

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111119\
 Data File : BG043588.D
 Acq On : 11 Nov 2019 18:02
 Operator : JU
 Sample : PB124674BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB124674BS

Quant Time: Nov 12 00:47:44 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 04 15:22:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	22104	20.00	ng	0.00
21) Naphthalene-d8	10.80	136	104344	20.00	ng	-0.01
39) Acenaphthene-d10	14.63	164	82749	20.00	ng	-0.01
64) Phenanthrene-d10	17.38	188	212381	20.00	ng	-0.01
76) Chrysene-d12	21.65	240	227294	20.00	ng	-0.01
87) Perylene-d12	24.83	264	210949	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	171235	141.96	ng	0.00
7) Phenol-d6	7.20	99	240433	138.54	ng	0.00
23) Nitrobenzene-d5	9.17	82	124646	61.59	ng	-0.01
42) 2,4,6-Tribromophenol	16.13	330	182578	115.94	ng	0.00
45) 2-Fluorobiphenyl	13.25	172	364978	60.95	ng	-0.01
79) Terphenyl-d14	19.99	244	886781	73.19	ng	-0.01

Target Compounds					Qvalue
2) 1,4-Dioxane	3.45	88	13868	29.502 ng	94
3) Pyridine	3.86	79	38183	32.201 ng	94
4) n-Nitrosodimethylamine	3.77	42	26243	43.859 ng	84
6) Aniline	7.33	93	73926	36.977 ng	96
8) 2-Chlorophenol	7.58	128	71061	53.366 ng	99
9) Benzaldehyde	7.14	77	35406	41.512 ng	96
10) Phenol	7.23	94	86385	54.470 ng	98
11) bis(2-Chloroethyl)ether	7.42	93	53764	43.848 ng	96
12) 1,3-Dichlorobenzene	7.89	146	67618	40.530 ng	97
13) 1,4-Dichlorobenzene	8.04	146	70258	41.623 ng	98
14) 1,2-Dichlorobenzene	8.35	146	67936	41.221 ng	99
15) Benzyl Alcohol	8.25	79	63314	51.945 ng	97
16) 2,2'-oxybis(1-Chloropropan	8.53	45	75627	42.418 ng	95
17) 2-Methylphenol	8.47	107	62484	54.046 ng	93
18) Hexachloroethane	9.08	117	24596	40.388 ng	95
19) n-Nitroso-di-n-propylamine	8.80	70	53325	47.550 ng	# 88
20) 3+4-Methylphenols	8.80	107	84328	53.192 ng	# 90
22) Acetophenone	8.82	105	102003	38.173 ng	# 91
24) Nitrobenzene	9.21	77	78930	40.938 ng	# 92
25) Isophorone	9.72	82	153757	41.552 ng	97
26) 2-Nitrophenol	9.92	139	41893	45.006 ng	97
27) 2,4-Dimethylphenol	9.99	122	71848	53.854 ng	91
28) bis(2-Chloroethoxy)methane	10.21	93	82729	40.508 ng	97
29) 2,4-Dichlorophenol	10.48	162	79008	46.220 ng	94
30) 1,2,4-Trichlorobenzene	10.67	180	82085	38.100 ng	98
31) Naphthalene	10.86	128	220525	41.636 ng	97
32) Benzoic acid	10.18	122	37256	38.727 ng	# 83
33) 4-Chloroaniline	10.98	127	60060	27.664 ng	98
34) Hexachlorobutadiene	11.14	225	55106	34.601 ng	98
35) Caprolactam	11.74	113	10675	18.133 ng	96
36) 4-Chloro-3-methylphenol	12.12	107	87836	47.108 ng	97
37) 2-Methylnaphthalene	12.46	142	173739	42.752 ng	99
38) 1-Methylnaphthalene	12.68	142	169555	43.850 ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.83	216	113649	37.111 ng	99

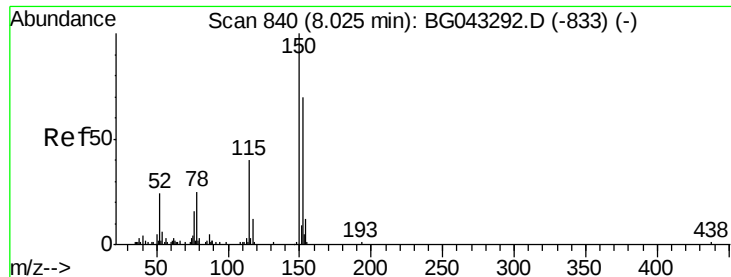
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111119\
 Data File : BG043588.D
 Acq On : 11 Nov 2019 18:02
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 04 15:22:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.81	237	114258	71.025	ng	97
43) 2,4,6-Trichlorophenol	13.08	196	74705	41.423	ng	98
44) 2,4,5-Trichlorophenol	13.17	196	82546	45.273	ng	92
46) 1,1'-Biphenyl	13.47	154	245817	39.049	ng	98
47) 2-Chloronaphthalene	13.51	162	185631	38.756	ng	98
48) 2-Nitroaniline	13.72	65	61138	42.707	ng	96
49) Acenaphthylene	14.35	152	319299	42.833	ng	100
50) Dimethylphthalate	14.09	163	271467	42.354	ng	97
51) 2,6-Dinitrotoluene	14.21	165	61757	44.351	ng	96
52) Acenaphthene	14.69	154	186763	41.083	ng	94
53) 3-Nitroaniline	14.55	138	42873	31.891	ng	98
54) 2,4-Dinitrophenol	14.75	184	68883	79.291	ng	98
55) Dibenzofuran	15.03	168	316535	42.937	ng	100
56) 4-Nitrophenol	14.89	139	90210	100.132	ng	94
57) 2,4-Dinitrotoluene	15.00	165	91796	46.129	ng	98
58) Fluorene	15.68	166	267802	43.312	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.27	232	87906	45.379	ng	94
60) Diethylphthalate	15.45	149	279812	43.448	ng	98
61) 4-Chlorophenyl-phenylether	15.67	204	151583	42.024	ng	98
62) 4-Nitroaniline	15.72	138	61358	44.193	ng	96
63) Azobenzene	15.96	77	229309	43.995	ng	96
65) 4,6-Dinitro-2-methylphenol	15.76	198	57101	45.686	ng	94
66) n-Nitrosodiphenylamine	15.89	169	245885	41.008	ng	99
67) 4-Bromophenyl-phenylether	16.56	248	110737	38.744	ng	96
68) Hexachlorobenzene	16.69	284	124962	38.089	ng	99
69) Atrazine	16.83	200	112975	54.224	ng	97
70) Pentachlorophenol	17.04	266	127980	85.608	ng	97
71) Phenanthrene	17.42	178	456159	41.944	ng	98
72) Anthracene	17.51	178	475212	43.673	ng	99
73) Carbazole	17.78	167	434977	44.144	ng	97
74) Di-n-butylphthalate	18.33	149	524582	43.876	ng	99
75) Fluoranthene	19.43	202	646138	45.572	ng	99
77) Benzidine	19.61	184	273603	59.812	ng	98
78) Pyrene	19.79	202	651772	46.326	ng	100
80) Butylbenzylphthalate	20.68	149	233164	43.743	ng	97
81) Benzo(a)anthracene	21.63	228	593301	41.672	ng	99
82) 3,3'-Dichlorobenzidine	21.54	252	145467	26.416	ng	99
83) Chrysene	21.69	228	565474	39.974	ng	98
84) Bis(2-ethylhexyl)phthalate	21.52	149	272252	35.956	ng	99
85) Di-n-octyl phthalate	22.72	149	439904	34.245	ng	99
86) Indeno(1,2,3-cd)pyrene	28.45	276	616384	34.712	ng	99
88) Benzo(b)fluoranthene	23.82	252	494835	41.418	ng	98
89) Benzo(k)fluoranthene	23.89	252	520729	43.294	ng	98
90) Benzo(a)pyrene	24.68	252	470600	41.248	ng	99
91) Dibenzo(a,h)anthracene	28.51	278	519398	44.508	ng	99
92) Benzo(g,h,i)perylene	29.59	276	518399	45.035	ng	99

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

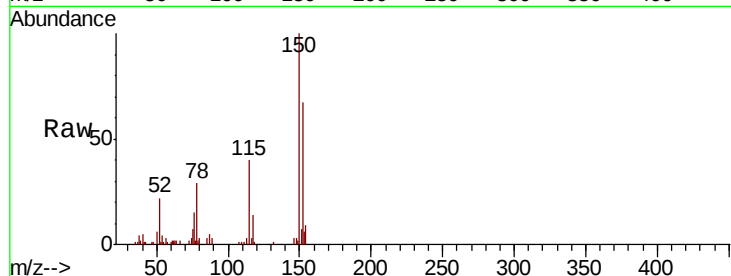


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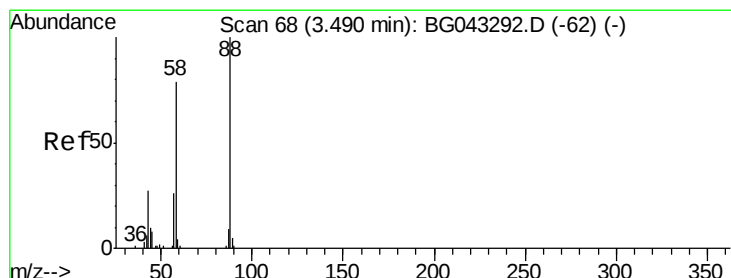
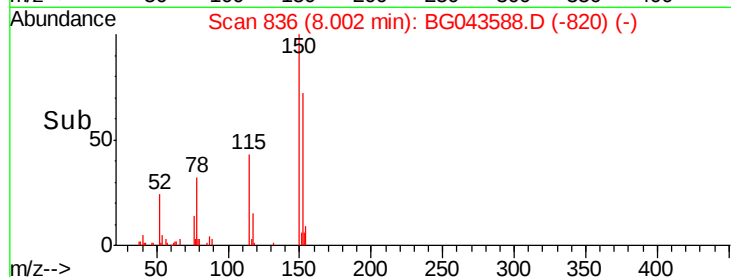
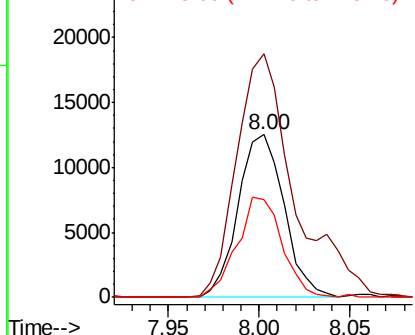
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 836
Delta R.T. -0.01 min
Lab File: BG043588.D
Acq: 11 Nov 2019 18:02

Instrument :
BNA_G
ClientSampleId :
PB124674BS

Tot Ion:152 Resp: 22104
Ion Ratio Lower Upper
152 100
150 149.7 129.4 194.0
115 60.0 48.8 73.2



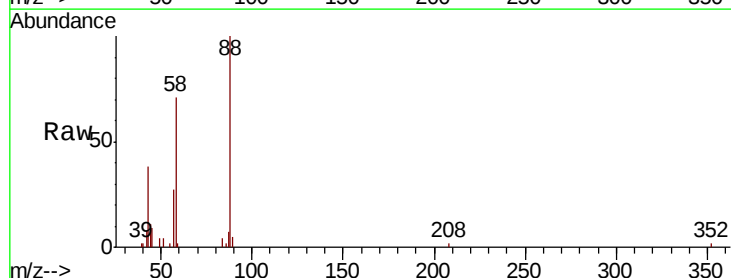
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



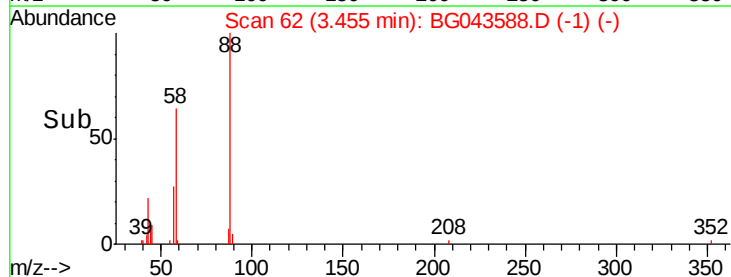
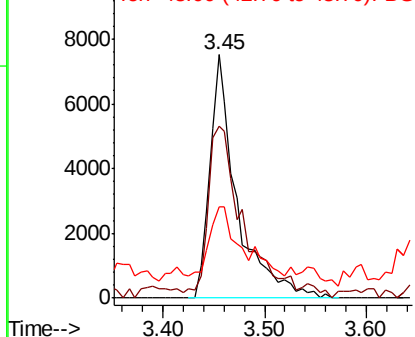
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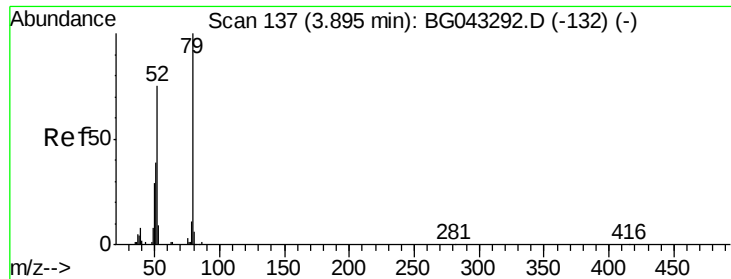
1,4-Dioxane
Concen: 29.502 ng
RT: 3.45 min Scan# 62
Delta R.T. -0.02 min
Lab File: BG043588.D
Acq: 11 Nov 2019 18:02

Tgt Ion: 88 Resp: 13868
Ion Ratio Lower Upper
88 100
58 83.6 62.7 94.1
43 25.8 23.7 35.5



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: 32.201 ng

RT: 3.86 min Scan# 131

Delta R.T. -0.02 min

Lab File: BG043588.D

Acq: 11 Nov 2019 18:02

Instrument :

BNA_G

ClientSampleId :

PB124674BS

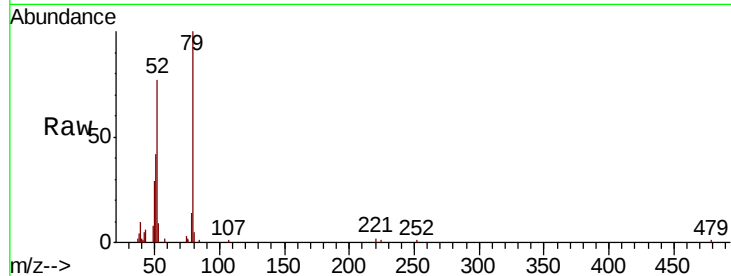
Tot Ion: 79 Resp: 38183

Ion Ratio Lower Upper

79 100

52 77.5 56.5 84.7

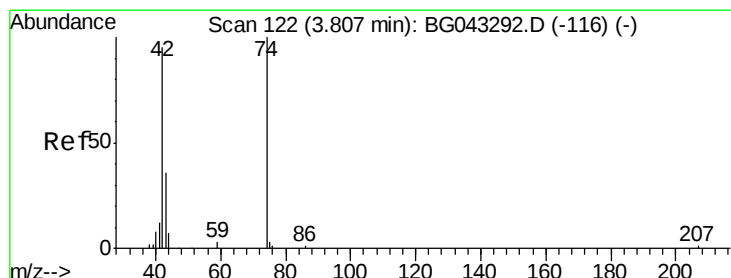
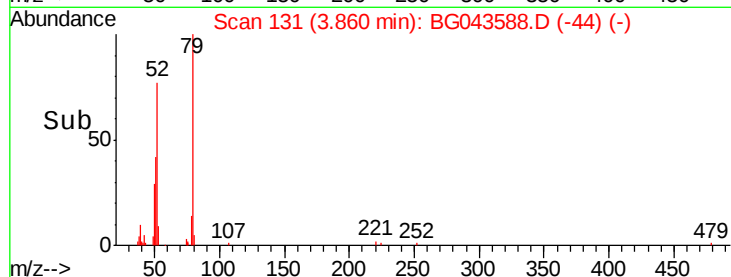
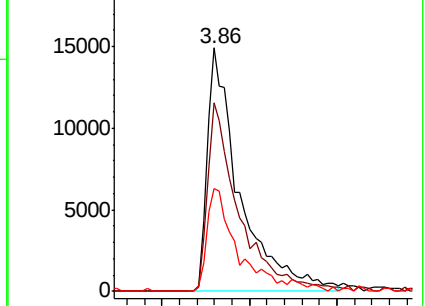
51 42.0 33.2 49.8



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: 43.859 ng

RT: 3.77 min Scan# 116

Delta R.T. -0.02 min

Lab File: BG043588.D

Acq: 11 Nov 2019 18:02

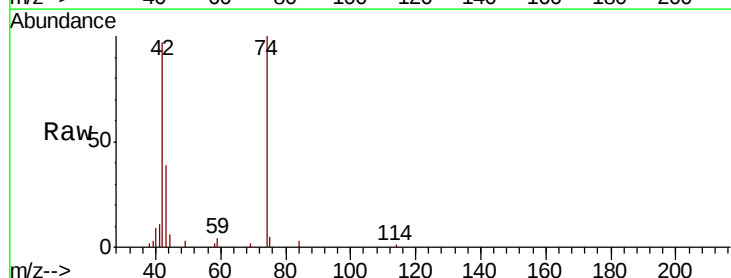
Tgt Ion: 42 Resp: 26243

Ion Ratio Lower Upper

42 100

74 103.4 97.3 145.9

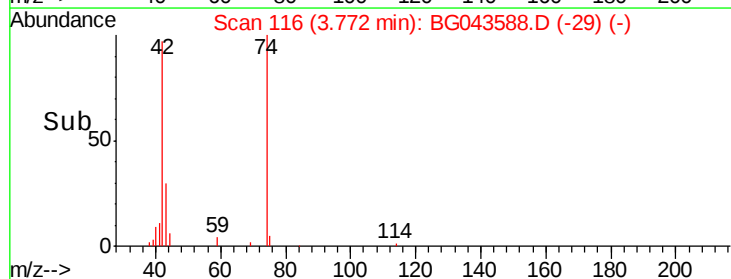
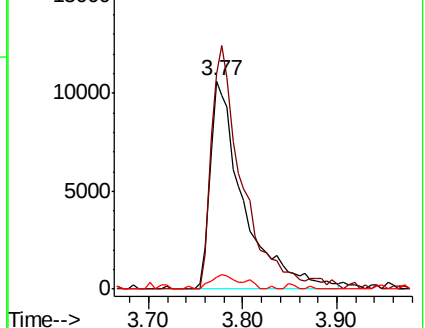
44 6.0 4.4 6.6

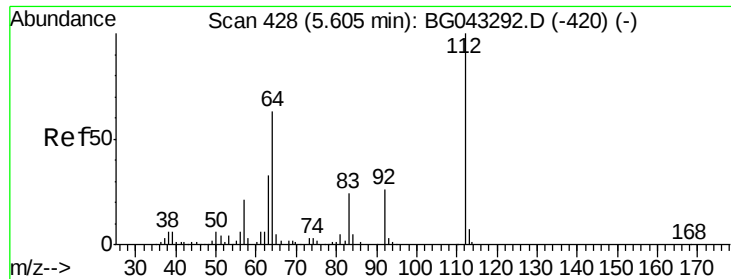


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 141.956 ng

RT: 5.60 min Scan# 427

Delta R.T. 0.01 min

Lab File: BG043588.D

Acq: 11 Nov 2019 18:02

Instrument :

BNA_G

ClientSampleId :

PB124674BS

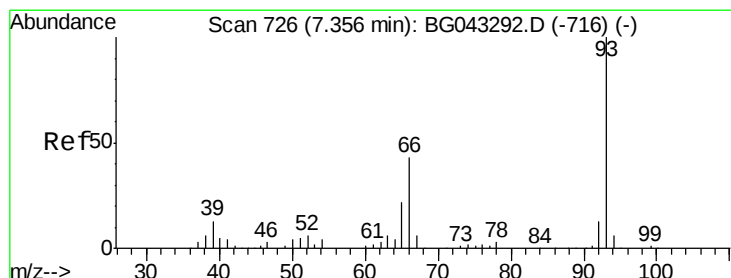
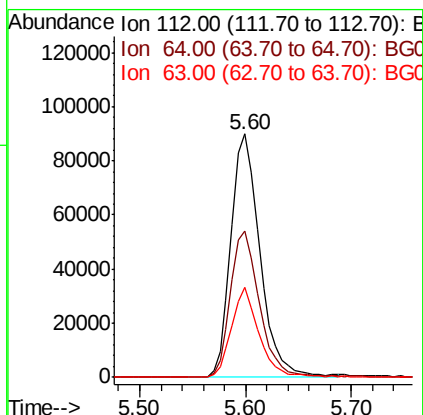
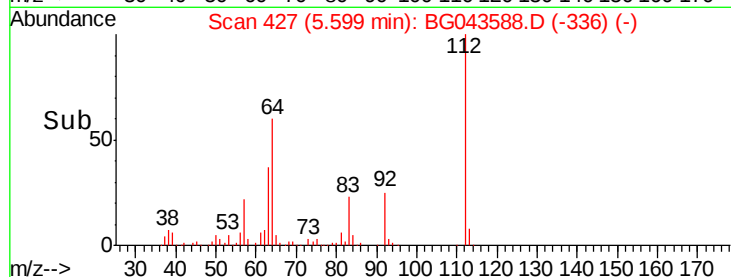
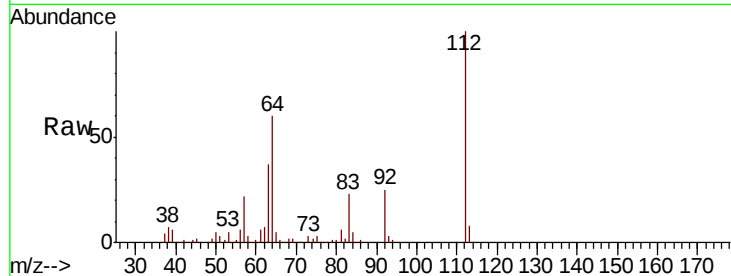
Tot Ion:112 Resp: 171235

Ion Ratio Lower Upper

112 100

64 60.0 50.0 75.0

63 36.9 26.6 40.0



#6

Aniline

Concen: 36.977 ng

RT: 7.33 min Scan# 722

Delta R.T. -0.01 min

Lab File: BG043588.D

Acq: 11 Nov 2019 18:02

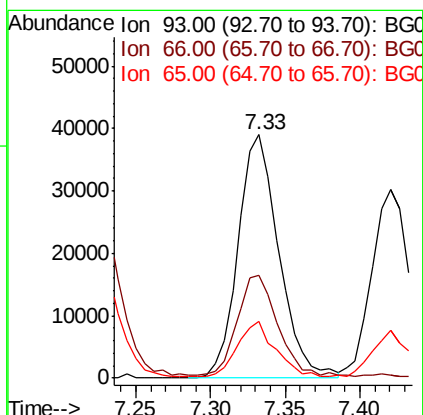
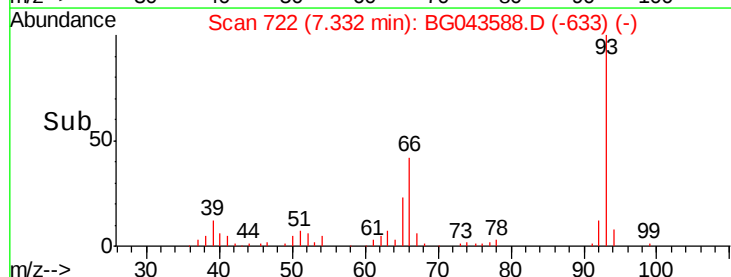
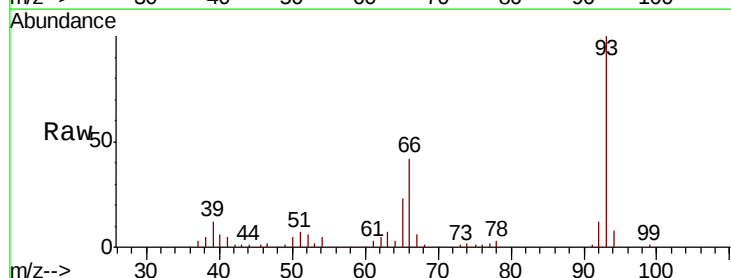
Tgt Ion: 93 Resp: 73926

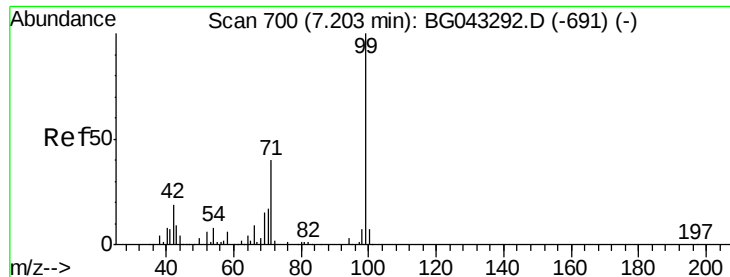
Ion Ratio Lower Upper

93 100

66 42.4 32.3 48.5

65 23.1 16.1 24.1





#7

Phenol-d6

Concen: 138.537 ng

RT: 7.20 min Scan# 700

Delta R.T. 0.01 min

Lab File: BG043588.D

Acq: 11 Nov 2019 18:02

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ClientSampleId :

PB124674BS

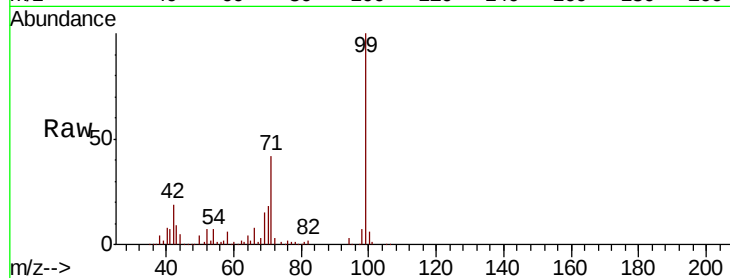
Tot Ion: 99 Resp: 240433

Ion Ratio Lower Upper

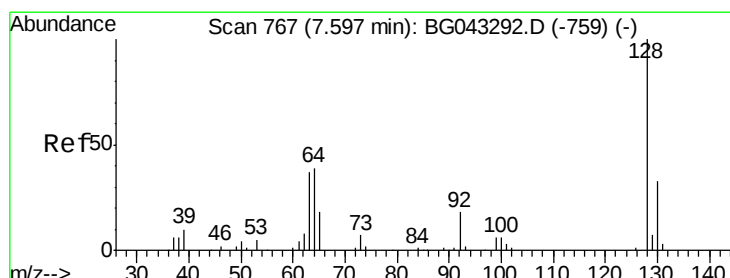
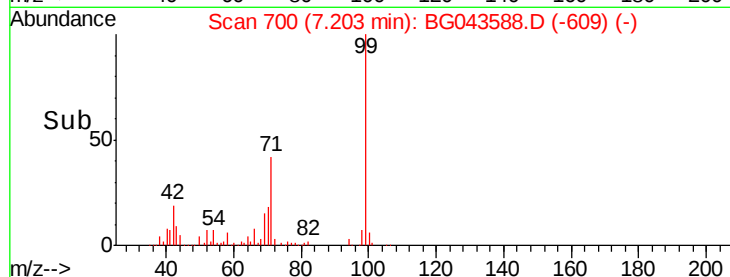
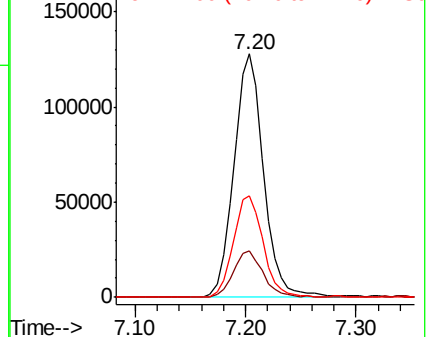
99 100

42 19.3 14.6 21.8

71 41.8 32.5 48.7



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 53.366 ng

RT: 7.58 min Scan# 764

Delta R.T. -0.01 min

Lab File: BG043588.D

Acq: 11 Nov 2019 18:02

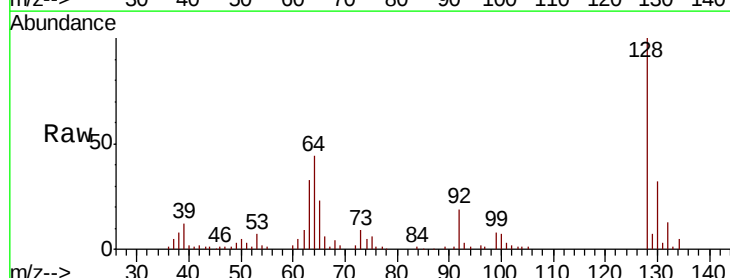
Tgt Ion: 128 Resp: 71061

Ion Ratio Lower Upper

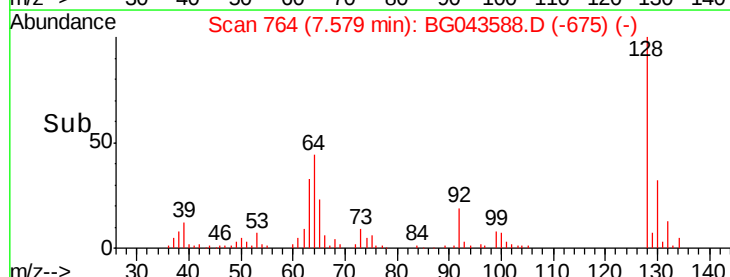
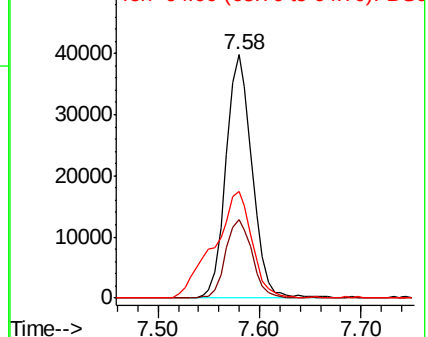
128 100

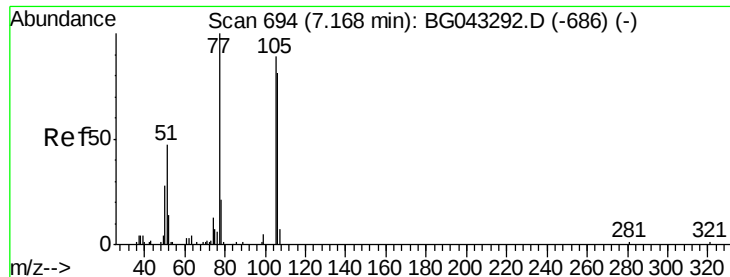
130 32.4 12.5 52.5

64 44.0 25.3 65.3



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





#9

Benzaldehyde

Concen: 41.512 ng

RT: 7.14 min Scan# 689

Delta R.T. -0.01 min

Lab File: BG043588.D

Acq: 11 Nov 2019 18:02

Instrument :

BNA_G

ClientSampleId :

PB124674BS

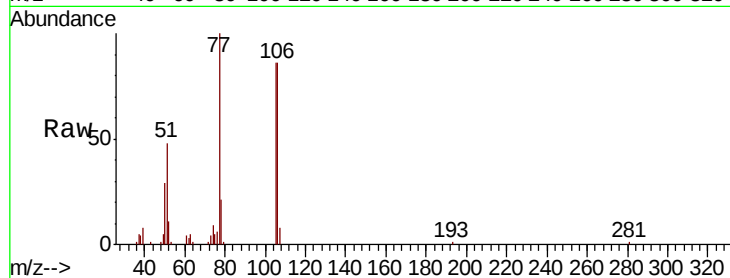
Tot Ion: 77 Resp: 35406

Ion Ratio Lower Upper

77 100

105 85.8 68.6 108.6

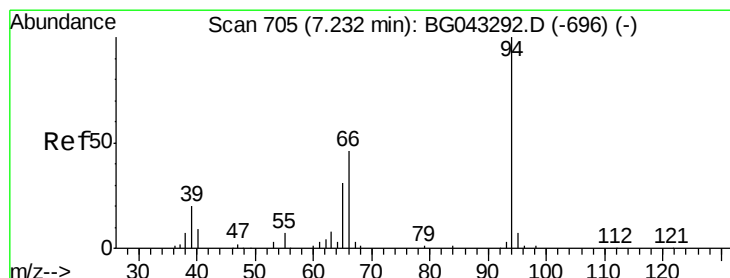
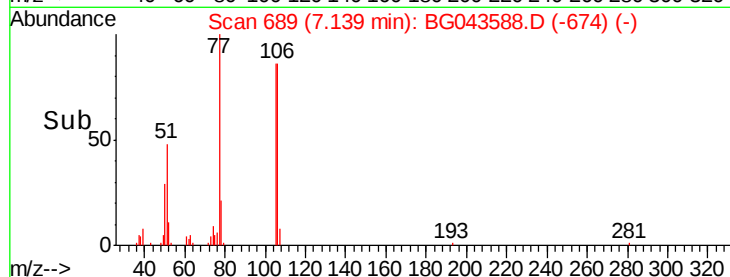
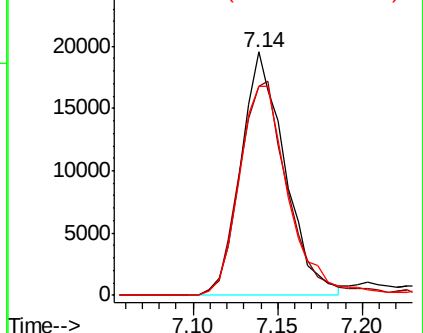
106 85.9 69.9 109.9



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: 54.470 ng

RT: 7.23 min Scan# 704

Delta R.T. 0.01 min

Lab File: BG043588.D

Acq: 11 Nov 2019 18:02

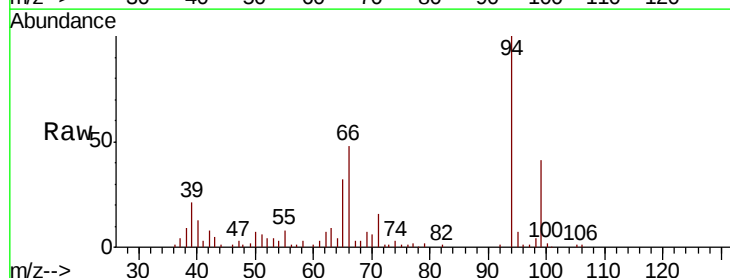
Tgt Ion: 94 Resp: 86385

Ion Ratio Lower Upper

94 100

65 32.4 12.6 52.6

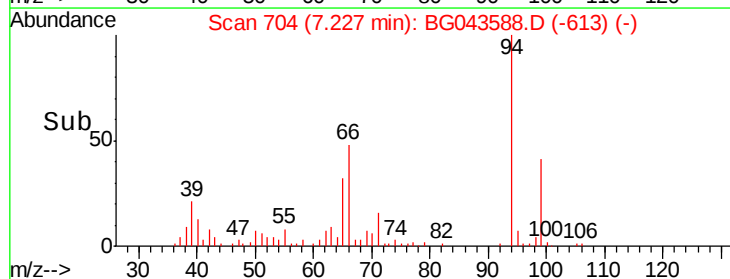
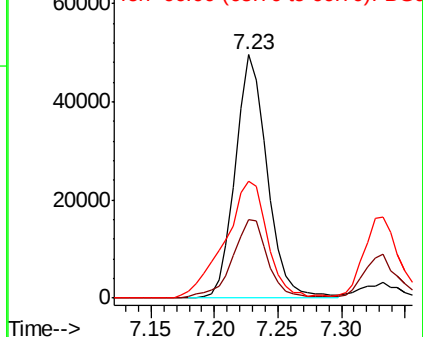
66 48.1 30.7 70.7

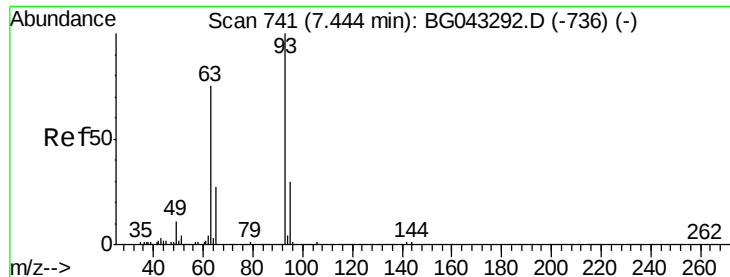


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

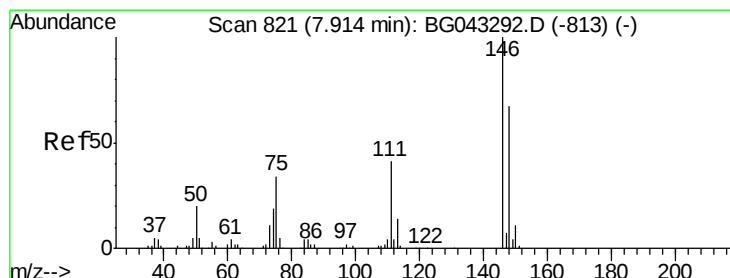
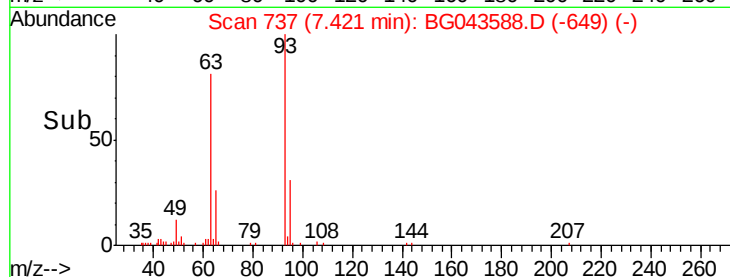
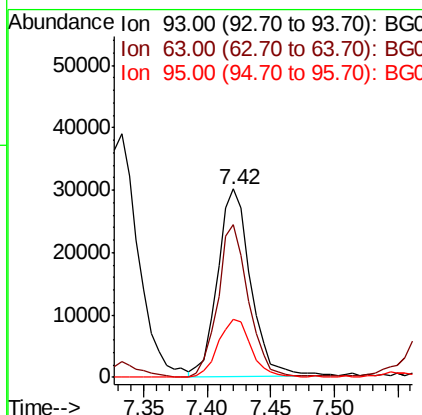
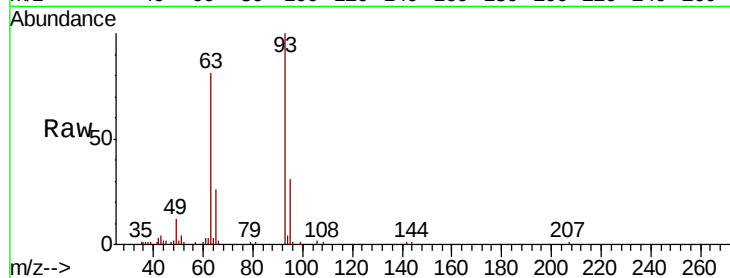




#11
bis(2-Chloroethyl)ether
Concen: 43.848 ng
RT: 7.42 min Scan# 737
Delta R.T. -0.01 min
Lab File: BG043588.D
Acq: 11 Nov 2019 18:02

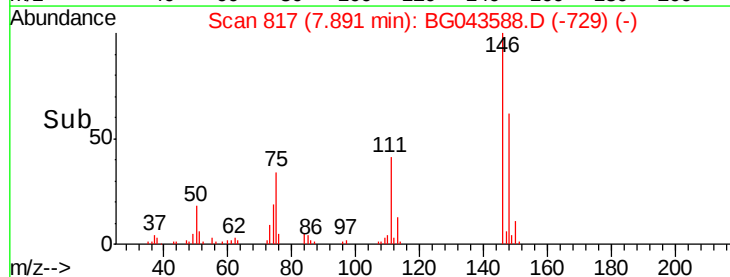
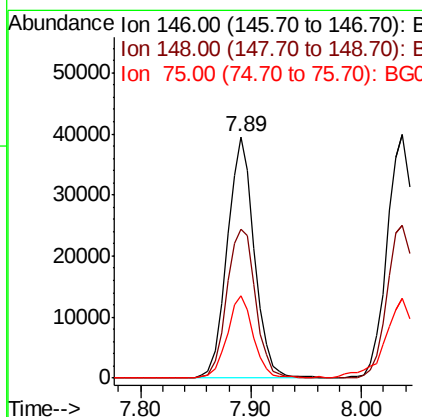
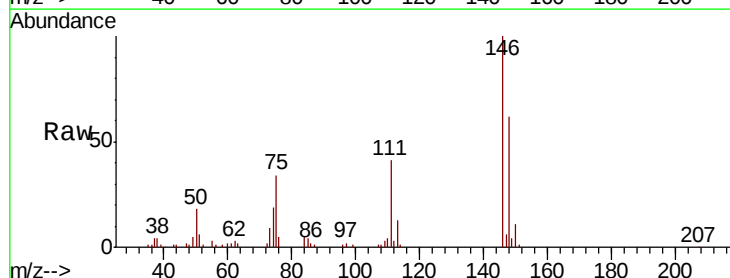
Instrument :
BNA_G
ClientSampleId :
PB124674BS

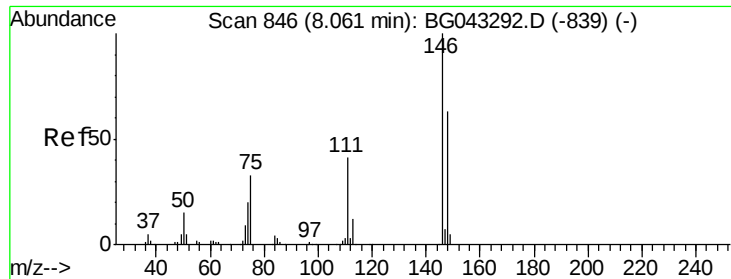
Tot Ion	Ratio	Lower	Upper
93	100		
63	80.9	56.3	96.3
95	31.1	12.2	52.2



#12
1,3-Dichlorobenzene
Concen: 40.530 ng
RT: 7.89 min Scan# 817
Delta R.T. -0.01 min
Lab File: BG043588.D
Acq: 11 Nov 2019 18:02

Tgt Ion	Ratio	Lower	Upper
146	100		
148	61.5	50.3	75.5
75	33.9	24.6	37.0

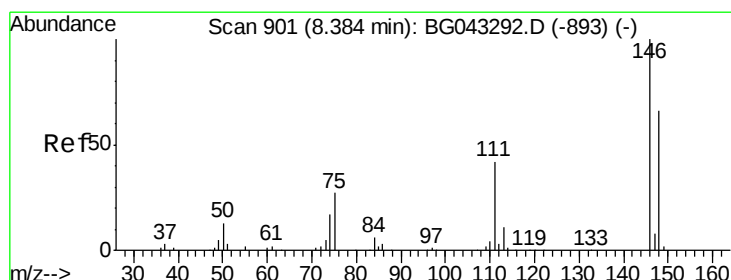
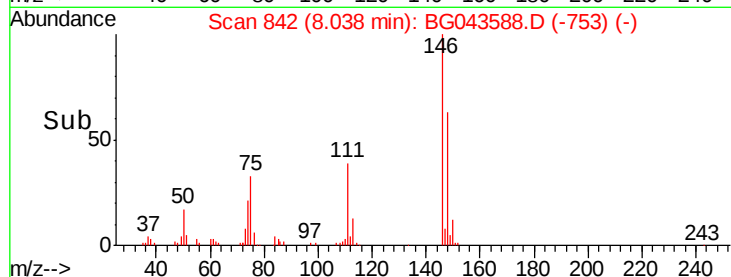
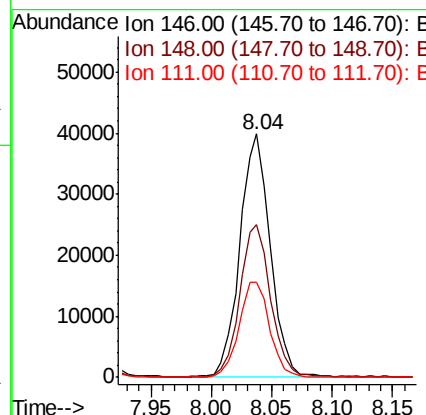
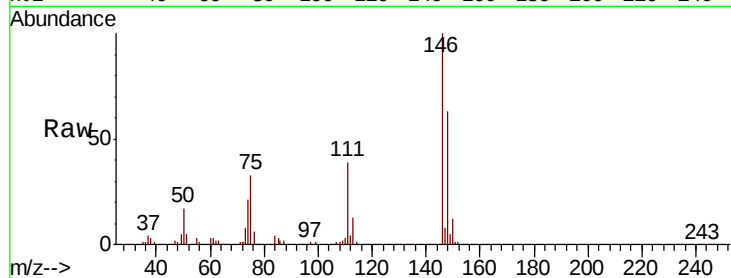




#13
 1,4-Dichlorobenzene
 Concen: 41.623 ng
 RT: 8.04 min Scan# 842
 Delta R.T. -0.01 min
 Lab File: BG043588.D
 Acq: 11 Nov 2019 18:02

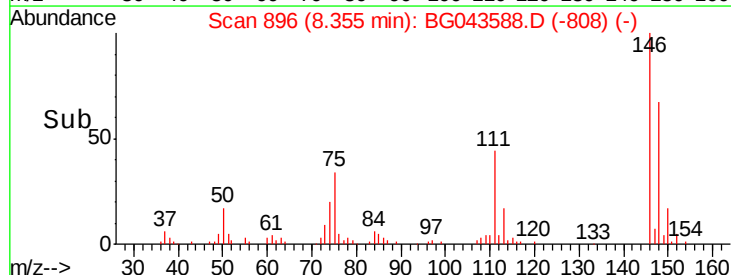
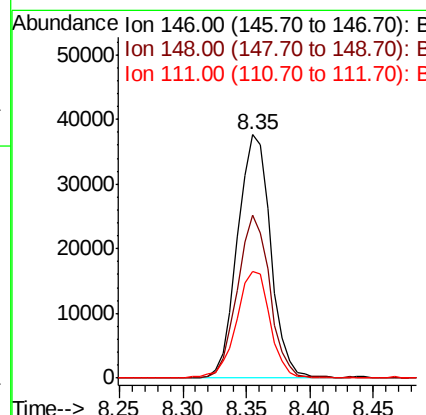
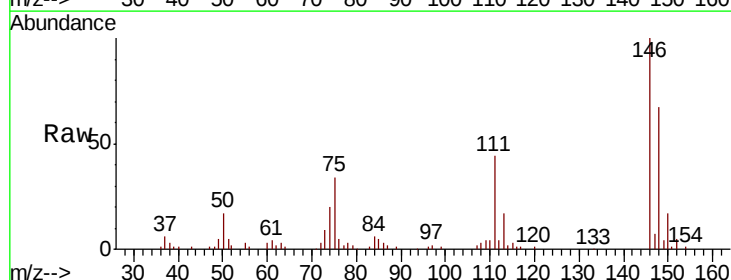
Instrument :
 BNA_G
 ClientSampleId :
 PB124674BS

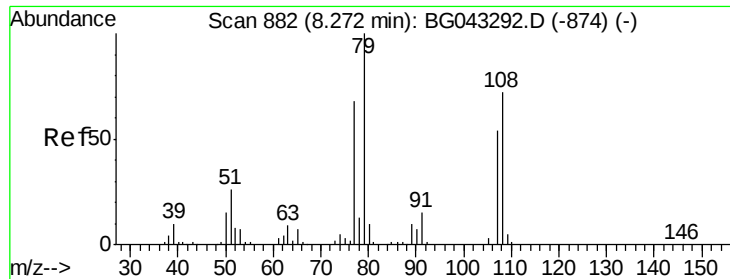
Tot Ion:146 Resp: 70258
 Ion Ratio Lower Upper
 146 100
 148 62.8 50.7 76.1
 111 39.0 33.4 50.2



#14
 1,2-Dichlorobenzene
 Concen: 41.221 ng
 RT: 8.35 min Scan# 896
 Delta R.T. -0.01 min
 Lab File: BG043588.D
 Acq: 11 Nov 2019 18:02

Tgt Ion:146 Resp: 67936
 Ion Ratio Lower Upper
 146 100
 148 67.0 53.2 79.8
 111 44.1 35.8 53.6





#15

Benzyl Alcohol

Concen: 51.945 ng

RT: 8.25 min Scan# 879

Delta R.T. 0.00 min

Lab File: BG043588.D

Acq: 11 Nov 2019 18:02

Instrument :

BNA_G

ClientSampleId :

PB124674BS

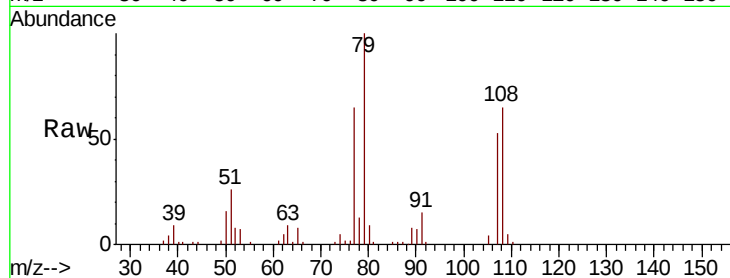
Tot Ion: 79 Resp: 63314

Ion Ratio Lower Upper

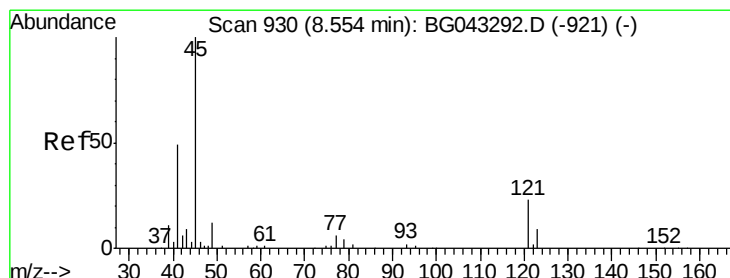
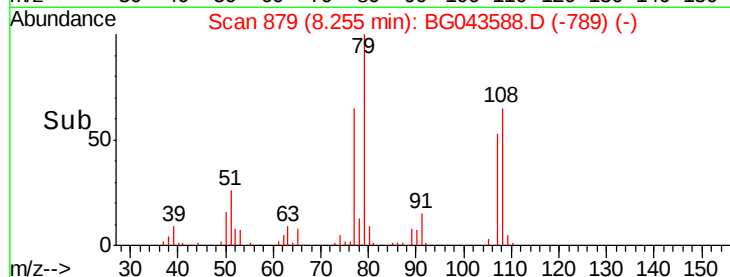
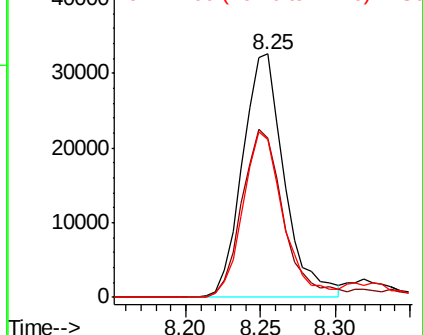
79 100

108 65.3 53.6 80.4

77 64.6 49.6 74.4



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: 42.418 ng

RT: 8.53 min Scan# 925

Delta R.T. -0.02 min

Lab File: BG043588.D

Acq: 11 Nov 2019 18:02

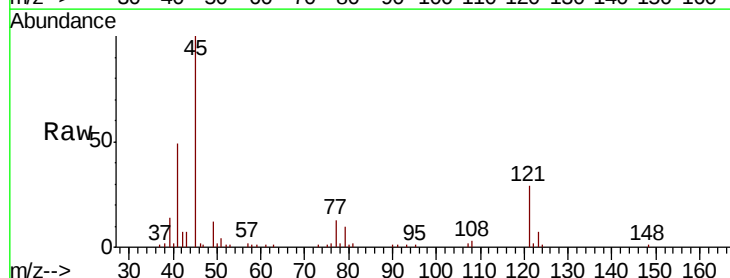
Tgt Ion: 45 Resp: 75627

Ion Ratio Lower Upper

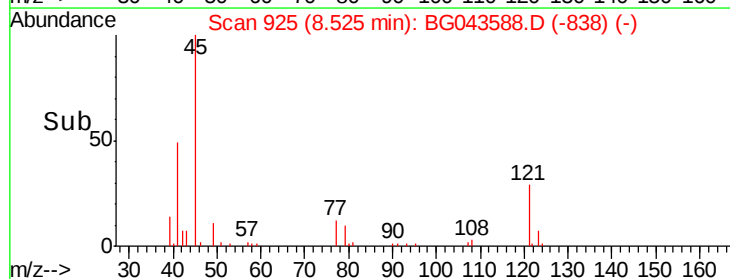
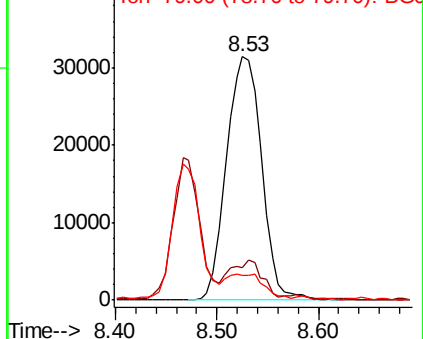
45 100

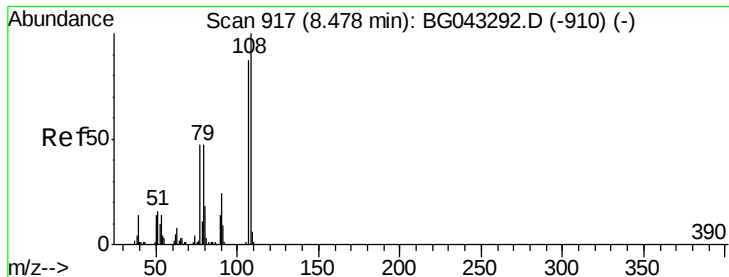
77 13.3 0.0 34.9

79 10.4 0.0 33.0



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





#17

2-Methylphenol

Concen: 54.046 ng

RT: 8.47 min Scan# 916

Delta R.T. 0.01 min

Lab File: BG043588.D

Acq: 11 Nov 2019 18:02

Instrument :

BNA_G

ClientSampleId :

PB124674BS

Tot Ion:107 Resp: 62484

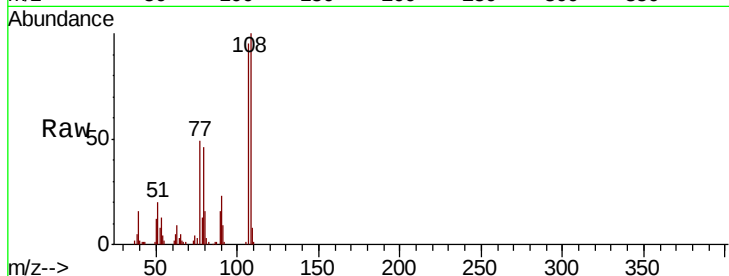
Ion Ratio Lower Upper

107 100

108 104.9 90.2 135.4

77 51.4 40.2 60.2

79 48.1 44.0 66.0



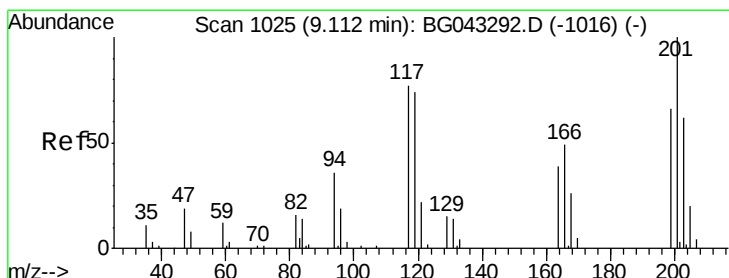
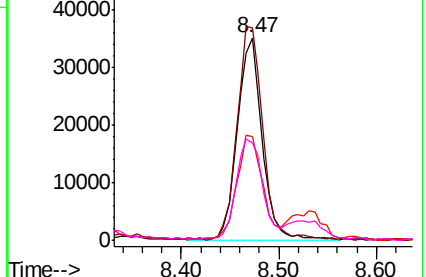
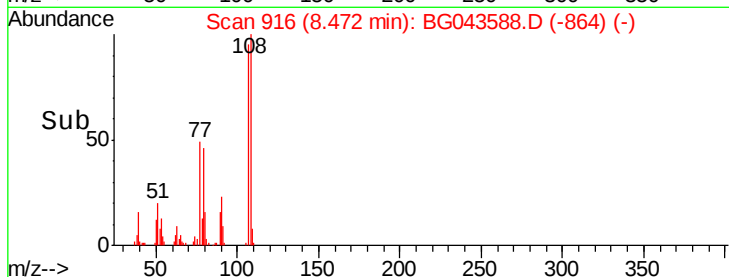
Abundance Ion 107.00 (106.70 to 107.70): E

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

Time-->



#18

Hexachloroethane

Concen: 40.388 ng

RT: 9.08 min Scan# 1020

Delta R.T. -0.01 min

Lab File: BG043588.D

Acq: 11 Nov 2019 18:02

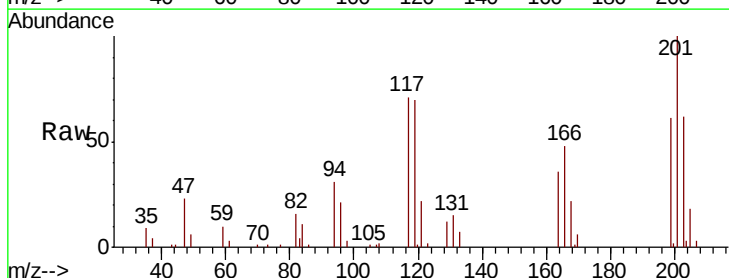
Tgt Ion:117 Resp: 24596

Ion Ratio Lower Upper

117 100

119 98.9 79.0 118.4

201 141.6 105.4 158.2

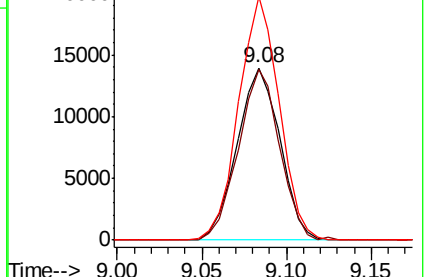
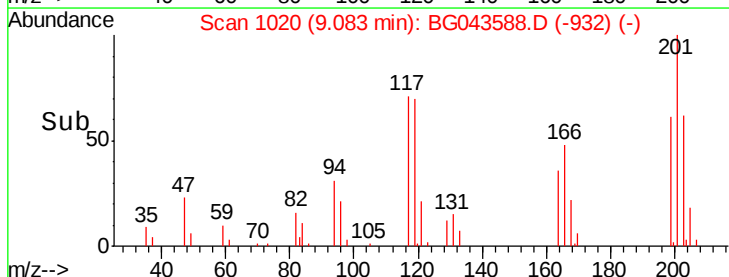


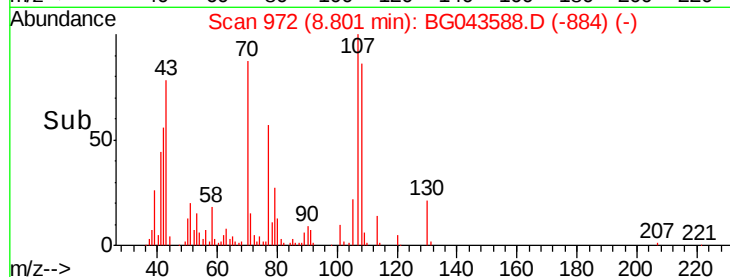
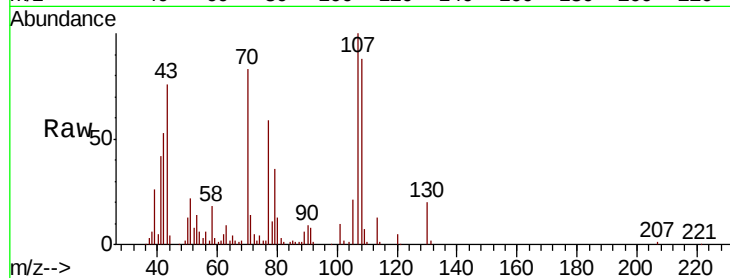
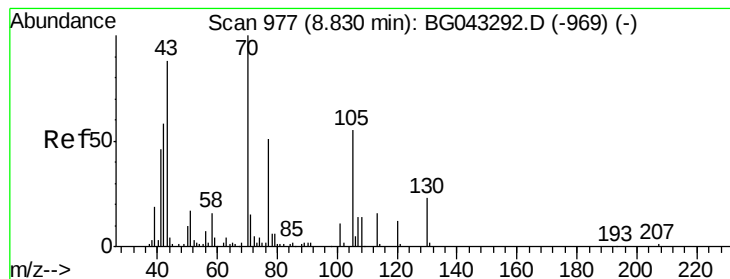
Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

Time-->





#19

n-Nitroso-di-n-propylamine

Concen: 47.550 ng

RT: 8.80 min Scan# 972

Delta R.T. -0.01 min

Lab File: BG043588.D

Acq: 11 Nov 2019 18:02

Instrument :

BNA_G

ClientSampleId :

PB124674BS

Tot Ion: 70 Resp: 53325

Ion Ratio Lower Upper

70 100

42 64.4 41.4 62.2#

101 11.6 7.9 11.9

130 23.9 19.0 28.4

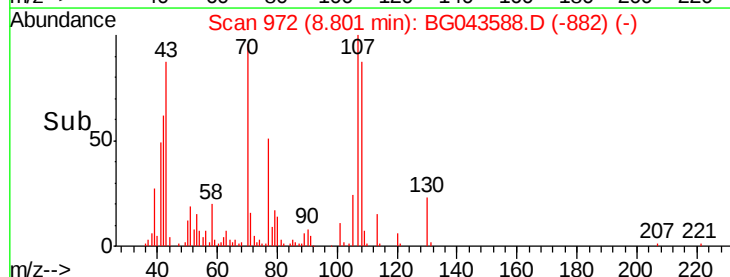
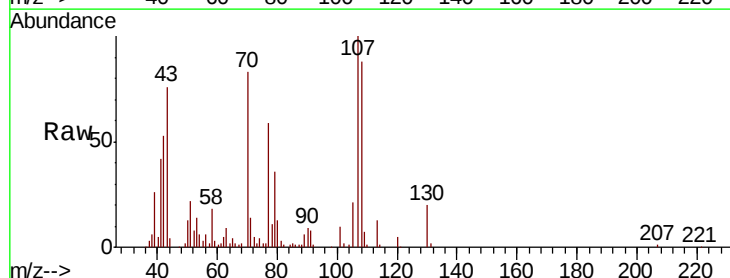
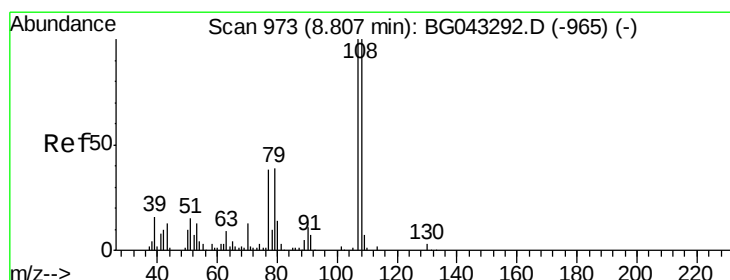
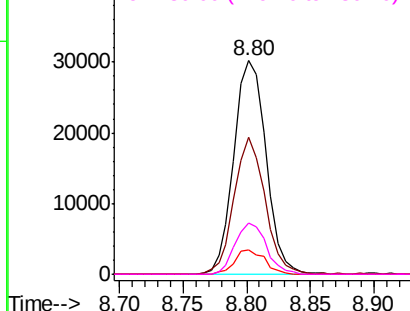
Abundance

Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20

3+4-Methylphenols

Concen: 53.192 ng

RT: 8.80 min Scan# 972

Delta R.T. 0.00 min

Lab File: BG043588.D

Acq: 11 Nov 2019 18:02

Tgt Ion:107 Resp: 84328

Ion Ratio Lower Upper

107 100

108 87.9 66.6 106.6

77 59.2 20.9 60.9

79 35.6 11.3 51.3

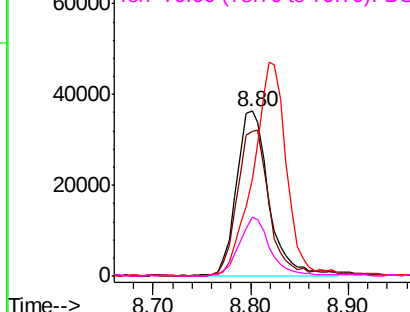
Abundance

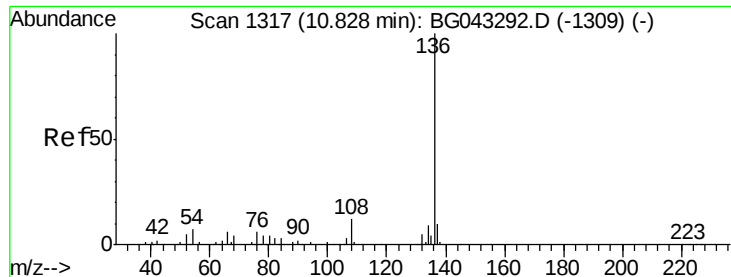
Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

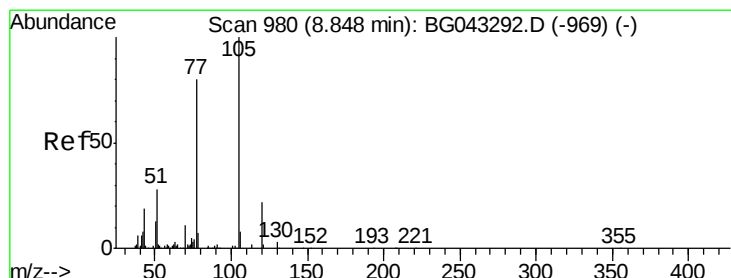
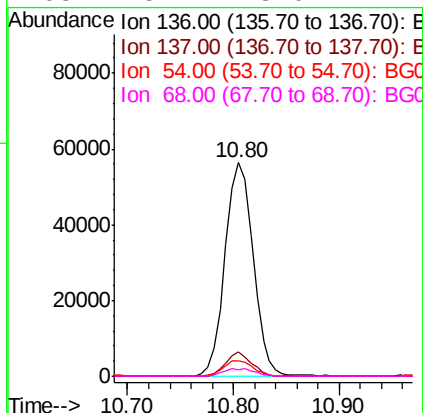
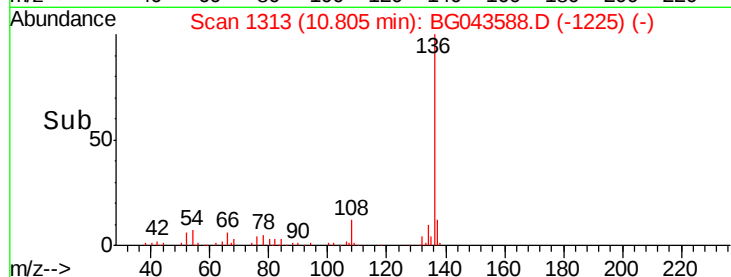
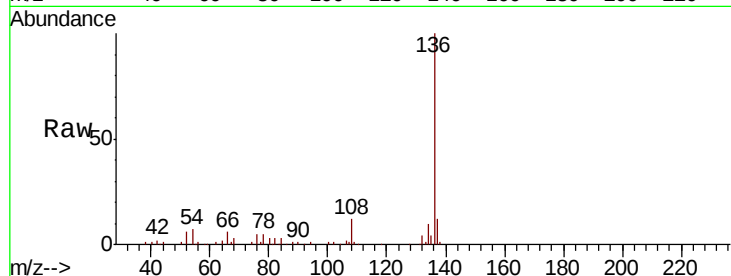




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.80 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BG043588.D
Acq: 11 Nov 2019 18:02

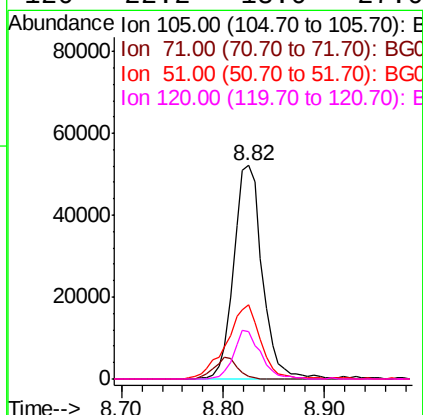
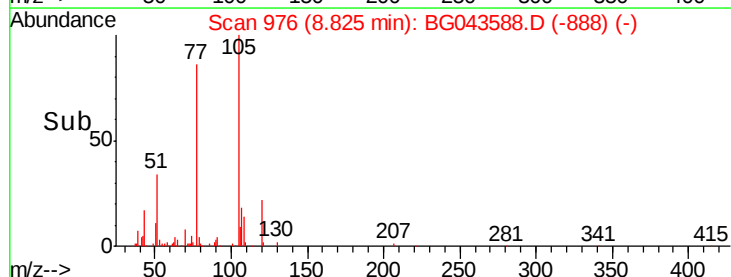
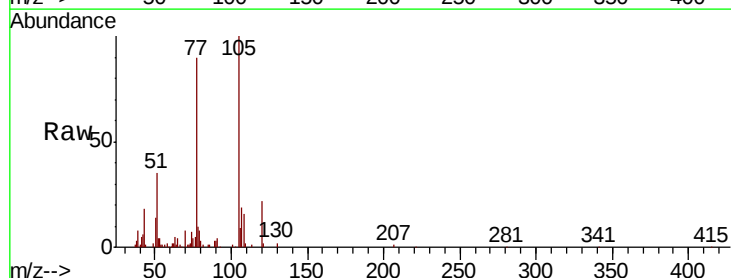
Instrument :
BNA_G
ClientSampleId :
PB124674BS

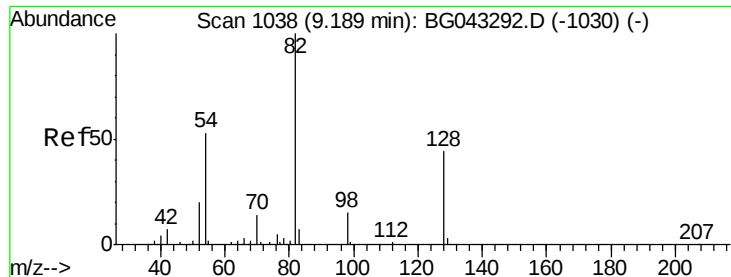
Tot Ion:136	Resp:	104344
Ion	Ratio	Lower Upper
136	100	
137	11.6	8.7 13.1
54	7.1	5.4 8.2
68	3.1	3.0 4.4



#22
Acetophenone
Concen: 38.173 ng
RT: 8.82 min Scan# 976
Delta R.T. -0.01 min
Lab File: BG043588.D
Acq: 11 Nov 2019 18:02

Tgt Ion:105	Resp:	102003
Ion	Ratio	Lower Upper
105	100	
71	1.1	0.8 1.2
51	35.0	21.0 31.4#
120	22.2	18.0 27.0

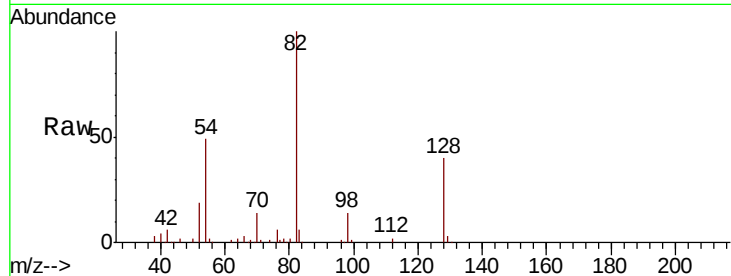




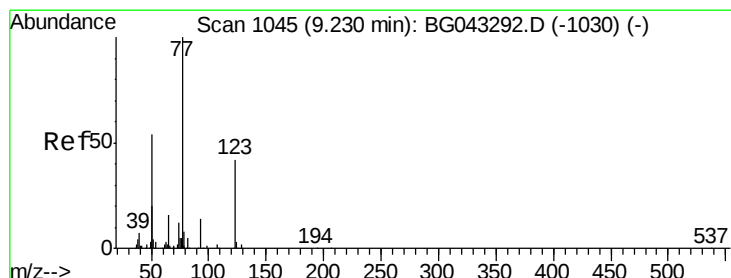
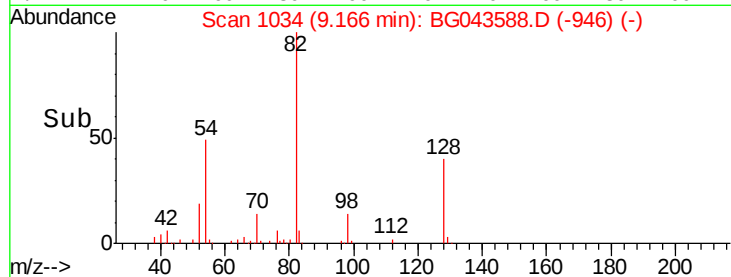
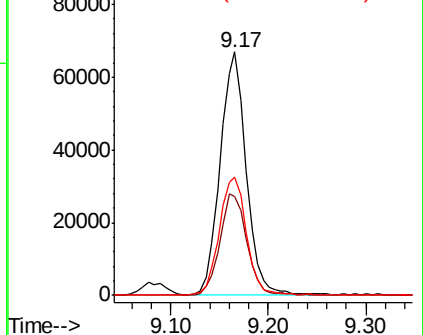
#23
Nitrobenzene-d5
Concen: 61.585 ng
RT: 9.17 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BG043588.D
Acq: 11 Nov 2019 18:02

Instrument :
BNA_G
ClientSampleId :
PB124674BS

Tot Ion	82	Resp	124646
Ion Ratio	100	Lower	Upper
128	40.5	35.0	52.6
54	48.7	40.2	60.2

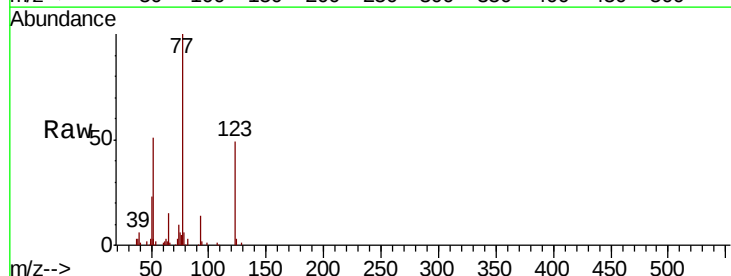


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

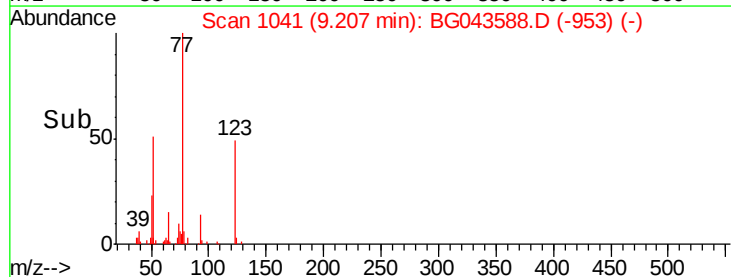
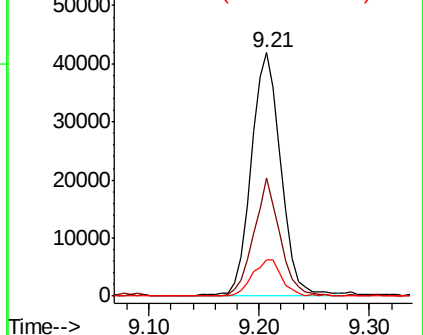


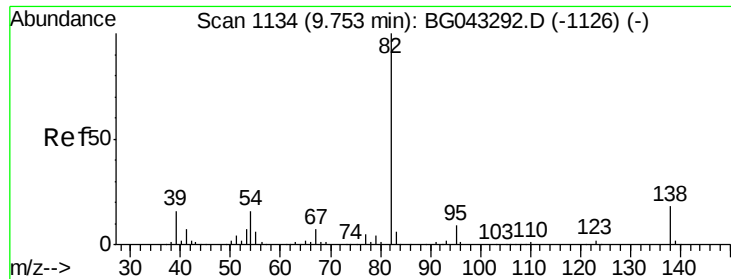
#24
Nitrobenzene
Concen: 40.938 ng
RT: 9.21 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BG043588.D
Acq: 11 Nov 2019 18:02

Tgt Ion	77	Resp	78930
Ion Ratio	100	Lower	Upper
123	48.8	35.0	52.6
65	15.0	9.5	14.3#



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





#25

Isophorone

Concen: 41.552 ng

RT: 9.72 min Scan# 1129

Delta R.T. -0.01 min

Lab File: BG043588.D

Acq: 11 Nov 2019 18:02

Instrument :

BNA_G

ClientSampleId :

PB124674BS

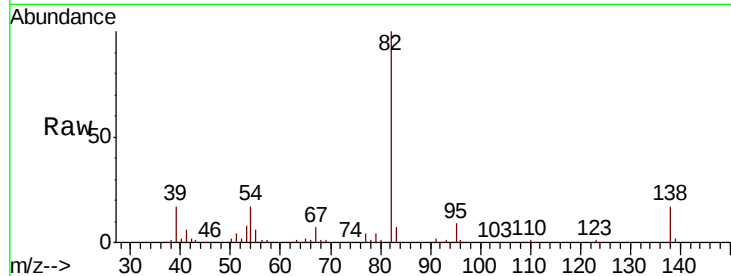
Tot Ion: 82 Resp: 153757

Ion Ratio Lower Upper

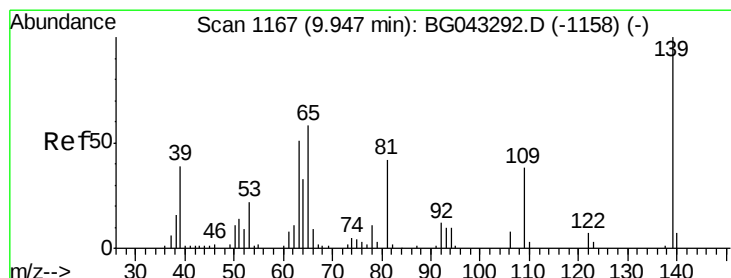
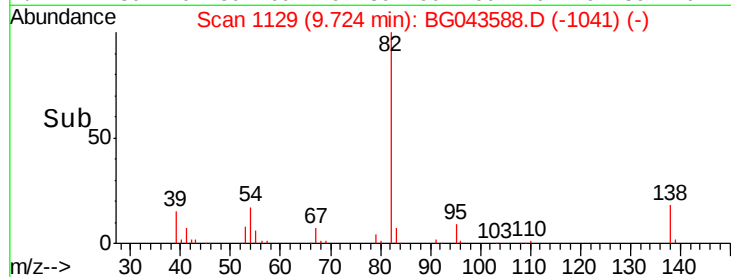
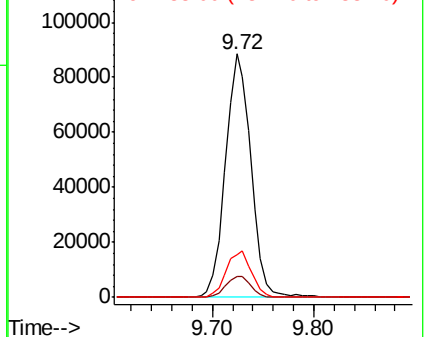
82 100

95 8.6 6.6 9.8

138 17.4 15.2 22.8



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



#26

2-Nitrophenol

Concen: 45.006 ng

RT: 9.92 min Scan# 1163

Delta R.T. -0.01 min

Lab File: BG043588.D

Acq: 11 Nov 2019 18:02

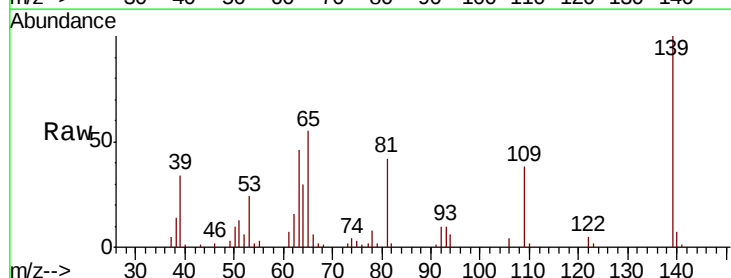
Tgt Ion: 139 Resp: 41893

Ion Ratio Lower Upper

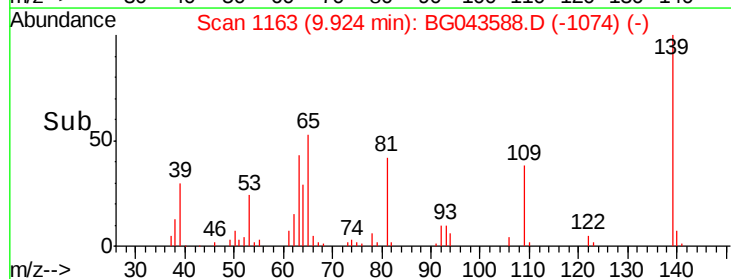
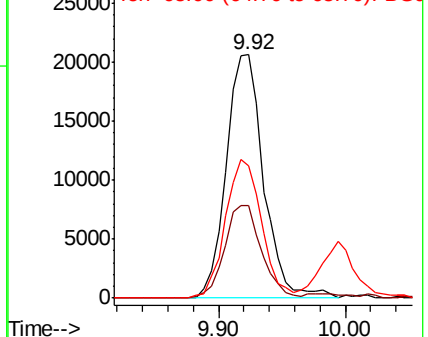
139 100

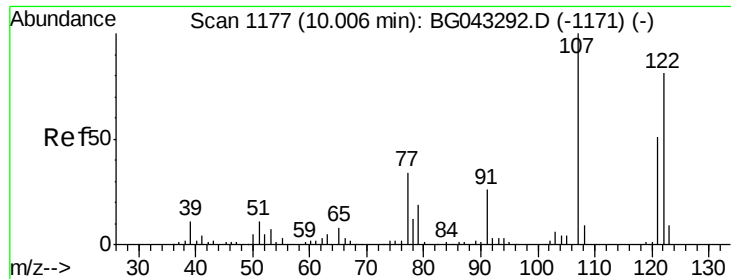
109 38.0 26.5 39.7

65 54.6 43.8 65.8



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

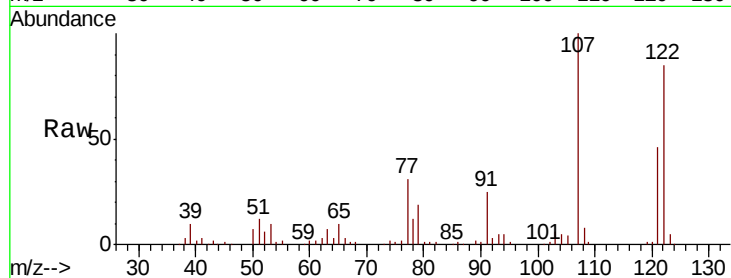




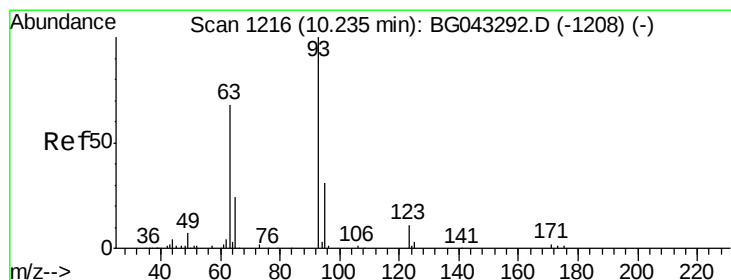
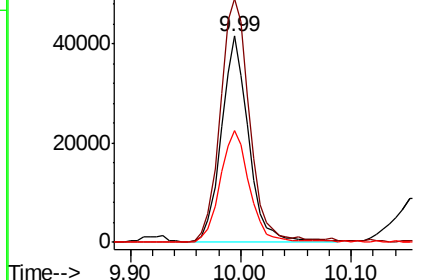
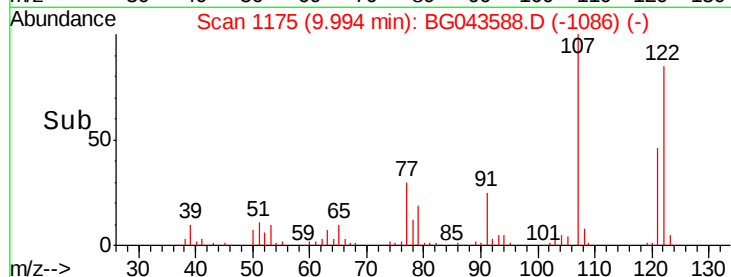
#27
 2,4-Dimethylphenol
 Concen: 53.854 ng
 RT: 9.99 min Scan# 1175
 Delta R.T. -0.01 min
 Lab File: BG043588.D
 Acq: 11 Nov 2019 18:02

Instrument :
 BNA_G
 ClientSampleId :
 PB124674BS

Tot Ion:122 Resp: 71848
 Ion Ratio Lower Upper
 122 100
 107 118.2 104.4 156.6
 121 54.2 47.2 70.8

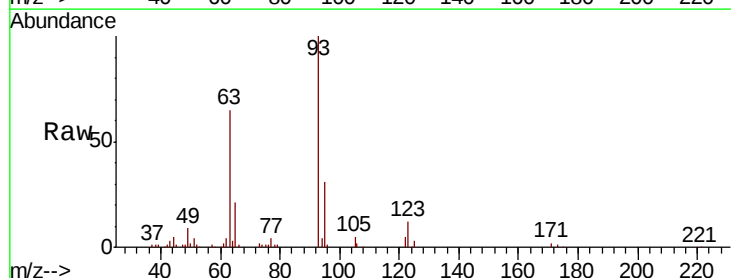


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

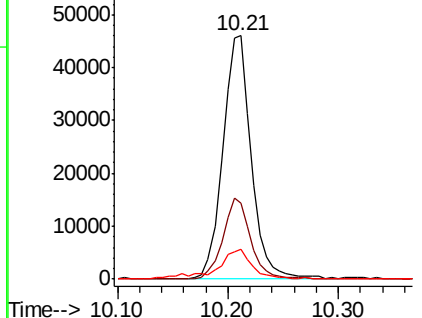
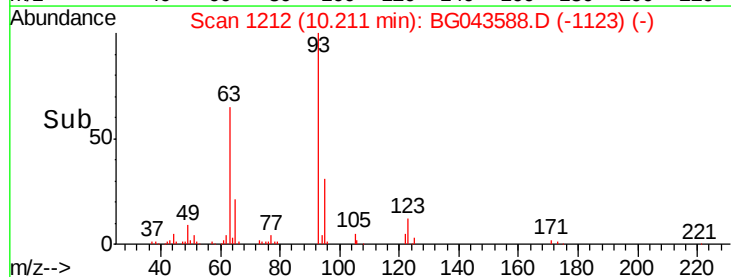


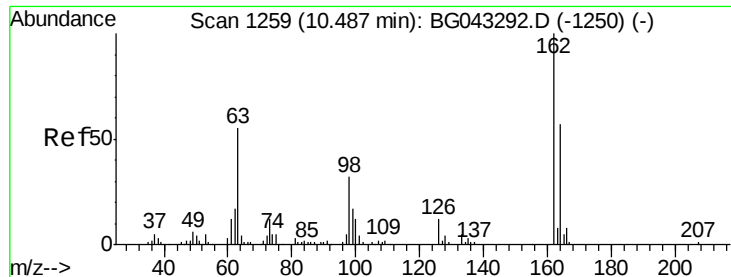
#28
 bis(2-Chloroethoxy)methane
 Concen: 40.508 ng
 RT: 10.21 min Scan# 1212
 Delta R.T. -0.01 min
 Lab File: BG043588.D
 Acq: 11 Nov 2019 18:02

Tgt Ion: 93 Resp: 82729
 Ion Ratio Lower Upper
 93 100
 95 31.1 26.0 39.0
 123 12.0 10.6 15.8



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

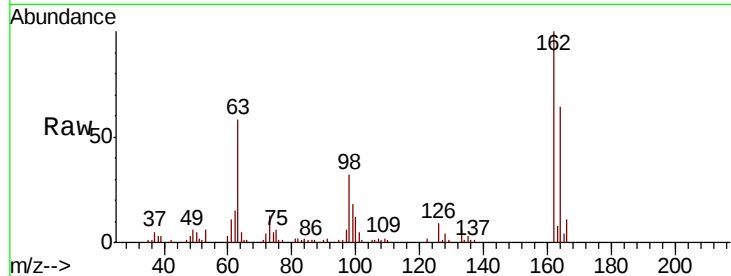




#29
2,4-Dichlorophenol
Concen: 46.220 ng
RT: 10.48 min Scan# 1257
Delta R.T. 0.00 min
Lab File: BG043588.D
Acq: 11 Nov 2019 18:02

Instrument :
BNA_G
ClientSampleId :
PB124674BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.9	48.9	88.9
98	32.2	15.1	55.1

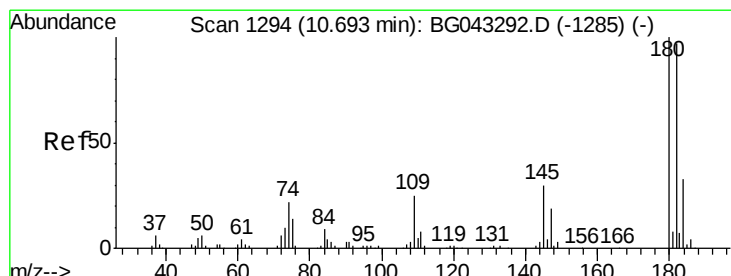
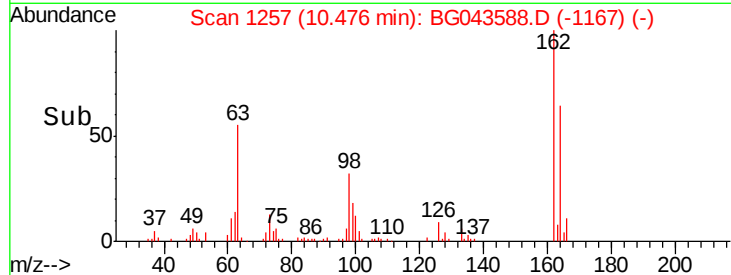
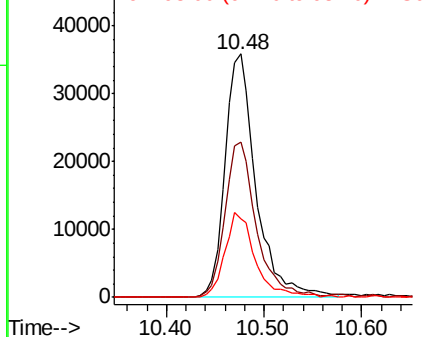


Abundance

Ion 162.00 (161.70 to 162.70): E

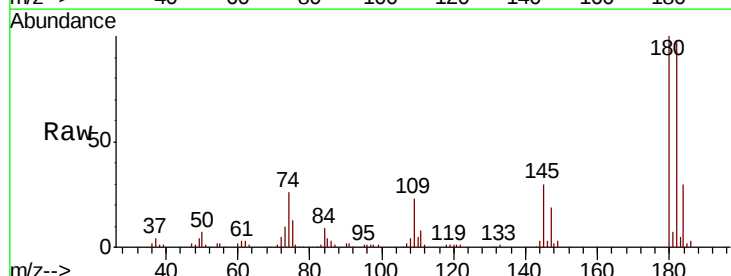
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30
1,2,4-Trichlorobenzene
Concen: 38.100 ng
RT: 10.67 min Scan# 1290
Delta R.T. -0.01 min
Lab File: BG043588.D
Acq: 11 Nov 2019 18:02

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.8	75.1	112.7
145	29.7	23.9	35.9

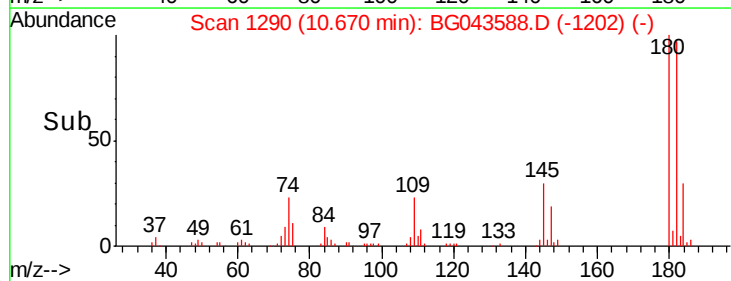
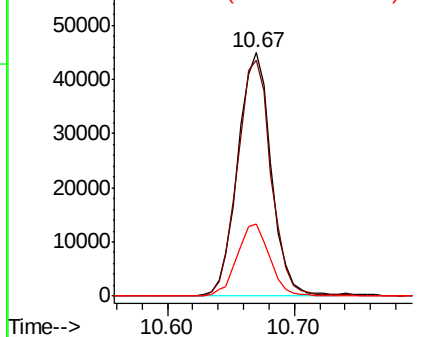


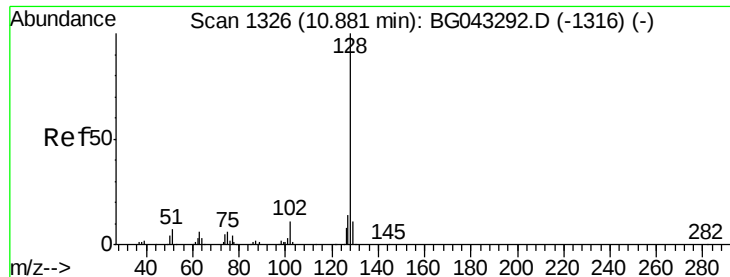
Abundance

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

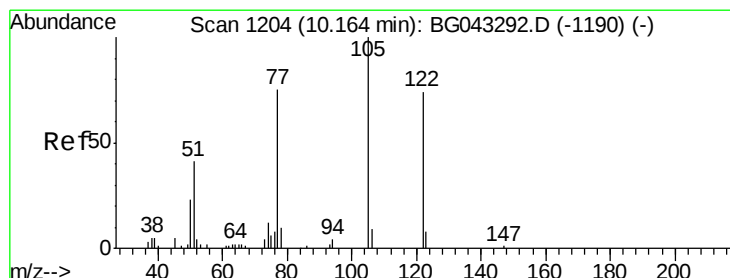
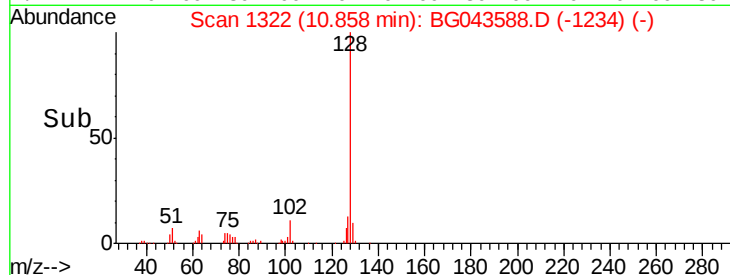
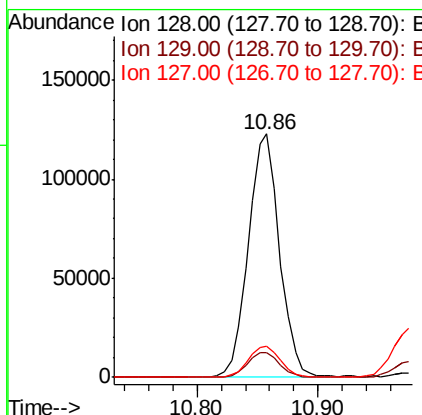
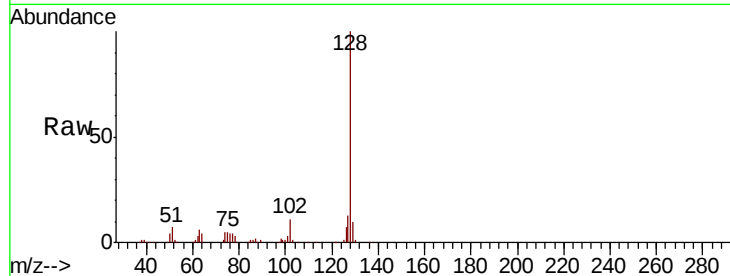




#31
Naphthalene
Concen: 41.636 ng
RT: 10.86 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BG043588.D
Acq: 11 Nov 2019 18:02

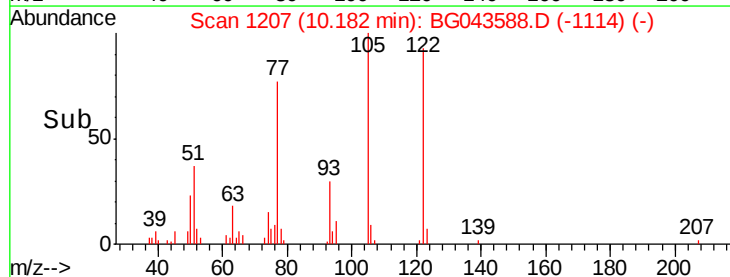
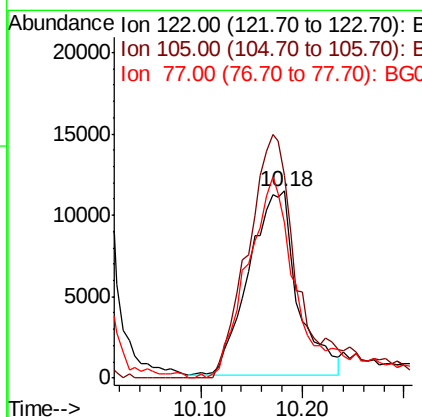
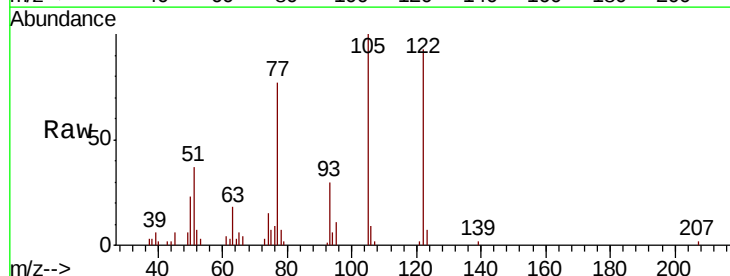
Instrument :
BNA_G
ClientSampleId :
PB124674BS

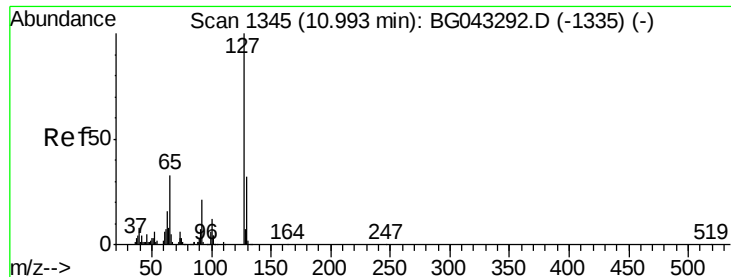
Tot Ion	Ratio	Lower	Upper
128	100		
129	10.4	9.4	14.0
127	13.0	11.1	16.7



#32
Benzoic acid
Concen: 38.727 ng
RT: 10.18 min Scan# 1207
Delta R.T. 0.02 min
Lab File: BG043588.D
Acq: 11 Nov 2019 18:02

Tgt Ion	Ratio	Lower	Upper
122	100		
105	108.1	103.3	143.3
77	83.1	84.9	124.9





#33

4-Chloroaniline

Concen: 27.664 ng

RT: 10.98 min Scan# 1342

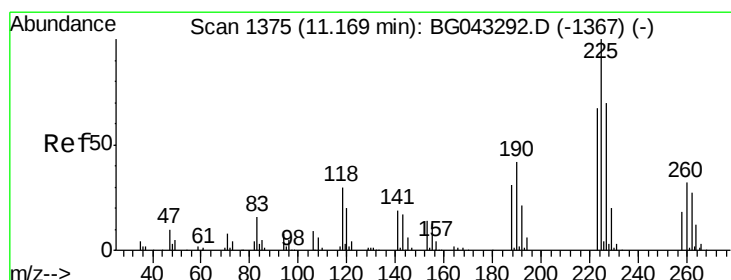
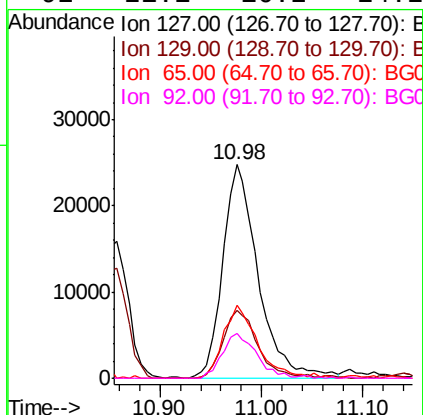
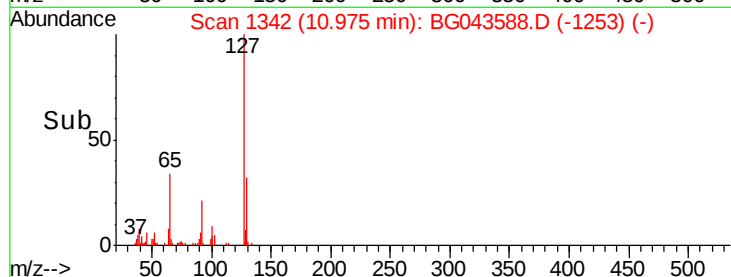
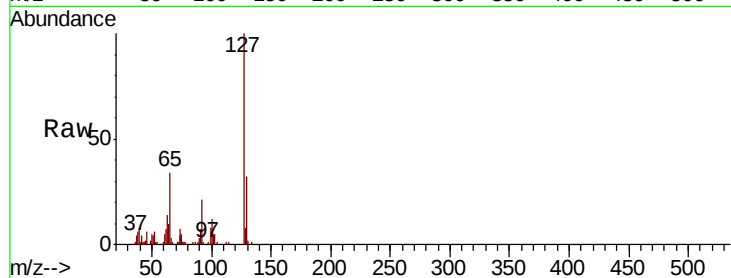
Delta R.T. -0.01 min

Lab File: BG043588.D

Acq: 11 Nov 2019 18:02

Instrument :
BNA_G
ClientSampleId :
PB124674BS

Tot Ion:	127	Resp:	60060
Ion	Ratio	Lower	Upper
127	100		
129	32.0	26.5	39.7
65	33.9	26.4	39.6
92	21.1	16.2	24.2



#34

Hexachlorobutadiene

Concen: 34.601 ng

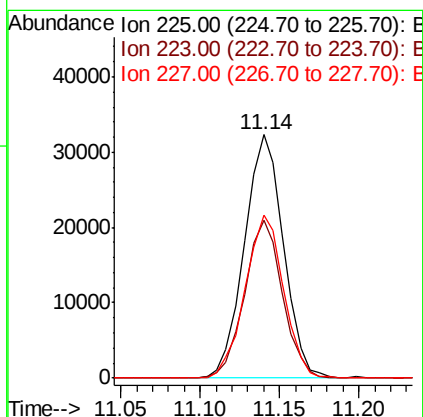
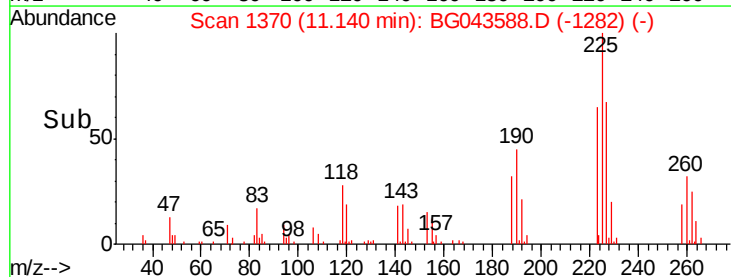
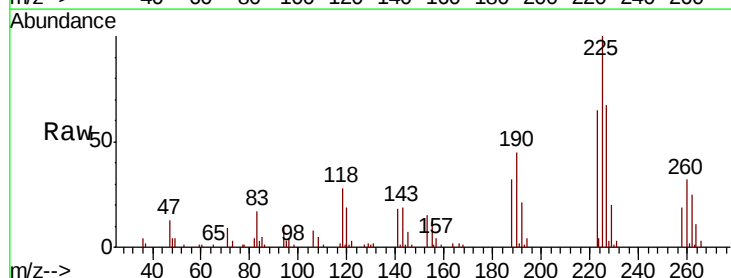
RT: 11.14 min Scan# 1370

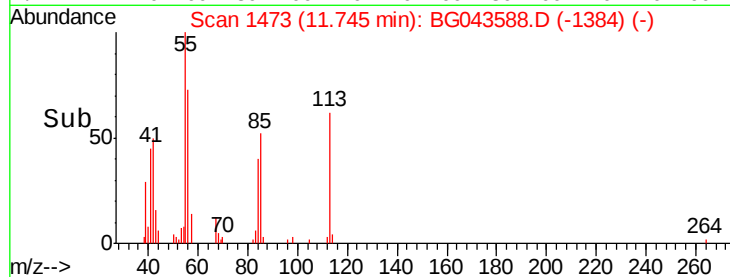
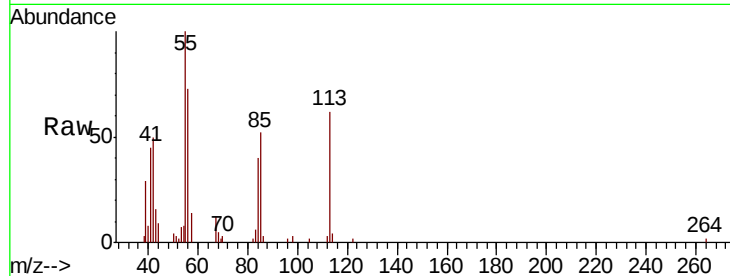
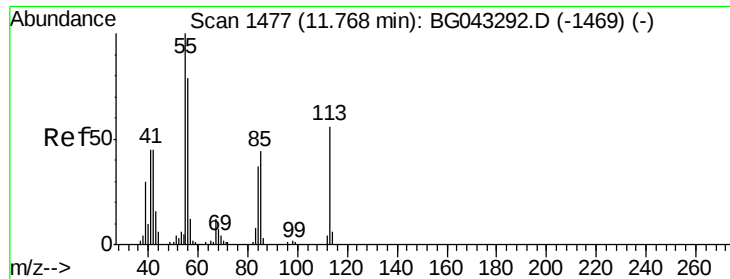
Delta R.T. -0.01 min

Lab File: BG043588.D

Acq: 11 Nov 2019 18:02

Tgt Ion:	225	Resp:	55106
Ion	Ratio	Lower	Upper
225	100		
223	64.8	52.7	79.1
227	66.9	54.8	82.2





#35

Caprolactam

Concen: 18.133 ng

RT: 11.74 min Scan# 1473

Delta R.T. -0.01 min

Lab File: BG043588.D

Acq: 11 Nov 2019 18:02

Instrument :

BNA_G

ClientSampleId :

PB124674BS

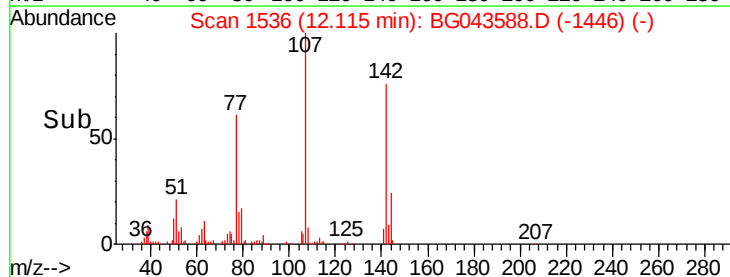
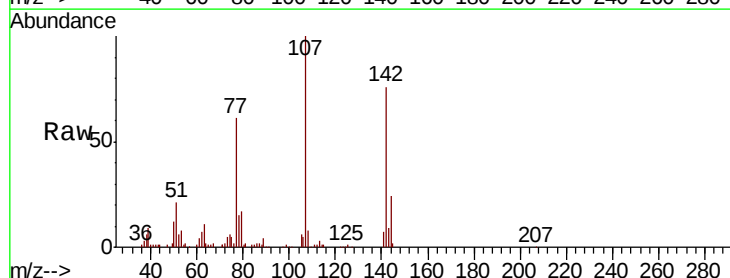
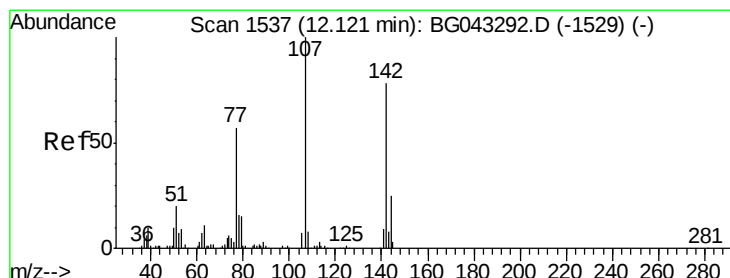
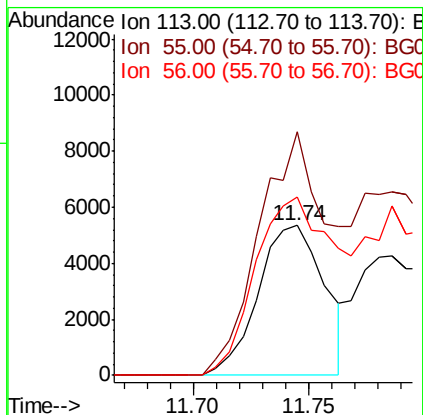
Tot Ion:113 Resp: 10675

Ion Ratio Lower Upper

113 100

55 162.4 134.1 174.1

56 119.1 100.4 140.4



#36

4-Chloro-3-methylphenol

Concen: 47.108 ng

RT: 12.12 min Scan# 1536

Delta R.T. 0.00 min

Lab File: BG043588.D

Acq: 11 Nov 2019 18:02

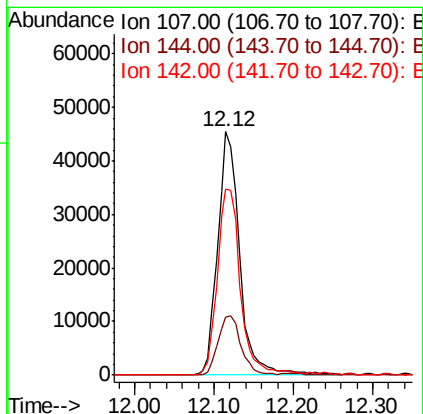
Tgt Ion:107 Resp: 87836

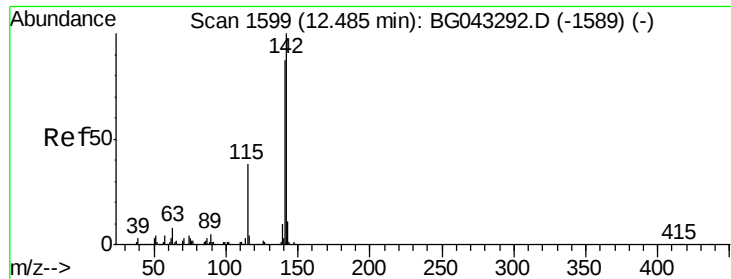
Ion Ratio Lower Upper

107 100

144 24.0 20.9 31.3

142 76.4 59.6 89.4

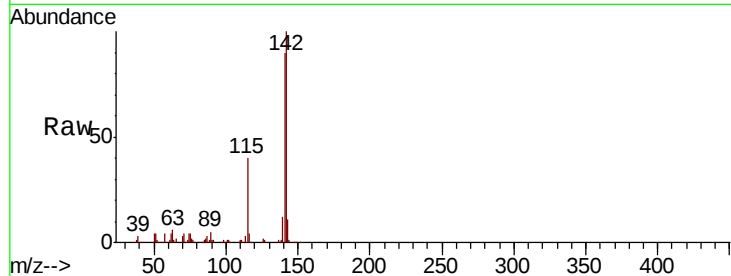




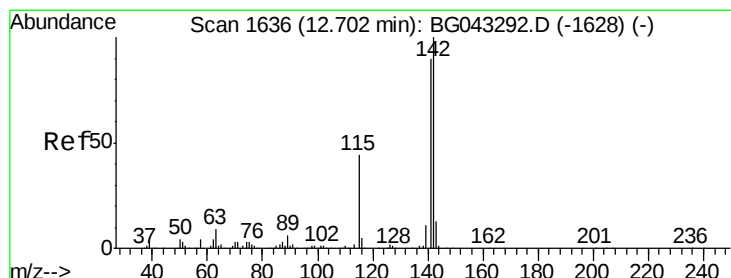
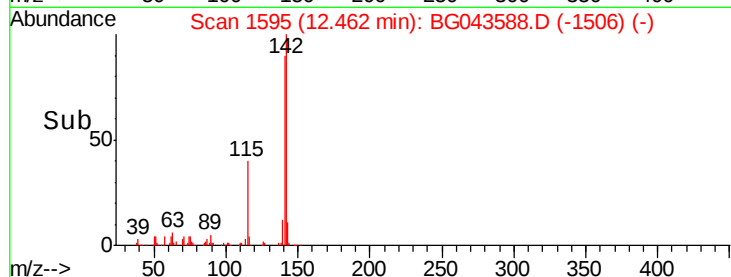
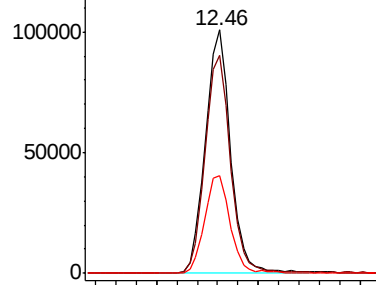
#37
2-Methylnaphthalene
Concen: 42.752 ng
RT: 12.46 min Scan# 1595
Delta R.T. -0.01 min
Lab File: BG043588.D
Acq: 11 Nov 2019 18:02

Instrument :
BNA_G
ClientSampleId :
PB124674BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.5	72.2	108.2
115	39.9	33.2	49.8

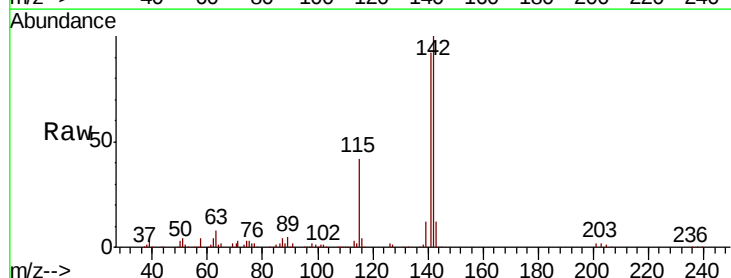


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

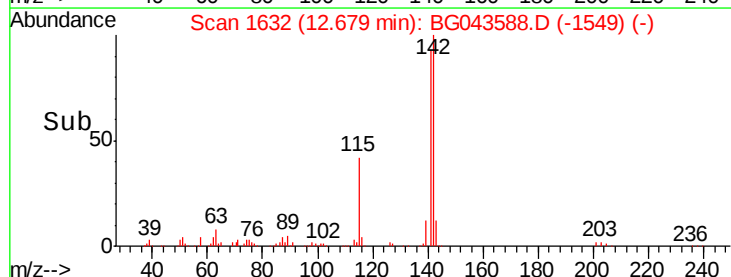
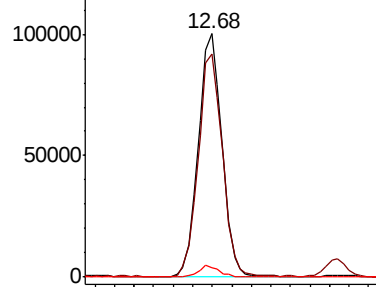


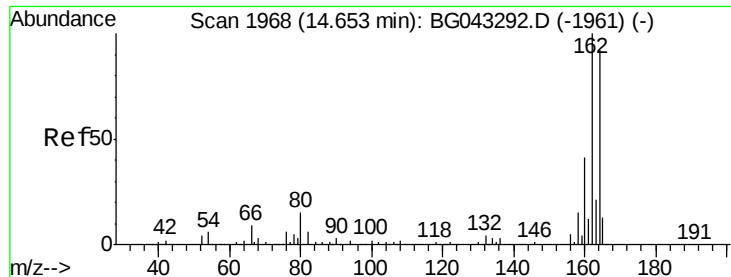
#38
1-Methylnaphthalene
Concen: 43.850 ng
RT: 12.68 min Scan# 1632
Delta R.T. -0.01 min
Lab File: BG043588.D
Acq: 11 Nov 2019 18:02

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.8	73.2	109.8
116	4.1	3.6	5.4



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# 1964

Delta R.T. -0.01 min

Lab File: BG043588.D

Acq: 11 Nov 2019 18:02

Instrument :

BNA_G

ClientSampleId :

PB124674BS

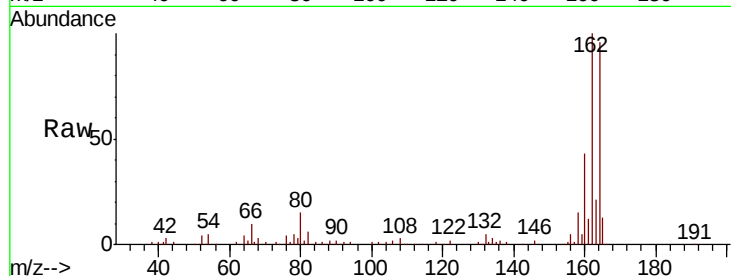
Tot Ion:164 Resp: 82749

Ion Ratio Lower Upper

164 100

162 104.1 83.5 125.3

160 44.6 36.5 54.7

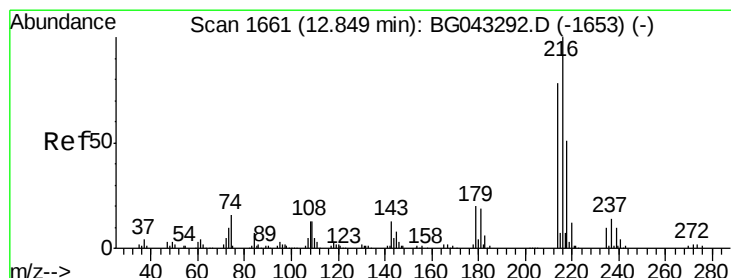
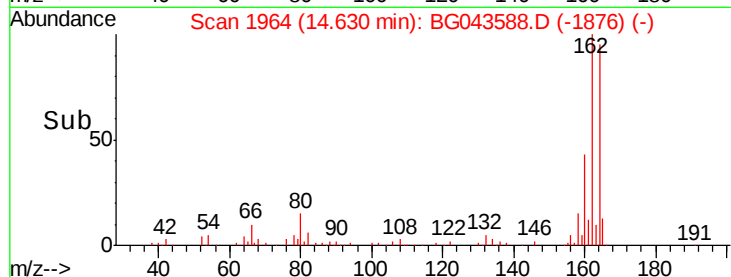
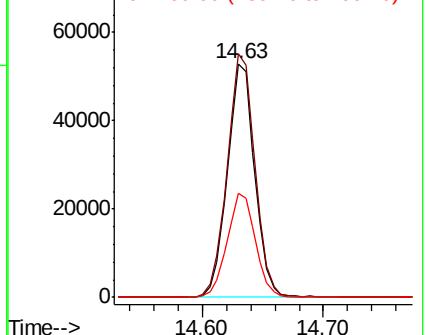


Abundance

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: 37.111 ng

RT: 12.83 min Scan# 1657

Delta R.T. -0.01 min

Lab File: BG043588.D

Acq: 11 Nov 2019 18:02

Tgt Ion:216 Resp: 113649

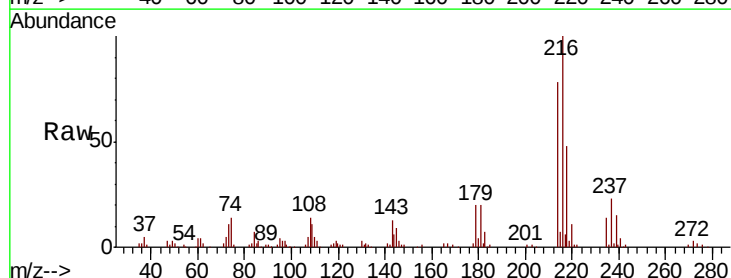
Ion Ratio Lower Upper

216 100

214 77.4 61.7 92.5

179 19.4 15.8 23.8

108 15.6 11.5 17.3



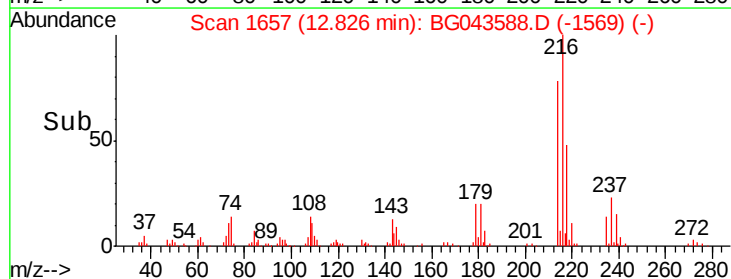
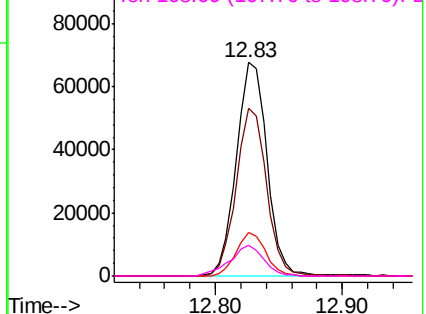
Abundance

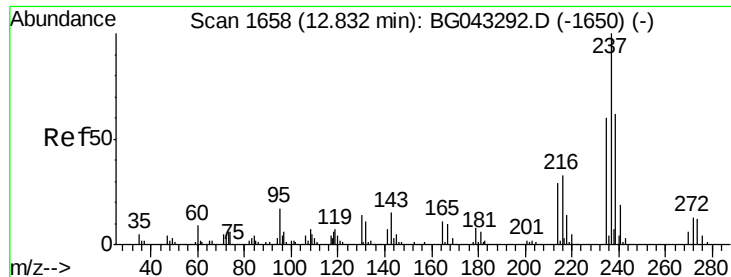
Ion 216.00 (215.70 to 216.70): E

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: 71.025 ng

RT: 12.81 min Scan# 1654

Delta R.T. -0.01 min

Lab File: BG043588.D

Acq: 11 Nov 2019 18:02

Instrument :

BNA_G

ClientSampleId :

PB124674BS

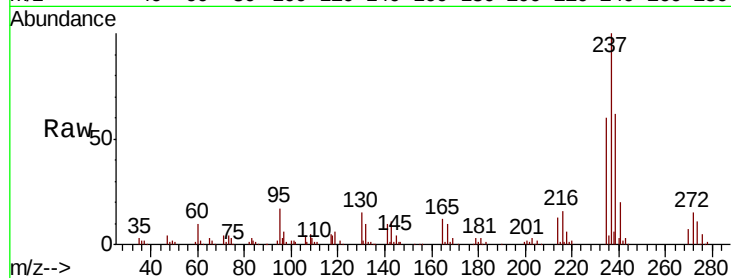
Tot Ion:237 Resp: 114258

Ion Ratio Lower Upper

237 100

235 60.2 41.6 81.6

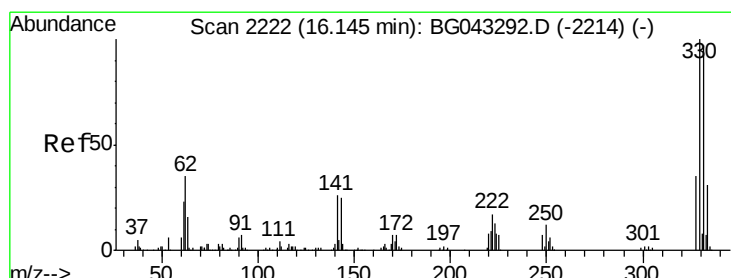
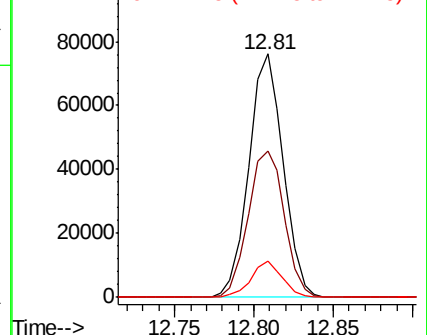
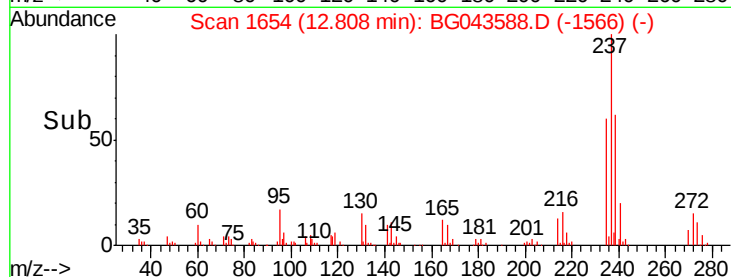
272 14.9 0.0 32.5



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: 115.943 ng

RT: 16.13 min Scan# 2219

Delta R.T. -0.01 min

Lab File: BG043588.D

Acq: 11 Nov 2019 18:02

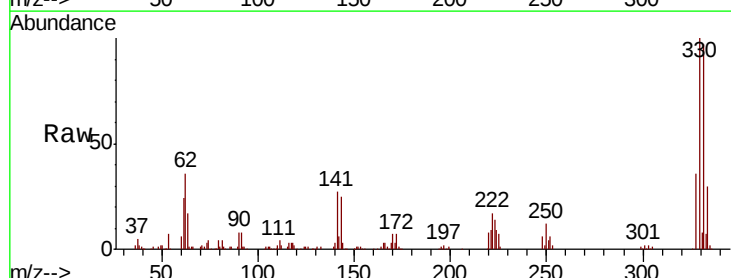
Tgt Ion:330 Resp: 182578

Ion Ratio Lower Upper

330 100

332 98.0 77.4 116.0

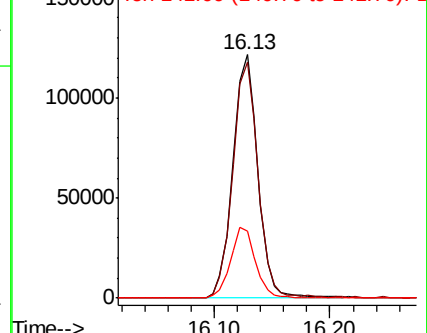
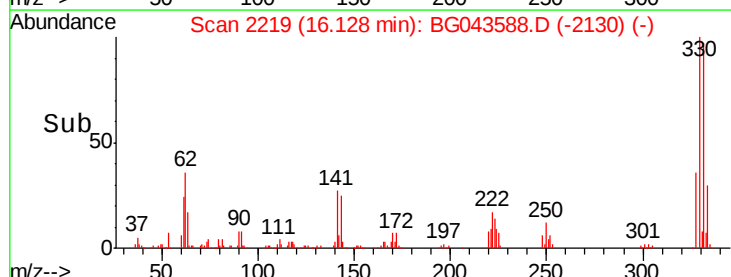
141 29.0 22.8 34.2

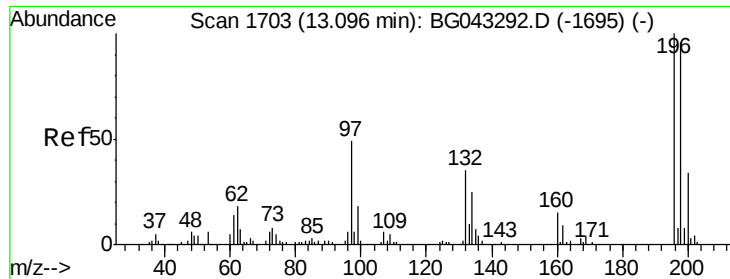


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

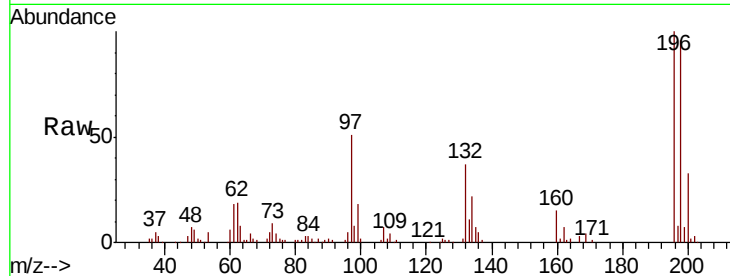




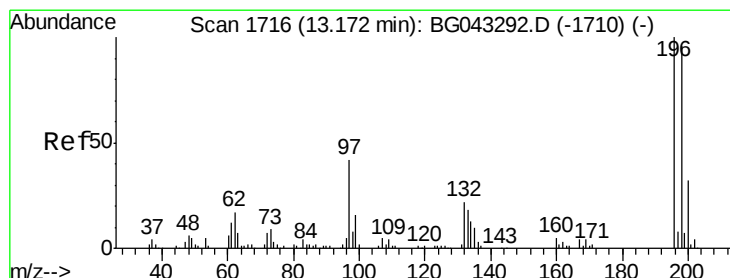
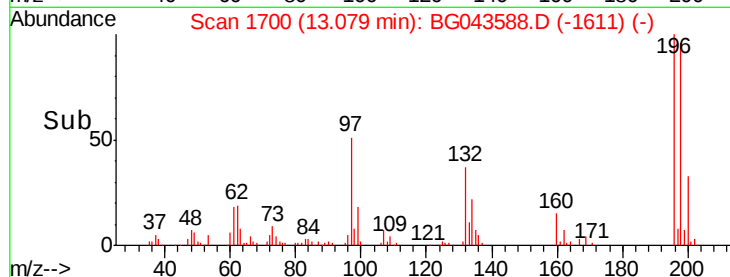
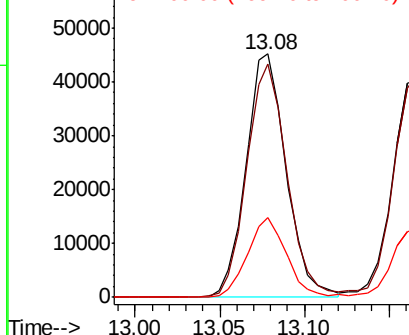
#43
 2,4,6-Trichlorophenol
 Concen: 41.423 ng
 RT: 13.08 min Scan# 1700
 Delta R.T. -0.01 min
 Lab File: BG043588.D
 Acq: 11 Nov 2019 18:02

Instrument :
 BNA_G
 ClientSampleId :
 PB124674BS

Tot Ion:196 Resp: 74705
 Ion Ratio Lower Upper
 196 100
 198 95.6 75.8 113.6
 200 33.0 23.9 35.9

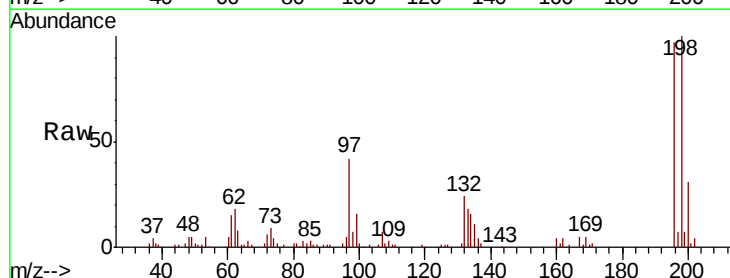


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

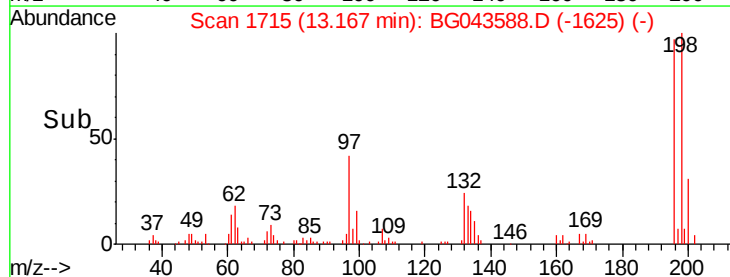
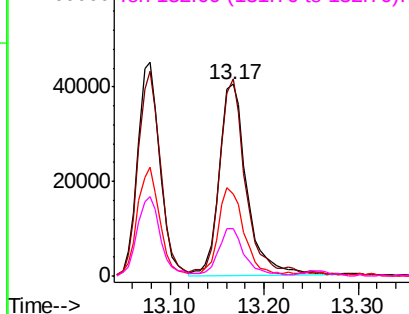


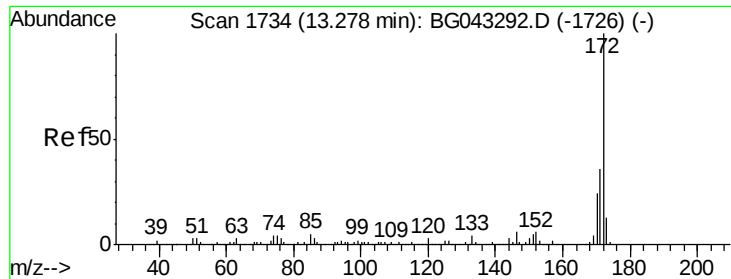
#44
 2,4,5-Trichlorophenol
 Concen: 45.273 ng
 RT: 13.17 min Scan# 1715
 Delta R.T. 0.00 min
 Lab File: BG043588.D
 Acq: 11 Nov 2019 18:02

Tgt Ion:196 Resp: 82546
 Ion Ratio Lower Upper
 196 100
 198 102.9 74.5 111.7
 97 42.7 36.3 54.5
 132 24.9 17.4 26.2



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

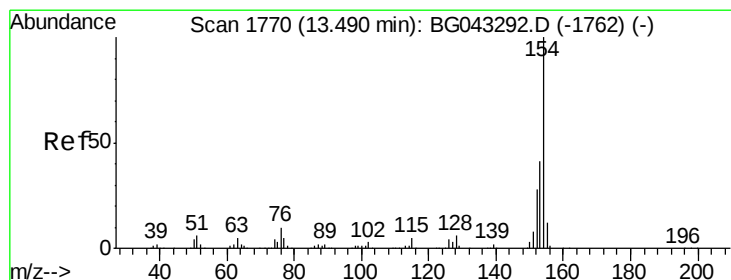
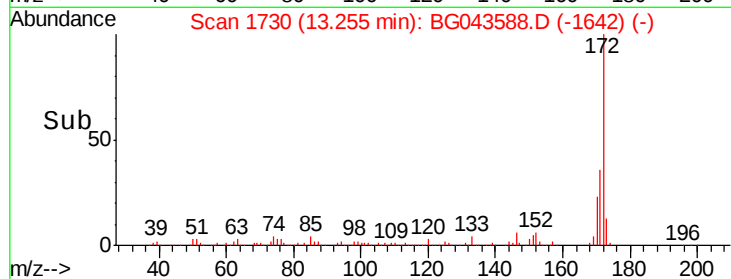
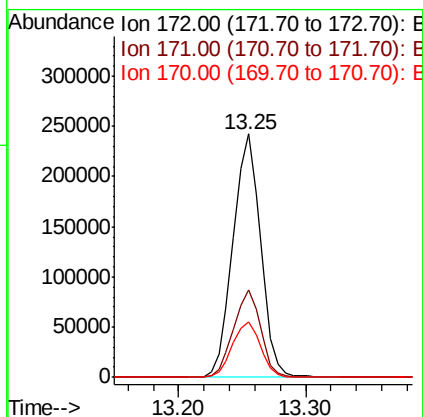
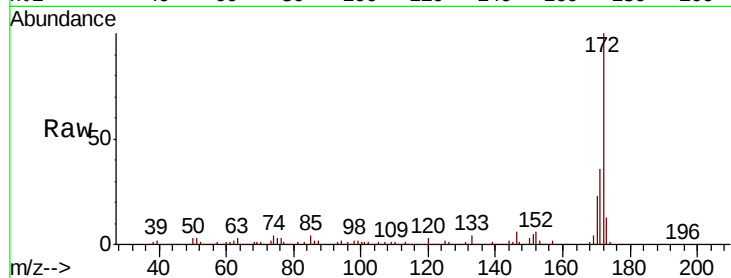




#45
2-Fluorobiphenyl
Concen: 60.947 ng
RT: 13.25 min Scan# 1730
Delta R.T. -0.01 min
Lab File: BG043588.D
Acq: 11 Nov 2019 18:02

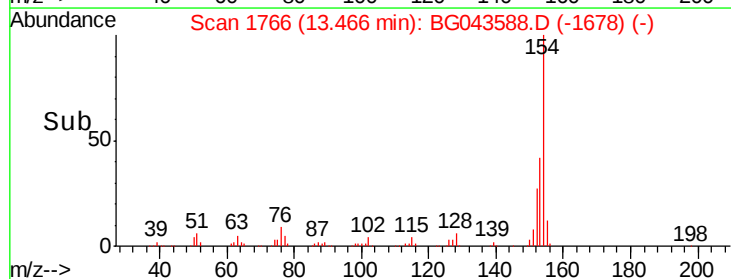
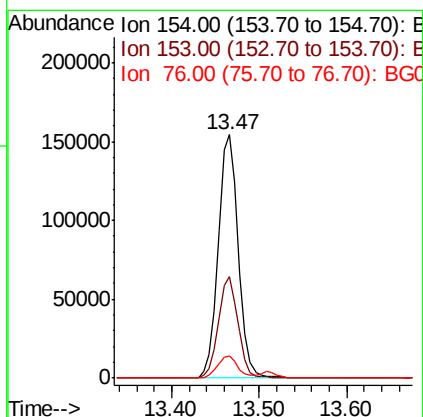
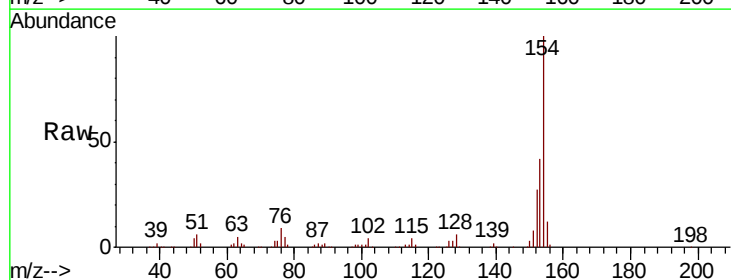
Instrument :
BNA_G
ClientSampleId :
PB124674BS

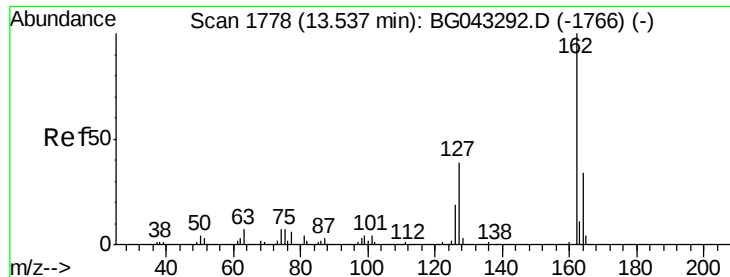
Tot Ion:172 Resp: 364978
Ion Ratio Lower Upper
172 100
171 35.8 28.9 43.3
170 22.7 18.5 27.7



#46
1,1'-Biphenyl
Concen: 39.049 ng
RT: 13.47 min Scan# 1766
Delta R.T. -0.01 min
Lab File: BG043588.D
Acq: 11 Nov 2019 18:02

Tgt Ion:154 Resp: 245817
Ion Ratio Lower Upper
154 100
153 41.6 19.9 59.9
76 9.2 0.0 29.4

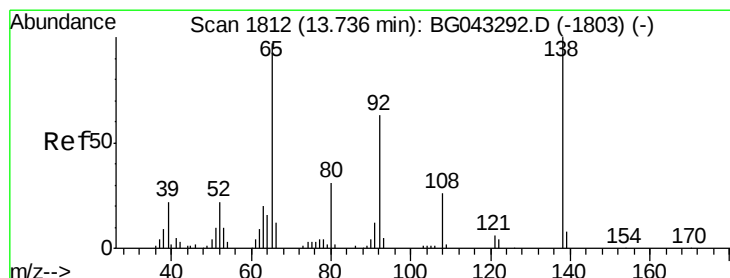
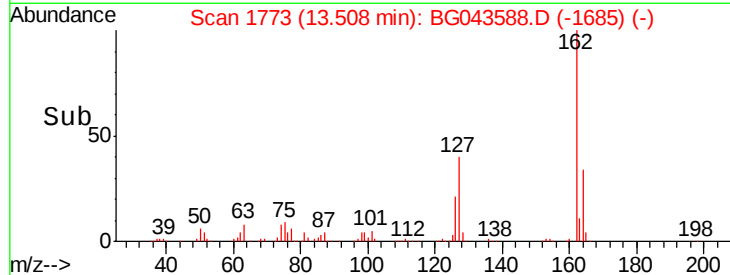
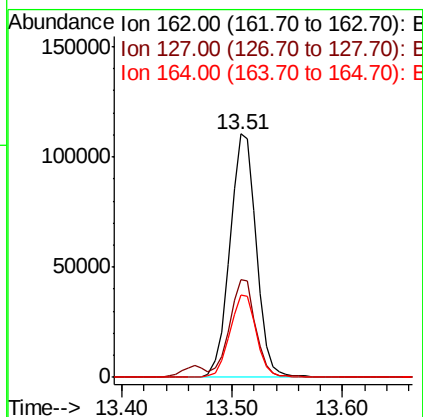
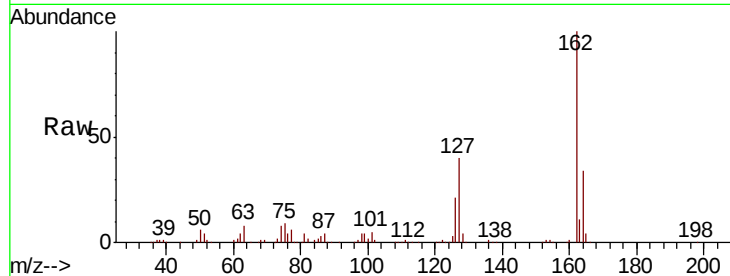




#47
2-Chloronaphthalene
Concen: 38.756 ng
RT: 13.51 min Scan# 1773
Delta R.T. -0.01 min
Lab File: BG043588.D
Acq: 11 Nov 2019 18:02

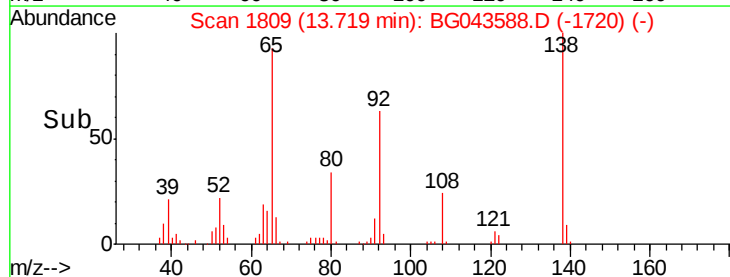
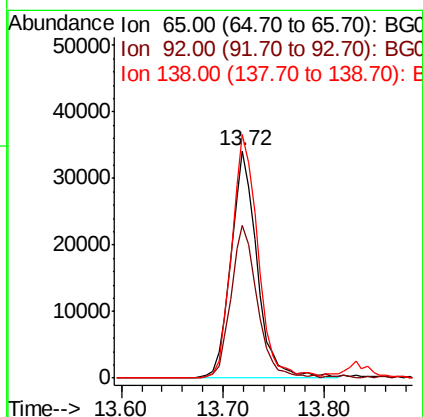
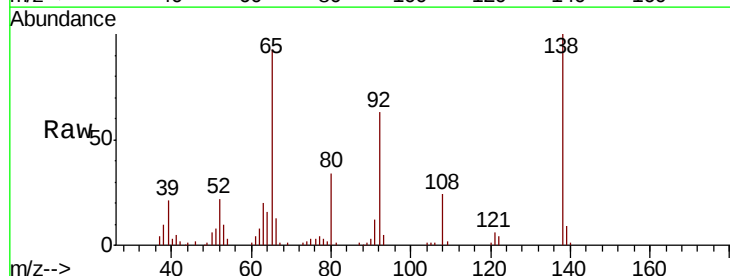
Instrument :
BNA_G
ClientSampleId :
PB124674BS

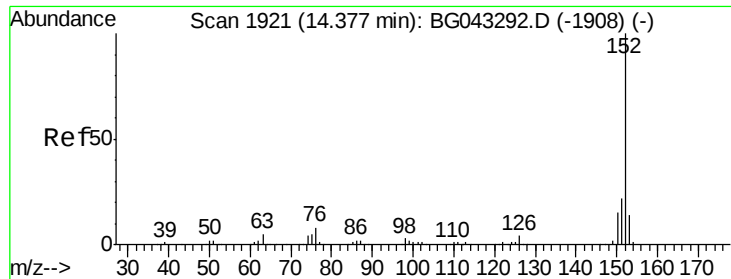
Tot Ion:162 Resp: 185631
Ion Ratio Lower Upper
162 100
127 40.2 31.2 46.8
164 33.6 25.8 38.8



#48
2-Nitroaniline
Concen: 42.707 ng
RT: 13.72 min Scan# 1809
Delta R.T. -0.01 min
Lab File: BG043588.D
Acq: 11 Nov 2019 18:02

Tgt Ion: 65 Resp: 61138
Ion Ratio Lower Upper
65 100
92 67.3 56.2 84.2
138 107.2 82.6 123.8





#49

Acenaphthylene

Concen: 42.833 ng

RT: 14.35 min Scan# 1917

Delta R.T. -0.01 min

Lab File: BG043588.D

Acq: 11 Nov 2019 18:02

Instrument :

BNA_G

ClientSampleId :

PB124674BS

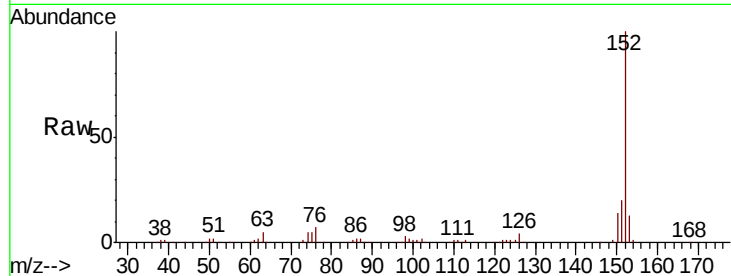
Tot Ion:152 Resp: 319299

Ion Ratio Lower Upper

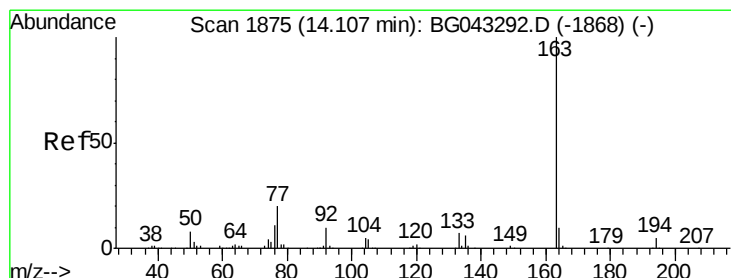
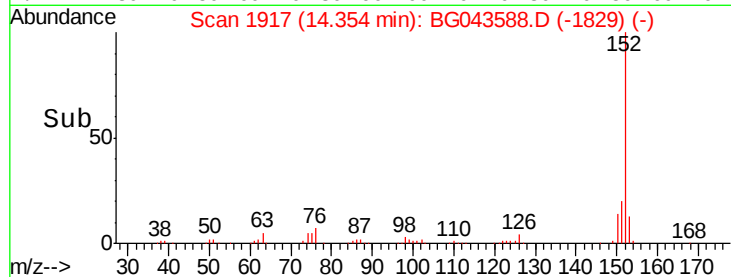
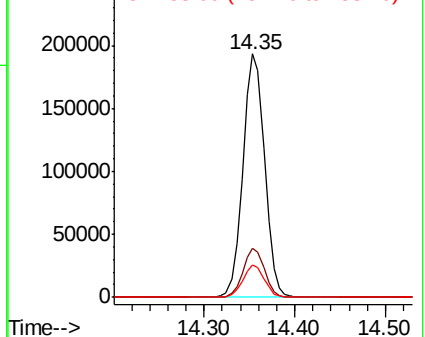
152 100

151 20.2 16.2 24.4

153 13.5 10.6 15.8



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: 42.354 ng

RT: 14.09 min Scan# 1872

Delta R.T. -0.01 min

Lab File: BG043588.D

Acq: 11 Nov 2019 18:02

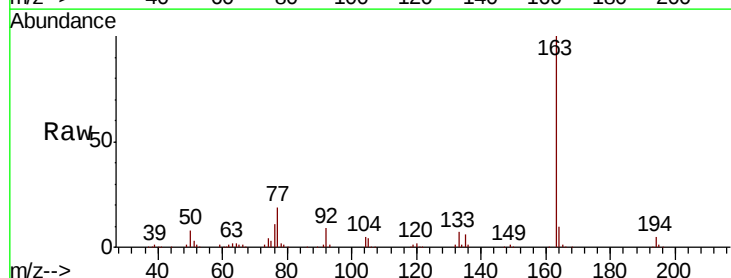
Tgt Ion:163 Resp: 271467

Ion Ratio Lower Upper

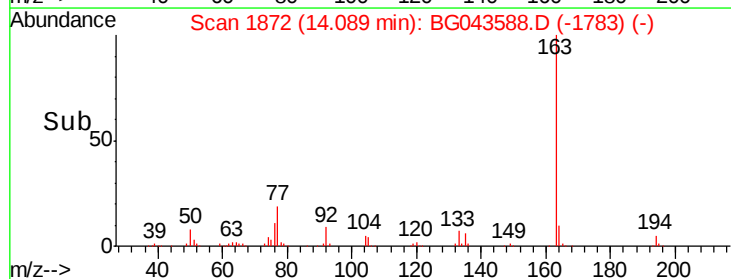
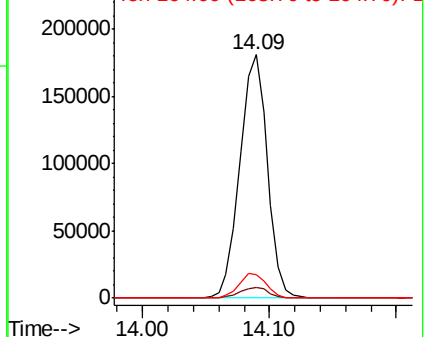
163 100

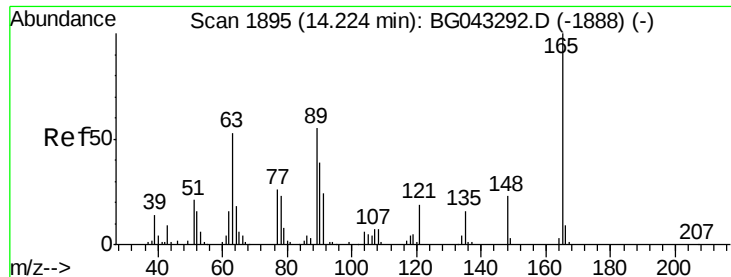
194 4.6 3.8 5.6

164 9.5 8.9 13.3



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: 44.351 ng

RT: 14.21 min Scan# 1892

Delta R.T. -0.01 min

Lab File: BG043588.D

Acq: 11 Nov 2019 18:02

Instrument :

BNA_G

ClientSampleId :

PB124674BS

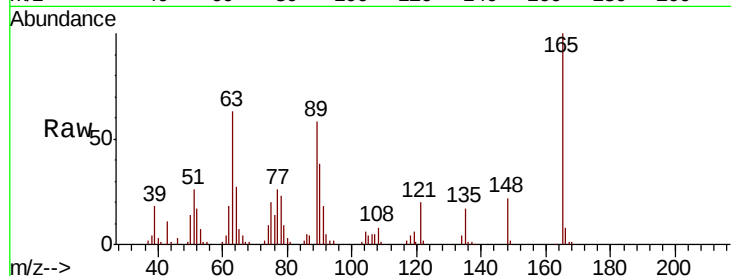
Tot Ion:165 Resp: 61757

Ion Ratio Lower Upper

165 100

63 62.7 46.6 69.8

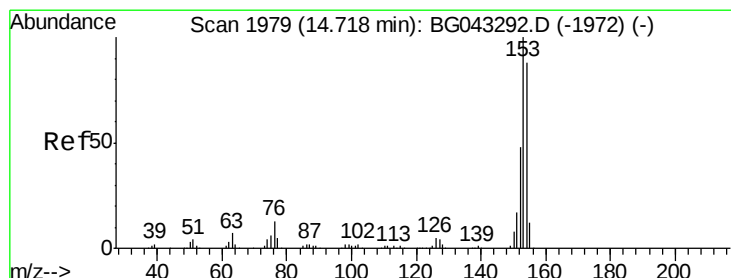
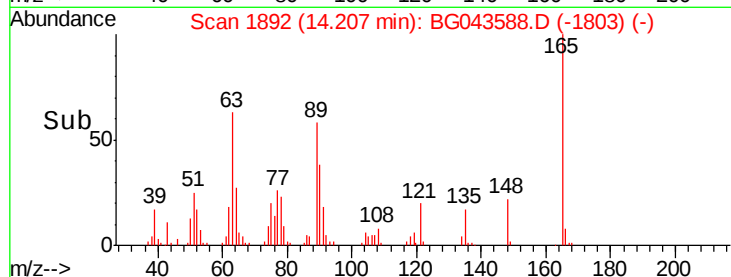
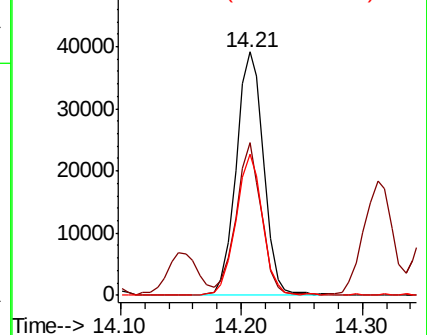
89 57.8 45.1 67.7



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC



#52

Acenaphthene

Concen: 41.083 ng

RT: 14.69 min Scan# 1975

Delta R.T. -0.01 min

Lab File: BG043588.D

Acq: 11 Nov 2019 18:02

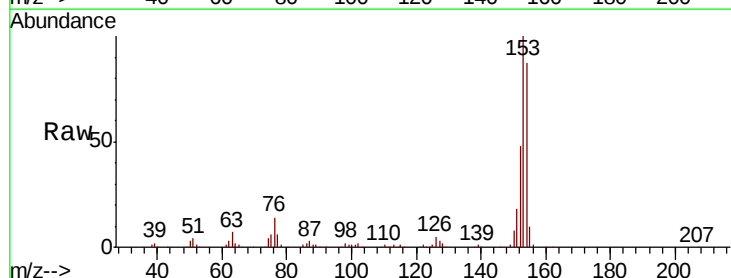
Tgt Ion:154 Resp: 186763

Ion Ratio Lower Upper

154 100

153 115.0 88.2 132.2

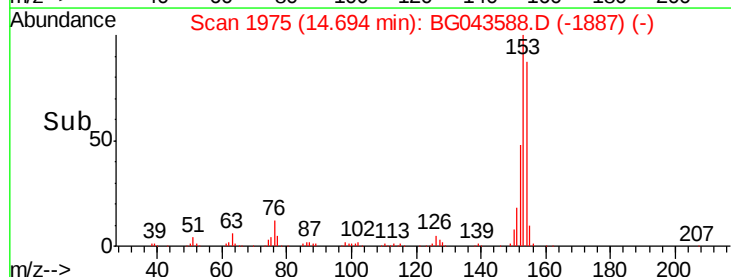
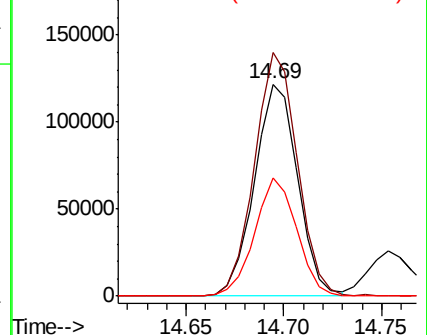
152 55.5 40.0 60.0

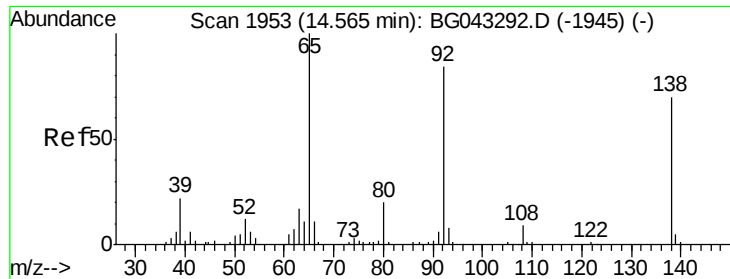


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 31.891 ng

RT: 14.55 min Scan# 1950

Delta R.T. -0.01 min

Lab File: BG043588.D

Acq: 11 Nov 2019 18:02

Instrument :

BNA_G

ClientSampleId :

PB124674BS

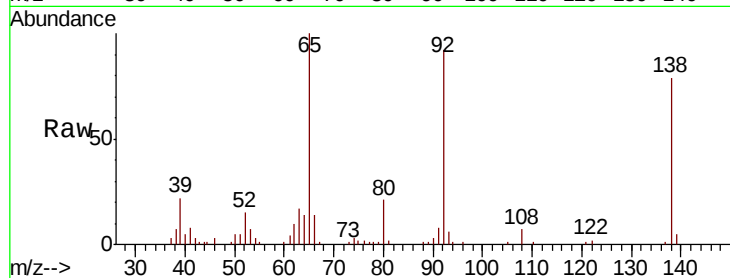
Tot Ion:138 Resp: 42873

Ion Ratio Lower Upper

138 100

108 9.3 8.0 12.0

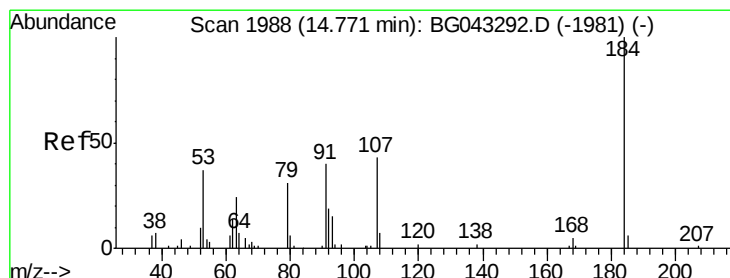
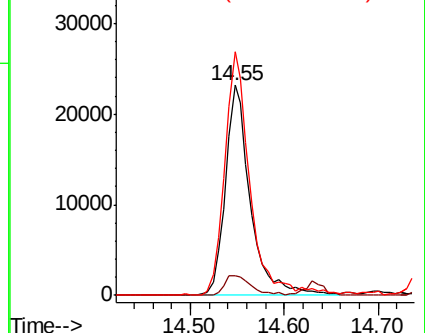
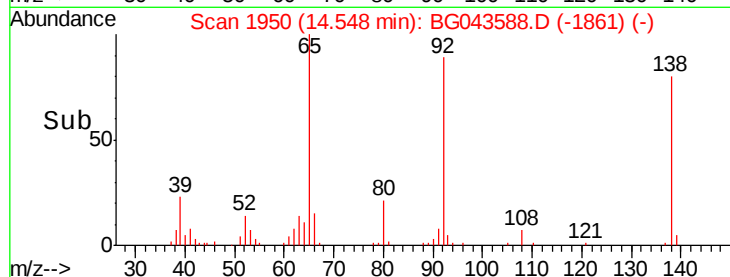
92 116.1 90.9 136.3



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: 79.291 ng

RT: 14.75 min Scan# 1985

Delta R.T. -0.01 min

Lab File: BG043588.D

Acq: 11 Nov 2019 18:02

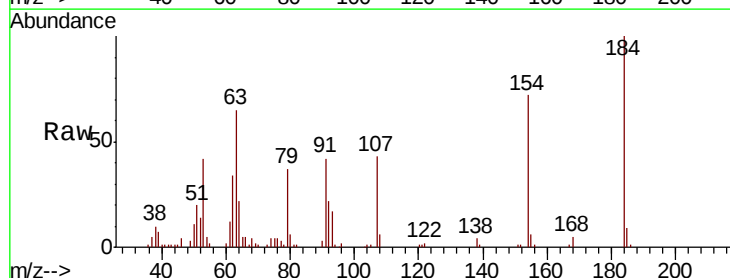
Tgt Ion:184 Resp: 68883

Ion Ratio Lower Upper

184 100

63 64.6 51.3 76.9

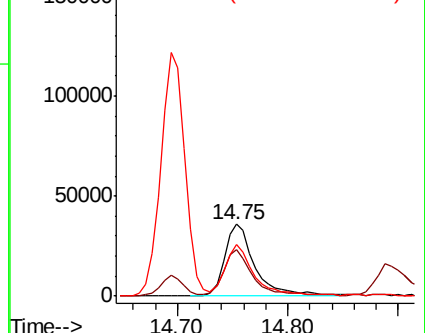
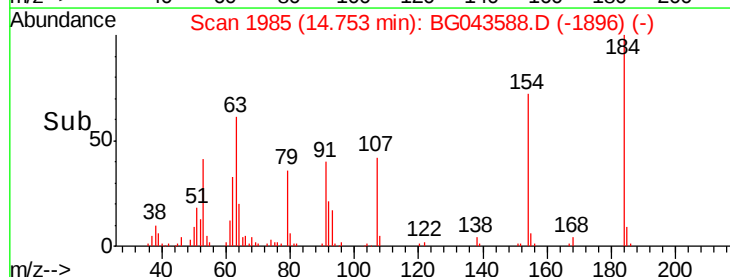
154 72.5 55.4 83.0

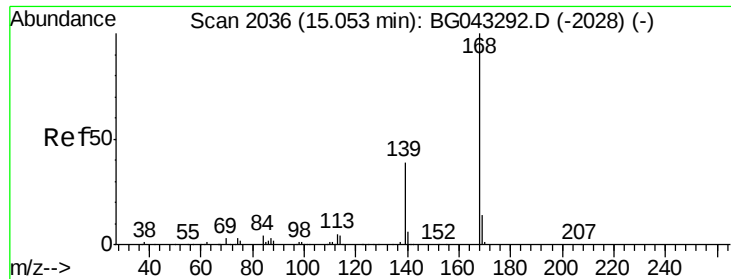


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

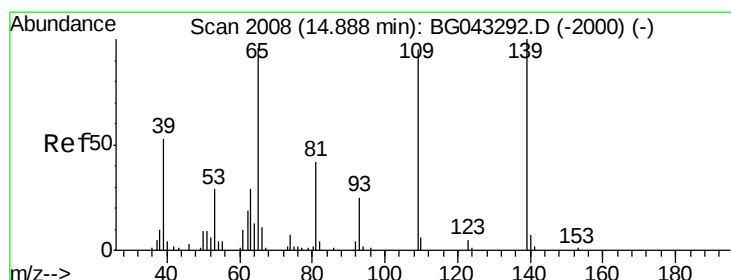
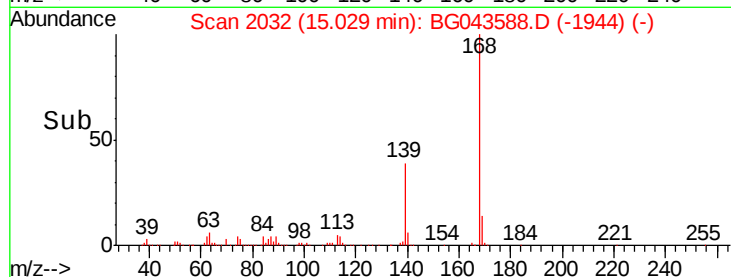
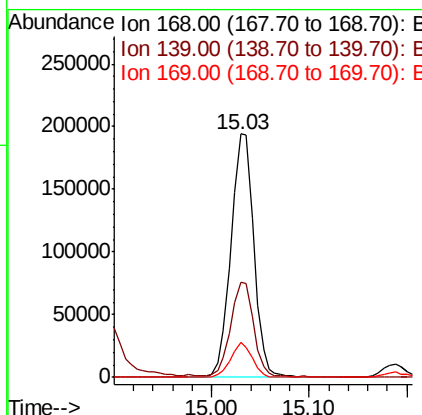
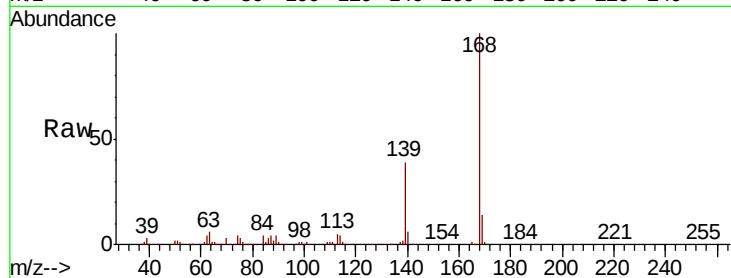




#55
Dibenzenofuran
Concen: 42.937 ng
RT: 15.03 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BG043588.D
Acq: 11 Nov 2019 18:02

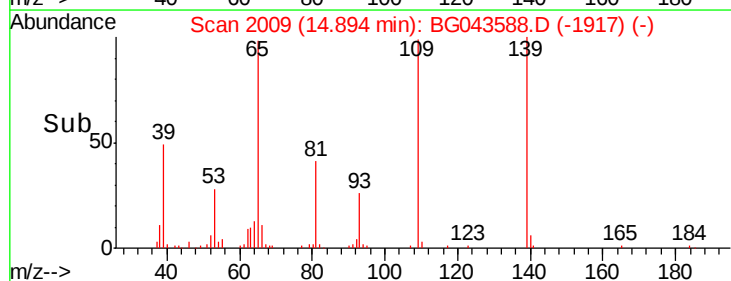
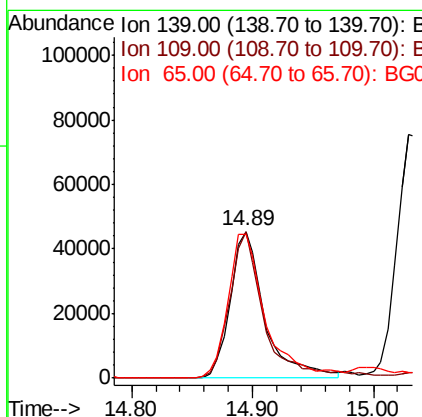
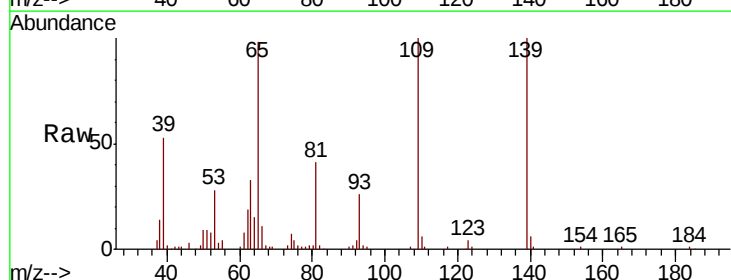
Instrument :
BNA_G
ClientSampleId :
PB124674BS

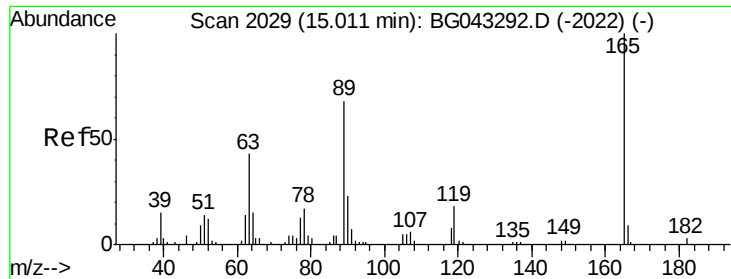
Tot Ion	Ratio	Lower	Upper
168	100		
139	38.8	31.0	46.6
169	14.2	11.7	17.5



#56
4-Nitrophenol
Concen: 100.132 ng
RT: 14.89 min Scan# 2009
Delta R.T. 0.01 min
Lab File: BG043588.D
Acq: 11 Nov 2019 18:02

Tgt Ion	Ratio	Lower	Upper
139	100		
109	100.4	87.2	127.2
65	98.3	83.8	123.8

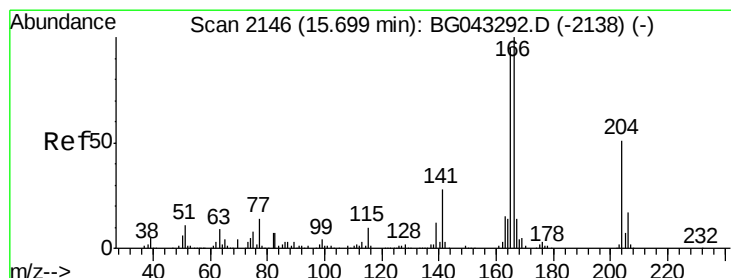
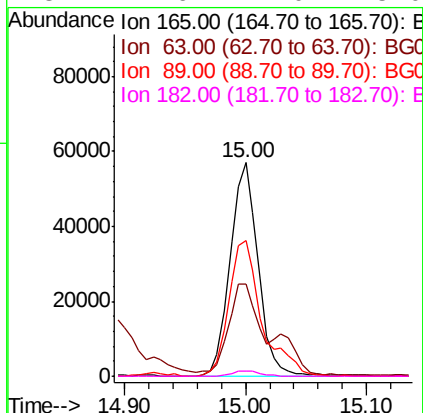
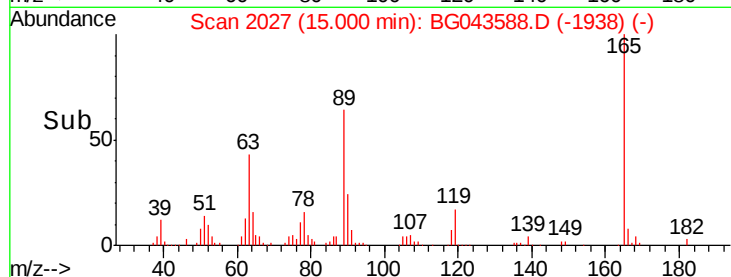
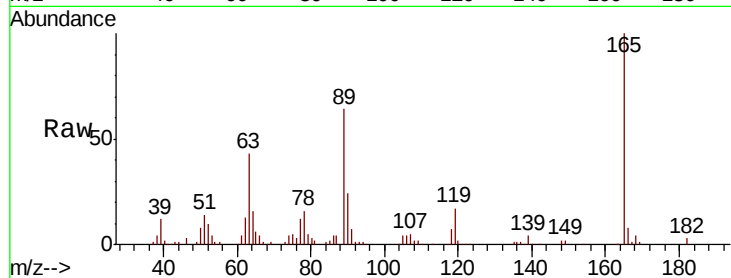




#57
2,4-Dinitrotoluene
Concen: 46.129 ng
RT: 15.00 min Scan# 2027
Delta R.T. -0.01 min
Lab File: BG043588.D
Acq: 11 Nov 2019 18:02

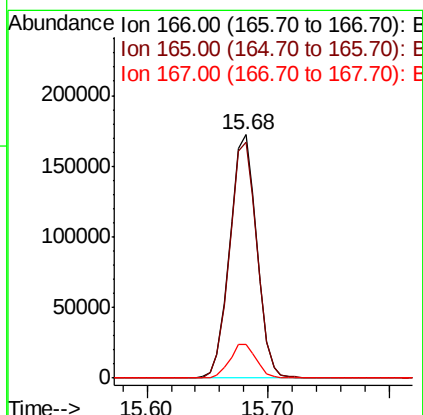
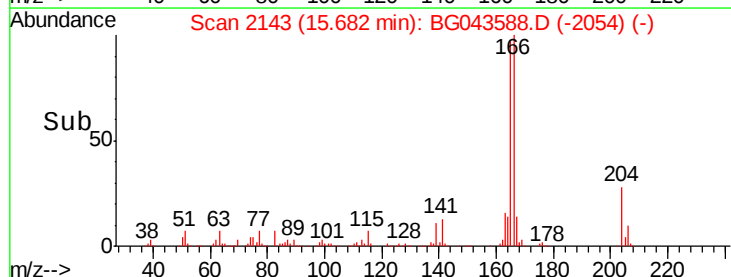
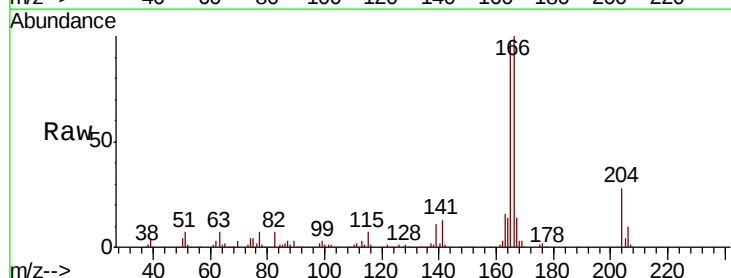
Instrument :
BNA_G
ClientSampleId :
PB124674BS

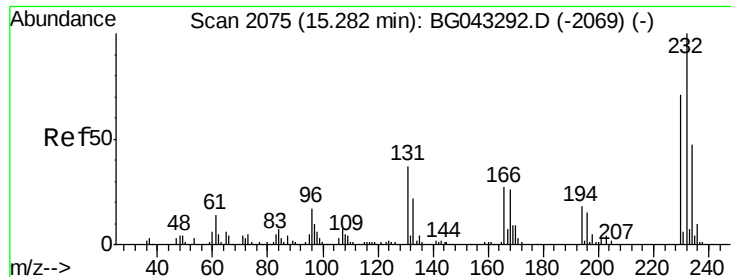
Tot Ion:165	Resp:	91796
Ion	Ratio	Lower Upper
165	100	
63	43.1	33.2 49.8
89	63.6	52.2 78.4
182	2.6	2.0 3.0



#58
Fluorene
Concen: 43.312 ng
RT: 15.68 min Scan# 2143
Delta R.T. -0.01 min
Lab File: BG043588.D
Acq: 11 Nov 2019 18:02

Tgt Ion:166	Resp:	267802
Ion	Ratio	Lower Upper
166	100	
165	97.0	79.0 118.6
167	13.9	10.5 15.7

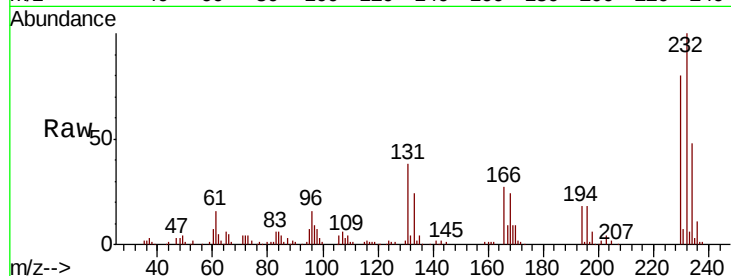




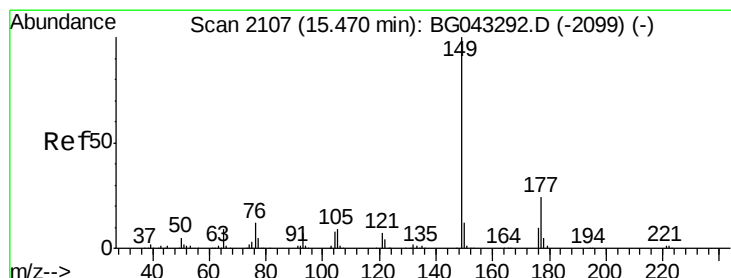
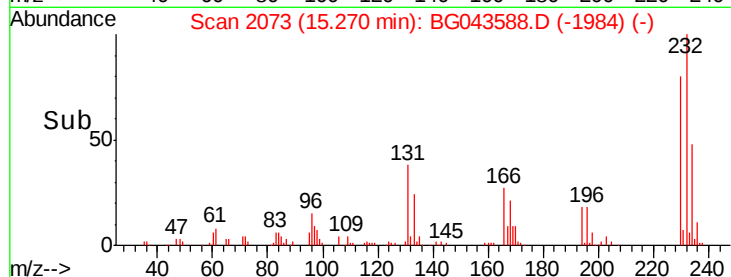
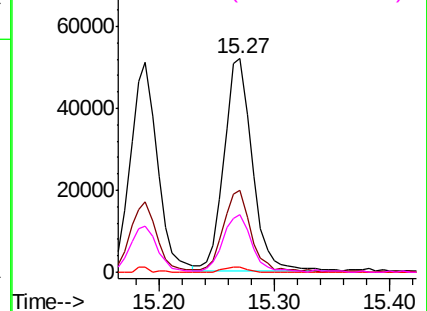
#59
2,3,4,6-Tetrachlorophenol
Concen: 45.379 ng
RT: 15.27 min Scan# 2073
Delta R.T. -0.01 min
Lab File: BG043588.D
Acq: 11 Nov 2019 18:02

Instrument :
BNA_G
ClientSampleId :
PB124674BS

Tot Ion:	232	Resp:	87906
Ion	Ratio	Lower	Upper
232	100		
131	38.4	26.9	40.3
130	2.1	1.8	2.6
166	27.6	20.9	31.3

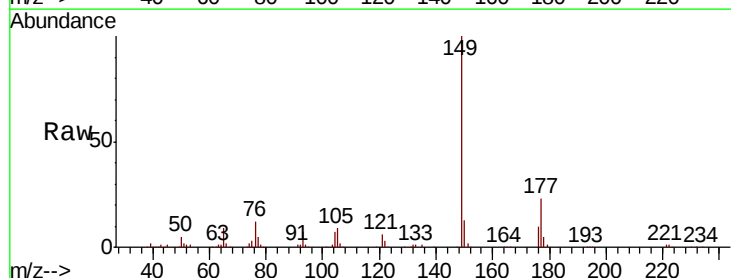


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

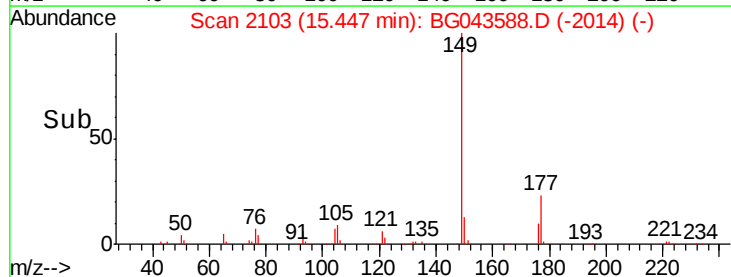
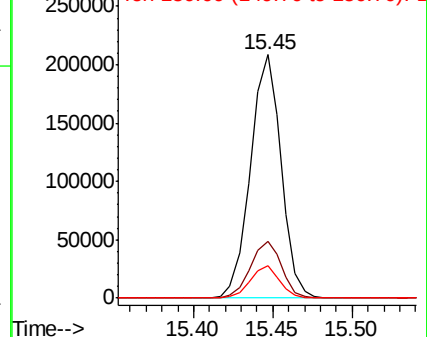


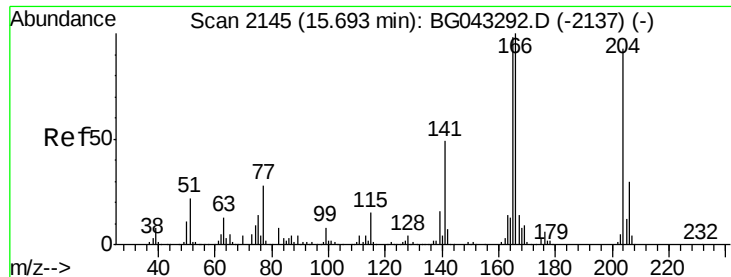
#60
Diethylphthalate
Concen: 43.448 ng
RT: 15.45 min Scan# 2103
Delta R.T. -0.01 min
Lab File: BG043588.D
Acq: 11 Nov 2019 18:02

Tgt Ion:	149	Resp:	279812
Ion	Ratio	Lower	Upper
149	100		
177	23.4	19.6	29.4
150	13.3	10.8	16.2



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

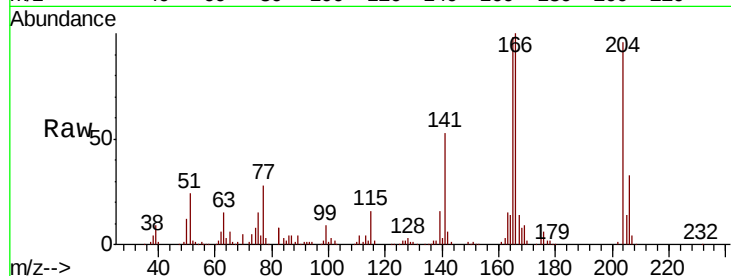




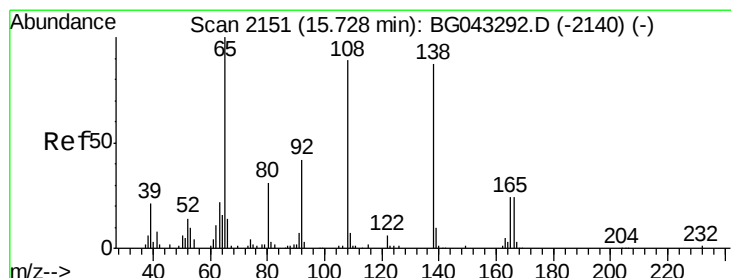
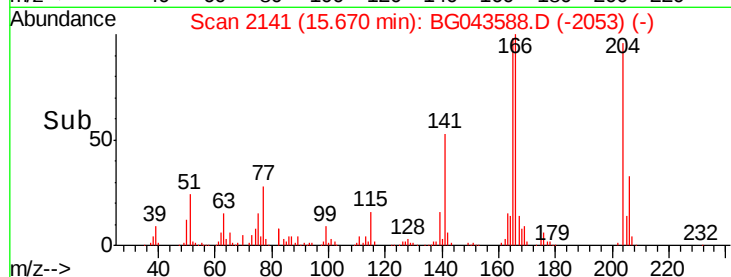
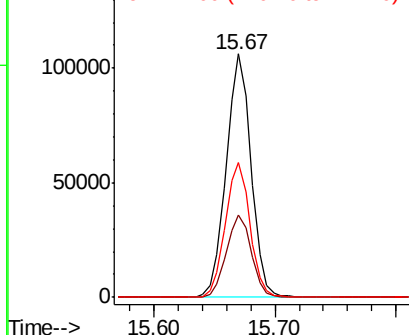
#61
4-Chlorophenyl-phenylether
Concen: 42.024 ng
RT: 15.67 min Scan# 2141
Delta R.T. -0.01 min
Lab File: BG043588.D
Acq: 11 Nov 2019 18:02

Instrument :
BNA_G
ClientSampleId :
PB124674BS

Tot Ion:204 Resp: 151583
Ion Ratio Lower Upper
204 100
206 33.9 28.4 42.6
141 55.5 43.0 64.6

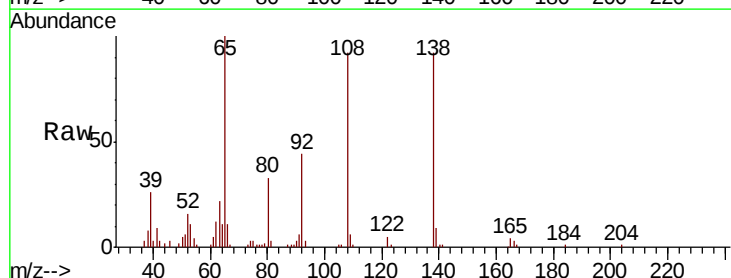


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

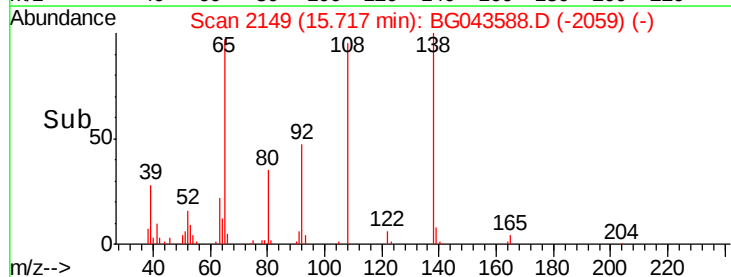
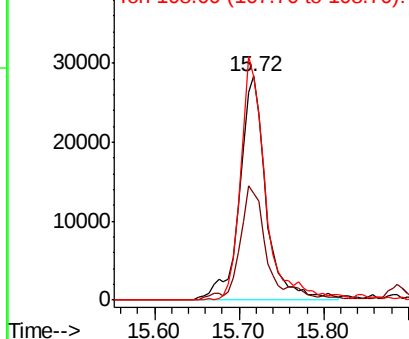


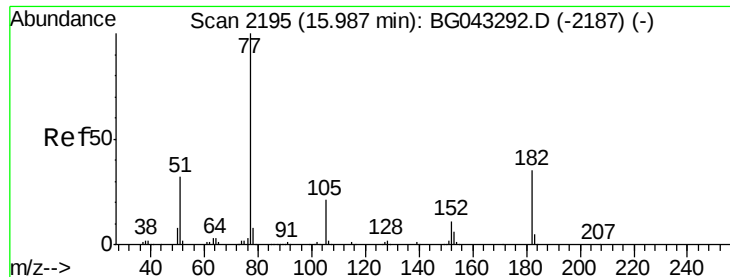
#62
4-Nitroaniline
Concen: 44.193 ng
RT: 15.72 min Scan# 2149
Delta R.T. 0.00 min
Lab File: BG043588.D
Acq: 11 Nov 2019 18:02

Tgt Ion:138 Resp: 61358
Ion Ratio Lower Upper
138 100
92 47.5 33.4 73.4
108 99.8 78.0 118.0



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





#63

Azobenzene

Concen: 43.995 ng

RT: 15.96 min Scan# 2191

Delta R.T. -0.01 min

Lab File: BG043588.D

Acq: 11 Nov 2019 18:02

Instrument :

BNA_G

ClientSampleId :

PB124674BS

Tot Ion: 77 Resp: 229309

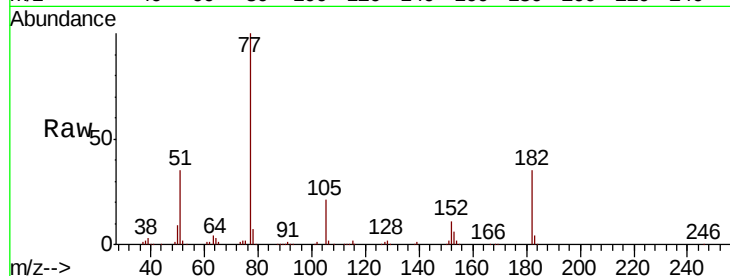
Ion Ratio Lower Upper

77 100

182 34.6 13.7 53.7

105 20.9 0.4 40.4

51 35.4 11.0 51.0

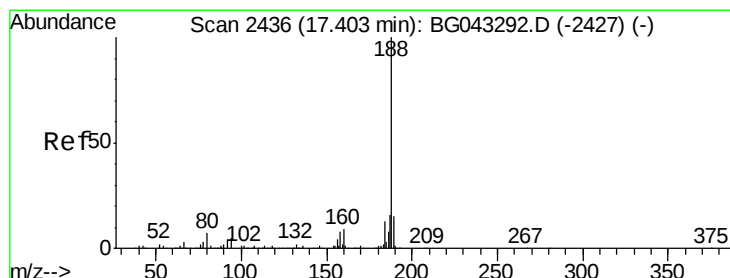
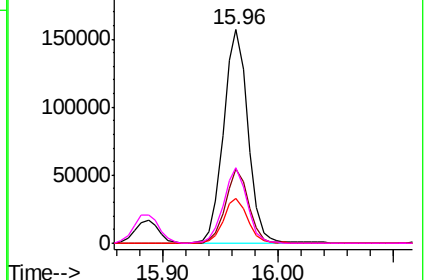
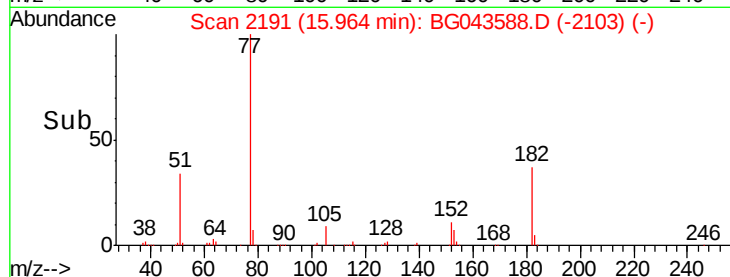


Abundance Ion 77.00 (76.70 to 77.70): BGC

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. -0.01 min

Lab File: BG043588.D

Acq: 11 Nov 2019 18:02

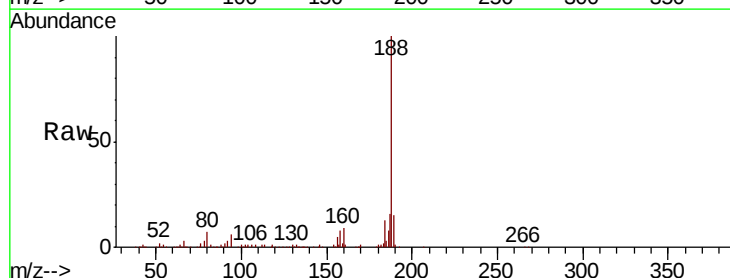
Tgt Ion: 188 Resp: 212381

Ion Ratio Lower Upper

188 100

94 5.8 4.2 6.4

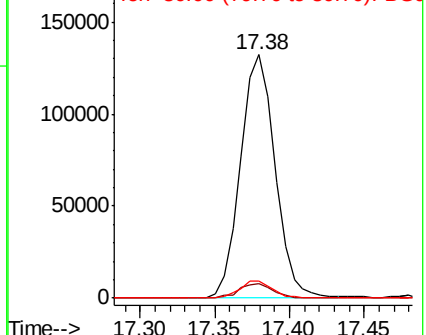
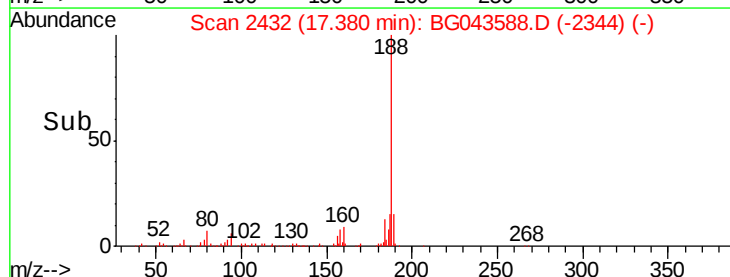
80 6.8 4.5 6.7#

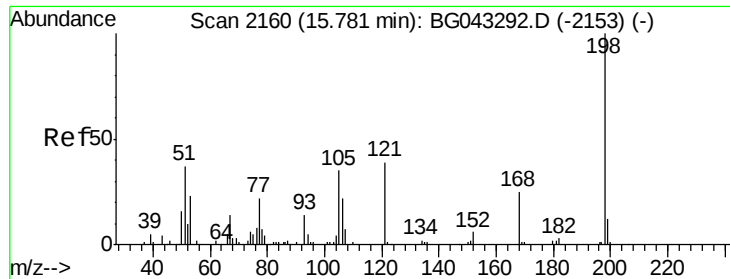


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

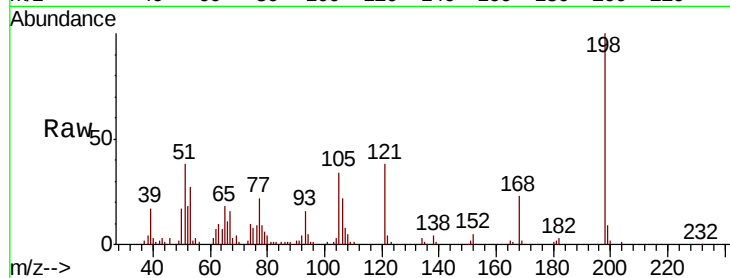




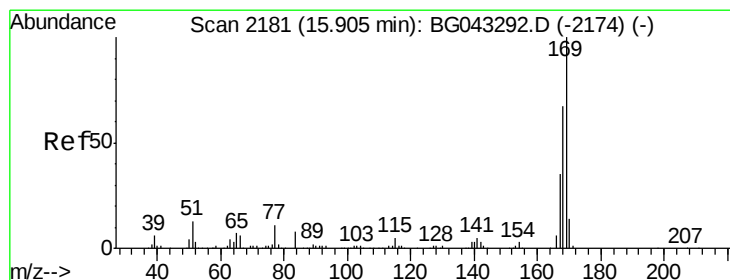
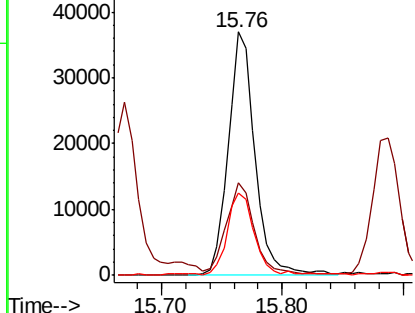
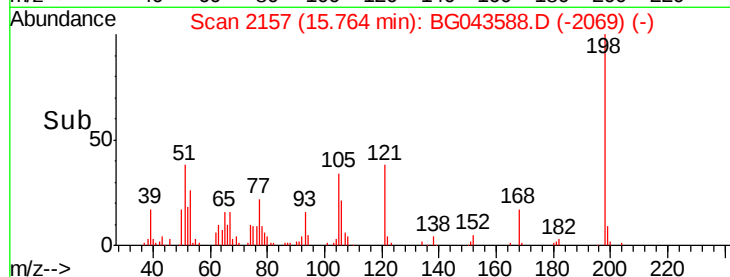
#65
 4,6-Dinitro-2-methylphenol
 Concen: 45.686 ng
 RT: 15.76 min Scan# 2157
 Delta R.T. -0.01 min
 Lab File: BG043588.D
 Acq: 11 Nov 2019 18:02

Instrument :
 BNA_G
 ClientSampleId :
 PB124674BS

Tot Ion	Ratio	Lower	Upper
198	100		
51	38.1	13.2	53.2
105	33.9	15.8	55.8

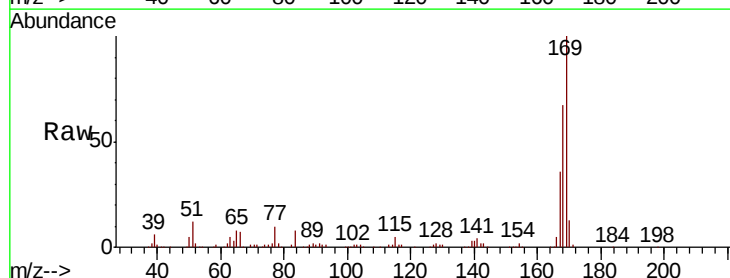


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

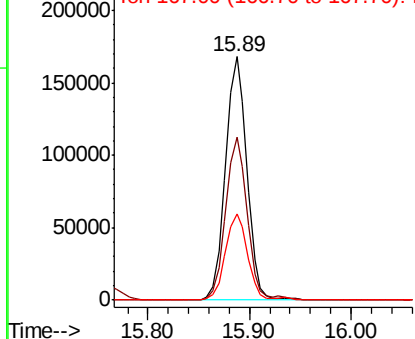
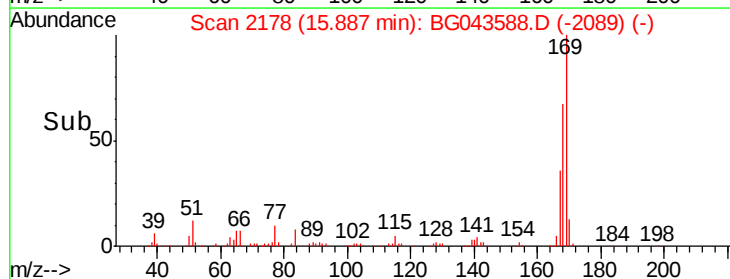


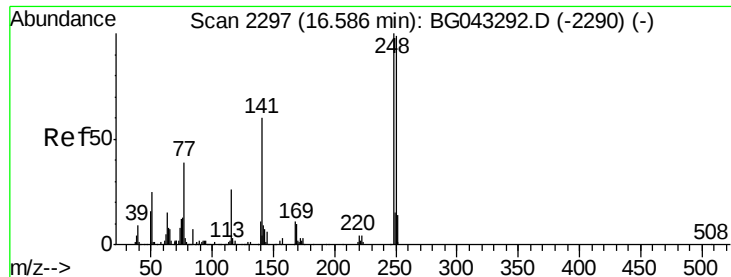
#66
 n-Nitrosodiphenylamine
 Concen: 41.008 ng
 RT: 15.89 min Scan# 2178
 Delta R.T. -0.01 min
 Lab File: BG043588.D
 Acq: 11 Nov 2019 18:02

Tgt Ion	Ratio	Lower	Upper
169	100		
168	67.2	53.8	80.6
167	35.6	27.5	41.3



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

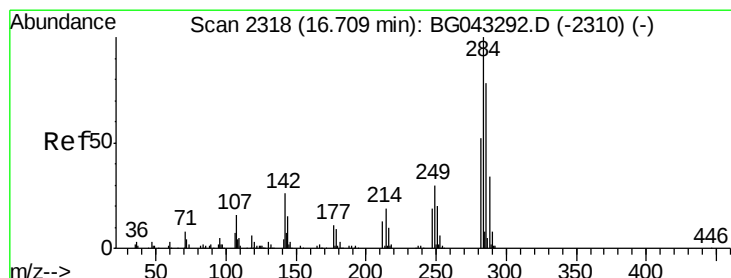
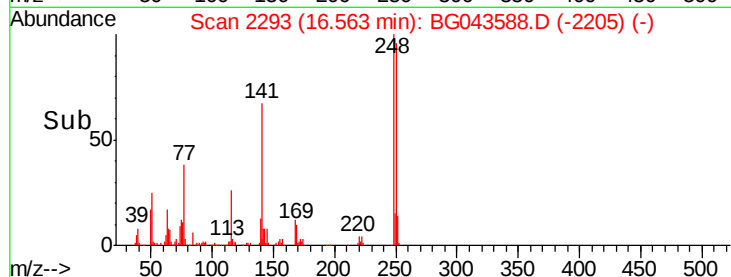
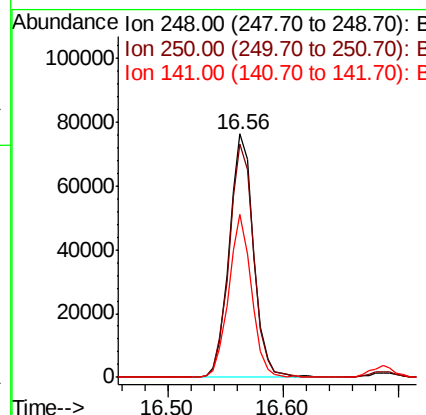
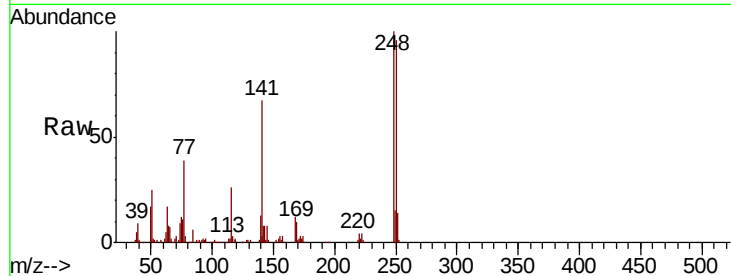




#67
 4-Bromophenyl-phenylether
 Concen: 38.744 ng
 RT: 16.56 min Scan# 2293
 Delta R.T. -0.01 min
 Lab File: BG043588.D
 Acq: 11 Nov 2019 18:02

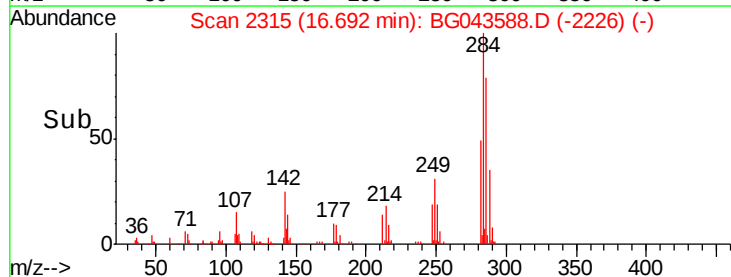
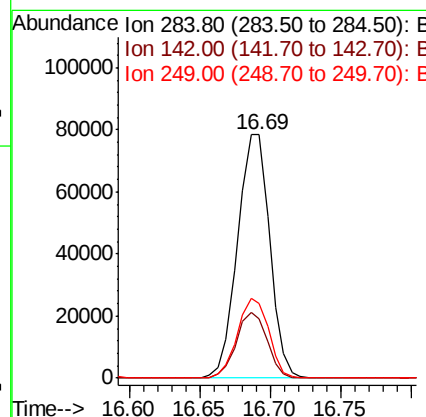
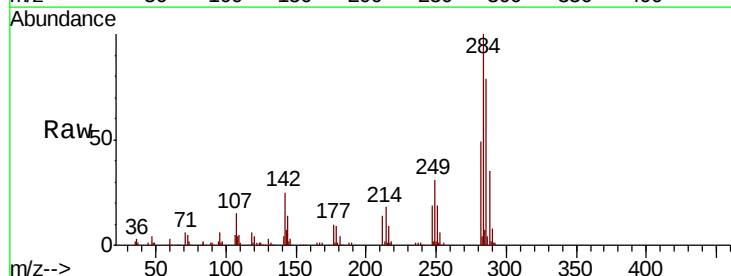
Instrument :
 BNA_G
 ClientSampleId :
 PB124674BS

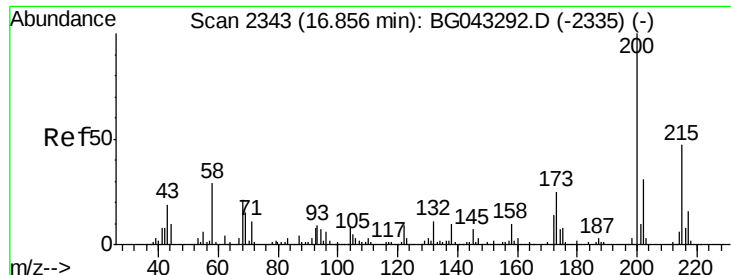
Tot Ion	Ratio	Lower	Upper
248	100		
250	96.1	77.0	115.4
141	66.9	47.5	71.3



#68
 Hexachlorobenzene
 Concen: 38.089 ng
 RT: 16.69 min Scan# 2315
 Delta R.T. -0.01 min
 Lab File: BG043588.D
 Acq: 11 Nov 2019 18:02

Tgt Ion	Ratio	Lower	Upper
284	100		
142	24.5	19.8	29.8
249	30.9	23.8	35.6





#69

Atrazine

Concen: 54.224 ng

RT: 16.83 min Scan# 2339

Delta R.T. -0.01 min

Lab File: BG043588.D

Acq: 11 Nov 2019 18:02

Instrument :

BNA_G

ClientSampleId :

PB124674BS

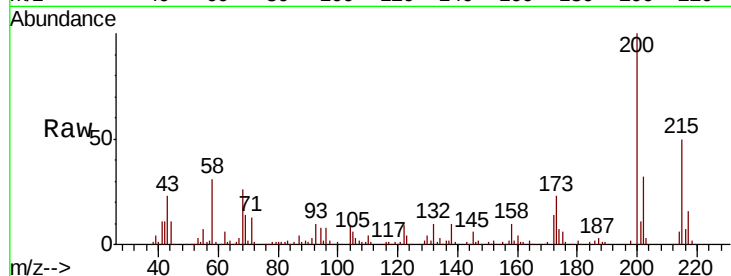
Tot Ion:200 Resp: 112975

Ion Ratio Lower Upper

200 100

173 22.9 4.7 44.7

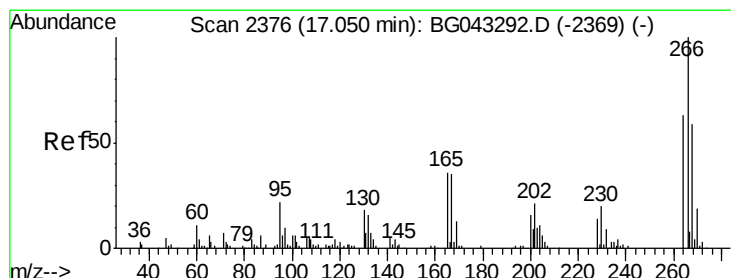
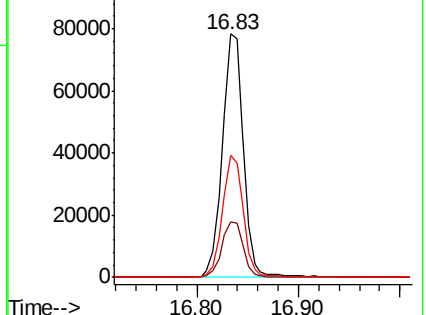
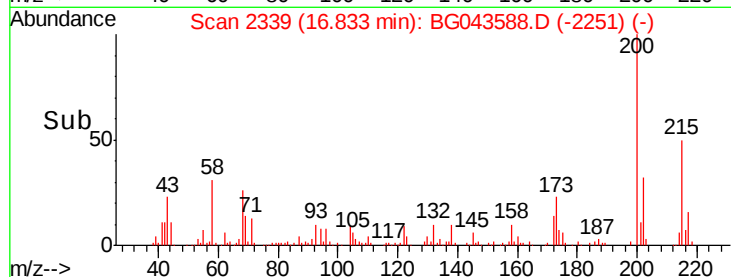
215 50.2 28.5 68.5



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: 85.608 ng

RT: 17.04 min Scan# 2374

Delta R.T. -0.01 min

Lab File: BG043588.D

Acq: 11 Nov 2019 18:02

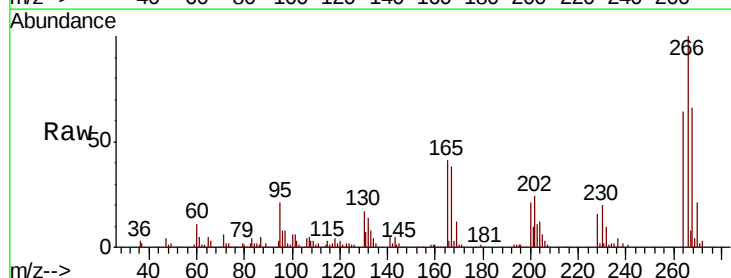
Tgt Ion:266 Resp: 127980

Ion Ratio Lower Upper

266 100

268 65.8 50.4 75.6

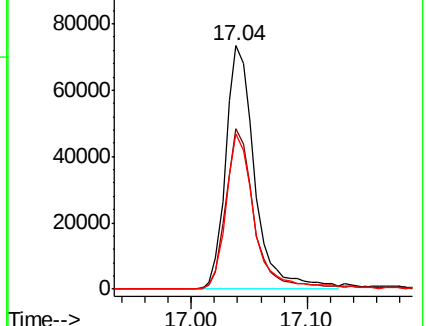
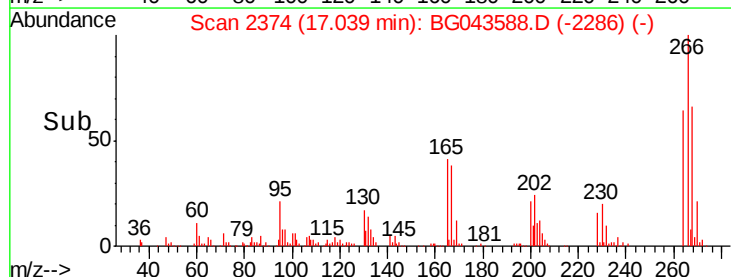
264 63.5 48.9 73.3

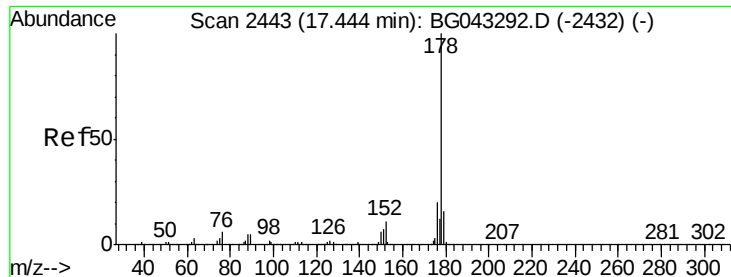


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

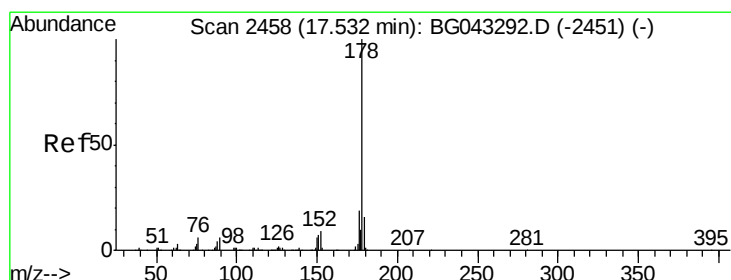
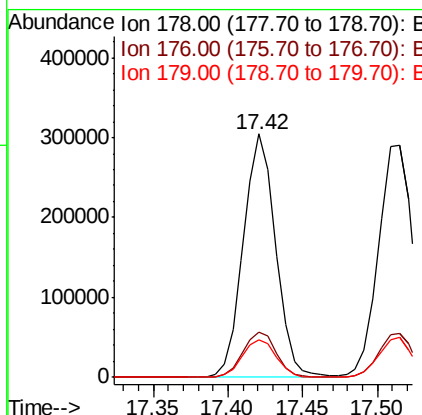
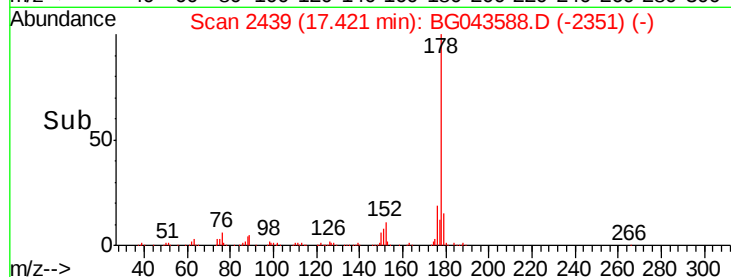
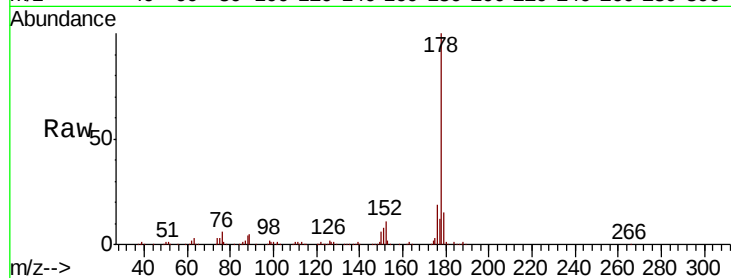




#71
Phenanthrene
Concen: 41.944 ng
RT: 17.42 min Scan# 2439
Delta R.T. -0.01 min
Lab File: BG043588.D
Acq: 11 Nov 2019 18:02

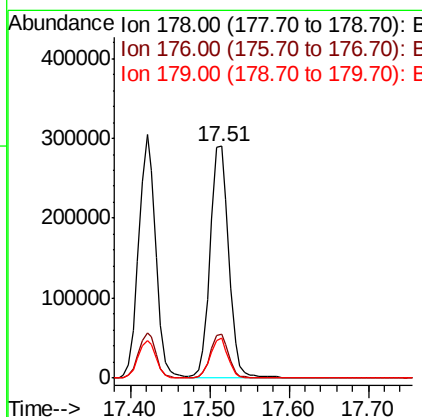
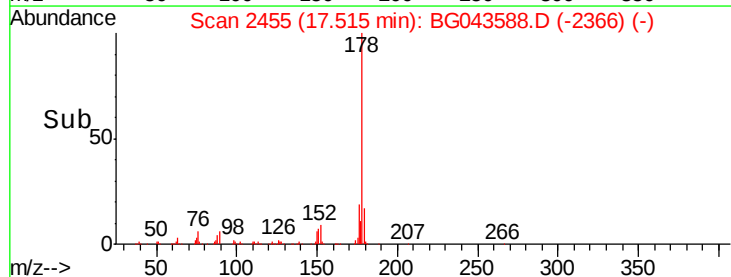
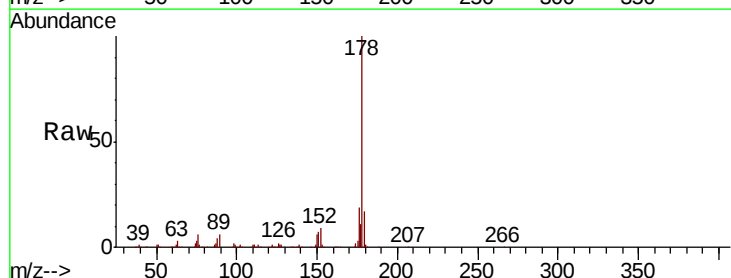
Instrument :
BNA_G
ClientSampleId :
PB124674BS

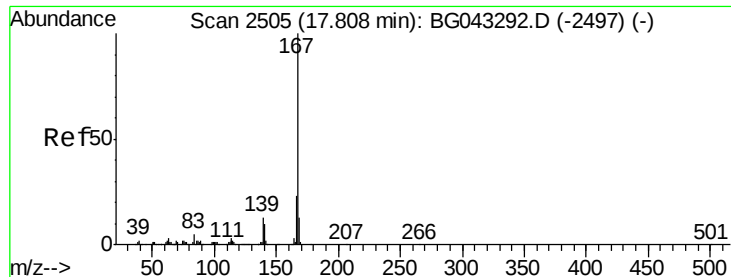
Tot Ion:178 Resp: 456159
Ion Ratio Lower Upper
178 100
176 18.7 15.4 23.0
179 15.4 13.0 19.6



#72
Anthracene
Concen: 43.673 ng
RT: 17.51 min Scan# 2455
Delta R.T. -0.01 min
Lab File: BG043588.D
Acq: 11 Nov 2019 18:02

Tgt Ion:178 Resp: 475212
Ion Ratio Lower Upper
178 100
176 18.9 15.5 23.3
179 17.1 13.7 20.5

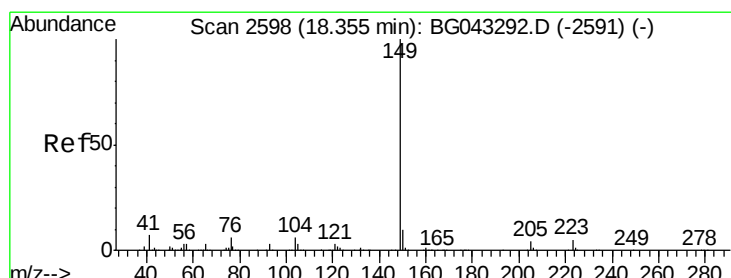
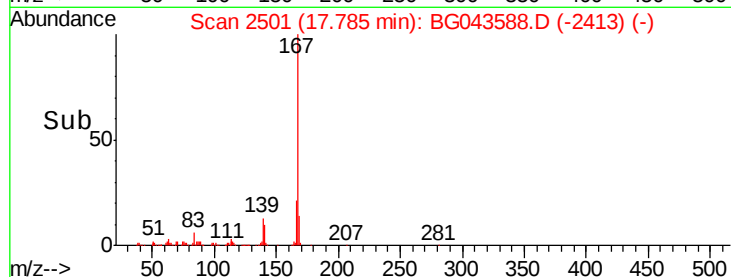
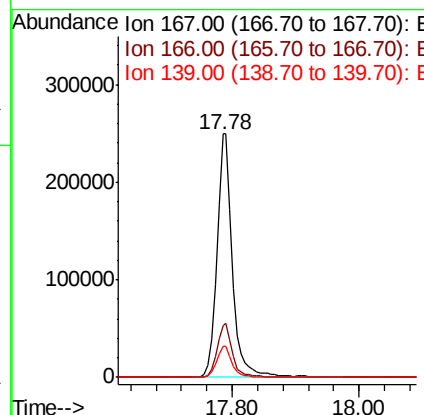
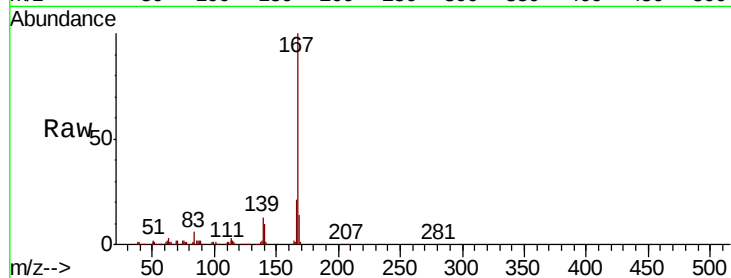




#73
 Carbazole
 Concen: 44.144 ng
 RT: 17.78 min Scan# 2501
 Delta R.T. -0.01 min
 Lab File: BG043588.D
 Acq: 11 Nov 2019 18:02

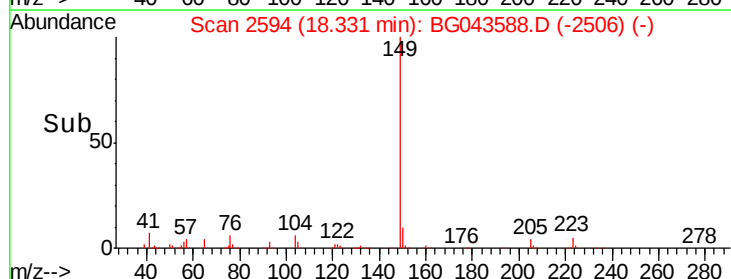
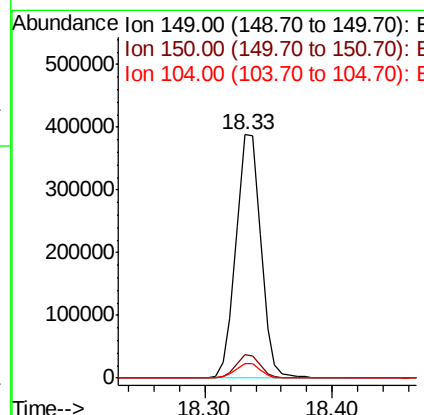
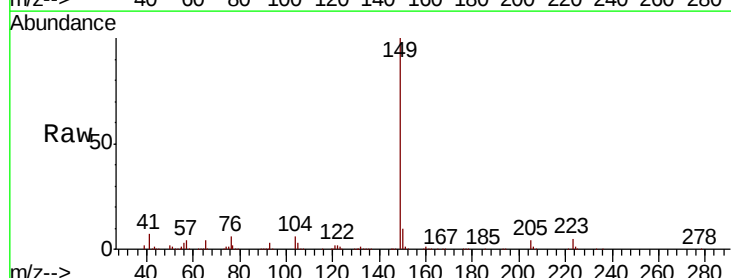
Instrument :
 BNA_G
 ClientSampleId :
 PB124674BS

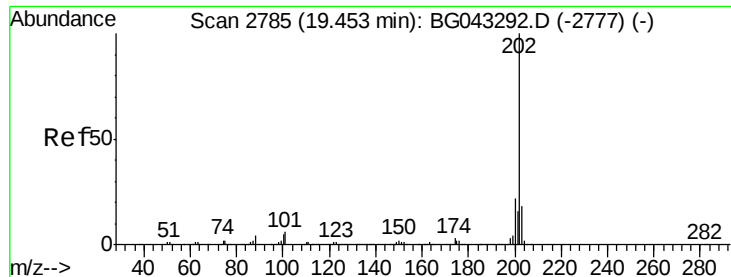
Tot Ion	Ratio	Lower	Upper
167	100		
166	21.3	18.7	28.1
139	12.8	10.0	15.0



#74
 Di-n-butylphthalate
 Concen: 43.876 ng
 RT: 18.33 min Scan# 2594
 Delta R.T. -0.01 min
 Lab File: BG043588.D
 Acq: 11 Nov 2019 18:02

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.6	8.0	12.0
104	6.0	4.4	6.6





#75

Fluoranthene

Concen: 45.572 ng

RT: 19.43 min Scan# 2781

Delta R.T. -0.01 min

Lab File: BG043588.D

Acq: 11 Nov 2019 18:02

Instrument :

BNA_G

ClientSampleId :

PB124674BS

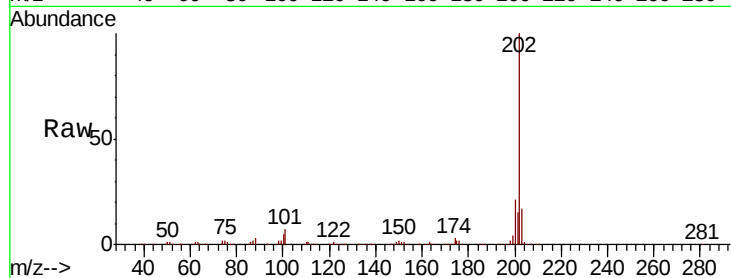
Tot Ion:202 Resp: 646138

Ion Ratio Lower Upper

202 100

101 7.0 0.0 26.3

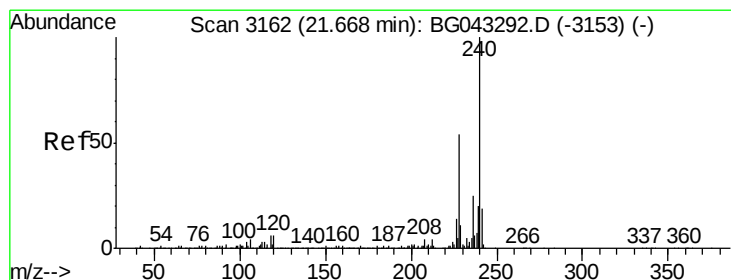
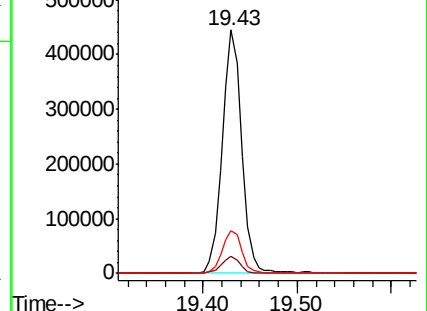
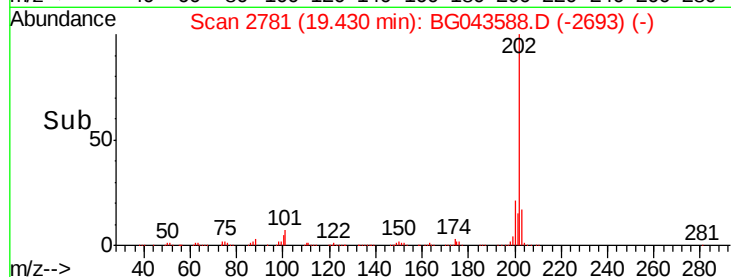
203 17.4 0.0 37.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.65 min Scan# 3158

Delta R.T. -0.01 min

Lab File: BG043588.D

Acq: 11 Nov 2019 18:02

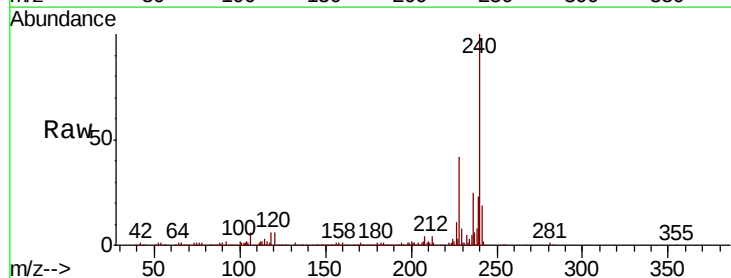
Tgt Ion:240 Resp: 227294

Ion Ratio Lower Upper

240 100

120 5.8 4.6 6.8

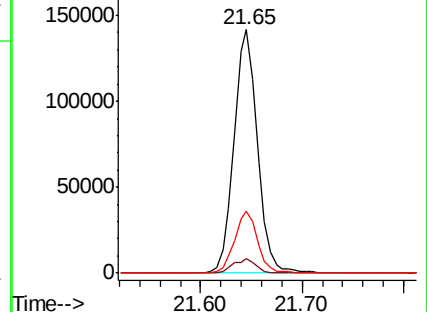
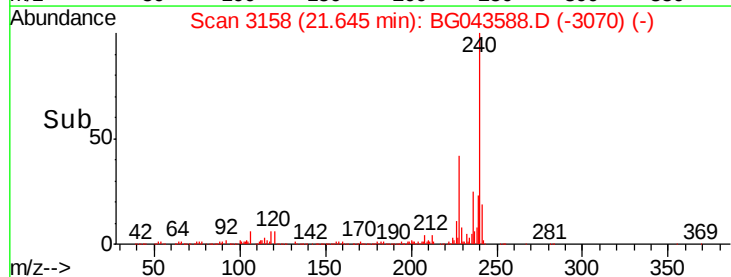
236 25.4 19.8 29.8

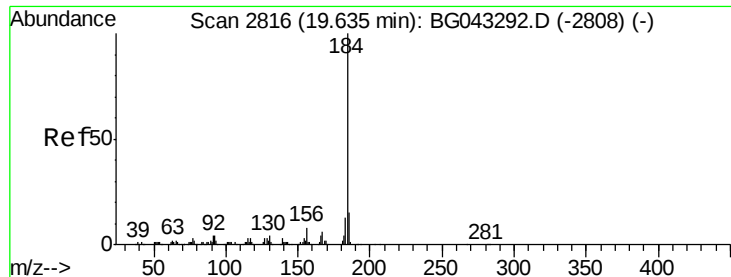


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 59.812 ng

RT: 19.61 min Scan# 2812

Delta R.T. -0.01 min

Lab File: BG043588.D

Acq: 11 Nov 2019 18:02

Instrument :

BNA_G

ClientSampleId :

PB124674BS

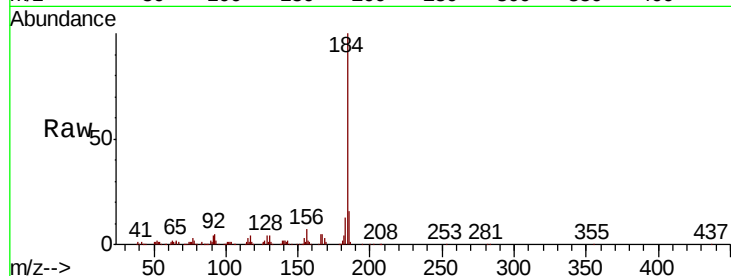
Tot Ion:184 Resp: 273603

Ion Ratio Lower Upper

184 100

185 15.5 11.0 16.4

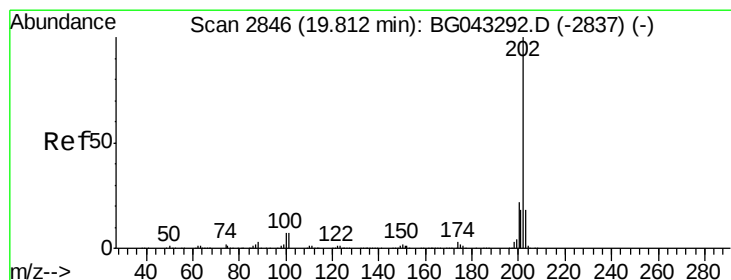
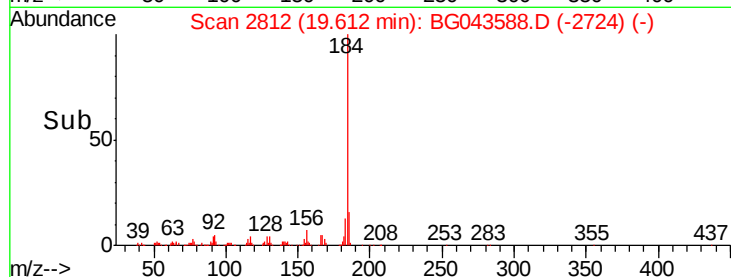
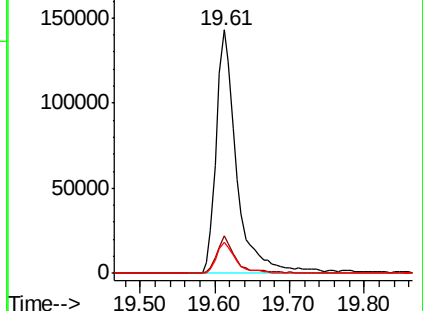
183 12.6 10.0 15.0



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: 46.326 ng

RT: 19.79 min Scan# 2843

Delta R.T. -0.01 min

Lab File: BG043588.D

Acq: 11 Nov 2019 18:02

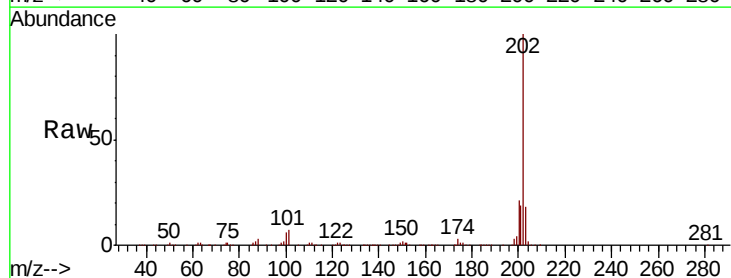
Tgt Ion:202 Resp: 651772

Ion Ratio Lower Upper

202 100

200 21.2 17.0 25.4

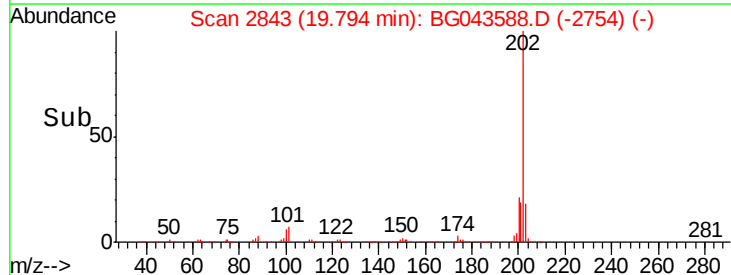
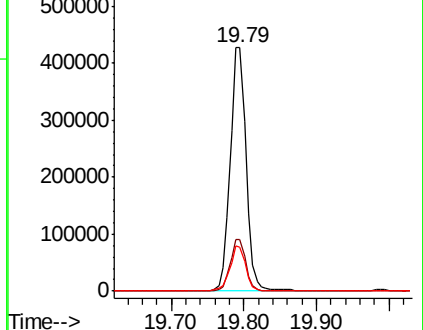
203 18.1 14.7 22.1

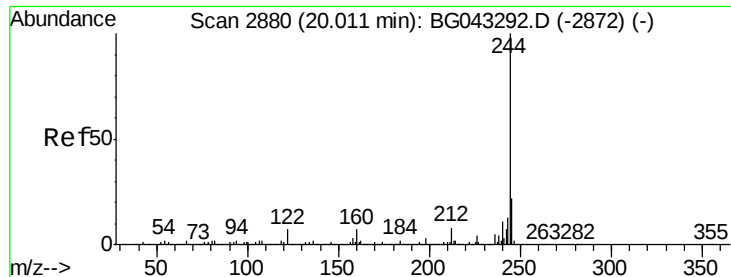


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 73.194 ng

RT: 19.99 min Scan# 2876

Delta R.T. -0.01 min

Lab File: BG043588.D

Acq: 11 Nov 2019 18:02

Instrument :

BNA_G

ClientSampleId :

PB124674BS

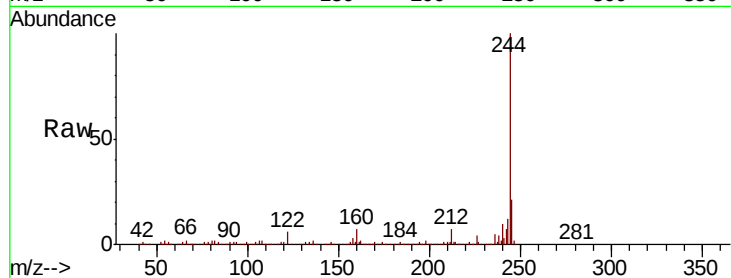
Tot Ion:244 Resp: 886781

Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.6

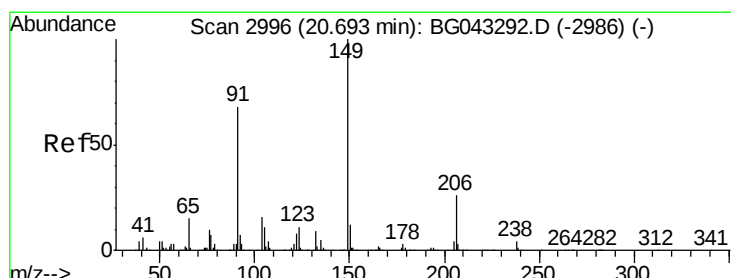
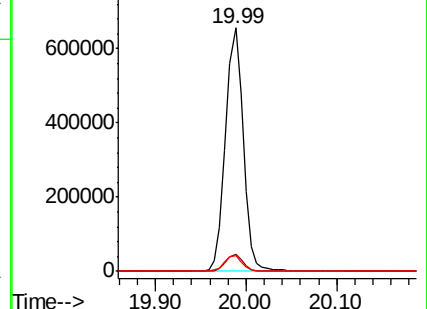
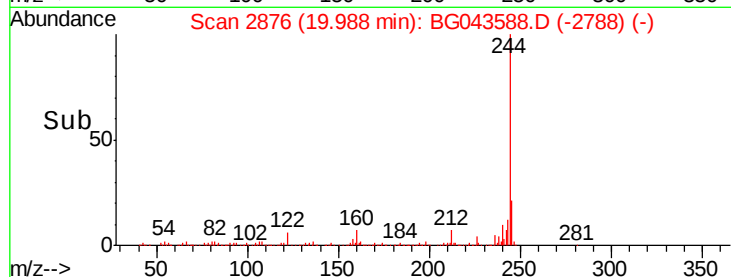
122 6.4 5.4 8.2



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: 43.743 ng

RT: 20.68 min Scan# 2993

Delta R.T. -0.01 min

Lab File: BG043588.D

Acq: 11 Nov 2019 18:02

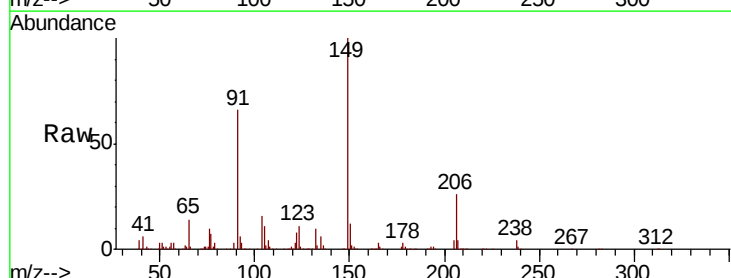
Tgt Ion:149 Resp: 233164

Ion Ratio Lower Upper

149 100

91 65.9 51.2 76.8

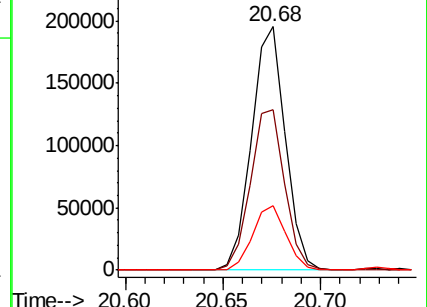
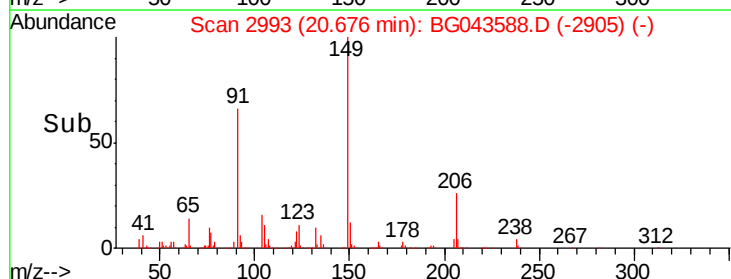
206 26.4 22.5 33.7

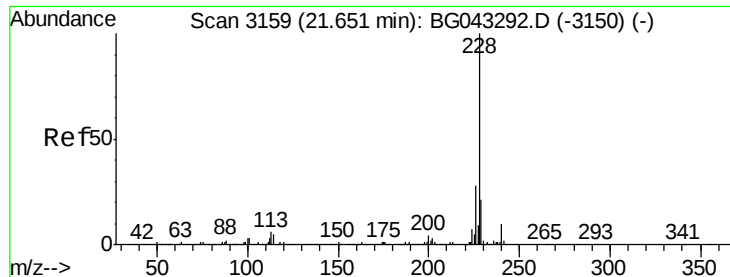


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 41.672 ng

RT: 21.63 min Scan# 3155

Delta R.T. -0.01 min

Lab File: BG043588.D

Acq: 11 Nov 2019 18:02

Instrument :

BNA_G

ClientSampleId :

PB124674BS

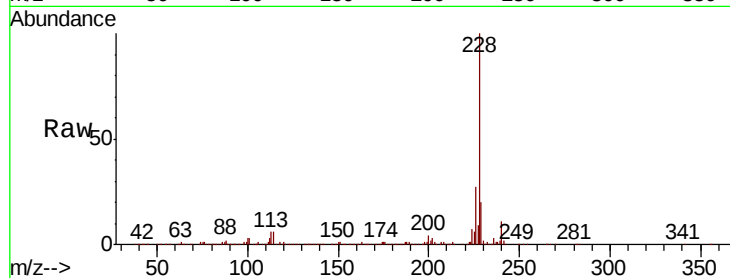
Tot Ion:228 Resp: 593301

Ion Ratio Lower Upper

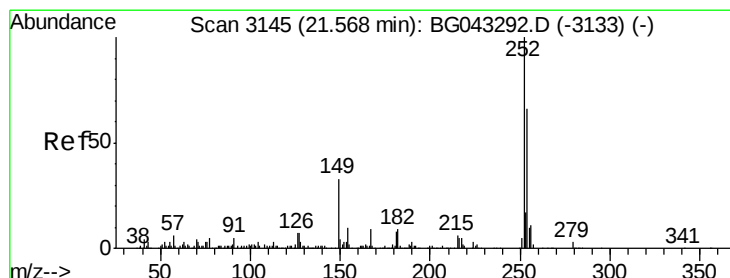
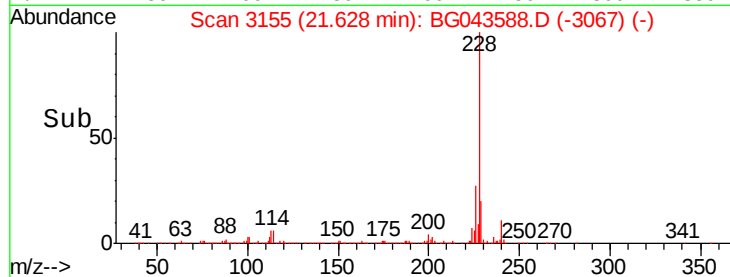
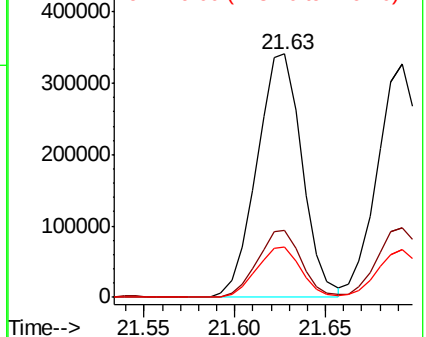
228 100

226 27.4 22.2 33.2

229 20.5 17.0 25.4



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: 26.416 ng

RT: 21.54 min Scan# 3140

Delta R.T. -0.01 min

Lab File: BG043588.D

Acq: 11 Nov 2019 18:02

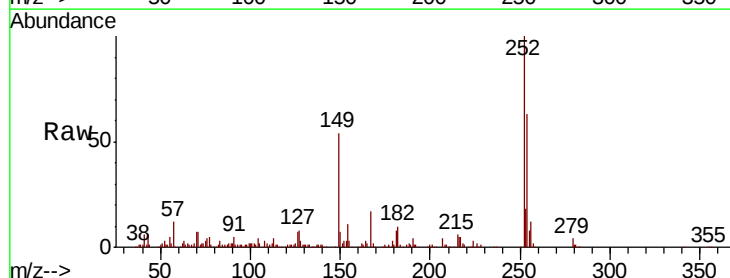
Tgt Ion:252 Resp: 145467

Ion Ratio Lower Upper

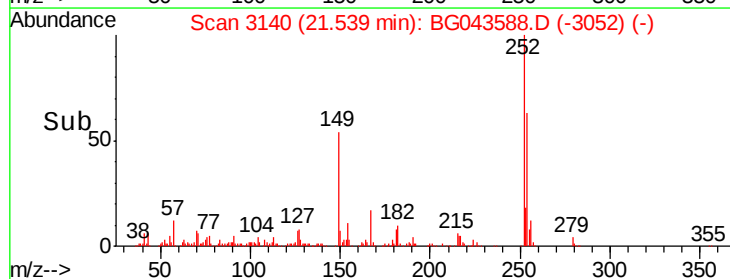
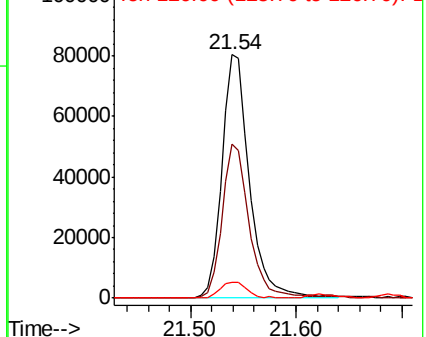
252 100

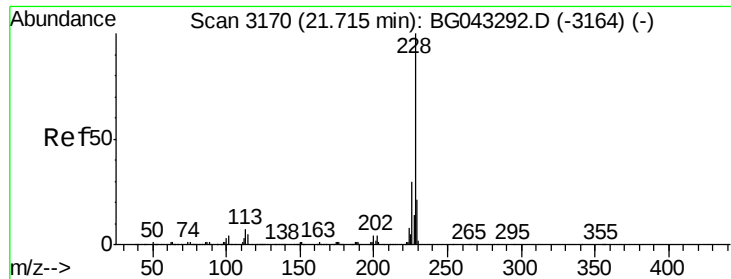
254 63.1 50.8 76.2

126 6.6 6.1 9.1



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: 39.974 ng

RT: 21.69 min Scan# 3166

Delta R.T. -0.01 min

Lab File: BG043588.D

Acq: 11 Nov 2019 18:02

Instrument :

BNA_G

ClientSampleId :

PB124674BS

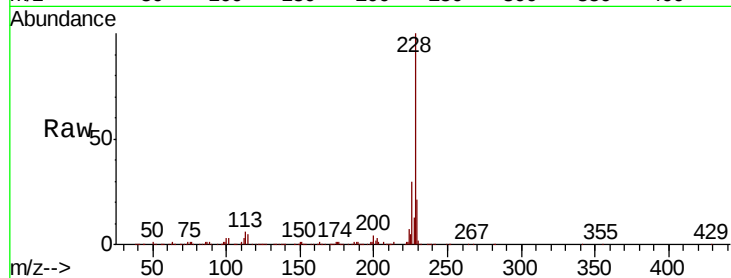
Tot Ion:228 Resp: 565474

Ion Ratio Lower Upper

228 100

226 29.9 25.1 37.7

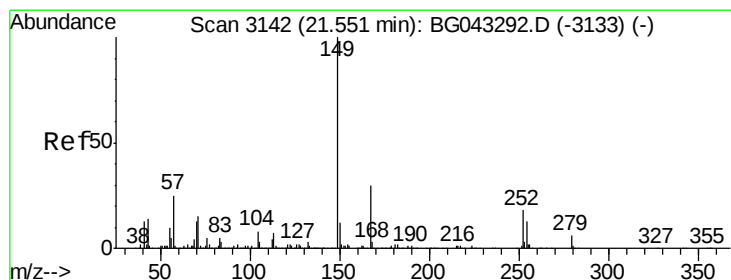
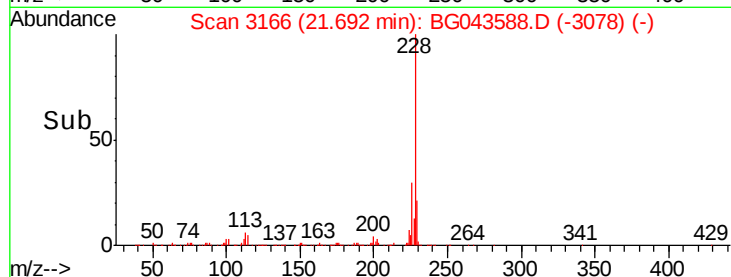
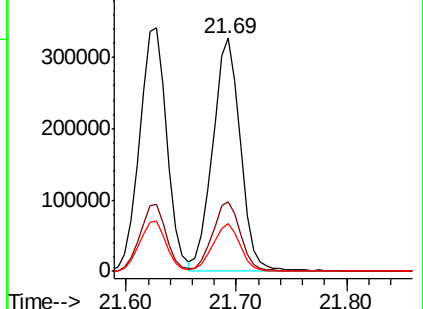
229 20.6 17.0 25.4



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: 35.956 ng

RT: 21.52 min Scan# 3137

Delta R.T. -0.02 min

Lab File: BG043588.D

Acq: 11 Nov 2019 18:02

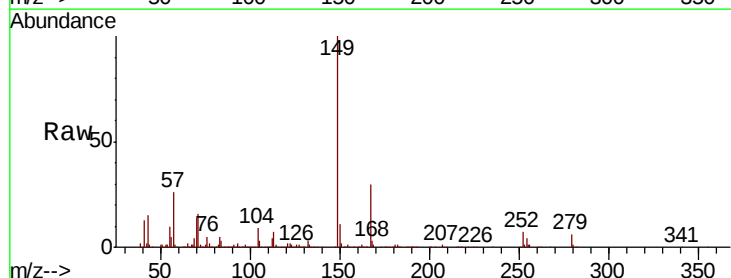
Tgt Ion:149 Resp: 272252

Ion Ratio Lower Upper

149 100

167 30.2 24.0 36.0

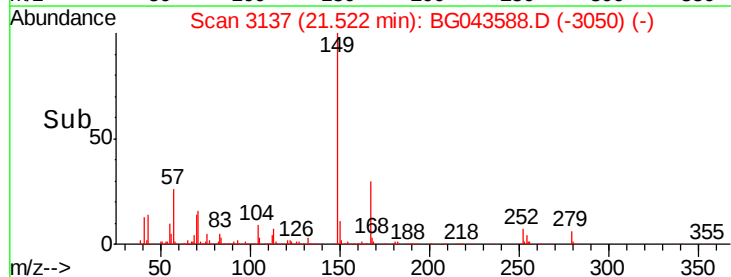
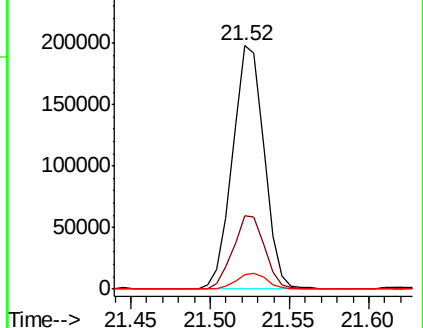
279 5.9 5.4 8.2

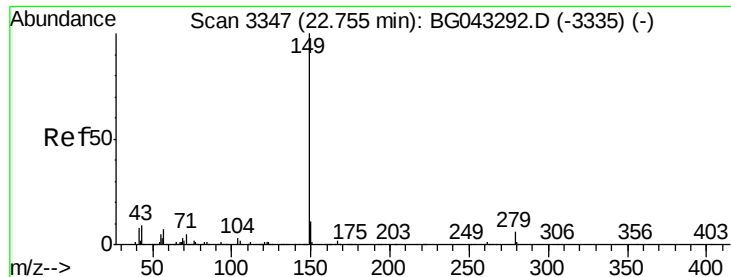


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

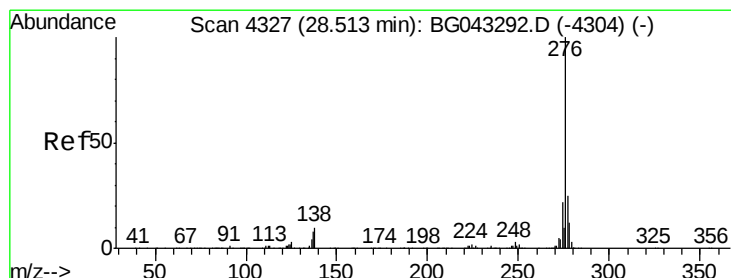
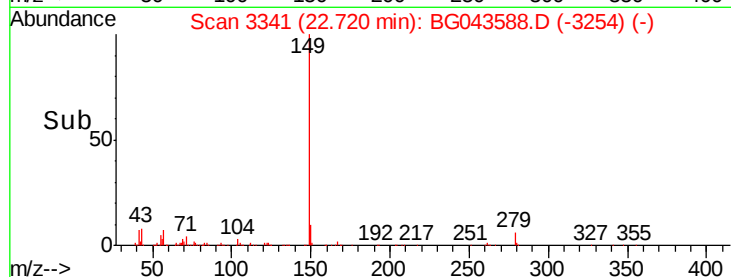
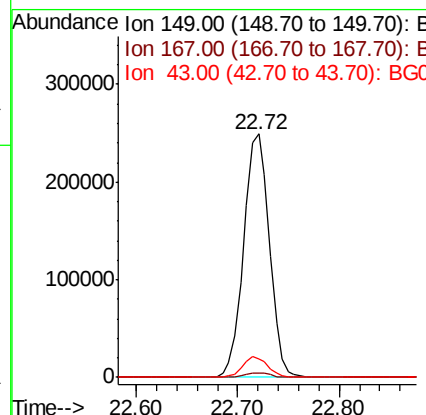
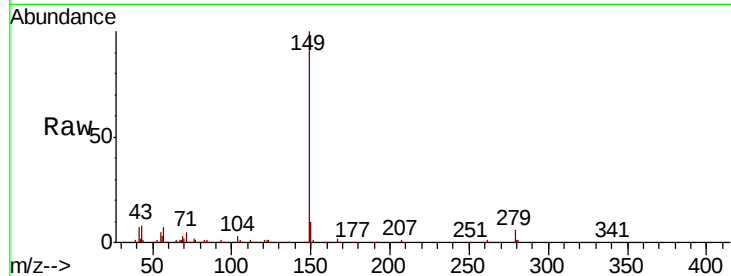




#85
Di-n-octyl phthalate
Concen: 34.245 ng
RT: 22.72 min Scan# 3341
Delta R.T. -0.02 min
Lab File: BG043588.D
Acq: 11 Nov 2019 18:02

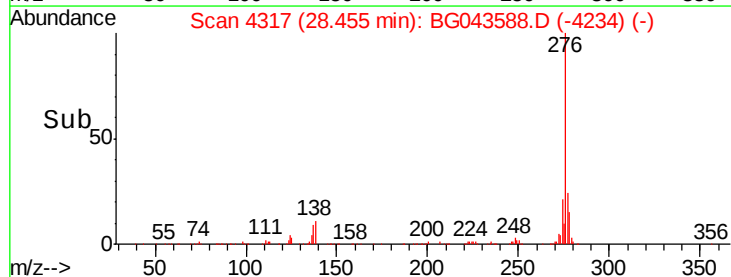
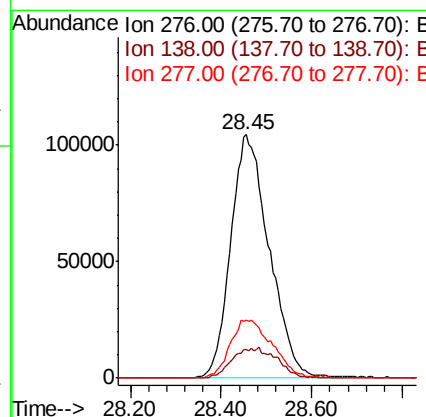
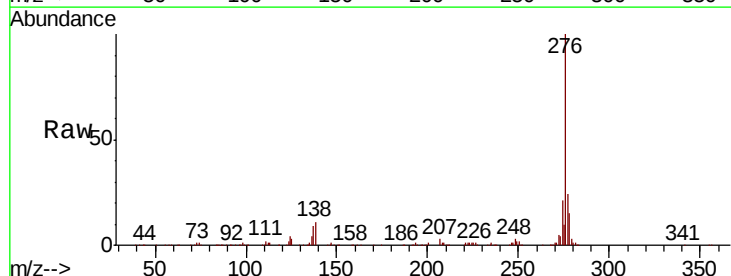
Instrument :
BNA_G
ClientSampleId :
PB124674BS

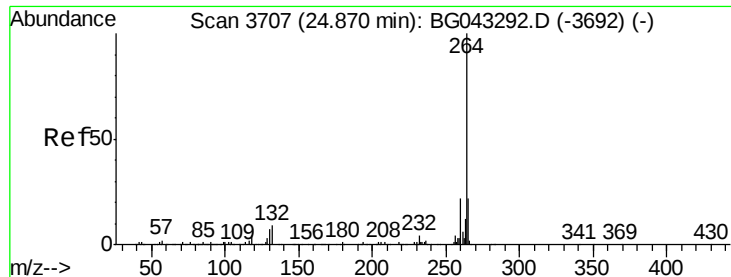
Tot Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.4	2.2
43	8.3	7.0	10.6



#86
Indeno(1,2,3-cd)pyrene
Concen: 34.712 ng
RT: 28.45 min Scan# 4317
Delta R.T. -0.04 min
Lab File: BG043588.D
Acq: 11 Nov 2019 18:02

Tgt Ion	Ratio	Lower	Upper
276	100		
138	7.2	6.8	10.2
277	26.0	20.9	31.3





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.83 min Scan# 3700

Delta R.T. -0.02 min

Lab File: BG043588.D

Acq: 11 Nov 2019 18:02

Instrument :

BNA_G

ClientSampleId :

PB124674BS

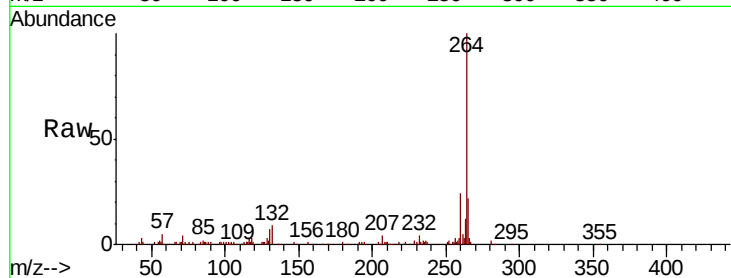
Tot Ion:264 Resp: 210949

Ion	Ratio	Lower	Upper
264	100		
260	24.3	17.5	26.3
265	21.7	17.4	26.0

264 100

260 24.3 17.5 26.3

265 21.7 17.4 26.0

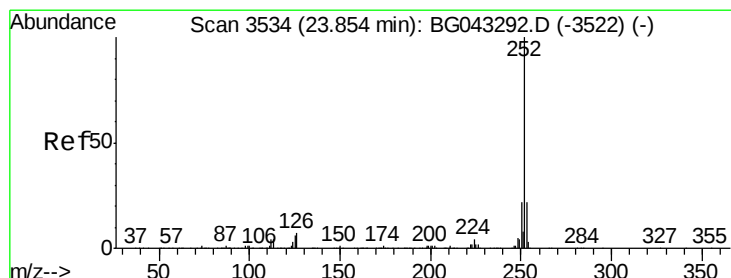
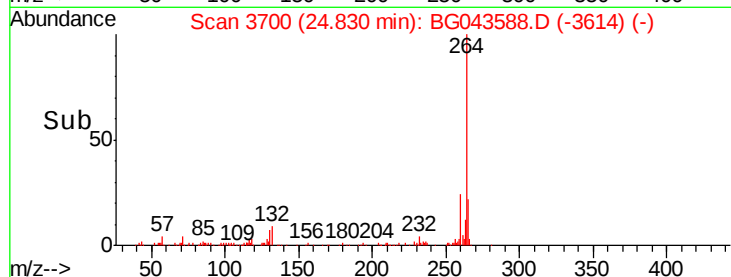
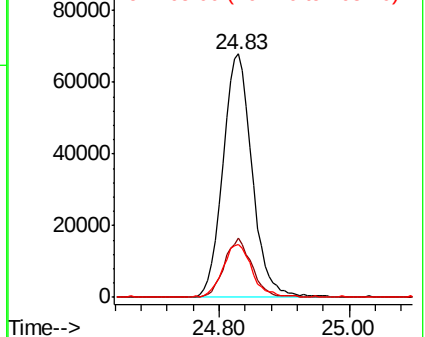


Abundance

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: 41.418 ng

RT: 23.82 min Scan# 3528

Delta R.T. -0.02 min

Lab File: BG043588.D

Acq: 11 Nov 2019 18:02

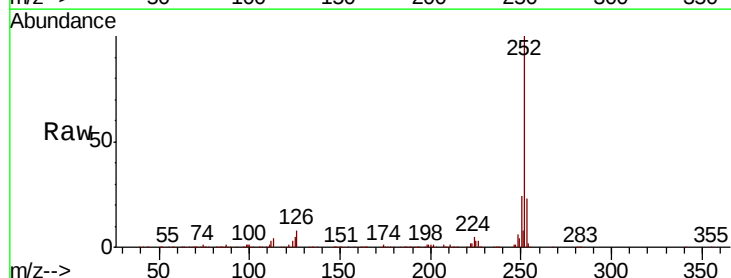
Tgt Ion:252 Resp: 494835

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.7	26.5
125	5.2	4.5	6.7

252 100

253 22.9 17.7 26.5

125 5.2 4.5 6.7

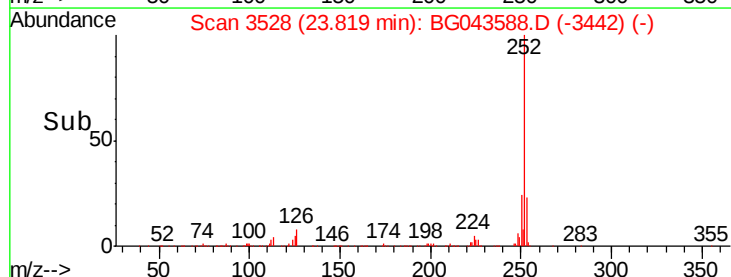
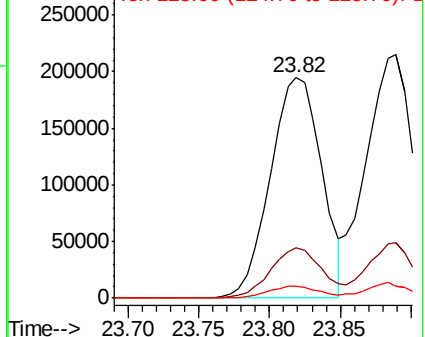


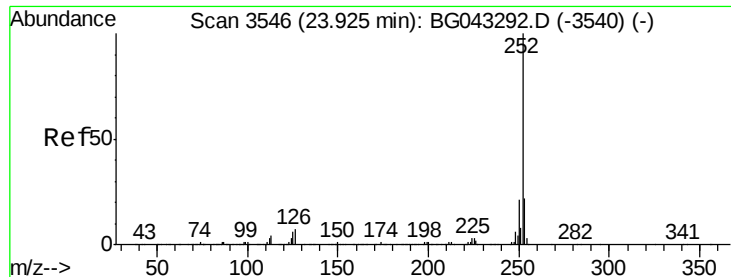
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 43.294 ng

RT: 23.89 min Scan# 3540

Delta R.T. -0.02 min

Lab File: BG043588.D

Acq: 11 Nov 2019 18:02

Instrument :

BNA_G

ClientSampleId :

PB124674BS

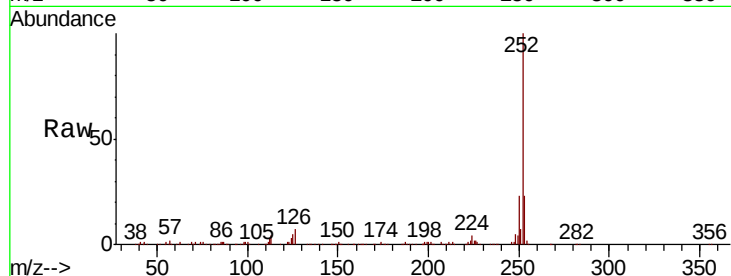
Tot Ion:252 Resp: 520729

Ion Ratio Lower Upper

252 100

253 22.6 17.3 25.9

125 5.1 4.6 6.8

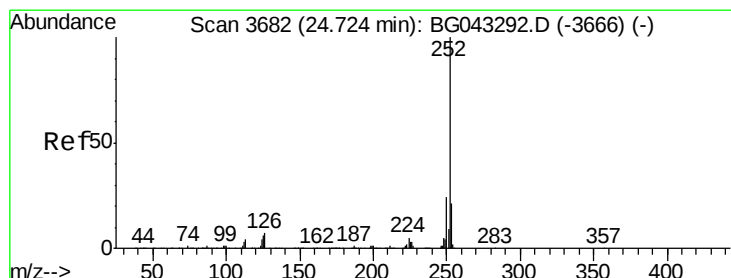
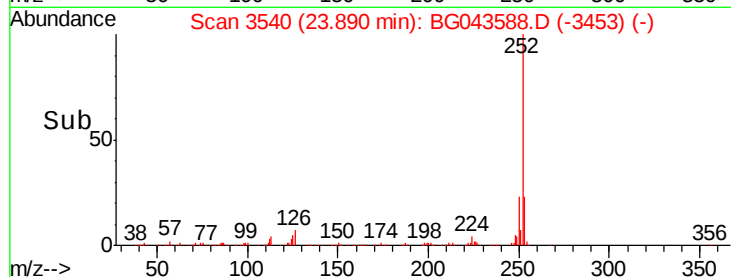
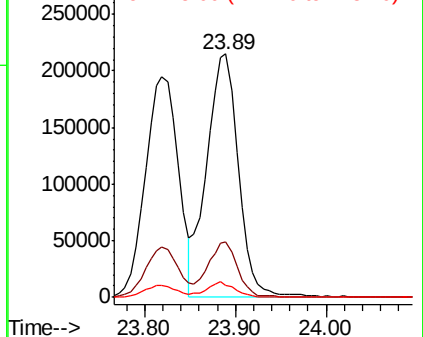


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 41.248 ng

RT: 24.68 min Scan# 3674

Delta R.T. -0.02 min

Lab File: BG043588.D

Acq: 11 Nov 2019 18:02

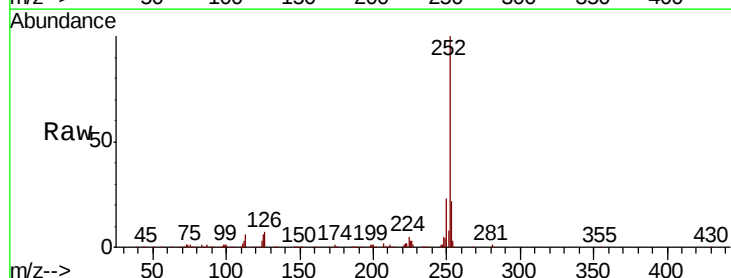
Tgt Ion:252 Resp: 470600

Ion Ratio Lower Upper

252 100

253 22.2 17.8 26.8

125 6.0 5.4 8.2

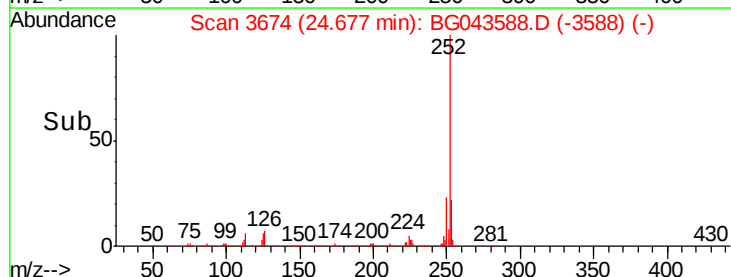
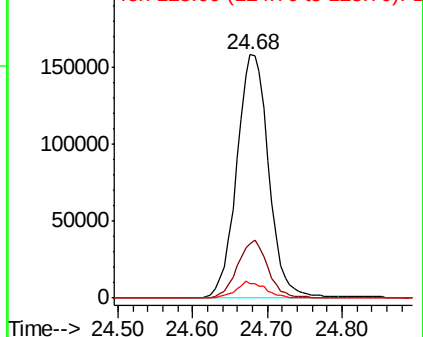


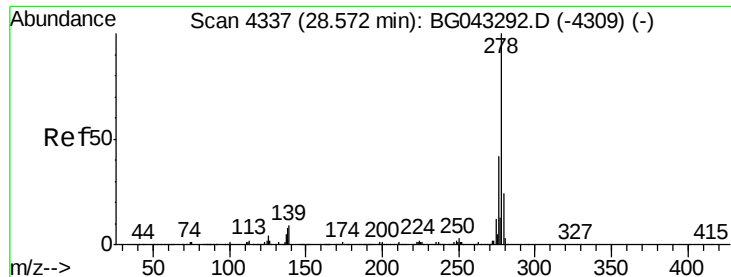
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 44.508 ng

RT: 28.51 min Scan# 4327

Delta R.T. -0.04 min

Lab File: BG043588.D

Acq: 11 Nov 2019 18:02

Instrument :

BNA_G

ClientSampleId :

PB124674BS

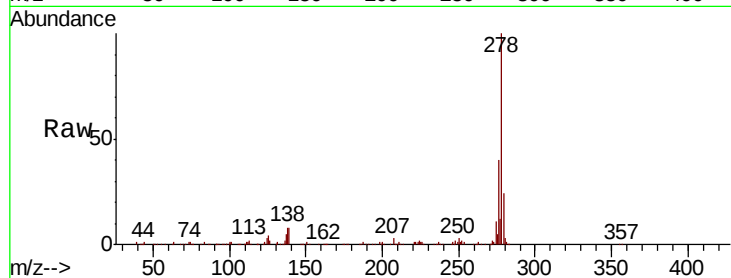
Tot Ion:278 Resp: 519398

Ion Ratio Lower Upper

278 100

139 8.4 7.4 11.0

279 24.4 19.1 28.7

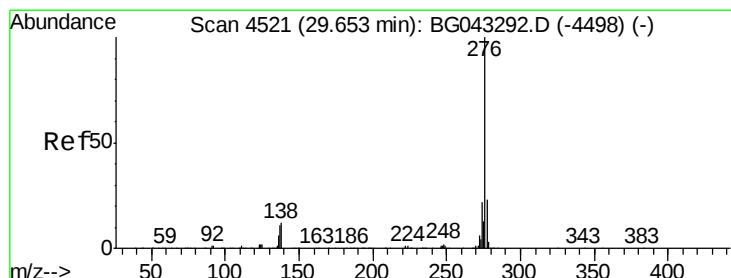
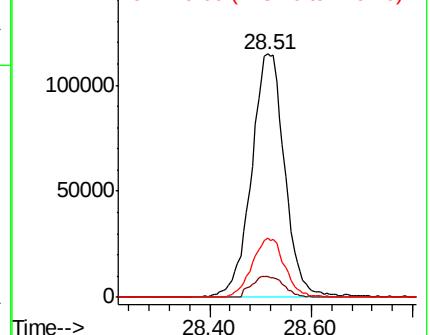
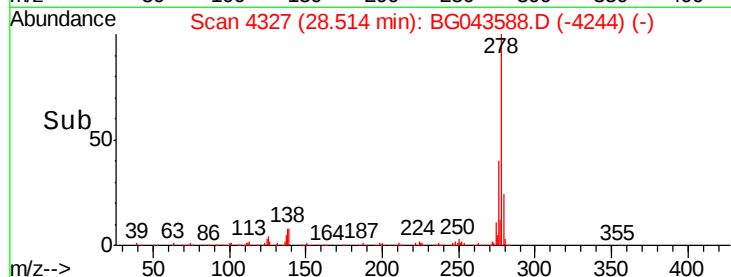


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 45.035 ng

RT: 29.59 min Scan# 4511

Delta R.T. -0.03 min

Lab File: BG043588.D

Acq: 11 Nov 2019 18:02

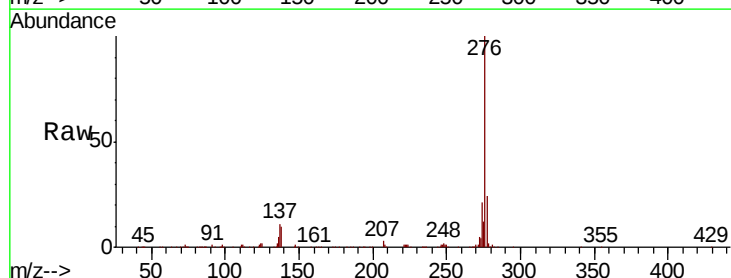
Tgt Ion:276 Resp: 518399

Ion Ratio Lower Upper

276 100

277 24.2 18.9 28.3

138 10.5 8.9 13.3



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

