

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG061019\
 Data File : BG041176.D
 Acq On : 10 Jun 2019 23:21
 Operator : HP/JU
 Sample : K3265-02MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B-01-(0-37)COMPMSD

Quant Time: Jun 11 03:51:59 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG052919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Jun 09 23:08:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	1826	20.00	ng	0.00
21) Naphthalene-d8	10.57	136	1098	20.00	ng	-0.36
39) Acenaphthene-d10	14.19	164	52651	20.00	ng	-0.55
64) Phenanthrene-d10	16.77	188	1834	20.00	ng	-0.71
76) Chrysene-d12	20.83	240	55	20.00	ng	-0.93
87) Perylene-d12	24.01	264	74	20.00	ng	-1.08

System Monitoring Compounds

5) 2-Fluorophenol	5.64	112	320319	3163.21	ng	0.00
7) Phenol-d6	7.26	99	477210	3051.38	ng	0.01
23) Nitrobenzene-d5	9.29	82	322175	13025.98	ng	0.00
42) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
45) 2-Fluorobiphenyl	0.00	172	0	0.00	ng	
79) Terphenyl-d14	0.00	244	0	0.00	ng	

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.50	88	31956	695.432	ng	91
3) Pyridine	3.91	79	97629	718.021	ng	96
4) n-Nitrosodimethylamine	3.83	42	57232	906.937	ng	89
6) Aniline	7.43	93	69877	334.741	ng	98
8) 2-Chlorophenol	7.67	128	116139	962.011	ng	96
9) Benzaldehyde	7.24	77	34559	370.438	ng	92
10) Phenol	7.28	94	163845	977.111	ng	99
11) bis(2-Chloroethyl)ether	7.52	93	106964	879.308	ng	97
12) 1,3-Dichlorobenzene	7.99	146	126169	875.020	ng	96
13) 1,4-Dichlorobenzene	8.14	146	130330	892.965	ng	95
14) 1,2-Dichlorobenzene	8.46	146	122299	863.011	ng	98
15) Benzyl Alcohol	8.35	79	137036	947.244	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.63	45	163130	820.672	ng	99
17) 2-Methylphenol	8.55	107	114119	939.947	ng	98
18) Hexachloroethane	9.19	117	47964	852.655	ng	97
19) n-Nitroso-di-n-propylamine	8.91	70	102175	848.969	ng	96
20) 3+4-Methylphenols	8.88	107	157687	937.629	ng	98
22) Acetophenone	8.94	105	200245	6501.299	ng	98
24) Nitrobenzene	9.33	77	164039	6508.115	ng	96
25) Isophorone	9.85	82	286829	6093.757	ng	99
26) 2-Nitrophenol	10.04	139	73556	7078.866	ng	92
27) 2,4-Dimethylphenol	10.09	122	126584	7376.151	ng	96
28) bis(2-Chloroethoxy)methane	10.33	93	155679	6128.015	ng	99
29) 2,4-Dichlorophenol	10.57	162	146725	6732.773	ng	95
30) 1,2,4-Trichlorobenzene	10.79	180	159966	6452.564	ng	93
31) Naphthalene	10.98	128	392104	6651.164	ng	97
32) Benzoic acid	10.17	122	14424	905.976	ng	94
33) 4-Chloroaniline	11.09	127	57374	2097.516	ng	93
34) Hexachlorobutadiene	11.24	225	113570	5987.134	ng	99
35) Caprolactam	11.88	113	31837	4423.962	ng	90
36) 4-Chloro-3-methylphenol	12.20	107	167224	6718.898	ng	98
37) 2-Methylnaphthalene	12.58	142	299530	6596.960	ng	97
38) 1-Methylnaphthalene	12.58	142	299863	7008.433	ng	99
41) Hexachlorocyclopentadiene	12.90	237	182829	152.009	ng	96

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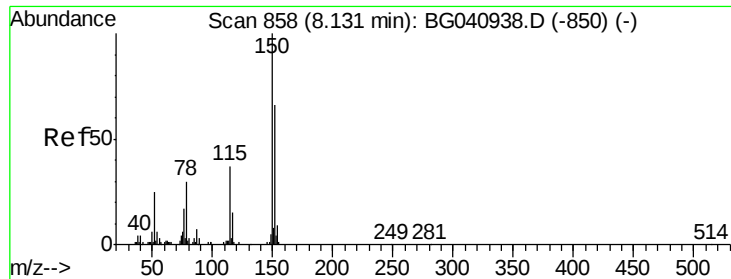
Instrument :
 BNA_G
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG052919.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

44) 2,4,5-Trichlorophenol	13.18	196	144188	99.589	ng	# 93
47) 2-Chloronaphthalene	13.18	162	12378	3.700	ng	# 63
50) Dimethylphthalate	13.62	163	39357	8.831	ng	# 1
51) 2,6-Dinitrotoluene	13.62	165	11717	12.193	ng	# 1
53) 3-Nitroaniline	13.83	138	108229	112.631	ng	# 54
55) Dibenzofuran	14.43	168	47671	9.287	ng	# 47
56) 4-Nitrophenol	14.66	139	4794	7.274	ng	# 1
57) 2,4-Dinitrotoluene	14.32	165	98989	72.924	ng	# 81
58) Fluorene	15.10	166	12292	3.007	ng	# 1
62) 4-Nitroaniline	15.14	138	11527	11.331	ng	# 10
63) Azobenzene	15.54	77	22716	5.495	ng	# 1
65) 4,6-Dinitro-2-methylphenol	15.27	198	8047	680.876	ng	# 40
66) n-Nitrosodiphenylamine	15.36	169	13290	257.779	ng	# 1
67) 4-Bromophenyl-phenylether	16.23	248	18872	762.489	ng	# 1
69) Atrazine	16.23	200	155	7.792	ng	# 1
70) Pentachlorophenol	16.55	266	77	9.420	ng	# 18
71) Phenanthrene	16.83	178	193	2.020	ng	# 1
72) Anthracene	16.93	178	606	6.432	ng	# 1
73) Carbazole	17.12	167	82862	1024.970	ng	# 67
74) Di-n-butylphthalate	17.72	149	710	7.066	ng	# 77
77) Benzidine	18.84	184	55	41.919	ng	# 1
80) Butylbenzylphthalate	19.89	149	7239	5202.753	ng	# 24
81) Benzo(a)anthracene	21.00	228	10748	2935.696	ng	# 1
82) 3,3'-Dichlorobenzidine	20.73	252	129	100.178	ng	# 1
83) Chrysene	21.00	228	10748	3067.731	ng	# 1
84) Bis(2-ethylhexyl)phthalate	20.76	149	328370	167649.802	ng	# 51
85) Di-n-octyl phthalate	21.61	149	454097	139205.896	ng	# 75
86) Indeno(1,2,3-cd)pyrene	27.67	276	60	13.980	ng	# 56
88) Benzo(b)fluoranthene	22.99	252	346	77.088	ng	# 14
89) Benzo(k)fluoranthene	23.05	252	252	56.737	ng	# 60
90) Benzo(a)pyrene	24.02	252	826892	193099.540	ng	97
91) Dibenzo(a,h)anthracene	27.82	278	68	15.892	ng	# 1
92) Benzo(g,h,i)perylene	28.92	276	834838	200827.014	ng	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.11 min Scan# 855

Delta R.T. 0.01 min

Lab File: BG041176.D

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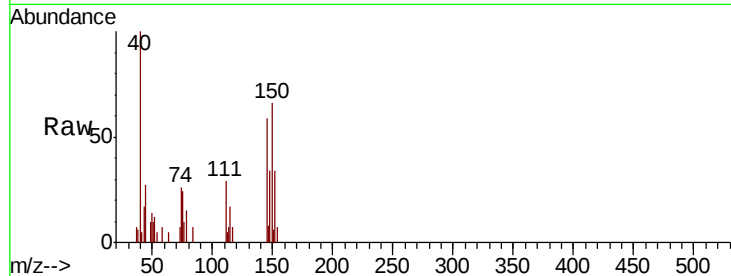
Tgt Ion:152 Resp: 1826

Ion Ratio Lower Upper

152 100

150 194.8 120.6 180.8#

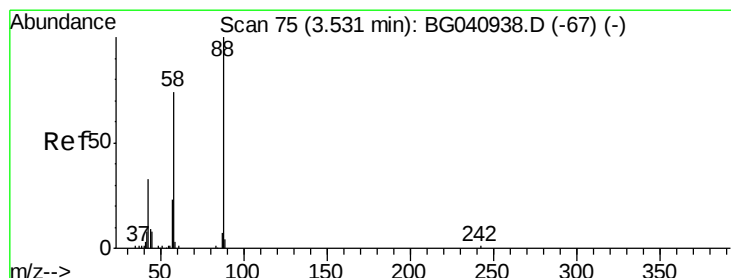
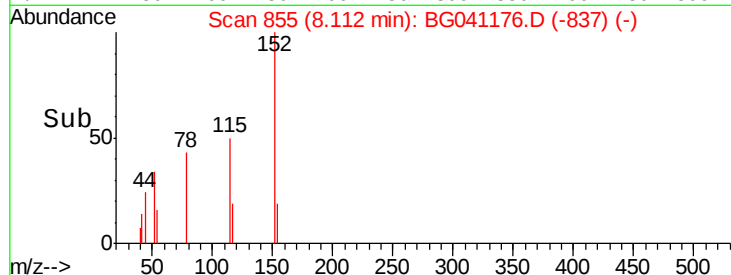
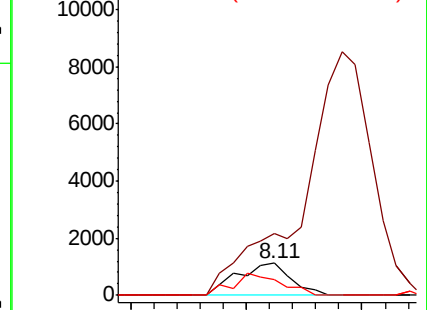
115 49.9 45.1 67.7



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



#2

1,4-Dioxane

Concen: 695.432 ng

RT: 3.50 min Scan# 70

Delta R.T. 0.00 min

Lab File: BG041176.D

Acq: 10 Jun 2019 23:21

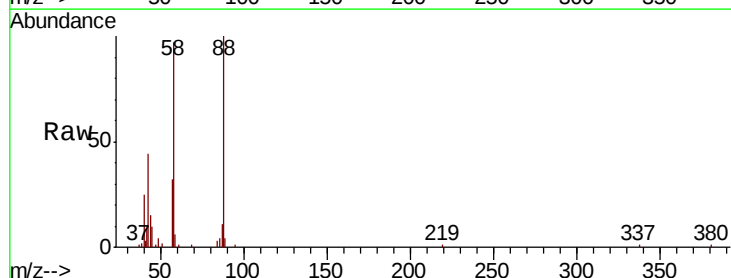
Tgt Ion: 88 Resp: 31956

Ion Ratio Lower Upper

88 100

58 84.3 59.0 88.6

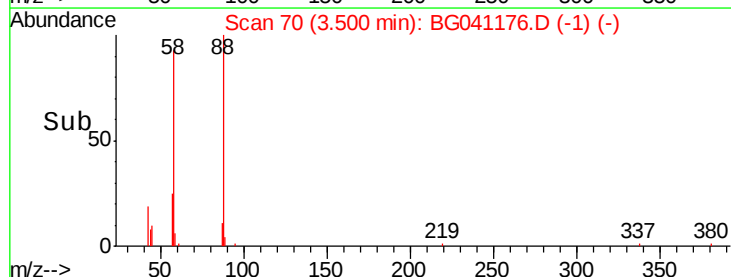
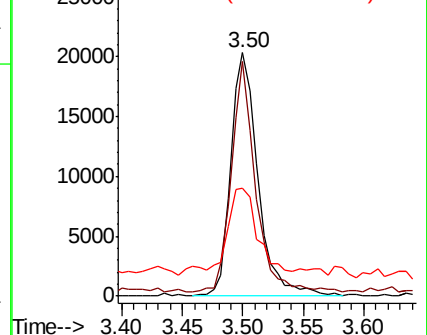
43 34.5 27.2 40.8



Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 718.021 ng

RT: 3.91 min Scan# 140

Delta R.T. 0.00 min

Lab File: BG041176.D

Acq: 10 Jun 2019 23:21

Instrument :

BNA_G

ClientSampleId :

B-01-(0-37)COMPMSD

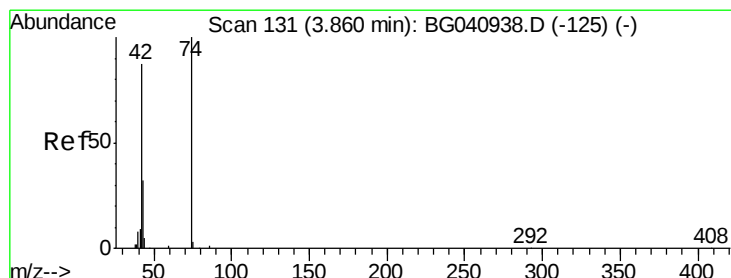
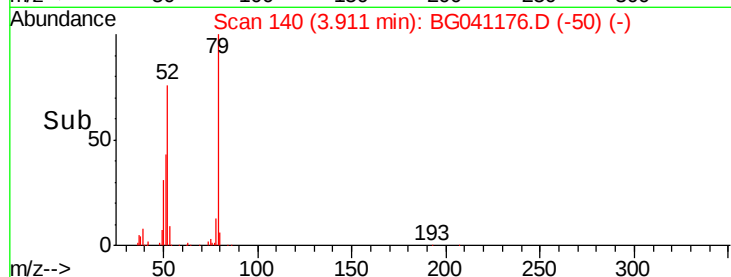
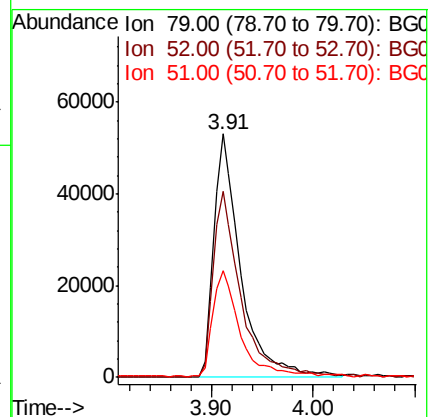
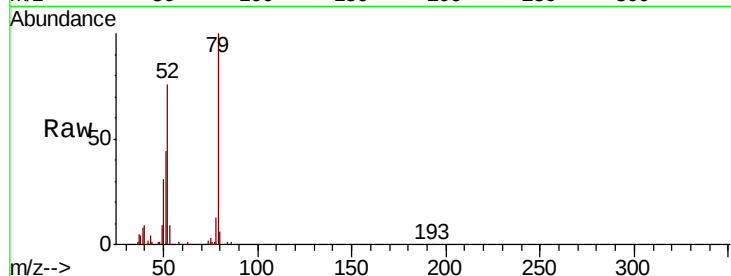
Tgt Ion: 79 Resp: 97629

Ion Ratio Lower Upper

79 100

52 76.4 64.8 97.2

51 43.7 35.3 52.9



#4

n-Nitrosodimethylamine

Concen: 906.937 ng

RT: 3.83 min Scan# 127

Delta R.T. 0.00 min

Lab File: BG041176.D

Acq: 10 Jun 2019 23:21

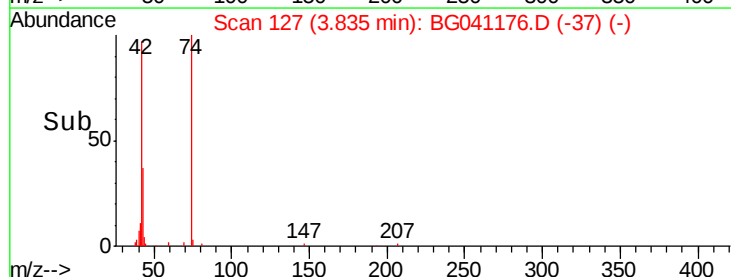
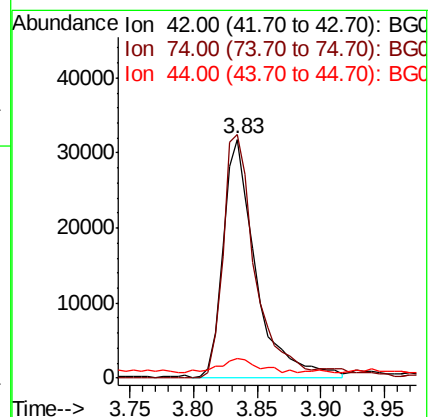
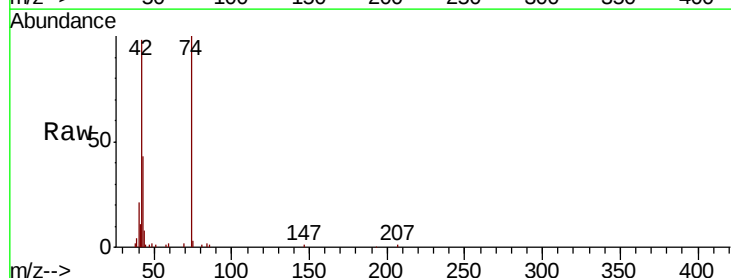
Tgt Ion: 42 Resp: 57232

Ion Ratio Lower Upper

42 100

74 101.9 91.8 137.6

44 8.1 6.0 9.0





#5

2-Fluorophenol

Concen: 3163.214 ng

RT: 5.64 min Scan# 435

Delta R.T. 0.01 min

Lab File: BG041176.D

Acq: 10 Jun 2019 23:21

Instrument :

BNA_G

ClientSampleId :

B-01-(0-37)COMPMSD

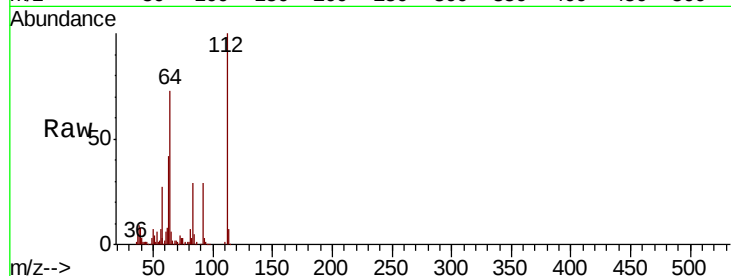
Tgt Ion: 112 Resp: 320319

Ion Ratio Lower Upper

112 100

64 72.8 56.2 84.2

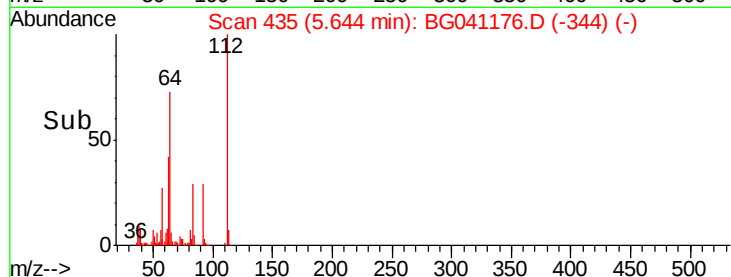
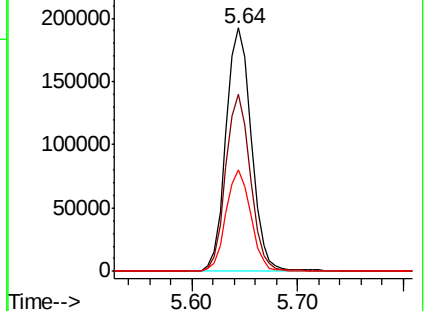
63 41.6 32.8 49.2



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 334.741 ng

RT: 7.43 min Scan# 739

Delta R.T. 0.00 min

Lab File: BG041176.D

Acq: 10 Jun 2019 23:21

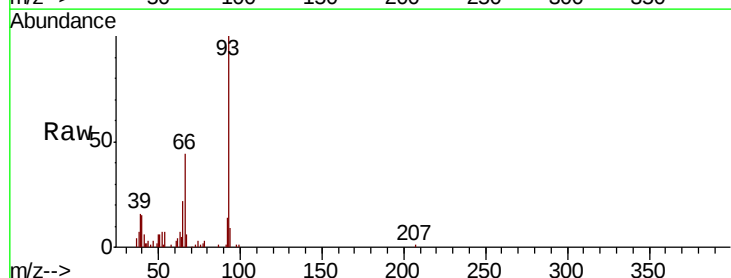
Tgt Ion: 93 Resp: 69877

Ion Ratio Lower Upper

93 100

66 44.2 33.8 50.8

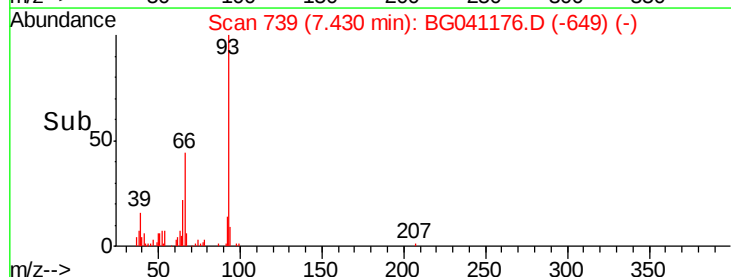
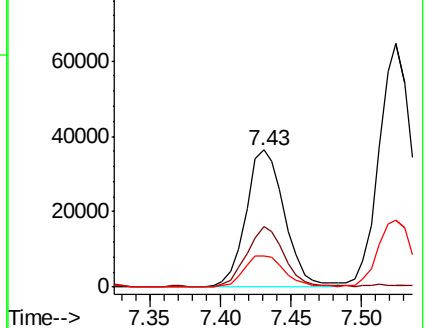
65 22.3 18.3 27.5

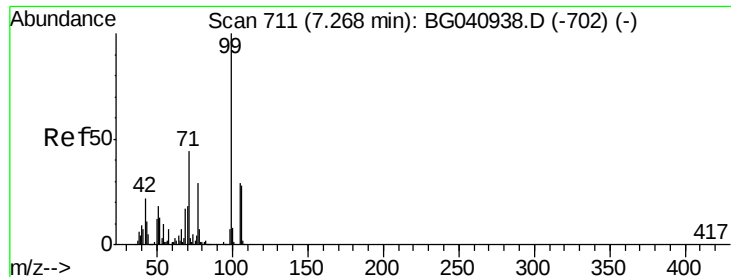


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 3051.385 ng

RT: 7.26 min Scan# 710

Delta R.T. 0.01 min

Lab File: BG041176.D

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Instrument :

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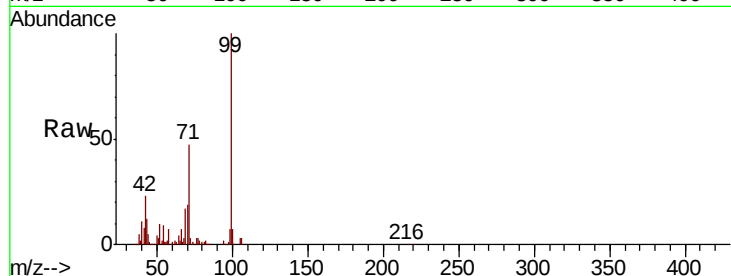
Tgt Ion: 99 Resp: 477210

Ion Ratio Lower Upper

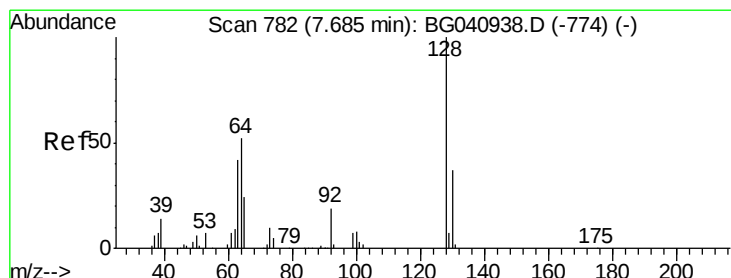
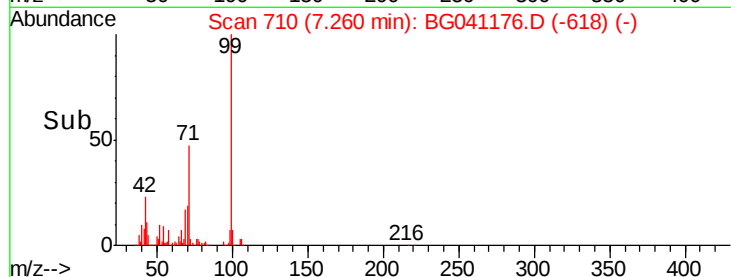
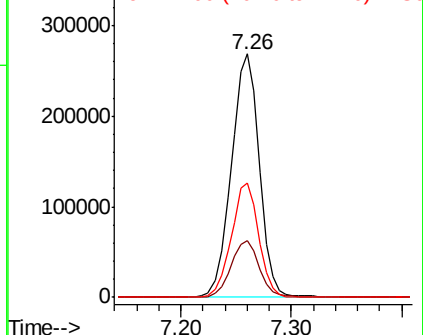
99 100

42 23.3 17.9 26.9

71 46.9 35.4 53.0



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



#8

2-Chlorophenol

Concen: 962.011 ng

RT: 7.67 min Scan# 779

Delta R.T. 0.00 min

Lab File: BG041176.D

Acq: 10 Jun 2019 23:21

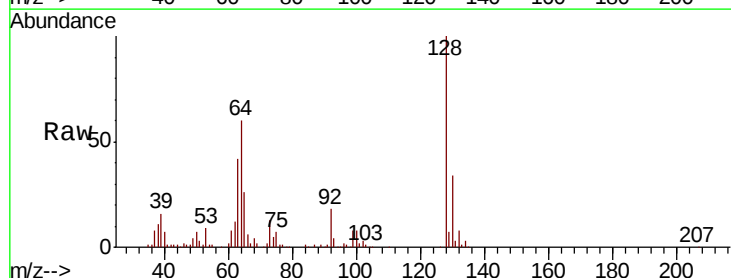
Tgt Ion: 128 Resp: 116139

Ion Ratio Lower Upper

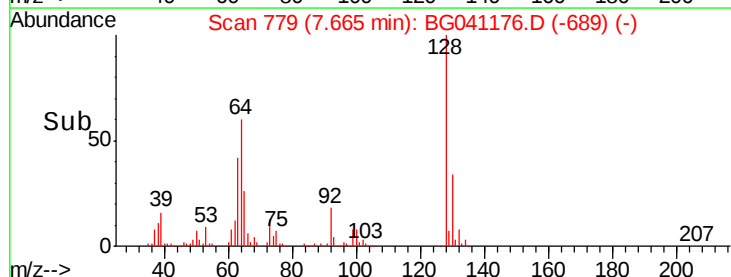
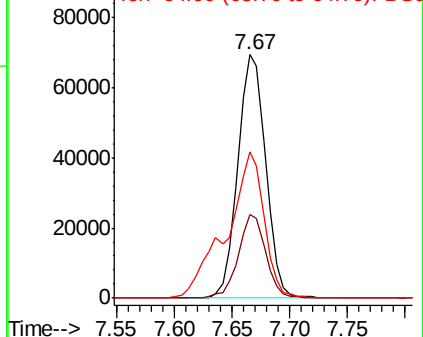
128 100

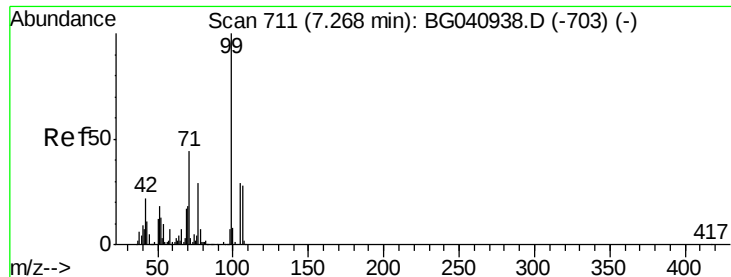
130 34.2 16.6 56.6

64 60.3 37.8 77.8



Abundance Ion 128.00 (127.70 to 128.70): BGC
Ion 130.00 (129.70 to 130.70): BGC
Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 370.438 ng

RT: 7.24 min Scan# 707

Delta R.T. 0.00 min

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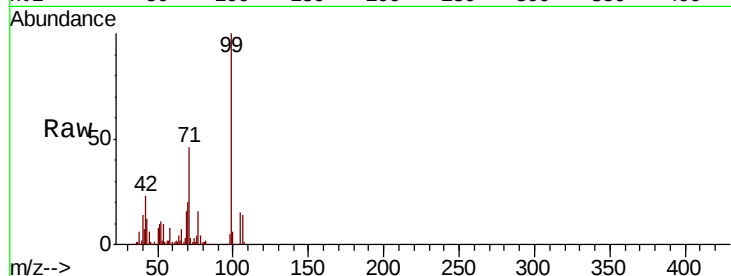
Tgt Ion: 77 Resp: 34559

Ion Ratio Lower Upper

77 100

105 93.7 78.9 118.9

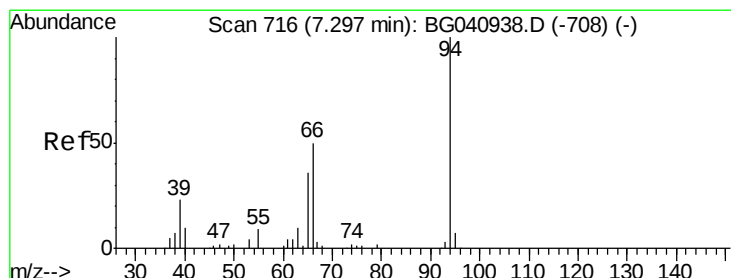
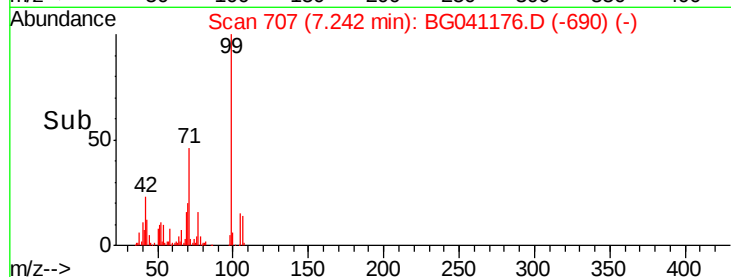
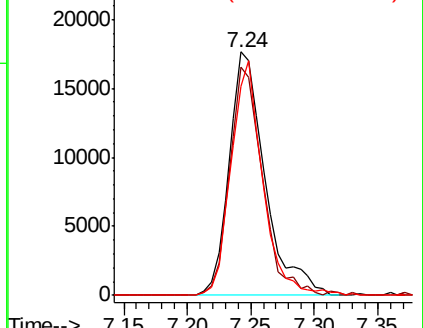
106 85.7 76.7 116.7



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: 977.111 ng

RT: 7.28 min Scan# 714

Delta R.T. 0.01 min

Lab File: BG041176.D

Acq: 10 Jun 2019 23:21

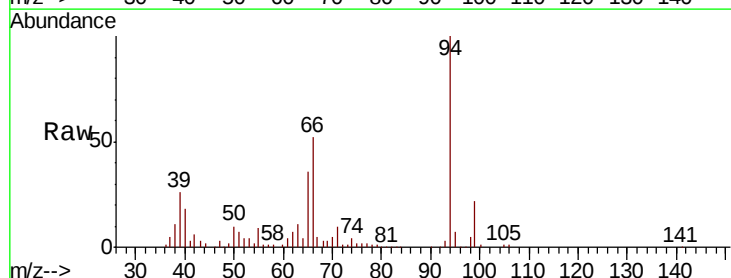
Tgt Ion: 94 Resp: 163845

Ion Ratio Lower Upper

94 100

65 36.4 17.0 57.0

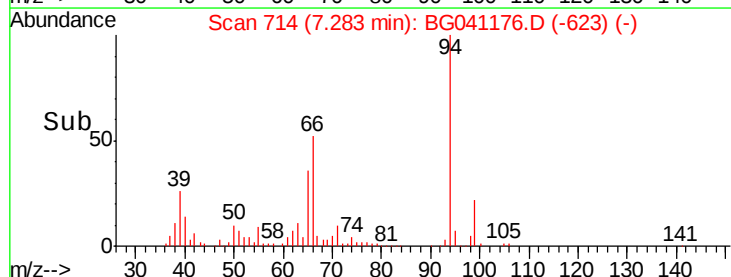
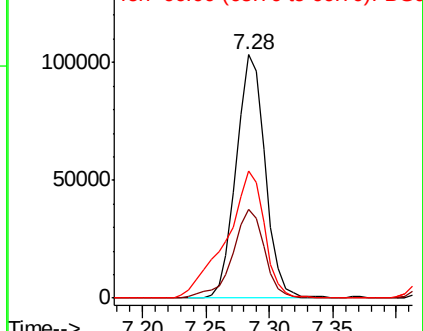
66 52.1 32.4 72.4

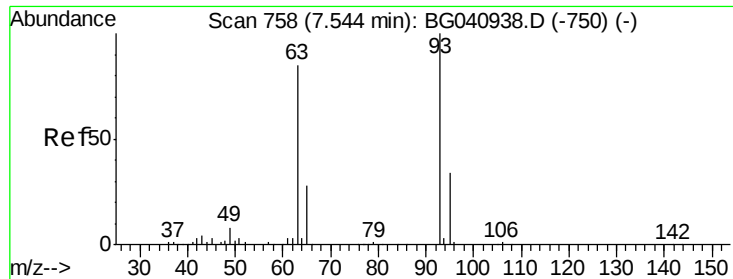


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

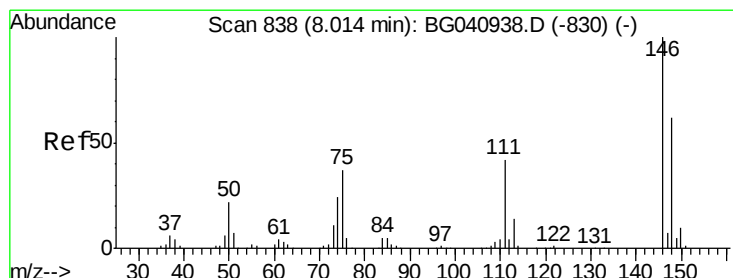
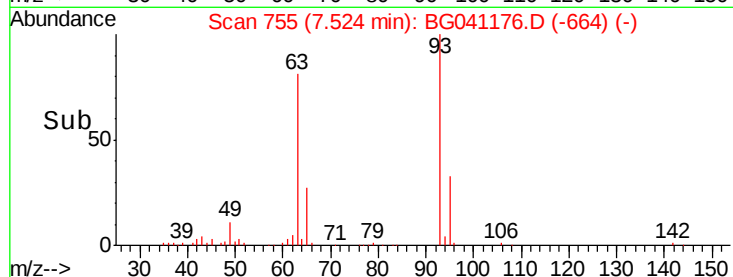
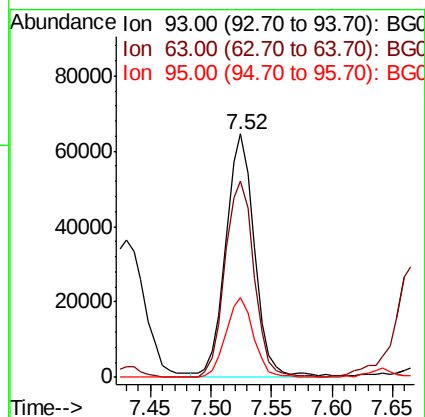
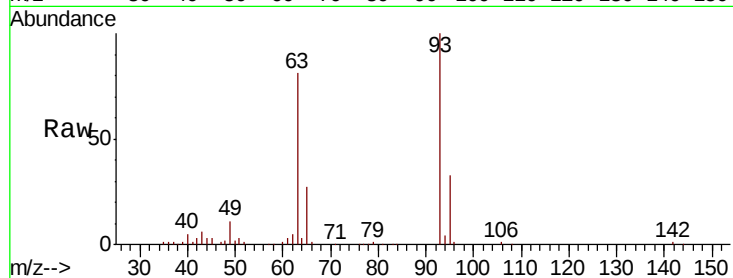




#11
 bis(2-Chloroethyl)ether
 Concen: 879.308 ng
 RT: 7.52 min Scan# 755
 Delta R.T. 0.01 min
 Lab File: BG041176.D
 Acq: 10 Jun 2019 23:21

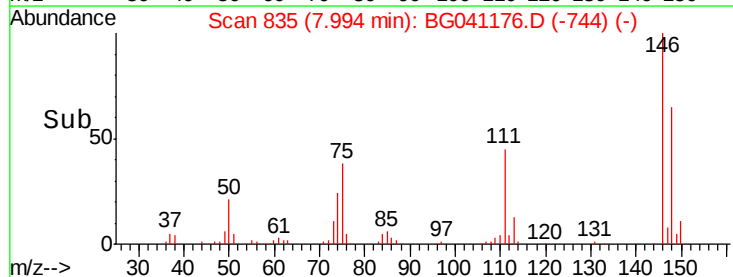
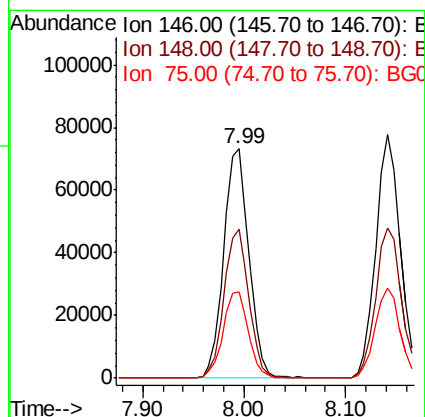
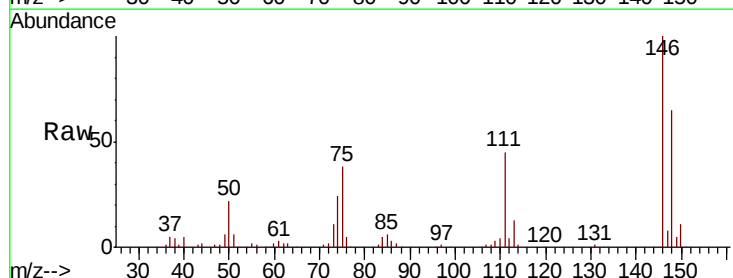
Instrument :
 BNA_G
 ClientSampleId :
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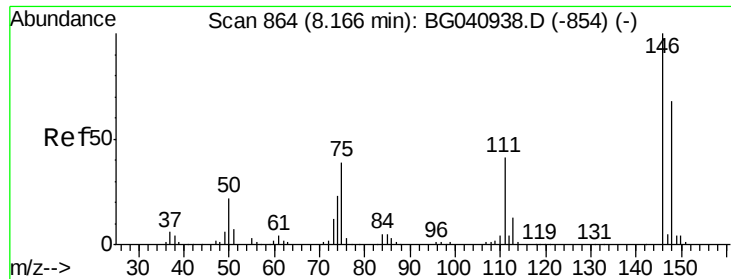
Tgt Ion: 93 Resp: 106964
 Ion Ratio Lower Upper
 93 100
 63 80.5 64.5 104.5
 95 33.0 13.3 53.3



#12
 1,3-Dichlorobenzene
 Concen: 875.020 ng
 RT: 7.99 min Scan# 835
 Delta R.T. 0.01 min
 Lab File: BG041176.D
 Acq: 10 Jun 2019 23:21

Tgt Ion: 146 Resp: 126169
 Ion Ratio Lower Upper
 146 100
 148 65.0 49.2 73.8
 75 37.9 29.4 44.0

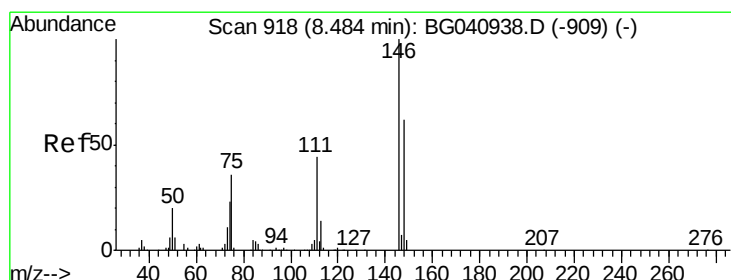
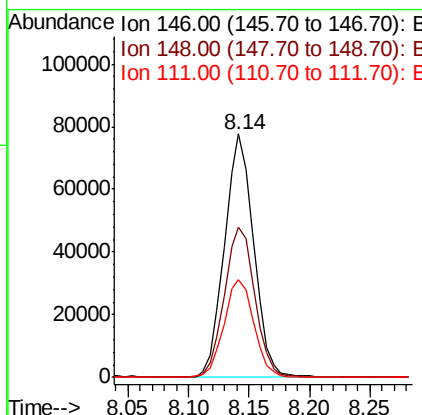
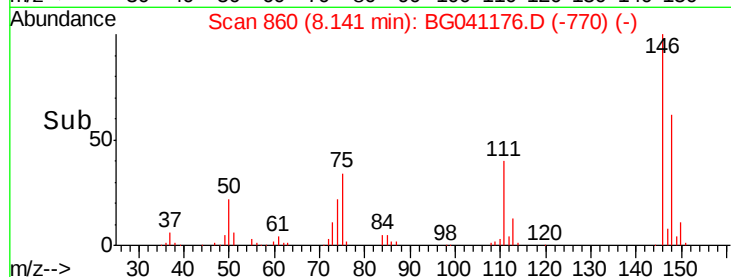
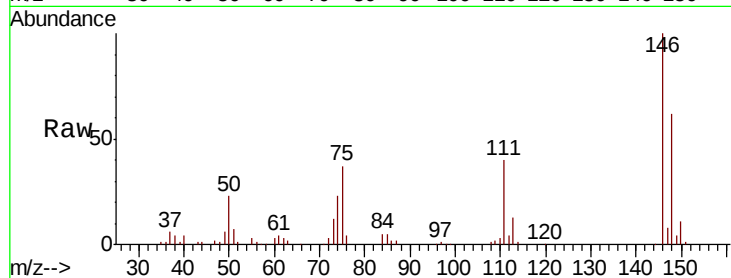




#13
 1,4-Dichlorobenzene
 Concen: 892.965 ng
 RT: 8.14 min Scan# 860
 Delta R.T. 0.00 min
 Lab File: BG041176.D
 Acq: 10 Jun 2019 23:21

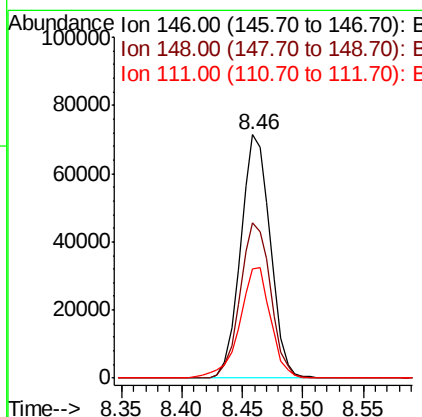
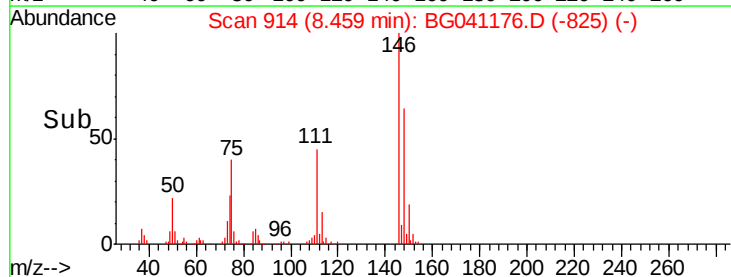
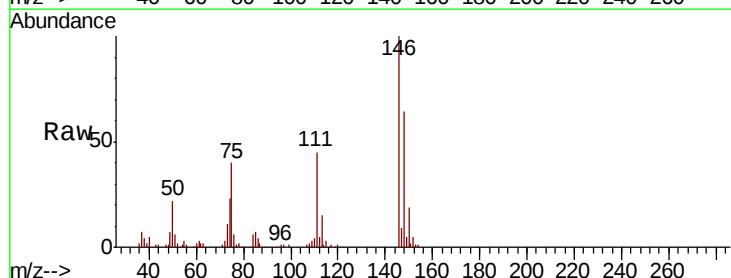
Instrument :
 BNA_G
 ClientSampleId :
 B-01-(0-37)COMPMSD

Tgt Ion	Ratio	Lower	Upper
146	100		
148	61.7	54.2	81.4
111	40.2	32.9	49.3



#14
 1,2-Dichlorobenzene
 Concen: 863.011 ng
 RT: 8.46 min Scan# 914
 Delta R.T. -0.00 min
 Lab File: BG041176.D
 Acq: 10 Jun 2019 23:21

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.7	49.8	74.6
111	44.9	35.0	52.4

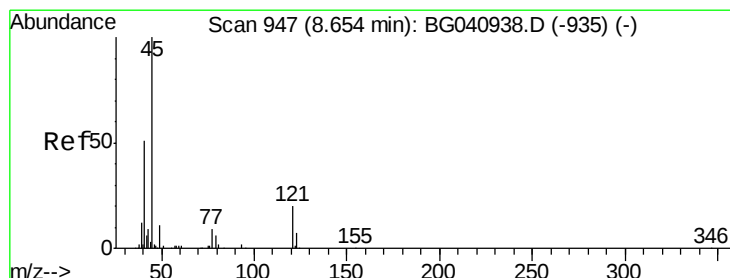
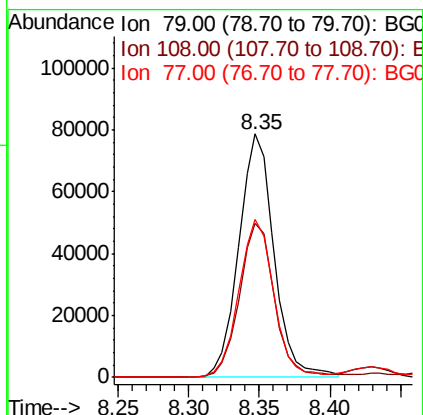
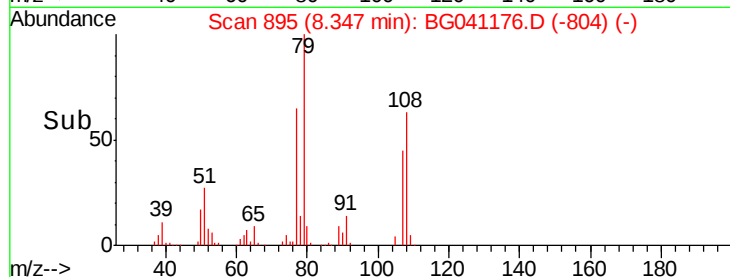
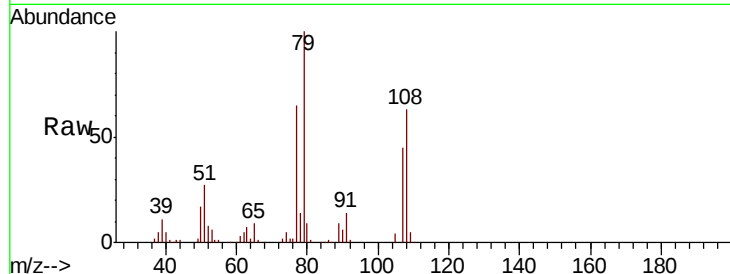




#15
Benzyl Alcohol
Concen: 947.244 ng
RT: 8.35 min Scan# 895
Delta R.T. 0.01 min
Lab File: BG041176.D
Acq: 10 Jun 2019 23:21

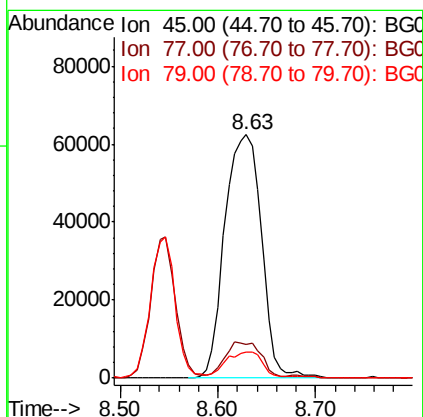
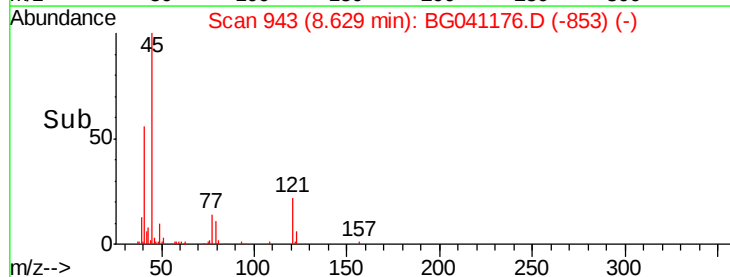
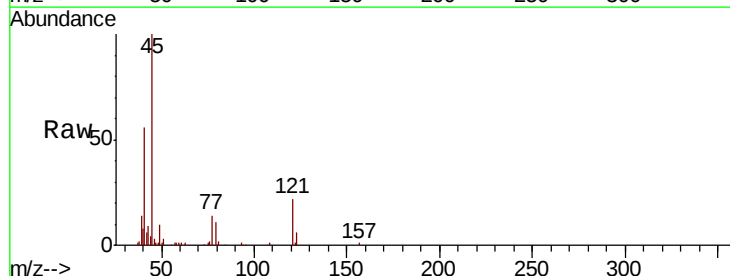
Instrument :
BNA_G
ClientSampleId :
B-01-(0-37)COMPMSD

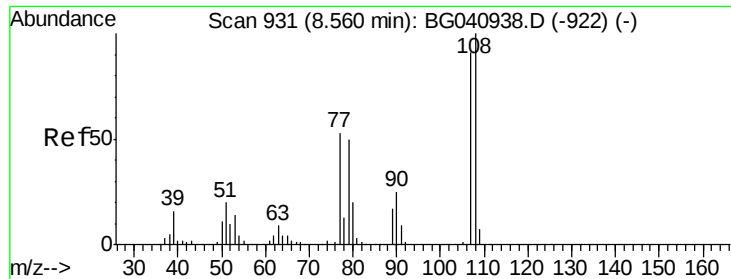
Tgt Ion: 79 Resp: 137036
Ion Ratio Lower Upper
79 100
108 63.2 48.3 72.5
77 64.9 52.3 78.5



#16
2,2'-oxybis(1-Chloropropane)
Concen: 820.672 ng
RT: 8.63 min Scan# 943
Delta R.T. 0.00 min
Lab File: BG041176.D
Acq: 10 Jun 2019 23:21

Tgt Ion: 45 Resp: 163130
Ion Ratio Lower Upper
45 100
77 13.8 0.0 33.7
79 10.5 0.0 30.2

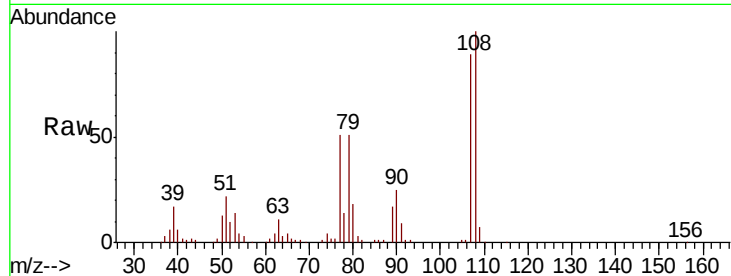




#17
2-Methylphenol
Concen: 939.947 ng
RT: 8.55 min Scan# 929
Delta R.T. 0.01 min
Lab File: BG041176.D
Acq: 10 Jun 2019 23:21

Instrument :
BNA_G
ClientSampleId :
B-01-(0-37)COMPMSD

Tgt Ion:	107	Resp:	114119
Ion	Ratio	Lower	Upper
107	100		
108	111.8	87.7	131.5
77	57.1	46.6	70.0
79	57.1	44.6	66.8



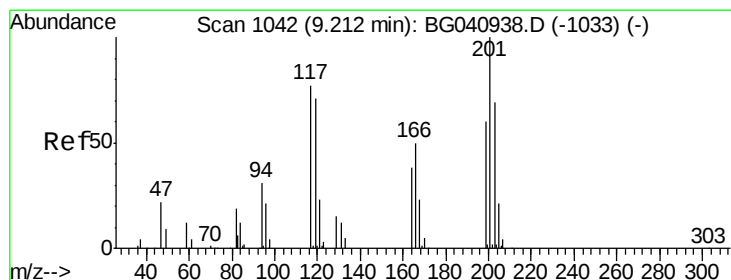
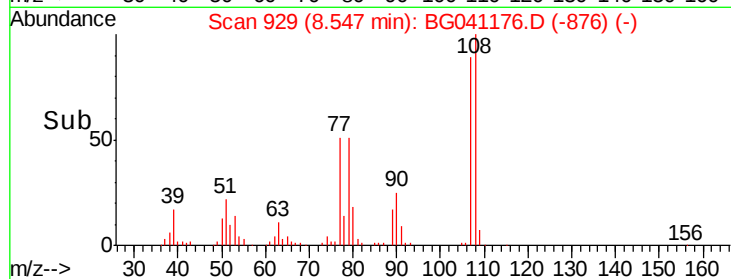
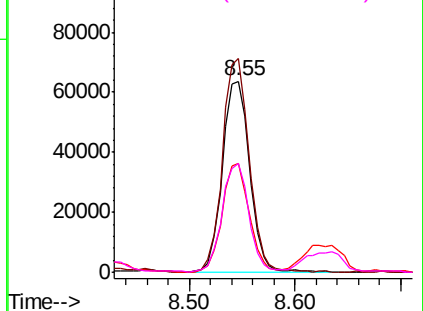
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

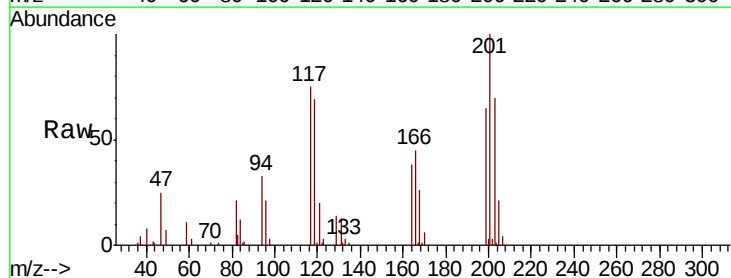
Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC



#18
Hexachloroethane
Concen: 852.655 ng
RT: 9.19 min Scan# 1038
Delta R.T. 0.00 min
Lab File: BG041176.D
Acq: 10 Jun 2019 23:21

Tgt Ion:	117	Resp:	47964
Ion	Ratio	Lower	Upper
117	100		
119	91.9	75.0	112.6
201	132.8	103.5	155.3

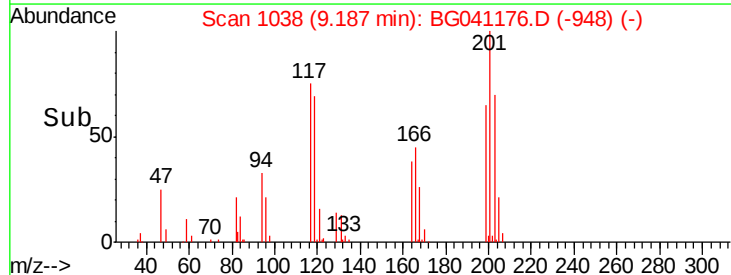
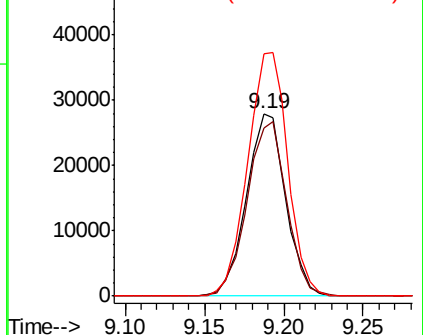


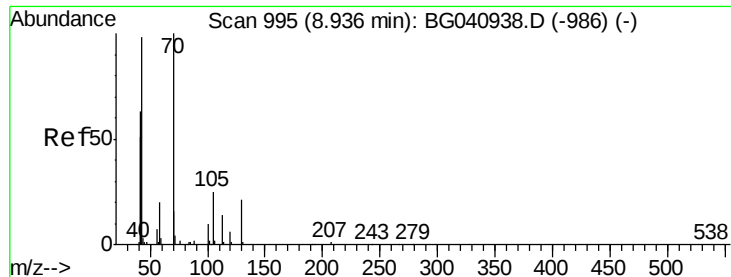
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

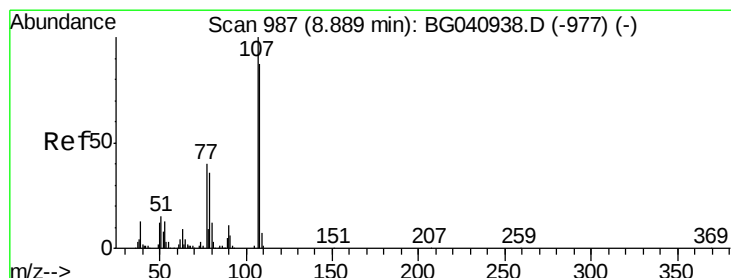
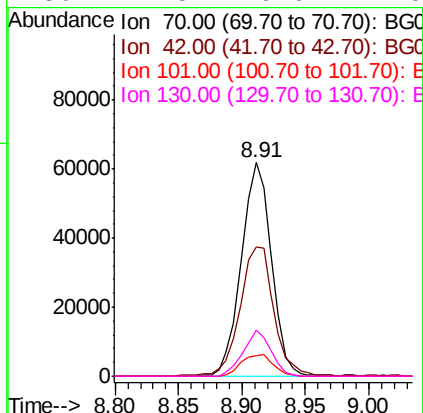
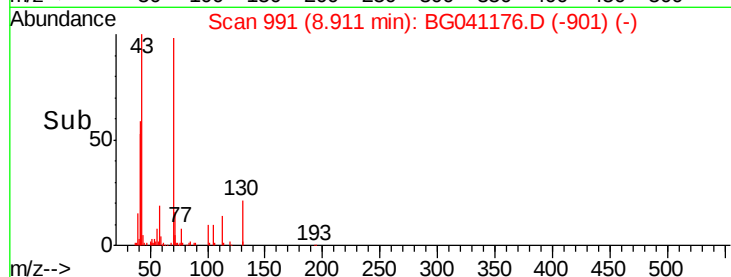
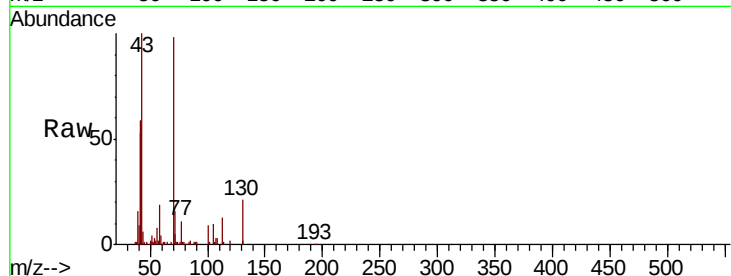




#19
n-Nitroso-di-n-propylamine
Concen: 848.969 ng
RT: 8.91 min Scan# 991
Delta R.T. 0.00 min
Lab File: BG041176.D
Acq: 10 Jun 2019 23:21

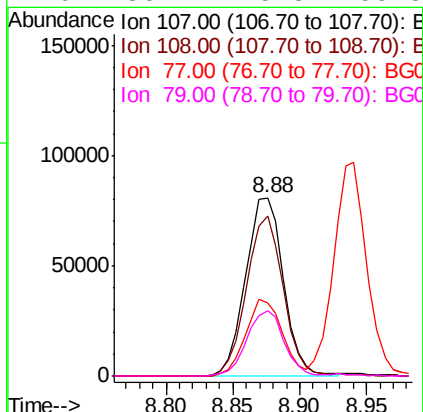
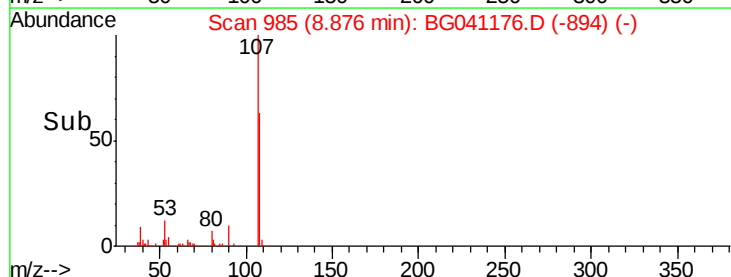
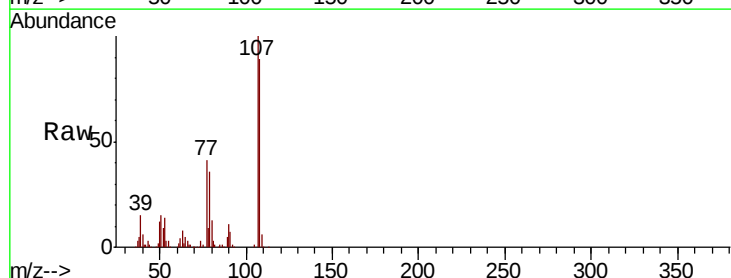
Instrument :
BNA_G
ClientSampleId :
B-01-(0-37)COMPMSD

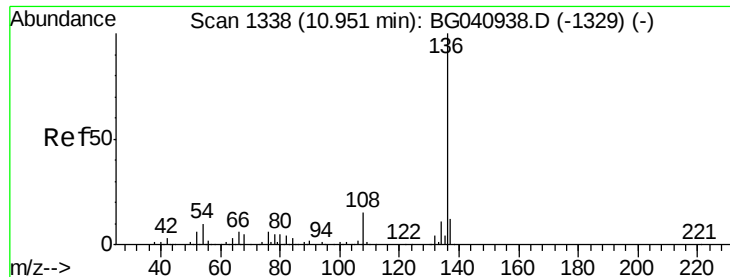
Tgt Ion:	70	Resp:	102175
Ion	Ratio	Lower	Upper
70	100		
42	60.4	51.5	77.3
101	9.7	8.1	12.1
130	21.5	16.6	24.8



#20
3+4-Methylphenols
Concen: 937.629 ng
RT: 8.88 min Scan# 985
Delta R.T. 0.01 min
Lab File: BG041176.D
Acq: 10 Jun 2019 23:21

Tgt Ion:	107	Resp:	157687
Ion	Ratio	Lower	Upper
107	100		
108	89.5	66.8	106.8
77	40.8	20.5	60.5
79	36.4	15.8	55.8

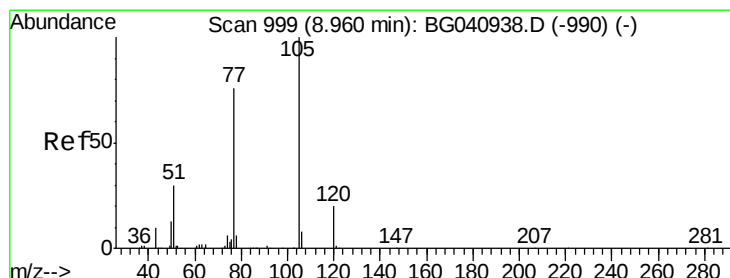
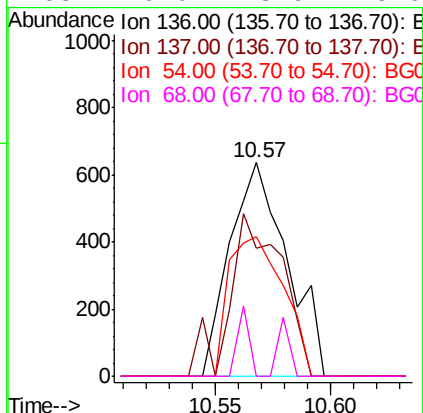
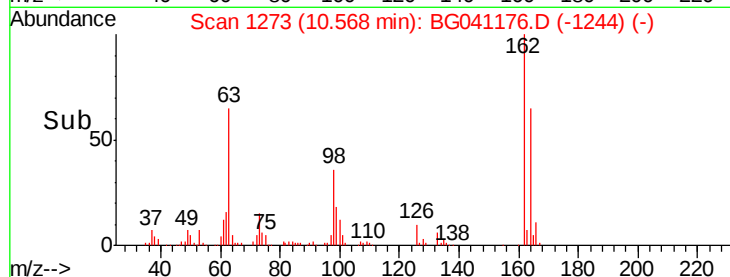
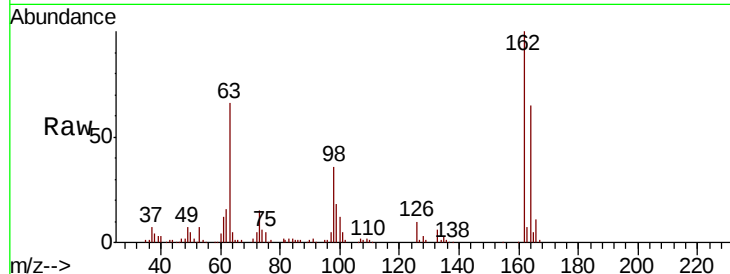




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.57 min Scan# 1273
Delta R.T. -0.36 min
Lab File: BG041176.D
Acq: 10 Jun 2019 23:21

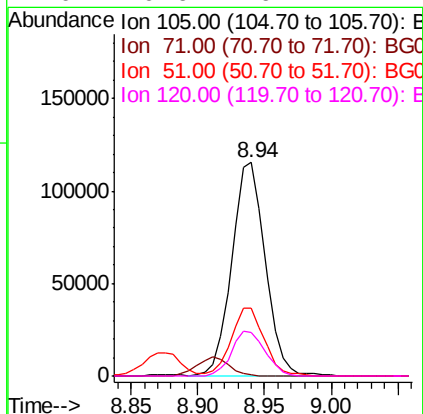
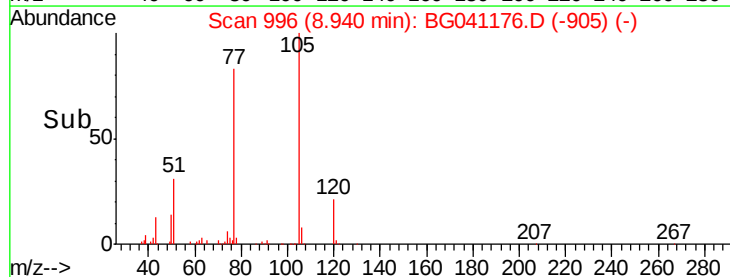
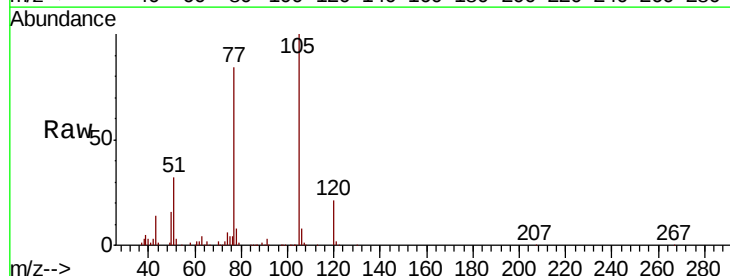
Instrument :
BNA_G
ClientSampleId :
B-01-(0-37)COMPMSD

Tgt Ion:	136	Resp:	1098
Ion	Ratio	Lower	Upper
136	100		
137	37.5	9.5	14.3#
54	40.7	7.6	11.4#
68	0.0	3.9	5.9#



#22
Acetophenone
Concen: 6501.299 ng
RT: 8.94 min Scan# 996
Delta R.T. 0.01 min
Lab File: BG041176.D
Acq: 10 Jun 2019 23:21

Tgt Ion:	105	Resp:	200245
Ion	Ratio	Lower	Upper
105	100		
71	0.5	0.4	0.6
51	32.1	27.0	40.6
120	20.6	16.2	24.4

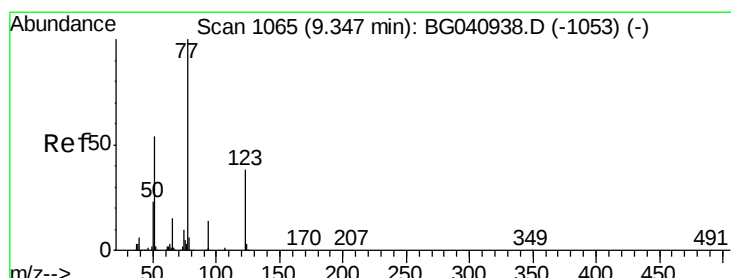
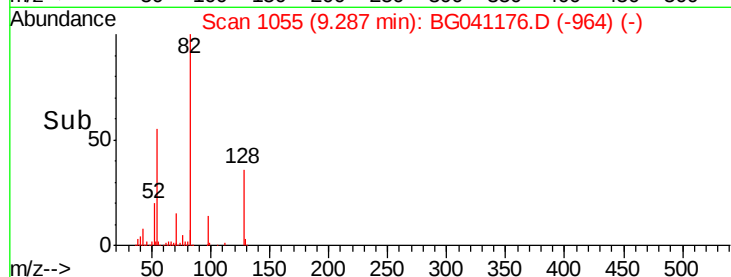
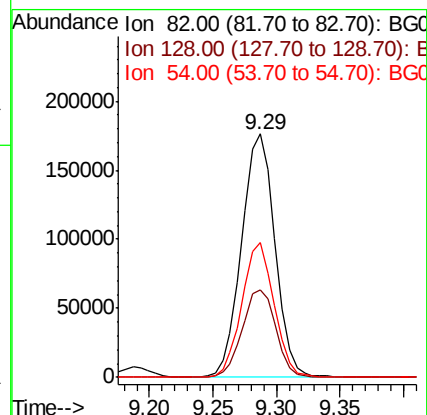
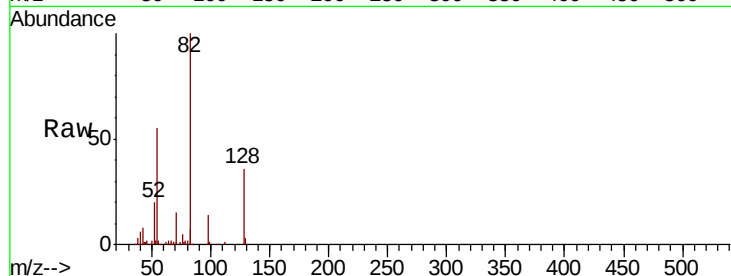




#23
 Nitrobenzene-d5
 Concen: 13025.976 ng
 RT: 9.29 min Scan# 1055
 Delta R.T. 0.01 min
 Lab File: BG041176.D
 Acq: 10 Jun 2019 23:21

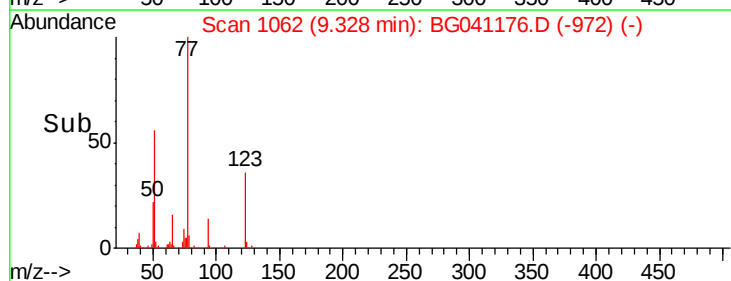
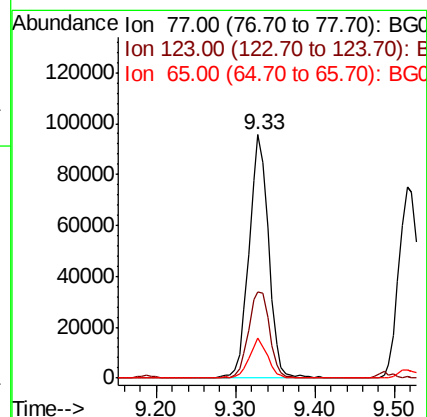
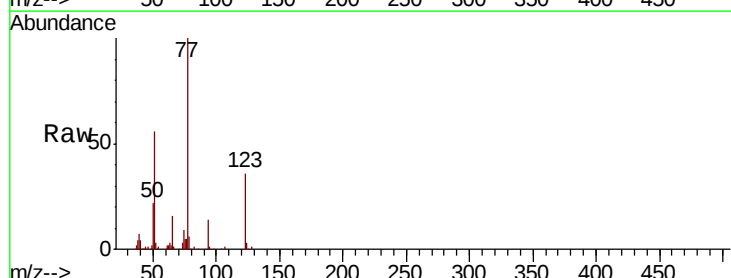
Instrument :
 BNA_G
 ClientSampleId :
 B-01-(0-37)COMPMSD

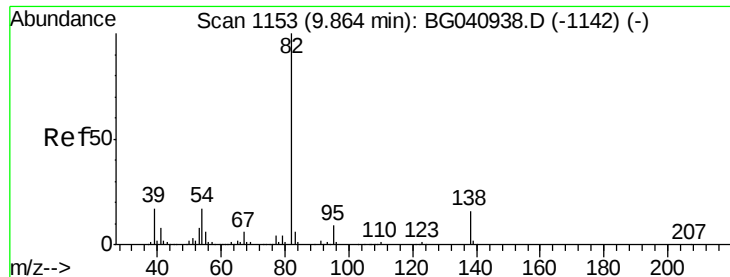
Tgt Ion	Ratio	Lower	Upper
82	100		
128	36.0	30.5	45.7
54	55.3	44.6	66.8



#24
 Nitrobenzene
 Concen: 6508.115 ng
 RT: 9.33 min Scan# 1062
 Delta R.T. 0.00 min
 Lab File: BG041176.D
 Acq: 10 Jun 2019 23:21

Tgt Ion	Ratio	Lower	Upper
77	100		
123	35.5	30.6	46.0
65	16.3	12.3	18.5

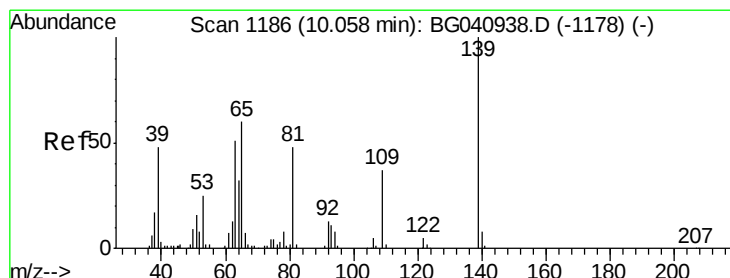
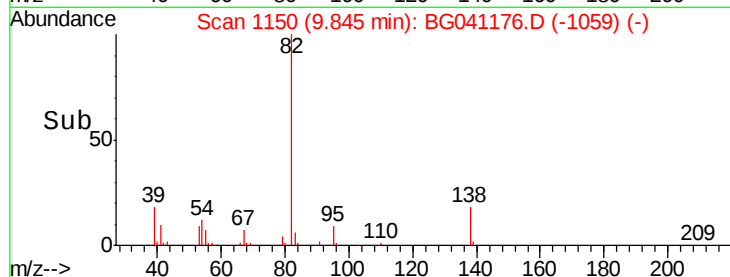
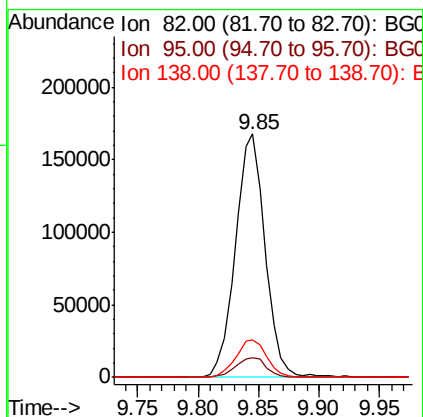
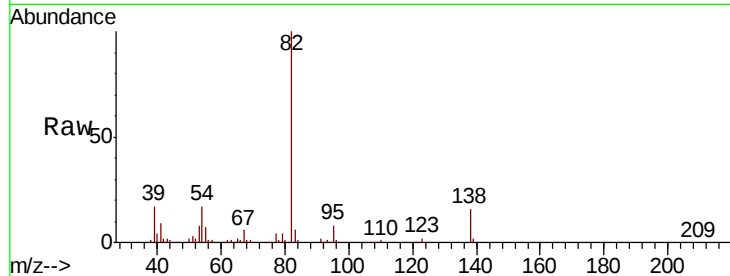




#25
Isophorone
Concen: 6093.757 ng
RT: 9.85 min Scan# 1150
Delta R.T. 0.01 min
Lab File: BG041176.D
Acq: 10 Jun 2019 23:21

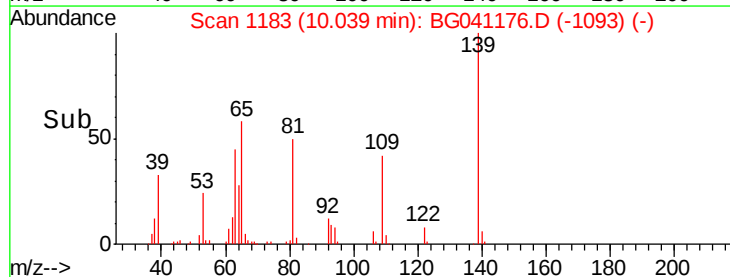
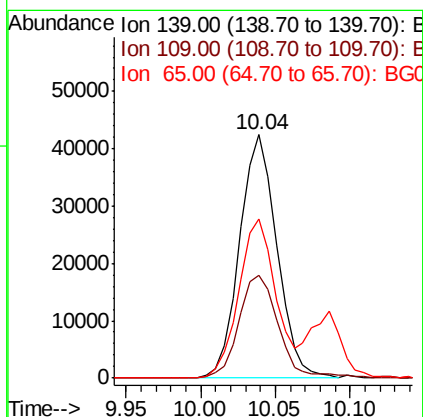
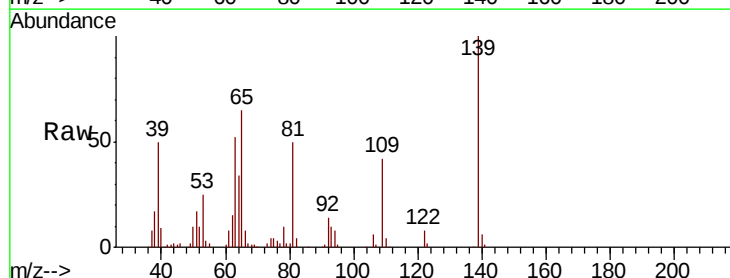
Instrument :
BNA_G
ClientSampleId :
B-01-(0-37)COMPMSD

Tgt Ion: 82 Resp: 286829
Ion Ratio Lower Upper
82 100
95 8.0 7.0 10.4
138 15.6 12.6 19.0



#26
2-Nitrophenol
Concen: 7078.866 ng
RT: 10.04 min Scan# 1183
Delta R.T. 0.00 min
Lab File: BG041176.D
Acq: 10 Jun 2019 23:21

Tgt Ion: 139 Resp: 73556
Ion Ratio Lower Upper
139 100
109 42.1 29.8 44.6
65 65.4 47.8 71.6

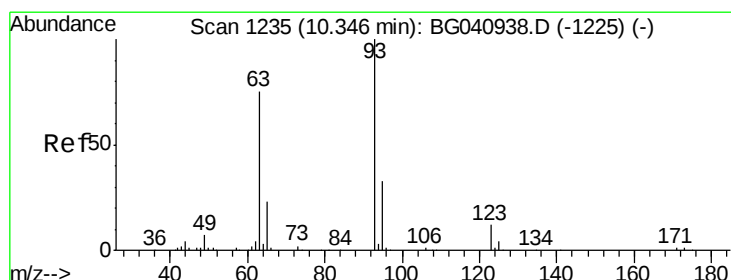
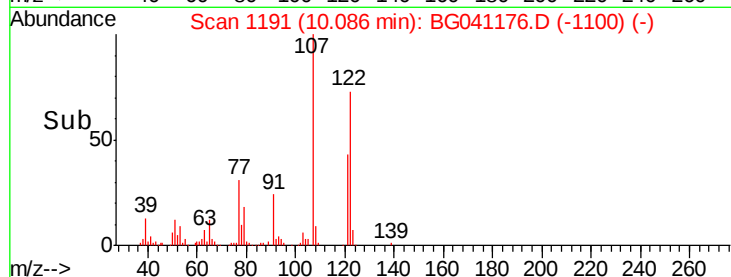
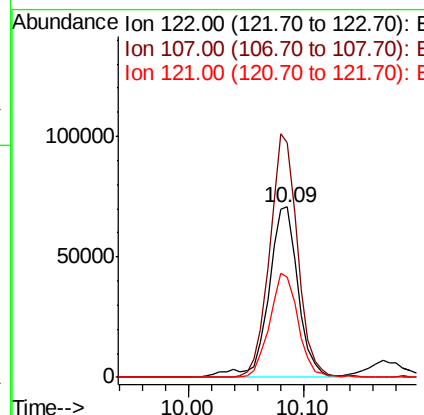
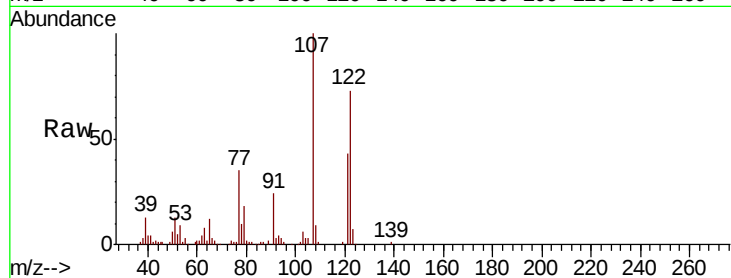




#27
 2,4-Dimethylphenol
 Concen: 7376.151 ng
 RT: 10.09 min Scan# 1191
 Delta R.T. 0.01 min
 Lab File: BG041176.D
 Acq: 10 Jun 2019 23:21

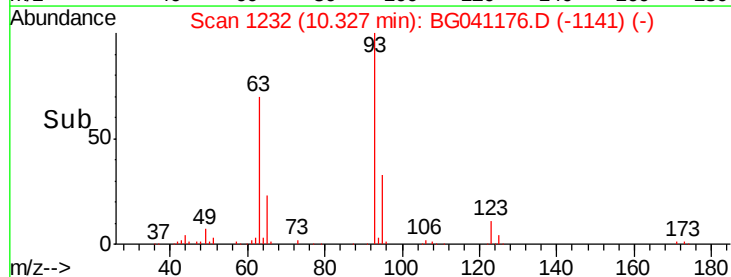
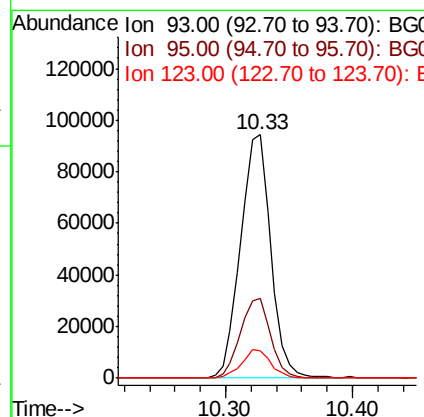
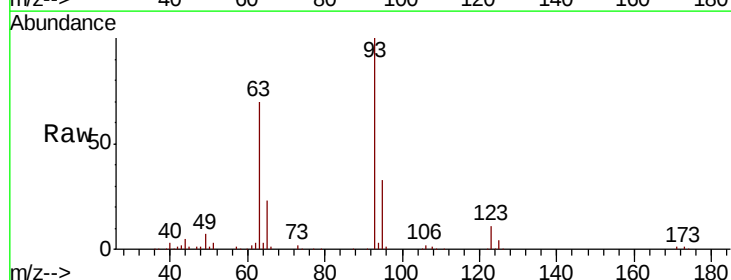
Instrument :
 BNA_G
 ClientSampleId :
 B-01-(0-37)COMPMSD

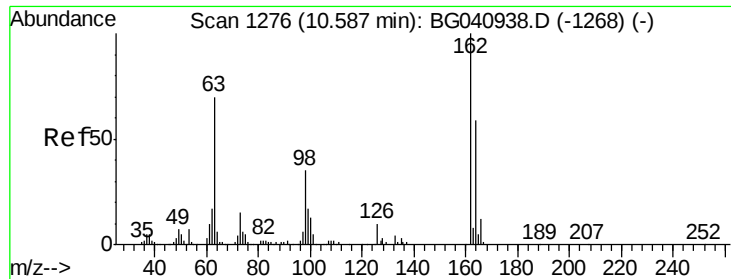
Tgt Ion	Ratio	Lower	Upper
122	100		
107	137.9	105.9	158.9
121	58.6	46.2	69.4



#28
 bis(2-Chloroethoxy)methane
 Concen: 6128.015 ng
 RT: 10.33 min Scan# 1232
 Delta R.T. 0.01 min
 Lab File: BG041176.D
 Acq: 10 Jun 2019 23:21

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.0	26.2	39.2
123	11.1	9.5	14.3

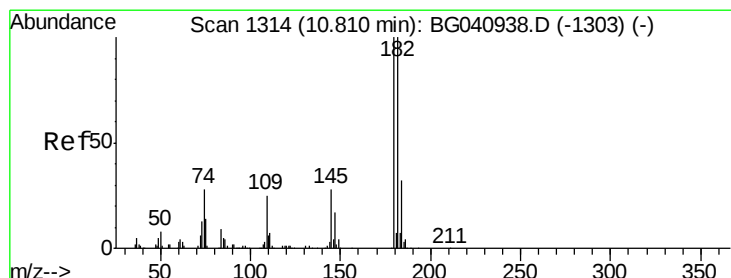
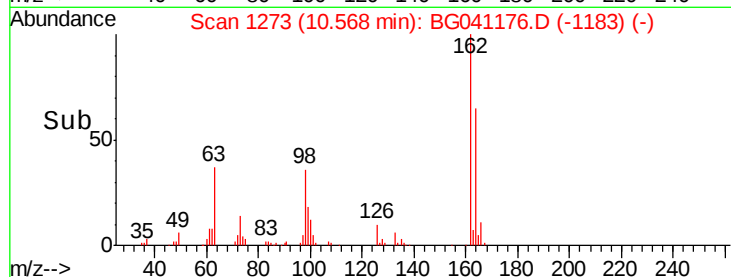
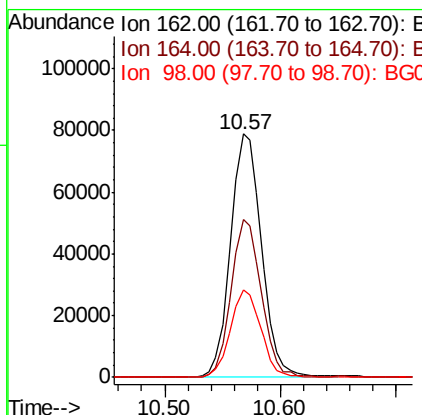
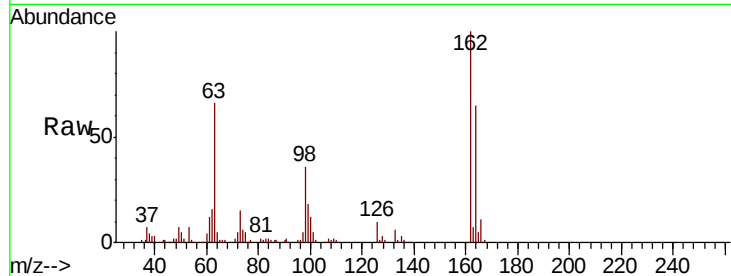




#29
 2,4-Dichlorophenol
 Concen: 6732.773 ng
 RT: 10.57 min Scan# 1273
 Delta R.T. 0.00 min
 Lab File: BG041176.D
 Acq: 10 Jun 2019 23:21

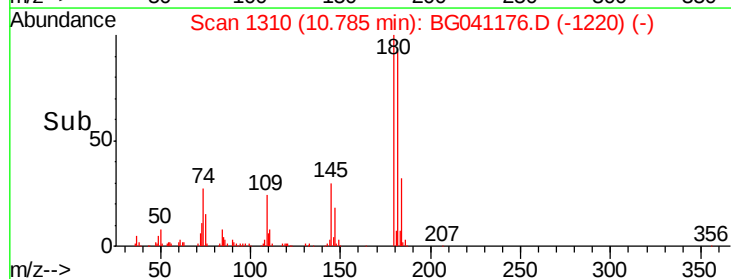
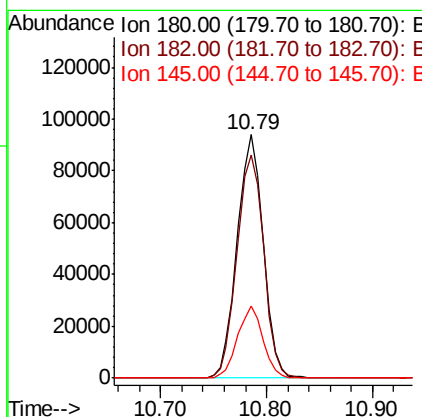
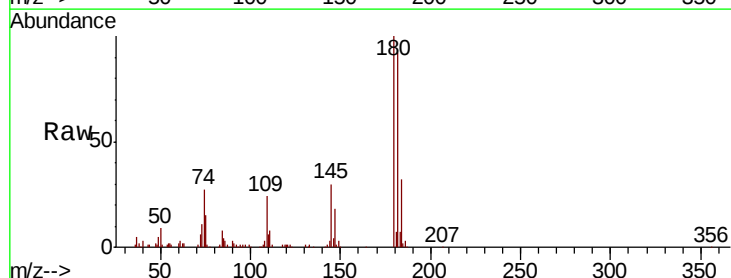
Instrument :
 BNA_G
 ClientSampleId :
 B-01-(0-37)COMPMSD

Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.9	39.4	79.4
98	35.8	15.3	55.3



#30
 1,2,4-Trichlorobenzene
 Concen: 6452.564 ng
 RT: 10.79 min Scan# 1310
 Delta R.T. 0.00 min
 Lab File: BG041176.D
 Acq: 10 Jun 2019 23:21

Tgt Ion	Ratio	Lower	Upper
180	100		
182	91.6	79.7	119.5
145	29.8	22.6	34.0

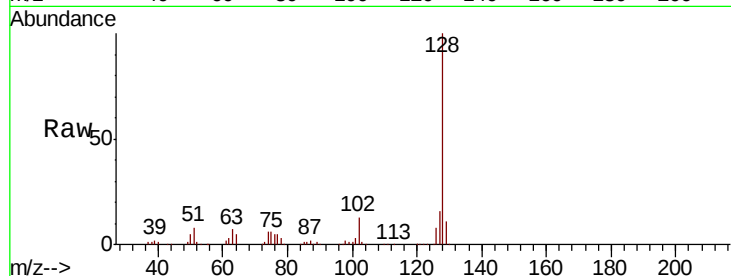




#31
Naphthalene
Concen: 6651.164 ng
RT: 10.98 min Scan# 1343
Delta R.T. 0.00 min
Lab File: BG041176.D
Acq: 10 Jun 2019 23:21

Instrument :
BNA_G
ClientSampleId :
B-01-(0-37)COMPMSD

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.5	8.5	12.7
127	15.7	11.4	17.2

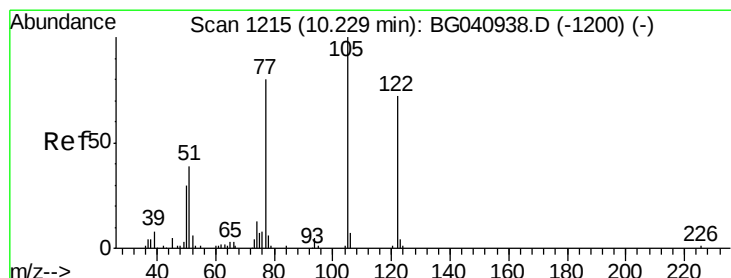
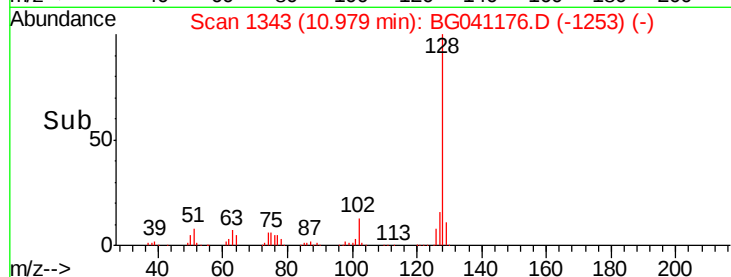
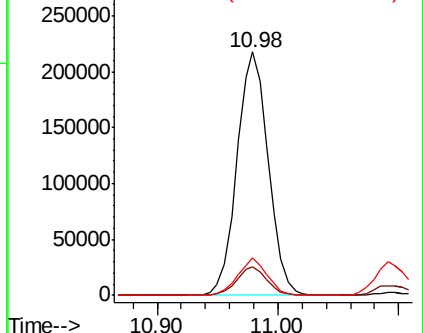


Abundance

Ion 128.00 (127.70 to 128.70): E

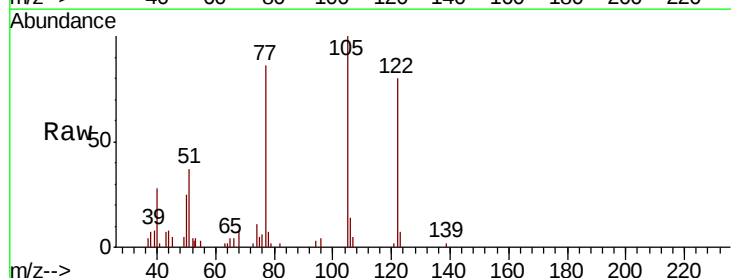
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 905.976 ng
RT: 10.17 min Scan# 1205
Delta R.T. -0.05 min
Lab File: BG041176.D
Acq: 10 Jun 2019 23:21

Tgt Ion	Ratio	Lower	Upper
122	100		
105	124.4	114.8	154.8
77	106.4	89.9	129.9

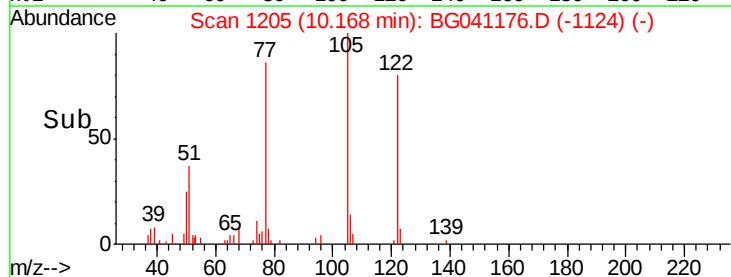
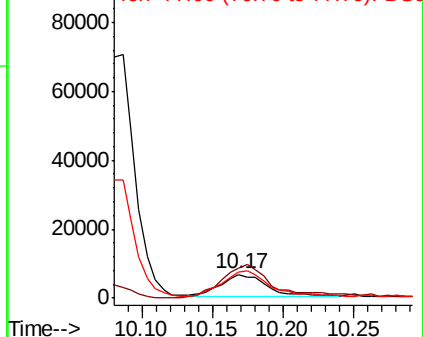


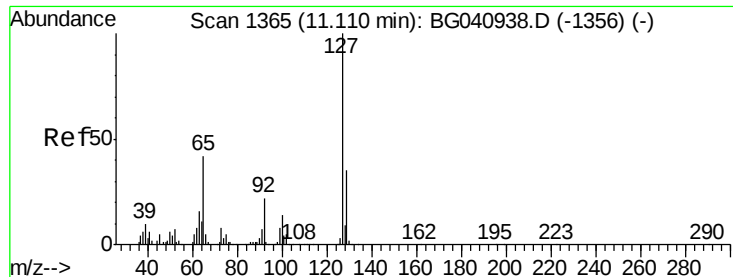
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BGO

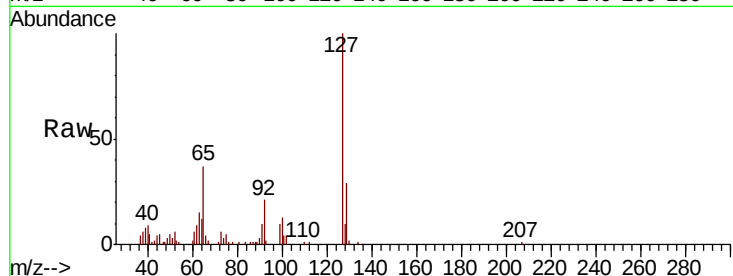




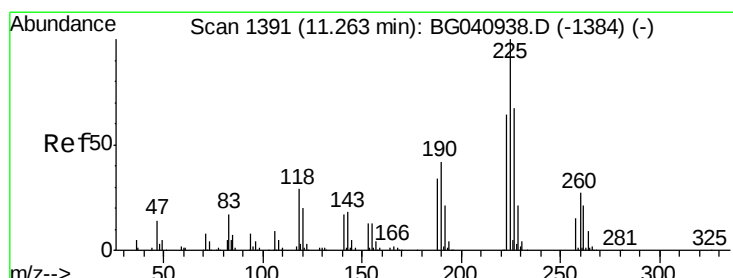
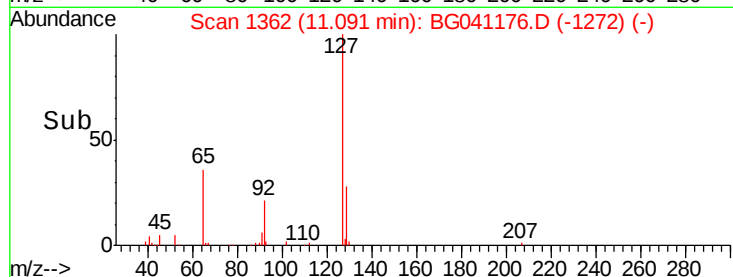
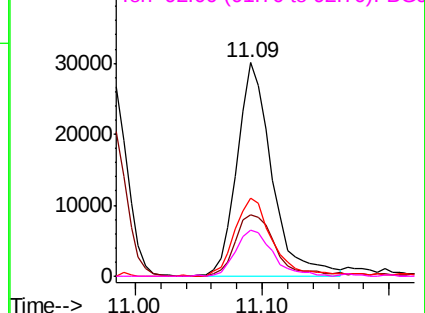
#33
4-Chloroaniline
Concen: 2097.516 ng
RT: 11.09 min Scan# 1362
Delta R.T. 0.00 min
Lab File: BG041176.D
Acq: 10 Jun 2019 23:21

Instrument :
BNA_G
ClientSampleId :
B-01-(0-37)COMPMSD

Tgt Ion:	127	Resp:	57374
Ion	Ratio	Lower	Upper
127	100		
129	29.0	27.7	41.5
65	36.7	33.2	49.8
92	21.3	17.2	25.8

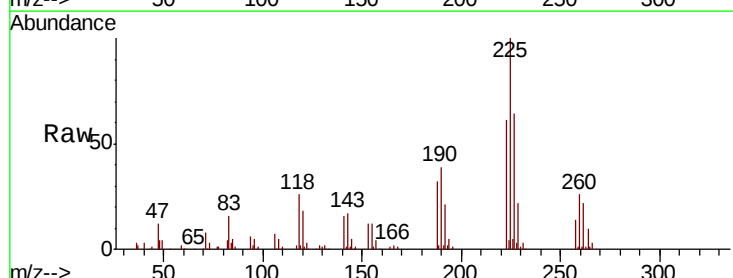


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

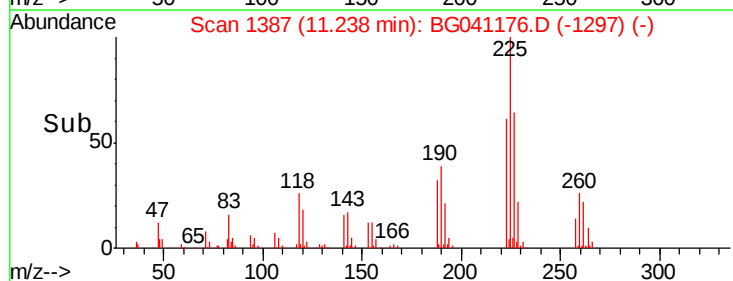
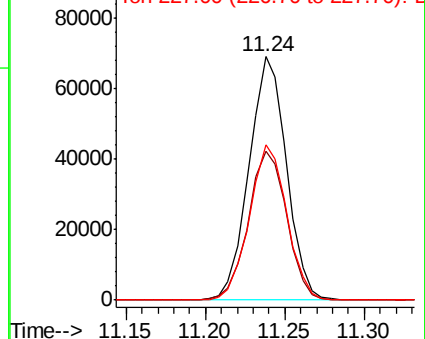


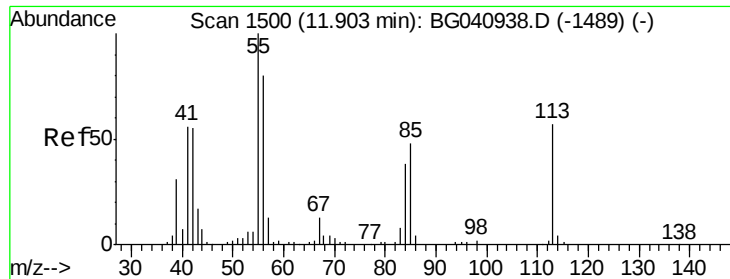
#34
Hexachlorobutadiene
Concen: 5987.134 ng
RT: 11.24 min Scan# 1387
Delta R.T. 0.00 min
Lab File: BG041176.D
Acq: 10 Jun 2019 23:21

Tgt Ion:	225	Resp:	113570
Ion	Ratio	Lower	Upper
225	100		
223	61.3	48.8	73.2
227	63.7	51.4	77.0



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 4423.962 ng

RT: 11.88 min Scan# 1497

Delta R.T. 0.00 min

Lab File: BG041176.D

Acq: 10 Jun 2019 23:21

Instrument :

BNA_G

ClientSampleId :

B-01-(0-37)COMPMSD

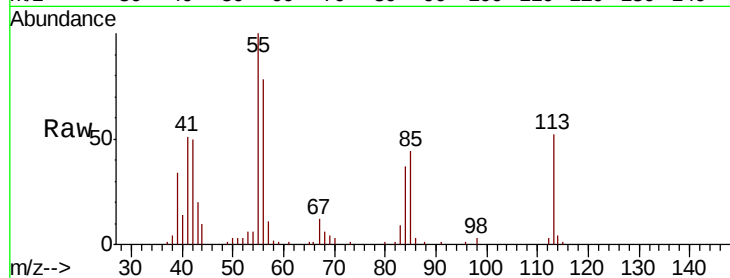
Tgt Ion:113 Resp: 31837

Ion Ratio Lower Upper

113 100

55 191.6 155.9 195.9

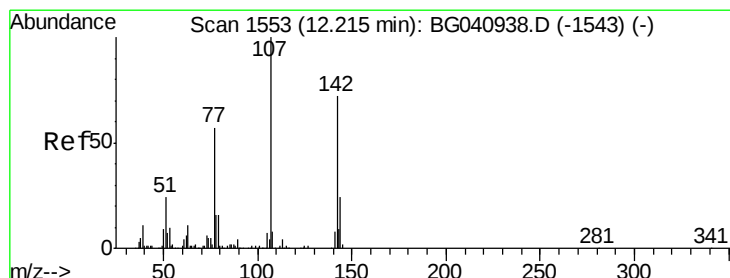
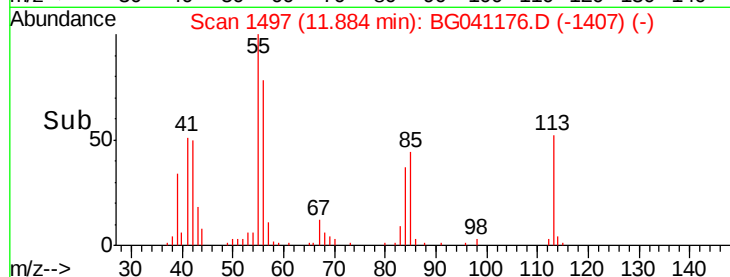
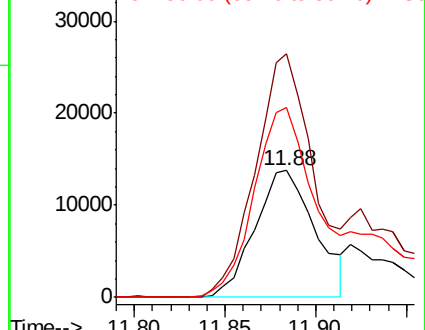
56 148.9 119.9 159.9



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 6718.898 ng

RT: 12.20 min Scan# 1551

Delta R.T. 0.01 min

Lab File: BG041176.D

Acq: 10 Jun 2019 23:21

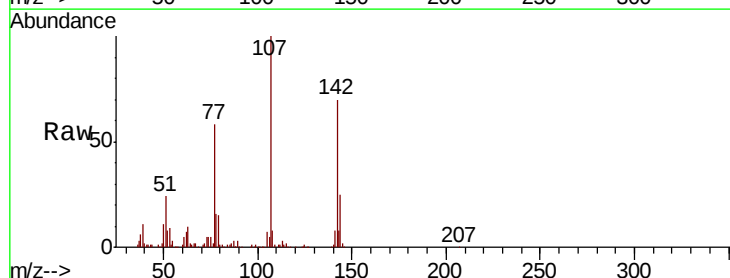
Tgt Ion:107 Resp: 167224

Ion Ratio Lower Upper

107 100

144 24.9 19.4 29.0

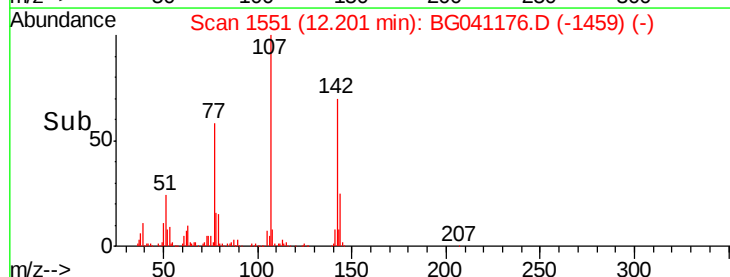
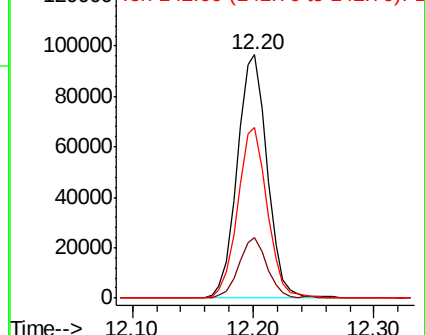
142 70.0 57.3 85.9

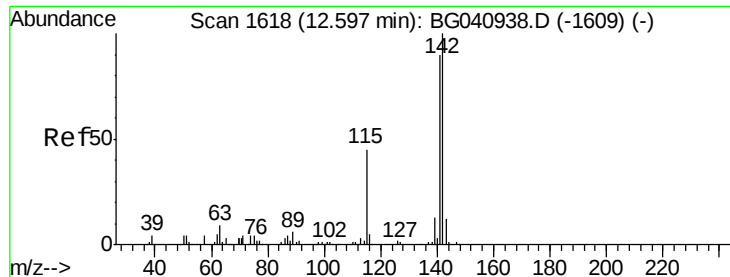


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

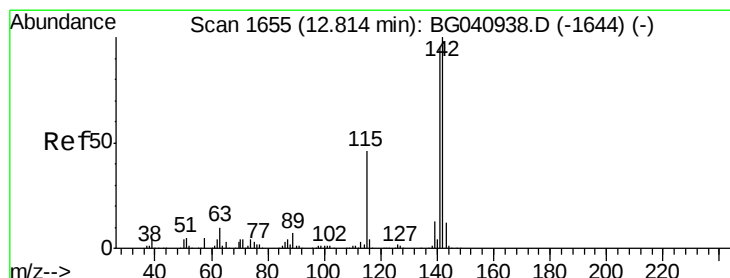
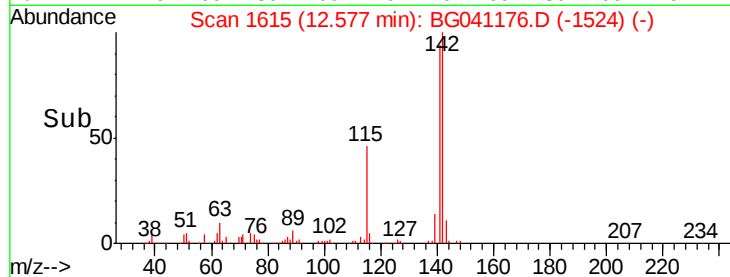
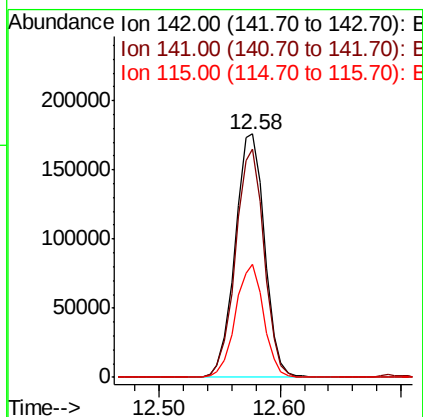
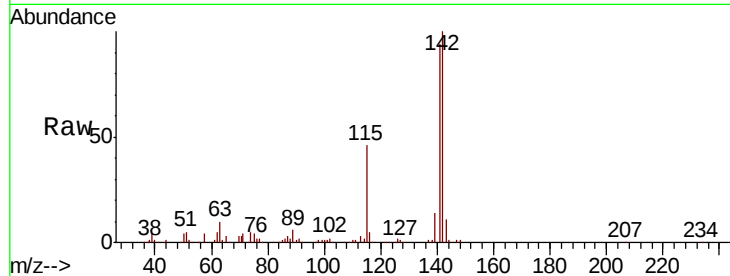




#37
 2-Methylnaphthalene
 Concen: 6596.960 ng
 RT: 12.58 min Scan# 1615
 Delta R.T. 0.01 min
 Lab File: BG041176.D
 Acq: 10 Jun 2019 23:21

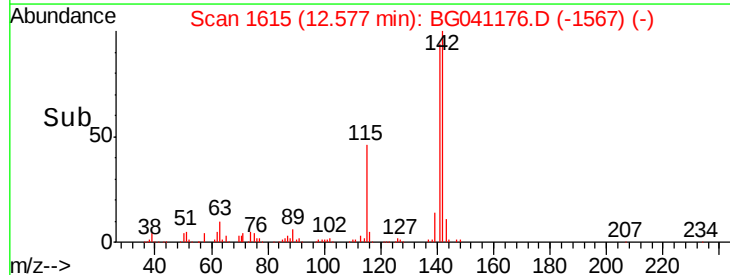
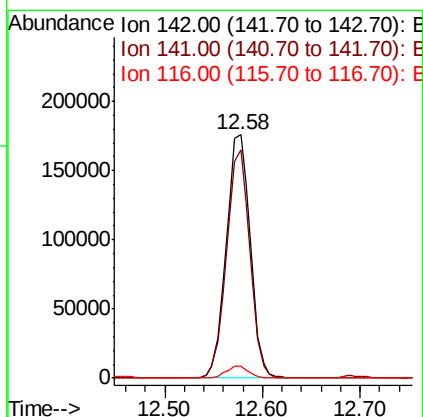
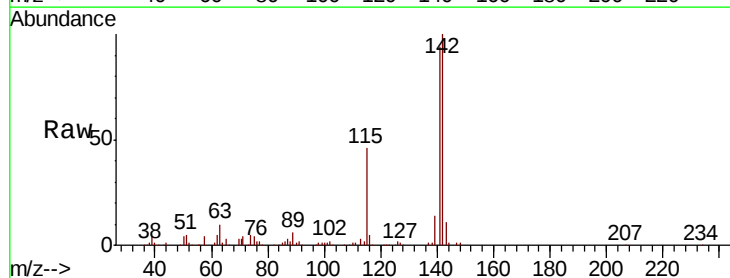
Instrument :
 BNA_G
 ClientSampleId :
 B-01-(0-37)COMPMSD

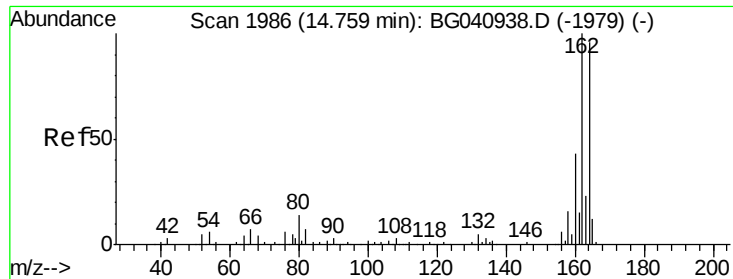
Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.6	72.2	108.4
115	46.3	36.2	54.4



#38
 1-Methylnaphthalene
 Concen: 7008.433 ng
 RT: 12.58 min Scan# 1615
 Delta R.T. -0.22 min
 Lab File: BG041176.D
 Acq: 10 Jun 2019 23:21

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.6	75.7	113.5
116	4.7	3.4	5.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.19 min Scan# 1889

Delta R.T. -0.55 min

Lab File: BG041176.D

Acq: 10 Jun 2019 23:21

Instrument :

BNA_G

ClientSampleId :

B-01-(0-37)COMPMSD

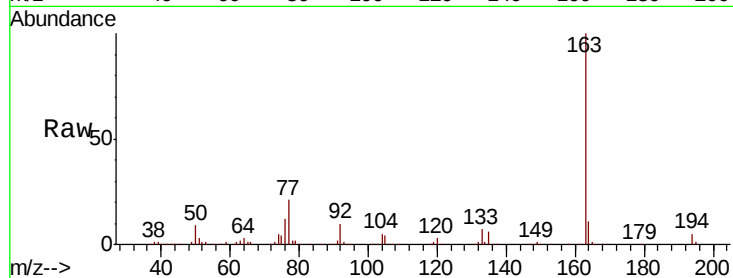
Tgt Ion:164 Resp: 52651

Ion Ratio Lower Upper

164 100

162 0.0 83.0 124.4#

160 0.0 35.6 53.4#

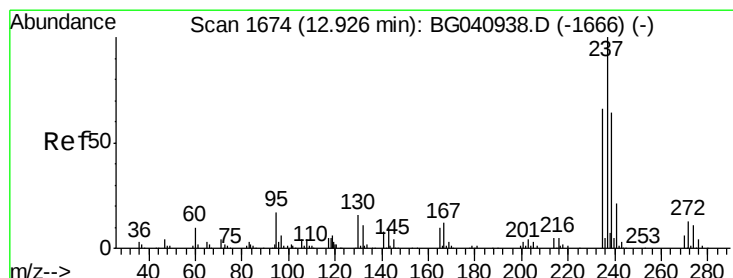
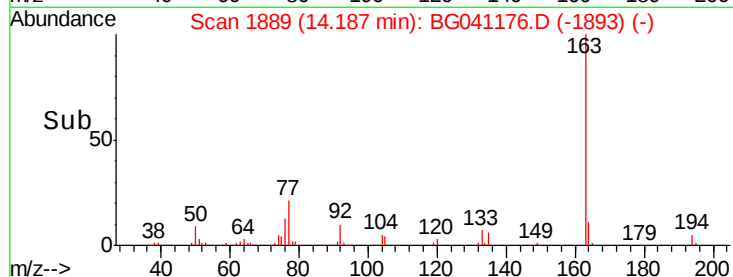
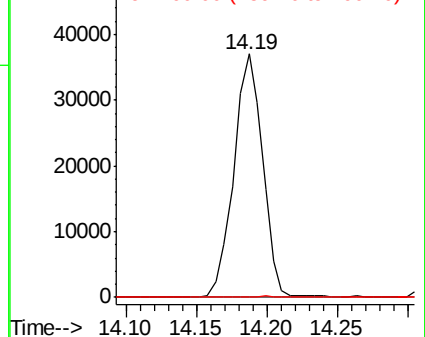


Abundance

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

Hexachlorocyclopentadiene

Concen: 152.009 ng

RT: 12.90 min Scan# 1670

Delta R.T. 0.00 min

Lab File: BG041176.D

Acq: 10 Jun 2019 23:21

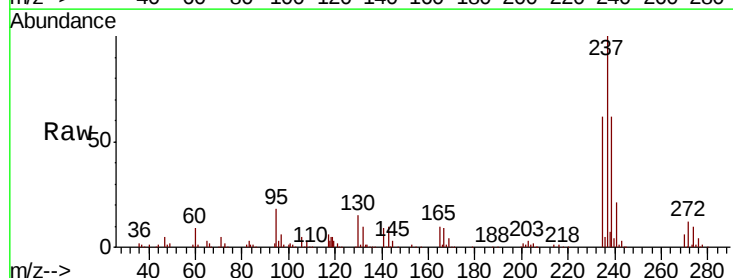
Tgt Ion:237 Resp: 182829

Ion Ratio Lower Upper

237 100

235 62.4 45.5 85.5

272 11.7 0.0 32.9

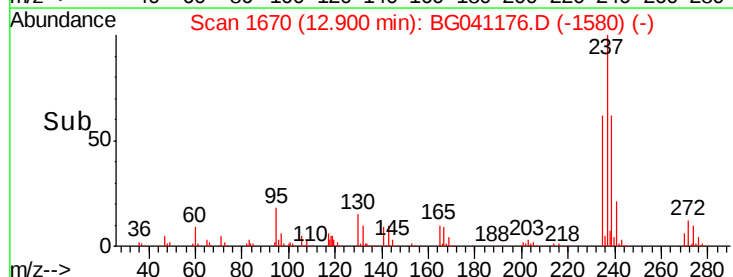
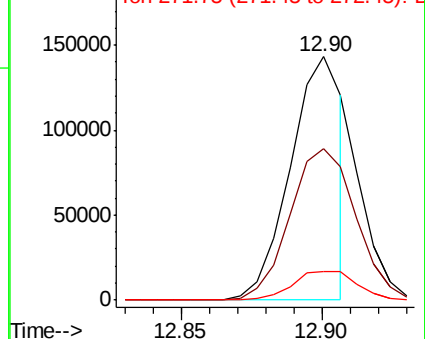


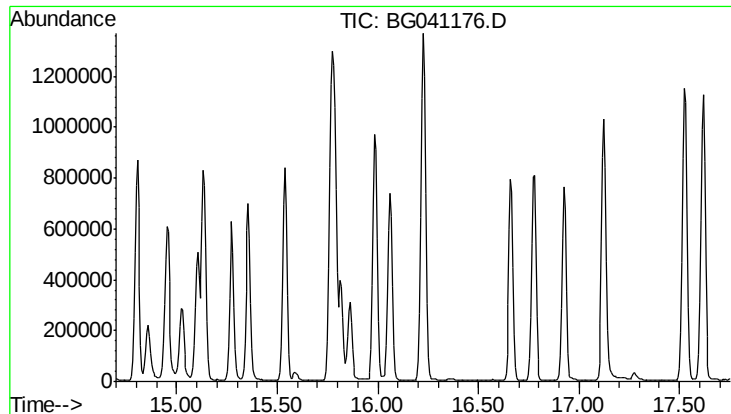
Abundance

Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#42

2,4,6-Tribromophenol

Concen: 0.000 ng

Expected RT: 16.22 min

Lab File: BG041176.D

Acq: 10 Jun 2019 23:21

Instrument :

BNA_G

ClientSampleId :

B-01-(0-37)COMPMSD

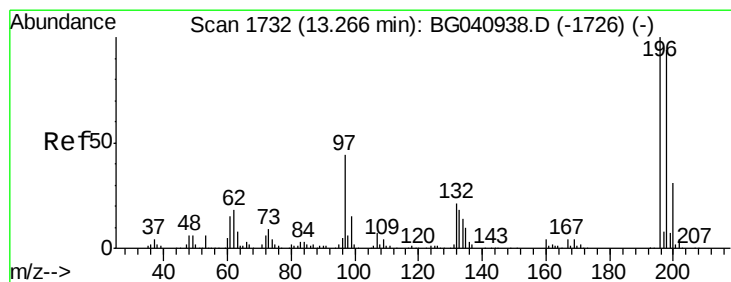
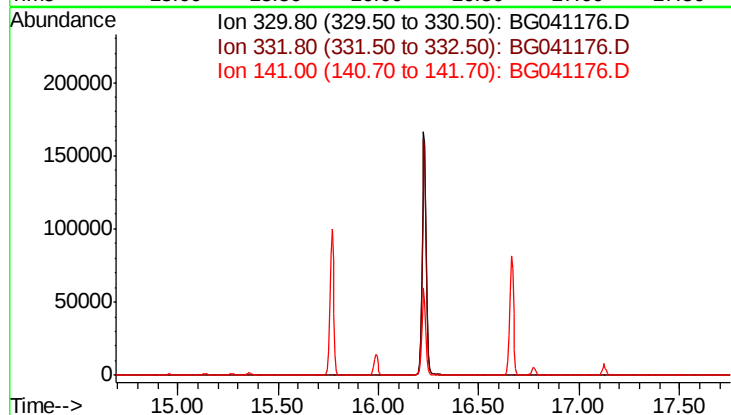
Tgt Ion: 330

Sig Exp Ratio

330 100

332 98.1

141 35.9



#44

2,4,5-Trichlorophenol

Concen: 99.589 ng

RT: 13.18 min Scan# 1717

Delta R.T. -0.06 min

Lab File: BG041176.D

Acq: 10 Jun 2019 23:21

Tgt Ion:196 Resp: 144188

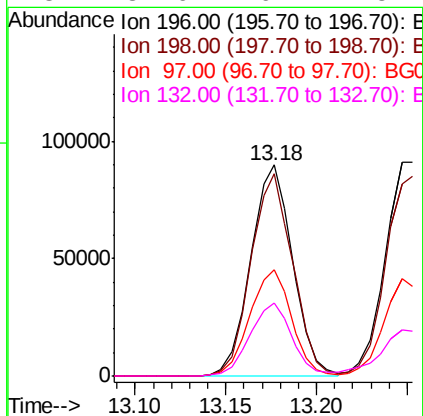
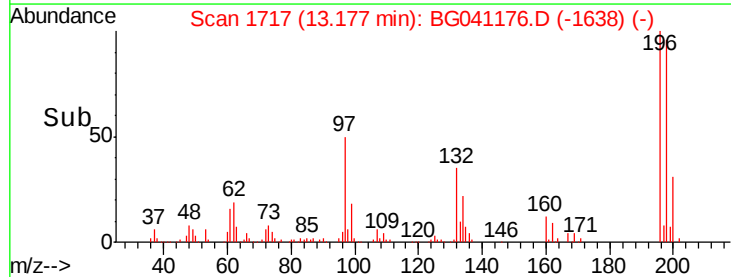
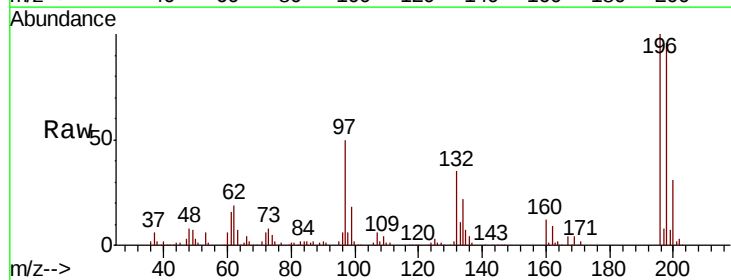
Ion Ratio Lower Upper

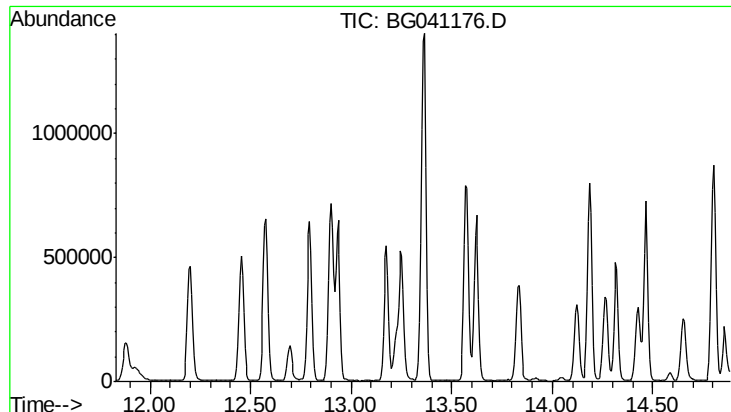
196 100

198 95.8 75.1 112.7

97 50.1 35.6 53.4

132 34.6 16.7 25.1#

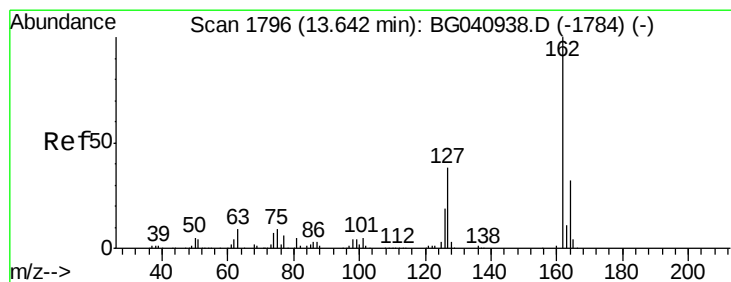
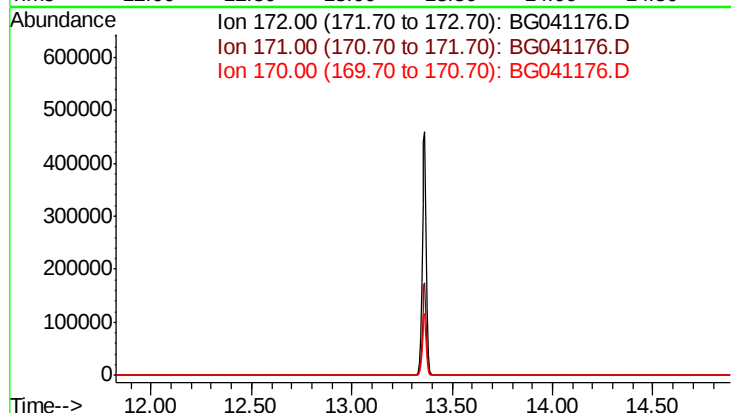




#45
 2-Fluorobiphenyl
 Concen: 0.000 ng
 Expected RT: 13.36 min
 Lab File: BG041176.D
 Acq: 10 Jun 2019 23:21

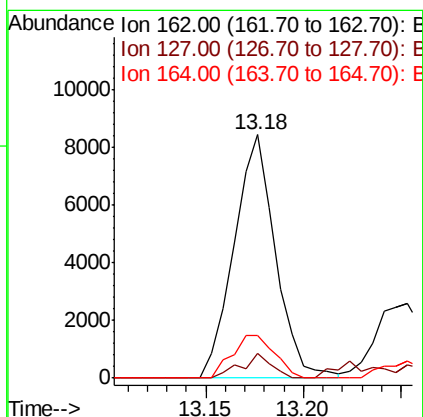
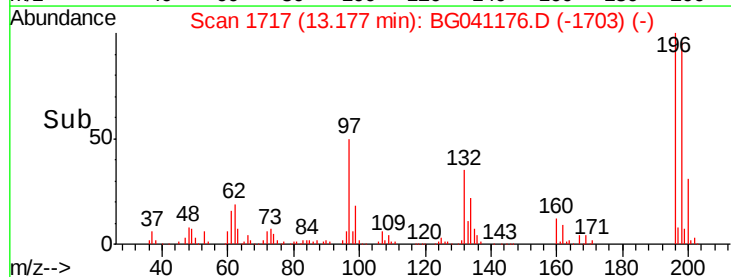
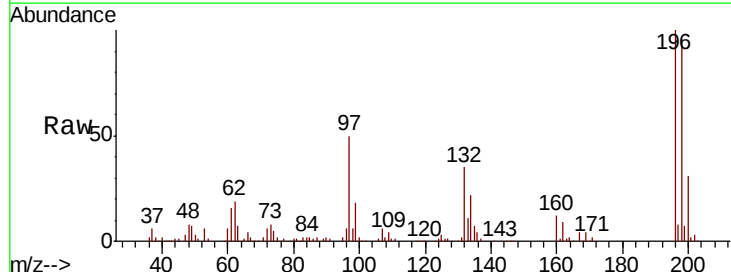
Instrument :
 BNA_G
 ClientSampleId :
 B-01-(0-37)COMPMSD

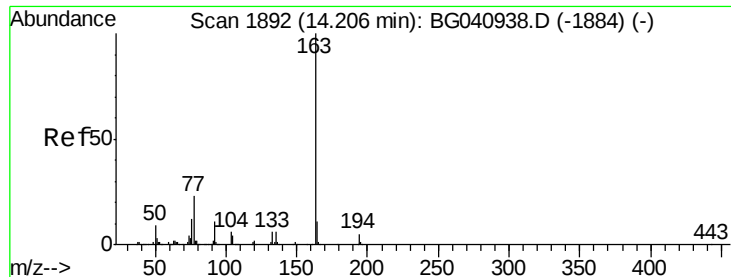
Tgt Ion: 172
 Sig Exp Ratio
 172 100
 171 38.9
 170 25.6



#47
 2-Chloronaphthalene
 Concen: 3.700 ng
 RT: 13.18 min Scan# 1717
 Delta R.T. -0.45 min
 Lab File: BG041176.D
 Acq: 10 Jun 2019 23:21

Tgt Ion:162 Resp: 12378
 Ion Ratio Lower Upper
 162 100
 127 10.2 30.5 45.7#
 164 17.5 25.8 38.6#





#50

Dimethylphthalate

Concen: 8.831 ng

RT: 13.62 min Scan# 1793

Delta R.T. -0.56 min

Lab File: BG041176.D

Acq: 10 Jun 2019 23:21

Instrument :

BNA_G

ClientSampleId :

B-01-(0-37)COMPMSD

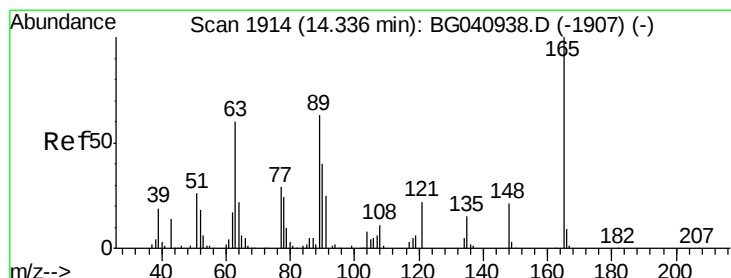
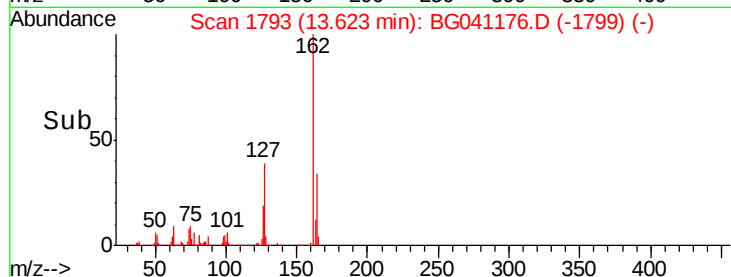
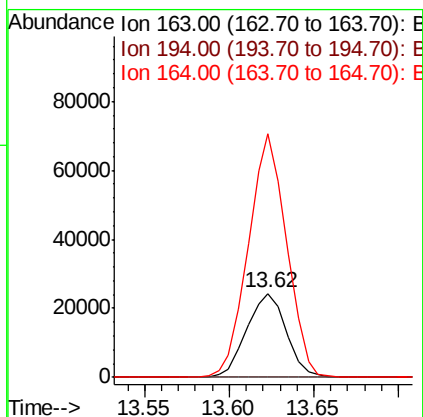
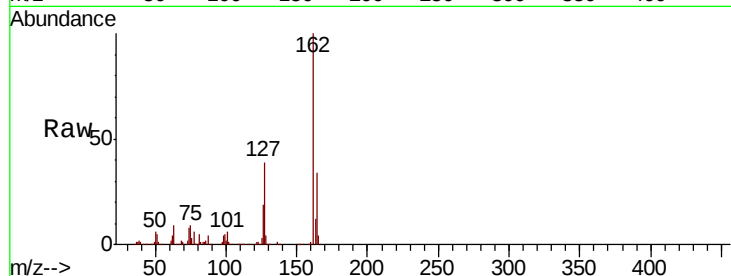
Tgt Ion:163 Resp: 39357

Ion Ratio Lower Upper

163 100

194 0.0 3.8 5.8#

164 289.2 8.7 13.1#



#51

2,6-Dinitrotoluene

Concen: 12.193 ng

RT: 13.62 min Scan# 1793

Delta R.T. -0.69 min

Lab File: BG041176.D

Acq: 10 Jun 2019 23:21

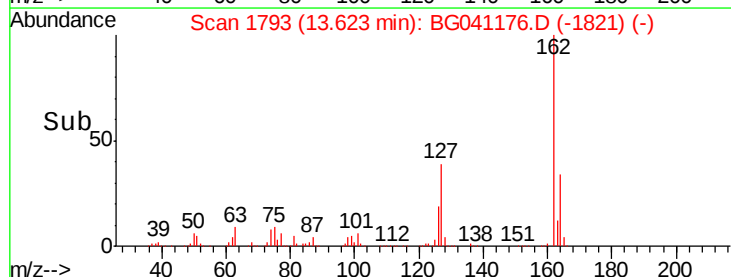
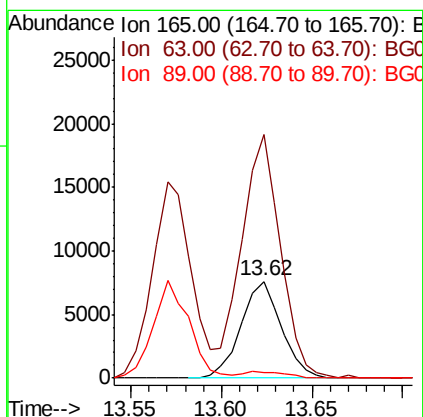
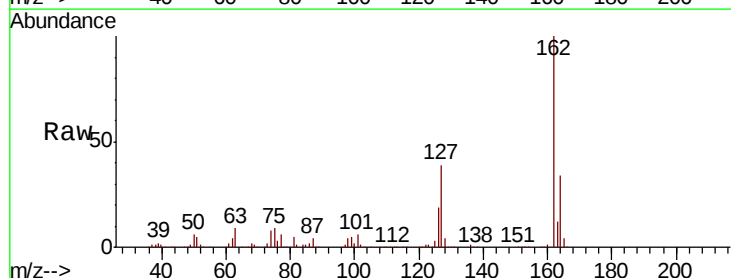
Tgt Ion:165 Resp: 11717

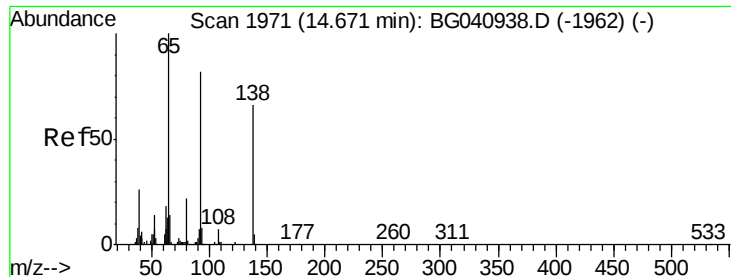
Ion Ratio Lower Upper

165 100

63 250.9 53.6 80.4#

89 6.1 50.4 75.6#





#53

3-Nitroaniline

Concen: 112.631 ng

RT: 13.83 min Scan# 1829

Delta R.T. -0.82 min

Lab File: BG041176.D

Acq: 10 Jun 2019 23:21

Instrument :

BNA_G

ClientSampleId :

B-01-(0-37)COMPMSD

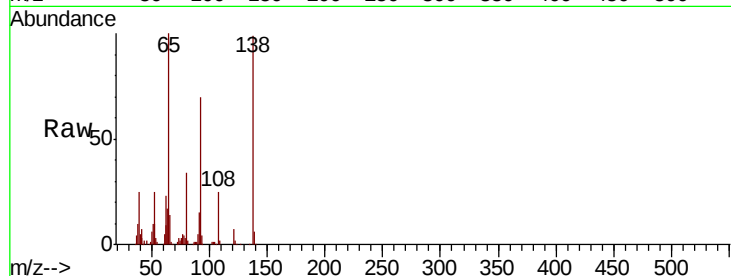
Tgt Ion:138 Resp: 108229

Ion Ratio Lower Upper

138 100

108 25.7 8.5 12.7#

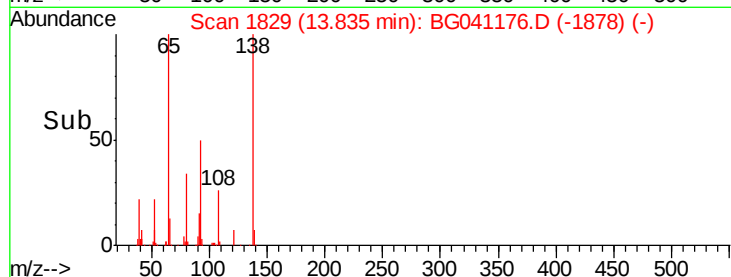
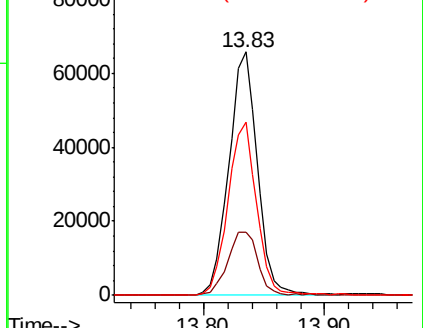
92 71.0 99.0 148.6#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#55

Dibenzofuran

Concen: 9.287 ng

RT: 14.43 min Scan# 1930

Delta R.T. -0.70 min

Lab File: BG041176.D

Acq: 10 Jun 2019 23:21

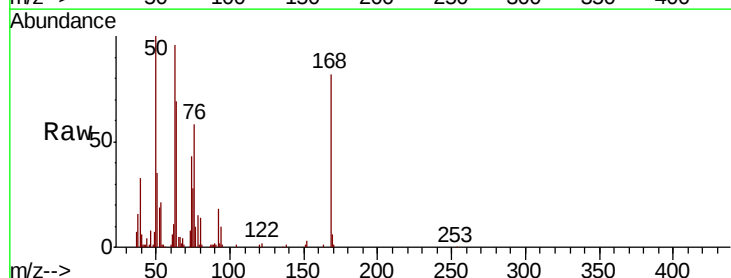
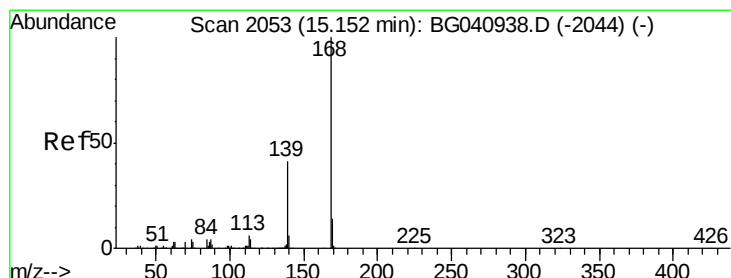
Tgt Ion:168 Resp: 47671

Ion Ratio Lower Upper

168 100

139 0.0 32.8 49.2#

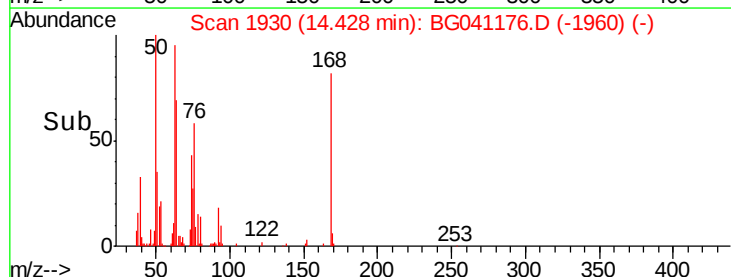
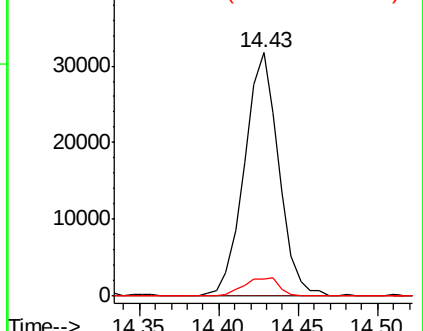
169 6.8 11.3 16.9#

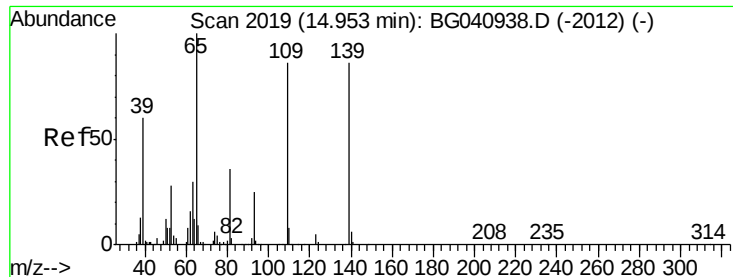


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#56

4-Nitrophenol

Concen: 7.274 ng

RT: 14.66 min Scan# 1969

Delta R.T. -0.28 min

Lab File: BG041176.D

Acq: 10 Jun 2019 23:21

Instrument :

BNA_G

ClientSampleId :

B-01-(0-37)COMPMSD

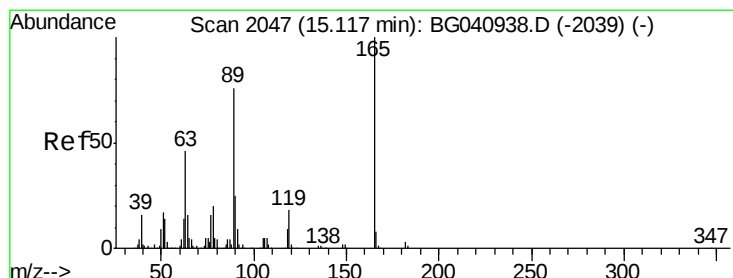
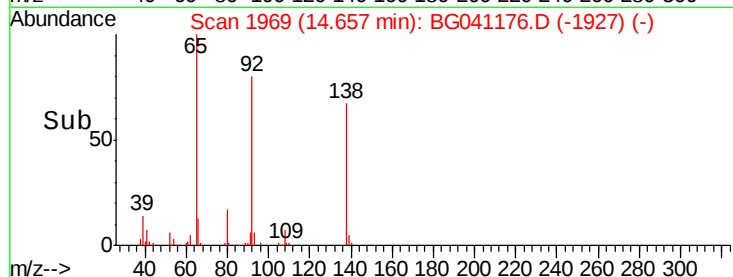
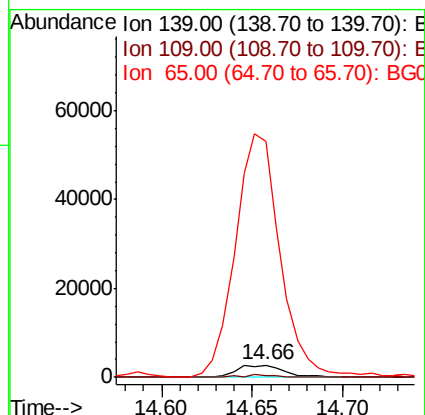
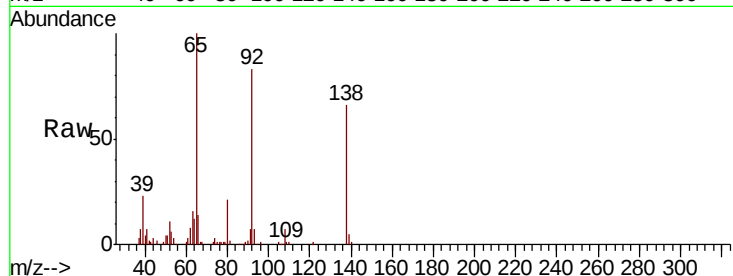
Tgt Ion:139 Resp: 4794

Ion Ratio Lower Upper

139 100

109 18.2 79.6 119.6#

65 1938.9 96.9 136.9#



#57

2,4-Dinitrotoluene

Concen: 72.924 ng

RT: 14.32 min Scan# 1912

Delta R.T. -0.77 min

Lab File: BG041176.D

Acq: 10 Jun 2019 23:21

Tgt Ion:165 Resp: 98989

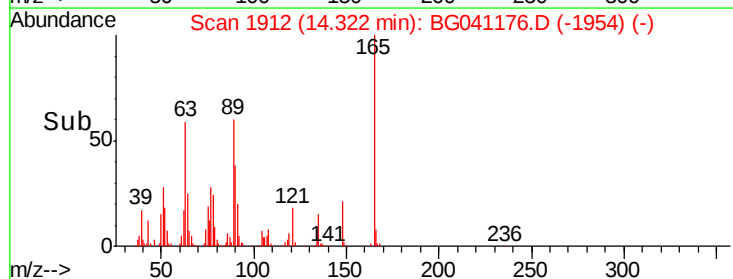
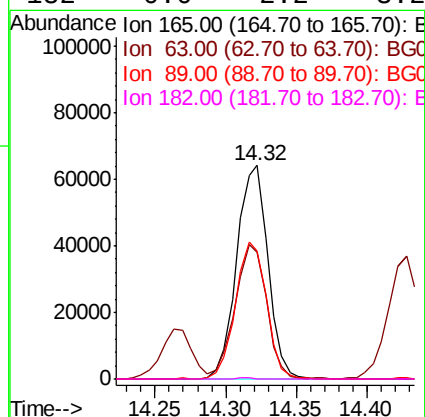
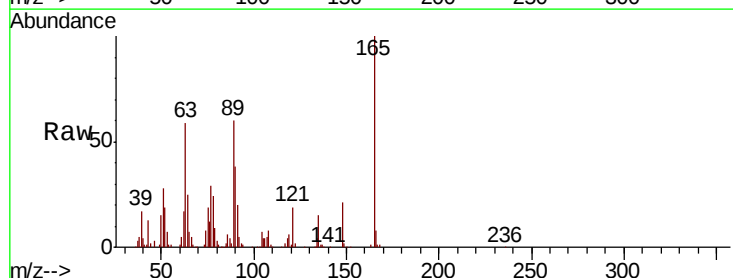
Ion Ratio Lower Upper

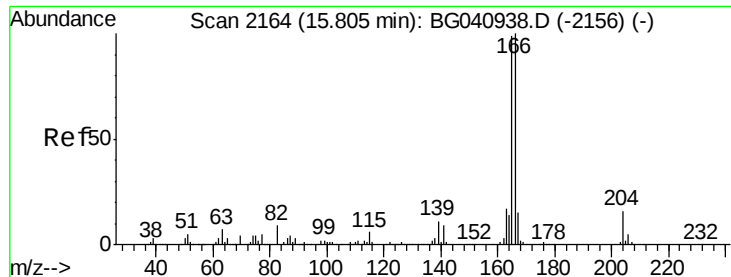
165 100

63 59.4 37.3 55.9#

89 60.2 61.0 91.6#

182 0.0 2.2 3.2#





#58

Fluorene

Concen: 3.007 ng

RT: 15.10 min Scan# 2045

Delta R.T. -0.67 min

Lab File: BG041176.D

Acq: 10 Jun 2019 23:21

Instrument :

BNA_G

ClientSampleId :

B-01-(0-37)COMPMSD

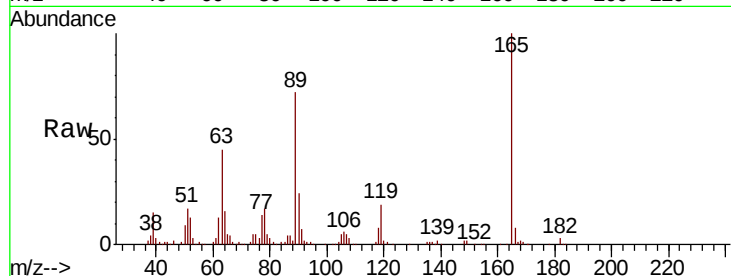
Tgt Ion:166 Resp: 12292

Ion Ratio Lower Upper

166 100

165 1206.8 79.2 118.8#

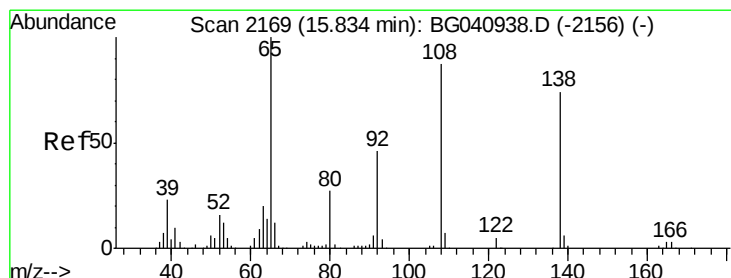
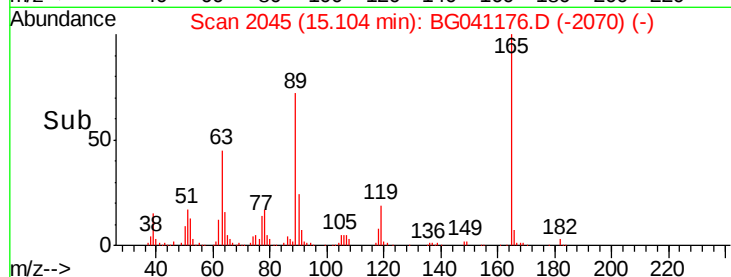
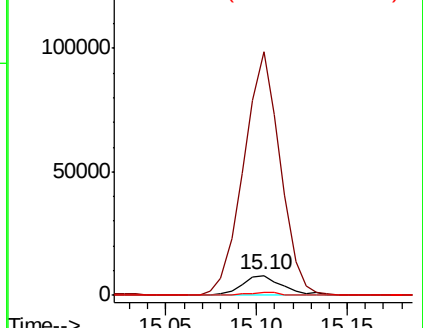
167 13.7 11.8 17.6



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#62

4-Nitroaniline

Concen: 11.331 ng

RT: 15.14 min Scan# 2051

Delta R.T. -0.67 min

Lab File: BG041176.D

Acq: 10 Jun 2019 23:21

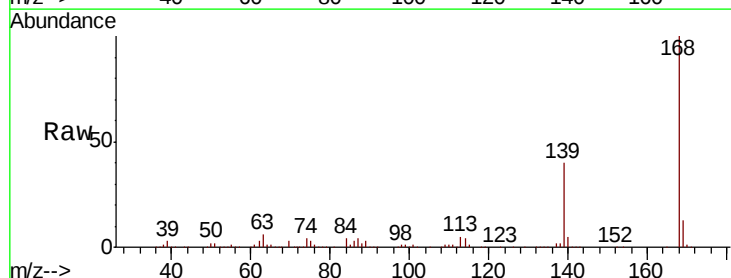
Tgt Ion:138 Resp: 11527

Ion Ratio Lower Upper

138 100

92 9.4 42.4 82.4#

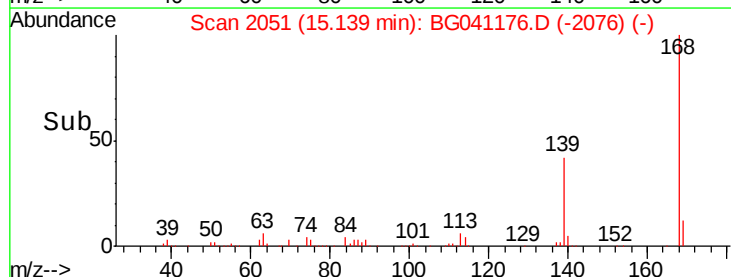
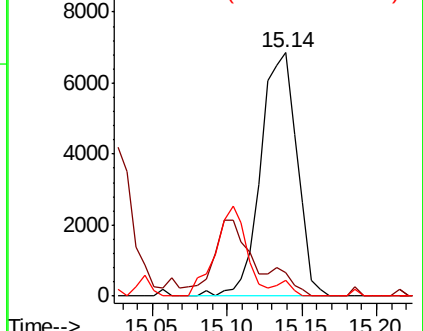
108 6.6 96.9 136.9#

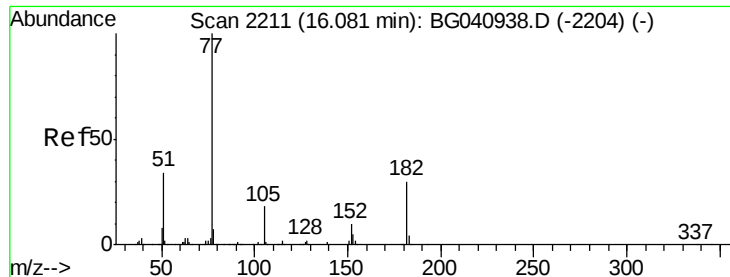


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 5.495 ng

RT: 15.54 min Scan# 2119

Delta R.T. -0.52 min

Lab File: BG041176.D

Acq: 10 Jun 2019 23:21

Instrument :

BNA_G

ClientSampleId :

B-01-(0-37)COMPMSD

Tgt Ion: 77 Resp: 22716

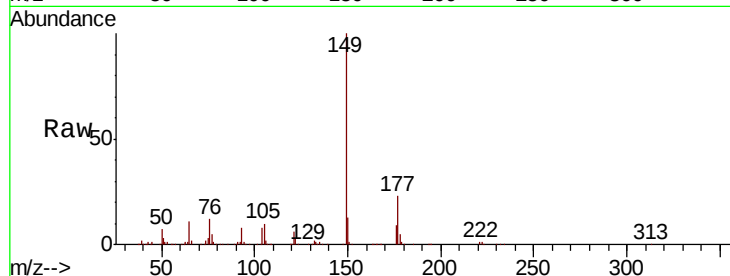
Ion Ratio Lower Upper

77 100

182 0.0 9.6 49.6#

105 184.9 0.0 37.5#

51 49.6 13.7 53.7

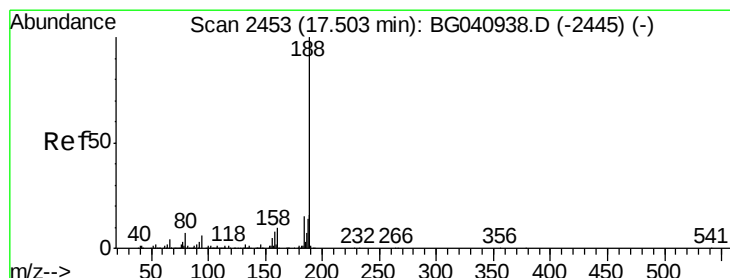
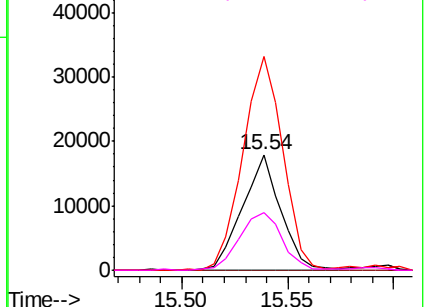
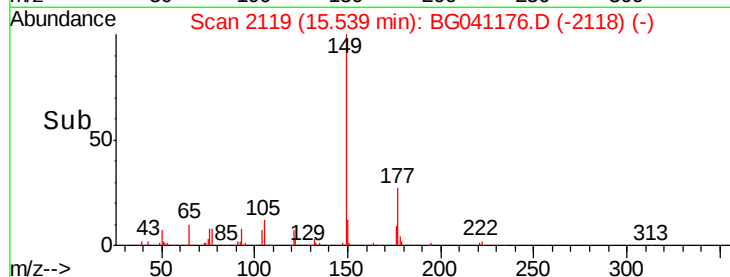


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.77 min Scan# 2329

Delta R.T. -0.71 min

Lab File: BG041176.D

Acq: 10 Jun 2019 23:21

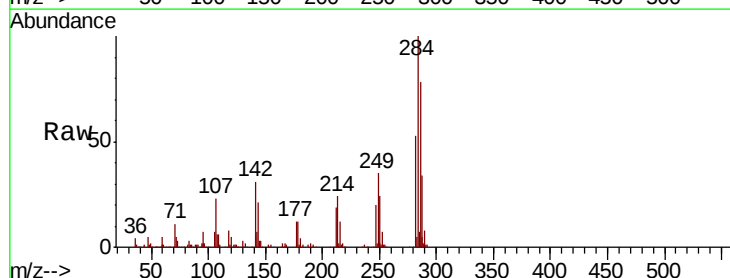
Tgt Ion: 188 Resp: 1834

Ion Ratio Lower Upper

188 100

94 148.7 4.7 7.1#

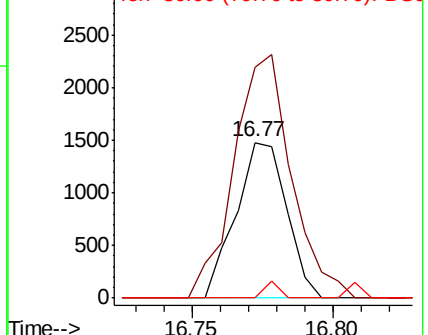
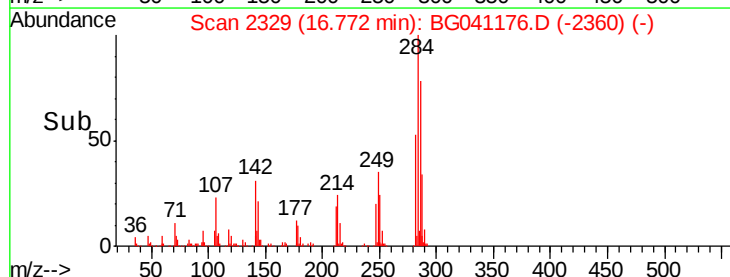
80 0.0 5.8 8.8#

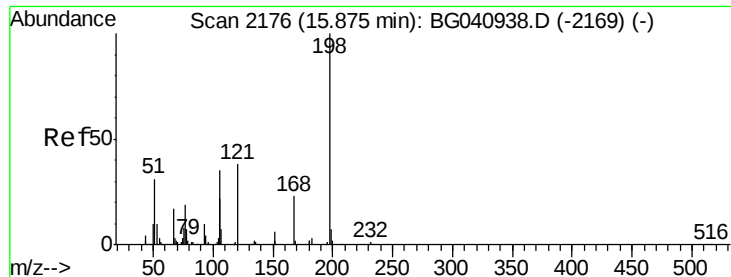


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 680.876 ng

RT: 15.27 min Scan# 2074

Delta R.T. -0.59 min

Lab File: BG041176.D

Acq: 10 Jun 2019 23:21

Instrument :

BNA_G

ClientSampleId :

B-01-(0-37)COMPMSD

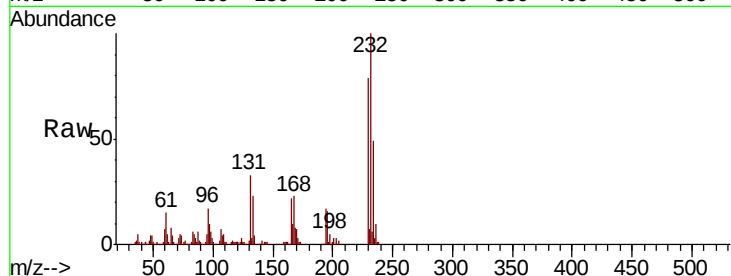
Tgt Ion:198 Resp: 8047

Ion Ratio Lower Upper

198 100

51 4.7 21.6 61.6#

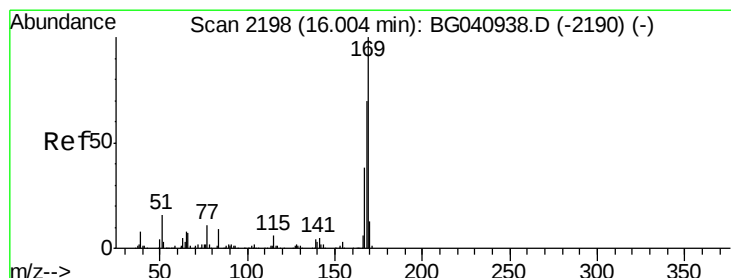
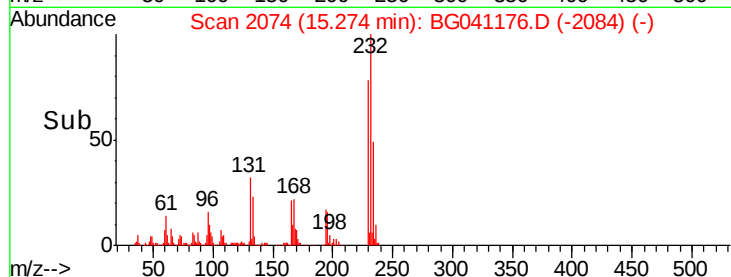
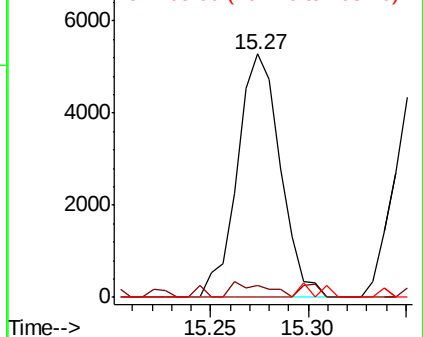
105 0.0 17.5 57.5#



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



#66

n-Nitrosodiphenylamine

Concen: 257.779 ng

RT: 15.36 min Scan# 2088

Delta R.T. -0.63 min

Lab File: BG041176.D

Acq: 10 Jun 2019 23:21

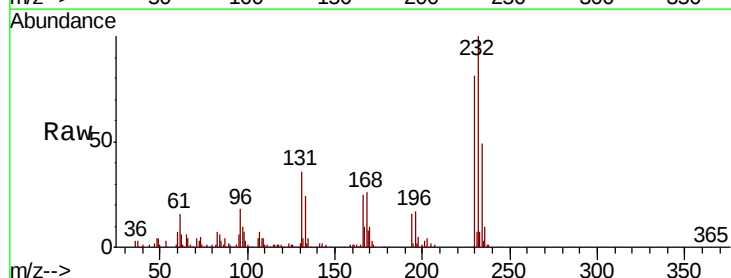
Tgt Ion:169 Resp: 13290

Ion Ratio Lower Upper

169 100

168 314.4 55.7 83.5#

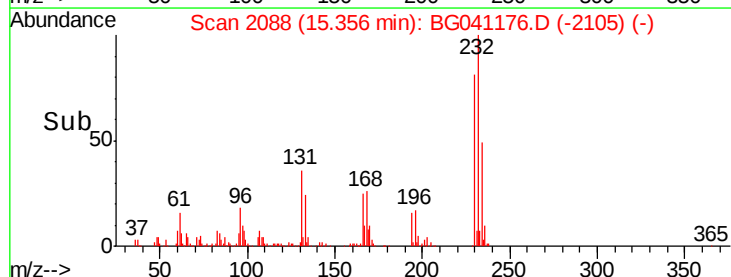
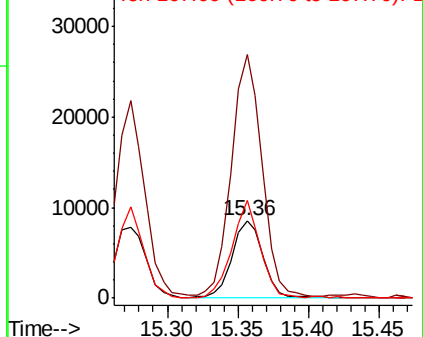
167 126.4 30.2 45.2#

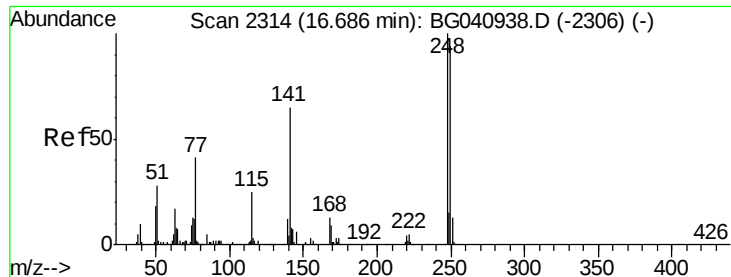


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





#67

4-Bromophenyl-phenylether

Concen: 762.489 ng

RT: 16.23 min Scan# 2236

Delta R.T. -0.43 min

Lab File: BG041176.D

Acq: 10 Jun 2019 23:21

Instrument :

BNA_G

ClientSampleId :

B-01-(0-37)COMPMSD

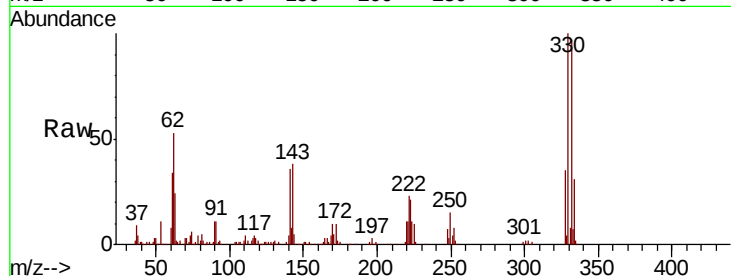
Tgt Ion:248 Resp: 18872

Ion Ratio Lower Upper

248 100

250 194.8 75.0 112.4#

141 484.4 52.4 78.6#

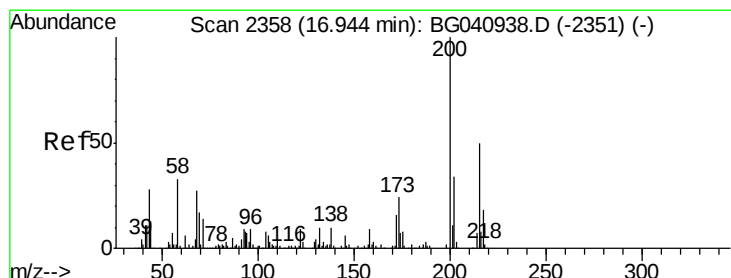
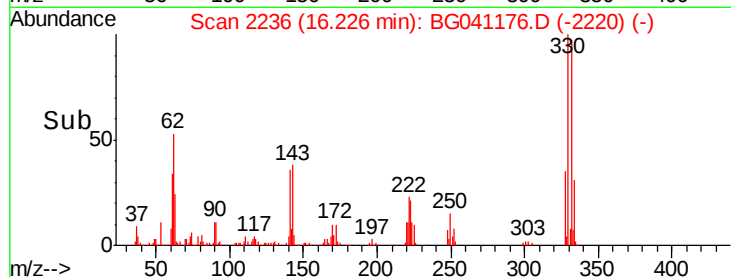
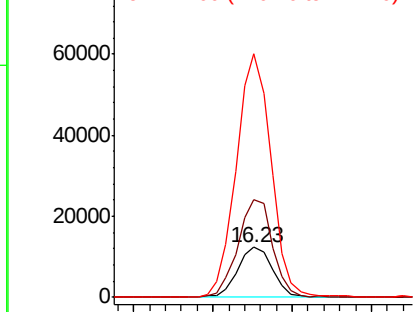


Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#69

Atrazine

Concen: 7.792 ng

RT: 16.23 min Scan# 2236

Delta R.T. -0.70 min

Lab File: BG041176.D

Acq: 10 Jun 2019 23:21

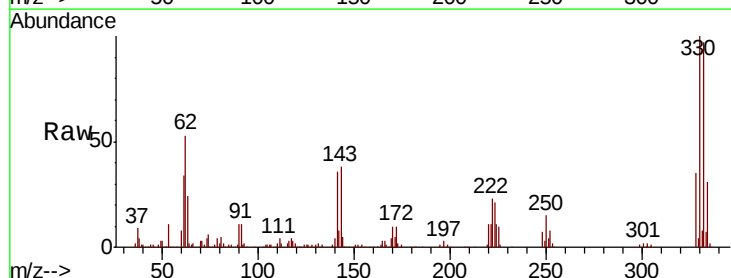
Tgt Ion:200 Resp: 155

Ion Ratio Lower Upper

200 100

173 1036.3 3.6 43.6#

215 0.0 29.6 69.6#

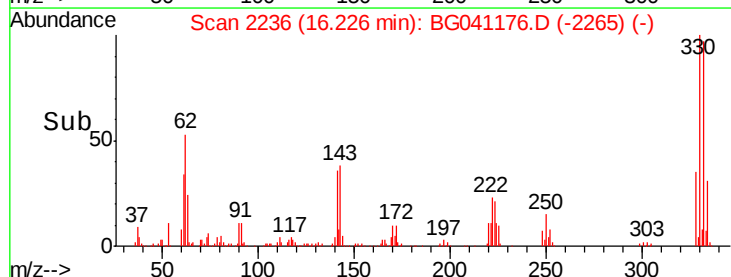
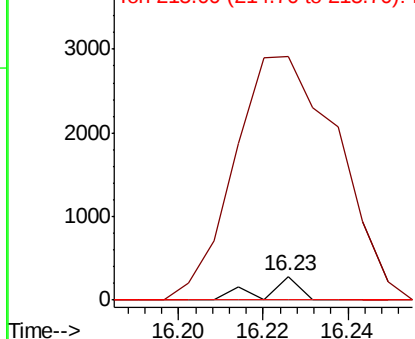


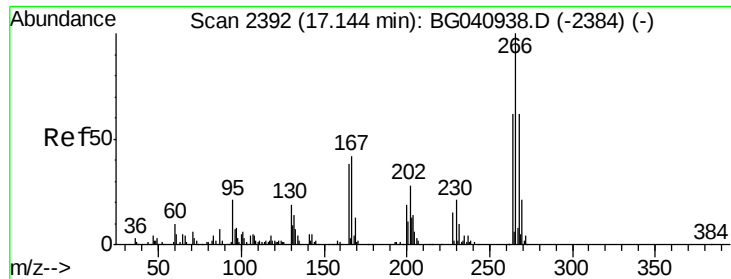
Abundance

Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

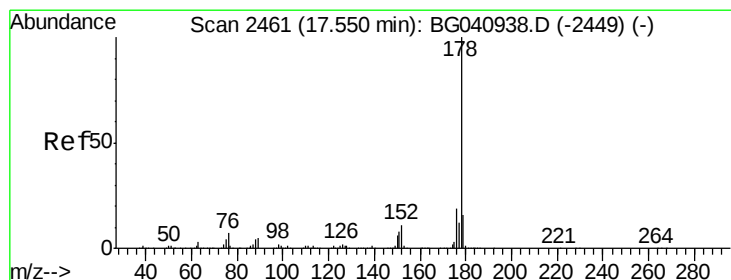
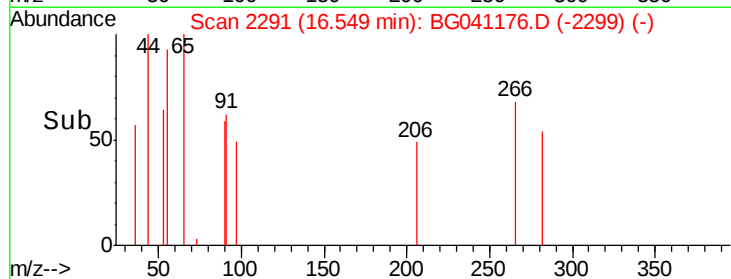
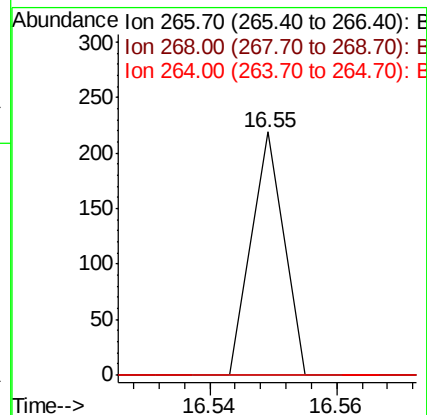
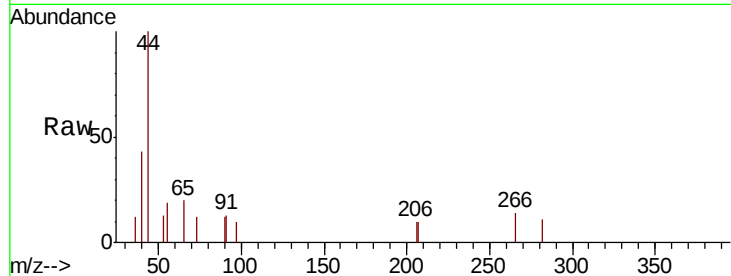




#70
 Pentachlorophenol
 Concen: 9.420 ng
 RT: 16.55 min Scan# 2291
 Delta R.T. -0.57 min
 Lab File: BG041176.D
 Acq: 10 Jun 2019 23:21

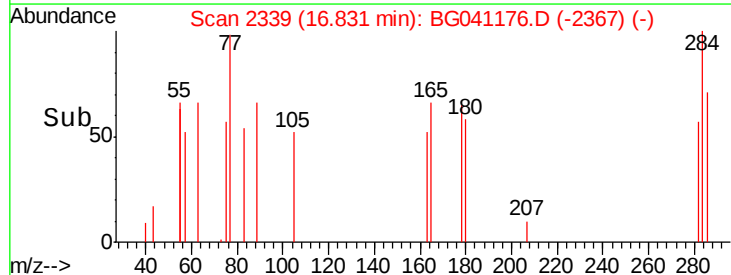
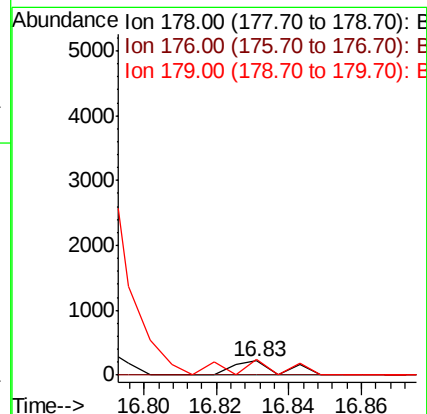
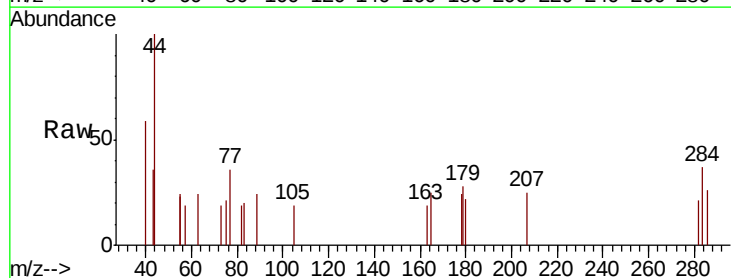
Instrument :
 BNA_G
 ClientSampleId :
 B-01-(0-37)COMPMSD

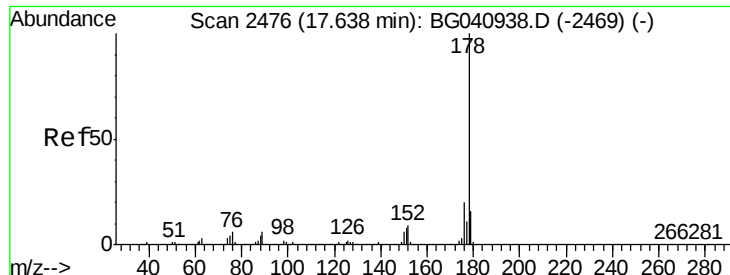
Tgt Ion	Ratio	Lower	Upper
266	100		
268	0.0	53.1	79.7#
264	0.0	49.9	74.9#



#71
 Phenanthrene
 Concen: 2.020 ng
 RT: 16.83 min Scan# 2339
 Delta R.T. -0.69 min
 Lab File: BG041176.D
 Acq: 10 Jun 2019 23:21

Tgt Ion	Ratio	Lower	Upper
178	100		
176	0.0	15.5	23.3#
179	117.8	12.7	19.1#





#72

Anthracene

Concen: 6.432 ng

RT: 16.93 min Scan# 2355

Delta R.T. -0.69 min

Lab File: BG041176.D

Acq: 10 Jun 2019 23:21

Instrument :

BNA_G

ClientSampleId :

B-01-(0-37)COMPMSD

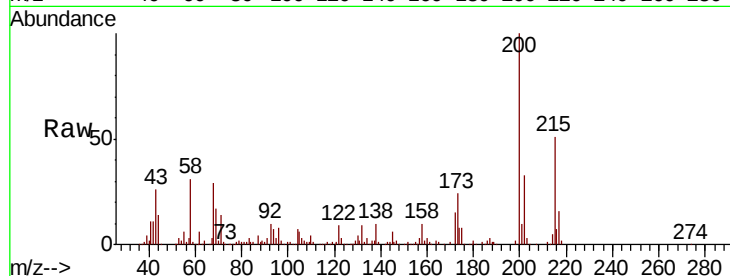
Tgt Ion:178 Resp: 606

Ion Ratio Lower Upper

178 100

176 126.2 15.6 23.4#

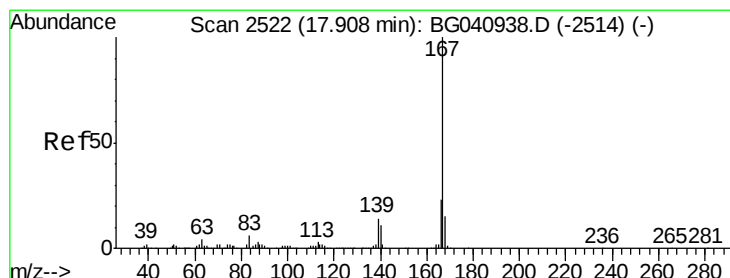
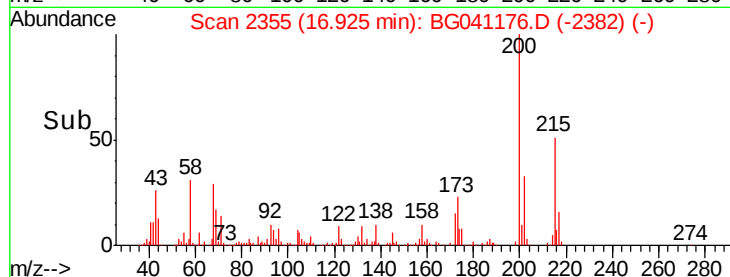
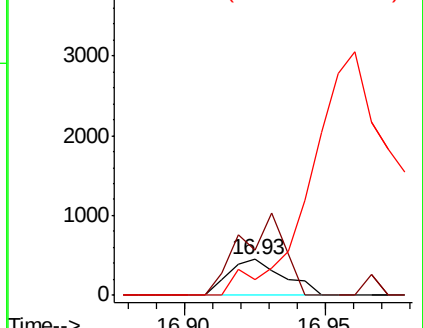
179 42.1 13.0 19.4#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#73

Carbazole

Concen: 1024.970 ng

RT: 17.12 min Scan# 2389

Delta R.T. -0.76 min

Lab File: BG041176.D

Acq: 10 Jun 2019 23:21

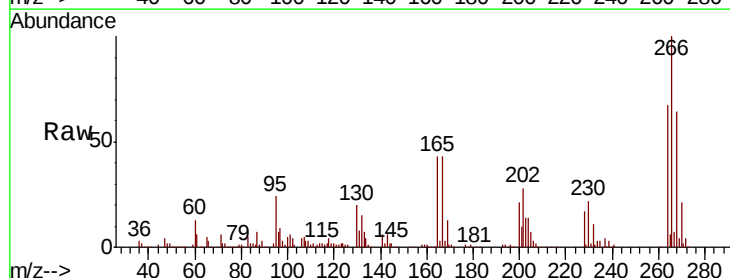
Tgt Ion:167 Resp: 82862

Ion Ratio Lower Upper

167 100

166 7.0 18.2 27.4#

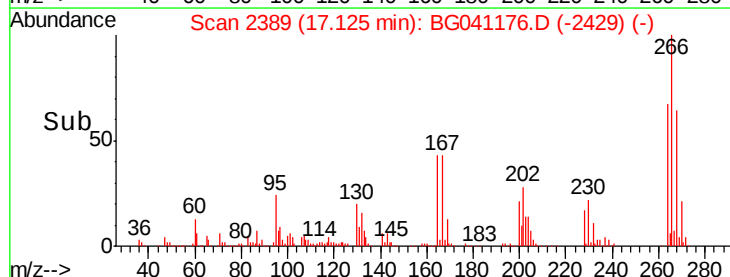
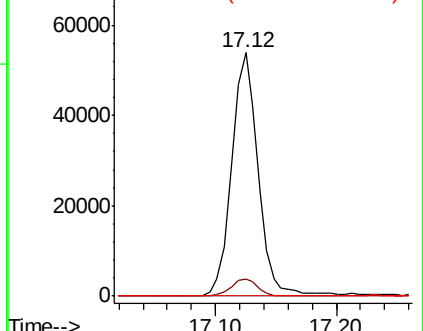
139 0.0 10.8 16.2#

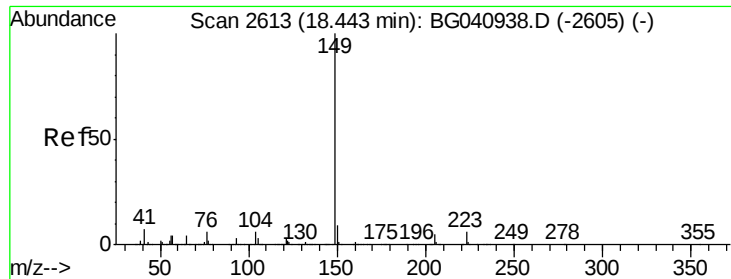


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#74

Di-n-butylphthalate

Concen: 7.066 ng

RT: 17.72 min Scan# 2491

Delta R.T. -0.69 min

Lab File: BG041176.D

Acq: 10 Jun 2019 23:21

Instrument :

BNA_G

ClientSampleId :

B-01-(0-37)COMPMSD

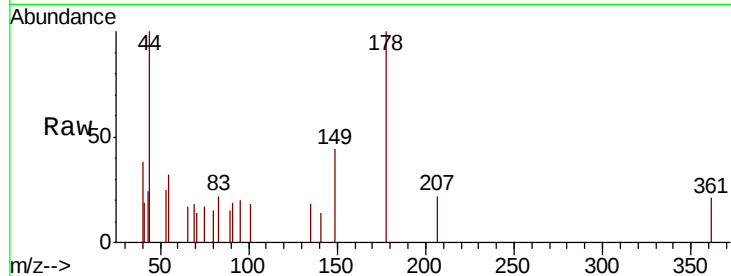
Tgt Ion:149 Resp: 710

Ion Ratio Lower Upper

149 100

150 0.0 7.4 11.2#

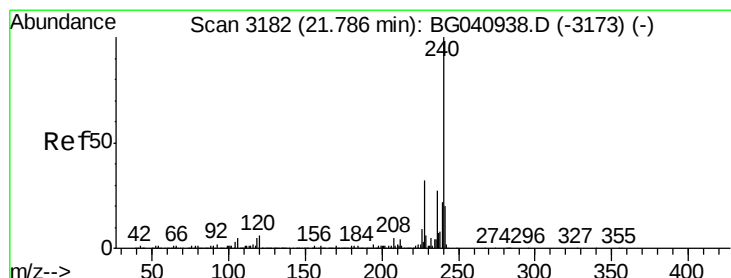
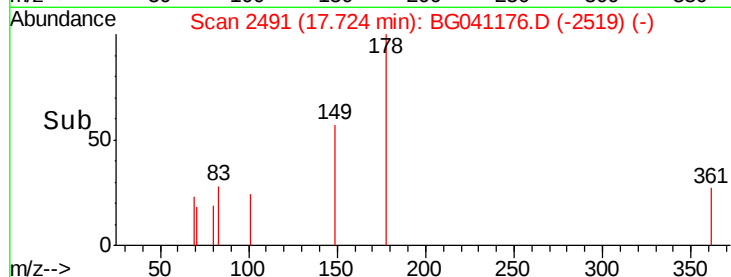
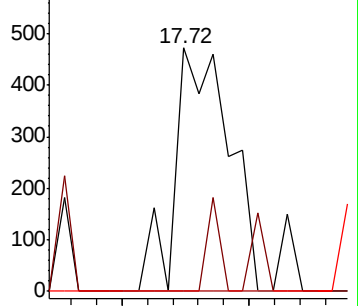
104 0.0 5.0 7.4#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 20.83 min Scan# 3020

Delta R.T. -0.93 min

Lab File: BG041176.D

Acq: 10 Jun 2019 23:21

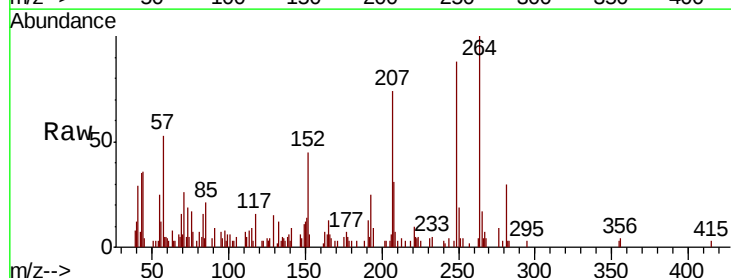
Tgt Ion:240 Resp: 55

Ion Ratio Lower Upper

240 100

120 0.0 4.5 6.7#

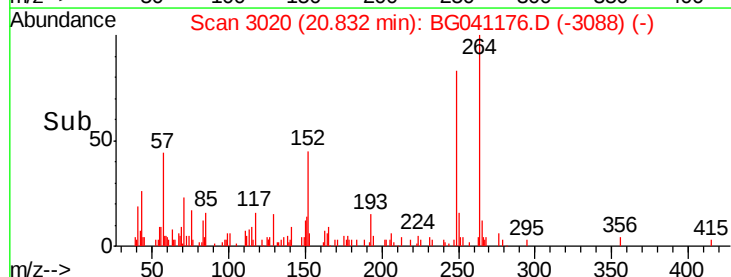
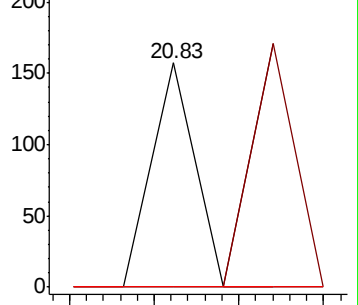
236 0.0 21.3 31.9#

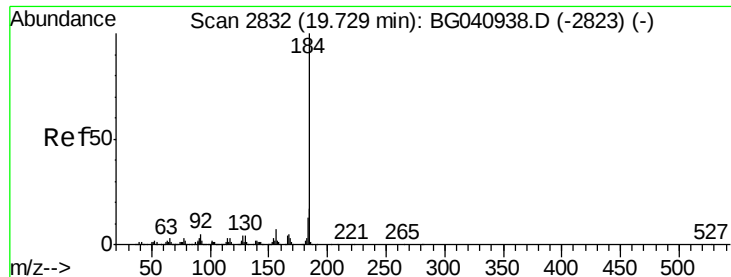


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 41.919 ng

RT: 18.84 min Scan# 2681

Delta R.T. -0.87 min

Lab File: BG041176.D

Acq: 10 Jun 2019 23:21

Instrument :

BNA_G

ClientSampleId :

B-01-(0-37)COMPMSD

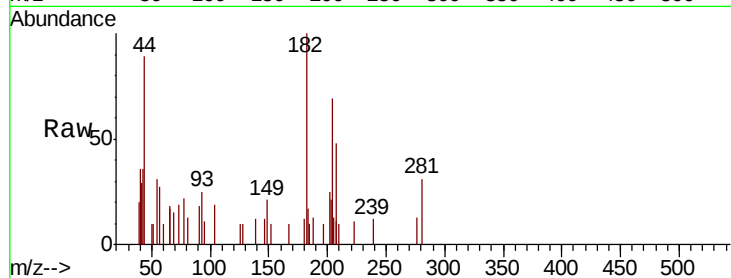
Tgt Ion:184 Resp: 55

Ion Ratio Lower Upper

184 100

185 0.0 13.3 19.9#

183 170.7 10.7 16.1#

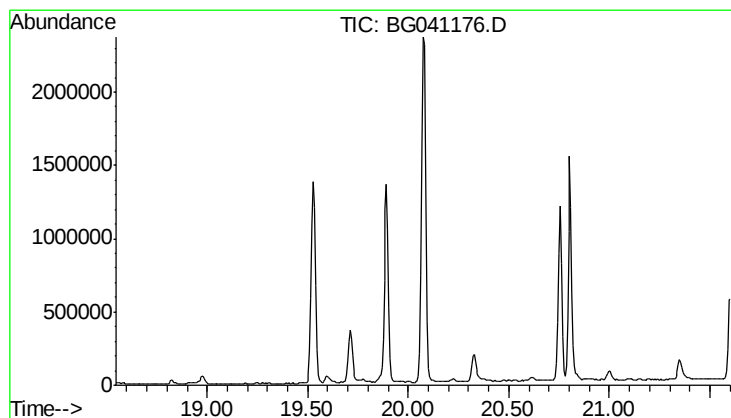
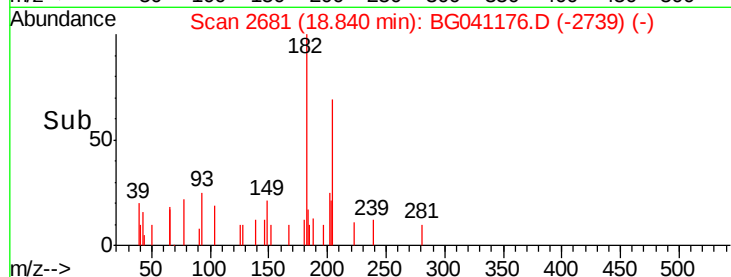
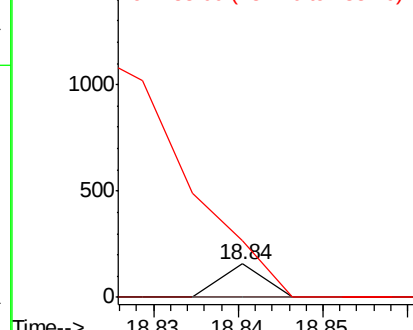


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#79

Terphenyl-d14

Concen: 0.000 ng

Expected RT: 20.07 min

Lab File: BG041176.D

Acq: 10 Jun 2019 23:21

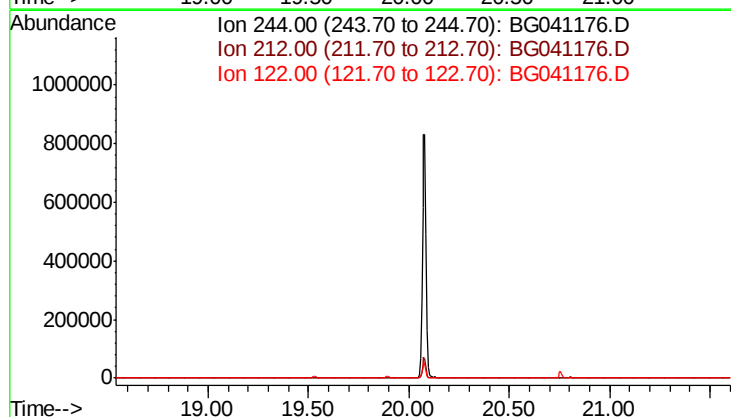
Tgt Ion: 244

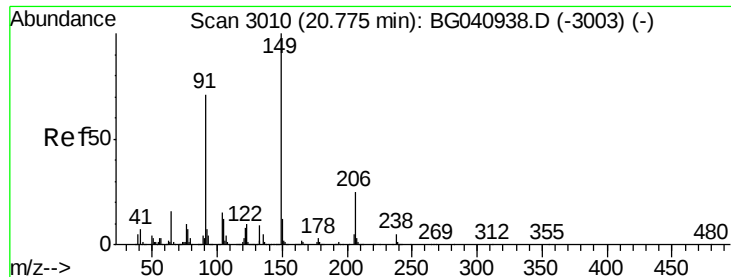
Sig Exp Ratio

244 100

212 8.7

122 6.7

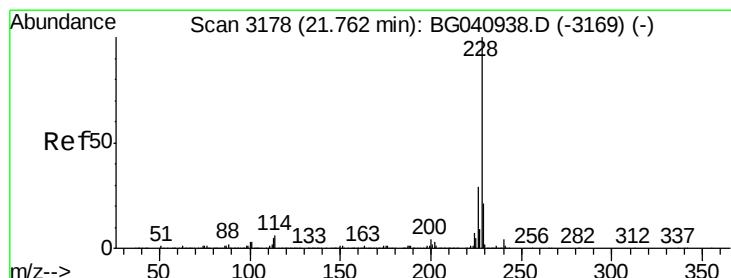
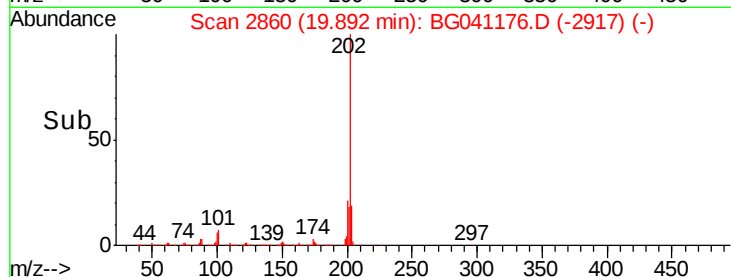
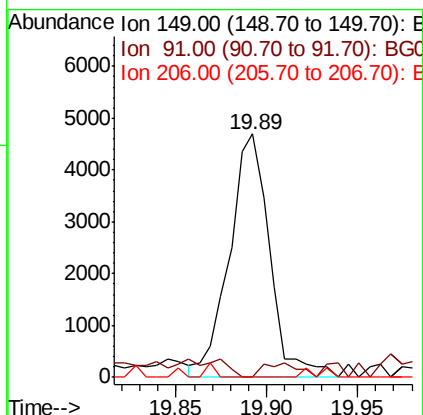
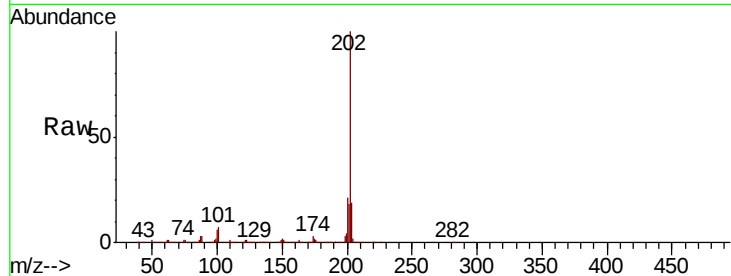




#80
Butylbenzylphthalate
Concen: 5202.753 ng
RT: 19.89 min Scan# 2860
Delta R.T. -0.86 min
Lab File: BG041176.D
Acq: 10 Jun 2019 23:21

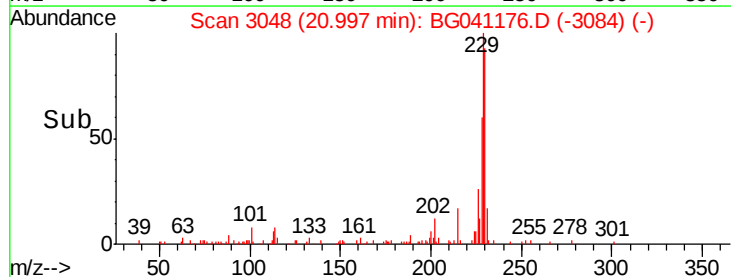
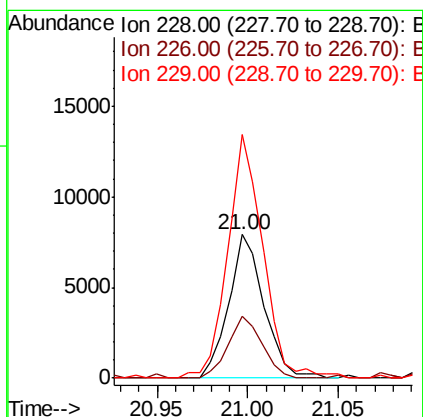
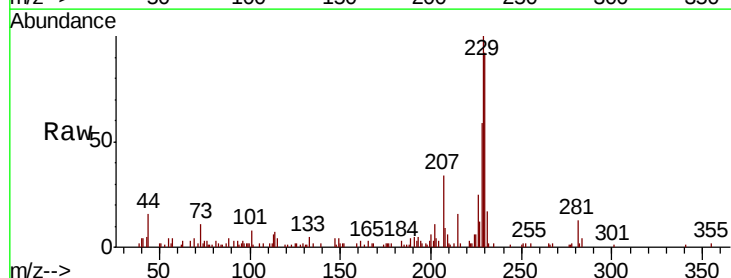
Instrument :
BNA_G
ClientSampleId :
B-01-(0-37)COMPMSD

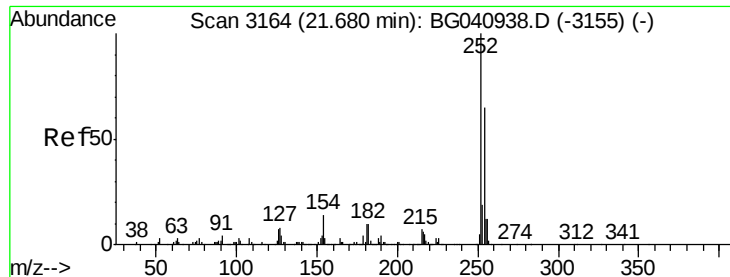
Tgt Ion:149 Resp: 7239
Ion Ratio Lower Upper
149 100
91 0.0 56.5 84.7#
206 0.0 20.3 30.5#



#81
Benzo(a)anthracene
Concen: 2935.696 ng
RT: 21.00 min Scan# 3048
Delta R.T. -0.74 min
Lab File: BG041176.D
Acq: 10 Jun 2019 23:21

Tgt Ion:228 Resp: 10748
Ion Ratio Lower Upper
228 100
226 42.7 23.5 35.3#
229 169.4 16.7 25.1#





#82

3,3'-Dichlorobenzidine

Concen: 100.178 ng

RT: 20.73 min Scan# 3003

Delta R.T. -0.92 min

Lab File: BG041176.D

Acq: 10 Jun 2019 23:21

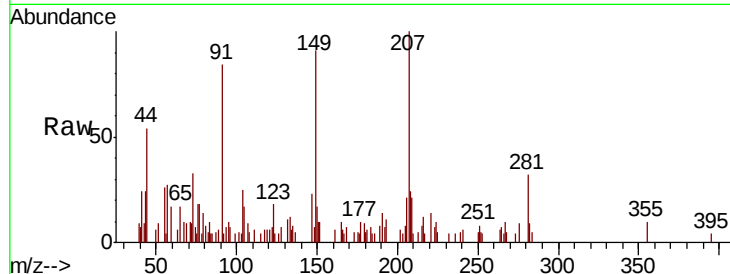
Instrument :

BNA_G

ClientSampleId :

B-01-(0-37)COMPMSD

Tgt Ion:	252	Resp:	129
Ion Ratio	Lower	Upper	
252	100		
254	0.0	52.1	78.1#
126	97.8	5.5	8.3#

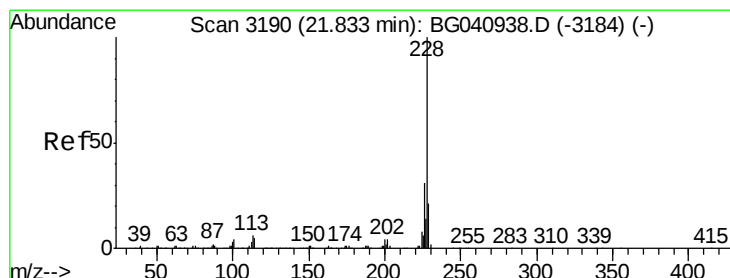
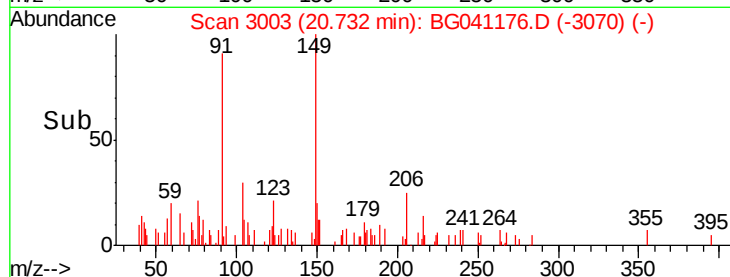
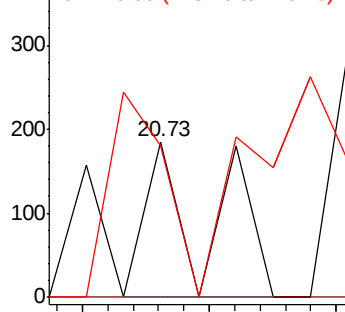


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#83

Chrysene

Concen: 3067.731 ng

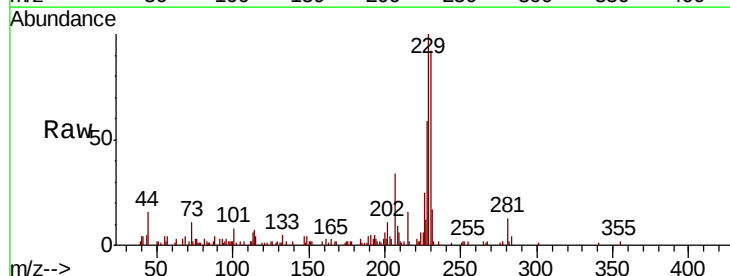
RT: 21.00 min Scan# 3048

Delta R.T. -0.81 min

Lab File: BG041176.D

Acq: 10 Jun 2019 23:21

Tgt Ion:	228	Resp:	10748
Ion Ratio	Lower	Upper	
228	100		
226	42.7	24.6	37.0#
229	169.4	16.6	24.8#

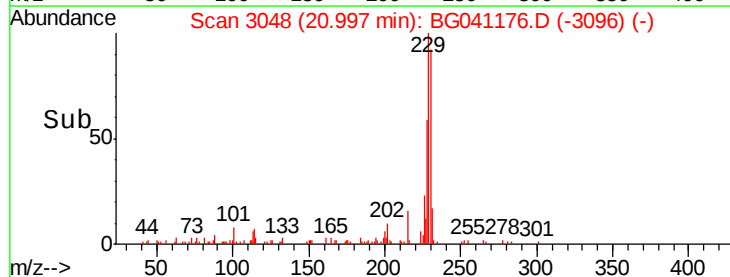
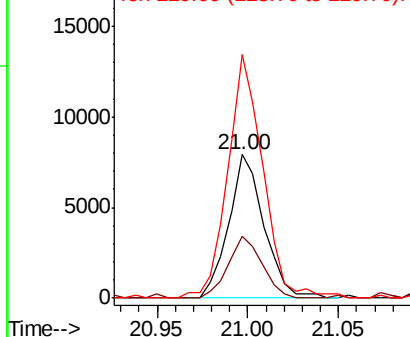


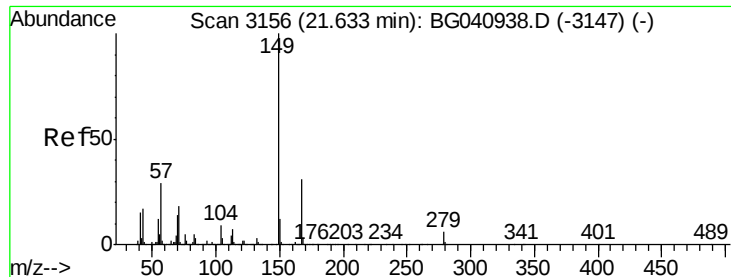
Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 167649.802 ng

RT: 20.76 min Scan# 3007

Delta R.T. -0.85 min

Lab File: BG041176.D

Acq: 10 Jun 2019 23:21

Instrument :

BNA_G

ClientSampleId :

B-01-(0-37)COMPMSD

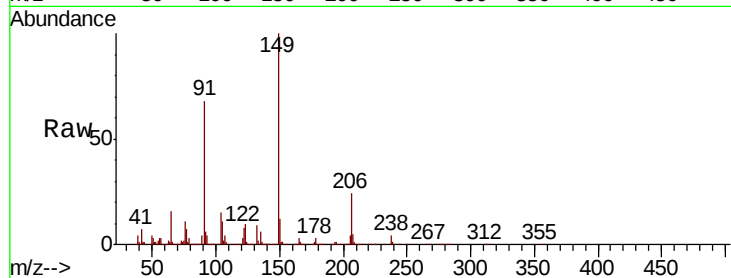
Tgt Ion:149 Resp: 328370

Ion Ratio Lower Upper

149 100

167 0.4 24.6 37.0#

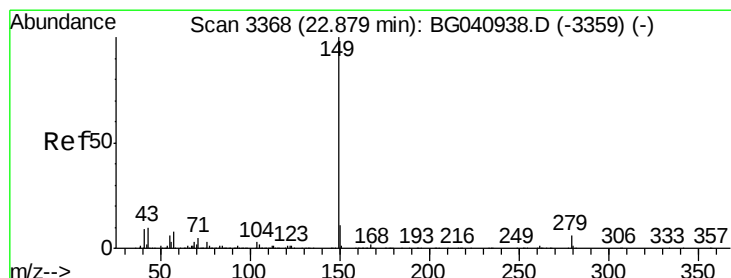
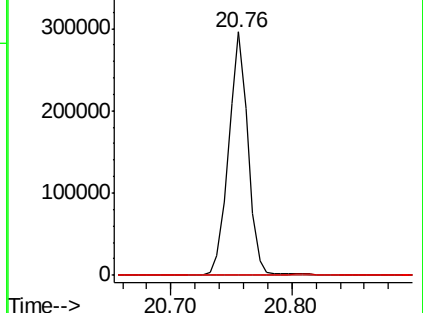
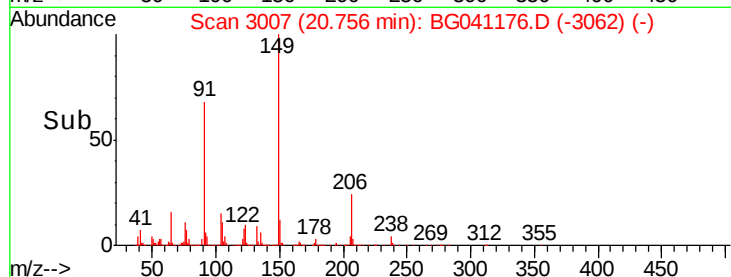
279 0.0 5.0 7.6#



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



#85

Di-n-octyl phthalate

Concen: 139205.896 ng

RT: 21.61 min Scan# 3152

Delta R.T. -1.24 min

Lab File: BG041176.D

Acq: 10 Jun 2019 23:21

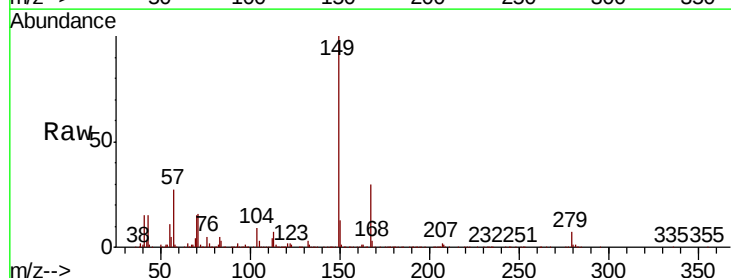
Tgt Ion:149 Resp: 454097

Ion Ratio Lower Upper

149 100

167 29.9 1.4 2.0#

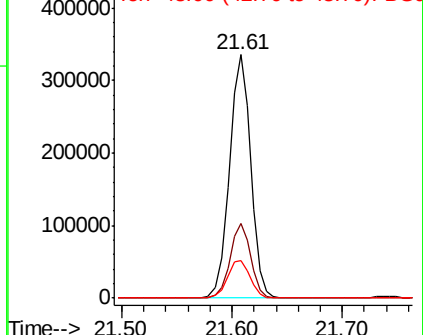
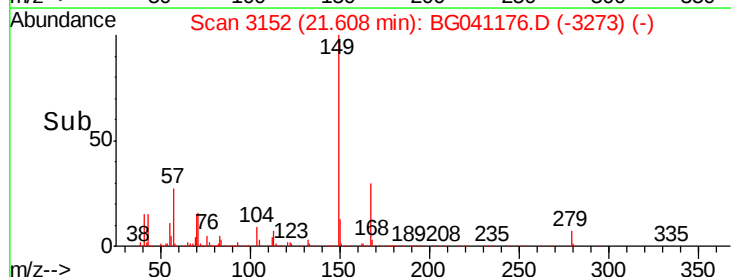
43 16.2 8.1 12.1#

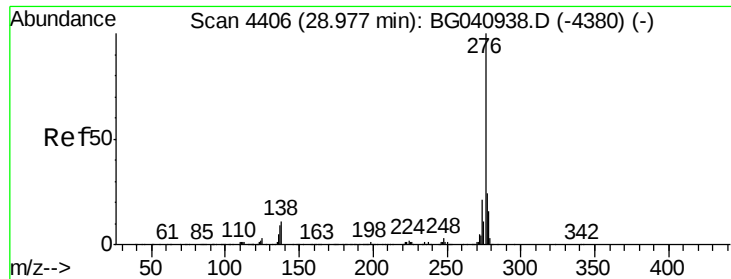


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC





#86

Indeno(1,2,3-cd)pyrene

Concen: 13.980 ng

RT: 27.67 min Scan# 4183

Delta R.T. -1.24 min

Lab File: BG041176.D

Acq: 10 Jun 2019 23:21

Instrument :

BNA_G

ClientSampleId :

B-01-(0-37)COMPMSD

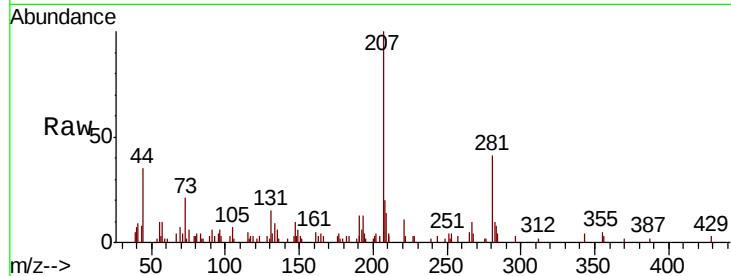
Tgt Ion:276 Resp: 60

Ion Ratio Lower Upper

276 100

138 0.0 5.7 8.5#

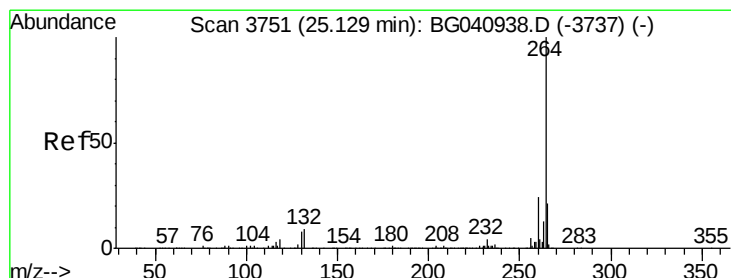
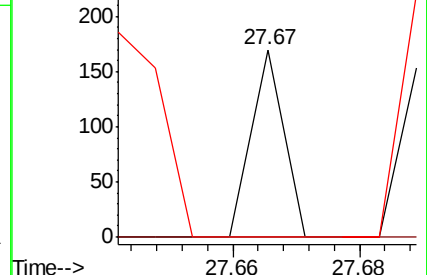
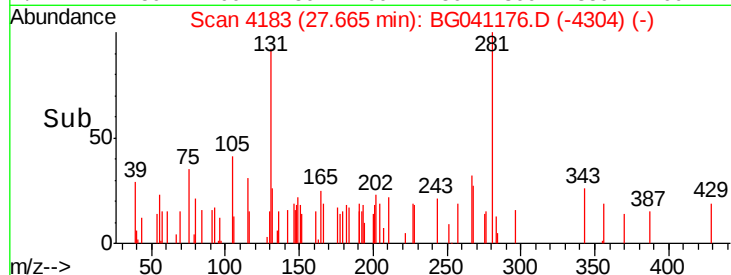
277 0.0 20.8 31.2#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 24.01 min Scan# 3560

Delta R.T. -1.08 min

Lab File: BG041176.D

Acq: 10 Jun 2019 23:21

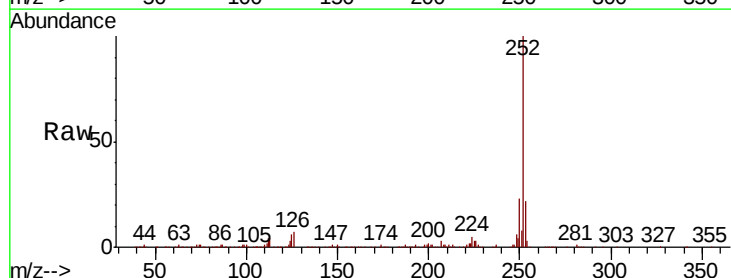
Tgt Ion:264 Resp: 74

Ion Ratio Lower Upper

264 100

260 0.0 19.0 28.4#

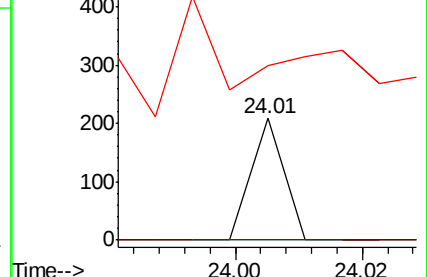
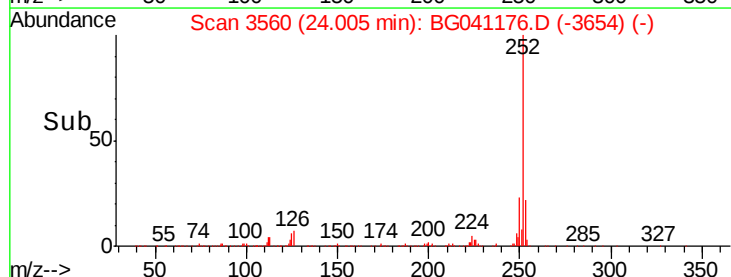
265 143.5 17.0 25.4#

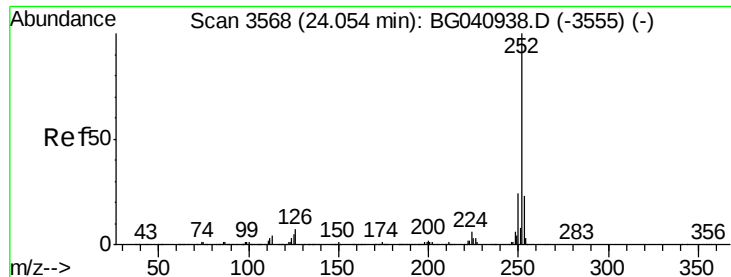


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#88

Benzo(b)fluoranthene

Concen: 77.088 ng

RT: 22.99 min Scan# 3387

Delta R.T. -1.03 min

Lab File: BG041176.D

Acq: 10 Jun 2019 23:21

Instrument :

BNA_G

ClientSampleId :

B-01-(0-37)COMPMSD

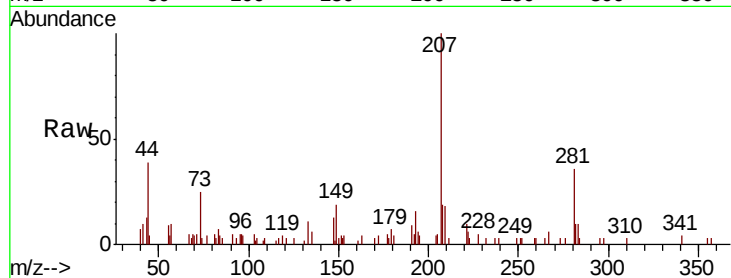
Tgt Ion:252 Resp: 346

Ion Ratio Lower Upper

252 100

253 0.0 18.4 27.6#

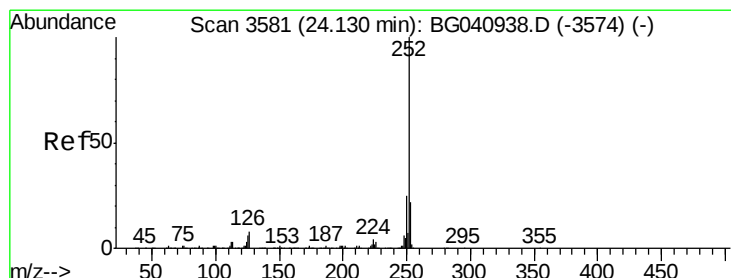
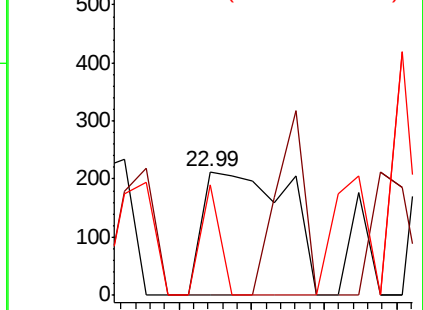
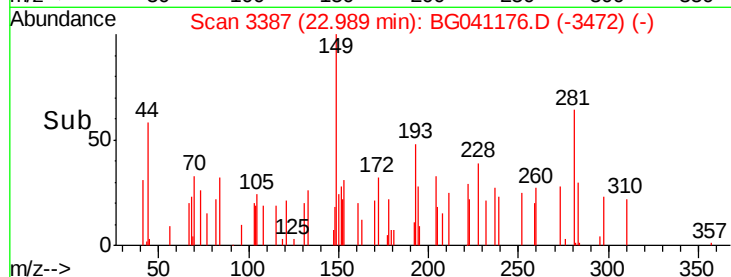
125 89.7 4.3 6.5#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#89

Benzo(k)fluoranthene

Concen: 56.737 ng

RT: 23.05 min Scan# 3397

Delta R.T. -1.04 min

Lab File: BG041176.D

Acq: 10 Jun 2019 23:21

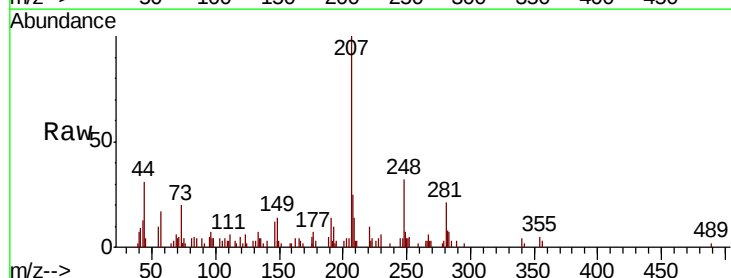
Tgt Ion:252 Resp: 252

Ion Ratio Lower Upper

252 100

253 0.0 17.8 26.6#

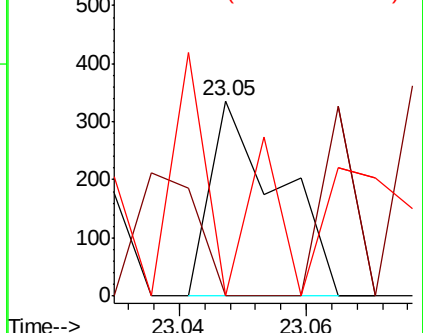
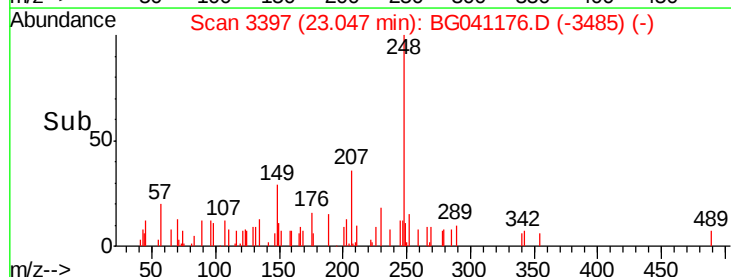
125 0.0 4.7 7.1#

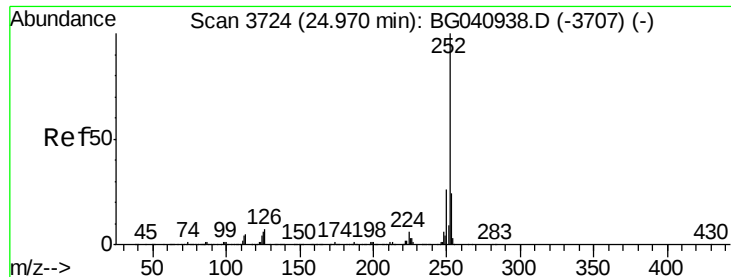


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Benzo(a)pyrene

Concen: 193099.540 ng

RT: 24.02 min Scan# 3563

Delta R.T. -0.90 min

Lab File: BG041176.D

Acq: 10 Jun 2019 23:21

Instrument :

BNA_G

ClientSampleId :

B-01-(0-37)COMPMSD

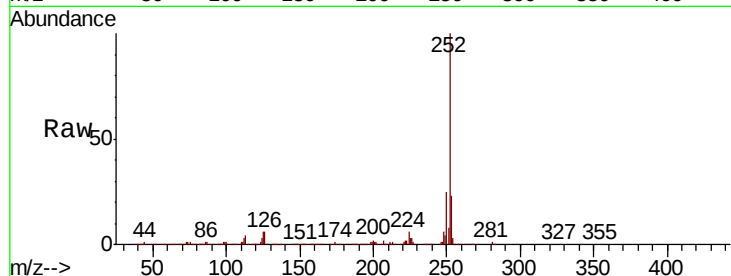
Tgt Ion:252 Resp: 826892

Ion Ratio Lower Upper

252 100

253 22.8 19.5 29.3

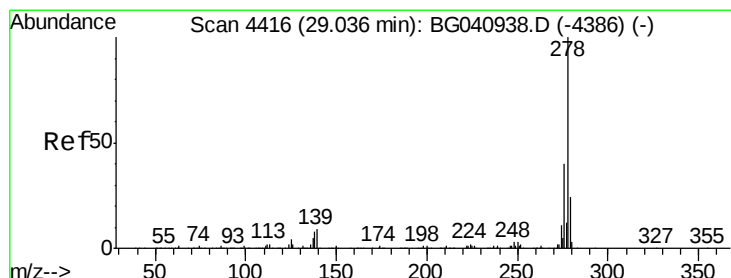
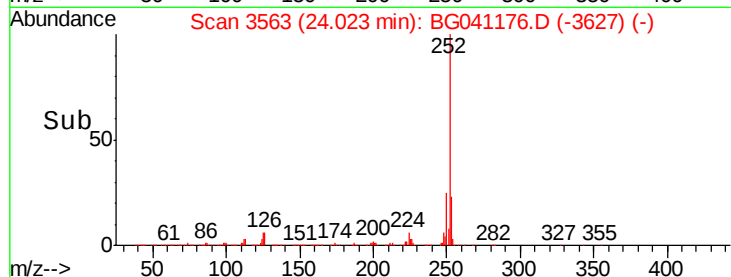
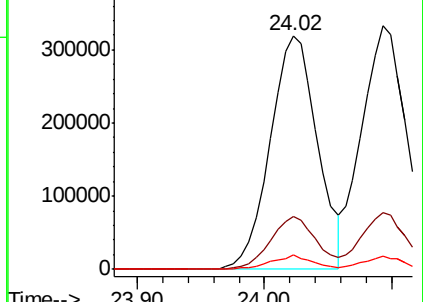
125 6.0 5.1 7.7



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#91

Dibenzo(a,h)anthracene

Concen: 15.892 ng

RT: 27.82 min Scan# 4209

Delta R.T. -1.14 min

Lab File: BG041176.D

Acq: 10 Jun 2019 23:21

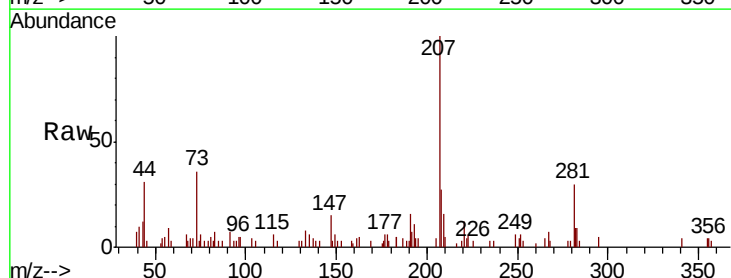
Tgt Ion:278 Resp: 68

Ion Ratio Lower Upper

278 100

139 83.9 7.1 10.7#

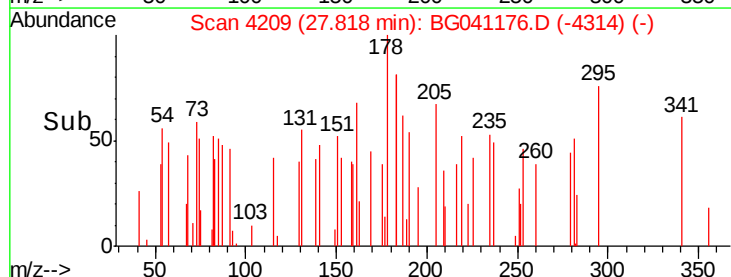
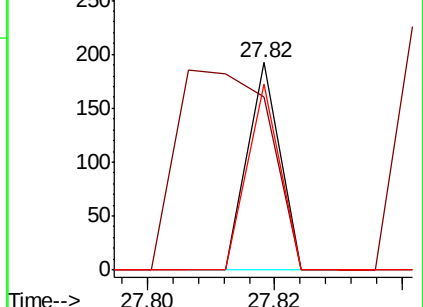
279 89.6 19.4 29.2#

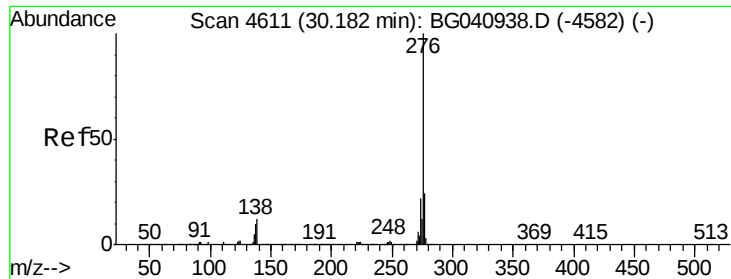


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#92

Benzo(g,h,i)perylene

Concen: 200827.014 ng

RT: 28.92 min Scan# 4397

Delta R.T. -1.19 min

Lab File: BG041176.D

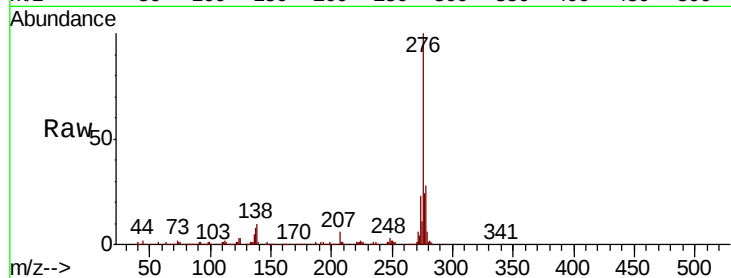
Acq: 10 Jun 2019 23:21

Instrument :

BNA_G

ClientSampleId :

B-01-(0-37)COMPMSD



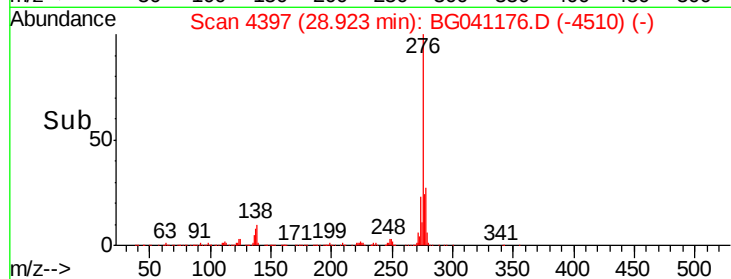
Tgt Ion: 276 Resp: 834838

Ion Ratio Lower Upper

276 100

277 24.1 19.4 29.0

138 9.9 9.7 14.5



Abundance Ion 276.00 (275.70 to 276.70): E

150000 Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

28.92

100000

50000

0

Time--> 28.60 28.80 29.00 29.20