

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF073115\
 Data File : BF080738.D
 Acq On : 31 Jul 2015 17:14
 Operator : TP/UM
 Sample : G3090-01
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WCS1-072215

Quant Time: Aug 01 00:34:35 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	155256	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	588019	20.00	ng	-0.01
38) Acenaphthene-d10	9.88	164	271381	20.00	ng	-0.01
63) Phenanthrene-d10	11.37	188	576734	20.00	ng	0.00
75) Chrysene-d12	14.00	240	399415	20.00	ng	0.00
86) Perylene-d12	15.41	264	342568	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.46	112	1272903	140.65	ng	0.01
7) Phenol-d6	6.49	99	1809882	146.89	ng	0.00
23) Nitrobenzene-d5	7.41	82	1018373	83.87	ng	-0.01
41) 2,4,6-Tribromophenol	10.67	330	400706	142.30	ng	-0.01
44) 2-Fluorobiphenyl	9.21	172	1744674	95.91	ng	-0.01
78) Terphenyl-d14	12.96	244	1667483	78.96	ng	0.00

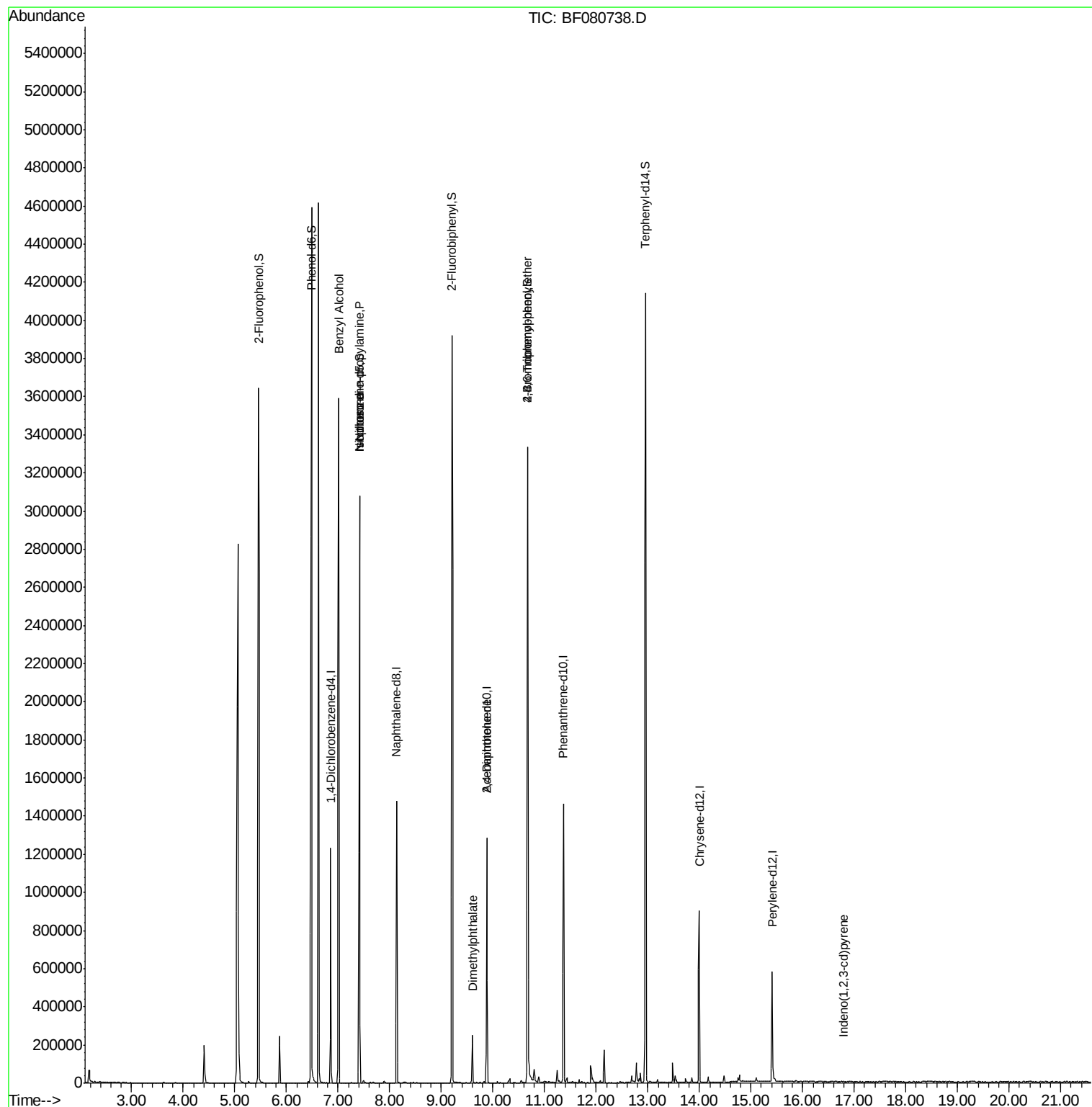
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.49	77	2590	Below Cal	#	1
15) Benzyl Alcohol	7.01	79	20743	2.03	ng	46
19) n-Nitroso-di-n-propylamine	7.41	70	143541	17.30	ng	76
25) Isophorone	7.41	82	1004024	46.50	ng	71
49) Dimethylphthalate	9.61	163	141070	7.38	ng	96
56) 2,4-Dinitrotoluene	9.88	165	35074	6.59	ng	17
66) 4-Bromophenyl-phenylether	10.67	248	26125	4.39	ng	1
85) Indeno(1,2,3-cd)pyrene	16.79	276	206	2.63	ng	59

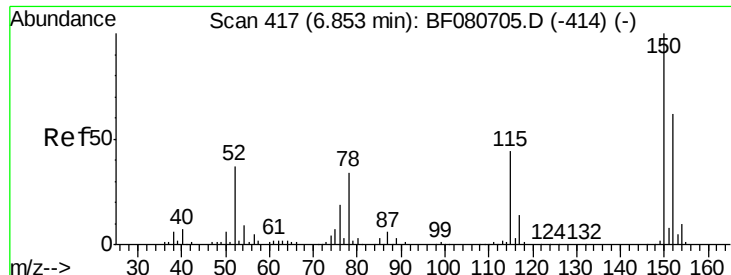
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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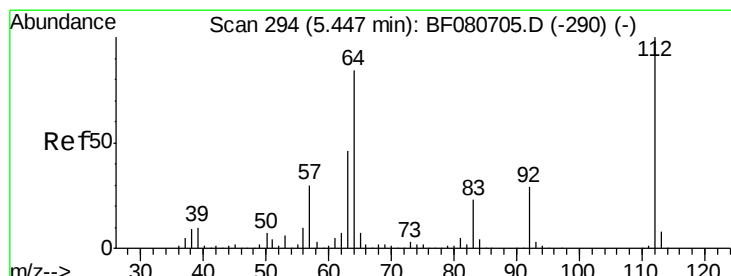
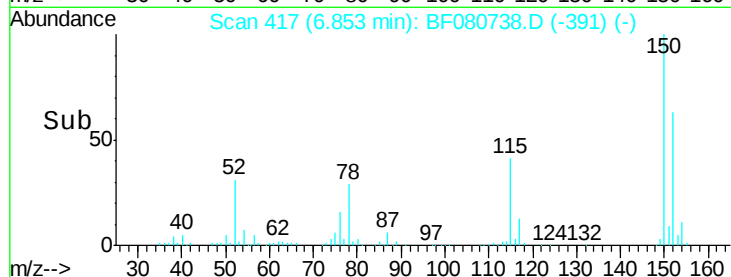
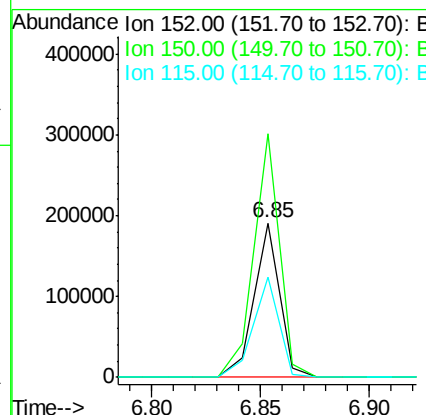
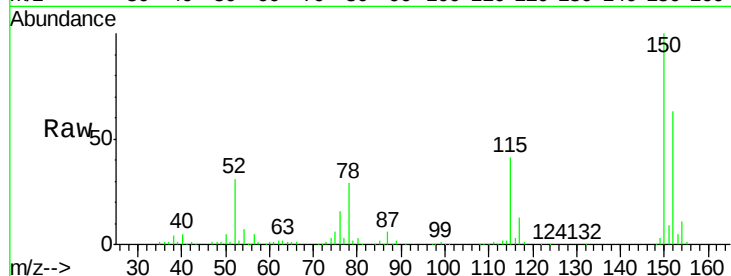




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.85 min Scan# 417
 Delta R.T. 0.00 min
 Lab File: BF080738.D
 Acq: 31 Jul 2015 17:14

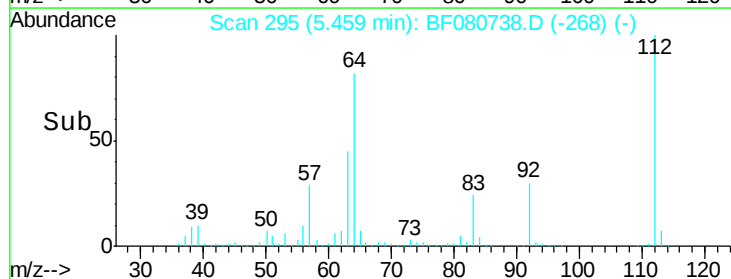
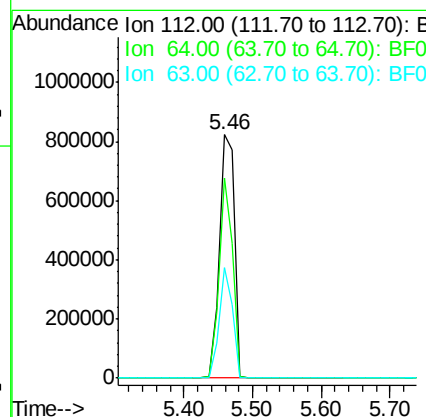
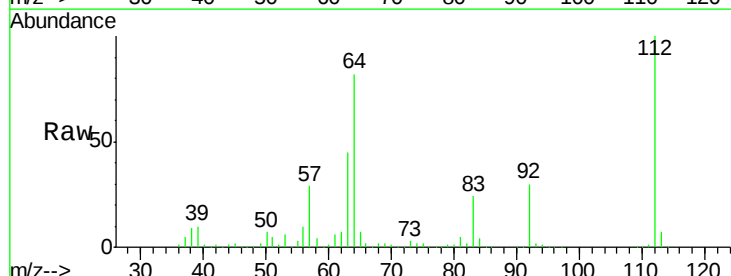
Instrument :
 BNA_F
 ClientSampleId :
 WCS1-072215

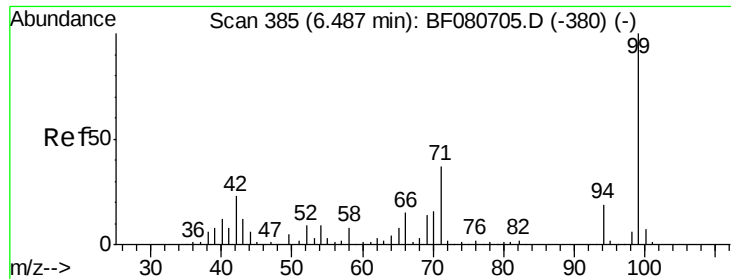
Tgt Ion:152 Resp: 155256
 Ion Ratio Lower Upper
 152 100
 150 157.6 129.6 194.4
 115 65.0 56.6 85.0



#5
 2-Fluorophenol
 Concen: 140.65 ng
 RT: 5.46 min Scan# 295
 Delta R.T. 0.01 min
 Lab File: BF080738.D
 Acq: 31 Jul 2015 17:14

Tgt Ion:112 Resp: 1272903
 Ion Ratio Lower Upper
 112 100
 64 82.2 66.8 100.2
 63 45.5 36.7 55.1





#7

Phenol-d6

Concen: 146.89 ng

RT: 6.49 min Scan# 385

Delta R.T. 0.00 min

Lab File: BF080738.D

Acq: 31 Jul 2015 17:14

Instrument :

BNA_F

ClientSampleId :

WCS1-072215

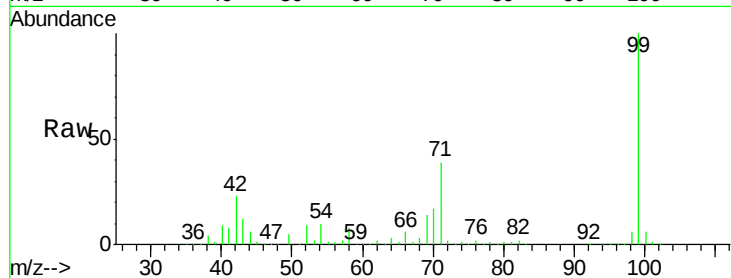
Tgt Ion: 99 Resp: 1809882

Ion Ratio Lower Upper

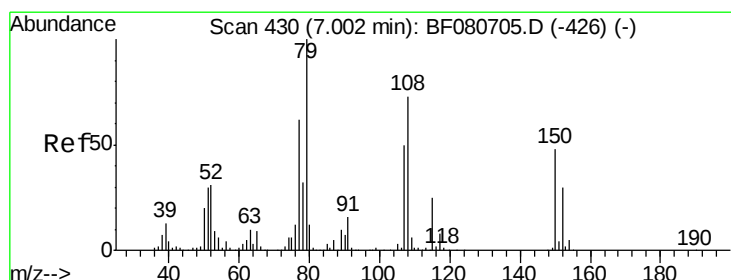
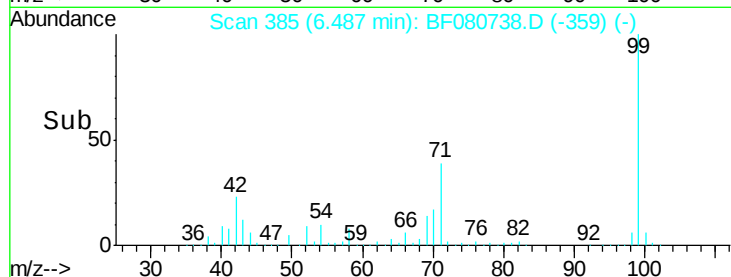
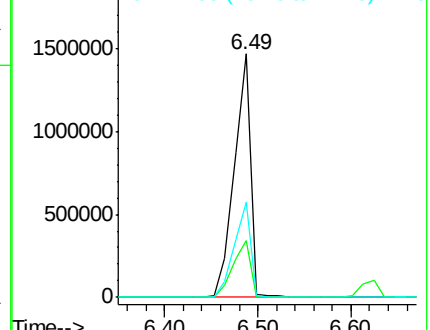
99 100

42 23.3 18.2 27.2

71 39.2 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



#15

Benzyl Alcohol

Concen: 2.03 ng

RT: 7.01 min Scan# 431

Delta R.T. 0.01 min

Lab File: BF080738.D

Acq: 31 Jul 2015 17:14

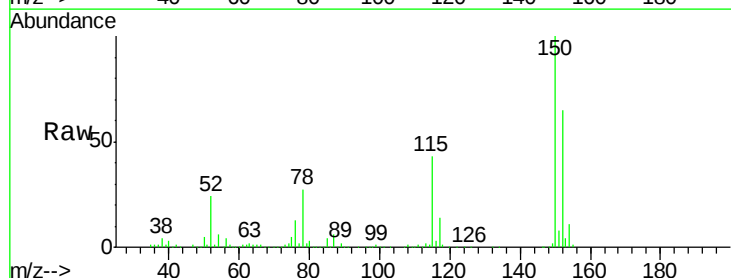
Tgt Ion: 79 Resp: 20743

Ion Ratio Lower Upper

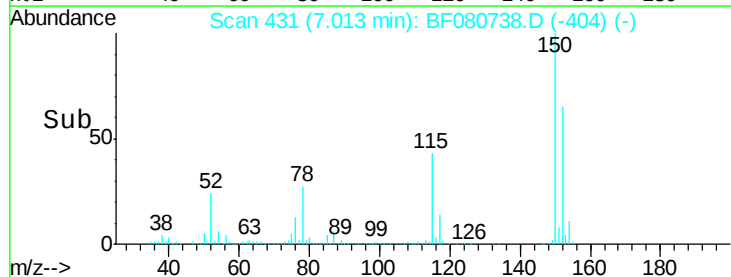
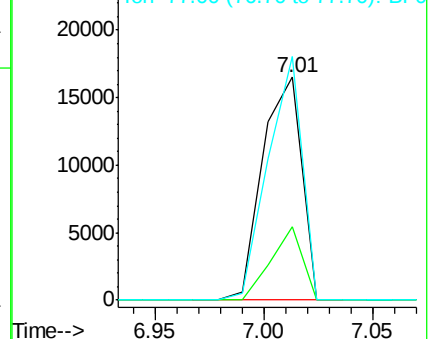
79 100

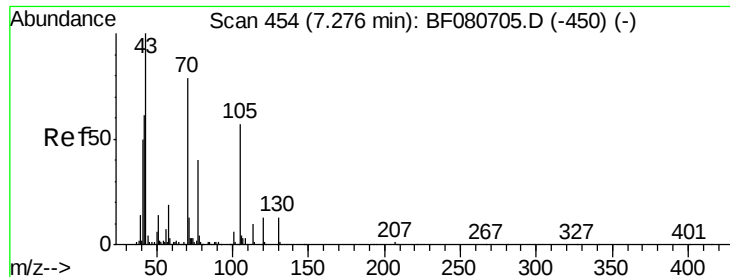
108 32.9 58.7 88.1#

77 109.2 49.8 74.8#



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

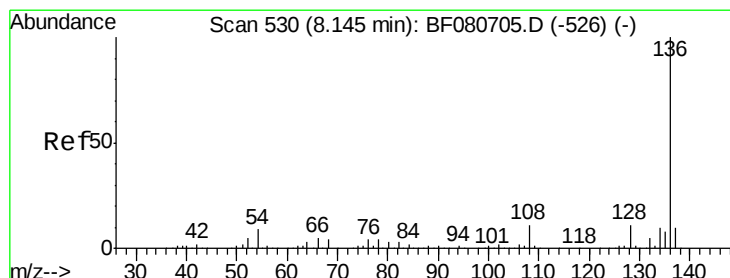
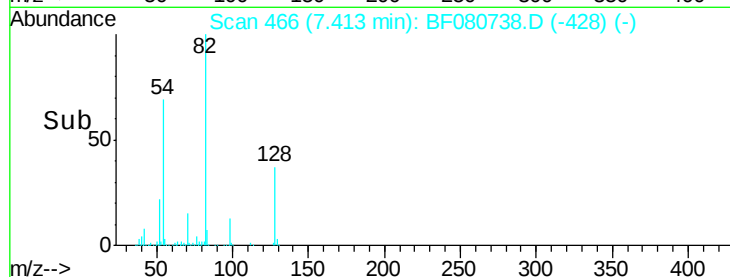
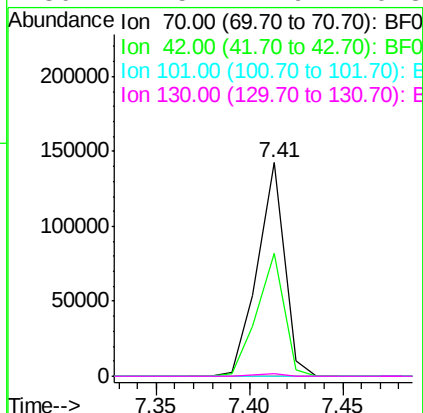
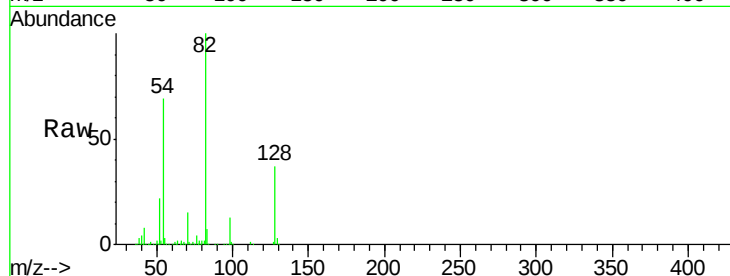




#19
n-Nitroso-di-n-propylamine
Concen: 17.30 ng
RT: 7.41 min Scan# 466
Delta R.T. 0.14 min
Lab File: BF080738.D
Acq: 31 Jul 2015 17:14

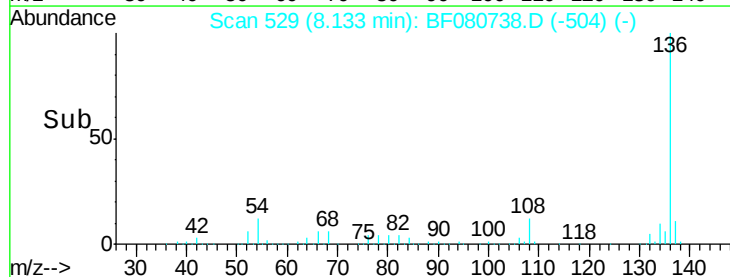
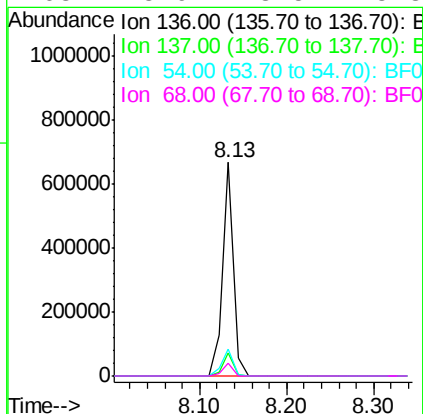
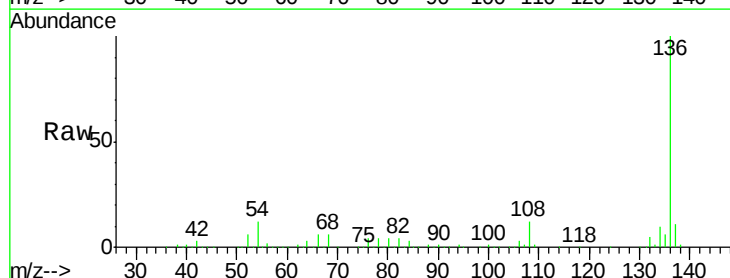
Instrument :
BNA_F
ClientSampleId :
WCS1-072215

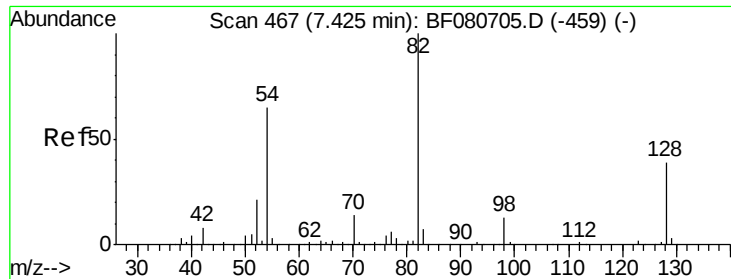
Tgt Ion: 70 Resp: 143541
Ion Ratio Lower Upper
70 100
42 57.7 61.8 92.6#
101 0.0 6.1 9.1#
130 1.5 12.9 19.3#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 529
Delta R.T. -0.01 min
Lab File: BF080738.D
Acq: 31 Jul 2015 17:14

Tgt Ion: 136 Resp: 588019
Ion Ratio Lower Upper
136 100
137 11.0 8.4 12.6
54 12.4 6.9 10.3#
68 5.9 3.5 5.3#

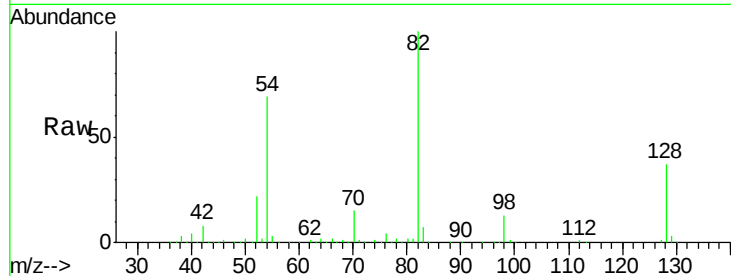




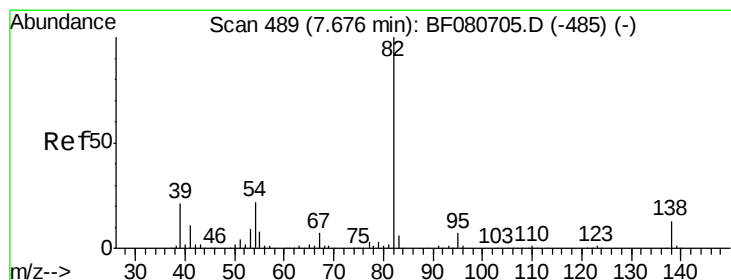
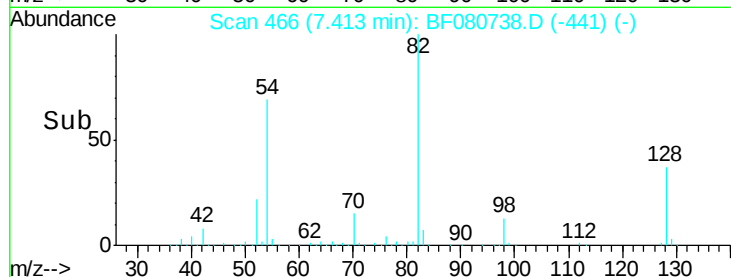
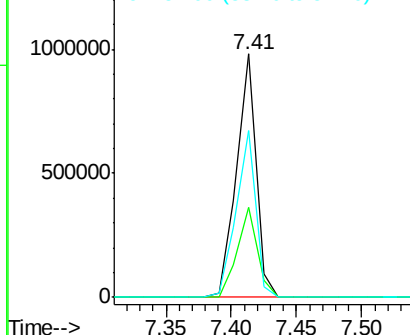
#23
 Nitrobenzene-d5
 Concen: 83.87 ng
 RT: 7.41 min Scan# 466
 Delta R.T. -0.01 min
 Lab File: BF080738.D
 Acq: 31 Jul 2015 17:14

Instrument :
 BNA_F
 ClientSampleId :
 WCS1-072215

Tgt Ion: 82 Resp: 1018373
 Ion Ratio Lower Upper
 82 100
 128 36.8 31.5 47.3
 54 68.8 51.8 77.8

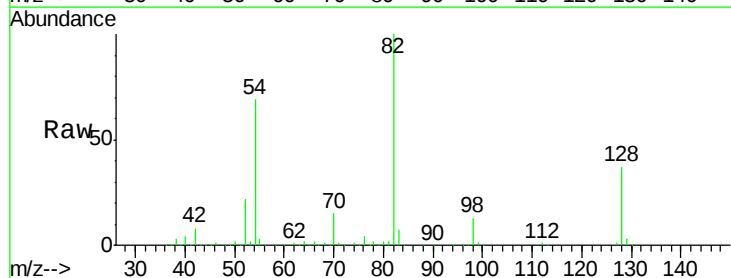


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

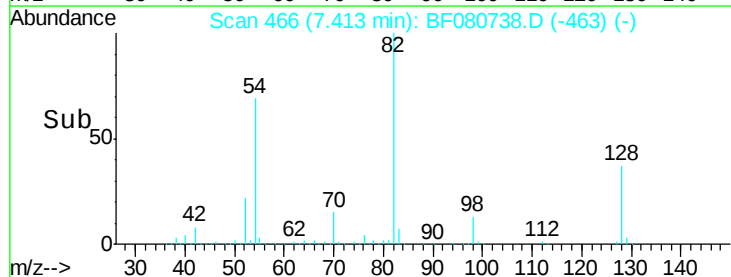
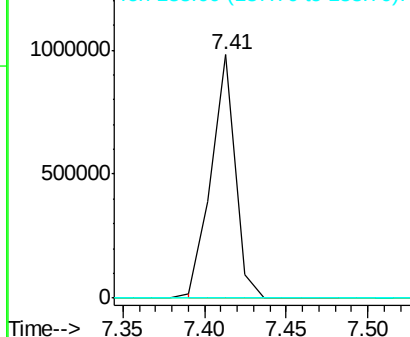


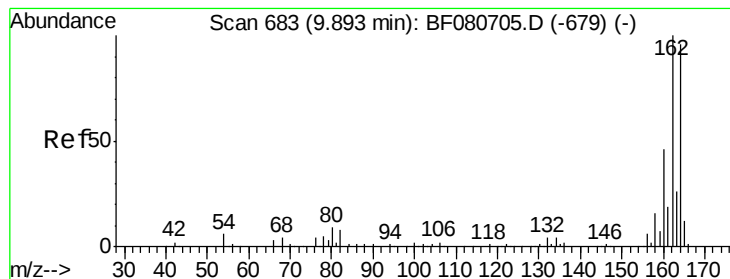
#25
 Isophorone
 Concen: 46.50 ng
 RT: 7.41 min Scan# 466
 Delta R.T. -0.26 min
 Lab File: BF080738.D
 Acq: 31 Jul 2015 17:14

Tgt Ion: 82 Resp: 1004024
 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): BF0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.88 min Scan# 682

Delta R.T. -0.01 min

Lab File: BF080738.D

Acq: 31 Jul 2015 17:14

Instrument :

BNA_F

ClientSampleId :

WCS1-072215

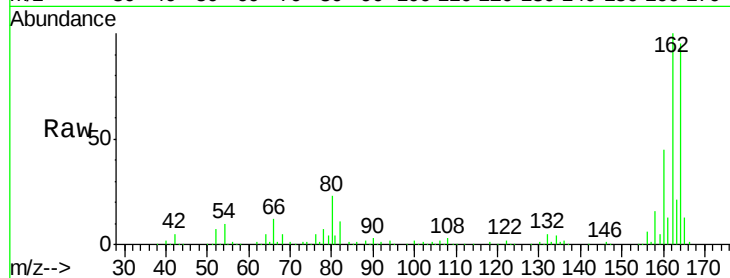
Tgt Ion:164 Resp: 271381

Ion Ratio Lower Upper

164 100

162 105.6 83.4 125.0

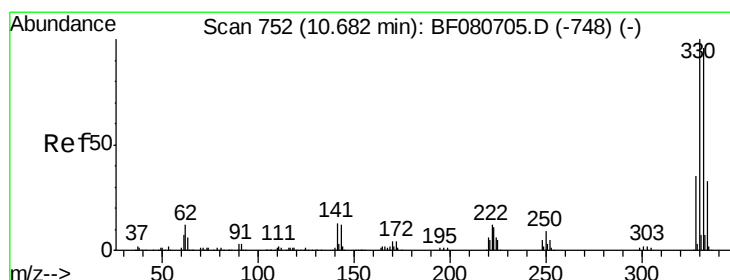
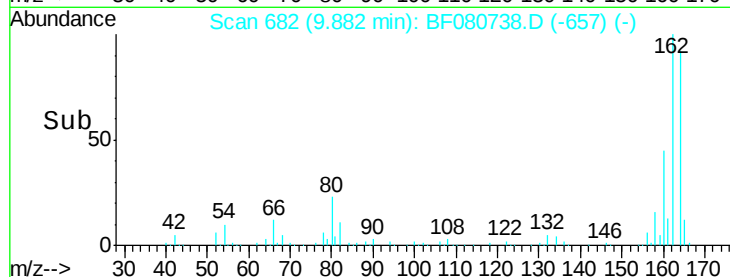
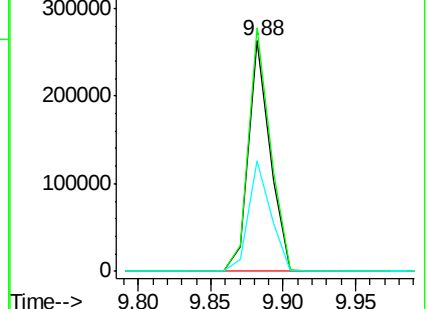
160 47.9 38.0 57.0



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: 142.30 ng

RT: 10.67 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF080738.D

Acq: 31 Jul 2015 17:14

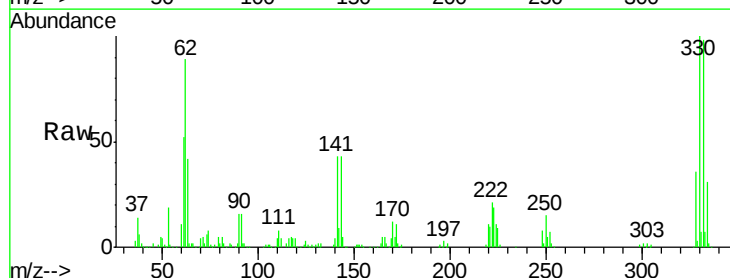
Tgt Ion:330 Resp: 400706

Ion Ratio Lower Upper

330 100

332 97.1 76.6 114.8

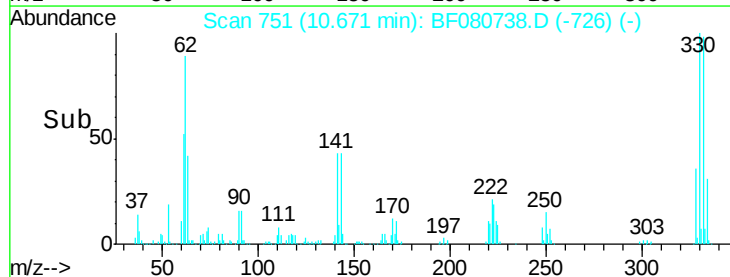
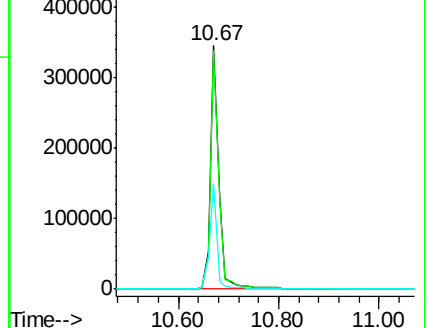
141 38.5 26.0 39.0

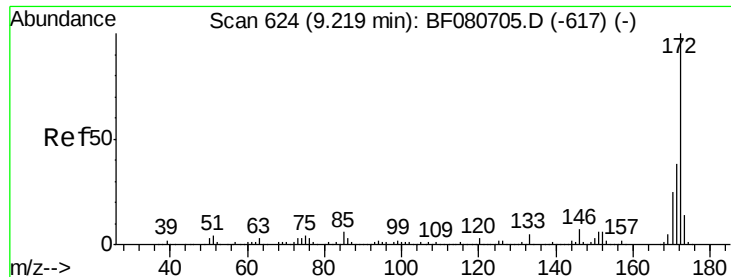


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

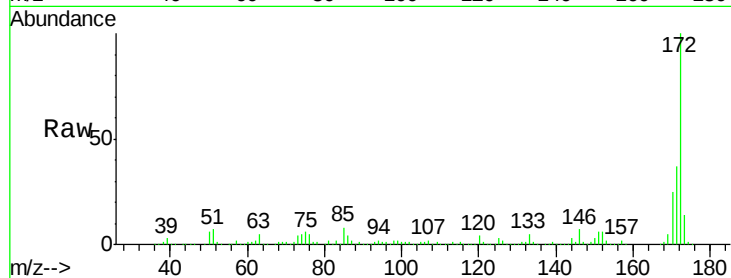




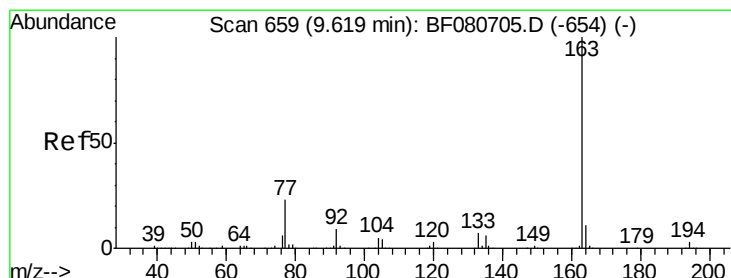
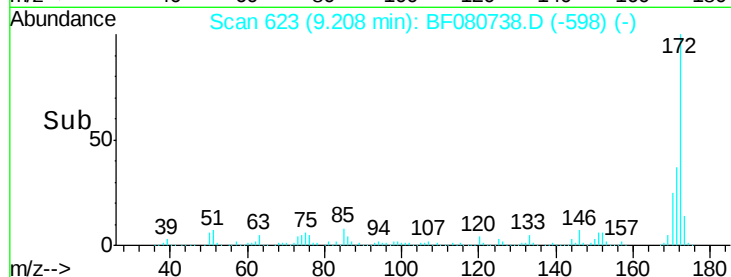
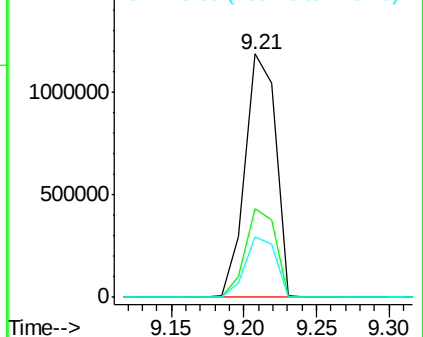
#44
2-Fluorobiphenyl
Concen: 95.91 ng
RT: 9.21 min Scan# 623
Delta R.T. -0.01 min
Lab File: BF080738.D
Acq: 31 Jul 2015 17:14

Instrument :
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Tgt Ion:172 Resp: 1744674
Ion Ratio Lower Upper
172 100
171 36.7 30.2 45.4
170 24.7 20.2 30.2

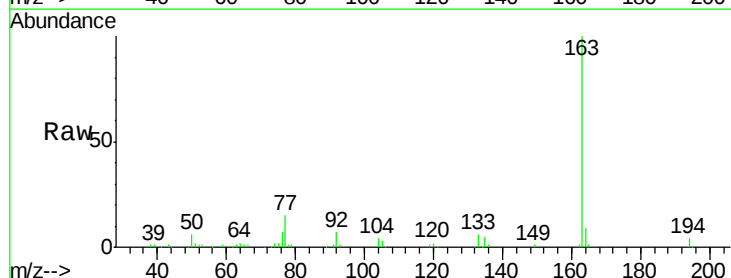


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

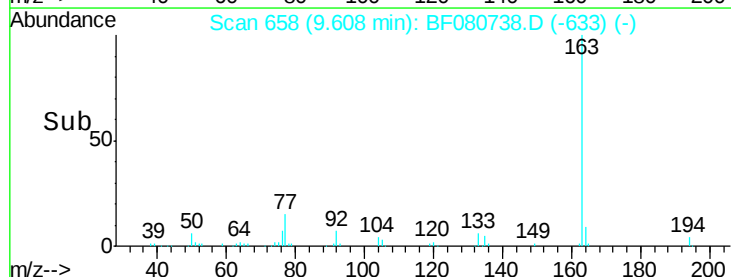
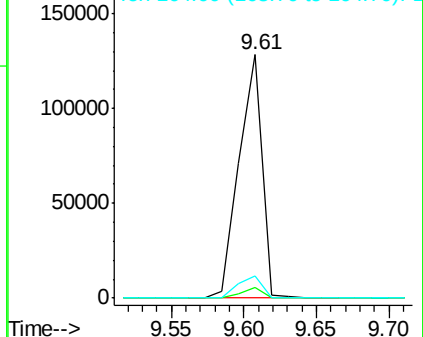


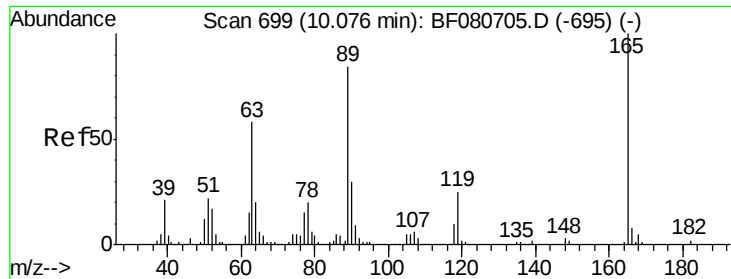
#49
Dimethylphthalate
Concen: 7.38 ng
RT: 9.61 min Scan# 658
Delta R.T. -0.01 min
Lab File: BF080738.D
Acq: 31 Jul 2015 17:14

Tgt Ion:163 Resp: 141070
Ion Ratio Lower Upper
163 100
194 4.3 2.7 4.1#
164 9.2 8.7 13.1



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

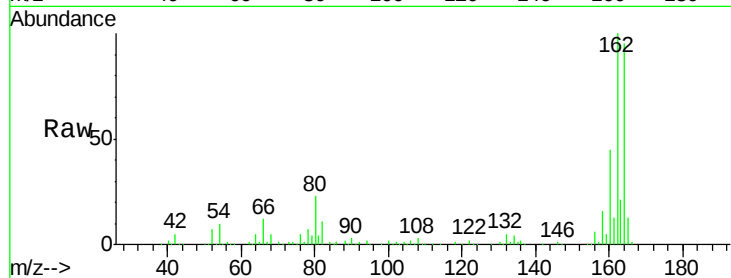




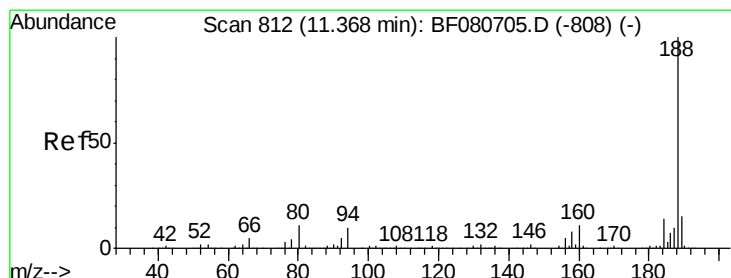
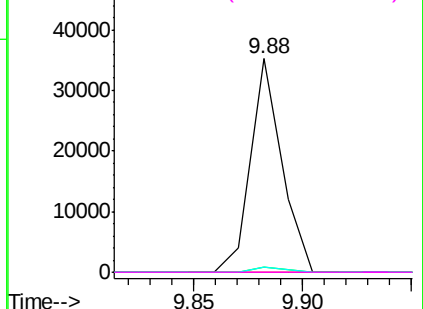
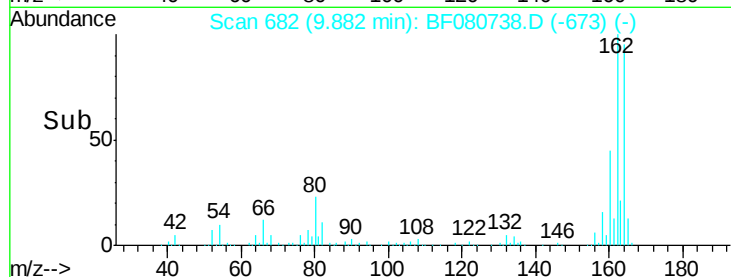
#56
 2,4-Dinitrotoluene
 Concen: 6.59 ng
 RT: 9.88 min Scan# 682
 Delta R.T. -0.19 min
 Lab File: BF080738.D
 Acq: 31 Jul 2015 17:14

Instrument :
 BNA_F
 ClientSampleId :
 WCS1-072215

Tgt Ion:165 Resp: 35074
 Ion Ratio Lower Upper
 165 100
 63 2.1 46.7 70.1#
 89 2.1 67.4 101.2#
 182 0.0 1.8 2.6#

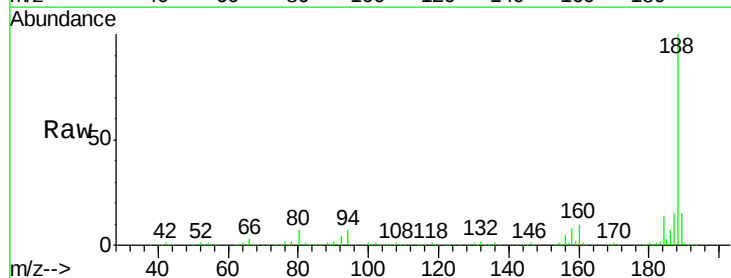


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

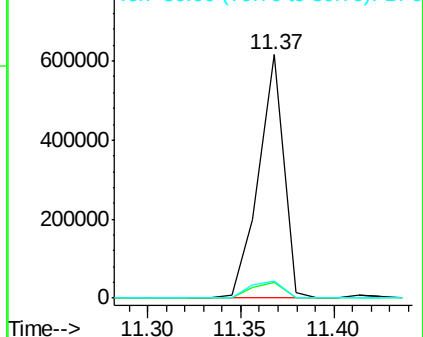
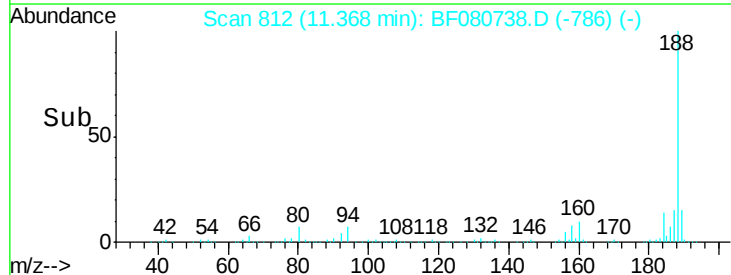


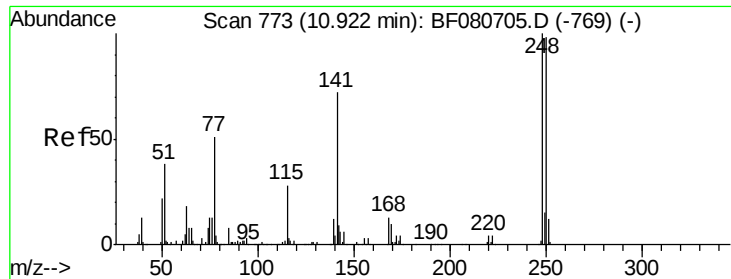
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.37 min Scan# 812
 Delta R.T. 0.00 min
 Lab File: BF080738.D
 Acq: 31 Jul 2015 17:14

Tgt Ion:188 Resp: 576734
 Ion Ratio Lower Upper
 188 100
 94 6.7 8.1 12.1#
 80 7.0 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

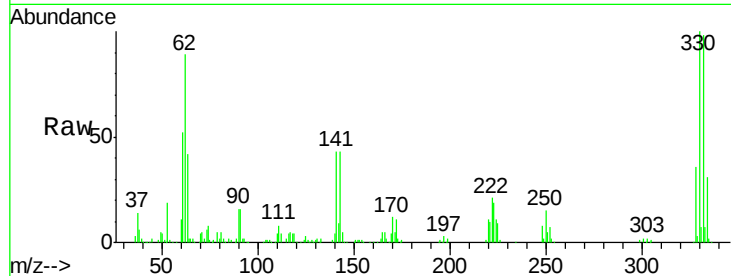




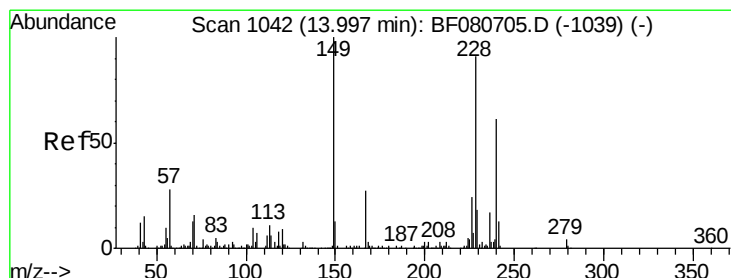
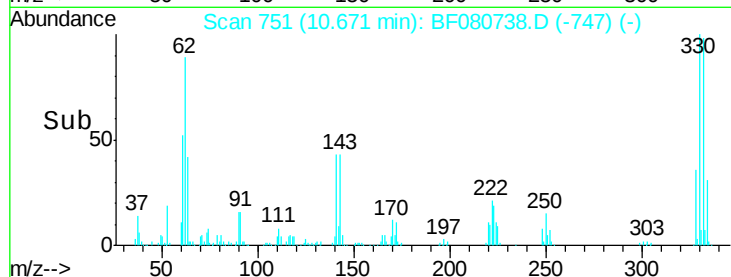
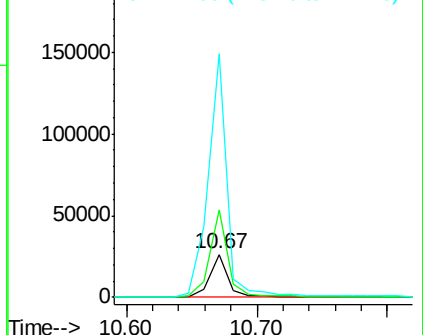
#66
4-Bromophenyl-phenylether
Concen: 4.39 ng
RT: 10.67 min Scan# 751
Delta R.T. -0.25 min
Lab File: BF080738.D
Acq: 31 Jul 2015 17:14

Instrument :
BNA_F
ClientSampleId :
WCS1-072215

Tgt Ion:248 Resp: 26125
Ion Ratio Lower Upper
248 100
250 201.7 78.4 117.6#
141 565.5 57.5 86.3#

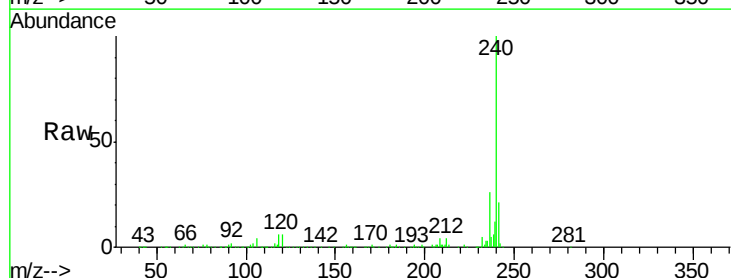


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

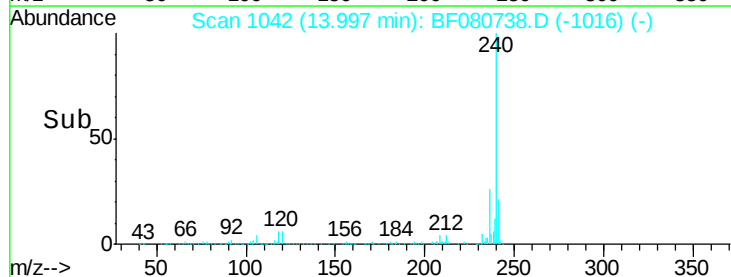
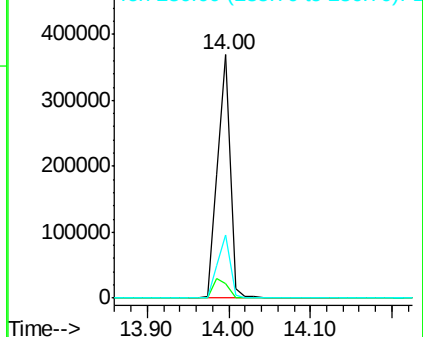


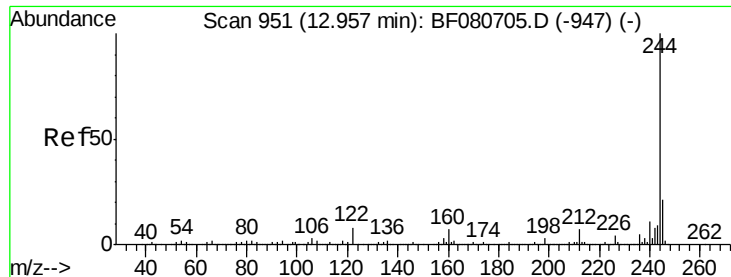
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.00 min Scan# 1042
Delta R.T. 0.00 min
Lab File: BF080738.D
Acq: 31 Jul 2015 17:14

Tgt Ion:240 Resp: 399415
Ion Ratio Lower Upper
240 100
120 6.0 11.8 17.8#
236 26.2 21.8 32.8



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 78.96 ng

RT: 12.96 min Scan# 951

Delta R.T. 0.00 min

Lab File: BF080738.D

Acq: 31 Jul 2015 17:14

Instrument :

BNA_F

ClientSampleId :

WCS1-072215

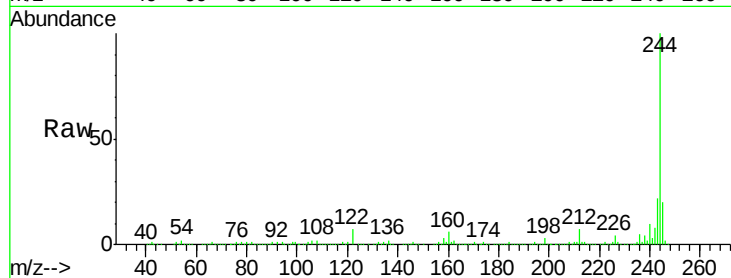
Tgt Ion:244 Resp: 1667483

Ion Ratio Lower Upper

244 100

212 7.3 5.9 8.9

122 7.2 6.6 9.8



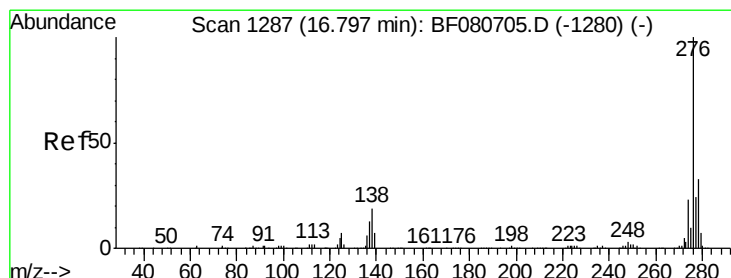
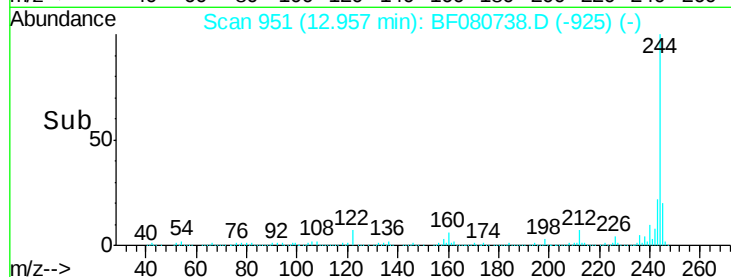
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

12.96

Time--> 12.80 13.00 13.20



#85

Indeno(1,2,3-cd)pyrene

Concen: 2.63 ng

RT: 16.79 min Scan# 1286

Delta R.T. -0.01 min

Lab File: BF080738.D

Acq: 31 Jul 2015 17:14

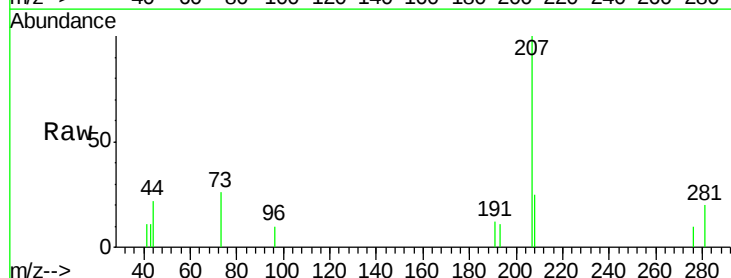
Tgt Ion:276 Resp: 206

Ion Ratio Lower Upper

276 100

138 0.0 13.2 19.8#

277 0.0 15.4 23.2#



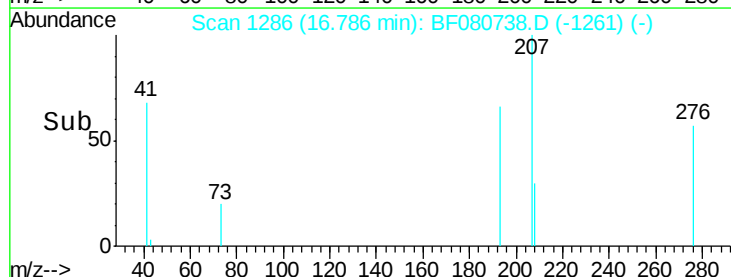
Abundance Ion 276.00 (275.70 to 276.70): E

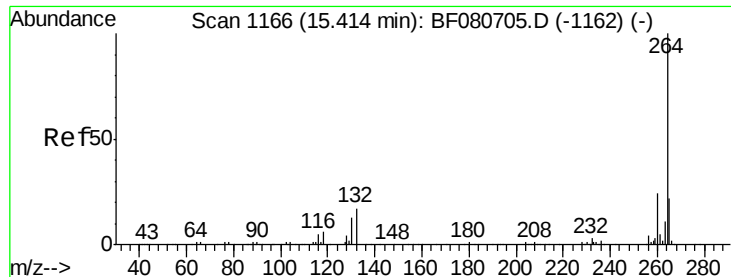
Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

16.79

Time--> 16.75 16.80

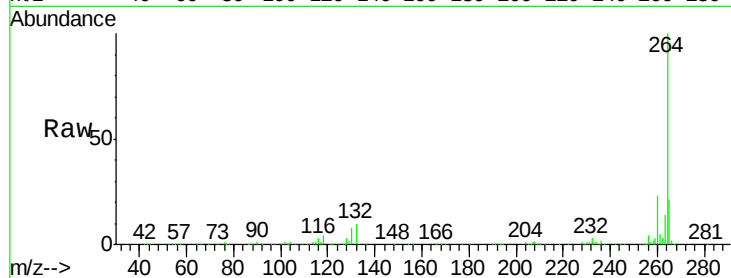




#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.41 min Scan# 1166
 Delta R.T. 0.00 min
 Lab File: BF080738.D
 Acq: 31 Jul 2015 17:14

Instrument :
 BNA_F
 ClientSampleId :
 WCS1-072215

Tgt Ion: 264 Resp: 342568
 Ion Ratio Lower Upper
 264 100
 260 23.0 19.4 29.0
 265 21.0 17.3 25.9



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

