

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG092316\
 Data File : BG024118.D
 Acq On : 24 Sep 2016 10:44
 Operator : UM/SJ
 Sample : H4902-02
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 FB-01-092116

Quant Time: Sep 26 00:49:34 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

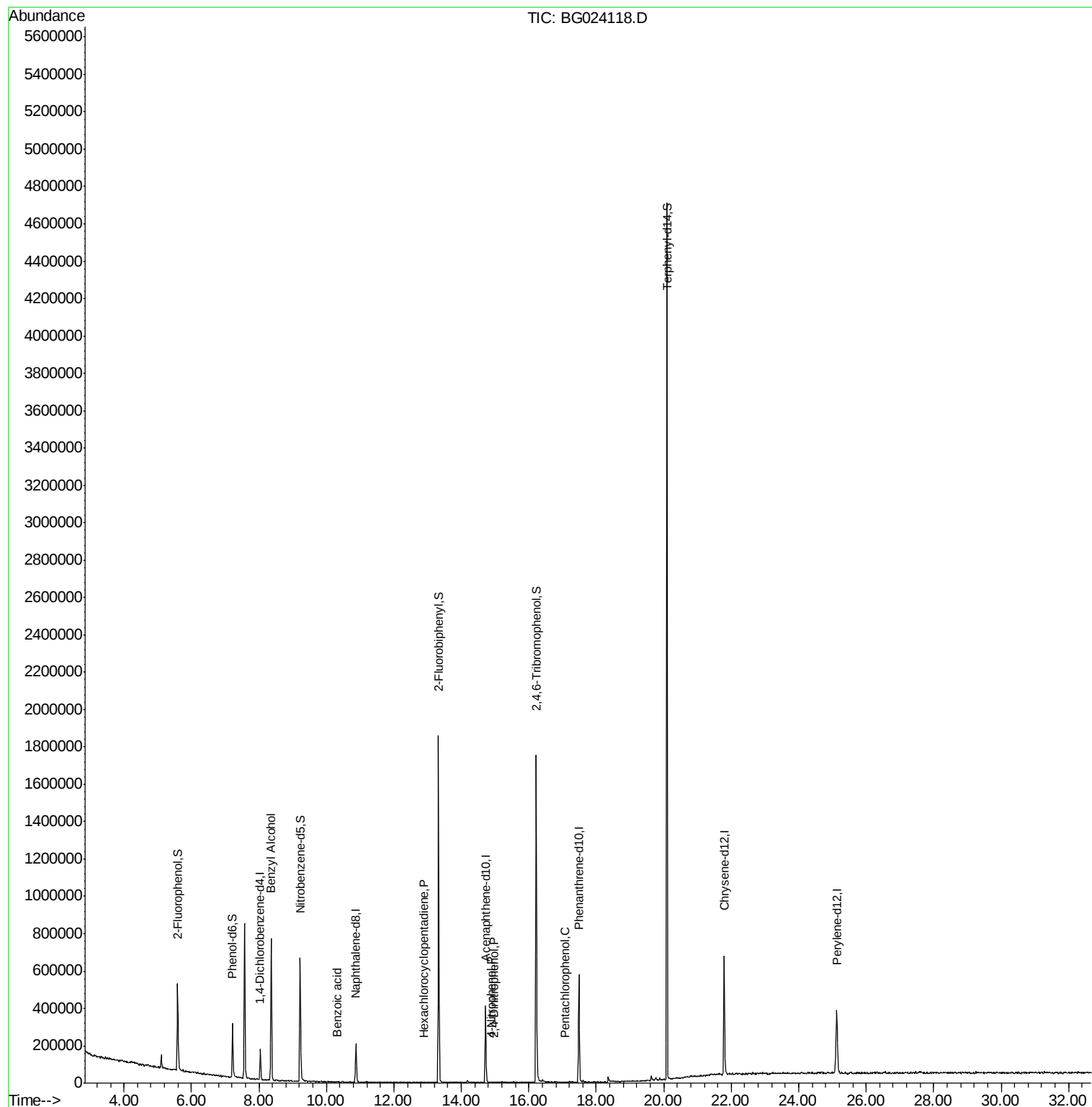
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	40074	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	178187	20.00	ng	0.00
38) Acenaphthene-d10	14.72	164	146826	20.00	ng	0.00
63) Phenanthrene-d10	17.49	188	366023	20.00	ng	0.00
75) Chrysene-d12	21.79	240	418866	20.00	ng	0.00
86) Perylene-d12	25.13	264	401722	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	195818	84.66	ng	0.00
7) Phenol-d6	7.22	99	185534	47.67	ng	0.00
23) Nitrobenzene-d5	9.22	82	452282	100.04	ng	0.00
41) 2,4,6-Tribromophenol	16.22	330	319024	151.16	ng	0.00
44) 2-Fluorobiphenyl	13.33	172	913626	104.60	ng	0.00
78) Terphenyl-d14	20.09	244	1779645	87.00	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.37	79	8147	2.16	ng	# 49
32) Benzoic acid	10.32	122	62	2.18	ng	# 1
40) Hexachlorocyclopentadiene	12.91	237	58	3.62	ng	# 26
53) 2,4-Dinitrophenol	14.98	184	59	2.50	ng	# 10
55) 4-Nitrophenol	14.89	139	57	5.37	ng	# 1
69) Pentachlorophenol	17.07	266	84	3.60	ng	# 18

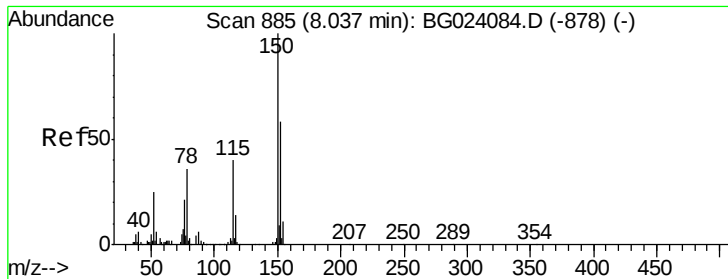
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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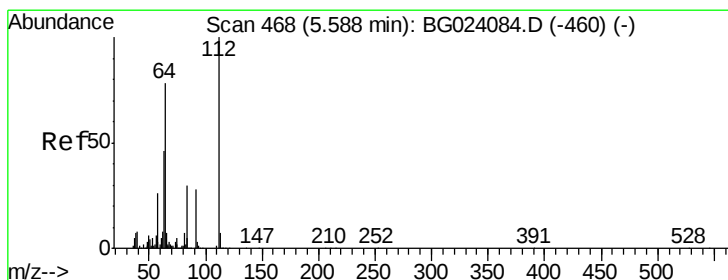
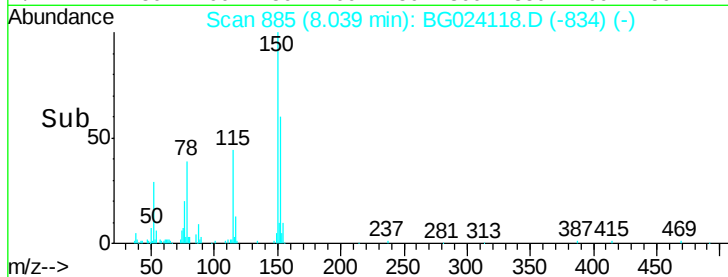
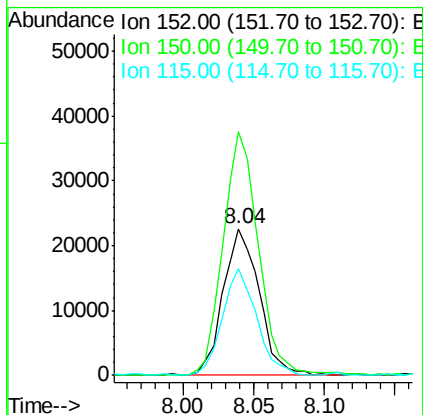
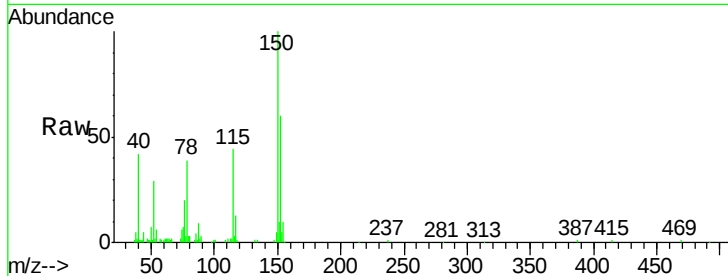


#1

1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 8.04 min Scan# 885
 Delta R.T. 0.00 min
 Lab File: BG024118.D
 Acq: 24 Sep 2016 10:44

Instrument :
 BNA_G
 ClientSampleId :
 FB-01-092116

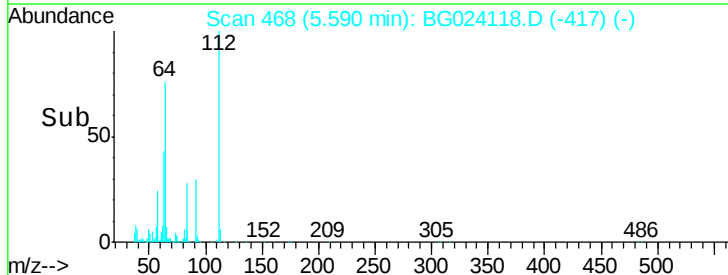
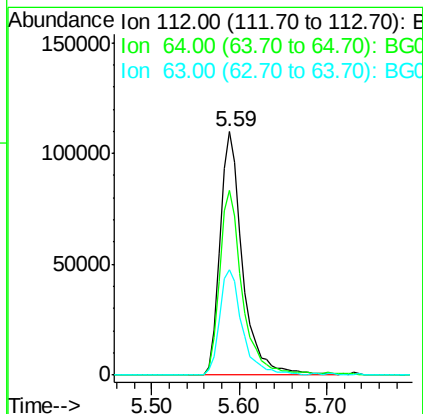
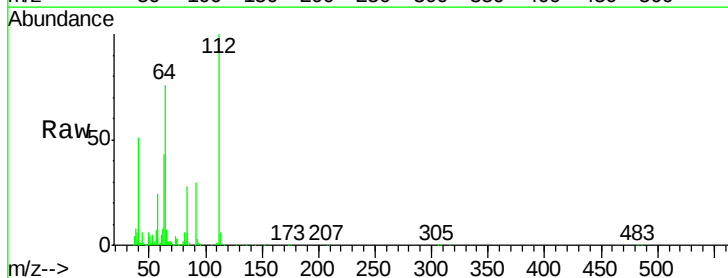
Tgt Ion:152 Resp: 40074
 Ion Ratio Lower Upper
 152 100
 150 165.8 144.7 217.1
 115 72.6 64.0 96.0

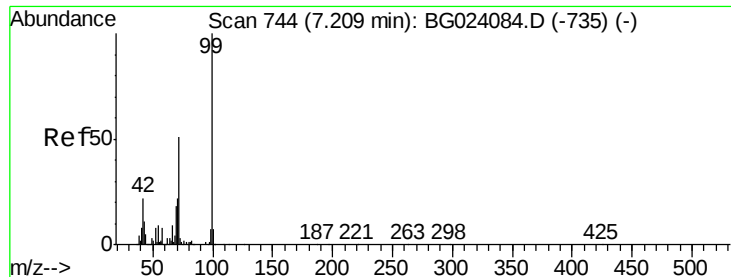


#5

2-Fluorophenol
 Concen: 84.66 ng
 RT: 5.59 min Scan# 468
 Delta R.T. 0.00 min
 Lab File: BG024118.D
 Acq: 24 Sep 2016 10:44

Tgt Ion:112 Resp: 195818
 Ion Ratio Lower Upper
 112 100
 64 75.7 59.0 88.4
 63 43.1 37.8 56.8





#7

Phenol-d6

Concen: 47.67 ng

RT: 7.22 min Scan# 745

Delta R.T. 0.01 min

Lab File: BG024118.D

Acq: 24 Sep 2016 10:44

Instrument :

BNA_G

ClientSampleId :

FB-01-092116

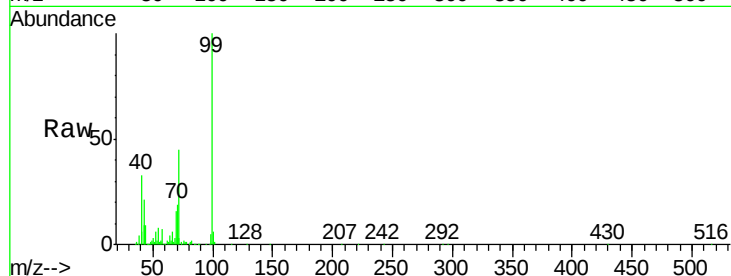
Tgt Ion: 99 Resp: 185534

Ion Ratio Lower Upper

99 100

42 21.0 17.8 26.6

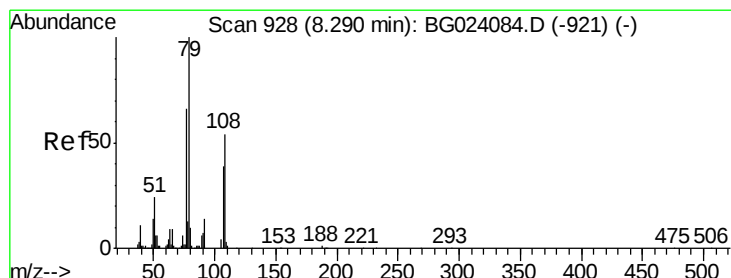
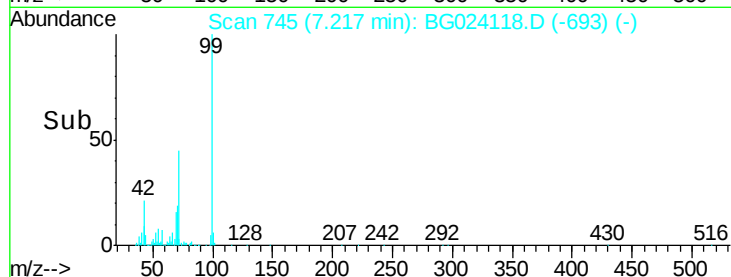
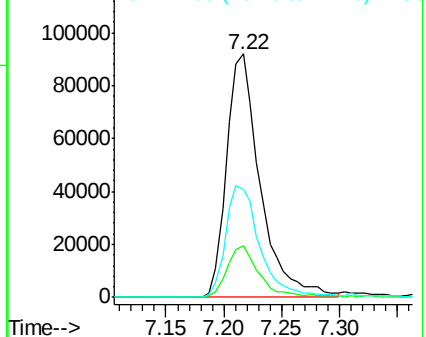
71 44.5 41.5 62.3



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: 2.16 ng

RT: 8.37 min Scan# 941

Delta R.T. 0.08 min

Lab File: BG024118.D

Acq: 24 Sep 2016 10:44

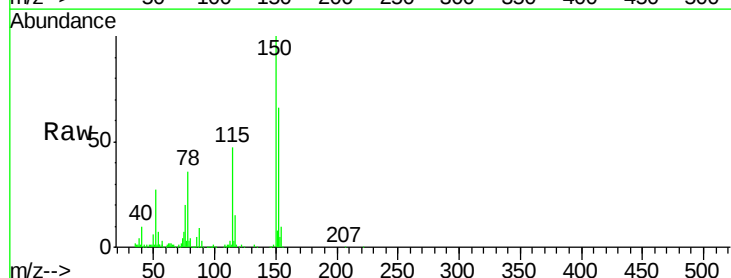
Tgt Ion: 79 Resp: 8147

Ion Ratio Lower Upper

79 100

108 22.8 46.5 69.7#

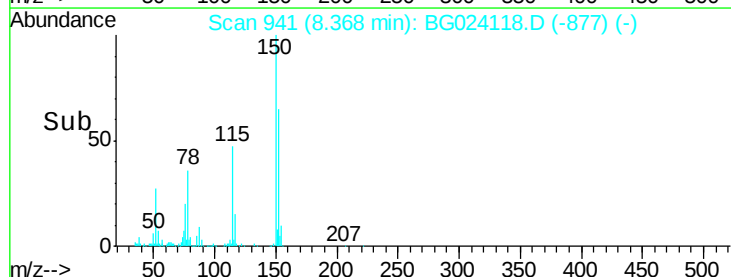
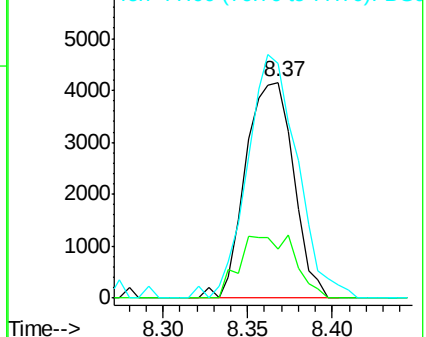
77 108.7 52.3 78.5#

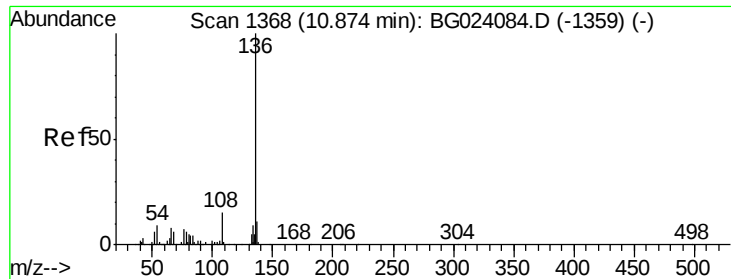


Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

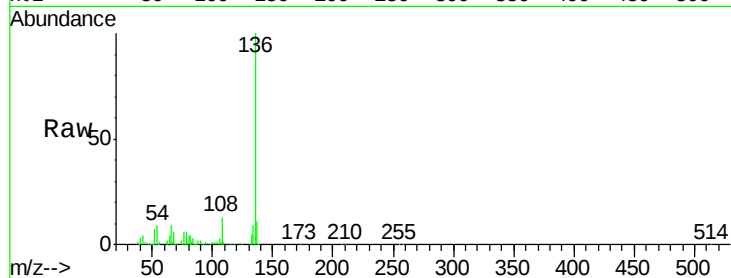




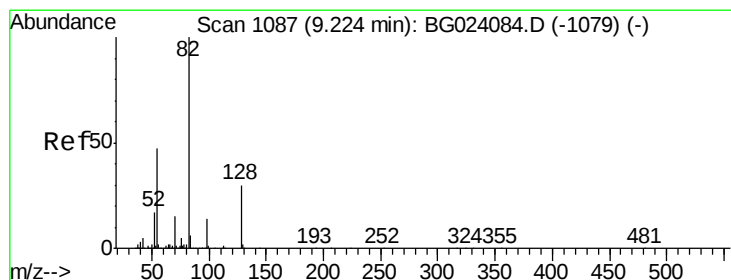
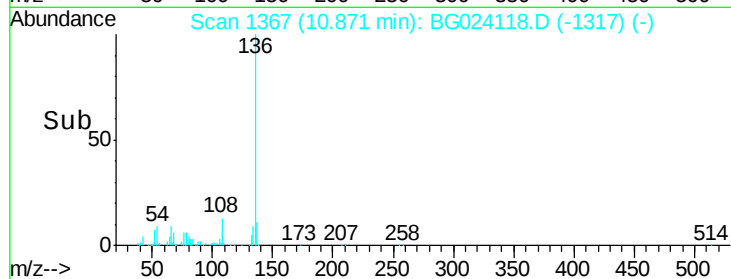
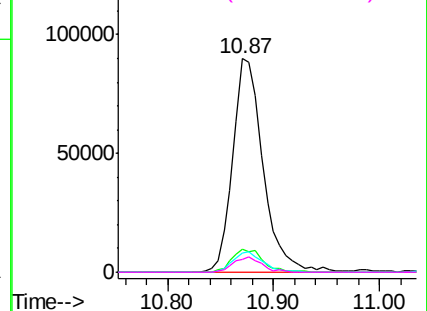
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.87 min Scan# 1367
Delta R.T. -0.00 min
Lab File: BG024118.D
Acq: 24 Sep 2016 10:44

Instrument :
BNA_G
ClientSampleId :
FB-01-092116

Tgt Ion:	136	Resp:	178187
Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.6	14.4
54	9.0	7.3	10.9
68	6.2	5.3	7.9

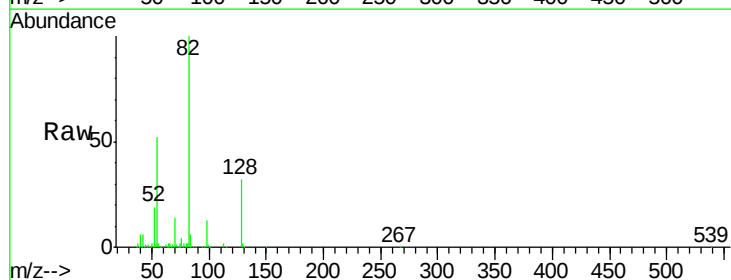


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

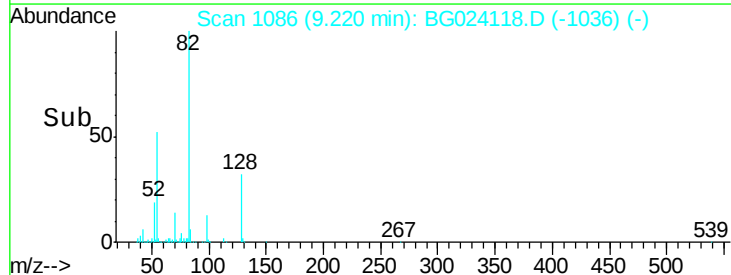
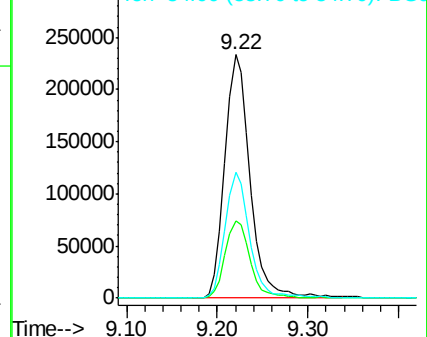


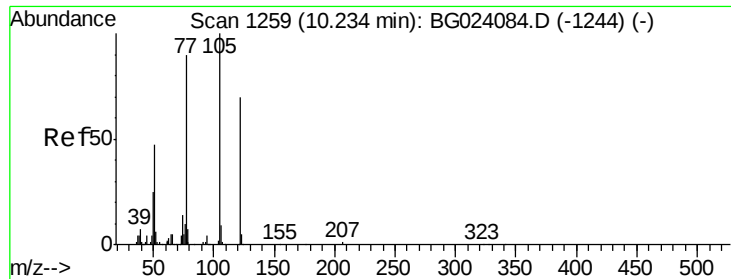
#23
Nitrobenzene-d5
Concen: 100.04 ng
RT: 9.22 min Scan# 1086
Delta R.T. -0.00 min
Lab File: BG024118.D
Acq: 24 Sep 2016 10:44

Tgt Ion:	82	Resp:	452282
Ion	Ratio	Lower	Upper
82	100		
128	31.8	24.4	36.6
54	51.7	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: 10.32 min Scan# 1274

Delta R.T. 0.09 min

Lab File: BG024118.D

Acq: 24 Sep 2016 10:44

Instrument :

BNA_G

ClientSampleId :

FB-01-092116

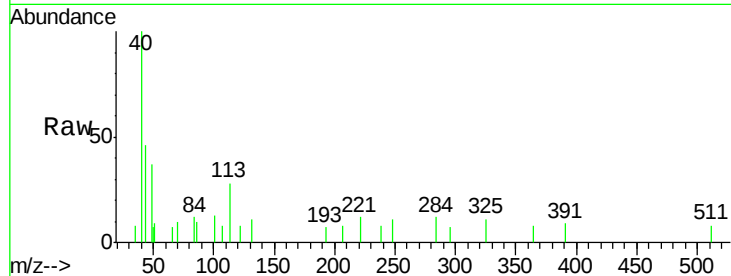
Tgt Ion:122 Resp: 62

Ion Ratio Lower Upper

122 100

105 0.0 117.2 157.2#

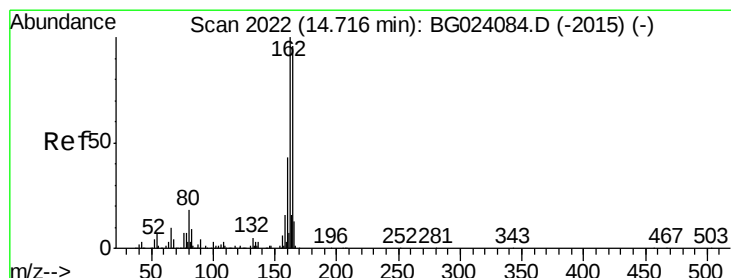
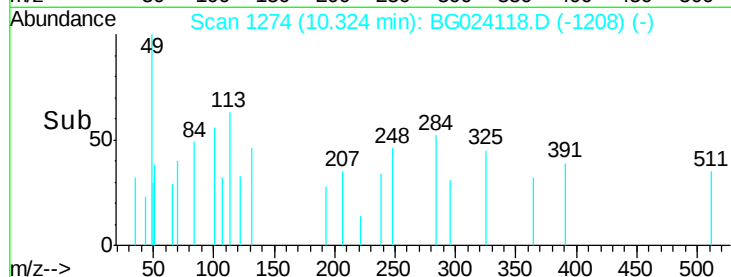
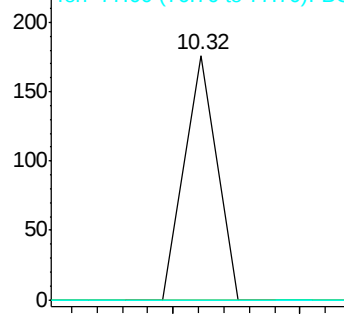
77 0.0 109.2 149.2#



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: BG024118.D

Acq: 24 Sep 2016 10:44

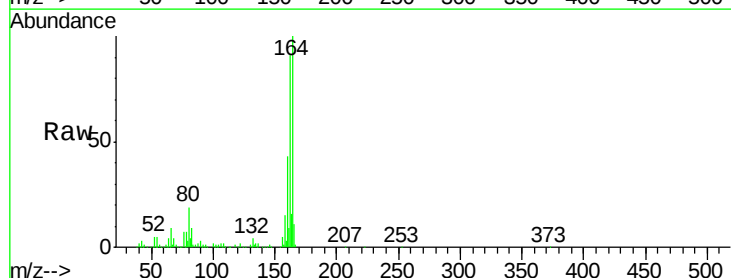
Tgt Ion:164 Resp: 146826

Ion Ratio Lower Upper

164 100

162 91.0 87.7 131.5

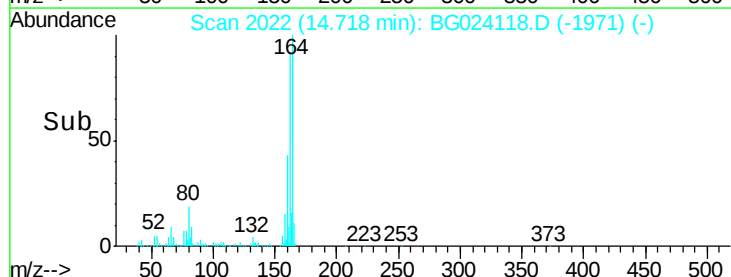
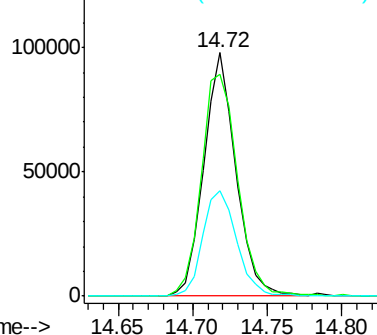
160 43.1 37.2 55.8

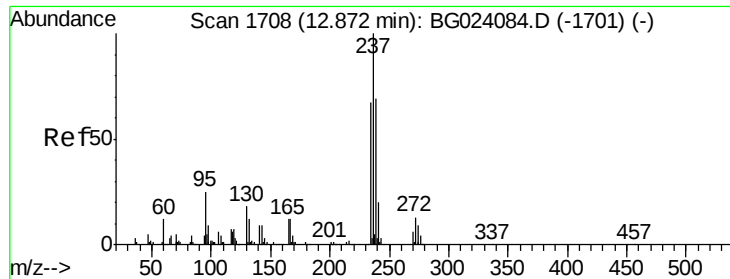


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#40

Hexachlorocyclopentadiene

Concen: 3.62 ng

RT: 12.91 min Scan# 1714

Delta R.T. 0.04 min

Lab File: BG024118.D

Acq: 24 Sep 2016 10:44

Instrument :

BNA_G

ClientSampleId :

FB-01-092116

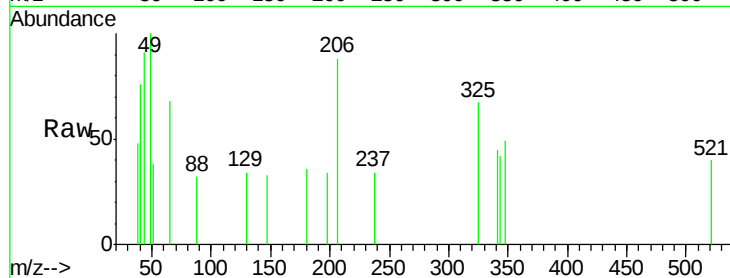
Tgt Ion: 237 Resp: 58

Ion Ratio Lower Upper

237 100

235 0.0 43.1 83.1#

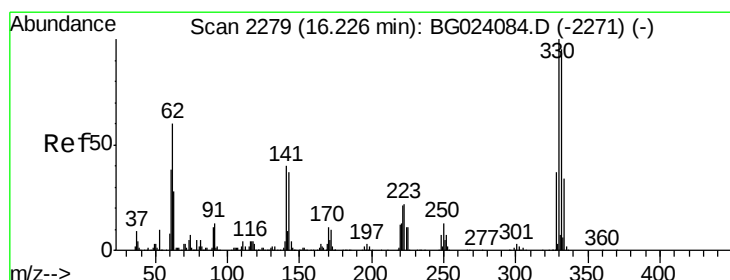
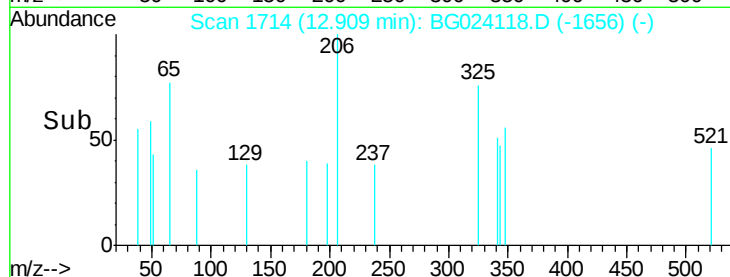
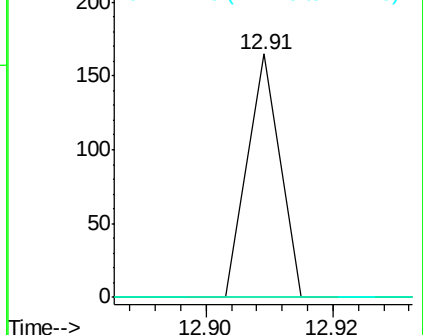
272 0.0 0.0 30.9



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: 151.16 ng

RT: 16.22 min Scan# 2278

Delta R.T. -0.00 min

Lab File: BG024118.D

Acq: 24 Sep 2016 10:44

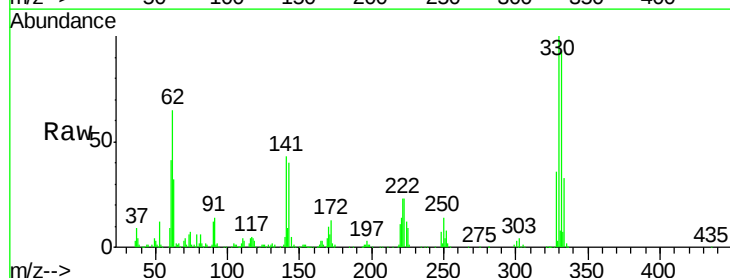
Tgt Ion: 330 Resp: 319024

Ion Ratio Lower Upper

330 100

332 95.8 77.4 116.2

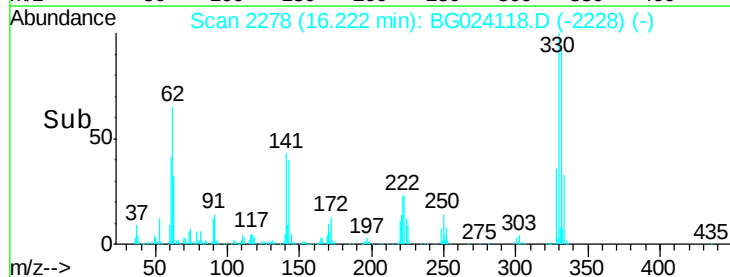
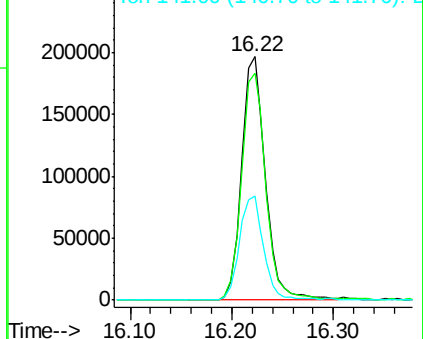
141 43.3 31.7 47.5

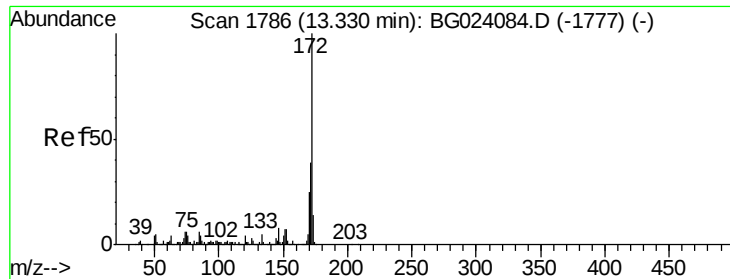


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 104.60 ng

RT: 13.33 min Scan# 1785

Delta R.T. -0.00 min

Lab File: BG024118.D

Acq: 24 Sep 2016 10:44

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BNA_G

ClientSampleId :

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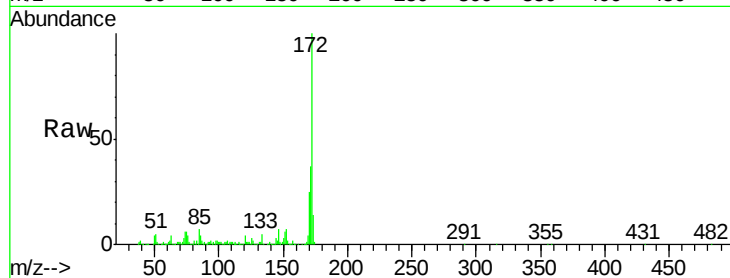
Tgt Ion:172 Resp: 913626

Ion Ratio Lower Upper

172 100

171 36.8 31.6 47.4

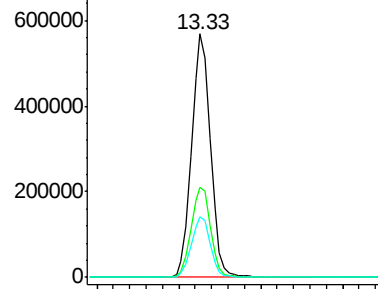
170 25.1 21.3 31.9



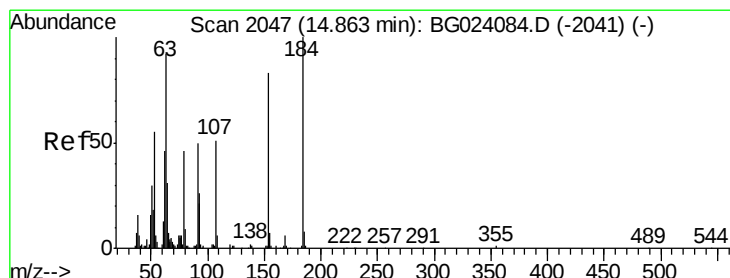
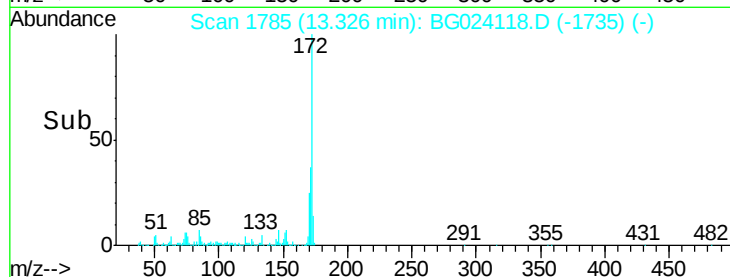
Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



Time--> 13.20 13.30 13.40 13.50



#53

2,4-Dinitrophenol

Concen: 2.50 ng

RT: 14.98 min Scan# 2066

Delta R.T. 0.11 min

Lab File: BG024118.D

Acq: 24 Sep 2016 10:44

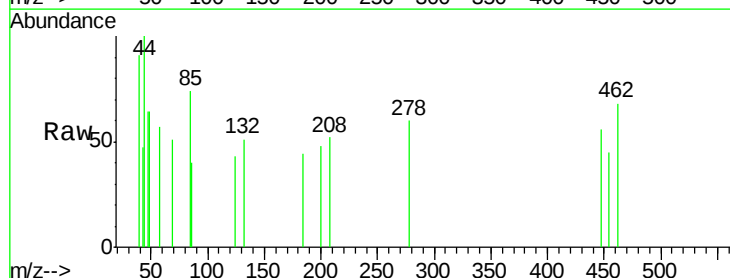
Tgt Ion:184 Resp: 59

Ion Ratio Lower Upper

184 100

63 0.0 59.6 89.4#

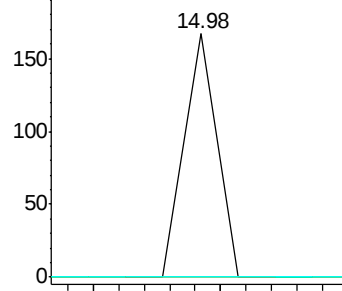
154 0.0 67.4 101.0#



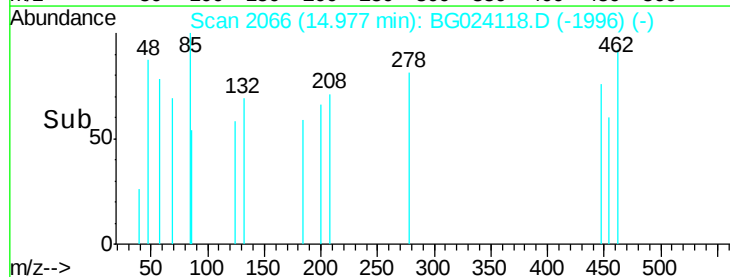
Abundance Ion 184.00 (183.70 to 184.70): E

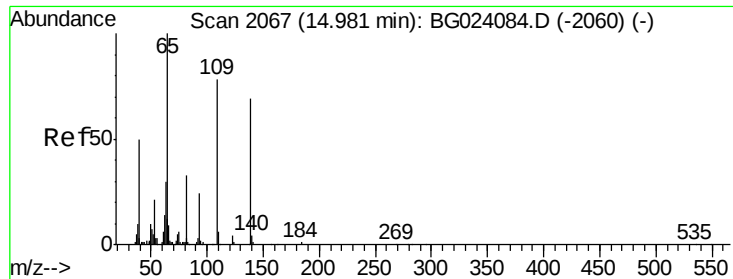
Ion 63.00 (62.70 to 63.70): BG0

Ion 154.00 (153.70 to 154.70): E



Time--> 14.96 14.98

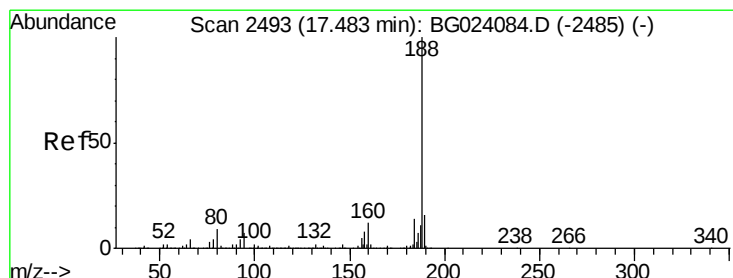
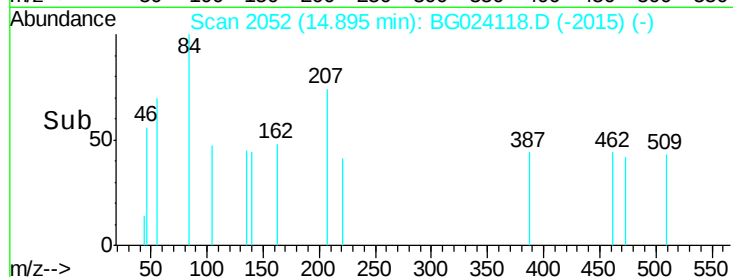
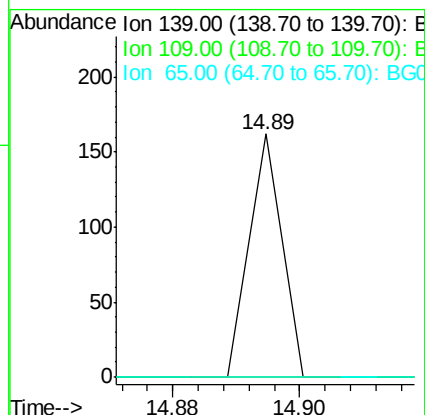
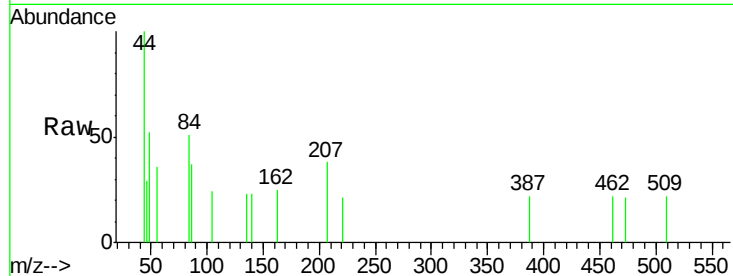




#55
4-Nitrophenol
Concen: 5.37 ng
RT: 14.89 min Scan# 2052
Delta R.T. -0.09 min
Lab File: BG024118.D
Acq: 24 Sep 2016 10:44

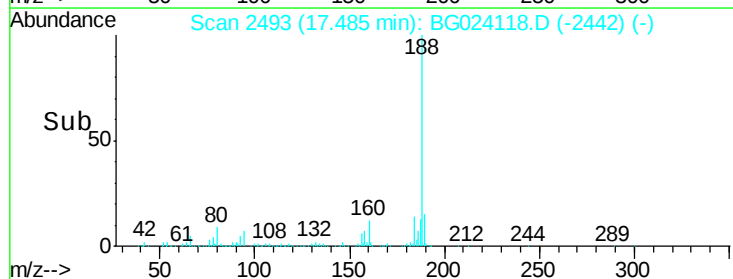
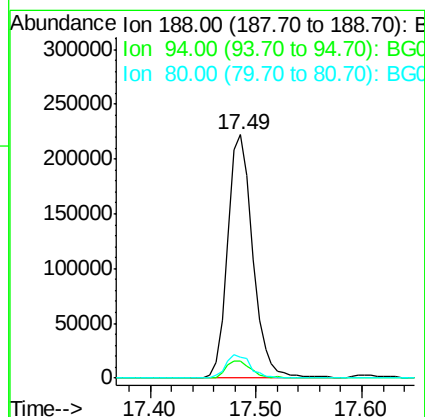
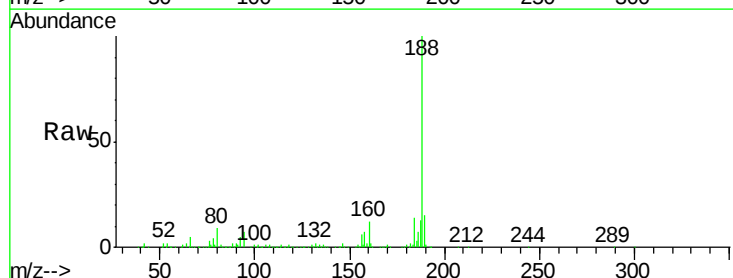
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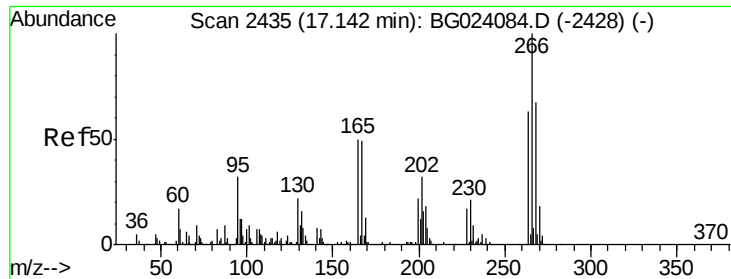
Tgt Ion:139 Resp: 57
Ion Ratio Lower Upper
139 100
109 0.0 103.0 143.0#
65 0.0 112.7 152.7#



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.49 min Scan# 2493
Delta R.T. 0.00 min
Lab File: BG024118.D
Acq: 24 Sep 2016 10:44

Tgt Ion:188 Resp: 366023
Ion Ratio Lower Upper
188 100
94 6.9 5.2 7.8
80 8.6 7.2 10.8

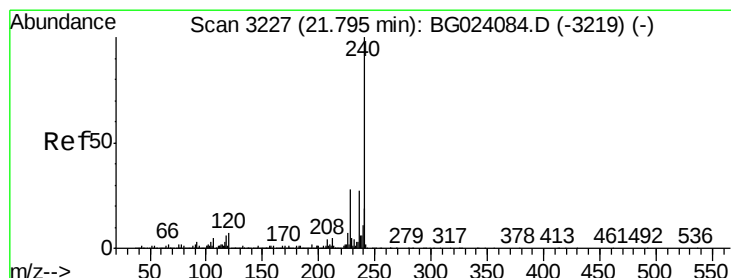
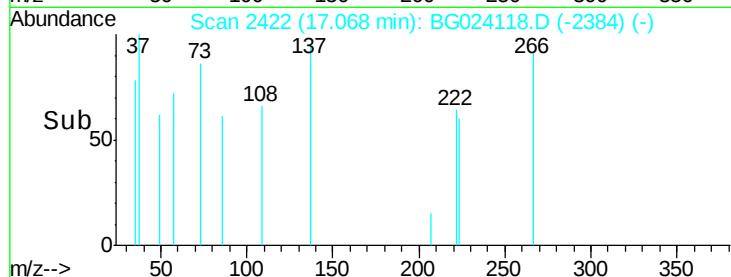
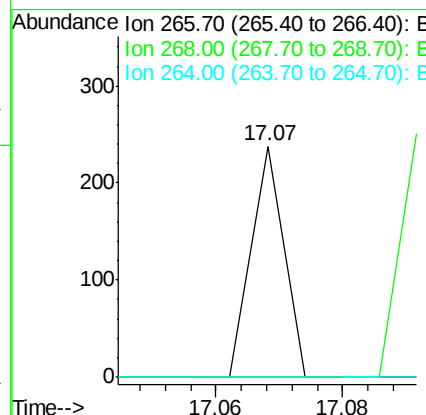
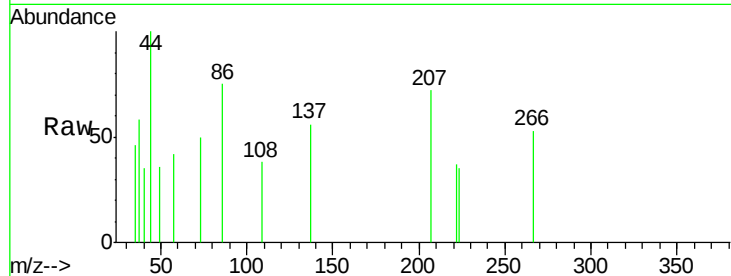




#69
 Pentachlorophenol
 Concen: 3.60 ng
 RT: 17.07 min Scan# 2422
 Delta R.T. -0.07 min
 Lab File: BG024118.D
 Acq: 24 Sep 2016 10:44

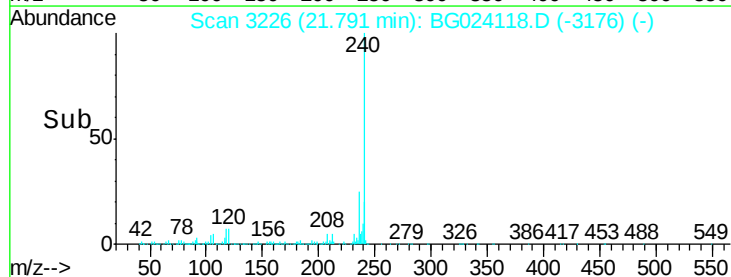
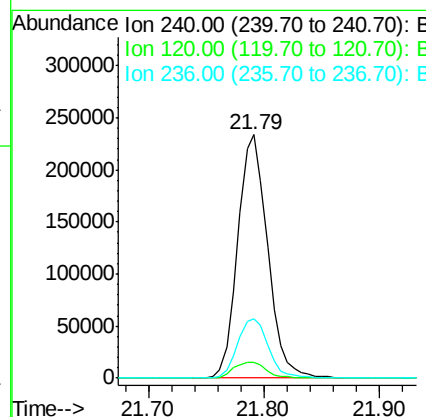
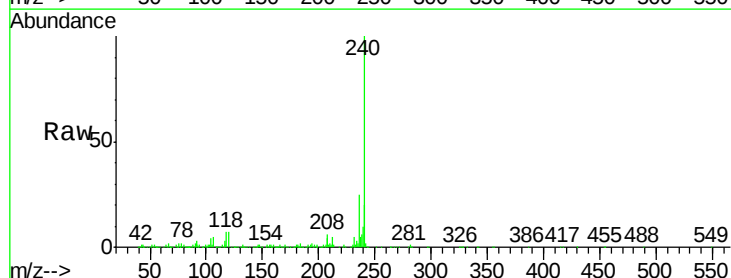
Instrument :
 BNA_G
 ClientSampleId :
 FB-01-092116

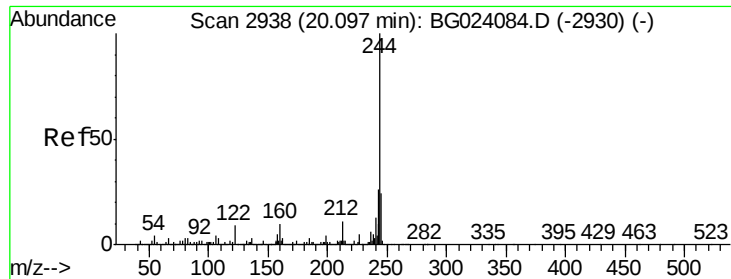
Tgt Ion: 266 Resp: 84
 Ion Ratio Lower Upper
 266 100
 268 0.0 51.9 77.9#
 264 0.0 50.6 75.8#



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.79 min Scan# 3226
 Delta R.T. -0.00 min
 Lab File: BG024118.D
 Acq: 24 Sep 2016 10:44

Tgt Ion: 240 Resp: 418866
 Ion Ratio Lower Upper
 240 100
 120 6.6 4.1 6.1#
 236 24.6 21.1 31.7





#78

Terphenyl-d14

Concen: 87.00 ng

RT: 20.09 min Scan# 2937

Delta R.T. -0.00 min

Lab File: BG024118.D

Acq: 24 Sep 2016 10:44

Instrument :

BNA_G

ClientSampleId :

FB-01-092116

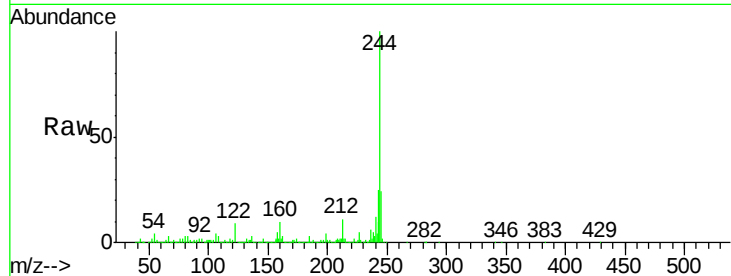
Tgt Ion:244 Resp: 1779645

Ion Ratio Lower Upper

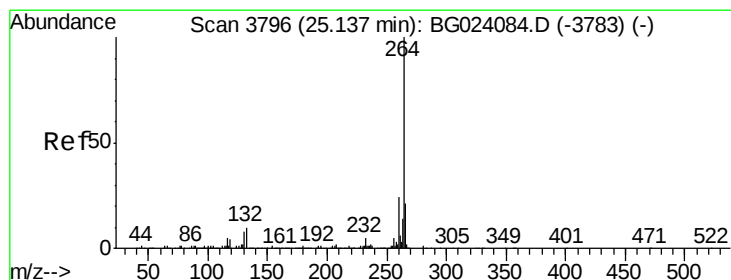
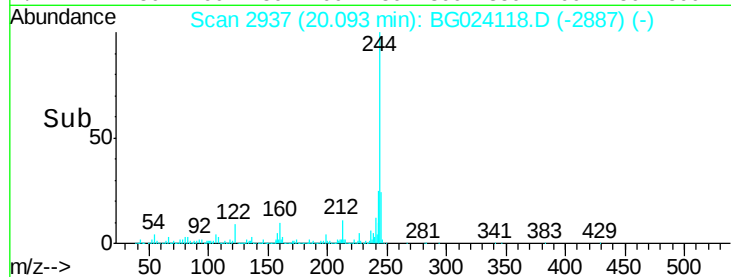
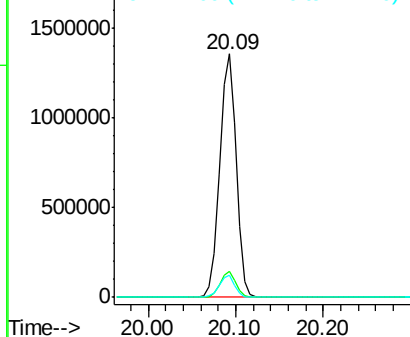
244 100

212 10.8 10.8 16.2#

122 9.0 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: BG024118.D

Acq: 24 Sep 2016 10:44

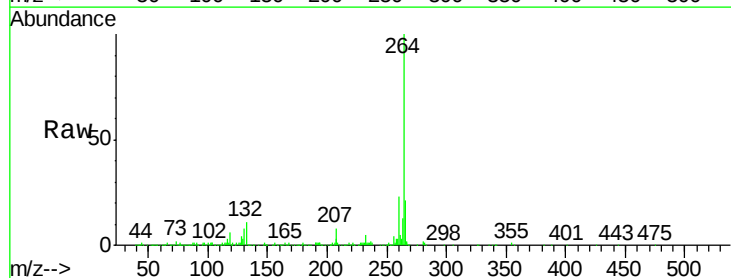
Tgt Ion:264 Resp: 401722

Ion Ratio Lower Upper

264 100

260 22.7 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

