

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 00:55:10 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

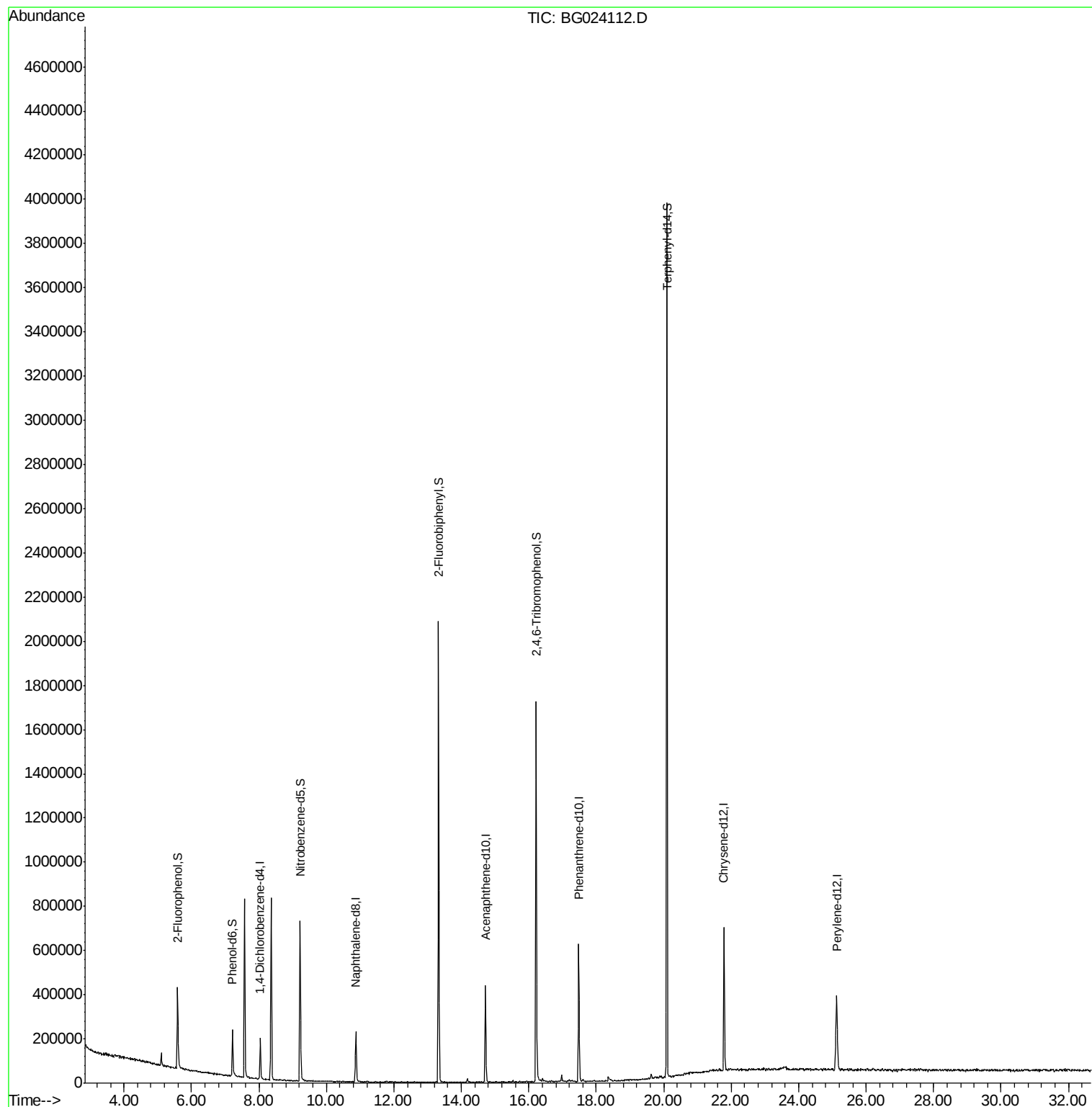
Target Compounds	Qvalue
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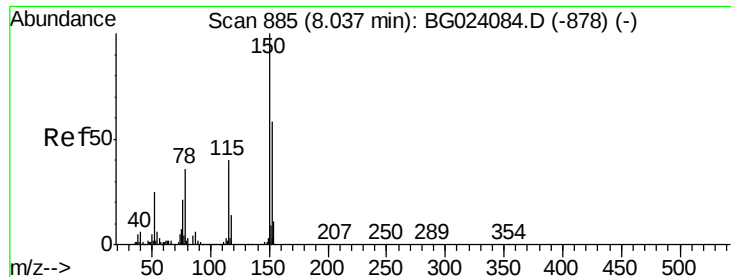
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

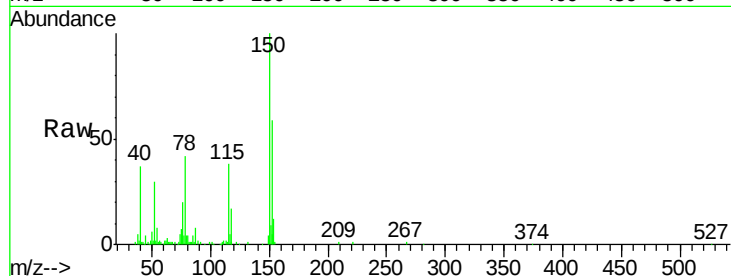
Tgt Ion:152 Resp: 42996

Ion Ratio Lower Upper

152 100

150 168.8 144.7 217.1

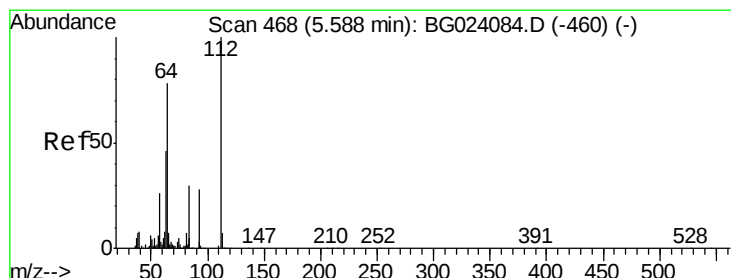
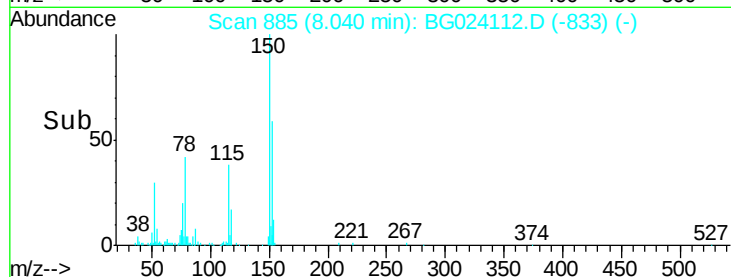
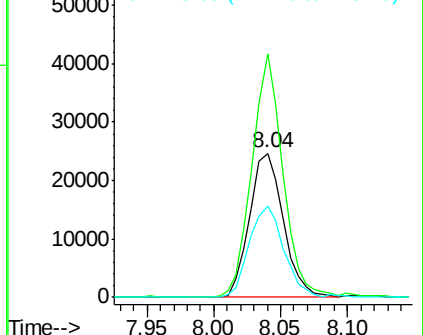
115 63.6 64.0 96.0#



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: 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

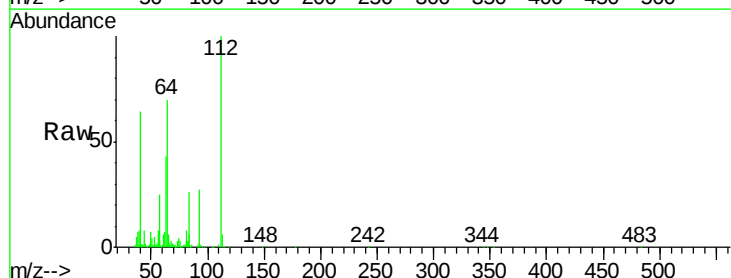
Tgt Ion:112 Resp: 156262

Ion Ratio Lower Upper

112 100

64 70.1 59.0 88.4

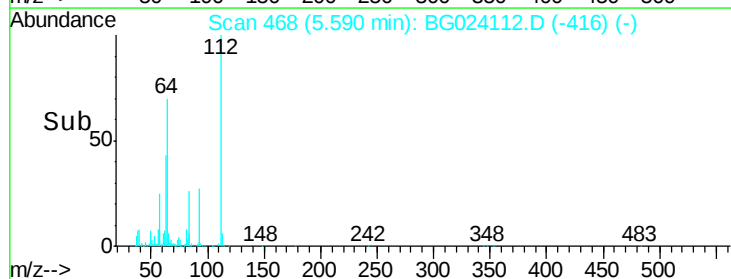
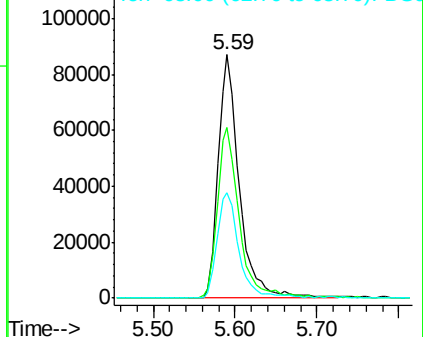
63 43.4 37.8 56.8

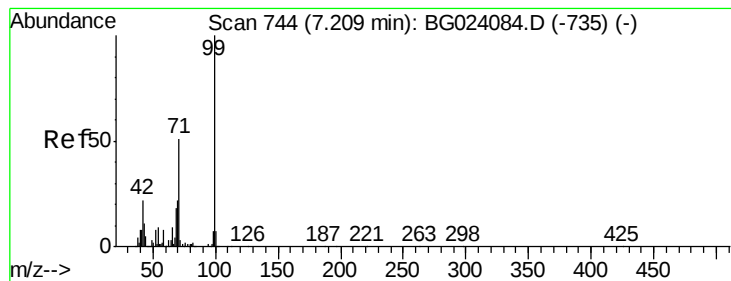


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#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

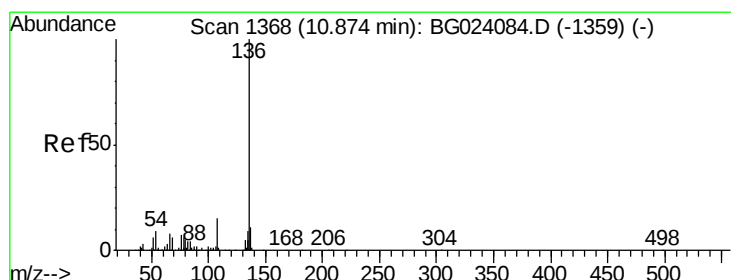
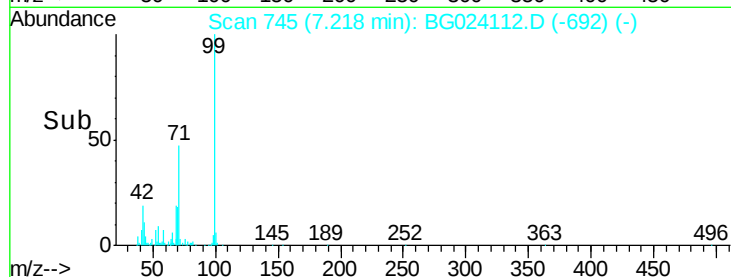
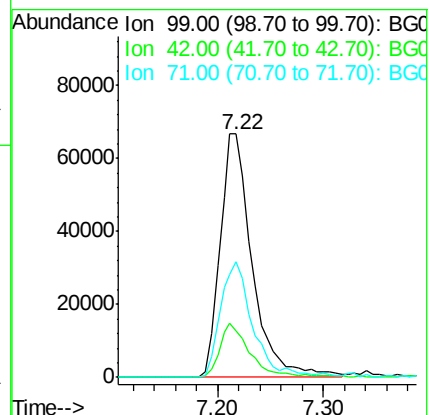
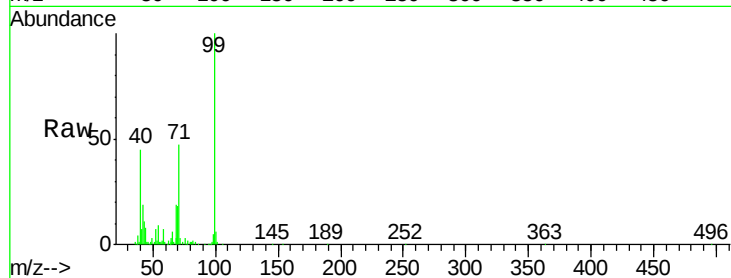
Tgt Ion: 99 Resp: 141200

Ion Ratio Lower Upper

99 100

42 19.0 17.8 26.6

71 47.5 41.5 62.3



#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

Tgt Ion: 136 Resp: 196681

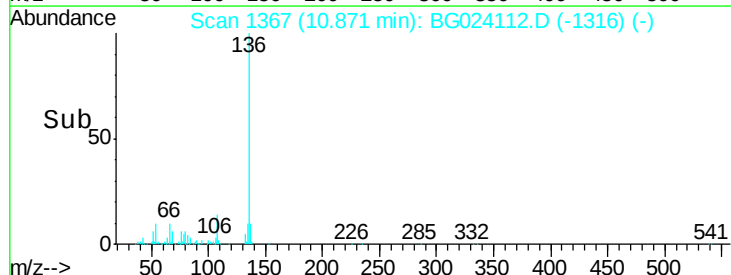
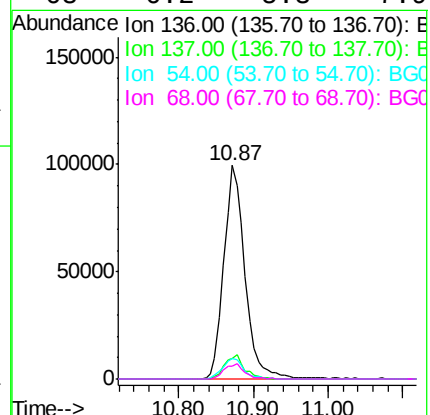
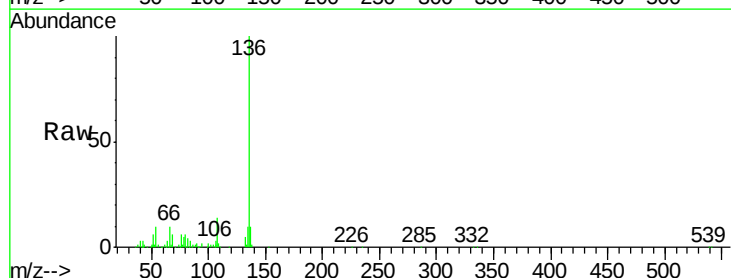
Ion Ratio Lower Upper

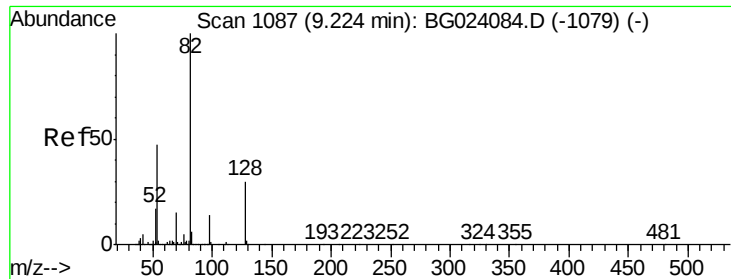
136 100

137 9.8 9.6 14.4

54 9.9 7.3 10.9

68 6.2 5.3 7.9

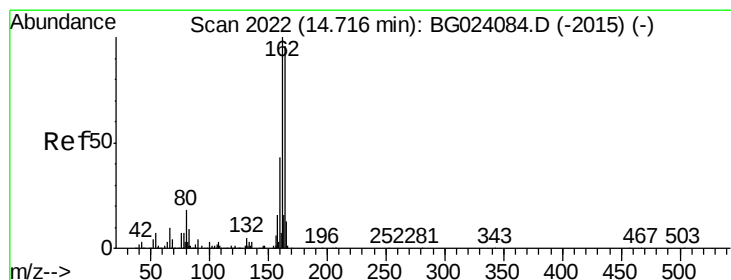
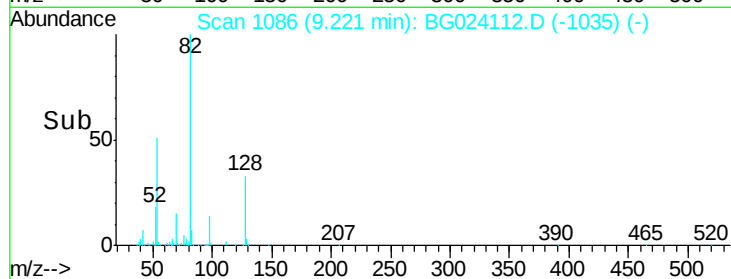
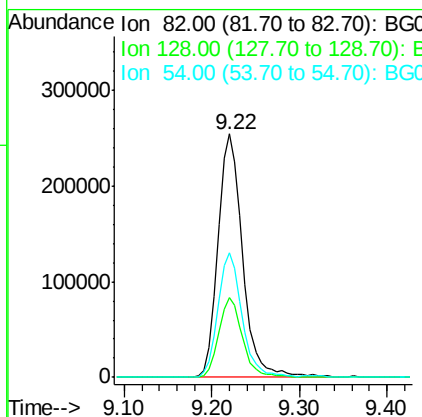
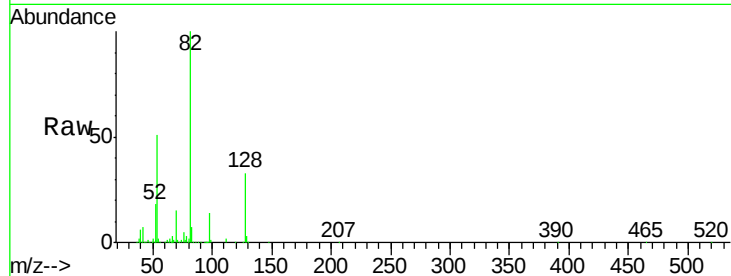




#23
 Nitrobenzene-d5
 Concen: 99.51 ng
 RT: 9.22 min Scan# 1086
 Delta R.T. -0.00 min
 Lab File: BG024112.D
 Acq: 24 Sep 2016 6:55

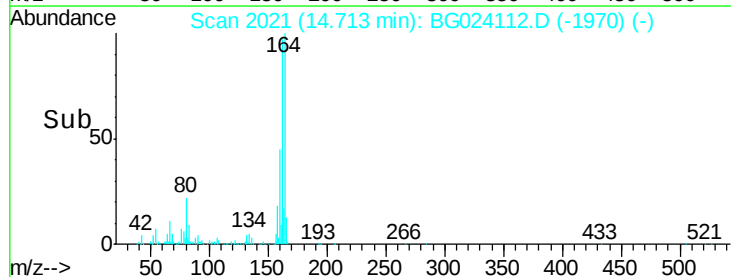
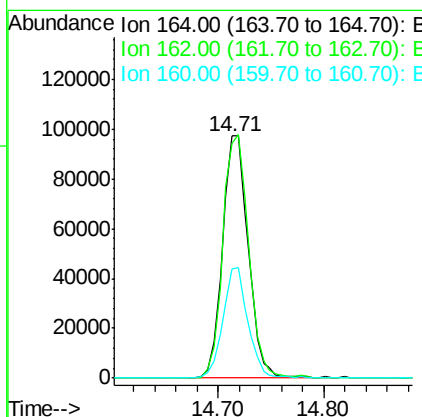
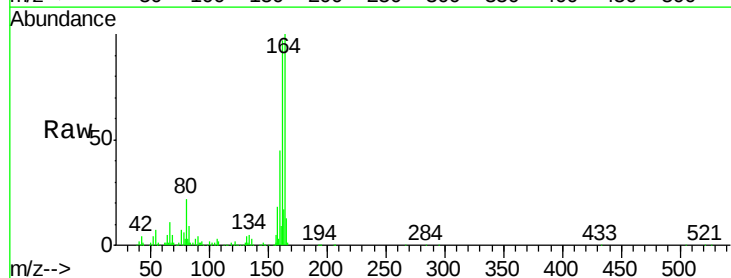
Instrument :
 BNA_G
 ClientSampleId :
 LIP-16

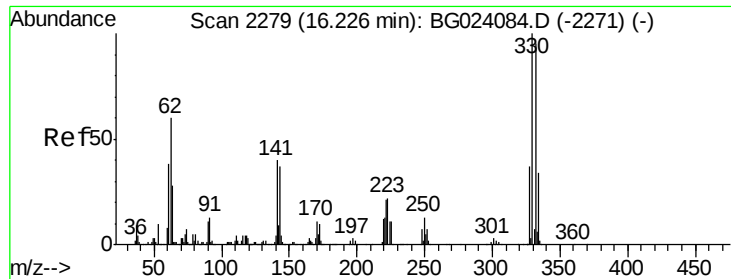
Tgt Ion	Ratio	Lower	Upper
82	100		
128	32.8	24.4	36.6
54	51.2	41.4	62.0



#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	Ratio	Lower	Upper
164	100		
162	97.0	87.7	131.5
160	44.9	37.2	55.8

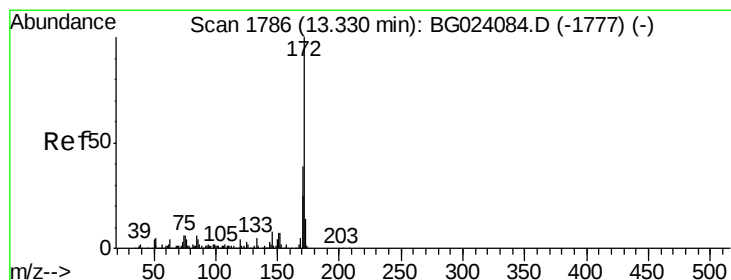
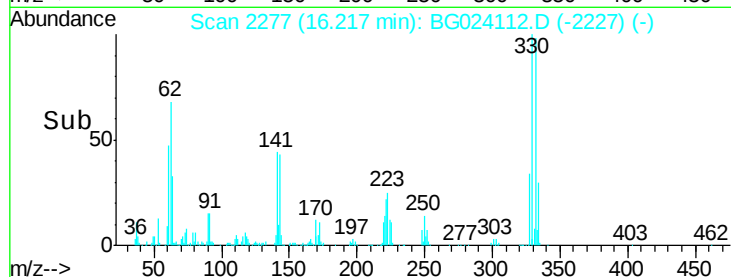
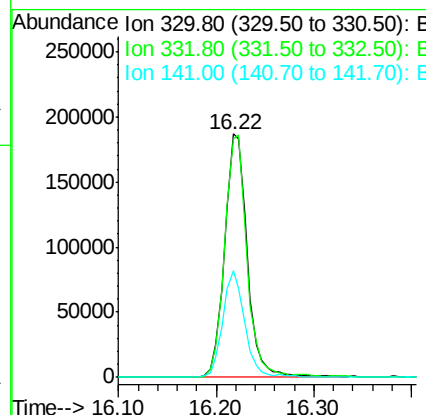
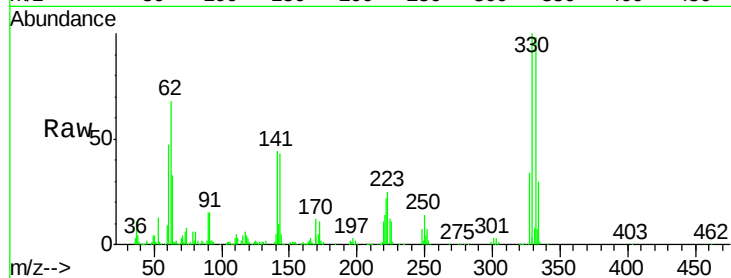




#41
 2,4,6-Tribromophenol
 Concen: 128.19 ng
 RT: 16.22 min Scan# 2277
 Delta R.T. -0.01 min
 Lab File: BG024112.D
 Acq: 24 Sep 2016 6:55

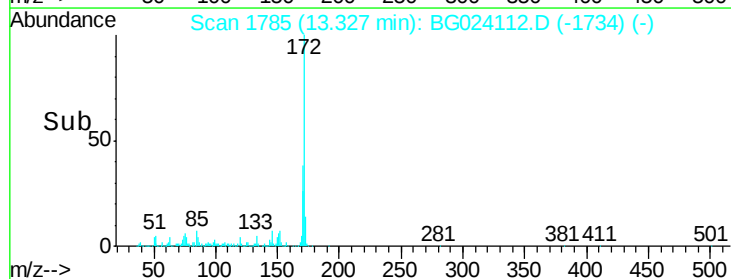
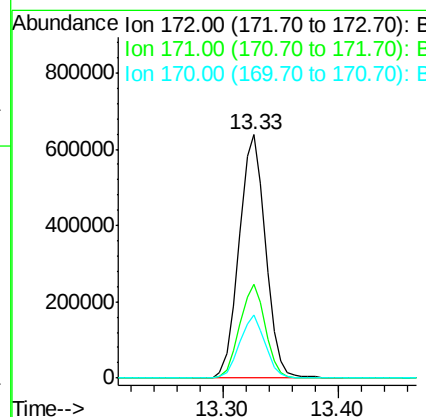
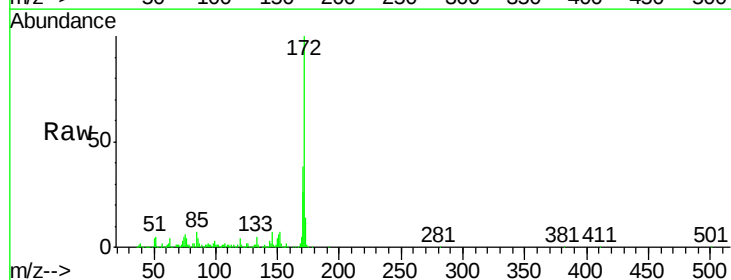
Instrument :
 BNA_G
 ClientSampleId :
 LIP-16

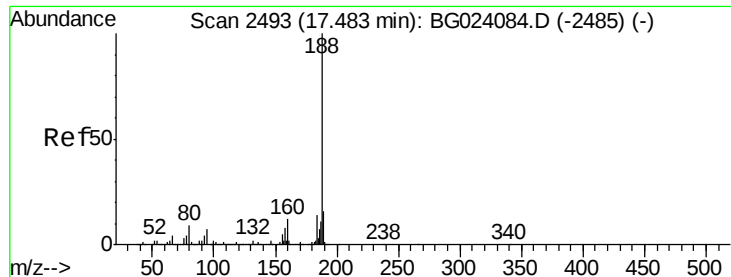
Tgt Ion:330 Resp: 301137
 Ion Ratio Lower Upper
 330 100
 332 98.1 77.4 116.2
 141 42.7 31.7 47.5



#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

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

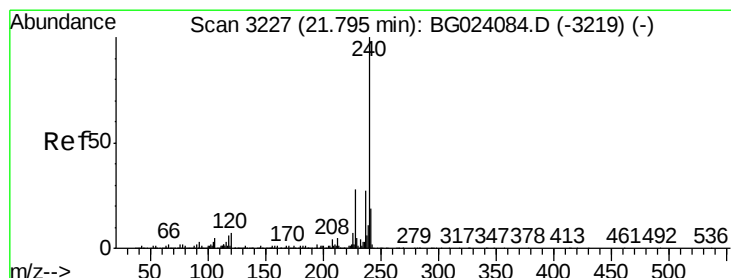
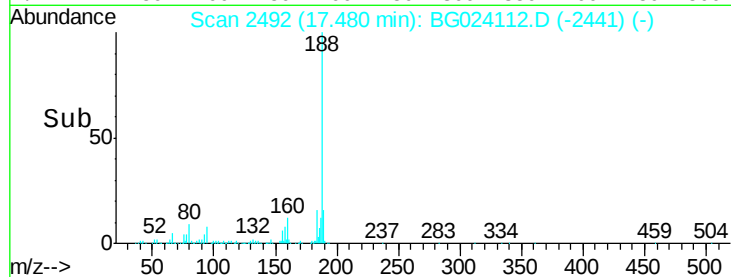
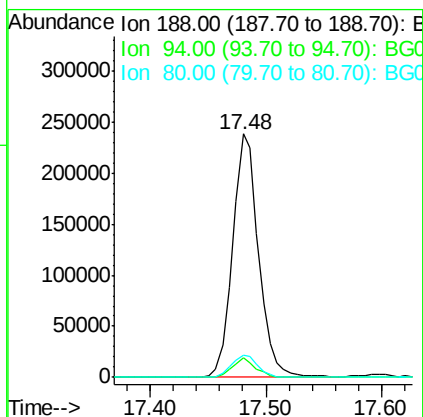
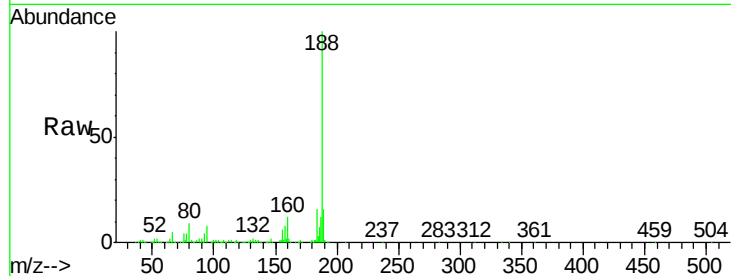




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.48 min Scan# 2492
 Delta R.T. -0.00 min
 Lab File: BG024112.D
 Acq: 24 Sep 2016 6:55

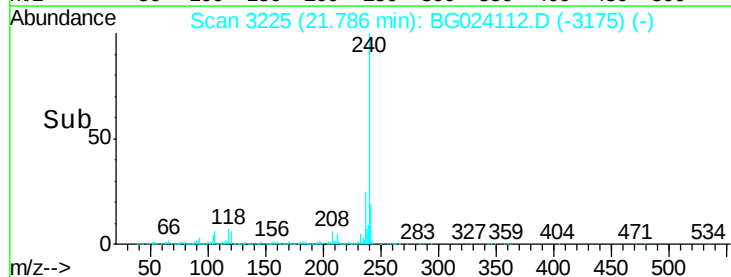
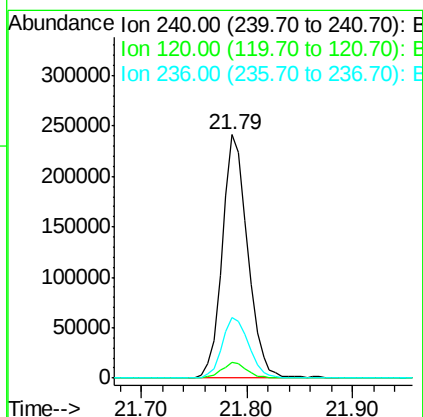
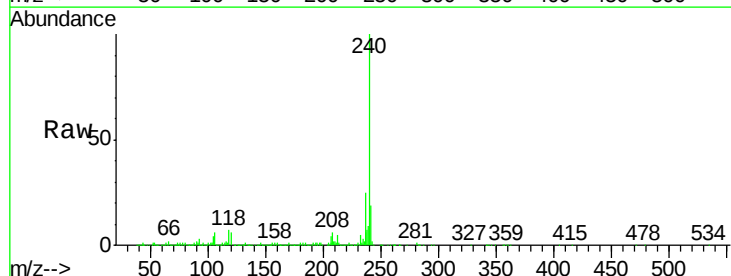
Instrument :
 BNA_G
 ClientSampleId :
 LIP-16

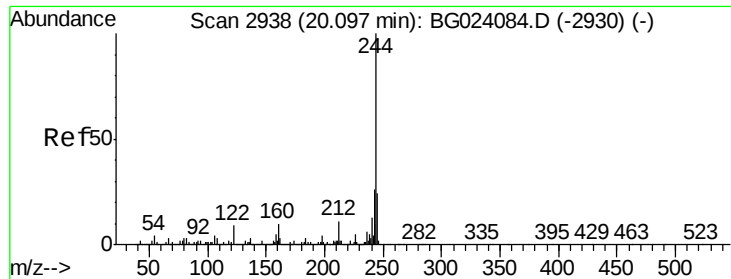
Tgt Ion:188 Resp: 369357
 Ion Ratio Lower Upper
 188 100
 94 7.9 5.2 7.8#
 80 9.1 7.2 10.8



#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





#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

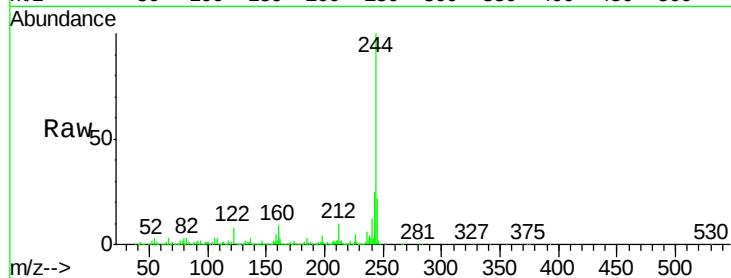
Tgt Ion:244 Resp: 1620033

Ion Ratio Lower Upper

244 100

212 10.4 10.8 16.2#

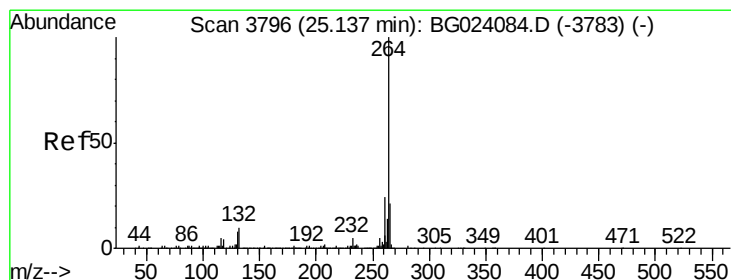
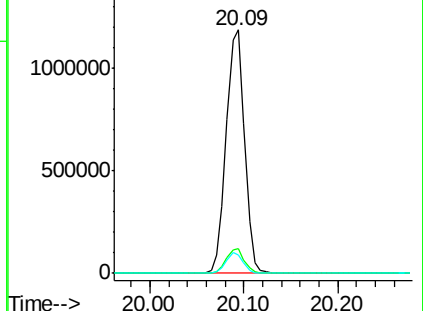
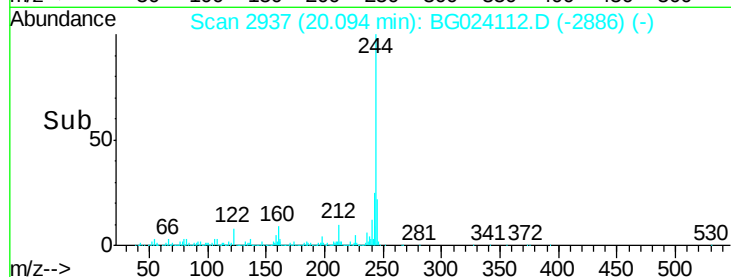
122 7.8 8.0 12.0#



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

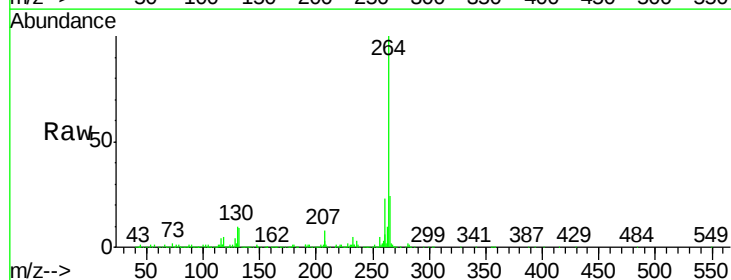
Tgt Ion:264 Resp: 387885

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

