

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG092316\
 Data File : BG024129.D
 Acq On : 24 Sep 2016 18:23
 Operator : UM/SJ
 Sample : H4897-01
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-03D-092116

Quant Time: Sep 26 01:41:19 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	46394	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	212036	20.00	ng	0.00
38) Acenaphthene-d10	14.72	164	170518	20.00	ng	0.00
63) Phenanthrene-d10	17.48	188	382046	20.00	ng	0.00
75) Chrysene-d12	21.79	240	412565	20.00	ng	0.00
86) Perylene-d12	25.12	264	401914	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	203591	76.03	ng	0.00
7) Phenol-d6	7.22	99	192904	42.81	ng	0.00
23) Nitrobenzene-d5	9.22	82	568162	105.61	ng	0.00
41) 2,4,6-Tribromophenol	16.22	330	328508	134.03	ng	0.00
44) 2-Fluorobiphenyl	13.33	172	1126979	111.10	ng	0.00
78) Terphenyl-d14	20.09	244	1544059	76.63	ng	0.00

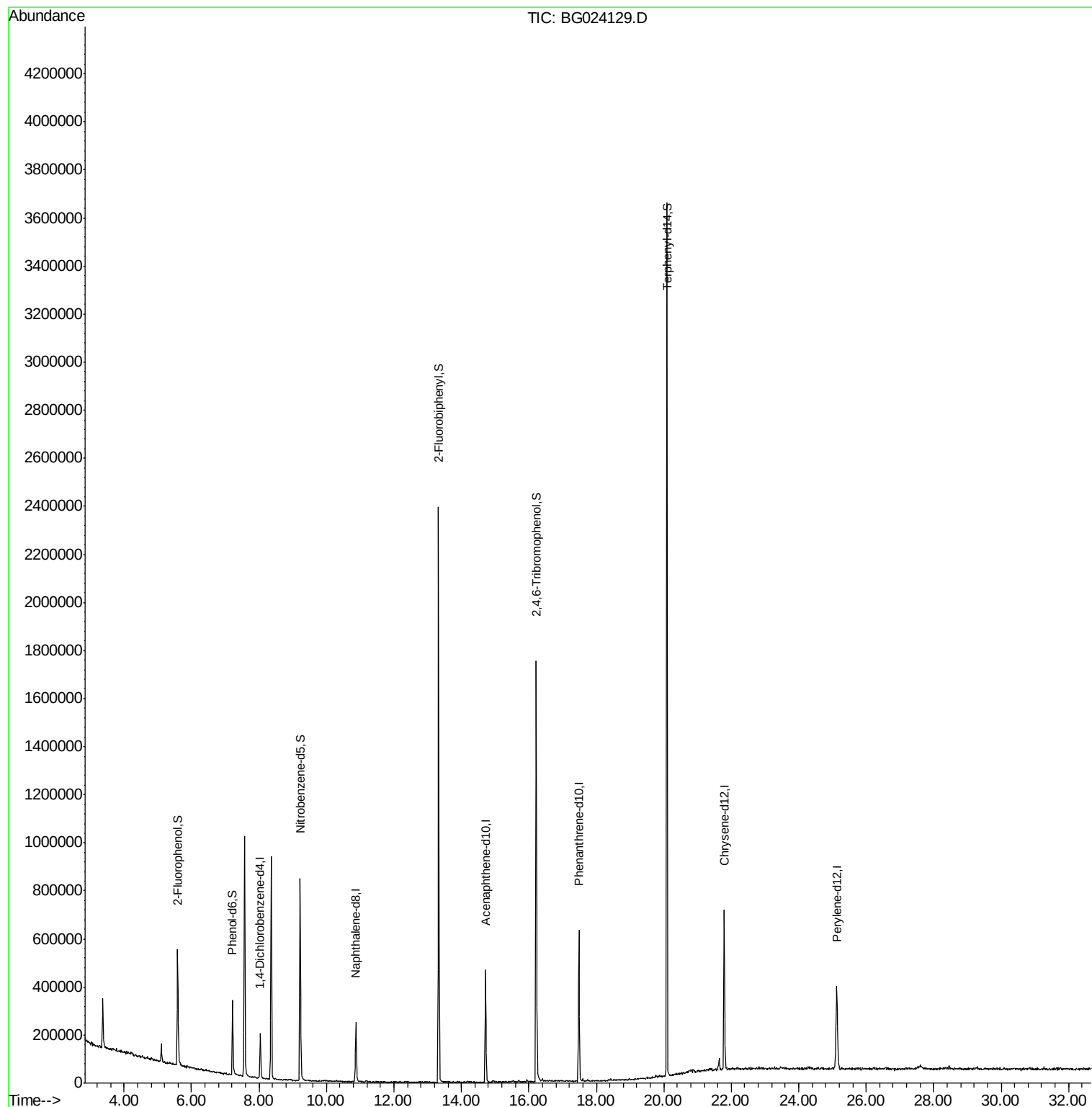
Target Compounds	Qvalue
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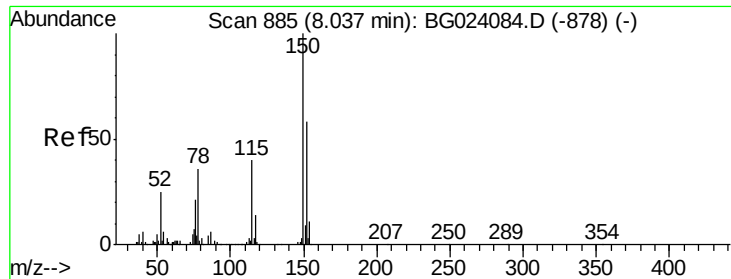
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.04 min Scan# 886

Delta R.T. 0.01 min

Lab File: BG024129.D

Acq: 24 Sep 2016 18:23

Instrument :

BNA_G

ClientSampleId :

MW-03D-092116

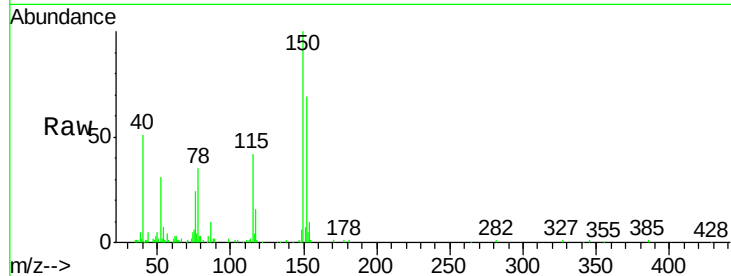
Tgt Ion:152 Resp: 46394

Ion Ratio Lower Upper

152 100

150 145.2 144.7 217.1

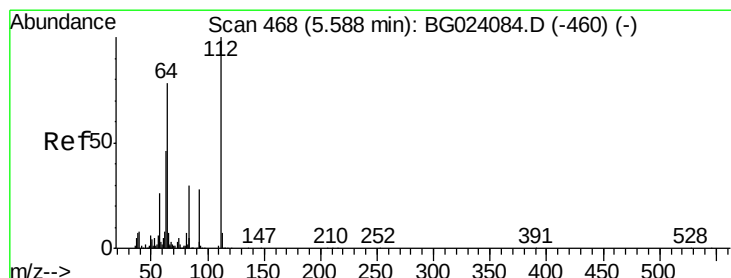
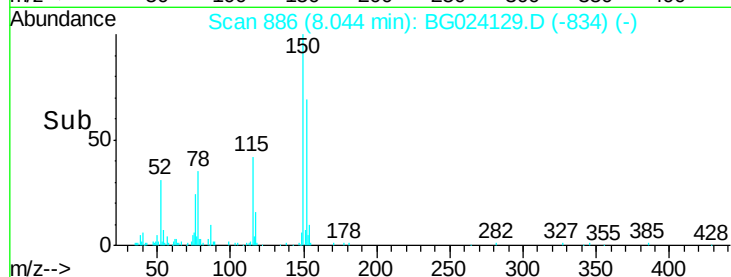
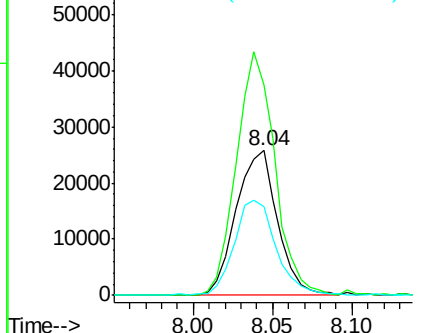
115 61.6 64.0 96.0#



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: 76.03 ng

RT: 5.59 min Scan# 468

Delta R.T. 0.00 min

Lab File: BG024129.D

Acq: 24 Sep 2016 18:23

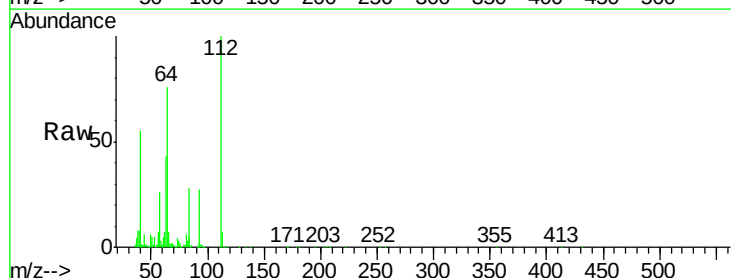
Tgt Ion:112 Resp: 203591

Ion Ratio Lower Upper

112 100

64 75.7 59.0 88.4

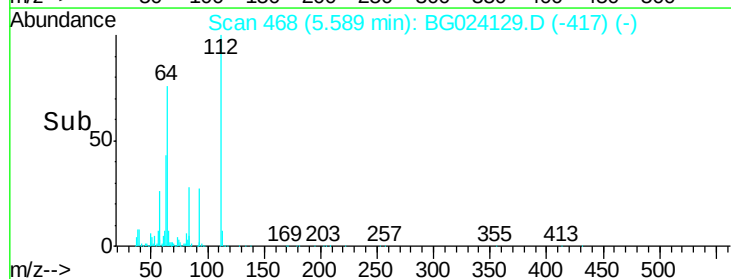
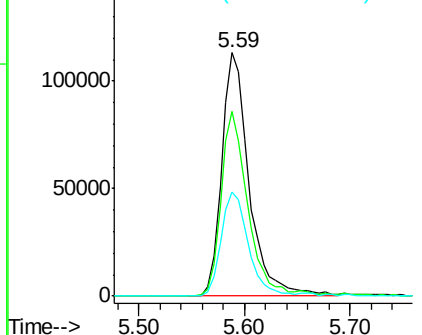
63 42.6 37.8 56.8

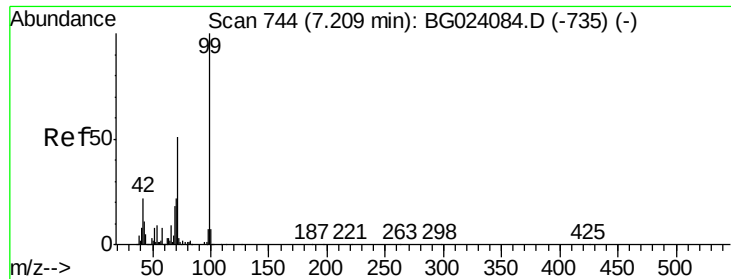


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 42.81 ng

RT: 7.22 min Scan# 745

Delta R.T. 0.01 min

Lab File: BG024129.D

Acq: 24 Sep 2016 18:23

Instrument :

BNA_G

ClientSampleId :

MW-03D-092116

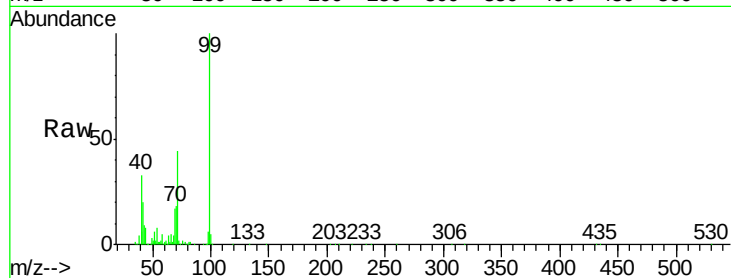
Tgt Ion: 99 Resp: 192904

Ion Ratio Lower Upper

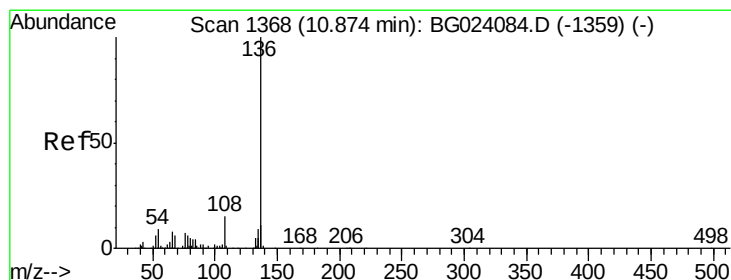
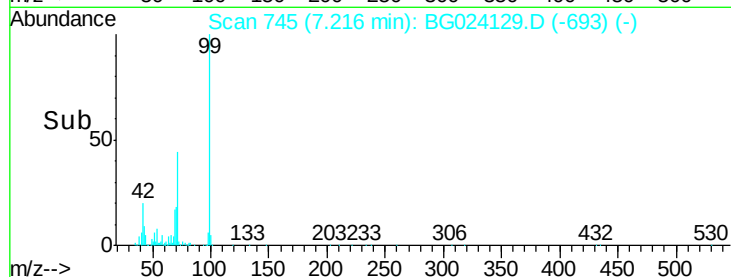
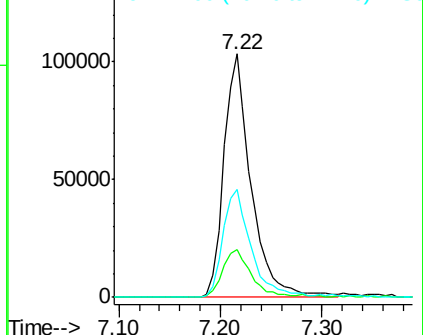
99 100

42 19.7 17.8 26.6

71 44.3 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: 10.88 min Scan# 1368

Delta R.T. 0.00 min

Lab File: BG024129.D

Acq: 24 Sep 2016 18:23

Tgt Ion: 136 Resp: 212036

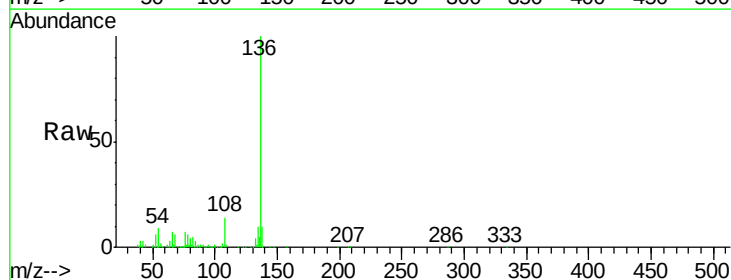
Ion Ratio Lower Upper

136 100

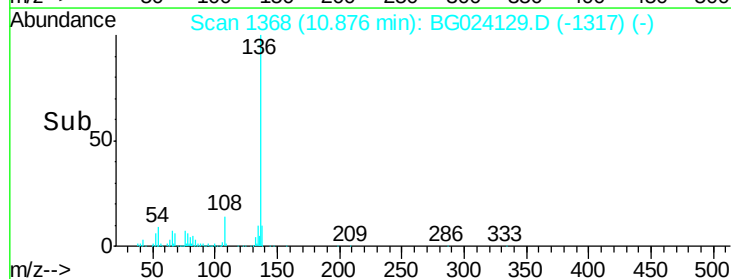
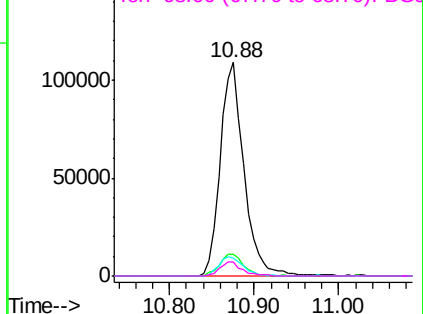
137 10.0 9.6 14.4

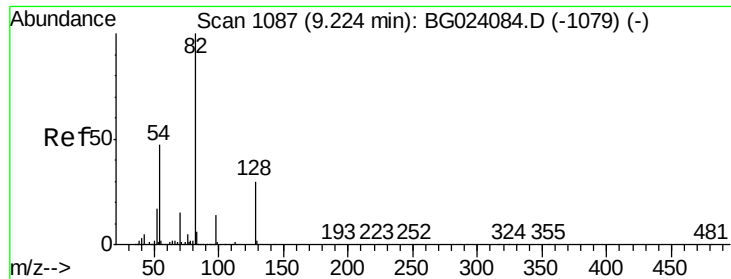
54 8.5 7.3 10.9

68 6.5 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

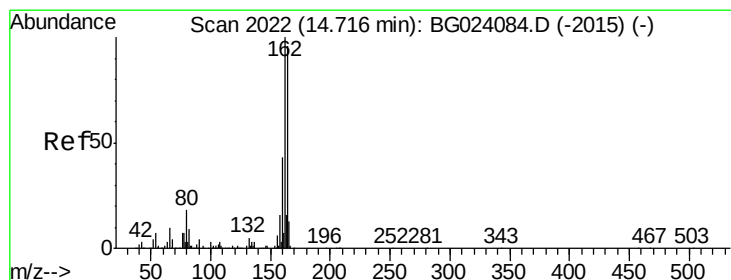
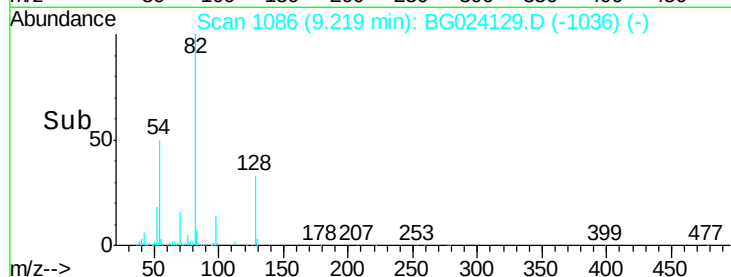
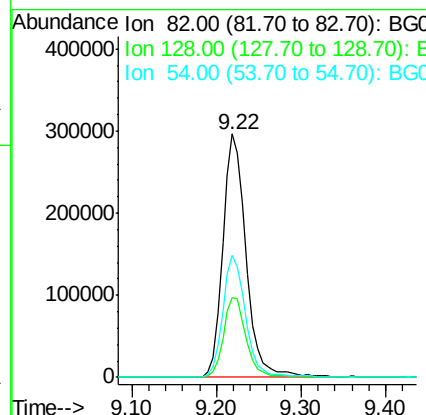
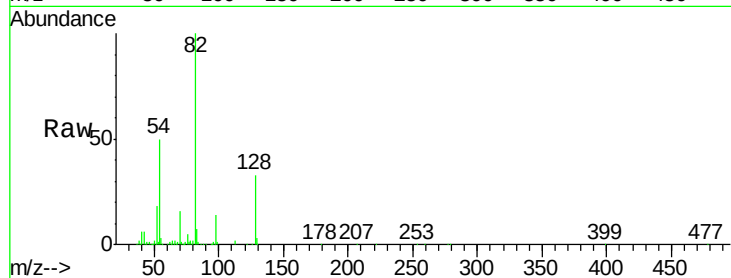




#23
 Nitrobenzene-d5
 Concen: 105.61 ng
 RT: 9.22 min Scan# 1086
 Delta R.T. -0.00 min
 Lab File: BG024129.D
 Acq: 24 Sep 2016 18:23

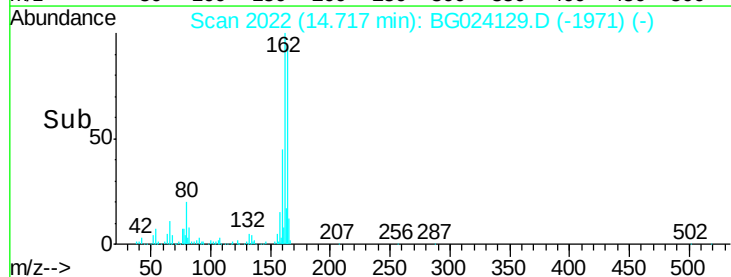
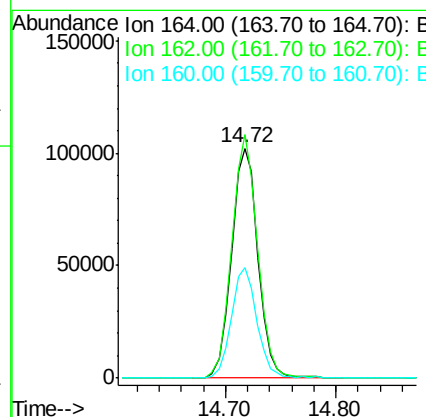
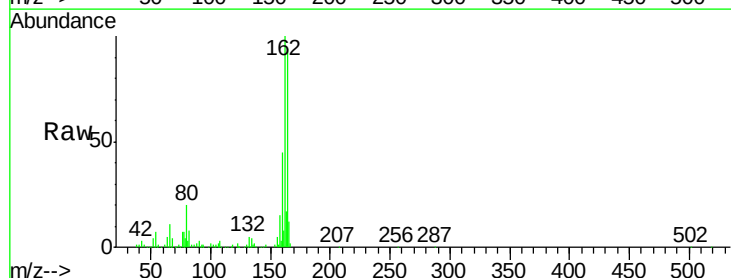
Instrument :
 BNA_G
 ClientSampleId :
 MW-03D-092116

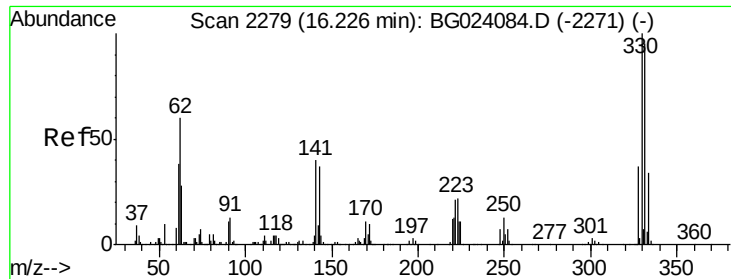
Tgt Ion	Ratio	Lower	Upper
82	100		
128	32.7	24.4	36.6
54	50.2	41.4	62.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.72 min Scan# 2022
 Delta R.T. 0.00 min
 Lab File: BG024129.D
 Acq: 24 Sep 2016 18:23

Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.0	87.7	131.5
160	48.1	37.2	55.8

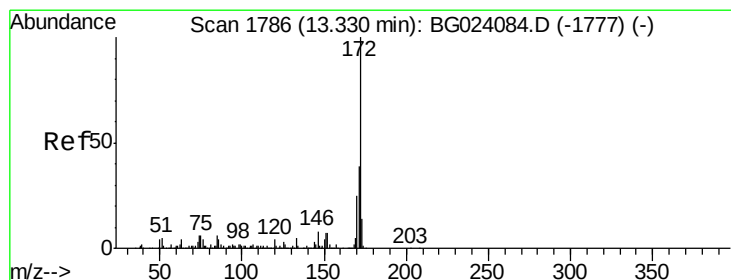
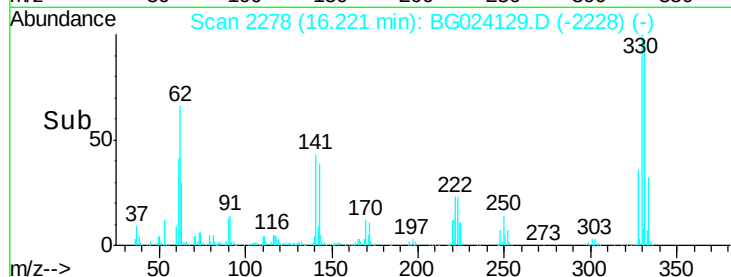
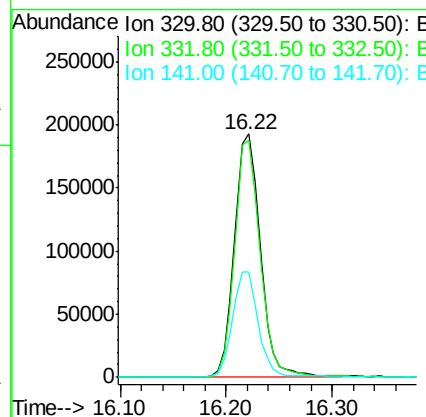
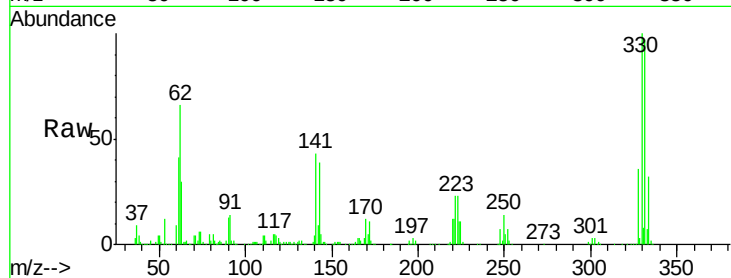




#41
 2,4,6-Tribromophenol
 Concen: 134.03 ng
 RT: 16.22 min Scan# 2278
 Delta R.T. -0.00 min
 Lab File: BG024129.D
 Acq: 24 Sep 2016 18:23

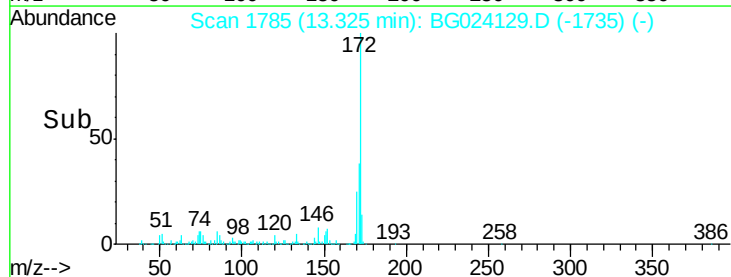
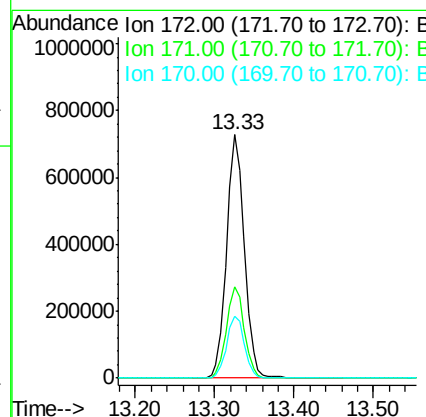
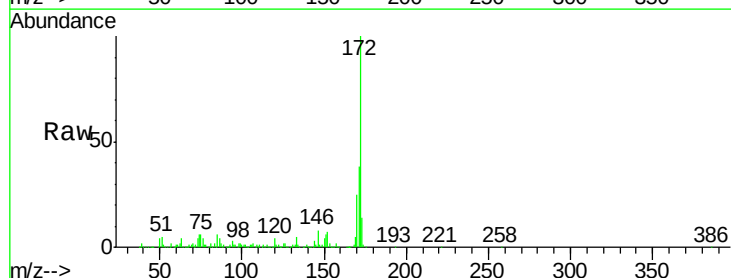
Instrument :
 BNA_G
 ClientSampleId :
 MW-03D-092116

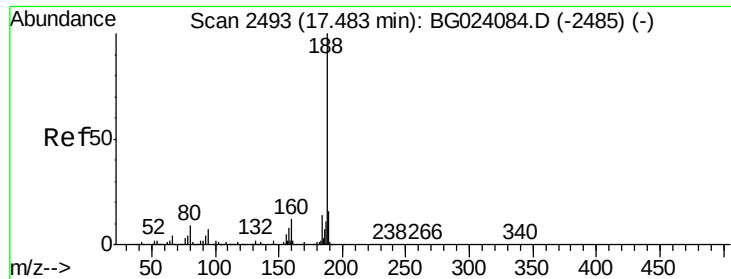
Tgt Ion:330 Resp: 328508
 Ion Ratio Lower Upper
 330 100
 332 95.6 77.4 116.2
 141 43.1 31.7 47.5



#44
 2-Fluorobiphenyl
 Concen: 111.10 ng
 RT: 13.33 min Scan# 1785
 Delta R.T. -0.00 min
 Lab File: BG024129.D
 Acq: 24 Sep 2016 18:23

Tgt Ion:172 Resp: 1126979
 Ion Ratio Lower Upper
 172 100
 171 37.6 31.6 47.4
 170 25.4 21.3 31.9

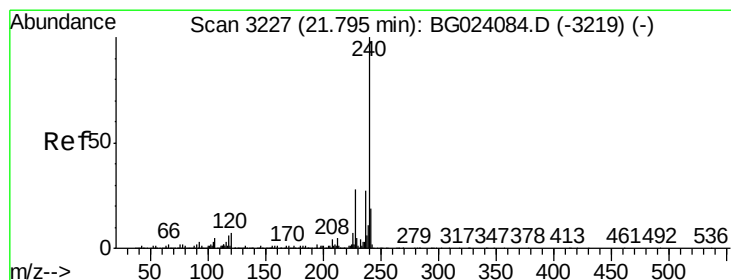
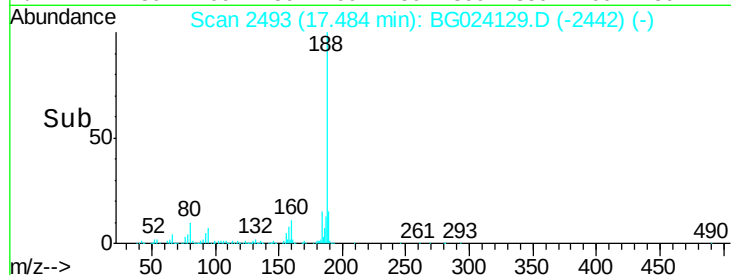
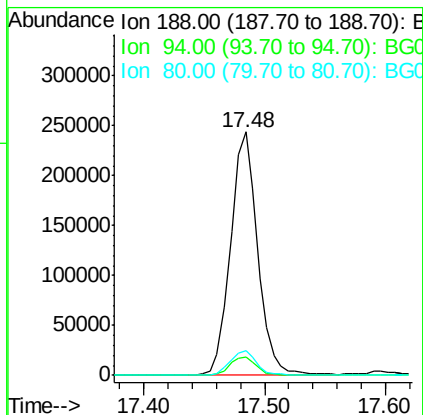
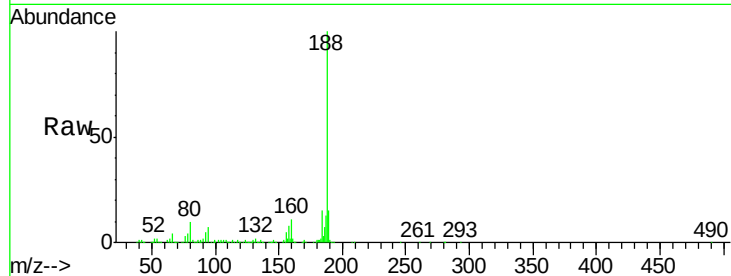




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.48 min Scan# 2493
Delta R.T. 0.00 min
Lab File: BG024129.D
Acq: 24 Sep 2016 18:23

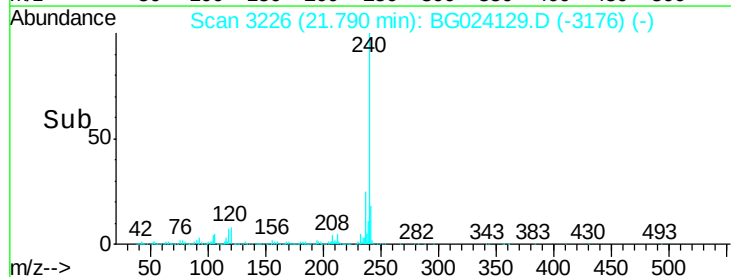
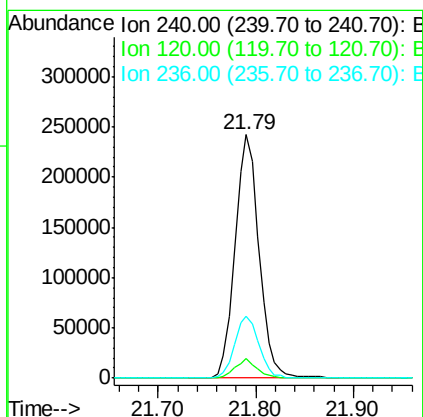
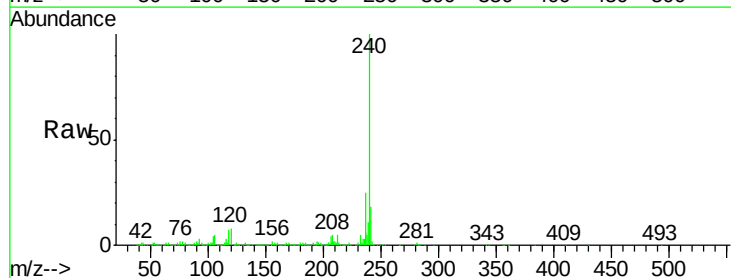
Instrument :
BNA_G
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MW-03D-092116

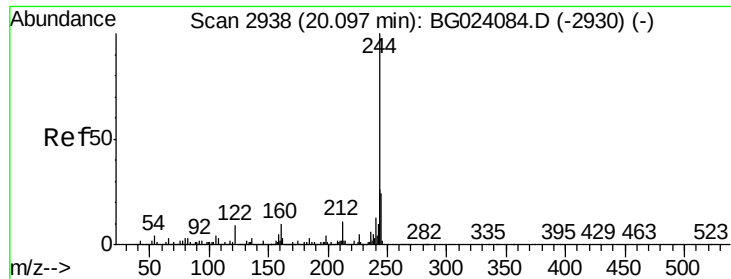
Tgt Ion:188 Resp: 382046
Ion Ratio Lower Upper
188 100
94 7.3 5.2 7.8
80 10.0 7.2 10.8



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.79 min Scan# 3226
Delta R.T. -0.00 min
Lab File: BG024129.D
Acq: 24 Sep 2016 18:23

Tgt Ion:240 Resp: 412565
Ion Ratio Lower Upper
240 100
120 7.9 4.1 6.1#
236 25.2 21.1 31.7





#78

Terphenyl-d14

Concen: 76.63 ng

RT: 20.09 min Scan# 2937

Delta R.T. -0.00 min

Lab File: BG024129.D

Acq: 24 Sep 2016 18:23

Instrument :

BNA_G

ClientSampleId :

MW-03D-092116

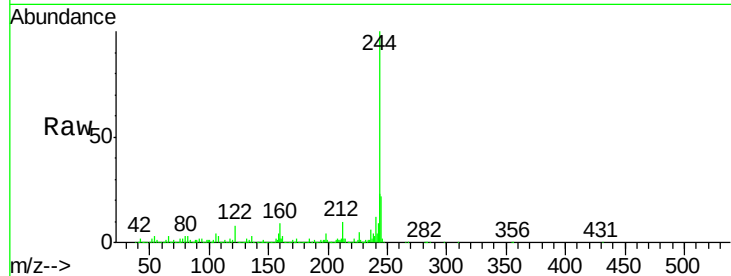
Tgt Ion:244 Resp: 1544059

Ion Ratio Lower Upper

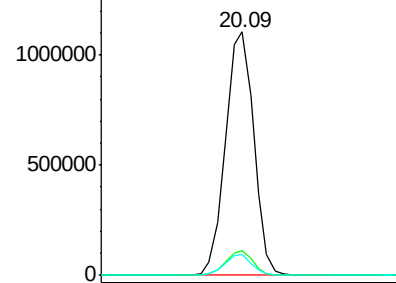
244 100

212 10.2 10.8 16.2#

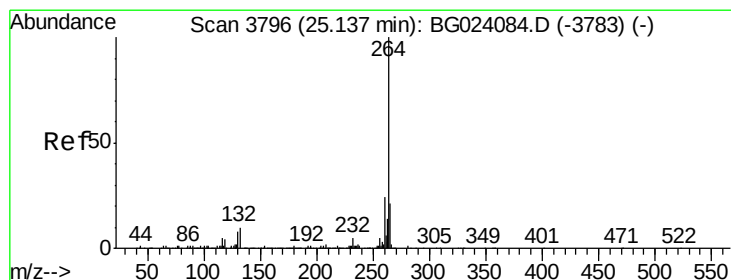
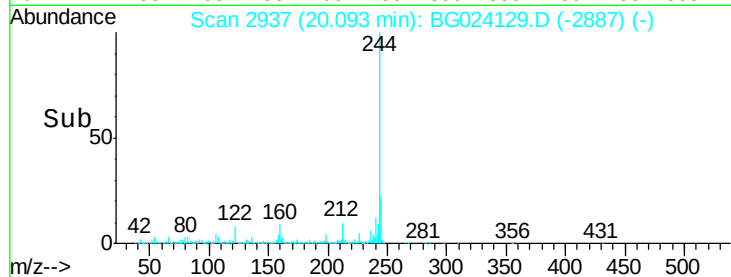
122 8.4 8.0 12.0



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



Time--> 20.00 20.05 20.10 20.15



#86

Perylene-d12

Concen: 20.00 ng

RT: 25.12 min Scan# 3793

Delta R.T. -0.02 min

Lab File: BG024129.D

Acq: 24 Sep 2016 18:23

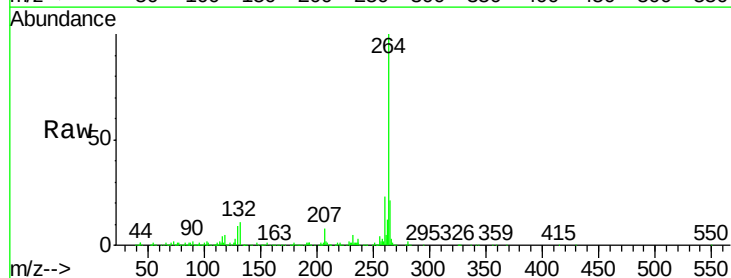
Tgt Ion:264 Resp: 401914

Ion Ratio Lower Upper

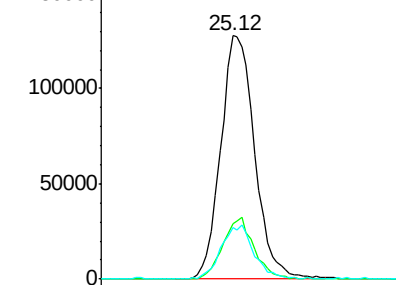
264 100

260 22.6 18.4 27.6

265 21.0 18.9 28.3



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



Time--> 25.00 25.10 25.20 25.30

