

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG122718\
 Data File : BG038851.D
 Acq On : 27 Dec 2018 19:58
 Operator : JU/SJ
 Sample : J6533-19
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 COMP-5

Quant Time: Dec 28 01:33:42 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG121218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 12 15:26:27 2018
 Response via : Initial Calibration

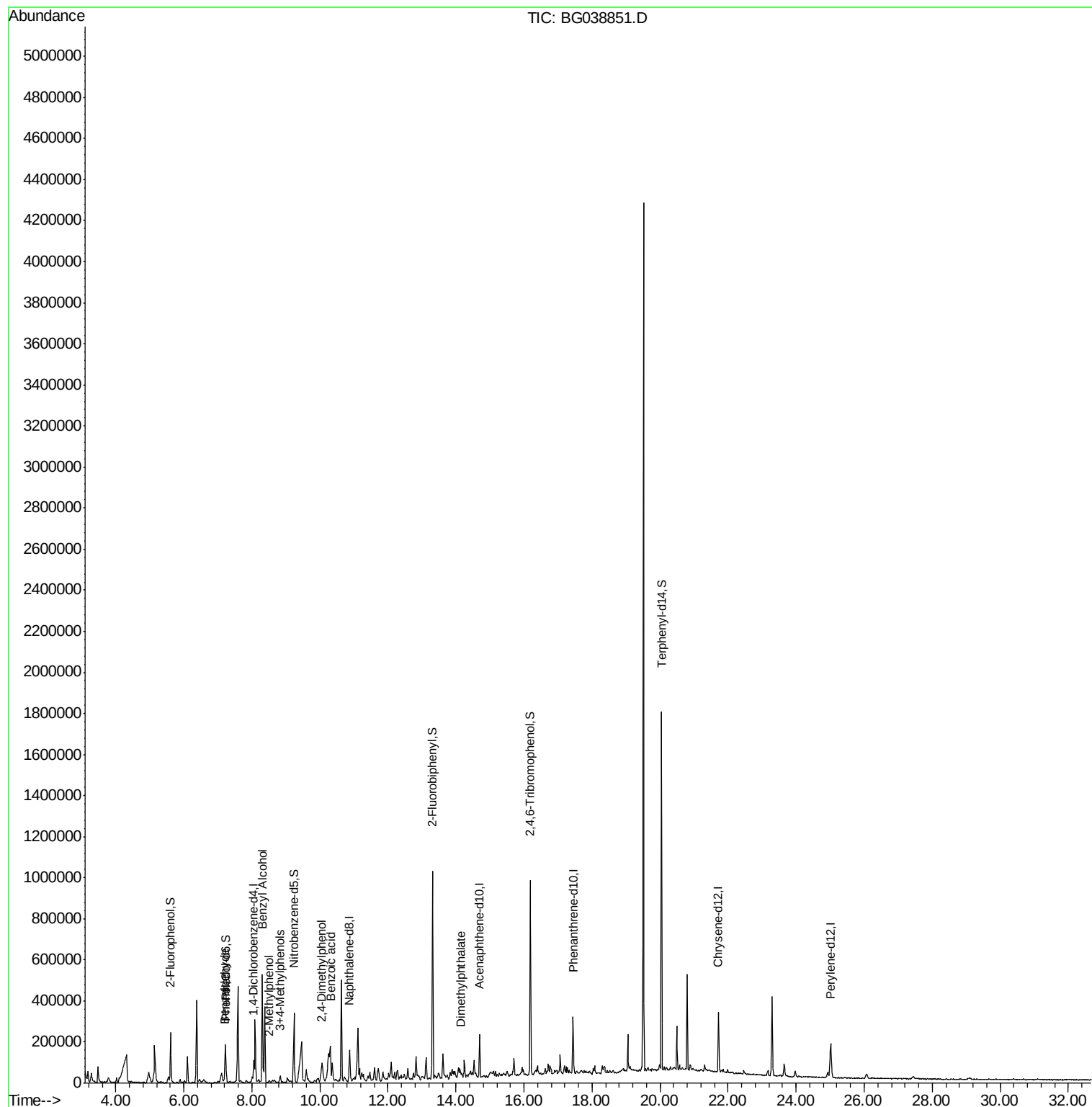
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	23924	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	105193	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	76298	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	178049	20.00	ng	0.00
76) Chrysene-d12	21.72	240	186771	20.00	ng	0.00
87) Perylene-d12	25.02	264	202110	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	106764	79.15	ng	0.00
7) Phenol-d6	7.22	99	101301	54.71	ng	0.01
23) Nitrobenzene-d5	9.24	82	194538	94.48	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	190343	181.02	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	543861	97.79	ng	0.00
79) Terphenyl-d14	20.04	244	871755	101.58	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	7.20	77	2977	2.478	ng	96
10) Phenol	7.25	94	18434	9.370	ng	95
15) Benzyl Alcohol	8.31	79	186688	129.166	ng	100
17) 2-Methylphenol	8.50	107	3498	2.654	ng	# 90
20) 3+4-Methylphenols	8.83	107	17525	9.628	ng	95
27) 2,4-Dimethylphenol	10.04	122	7771	5.086	ng	95
32) Benzoic acid	10.31	122	136130	120.727	ng	# 82
50) Dimethylphthalate	14.14	163	17226	2.765	ng	99

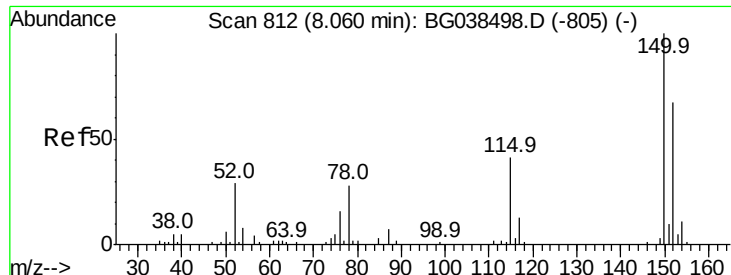
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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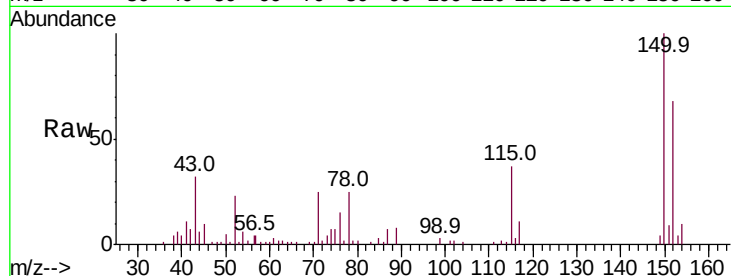


#1

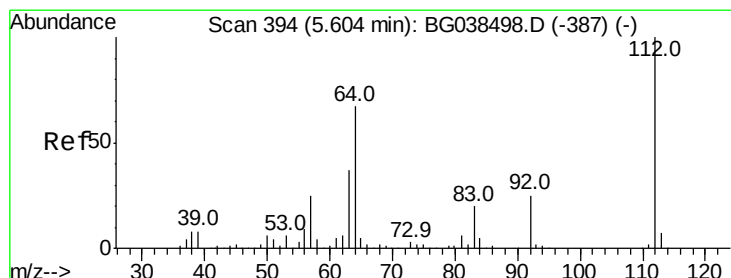
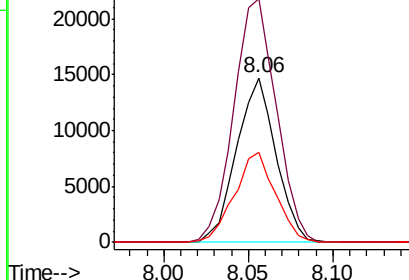
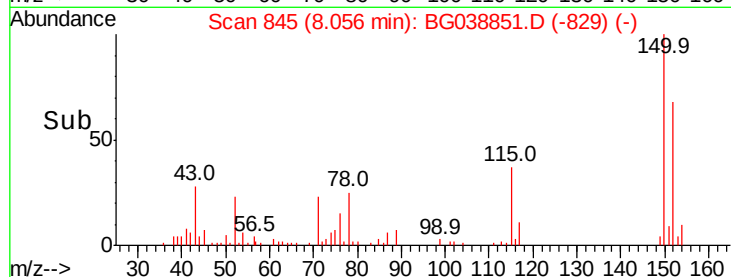
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 845
Delta R.T. -0.00 min
Lab File: BG038851.D
Acq: 27 Dec 2018 19:58

Instrument :
BNA_G
ClientSampleId :
COMP-5

Tot Ion:152 Resp: 23924
Ion Ratio Lower Upper
152 100
150 147.7 119.5 179.3
115 54.8 49.6 74.4



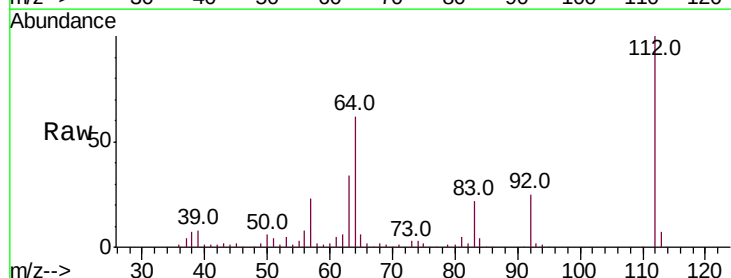
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



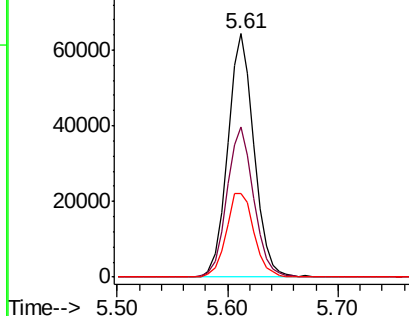
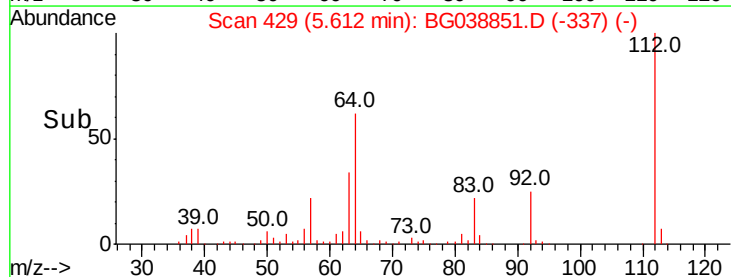
#5

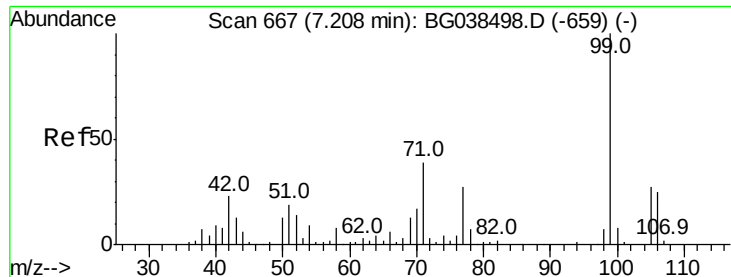
2-Fluorophenol
Concen: 79.152 ng
RT: 5.61 min Scan# 429
Delta R.T. 0.01 min
Lab File: BG038851.D
Acq: 27 Dec 2018 19:58

Tgt Ion:112 Resp: 106764
Ion Ratio Lower Upper
112 100
64 61.5 53.4 80.2
63 34.4 29.3 43.9



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG
Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 54.707 ng

RT: 7.22 min Scan# 703

Delta R.T. 0.01 min

Lab File: BG038851.D

Acq: 27 Dec 2018 19:58

Instrument :

BNA_G

ClientSampleId :

COMP-5

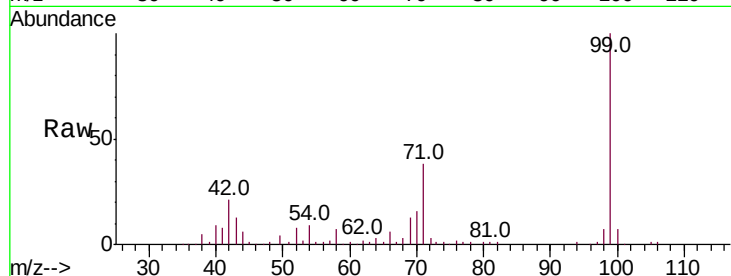
Tot Ion: 99 Resp: 101301

Ion Ratio Lower Upper

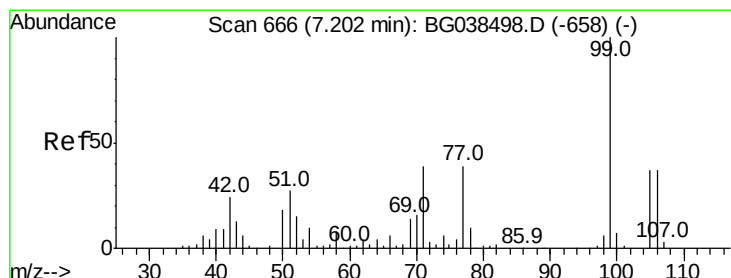
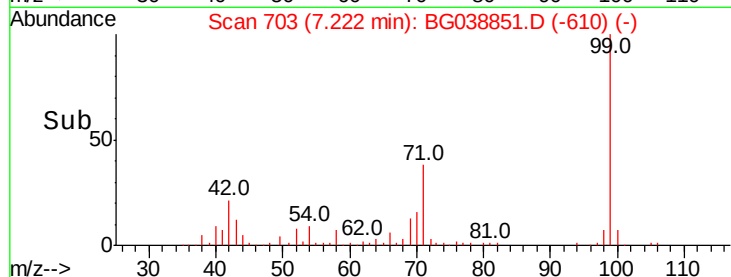
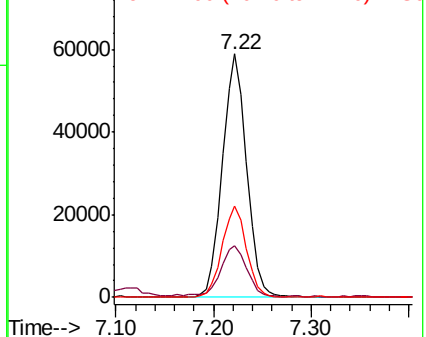
99 100

42 21.4 18.5 27.7

71 37.6 31.1 46.7



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



#9

Benzaldehyde

Concen: 2.478 ng

RT: 7.20 min Scan# 699

Delta R.T. -0.00 min

Lab File: BG038851.D

Acq: 27 Dec 2018 19:58

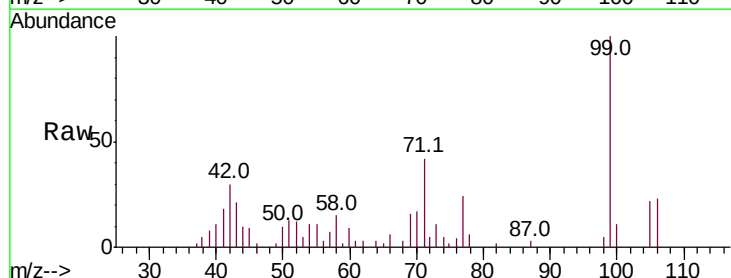
Tgt Ion: 77 Resp: 2977

Ion Ratio Lower Upper

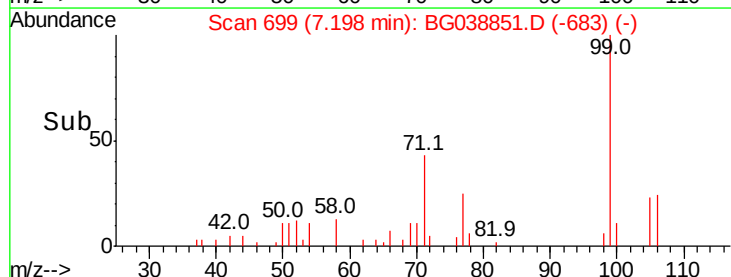
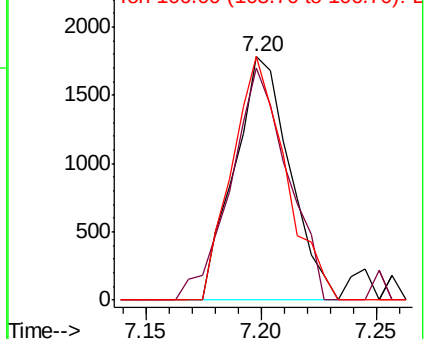
77 100

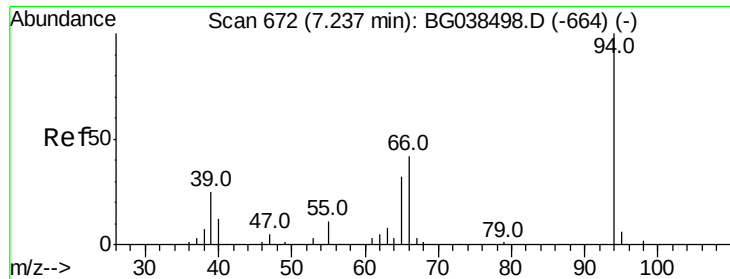
105 95.4 74.0 114.0

106 99.8 73.9 113.9



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC

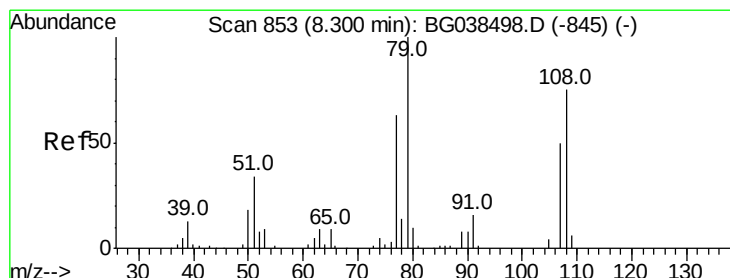
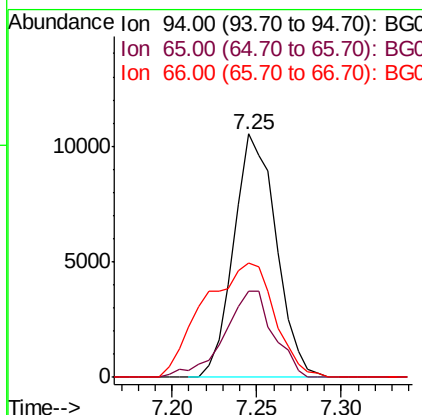
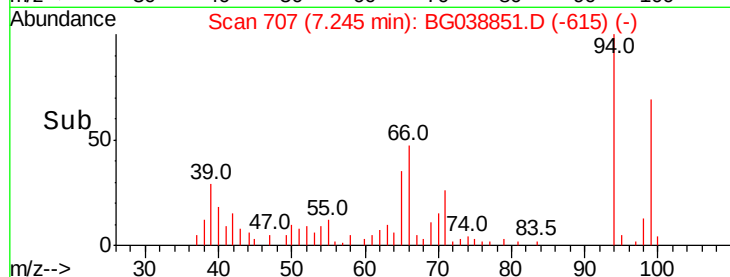
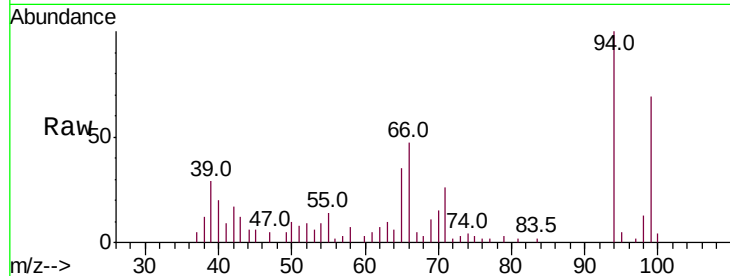




#10
Phenol
Concen: 9.370 ng
RT: 7.25 min Scan# 707
Delta R.T. 0.01 min
Lab File: BG038851.D
Acq: 27 Dec 2018 19:58

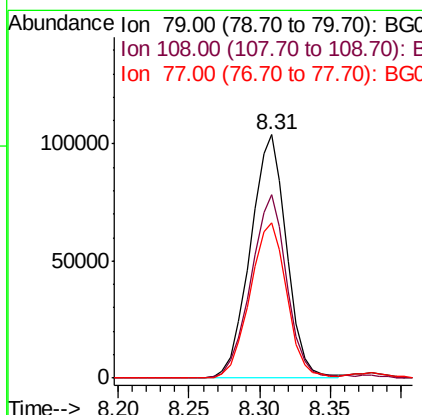
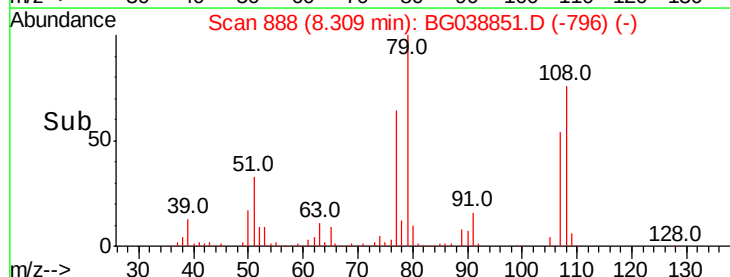
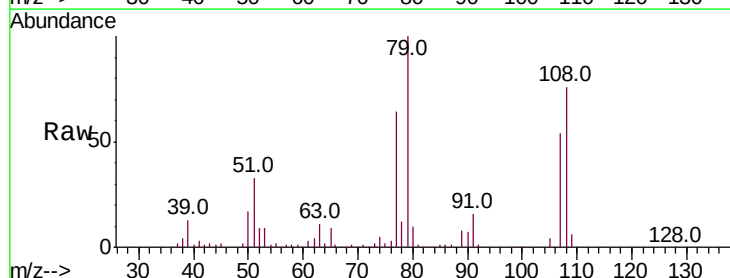
Instrument :
BNA_G
ClientSampled :
COMP-5

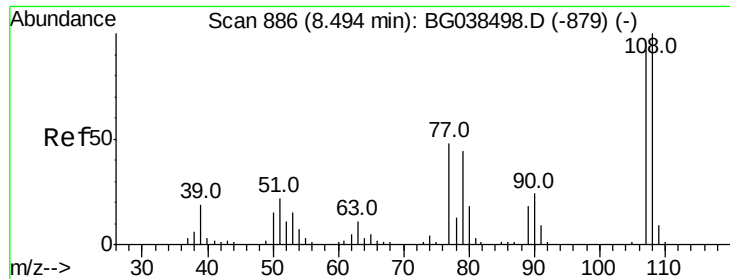
Tot Ion: 94 Resp: 18434
Ion Ratio Lower Upper
94 100
65 35.4 12.6 52.6
66 46.9 24.1 64.1



#15
Benzyl Alcohol
Concen: 129.166 ng
RT: 8.31 min Scan# 888
Delta R.T. 0.01 min
Lab File: BG038851.D
Acq: 27 Dec 2018 19:58

Tgt Ion: 79 Resp: 186688
Ion Ratio Lower Upper
79 100
108 75.6 60.2 90.4
77 63.9 50.7 76.1

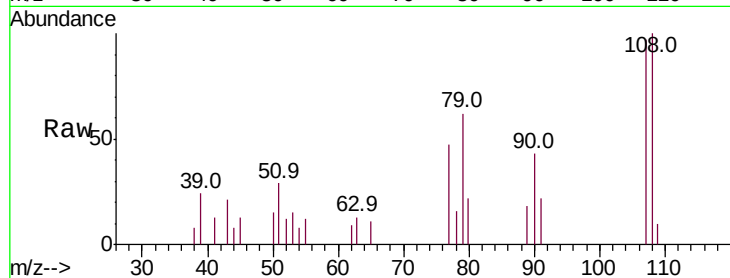




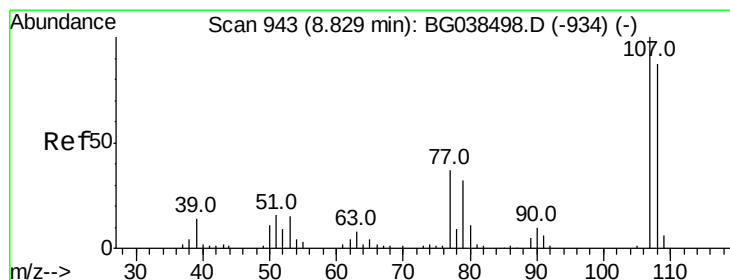
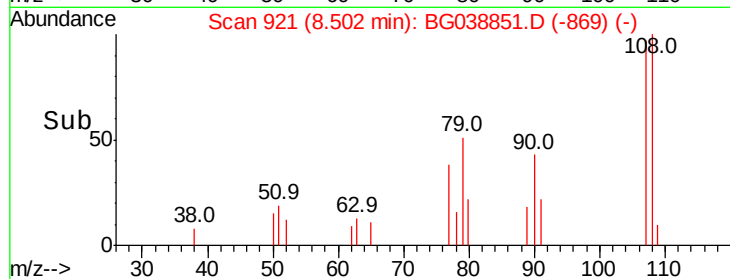
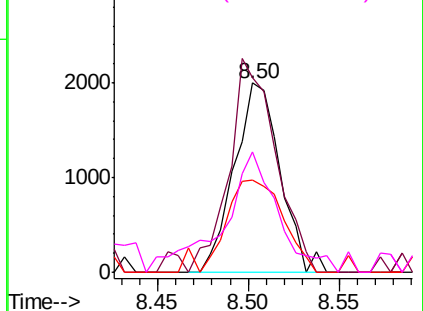
#17
2-Methylphenol
Concen: 2.654 ng
RT: 8.50 min Scan# 921
Delta R.T. 0.01 min
Lab File: BG038851.D
Acq: 27 Dec 2018 19:58

Instrument :
BNA_G
ClientSampleId :
COMP-5

Tot Ion:107 Resp: 3498
Ion Ratio Lower Upper
107 100
108 102.9 87.1 130.7
77 48.6 42.0 63.0
79 63.4 38.2 57.2#



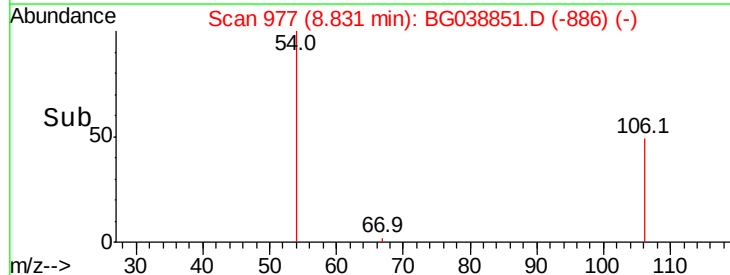
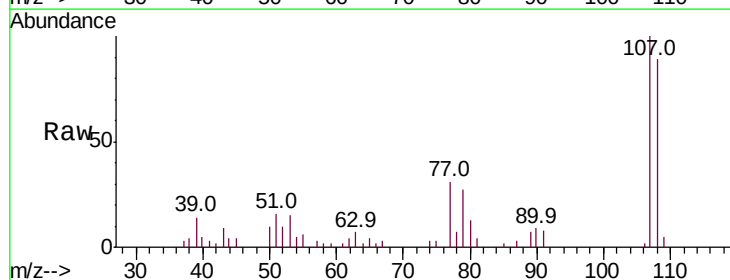
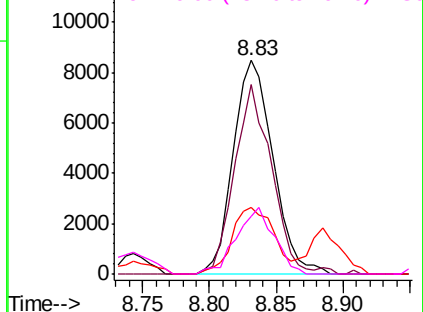
Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

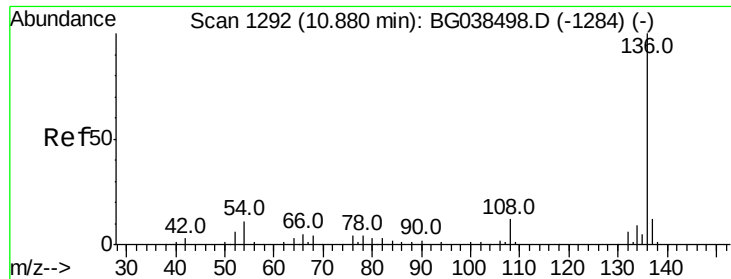


#20
3+4-Methylphenols
Concen: 9.628 ng
RT: 8.83 min Scan# 977
Delta R.T. 0.00 min
Lab File: BG038851.D
Acq: 27 Dec 2018 19:58

Tgt Ion:107 Resp: 17525
Ion Ratio Lower Upper
107 100
108 88.5 66.7 106.7
77 31.1 17.3 57.3
79 27.2 12.3 52.3

Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

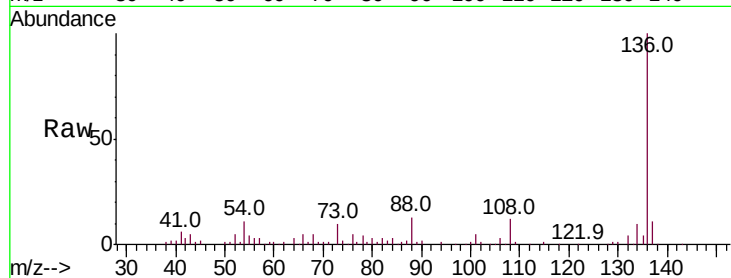




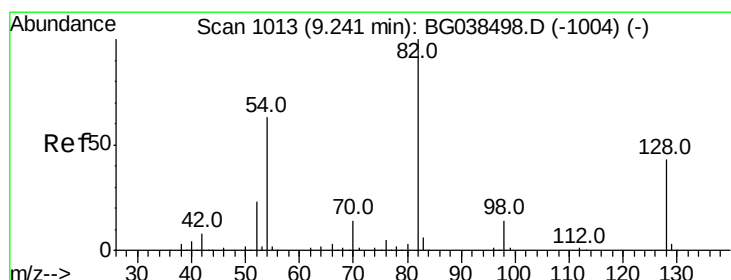
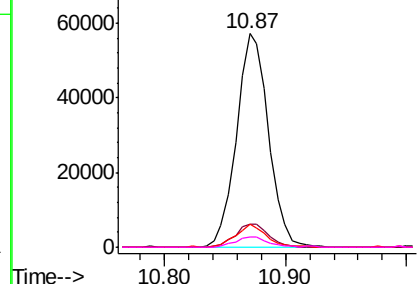
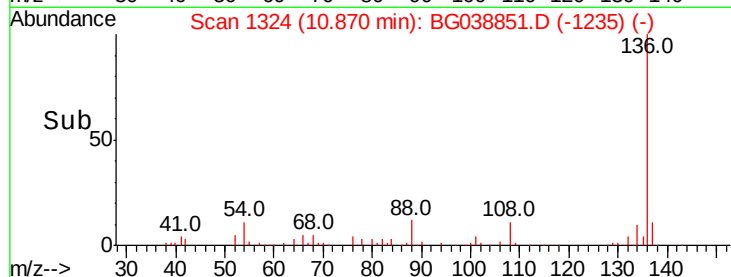
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BG038851.D
Acq: 27 Dec 2018 19:58

Instrument :
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ClientSampleId :
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Tot Ion:	136	Resp:	105193
Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.3	13.9
54	10.6	8.5	12.7
68	5.0	3.5	5.3

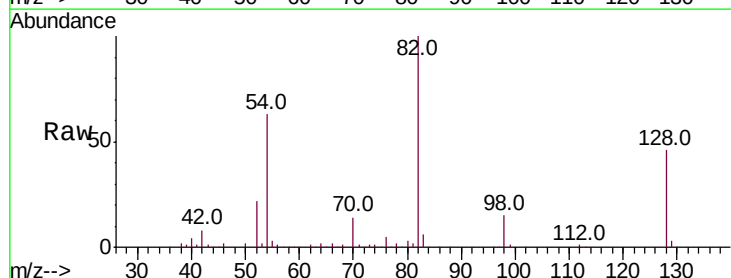


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

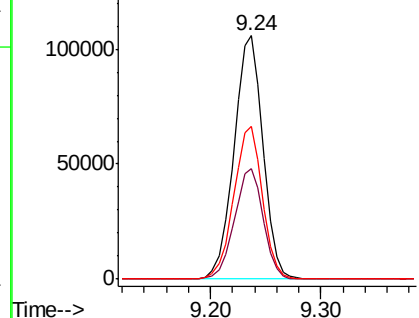
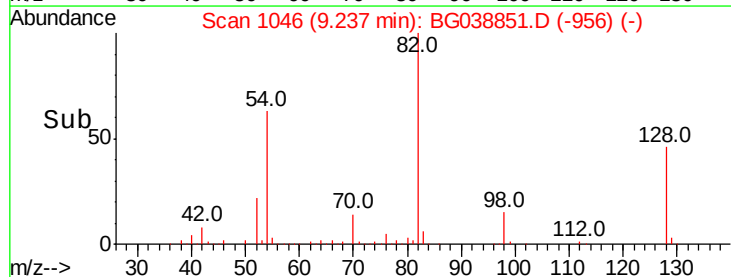


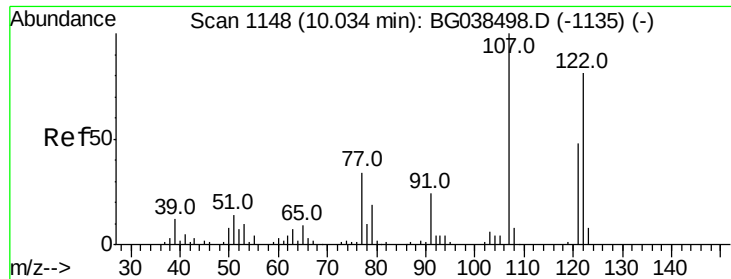
#23
Nitrobenzene-d5
Concen: 94.478 ng
RT: 9.24 min Scan# 1046
Delta R.T. -0.00 min
Lab File: BG038851.D
Acq: 27 Dec 2018 19:58

Tgt Ion:	82	Resp:	194538
Ion	Ratio	Lower	Upper
82	100		
128	45.5	34.6	52.0
54	62.8	50.6	76.0



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

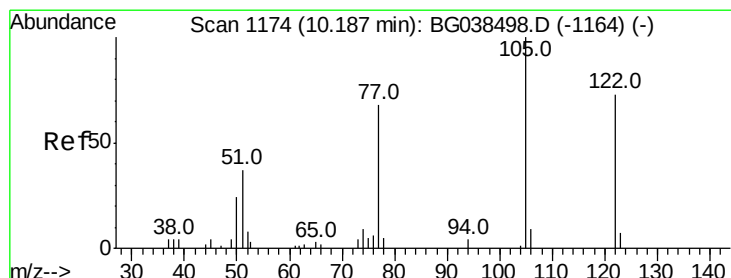
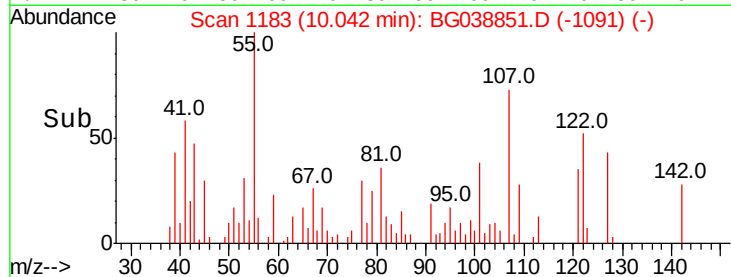
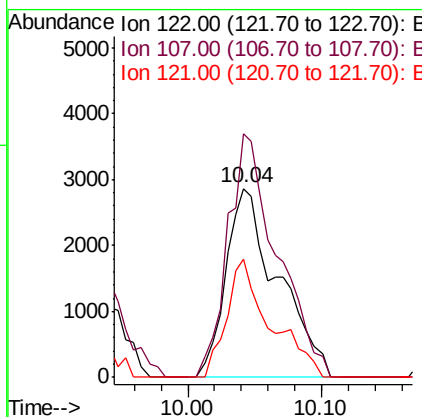
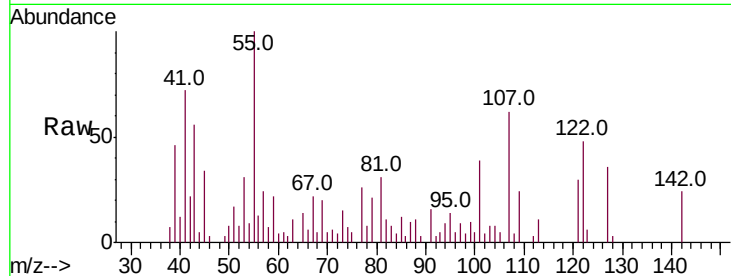




#27
 2,4-Dimethylphenol
 Concen: 5.086 ng
 RT: 10.04 min Scan# 1183
 Delta R.T. 0.01 min
 Lab File: BG038851.D
 Acq: 27 Dec 2018 19:58

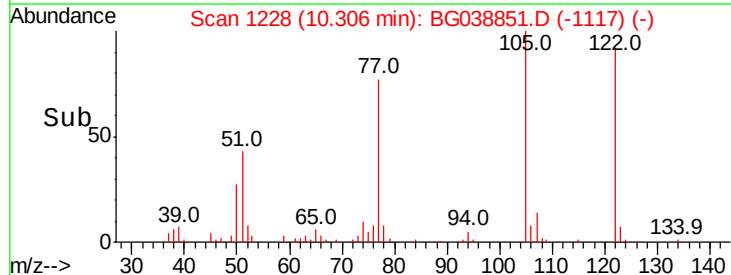
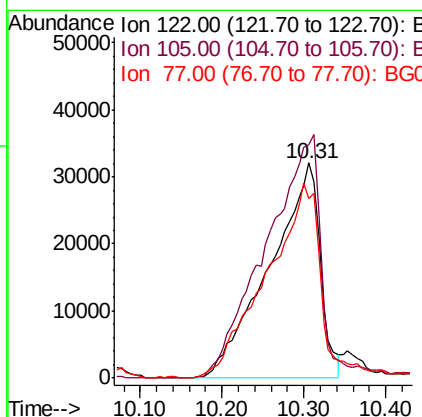
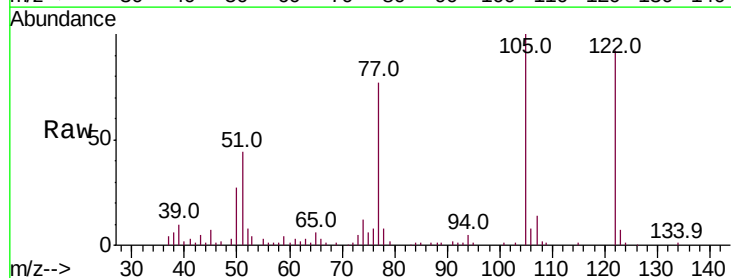
Instrument :
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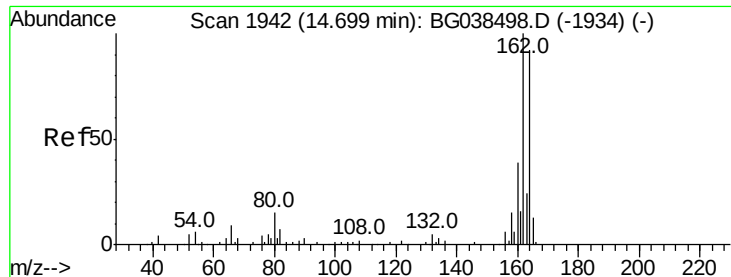
Tot Ion:122 Resp: 7771
 Ion Ratio Lower Upper
 122 100
 107 129.0 98.4 147.6
 121 62.3 47.2 70.8



#32
 Benzoic acid
 Concen: 120.727 ng
 RT: 10.31 min Scan# 1228
 Delta R.T. 0.12 min
 Lab File: BG038851.D
 Acq: 27 Dec 2018 19:58

Tgt Ion:122 Resp: 136130
 Ion Ratio Lower Upper
 122 100
 105 108.3 116.7 156.7#
 77 83.6 72.5 112.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.69 min Scan# 1974

Delta R.T. -0.01 min

Lab File: BG038851.D

Acq: 27 Dec 2018 19:58

Instrument :

BNA_G

ClientSampleId :

COMP-5

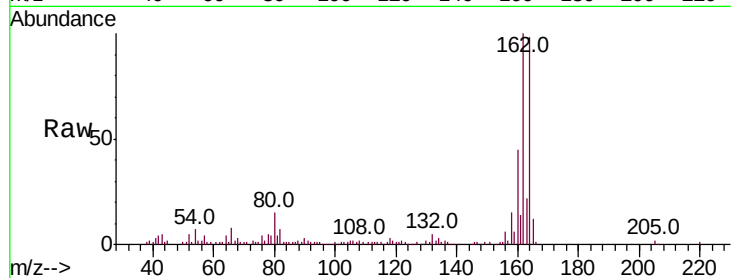
Tot Ion:164 Resp: 76298

Ion Ratio Lower Upper

164 100

162 101.8 86.6 130.0

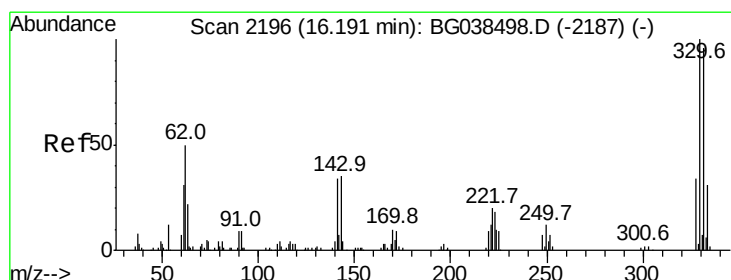
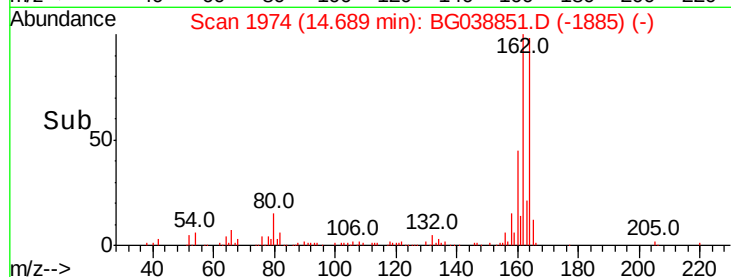
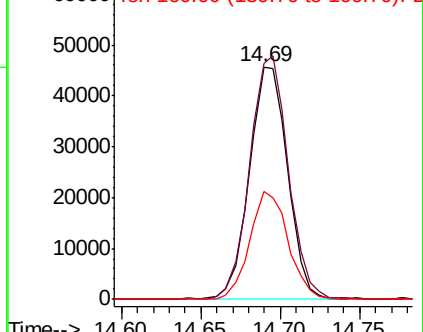
160 46.3 34.2 51.2



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



#42

2,4,6-Tribromophenol

Concen: 181.016 ng

RT: 16.19 min Scan# 2229

Delta R.T. -0.00 min

Lab File: BG038851.D

Acq: 27 Dec 2018 19:58

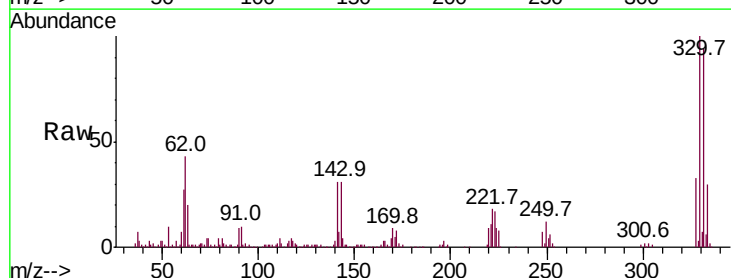
Tgt Ion:330 Resp: 190343

Ion Ratio Lower Upper

330 100

332 96.4 76.9 115.3

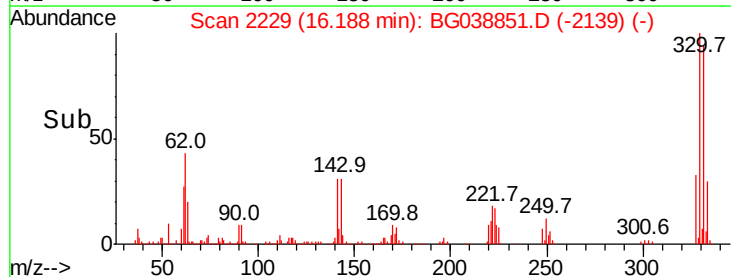
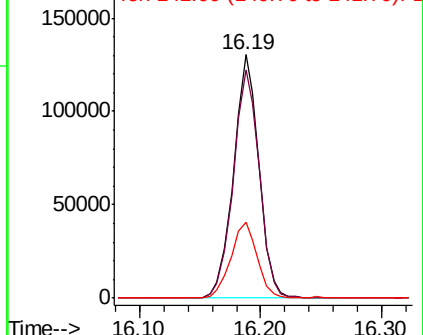
141 32.1 28.8 43.2

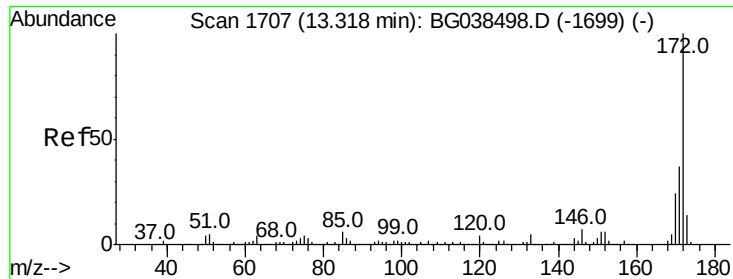


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

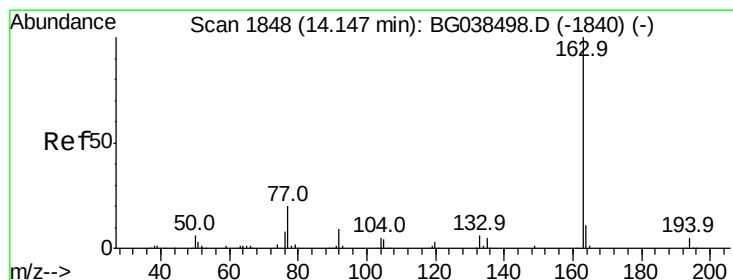
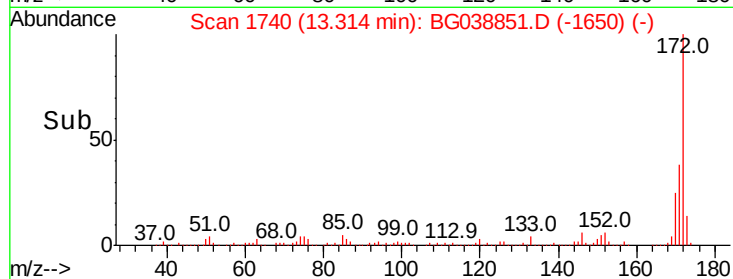
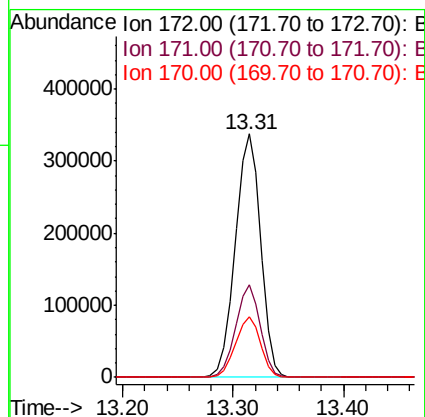
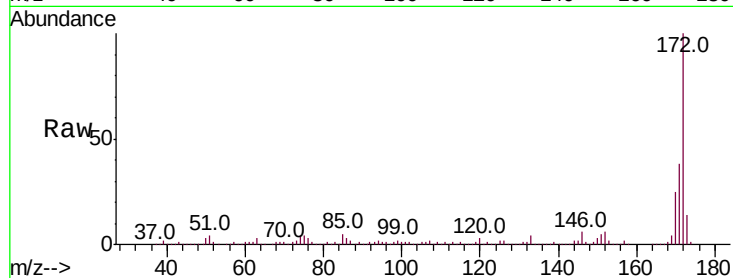




#45
 2-Fluorobiphenyl
 Concen: 97.787 ng
 RT: 13.31 min Scan# 1740
 Delta R.T. -0.00 min
 Lab File: BG038851.D
 Acq: 27 Dec 2018 19:58

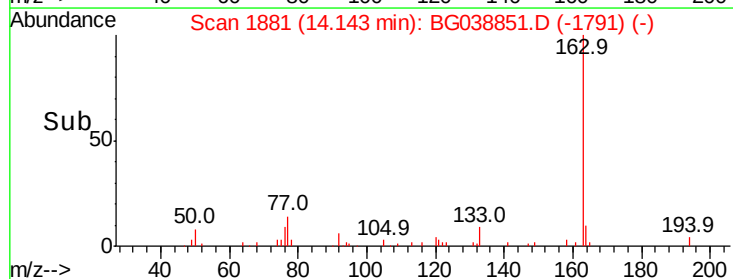
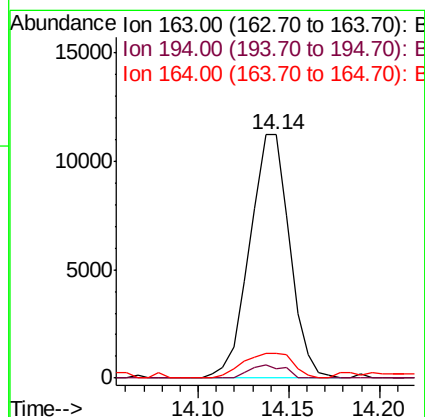
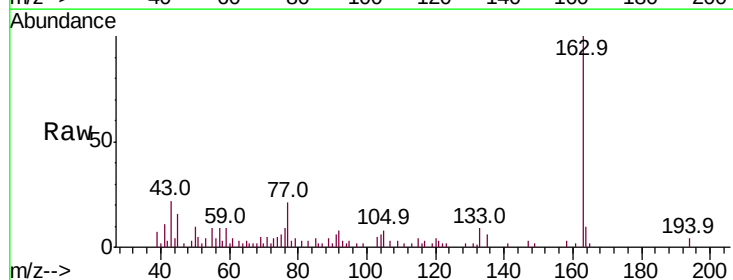
Instrument :
 BNA_G
 ClientSampleId :
 COMP-5

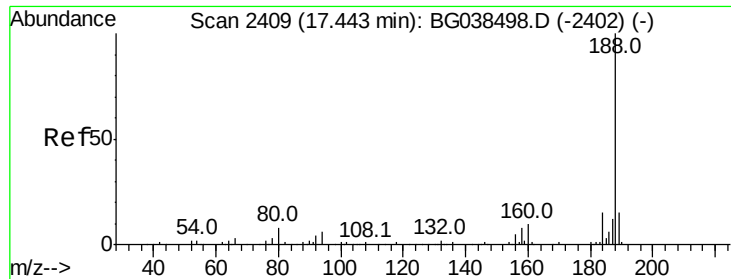
Tot Ion:172 Resp: 543861
 Ion Ratio Lower Upper
 172 100
 171 37.9 29.8 44.6
 170 25.0 19.5 29.3



#50
 Dimethylphthalate
 Concen: 2.765 ng
 RT: 14.14 min Scan# 1881
 Delta R.T. -0.00 min
 Lab File: BG038851.D
 Acq: 27 Dec 2018 19:58

Tgt Ion:163 Resp: 17226
 Ion Ratio Lower Upper
 163 100
 194 4.1 3.7 5.5
 164 10.3 8.6 12.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.44 min Scan# 2442

Delta R.T. -0.00 min

Lab File: BG038851.D

Acq: 27 Dec 2018 19:58

Instrument :

BNA_G

ClientSampled :

COMP-5

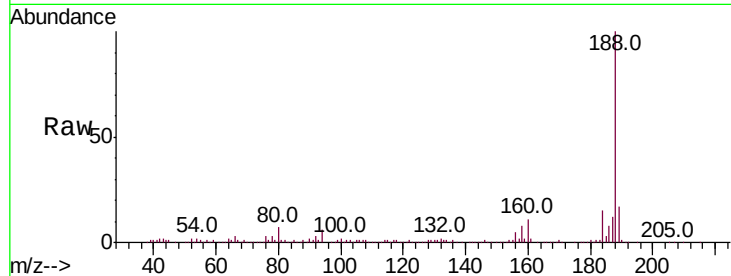
Tot Ion:188 Resp: 178049

Ion Ratio Lower Upper

188 100

94 6.5 5.1 7.7

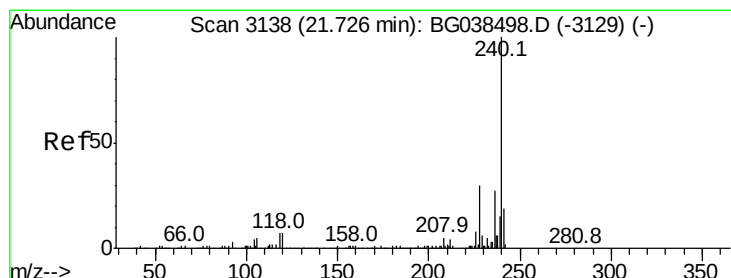
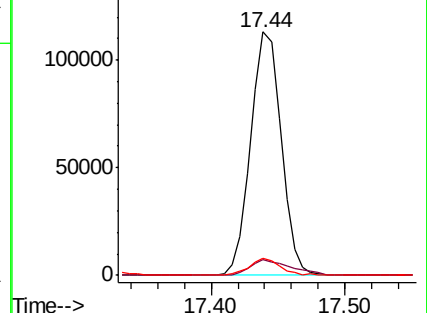
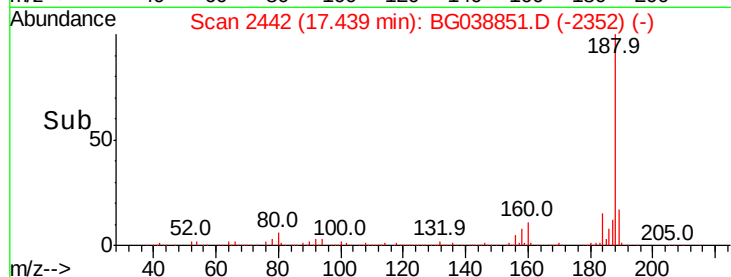
80 7.1 6.1 9.1



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.72 min Scan# 3170

Delta R.T. -0.01 min

Lab File: BG038851.D

Acq: 27 Dec 2018 19:58

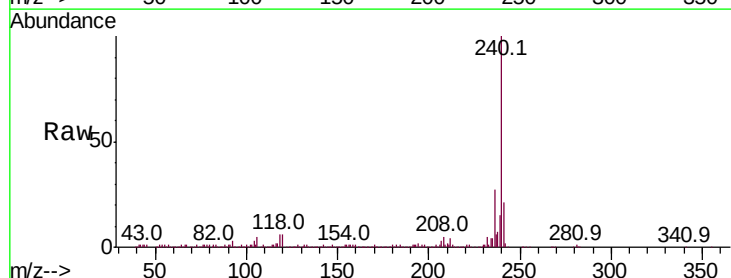
Tgt Ion:240 Resp: 186771

Ion Ratio Lower Upper

240 100

120 5.9 5.3 7.9

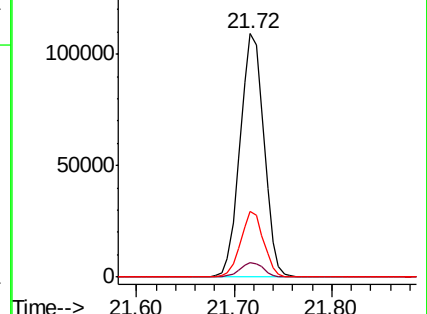
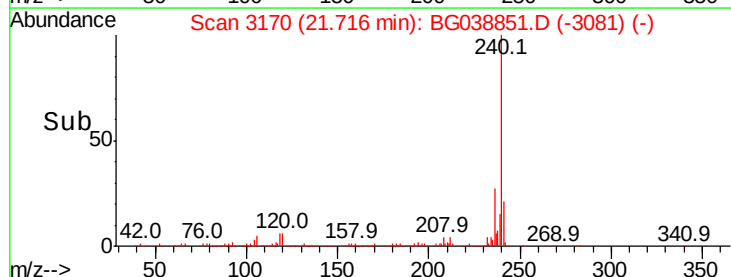
236 27.0 21.4 32.2

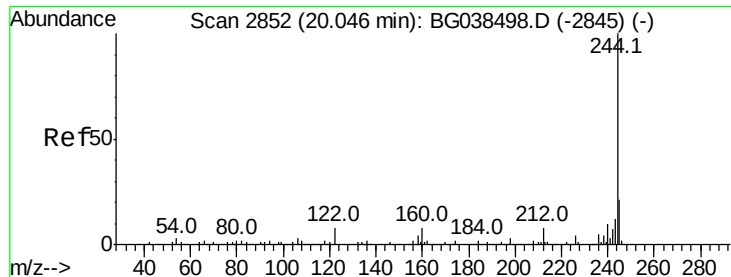


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 101.580 ng

RT: 20.04 min Scan# 2885

Delta R.T. -0.00 min

Lab File: BG038851.D

Acq: 27 Dec 2018 19:58

Instrument :

BNA_G

ClientSampleId :

COMP-5

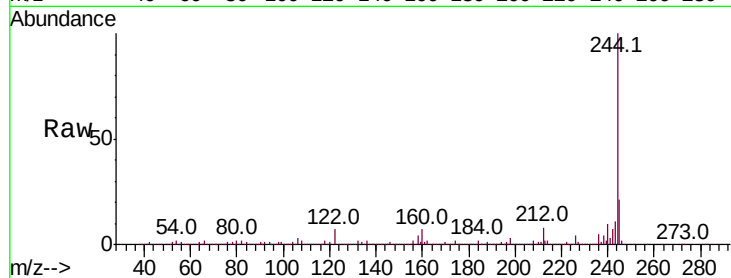
Tot Ion:244 Resp: 871755

Ion Ratio Lower Upper

244 100

212 7.6 6.2 9.2

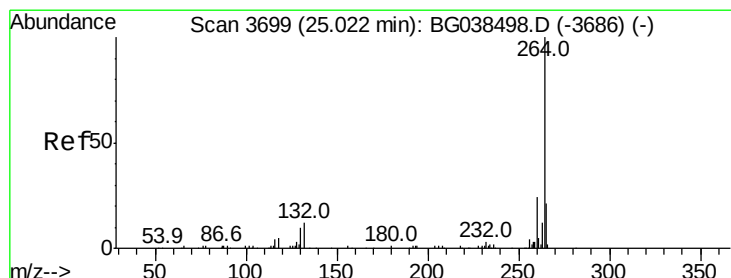
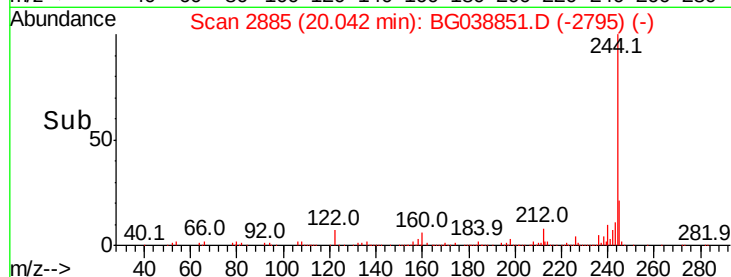
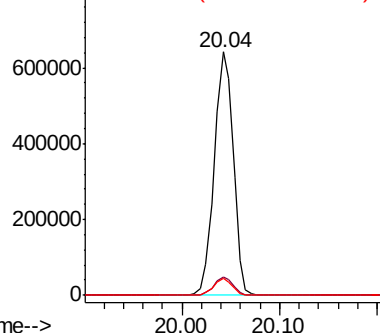
122 6.9 6.3 9.5



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 25.02 min Scan# 3732

Delta R.T. -0.00 min

Lab File: BG038851.D

Acq: 27 Dec 2018 19:58

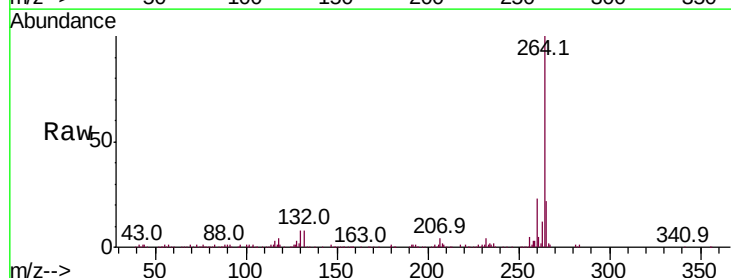
Tgt Ion:264 Resp: 202110

Ion Ratio Lower Upper

264 100

260 22.8 18.9 28.3

265 21.9 17.0 25.4



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

