

Data Path : Z:\HPCHEM1\BNA_F\Data\BF073115\
 Data File : BF080734.D
 Acq On : 31 Jul 2015 15:08
 Operator : TP/UM
 Sample : G3101-01
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-COM-03

Quant Time: Jul 31 15:35:25 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF073015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 31 01:45:22 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	145778	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	566285	20.00	ng	-0.01
38) Acenaphthene-d10	9.88	164	262271	20.00	ng	-0.01
63) Phenanthrene-d10	11.37	188	544562	20.00	ng	0.00
75) Chrysene-d12	14.00	240	328408	20.00	ng	0.00
86) Perylene-d12	15.41	264	283804	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.47	112	1239748	145.89	ng	0.02
7) Phenol-d6	6.49	99	1767141	152.75	ng	0.00
23) Nitrobenzene-d5	7.41	82	993392	84.95	ng	-0.01
41) 2,4,6-Tribromophenol	10.67	330	378543	139.10	ng	-0.01
44) 2-Fluorobiphenyl	9.21	172	1528729	86.96	ng	-0.01
78) Terphenyl-d14	12.96	244	1394399	80.30	ng	0.00

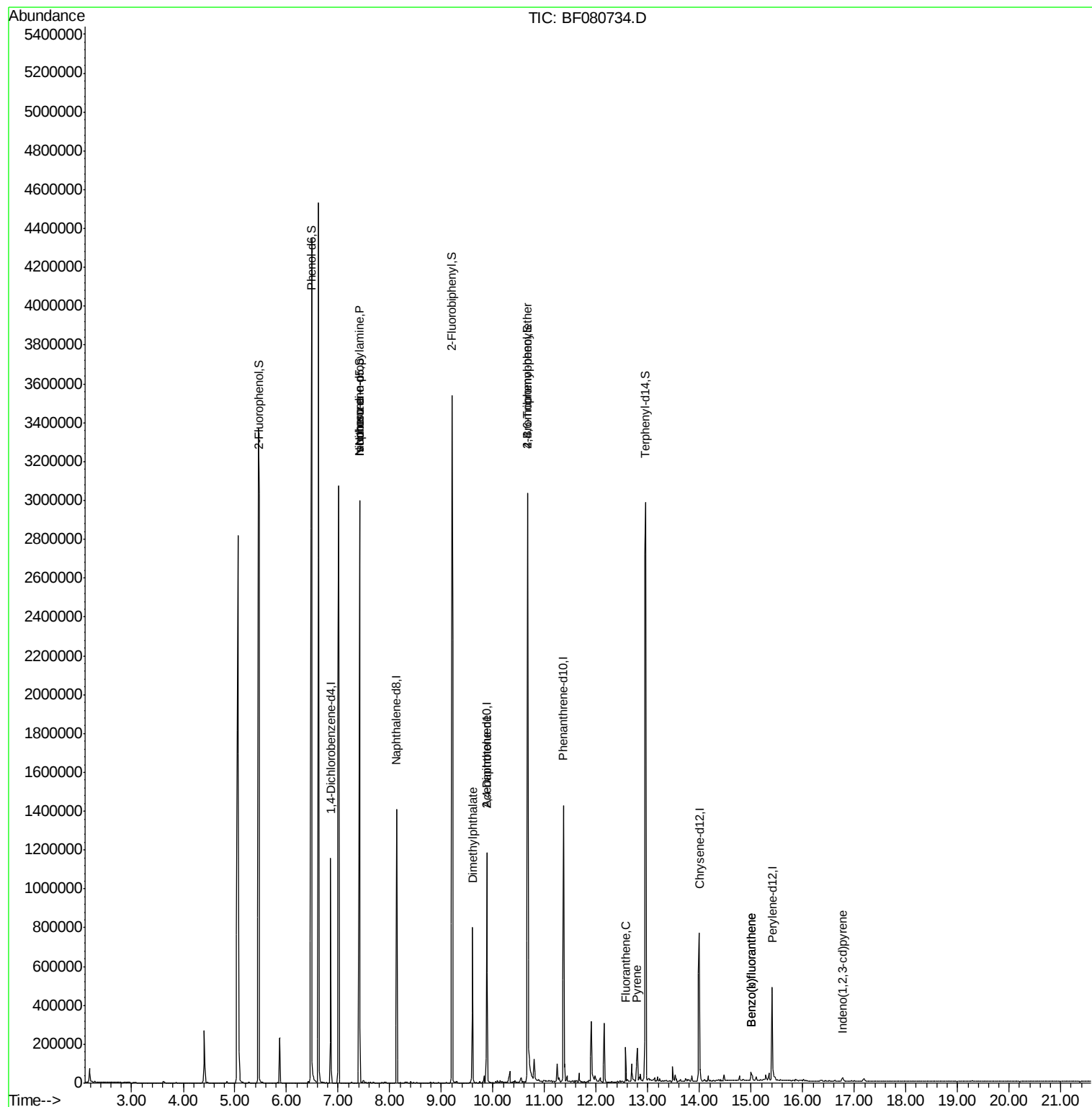
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.49	77	2472	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.41	70	139369	17.89	ng	76
25) Isophorone	7.41	82	978093	47.03	ng	71
49) Dimethylphthalate	9.61	163	363653	19.68	ng	98
56) 2,4-Dinitrotoluene	9.88	165	32425	6.30	ng	17
60) 4-Chlorophenyl-phenylether	10.43	204	206	Below Cal	#	51
66) 4-Bromophenyl-phenylether	10.67	248	24013	4.27	ng	1
74) Fluoranthene	12.57	202	74581	2.81	ng	98
77) Pyrene	12.80	202	65785	2.58	ng	100
85) Indeno(1,2,3-cd)pyrene	16.77	276	14558	3.42	ng	89
87) Benzo(b)fluoranthene	15.00	252	37760	2.23	ng	97
88) Benzo(k)fluoranthene	15.00	252	37760	2.71	ng	96

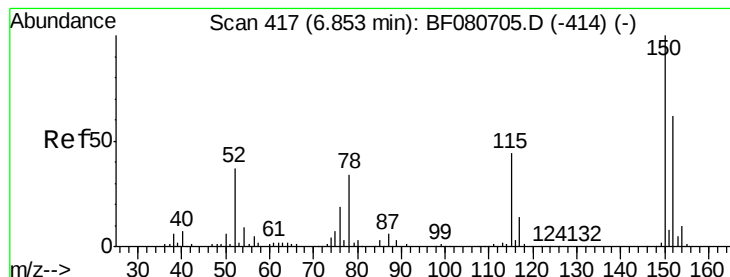
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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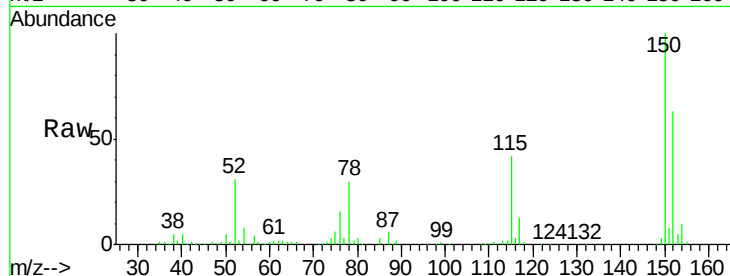




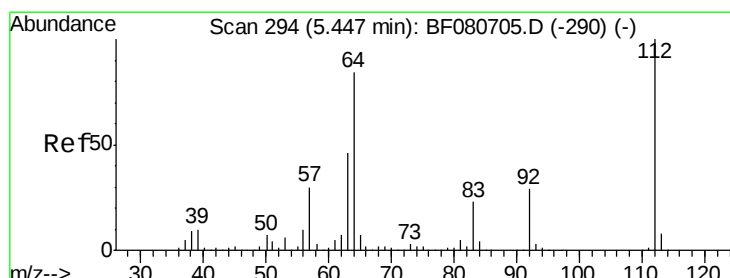
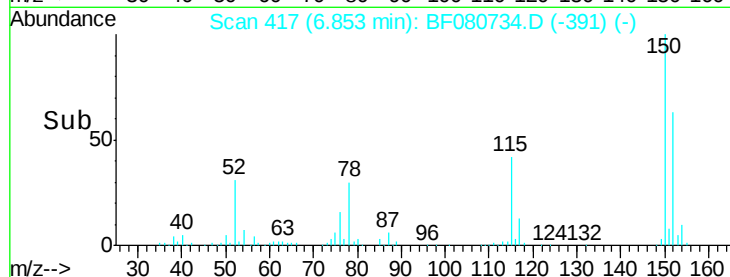
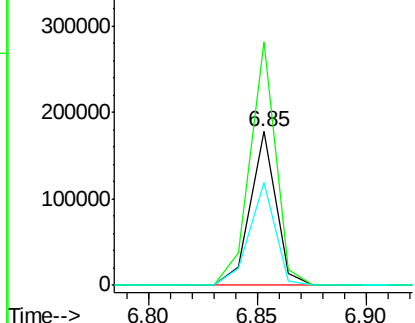
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.85 min Scan# 417
 Delta R.T. -0.00 min
 Lab File: BF080734.D
 Acq: 31 Jul 2015 15:08

Instrument :
 BNA_F
 ClientSampleId :
 TP-COM-03

Tgt Ion:152 Resp: 145778
 Ion Ratio Lower Upper
 152 100
 150 158.2 129.6 194.4
 115 67.0 56.6 85.0

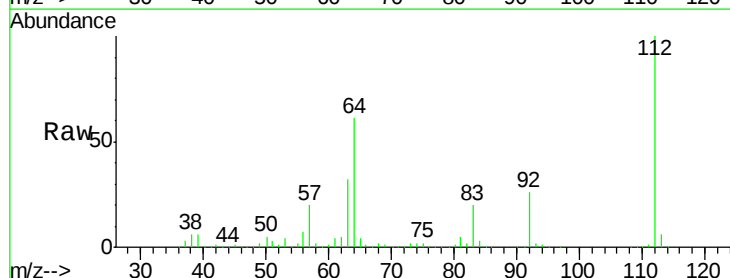


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

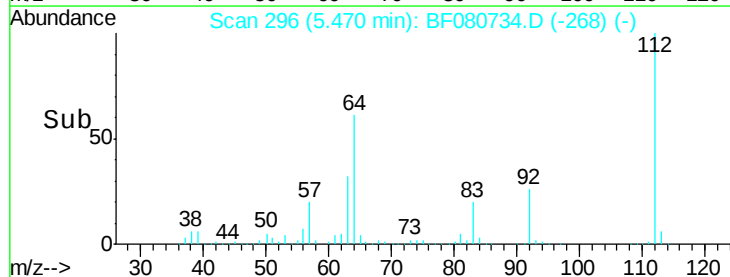
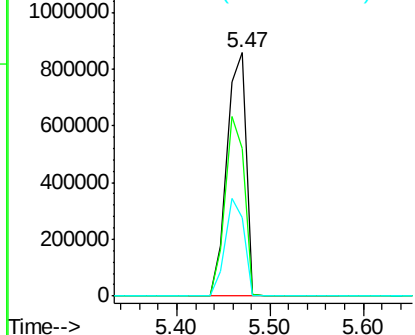


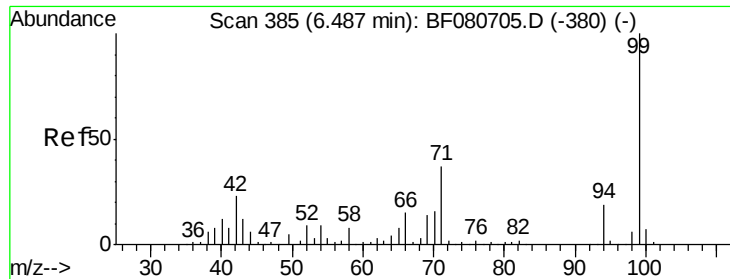
#5
 2-Fluorophenol
 Concen: 145.89 ng
 RT: 5.47 min Scan# 296
 Delta R.T. 0.02 min
 Lab File: BF080734.D
 Acq: 31 Jul 2015 15:08

Tgt Ion:112 Resp: 1239748
 Ion Ratio Lower Upper
 112 100
 64 60.5 66.8 100.2#
 63 32.5 36.7 55.1#



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: 152.75 ng

RT: 6.49 min Scan# 385

Delta R.T. -0.00 min

Lab File: BF080734.D

Acq: 31 Jul 2015 15:08

Instrument :

BNA_F

ClientSampleId :

TP-COM-03

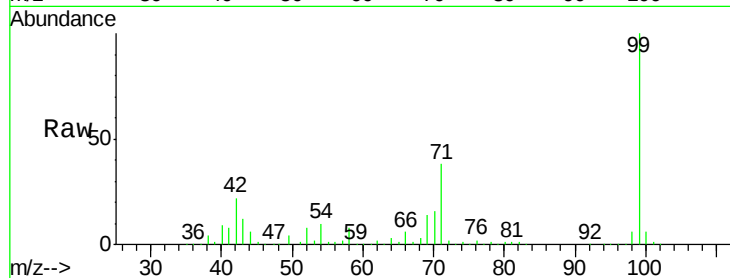
Tgt Ion: 99 Resp: 1767141

Ion Ratio Lower Upper

99 100

42 22.3 18.2 27.2

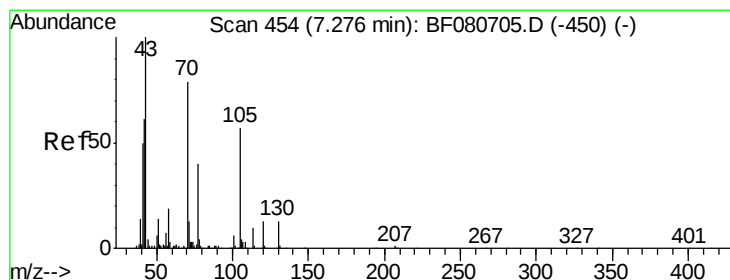
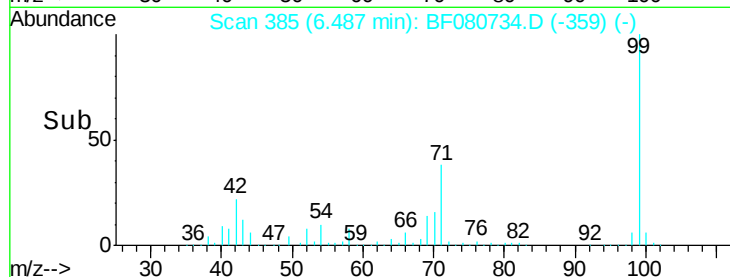
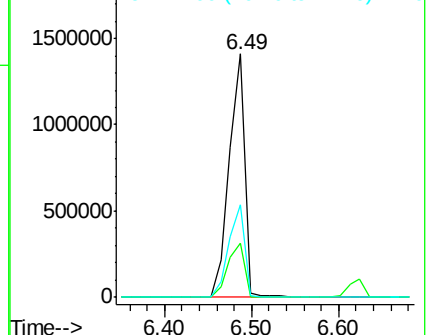
71 37.8 29.5 44.3



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



#19

n-Nitroso-di-n-propylamine

Concen: 17.89 ng

RT: 7.41 min Scan# 466

Delta R.T. 0.14 min

Lab File: BF080734.D

Acq: 31 Jul 2015 15:08

Tgt Ion: 70 Resp: 139369

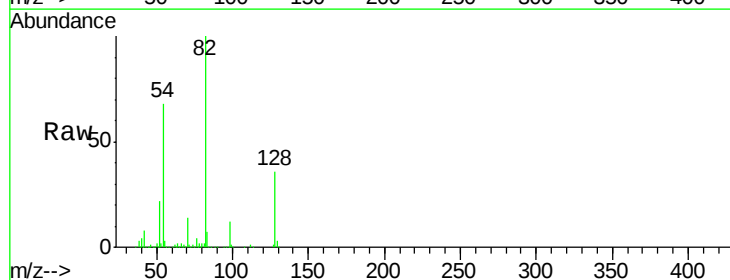
Ion Ratio Lower Upper

70 100

42 57.8 61.8 92.6#

101 0.0 6.1 9.1#

130 1.6 12.9 19.3#

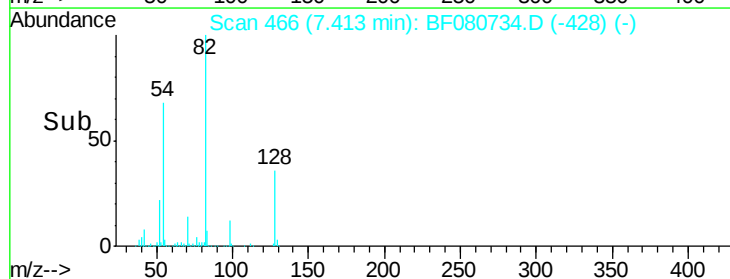
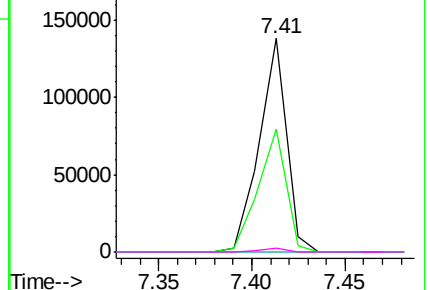


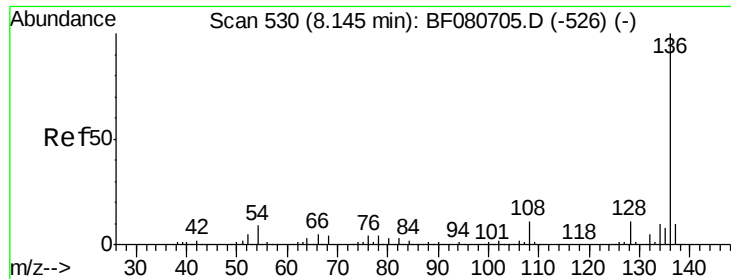
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E

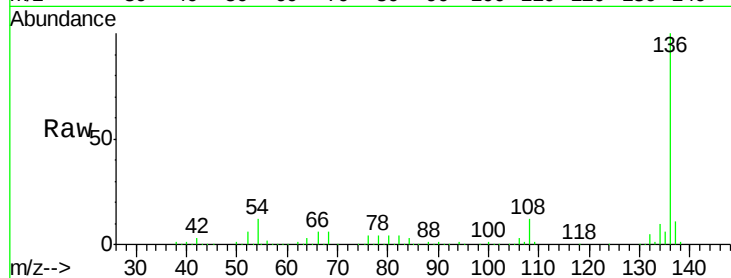




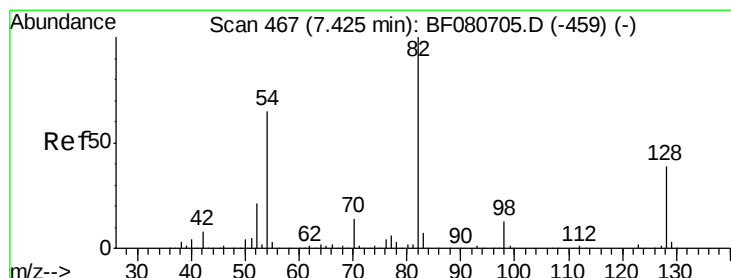
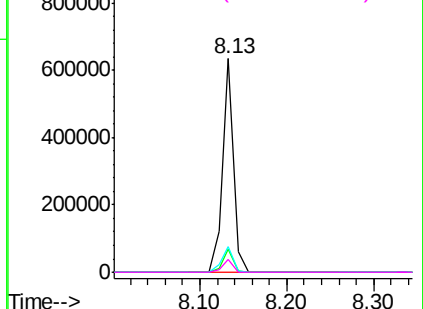
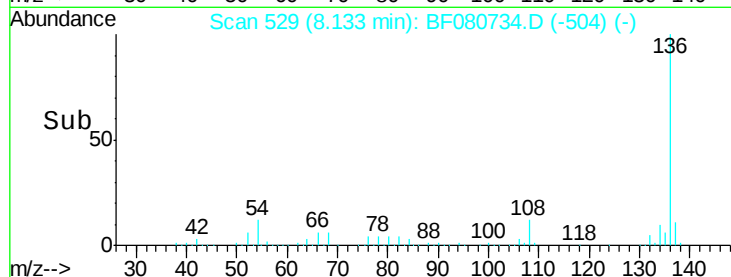
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 529
Delta R.T. -0.01 min
Lab File: BF080734.D
Acq: 31 Jul 2015 15:08

Instrument :
BNA_F
ClientSampleId :
TP-COM-03

Tgt Ion:	136	Resp:	566285
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.4	12.6
54	12.1	6.9	10.3#
68	5.8	3.5	5.3#

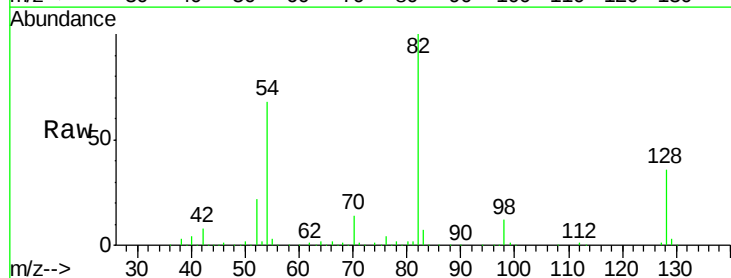


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

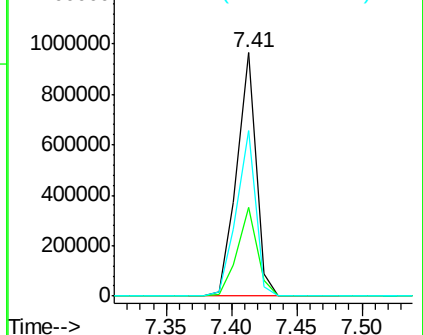
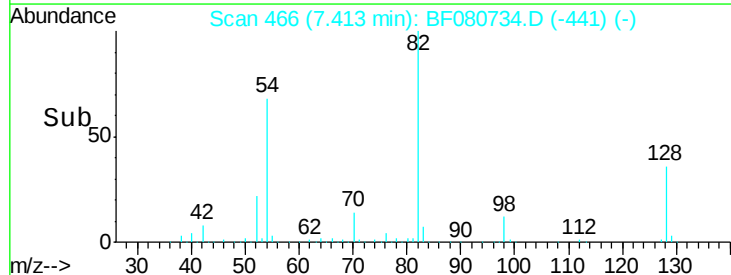


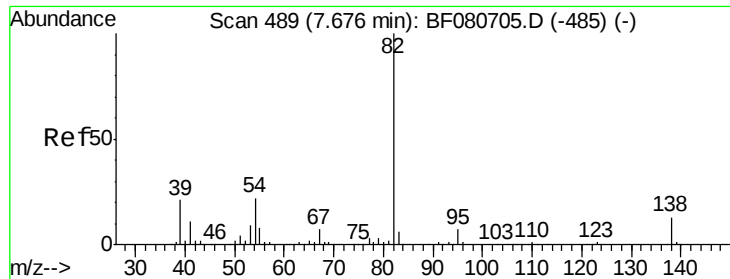
#23
Nitrobenzene-d5
Concen: 84.95 ng
RT: 7.41 min Scan# 466
Delta R.T. -0.01 min
Lab File: BF080734.D
Acq: 31 Jul 2015 15:08

Tgt Ion:	82	Resp:	993392
Ion	Ratio	Lower	Upper
82	100		
128	36.3	31.5	47.3
54	67.9	51.8	77.8



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





#25

Isophorone

Concen: 47.03 ng

RT: 7.41 min Scan# 466

Delta R.T. -0.26 min

Lab File: BF080734.D

Acq: 31 Jul 2015 15:08

Instrument :

BNA_F

ClientSampleId :

TP-COM-03

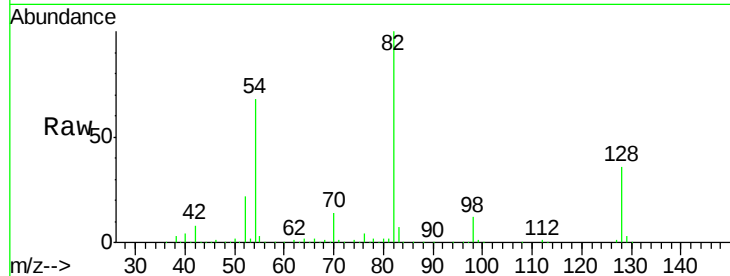
Tgt Ion: 82 Resp: 978093

Ion Ratio Lower Upper

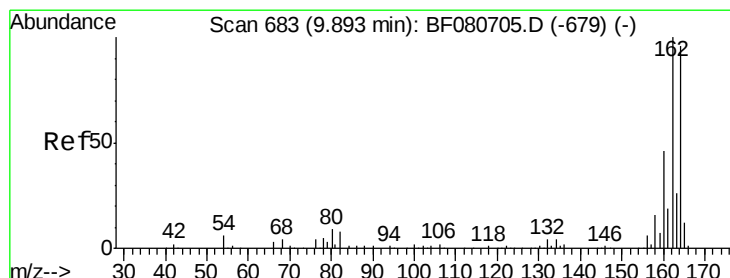
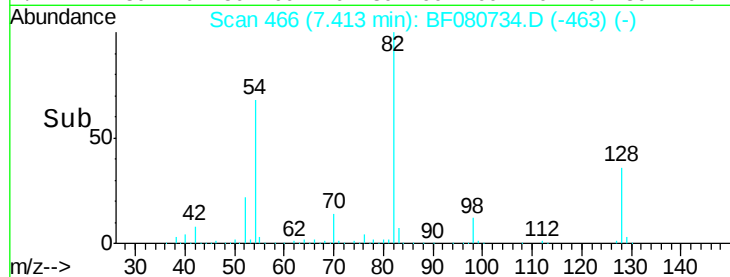
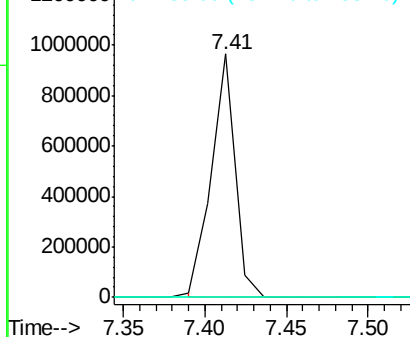
82 100

95 0.0 5.8 8.6#

138 0.0 10.7 16.1#



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): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.88 min Scan# 682

Delta R.T. -0.01 min

Lab File: BF080734.D

Acq: 31 Jul 2015 15:08

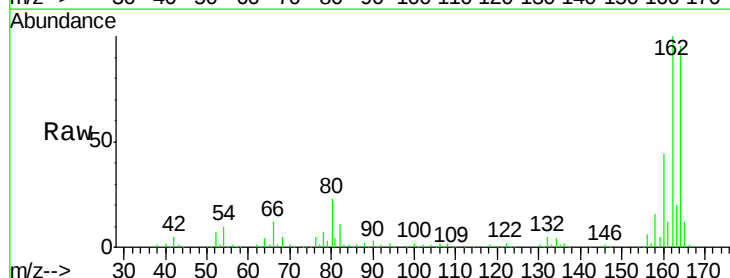
Tgt Ion: 164 Resp: 262271

Ion Ratio Lower Upper

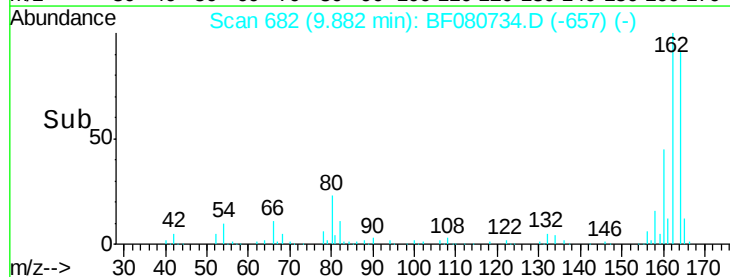
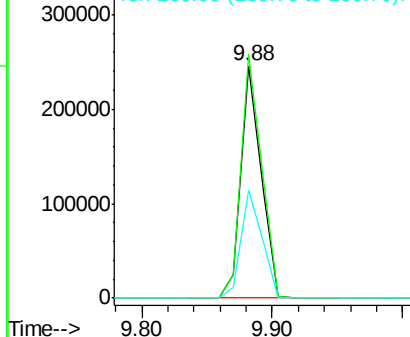
164 100

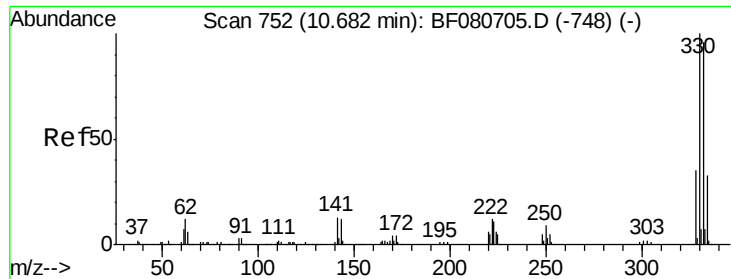
162 104.8 83.4 125.0

160 46.6 38.0 57.0



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

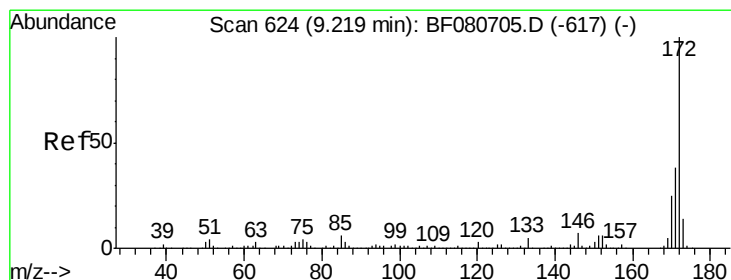
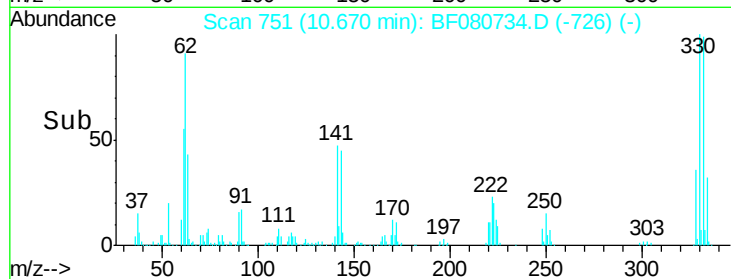
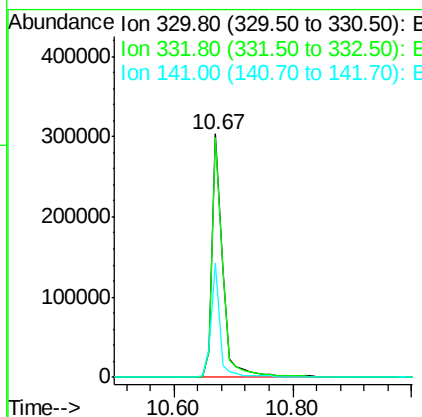
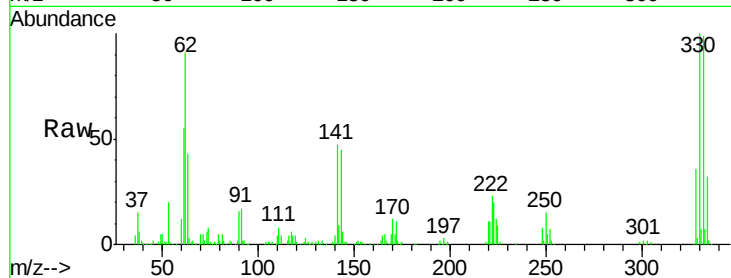




#41
 2,4,6-Tribromophenol
 Concen: 139.10 ng
 RT: 10.67 min Scan# 751
 Delta R.T. -0.01 min
 Lab File: BF080734.D
 Acq: 31 Jul 2015 15:08

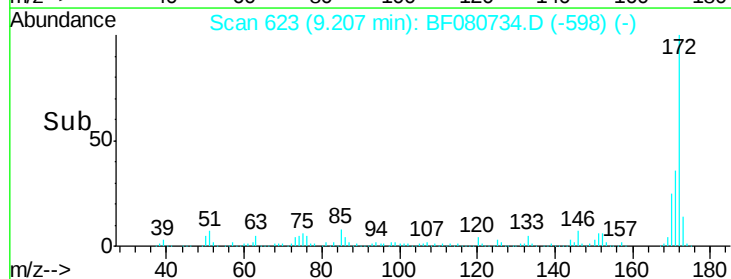
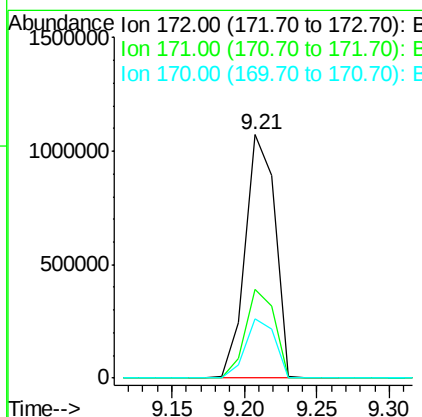
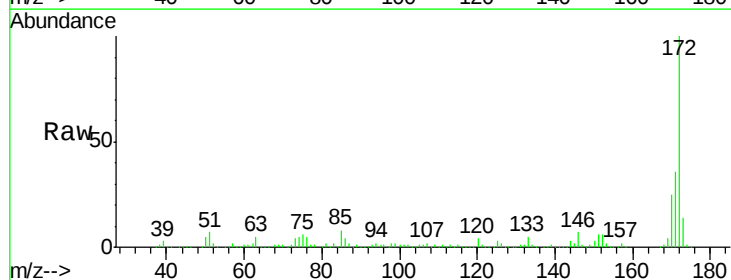
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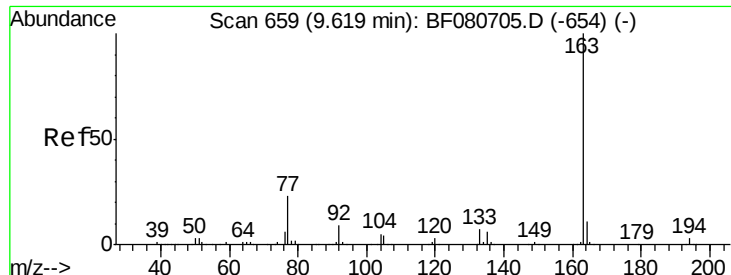
Tgt Ion:330 Resp: 378543
 Ion Ratio Lower Upper
 330 100
 332 98.6 76.6 114.8
 141 39.7 26.0 39.0#



#44
 2-Fluorobiphenyl
 Concen: 86.96 ng
 RT: 9.21 min Scan# 623
 Delta R.T. -0.01 min
 Lab File: BF080734.D
 Acq: 31 Jul 2015 15:08

Tgt Ion:172 Resp: 1528729
 Ion Ratio Lower Upper
 172 100
 171 36.4 30.2 45.4
 170 24.6 20.2 30.2

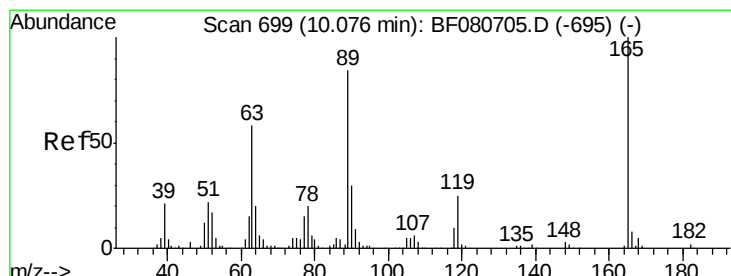
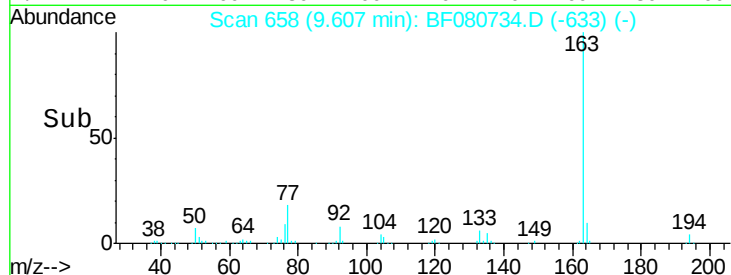
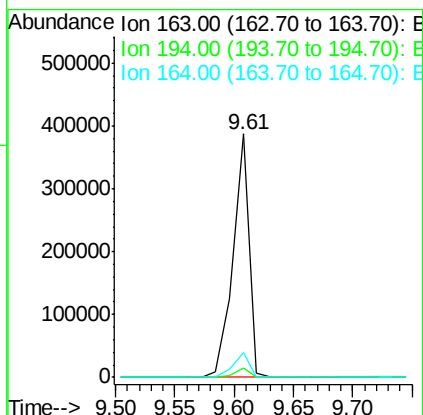
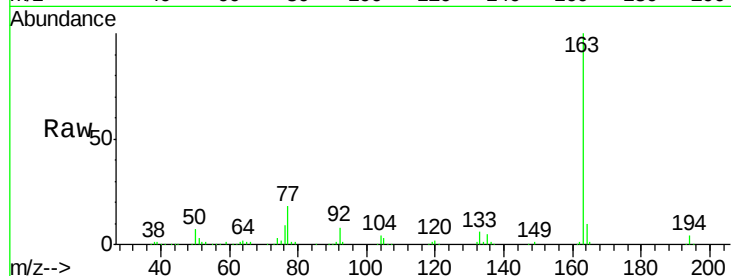




#49
Dimethylphthalate
Concen: 19.68 ng
RT: 9.61 min Scan# 658
Delta R.T. -0.01 min
Lab File: BF080734.D
Acq: 31 Jul 2015 15:08

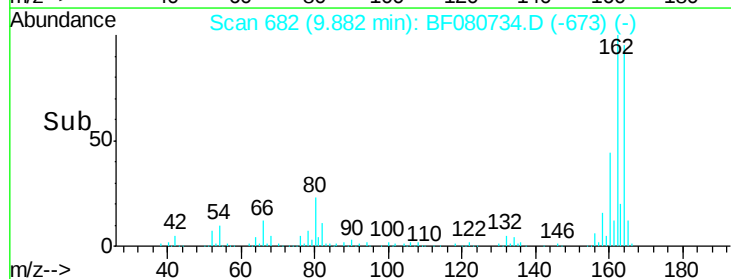
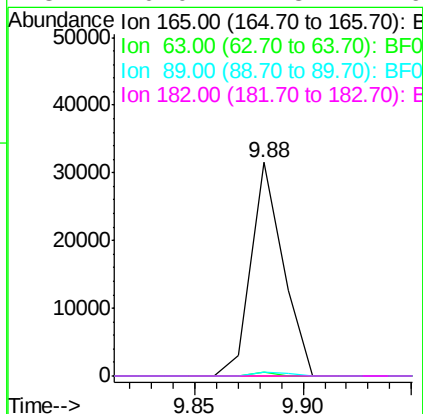
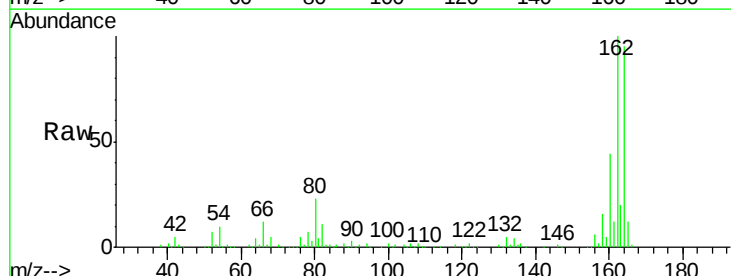
Instrument :
BNA_F
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TP-COM-03

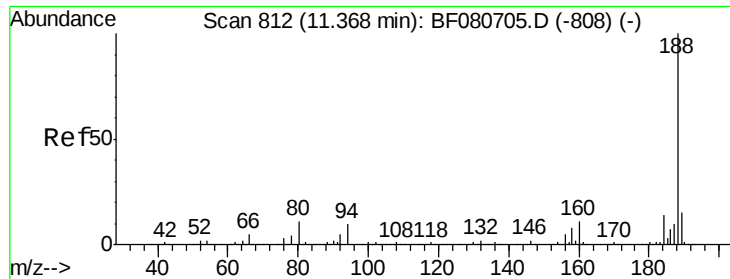
Tgt Ion:163 Resp: 363653
Ion Ratio Lower Upper
163 100
194 3.6 2.7 4.1
164 10.0 8.7 13.1



#56
2,4-Dinitrotoluene
Concen: 6.30 ng
RT: 9.88 min Scan# 682
Delta R.T. -0.19 min
Lab File: BF080734.D
Acq: 31 Jul 2015 15:08

Tgt Ion:165 Resp: 32425
Ion Ratio Lower Upper
165 100
63 2.0 46.7 70.1#
89 1.9 67.4 101.2#
182 0.0 1.8 2.6#

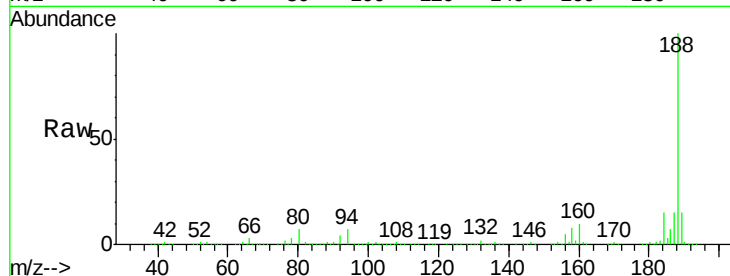




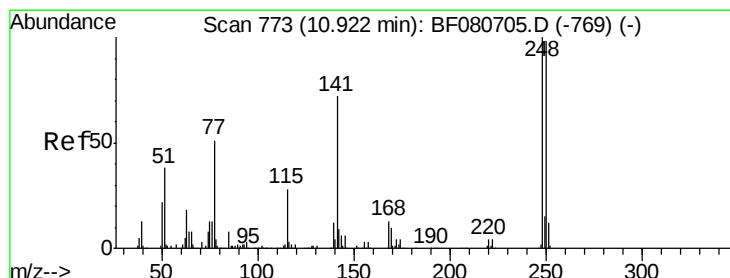
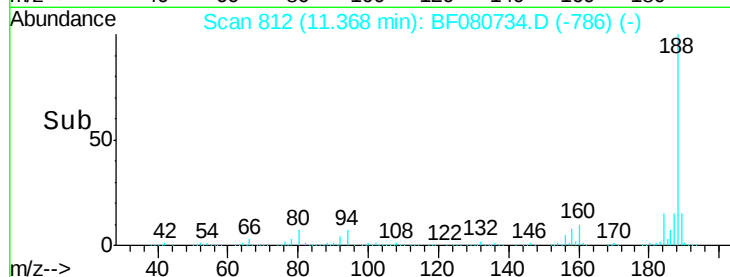
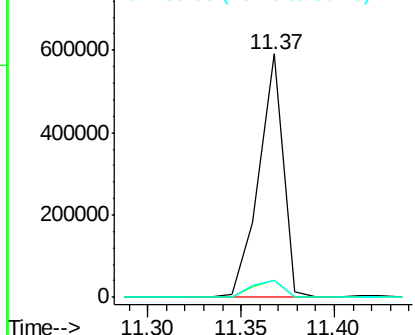
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 812
Delta R.T. -0.00 min
Lab File: BF080734.D
Acq: 31 Jul 2015 15:08

Instrument :
BNA_F
ClientSampleId :
TP-COM-03

Tgt Ion:188 Resp: 544562
Ion Ratio Lower Upper
188 100
94 6.9 8.1 12.1#
80 7.2 9.1 13.7#

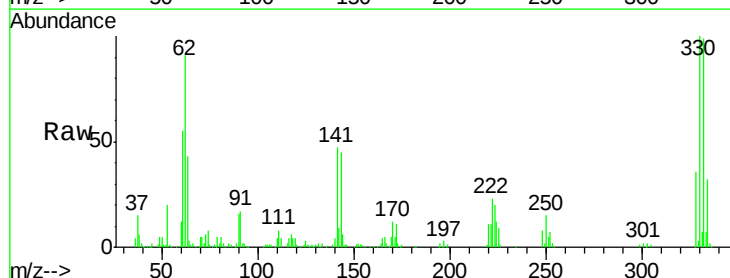


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

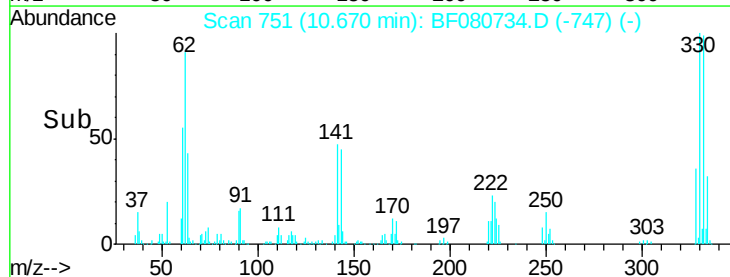
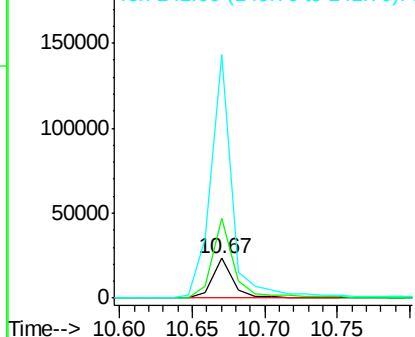


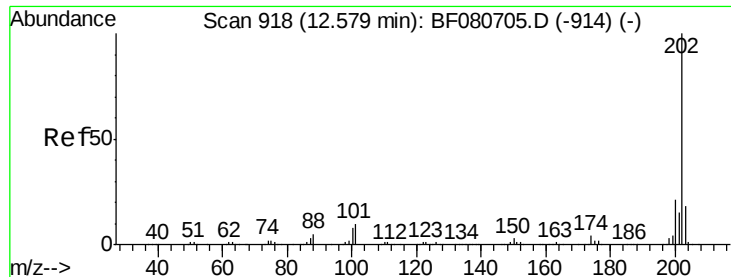
#66
4-Bromophenyl-phenylether
Concen: 4.27 ng
RT: 10.67 min Scan# 751
Delta R.T. -0.25 min
Lab File: BF080734.D
Acq: 31 Jul 2015 15:08

Tgt Ion:248 Resp: 24013
Ion Ratio Lower Upper
248 100
250 198.8 78.4 117.6#
141 609.3 57.5 86.3#



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

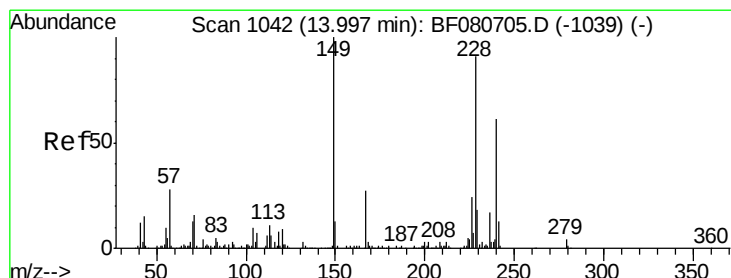
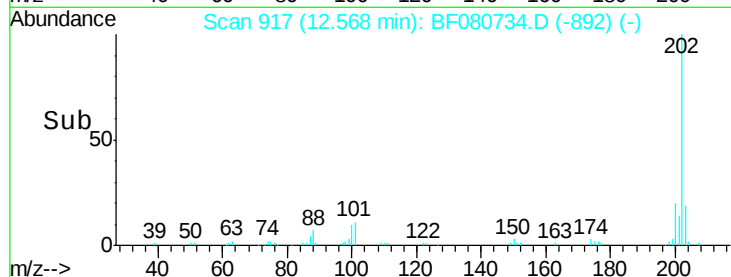
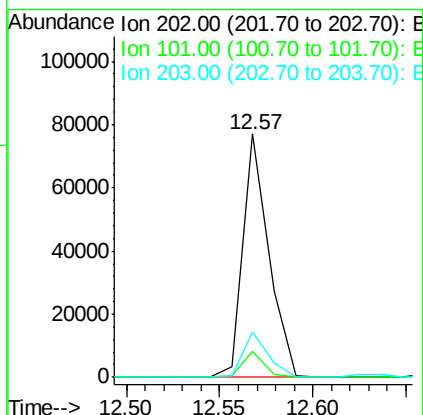
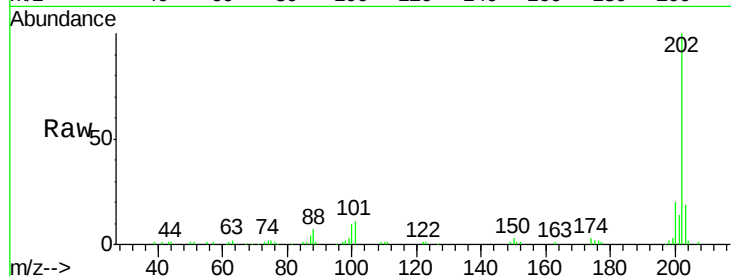




#74
 Fluoranthene
 Concen: 2.81 ng
 RT: 12.57 min Scan# 917
 Delta R.T. -0.01 min
 Lab File: BF080734.D
 Acq: 31 Jul 2015 15:08

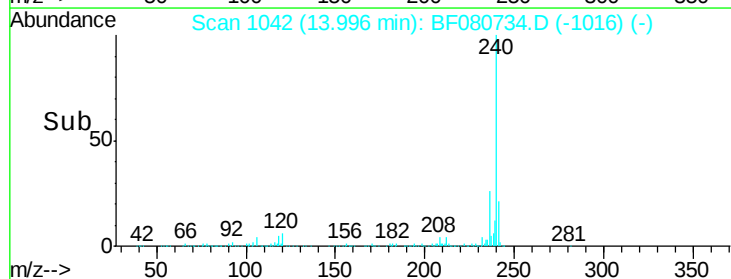
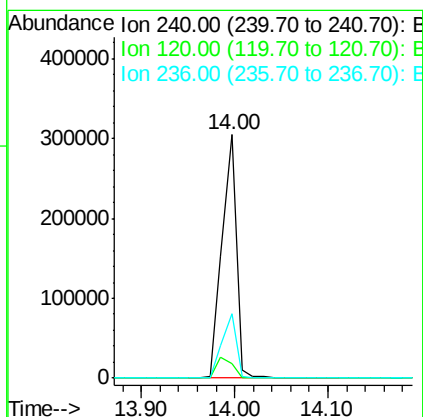
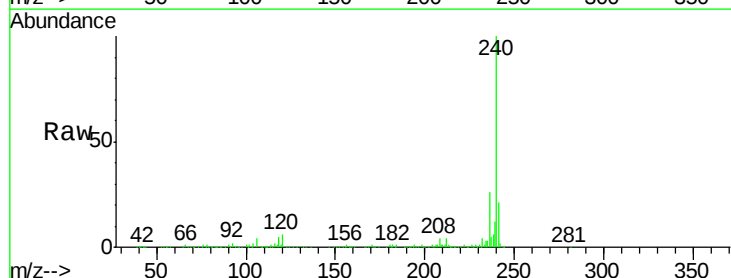
Instrument :
 BNA_F
 ClientSampleId :
 TP-COM-03

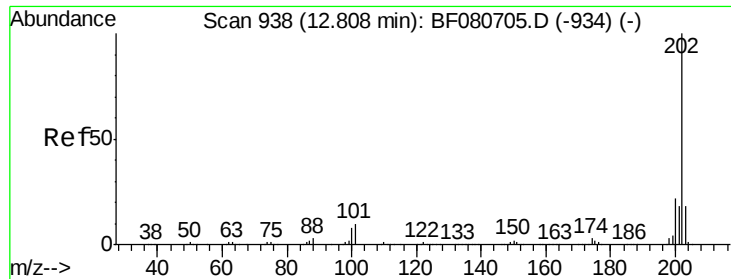
Tgt Ion:202 Resp: 74581
 Ion Ratio Lower Upper
 202 100
 101 10.5 0.0 29.6
 203 18.7 0.0 37.8



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.00 min Scan# 1042
 Delta R.T. -0.00 min
 Lab File: BF080734.D
 Acq: 31 Jul 2015 15:08

Tgt Ion:240 Resp: 328408
 Ion Ratio Lower Upper
 240 100
 120 6.1 11.8 17.8#
 236 26.4 21.8 32.8

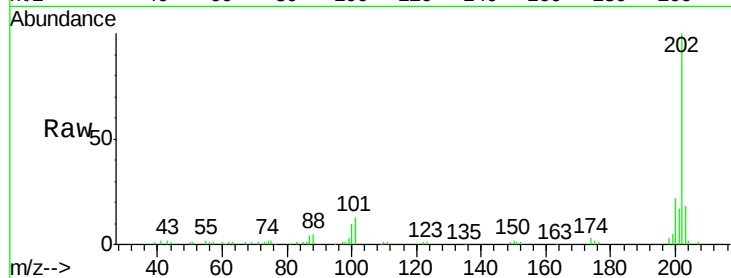




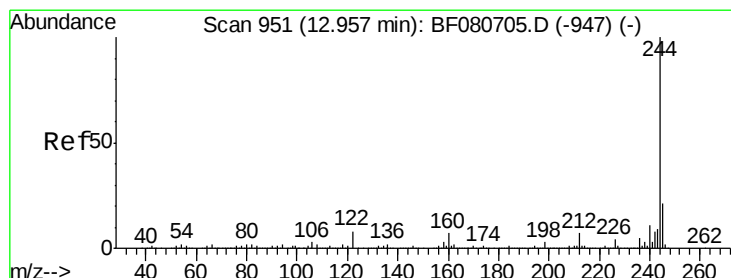
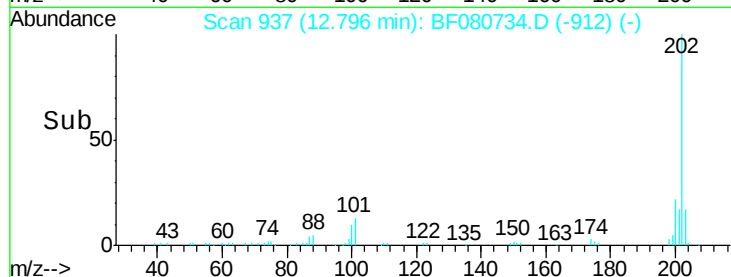
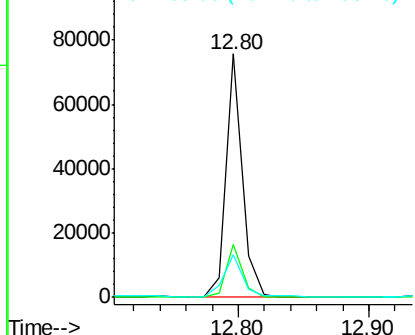
#77
 Pyrene
 Concen: 2.58 ng
 RT: 12.80 min Scan# 937
 Delta R.T. -0.01 min
 Lab File: BF080734.D
 Acq: 31 Jul 2015 15:08

Instrument :
 BNA_F
 ClientSampleId :
 TP-COM-03

Tgt Ion: 202 Resp: 65785
 Ion Ratio Lower Upper
 202 100
 200 21.9 17.4 26.2
 203 17.8 14.2 21.2

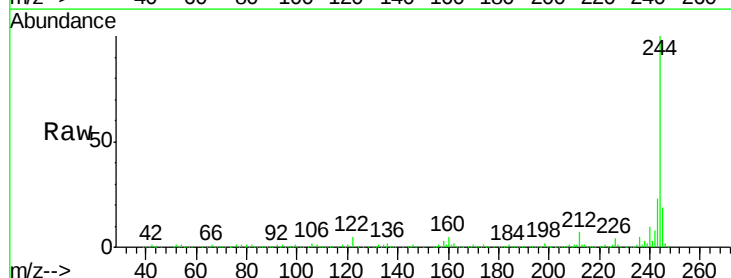


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

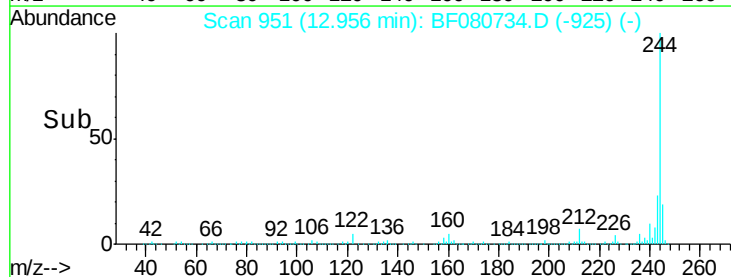
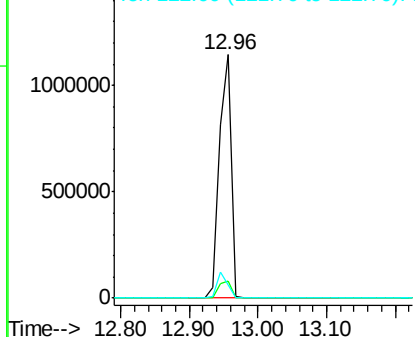


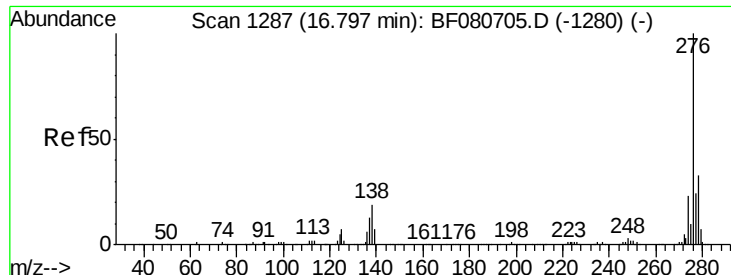
#78
 Terphenyl-d14
 Concen: 80.30 ng
 RT: 12.96 min Scan# 951
 Delta R.T. -0.00 min
 Lab File: BF080734.D
 Acq: 31 Jul 2015 15:08

Tgt Ion: 244 Resp: 1394399
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.9 8.9
 122 5.3 6.6 9.8#



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

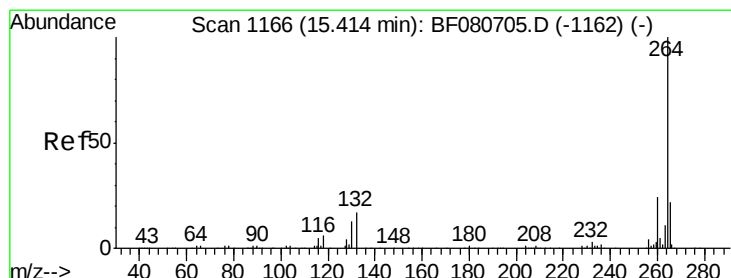
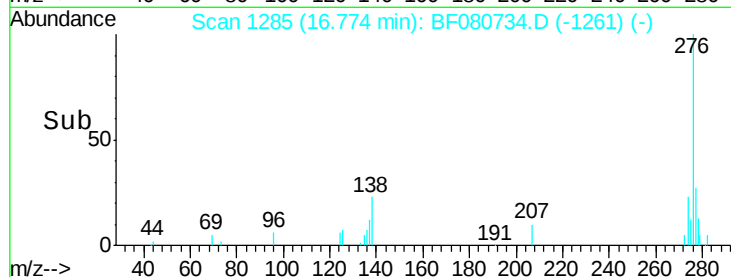
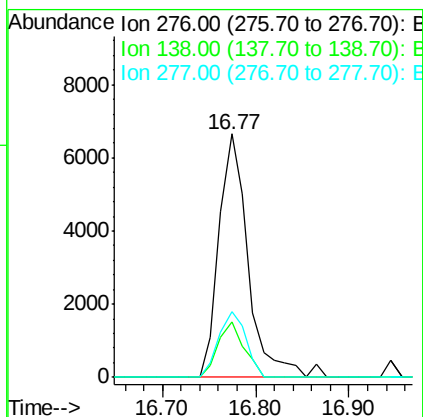
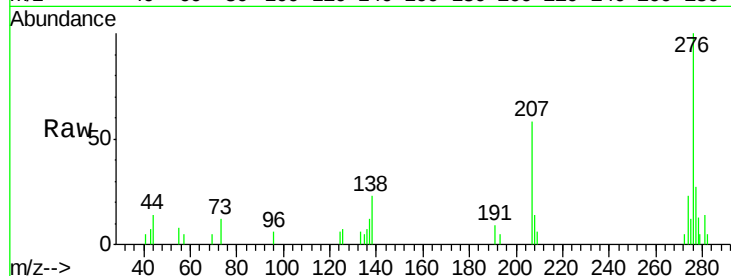




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 3.42 ng
 RT: 16.77 min Scan# 1285
 Delta R.T. -0.02 min
 Lab File: BF080734.D
 Acq: 31 Jul 2015 15:08

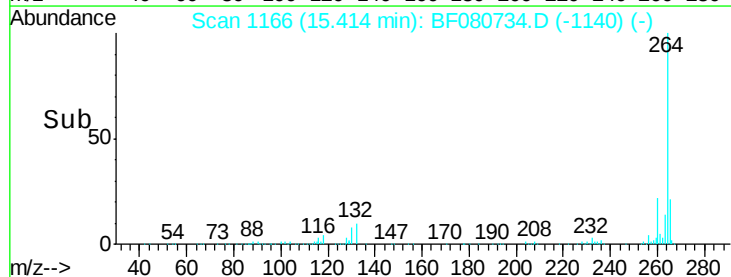
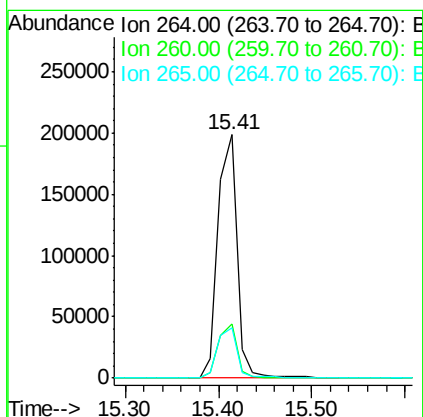
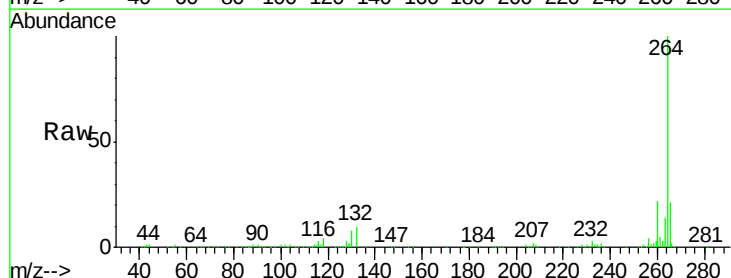
Instrument :
 BNA_F
 ClientSampleId :
 TP-COM-03

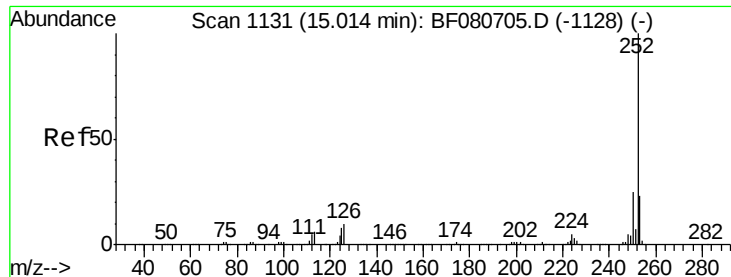
Tgt Ion: 276 Resp: 14558
 Ion Ratio Lower Upper
 276 100
 138 20.1 13.2 19.8#
 277 25.1 15.4 23.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.41 min Scan# 1166
 Delta R.T. -0.00 min
 Lab File: BF080734.D
 Acq: 31 Jul 2015 15:08

Tgt Ion: 264 Resp: 283804
 Ion Ratio Lower Upper
 264 100
 260 22.3 19.4 29.0
 265 20.6 17.3 25.9





#87

Benzo(b)fluoranthene

Concen: 2.23 ng

RT: 15.00 min Scan# 1130

Delta R.T. -0.01 min

Lab File: BF080734.D

Acq: 31 Jul 2015 15:08

Instrument :

BNA_F

ClientSampleId :

TP-COM-03

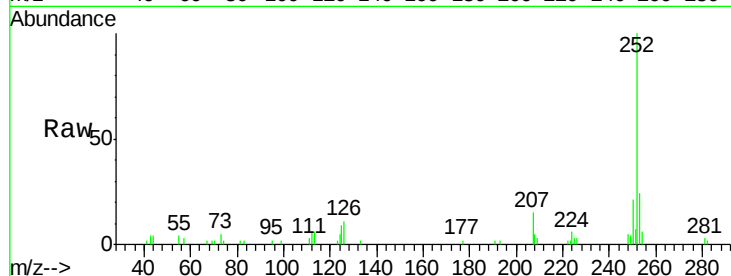
Tgt Ion:252 Resp: 37760

Ion Ratio Lower Upper

252 100

253 24.0 18.1 27.1

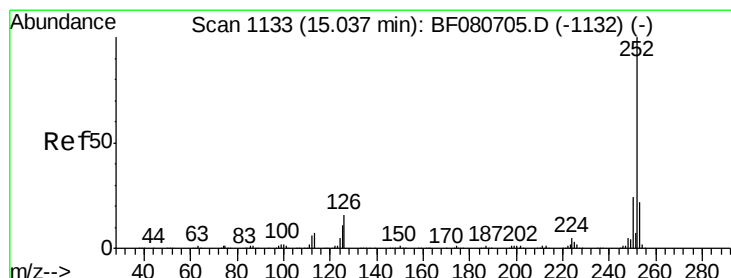
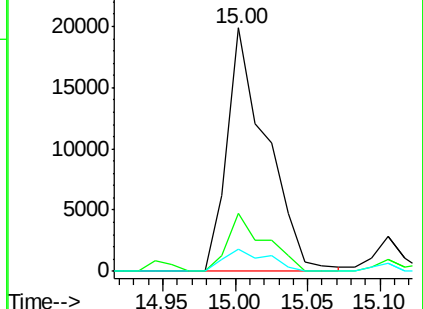
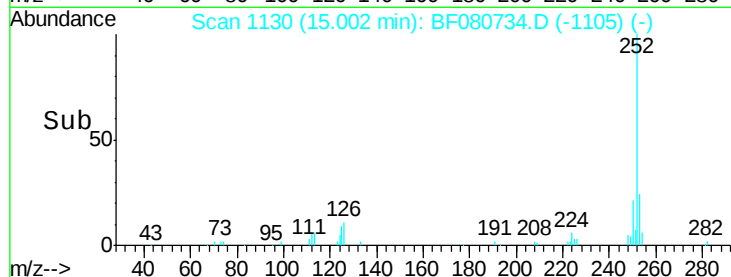
125 9.3 6.2 9.2#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 2.71 ng

RT: 15.00 min Scan# 1130

Delta R.T. -0.03 min

Lab File: BF080734.D

Acq: 31 Jul 2015 15:08

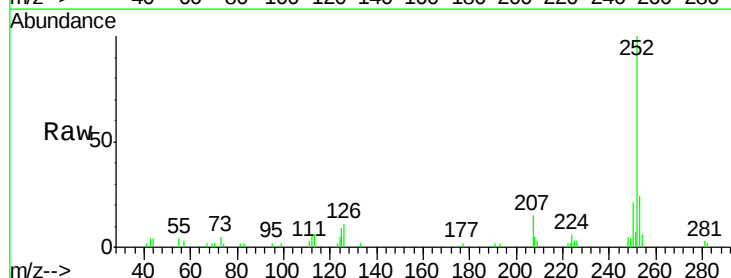
Tgt Ion:252 Resp: 37760

Ion Ratio Lower Upper

252 100

253 24.0 17.8 26.6

125 9.3 9.0 13.4



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

