

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022519\
 Data File : BG039589.D
 Acq On : 25 Feb 2019 16:35
 Operator : JU/SJ
 Sample : K1556-02MSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 COMPMSSD

Quant Time: Feb 25 17:15:29 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG012919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 25 16:56:03 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	52221	20.00	ng	0.00
21) Naphthalene-d8	10.99	136	233790	20.00	ng	0.00
39) Acenaphthene-d10	14.80	164	161454	20.00	ng	0.00
64) Phenanthrene-d10	17.54	188	386765	20.00	ng	0.00
76) Chrysene-d12	21.83	240	384760	20.00	ng	0.00
87) Perylene-d12	25.21	264	373611	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.71	112	438344	143.66	ng	0.00
7) Phenol-d6	7.32	99	583796	129.99	ng	0.00
23) Nitrobenzene-d5	9.35	82	422293	112.84	ng	0.00
42) 2,4,6-Tribromophenol	16.28	330	269251	154.87	ng	0.00
45) 2-Fluorobiphenyl	13.42	172	1002047	89.03	ng	0.00
79) Terphenyl-d14	20.13	244	1589432	87.44	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.61	88	52487	39.326	ng	# 24
3) Pyridine	4.02	79	141251	39.973	ng	95
4) n-Nitrosodimethylamine	3.93	42	78512	44.427	ng	# 79
6) Aniline	7.49	93	103456	18.390	ng	96
8) 2-Chlorophenol	7.73	128	188807	56.610	ng	98
9) Benzaldehyde	7.31	77	117136	60.389	ng	97
10) Phenol	7.35	94	217595	46.477	ng	96
11) bis(2-Chloroethyl)ether	7.59	93	182402	49.305	ng	96
12) 1,3-Dichlorobenzene	8.06	146	193853	47.979	ng	94
13) 1,4-Dichlorobenzene	8.20	146	198936	49.399	ng	99
14) 1,2-Dichlorobenzene	8.53	146	194753	49.956	ng	99
15) Benzyl Alcohol	8.41	79	183259	51.974	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.69	45	350337	41.935	ng	100
17) 2-Methylphenol	8.60	107	164202	54.197	ng	98
18) Hexachloroethane	9.26	117	68859	49.700	ng	98
19) n-Nitroso-di-n-propylamine	8.97	70	157180	49.308	ng	90
20) 3+4-Methylphenols	8.93	107	226815	54.365	ng	98
22) Acetophenone	9.00	105	301471	48.005	ng	# 95
24) Nitrobenzene	9.39	77	231533	57.268	ng	94
25) Isophorone	9.90	82	452070	54.512	ng	96
26) 2-Nitrophenol	10.10	139	110265	63.150	ng	95
27) 2,4-Dimethylphenol	10.14	122	194534	57.988	ng	96
28) bis(2-Chloroethoxy)methane	10.38	93	269297	52.720	ng	97
29) 2,4-Dichlorophenol	10.63	162	220986	60.272	ng	94
30) 1,2,4-Trichlorobenzene	10.85	180	212885	51.717	ng	98
31) Naphthalene	11.04	128	615184	53.041	ng	98
32) Benzoic acid	10.14	122	194534	80.933	ng	# 15
33) 4-Chloroaniline	11.15	127	27010	5.023	ng	94
34) Hexachlorobutadiene	11.30	225	137949	50.392	ng	96
35) Caprolactam	11.93	113	53682	35.382	ng	90
36) 4-Chloro-3-methylphenol	12.26	107	233063	54.964	ng	94
37) 2-Methylnaphthalene	12.63	142	471396	54.876	ng	95
38) 1-Methylnaphthalene	12.85	142	452840	54.687	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.99	216	261180	50.843	ng	99

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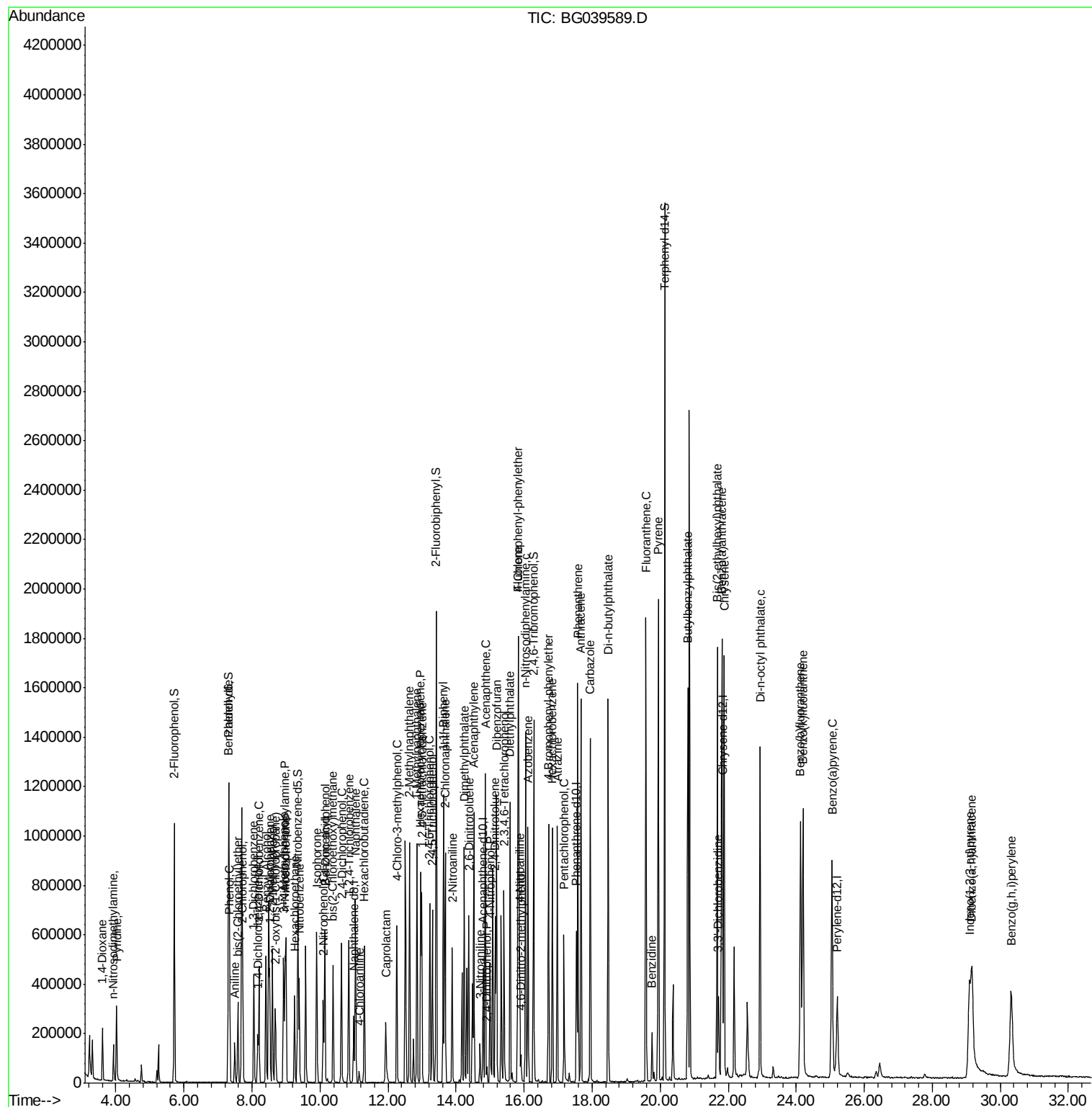
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.96	237	255262	91.190	ng	100
43) 2,4,6-Trichlorophenol	13.23	196	181598	57.495	ng	96
44) 2,4,5-Trichlorophenol	13.30	196	195303	58.997	ng	99
46) 1,1'-Biphenyl	13.63	154	637995	47.493	ng	99
47) 2-Chloronaphthalene	13.68	162	496377	49.119	ng	98
48) 2-Nitroaniline	13.89	65	171728	57.228	ng	93
49) Acenaphthylene	14.52	152	790454	51.838	ng	99
50) Dimethylphthalate	14.24	163	653747	50.135	ng	99
51) 2,6-Dinitrotoluene	14.37	165	149336	59.463	ng	91
52) Acenaphthene	14.86	154	483137	48.811	ng	98
53) 3-Nitroaniline	14.71	138	39580	19.028	ng	# 89
54) 2,4-Dinitrophenol	14.90	184	16309	23.780	ng	95
55) Dibenzofuran	15.19	168	789326	49.737	ng	98
56) 4-Nitrophenol	15.00	139	146409	63.395	ng	91
57) 2,4-Dinitrotoluene	15.15	165	206821	63.277	ng	87
58) Fluorene	15.84	166	624404	52.779	ng	96
59) 2,3,4,6-Tetrachlorophenol	15.41	232	174160	56.189	ng	96
60) Diethylphthalate	15.59	149	657118	48.740	ng	97
61) 4-Chlorophenyl-phenylether	15.82	204	334892	49.993	ng	96
62) 4-Nitroaniline	15.87	138	151845	54.872	ng	89
63) Azobenzene	16.12	77	592496	44.963	ng	97
65) 4,6-Dinitro-2-methylphenol	15.91	198	25409	22.459	ng	94
66) n-Nitrosodiphenylamine	16.04	169	567954	48.295	ng	98
67) 4-Bromophenyl-phenylether	16.72	248	223613	52.115	ng	94
68) Hexachlorobenzene	16.83	284	227594	52.869	ng	96
69) Atrazine	16.98	200	211375	49.184	ng	98
70) Pentachlorophenol	17.17	266	119943	40.088	ng	98
71) Phenanthrene	17.58	178	1026101	51.259	ng	98
72) Anthracene	17.67	178	1044997	52.998	ng	99
73) Carbazole	17.94	167	912088	46.351	ng	99
74) Di-n-butylphthalate	18.47	149	1098473	47.849	ng	99
75) Fluoranthene	19.58	202	1195536	51.455	ng	98
77) Benzidine	19.76	184	116997	9.275	ng	98
78) Pyrene	19.94	202	1207743	50.423	ng	97
80) Butylbenzylphthalate	20.81	149	516211	51.090	ng	93
81) Benzo(a)anthracene	21.81	228	1195093	52.566	ng	97
82) 3,3'-Dichlorobenzidine	21.72	252	134431	15.947	ng	99
83) Chrysene	21.88	228	1118738	51.692	ng	99
84) Bis(2-ethylhexyl)phthalate	21.67	149	718535	49.847	ng	97
85) Di-n-octyl phthalate	22.94	149	1196573	50.245	ng	96
86) Indeno(1,2,3-cd)pyrene	29.09	276	1071045	46.125	ng	# 96
88) Benzo(b)fluoranthene	24.13	252	1119357	54.937	ng	98
89) Benzo(k)fluoranthene	24.20	252	1166893	57.044	ng	99
90) Benzo(a)pyrene	25.05	252	1125503	57.357	ng	99
91) Dibenzo(a,h)anthracene	29.16	278	844202	45.939	ng	99
92) Benzo(g,h,i)perylene	30.32	276	874682	47.754	ng	99

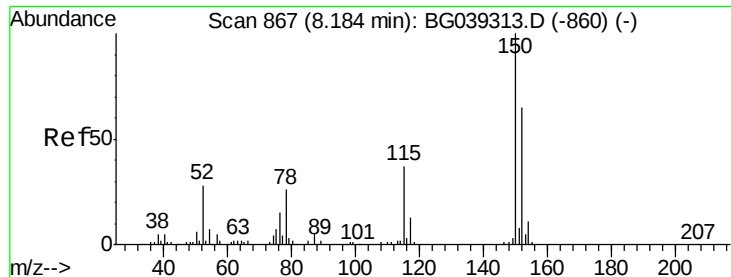
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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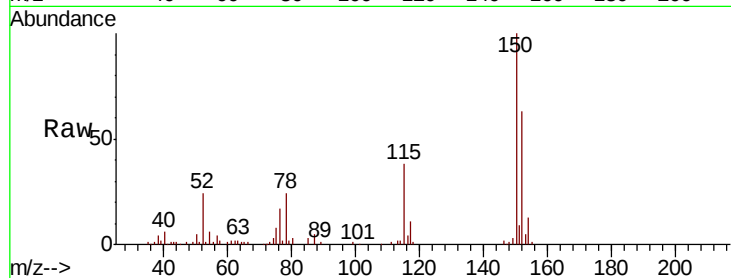


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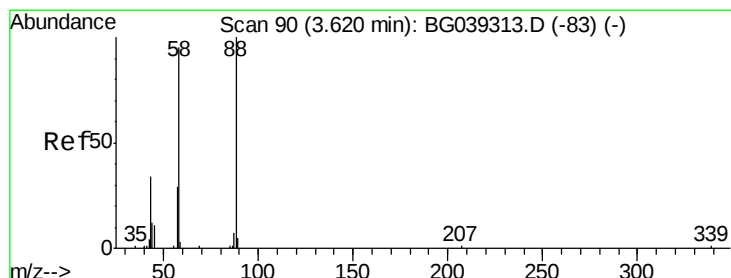
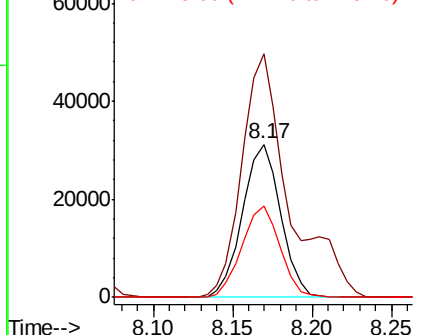
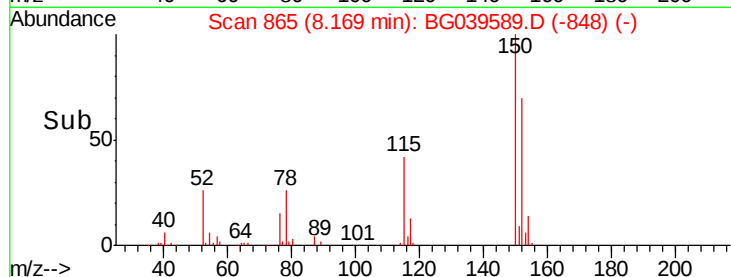
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.17 min Scan# 865
Delta R.T. -0.00 min
Lab File: BG039589.D
Acq: 25 Feb 2019 16:35

Instrument :
BNA_G
ClientSampleId :
COMPMDS

Tot Ion:152 Resp: 52221
Ion Ratio Lower Upper
152 100
150 158.9 123.7 185.5
115 59.9 45.9 68.9



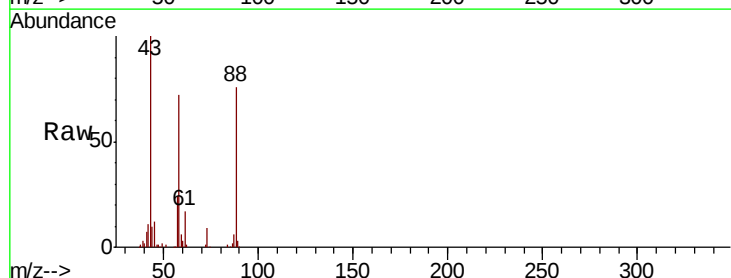
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



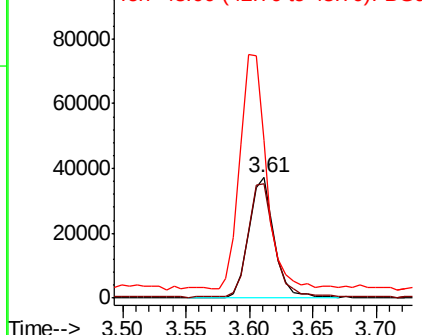
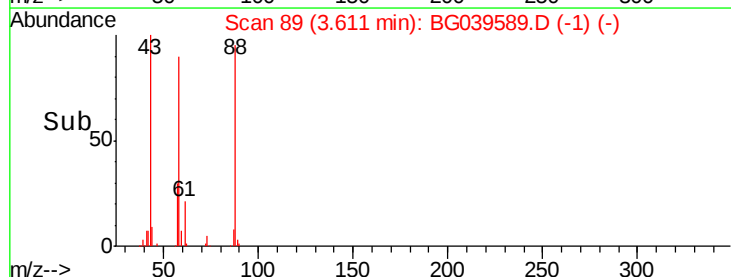
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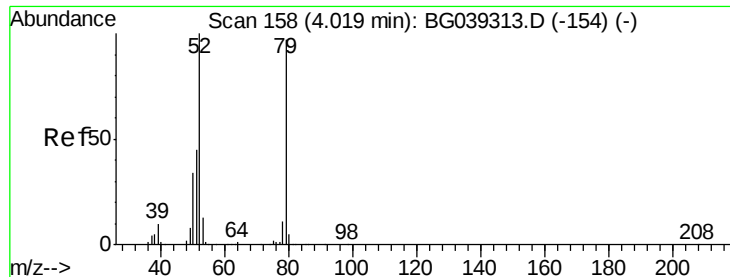
1,4-Dioxane
Concen: 39.326 ng
RT: 3.61 min Scan# 89
Delta R.T. 0.01 min
Lab File: BG039589.D
Acq: 25 Feb 2019 16:35

Tgt Ion: 88 Resp: 52487
Ion Ratio Lower Upper
88 100
58 96.0 81.1 121.7
43 198.3 31.4 47.0#



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

Pvridine

Concen: 39.973 ng

RT: 4.02 min Scan# 158

Delta R.T. 0.01 min

Lab File: BG039589.D

Acq: 25 Feb 2019 16:35

Instrument :

BNA_G

ClientSampleId :

COMPMSD

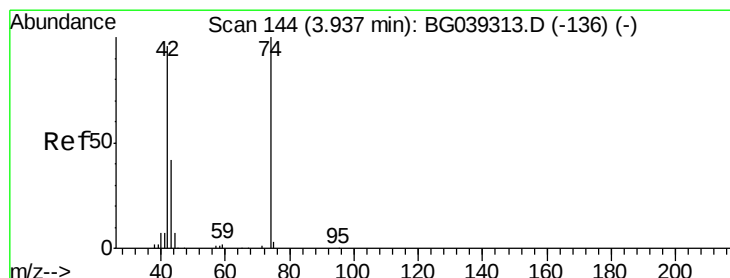
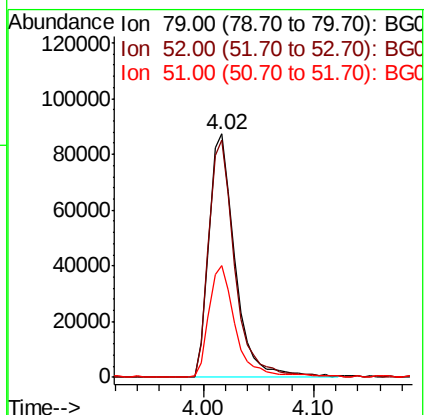
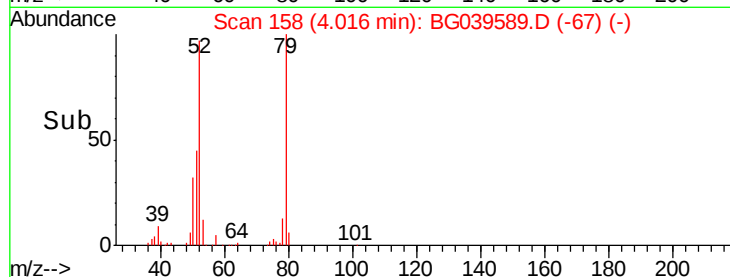
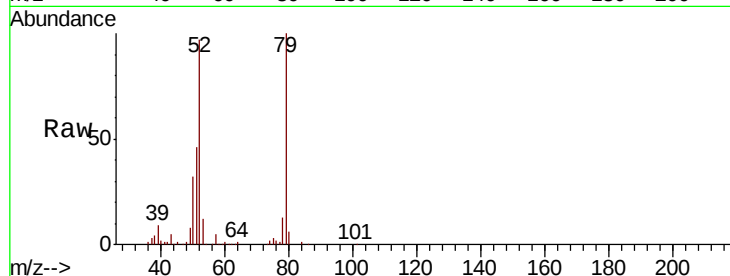
Tot Ion: 79 Resp: 141251

Ion Ratio Lower Upper

79 100

52 97.2 82.6 124.0

51 45.8 37.5 56.3



#4

n-Nitrosodimethylamine

Concen: 44.427 ng

RT: 3.93 min Scan# 143

Delta R.T. -0.00 min

Lab File: BG039589.D

Acq: 25 Feb 2019 16:35

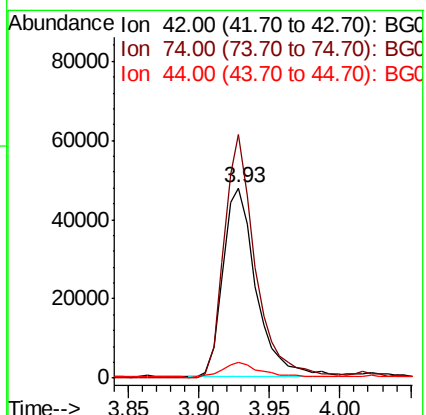
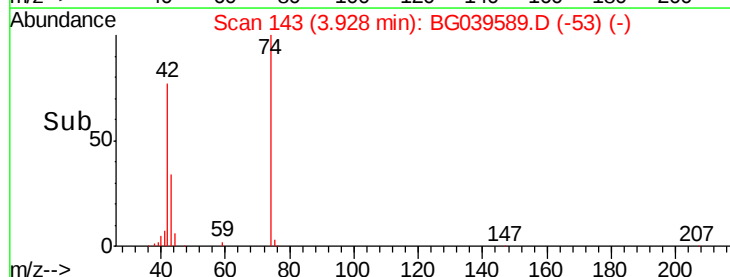
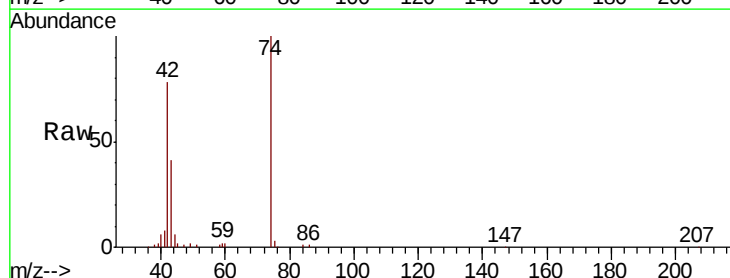
Tgt Ion: 42 Resp: 78512

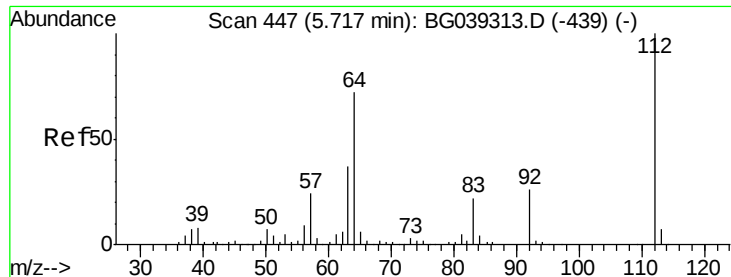
Ion Ratio Lower Upper

42 100

74 127.9 83.6 125.4#

44 8.1 6.9 10.3





#5

2-Fluorophenol

Concen: 143.664 ng

RT: 5.71 min Scan# 447

Delta R.T. -0.00 min

Lab File: BG039589.D

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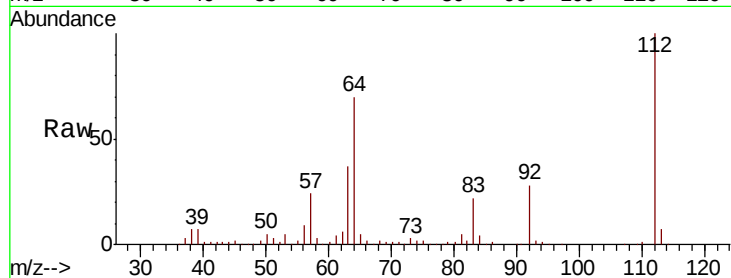
Tot Ion:112 Resp: 438344

Ion Ratio Lower Upper

112 100

64 69.7 57.8 86.8

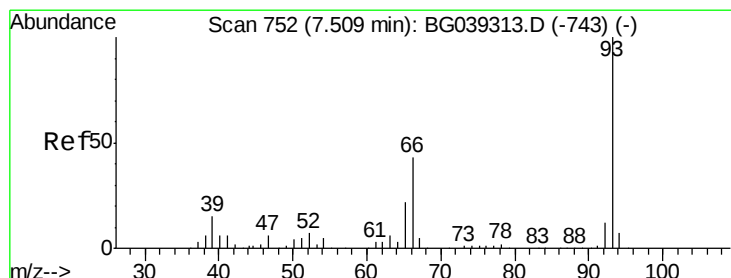
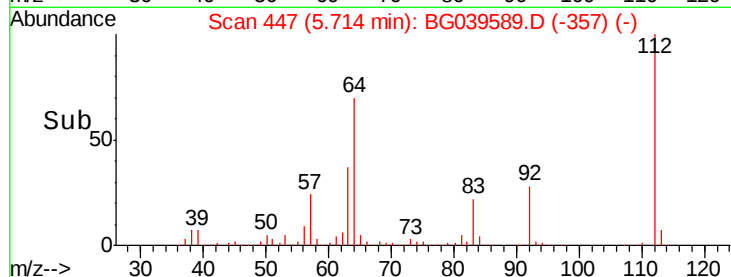
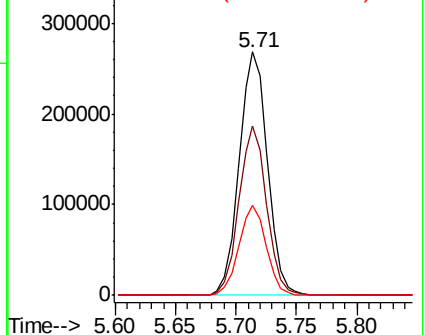
63 36.9 29.8 44.6



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: 18.390 ng

RT: 7.49 min Scan# 750

Delta R.T. -0.00 min

Lab File: BG039589.D

Acq: 25 Feb 2019 16:35

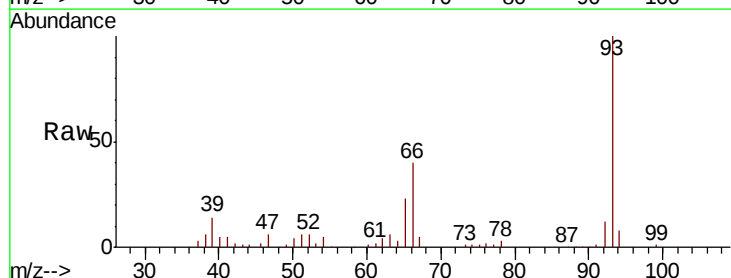
Tgt Ion: 93 Resp: 103456

Ion Ratio Lower Upper

93 100

66 39.7 34.2 51.4

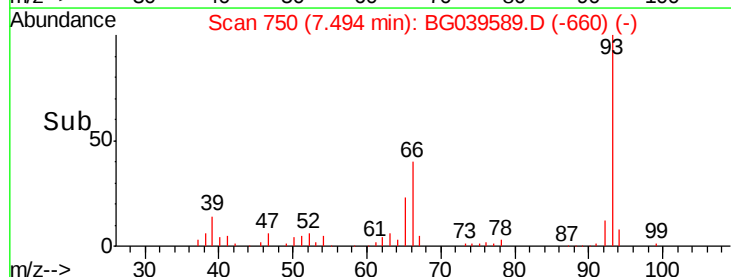
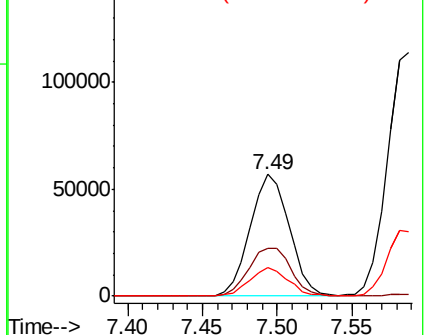
65 23.4 17.7 26.5

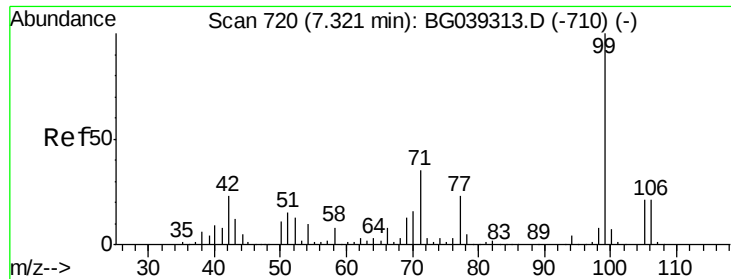


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 129.986 ng

RT: 7.32 min Scan# 720

Delta R.T. -0.00 min

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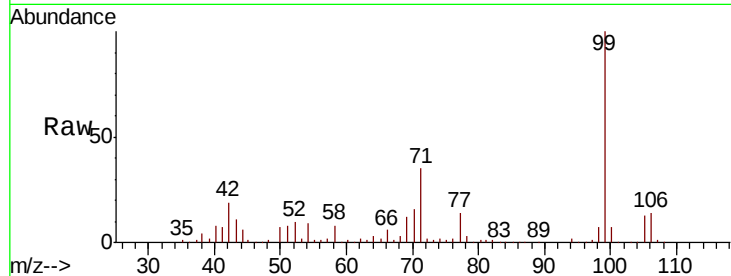
Tot Ion: 99 Resp: 583796

Ion Ratio Lower Upper

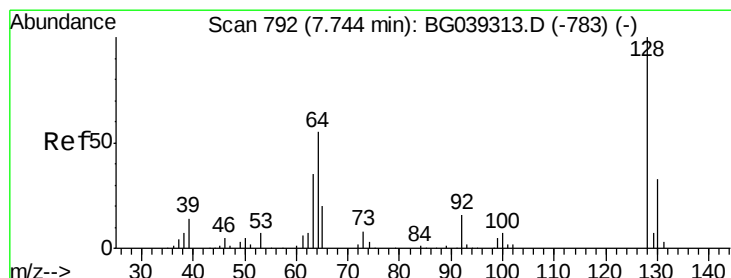
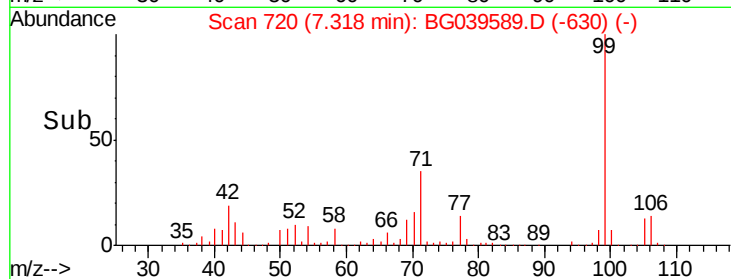
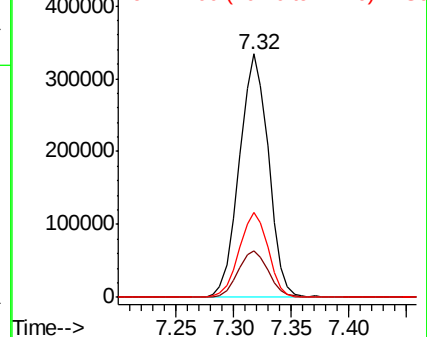
99 100

42 19.2 18.2 27.2

71 34.6 28.0 42.0



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: 56.610 ng

RT: 7.73 min Scan# 790

Delta R.T. -0.00 min

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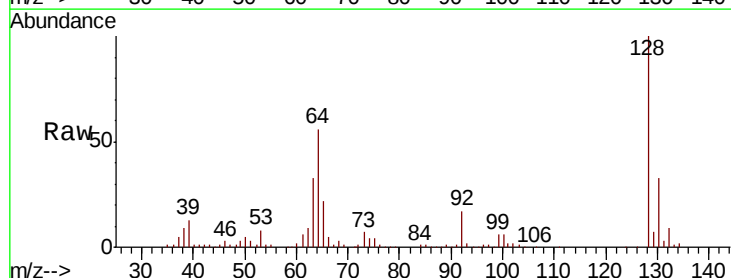
Tgt Ion: 128 Resp: 188807

Ion Ratio Lower Upper

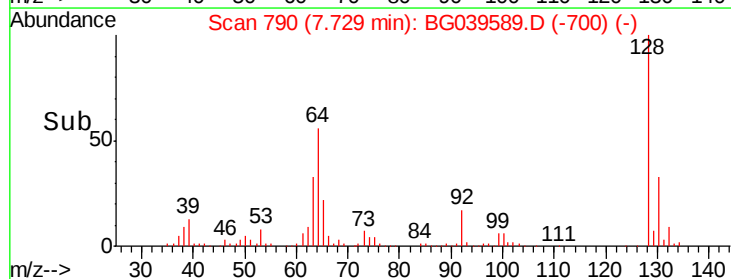
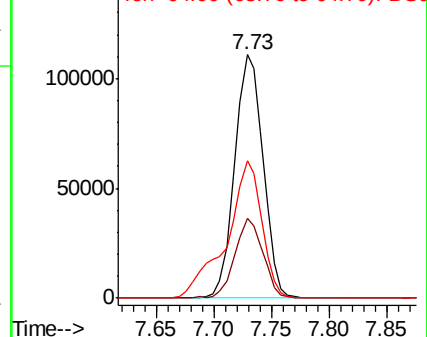
128 100

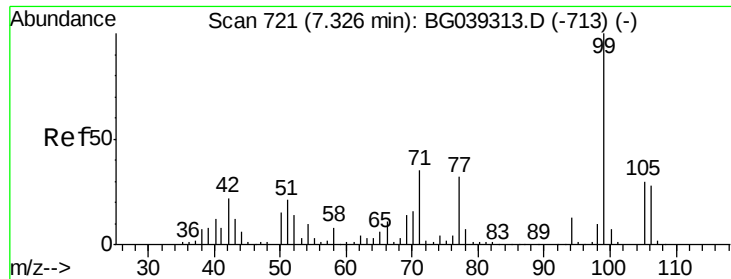
130 32.5 12.9 52.9

64 56.2 38.7 78.7



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: 60.389 ng

RT: 7.31 min Scan# 718

Delta R.T. -0.01 min

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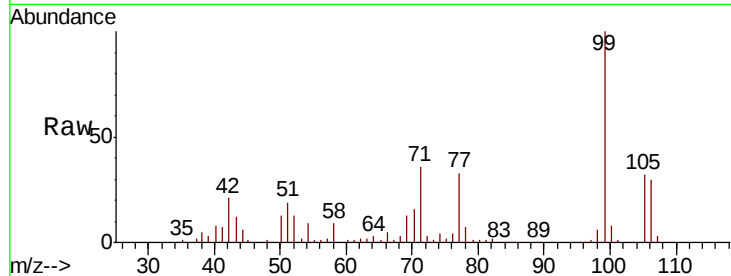
Tot Ion: 77 Resp: 117136

Ion Ratio Lower Upper

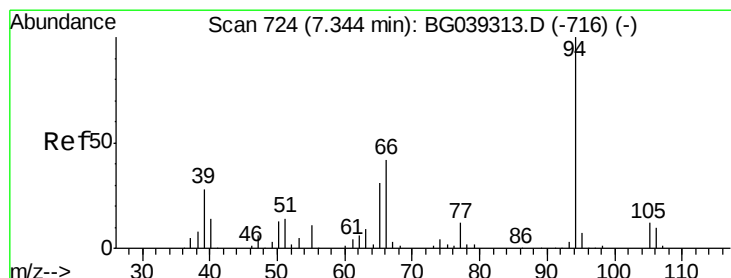
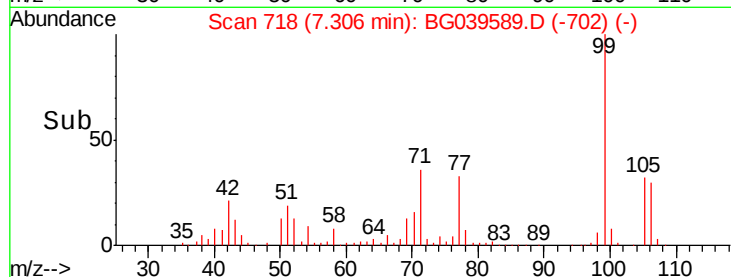
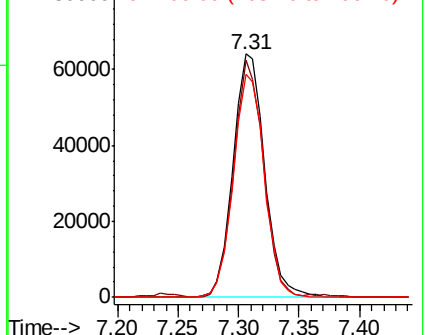
77 100

105 97.3 74.5 114.5

106 91.8 68.0 108.0



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: 46.477 ng

RT: 7.35 min Scan# 725

Delta R.T. 0.01 min

Lab File: BG039589.D

Acq: 25 Feb 2019 16:35

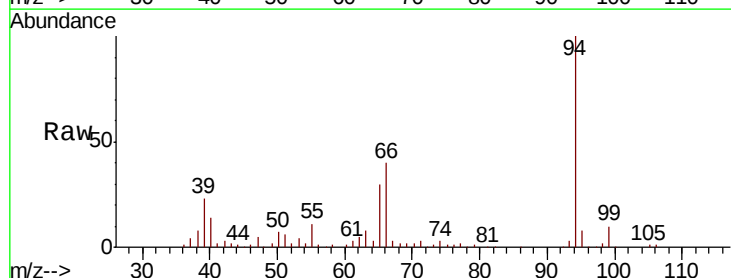
Tgt Ion: 94 Resp: 217595

Ion Ratio Lower Upper

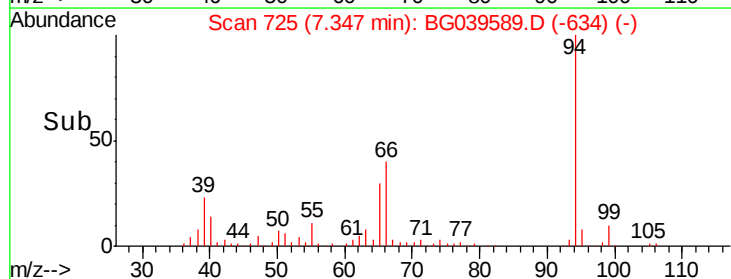
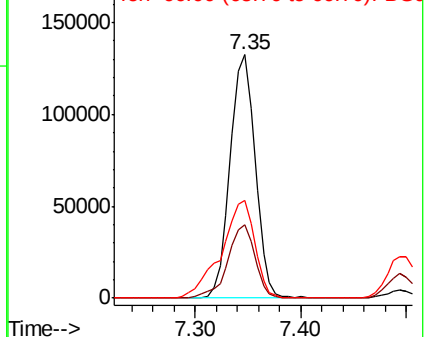
94 100

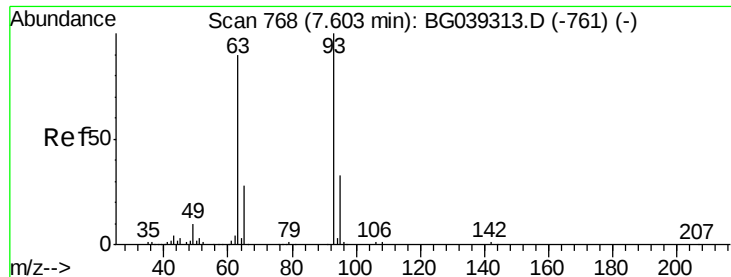
65 30.3 11.7 51.7

66 40.1 23.7 63.7



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: 49.305 ng

RT: 7.59 min Scan# 766

Delta R.T. 0.01 min

Lab File: BG039589.D

Acq: 25 Feb 2019 16:35

Instrument :

BNA_G

ClientSampleId :

COMPMSSD

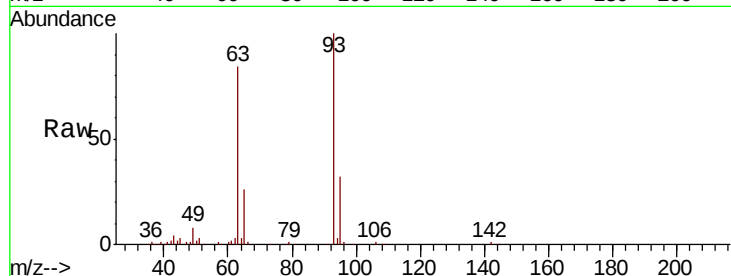
Tot Ion: 93 Resp: 182402

Ion Ratio Lower Upper

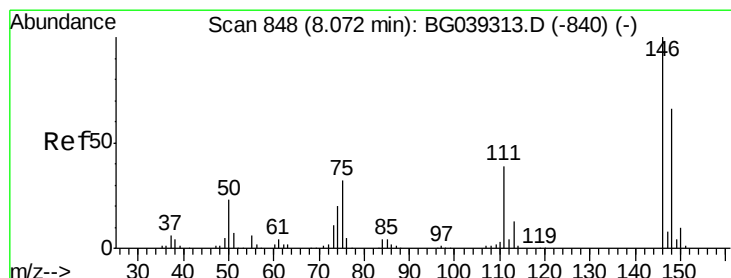
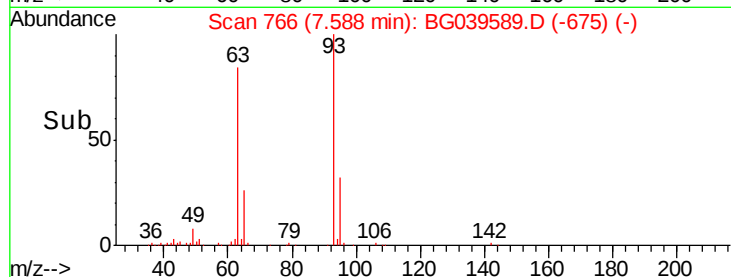
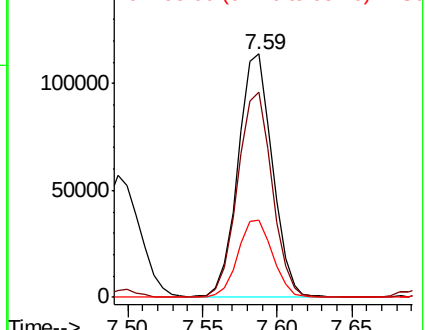
93 100

63 84.2 69.5 109.5

95 31.9 12.7 52.7



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC



#12

1,3-Dichlorobenzene

Concen: 47.979 ng

RT: 8.06 min Scan# 846

Delta R.T. -0.00 min

Lab File: BG039589.D

Acq: 25 Feb 2019 16:35

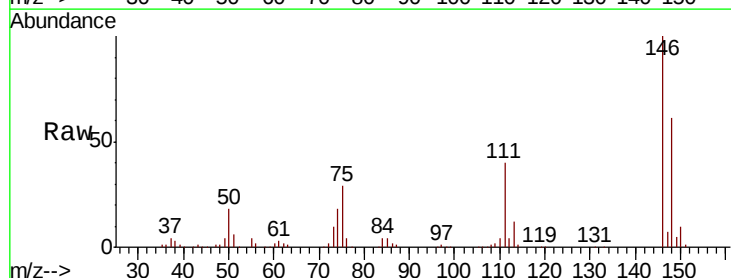
Tgt Ion: 146 Resp: 193853

Ion Ratio Lower Upper

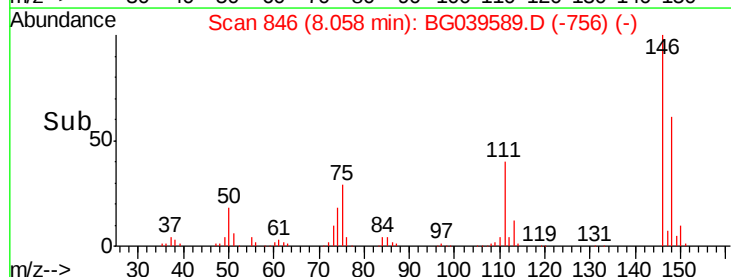
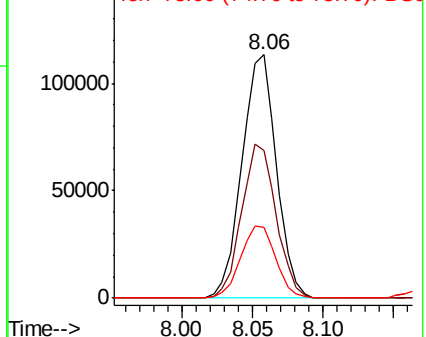
146 100

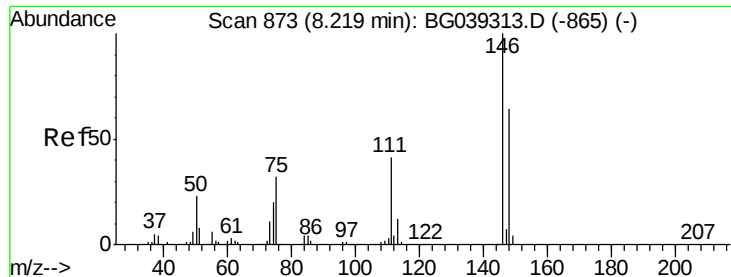
148 60.8 52.6 79.0

75 29.0 25.8 38.6



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BGC





#13

1,4-Dichlorobenzene

Concen: 49.399 ng

RT: 8.20 min Scan# 871

Delta R.T. -0.00 min

Lab File: BG039589.D

Acq: 25 Feb 2019 16:35

Instrument :

BNA_G

ClientSampleId :

COMPMSSD

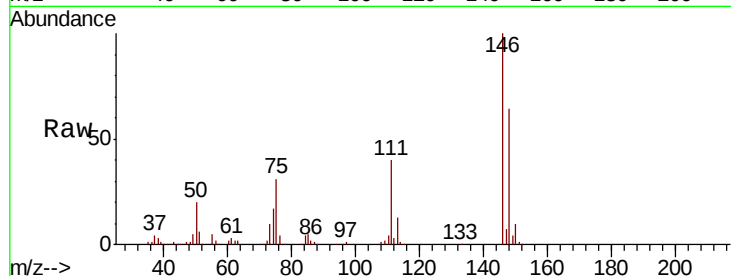
Tot Ion:146 Resp: 198936

Ion Ratio Lower Upper

146 100

148 64.0 51.1 76.7

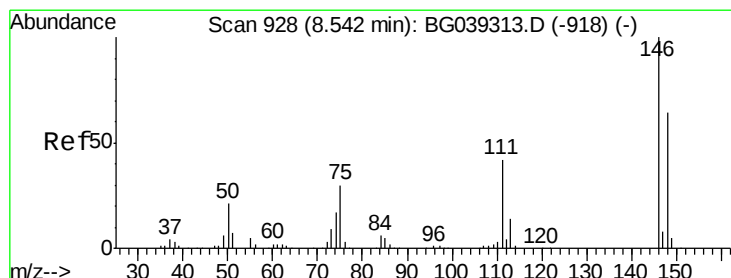
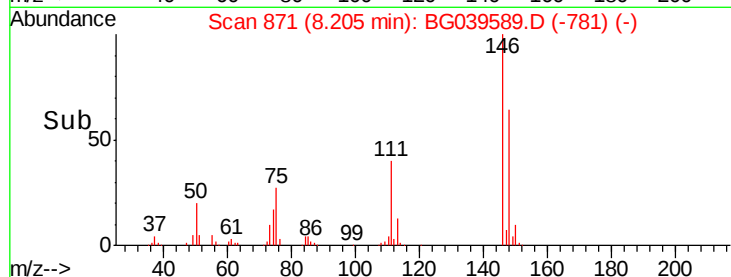
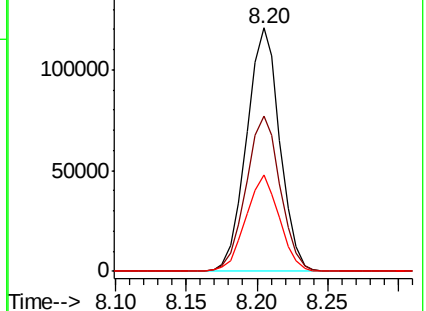
111 39.6 32.6 48.8



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 49.956 ng

RT: 8.53 min Scan# 926

Delta R.T. 0.01 min

Lab File: BG039589.D

Acq: 25 Feb 2019 16:35

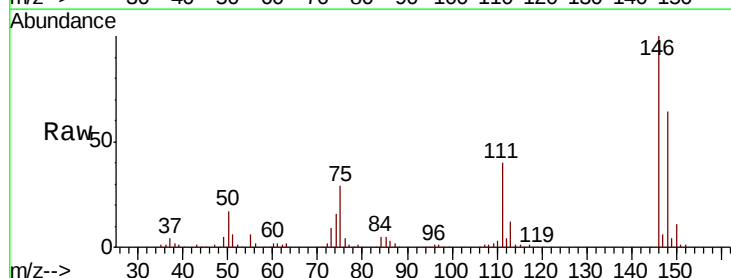
Tgt Ion:146 Resp: 194753

Ion Ratio Lower Upper

146 100

148 64.2 51.5 77.3

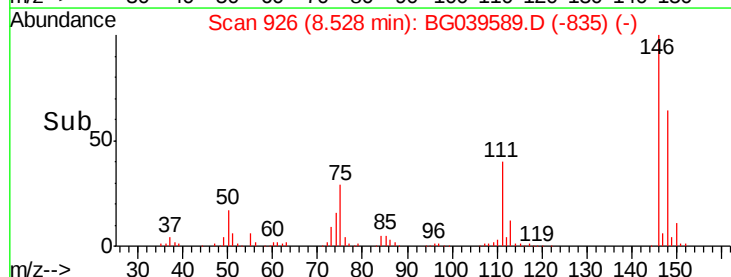
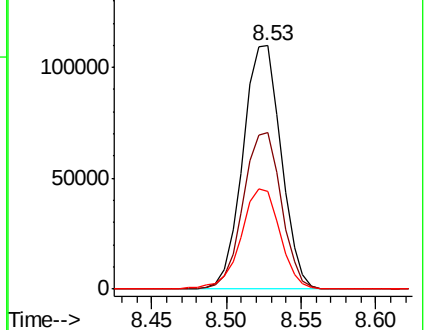
111 40.3 33.8 50.6

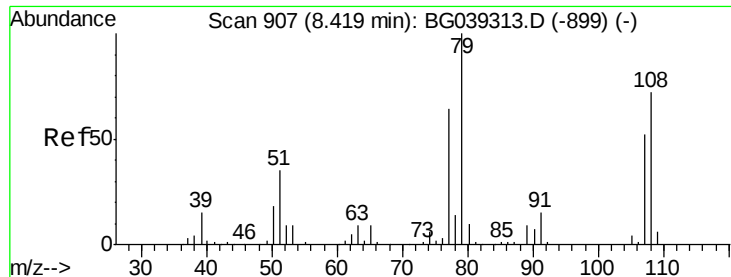


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 51.974 ng

RT: 8.41 min Scan# 906

Delta R.T. 0.01 min

Lab File: BG039589.D

Acq: 25 Feb 2019 16:35

Instrument :

BNA_G

ClientSampled :

COMPMSSD

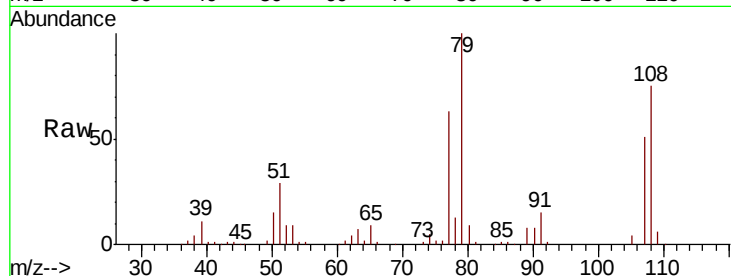
Tot Ion: 79 Resp: 183259

Ion Ratio Lower Upper

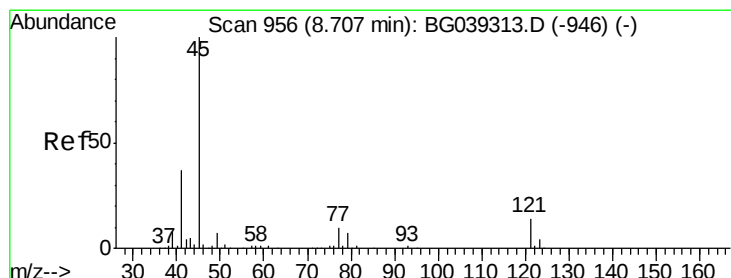
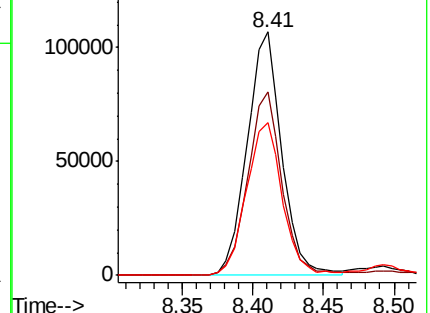
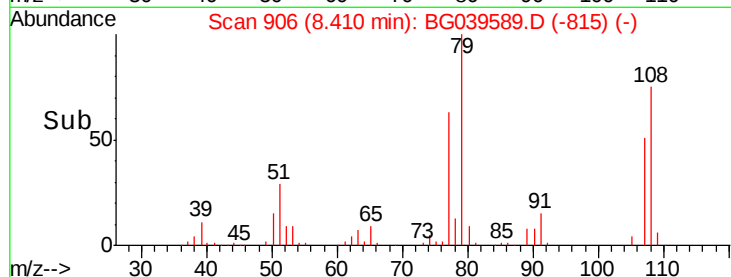
79 100

108 75.2 57.8 86.6

77 62.6 51.1 76.7



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.935 ng

RT: 8.69 min Scan# 953

Delta R.T. 0.01 min

Lab File: BG039589.D

Acq: 25 Feb 2019 16:35

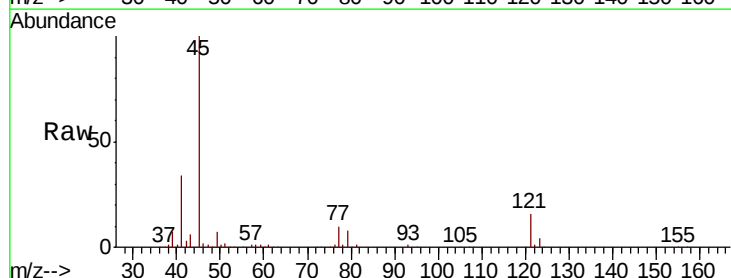
Tgt Ion: 45 Resp: 350337

Ion Ratio Lower Upper

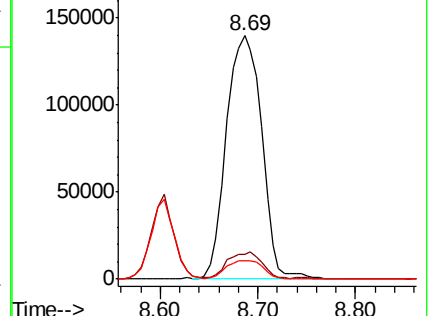
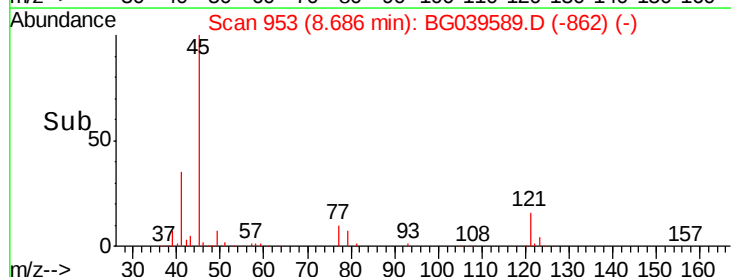
45 100

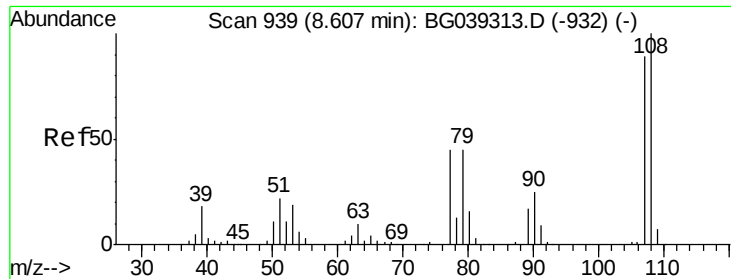
77 10.1 0.0 30.0

79 7.6 0.0 27.5



Abundance Ion 45.00 (44.70 to 45.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

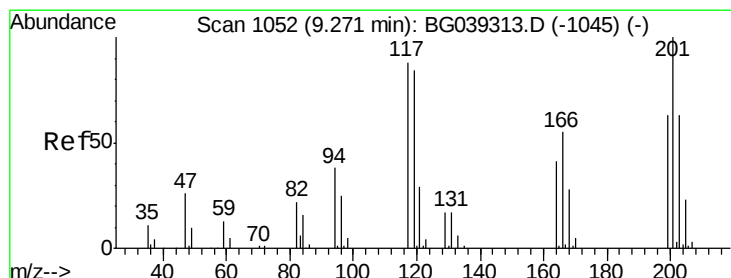
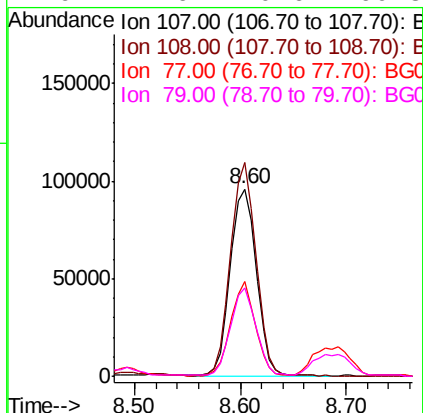
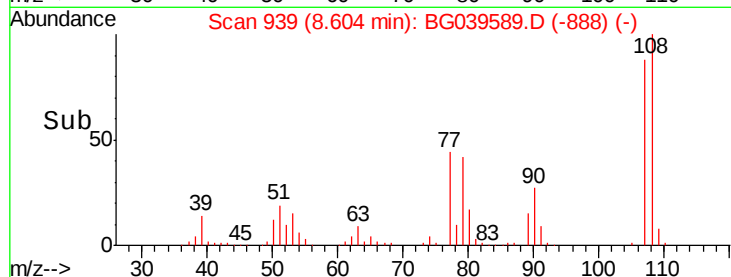
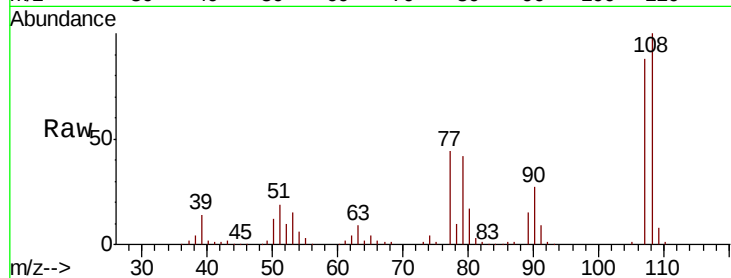




#17
2-Methylphenol
Concen: 54.197 ng
RT: 8.60 min Scan# 939
Delta R.T. -0.00 min
Lab File: BG039589.D
Acq: 25 Feb 2019 16:35

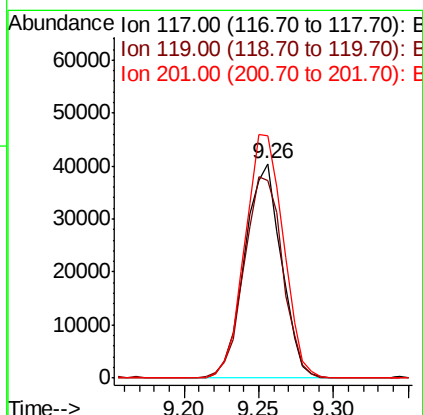
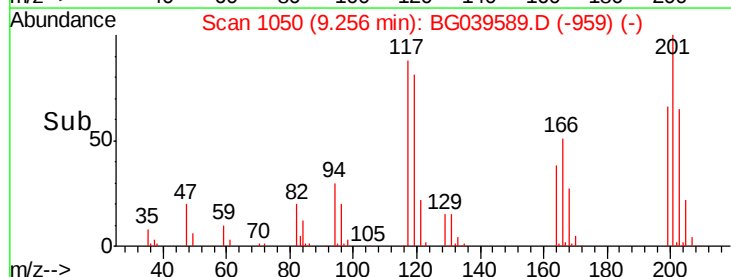
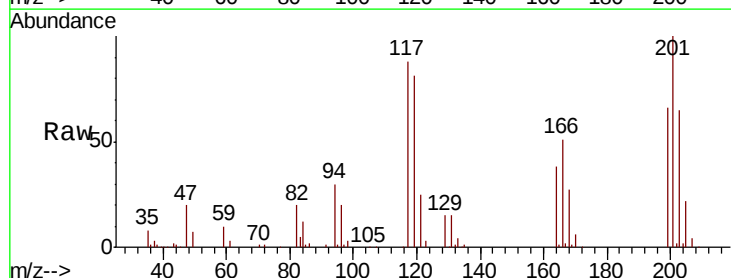
Instrument :
BNA_G
ClientSampleId :
COMPMSSD

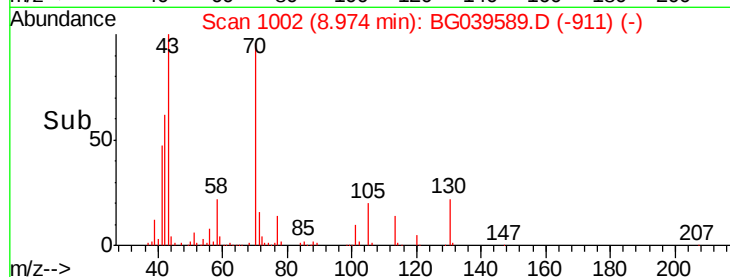
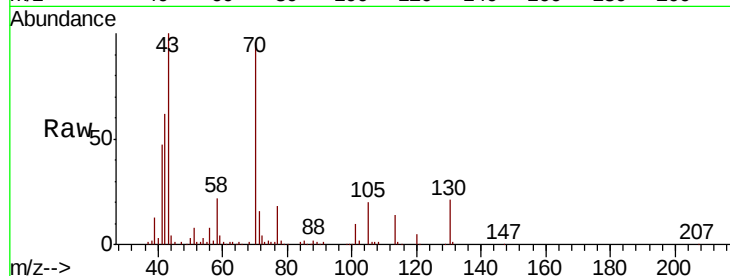
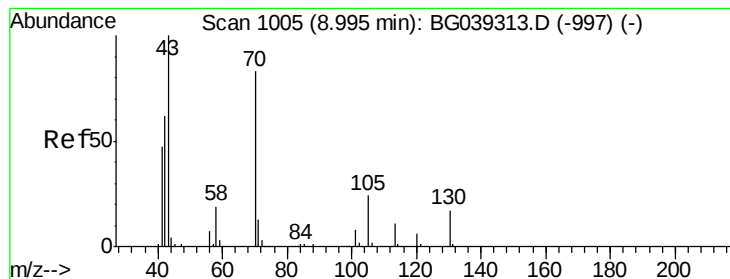
Tot Ion:107 Resp: 164202
Ion Ratio Lower Upper
107 100
108 114.2 90.8 136.2
77 50.7 40.7 61.1
79 47.6 40.6 60.8



#18
Hexachloroethane
Concen: 49.700 ng
RT: 9.26 min Scan# 1050
Delta R.T. 0.01 min
Lab File: BG039589.D
Acq: 25 Feb 2019 16:35

Tgt Ion:117 Resp: 68859
Ion Ratio Lower Upper
117 100
119 92.1 76.3 114.5
201 113.1 91.1 136.7





#19

n-Nitroso-di-n-propylamine

Concen: 49.308 ng

RT: 8.97 min Scan# 1002

Delta R.T. 0.01 min

Lab File: BG039589.D

Acq: 25 Feb 2019 16:35

Instrument :

BNA_G

ClientSampleId :

COMPMSD

Tot Ion: 70 Resp: 157180

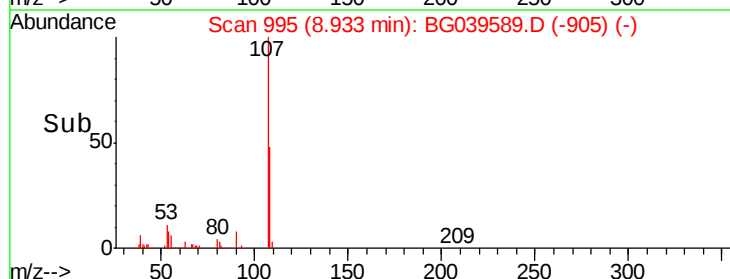
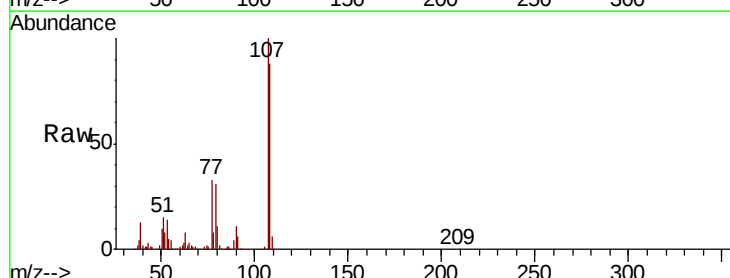
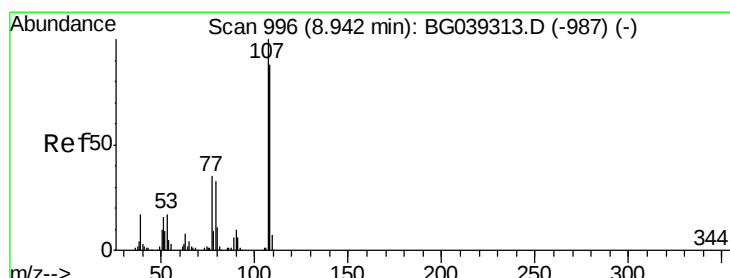
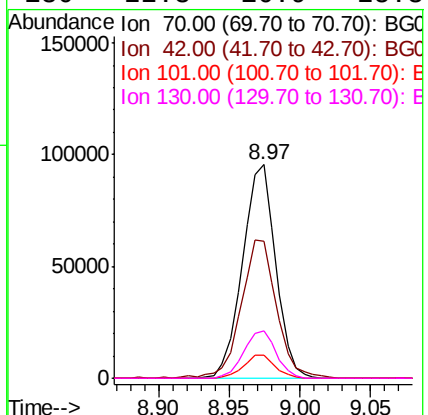
Ion Ratio Lower Upper

70 100

42 64.3 60.4 90.6

101 10.5 7.5 11.3

130 22.3 16.9 25.3



#20

3+4-Methylphenols

Concen: 54.365 ng

RT: 8.93 min Scan# 995

Delta R.T. -0.00 min

Lab File: BG039589.D

Acq: 25 Feb 2019 16:35

Tgt Ion: 107 Resp: 226815

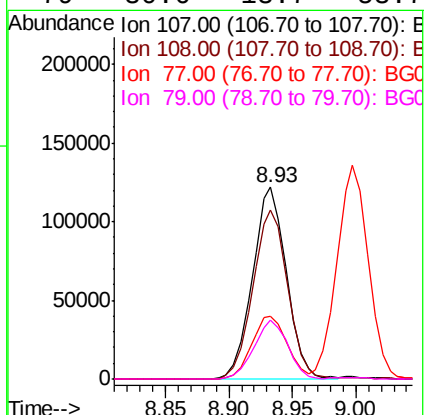
Ion Ratio Lower Upper

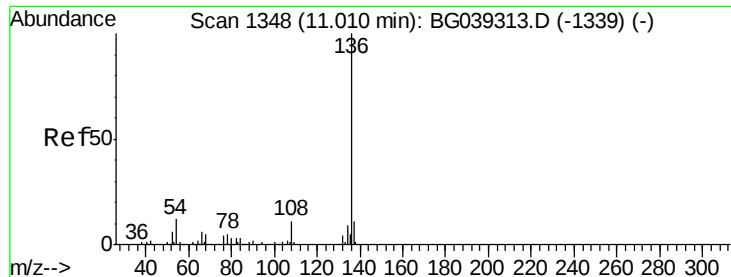
107 100

108 88.0 67.9 107.9

77 32.5 15.4 55.4

79 30.6 13.7 53.7

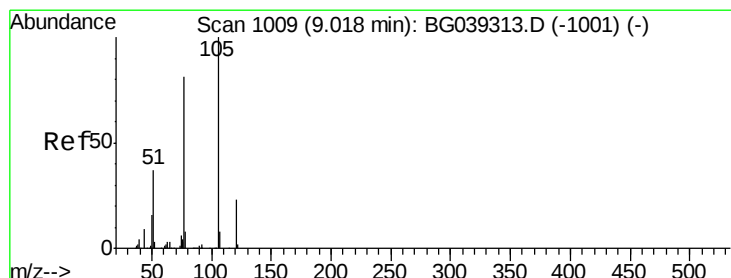
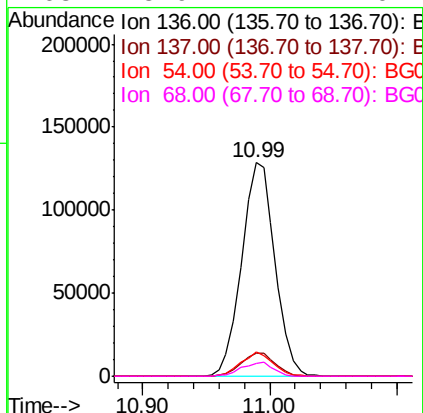
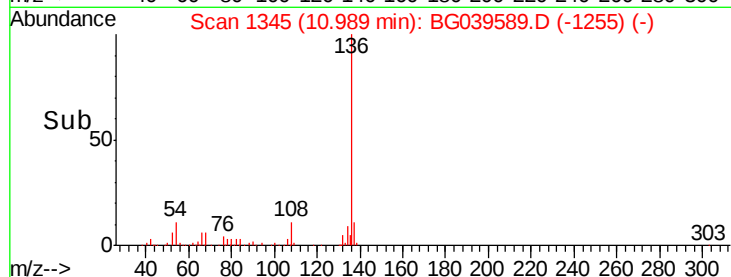
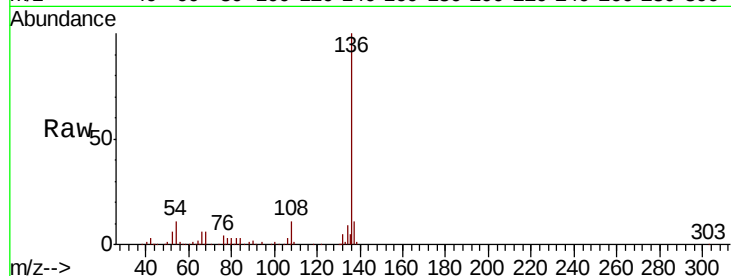




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.99 min Scan# 1345
Delta R.T. -0.00 min
Lab File: BG039589.D
Acq: 25 Feb 2019 16:35

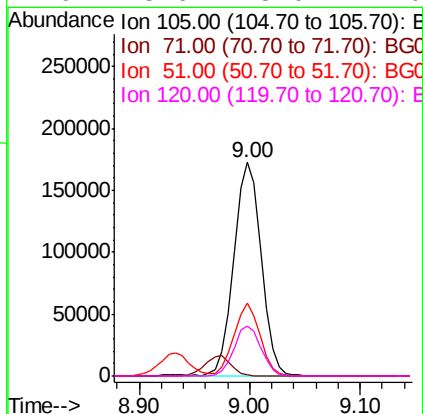
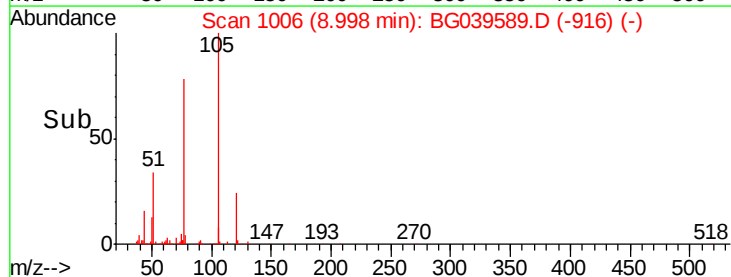
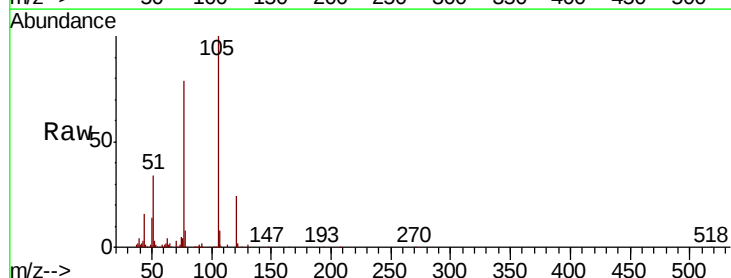
Instrument :
BNA_G
ClientSampleId :
COMPMSSD

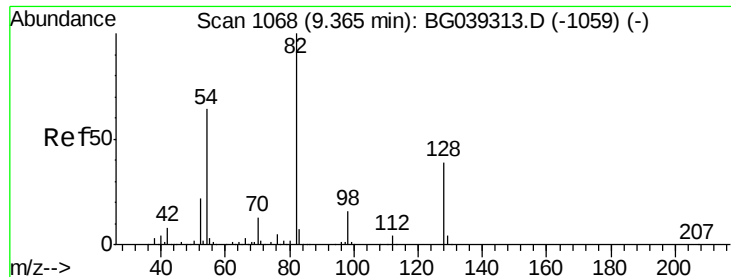
Tot Ion:136	Resp:	233790	
Ion Ratio	Lower	Upper	
136 100			
137 10.5	9.1	13.7	
54 11.2	9.4	14.2	
68 5.9	4.2	6.4	



#22
Acetophenone
Concen: 48.005 ng
RT: 9.00 min Scan# 1006
Delta R.T. -0.00 min
Lab File: BG039589.D
Acq: 25 Feb 2019 16:35

Tgt Ion:105	Resp:	301471
Ion Ratio	Lower	Upper
105 100		
71 0.4	0.8	1.2#
51 34.0	30.2	45.2
120 23.6	18.0	27.0

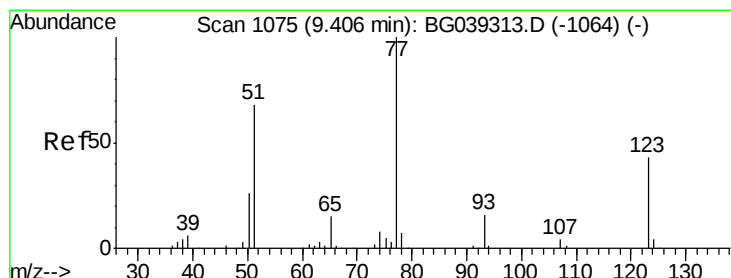
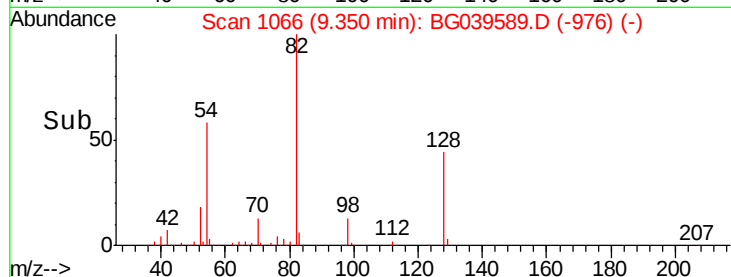
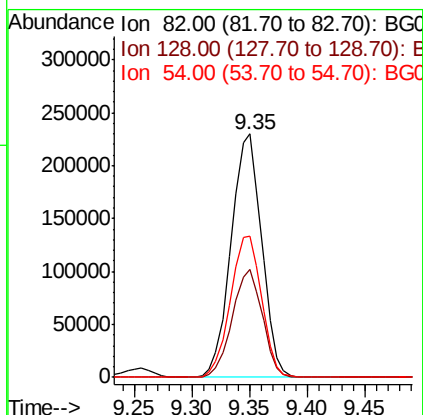
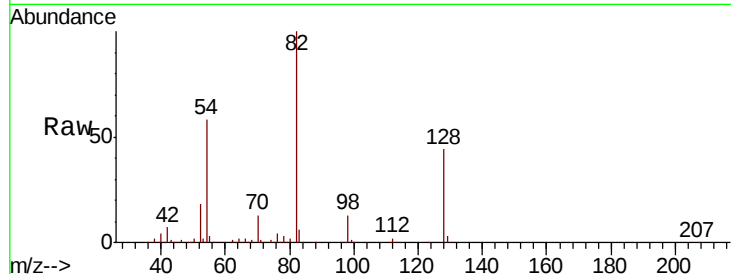




#23
Nitrobenzene-d5
Concen: 112.842 ng
RT: 9.35 min Scan# 1066
Delta R.T. -0.00 min
Lab File: BG039589.D
Acq: 25 Feb 2019 16:35

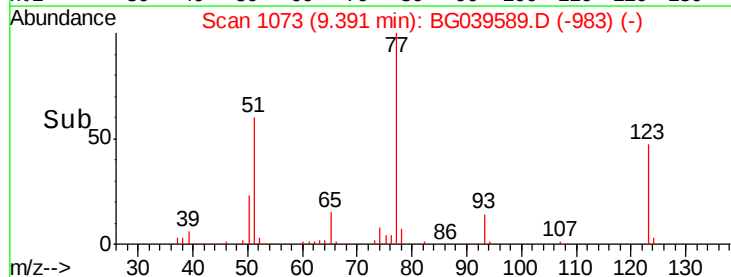
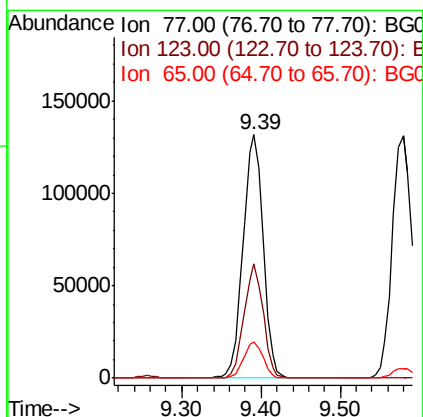
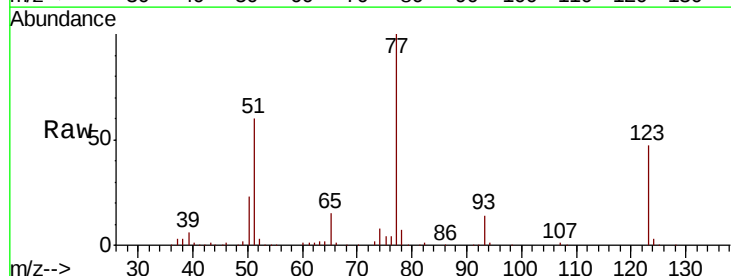
Instrument :
BNA_G
ClientSampleId :
COMPMSSD

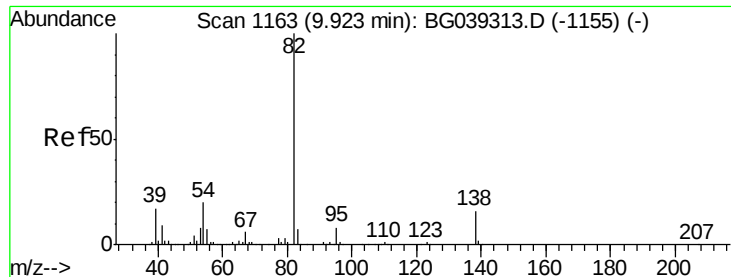
Tot Ion: 82 Resp: 422293
Ion Ratio Lower Upper
82 100
128 44.3 31.3 46.9
54 58.1 50.9 76.3



#24
Nitrobenzene
Concen: 57.268 ng
RT: 9.39 min Scan# 1073
Delta R.T. -0.00 min
Lab File: BG039589.D
Acq: 25 Feb 2019 16:35

Tgt Ion: 77 Resp: 231533
Ion Ratio Lower Upper
77 100
123 47.1 34.1 51.1
65 14.8 12.3 18.5

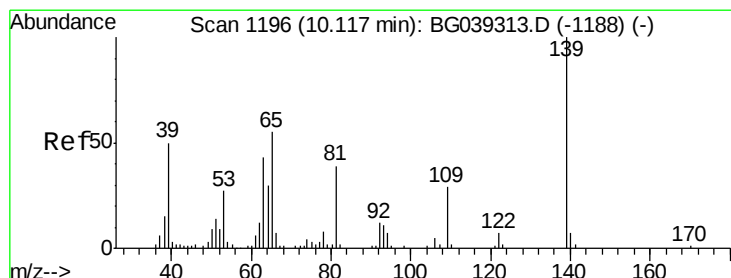
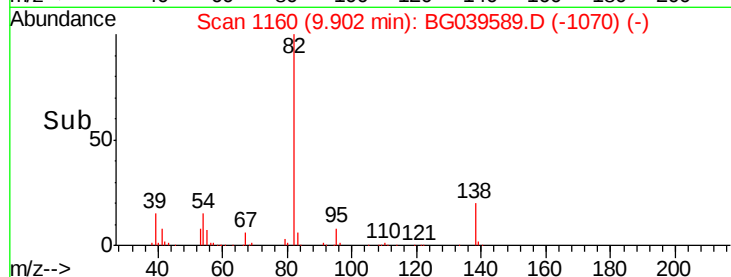
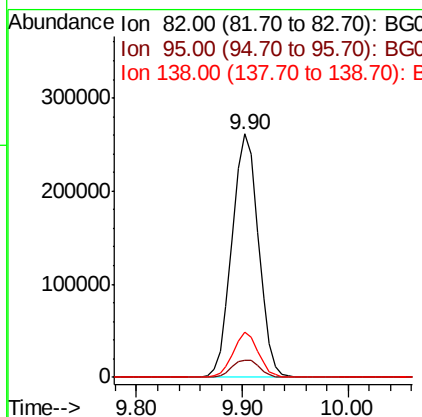
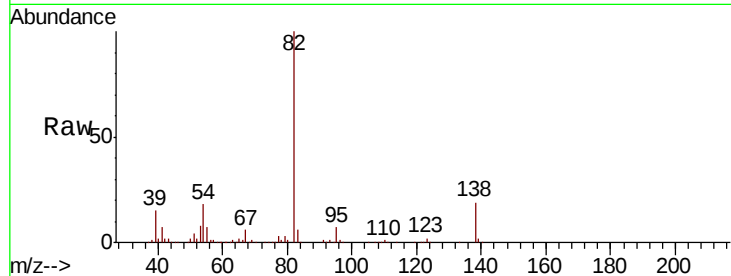




#25
Isophorone
Concen: 54.512 ng
RT: 9.90 min Scan# 1160
Delta R.T. -0.00 min
Lab File: BG039589.D
Acq: 25 Feb 2019 16:35

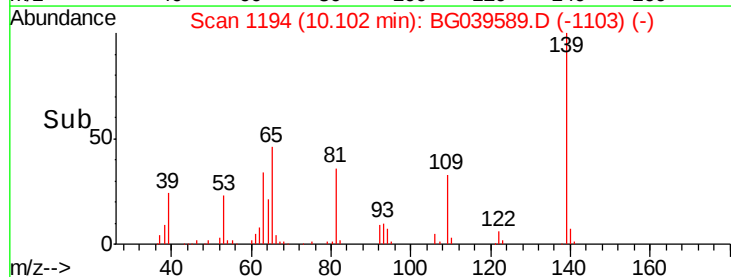
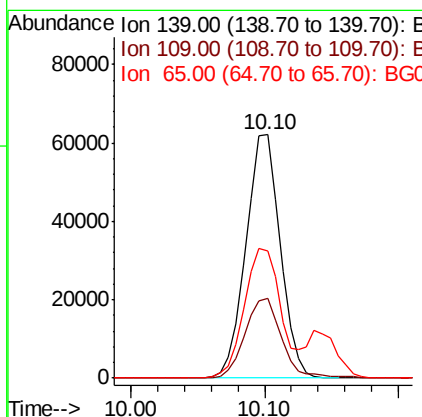
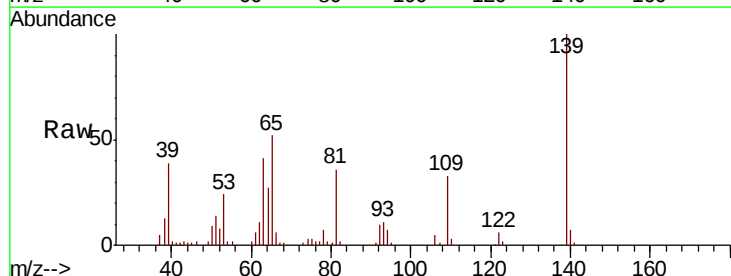
Instrument :
BNA_G
ClientSampleId :
COMPMSSD

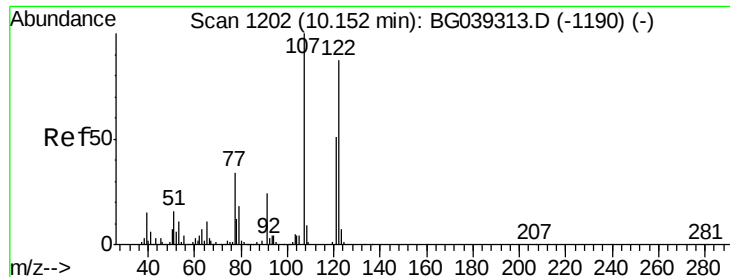
Tot Ion: 82 Resp: 452070
Ion Ratio Lower Upper
82 100
95 7.2 6.2 9.2
138 18.6 13.0 19.4



#26
2-Nitrophenol
Concen: 63.150 ng
RT: 10.10 min Scan# 1194
Delta R.T. 0.01 min
Lab File: BG039589.D
Acq: 25 Feb 2019 16:35

Tgt Ion: 139 Resp: 110265
Ion Ratio Lower Upper
139 100
109 32.9 23.4 35.0
65 52.2 44.3 66.5

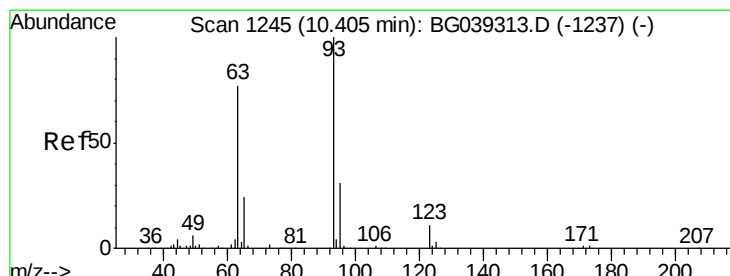
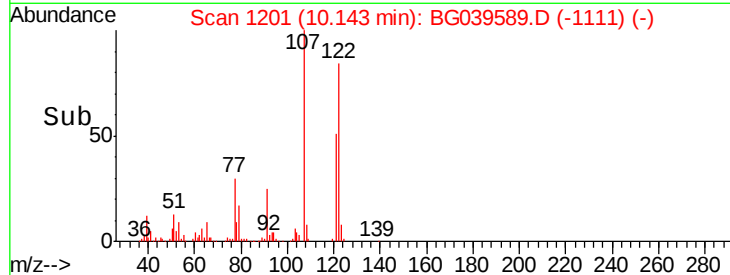
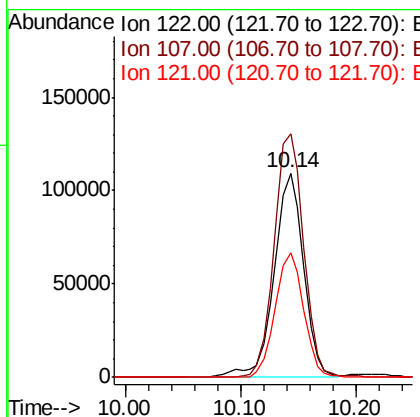
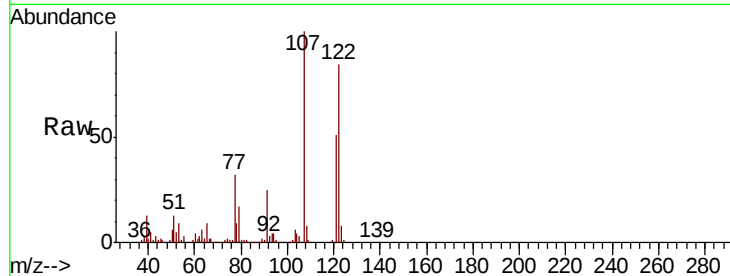




#27
 2,4-Dimethylphenol
 Concen: 57.988 ng
 RT: 10.14 min Scan# 1201
 Delta R.T. -0.00 min
 Lab File: BG039589.D
 Acq: 25 Feb 2019 16:35

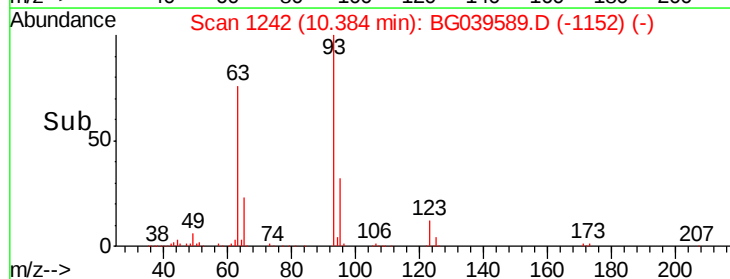
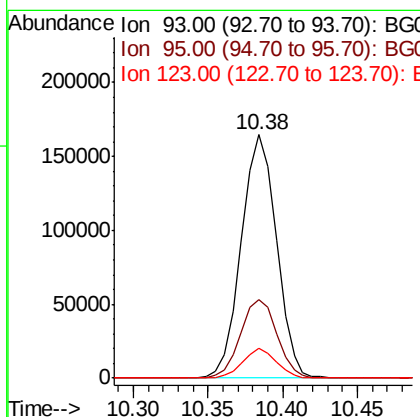
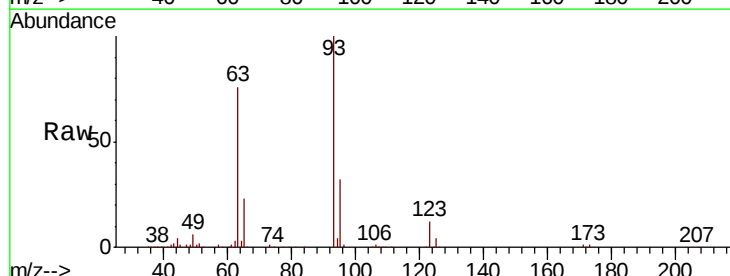
Instrument :
 BNA_G
 ClientSampleId :
 COMPMSSD

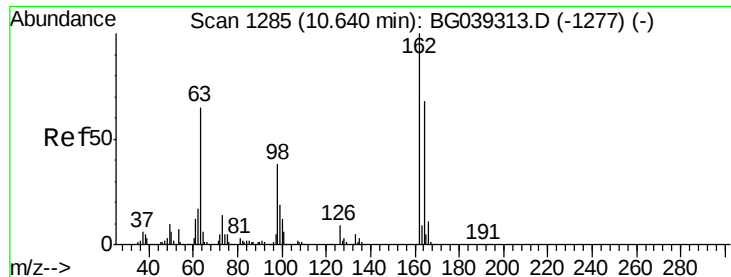
Tot Ion	122	Resp	194534
Ion	Ratio	Lower	Upper
122	100		
107	119.2	91.7	137.5
121	61.1	46.4	69.6



#28
 bis(2-Chloroethoxy)methane
 Concen: 52.720 ng
 RT: 10.38 min Scan# 1242
 Delta R.T. -0.00 min
 Lab File: BG039589.D
 Acq: 25 Feb 2019 16:35

Tgt Ion	93	Resp	269297
Ion	Ratio	Lower	Upper
93	100		
95	32.3	25.0	37.4
123	12.2	8.6	12.8

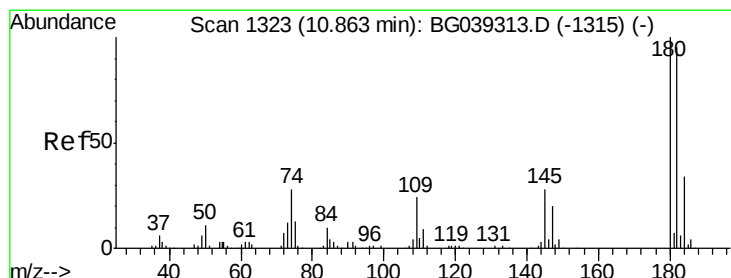
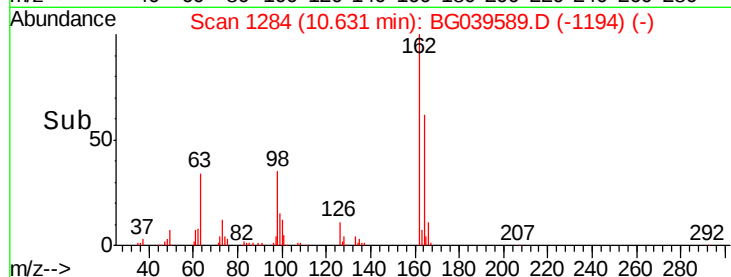
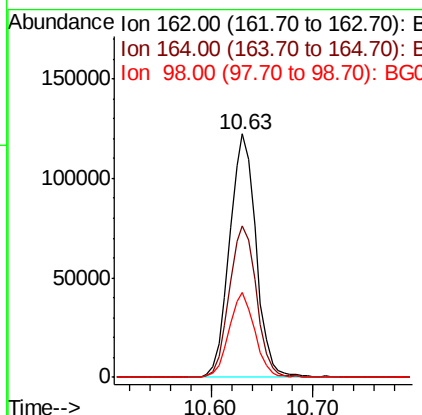
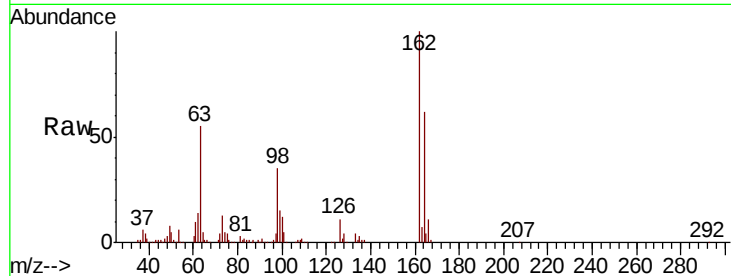




#29
 2,4-Dichlorophenol
 Concen: 60.272 ng
 RT: 10.63 min Scan# 1284
 Delta R.T. -0.00 min
 Lab File: BG039589.D
 Acq: 25 Feb 2019 16:35

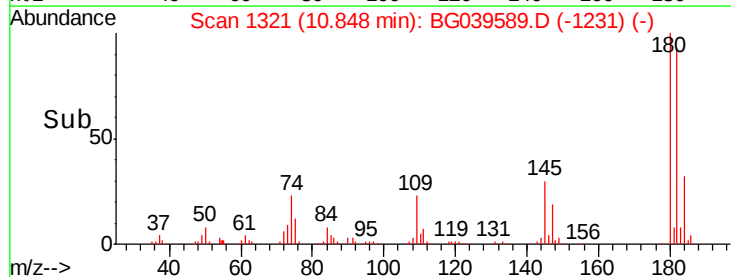
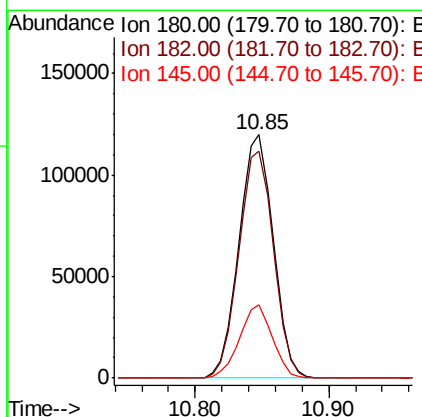
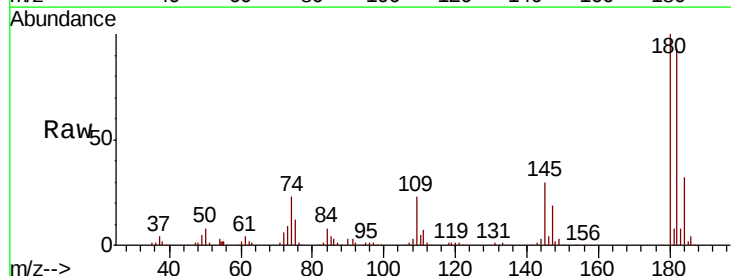
Instrument :
 BNA_G
 ClientSampleId :
 COMPMSSD

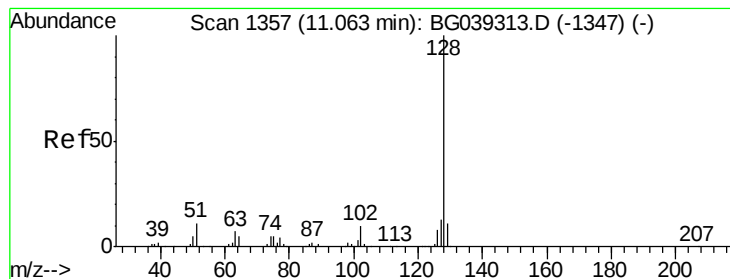
Tot Ion	Ratio	Lower	Upper
162	100		
164	62.3	48.1	88.1
98	34.9	18.1	58.1



#30
 1,2,4-Trichlorobenzene
 Concen: 51.717 ng
 RT: 10.85 min Scan# 1321
 Delta R.T. -0.00 min
 Lab File: BG039589.D
 Acq: 25 Feb 2019 16:35

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.3	76.0	114.0
145	30.2	22.7	34.1





#31

Naphthalene

Concen: 53.041 ng

RT: 11.04 min Scan# 1354

Delta R.T. -0.00 min

Lab File: BG039589.D

Acq: 25 Feb 2019 16:35

Instrument :

BNA_G

ClientSampleId :

COMPMSD

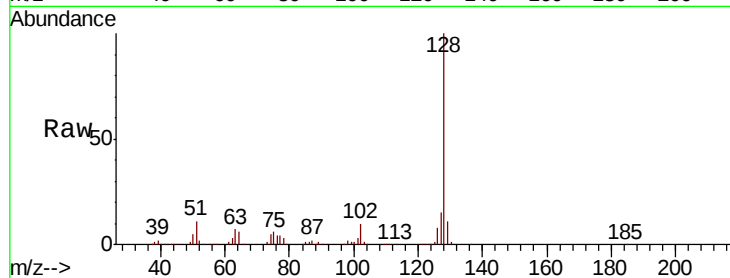
Tot Ion:128 Resp: 615184

Ion Ratio Lower Upper

128 100

129 10.9 8.7 13.1

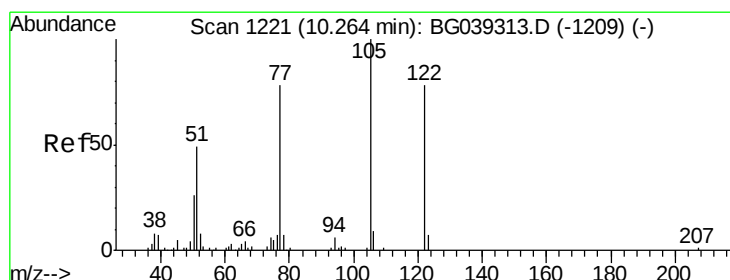
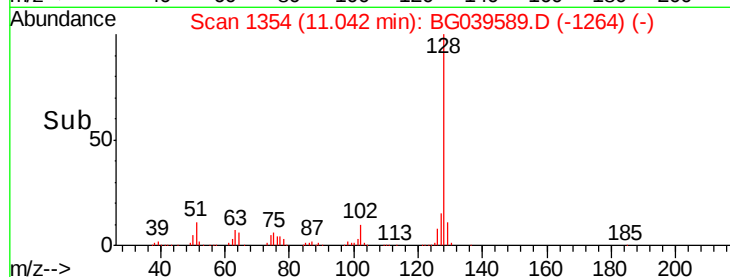
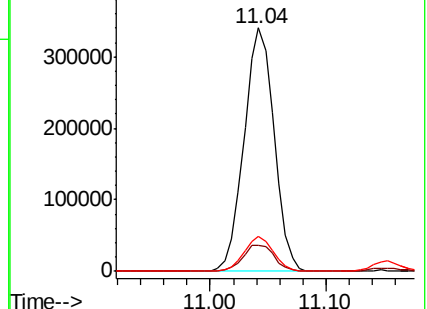
127 14.6 10.8 16.2



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: 80.933 ng

RT: 10.14 min Scan# 1201

Delta R.T. -0.12 min

Lab File: BG039589.D

Acq: 25 Feb 2019 16:35

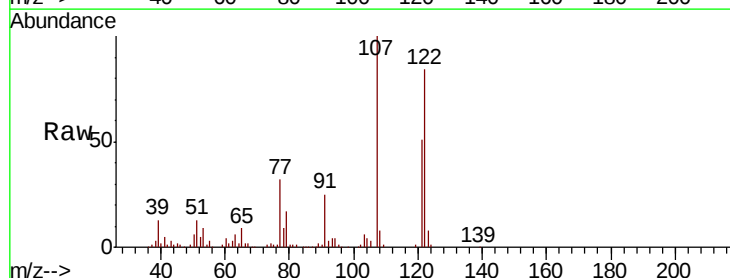
Tgt Ion:122 Resp: 194534

Ion Ratio Lower Upper

122 100

105 3.8 101.8 141.8#

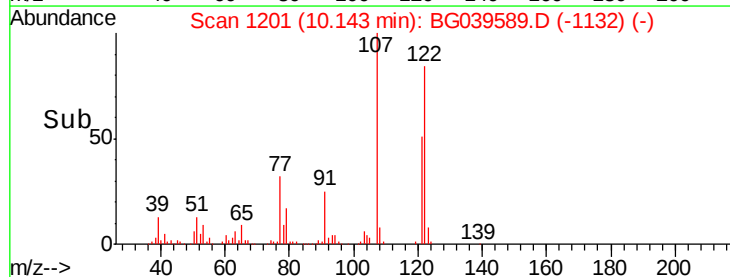
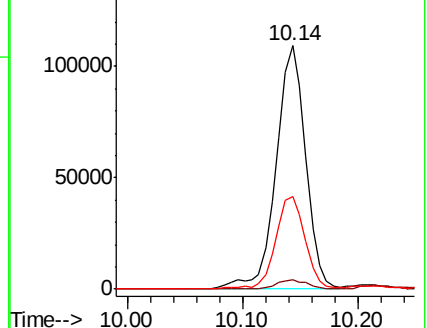
77 38.0 76.3 116.3#

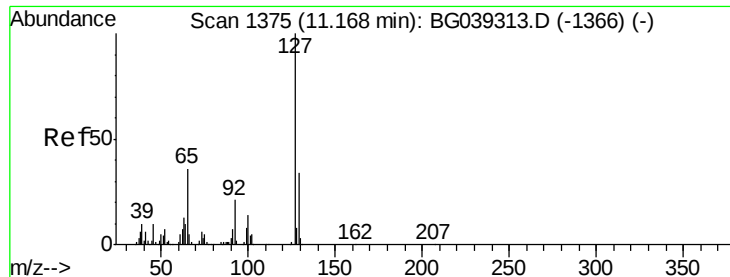


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG

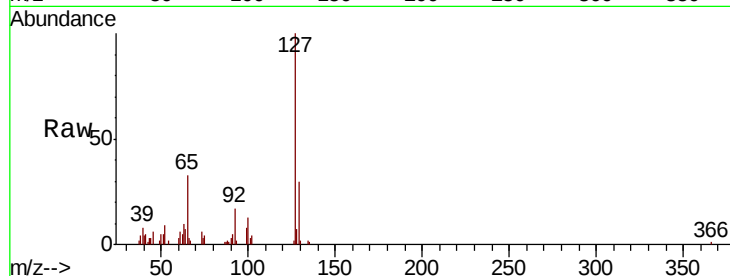




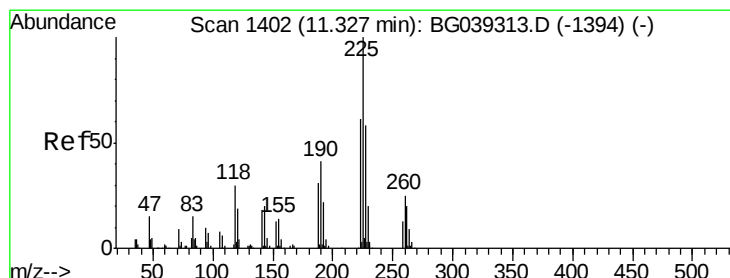
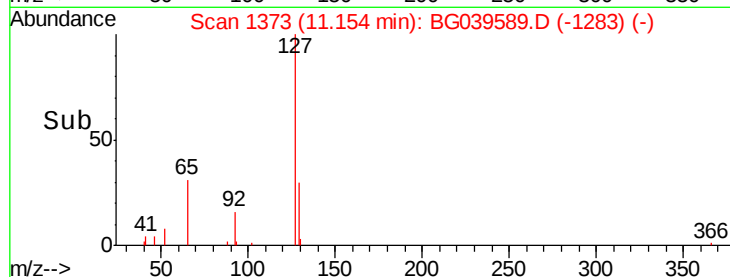
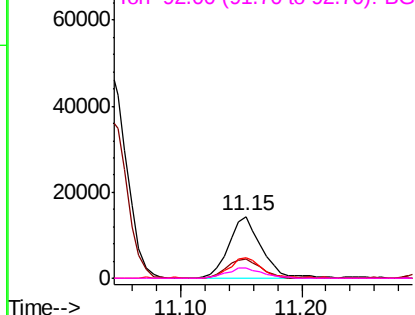
#33
4-Chloroaniline
Concen: 5.023 ng
RT: 11.15 min Scan# 1373
Delta R.T. -0.00 min
Lab File: BG039589.D
Acq: 25 Feb 2019 16:35

Instrument :
BNA_G
ClientSampleId :
COMPMSSD

Tot Ion	Ratio	Lower	Upper
127	100		
129	30.5	27.0	40.4
65	33.2	28.8	43.2
92	16.8	16.6	25.0

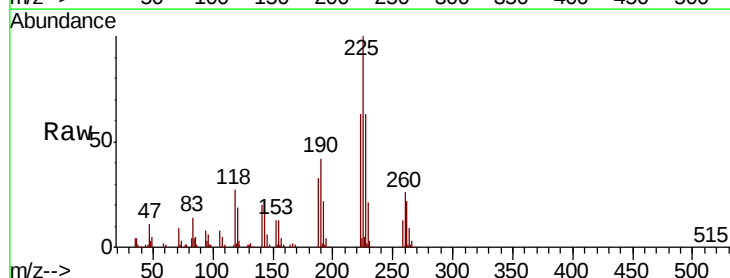


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

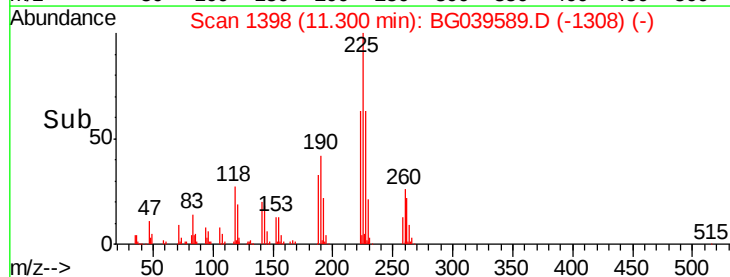
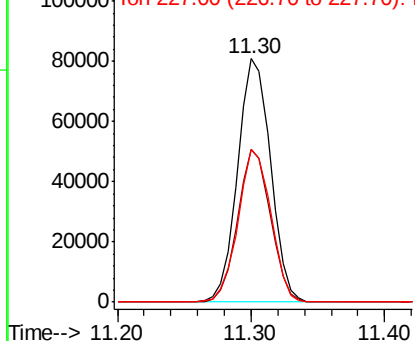


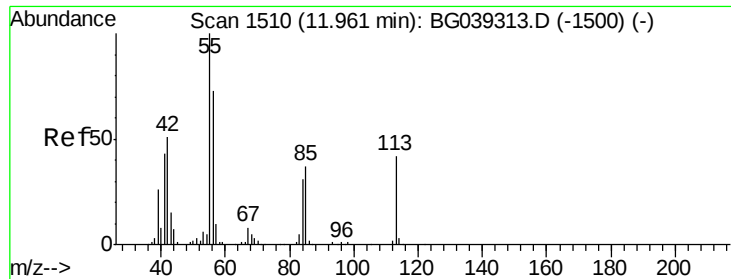
#34
Hexachlorobutadiene
Concen: 50.392 ng
RT: 11.30 min Scan# 1398
Delta R.T. -0.00 min
Lab File: BG039589.D
Acq: 25 Feb 2019 16:35

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.0	49.0	73.6
227	62.8	46.3	69.5



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: 35.382 ng

RT: 11.93 min Scan# 1506

Delta R.T. -0.01 min

Lab File: BG039589.D

Acq: 25 Feb 2019 16:35

Instrument :

BNA_G

ClientSampled :

COMPMSSD

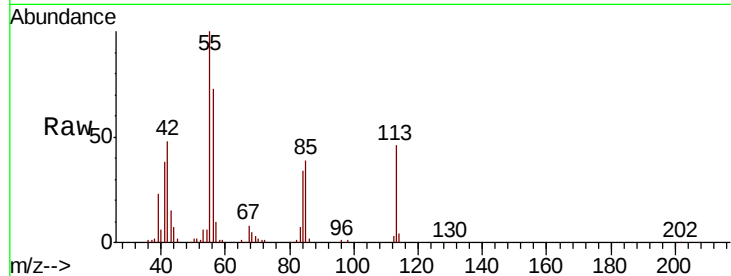
Tot Ion:113 Resp: 53682

Ion Ratio Lower Upper

113 100

55 219.2 216.9 256.9

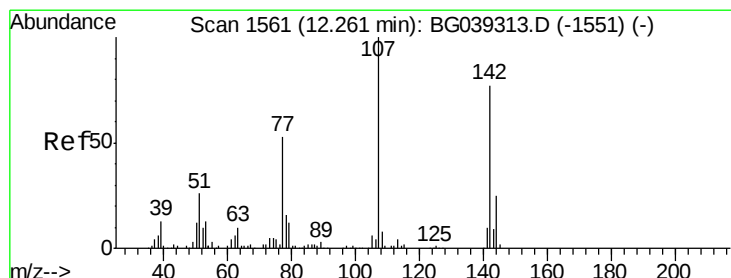
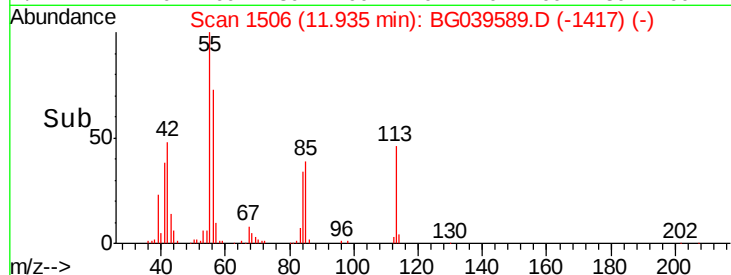
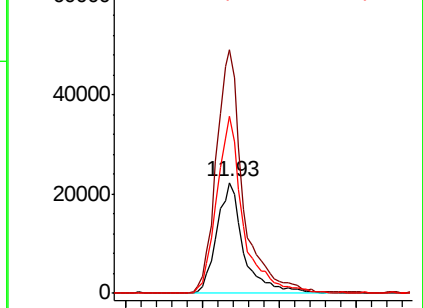
56 159.2 152.6 192.6



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#36

4-Chloro-3-methylphenol

Concen: 54.964 ng

RT: 12.26 min Scan# 1561

Delta R.T. 0.01 min

Lab File: BG039589.D

Acq: 25 Feb 2019 16:35

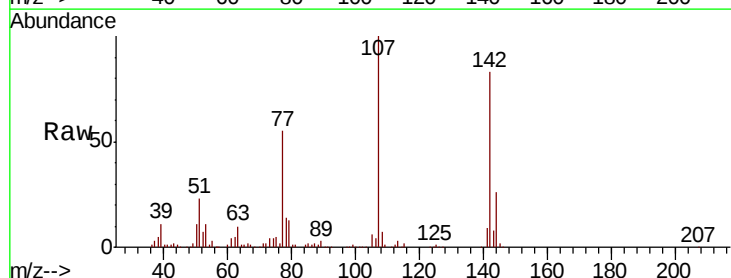
Tgt Ion:107 Resp: 233063

Ion Ratio Lower Upper

107 100

144 26.5 20.2 30.2

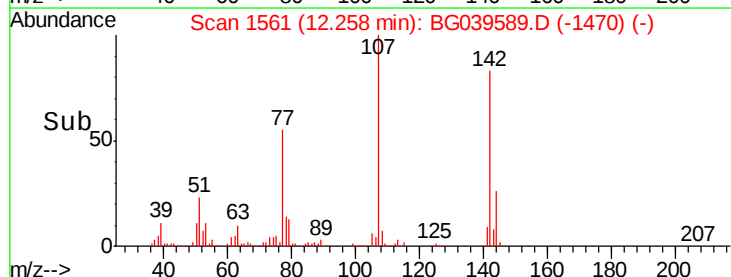
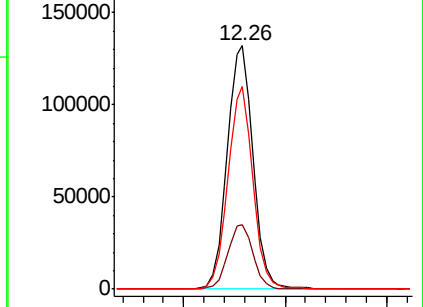
142 83.1 61.4 92.2

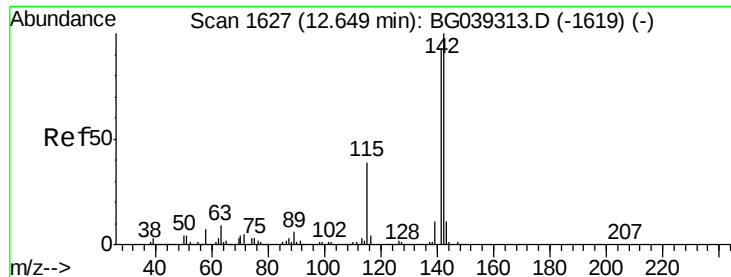


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

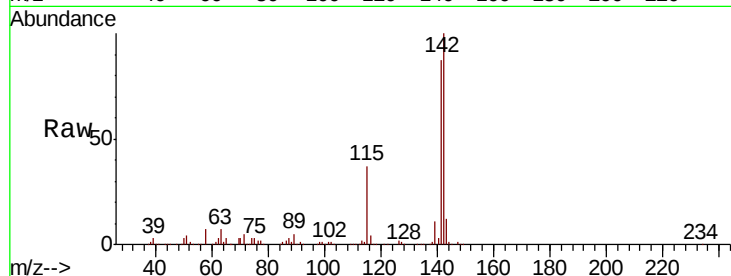




#37
2-Methylnaphthalene
Concen: 54.876 ng
RT: 12.63 min Scan# 1625
Delta R.T. -0.00 min
Lab File: BG039589.D
Acq: 25 Feb 2019 16:35

Instrument :
BNA_G
ClientSampleId :
COMPMSSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.0	73.5	110.3
115	36.5	30.8	46.2

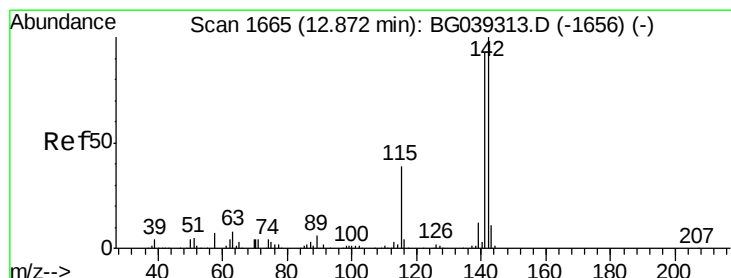
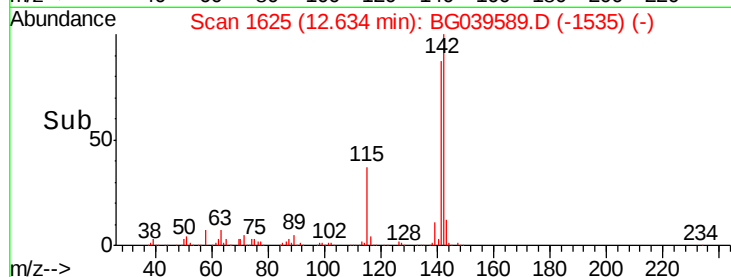
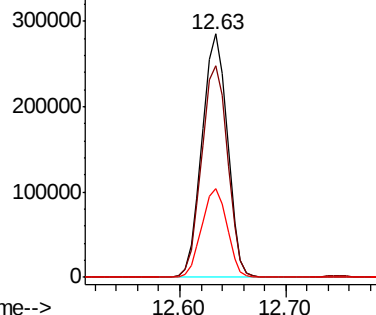


Abundance

Ion 142.00 (141.70 to 142.70): E

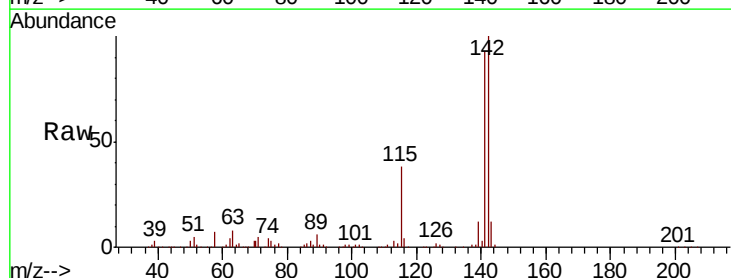
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 54.687 ng
RT: 12.85 min Scan# 1662
Delta R.T. -0.00 min
Lab File: BG039589.D
Acq: 25 Feb 2019 16:35

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.3	74.2	111.4
116	4.4	3.0	4.6

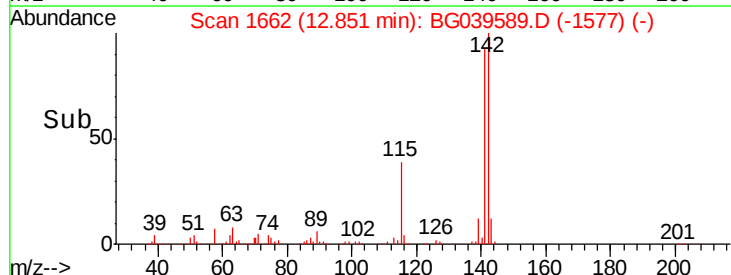
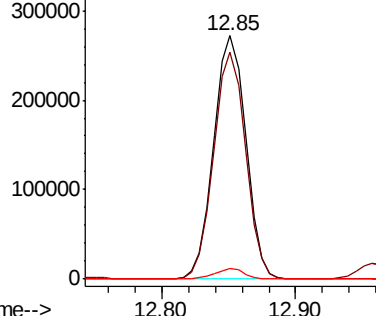


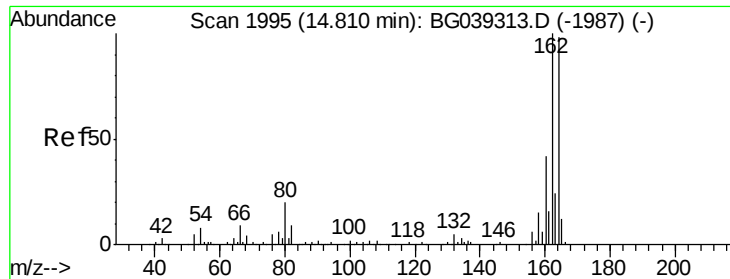
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.80 min Scan# 1993

Delta R.T. -0.00 min

Lab File: BG039589.D

Acq: 25 Feb 2019 16:35

Instrument :

BNA_G

ClientSampleId :

COMPMSD

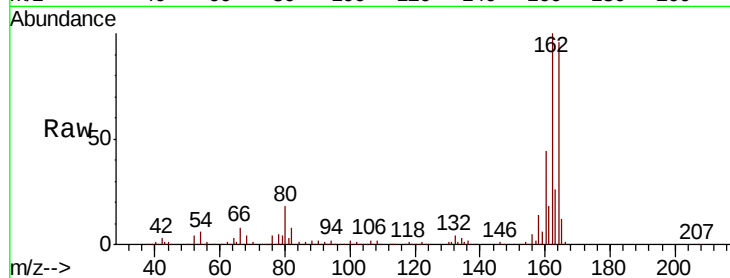
Tot Ion:164 Resp: 161454

Ion Ratio Lower Upper

164 100

162 104.4 81.6 122.4

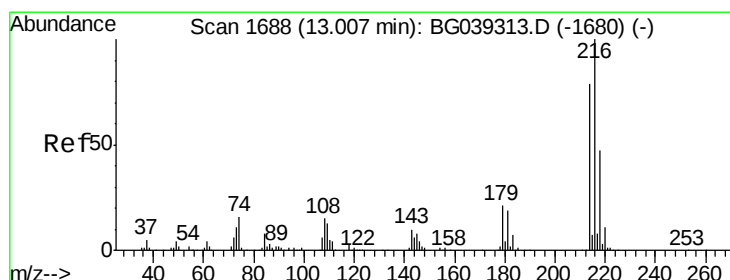
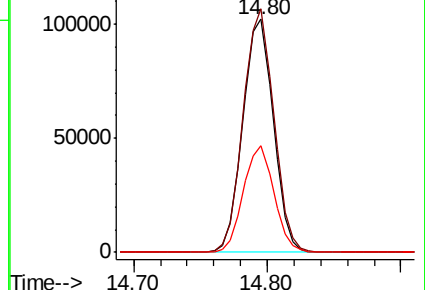
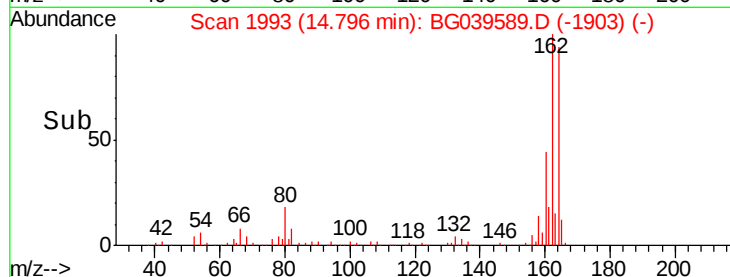
160 45.8 34.2 51.2



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 50.843 ng

RT: 12.99 min Scan# 1686

Delta R.T. -0.00 min

Lab File: BG039589.D

Acq: 25 Feb 2019 16:35

Tgt Ion:216 Resp: 261180

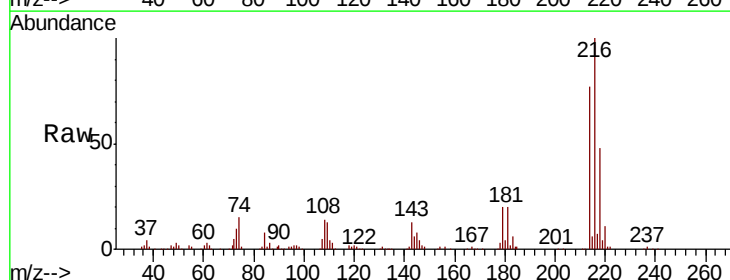
Ion Ratio Lower Upper

216 100

214 79.0 62.6 94.0

179 20.5 16.6 25.0

108 16.8 14.0 21.0

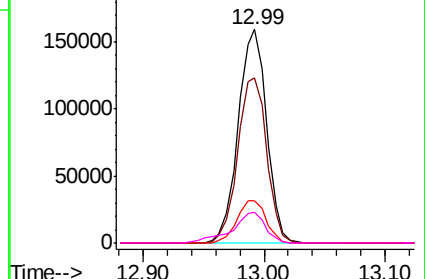
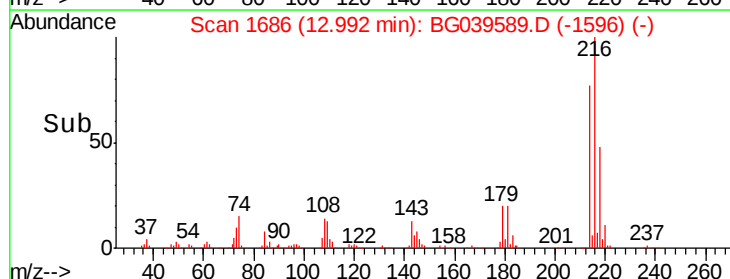


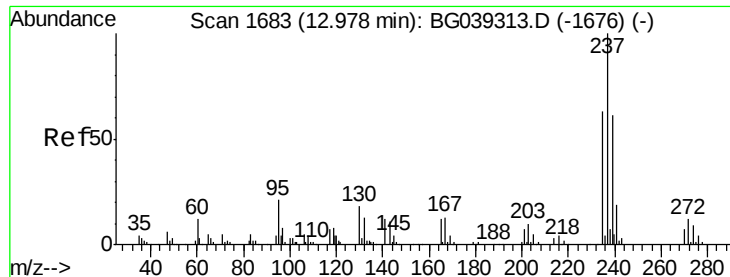
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 91.190 ng

RT: 12.96 min Scan# 1680

Delta R.T. -0.00 min

Lab File: BG039589.D

Acq: 25 Feb 2019 16:35

Instrument :

BNA_G

ClientSampleId :

COMPMSD

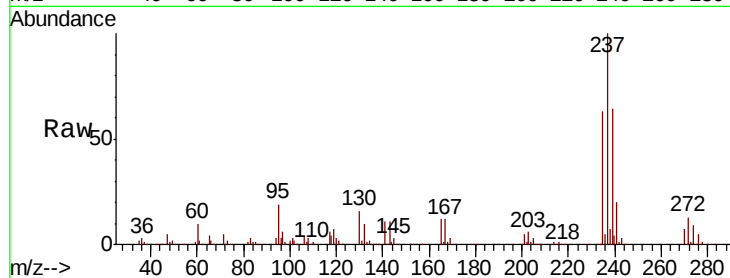
Tot Ion:237 Resp: 255262

Ion Ratio Lower Upper

237 100

235 63.2 43.3 83.3

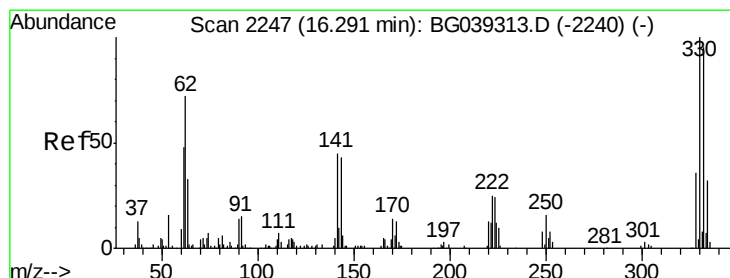
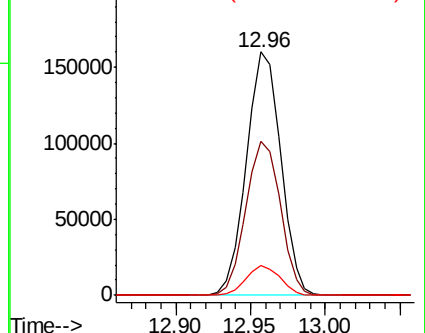
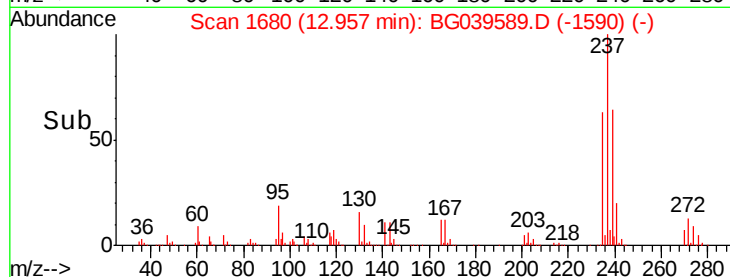
272 12.5 0.0 32.3



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: 154.868 ng

RT: 16.28 min Scan# 2246

Delta R.T. -0.00 min

Lab File: BG039589.D

Acq: 25 Feb 2019 16:35

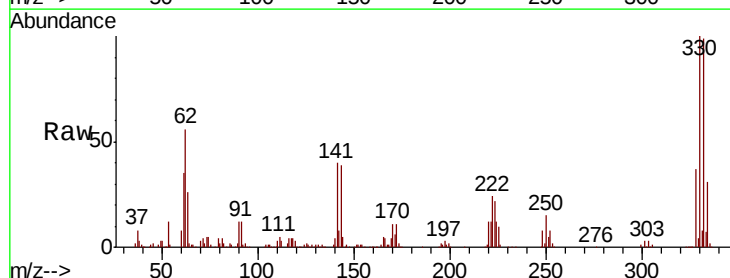
Tgt Ion:330 Resp: 269251

Ion Ratio Lower Upper

330 100

332 96.1 75.7 113.5

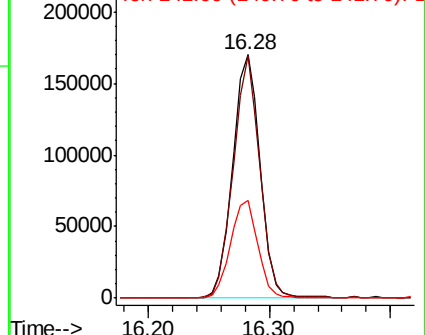
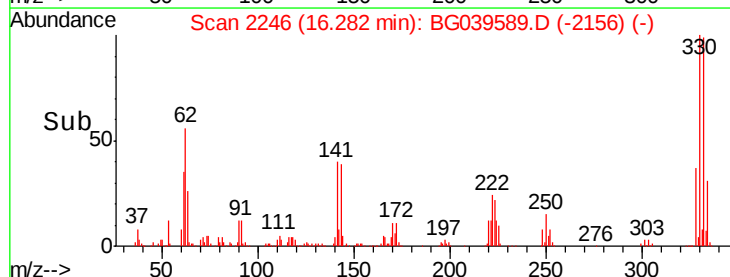
141 40.2 35.6 53.4

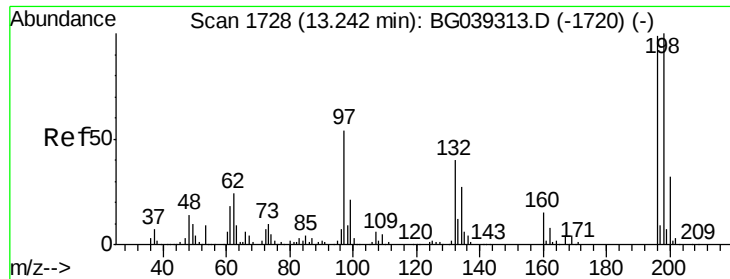


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

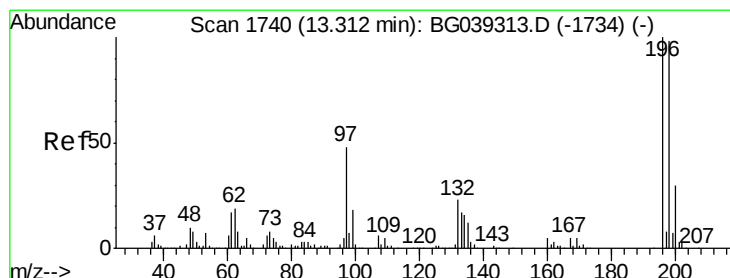
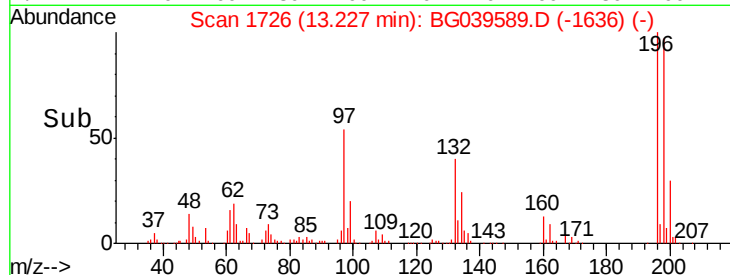
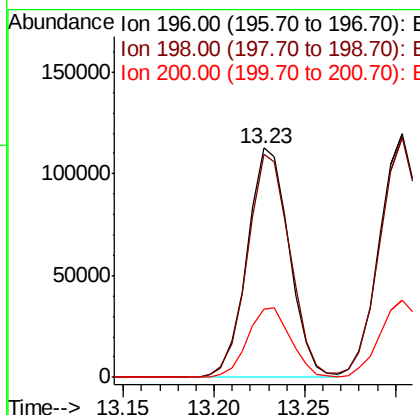
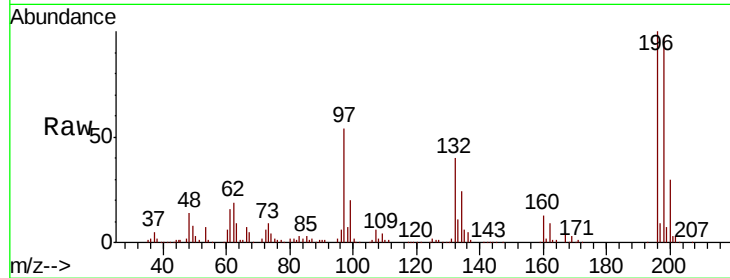




#43
 2,4,6-Trichlorophenol
 Concen: 57.495 ng
 RT: 13.23 min Scan# 1726
 Delta R.T. -0.00 min
 Lab File: BG039589.D
 Acq: 25 Feb 2019 16:35

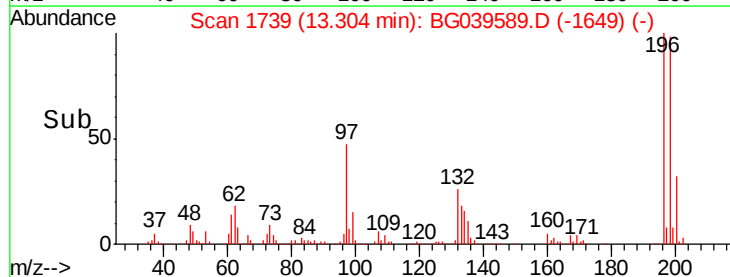
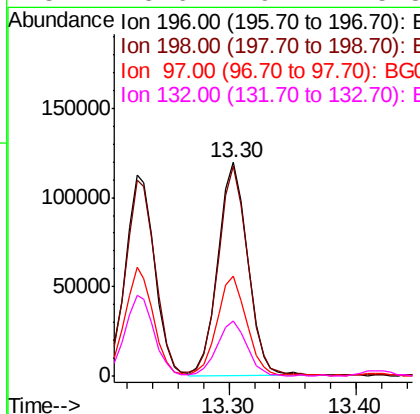
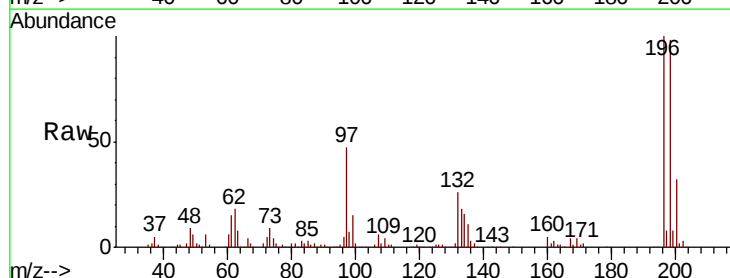
Instrument :
 BNA_G
 ClientSampleId :
 COMPMSSD

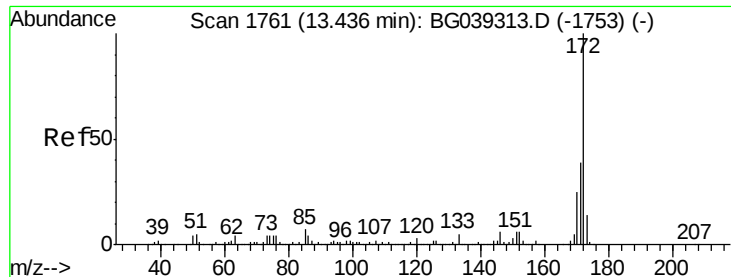
Tot Ion:196 Resp: 181598
 Ion Ratio Lower Upper
 196 100
 198 97.4 80.6 121.0
 200 30.1 26.1 39.1



#44
 2,4,5-Trichlorophenol
 Concen: 58.997 ng
 RT: 13.30 min Scan# 1739
 Delta R.T. -0.00 min
 Lab File: BG039589.D
 Acq: 25 Feb 2019 16:35

Tgt Ion:196 Resp: 195303
 Ion Ratio Lower Upper
 196 100
 198 98.3 78.5 117.7
 97 46.9 38.4 57.6
 132 25.6 19.2 28.8

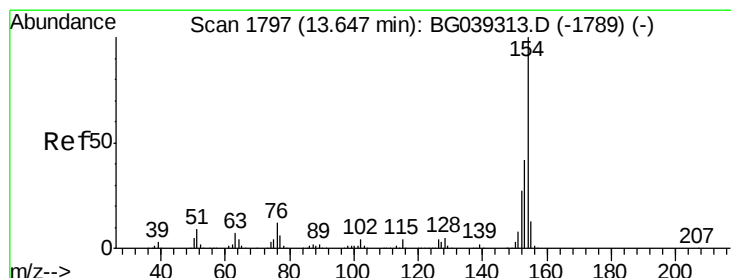
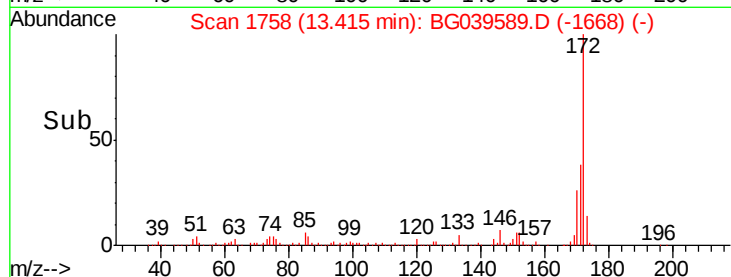
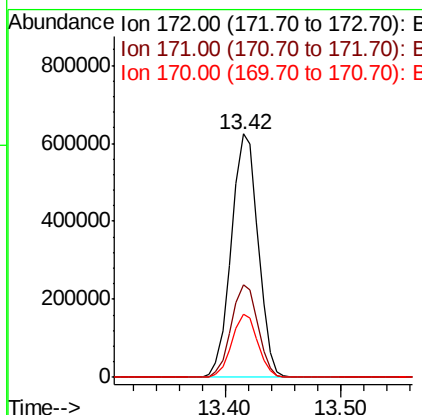
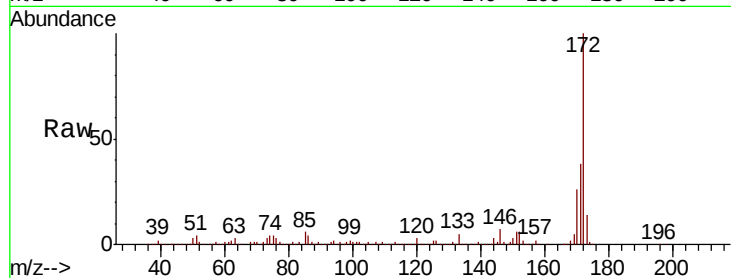




#45
2-Fluorobiphenyl
Concen: 89.034 ng
RT: 13.42 min Scan# 1758
Delta R.T. -0.00 min
Lab File: BG039589.D
Acq: 25 Feb 2019 16:35

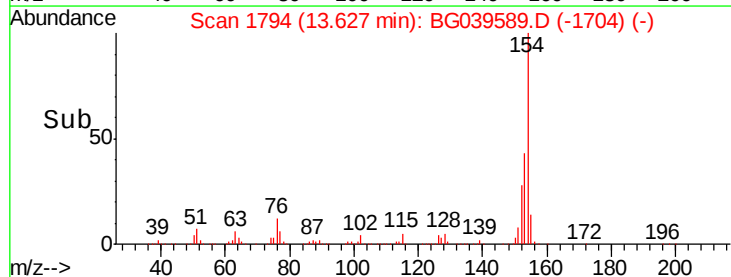
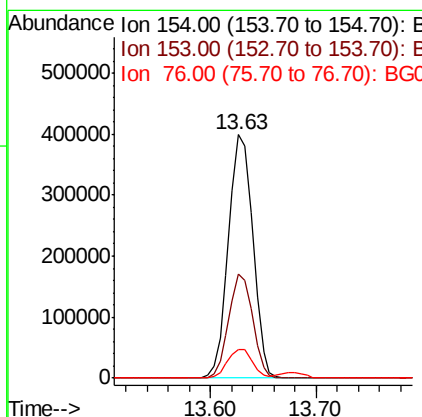
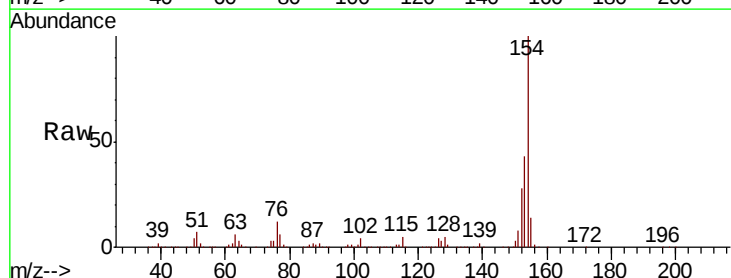
Instrument :
BNA_G
ClientSampleId :
COMPMSSD

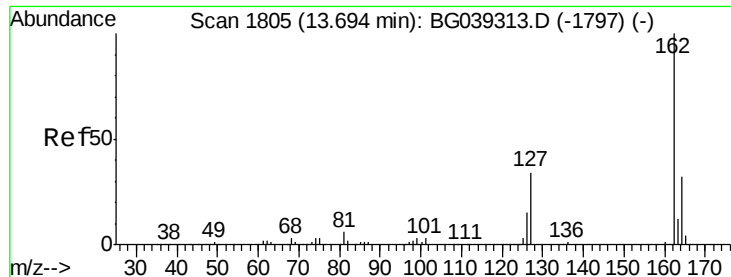
Tot Ion:172 Resp: 1002047
Ion Ratio Lower Upper
172 100
171 38.2 30.8 46.2
170 26.0 20.2 30.4



#46
1,1'-Biphenyl
Concen: 47.493 ng
RT: 13.63 min Scan# 1794
Delta R.T. -0.00 min
Lab File: BG039589.D
Acq: 25 Feb 2019 16:35

Tgt Ion:154 Resp: 637995
Ion Ratio Lower Upper
154 100
153 42.6 22.1 62.1
76 12.0 0.0 32.4

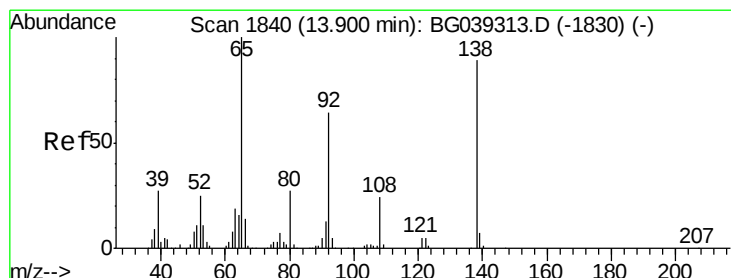
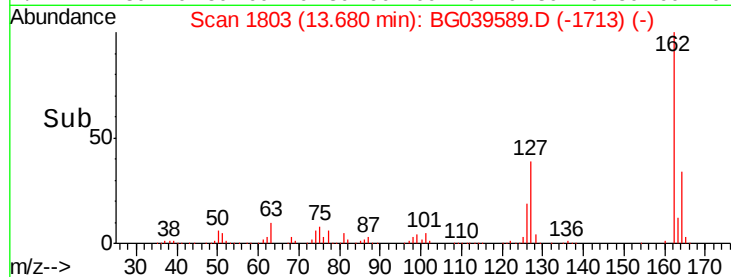
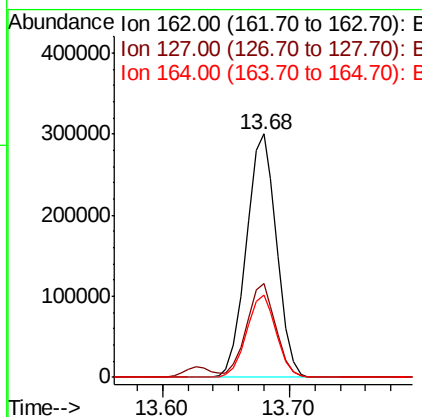
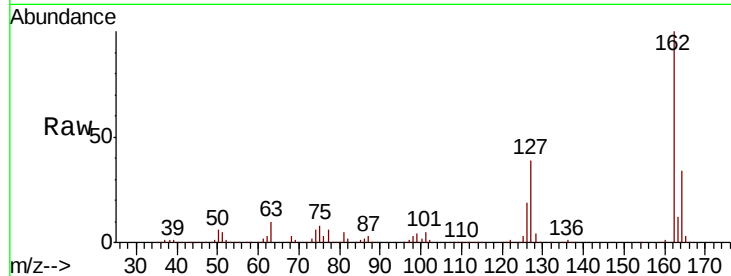




#47
 2-Chloronaphthalene
 Concen: 49.119 ng
 RT: 13.68 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: BG039589.D
 Acq: 25 Feb 2019 16:35

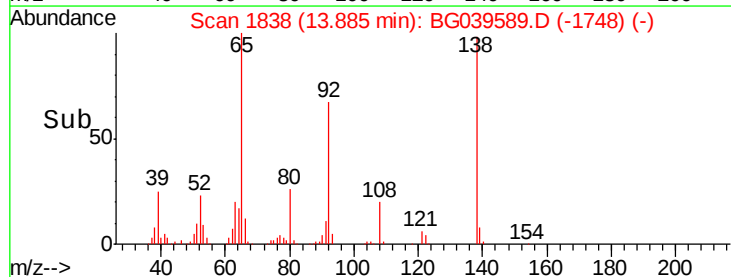
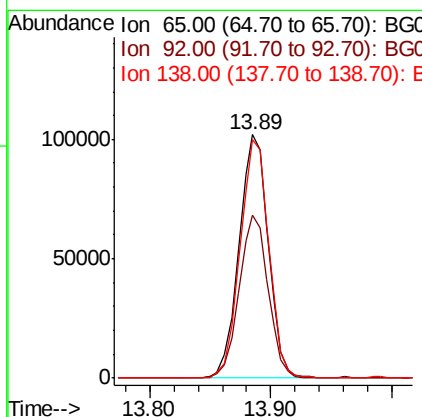
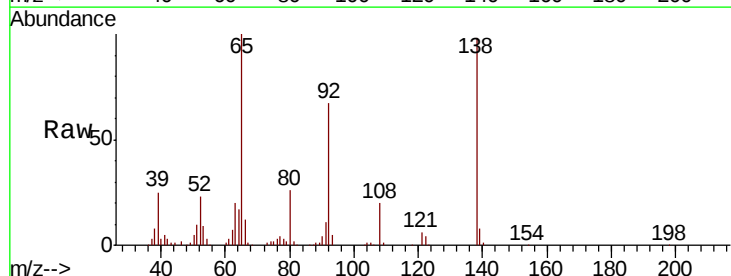
Instrument :
 BNA_G
 ClientSampleId :
 COMPMSSD

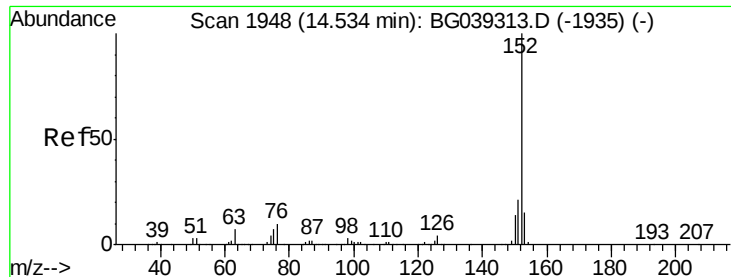
Tot Ion:162 Resp: 496377
 Ion Ratio Lower Upper
 162 100
 127 38.6 31.0 46.6
 164 33.8 25.7 38.5



#48
 2-Nitroaniline
 Concen: 57.228 ng
 RT: 13.89 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: BG039589.D
 Acq: 25 Feb 2019 16:35

Tgt Ion: 65 Resp: 171728
 Ion Ratio Lower Upper
 65 100
 92 66.8 51.4 77.2
 138 98.1 71.4 107.2





#49

Acenaphthylene

Concen: 51.838 ng

RT: 14.52 min Scan# 1946

Delta R.T. -0.00 min

Lab File: BG039589.D

Acq: 25 Feb 2019 16:35

Instrument :

BNA_G

ClientSampleId :

COMPMSSD

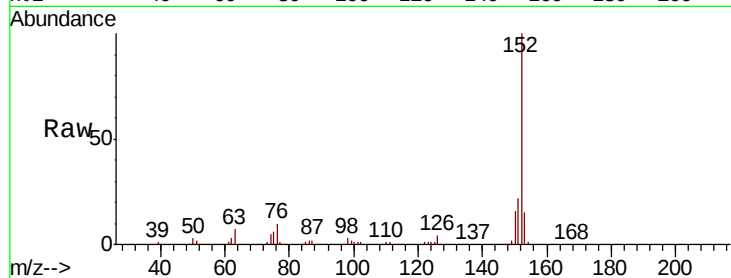
Tot Ion:152 Resp: 790454

Ion Ratio Lower Upper

152 100

151 21.9 16.8 25.2

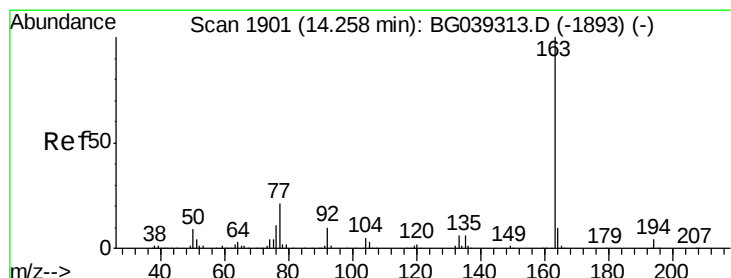
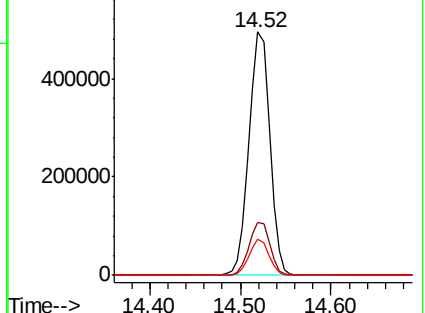
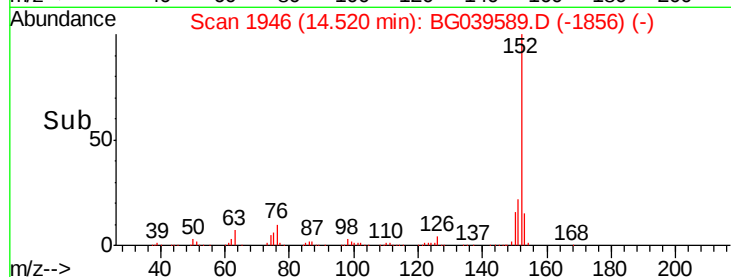
153 14.7 11.7 17.5



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 50.135 ng

RT: 14.24 min Scan# 1899

Delta R.T. 0.01 min

Lab File: BG039589.D

Acq: 25 Feb 2019 16:35

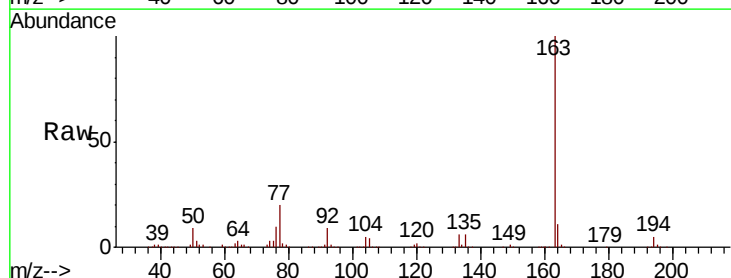
Tgt Ion:163 Resp: 653747

Ion Ratio Lower Upper

163 100

194 4.8 3.6 5.4

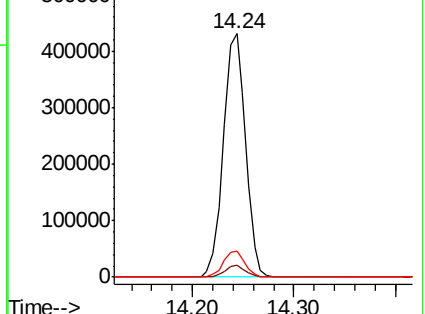
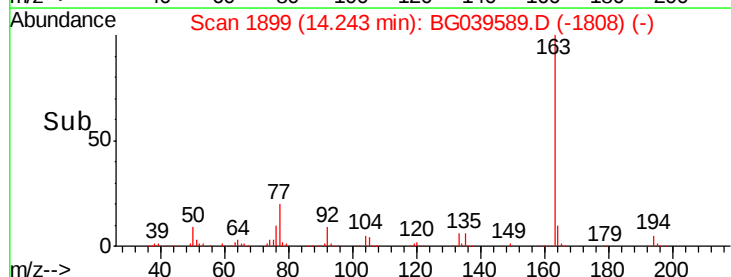
164 10.8 8.4 12.6

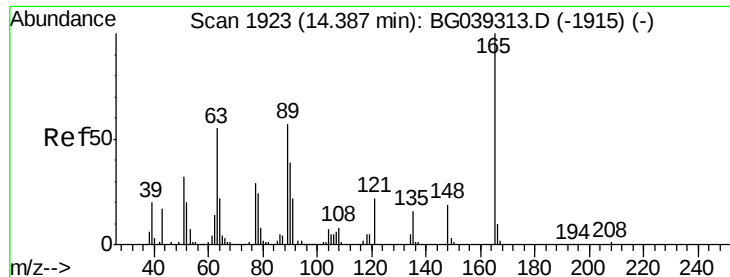


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

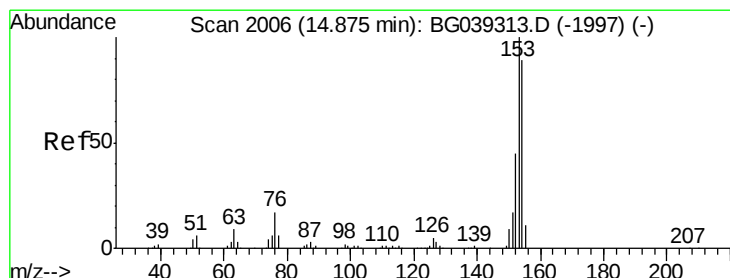
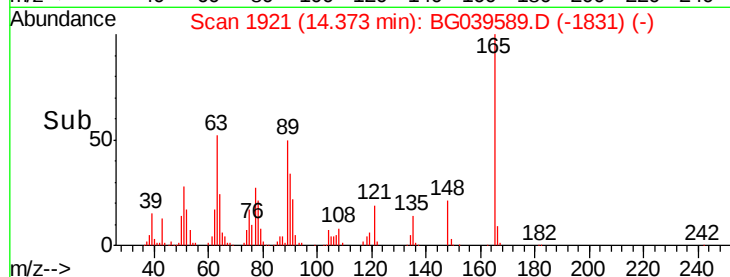
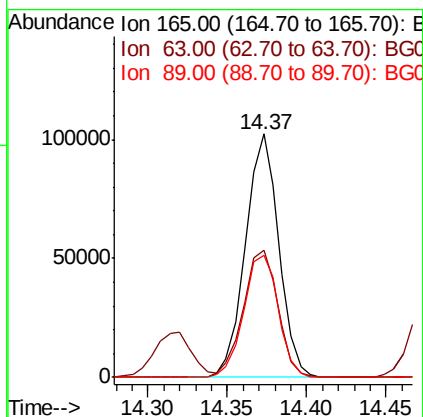
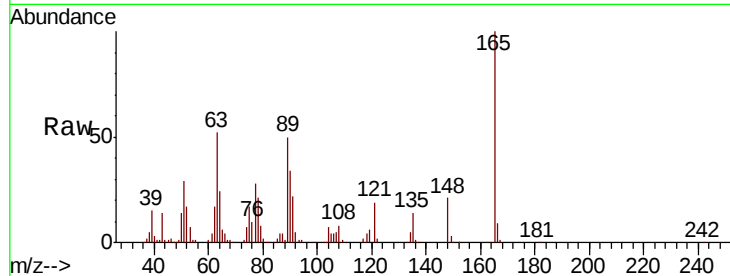




#51
 2,6-Dinitrotoluene
 Concen: 59.463 ng
 RT: 14.37 min Scan# 1921
 Delta R.T. -0.00 min
 Lab File: BG039589.D
 Acq: 25 Feb 2019 16:35

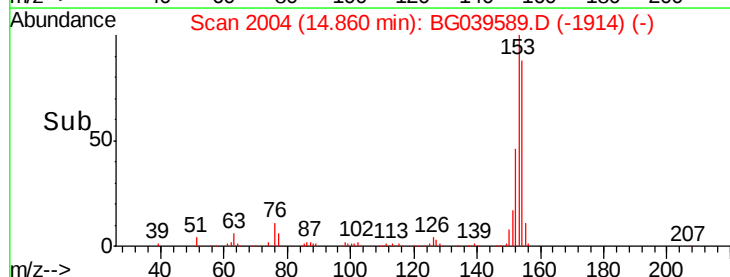
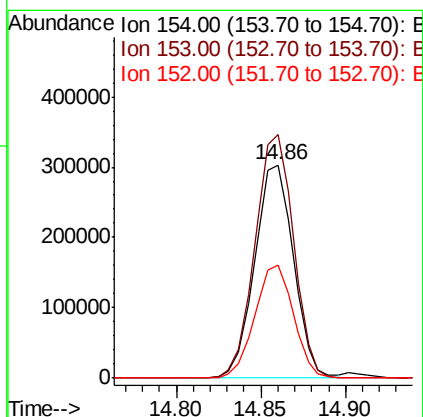
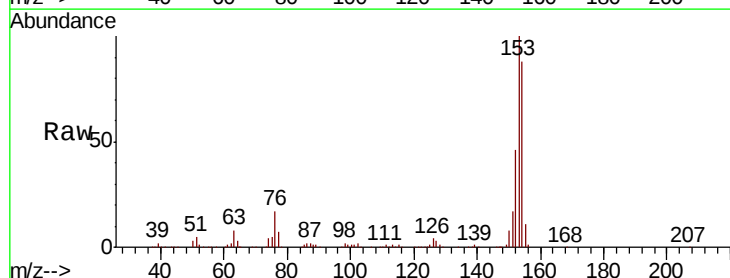
Instrument :
 BNA_G
 ClientSampleId :
 COMPMSSD

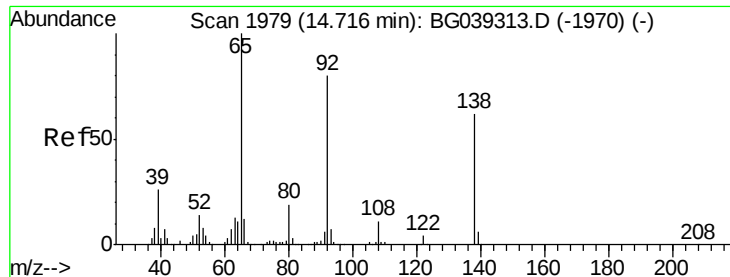
Tot Ion	Ratio	Lower	Upper
165	100		
63	52.0	47.0	70.6
89	50.4	45.8	68.8



#52
 Acenaphthene
 Concen: 48.811 ng
 RT: 14.86 min Scan# 2004
 Delta R.T. -0.00 min
 Lab File: BG039589.D
 Acq: 25 Feb 2019 16:35

Tgt Ion	Ratio	Lower	Upper
154	100		
153	114.2	90.1	135.1
152	53.1	40.9	61.3

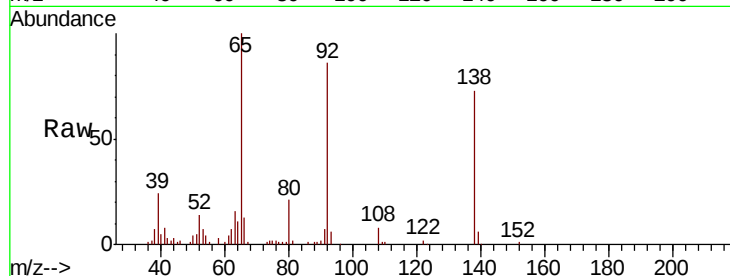




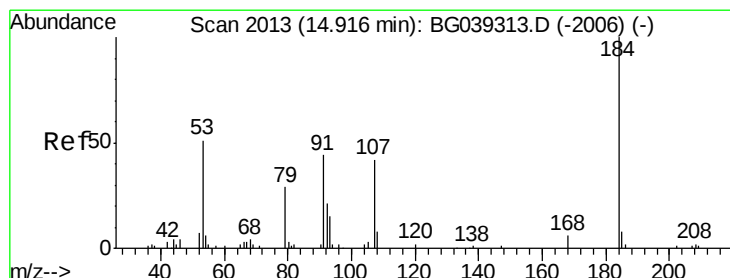
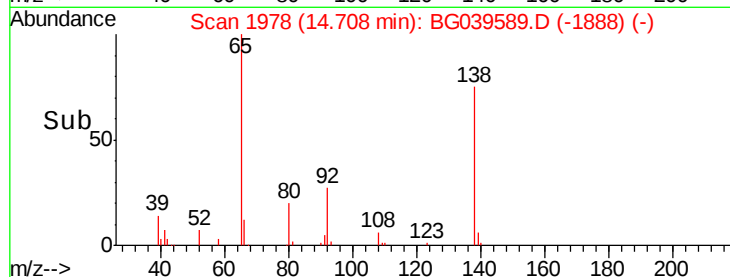
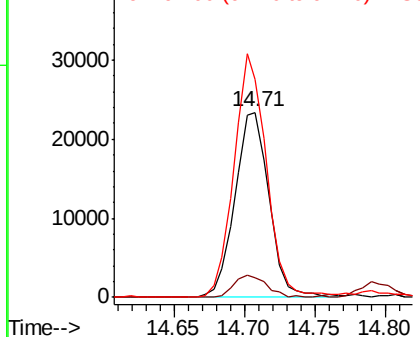
#53
3-Nitroaniline
Concen: 19.028 ng
RT: 14.71 min Scan# 1978
Delta R.T. -0.00 min
Lab File: BG039589.D
Acq: 25 Feb 2019 16:35

Instrument :
BNA_G
ClientSampleId :
COMPMSSD

Tot Ion:138 Resp: 39580
Ion Ratio Lower Upper
138 100
108 10.9 13.8 20.8#
92 118.0 103.7 155.5

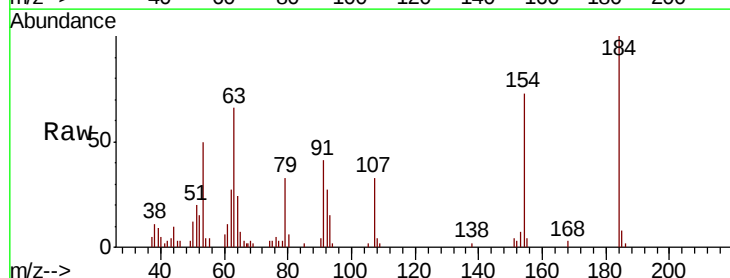


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BGC

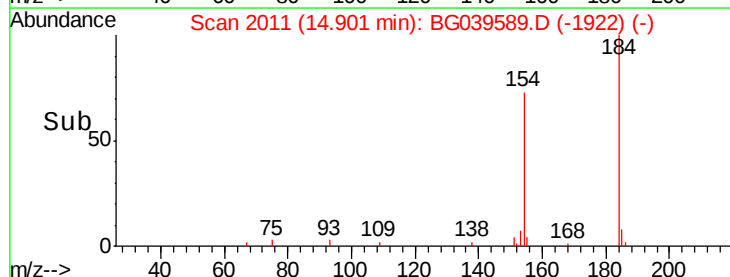
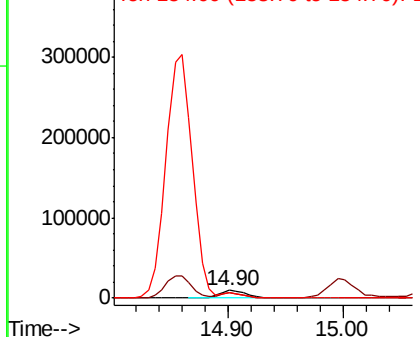


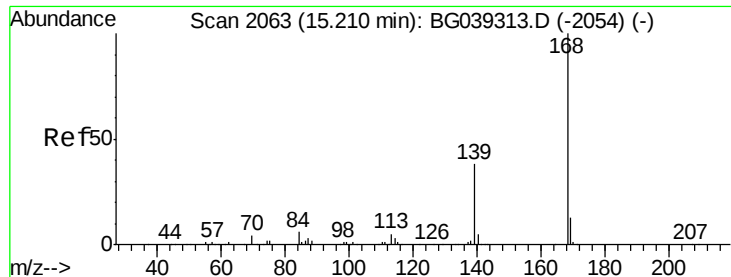
#54
2,4-Dinitrophenol
Concen: 23.780 ng
RT: 14.90 min Scan# 2011
Delta R.T. -0.01 min
Lab File: BG039589.D
Acq: 25 Feb 2019 16:35

Tgt Ion:184 Resp: 16309
Ion Ratio Lower Upper
184 100
63 65.8 50.9 76.3
154 72.6 53.0 79.6



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 154.00 (153.70 to 154.70): E

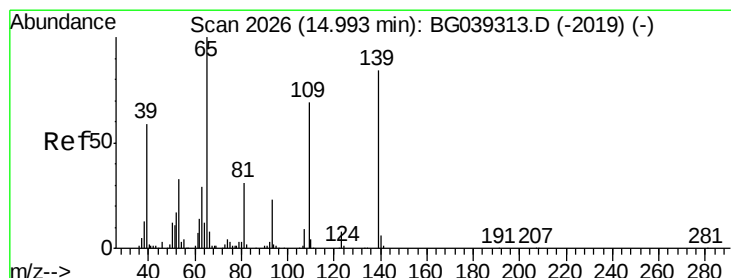
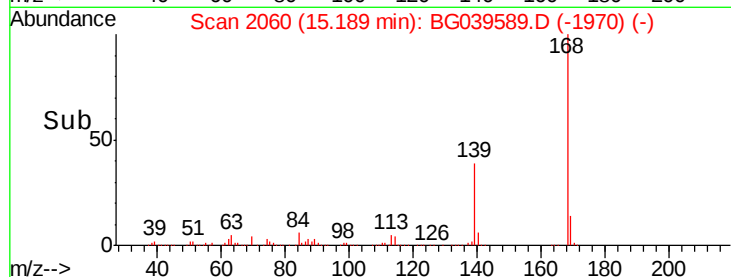
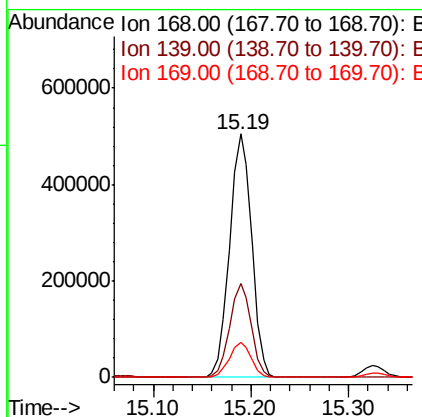
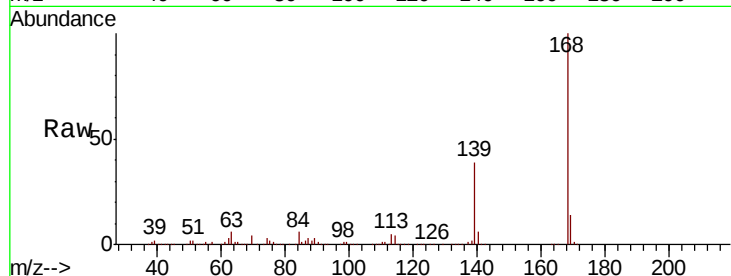




#55
Dibenzofuran
Concen: 49.737 ng
RT: 15.19 min Scan# 2060
Delta R.T. -0.00 min
Lab File: BG039589.D
Acq: 25 Feb 2019 16:35

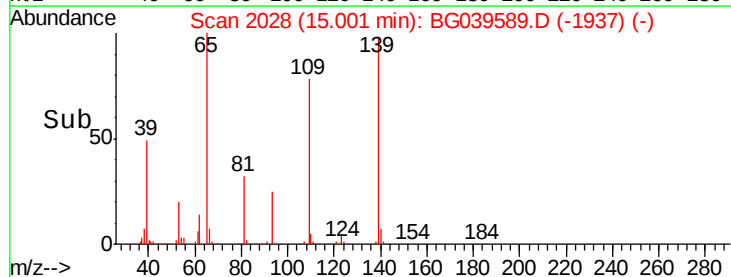
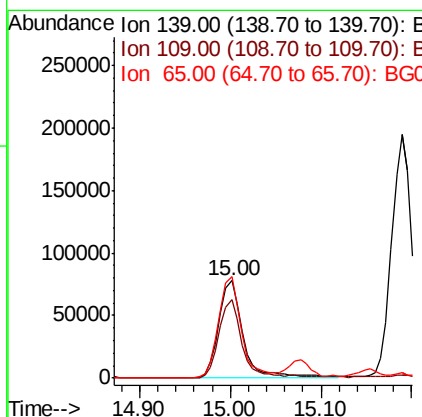
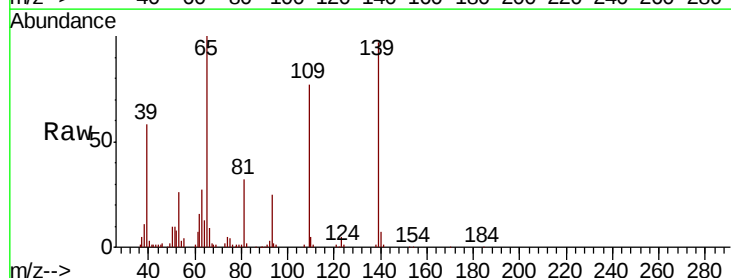
Instrument :
BNA_G
ClientSampleId :
COMPMSD

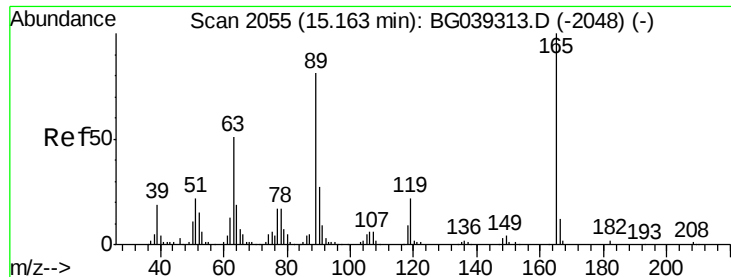
Tot Ion:168 Resp: 789326
Ion Ratio Lower Upper
168 100
139 38.5 30.1 45.1
169 14.3 10.6 16.0



#56
4-Nitrophenol
Concen: 63.395 ng
RT: 15.00 min Scan# 2028
Delta R.T. 0.01 min
Lab File: BG039589.D
Acq: 25 Feb 2019 16:35

Tgt Ion:139 Resp: 146409
Ion Ratio Lower Upper
139 100
109 79.9 61.9 101.9
65 103.6 99.1 139.1

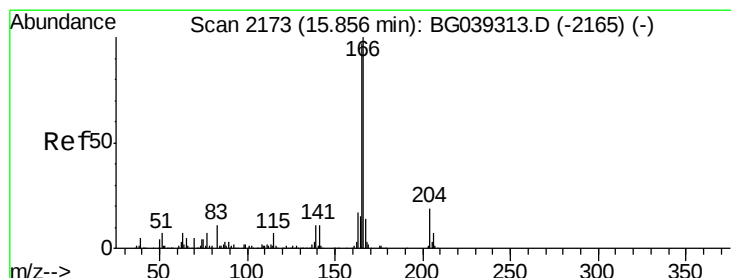
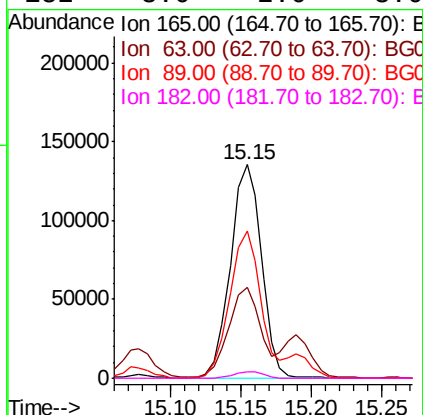
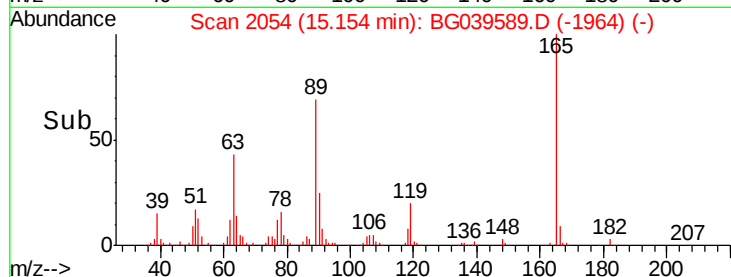
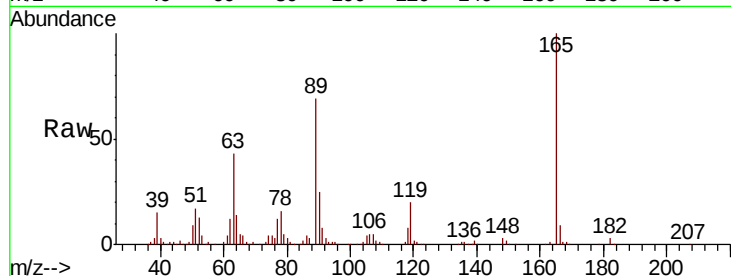




#57
2,4-Dinitrotoluene
Concen: 63.277 ng
RT: 15.15 min Scan# 2054
Delta R.T. -0.00 min
Lab File: BG039589.D
Acq: 25 Feb 2019 16:35

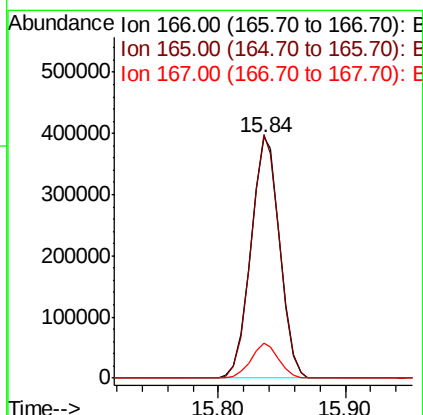
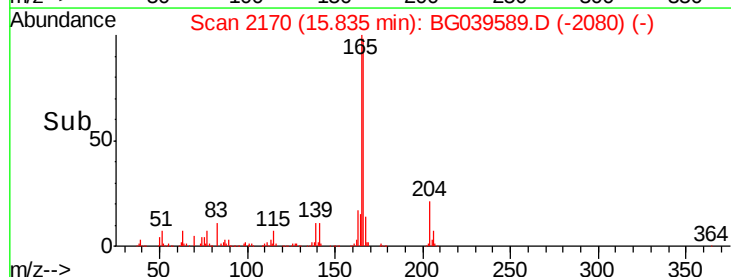
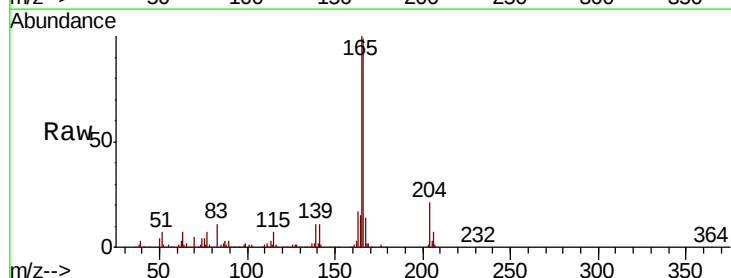
Instrument :
BNA_G
ClientSampleId :
COMPMSD

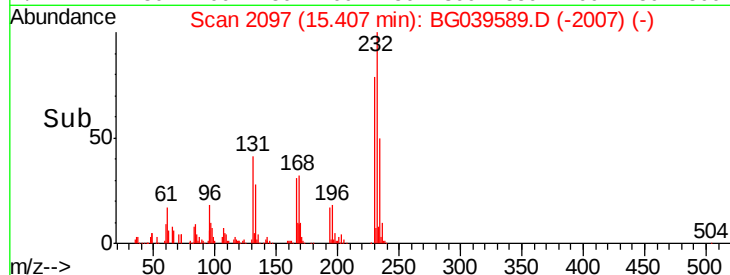
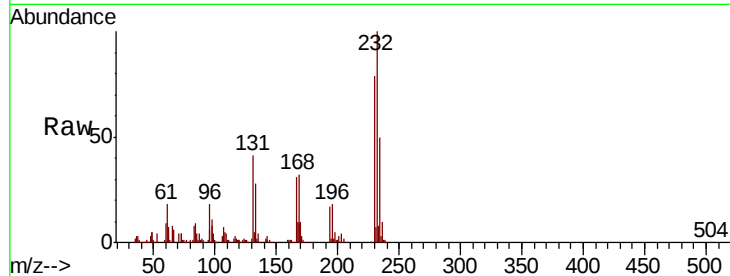
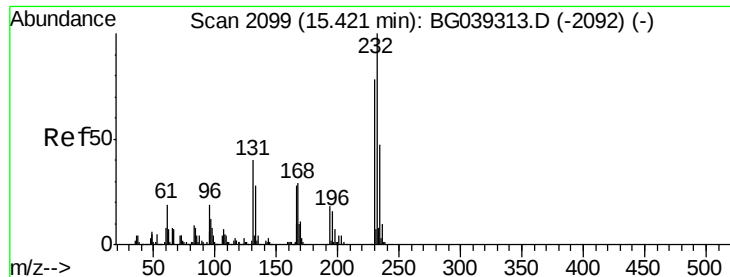
Tot Ion:165 Resp: 206821
Ion Ratio Lower Upper
165 100
63 42.7 41.0 61.6
89 68.7 64.6 96.8
182 3.0 2.0 3.0



#58
Fluorene
Concen: 52.779 ng
RT: 15.84 min Scan# 2170
Delta R.T. -0.00 min
Lab File: BG039589.D
Acq: 25 Feb 2019 16:35

Tgt Ion:166 Resp: 624404
Ion Ratio Lower Upper
166 100
165 101.2 77.9 116.9
167 14.3 10.8 16.2

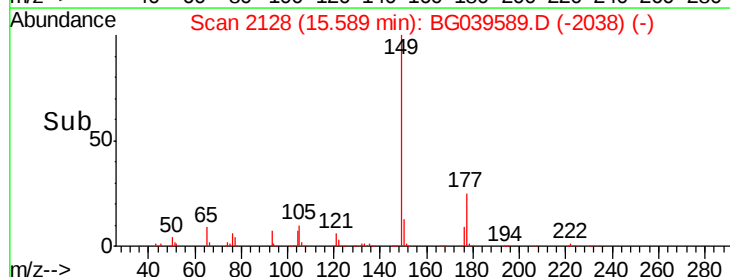
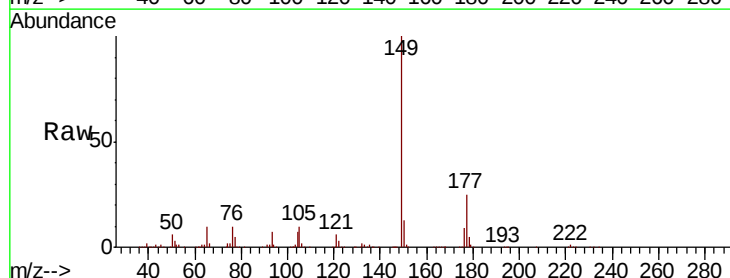
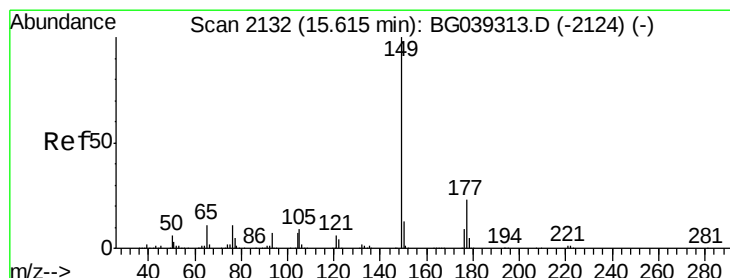
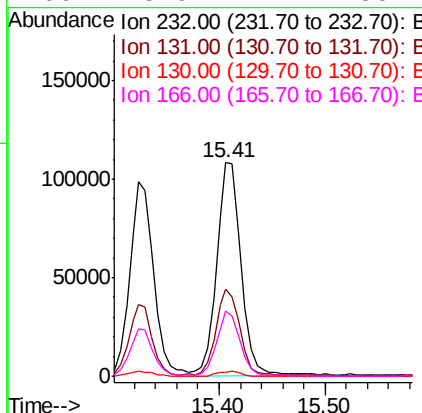




#59
2,3,4,6-Tetrachlorophenol
Concen: 56.189 ng
RT: 15.41 min Scan# 2097
Delta R.T. -0.00 min
Lab File: BG039589.D
Acq: 25 Feb 2019 16:35

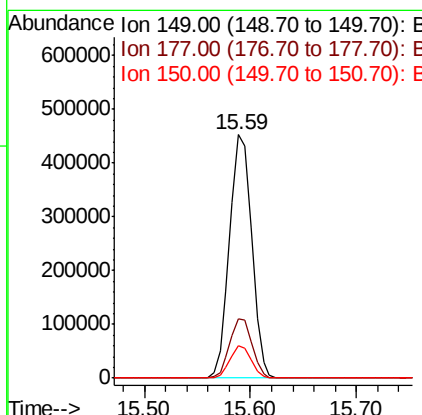
Instrument :
BNA_G
ClientSampleId :
COMPMSSD

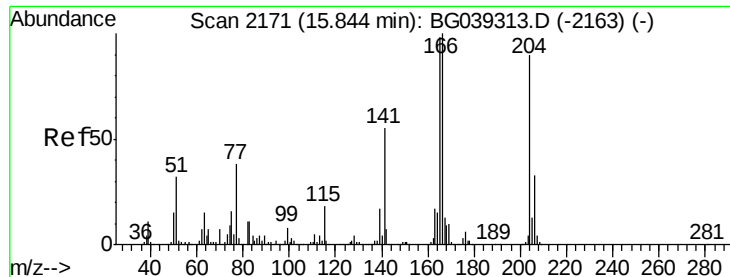
Tot Ion:232	Resp:	174160
Ion Ratio	Lower	Upper
232	100	
131	40.1	34.9 52.3
130	2.3	2.0 3.0
166	28.9	24.1 36.1



#60
Diethylphthalate
Concen: 48.740 ng
RT: 15.59 min Scan# 2128
Delta R.T. -0.00 min
Lab File: BG039589.D
Acq: 25 Feb 2019 16:35

Tgt Ion:149	Resp:	657118
Ion Ratio	Lower	Upper
149	100	
177	24.6	18.3 27.5
150	13.5	10.2 15.2

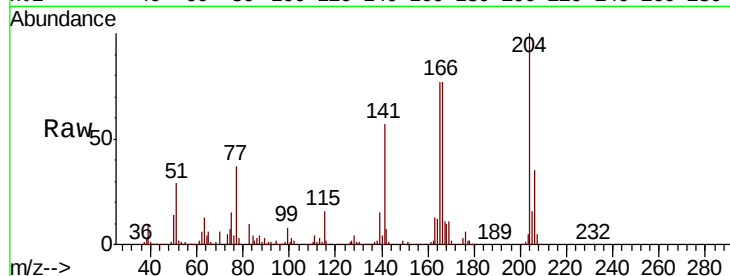




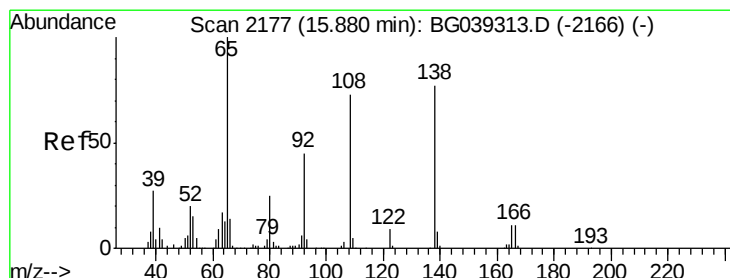
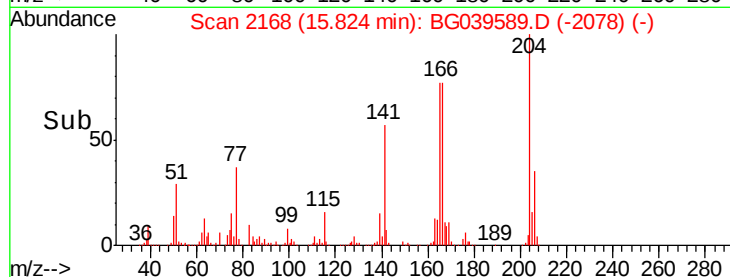
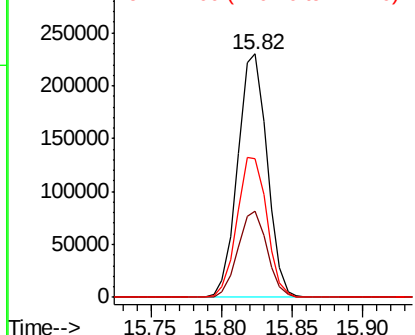
#61
4-Chlorophenyl-phenylether
Concen: 49.993 ng
RT: 15.82 min Scan# 2168
Delta R.T. -0.00 min
Lab File: BG039589.D
Acq: 25 Feb 2019 16:35

Instrument :
BNA_G
ClientSampleId :
COMPMSD

Tot Ion:204 Resp: 334892
Ion Ratio Lower Upper
204 100
206 35.5 29.2 43.8
141 57.0 49.0 73.4

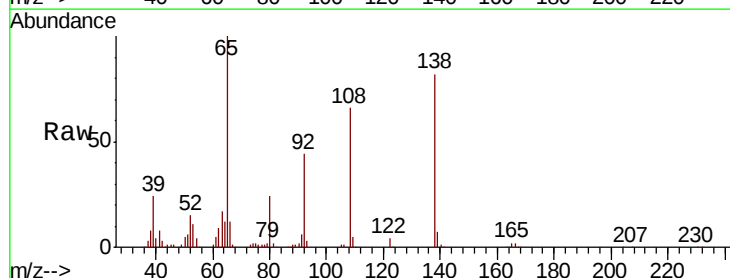


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

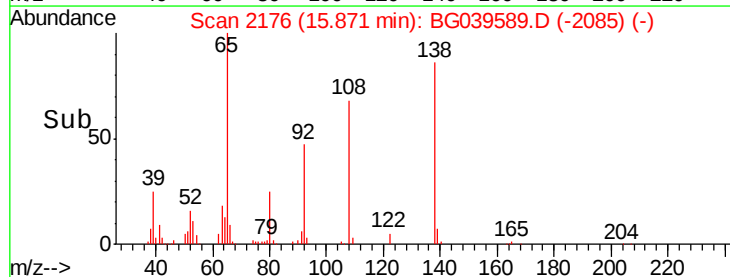
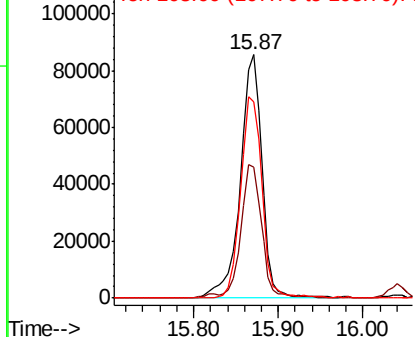


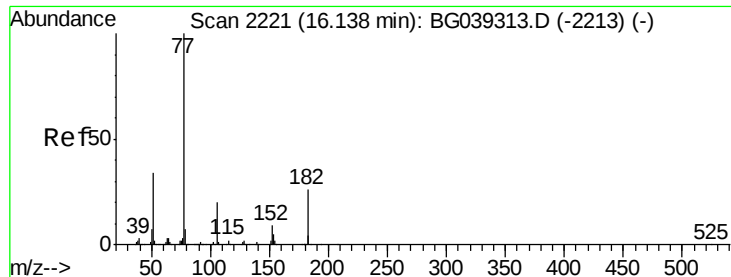
#62
4-Nitroaniline
Concen: 54.872 ng
RT: 15.87 min Scan# 2176
Delta R.T. 0.01 min
Lab File: BG039589.D
Acq: 25 Feb 2019 16:35

Tgt Ion:138 Resp: 151845
Ion Ratio Lower Upper
138 100
92 53.8 38.7 78.7
108 80.6 74.6 114.6



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: 44.963 ng

RT: 16.12 min Scan# 2218

Delta R.T. -0.00 min

Lab File: BG039589.D

Acq: 25 Feb 2019 16:35

Instrument :

BNA_G

ClientSampleId :

COMPMSD

Tot Ion: 77 Resp: 592496

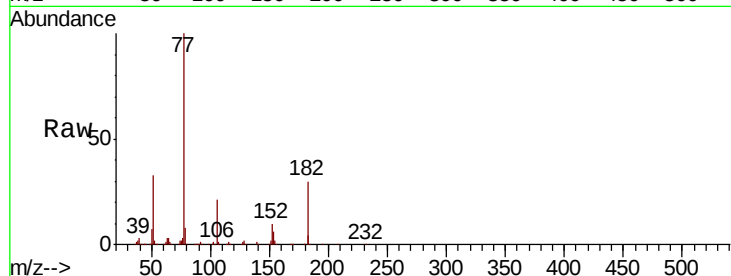
Ion Ratio Lower Upper

77 100

182 29.9 6.4 46.4

105 20.6 0.0 39.8

51 33.0 14.1 54.1

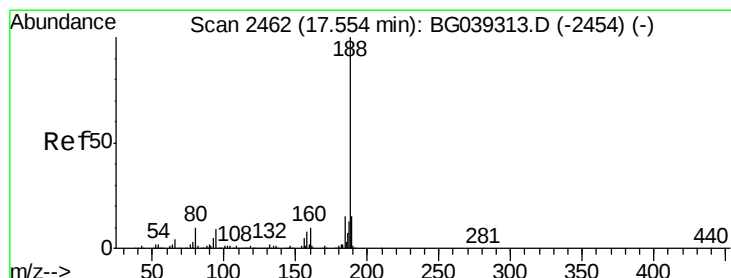
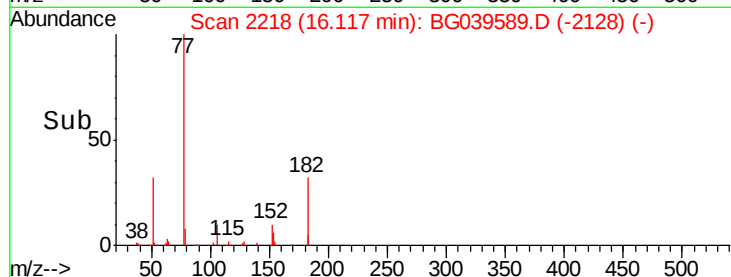
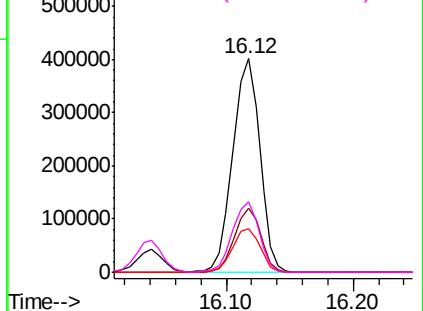


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 17.54 min Scan# 2460

Delta R.T. -0.00 min

Lab File: BG039589.D

Acq: 25 Feb 2019 16:35

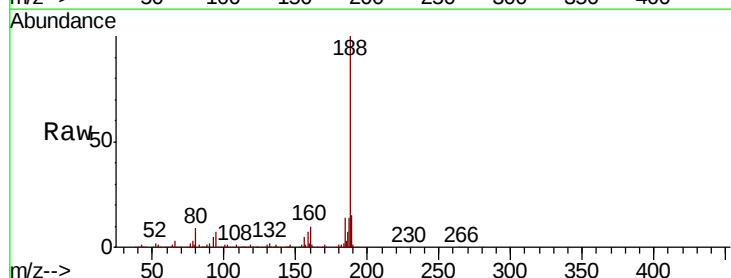
Tgt Ion: 188 Resp: 386765

Ion Ratio Lower Upper

188 100

94 7.3 6.9 10.3

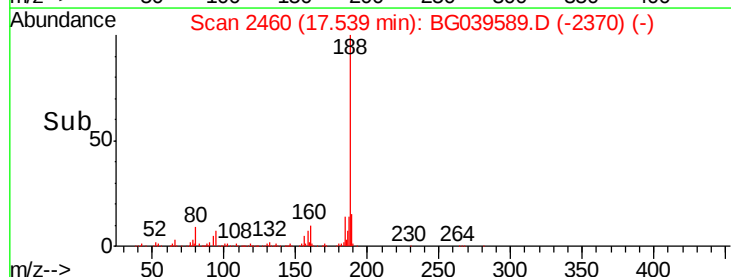
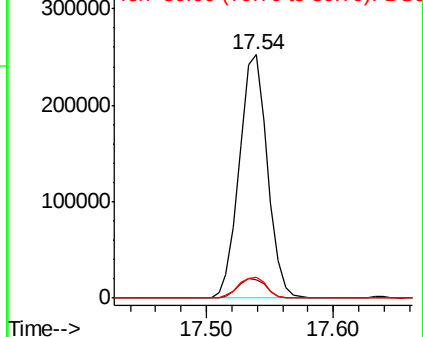
80 8.6 8.1 12.1

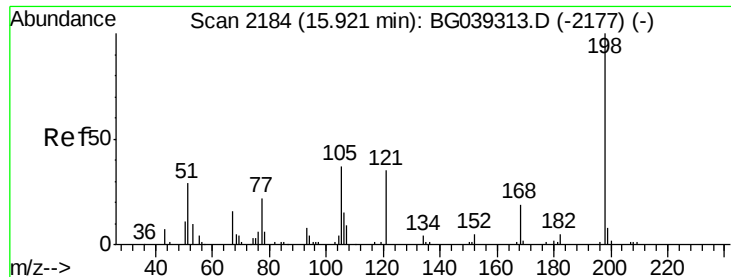


Abundance Ion 188.00 (187.70 to 188.70): BGC

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: 22.459 ng

RT: 15.91 min Scan# 2183

Delta R.T. -0.00 min

Lab File: BG039589.D

Acq: 25 Feb 2019 16:35

Instrument :

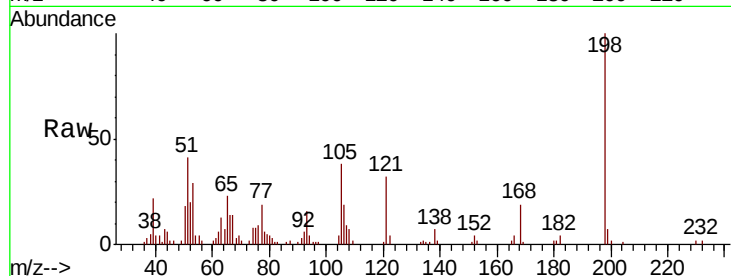
BNA_G

ClientSampleId :

COMPMSD

Tot Ion:198 Resp: 25409

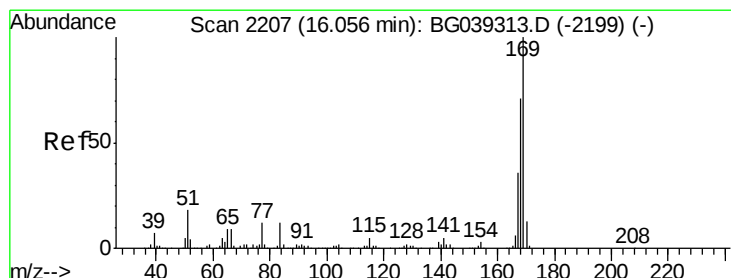
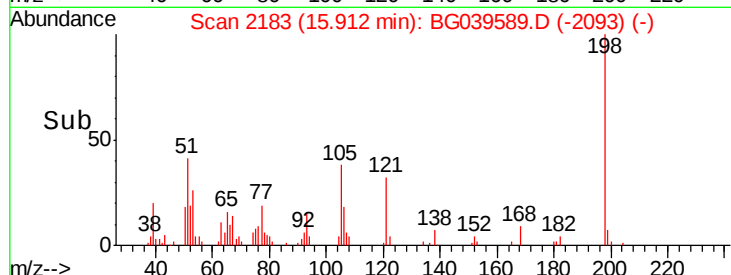
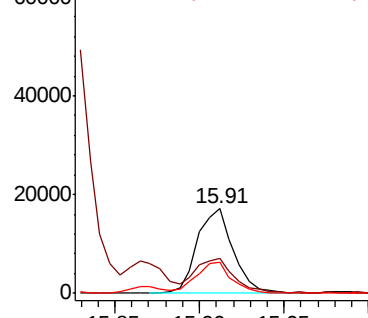
Ion	Ratio	Lower	Upper
198	100		
51	41.4	27.4	67.4
105	37.6	19.7	59.7



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG039589.D (-2177) (-)

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 48.295 ng

RT: 16.04 min Scan# 2205

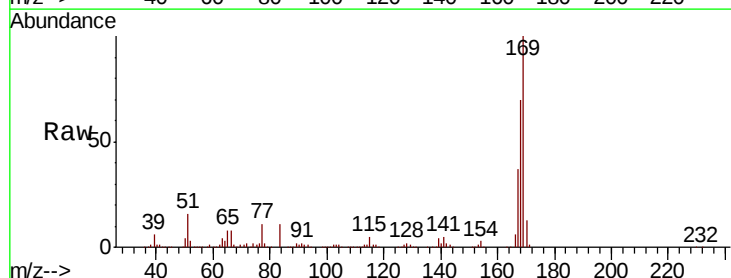
Delta R.T. -0.00 min

Lab File: BG039589.D

Acq: 25 Feb 2019 16:35

Tgt Ion:169 Resp: 567954

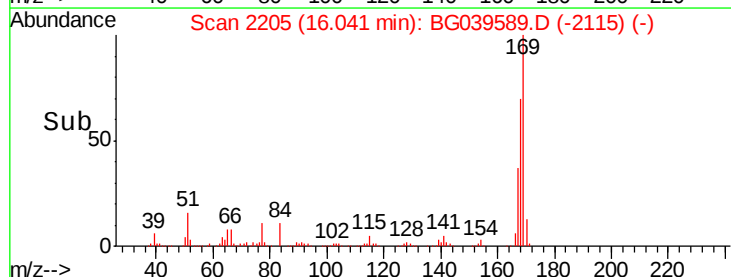
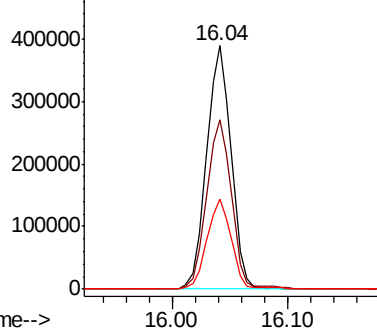
Ion	Ratio	Lower	Upper
169	100		
168	69.6	56.6	85.0
167	37.0	28.8	43.2

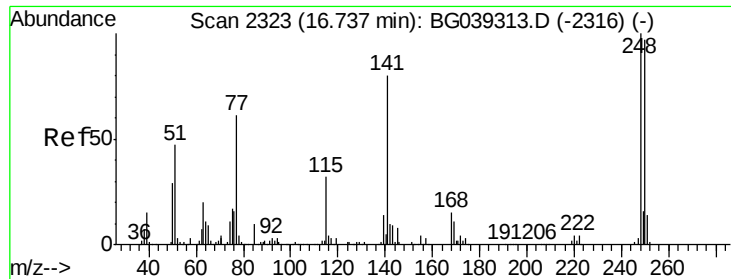


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

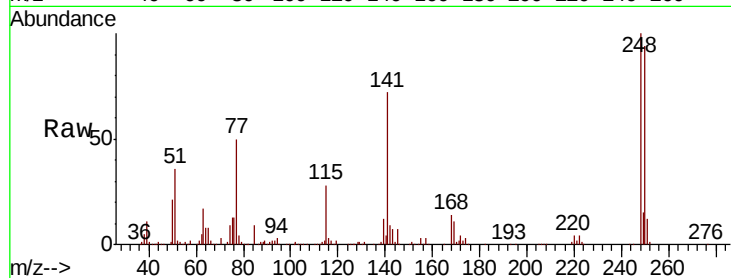




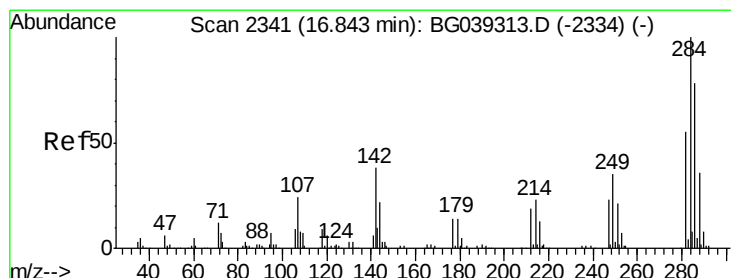
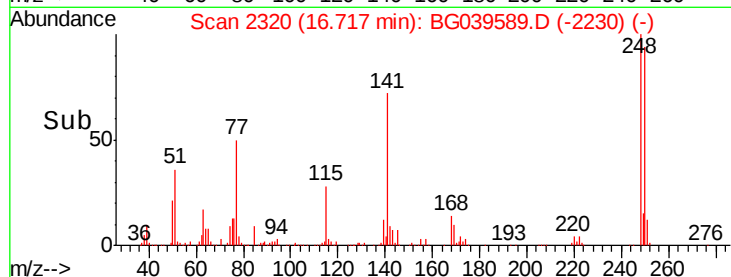
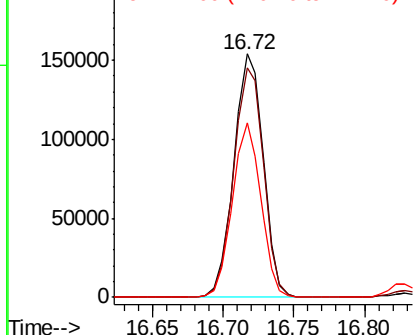
#67
4-Bromophenyl-phenylether
Concen: 52.115 ng
RT: 16.72 min Scan# 2320
Delta R.T. -0.00 min
Lab File: BG039589.D
Acq: 25 Feb 2019 16:35

Instrument :
BNA_G
ClientSampleId :
COMPMSD

Tot Ion:248 Resp: 223613
Ion Ratio Lower Upper
248 100
250 94.5 77.6 116.4
141 71.8 63.9 95.9

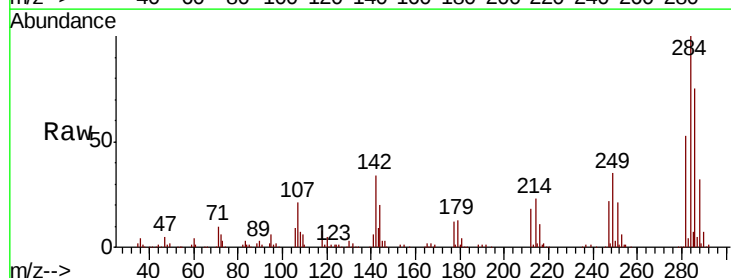


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

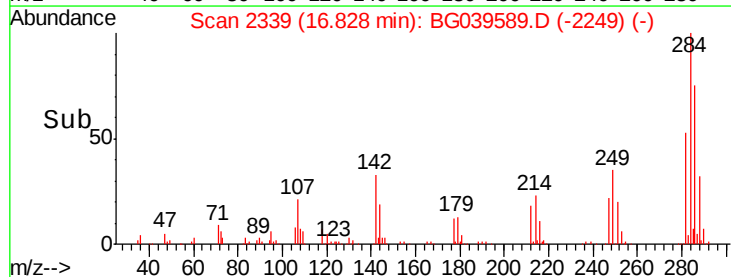
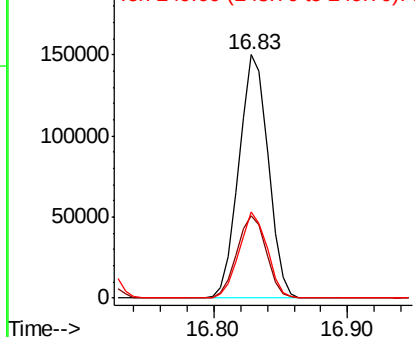


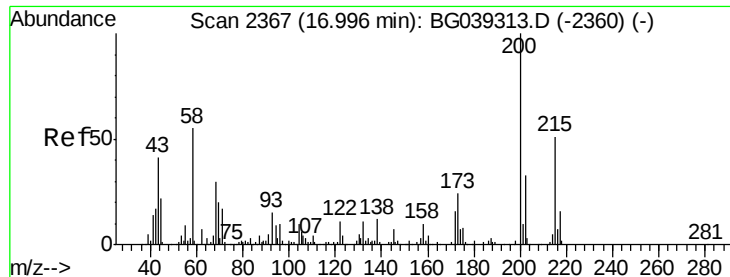
#68
Hexachlorobenzene
Concen: 52.869 ng
RT: 16.83 min Scan# 2339
Delta R.T. -0.00 min
Lab File: BG039589.D
Acq: 25 Feb 2019 16:35

Tgt Ion:284 Resp: 227594
Ion Ratio Lower Upper
284 100
142 33.8 30.6 45.8
249 35.2 28.2 42.2



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 49.184 ng

RT: 16.98 min Scan# 2365

Delta R.T. 0.01 min

Lab File: BG039589.D

Acq: 25 Feb 2019 16:35

Instrument :

BNA_G

ClientSampleId :

COMPMSSD

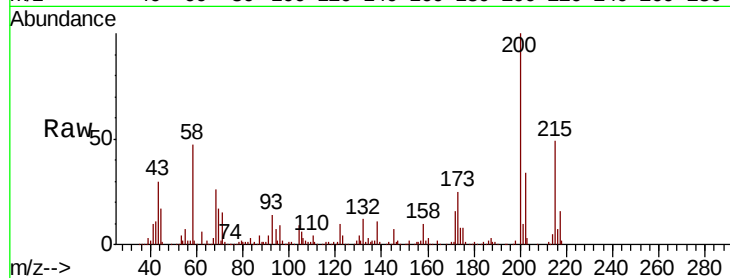
Tot Ion:200 Resp: 211375

Ion Ratio Lower Upper

200 100

173 25.3 3.9 43.9

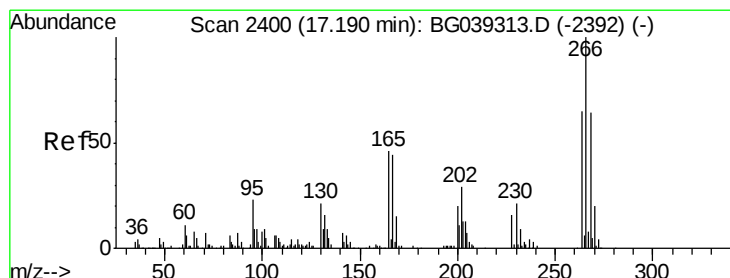
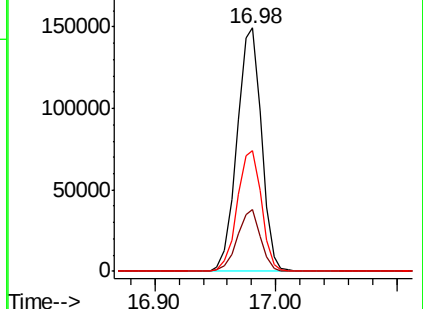
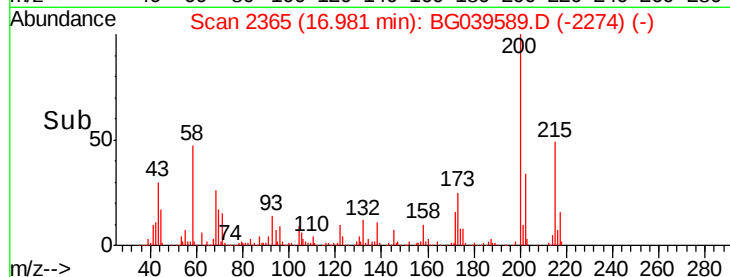
215 49.4 30.9 70.9



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: 40.088 ng

RT: 17.17 min Scan# 2398

Delta R.T. -0.00 min

Lab File: BG039589.D

Acq: 25 Feb 2019 16:35

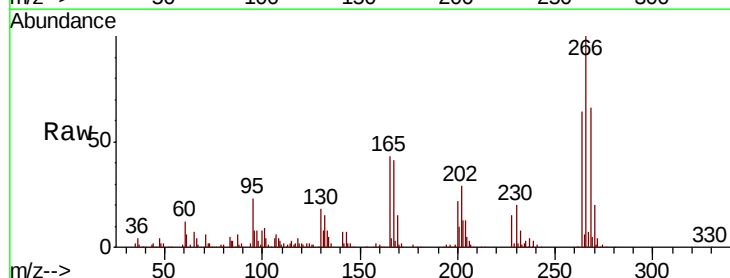
Tgt Ion:266 Resp: 119943

Ion Ratio Lower Upper

266 100

268 66.0 51.1 76.7

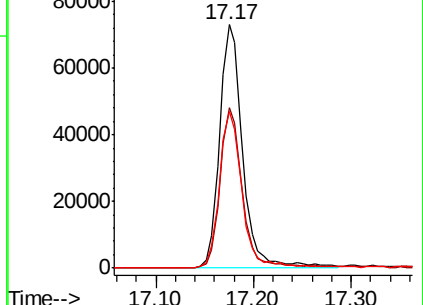
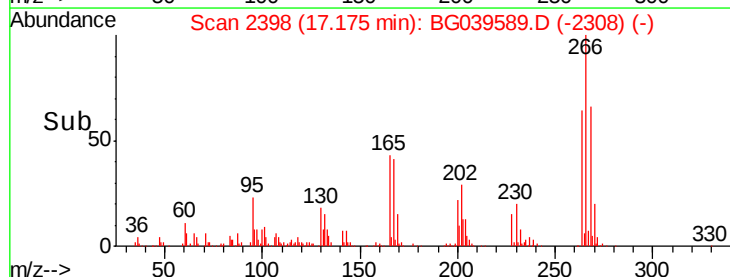
264 64.4 52.1 78.1

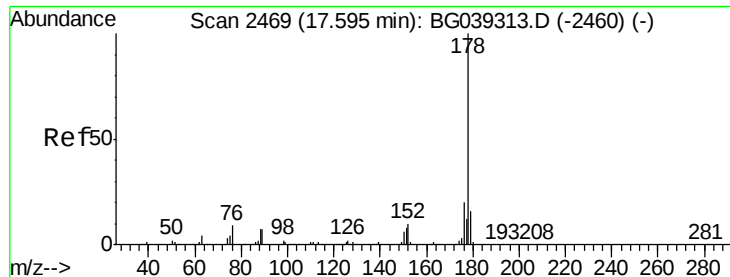


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

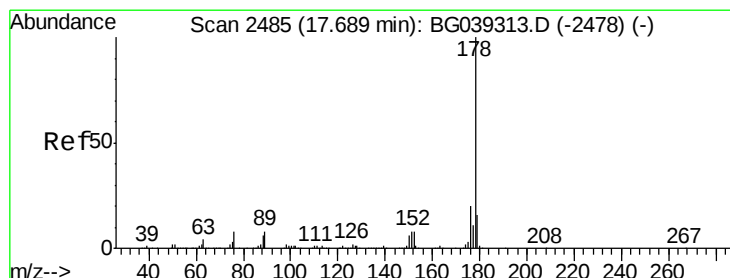
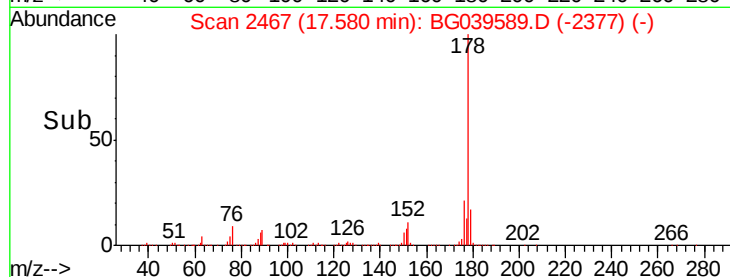
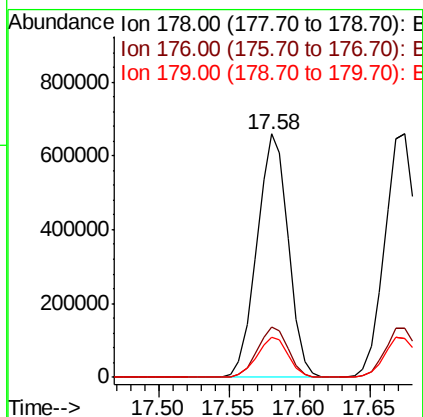
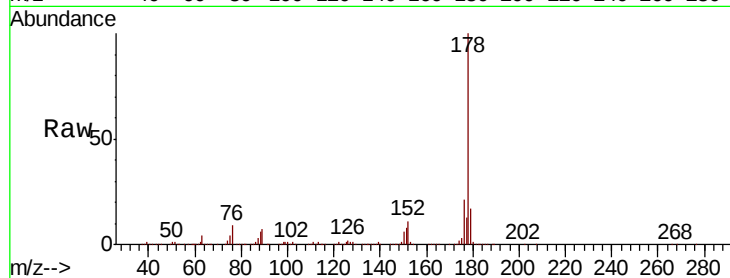




#71
Phenanthrene
Concen: 51.259 ng
RT: 17.58 min Scan# 2467
Delta R.T. -0.00 min
Lab File: BG039589.D
Acq: 25 Feb 2019 16:35

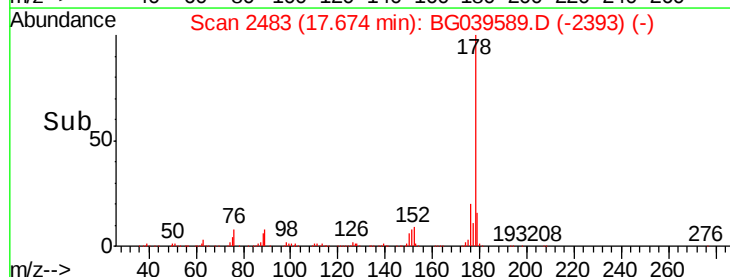
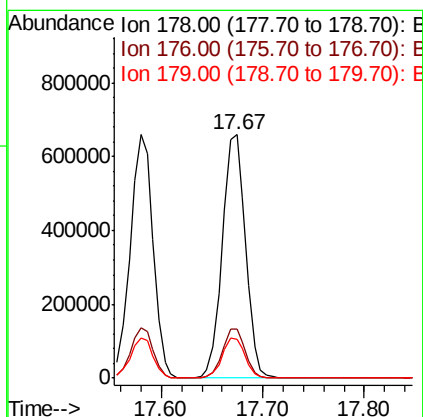
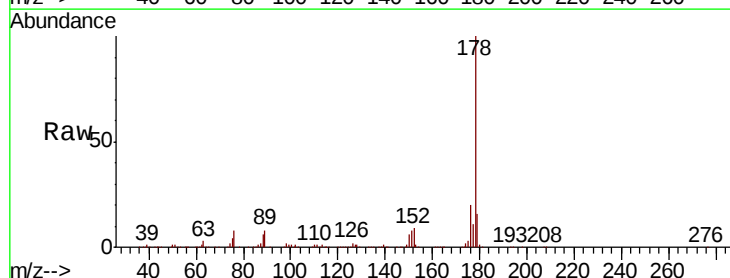
Instrument :
BNA_G
ClientSampleId :
COMPMSD

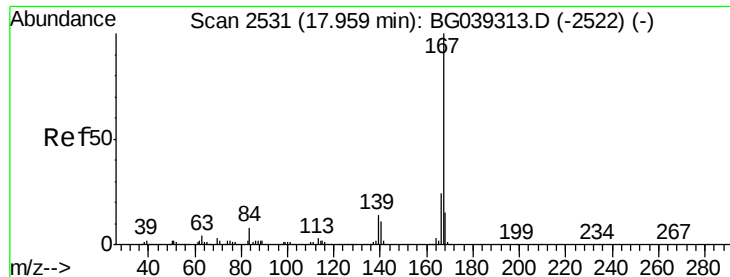
Tot Ion:178 Resp: 1026101
Ion Ratio Lower Upper
178 100
176 20.8 16.2 24.4
179 16.6 12.6 19.0



#72
Anthracene
Concen: 52.998 ng
RT: 17.67 min Scan# 2483
Delta R.T. -0.00 min
Lab File: BG039589.D
Acq: 25 Feb 2019 16:35

Tgt Ion:178 Resp: 1044997
Ion Ratio Lower Upper
178 100
176 20.2 15.8 23.6
179 16.2 12.5 18.7

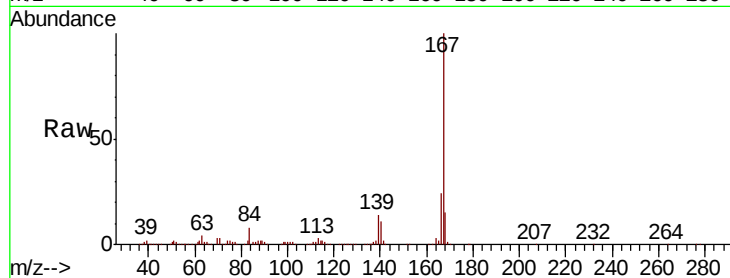




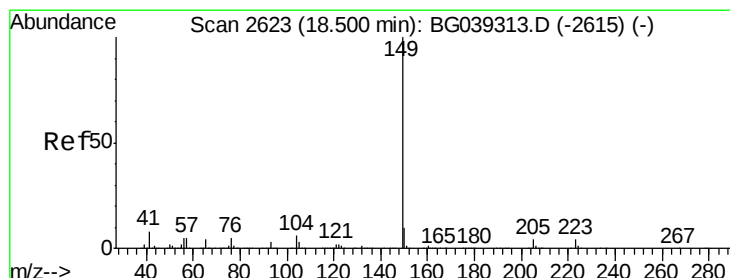
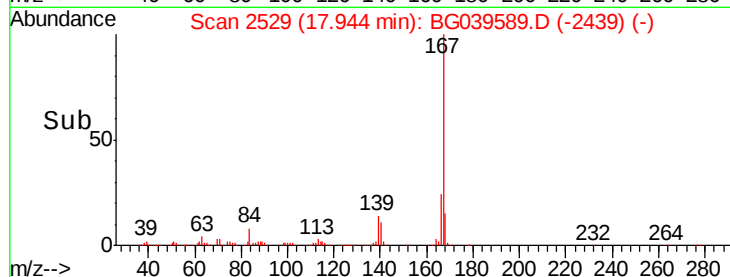
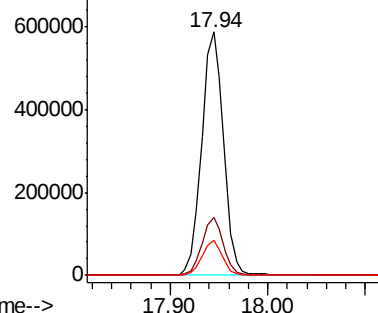
#73
 Carbazole
 Concen: 46.351 ng
 RT: 17.94 min Scan# 2529
 Delta R.T. -0.00 min
 Lab File: BG039589.D
 Acq: 25 Feb 2019 16:35

Instrument :
 BNA_G
 ClientSampleId :
 COMPMASD

Tot Ion	Ratio	Lower	Upper
167	100		
166	24.0	19.4	29.2
139	14.1	10.8	16.2

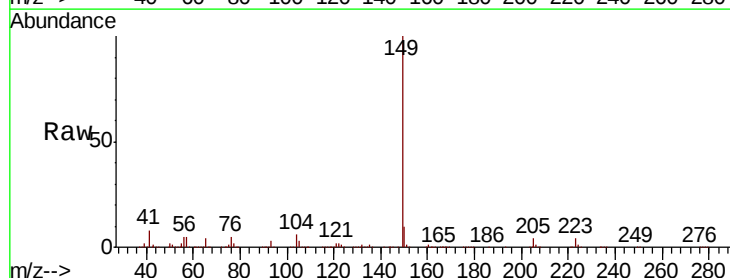


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

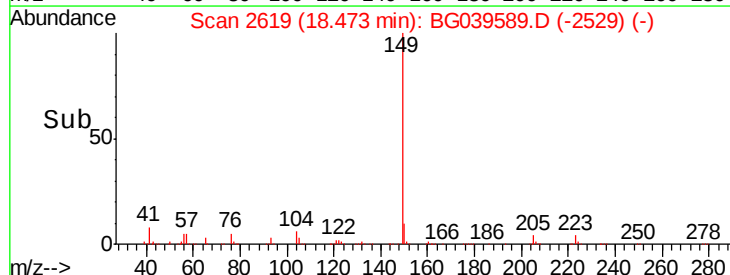
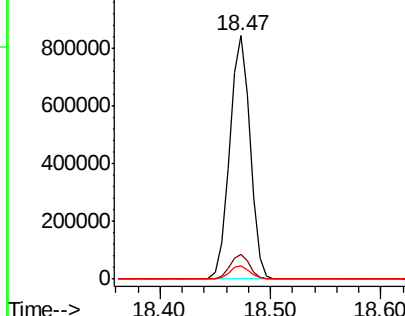


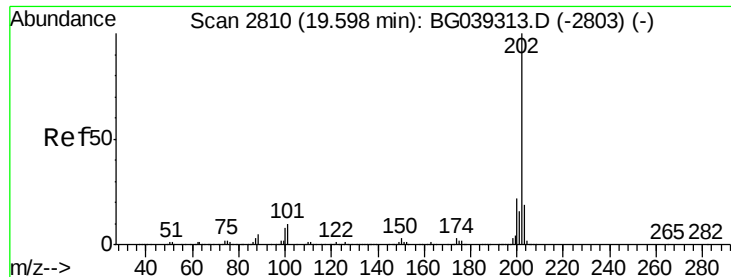
#74
 Di-n-butylphthalate
 Concen: 47.849 ng
 RT: 18.47 min Scan# 2619
 Delta R.T. -0.00 min
 Lab File: BG039589.D
 Acq: 25 Feb 2019 16:35

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.0	7.7	11.5
104	5.6	4.5	6.7



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





#75

Fluoranthene

Concen: 51.455 ng

RT: 19.58 min Scan# 2808

Delta R.T. 0.01 min

Lab File: BG039589.D

Acq: 25 Feb 2019 16:35

Instrument :

BNA_G

ClientSampleId :

COMPMSSD

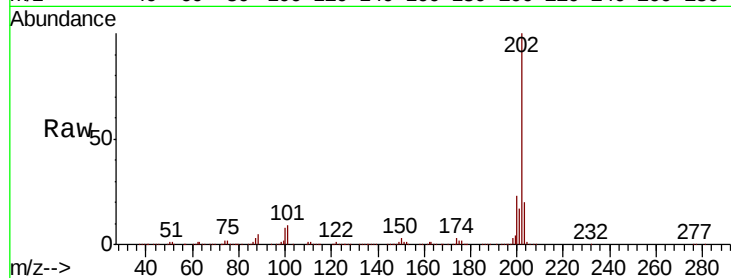
Tot Ion:202 Resp: 1195536

Ion Ratio Lower Upper

202 100

101 9.2 0.0 30.0

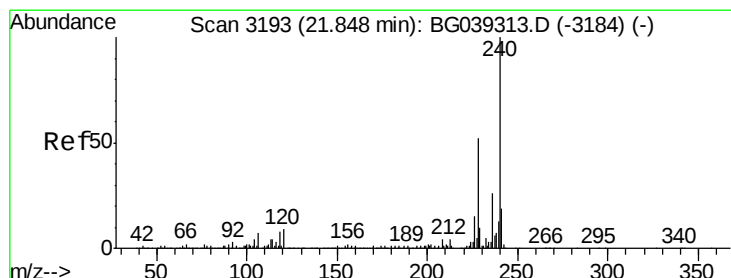
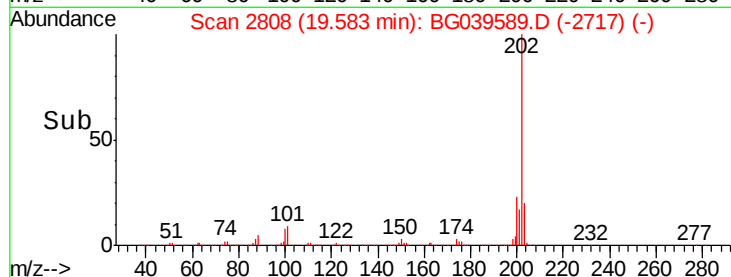
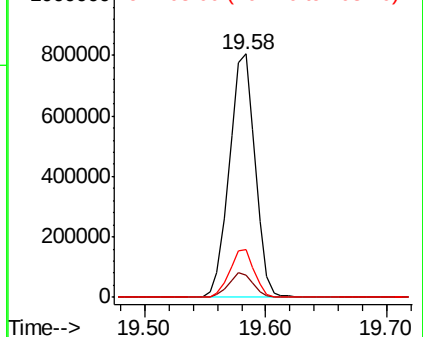
203 19.7 0.0 38.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.83 min Scan# 3191

Delta R.T. 0.01 min

Lab File: BG039589.D

Acq: 25 Feb 2019 16:35

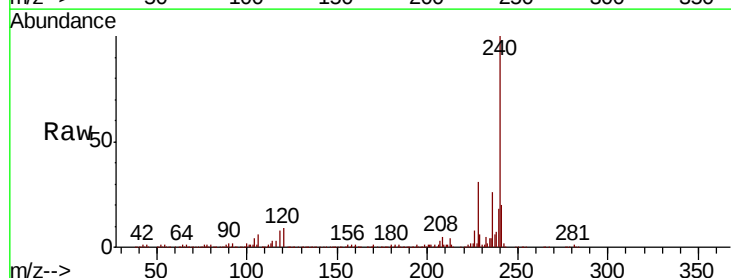
Tgt Ion:240 Resp: 384760

Ion Ratio Lower Upper

240 100

120 8.8 7.0 10.6

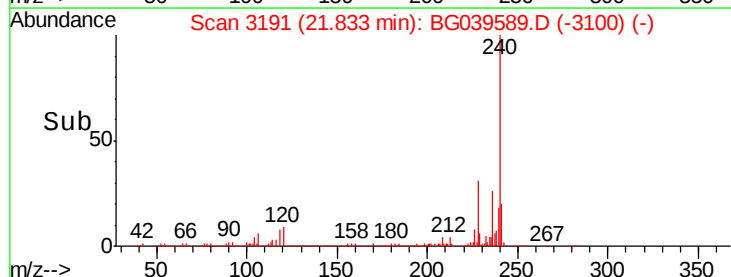
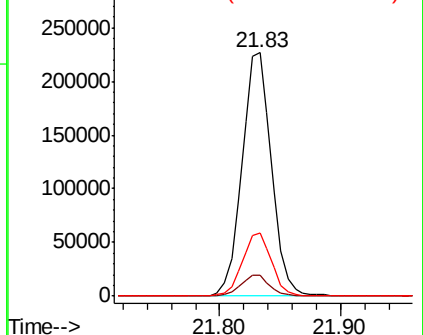
236 25.8 21.0 31.4

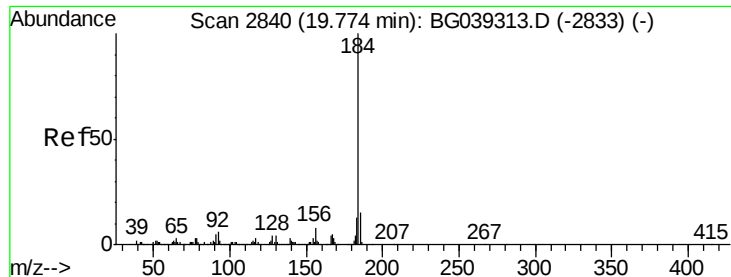


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 9.275 ng

RT: 19.76 min Scan# 2838

Delta R.T. -0.00 min

Lab File: BG039589.D

Acq: 25 Feb 2019 16:35

Instrument :

BNA_G

ClientSampleId :

COMPMSD

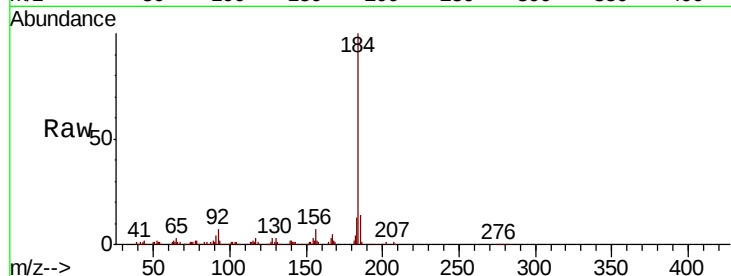
Tot Ion:184 Resp: 116997

Ion Ratio Lower Upper

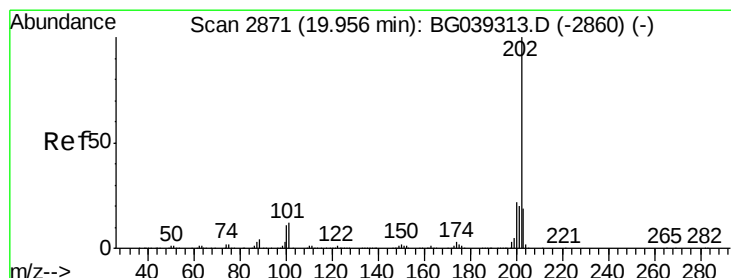
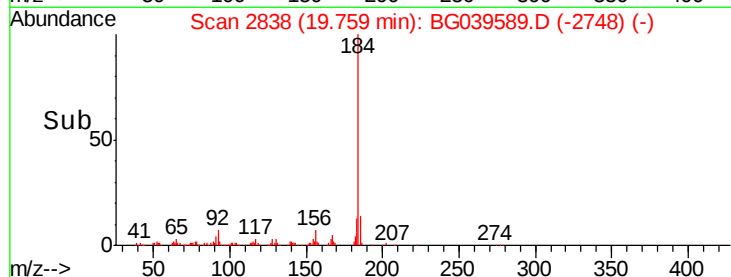
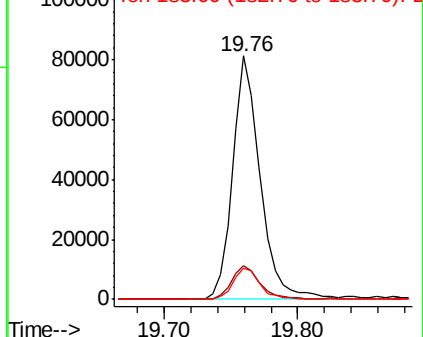
184 100

185 14.1 12.2 18.2

183 12.8 10.6 15.8



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



#78

Pyrene

Concen: 50.423 ng

RT: 19.94 min Scan# 2869

Delta R.T. -0.00 min

Lab File: BG039589.D

Acq: 25 Feb 2019 16:35

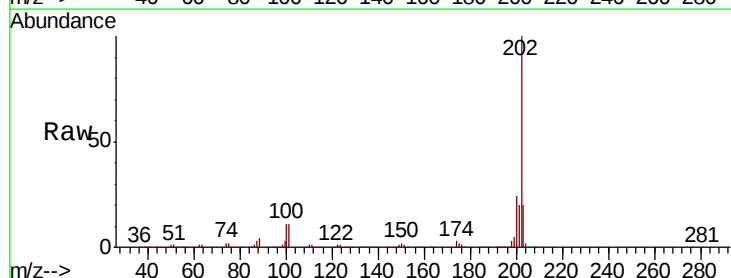
Tgt Ion:202 Resp: 1207743

Ion Ratio Lower Upper

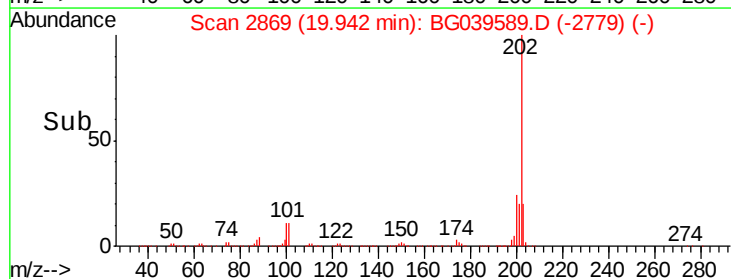
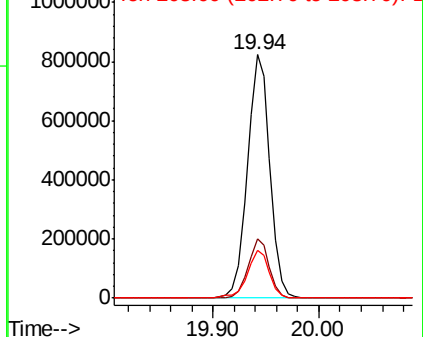
202 100

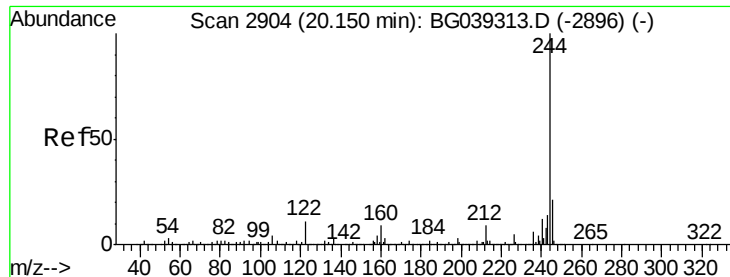
200 24.3 17.8 26.8

203 19.8 15.3 22.9



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 87.440 ng

RT: 20.13 min Scan# 2901

Delta R.T. -0.00 min

Lab File: BG039589.D

Acq: 25 Feb 2019 16:35

Instrument :

BNA_G

ClientSampleId :

COMPMSSD

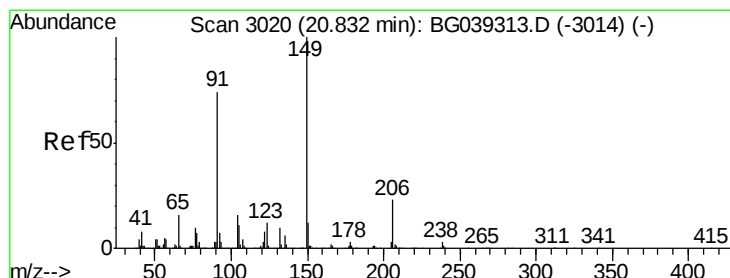
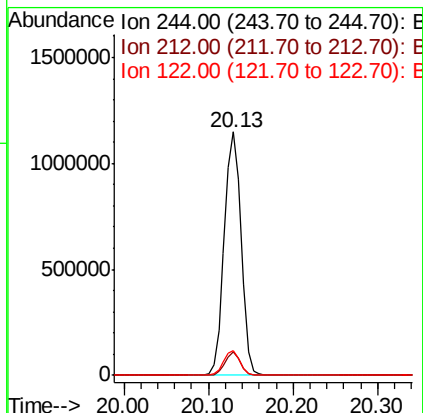
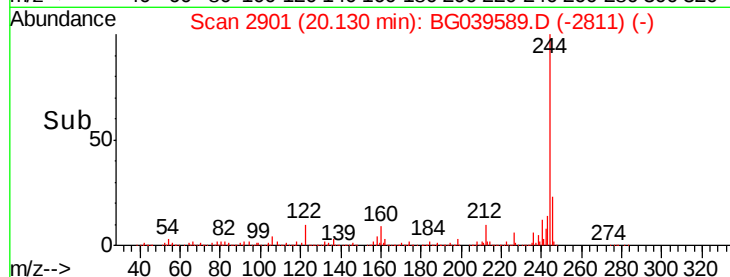
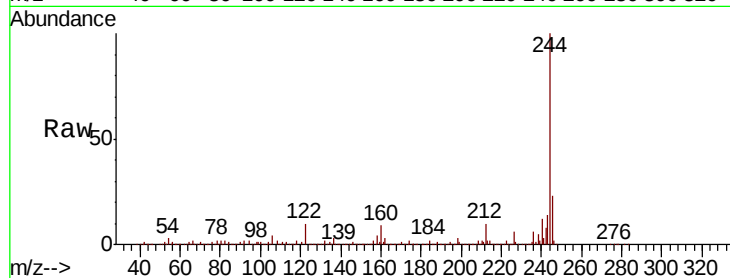
Tot Ion:244 Resp: 1589432

Ion Ratio Lower Upper

244 100

212 9.7 7.3 10.9

122 10.2 8.4 12.6



#80

Butylbenzylphthalate

Concen: 51.090 ng

RT: 20.81 min Scan# 3017

Delta R.T. -0.00 min

Lab File: BG039589.D

Acq: 25 Feb 2019 16:35

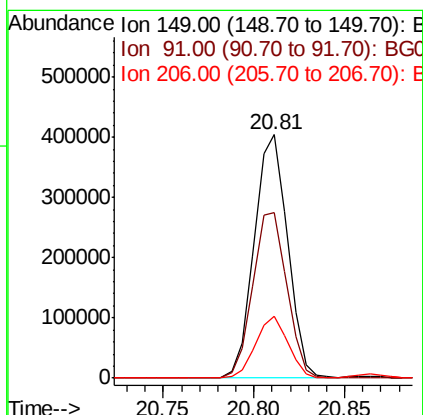
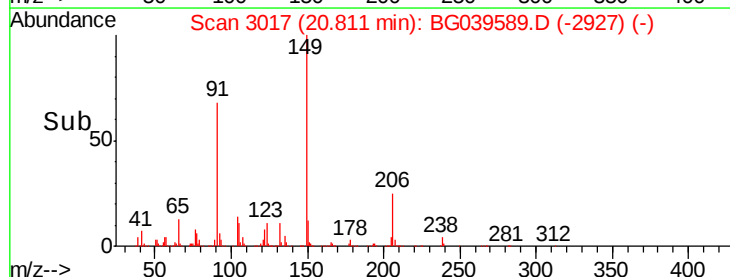
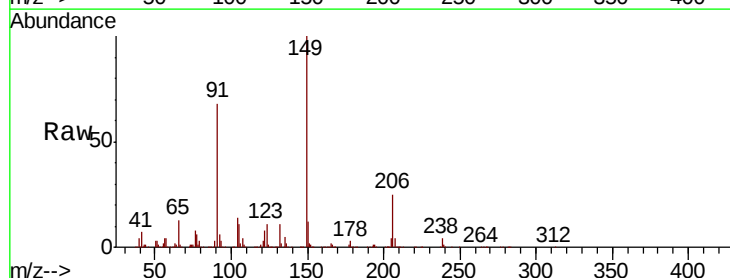
Tgt Ion:149 Resp: 516211

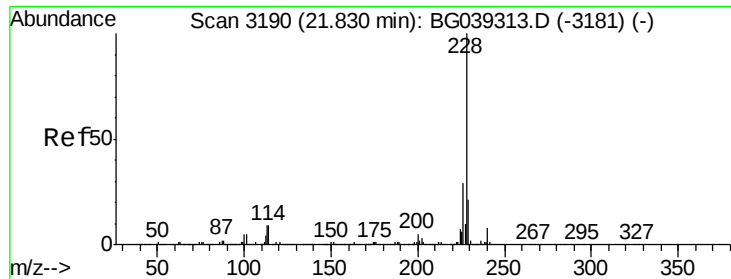
Ion Ratio Lower Upper

149 100

91 68.1 59.5 89.3

206 25.3 18.6 27.8

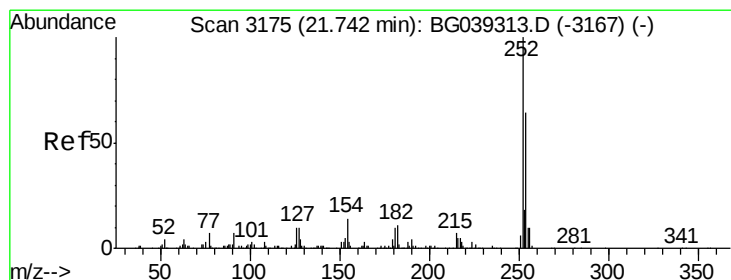
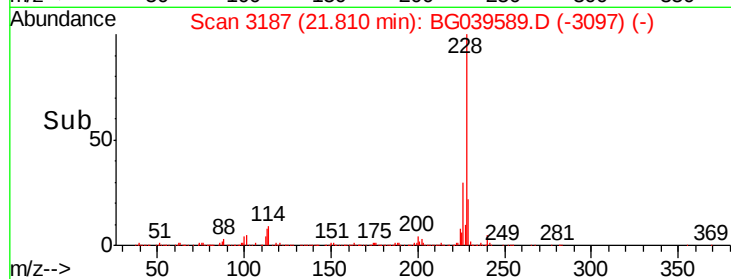
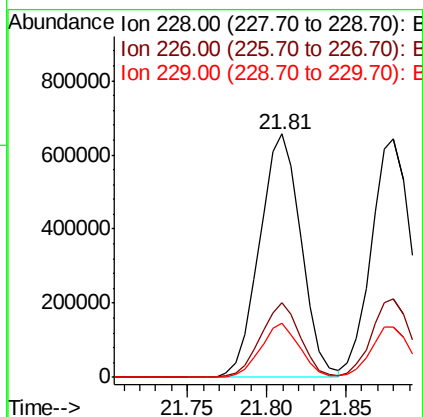
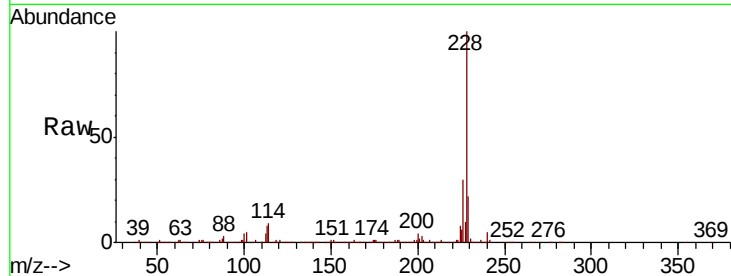




#81
Benzo(a)anthracene
Concen: 52.566 ng
RT: 21.81 min Scan# 3187
Delta R.T. -0.00 min
Lab File: BG039589.D
Acq: 25 Feb 2019 16:35

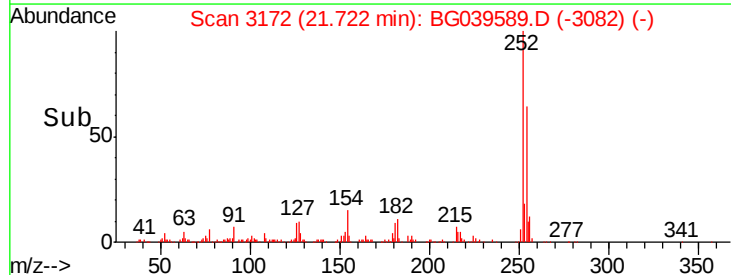
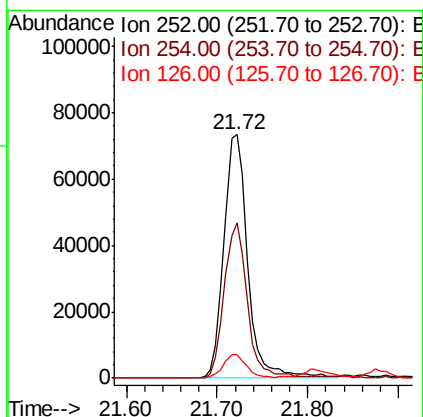
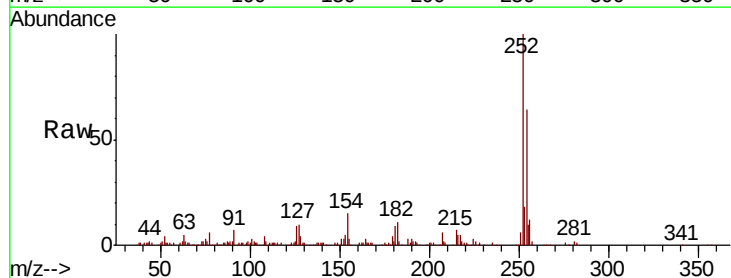
Instrument :
BNA_G
ClientSampleId :
COMPMSD

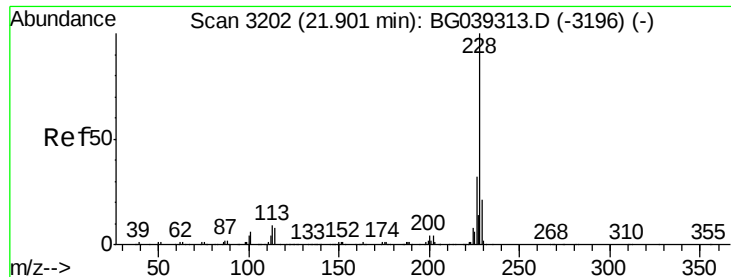
Tot Ion:228 Resp: 1195093
Ion Ratio Lower Upper
228 100
226 30.4 23.0 34.6
229 22.1 16.9 25.3



#82
3,3'-Dichlorobenzidine
Concen: 15.947 ng
RT: 21.72 min Scan# 3172
Delta R.T. -0.00 min
Lab File: BG039589.D
Acq: 25 Feb 2019 16:35

Tgt Ion:252 Resp: 134431
Ion Ratio Lower Upper
252 100
254 63.7 51.3 76.9
126 9.5 8.0 12.0





#83

Chrysene

Concen: 51.692 ng

RT: 21.88 min Scan# 3199

Delta R.T. -0.00 min

Lab File: BG039589.D

Acq: 25 Feb 2019 16:35

Instrument :

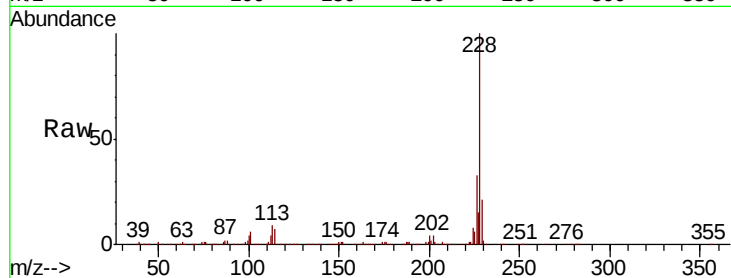
BNA_G

ClientSampleId :

COMPMSSD

Tot Ion:228 Resp: 1118738

Ion	Ratio	Lower	Upper
228	100		
226	32.8	25.8	38.6
229	20.8	16.6	25.0

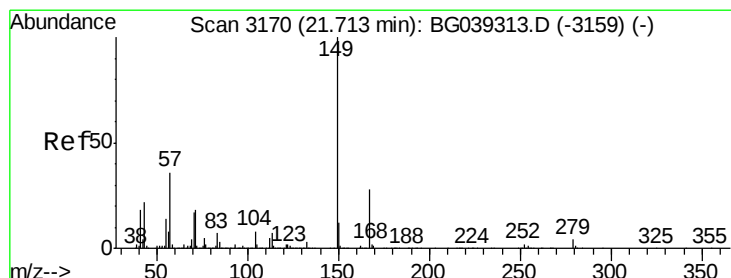
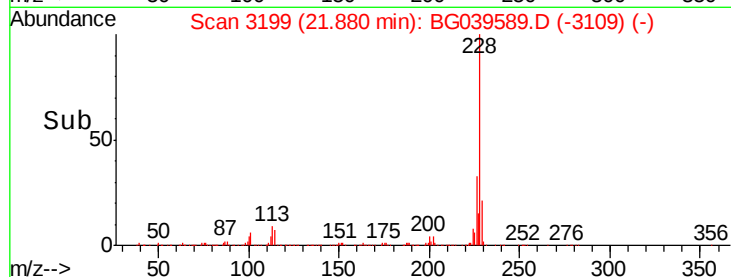
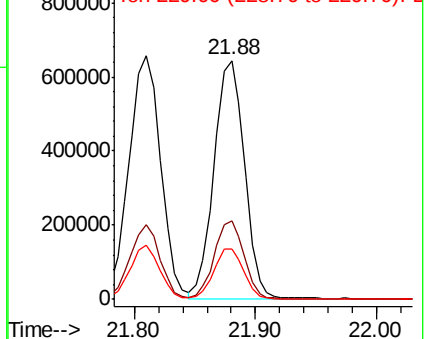


Abundance

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: 49.847 ng

RT: 21.67 min Scan# 3164

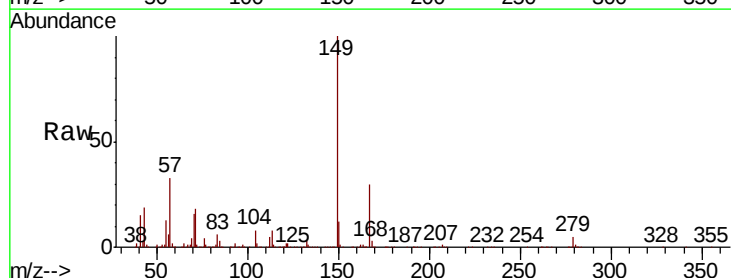
Delta R.T. -0.00 min

Lab File: BG039589.D

Acq: 25 Feb 2019 16:35

Tgt Ion:149 Resp: 718535

Ion	Ratio	Lower	Upper
149	100		
167	29.7	22.6	34.0
279	5.2	3.5	5.3

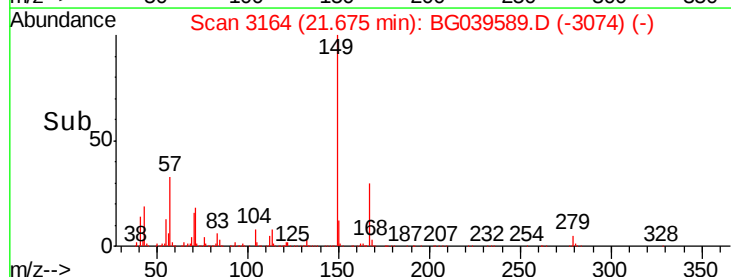
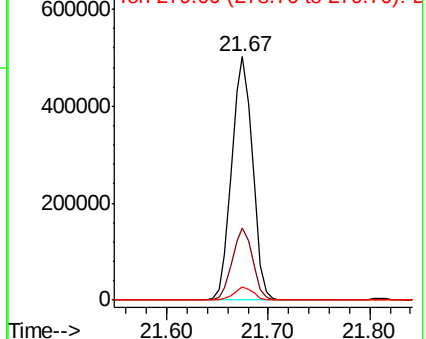


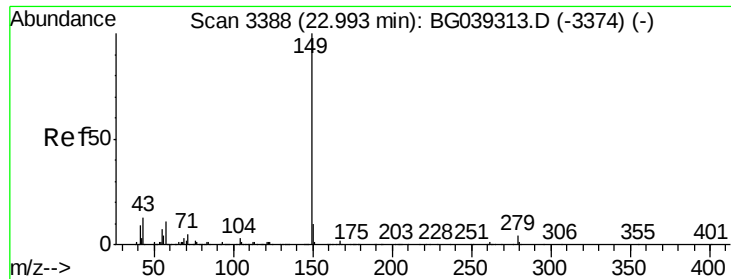
Abundance

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: 50.245 ng

RT: 22.94 min Scan# 3379

Delta R.T. -0.00 min

Lab File: BG039589.D

Acq: 25 Feb 2019 16:35

Instrument :

BNA_G

ClientSampleId :

COMPMSSD

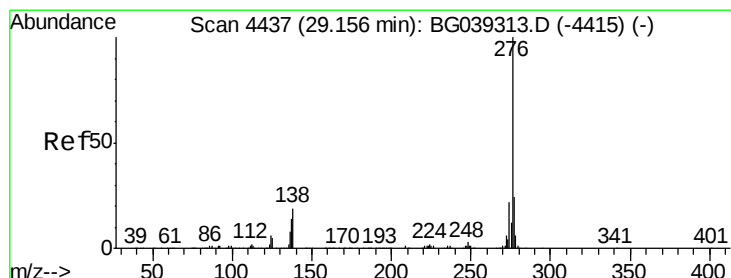
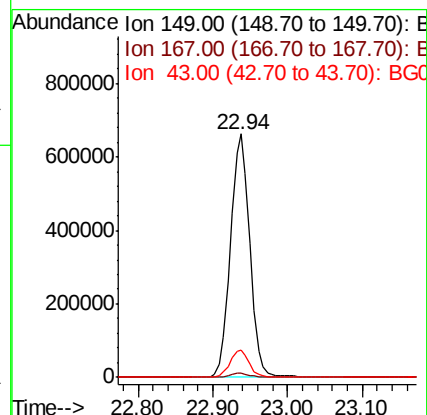
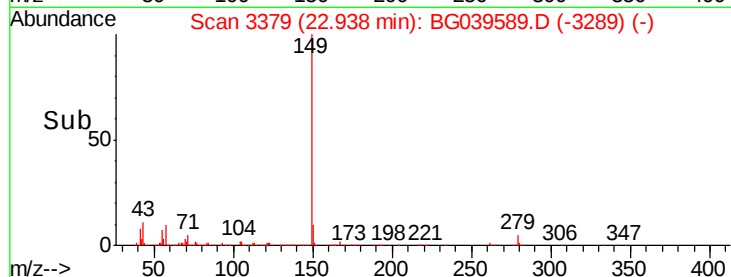
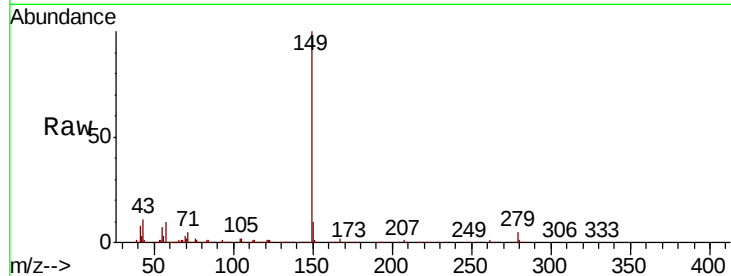
Tot Ion:149 Resp: 1196573

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 10.9 10.2 15.4



#86

Indeno(1,2,3-cd)pyrene

Concen: 46.125 ng

RT: 29.09 min Scan# 4427

Delta R.T. 0.01 min

Lab File: BG039589.D

Acq: 25 Feb 2019 16:35

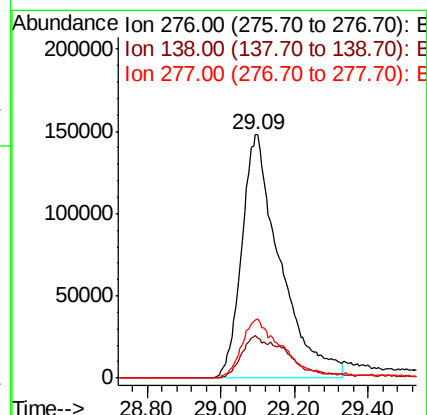
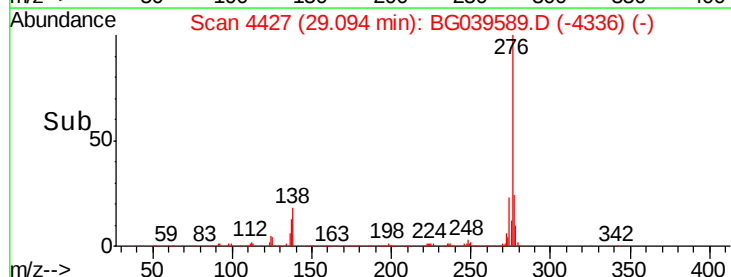
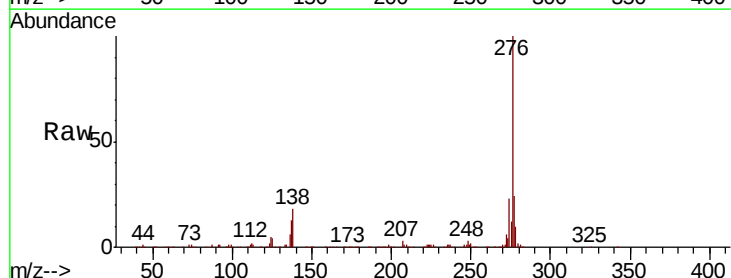
Tgt Ion:276 Resp: 1071045

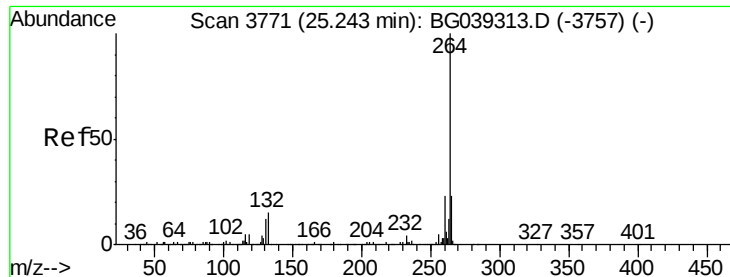
Ion Ratio Lower Upper

276 100

138 20.2 12.6 19.0#

277 25.8 20.8 31.2





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.21 min Scan# 3765

Delta R.T. -0.00 min

Lab File: BG039589.D

Acq: 25 Feb 2019 16:35

Instrument :

BNA_G

ClientSampleId :

COMPMSSD

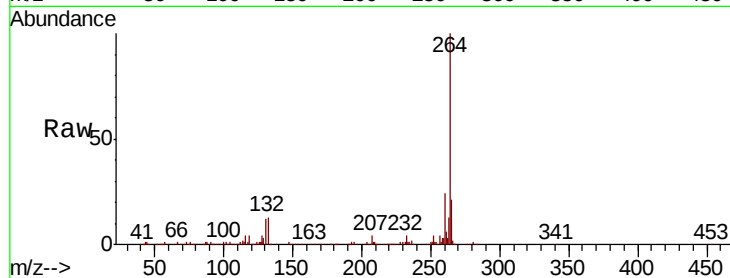
Tot Ion:264 Resp: 373611

Ion Ratio Lower Upper

264 100

260 24.0 18.2 27.4

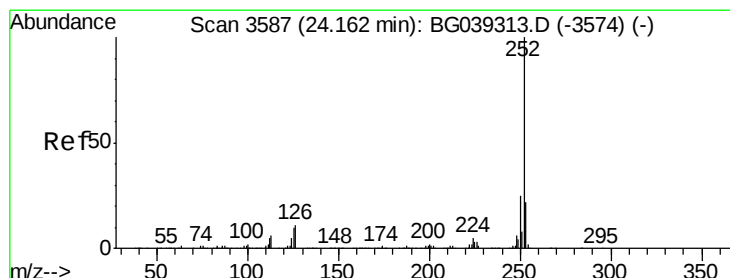
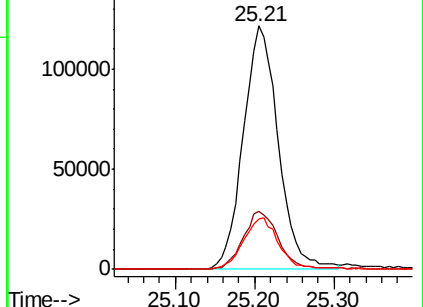
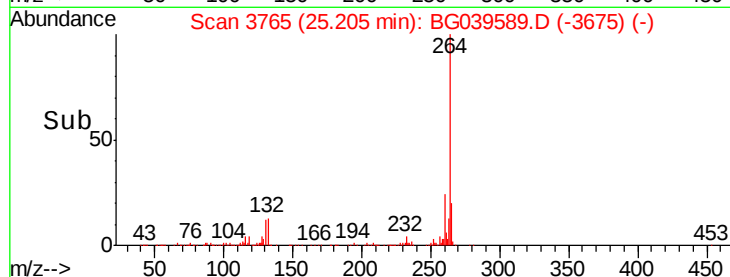
265 20.6 18.5 27.7



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: 54.937 ng

RT: 24.13 min Scan# 3582

Delta R.T. 0.01 min

Lab File: BG039589.D

Acq: 25 Feb 2019 16:35

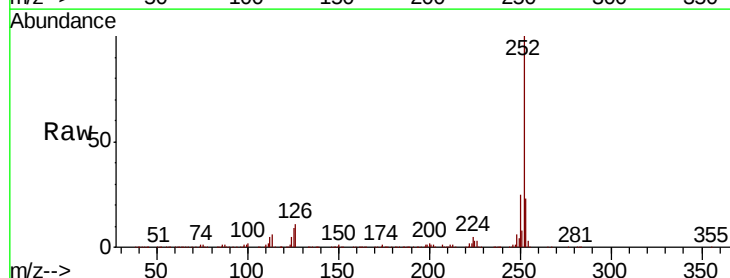
Tgt Ion:252 Resp: 1119357

Ion Ratio Lower Upper

252 100

253 23.1 17.8 26.8

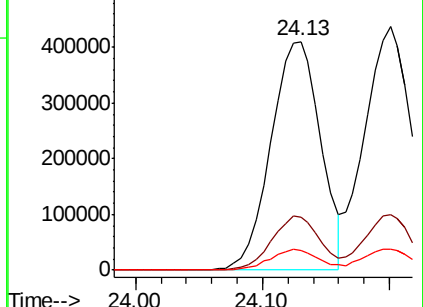
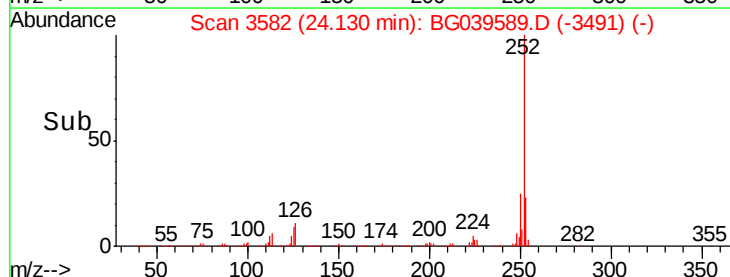
125 8.5 7.8 11.6

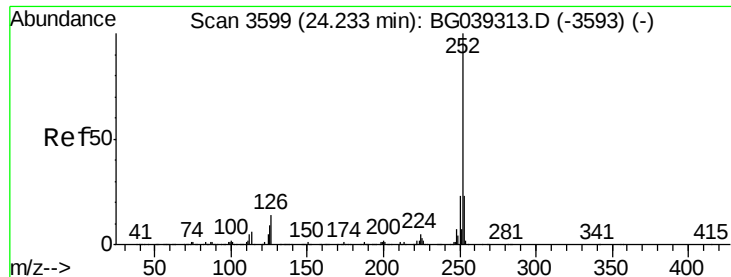


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 57.044 ng

RT: 24.20 min Scan# 3594

Delta R.T. -0.00 min

Lab File: BG039589.D

Acq: 25 Feb 2019 16:35

Instrument :

BNA_G

ClientSampleId :

COMPMSD

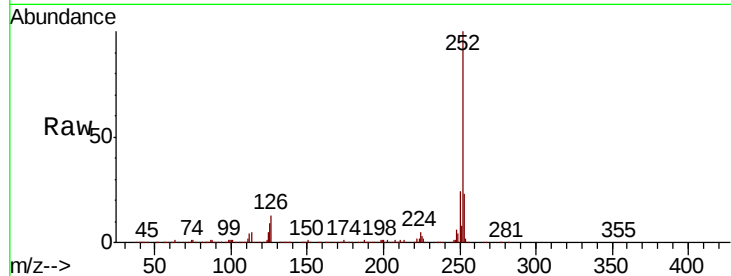
Tot Ion:252 Resp: 1166893

Ion Ratio Lower Upper

252 100

253 22.8 18.2 27.2

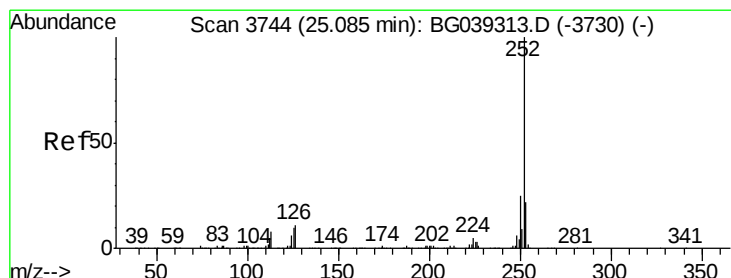
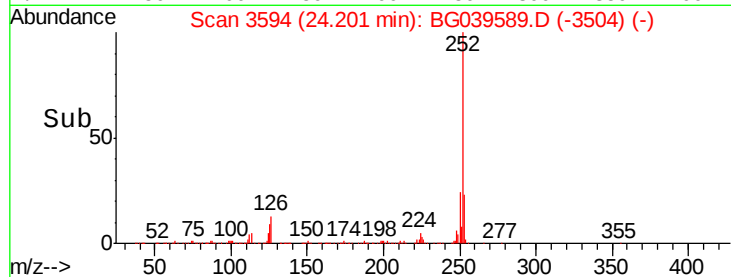
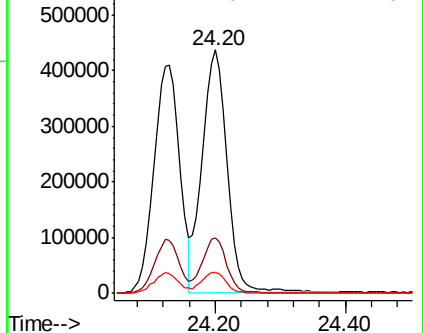
125 8.6 7.4 11.2



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: 57.357 ng

RT: 25.05 min Scan# 3739

Delta R.T. 0.01 min

Lab File: BG039589.D

Acq: 25 Feb 2019 16:35

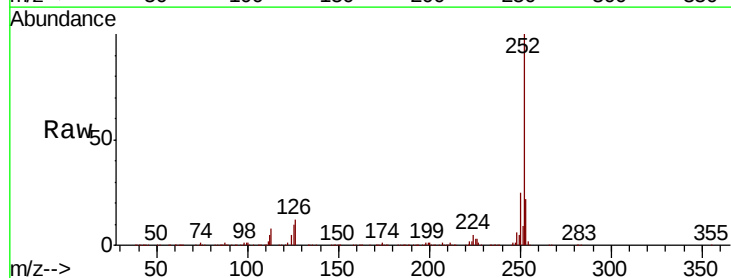
Tgt Ion:252 Resp: 1125503

Ion Ratio Lower Upper

252 100

253 22.0 17.9 26.9

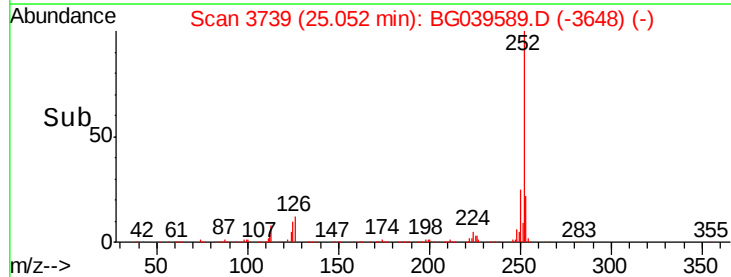
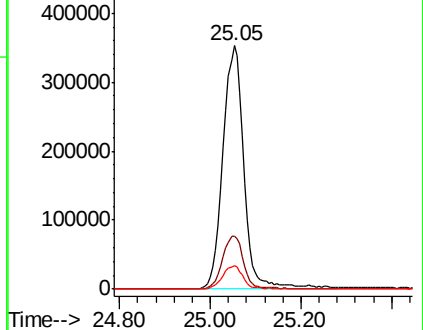
125 9.8 8.3 12.5

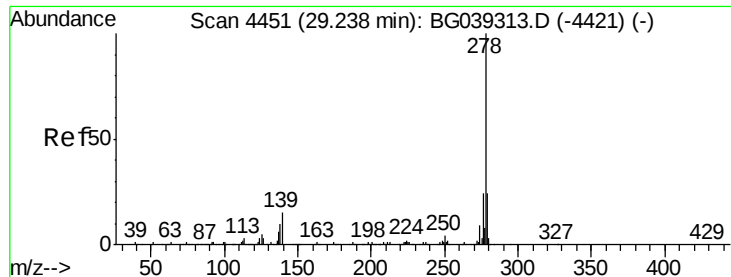


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



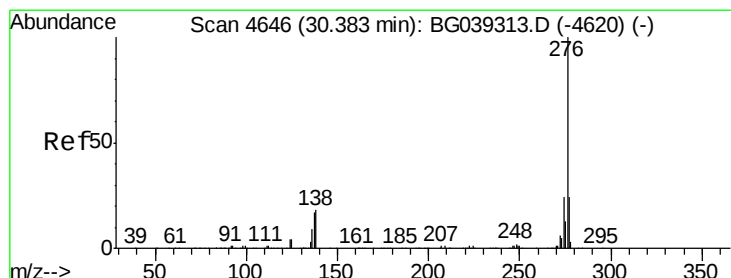
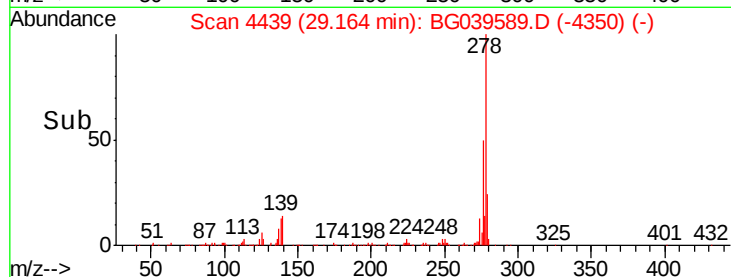
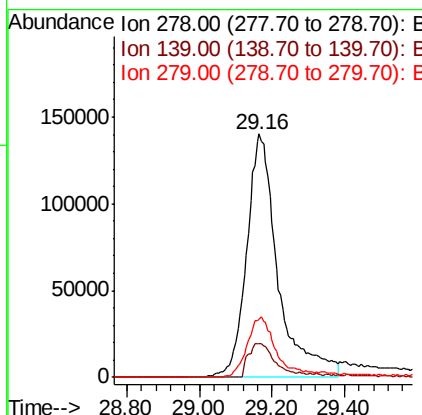
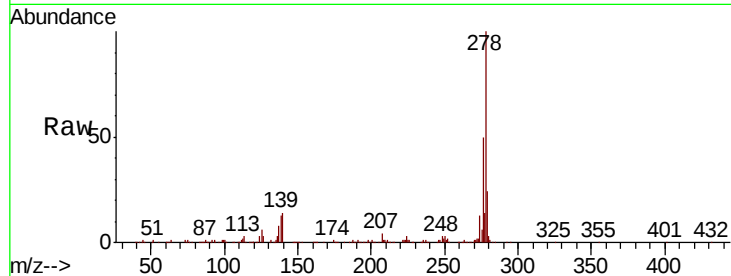


#91
Dibenzo(a,h)anthracene
Concen: 45.939 ng
RT: 29.16 min Scan# 4439
Delta R.T. -0.01 min
Lab File: BG039589.D
Acq: 25 Feb 2019 16:35

Instrument :
BNA_G
ClientSampleId :
COMPMSD

Tot Ion:278 Resp: 844202

Ion	Ratio	Lower	Upper
278	100		
139	14.0	11.7	17.5
279	23.9	19.1	28.7



#92
Benzo(g,h,i)perylene
Concen: 47.754 ng
RT: 30.32 min Scan# 4635
Delta R.T. -0.01 min
Lab File: BG039589.D
Acq: 25 Feb 2019 16:35

Tgt Ion:276 Resp: 874682

Ion	Ratio	Lower	Upper
276	100		
277	23.5	19.6	29.4
138	18.4	14.7	22.1

