

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG092316\
 Data File : BG024112.D
 Acq On : 24 Sep 2016 6:55
 Operator : UM/SJ
 Sample : H4893-03
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LIP-16

Quant Time: Sep 26 00:48:19 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

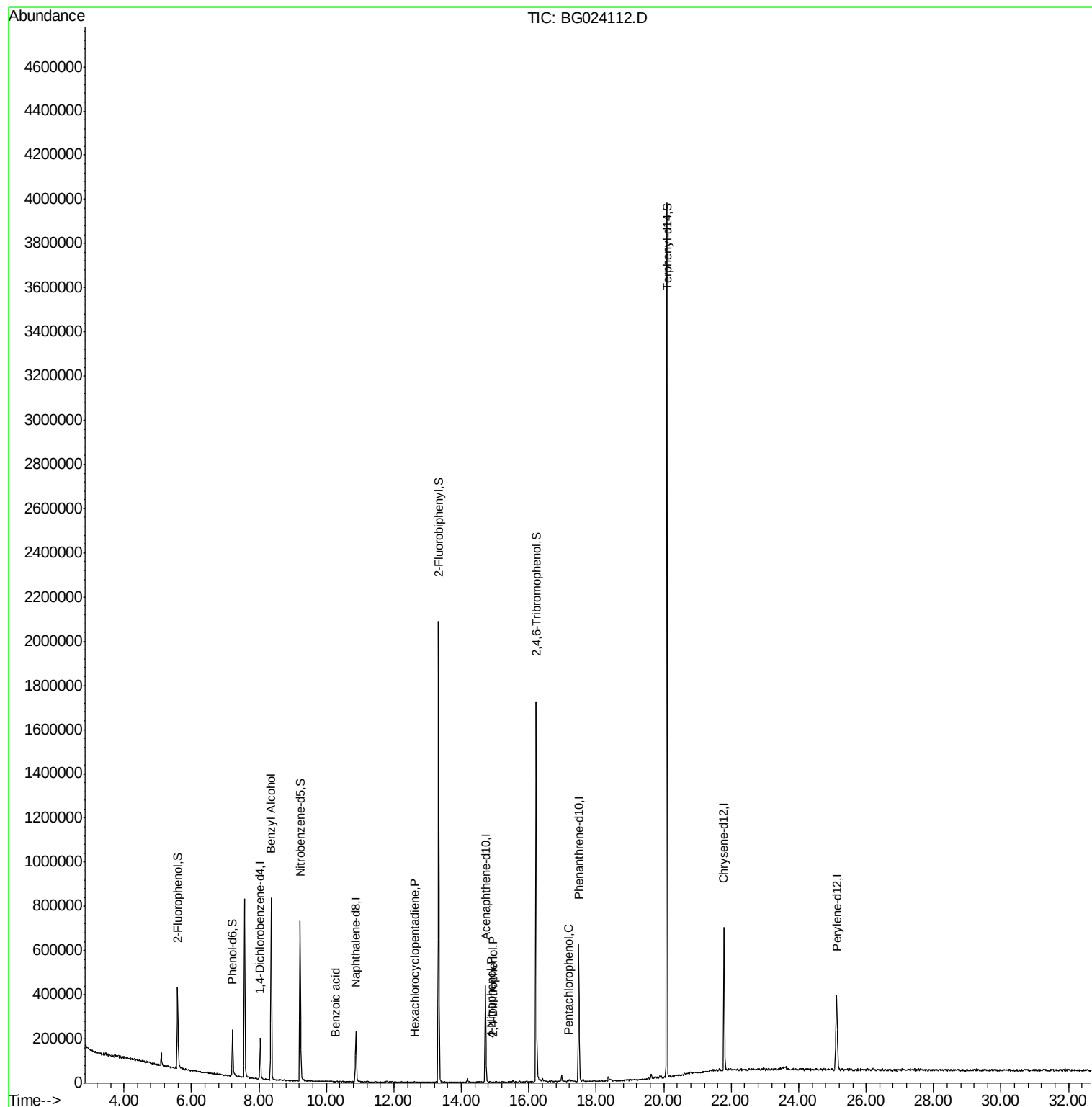
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	42996	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	196681	20.00	ng	0.00
38) Acenaphthene-d10	14.71	164	163436	20.00	ng	0.00
63) Phenanthrene-d10	17.48	188	369357	20.00	ng	0.00
75) Chrysene-d12	21.79	240	404056	20.00	ng	0.00
86) Perylene-d12	25.12	264	387885	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	156262	62.96	ng	0.00
7) Phenol-d6	7.22	99	141200	33.81	ng	0.00
23) Nitrobenzene-d5	9.22	82	496558	99.51	ng	0.00
41) 2,4,6-Tribromophenol	16.22	330	301137	128.19	ng	0.00
44) 2-Fluorobiphenyl	13.33	172	1010463	103.93	ng	0.00
78) Terphenyl-d14	20.09	244	1620033	82.10	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.36	79	8142	2.01	ng	# 52
32) Benzoic acid	10.27	122	61	2.18	ng	# 1
40) Hexachlorocyclopentadiene	12.60	237	61	3.62	ng	# 26
53) 2,4-Dinitrophenol	14.93	184	72	2.50	ng	# 10
55) 4-Nitrophenol	14.88	139	60	5.37	ng	# 1
69) Pentachlorophenol	17.19	266	363	3.70	ng	# 56

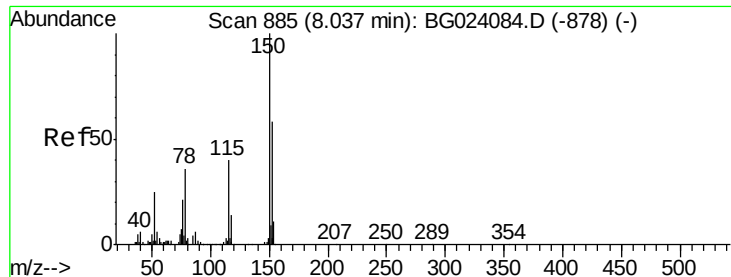
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG024112.D

Acq: 24 Sep 2016 6:55

Instrument :

BNA_G

ClientSampleId :

LIP-16

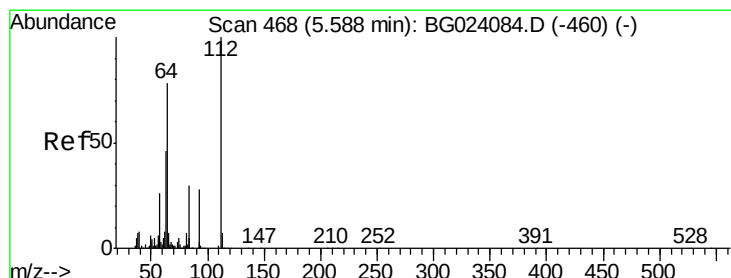
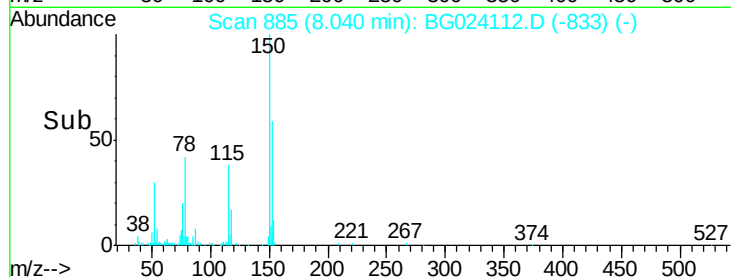
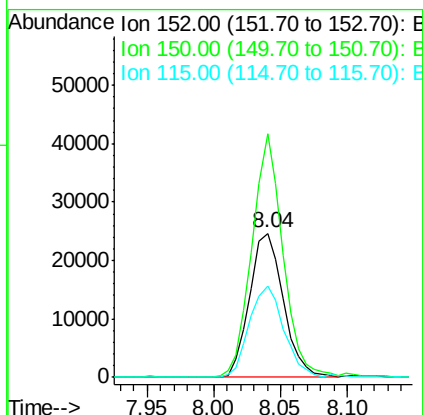
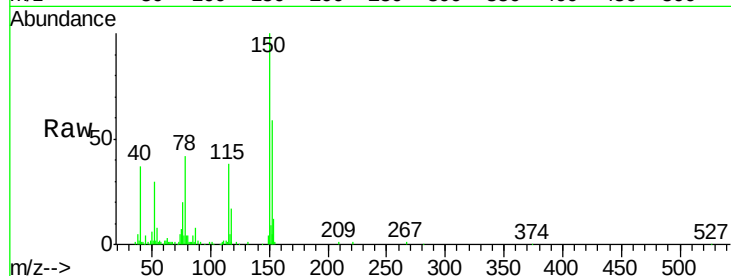
Tgt Ion:152 Resp: 42996

Ion Ratio Lower Upper

152 100

150 168.8 144.7 217.1

115 63.6 64.0 96.0#



#5

2-Fluorophenol

Concen: 62.96 ng

RT: 5.59 min Scan# 468

Delta R.T. 0.00 min

Lab File: BG024112.D

Acq: 24 Sep 2016 6:55

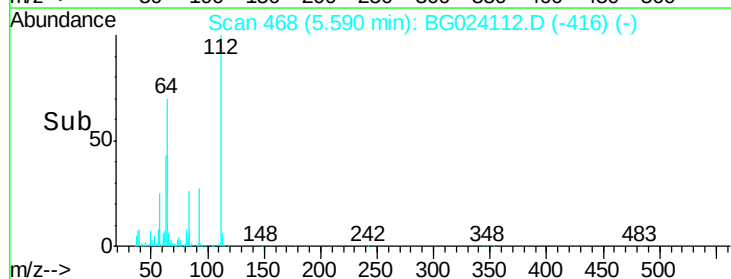
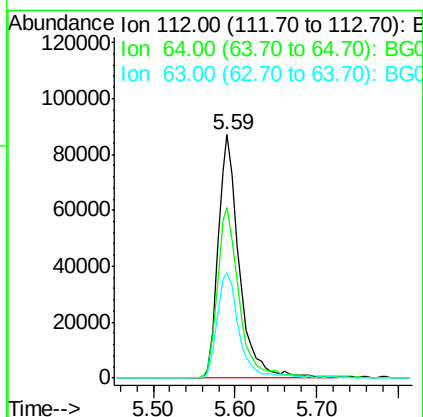
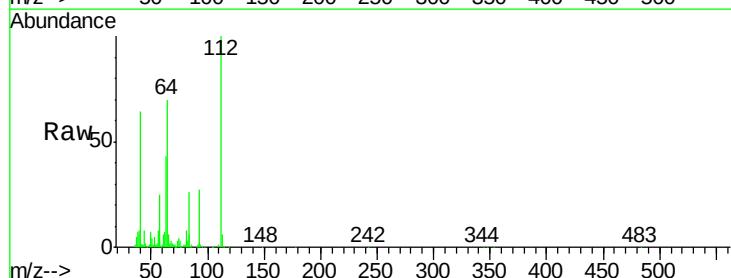
Tgt Ion:112 Resp: 156262

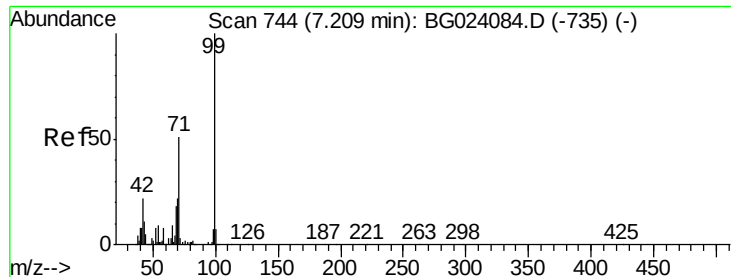
Ion Ratio Lower Upper

112 100

64 70.1 59.0 88.4

63 43.4 37.8 56.8





#7

Phenol-d6

Concen: 33.81 ng

RT: 7.22 min Scan# 745

Delta R.T. 0.01 min

Lab File: BG024112.D

Acq: 24 Sep 2016 6:55

Instrument :

BNA_G

ClientSampleId :

LIP-16

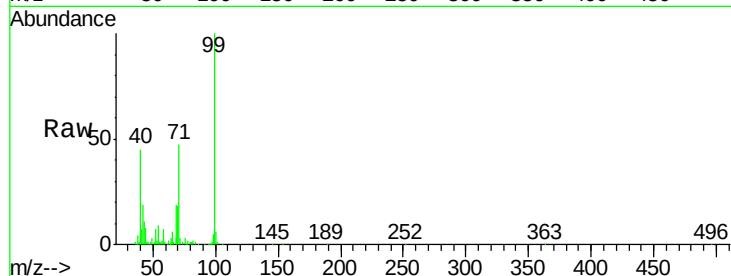
Tgt Ion: 99 Resp: 141200

Ion Ratio Lower Upper

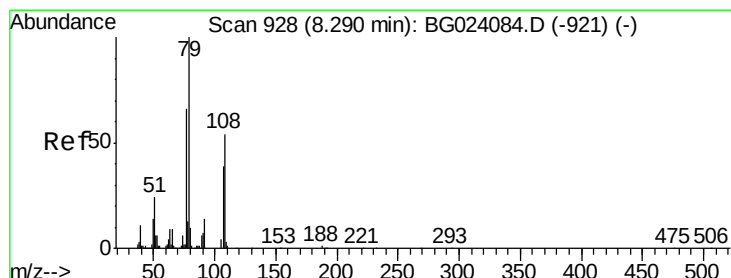
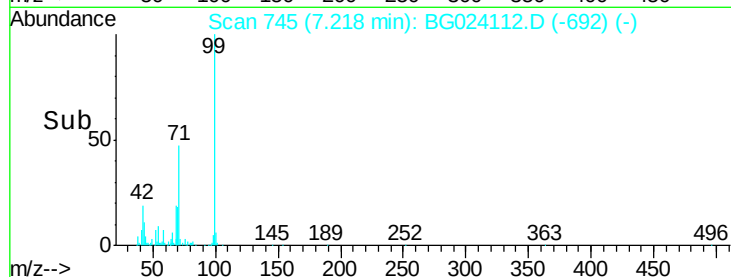
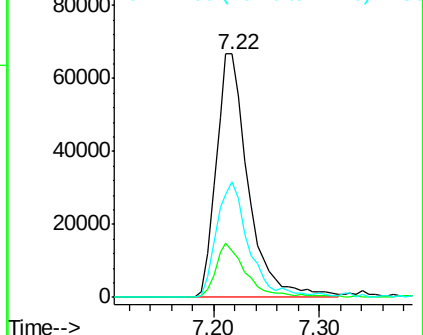
99 100

42 19.0 17.8 26.6

71 47.5 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: 2.01 ng

RT: 8.36 min Scan# 940

Delta R.T. 0.07 min

Lab File: BG024112.D

Acq: 24 Sep 2016 6:55

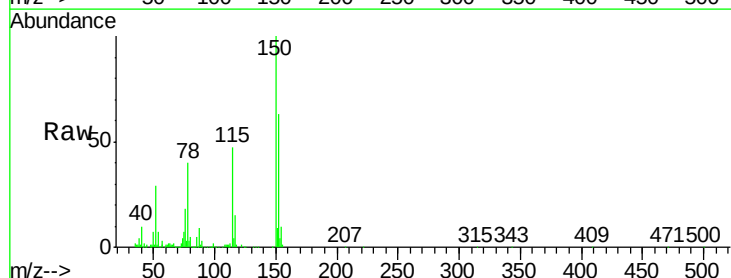
Tgt Ion: 79 Resp: 8142

Ion Ratio Lower Upper

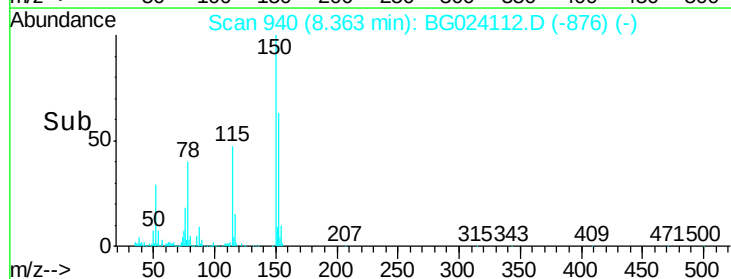
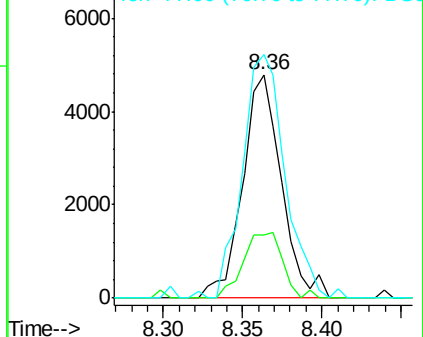
79 100

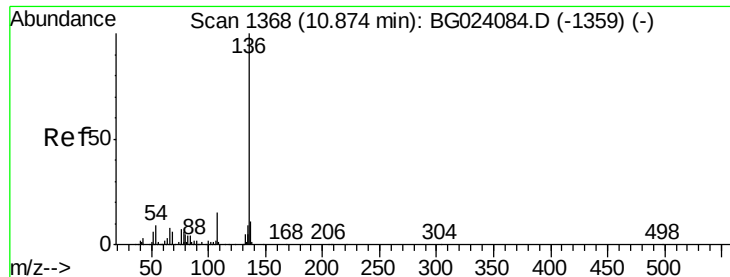
108 28.5 46.5 69.7#

77 109.1 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

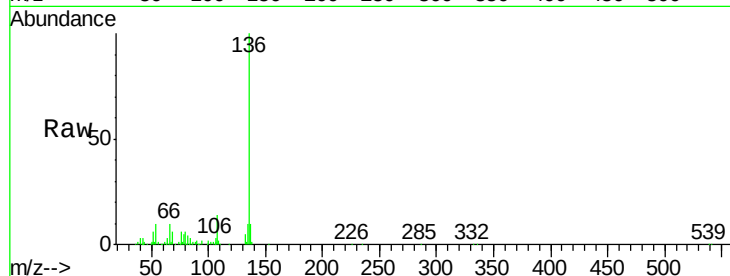




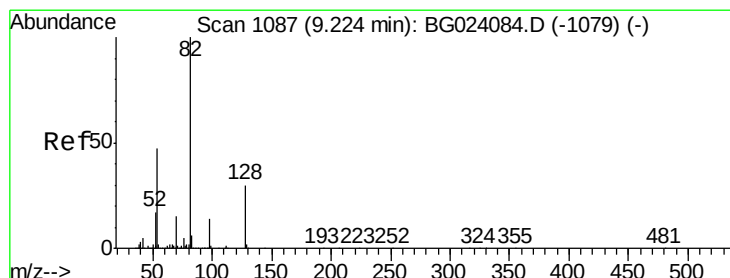
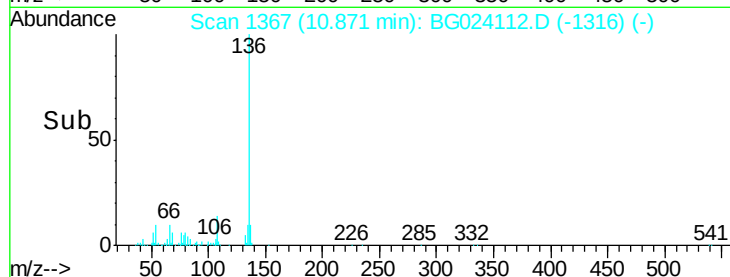
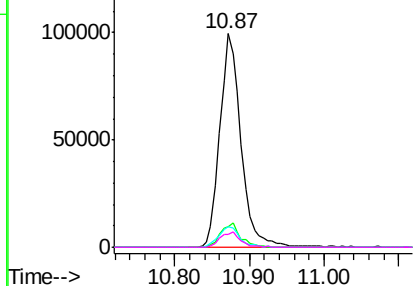
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.87 min Scan# 1367
Delta R.T. -0.00 min
Lab File: BG024112.D
Acq: 24 Sep 2016 6:55

Instrument :
BNA_G
ClientSampleId :
LIP-16

Tgt Ion:	136	Resp:	196681
Ion	Ratio	Lower	Upper
136	100		
137	9.8	9.6	14.4
54	9.9	7.3	10.9
68	6.2	5.3	7.9

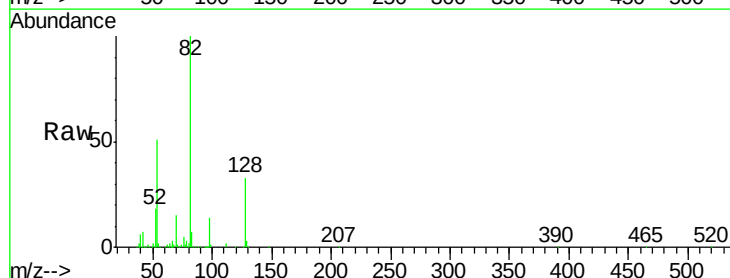


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

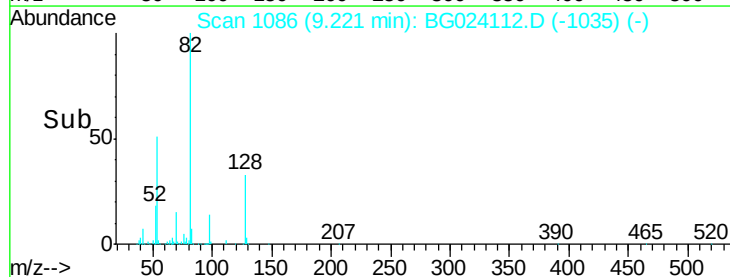
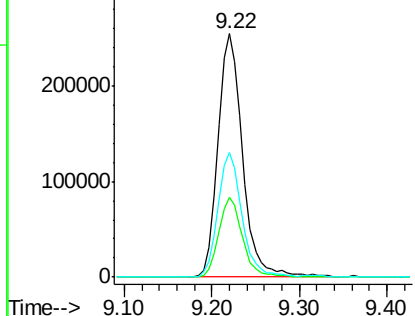


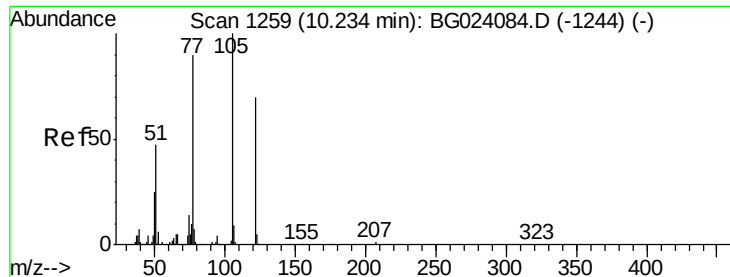
#23
Nitrobenzene-d5
Concen: 99.51 ng
RT: 9.22 min Scan# 1086
Delta R.T. -0.00 min
Lab File: BG024112.D
Acq: 24 Sep 2016 6:55

Tgt Ion:	82	Resp:	496558
Ion	Ratio	Lower	Upper
82	100		
128	32.8	24.4	36.6
54	51.2	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

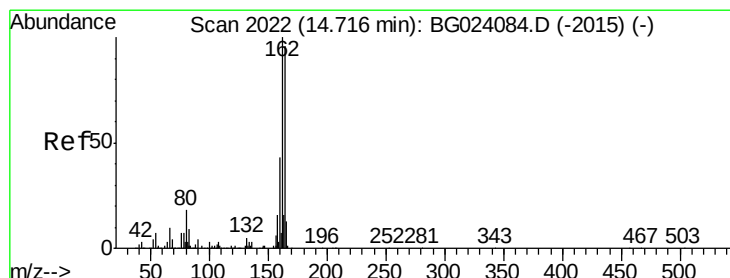
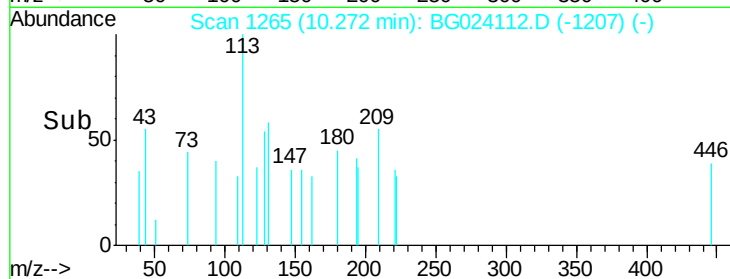
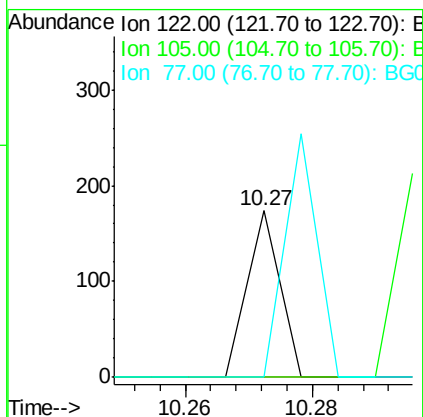
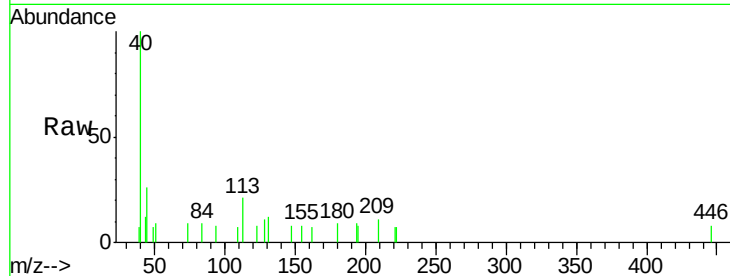




#32
Benzoic acid
Concen: 2.18 ng
RT: 10.27 min Scan# 1265
Delta R.T. 0.04 min
Lab File: BG024112.D
Acq: 24 Sep 2016 6:55

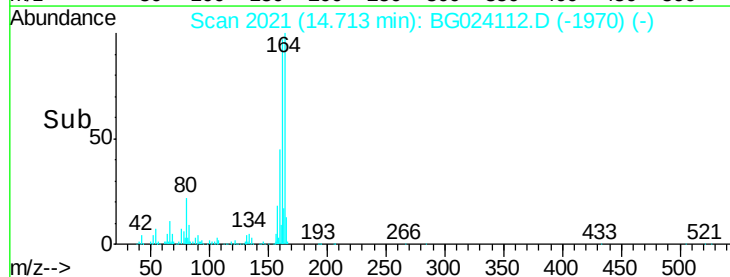
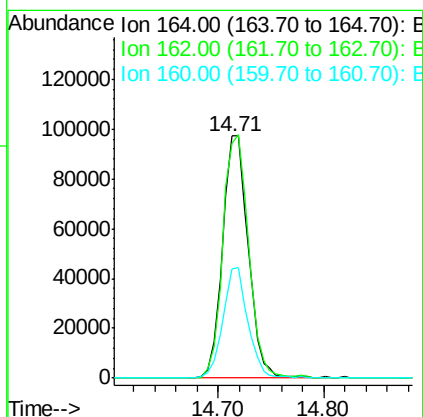
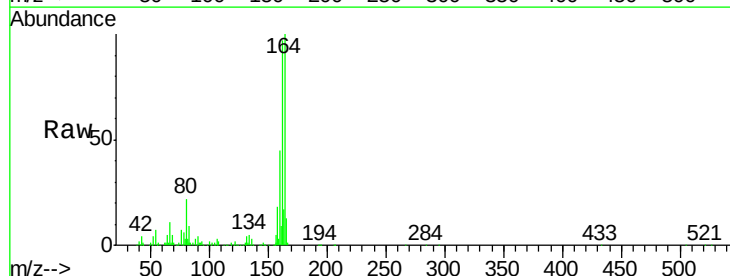
Instrument :
BNA_G
ClientSampleId :
LIP-16

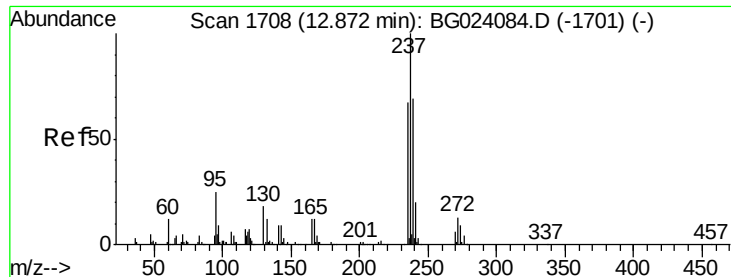
Tgt Ion:122 Resp: 61
Ion Ratio Lower Upper
122 100
105 0.0 117.2 157.2#
77 0.0 109.2 149.2#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.71 min Scan# 2021
Delta R.T. -0.00 min
Lab File: BG024112.D
Acq: 24 Sep 2016 6:55

Tgt Ion:164 Resp: 163436
Ion Ratio Lower Upper
164 100
162 97.0 87.7 131.5
160 44.9 37.2 55.8





#40

Hexachlorocyclopentadiene

Concen: 3.62 ng

RT: 12.60 min Scan# 1662

Delta R.T. -0.27 min

Lab File: BG024112.D

Acq: 24 Sep 2016 6:55

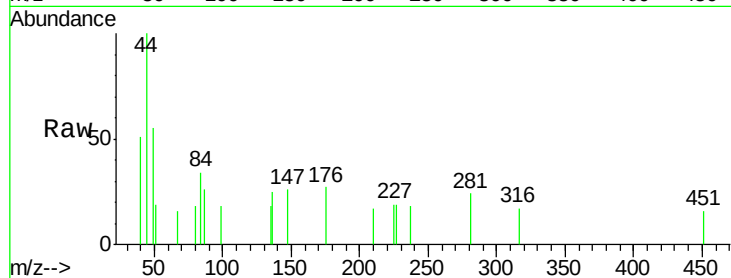
Instrument :

BNA_G

ClientSampleId :

LIP-16

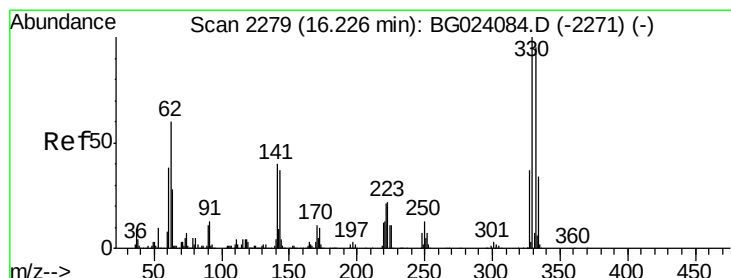
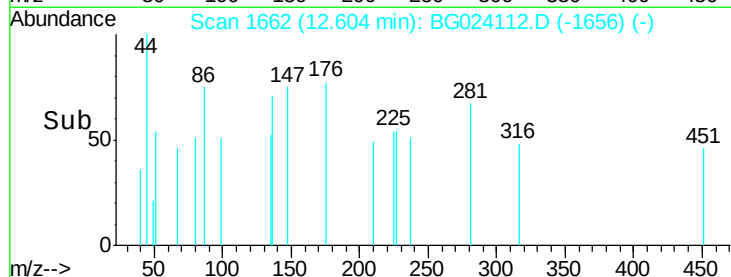
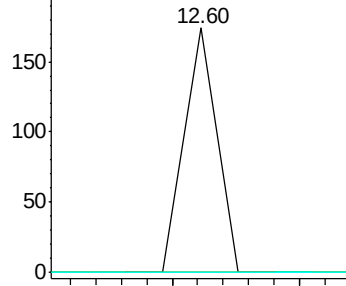
Tgt Ion:	237	Resp:	61
Ion	Ratio	Lower	Upper
237	100		
235	0.0	43.1	83.1#
272	0.0	0.0	30.9



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: 128.19 ng

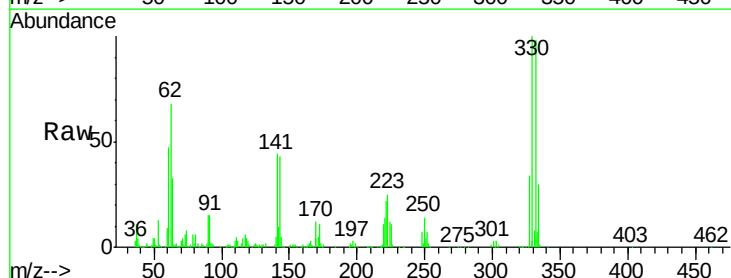
RT: 16.22 min Scan# 2277

Delta R.T. -0.01 min

Lab File: BG024112.D

Acq: 24 Sep 2016 6:55

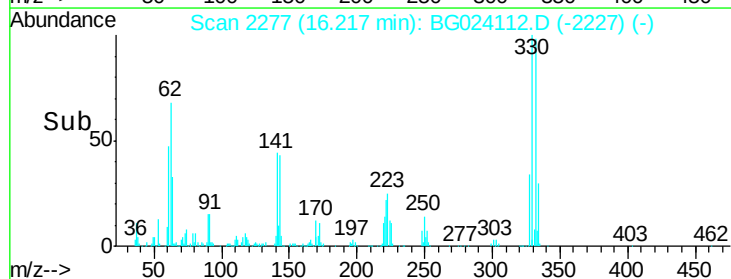
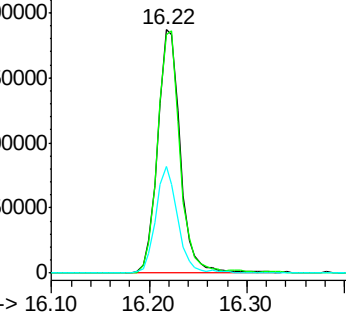
Tgt Ion:	330	Resp:	301137
Ion	Ratio	Lower	Upper
330	100		
332	98.1	77.4	116.2
141	42.7	31.7	47.5

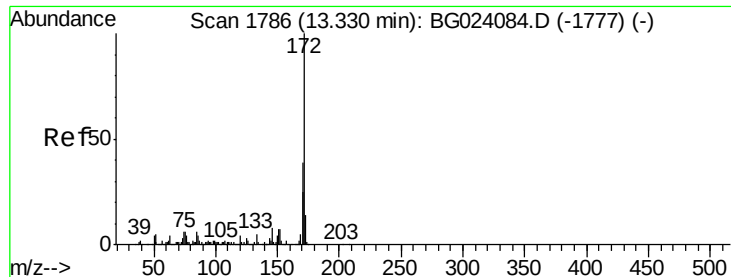


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

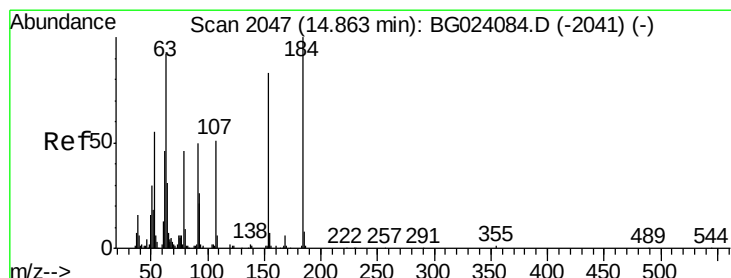
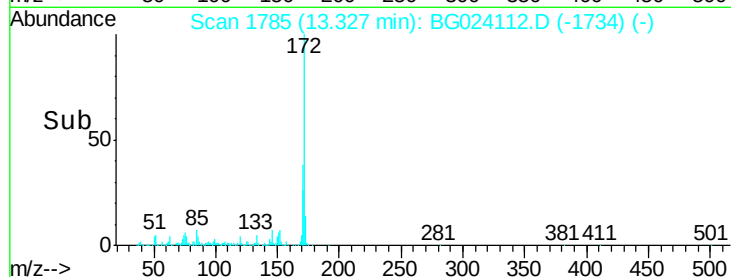
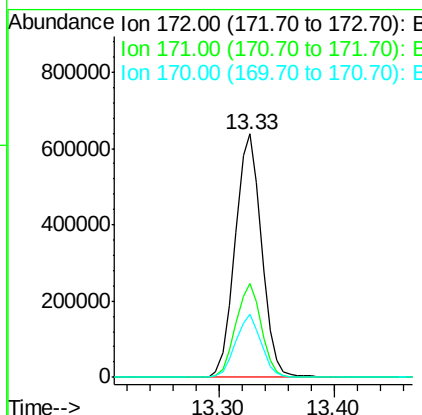
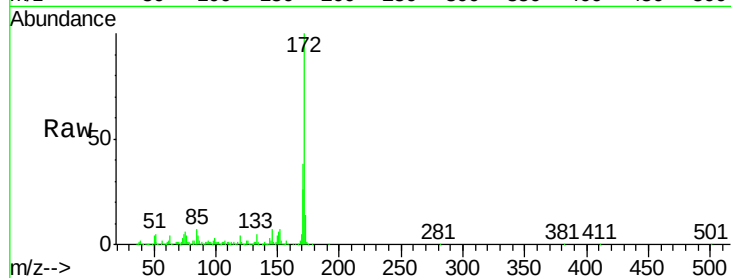




#44
 2-Fluorobiphenyl
 Concen: 103.93 ng
 RT: 13.33 min Scan# 1785
 Delta R.T. -0.00 min
 Lab File: BG024112.D
 Acq: 24 Sep 2016 6:55

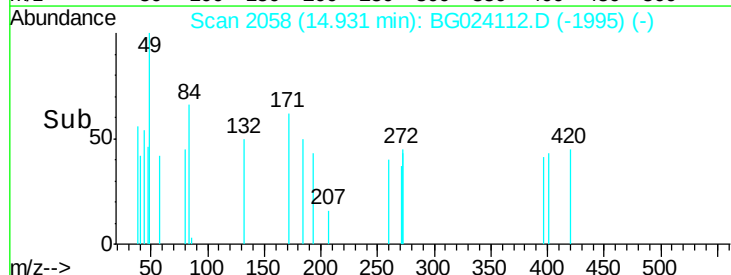
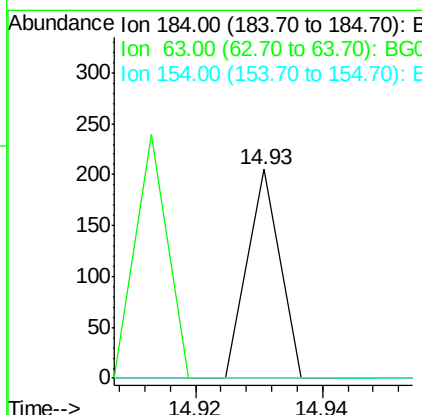
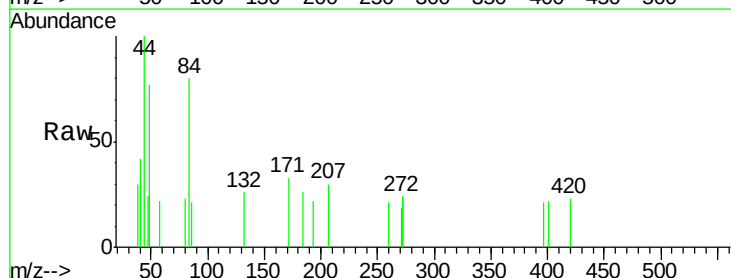
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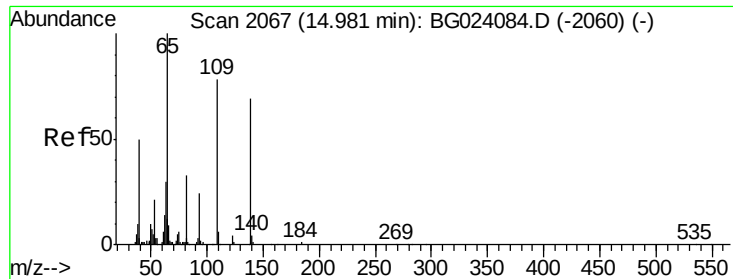
Tgt Ion:172 Resp: 1010463
 Ion Ratio Lower Upper
 172 100
 171 38.4 31.6 47.4
 170 25.7 21.3 31.9



#53
 2,4-Dinitrophenol
 Concen: 2.50 ng
 RT: 14.93 min Scan# 2058
 Delta R.T. 0.07 min
 Lab File: BG024112.D
 Acq: 24 Sep 2016 6:55

Tgt Ion:184 Resp: 72
 Ion Ratio Lower Upper
 184 100
 63 0.0 59.6 89.4#
 154 0.0 67.4 101.0#

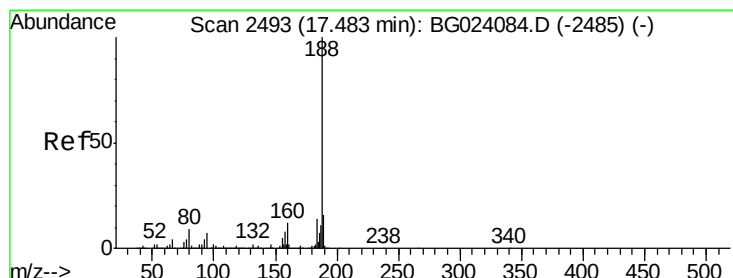
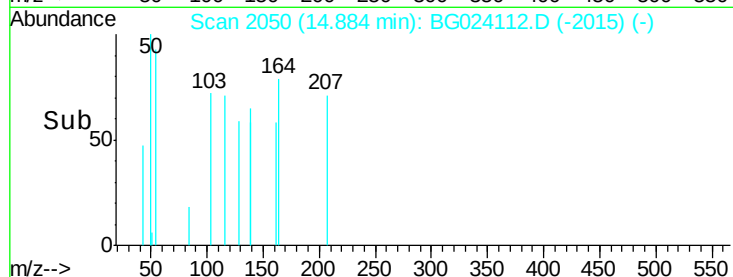
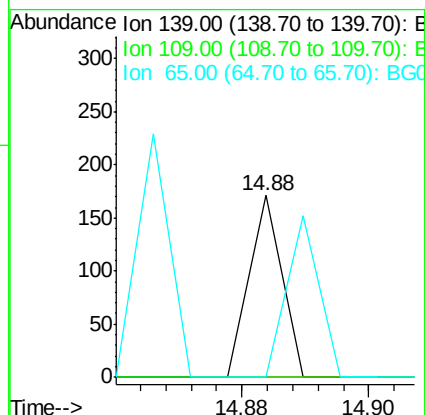
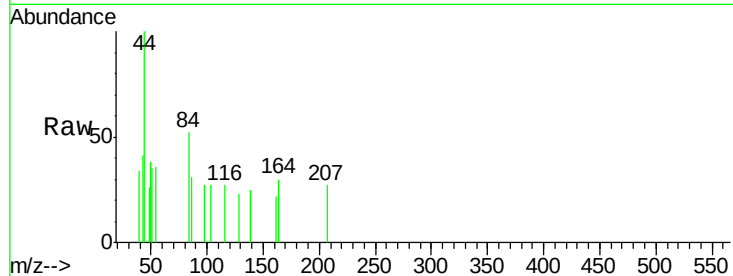




#55
4-Nitrophenol
Concen: 5.37 ng
RT: 14.88 min Scan# 2050
Delta R.T. -0.10 min
Lab File: BG024112.D
Acq: 24 Sep 2016 6:55

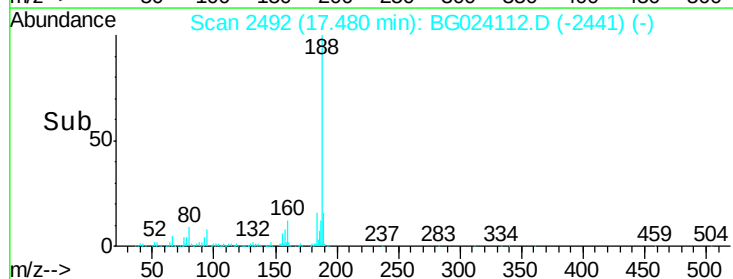
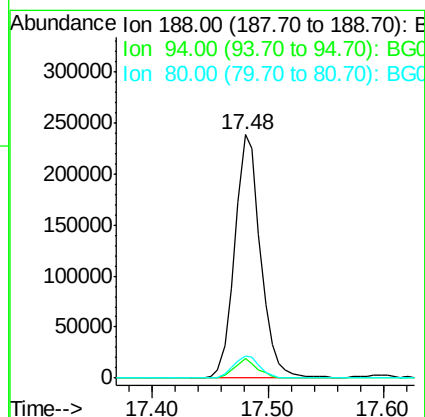
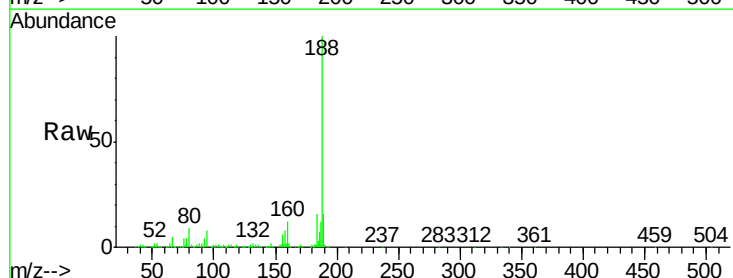
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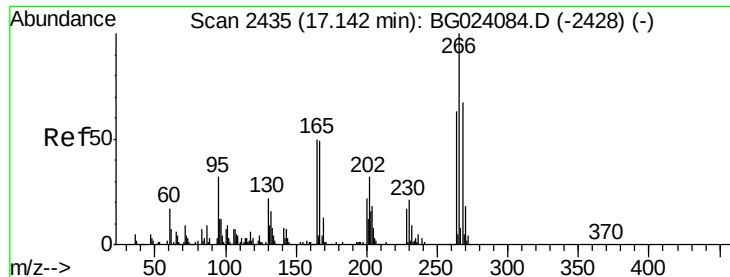
Tgt Ion:139 Resp: 60
Ion Ratio Lower Upper
139 100
109 0.0 103.0 143.0#
65 0.0 112.7 152.7#



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.48 min Scan# 2492
Delta R.T. -0.00 min
Lab File: BG024112.D
Acq: 24 Sep 2016 6:55

Tgt Ion:188 Resp: 369357
Ion Ratio Lower Upper
188 100
94 7.9 5.2 7.8#
80 9.1 7.2 10.8





#69

Pentachlorophenol

Concen: 3.70 ng

RT: 17.19 min Scan# 2442

Delta R.T. 0.04 min

Lab File: BG024112.D

Acq: 24 Sep 2016 6:55

Instrument :

BNA_G

ClientSampleId :

LIP-16

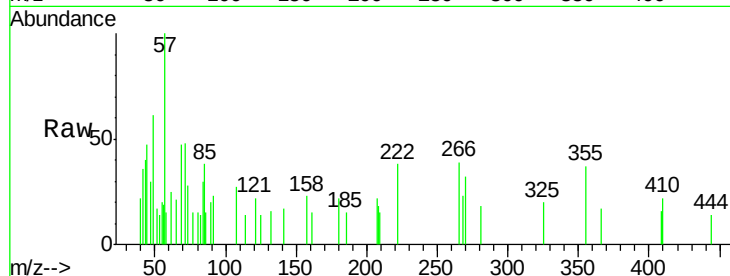
Tgt Ion:266 Resp: 363

Ion Ratio Lower Upper

266 100

268 58.8 51.9 77.9

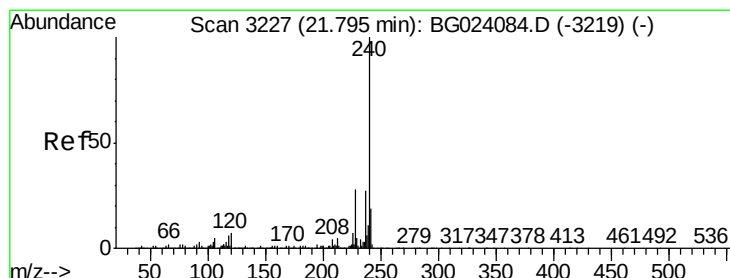
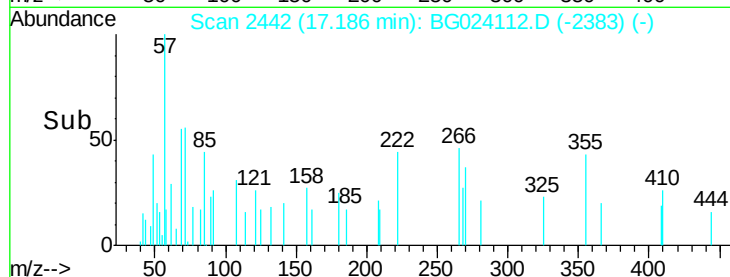
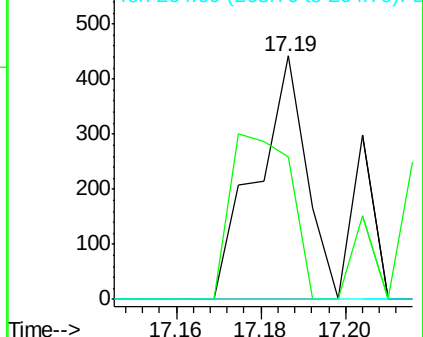
264 0.0 50.6 75.8#



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: BG024112.D

Acq: 24 Sep 2016 6:55

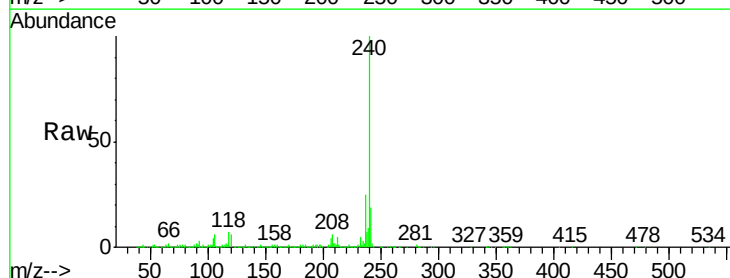
Tgt Ion:240 Resp: 404056

Ion Ratio Lower Upper

240 100

120 6.5 4.1 6.1#

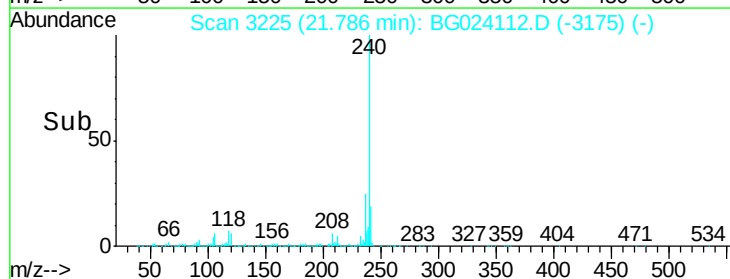
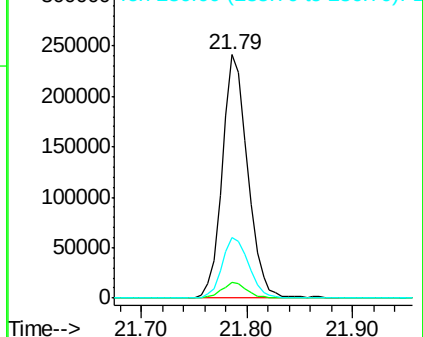
236 24.7 21.1 31.7

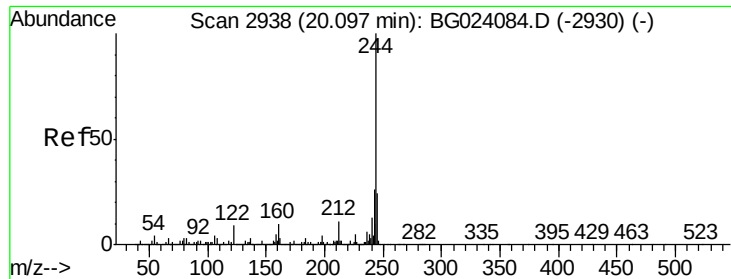


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 82.10 ng

RT: 20.09 min Scan# 2937

Delta R.T. -0.00 min

Lab File: BG024112.D

Acq: 24 Sep 2016 6:55

Instrument :

BNA_G

ClientSampleId :

LIP-16

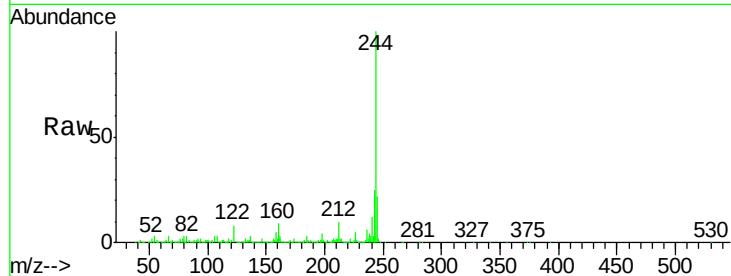
Tgt Ion:244 Resp: 1620033

Ion Ratio Lower Upper

244 100

212 10.4 10.8 16.2#

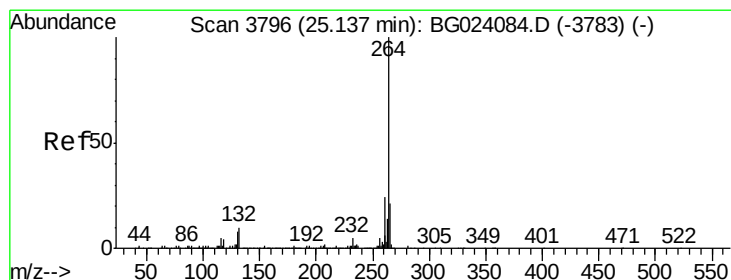
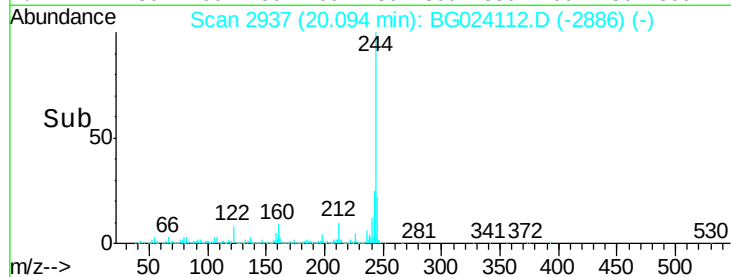
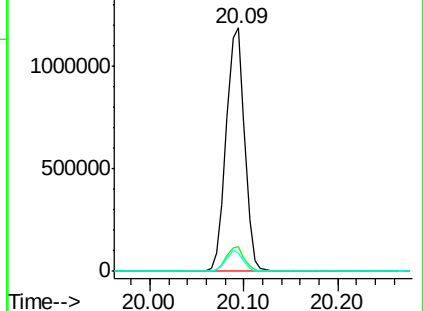
122 7.8 8.0 12.0#



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. -0.01 min

Lab File: BG024112.D

Acq: 24 Sep 2016 6:55

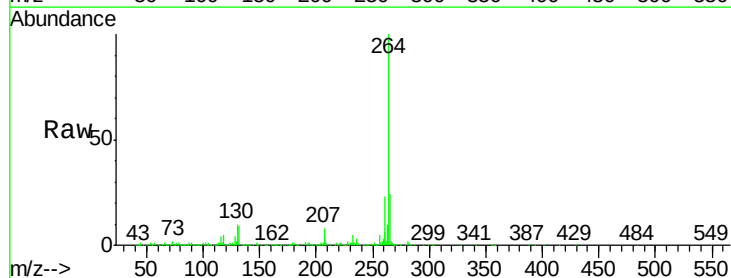
Tgt Ion:264 Resp: 387885

Ion Ratio Lower Upper

264 100

260 23.0 18.4 27.6

265 24.3 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

