

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020616\
 Data File : BF084910.D
 Acq On : 6 Feb 2016 14:31
 Operator : SJ/IZ
 Sample : H1325-01
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S4-B016(17-19)

Quant Time: Feb 08 01:21:43 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

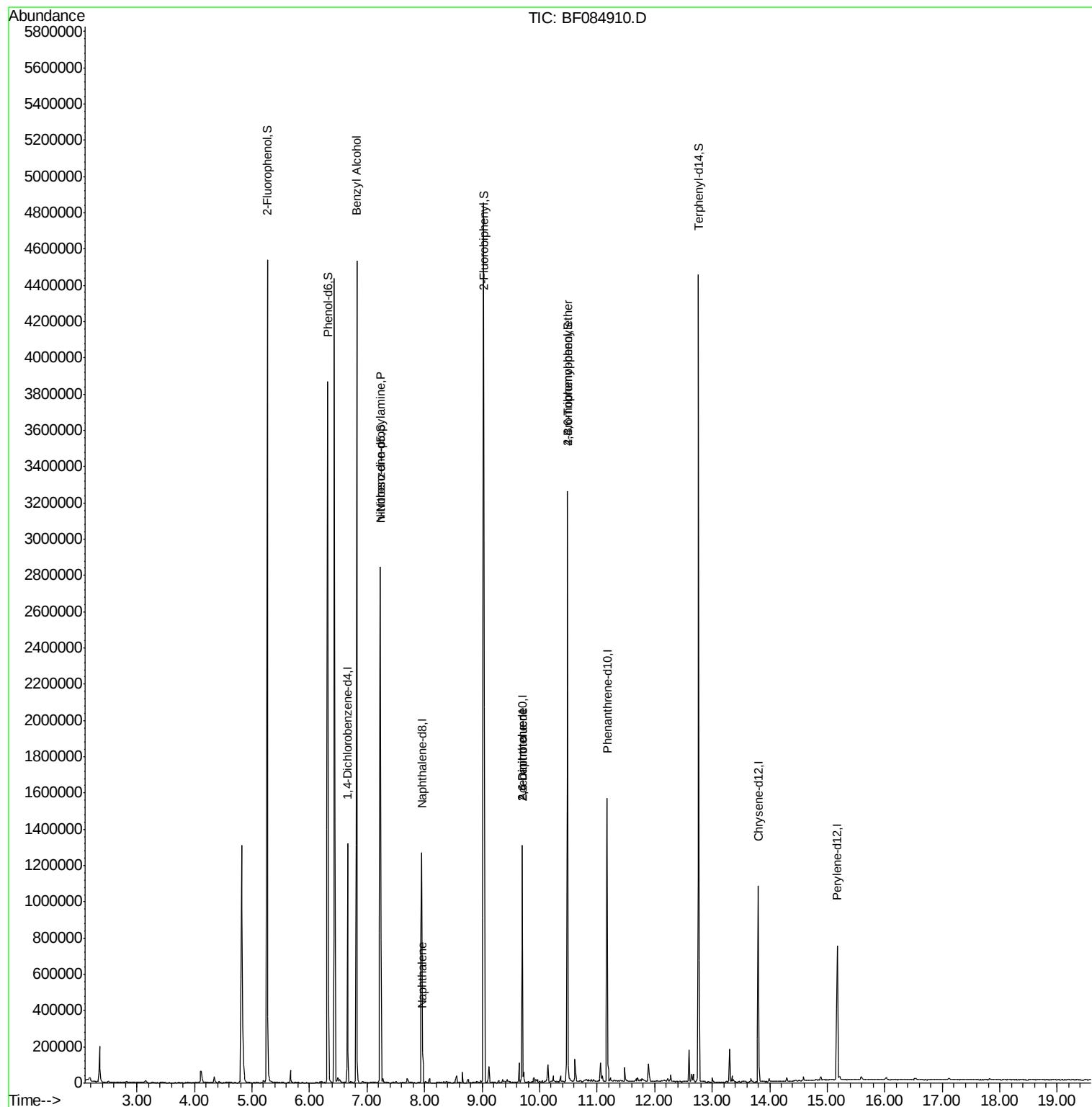
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	174147	20.00	ng	-0.02
21) Naphthalene-d8	7.95	136	699669	20.00	ng	-0.02
38) Acenaphthene-d10	9.70	164	307898	20.00	ng	-0.03
63) Phenanthrene-d10	11.17	188	541617	20.00	ng	-0.03
75) Chrysene-d12	13.80	240	369288	20.00	ng	-0.03
86) Perylene-d12	15.17	264	332547	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	1322348	118.27	ng	-0.01
7) Phenol-d6	6.32	99	1397737	100.84	ng	-0.02
23) Nitrobenzene-d5	7.23	82	1036852	83.48	ng	-0.03
41) 2,4,6-Tribromophenol	10.49	330	441453	137.45	ng	-0.03
44) 2-Fluorobiphenyl	9.02	172	1819059	110.65	ng	-0.03
78) Terphenyl-d14	12.76	244	1396715	85.71	ng	-0.03
Target Compounds						
15) Benzyl Alcohol	6.82	79	20117	2.10	ng	# 42
19) n-Nitroso-di-n-propylamine	7.23	70	140287	16.15	ng	# 73
31) Naphthalene	7.96	128	85355	2.43	ng	97
50) 2,6-Dinitrotoluene	9.70	165	39959	7.80	ng	# 38
56) 2,4-Dinitrotoluene	9.70	165	39959	6.12	ng	# 22
66) 4-Bromophenyl-phenylether	10.49	248	30455	5.09	ng	# 1

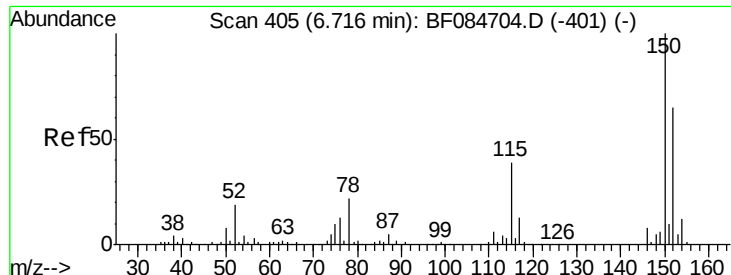
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF084910.D

Acq: 6 Feb 2016 14:31

Instrument :

BNA_F

ClientSampleId :

S4-B016(17-19)

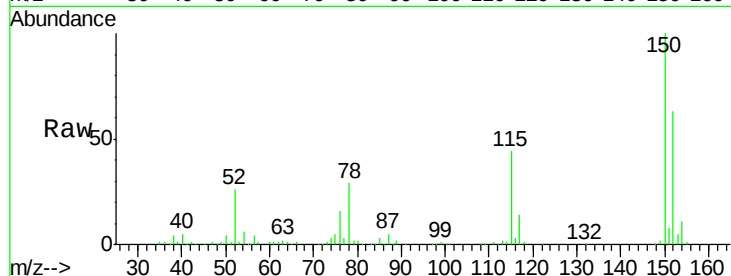
Tgt Ion:152 Resp: 174147

Ion Ratio Lower Upper

152 100

150 157.6 123.0 184.4

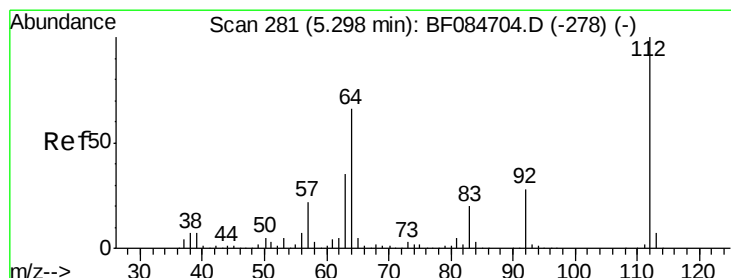
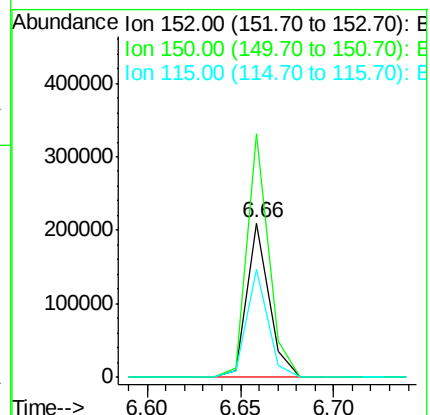
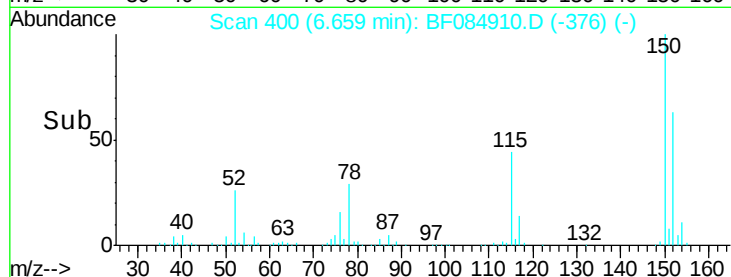
115 69.5 51.4 77.2



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: 118.27 ng

RT: 5.26 min Scan# 278

Delta R.T. -0.01 min

Lab File: BF084910.D

Acq: 6 Feb 2016 14:31

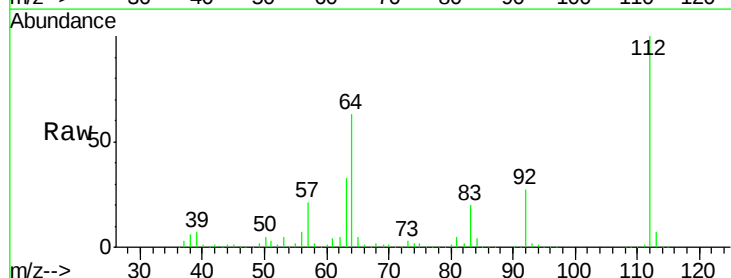
Tgt Ion:112 Resp: 1322348

Ion Ratio Lower Upper

112 100

64 63.3 36.6 55.0#

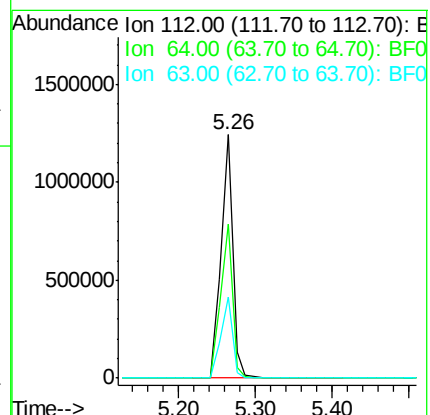
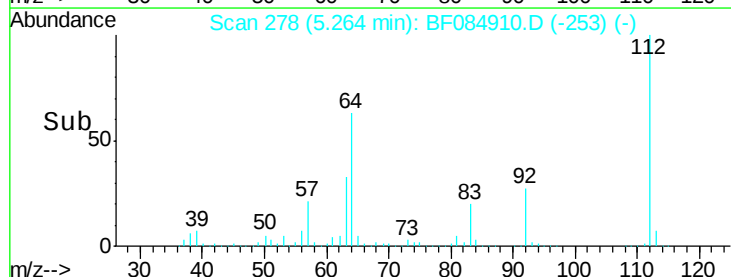
63 33.4 19.4 29.0#

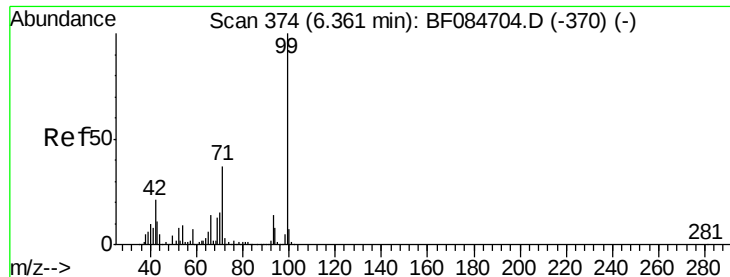


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 100.84 ng

RT: 6.32 min Scan# 370

Delta R.T. -0.02 min

Lab File: BF084910.D

Acq: 6 Feb 2016 14:31

Instrument :

BNA_F

ClientSampleId :

S4-B016(17-19)

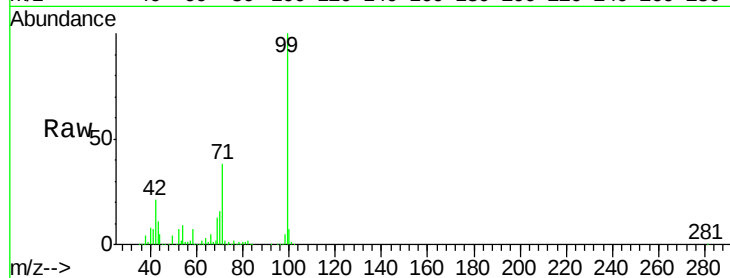
Tgt Ion: 99 Resp: 1397737

Ion Ratio Lower Upper

99 100

42 20.5 12.8 19.2#

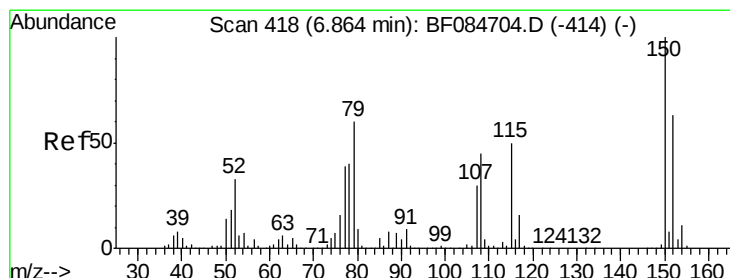
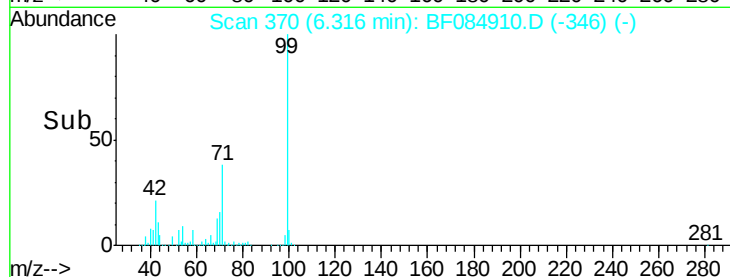
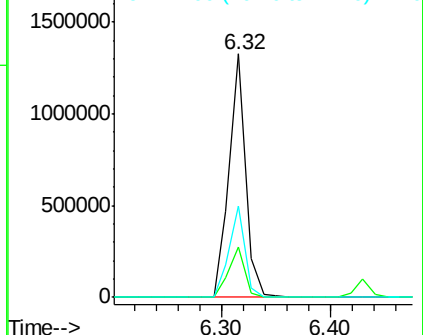
71 37.7 30.9 46.3



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



#15

Benzyl Alcohol

Concen: 2.10 ng

RT: 6.82 min Scan# 414

Delta R.T. -0.02 min

Lab File: BF084910.D

Acq: 6 Feb 2016 14:31

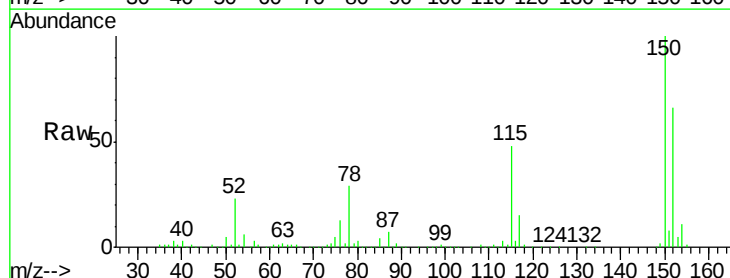
Tgt Ion: 79 Resp: 20117

Ion Ratio Lower Upper

79 100

108 28.3 69.0 103.4#

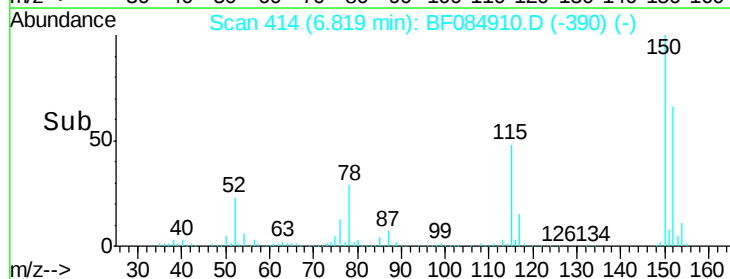
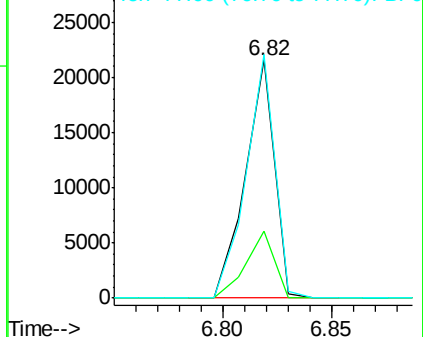
77 102.1 50.0 75.0#

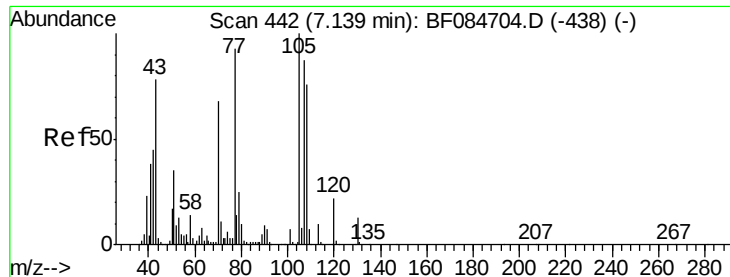


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

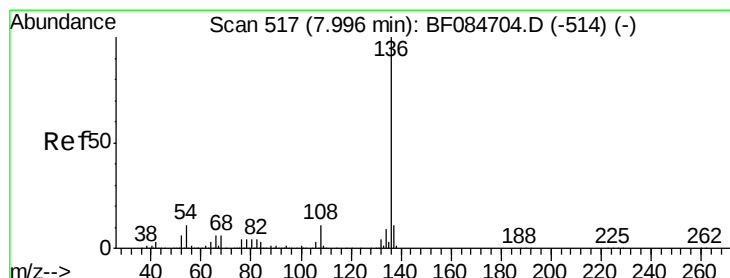
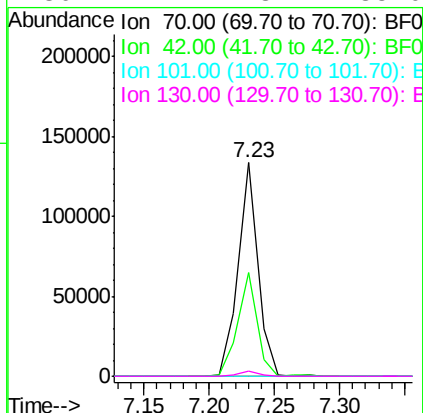
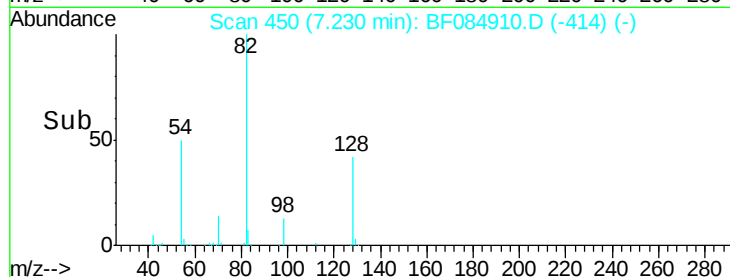
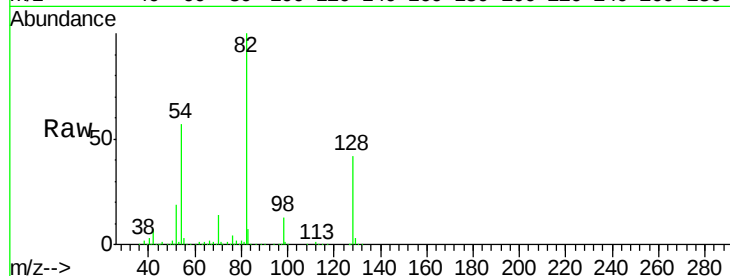




#19
n-Nitroso-di-n-propylamine
Concen: 16.15 ng
RT: 7.23 min Scan# 450
Delta R.T. 0.11 min
Lab File: BF084910.D
Acq: 6 Feb 2016 14:31

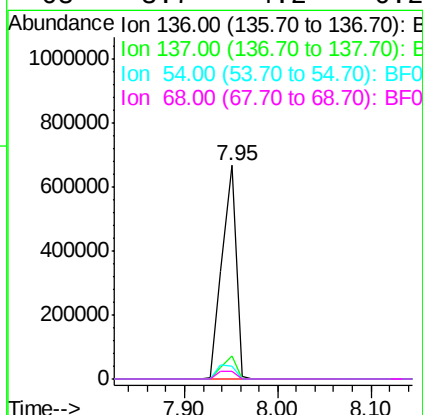
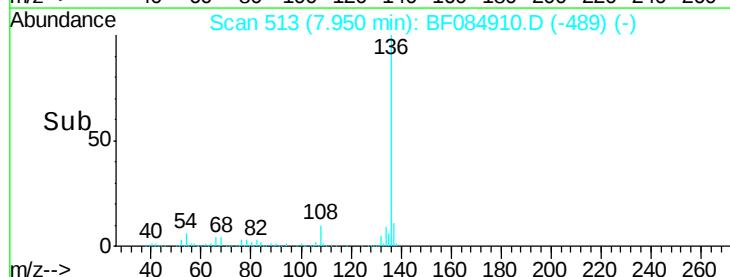
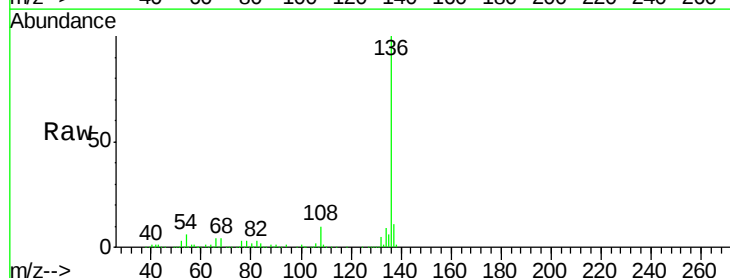
Instrument :
BNA_F
ClientSampleId :
S4-B016(17-19)

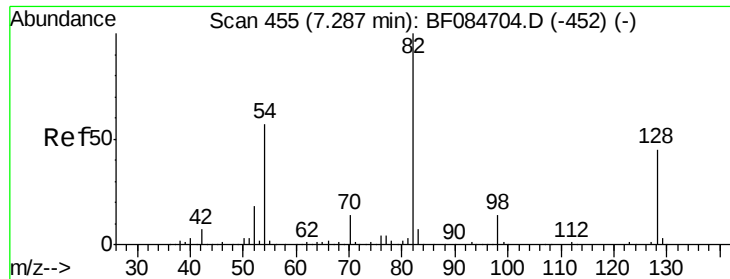
Tgt Ion	Ratio	Lower	Upper
70	100		
42	48.3	33.3	49.9
101	0.0	9.3	13.9#
130	2.2	23.4	35.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.95 min Scan# 513
Delta R.T. -0.02 min
Lab File: BF084910.D
Acq: 6 Feb 2016 14:31

Tgt Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.7	13.1
54	6.1	5.8	8.8
68	3.7	4.2	6.2#

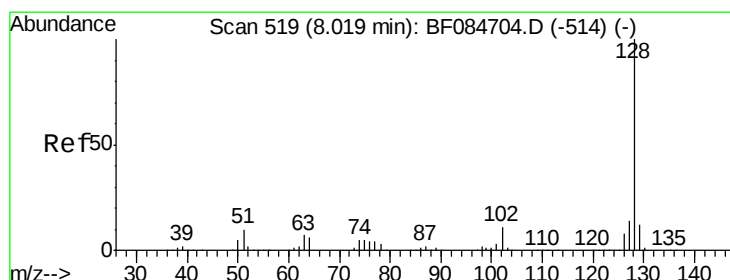
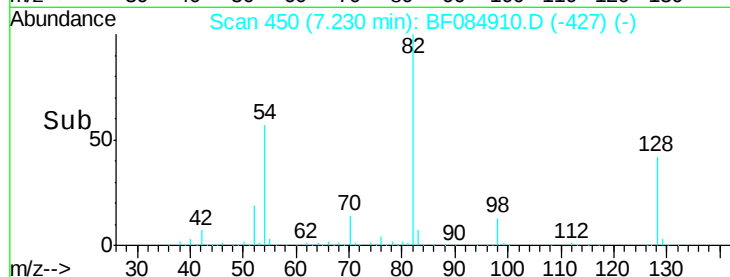
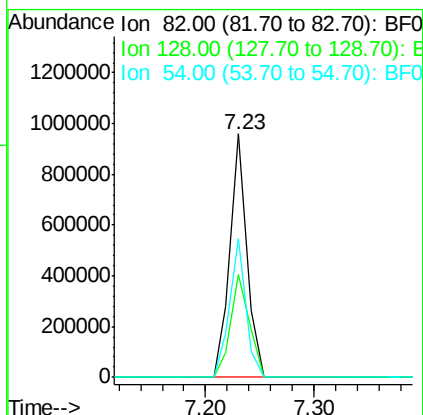
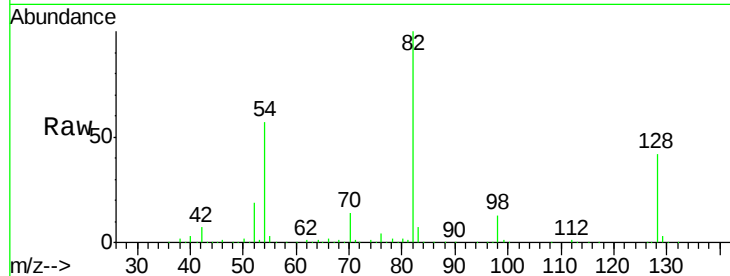




#23
 Nitrobenzene-d5
 Concen: 83.48 ng
 RT: 7.23 min Scan# 450
 Delta R.T. -0.03 min
 Lab File: BF084910.D
 Acq: 6 Feb 2016 14:31

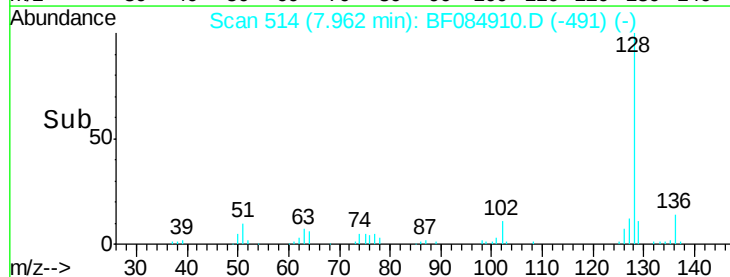
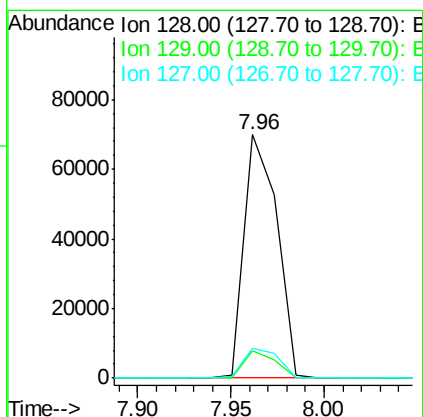
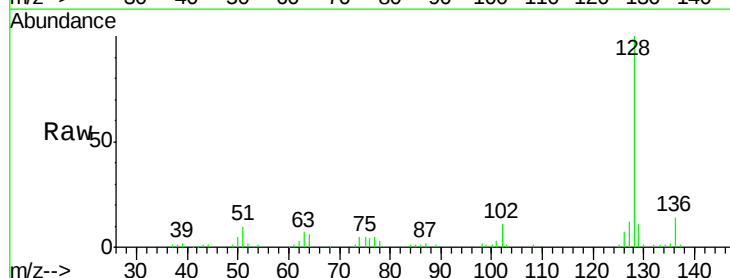
Instrument :
 BNA_F
 ClientSampleId :
 S4-B016(17-19)

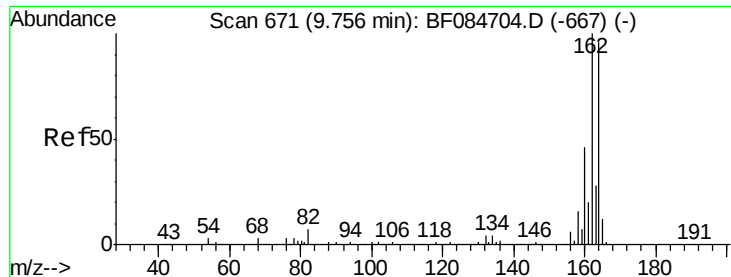
Tgt Ion: 82 Resp: 1036852
 Ion Ratio Lower Upper
 82 100
 128 42.3 34.6 51.8
 54 56.7 38.4 57.6



#31
 Naphthalene
 Concen: 2.43 ng
 RT: 7.96 min Scan# 514
 Delta R.T. -0.03 min
 Lab File: BF084910.D
 Acq: 6 Feb 2016 14:31

Tgt Ion: 128 Resp: 85355
 Ion Ratio Lower Upper
 128 100
 129 11.0 9.1 13.7
 127 12.3 11.1 16.7

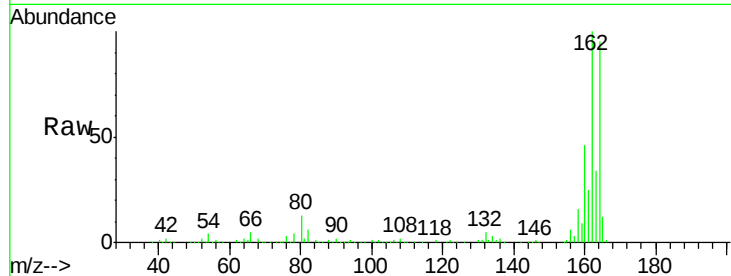




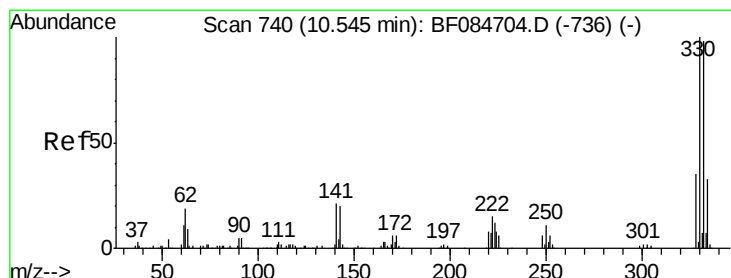
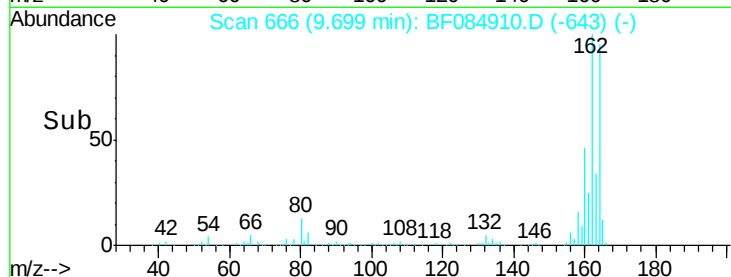
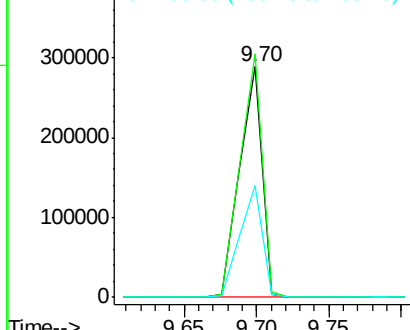
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.70 min Scan# 666
 Delta R.T. -0.03 min
 Lab File: BF084910.D
 Acq: 6 Feb 2016 14:31

Instrument :
 BNA_F
 ClientSampleId :
 S4-B016(17-19)

Tgt Ion:164 Resp: 307898
 Ion Ratio Lower Upper
 164 100
 162 105.7 85.1 127.7
 160 48.6 37.5 56.3

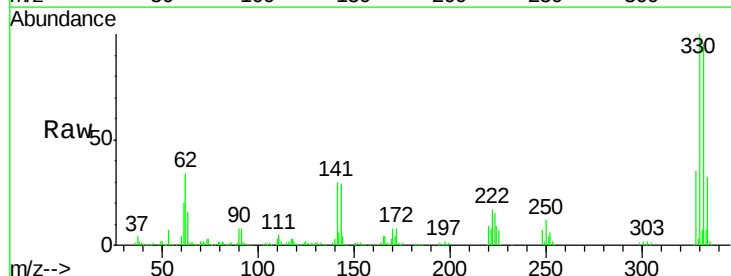


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

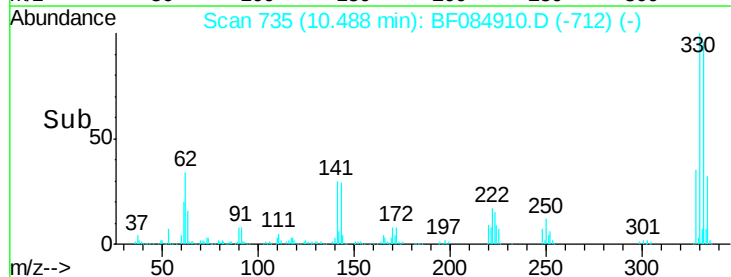
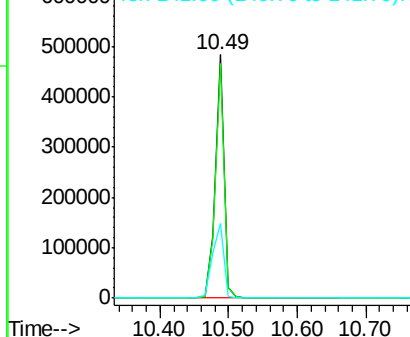


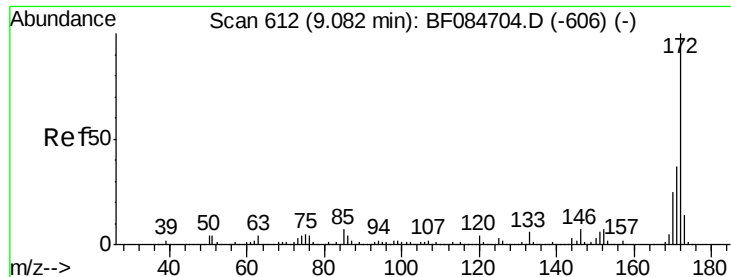
#41
 2,4,6-Tribromophenol
 Concen: 137.45 ng
 RT: 10.49 min Scan# 735
 Delta R.T. -0.03 min
 Lab File: BF084910.D
 Acq: 6 Feb 2016 14:31

Tgt Ion:330 Resp: 441453
 Ion Ratio Lower Upper
 330 100
 332 96.1 76.6 114.8
 141 38.4 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

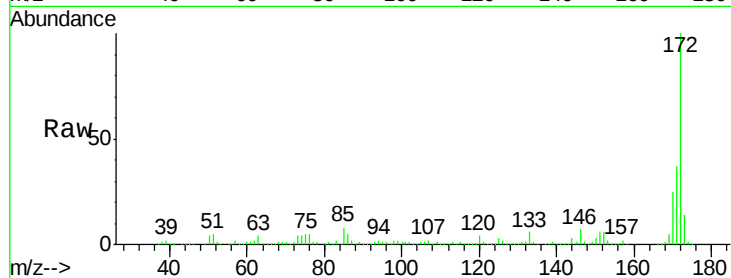




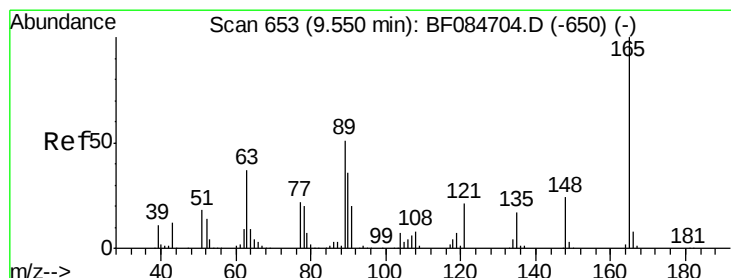
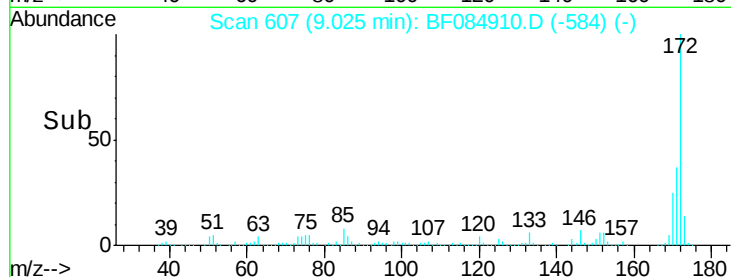
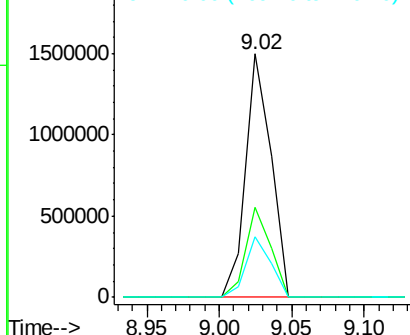
#44
 2-Fluorobiphenyl
 Concen: 110.65 ng
 RT: 9.02 min Scan# 607
 Delta R.T. -0.03 min
 Lab File: BF084910.D
 Acq: 6 Feb 2016 14:31

Instrument :
 BNA_F
 ClientSampleId :
 S4-B016(17-19)

Tgt Ion:172 Resp: 1819059
 Ion Ratio Lower Upper
 172 100
 171 36.8 28.9 43.3
 170 25.1 18.6 27.8

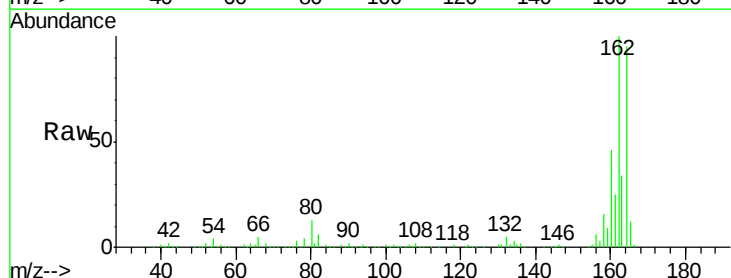


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

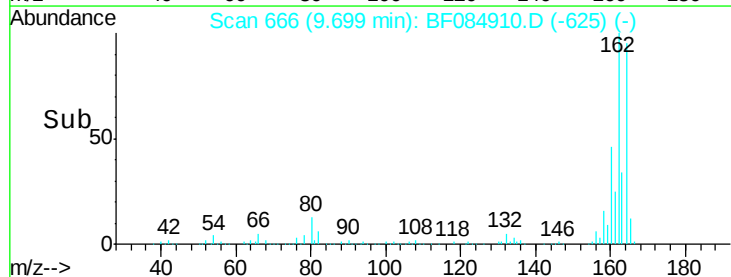
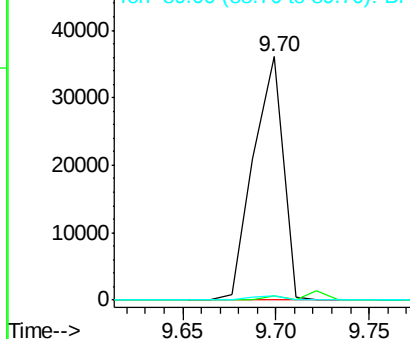


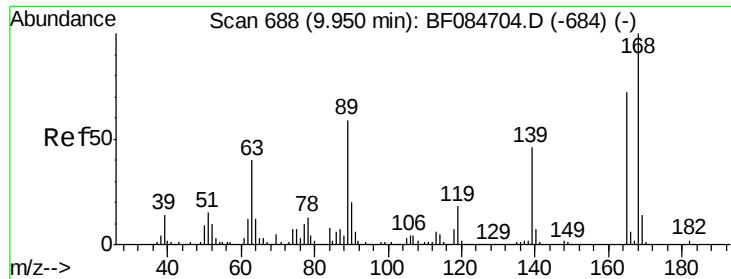
#50
 2,6-Dinitrotoluene
 Concen: 7.80 ng
 RT: 9.70 min Scan# 666
 Delta R.T. 0.17 min
 Lab File: BF084910.D
 Acq: 6 Feb 2016 14:31

Tgt Ion:165 Resp: 39959
 Ion Ratio Lower Upper
 165 100
 63 1.7 28.8 43.2#
 89 1.6 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

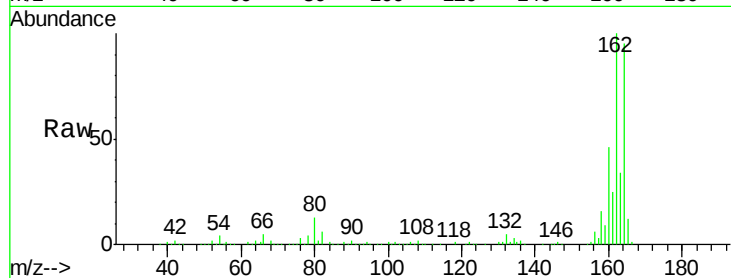




#56
 2,4-Dinitrotoluene
 Concen: 6.12 ng
 RT: 9.70 min Scan# 666
 Delta R.T. -0.23 min
 Lab File: BF084910.D
 Acq: 6 Feb 2016 14:31

Instrument :
 BNA_F
 ClientSampleId :
 S4-B016(17-19)

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.7	36.7	55.1#
89	1.6	61.9	92.9#
182	0.0	2.0	3.0#

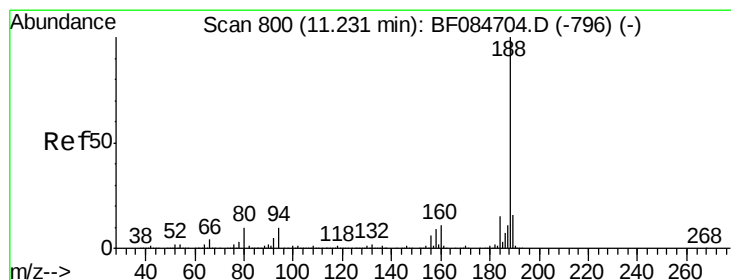
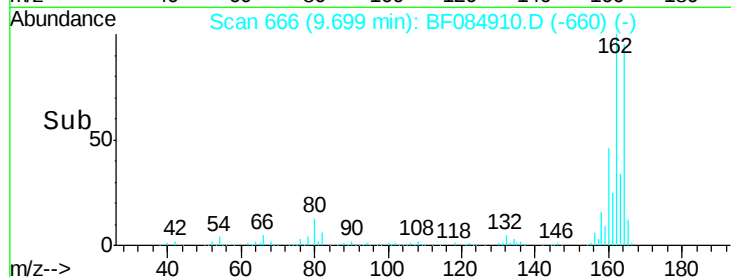
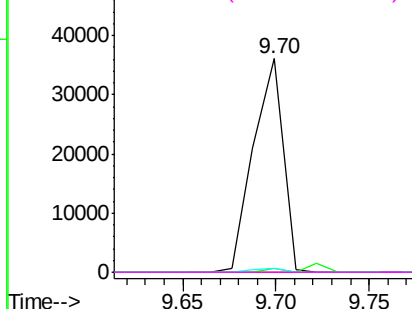


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

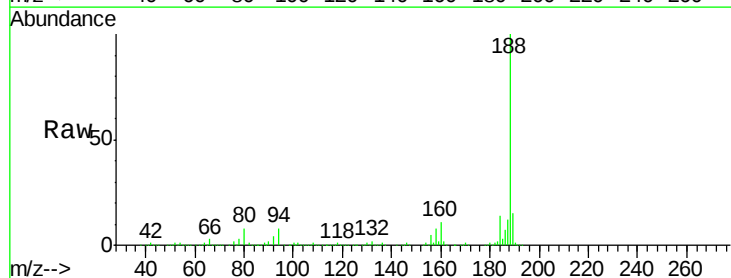
Ion 89.00 (88.70 to 89.70): BF0

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: BF084910.D
 Acq: 6 Feb 2016 14:31

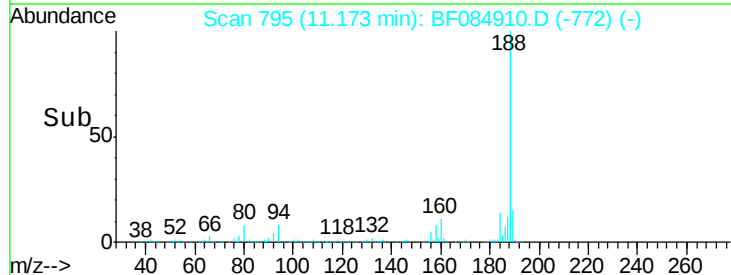
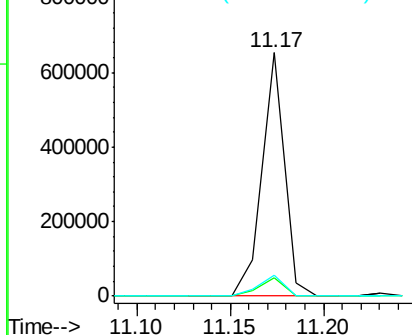
Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.7	9.0	13.4#
80	8.3	9.6	14.4#

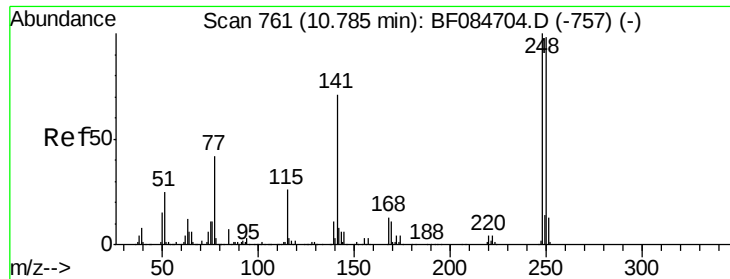


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#66

4-Bromophenyl-phenylether

Concen: 5.09 ng

RT: 10.49 min Scan# 735

Delta R.T. -0.27 min

Lab File: BF084910.D

Acq: 6 Feb 2016 14:31

Instrument :

BNA_F

ClientSampleId :

S4-B016(17-19)

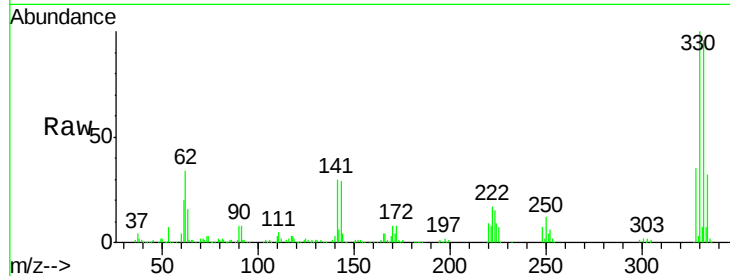
Tgt Ion:248 Resp: 30455

Ion Ratio Lower Upper

248 100

250 189.0 78.4 117.6#

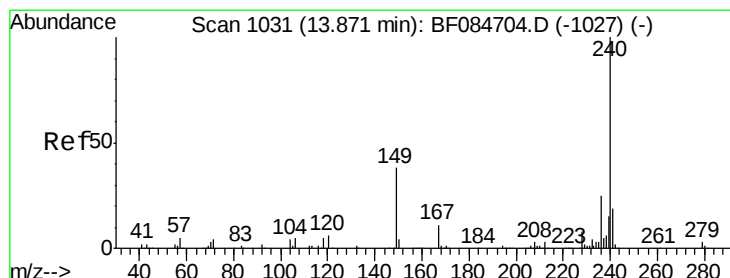
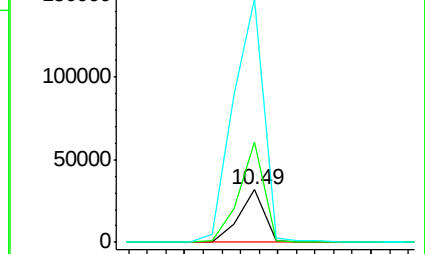
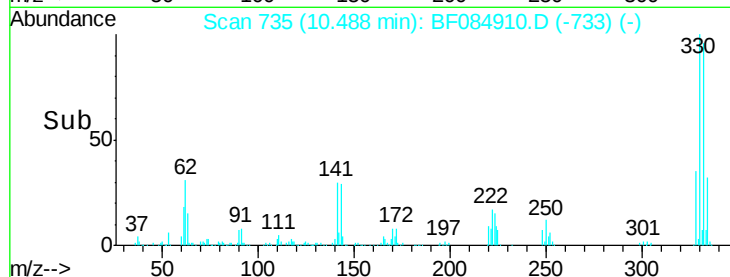
141 461.1 44.0 66.0#



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: BF084910.D

Acq: 6 Feb 2016 14:31

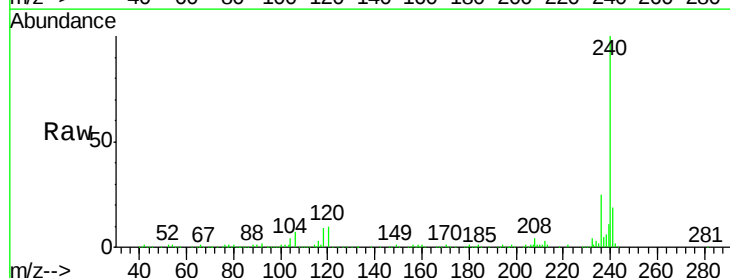
Tgt Ion:240 Resp: 369288

Ion Ratio Lower Upper

240 100

120 9.9 9.5 14.3

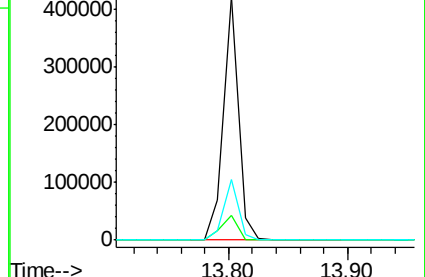
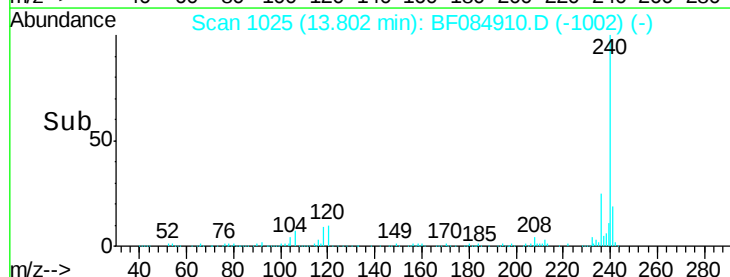
236 24.8 20.6 31.0

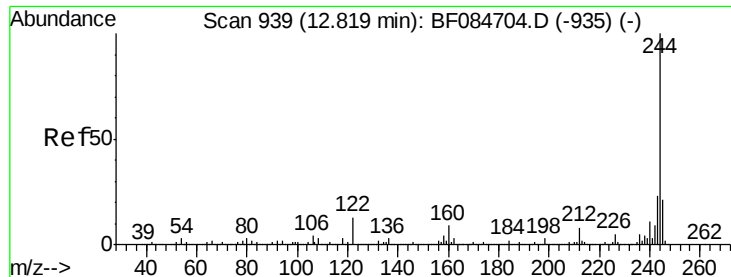


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 85.71 ng

RT: 12.76 min Scan# 934

Delta R.T. -0.03 min

Lab File: BF084910.D

Acq: 6 Feb 2016 14:31

Instrument :

BNA_F

ClientSampleId :

S4-B016(17-19)

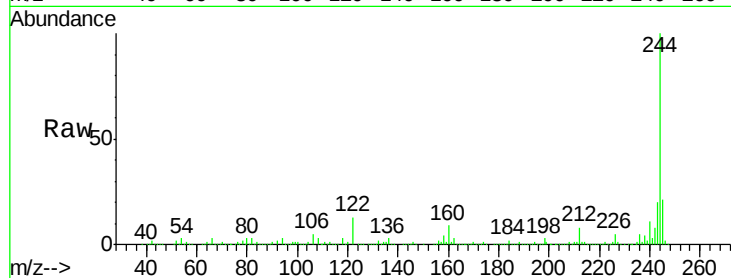
Tgt Ion:244 Resp: 1396715

Ion Ratio Lower Upper

244 100

212 7.6 5.7 8.5

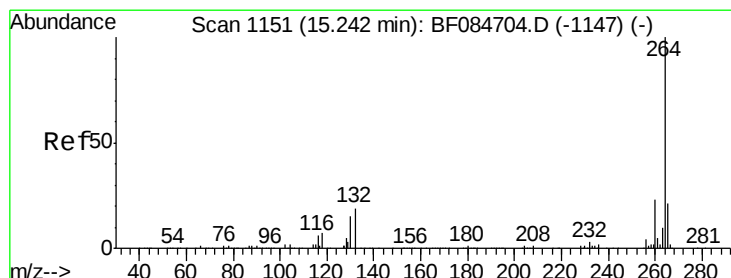
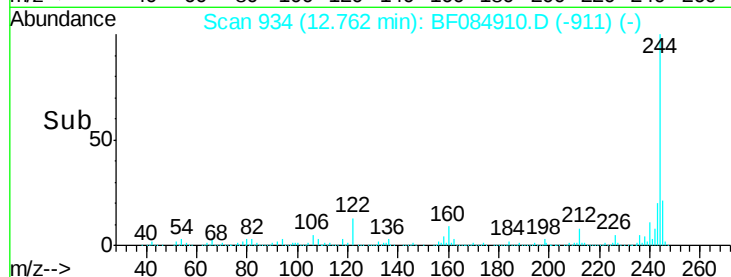
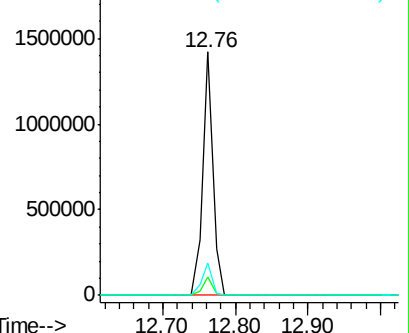
122 13.1 7.4 11.0#



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: BF084910.D

Acq: 6 Feb 2016 14:31

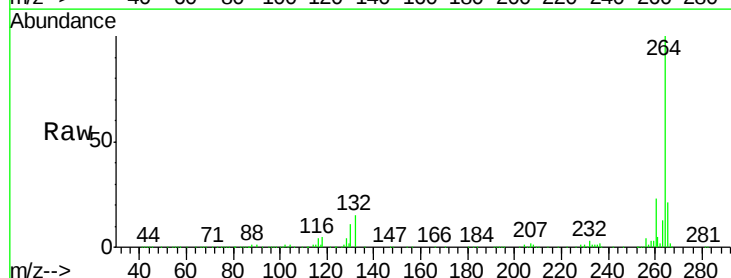
Tgt Ion:264 Resp: 332547

Ion Ratio Lower Upper

264 100

260 23.2 19.4 29.2

265 20.9 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

