

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG051820\
 Data File : BG045415.D
 Acq On : 18 May 2020 16:28
 Operator : CG/JU
 Sample : PB128957BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB128957BS

Quant Time: May 18 17:03:42 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 18 15:47:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	76624	20.00	ng	0.00
21) Naphthalene-d8	10.78	136	324708	20.00	ng	0.00
39) Acenaphthene-d10	14.61	164	233661	20.00	ng	0.00
64) Phenanthrene-d10	17.36	188	559693	20.00	ng	0.00
76) Chrysene-d12	21.62	240	514145	20.00	ng	0.00
87) Perylene-d12	24.78	264	549152	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.58	112	582892	148.67	ng	0.00
7) Phenol-d6	7.21	99	840386	150.59	ng	0.00
23) Nitrobenzene-d5	9.13	82	525763	88.30	ng	0.00
42) 2,4,6-Tribromophenol	16.11	330	392391	131.31	ng	0.00
45) 2-Fluorobiphenyl	13.23	172	1205962	87.54	ng	0.00
79) Terphenyl-d14	19.98	244	2037064	92.41	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.41	88	74580	38.359	ng	97
3) Pyridine	3.82	79	175376	32.387	ng	95
4) n-Nitrosodimethylamine	3.73	42	76774	43.328	ng	92
6) Aniline	7.30	93	284116	39.001	ng	98
8) 2-Chlorophenol	7.56	128	216062	50.251	ng	99
9) Benzaldehyde	7.10	77	152328	41.896	ng	97
10) Phenol	7.24	94	290977	50.592	ng	96
11) bis(2-Chloroethyl)ether	7.39	93	196057	43.703	ng	98
12) 1,3-Dichlorobenzene	7.86	146	226837	43.901	ng	97
13) 1,4-Dichlorobenzene	8.00	146	233663	45.825	ng	98
14) 1,2-Dichlorobenzene	8.32	146	217256	44.299	ng	98
15) Benzyl Alcohol	8.23	79	223019	48.377	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.49	45	193668	45.480	ng	92
17) 2-Methylphenol	8.47	107	202895	47.131	ng	95
18) Hexachloroethane	9.05	117	85021	43.535	ng	95
19) n-Nitroso-di-n-propylamine	8.77	70	184286	47.755	ng	98
20) 3+4-Methylphenols	8.80	107	268616	45.822	ng	# 60
22) Acetophenone	8.79	105	329362	42.797	ng	# 94
24) Nitrobenzene	9.17	77	270138	42.344	ng	95
25) Isophorone	9.70	82	508631	43.374	ng	100
26) 2-Nitrophenol	9.88	139	125235	45.889	ng	93
27) 2,4-Dimethylphenol	9.98	122	216258	53.428	ng	98
28) bis(2-Chloroethoxy)methane	10.18	93	277082	45.055	ng	# 96
29) 2,4-Dichlorophenol	10.46	162	225434	47.164	ng	94
30) 1,2,4-Trichlorobenzene	10.64	180	242677	42.967	ng	98
31) Naphthalene	10.82	128	672811	44.465	ng	99
32) Benzoic acid	10.19	122	156325	54.951	ng	95
33) 4-Chloroaniline	10.95	127	159112	25.157	ng	94
34) Hexachlorobutadiene	11.12	225	162253	40.640	ng	98
35) Caprolactam	11.72	113	43626	24.866	ng	93
36) 4-Chloro-3-methylphenol	12.12	107	265276	49.252	ng	96
37) 2-Methylnaphthalene	12.43	142	513390	45.522	ng	99
38) 1-Methylnaphthalene	12.66	142	490236	46.017	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.80	216	281686	43.160	ng	98

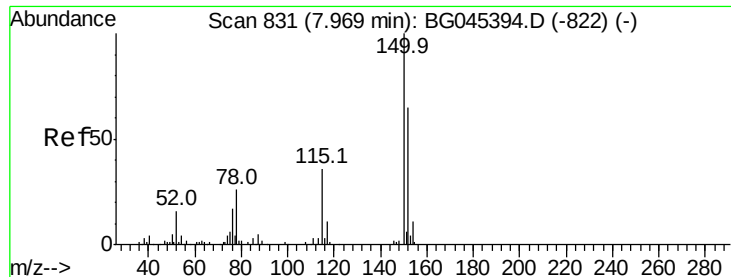
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG051820\
 Data File : BG045415.D
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 Operator : CG/JU
 Sample : PB128957BS
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 QLast Update : Mon May 18 15:47:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.79	237	392085	104.084	ng	99
43) 2,4,6-Trichlorophenol	13.06	196	206464	45.540	ng	99
44) 2,4,5-Trichlorophenol	13.16	196	220192	42.501	ng	98
46) 1,1'-Biphenyl	13.44	154	665676	46.365	ng	100
47) 2-Chloronaphthalene	13.49	162	504073	43.236	ng	98
48) 2-Nitroaniline	13.70	65	168721	43.994	ng	94
49) Acenaphthylene	14.33	152	852293	45.512	ng	99
50) Dimethylphthalate	14.07	163	706702	44.089	ng	99
51) 2,6-Dinitrotoluene	14.18	165	158940	43.943	ng	97
52) Acenaphthene	14.68	154	497446	39.683	ng	97
53) 3-Nitroaniline	14.53	138	103193	28.066	ng	91
54) 2,4-Dinitrophenol	14.73	184	177961	75.444	ng	97
55) Dibenzofuran	15.01	168	813968	43.726	ng	98
56) 4-Nitrophenol	14.91	139	251129	90.215	ng	92
57) 2,4-Dinitrotoluene	14.98	165	227641	43.457	ng	96
58) Fluorene	15.66	166	677789	44.319	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.26	232	197652	43.364	ng	99
60) Diethylphthalate	15.43	149	726869	43.568	ng	97
61) 4-Chlorophenyl-phenylether	15.65	204	370968	42.389	ng	99
62) 4-Nitroaniline	15.70	138	163027	42.472	ng	94
63) Azobenzene	15.95	77	690847	44.409	ng	98
65) 4,6-Dinitro-2-methylphenol	15.75	198	139297	42.734	ng	97
66) n-Nitrosodiphenylamine	15.87	169	614181	45.704	ng	97
67) 4-Bromophenyl-phenylether	16.55	248	257842	42.544	ng	99
68) Hexachlorobenzene	16.67	284	279083	44.027	ng	96
69) Atrazine	16.82	200	238850	43.152	ng	97
70) Pentachlorophenol	17.03	266	260210	79.058	ng	95
71) Phenanthrene	17.40	178	1102997	45.142	ng	100
72) Anthracene	17.49	178	1143797	46.615	ng	97
73) Carbazole	17.77	167	1051617	43.968	ng	100
74) Di-n-butylphthalate	18.33	149	1259486	43.873	ng	99
75) Fluoranthene	19.41	202	1379076	44.374	ng	98
77) Benzidine	19.60	184	712335	49.331	ng	98
78) Pyrene	19.77	202	1363525	46.523	ng	97
80) Butylbenzylphthalate	20.66	149	561774	44.407	ng	99
81) Benzo(a)anthracene	21.60	228	1284949	44.863	ng	97
82) 3,3'-Dichlorobenzidine	21.52	252	328553	29.244	ng	98
83) Chrysene	21.67	228	1241549	45.082	ng	99
84) Bis(2-ethylhexyl)phthalate	21.52	149	771490	44.365	ng	100
85) Di-n-octyl phthalate	22.71	149	1297993	43.459	ng	100
86) Indeno(1,2,3-cd)pyrene	28.37	276	1556938	43.233	ng	# 95
88) Benzo(b)fluoranthene	23.78	252	1322936	44.919	ng	99
89) Benzo(k)fluoranthene	23.85	252	1325840	47.917	ng	99
90) Benzo(a)pyrene	24.64	252	1233794	44.981	ng	# 96
91) Dibenzo(a,h)anthracene	28.43	278	1284525	46.602	ng	100
92) Benzo(g,h,i)perylene	29.49	276	1294468	46.957	ng	98

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

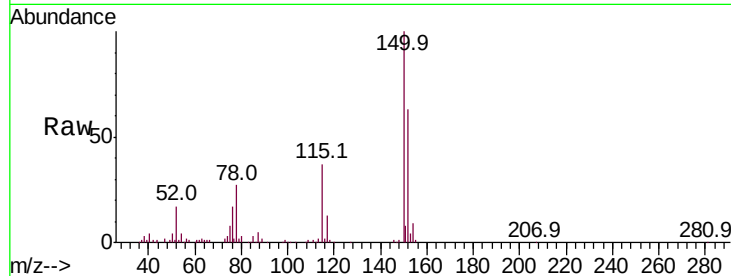


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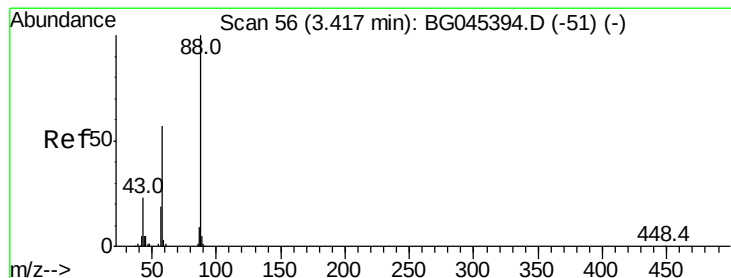
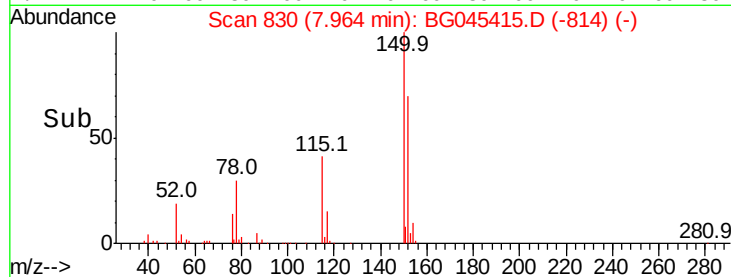
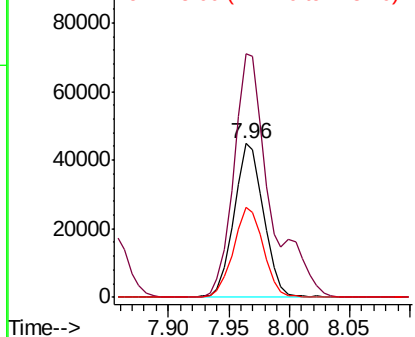
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.96 min Scan# 830
Delta R.T. -0.01 min
Lab File: BG045415.D
Acq: 18 May 2020 16:28

Instrument :
BNA_G
ClientSampleId :
PB128957BS

Tot Ion:152 Resp: 76624
Ion Ratio Lower Upper
152 100
150 158.4 122.4 183.6
115 58.5 44.2 66.4



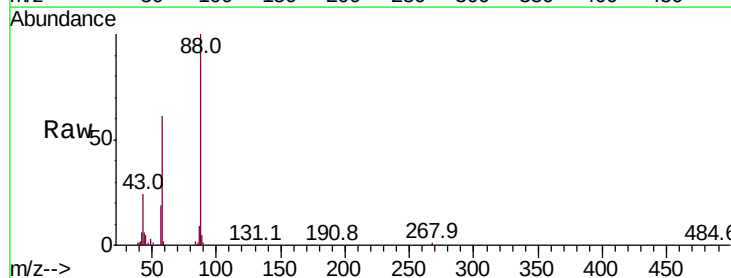
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



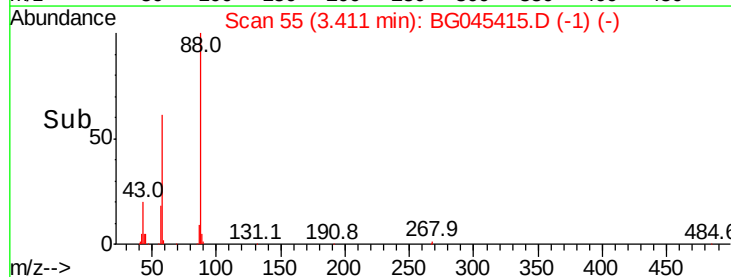
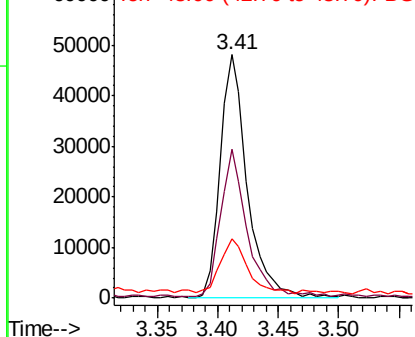
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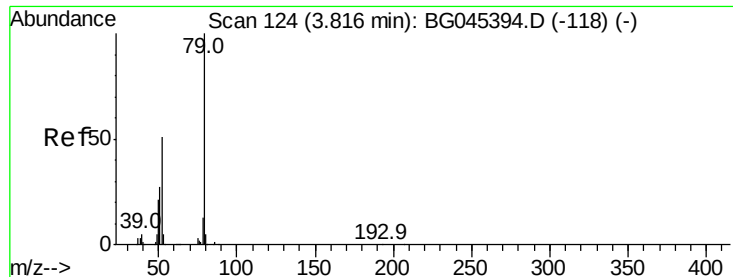
1,4-Dioxane
Concen: 38.359 ng
RT: 3.41 min Scan# 55
Delta R.T. -0.01 min
Lab File: BG045415.D
Acq: 18 May 2020 16:28

Tgt Ion: 88 Resp: 74580
Ion Ratio Lower Upper
88 100
58 59.2 45.7 68.5
43 23.4 16.8 25.2



Abundance Ion 88.00 (87.70 to 88.70): BGC
Ion 58.00 (57.70 to 58.70): BGC
Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 32.387 ng

RT: 3.82 min Scan# 124

Delta R.T. 0.00 min

Lab File: BG045415.D

Acq: 18 May 2020 16:28

Instrument :

BNA_G

ClientSampleId :

PB128957BS

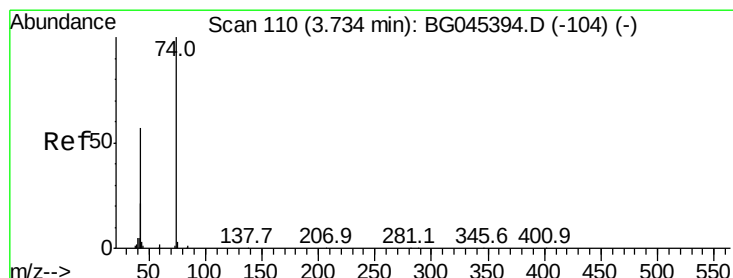
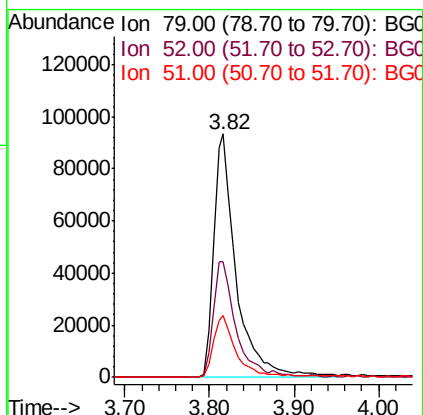
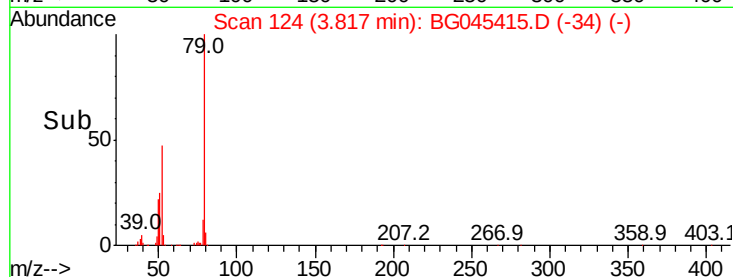
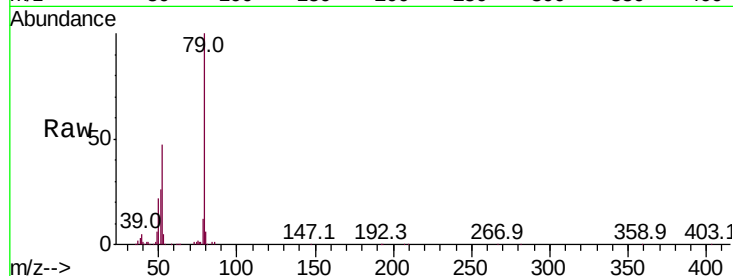
Tot Ion: 79 Resp: 175376

Ion Ratio Lower Upper

79 100

52 47.4 40.8 61.2

51 25.5 21.9 32.9



#4

n-Nitrosodimethylamine

Concen: 43.328 ng

RT: 3.73 min Scan# 109

Delta R.T. 0.00 min

Lab File: BG045415.D

Acq: 18 May 2020 16:28

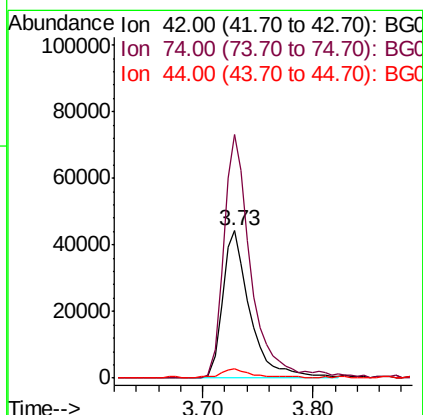
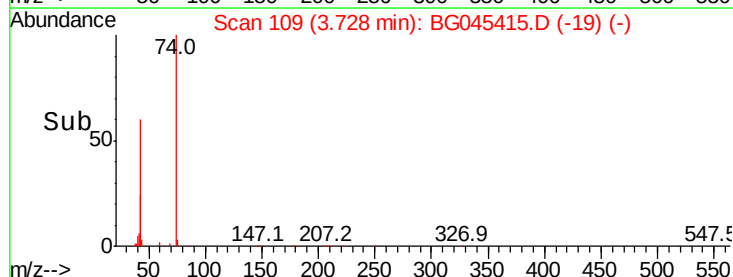
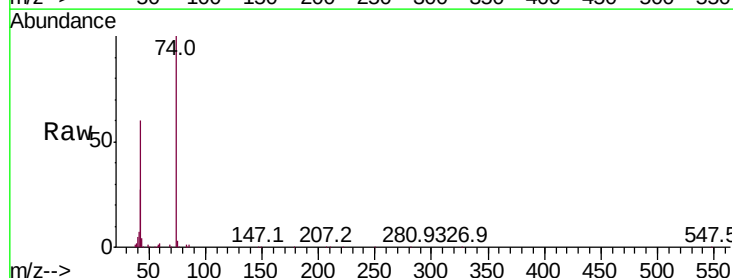
Tgt Ion: 42 Resp: 76774

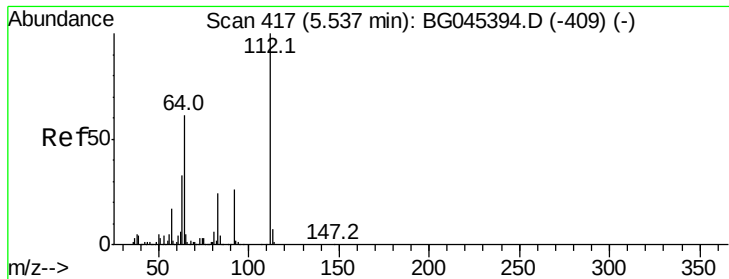
Ion Ratio Lower Upper

42 100

74 165.5 141.3 211.9

44 6.0 4.2 6.4





#5

2-Fluorophenol

Concen: 148.667 ng

RT: 5.58 min Scan# 425

Delta R.T. 0.00 min

Lab File: BG045415.D

Acq: 18 May 2020 16:28

Instrument :

BNA_G

ClientSampleId :

PB128957BS

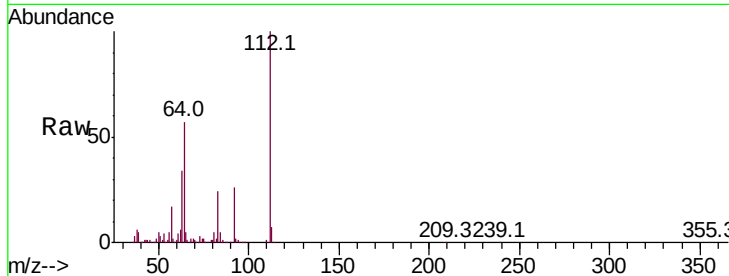
Tot Ion:112 Resp: 582892

Ion Ratio Lower Upper

112 100

64 57.5 48.6 72.8

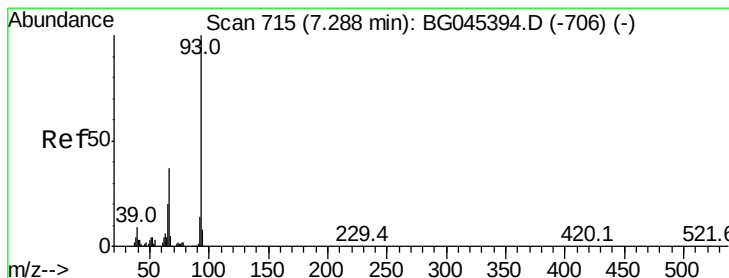
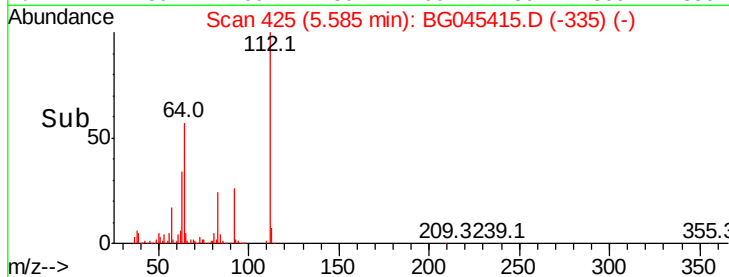
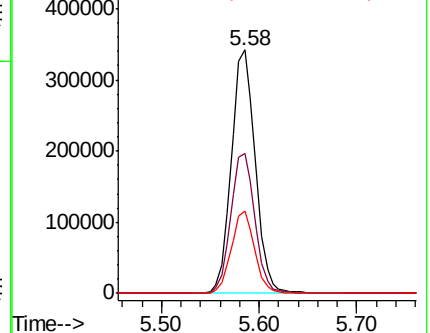
63 33.6 26.5 39.7



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 39.001 ng

RT: 7.30 min Scan# 717

Delta R.T. -0.01 min

Lab File: BG045415.D

Acq: 18 May 2020 16:28

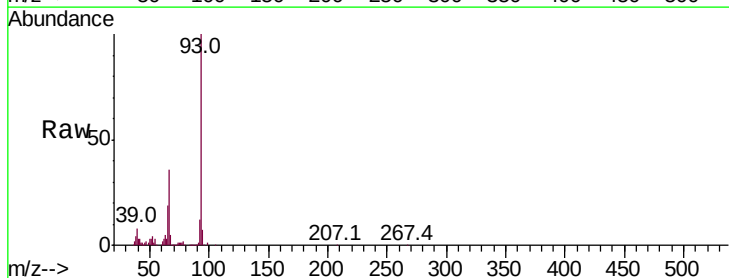
Tgt Ion: 93 Resp: 284116

Ion Ratio Lower Upper

93 100

66 36.1 29.6 44.4

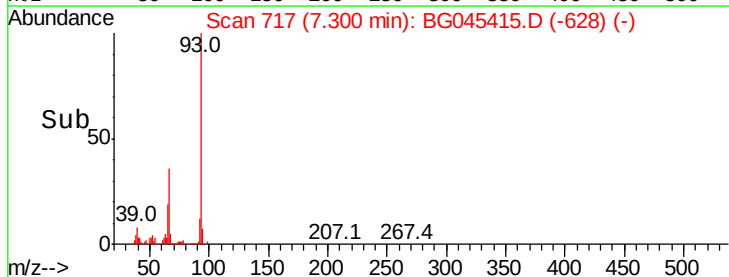
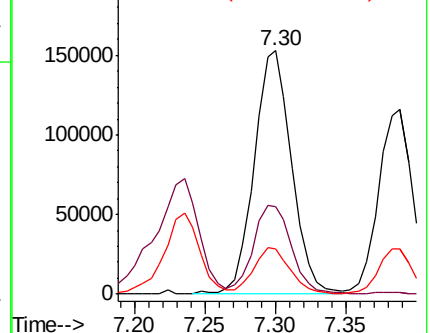
65 18.6 15.9 23.9

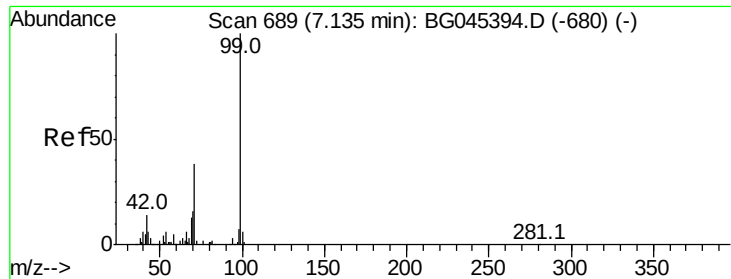


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 150.594 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.01 min

Lab File: BG045415.D

Acq: 18 May 2020 16:28

Instrument :

BNA_G

ClientSampleId :

PB128957BS

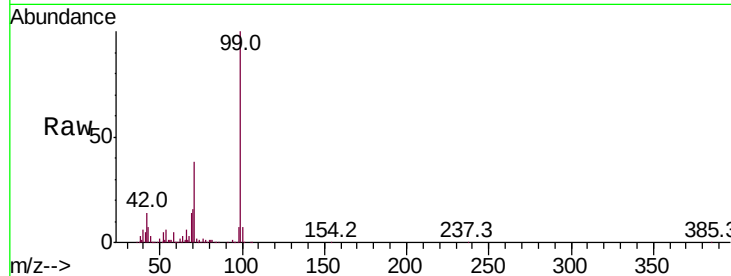
Tot Ion: 99 Resp: 840386

Ion Ratio Lower Upper

99 100

42 14.3 11.3 16.9

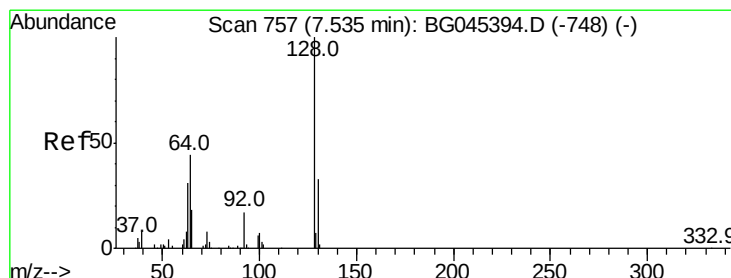
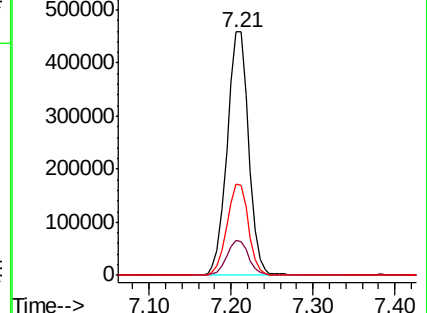
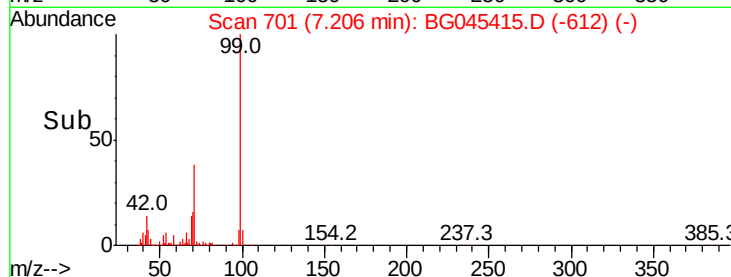
71 37.6 30.8 46.2



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: 50.251 ng

RT: 7.56 min Scan# 761

Delta R.T. 0.00 min

Lab File: BG045415.D

Acq: 18 May 2020 16:28

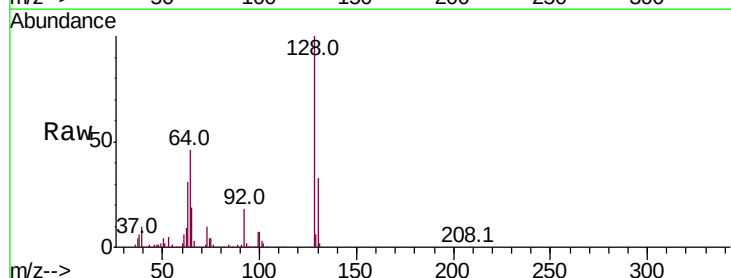
Tgt Ion: 128 Resp: 216062

Ion Ratio Lower Upper

128 100

130 32.8 12.6 52.6

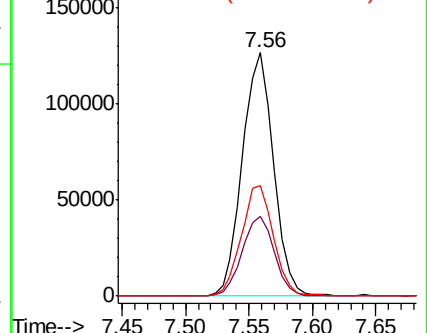
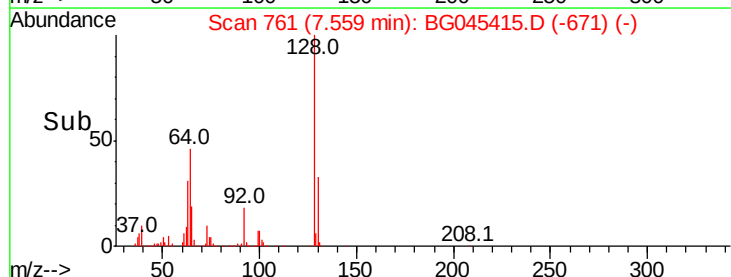
64 45.6 27.0 67.0

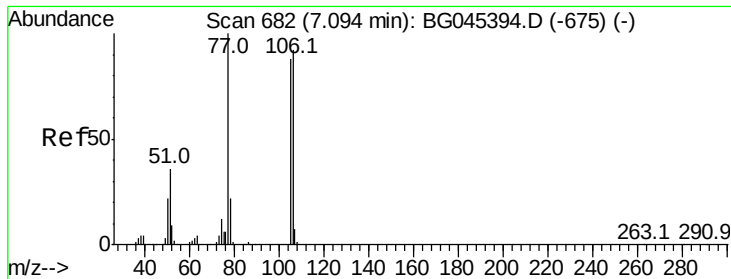


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 41.896 ng

RT: 7.10 min Scan# 683

Delta R.T. -0.01 min

Lab File: BG045415.D

Acq: 18 May 2020 16:28

Instrument :

BNA_G

ClientSampleId :

PB128957BS

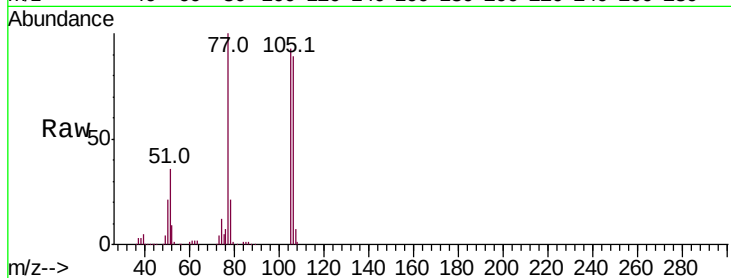
Tot Ion: 77 Resp: 152328

Ion Ratio Lower Upper

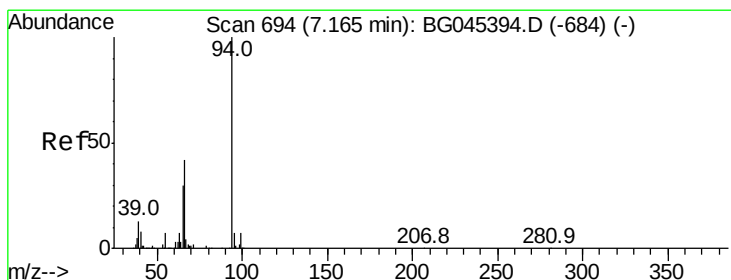
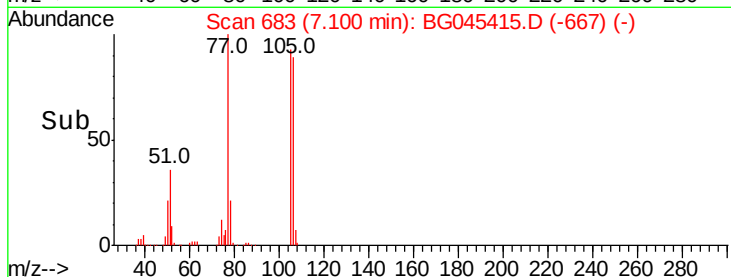
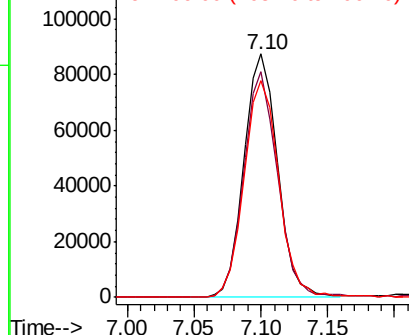
77 100

105 92.5 68.5 108.5

106 89.1 71.6 111.6



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 50.592 ng

RT: 7.24 min Scan# 706

Delta R.T. -0.01 min

Lab File: BG045415.D

Acq: 18 May 2020 16:28

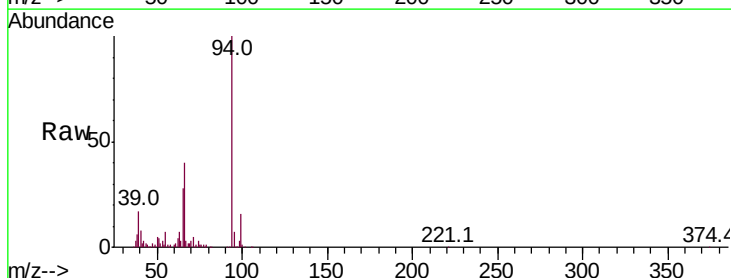
Tgt Ion: 94 Resp: 290977

Ion Ratio Lower Upper

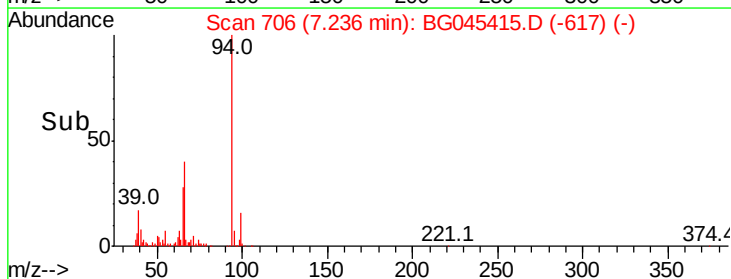
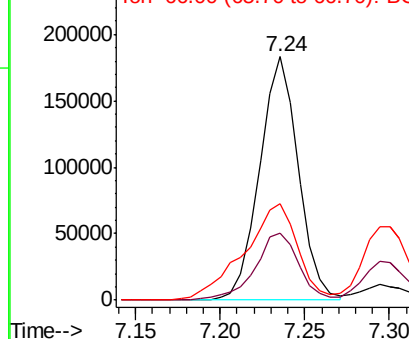
94 100

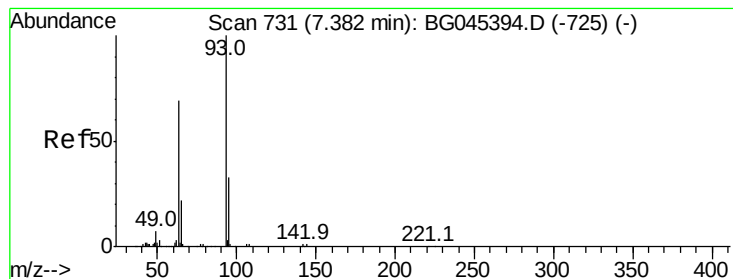
65 27.6 9.8 49.8

66 39.5 22.0 62.0



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC





#11

bis(2-Chloroethyl)ether

Concen: 43.703 ng

RT: 7.39 min Scan# 732

Delta R.T. 0.00 min

Lab File: BG045415.D

Acq: 18 May 2020 16:28

Instrument :

BNA_G

ClientSampleId :

PB128957BS

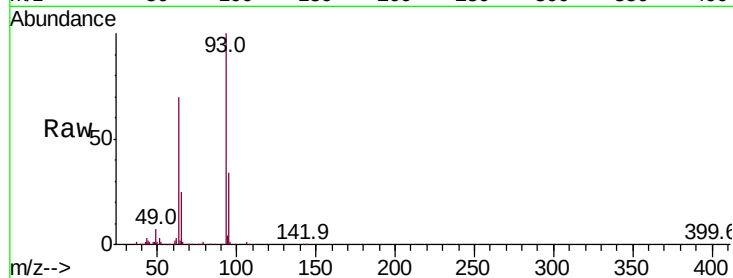
Tot Ion: 93 Resp: 196057

Ion Ratio Lower Upper

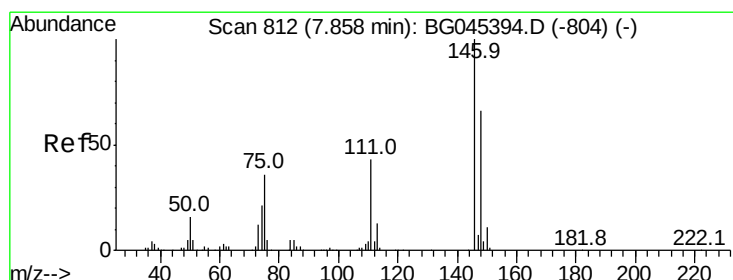
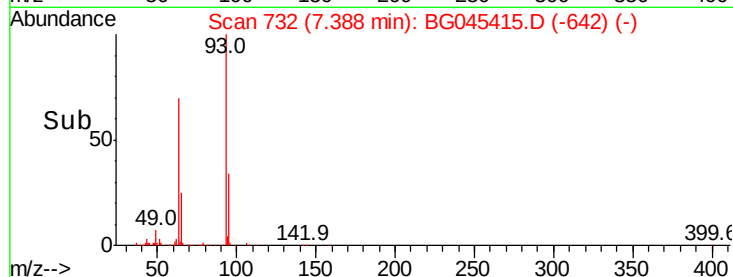
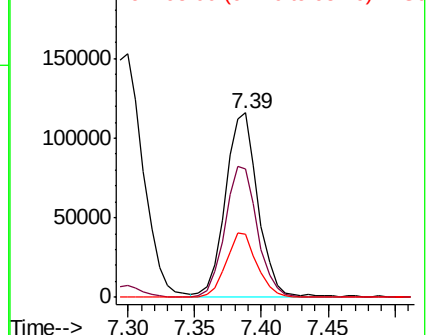
93 100

63 70.0 48.4 88.4

95 34.1 12.4 52.4



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



#12

1,3-Dichlorobenzene

Concen: 43.901 ng

RT: 7.86 min Scan# 812

Delta R.T. -0.01 min

Lab File: BG045415.D

Acq: 18 May 2020 16:28

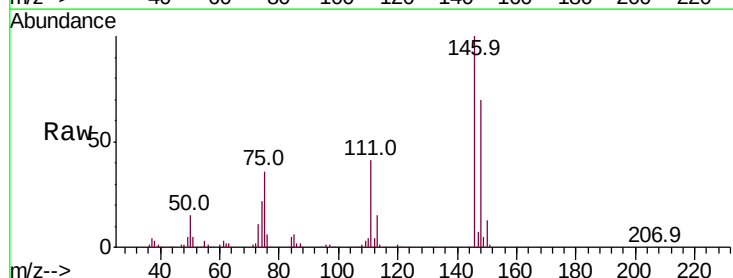
Tgt Ion: 146 Resp: 226837

Ion Ratio Lower Upper

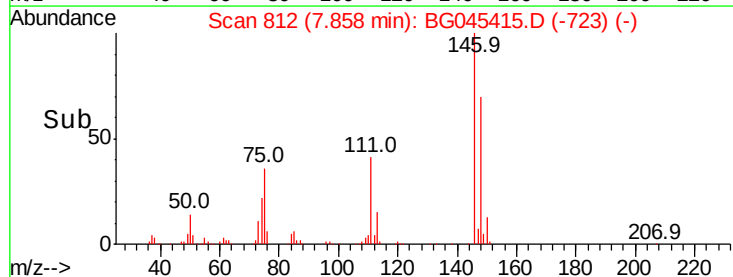
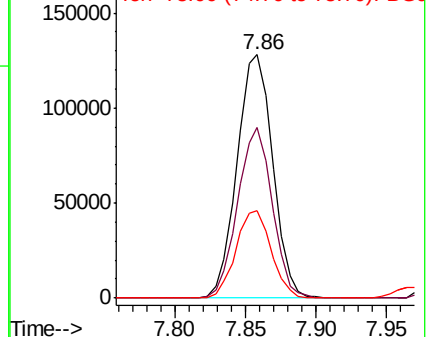
146 100

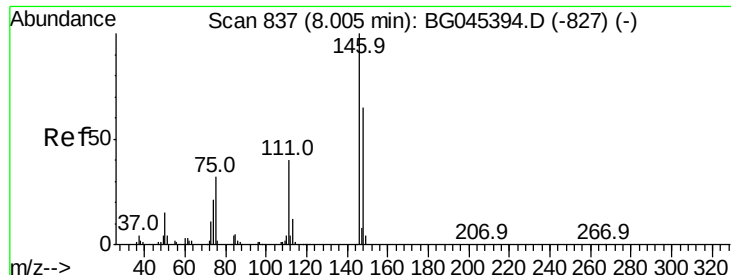
148 70.3 53.2 79.8

75 36.0 28.6 43.0



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

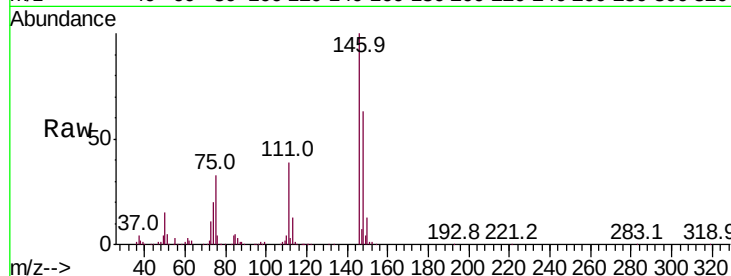




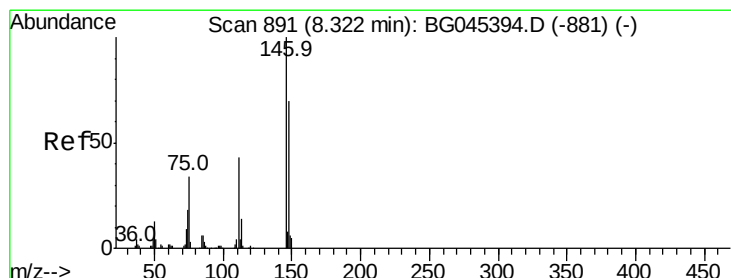
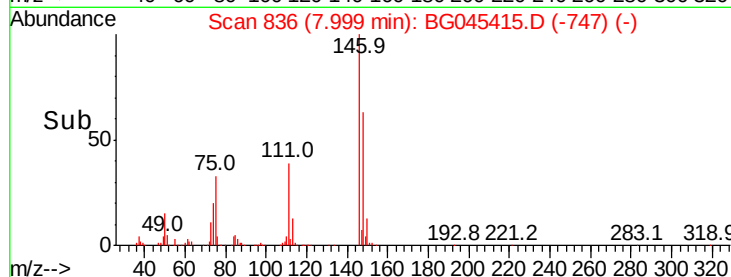
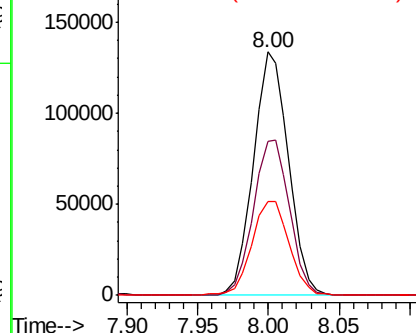
#13
 1,4-Dichlorobenzene
 Concen: 45.825 ng
 RT: 8.00 min Scan# 836
 Delta R.T. -0.01 min
 Lab File: BG045415.D
 Acq: 18 May 2020 16:28

Instrument :
 BNA_G
 ClientSampleId :
 PB128957BS

Tot Ion:146 Resp: 233663
 Ion Ratio Lower Upper
 146 100
 148 63.4 51.8 77.8
 111 38.5 32.1 48.1

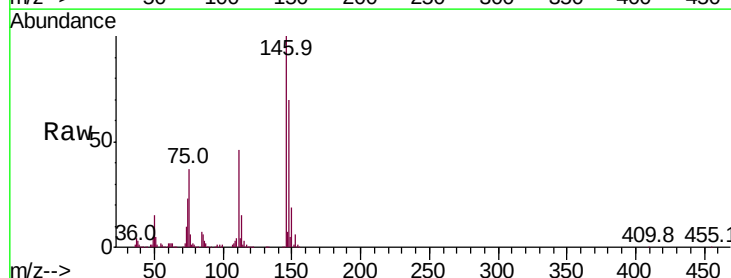


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

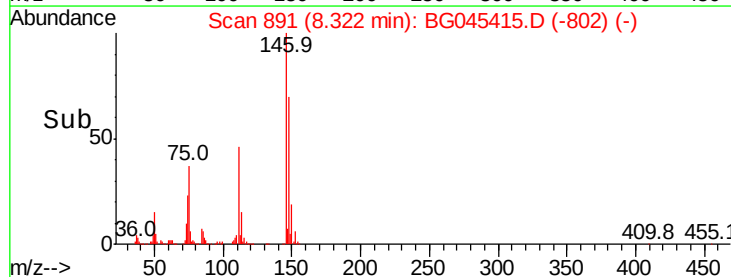
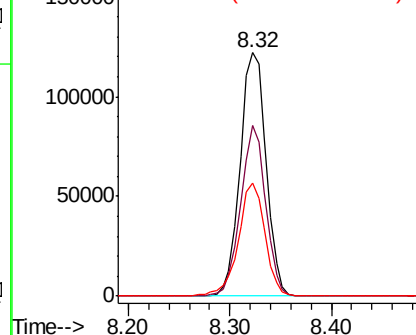


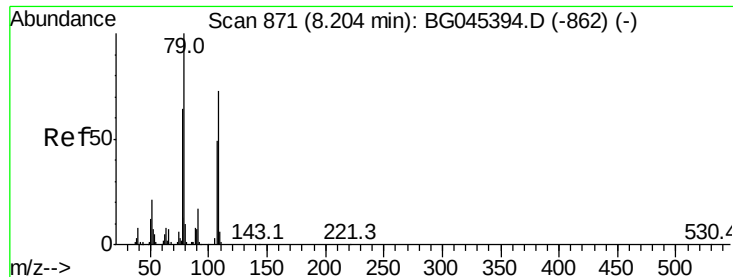
#14
 1,2-Dichlorobenzene
 Concen: 44.299 ng
 RT: 8.32 min Scan# 891
 Delta R.T. -0.01 min
 Lab File: BG045415.D
 Acq: 18 May 2020 16:28

Tgt Ion:146 Resp: 217256
 Ion Ratio Lower Upper
 146 100
 148 70.2 55.9 83.9
 111 46.4 35.0 52.4



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





#15

Benzyl Alcohol

Concen: 48.377 ng

RT: 8.23 min Scan# 875

Delta R.T. 0.00 min

Lab File: BG045415.D

Acq: 18 May 2020 16:28

Instrument :

BNA_G

ClientSampleId :

PB128957BS

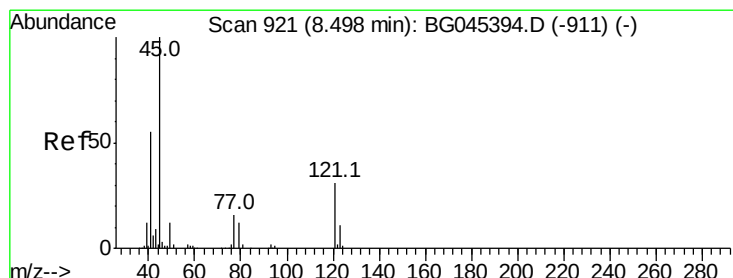
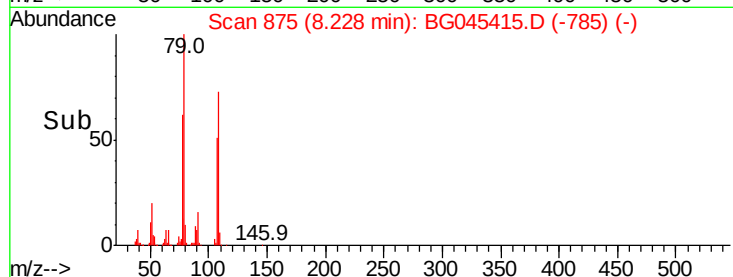
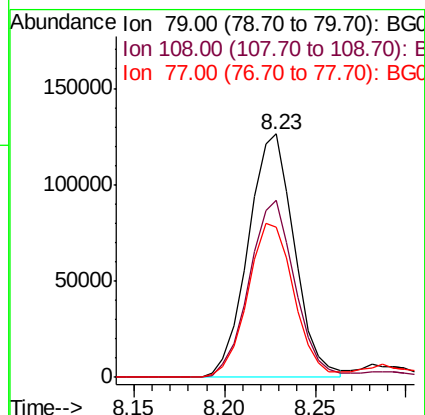
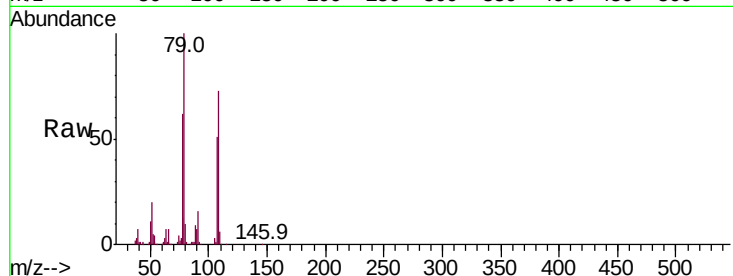
Tot Ion: 79 Resp: 223019

Ion Ratio Lower Upper

79 100

108 72.8 58.2 87.4

77 61.7 51.0 76.4



#16

2,2'-oxybis(1-Chloropropane)

Concen: 45.480 ng

RT: 8.49 min Scan# 920

Delta R.T. -0.01 min

Lab File: BG045415.D

Acq: 18 May 2020 16:28

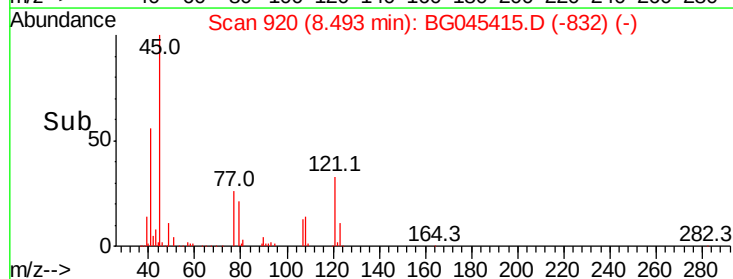
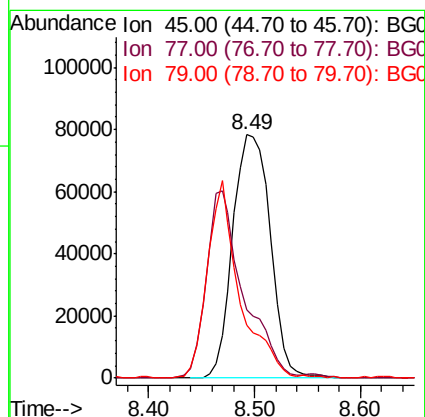
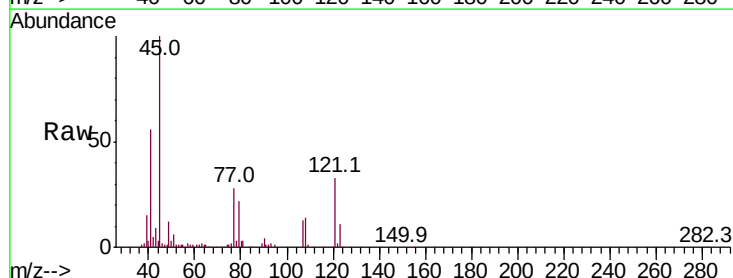
Tgt Ion: 45 Resp: 193668

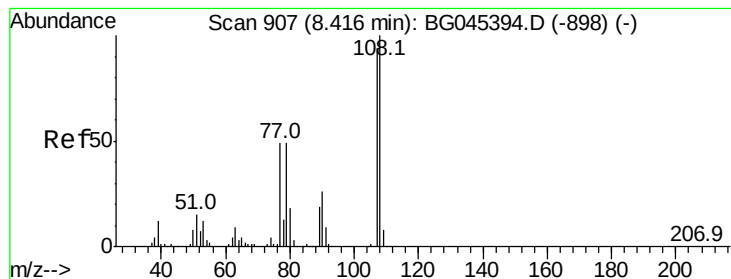
Ion Ratio Lower Upper

45 100

77 28.0 4.0 44.0

79 21.8 0.0 38.6

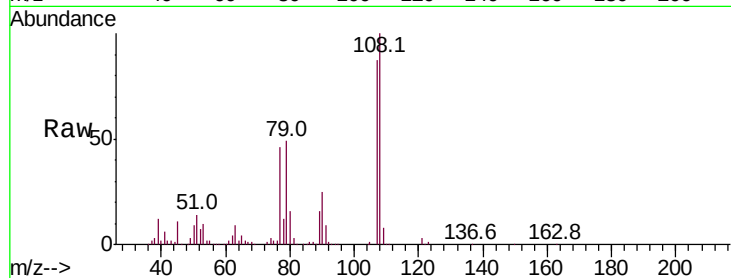




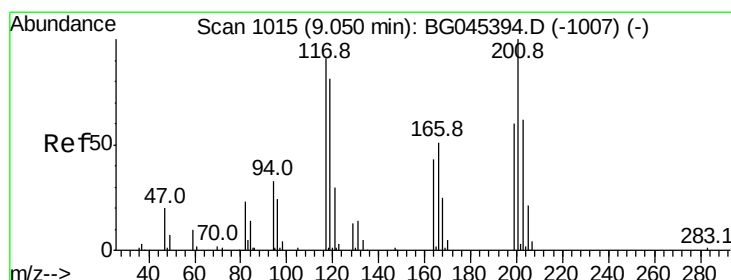
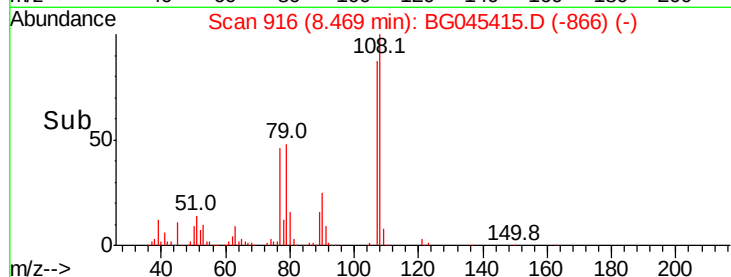
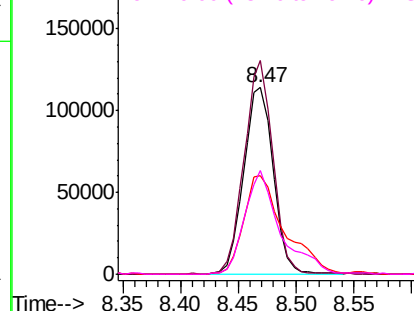
#17
2-Methylphenol
Concen: 47.131 ng
RT: 8.47 min Scan# 916
Delta R.T. -0.01 min
Lab File: BG045415.D
Acq: 18 May 2020 16:28

Instrument :
BNA_G
ClientSampleId :
PB128957BS

Tot Ion:	107	Resp:	202895
Ion	Ratio	Lower	Upper
107	100		
108	114.6	85.2	127.8
77	53.0	41.6	62.4
79	55.6	41.8	62.8

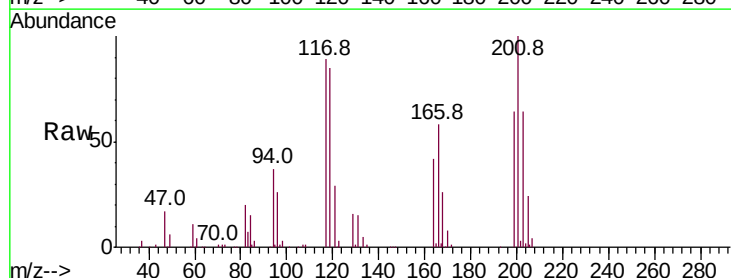


Abundance Ion 107.00 (106.70 to 107.70): E
200000 Ion 108.00 (107.70 to 108.70): E
150000 Ion 77.00 (76.70 to 77.70): BG
100000 Ion 79.00 (78.70 to 79.70): BG
50000
0

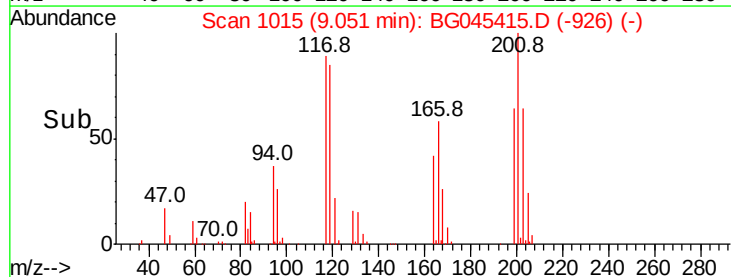
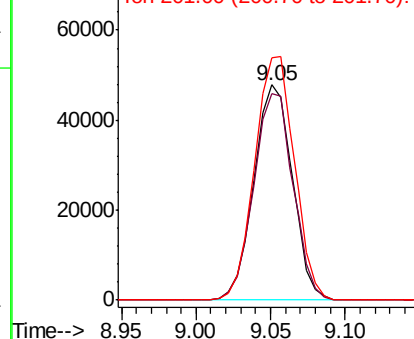


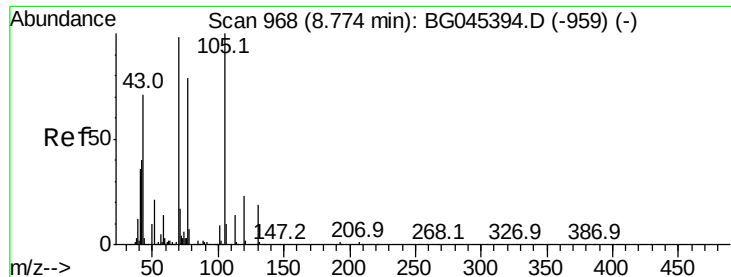
#18
Hexachloroethane
Concen: 43.535 ng
RT: 9.05 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BG045415.D
Acq: 18 May 2020 16:28

Tgt Ion:	117	Resp:	85021
Ion	Ratio	Lower	Upper
117	100		
119	96.1	71.3	106.9
201	112.5	87.5	131.3



Abundance Ion 117.00 (116.70 to 117.70): E
60000 Ion 119.00 (118.70 to 119.70): E
40000 Ion 201.00 (200.70 to 201.70): E
20000
0

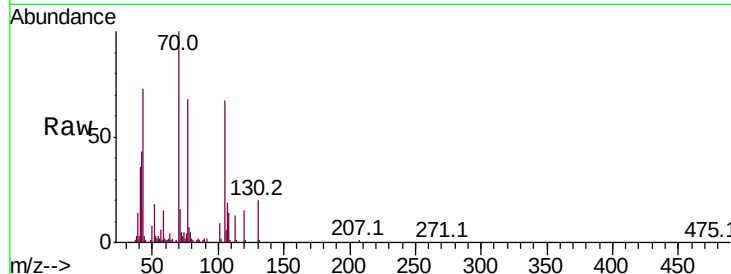




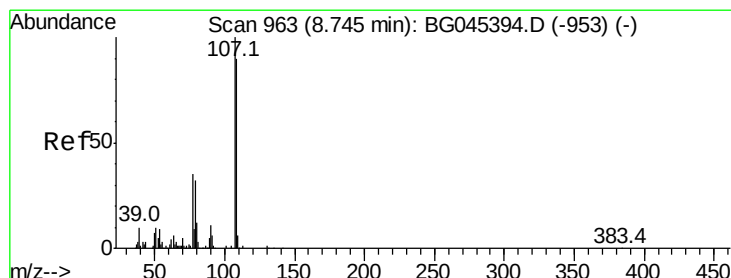
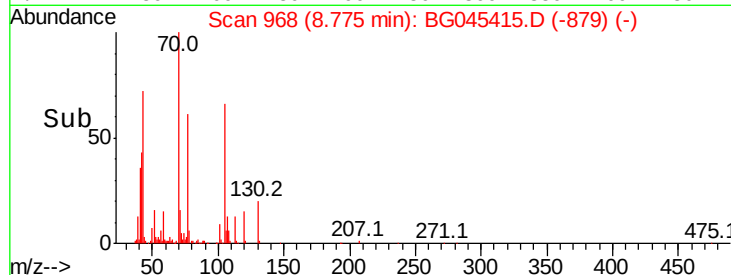
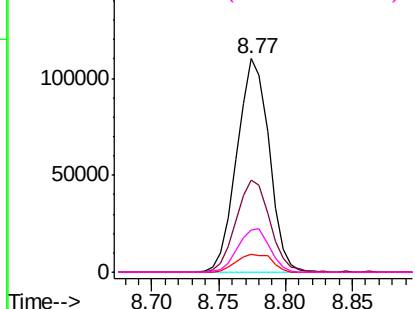
#19
n-Nitroso-di-n-propylamine
Concen: 47.755 ng
RT: 8.77 min Scan# 968
Delta R.T. -0.01 min
Lab File: BG045415.D
Acq: 18 May 2020 16:28

Instrument :
BNA_G
ClientSampleId :
PB128957BS

Tot Ion:	70	Resp:	184286
Ion	Ratio	Lower	Upper
70	100		
42	43.3	33.2	49.8
101	8.5	7.8	11.6
130	19.9	15.4	23.2

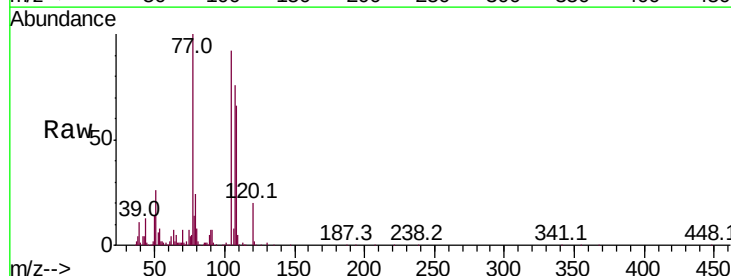


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

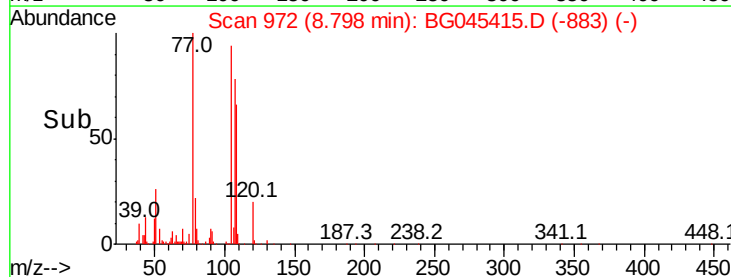
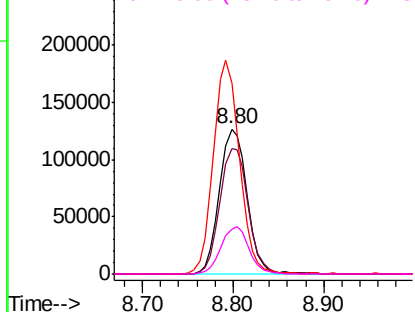


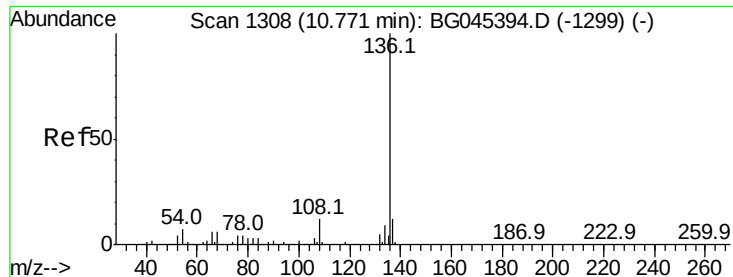
#20
3+4-Methylphenols
Concen: 45.822 ng
RT: 8.80 min Scan# 972
Delta R.T. -0.01 min
Lab File: BG045415.D
Acq: 18 May 2020 16:28

Tgt Ion:	107	Resp:	268616
Ion	Ratio	Lower	Upper
107	100		
108	86.5	70.3	110.3
77	131.1	15.4	55.4#
79	31.1	12.6	52.6



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

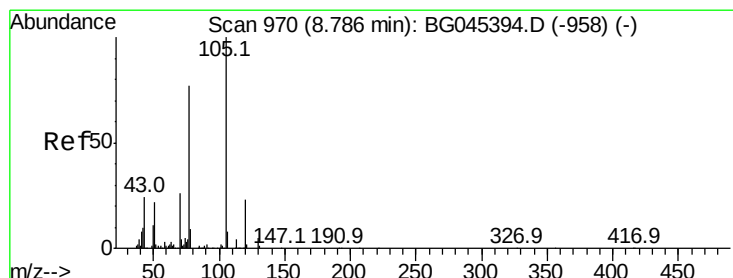
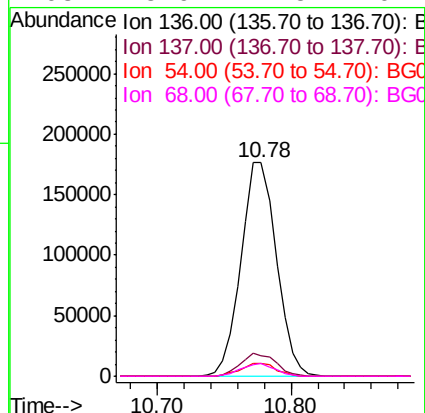
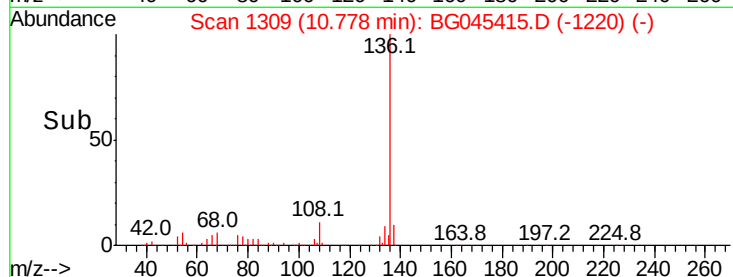
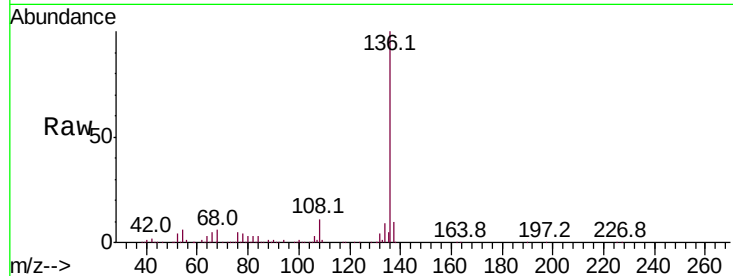




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.78 min Scan# 1309
Delta R.T. -0.01 min
Lab File: BG045415.D
Acq: 18 May 2020 16:28

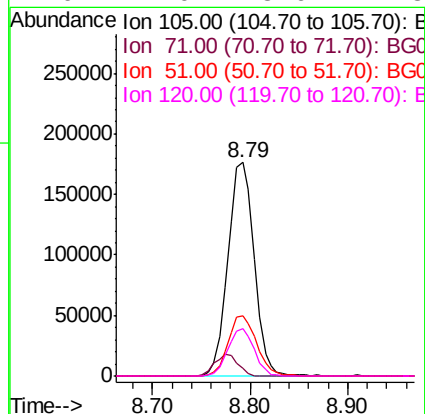
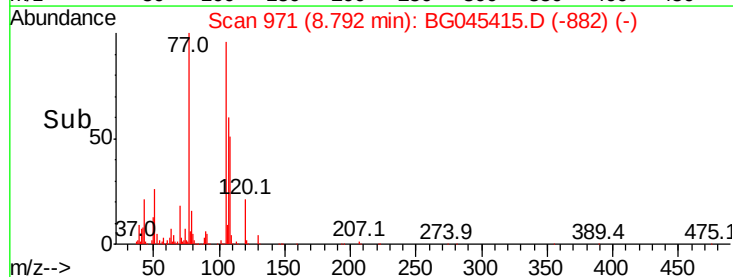
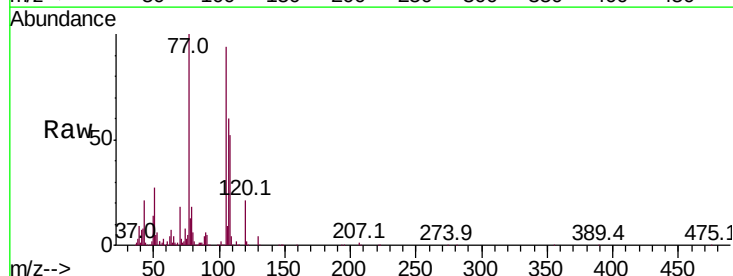
Instrument :
BNA_G
ClientSampleId :
PB128957BS

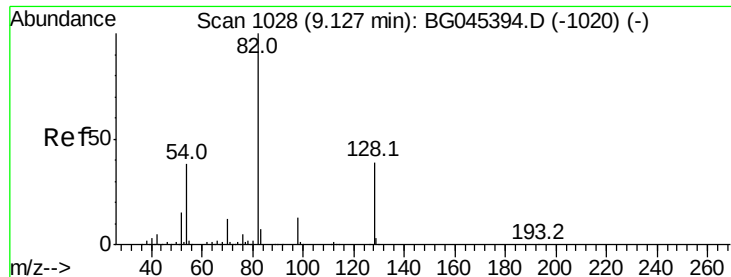
Tot Ion:136	Resp:	324708
Ion Ratio	Lower	Upper
136	100	
137	9.6	9.4 14.2
54	5.8	5.8 8.6
68	5.9	4.5 6.7



#22
Acetophenone
Concen: 42.797 ng
RT: 8.79 min Scan# 971
Delta R.T. -0.01 min
Lab File: BG045415.D
Acq: 18 May 2020 16:28

Tgt Ion:105	Resp:	329362
Ion Ratio	Lower	Upper
105	100	
71	3.5	3.4 5.0
51	28.1	18.2 27.2#
120	22.0	18.6 27.8

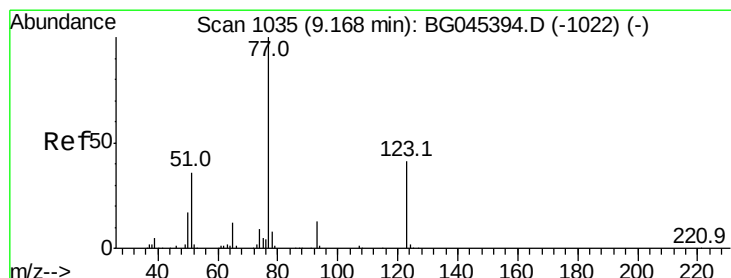
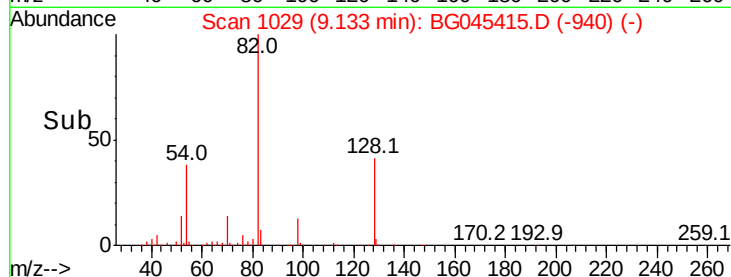
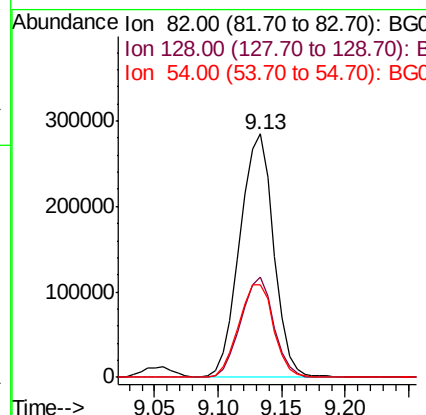
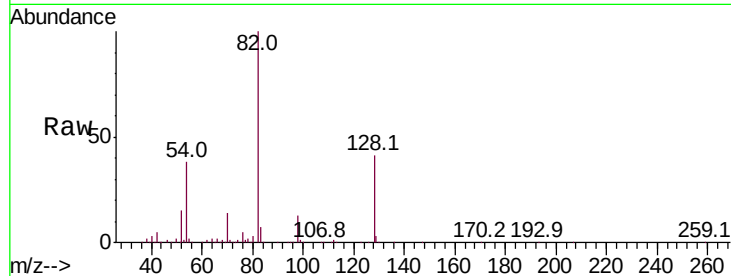




#23
 Nitrobenzene-d5
 Concen: 88.297 ng
 RT: 9.13 min Scan# 1029
 Delta R.T. -0.01 min
 Lab File: BG045415.D
 Acq: 18 May 2020 16:28

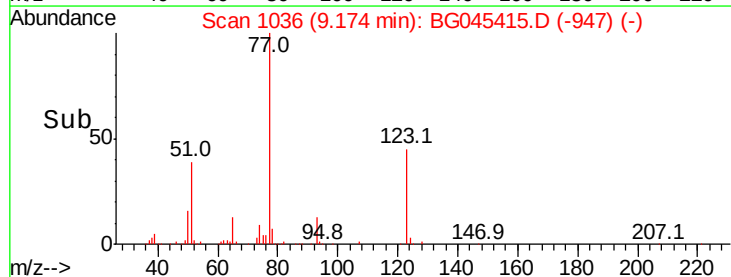
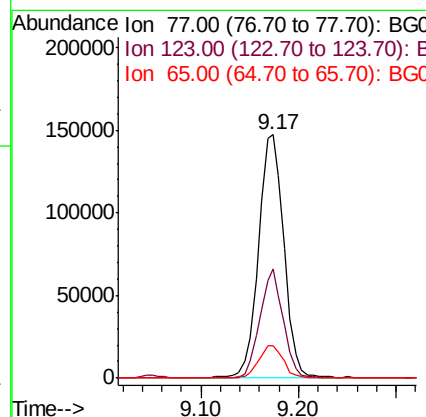
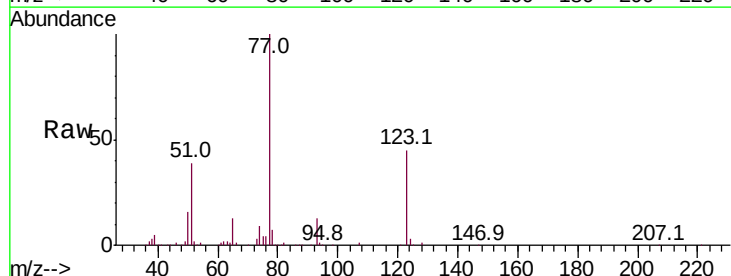
Instrument :
 BNA_G
 ClientSampleId :
 PB128957BS

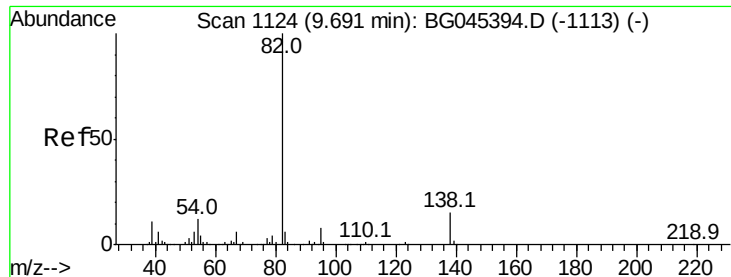
Tot Ion	82	Resp	525763
Ion	Ratio	Lower	Upper
82	100		
128	41.2	30.9	46.3
54	38.0	30.3	45.5



#24
 Nitrobenzene
 Concen: 42.344 ng
 RT: 9.17 min Scan# 1036
 Delta R.T. -0.01 min
 Lab File: BG045415.D
 Acq: 18 May 2020 16:28

Tgt Ion	77	Resp	270138
Ion	Ratio	Lower	Upper
77	100		
123	44.7	32.9	49.3
65	13.4	9.4	14.2





#25

Isophorone

Concen: 43.374 ng

RT: 9.70 min Scan# 1125

Delta R.T. -0.01 min

Lab File: BG045415.D

Acq: 18 May 2020 16:28

Instrument :

BNA_G

ClientSampleId :

PB128957BS

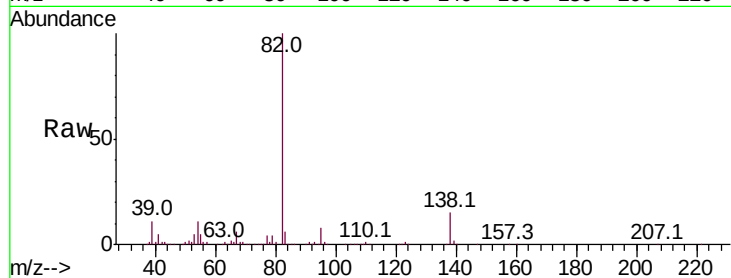
Tot Ion: 82 Resp: 508631

Ion Ratio Lower Upper

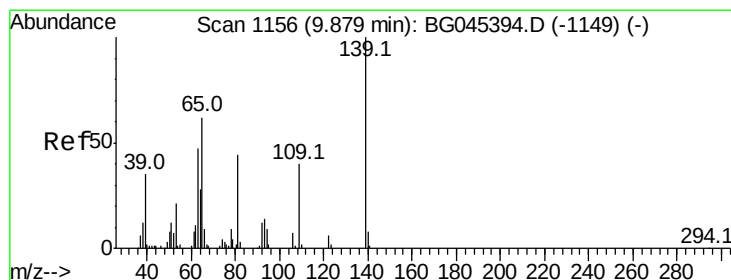
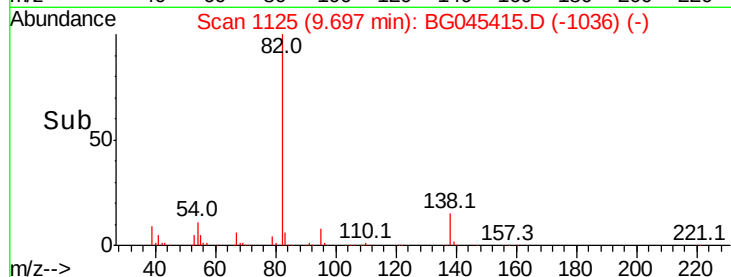
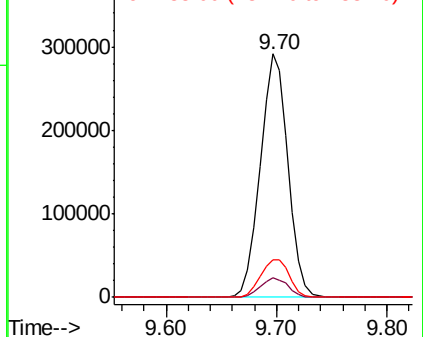
82 100

95 8.3 6.7 10.1

138 15.4 12.2 18.4



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: 45.889 ng

RT: 9.88 min Scan# 1157

Delta R.T. -0.01 min

Lab File: BG045415.D

Acq: 18 May 2020 16:28

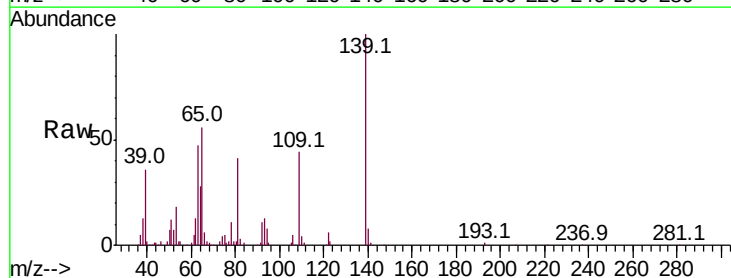
Tgt Ion: 139 Resp: 125235

Ion Ratio Lower Upper

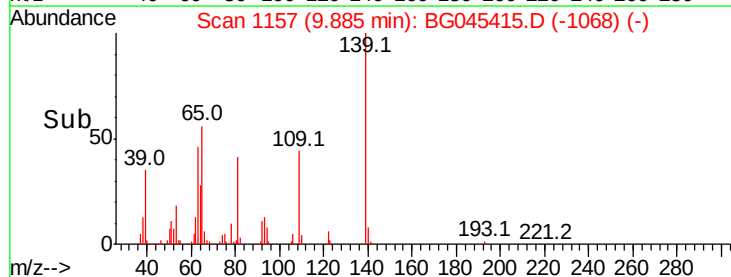
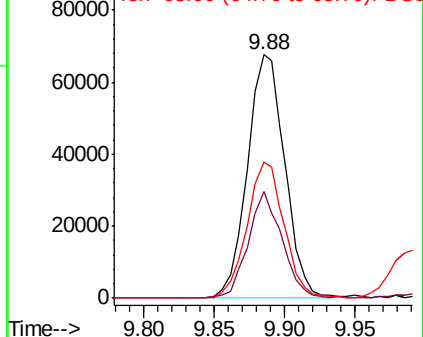
139 100

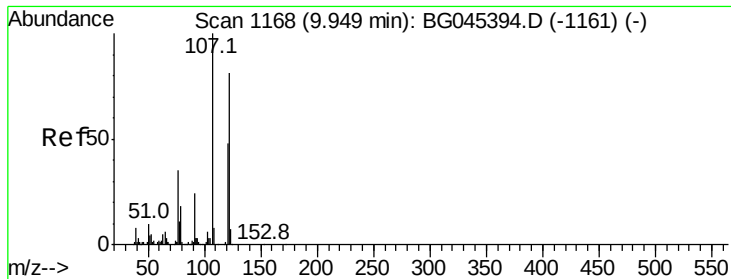
109 43.9 32.2 48.4

65 56.0 49.6 74.4



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: 53.428 ng

RT: 9.98 min Scan# 1174

Delta R.T. -0.01 min

Lab File: BG045415.D

Acq: 18 May 2020 16:28

Instrument :

BNA_G

ClientSampleId :

PB128957BS

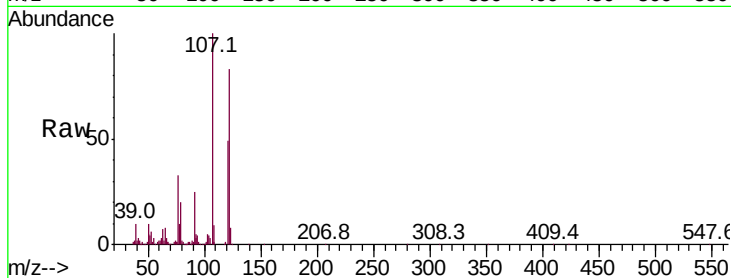
Tot Ion:122 Resp: 216258

Ion Ratio Lower Upper

122 100

107 120.6 99.0 148.4

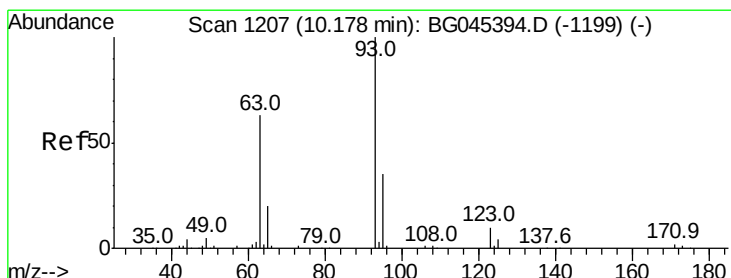
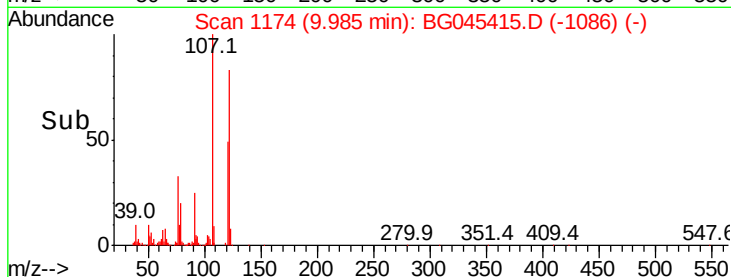
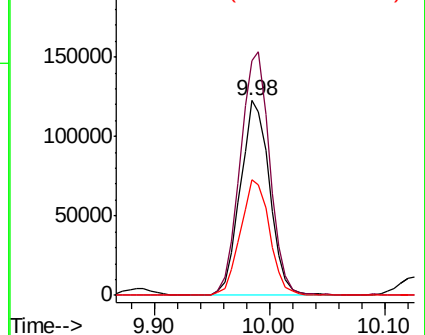
121 59.7 47.7 71.5



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: 45.055 ng

RT: 10.18 min Scan# 1208

Delta R.T. 0.00 min

Lab File: BG045415.D

Acq: 18 May 2020 16:28

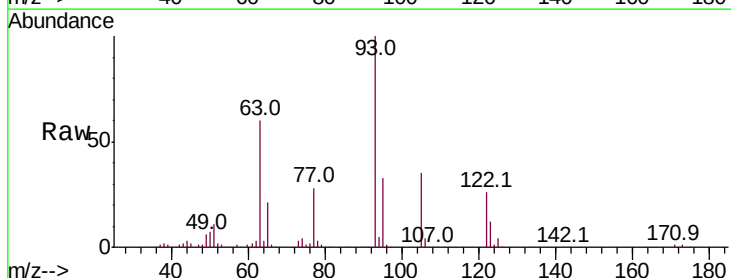
Tgt Ion: 93 Resp: 277082

Ion Ratio Lower Upper

93 100

95 32.5 27.6 41.4

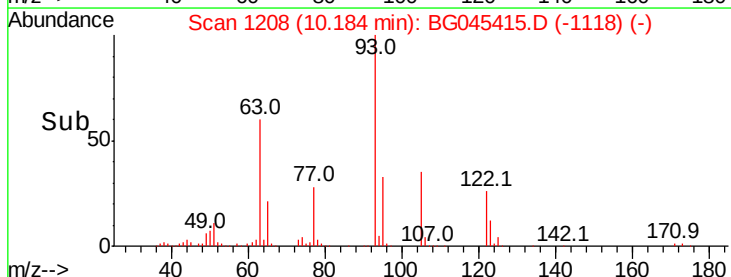
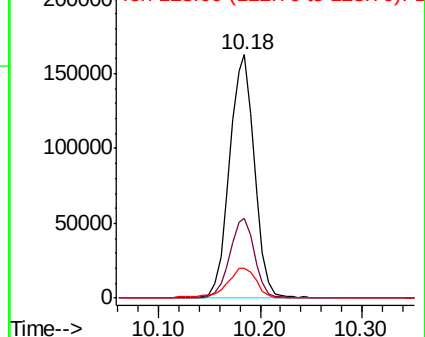
123 12.2 8.1 12.1#

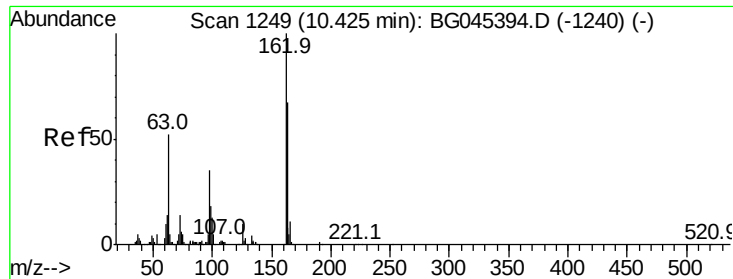


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 47.164 ng

RT: 10.46 min Scan# 1255

Delta R.T. -0.01 min

Lab File: BG045415.D

Acq: 18 May 2020 16:28

Instrument :

BNA_G

ClientSampleId :

PB128957BS

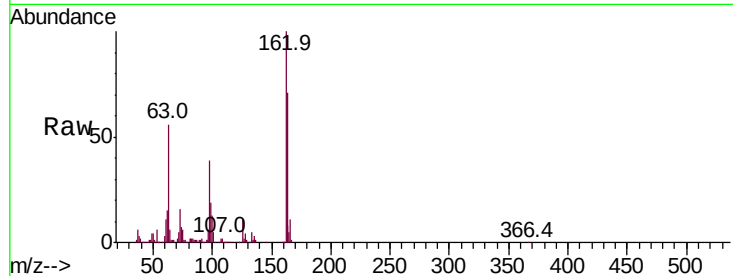
Tot Ion:162 Resp: 225434

Ion Ratio Lower Upper

162 100

164 71.5 46.8 86.8

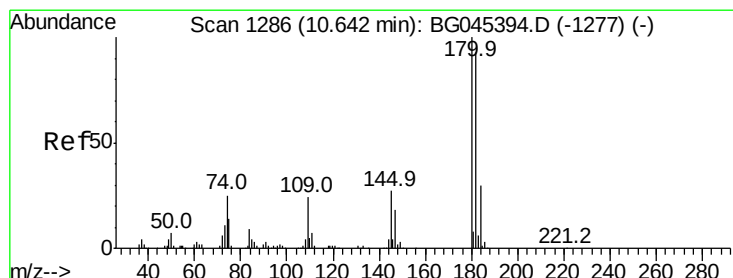
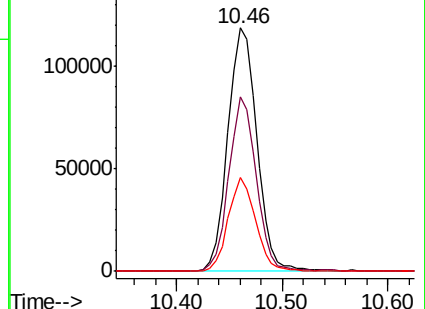
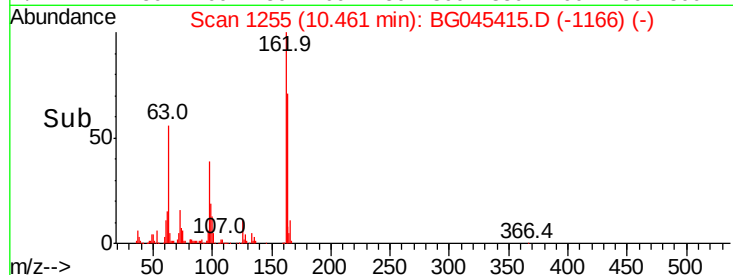
98 38.6 15.2 55.2



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BGC



#30

1,2,4-Trichlorobenzene

Concen: 42.967 ng

RT: 10.64 min Scan# 1286

Delta R.T. -0.01 min

Lab File: BG045415.D

Acq: 18 May 2020 16:28

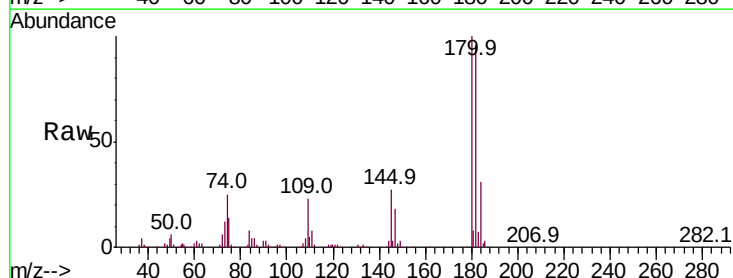
Tgt Ion:180 Resp: 242677

Ion Ratio Lower Upper

180 100

182 95.7 74.8 112.2

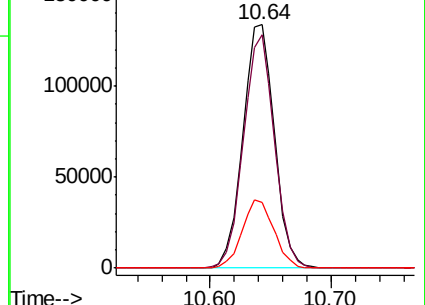
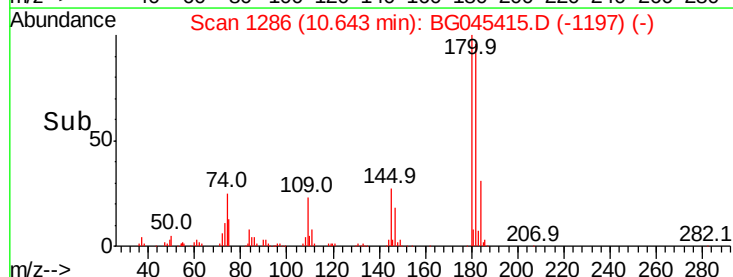
145 27.2 21.9 32.9

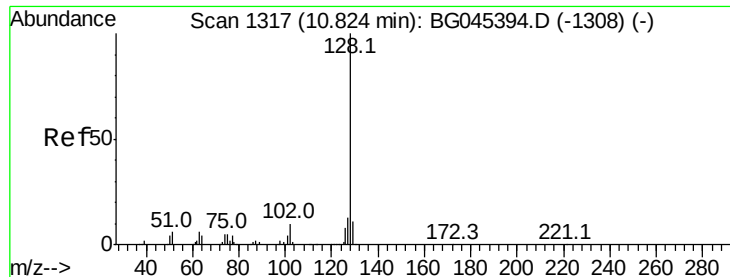


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 44.465 ng

RT: 10.82 min Scan# 1317

Delta R.T. -0.01 min

Lab File: BG045415.D

Acq: 18 May 2020 16:28

Instrument :

BNA_G

ClientSampleId :

PB128957BS

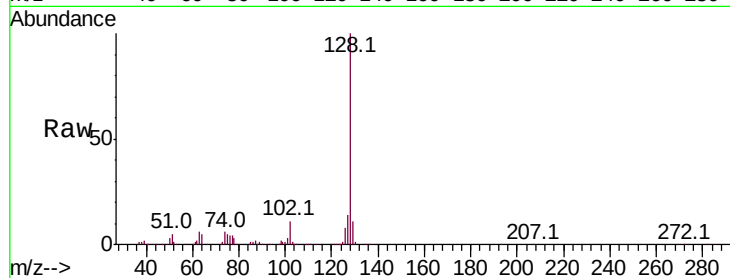
Tot Ion:128 Resp: 672811

Ion Ratio Lower Upper

128 100

129 11.2 9.0 13.6

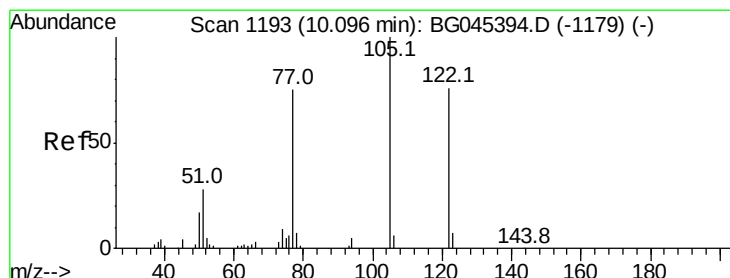
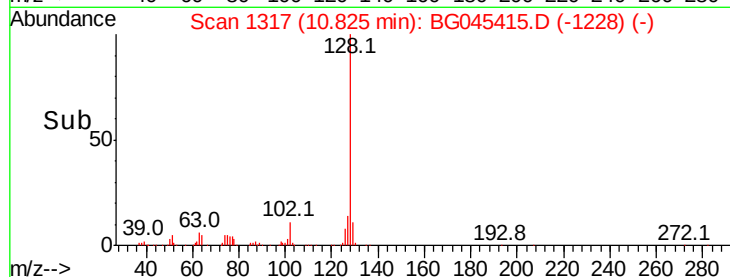
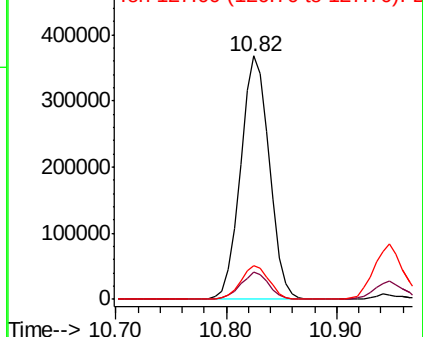
127 14.0 10.7 16.1



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 54.951 ng

RT: 10.19 min Scan# 1209

Delta R.T. 0.00 min

Lab File: BG045415.D

Acq: 18 May 2020 16:28

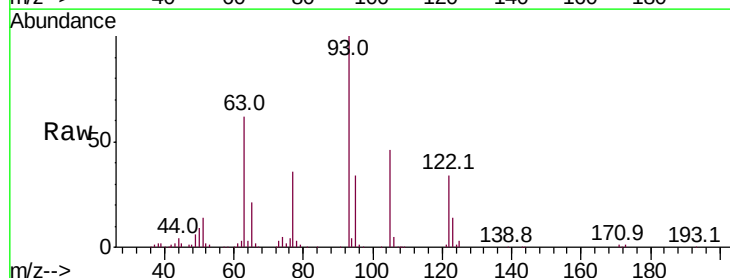
Tgt Ion:122 Resp: 156325

Ion Ratio Lower Upper

122 100

105 133.0 107.9 147.9

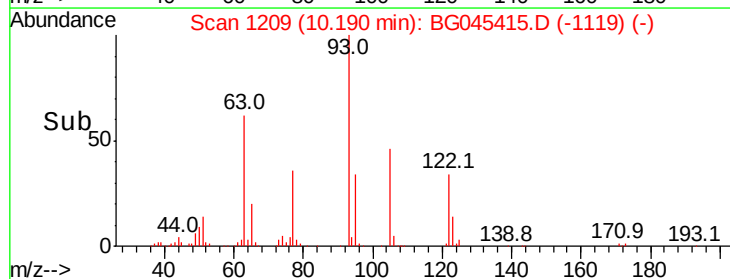
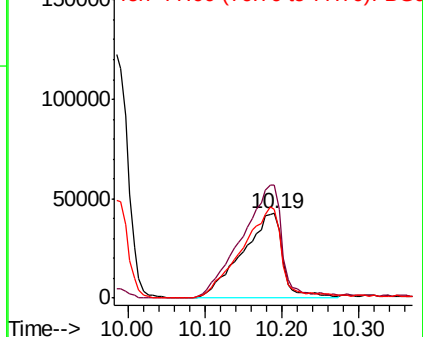
77 105.1 78.9 118.9

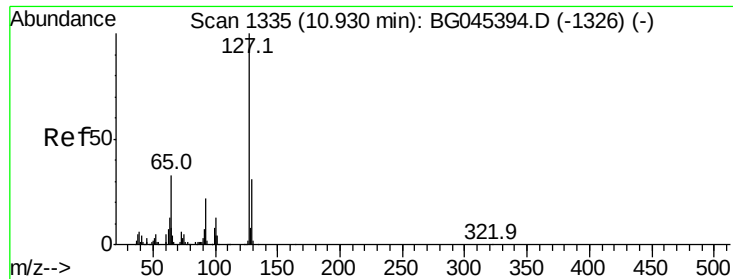


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BGC

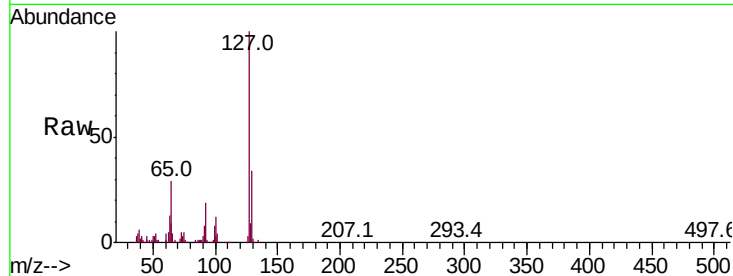




#33
4-Chloroaniline
Concen: 25.157 ng
RT: 10.95 min Scan# 1338
Delta R.T. -0.01 min
Lab File: BG045415.D
Acq: 18 May 2020 16:28

Instrument :
BNA_G
ClientSampleId :
PB128957BS

Tot Ion:	127	Resp:	159112
Ion	Ratio	Lower	Upper
127	100		
129	33.5	24.7	37.1
65	29.0	26.2	39.2
92	18.7	17.9	26.9



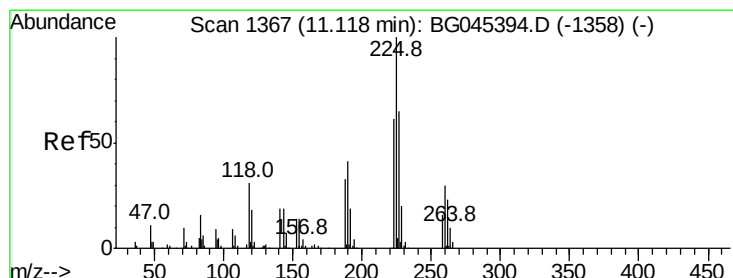
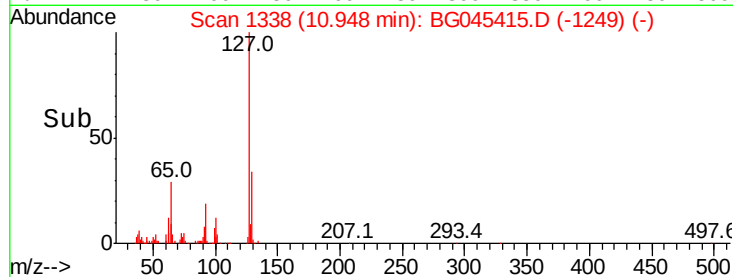
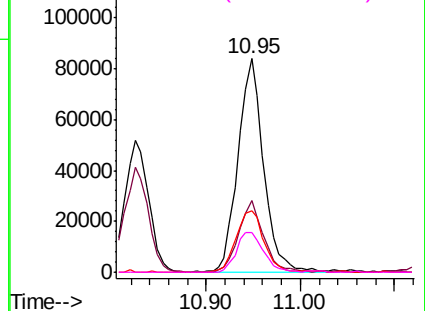
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

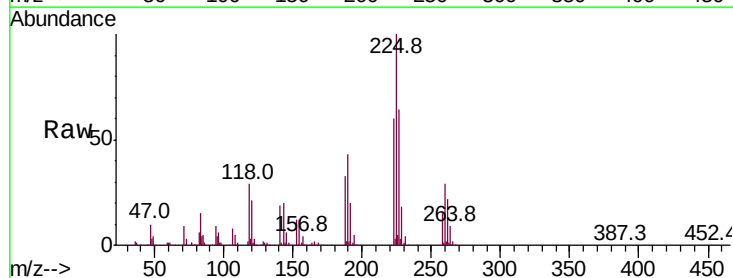
Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC



#34
Hexachlorobutadiene
Concen: 40.640 ng
RT: 11.12 min Scan# 1367
Delta R.T. -0.01 min
Lab File: BG045415.D
Acq: 18 May 2020 16:28

Tgt Ion:	225	Resp:	162253
Ion	Ratio	Lower	Upper
225	100		
223	60.2	49.1	73.7
227	63.7	52.0	78.0

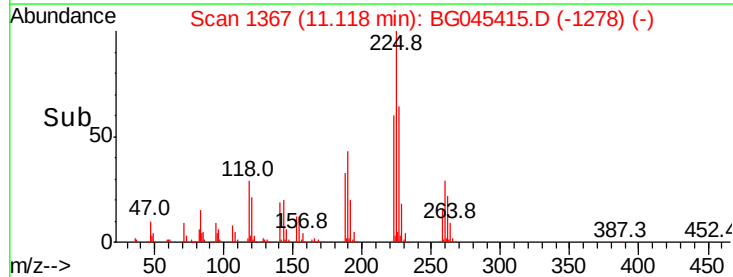
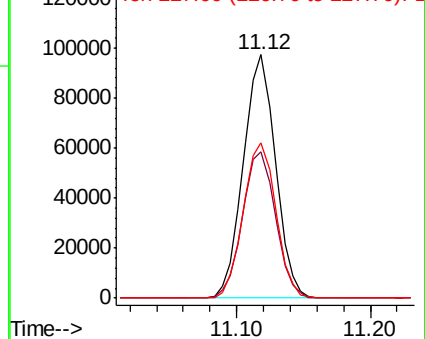


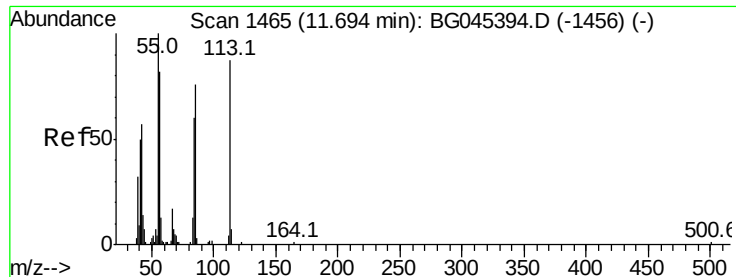
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

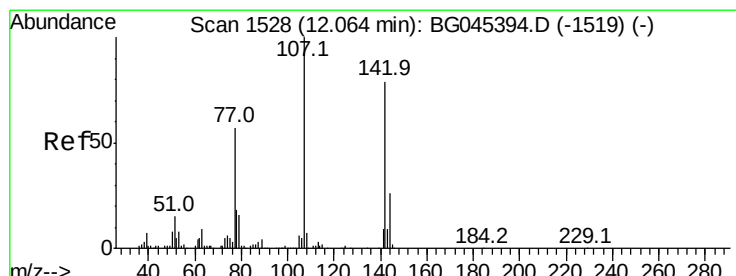
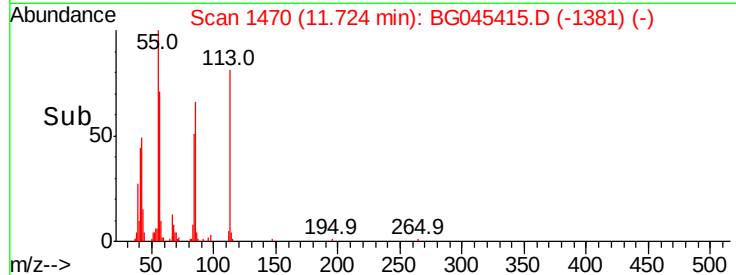
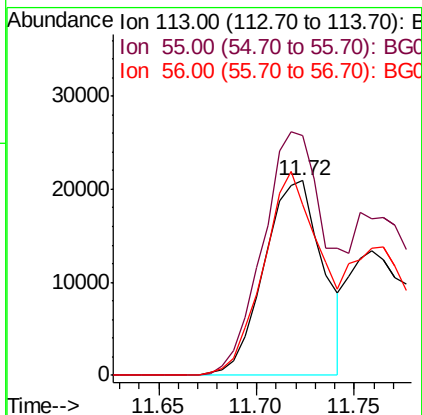
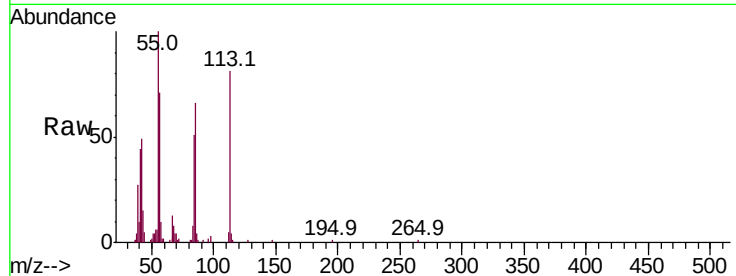




#35
 Caprolactam
 Concen: 24.866 ng
 RT: 11.72 min Scan# 1470
 Delta R.T. -0.01 min
 Lab File: BG045415.D
 Acq: 18 May 2020 16:28

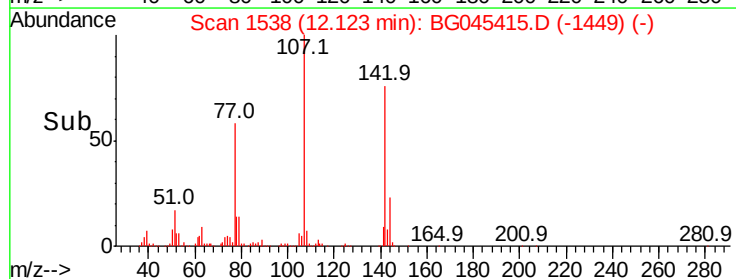
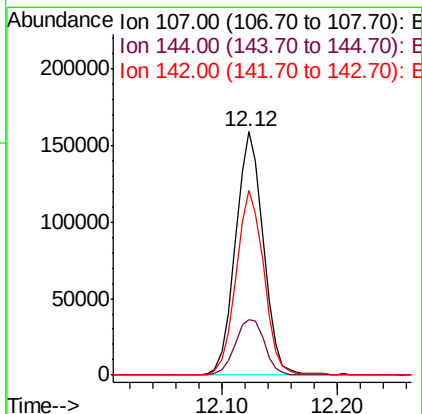
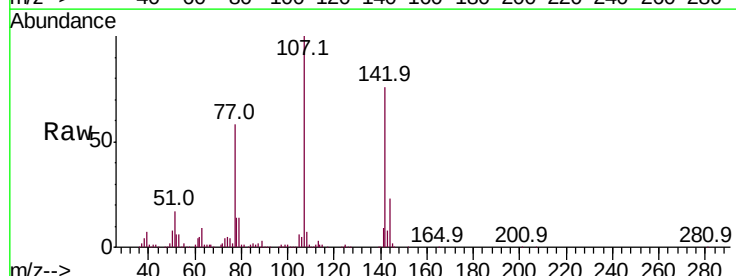
Instrument :
 BNA_G
 ClientSampleId :
 PB128957BS

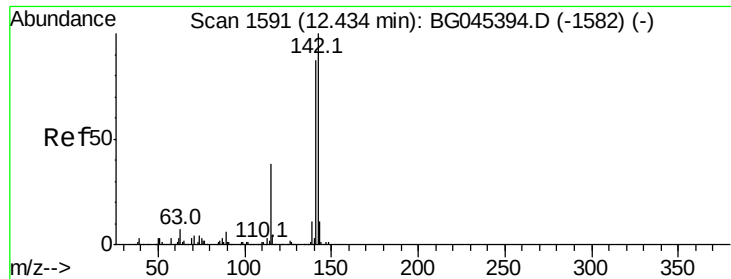
Tot Ion:113 Resp: 43626
 Ion Ratio Lower Upper
 113 100
 55 123.0 96.0 136.0
 56 87.7 75.1 115.1



#36
 4-Chloro-3-methylphenol
 Concen: 49.252 ng
 RT: 12.12 min Scan# 1538
 Delta R.T. -0.01 min
 Lab File: BG045415.D
 Acq: 18 May 2020 16:28

Tgt Ion:107 Resp: 265276
 Ion Ratio Lower Upper
 107 100
 144 22.9 20.8 31.2
 142 75.7 62.8 94.2

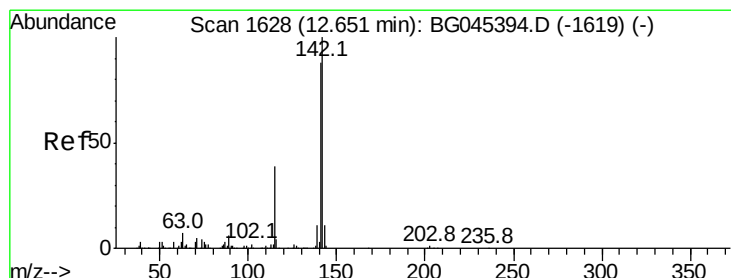
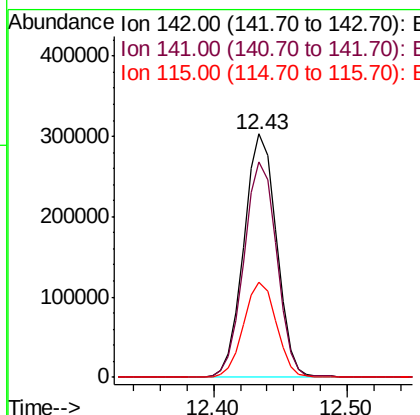
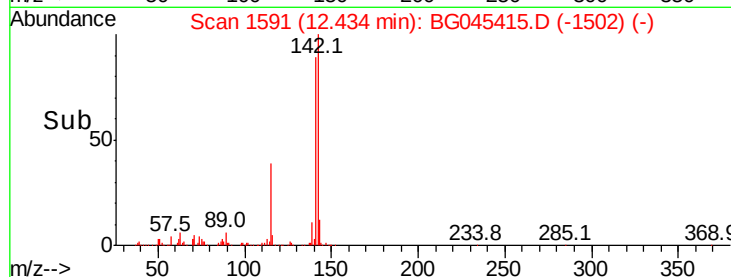
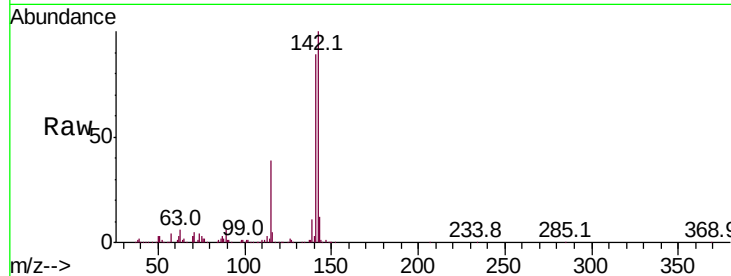




#37
 2-Methylnaphthalene
 Concen: 45.522 ng
 RT: 12.43 min Scan# 1591
 Delta R.T. -0.01 min
 Lab File: BG045415.D
 Acq: 18 May 2020 16:28

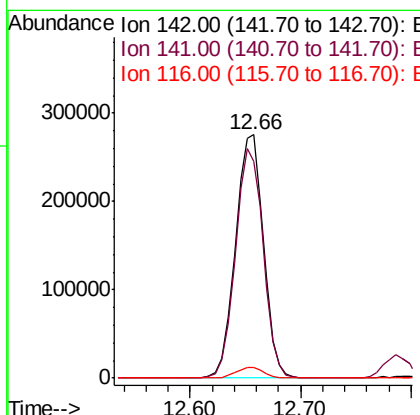
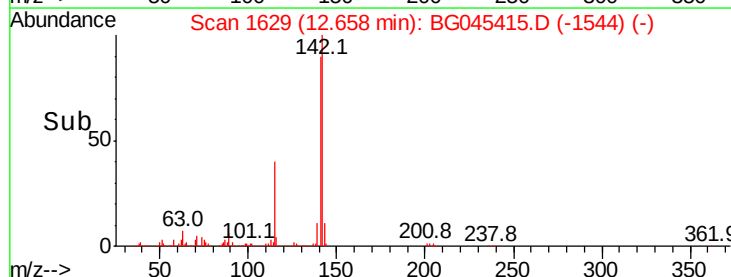
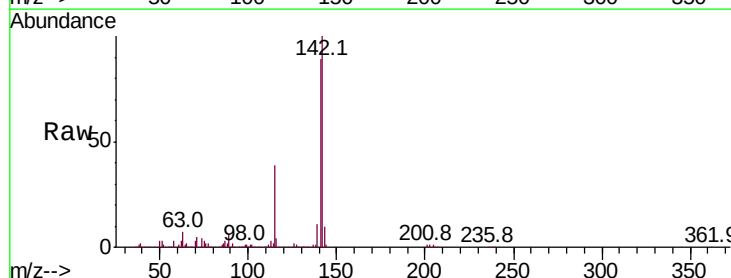
Instrument :
 BNA_G
 ClientSampleId :
 PB128957BS

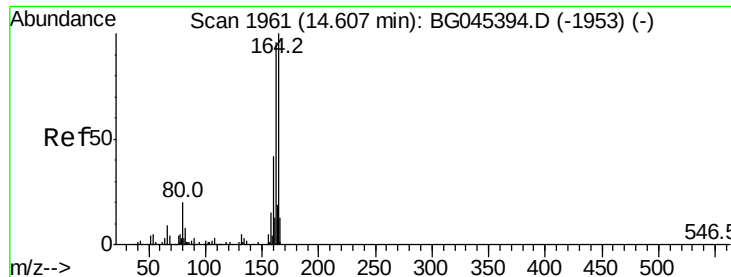
Tot Ion	Ratio	Lower	Upper
142	100		
141	88.7	70.0	105.0
115	39.3	30.8	46.2



#38
 1-Methylnaphthalene
 Concen: 46.017 ng
 RT: 12.66 min Scan# 1629
 Delta R.T. 0.00 min
 Lab File: BG045415.D
 Acq: 18 May 2020 16:28

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.9	70.8	106.2
116	4.1	3.0	4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.61 min Scan# 1961

Delta R.T. -0.01 min

Lab File: BG045415.D

Acq: 18 May 2020 16:28

Instrument :

BNA_G

ClientSampleId :

PB128957BS

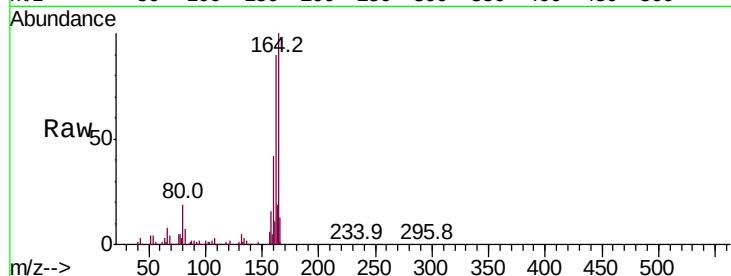
Tot Ion:164 Resp: 233661

Ion Ratio Lower Upper

164 100

162 90.4 76.9 115.3

160 42.4 33.8 50.8

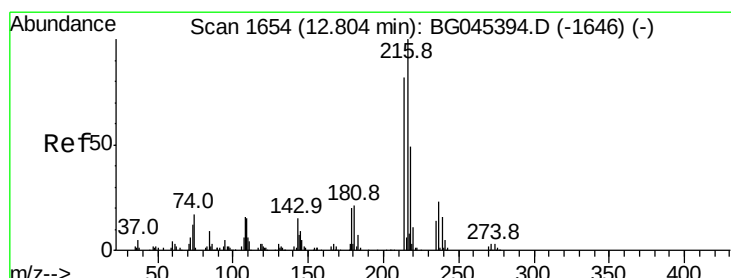
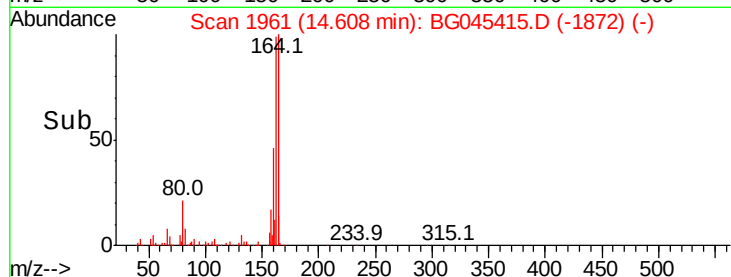
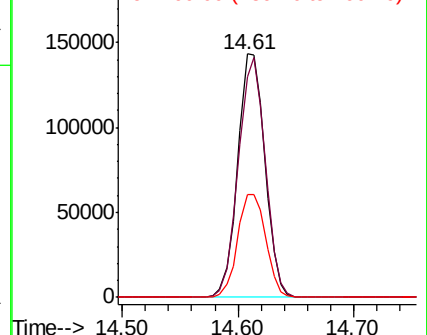


Abundance

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: 43.160 ng

RT: 12.80 min Scan# 1654

Delta R.T. -0.01 min

Lab File: BG045415.D

Acq: 18 May 2020 16:28

Tgt Ion:216 Resp: 281686

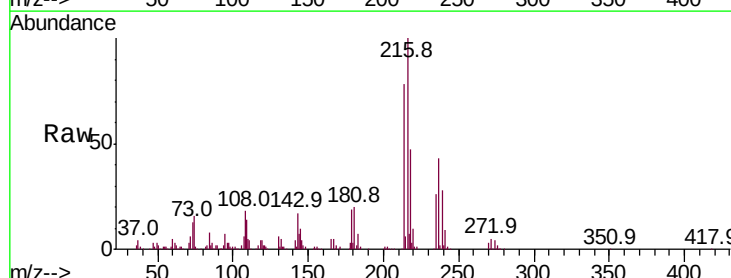
Ion Ratio Lower Upper

216 100

214 81.3 63.7 95.5

179 19.5 16.1 24.1

108 19.8 13.8 20.6



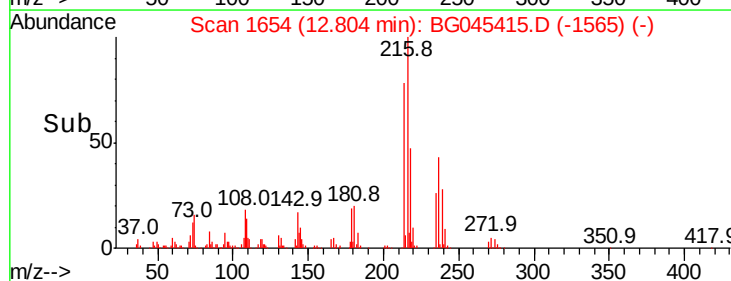
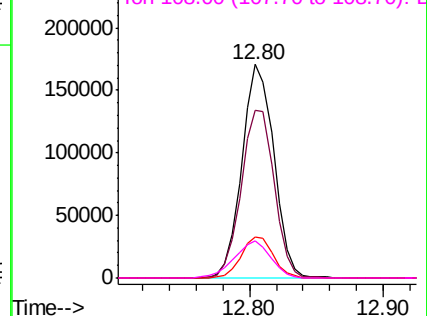
Abundance

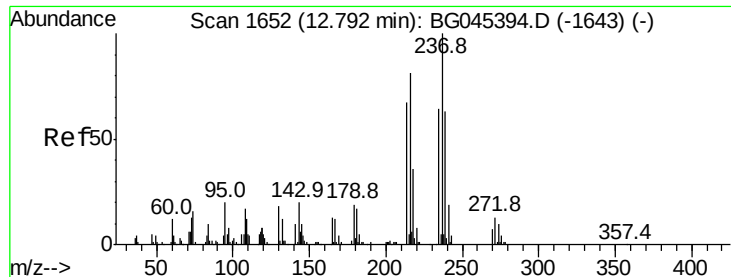
Ion 216.00 (215.70 to 216.70): E

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: 104.084 ng

RT: 12.79 min Scan# 1651

Delta R.T. -0.01 min

Lab File: BG045415.D

Acq: 18 May 2020 16:28

Instrument :

BNA_G

ClientSampleId :

PB128957BS

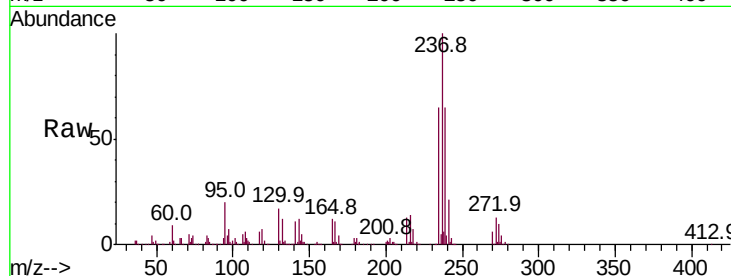
Tot Ion:237 Resp: 392085

Ion Ratio Lower Upper

237 100

235 65.2 44.4 84.4

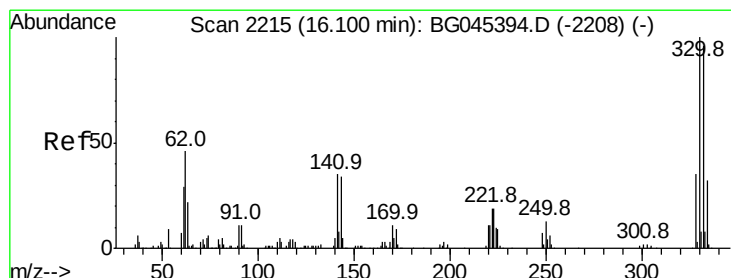
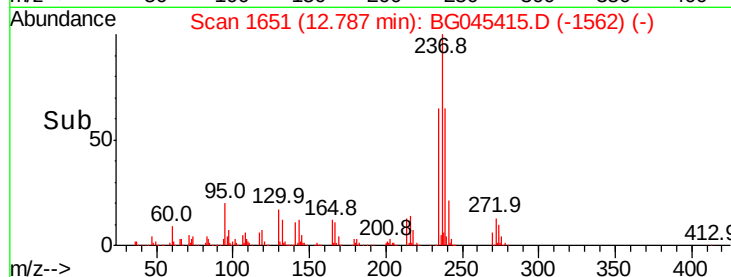
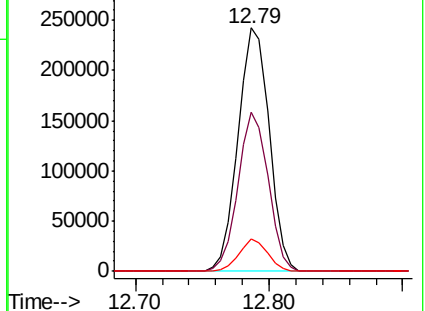
272 13.5 0.0 32.5



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: 131.311 ng

RT: 16.11 min Scan# 2217

Delta R.T. -0.01 min

Lab File: BG045415.D

Acq: 18 May 2020 16:28

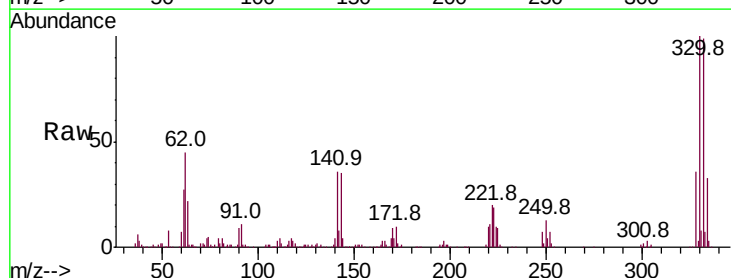
Tgt Ion:330 Resp: 392391

Ion Ratio Lower Upper

330 100

332 98.9 78.2 117.4

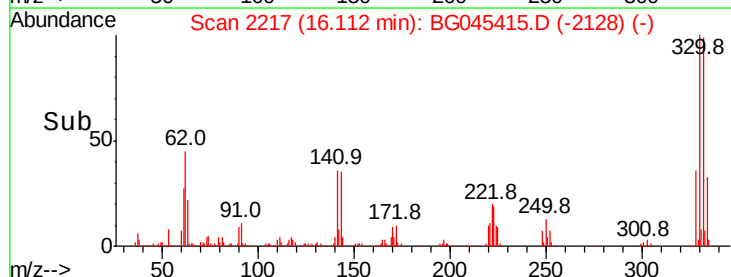
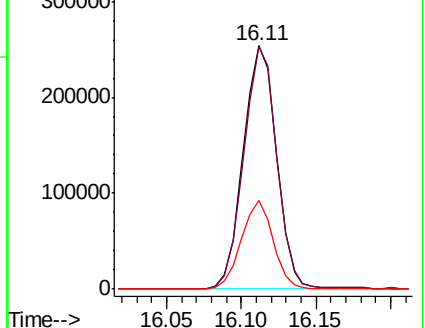
141 35.0 28.2 42.4

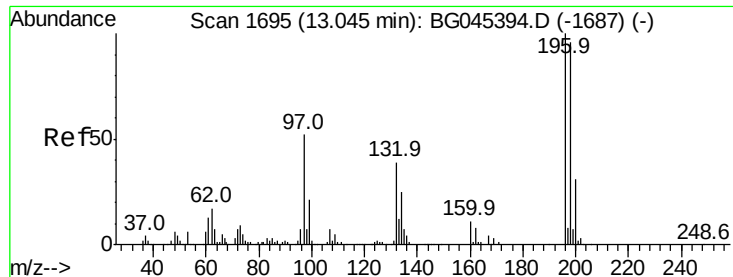


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

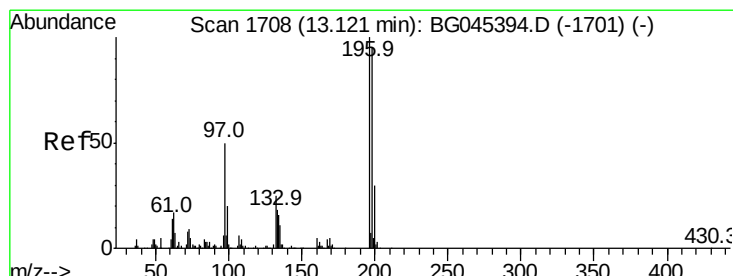
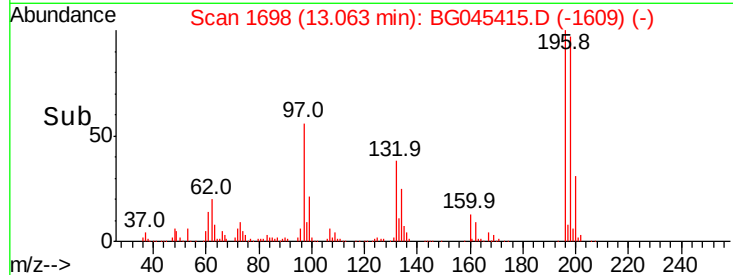
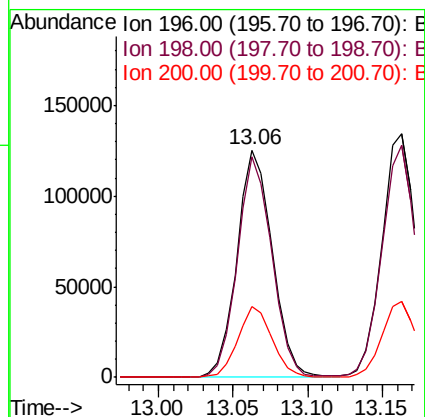
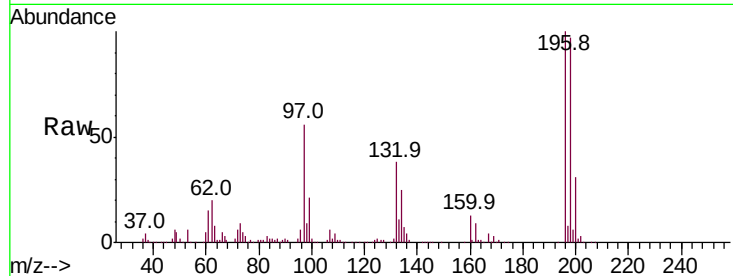




#43
 2,4,6-Trichlorophenol
 Concen: 45.540 ng
 RT: 13.06 min Scan# 1698
 Delta R.T. -0.01 min
 Lab File: BG045415.D
 Acq: 18 May 2020 16:28

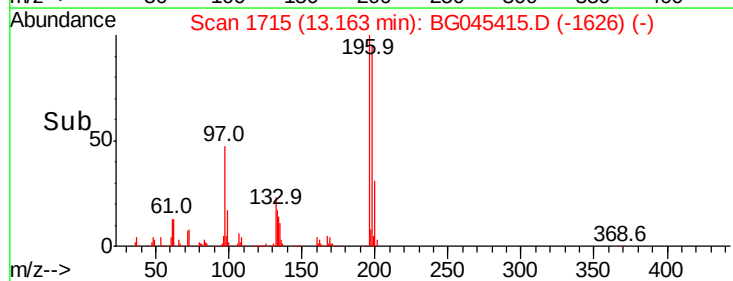
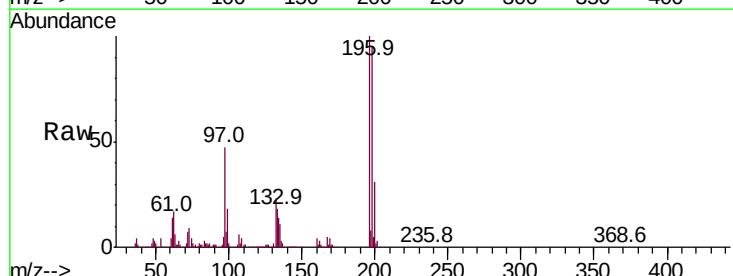
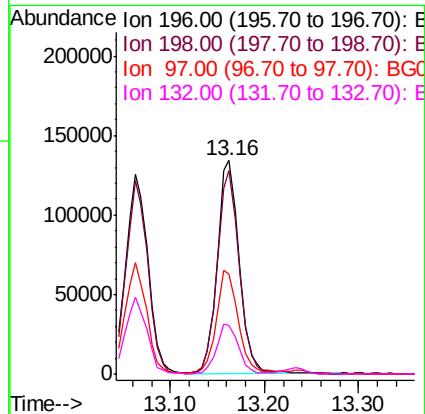
Instrument :
 BNA_G
 ClientSampleId :
 PB128957BS

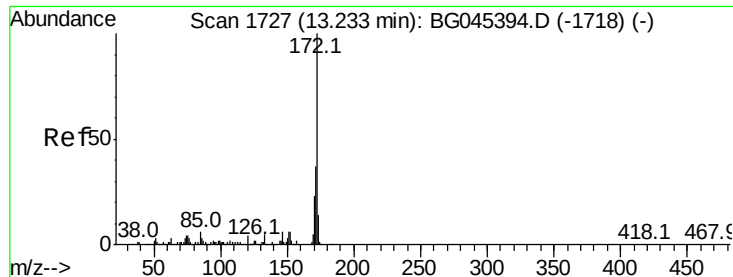
Tot Ion:196 Resp: 206464
 Ion Ratio Lower Upper
 196 100
 198 97.1 76.7 115.1
 200 31.4 24.9 37.3



#44
 2,4,5-Trichlorophenol
 Concen: 42.501 ng
 RT: 13.16 min Scan# 1715
 Delta R.T. -0.01 min
 Lab File: BG045415.D
 Acq: 18 May 2020 16:28

Tgt Ion:196 Resp: 220192
 Ion Ratio Lower Upper
 196 100
 198 95.2 76.1 114.1
 97 47.1 40.0 60.0
 132 22.8 20.2 30.2



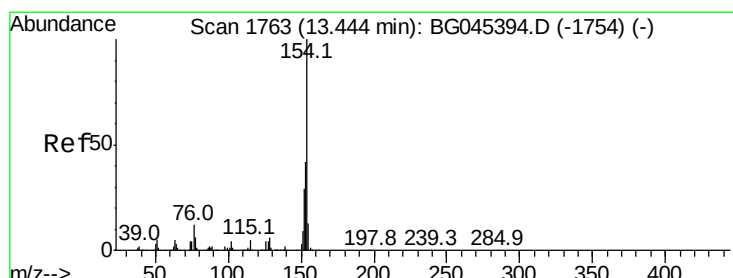
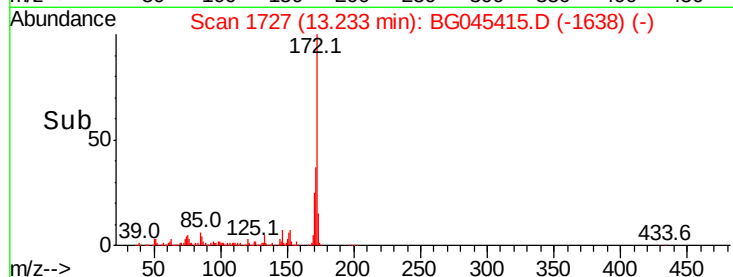
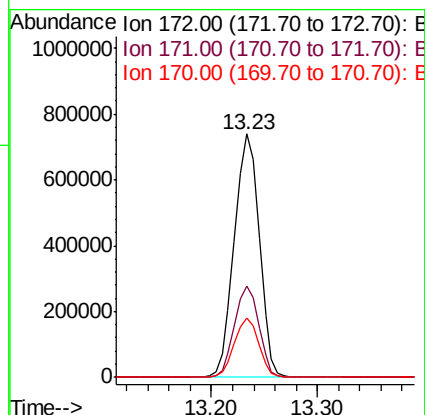
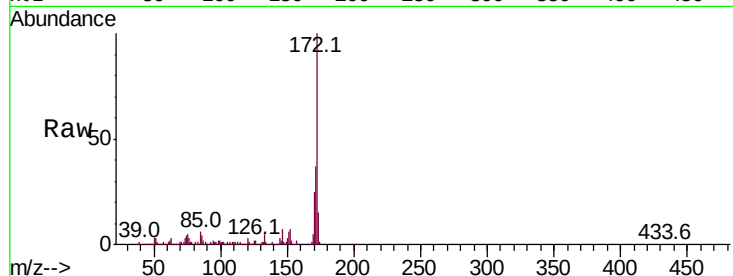


#45
2-Fluorobiphenyl
Concen: 87.544 ng
RT: 13.23 min Scan# 1727
Delta R.T. -0.01 min
Lab File: BG045415.D
Acq: 18 May 2020 16:28

Instrument :
BNA_G
ClientSampleId :
PB128957BS

Tot Ion:172 Resp: 1205962

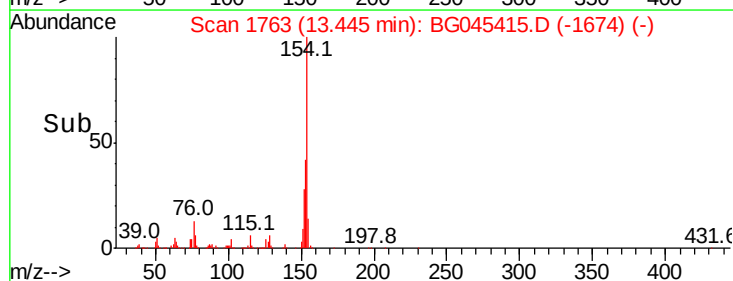
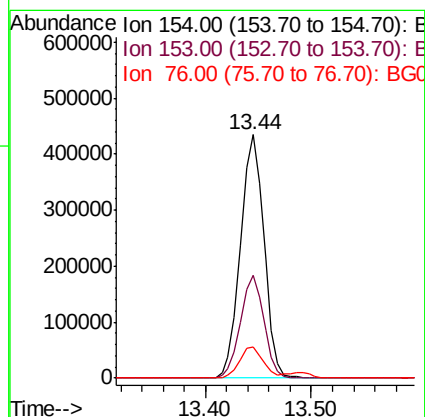
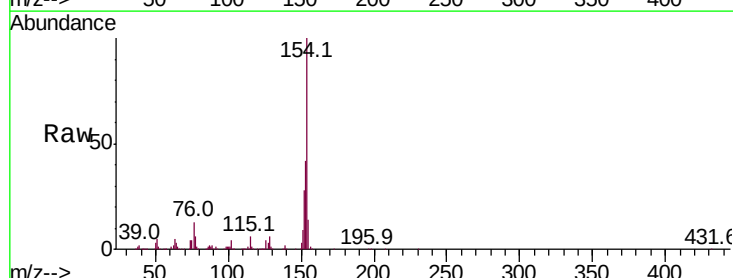
Ion	Ratio	Lower	Upper
172	100		
171	37.4	29.5	44.3
170	24.6	18.5	27.7

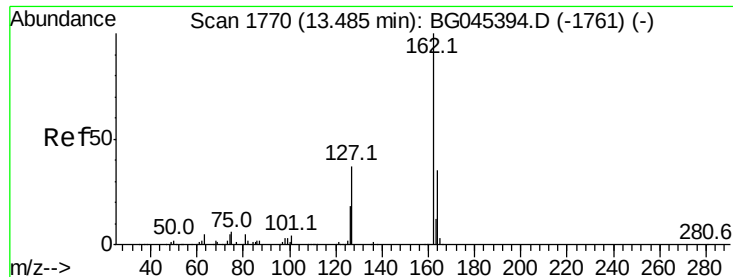


#46
1,1'-Biphenyl
Concen: 46.365 ng
RT: 13.44 min Scan# 1763
Delta R.T. -0.01 min
Lab File: BG045415.D
Acq: 18 May 2020 16:28

Tgt Ion:154 Resp: 665676

Ion	Ratio	Lower	Upper
154	100		
153	42.3	22.2	62.2
76	12.8	0.0	32.4

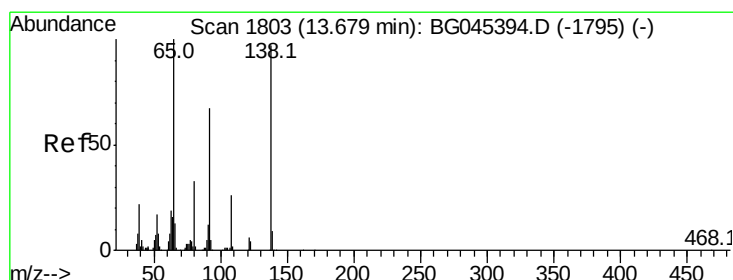
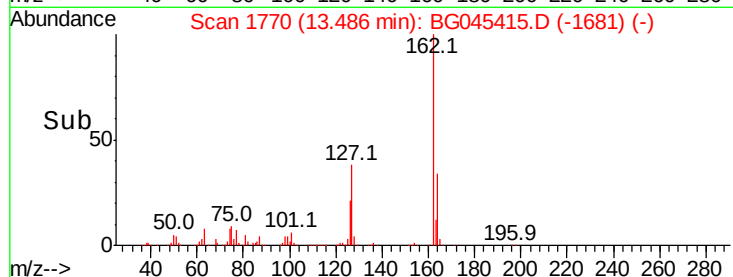
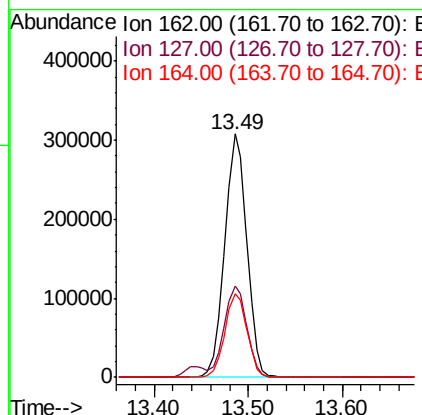
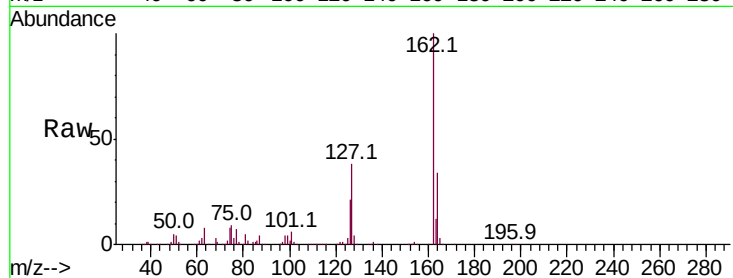




#47
2-Chloronaphthalene
Concen: 43.236 ng
RT: 13.49 min Scan# 1770
Delta R.T. -0.01 min
Lab File: BG045415.D
Acq: 18 May 2020 16:28

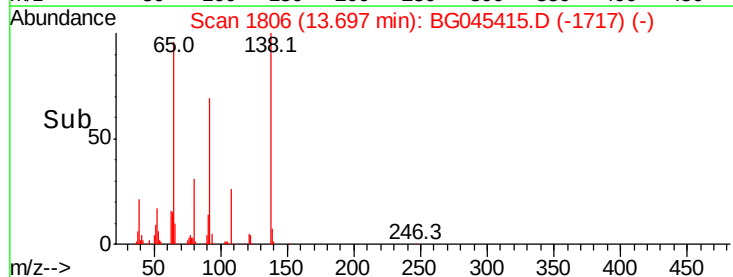
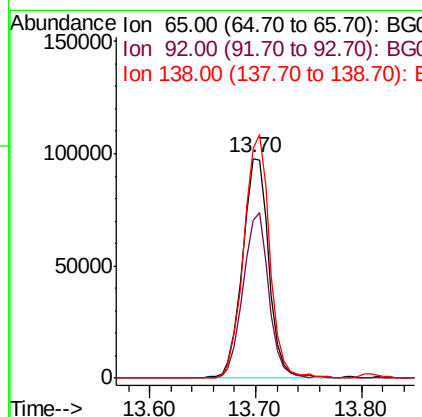
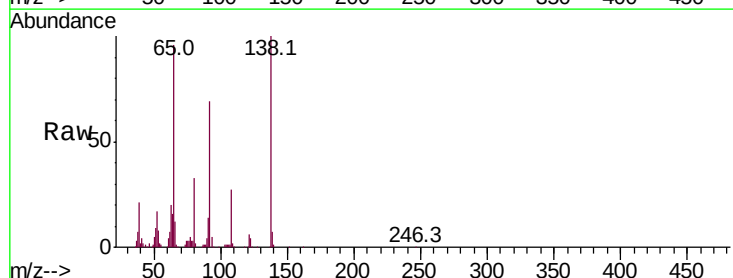
Instrument :
BNA_G
ClientSampleId :
PB128957BS

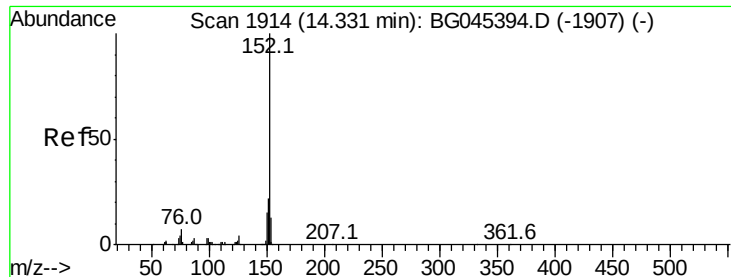
Tot Ion	Ratio	Lower	Upper
162	100		
127	37.7	31.6	47.4
164	34.2	28.1	42.1



#48
2-Nitroaniline
Concen: 43.994 ng
RT: 13.70 min Scan# 1806
Delta R.T. -0.01 min
Lab File: BG045415.D
Acq: 18 May 2020 16:28

Tgt Ion	Ratio	Lower	Upper
65	100		
92	72.0	53.8	80.8
138	104.2	77.9	116.9





#49

Acenaphthylene

Concen: 45.512 ng

RT: 14.33 min Scan# 1914

Delta R.T. -0.01 min

Lab File: BG045415.D

Acq: 18 May 2020 16:28

Instrument :

BNA_G

ClientSampleId :

PB128957BS

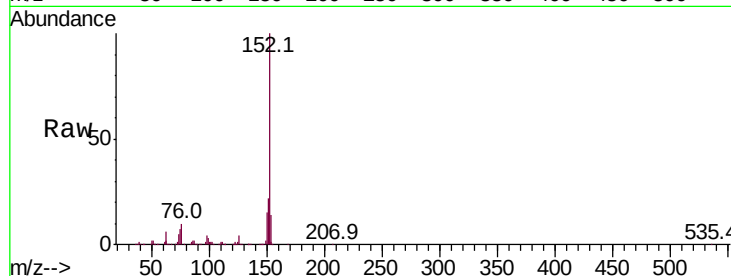
Tot Ion:152 Resp: 852293

Ion Ratio Lower Upper

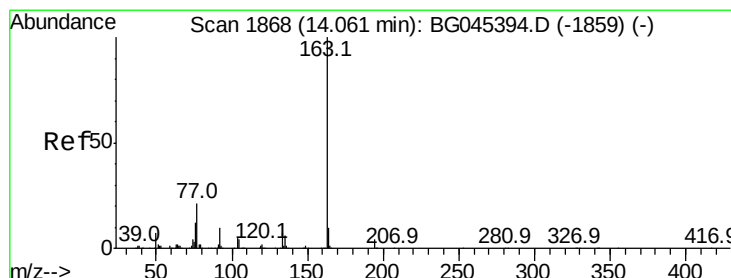
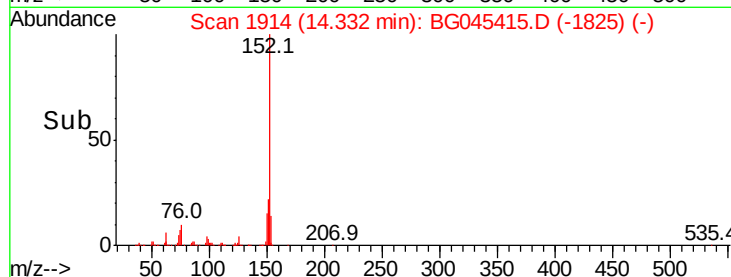
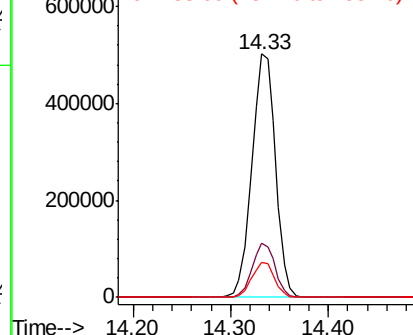
152 100

151 22.4 17.4 26.2

153 14.1 10.7 16.1



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 44.089 ng

RT: 14.07 min Scan# 1869

Delta R.T. -0.01 min

Lab File: BG045415.D

Acq: 18 May 2020 16:28

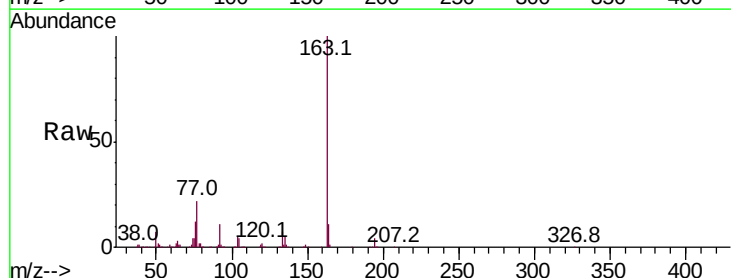
Tgt Ion:163 Resp: 706702

Ion Ratio Lower Upper

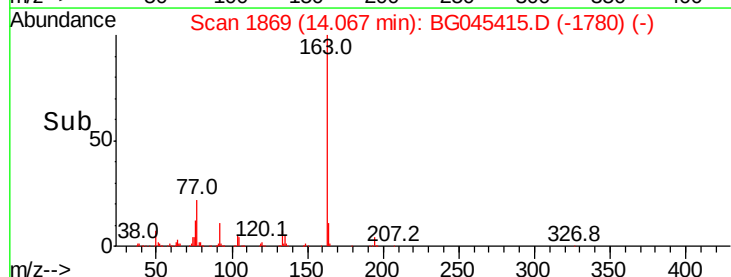
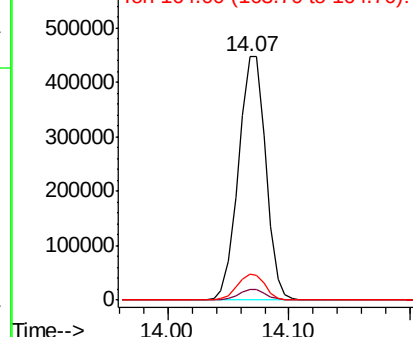
163 100

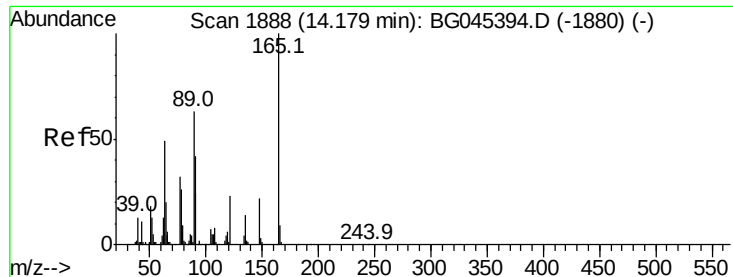
194 4.2 3.2 4.8

164 10.8 8.3 12.5



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

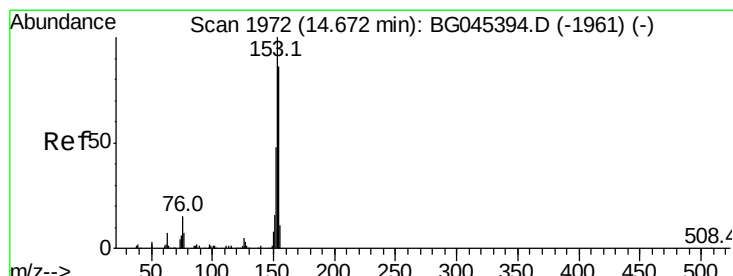
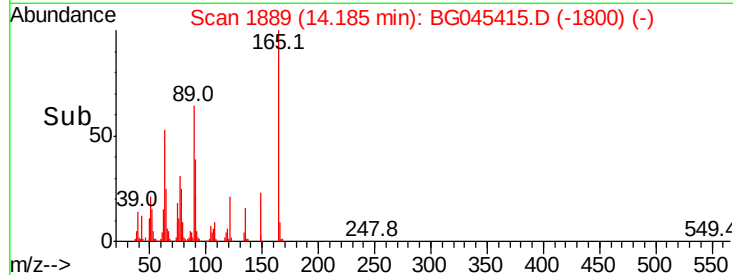
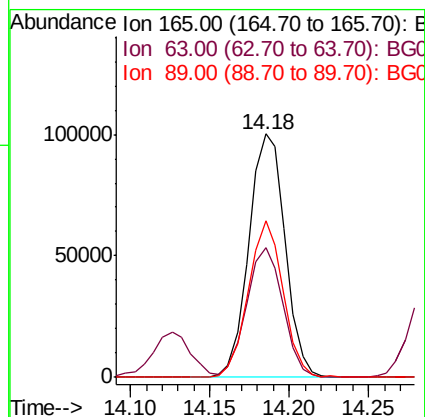
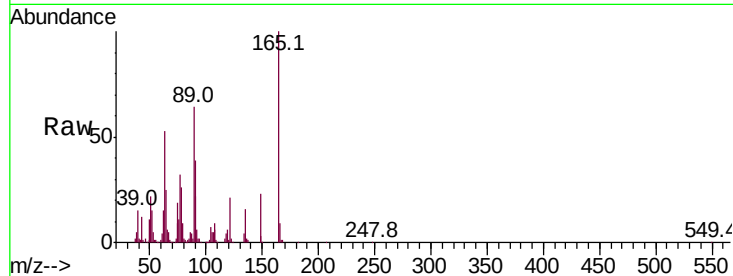




#51
 2,6-Dinitrotoluene
 Concen: 43.943 ng
 RT: 14.18 min Scan# 1889
 Delta R.T. -0.01 min
 Lab File: BG045415.D
 Acq: 18 May 2020 16:28

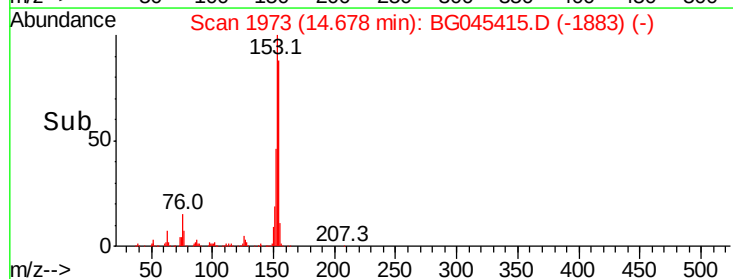
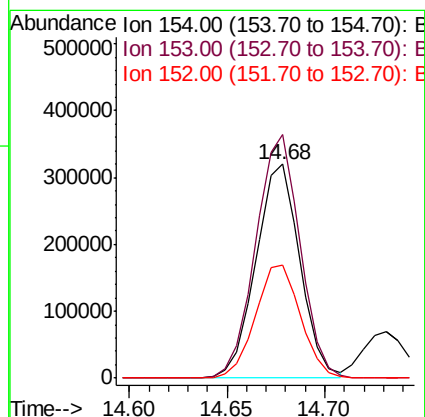
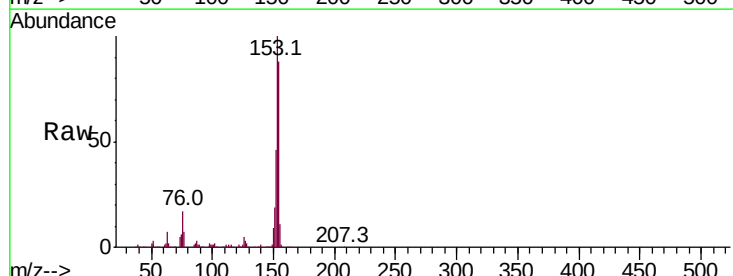
Instrument :
 BNA_G
 ClientSampleId :
 PB128957BS

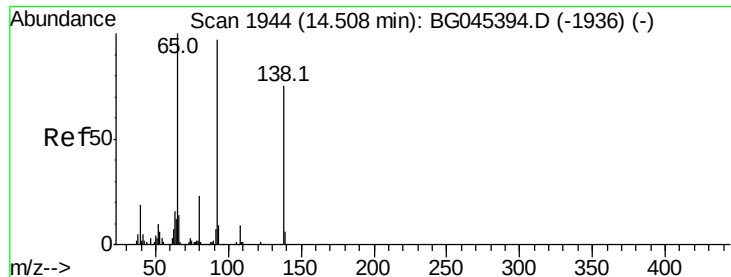
Tot Ion:165 Resp: 158940
 Ion Ratio Lower Upper
 165 100
 63 53.5 45.0 67.4
 89 64.4 50.2 75.4



#52
 Acenaphthene
 Concen: 39.683 ng
 RT: 14.68 min Scan# 1973
 Delta R.T. 0.00 min
 Lab File: BG045415.D
 Acq: 18 May 2020 16:28

Tgt Ion:154 Resp: 497446
 Ion Ratio Lower Upper
 154 100
 153 113.8 92.8 139.2
 152 52.6 44.6 66.8





#53

3-Nitroaniline

Concen: 28.066 ng

RT: 14.53 min Scan# 1948

Delta R.T. -0.01 min

Lab File: BG045415.D

Acq: 18 May 2020 16:28

Instrument :

BNA_G

ClientSampleId :

PB128957BS

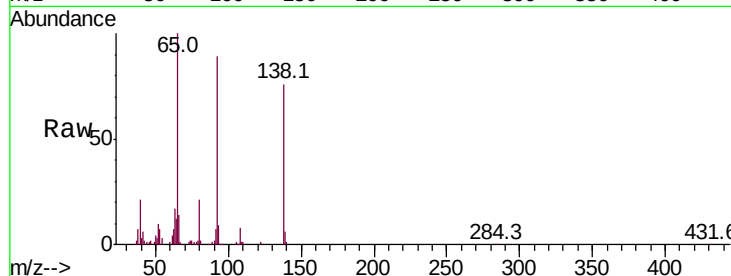
Tot Ion:138 Resp: 103193

Ion Ratio Lower Upper

138 100

108 10.4 9.8 14.6

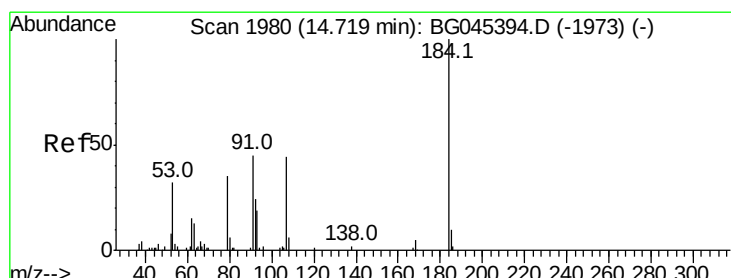
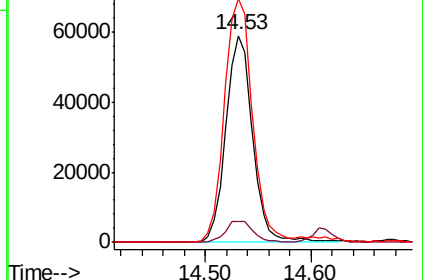
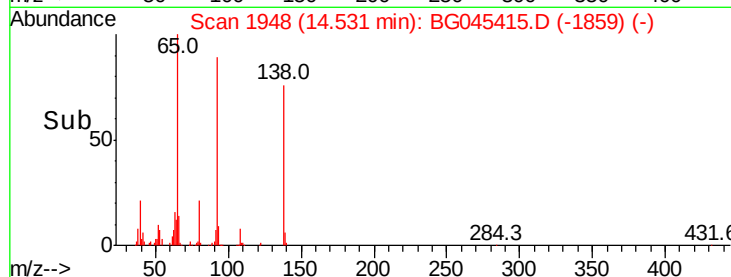
92 117.8 103.0 154.4



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 75.444 ng

RT: 14.73 min Scan# 1982

Delta R.T. 0.00 min

Lab File: BG045415.D

Acq: 18 May 2020 16:28

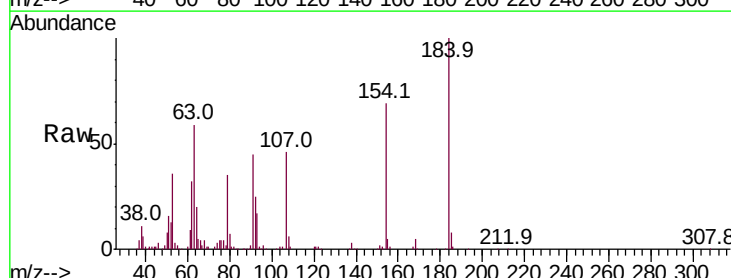
Tgt Ion:184 Resp: 177961

Ion Ratio Lower Upper

184 100

63 59.2 47.8 71.6

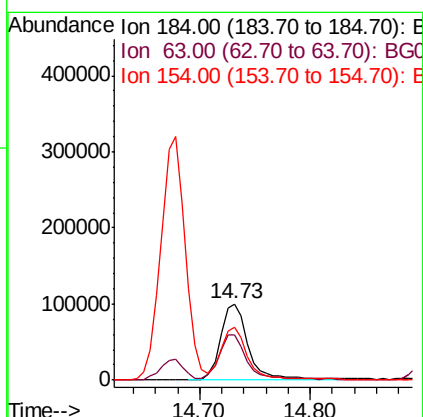
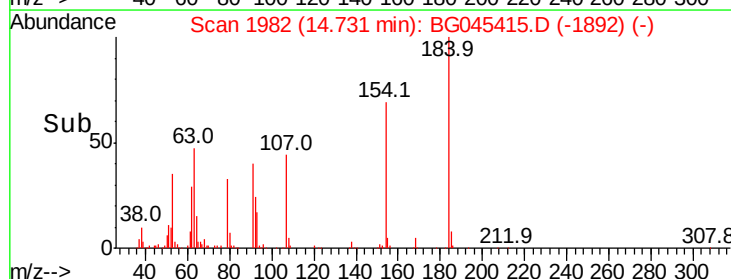
154 68.9 58.3 87.5

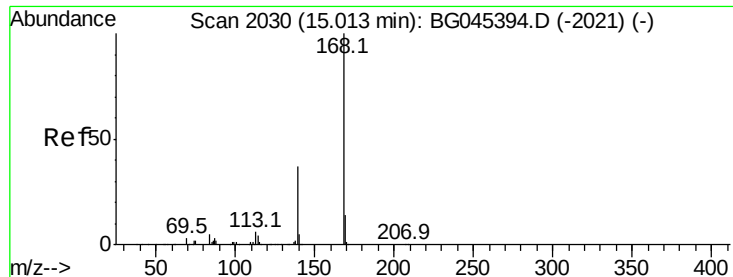


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E





#55

Dibenzofuran

Concen: 43.726 ng

RT: 15.01 min Scan# 2030

Delta R.T. 0.00 min

Lab File: BG045415.D

Acq: 18 May 2020 16:28

Instrument :

BNA_G

ClientSampleId :

PB128957BS

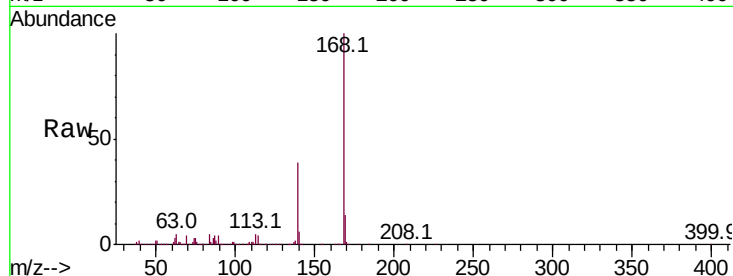
Tot Ion:168 Resp: 813968

Ion Ratio Lower Upper

168 100

139 39.1 29.9 44.9

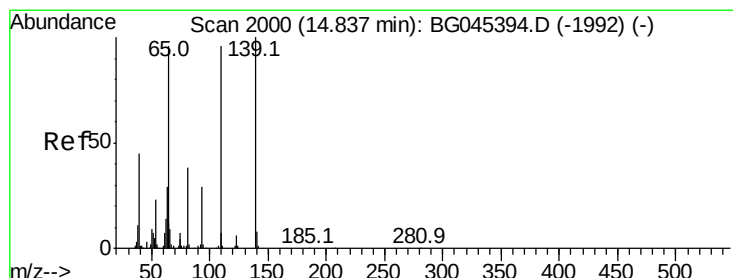
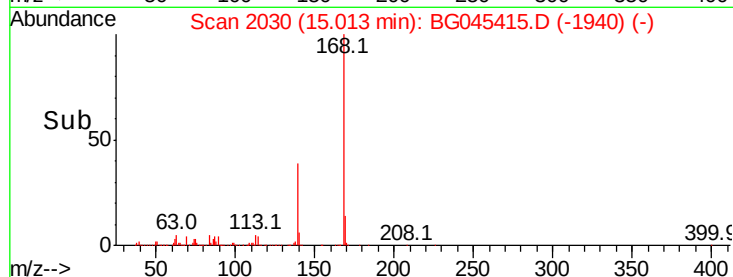
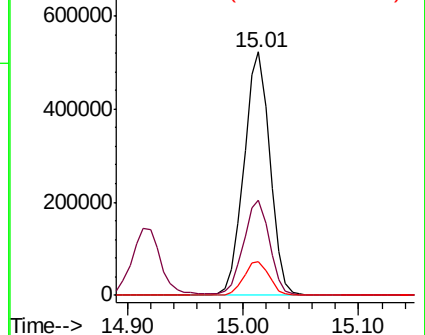
169 14.0 10.9 16.3



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 90.215 ng

RT: 14.91 min Scan# 2013

Delta R.T. -0.01 min

Lab File: BG045415.D

Acq: 18 May 2020 16:28

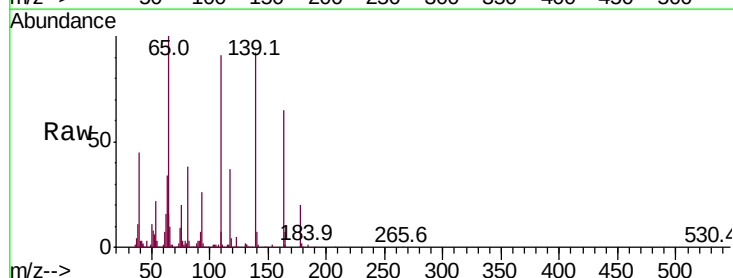
Tgt Ion:139 Resp: 251129

Ion Ratio Lower Upper

139 100

109 98.4 75.6 115.6

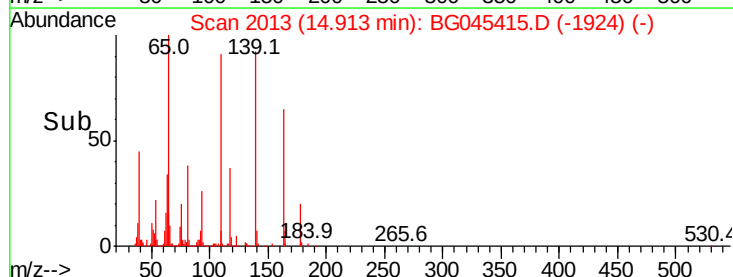
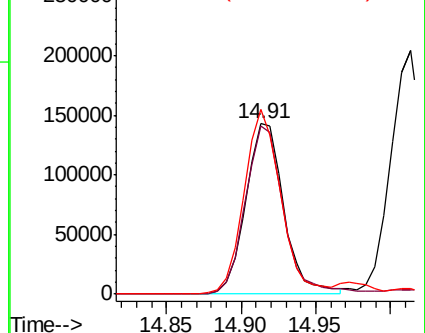
65 108.7 76.8 116.8

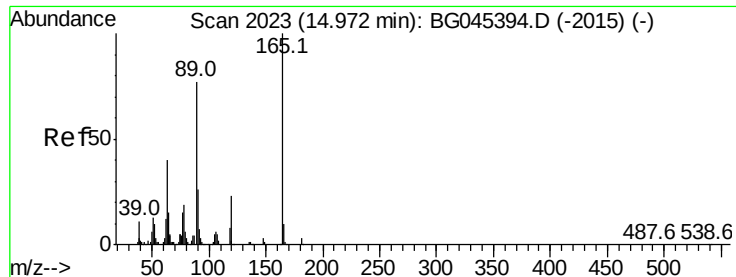


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC





#57

2,4-Dinitrotoluene

Concen: 43.457 ng

RT: 14.98 min Scan# 2024

Delta R.T. 0.00 min

Lab File: BG045415.D

Acq: 18 May 2020 16:28

Instrument :

BNA_G

ClientSampleId :

PB128957BS

Tot Ion:165 Resp: 227641

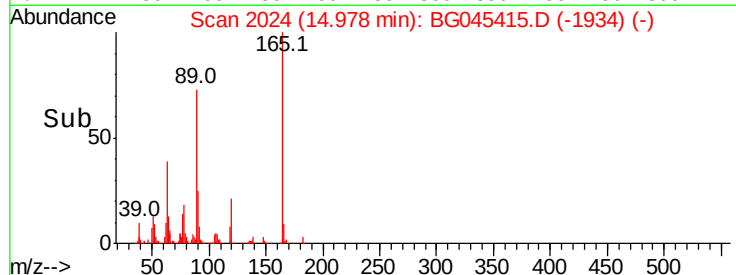
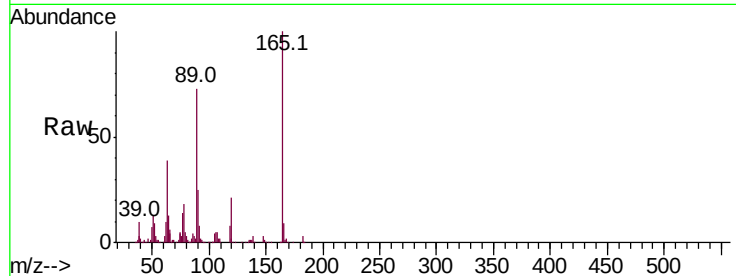
Ion Ratio Lower Upper

165 100

63 38.9 32.5 48.7

89 72.8 61.8 92.6

182 2.7 2.3 3.5

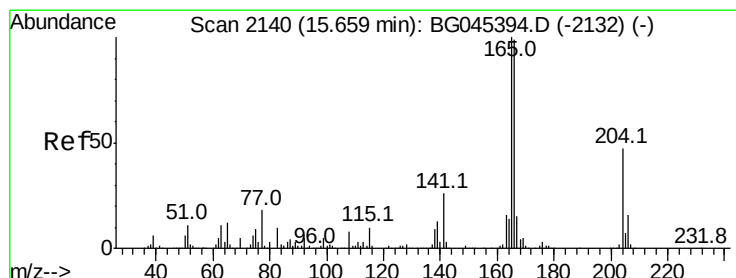
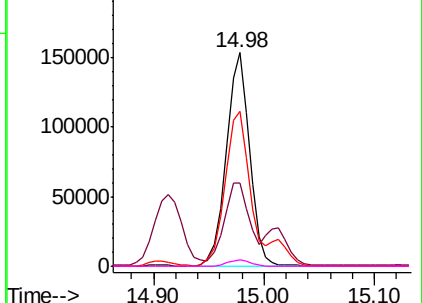


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 44.319 ng

RT: 15.66 min Scan# 2140

Delta R.T. -0.01 min

Lab File: BG045415.D

Acq: 18 May 2020 16:28

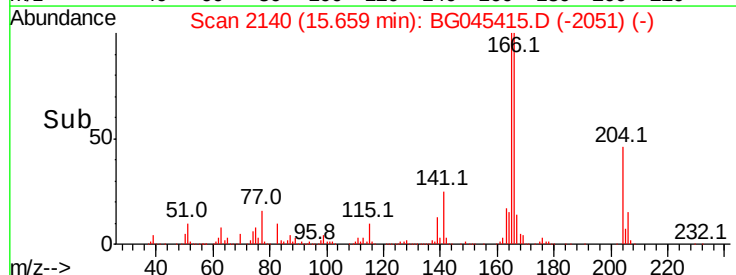
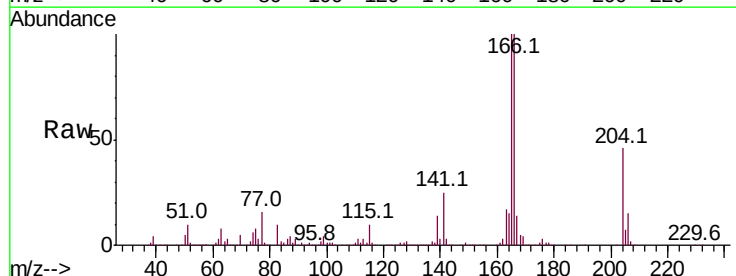
Tgt Ion:166 Resp: 677789

Ion Ratio Lower Upper

166 100

165 99.8 80.8 121.2

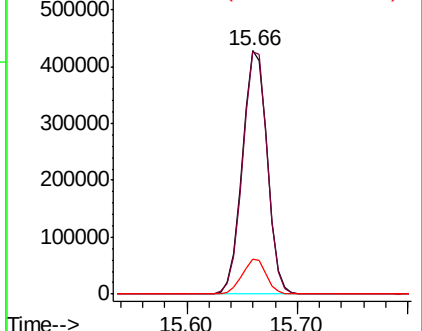
167 14.3 12.0 18.0

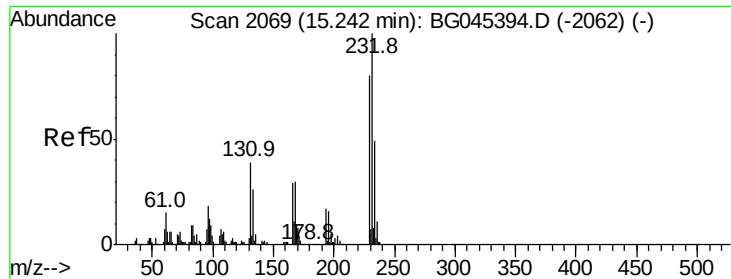


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

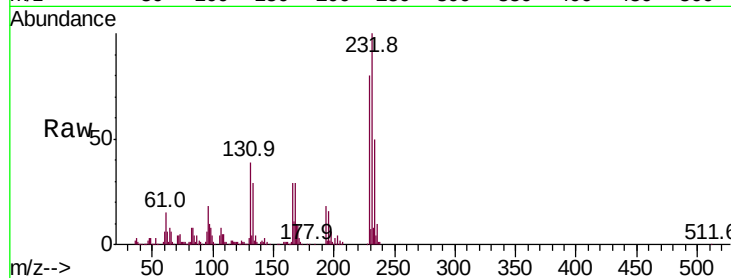




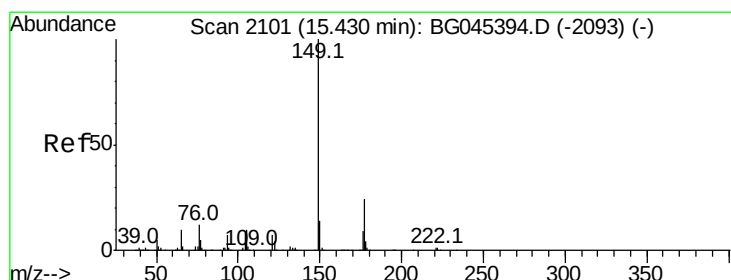
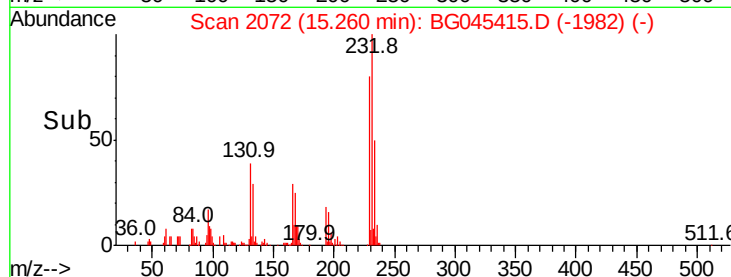
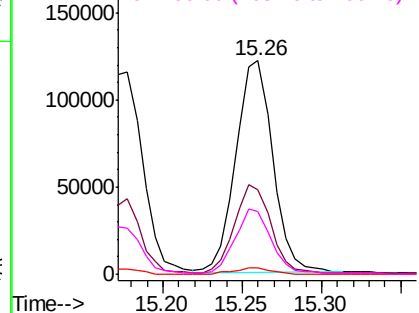
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 43.364 ng
 RT: 15.26 min Scan# 2072
 Delta R.T. 0.00 min
 Lab File: BG045415.D
 Acq: 18 May 2020 16:28

Instrument :
 BNA_G
 ClientSampleId :
 PB128957BS

Tot Ion:	232	Resp:	197652
Ion	Ratio	Lower	Upper
232	100		
131	41.6	33.7	50.5
130	2.9	2.1	3.1
166	28.7	23.2	34.8

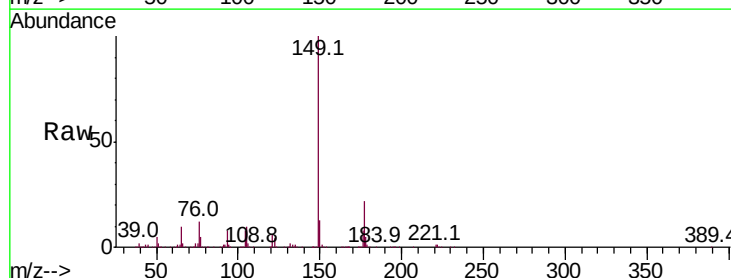


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

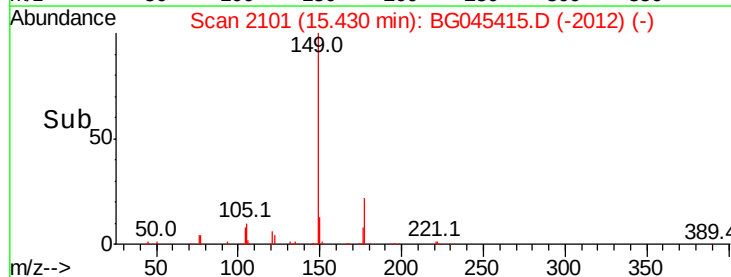
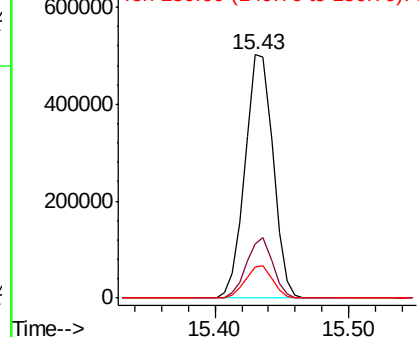


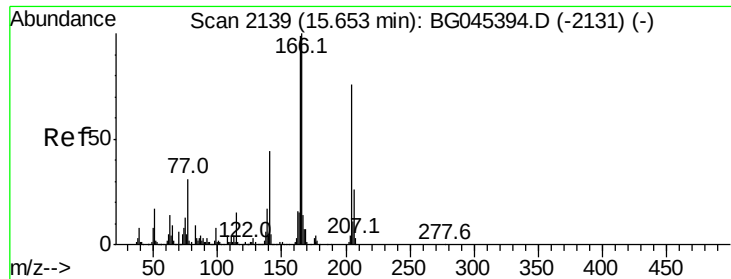
#60
 Diethylphthalate
 Concen: 43.568 ng
 RT: 15.43 min Scan# 2101
 Delta R.T. -0.01 min
 Lab File: BG045415.D
 Acq: 18 May 2020 16:28

Tgt Ion:	149	Resp:	726869
Ion	Ratio	Lower	Upper
149	100		
177	22.4	19.0	28.4
150	12.7	11.4	17.0



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

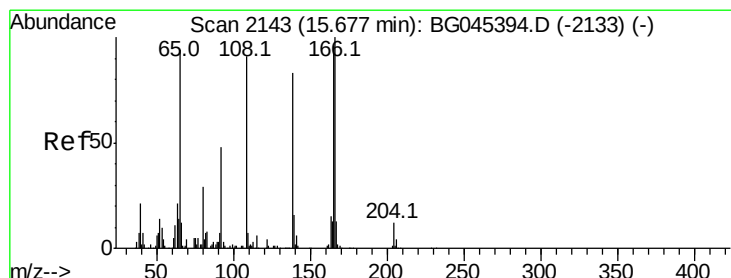
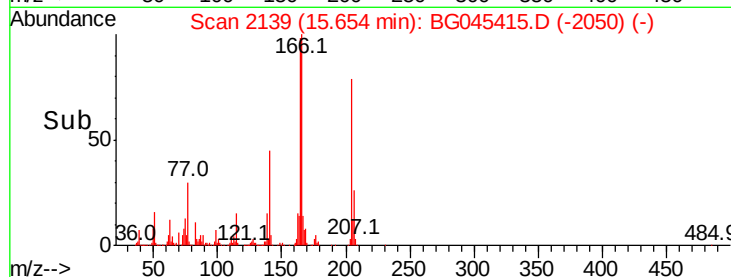
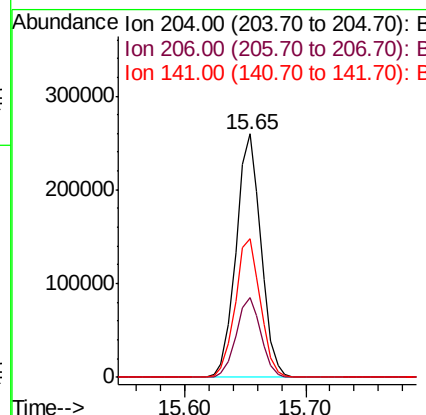
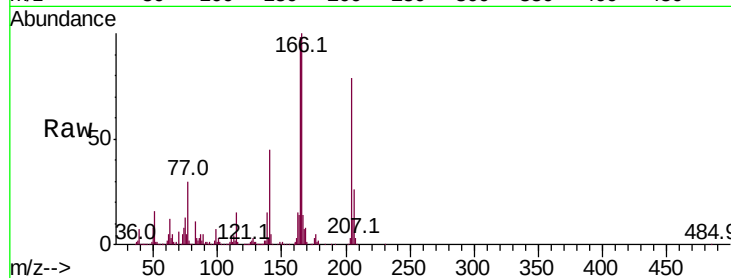




#61
 4-Chlorophenyl-phenylether
 Concen: 42.389 ng
 RT: 15.65 min Scan# 2139
 Delta R.T. -0.01 min
 Lab File: BG045415.D
 Acq: 18 May 2020 16:28

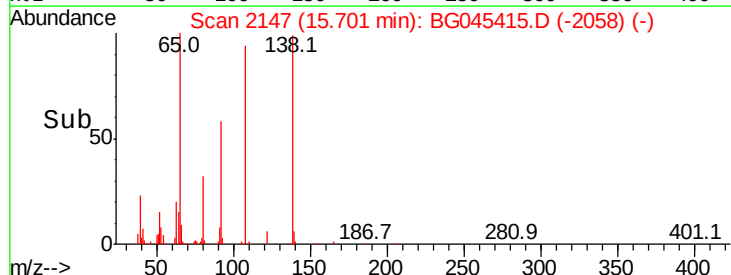
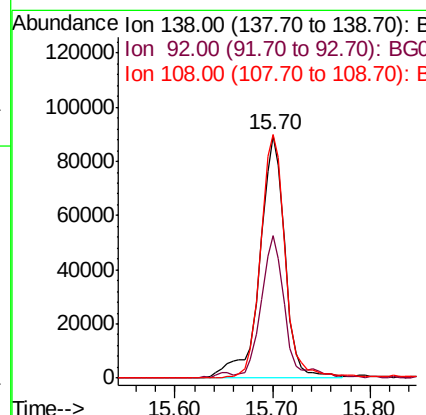
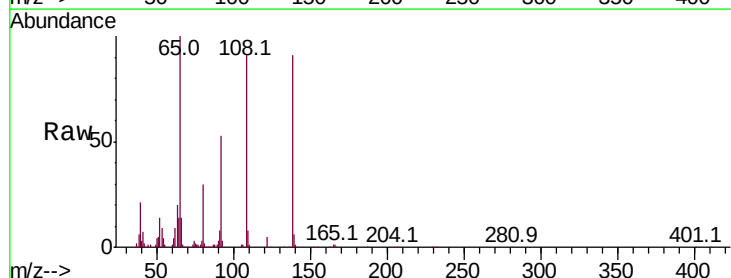
Instrument :
 BNA_G
 ClientSampleId :
 PB128957BS

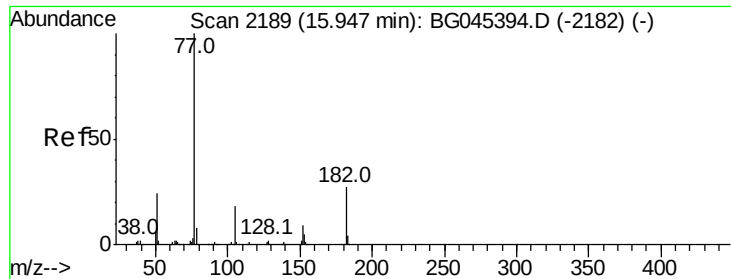
Tot Ion	Ratio	Lower	Upper
204	100		
206	32.5	27.3	40.9
141	56.9	45.9	68.9



#62
 4-Nitroaniline
 Concen: 42.472 ng
 RT: 15.70 min Scan# 2147
 Delta R.T. -0.01 min
 Lab File: BG045415.D
 Acq: 18 May 2020 16:28

Tgt Ion	Ratio	Lower	Upper
138	100		
92	58.6	38.0	78.0
108	100.3	89.3	129.3

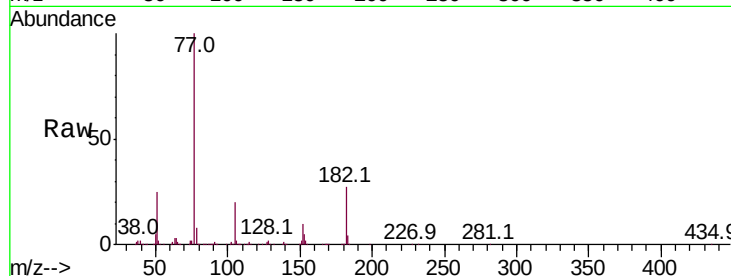




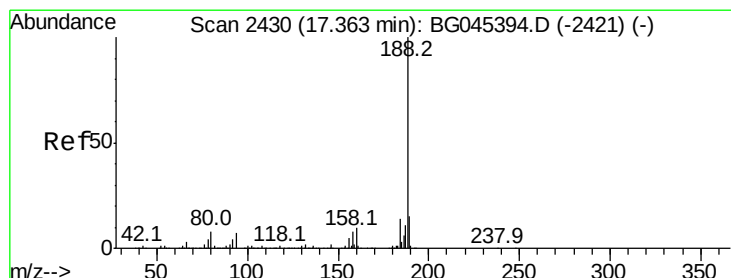
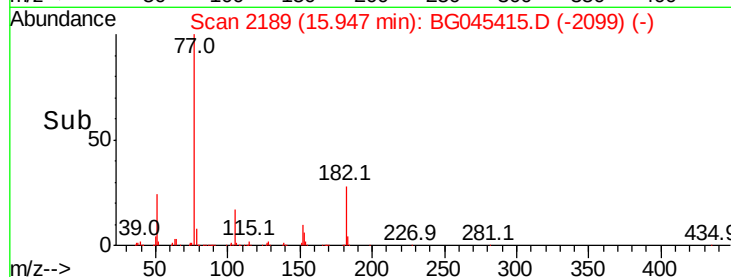
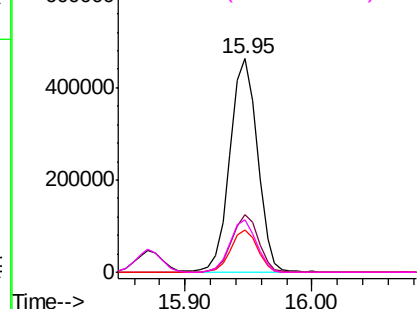
#63
Azobenzene
Concen: 44.409 ng
RT: 15.95 min Scan# 2189
Delta R.T. 0.00 min
Lab File: BG045415.D
Acq: 18 May 2020 16:28

Instrument :
BNA_G
ClientSampleId :
PB128957BS

Tot Ion:	77	Resp:	690847
Ion	Ratio	Lower	Upper
77	100		
182	27.0	6.5	46.5
105	19.8	0.0	37.9
51	24.6	4.1	44.1

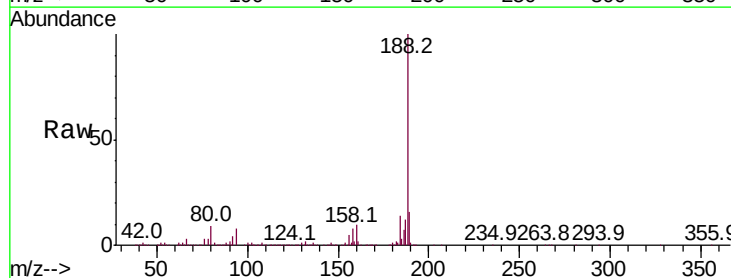


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

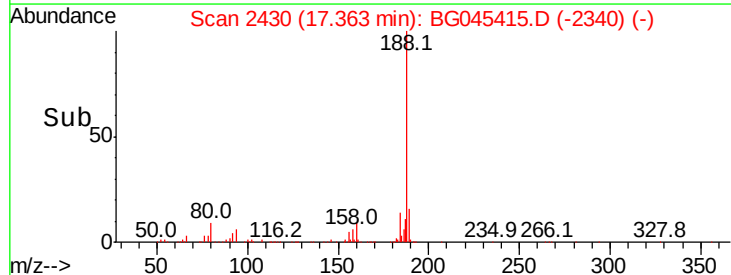
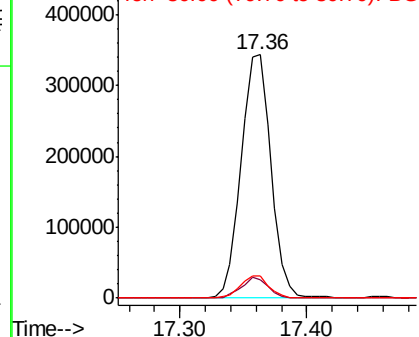


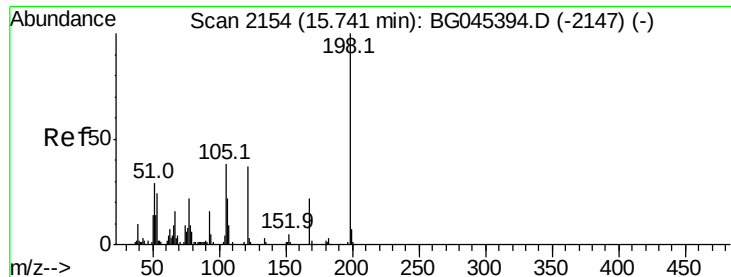
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.36 min Scan# 2430
Delta R.T. 0.00 min
Lab File: BG045415.D
Acq: 18 May 2020 16:28

Tgt Ion:	188	Resp:	559693
Ion	Ratio	Lower	Upper
188	100		
94	7.8	5.5	8.3
80	8.9	6.6	10.0



Abundance Ion 188.00 (187.70 to 188.70): BGC
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

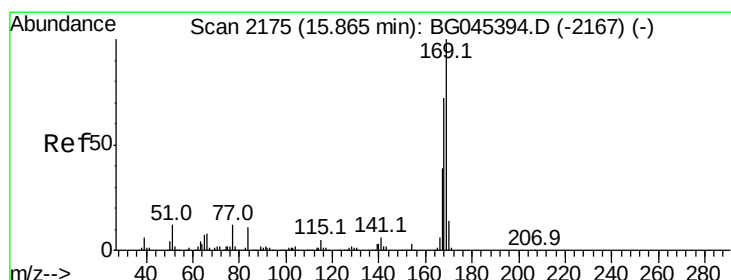
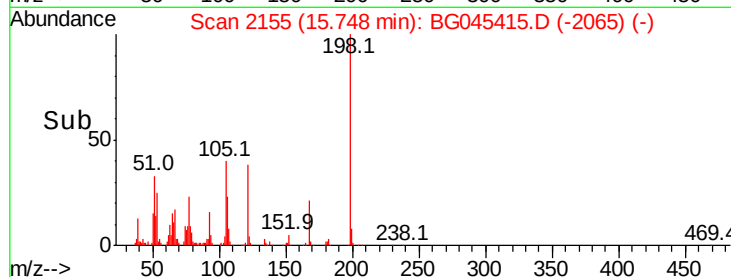
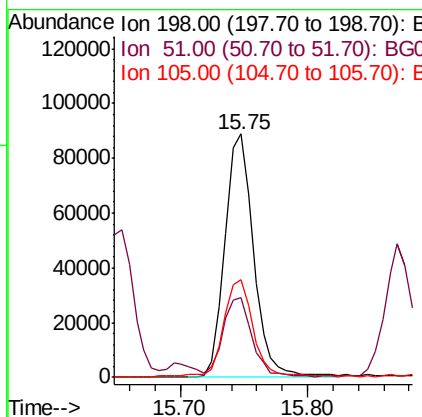
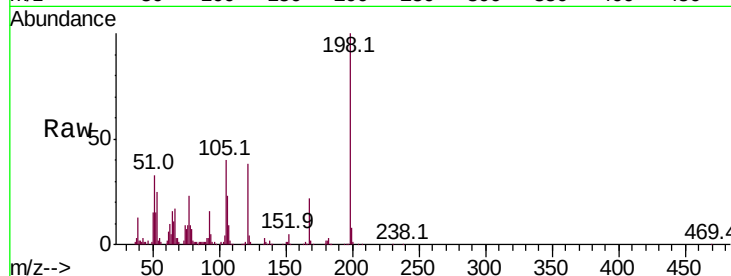




#65
4,6-Dinitro-2-methylphenol
Concen: 42.734 ng
RT: 15.75 min Scan# 2155
Delta R.T. 0.00 min
Lab File: BG045415.D
Acq: 18 May 2020 16:28

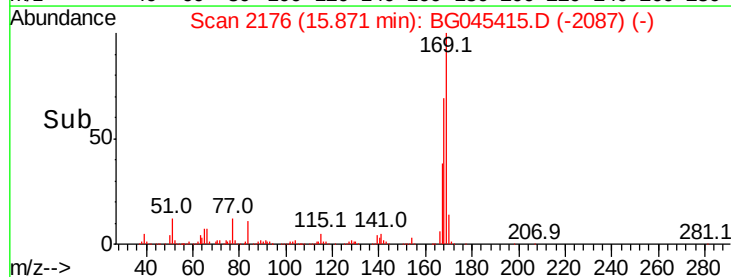
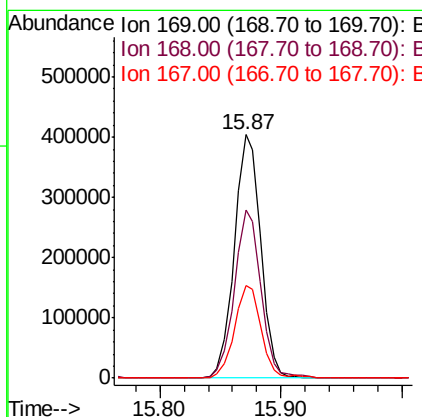
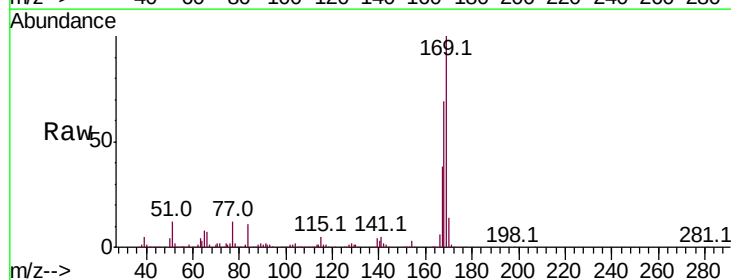
Instrument :
BNA_G
ClientSampleId :
PB128957BS

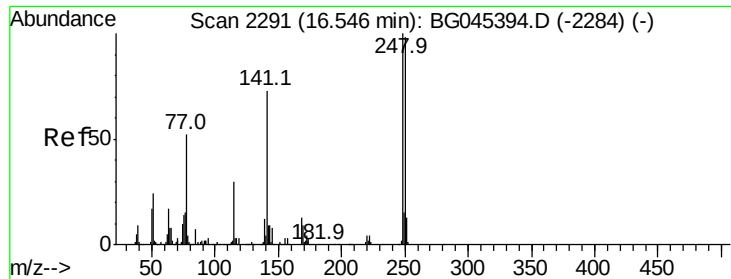
Tot Ion	Ratio	Lower	Upper
198	100		
51	32.9	10.0	50.0
105	40.2	18.9	58.9



#66
n-Nitrosodiphenylamine
Concen: 45.704 ng
RT: 15.87 min Scan# 2176
Delta R.T. -0.01 min
Lab File: BG045415.D
Acq: 18 May 2020 16:28

Tgt Ion	Ratio	Lower	Upper
169	100		
168	69.2	57.8	86.6
167	37.9	31.5	47.3

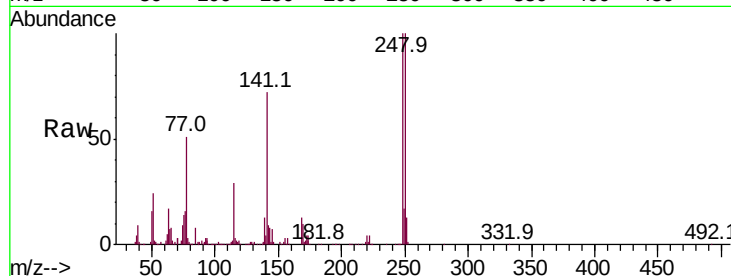




#67
 4-Bromophenyl-phenylether
 Concen: 42.544 ng
 RT: 16.55 min Scan# 2291
 Delta R.T. -0.01 min
 Lab File: BG045415.D
 Acq: 18 May 2020 16:28

Instrument :
 BNA_G
 ClientSampleId :
 PB128957BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	99.6	78.6	117.8
141	72.2	58.2	87.2

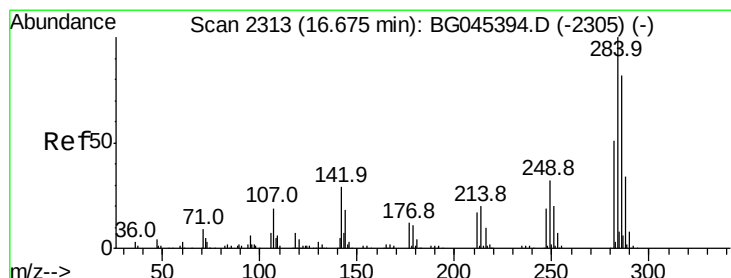
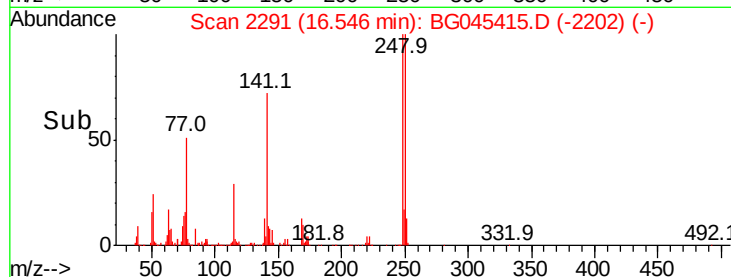
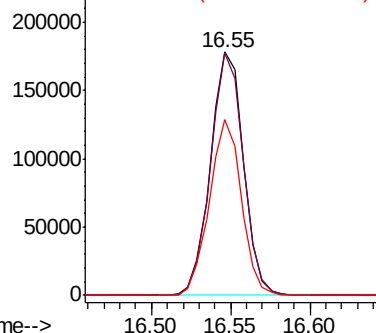


Abundance

Ion 248.00 (247.70 to 248.70): E

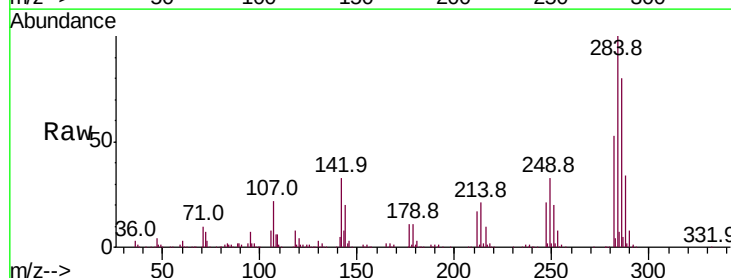
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
 Hexachlorobenzene
 Concen: 44.027 ng
 RT: 16.67 min Scan# 2312
 Delta R.T. -0.01 min
 Lab File: BG045415.D
 Acq: 18 May 2020 16:28

Tgt Ion	Ratio	Lower	Upper
284	100		
142	32.7	23.0	34.6
249	32.6	25.8	38.6

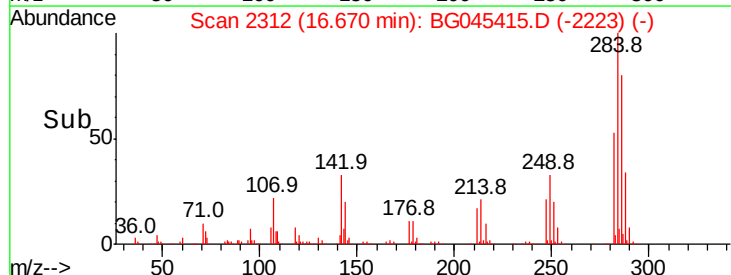
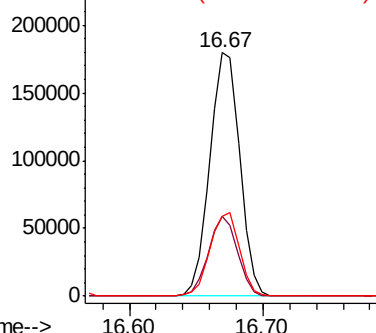


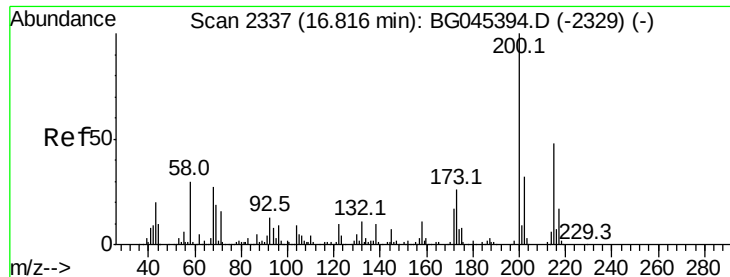
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 43.152 ng

RT: 16.82 min Scan# 2338

Delta R.T. -0.01 min

Lab File: BG045415.D

Acq: 18 May 2020 16:28

Instrument :

BNA_G

ClientSampleId :

PB128957BS

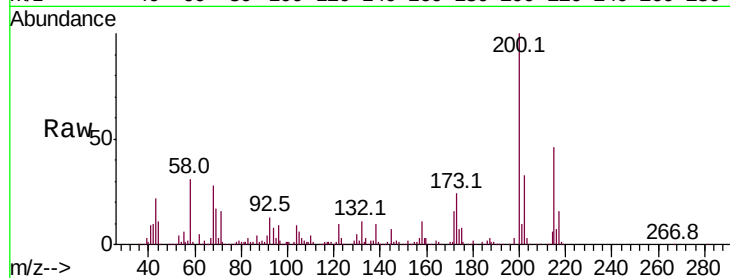
Tot Ion:200 Resp: 238850

Ion Ratio Lower Upper

200 100

173 23.7 5.5 45.5

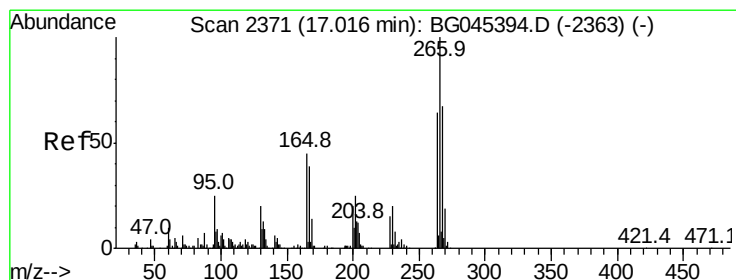
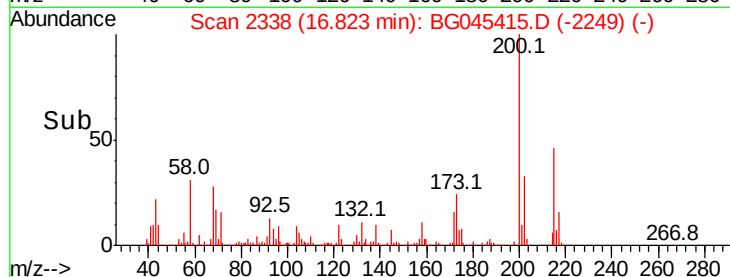
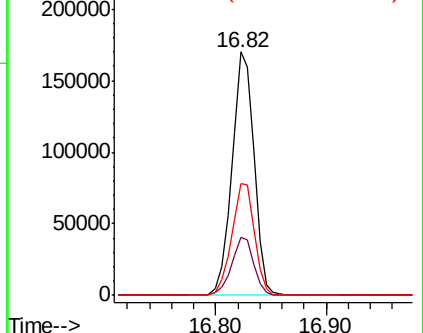
215 46.0 28.2 68.2



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: 79.058 ng

RT: 17.03 min Scan# 2373

Delta R.T. -0.01 min

Lab File: BG045415.D

Acq: 18 May 2020 16:28

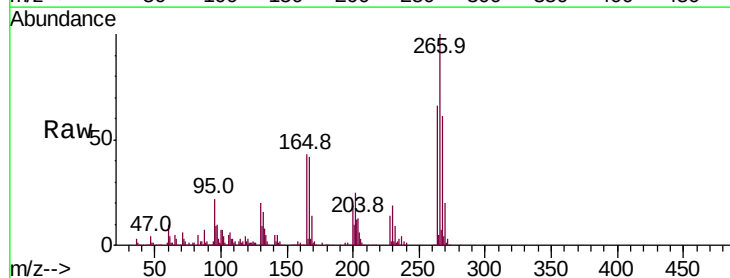
Tgt Ion:266 Resp: 260210

Ion Ratio Lower Upper

266 100

268 61.4 53.2 79.8

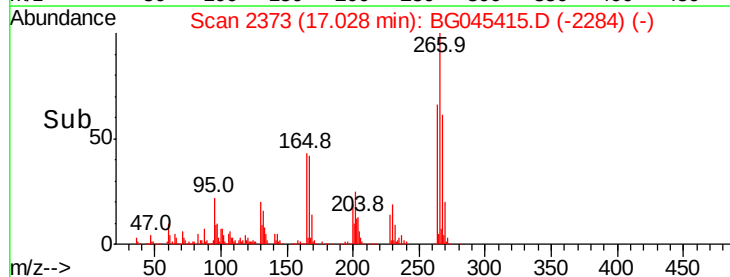
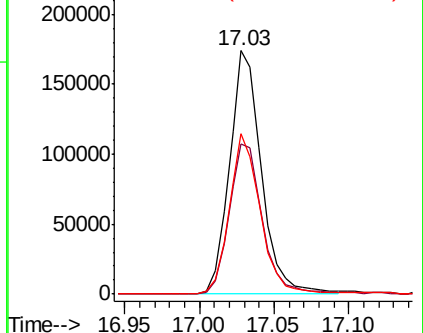
264 65.8 51.0 76.4

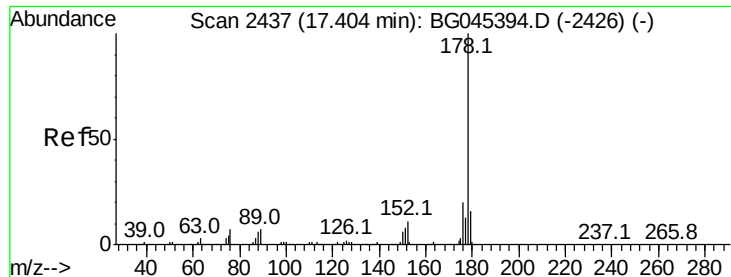


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

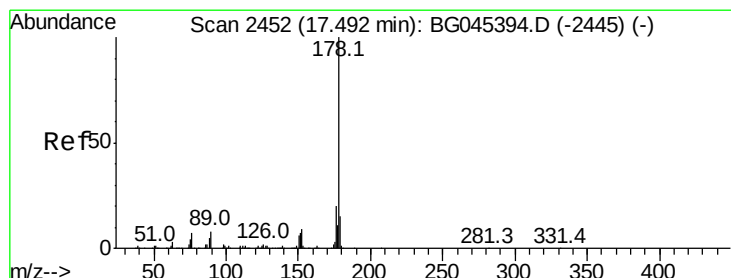
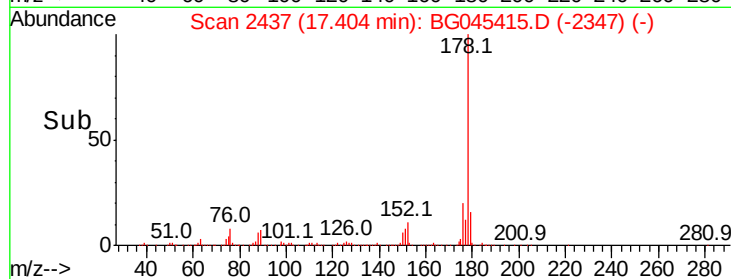
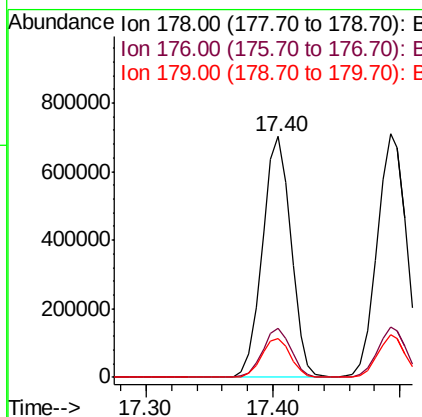
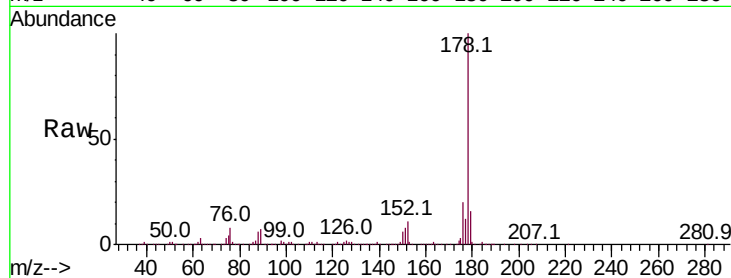




#71
Phenanthrene
Concen: 45.142 ng
RT: 17.40 min Scan# 2437
Delta R.T. 0.00 min
Lab File: BG045415.D
Acq: 18 May 2020 16:28

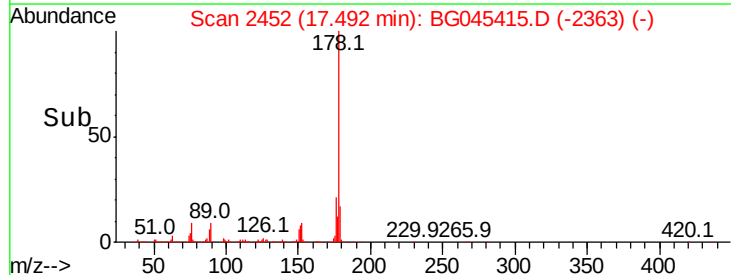
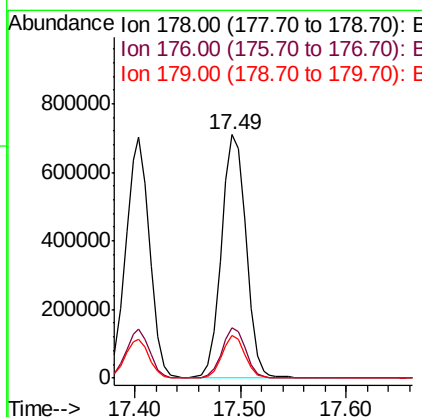
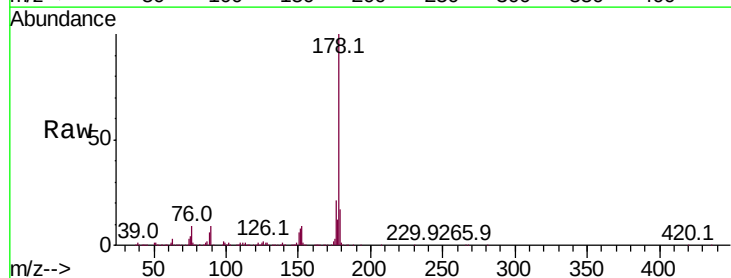
Instrument :
BNA_G
ClientSampleId :
PB128957BS

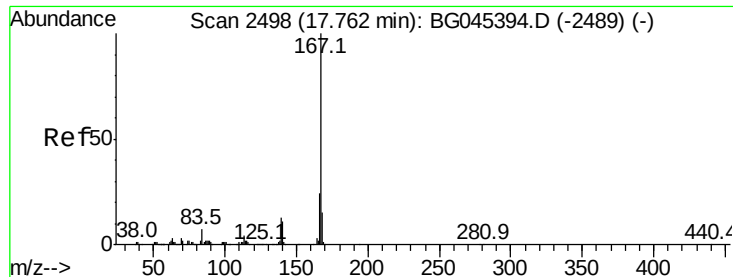
Tot Ion:178 Resp: 1102997
Ion Ratio Lower Upper
178 100
176 20.3 16.2 24.4
179 16.1 13.1 19.7



#72
Anthracene
Concen: 46.615 ng
RT: 17.49 min Scan# 2452
Delta R.T. -0.01 min
Lab File: BG045415.D
Acq: 18 May 2020 16:28

Tgt Ion:178 Resp: 1143797
Ion Ratio Lower Upper
178 100
176 20.8 15.8 23.6
179 17.3 12.2 18.4





#73

Carbazole

Concen: 43.968 ng

RT: 17.77 min Scan# 2500

Delta R.T. 0.00 min

Lab File: BG045415.D

Acq: 18 May 2020 16:28

Instrument :

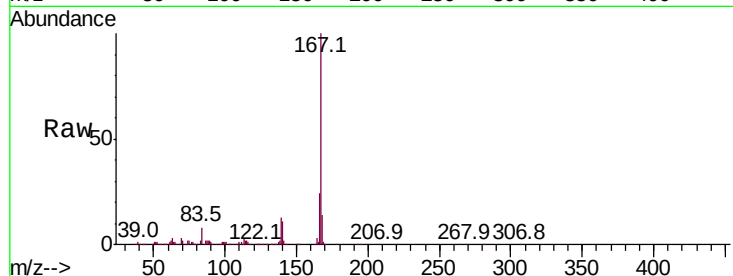
BNA_G

ClientSampleId :

PB128957BS

Tot Ion:167 Resp: 1051617

Ion	Ratio	Lower	Upper
167	100		
166	23.8	19.2	28.8
139	13.4	10.6	16.0

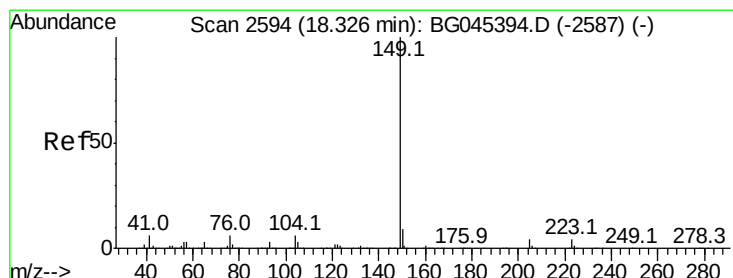
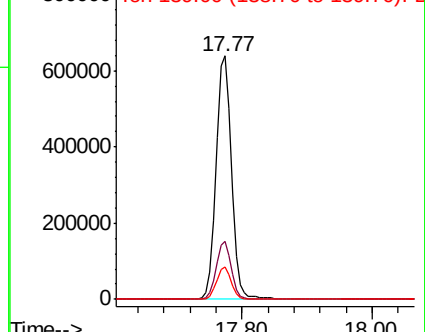
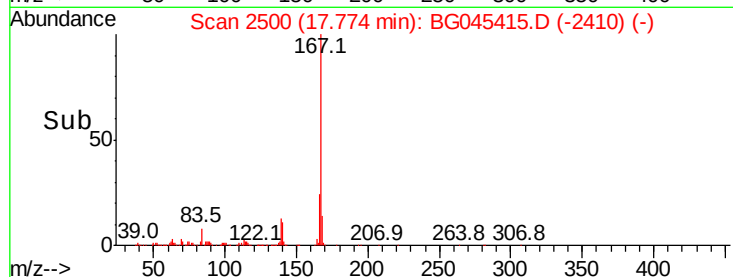


Abundance

Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 43.873 ng

RT: 18.33 min Scan# 2594

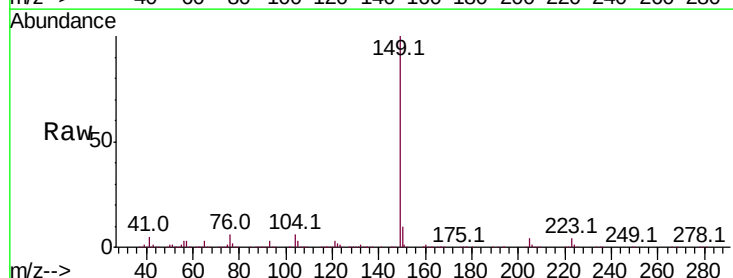
Delta R.T. 0.00 min

Lab File: BG045415.D

Acq: 18 May 2020 16:28

Tgt Ion:149 Resp: 1259486

Ion	Ratio	Lower	Upper
149	100		
150	10.0	7.6	11.4
104	6.0	5.0	7.4

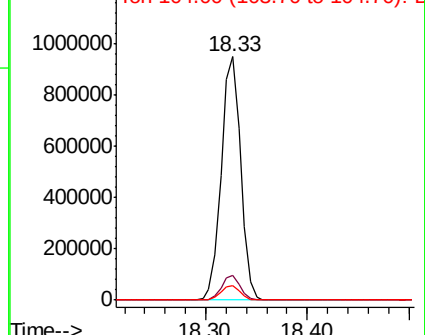
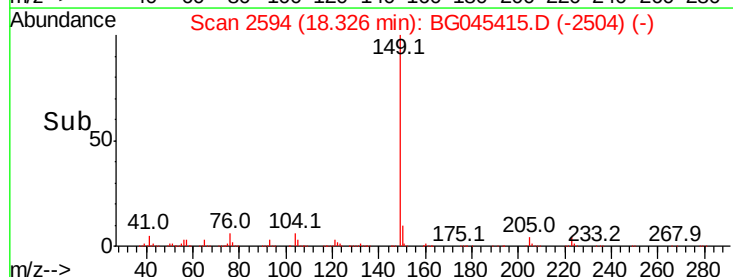


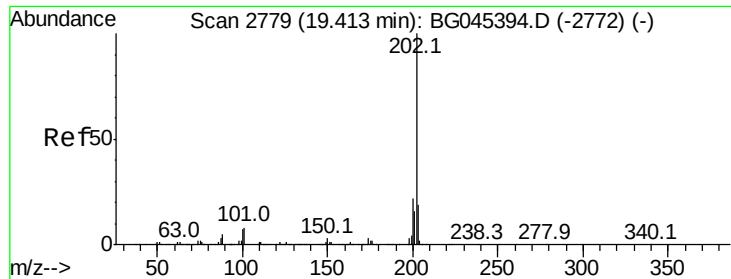
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 44.374 ng

RT: 19.41 min Scan# 2779

Delta R.T. 0.00 min

Lab File: BG045415.D

Acq: 18 May 2020 16:28

Instrument :

BNA_G

ClientSampleId :

PB128957BS

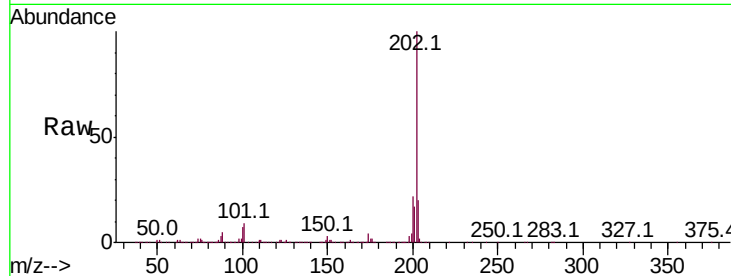
Tot Ion:202 Resp: 1379076

Ion Ratio Lower Upper

202 100

101 9.0 0.0 28.3

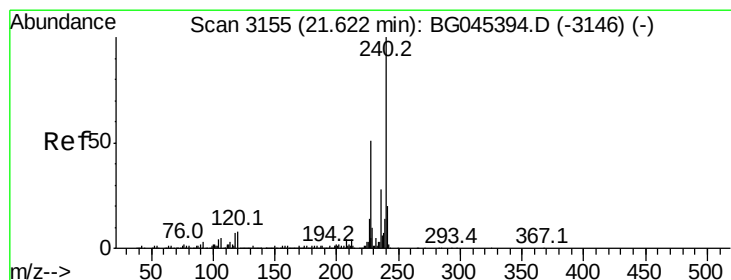
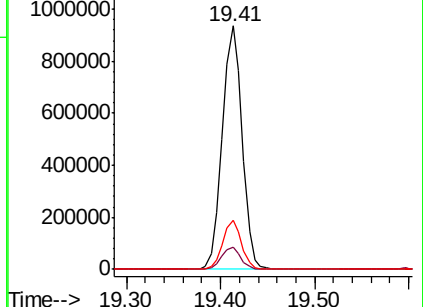
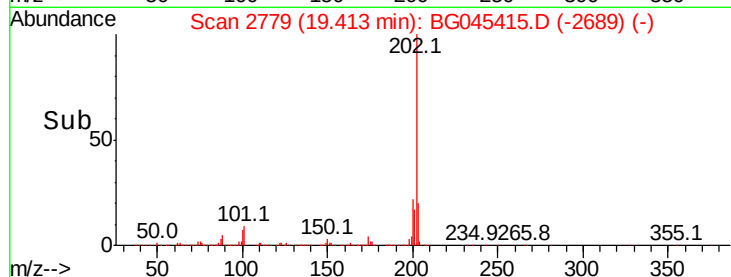
203 20.0 0.0 39.0



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: 21.62 min Scan# 3155

Delta R.T. -0.01 min

Lab File: BG045415.D

Acq: 18 May 2020 16:28

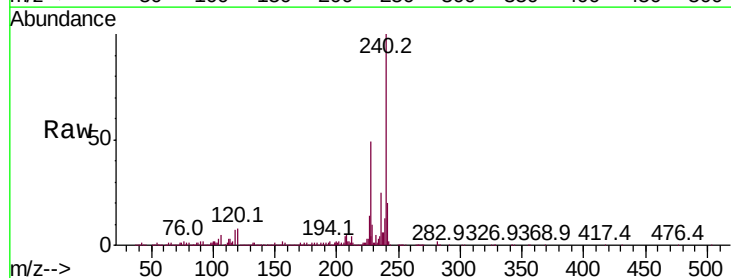
Tgt Ion:240 Resp: 514145

Ion Ratio Lower Upper

240 100

120 7.8 6.1 9.1

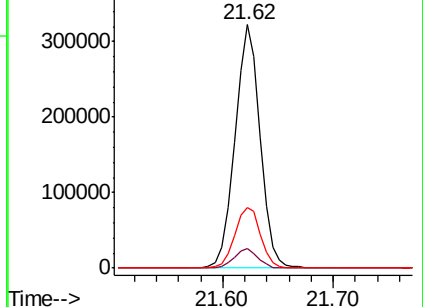
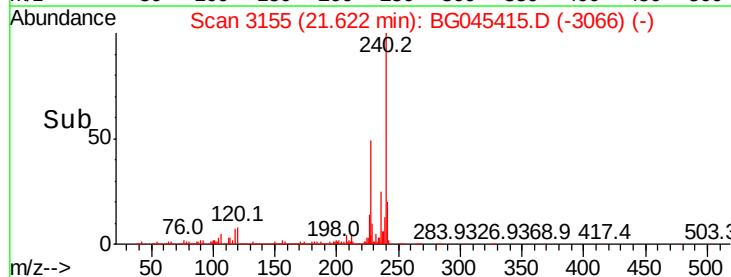
236 24.9 22.3 33.5

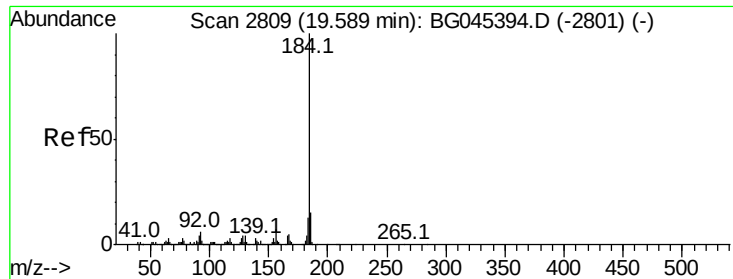


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 49.331 ng

RT: 19.60 min Scan# 2810

Delta R.T. 0.00 min

Lab File: BG045415.D

Acq: 18 May 2020 16:28

Instrument :

BNA_G

ClientSampleId :

PB128957BS

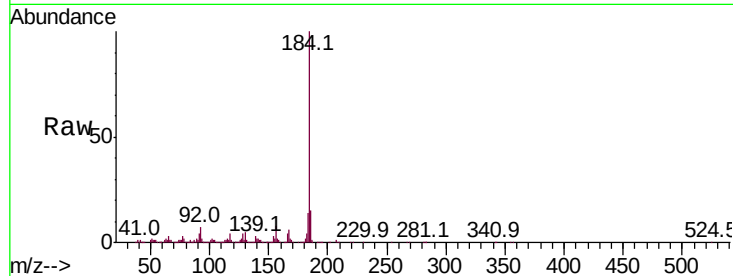
Tot Ion:184 Resp: 712335

Ion Ratio Lower Upper

184 100

185 15.1 11.7 17.5

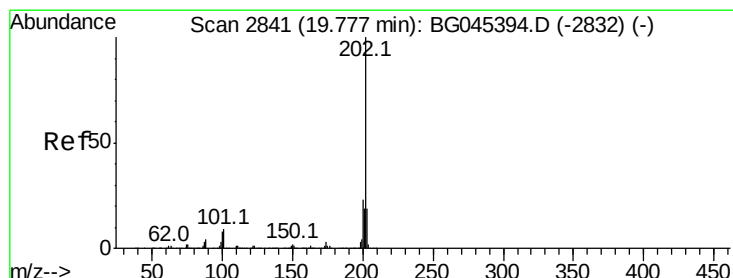
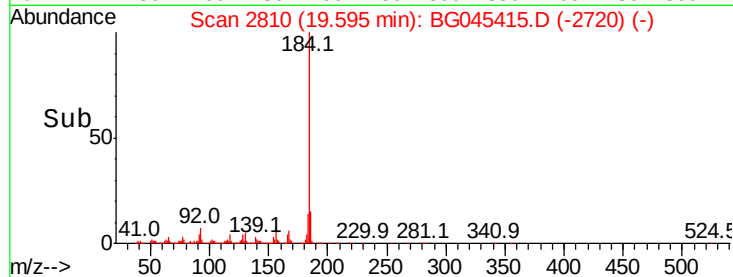
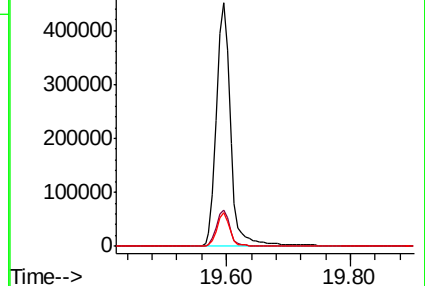
183 13.7 10.2 15.4



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: 46.523 ng

RT: 19.77 min Scan# 2840

Delta R.T. -0.01 min

Lab File: BG045415.D

Acq: 18 May 2020 16:28

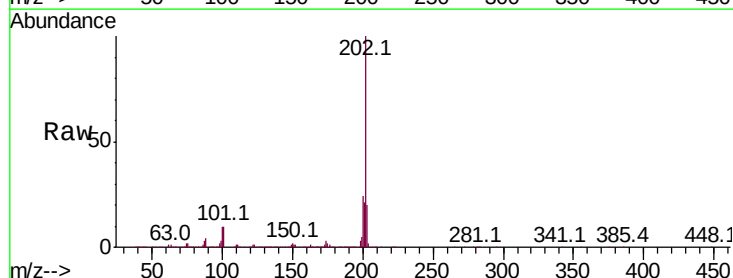
Tgt Ion:202 Resp: 1363525

Ion Ratio Lower Upper

202 100

200 24.0 18.2 27.2

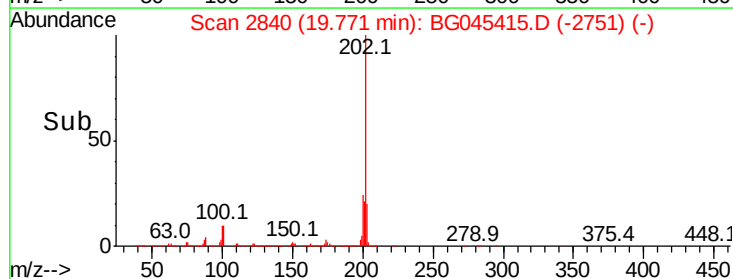
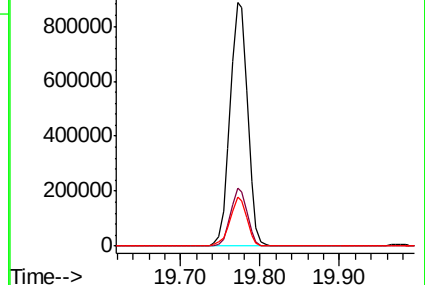
203 20.3 15.1 22.7

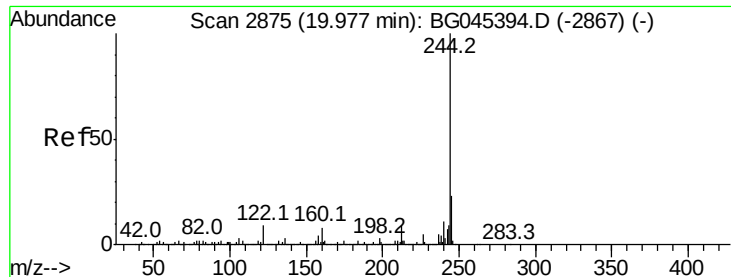


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 92.407 ng

RT: 19.98 min Scan# 2875

Delta R.T. 0.00 min

Lab File: BG045415.D

Acq: 18 May 2020 16:28

Instrument :

BNA_G

ClientSampleId :

PB128957BS

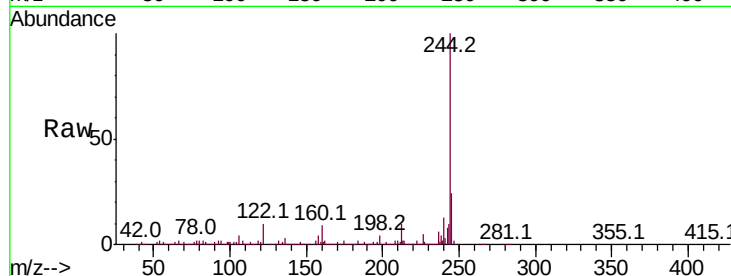
Tot Ion:244 Resp: 2037064

Ion Ratio Lower Upper

244 100

212 10.0 7.4 11.0

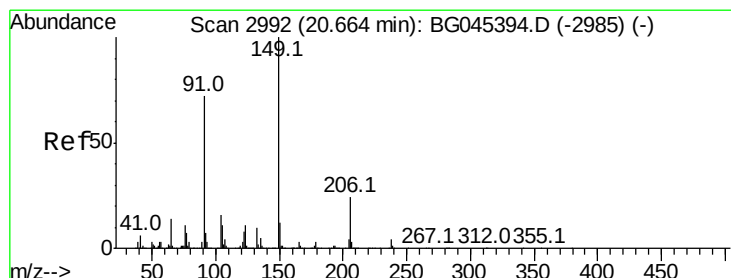
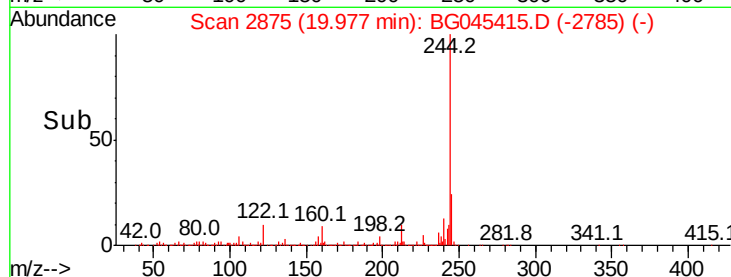
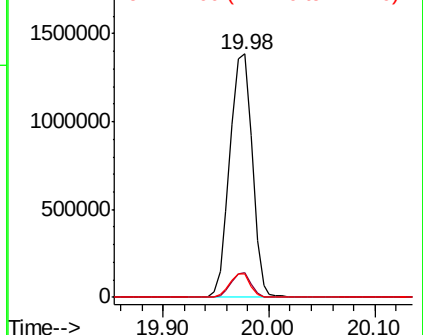
122 9.6 6.8 10.2



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: 44.407 ng

RT: 20.66 min Scan# 2992

Delta R.T. 0.00 min

Lab File: BG045415.D

Acq: 18 May 2020 16:28

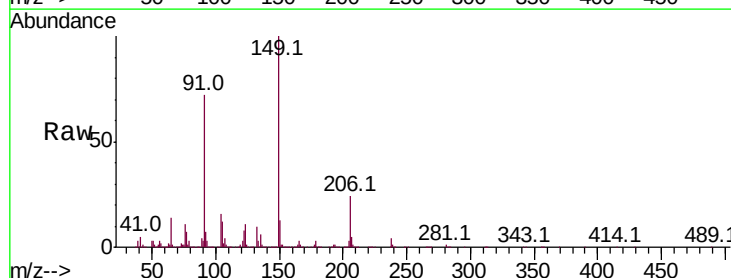
Tgt Ion:149 Resp: 561774

Ion Ratio Lower Upper

149 100

91 71.6 57.8 86.6

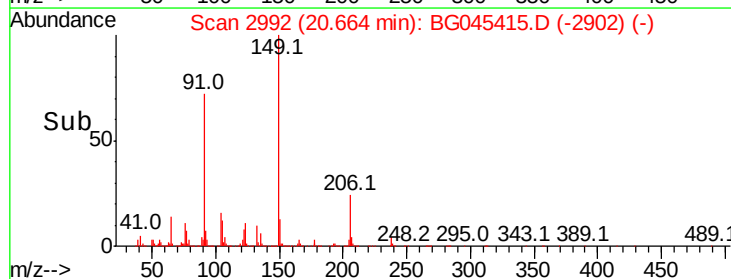
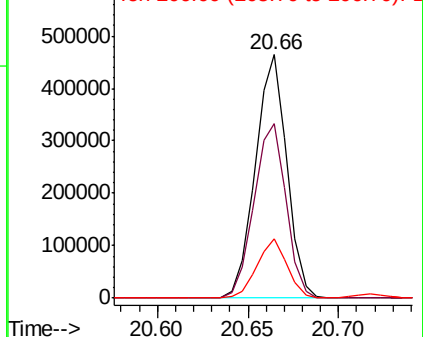
206 24.2 19.1 28.7

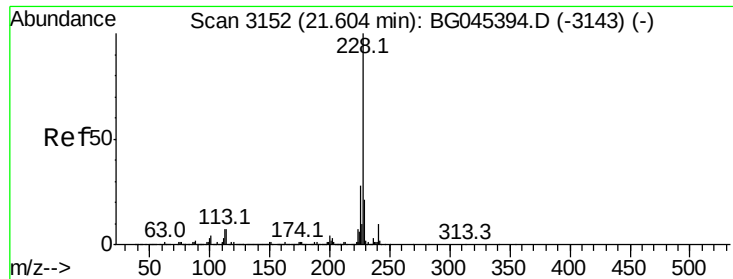


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

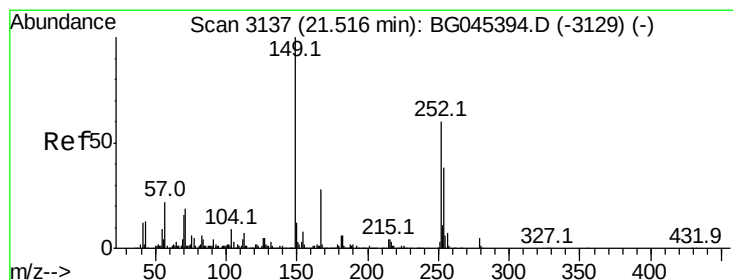
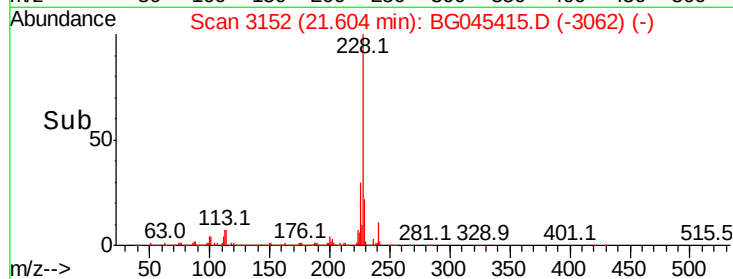
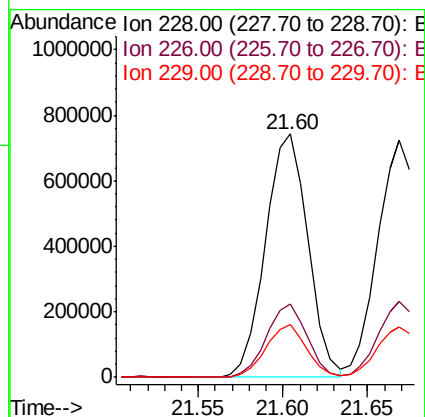
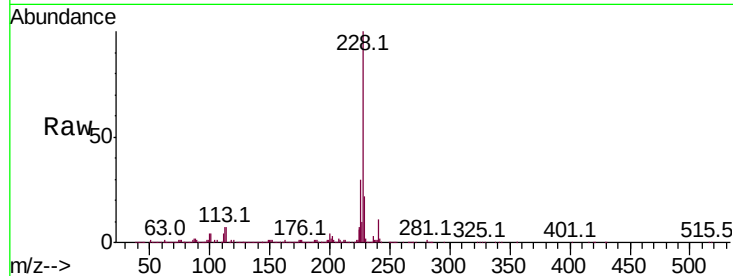




#81
Benzo(a)anthracene
Concen: 44.863 ng
RT: 21.60 min Scan# 3152
Delta R.T. 0.00 min
Lab File: BG045415.D
Acq: 18 May 2020 16:28

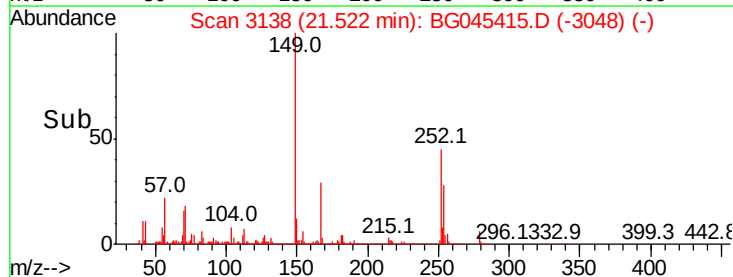
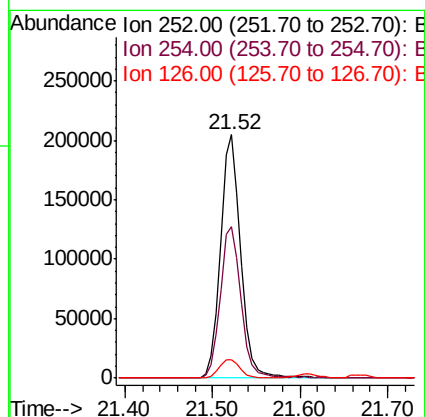
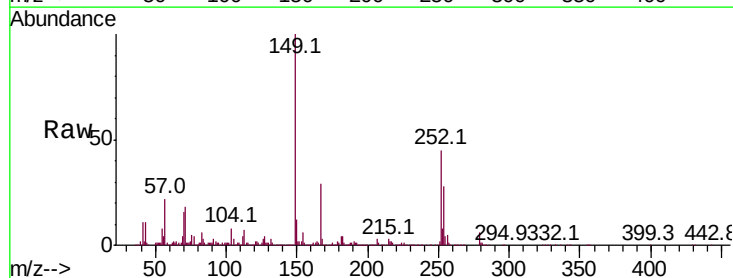
Instrument :
BNA_G
ClientSampleId :
PB128957BS

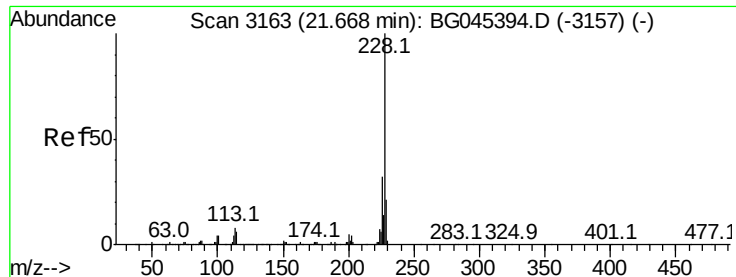
Tot Ion:228 Resp: 1284949
Ion Ratio Lower Upper
228 100
226 30.3 22.7 34.1
229 21.6 16.7 25.1



#82
3,3'-Dichlorobenzidine
Concen: 29.244 ng
RT: 21.52 min Scan# 3138
Delta R.T. 0.00 min
Lab File: BG045415.D
Acq: 18 May 2020 16:28

Tgt Ion:252 Resp: 328553
Ion Ratio Lower Upper
252 100
254 62.3 51.3 76.9
126 7.7 6.6 10.0





#83

Chrysene

Concen: 45.082 ng

RT: 21.67 min Scan# 3163

Delta R.T. 0.00 min

Lab File: BG045415.D

Acq: 18 May 2020 16:28

Instrument :

BNA_G

ClientSampleId :

PB128957BS

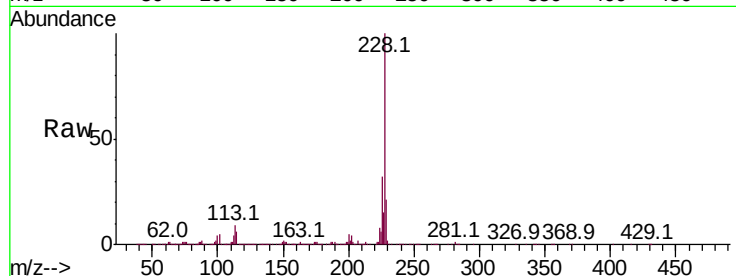
Tot Ion:228 Resp: 1241549

Ion Ratio Lower Upper

228 100

226 31.8 25.2 37.8

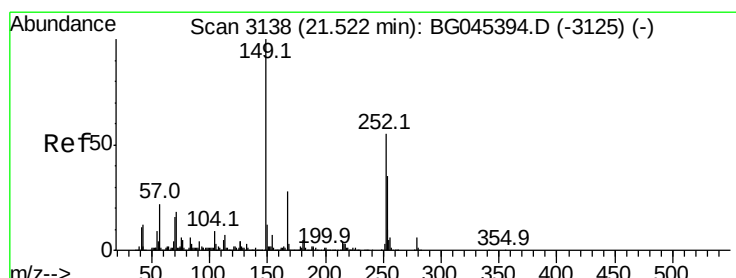
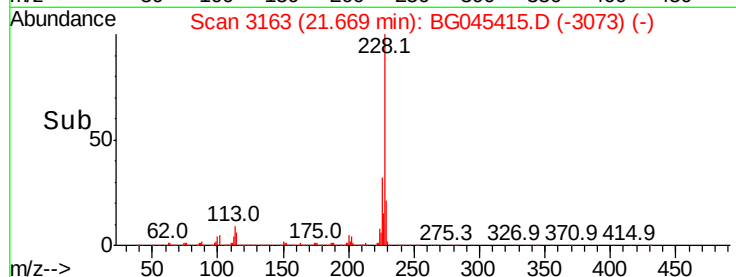
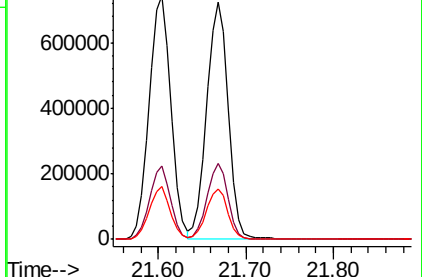
229 21.3 16.7 25.1



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: 44.365 ng

RT: 21.52 min Scan# 3137

Delta R.T. -0.01 min

Lab File: BG045415.D

Acq: 18 May 2020 16:28

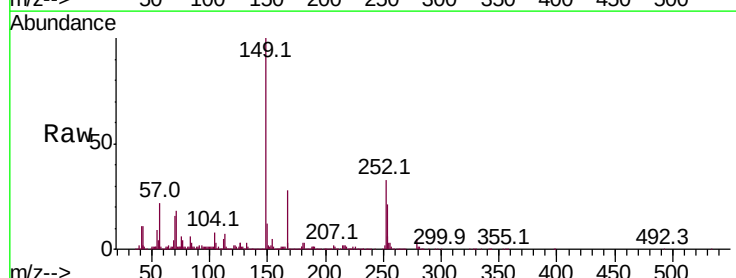
Tgt Ion:149 Resp: 771490

Ion Ratio Lower Upper

149 100

167 27.8 22.2 33.2

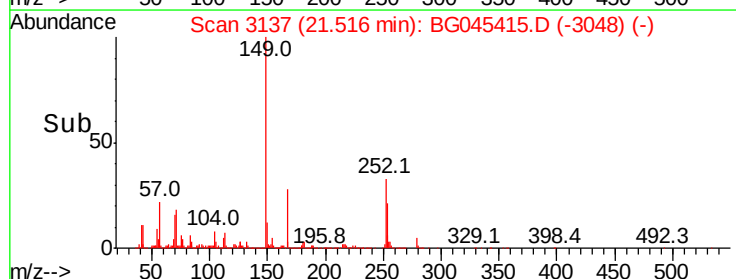
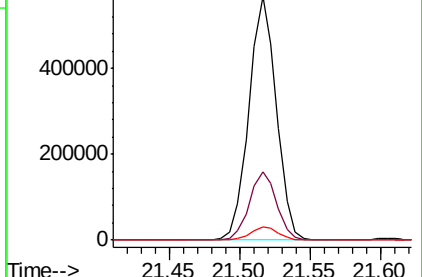
279 5.2 4.7 7.1

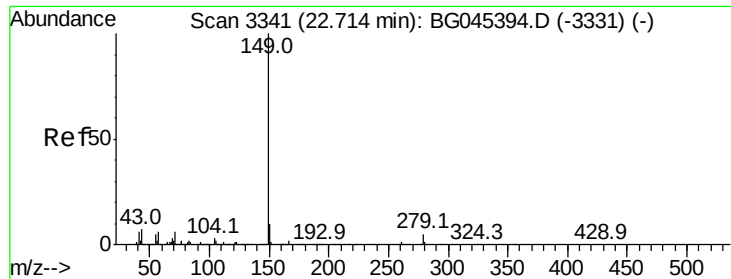


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 43.459 ng

RT: 22.71 min Scan# 3340

Delta R.T. 0.00 min

Lab File: BG045415.D

Acq: 18 May 2020 16:28

Instrument :

BNA_G

ClientSampleId :

PB128957BS

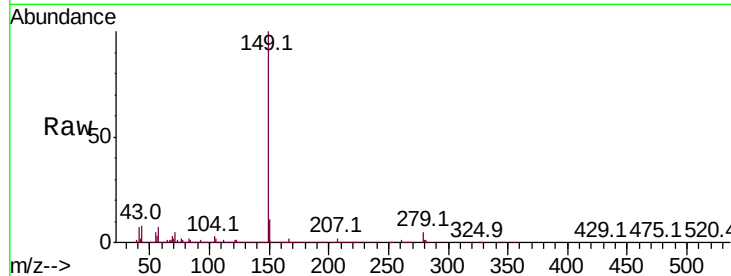
Tot Ion:149 Resp: 1297993

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.0

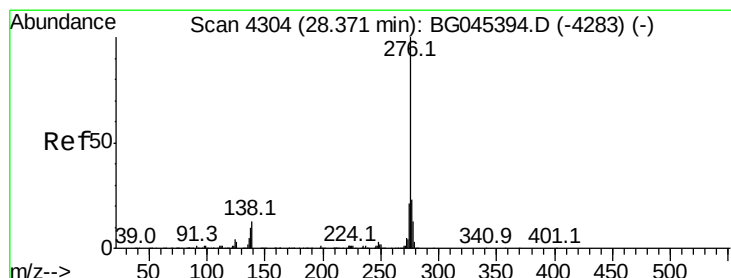
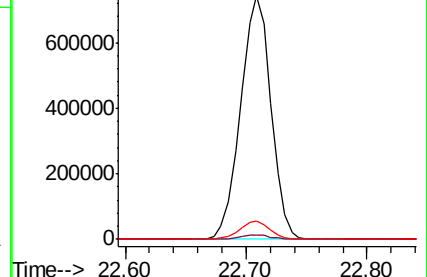
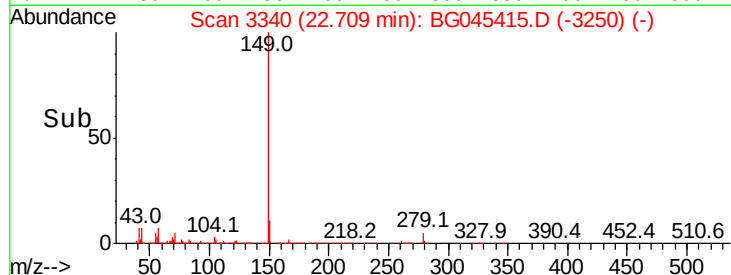
43 7.2 5.8 8.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 43.233 ng

RT: 28.37 min Scan# 4304

Delta R.T. -0.01 min

Lab File: BG045415.D

Acq: 18 May 2020 16:28

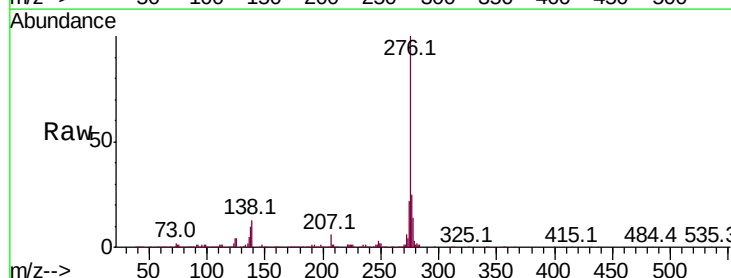
Tgt Ion:276 Resp: 1556938

Ion Ratio Lower Upper

276 100

138 16.0 8.6 12.8#

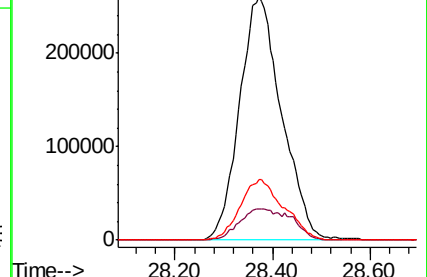
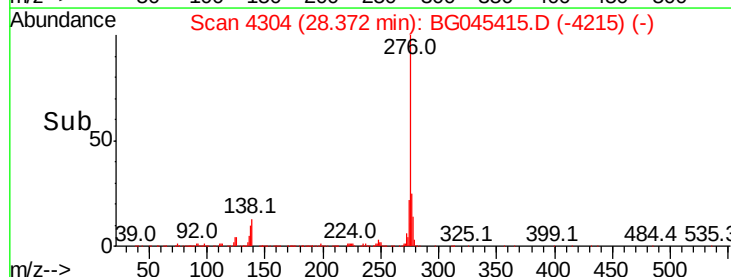
277 25.9 20.2 30.4

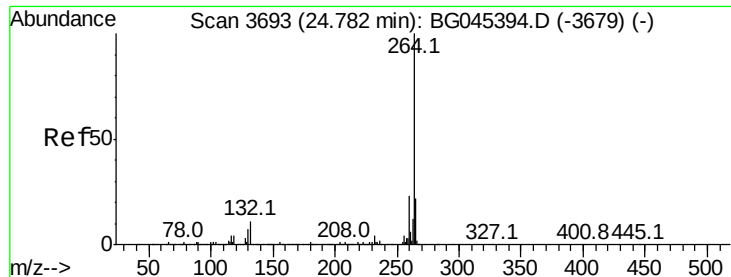


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.78 min Scan# 3693

Delta R.T. 0.00 min

Lab File: BG045415.D

Acq: 18 May 2020 16:28

Instrument :

BNA_G

ClientSampleId :

PB128957BS

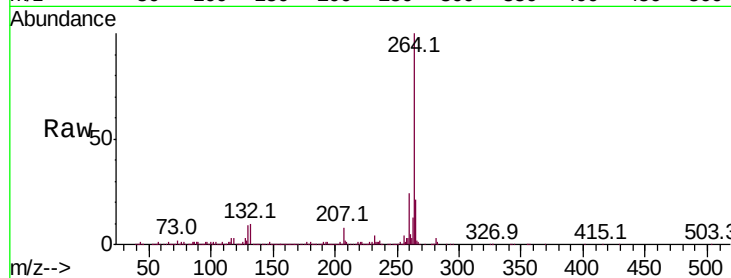
Tot Ion:264 Resp: 549152

Ion Ratio Lower Upper

264 100

260 23.6 18.2 27.4

265 20.9 17.6 26.4

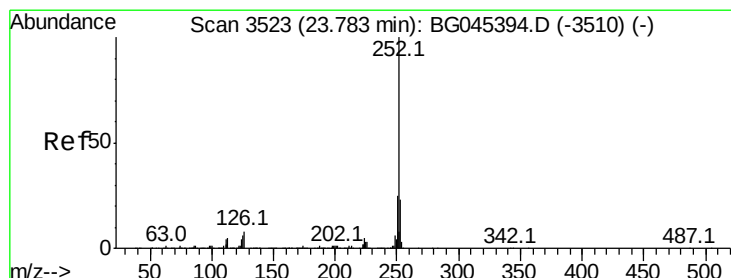
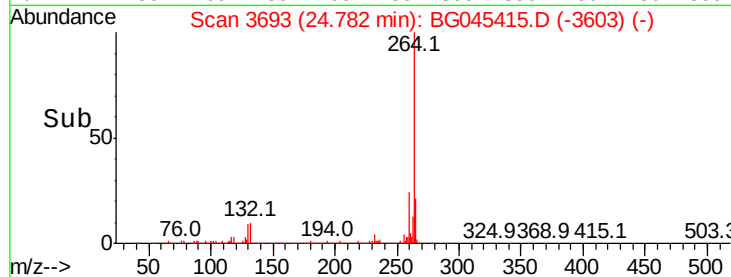
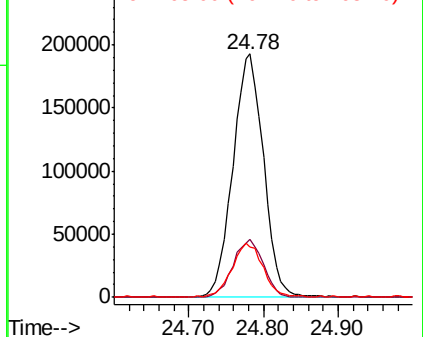


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 44.919 ng

RT: 23.78 min Scan# 3523

Delta R.T. -0.01 min

Lab File: BG045415.D

Acq: 18 May 2020 16:28

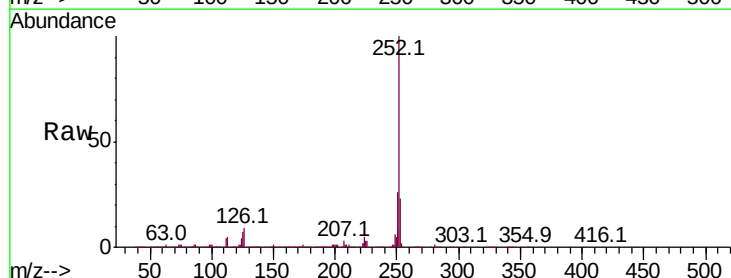
Tgt Ion:252 Resp: 1322936

Ion Ratio Lower Upper

252 100

253 23.3 18.1 27.1

125 6.9 5.0 7.6

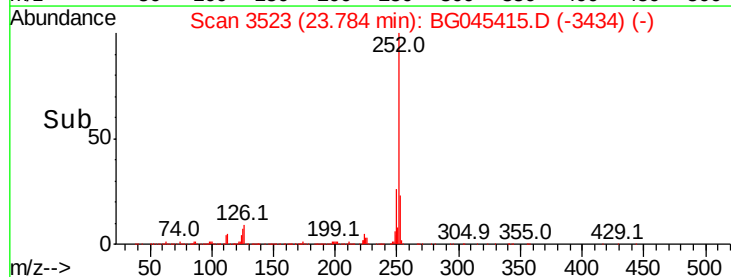
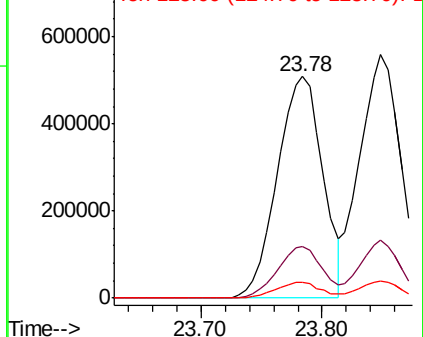


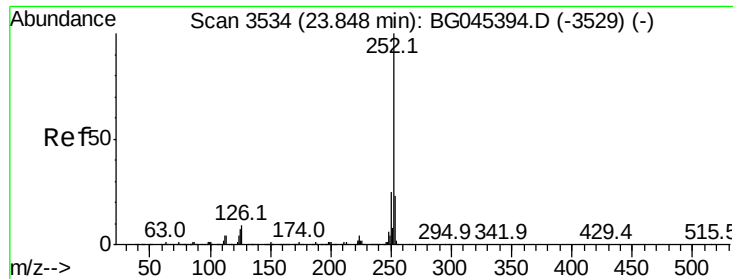
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

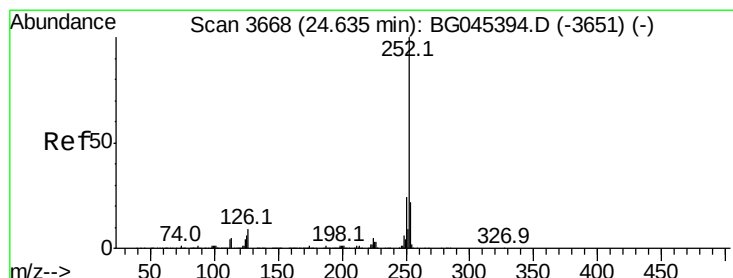
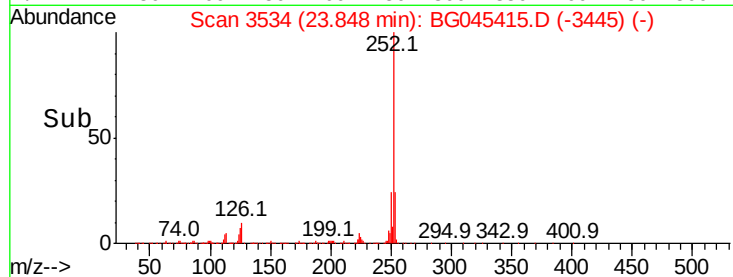
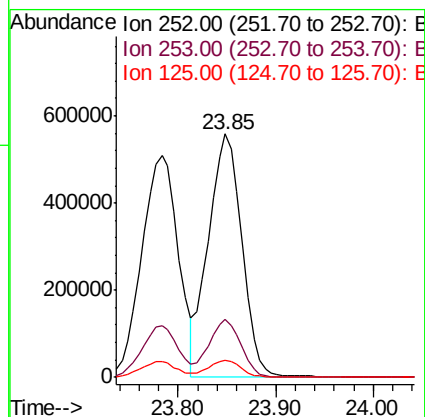
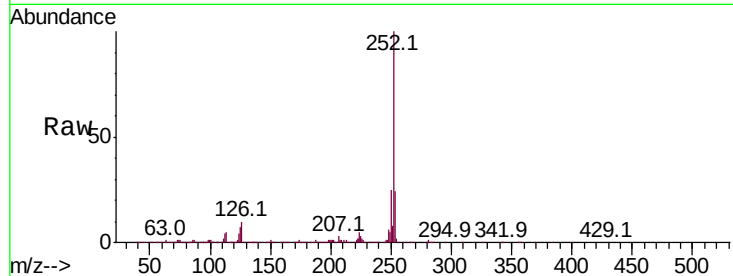




#89
Benzo(k)fluoranthene
Concen: 47.917 ng
RT: 23.85 min Scan# 3534
Delta R.T. -0.01 min
Lab File: BG045415.D
Acq: 18 May 2020 16:28

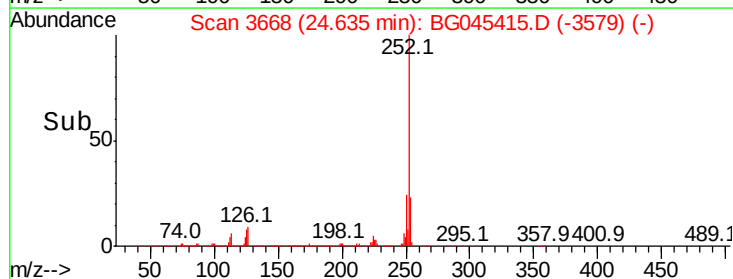
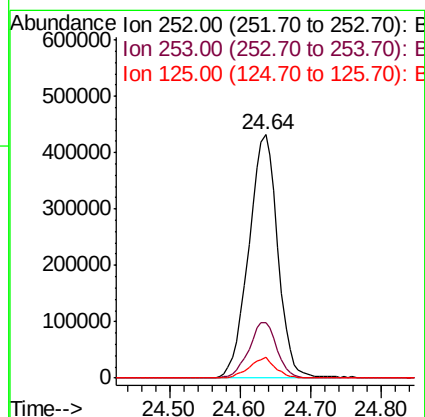
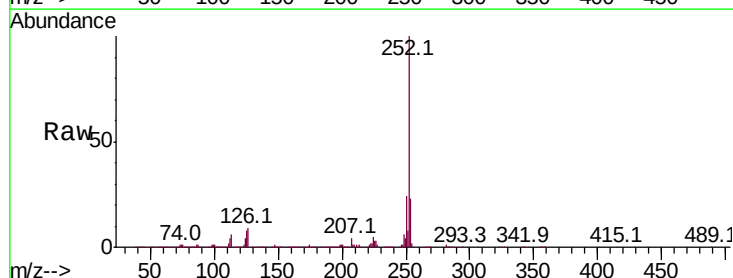
Instrument :
BNA_G
ClientSampleId :
PB128957BS

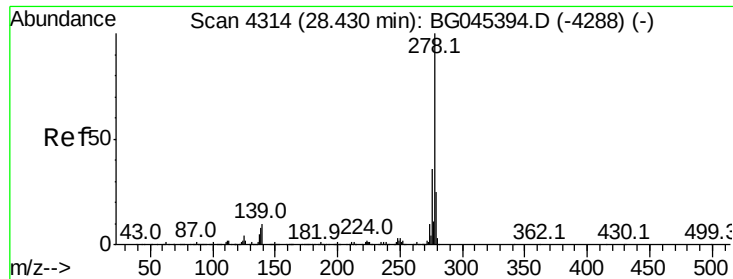
Tot Ion:252 Resp: 1325840
Ion Ratio Lower Upper
252 100
253 23.6 18.4 27.6
125 7.1 5.7 8.5



#90
Benzo(a)pyrene
Concen: 44.981 ng
RT: 24.64 min Scan# 3668
Delta R.T. -0.01 min
Lab File: BG045415.D
Acq: 18 May 2020 16:28

Tgt Ion:252 Resp: 1233794
Ion Ratio Lower Upper
252 100
253 22.8 17.2 25.8
125 8.5 5.0 7.6#





#91

Dibenzo(a,h)anthracene

Concen: 46.602 ng

RT: 28.43 min Scan# 4314

Delta R.T. -0.01 min

Lab File: BG045415.D

Acq: 18 May 2020 16:28

Instrument :

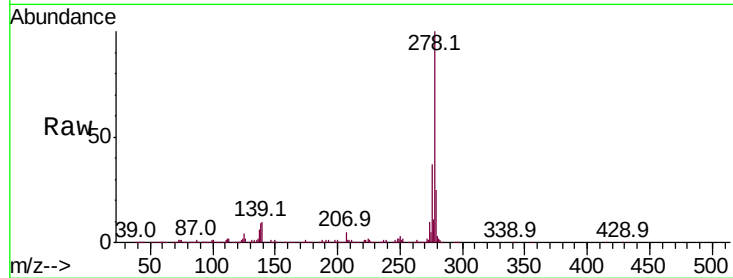
BNA_G

ClientSampleId :

PB128957BS

Tot Ion:278 Resp: 1284525

Ion	Ratio	Lower	Upper
278	100		
139	9.9	7.8	11.8
279	25.0	19.8	29.8

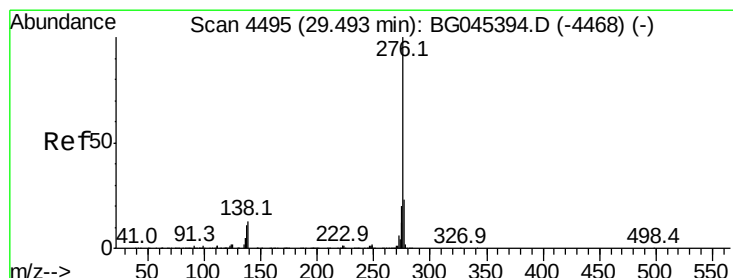
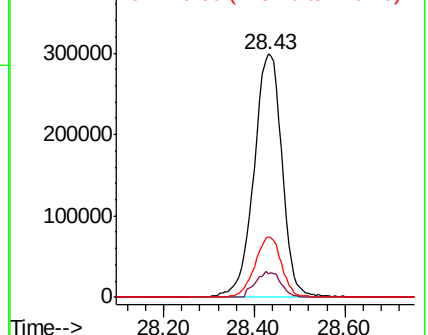
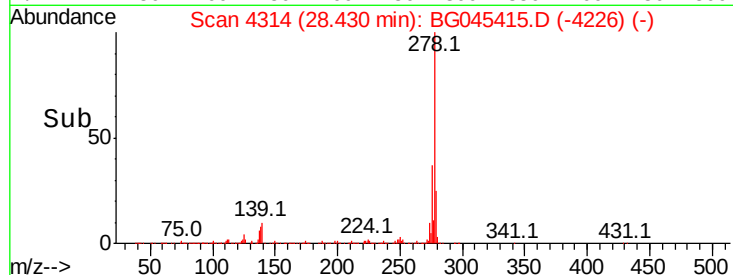


Abundance

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: 46.957 ng

RT: 29.49 min Scan# 4494

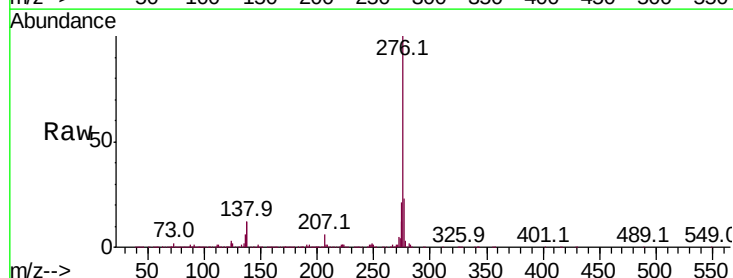
Delta R.T. -0.01 min

Lab File: BG045415.D

Acq: 18 May 2020 16:28

Tgt Ion:276 Resp: 1294468

Ion	Ratio	Lower	Upper
276	100		
277	23.5	18.1	27.1
138	12.4	10.2	15.4



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

