

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082819\
 Data File : BG042538.D
 Acq On : 28 Aug 2019 18:40
 Operator : HP/JU
 Sample : K4551-20MSD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Aug 29 05:58:35 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 22 14:29:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	33709	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	124717	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	92232	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	242402	20.00	ng	0.00
76) Chrysene-d12	21.69	240	281516	20.00	ng	0.00
87) Perylene-d12	24.93	264	334732	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	177521	106.66	ng	0.00
7) Phenol-d6	7.16	99	237023	105.43	ng	0.00
23) Nitrobenzene-d5	9.16	82	134454	74.50	ng	-0.01
42) 2,4,6-Tribromophenol	16.15	330	157551	120.18	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	370042	67.86	ng	0.00
79) Terphenyl-d14	20.02	244	822552	63.17	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.42	88	19844	28.569	ng	97
3) Pyridine	3.83	79	44797	25.152	ng	99
4) n-Nitrosodimethylamine	3.74	42	21881	34.397	ng	93
6) Aniline	7.32	93	80178	26.738	ng	97
8) 2-Chlorophenol	7.56	128	75792	37.574	ng	96
9) Benzaldehyde	7.13	77	43083	38.277	ng	98
10) Phenol	7.19	94	92593	40.507	ng	96
11) bis(2-Chloroethyl)ether	7.41	93	58942	32.832	ng	98
12) 1,3-Dichlorobenzene	7.89	146	86256	33.614	ng	100
13) 1,4-Dichlorobenzene	8.03	146	88490	34.045	ng	97
14) 1,2-Dichlorobenzene	8.36	146	83875	33.696	ng	99
15) Benzyl Alcohol	8.24	79	56168	34.726	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.53	45	74140	30.470	ng	97
17) 2-Methylphenol	8.45	107	59414	35.288	ng	98
18) Hexachloroethane	9.09	117	29147	32.756	ng	96
19) n-Nitroso-di-n-propylamine	8.80	70	46938	32.226	ng	97
20) 3+4-Methylphenols	8.78	107	81596	35.023	ng	99
22) Acetophenone	8.82	105	103141	38.666	ng	# 98
24) Nitrobenzene	9.21	77	68122	37.274	ng	97
25) Isophorone	9.73	82	130473	36.632	ng	99
26) 2-Nitrophenol	9.93	139	46084	40.238	ng	95
27) 2,4-Dimethylphenol	9.99	122	66762	42.318	ng	99
28) bis(2-Chloroethoxy)methane	10.22	93	77776	34.646	ng	96
29) 2,4-Dichlorophenol	10.47	162	86637	41.973	ng	99
30) 1,2,4-Trichlorobenzene	10.68	180	95863	37.837	ng	93
31) Naphthalene	10.87	128	223003	38.513	ng	100
32) Benzoic acid	10.13	122	6760	13.069	ng	# 83
33) 4-Chloroaniline	10.98	127	77480	28.986	ng	99
34) Hexachlorobutadiene	11.16	225	61751	36.266	ng	98
35) Caprolactam	11.75	113	30222	43.880	ng	96
36) 4-Chloro-3-methylphenol	12.11	107	80142	40.901	ng	96
37) 2-Methylnaphthalene	12.48	142	180236	38.766	ng	100
38) 1-Methylnaphthalene	12.70	142	168808	38.224	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	119083	40.205	ng	99

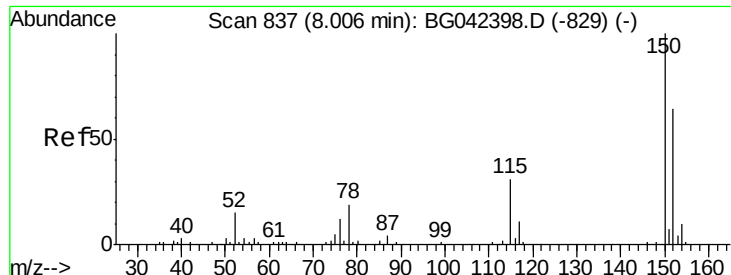
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082819\
 Data File : BG042538.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 22 14:29:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	122682	78.852	ng	100
43) 2,4,6-Trichlorophenol	13.09	196	83024	41.470	ng	98
44) 2,4,5-Trichlorophenol	13.18	196	92599	44.633	ng	95
46) 1,1'-Biphenyl	13.49	154	236476	39.664	ng	97
47) 2-Chloronaphthalene	13.53	162	196422	38.209	ng	99
48) 2-Nitroaniline	13.73	65	46584	37.578	ng	95
49) Acenaphthylene	14.38	152	313877	40.584	ng	99
50) Dimethylphthalate	14.11	163	293655	44.126	ng	99
51) 2,6-Dinitrotoluene	14.23	165	62484	40.507	ng	97
52) Acenaphthene	14.72	154	182805	38.925	ng	99
53) 3-Nitroaniline	14.56	138	50285	32.595	ng	99
54) 2,4-Dinitrophenol	14.78	184	53297	53.506	ng	94
55) Dibenzofuran	15.06	168	322596	41.498	ng	99
56) 4-Nitrophenol	14.88	139	106757	97.388	ng	97
57) 2,4-Dinitrotoluene	15.02	165	91192	41.284	ng	95
58) Fluorene	15.71	166	265084	41.715	ng	96
59) 2,3,4,6-Tetrachlorophenol	15.29	232	95314	46.456	ng	93
60) Diethylphthalate	15.47	149	257943	39.650	ng	99
61) 4-Chlorophenyl-phenylether	15.70	204	150358	39.252	ng	98
62) 4-Nitroaniline	15.73	138	72624	43.986	ng	96
63) Azobenzene	15.99	77	176826	39.667	ng	98
65) 4,6-Dinitro-2-methylphenol	15.80	198	59786	39.339	ng	98
66) n-Nitrosodiphenylamine	15.91	169	248955	37.346	ng	99
67) 4-Bromophenyl-phenylether	16.59	248	110101	35.809	ng	99
68) Hexachlorobenzene	16.72	284	118351	35.408	ng	99
69) Atrazine	16.86	200	102399	43.438	ng	97
70) Pentachlorophenol	17.07	266	132376	76.224	ng	97
71) Phenanthrene	17.45	178	486723	40.424	ng	99
72) Anthracene	17.55	178	499819	41.582	ng	99
73) Carbazole	17.82	167	465867	43.487	ng	99
74) Di-n-butylphthalate	18.37	149	512831	40.497	ng	100
75) Fluoranthene	19.47	202	676622	46.046	ng	97
77) Benzidine	19.64	184	264187	32.732	ng	97
78) Pyrene	19.83	202	685101	39.694	ng	98
80) Butylbenzylphthalate	20.71	149	251671	37.073	ng	99
81) Benzo(a)anthracene	21.67	228	686310	40.076	ng	97
82) 3,3'-Dichlorobenzidine	21.58	252	223573	32.461	ng	98
83) Chrysene	21.74	228	669426	40.533	ng	100
84) Bis(2-ethylhexyl)phthalate	21.57	149	361730	38.378	ng	99
85) Di-n-octyl phthalate	22.79	149	636529	39.265	ng	99
86) Indeno(1,2,3-cd)pyrene	28.63	276	888684	39.595	ng	# 96
88) Benzo(b)fluoranthene	23.90	252	749674	40.738	ng	99
89) Benzo(k)fluoranthene	23.97	252	743234	42.018	ng	100
90) Benzo(a)pyrene	24.77	252	745956	42.718	ng	99
91) Dibenzo(a,h)anthracene	28.69	278	735460	41.597	ng	98
92) Benzo(g,h,i)perylene	29.80	276	745792	42.175	ng	99

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

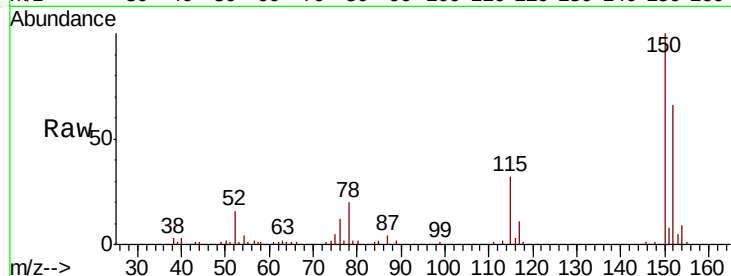


#1

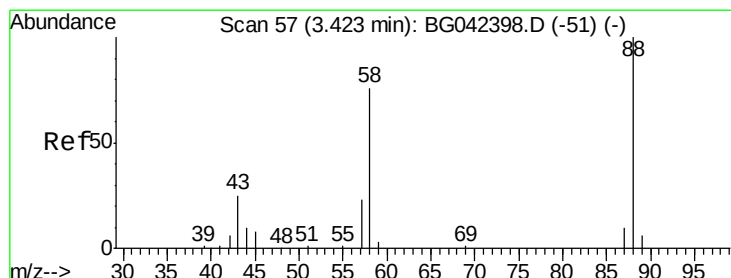
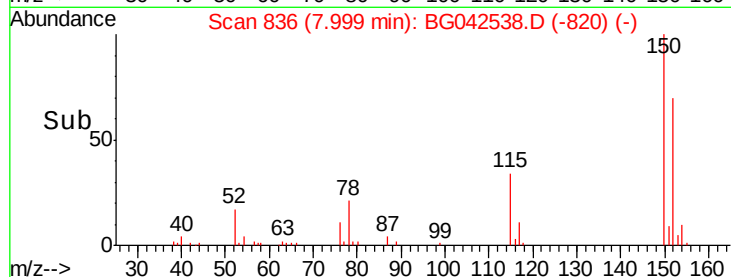
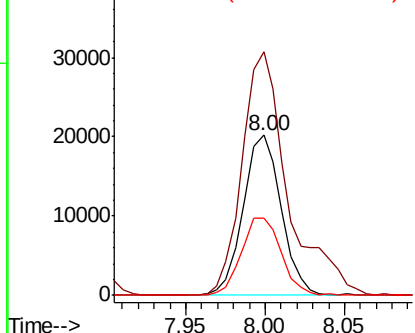
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 836
Delta R.T. -0.01 min
Lab File: BG042538.D
Acq: 28 Aug 2019 18:40

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 33709
Ion Ratio Lower Upper
152 100
150 151.8 125.4 188.0
115 48.5 38.5 57.7



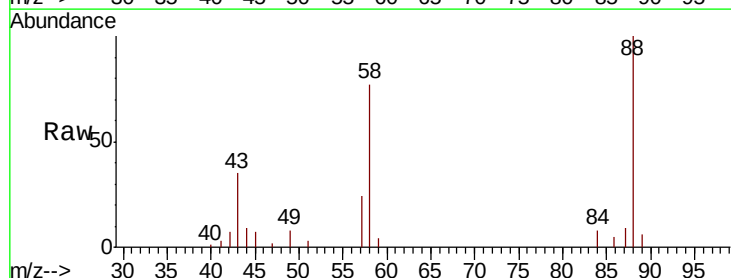
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



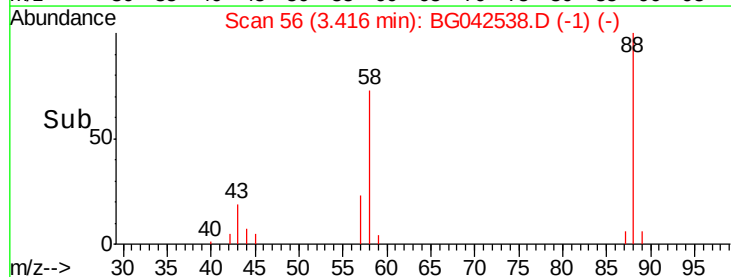
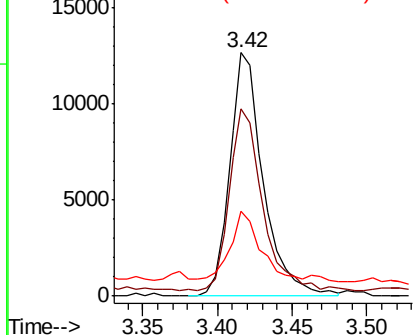
#2

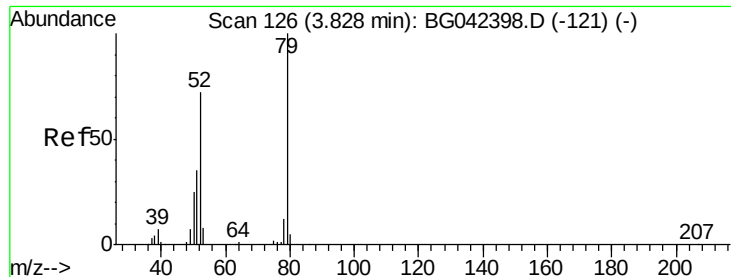
1,4-Dioxane
Concen: 28.569 ng
RT: 3.42 min Scan# 56
Delta R.T. -0.01 min
Lab File: BG042538.D
Acq: 28 Aug 2019 18:40

Tgt Ion: 88 Resp: 19844
Ion Ratio Lower Upper
88 100
58 75.0 58.3 87.5
43 23.8 20.2 30.2



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: 25.152 ng

RT: 3.83 min Scan# 126

Delta R.T. -0.00 min

Lab File: BG042538.D

Acq: 28 Aug 2019 18:40

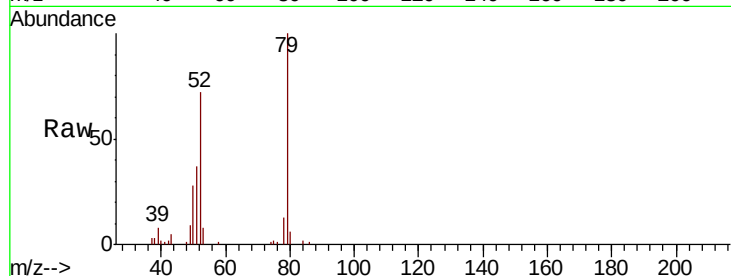
Instrument :

BNA_G

ClientSampleId :

Tot Ion: 79 Resp: 44797

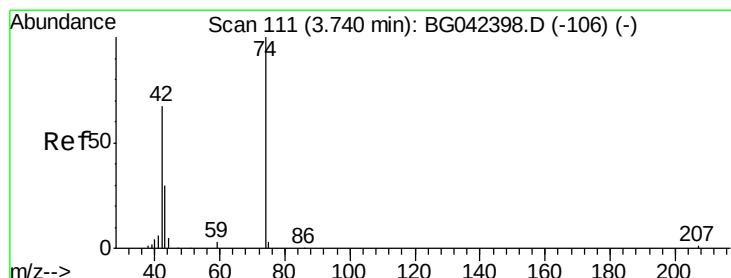
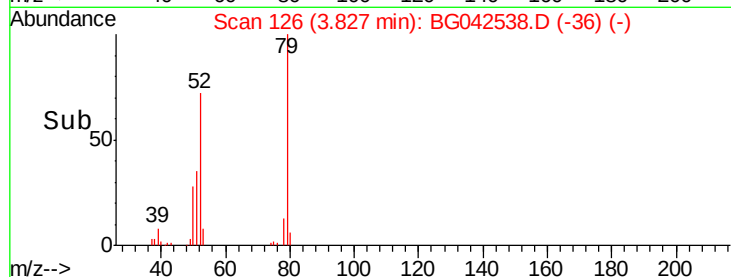
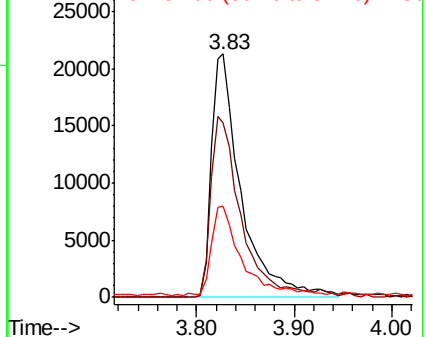
Ion	Ratio	Lower	Upper
79	100		
52	71.9	57.7	86.5
51	37.3	28.8	43.2



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 52.00 (51.70 to 52.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 34.397 ng

RT: 3.74 min Scan# 111

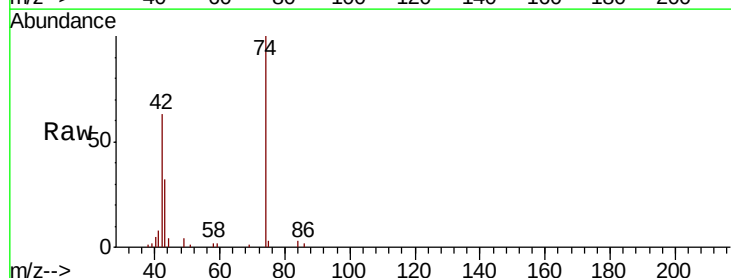
Delta R.T. -0.00 min

Lab File: BG042538.D

Acq: 28 Aug 2019 18:40

Tgt Ion: 42 Resp: 21881

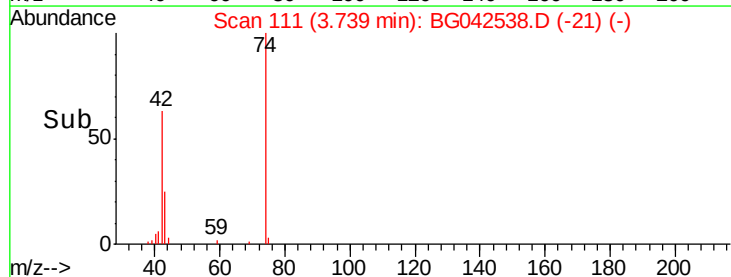
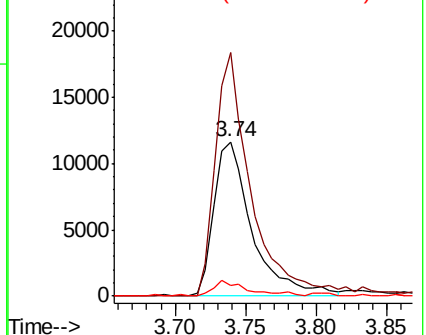
Ion	Ratio	Lower	Upper
42	100		
74	158.1	119.6	179.4
44	6.7	6.5	9.7

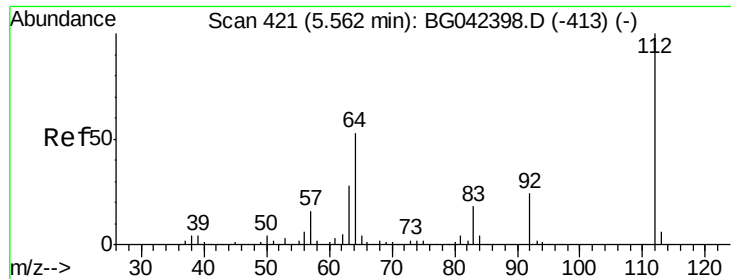


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 106.657 ng

RT: 5.55 min Scan# 420

Delta R.T. -0.01 min

Lab File: BG042538.D

Acq: 28 Aug 2019 18:40

Instrument :

BNA_G

ClientSampled :

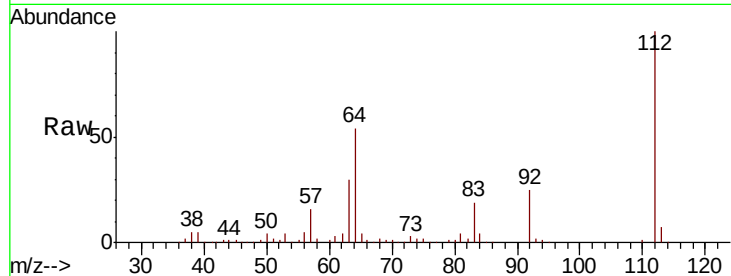
Tot Ion:112 Resp: 177521

Ion Ratio Lower Upper

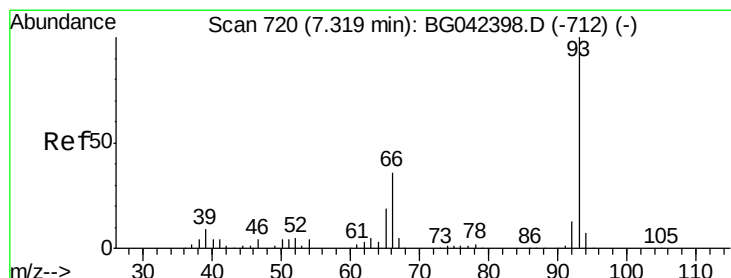
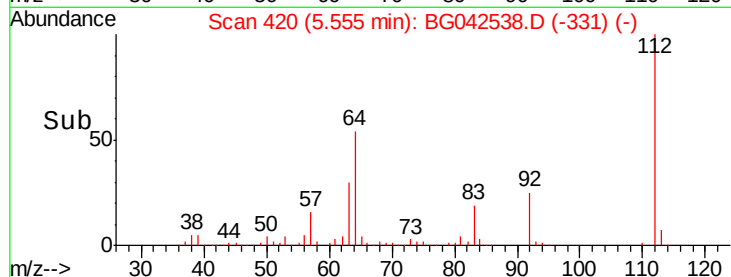
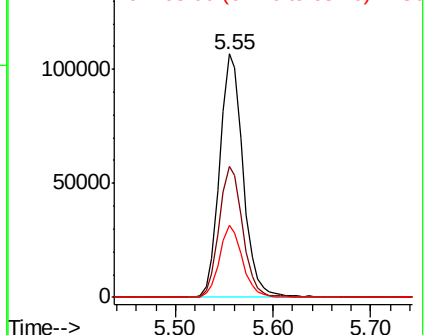
112 100

64 53.6 42.8 64.2

63 29.7 22.7 34.1



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: 26.738 ng

RT: 7.32 min Scan# 720

Delta R.T. -0.00 min

Lab File: BG042538.D

Acq: 28 Aug 2019 18:40

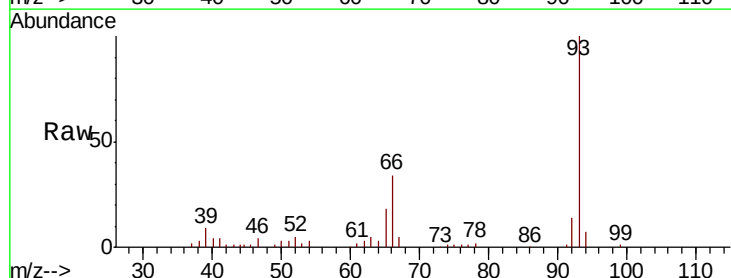
Tgt Ion: 93 Resp: 80178

Ion Ratio Lower Upper

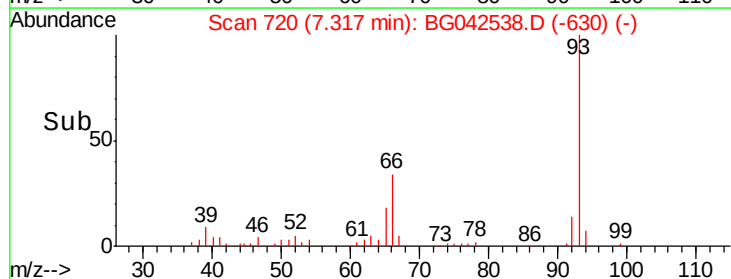
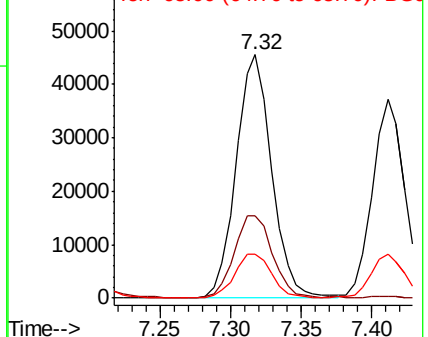
93 100

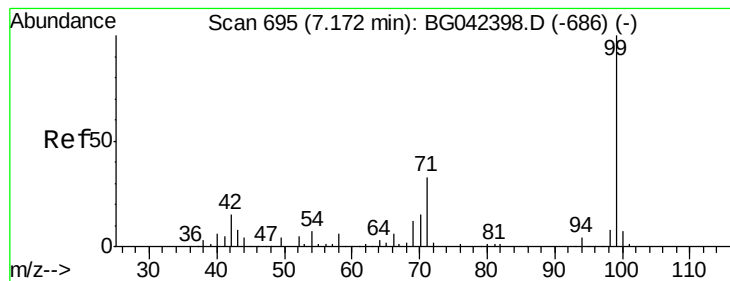
66 34.1 29.0 43.6

65 18.0 15.2 22.8



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: 105.426 ng

RT: 7.16 min Scan# 694

Delta R.T. -0.01 min

Lab File: BG042538.D

Acq: 28 Aug 2019 18:40

Instrument :

BNA_G

ClientSampled :

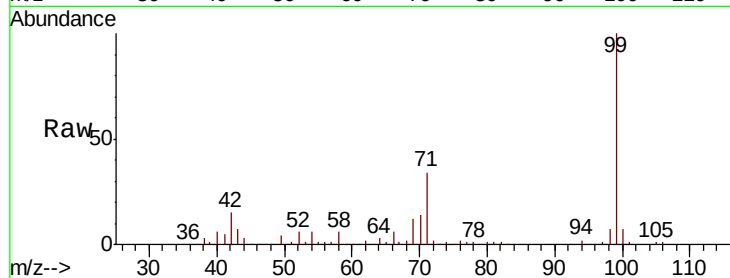
Tot Ion: 99 Resp: 237023

Ion Ratio Lower Upper

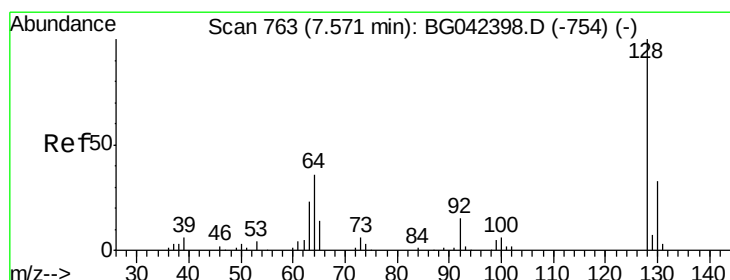
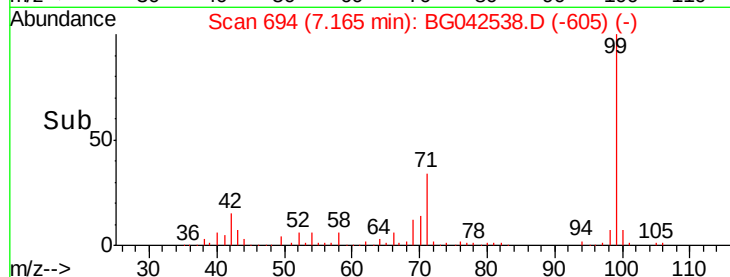
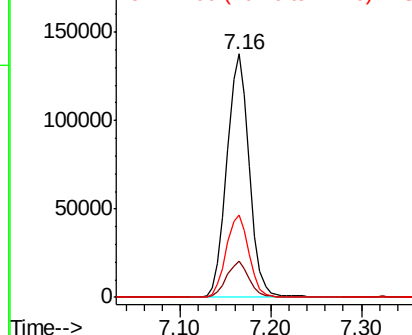
99 100

42 14.9 12.0 18.0

71 33.8 26.3 39.5



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: 37.574 ng

RT: 7.56 min Scan# 762

Delta R.T. -0.01 min

Lab File: BG042538.D

Acq: 28 Aug 2019 18:40

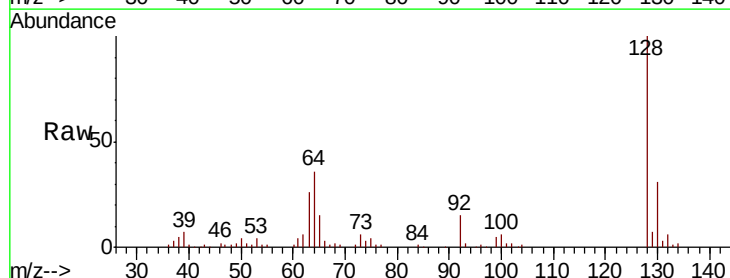
Tgt Ion: 128 Resp: 75792

Ion Ratio Lower Upper

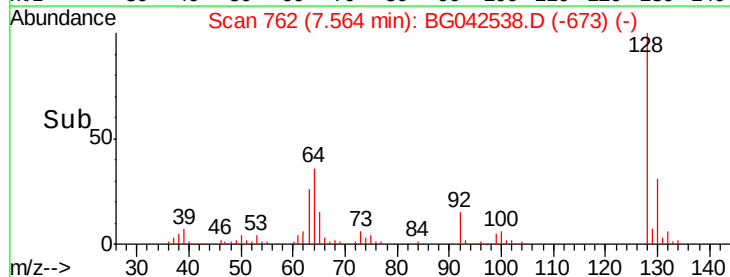
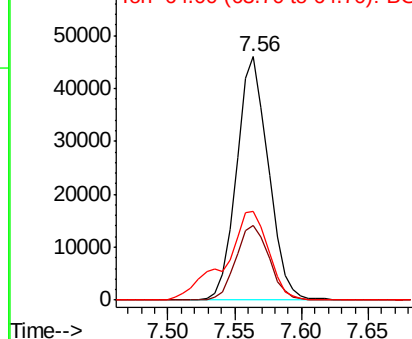
128 100

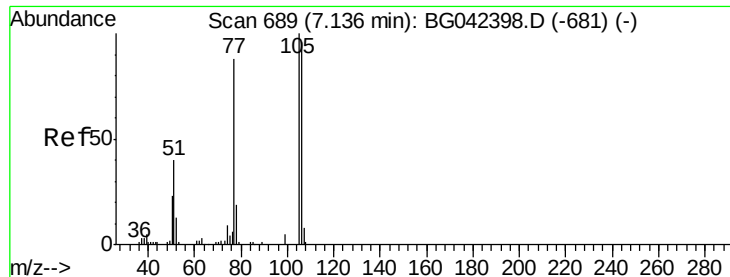
130 30.6 12.8 52.8

64 36.4 19.2 59.2



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





#9

Benzaldehyde

Concen: 38.277 ng

RT: 7.13 min Scan# 688

Delta R.T. -0.01 min

Lab File: BG042538.D

Acq: 28 Aug 2019 18:40

Instrument :

BNA_G

ClientSampleId :

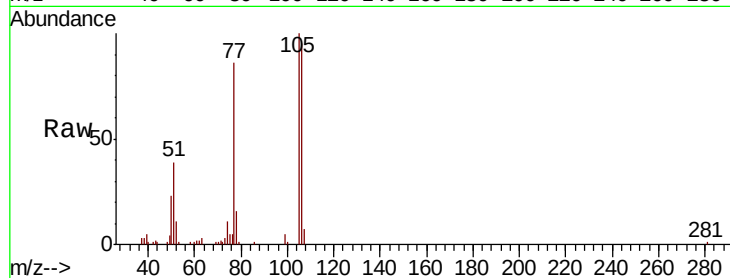
Tot Ion: 77 Resp: 43083

Ion Ratio Lower Upper

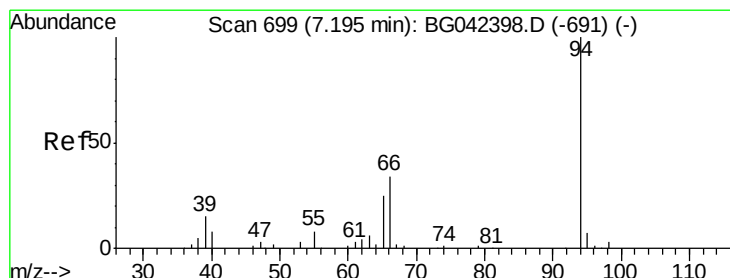
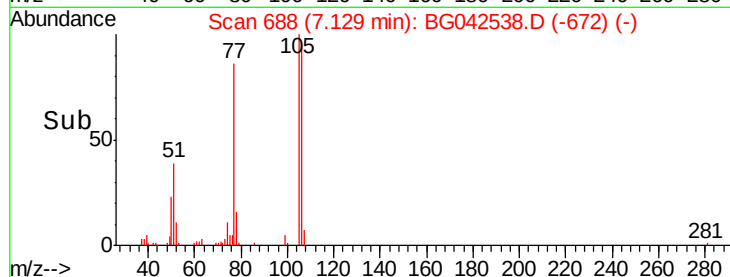
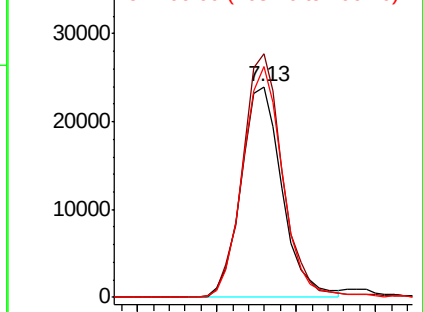
77 100

105 115.8 93.4 133.4

106 110.0 88.4 128.4



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: 40.507 ng

RT: 7.19 min Scan# 699

Delta R.T. -0.00 min

Lab File: BG042538.D

Acq: 28 Aug 2019 18:40

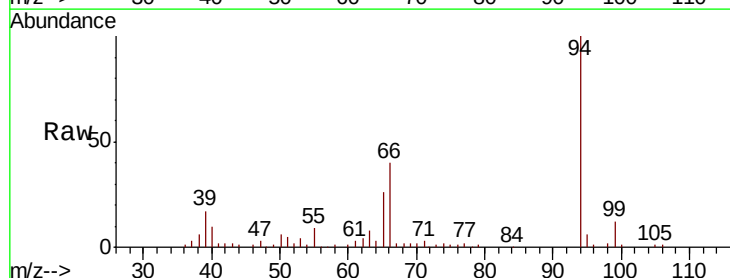
Tgt Ion: 94 Resp: 92593

Ion Ratio Lower Upper

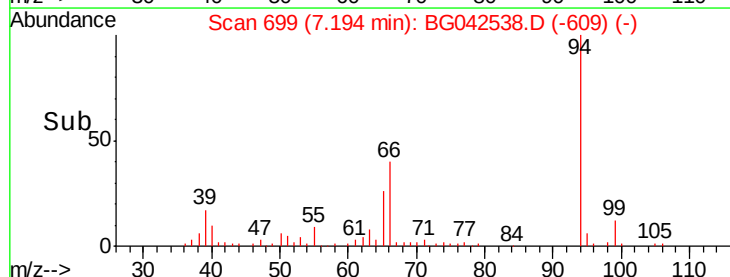
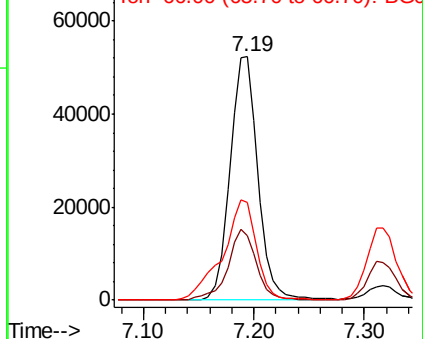
94 100

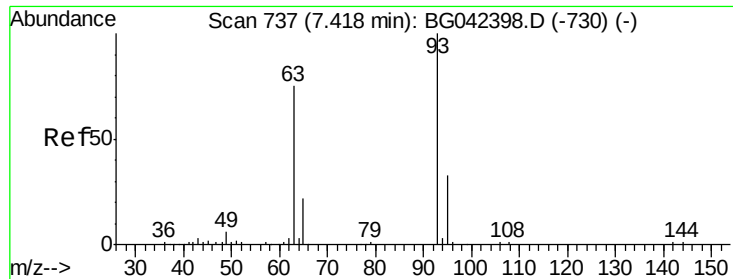
65 26.2 5.6 45.6

66 39.9 16.0 56.0



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: 32.832 ng

RT: 7.41 min Scan# 736

Delta R.T. -0.01 min

Lab File: BG042538.D

Acq: 28 Aug 2019 18:40

Instrument :

BNA_G

ClientSampled :

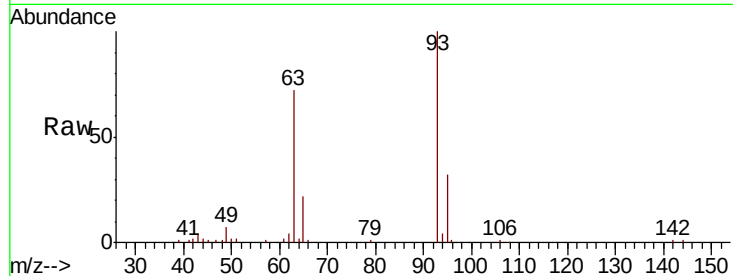
Tot Ion: 93 Resp: 58942

Ion Ratio Lower Upper

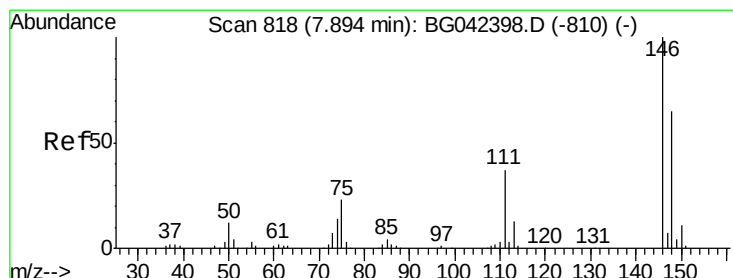
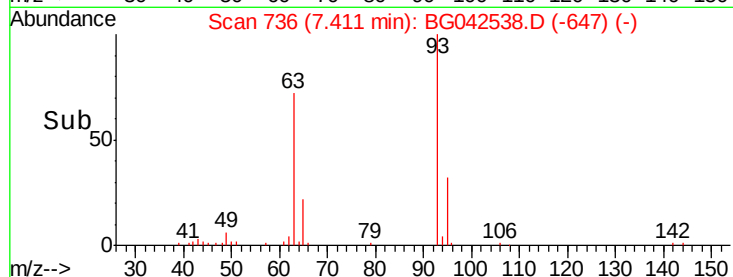
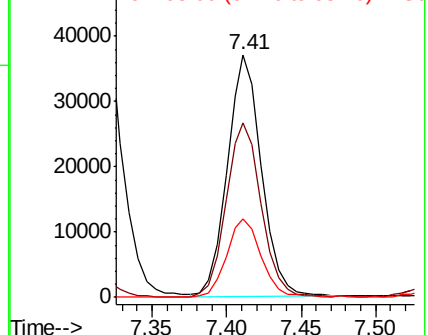
93 100

63 71.6 53.8 93.8

95 32.3 13.1 53.1



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: 33.614 ng

RT: 7.89 min Scan# 817

Delta R.T. -0.01 min

Lab File: BG042538.D

Acq: 28 Aug 2019 18:40

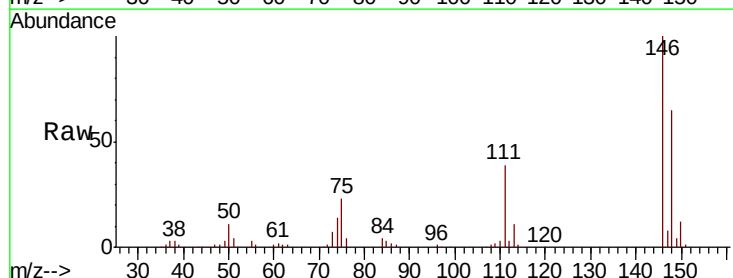
Tgt Ion: 146 Resp: 86256

Ion Ratio Lower Upper

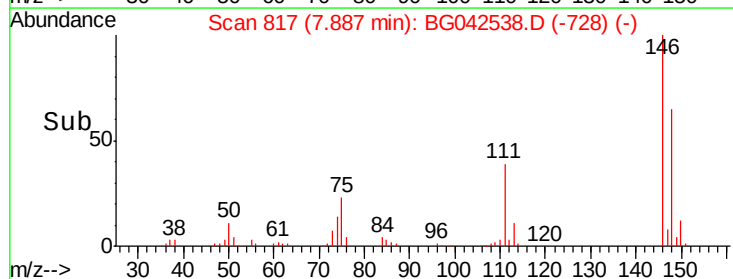
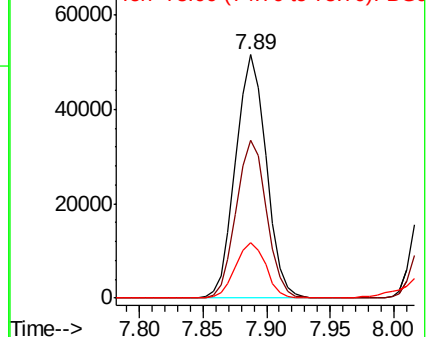
146 100

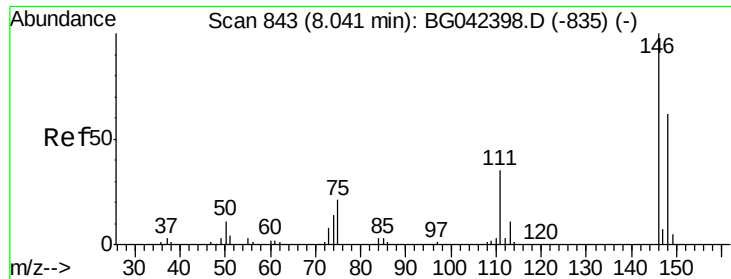
148 65.1 52.2 78.2

75 23.0 18.0 27.0



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

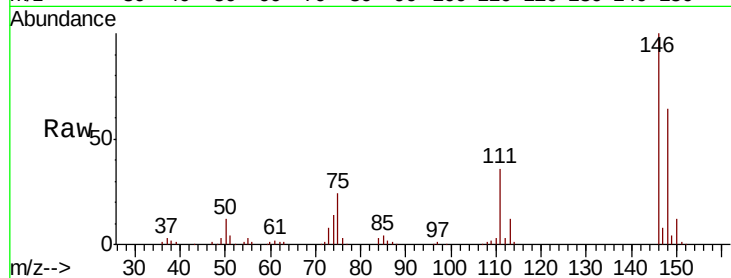




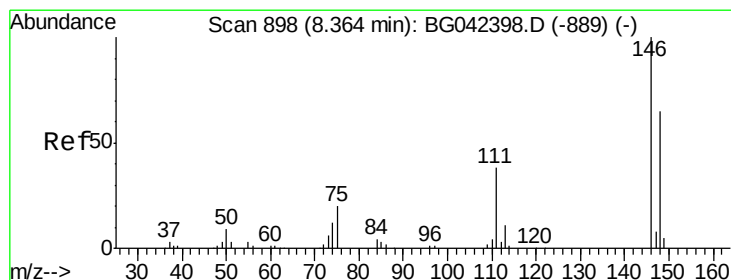
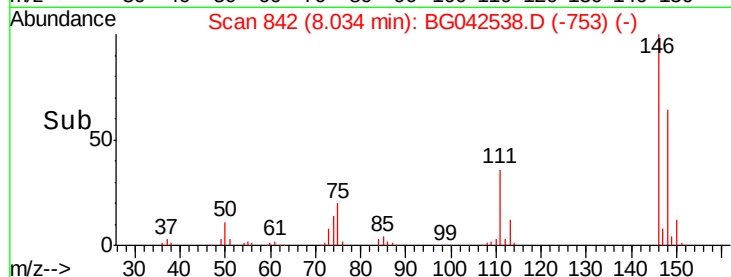
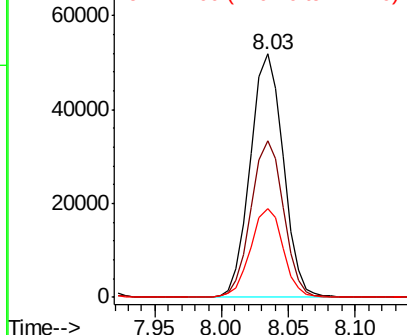
#13
 1,4-Dichlorobenzene
 Concen: 34.045 ng
 RT: 8.03 min Scan# 842
 Delta R.T. -0.01 min
 Lab File: BG042538.D
 Acq: 28 Aug 2019 18:40

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:146 Resp: 88490
 Ion Ratio Lower Upper
 146 100
 148 64.3 49.5 74.3
 111 36.4 28.1 42.1

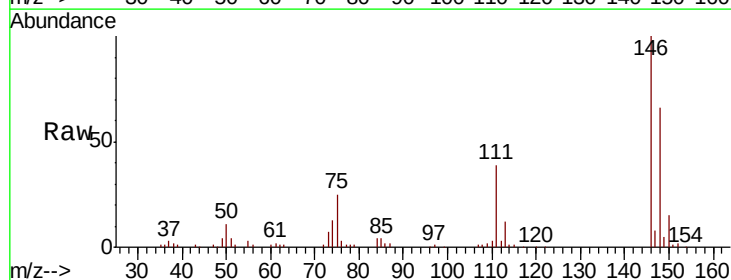


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

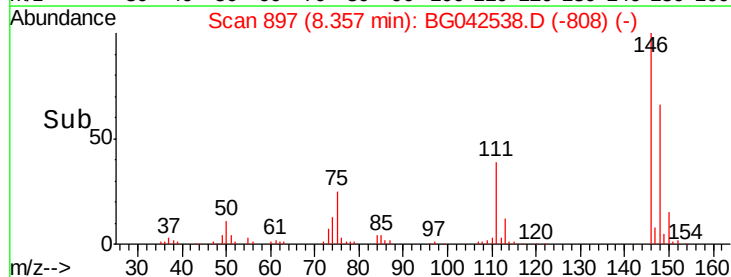
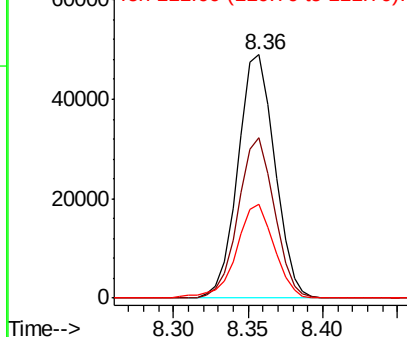


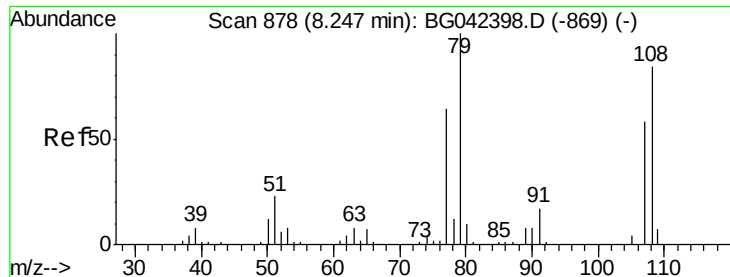
#14
 1,2-Dichlorobenzene
 Concen: 33.696 ng
 RT: 8.36 min Scan# 897
 Delta R.T. -0.01 min
 Lab File: BG042538.D
 Acq: 28 Aug 2019 18:40

Tgt Ion:146 Resp: 83875
 Ion Ratio Lower Upper
 146 100
 148 65.7 51.8 77.6
 111 38.6 30.9 46.3



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: 34.726 ng

RT: 8.24 min Scan# 877

Delta R.T. -0.01 min

Lab File: BG042538.D

Acq: 28 Aug 2019 18:40

Instrument :

BNA_G

ClientSampleId :

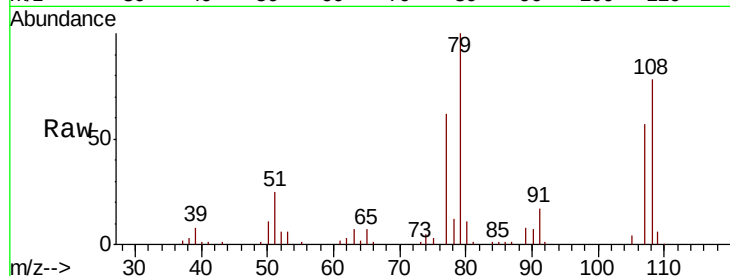
Tot Ion: 79 Resp: 56168

Ion Ratio Lower Upper

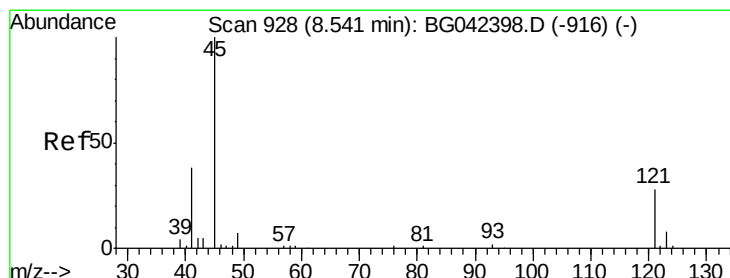
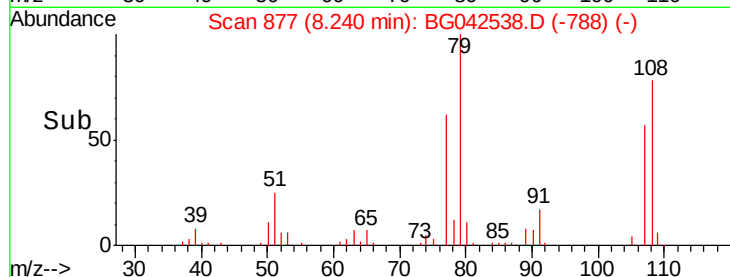
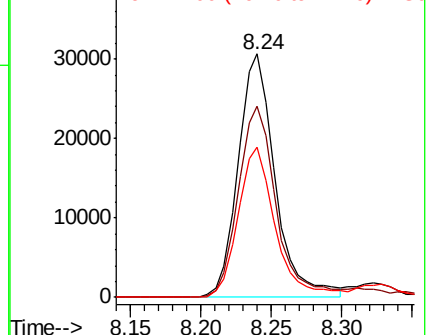
79 100

108 78.5 67.4 101.2

77 61.6 50.8 76.2



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: 30.470 ng

RT: 8.53 min Scan# 927

Delta R.T. -0.01 min

Lab File: BG042538.D

Acq: 28 Aug 2019 18:40

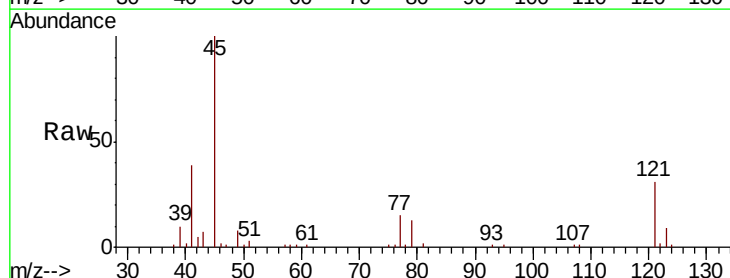
Tgt Ion: 45 Resp: 74140

Ion Ratio Lower Upper

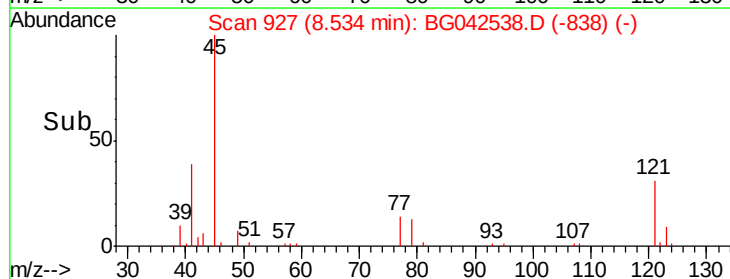
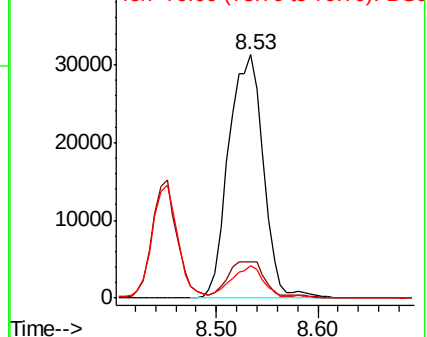
45 100

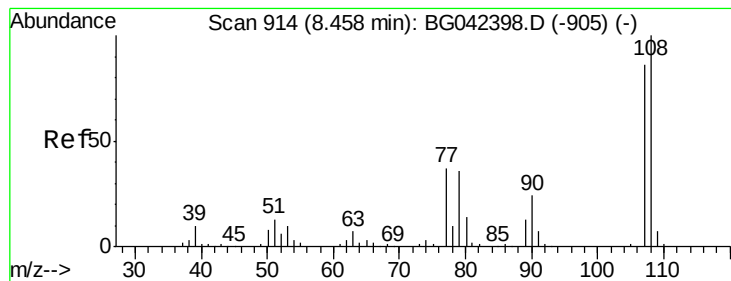
77 14.7 0.0 35.6

79 13.1 0.0 31.6



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

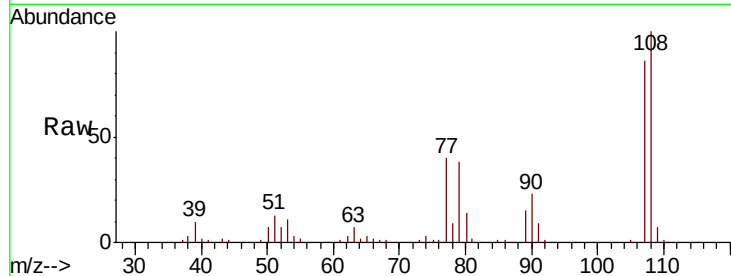




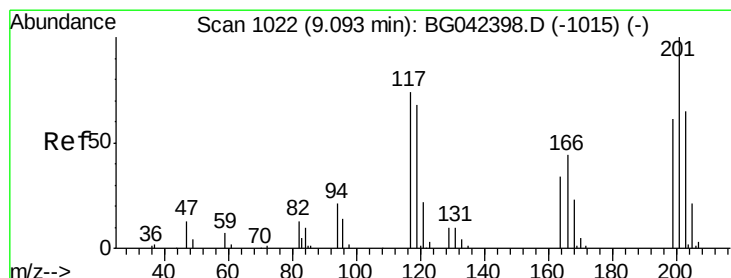
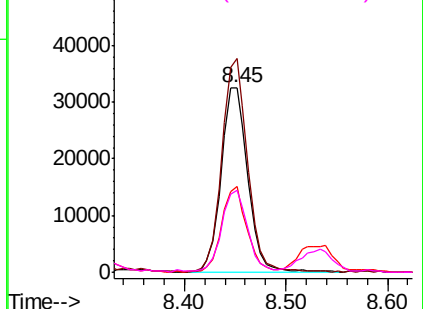
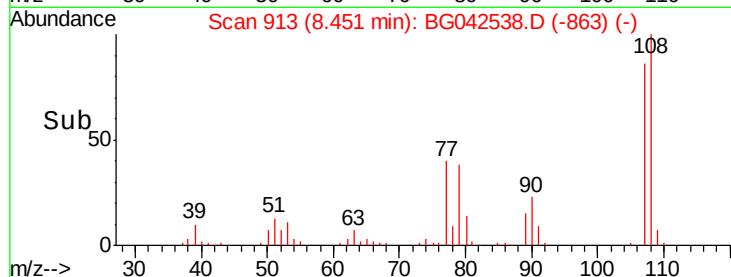
#17
2-Methylphenol
Concen: 35.288 ng
RT: 8.45 min Scan# 913
Delta R.T. -0.01 min
Lab File: BG042538.D
Acq: 28 Aug 2019 18:40

Instrument :
BNA_G
ClientSampled :

Tot Ion:107 Resp: 59414
Ion Ratio Lower Upper
107 100
108 115.6 92.9 139.3
77 46.6 34.4 51.6
79 44.4 33.8 50.6

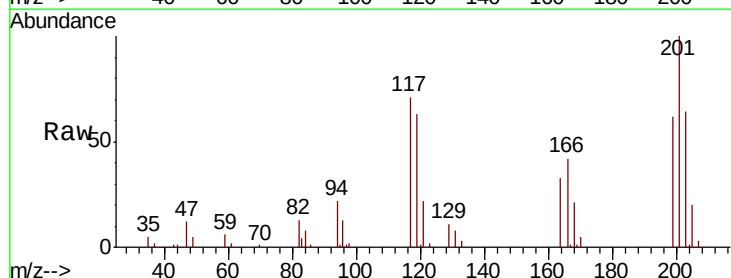


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

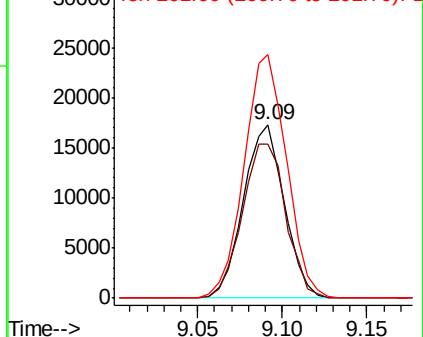
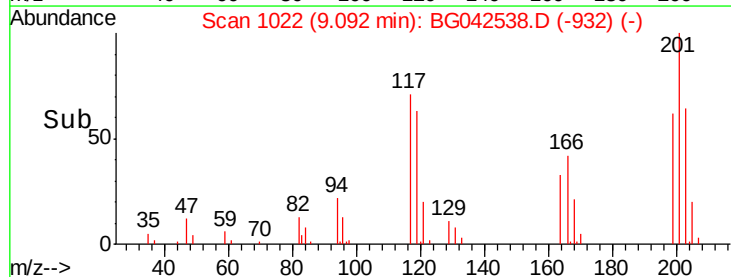


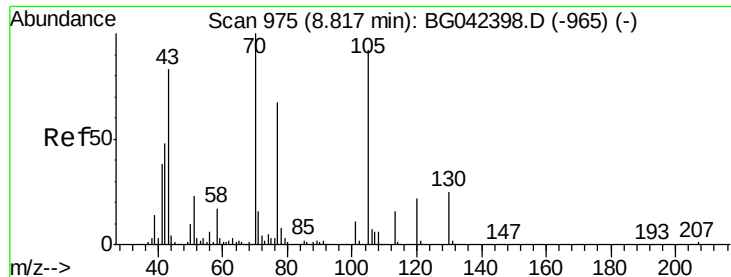
#18
Hexachloroethane
Concen: 32.756 ng
RT: 9.09 min Scan# 1022
Delta R.T. -0.00 min
Lab File: BG042538.D
Acq: 28 Aug 2019 18:40

Tgt Ion:117 Resp: 29147
Ion Ratio Lower Upper
117 100
119 88.6 73.8 110.8
201 140.3 108.3 162.5



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

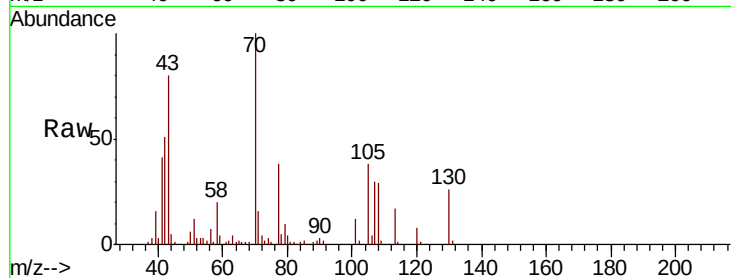




#19
n-Nitroso-di-n-propylamine
Concen: 32.226 ng
RT: 8.80 min Scan# 973
Delta R.T. -0.01 min
Lab File: BG042538.D
Acq: 28 Aug 2019 18:40

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	70	Resp:	46938
Ion	Ratio	Lower	Upper
70	100		
42	50.6	38.8	58.2
101	12.0	9.0	13.6
130	25.9	20.0	30.0



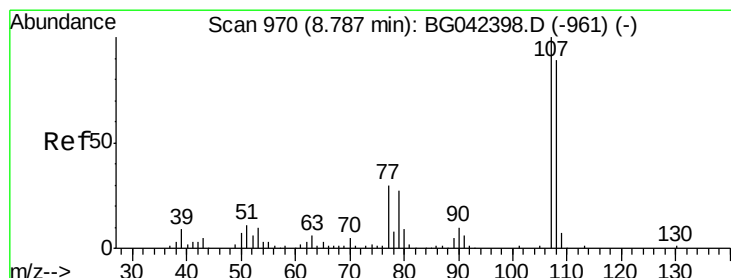
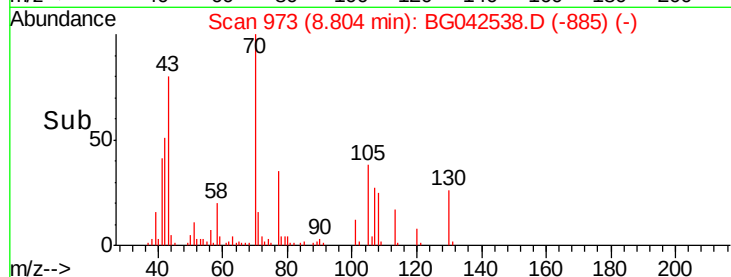
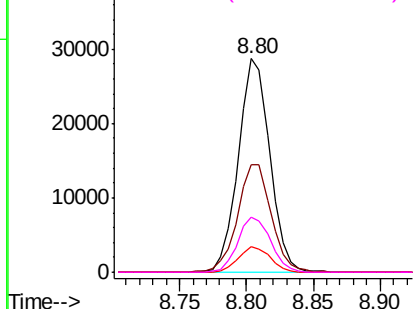
Abundance

Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

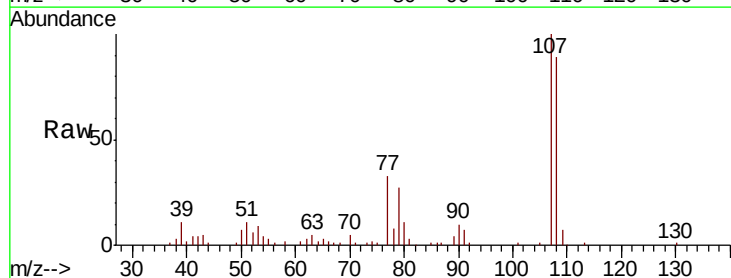
Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20
3+4-Methylphenols
Concen: 35.023 ng
RT: 8.78 min Scan# 969
Delta R.T. -0.01 min
Lab File: BG042538.D
Acq: 28 Aug 2019 18:40

Tgt Ion:	107	Resp:	81596
Ion	Ratio	Lower	Upper
107	100		
108	88.7	68.7	108.7
77	32.7	10.2	50.2
79	27.1	6.9	46.9



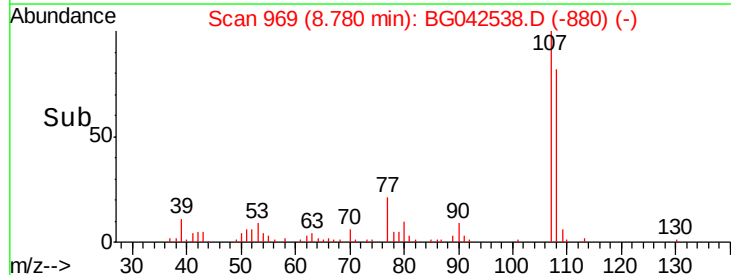
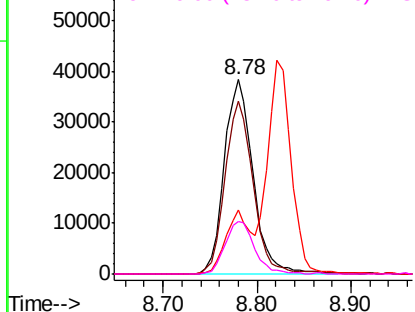
Abundance

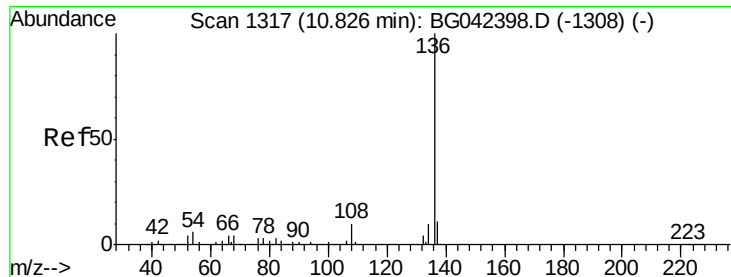
Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

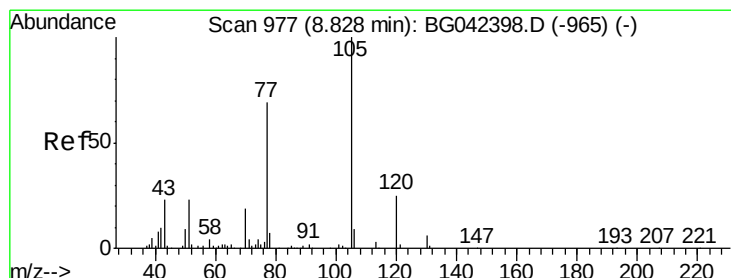
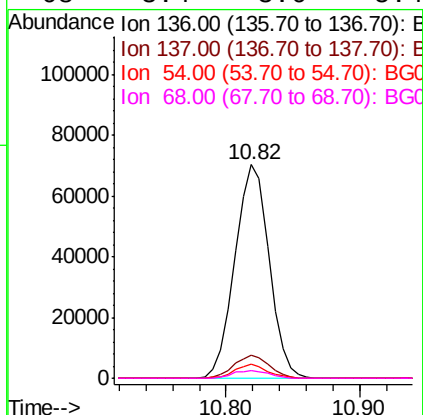
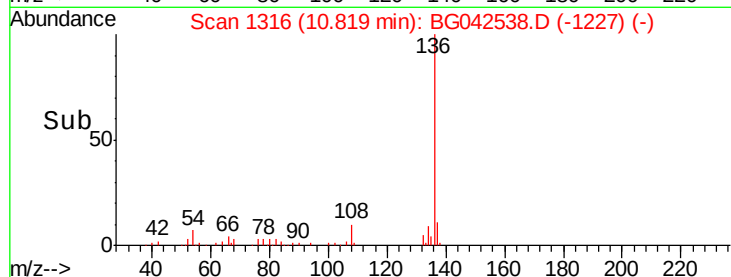
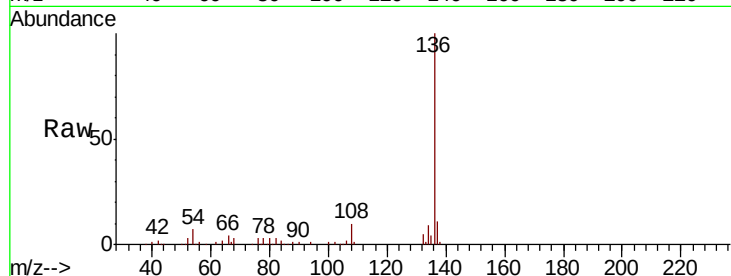




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.82 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BG042538.D
Acq: 28 Aug 2019 18:40

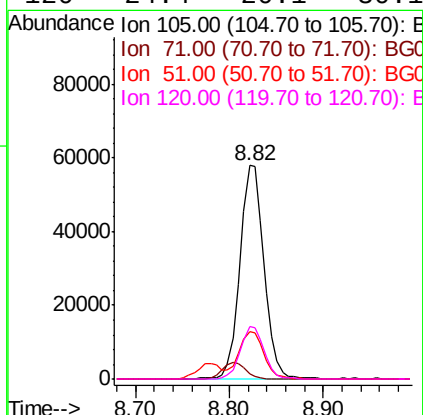
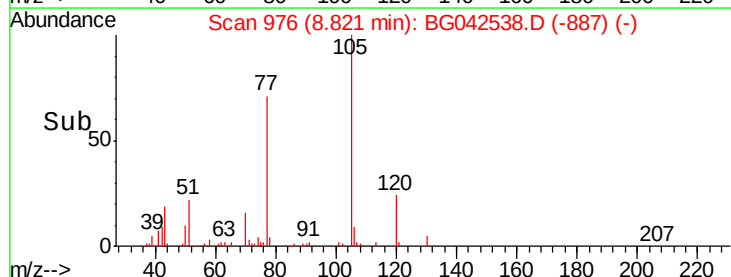
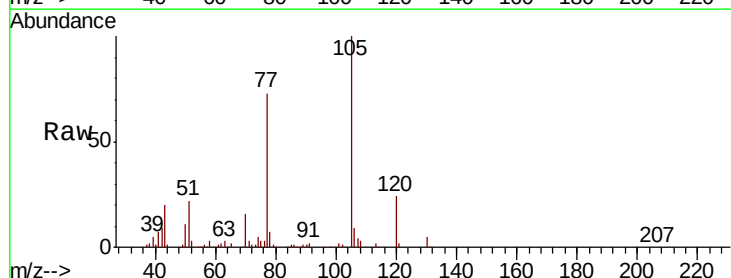
Instrument :
BNA_G
ClientSampled :

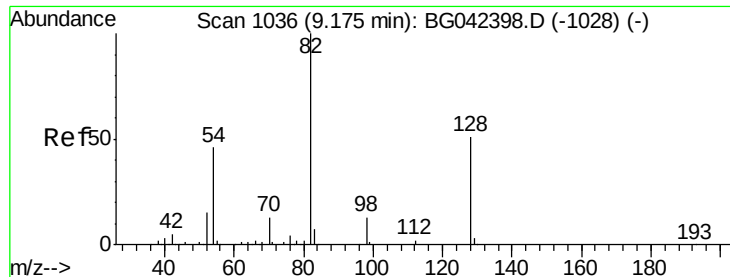
Tot Ion:136	Resp:	124717
Ion Ratio	Lower	Upper
136	100	
137	11.1	8.7 13.1
54	6.8	4.9 7.3
68	3.4	3.6 5.4#



#22
Acetophenone
Concen: 38.666 ng
RT: 8.82 min Scan# 976
Delta R.T. -0.01 min
Lab File: BG042538.D
Acq: 28 Aug 2019 18:40

Tgt Ion:105	Resp:	103141
Ion Ratio	Lower	Upper
105	100	
71	2.6	2.8 4.2#
51	22.3	18.7 28.1
120	24.4	20.1 30.1

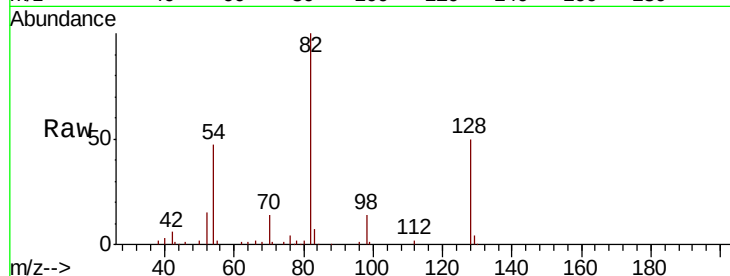




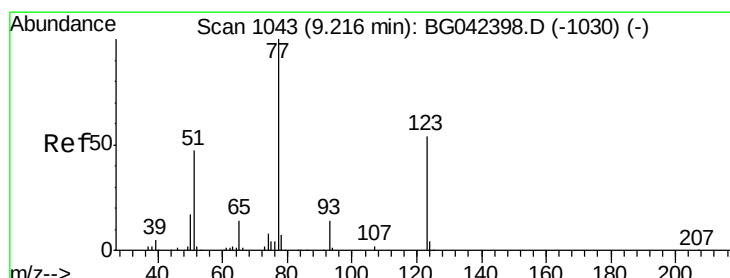
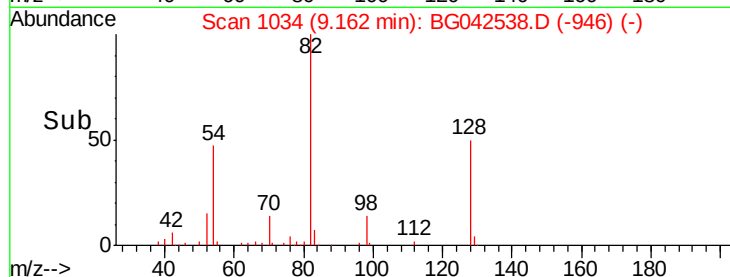
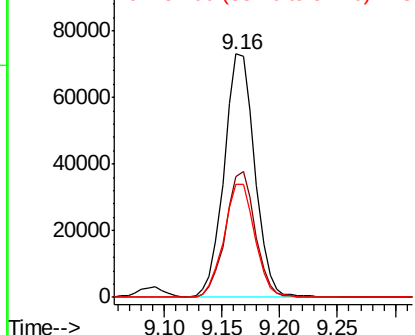
#23
 Nitrobenzene-d5
 Concen: 74.499 ng
 RT: 9.16 min Scan# 1034
 Delta R.T. -0.01 min
 Lab File: BG042538.D
 Acq: 28 Aug 2019 18:40

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	82	Resp	134454
Ion Ratio	Lower	Upper	
82	100		
128	49.6	40.7	61.1
54	46.6	36.3	54.5

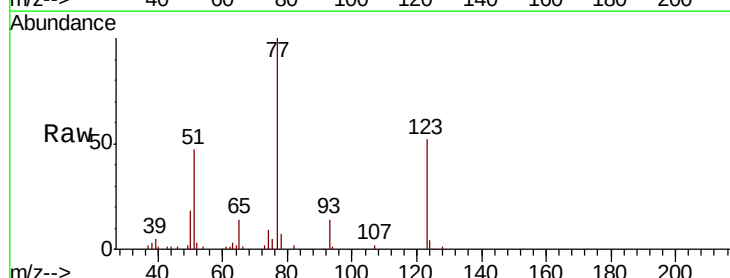


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

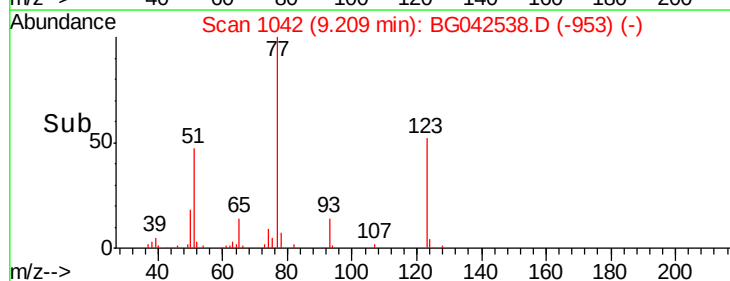
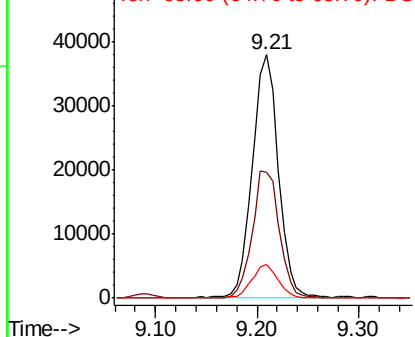


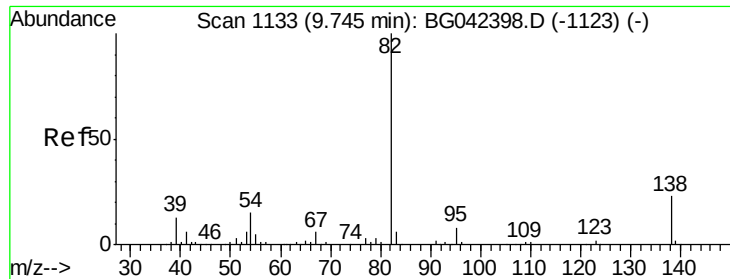
#24
 Nitrobenzene
 Concen: 37.274 ng
 RT: 9.21 min Scan# 1042
 Delta R.T. -0.01 min
 Lab File: BG042538.D
 Acq: 28 Aug 2019 18:40

Tgt Ion	77	Resp	68122
Ion Ratio	Lower	Upper	
77	100		
123	51.8	43.4	65.0
65	13.9	11.0	16.6



Abundance Ion 77.00 (76.70 to 77.70): BGC
 Ion 123.00 (122.70 to 123.70): BGC
 Ion 65.00 (64.70 to 65.70): BGC





#25

Isophorone

Concen: 36.632 ng

RT: 9.73 min Scan# 1131

Delta R.T. -0.01 min

Lab File: BG042538.D

Acq: 28 Aug 2019 18:40

Instrument :

BNA_G

ClientSampleId :

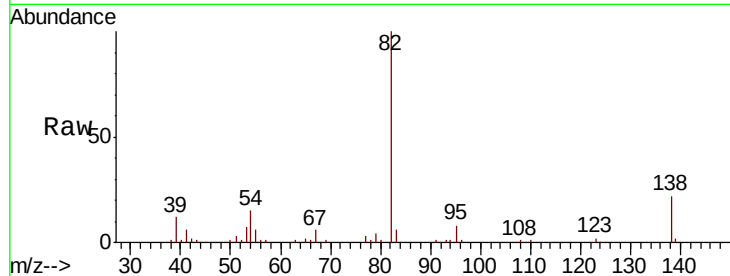
Tot Ion: 82 Resp: 130473

Ion Ratio Lower Upper

82 100

95 8.1 6.6 9.8

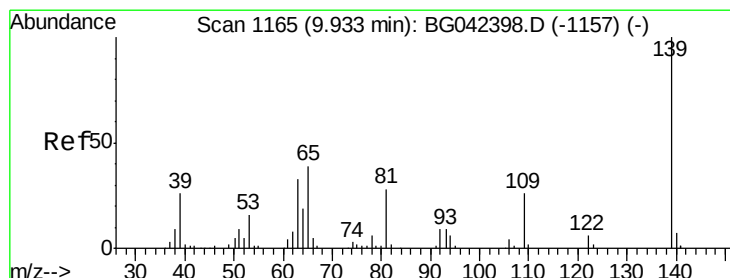
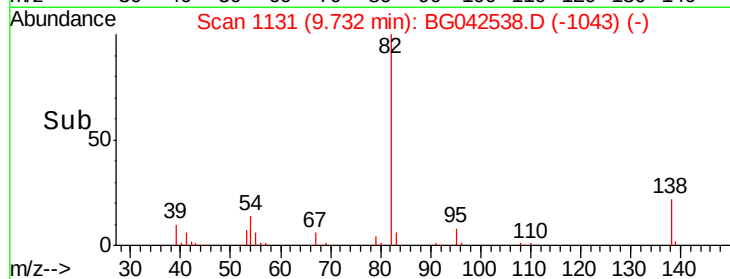
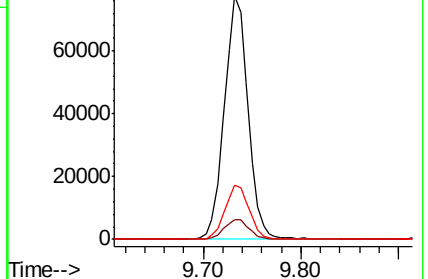
138 22.3 18.6 27.8



Abundance Ion 82.00 (81.70 to 82.70): BG042538.D (-1123) (-)

Ion 95.00 (94.70 to 95.70): BG042538.D (-1123) (-)

Ion 138.00 (137.70 to 138.70): BG042538.D (-1123) (-)



#26

2-Nitrophenol

Concen: 40.238 ng

RT: 9.93 min Scan# 1164

Delta R.T. -0.01 min

Lab File: BG042538.D

Acq: 28 Aug 2019 18:40

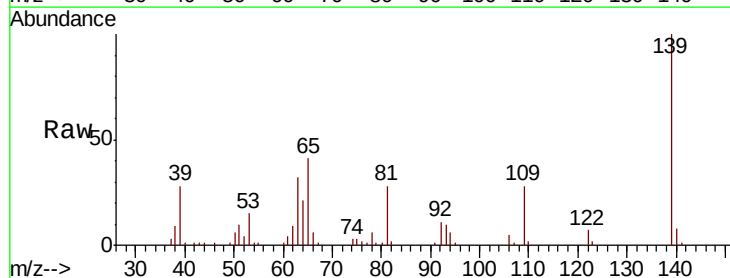
Tgt Ion: 139 Resp: 46084

Ion Ratio Lower Upper

139 100

109 28.5 20.5 30.7

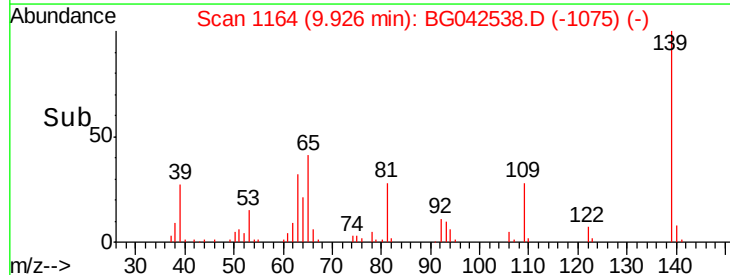
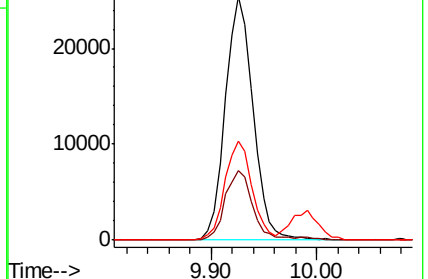
65 40.9 30.9 46.3

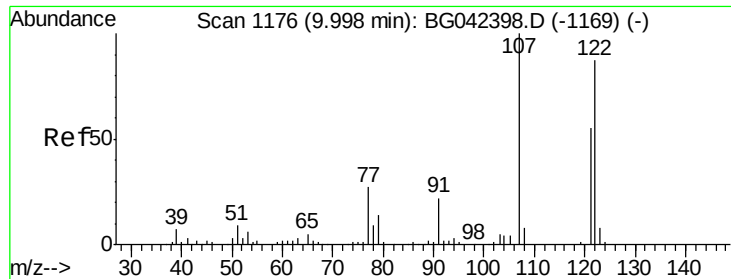


Abundance Ion 139.00 (138.70 to 139.70): BG042538.D (-1157) (-)

Ion 109.00 (108.70 to 109.70): BG042538.D (-1157) (-)

Ion 65.00 (64.70 to 65.70): BG042538.D (-1157) (-)

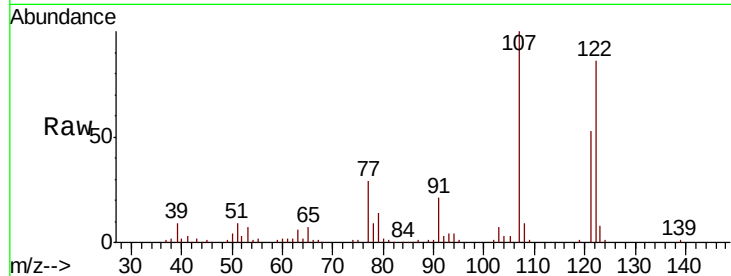




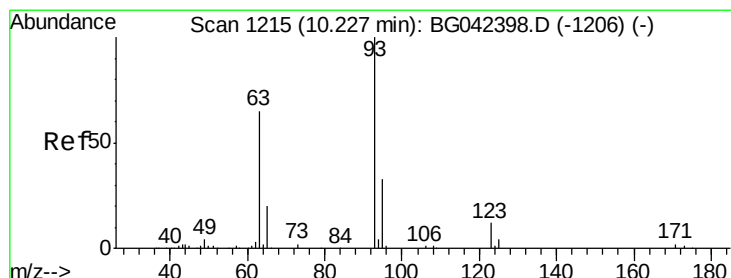
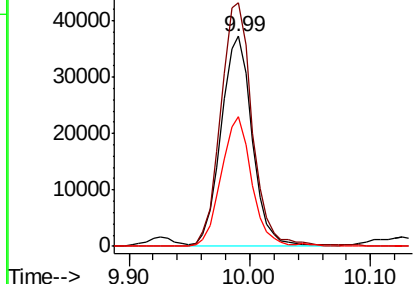
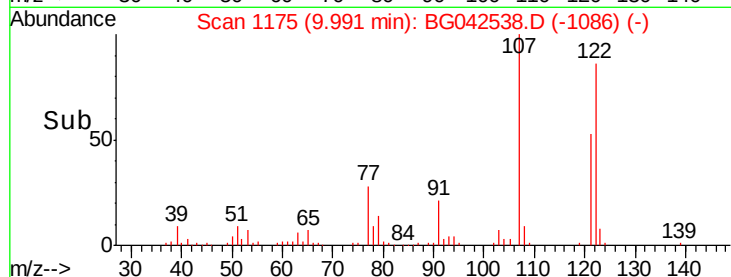
#27
 2,4-Dimethylphenol
 Concen: 42.318 ng
 RT: 9.99 min Scan# 1175
 Delta R.T. -0.01 min
 Lab File: BG042538.D
 Acq: 28 Aug 2019 18:40

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:122 Resp: 66762
 Ion Ratio Lower Upper
 122 100
 107 115.9 90.8 136.2
 121 61.9 49.6 74.4

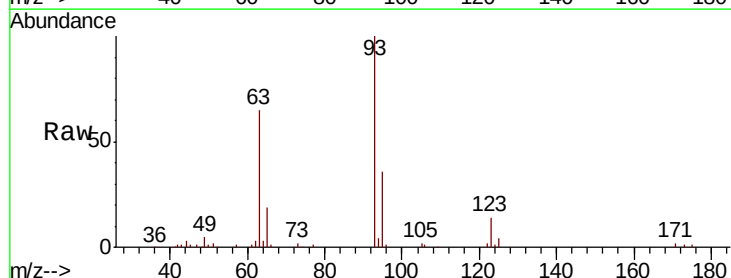


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

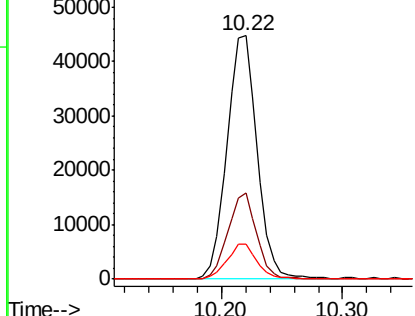
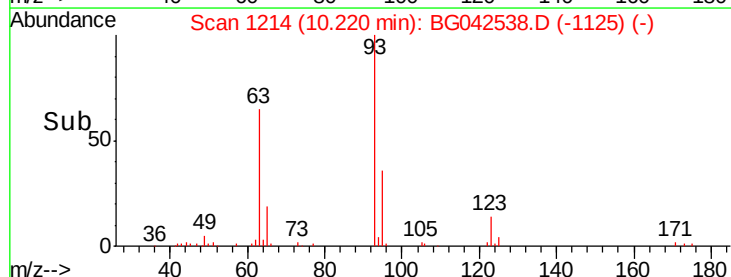


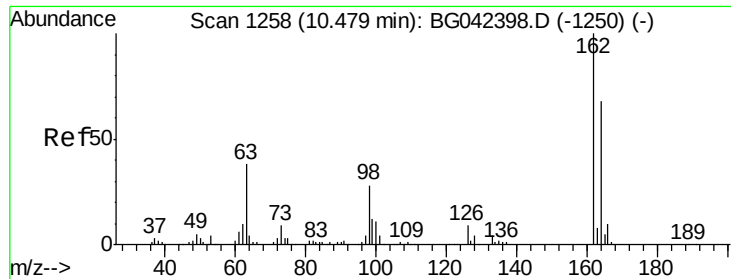
#28
 bis(2-Chloroethoxy)methane
 Concen: 34.646 ng
 RT: 10.22 min Scan# 1214
 Delta R.T. -0.01 min
 Lab File: BG042538.D
 Acq: 28 Aug 2019 18:40

Tgt Ion: 93 Resp: 77776
 Ion Ratio Lower Upper
 93 100
 95 35.6 26.6 40.0
 123 14.1 10.1 15.1



Abundance Ion 93.00 (92.70 to 93.70): BGC
 Ion 95.00 (94.70 to 95.70): BGC
 Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 41.973 ng

RT: 10.47 min Scan# 1257

Delta R.T. -0.01 min

Lab File: BG042538.D

Acq: 28 Aug 2019 18:40

Instrument :

BNA_G

ClientSampled :

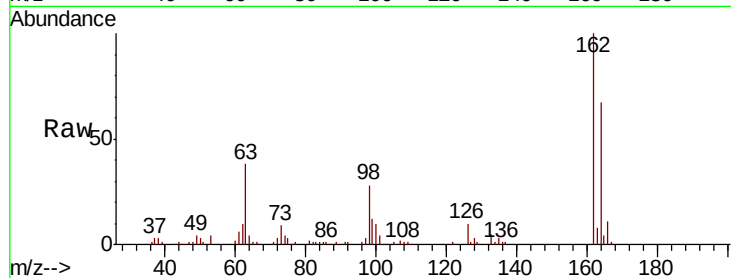
Tot Ion:162 Resp: 86637

Ion Ratio Lower Upper

162 100

164 67.5 48.1 88.1

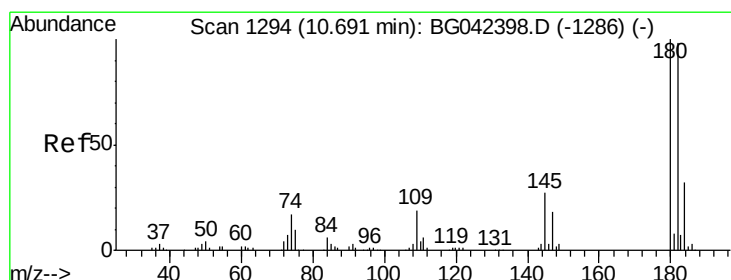
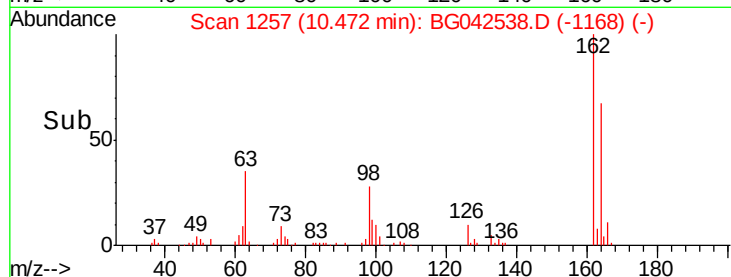
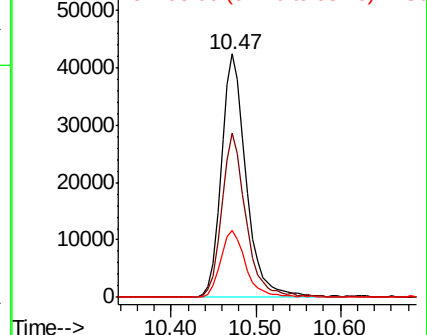
98 27.7 7.6 47.6



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BGC



#30

1,2,4-Trichlorobenzene

Concen: 37.837 ng

RT: 10.68 min Scan# 1293

Delta R.T. -0.01 min

Lab File: BG042538.D

Acq: 28 Aug 2019 18:40

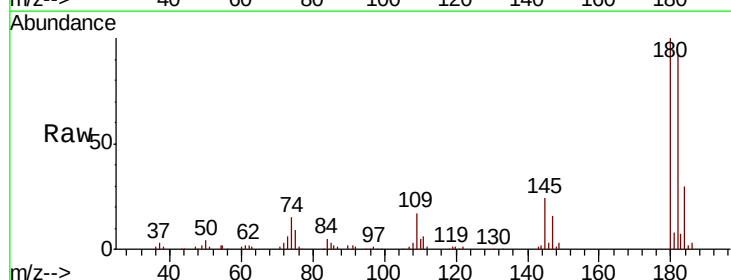
Tgt Ion:180 Resp: 95863

Ion Ratio Lower Upper

180 100

182 91.6 78.7 118.1

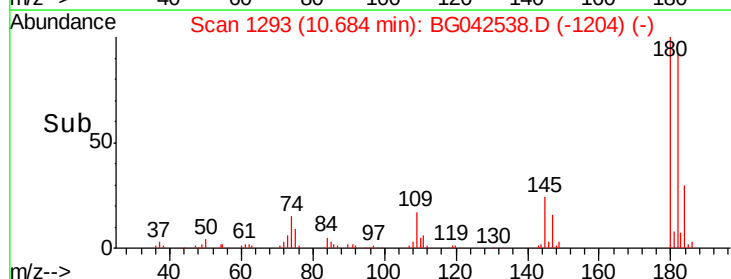
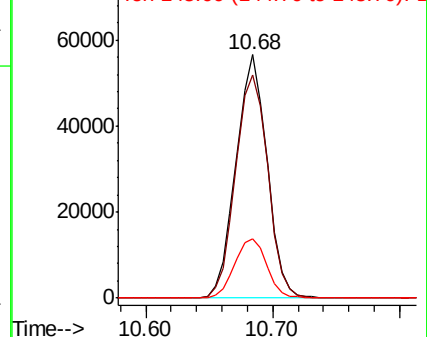
145 24.2 21.6 32.4

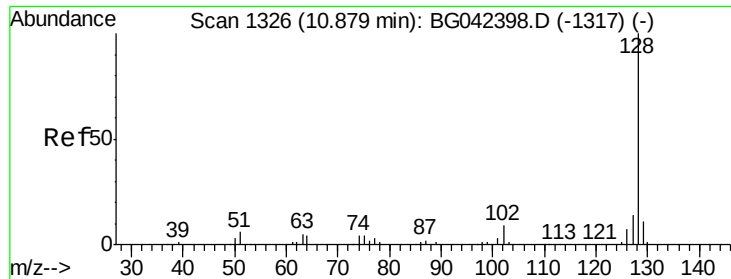


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

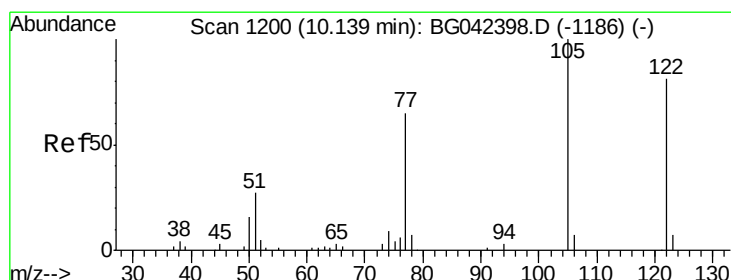
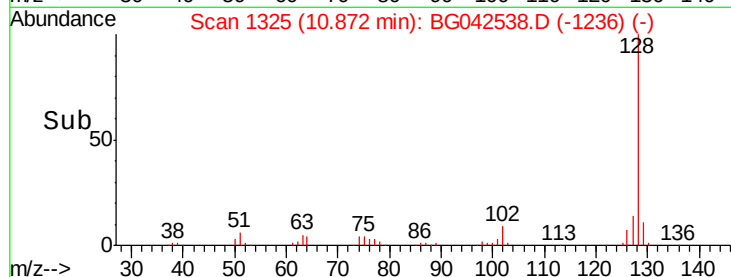
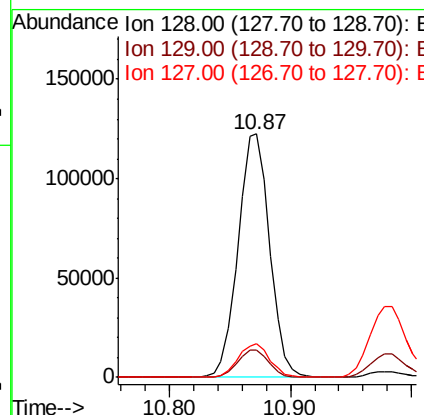
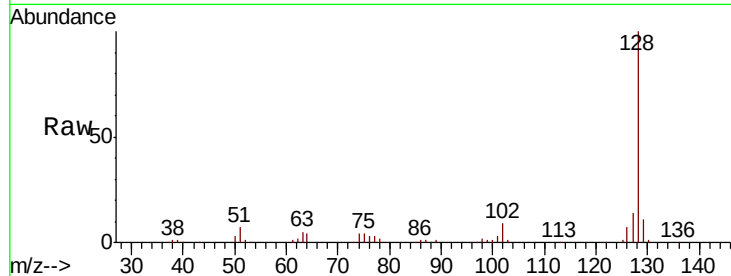




#31
Naphthalene
Concen: 38.513 ng
RT: 10.87 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BG042538.D
Acq: 28 Aug 2019 18:40

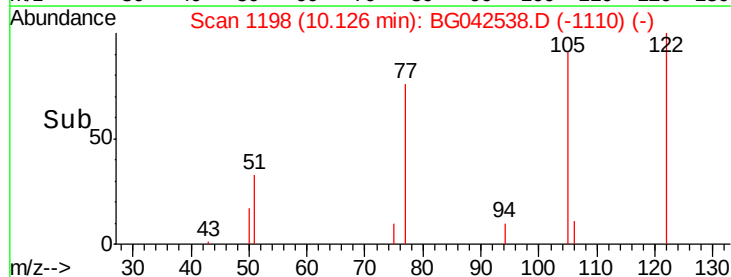
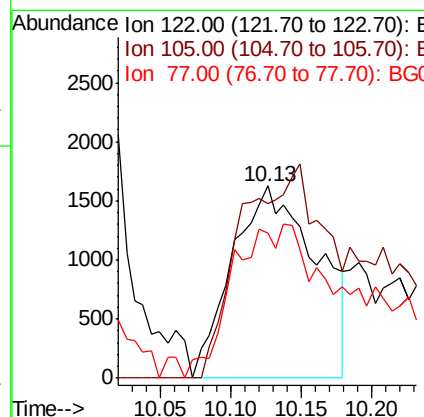
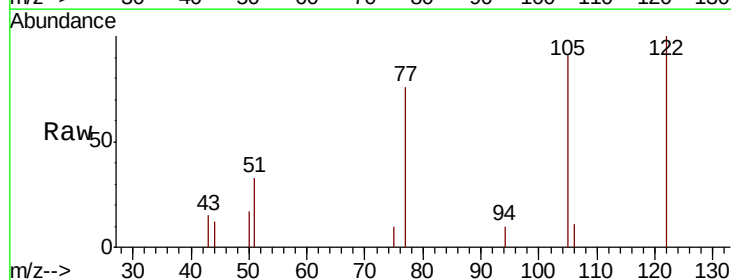
Instrument :
BNA_G
ClientSampleId :

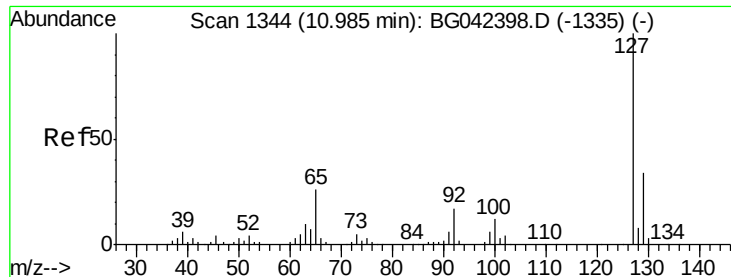
Tot Ion:128 Resp: 223003
Ion Ratio Lower Upper
128 100
129 11.0 8.8 13.2
127 14.0 11.4 17.0



#32
Benzoic acid
Concen: 13.069 ng
RT: 10.13 min Scan# 1198
Delta R.T. -0.01 min
Lab File: BG042538.D
Acq: 28 Aug 2019 18:40

Tgt Ion:122 Resp: 6760
Ion Ratio Lower Upper
122 100
105 90.8 99.6 139.6#
77 75.6 59.5 99.5

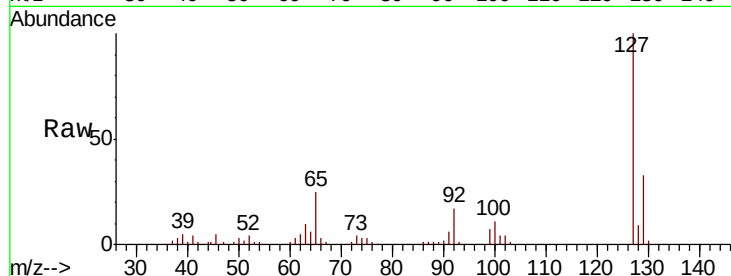




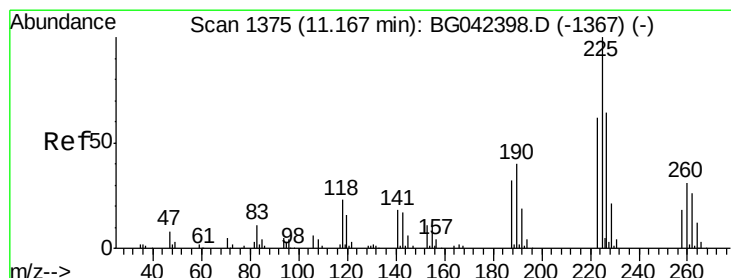
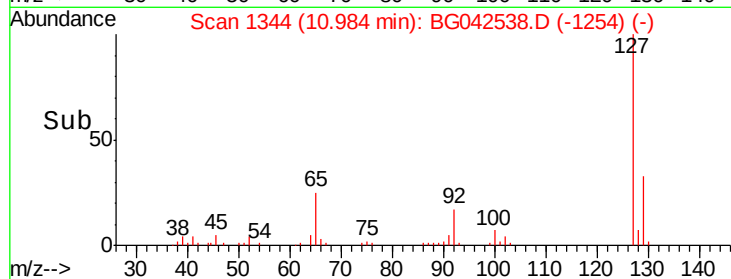
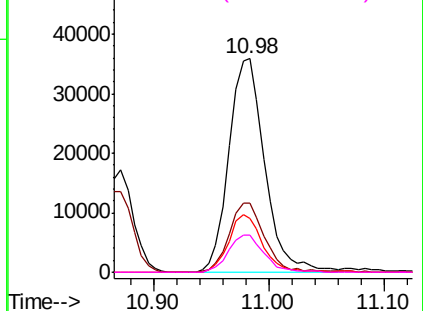
#33
4-Chloroaniline
Concen: 28.986 ng
RT: 10.98 min Scan# 1344
Delta R.T. -0.00 min
Lab File: BG042538.D
Acq: 28 Aug 2019 18:40

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	77480
Ion	Ratio	Lower	Upper
127	100		
129	32.7	26.8	40.2
65	25.3	20.7	31.1
92	17.3	13.6	20.4

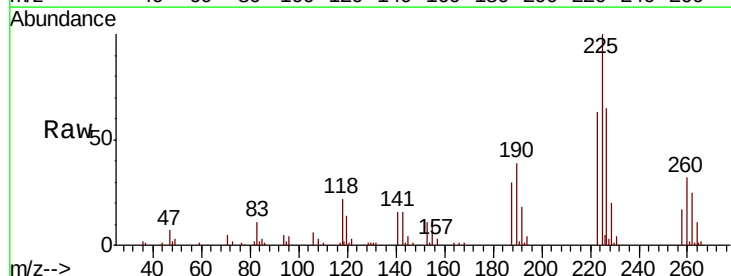


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

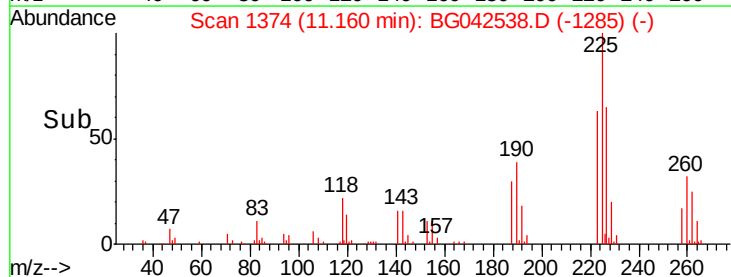
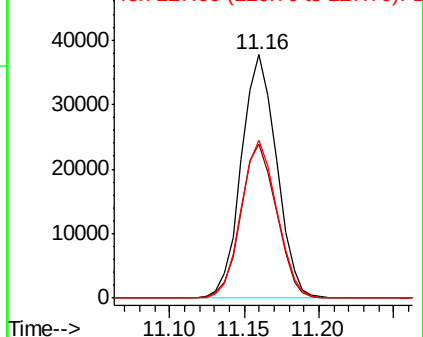


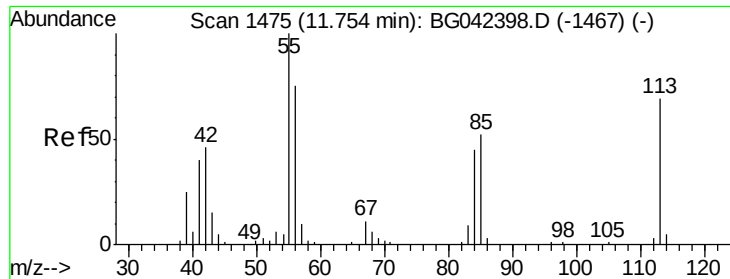
#34
Hexachlorobutadiene
Concen: 36.266 ng
RT: 11.16 min Scan# 1374
Delta R.T. -0.01 min
Lab File: BG042538.D
Acq: 28 Aug 2019 18:40

Tgt Ion:	225	Resp:	61751
Ion	Ratio	Lower	Upper
225	100		
223	63.4	49.8	74.6
227	65.0	50.9	76.3



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

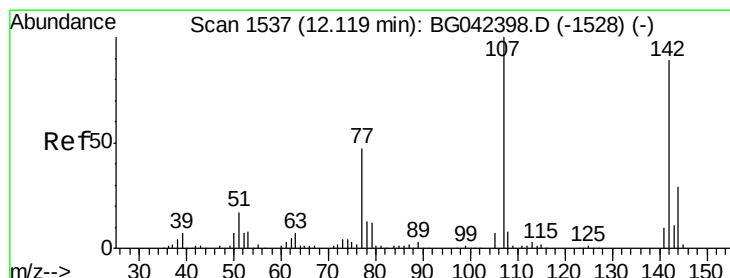
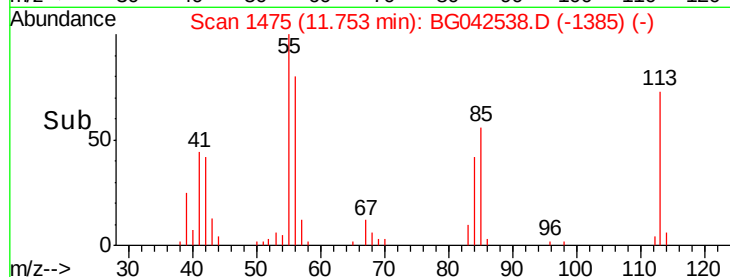
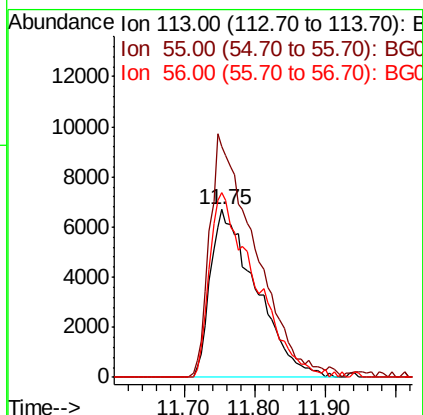
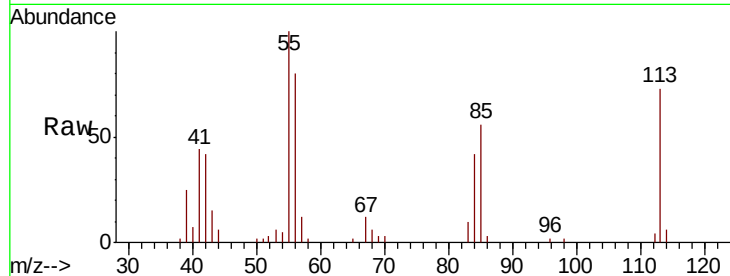




#35
 Caprolactam
 Concen: 43.880 ng
 RT: 11.75 min Scan# 1475
 Delta R.T. -0.00 min
 Lab File: BG042538.D
 Acq: 28 Aug 2019 18:40

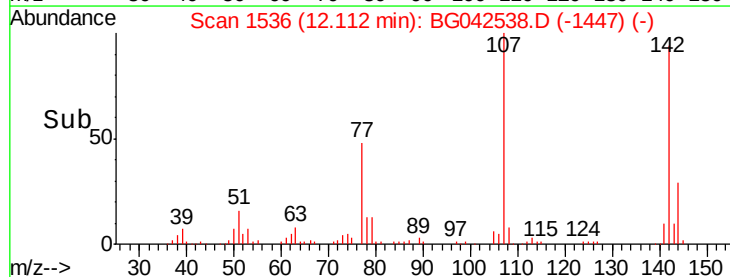
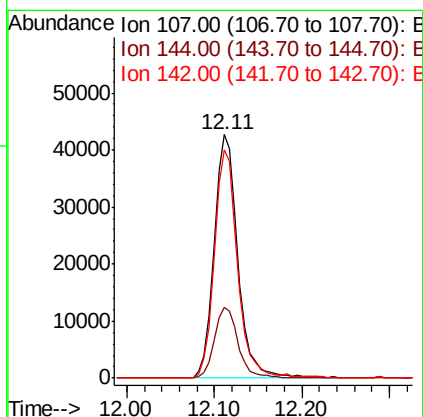
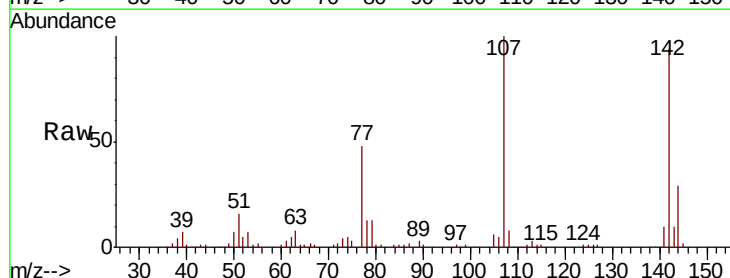
Instrument :
 BNA_G
 ClientSampled :

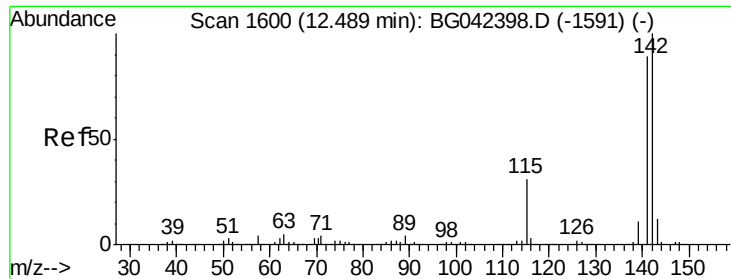
Tot Ion:113 Resp: 30222
 Ion Ratio Lower Upper
 113 100
 55 137.5 124.6 164.6
 56 110.3 88.3 128.3



#36
 4-Chloro-3-methylphenol
 Concen: 40.901 ng
 RT: 12.11 min Scan# 1536
 Delta R.T. -0.01 min
 Lab File: BG042538.D
 Acq: 28 Aug 2019 18:40

Tgt Ion:107 Resp: 80142
 Ion Ratio Lower Upper
 107 100
 144 29.0 23.6 35.4
 142 93.5 71.0 106.4

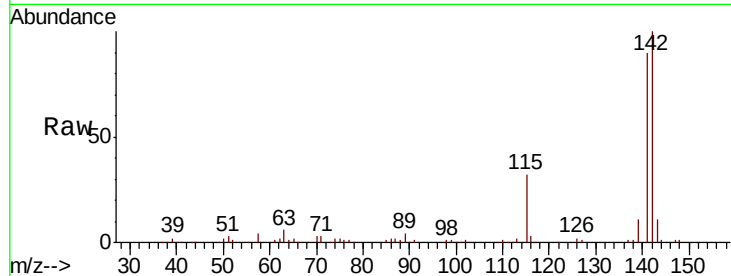




#37
2-Methylnaphthalene
Concen: 38.766 ng
RT: 12.48 min Scan# 1599
Delta R.T. -0.01 min
Lab File: BG042538.D
Acq: 28 Aug 2019 18:40

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.7	71.4	107.2
115	31.8	25.2	37.8

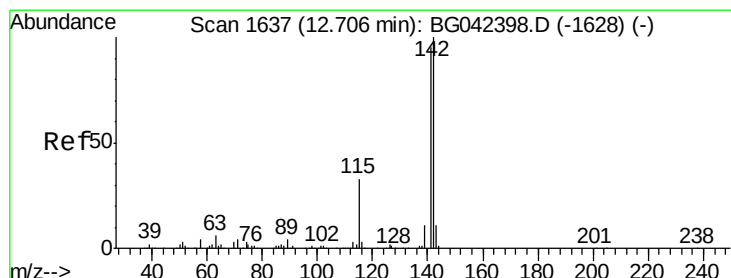
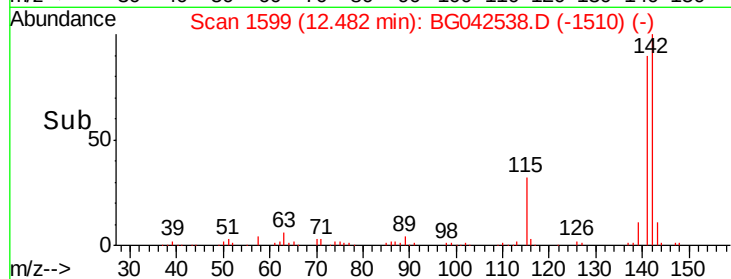
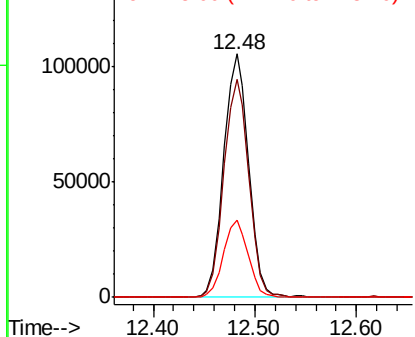


Abundance

Ion 142.00 (141.70 to 142.70): E

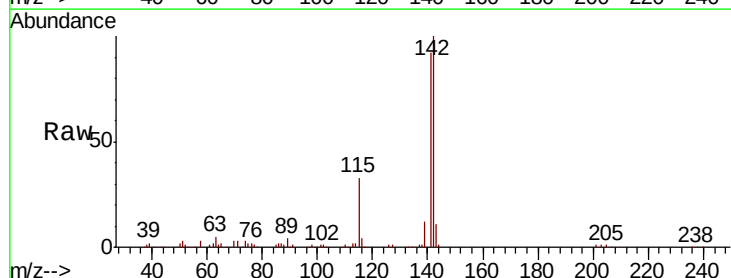
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 38.224 ng
RT: 12.70 min Scan# 1636
Delta R.T. -0.01 min
Lab File: BG042538.D
Acq: 28 Aug 2019 18:40

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.1	76.2	114.2
116	3.5	2.8	4.2

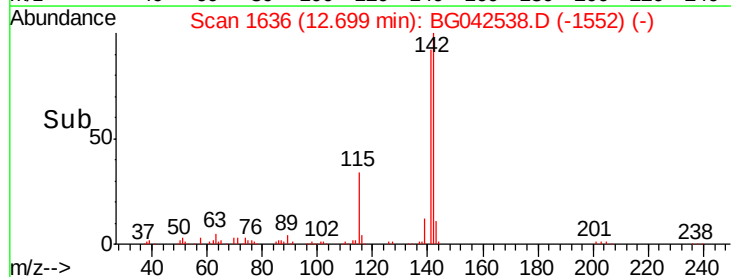
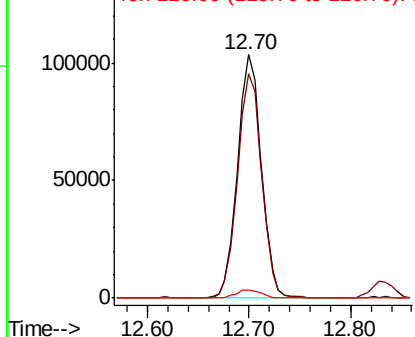


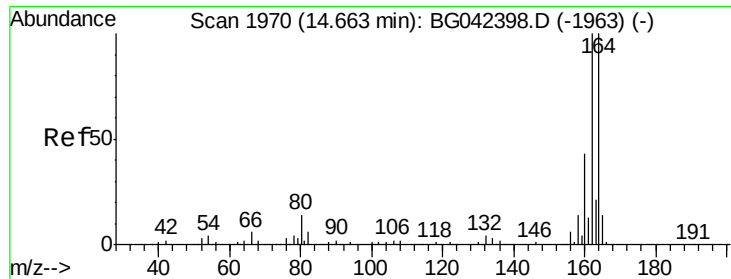
Abundance

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: 14.66 min Scan# 1969

Delta R.T. -0.01 min

Lab File: BG042538.D

Acq: 28 Aug 2019 18:40

Instrument :

BNA_G

ClientSampleId :

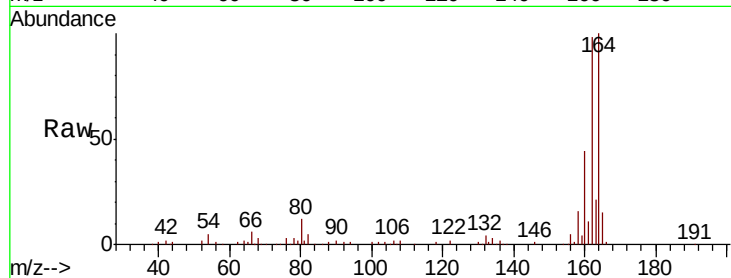
Tot Ion:164 Resp: 92232

Ion Ratio Lower Upper

164 100

162 97.8 79.9 119.9

160 44.2 34.3 51.5

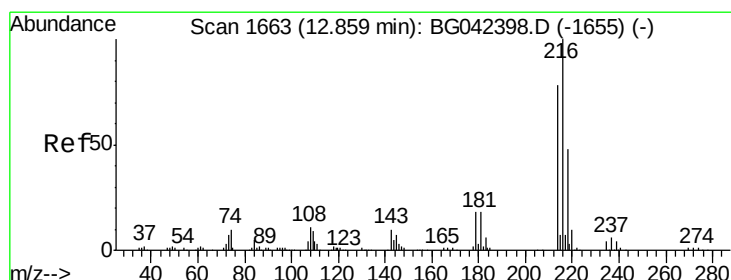
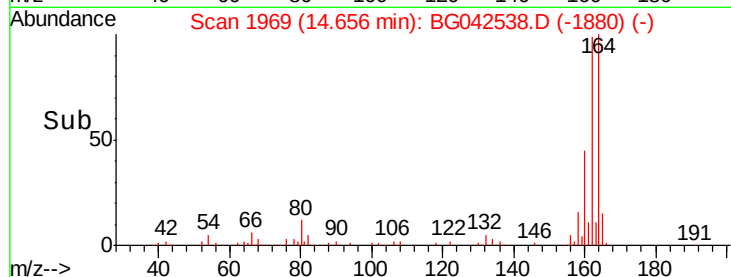
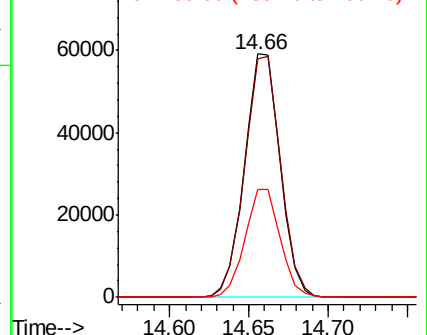


Abundance

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: 40.205 ng

RT: 12.85 min Scan# 1662

Delta R.T. -0.01 min

Lab File: BG042538.D

Acq: 28 Aug 2019 18:40

Tgt Ion:216 Resp: 119083

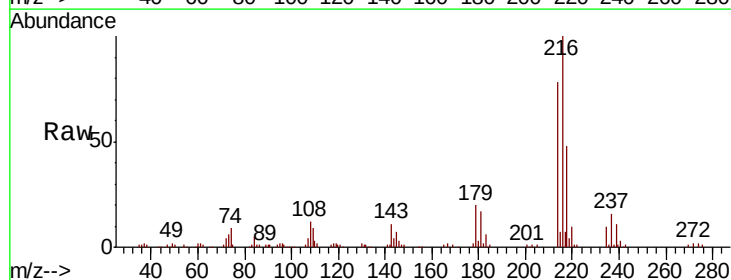
Ion Ratio Lower Upper

216 100

214 76.4 61.4 92.2

179 18.7 15.1 22.7

108 12.9 9.4 14.0



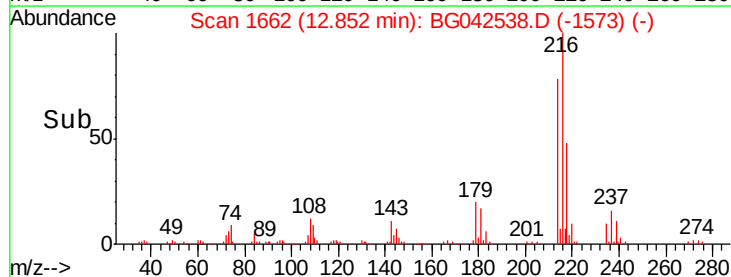
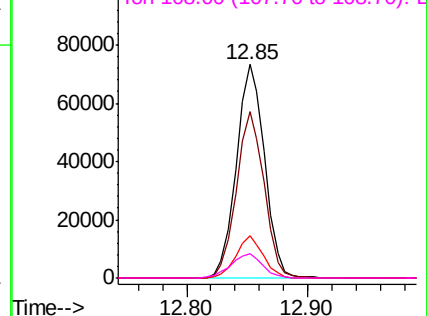
Abundance

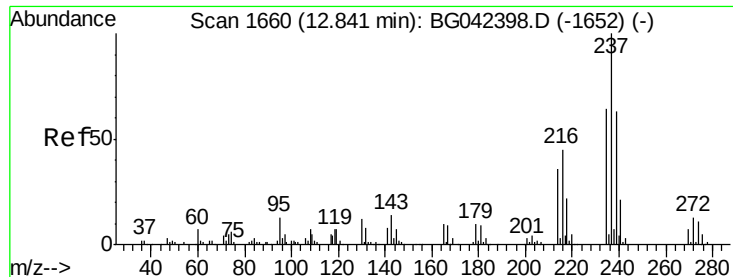
Ion 216.00 (215.70 to 216.70): E

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

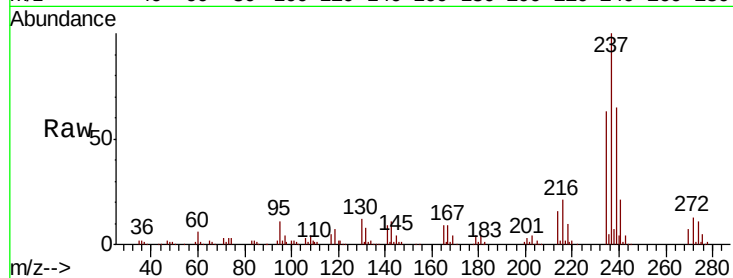




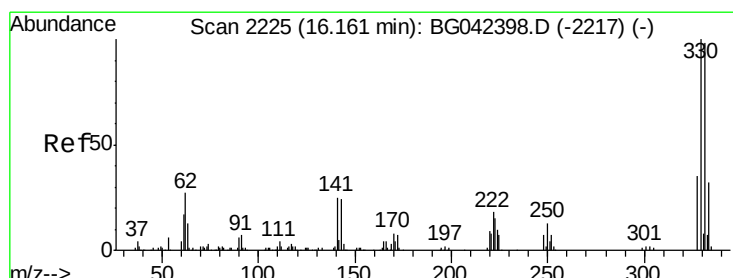
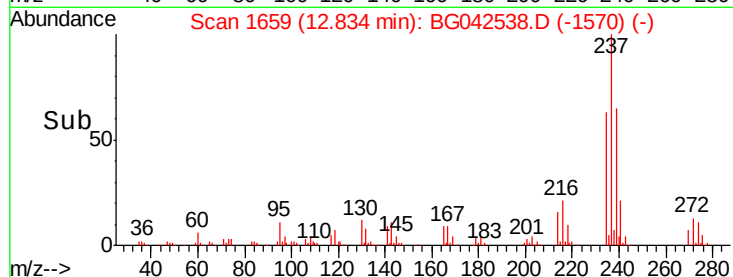
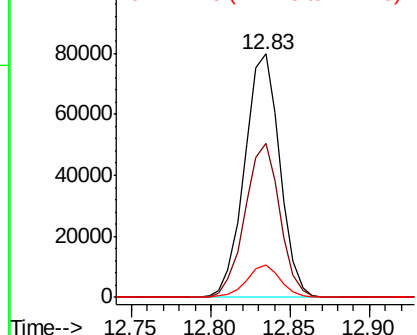
#41
Hexachlorocyclopentadiene
Concen: 78.852 ng
RT: 12.83 min Scan# 1659
Delta R.T. -0.01 min
Lab File: BG042538.D
Acq: 28 Aug 2019 18:40

Instrument :
BNA_G
ClientSampleId :

Tot Ion:237 Resp: 122682
Ion Ratio Lower Upper
237 100
235 63.4 43.7 83.7
272 13.4 0.0 33.3

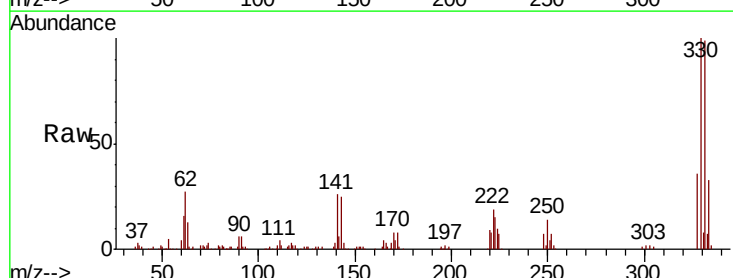


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

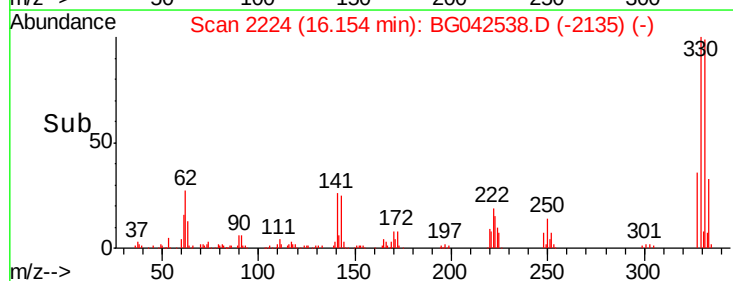
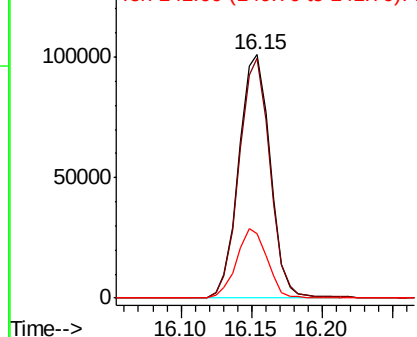


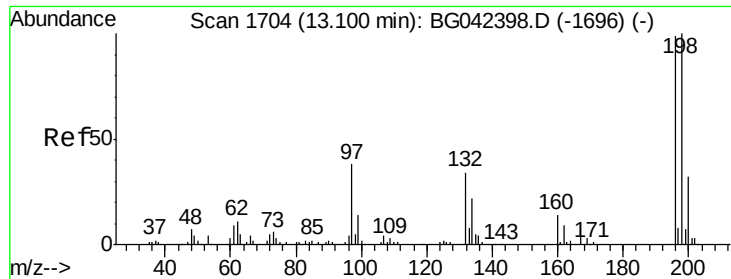
#42
2,4,6-Tribromophenol
Concen: 120.183 ng
RT: 16.15 min Scan# 2224
Delta R.T. -0.01 min
Lab File: BG042538.D
Acq: 28 Aug 2019 18:40

Tgt Ion:330 Resp: 157551
Ion Ratio Lower Upper
330 100
332 97.1 77.4 116.0
141 27.6 21.4 32.0



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

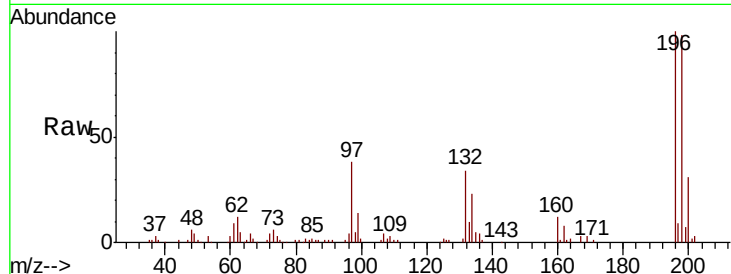




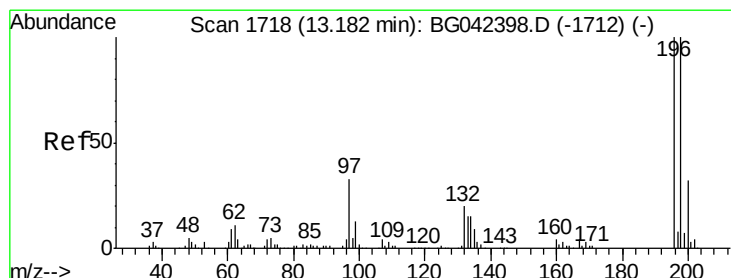
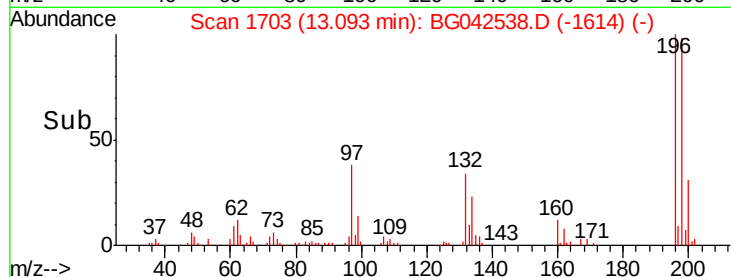
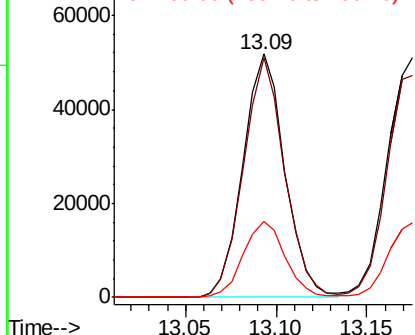
#43
 2,4,6-Trichlorophenol
 Concen: 41.470 ng
 RT: 13.09 min Scan# 1703
 Delta R.T. -0.01 min
 Lab File: BG042538.D
 Acq: 28 Aug 2019 18:40

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:196 Resp: 83024
 Ion Ratio Lower Upper
 196 100
 198 98.3 80.7 121.1
 200 31.3 25.7 38.5



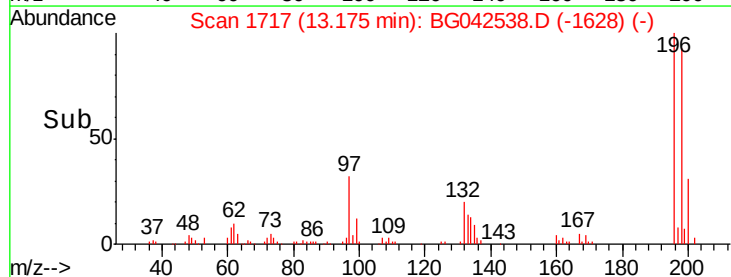
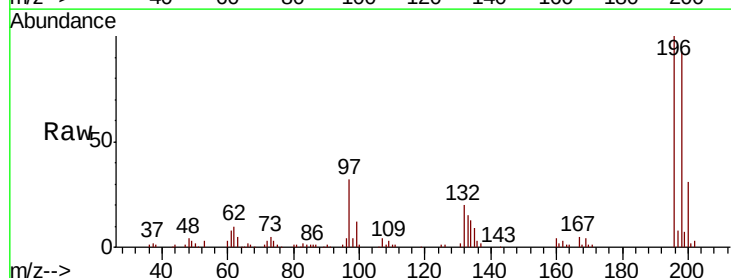
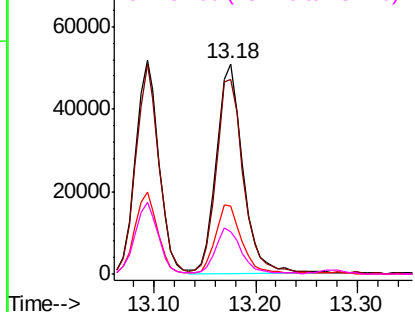
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

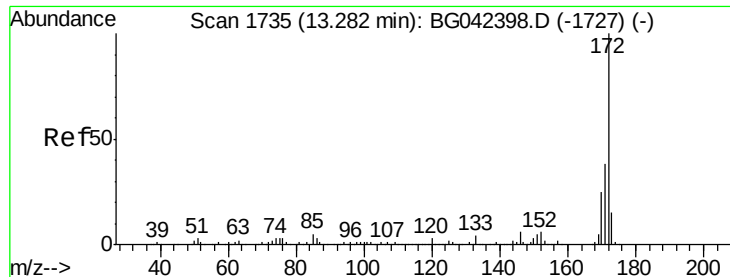


#44
 2,4,5-Trichlorophenol
 Concen: 44.633 ng
 RT: 13.18 min Scan# 1717
 Delta R.T. -0.01 min
 Lab File: BG042538.D
 Acq: 28 Aug 2019 18:40

Tgt Ion:196 Resp: 92599
 Ion Ratio Lower Upper
 196 100
 198 92.8 80.2 120.4
 97 32.4 26.3 39.5
 132 19.9 16.6 24.8

Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BGC
 Ion 132.00 (131.70 to 132.70): E

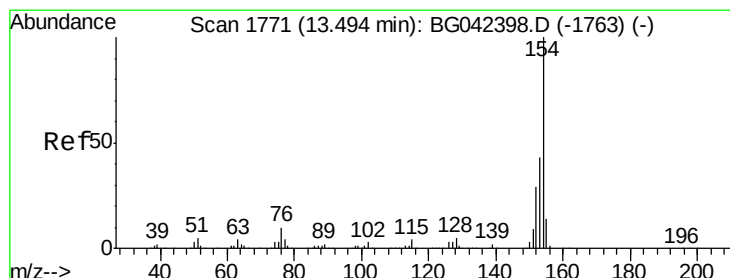
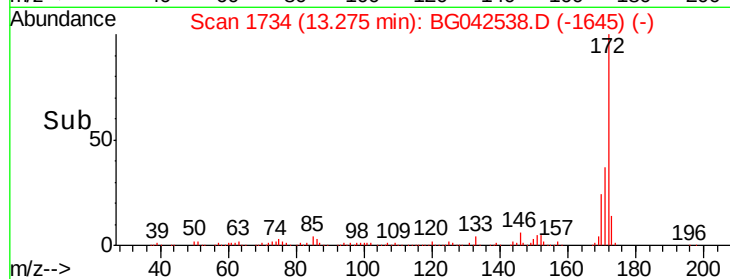
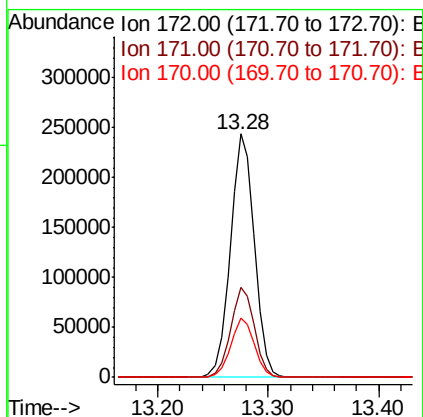
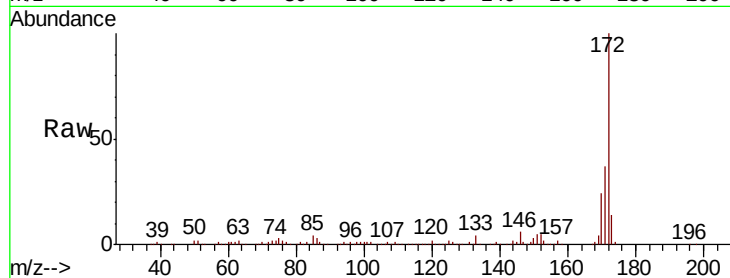




#45
2-Fluorobiphenyl
Concen: 67.856 ng
RT: 13.28 min Scan# 1734
Delta R.T. -0.01 min
Lab File: BG042538.D
Acq: 28 Aug 2019 18:40

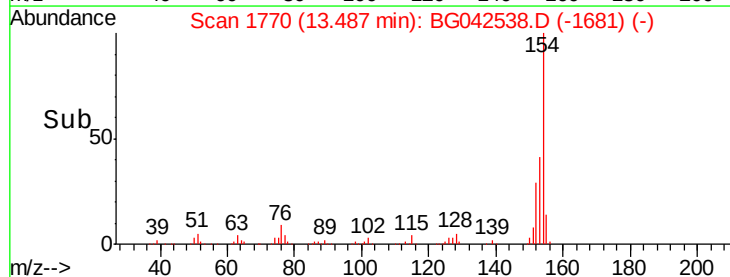
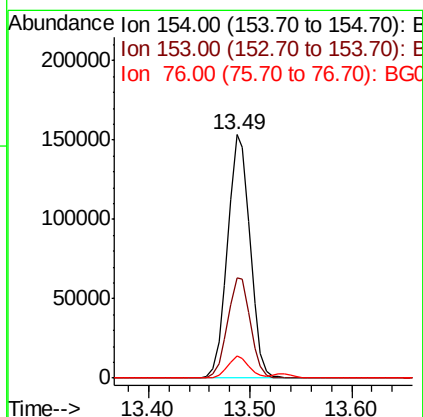
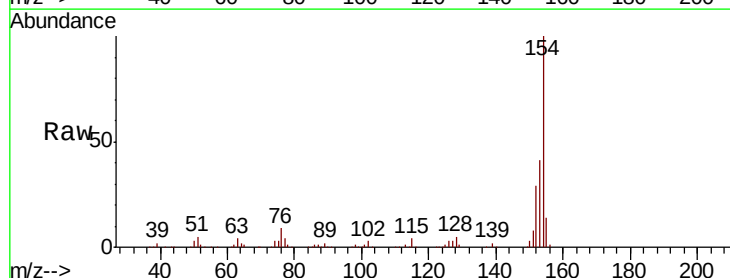
Instrument :
BNA_G
ClientSampleId :

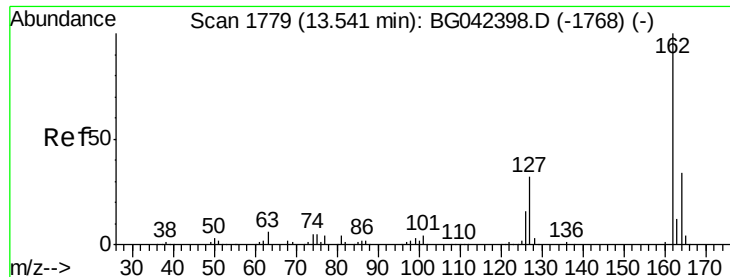
Tot Ion:172 Resp: 370042
Ion Ratio Lower Upper
172 100
171 36.8 30.5 45.7
170 24.1 20.2 30.2



#46
1,1'-Biphenyl
Concen: 39.664 ng
RT: 13.49 min Scan# 1770
Delta R.T. -0.01 min
Lab File: BG042538.D
Acq: 28 Aug 2019 18:40

Tgt Ion:154 Resp: 236476
Ion Ratio Lower Upper
154 100
153 41.3 23.0 63.0
76 9.0 0.0 29.6

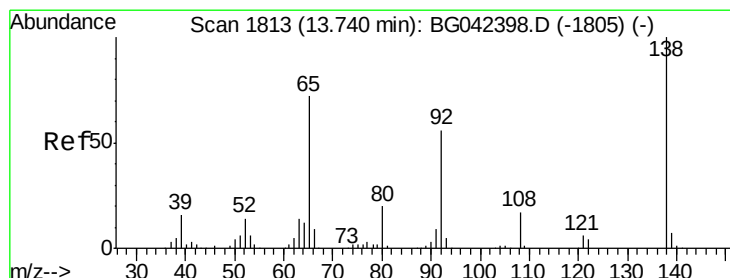
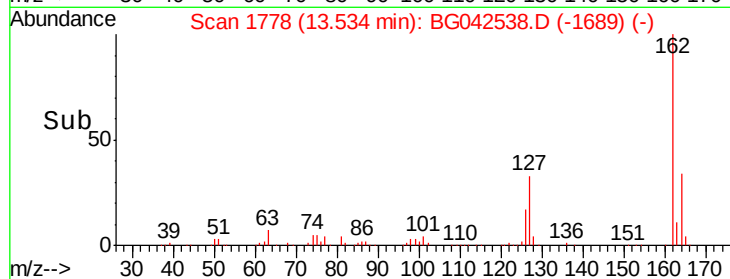
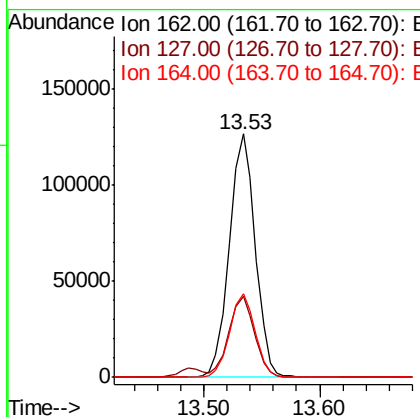
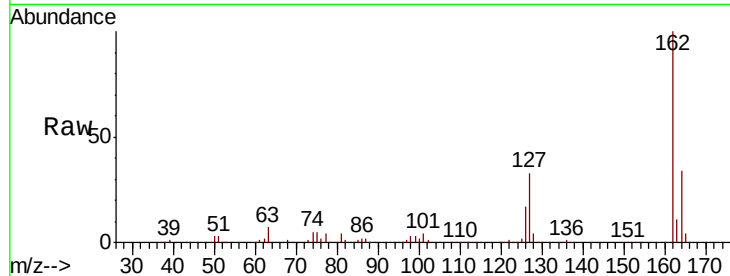




#47
 2-Chloronaphthalene
 Concen: 38.209 ng
 RT: 13.53 min Scan# 1778
 Delta R.T. -0.01 min
 Lab File: BG042538.D
 Acq: 28 Aug 2019 18:40

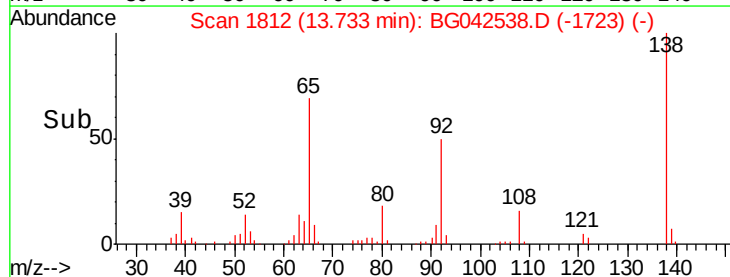
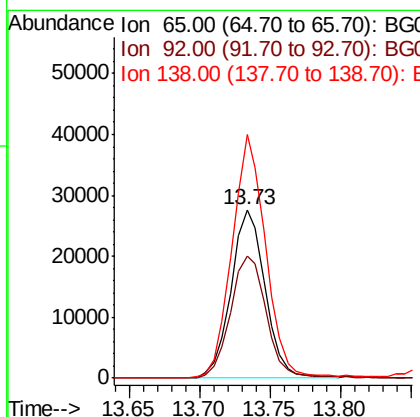
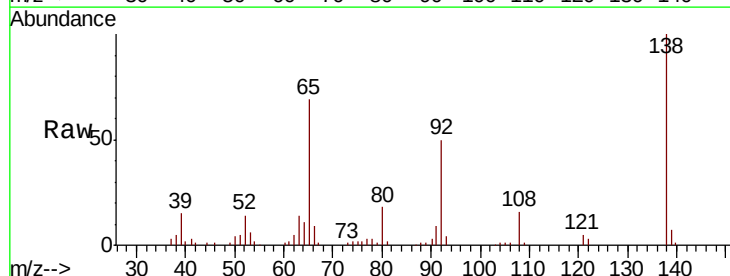
Instrument :
 BNA_G
 ClientSampleId :

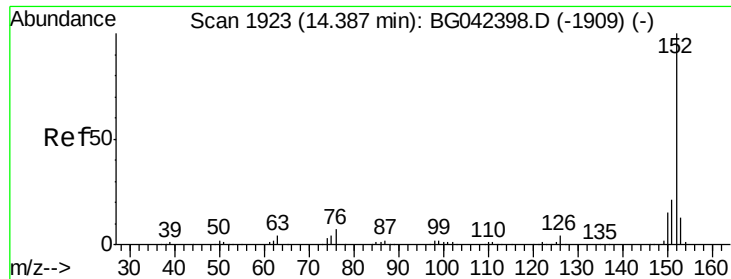
Tot Ion:162 Resp: 196422
 Ion Ratio Lower Upper
 162 100
 127 33.4 26.0 39.0
 164 34.2 27.4 41.0



#48
 2-Nitroaniline
 Concen: 37.578 ng
 RT: 13.73 min Scan# 1812
 Delta R.T. -0.01 min
 Lab File: BG042538.D
 Acq: 28 Aug 2019 18:40

Tgt Ion: 65 Resp: 46584
 Ion Ratio Lower Upper
 65 100
 92 72.8 61.8 92.6
 138 144.5 111.0 166.6





#49

Acenaphthylene

Concen: 40.584 ng

RT: 14.38 min Scan# 1922

Delta R.T. -0.01 min

Lab File: BG042538.D

Acq: 28 Aug 2019 18:40

Instrument :

BNA_G

ClientSampleId :

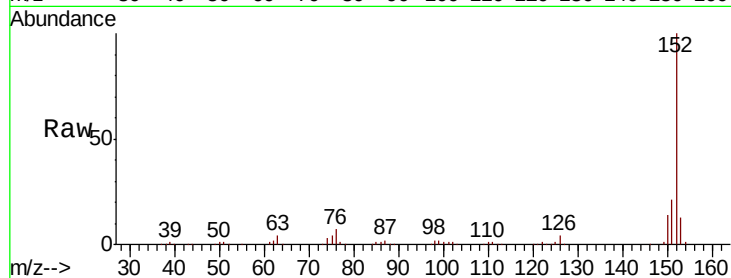
Tot Ion:152 Resp: 313877

Ion Ratio Lower Upper

152 100

151 20.8 17.0 25.4

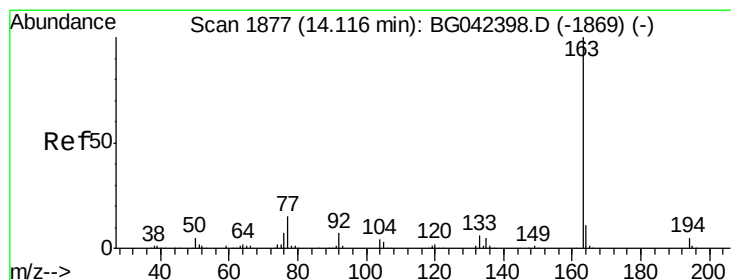
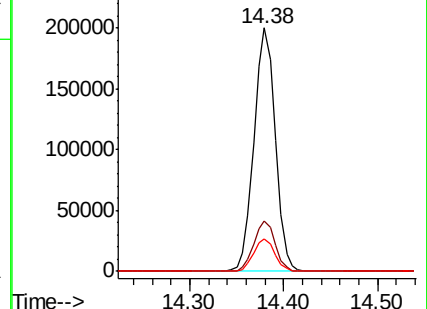
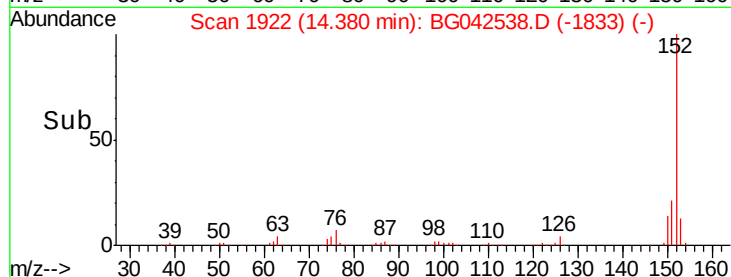
153 13.4 10.6 16.0



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: 44.126 ng

RT: 14.11 min Scan# 1876

Delta R.T. -0.01 min

Lab File: BG042538.D

Acq: 28 Aug 2019 18:40

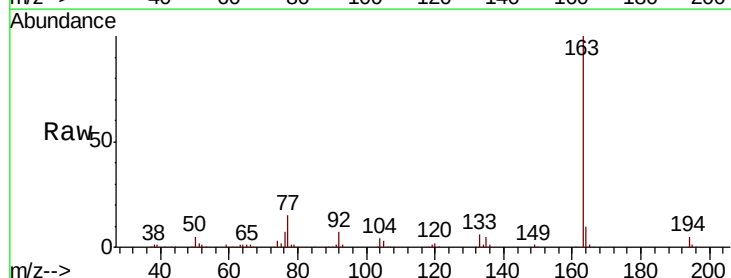
Tgt Ion:163 Resp: 293655

Ion Ratio Lower Upper

163 100

194 5.2 4.2 6.2

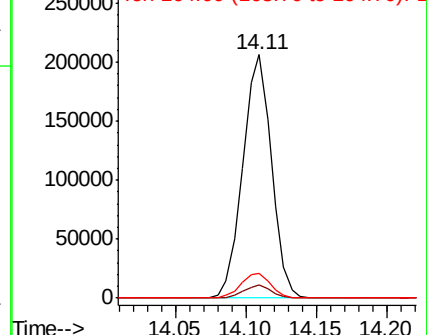
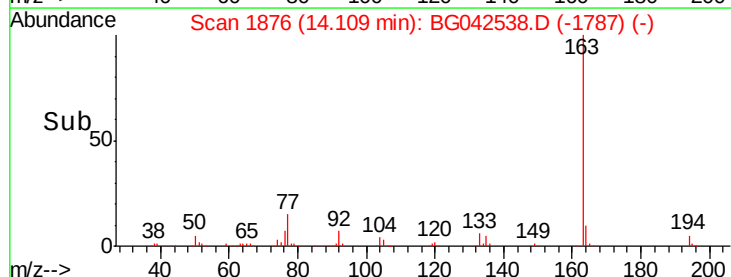
164 10.4 8.8 13.2

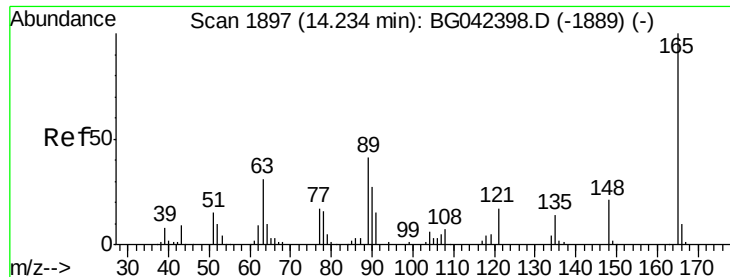


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

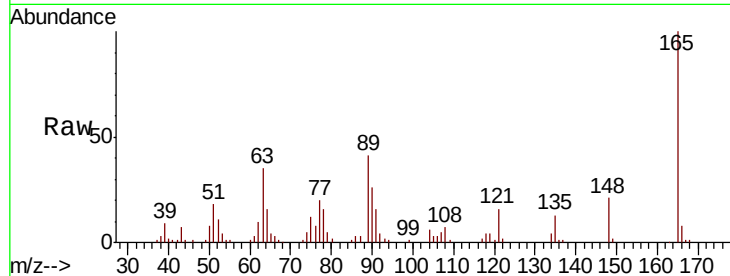




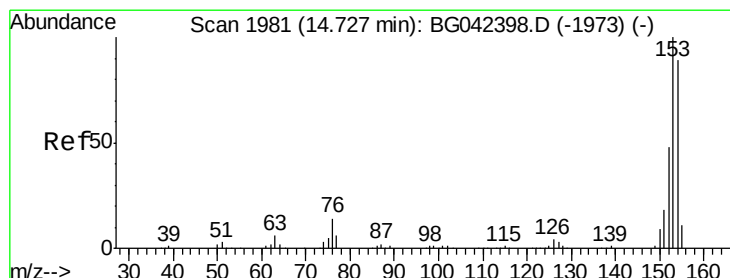
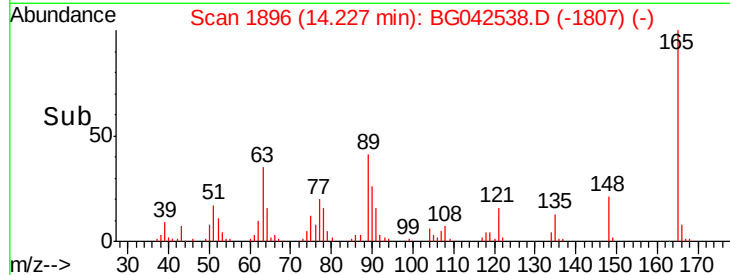
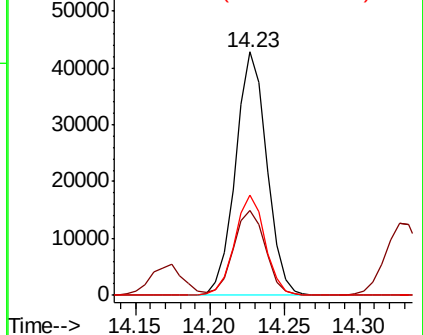
#51
 2,6-Dinitrotoluene
 Concen: 40.507 ng
 RT: 14.23 min Scan# 1896
 Delta R.T. -0.01 min
 Lab File: BG042538.D
 Acq: 28 Aug 2019 18:40

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:165 Resp: 62484
 Ion Ratio Lower Upper
 165 100
 63 34.9 30.6 45.8
 89 41.1 32.6 49.0

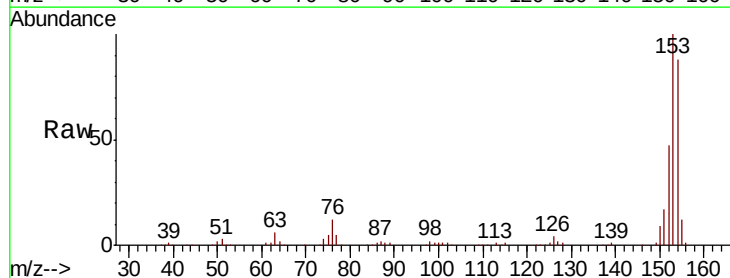


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG

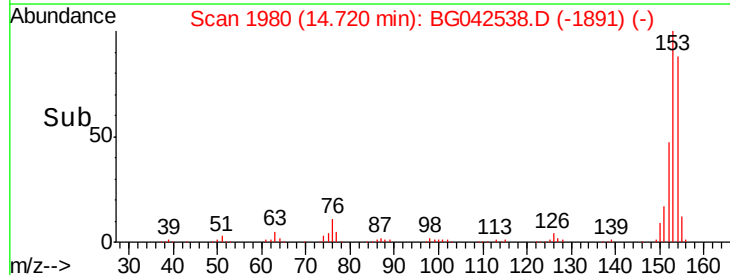
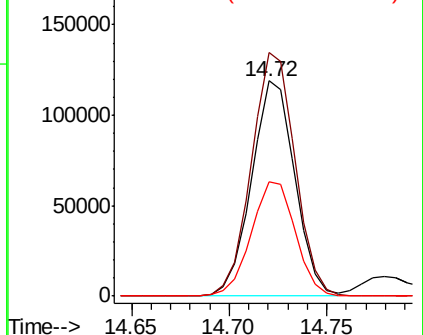


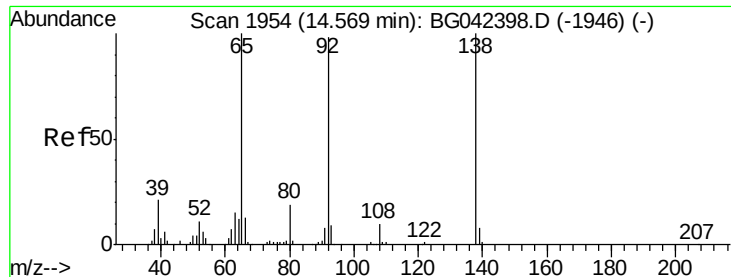
#52
 Acenaphthene
 Concen: 38.925 ng
 RT: 14.72 min Scan# 1980
 Delta R.T. -0.01 min
 Lab File: BG042538.D
 Acq: 28 Aug 2019 18:40

Tgt Ion:154 Resp: 182805
 Ion Ratio Lower Upper
 154 100
 153 113.1 90.2 135.4
 152 52.9 43.2 64.8



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 32.595 ng

RT: 14.56 min Scan# 1953

Delta R.T. -0.01 min

Lab File: BG042538.D

Acq: 28 Aug 2019 18:40

Instrument :

BNA_G

ClientSampleId :

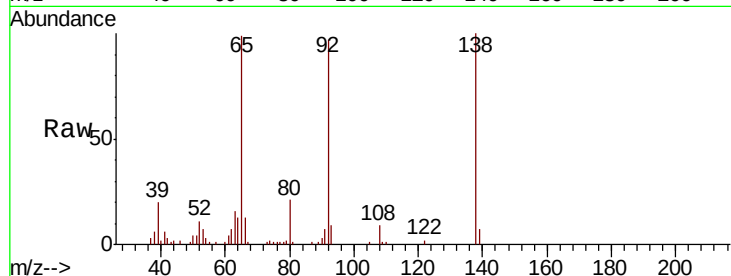
Tot Ion:138 Resp: 50285

Ion Ratio Lower Upper

138 100

108 8.7 8.3 12.5

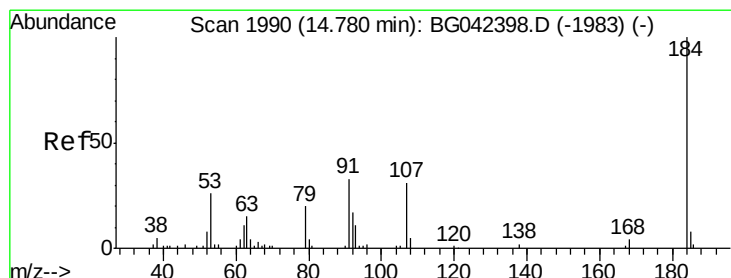
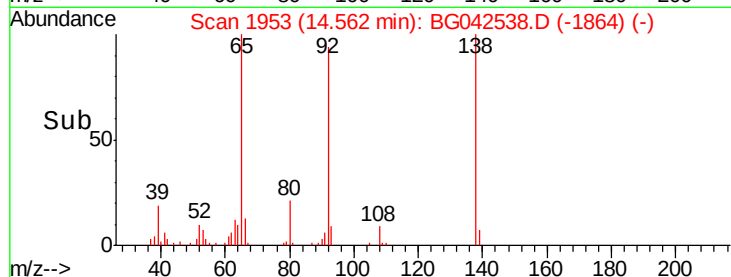
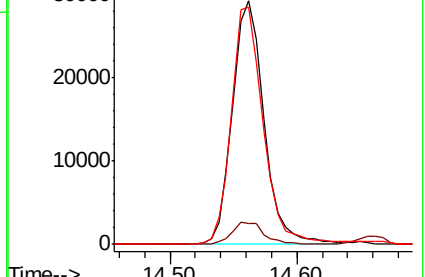
92 97.4 78.2 117.4



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: 53.506 ng

RT: 14.78 min Scan# 1990

Delta R.T. -0.00 min

Lab File: BG042538.D

Acq: 28 Aug 2019 18:40

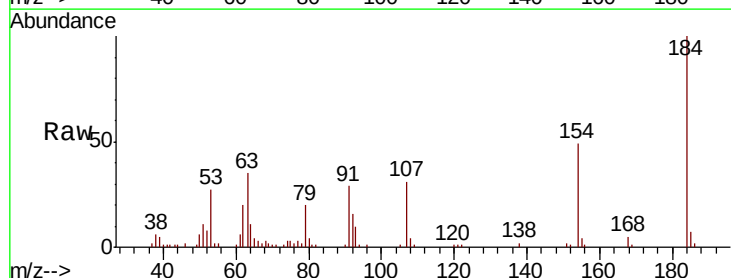
Tgt Ion:184 Resp: 53297

Ion Ratio Lower Upper

184 100

63 35.4 31.7 47.5

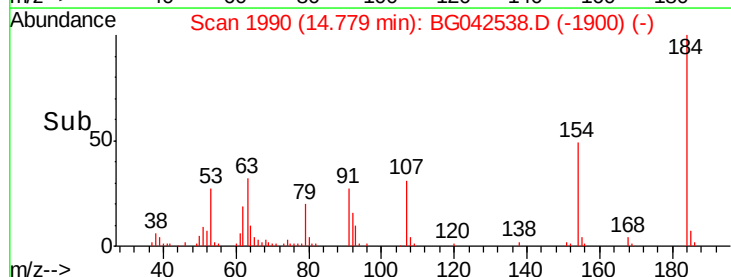
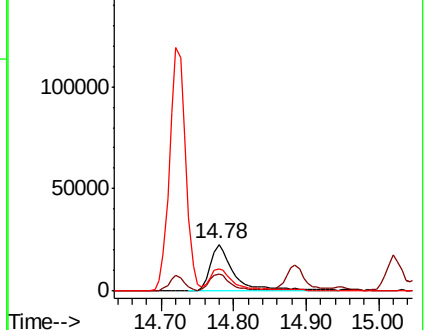
154 48.7 42.0 63.0

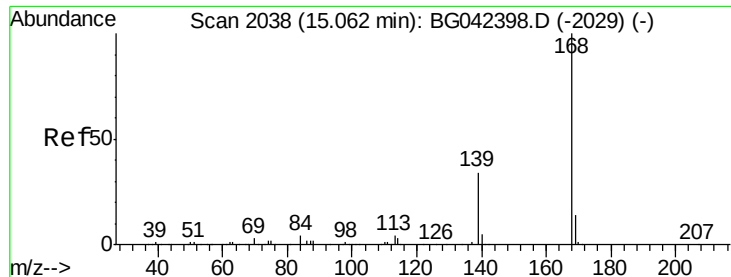


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

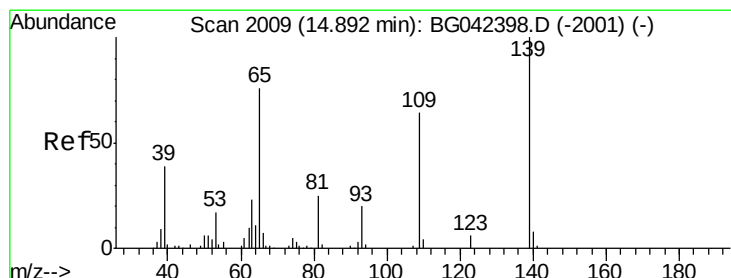
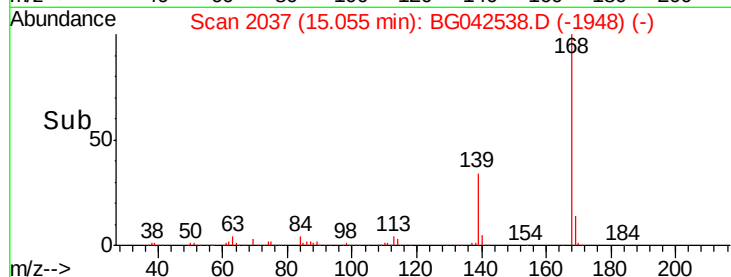
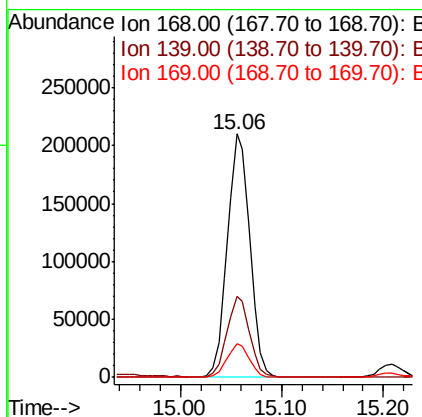
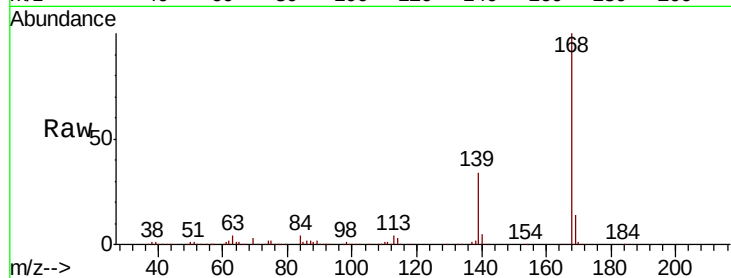




#55
Dibenzenofuran
Concen: 41.498 ng
RT: 15.06 min Scan# 2037
Delta R.T. -0.01 min
Lab File: BG042538.D
Acq: 28 Aug 2019 18:40

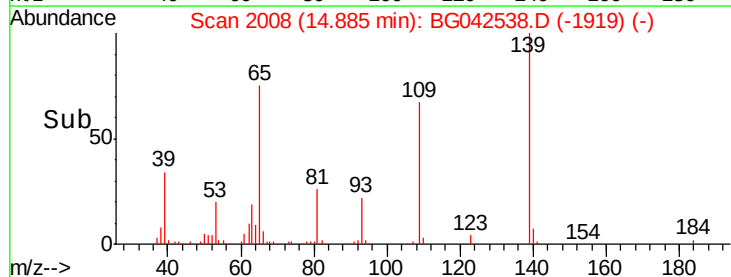
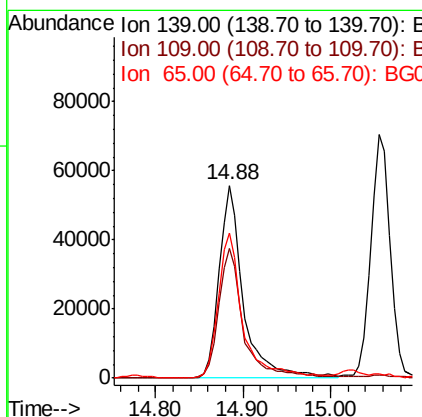
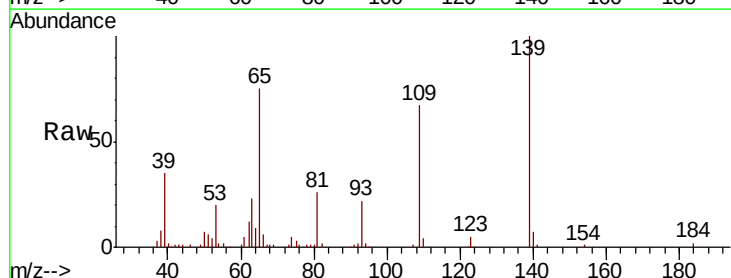
Instrument :
BNA_G
ClientSampled :

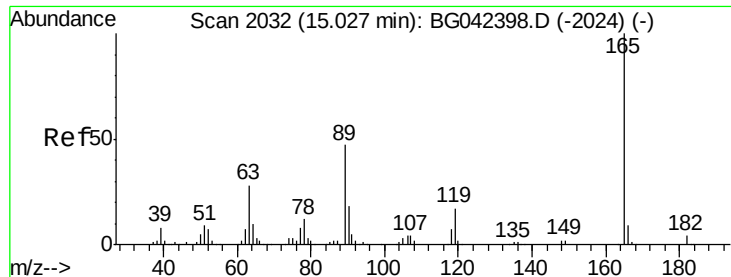
Tot Ion	Ratio	Lower	Upper
168	100		
139	33.5	27.2	40.8
169	13.7	11.5	17.3



#56
4-Nitrophenol
Concen: 97.388 ng
RT: 14.88 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BG042538.D
Acq: 28 Aug 2019 18:40

Tgt Ion	Ratio	Lower	Upper
139	100		
109	67.3	43.9	83.9
65	75.2	56.3	96.3

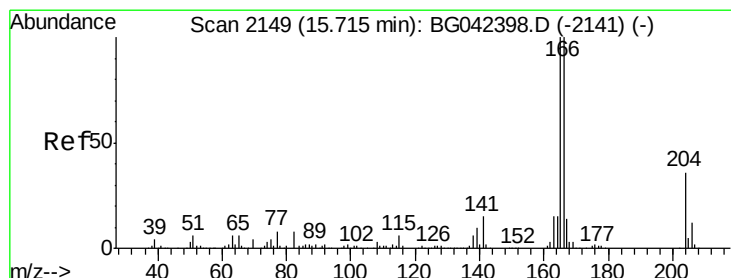
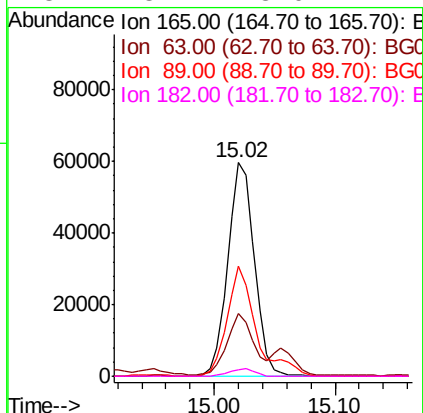
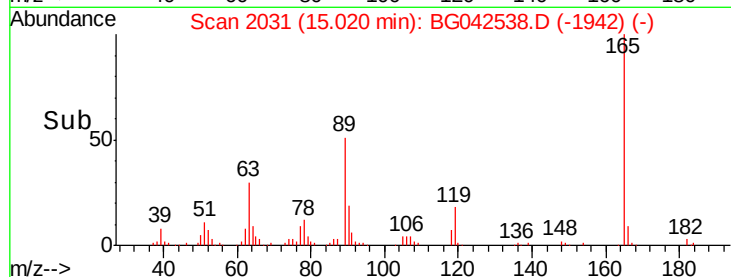
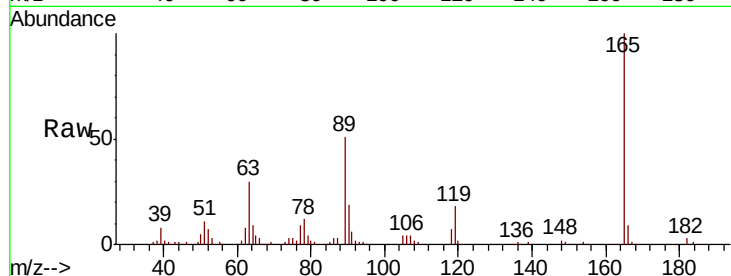




#57
 2,4-Dinitrotoluene
 Concen: 41.284 ng
 RT: 15.02 min Scan# 2031
 Delta R.T. -0.01 min
 Lab File: BG042538.D
 Acq: 28 Aug 2019 18:40

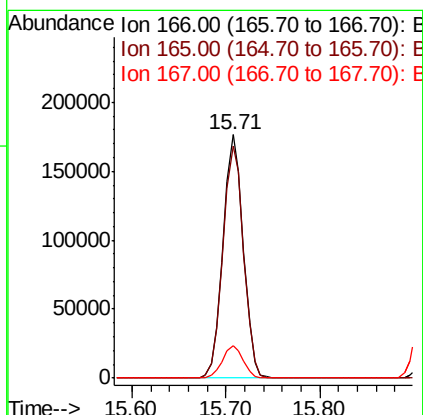
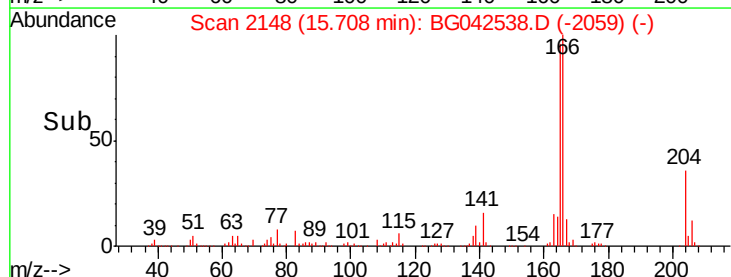
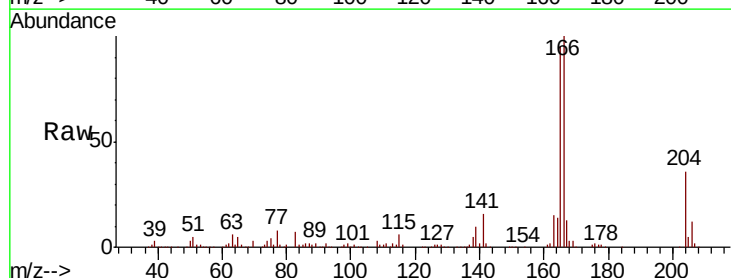
Instrument :
 BNA_G
 ClientSampled :

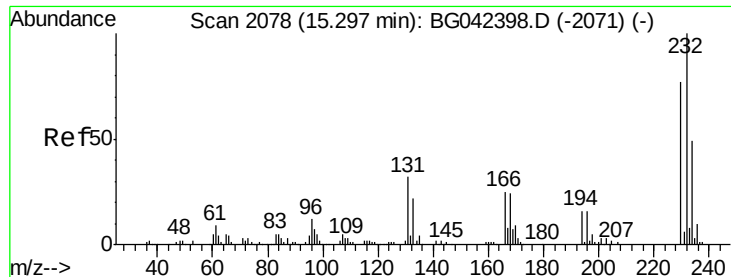
Tot Ion:165	Resp: 91192
Ion Ratio	Lower Upper
165 100	
63 29.5	22.5 33.7
89 51.3	37.8 56.6
182 3.2	3.0 4.4



#58
 Fluorene
 Concen: 41.715 ng
 RT: 15.71 min Scan# 2148
 Delta R.T. -0.01 min
 Lab File: BG042538.D
 Acq: 28 Aug 2019 18:40

Tgt	Ion:166	Resp:	265084
Ion	Ratio	Lower	Upper
166	100		
165	95.2	79.7	119.5
167	13.4	10.9	16.3

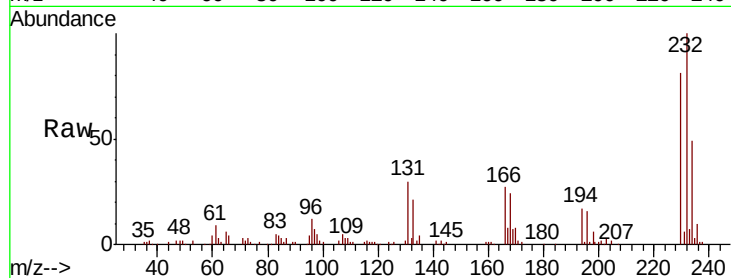




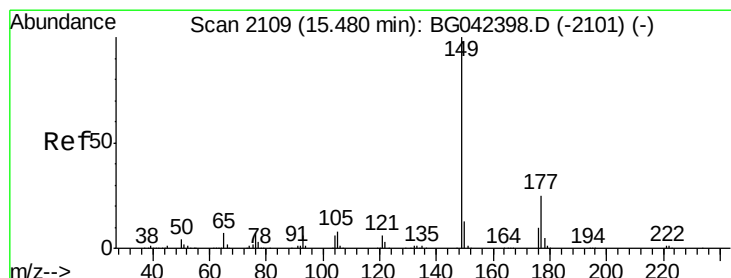
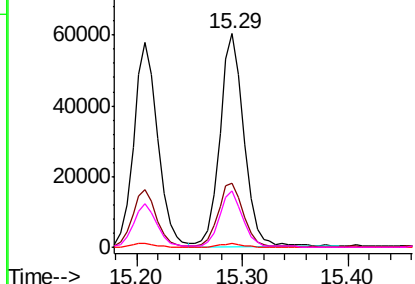
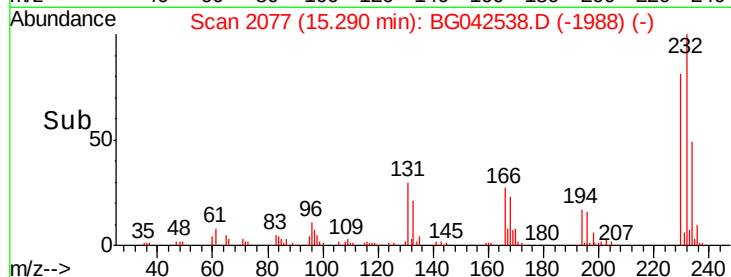
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 46.456 ng
 RT: 15.29 min Scan# 2077
 Delta R.T. -0.01 min
 Lab File: BG042538.D
 Acq: 28 Aug 2019 18:40

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:	232	Resp:	95314
Ion	Ratio	Lower	Upper
232	100		
131	32.0	22.9	34.3
130	1.7	1.4	2.0
166	25.1	17.0	25.4

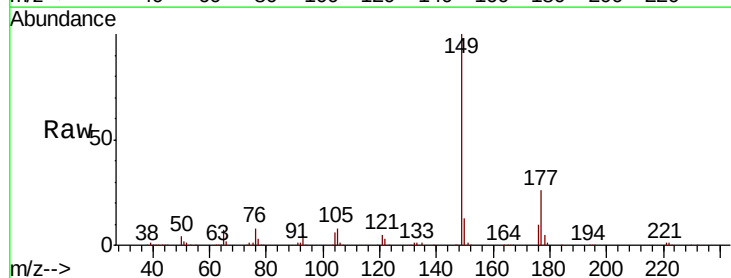


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

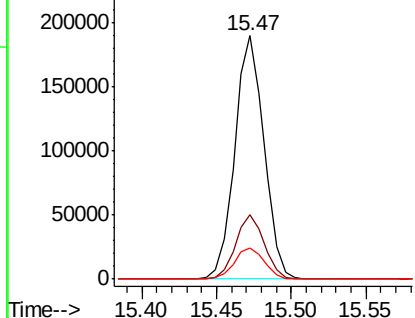
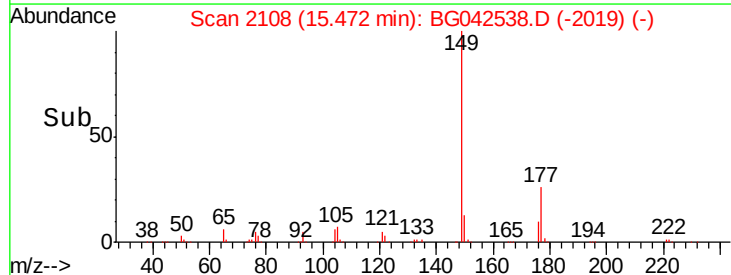


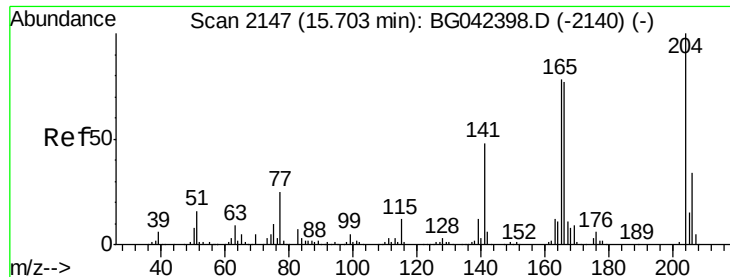
#60
 Diethylphthalate
 Concen: 39.650 ng
 RT: 15.47 min Scan# 2108
 Delta R.T. -0.01 min
 Lab File: BG042538.D
 Acq: 28 Aug 2019 18:40

Tgt Ion:	149	Resp:	257943
Ion	Ratio	Lower	Upper
149	100		
177	26.2	20.4	30.6
150	12.9	10.3	15.5



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E

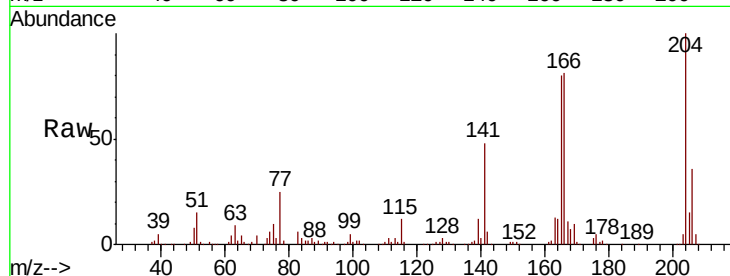




#61
 4-Chlorophenyl-phenylether
 Concen: 39.252 ng
 RT: 15.70 min Scan# 2146
 Delta R.T. -0.01 min
 Lab File: BG042538.D
 Acq: 28 Aug 2019 18:40

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
204	100		
206	36.5	27.2	40.8
141	47.7	38.7	58.1

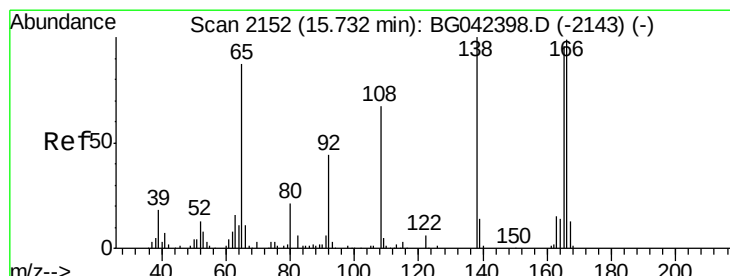
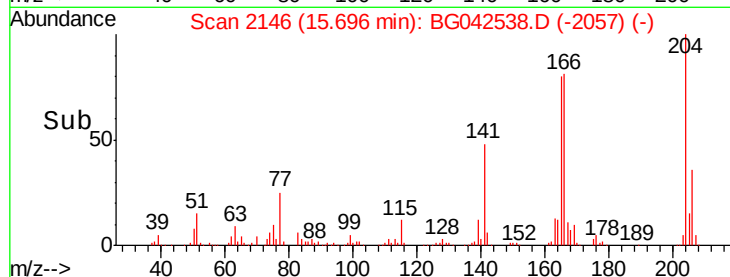
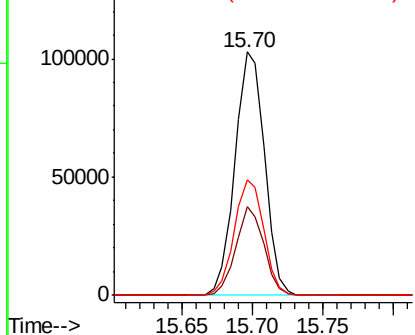


Abundance

Ion 204.00 (203.70 to 204.70): E

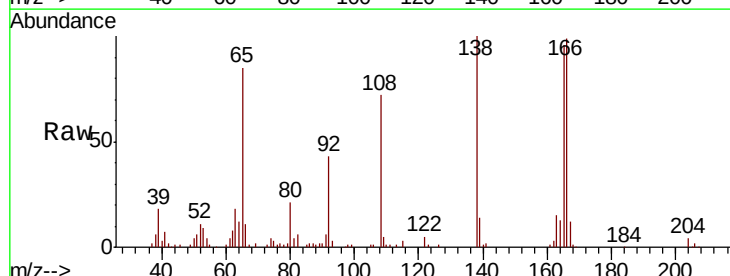
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
 4-Nitroaniline
 Concen: 43.986 ng
 RT: 15.73 min Scan# 2151
 Delta R.T. -0.01 min
 Lab File: BG042538.D
 Acq: 28 Aug 2019 18:40

Tgt Ion	Ratio	Lower	Upper
138	100		
92	43.3	24.2	64.2
108	71.7	46.8	86.8

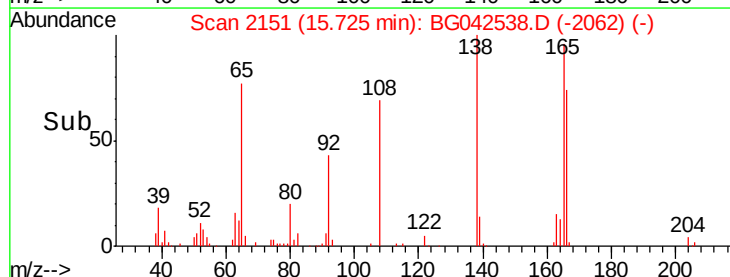
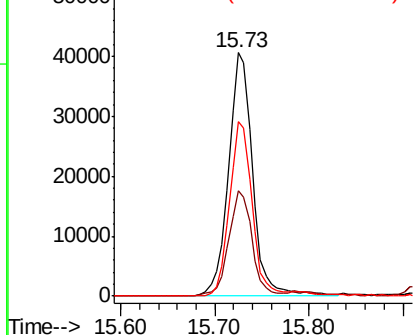


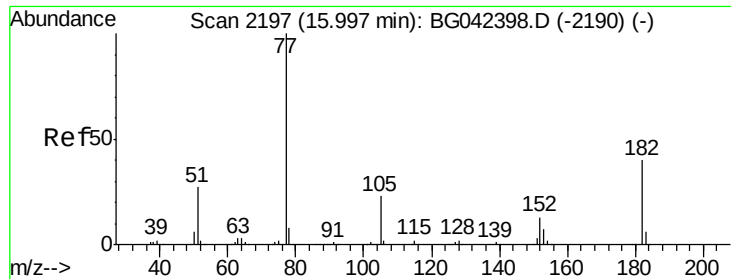
Abundance

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: 39.667 ng

RT: 15.99 min Scan# 2196

Delta R.T. -0.01 min

Lab File: BG042538.D

Acq: 28 Aug 2019 18:40

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 176826

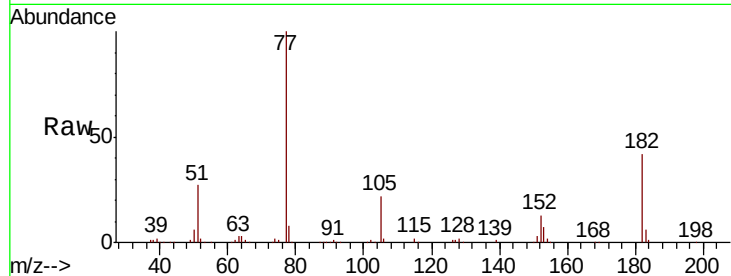
Ion Ratio Lower Upper

77 100

182 41.8 19.9 59.9

105 22.5 2.9 42.9

51 26.6 7.6 47.6

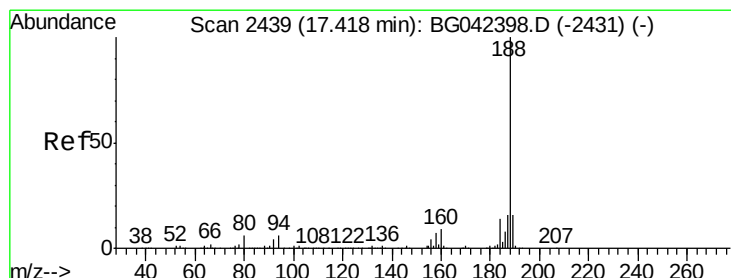
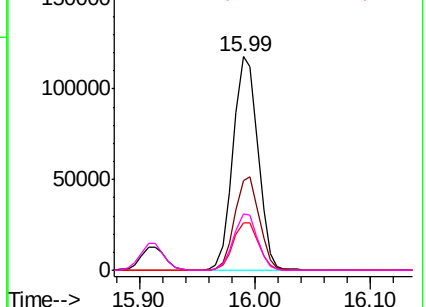
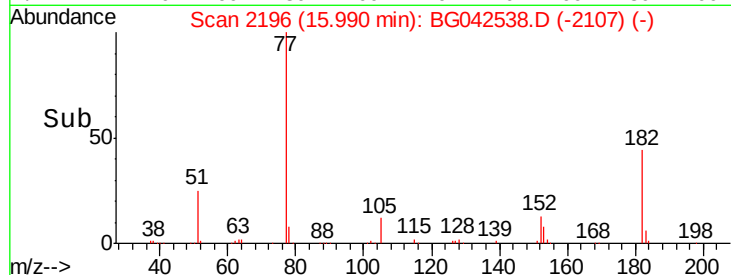


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 17.41 min Scan# 2438

Delta R.T. -0.01 min

Lab File: BG042538.D

Acq: 28 Aug 2019 18:40

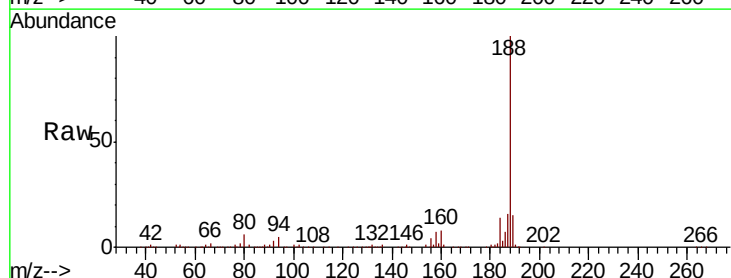
Tgt Ion: 188 Resp: 242402

Ion Ratio Lower Upper

188 100

94 5.0 4.5 6.7

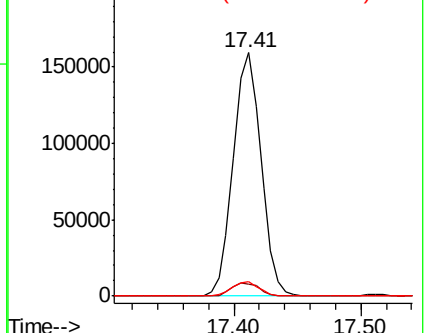
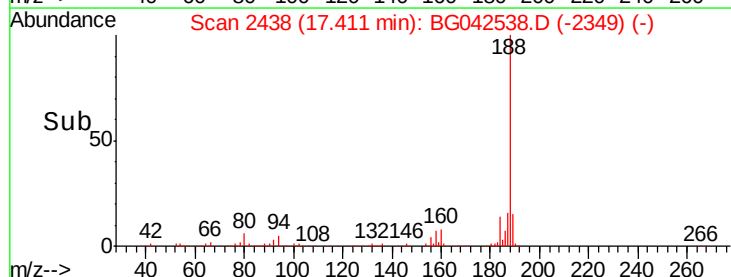
80 5.7 4.9 7.3

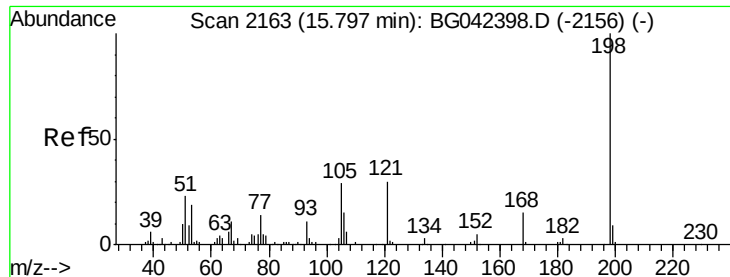


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

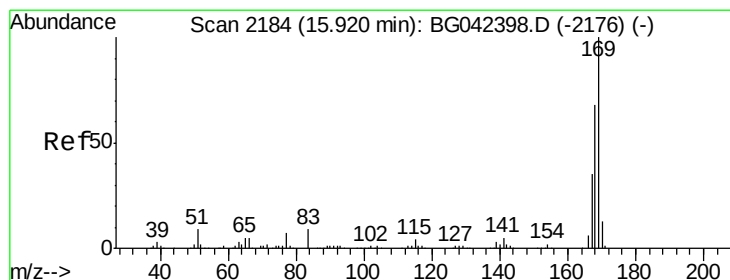
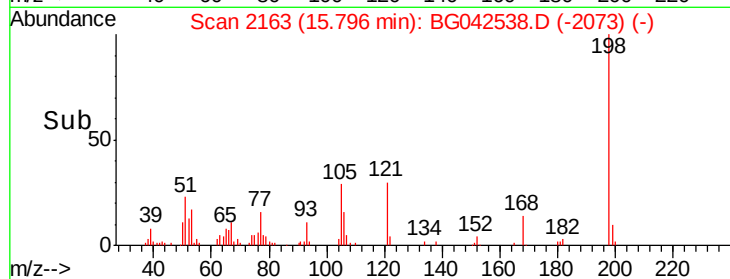
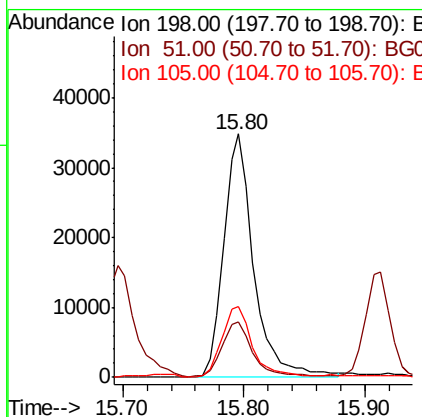
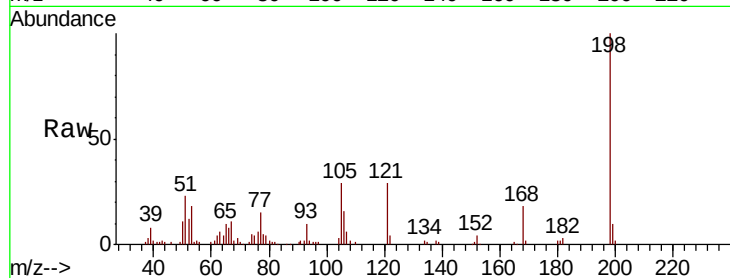




#65
 4,6-Dinitro-2-methylphenol
 Concen: 39.339 ng
 RT: 15.80 min Scan# 2163
 Delta R.T. -0.00 min
 Lab File: BG042538.D
 Acq: 28 Aug 2019 18:40

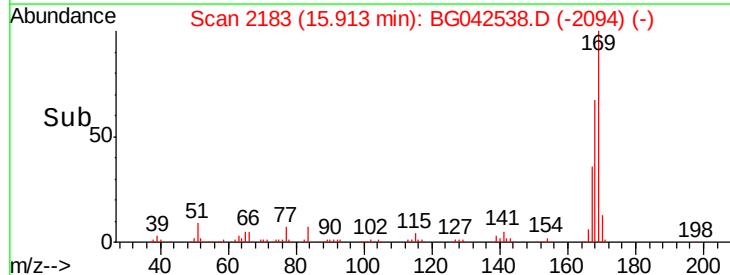
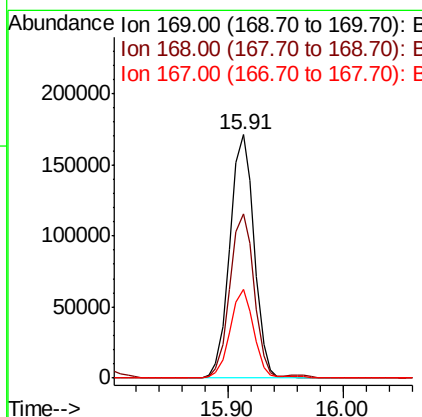
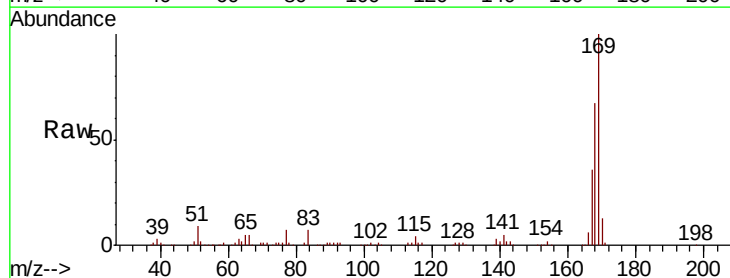
Instrument :
 BNA_G
 ClientSampleId :

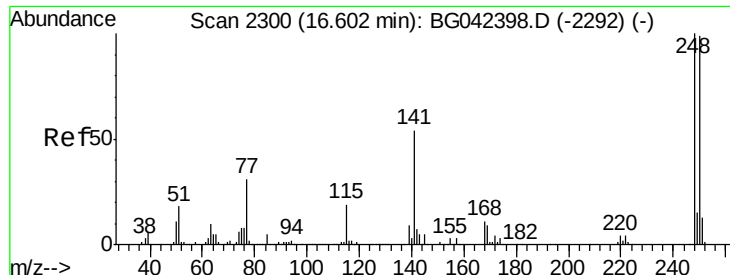
Tot Ion	Ratio	Lower	Upper
198	100		
51	22.9	4.2	44.2
105	29.1	8.8	48.8



#66
 n-Nitrosodiphenylamine
 Concen: 37.346 ng
 RT: 15.91 min Scan# 2183
 Delta R.T. -0.01 min
 Lab File: BG042538.D
 Acq: 28 Aug 2019 18:40

Tgt Ion	Ratio	Lower	Upper
169	100		
168	67.2	54.3	81.5
167	36.4	28.2	42.2

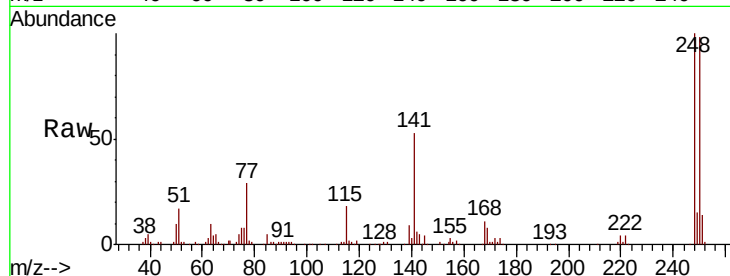




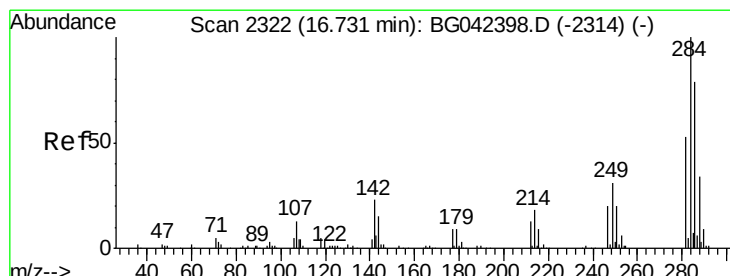
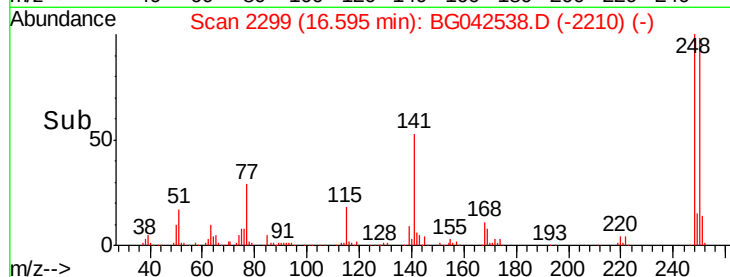
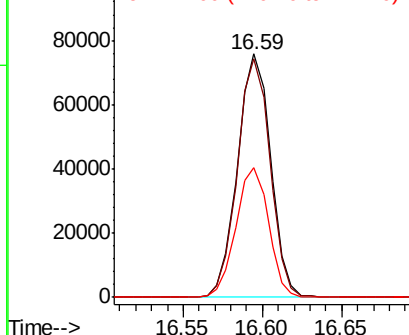
#67
 4-Bromophenyl-phenylether
 Concen: 35.809 ng
 RT: 16.59 min Scan# 2299
 Delta R.T. -0.01 min
 Lab File: BG042538.D
 Acq: 28 Aug 2019 18:40

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:248 Resp: 110101
 Ion Ratio Lower Upper
 248 100
 250 97.9 78.9 118.3
 141 53.3 43.3 64.9

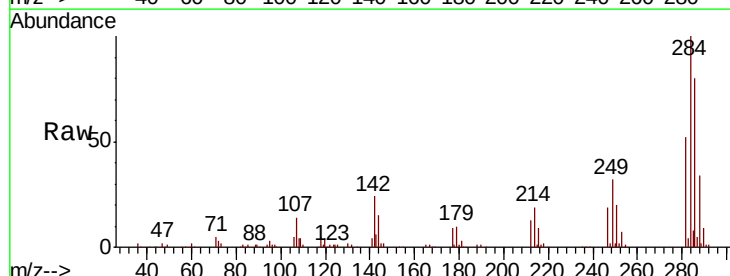


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

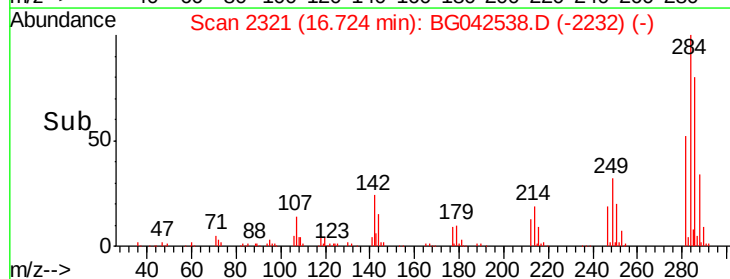
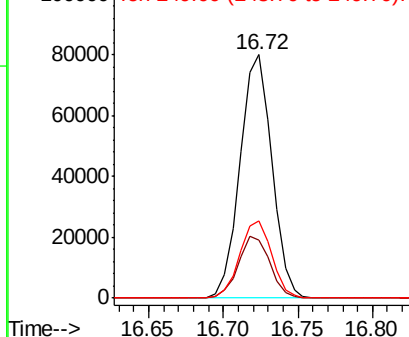


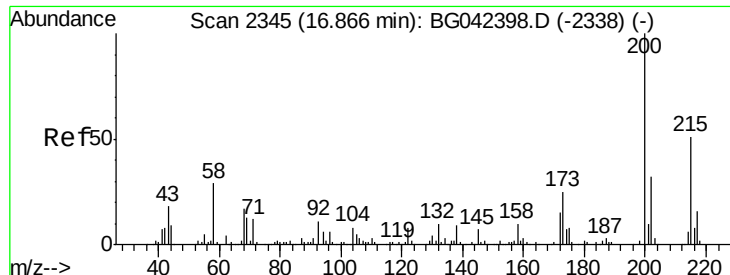
#68
 Hexachlorobenzene
 Concen: 35.408 ng
 RT: 16.72 min Scan# 2321
 Delta R.T. -0.01 min
 Lab File: BG042538.D
 Acq: 28 Aug 2019 18:40

Tgt Ion:284 Resp: 118351
 Ion Ratio Lower Upper
 284 100
 142 23.8 18.2 27.4
 249 31.5 25.0 37.4



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: 43.438 ng

RT: 16.86 min Scan# 2345

Delta R.T. -0.00 min

Lab File: BG042538.D

Acq: 28 Aug 2019 18:40

Instrument :

BNA_G

ClientSampled :

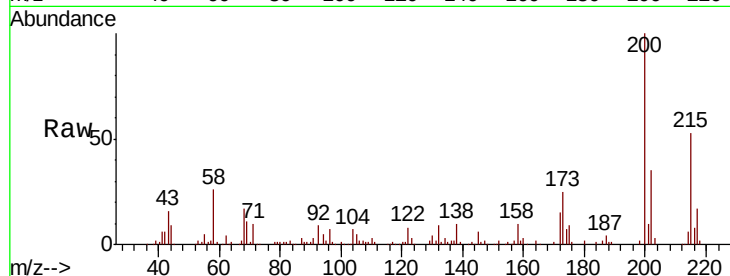
Tot Ion:200 Resp: 102399

Ion Ratio Lower Upper

200 100

173 25.1 4.9 44.9

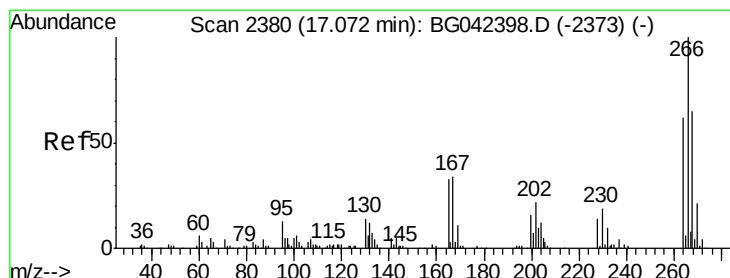
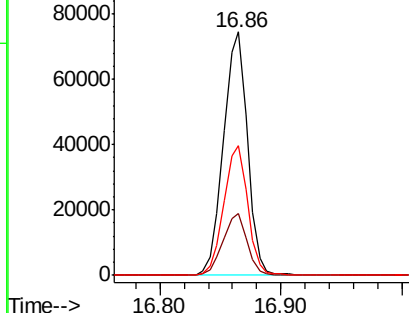
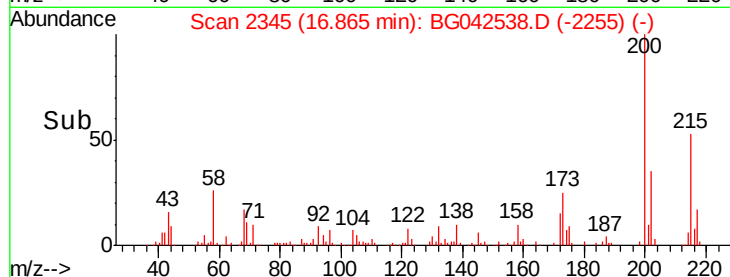
215 53.5 30.7 70.7



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: 76.224 ng

RT: 17.07 min Scan# 2380

Delta R.T. -0.00 min

Lab File: BG042538.D

Acq: 28 Aug 2019 18:40

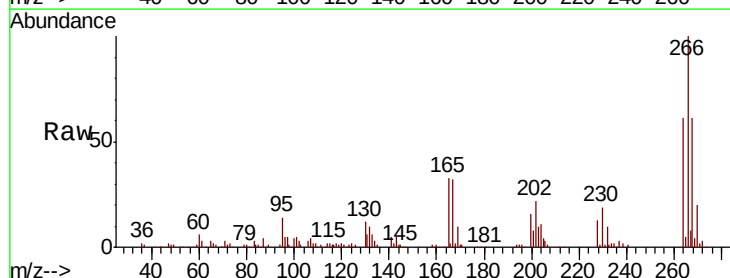
Tgt Ion:266 Resp: 132376

Ion Ratio Lower Upper

266 100

268 60.9 52.1 78.1

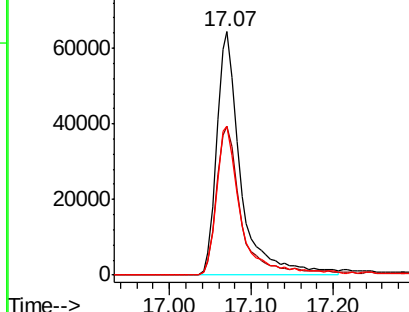
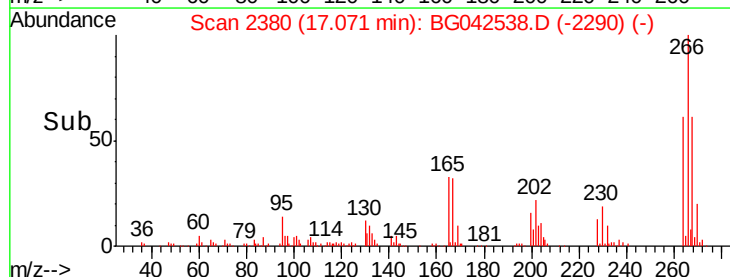
264 61.2 49.4 74.2

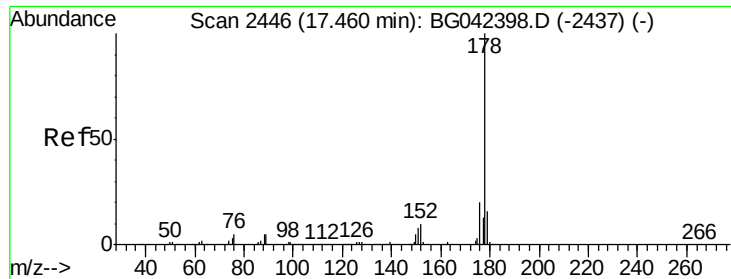


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 40.424 ng

RT: 17.45 min Scan# 2445

Delta R.T. -0.01 min

Lab File: BG042538.D

Acq: 28 Aug 2019 18:40

Instrument :

BNA_G

ClientSampleId :

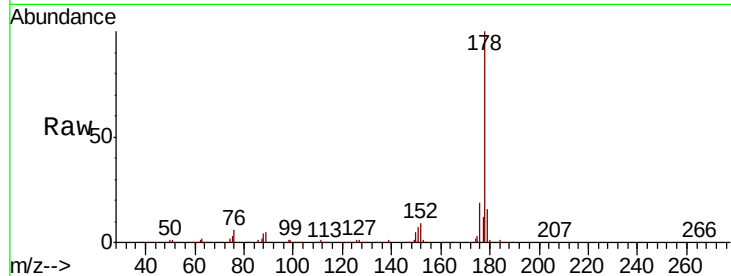
Tot Ion:178 Resp: 486723

Ion Ratio Lower Upper

178 100

176 19.3 15.9 23.9

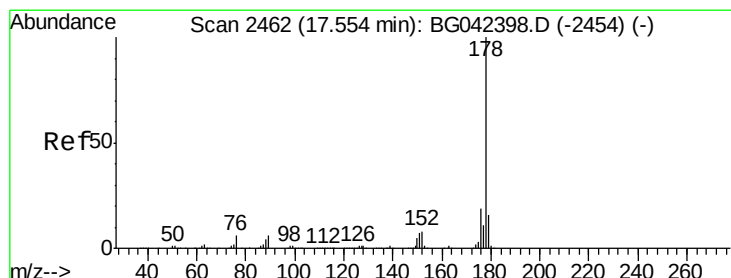
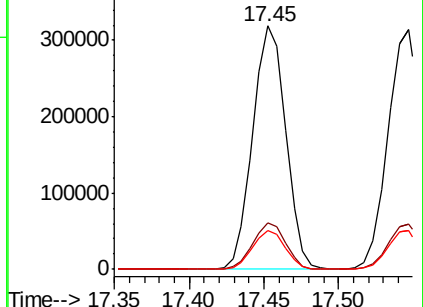
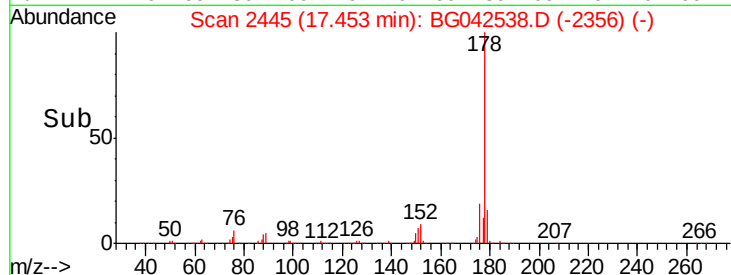
179 16.2 12.7 19.1



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 41.582 ng

RT: 17.55 min Scan# 2461

Delta R.T. -0.01 min

Lab File: BG042538.D

Acq: 28 Aug 2019 18:40

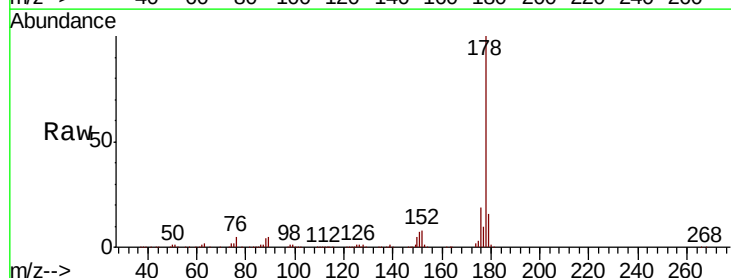
Tgt Ion:178 Resp: 499819

Ion Ratio Lower Upper

178 100

176 18.7 15.5 23.3

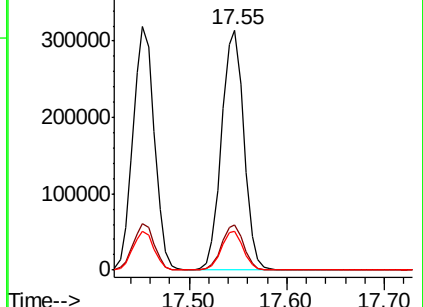
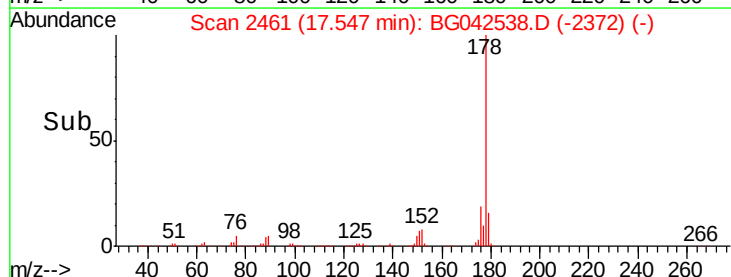
179 16.0 12.9 19.3

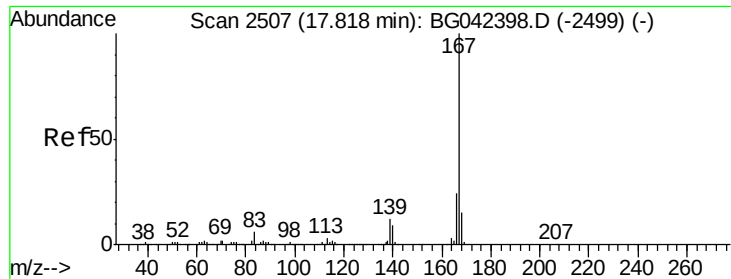


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

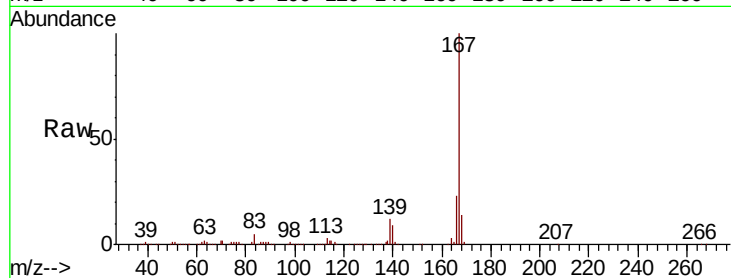




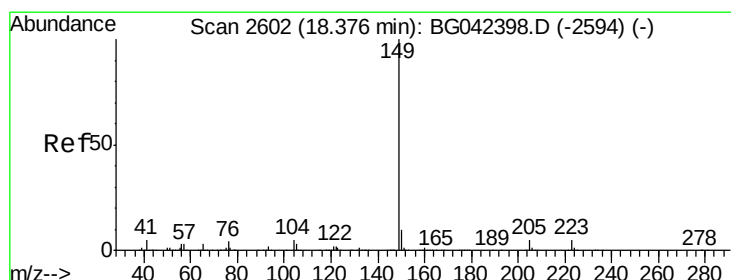
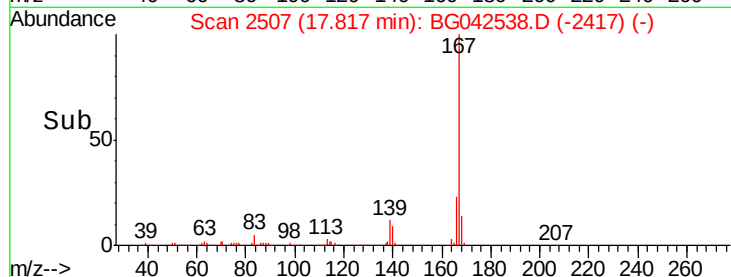
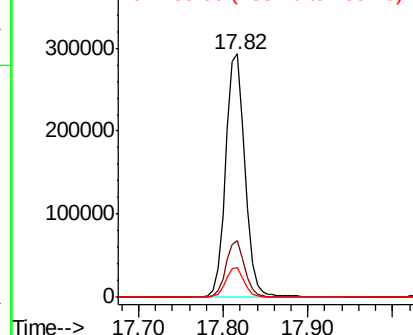
#73
 Carbazole
 Concen: 43.487 ng
 RT: 17.82 min Scan# 2507
 Delta R.T. -0.00 min
 Lab File: BG042538.D
 Acq: 28 Aug 2019 18:40

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
167	100		
166	23.2	18.9	28.3
139	12.1	9.8	14.6

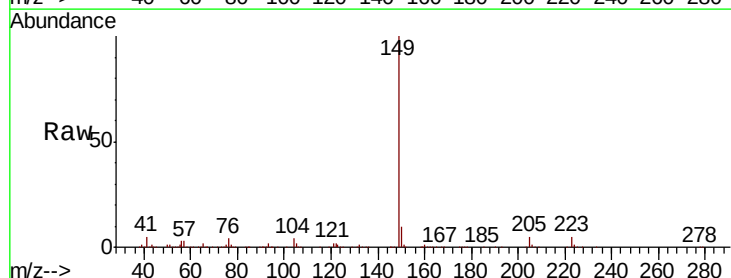


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

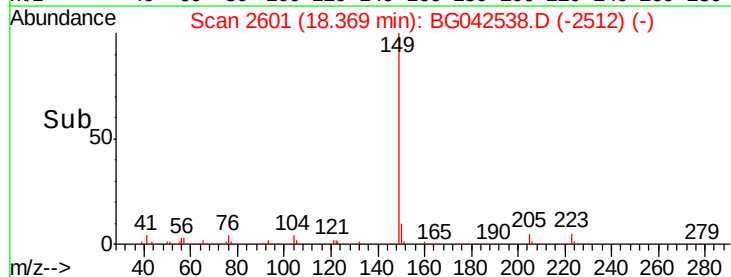
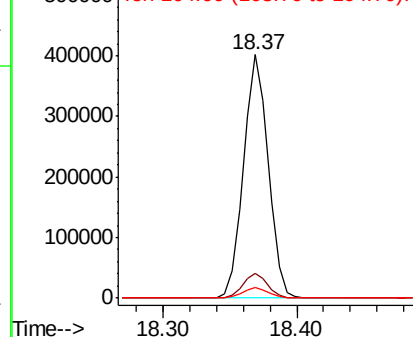


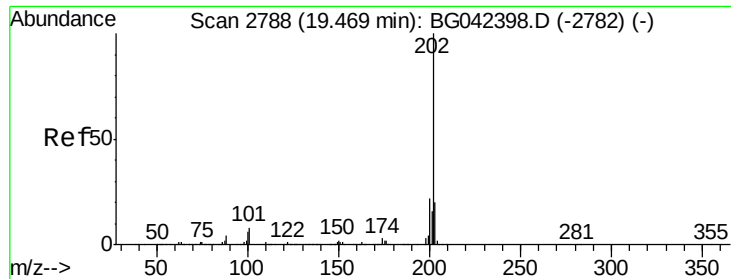
#74
 Di-n-butylphthalate
 Concen: 40.497 ng
 RT: 18.37 min Scan# 2601
 Delta R.T. -0.01 min
 Lab File: BG042538.D
 Acq: 28 Aug 2019 18:40

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.0	8.1	12.1
104	4.4	3.7	5.5



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: 46.046 ng

RT: 19.47 min Scan# 2788

Delta R.T. -0.00 min

Lab File: BG042538.D

Acq: 28 Aug 2019 18:40

Instrument :

BNA_G

ClientSampleId :

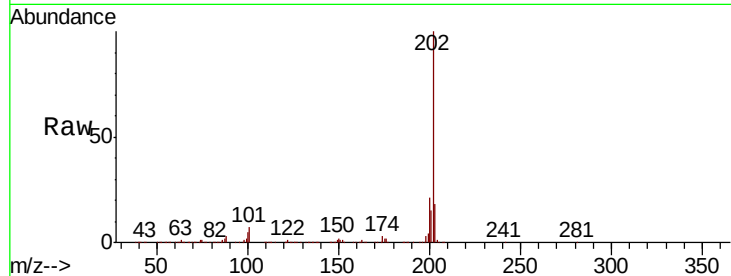
Tot Ion:202 Resp: 676622

Ion Ratio Lower Upper

202 100

101 6.7 0.0 28.3

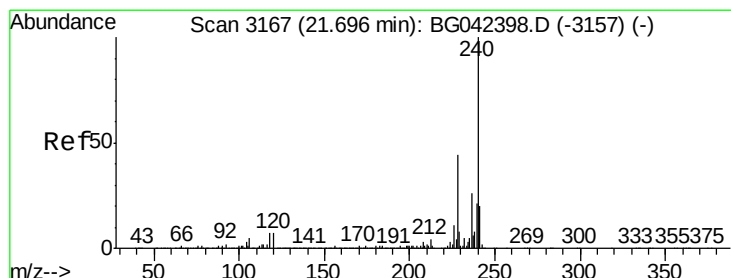
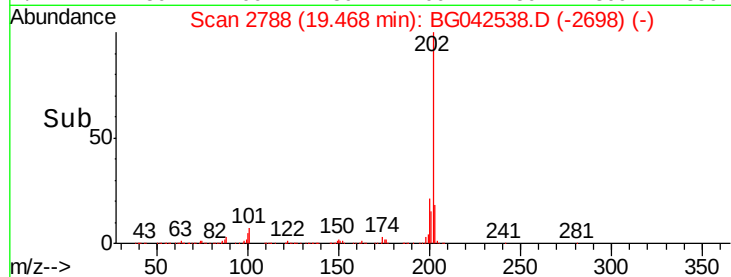
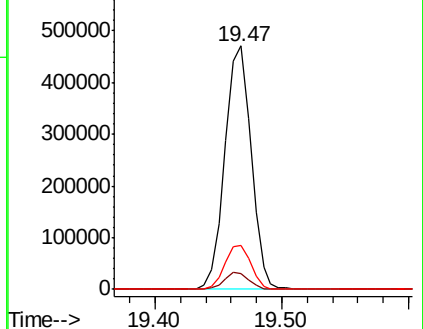
203 18.3 0.0 39.6



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: 21.69 min Scan# 3166

Delta R.T. -0.01 min

Lab File: BG042538.D

Acq: 28 Aug 2019 18:40

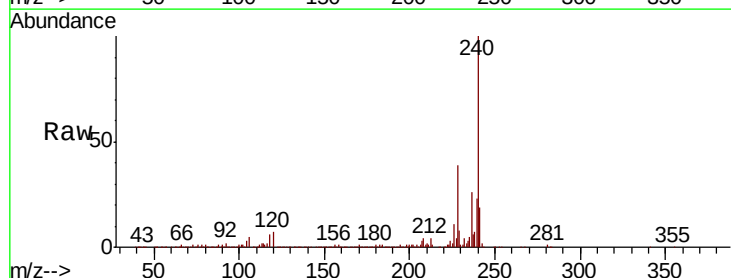
Tgt Ion:240 Resp: 281516

Ion Ratio Lower Upper

240 100

120 6.7 5.7 8.5

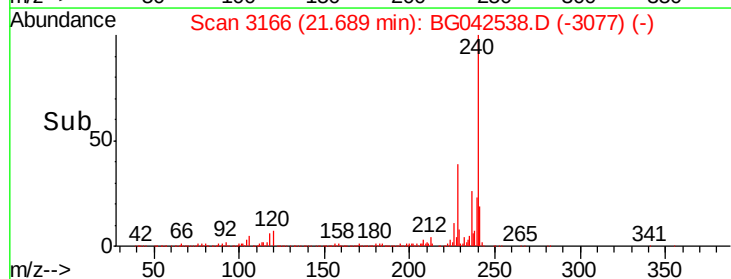
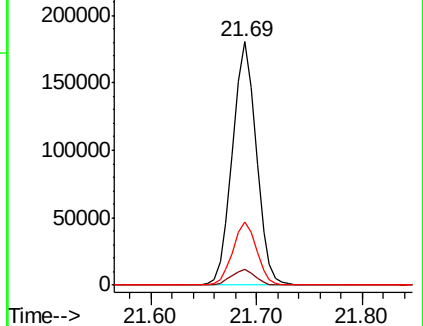
236 26.0 21.0 31.4

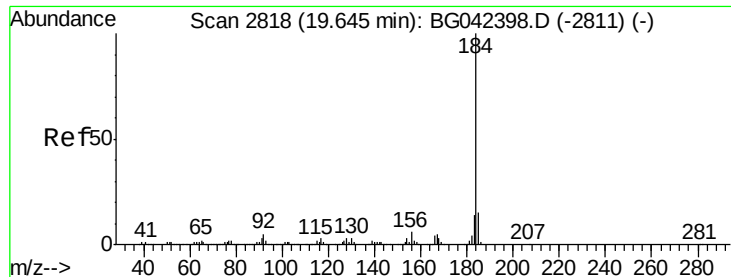


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 32.732 ng

RT: 19.64 min Scan# 2818

Delta R.T. -0.00 min

Lab File: BG042538.D

Acq: 28 Aug 2019 18:40

Instrument :

BNA_G

ClientSampleId :

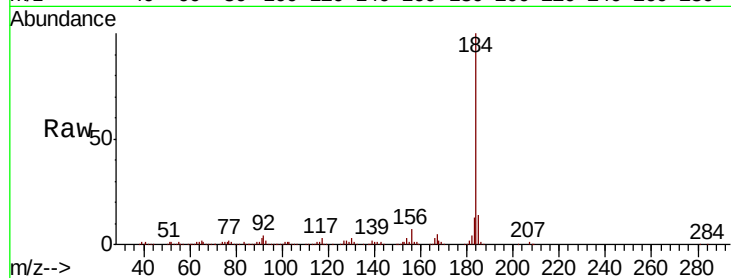
Tot Ion:184 Resp: 264187

Ion Ratio Lower Upper

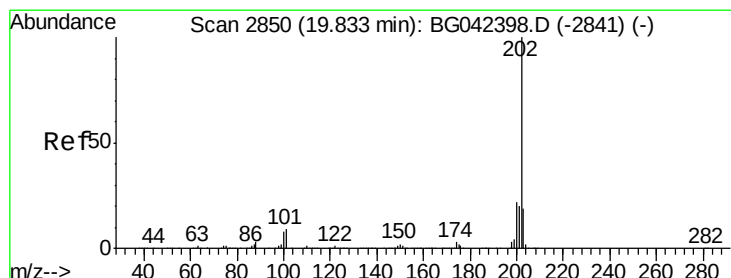
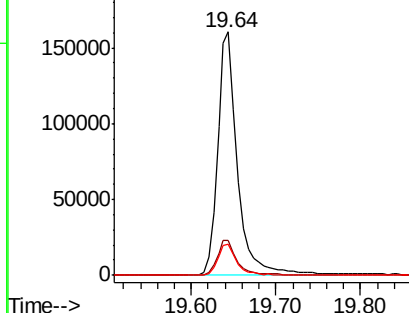
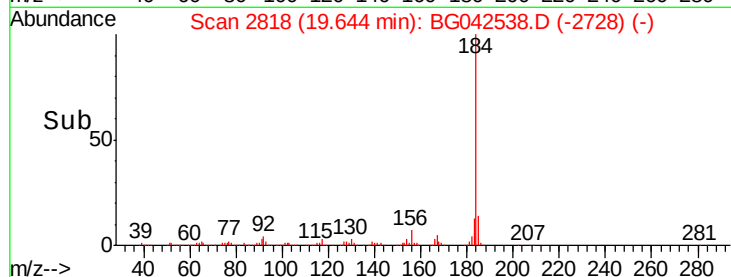
184 100

185 14.2 12.2 18.4

183 12.5 10.8 16.2



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: 39.694 ng

RT: 19.83 min Scan# 2849

Delta R.T. -0.01 min

Lab File: BG042538.D

Acq: 28 Aug 2019 18:40

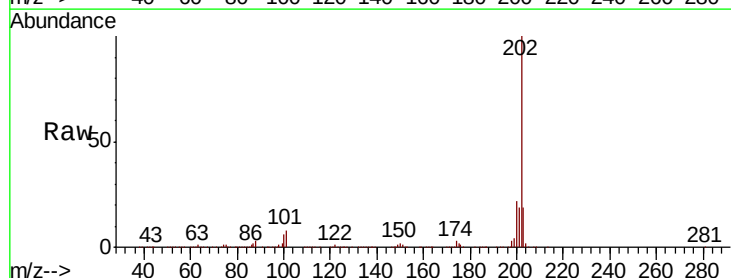
Tgt Ion:202 Resp: 685101

Ion Ratio Lower Upper

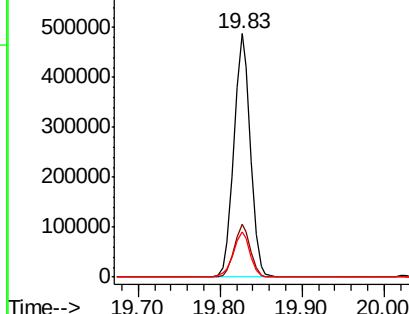
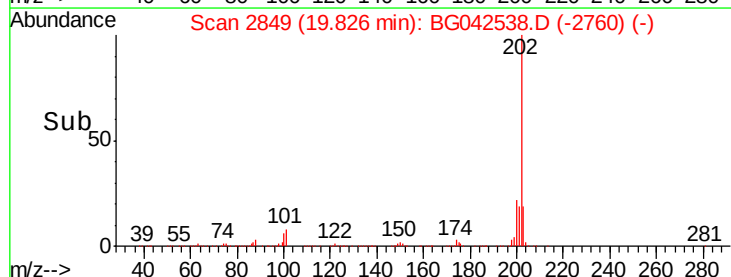
202 100

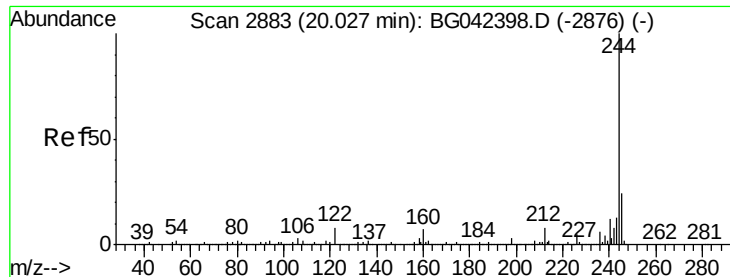
200 21.5 17.8 26.6

203 18.6 15.5 23.3



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: 63.168 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.01 min

Lab File: BG042538.D

Acq: 28 Aug 2019 18:40

Instrument :

BNA_G

ClientSampleId :

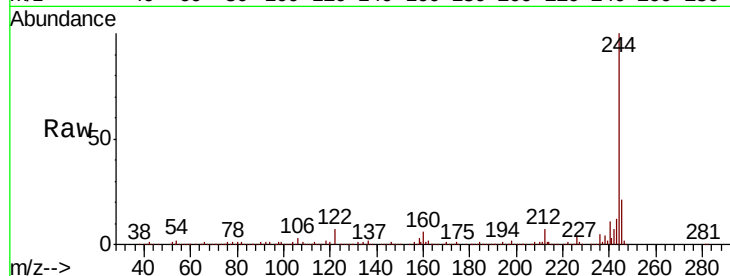
Tot Ion:244 Resp: 822552

Ion Ratio Lower Upper

244 100

212 7.0 6.0 9.0

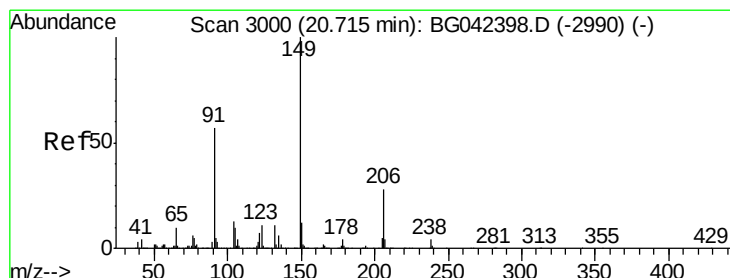
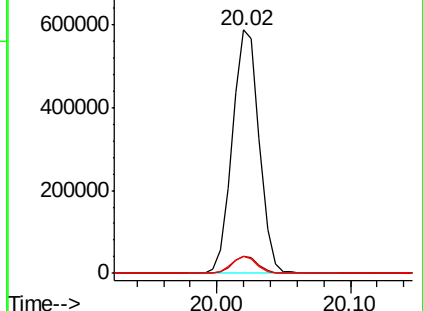
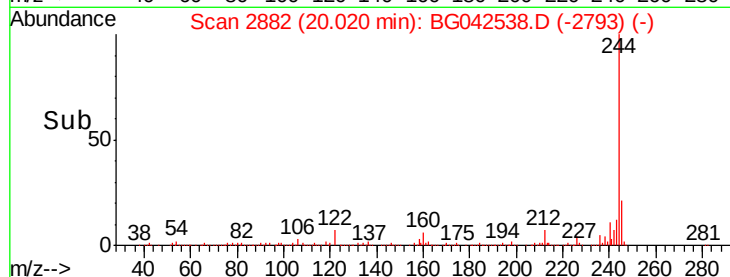
122 7.2 6.7 10.1



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 37.073 ng

RT: 20.71 min Scan# 2999

Delta R.T. -0.01 min

Lab File: BG042538.D

Acq: 28 Aug 2019 18:40

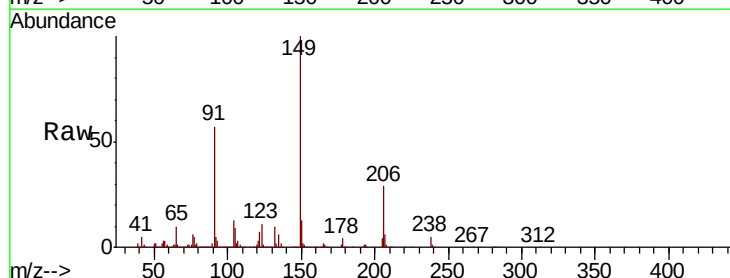
Tgt Ion:149 Resp: 251671

Ion Ratio Lower Upper

149 100

91 56.8 45.9 68.9

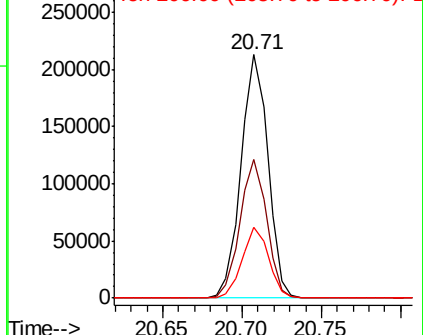
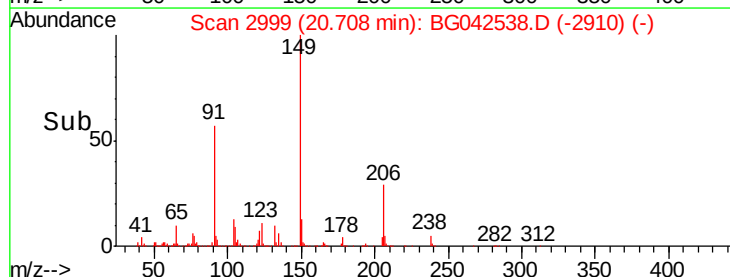
206 28.9 22.5 33.7

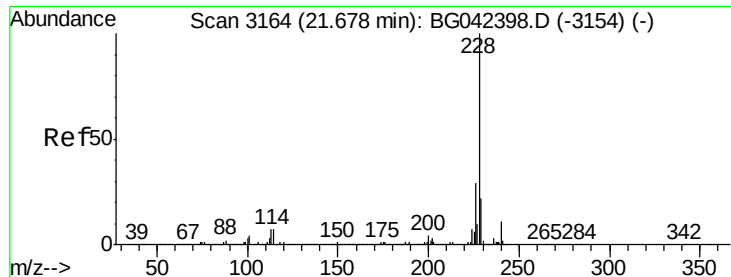


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 40.076 ng

RT: 21.67 min Scan# 3162

Delta R.T. -0.01 min

Lab File: BG042538.D

Acq: 28 Aug 2019 18:40

Instrument :

BNA_G

ClientSampleId :

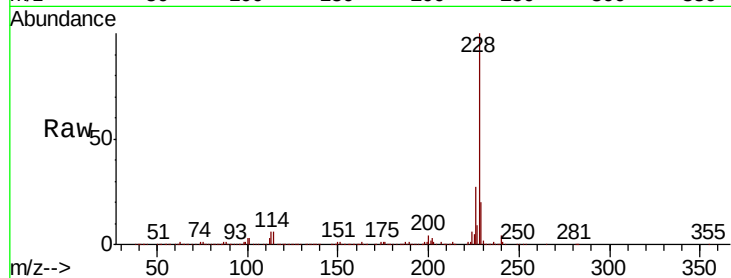
Tot Ion:228 Resp: 686310

Ion	Ratio	Lower	Upper
228	100		
226	27.5	23.4	35.2
229	20.5	17.4	26.2

228 100

226 27.5 23.4 35.2

229 20.5 17.4 26.2

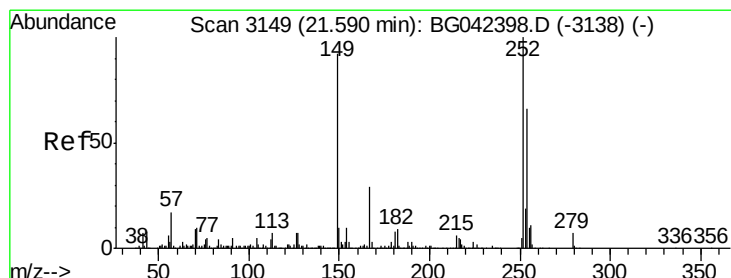
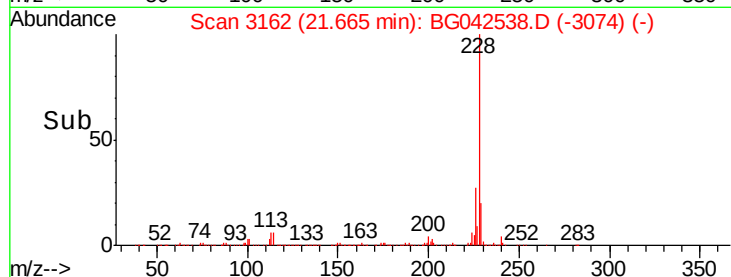
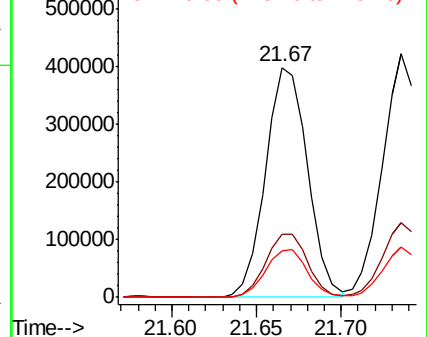


Abundance

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



#82

3,3'-Dichlorobenzidine

Concen: 32.461 ng

RT: 21.58 min Scan# 3148

Delta R.T. -0.01 min

Lab File: BG042538.D

Acq: 28 Aug 2019 18:40

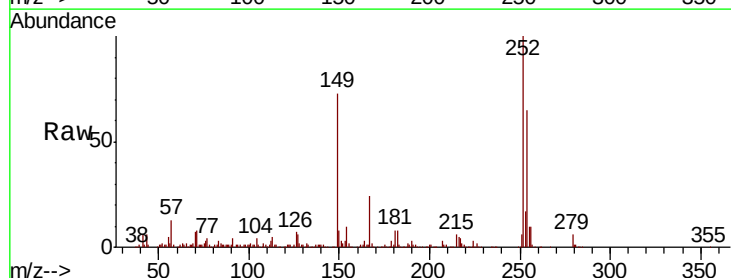
Tgt Ion:252 Resp: 223573

Ion	Ratio	Lower	Upper
252	100		
254	64.8	53.0	79.4
126	6.6	5.7	8.5

252 100

254 64.8 53.0 79.4

126 6.6 5.7 8.5

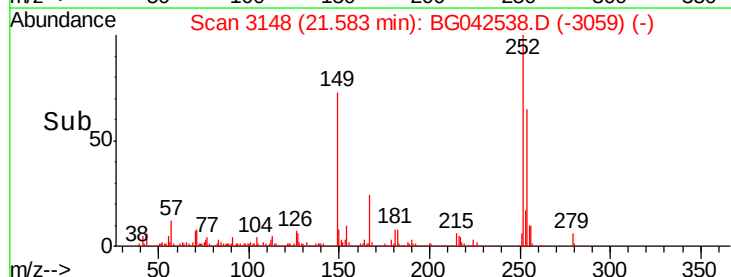
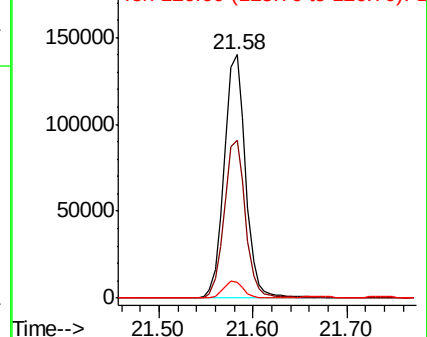


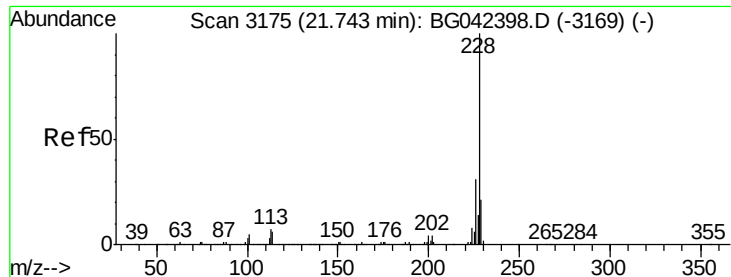
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

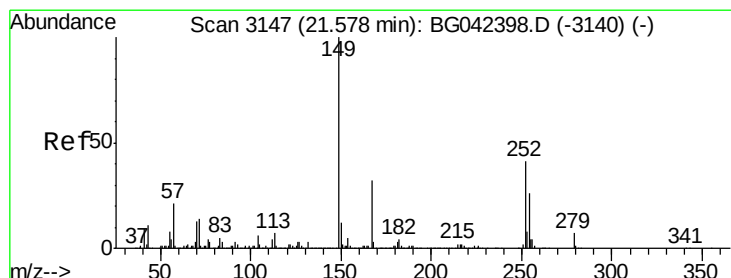
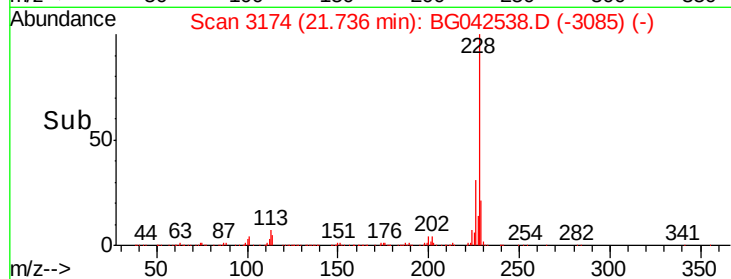
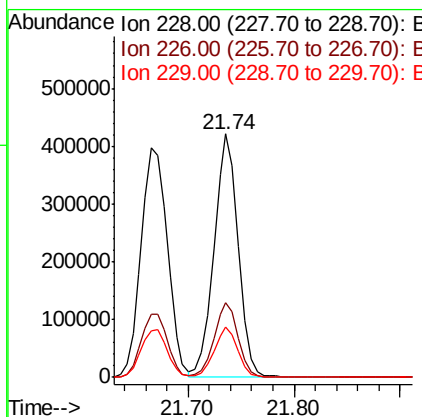
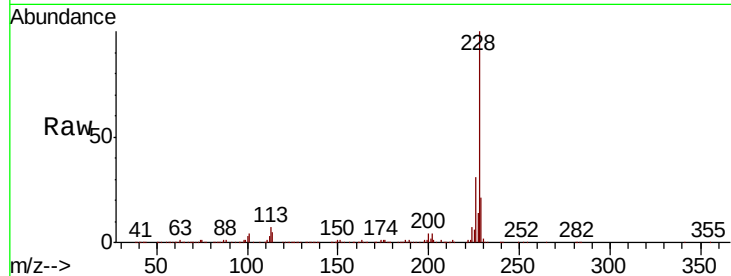




#83
Chrysene
Concen: 40.533 ng
RT: 21.74 min Scan# 3174
Delta R.T. -0.01 min
Lab File: BG042538.D
Acq: 28 Aug 2019 18:40

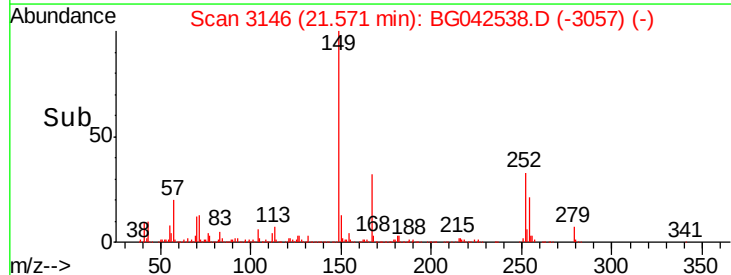
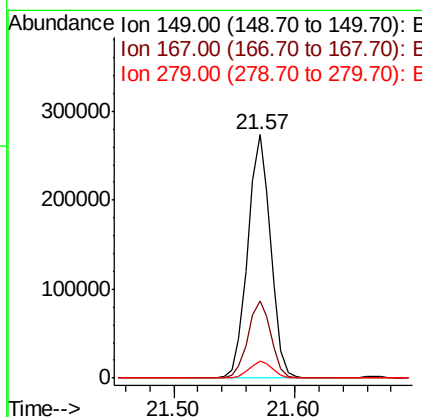
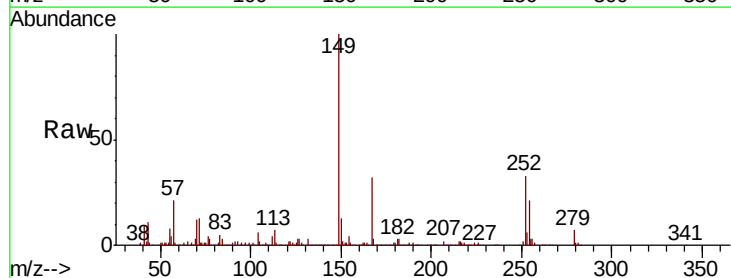
Instrument :
BNA_G
ClientSampleId :

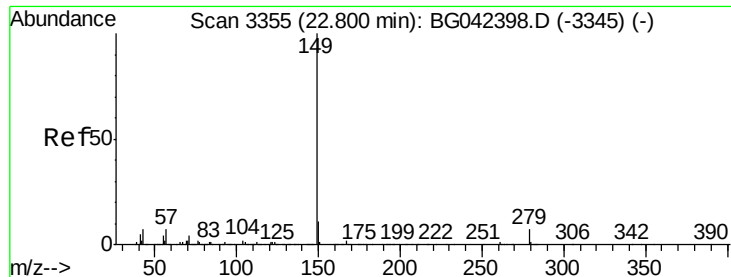
Tot Ion:228 Resp: 669426
Ion Ratio Lower Upper
228 100
226 30.8 24.9 37.3
229 20.9 16.9 25.3



#84
Bis(2-ethylhexyl)phthalate
Concen: 38.378 ng
RT: 21.57 min Scan# 3146
Delta R.T. -0.01 min
Lab File: BG042538.D
Acq: 28 Aug 2019 18:40

Tgt Ion:149 Resp: 361730
Ion Ratio Lower Upper
149 100
167 32.0 26.0 39.0
279 7.0 5.4 8.0





#85

Di-n-octyl phthalate

Concen: 39.265 ng

RT: 22.79 min Scan# 3353

Delta R.T. -0.01 min

Lab File: BG042538.D

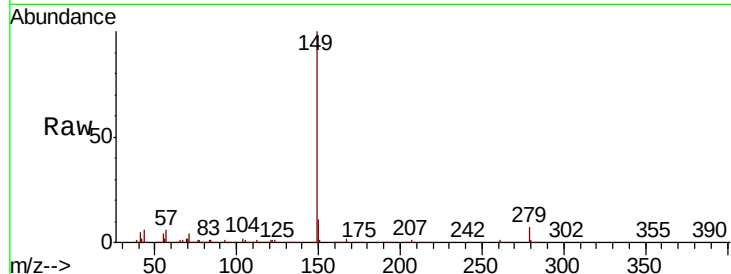
Acq: 28 Aug 2019 18:40

Instrument :

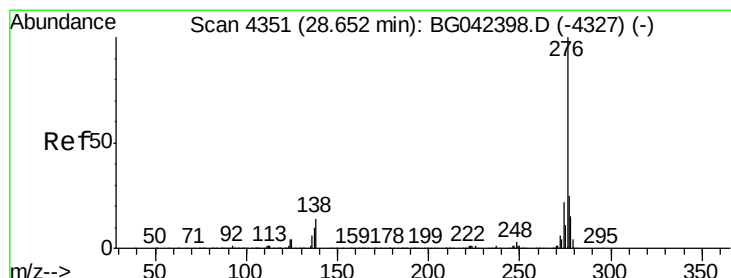
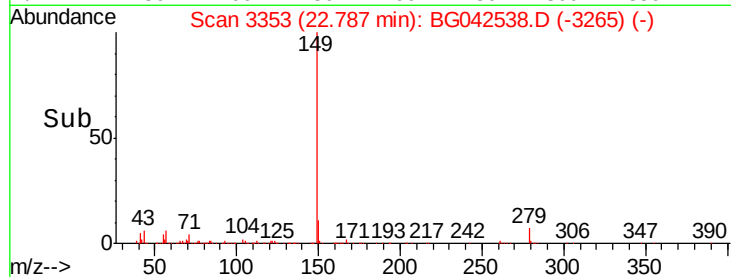
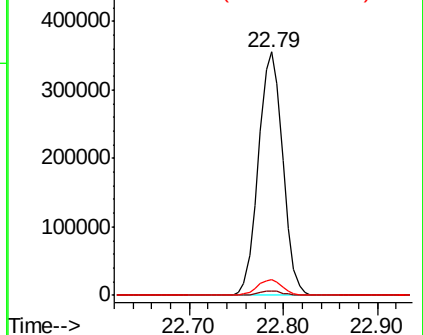
BNA_G

ClientSampleId :

Tot Ion:	149	Resp:	636529
Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.6	2.4
43	6.1	5.3	7.9



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 39.595 ng

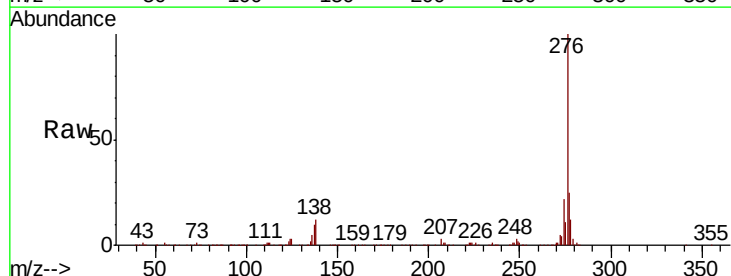
RT: 28.63 min Scan# 4348

Delta R.T. -0.02 min

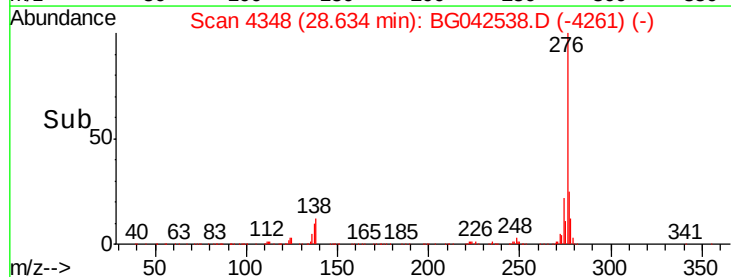
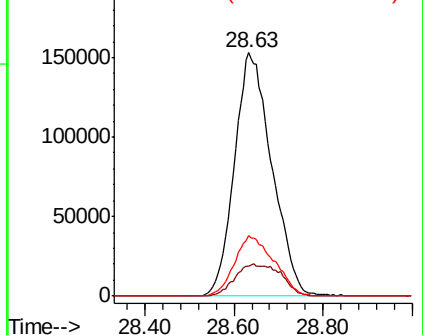
Lab File: BG042538.D

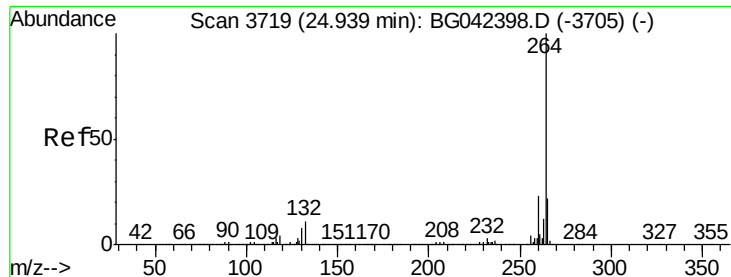
Acq: 28 Aug 2019 18:40

Tgt Ion:	276	Resp:	888684
Ion	Ratio	Lower	Upper
276	100		
138	16.3	9.2	13.8#
277	26.1	21.0	31.6



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

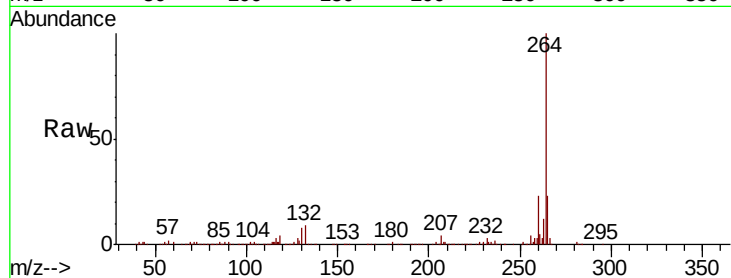




#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.93 min Scan# 3717
Delta R.T. -0.01 min
Lab File: BG042538.D
Acq: 28 Aug 2019 18:40

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.5	27.7
265	22.7	17.6	26.4

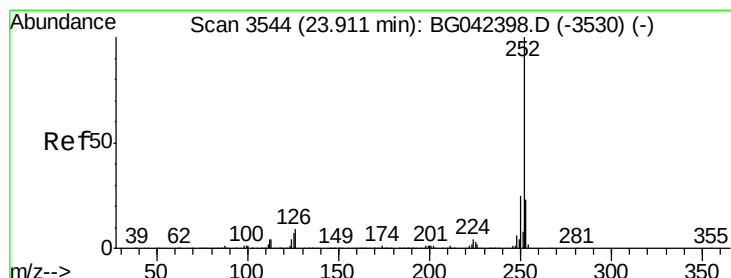
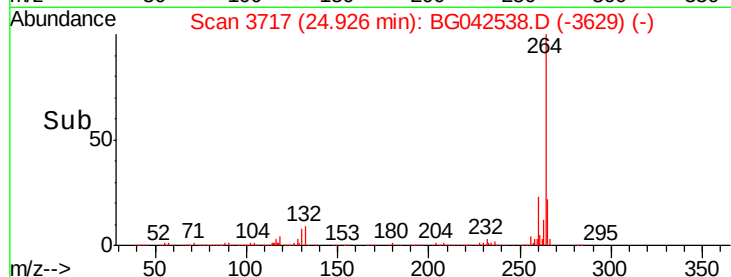
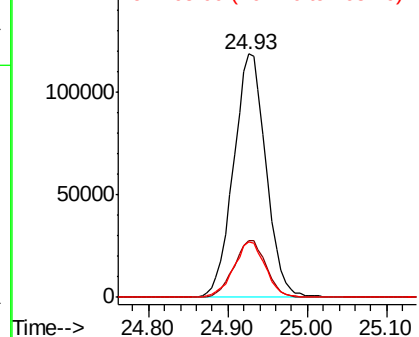


Abundance

Ion 264.00 (263.70 to 264.70): E

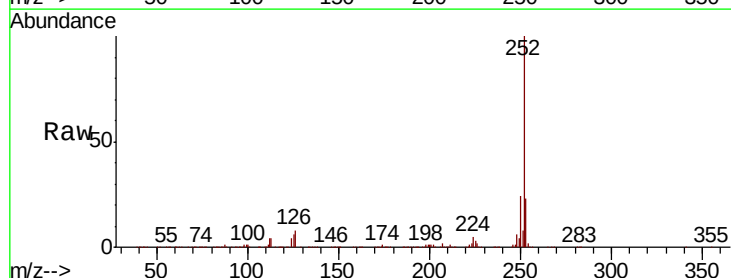
Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88
Benzo(b)fluoranthene
Concen: 40.738 ng
RT: 23.90 min Scan# 3542
Delta R.T. -0.01 min
Lab File: BG042538.D
Acq: 28 Aug 2019 18:40

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.6	27.8
125	6.2	5.6	8.4

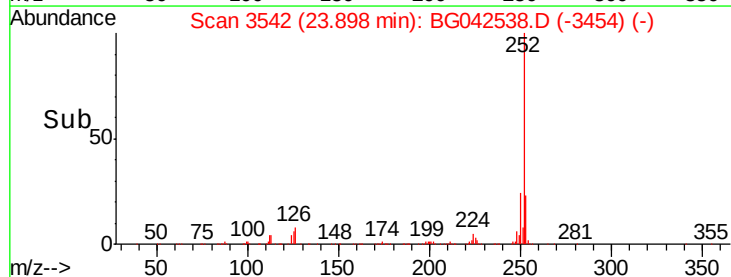
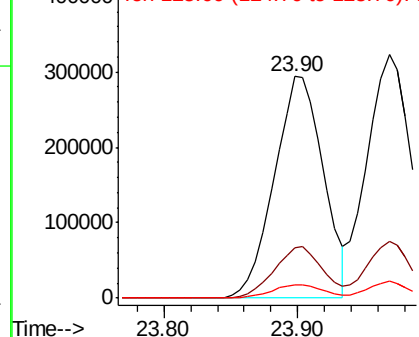


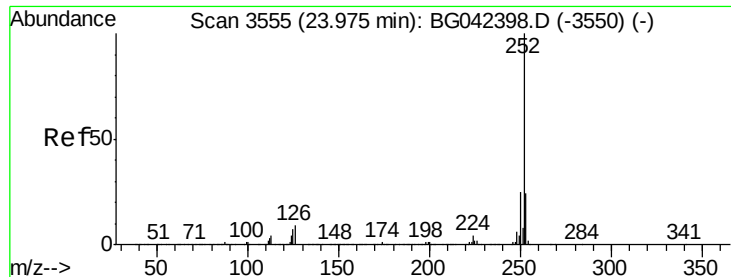
Abundance

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: 42.018 ng

RT: 23.97 min Scan# 3554

Delta R.T. -0.01 min

Lab File: BG042538.D

Acq: 28 Aug 2019 18:40

Instrument :

BNA_G

ClientSampleId :

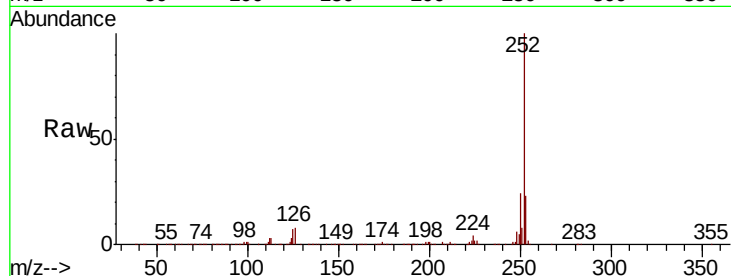
Tot Ion:252 Resp: 743234

Ion Ratio Lower Upper

252 100

253 23.1 18.6 27.8

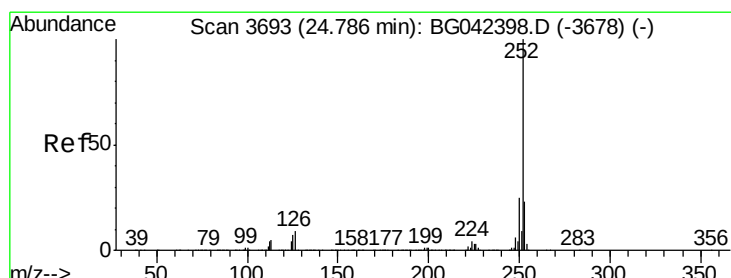
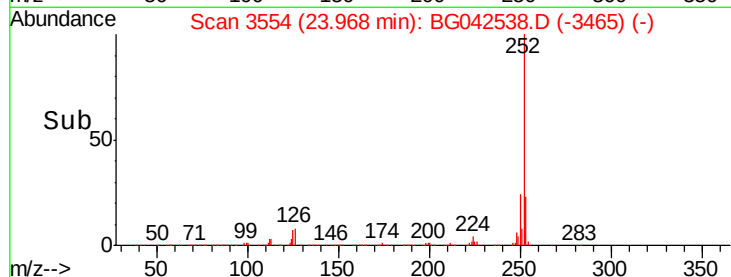
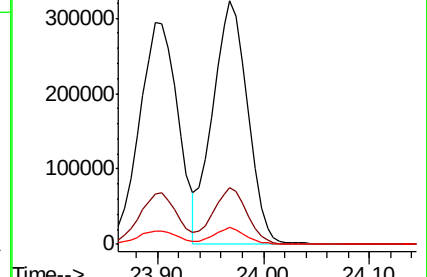
125 6.8 5.8 8.6



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



#90

Benzo(a)pyrene

Concen: 42.718 ng

RT: 24.77 min Scan# 3691

Delta R.T. -0.01 min

Lab File: BG042538.D

Acq: 28 Aug 2019 18:40

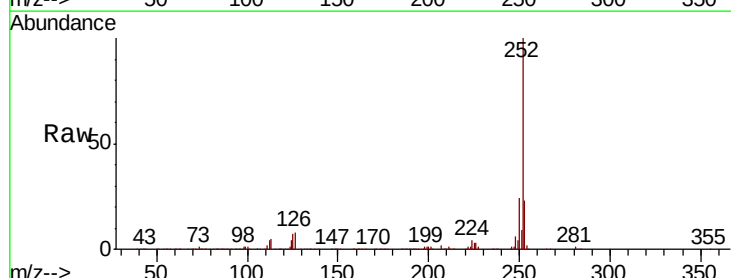
Tgt Ion:252 Resp: 745956

Ion Ratio Lower Upper

252 100

253 22.7 18.4 27.6

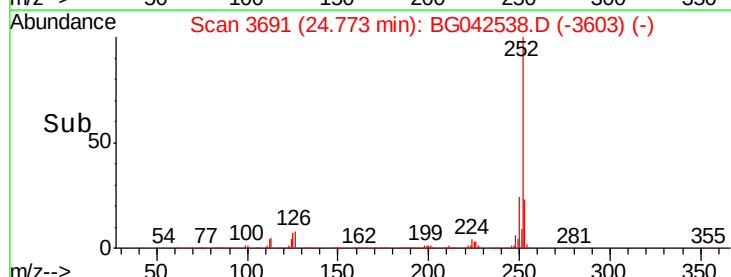
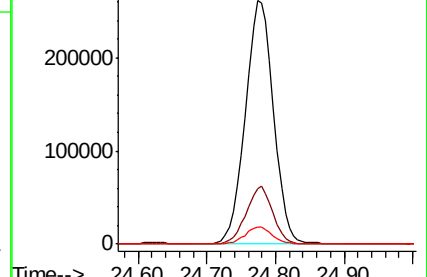
125 7.0 6.0 9.0

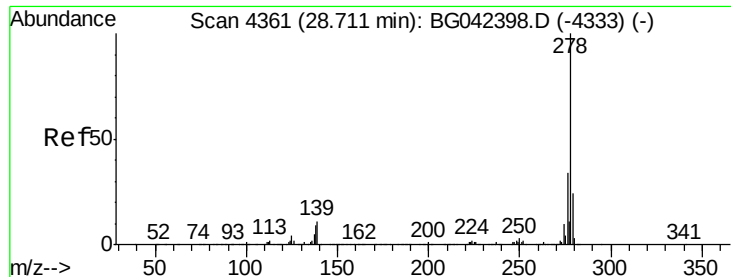


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 41.597 ng

RT: 28.69 min Scan# 4358

Delta R.T. -0.02 min

Lab File: BG042538.D

Acq: 28 Aug 2019 18:40

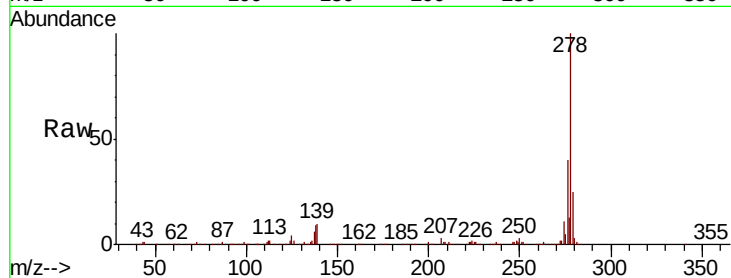
Instrument :

BNA_G

ClientSampleId :

Tot Ion:278 Resp: 735460

Ion	Ratio	Lower	Upper
278	100		
139	10.0	8.8	13.2
279	24.5	19.1	28.7

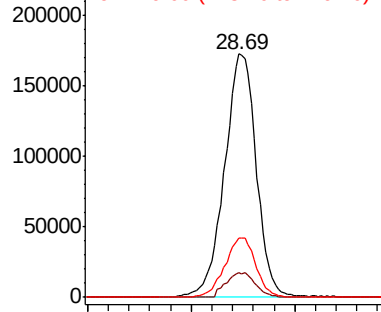


Abundance

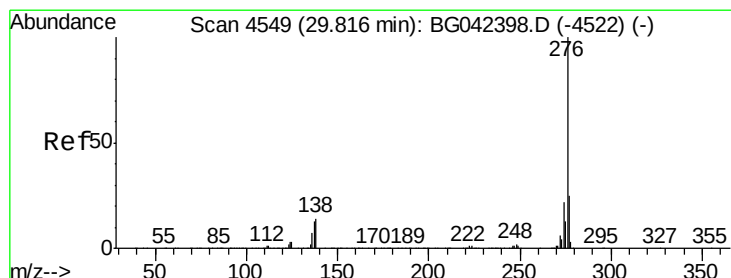
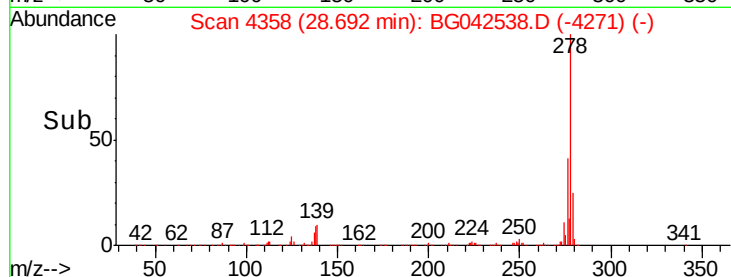
Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



Time-->



#92

Benzo(g,h,i)perylene

Concen: 42.175 ng

RT: 29.80 min Scan# 4546

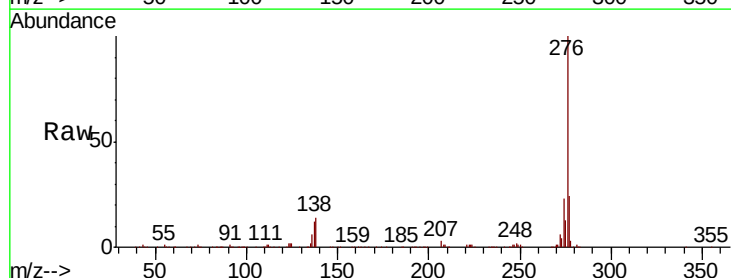
Delta R.T. -0.02 min

Lab File: BG042538.D

Acq: 28 Aug 2019 18:40

Tgt Ion:276 Resp: 745792

Ion	Ratio	Lower	Upper
276	100		
277	24.5	19.8	29.8
138	13.6	11.4	17.0

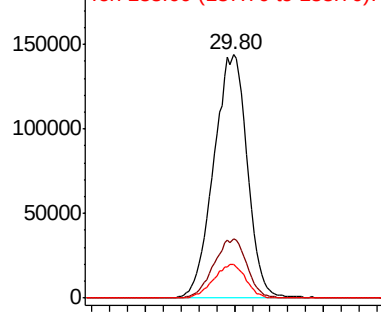


Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E



Time-->

