

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020616\
 Data File : BF084908.D
 Acq On : 6 Feb 2016 13:35
 Operator : SJ/IZ
 Sample : H1310-02
 Misc :
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SUP-B008(25-27)

Quant Time: Feb 08 01:21:12 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 03 14:16:01 2016
 Response via : Initial Calibration

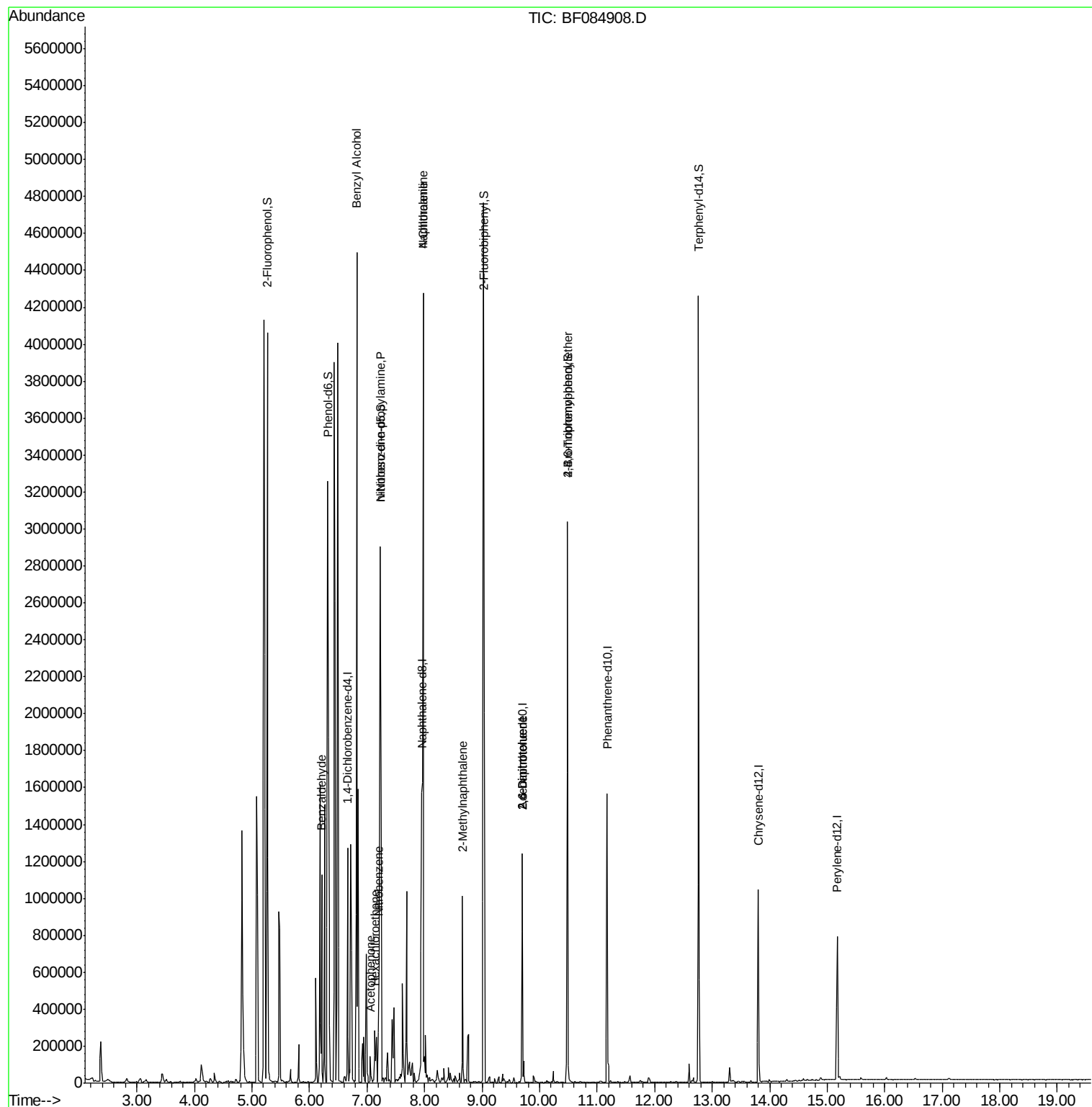
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	170150	20.00	ng	-0.02
21) Naphthalene-d8	7.95	136	714966	20.00	ng	-0.02
38) Acenaphthene-d10	9.70	164	309831	20.00	ng	-0.03
63) Phenanthrene-d10	11.17	188	526517	20.00	ng	-0.03
75) Chrysene-d12	13.80	240	357225	20.00	ng	-0.03
86) Perylene-d12	15.17	264	341461	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	1248547	114.30	ng	-0.01
7) Phenol-d6	6.32	99	1501844	110.90	ng	-0.02
23) Nitrobenzene-d5	7.23	82	1073468	84.58	ng	-0.03
41) 2,4,6-Tribromophenol	10.49	330	425839	131.77	ng	-0.03
44) 2-Fluorobiphenyl	9.02	172	1800004	107.20	ng	-0.03
78) Terphenyl-d14	12.76	244	1307178	82.92	ng	-0.03
Target Compounds						
9) Benzaldehyde	6.21	77	36595	4.58	ng	# 1
15) Benzyl Alcohol	6.82	79	21705	2.32	ng	# 46
18) Hexachloroethane	7.14	117	17836	3.55	ng	# 1
19) n-Nitroso-di-n-propylamine	7.23	70	142275	16.76	ng	# 71
22) Acetophenone	7.06	105	56347	2.99	ng	# 56
24) Nitrobenzene	7.21	77	31369	2.31	ng	# 19
31) Naphthalene	7.97	128	1907306	53.18	ng	# 99
33) 4-Chloroaniline	7.97	127	267435	18.03	ng	# 32
37) 2-Methylnaphthalene	8.66	142	241547	10.76	ng	# 98
50) 2,6-Dinitrotoluene	9.70	165	39403	7.64	ng	# 38
56) 2,4-Dinitrotoluene	9.70	165	39403	5.99	ng	# 22
66) 4-Bromophenyl-phenylether	10.49	248	28460	4.89	ng	# 1

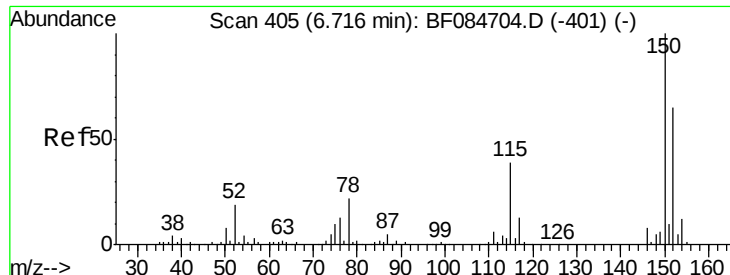
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020616\
Data File : BF084908.D
Acq On : 6 Feb 2016 13:35
Operator : SJ/IZ
Sample : H1310-02
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SUP-B008(25-27)

Quant Time: Feb 08 01:21:12 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 03 14:16:01 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.66 min Scan# 400

Delta R.T. -0.02 min

Lab File: BF084908.D

Acq: 6 Feb 2016 13:35

Instrument :

BNA_F

ClientSampleId :

SUP-B008(25-27)

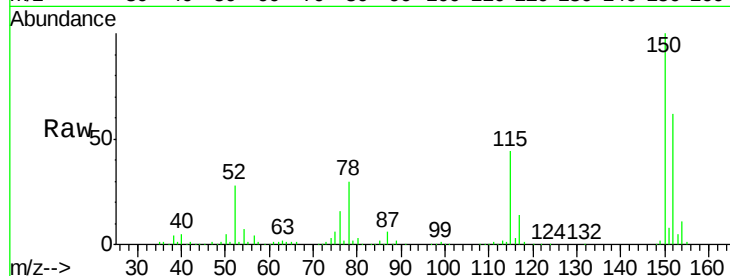
Tgt Ion:152 Resp: 170150

Ion Ratio Lower Upper

152 100

150 160.6 123.0 184.4

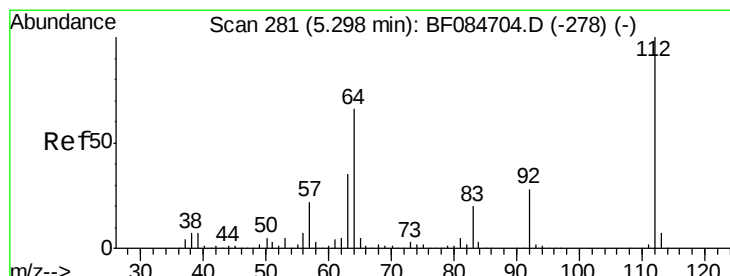
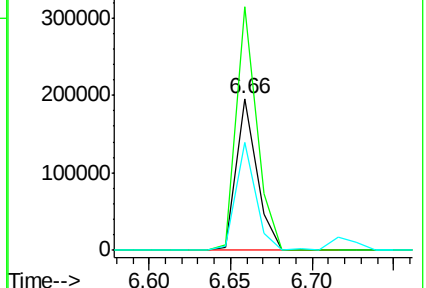
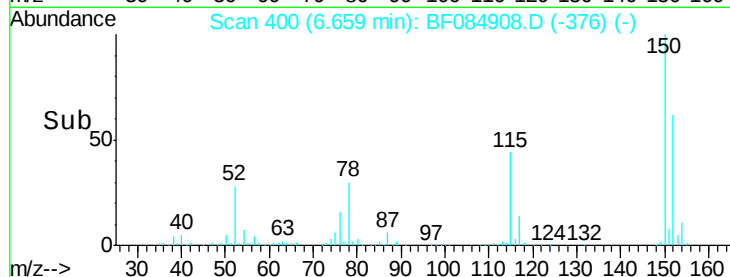
115 71.4 51.4 77.2



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: 114.30 ng

RT: 5.26 min Scan# 278

Delta R.T. -0.01 min

Lab File: BF084908.D

Acq: 6 Feb 2016 13:35

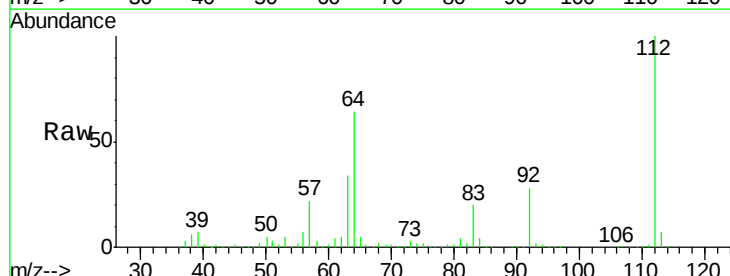
Tgt Ion:112 Resp: 1248547

Ion Ratio Lower Upper

112 100

64 64.4 36.6 55.0#

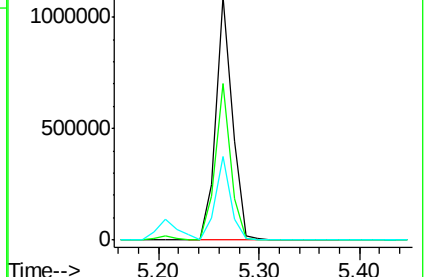
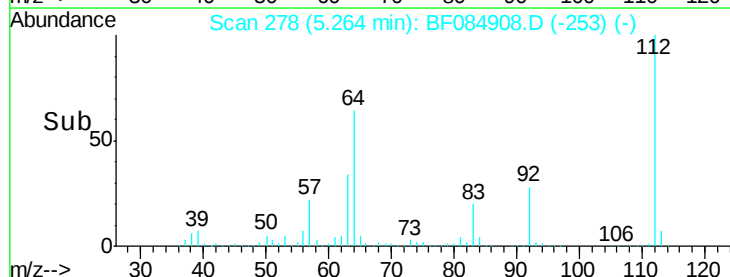
63 34.2 19.4 29.0#

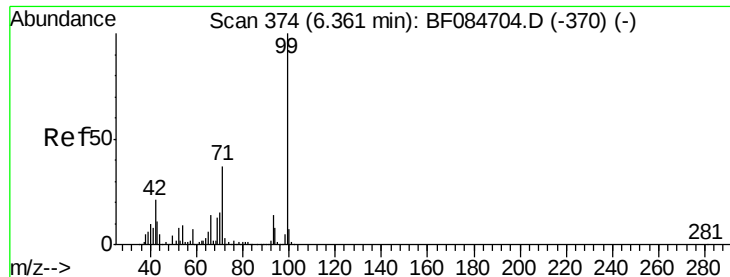


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 110.90 ng

RT: 6.32 min Scan# 370

Delta R.T. -0.02 min

Lab File: BF084908.D

Acq: 6 Feb 2016 13:35

Instrument :

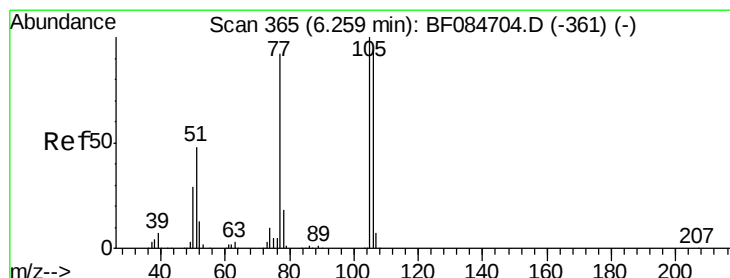
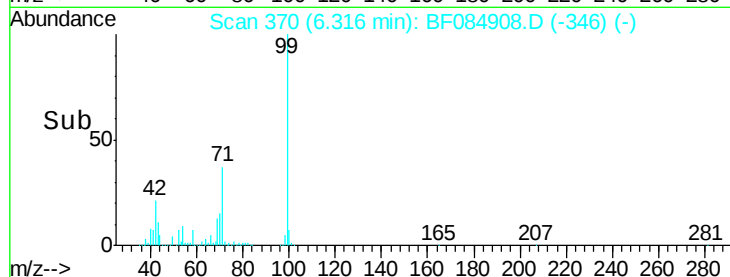
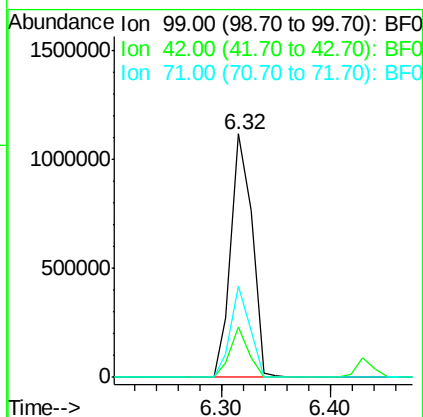
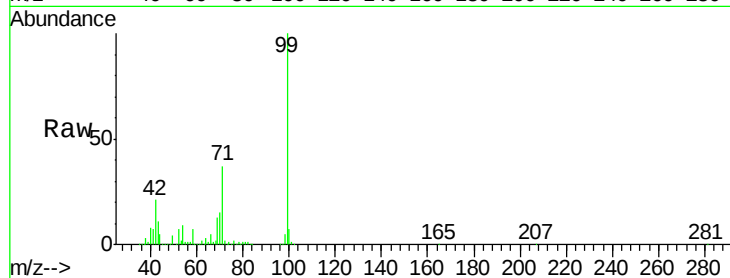
BNA_F

ClientSampleId :

SUP-B008(25-27)

Tgt Ion: 99 Resp: 1501844

Ion	Ratio	Lower	Upper
99	100		
42	20.8	12.8	19.2#
71	37.5	30.9	46.3



#9

Benzaldehyde

Concen: 4.58 ng

RT: 6.21 min Scan# 361

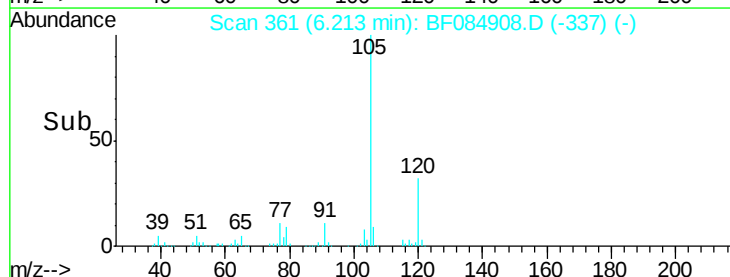
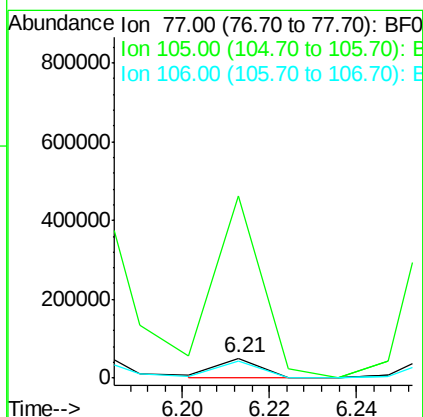
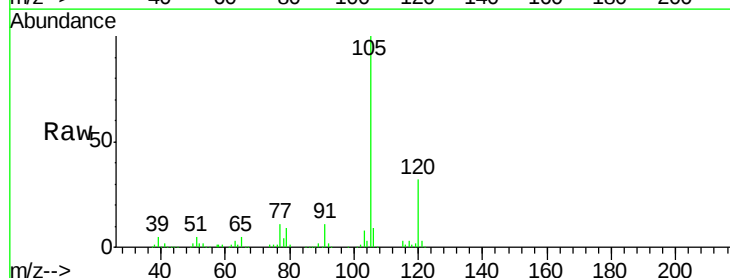
Delta R.T. -0.02 min

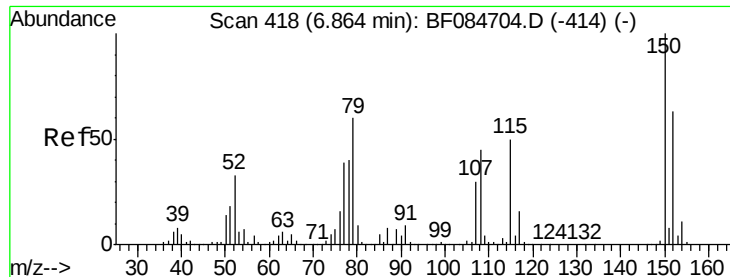
Lab File: BF084908.D

Acq: 6 Feb 2016 13:35

Tgt Ion: 77 Resp: 36595

Ion	Ratio	Lower	Upper
77	100		
105	906.0	83.0	123.0#
106	82.1	74.6	114.6

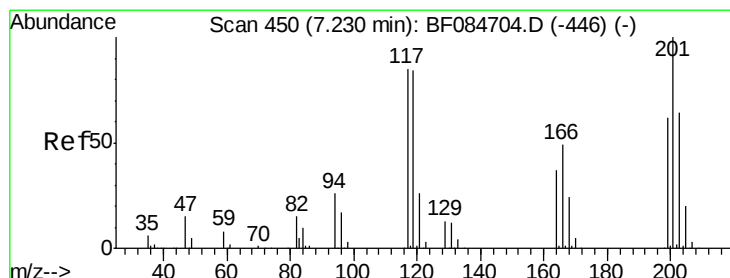
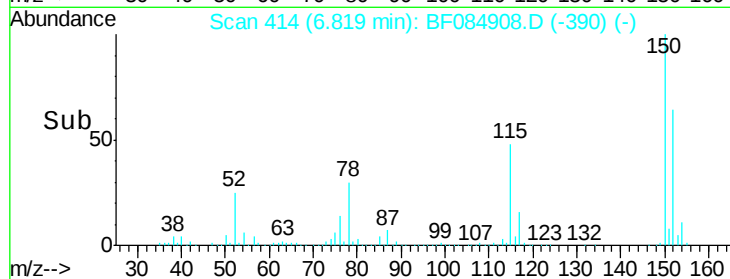
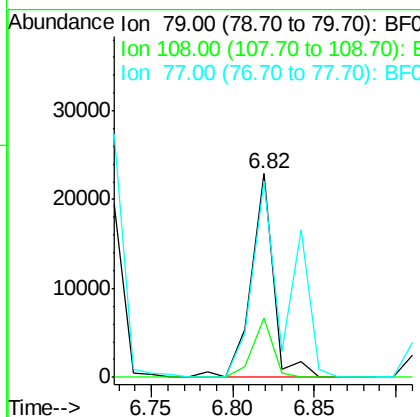
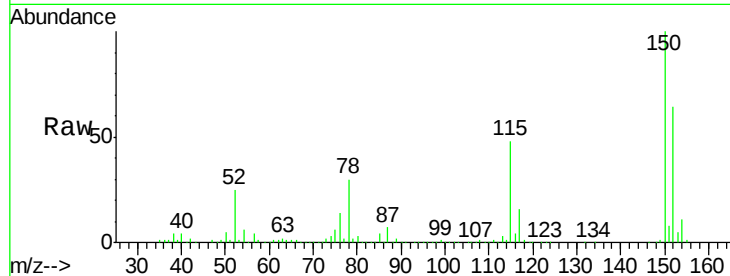




#15
Benzyl Alcohol
Concen: 2.32 ng
RT: 6.82 min Scan# 414
Delta R.T. -0.02 min
Lab File: BF084908.D
Acq: 6 Feb 2016 13:35

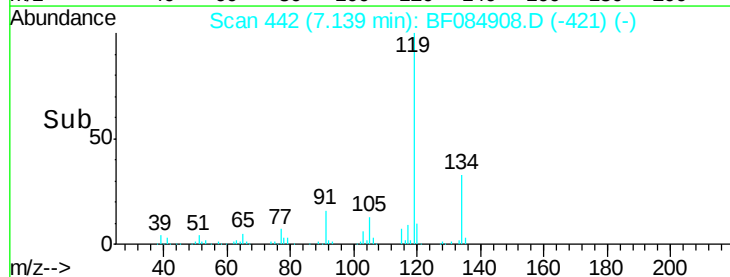
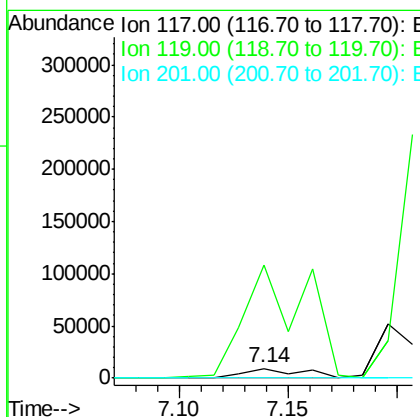
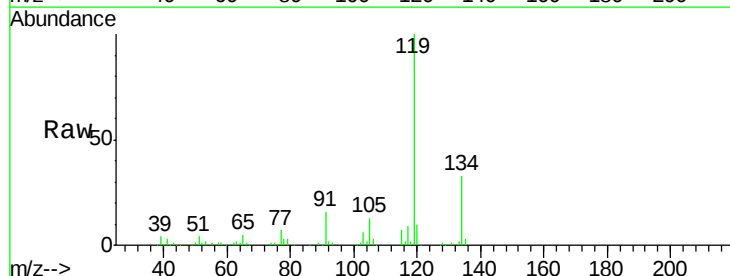
Instrument :
BNA_F
ClientSampleId :
SUP-B008(25-27)

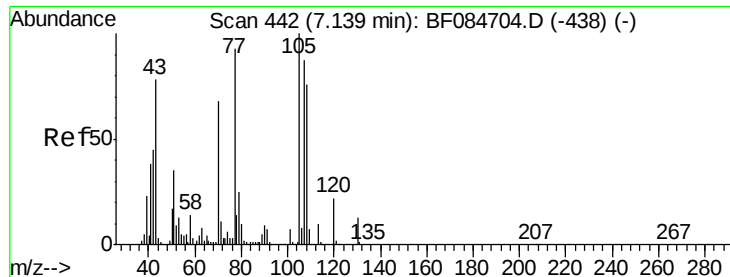
Tgt Ion: 79 Resp: 21705
Ion Ratio Lower Upper
79 100
108 29.1 69.0 103.4#
77 96.5 50.0 75.0#



#18
Hexachloroethane
Concen: 3.55 ng
RT: 7.14 min Scan# 442
Delta R.T. -0.06 min
Lab File: BF084908.D
Acq: 6 Feb 2016 13:35

Tgt Ion: 117 Resp: 17836
Ion Ratio Lower Upper
117 100
119 1123.8 77.4 116.0#
201 0.0 68.6 103.0#

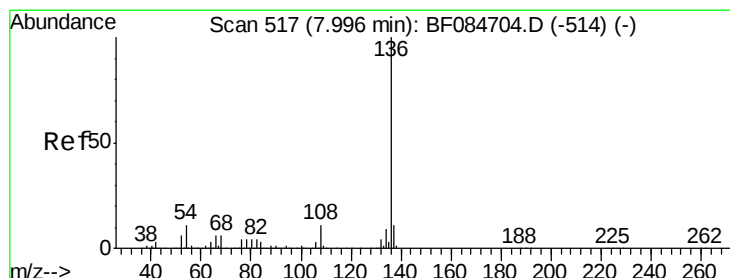
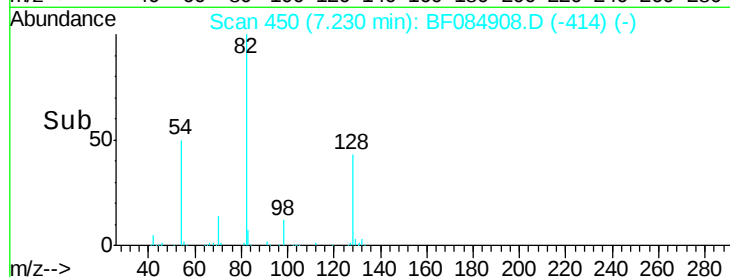
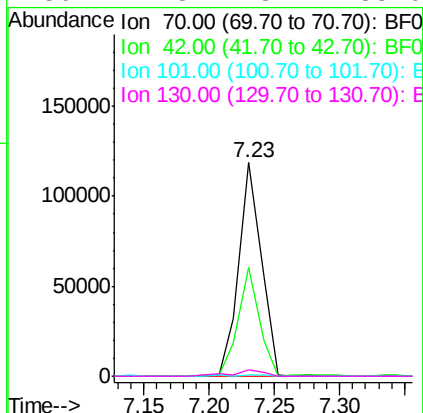
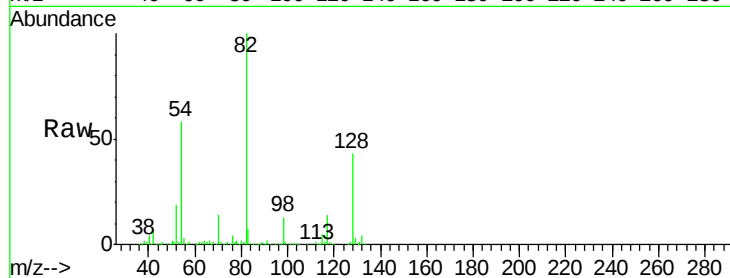




#19
n-Nitroso-di-n-propylamine
Concen: 16.76 ng
RT: 7.23 min Scan# 450
Delta R.T. 0.11 min
Lab File: BF084908.D
Acq: 6 Feb 2016 13:35

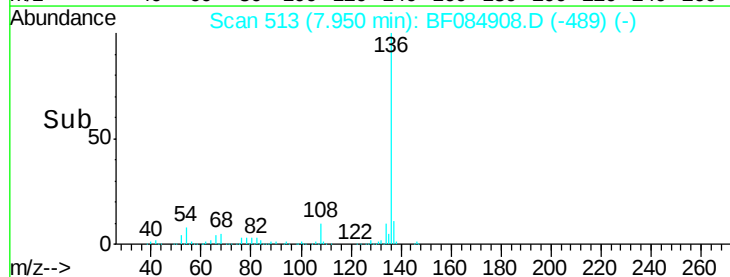
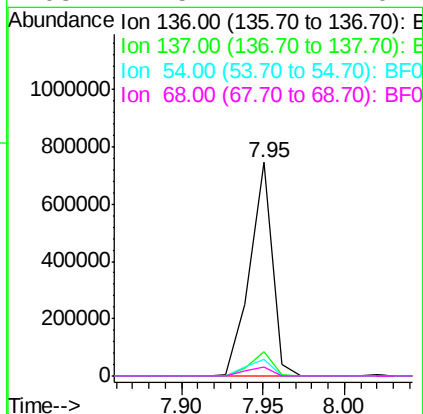
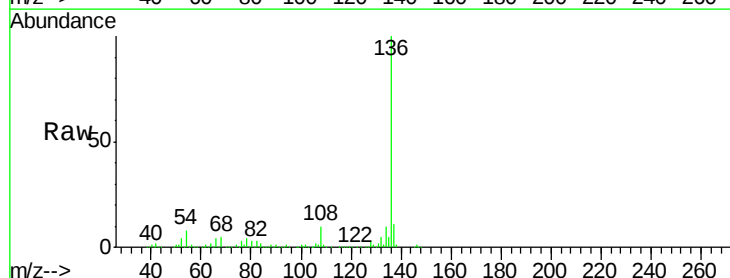
Instrument :
BNA_F
ClientSampleId :
SUP-B008(25-27)

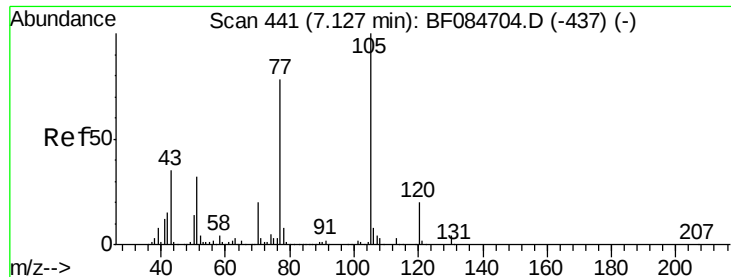
Tgt Ion: 70 Resp: 142275
Ion Ratio Lower Upper
70 100
42 51.2 33.3 49.9#
101 0.5 9.3 13.9#
130 2.8 23.4 35.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.95 min Scan# 513
Delta R.T. -0.02 min
Lab File: BF084908.D
Acq: 6 Feb 2016 13:35

Tgt Ion:136 Resp: 714966
Ion Ratio Lower Upper
136 100
137 11.2 8.7 13.1
54 8.1 5.8 8.8
68 4.5 4.2 6.2

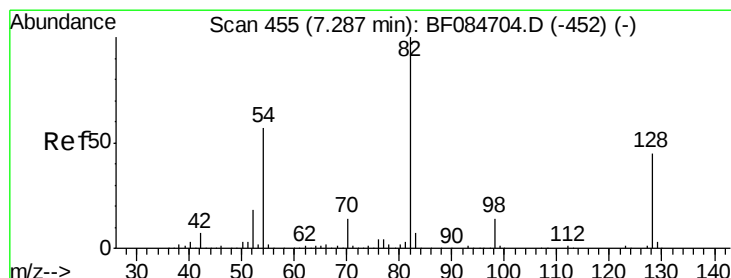
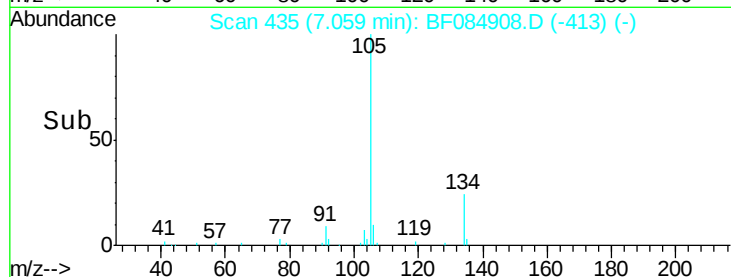
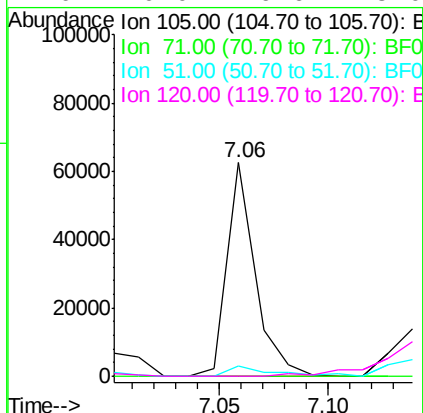
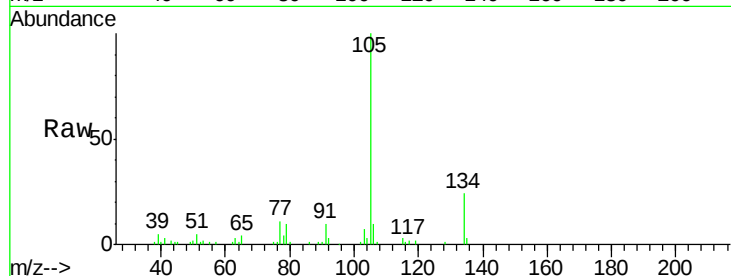




#22
Acetophenone
Concen: 2.99 ng
RT: 7.06 min Scan# 435
Delta R.T. -0.05 min
Lab File: BF084908.D
Acq: 6 Feb 2016 13:35

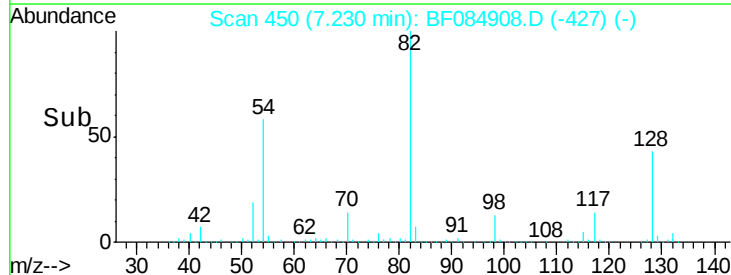
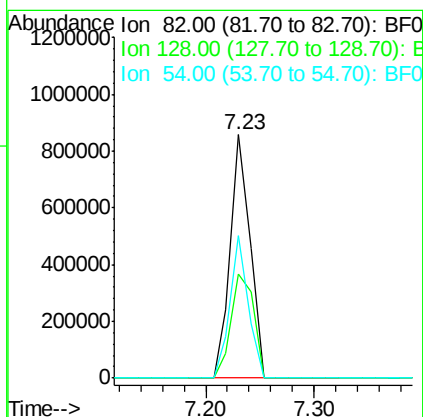
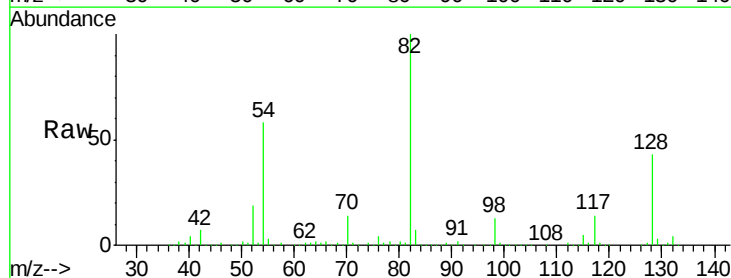
Instrument :
BNA_F
ClientSampleId :
SUP-B008(25-27)

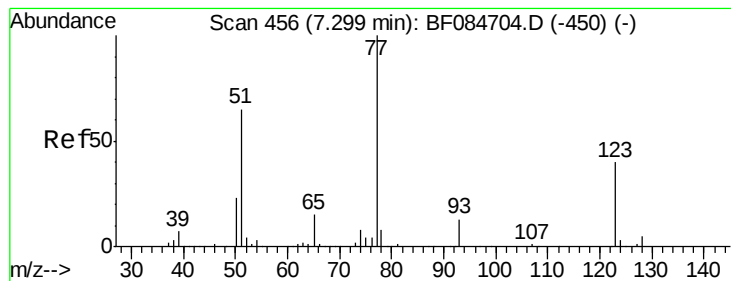
Tgt Ion: 105 Resp: 56347
Ion Ratio Lower Upper
105 100
71 0.0 3.7 5.5#
51 4.7 25.1 37.7#
120 0.0 16.6 25.0#



#23
Nitrobenzene-d5
Concen: 84.58 ng
RT: 7.23 min Scan# 450
Delta R.T. -0.03 min
Lab File: BF084908.D
Acq: 6 Feb 2016 13:35

Tgt Ion: 82 Resp: 1073468
Ion Ratio Lower Upper
82 100
128 42.6 34.6 51.8
54 58.3 38.4 57.6#





#24

Nitrobenzene

Concen: 2.31 ng

RT: 7.21 min Scan# 448

Delta R.T. -0.07 min

Lab File: BF084908.D

Acq: 6 Feb 2016 13:35

Instrument :

BNA_F

ClientSampleId :

SUP-B008(25-27)

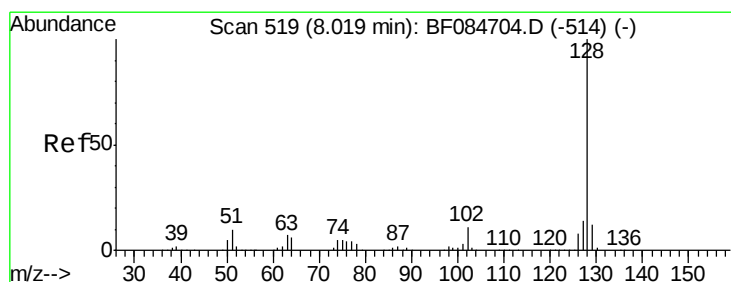
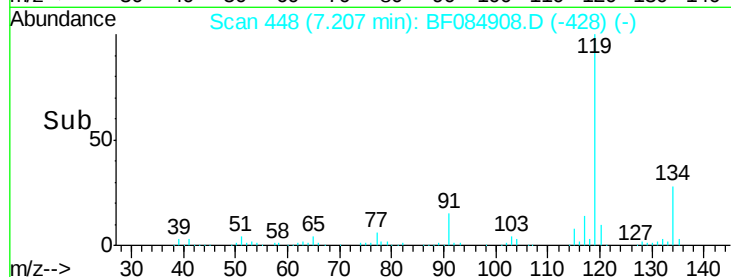
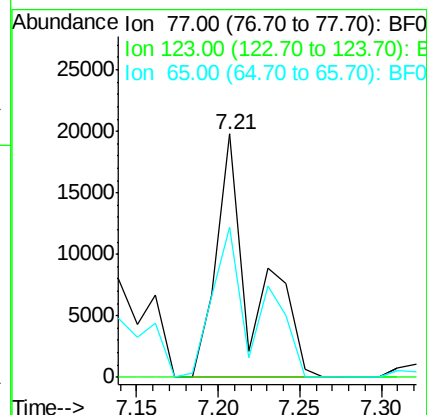
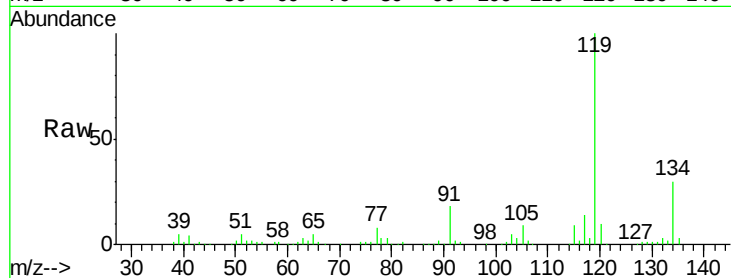
Tgt Ion: 77 Resp: 31369

Ion Ratio Lower Upper

77 100

123 0.0 37.4 56.2#

65 61.5 10.9 16.3#



#31

Naphthalene

Concen: 53.18 ng

RT: 7.97 min Scan# 515

Delta R.T. -0.02 min

Lab File: BF084908.D

Acq: 6 Feb 2016 13:35

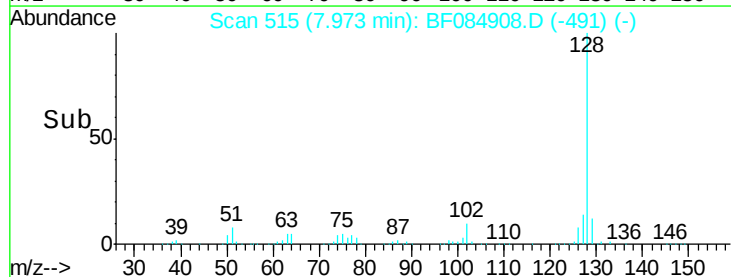
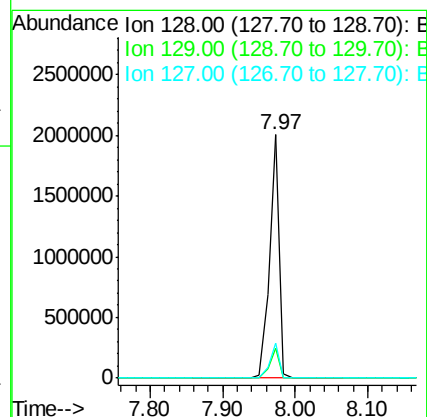
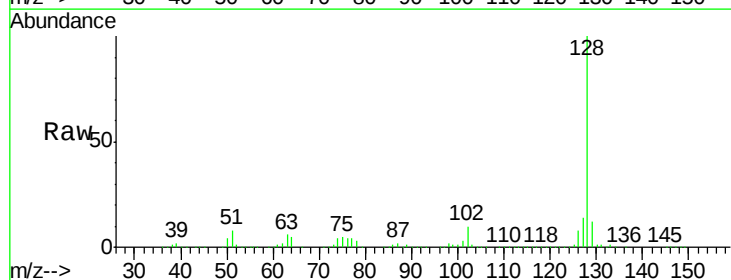
Tgt Ion: 128 Resp: 1907306

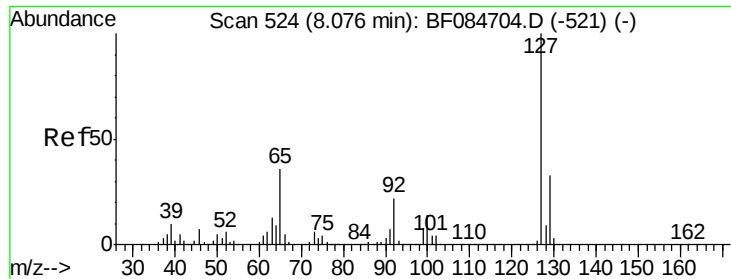
Ion Ratio Lower Upper

128 100

129 12.0 9.1 13.7

127 14.3 11.1 16.7

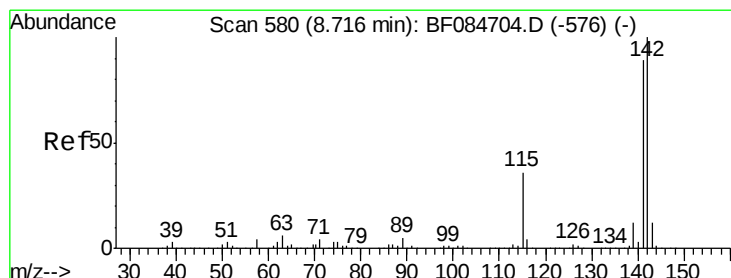
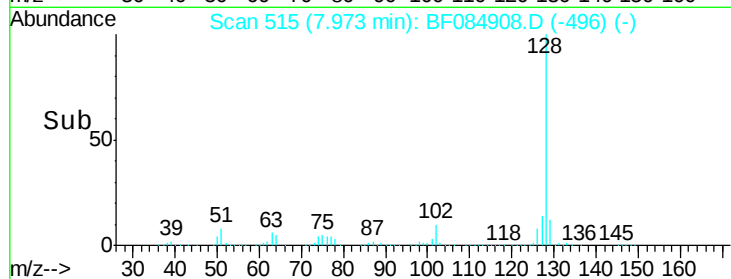
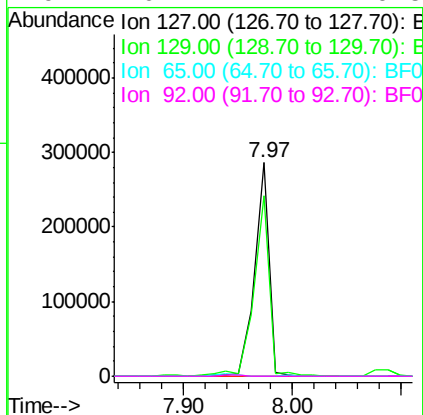
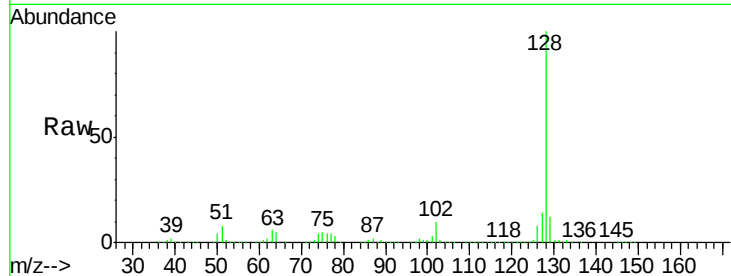




#33
4-Chloroaniline
Concen: 18.03 ng
RT: 7.97 min Scan# 515
Delta R.T. -0.08 min
Lab File: BF084908.D
Acq: 6 Feb 2016 13:35

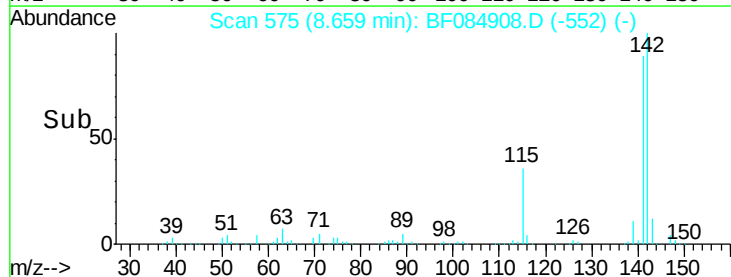
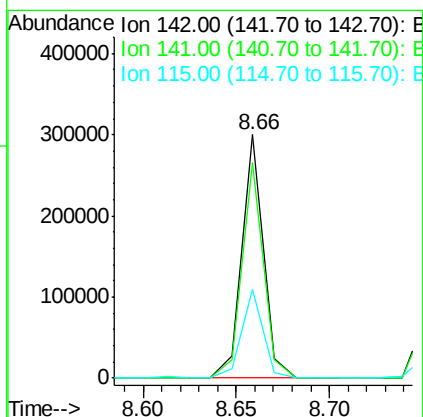
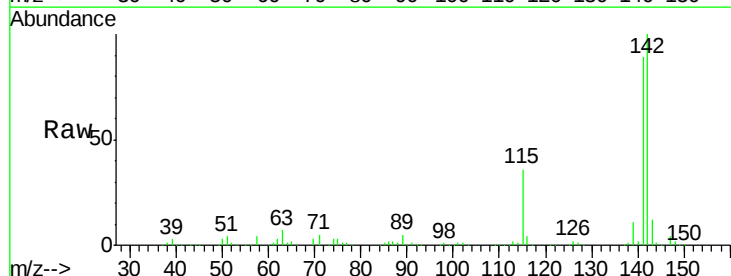
Instrument :
BNA_F
ClientSampleId :
SUP-B008(25-27)

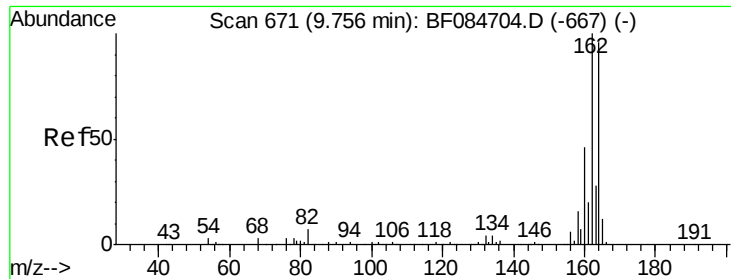
Tgt Ion:	127	Resp:	267435
Ion Ratio	Lower	Upper	
127	100		
129	84.3	26.5	39.7#
65	0.0	27.2	40.8#
92	0.2	17.7	26.5#



#37
2-Methylnaphthalene
Concen: 10.76 ng
RT: 8.66 min Scan# 575
Delta R.T. -0.03 min
Lab File: BF084908.D
Acq: 6 Feb 2016 13:35

Tgt Ion:	142	Resp:	241547
Ion Ratio	Lower	Upper	
142	100		
141	88.6	72.4	108.6
115	36.2	27.9	41.9





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.70 min Scan# 666

Delta R.T. -0.03 min

Lab File: BF084908.D

Acq: 6 Feb 2016 13:35

Instrument :

BNA_F

ClientSampleId :

SUP-B008(25-27)

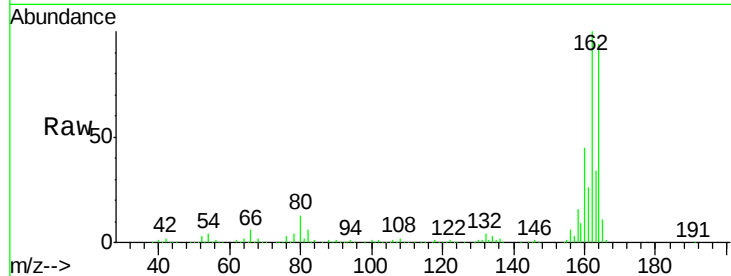
Tgt Ion:164 Resp: 309831

Ion Ratio Lower Upper

164 100

162 106.2 85.1 127.7

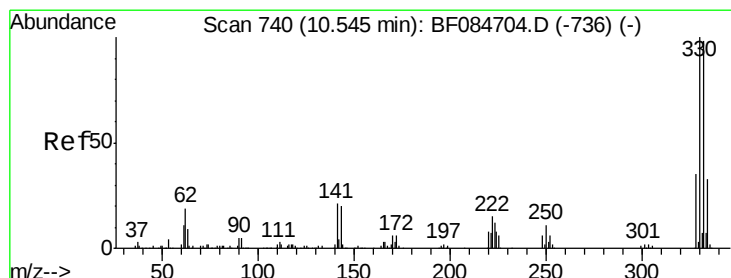
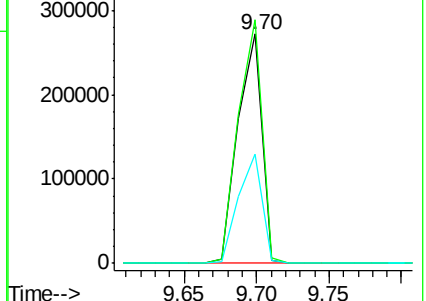
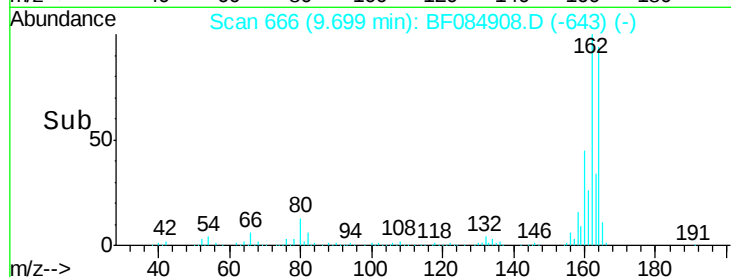
160 47.9 37.5 56.3



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: 131.77 ng

RT: 10.49 min Scan# 735

Delta R.T. -0.03 min

Lab File: BF084908.D

Acq: 6 Feb 2016 13:35

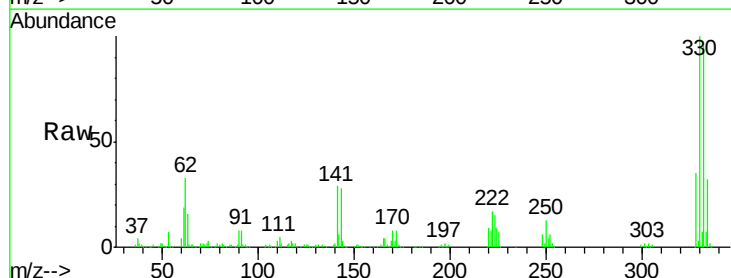
Tgt Ion:330 Resp: 425839

Ion Ratio Lower Upper

330 100

332 94.9 76.6 114.8

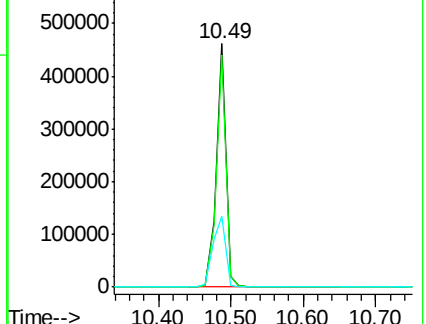
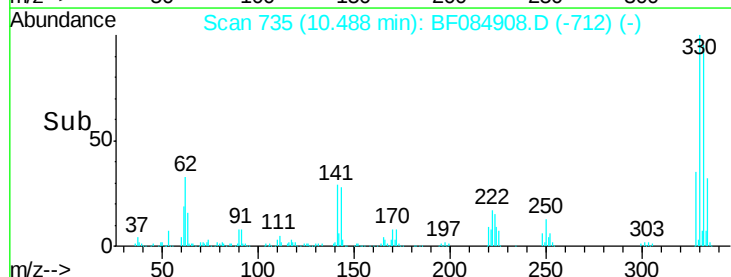
141 37.7 27.8 41.6

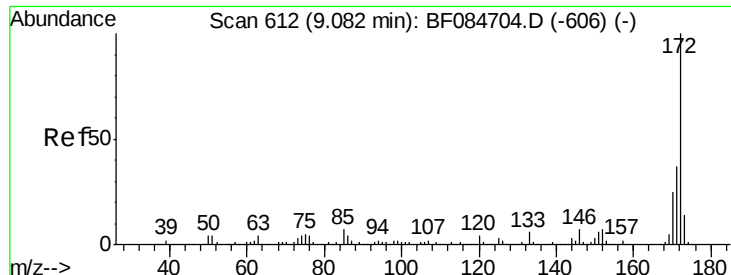


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

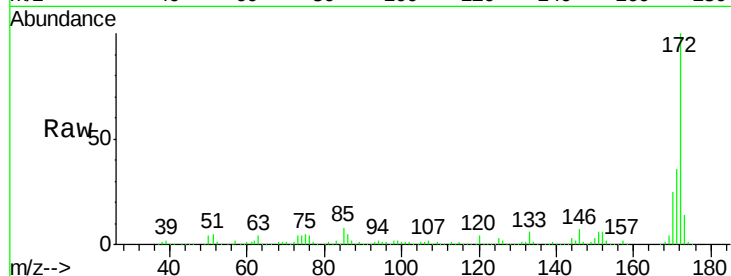




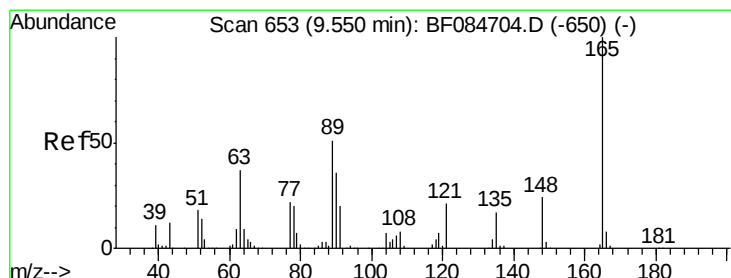
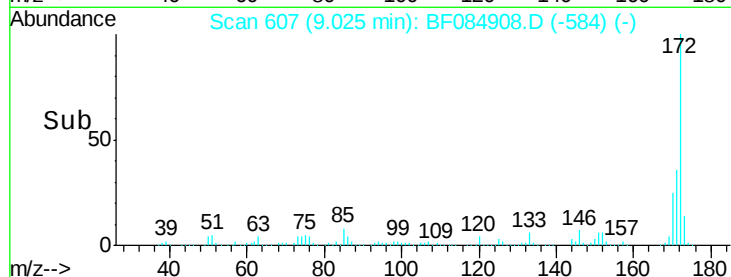
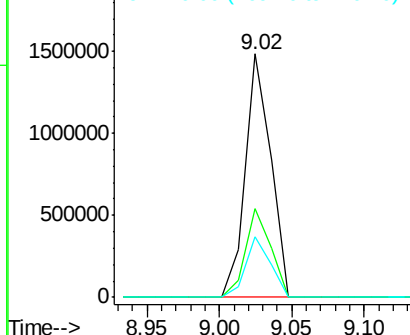
#44
 2-Fluorobiphenyl
 Concen: 107.20 ng
 RT: 9.02 min Scan# 607
 Delta R.T. -0.03 min
 Lab File: BF084908.D
 Acq: 6 Feb 2016 13:35

Instrument :
 BNA_F
 ClientSampleId :
 SUP-B008(25-27)

Tgt Ion:172 Resp: 1800004
 Ion Ratio Lower Upper
 172 100
 171 36.4 28.9 43.3
 170 24.8 18.6 27.8

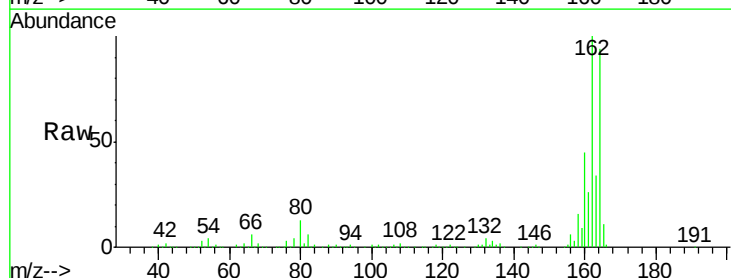


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

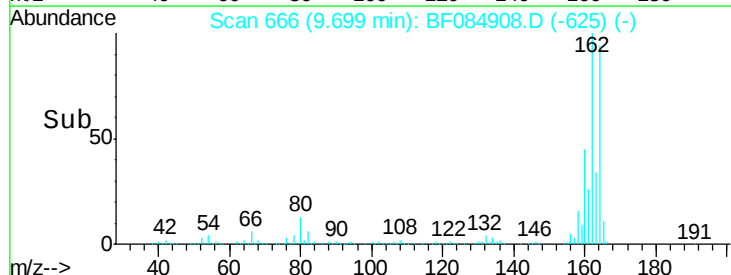
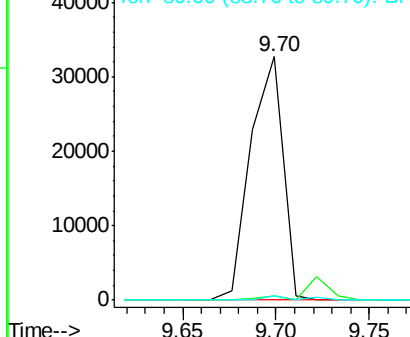


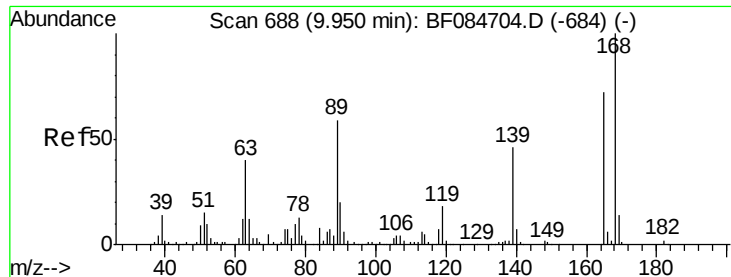
#50
 2,6-Dinitrotoluene
 Concen: 7.64 ng
 RT: 9.70 min Scan# 666
 Delta R.T. 0.17 min
 Lab File: BF084908.D
 Acq: 6 Feb 2016 13:35

Tgt Ion:165 Resp: 39403
 Ion Ratio Lower Upper
 165 100
 63 1.8 28.8 43.2#
 89 1.7 35.1 52.7#



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

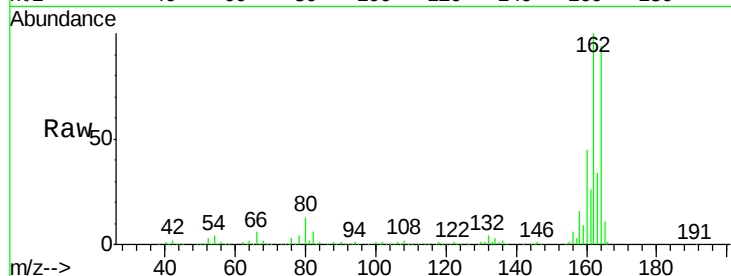




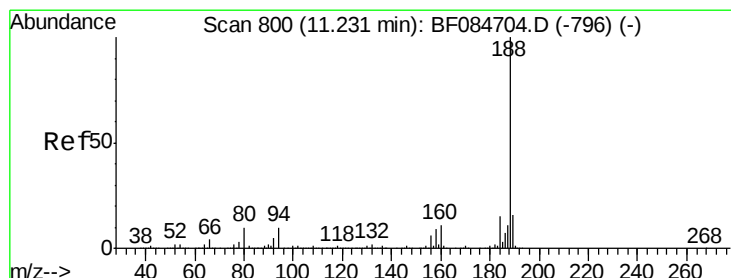
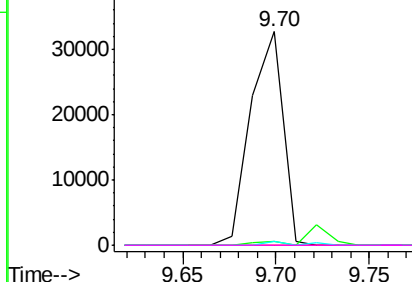
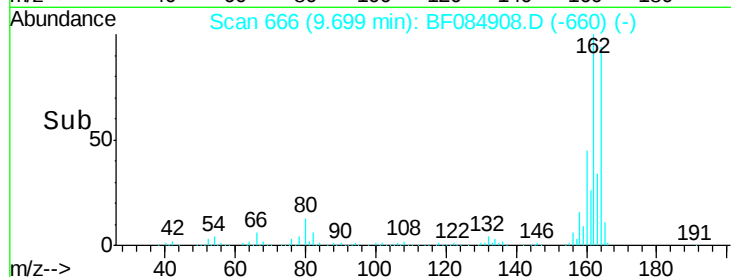
#56
 2,4-Dinitrotoluene
 Concen: 5.99 ng
 RT: 9.70 min Scan# 666
 Delta R.T. -0.23 min
 Lab File: BF084908.D
 Acq: 6 Feb 2016 13:35

Instrument :
 BNA_F
 ClientSampleId :
 SUP-B008(25-27)

Tgt Ion:165 Resp: 39403
 Ion Ratio Lower Upper
 165 100
 63 1.8 36.7 55.1#
 89 1.7 61.9 92.9#
 182 0.0 2.0 3.0#

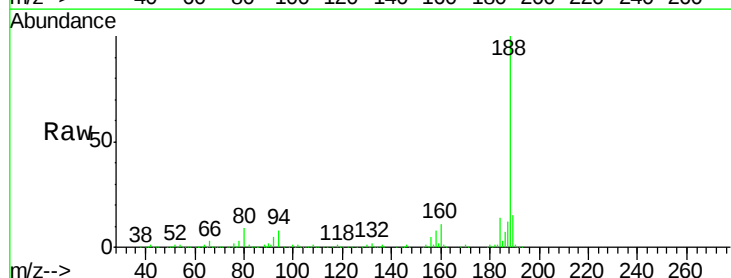


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

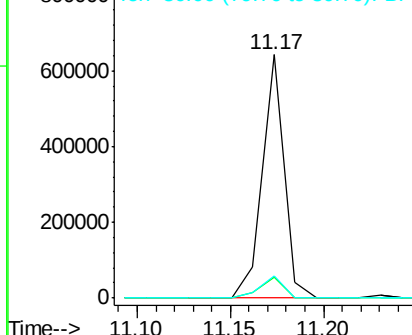
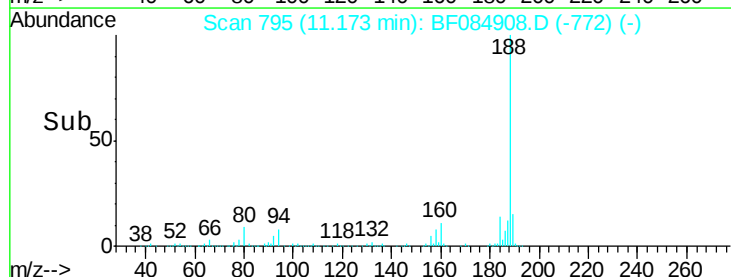


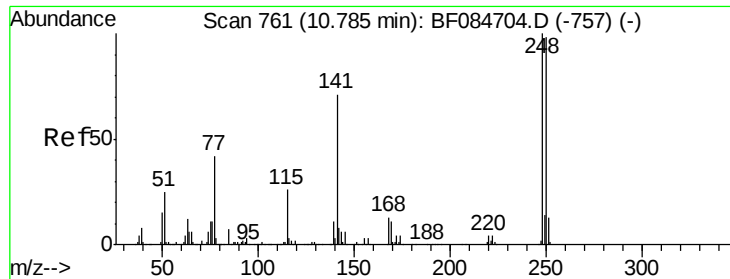
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.17 min Scan# 795
 Delta R.T. -0.03 min
 Lab File: BF084908.D
 Acq: 6 Feb 2016 13:35

Tgt Ion:188 Resp: 526517
 Ion Ratio Lower Upper
 188 100
 94 8.4 9.0 13.4#
 80 9.0 9.6 14.4#



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: 4.89 ng

RT: 10.49 min Scan# 735

Delta R.T. -0.27 min

Lab File: BF084908.D

Acq: 6 Feb 2016 13:35

Instrument :

BNA_F

ClientSampleId :

SUP-B008(25-27)

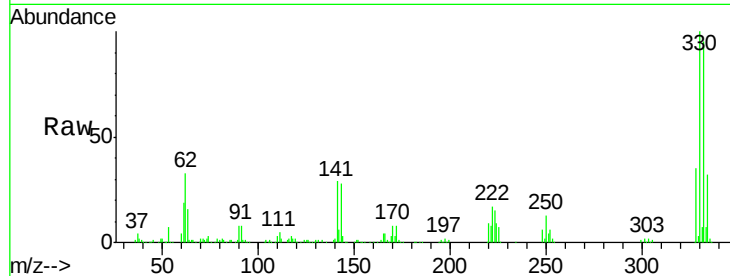
Tgt Ion:248 Resp: 28460

Ion Ratio Lower Upper

248 100

250 198.8 78.4 117.6#

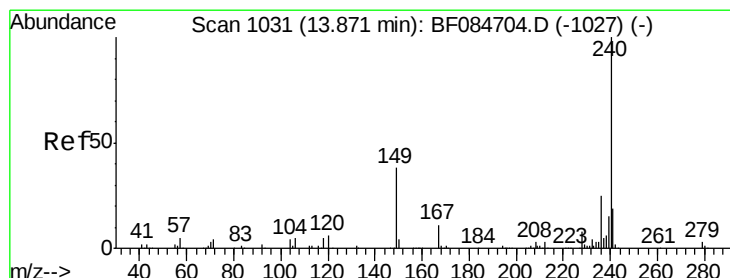
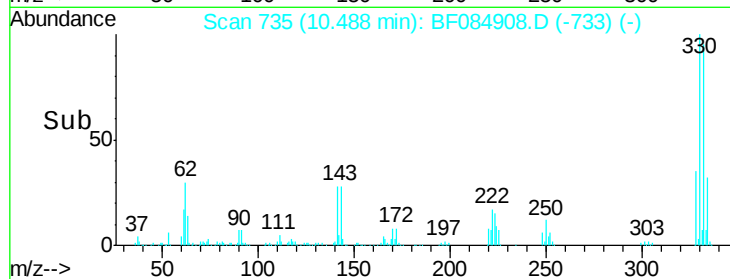
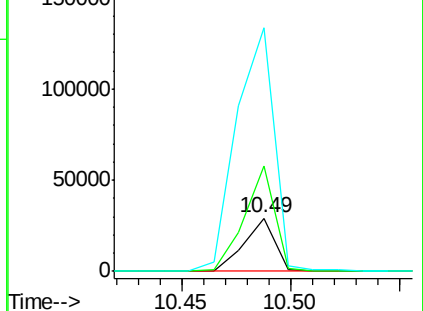
141 458.2 44.0 66.0#



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: 13.80 min Scan# 1025

Delta R.T. -0.03 min

Lab File: BF084908.D

Acq: 6 Feb 2016 13:35

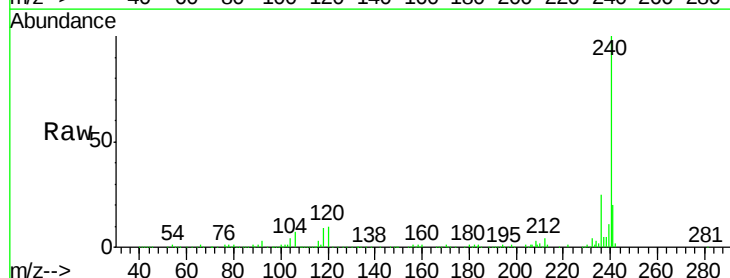
Tgt Ion:240 Resp: 357225

Ion Ratio Lower Upper

240 100

120 9.7 9.5 14.3

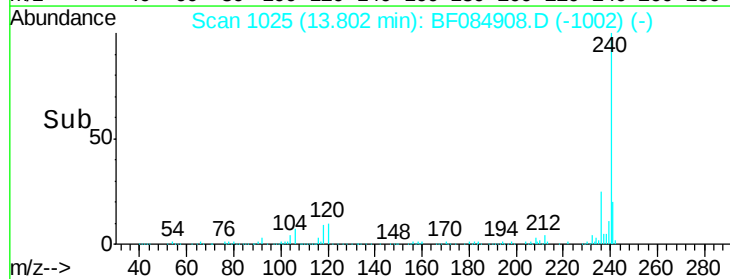
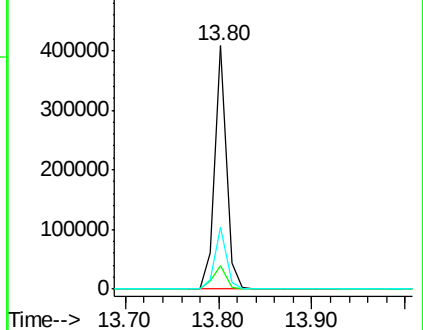
236 25.3 20.6 31.0

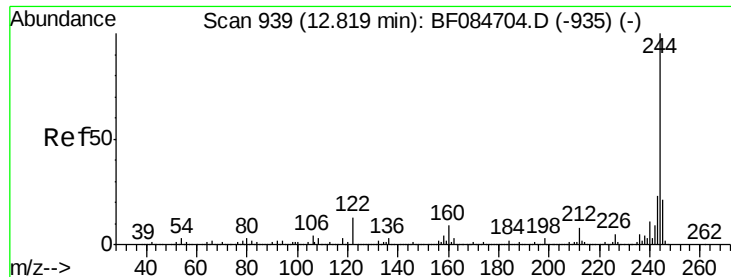


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 82.92 ng

RT: 12.76 min Scan# 934

Delta R.T. -0.03 min

Lab File: BF084908.D

Acq: 6 Feb 2016 13:35

Instrument :

BNA_F

ClientSampleId :

SUP-B008(25-27)

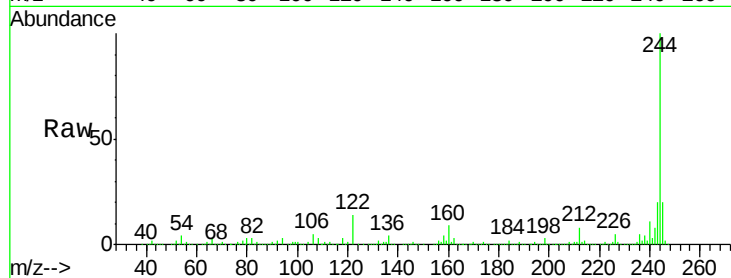
Tgt Ion:244 Resp: 1307178

Ion Ratio Lower Upper

244 100

212 7.5 5.7 8.5

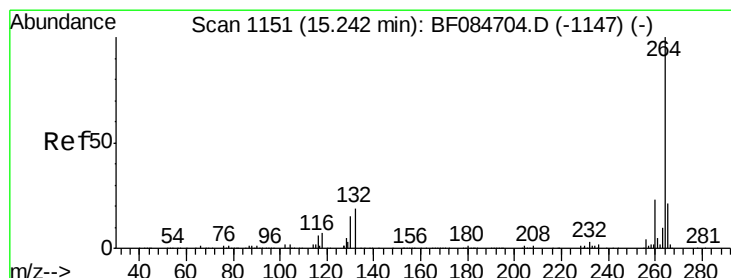
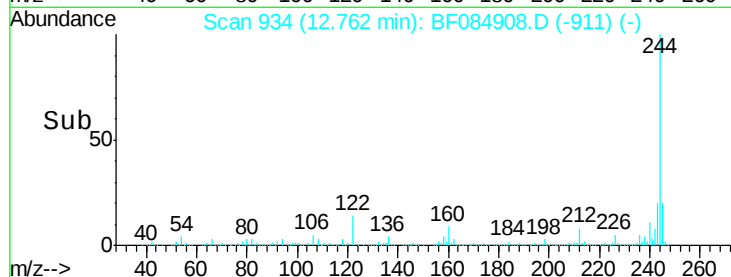
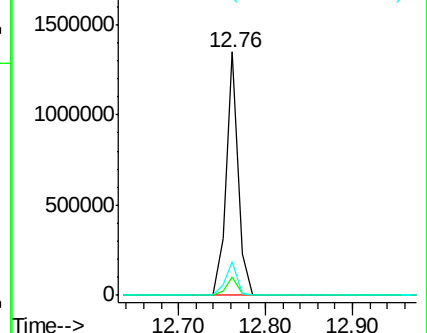
122 13.9 7.4 11.0#



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: 15.17 min Scan# 1145

Delta R.T. -0.03 min

Lab File: BF084908.D

Acq: 6 Feb 2016 13:35

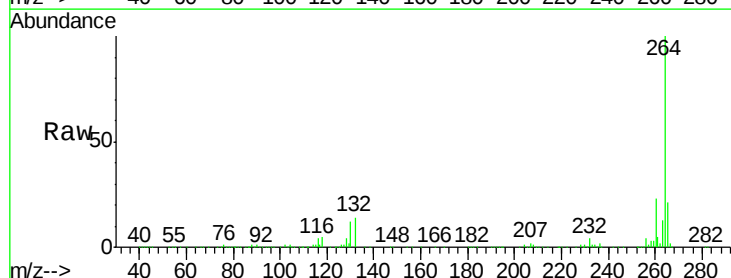
Tgt Ion:264 Resp: 341461

Ion Ratio Lower Upper

264 100

260 23.1 19.4 29.2

265 21.3 17.8 26.6



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

