

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020616\
 Data File : BF084913.D
 Acq On : 6 Feb 2016 15:53
 Operator : SJ/IZ
 Sample : H1330-01
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S4-B010(5-7)

Quant Time: Feb 08 01:23:21 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

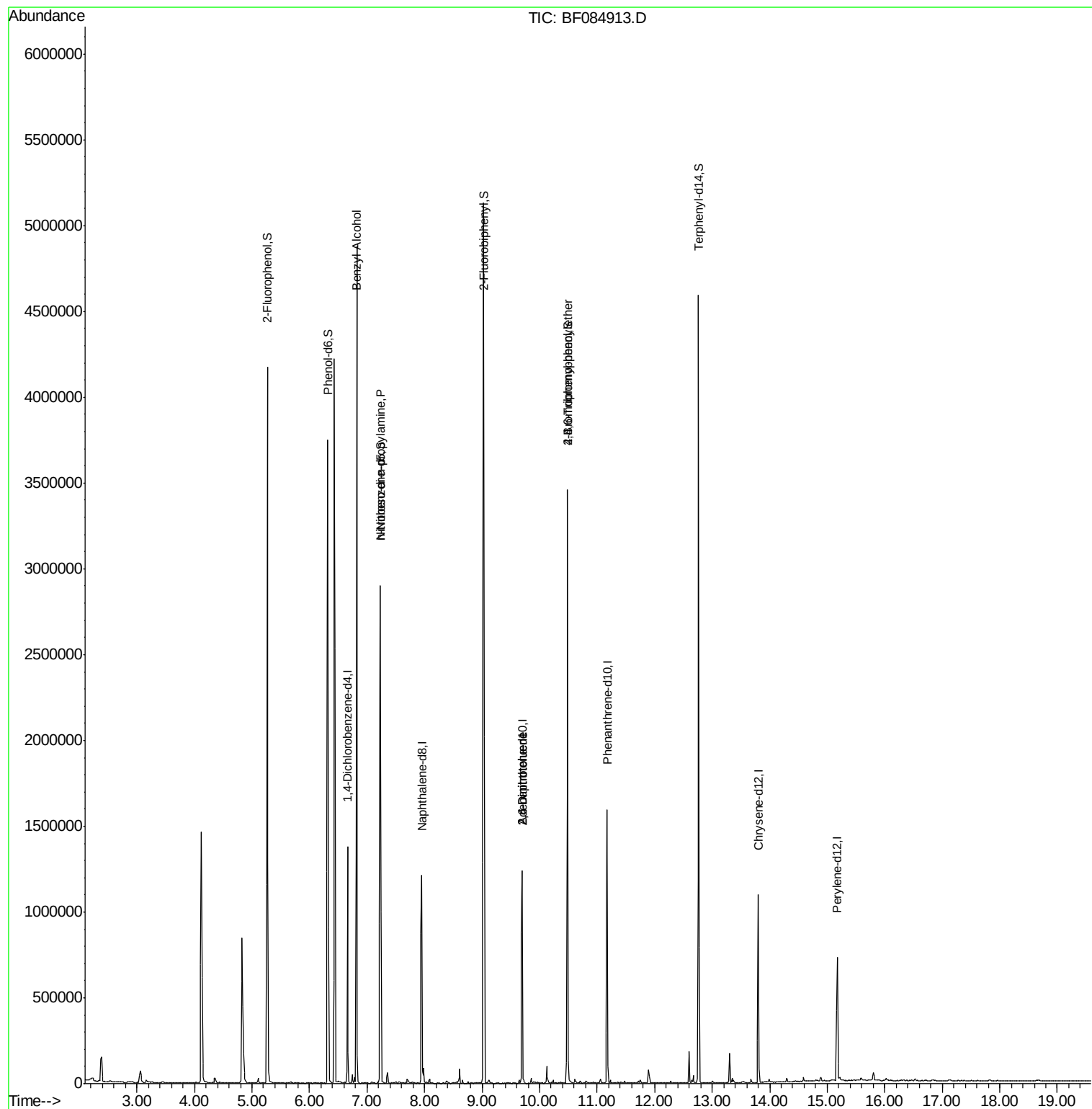
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	178657	20.00	ng	-0.02
21) Naphthalene-d8	7.95	136	727335	20.00	ng	-0.02
38) Acenaphthene-d10	9.70	164	323863	20.00	ng	-0.03
63) Phenanthrene-d10	11.17	188	547405	20.00	ng	-0.03
75) Chrysene-d12	13.80	240	370024	20.00	ng	-0.03
86) Perylene-d12	15.17	264	324563	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	1316145	114.75	ng	-0.01
7) Phenol-d6	6.32	99	1456428	102.42	ng	-0.02
23) Nitrobenzene-d5	7.23	82	1110190	85.98	ng	-0.03
41) 2,4,6-Tribromophenol	10.49	330	437698	129.57	ng	-0.03
44) 2-Fluorobiphenyl	9.02	172	1970514	117.37	ng	-0.03
78) Terphenyl-d14	12.76	244	1453864	89.04	ng	-0.03
Target Compounds						
15) Benzyl Alcohol	6.82	79	25227	2.57	ng	# 43
19) n-Nitroso-di-n-propylamine	7.23	70	152453	17.10	ng	# 73
50) 2,6-Dinitrotoluene	9.70	165	40829	7.58	ng	# 38
56) 2,4-Dinitrotoluene	9.70	165	40829	5.94	ng	# 22
60) 4-Chlorophenyl-phenylether	10.24	204	608	Below Cal		# 81
66) 4-Bromophenyl-phenylether	10.49	248	28673	4.74	ng	# 1

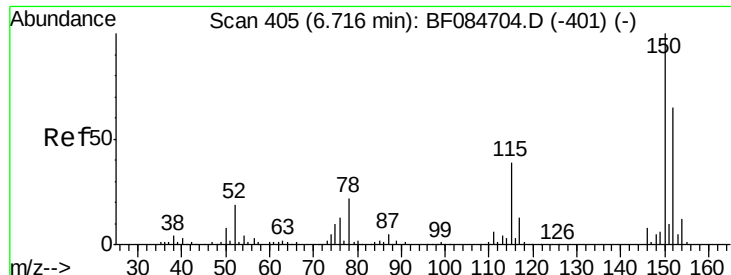
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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S4-B010(5-7)

Quant Time: Feb 08 01:23:21 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: BF084913.D

Acq: 6 Feb 2016 15:53

Instrument :

BNA_F

ClientSampleId :

S4-B010(5-7)

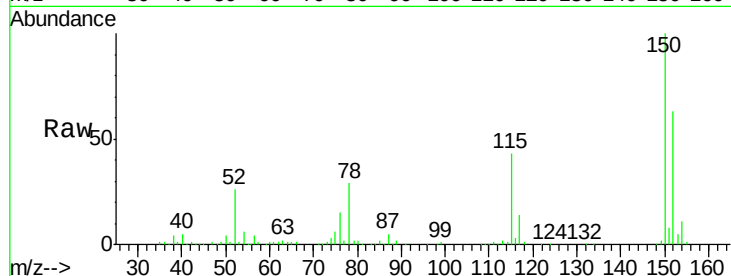
Tgt Ion:152 Resp: 178657

Ion Ratio Lower Upper

152 100

150 159.1 123.0 184.4

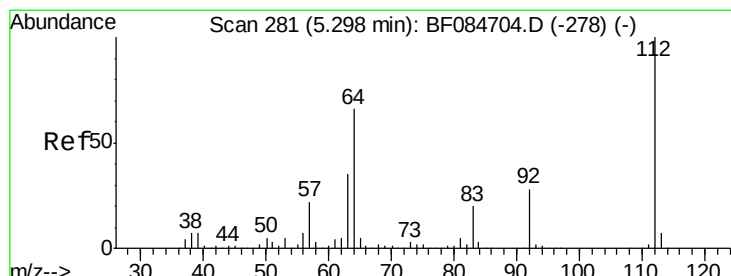
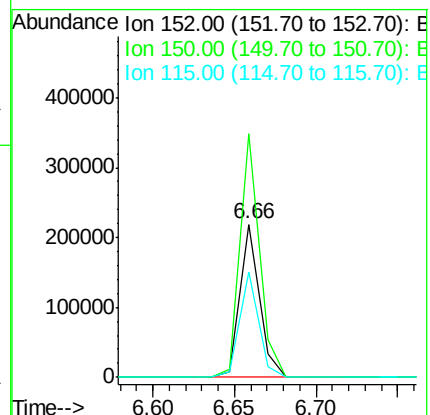
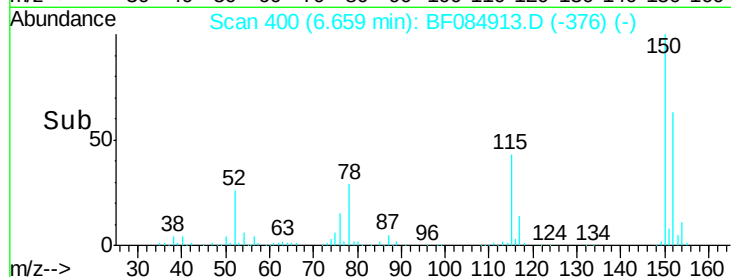
115 69.0 51.4 77.2



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: 114.75 ng

RT: 5.26 min Scan# 278

Delta R.T. -0.01 min

Lab File: BF084913.D

Acq: 6 Feb 2016 15:53

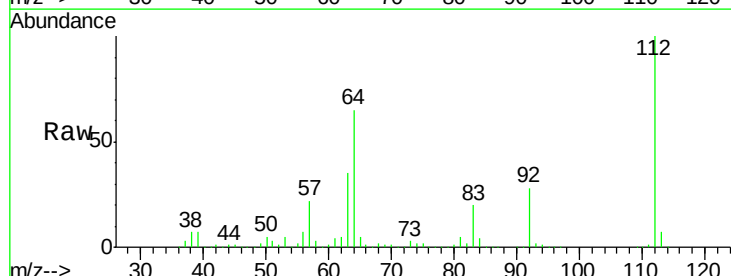
Tgt Ion:112 Resp: 1316145

Ion Ratio Lower Upper

112 100

64 65.4 36.6 55.0#

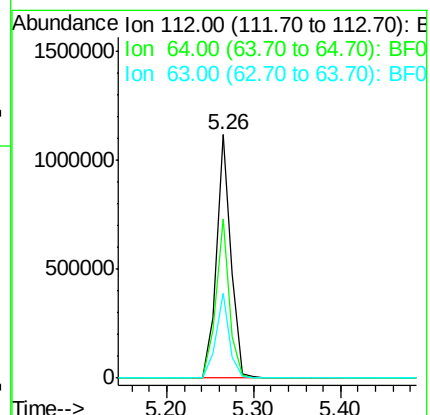
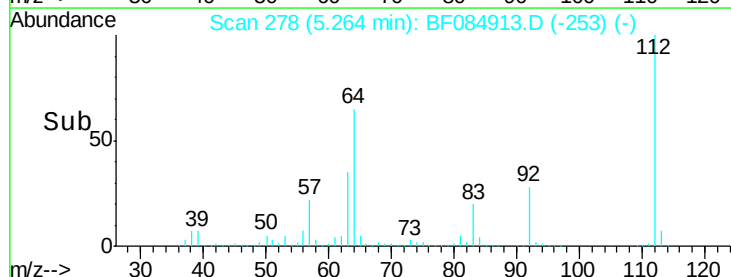
63 34.6 19.4 29.0#

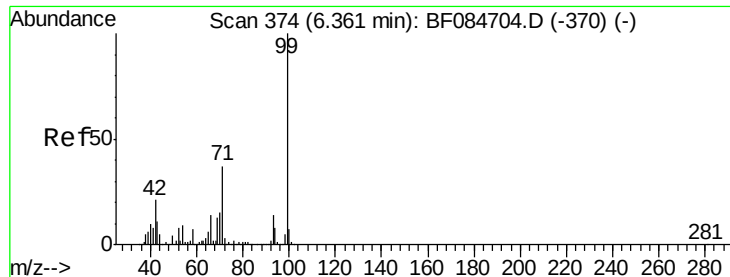


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 102.42 ng

RT: 6.32 min Scan# 370

Delta R.T. -0.02 min

Lab File: BF084913.D

Acq: 6 Feb 2016 15:53

Instrument :

BNA_F

ClientSampleId :

S4-B010(5-7)

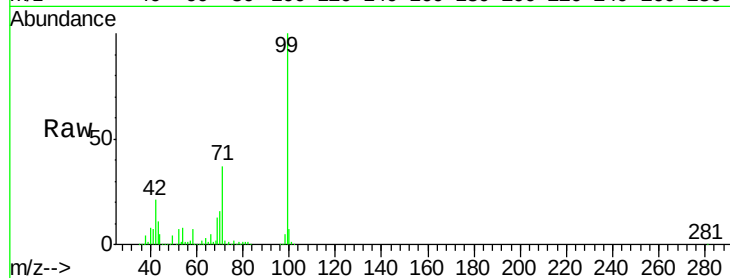
Tgt Ion: 99 Resp: 1456428

Ion Ratio Lower Upper

99 100

42 20.8 12.8 19.2#

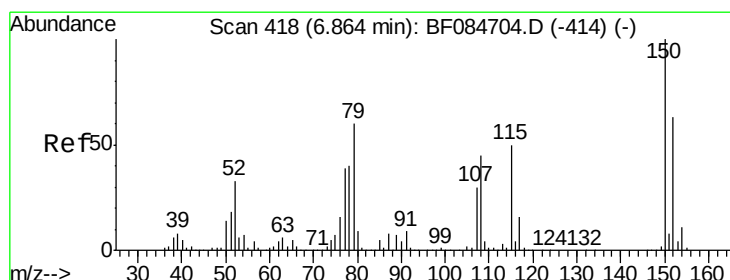
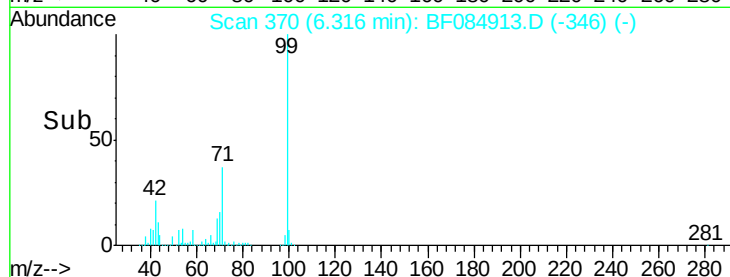
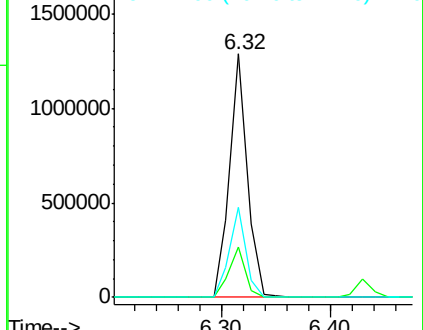
71 37.2 30.9 46.3



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: 2.57 ng

RT: 6.82 min Scan# 414

Delta R.T. -0.02 min

Lab File: BF084913.D

Acq: 6 Feb 2016 15:53

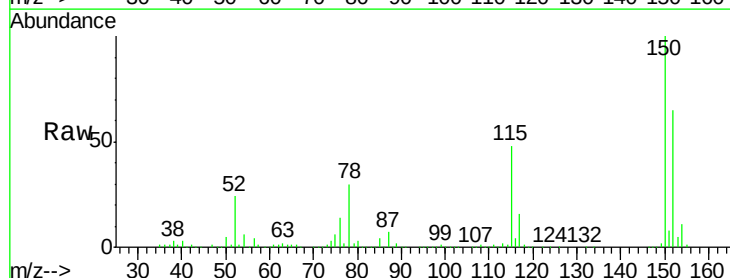
Tgt Ion: 79 Resp: 25227

Ion Ratio Lower Upper

79 100

108 28.4 69.0 103.4#

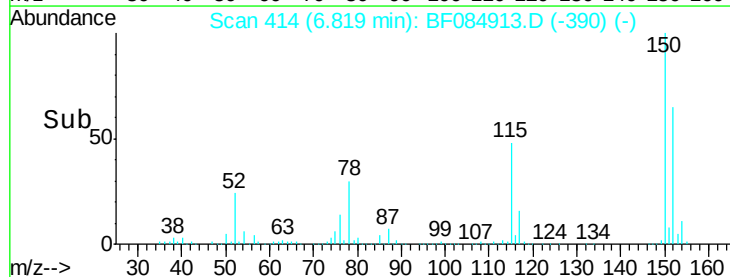
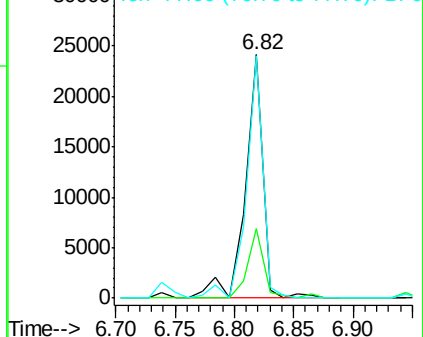
77 99.4 50.0 75.0#

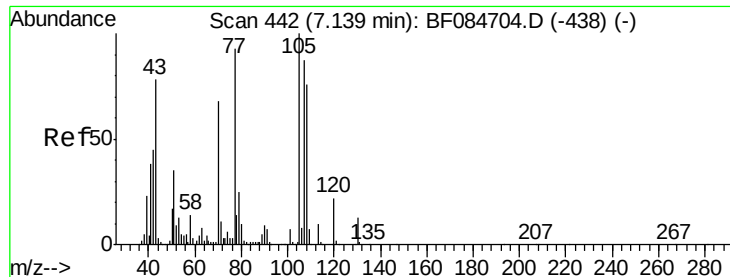


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

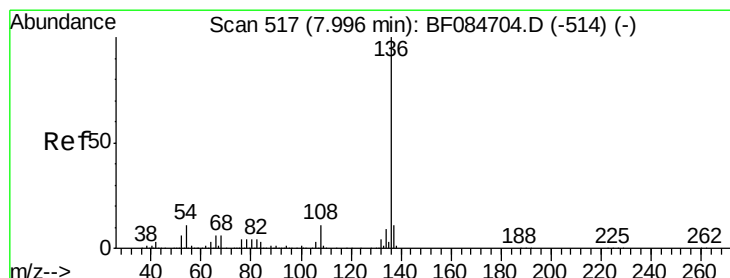
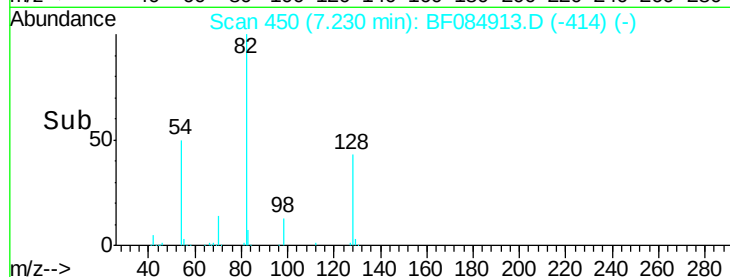
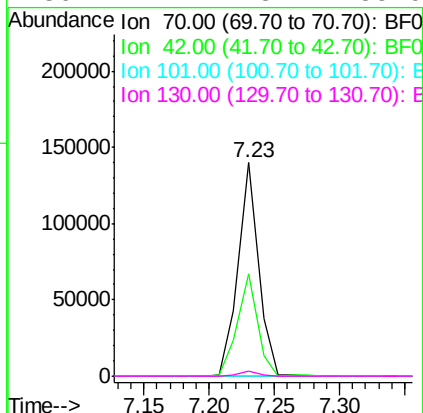
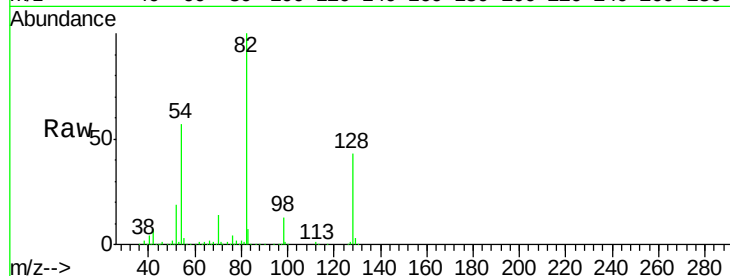




#19
n-Nitroso-di-n-propylamine
Concen: 17.10 ng
RT: 7.23 min Scan# 450
Delta R.T. 0.11 min
Lab File: BF084913.D
Acq: 6 Feb 2016 15:53

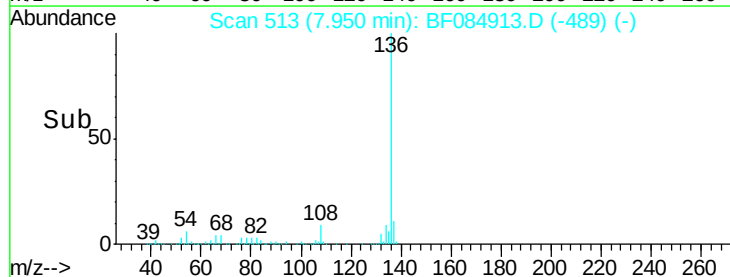
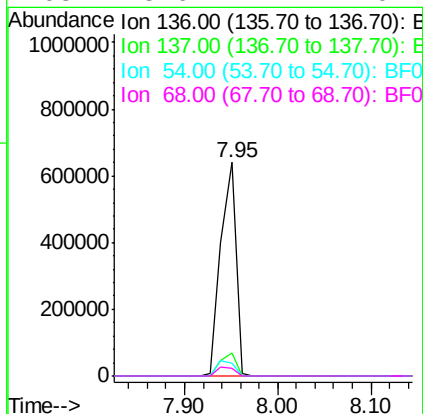
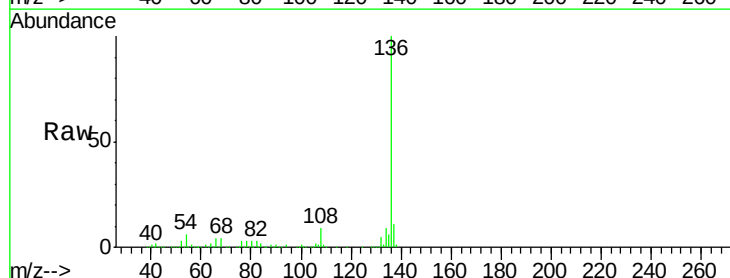
Instrument :
BNA_F
ClientSampleId :
S4-B010(5-7)

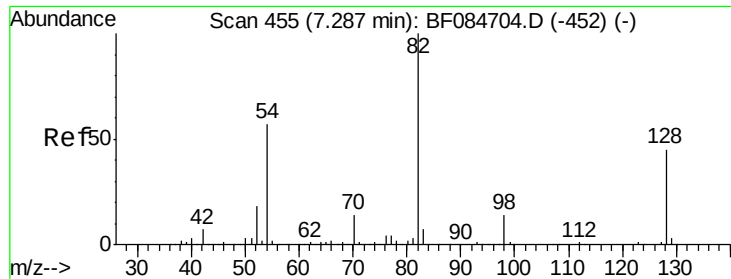
Tgt Ion: 70 Resp: 152453
Ion Ratio Lower Upper
70 100
42 48.0 33.3 49.9
101 0.0 9.3 13.9#
130 2.2 23.4 35.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.95 min Scan# 513
Delta R.T. -0.02 min
Lab File: BF084913.D
Acq: 6 Feb 2016 15:53

Tgt Ion: 136 Resp: 727335
Ion Ratio Lower Upper
136 100
137 11.0 8.7 13.1
54 5.8 5.8 8.8#
68 3.6 4.2 6.2#

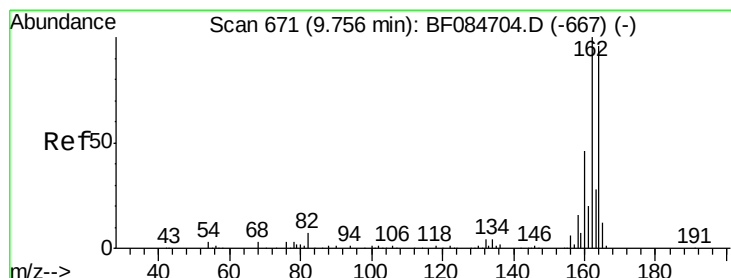
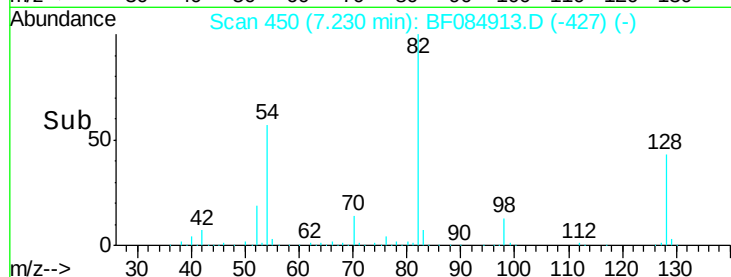
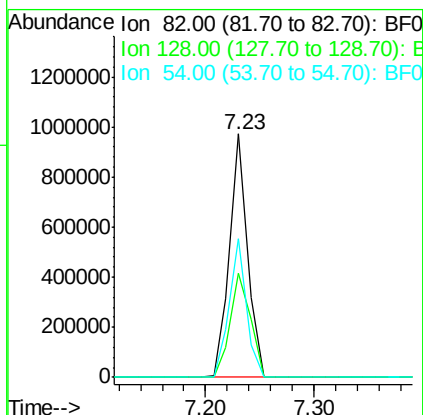
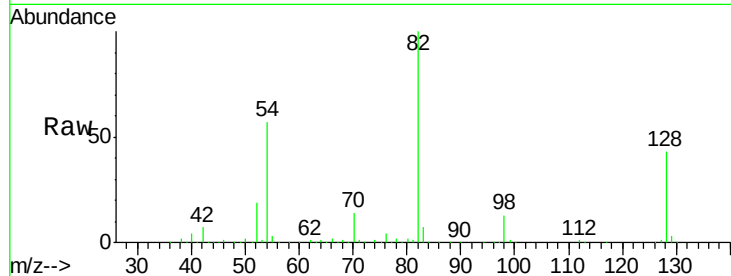




#23
 Nitrobenzene-d5
 Concen: 85.98 ng
 RT: 7.23 min Scan# 450
 Delta R.T. -0.03 min
 Lab File: BF084913.D
 Acq: 6 Feb 2016 15:53

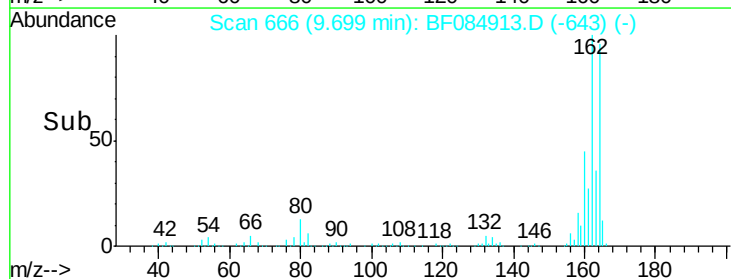
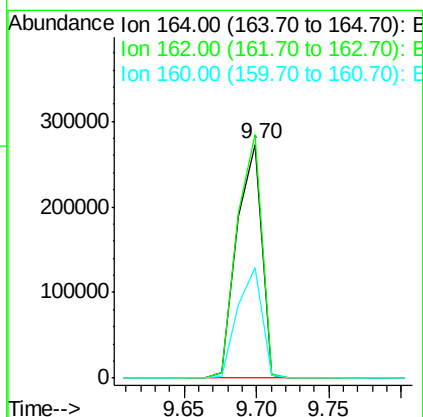
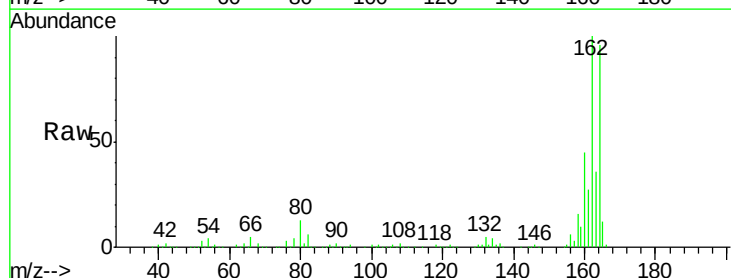
Instrument :
 BNA_F
 ClientSampleId :
 S4-B010(5-7)

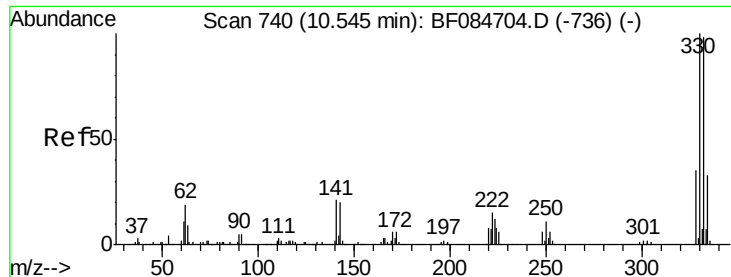
Tgt Ion: 82 Resp: 1110190
 Ion Ratio Lower Upper
 82 100
 128 42.6 34.6 51.8
 54 57.2 38.4 57.6



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.70 min Scan# 666
 Delta R.T. -0.03 min
 Lab File: BF084913.D
 Acq: 6 Feb 2016 15:53

Tgt Ion: 164 Resp: 323863
 Ion Ratio Lower Upper
 164 100
 162 104.2 85.1 127.7
 160 47.4 37.5 56.3

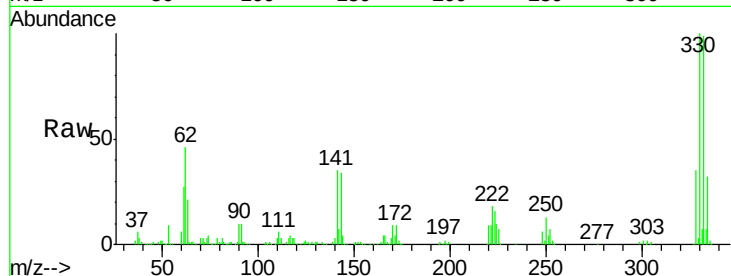




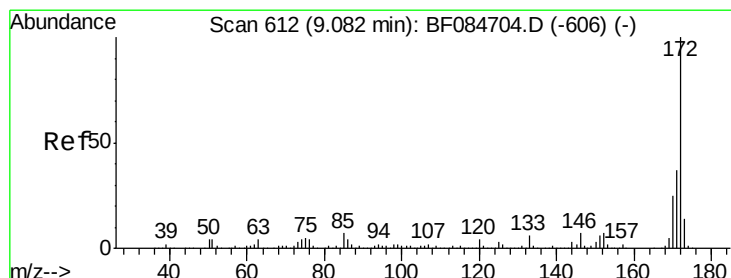
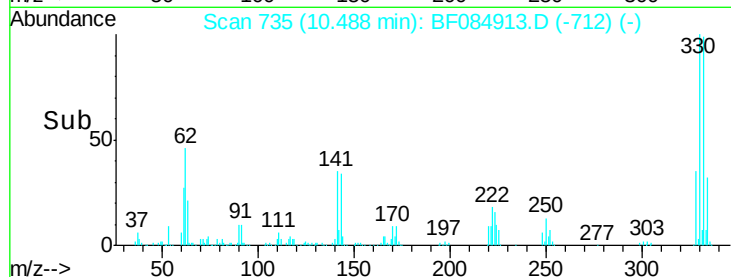
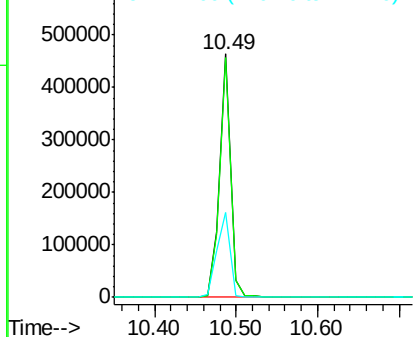
#41
 2,4,6-Tribromophenol
 Concen: 129.57 ng
 RT: 10.49 min Scan# 735
 Delta R.T. -0.03 min
 Lab File: BF084913.D
 Acq: 6 Feb 2016 15:53

Instrument :
 BNA_F
 ClientSampleId :
 S4-B010(5-7)

Tgt Ion:330 Resp: 437698
 Ion Ratio Lower Upper
 330 100
 332 98.6 76.6 114.8
 141 41.3 27.8 41.6

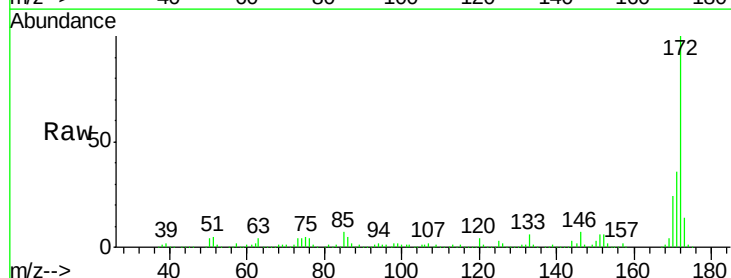


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

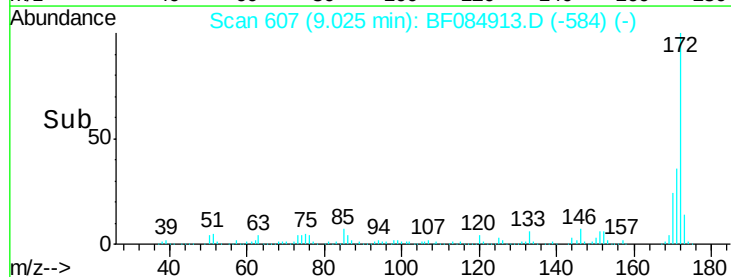
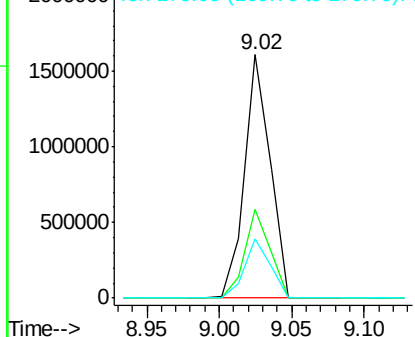


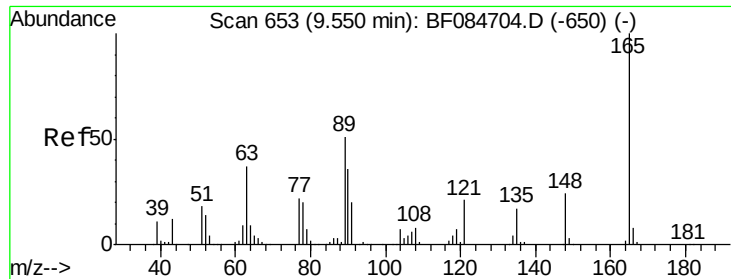
#44
 2-Fluorobiphenyl
 Concen: 117.37 ng
 RT: 9.02 min Scan# 607
 Delta R.T. -0.03 min
 Lab File: BF084913.D
 Acq: 6 Feb 2016 15:53

Tgt Ion:172 Resp: 1970514
 Ion Ratio Lower Upper
 172 100
 171 36.3 28.9 43.3
 170 24.5 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

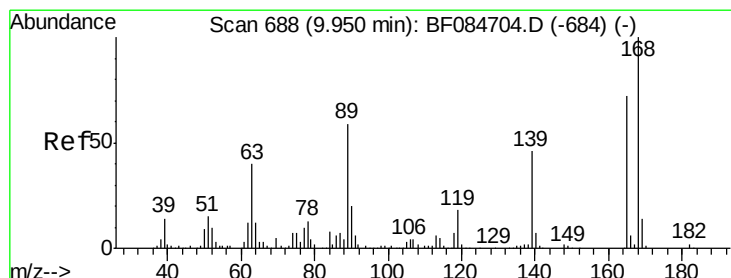
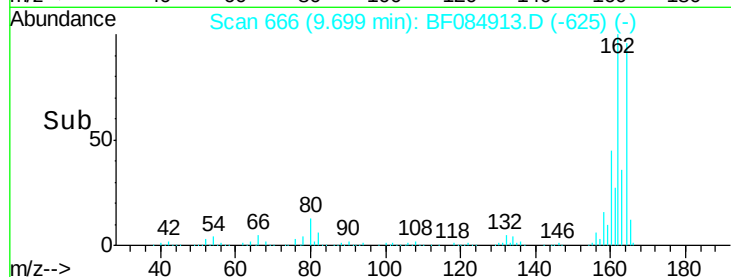
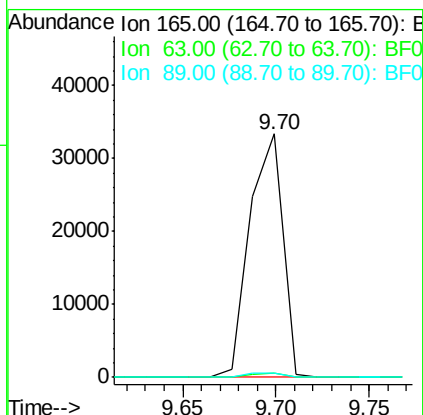
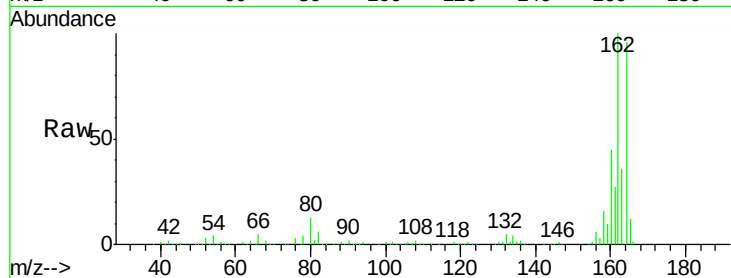




#50
 2,6-Dinitrotoluene
 Concen: 7.58 ng
 RT: 9.70 min Scan# 666
 Delta R.T. 0.17 min
 Lab File: BF084913.D
 Acq: 6 Feb 2016 15:53

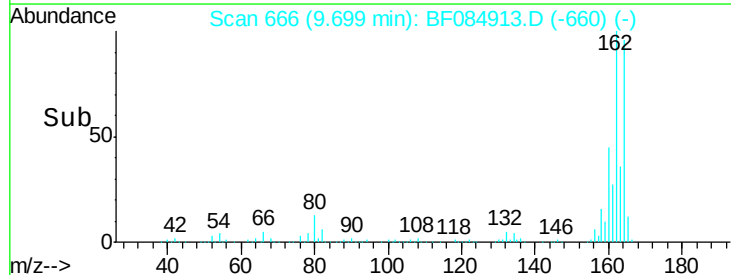
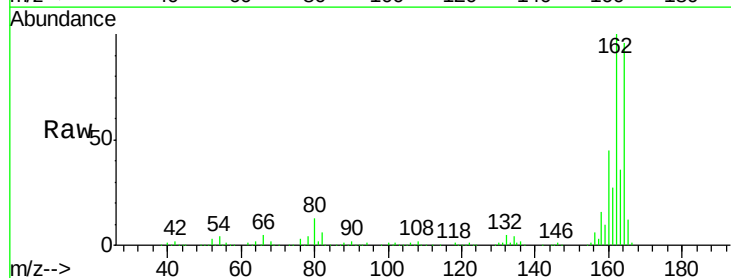
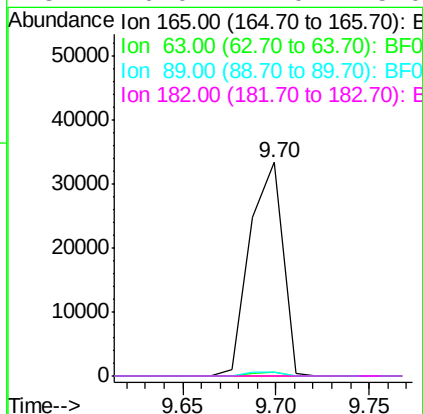
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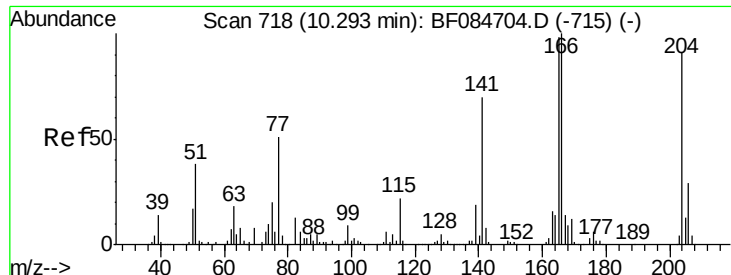
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.5	28.8	43.2#
89	1.7	35.1	52.7#



#56
 2,4-Dinitrotoluene
 Concen: 5.94 ng
 RT: 9.70 min Scan# 666
 Delta R.T. -0.23 min
 Lab File: BF084913.D
 Acq: 6 Feb 2016 15:53

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.5	36.7	55.1#
89	1.7	61.9	92.9#
182	0.0	2.0	3.0#

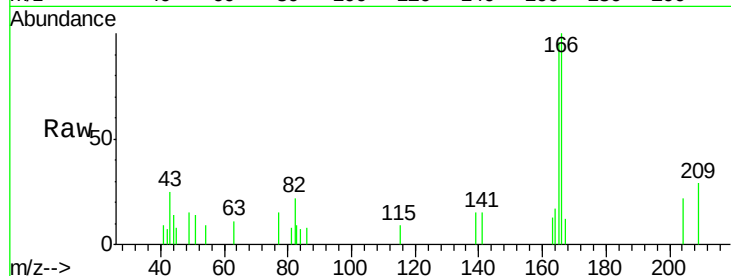




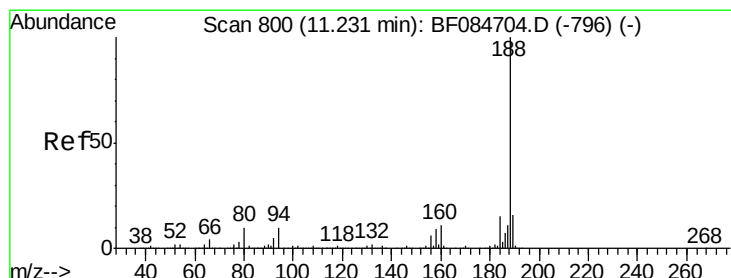
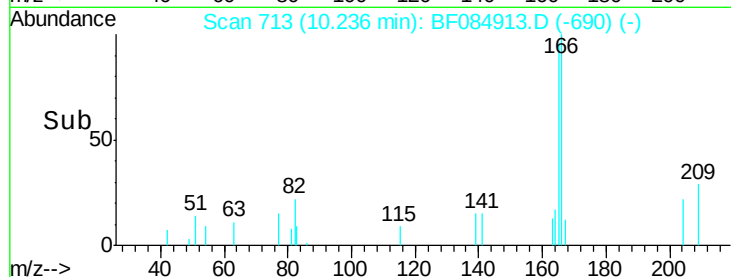
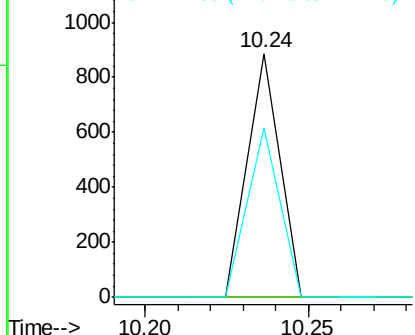
#60
4-Chlorophenyl-phenylether
Concen: Below Cal
RT: 10.24 min Scan# 713
Delta R.T. -0.03 min
Lab File: BF084913.D
Acq: 6 Feb 2016 15:53

Instrument :
BNA_F
ClientSampleId :
S4-B010(5-7)

Tgt Ion:204 Resp: 608
Ion Ratio Lower Upper
204 100
206 0.0 25.7 38.5#
141 69.4 55.1 82.7

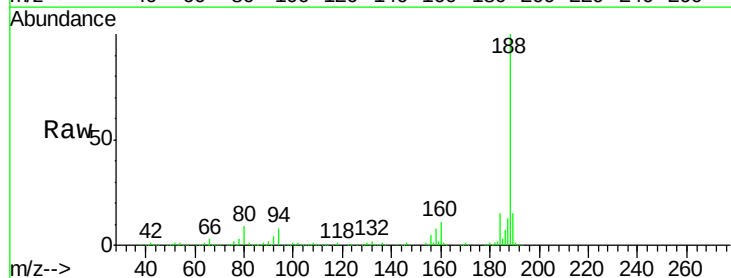


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

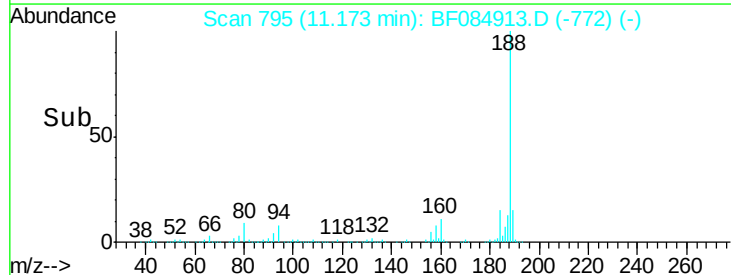
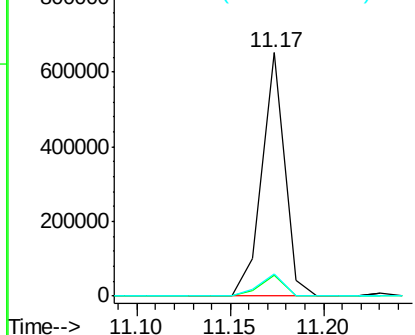


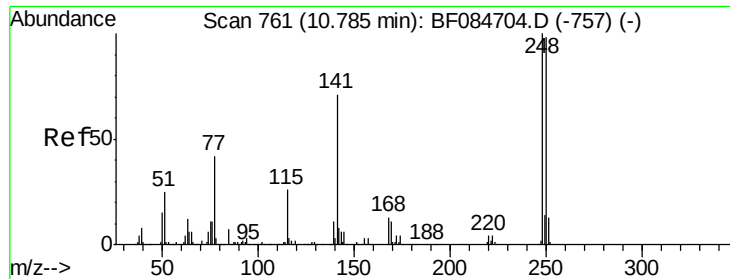
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.17 min Scan# 795
Delta R.T. -0.03 min
Lab File: BF084913.D
Acq: 6 Feb 2016 15:53

Tgt Ion:188 Resp: 547405
Ion Ratio Lower Upper
188 100
94 8.4 9.0 13.4#
80 8.9 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

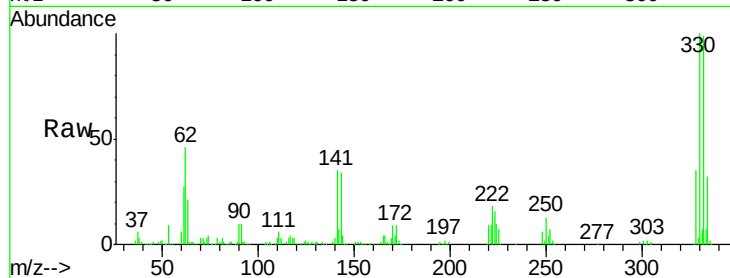




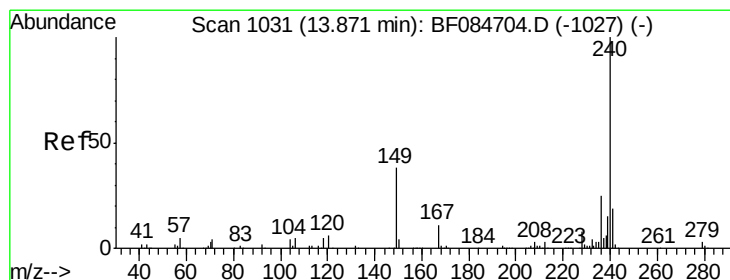
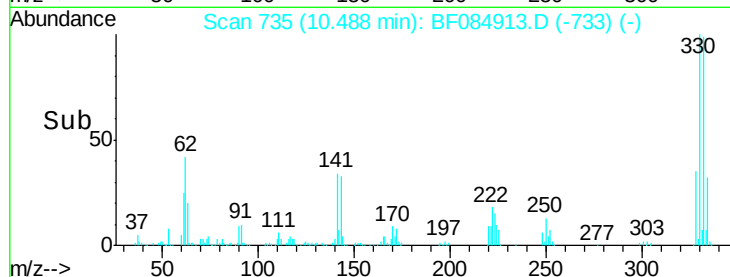
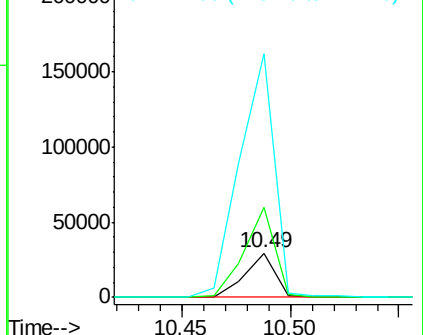
#66
 4-Bromophenyl-phenylether
 Concen: 4.74 ng
 RT: 10.49 min Scan# 735
 Delta R.T. -0.27 min
 Lab File: BF084913.D
 Acq: 6 Feb 2016 15:53

Instrument :
 BNA_F
 ClientSampleId :
 S4-B010(5-7)

Tgt Ion:248 Resp: 28673
 Ion Ratio Lower Upper
 248 100
 250 202.7 78.4 117.6#
 141 548.6 44.0 66.0#

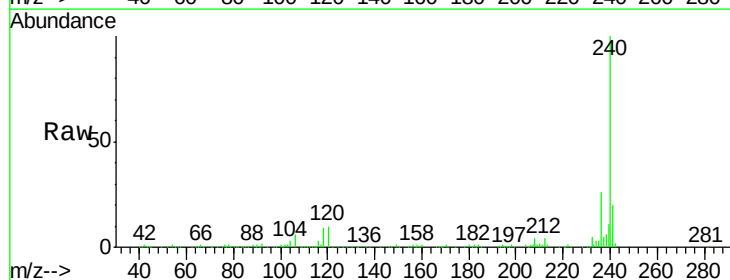


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

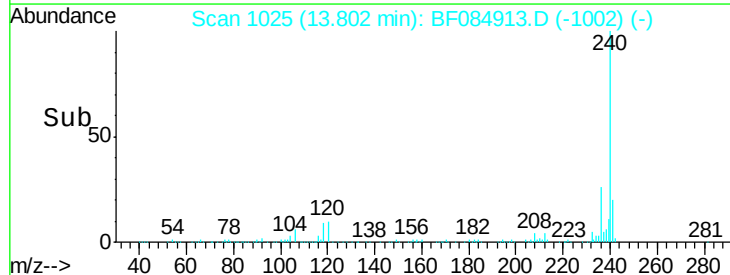
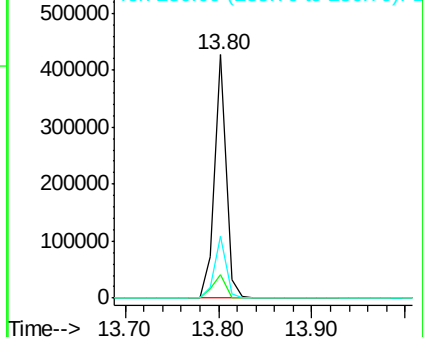


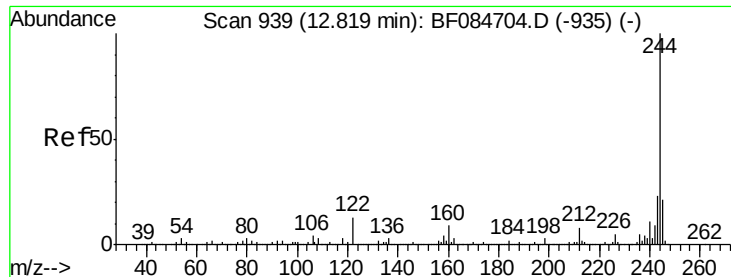
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.80 min Scan# 1025
 Delta R.T. -0.03 min
 Lab File: BF084913.D
 Acq: 6 Feb 2016 15:53

Tgt Ion:240 Resp: 370024
 Ion Ratio Lower Upper
 240 100
 120 9.8 9.5 14.3
 236 25.7 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: 89.04 ng

RT: 12.76 min Scan# 934

Delta R.T. -0.03 min

Lab File: BF084913.D

Acq: 6 Feb 2016 15:53

Instrument :

BNA_F

ClientSampleId :

S4-B010(5-7)

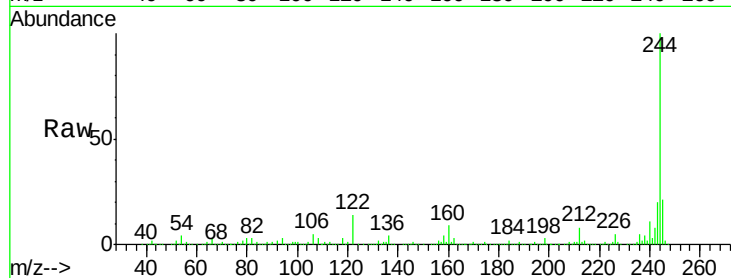
Tgt Ion:244 Resp: 1453864

Ion Ratio Lower Upper

244 100

212 7.9 5.7 8.5

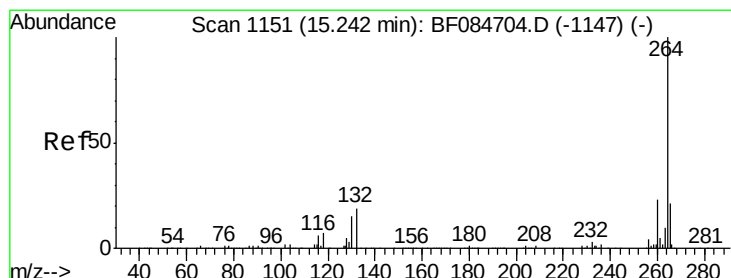
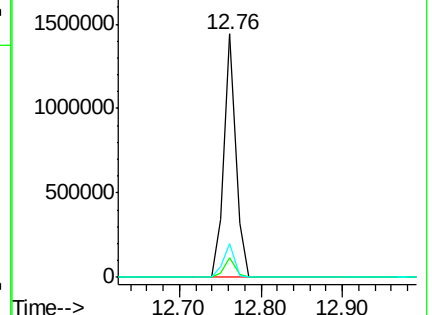
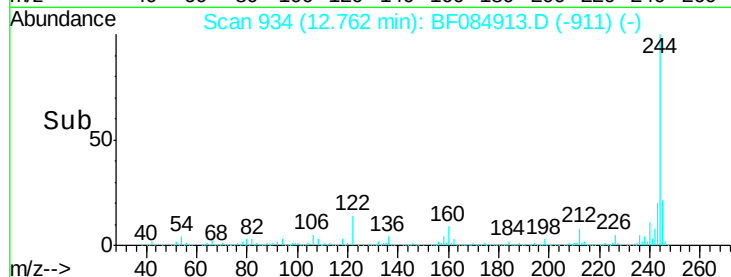
122 13.9 7.4 11.0#



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: BF084913.D

Acq: 6 Feb 2016 15:53

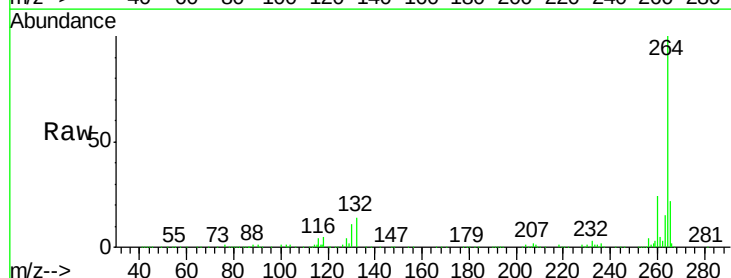
Tgt Ion:264 Resp: 324563

Ion Ratio Lower Upper

264 100

260 23.8 19.4 29.2

265 21.6 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

