

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041715\
 Data File : BG016528.D
 Acq On : 18 Apr 2015 19:39
 Operator : TP/IZ
 Sample : G1902-04
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LS-SB19B

Quant Time: Apr 20 04:10:10 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG040615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 20 03:57:28 2015
 Response via : Initial Calibration

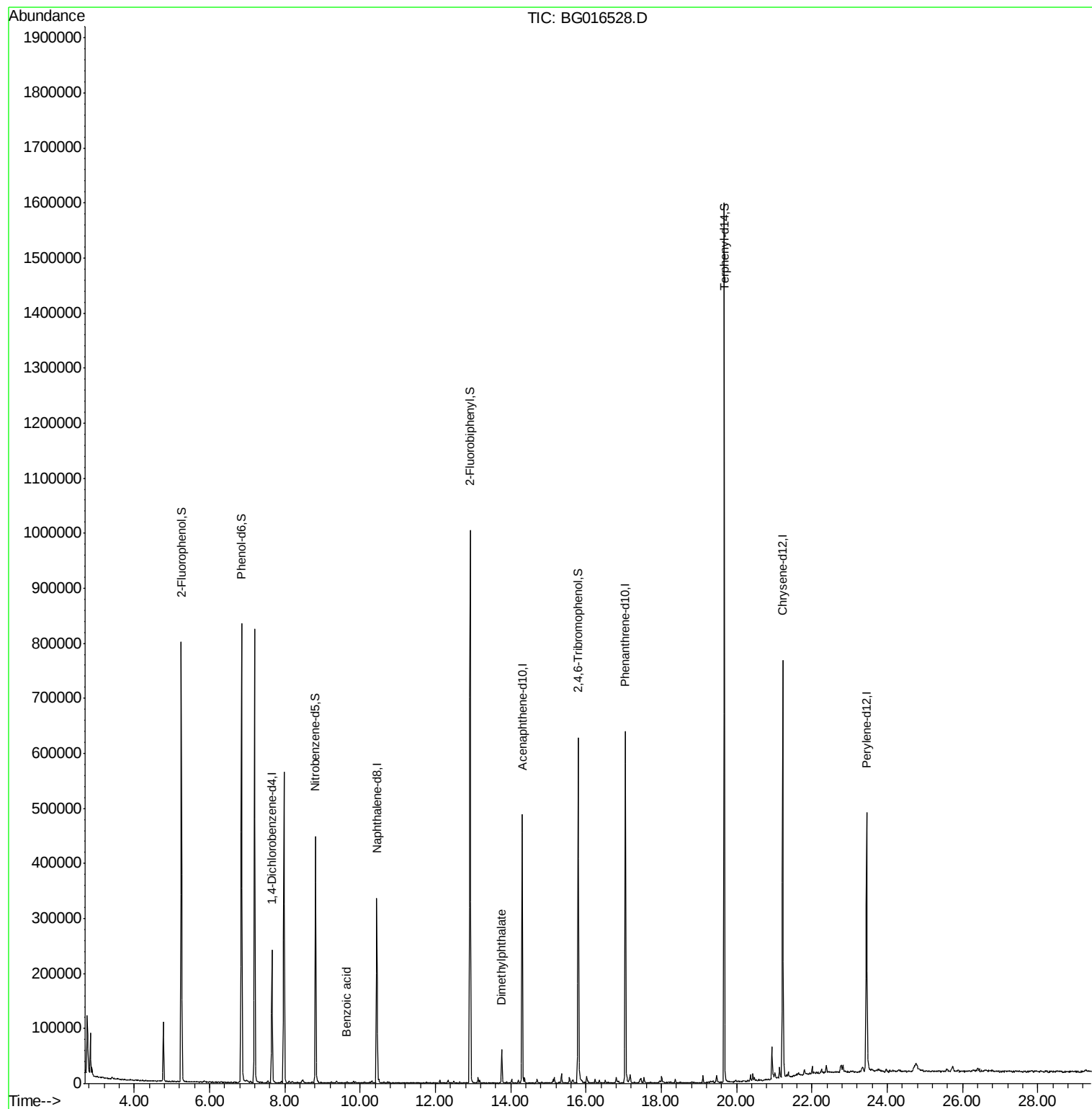
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	67360	20.00	ng	0.00
21) Naphthalene-d8	10.44	136	287460	20.00	ng	0.00
38) Acenaphthene-d10	14.30	164	161665	20.00	ng	0.00
63) Phenanthrene-d10	17.04	188	339299	20.00	ng	0.00
75) Chrysene-d12	21.22	240	306757	20.00	ng	0.00
86) Perylene-d12	23.45	264	286702	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	381469	89.38	ng	0.00
7) Phenol-d6	6.85	99	535307	83.55	ng	0.00
23) Nitrobenzene-d5	8.82	82	266017	53.61	ng	0.00
41) 2,4,6-Tribromophenol	15.80	330	93377	85.41	ng	0.00
44) 2-Fluorobiphenyl	12.92	172	528281	55.64	ng	0.00
78) Terphenyl-d14	19.67	244	597266	45.57	ng	0.00
Target Compounds						
32) Benzoic acid	9.64	122	1239	9.07	ng	Qvalue # 14
49) Dimethylphthalate	13.76	163	43055	3.63	ng	98

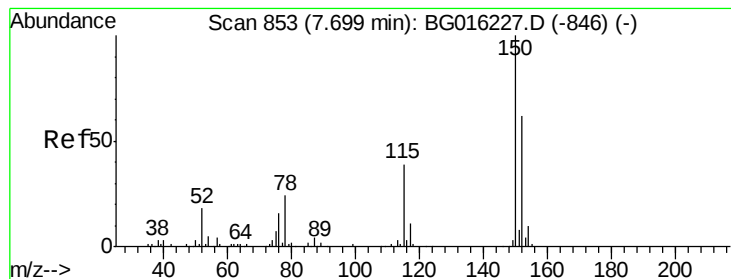
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.66 min Scan# 846

Delta R.T. -0.00 min

Lab File: BG016528.D

Acq: 18 Apr 2015 19:39

Instrument :

BNA_G

ClientSampleId :

LS-SB19B

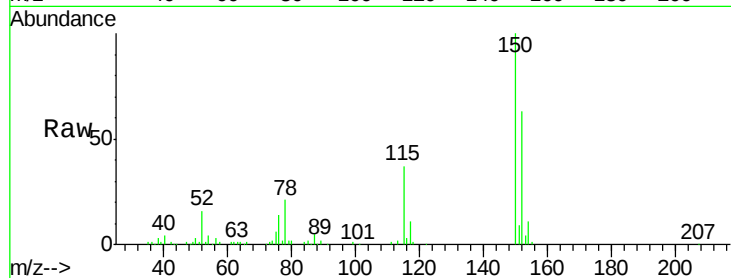
Tgt Ion:152 Resp: 67360

Ion Ratio Lower Upper

152 100

150 158.4 130.1 195.1

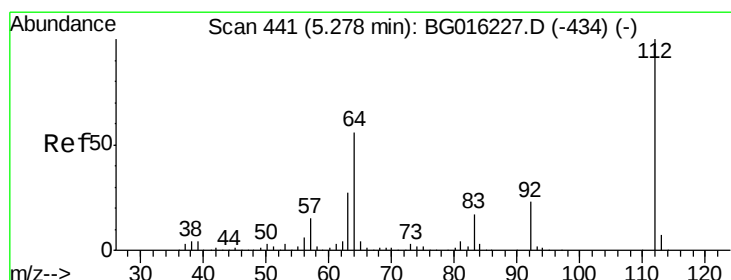
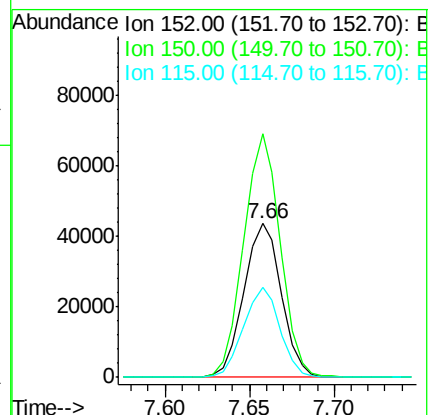
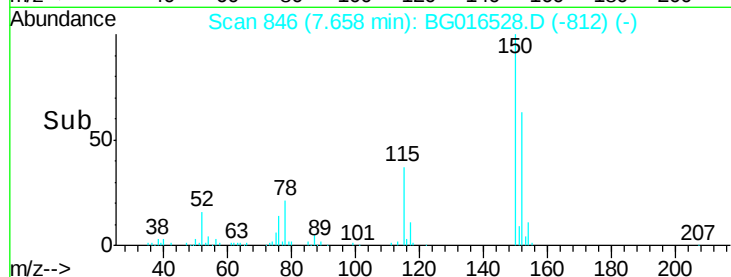
115 58.2 50.5 75.7



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: 89.38 ng

RT: 5.25 min Scan# 436

Delta R.T. -0.00 min

Lab File: BG016528.D

Acq: 18 Apr 2015 19:39

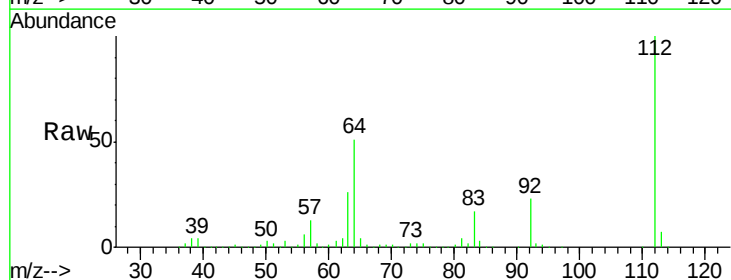
Tgt Ion:112 Resp: 381469

Ion Ratio Lower Upper

112 100

64 50.8 44.5 66.7

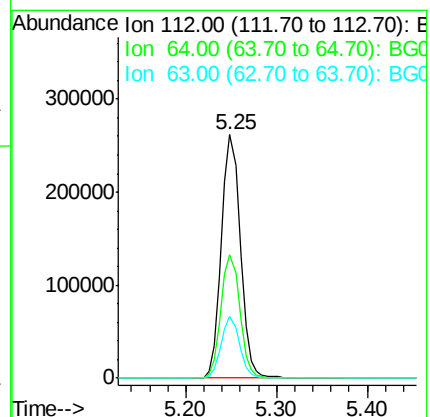
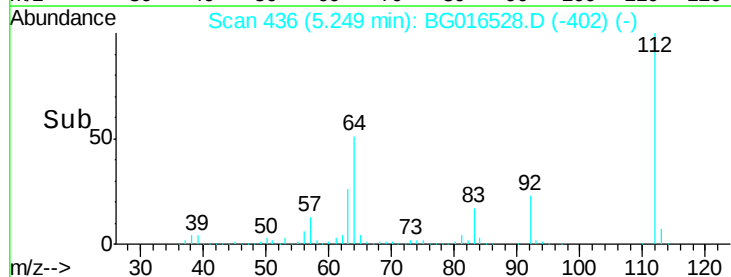
63 25.5 21.4 32.0



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: 83.55 ng

RT: 6.85 min Scan# 708

Delta R.T. -0.00 min

Lab File: BG016528.D

Acq: 18 Apr 2015 19:39

Instrument :

BNA_G

ClientSampleId :

LS-SB19B

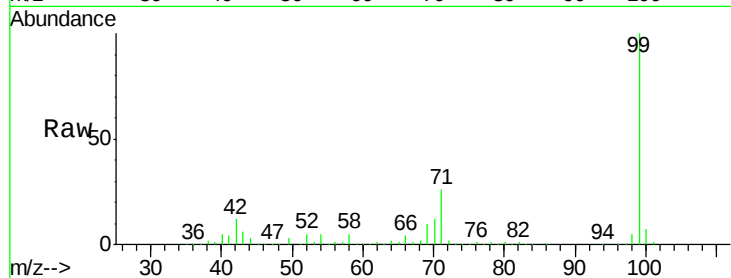
Tgt Ion: 99 Resp: 535307

Ion Ratio Lower Upper

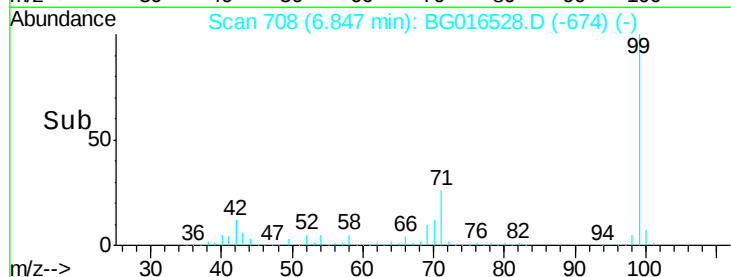
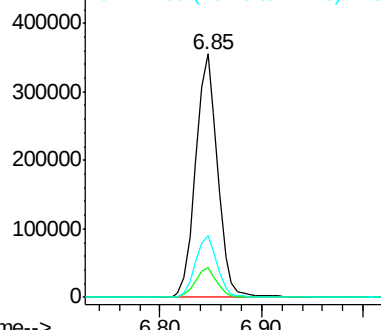
99 100

42 12.3 10.0 15.0

71 25.6 21.5 32.3



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.44 min Scan# 1320

Delta R.T. -0.00 min

Lab File: BG016528.D

Acq: 18 Apr 2015 19:39

Tgt Ion: 136 Resp: 287460

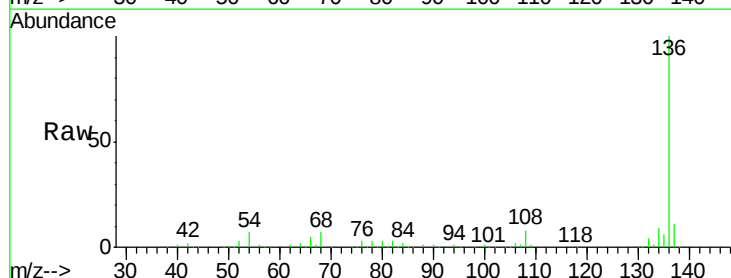
Ion Ratio Lower Upper

136 100

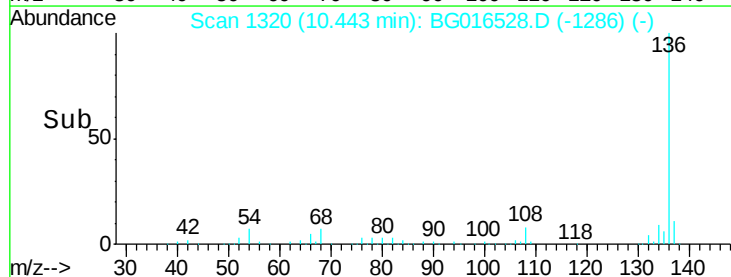
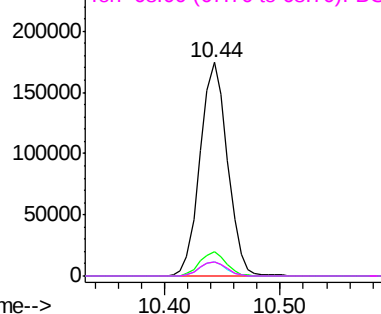
137 11.2 8.7 13.1

54 6.9 6.3 9.5

68 6.9 6.5 9.7



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

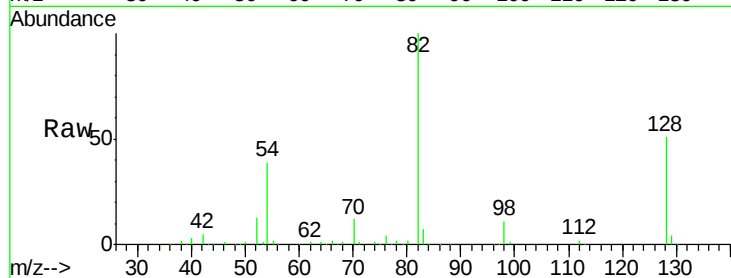




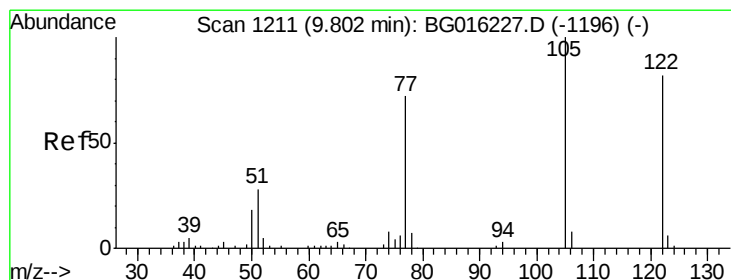
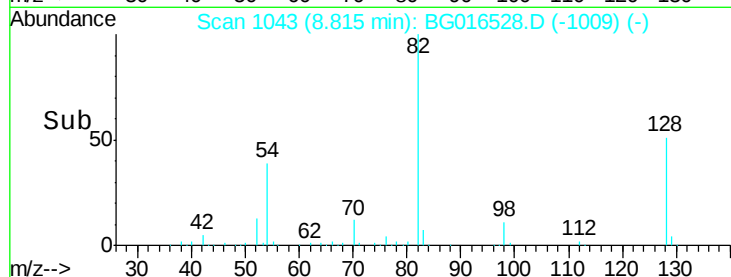
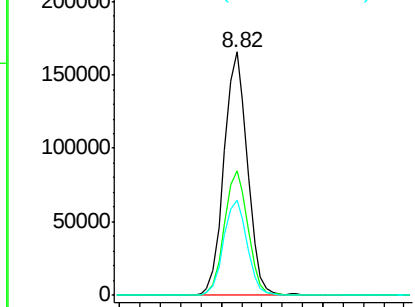
#23
 Nitrobenzene-d5
 Concen: 53.61 ng
 RT: 8.82 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: BG016528.D
 Acq: 18 Apr 2015 19:39

Instrument :
 BNA_G
 ClientSampled :
 LS-SB19B

Tgt Ion: 82 Resp: 266017
 Ion Ratio Lower Upper
 82 100
 128 51.3 37.8 56.8
 54 39.0 32.6 49.0

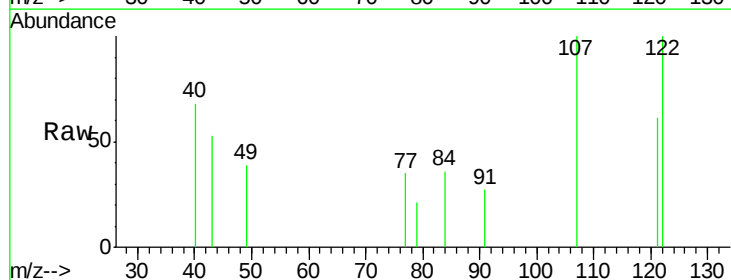


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

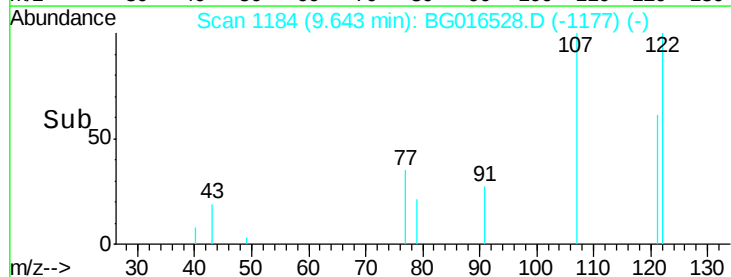
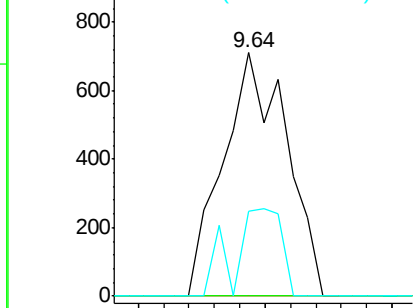


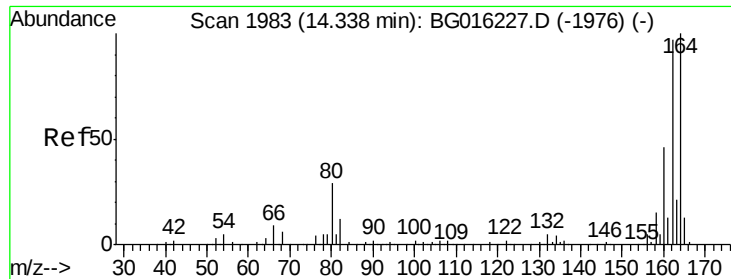
#32
 Benzoic acid
 Concen: 9.07 ng
 RT: 9.64 min Scan# 1184
 Delta R.T. -0.16 min
 Lab File: BG016528.D
 Acq: 18 Apr 2015 19:39

Tgt Ion: 122 Resp: 1239
 Ion Ratio Lower Upper
 122 100
 105 0.0 99.7 139.7#
 77 34.9 66.8 106.8#



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





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.30 min Scan# 1977

Delta R.T. -0.00 min

Lab File: BG016528.D

Acq: 18 Apr 2015 19:39

Instrument :

BNA_G

ClientSampleId :

LS-SB19B

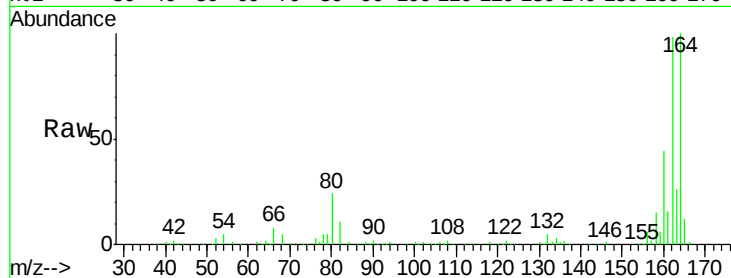
Tgt Ion:164 Resp: 161665

Ion Ratio Lower Upper

164 100

162 97.6 77.3 115.9

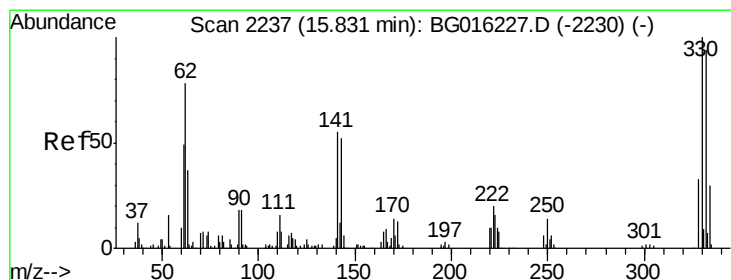
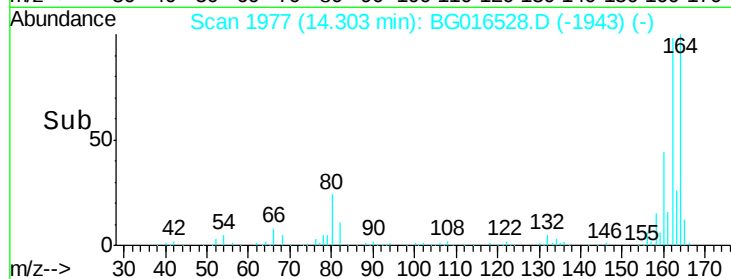
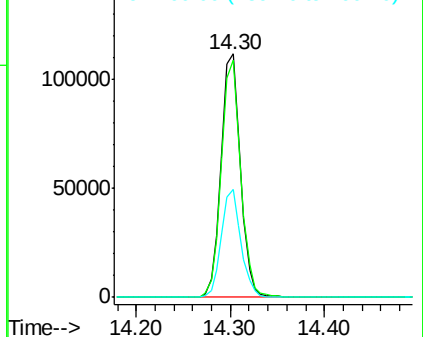
160 44.2 36.7 55.1



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: 85.41 ng

RT: 15.80 min Scan# 2231

Delta R.T. -0.00 min

Lab File: BG016528.D

Acq: 18 Apr 2015 19:39

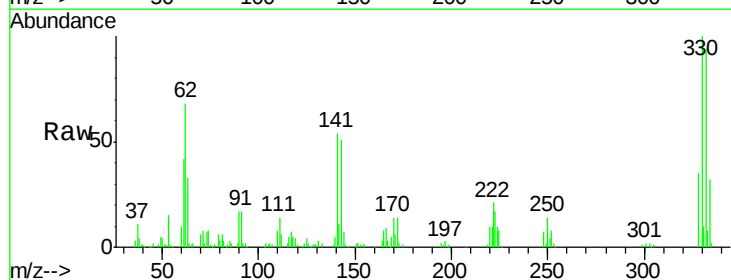
Tgt Ion:330 Resp: 93377

Ion Ratio Lower Upper

330 100

332 94.0 75.8 113.6

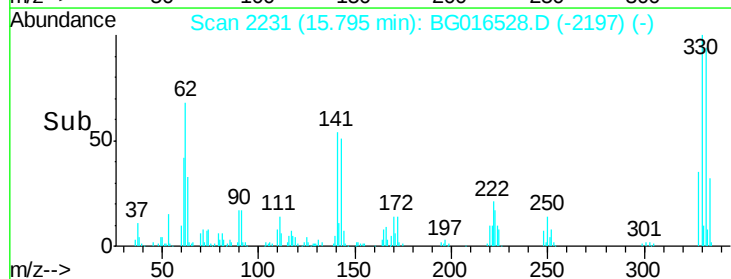
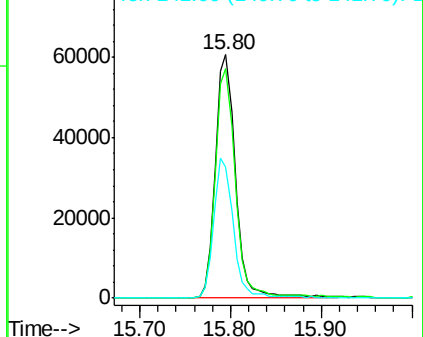
141 56.4 46.6 69.8

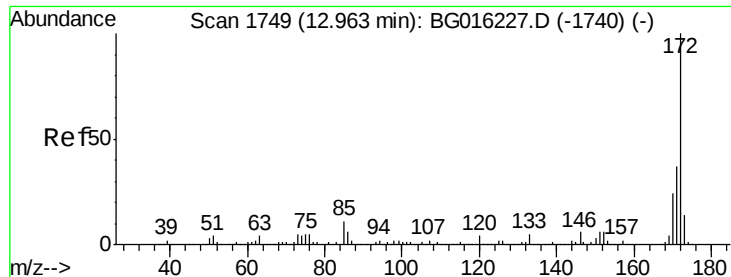


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

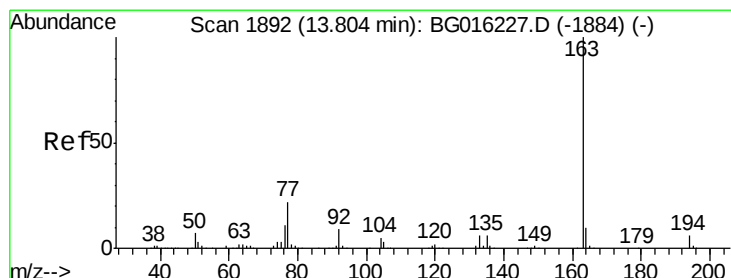
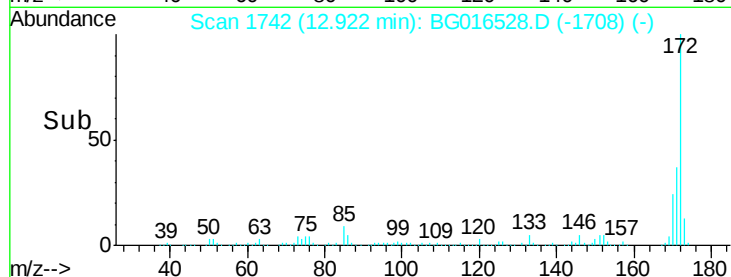
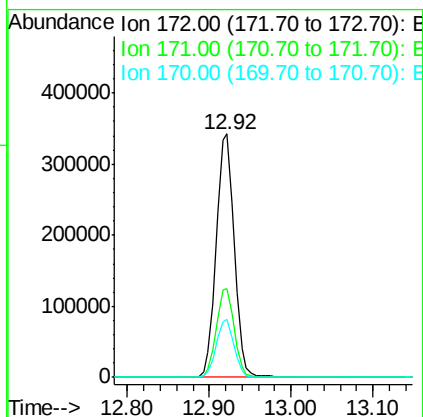
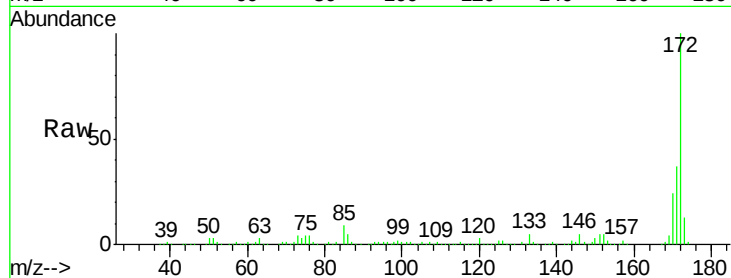




#44
 2-Fluorobiphenyl
 Concen: 55.64 ng
 RT: 12.92 min Scan# 1742
 Delta R.T. -0.00 min
 Lab File: BG016528.D
 Acq: 18 Apr 2015 19:39

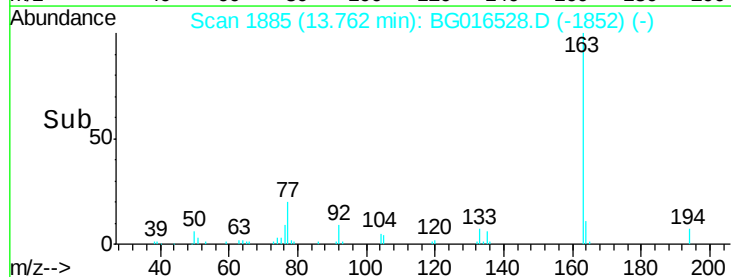
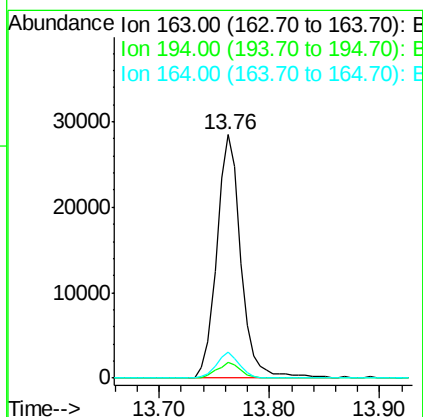
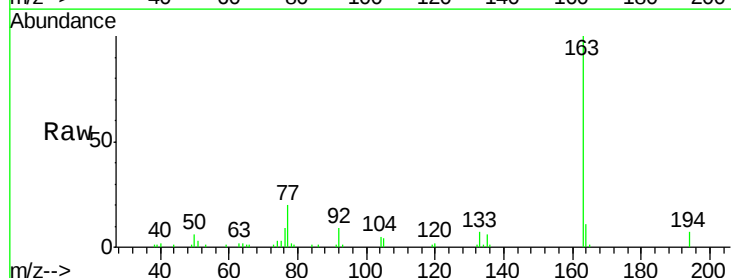
Instrument :
 BNA_G
 ClientSampleId :
 LS-SB19B

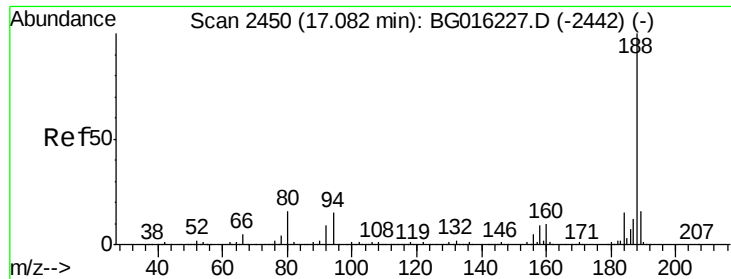
Tgt Ion:172 Resp: 528281
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.6 44.4
 170 23.8 19.4 29.2



#49
 Dimethylphthalate
 Concen: 3.63 ng
 RT: 13.76 min Scan# 1885
 Delta R.T. -0.01 min
 Lab File: BG016528.D
 Acq: 18 Apr 2015 19:39

Tgt Ion:163 Resp: 43055
 Ion Ratio Lower Upper
 163 100
 194 6.7 5.0 7.4
 164 10.9 8.2 12.4

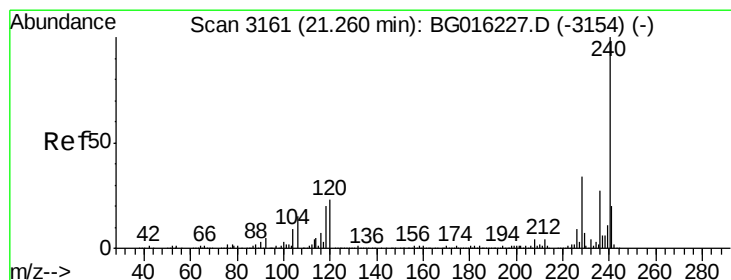
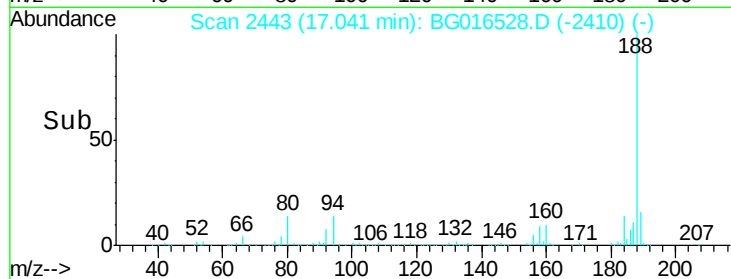
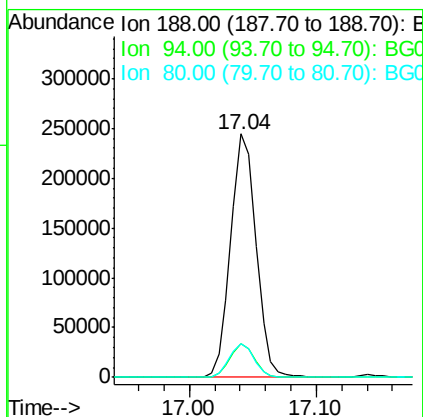
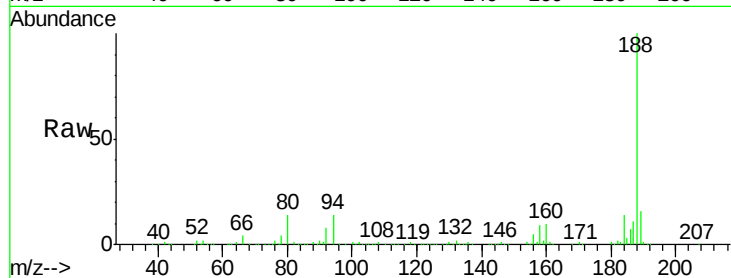




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.04 min Scan# 2443
Delta R.T. -0.01 min
Lab File: BG016528.D
Acq: 18 Apr 2015 19:39

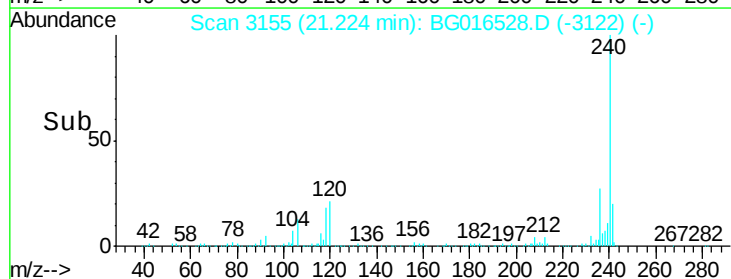
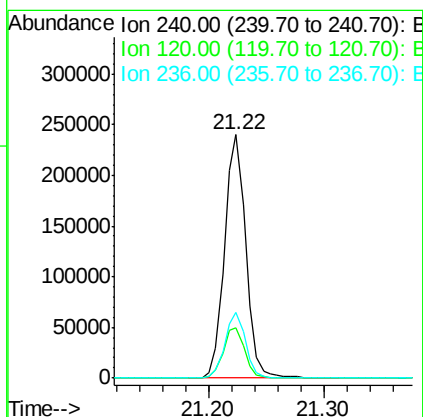
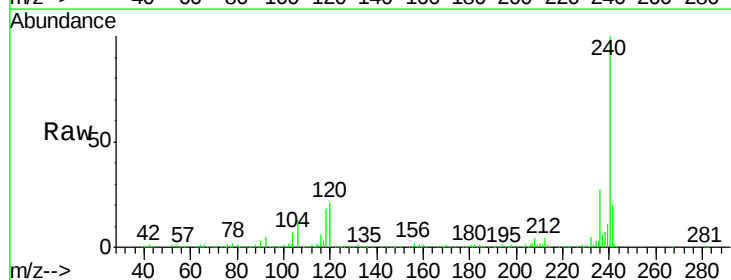
Instrument :
BNA_G
ClientSampleId :
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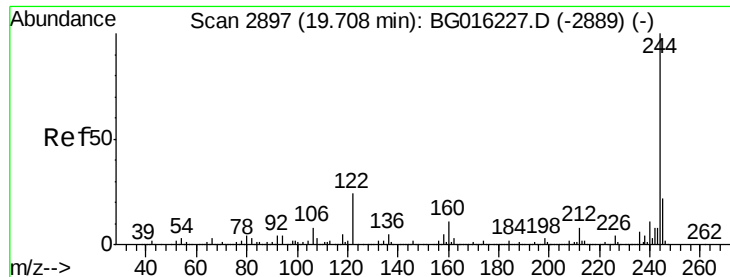
Tgt Ion:188 Resp: 339299
Ion Ratio Lower Upper
188 100
94 14.1 12.2 18.4
80 13.9 12.8 19.2



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.22 min Scan# 3155
Delta R.T. -0.01 min
Lab File: BG016528.D
Acq: 18 Apr 2015 19:39

Tgt Ion:240 Resp: 306757
Ion Ratio Lower Upper
240 100
120 20.8 18.6 28.0
236 26.9 21.7 32.5





#78

Terphenyl-d14

Concen: 45.57 ng

RT: 19.67 min Scan# 2891

Delta R.T. -0.00 min

Lab File: BG016528.D

Acq: 18 Apr 2015 19:39

Instrument :

BNA_G

ClientSampleId :

LS-SB19B

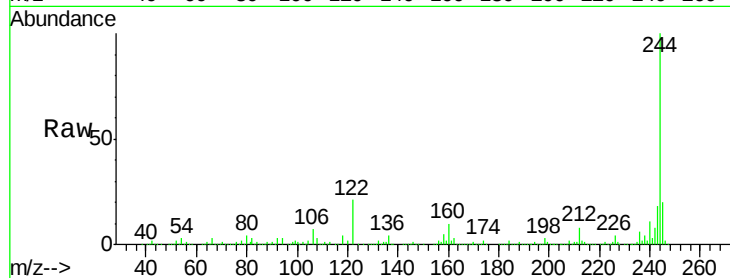
Tgt Ion:244 Resp: 597266

Ion Ratio Lower Upper

244 100

212 7.8 6.6 9.8

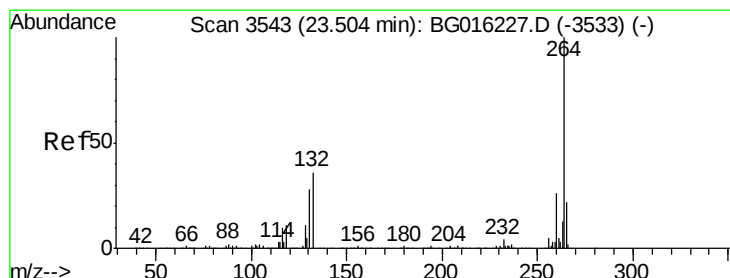
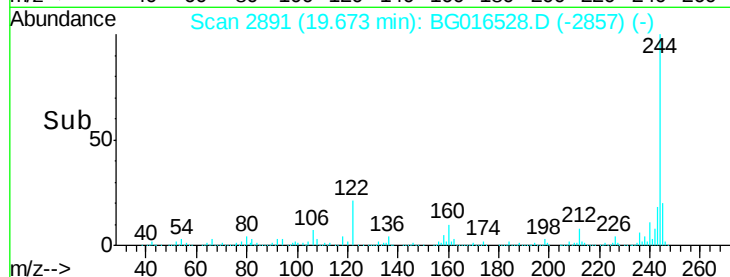
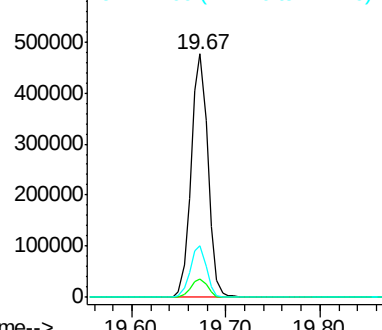
122 21.0 19.1 28.7



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: 23.45 min Scan# 3534

Delta R.T. -0.01 min

Lab File: BG016528.D

Acq: 18 Apr 2015 19:39

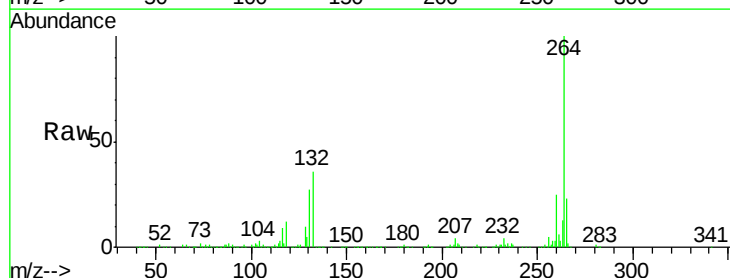
Tgt Ion:264 Resp: 286702

Ion Ratio Lower Upper

264 100

260 25.4 20.4 30.6

265 23.1 17.2 25.8



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

