

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121315\
 Data File : BG020141.D
 Acq On : 13 Dec 2015 12:44
 Operator : UM/SJ
 Sample : G4772-05
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 VITALE-FILL-SOURCE-6A

Quant Time: Dec 14 00:30:22 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG120215.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 02 18:50:01 2015
 Response via : Initial Calibration

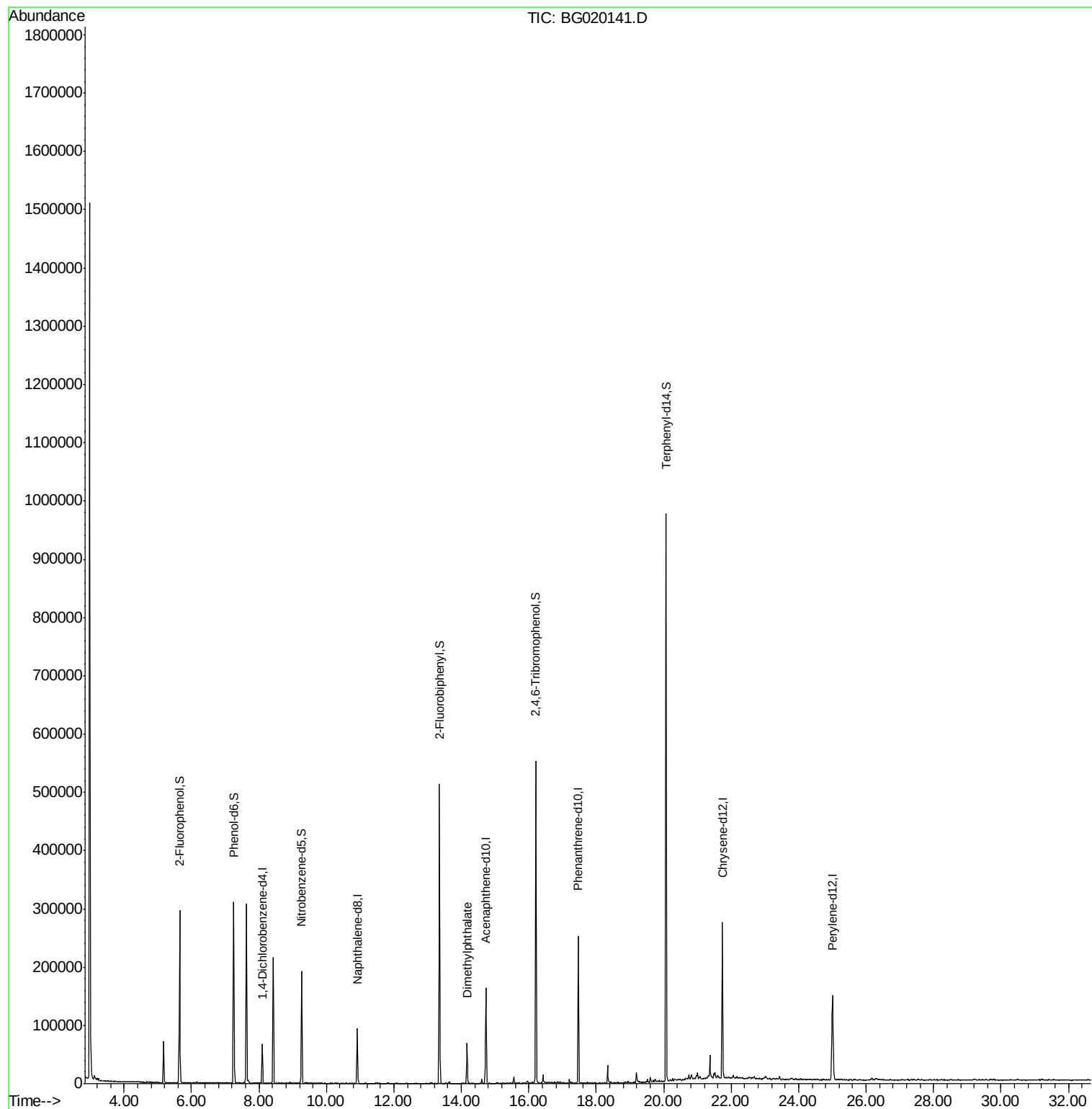
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	18579	20.00	ng	-0.04
21) Naphthalene-d8	10.92	136	78995	20.00	ng	-0.03
38) Acenaphthene-d10	14.73	164	57504	20.00	ng	-0.03
63) Phenanthrene-d10	17.47	188	156389	20.00	ng	-0.04
75) Chrysene-d12	21.74	240	173255	20.00	ng	-0.05
86) Perylene-d12	25.00	264	161735	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	122403	119.07	ng	-0.02
7) Phenol-d6	7.25	99	179211	115.47	ng	-0.02
23) Nitrobenzene-d5	9.27	82	114276	73.83	ng	-0.03
41) 2,4,6-Tribromophenol	16.21	330	105694	120.13	ng	-0.03
44) 2-Fluorobiphenyl	13.35	172	268818	63.83	ng	-0.04
78) Terphenyl-d14	20.07	244	456057	64.21	ng	-0.05
Target Compounds						
49) Dimethylphthalate	14.17	163	46454	8.98	ng	Qvalue 97

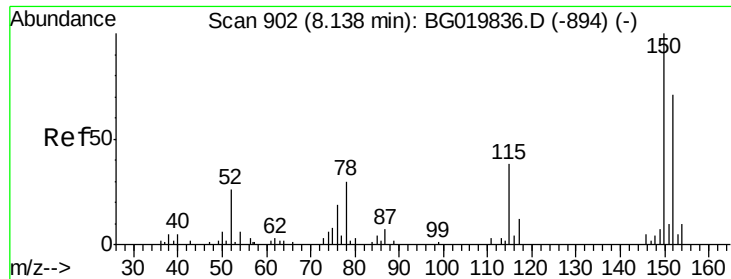
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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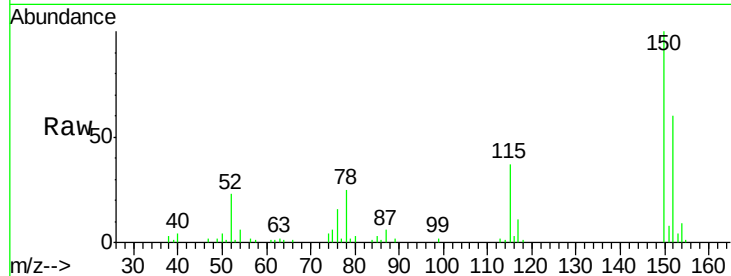




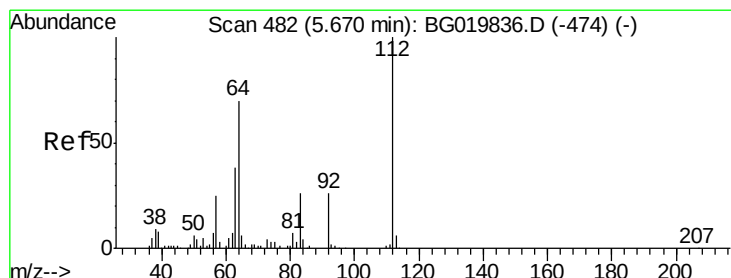
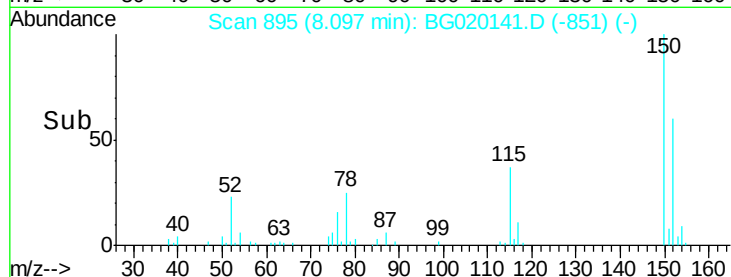
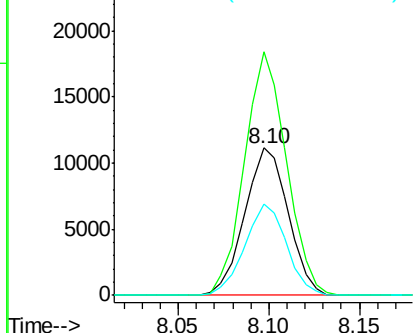
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 8.10 min Scan# 895
 Delta R.T. -0.04 min
 Lab File: BG020141.D
 Acq: 13 Dec 2015 12:44

Instrument :
 BNA_G
 ClientSampleId :
 VITALE-FILL-SOURCE-6A

Tgt Ion:152 Resp: 18579
 Ion Ratio Lower Upper
 152 100
 150 165.4 115.0 172.4
 115 61.6 43.9 65.9

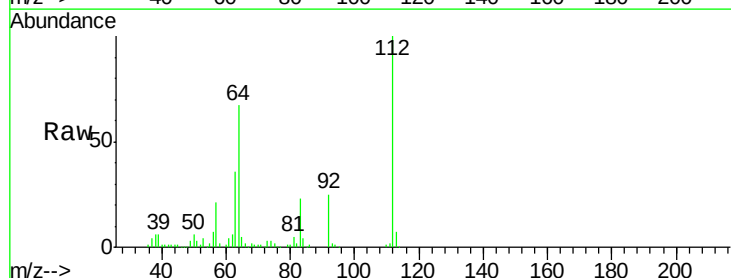


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

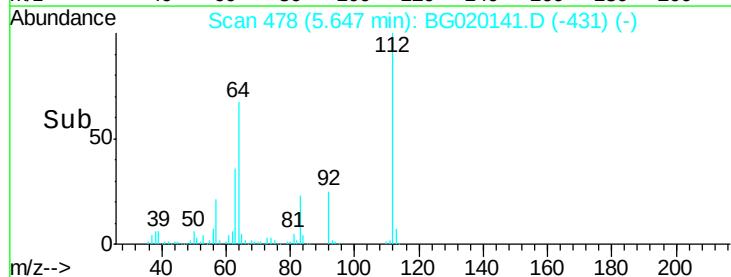
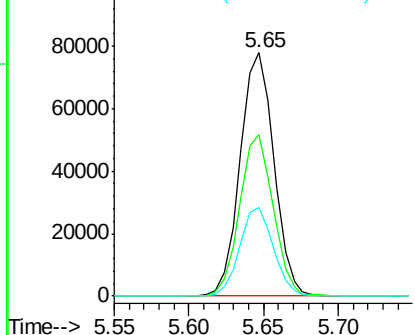


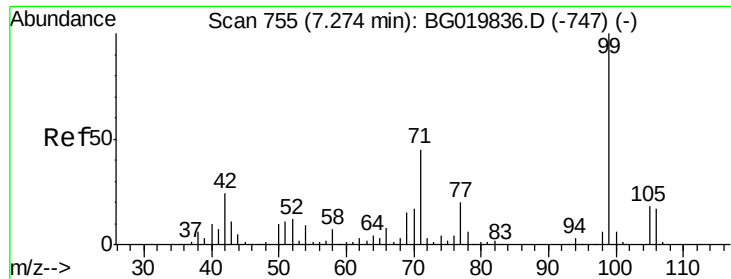
#5
 2-Fluorophenol
 Concen: 119.07 ng
 RT: 5.65 min Scan# 478
 Delta R.T. -0.02 min
 Lab File: BG020141.D
 Acq: 13 Dec 2015 12:44

Tgt Ion:112 Resp: 122403
 Ion Ratio Lower Upper
 112 100
 64 66.5 43.7 65.5#
 63 36.5 24.0 36.0#



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BGC
 Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 115.47 ng

RT: 7.25 min Scan# 751

Delta R.T. -0.02 min

Lab File: BG020141.D

Acq: 13 Dec 2015 12:44

Instrument :

BNA_G

ClientSampleId :

VITALE-FILL-SOURCE-6A

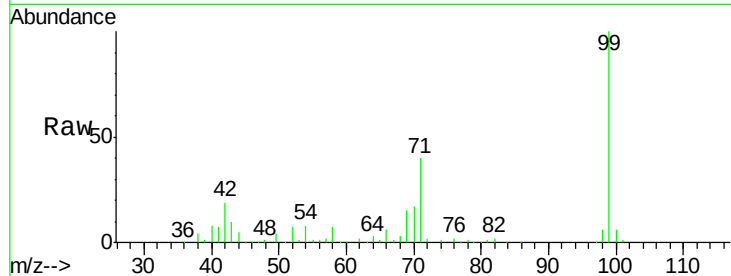
Tgt Ion: 99 Resp: 179211

Ion Ratio Lower Upper

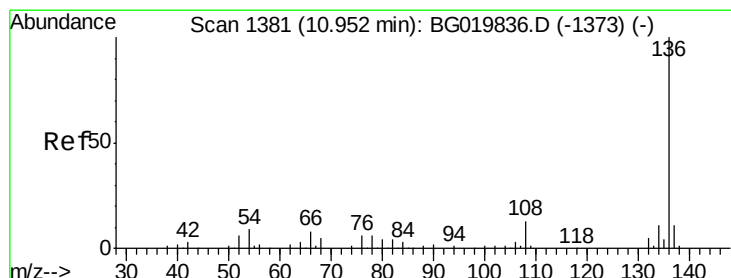
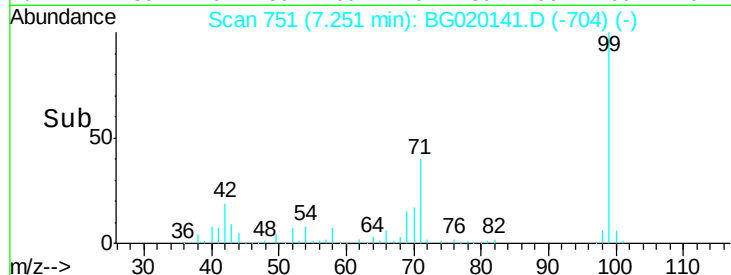
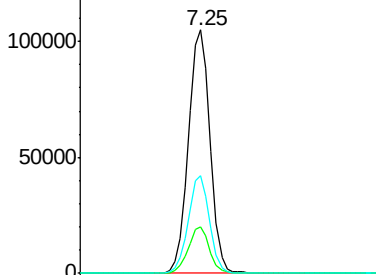
99 100

42 18.9 11.5 17.3#

71 40.1 22.6 34.0#



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.92 min Scan# 1375

Delta R.T. -0.03 min

Lab File: BG020141.D

Acq: 13 Dec 2015 12:44

Tgt Ion: 136 Resp: 78995

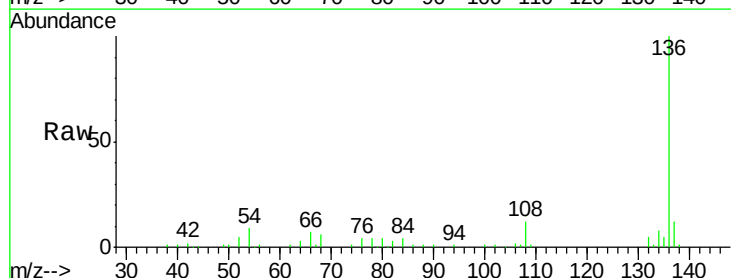
Ion Ratio Lower Upper

136 100

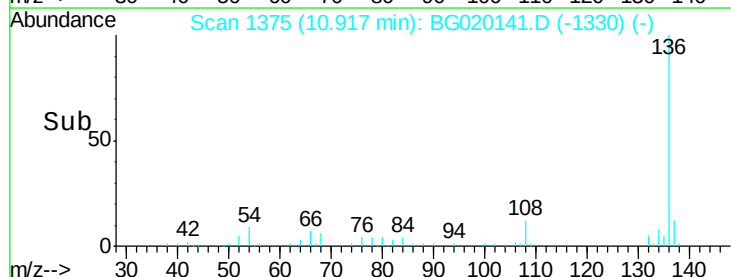
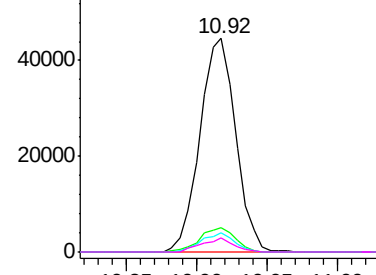
137 11.5 8.6 12.8

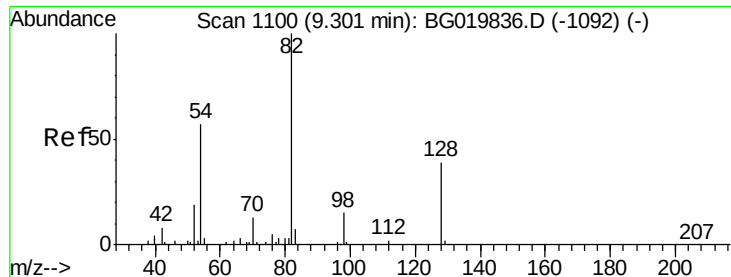
54 9.0 5.4 8.2#

68 6.3 5.3 7.9



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

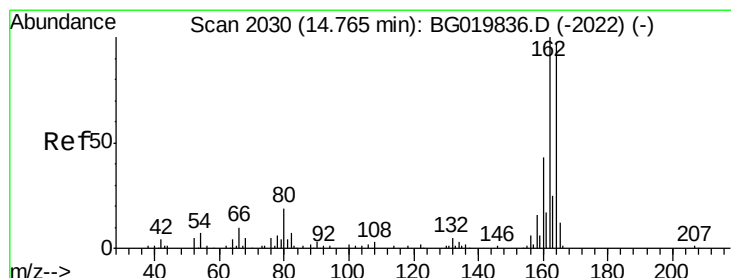
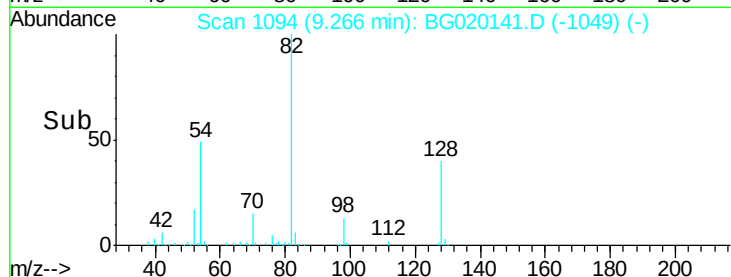
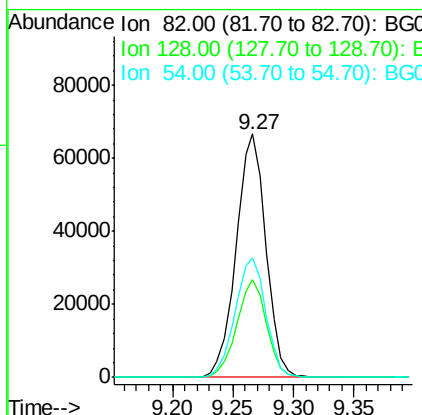
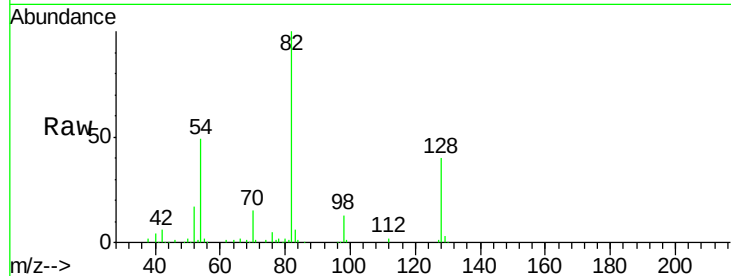




#23
 Nitrobenzene-d5
 Concen: 73.83 ng
 RT: 9.27 min Scan# 1094
 Delta R.T. -0.03 min
 Lab File: BG020141.D
 Acq: 13 Dec 2015 12:44

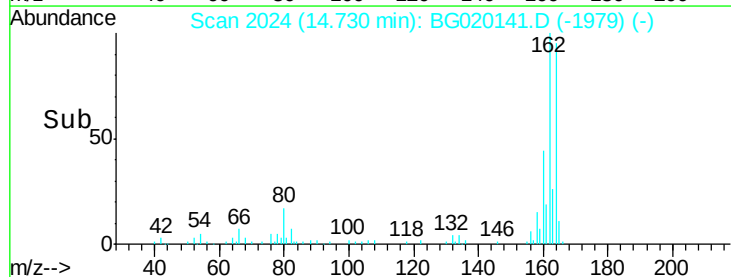
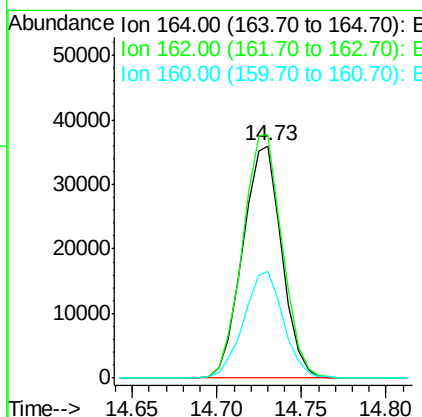
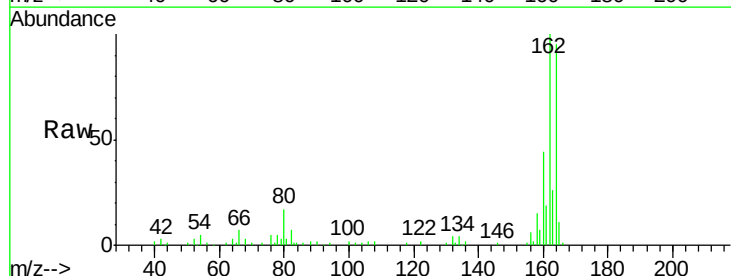
Instrument :
 BNA_G
 ClientSampleId :
 VITALE-FILL-SOURCE-6A

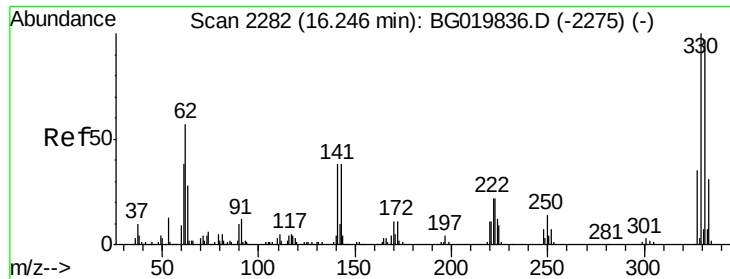
Tgt Ion: 82 Resp: 114276
 Ion Ratio Lower Upper
 82 100
 128 40.0 36.7 55.1
 54 49.3 33.8 50.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.73 min Scan# 2024
 Delta R.T. -0.03 min
 Lab File: BG020141.D
 Acq: 13 Dec 2015 12:44

Tgt Ion: 164 Resp: 57504
 Ion Ratio Lower Upper
 164 100
 162 104.8 78.8 118.2
 160 45.9 36.4 54.6

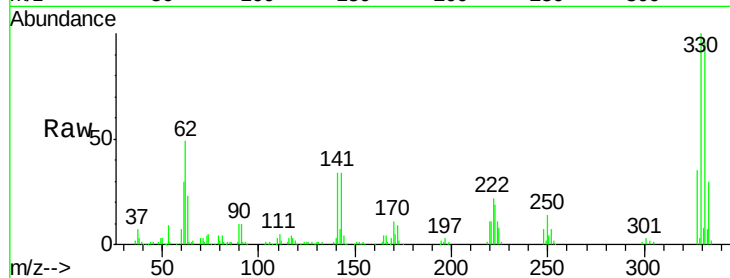




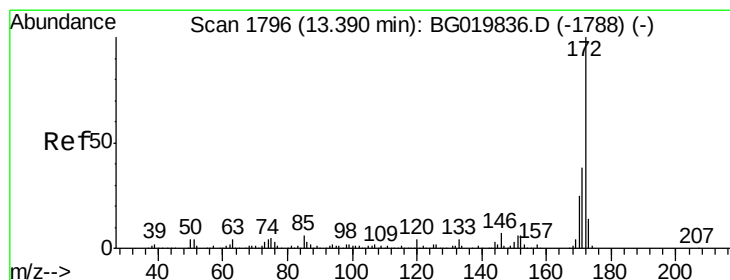
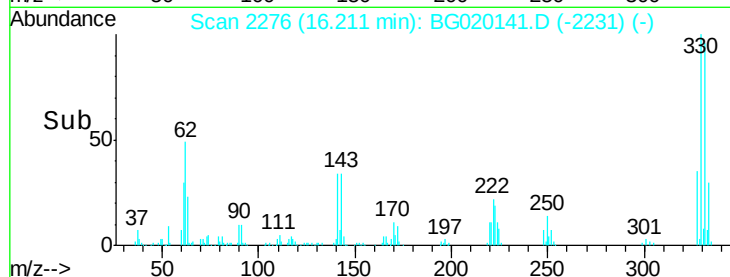
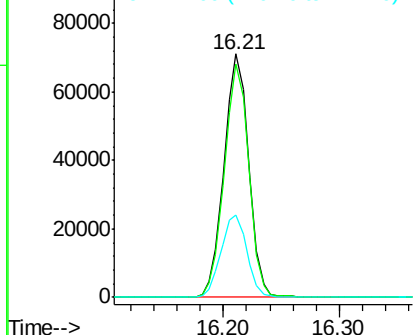
#41
 2,4,6-Tribromophenol
 Concen: 120.13 ng
 RT: 16.21 min Scan# 2276
 Delta R.T. -0.03 min
 Lab File: BG020141.D
 Acq: 13 Dec 2015 12:44

Instrument :
 BNA_G
 ClientSampleId :
 VITALE-FILL-SOURCE-6A

Tgt Ion: 330 Resp: 105694
 Ion Ratio Lower Upper
 330 100
 332 94.6 78.1 117.1
 141 35.1 28.2 42.2

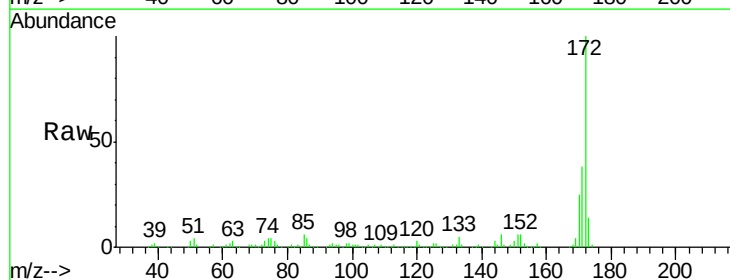


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

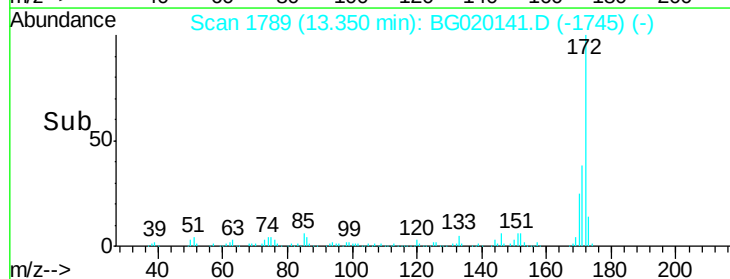
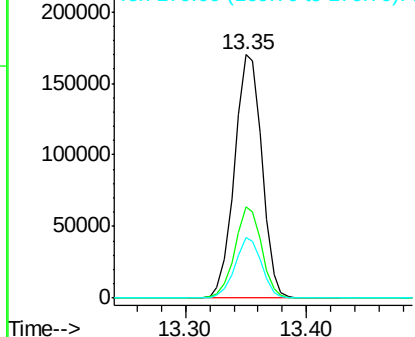


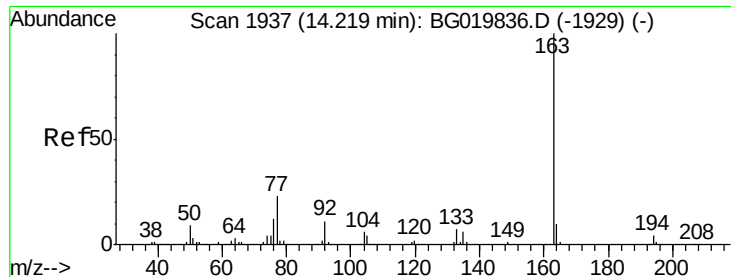
#44
 2-Fluorobiphenyl
 Concen: 63.83 ng
 RT: 13.35 min Scan# 1789
 Delta R.T. -0.04 min
 Lab File: BG020141.D
 Acq: 13 Dec 2015 12:44

Tgt Ion: 172 Resp: 268818
 Ion Ratio Lower Upper
 172 100
 171 37.7 29.0 43.6
 170 25.1 19.9 29.9



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: 8.98 ng

RT: 14.17 min Scan# 1929

Delta R.T. -0.05 min

Lab File: BG020141.D

Acq: 13 Dec 2015 12:44

Instrument :

BNA_G

ClientSampleId :

VITALE-FILL-SOURCE-6A

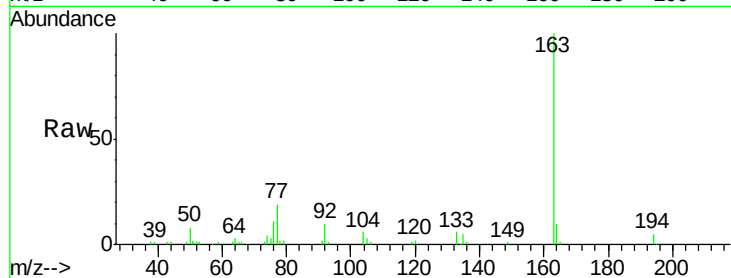
Tgt Ion:163 Resp: 46454

Ion Ratio Lower Upper

163 100

194 4.5 3.1 4.7

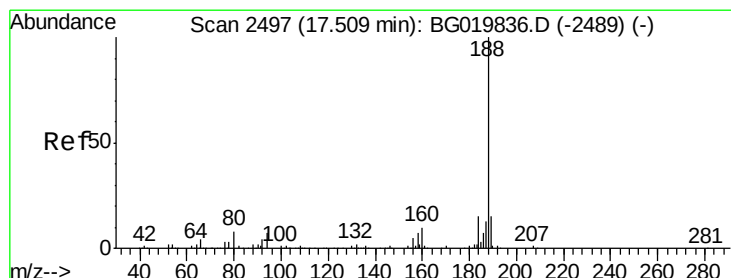
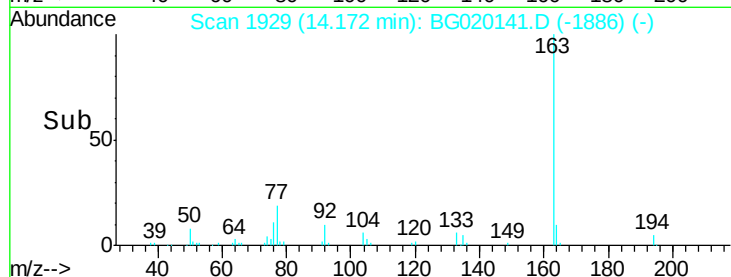
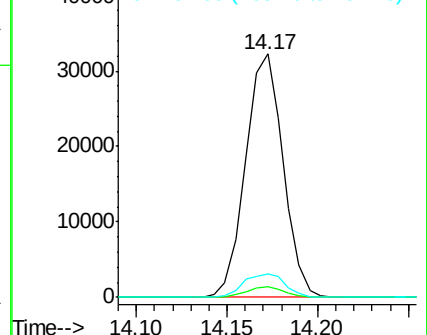
164 9.8 8.8 13.2



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



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.47 min Scan# 2490

Delta R.T. -0.04 min

Lab File: BG020141.D

Acq: 13 Dec 2015 12:44

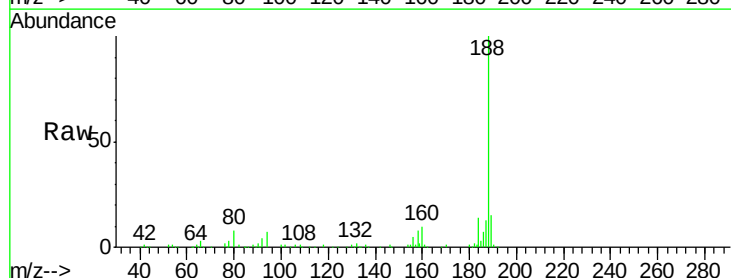
Tgt Ion:188 Resp: 156389

Ion Ratio Lower Upper

188 100

94 6.6 7.7 11.5#

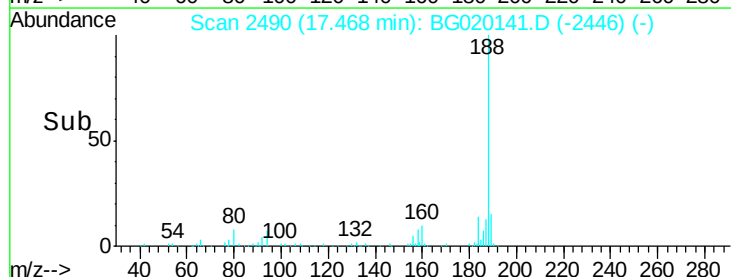
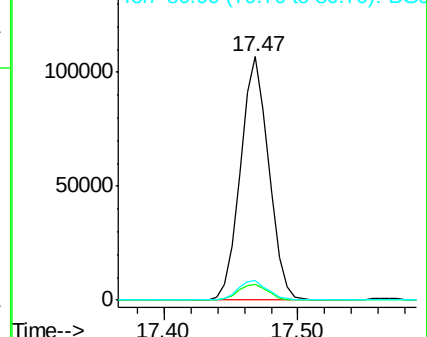
80 8.1 7.8 11.8

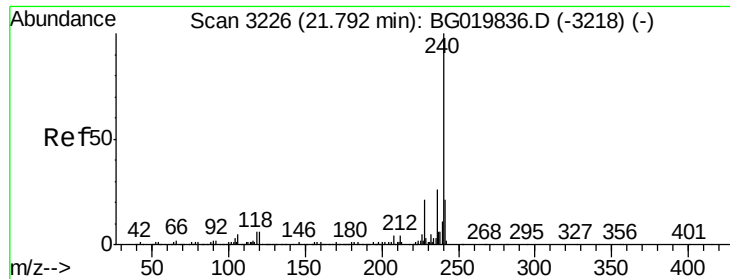


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.74 min Scan# 3217

Delta R.T. -0.05 min

Lab File: BG020141.D

Acq: 13 Dec 2015 12:44

Instrument :

BNA_G

ClientSampleId :

VITALE-FILL-SOURCE-6A

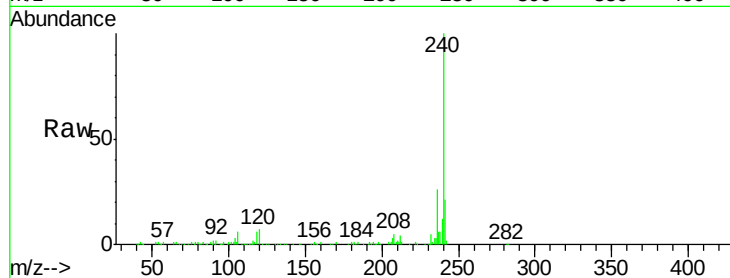
Tgt Ion:240 Resp: 173255

Ion Ratio Lower Upper

240 100

120 6.8 7.4 11.0#

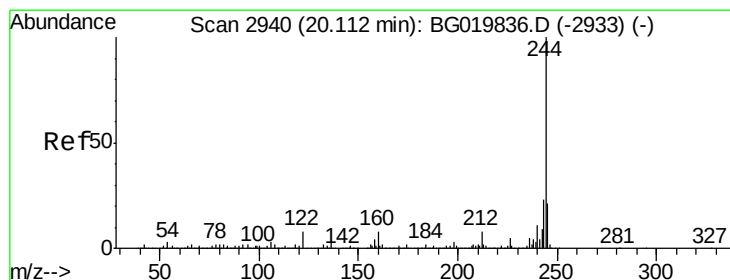
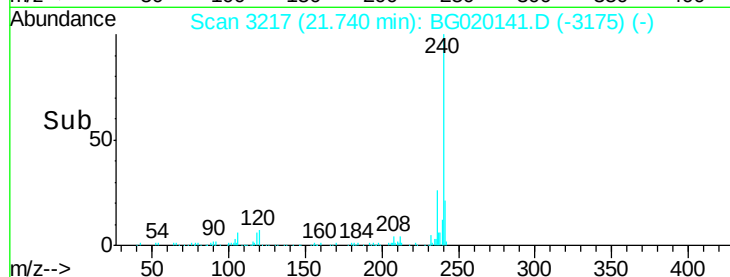
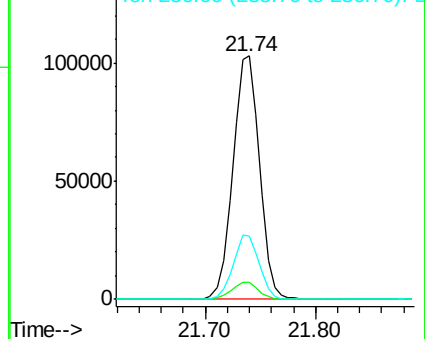
236 25.8 20.7 31.1



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: 64.21 ng

RT: 20.07 min Scan# 2932

Delta R.T. -0.05 min

Lab File: BG020141.D

Acq: 13 Dec 2015 12:44

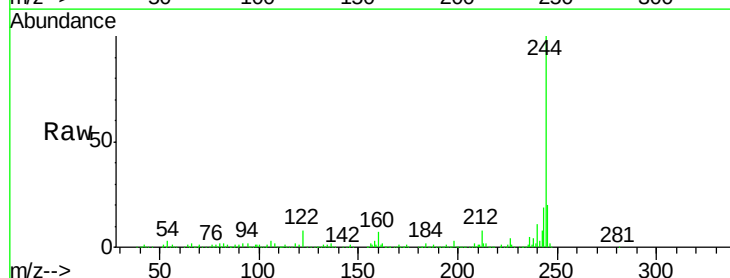
Tgt Ion:244 Resp: 456057

Ion Ratio Lower Upper

244 100

212 7.7 6.9 10.3

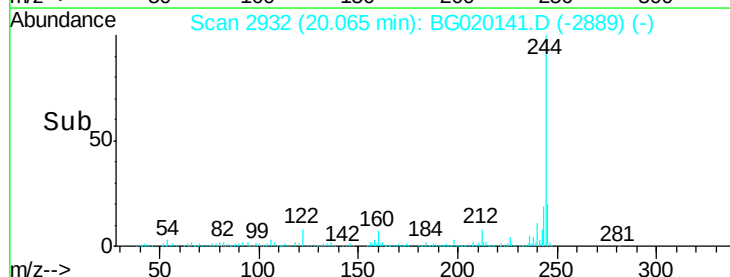
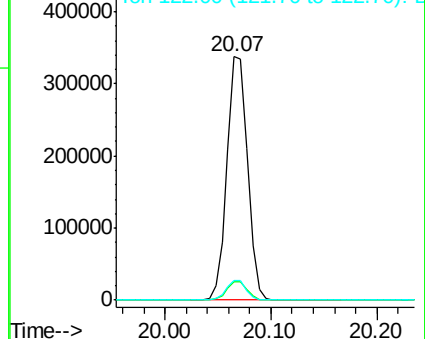
122 8.1 10.2 15.2#

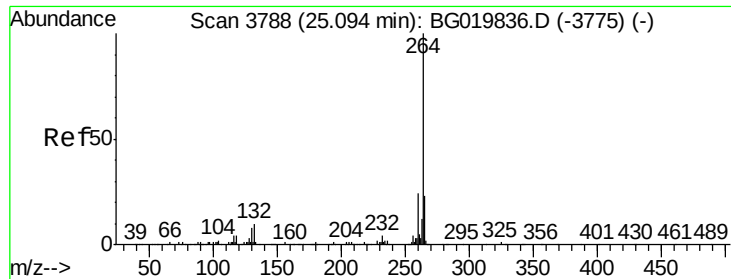


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

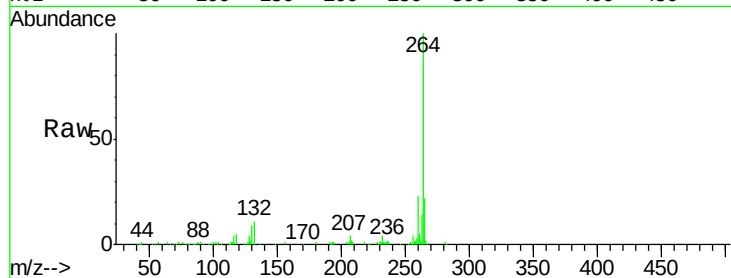




#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.00 min Scan# 3772
 Delta R.T. -0.09 min
 Lab File: BG020141.D
 Acq: 13 Dec 2015 12:44

Instrument :
 BNA_G
 ClientSampleId :
 VITALE-FILL-SOURCE-6A

Tgt Ion:	264	Resp:	161735
Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.5	27.7
265	22.5	17.2	25.8



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

