

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG083119\
 Data File : BG042626.D
 Acq On : 31 Aug 2019 9:27
 Operator : HP/JU
 Sample : PB122684BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB122684BS

Quant Time: Aug 31 13:34:17 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	31915	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	119354	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	78468	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	195702	20.00	ng	0.00
76) Chrysene-d12	21.68	240	226865	20.00	ng	-0.01
87) Perylene-d12	24.92	264	259385	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.55	112	138634	87.98	ng	0.00
7) Phenol-d6	7.16	99	171583	80.61	ng	0.00
23) Nitrobenzene-d5	9.17	82	149102	86.33	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	104371	93.58	ng	-0.01
45) 2-Fluorobiphenyl	13.27	172	477041	102.82	ng	0.00
79) Terphenyl-d14	20.02	244	902765	86.03	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.41	88	22638	34.424	ng	94
3) Pyridine	3.81	79	50835	30.146	ng	98
4) n-Nitrosodimethylamine	3.73	42	24939	41.407	ng	83
6) Aniline	7.31	93	70671	24.892	ng	99
8) 2-Chlorophenol	7.56	128	80910	42.366	ng	99
9) Benzaldehyde	7.13	77	17967	16.860	ng	95
10) Phenol	7.19	94	88017	40.669	ng	93
11) bis(2-Chloroethyl)ether	7.41	93	62121	36.548	ng	99
12) 1,3-Dichlorobenzene	7.89	146	93192	38.359	ng	98
13) 1,4-Dichlorobenzene	8.03	146	96332	39.145	ng	97
14) 1,2-Dichlorobenzene	8.36	146	90368	38.346	ng	98
15) Benzyl Alcohol	8.24	79	58898	38.460	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.53	45	79465	34.494	ng	98
17) 2-Methylphenol	8.45	107	63202	39.648	ng	95
18) Hexachloroethane	9.09	117	31416	37.290	ng	95
19) n-Nitroso-di-n-propylamine	8.81	70	48568	35.219	ng	97
20) 3+4-Methylphenols	8.78	107	84430	38.277	ng	97
22) Acetophenone	8.82	105	109845	43.030	ng	# 97
24) Nitrobenzene	9.21	77	72566	41.490	ng	100
25) Isophorone	9.73	82	133963	39.301	ng	100
26) 2-Nitrophenol	9.92	139	48009	43.802	ng	98
27) 2,4-Dimethylphenol	9.99	122	73506	48.686	ng	98
28) bis(2-Chloroethoxy)methane	10.21	93	83661	38.942	ng	97
29) 2,4-Dichlorophenol	10.47	162	89743	45.432	ng	100
30) 1,2,4-Trichlorobenzene	10.68	180	104121	42.943	ng	100
31) Naphthalene	10.86	128	234838	42.380	ng	99
32) Benzoic acid	10.14	122	28814	29.990	ng	96
33) 4-Chloroaniline	10.98	127	59741	23.354	ng	98
34) Hexachlorobutadiene	11.16	225	70521	43.278	ng	95
35) Caprolactam	11.75	113	24089	36.547	ng	98
36) 4-Chloro-3-methylphenol	12.11	107	76582	40.840	ng	95
37) 2-Methylnaphthalene	12.48	142	187573	42.157	ng	98
38) 1-Methylnaphthalene	12.70	142	175841	41.606	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	129253	51.293	ng	99

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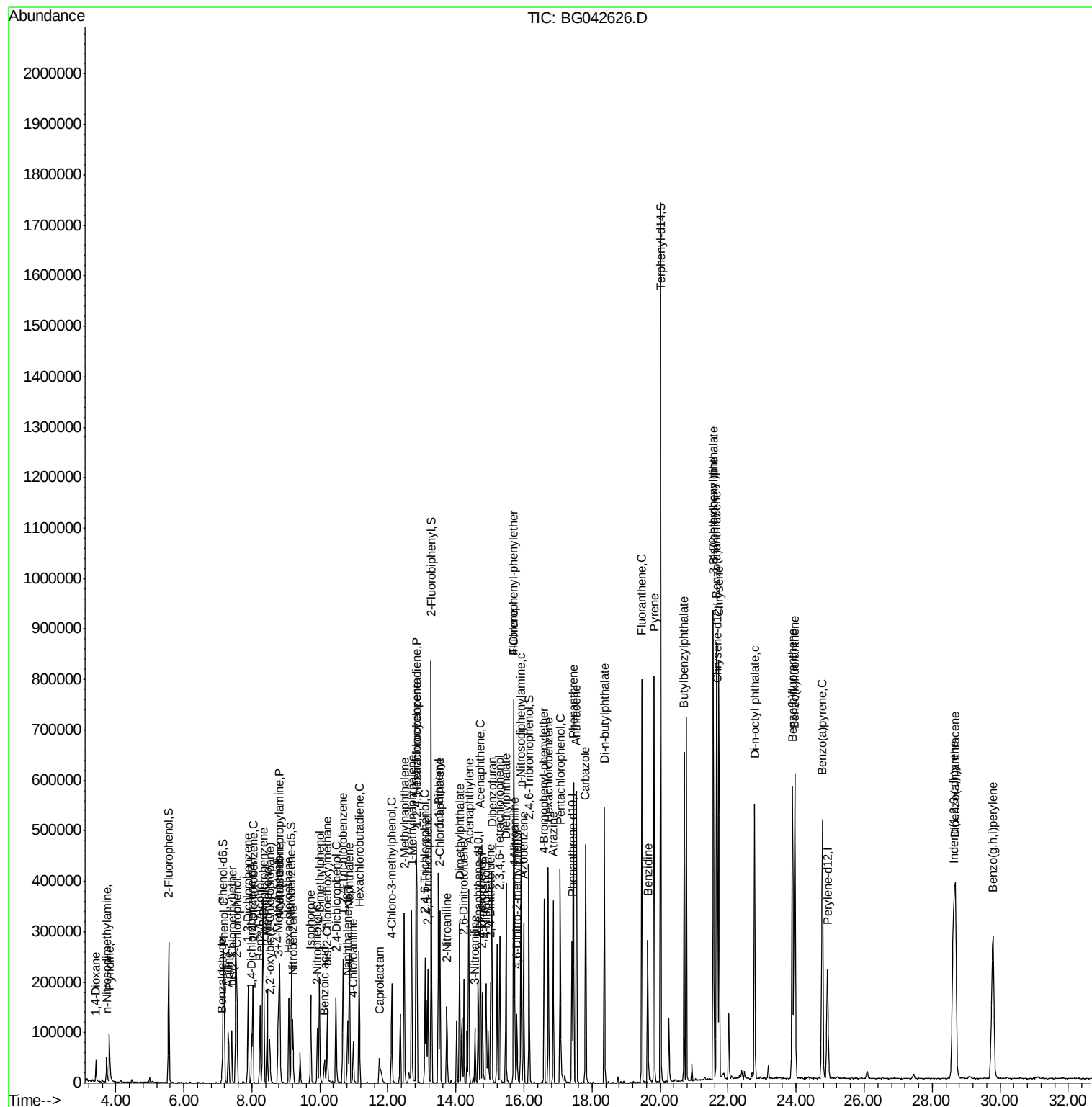
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	137508	103.884	nq	99
43) 2,4,6-Trichlorophenol	13.09	196	81016	47.565	nq	94
44) 2,4,5-Trichlorophenol	13.17	196	83903	47.535	nq	97
46) 1,1'-Biphenyl	13.49	154	242135	47.737	nq	98
47) 2-Chloronaphthalene	13.53	162	199558	45.628	nq	99
48) 2-Nitroaniline	13.73	65	42232	40.043	nq	95
49) Acenaphthylene	14.38	152	307388	46.716	nq	99
50) Dimethylphthalate	14.11	163	253318	44.742	nq	99
51) 2,6-Dinitrotoluene	14.23	165	59422	45.279	nq	97
52) Acenaphthene	14.72	154	179104	44.827	nq	98
53) 3-Nitroaniline	14.56	138	37505	28.576	nq	92
54) 2,4-Dinitrophenol	14.78	184	71051	80.291	nq	94
55) Dibenzofuran	15.05	168	310809	46.995	nq	99
56) 4-Nitrophenol	14.88	139	82208	88.148	nq	93
57) 2,4-Dinitrotoluene	15.02	165	82267	43.776	nq	97
58) Fluorene	15.71	166	245915	45.487	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.29	232	83141	47.631	nq	96
60) Diethylphthalate	15.47	149	238372	43.069	nq	100
61) 4-Chlorophenyl-phenylether	15.69	204	149112	45.754	nq	99
62) 4-Nitroaniline	15.72	138	56485	40.212	nq	97
63) Azobenzene	15.99	77	160023	42.195	nq	97
65) 4,6-Dinitro-2-methylphenol	15.79	198	51686	42.125	nq	99
66) n-Nitrosodiphenylamine	15.91	169	227242	42.223	nq	98
67) 4-Bromophenyl-phenylether	16.59	248	102642	41.349	nq	98
68) Hexachlorobenzene	16.72	284	108168	40.084	nq	97
69) Atrazine	16.86	200	88657	46.583	nq	99
70) Pentachlorophenol	17.06	266	119813	85.453	nq	96
71) Phenanthrene	17.45	178	412112	42.395	nq	98
72) Anthracene	17.54	178	424647	43.759	nq	99
73) Carbazole	17.81	167	368609	42.619	nq	98
74) Di-n-butylphthalate	18.36	149	426730	41.739	nq	99
75) Fluoranthene	19.46	202	560526	47.248	nq	96
77) Benzidine	19.64	184	216459	33.279	nq	98
78) Pyrene	19.82	202	567390	40.793	nq	97
80) Butylbenzylphthalate	20.71	149	215350	39.364	nq	95
81) Benzo(a)anthracene	21.66	228	584285	42.338	nq	98
82) 3,3'-Dichlorobenzidine	21.58	252	188933	34.040	nq	98
83) Chrysene	21.73	228	569956	42.823	nq	100
84) Bis(2-ethylhexyl)phthalate	21.56	149	307716	40.512	nq	98
85) Di-n-octyl phthalate	22.78	149	534585	40.920	nq	99
86) Indeno(1,2,3-cd)pyrene	28.63	276	748882	41.404	nq	# 97
88) Benzo(b)fluoranthene	23.89	252	642874m	45.082	nq	
89) Benzo(k)fluoranthene	23.96	252	636318	46.423	nq	98
90) Benzo(a)pyrene	24.77	252	635083	46.933	nq	98
91) Dibenzo(a,h)anthracene	28.68	278	623679	45.521	nq	97
92) Benzo(g,h,i)perylene	29.78	276	626880	45.748	nq	97

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

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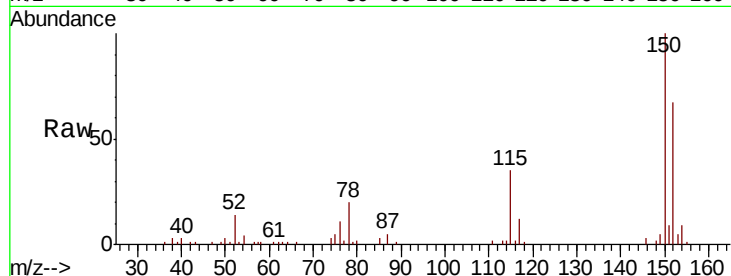


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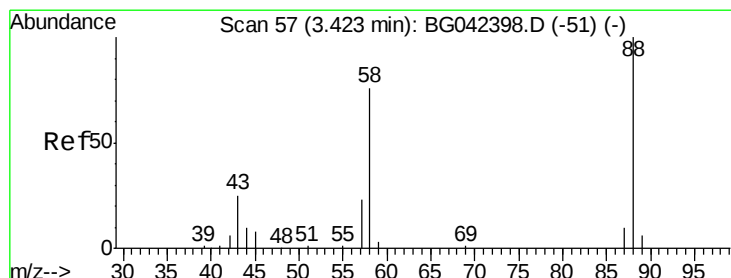
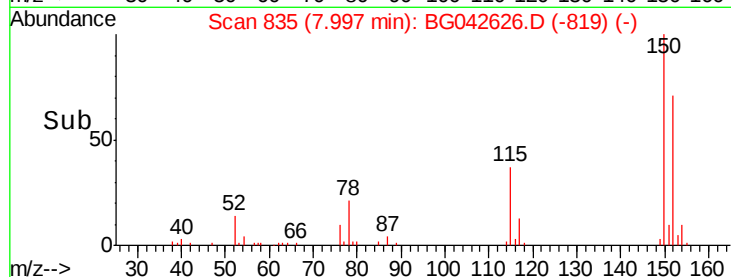
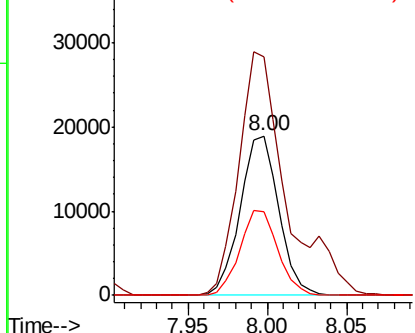
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 835
Delta R.T. -0.01 min
Lab File: BG042626.D
Acq: 31 Aug 2019 9:27

Instrument :
BNA_G
ClientSampleId :
PB122684BS

Tot Ion:152 Resp: 31915
Ion Ratio Lower Upper
152 100
150 149.4 125.4 188.0
115 52.4 38.5 57.7



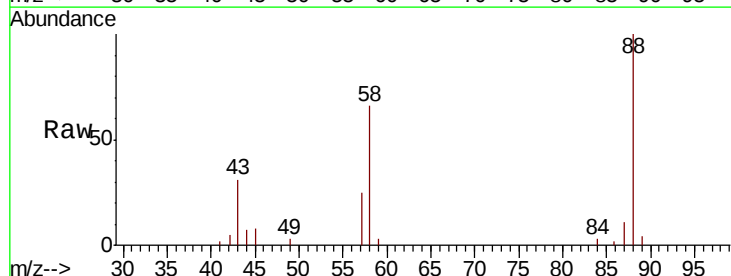
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



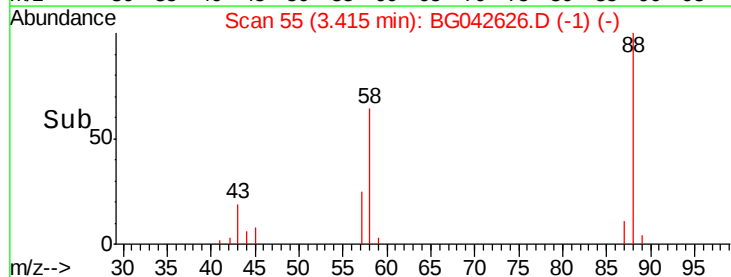
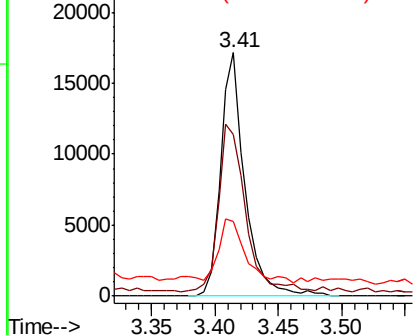
#2

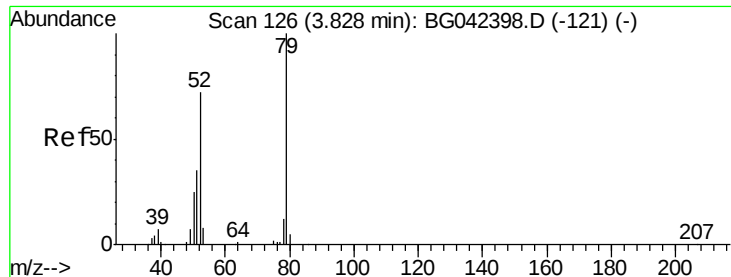
1,4-Dioxane
Concen: 34.424 ng
RT: 3.41 min Scan# 55
Delta R.T. -0.01 min
Lab File: BG042626.D
Acq: 31 Aug 2019 9:27

Tgt Ion: 88 Resp: 22638
Ion Ratio Lower Upper
88 100
58 77.2 58.3 87.5
43 29.5 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: 30.146 ng

RT: 3.81 min Scan# 123

Delta R.T. -0.01 min

Lab File: BG042626.D

Acq: 31 Aug 2019 9:27

Instrument :

BNA_G

ClientSampleId :

PB122684BS

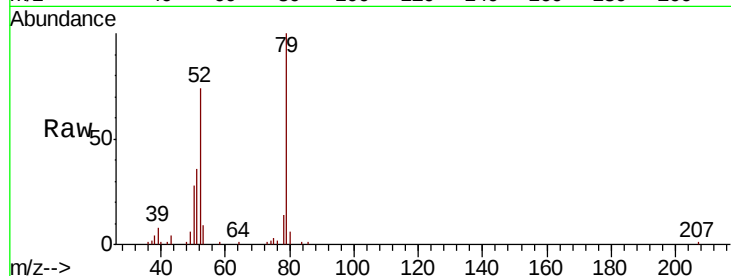
Tot Ion: 79 Resp: 50835

Ion Ratio Lower Upper

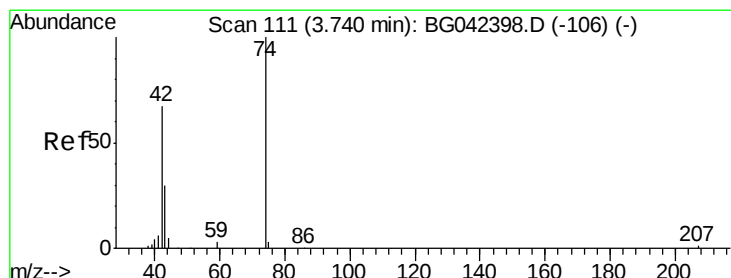
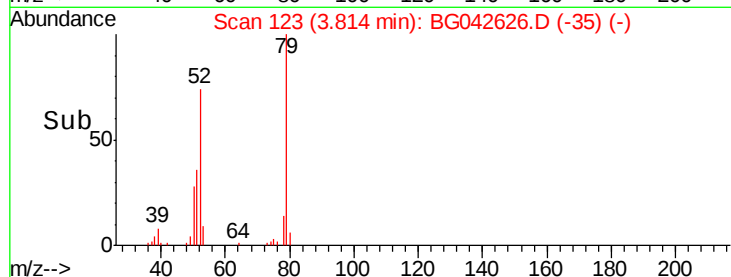
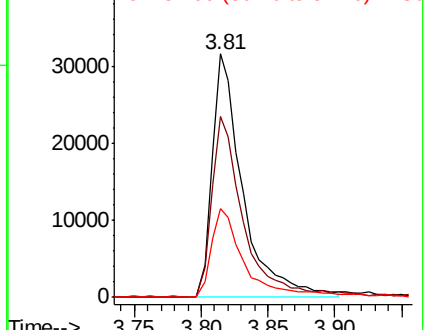
79 100

52 74.5 57.7 86.5

51 36.3 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: 41.407 ng

RT: 3.73 min Scan# 109

Delta R.T. -0.01 min

Lab File: BG042626.D

Acq: 31 Aug 2019 9:27

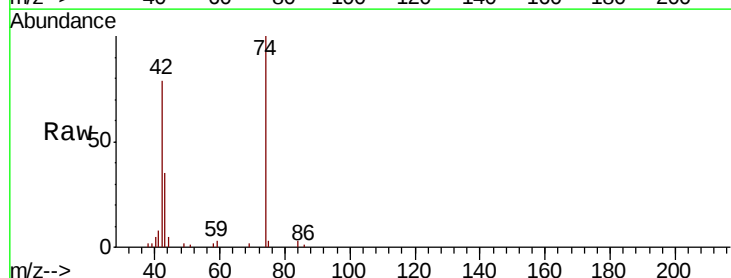
Tgt Ion: 42 Resp: 24939

Ion Ratio Lower Upper

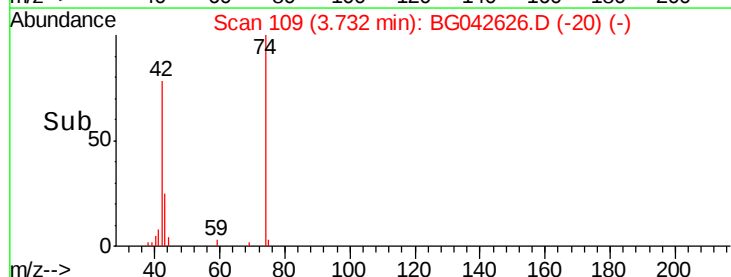
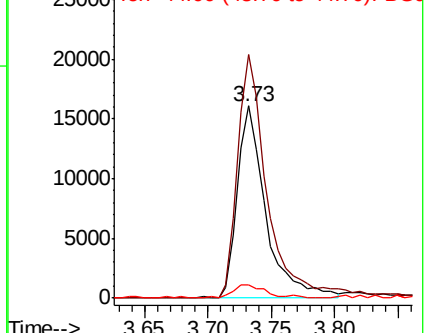
42 100

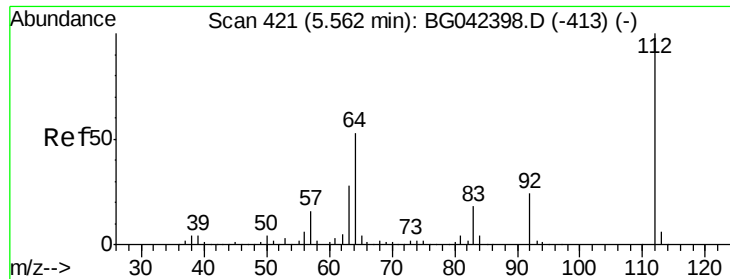
74 126.6 119.6 179.4

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: 87.976 ng

RT: 5.55 min Scan# 419

Delta R.T. -0.01 min

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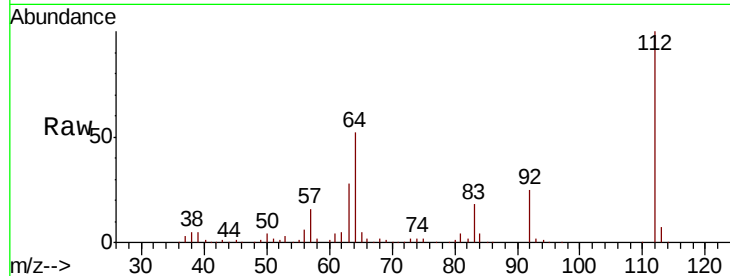
Tot Ion: 112 Resp: 138634

Ion Ratio Lower Upper

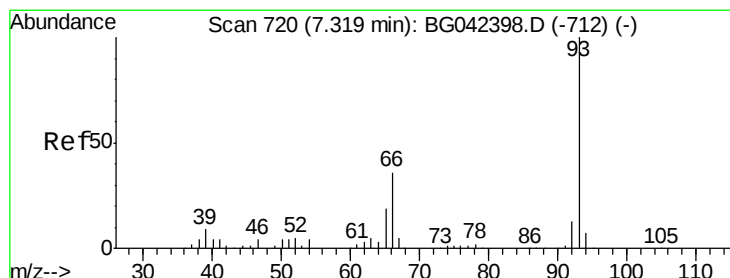
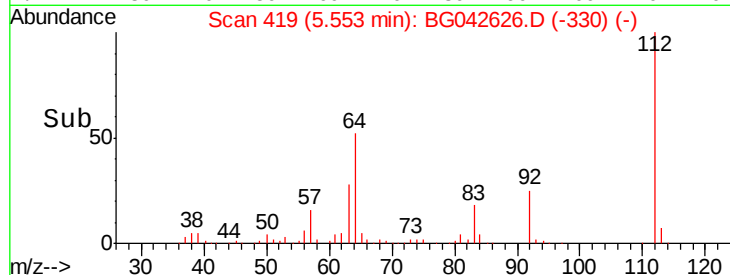
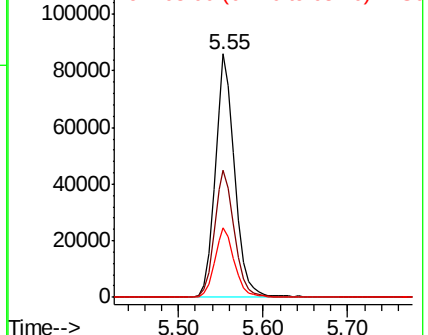
112 100

64 52.2 42.8 64.2

63 28.4 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: 24.892 ng

RT: 7.31 min Scan# 718

Delta R.T. -0.01 min

Lab File: BG042626.D

Acq: 31 Aug 2019 9:27

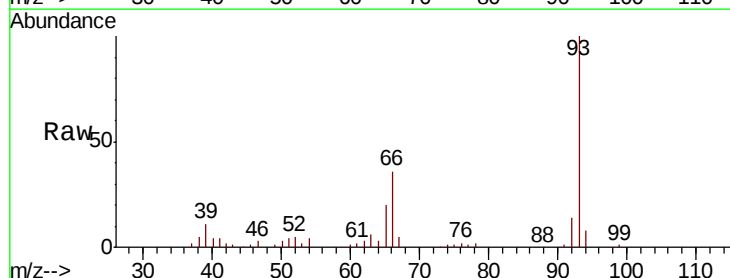
Tgt Ion: 93 Resp: 70671

Ion Ratio Lower Upper

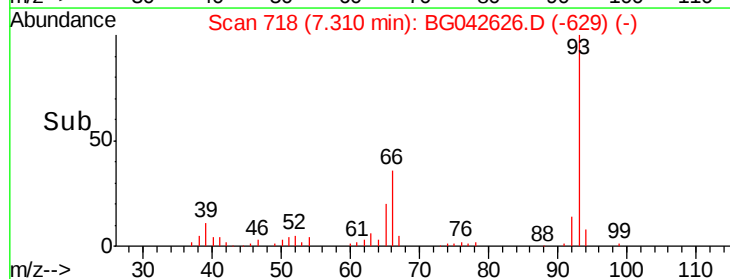
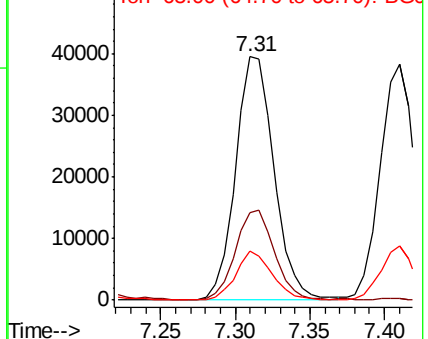
93 100

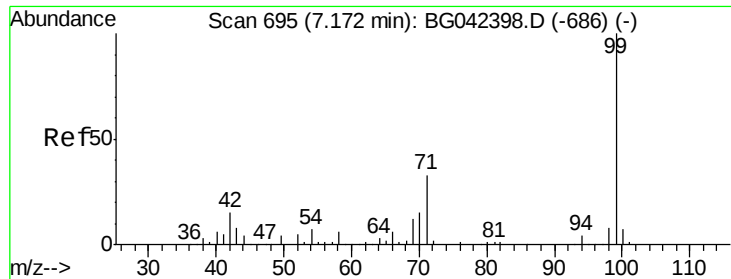
66 36.1 29.0 43.6

65 20.1 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: 80.609 ng

RT: 7.16 min Scan# 693

Delta R.T. -0.01 min

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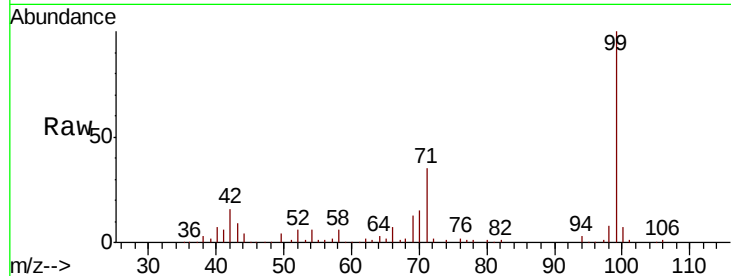
Tot Ion: 99 Resp: 171583

Ion Ratio Lower Upper

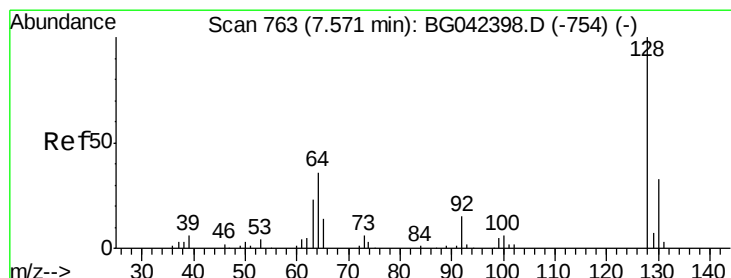
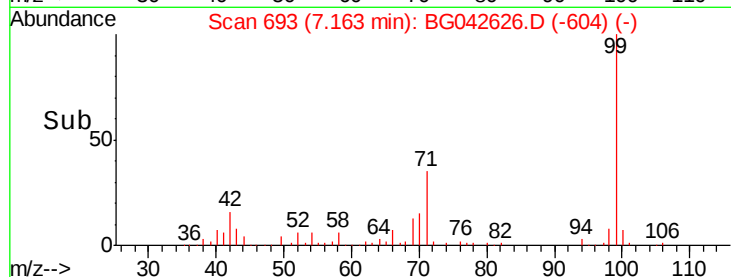
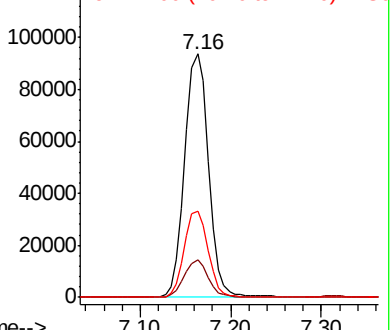
99 100

42 15.5 12.0 18.0

71 35.5 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: 42.366 ng

RT: 7.56 min Scan# 761

Delta R.T. -0.01 min

Lab File: BG042626.D

Acq: 31 Aug 2019 9:27

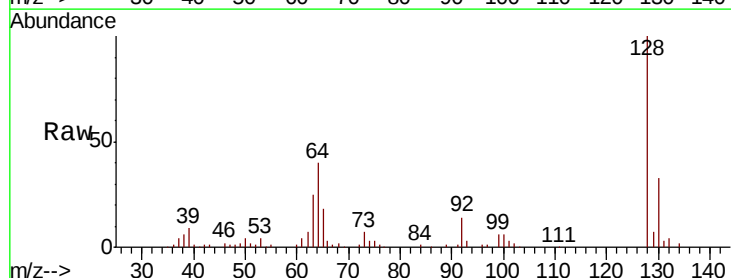
Tgt Ion: 128 Resp: 80910

Ion Ratio Lower Upper

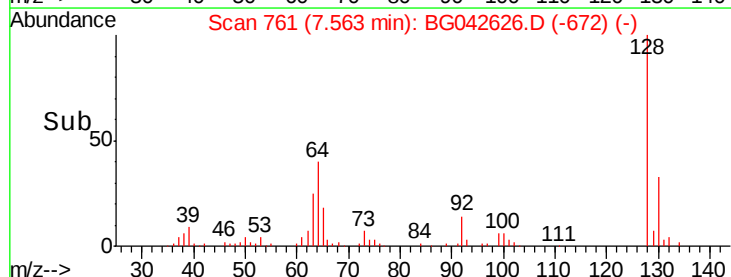
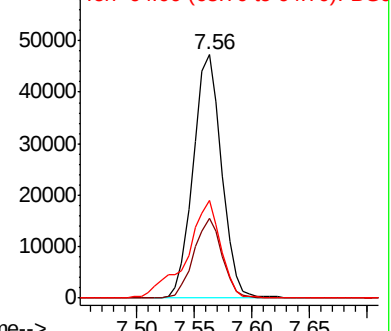
128 100

130 32.6 12.8 52.8

64 40.2 19.2 59.2



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





#9

Benzaldehyde

Concen: 16.860 ng

RT: 7.13 min Scan# 687

Delta R.T. -0.01 min

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ClientSampled :

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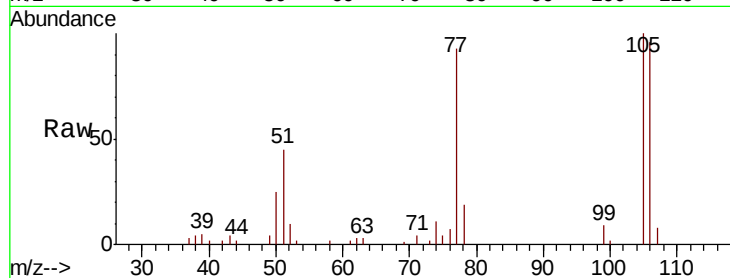
Tot Ion: 77 Resp: 17967

Ion Ratio Lower Upper

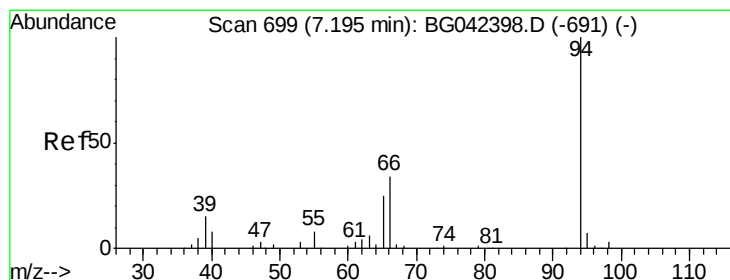
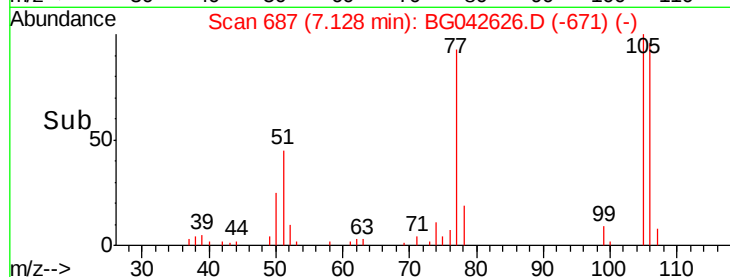
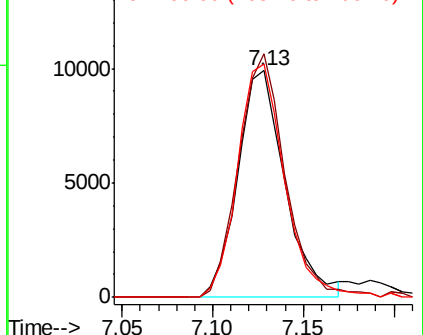
77 100

105 107.5 93.4 133.4

106 103.2 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: 40.669 ng

RT: 7.19 min Scan# 697

Delta R.T. -0.01 min

Lab File: BG042626.D

Acq: 31 Aug 2019 9:27

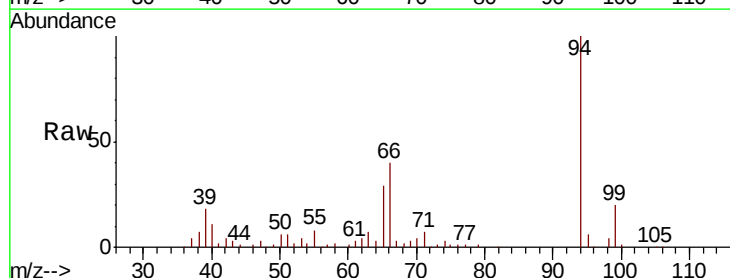
Tgt Ion: 94 Resp: 88017

Ion Ratio Lower Upper

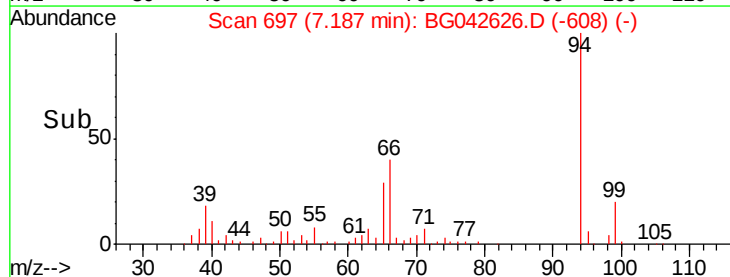
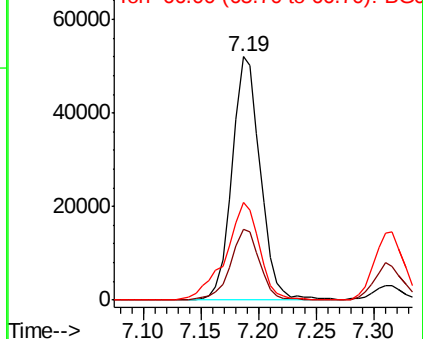
94 100

65 28.9 5.6 45.6

66 40.2 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

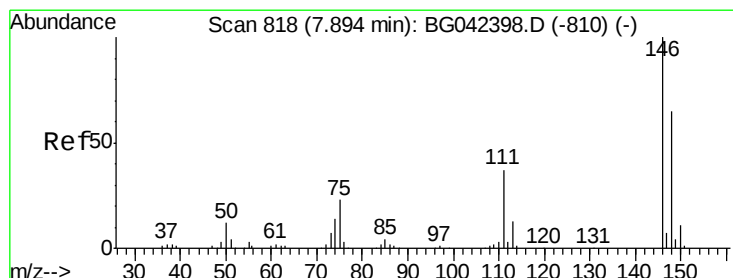
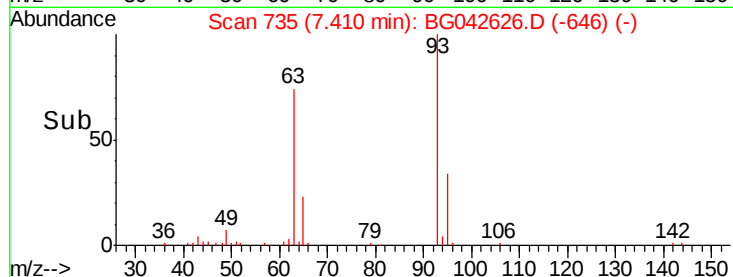
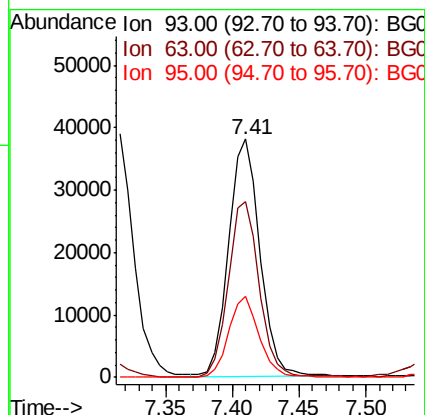
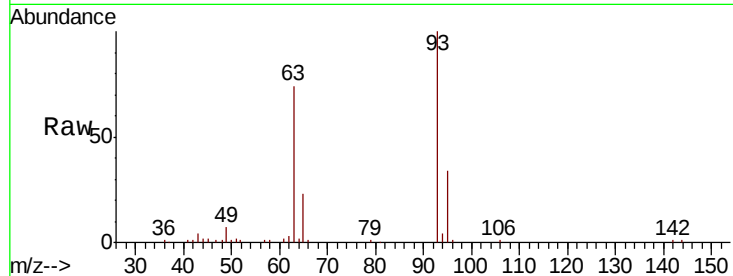




#11
 bis(2-Chloroethyl)ether
 Concen: 36.548 ng
 RT: 7.41 min Scan# 735
 Delta R.T. -0.01 min
 Lab File: BG042626.D
 Acq: 31 Aug 2019 9:27

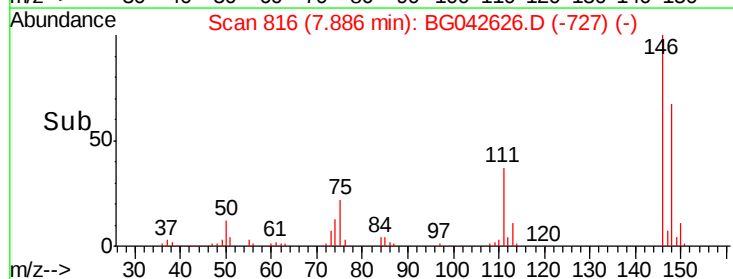
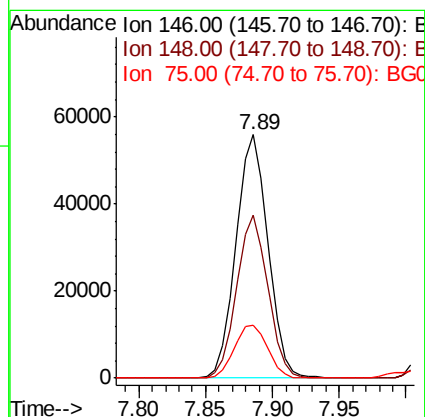
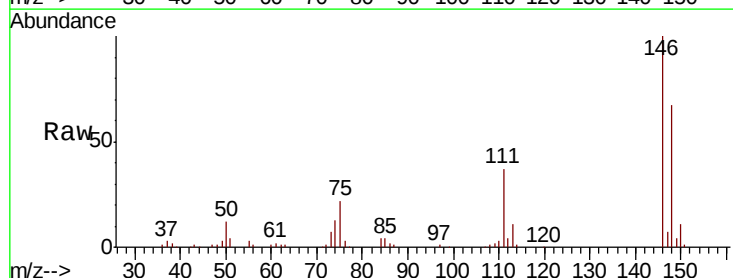
Instrument :
 BNA_G
 ClientSampleId :
 PB122684BS

Tot Ion: 93 Resp: 62121
 Ion Ratio Lower Upper
 93 100
 63 74.0 53.8 93.8
 95 33.8 13.1 53.1



#12
 1,3-Dichlorobenzene
 Concen: 38.359 ng
 RT: 7.89 min Scan# 816
 Delta R.T. -0.01 min
 Lab File: BG042626.D
 Acq: 31 Aug 2019 9:27

Tgt Ion: 146 Resp: 93192
 Ion Ratio Lower Upper
 146 100
 148 66.7 52.2 78.2
 75 21.6 18.0 27.0

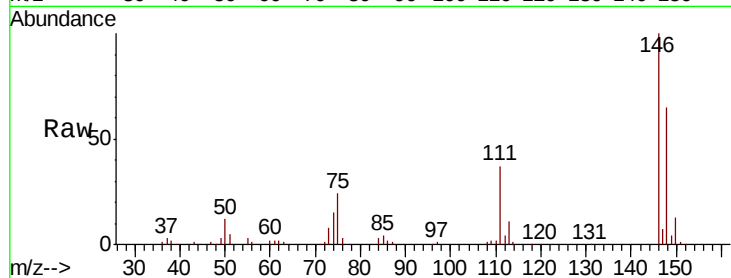




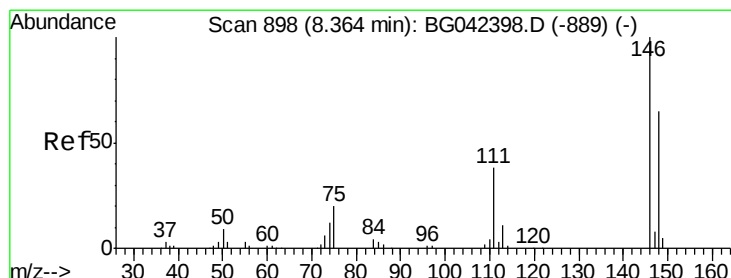
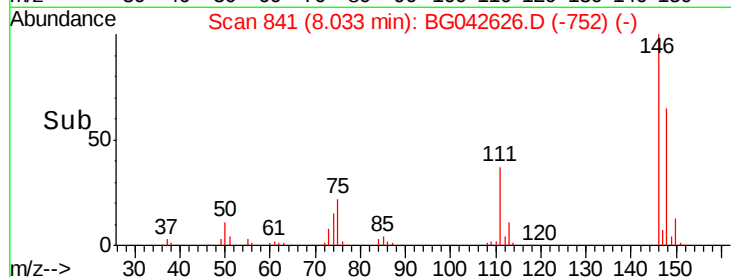
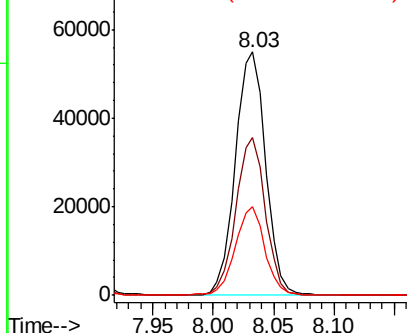
#13
 1,4-Dichlorobenzene
 Concen: 39.145 ng
 RT: 8.03 min Scan# 841
 Delta R.T. -0.01 min
 Lab File: BG042626.D
 Acq: 31 Aug 2019 9:27

Instrument :
 BNA_G
 ClientSampleId :
 PB122684BS

Tot Ion:146 Resp: 96332
 Ion Ratio Lower Upper
 146 100
 148 64.7 49.5 74.3
 111 36.7 28.1 42.1

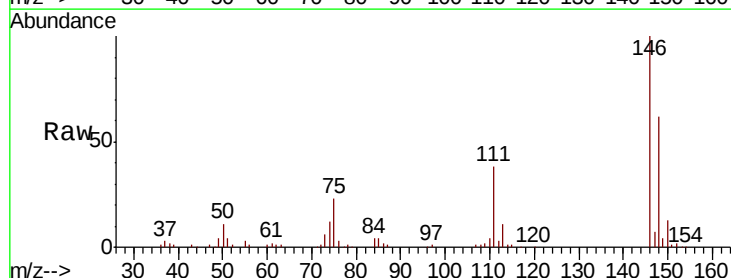


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

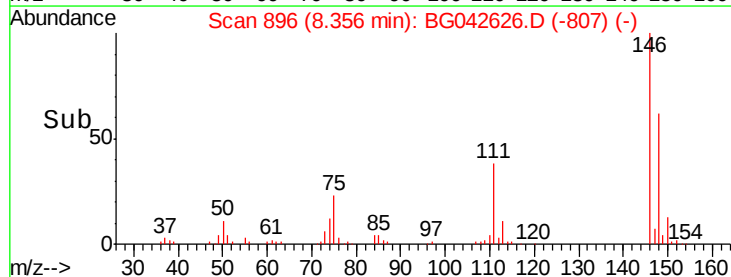
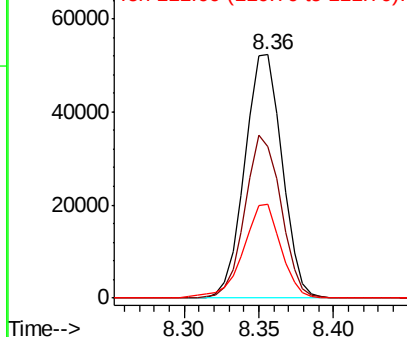


#14
 1,2-Dichlorobenzene
 Concen: 38.346 ng
 RT: 8.36 min Scan# 896
 Delta R.T. -0.01 min
 Lab File: BG042626.D
 Acq: 31 Aug 2019 9:27

Tgt Ion:146 Resp: 90368
 Ion Ratio Lower Upper
 146 100
 148 62.1 51.8 77.6
 111 38.5 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: 38.460 ng

RT: 8.24 min Scan# 876

Delta R.T. -0.01 min

Lab File: BG042626.D

Acq: 31 Aug 2019 9:27

Instrument :

BNA_G

ClientSampleId :

PB122684BS

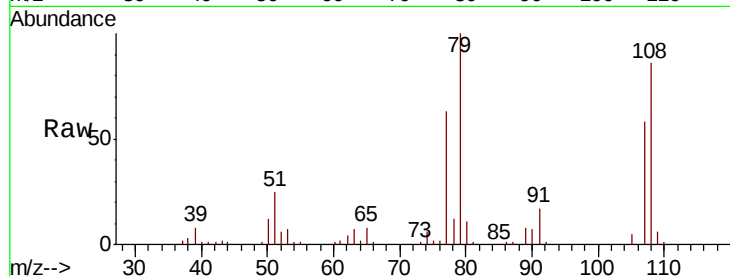
Tot Ion: 79 Resp: 58898

Ion Ratio Lower Upper

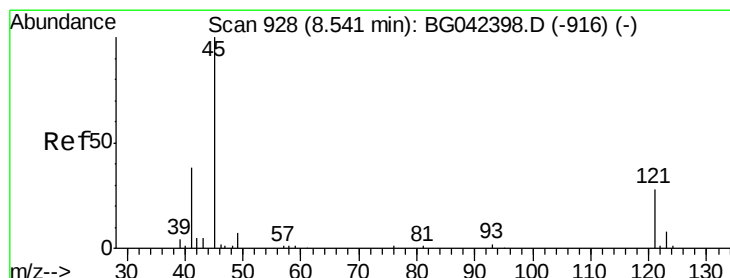
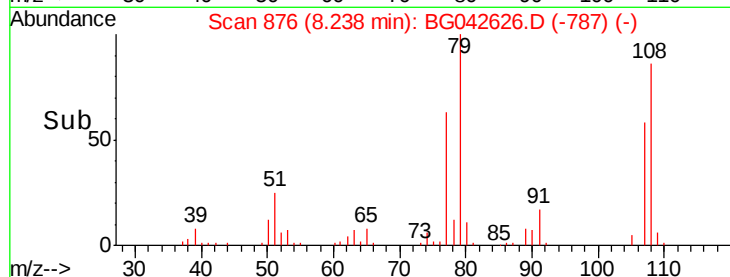
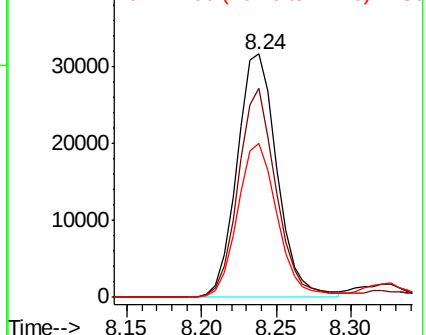
79 100

108 85.8 67.4 101.2

77 63.5 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: 34.494 ng

RT: 8.53 min Scan# 925

Delta R.T. -0.01 min

Lab File: BG042626.D

Acq: 31 Aug 2019 9:27

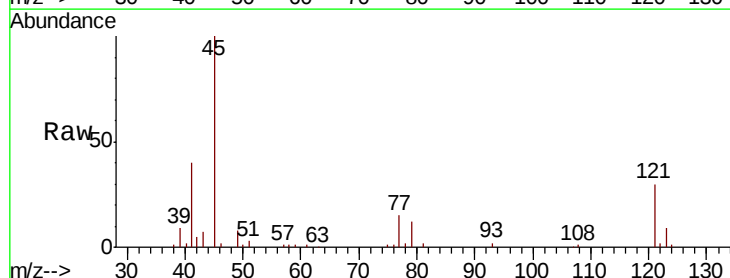
Tgt Ion: 45 Resp: 79465

Ion Ratio Lower Upper

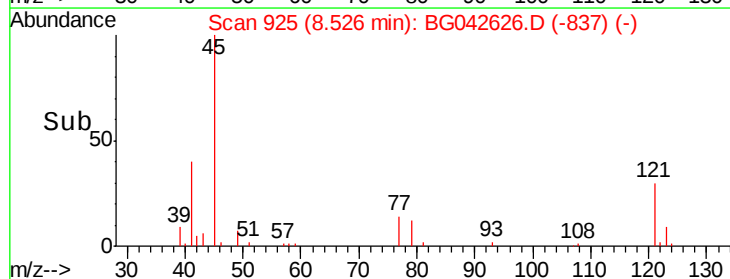
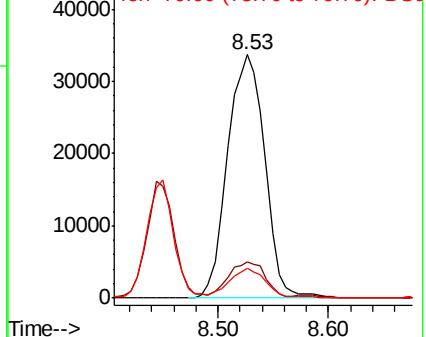
45 100

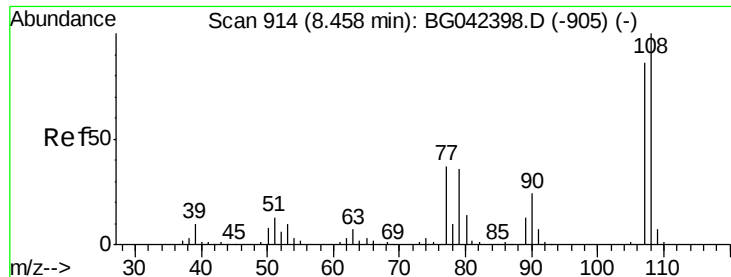
77 14.9 0.0 35.6

79 12.3 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

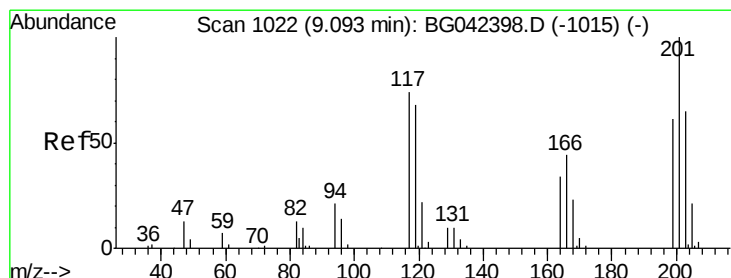
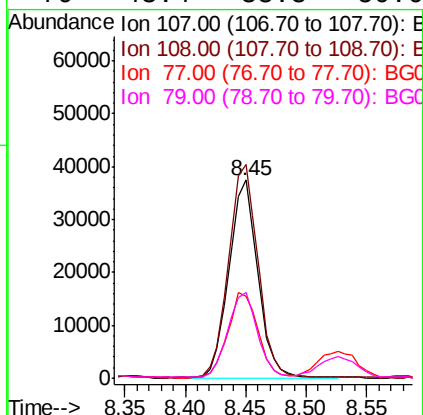
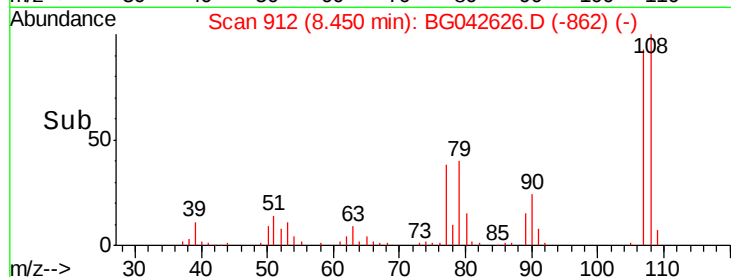
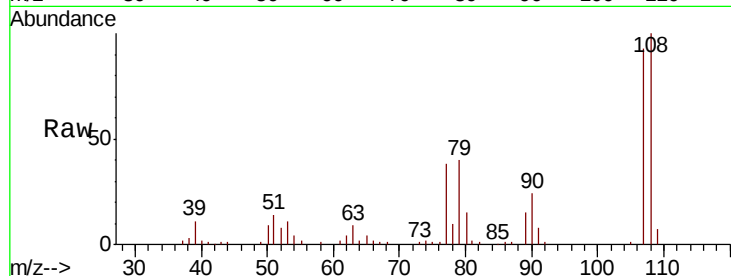




#17
2-Methylphenol
Concen: 39.648 ng
RT: 8.45 min Scan# 912
Delta R.T. -0.01 min
Lab File: BG042626.D
Acq: 31 Aug 2019 9:27

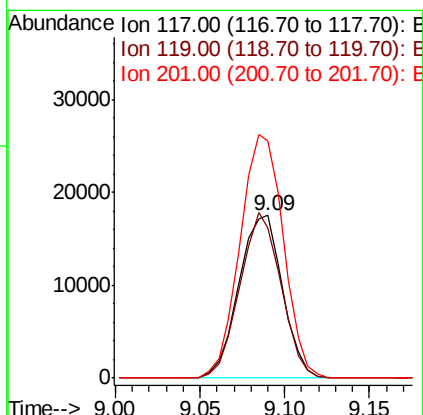
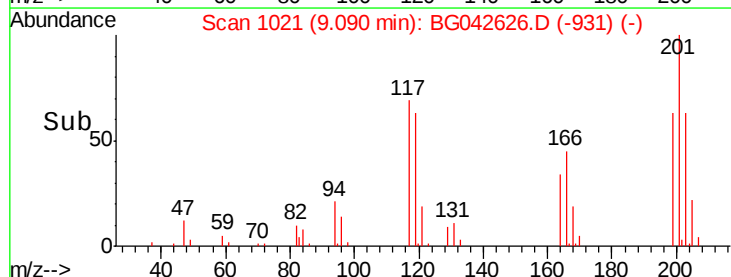
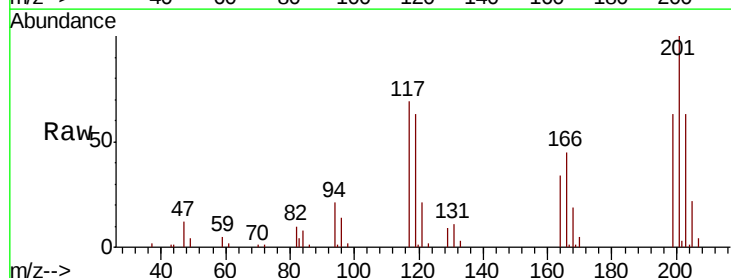
Instrument :
BNA_G
ClientSampleId :
PB122684BS

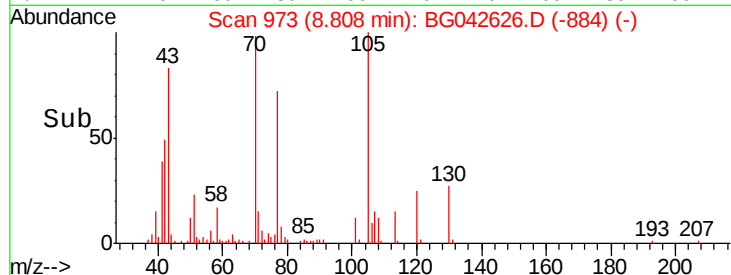
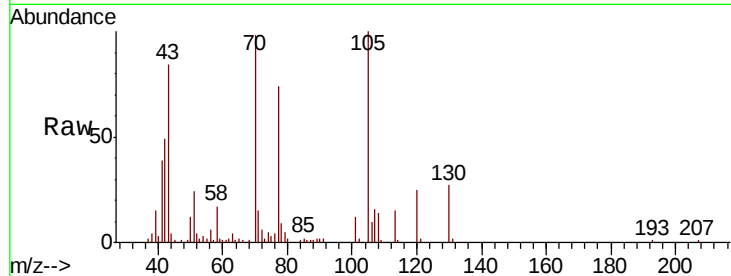
Tot Ion:	107	Resp:	63202
Ion	Ratio	Lower	Upper
107	100		
108	107.7	92.9	139.3
77	41.3	34.4	51.6
79	43.4	33.8	50.6



#18
Hexachloroethane
Concen: 37.290 ng
RT: 9.09 min Scan# 1021
Delta R.T. -0.00 min
Lab File: BG042626.D
Acq: 31 Aug 2019 9:27

Tgt Ion:	117	Resp:	31416
Ion	Ratio	Lower	Upper
117	100		
119	92.5	73.8	110.8
201	145.8	108.3	162.5

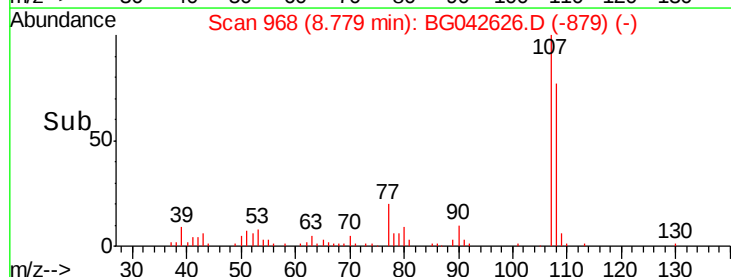
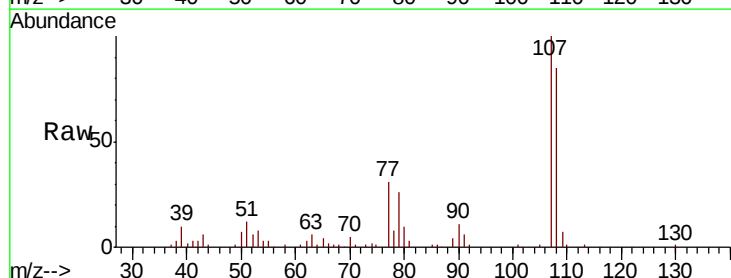
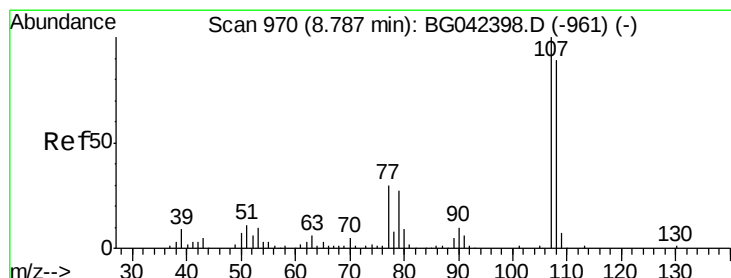
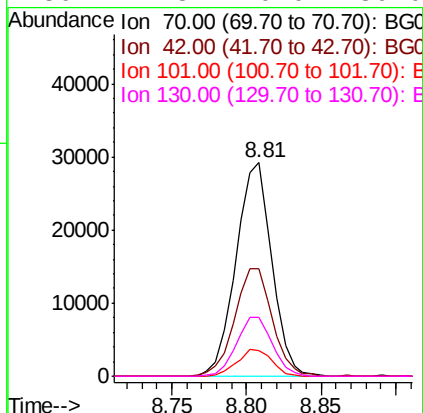




#19
n-Nitroso-di-n-propylamine
Concen: 35.219 ng
RT: 8.81 min Scan# 973
Delta R.T. -0.01 min
Lab File: BG042626.D
Acq: 31 Aug 2019 9:27

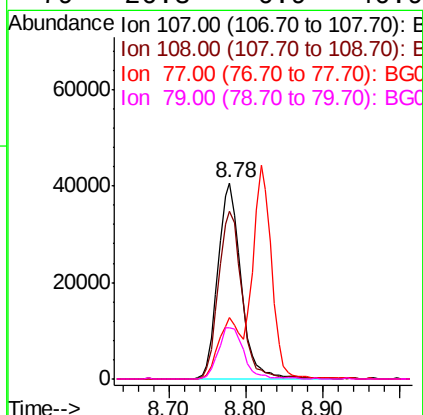
Instrument :
BNA_G
ClientSampleId :
PB122684BS

Tot Ion:	70	Resp:	48568
Ion	Ratio	Lower	Upper
70	100		
42	50.2	38.8	58.2
101	12.3	9.0	13.6
130	27.8	20.0	30.0



#20
3+4-Methylphenols
Concen: 38.277 ng
RT: 8.78 min Scan# 968
Delta R.T. -0.01 min
Lab File: BG042626.D
Acq: 31 Aug 2019 9:27

Tgt Ion:	107	Resp:	84430
Ion	Ratio	Lower	Upper
107	100		
108	85.2	68.7	108.7
77	31.5	10.2	50.2
79	26.3	6.9	46.9





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.82 min Scan# 1315

Delta R.T. -0.01 min

Lab File: BG042626.D

Acq: 31 Aug 2019 9:27

Instrument :

BNA_G

ClientSampleId :

PB122684BS

Tot Ion:136 Resp: 119354

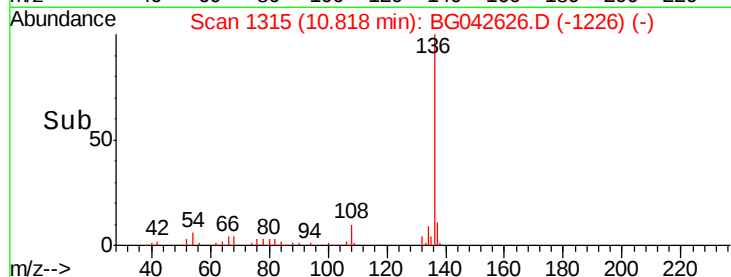
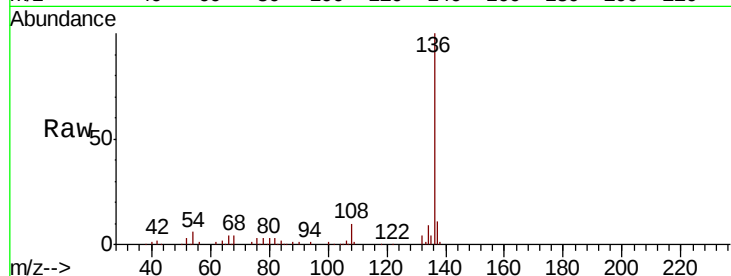
Ion Ratio Lower Upper

136 100

137 10.6 8.7 13.1

54 6.3 4.9 7.3

68 3.6 3.6 5.4

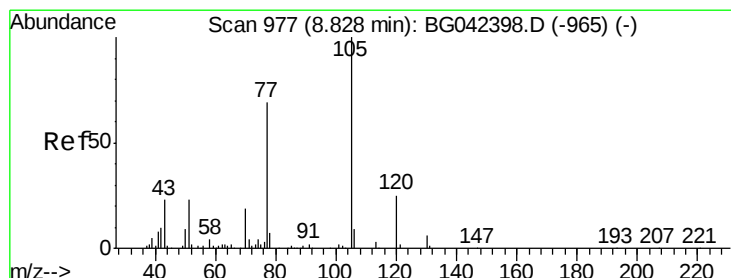
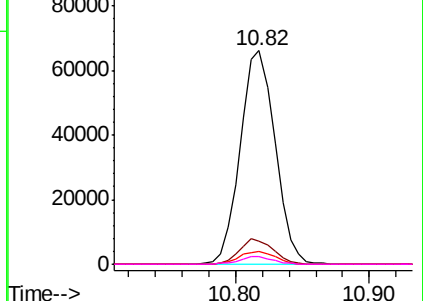


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 43.030 ng

RT: 8.82 min Scan# 975

Delta R.T. -0.01 min

Lab File: BG042626.D

Acq: 31 Aug 2019 9:27

Tgt Ion:105 Resp: 109845

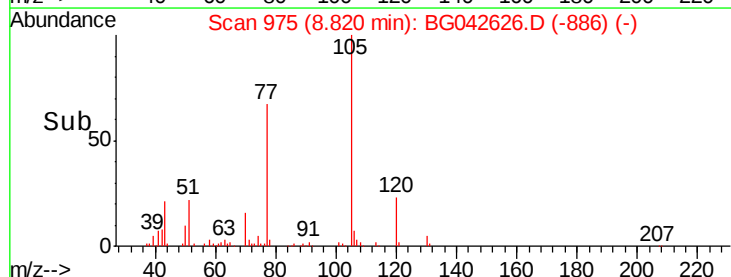
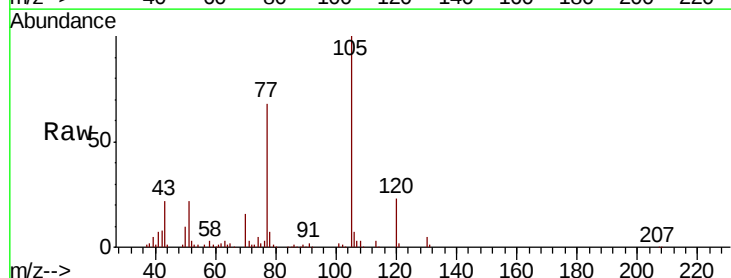
Ion Ratio Lower Upper

105 100

71 2.8 2.8 4.2#

51 22.3 18.7 28.1

120 23.1 20.1 30.1

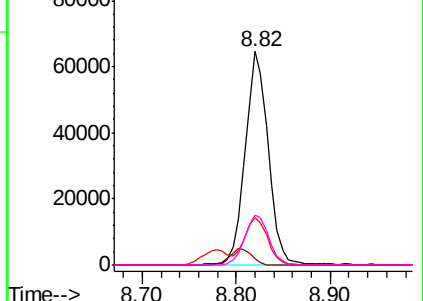


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

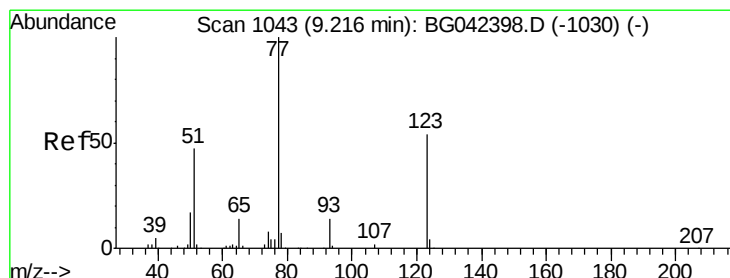
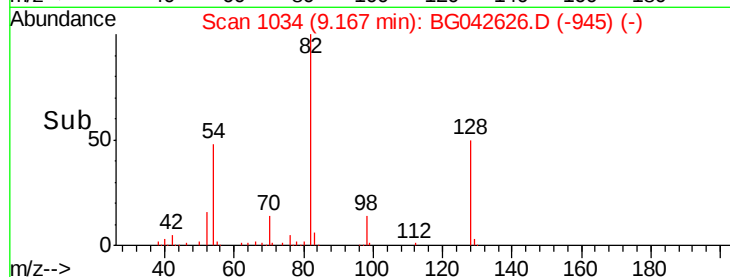
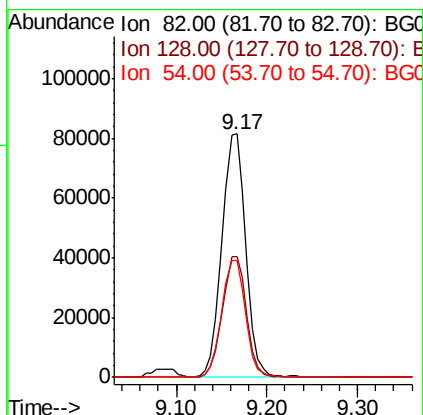
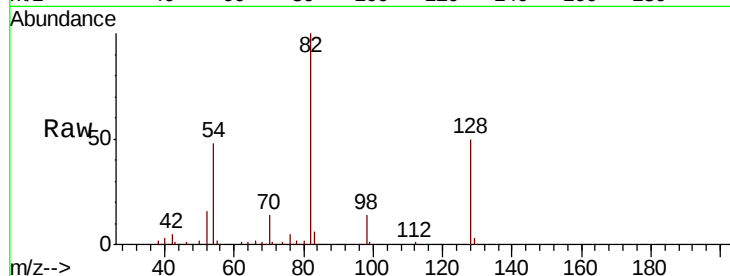




#23
 Nitrobenzene-d5
 Concen: 86.328 ng
 RT: 9.17 min Scan# 1034
 Delta R.T. -0.01 min
 Lab File: BG042626.D
 Acq: 31 Aug 2019 9:27

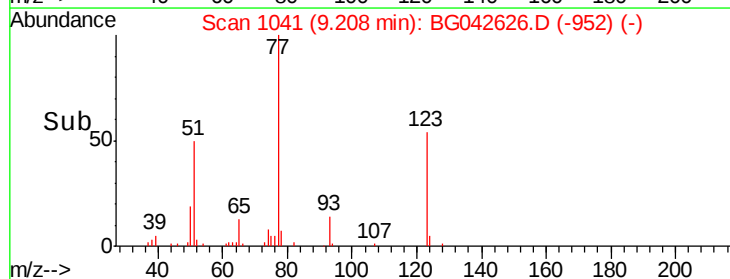
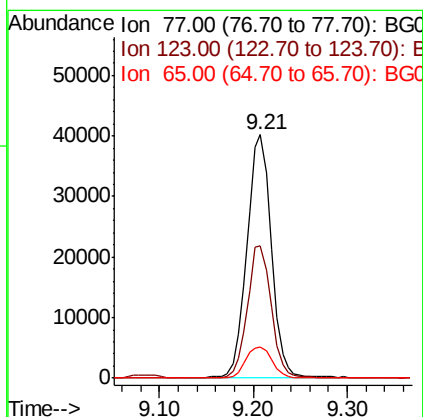
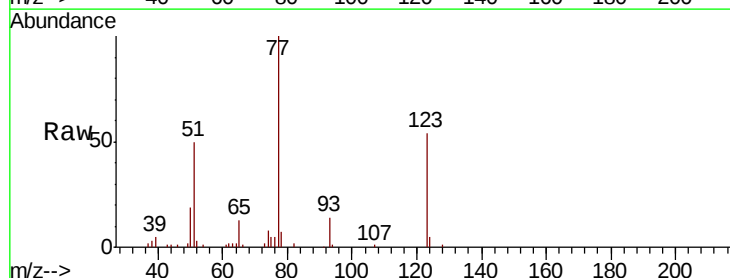
Instrument :
 BNA_G
 ClientSampleId :
 PB122684BS

Tot Ion	82	Resp	149102
Ion Ratio	Lower	Upper	
82	100		
128	49.8	40.7	61.1
54	47.9	36.3	54.5



#24
 Nitrobenzene
 Concen: 41.490 ng
 RT: 9.21 min Scan# 1041
 Delta R.T. -0.01 min
 Lab File: BG042626.D
 Acq: 31 Aug 2019 9:27

Tgt Ion	77	Resp	72566
Ion Ratio	Lower	Upper	
77	100		
123	54.2	43.4	65.0
65	12.9	11.0	16.6





#25

Isophorone

Concen: 39.301 ng

RT: 9.73 min Scan# 1130

Delta R.T. -0.01 min

Lab File: BG042626.D

Acq: 31 Aug 2019 9:27

Instrument :

BNA_G

ClientSampleId :

PB122684BS

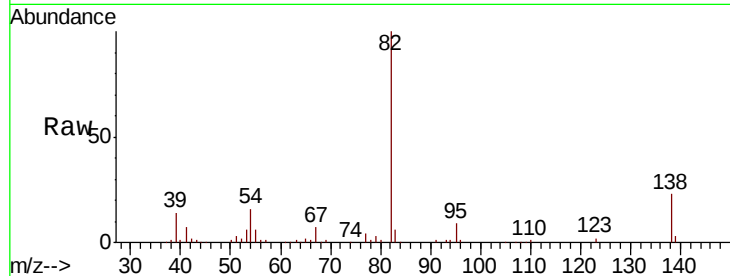
Tot Ion: 82 Resp: 133963

Ion Ratio Lower Upper

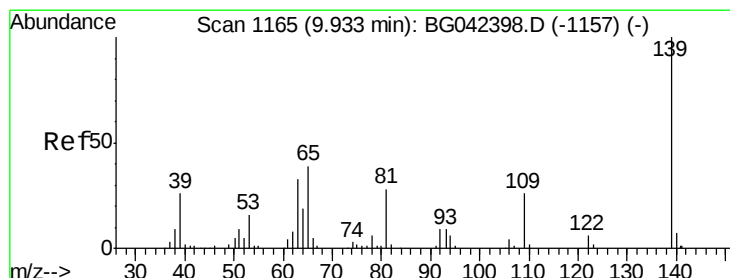
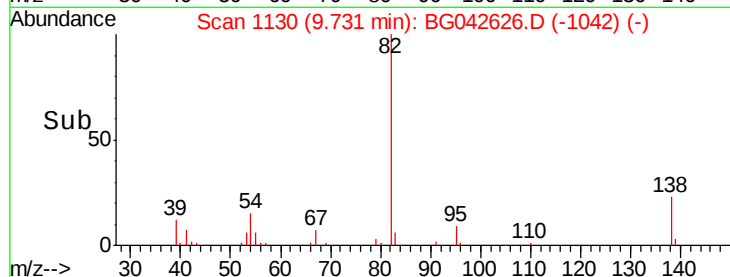
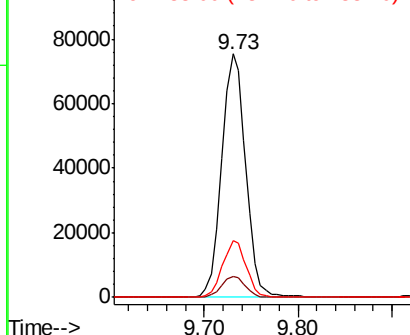
82 100

95 8.6 6.6 9.8

138 23.1 18.6 27.8



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC



#26

2-Nitrophenol

Concen: 43.802 ng

RT: 9.92 min Scan# 1163

Delta R.T. -0.01 min

Lab File: BG042626.D

Acq: 31 Aug 2019 9:27

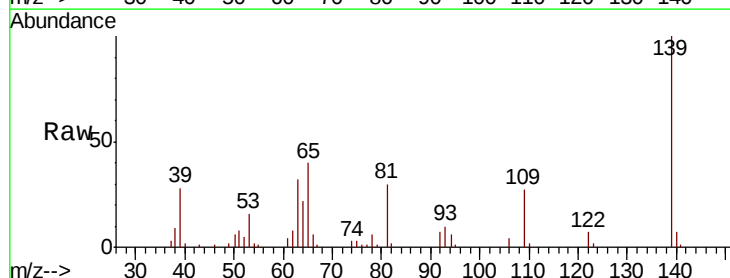
Tgt Ion: 139 Resp: 48009

Ion Ratio Lower Upper

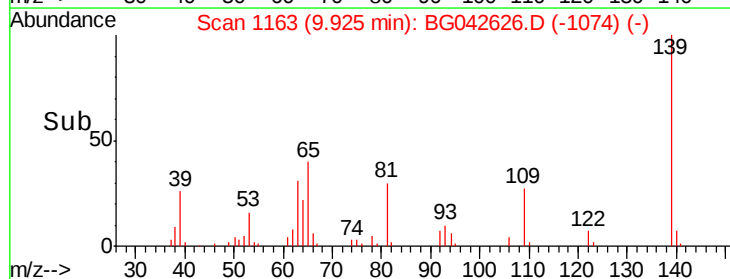
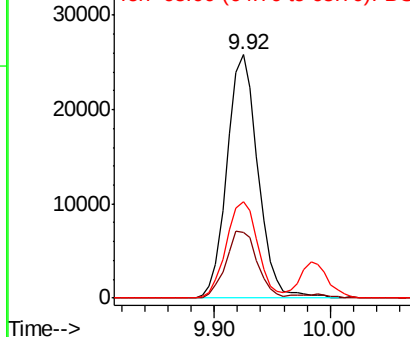
139 100

109 26.8 20.5 30.7

65 39.7 30.9 46.3



Abundance Ion 139.00 (138.70 to 139.70): BGC
Ion 109.00 (108.70 to 109.70): BGC
Ion 65.00 (64.70 to 65.70): BGC

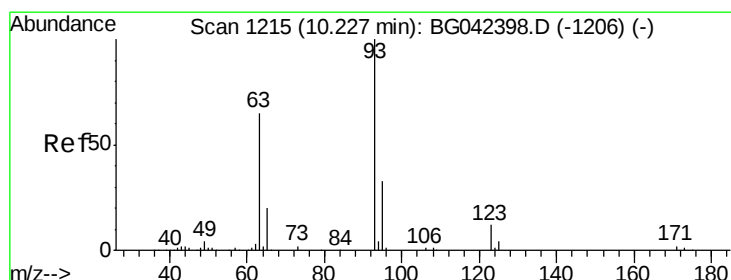
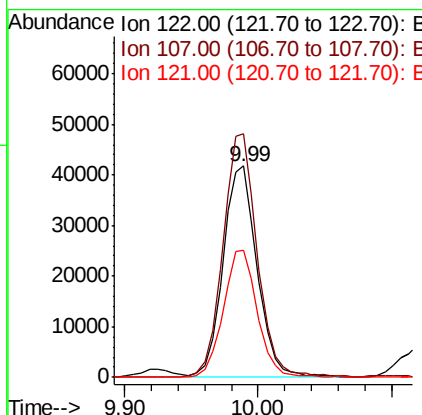
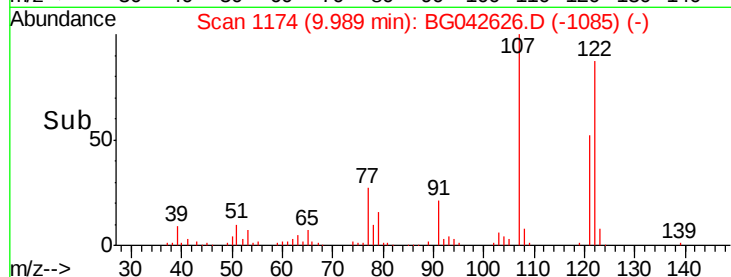
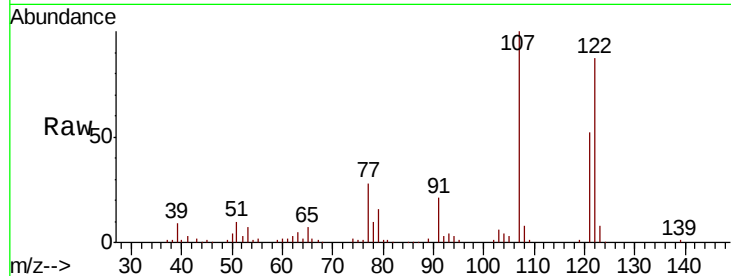




#27
 2,4-Dimethylphenol
 Concen: 48.686 ng
 RT: 9.99 min Scan# 1174
 Delta R.T. -0.01 min
 Lab File: BG042626.D
 Acq: 31 Aug 2019 9:27

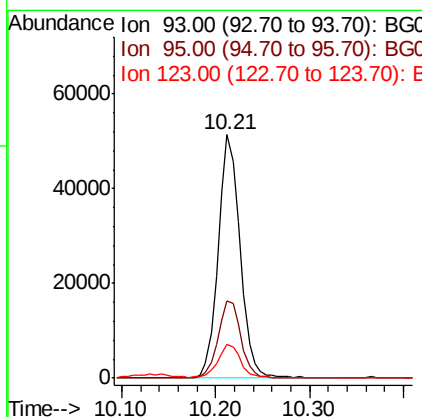
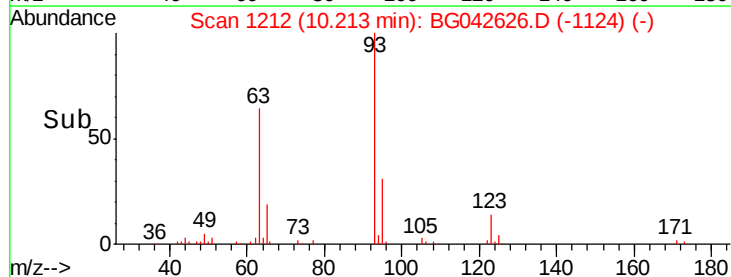
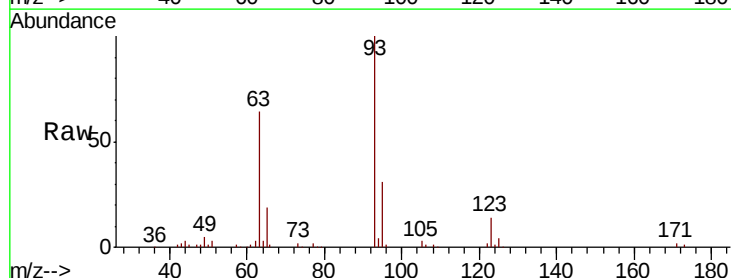
Instrument :
 BNA_G
 ClientSampleId :
 PB122684BS

Tot Ion:122 Resp: 73506
 Ion Ratio Lower Upper
 122 100
 107 115.4 90.8 136.2
 121 60.0 49.6 74.4



#28
 bis(2-Chloroethoxy)methane
 Concen: 38.942 ng
 RT: 10.21 min Scan# 1212
 Delta R.T. -0.01 min
 Lab File: BG042626.D
 Acq: 31 Aug 2019 9:27

Tgt Ion: 93 Resp: 83661
 Ion Ratio Lower Upper
 93 100
 95 31.5 26.6 40.0
 123 13.6 10.1 15.1

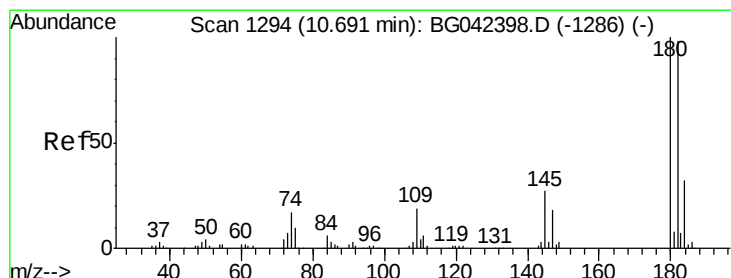
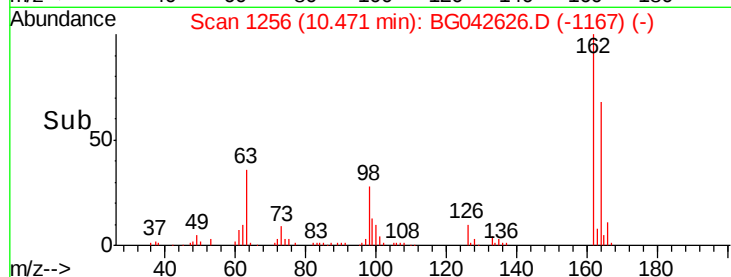
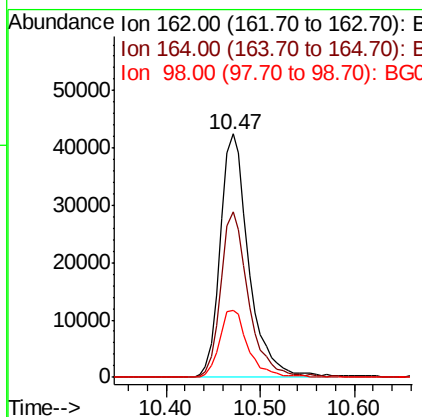
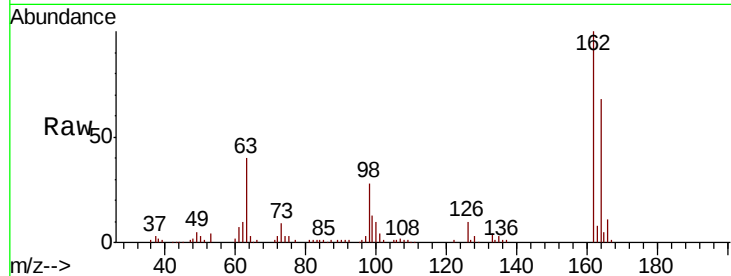




#29
 2,4-Dichlorophenol
 Concen: 45.432 ng
 RT: 10.47 min Scan# 1256
 Delta R.T. -0.01 min
 Lab File: BG042626.D
 Acq: 31 Aug 2019 9:27

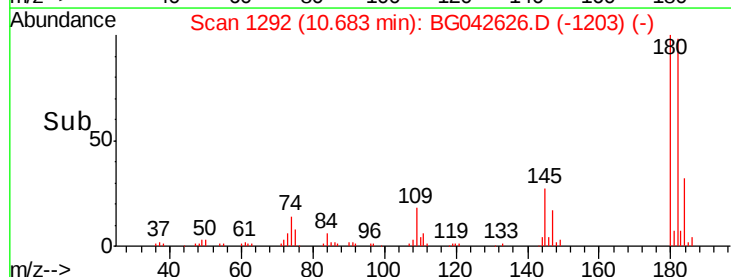
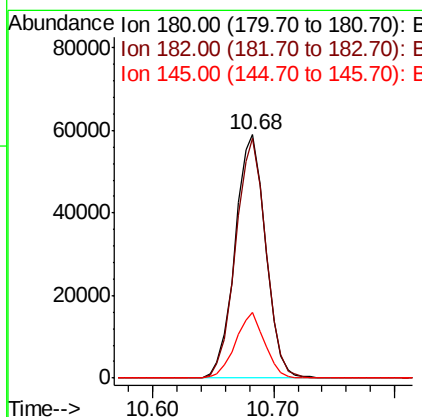
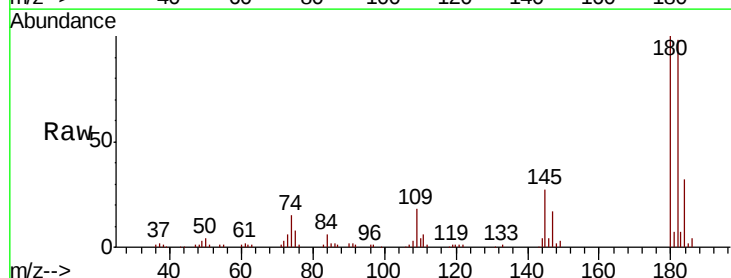
Instrument :
 BNA_G
 ClientSampled :
 PB122684BS

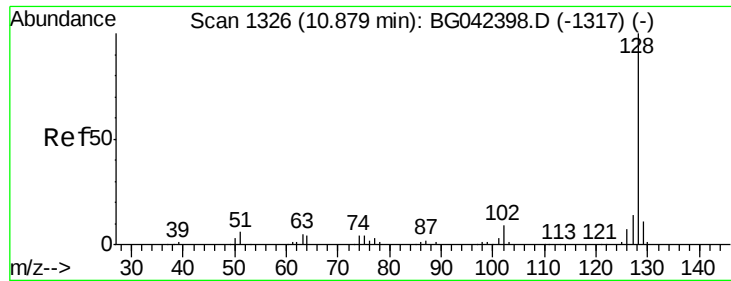
Tot Ion	162	Resp	89743
Ion	Ratio	Lower	Upper
162	100		
164	68.1	48.1	88.1
98	27.5	7.6	47.6



#30
 1,2,4-Trichlorobenzene
 Concen: 42.943 ng
 RT: 10.68 min Scan# 1292
 Delta R.T. -0.01 min
 Lab File: BG042626.D
 Acq: 31 Aug 2019 9:27

Tgt Ion	180	Resp	104121
Ion	Ratio	Lower	Upper
180	100		
182	98.4	78.7	118.1
145	26.9	21.6	32.4

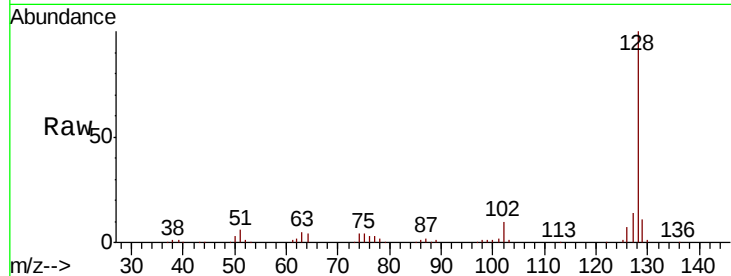




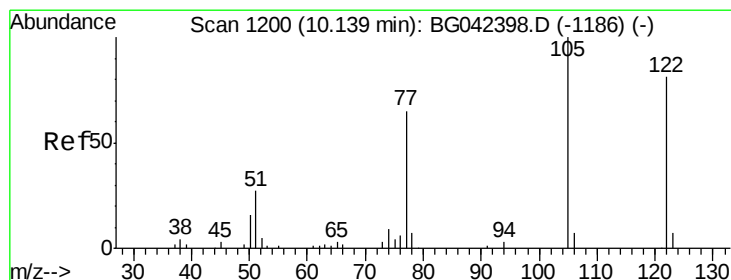
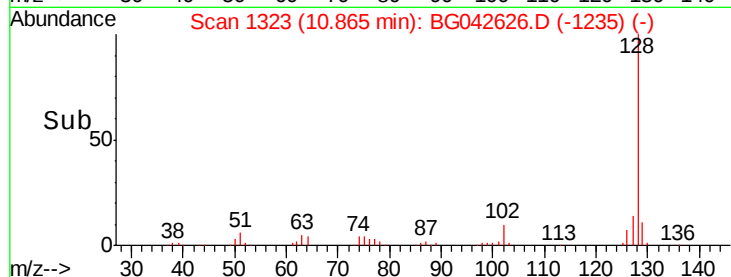
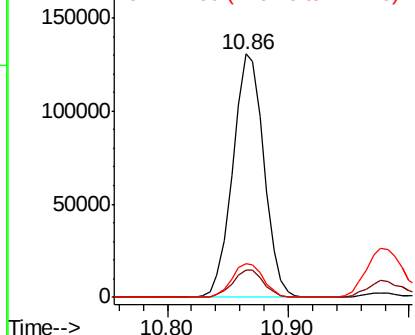
#31
Naphthalene
Concen: 42.380 ng
RT: 10.86 min Scan# 1323
Delta R.T. -0.01 min
Lab File: BG042626.D
Acq: 31 Aug 2019 9:27

Instrument :
BNA_G
ClientSampleId :
PB122684BS

Tot Ion:128 Resp: 234838
Ion Ratio Lower Upper
128 100
129 11.3 8.8 13.2
127 14.1 11.4 17.0

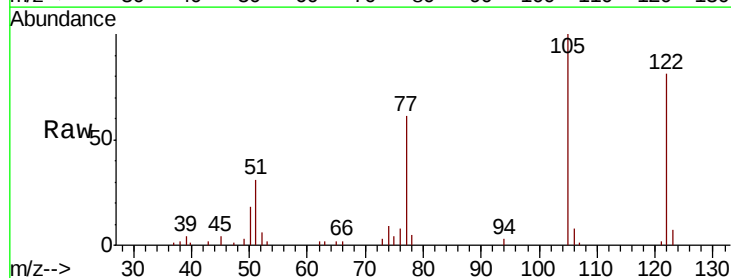


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

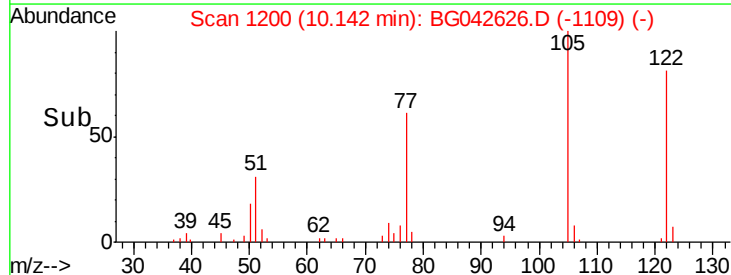
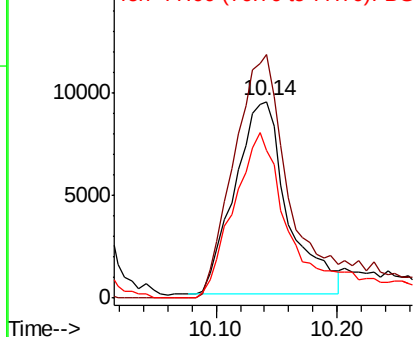


#32
Benzoic acid
Concen: 29.990 ng
RT: 10.14 min Scan# 1200
Delta R.T. 0.00 min
Lab File: BG042626.D
Acq: 31 Aug 2019 9:27

Tgt Ion:122 Resp: 28814
Ion Ratio Lower Upper
122 100
105 123.8 99.6 139.6
77 75.1 59.5 99.5



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BGC

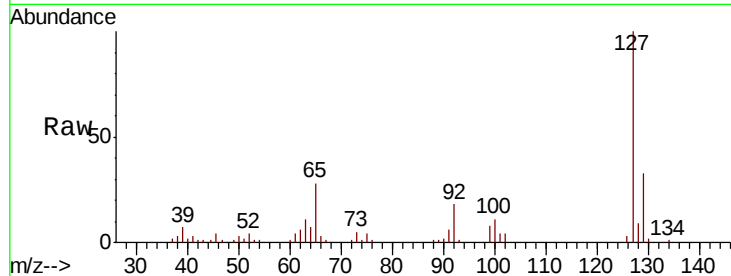




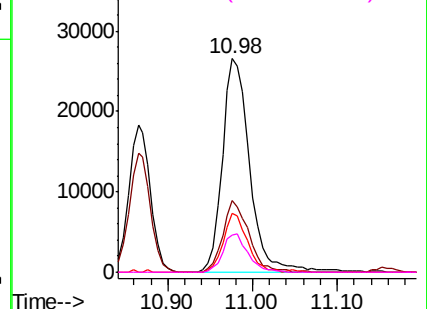
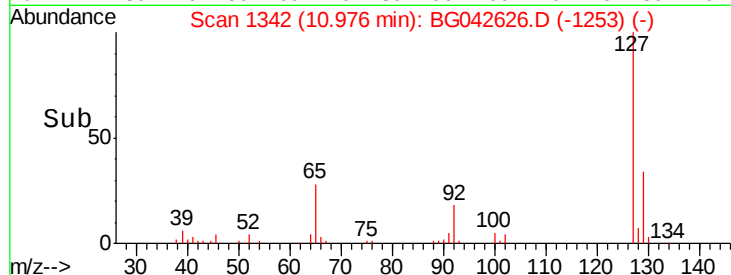
#33
4-Chloroaniline
Concen: 23.354 ng
RT: 10.98 min Scan# 1342
Delta R.T. -0.01 min
Lab File: BG042626.D
Acq: 31 Aug 2019 9:27

Instrument :
BNA_G
ClientSampleId :
PB122684BS

Tot Ion:	127	Resp:	59741
Ion	Ratio	Lower	Upper
127	100		
129	33.4	26.8	40.2
65	27.8	20.7	31.1
92	17.5	13.6	20.4

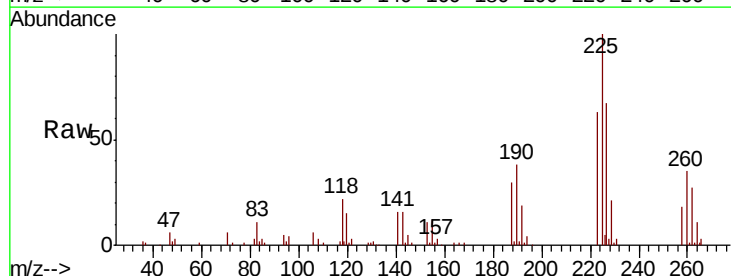


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

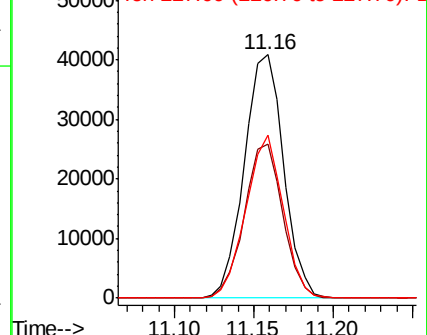
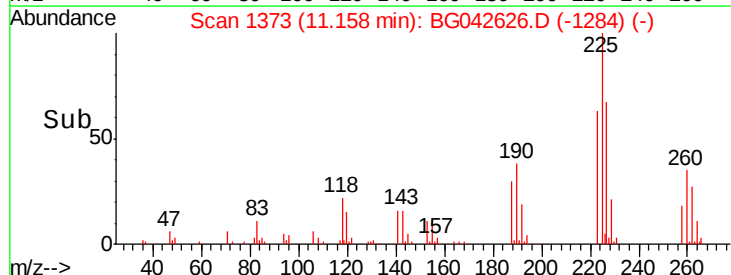


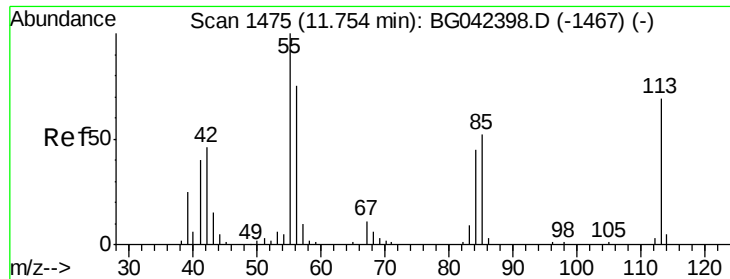
#34
Hexachlorobutadiene
Concen: 43.278 ng
RT: 11.16 min Scan# 1373
Delta R.T. -0.01 min
Lab File: BG042626.D
Acq: 31 Aug 2019 9:27

Tgt Ion:	225	Resp:	70521
Ion	Ratio	Lower	Upper
225	100		
223	63.4	49.8	74.6
227	69.8	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: 36.547 ng

RT: 11.75 min Scan# 1474

Delta R.T. -0.00 min

Lab File: BG042626.D

Acq: 31 Aug 2019 9:27

Instrument :

BNA_G

ClientSampleId :

PB122684BS

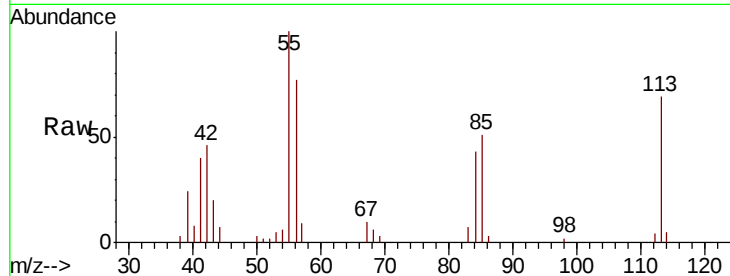
Tot Ion:113 Resp: 24089

Ion Ratio Lower Upper

113 100

55 145.3 124.6 164.6

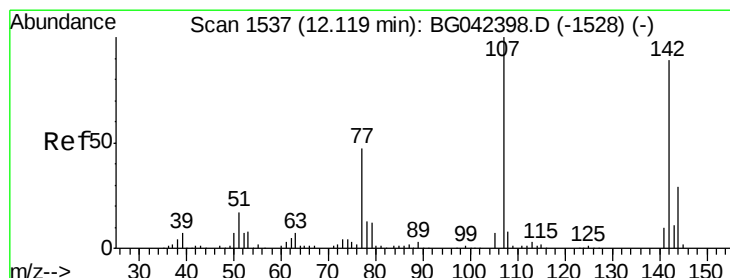
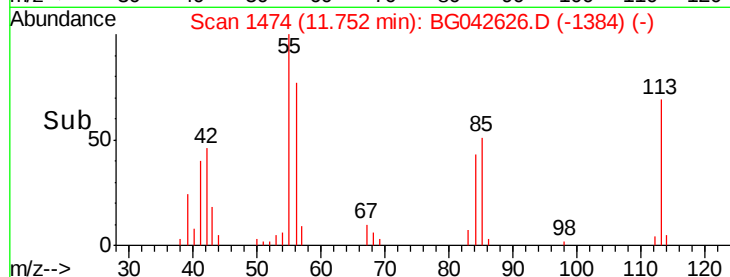
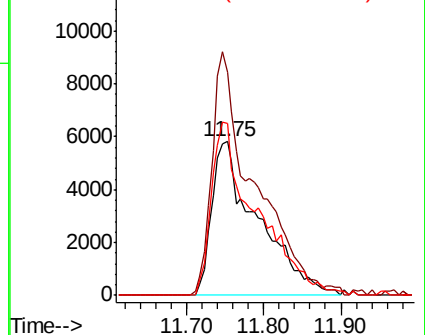
56 111.7 88.3 128.3



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 40.840 ng

RT: 12.11 min Scan# 1535

Delta R.T. -0.01 min

Lab File: BG042626.D

Acq: 31 Aug 2019 9:27

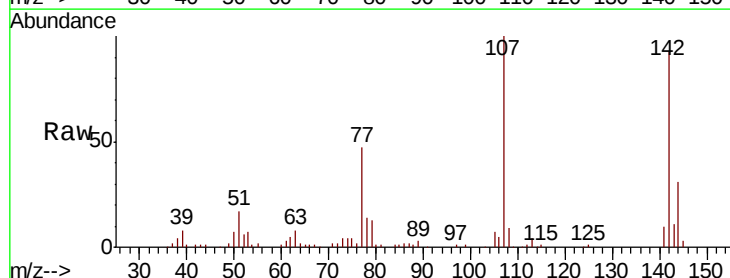
Tgt Ion:107 Resp: 76582

Ion Ratio Lower Upper

107 100

144 31.3 23.6 35.4

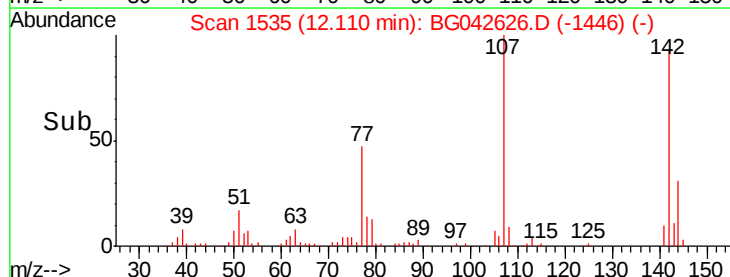
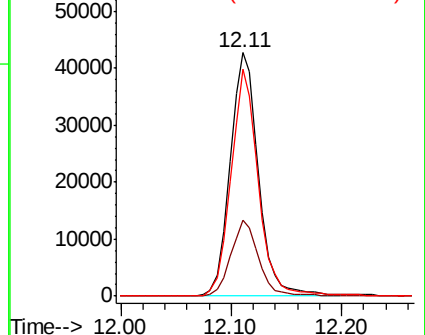
142 93.5 71.0 106.4



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

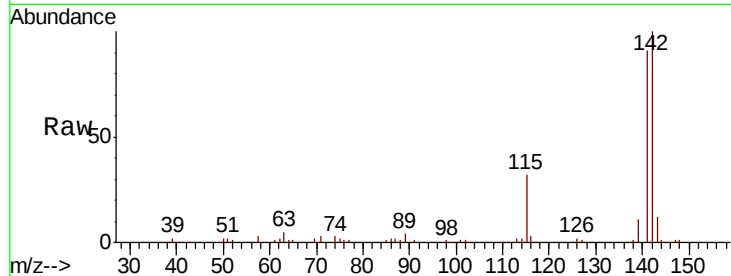




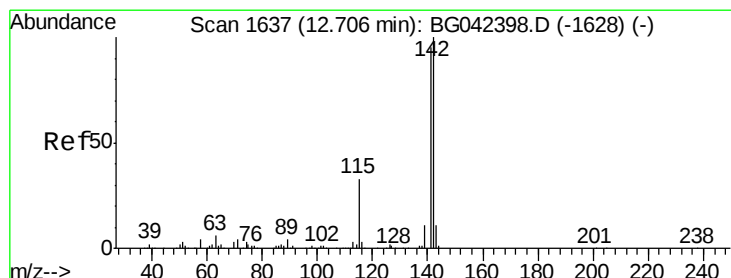
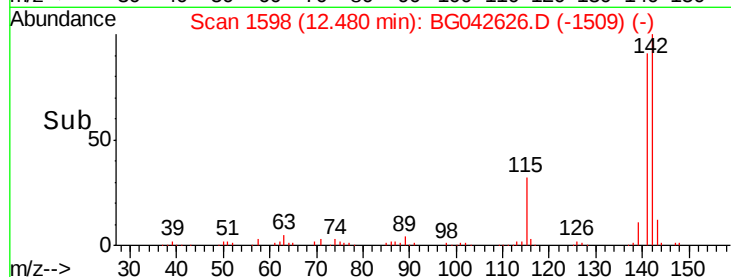
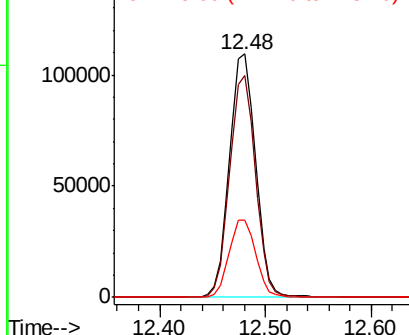
#37
2-Methylnaphthalene
Concen: 42.157 ng
RT: 12.48 min Scan# 1598
Delta R.T. -0.01 min
Lab File: BG042626.D
Acq: 31 Aug 2019 9:27

Instrument :
BNA_G
ClientSampled :
PB122684BS

Tot Ion:142 Resp: 187573
Ion Ratio Lower Upper
142 100
141 91.3 71.4 107.2
115 31.7 25.2 37.8

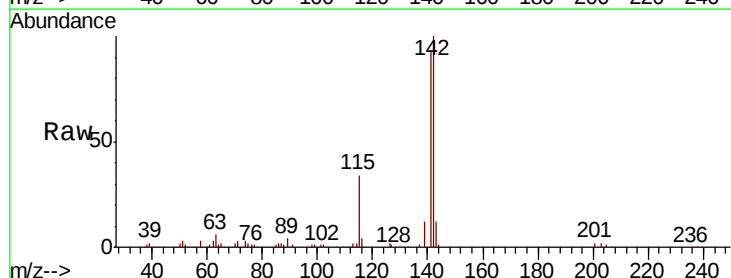


Abundance Ion 142.00 (141.70 to 142.70): E
150000
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

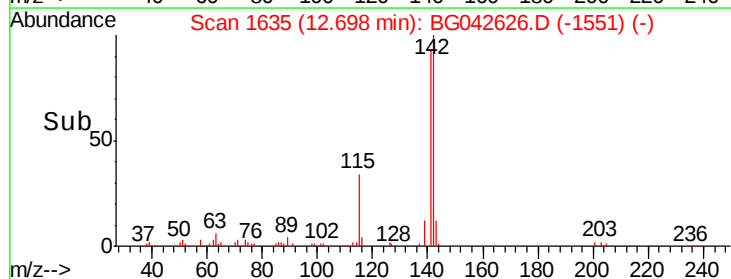
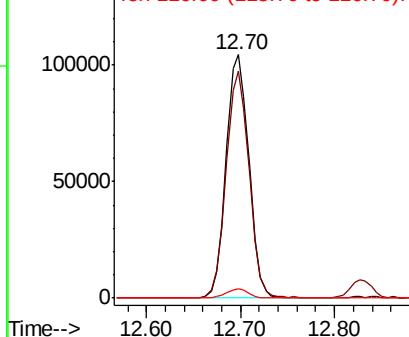


#38
1-Methylnaphthalene
Concen: 41.606 ng
RT: 12.70 min Scan# 1635
Delta R.T. -0.01 min
Lab File: BG042626.D
Acq: 31 Aug 2019 9:27

Tgt Ion:142 Resp: 175841
Ion Ratio Lower Upper
142 100
141 93.2 76.2 114.2
116 4.0 2.8 4.2



Abundance Ion 142.00 (141.70 to 142.70): E
100000
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: 14.65 min Scan# 1968

Delta R.T. -0.01 min

Lab File: BG042626.D

Acq: 31 Aug 2019 9:27

Instrument :

BNA_G

ClientSampleId :

PB122684BS

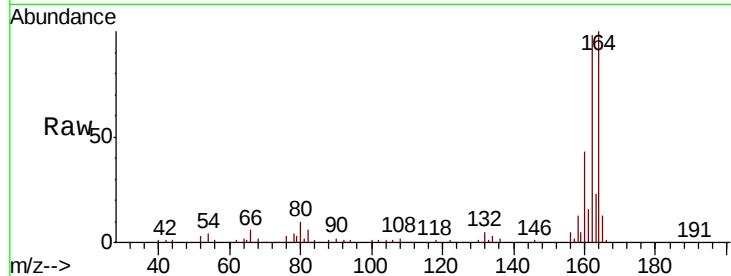
Tot Ion:164 Resp: 78468

Ion Ratio Lower Upper

164 100

162 98.3 79.9 119.9

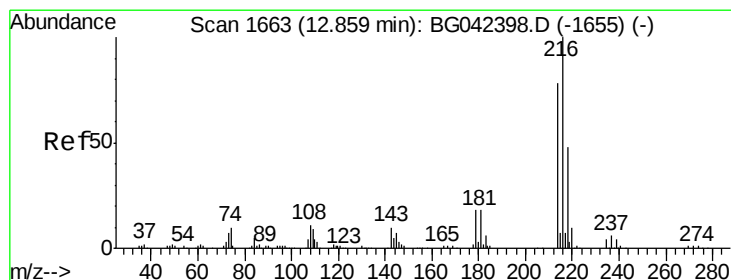
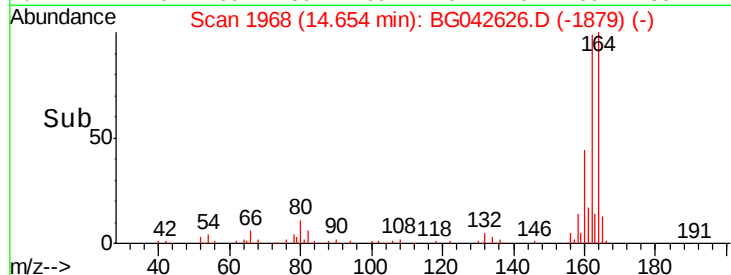
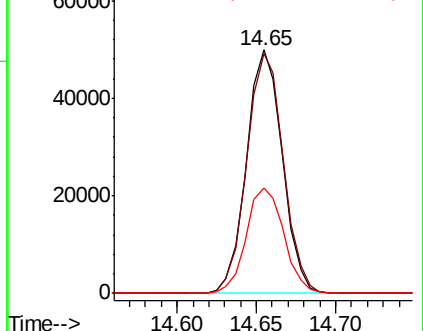
160 43.4 34.3 51.5



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: 51.293 ng

RT: 12.85 min Scan# 1661

Delta R.T. -0.01 min

Lab File: BG042626.D

Acq: 31 Aug 2019 9:27

Tgt Ion:216 Resp: 129253

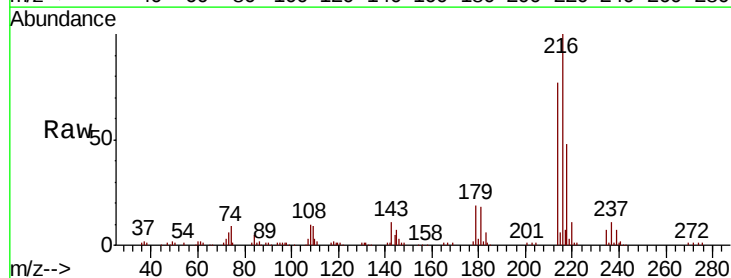
Ion Ratio Lower Upper

216 100

214 76.2 61.4 92.2

179 18.5 15.1 22.7

108 12.4 9.4 14.0

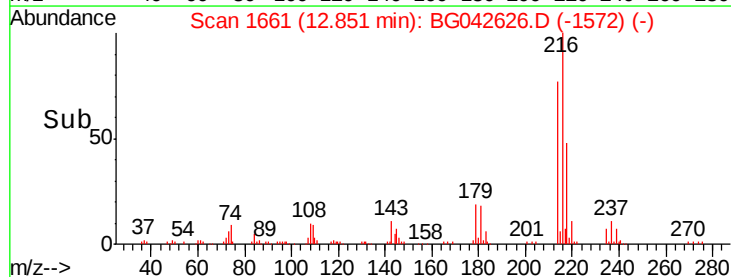
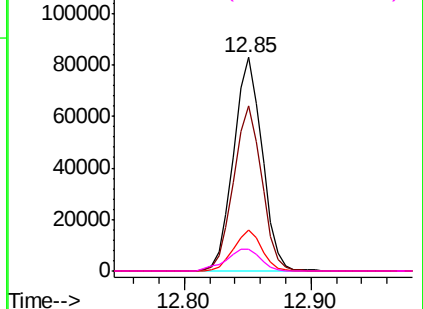


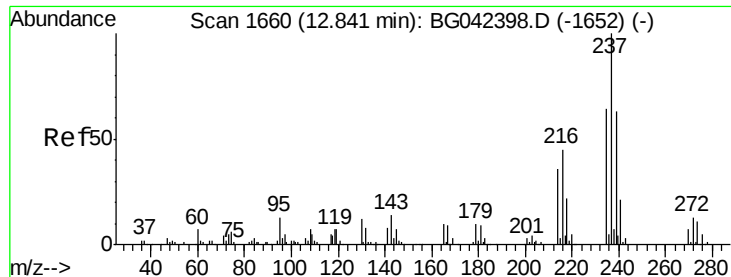
Abundance Ion 216.00 (215.70 to 216.70): E

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: 103.884 ng

RT: 12.83 min Scan# 1658

Delta R.T. -0.01 min

Lab File: BG042626.D

Acq: 31 Aug 2019 9:27

Instrument :

BNA_G

ClientSampleId :

PB122684BS

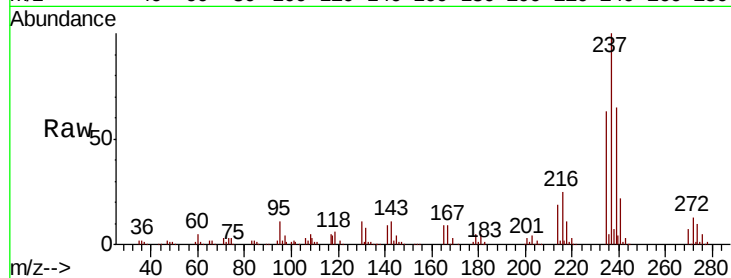
Tot Ion:237 Resp: 137508

Ion Ratio Lower Upper

237 100

235 62.6 43.7 83.7

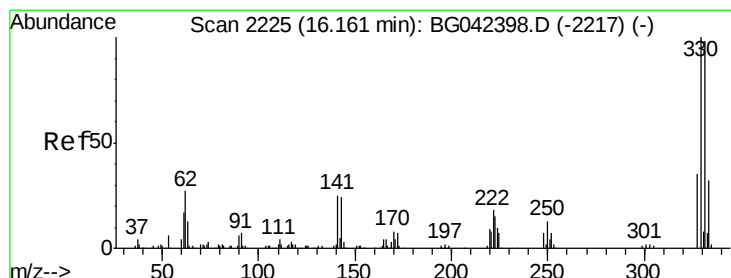
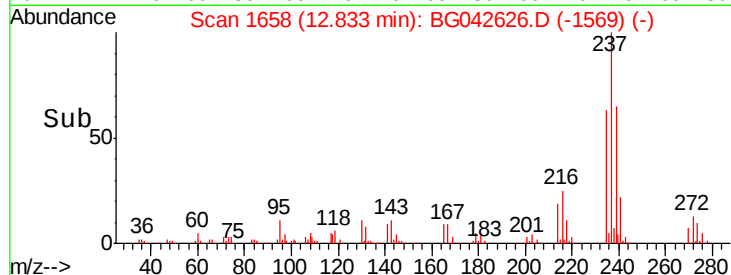
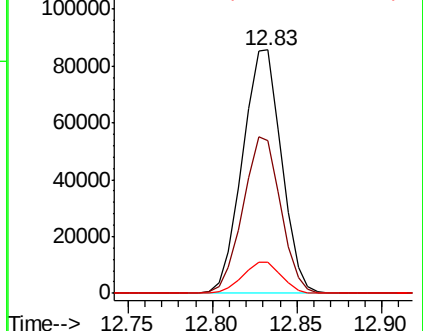
272 12.7 0.0 33.3



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: 93.582 ng

RT: 16.15 min Scan# 2222

Delta R.T. -0.01 min

Lab File: BG042626.D

Acq: 31 Aug 2019 9:27

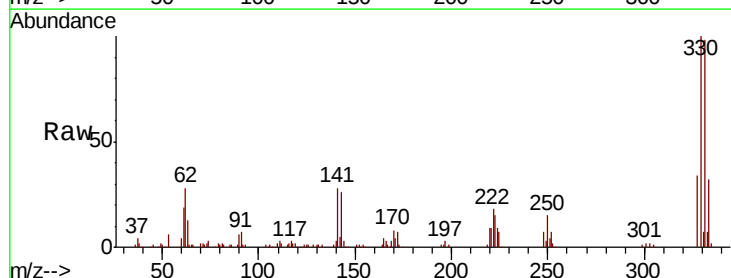
Tgt Ion:330 Resp: 104371

Ion Ratio Lower Upper

330 100

332 96.5 77.4 116.0

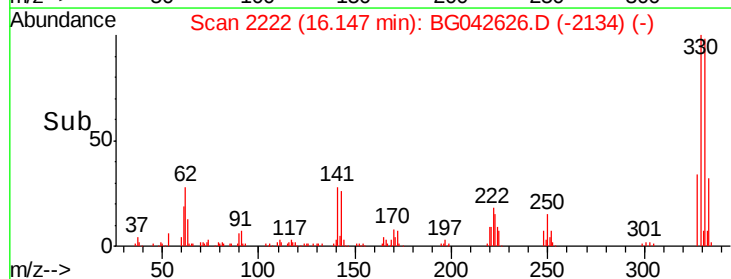
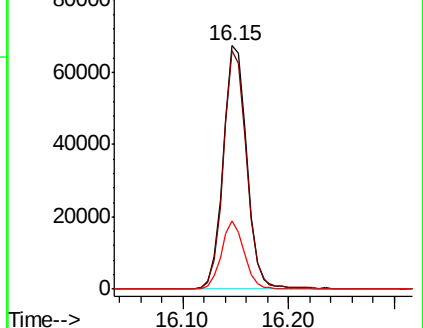
141 26.7 21.4 32.0

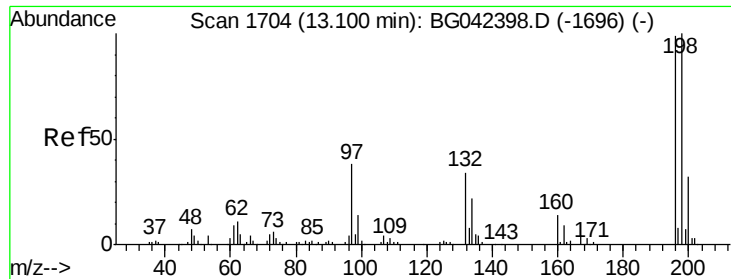


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

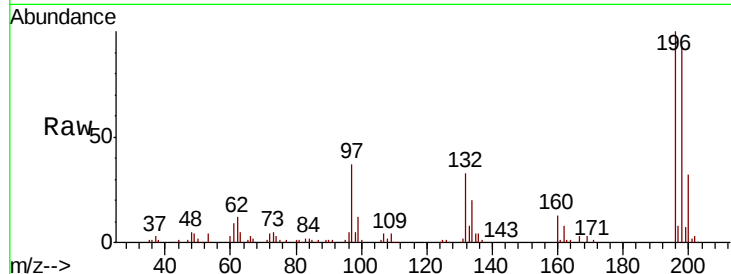




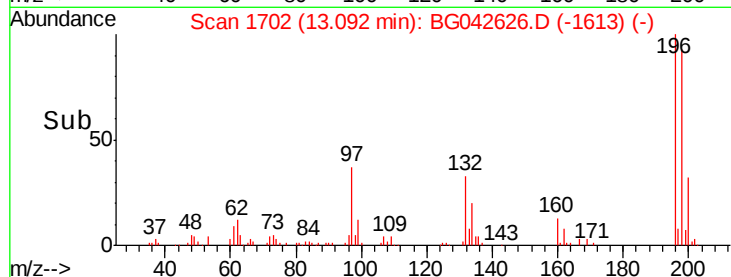
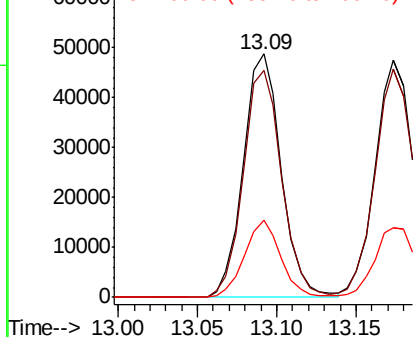
#43
 2,4,6-Trichlorophenol
 Concen: 47.565 ng
 RT: 13.09 min Scan# 1702
 Delta R.T. -0.01 min
 Lab File: BG042626.D
 Acq: 31 Aug 2019 9:27

Instrument :
 BNA_G
 ClientSampleId :
 PB122684BS

Tot Ion:196 Resp: 81016
 Ion Ratio Lower Upper
 196 100
 198 93.0 80.7 121.1
 200 31.7 25.7 38.5

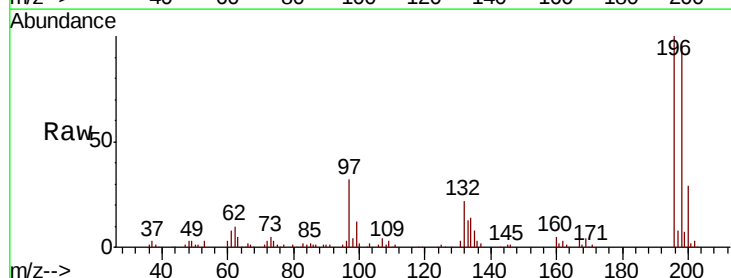


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

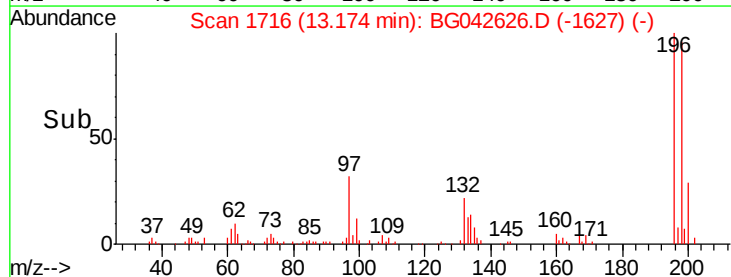
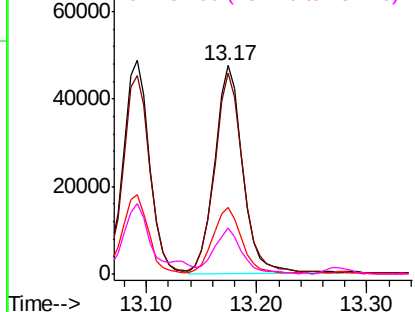


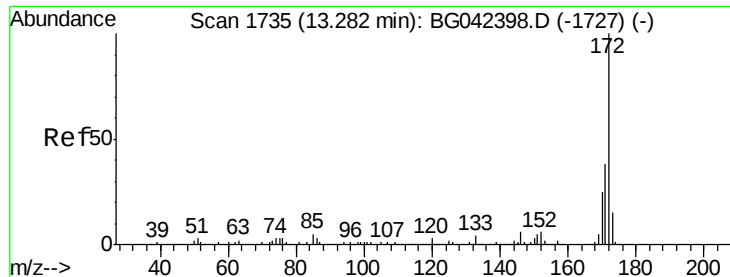
#44
 2,4,5-Trichlorophenol
 Concen: 47.535 ng
 RT: 13.17 min Scan# 1716
 Delta R.T. -0.01 min
 Lab File: BG042626.D
 Acq: 31 Aug 2019 9:27

Tgt Ion:196 Resp: 83903
 Ion Ratio Lower Upper
 196 100
 198 96.4 80.2 120.4
 97 32.2 26.3 39.5
 132 21.9 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

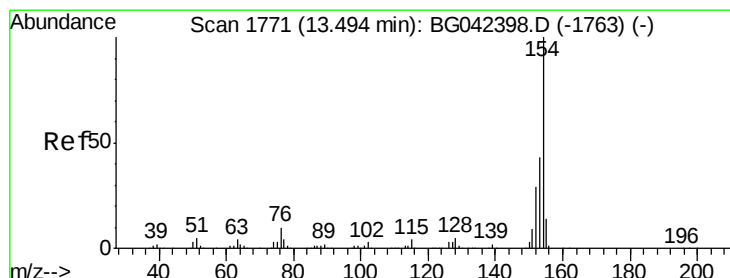
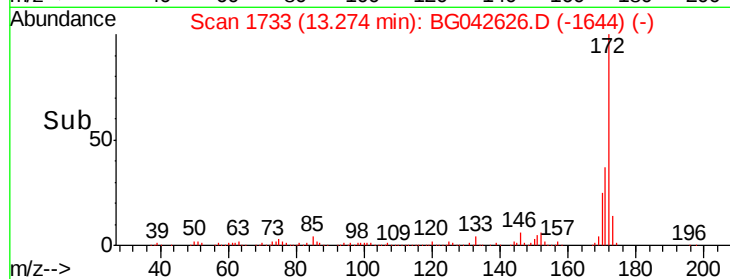
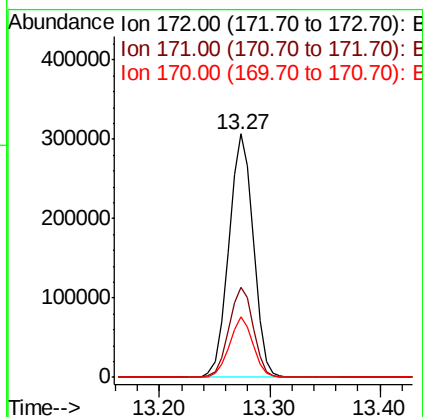
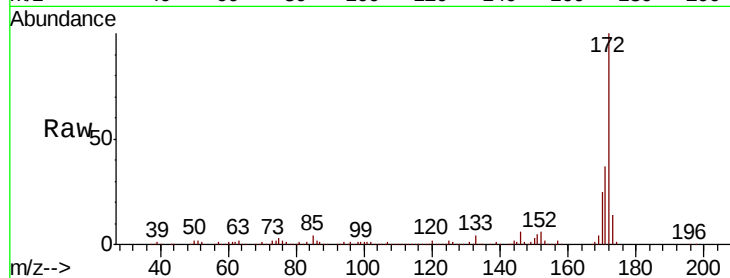




#45
 2-Fluorobiphenyl
 Concen: 102.821 ng
 RT: 13.27 min Scan# 1733
 Delta R.T. -0.01 min
 Lab File: BG042626.D
 Acq: 31 Aug 2019 9:27

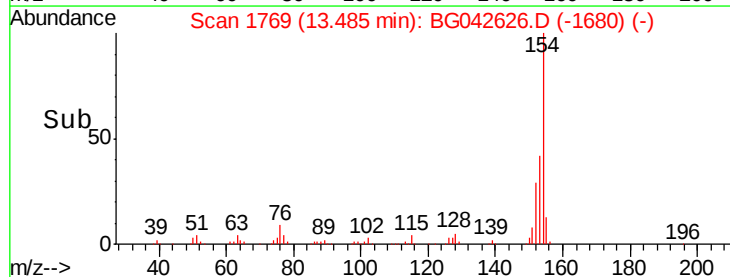
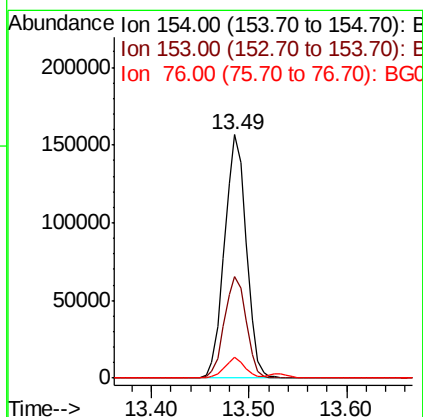
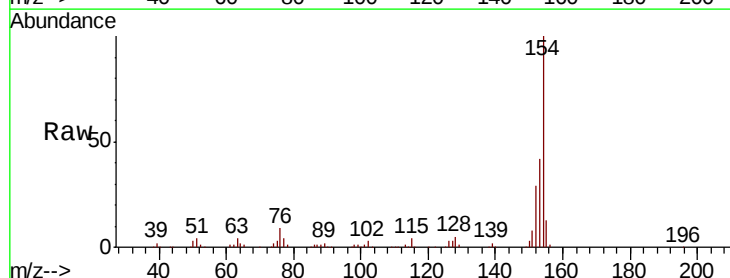
Instrument :
 BNA_G
 ClientSampleId :
 PB122684BS

Tot Ion:172 Resp: 477041
 Ion Ratio Lower Upper
 172 100
 171 37.1 30.5 45.7
 170 25.1 20.2 30.2



#46
 1,1'-Biphenyl
 Concen: 47.737 ng
 RT: 13.49 min Scan# 1769
 Delta R.T. -0.01 min
 Lab File: BG042626.D
 Acq: 31 Aug 2019 9:27

Tgt Ion:154 Resp: 242135
 Ion Ratio Lower Upper
 154 100
 153 41.9 23.0 63.0
 76 8.6 0.0 29.6





#47

2-Chloronaphthalene

Concen: 45.628 ng

RT: 13.53 min Scan# 1777

Delta R.T. -0.01 min

Lab File: BG042626.D

Acq: 31 Aug 2019 9:27

Instrument :

BNA_G

ClientSampleId :

PB122684BS

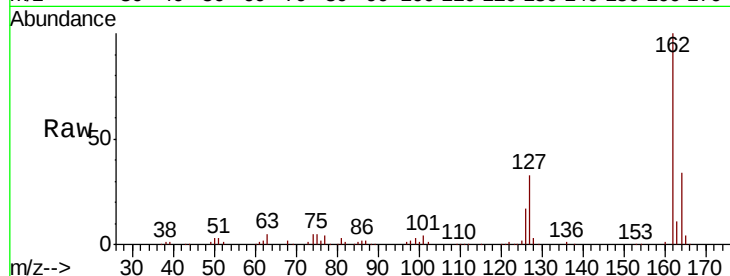
Tot Ion:162 Resp: 199558

Ion Ratio Lower Upper

162 100

127 32.6 26.0 39.0

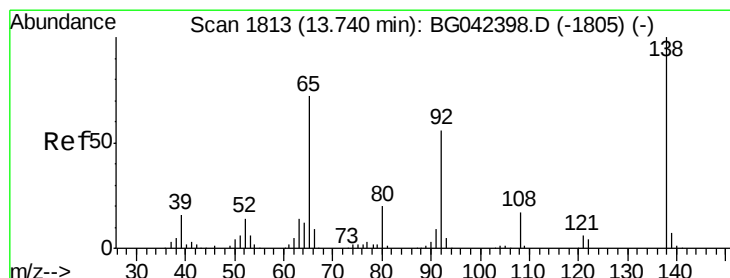
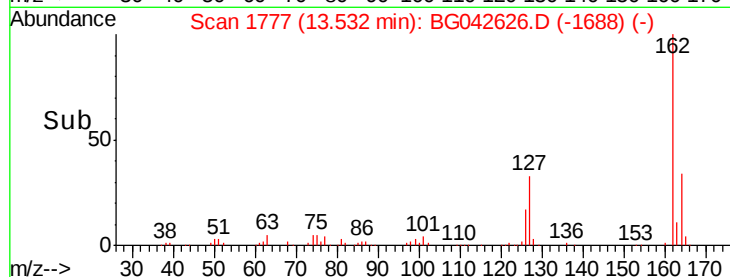
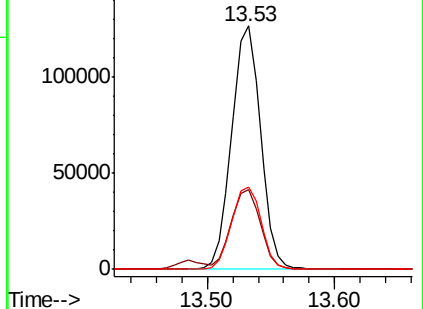
164 33.7 27.4 41.0



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 40.043 ng

RT: 13.73 min Scan# 1811

Delta R.T. -0.01 min

Lab File: BG042626.D

Acq: 31 Aug 2019 9:27

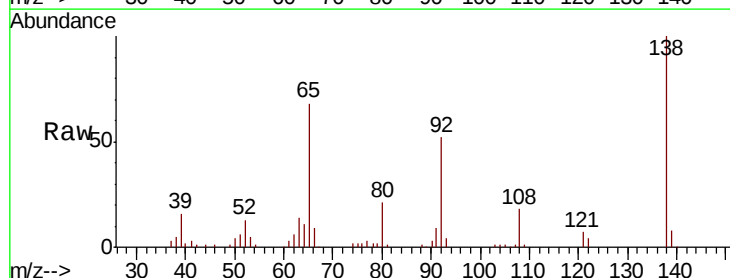
Tgt Ion: 65 Resp: 42232

Ion Ratio Lower Upper

65 100

92 77.2 61.8 92.6

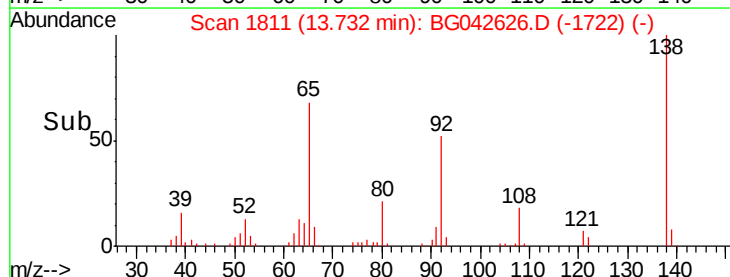
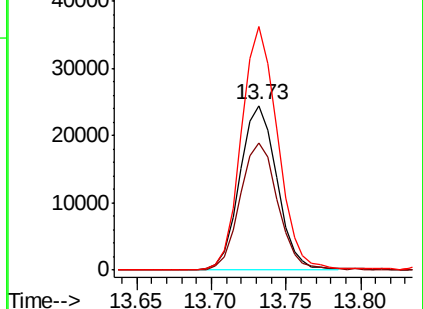
138 147.8 111.0 166.6

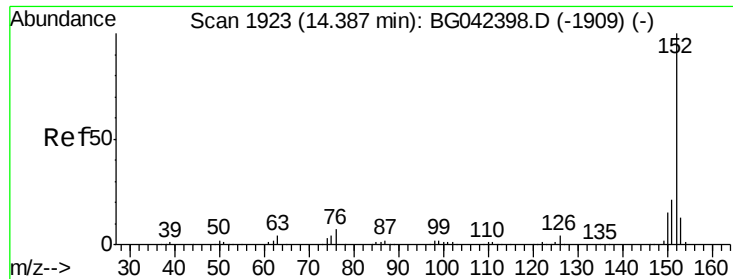


Abundance Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 46.716 ng

RT: 14.38 min Scan# 1921

Delta R.T. -0.01 min

Lab File: BG042626.D

Acq: 31 Aug 2019 9:27

Instrument :

BNA_G

ClientSampleId :

PB122684BS

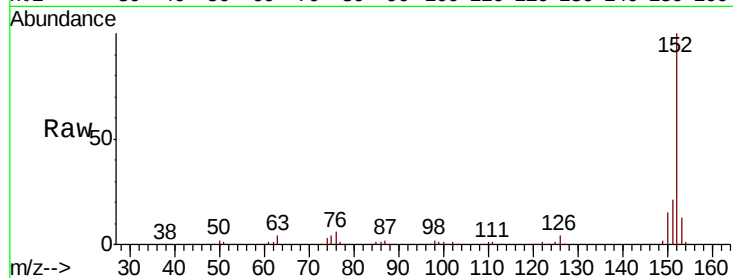
Tot Ion:152 Resp: 307388

Ion Ratio Lower Upper

152 100

151 20.7 17.0 25.4

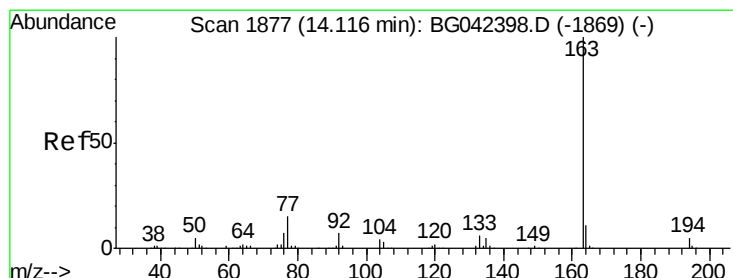
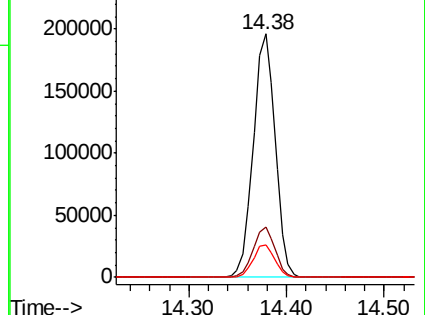
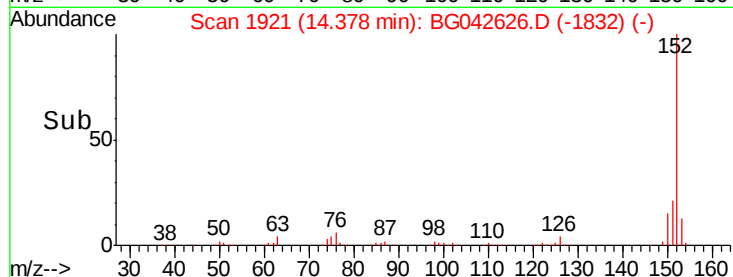
153 13.3 10.6 16.0



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: 44.742 ng

RT: 14.11 min Scan# 1875

Delta R.T. -0.01 min

Lab File: BG042626.D

Acq: 31 Aug 2019 9:27

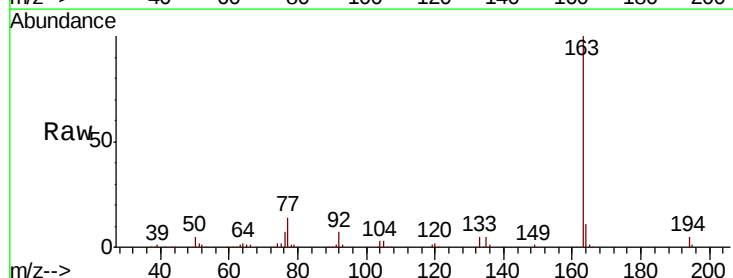
Tgt Ion:163 Resp: 253318

Ion Ratio Lower Upper

163 100

194 4.9 4.2 6.2

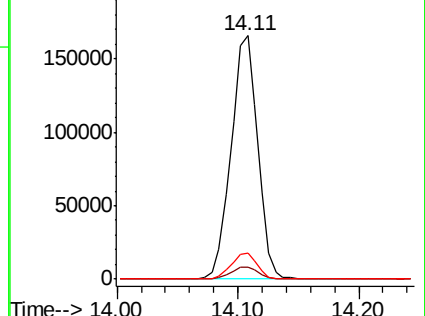
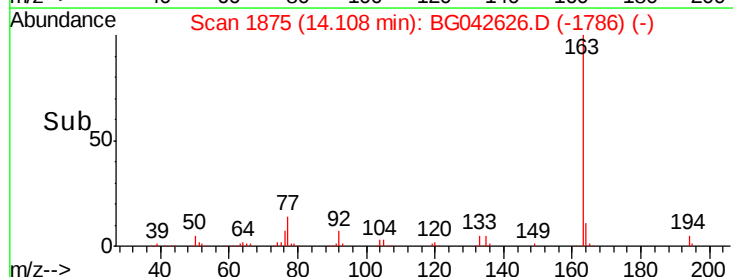
164 10.6 8.8 13.2

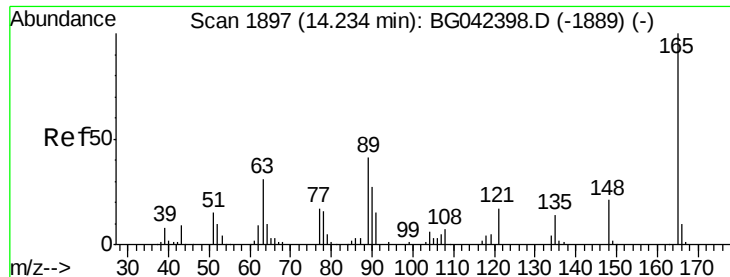


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

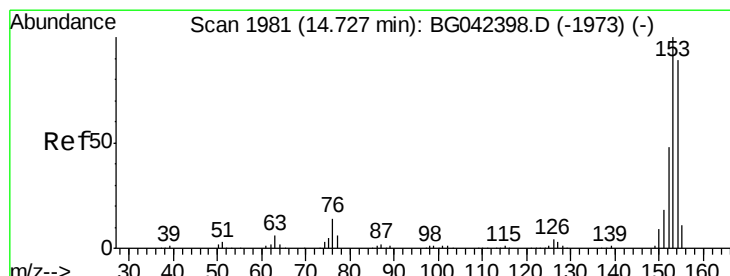
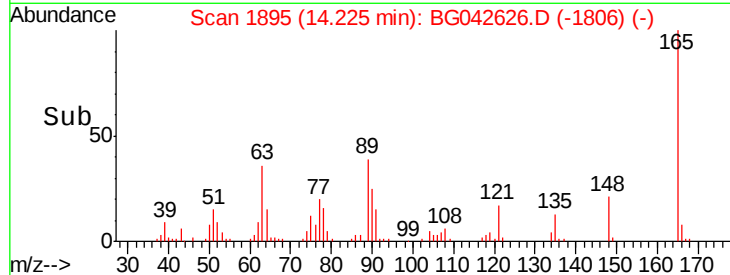
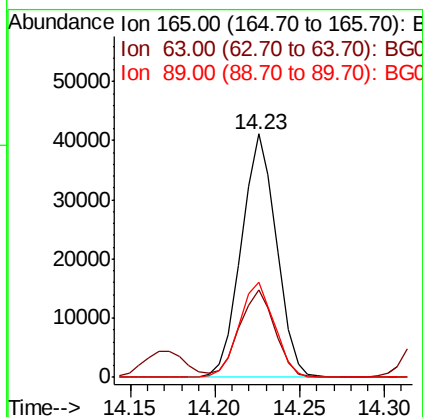
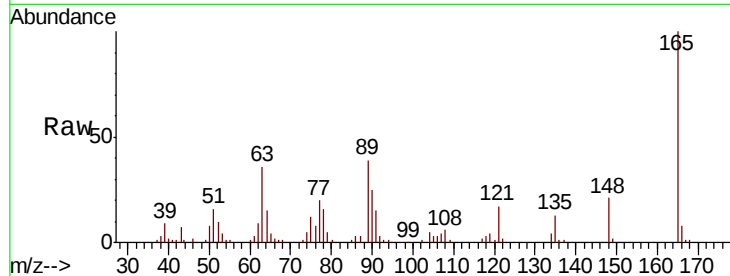




#51
 2,6-Dinitrotoluene
 Concen: 45.279 ng
 RT: 14.23 min Scan# 1895
 Delta R.T. -0.01 min
 Lab File: BG042626.D
 Acq: 31 Aug 2019 9:27

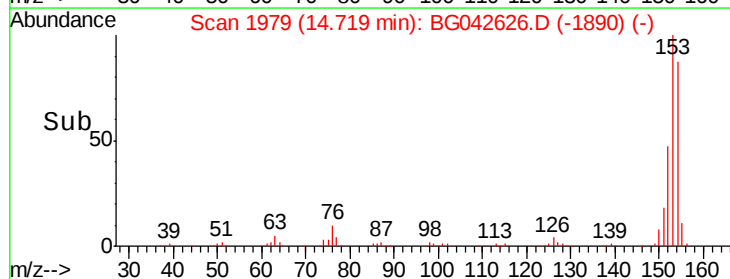
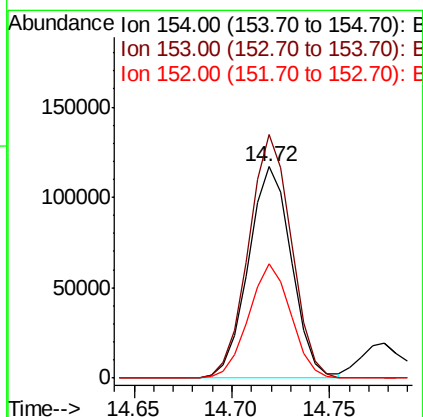
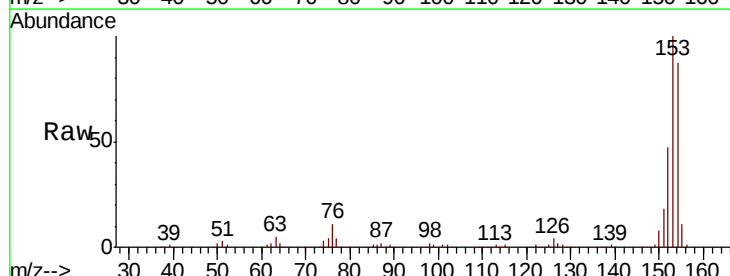
Instrument :
 BNA_G
 ClientSampleId :
 PB122684BS

Tot Ion:165	Resp:	59422
Ion Ratio	Lower	Upper
165	100	
63	35.9	30.6 45.8
89	39.2	32.6 49.0



#52
 Acenaphthene
 Concen: 44.827 ng
 RT: 14.72 min Scan# 1979
 Delta R.T. -0.01 min
 Lab File: BG042626.D
 Acq: 31 Aug 2019 9:27

Tgt Ion:154	Resp:	179104
Ion Ratio	Lower	Upper
154	100	
153	115.1	90.2 135.4
152	53.8	43.2 64.8

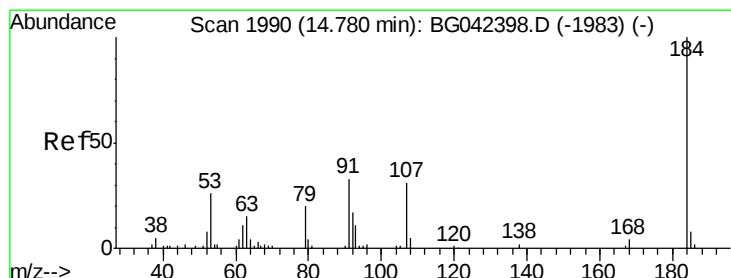
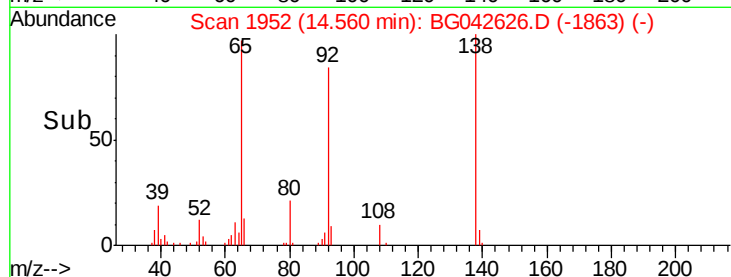
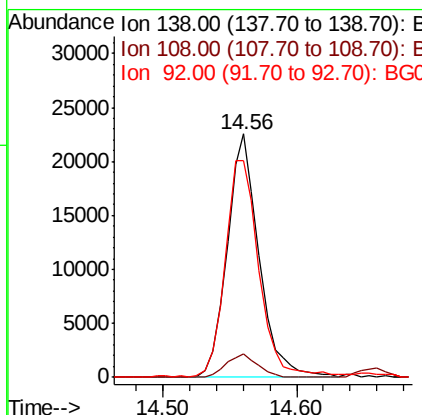
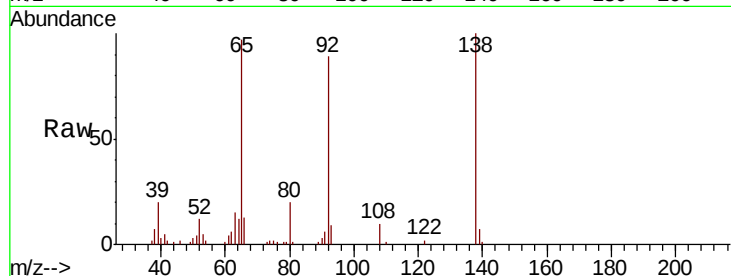




#53
3-Nitroaniline
Concen: 28.576 ng
RT: 14.56 min Scan# 1952
Delta R.T. -0.01 min
Lab File: BG042626.D
Acq: 31 Aug 2019 9:27

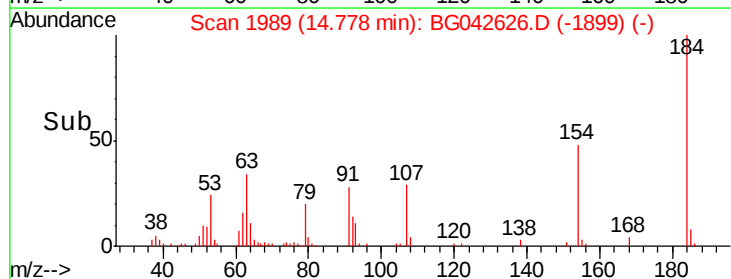
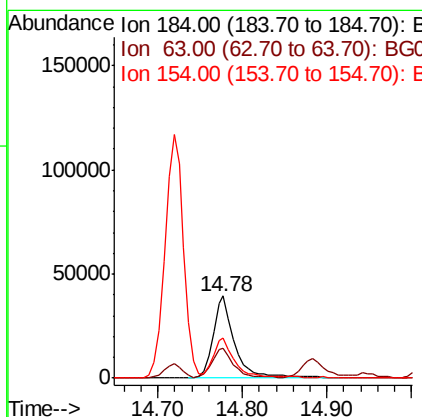
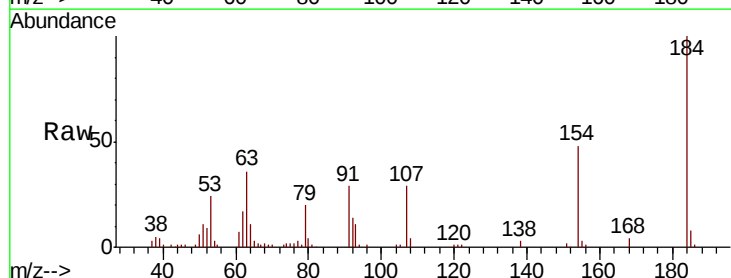
Instrument :
BNA_G
ClientSampleId :
PB122684BS

Tot Ion:138 Resp: 37505
Ion Ratio Lower Upper
138 100
108 9.7 8.3 12.5
92 88.8 78.2 117.4



#54
2,4-Dinitrophenol
Concen: 80.291 ng
RT: 14.78 min Scan# 1989
Delta R.T. -0.00 min
Lab File: BG042626.D
Acq: 31 Aug 2019 9:27

Tgt Ion:184 Resp: 71051
Ion Ratio Lower Upper
184 100
63 35.9 31.7 47.5
154 48.4 42.0 63.0





#55

Dibenzofuran

Concen: 46.995 ng

RT: 15.05 min Scan# 2036

Delta R.T. -0.01 min

Lab File: BG042626.D

Acq: 31 Aug 2019 9:27

Instrument :

BNA_G

ClientSampleId :

PB122684BS

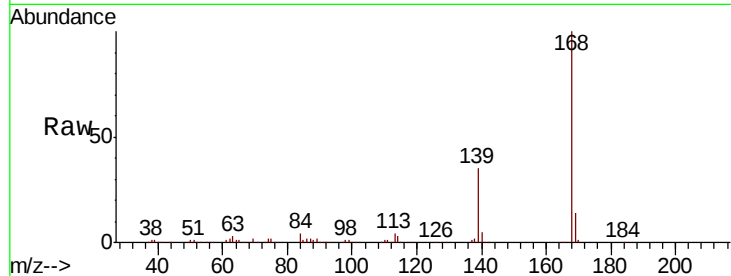
Tot Ion:168 Resp: 310809

Ion Ratio Lower Upper

168 100

139 34.6 27.2 40.8

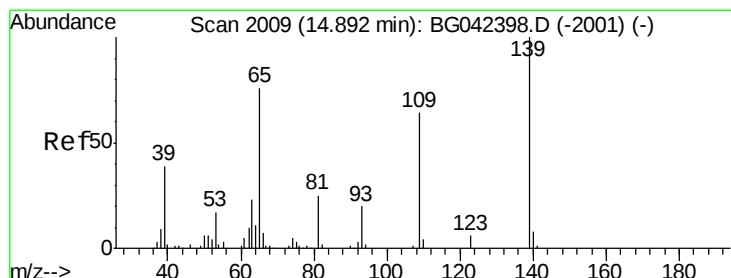
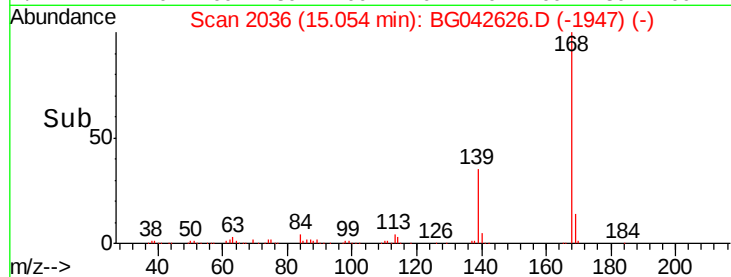
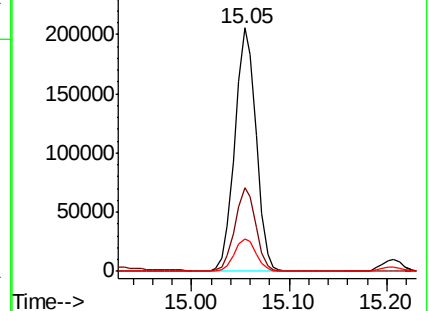
169 13.5 11.5 17.3



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 88.148 ng

RT: 14.88 min Scan# 2007

Delta R.T. -0.01 min

Lab File: BG042626.D

Acq: 31 Aug 2019 9:27

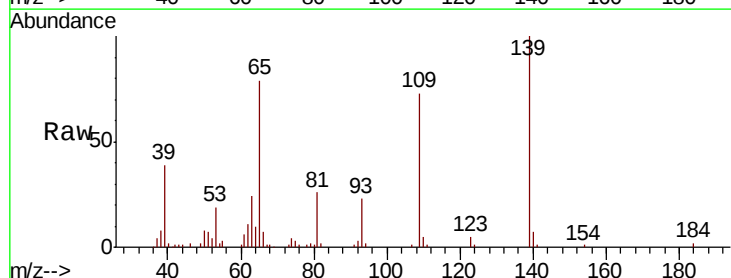
Tgt Ion:139 Resp: 82208

Ion Ratio Lower Upper

139 100

109 73.3 43.9 83.9

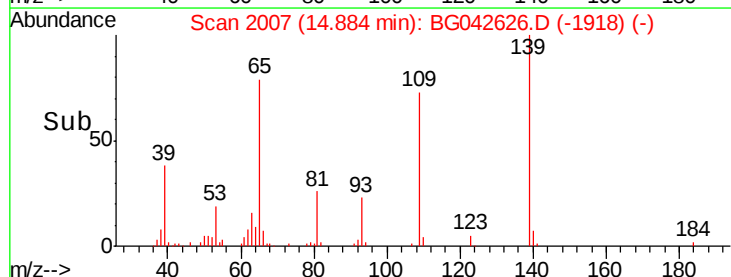
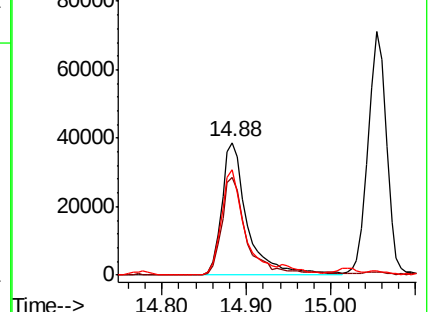
65 79.4 56.3 96.3

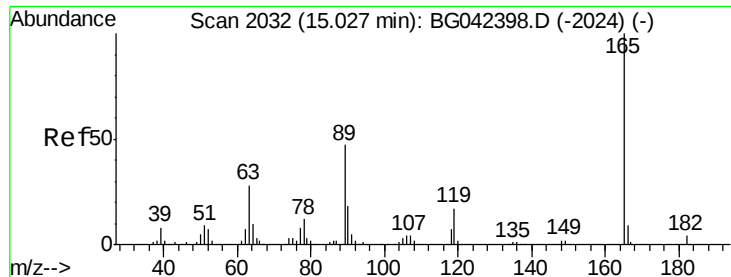


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC

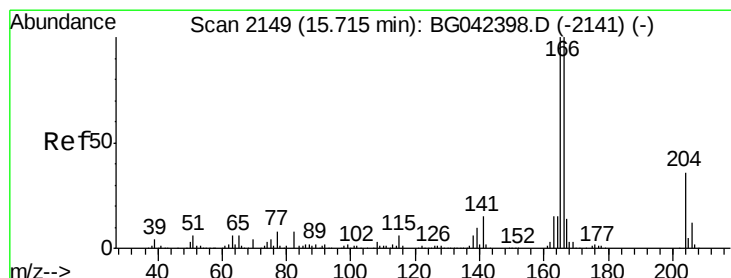
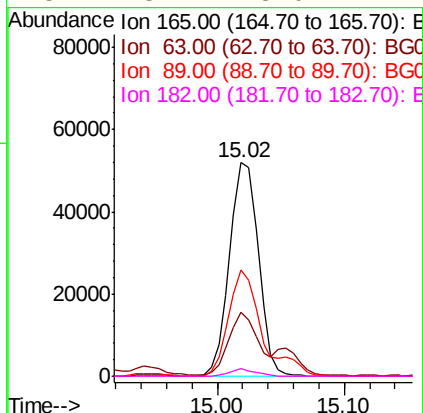
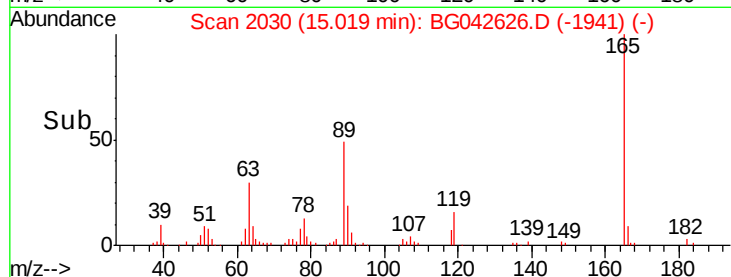
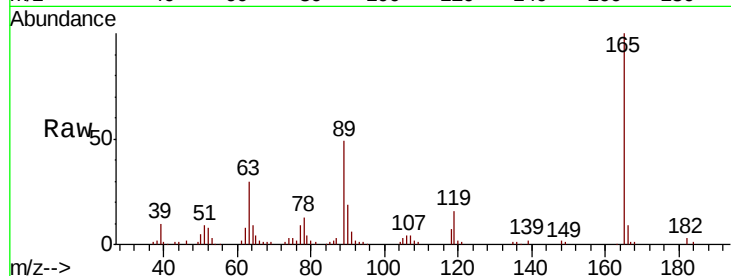




#57
 2,4-Dinitrotoluene
 Concen: 43.776 ng
 RT: 15.02 min Scan# 2030
 Delta R.T. -0.01 min
 Lab File: BG042626.D
 Acq: 31 Aug 2019 9:27

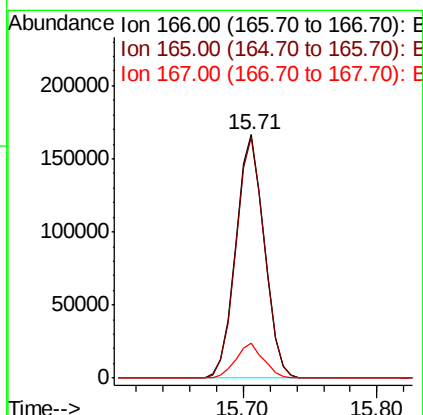
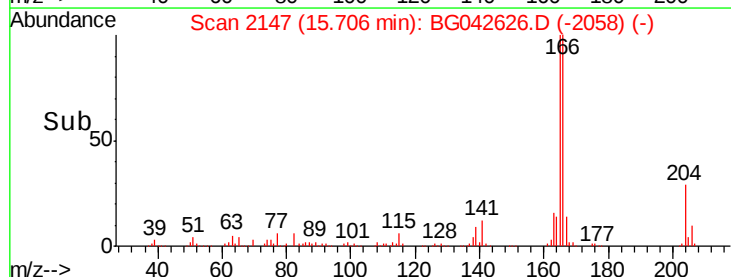
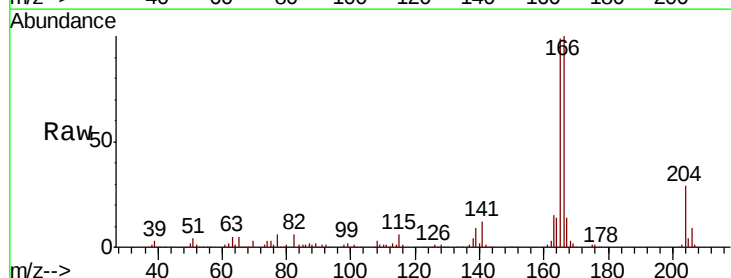
Instrument :
 BNA_G
 ClientSampleId :
 PB122684BS

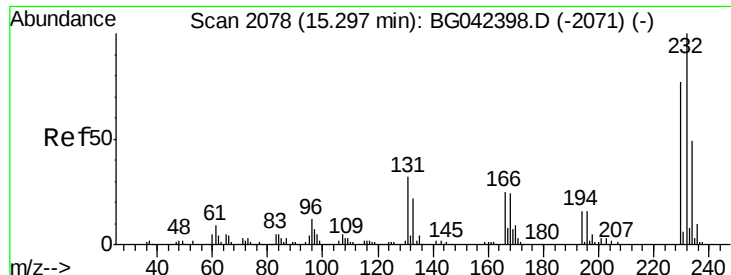
Tot Ion	Ratio	Lower	Upper
165	100		
63	30.1	22.5	33.7
89	49.5	37.8	56.6
182	3.4	3.0	4.4



#58
 Fluorene
 Concen: 45.487 ng
 RT: 15.71 min Scan# 2147
 Delta R.T. -0.01 min
 Lab File: BG042626.D
 Acq: 31 Aug 2019 9:27

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.1	79.7	119.5
167	14.2	10.9	16.3

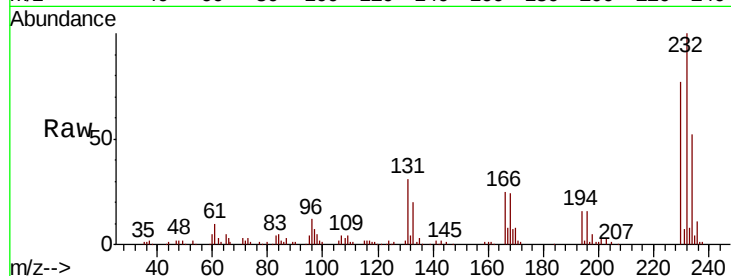




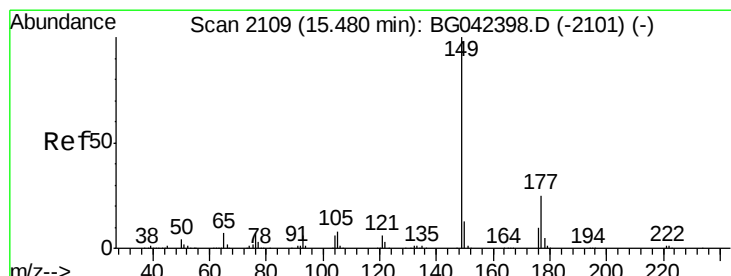
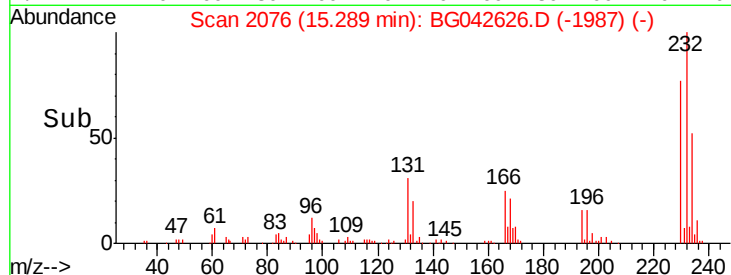
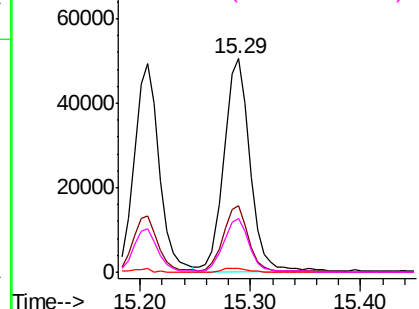
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 47.631 ng
 RT: 15.29 min Scan# 2076
 Delta R.T. -0.01 min
 Lab File: BG042626.D
 Acq: 31 Aug 2019 9:27

Instrument :
 BNA_G
 ClientSampleId :
 PB122684BS

Tot Ion:	232	Resp:	83141
Ion	Ratio	Lower	Upper
232	100		
131	29.1	22.9	34.3
130	1.7	1.4	2.0
166	25.3	17.0	25.4

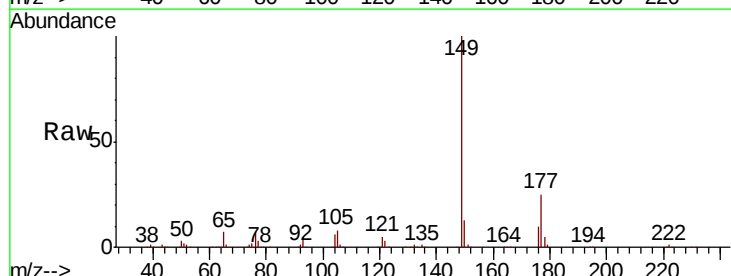


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

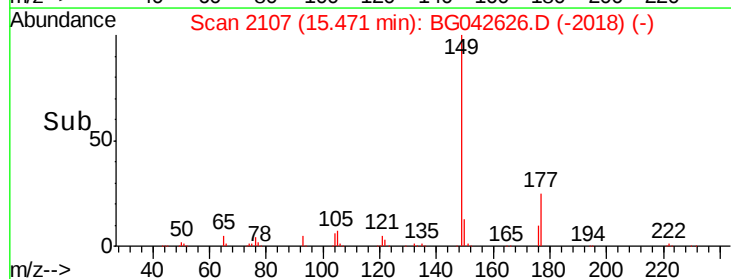
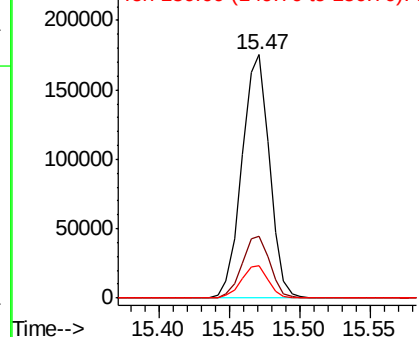


#60
 Diethylphthalate
 Concen: 43.069 ng
 RT: 15.47 min Scan# 2107
 Delta R.T. -0.01 min
 Lab File: BG042626.D
 Acq: 31 Aug 2019 9:27

Tgt Ion:	149	Resp:	238372
Ion	Ratio	Lower	Upper
149	100		
177	25.5	20.4	30.6
150	13.3	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

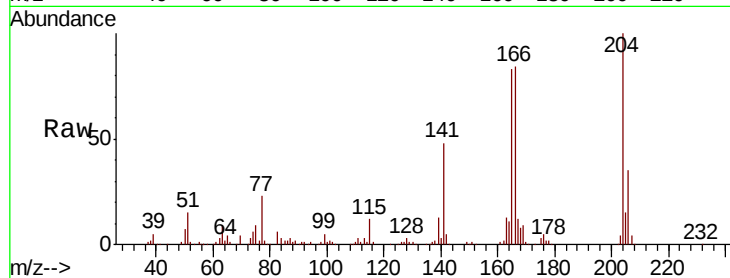




#61
 4-Chlorophenyl-phenylether
 Concen: 45.754 ng
 RT: 15.69 min Scan# 2145
 Delta R.T. -0.01 min
 Lab File: BG042626.D
 Acq: 31 Aug 2019 9:27

Instrument :
 BNA_G
 ClientSampleId :
 PB122684BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	34.9	27.2	40.8
141	47.6	38.7	58.1

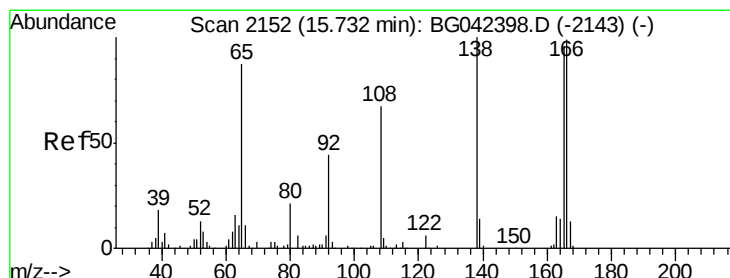
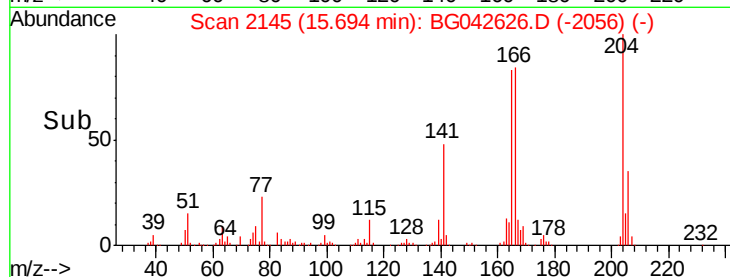
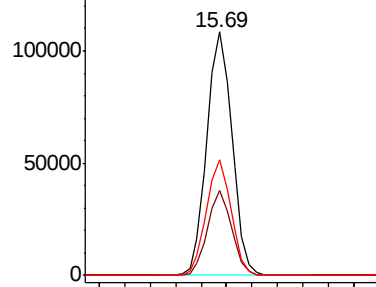


Abundance

Ion 204.00 (203.70 to 204.70): E

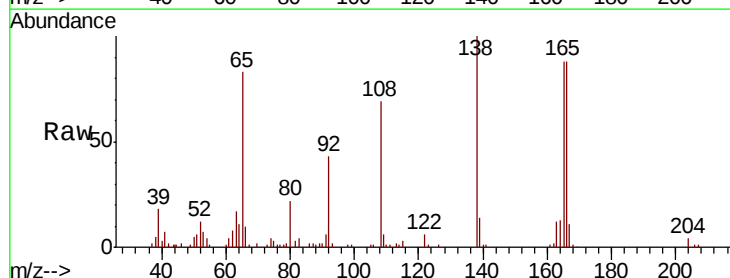
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
 4-Nitroaniline
 Concen: 40.212 ng
 RT: 15.72 min Scan# 2150
 Delta R.T. -0.01 min
 Lab File: BG042626.D
 Acq: 31 Aug 2019 9:27

Tgt Ion	Ratio	Lower	Upper
138	100		
92	42.6	24.2	64.2
108	69.2	46.8	86.8

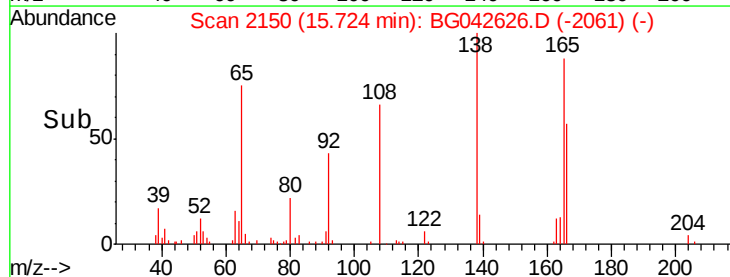
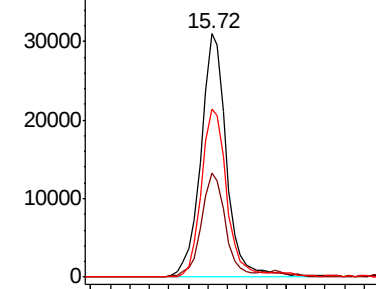


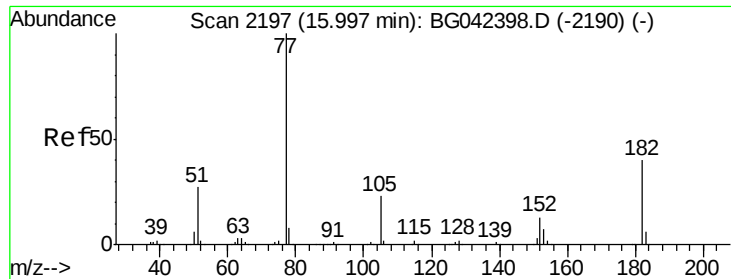
Abundance

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

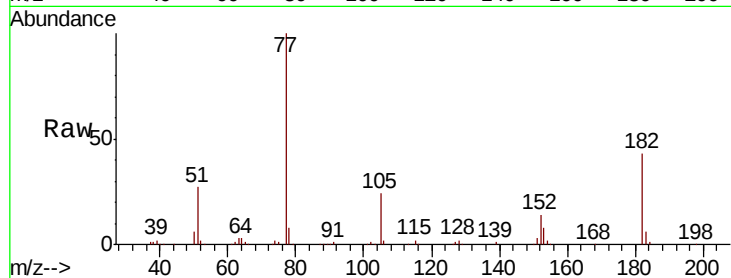




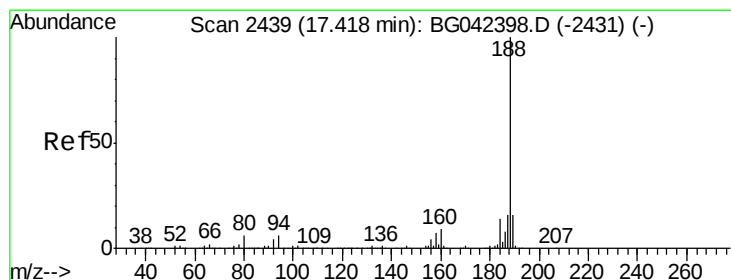
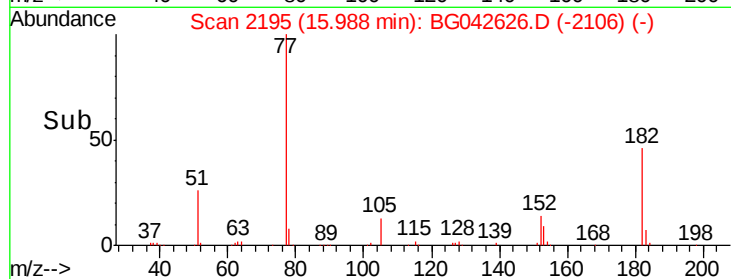
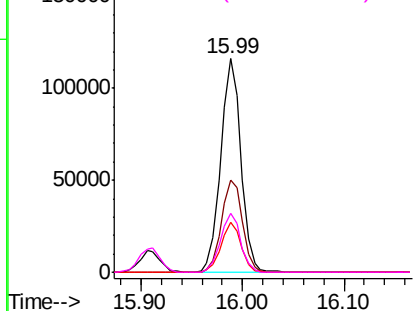
#63
Azobenzene
Concen: 42.195 ng
RT: 15.99 min Scan# 2195
Delta R.T. -0.01 min
Lab File: BG042626.D
Acq: 31 Aug 2019 9:27

Instrument :
BNA_G
ClientSampleId :
PB122684BS

Tot Ion:	77	Resp:	160023
Ion	Ratio	Lower	Upper
77	100		
182	43.4	19.9	59.9
105	23.6	2.9	42.9
51	27.3	7.6	47.6

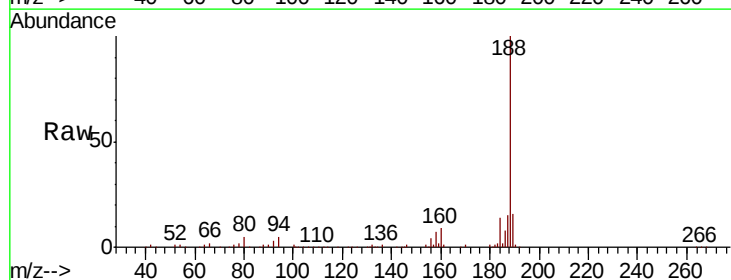


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

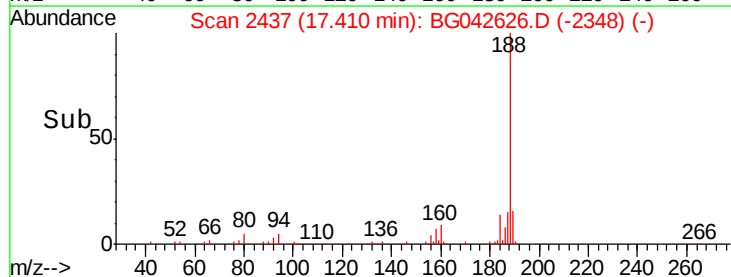
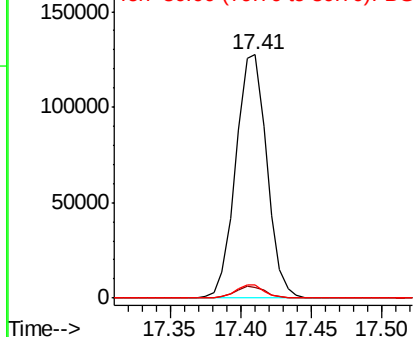


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2437
Delta R.T. -0.01 min
Lab File: BG042626.D
Acq: 31 Aug 2019 9:27

Tgt Ion:	188	Resp:	195702
Ion	Ratio	Lower	Upper
188	100		
94	4.6	4.5	6.7
80	5.2	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

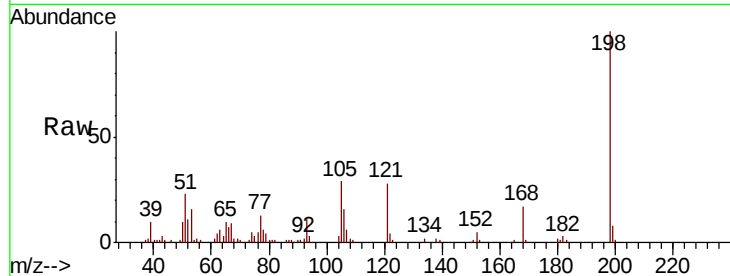




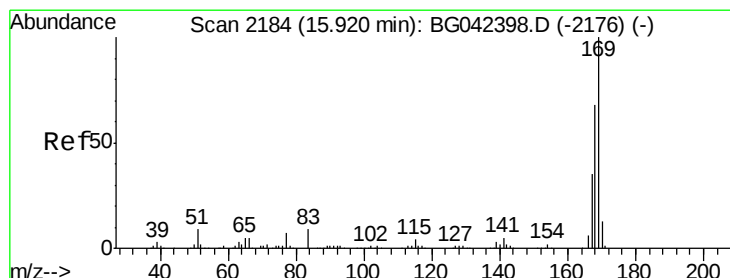
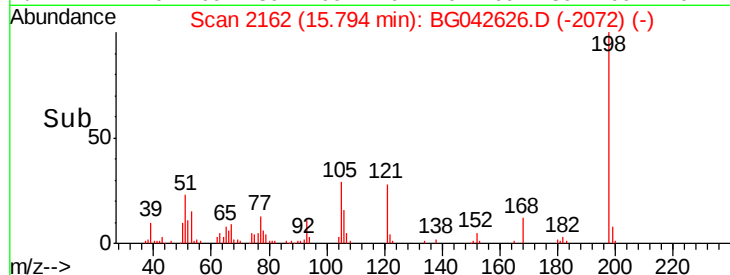
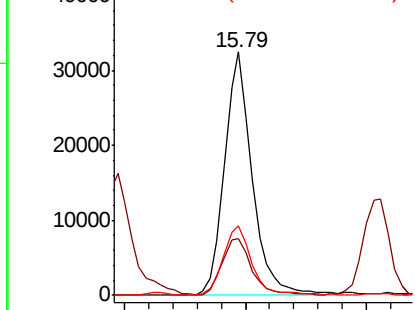
#65
4,6-Dinitro-2-methylphenol
Concen: 42.125 ng
RT: 15.79 min Scan# 2162
Delta R.T. -0.00 min
Lab File: BG042626.D
Acq: 31 Aug 2019 9:27

Instrument :
BNA_G
ClientSampleId :
PB122684BS

Tot Ion	Ratio	Lower	Upper
198	100		
51	23.1	4.2	44.2
105	28.5	8.8	48.8

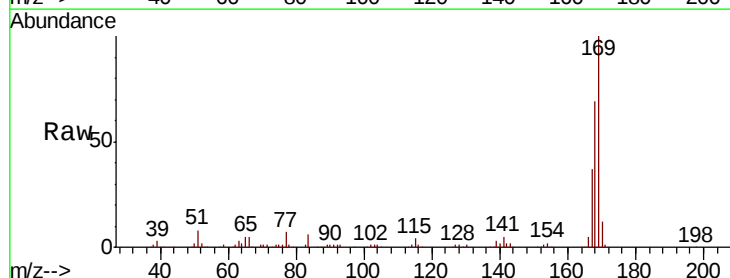


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BG
Ion 105.00 (104.70 to 105.70): E

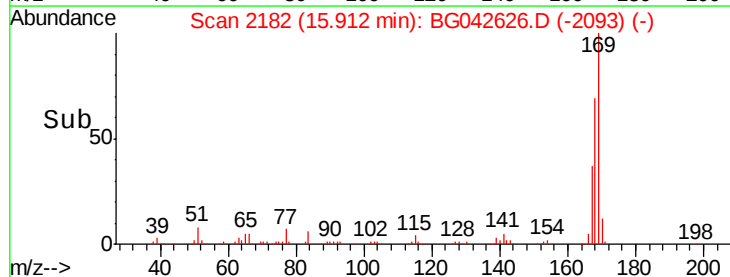
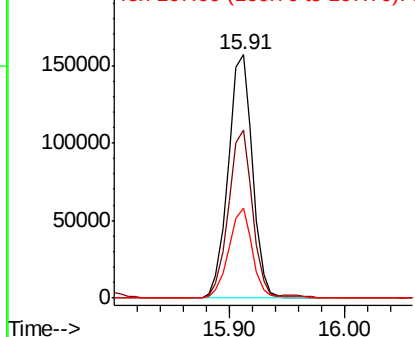


#66
n-Nitrosodiphenylamine
Concen: 42.223 ng
RT: 15.91 min Scan# 2182
Delta R.T. -0.01 min
Lab File: BG042626.D
Acq: 31 Aug 2019 9:27

Tgt Ion	Ratio	Lower	Upper
169	100		
168	68.9	54.3	81.5
167	36.8	28.2	42.2



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

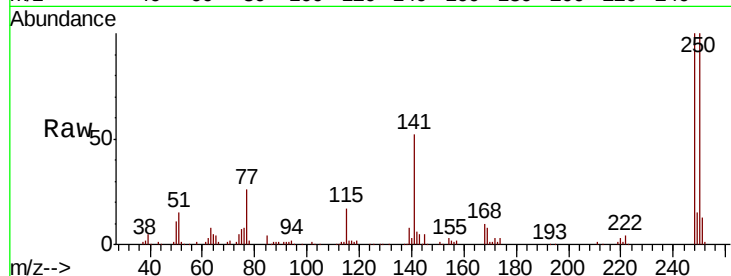




#67
 4-Bromophenyl-phenylether
 Concen: 41.349 ng
 RT: 16.59 min Scan# 2298
 Delta R.T. -0.01 min
 Lab File: BG042626.D
 Acq: 31 Aug 2019 9:27

Instrument :
 BNA_G
 ClientSampleId :
 PB122684BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	99.7	78.9	118.3
141	52.2	43.3	64.9

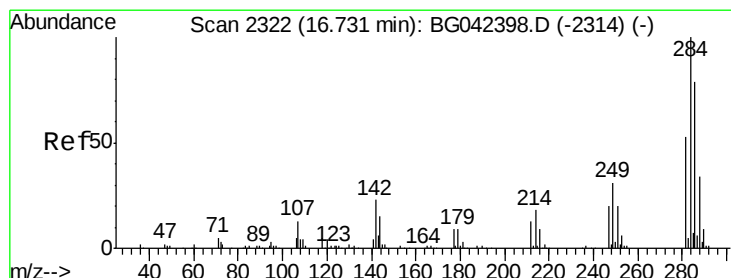
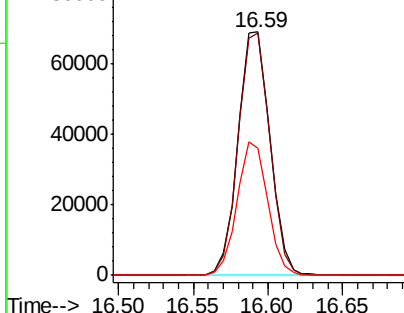
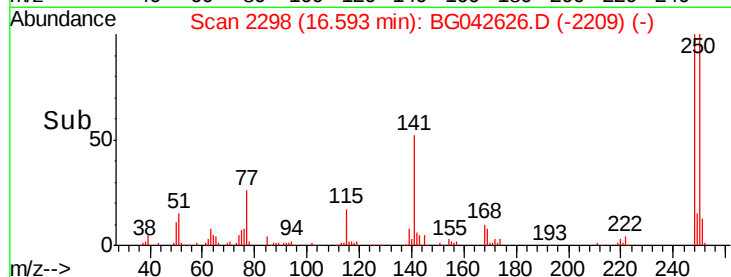


Abundance

Ion 248.00 (247.70 to 248.70): E

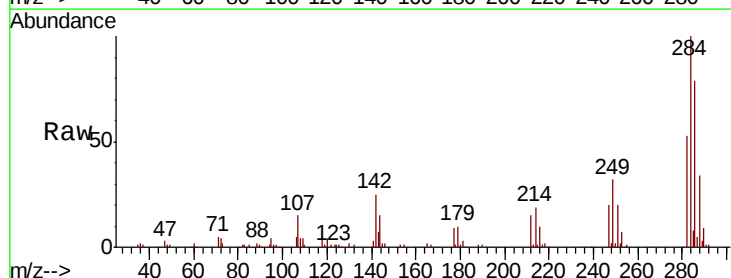
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
 Hexachlorobenzene
 Concen: 40.084 ng
 RT: 16.72 min Scan# 2319
 Delta R.T. -0.01 min
 Lab File: BG042626.D
 Acq: 31 Aug 2019 9:27

Tgt Ion	Ratio	Lower	Upper
284	100		
142	24.8	18.2	27.4
249	32.4	25.0	37.4

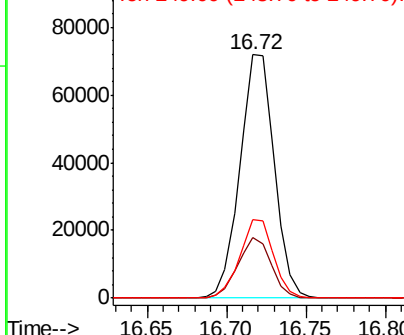
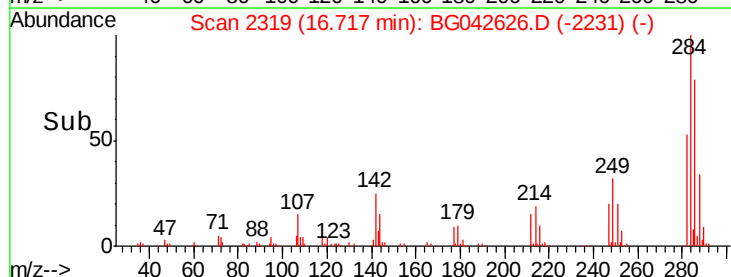


Abundance

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: 46.583 ng

RT: 16.86 min Scan# 2343

Delta R.T. -0.01 min

Lab File: BG042626.D

Acq: 31 Aug 2019 9:27

Instrument :

BNA_G

ClientSampleId :

PB122684BS

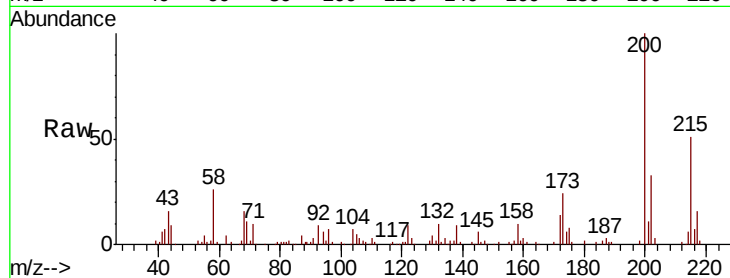
Tot Ion:200 Resp: 88657

Ion Ratio Lower Upper

200 100

173 23.9 4.9 44.9

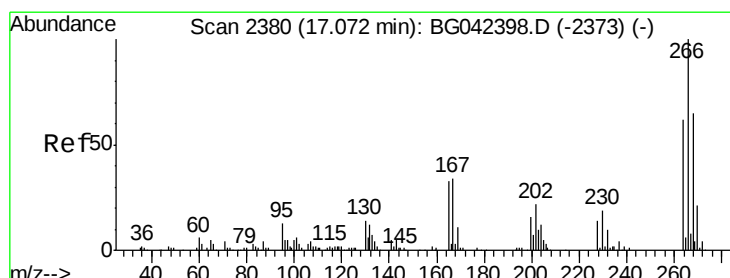
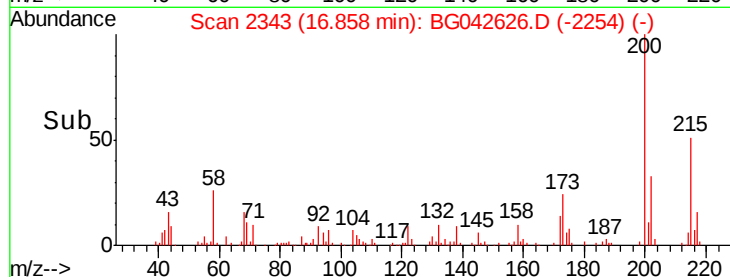
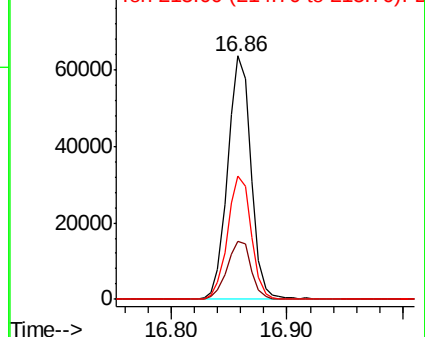
215 50.6 30.7 70.7



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: 85.453 ng

RT: 17.06 min Scan# 2378

Delta R.T. -0.01 min

Lab File: BG042626.D

Acq: 31 Aug 2019 9:27

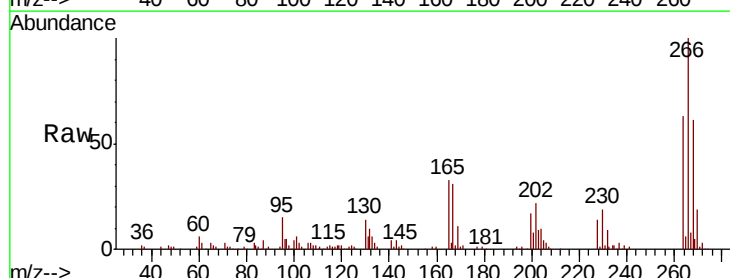
Tgt Ion:266 Resp: 119813

Ion Ratio Lower Upper

266 100

268 61.1 52.1 78.1

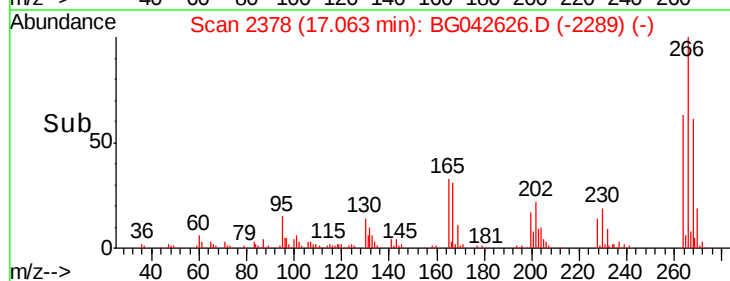
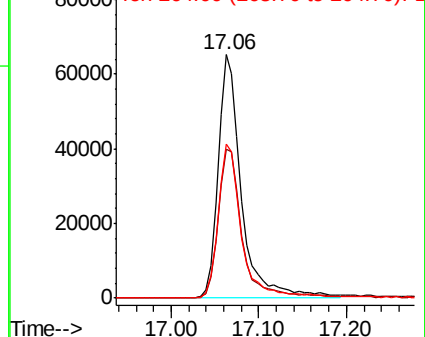
264 63.4 49.4 74.2

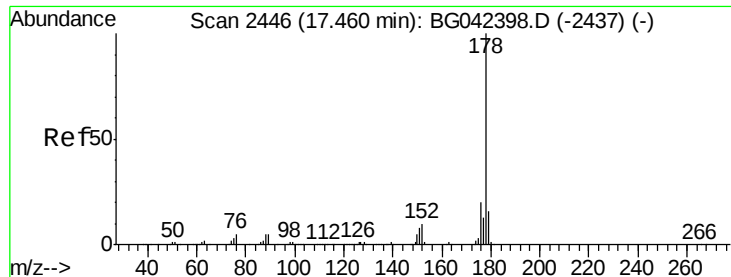


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 42.395 ng

RT: 17.45 min Scan# 2444

Delta R.T. -0.01 min

Lab File: BG042626.D

Acq: 31 Aug 2019 9:27

Instrument :

BNA_G

ClientSampleId :

PB122684BS

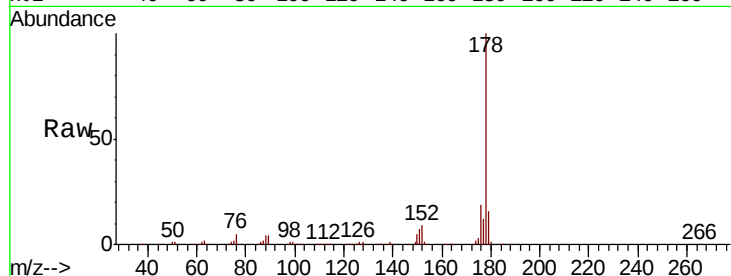
Tot Ion:178 Resp: 412112

Ion Ratio Lower Upper

178 100

176 18.8 15.9 23.9

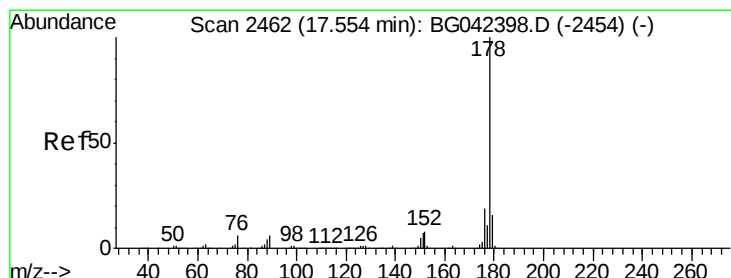
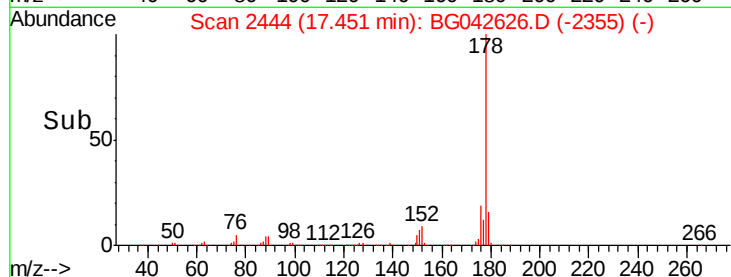
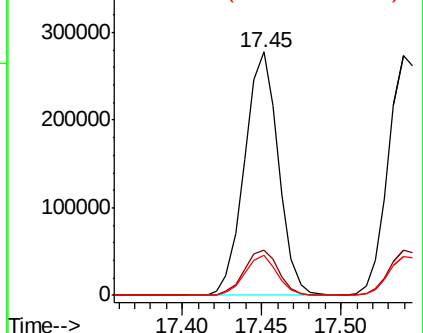
179 16.4 12.7 19.1



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: 43.759 ng

RT: 17.54 min Scan# 2459

Delta R.T. -0.01 min

Lab File: BG042626.D

Acq: 31 Aug 2019 9:27

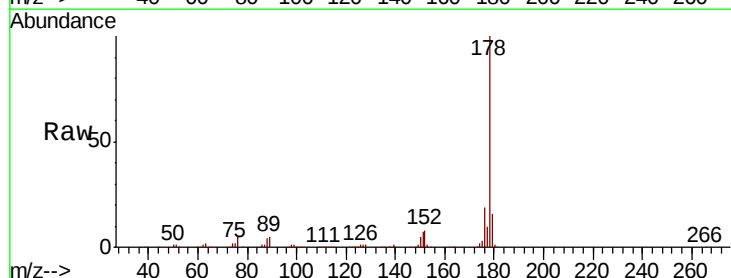
Tgt Ion:178 Resp: 424647

Ion Ratio Lower Upper

178 100

176 18.7 15.5 23.3

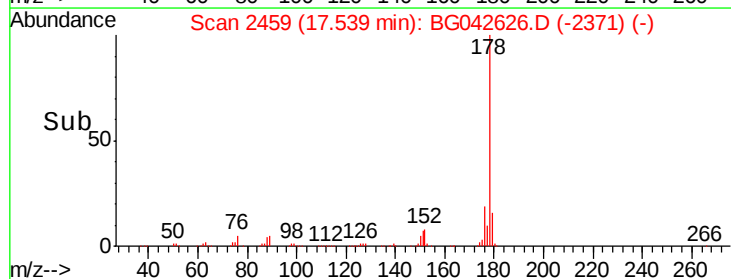
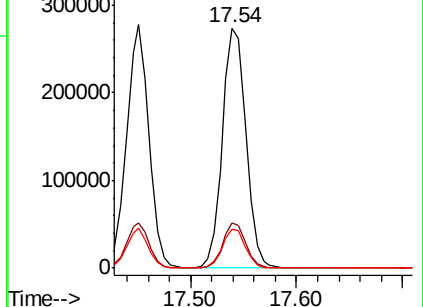
179 16.4 12.9 19.3



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

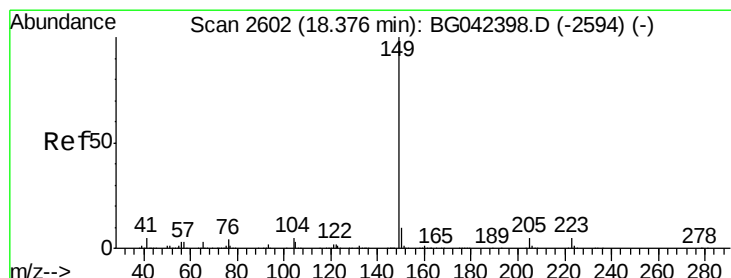
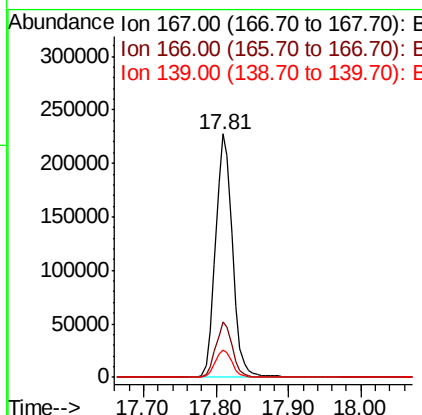
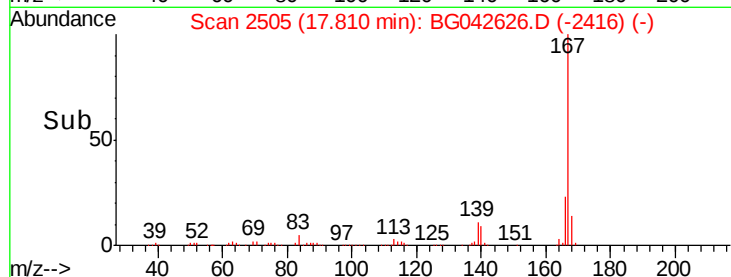
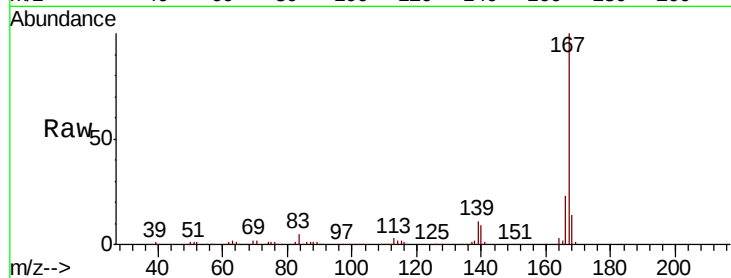




#73
 Carbazole
 Concen: 42.619 ng
 RT: 17.81 min Scan# 2505
 Delta R.T. -0.01 min
 Lab File: BG042626.D
 Acq: 31 Aug 2019 9:27

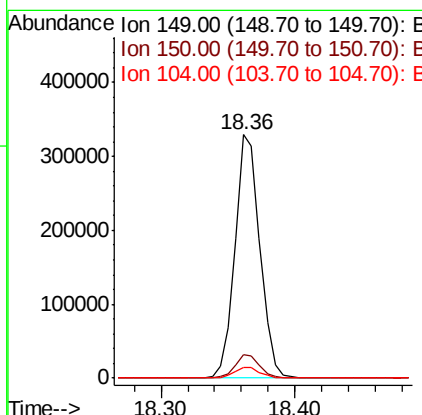
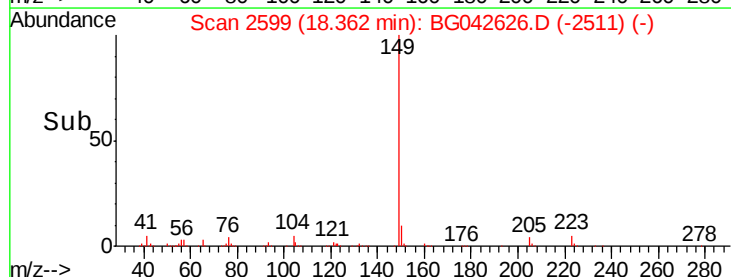
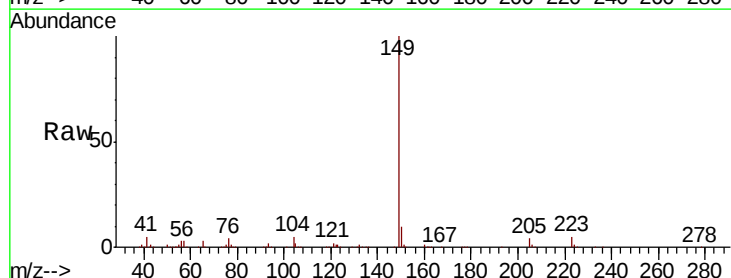
Instrument :
 BNA_G
 ClientSampleId :
 PB122684BS

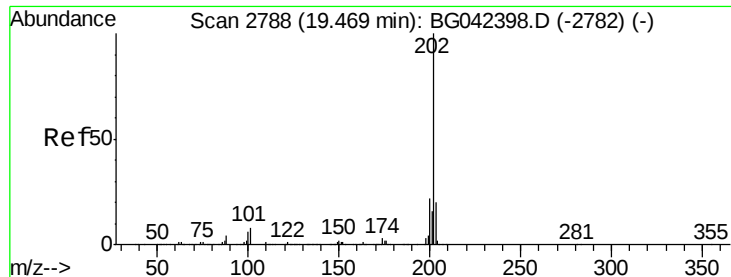
Tot Ion	Ratio	Lower	Upper
167	100		
166	22.5	18.9	28.3
139	11.4	9.8	14.6



#74
 Di-n-butylphthalate
 Concen: 41.739 ng
 RT: 18.36 min Scan# 2599
 Delta R.T. -0.01 min
 Lab File: BG042626.D
 Acq: 31 Aug 2019 9:27

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.8	8.1	12.1
104	4.6	3.7	5.5





#75

Fluoranthene

Concen: 47.248 ng

RT: 19.46 min Scan# 2786

Delta R.T. -0.01 min

Lab File: BG042626.D

Acq: 31 Aug 2019 9:27

Instrument :

BNA_G

ClientSampleId :

PB122684BS

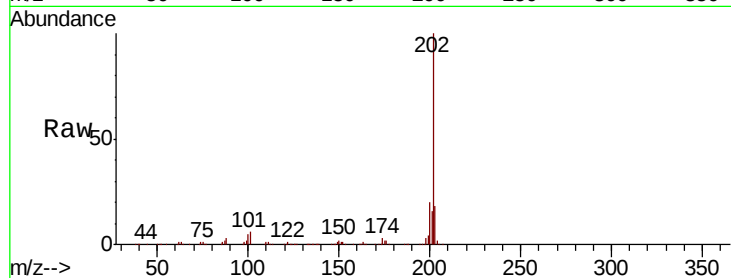
Tot Ion:202 Resp: 560526

Ion Ratio Lower Upper

202 100

101 6.0 0.0 28.3

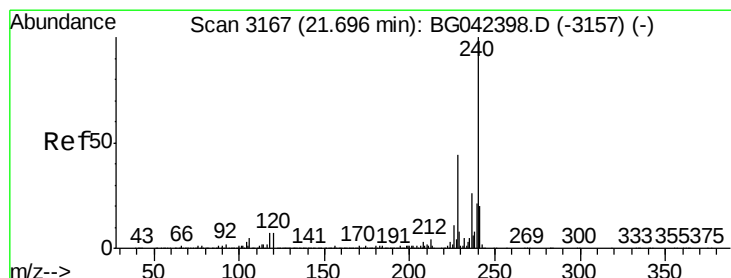
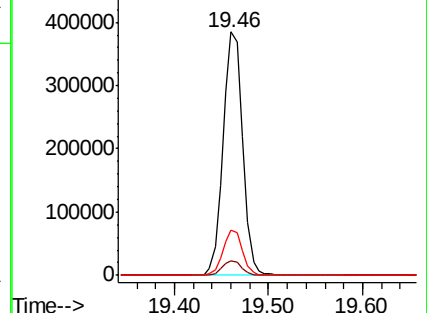
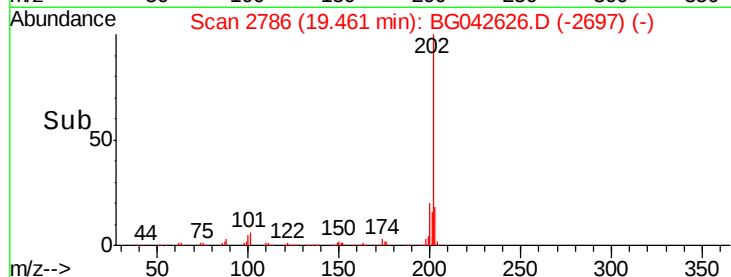
203 18.4 0.0 39.6



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: 21.68 min Scan# 3164

Delta R.T. -0.01 min

Lab File: BG042626.D

Acq: 31 Aug 2019 9:27

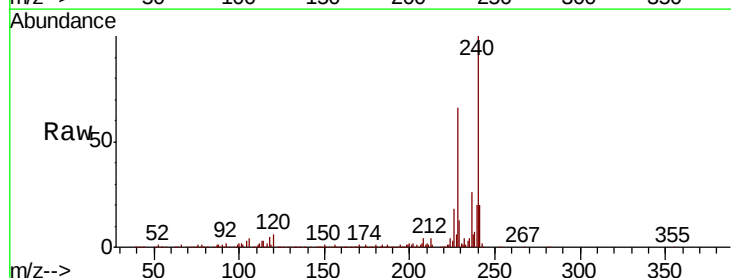
Tgt Ion:240 Resp: 226865

Ion Ratio Lower Upper

240 100

120 6.1 5.7 8.5

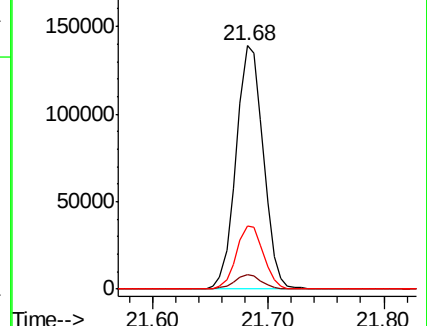
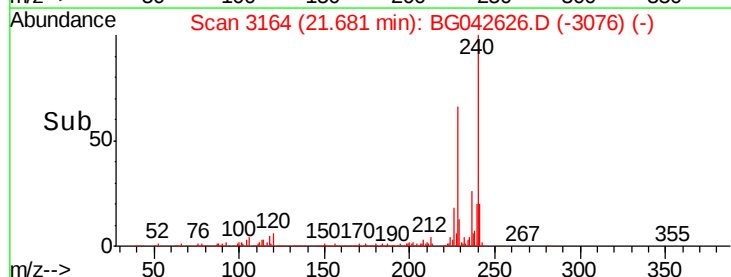
236 25.8 21.0 31.4



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 33.279 ng

RT: 19.64 min Scan# 2816

Delta R.T. -0.01 min

Lab File: BG042626.D

Acq: 31 Aug 2019 9:27

Instrument :

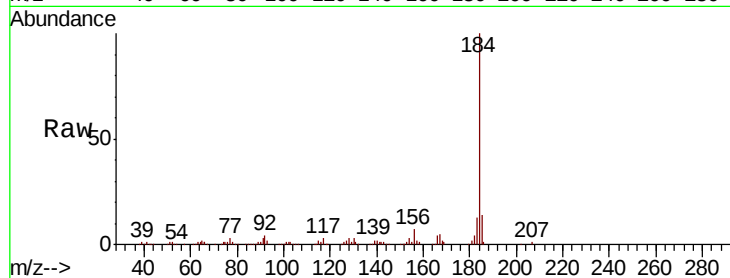
BNA_G

ClientSampleId :

PB122684BS

Tot Ion:184 Resp: 216459

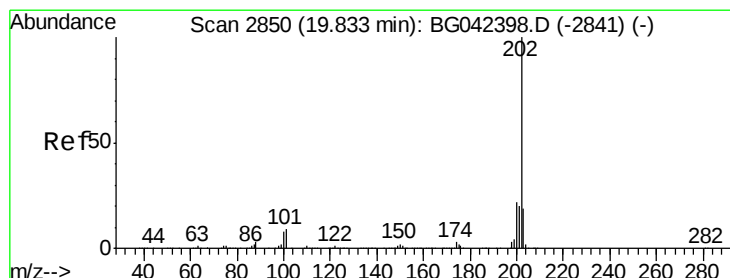
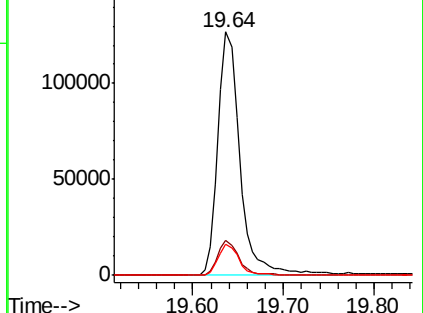
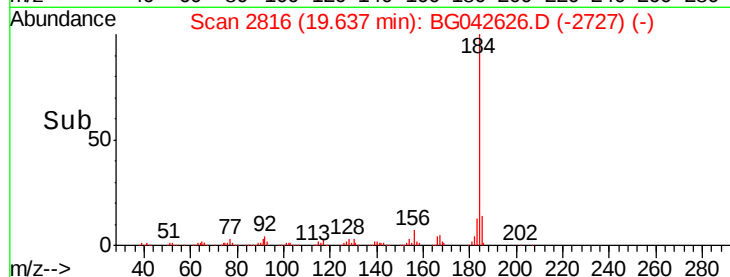
Ion	Ratio	Lower	Upper
184	100		
185	14.4	12.2	18.4
183	13.0	10.8	16.2



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: 40.793 ng

RT: 19.82 min Scan# 2848

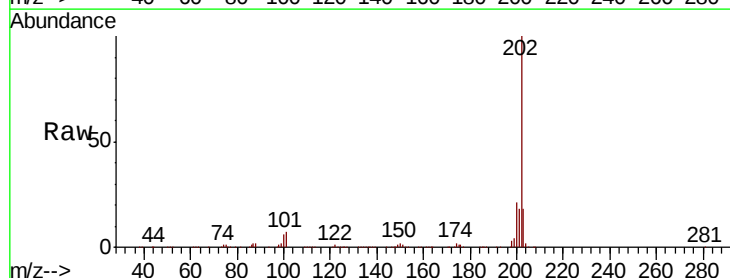
Delta R.T. -0.01 min

Lab File: BG042626.D

Acq: 31 Aug 2019 9:27

Tgt Ion:202 Resp: 567390

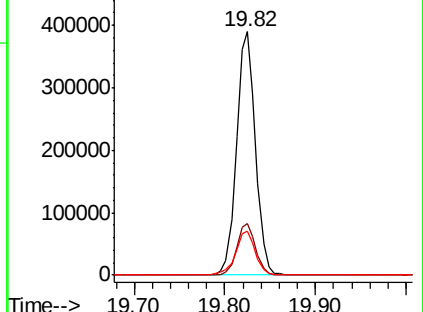
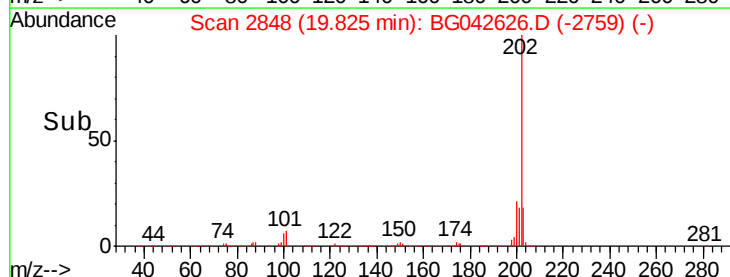
Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.8	26.6
203	18.1	15.5	23.3



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: 86.029 ng

RT: 20.02 min Scan# 2881

Delta R.T. -0.01 min

Lab File: BG042626.D

Acq: 31 Aug 2019 9:27

Instrument :

BNA_G

ClientSampleId :

PB122684BS

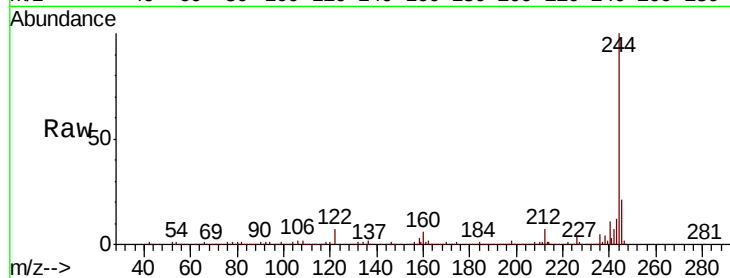
Tot Ion:244 Resp: 902765

Ion Ratio Lower Upper

244 100

212 6.9 6.0 9.0

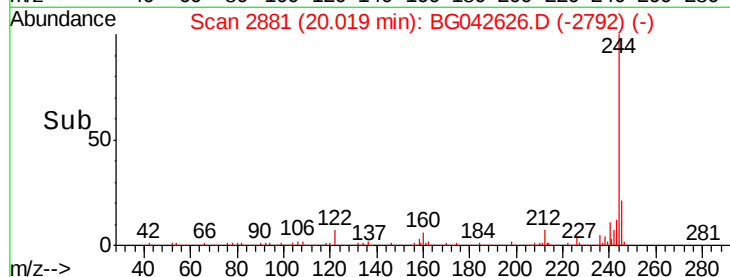
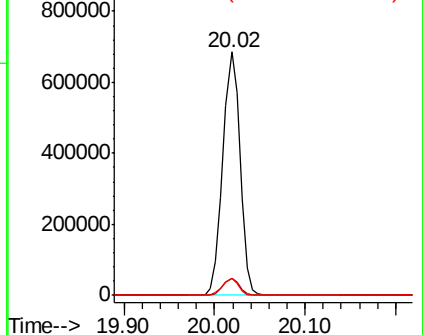
122 6.8 6.7 10.1



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: 39.364 ng

RT: 20.71 min Scan# 2998

Delta R.T. -0.01 min

Lab File: BG042626.D

Acq: 31 Aug 2019 9:27

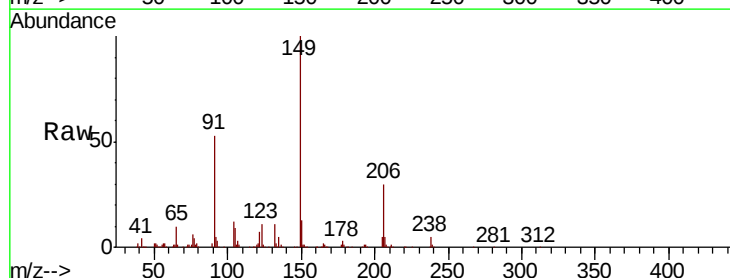
Tgt Ion:149 Resp: 215350

Ion Ratio Lower Upper

149 100

91 53.4 45.9 68.9

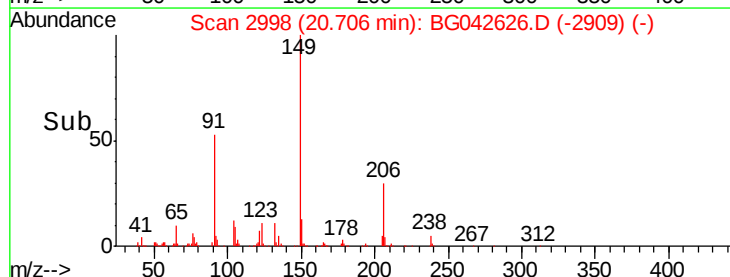
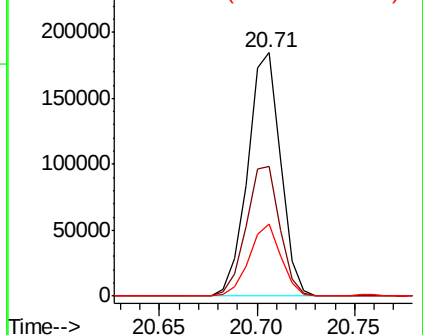
206 29.8 22.5 33.7

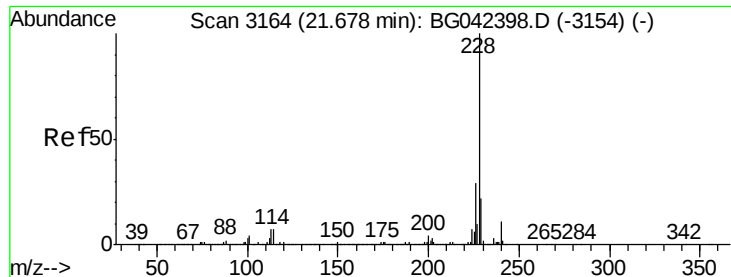


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 42.338 ng

RT: 21.66 min Scan# 3161

Delta R.T. -0.01 min

Lab File: BG042626.D

Acq: 31 Aug 2019 9:27

Instrument :

BNA_G

ClientSampleId :

PB122684BS

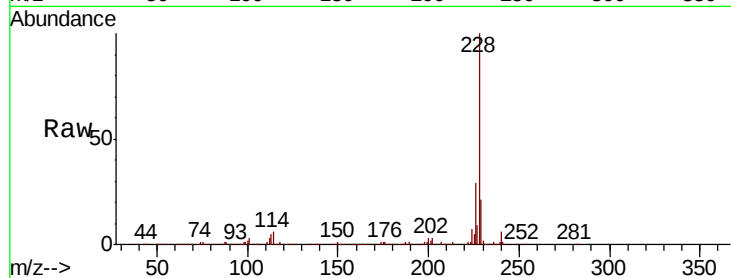
Tot Ion:228 Resp: 584285

Ion	Ratio	Lower	Upper
228	100		
226	28.5	23.4	35.2
229	20.9	17.4	26.2

228 100

226 28.5 23.4 35.2

229 20.9 17.4 26.2

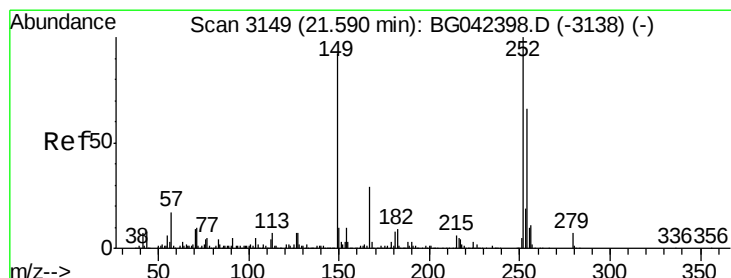
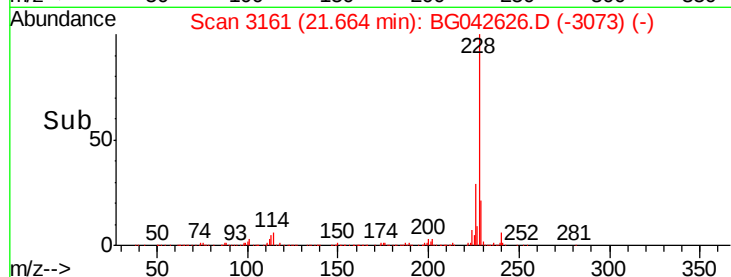
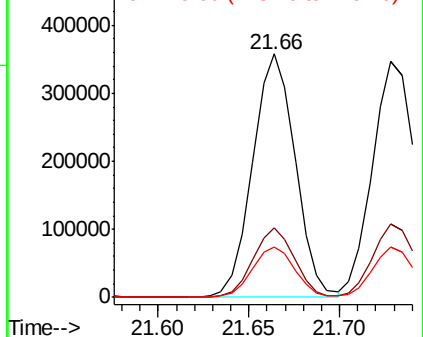


Abundance

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: 34.040 ng

RT: 21.58 min Scan# 3146

Delta R.T. -0.01 min

Lab File: BG042626.D

Acq: 31 Aug 2019 9:27

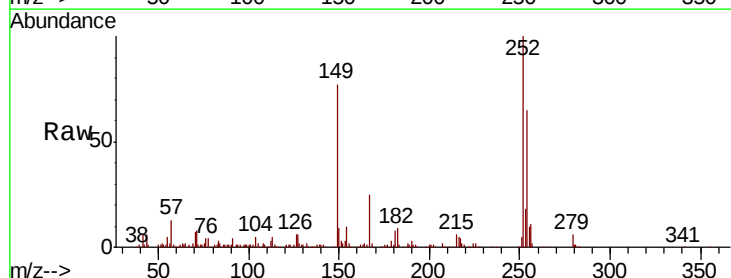
Tgt Ion:252 Resp: 188933

Ion	Ratio	Lower	Upper
252	100		
254	65.0	53.0	79.4
126	6.4	5.7	8.5

252 100

254 65.0 53.0 79.4

126 6.4 5.7 8.5

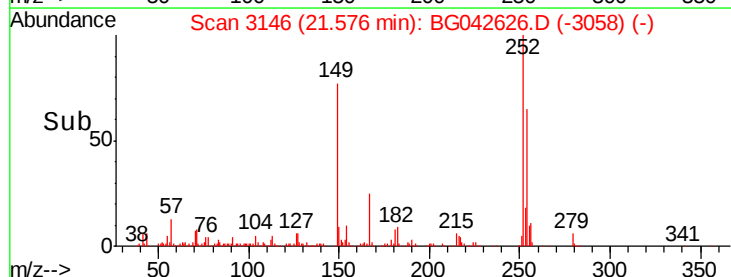
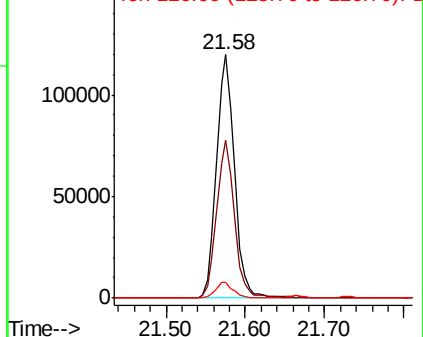


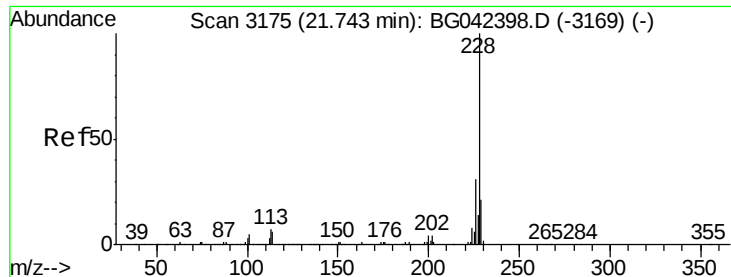
Abundance

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

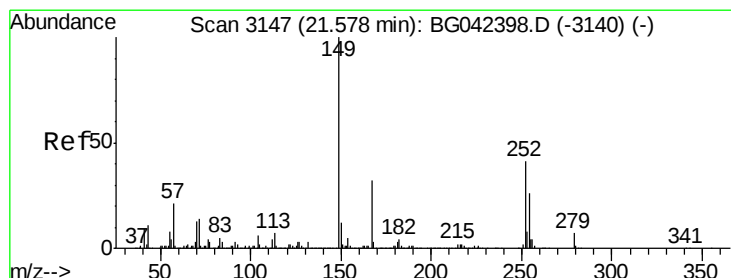
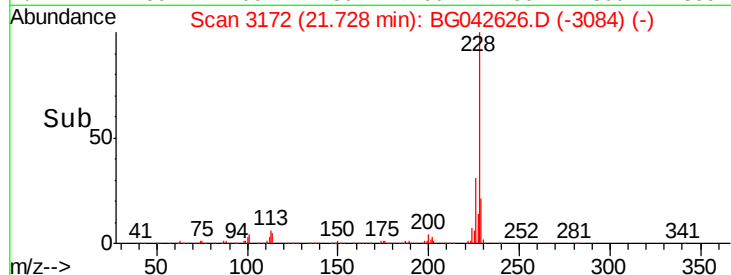
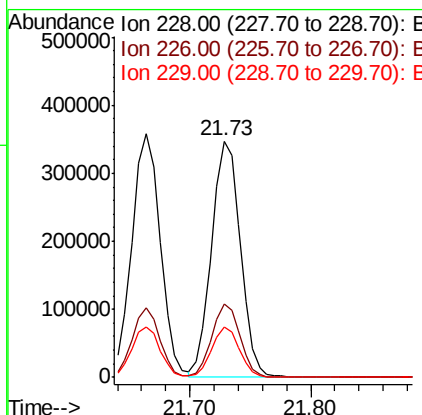
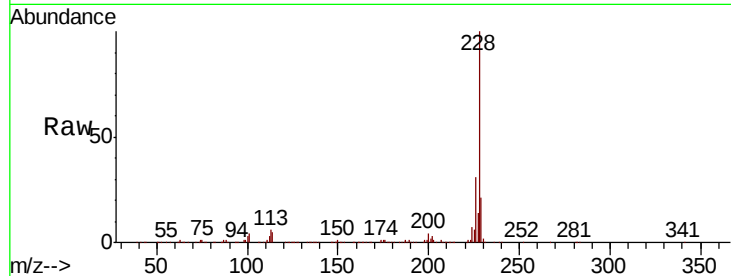




#83
 Chrvsene
 Concen: 42.823 ng
 RT: 21.73 min Scan# 3172
 Delta R.T. -0.01 min
 Lab File: BG042626.D
 Acq: 31 Aug 2019 9:27

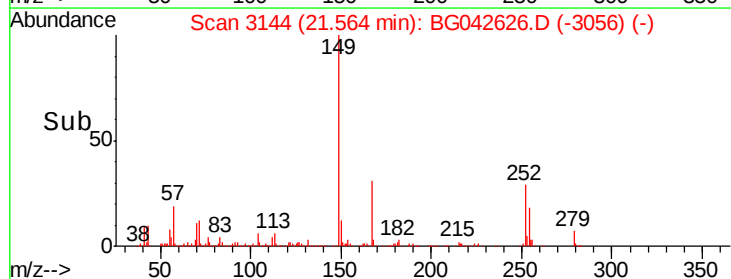
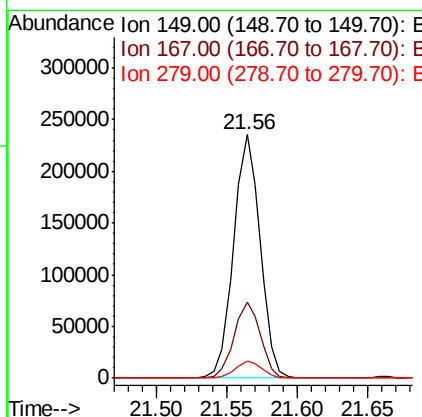
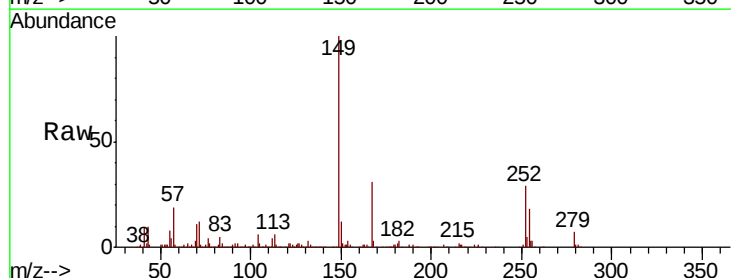
Instrument :
 BNA_G
 ClientSampleId :
 PB122684BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.9	24.9	37.3
229	21.2	16.9	25.3



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 40.512 ng
 RT: 21.56 min Scan# 3144
 Delta R.T. -0.01 min
 Lab File: BG042626.D
 Acq: 31 Aug 2019 9:27

Tgt Ion	Ratio	Lower	Upper
149	100		
167	31.1	26.0	39.0
279	7.1	5.4	8.0

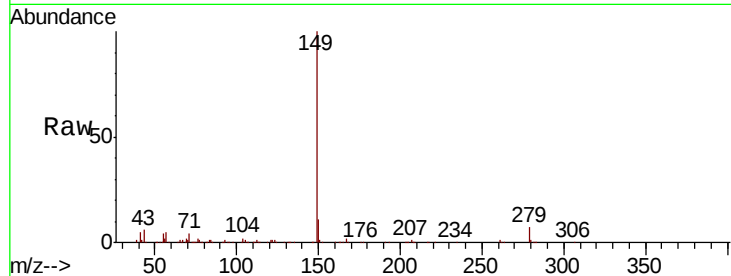




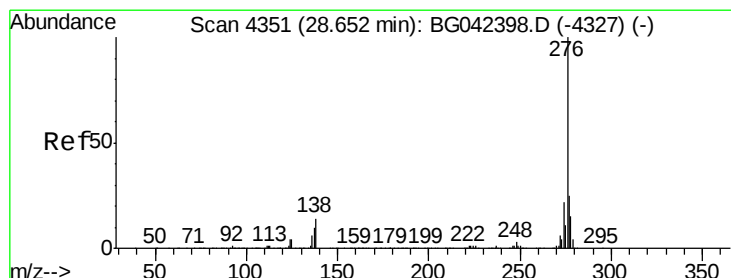
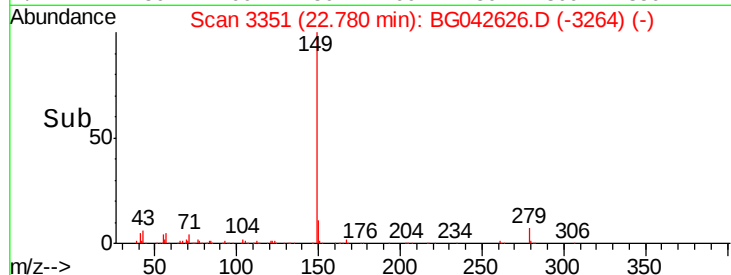
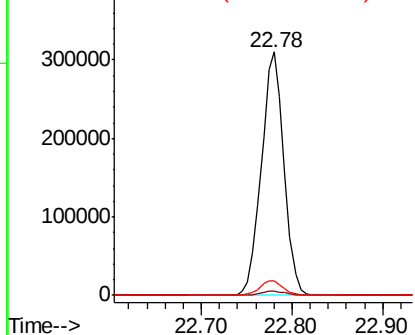
#85
Di-n-octyl phthalate
Concen: 40.920 ng
RT: 22.78 min Scan# 3351
Delta R.T. -0.02 min
Lab File: BG042626.D
Acq: 31 Aug 2019 9:27

Instrument :
BNA_G
ClientSampleId :
PB122684BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.9	1.6	2.4
43	6.3	5.3	7.9

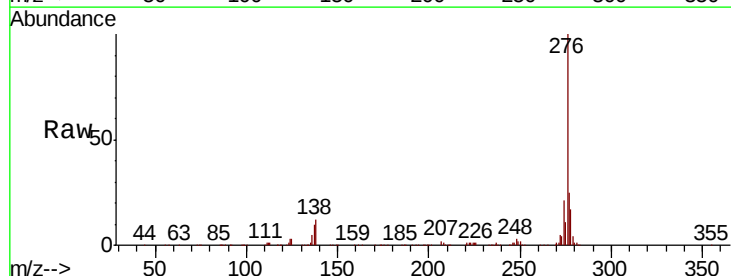


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BGC

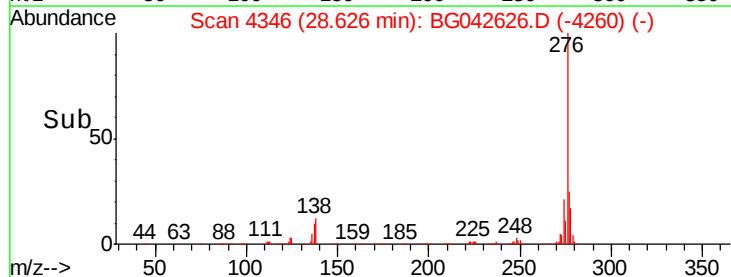
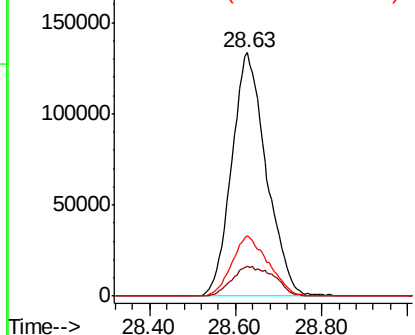


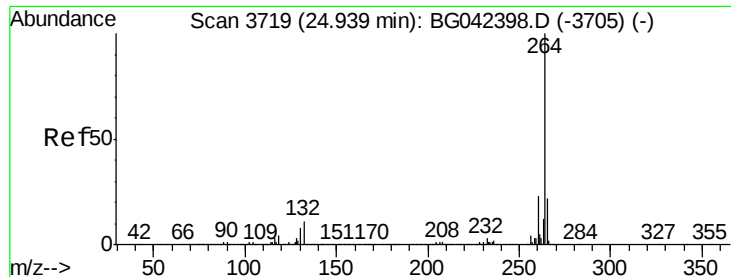
#86
Indeno(1,2,3-cd)pyrene
Concen: 41.404 ng
RT: 28.63 min Scan# 4346
Delta R.T. -0.03 min
Lab File: BG042626.D
Acq: 31 Aug 2019 9:27

Tgt Ion	Ratio	Lower	Upper
276	100		
138	15.0	9.2	13.8#
277	25.9	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: 24.92 min Scan# 3715

Delta R.T. -0.02 min

Lab File: BG042626.D

Acq: 31 Aug 2019 9:27

Instrument :

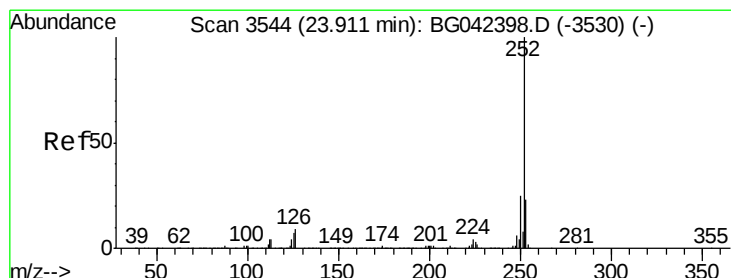
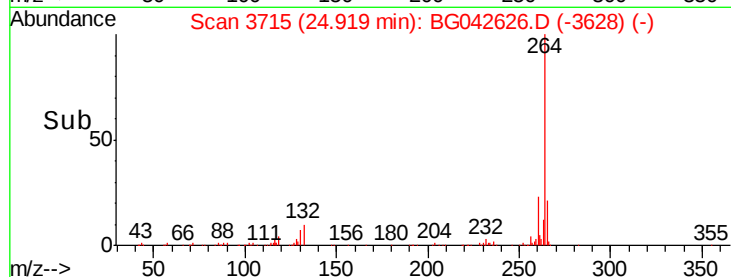
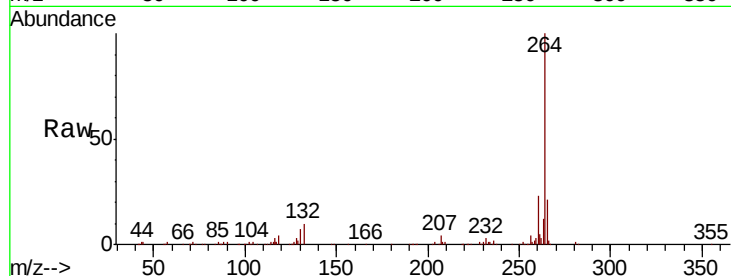
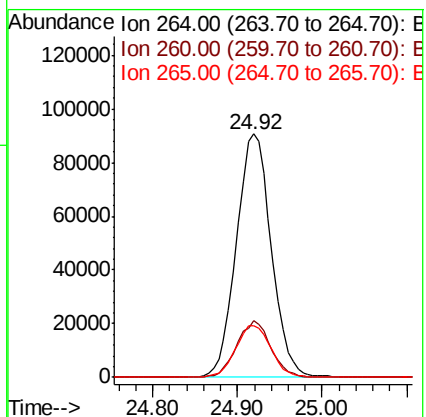
BNA_G

ClientSampleId :

PB122684BS

Tot Ion:264 Resp: 259385

Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.5	27.7
265	21.5	17.6	26.4



#88

Benzo(b)fluoranthene

Concen: 45.082 ng m

RT: 23.89 min Scan# 3540

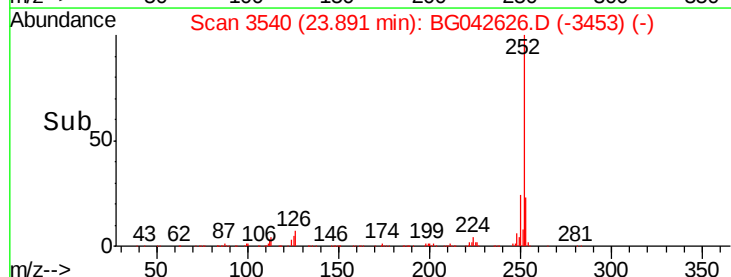
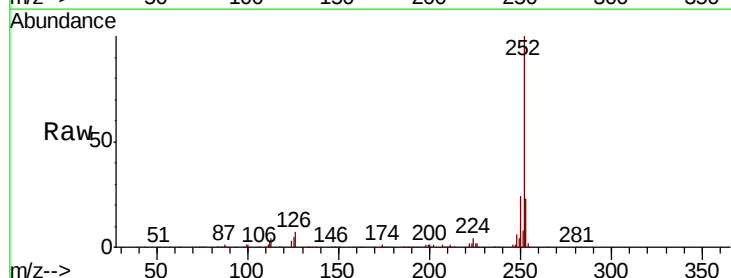
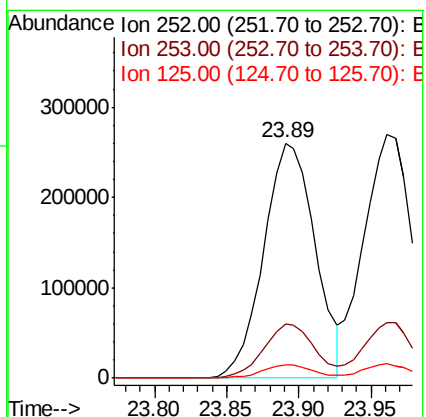
Delta R.T. -0.02 min

Lab File: BG042626.D

Acq: 31 Aug 2019 9:27

Tgt Ion:252 Resp: 642874

Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.6	27.8
125	5.5	5.6	8.4#





#89

Benzo(k)fluoranthene

Concen: 46.423 ng

RT: 23.96 min Scan# 3552

Delta R.T. -0.01 min

Lab File: BG042626.D

Acq: 31 Aug 2019 9:27

Instrument :

BNA_G

ClientSampleId :

PB122684BS

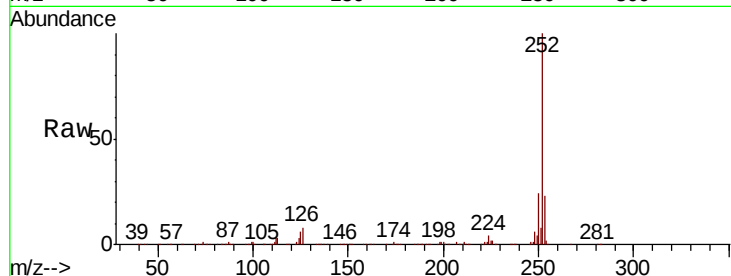
Tot Ion:252 Resp: 636318

Ion Ratio Lower Upper

252 100

253 22.8 18.6 27.8

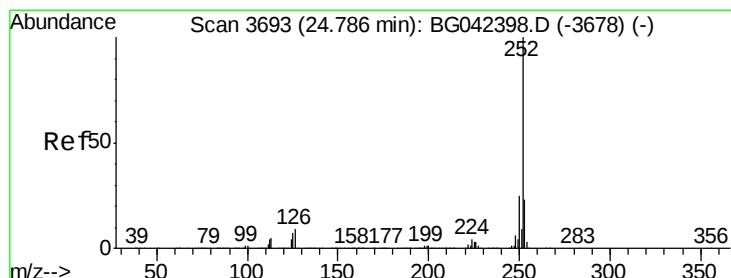
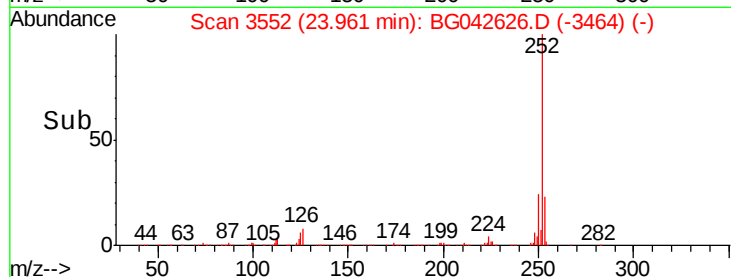
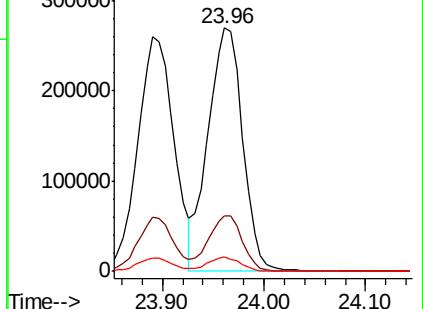
125 6.0 5.8 8.6



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: 46.933 ng

RT: 24.77 min Scan# 3690

Delta R.T. -0.01 min

Lab File: BG042626.D

Acq: 31 Aug 2019 9:27

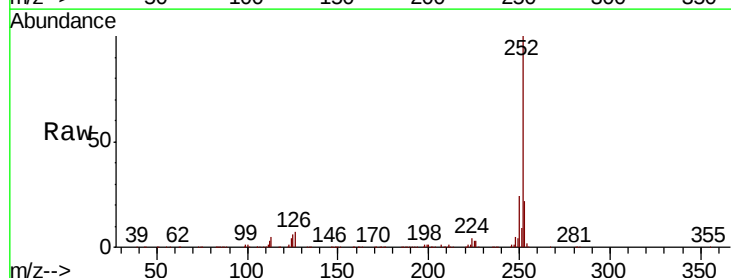
Tgt Ion:252 Resp: 635083

Ion Ratio Lower Upper

252 100

253 22.3 18.4 27.6

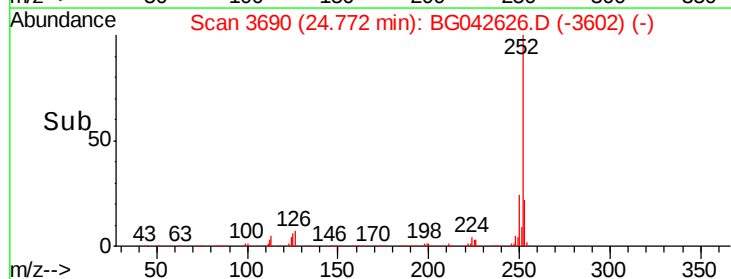
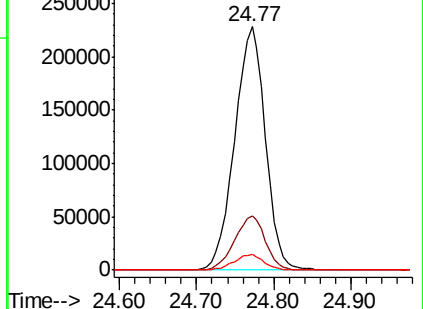
125 6.5 6.0 9.0

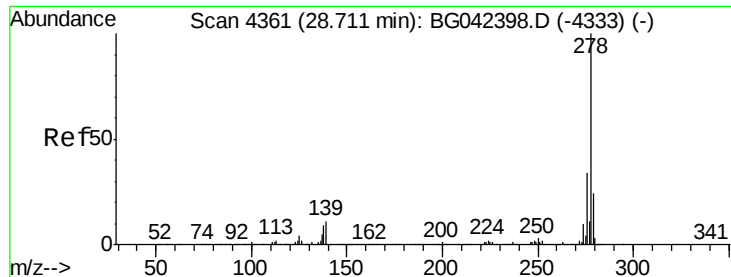


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 45.521 ng

RT: 28.68 min Scan# 4356

Delta R.T. -0.03 min

Lab File: BG042626.D

Acq: 31 Aug 2019 9:27

Instrument :

BNA_G

ClientSampleId :

PB122684BS

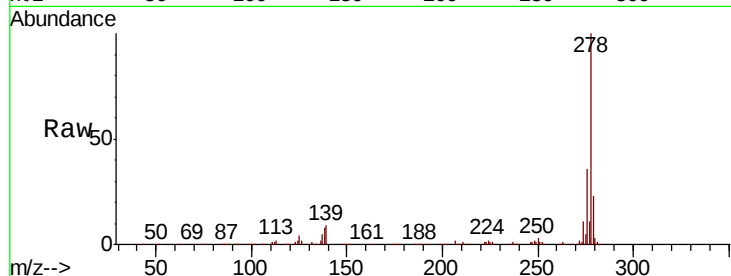
Tot Ion:278 Resp: 623679

Ion Ratio Lower Upper

278 100

139 8.9 8.8 13.2

279 23.3 19.1 28.7

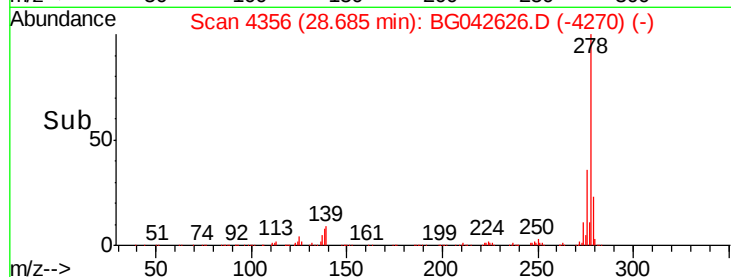


Abundance Ion 278.00 (277.70 to 278.70): E

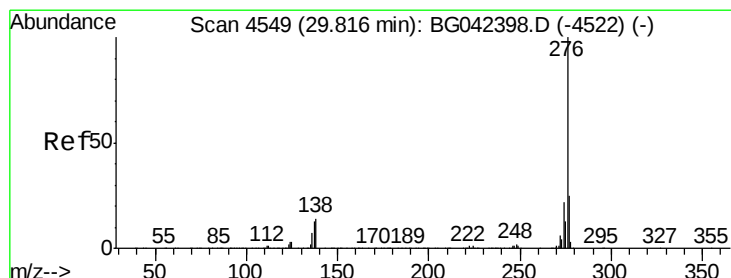
Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

28.68



Time--> 28.40 28.60 28.80



#92

Benzo(g,h,i)perylene

Concen: 45.748 ng

RT: 29.78 min Scan# 4543

Delta R.T. -0.03 min

Lab File: BG042626.D

Acq: 31 Aug 2019 9:27

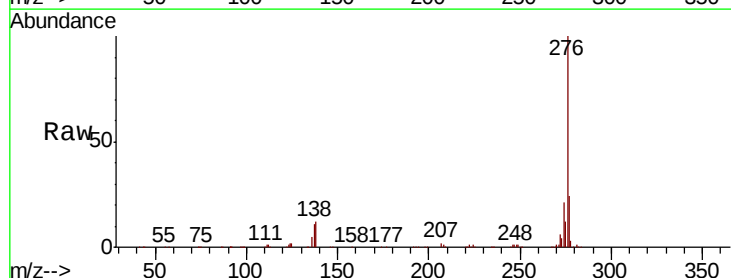
Tgt Ion:276 Resp: 626880

Ion Ratio Lower Upper

276 100

277 23.6 19.8 29.8

138 12.3 11.4 17.0

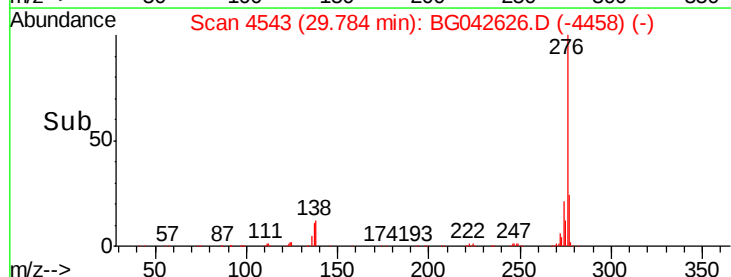


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

29.78



Time--> 29.60 29.80 30.00