

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG042820\
 Data File : BG045189.D
 Acq On : 28 Apr 2020 17:33
 Operator : CG/JU
 Sample : PB128517BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB128517BS

Quant Time: Apr 28 18:09:06 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 28 14:34:23 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	58814	20.00	ng	0.00
21) Naphthalene-d8	10.80	136	228927	20.00	ng	0.00
39) Acenaphthene-d10	14.63	164	169149	20.00	ng	0.00
64) Phenanthrene-d10	17.38	188	428836	20.00	ng	0.00
76) Chrysene-d12	21.65	240	432176	20.00	ng	0.00
87) Perylene-d12	24.82	264	487177	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.56	112	450179	126.37	ng	0.00
7) Phenol-d6	7.16	99	622943	117.69	ng	0.00
23) Nitrobenzene-d5	9.15	82	392328	78.20	ng	0.00
42) 2,4,6-Tribromophenol	16.13	330	312539	119.60	ng	0.00
45) 2-Fluorobiphenyl	13.25	172	934577	81.02	ng	0.00
79) Terphenyl-d14	19.99	244	1811649	91.37	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.45	88	64866	40.971	ng	99
3) Pyridine	3.84	79	167651	34.393	ng	99
4) n-Nitrosodimethylamine	3.76	42	63534	42.546	ng	# 94
6) Aniline	7.31	93	189448	27.529	ng	99
8) 2-Chlorophenol	7.55	128	170698	44.584	ng	97
9) Benzaldehyde	7.12	77	73205	20.295	ng	97
10) Phenol	7.18	94	225392	42.555	ng	96
11) bis(2-Chloroethyl)ether	7.40	93	155247	36.815	ng	99
12) 1,3-Dichlorobenzene	7.88	146	187978	41.666	ng	96
13) 1,4-Dichlorobenzene	8.02	146	188070	41.835	ng	98
14) 1,2-Dichlorobenzene	8.35	146	175584	40.826	ng	96
15) Benzyl Alcohol	8.23	79	164131	36.986	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.52	45	146736	35.448	ng	95
17) 2-Methylphenol	8.44	107	154601	37.832	ng	96
18) Hexachloroethane	9.08	117	73404	43.434	ng	99
19) n-Nitroso-di-n-propylamine	8.80	70	138685	37.050	ng	98
20) 3+4-Methylphenols	8.76	107	207697	36.311	ng	99
22) Acetophenone	8.81	105	258134	41.697	ng	98
24) Nitrobenzene	9.19	77	211315	41.090	ng	# 95
25) Isophorone	9.72	82	395982	38.541	ng	99
26) 2-Nitrophenol	9.90	139	95582	43.148	ng	99
27) 2,4-Dimethylphenol	9.97	122	155641	44.280	ng	93
28) bis(2-Chloroethoxy)methane	10.20	93	219248	40.614	ng	98
29) 2,4-Dichlorophenol	10.45	162	178239	43.916	ng	98
30) 1,2,4-Trichlorobenzene	10.66	180	196106	42.676	ng	99
31) Naphthalene	10.85	128	521923	41.676	ng	99
32) Benzoic acid	10.11	122	106646	38.944	ng	92
33) 4-Chloroaniline	10.95	127	75526	12.931	ng	97
34) Hexachlorobutadiene	11.14	225	134579	42.716	ng	98
35) Caprolactam	11.71	113	35518	21.988	ng	96
36) 4-Chloro-3-methylphenol	12.08	107	205714	43.146	ng	98
37) 2-Methylnaphthalene	12.46	142	406241	41.792	ng	99
38) 1-Methylnaphthalene	12.68	142	388739	42.362	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.83	216	225526	41.410	ng	99

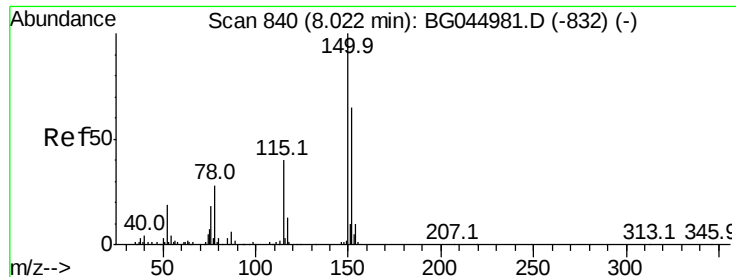
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG042820\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.81	237	331965	97.524	nq	96
43) 2,4,6-Trichlorophenol	13.06	196	161036	41.896	nq	91
44) 2,4,5-Trichlorophenol	13.14	196	171177	39.125	nq	99
46) 1,1'-Biphenyl	13.46	154	514311	40.004	nq	100
47) 2-Chloronaphthalene	13.51	162	393957	40.103	nq	98
48) 2-Nitroaniline	13.70	65	128780	39.843	nq	95
49) Acenaphthylene	14.36	152	675445	42.212	nq	99
50) Dimethylphthalate	14.09	163	565839	41.084	nq	98
51) 2,6-Dinitrotoluene	14.20	165	126440	41.044	nq	99
52) Acenaphthene	14.70	154	404472	37.360	nq	98
53) 3-Nitroaniline	14.53	138	76166	22.543	nq	97
54) 2,4-Dinitrophenol	14.74	184	172285	94.051	nq	95
55) Dibenzofuran	15.03	168	656920	41.619	nq	99
56) 4-Nitrophenol	14.84	139	216084	82.484	nq	98
57) 2,4-Dinitrotoluene	14.99	165	184785	41.045	nq	# 96
58) Fluorene	15.68	166	552649	42.865	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.26	232	175008	44.956	nq	99
60) Diethylphthalate	15.45	149	594723	41.416	nq	99
61) 4-Chlorophenyl-phenylether	15.67	204	302560	40.771	nq	99
62) 4-Nitroaniline	15.70	138	131257	37.455	nq	97
63) Azobenzene	15.97	77	557990	42.147	nq	98
65) 4,6-Dinitro-2-methylphenol	15.75	198	123953	43.974	nq	95
66) n-Nitrosodiphenylamine	15.88	169	498569	40.464	nq	99
67) 4-Bromophenyl-phenylether	16.57	248	217381	39.293	nq	98
68) Hexachlorobenzene	16.69	284	234246	40.826	nq	96
69) Atrazine	16.84	200	211816	47.386	nq	99
70) Pentachlorophenol	17.04	266	301082	85.538	nq	98
71) Phenanthrene	17.42	178	935497	42.452	nq	99
72) Anthracene	17.51	178	961852	43.513	nq	99
73) Carbazole	17.78	167	908413	40.496	nq	98
74) Di-n-butylphthalate	18.35	149	1121645	46.079	nq	99
75) Fluoranthene	19.43	202	1258816	49.172	nq	99
77) Benzidine	19.61	184	706290	58.167	nq	97
78) Pyrene	19.79	202	1243593	41.739	nq	98
80) Butylbenzylphthalate	20.68	149	516918	41.855	nq	98
81) Benzo(a)anthracene	21.62	228	1194179	42.632	nq	99
82) 3,3'-Dichlorobenzidine	21.54	252	291465	26.143	nq	99
83) Chrysene	21.69	228	1181133	43.886	nq	98
84) Bis(2-ethylhexyl)phthalate	21.54	149	730124	42.985	nq	100
85) Di-n-octyl phthalate	22.75	149	1254640	42.715	nq	100
86) Indeno(1,2,3-cd)pyrene	28.43	276	1576154	44.109	nq	99
88) Benzo(b)fluoranthene	23.81	252	1321538	43.306	nq	99
89) Benzo(k)fluoranthene	23.89	252	1284895	44.274	nq	97
90) Benzo(a)pyrene	24.67	252	1221127	42.382	nq	98
91) Dibenzo(a,h)anthracene	28.49	278	1260542	43.418	nq	96
92) Benzo(g,h,i)perylene	29.55	276	1271677	43.690	nq	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.99 min Scan# 834

Delta R.T. 0.00 min

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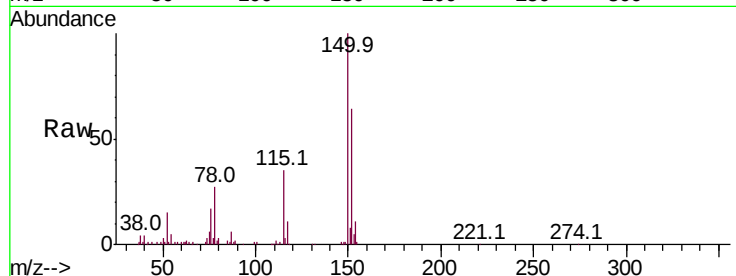
Tot Ion:152 Resp: 58814

Ion Ratio Lower Upper

152 100

150 155.2 123.6 185.4

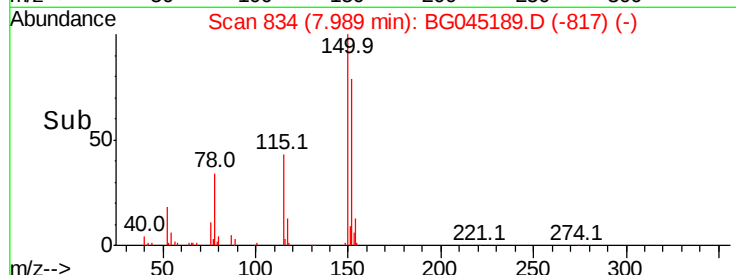
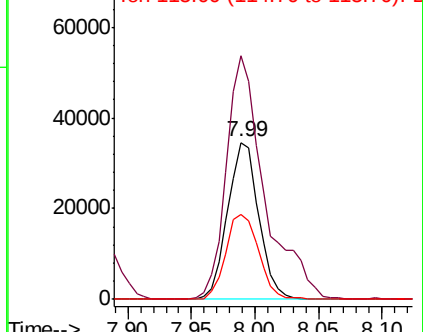
115 53.9 49.1 73.7



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: 40.971 ng

RT: 3.45 min Scan# 61

Delta R.T. -0.00 min

Lab File: BG045189.D

Acq: 28 Apr 2020 17:33

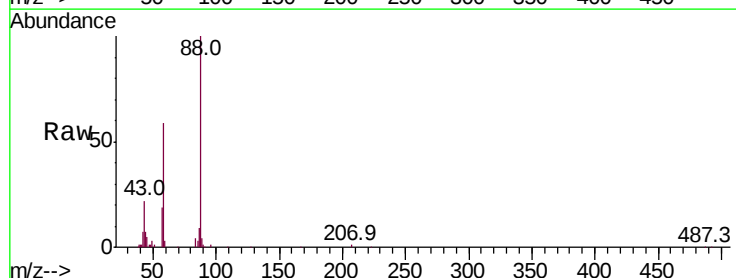
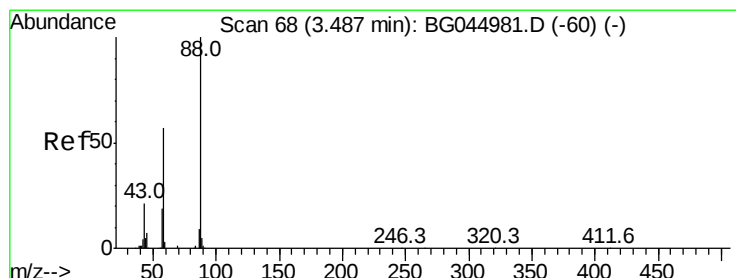
Tgt Ion: 88 Resp: 64866

Ion Ratio Lower Upper

88 100

58 59.5 46.6 69.8

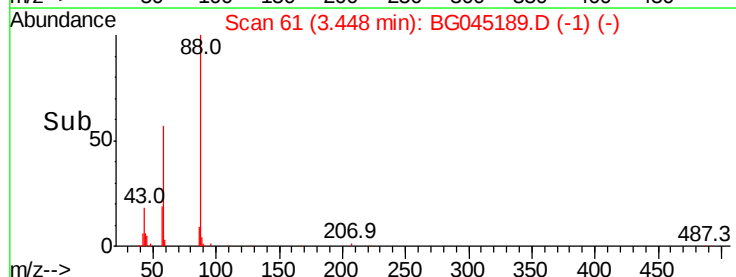
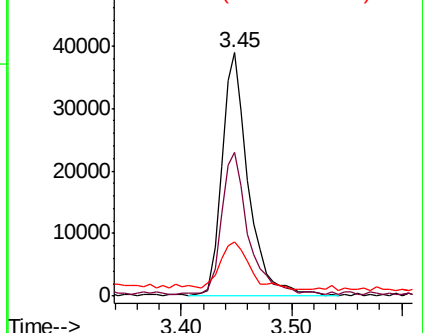
43 22.2 17.5 26.3

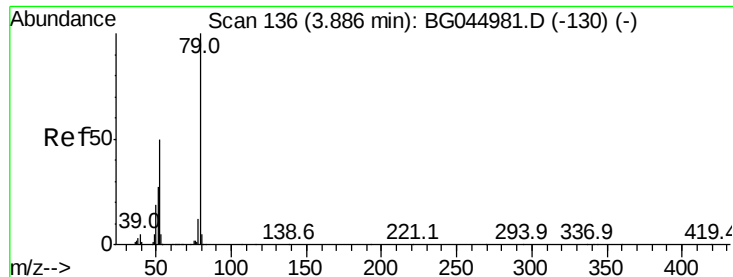


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 34.393 ng

RT: 3.84 min Scan# 128

Delta R.T. -0.00 min

Lab File: BG045189.D

Acq: 28 Apr 2020 17:33

Instrument :

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ClientSampleId :

PB128517BS

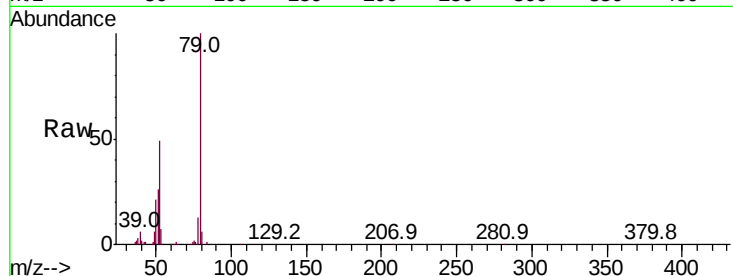
Tot Ion: 79 Resp: 167651

Ion Ratio Lower Upper

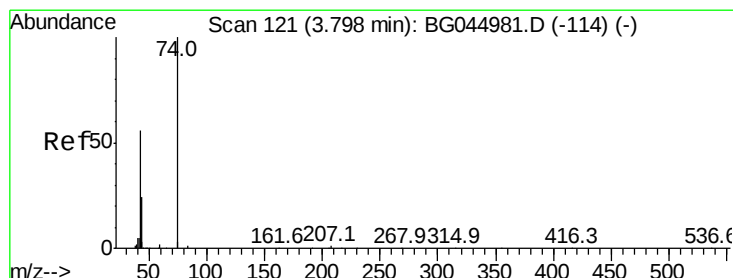
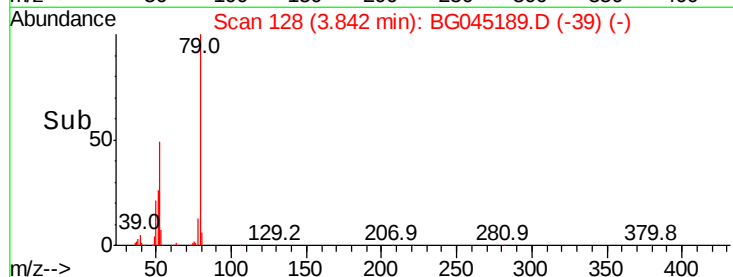
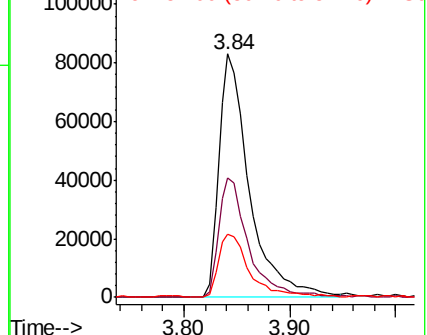
79 100

52 49.3 39.8 59.6

51 26.0 21.4 32.2



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: 42.546 ng

RT: 3.76 min Scan# 114

Delta R.T. 0.00 min

Lab File: BG045189.D

Acq: 28 Apr 2020 17:33

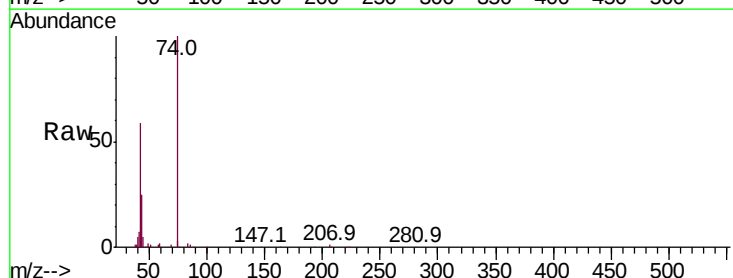
Tgt Ion: 42 Resp: 63534

Ion Ratio Lower Upper

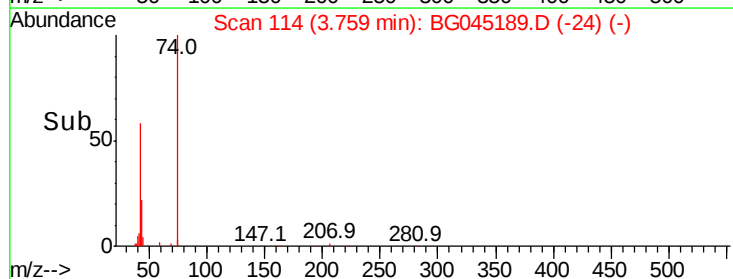
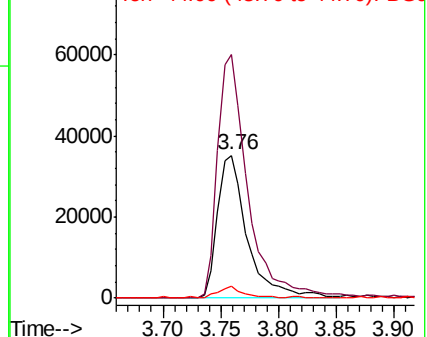
42 100

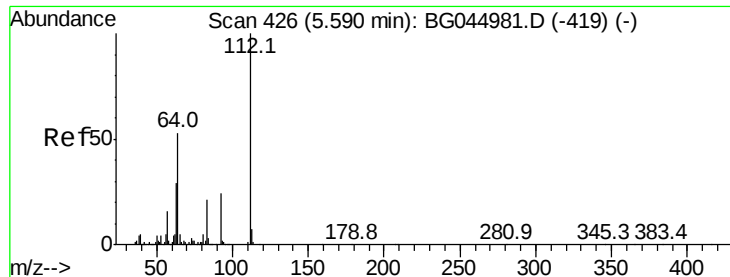
74 170.3 143.0 214.6

44 7.9 4.6 6.8#



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: 126.368 ng

RT: 5.56 min Scan# 421

Delta R.T. 0.00 min

Lab File: BG045189.D

Acq: 28 Apr 2020 17:33

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BNA_G

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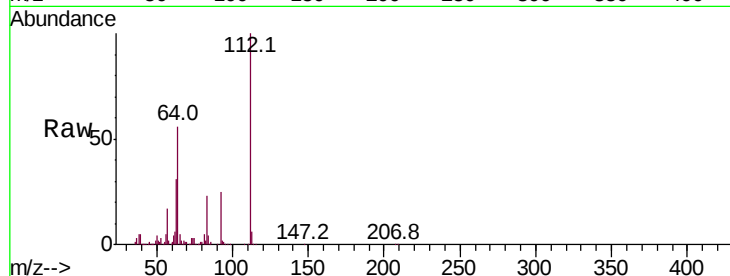
Tot Ion:112 Resp: 450179

Ion Ratio Lower Upper

112 100

64 56.1 42.4 63.6

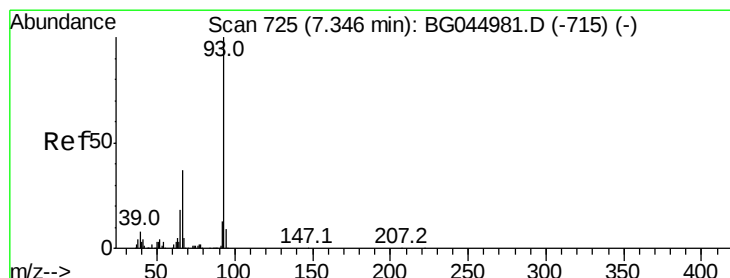
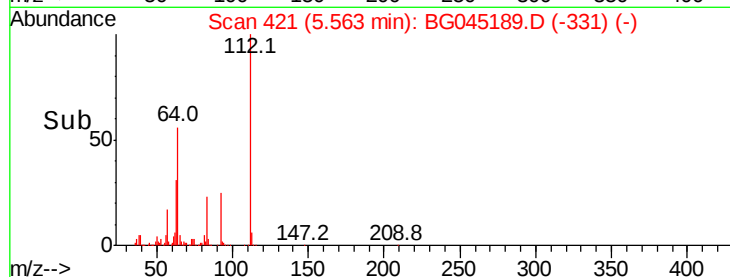
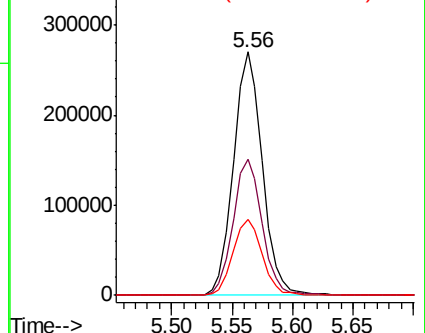
63 31.3 23.1 34.7



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: 27.529 ng

RT: 7.31 min Scan# 719

Delta R.T. 0.00 min

Lab File: BG045189.D

Acq: 28 Apr 2020 17:33

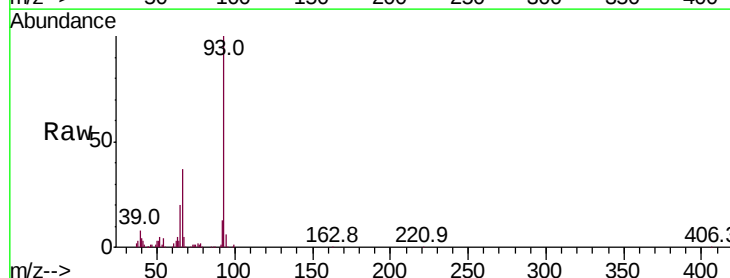
Tgt Ion: 93 Resp: 189448

Ion Ratio Lower Upper

93 100

66 37.2 29.8 44.8

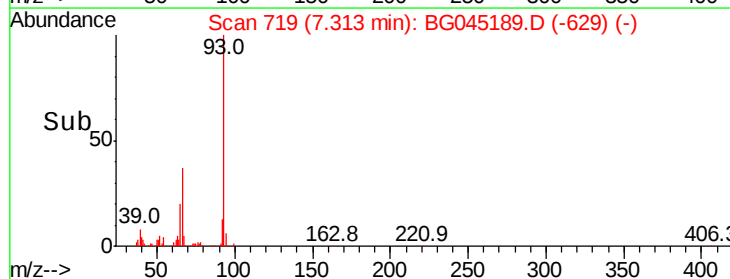
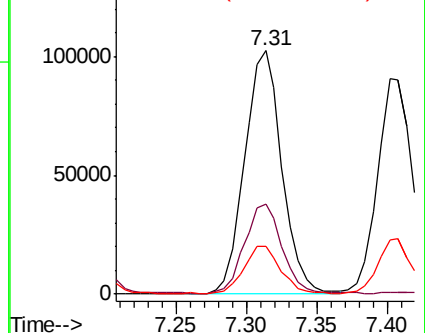
65 19.6 14.6 22.0

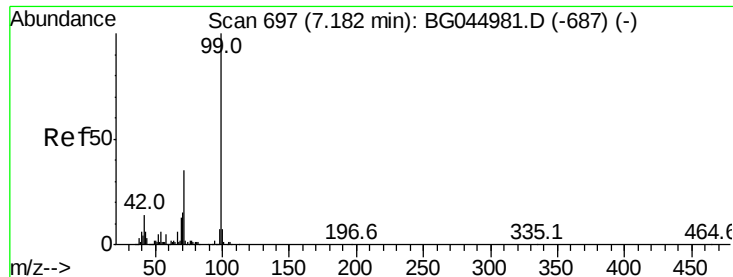


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 117.694 ng

RT: 7.16 min Scan# 693

Delta R.T. 0.01 min

Lab File: BG045189.D

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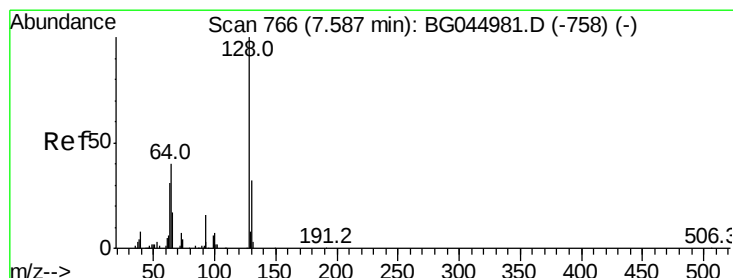
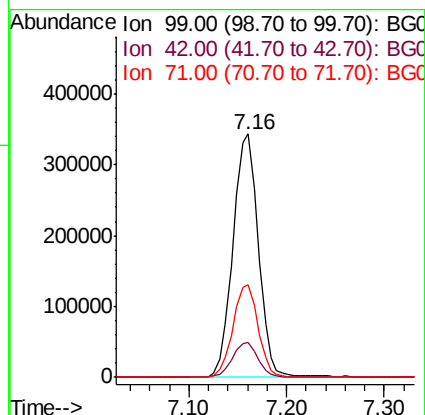
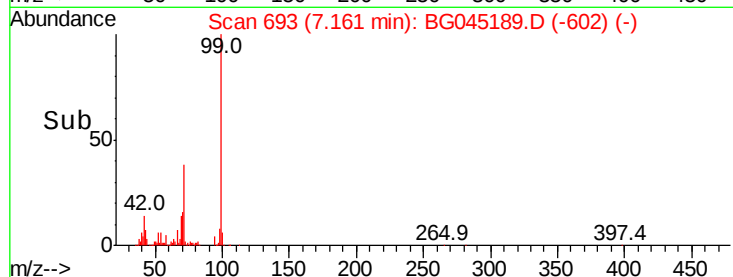
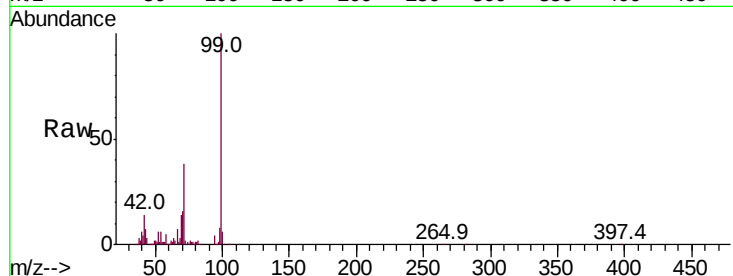
Tot Ion: 99 Resp: 622943

Ion Ratio Lower Upper

99 100

42 14.3 11.3 16.9

71 37.8 28.3 42.5



#8

2-Chlorophenol

Concen: 44.584 ng

RT: 7.55 min Scan# 760

Delta R.T. 0.00 min

Lab File: BG045189.D

Acq: 28 Apr 2020 17:33

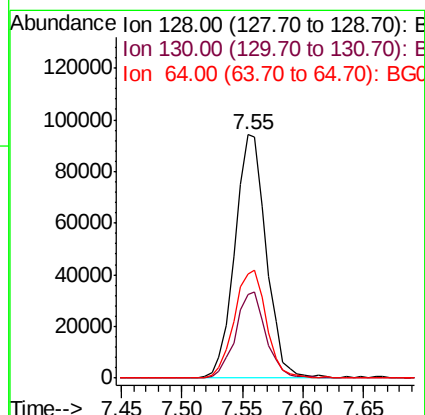
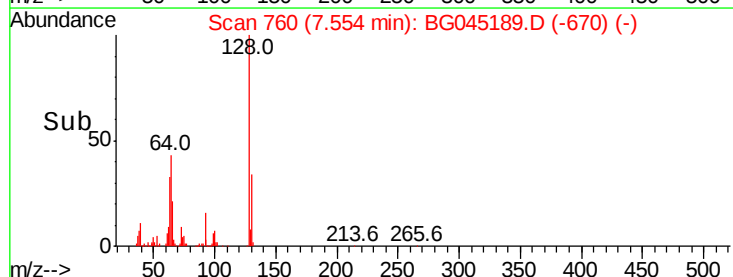
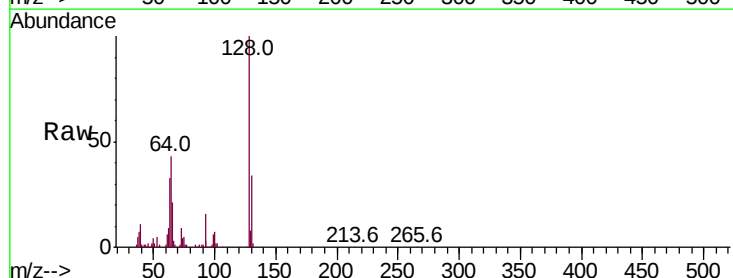
Tgt Ion: 128 Resp: 170698

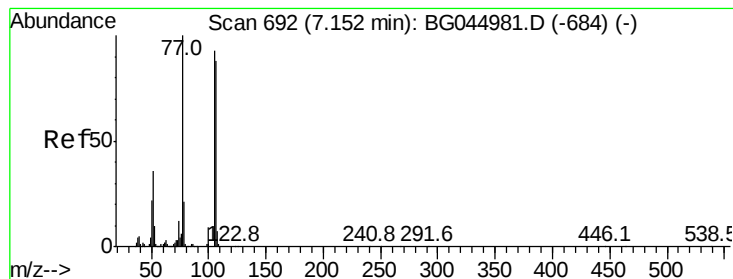
Ion Ratio Lower Upper

128 100

130 34.4 12.3 52.3

64 43.0 24.4 64.4





#9

Benzaldehyde

Concen: 20.295 ng

RT: 7.12 min Scan# 686

Delta R.T. 0.00 min

Lab File: BG045189.D

Acq: 28 Apr 2020 17:33

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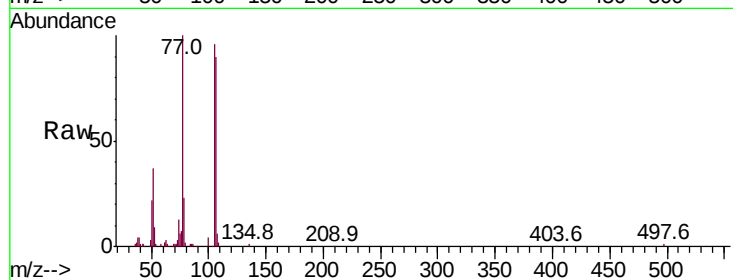
Tot Ion: 77 Resp: 73205

Ion Ratio Lower Upper

77 100

105 96.3 72.9 112.9

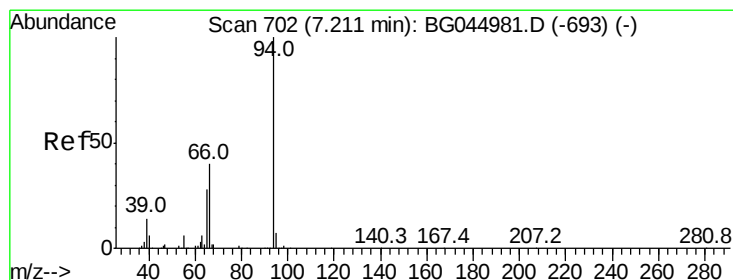
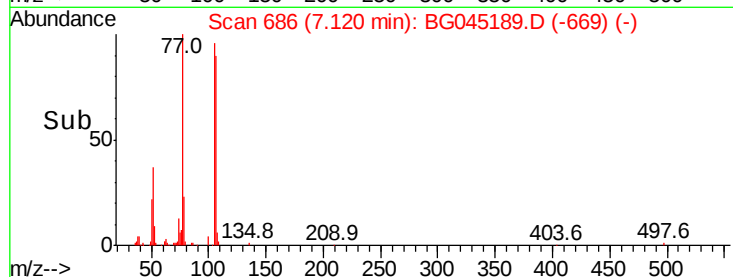
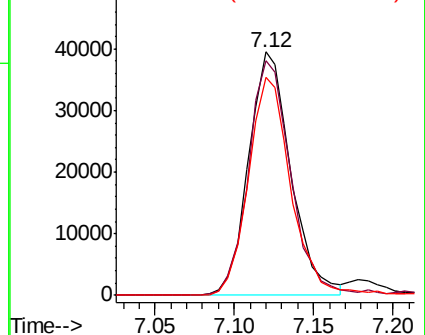
106 89.6 67.6 107.6



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: 42.555 ng

RT: 7.18 min Scan# 697

Delta R.T. 0.00 min

Lab File: BG045189.D

Acq: 28 Apr 2020 17:33

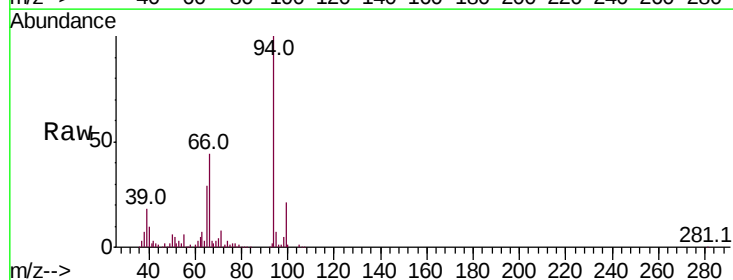
Tgt Ion: 94 Resp: 225392

Ion Ratio Lower Upper

94 100

65 29.1 8.2 48.2

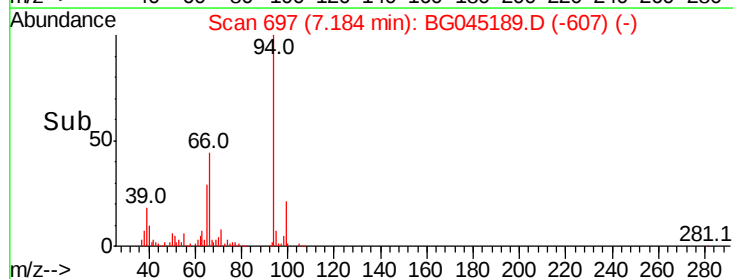
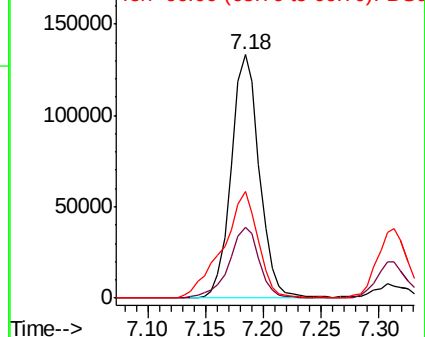
66 43.8 20.4 60.4

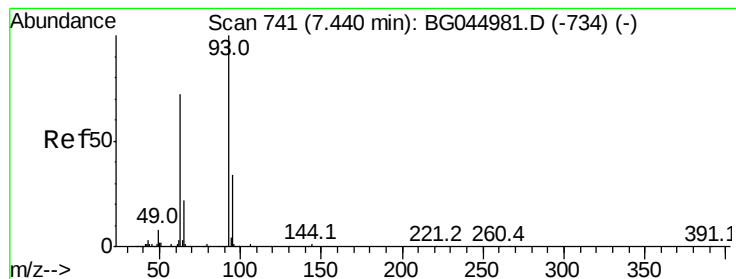


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC





#11

bis(2-Chloroethyl)ether

Concen: 36.815 ng

RT: 7.40 min Scan# 734

Delta R.T. -0.00 min

Lab File: BG045189.D

Acq: 28 Apr 2020 17:33

Instrument :

BNA_G

ClientSampleId :

PB128517BS

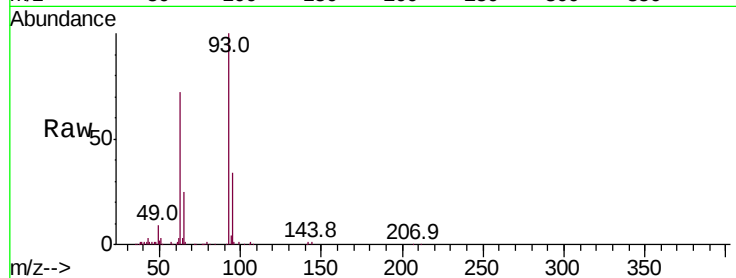
Tot Ion: 93 Resp: 155247

Ion Ratio Lower Upper

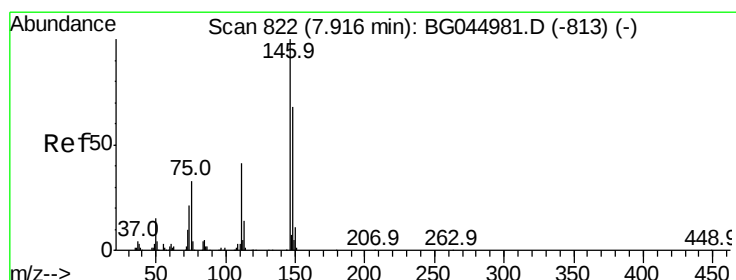
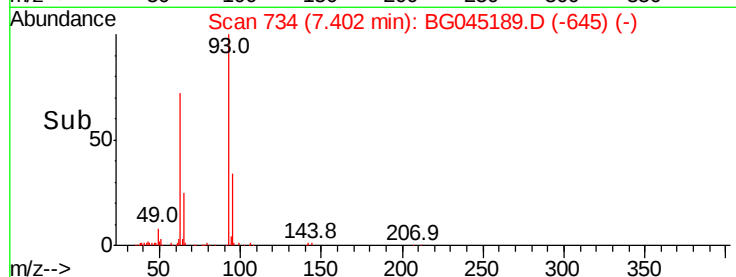
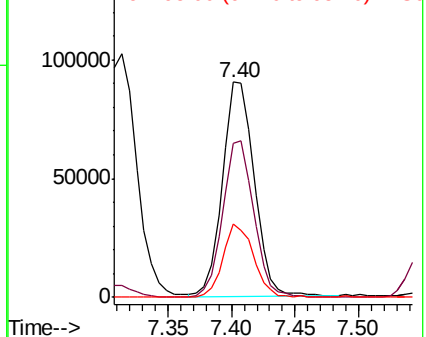
93 100

63 71.6 51.8 91.8

95 34.4 13.8 53.8



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



#12

1,3-Dichlorobenzene

Concen: 41.666 ng

RT: 7.88 min Scan# 815

Delta R.T. -0.00 min

Lab File: BG045189.D

Acq: 28 Apr 2020 17:33

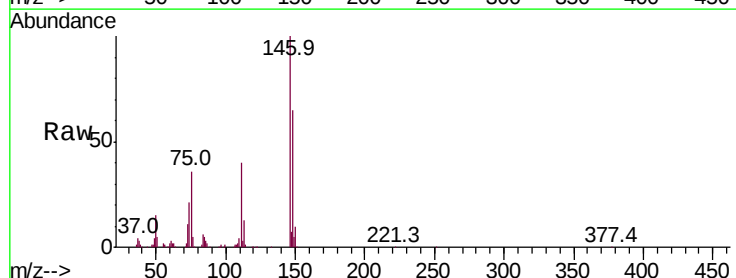
Tgt Ion: 146 Resp: 187978

Ion Ratio Lower Upper

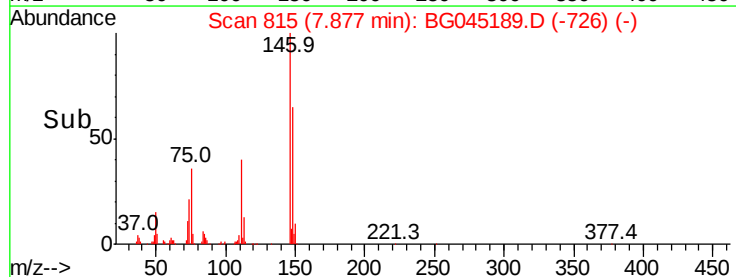
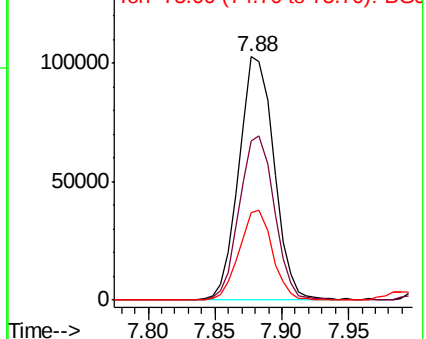
146 100

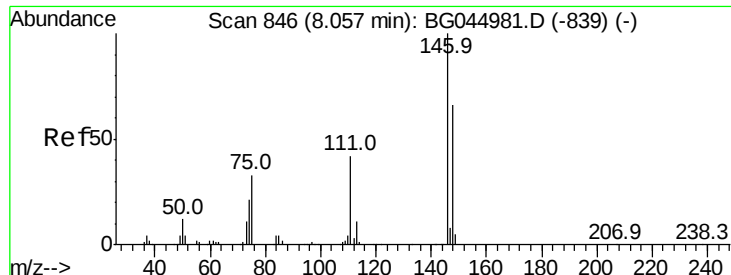
148 65.5 54.6 81.8

75 36.0 26.0 39.0



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

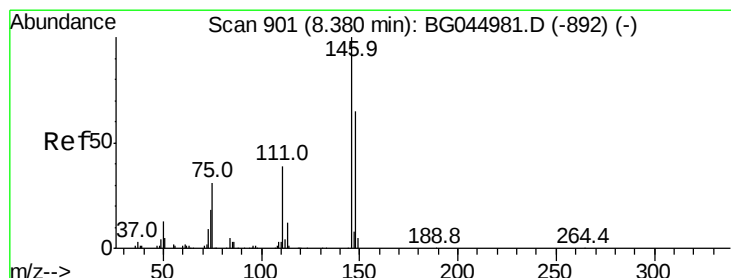
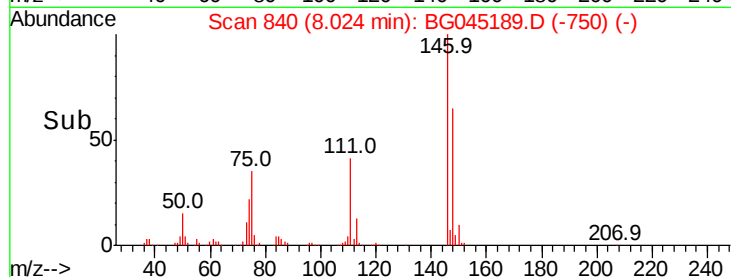
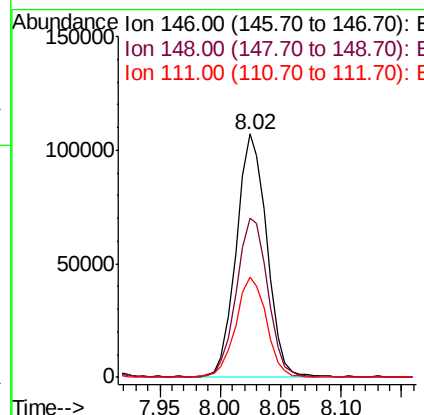
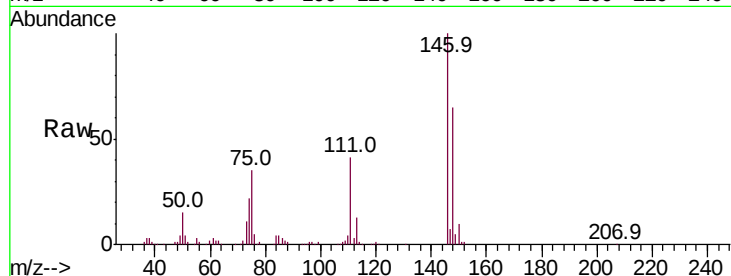




#13
 1,4-Dichlorobenzene
 Concen: 41.835 ng
 RT: 8.02 min Scan# 840
 Delta R.T. 0.00 min
 Lab File: BG045189.D
 Acq: 28 Apr 2020 17:33

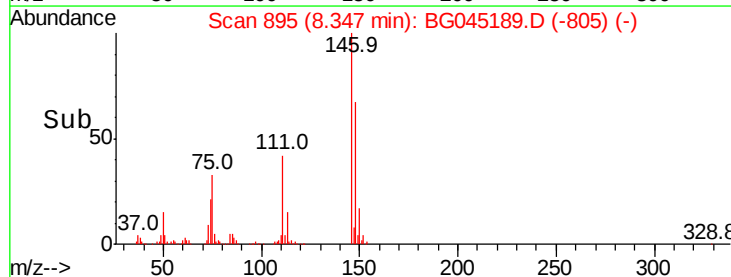
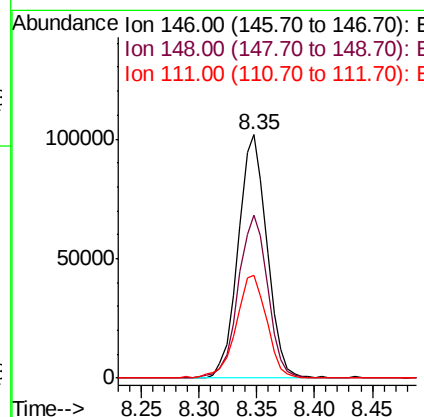
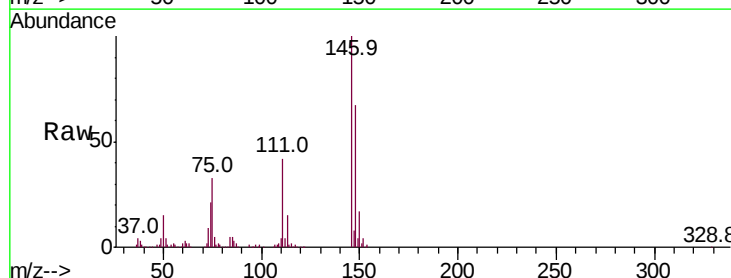
Instrument :
 BNA_G
 ClientSampleId :
 PB128517BS

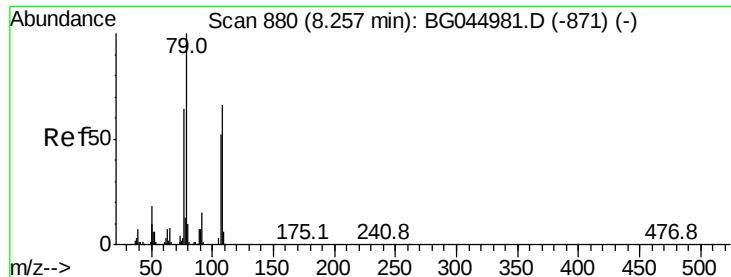
Tot Ion:146 Resp: 188070
 Ion Ratio Lower Upper
 146 100
 148 65.4 53.3 79.9
 111 41.3 33.8 50.8



#14
 1,2-Dichlorobenzene
 Concen: 40.826 ng
 RT: 8.35 min Scan# 895
 Delta R.T. 0.00 min
 Lab File: BG045189.D
 Acq: 28 Apr 2020 17:33

Tgt Ion:146 Resp: 175584
 Ion Ratio Lower Upper
 146 100
 148 67.1 51.9 77.9
 111 42.0 31.3 46.9





#15

Benzyl Alcohol

Concen: 36.986 ng

RT: 8.23 min Scan# 875

Delta R.T. 0.00 min

Lab File: BG045189.D

Acq: 28 Apr 2020 17:33

Instrument :

BNA_G

ClientSampleId :

PB128517BS

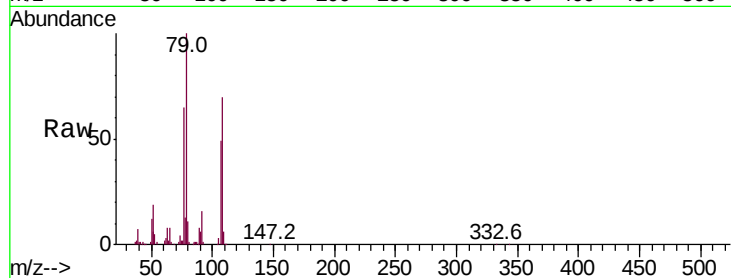
Tot Ion: 79 Resp: 164131

Ion Ratio Lower Upper

79 100

108 69.7 52.7 79.1

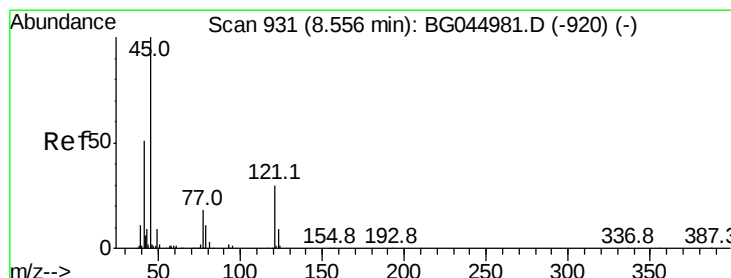
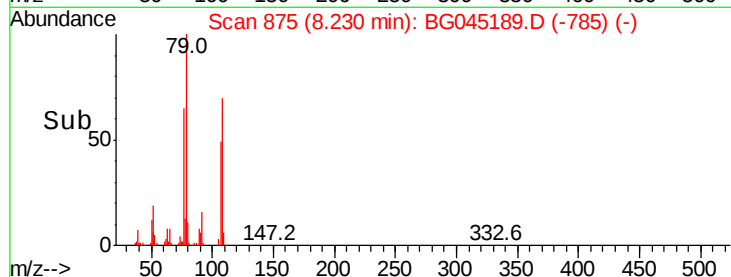
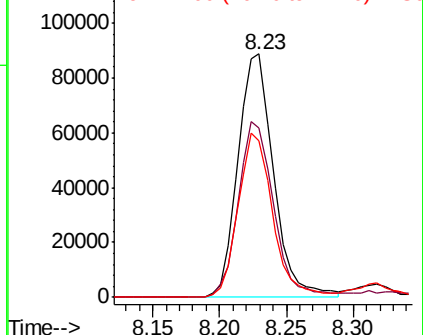
77 64.5 51.3 76.9



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: 35.448 ng

RT: 8.52 min Scan# 924

Delta R.T. 0.00 min

Lab File: BG045189.D

Acq: 28 Apr 2020 17:33

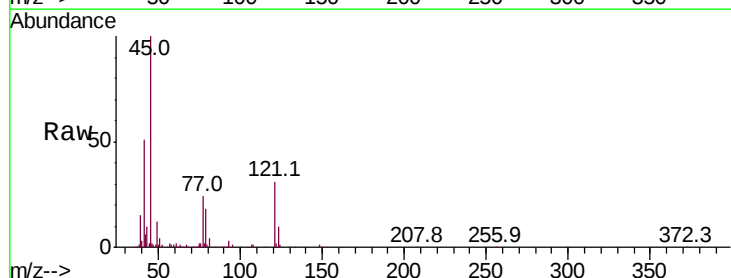
Tgt Ion: 45 Resp: 146736

Ion Ratio Lower Upper

45 100

77 24.2 1.9 41.9

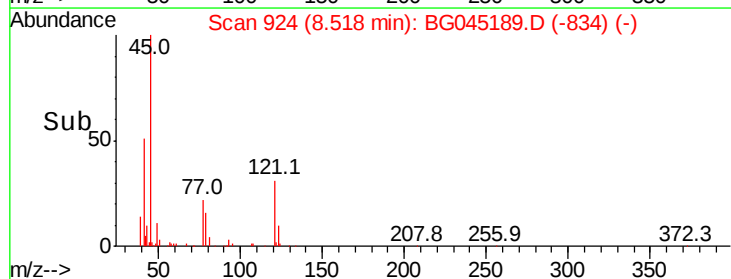
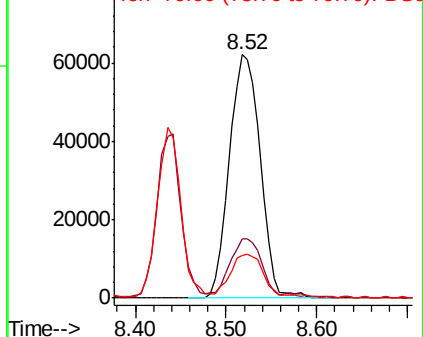
79 17.6 0.0 35.5

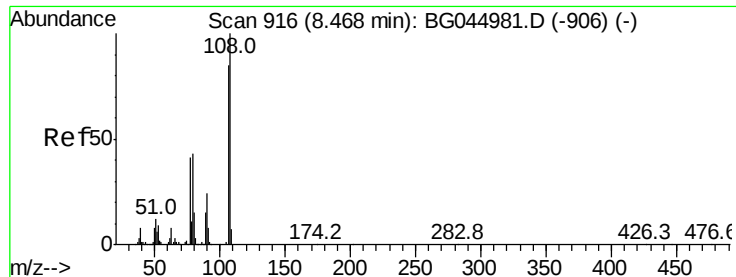


Abundance Ion 45.00 (44.70 to 45.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC





#17

2-Methylphenol

Concen: 37.832 ng

RT: 8.44 min Scan# 910

Delta R.T. 0.00 min

Lab File: BG045189.D

Acq: 28 Apr 2020 17:33

Instrument :

BNA_G

ClientSampleId :

PB128517BS

Tot Ion:107 Resp: 154601

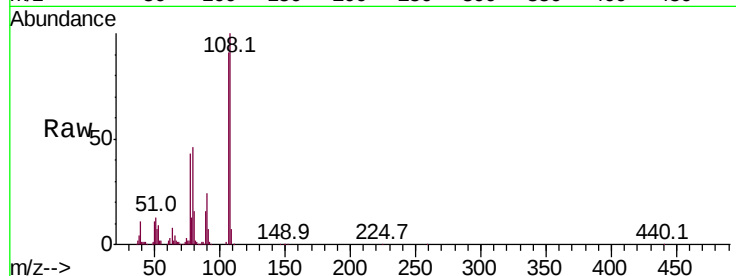
Ion Ratio Lower Upper

107 100

108 110.3 93.8 140.6

77 47.4 38.5 57.7

79 50.4 40.1 60.1

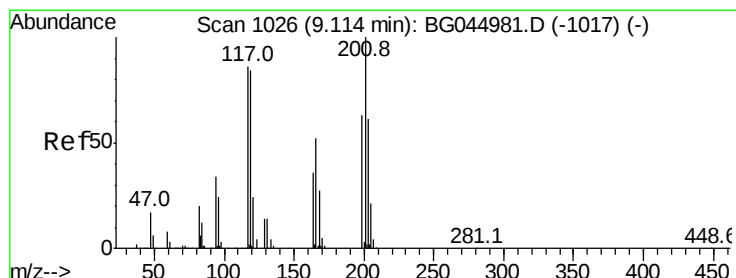
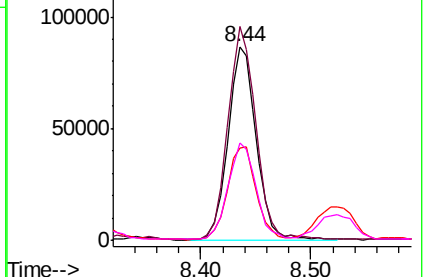
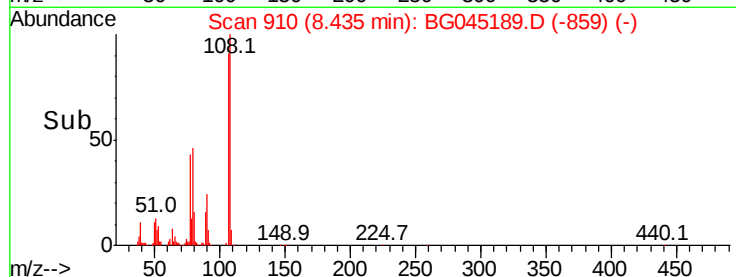


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 43.434 ng

RT: 9.08 min Scan# 1020

Delta R.T. 0.00 min

Lab File: BG045189.D

Acq: 28 Apr 2020 17:33

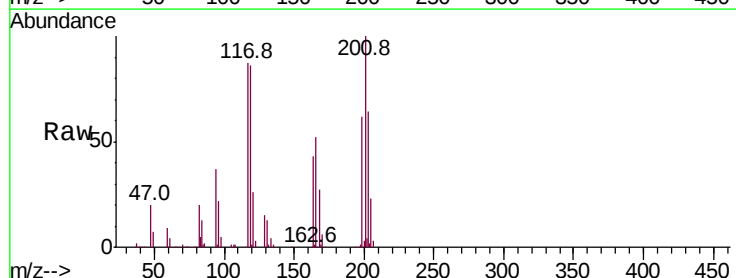
Tgt Ion:117 Resp: 73404

Ion Ratio Lower Upper

117 100

119 99.2 78.3 117.5

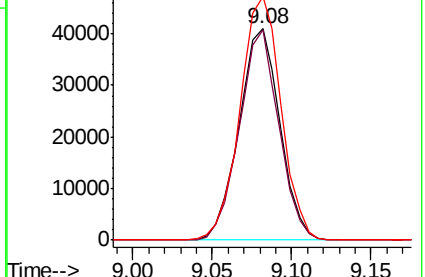
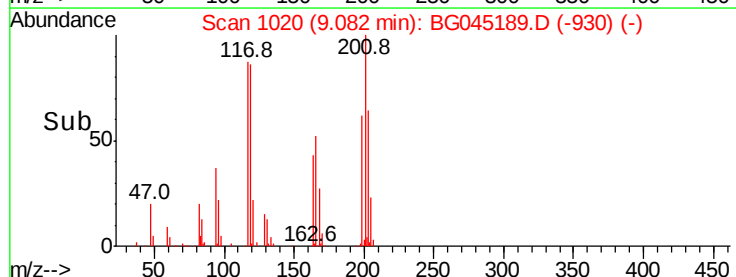
201 115.2 92.9 139.3

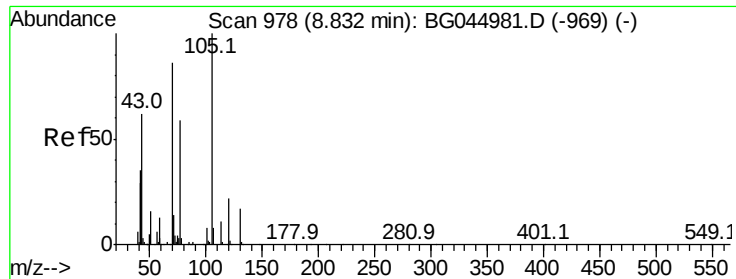


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

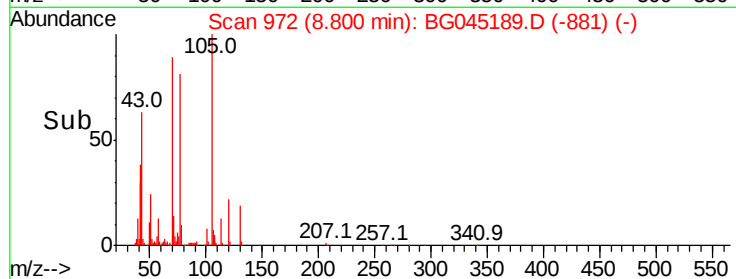
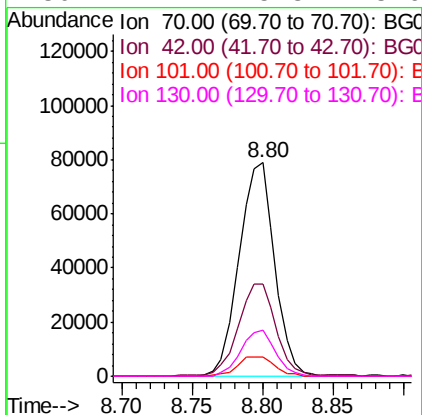
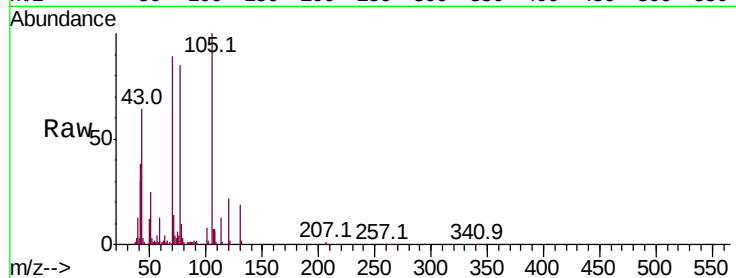




#19
n-Nitroso-di-n-propylamine
Concen: 37.050 ng
RT: 8.80 min Scan# 972
Delta R.T. 0.01 min
Lab File: BG045189.D
Acq: 28 Apr 2020 17:33

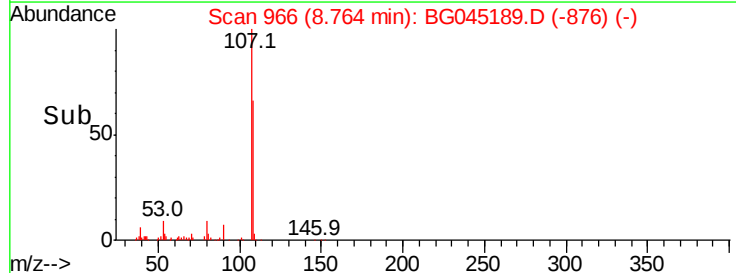
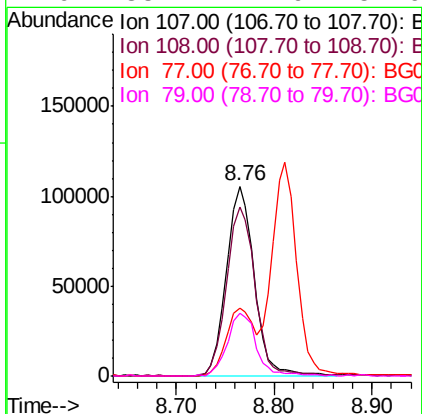
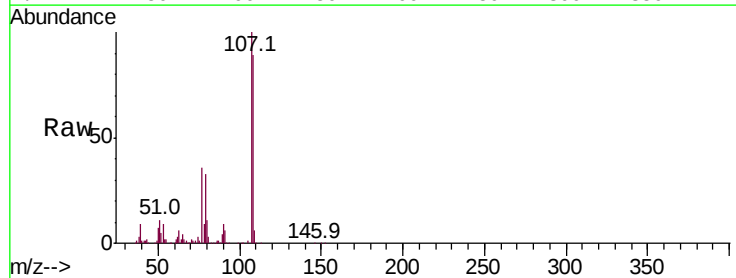
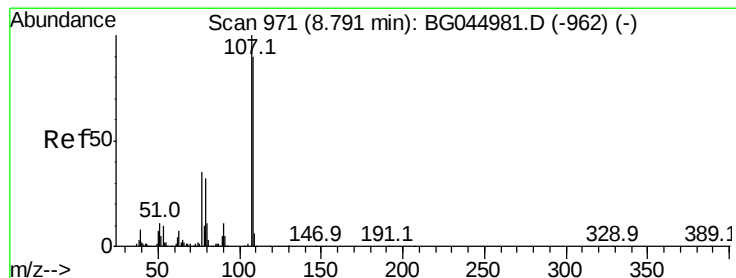
Instrument :
BNA_G
ClientSampleId :
PB128517BS

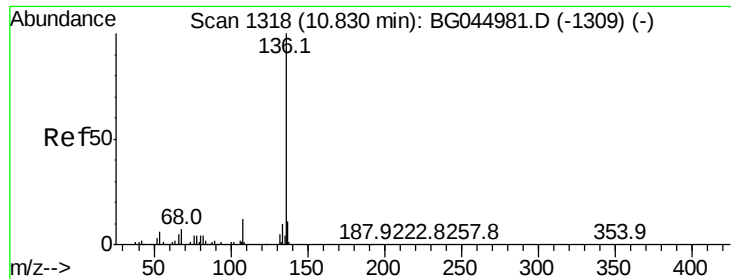
Tot Ion:	70	Resp:	138685
Ion	Ratio	Lower	Upper
70	100		
42	42.9	33.3	49.9
101	9.1	7.8	11.8
130	21.4	15.8	23.6



#20
3+4-Methylphenols
Concen: 36.311 ng
RT: 8.76 min Scan# 966
Delta R.T. 0.00 min
Lab File: BG045189.D
Acq: 28 Apr 2020 17:33

Tgt Ion:	107	Resp:	207697
Ion	Ratio	Lower	Upper
107	100		
108	89.4	69.9	109.9
77	35.9	15.2	55.2
79	33.2	11.6	51.6

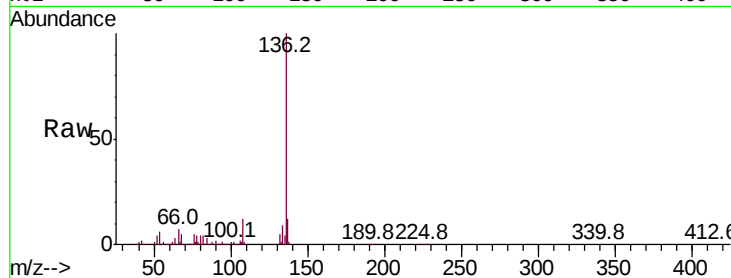




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.80 min Scan# 1312
Delta R.T. -0.00 min
Lab File: BG045189.D
Acq: 28 Apr 2020 17:33

Instrument :
BNA_G
ClientSampleId :
PB128517BS

Tot Ion:136	Resp:	228927
Ion Ratio	Lower	Upper
136	100	
137	11.7	8.6 13.0
54	6.1	4.8 7.2
68	4.8	5.2 7.8#



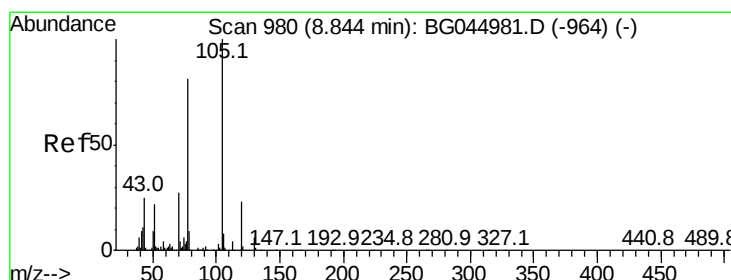
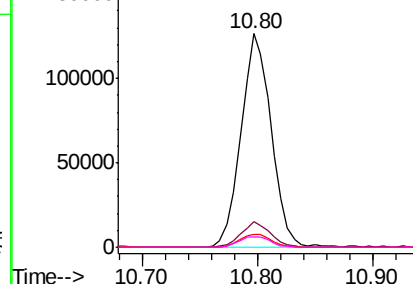
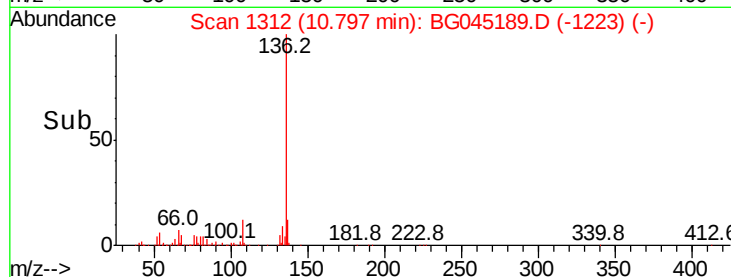
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

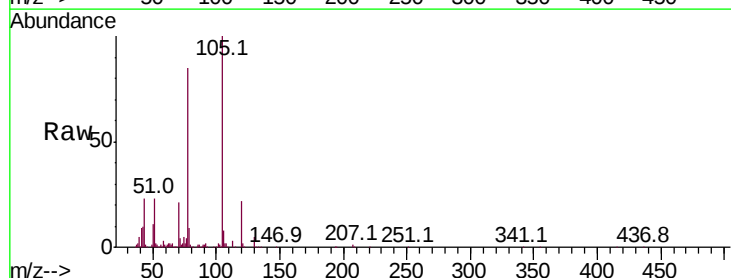
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 41.697 ng
RT: 8.81 min Scan# 974
Delta R.T. 0.00 min
Lab File: BG045189.D
Acq: 28 Apr 2020 17:33

Tgt Ion:105	Resp:	258134
Ion Ratio	Lower	Upper
105	100	
71	3.7	3.3 4.9
51	22.6	17.3 25.9
120	22.4	18.4 27.6



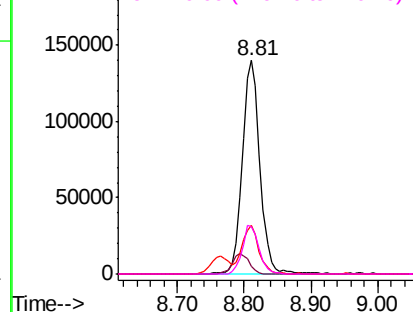
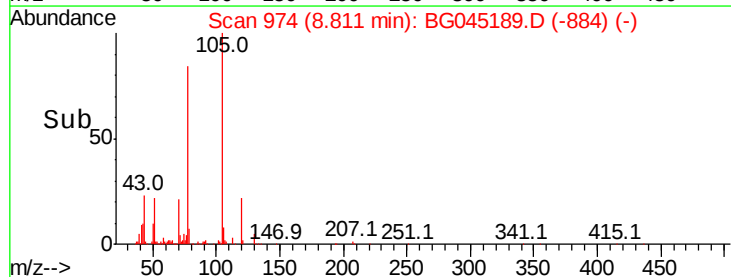
Abundance

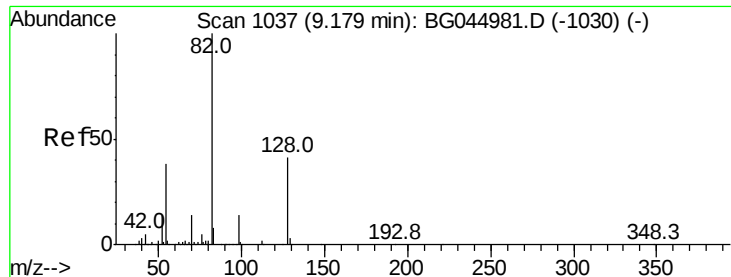
Ion 105.00 (104.70 to 105.70): E

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

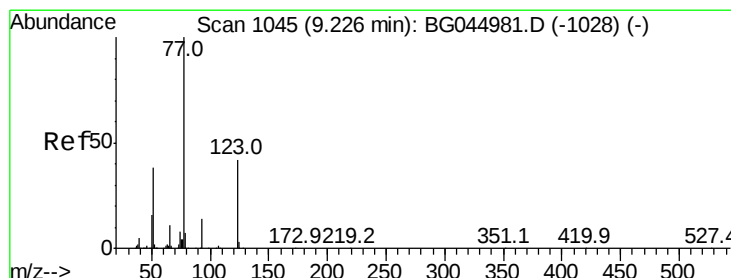
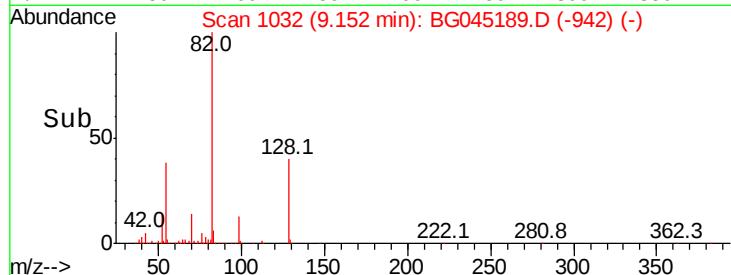
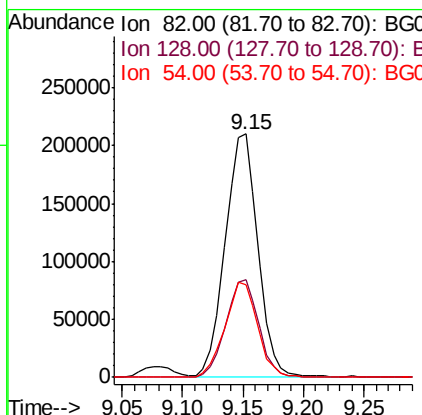
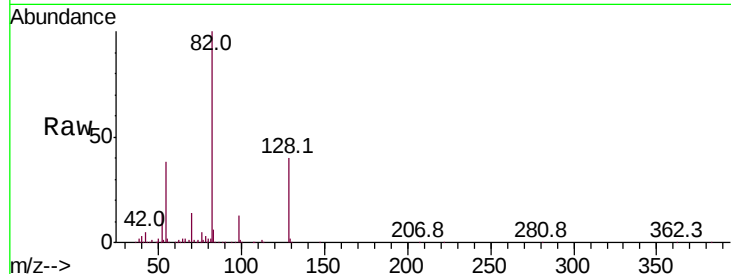




#23
 Nitrobenzene-d5
 Concen: 78.197 ng
 RT: 9.15 min Scan# 1032
 Delta R.T. 0.00 min
 Lab File: BG045189.D
 Acq: 28 Apr 2020 17:33

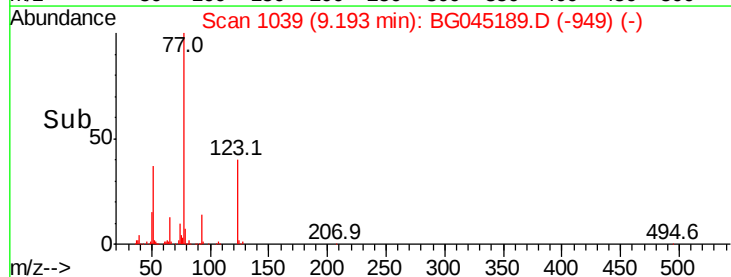
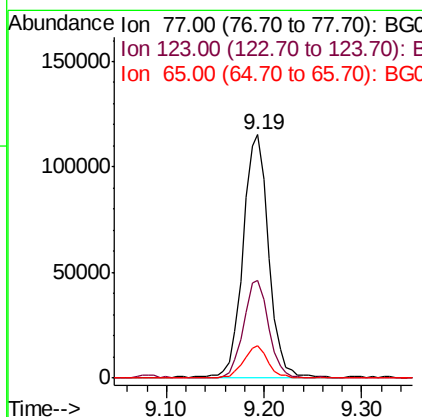
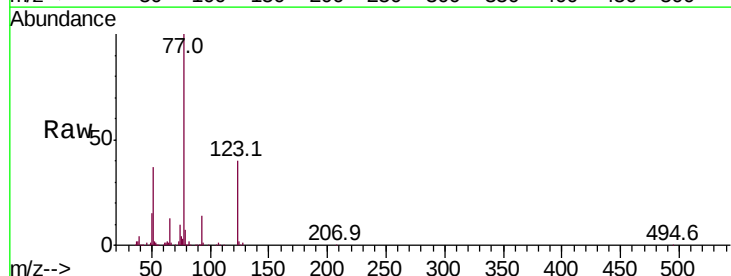
Instrument :
 BNA_G
 ClientSampleId :
 PB128517BS

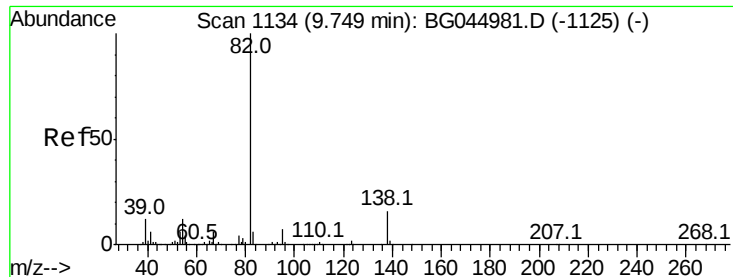
Tot Ion	Ratio	Lower	Upper
82	100		
128	39.9	33.0	49.4
54	38.2	30.4	45.6



#24
 Nitrobenzene
 Concen: 41.090 ng
 RT: 9.19 min Scan# 1039
 Delta R.T. 0.00 min
 Lab File: BG045189.D
 Acq: 28 Apr 2020 17:33

Tgt Ion	Ratio	Lower	Upper
77	100		
123	40.3	34.3	51.5
65	13.5	8.9	13.3#





#25

Isophorone

Concen: 38.541 ng

RT: 9.72 min Scan# 1128

Delta R.T. 0.00 min

Lab File: BG045189.D

Acq: 28 Apr 2020 17:33

Instrument :

BNA_G

ClientSampleId :

PB128517BS

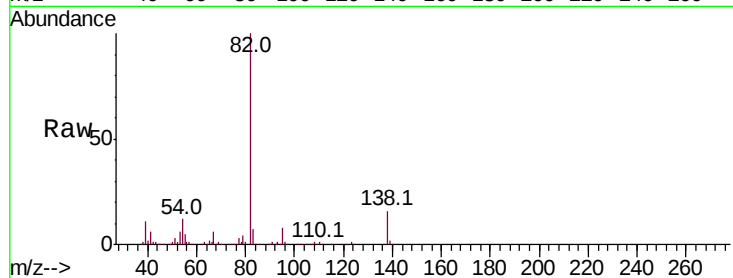
Tot Ion: 82 Resp: 395982

Ion Ratio Lower Upper

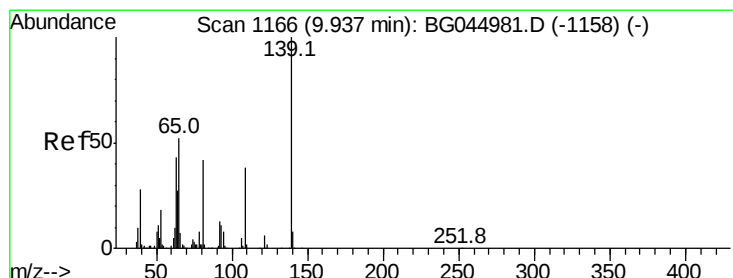
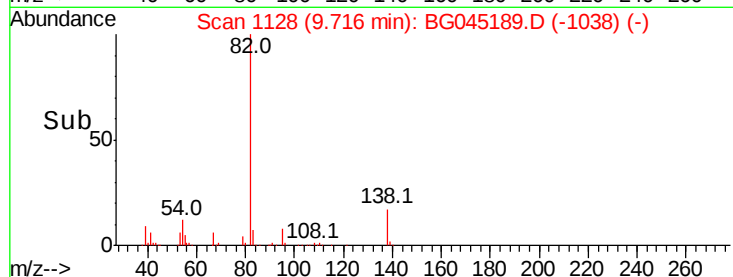
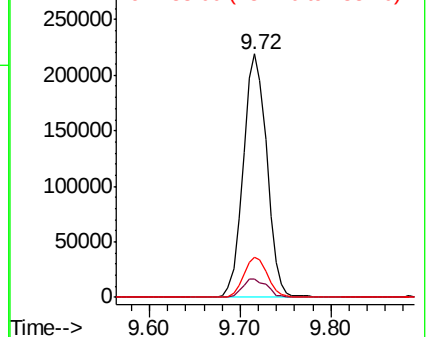
82 100

95 7.7 6.0 9.0

138 16.4 12.7 19.1



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: 43.148 ng

RT: 9.90 min Scan# 1160

Delta R.T. -0.00 min

Lab File: BG045189.D

Acq: 28 Apr 2020 17:33

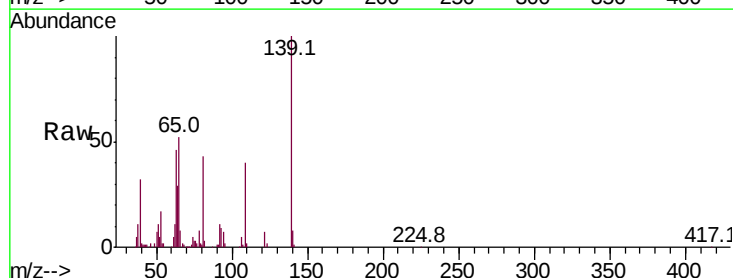
Tgt Ion: 139 Resp: 95582

Ion Ratio Lower Upper

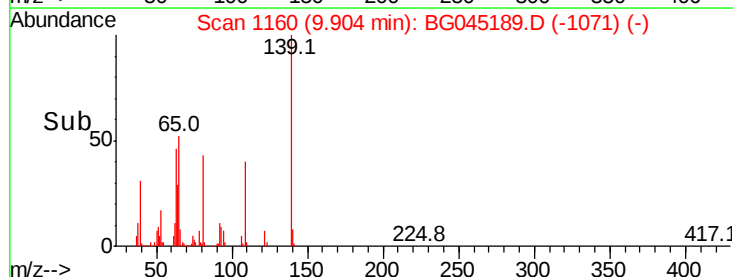
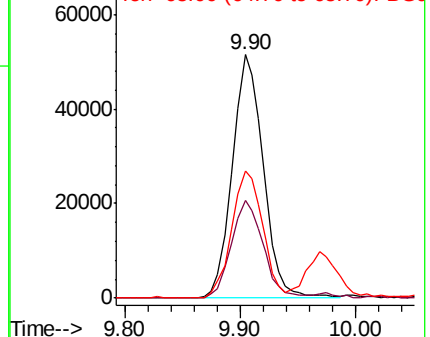
139 100

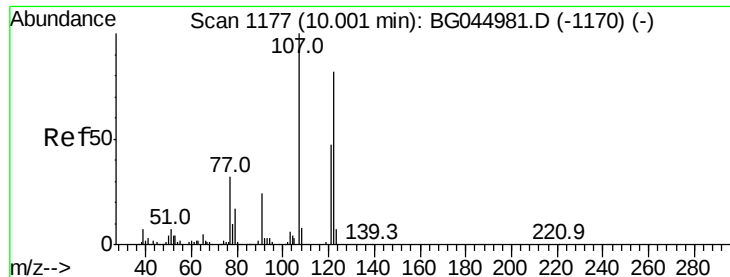
109 40.1 30.6 45.8

65 52.3 41.8 62.6



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

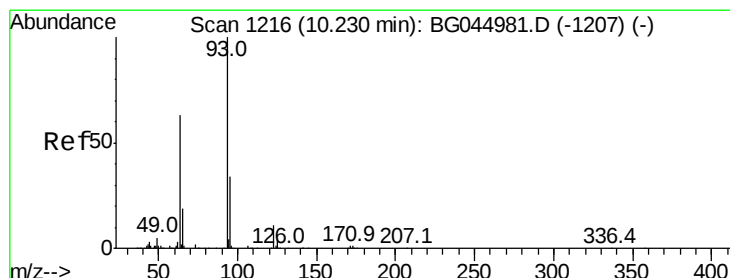
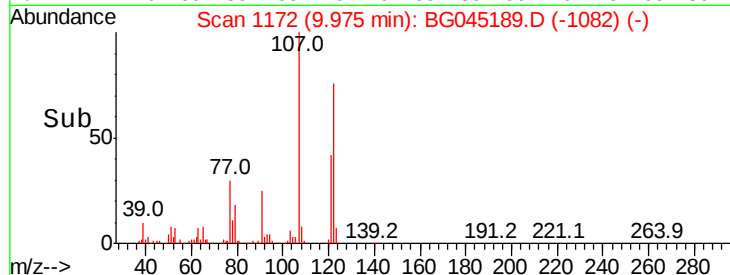
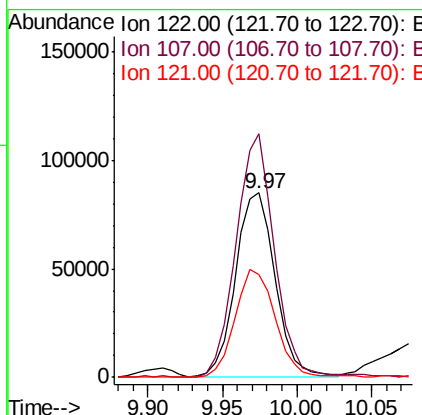
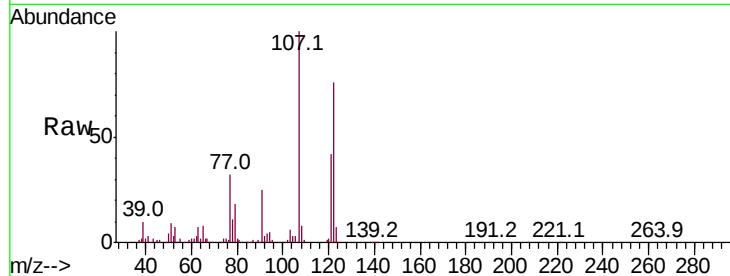




#27
2,4-Dimethylphenol
Concen: 44.280 ng
RT: 9.97 min Scan# 1172
Delta R.T. 0.00 min
Lab File: BG045189.D
Acq: 28 Apr 2020 17:33

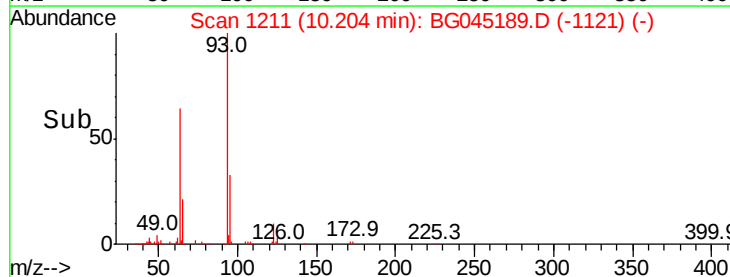
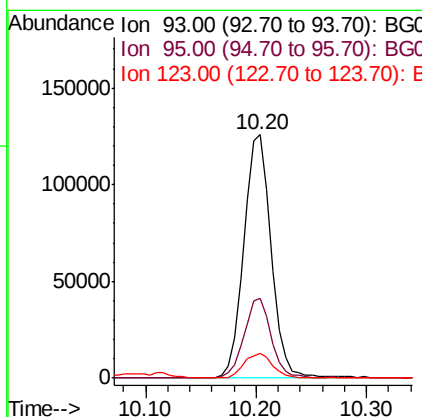
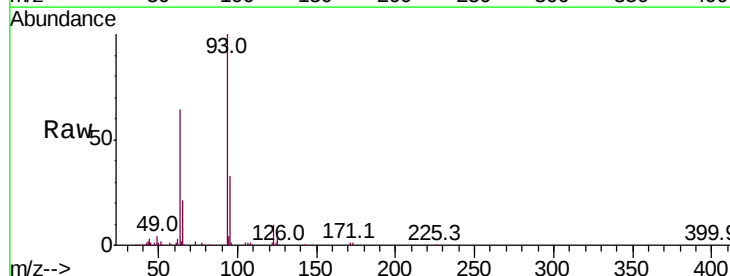
Instrument :
BNA_G
ClientSampleId :
PB128517BS

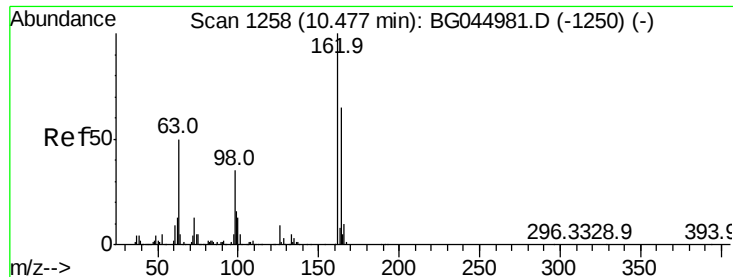
Tot Ion	Ratio	Lower	Upper
122	100		
107	132.2	96.8	145.2
121	56.0	45.6	68.4



#28
bis(2-Chloroethoxy)methane
Concen: 40.614 ng
RT: 10.20 min Scan# 1211
Delta R.T. 0.00 min
Lab File: BG045189.D
Acq: 28 Apr 2020 17:33

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.6	27.0	40.4
123	10.4	8.7	13.1





#29

2,4-Dichlorophenol

Concen: 43.916 ng

RT: 10.45 min Scan# 1253

Delta R.T. 0.00 min

Lab File: BG045189.D

Acq: 28 Apr 2020 17:33

Instrument :

BNA_G

ClientSampleId :

PB128517BS

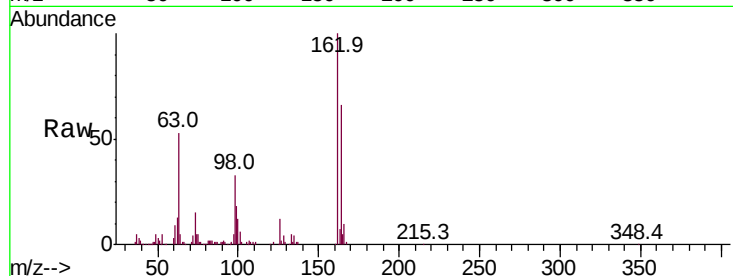
Tot Ion:162 Resp: 178239

Ion Ratio Lower Upper

162 100

164 66.3 45.0 85.0

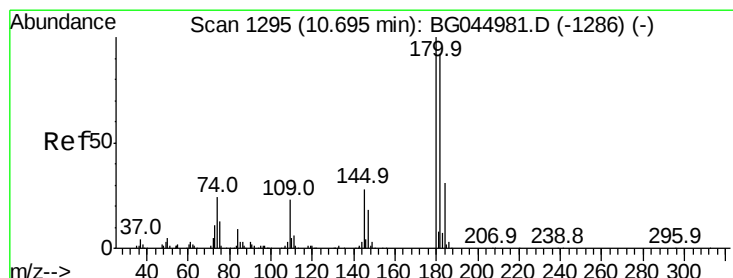
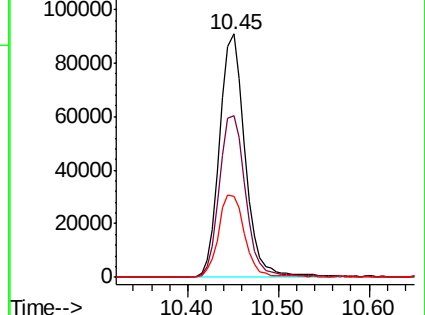
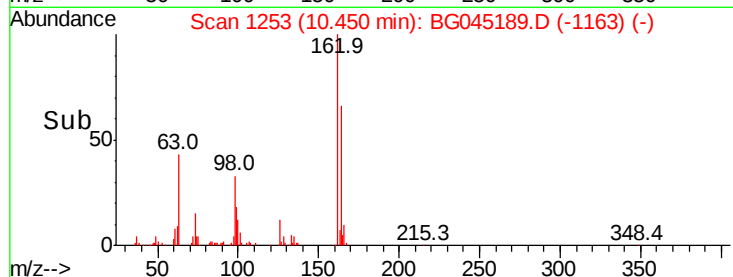
98 33.4 15.2 55.2



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BGC



#30

1,2,4-Trichlorobenzene

Concen: 42.676 ng

RT: 10.66 min Scan# 1289

Delta R.T. 0.00 min

Lab File: BG045189.D

Acq: 28 Apr 2020 17:33

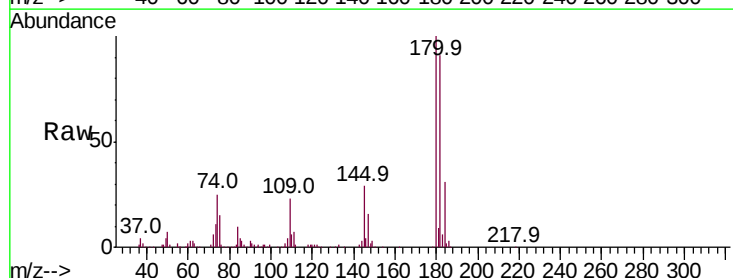
Tgt Ion:180 Resp: 196106

Ion Ratio Lower Upper

180 100

182 91.4 73.3 109.9

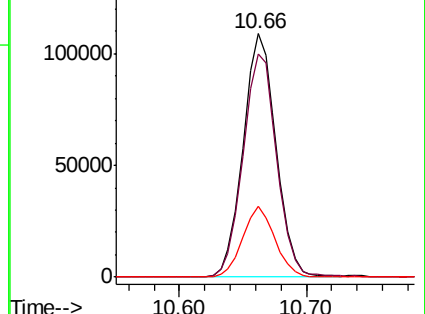
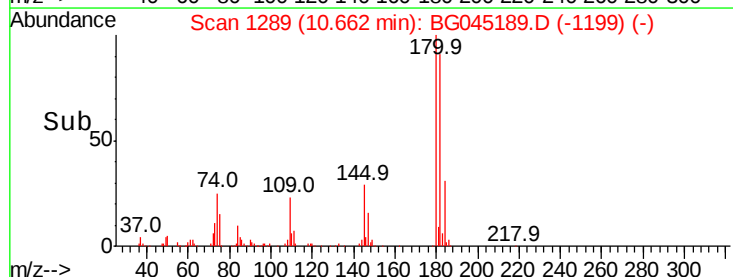
145 29.2 22.6 33.8

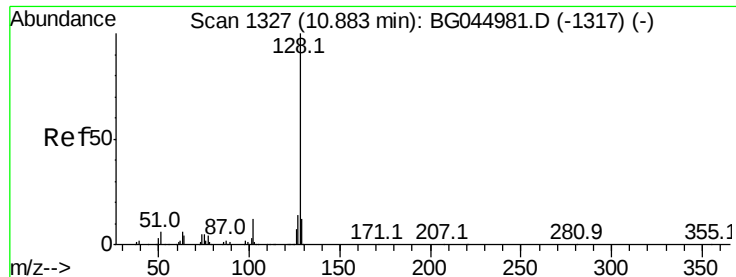


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

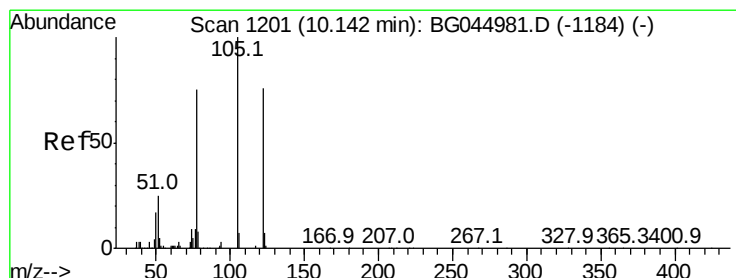
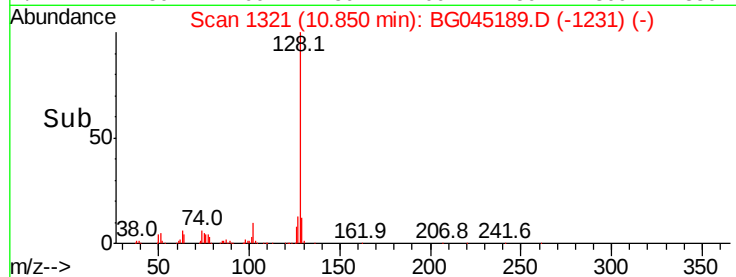
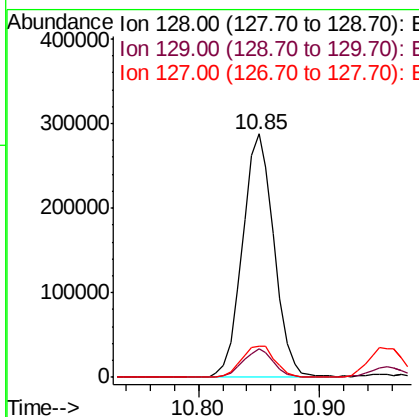
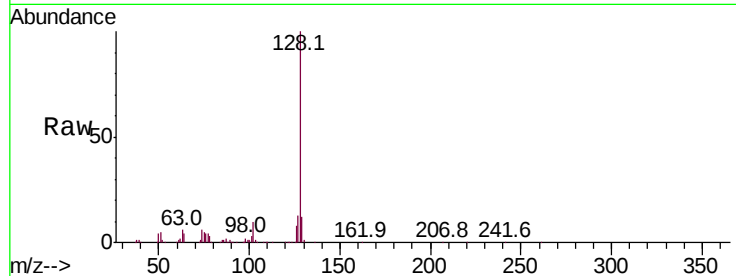




#31
Naphthalene
Concen: 41.676 ng
RT: 10.85 min Scan# 1321
Delta R.T. 0.00 min
Lab File: BG045189.D
Acq: 28 Apr 2020 17:33

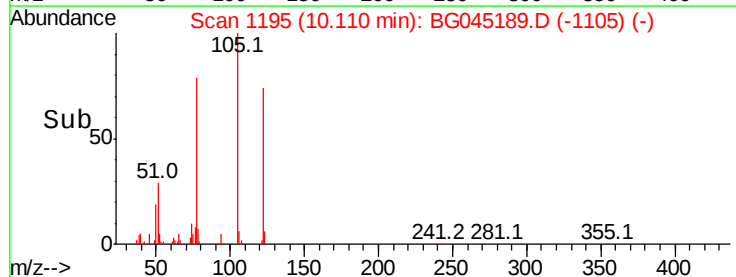
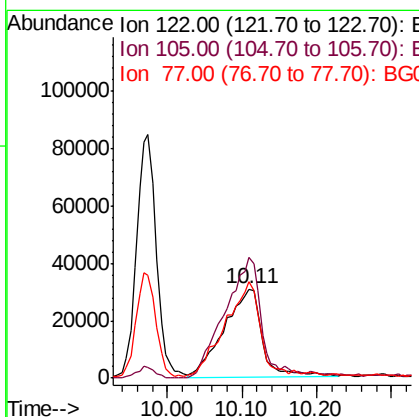
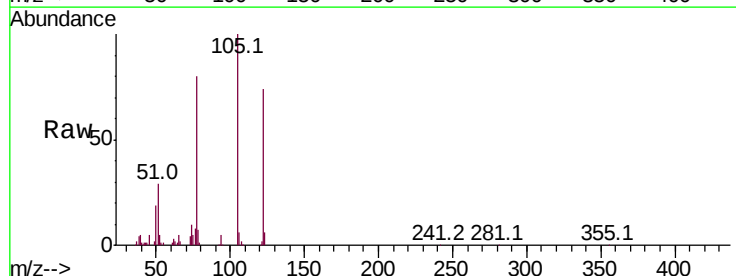
Instrument :
BNA_G
ClientSampleId :
PB128517BS

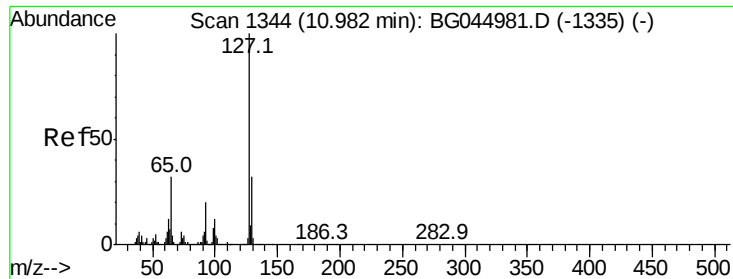
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.4	14.2
127	13.0	10.8	16.2



#32
Benzoic acid
Concen: 38.944 ng
RT: 10.11 min Scan# 1195
Delta R.T. 0.00 min
Lab File: BG045189.D
Acq: 28 Apr 2020 17:33

Tgt Ion	Ratio	Lower	Upper
122	100		
105	135.8	108.4	148.4
77	108.4	78.8	118.8

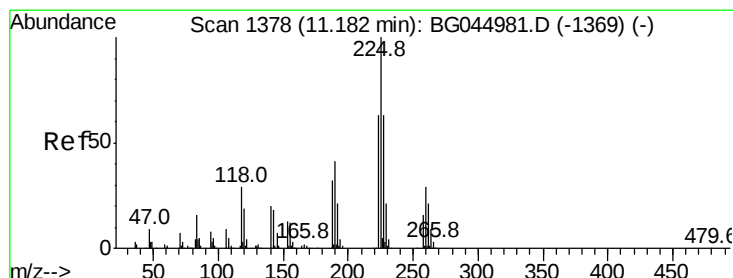
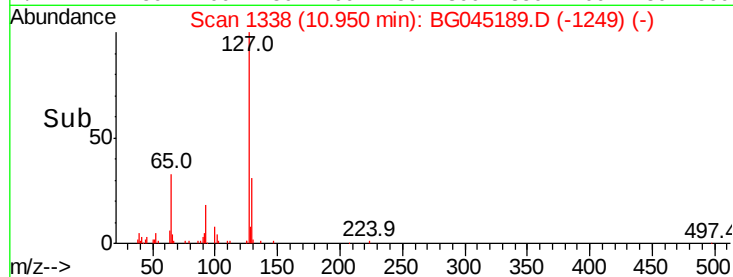
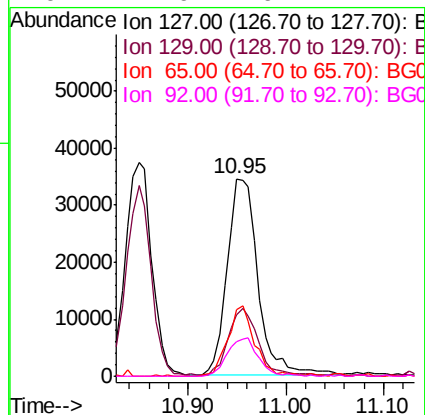
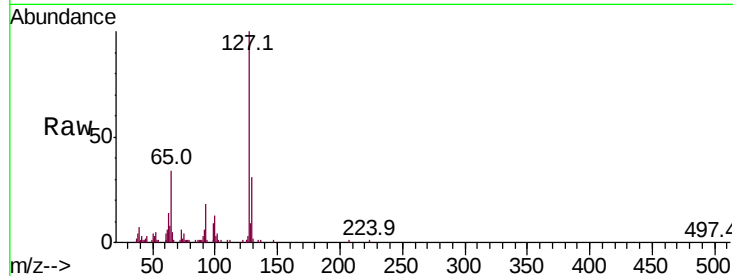




#33
4-Chloroaniline
Concen: 12.931 ng
RT: 10.95 min Scan# 1338
Delta R.T. -0.00 min
Lab File: BG045189.D
Acq: 28 Apr 2020 17:33

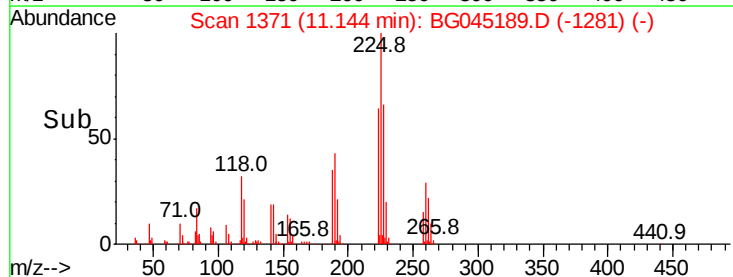
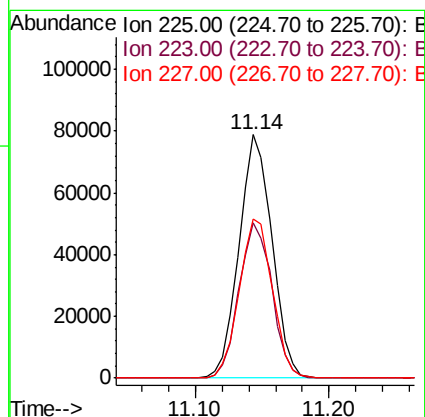
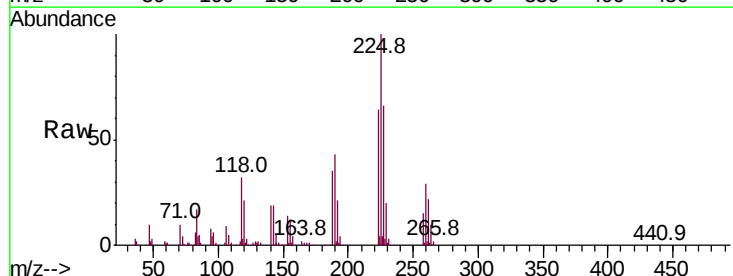
Instrument :
BNA_G
ClientSampleId :
PB128517BS

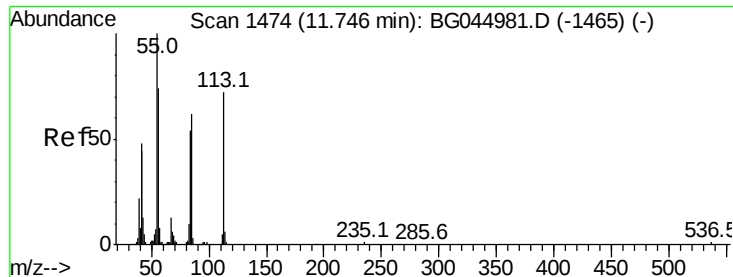
Tot Ion:127 Resp: 75526
Ion Ratio Lower Upper
127 100
129 30.9 25.7 38.5
65 33.5 25.4 38.2
92 17.9 16.1 24.1



#34
Hexachlorobutadiene
Concen: 42.716 ng
RT: 11.14 min Scan# 1371
Delta R.T. 0.00 min
Lab File: BG045189.D
Acq: 28 Apr 2020 17:33

Tgt Ion:225 Resp: 134579
Ion Ratio Lower Upper
225 100
223 63.7 50.7 76.1
227 65.5 50.2 75.2

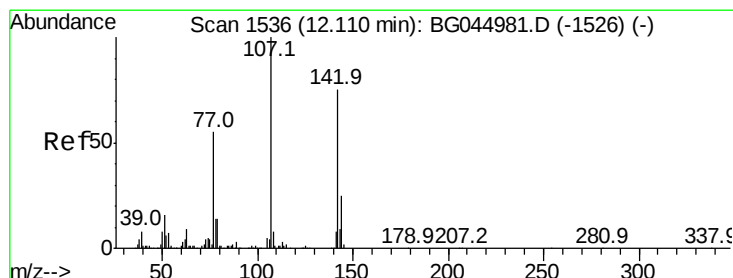
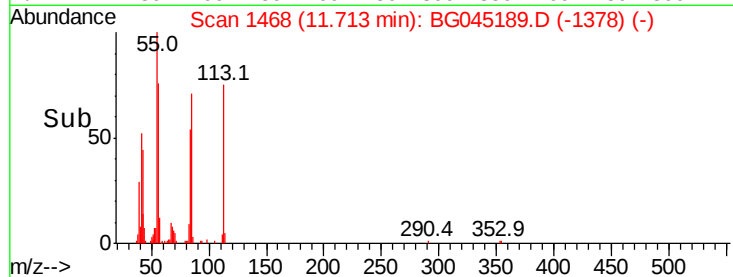
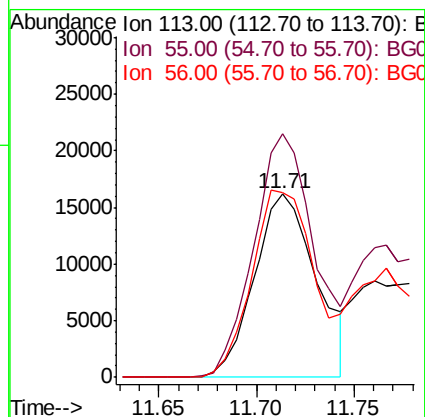
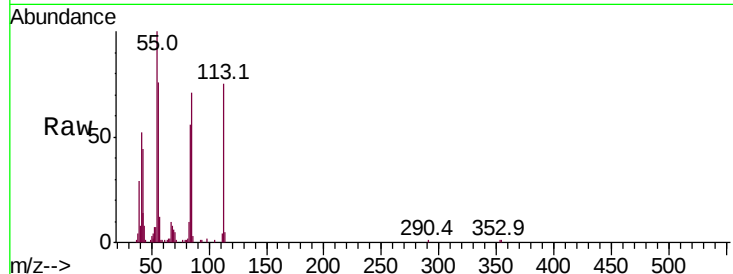




#35
 Caprolactam
 Concen: 21.988 ng
 RT: 11.71 min Scan# 1468
 Delta R.T. 0.00 min
 Lab File: BG045189.D
 Acq: 28 Apr 2020 17:33

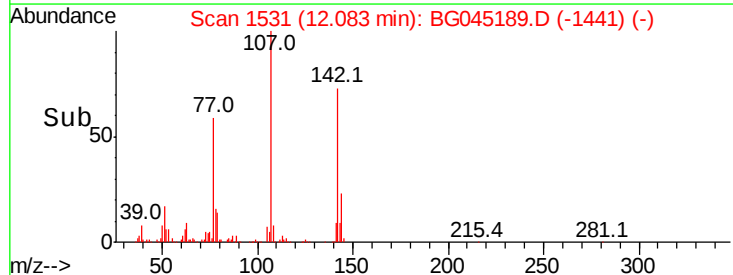
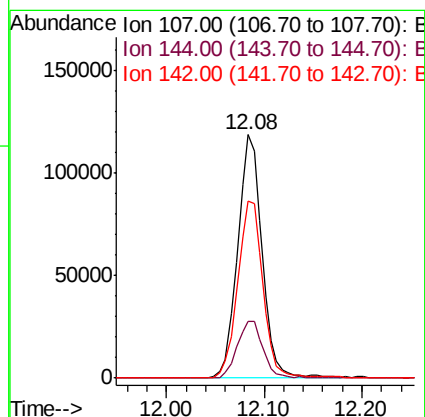
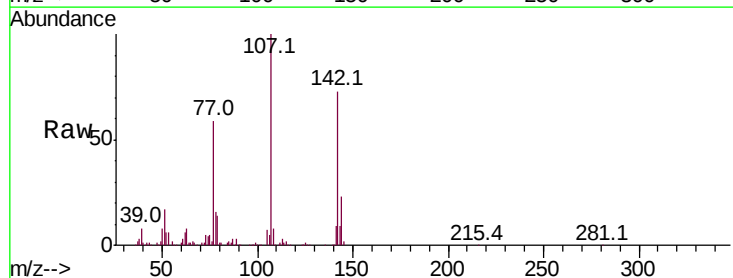
Instrument :
 BNA_G
 ClientSampleId :
 PB128517BS

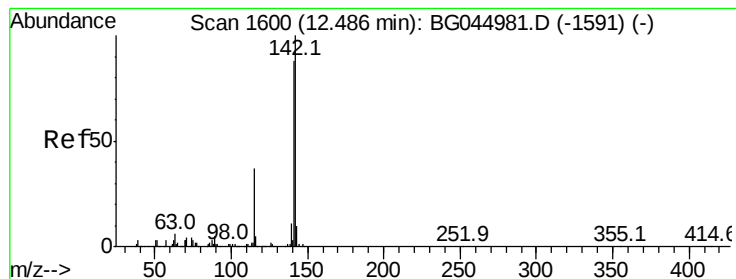
Tot Ion:113 Resp: 35518
 Ion Ratio Lower Upper
 113 100
 55 132.6 118.8 158.8
 56 100.6 82.6 122.6



#36
 4-Chloro-3-methylphenol
 Concen: 43.146 ng
 RT: 12.08 min Scan# 1531
 Delta R.T. 0.00 min
 Lab File: BG045189.D
 Acq: 28 Apr 2020 17:33

Tgt Ion:107 Resp: 205714
 Ion Ratio Lower Upper
 107 100
 144 23.4 19.8 29.6
 142 72.6 59.7 89.5





#37

2-Methylnaphthalene

Concen: 41.792 ng

RT: 12.46 min Scan# 1595

Delta R.T. 0.00 min

Lab File: BG045189.D

Acq: 28 Apr 2020 17:33

Instrument :

BNA_G

ClientSampleId :

PB128517BS

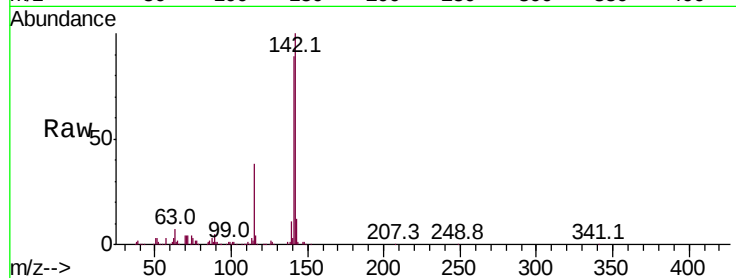
Tot Ion:142 Resp: 406241

Ion Ratio Lower Upper

142 100

141 88.6 70.3 105.5

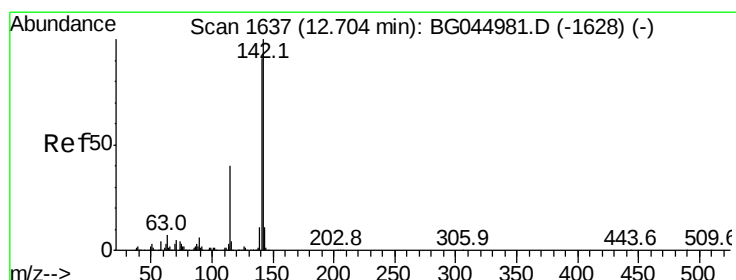
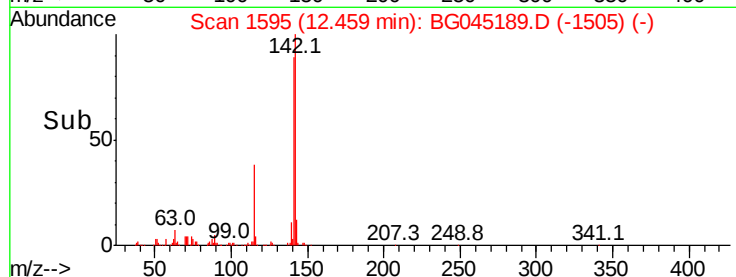
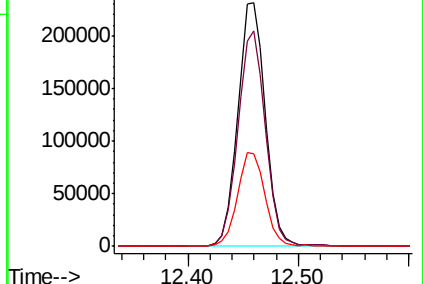
115 38.2 29.8 44.6



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 42.362 ng

RT: 12.68 min Scan# 1632

Delta R.T. 0.00 min

Lab File: BG045189.D

Acq: 28 Apr 2020 17:33

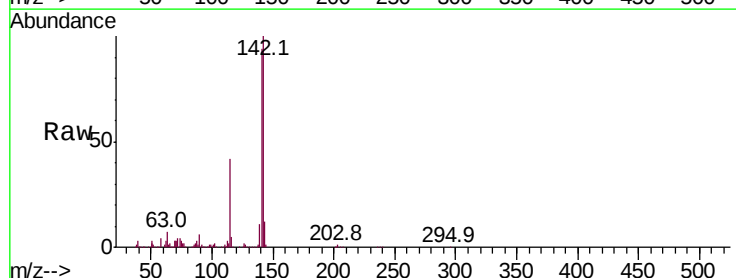
Tgt Ion:142 Resp: 388739

Ion Ratio Lower Upper

142 100

141 93.8 72.7 109.1

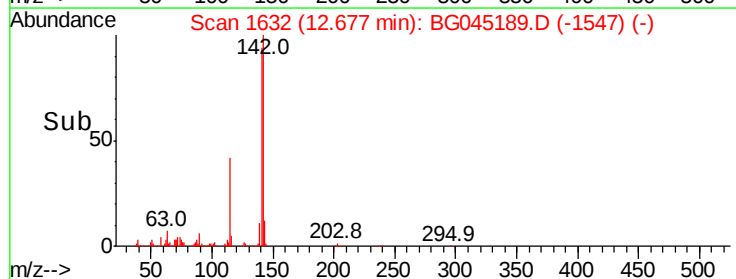
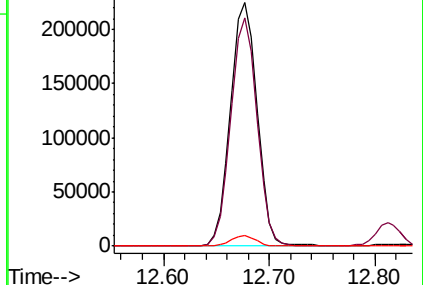
116 4.5 3.1 4.7

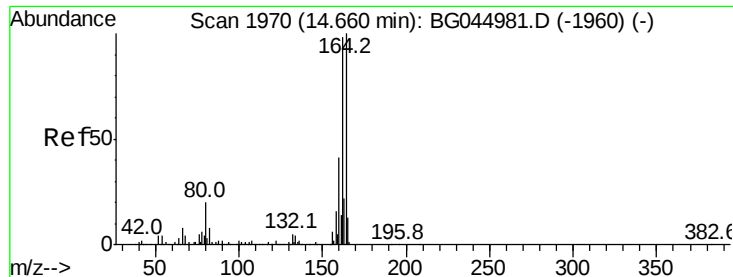


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.63 min Scan# 1965

Delta R.T. 0.00 min

Lab File: BG045189.D

Acq: 28 Apr 2020 17:33

Instrument :

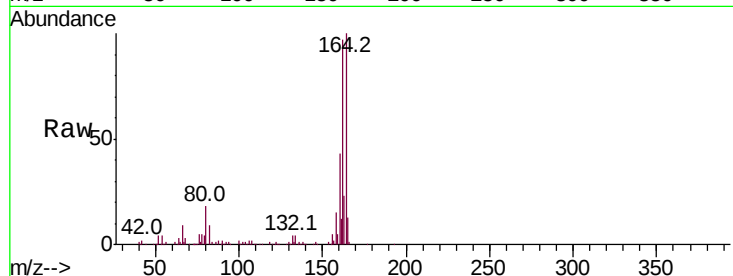
BNA_G

ClientSampleId :

PB128517BS

Tot Ion:164 Resp: 169149

Ion	Ratio	Lower	Upper
164	100		
162	97.2	78.7	118.1
160	43.4	32.8	49.2

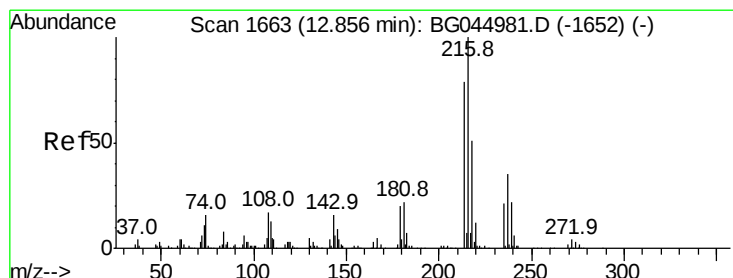
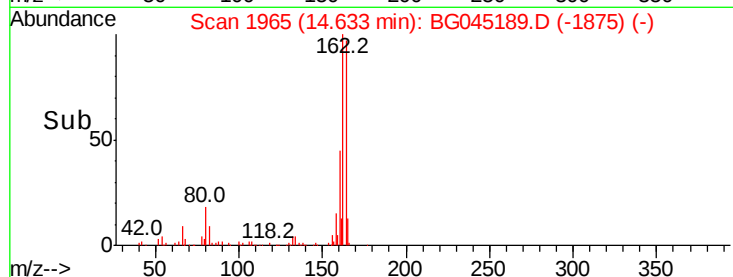
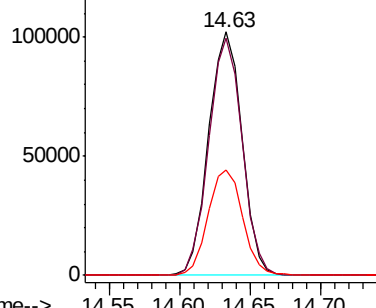


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.410 ng

RT: 12.83 min Scan# 1658

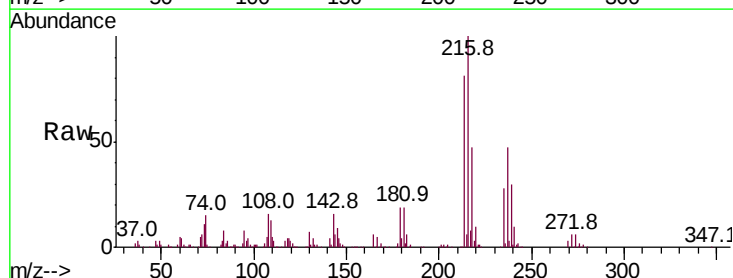
Delta R.T. 0.00 min

Lab File: BG045189.D

Acq: 28 Apr 2020 17:33

Tgt Ion:216 Resp: 225526

Ion	Ratio	Lower	Upper
216	100		
214	77.9	63.0	94.6
179	19.4	15.8	23.8
108	19.6	14.2	21.2



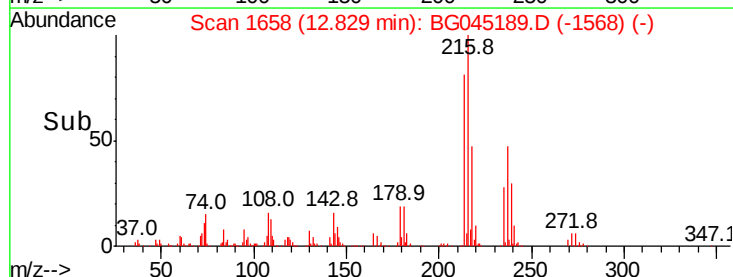
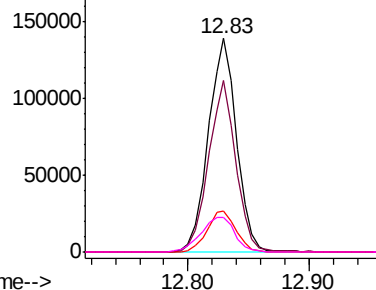
Abundance

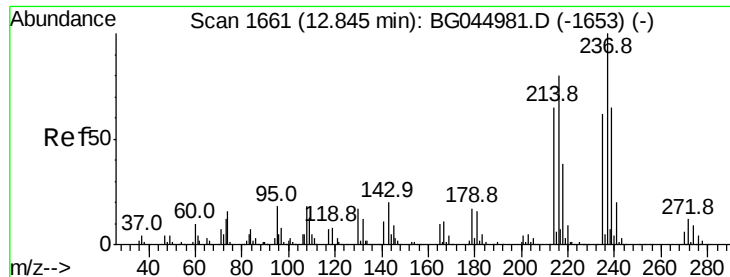
Ion 216.00 (215.70 to 216.70): E

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: 97.524 ng

RT: 12.81 min Scan# 1655

Delta R.T. 0.00 min

Lab File: BG045189.D

Acq: 28 Apr 2020 17:33

Instrument :

BNA_G

ClientSampleId :

PB128517BS

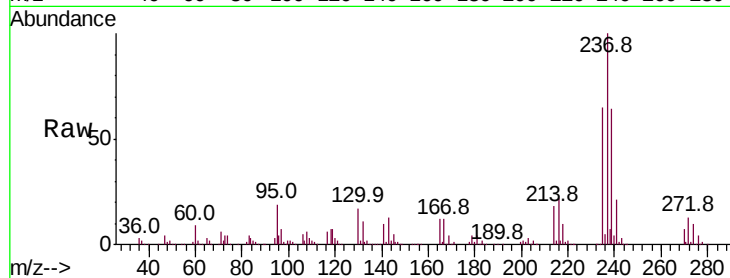
Tot Ion:237 Resp: 331965

Ion Ratio Lower Upper

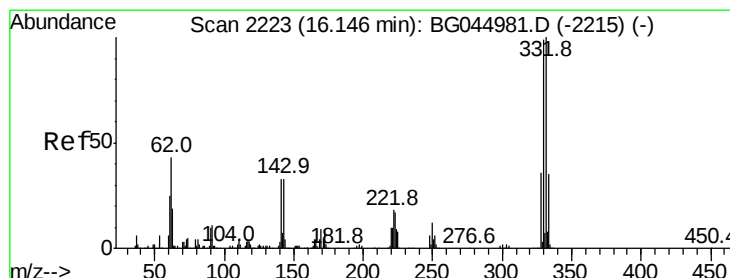
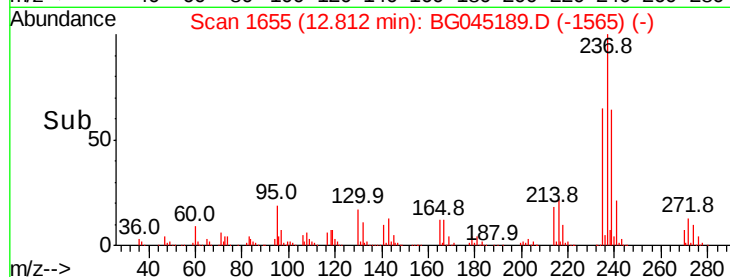
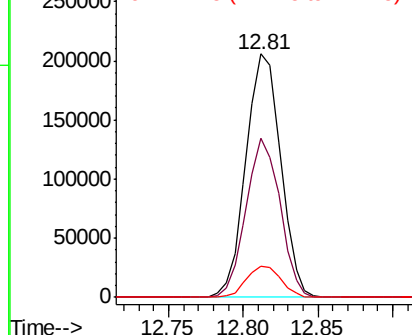
237 100

235 65.2 41.6 81.6

272 12.6 0.0 32.1



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: 119.603 ng

RT: 16.13 min Scan# 2219

Delta R.T. 0.00 min

Lab File: BG045189.D

Acq: 28 Apr 2020 17:33

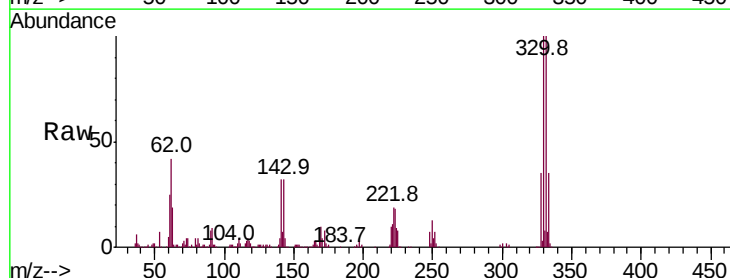
Tgt Ion:330 Resp: 312539

Ion Ratio Lower Upper

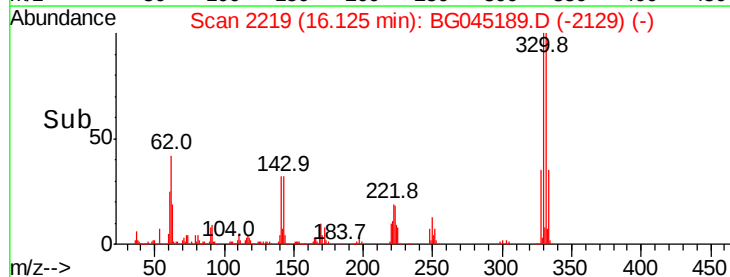
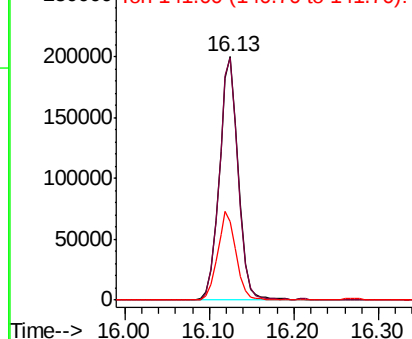
330 100

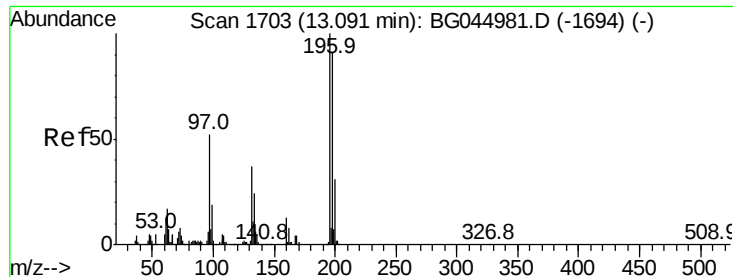
332 98.2 79.1 118.7

141 36.2 27.1 40.7



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

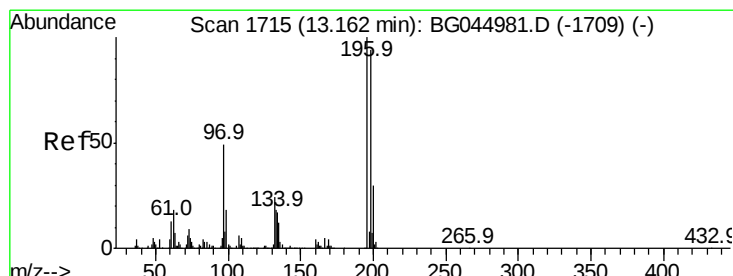
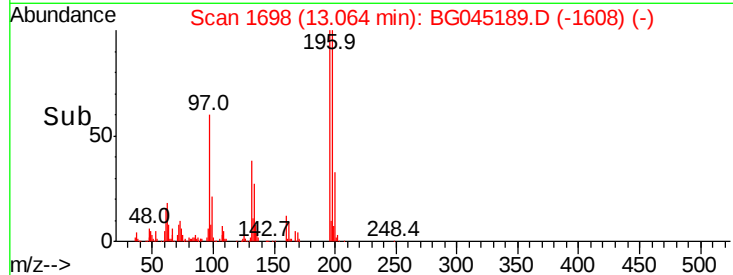
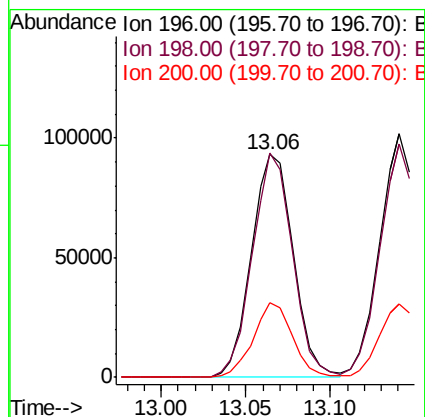
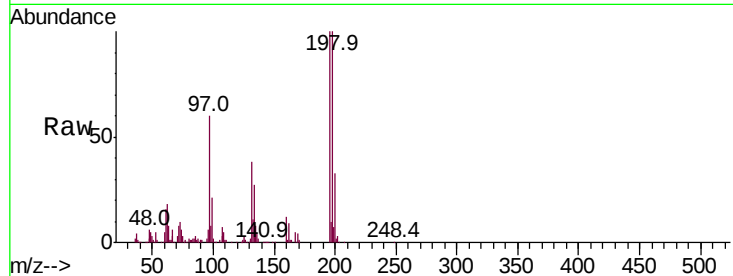




#43
 2,4,6-Trichlorophenol
 Concen: 41.896 ng
 RT: 13.06 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: BG045189.D
 Acq: 28 Apr 2020 17:33

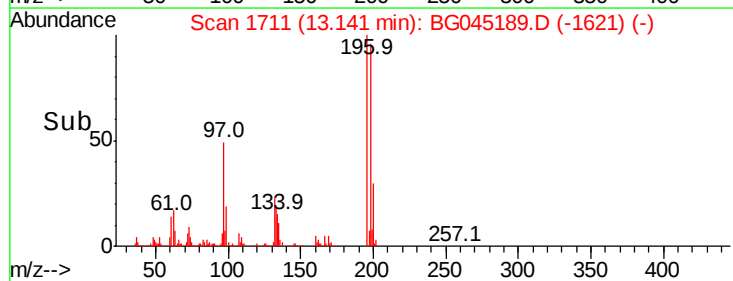
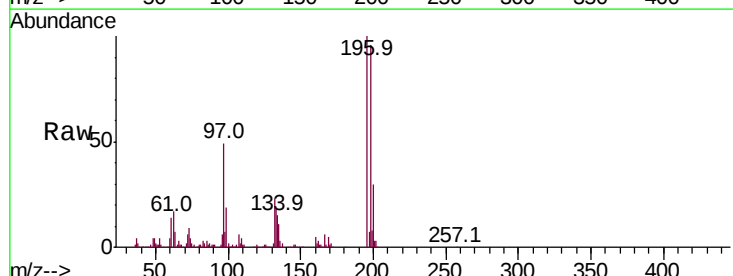
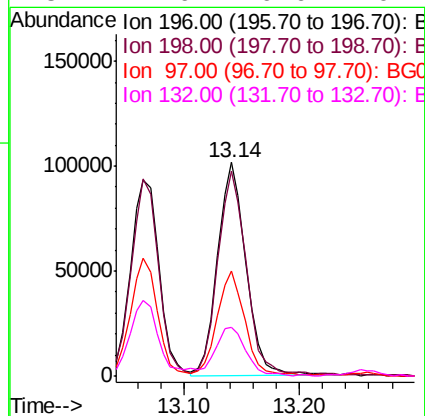
Instrument :
 BNA_G
 ClientSampleId :
 PB128517BS

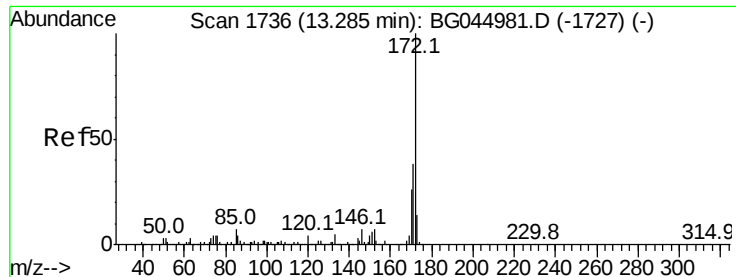
Tot Ion:196 Resp: 161036
 Ion Ratio Lower Upper
 196 100
 198 100.5 72.5 108.7
 200 33.2 24.5 36.7



#44
 2,4,5-Trichlorophenol
 Concen: 39.125 ng
 RT: 13.14 min Scan# 1711
 Delta R.T. 0.00 min
 Lab File: BG045189.D
 Acq: 28 Apr 2020 17:33

Tgt Ion:196 Resp: 171177
 Ion Ratio Lower Upper
 196 100
 198 95.8 75.7 113.5
 97 49.1 39.6 59.4
 132 22.6 19.6 29.4

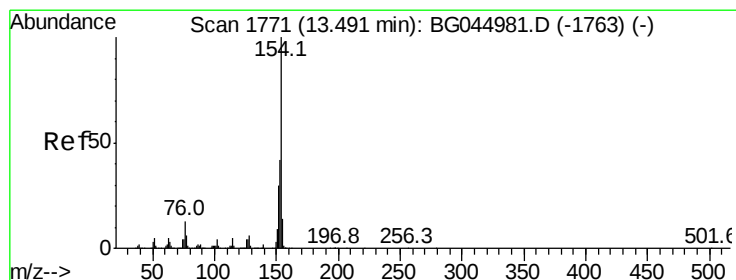
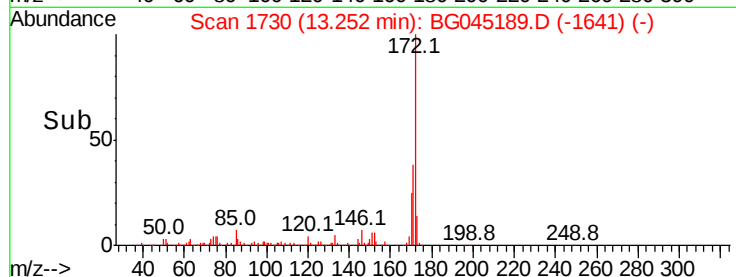
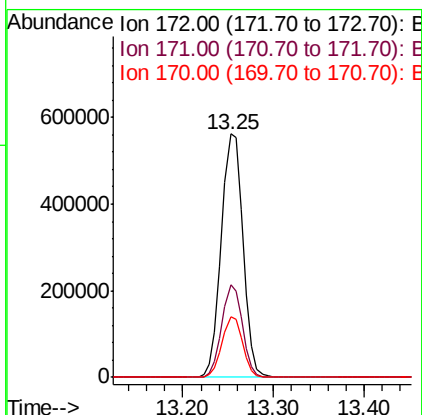
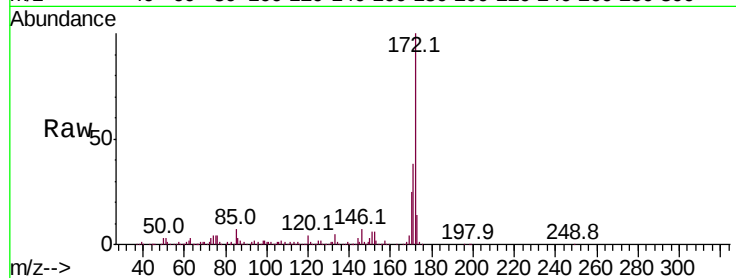




#45
2-Fluorobiphenyl
Concen: 81.017 ng
RT: 13.25 min Scan# 1730
Delta R.T. -0.00 min
Lab File: BG045189.D
Acq: 28 Apr 2020 17:33

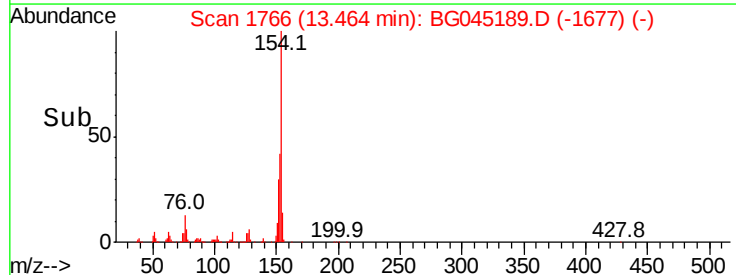
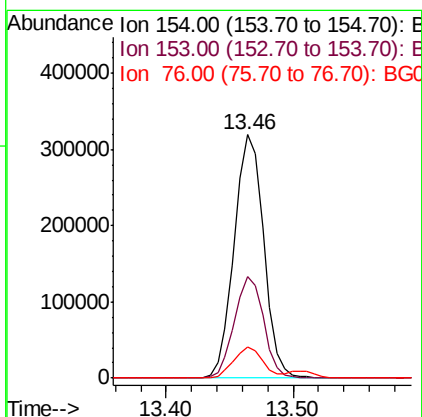
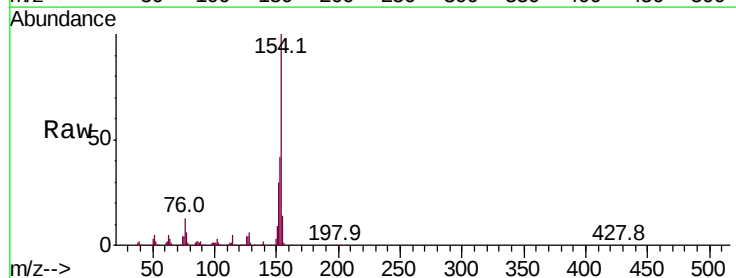
Instrument :
BNA_G
ClientSampleId :
PB128517BS

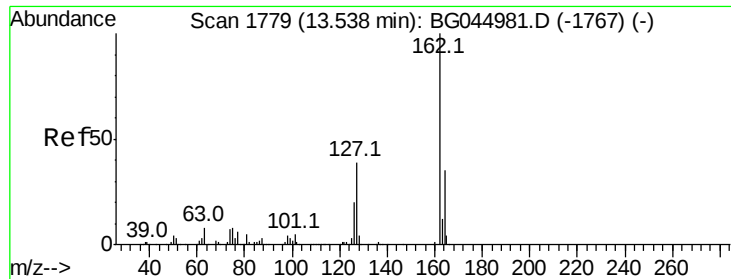
Tot Ion	Ratio	Lower	Upper
172	100		
171	38.2	30.6	46.0
170	24.8	20.5	30.7



#46
1,1'-Biphenyl
Concen: 40.004 ng
RT: 13.46 min Scan# 1766
Delta R.T. -0.00 min
Lab File: BG045189.D
Acq: 28 Apr 2020 17:33

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.8	21.9	61.9
76	12.7	0.0	33.1

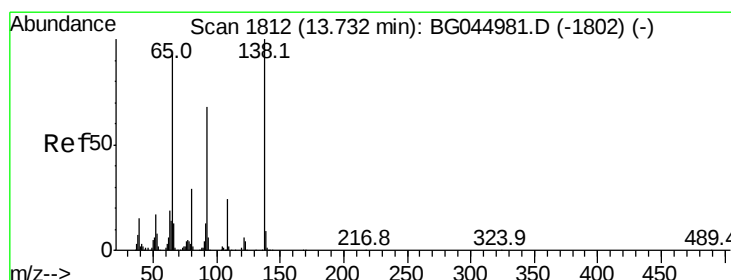
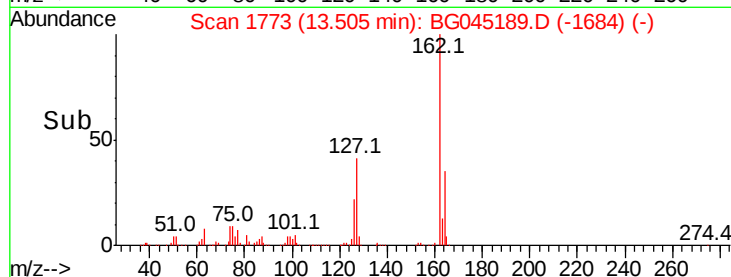
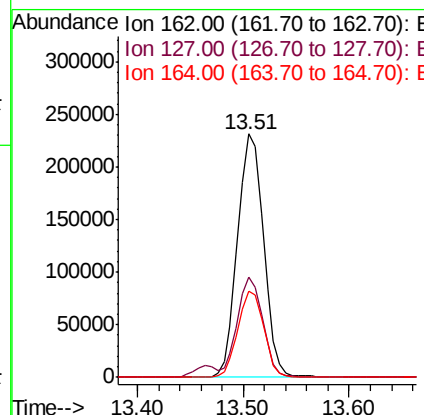
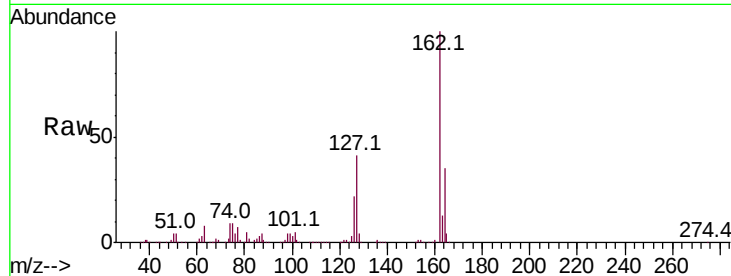




#47
 2-Chloronaphthalene
 Concen: 40.103 ng
 RT: 13.51 min Scan# 1773
 Delta R.T. -0.00 min
 Lab File: BG045189.D
 Acq: 28 Apr 2020 17:33

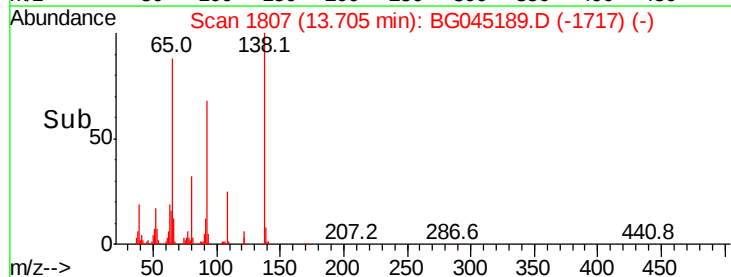
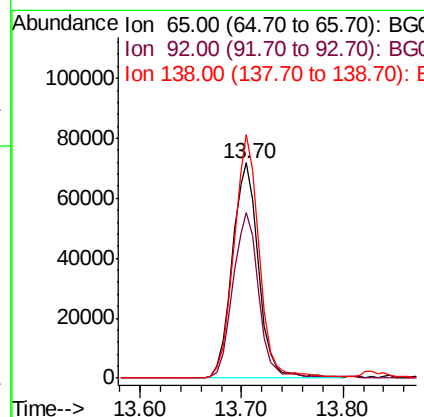
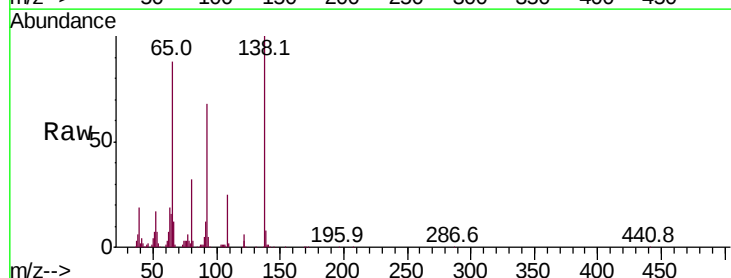
Instrument :
 BNA_G
 ClientSampleId :
 PB128517BS

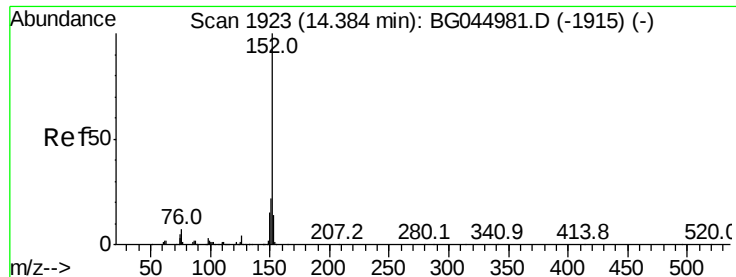
Tot Ion	Ratio	Lower	Upper
162	100		
127	41.3	31.3	46.9
164	35.3	27.8	41.8



#48
 2-Nitroaniline
 Concen: 39.843 ng
 RT: 13.70 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: BG045189.D
 Acq: 28 Apr 2020 17:33

Tgt Ion	Ratio	Lower	Upper
65	100		
92	76.7	58.3	87.5
138	113.3	85.6	128.4





#49

Acenaphthylene

Concen: 42.212 ng

RT: 14.36 min Scan# 1918

Delta R.T. 0.00 min

Lab File: BG045189.D

Acq: 28 Apr 2020 17:33

Instrument :

BNA_G

ClientSampleId :

PB128517BS

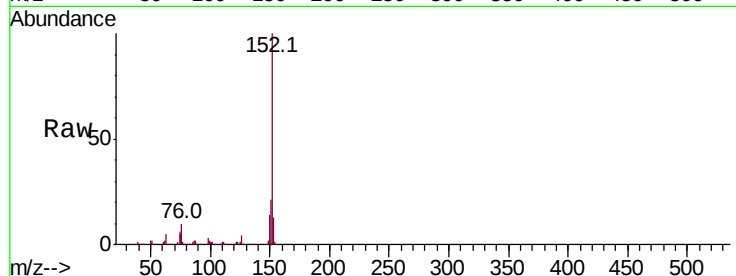
Tot Ion:152 Resp: 675445

Ion Ratio Lower Upper

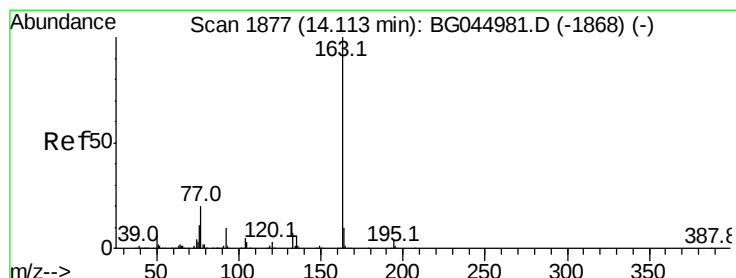
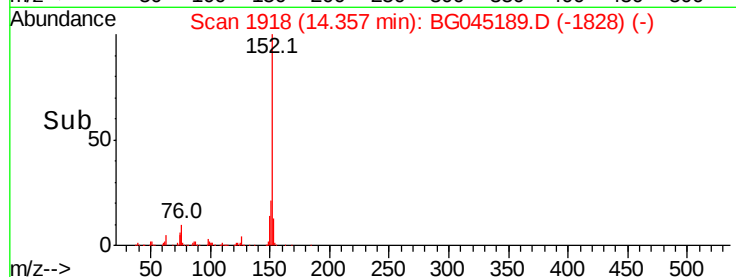
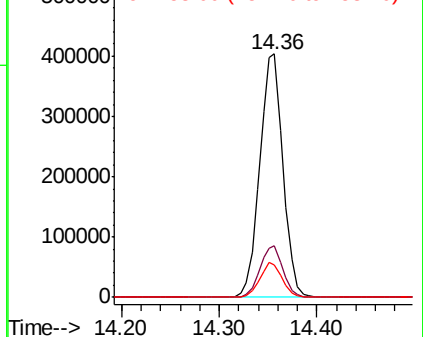
152 100

151 21.2 17.2 25.8

153 13.3 11.0 16.4



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: 41.084 ng

RT: 14.09 min Scan# 1872

Delta R.T. 0.00 min

Lab File: BG045189.D

Acq: 28 Apr 2020 17:33

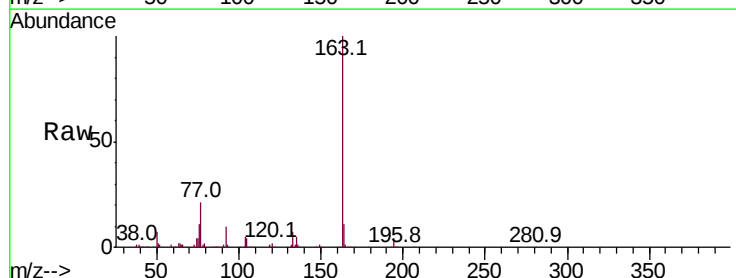
Tgt Ion:163 Resp: 565839

Ion Ratio Lower Upper

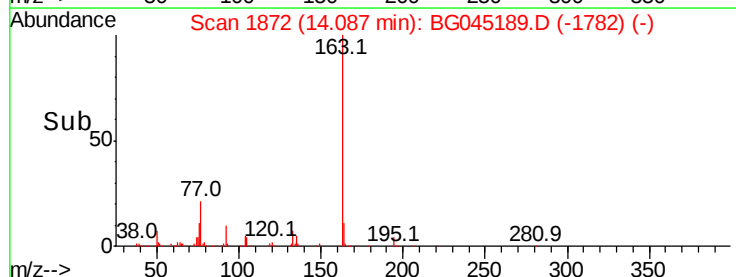
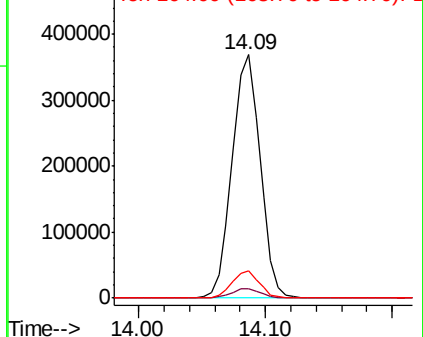
163 100

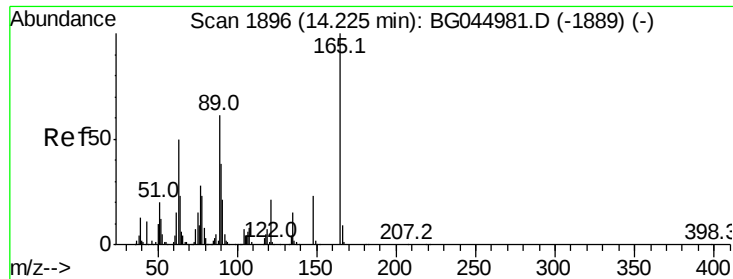
194 4.1 3.5 5.3

164 11.0 8.2 12.4



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

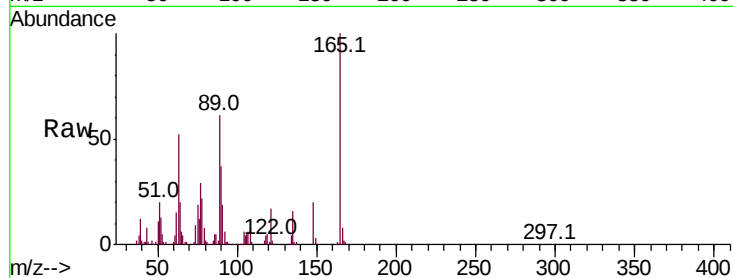




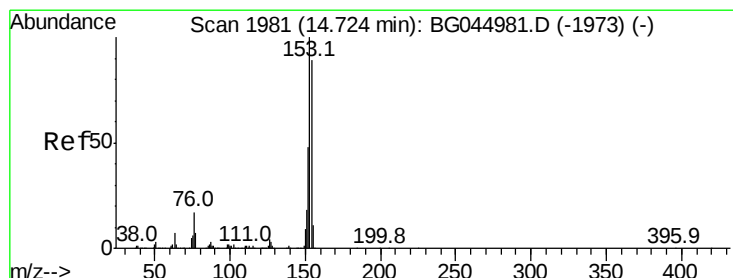
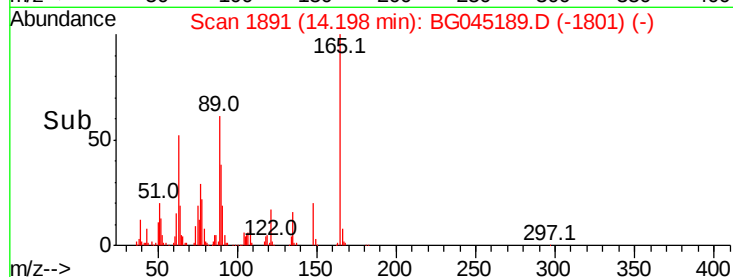
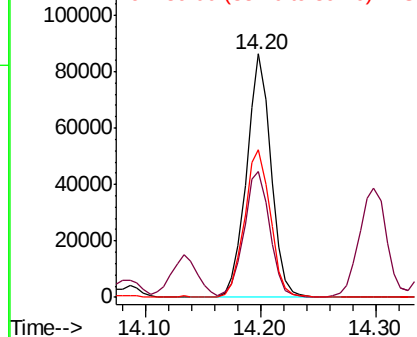
#51
2,6-Dinitrotoluene
Concen: 41.044 ng
RT: 14.20 min Scan# 1891
Delta R.T. 0.00 min
Lab File: BG045189.D
Acq: 28 Apr 2020 17:33

Instrument :
BNA_G
ClientSampleId :
PB128517BS

Tot Ion:165 Resp: 126440
Ion Ratio Lower Upper
165 100
63 51.7 40.4 60.6
89 60.6 49.1 73.7

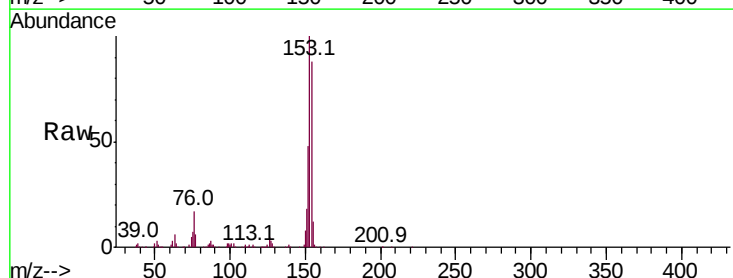


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGO
Ion 89.00 (88.70 to 89.70): BGO

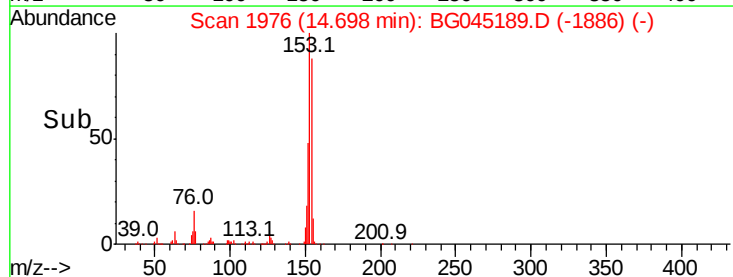
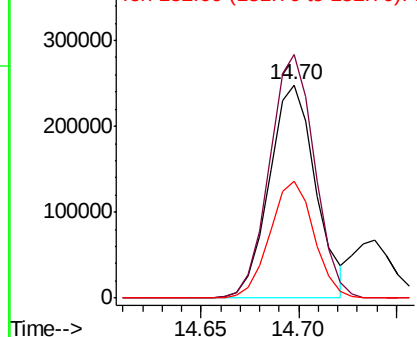


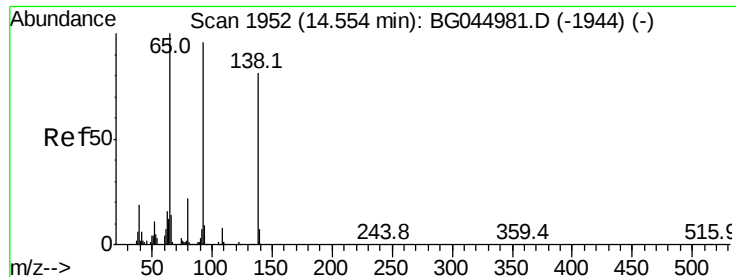
#52
Acenaphthene
Concen: 37.360 ng
RT: 14.70 min Scan# 1976
Delta R.T. 0.00 min
Lab File: BG045189.D
Acq: 28 Apr 2020 17:33

Tgt Ion:154 Resp: 404472
Ion Ratio Lower Upper
154 100
153 114.2 89.7 134.5
152 55.0 43.1 64.7



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





#53

3-Nitroaniline

Concen: 22.543 ng

RT: 14.53 min Scan# 1947

Delta R.T. -0.00 min

Lab File: BG045189.D

Acq: 28 Apr 2020 17:33

Instrument :

BNA_G

ClientSampleId :

PB128517BS

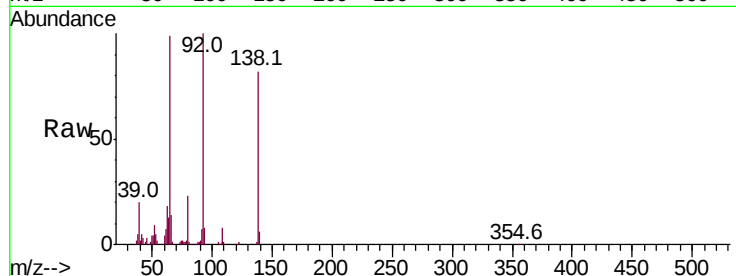
Tot Ion:138 Resp: 76166

Ion Ratio Lower Upper

138 100

108 9.4 7.8 11.8

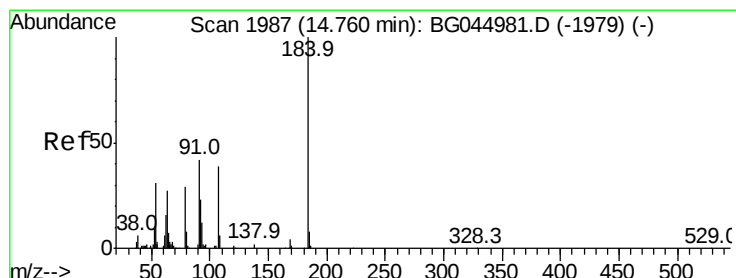
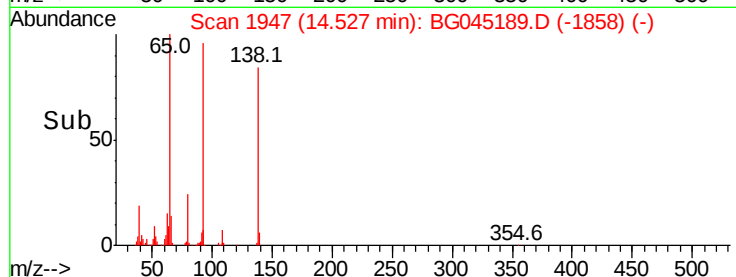
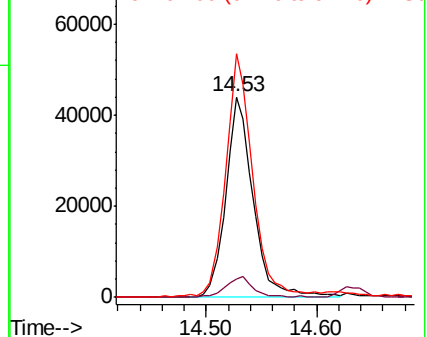
92 121.5 94.5 141.7



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 94.051 ng

RT: 14.74 min Scan# 1983

Delta R.T. 0.00 min

Lab File: BG045189.D

Acq: 28 Apr 2020 17:33

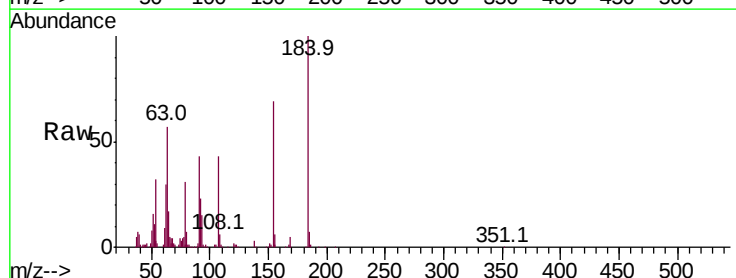
Tgt Ion:184 Resp: 172285

Ion Ratio Lower Upper

184 100

63 56.6 41.5 62.3

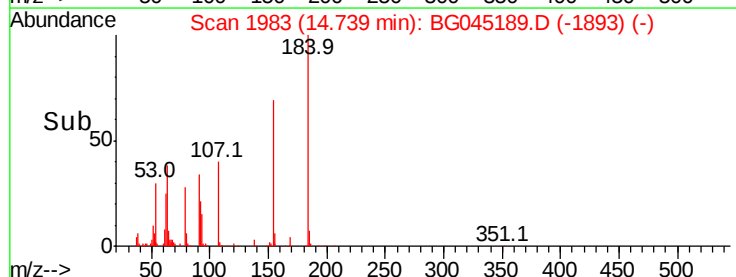
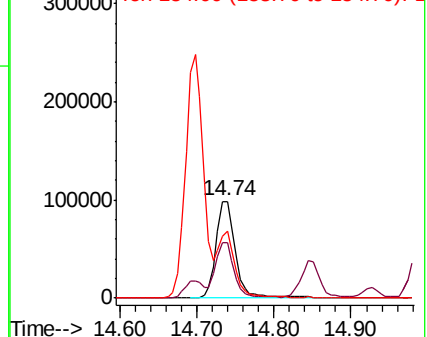
154 68.8 52.3 78.5

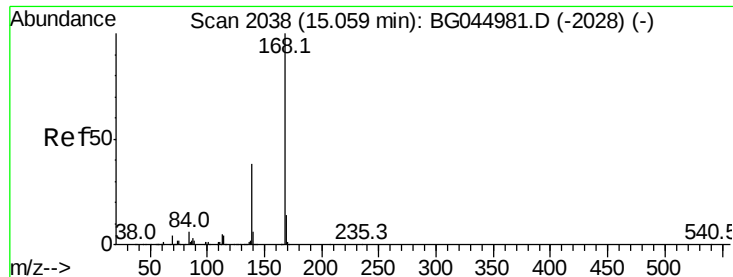


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E





#55

Dibenzofuran

Concen: 41.619 ng

RT: 15.03 min Scan# 2033

Delta R.T. 0.00 min

Lab File: BG045189.D

Acq: 28 Apr 2020 17:33

Instrument :

BNA_G

ClientSampleId :

PB128517BS

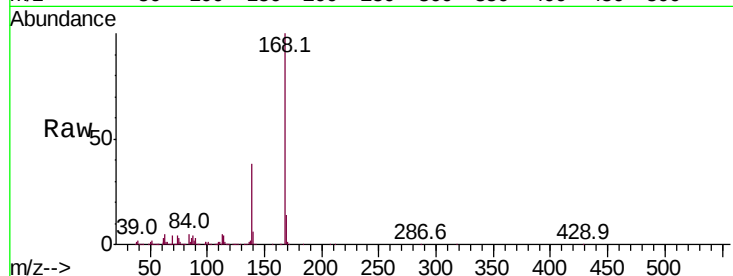
Tot Ion:168 Resp: 656920

Ion Ratio Lower Upper

168 100

139 38.3 30.4 45.6

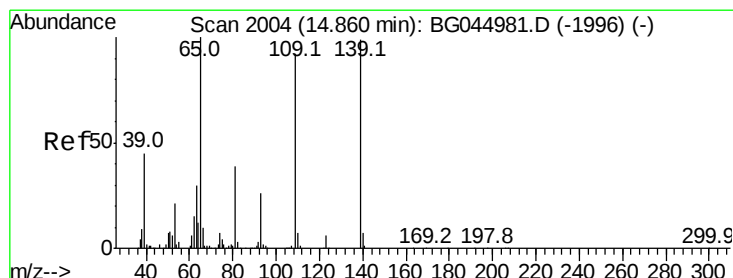
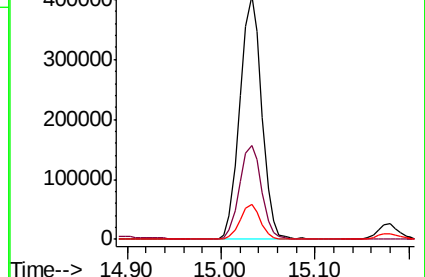
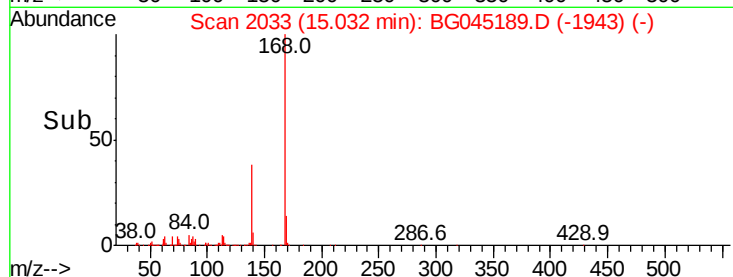
169 14.2 11.0 16.4



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: 82.484 ng

RT: 14.84 min Scan# 2001

Delta R.T. -0.00 min

Lab File: BG045189.D

Acq: 28 Apr 2020 17:33

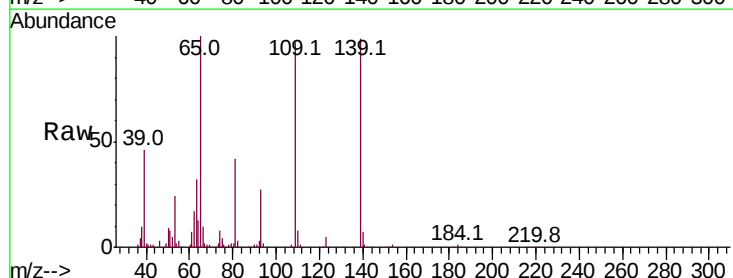
Tgt Ion:139 Resp: 216084

Ion Ratio Lower Upper

139 100

109 98.3 73.6 113.6

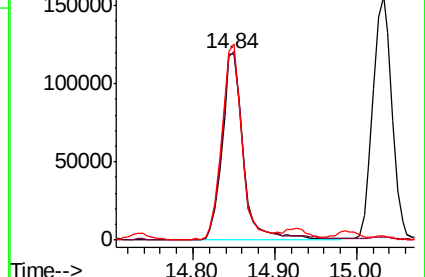
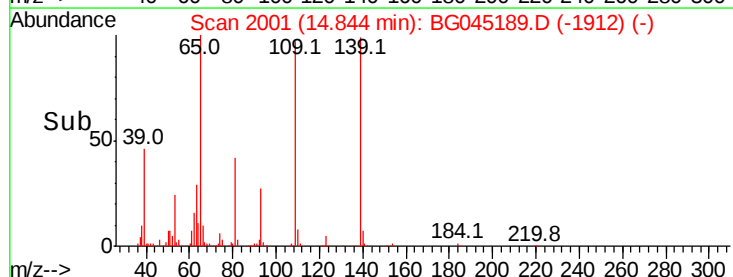
65 101.2 81.2 121.2

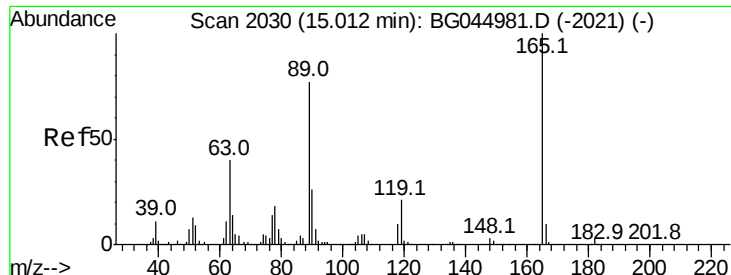


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC

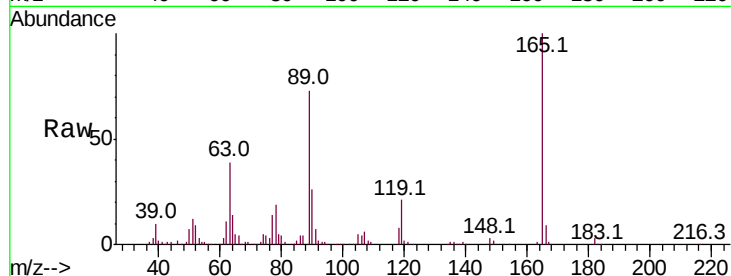




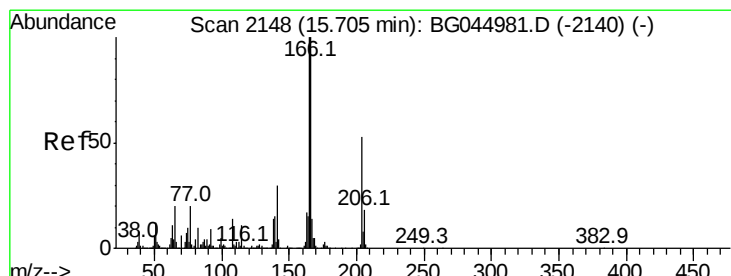
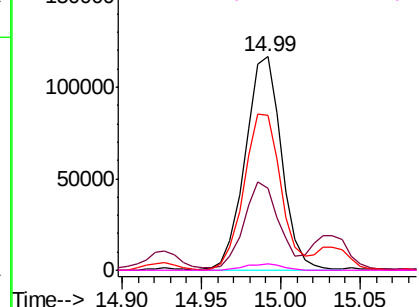
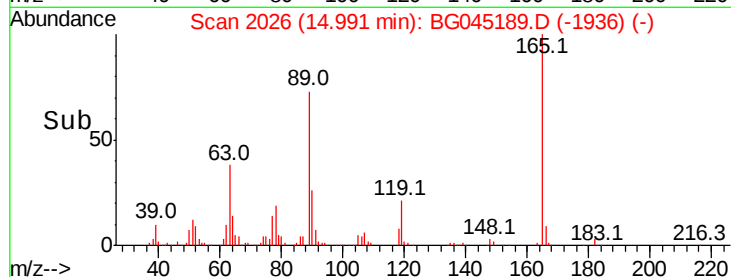
#57
 2,4-Dinitrotoluene
 Concen: 41.045 ng
 RT: 14.99 min Scan# 2026
 Delta R.T. 0.00 min
 Lab File: BG045189.D
 Acq: 28 Apr 2020 17:33

Instrument :
 BNA_G
 ClientSampleId :
 PB128517BS

Tot Ion:165 Resp: 184785
 Ion Ratio Lower Upper
 165 100
 63 38.7 32.2 48.2
 89 72.7 61.7 92.5
 182 3.0 2.0 3.0#

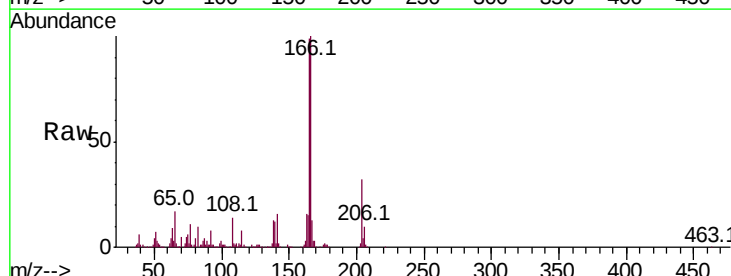


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG
 Ion 182.00 (181.70 to 182.70): E

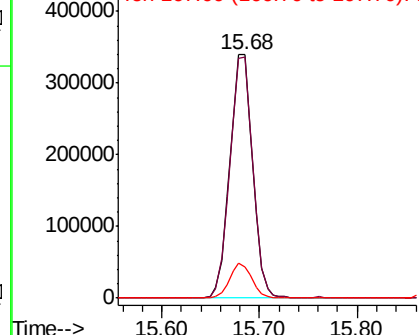
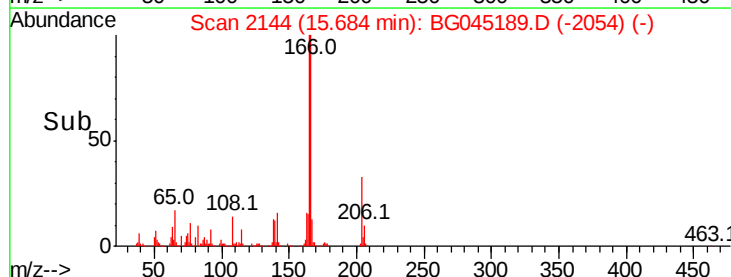


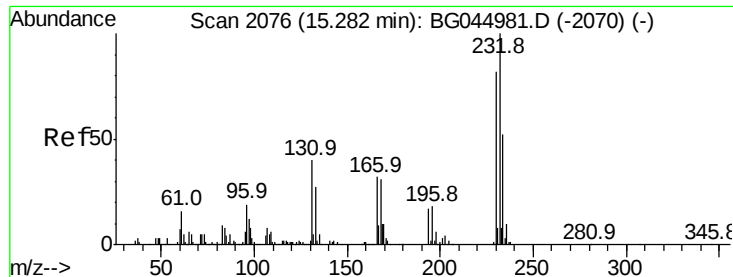
#58
 Fluorene
 Concen: 42.865 ng
 RT: 15.68 min Scan# 2144
 Delta R.T. 0.00 min
 Lab File: BG045189.D
 Acq: 28 Apr 2020 17:33

Tgt Ion:166 Resp: 552649
 Ion Ratio Lower Upper
 166 100
 165 99.0 79.9 119.9
 167 13.0 11.4 17.0



Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

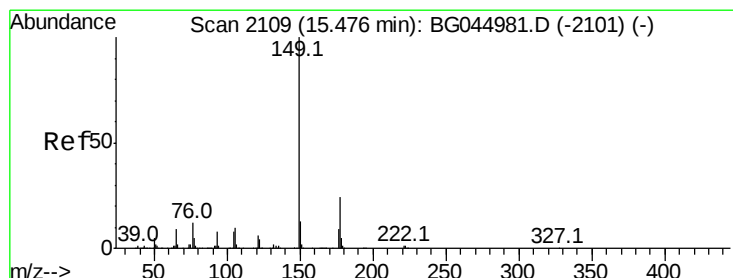
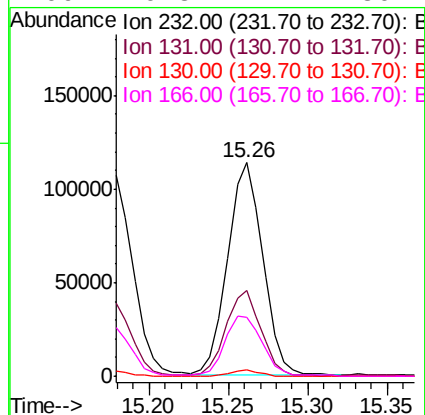
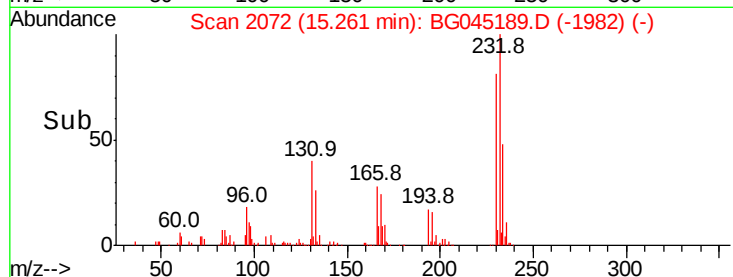
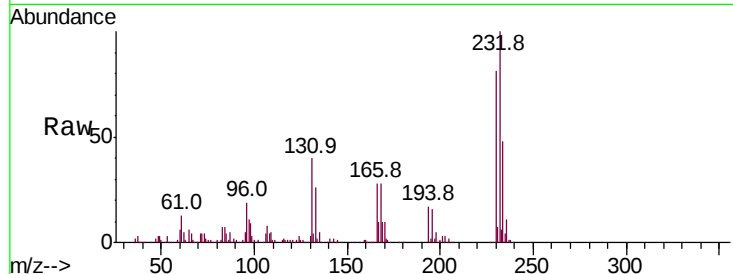




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 44.956 ng
 RT: 15.26 min Scan# 2072
 Delta R.T. 0.00 min
 Lab File: BG045189.D
 Acq: 28 Apr 2020 17:33

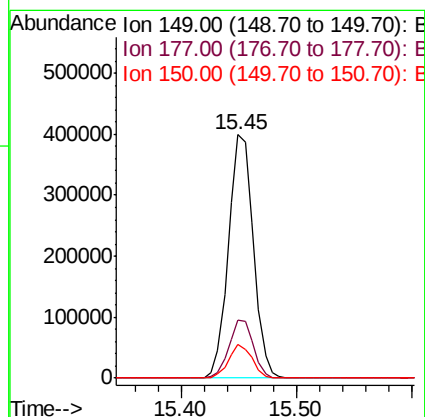
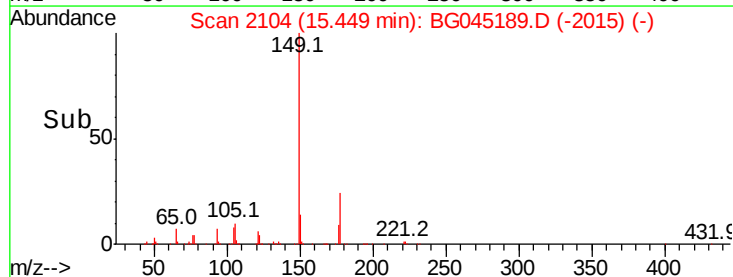
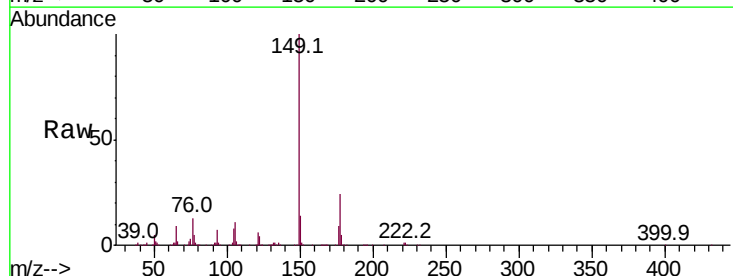
Instrument :
 BNA_G
 ClientSampleId :
 PB128517BS

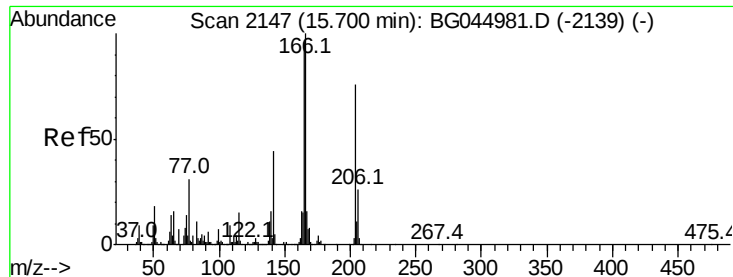
Tot Ion	Ratio	Lower	Upper
232	100		
131	39.7	32.2	48.2
130	2.4	2.2	3.2
166	29.3	24.2	36.4



#60
 Diethylphthalate
 Concen: 41.416 ng
 RT: 15.45 min Scan# 2104
 Delta R.T. -0.00 min
 Lab File: BG045189.D
 Acq: 28 Apr 2020 17:33

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.7	18.9	28.3
150	13.9	10.6	15.8

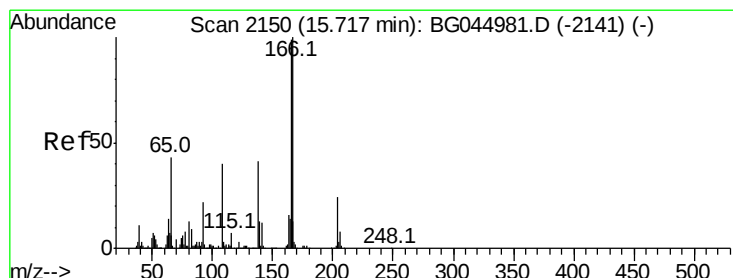
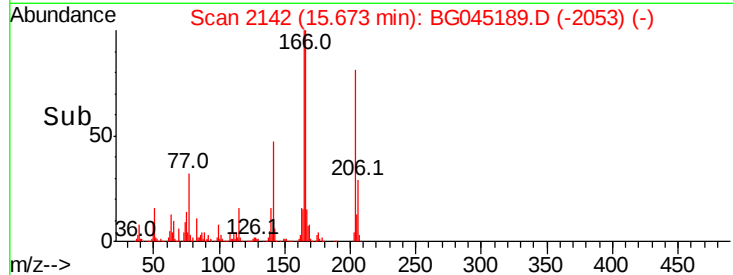
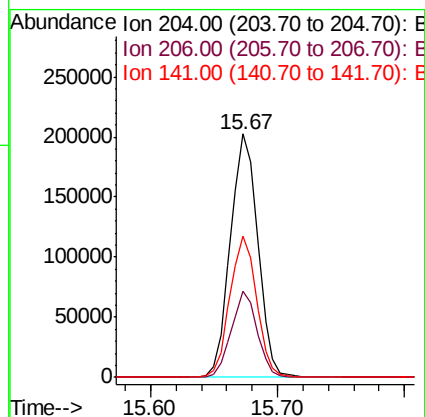
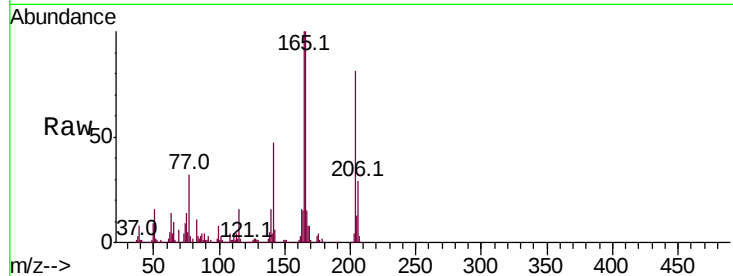




#61
4-Chlorophenyl-phenylether
Concen: 40.771 ng
RT: 15.67 min Scan# 2142
Delta R.T. -0.00 min
Lab File: BG045189.D
Acq: 28 Apr 2020 17:33

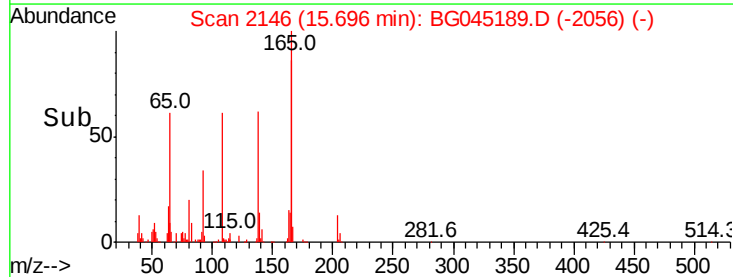
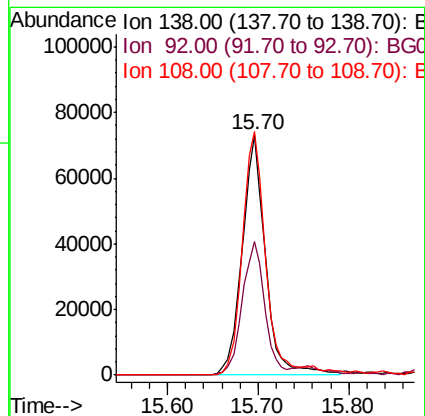
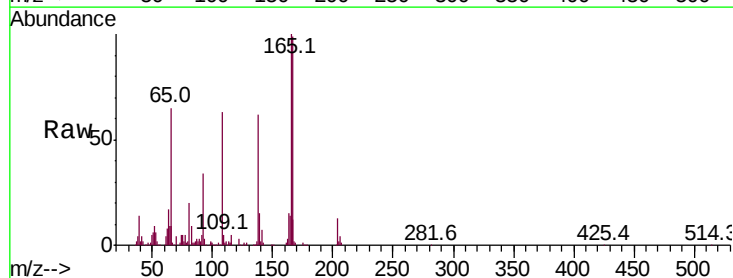
Instrument :
BNA_G
ClientSampleId :
PB128517BS

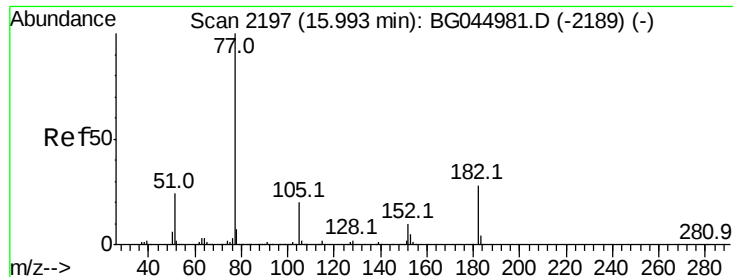
Tot Ion	Ratio	Lower	Upper
204	100		
206	35.5	26.9	40.3
141	58.1	46.3	69.5



#62
4-Nitroaniline
Concen: 37.455 ng
RT: 15.70 min Scan# 2146
Delta R.T. 0.00 min
Lab File: BG045189.D
Acq: 28 Apr 2020 17:33

Tgt Ion	Ratio	Lower	Upper
138	100		
92	55.7	33.6	73.6
108	101.3	78.2	118.2





#63

Azobenzene

Concen: 42.147 ng

RT: 15.97 min Scan# 2192

Delta R.T. 0.00 min

Lab File: BG045189.D

Acq: 28 Apr 2020 17:33

Instrument :

BNA_G

ClientSampleId :

PB128517BS

Tot Ion: 77 Resp: 557990

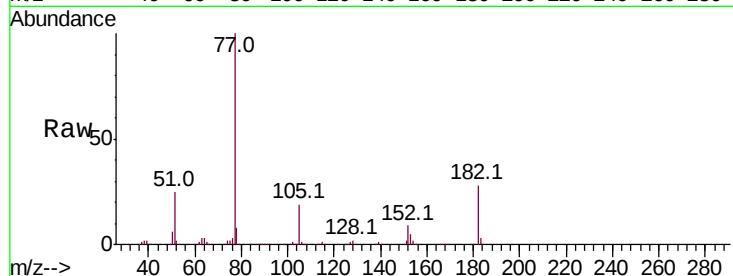
Ion Ratio Lower Upper

77 100

182 27.5 8.4 48.4

105 19.4 0.5 40.5

51 24.8 4.4 44.4

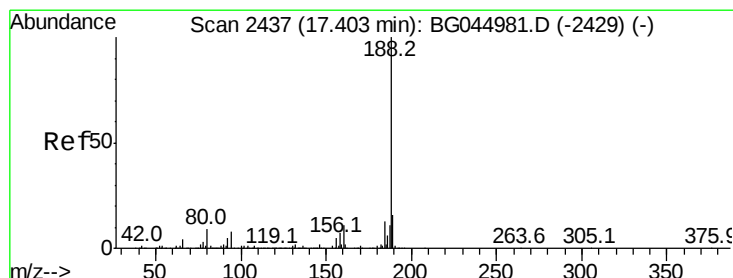
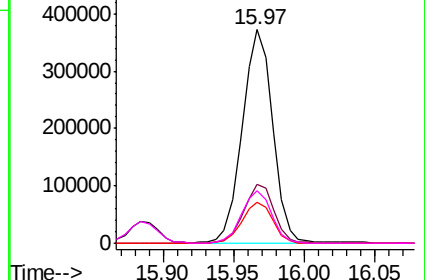
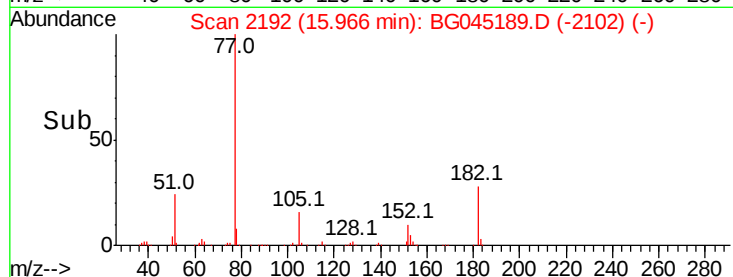


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 17.38 min Scan# 2432

Delta R.T. -0.00 min

Lab File: BG045189.D

Acq: 28 Apr 2020 17:33

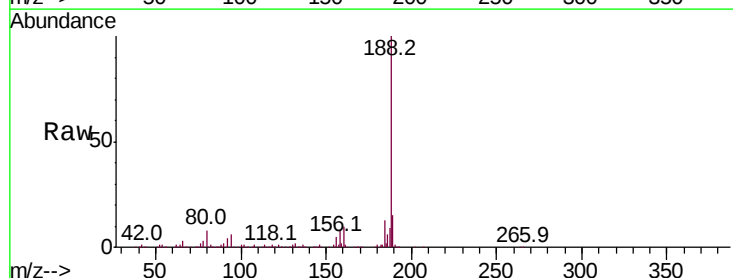
Tgt Ion: 188 Resp: 428836

Ion Ratio Lower Upper

188 100

94 6.4 6.2 9.4

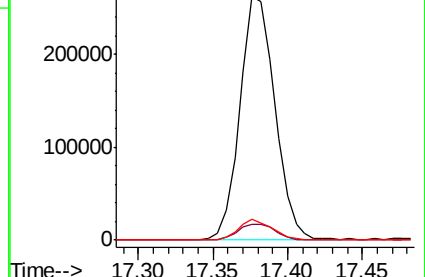
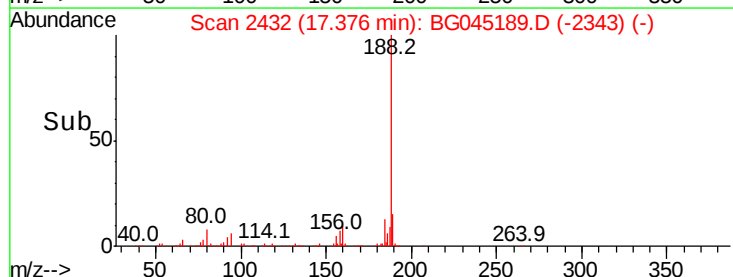
80 8.4 7.0 10.6

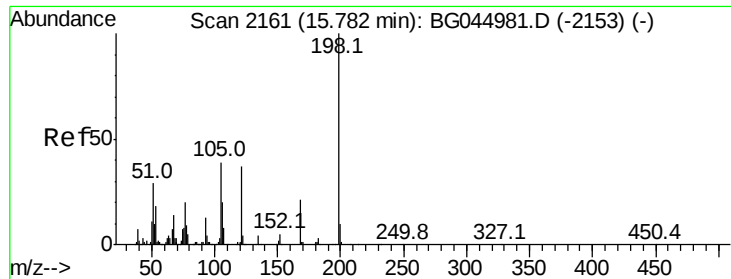


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

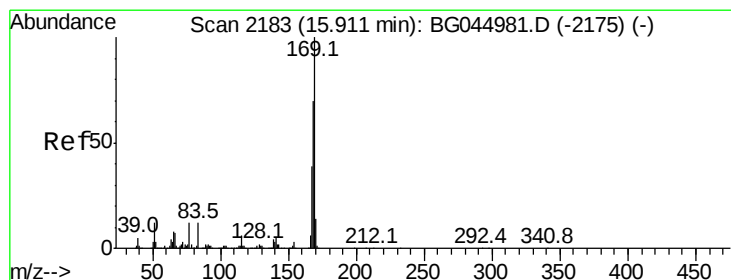
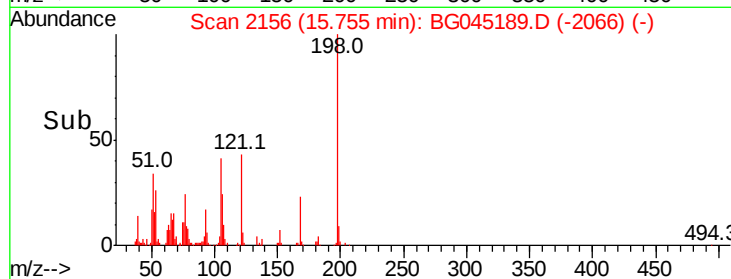
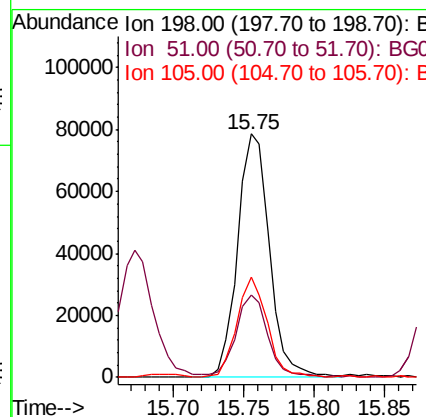
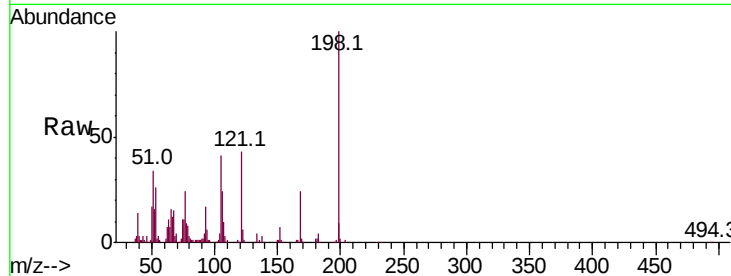




#65
 4,6-Dinitro-2-methylphenol
 Concen: 43.974 ng
 RT: 15.75 min Scan# 2156
 Delta R.T. 0.00 min
 Lab File: BG045189.D
 Acq: 28 Apr 2020 17:33

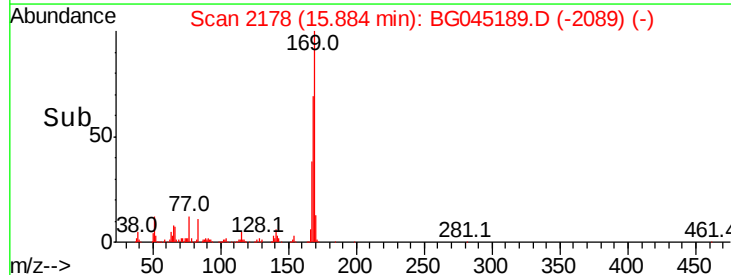
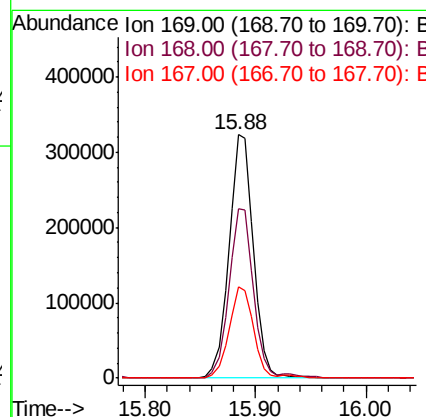
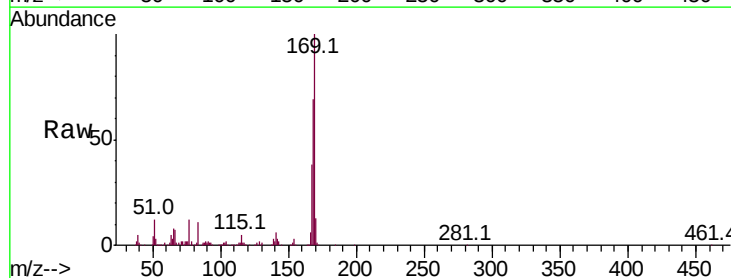
Instrument :
 BNA_G
 ClientSampleId :
 PB128517BS

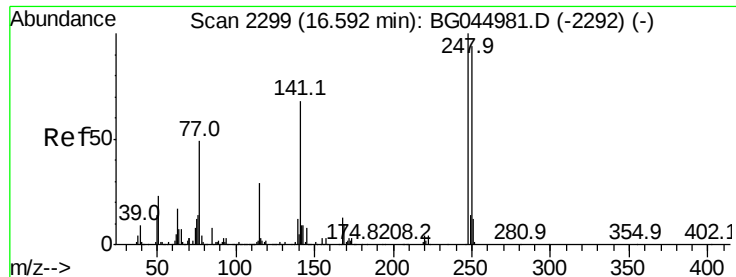
Tot Ion	Ratio	Lower	Upper
198	100		
51	33.6	10.0	50.0
105	40.9	18.9	58.9



#66
 n-Nitrosodiphenylamine
 Concen: 40.464 ng
 RT: 15.88 min Scan# 2178
 Delta R.T. -0.00 min
 Lab File: BG045189.D
 Acq: 28 Apr 2020 17:33

Tgt Ion	Ratio	Lower	Upper
169	100		
168	69.4	55.8	83.8
167	37.6	30.8	46.2

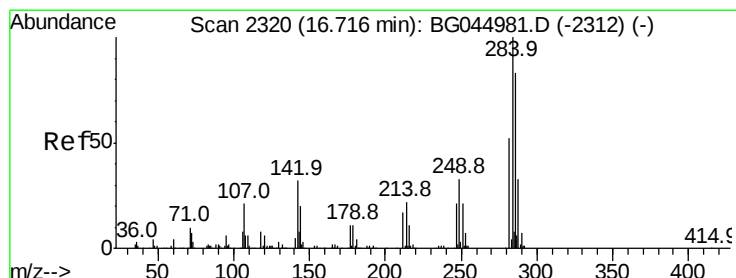
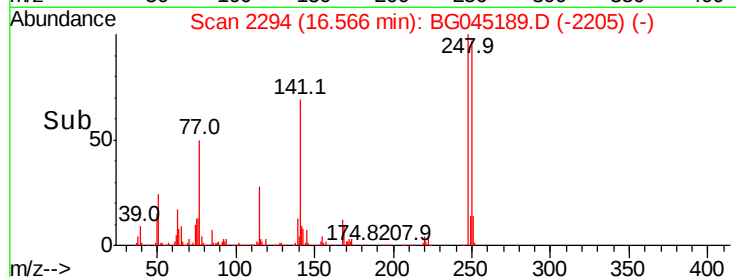
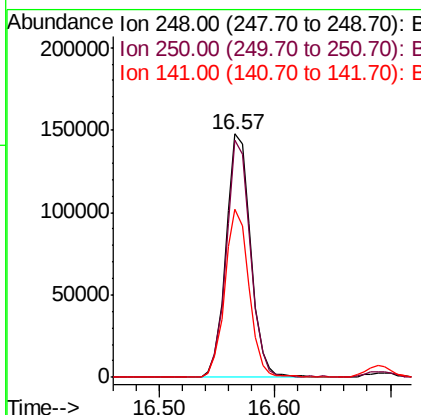
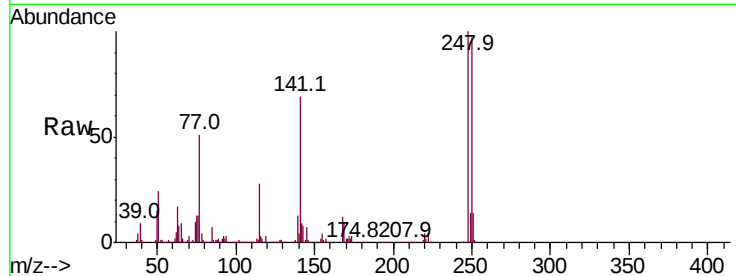




#67
4-Bromophenyl-phenylether
Concen: 39.293 ng
RT: 16.57 min Scan# 2294
Delta R.T. -0.00 min
Lab File: BG045189.D
Acq: 28 Apr 2020 17:33

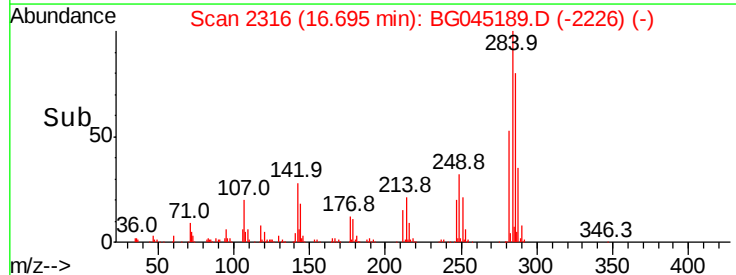
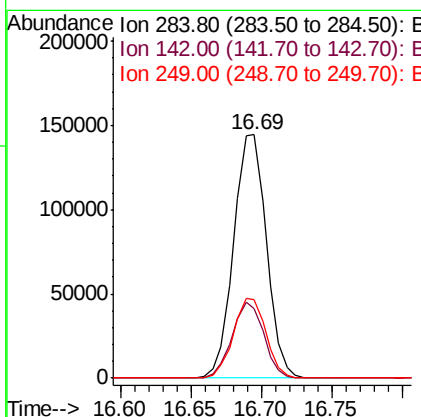
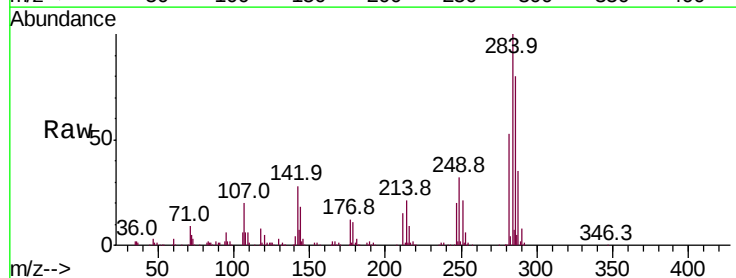
Instrument :
BNA_G
ClientSampleId :
PB128517BS

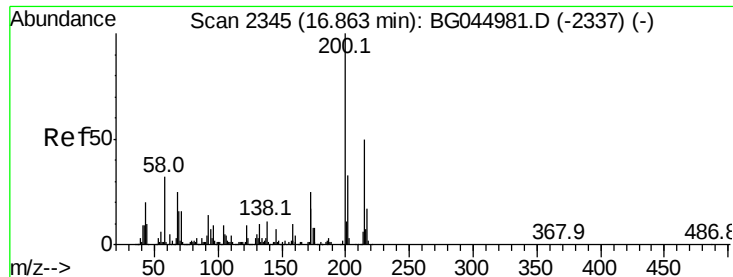
Tot Ion	Ratio	Lower	Upper
248	100		
250	97.2	75.4	113.2
141	68.8	54.4	81.6



#68
Hexachlorobenzene
Concen: 40.826 ng
RT: 16.69 min Scan# 2316
Delta R.T. 0.00 min
Lab File: BG045189.D
Acq: 28 Apr 2020 17:33

Tgt Ion	Ratio	Lower	Upper
284	100		
142	28.4	25.8	38.6
249	32.0	26.6	39.8





#69

Atrazine

Concen: 47.386 ng

RT: 16.84 min Scan# 2340

Delta R.T. 0.00 min

Lab File: BG045189.D

Acq: 28 Apr 2020 17:33

Instrument :

BNA_G

ClientSampleId :

PB128517BS

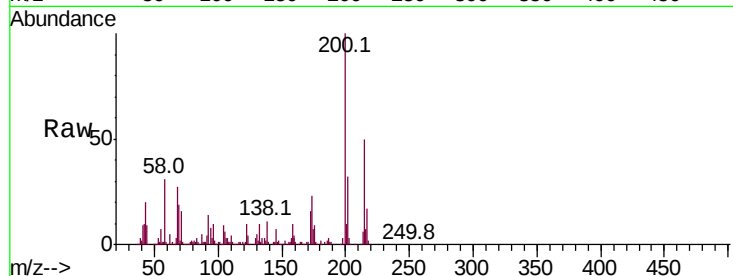
Tot Ion:200 Resp: 211816

Ion Ratio Lower Upper

200 100

173 23.0 4.5 44.5

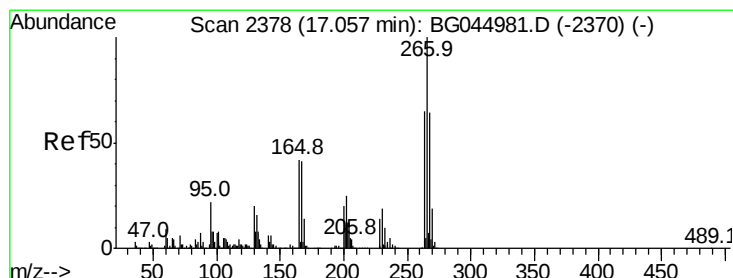
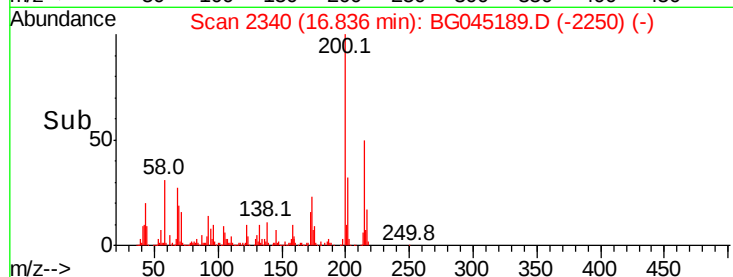
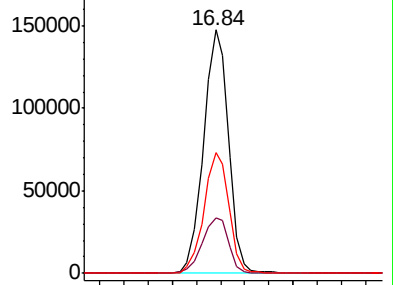
215 49.6 30.0 70.0



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: 85.538 ng

RT: 17.04 min Scan# 2374

Delta R.T. 0.00 min

Lab File: BG045189.D

Acq: 28 Apr 2020 17:33

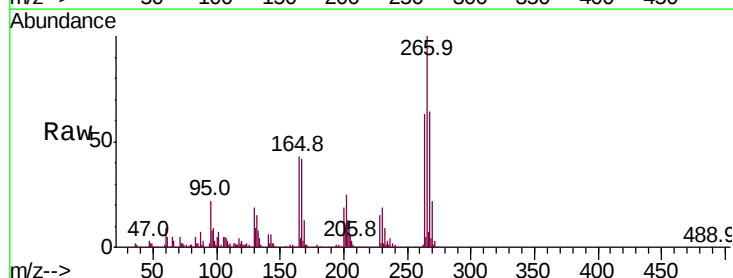
Tgt Ion:266 Resp: 301082

Ion Ratio Lower Upper

266 100

268 64.0 51.5 77.3

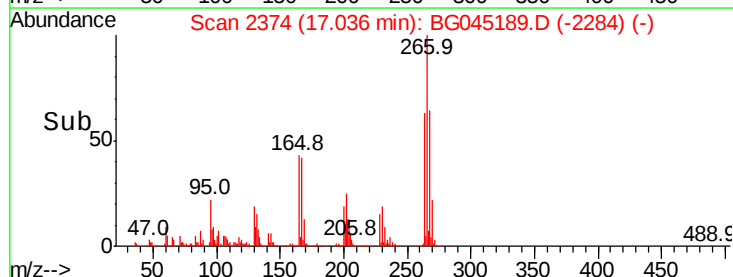
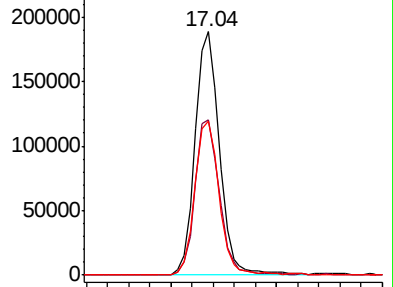
264 63.0 52.2 78.4

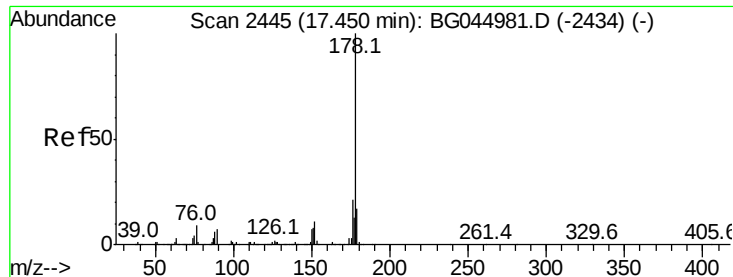


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

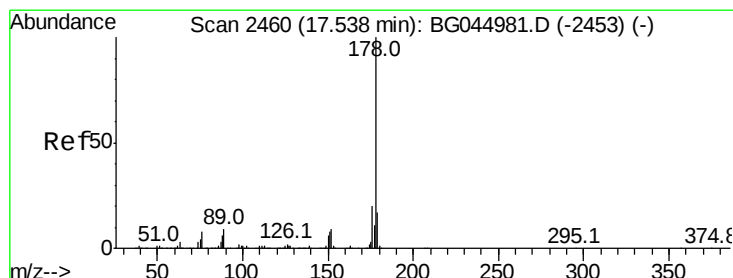
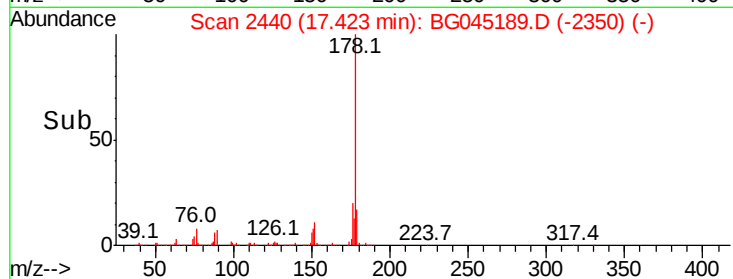
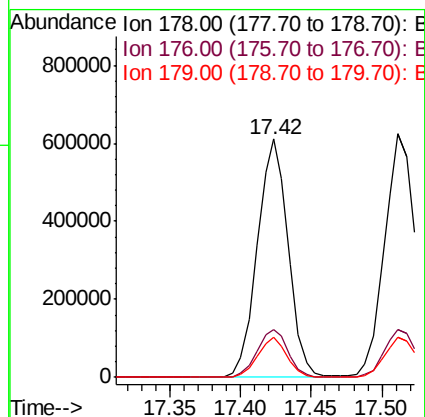
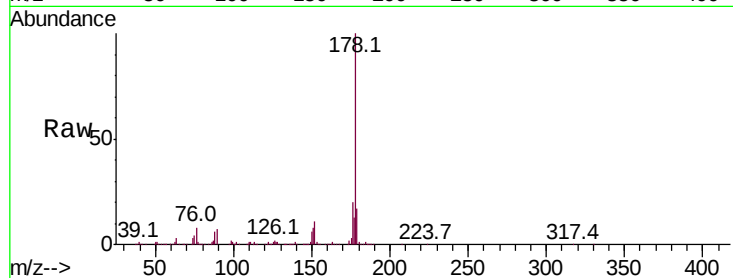




#71
 Phenanthrene
 Concen: 42.452 ng
 RT: 17.42 min Scan# 2440
 Delta R.T. 0.00 min
 Lab File: BG045189.D
 Acq: 28 Apr 2020 17:33

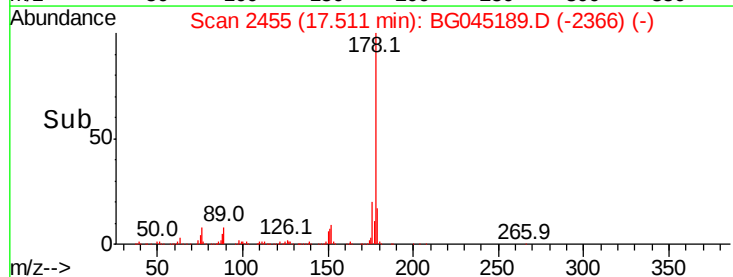
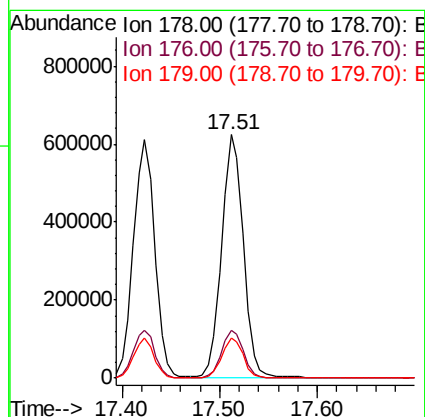
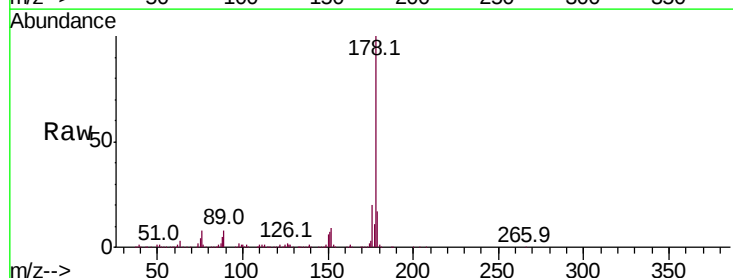
Instrument :
 BNA_G
 ClientSampleId :
 PB128517BS

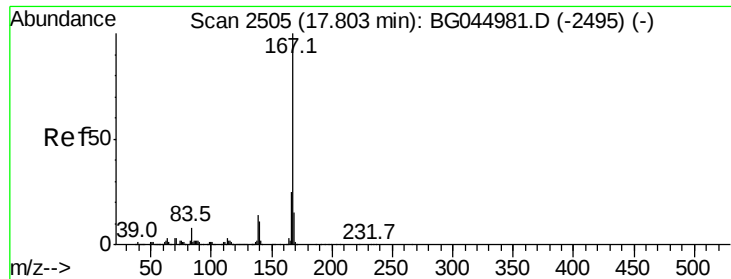
Tot Ion	Ratio	Lower	Upper
178	100		
176	20.2	16.8	25.2
179	16.6	13.2	19.8



#72
 Anthracene
 Concen: 43.513 ng
 RT: 17.51 min Scan# 2455
 Delta R.T. -0.00 min
 Lab File: BG045189.D
 Acq: 28 Apr 2020 17:33

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.8	16.0	24.0
179	16.7	13.6	20.4

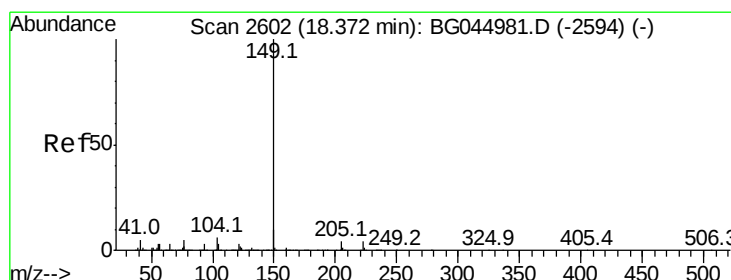
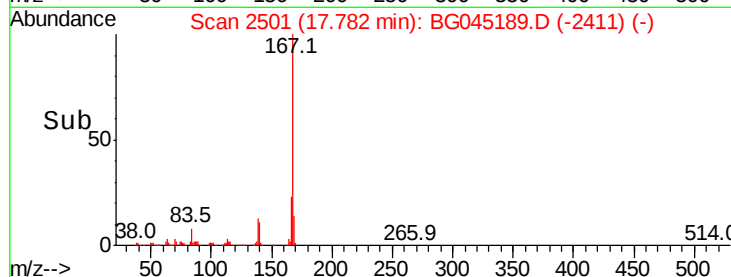
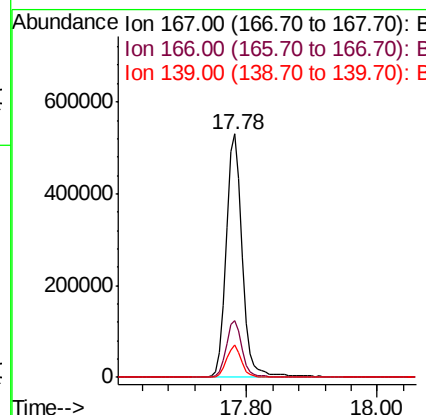
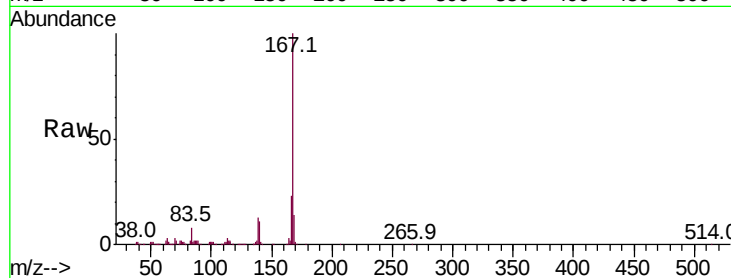




#73
 Carbazole
 Concen: 40.496 ng
 RT: 17.78 min Scan# 2501
 Delta R.T. 0.00 min
 Lab File: BG045189.D
 Acq: 28 Apr 2020 17:33

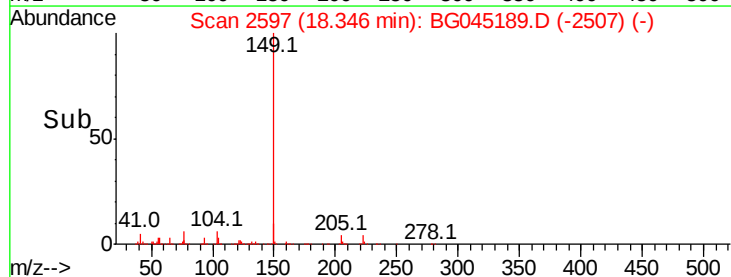
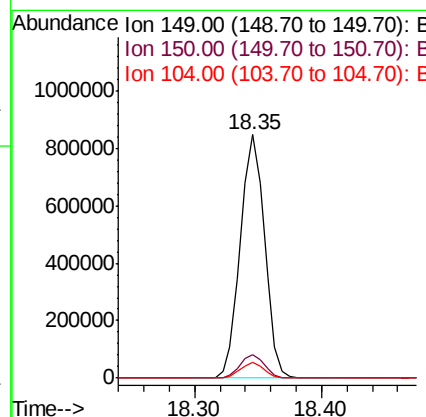
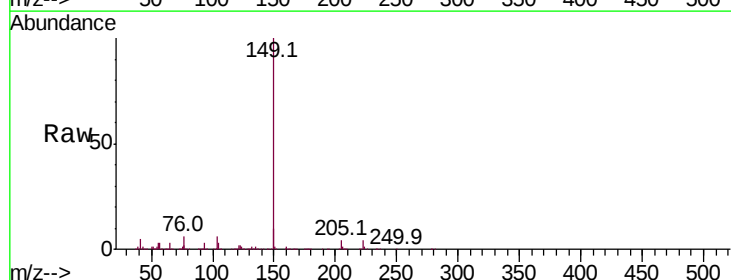
Instrument :
 BNA_G
 ClientSampleId :
 PB128517BS

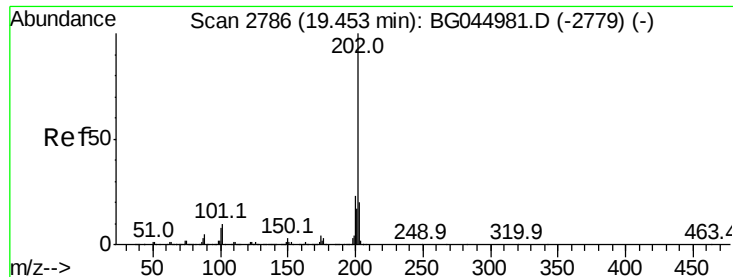
Tot Ion:167 Resp: 908413
 Ion Ratio Lower Upper
 167 100
 166 23.5 19.8 29.6
 139 13.2 10.9 16.3



#74
 Di-n-butylphthalate
 Concen: 46.079 ng
 RT: 18.35 min Scan# 2597
 Delta R.T. 0.00 min
 Lab File: BG045189.D
 Acq: 28 Apr 2020 17:33

Tgt Ion:149 Resp: 1121645
 Ion Ratio Lower Upper
 149 100
 150 9.8 8.2 12.2
 104 6.3 4.8 7.2





#75

Fluoranthene

Concen: 49.172 ng

RT: 19.43 min Scan# 2782

Delta R.T. 0.00 min

Lab File: BG045189.D

Acq: 28 Apr 2020 17:33

Instrument :

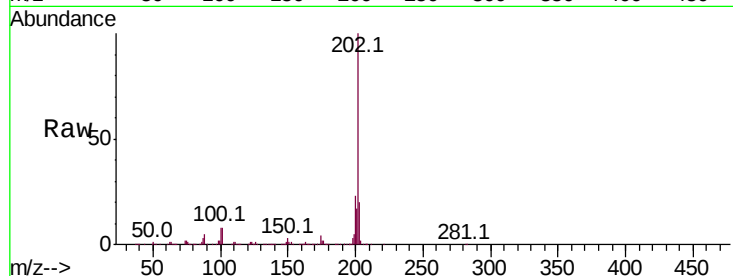
BNA_G

ClientSampleId :

PB128517BS

Tot Ion:202 Resp: 1258816

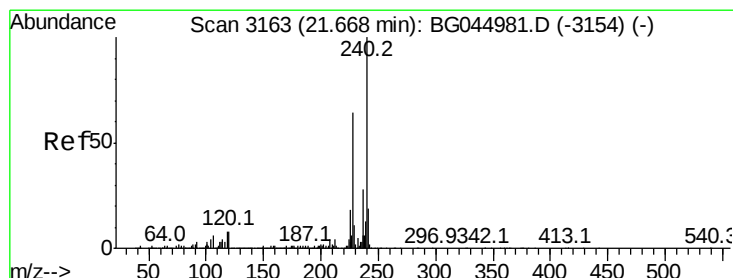
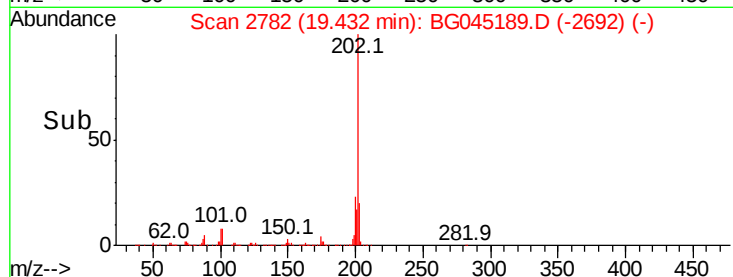
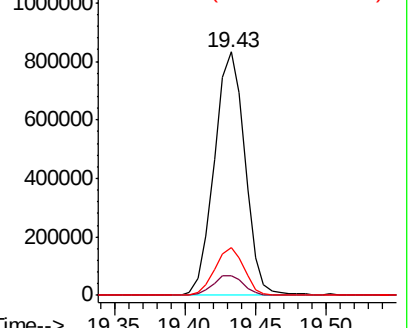
Ion	Ratio	Lower	Upper
202	100		
101	8.3	0.0	29.6
203	19.5	0.0	39.7



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: 21.65 min Scan# 3159

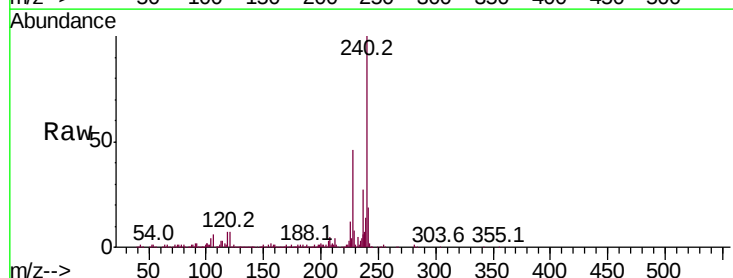
Delta R.T. 0.00 min

Lab File: BG045189.D

Acq: 28 Apr 2020 17:33

Tgt Ion:240 Resp: 432176

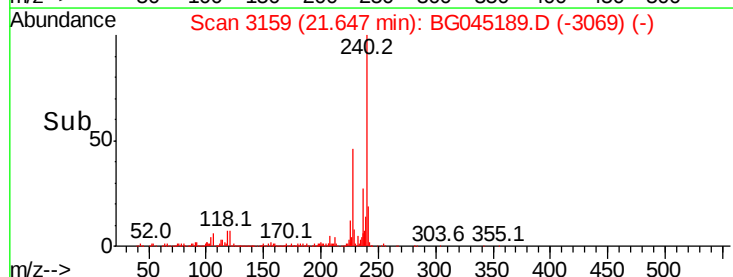
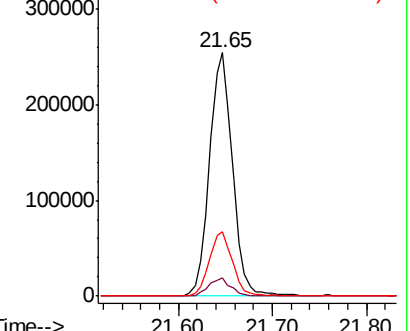
Ion	Ratio	Lower	Upper
240	100		
120	7.4	6.6	10.0
236	26.6	22.2	33.2

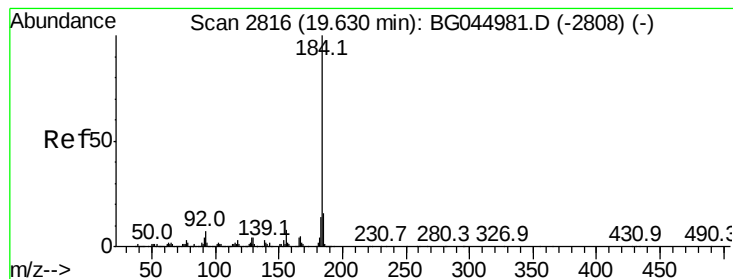


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 58.167 ng

RT: 19.61 min Scan# 2812

Delta R.T. 0.00 min

Lab File: BG045189.D

Acq: 28 Apr 2020 17:33

Instrument :

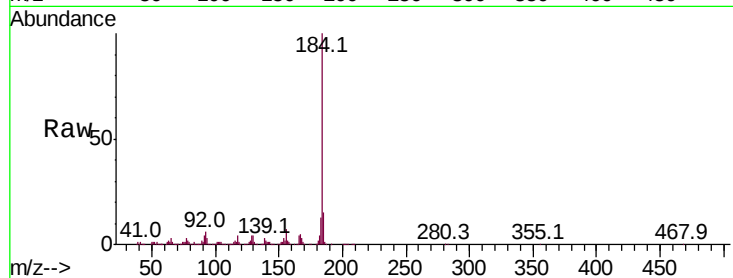
BNA_G

ClientSampleId :

PB128517BS

Tot Ion:184 Resp: 706290

Ion	Ratio	Lower	Upper
184	100		
185	14.7	12.6	19.0
183	12.7	11.3	16.9

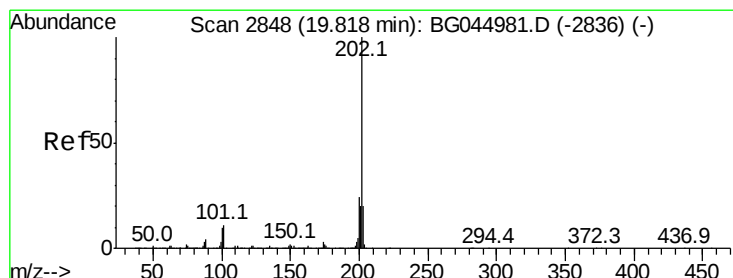
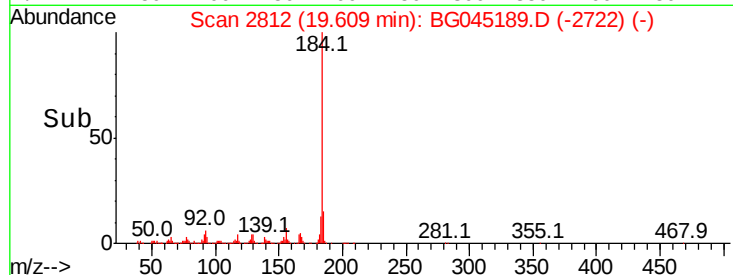
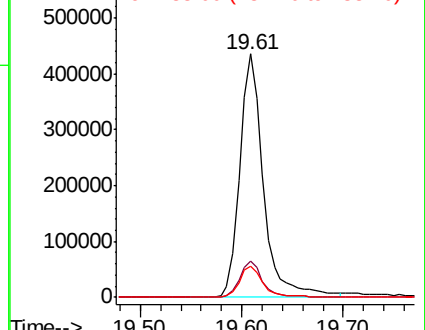


Abundance

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: 41.739 ng

RT: 19.79 min Scan# 2843

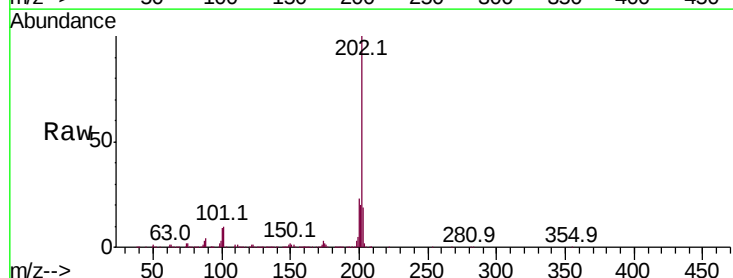
Delta R.T. -0.00 min

Lab File: BG045189.D

Acq: 28 Apr 2020 17:33

Tgt Ion:202 Resp: 1243593

Ion	Ratio	Lower	Upper
202	100		
200	22.5	19.0	28.6
203	19.0	16.1	24.1

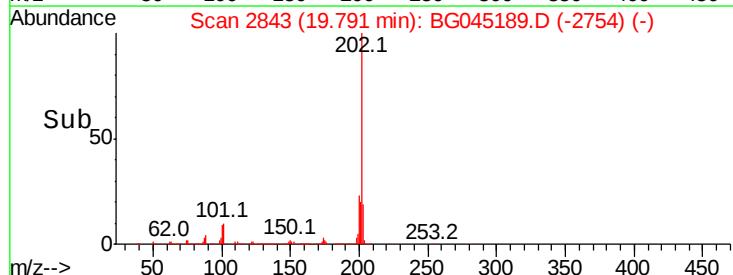
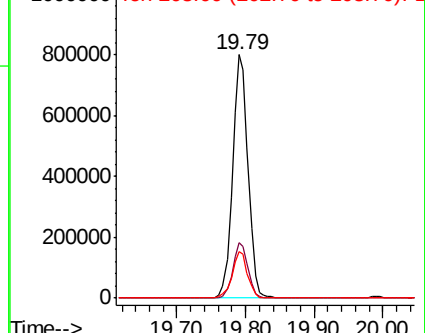


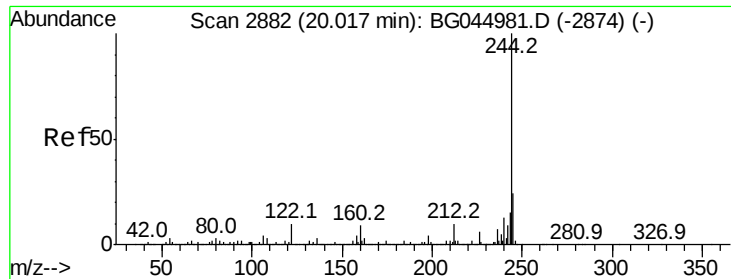
Abundance

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: 91.366 ng

RT: 19.99 min Scan# 2877

Delta R.T. -0.00 min

Lab File: BG045189.D

Acq: 28 Apr 2020 17:33

Instrument :

BNA_G

ClientSampleId :

PB128517BS

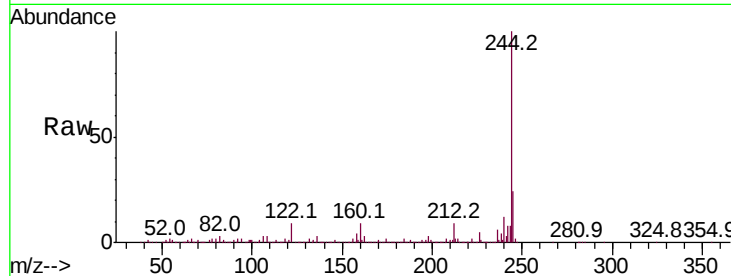
Tot Ion:244 Resp: 1811649

Ion	Ratio	Lower	Upper
244	100		
212	9.3	7.9	11.9
122	9.2	7.7	11.5

244 100

212 9.3 7.9 11.9

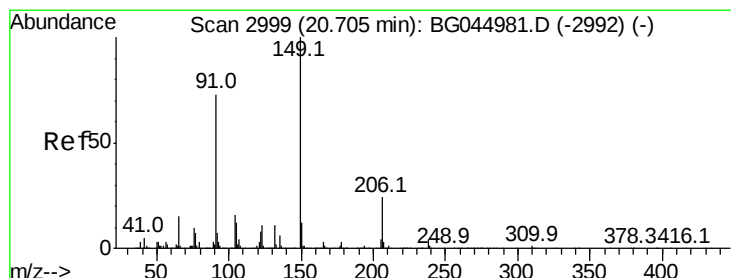
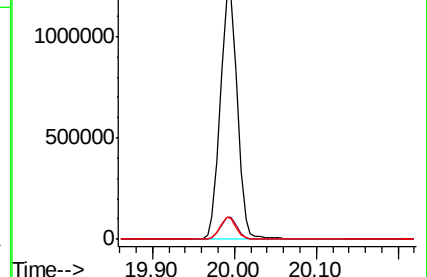
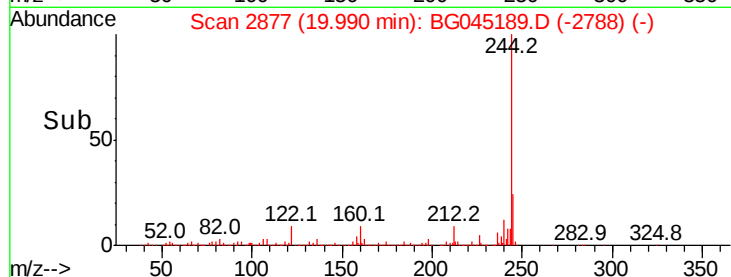
122 9.2 7.7 11.5



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: 41.855 ng

RT: 20.68 min Scan# 2995

Delta R.T. 0.00 min

Lab File: BG045189.D

Acq: 28 Apr 2020 17:33

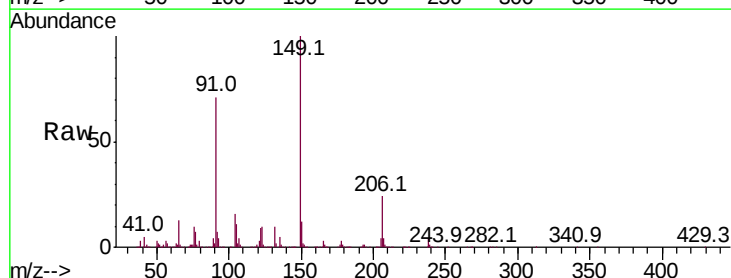
Tgt Ion:149 Resp: 516918

Ion	Ratio	Lower	Upper
149	100		
91	70.8	58.5	87.7
206	23.8	19.2	28.8

149 100

91 70.8 58.5 87.7

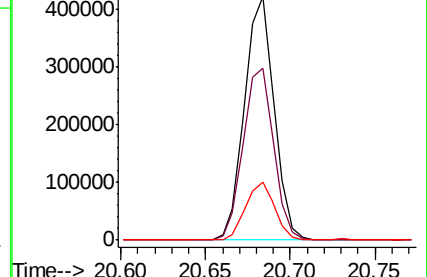
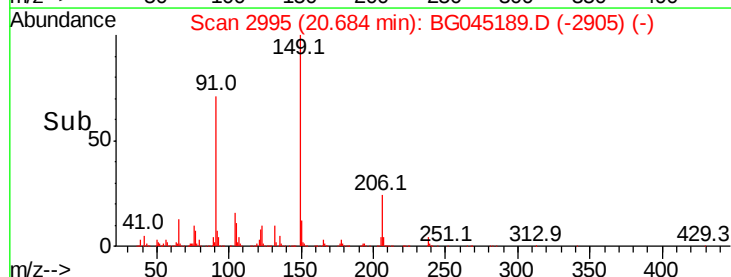
206 23.8 19.2 28.8

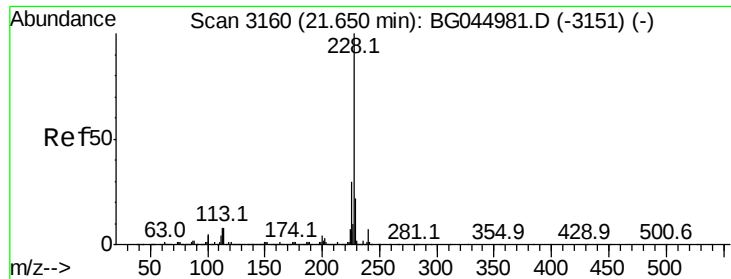


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 42.632 ng

RT: 21.62 min Scan# 3155

Delta R.T. -0.00 min

Lab File: BG045189.D

Acq: 28 Apr 2020 17:33

Instrument :

BNA_G

ClientSampleId :

PB128517BS

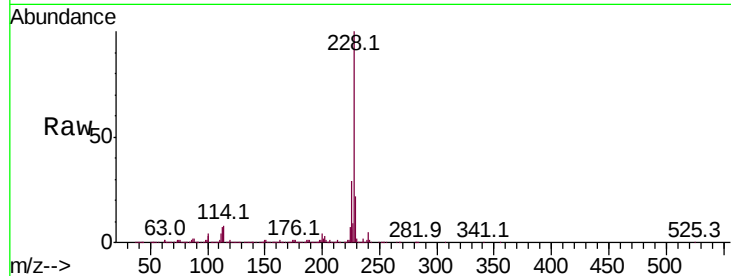
Tot Ion:228 Resp: 1194179

Ion Ratio Lower Upper

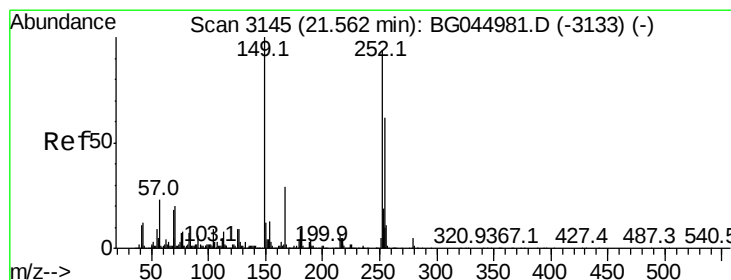
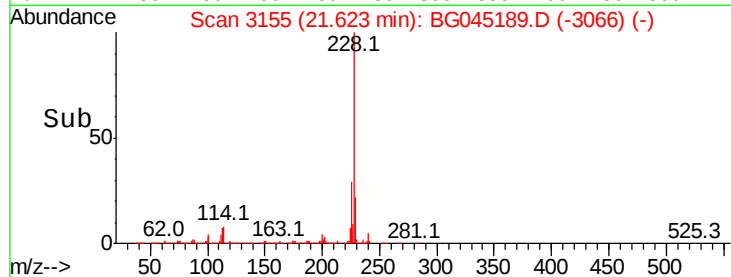
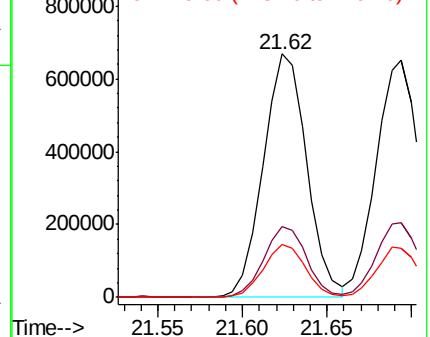
228 100

226 29.1 24.0 36.0

229 21.6 17.5 26.3



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: 26.143 ng

RT: 21.54 min Scan# 3141

Delta R.T. 0.00 min

Lab File: BG045189.D

Acq: 28 Apr 2020 17:33

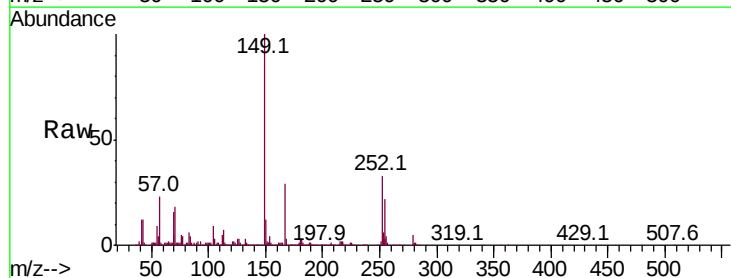
Tgt Ion:252 Resp: 291465

Ion Ratio Lower Upper

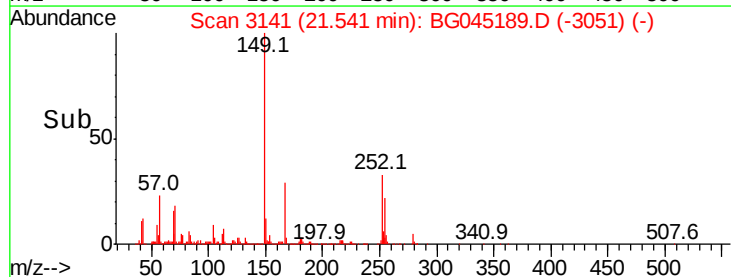
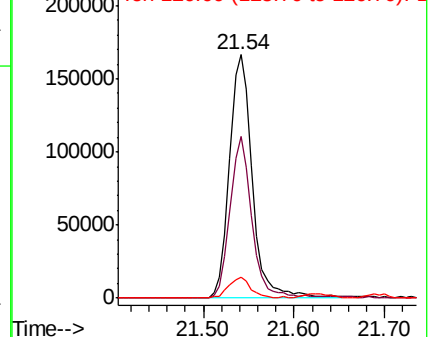
252 100

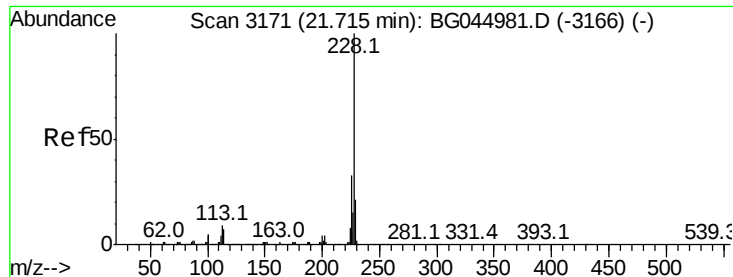
254 66.4 52.6 79.0

126 8.6 7.5 11.3



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 43.886 ng

RT: 21.69 min Scan# 3167

Delta R.T. 0.00 min

Lab File: BG045189.D

Acq: 28 Apr 2020 17:33

Instrument :

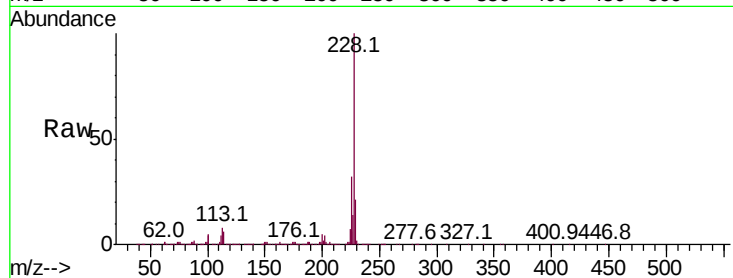
BNA_G

ClientSampleId :

PB128517BS

Tot Ion:228 Resp: 1181133

Ion	Ratio	Lower	Upper
228	100		
226	31.6	26.2	39.4
229	20.8	17.0	25.6

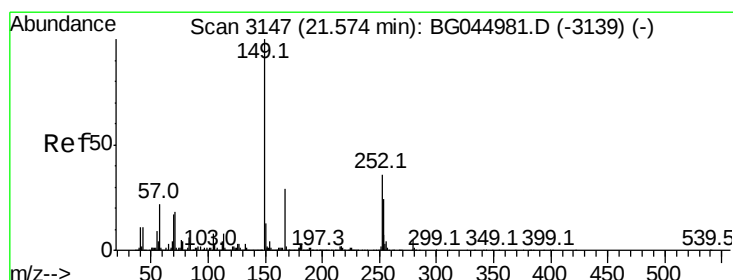
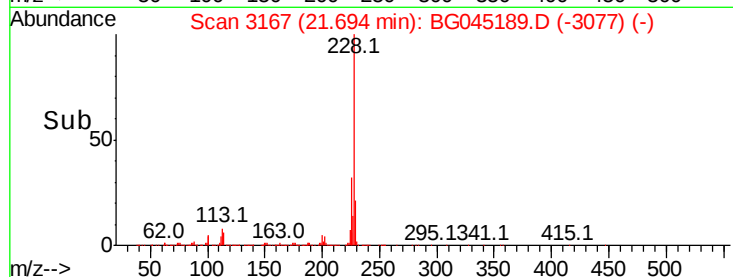
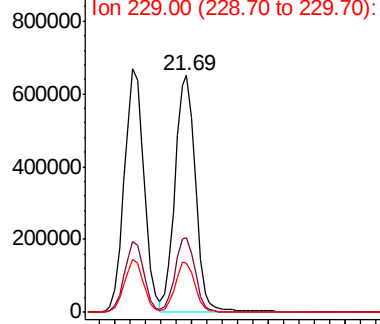


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.985 ng

RT: 21.54 min Scan# 3141

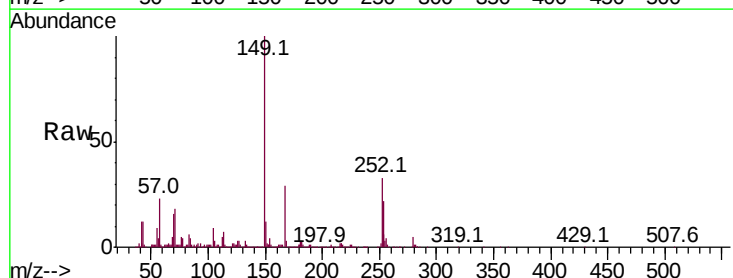
Delta R.T. -0.00 min

Lab File: BG045189.D

Acq: 28 Apr 2020 17:33

Tgt Ion:149 Resp: 730124

Ion	Ratio	Lower	Upper
149	100		
167	29.3	23.4	35.0
279	5.2	4.3	6.5

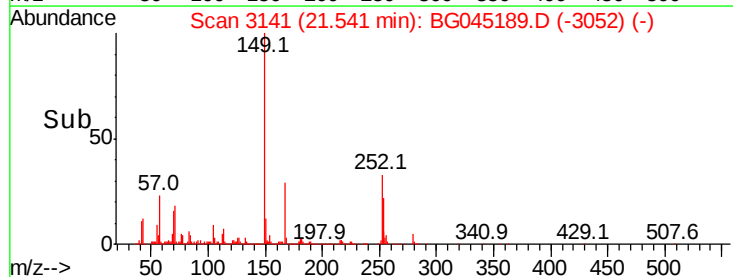
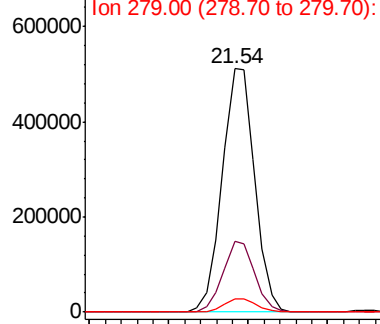


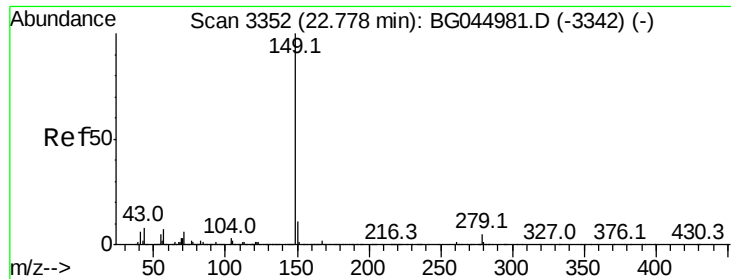
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 42.715 ng

RT: 22.75 min Scan# 3346

Delta R.T. 0.00 min

Lab File: BG045189.D

Acq: 28 Apr 2020 17:33

Instrument :

BNA_G

ClientSampleId :

PB128517BS

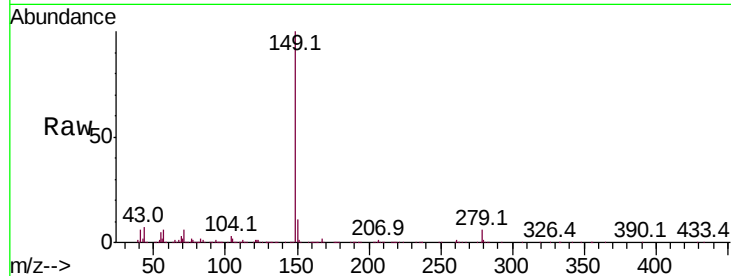
Tot Ion:149 Resp: 1254640

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.2

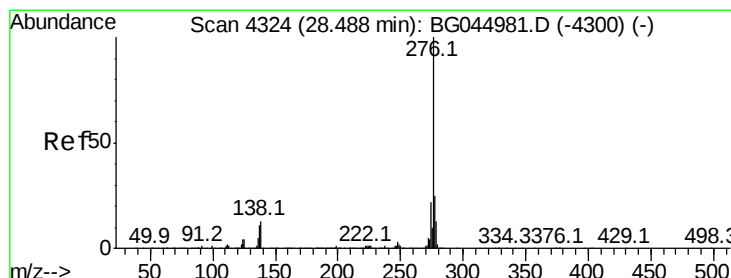
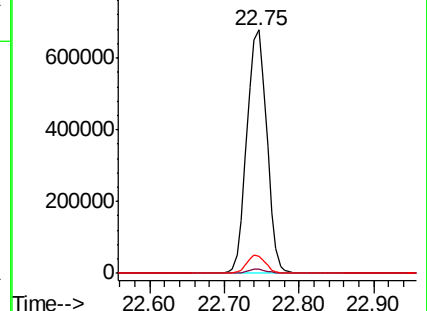
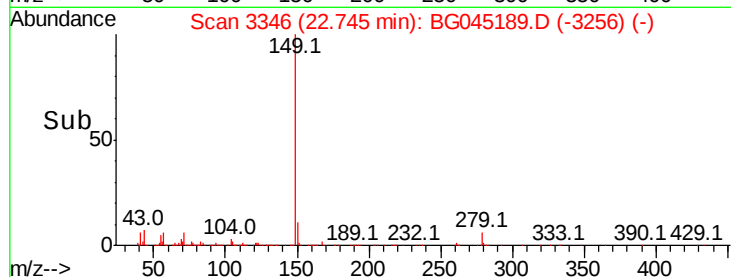
43 7.0 5.7 8.5



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: 44.109 ng

RT: 28.43 min Scan# 4313

Delta R.T. 0.00 min

Lab File: BG045189.D

Acq: 28 Apr 2020 17:33

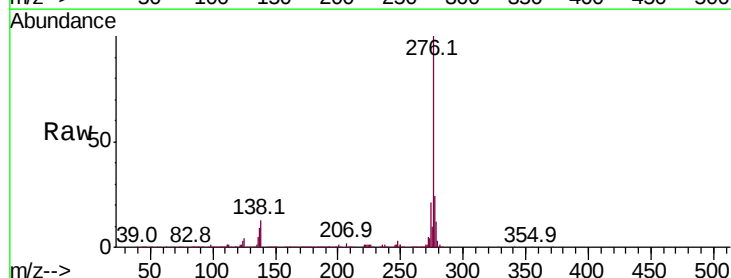
Tgt Ion:276 Resp: 1576154

Ion Ratio Lower Upper

276 100

138 11.4 9.6 14.4

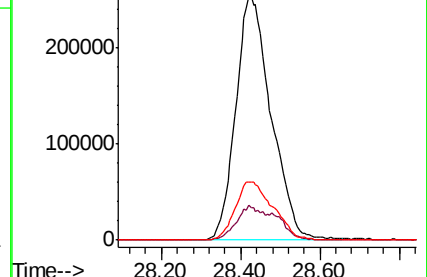
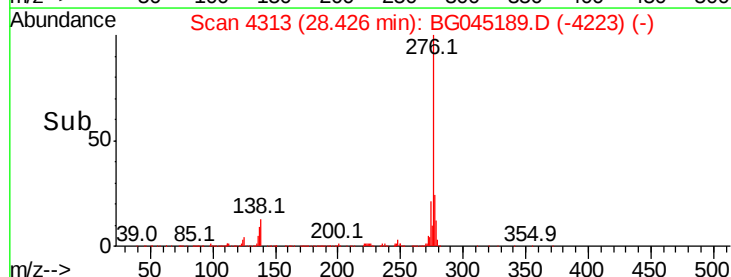
277 25.6 20.6 31.0

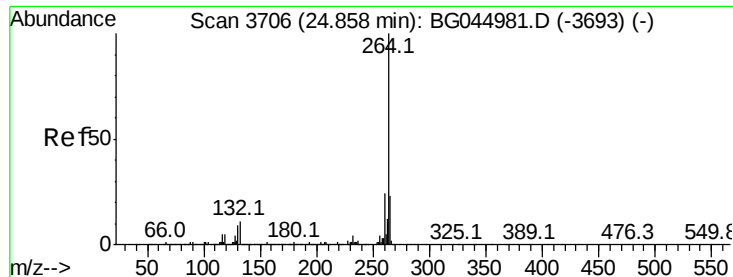


Abundance Ion 276.00 (275.70 to 276.70): E

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: 24.82 min Scan# 3699

Delta R.T. -0.00 min

Lab File: BG045189.D

Acq: 28 Apr 2020 17:33

Instrument :

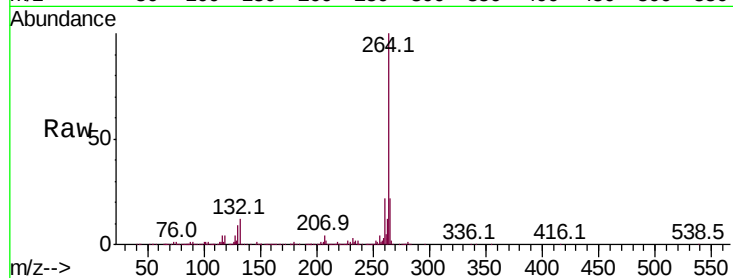
BNA_G

ClientSampleId :

PB128517BS

Tot Ion:264 Resp: 487177

Ion	Ratio	Lower	Upper
264	100		
260	22.2	19.2	28.8
265	21.6	19.0	28.4

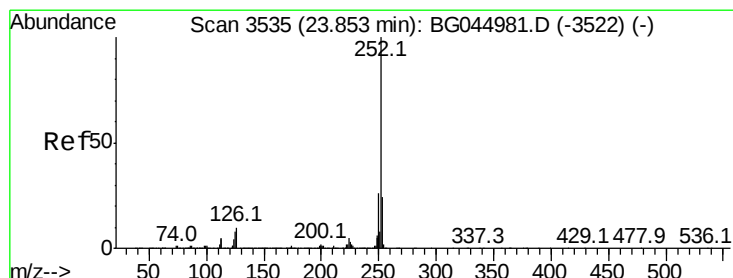
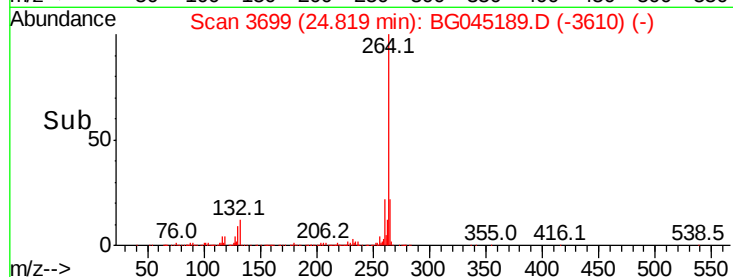
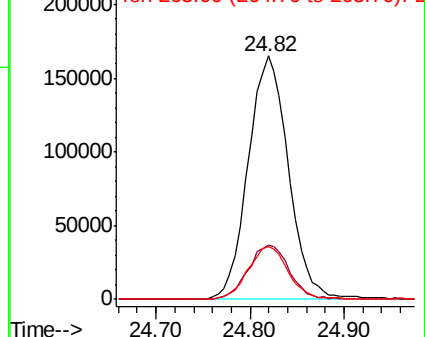


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 43.306 ng

RT: 23.81 min Scan# 3528

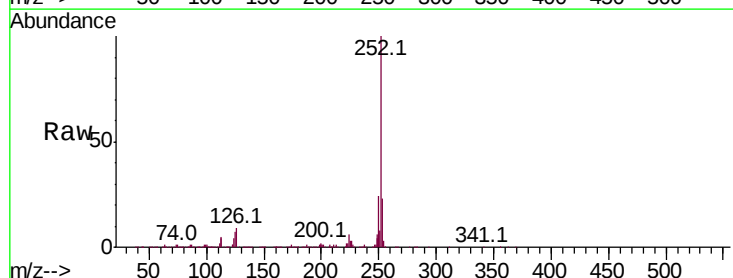
Delta R.T. -0.00 min

Lab File: BG045189.D

Acq: 28 Apr 2020 17:33

Tgt Ion:252 Resp: 1321538

Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.8	28.2
125	7.0	6.2	9.4

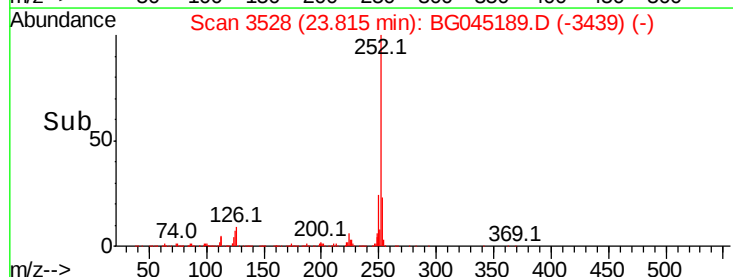
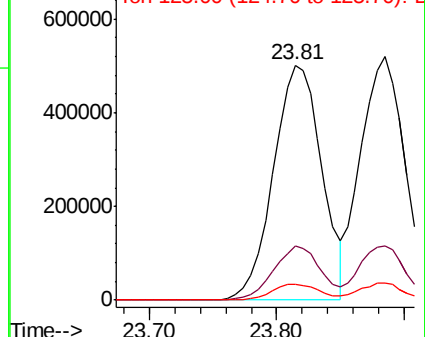


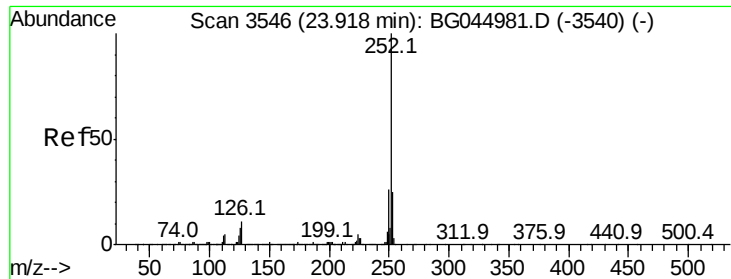
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 44.274 ng

RT: 23.89 min Scan# 3540

Delta R.T. -0.00 min

Lab File: BG045189.D

Acq: 28 Apr 2020 17:33

Instrument :

BNA_G

ClientSampleId :

PB128517BS

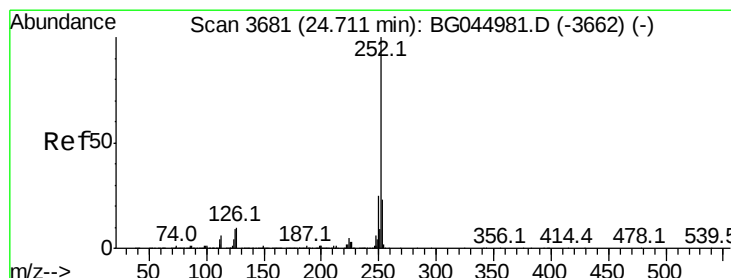
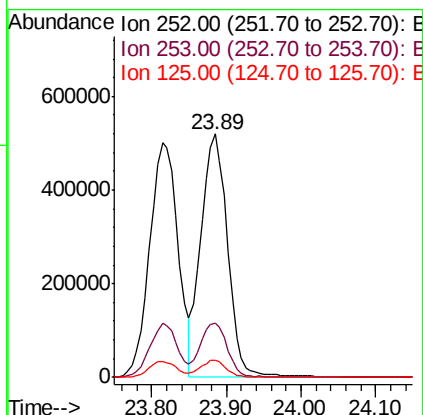
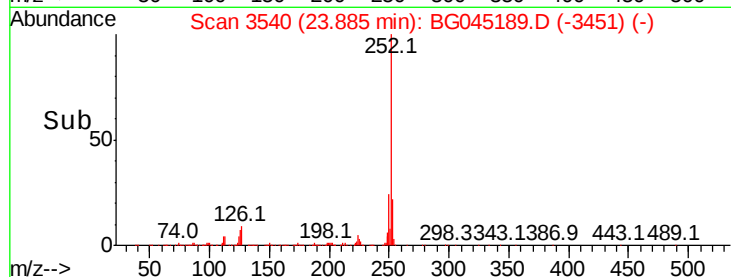
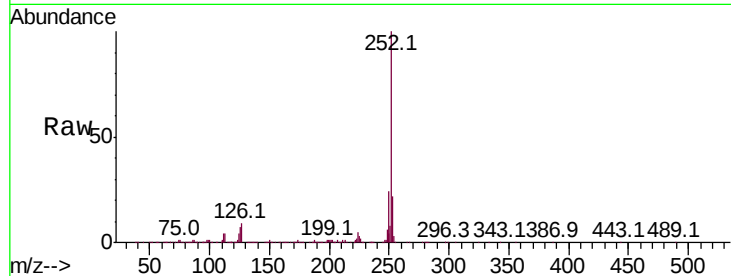
Tot Ion:252 Resp: 1284895

Ion Ratio Lower Upper

252 100

253 22.4 19.2 28.8

125 7.2 5.9 8.9



#90

Benzo(a)pyrene

Concen: 42.382 ng

RT: 24.67 min Scan# 3674

Delta R.T. -0.00 min

Lab File: BG045189.D

Acq: 28 Apr 2020 17:33

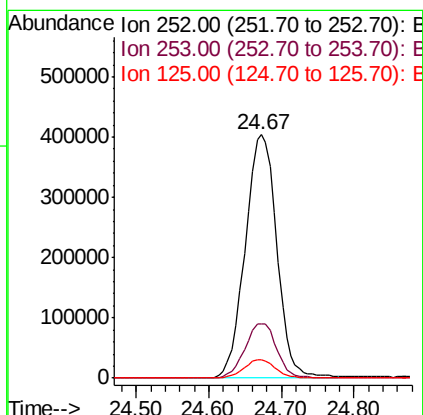
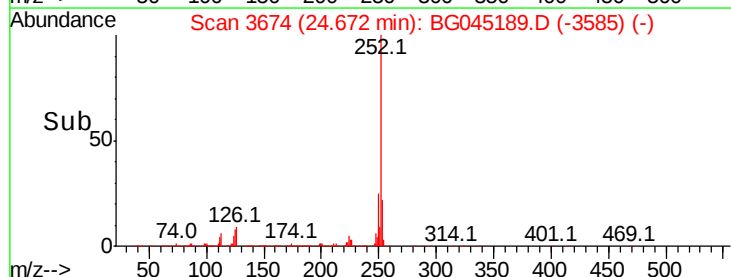
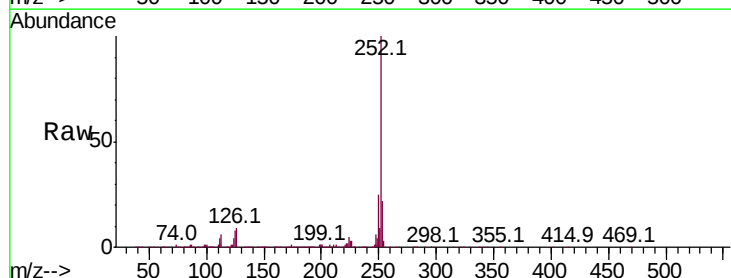
Tgt Ion:252 Resp: 1221127

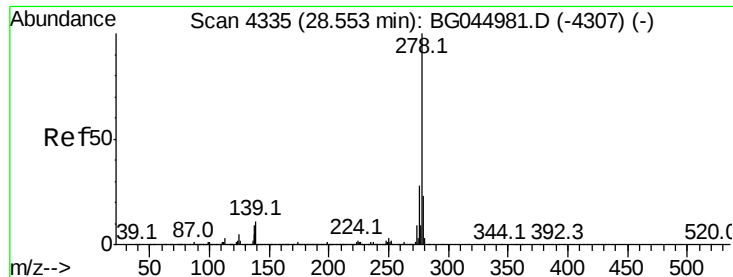
Ion Ratio Lower Upper

252 100

253 22.2 18.3 27.5

125 7.8 7.0 10.6





#91

Dibenzo(a,h)anthracene

Concen: 43.418 ng

RT: 28.49 min Scan# 4324

Delta R.T. -0.00 min

Lab File: BG045189.D

Acq: 28 Apr 2020 17:33

Instrument :

BNA_G

ClientSampleId :

PB128517BS

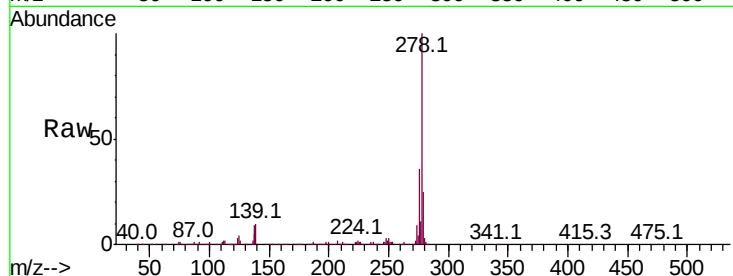
Tot Ion:278 Resp: 1260542

Ion Ratio Lower Upper

278 100

139 9.6 9.0 13.6

279 24.9 18.4 27.6

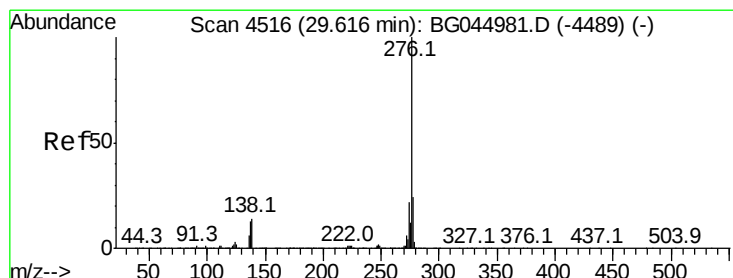
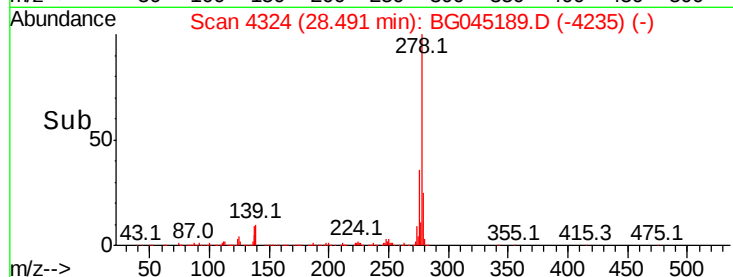
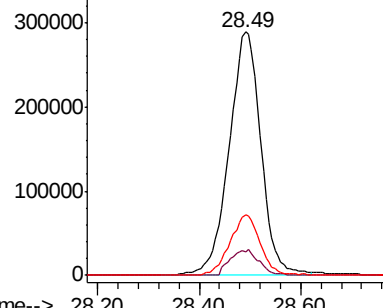


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 43.690 ng

RT: 29.55 min Scan# 4504

Delta R.T. -0.00 min

Lab File: BG045189.D

Acq: 28 Apr 2020 17:33

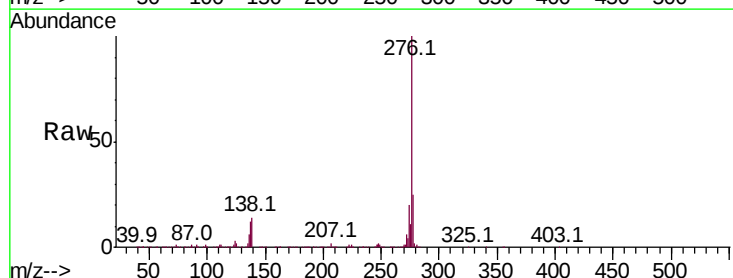
Tgt Ion:276 Resp: 1271677

Ion Ratio Lower Upper

276 100

277 24.6 19.3 28.9

138 14.2 11.4 17.2



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

