

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120815\
 Data File : BG020019.D
 Acq On : 8 Dec 2015 15:43
 Operator : UM/SJ
 Sample : G4684-07
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SP1-COMP1

Quant Time: Dec 09 08:14:04 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG120215.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 02 18:50:01 2015
 Response via : Initial Calibration

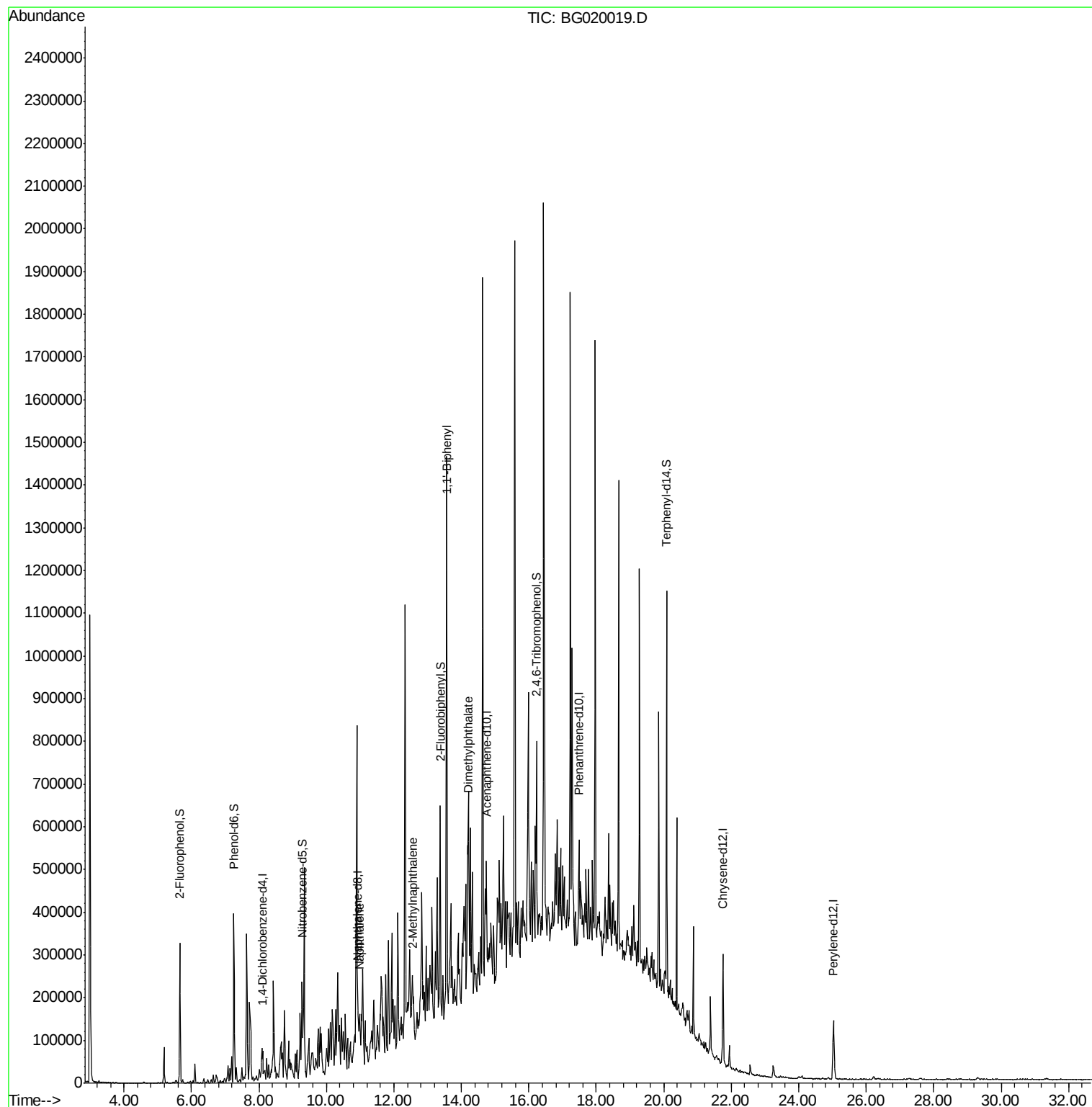
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	18896	20.00	ng	-0.03
21) Naphthalene-d8	10.93	136	77241	20.00	ng	-0.02
38) Acenaphthene-d10	14.74	164	53017	20.00	ng	-0.02
63) Phenanthrene-d10	17.49	188	121739	20.00	ng	-0.02
75) Chrysene-d12	21.75	240	154977	20.00	ng	-0.04
86) Perylene-d12	25.03	264	151747	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	131864	126.12	ng	-0.01
7) Phenol-d6	7.26	99	190683	120.80	ng	-0.01
23) Nitrobenzene-d5	9.28	82	127713	84.38	ng	-0.02
41) 2,4,6-Tribromophenol	16.23	330	92669	114.24	ng	-0.01
44) 2-Fluorobiphenyl	13.37	172	254357	65.51	ng	-0.02
78) Terphenyl-d14	20.09	244	416268	65.52	ng	-0.03
Target Compounds						
31) Naphthalene	10.98	128	23386	5.65	ng	# 78
37) 2-Methylnaphthalene	12.58	142	51032	16.83	ng	# 94
45) 1,1'-Biphenyl	13.58	154	14938	3.43	ng	90
49) Dimethylphthalate	14.19	163	68855	14.44	ng	# 97

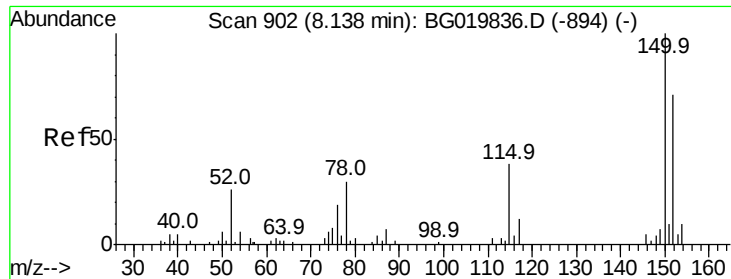
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.11 min Scan# 897

Delta R.T. -0.03 min

Lab File: BG020019.D

Acq: 8 Dec 2015 15:43

Instrument :

BNA_G

ClientSampleId :

SP1-COMP1

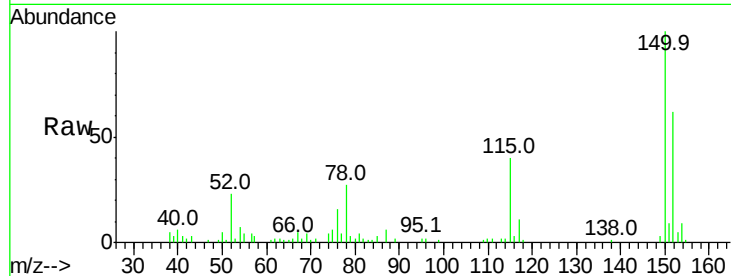
Tot Ion:152 Resp: 18896

Ion Ratio Lower Upper

152 100

150 162.3 115.0 172.4

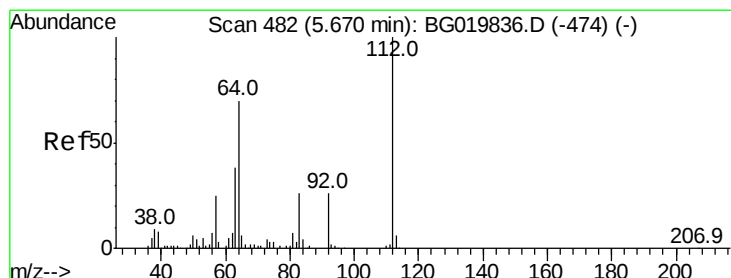
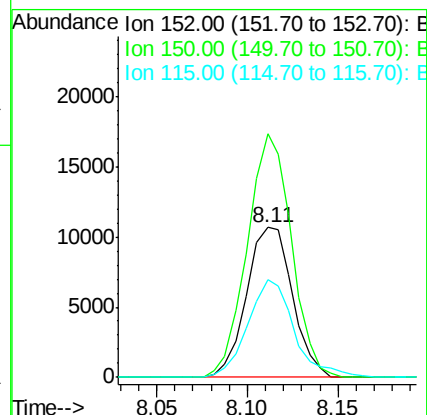
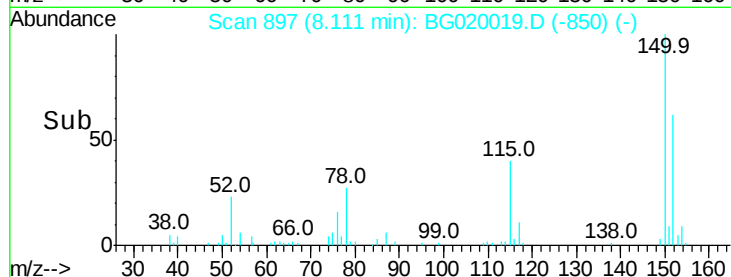
115 64.8 43.9 65.9



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: 126.12 ng

RT: 5.66 min Scan# 479

Delta R.T. -0.01 min

Lab File: BG020019.D

Acq: 8 Dec 2015 15:43

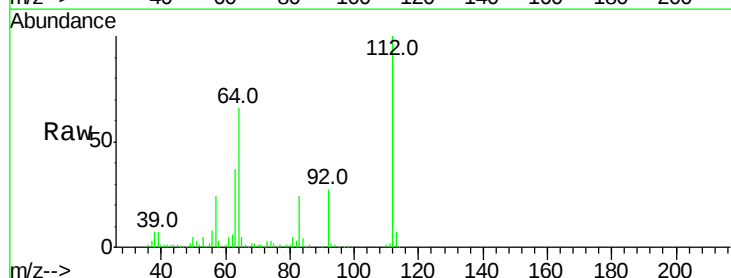
Tgt Ion:112 Resp: 131864

Ion Ratio Lower Upper

112 100

64 66.0 43.7 65.5#

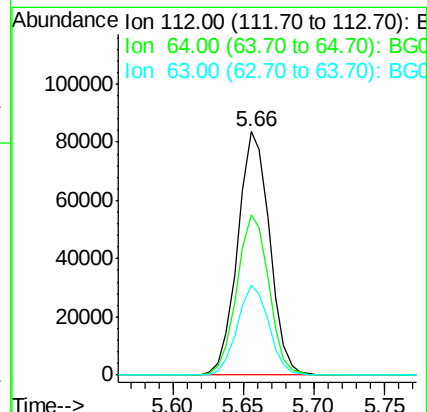
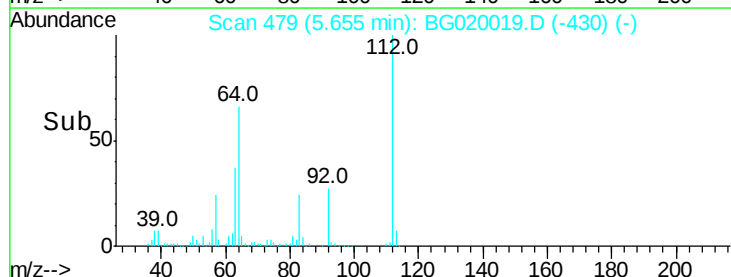
63 36.7 24.0 36.0#

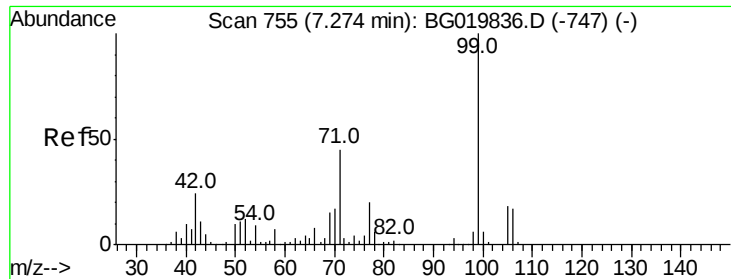


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 120.80 ng

RT: 7.26 min Scan# 752

Delta R.T. -0.01 min

Lab File: BG020019.D

Acq: 8 Dec 2015 15:43

Instrument :

BNA_G

ClientSampleId :

SP1-COMP1

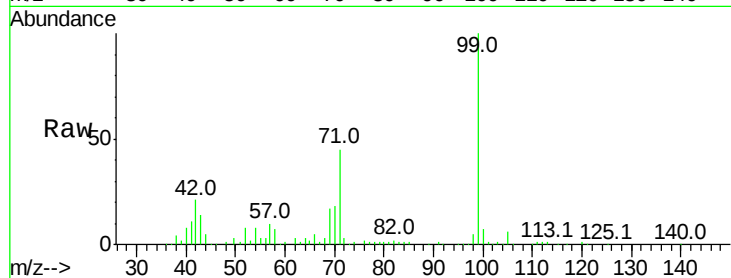
Tot Ion: 99 Resp: 190683

Ion Ratio Lower Upper

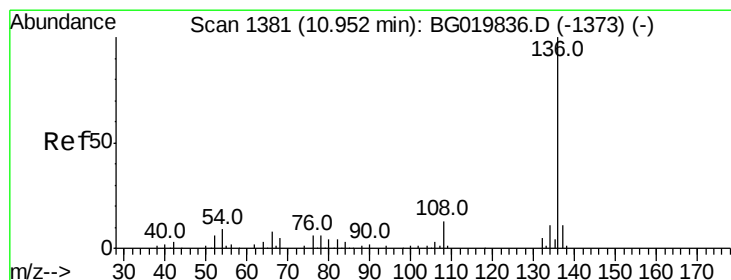
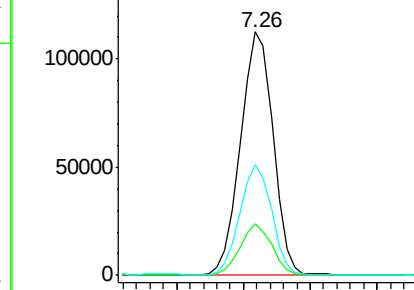
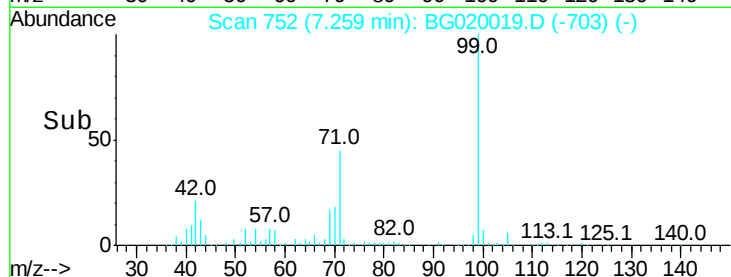
99 100

42 21.0 11.5 17.3#

71 45.3 22.6 34.0#



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: 10.93 min Scan# 1377

Delta R.T. -0.02 min

Lab File: BG020019.D

Acq: 8 Dec 2015 15:43

Tgt Ion: 136 Resp: 77241

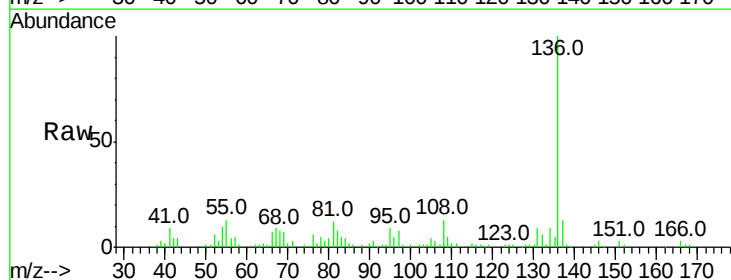
Ion Ratio Lower Upper

136 100

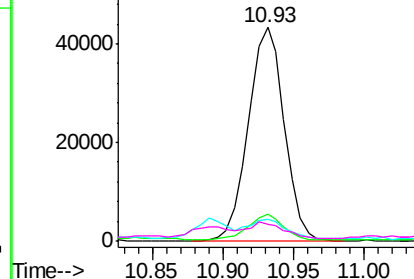
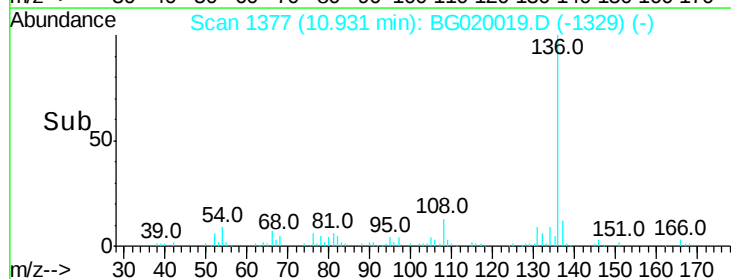
137 12.7 8.6 12.8

54 10.0 5.4 8.2#

68 7.7 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

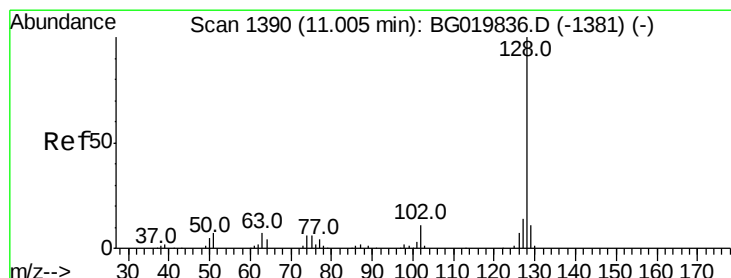
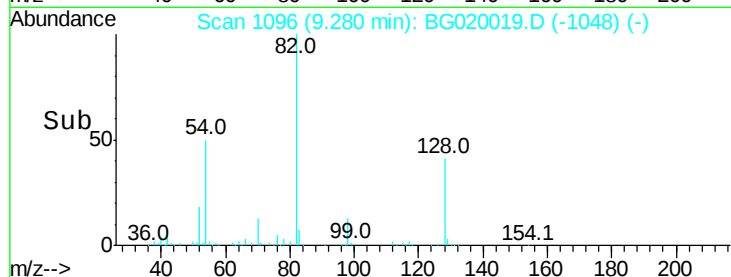
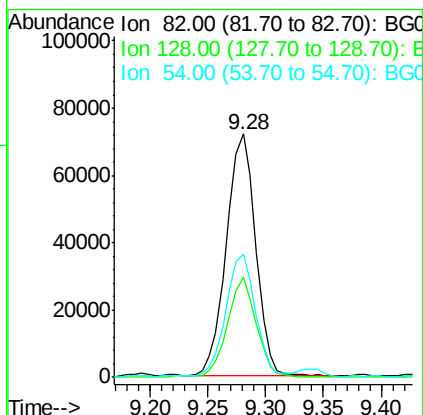
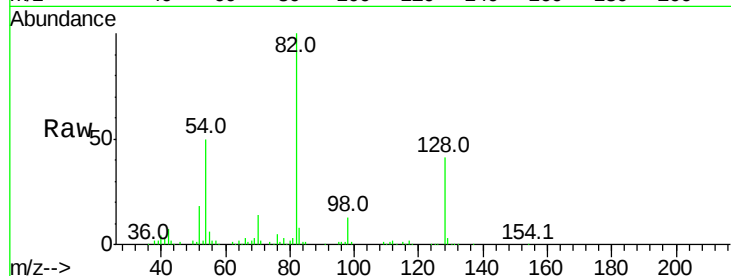




#23
Nitrobenzene-d5
Concen: 84.38 ng
RT: 9.28 min Scan# 1096
Delta R.T. -0.02 min
Lab File: BG020019.D
Acq: 8 Dec 2015 15:43

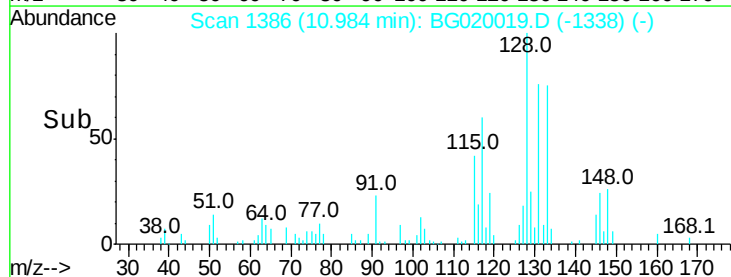
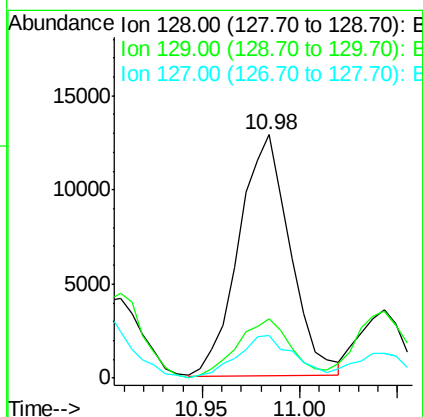
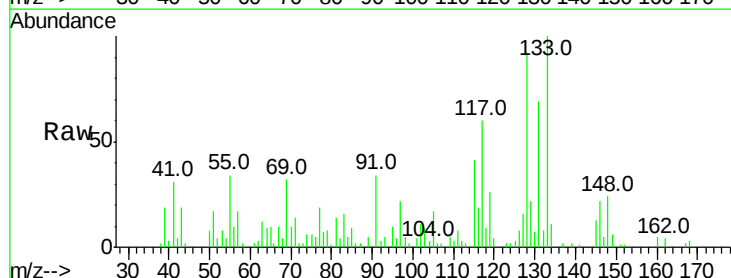
Instrument :
BNA_G
ClientSampleId :
SP1-COMP1

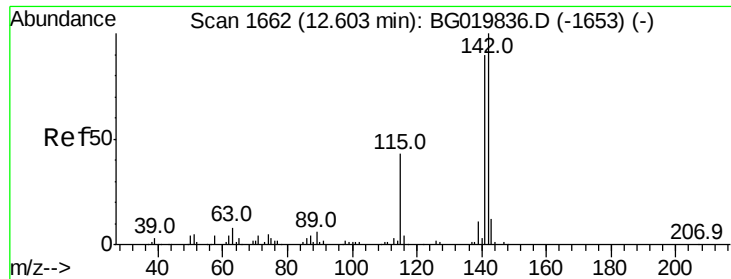
Tot Ion: 82 Resp: 127713
Ion Ratio Lower Upper
82 100
128 41.0 36.7 55.1
54 50.5 33.8 50.8



#31
Naphthalene
Concen: 5.65 ng
RT: 10.98 min Scan# 1386
Delta R.T. -0.02 min
Lab File: BG020019.D
Acq: 8 Dec 2015 15:43

Tgt Ion: 128 Resp: 23386
Ion Ratio Lower Upper
128 100
129 24.2 8.5 12.7#
127 17.7 10.6 16.0#

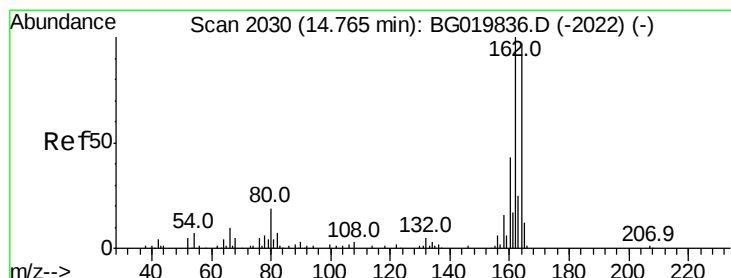
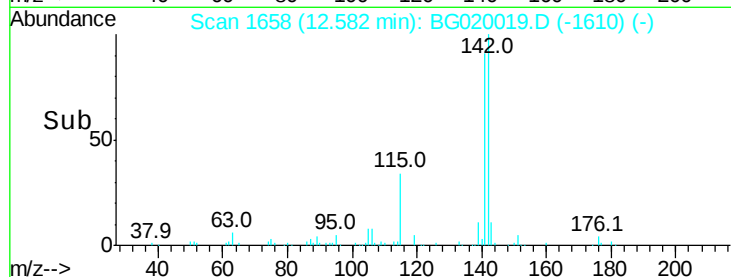
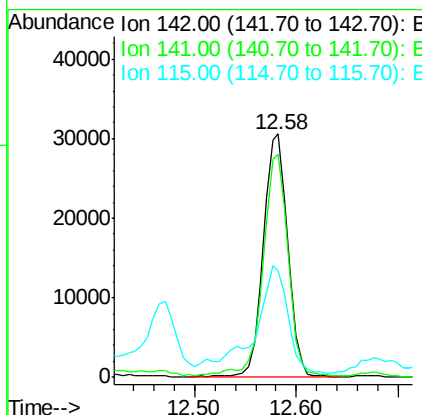
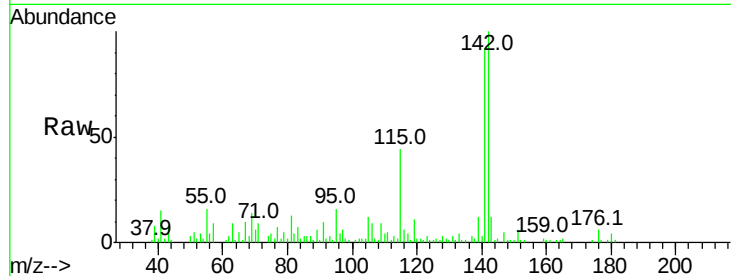




#37
 2-Methylnaphthalene
 Concen: 16.83 ng
 RT: 12.58 min Scan# 1658
 Delta R.T. -0.02 min
 Lab File: BG020019.D
 Acq: 8 Dec 2015 15:43

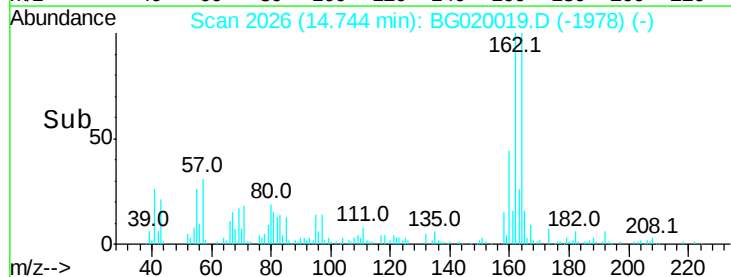
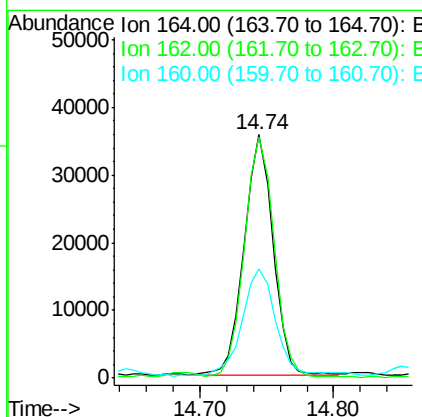
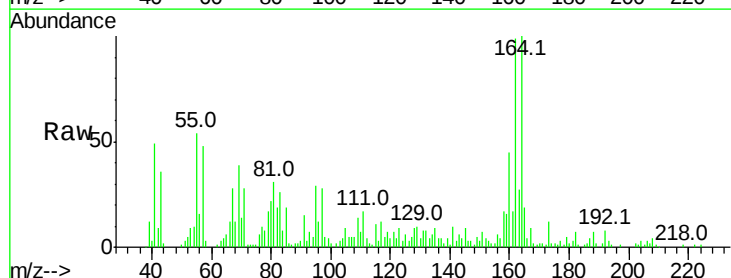
Instrument :
 BNA_G
 ClientSampleId :
 SP1-COMP1

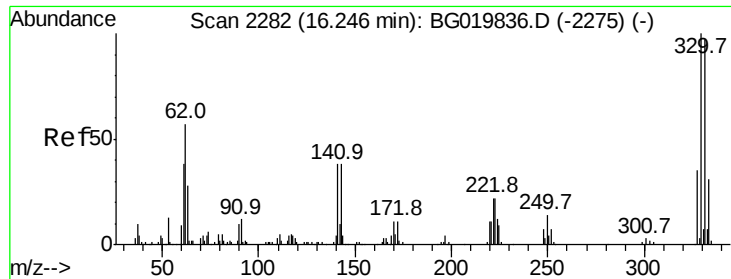
Tot Ion:142 Resp: 51032
 Ion Ratio Lower Upper
 142 100
 141 91.8 74.6 112.0
 115 43.8 27.4 41.0#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.74 min Scan# 2026
 Delta R.T. -0.02 min
 Lab File: BG020019.D
 Acq: 8 Dec 2015 15:43

Tgt Ion:164 Resp: 53017
 Ion Ratio Lower Upper
 164 100
 162 99.1 78.8 118.2
 160 44.7 36.4 54.6

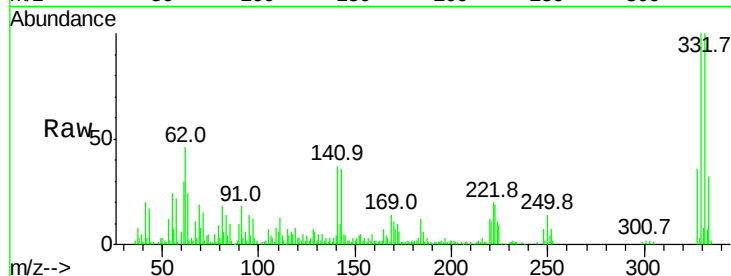




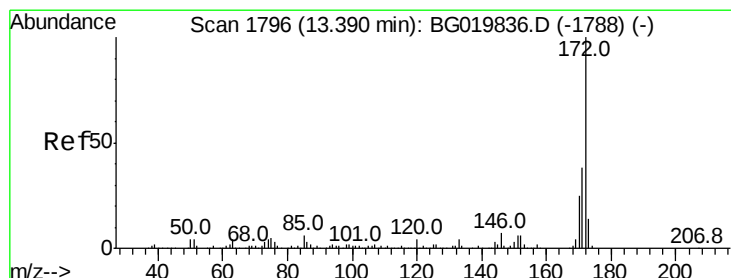
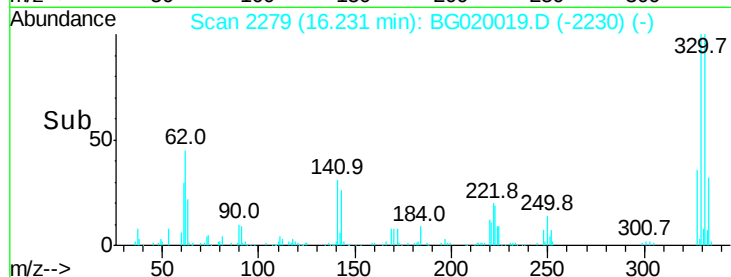
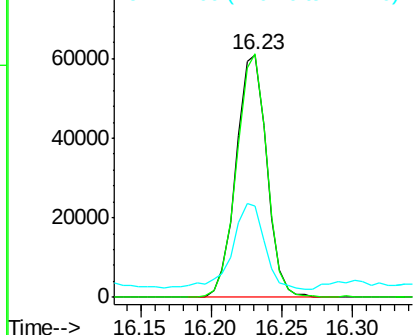
#41
 2,4,6-Tribromophenol
 Concen: 114.24 ng
 RT: 16.23 min Scan# 2279
 Delta R.T. -0.01 min
 Lab File: BG020019.D
 Acq: 8 Dec 2015 15:43

Instrument :
 BNA_G
 ClientSampleId :
 SP1-COMP1

Tot Ion:330 Resp: 92669
 Ion Ratio Lower Upper
 330 100
 332 98.6 78.1 117.1
 141 38.0 28.2 42.2

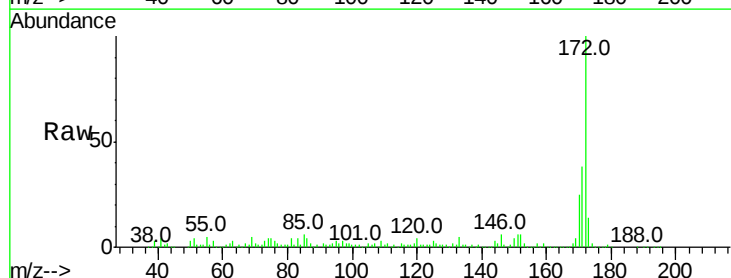


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

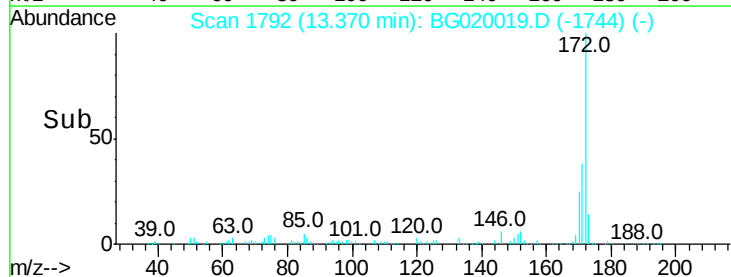
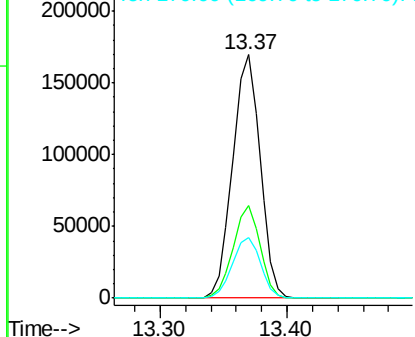


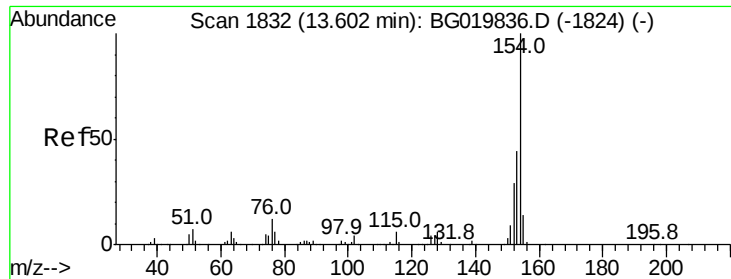
#44
 2-Fluorobiphenyl
 Concen: 65.51 ng
 RT: 13.37 min Scan# 1792
 Delta R.T. -0.02 min
 Lab File: BG020019.D
 Acq: 8 Dec 2015 15:43

Tgt Ion:172 Resp: 254357
 Ion Ratio Lower Upper
 172 100
 171 38.0 29.0 43.6
 170 25.0 19.9 29.9



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 3.43 ng

RT: 13.58 min Scan# 1827

Delta R.T. -0.03 min

Lab File: BG020019.D

Acq: 8 Dec 2015 15:43

Instrument :

BNA_G

ClientSampleId :

SP1-COMP1

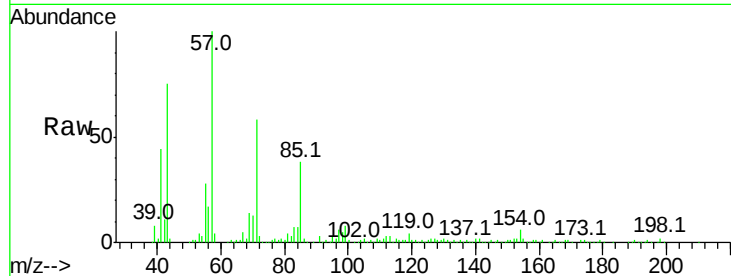
Tot Ion:154 Resp: 14938

Ion Ratio Lower Upper

154 100

153 34.3 21.9 61.9

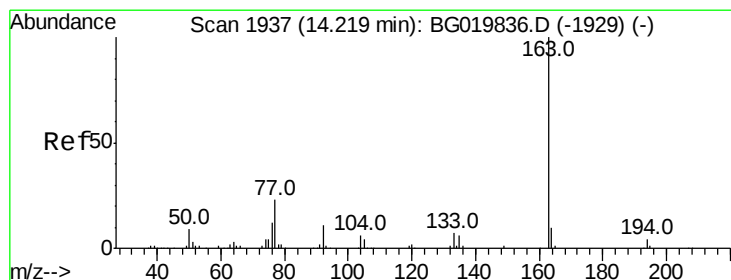
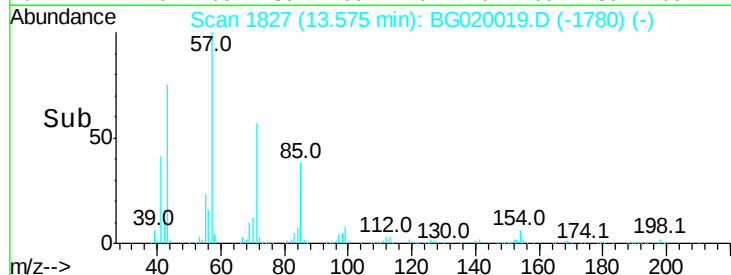
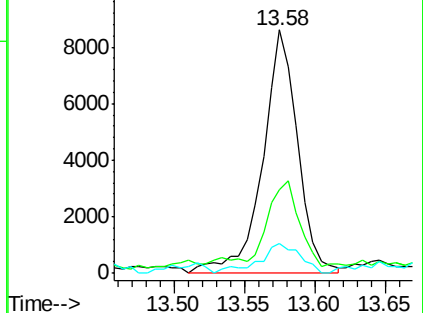
76 12.1 0.0 33.2



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): B



#49

Dimethylphthalate

Concen: 14.44 ng

RT: 14.19 min Scan# 1931

Delta R.T. -0.03 min

Lab File: BG020019.D

Acq: 8 Dec 2015 15:43

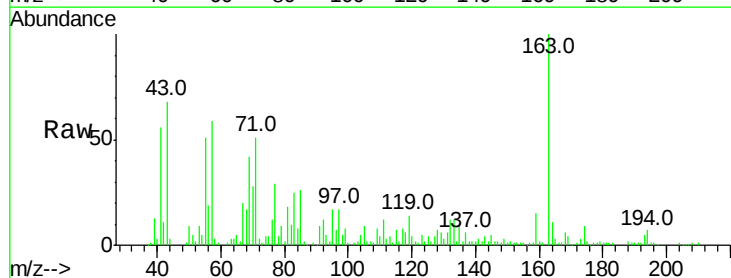
Tgt Ion:163 Resp: 68855

Ion Ratio Lower Upper

163 100

194 7.2 3.1 4.7#

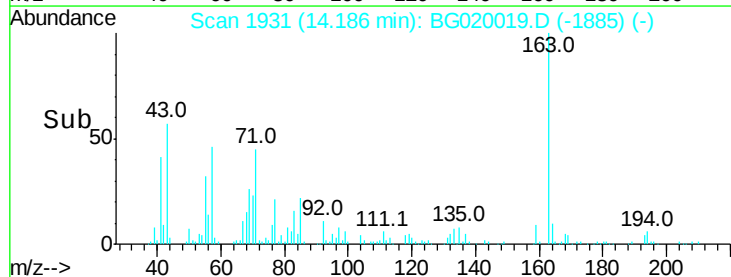
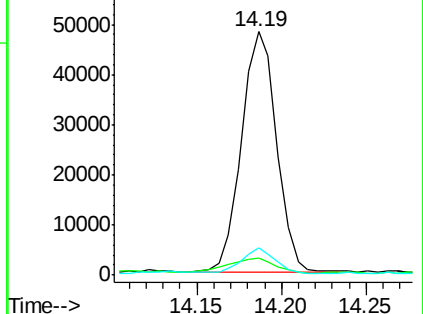
164 11.0 8.8 13.2

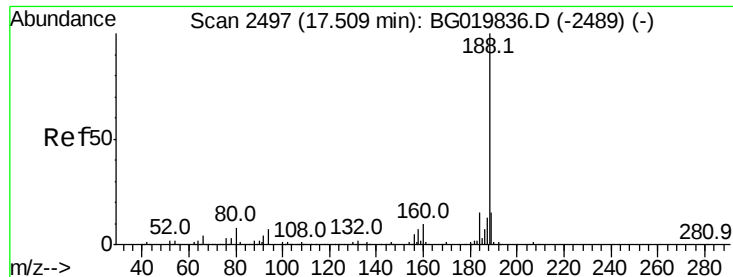


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

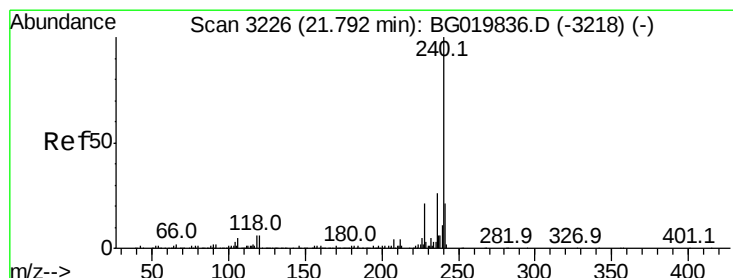
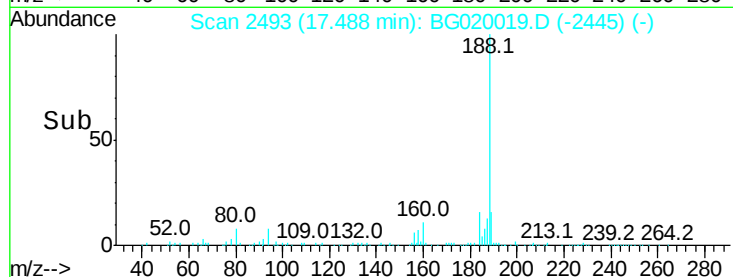
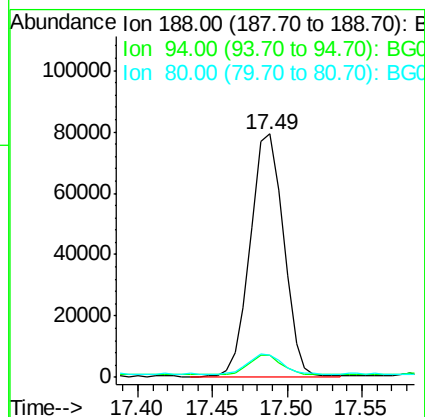
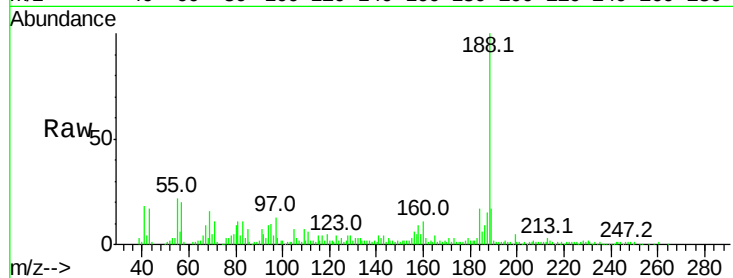




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.49 min Scan# 2493
Delta R.T. -0.02 min
Lab File: BG020019.D
Acq: 8 Dec 2015 15:43

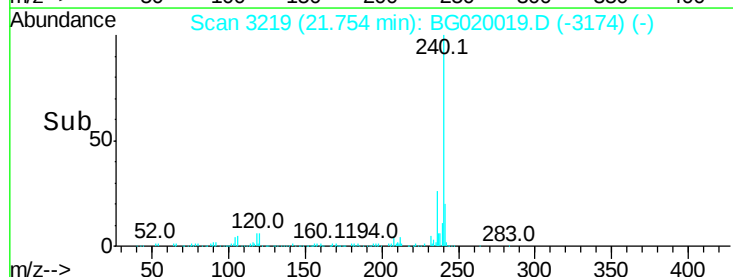
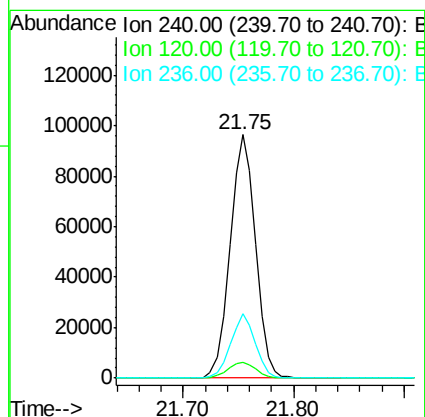
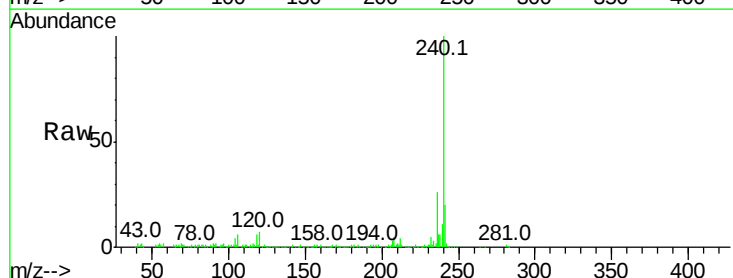
Instrument :
BNA_G
ClientSampleId :
SP1-COMP1

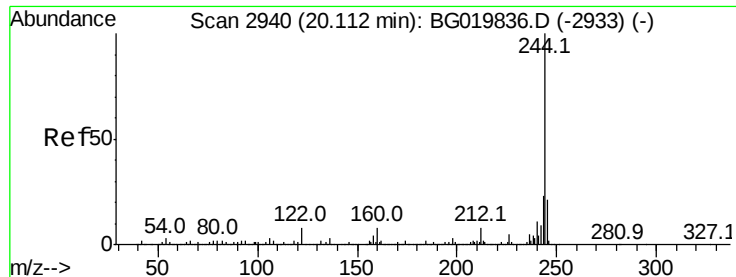
Tot Ion:188 Resp: 121739
Ion Ratio Lower Upper
188 100
94 8.9 7.7 11.5
80 8.9 7.8 11.8



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.75 min Scan# 3219
Delta R.T. -0.04 min
Lab File: BG020019.D
Acq: 8 Dec 2015 15:43

Tgt Ion:240 Resp: 154977
Ion Ratio Lower Upper
240 100
120 6.6 7.4 11.0#
236 26.3 20.7 31.1





#78

Terphenyl-d14

Concen: 65.52 ng

RT: 20.09 min Scan# 2935

Delta R.T. -0.03 min

Lab File: BG020019.D

Acq: 8 Dec 2015 15:43

Instrument :

BNA_G

ClientSampleId :

SP1-COMP1

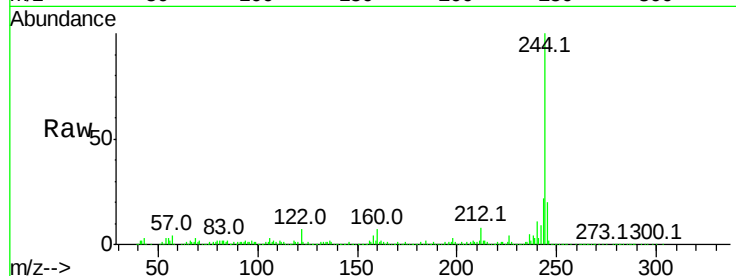
Tot Ion:244 Resp: 416268

Ion Ratio Lower Upper

244 100

212 7.8 6.9 10.3

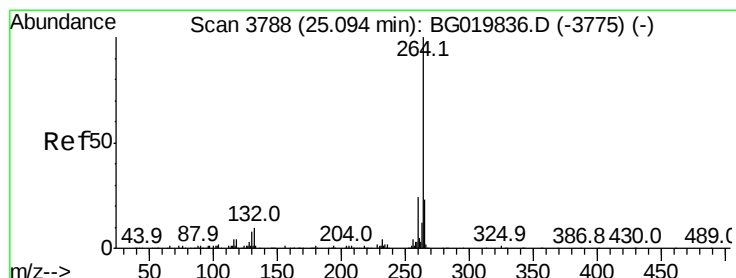
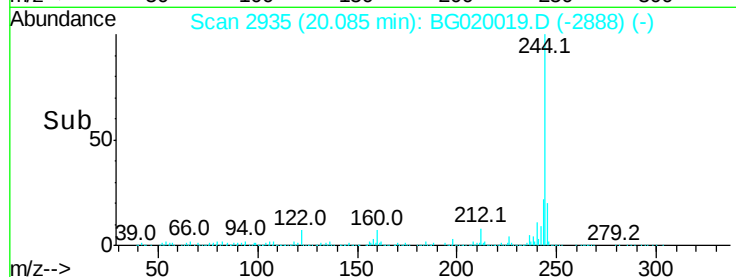
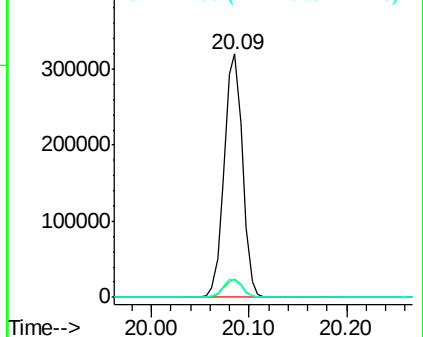
122 7.1 10.2 15.2#



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: 25.03 min Scan# 3777

Delta R.T. -0.06 min

Lab File: BG020019.D

Acq: 8 Dec 2015 15:43

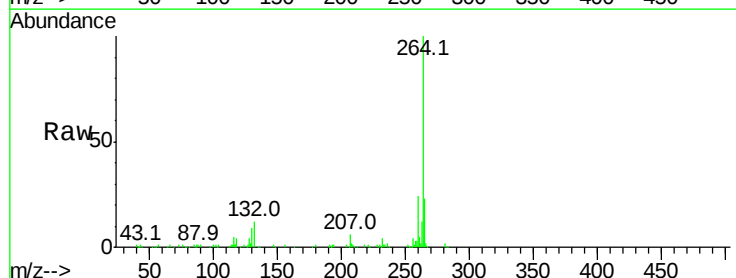
Tgt Ion:264 Resp: 151747

Ion Ratio Lower Upper

264 100

260 23.7 18.5 27.7

265 22.7 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

