

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG092316\
 Data File : BG024116.D
 Acq On : 24 Sep 2016 9:28
 Operator : UM/SJ
 Sample : H4893-07
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LIP-12

Quant Time: Sep 26 00:49:11 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

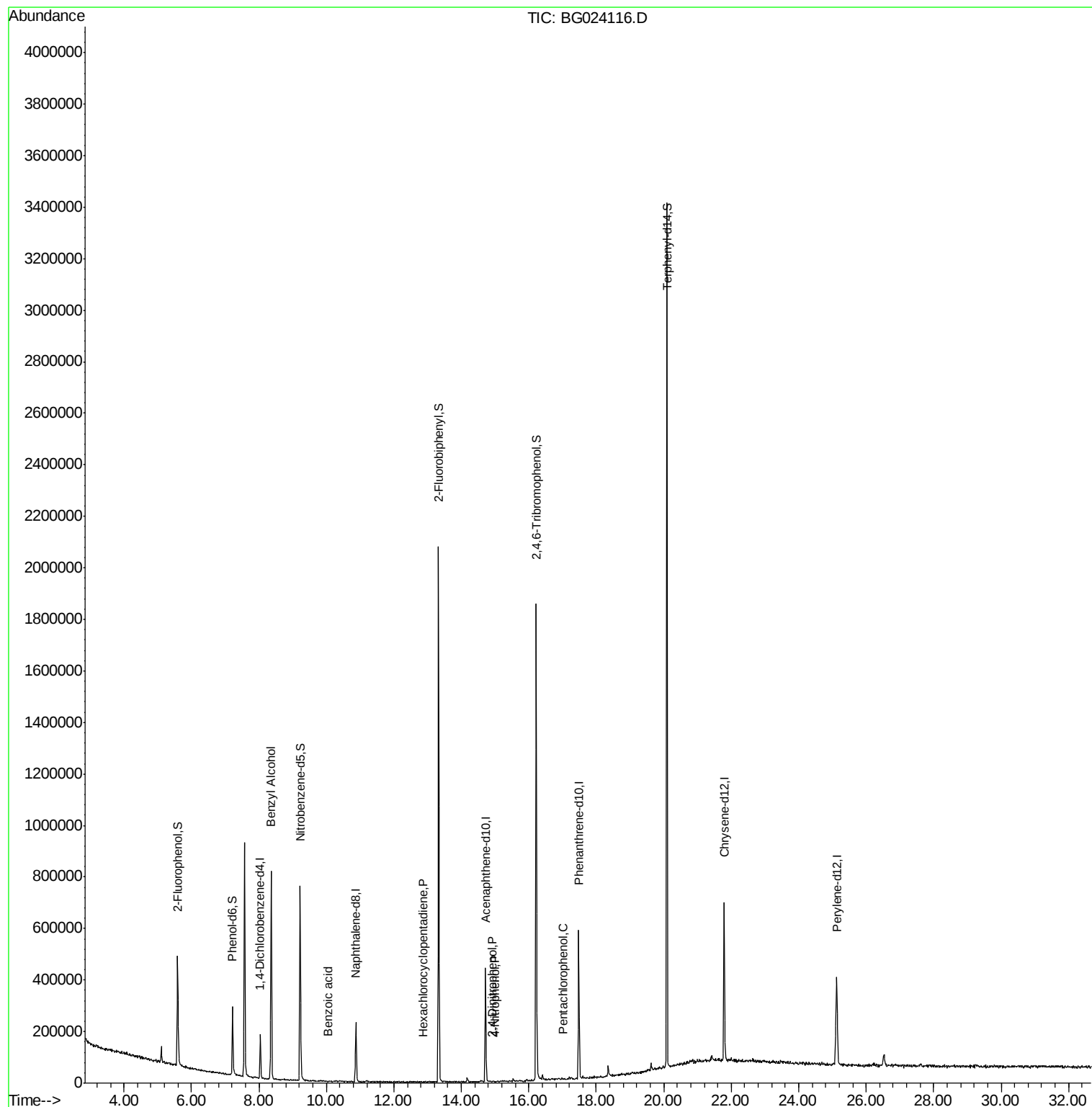
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	41398	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	193233	20.00	ng	0.00
38) Acenaphthene-d10	14.72	164	152234	20.00	ng	0.00
63) Phenanthrene-d10	17.49	188	360017	20.00	ng	0.00
75) Chrysene-d12	21.79	240	397542	20.00	ng	0.00
86) Perylene-d12	25.12	264	389515	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	180051	75.35	ng	0.00
7) Phenol-d6	7.22	99	169529	42.16	ng	0.00
23) Nitrobenzene-d5	9.22	82	501413	102.27	ng	0.00
41) 2,4,6-Tribromophenol	16.22	330	332610	152.00	ng	0.00
44) 2-Fluorobiphenyl	13.33	172	1000744	110.50	ng	0.00
78) Terphenyl-d14	20.09	244	1404895	72.36	ng	0.00
Target Compounds						Qvalue
15) Benzyl Alcohol	8.36	79	8581	2.21	ng	# 52
32) Benzoic acid	10.04	122	78	2.19	ng	# 1
40) Hexachlorocyclopentadiene	12.87	237	53	3.62	ng	# 26
53) 2,4-Dinitrophenol	14.90	184	108	2.53	ng	# 44
55) 4-Nitrophenol	14.99	139	84	5.39	ng	# 1
69) Pentachlorophenol	17.02	266	82	3.60	ng	# 18

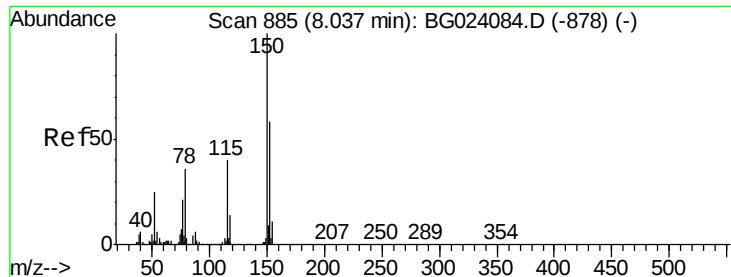
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG024116.D

Acq: 24 Sep 2016 9:28

Instrument :

BNA_G

ClientSampleId :

LIP-12

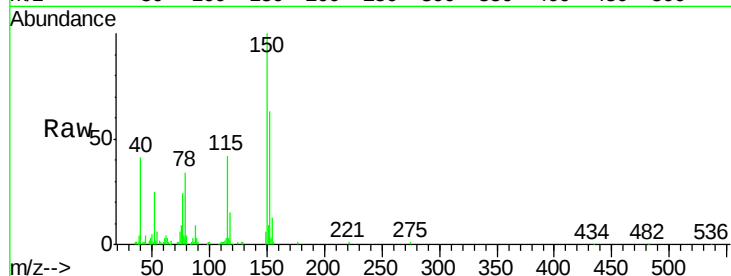
Tgt Ion:152 Resp: 41398

Ion Ratio Lower Upper

152 100

150 158.5 144.7 217.1

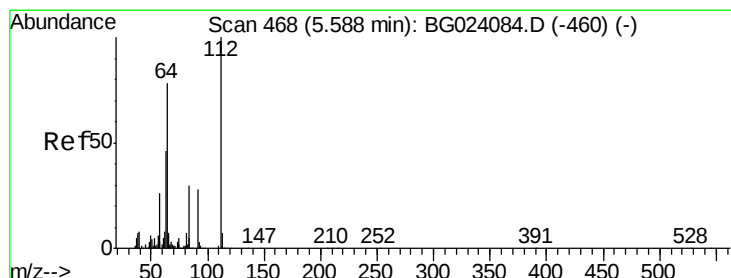
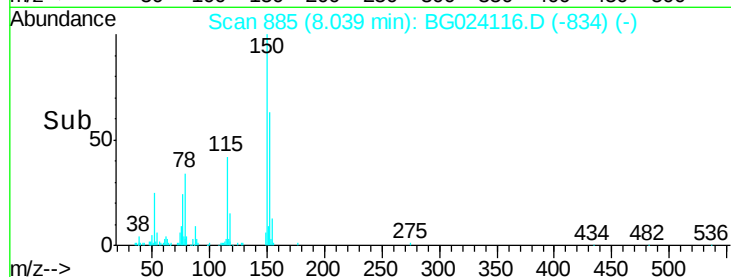
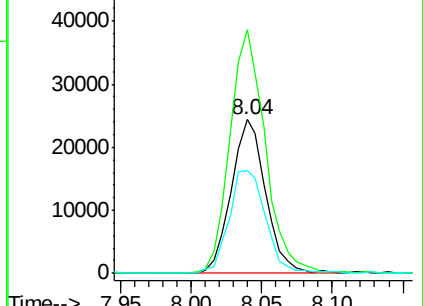
115 66.6 64.0 96.0



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: 75.35 ng

RT: 5.59 min Scan# 468

Delta R.T. 0.00 min

Lab File: BG024116.D

Acq: 24 Sep 2016 9:28

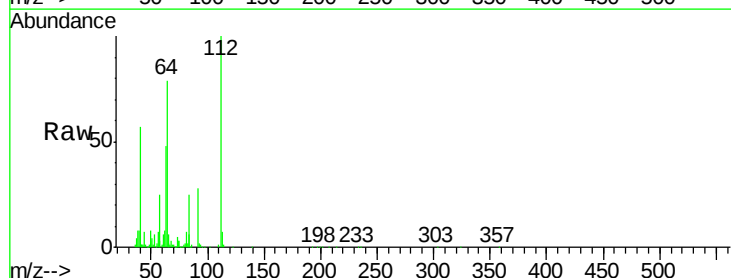
Tgt Ion:112 Resp: 180051

Ion Ratio Lower Upper

112 100

64 79.1 59.0 88.4

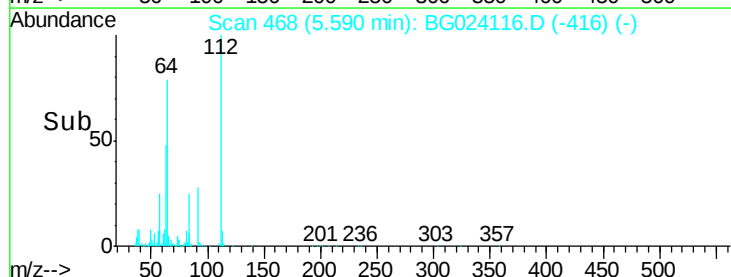
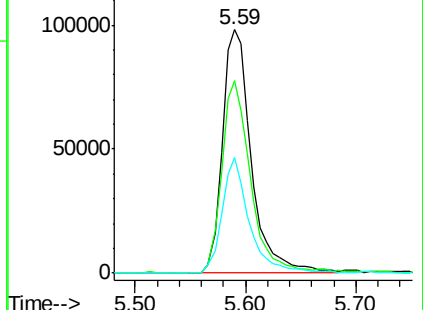
63 47.6 37.8 56.8

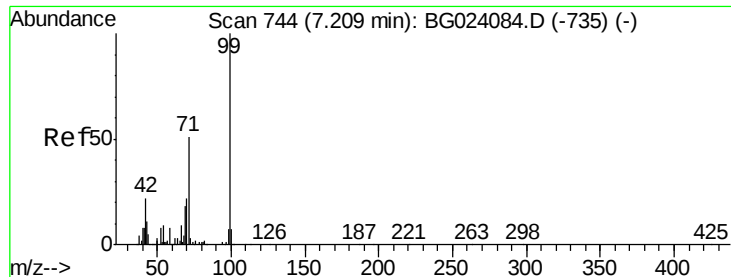


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 42.16 ng

RT: 7.22 min Scan# 745

Delta R.T. 0.01 min

Lab File: BG024116.D

Acq: 24 Sep 2016 9:28

Instrument :

BNA_G

ClientSampleId :

LIP-12

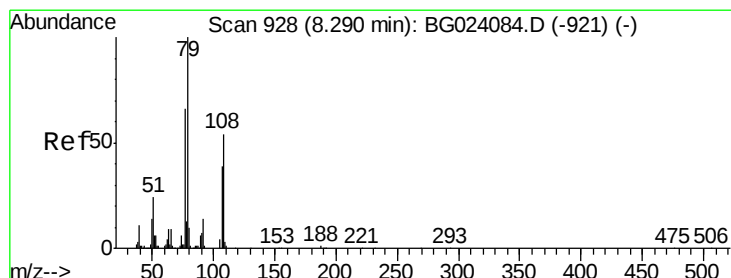
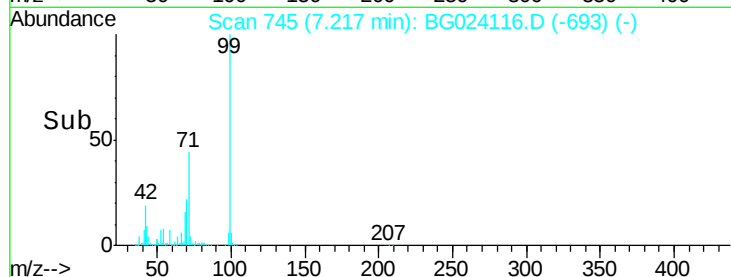
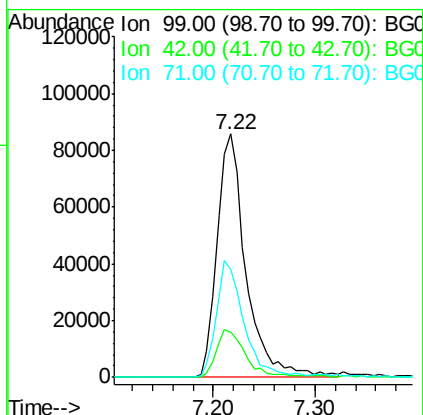
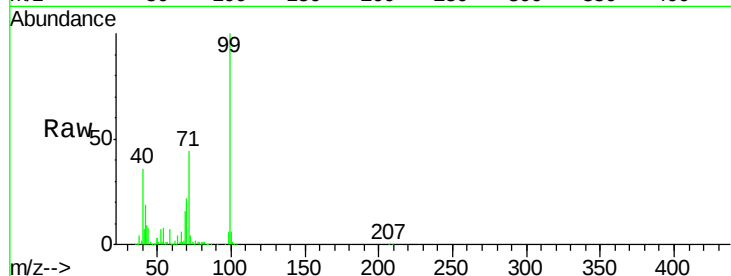
Tgt Ion: 99 Resp: 169529

Ion Ratio Lower Upper

99 100

42 18.7 17.8 26.6

71 44.3 41.5 62.3



#15

Benzyl Alcohol

Concen: 2.21 ng

RT: 8.36 min Scan# 940

Delta R.T. 0.07 min

Lab File: BG024116.D

Acq: 24 Sep 2016 9:28

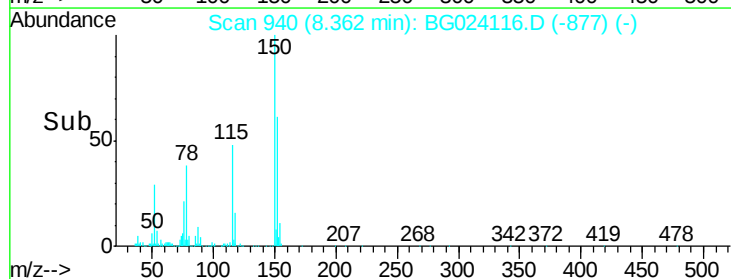
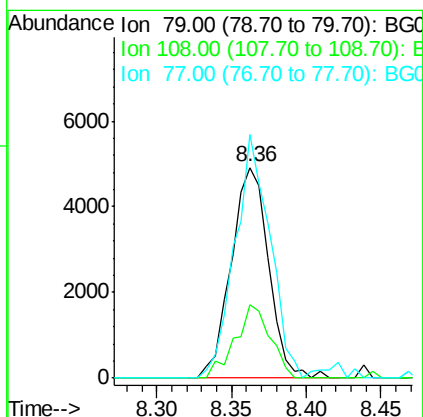
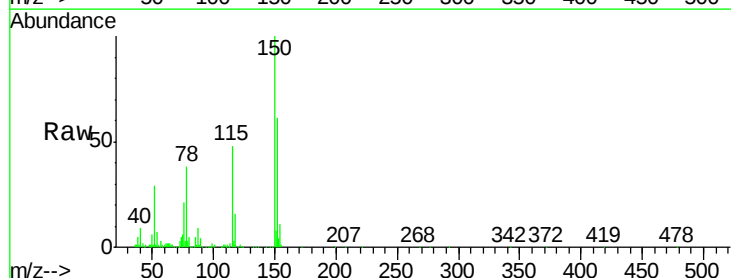
Tgt Ion: 79 Resp: 8581

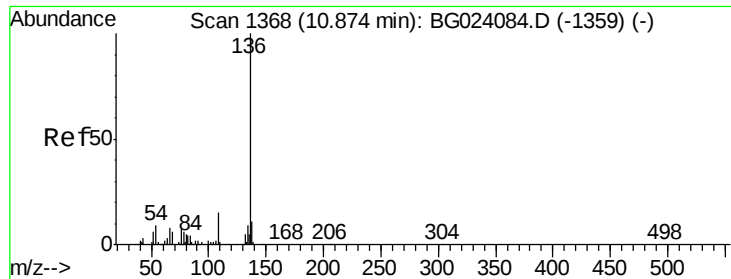
Ion Ratio Lower Upper

79 100

108 34.7 46.5 69.7#

77 115.5 52.3 78.5#

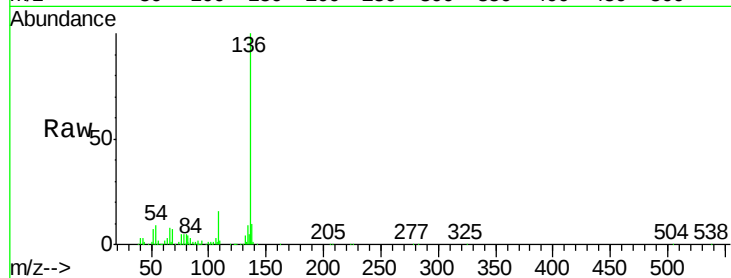




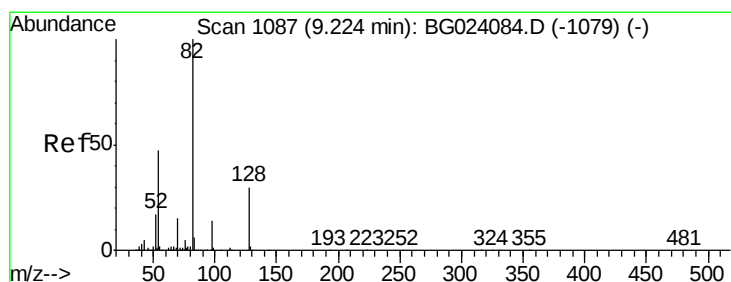
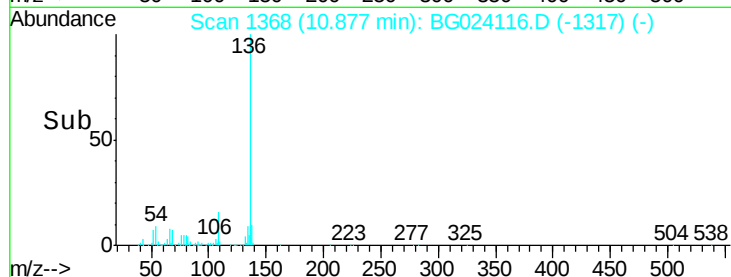
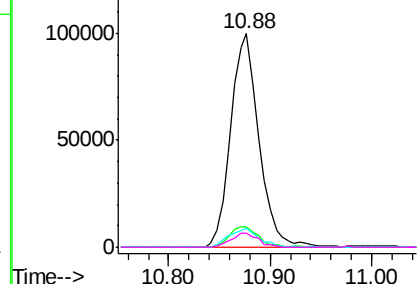
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.88 min Scan# 1368
Delta R.T. 0.00 min
Lab File: BG024116.D
Acq: 24 Sep 2016 9:28

Instrument :
BNA_G
ClientSampleId :
LIP-12

Tgt Ion:	136	Resp:	193233
Ion	Ratio	Lower	Upper
136	100		
137	9.9	9.6	14.4
54	9.3	7.3	10.9
68	6.5	5.3	7.9

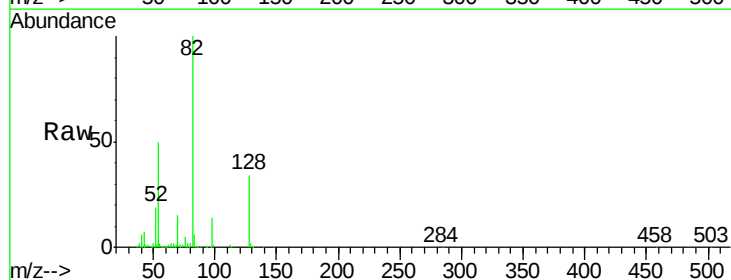


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

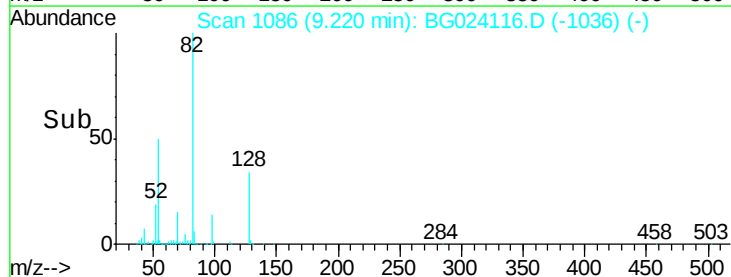
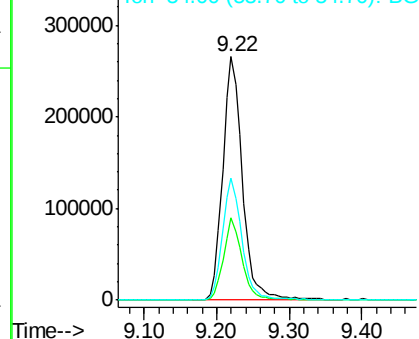


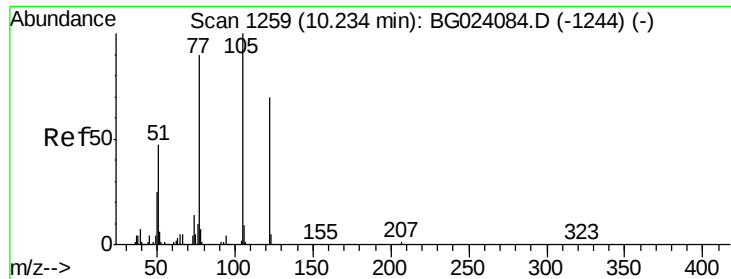
#23
Nitrobenzene-d5
Concen: 102.27 ng
RT: 9.22 min Scan# 1086
Delta R.T. -0.00 min
Lab File: BG024116.D
Acq: 24 Sep 2016 9:28

Tgt Ion:	82	Resp:	501413
Ion	Ratio	Lower	Upper
82	100		
128	33.7	24.4	36.6
54	50.0	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

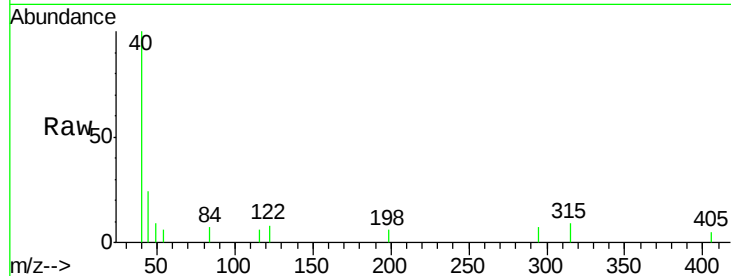




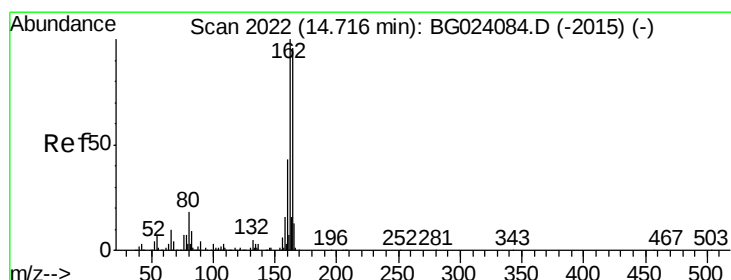
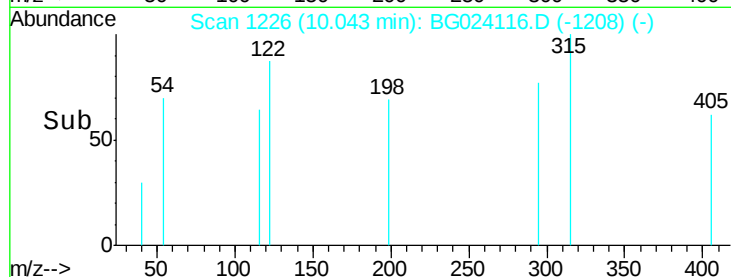
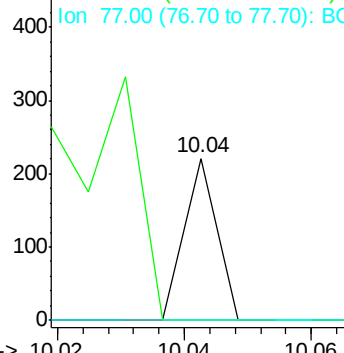
#32
Benzoic acid
Concen: 2.19 ng
RT: 10.04 min Scan# 1226
Delta R.T. -0.19 min
Lab File: BG024116.D
Acq: 24 Sep 2016 9:28

Instrument :
BNA_G
ClientSampleId :
LIP-12

Tgt Ion	Ratio	Lower	Upper
122	100		
105	0.0	117.2	157.2#
77	0.0	109.2	149.2#

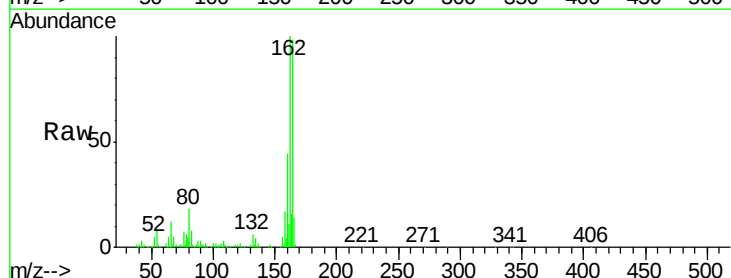


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BGC

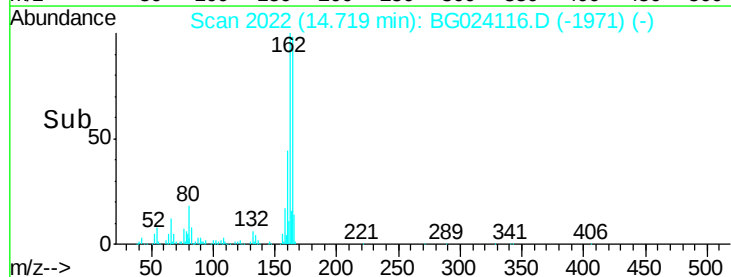
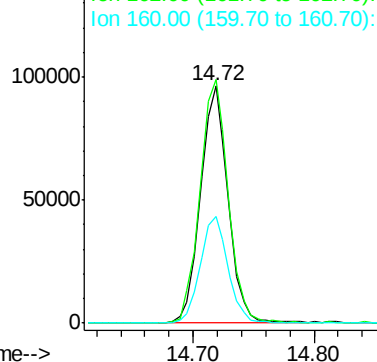


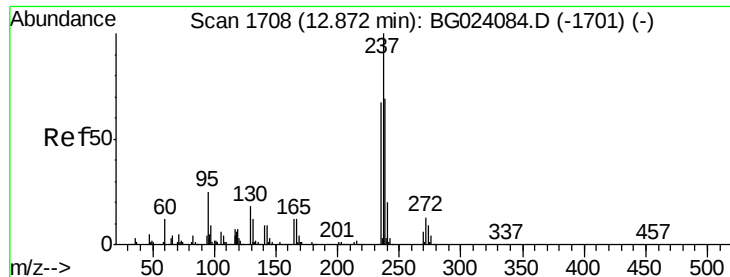
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.72 min Scan# 2022
Delta R.T. 0.00 min
Lab File: BG024116.D
Acq: 24 Sep 2016 9:28

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.5	87.7	131.5
160	44.8	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: 12.87 min Scan# 1708

Delta R.T. 0.00 min

Lab File: BG024116.D

Acq: 24 Sep 2016 9:28

Instrument :

BNA_G

ClientSampleId :

LIP-12

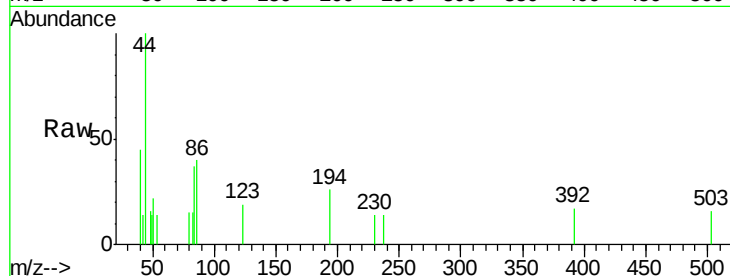
Tgt Ion: 237 Resp: 53

Ion Ratio Lower Upper

237 100

235 0.0 43.1 83.1#

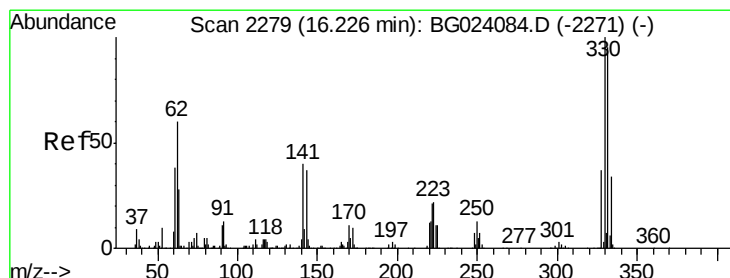
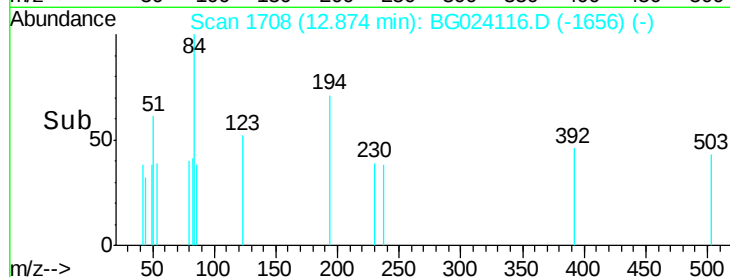
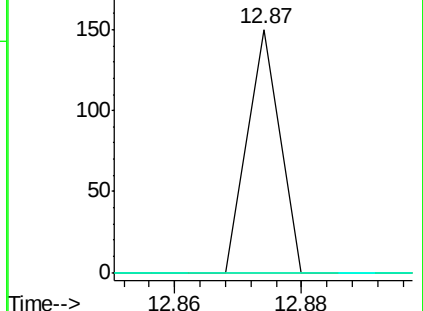
272 0.0 0.0 30.9



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: 152.00 ng

RT: 16.22 min Scan# 2278

Delta R.T. -0.00 min

Lab File: BG024116.D

Acq: 24 Sep 2016 9:28

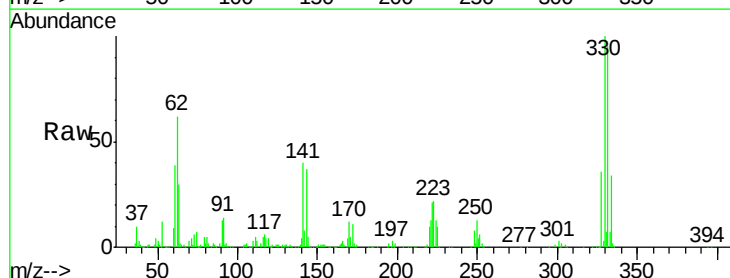
Tgt Ion: 330 Resp: 332610

Ion Ratio Lower Upper

330 100

332 95.8 77.4 116.2

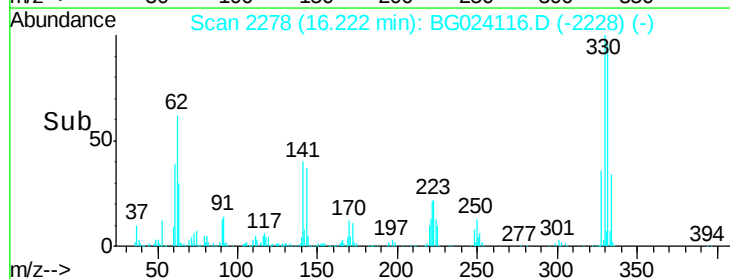
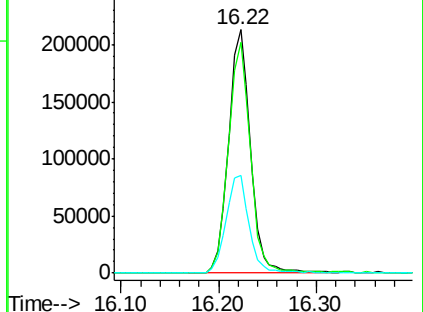
141 42.0 31.7 47.5

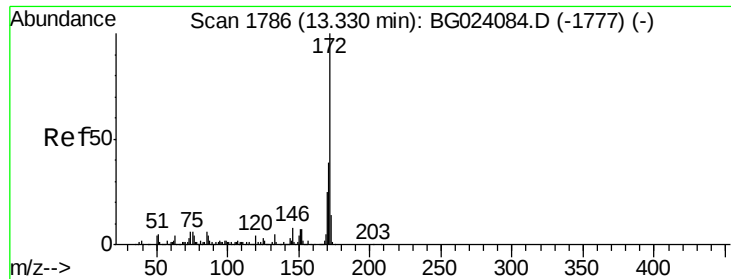


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

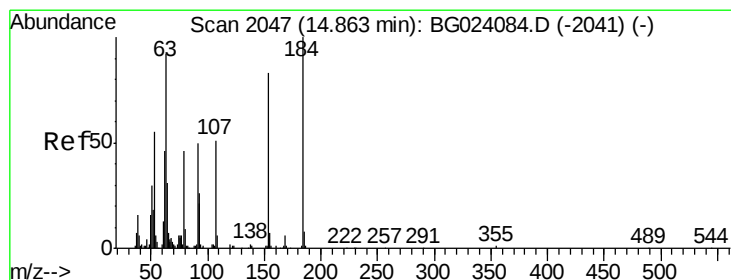
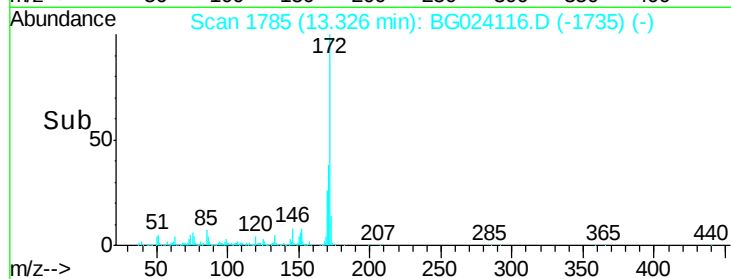
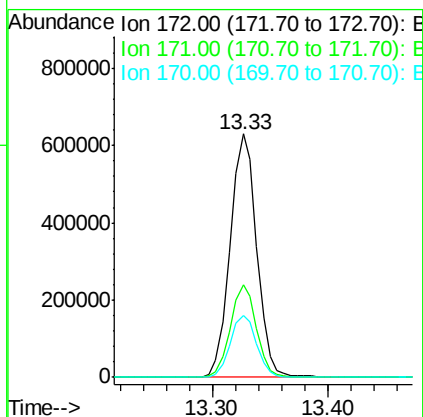
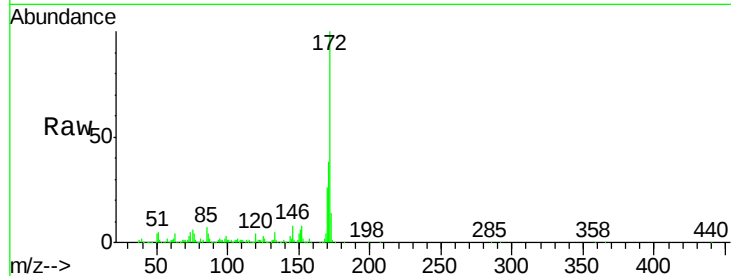




#44
2-Fluorobiphenyl
Concen: 110.50 ng
RT: 13.33 min Scan# 1785
Delta R.T. -0.00 min
Lab File: BG024116.D
Acq: 24 Sep 2016 9:28

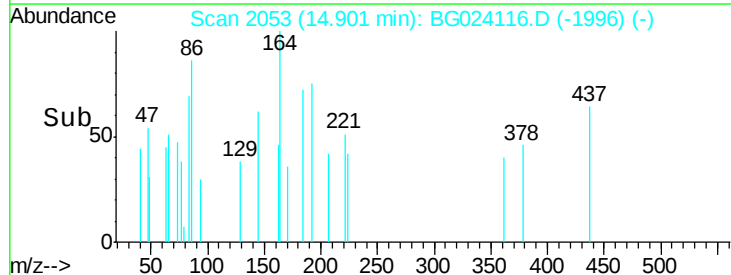
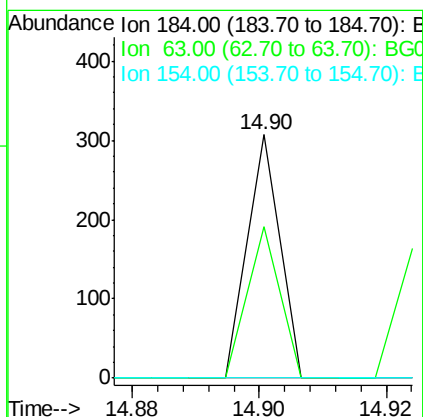
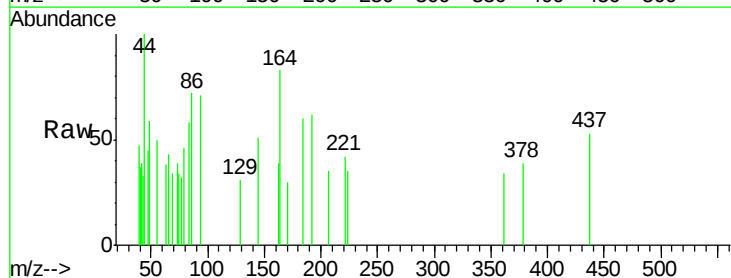
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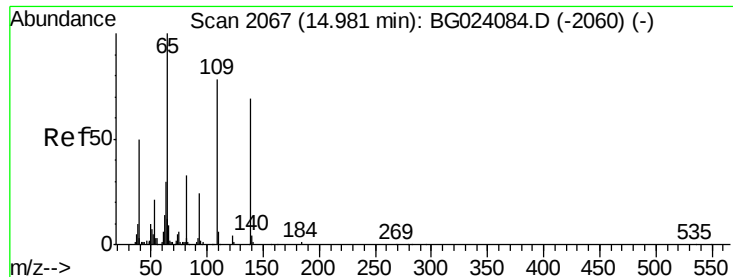
Tgt Ion:172 Resp: 1000744
Ion Ratio Lower Upper
172 100
171 37.9 31.6 47.4
170 25.6 21.3 31.9



#53
2,4-Dinitrophenol
Concen: 2.53 ng
RT: 14.90 min Scan# 2053
Delta R.T. 0.04 min
Lab File: BG024116.D
Acq: 24 Sep 2016 9:28

Tgt Ion:184 Resp: 108
Ion Ratio Lower Upper
184 100
63 62.2 59.6 89.4
154 0.0 67.4 101.0#

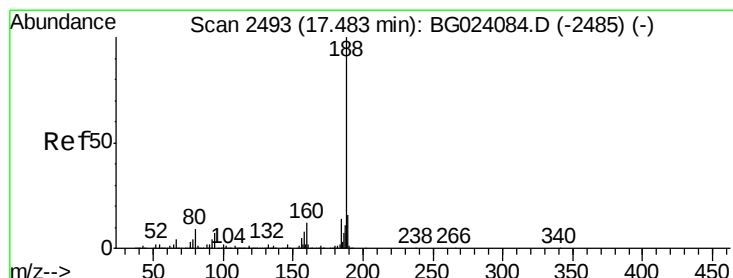
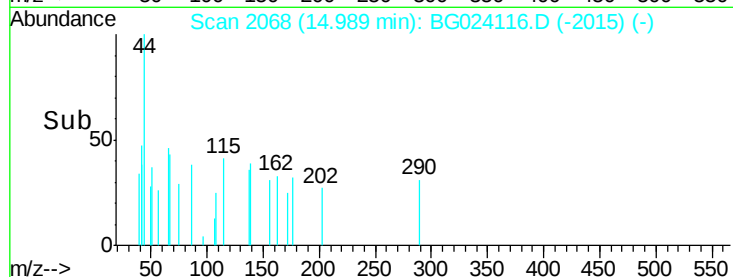
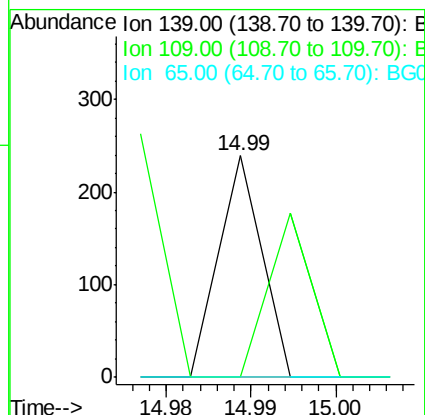
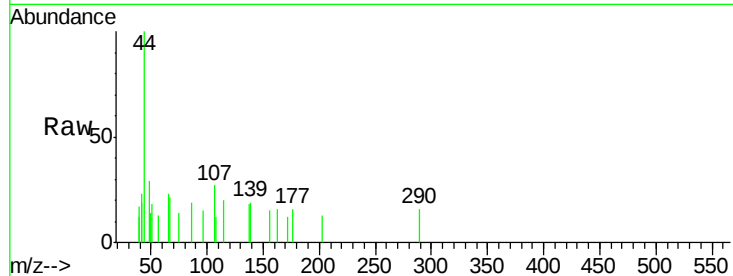




#55
4-Nitrophenol
Concen: 5.39 ng
RT: 14.99 min Scan# 2068
Delta R.T. 0.01 min
Lab File: BG024116.D
Acq: 24 Sep 2016 9:28

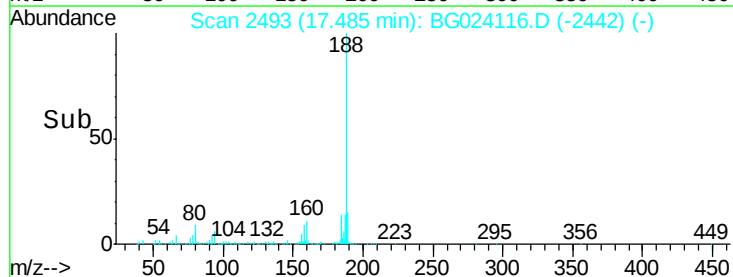
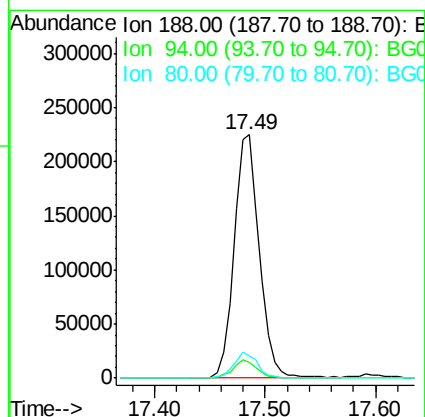
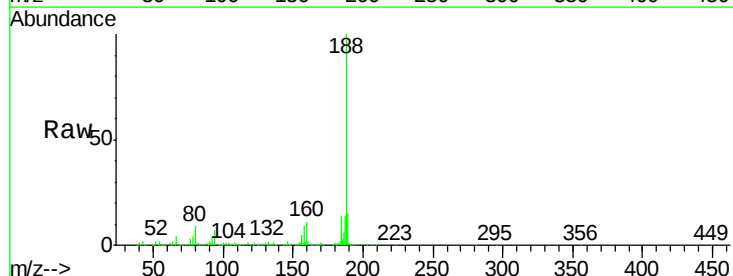
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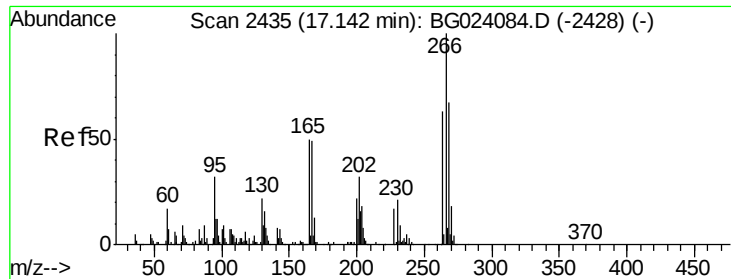
Tgt Ion	Ratio	Lower	Upper
139	100		
109	0.0	103.0	143.0#
65	0.0	112.7	152.7#



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.49 min Scan# 2493
Delta R.T. 0.00 min
Lab File: BG024116.D
Acq: 24 Sep 2016 9:28

Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.6	5.2	7.8
80	9.0	7.2	10.8

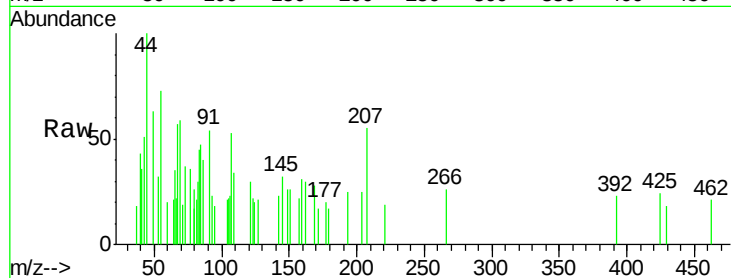




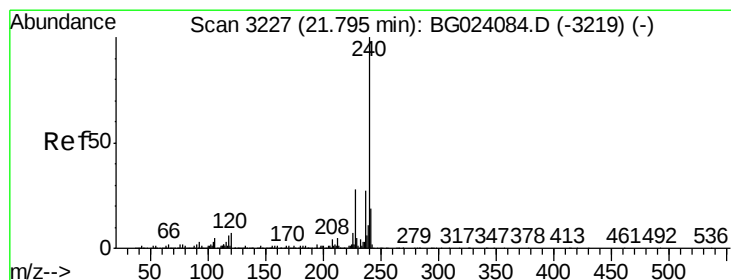
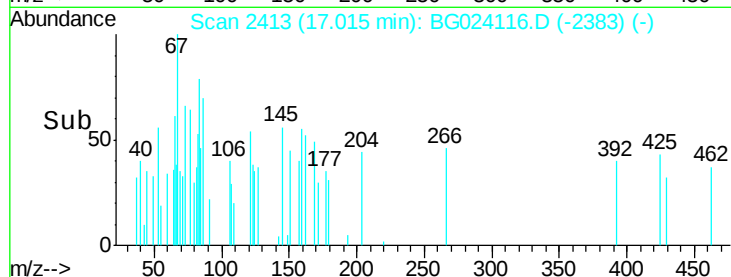
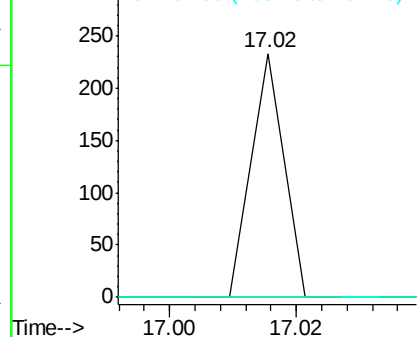
#69
 Pentachlorophenol
 Concen: 3.60 ng
 RT: 17.02 min Scan# 2413
 Delta R.T. -0.13 min
 Lab File: BG024116.D
 Acq: 24 Sep 2016 9:28

Instrument :
 BNA_G
 ClientSampleId :
 LIP-12

Tgt Ion: 266 Resp: 82
 Ion Ratio Lower Upper
 266 100
 268 0.0 51.9 77.9#
 264 0.0 50.6 75.8#

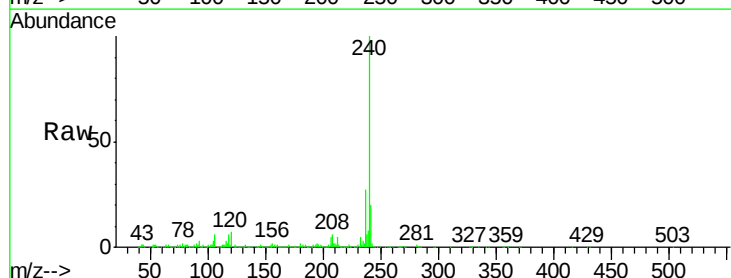


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

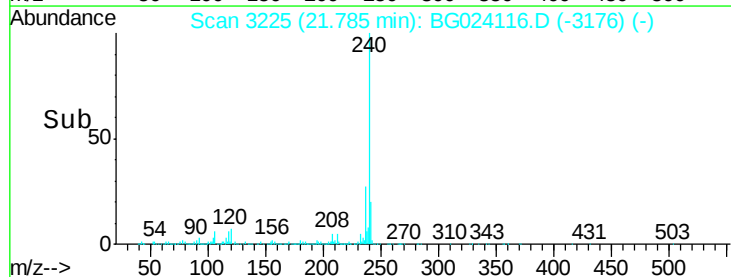
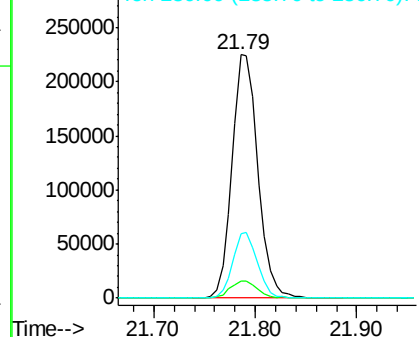


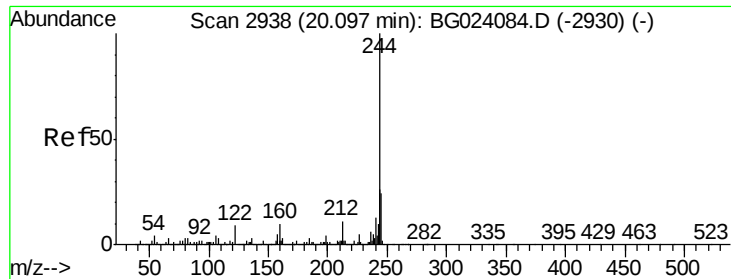
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.79 min Scan# 3225
 Delta R.T. -0.01 min
 Lab File: BG024116.D
 Acq: 24 Sep 2016 9:28

Tgt Ion: 240 Resp: 397542
 Ion Ratio Lower Upper
 240 100
 120 6.8 4.1 6.1#
 236 26.6 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: 72.36 ng

RT: 20.09 min Scan# 2937

Delta R.T. -0.00 min

Lab File: BG024116.D

Acq: 24 Sep 2016 9:28

Instrument :

BNA_G

ClientSampleId :

LIP-12

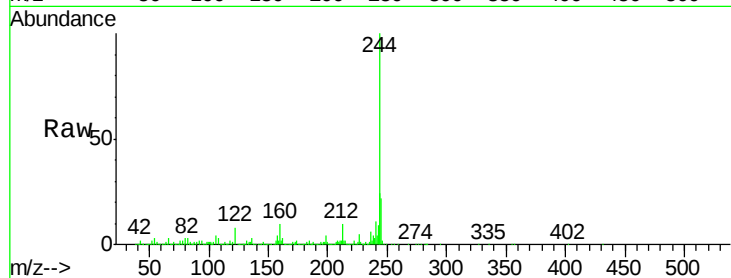
Tgt Ion:244 Resp: 1404895

Ion Ratio Lower Upper

244 100

212 9.9 10.8 16.2#

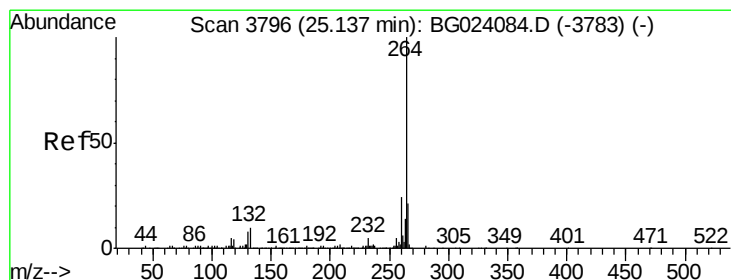
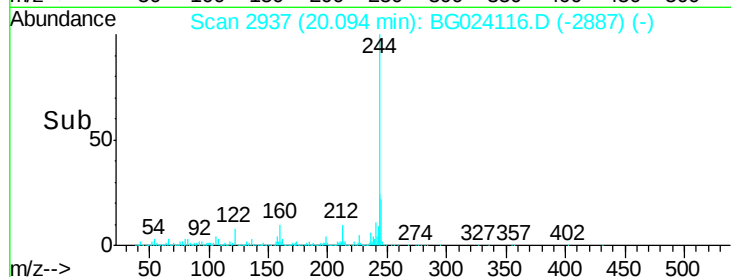
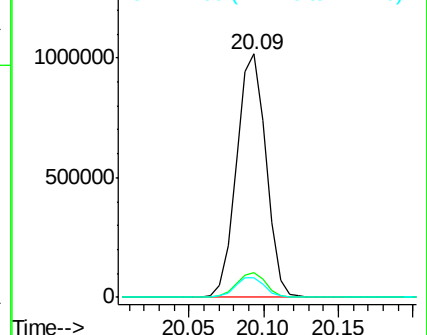
122 8.3 8.0 12.0



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: BG024116.D

Acq: 24 Sep 2016 9:28

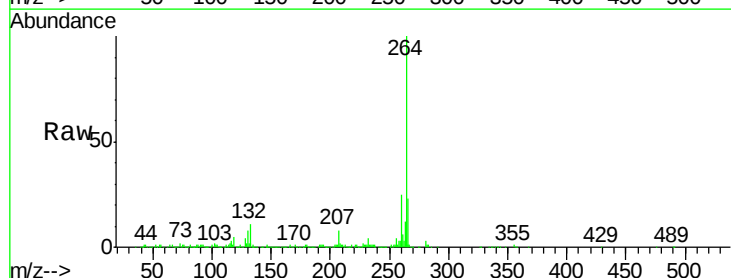
Tgt Ion:264 Resp: 389515

Ion Ratio Lower Upper

264 100

260 24.8 18.4 27.6

265 22.6 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

