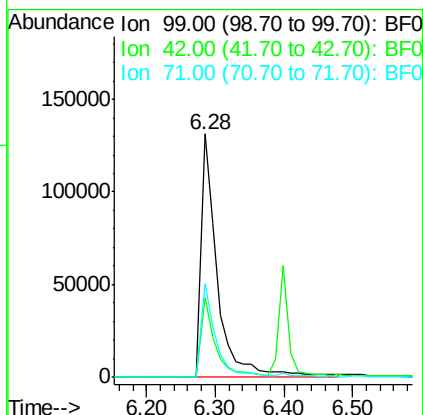
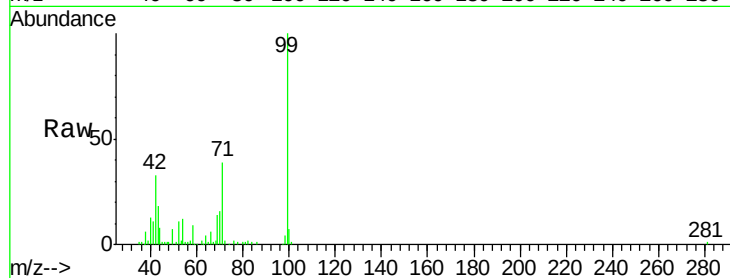
Tgt Ion: 99 Resp: 214291

Ion Ratio Lower Upper

99 100

42 32.7 13.6 20.4#

71 38.7 24.6 36.8#



#9

Benzaldehyde

Concen: 2.05 ng

RT: 6.40 min Scan# 421

Delta R.T. 0.16 min

Lab File: BF086899.D

Acq: 11 May 2016 20:36

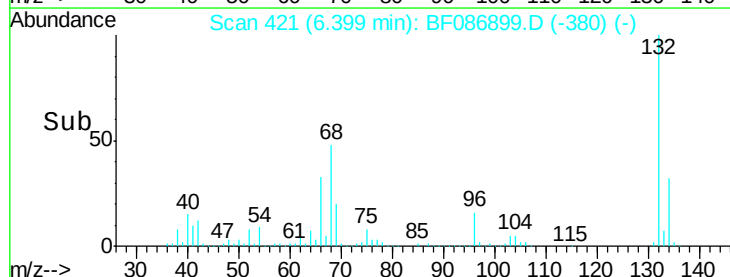
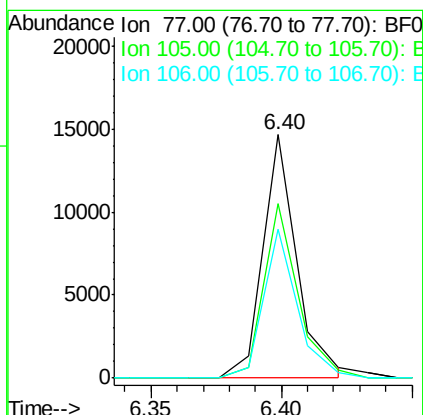
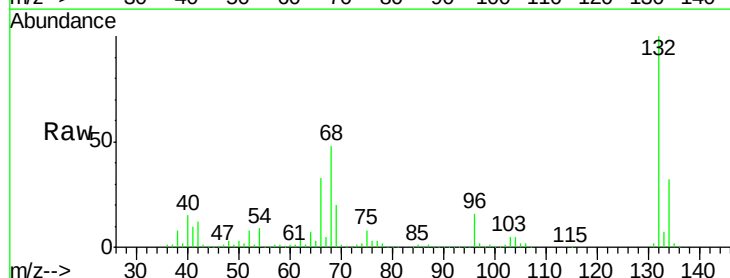
Tgt Ion: 77 Resp: 13326

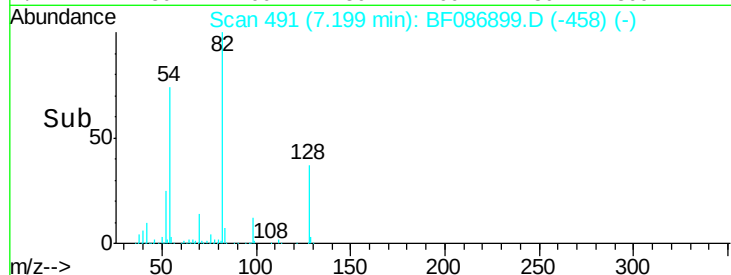
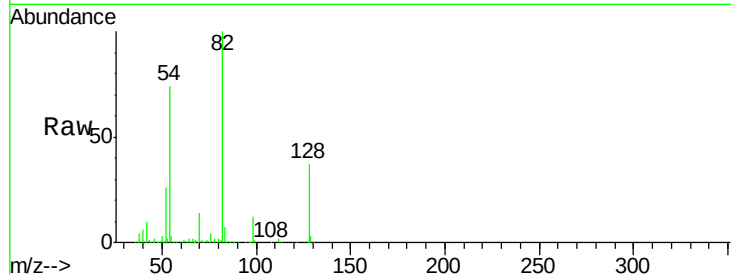
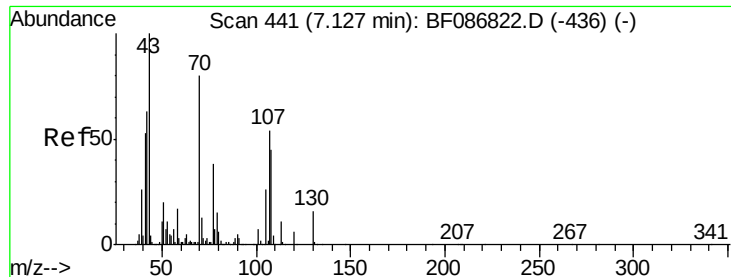
Ion Ratio Lower Upper

77 100

105 71.8 72.7 112.7#

106 61.2 70.8 110.8#

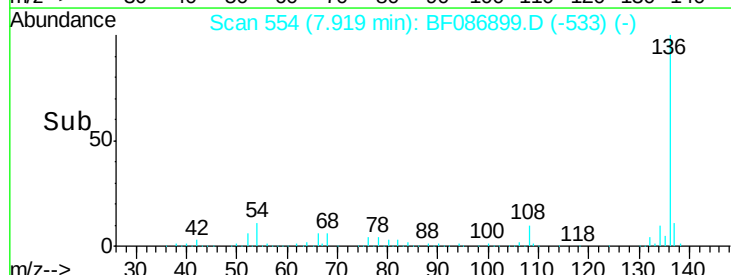
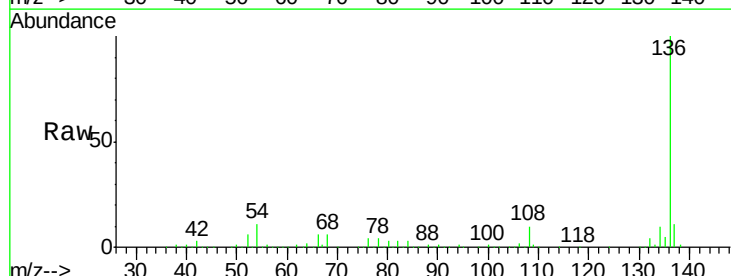
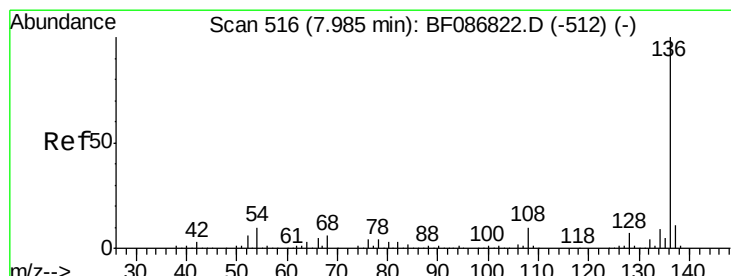
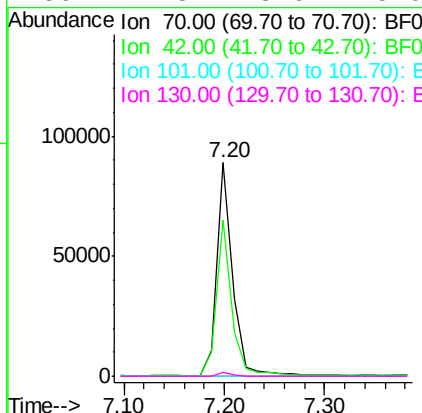




#19
n-Nitroso-di-n-propylamine
Concen: 12.57 ng
RT: 7.20 min Scan# 491
Delta R.T. 0.07 min
Lab File: BF086899.D
Acq: 11 May 2016 20:36

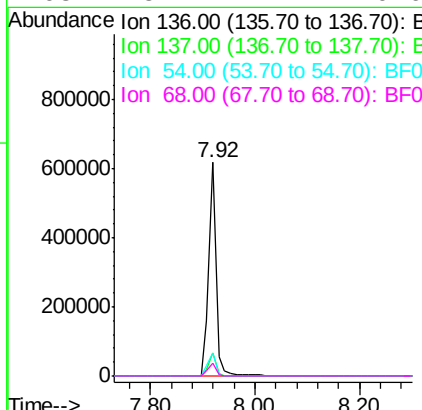
Instrument :
BNA_F
ClientSampleId :
SES-CS-EF-Q2

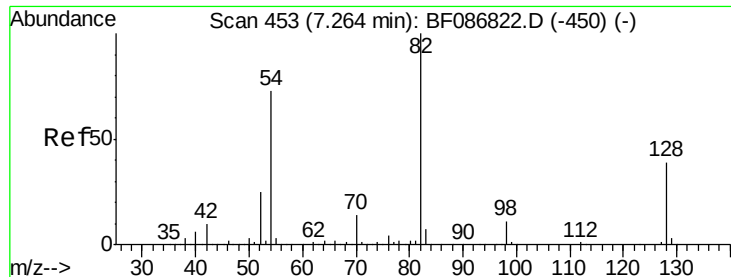
Tgt Ion: 70 Resp: 98542
Ion Ratio Lower Upper
70 100
42 73.1 43.1 64.7#
101 0.0 8.1 12.1#
130 1.8 18.6 28.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.92 min Scan# 554
Delta R.T. -0.07 min
Lab File: BF086899.D
Acq: 11 May 2016 20:36

Tgt Ion: 136 Resp: 603878
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 10.7 5.0 7.4#
68 5.7 4.4 6.6

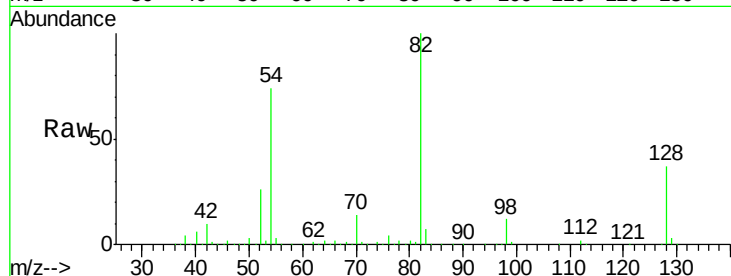




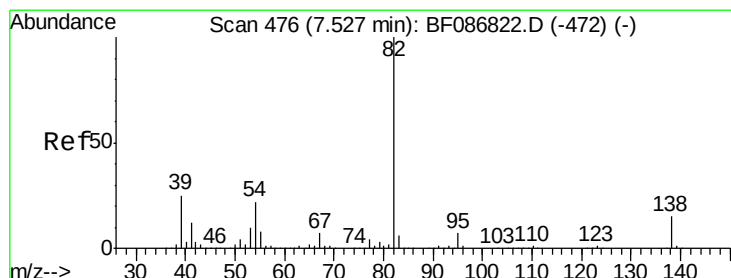
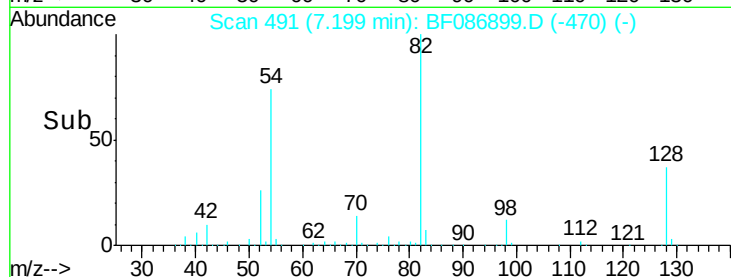
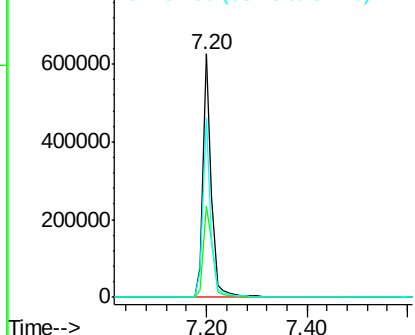
#23
Nitrobenzene-d5
Concen: 60.77 ng
RT: 7.20 min Scan# 491
Delta R.T. -0.07 min
Lab File: BF086899.D
Acq: 11 May 2016 20:36

Instrument :
BNA_F
ClientSampleId :
SES-CS-EF-Q2

Tgt Ion: 82 Resp: 730804
Ion Ratio Lower Upper
82 100
128 37.5 40.6 61.0#
54 73.6 38.1 57.1#

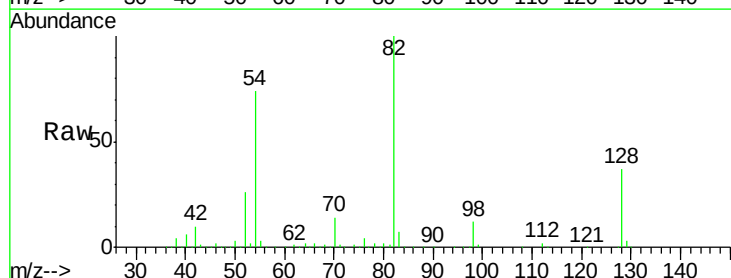


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): BF0
Ion 54.00 (53.70 to 54.70): BF0

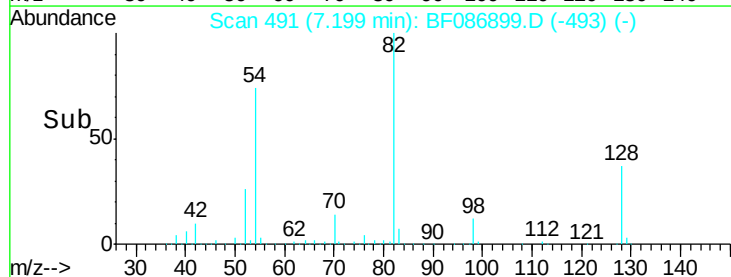
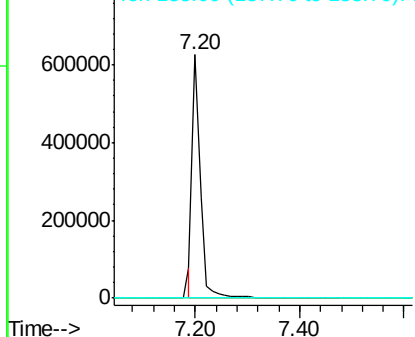


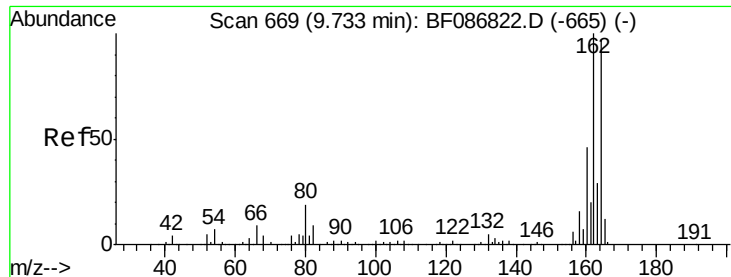
#25
Isophorone
Concen: 29.81 ng
RT: 7.20 min Scan# 491
Delta R.T. -0.33 min
Lab File: BF086899.D
Acq: 11 May 2016 20:36

Tgt Ion: 82 Resp: 665220
Ion Ratio Lower Upper
82 100
95 0.0 5.1 7.7#
138 0.0 12.4 18.6#



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





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.67 min Scan# 707

Delta R.T. -0.07 min

Lab File: BF086899.D

Acq: 11 May 2016 20:36

Instrument :

BNA_F

ClientSampleId :

SES-CS-EF-Q2

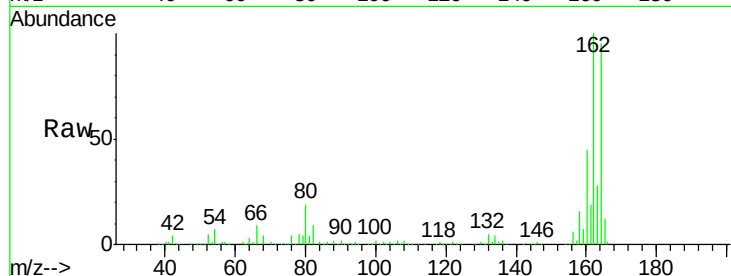
Tgt Ion:164 Resp: 295269

Ion Ratio Lower Upper

164 100

162 105.5 82.8 124.2

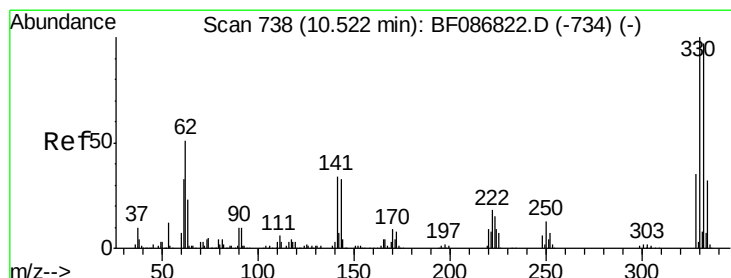
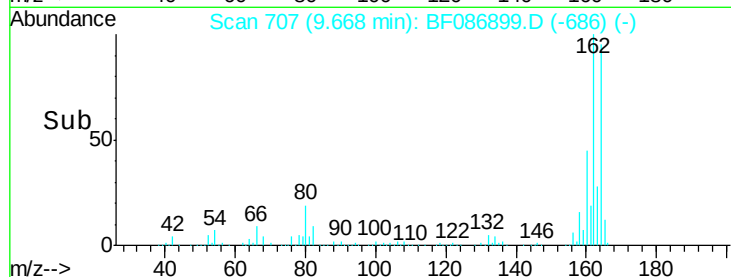
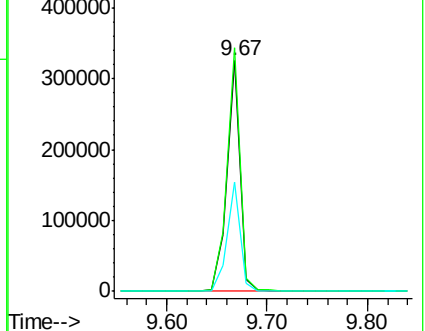
160 47.1 36.9 55.3



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: 71.80 ng

RT: 10.46 min Scan# 776

Delta R.T. -0.07 min

Lab File: BF086899.D

Acq: 11 May 2016 20:36

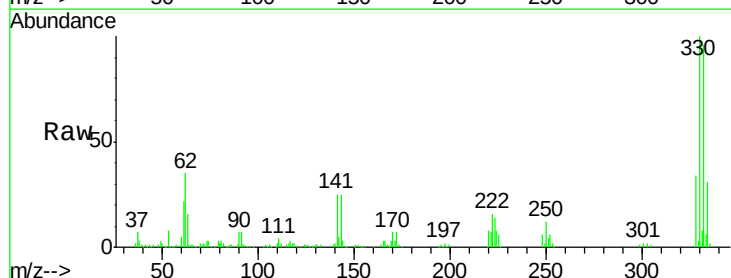
Tgt Ion:330 Resp: 224434

Ion Ratio Lower Upper

330 100

332 96.6 79.0 118.4

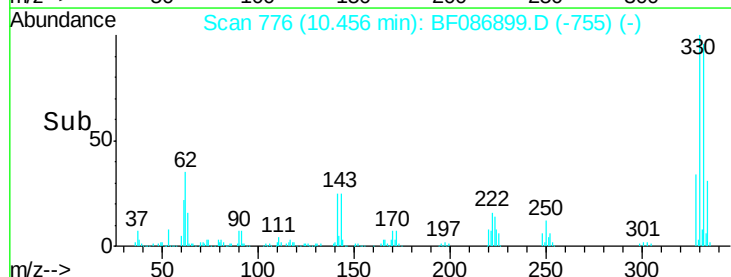
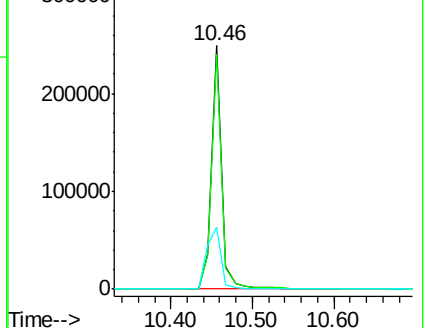
141 36.0 31.2 46.8

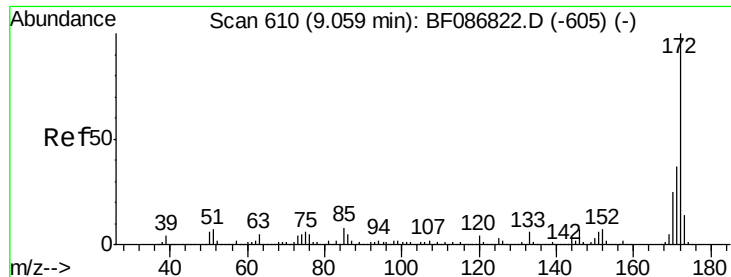


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

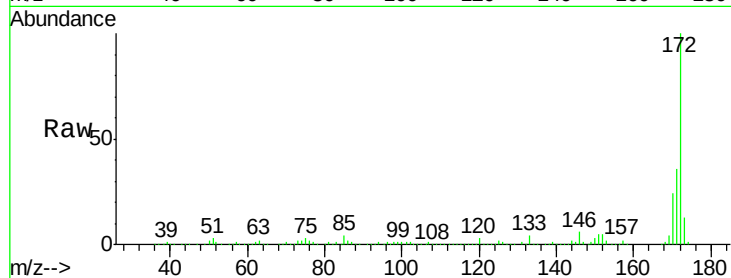




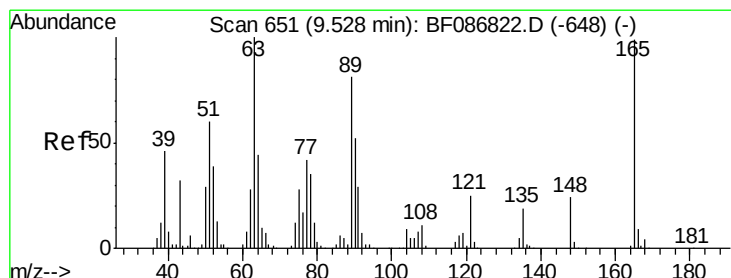
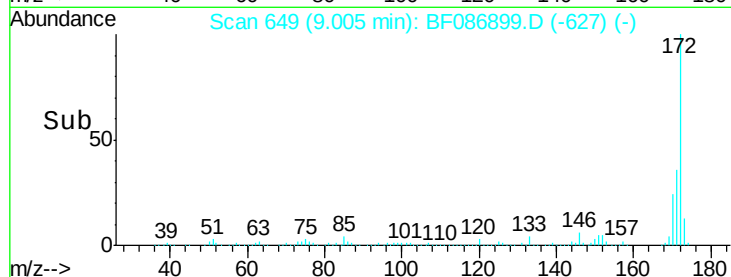
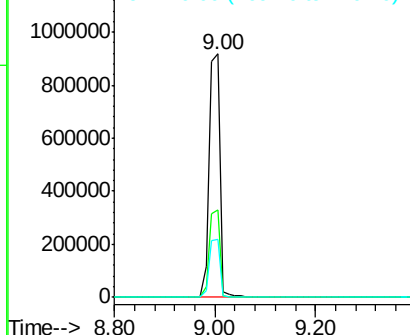
#44
 2-Fluorobiphenyl
 Concen: 77.78 ng
 RT: 9.00 min Scan# 649
 Delta R.T. -0.05 min
 Lab File: BF086899.D
 Acq: 11 May 2016 20:36

Instrument :
 BNA_F
 ClientSampleId :
 SES-CS-EF-Q2

Tgt Ion:172 Resp: 1366550
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.0 43.6
 170 24.0 19.8 29.8

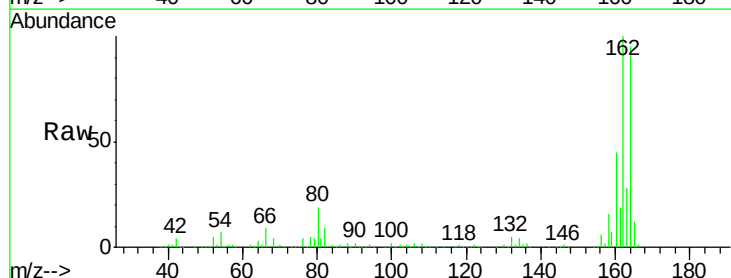


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

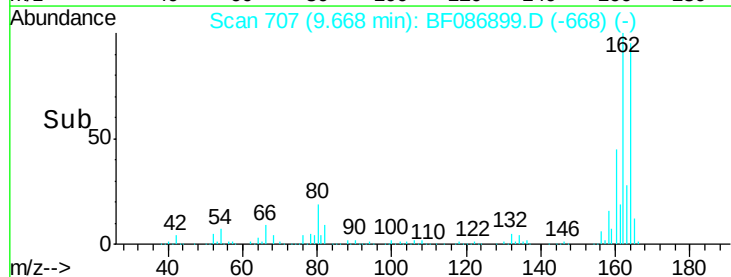
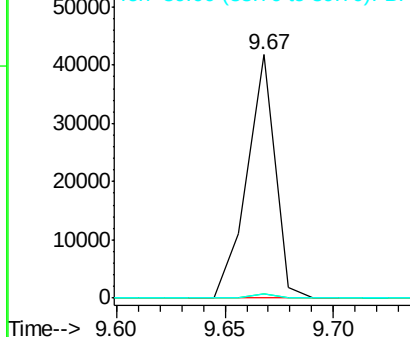


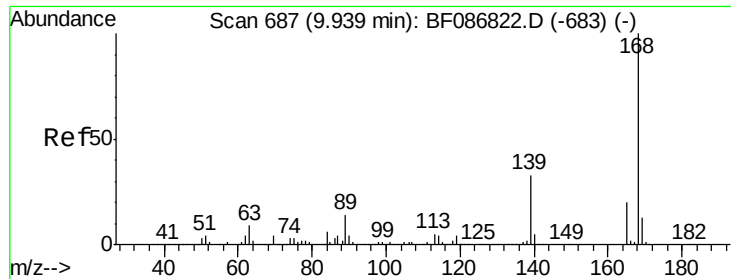
#50
 2,6-Dinitrotoluene
 Concen: 7.91 ng
 RT: 9.67 min Scan# 707
 Delta R.T. 0.14 min
 Lab File: BF086899.D
 Acq: 11 May 2016 20:36

Tgt Ion:165 Resp: 37516
 Ion Ratio Lower Upper
 165 100
 63 1.5 51.8 77.8#
 89 2.0 50.7 76.1#



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: 6.39 ng

RT: 9.67 min Scan# 707

Delta R.T. -0.27 min

Lab File: BF086899.D

Acq: 11 May 2016 20:36

Instrument :

BNA_F

ClientSampleId :

SES-CS-EF-Q2

Tgt Ion:165 Resp: 37516

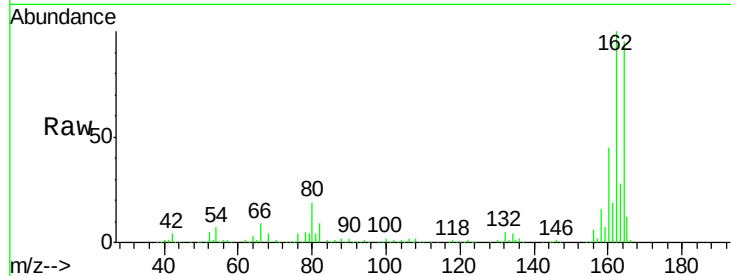
Ion Ratio Lower Upper

165 100

63 1.5 44.3 66.5#

89 2.0 70.0 105.0#

182 0.0 1.8 2.6#

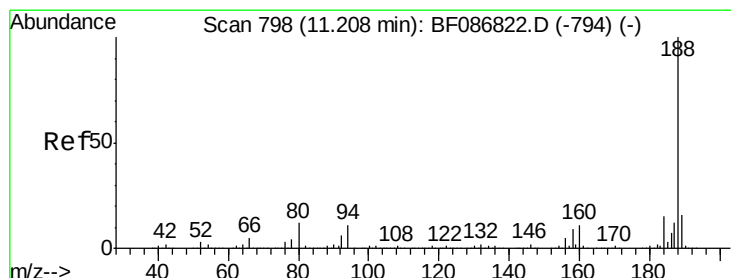
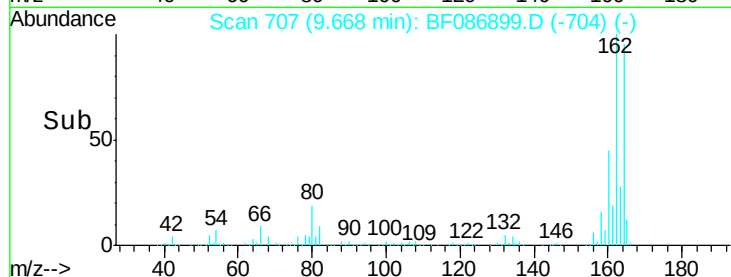
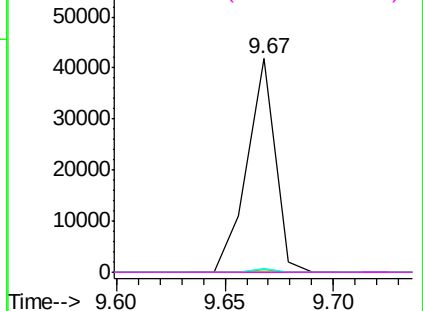


Abundance Ion 165.00 (164.70 to 165.70): E

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



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.14 min Scan# 836

Delta R.T. -0.07 min

Lab File: BF086899.D

Acq: 11 May 2016 20:36

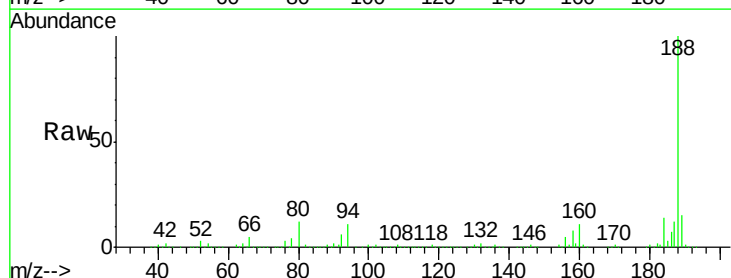
Tgt Ion:188 Resp: 542795

Ion Ratio Lower Upper

188 100

94 10.6 6.8 10.2#

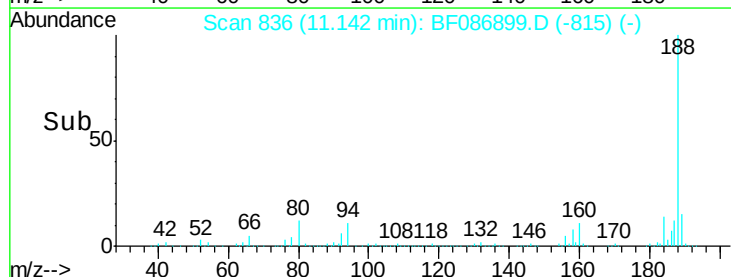
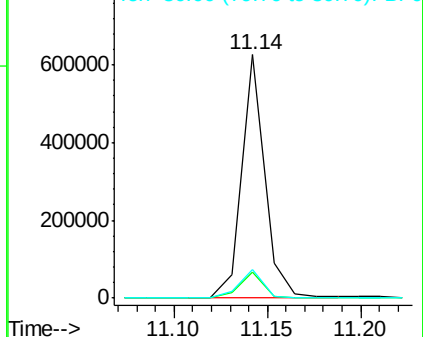
80 11.7 7.1 10.7#

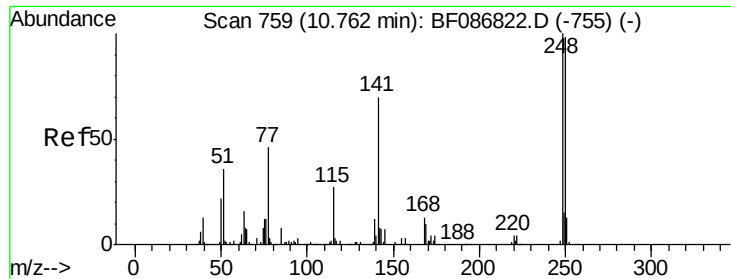


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

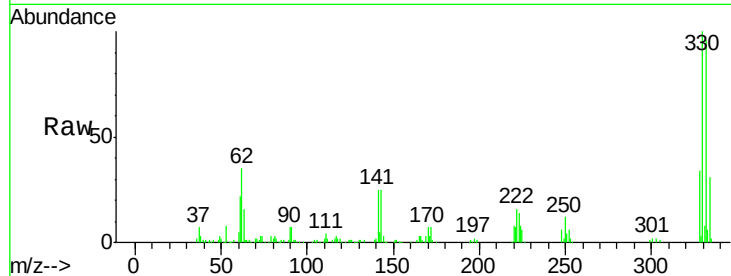




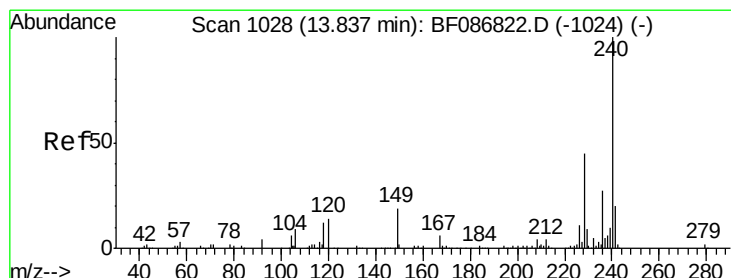
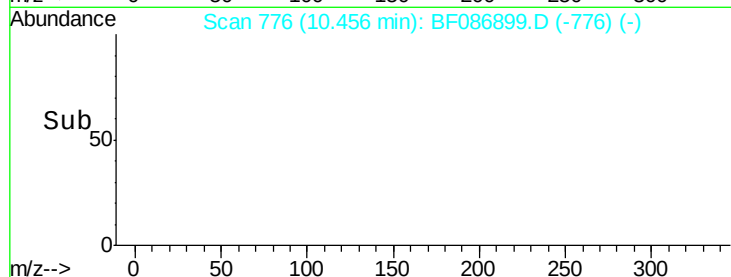
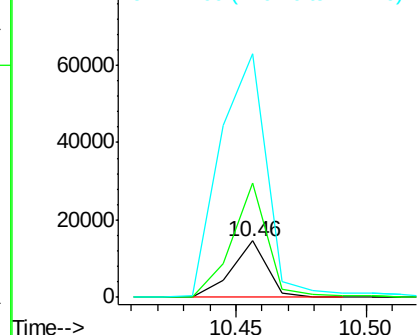
#66
4-Bromophenyl-phenylether
Concen: 2.47 ng
RT: 10.46 min Scan# 776
Delta R.T. -0.31 min
Lab File: BF086899.D
Acq: 11 May 2016 20:36

Instrument :
BNA_F
ClientSampleId :
SES-CS-EF-Q2

Tgt Ion:248 Resp: 13571
Ion Ratio Lower Upper
248 100
250 203.3 78.6 117.8#
141 433.1 76.0 114.0#

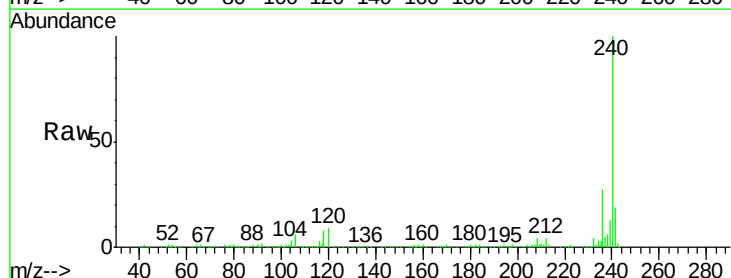


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

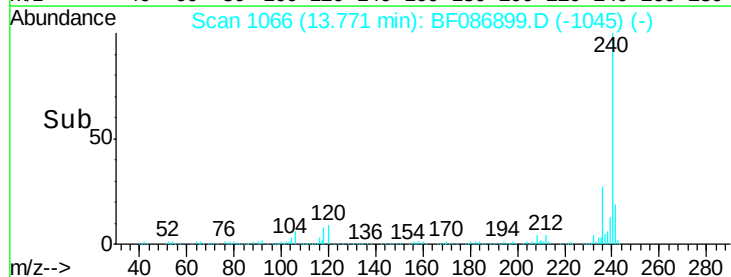
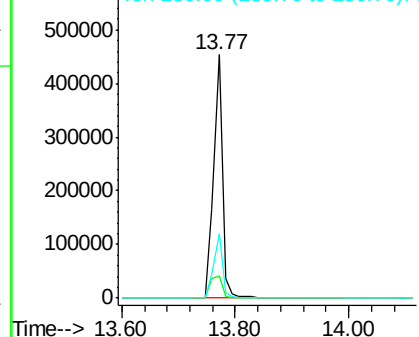


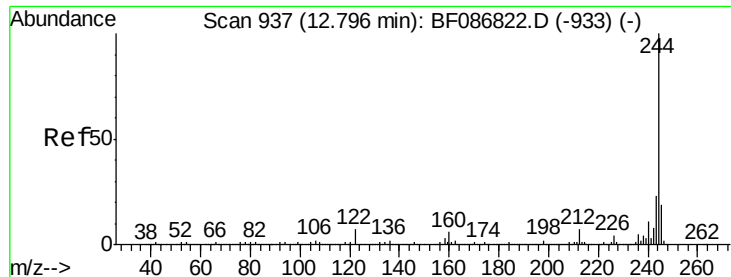
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.77 min Scan# 1066
Delta R.T. -0.07 min
Lab File: BF086899.D
Acq: 11 May 2016 20:36

Tgt Ion:240 Resp: 468610
Ion Ratio Lower Upper
240 100
120 9.2 11.2 16.8#
236 26.6 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

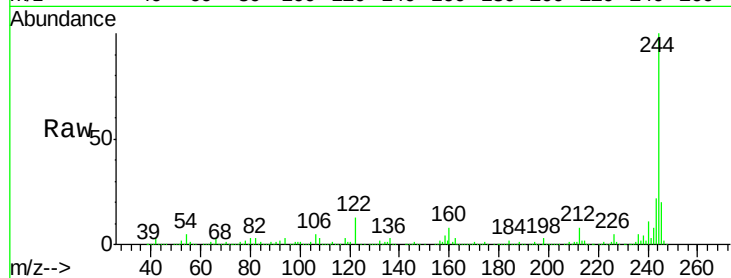




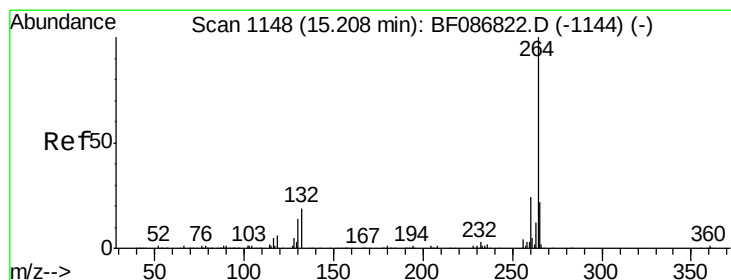
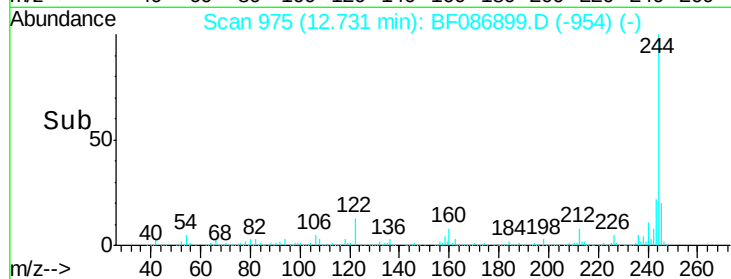
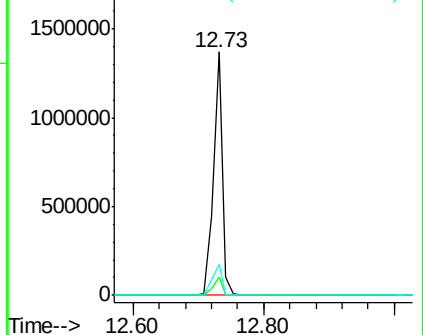
#78
 Terphenyl-d14
 Concen: 60.72 ng
 RT: 12.73 min Scan# 975
 Delta R.T. -0.07 min
 Lab File: BF086899.D
 Acq: 11 May 2016 20:36

Instrument :
 BNA_F
 ClientSampleId :
 SES-CS-EF-Q2

Tgt Ion:244 Resp: 1341109
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.2 9.2
 122 12.7 12.0 18.0

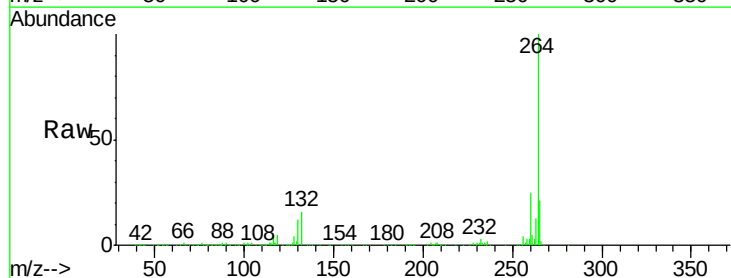


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.13 min Scan# 1185
 Delta R.T. -0.08 min
 Lab File: BF086899.D
 Acq: 11 May 2016 20:36

Tgt Ion:264 Resp: 353059
 Ion Ratio Lower Upper
 264 100
 260 24.6 19.5 29.3
 265 21.2 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

