

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 00:53:00 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

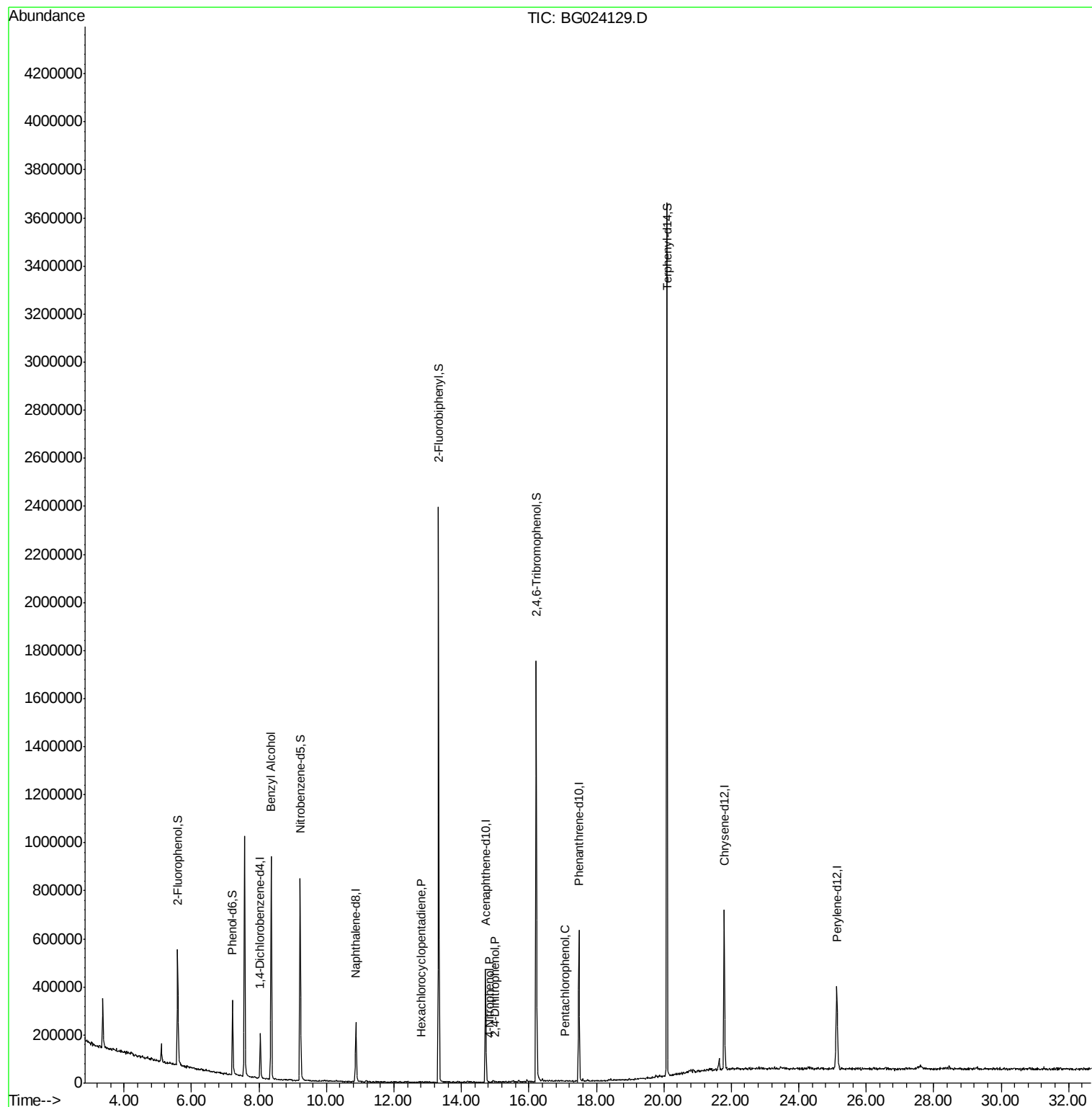
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	46394	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	212036	20.00	ng	0.00
38) Acenaphthene-d10	14.72	164	170518	20.00	ng	0.00
63) Phenanthrene-d10	17.48	188	382046	20.00	ng	0.00
75) Chrysene-d12	21.79	240	412565	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						
15) Benzyl Alcohol	8.36	79	9463	2.17	ng	# 65
40) Hexachlorocyclopentadiene	12.80	237	82	3.63	ng	# 26
53) 2,4-Dinitrophenol	14.99	184	54	2.49	ng	# 4
55) 4-Nitrophenol	14.83	139	81	5.38	ng	# 1
69) Pentachlorophenol	17.07	266	56	3.58	ng	# 36

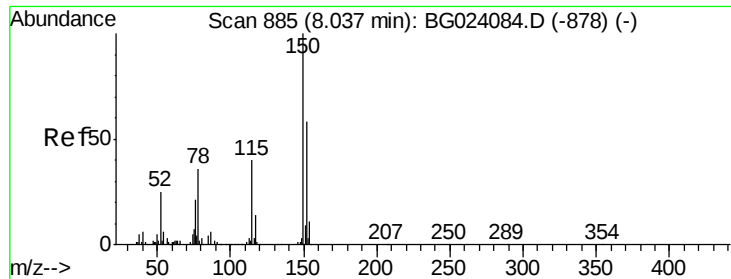
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

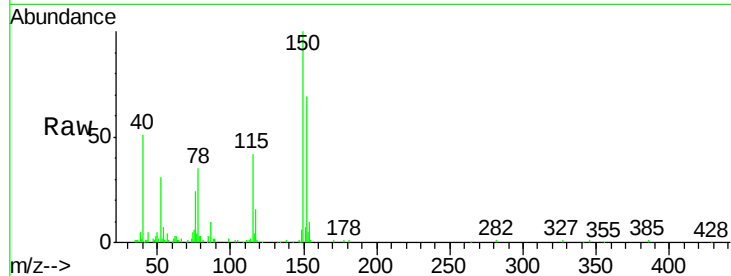
Instrument :

BNA_G

ClientSampleId :

MW-03D-092116

Tgt Ion	Ratio	Lower	Upper
152	100		
150	145.2	144.7	217.1
115	61.6	64.0	96.0

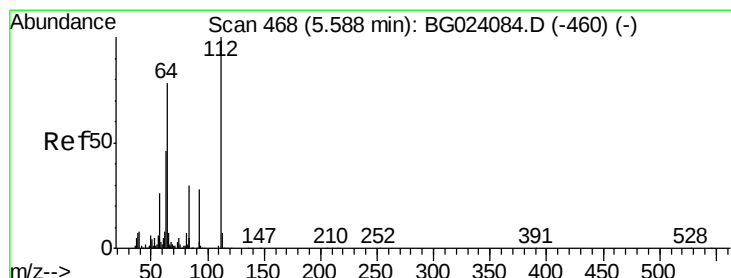
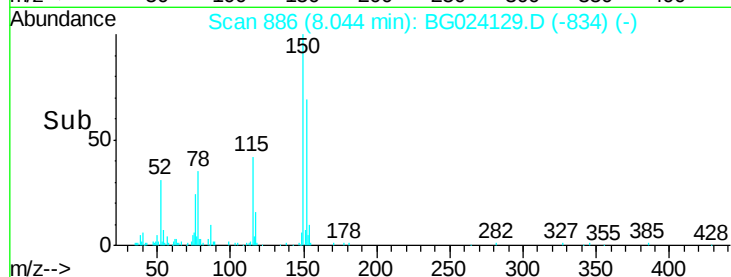
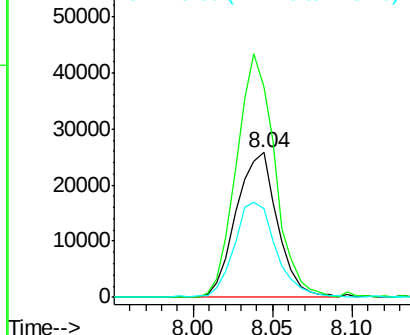


Abundance

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

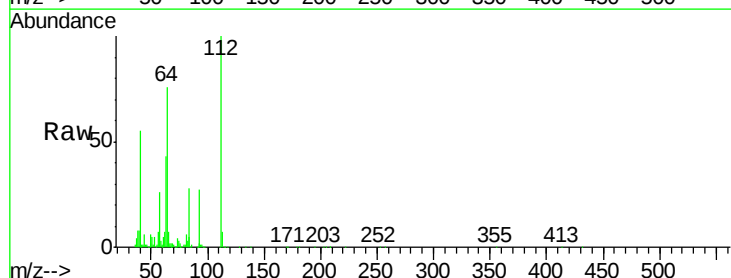
RT: 5.59 min Scan# 468

Delta R.T. 0.00 min

Lab File: BG024129.D

Acq: 24 Sep 2016 18:23

Tgt Ion	Ratio	Lower	Upper
112	100		
64	75.7	59.0	88.4
63	42.6	37.8	56.8

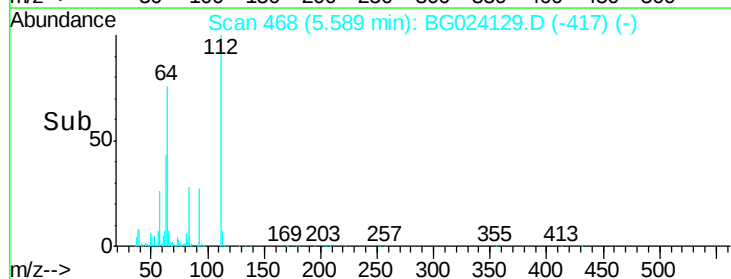
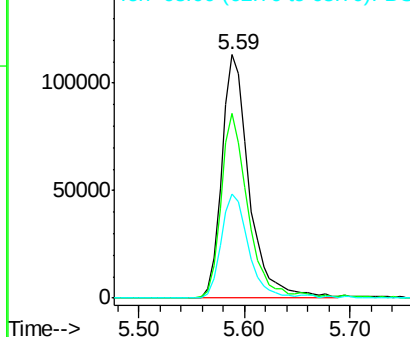


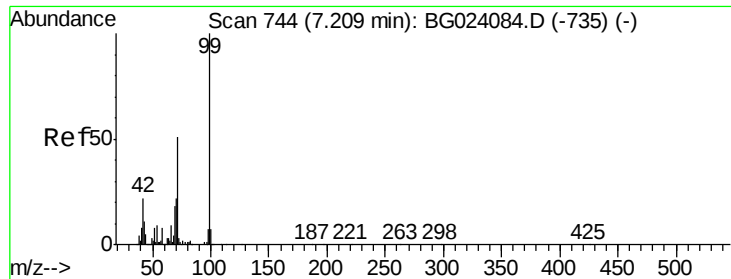
Abundance

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

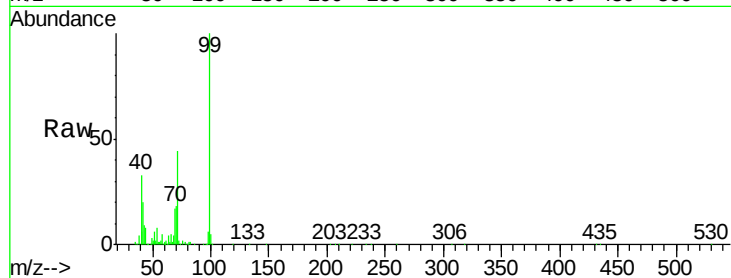
Tgt Ion: 99 Resp: 192904

Ion Ratio Lower Upper

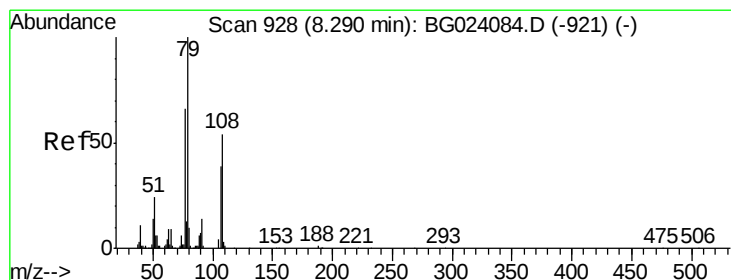
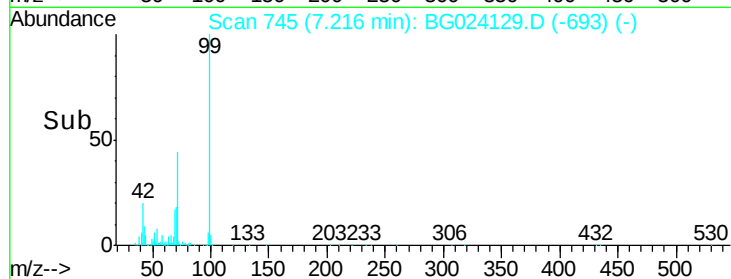
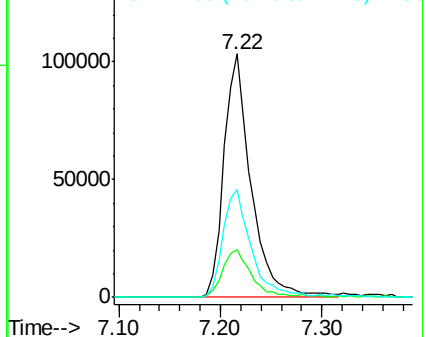
99 100

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



#15

Benzyl Alcohol

Concen: 2.17 ng

RT: 8.36 min Scan# 940

Delta R.T. 0.07 min

Lab File: BG024129.D

Acq: 24 Sep 2016 18:23

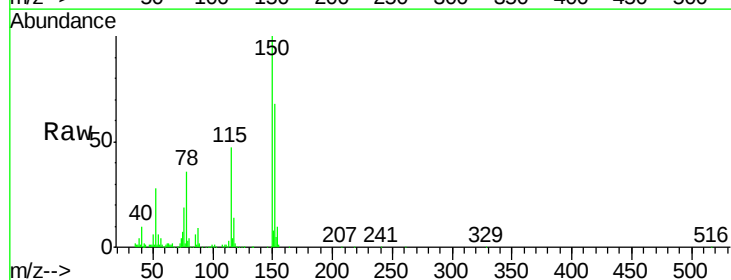
Tgt Ion: 79 Resp: 9463

Ion Ratio Lower Upper

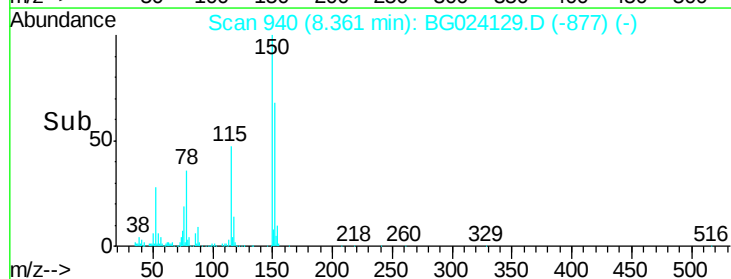
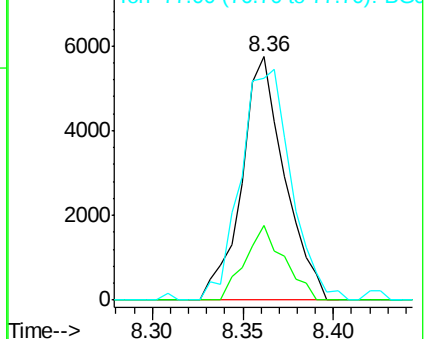
79 100

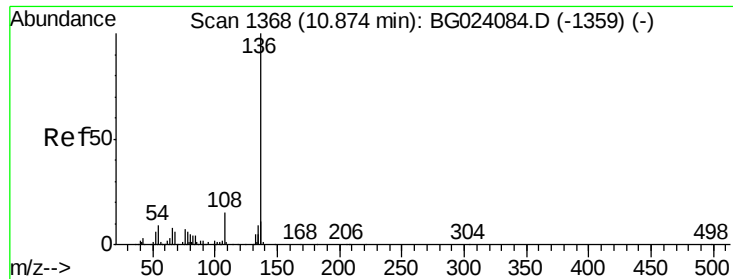
108 30.5 46.5 69.7#

77 91.0 52.3 78.5#



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC

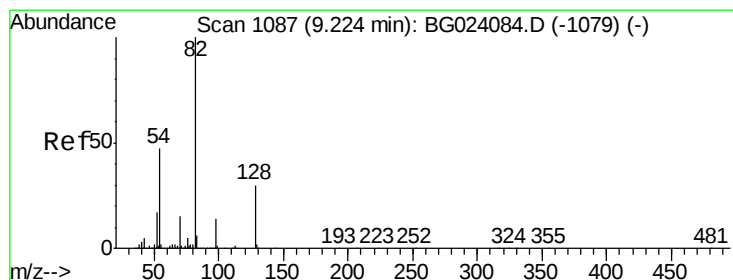
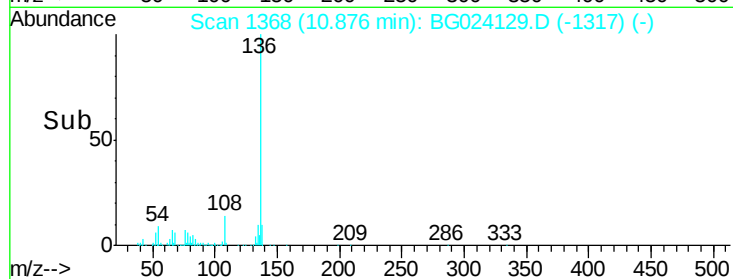
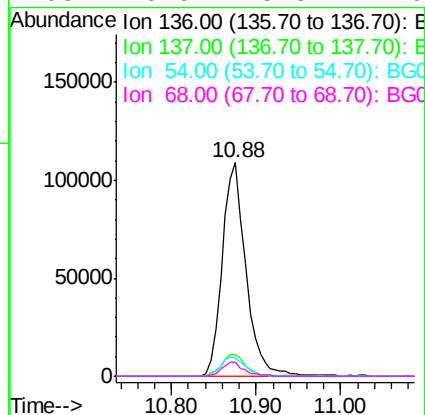
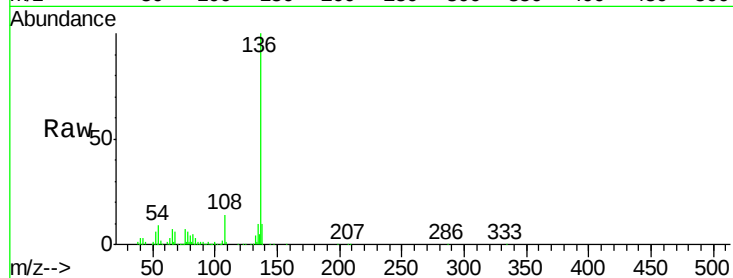




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.88 min Scan# 1368
Delta R.T. 0.00 min
Lab File: BG024129.D
Acq: 24 Sep 2016 18:23

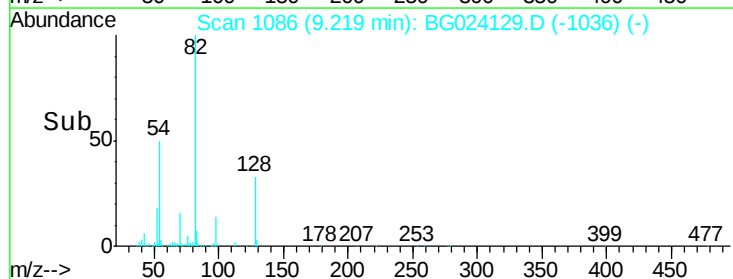
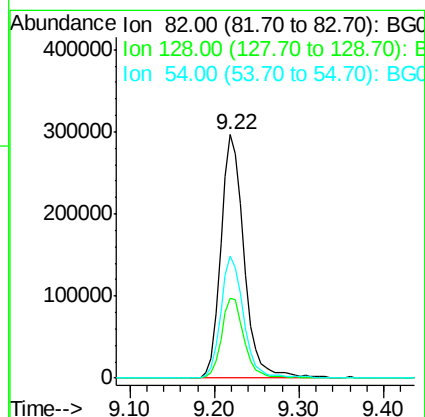
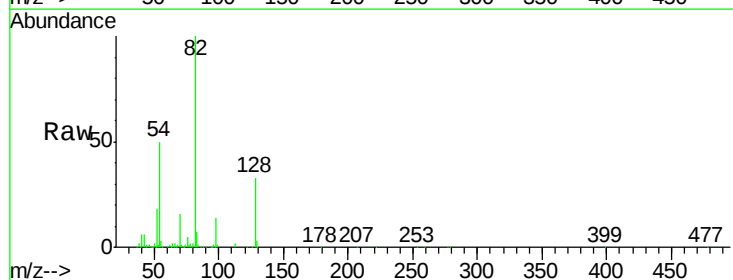
Instrument :
BNA_G
ClientSampleId :
MW-03D-092116

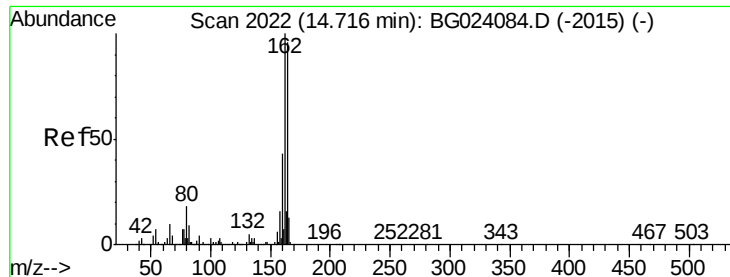
Tgt Ion:	136	Resp:	212036
Ion	Ratio	Lower	Upper
136	100		
137	10.0	9.6	14.4
54	8.5	7.3	10.9
68	6.5	5.3	7.9



#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

Tgt Ion:	82	Resp:	568162
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

Instrument :

BNA_G

ClientSampleId :

MW-03D-092116

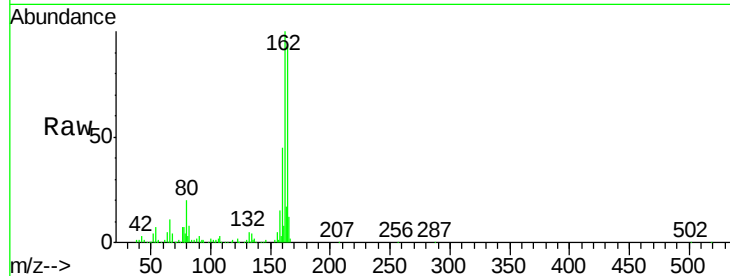
Tgt Ion:164 Resp: 170518

Ion Ratio Lower Upper

164 100

162 106.0 87.7 131.5

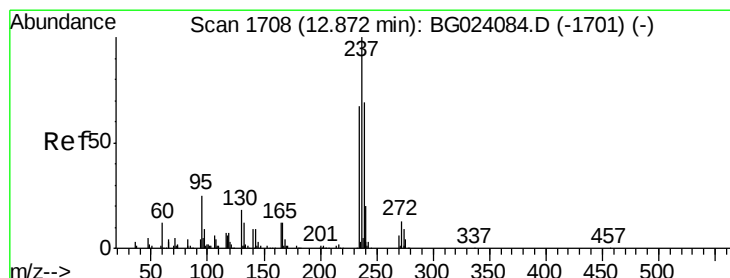
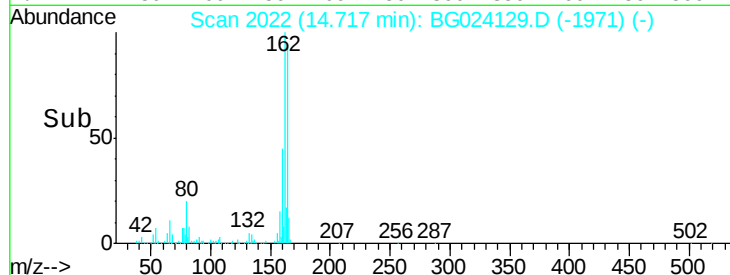
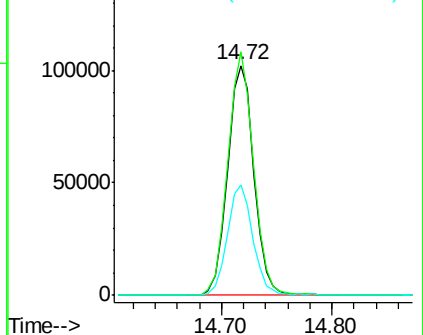
160 48.1 37.2 55.8



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



#40

Hexachlorocyclopentadiene

Concen: 3.63 ng

RT: 12.80 min Scan# 1695

Delta R.T. -0.07 min

Lab File: BG024129.D

Acq: 24 Sep 2016 18:23

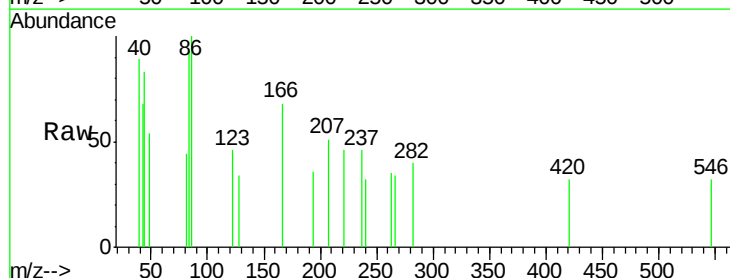
Tgt Ion:237 Resp: 82

Ion Ratio Lower Upper

237 100

235 0.0 43.1 83.1#

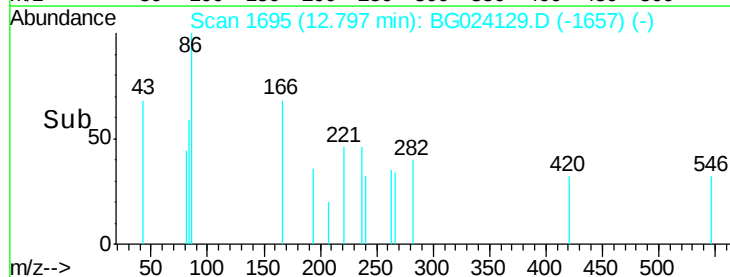
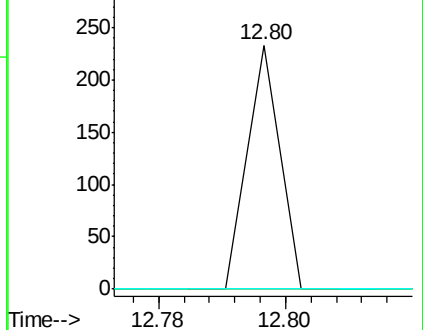
272 0.0 0.0 30.9

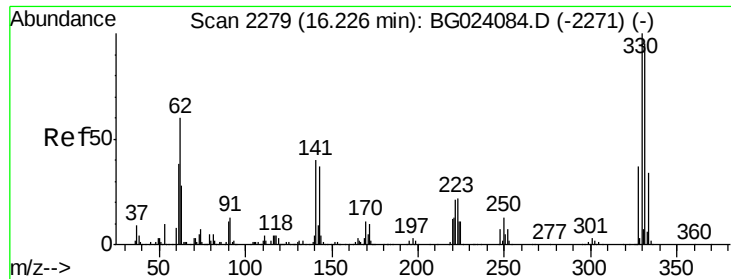


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

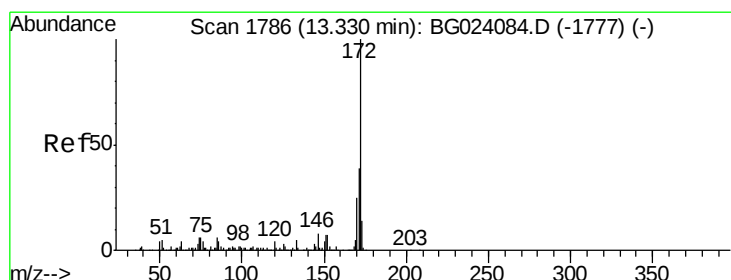
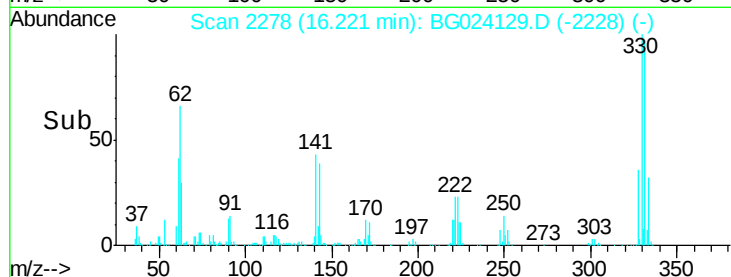
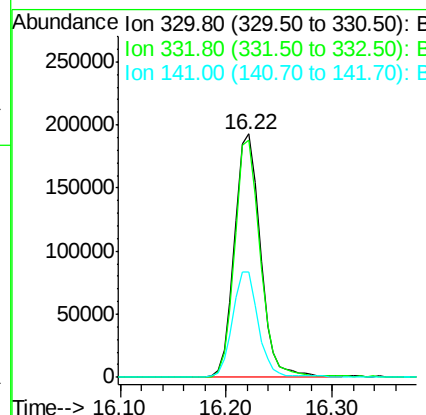
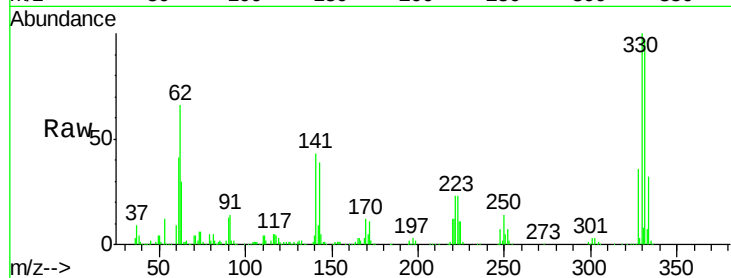




#41
 2,4,6-Tribromophenol
 Concen: 134.03 ng
 RT: 16.22 min Scan# 2278
 Delta R.T. -0.00 min
 Lab File: BG024129.D
 Acq: 24 Sep 2016 18:23

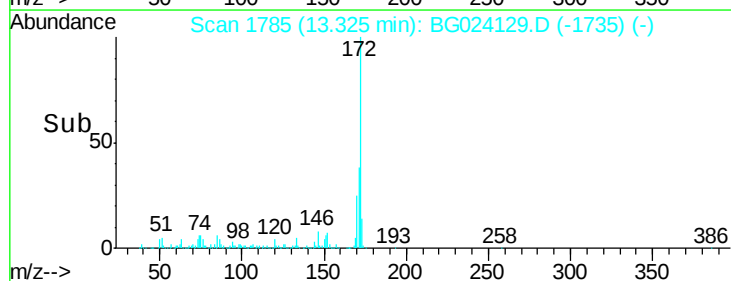
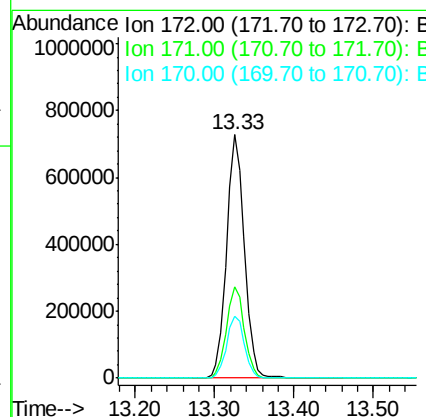
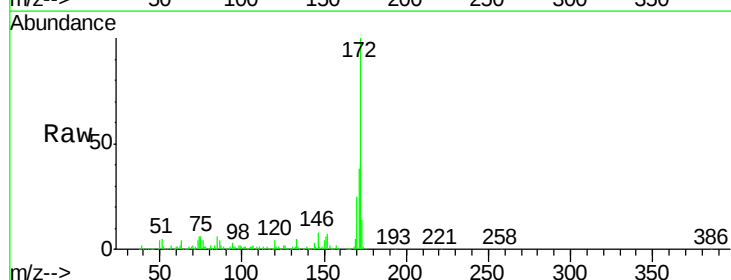
Instrument :
 BNA_G
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 MW-03D-092116

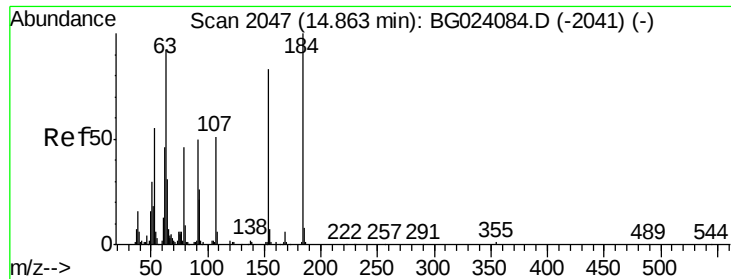
Tgt Ion:330 Resp: 328508
 Ion Ratio Lower Upper
 330 100
 332 95.6 77.4 116.2
 141 43.1 31.7 47.5



#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

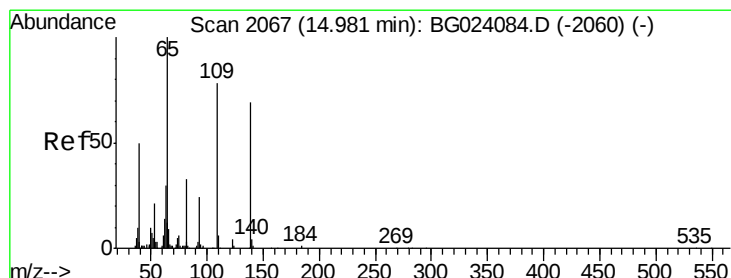
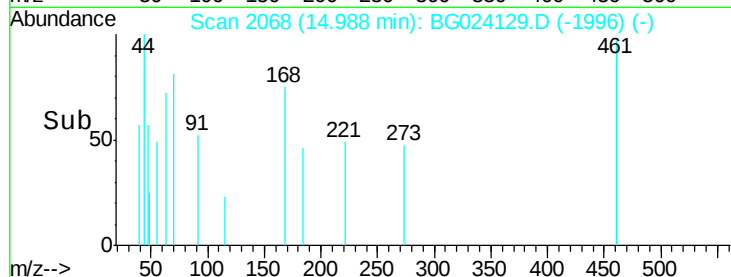
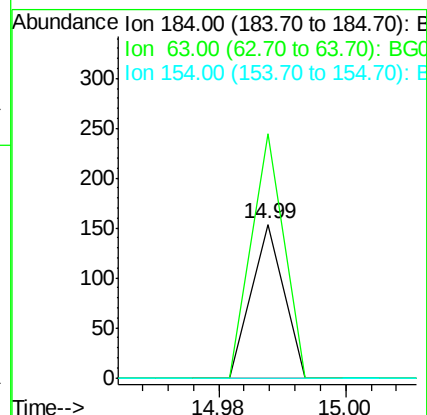
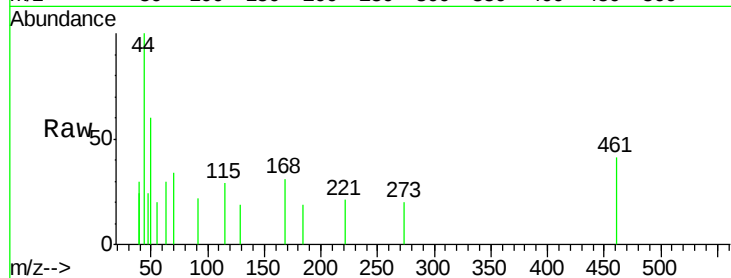




#53
2,4-Dinitrophenol
Concen: 2.49 ng
RT: 14.99 min Scan# 2068
Delta R.T. 0.12 min
Lab File: BG024129.D
Acq: 24 Sep 2016 18:23

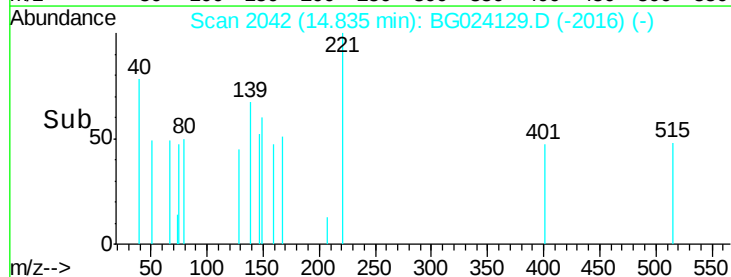
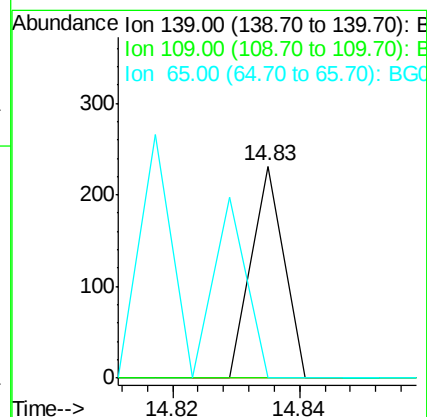
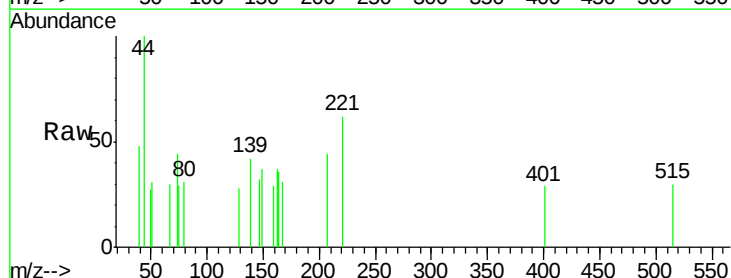
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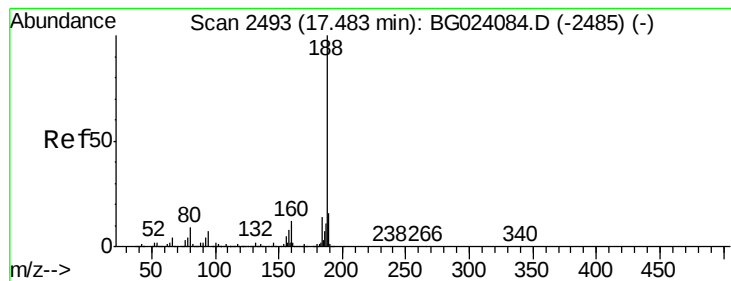
Tgt Ion:184 Resp: 54
Ion Ratio Lower Upper
184 100
63 158.4 59.6 89.4#
154 0.0 67.4 101.0#



#55
4-Nitrophenol
Concen: 5.38 ng
RT: 14.83 min Scan# 2042
Delta R.T. -0.15 min
Lab File: BG024129.D
Acq: 24 Sep 2016 18:23

Tgt Ion:139 Resp: 81
Ion Ratio Lower Upper
139 100
109 0.0 103.0 143.0#
65 0.0 112.7 152.7#





#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

ClientSampleId :

MW-03D-092116

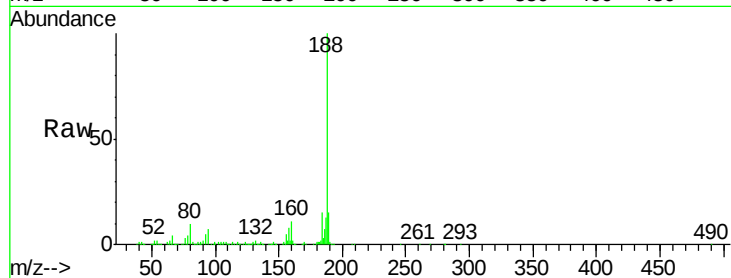
Tgt Ion:188 Resp: 382046

Ion Ratio Lower Upper

188 100

94 7.3 5.2 7.8

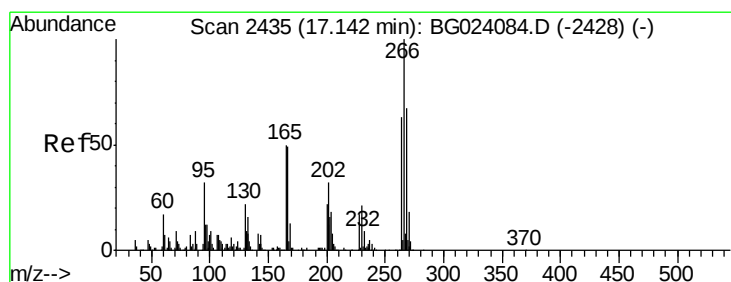
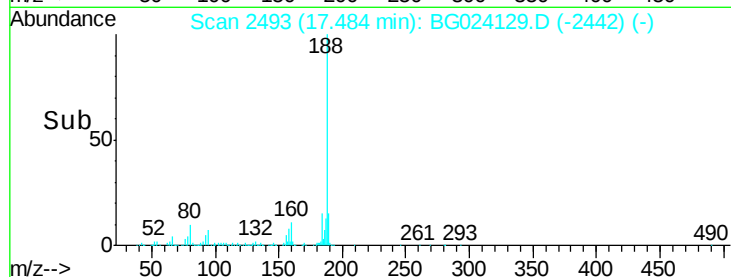
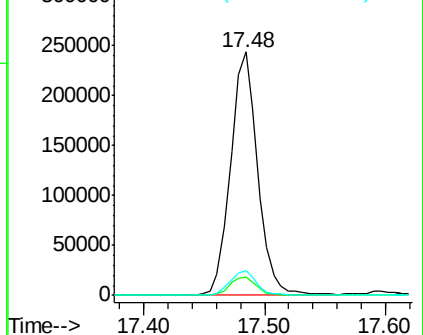
80 10.0 7.2 10.8



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



#69

Pentachlorophenol

Concen: 3.58 ng

RT: 17.07 min Scan# 2423

Delta R.T. -0.07 min

Lab File: BG024129.D

Acq: 24 Sep 2016 18:23

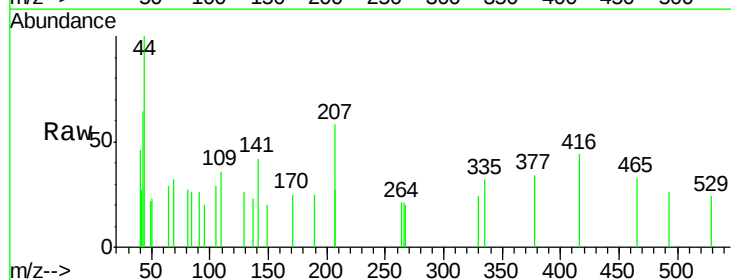
Tgt Ion:266 Resp: 56

Ion Ratio Lower Upper

266 100

268 0.0 51.9 77.9#

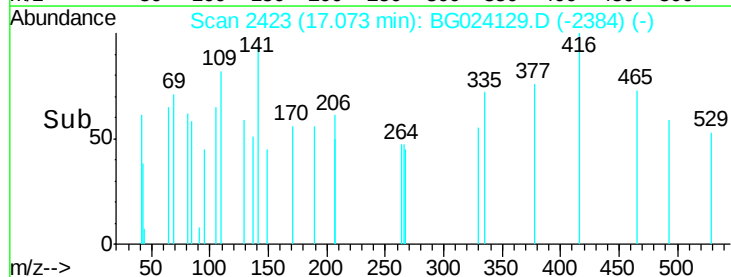
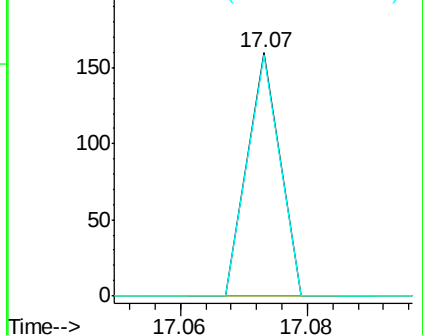
264 98.8 50.6 75.8#

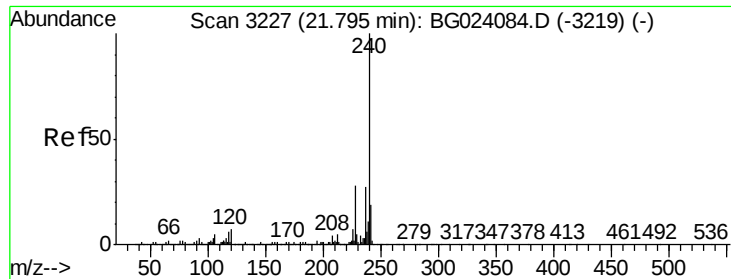


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#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

Instrument :

BNA_G

ClientSampleId :

MW-03D-092116

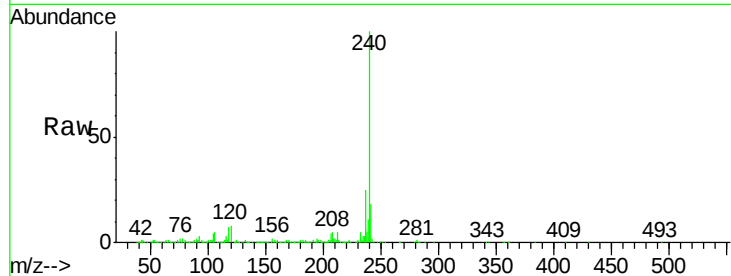
Tgt Ion:240 Resp: 412565

Ion Ratio Lower Upper

240 100

120 7.9 4.1 6.1#

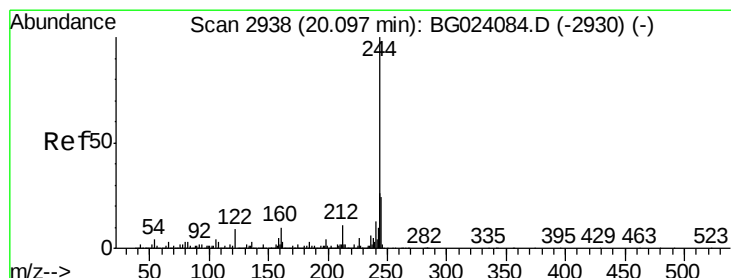
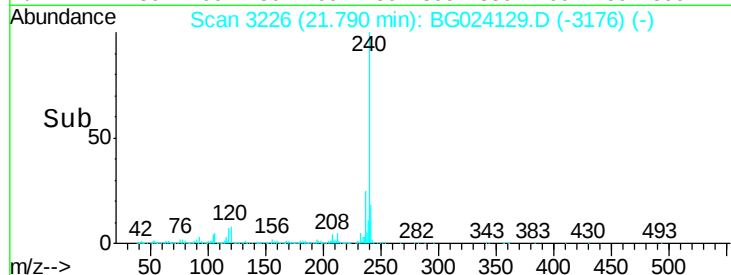
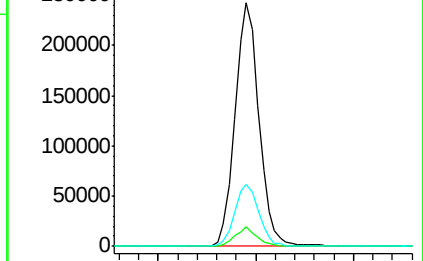
236 25.2 21.1 31.7



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: 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

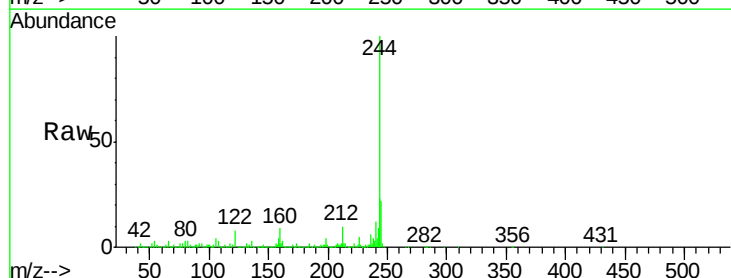
Tgt Ion:244 Resp: 1544059

Ion Ratio Lower Upper

244 100

212 10.2 10.8 16.2#

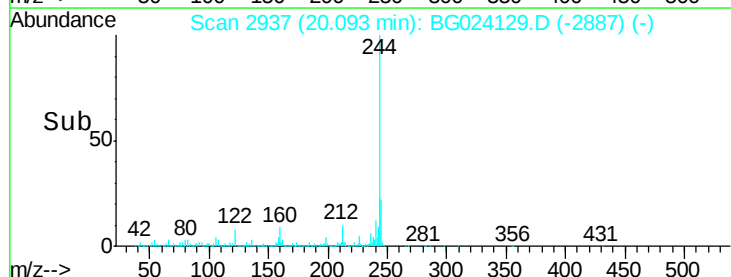
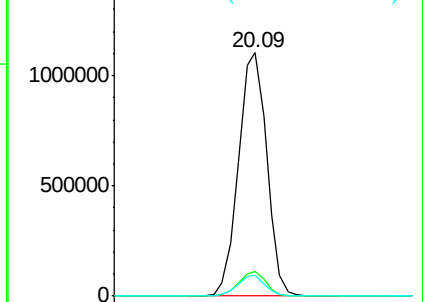
122 8.4 8.0 12.0

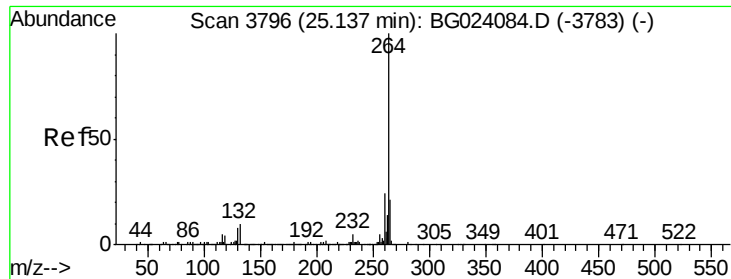


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

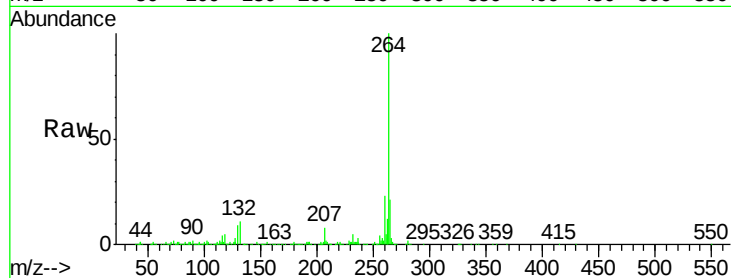




#86
Perylene-d12
Concen: 20.00 ng
RT: 25.12 min Scan# 3793
Delta R.T. -0.02 min
Lab File: BG024129.D
Acq: 24 Sep 2016 18:23

Instrument :
BNA_G
ClientSampleId :
MW-03D-092116

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.6	18.4	27.6
265	21.0	18.9	28.3

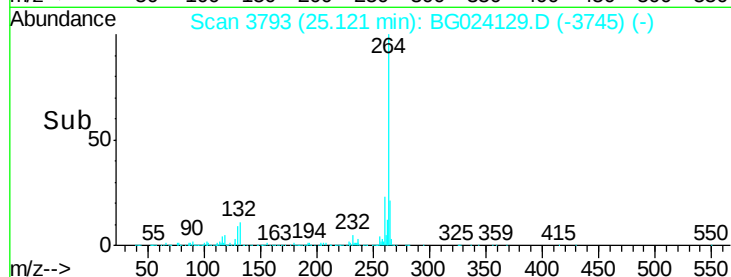
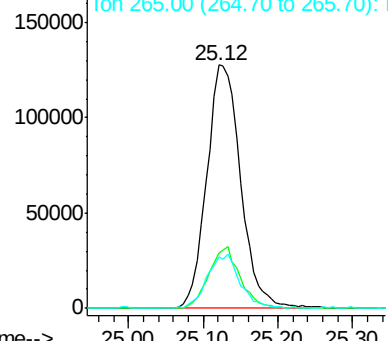


Abundance

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-->