

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG122718\
 Data File : BG038850.D
 Acq On : 27 Dec 2018 19:19
 Operator : JU/SJ
 Sample : J6533-16
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 COMP-4

Manual Integrations
 APPROVED

Sohil
 12/28/2018 4:03:24 PM

Quant Time: Dec 28 01:09:52 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	25095	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	110237	20.00	ng	-0.01
39) Acenaphthene-d10	14.69	164	79231	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	179935	20.00	ng	0.00
76) Chrysene-d12	21.72	240	188991	20.00	ng	-0.01
87) Perylene-d12	25.02	264	204160	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	91234	64.48	ng	0.00
7) Phenol-d6	7.22	99	97776	50.34	ng	0.01
23) Nitrobenzene-d5	9.24	82	159103	73.73	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	154296	141.30	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	432898	74.95	ng	0.00
79) Terphenyl-d14	20.04	244	602981	69.44	ng	0.00
Target Compounds						
9) Benzaldehyde	7.20	77	12694	10.074	ng	87
10) Phenol	7.24	94	21552	10.444	ng	99
15) Benzyl Alcohol	8.30	79	144695	95.440	ng	99
20) 3+4-Methylphenols	8.83	107	20054	10.503	ng	97
27) 2,4-Dimethylphenol	10.04	122	7005m	4.375	ng	
32) Benzoic acid	10.41	122	345577	277.994	ng	95
50) Dimethylphthalate	14.14	163	40224	6.217	ng	97
66) n-Nitrosodiphenylamine	15.95	169	16029	3.032	ng	97

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

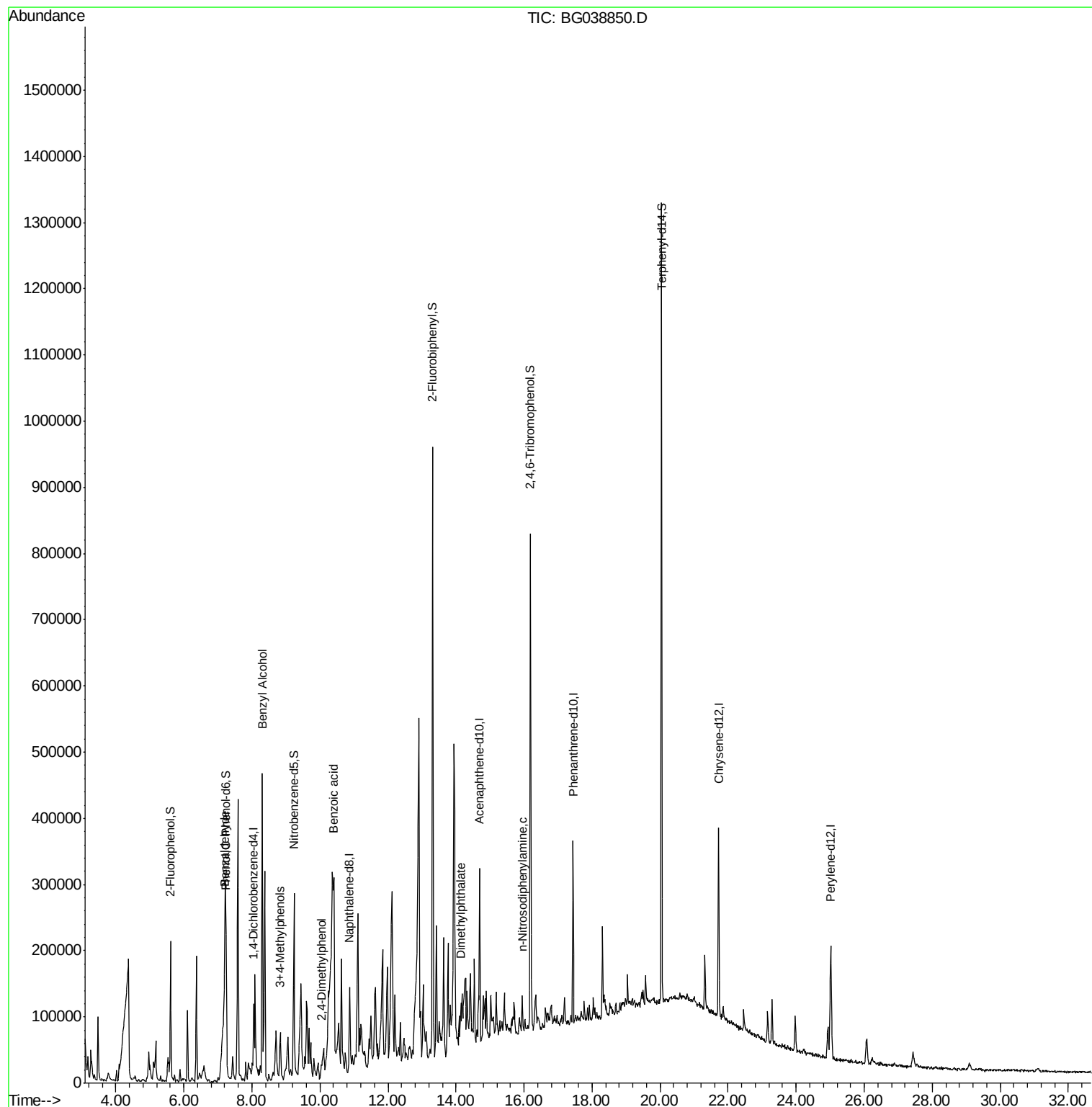
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG122718\
Data File : BG038850.D
Acq On : 27 Dec 2018 19:19
Operator : JU/SJ
Sample : J6533-16
Misc :
ALS Vial : 9 Sample Multiplier: 1

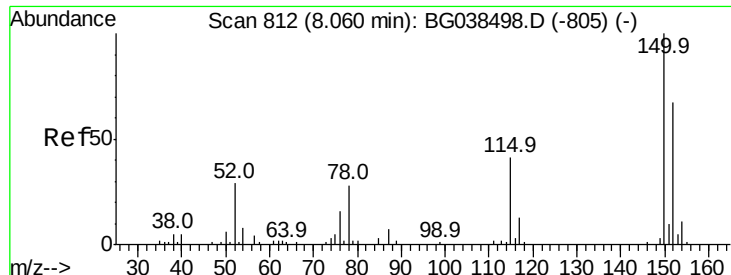
Instrument :
BNA_G
ClientSampleId :
COMP-4

Quant Time: Dec 28 01:09:52 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

Manual Integrations
APPROVED

Sohil
12/28/2018 4:03:24 PM





#1

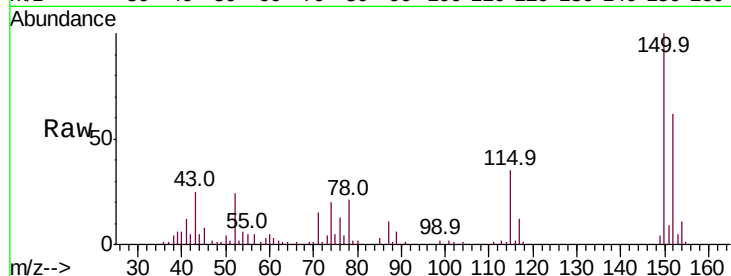
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 845
Delta R.T. -0.00 min
Lab File: BG038850.D
Acq: 27 Dec 2018 19:19

Instrument :
BNA_G
ClientSampleId :
COMP-4

Tot Ion	Ratio	Lower	Upper
152	100		
150	161.2	119.5	179.3
115	56.1	49.6	74.4

Manual Integrations
APPROVED

Sohil
12/28/2018 4:03:24 PM

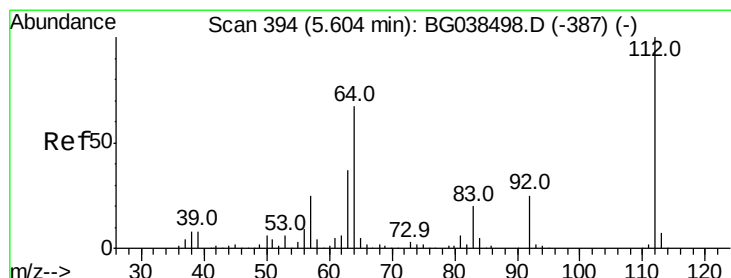
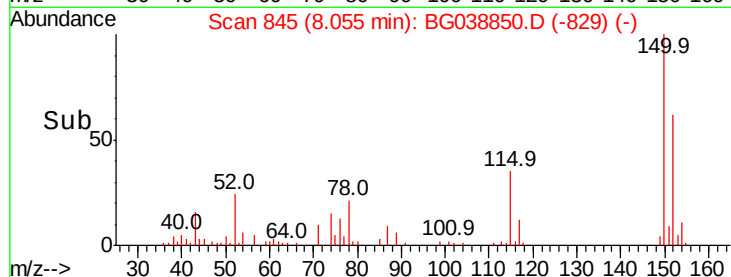
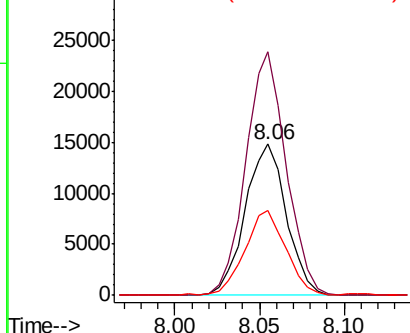


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

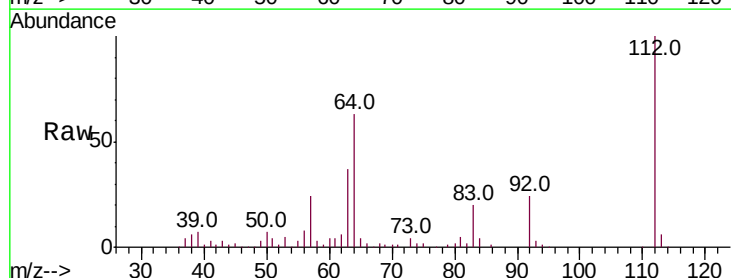
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 64.482 ng
RT: 5.61 min Scan# 429
Delta R.T. 0.01 min
Lab File: BG038850.D
Acq: 27 Dec 2018 19:19

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.8	53.4	80.2
63	36.7	29.3	43.9

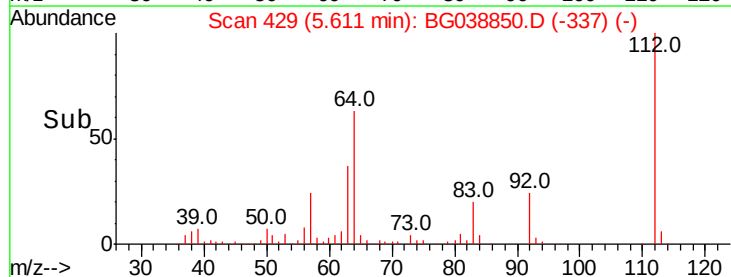
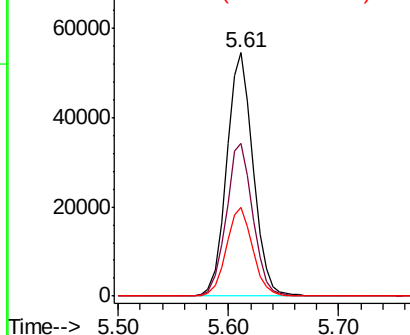


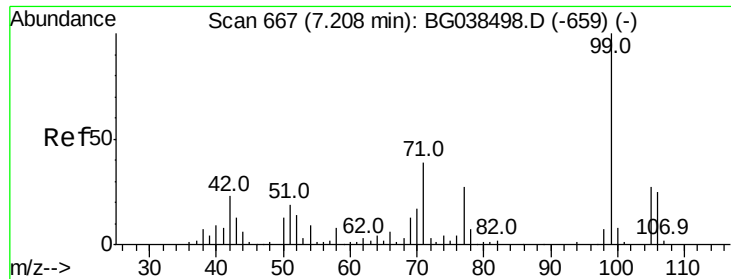
Abundance

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: 50.339 ng

RT: 7.22 min Scan# 703

Delta R.T. 0.01 min

Lab File: BG038850.D

Acq: 27 Dec 2018 19:19

Instrument :

BNA_G

ClientSampled :

COMP-4

Tot Ion: 99 Resp: 97776

Ion Ratio Lower Upper

99 100

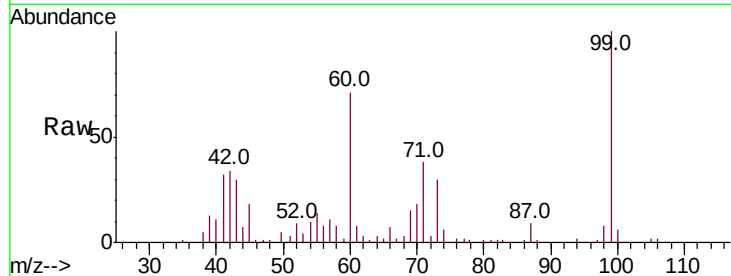
42 33.6 18.5 27.7#

71 38.4 31.1 46.7

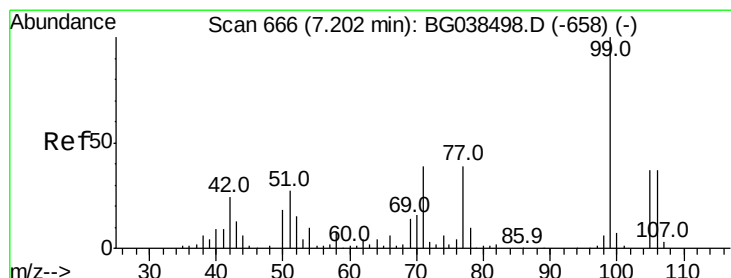
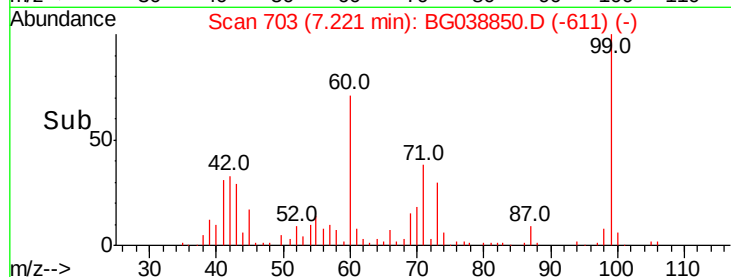
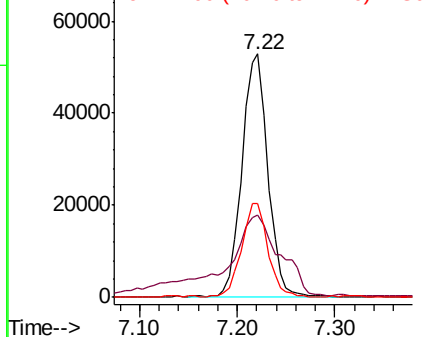
Manual Integrations
APPROVED

Sohil

12/28/2018 4:03:24 PM



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: 10.074 ng

RT: 7.20 min Scan# 699

Delta R.T. -0.00 min

Lab File: BG038850.D

Acq: 27 Dec 2018 19:19

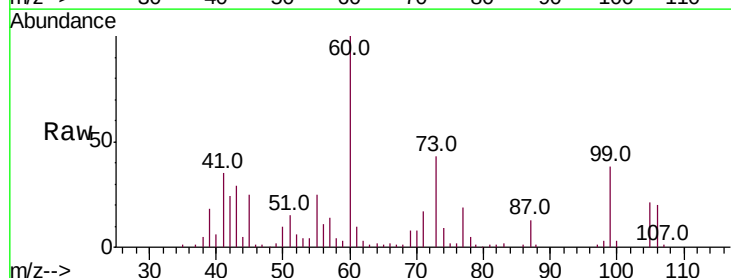
Tgt Ion: 77 Resp: 12694

Ion Ratio Lower Upper

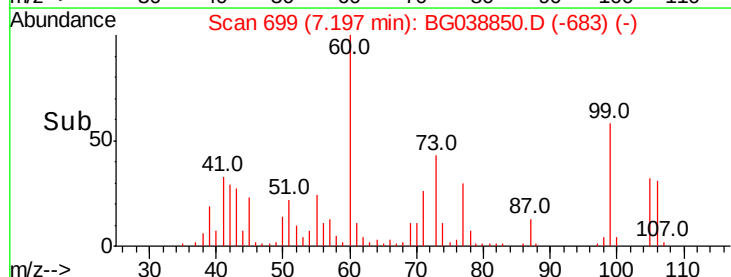
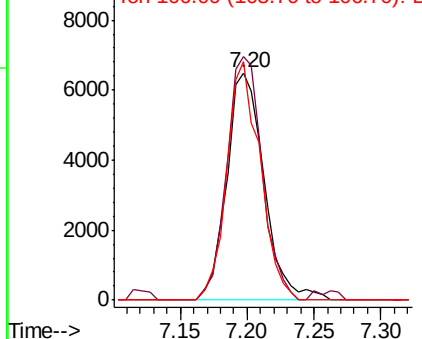
77 100

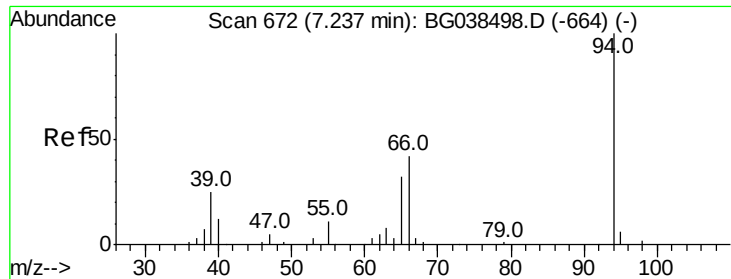
105 107.1 74.0 114.0

106 105.1 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





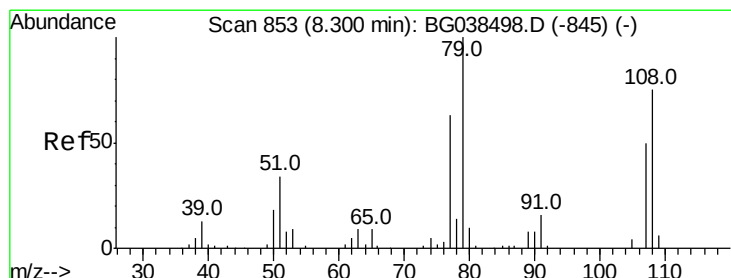
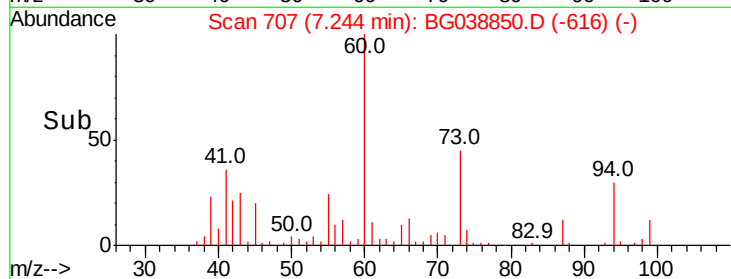
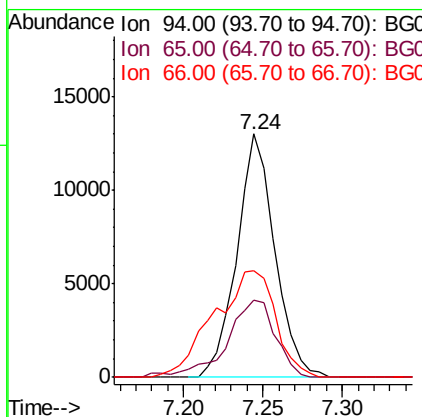
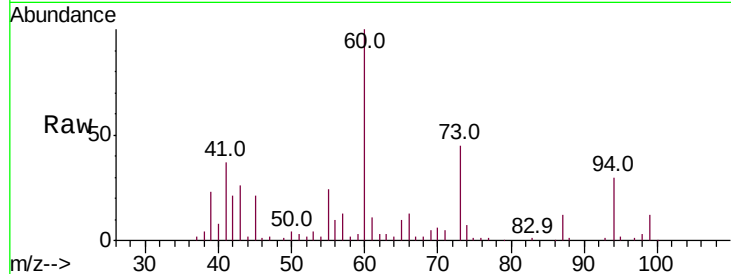
#10
Phenol
Concen: 10.444 ng
RT: 7.24 min Scan# 707
Delta R.T. 0.01 min
Lab File: BG038850.D
Acq: 27 Dec 2018 19:19

Instrument :
BNA_G
ClientSampled :
COMP-4

Tot Ion: 94 Resp: 21552
Ion Ratio Lower Upper
94 100
65 32.0 12.6 52.6
66 43.7 24.1 64.1

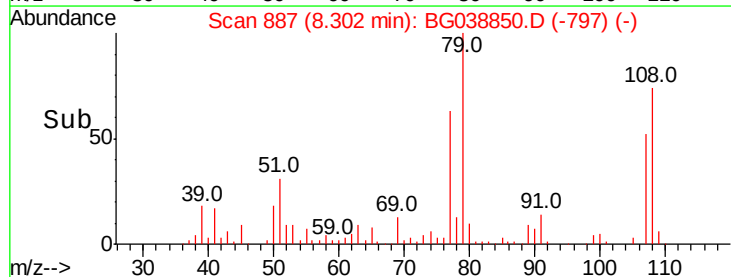
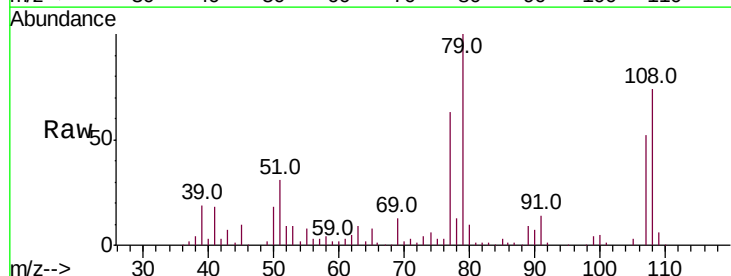
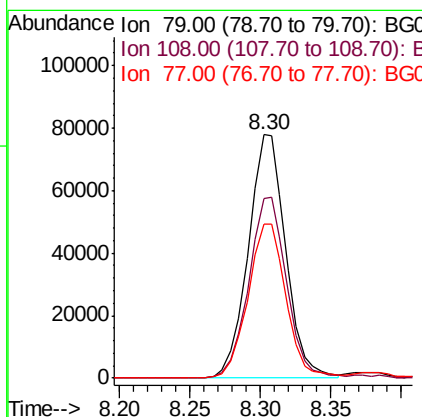
Manual Integrations
APPROVED

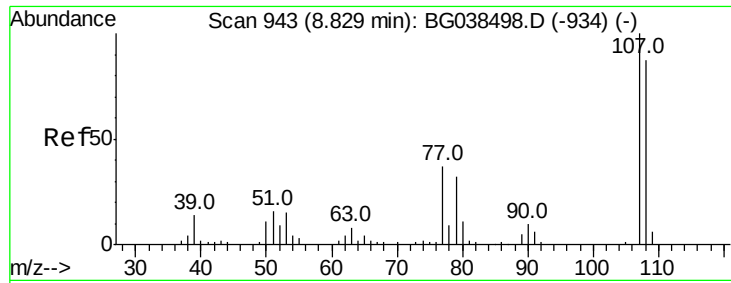
Sohil
12/28/2018 4:03:24 PM



#15
Benzyl Alcohol
Concen: 95.440 ng
RT: 8.30 min Scan# 887
Delta R.T. 0.00 min
Lab File: BG038850.D
Acq: 27 Dec 2018 19:19

Tgt Ion: 79 Resp: 144695
Ion Ratio Lower Upper
79 100
108 73.9 60.2 90.4
77 63.3 50.7 76.1





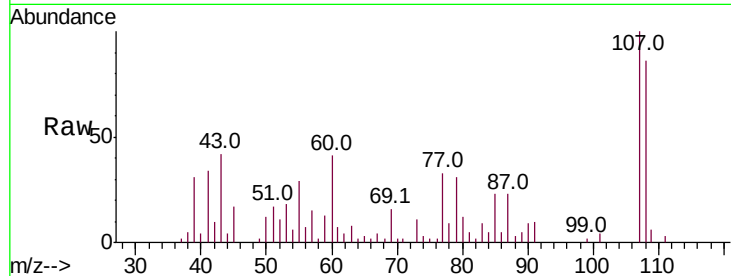
#20
3+4-Methylphenols
Concen: 10.503 ng
RT: 8.83 min Scan# 977
Delta R.T. 0.00 min
Lab File: BG038850.D
Acq: 27 Dec 2018 19:19

Instrument :
BNA_G
ClientSampleId :
COMP-4

Tot Ion	Ratio	Lower	Upper
107	100		
108	85.5	66.7	106.7
77	32.9	17.3	57.3
79	31.1	12.3	52.3

Manual Integrations
APPROVED

Sohil
12/28/2018 4:03:24 PM



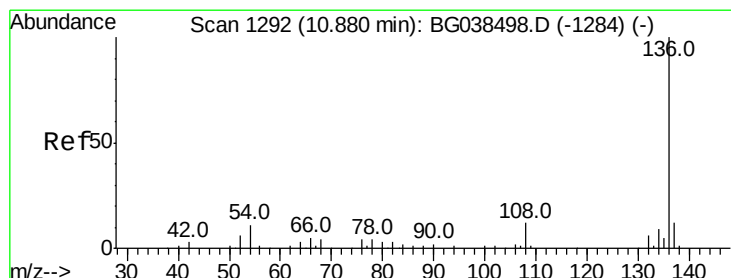
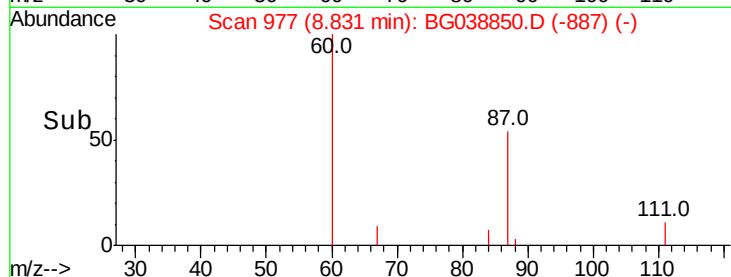
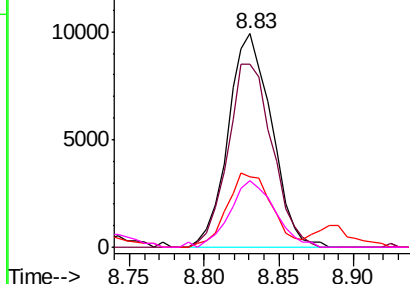
Abundance

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): BG

Ion 79.00 (78.70 to 79.70): BG



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BG038850.D
Acq: 27 Dec 2018 19:19

Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.8	9.3	13.9
54	10.2	8.5	12.7
68	4.3	3.5	5.3

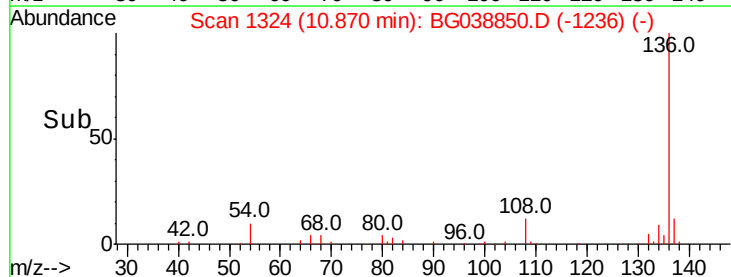
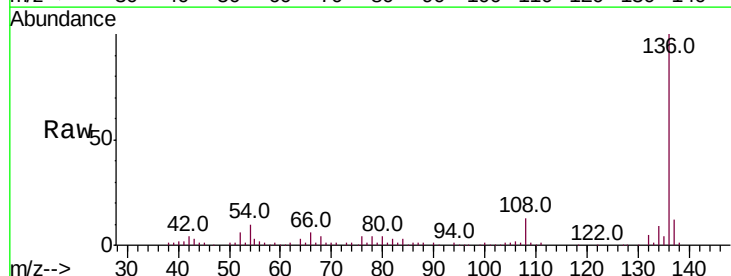
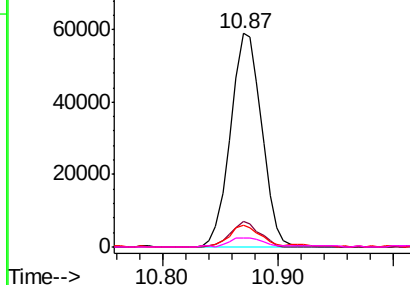
Abundance

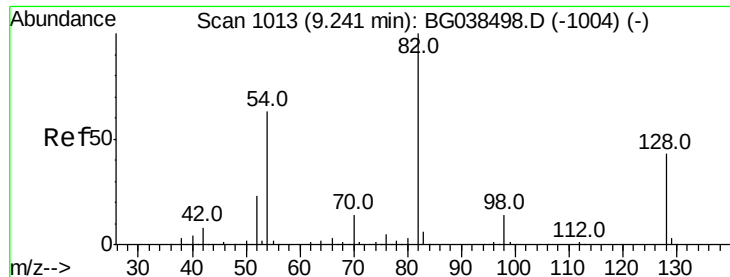
Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BG

Ion 68.00 (67.70 to 68.70): BG





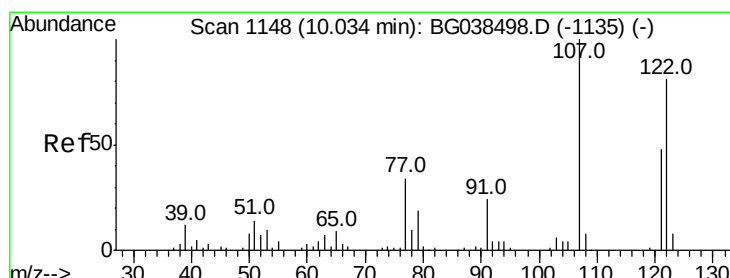
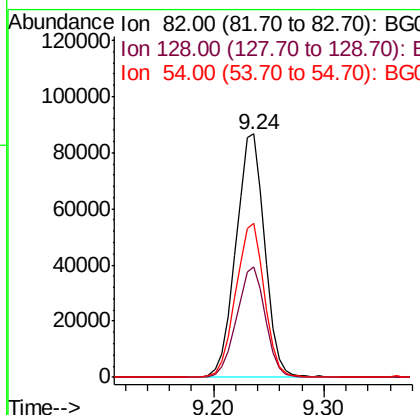
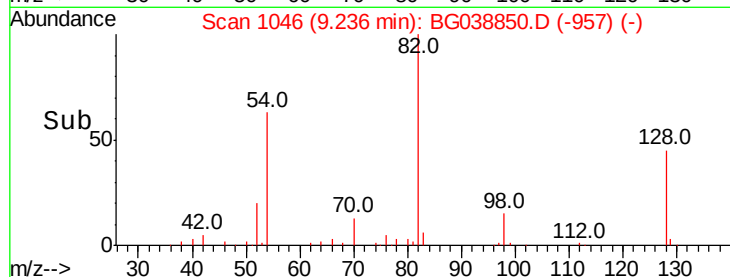
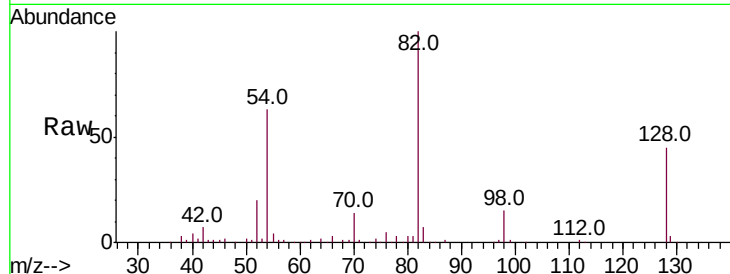
#23
 Nitrobenzene-d5
 Concen: 73.733 ng
 RT: 9.24 min Scan# 1046
 Delta R.T. -0.00 min
 Lab File: BG038850.D
 Acq: 27 Dec 2018 19:19

Instrument :
 BNA_G
 ClientSampled :
 COMP-4

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.2	34.6	52.0
54	63.0	50.6	76.0

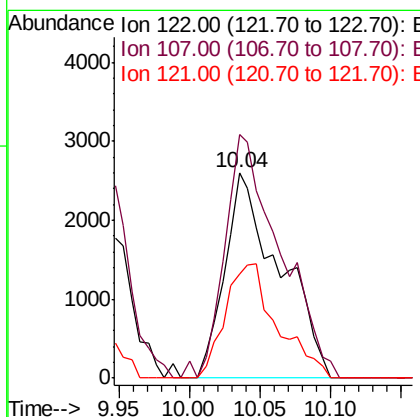
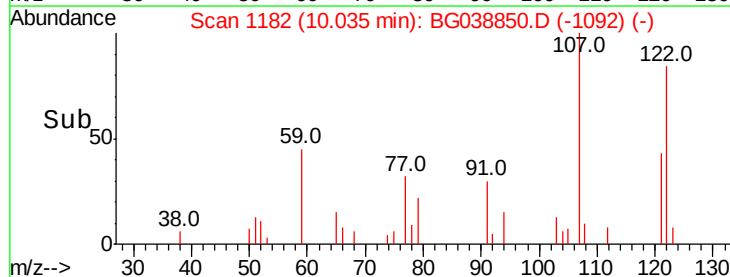
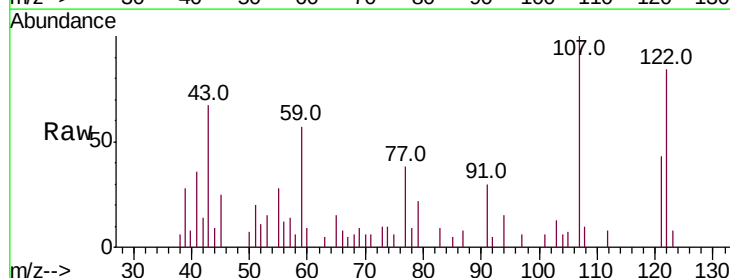
Manual Integrations
 APPROVED

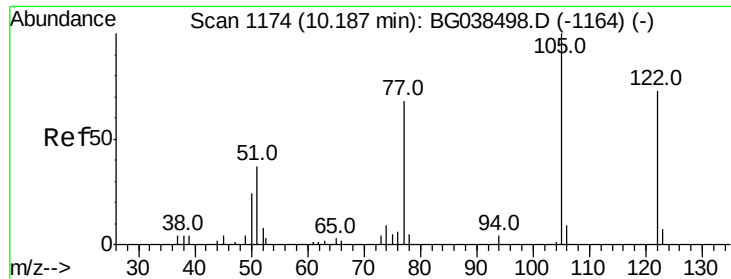
Sohil
 12/28/2018 4:03:24 PM



#27
 2,4-Dimethylphenol
 Concen: 4.375 ng m
 RT: 10.04 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: BG038850.D
 Acq: 27 Dec 2018 19:19

Tgt Ion	Ratio	Lower	Upper
122	100		
107	118.5	98.4	147.6
121	50.8	47.2	70.8





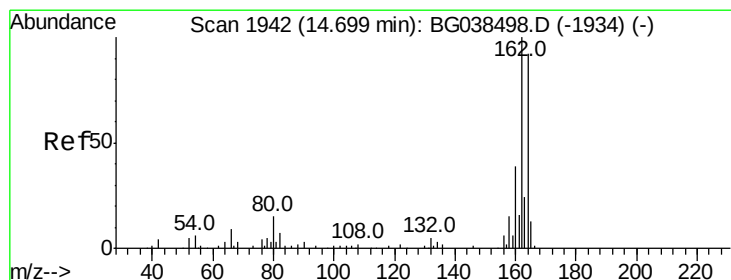
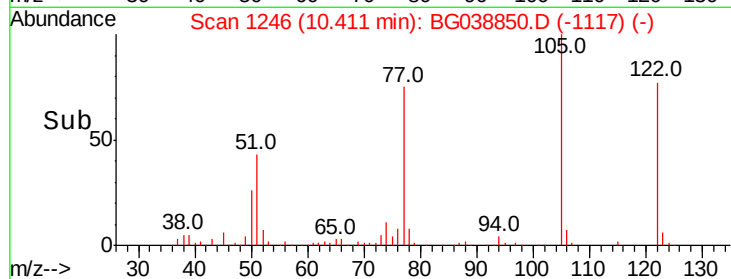
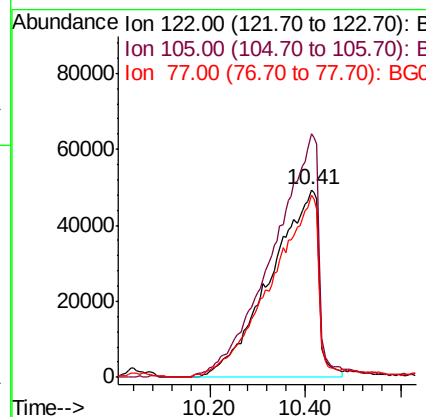
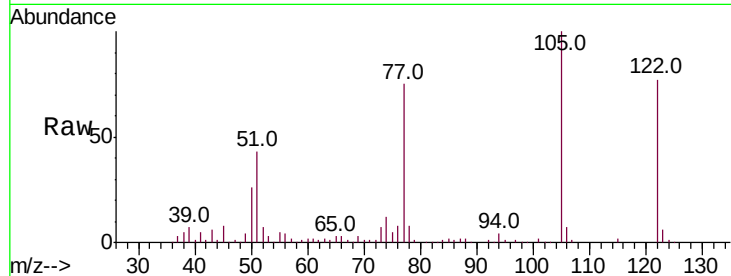
#32
Benzoic acid
Concen: 277.994 ng
RT: 10.41 min Scan# 1246
Delta R.T. 0.23 min
Lab File: BG038850.D
Acq: 27 Dec 2018 19:19

Instrument :
BNA_G
ClientSampleId :
COMP-4

Tot Ion	Ratio	Lower	Upper
122	100		
105	129.7	116.7	156.7
77	97.3	72.5	112.5

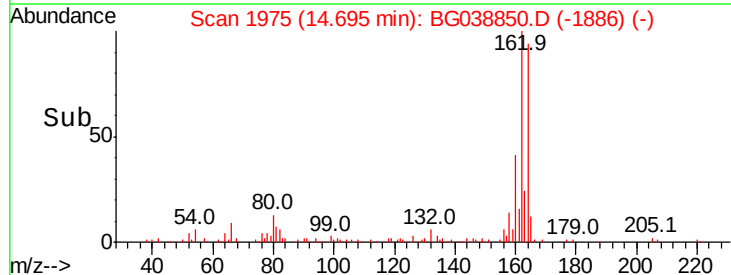
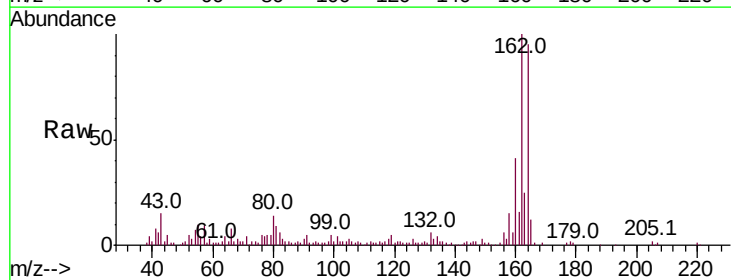
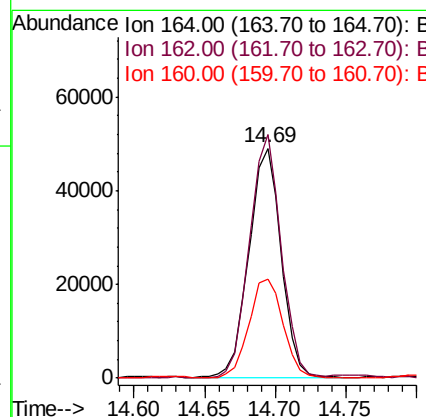
Manual Integrations
APPROVED

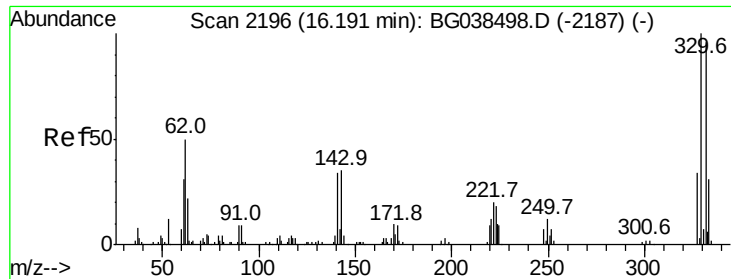
Sohil
12/28/2018 4:03:24 PM



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.69 min Scan# 1975
Delta R.T. -0.00 min
Lab File: BG038850.D
Acq: 27 Dec 2018 19:19

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.8	86.6	130.0
160	42.9	34.2	51.2





#42

2,4,6-Tribromophenol

Concen: 141.304 ng

RT: 16.19 min Scan# 2229

Delta R.T. -0.00 min

Lab File: BG038850.D

Acq: 27 Dec 2018 19:19

Instrument :

BNA_G

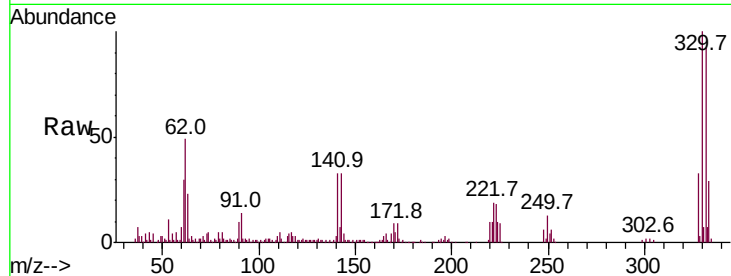
ClientSampled :

COMP-4

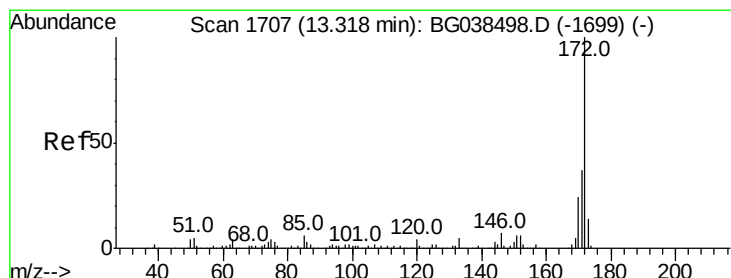
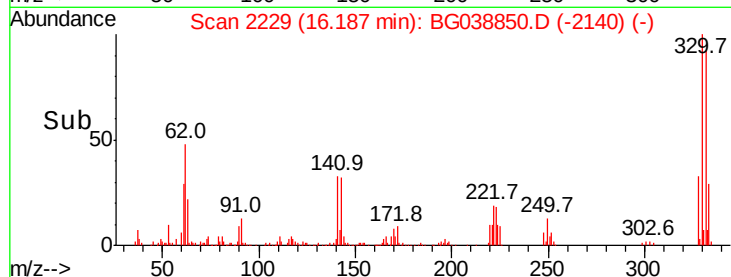
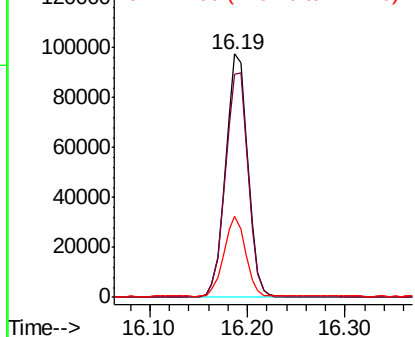
Tot Ion:	330	Resp:	154296
Ion Ratio	Lower	Upper	
330	100		
332	94.5	76.9	115.3
141	31.7	28.8	43.2

Manual Integrations
APPROVED

Sohil
12/28/2018 4:03:24 PM



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: 74.954 ng

RT: 13.31 min Scan# 1740

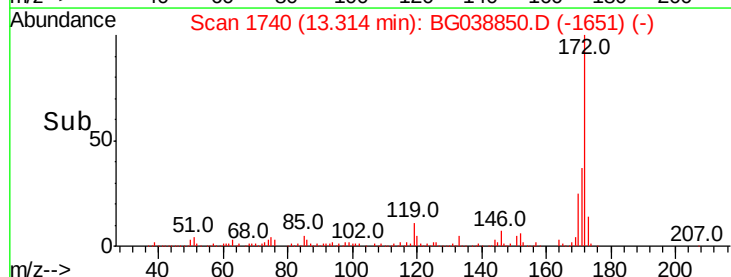
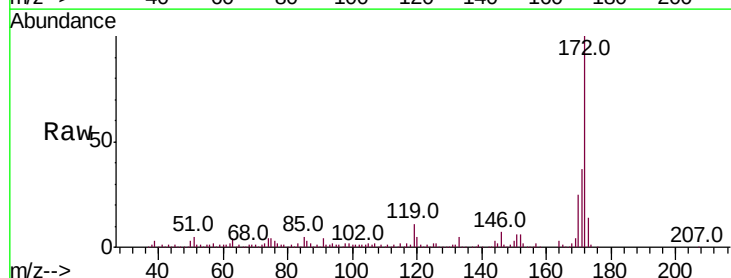
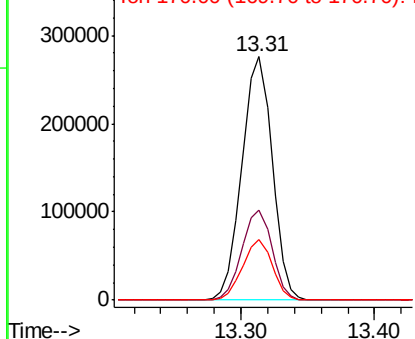
Delta R.T. -0.00 min

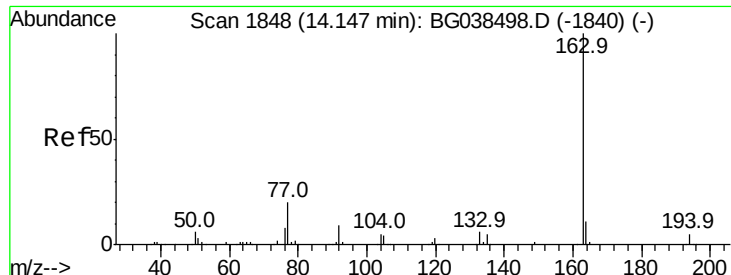
Lab File: BG038850.D

Acq: 27 Dec 2018 19:19

Tgt Ion:	172	Resp:	432898
Ion Ratio	Lower	Upper	
172	100		
171	36.8	29.8	44.6
170	24.7	19.5	29.3

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





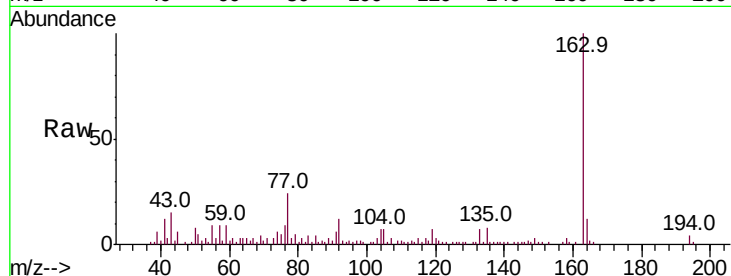
#50
Dimethylphthalate
Concen: 6.217 ng
RT: 14.14 min Scan# 1881
Delta R.T. -0.00 min
Lab File: BG038850.D
Acq: 27 Dec 2018 19:19

Instrument :
BNA_G
ClientSampled :
COMP-4

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.7	5.5
164	11.9	8.6	12.8

Manual Integrations
APPROVED

Sohil
12/28/2018 4:03:24 PM

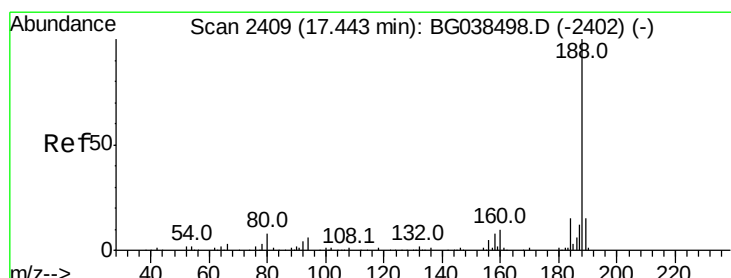
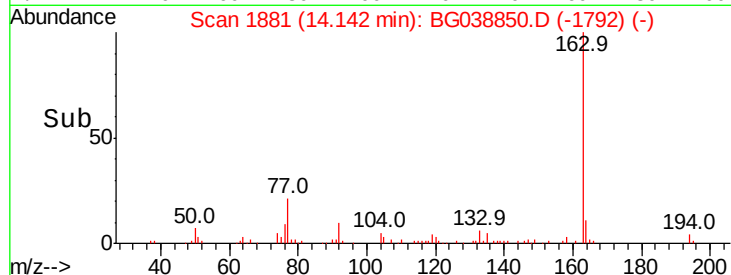
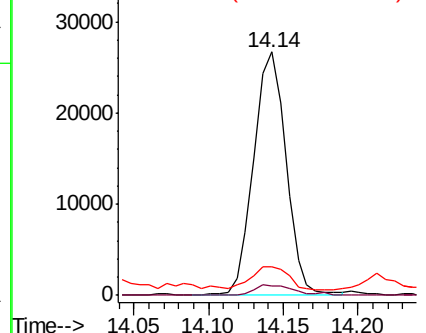


Abundance

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



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.44 min Scan# 2443
Delta R.T. 0.00 min
Lab File: BG038850.D
Acq: 27 Dec 2018 19:19

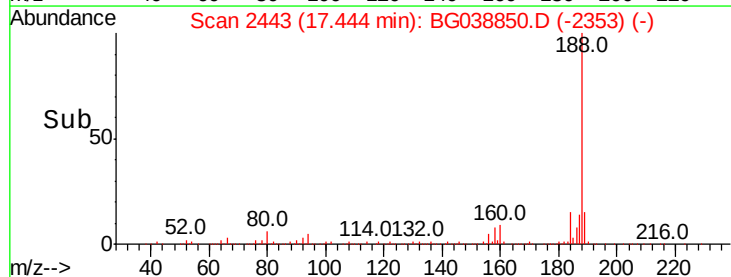
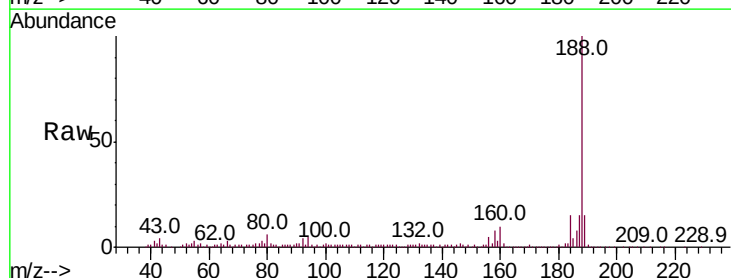
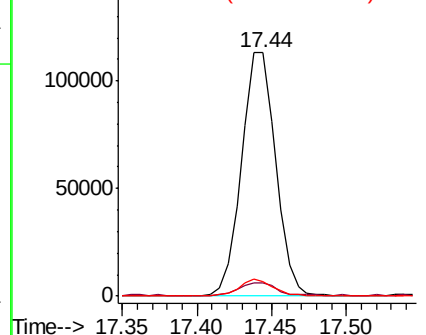
Tgt Ion	Ratio	Lower	Upper
188	100		
94	5.4	5.1	7.7
80	6.2	6.1	9.1

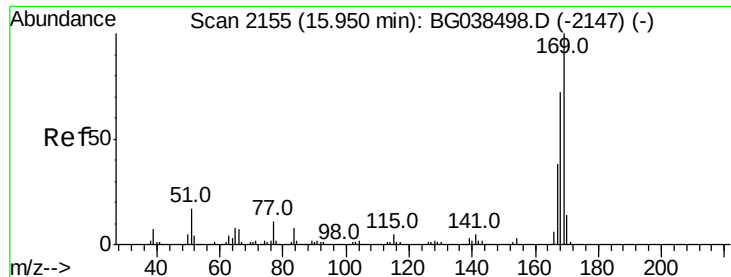
Abundance

Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG





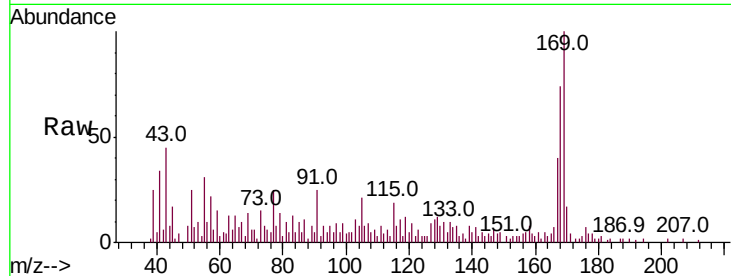
#66
n-Nitrosodiphenylamine
Concen: 3.032 ng
RT: 15.95 min Scan# 2188
Delta R.T. -0.00 min
Lab File: BG038850.D
Acq: 27 Dec 2018 19:19

Instrument :
BNA_G
ClientSampleId :
COMP-4

Tot Ion	Ratio	Lower	Upper
169	100		
168	73.8	57.5	86.3
167	39.8	30.2	45.2

Manual Integrations
APPROVED

Sohil
12/28/2018 4:03:24 PM

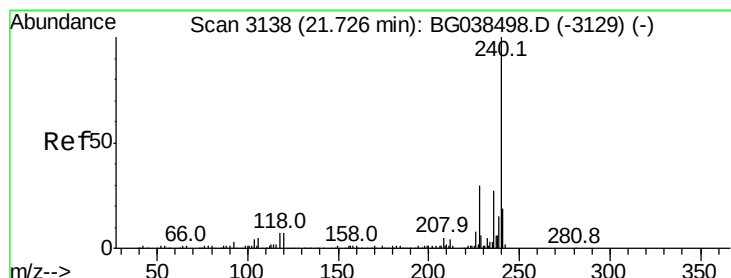
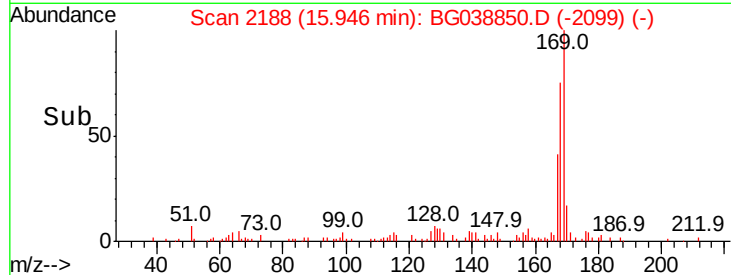
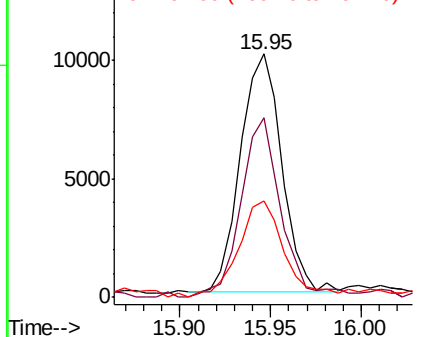


Abundance

Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.72 min Scan# 3170
Delta R.T. -0.01 min
Lab File: BG038850.D
Acq: 27 Dec 2018 19:19

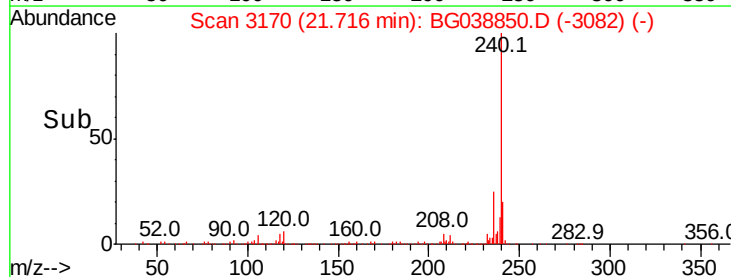
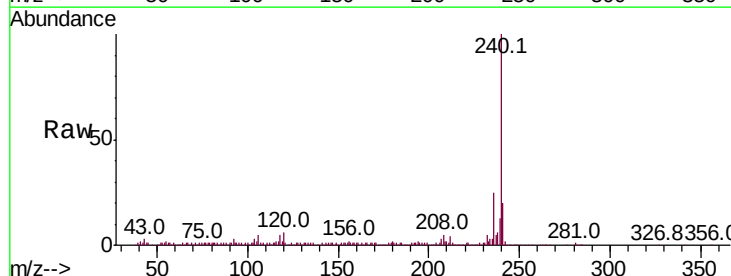
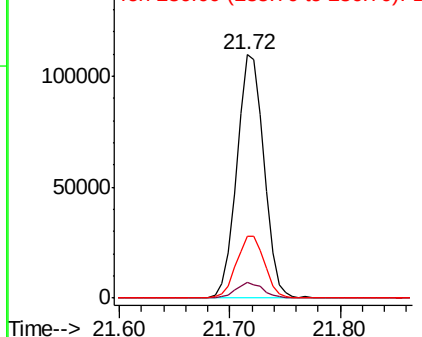
Tgt Ion	Ratio	Lower	Upper
240	100		
120	6.2	5.3	7.9
236	25.4	21.4	32.2

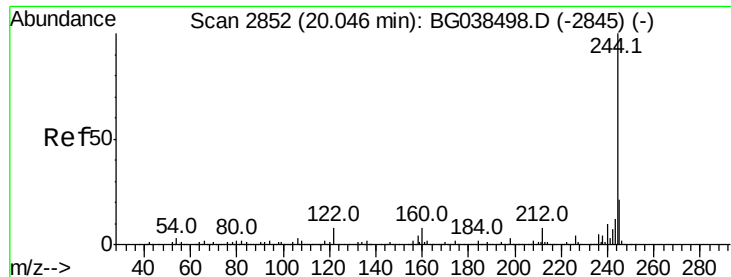
Abundance

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: 69.436 ng

RT: 20.04 min Scan# 2885

Delta R.T. -0.00 min

Lab File: BG038850.D

Acq: 27 Dec 2018 19:19

Instrument :

BNA_G

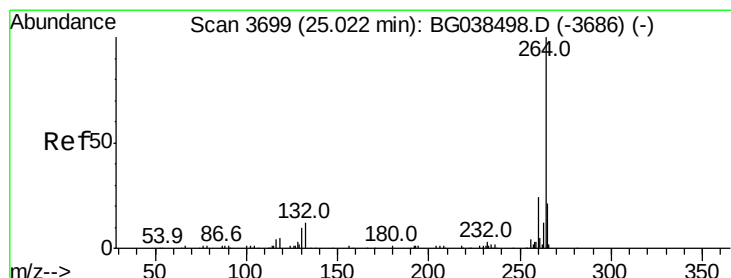
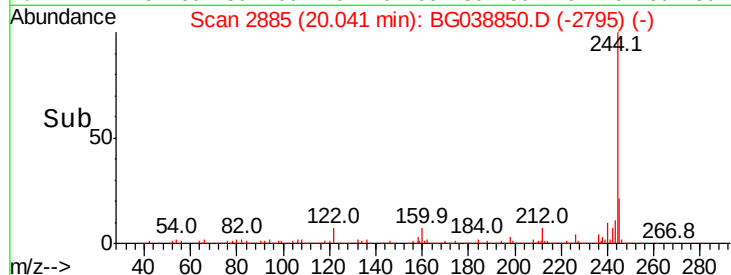
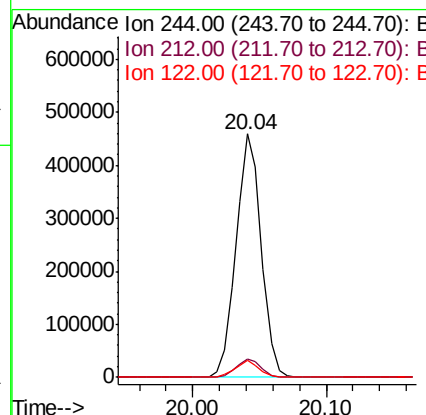
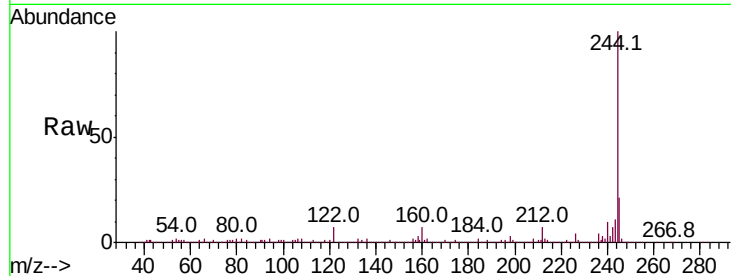
ClientSampled :

COMP-4

Tot Ion	Ratio	Resp	Lower	Upper
244	100			
212	7.4	6.2	9.2	
122	6.8	6.3	9.5	

Manual Integrations
APPROVED

Sohil
12/28/2018 4:03:24 PM



#87

Perylene-d12

Concen: 20.000 ng

RT: 25.02 min Scan# 3732

Delta R.T. -0.00 min

Lab File: BG038850.D

Acq: 27 Dec 2018 19:19

Tgt Ion	Ratio	Resp	Lower	Upper
264	100			
260	23.0	18.9	28.3	
265	22.2	17.0	25.4	

