

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG092316\
 Data File : BG024124.D
 Acq On : 24 Sep 2016 14:34
 Operator : UM/SJ
 Sample : H4902-09
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DUP

Quant Time: Sep 26 00:51:40 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

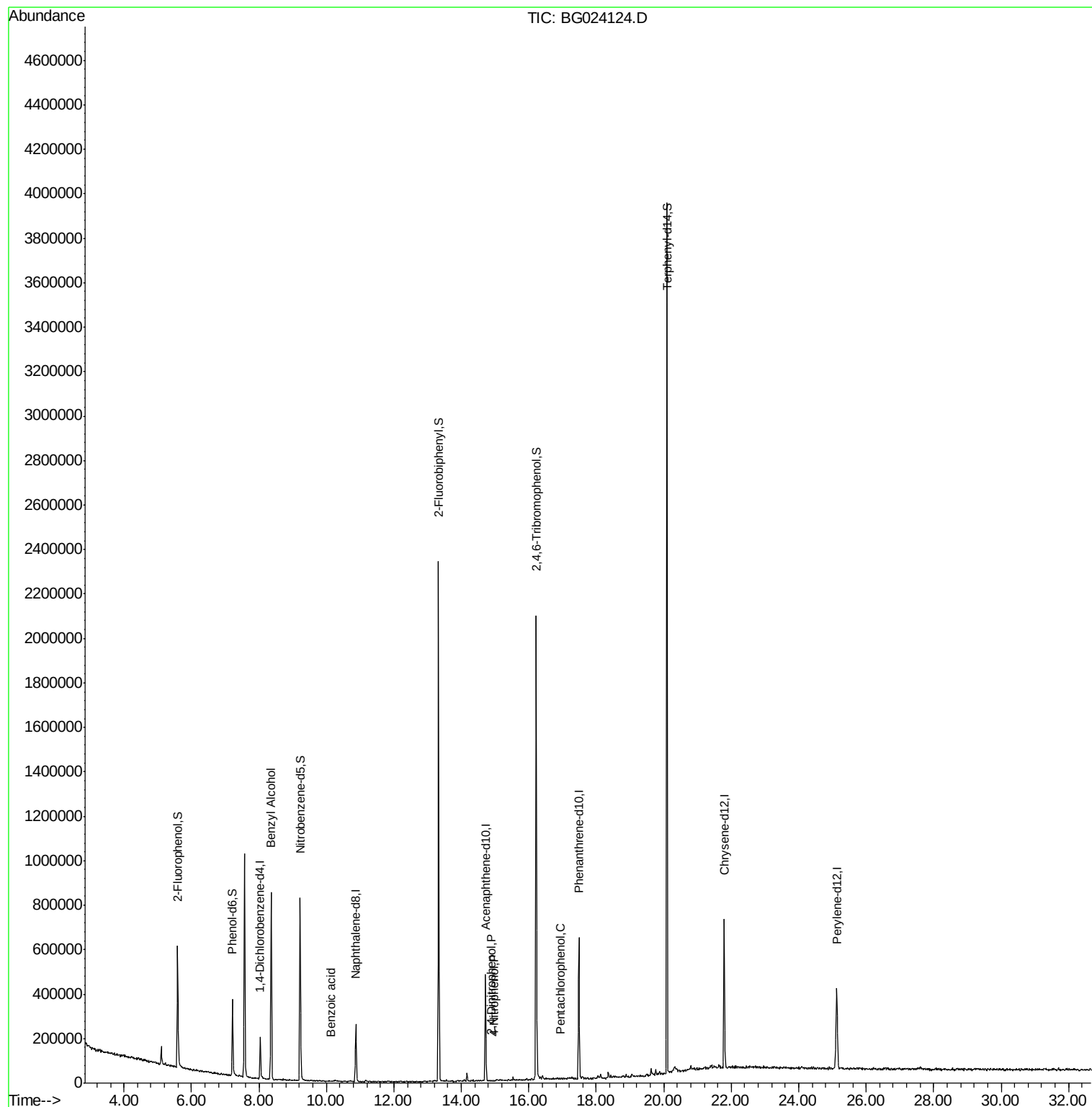
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	46470	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	211106	20.00	ng	0.00
38) Acenaphthene-d10	14.72	164	173502	20.00	ng	0.00
63) Phenanthrene-d10	17.49	188	388586	20.00	ng	0.00
75) Chrysene-d12	21.79	240	416750	20.00	ng	0.00
86) Perylene-d12	25.13	264	408740	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	225519	84.08	ng	0.00
7) Phenol-d6	7.21	99	211932	46.96	ng	0.00
23) Nitrobenzene-d5	9.22	82	539968	100.81	ng	0.00
41) 2,4,6-Tribromophenol	16.22	330	365967	146.74	ng	0.00
44) 2-Fluorobiphenyl	13.33	172	1082414	104.87	ng	0.00
78) Terphenyl-d14	20.09	244	1532070	75.28	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.36	79	8908	2.04	ng	# 59
32) Benzoic acid	10.12	122	57	2.18	ng	# 34
53) 2,4-Dinitrophenol	14.89	184	64	2.49	ng	# 10
55) 4-Nitrophenol	14.98	139	59	5.37	ng	# 1
69) Pentachlorophenol	16.95	266	55	3.58	ng	# 18

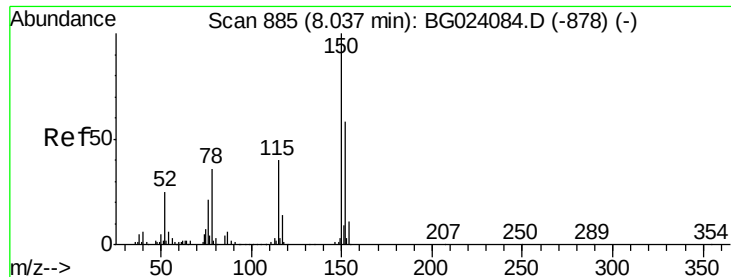
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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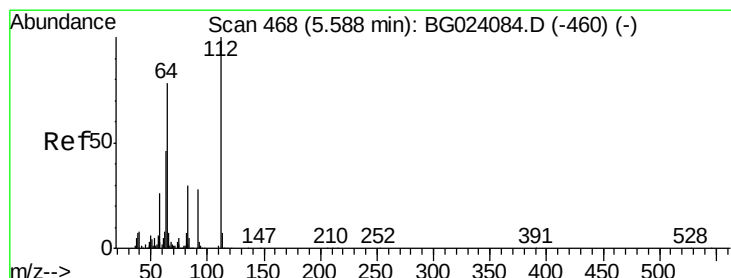
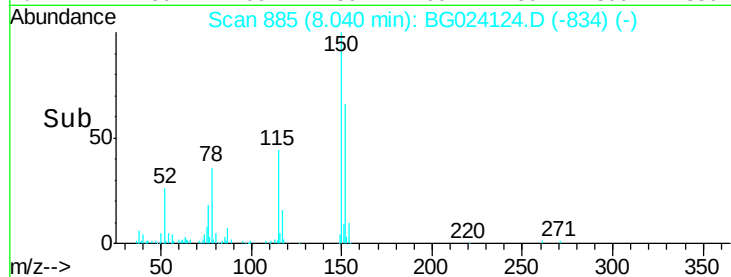
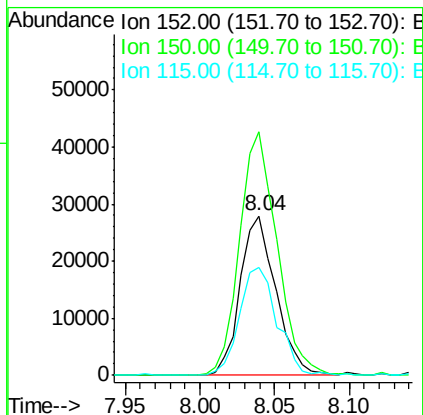
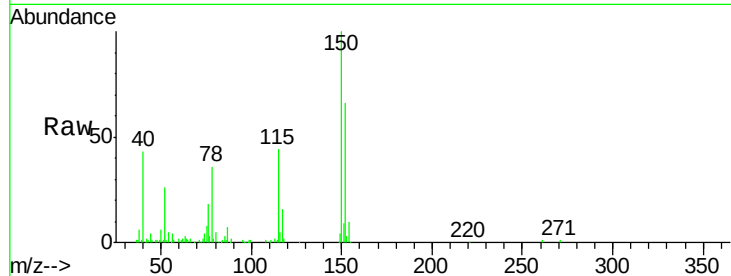


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.04 min Scan# 885
Delta R.T. 0.00 min
Lab File: BG024124.D
Acq: 24 Sep 2016 14:34

Instrument :
BNA_G
ClientSampleId :
DUP

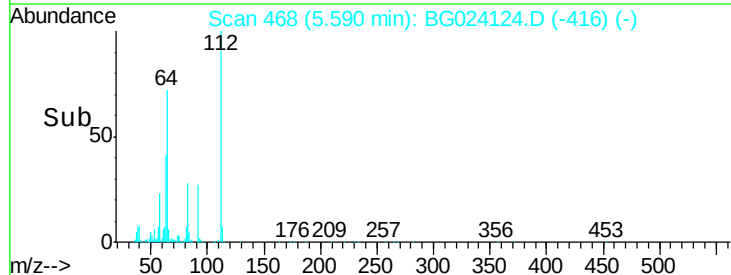
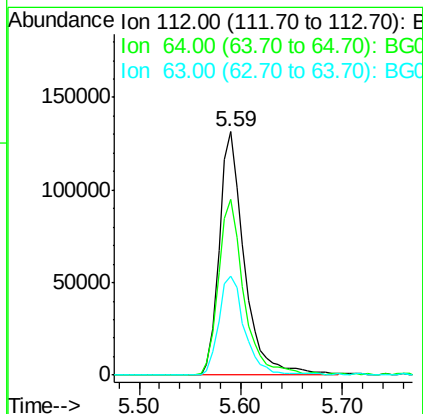
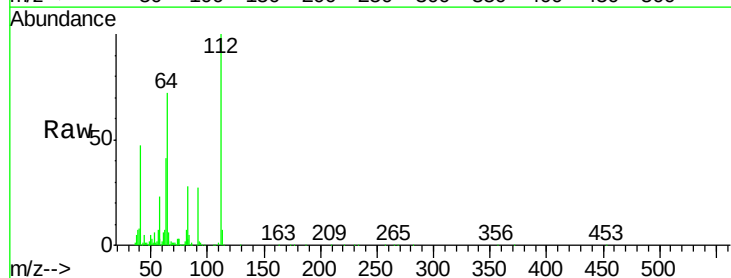
Tgt Ion:152 Resp: 46470
Ion Ratio Lower Upper
152 100
150 152.6 144.7 217.1
115 67.7 64.0 96.0

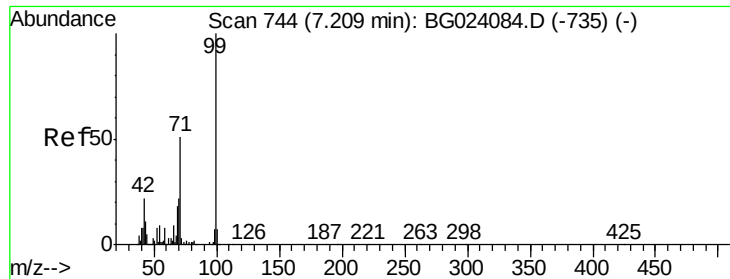


#5

2-Fluorophenol
Concen: 84.08 ng
RT: 5.59 min Scan# 468
Delta R.T. 0.00 min
Lab File: BG024124.D
Acq: 24 Sep 2016 14:34

Tgt Ion:112 Resp: 225519
Ion Ratio Lower Upper
112 100
64 72.4 59.0 88.4
63 40.7 37.8 56.8





#7

Phenol-d6

Concen: 46.96 ng

RT: 7.21 min Scan# 744

Delta R.T. 0.00 min

Lab File: BG024124.D

Acq: 24 Sep 2016 14:34

Instrument :

BNA_G

ClientSampled :

DUP

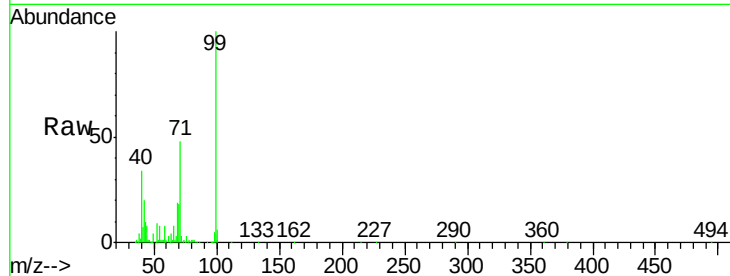
Tgt Ion: 99 Resp: 211932

Ion Ratio Lower Upper

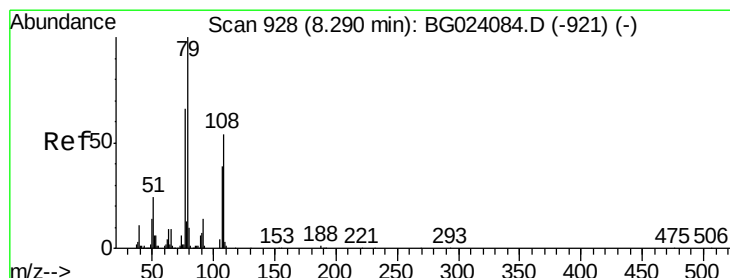
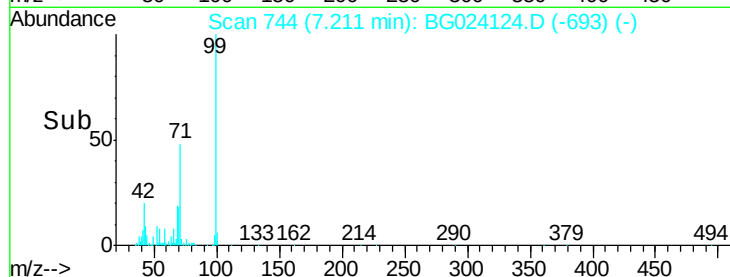
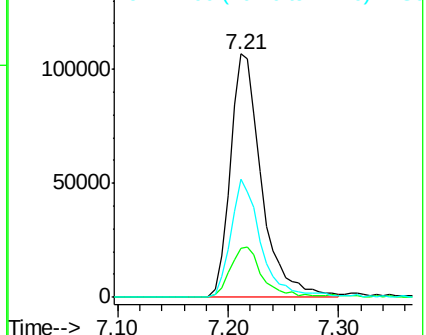
99 100

42 20.1 17.8 26.6

71 48.3 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: 2.04 ng

RT: 8.36 min Scan# 939

Delta R.T. 0.07 min

Lab File: BG024124.D

Acq: 24 Sep 2016 14:34

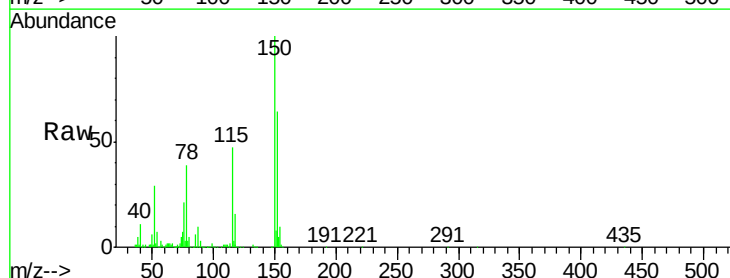
Tgt Ion: 79 Resp: 8908

Ion Ratio Lower Upper

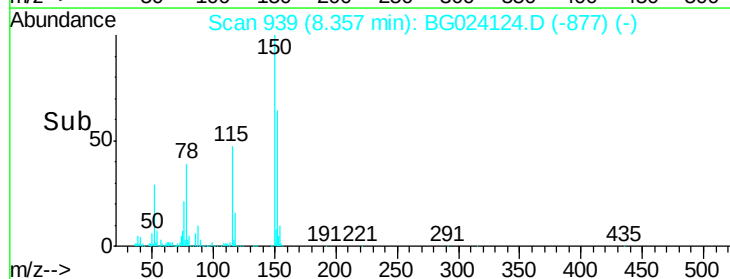
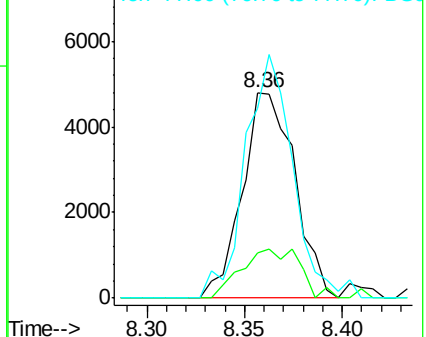
79 100

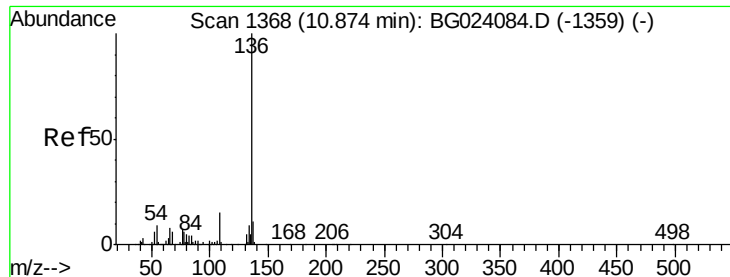
108 21.8 46.5 69.7#

77 92.5 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

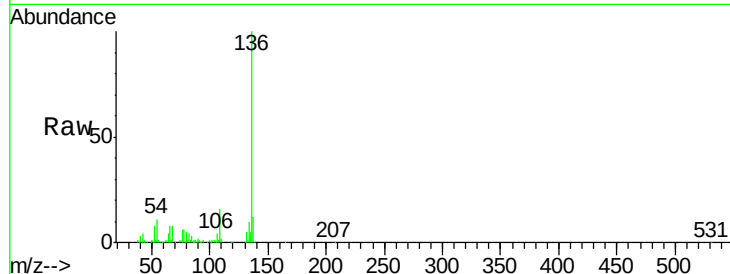




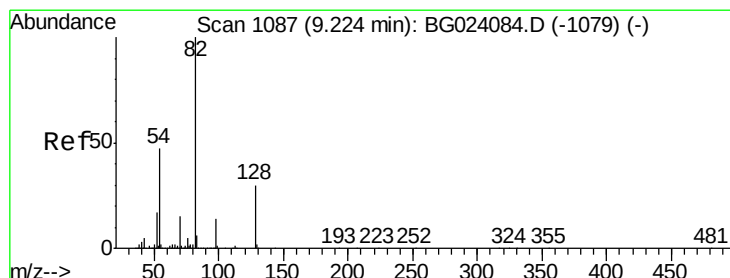
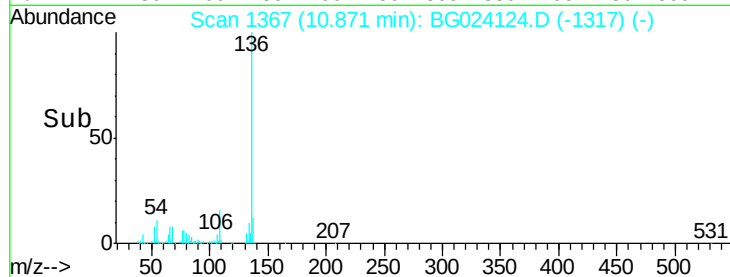
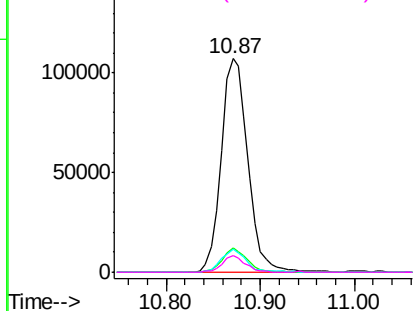
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.87 min Scan# 1367
Delta R.T. -0.00 min
Lab File: BG024124.D
Acq: 24 Sep 2016 14:34

Instrument :
BNA_G
ClientSampleId :
DUP

Tgt Ion:	136	Resp:	211106
Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.6	14.4
54	10.6	7.3	10.9
68	7.7	5.3	7.9

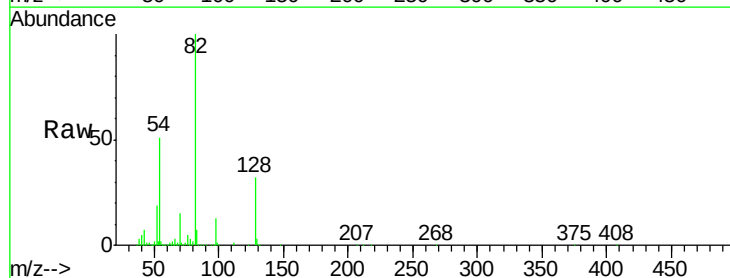


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

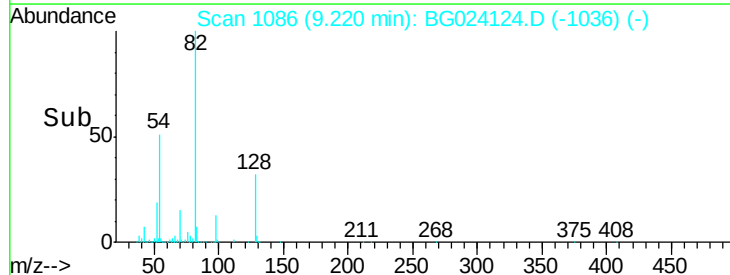
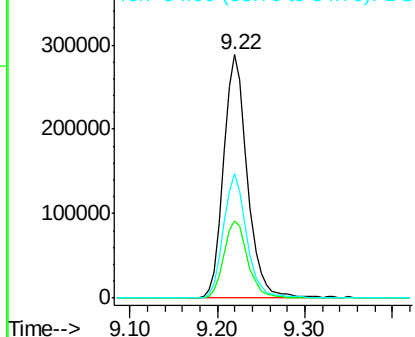


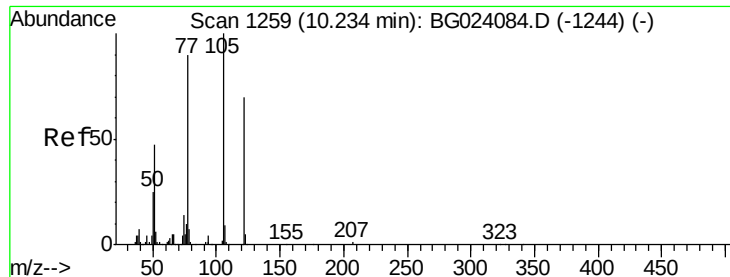
#23
Nitrobenzene-d5
Concen: 100.81 ng
RT: 9.22 min Scan# 1086
Delta R.T. -0.00 min
Lab File: BG024124.D
Acq: 24 Sep 2016 14:34

Tgt Ion:	82	Resp:	539968
Ion	Ratio	Lower	Upper
82	100		
128	31.7	24.4	36.6
54	51.0	41.4	62.0



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

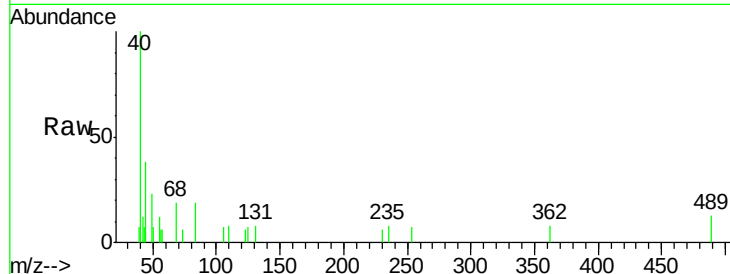




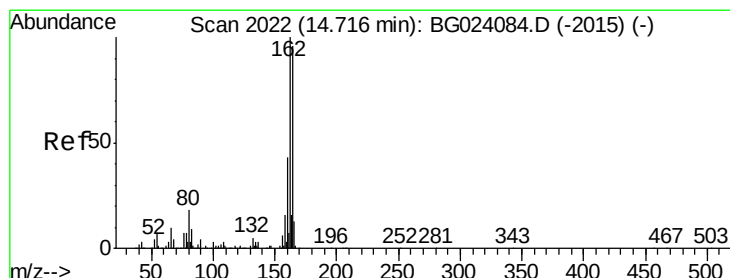
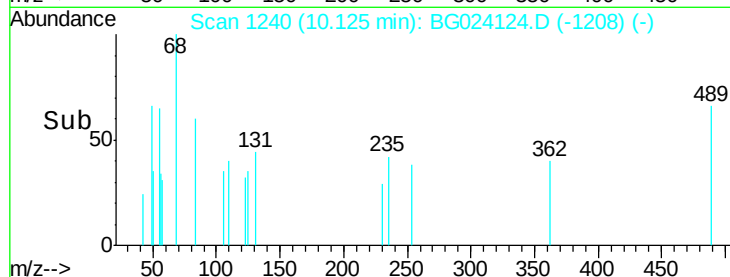
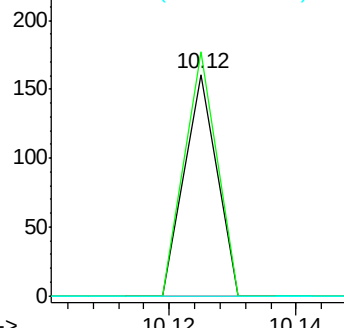
#32
Benzoic acid
Concen: 2.18 ng
RT: 10.12 min Scan# 1240
Delta R.T. -0.11 min
Lab File: BG024124.D
Acq: 24 Sep 2016 14:34

Instrument :
BNA_G
ClientSampleId :
DUP

Tgt Ion:122 Resp: 57
Ion Ratio Lower Upper
122 100
105 109.9 117.2 157.2#
77 0.0 109.2 149.2#

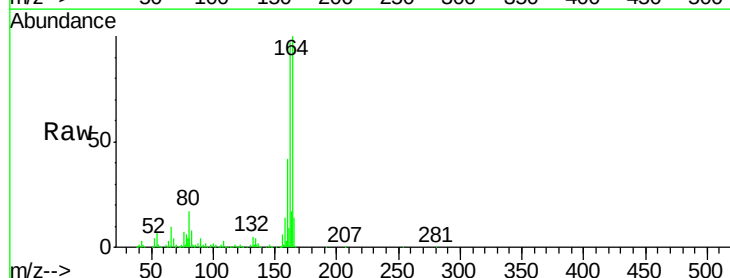


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BGC

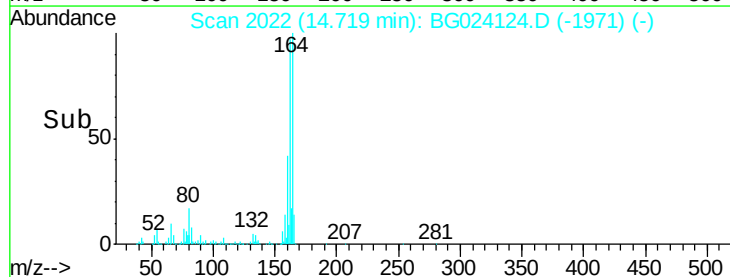
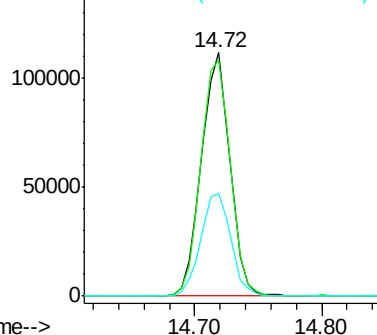


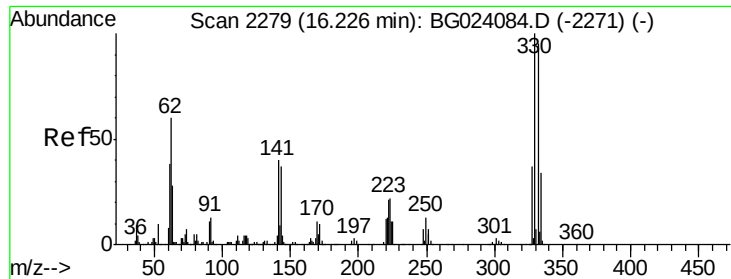
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.72 min Scan# 2022
Delta R.T. 0.00 min
Lab File: BG024124.D
Acq: 24 Sep 2016 14:34

Tgt Ion:164 Resp: 173502
Ion Ratio Lower Upper
164 100
162 96.7 87.7 131.5
160 42.0 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

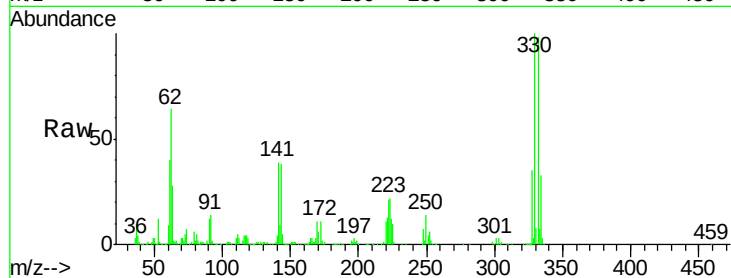




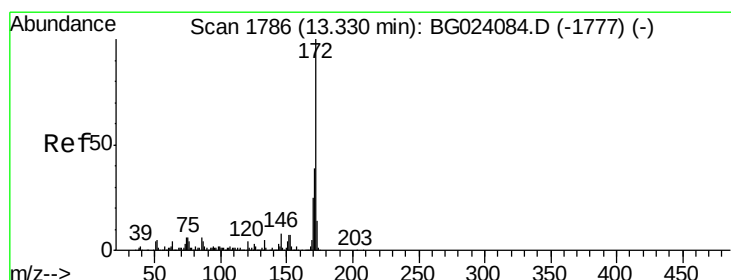
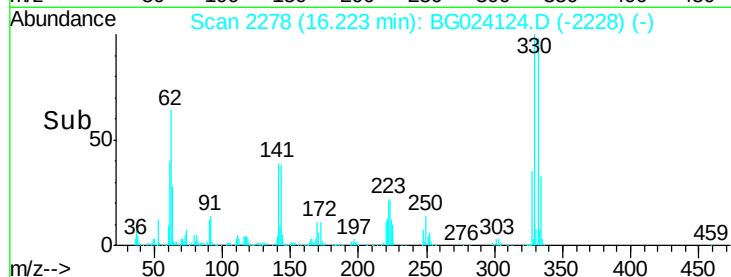
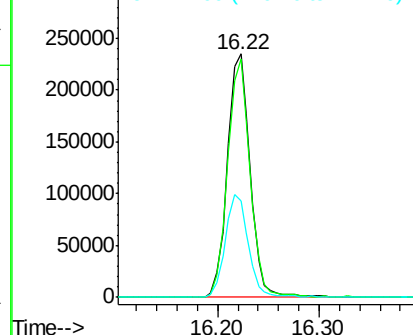
#41
 2,4,6-Tribromophenol
 Concen: 146.74 ng
 RT: 16.22 min Scan# 2278
 Delta R.T. -0.00 min
 Lab File: BG024124.D
 Acq: 24 Sep 2016 14:34

Instrument :
 BNA_G
 ClientSampleId :
 DUP

Tgt Ion:330 Resp: 365967
 Ion Ratio Lower Upper
 330 100
 332 96.2 77.4 116.2
 141 42.8 31.7 47.5

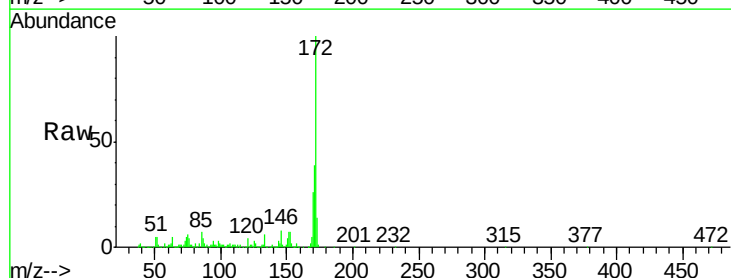


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

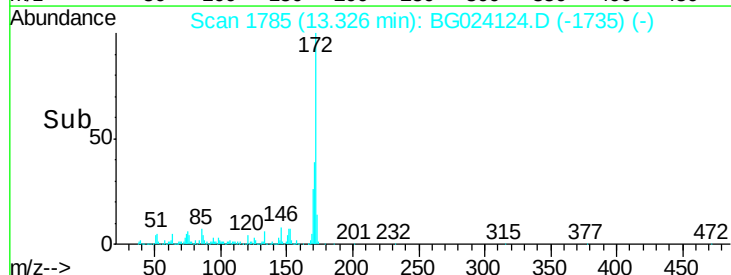
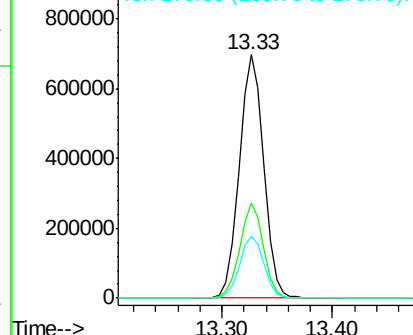


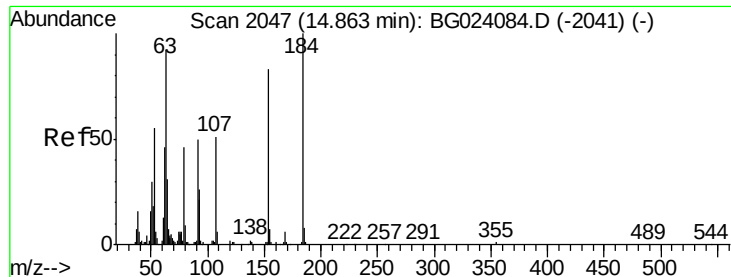
#44
 2-Fluorobiphenyl
 Concen: 104.87 ng
 RT: 13.33 min Scan# 1785
 Delta R.T. -0.00 min
 Lab File: BG024124.D
 Acq: 24 Sep 2016 14:34

Tgt Ion:172 Resp: 1082414
 Ion Ratio Lower Upper
 172 100
 171 39.1 31.6 47.4
 170 25.6 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

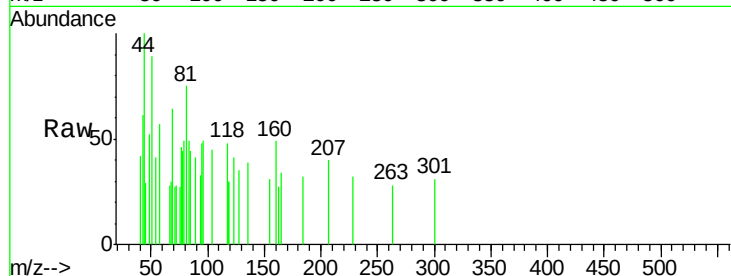




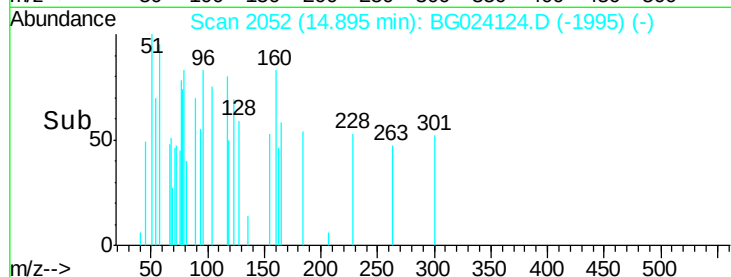
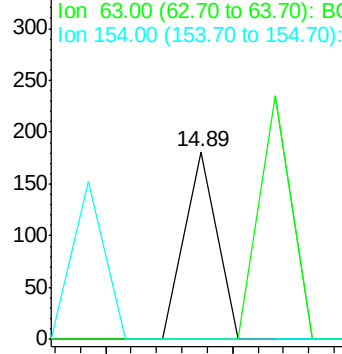
#53
2,4-Dinitrophenol
Concen: 2.49 ng
RT: 14.89 min Scan# 2052
Delta R.T. 0.03 min
Lab File: BG024124.D
Acq: 24 Sep 2016 14:34

Instrument :
BNA_G
ClientSampled :
DUP

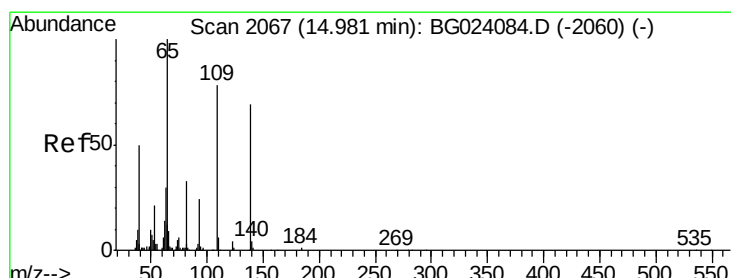
Tgt Ion:184 Resp: 64
Ion Ratio Lower Upper
184 100
63 0.0 59.6 89.4#
154 0.0 67.4 101.0#



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 154.00 (153.70 to 154.70): E

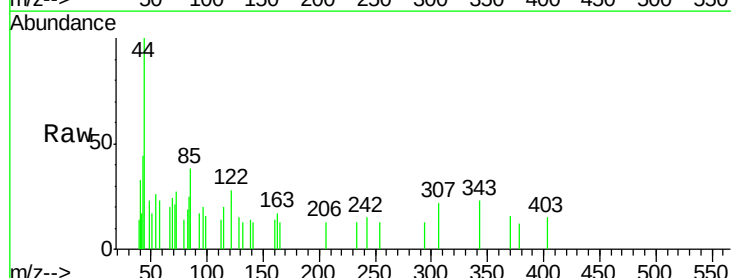


Time-->

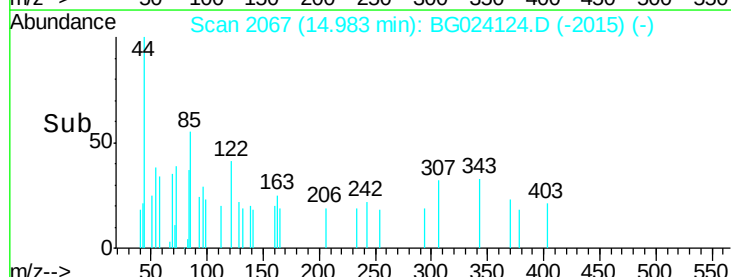
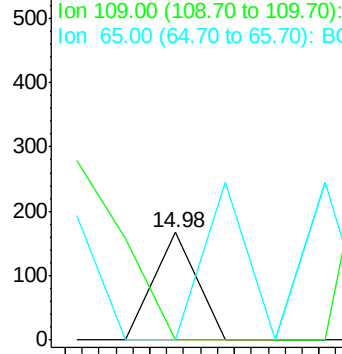


#55
4-Nitrophenol
Concen: 5.37 ng
RT: 14.98 min Scan# 2067
Delta R.T. 0.00 min
Lab File: BG024124.D
Acq: 24 Sep 2016 14:34

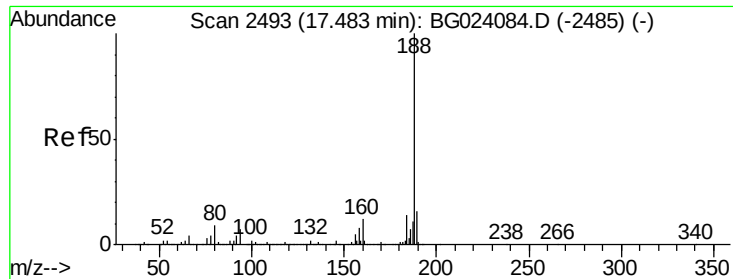
Tgt Ion:139 Resp: 59
Ion Ratio Lower Upper
139 100
109 0.0 103.0 143.0#
65 0.0 112.7 152.7#



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BG



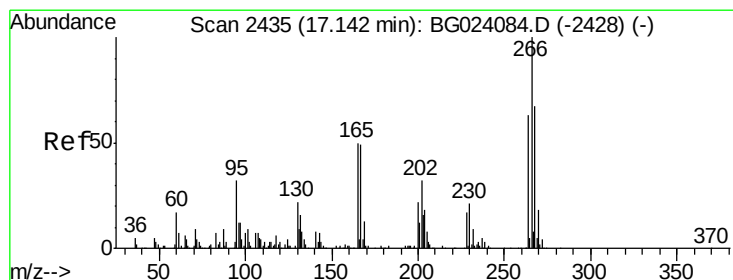
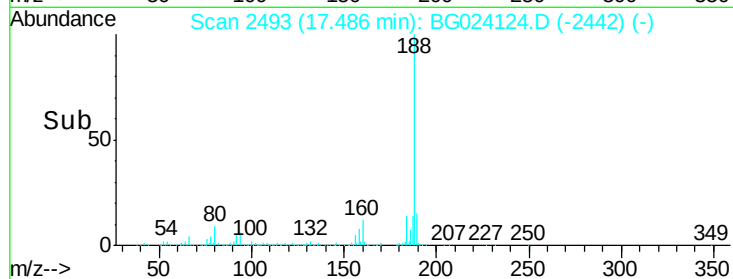
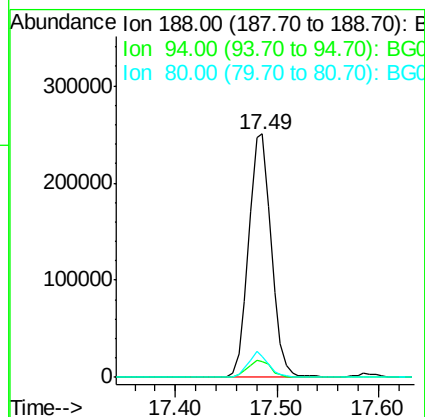
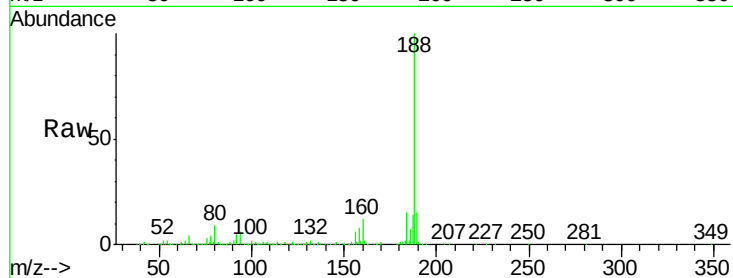
Time-->



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.49 min Scan# 2493
Delta R.T. 0.00 min
Lab File: BG024124.D
Acq: 24 Sep 2016 14:34

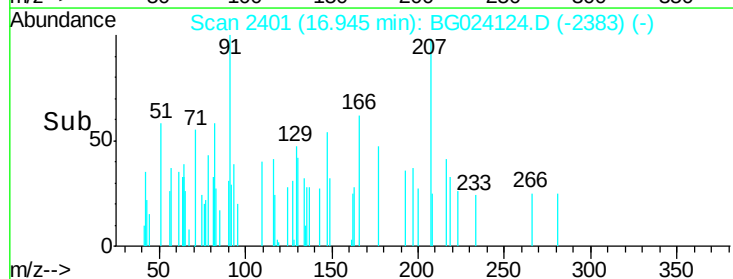
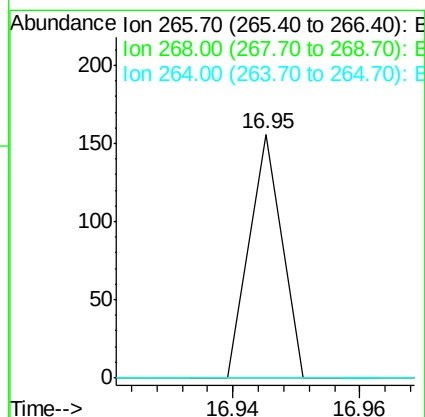
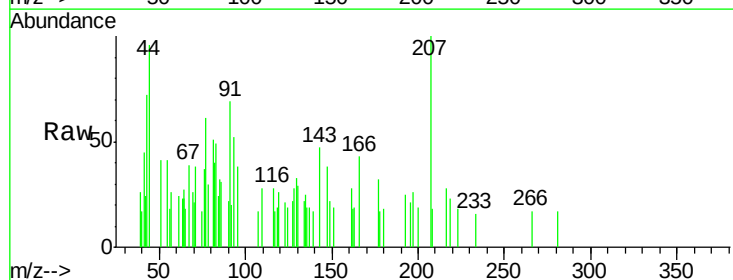
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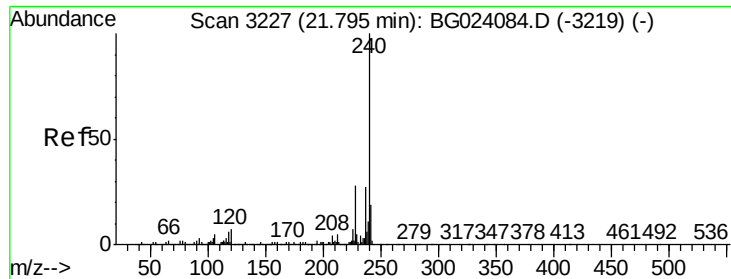
Tgt Ion:188 Resp: 388586
Ion Ratio Lower Upper
188 100
94 6.4 5.2 7.8
80 8.5 7.2 10.8



#69
Pentachlorophenol
Concen: 3.58 ng
RT: 16.95 min Scan# 2401
Delta R.T. -0.20 min
Lab File: BG024124.D
Acq: 24 Sep 2016 14:34

Tgt Ion:266 Resp: 55
Ion Ratio Lower Upper
266 100
268 0.0 51.9 77.9#
264 0.0 50.6 75.8#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.79 min Scan# 3226

Delta R.T. -0.00 min

Lab File: BG024124.D

Acq: 24 Sep 2016 14:34

Instrument :

BNA_G

ClientSampleId :

DUP

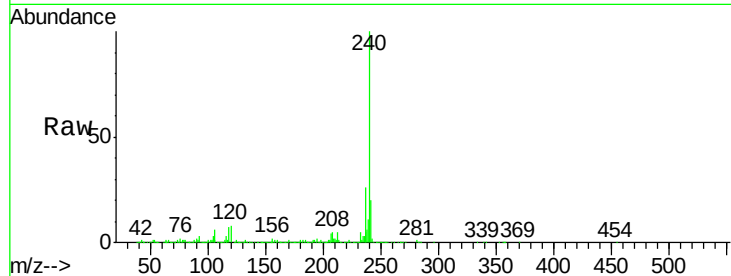
Tgt Ion:240 Resp: 416750

Ion Ratio Lower Upper

240 100

120 8.2 4.1 6.1#

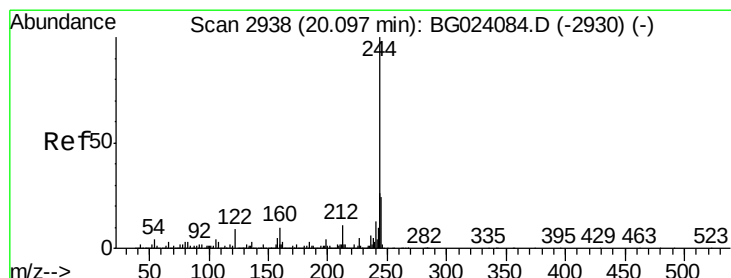
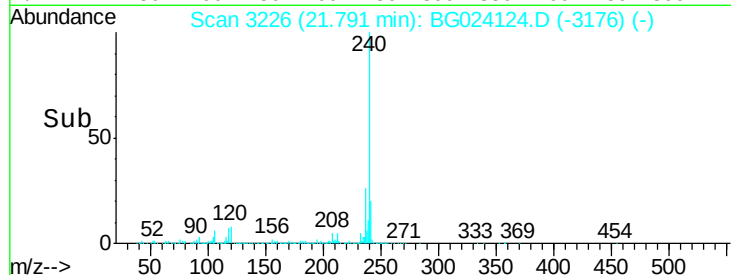
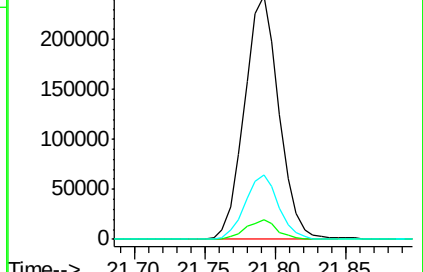
236 26.3 21.1 31.7



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: 75.28 ng

RT: 20.09 min Scan# 2937

Delta R.T. -0.00 min

Lab File: BG024124.D

Acq: 24 Sep 2016 14:34

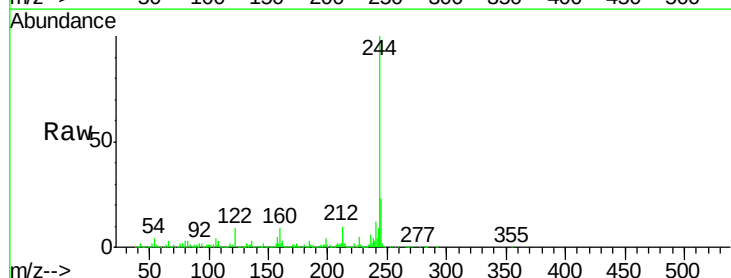
Tgt Ion:244 Resp: 1532070

Ion Ratio Lower Upper

244 100

212 10.2 10.8 16.2#

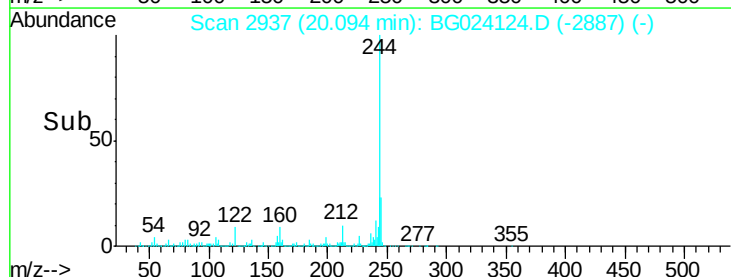
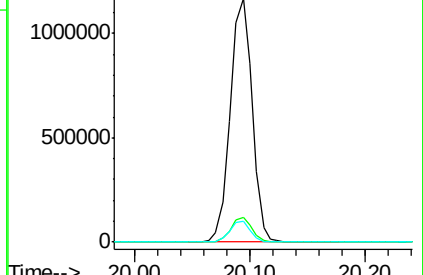
122 8.7 8.0 12.0

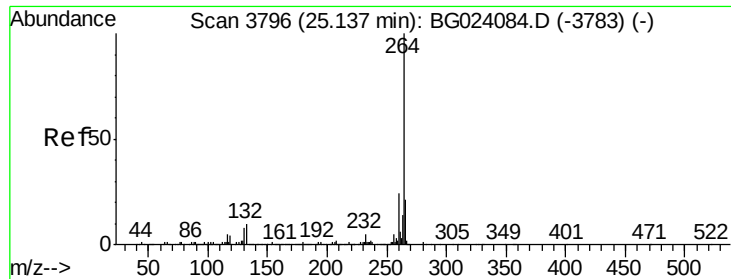


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

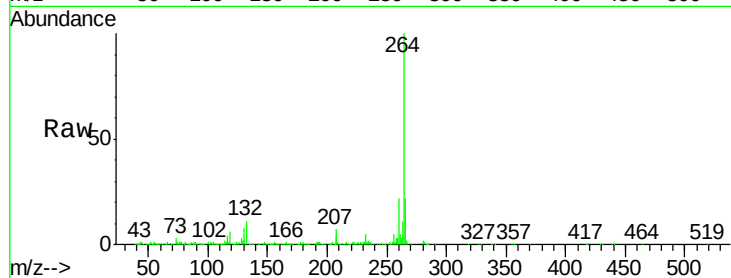




#86
Perylene-d12
Concen: 20.00 ng
RT: 25.13 min Scan# 3794
Delta R.T. -0.01 min
Lab File: BG024124.D
Acq: 24 Sep 2016 14:34

Instrument :
BNA_G
ClientSampleId :
DUP

Tgt Ion:	264	Resp:	408740
Ion	Ratio	Lower	Upper
264	100		
260	22.1	18.4	27.6
265	22.4	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

