

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041515\
 Data File : BG016419.D
 Acq On : 15 Apr 2015 12:57
 Operator : TP/IZ
 Sample : G1791-11
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LS-SD04C

Quant Time: Apr 16 03:20:15 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG040615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 14 14:00:56 2015
 Response via : Initial Calibration

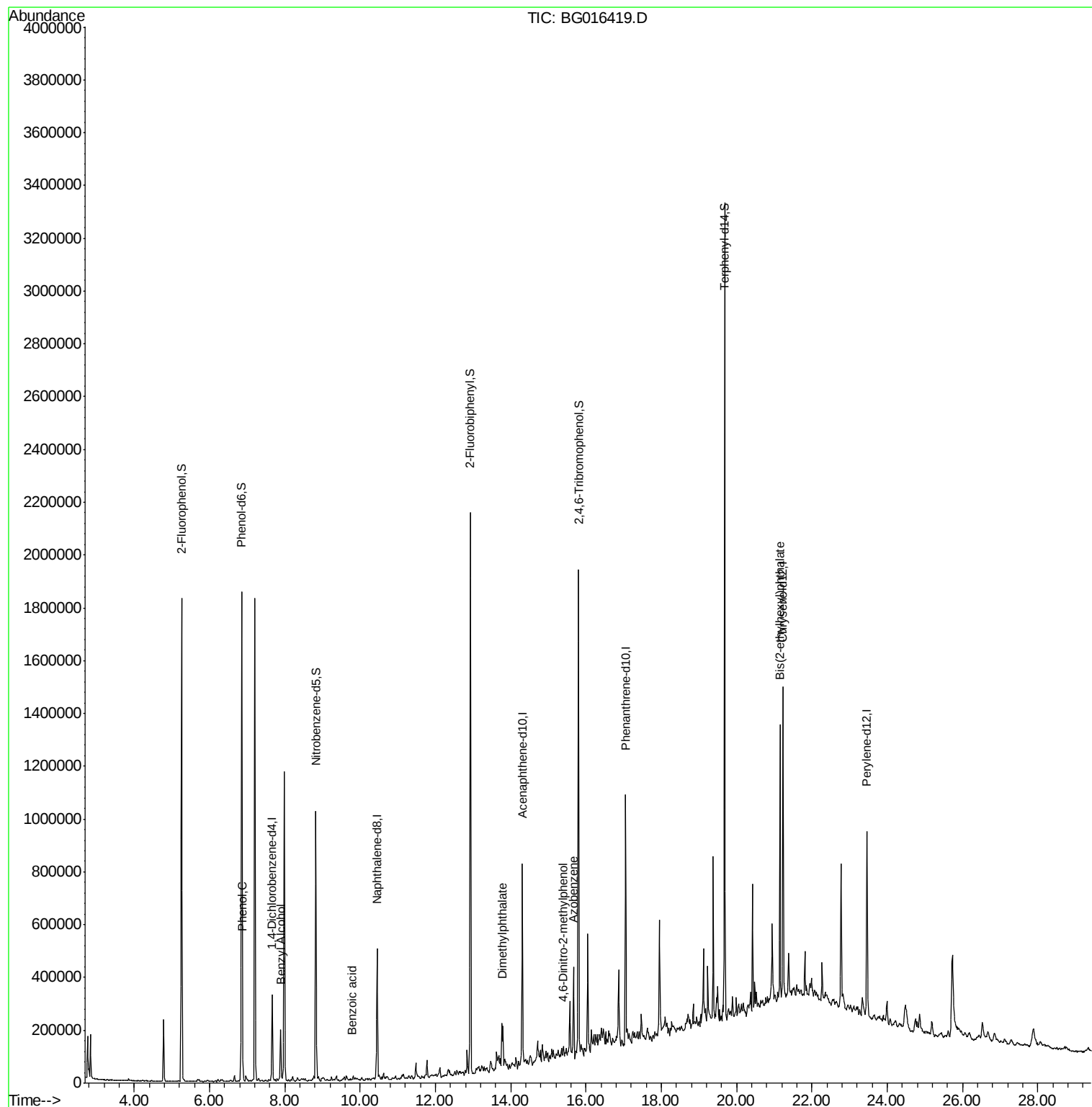
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	90737	20.00	ng	0.00
21) Naphthalene-d8	10.45	136	413498	20.00	ng	-0.01
38) Acenaphthene-d10	14.31	164	240650	20.00	ng	0.00
63) Phenanthrene-d10	17.05	188	503528	20.00	ng	0.00
75) Chrysene-d12	21.23	240	425686	20.00	ng	0.00
86) Perylene-d12	23.46	264	400696	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	831643	144.65	ng	0.00
7) Phenol-d6	6.85	99	1170371	135.60	ng	0.00
23) Nitrobenzene-d5	8.83	82	603327	84.52	ng	0.00
41) 2,4,6-Tribromophenol	15.80	330	237411	145.87	ng	0.00
44) 2-Fluorobiphenyl	12.93	172	1041128	73.66	ng	0.00
78) Terphenyl-d14	19.68	244	1169915	64.32	ng	0.00
Target Compounds						
10) Phenol	6.88	94	31887	3.45	ng	92
15) Benzyl Alcohol	7.88	79	15510	2.58	ng	# 53
32) Benzoic acid	9.77	122	53	8.74	ng	# 1
49) Dimethylphthalate	13.77	163	91454	5.19	ng	99
62) Azobenzene	15.67	77	83614	4.18	ng	# 1
64) 4,6-Dinitro-2-methylphenol	15.40	198	63	3.90	ng	# 1
83) Bis(2-ethylhexyl)phthalate	21.15	149	326472	16.56	ng	99

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

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Quant Time: Apr 16 03:20:15 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG040615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 14 14:00:56 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.66 min Scan# 847

Delta R.T. -0.01 min

Lab File: BG016419.D

Acq: 15 Apr 2015 12:57

Instrument :

BNA_G

ClientSampleId :

LS-SD04C

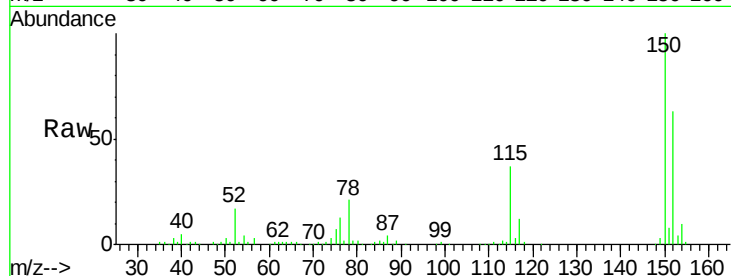
Tgt Ion:152 Resp: 90737

Ion Ratio Lower Upper

152 100

150 157.7 130.1 195.1

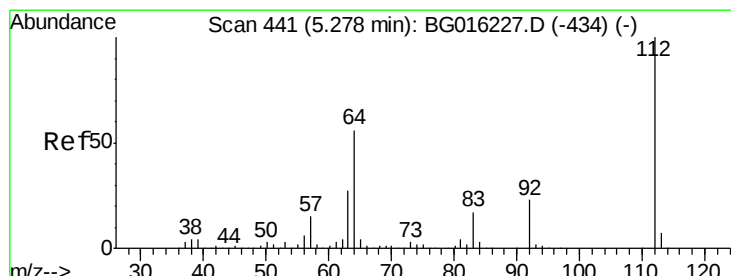
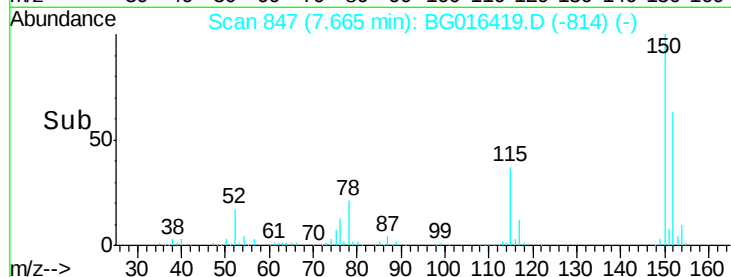
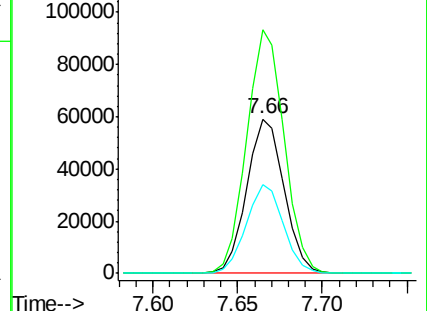
115 57.7 50.5 75.7



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: 144.65 ng

RT: 5.26 min Scan# 437

Delta R.T. -0.01 min

Lab File: BG016419.D

Acq: 15 Apr 2015 12:57

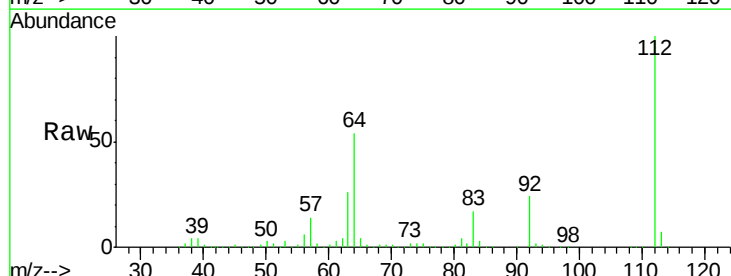
Tgt Ion:112 Resp: 831643

Ion Ratio Lower Upper

112 100

64 53.8 44.5 66.7

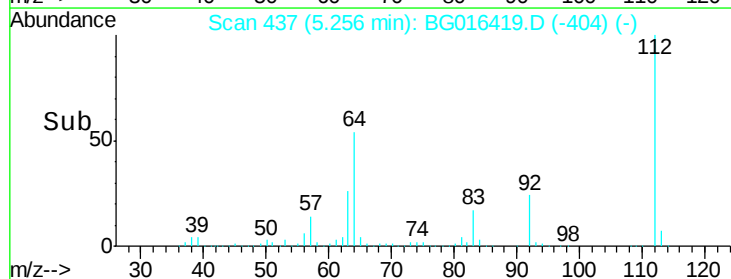
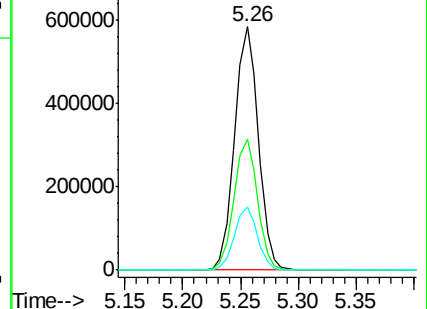
63 26.0 21.4 32.0

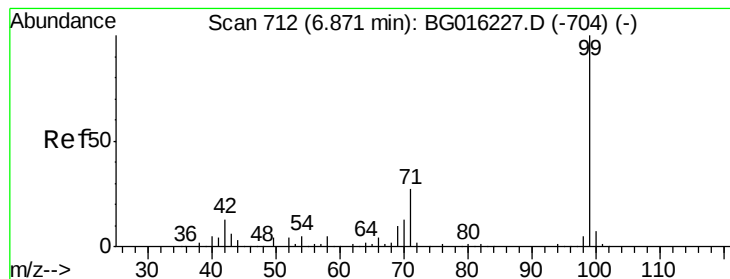


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 135.60 ng

RT: 6.85 min Scan# 709

Delta R.T. -0.01 min

Lab File: BG016419.D

Acq: 15 Apr 2015 12:57

Instrument :

BNA_G

ClientSampleId :

LS-SD04C

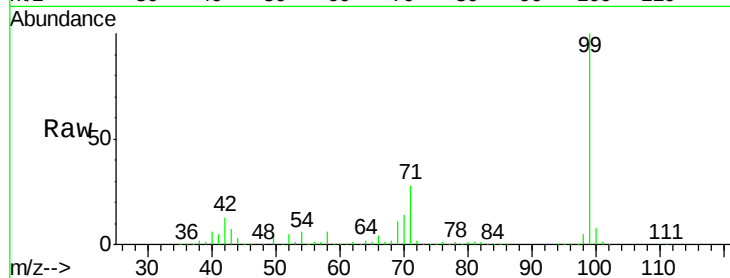
Tgt Ion: 99 Resp: 1170371

Ion Ratio Lower Upper

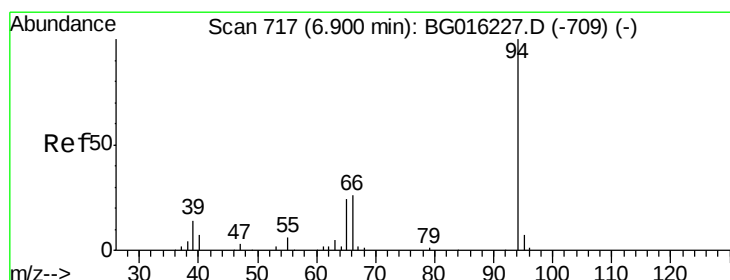
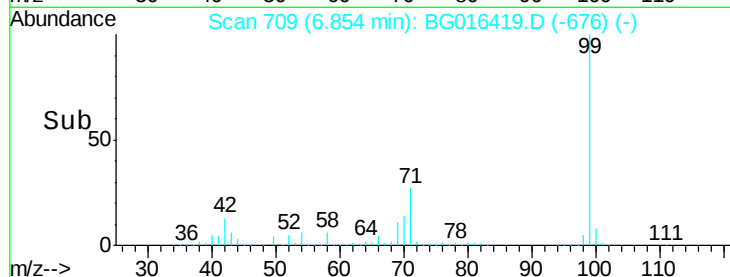
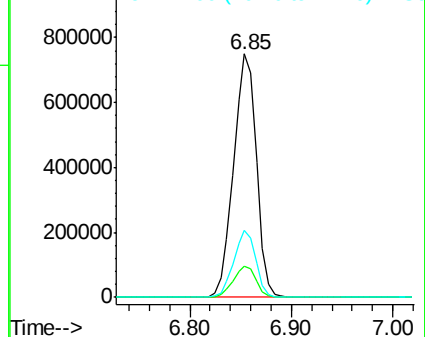
99 100

42 13.0 10.0 15.0

71 27.6 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



#10

Phenol

Concen: 3.45 ng

RT: 6.88 min Scan# 713

Delta R.T. -0.01 min

Lab File: BG016419.D

Acq: 15 Apr 2015 12:57

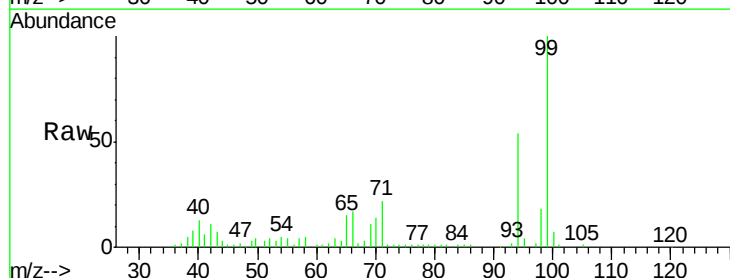
Tgt Ion: 94 Resp: 31887

Ion Ratio Lower Upper

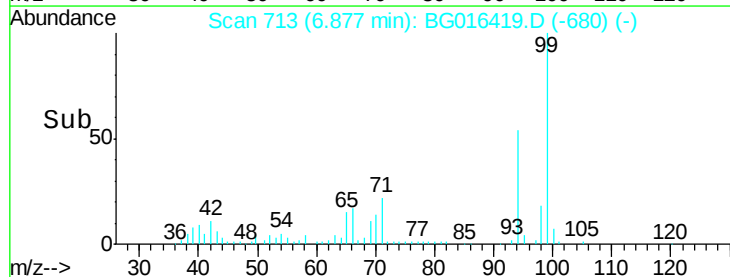
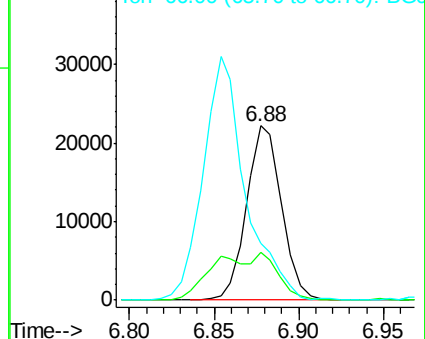
94 100

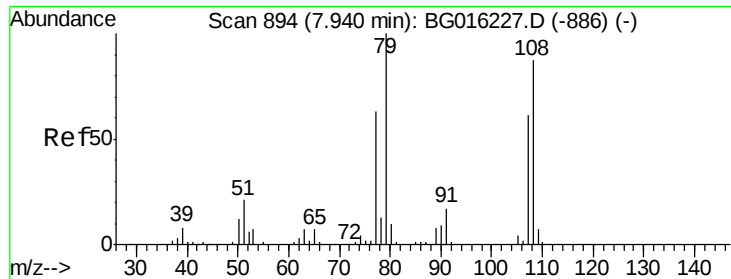
65 27.3 3.8 43.8

66 32.3 7.4 47.4



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC





#15

Benzyl Alcohol

Concen: 2.58 ng

RT: 7.88 min Scan# 884

Delta R.T. -0.04 min

Lab File: BG016419.D

Acq: 15 Apr 2015 12:57

Instrument :

BNA_G

ClientSampleId :

LS-SD04C

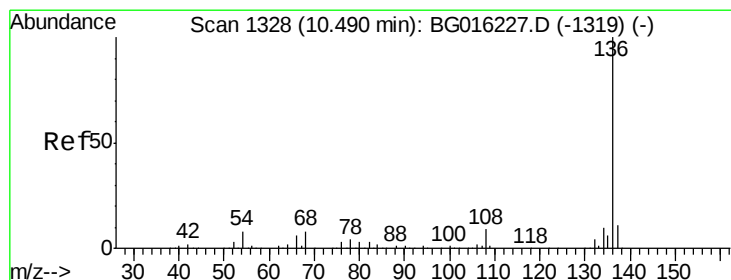
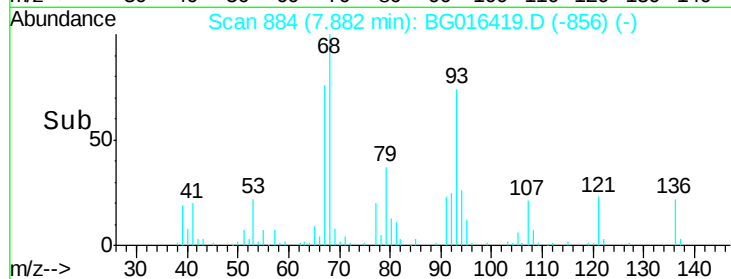
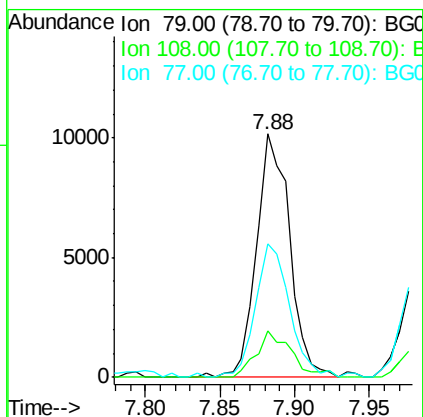
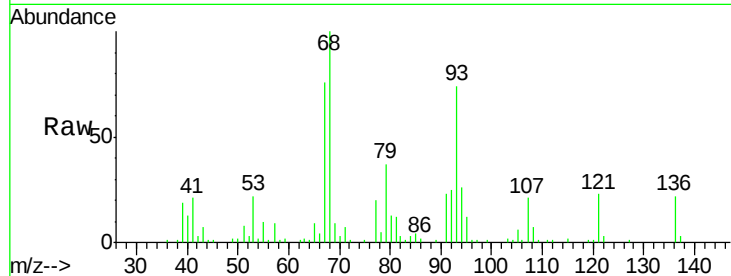
Tgt Ion: 79 Resp: 15510

Ion Ratio Lower Upper

79 100

108 18.9 69.3 103.9#

77 54.8 50.3 75.5



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.45 min Scan# 1321

Delta R.T. -0.01 min

Lab File: BG016419.D

Acq: 15 Apr 2015 12:57

Tgt Ion: 136 Resp: 413498

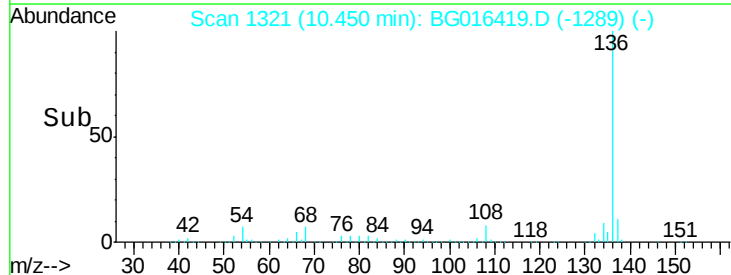
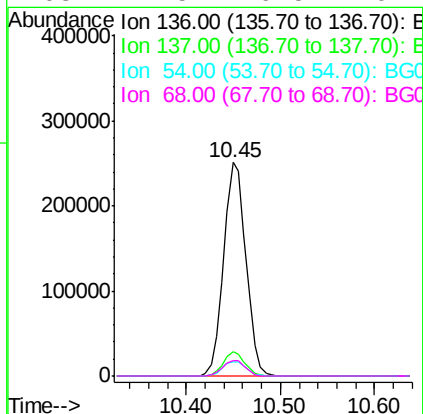
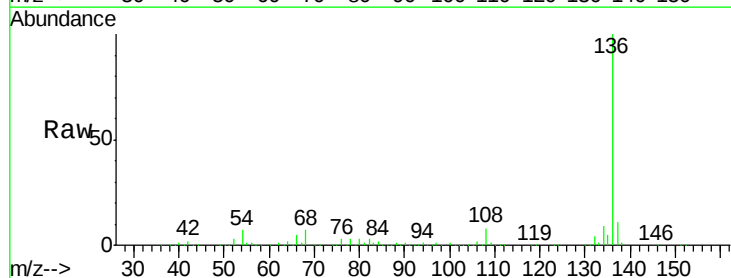
Ion Ratio Lower Upper

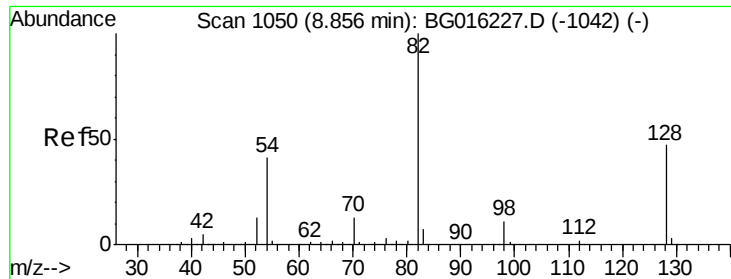
136 100

137 11.4 8.7 13.1

54 6.9 6.3 9.5

68 7.5 6.5 9.7

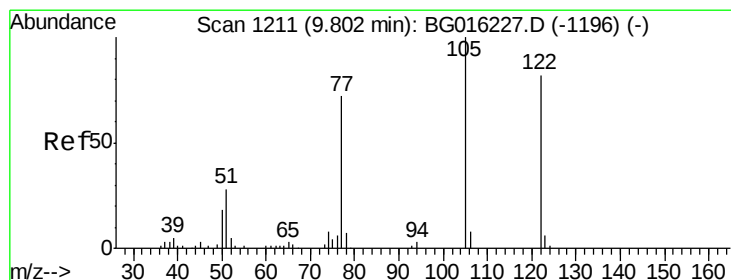
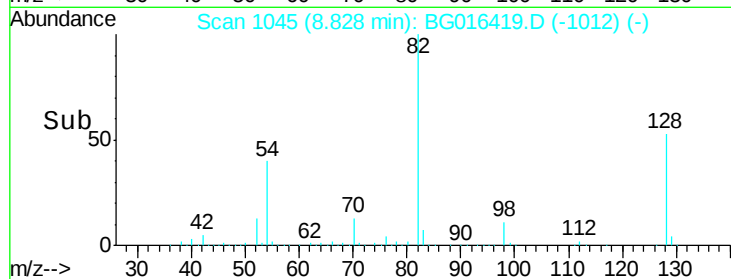
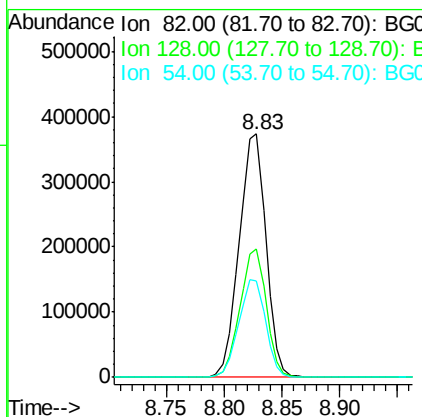
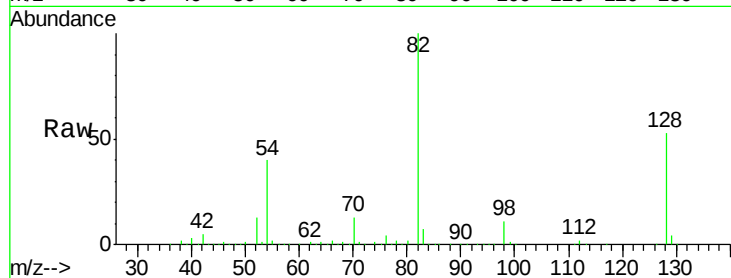




#23
 Nitrobenzene-d5
 Concen: 84.52 ng
 RT: 8.83 min Scan# 1045
 Delta R.T. -0.01 min
 Lab File: BG016419.D
 Acq: 15 Apr 2015 12:57

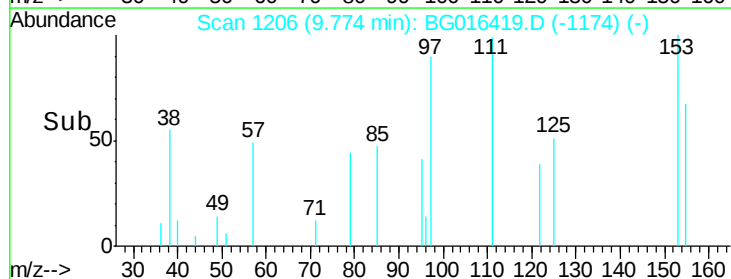
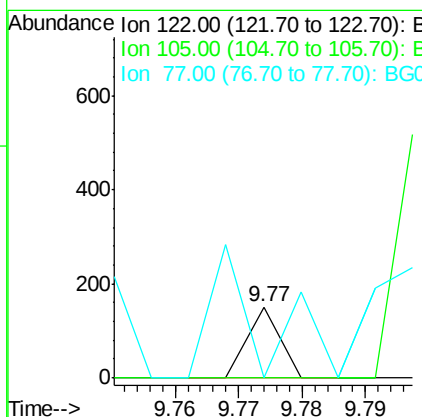
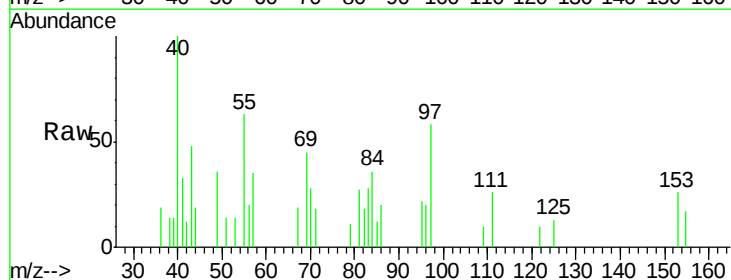
Instrument :
 BNA_G
 ClientSampleId :
 LS-SD04C

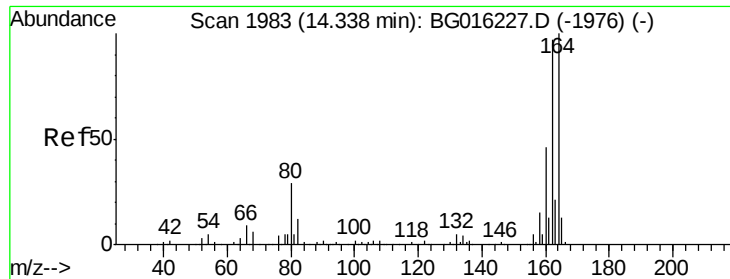
Tgt Ion: 82 Resp: 603327
 Ion Ratio Lower Upper
 82 100
 128 52.7 37.8 56.8
 54 39.6 32.6 49.0



#32
 Benzoic acid
 Concen: 8.74 ng
 RT: 9.77 min Scan# 1206
 Delta R.T. -0.01 min
 Lab File: BG016419.D
 Acq: 15 Apr 2015 12:57

Tgt Ion: 122 Resp: 53
 Ion Ratio Lower Upper
 122 100
 105 0.0 99.7 139.7#
 77 0.0 66.8 106.8#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.31 min Scan# 1978

Delta R.T. -0.01 min

Lab File: BG016419.D

Acq: 15 Apr 2015 12:57

Instrument :

BNA_G

ClientSampleId :

LS-SD04C

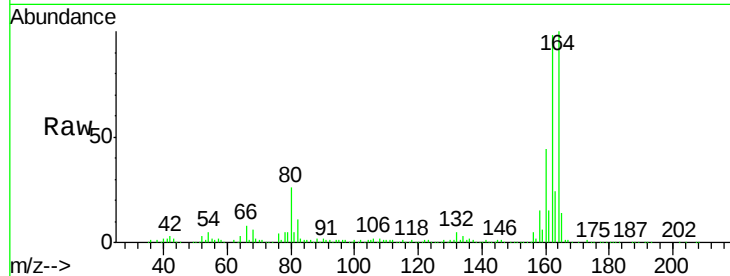
Tgt Ion:164 Resp: 240650

Ion Ratio Lower Upper

164 100

162 97.6 77.3 115.9

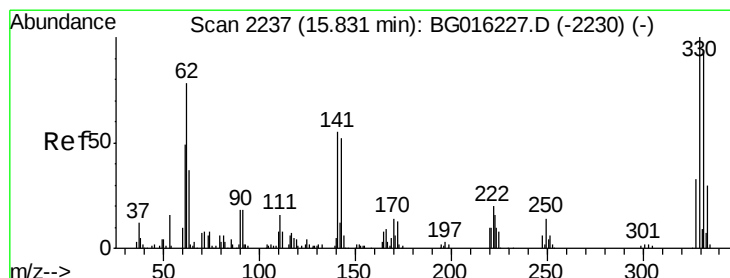
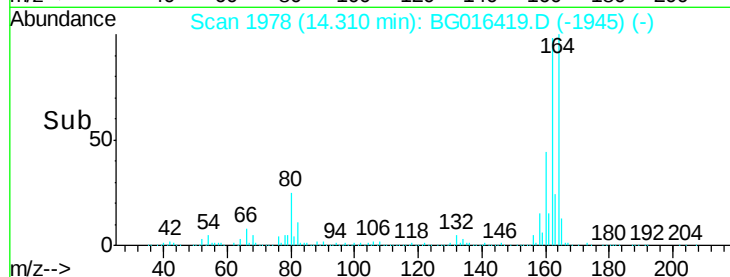
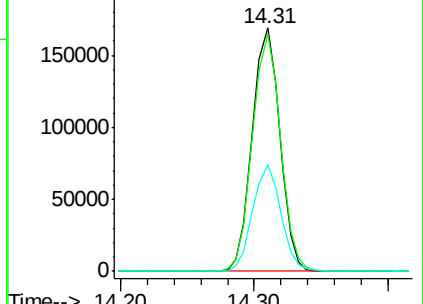
160 43.6 36.7 55.1



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: 145.87 ng

RT: 15.80 min Scan# 2232

Delta R.T. -0.01 min

Lab File: BG016419.D

Acq: 15 Apr 2015 12:57

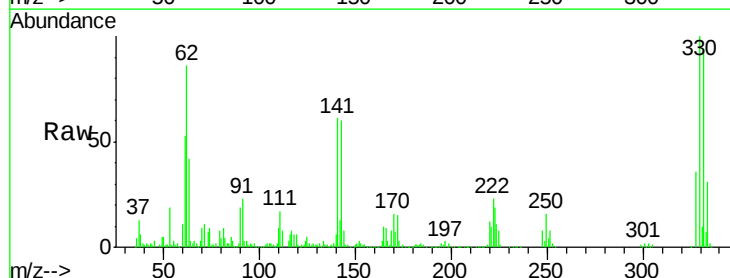
Tgt Ion:330 Resp: 237411

Ion Ratio Lower Upper

330 100

332 95.5 75.8 113.6

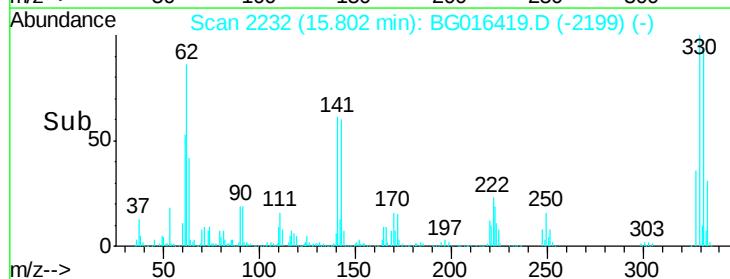
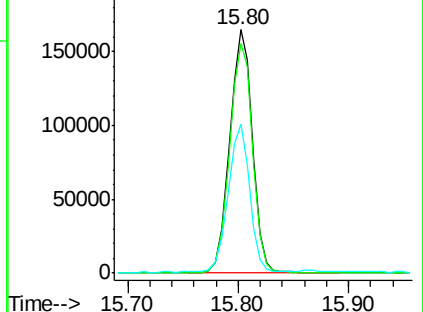
141 58.3 46.6 69.8

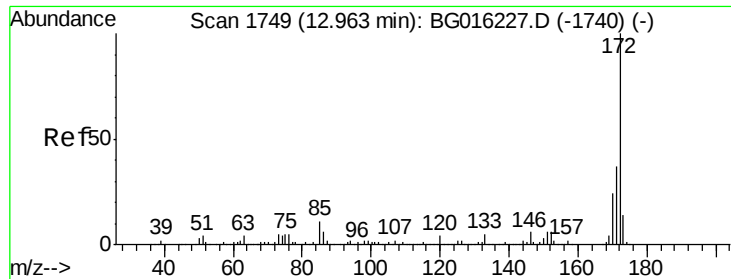


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

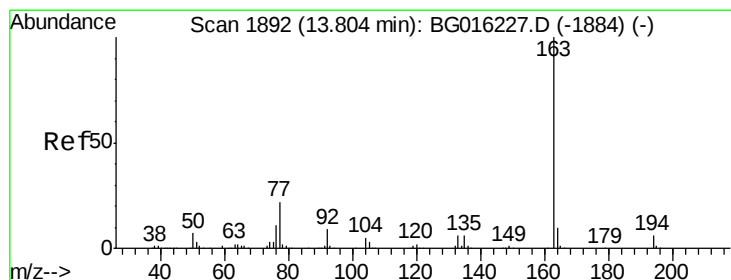
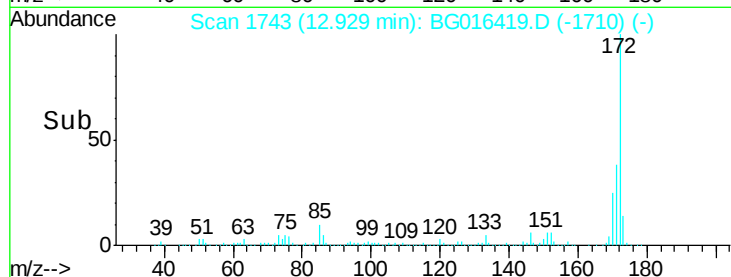
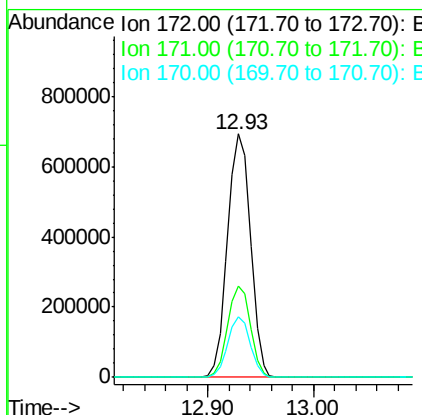
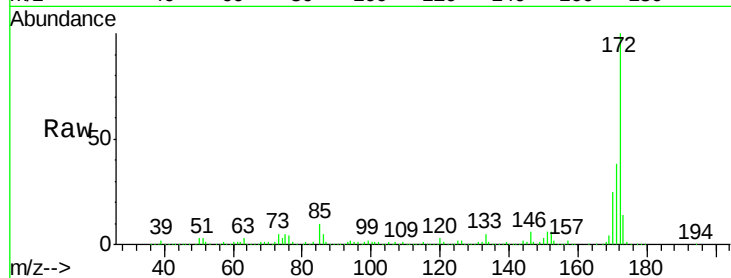




#44
 2-Fluorobiphenyl
 Concen: 73.66 ng
 RT: 12.93 min Scan# 1743
 Delta R.T. -0.01 min
 Lab File: BG016419.D
 Acq: 15 Apr 2015 12:57

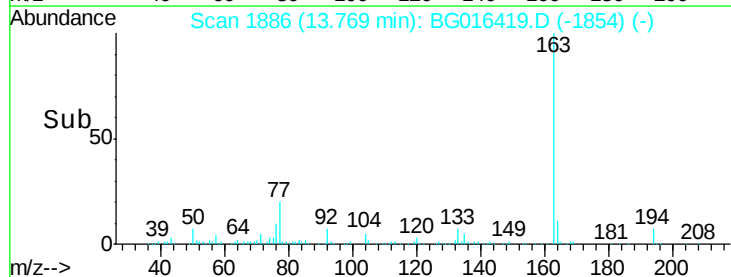
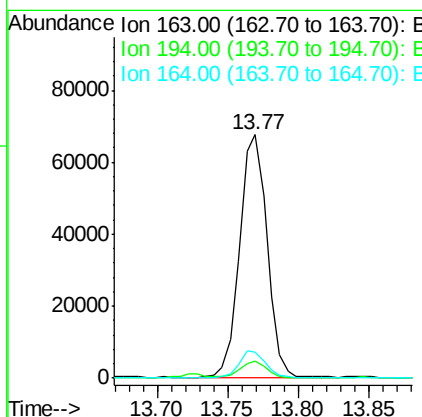
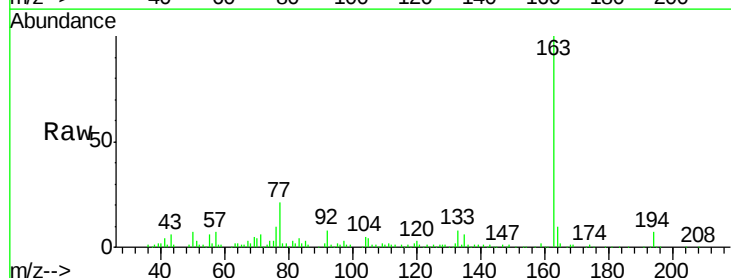
Instrument :
 BNA_G
 ClientSampleId :
 LS-SD04C

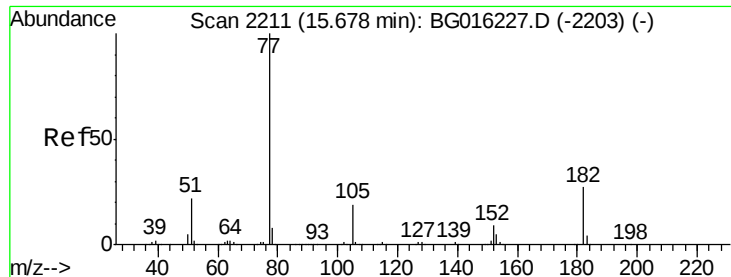
Tgt Ion:172 Resp: 1041128
 Ion Ratio Lower Upper
 172 100
 171 37.6 29.6 44.4
 170 25.0 19.4 29.2



#49
 Dimethylphthalate
 Concen: 5.19 ng
 RT: 13.77 min Scan# 1886
 Delta R.T. -0.01 min
 Lab File: BG016419.D
 Acq: 15 Apr 2015 12:57

Tgt Ion:163 Resp: 91454
 Ion Ratio Lower Upper
 163 100
 194 6.9 5.0 7.4
 164 10.5 8.2 12.4





#62

Azobenzene

Concen: 4.18 ng

RT: 15.67 min Scan# 2210

Delta R.T. 0.02 min

Lab File: BG016419.D

Acq: 15 Apr 2015 12:57

Instrument :

BNA_G

ClientSampled :

LS-SD04C

Tgt Ion: 77 Resp: 83614

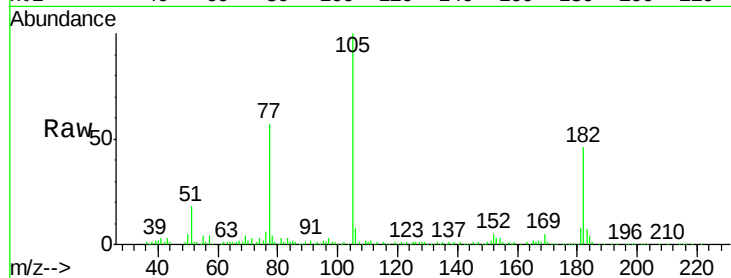
Ion Ratio Lower Upper

77 100

182 80.6 6.6 46.6#

105 174.0 0.0 39.2#

51 30.9 2.0 42.0

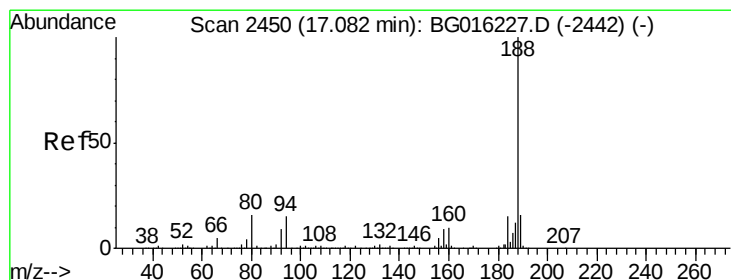
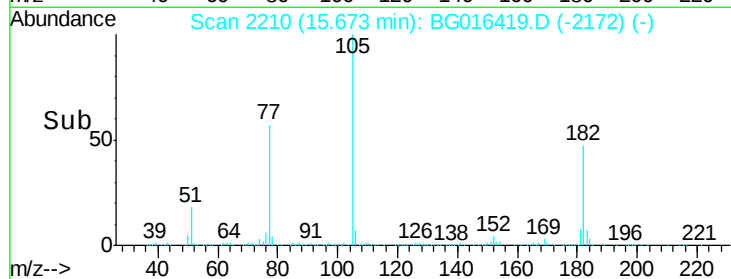
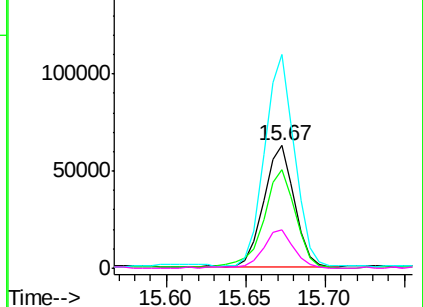


Abundance Ion 77.00 (76.70 to 77.70): BG016419.D (-2172) (-)

Ion 182.00 (181.70 to 182.70): BG016419.D (-2172) (-)

Ion 105.00 (104.70 to 105.70): BG016419.D (-2172) (-)

Ion 51.00 (50.70 to 51.70): BG016419.D (-2172) (-)



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.05 min Scan# 2445

Delta R.T. -0.01 min

Lab File: BG016419.D

Acq: 15 Apr 2015 12:57

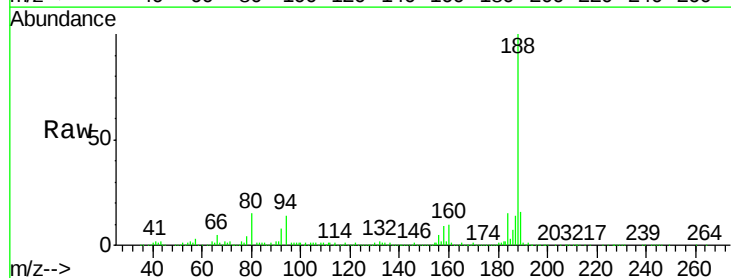
Tgt Ion: 188 Resp: 503528

Ion Ratio Lower Upper

188 100

94 14.3 12.2 18.4

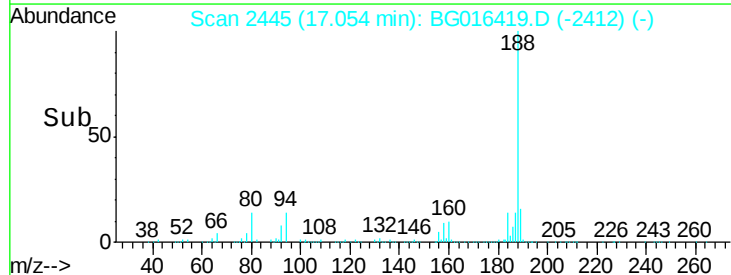
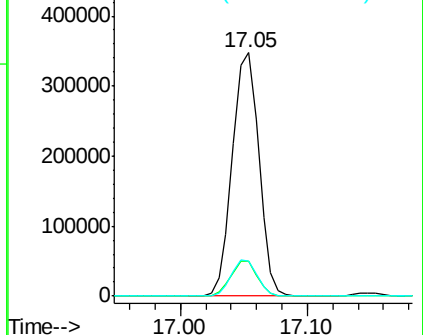
80 14.6 12.8 19.2

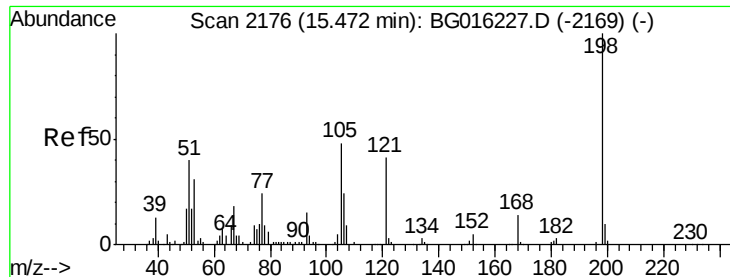


Abundance Ion 188.00 (187.70 to 188.70): BG016419.D (-2412) (-)

Ion 94.00 (93.70 to 94.70): BG016419.D (-2412) (-)

Ion 80.00 (79.70 to 80.70): BG016419.D (-2412) (-)

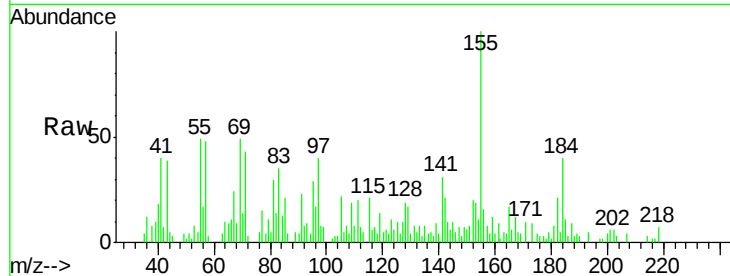




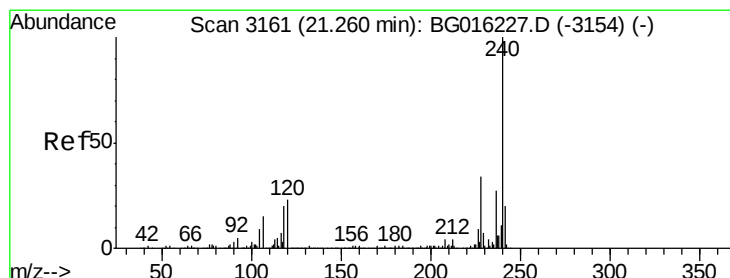
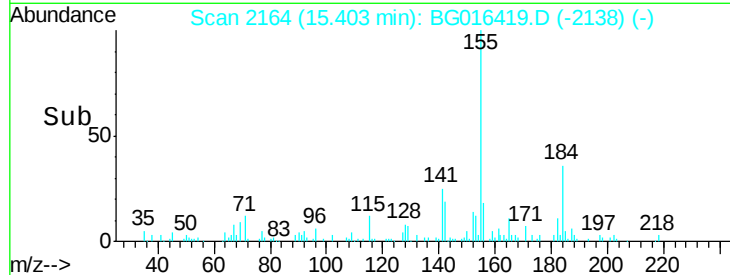
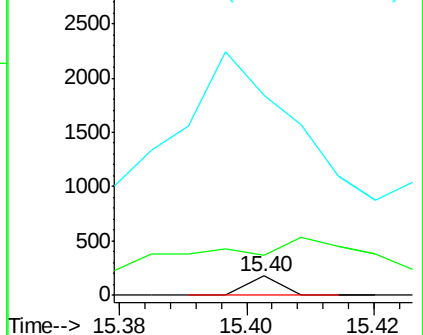
#64
 4,6-Dinitro-2-methylphenol
 Concen: 3.90 ng
 RT: 15.40 min Scan# 2164
 Delta R.T. -0.05 min
 Lab File: BG016419.D
 Acq: 15 Apr 2015 12:57

Instrument :
 BNA_G
 ClientSampleId :
 LS-SD04C

Tgt Ion:198 Resp: 63
 Ion Ratio Lower Upper
 198 100
 51 205.0 20.7 60.7#
 105 1025.7 28.8 68.8#

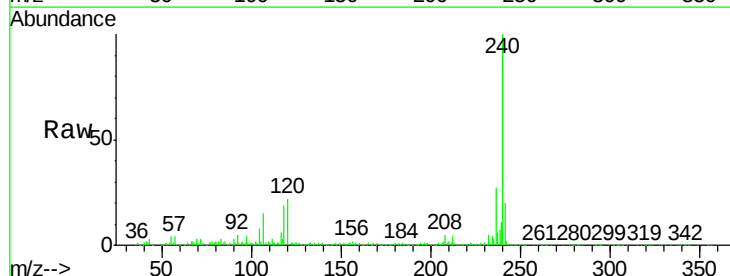


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

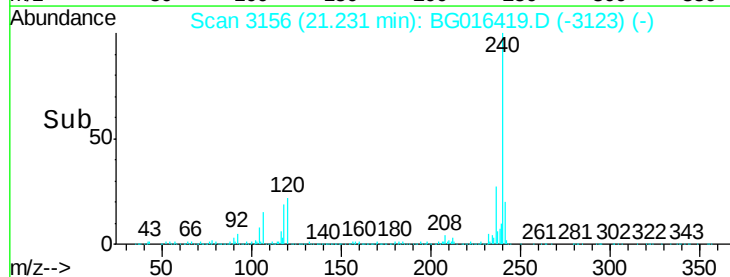
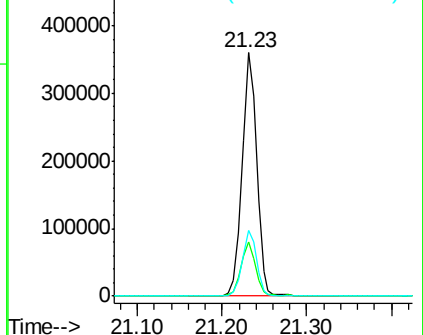


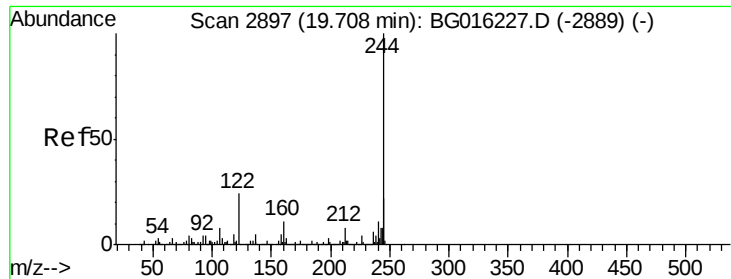
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.23 min Scan# 3156
 Delta R.T. -0.01 min
 Lab File: BG016419.D
 Acq: 15 Apr 2015 12:57

Tgt Ion:240 Resp: 425686
 Ion Ratio Lower Upper
 240 100
 120 22.4 18.6 28.0
 236 26.8 21.7 32.5



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: 64.32 ng

RT: 19.68 min Scan# 2892

Delta R.T. -0.01 min

Lab File: BG016419.D

Acq: 15 Apr 2015 12:57

Instrument :

BNA_G

ClientSampleId :

LS-SD04C

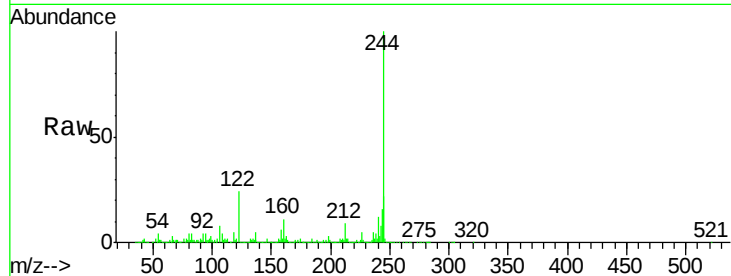
Tgt Ion:244 Resp: 1169915

Ion Ratio Lower Upper

244 100

212 8.6 6.6 9.8

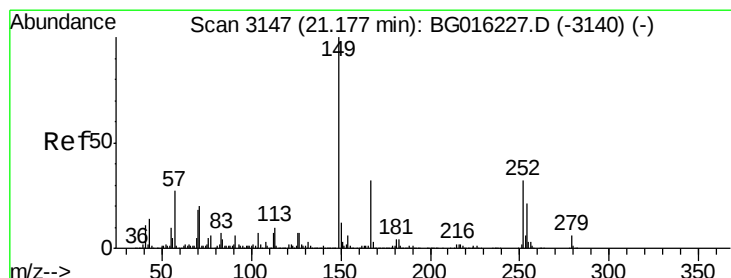
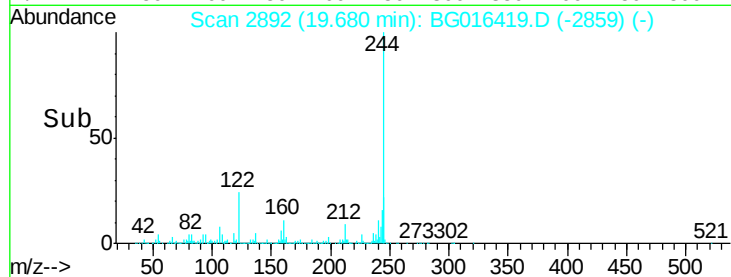
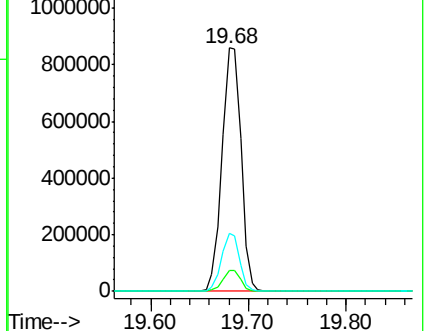
122 23.9 19.1 28.7



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



#83

Bis(2-ethylhexyl)phthalate

Concen: 16.56 ng

RT: 21.15 min Scan# 3142

Delta R.T. -0.00 min

Lab File: BG016419.D

Acq: 15 Apr 2015 12:57

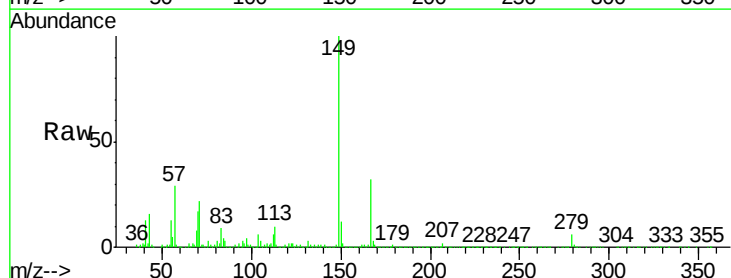
Tgt Ion:149 Resp: 326472

Ion Ratio Lower Upper

149 100

167 31.7 25.8 38.6

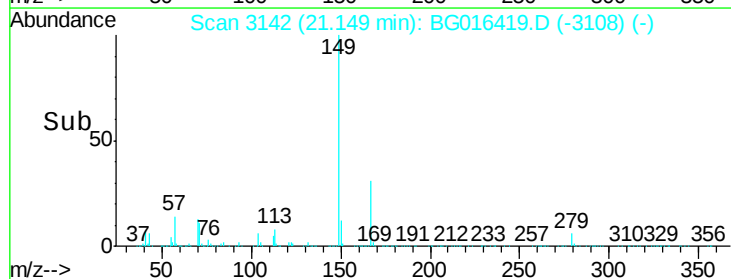
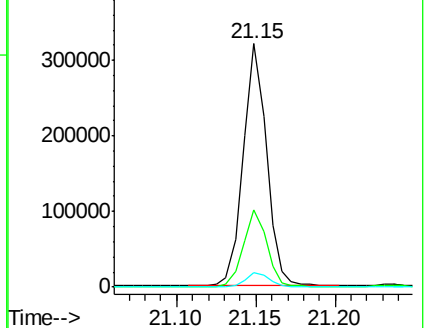
279 5.9 4.7 7.1

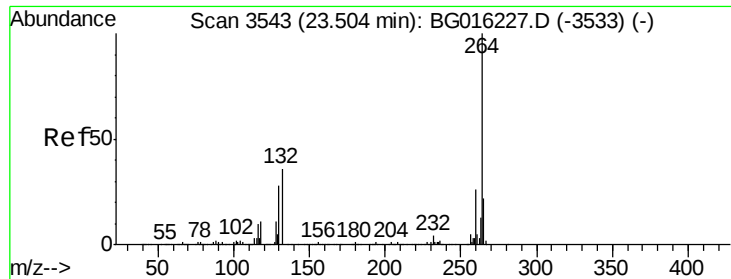


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

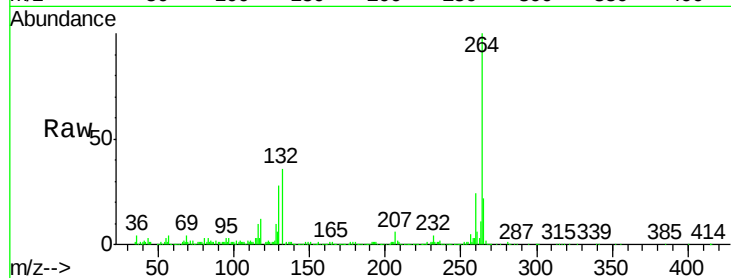




#86
Perylene-d12
Concen: 20.00 ng
RT: 23.46 min Scan# 3536
Delta R.T. -0.00 min
Lab File: BG016419.D
Acq: 15 Apr 2015 12:57

Instrument :
BNA_G
ClientSampleId :
LS-SD04C

Tgt Ion: 264 Resp: 400696
Ion Ratio Lower Upper
264 100
260 24.2 20.4 30.6
265 22.1 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

