

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG092316\
 Data File : BG024131.D
 Acq On : 24 Sep 2016 19:40
 Operator : UM/SJ
 Sample : H4897-03
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-03I-092116

Quant Time: Sep 26 01:47:30 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG092316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 23 15:35:28 2016
 Response via : Initial Calibration

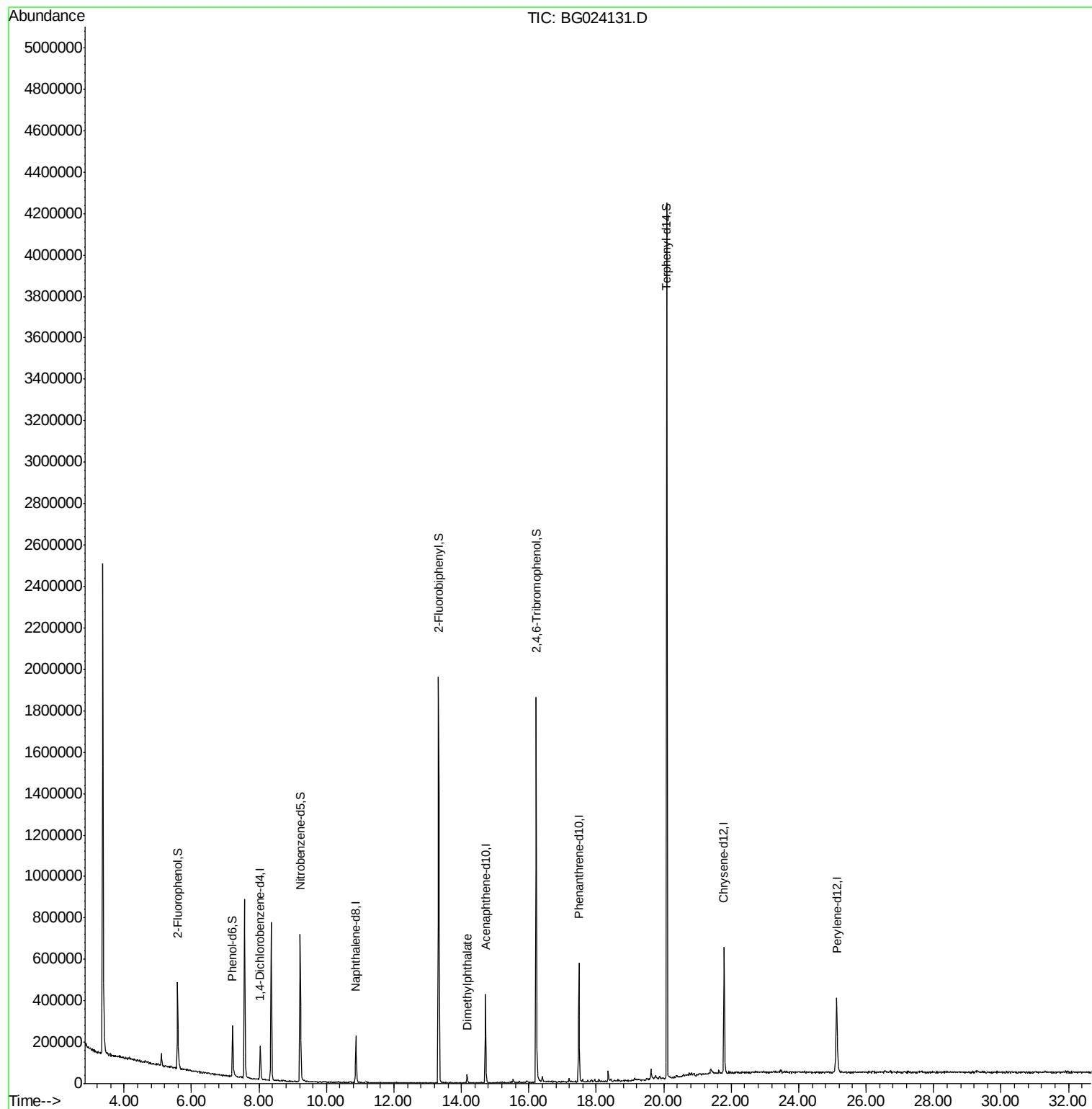
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	41039	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	190085	20.00	ng	0.00
38) Acenaphthene-d10	14.72	164	153869	20.00	ng	0.00
63) Phenanthrene-d10	17.48	188	356557	20.00	ng	0.00
75) Chrysene-d12	21.79	240	401039	20.00	ng	0.00
86) Perylene-d12	25.12	264	395119	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	172855	72.97	ng	0.00
7) Phenol-d6	7.21	99	153619	38.54	ng	0.00
23) Nitrobenzene-d5	9.22	82	481864	99.91	ng	0.00
41) 2,4,6-Tribromophenol	16.22	330	319200	144.32	ng	0.00
44) 2-Fluorobiphenyl	13.33	172	973884	106.39	ng	0.00
78) Terphenyl-d14	20.09	244	1601949	81.79	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.18	163	29385	2.49	ng	Qvalue # 96

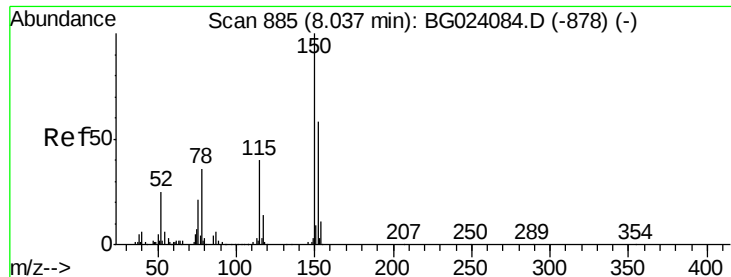
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.04 min Scan# 885

Delta R.T. -0.00 min

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MW-03I-092116

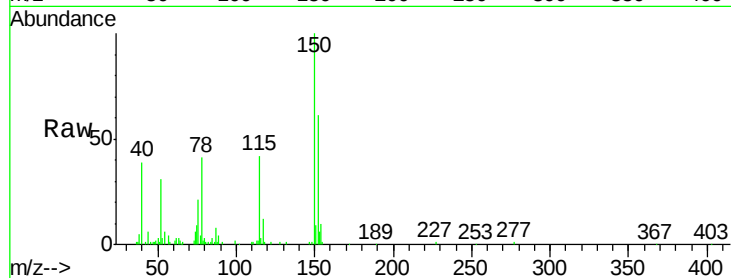
Tgt Ion:152 Resp: 41039

Ion Ratio Lower Upper

152 100

150 163.2 144.7 217.1

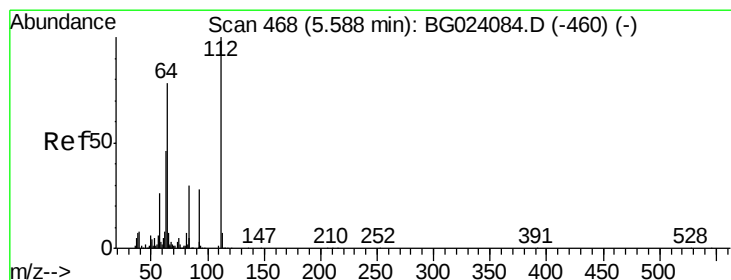
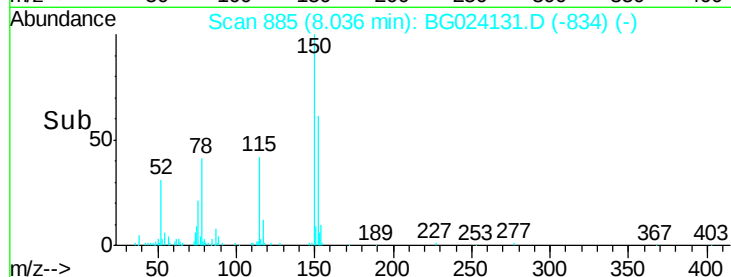
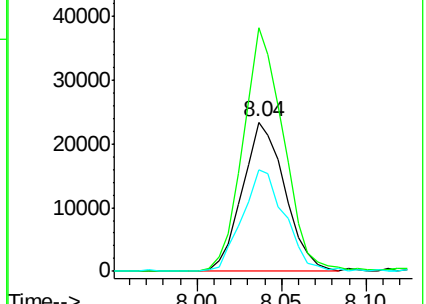
115 68.5 64.0 96.0



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: 72.97 ng

RT: 5.59 min Scan# 468

Delta R.T. -0.00 min

Lab File: BG024131.D

Acq: 24 Sep 2016 19:40

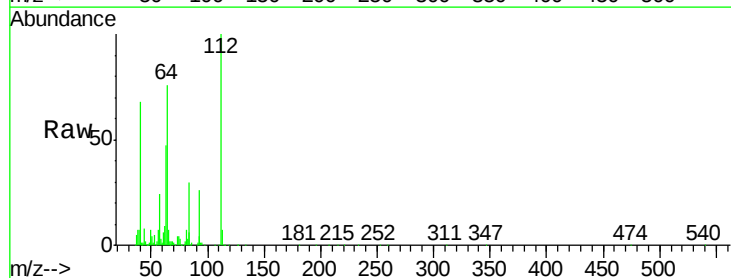
Tgt Ion:112 Resp: 172855

Ion Ratio Lower Upper

112 100

64 75.5 59.0 88.4

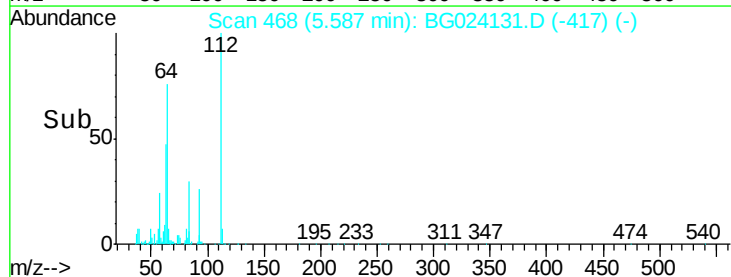
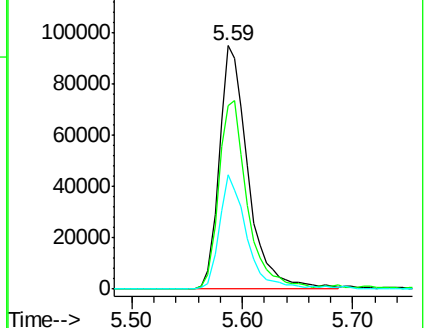
63 46.8 37.8 56.8

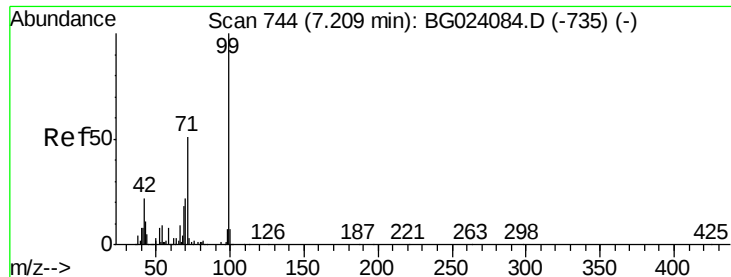


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 38.54 ng

RT: 7.21 min Scan# 745

Delta R.T. 0.00 min

Lab File: BG024131.D

Acq: 24 Sep 2016 19:40

Instrument :

BNA_G

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MW-03I-092116

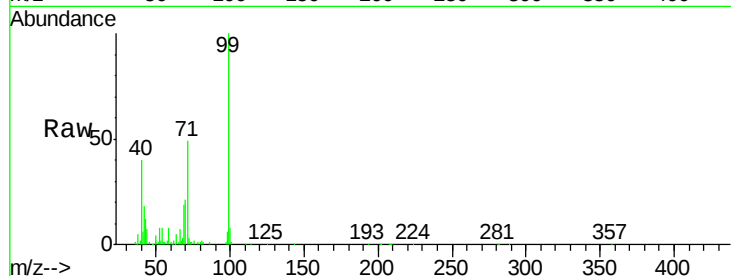
Tgt Ion: 99 Resp: 153619

Ion Ratio Lower Upper

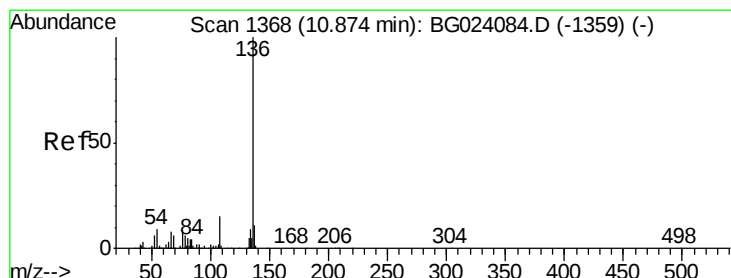
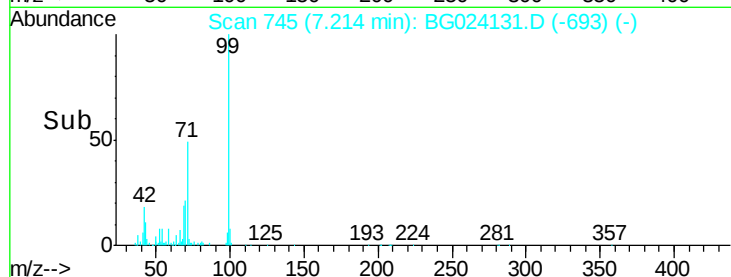
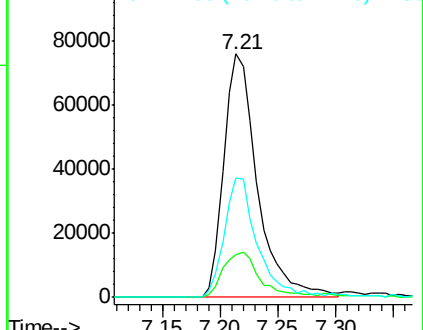
99 100

42 17.6 17.8 26.6#

71 49.1 41.5 62.3



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: 10.87 min Scan# 1368

Delta R.T. -0.00 min

Lab File: BG024131.D

Acq: 24 Sep 2016 19:40

Tgt Ion: 136 Resp: 190085

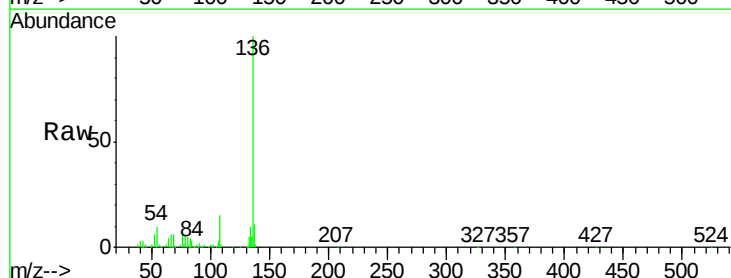
Ion Ratio Lower Upper

136 100

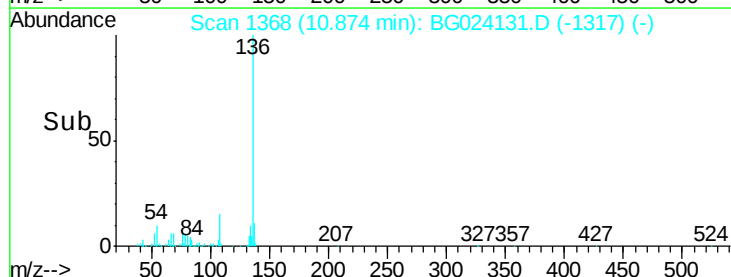
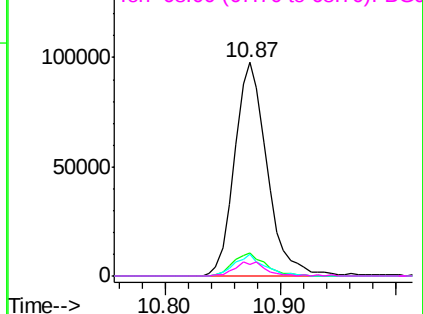
137 10.8 9.6 14.4

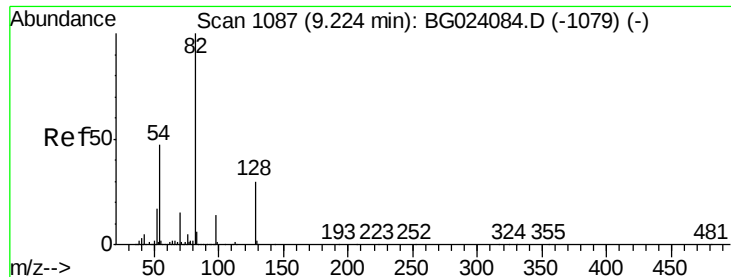
54 10.3 7.3 10.9

68 5.7 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

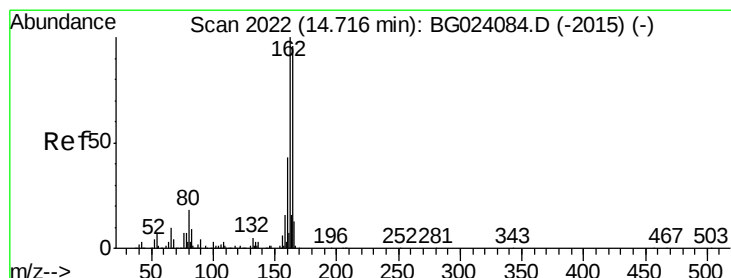
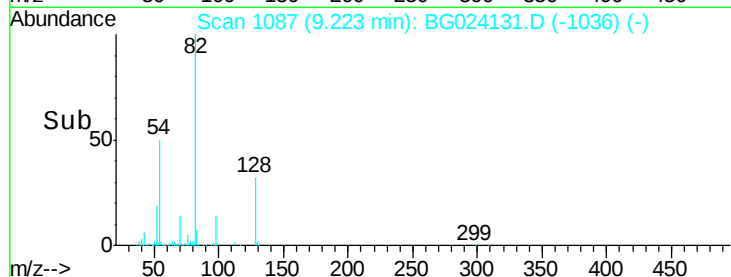
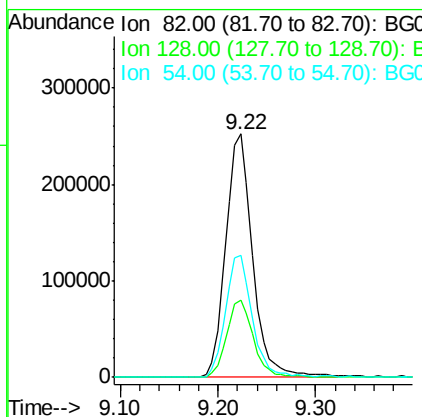
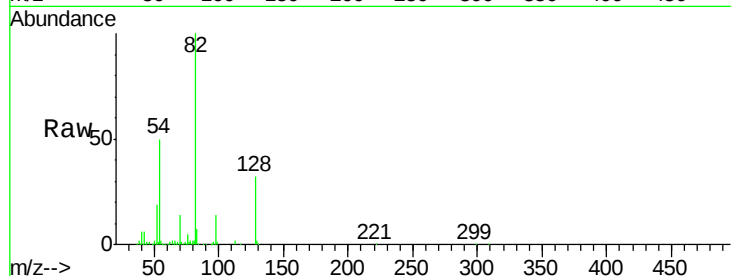




#23
 Nitrobenzene-d5
 Concen: 99.91 ng
 RT: 9.22 min Scan# 1087
 Delta R.T. -0.00 min
 Lab File: BG024131.D
 Acq: 24 Sep 2016 19:40

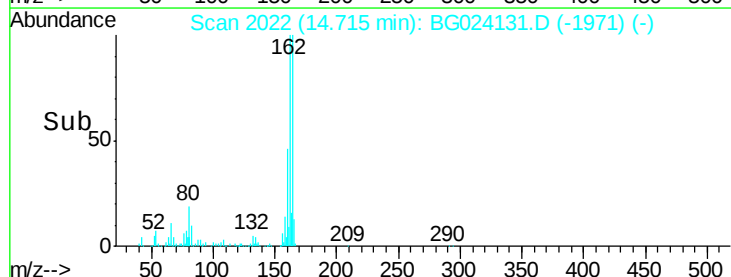
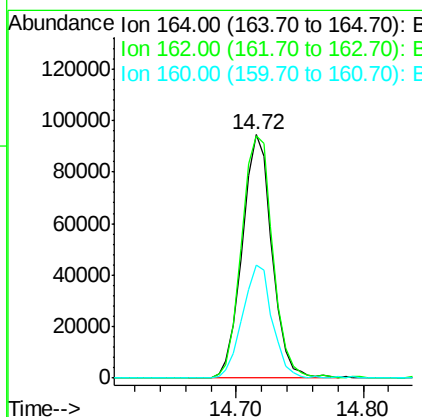
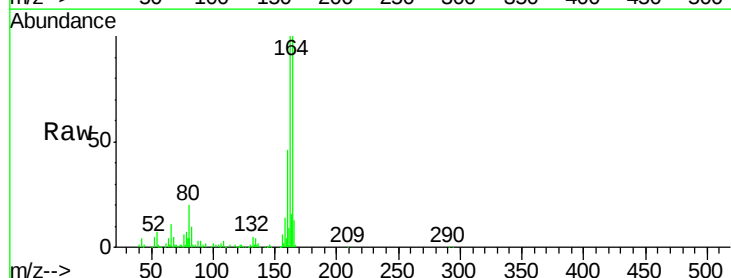
Instrument :
 BNA_G
 ClientSampleId :
 MW-031-092116

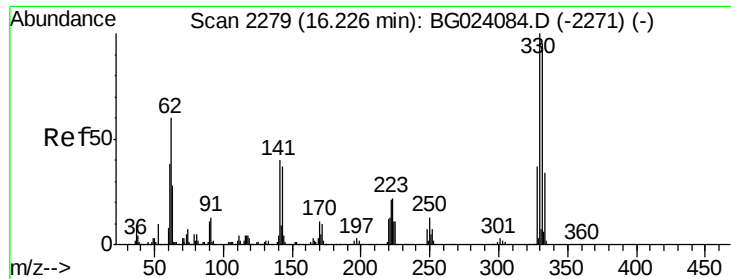
Tgt Ion	Ratio	Lower	Upper
82	100		
128	31.6	24.4	36.6
54	50.1	41.4	62.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.72 min Scan# 2022
 Delta R.T. -0.00 min
 Lab File: BG024131.D
 Acq: 24 Sep 2016 19:40

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.5	87.7	131.5
160	46.4	37.2	55.8

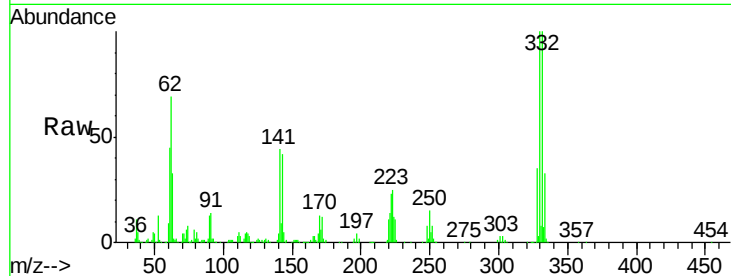




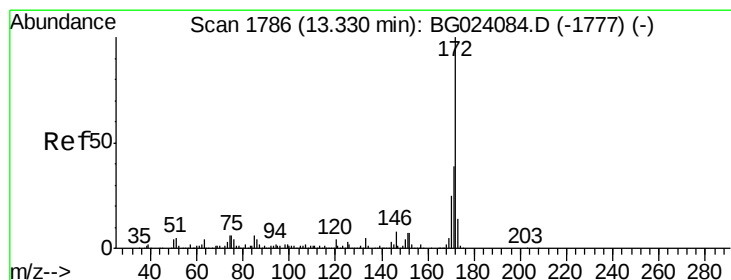
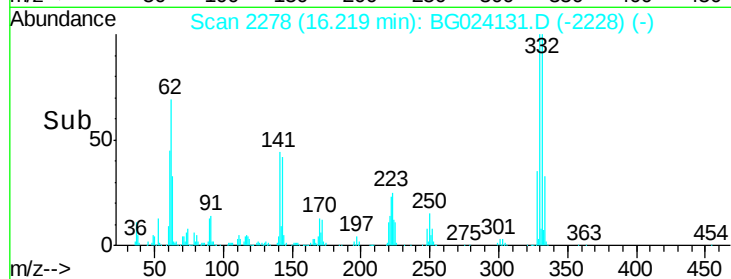
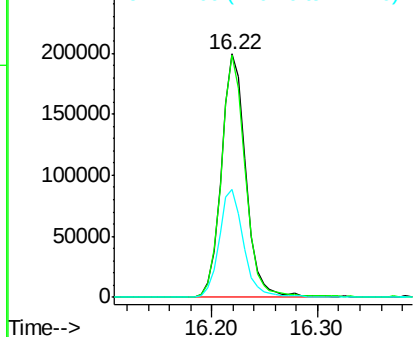
#41
 2,4,6-Tribromophenol
 Concen: 144.32 ng
 RT: 16.22 min Scan# 2278
 Delta R.T. -0.01 min
 Lab File: BG024131.D
 Acq: 24 Sep 2016 19:40

Instrument :
 BNA_G
 ClientSampleId :
 MW-031-092116

Tgt Ion:330 Resp: 319200
 Ion Ratio Lower Upper
 330 100
 332 98.1 77.4 116.2
 141 44.6 31.7 47.5

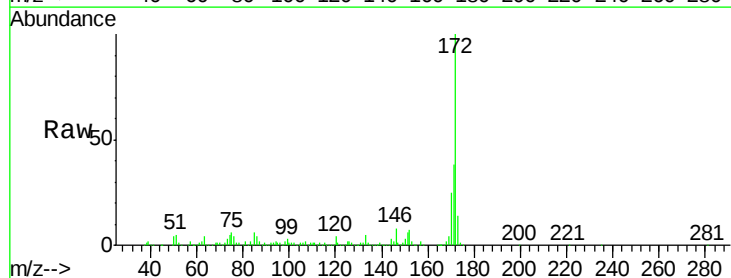


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

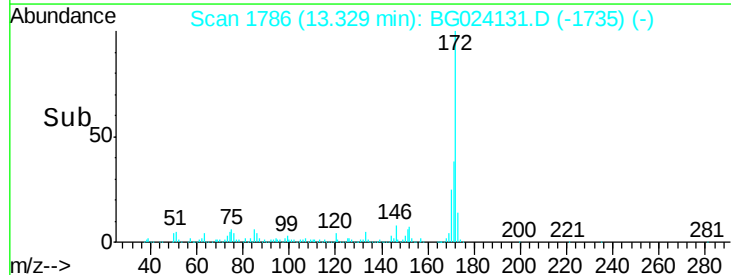
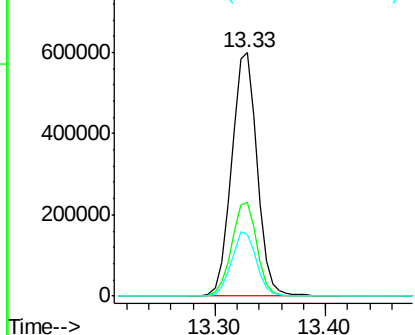


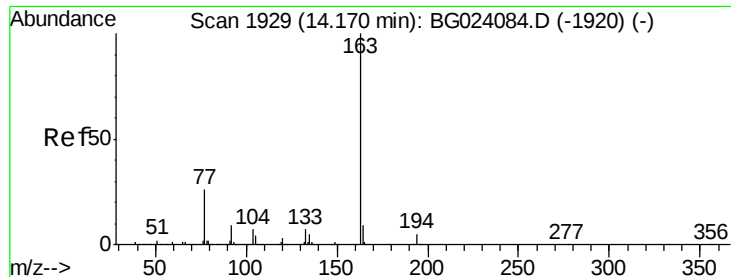
#44
 2-Fluorobiphenyl
 Concen: 106.39 ng
 RT: 13.33 min Scan# 1786
 Delta R.T. -0.00 min
 Lab File: BG024131.D
 Acq: 24 Sep 2016 19:40

Tgt Ion:172 Resp: 973884
 Ion Ratio Lower Upper
 172 100
 171 38.4 31.6 47.4
 170 25.3 21.3 31.9



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: 2.49 ng

RT: 14.18 min Scan# 1930

Delta R.T. 0.01 min

Lab File: BG024131.D

Acq: 24 Sep 2016 19:40

Instrument :

BNA_G

ClientSampleId :

MW-03I-092116

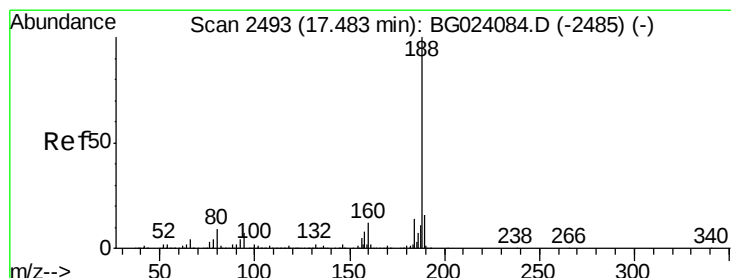
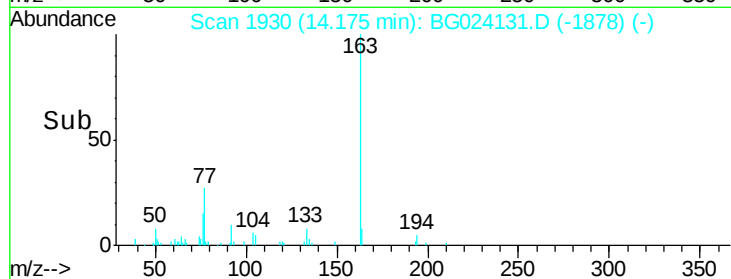
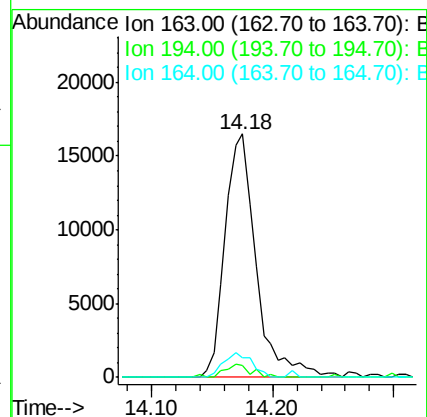
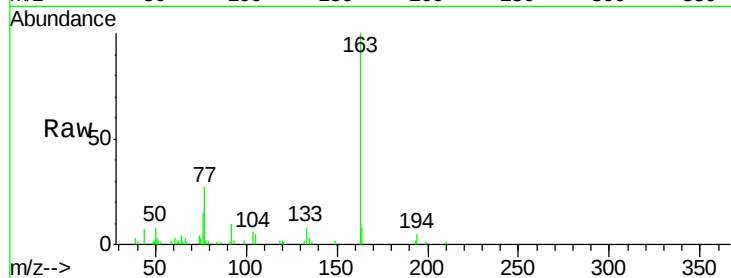
Tgt Ion:163 Resp: 29385

Ion Ratio Lower Upper

163 100

194 4.8 3.6 5.4

164 7.8 8.1 12.1#



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.48 min Scan# 2493

Delta R.T. -0.00 min

Lab File: BG024131.D

Acq: 24 Sep 2016 19:40

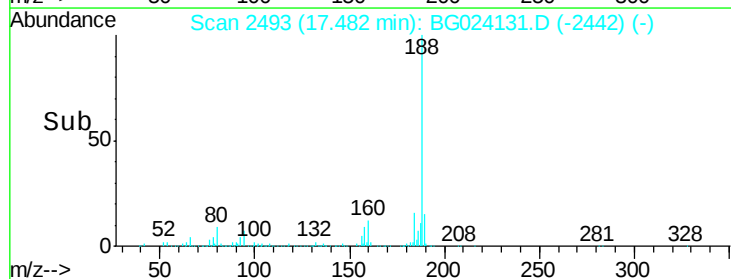
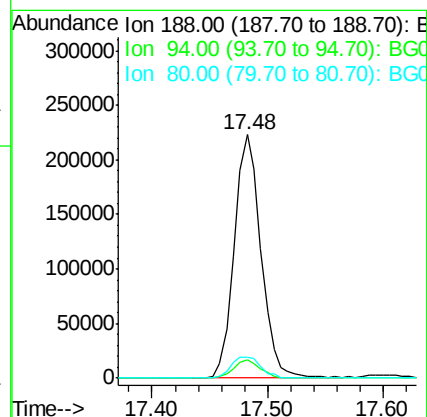
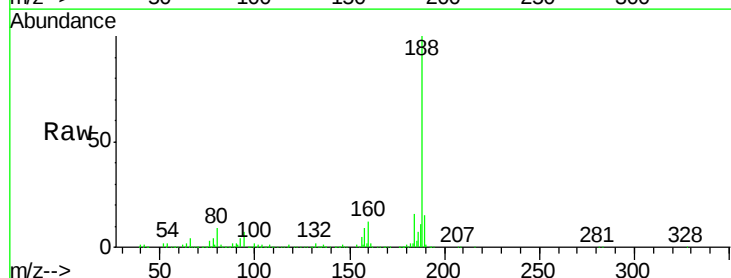
Tgt Ion:188 Resp: 356557

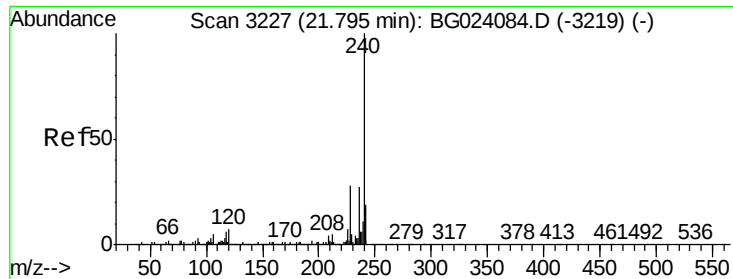
Ion Ratio Lower Upper

188 100

94 7.3 5.2 7.8

80 8.7 7.2 10.8

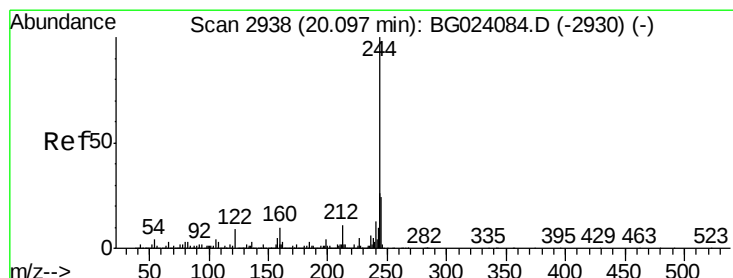
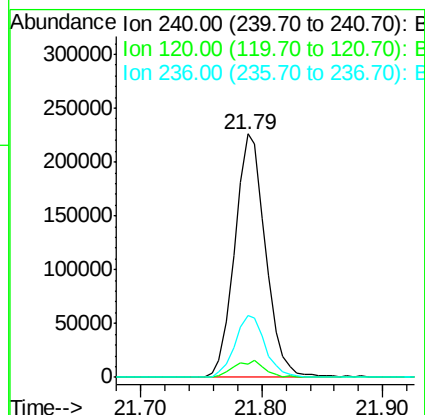
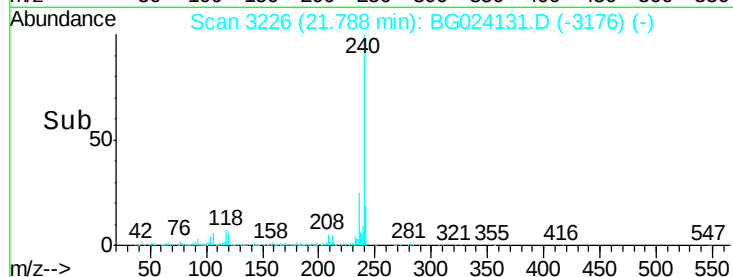
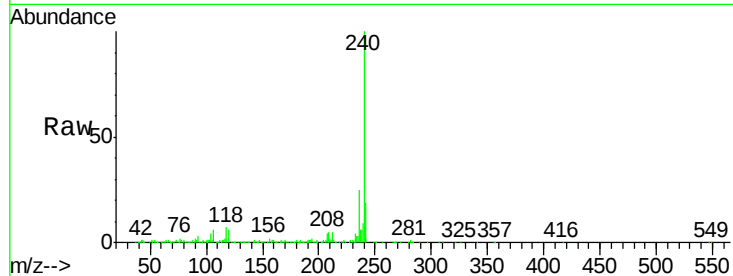




#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.79 min Scan# 3226
Delta R.T. -0.01 min
Lab File: BG024131.D
Acq: 24 Sep 2016 19:40

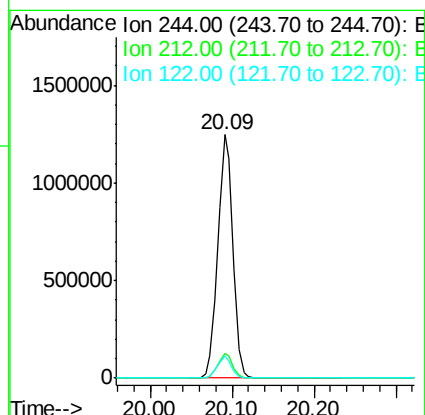
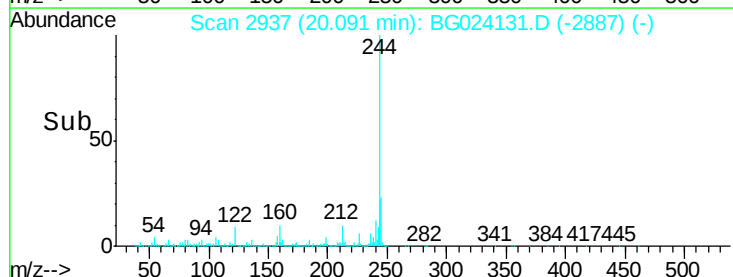
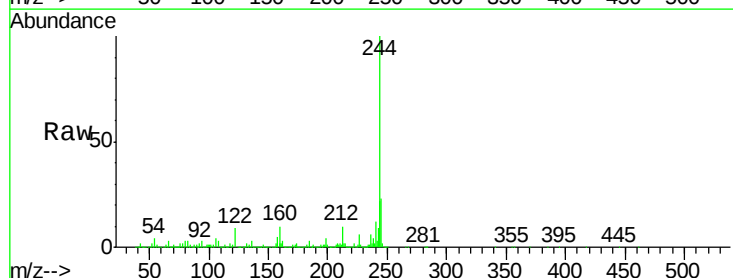
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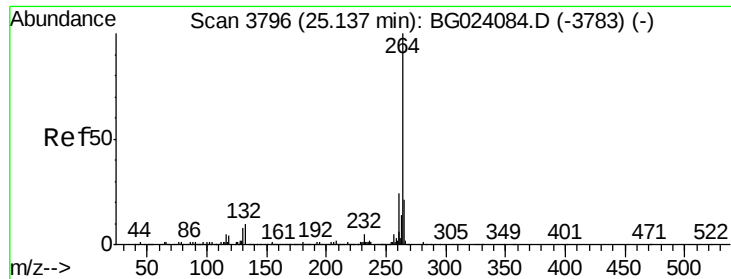
Tgt Ion:240 Resp: 401039
Ion Ratio Lower Upper
240 100
120 5.7 4.1 6.1
236 25.3 21.1 31.7



#78
Terphenyl-d14
Concen: 81.79 ng
RT: 20.09 min Scan# 2937
Delta R.T. -0.01 min
Lab File: BG024131.D
Acq: 24 Sep 2016 19:40

Tgt Ion:244 Resp: 1601949
Ion Ratio Lower Upper
244 100
212 10.4 10.8 16.2#
122 9.1 8.0 12.0





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.12 min Scan# 3794
Delta R.T. -0.01 min
Lab File: BG024131.D
Acq: 24 Sep 2016 19:40

Instrument :
BNA_G
ClientSampleId :
MW-03I-092116

Tgt Ion:	264	Resp:	395119
Ion	Ratio	Lower	Upper
264	100		
260	22.8	18.4	27.6
265	22.0	18.9	28.3

