

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG052920\
 Data File : BG045522.D
 Acq On : 29 May 2020 13:58
 Operator : CG/JU
 Sample : PB129160BSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB129160BS

Quant Time: May 29 14:51:44 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 29 11:17:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	68251	20.00	ng	0.00
21) Naphthalene-d8	10.77	136	269387	20.00	ng	0.00
39) Acenaphthene-d10	14.60	164	189617	20.00	ng	0.00
64) Phenanthrene-d10	17.35	188	454123	20.00	ng	0.00
76) Chrysene-d12	21.61	240	424031	20.00	ng	0.00
87) Perylene-d12	24.75	264	465712	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	488256	139.81	ng	0.00
7) Phenol-d6	7.16	99	679739	136.75	ng	0.00
23) Nitrobenzene-d5	9.12	82	428148	86.67	ng	0.00
42) 2,4,6-Tribromophenol	16.10	330	315049	129.92	ng	0.00
45) 2-Fluorobiphenyl	13.22	172	973987	87.13	ng	0.00
79) Terphenyl-d14	19.96	244	1638028	90.10	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.40	88	60251	34.791	ng	95
3) Pyridine	3.80	79	144723	30.005	ng	92
4) n-Nitrosodimethylamine	3.72	42	66320	42.020	ng	94
6) Aniline	7.28	93	208298	32.101	ng	96
8) 2-Chlorophenol	7.53	128	184293	48.121	ng	98
9) Benzaldehyde	7.09	77	116892	36.094	ng	97
10) Phenol	7.19	94	240673	46.979	ng	99
11) bis(2-Chloroethyl)ether	7.37	93	166861	41.758	ng	98
12) 1,3-Dichlorobenzene	7.85	146	195205	42.414	ng	98
13) 1,4-Dichlorobenzene	7.99	146	196827	43.336	ng	98
14) 1,2-Dichlorobenzene	8.31	146	185446	42.452	ng	99
15) Benzyl Alcohol	8.20	79	180449	43.945	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.49	45	155634	41.032	ng	96
17) 2-Methylphenol	8.43	107	166867	43.517	ng	96
18) Hexachloroethane	9.04	117	75549	43.431	ng	94
19) n-Nitroso-di-n-propylamine	8.76	70	149609	43.525	ng	99
20) 3+4-Methylphenols	8.76	107	222536	42.619	ng	# 88
22) Acetophenone	8.77	105	270827	42.418	ng	# 95
24) Nitrobenzene	9.16	77	228619	43.195	ng	97
25) Isophorone	9.68	82	407874	41.924	ng	97
26) 2-Nitrophenol	9.87	139	103139	45.553	ng	94
27) 2,4-Dimethylphenol	9.96	122	175396	52.231	ng	96
28) bis(2-Chloroethoxy)methane	10.17	93	227878	44.663	ng	97
29) 2,4-Dichlorophenol	10.43	162	184235	46.460	ng	99
30) 1,2,4-Trichlorobenzene	10.62	180	205484	43.853	ng	97
31) Naphthalene	10.81	128	551551	43.937	ng	99
32) Benzoic acid	10.13	122	107486	47.258	ng	89
33) 4-Chloroaniline	10.93	127	93122	17.747	ng	95
34) Hexachlorobutadiene	11.11	225	139609	42.149	ng	97
35) Caprolactam	11.69	113	35761	24.569	ng	89
36) 4-Chloro-3-methylphenol	12.08	107	208391	46.636	ng	98
37) 2-Methylnaphthalene	12.42	142	416904	44.558	ng	99
38) 1-Methylnaphthalene	12.64	142	394133	44.594	ng	96
40) 1,2,4,5-Tetrachlorobenzene	12.80	216	236182	44.594	ng	99

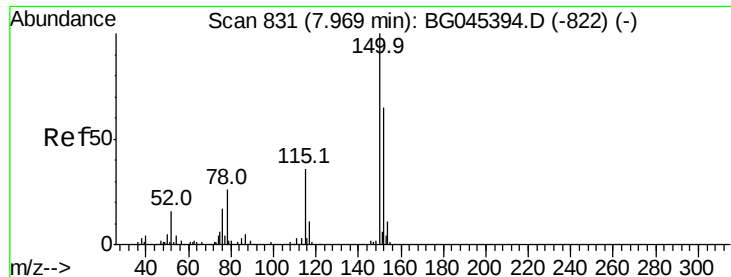
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG052920\
 Data File : BG045522.D
 Acq On : 29 May 2020 13:58
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.77	237	283658	92.792	nq	98
43) 2,4,6-Trichlorophenol	13.05	196	162504	44.169	nq	95
44) 2,4,5-Trichlorophenol	13.13	196	170917	40.653	nq	93
46) 1,1'-Biphenyl	13.43	154	534450	45.871	nq	100
47) 2-Chloronaphthalene	13.47	162	409851	43.319	nq	98
48) 2-Nitroaniline	13.68	65	129633	41.653	nq	87
49) Acenaphthylene	14.32	152	687502	45.239	nq	99
50) Dimethylphthalate	14.06	163	555326	42.692	nq	97
51) 2,6-Dinitrotoluene	14.17	165	126505	43.100	nq	96
52) Acenaphthene	14.67	154	403567	39.672	nq	99
53) 3-Nitroaniline	14.51	138	71697	24.029	nq	97
54) 2,4-Dinitrophenol	14.71	184	160694	83.332	nq	94
55) Dibenzofuran	15.00	168	655862	43.416	nq	98
56) 4-Nitrophenol	14.87	139	197100	87.252	nq	96
57) 2,4-Dinitrotoluene	14.97	165	184191	43.330	nq	97
58) Fluorene	15.65	166	554301	44.663	nq	98
59) 2,3,4,6-Tetrachlorophenol	15.24	232	168464	45.545	nq	97
60) Diethylphthalate	15.42	149	579943	42.836	nq	98
61) 4-Chlorophenyl-phenylether	15.64	204	302064	42.533	nq	98
62) 4-Nitroaniline	15.68	138	128760	41.337	nq	95
63) Azobenzene	15.94	77	551175	43.660	nq	98
65) 4,6-Dinitro-2-methylphenol	15.74	198	123698	46.770	nq	97
66) n-Nitrosodiphenylamine	15.86	169	493737	45.283	nq	95
67) 4-Bromophenyl-phenylether	16.53	248	214399	43.600	nq	96
68) Hexachlorobenzene	16.66	284	232062	45.120	nq	100
69) Atrazine	16.81	200	188578	41.990	nq	97
70) Pentachlorophenol	17.01	266	248522	93.060	nq	97
71) Phenanthrene	17.39	178	891094	44.948	nq	100
72) Anthracene	17.48	178	925718	46.498	nq	98
73) Carbazole	17.76	167	844883	43.536	nq	99
74) Di-n-butylphthalate	18.31	149	991653	42.574	nq	99
75) Fluoranthene	19.40	202	1111687	44.086	nq	100
77) Benzidine	19.58	184	525932	44.162	nq	99
78) Pyrene	19.76	202	1102401	45.607	nq	99
80) Butylbenzylphthalate	20.65	149	451195	43.246	nq	98
81) Benzo(a)anthracene	21.59	228	1059244	44.843	nq	99
82) 3,3'-Dichlorobenzidine	21.50	252	256379	27.669	nq	100
83) Chrysene	21.65	228	1011790	44.547	nq	99
84) Bis(2-ethylhexyl)phthalate	21.50	149	630770	43.981	nq	99
85) Di-n-octyl phthalate	22.69	149	1064840	43.229	nq	100
86) Indeno(1,2,3-cd)pyrene	28.33	276	1322455	44.526	nq	# 96
88) Benzo(b)fluoranthene	23.76	252	1137434	45.540	nq	100
89) Benzo(k)fluoranthene	23.83	252	1086923	46.321	nq	99
90) Benzo(a)pyrene	24.61	252	1042076	44.798	nq	98
91) Dibenzo(a,h)anthracene	28.39	278	1068353	45.704	nq	97
92) Benzo(g,h,i)perylene	29.45	276	1084860	46.404	nq	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.96 min Scan# 829

Delta R.T. -0.00 min

Lab File: BG045522.D

Acq: 29 May 2020 13:58

Instrument :

BNA_G

ClientSampleId :

PB129160BS

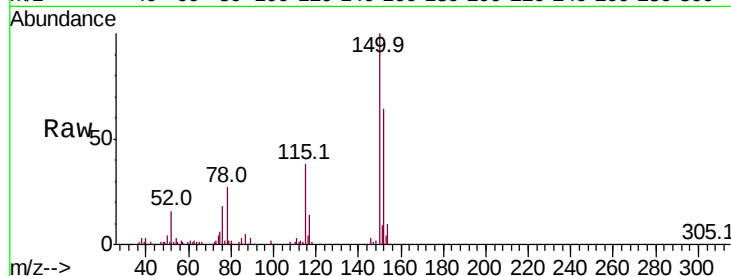
Tot Ion:152 Resp: 68251

Ion Ratio Lower Upper

152 100

150 156.2 122.4 183.6

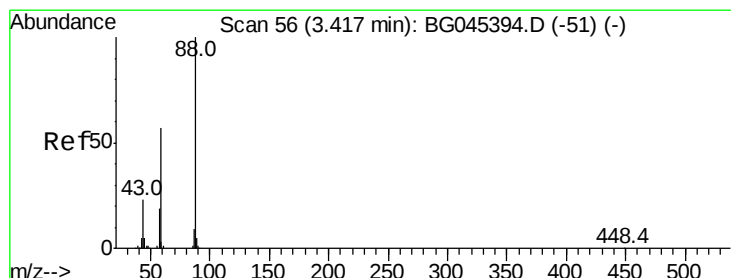
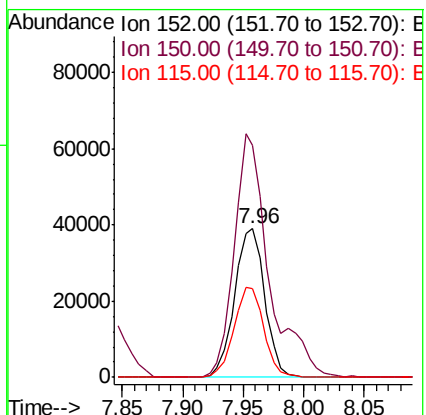
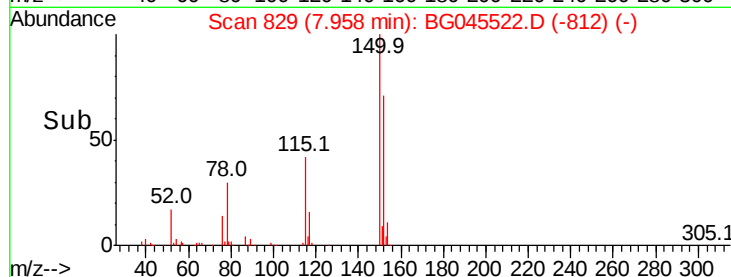
115 59.4 44.2 66.4



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



#2

1,4-Dioxane

Concen: 34.791 ng

RT: 3.40 min Scan# 53

Delta R.T. -0.01 min

Lab File: BG045522.D

Acq: 29 May 2020 13:58

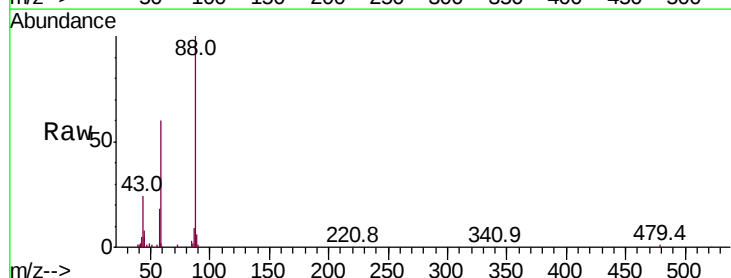
Tgt Ion: 88 Resp: 60251

Ion Ratio Lower Upper

88 100

58 60.9 45.7 68.5

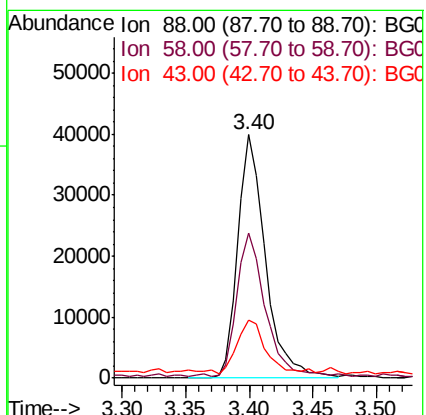
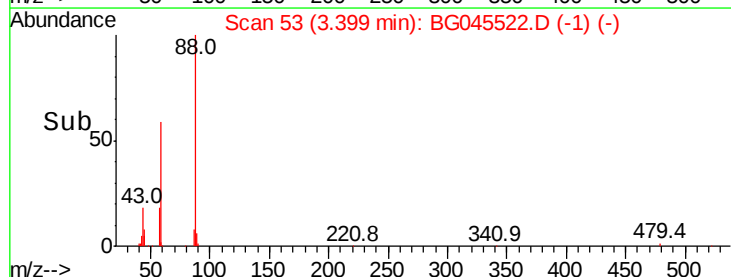
43 23.1 16.8 25.2

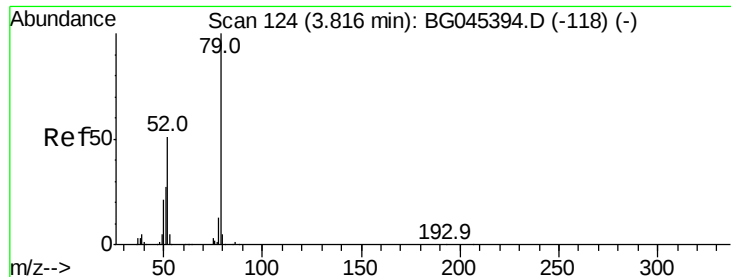


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 30.005 ng

RT: 3.80 min Scan# 121

Delta R.T. -0.01 min

Lab File: BG045522.D

Acq: 29 May 2020 13:58

Instrument :

BNA_G

ClientSampleId :

PB129160BS

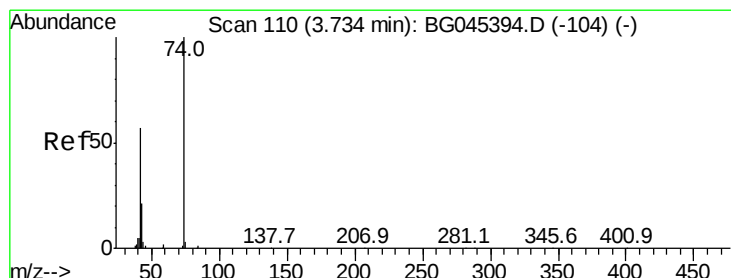
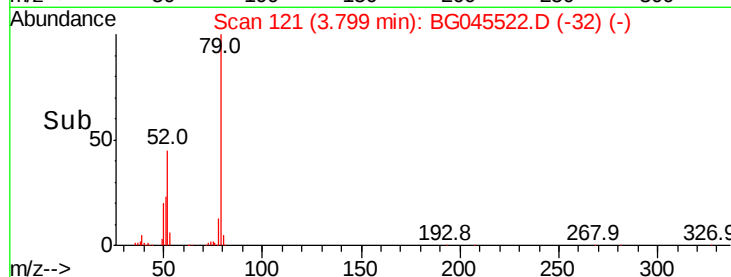
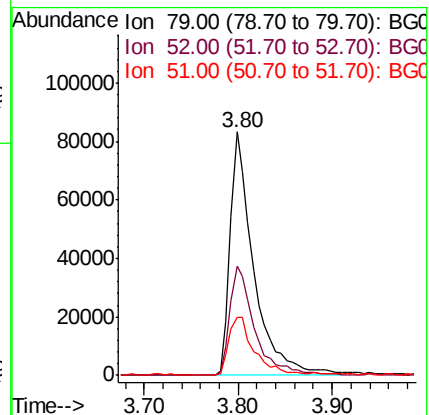
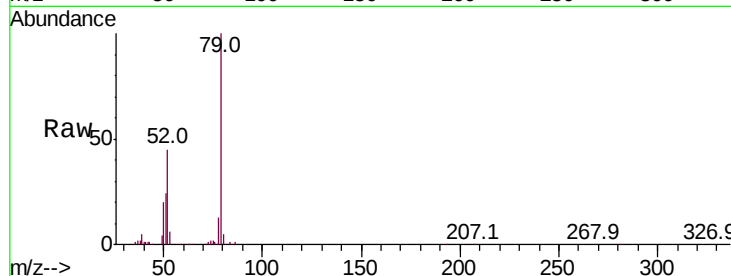
Tot Ion: 79 Resp: 144723

Ion Ratio Lower Upper

79 100

52 44.9 40.8 61.2

51 23.7 21.9 32.9



#4

n-Nitrosodimethylamine

Concen: 42.020 ng

RT: 3.72 min Scan# 107

Delta R.T. -0.00 min

Lab File: BG045522.D

Acq: 29 May 2020 13:58

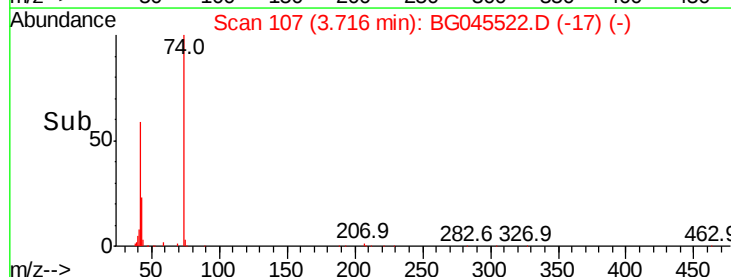
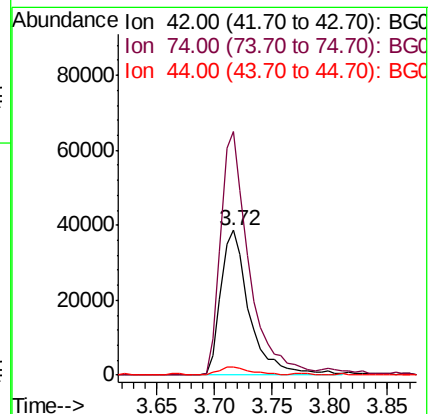
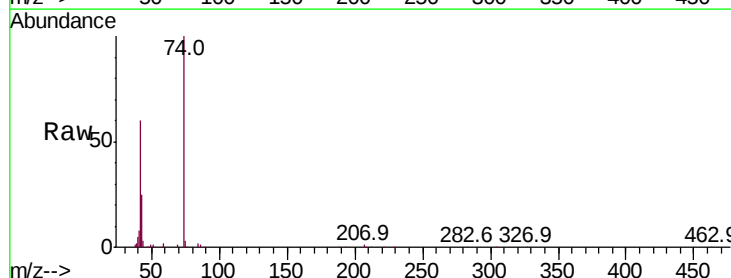
Tgt Ion: 42 Resp: 66320

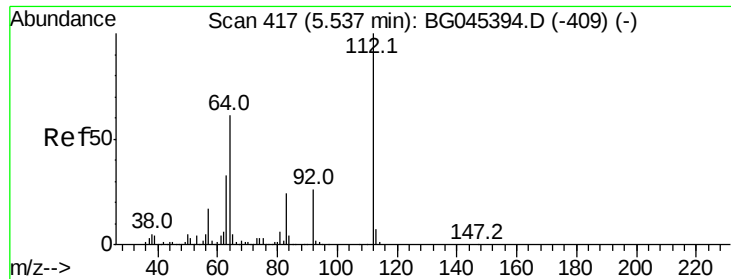
Ion Ratio Lower Upper

42 100

74 168.0 141.3 211.9

44 5.5 4.2 6.4





#5

2-Fluorophenol

Concen: 139.807 ng

RT: 5.55 min Scan# 419

Delta R.T. -0.00 min

Lab File: BG045522.D

Acq: 29 May 2020 13:58

Instrument :

BNA_G

ClientSampleId :

PB129160BS

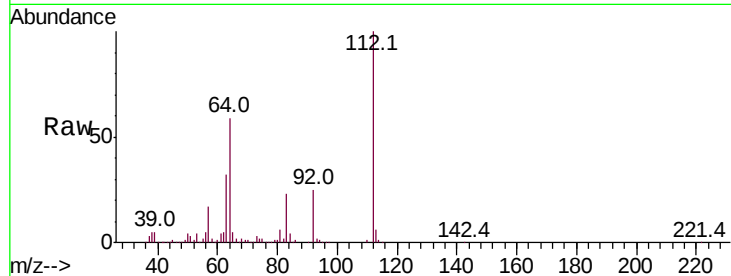
Tot Ion:112 Resp: 488256

Ion Ratio Lower Upper

112 100

64 59.1 48.6 72.8

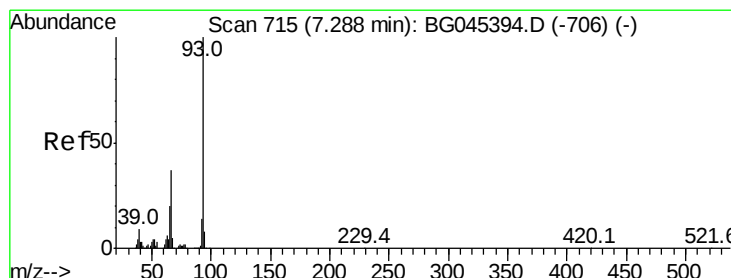
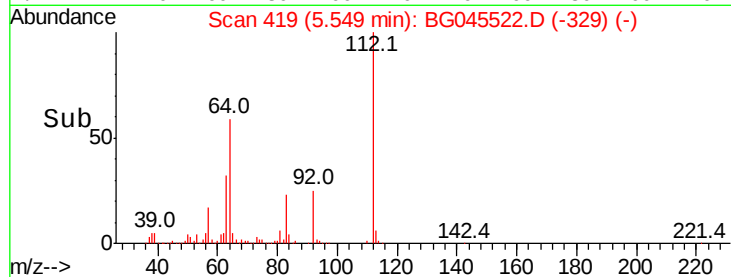
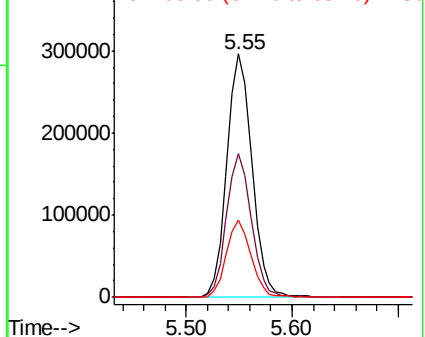
63 31.9 26.5 39.7



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 32.101 ng

RT: 7.28 min Scan# 714

Delta R.T. -0.00 min

Lab File: BG045522.D

Acq: 29 May 2020 13:58

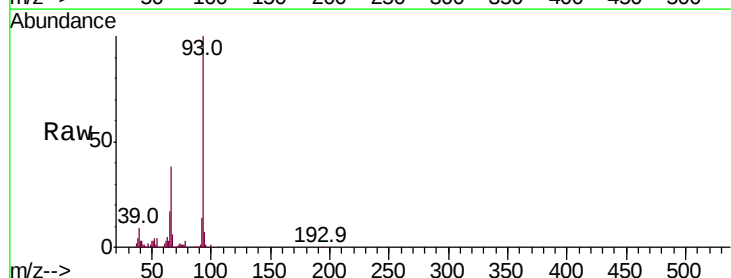
Tgt Ion: 93 Resp: 208298

Ion Ratio Lower Upper

93 100

66 38.4 29.6 44.4

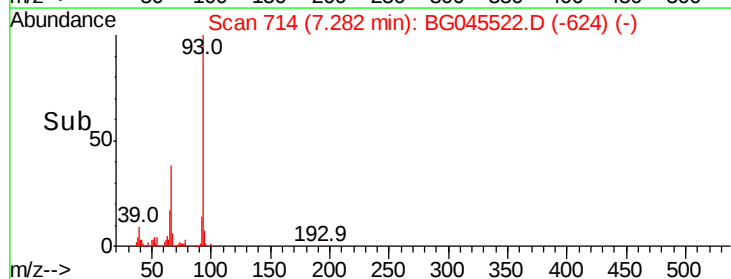
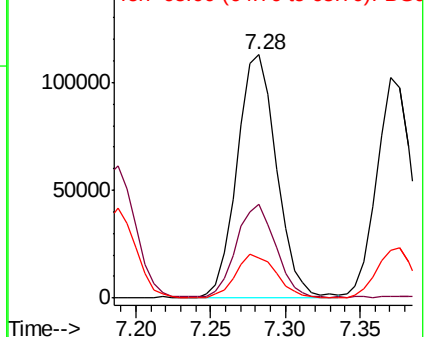
65 16.7 15.9 23.9

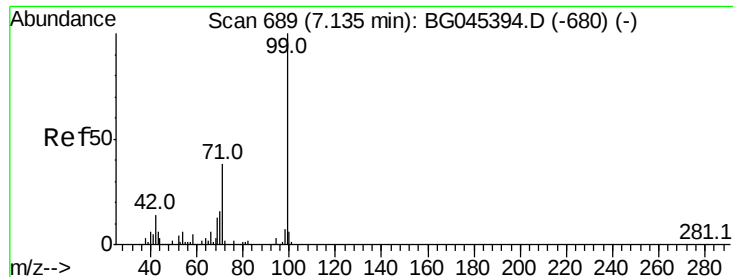


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 136.750 ng

RT: 7.16 min Scan# 694

Delta R.T. -0.00 min

Lab File: BG045522.D

Acq: 29 May 2020 13:58

Instrument :

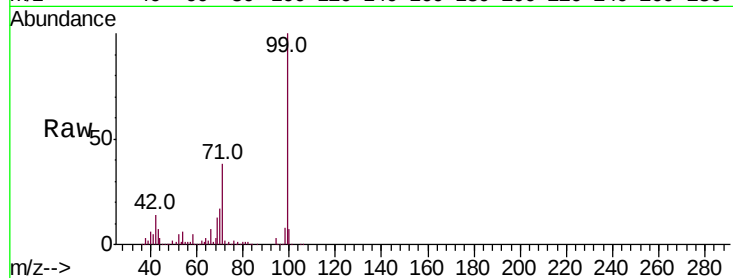
BNA_G

ClientSampleId :

PB129160BS

Tot Ion: 99 Resp: 679739

Ion	Ratio	Lower	Upper
99	100		
42	13.8	11.3	16.9
71	37.6	30.8	46.2

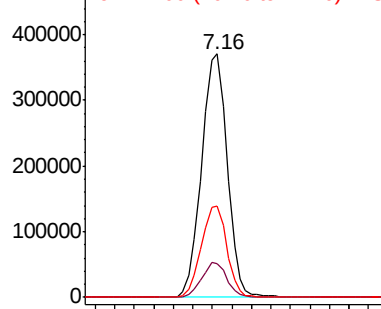


Abundance

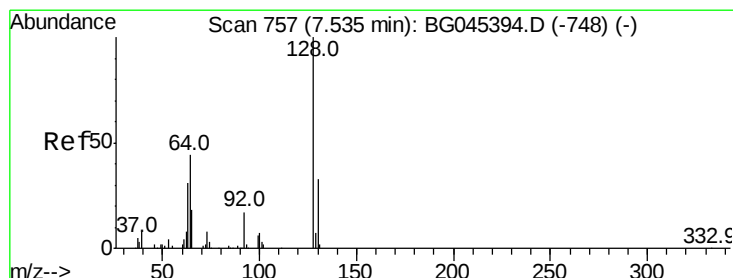
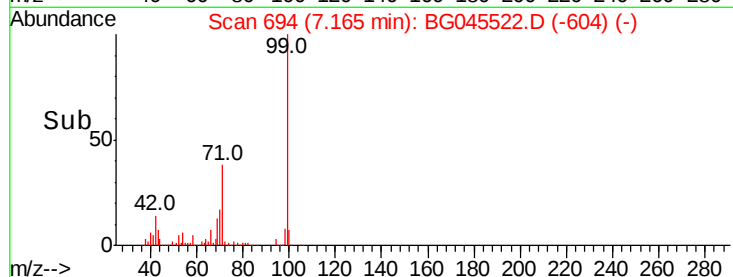
Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC



Time-->



#8

2-Chlorophenol

Concen: 48.121 ng

RT: 7.53 min Scan# 757

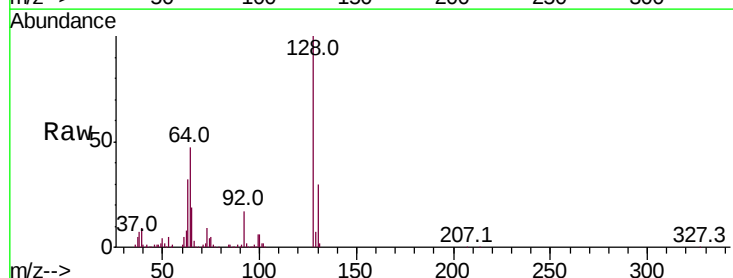
Delta R.T. -0.00 min

Lab File: BG045522.D

Acq: 29 May 2020 13:58

Tgt Ion: 128 Resp: 184293

Ion	Ratio	Lower	Upper
128	100		
130	29.6	12.6	52.6
64	47.1	27.0	67.0

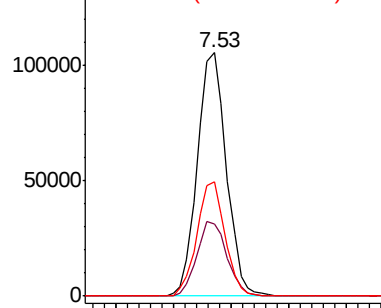


Abundance

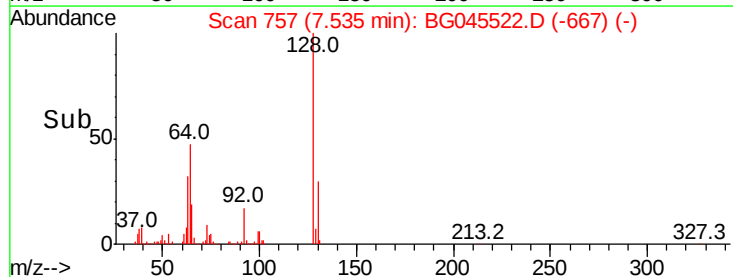
Ion 128.00 (127.70 to 128.70): BGC

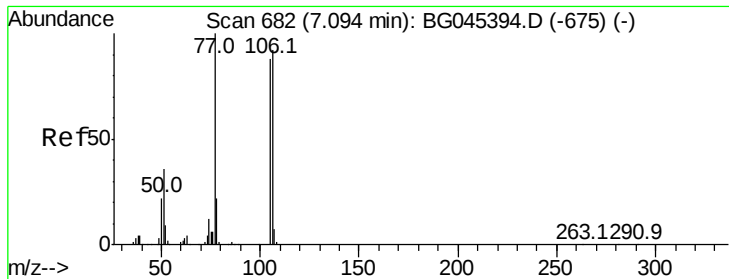
Ion 130.00 (129.70 to 130.70): BGC

Ion 64.00 (63.70 to 64.70): BGC



Time-->





#9

Benzaldehyde

Concen: 36.094 ng

RT: 7.09 min Scan# 681

Delta R.T. -0.00 min

Lab File: BG045522.D

Acq: 29 May 2020 13:58

Instrument :

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ClientSampleId :

PB129160BS

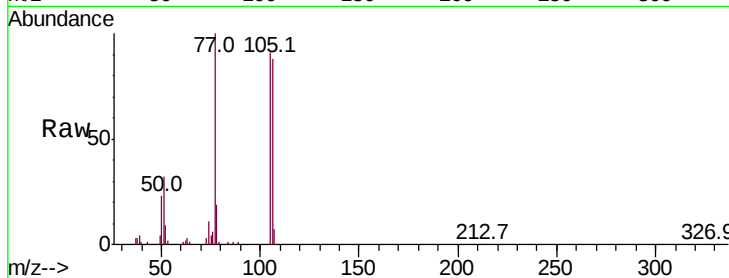
Tot Ion: 77 Resp: 116892

Ion Ratio Lower Upper

77 100

105 91.3 68.5 108.5

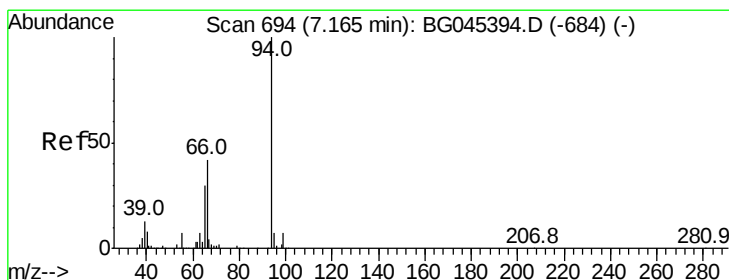
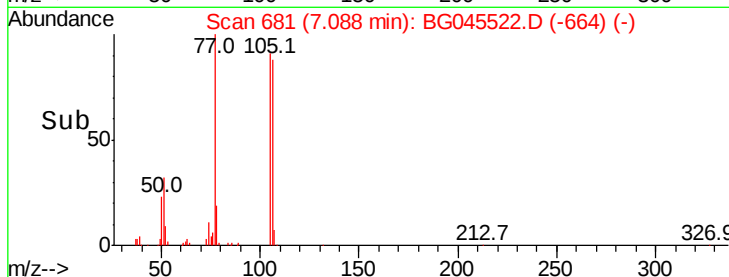
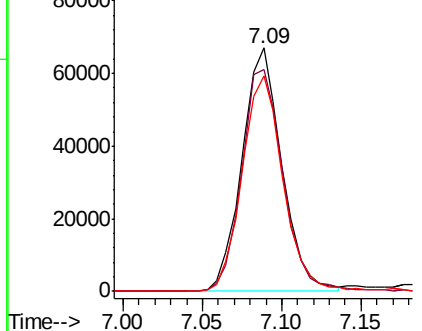
106 88.5 71.6 111.6



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: 46.979 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.00 min

Lab File: BG045522.D

Acq: 29 May 2020 13:58

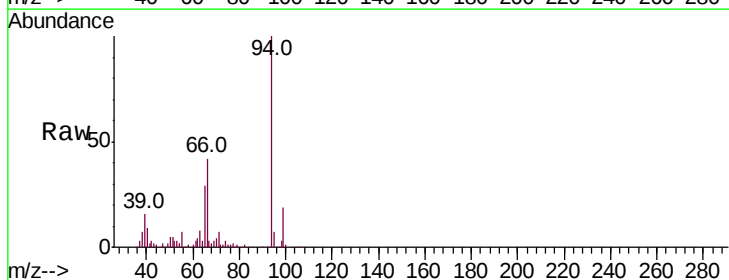
Tgt Ion: 94 Resp: 240673

Ion Ratio Lower Upper

94 100

65 28.6 9.8 49.8

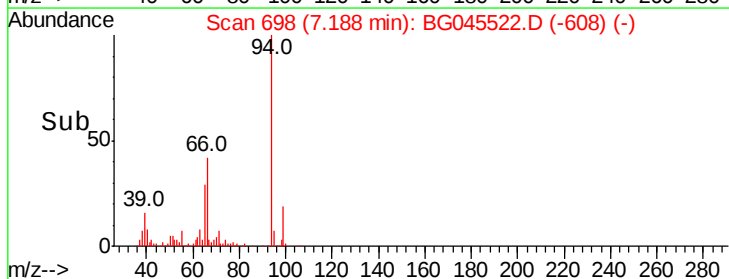
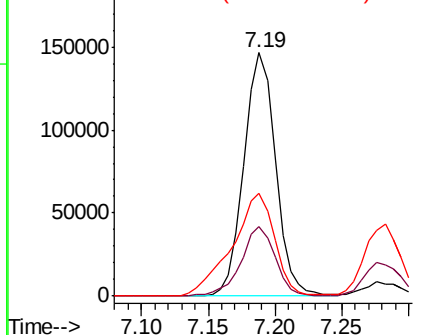
66 42.0 22.0 62.0

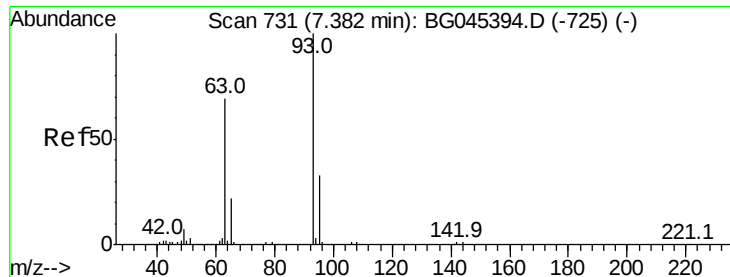


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

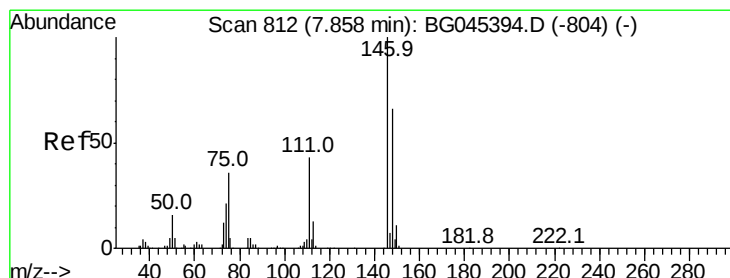
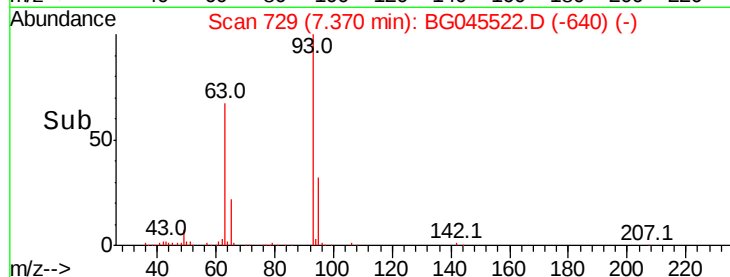
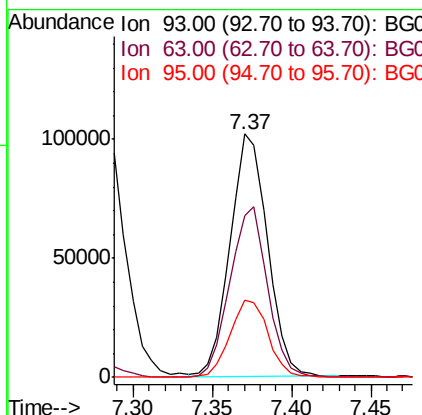
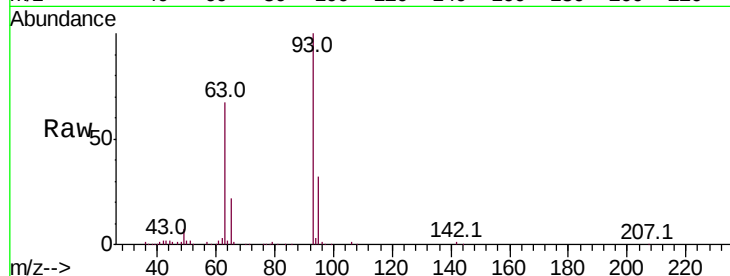




#11
 bis(2-Chloroethyl)ether
 Concen: 41.758 ng
 RT: 7.37 min Scan# 729
 Delta R.T. -0.01 min
 Lab File: BG045522.D
 Acq: 29 May 2020 13:58

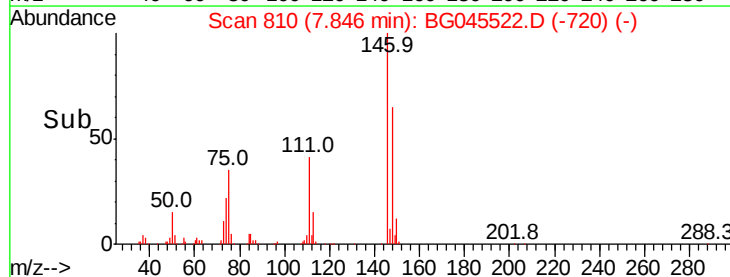
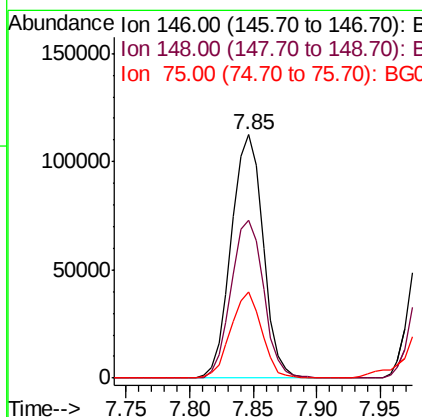
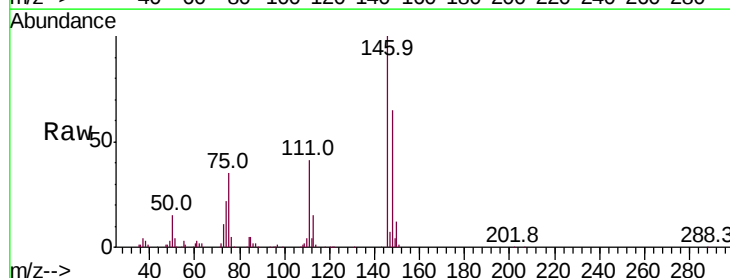
Instrument :
 BNA_G
 ClientSampleId :
 PB129160BS

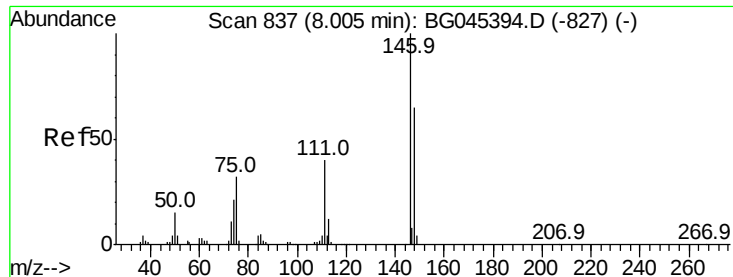
Tot Ion:	93	Resp:	166861
Ion	Ratio	Lower	Upper
93	100		
63	66.6	48.4	88.4
95	31.8	12.4	52.4



#12
 1,3-Dichlorobenzene
 Concen: 42.414 ng
 RT: 7.85 min Scan# 810
 Delta R.T. -0.00 min
 Lab File: BG045522.D
 Acq: 29 May 2020 13:58

Tgt Ion:	146	Resp:	195205
Ion	Ratio	Lower	Upper
146	100		
148	64.7	53.2	79.8
75	35.3	28.6	43.0





#13

1,4-Dichlorobenzene

Concen: 43.336 ng

RT: 7.99 min Scan# 835

Delta R.T. -0.00 min

Lab File: BG045522.D

Acq: 29 May 2020 13:58

Instrument :

BNA_G

ClientSampled :

PB129160BS

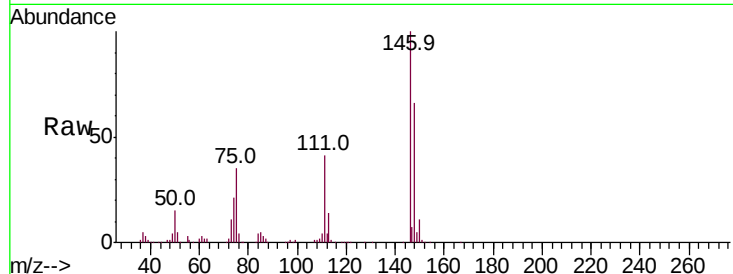
Tot Ion:146 Resp: 196827

Ion Ratio Lower Upper

146 100

148 66.1 51.8 77.8

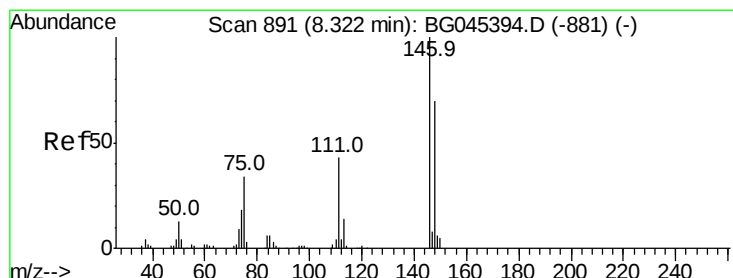
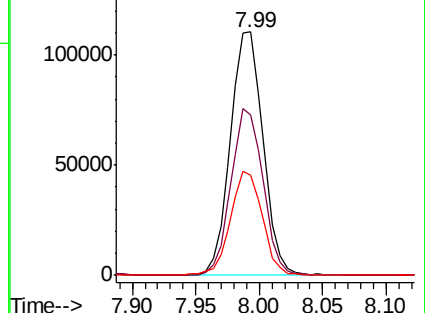
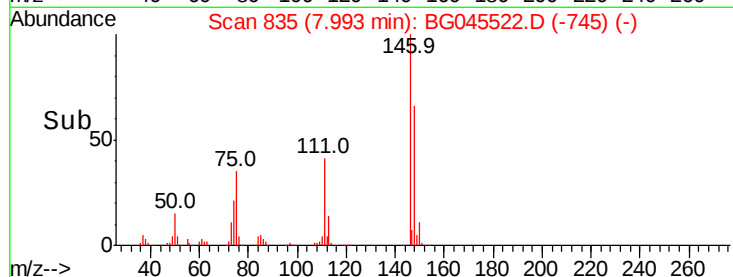
111 41.2 32.1 48.1



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: 42.452 ng

RT: 8.31 min Scan# 889

Delta R.T. -0.00 min

Lab File: BG045522.D

Acq: 29 May 2020 13:58

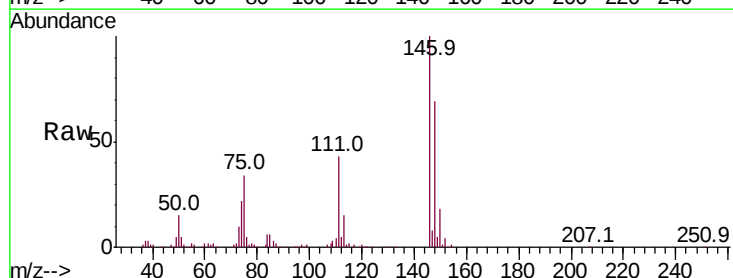
Tgt Ion:146 Resp: 185446

Ion Ratio Lower Upper

146 100

148 68.9 55.9 83.9

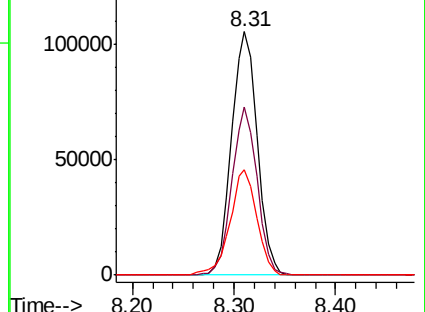
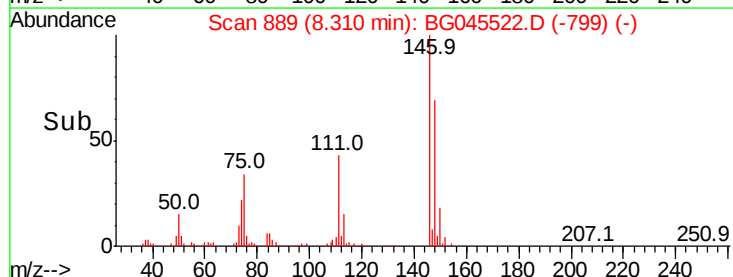
111 43.3 35.0 52.4

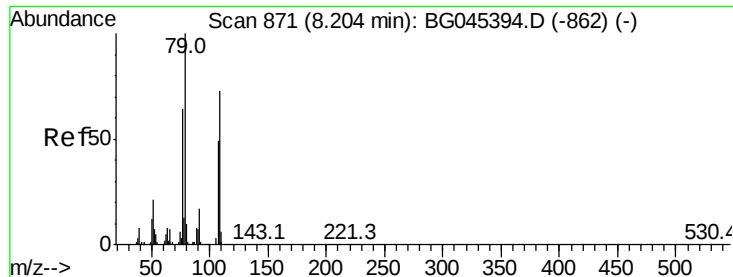


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 43.945 ng

RT: 8.20 min Scan# 871

Delta R.T. -0.00 min

Lab File: BG045522.D

Acq: 29 May 2020 13:58

Instrument :

BNA_G

ClientSampleId :

PB129160BS

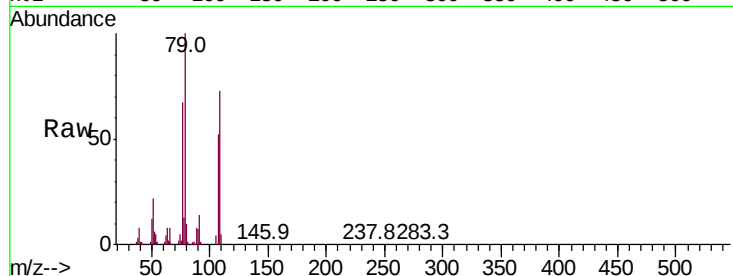
Tot Ion: 79 Resp: 180449

Ion Ratio Lower Upper

79 100

108 72.9 58.2 87.4

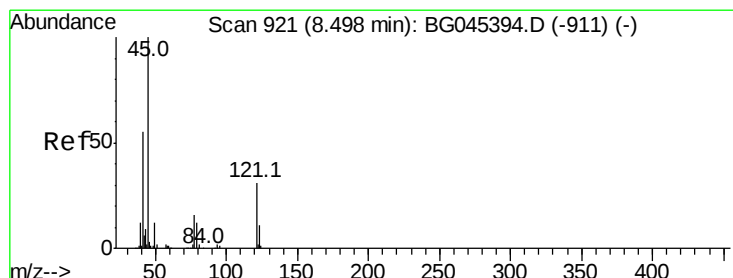
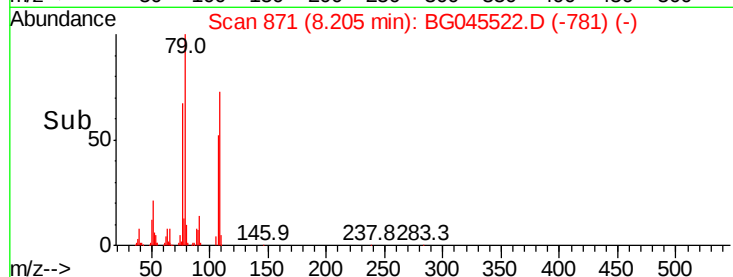
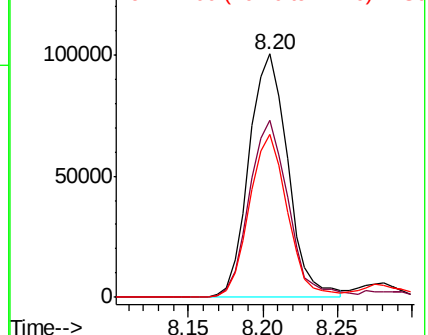
77 66.7 51.0 76.4



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC



#16

2,2'-oxybis(1-chloropropane)

Concen: 41.032 ng

RT: 8.49 min Scan# 919

Delta R.T. -0.00 min

Lab File: BG045522.D

Acq: 29 May 2020 13:58

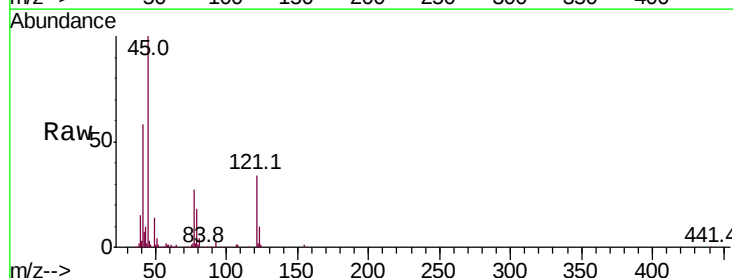
Tgt Ion: 45 Resp: 155634

Ion Ratio Lower Upper

45 100

77 26.6 4.0 44.0

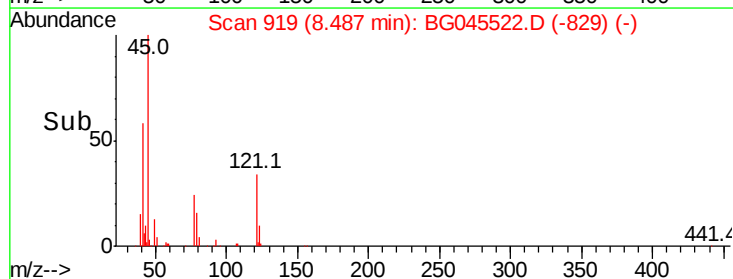
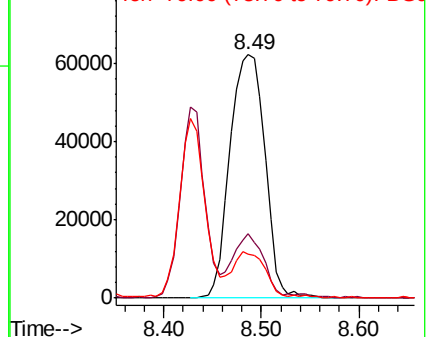
79 18.0 0.0 38.6

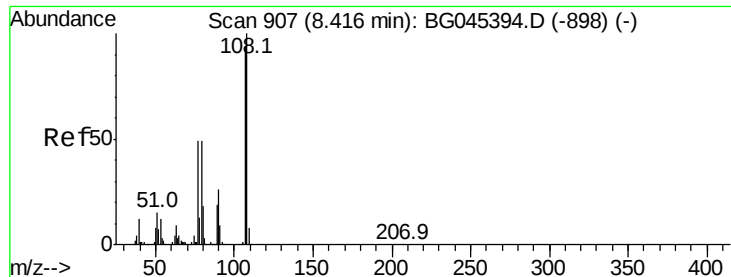


Abundance Ion 45.00 (44.70 to 45.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC





#17

2-Methylphenol

Concen: 43.517 ng

RT: 8.43 min Scan# 909

Delta R.T. -0.01 min

Lab File: BG045522.D

Acq: 29 May 2020 13:58

Instrument :

BNA_G

ClientSampleId :

PB129160BS

Tot Ion:107 Resp: 166867

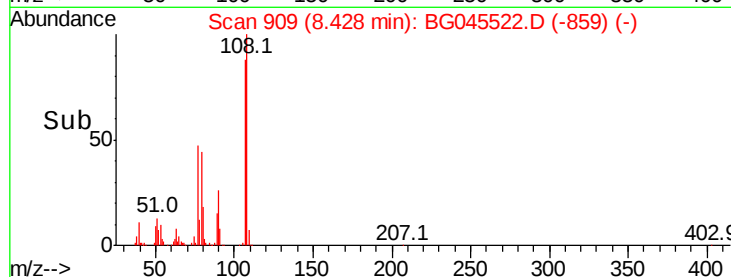
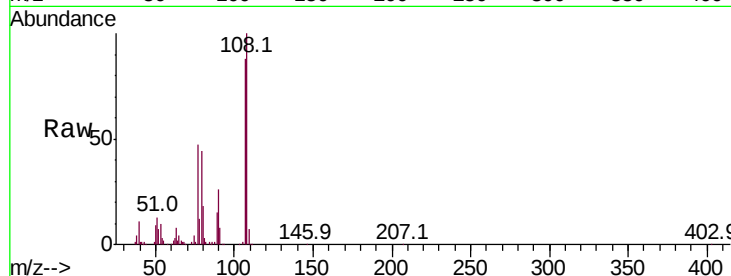
Ion Ratio Lower Upper

107 100

108 113.3 85.2 127.8

77 53.1 41.6 62.4

79 50.0 41.8 62.8



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG

Time-->

8.35 8.40 8.45 8.50

150000

100000

50000

0

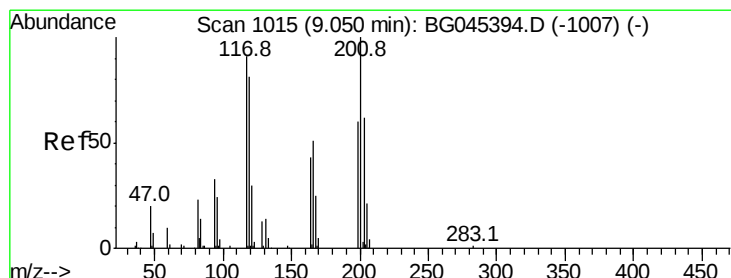
8.43

8.40 8.45 8.50

Time-->

8.35 8.40 8.45 8.50

Time-->



#18

Hexachloroethane

Concen: 43.431 ng

RT: 9.04 min Scan# 1013

Delta R.T. -0.00 min

Lab File: BG045522.D

Acq: 29 May 2020 13:58

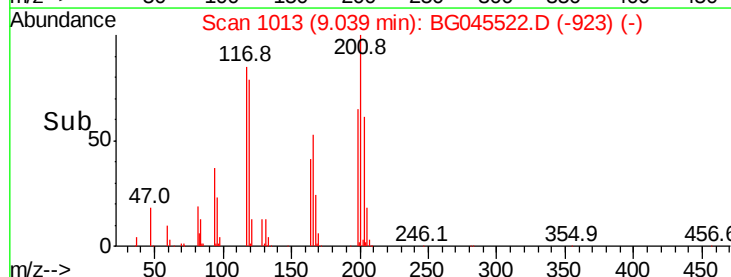
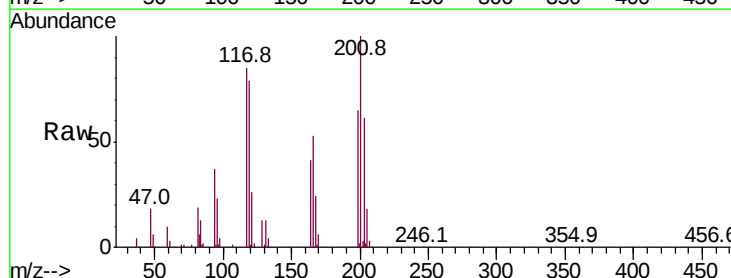
Tgt Ion:117 Resp: 75549

Ion Ratio Lower Upper

117 100

119 93.0 71.3 106.9

201 117.8 87.5 131.3



Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

Time-->

8.95 9.00 9.05 9.10

60000

50000

40000

30000

20000

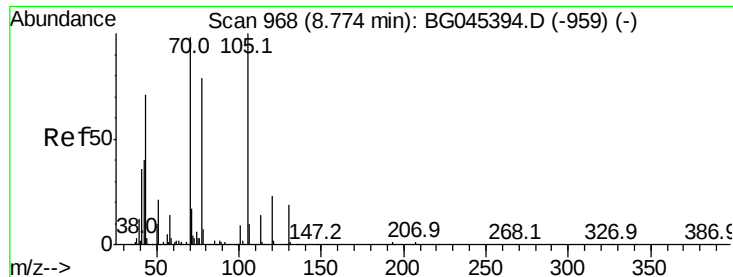
10000

0

9.04

8.95 9.00 9.05 9.10

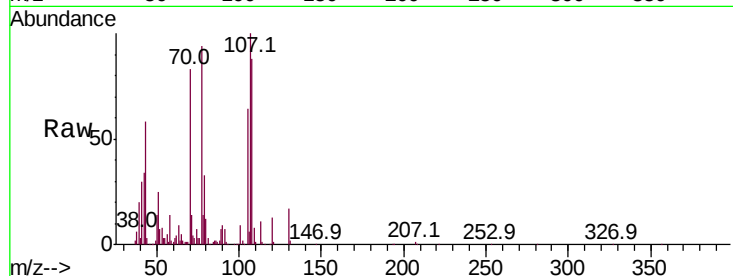
Time-->



#19
n-Nitroso-di-n-propylamine
Concen: 43.525 ng
RT: 8.76 min Scan# 966
Delta R.T. -0.00 min
Lab File: BG045522.D
Acq: 29 May 2020 13:58

Instrument :
BNA_G
ClientSampleId :
PB129160BS

Tot Ion:	70	Resp:	149609
Ion	Ratio	Lower	Upper
70	100		
42	41.7	33.2	49.8
101	10.3	7.8	11.6
130	20.6	15.4	23.2



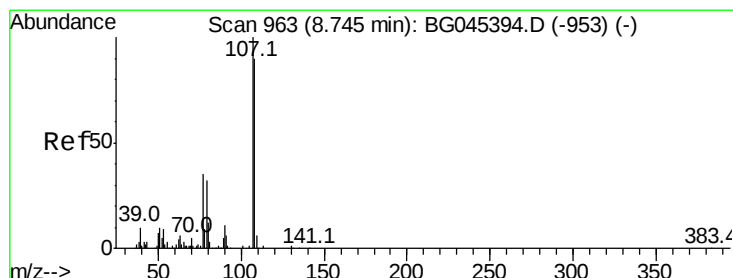
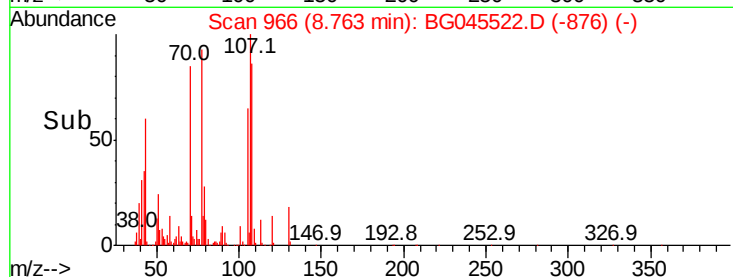
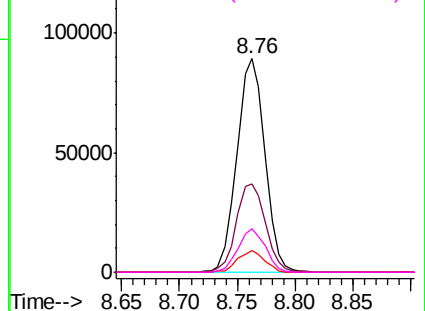
Abundance

Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

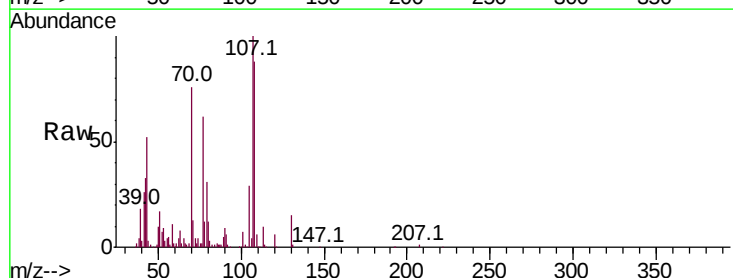
Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20
3+4-Methylphenols
Concen: 42.619 ng
RT: 8.76 min Scan# 965
Delta R.T. -0.01 min
Lab File: BG045522.D
Acq: 29 May 2020 13:58

Tgt Ion:	107	Resp:	222536
Ion	Ratio	Lower	Upper
107	100		
108	87.6	70.3	110.3
77	61.7	15.4	55.4
79	31.4	12.6	52.6



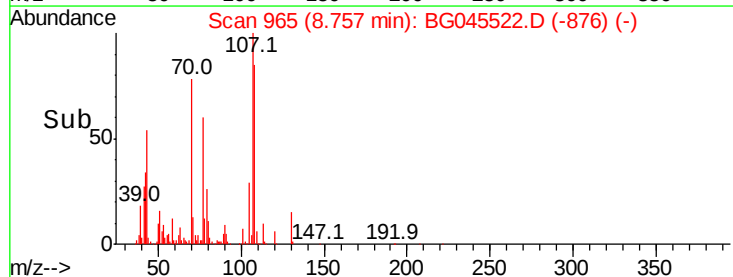
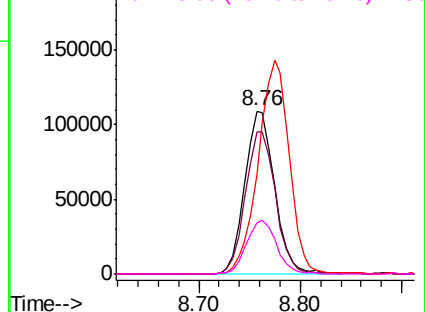
Abundance

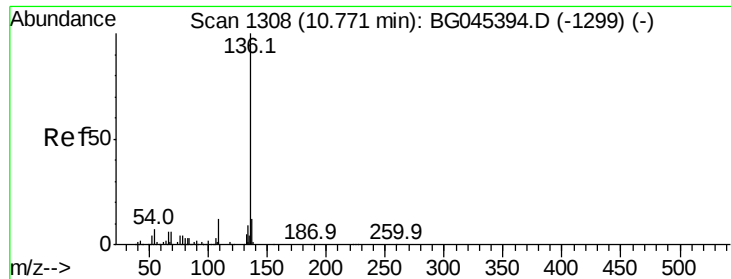
Ion 107.00 (106.70 to 107.70): BGC

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

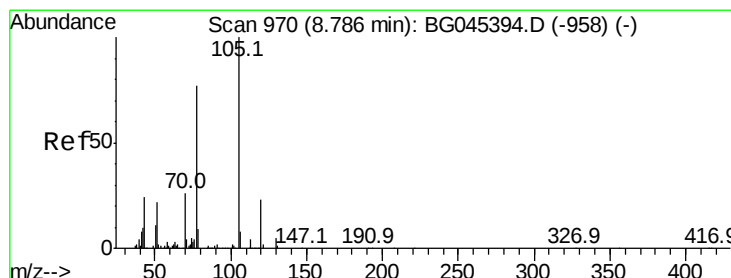
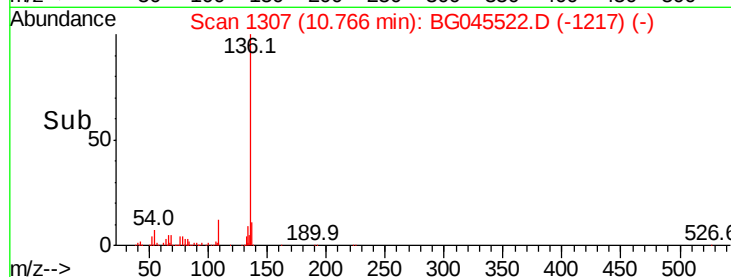
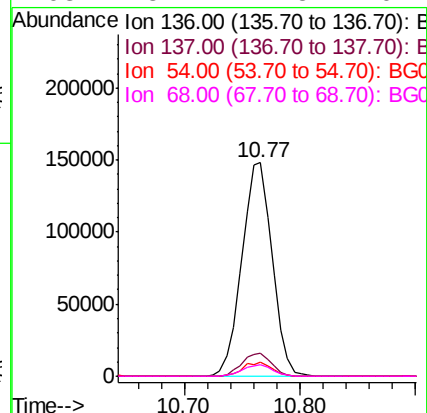
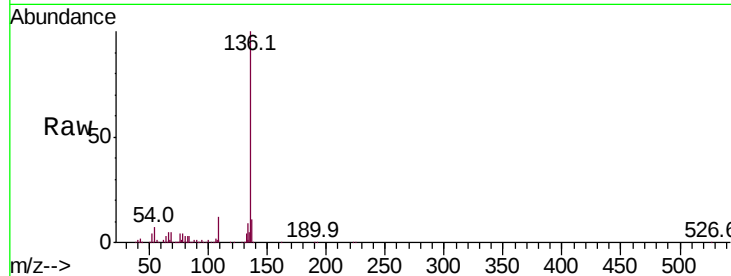




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.77 min Scan# 1307
Delta R.T. -0.00 min
Lab File: BG045522.D
Acq: 29 May 2020 13:58

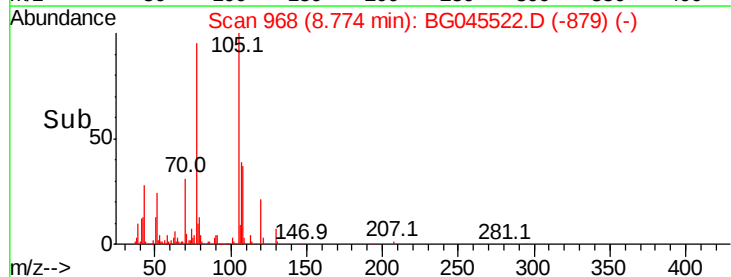
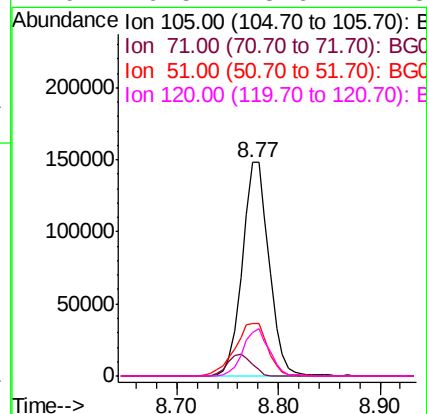
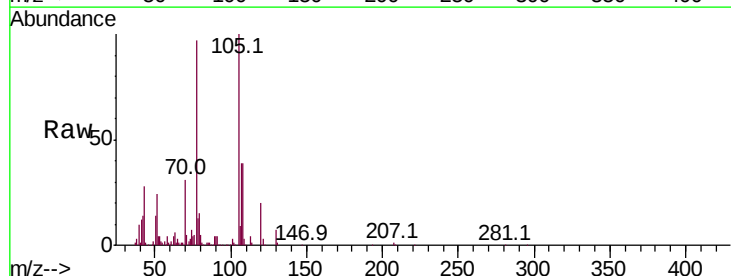
Instrument :
BNA_G
ClientSampleId :
PB129160BS

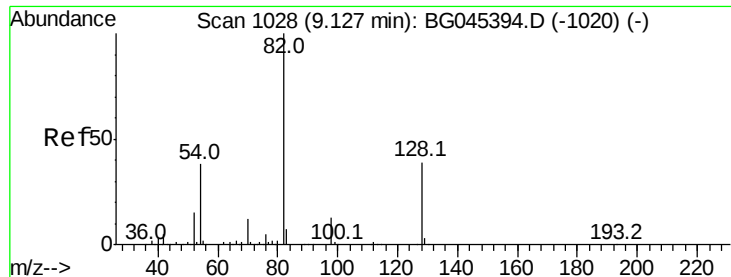
Tot Ion:136	Resp:	269387	
Ion Ratio	Lower	Upper	
136 100			
137 10.7	9.4	14.2	
54 6.7	5.8	8.6	
68 5.1	4.5	6.7	



#22
Acetophenone
Concen: 42.418 ng
RT: 8.77 min Scan# 968
Delta R.T. -0.01 min
Lab File: BG045522.D
Acq: 29 May 2020 13:58

Tgt	Ion:105	Resp:	270827
Ion	Ratio	Lower	Upper
105	100		
71	5.5	3.4	5.0#
51	24.5	18.2	27.2
120	20.5	18.6	27.8

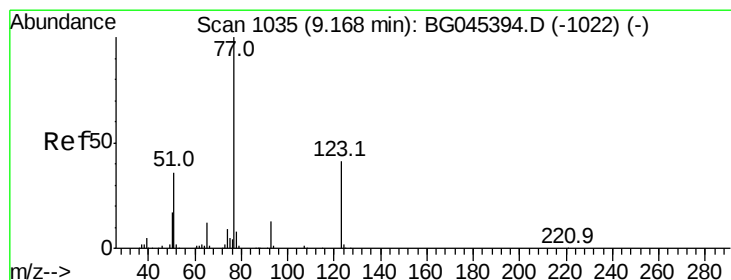
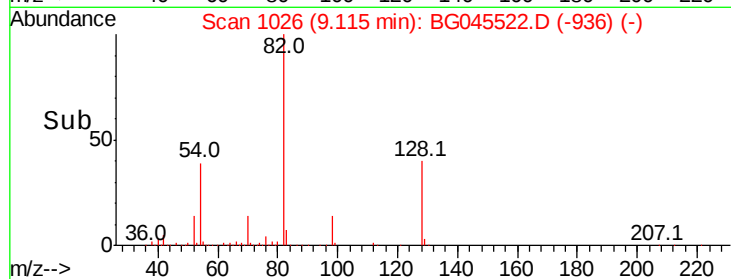
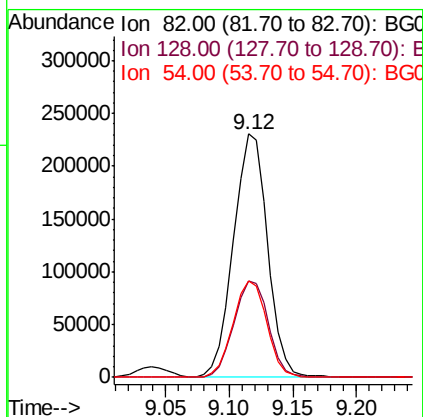
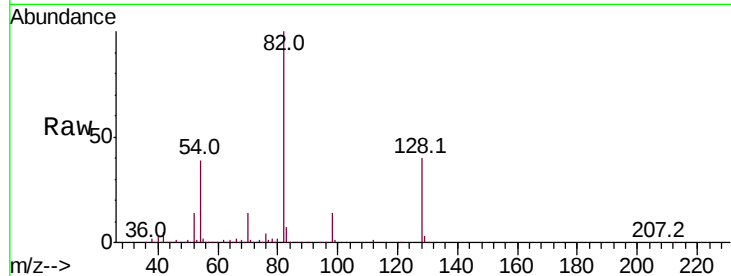




#23
Nitrobenzene-d5
Concen: 86.669 ng
RT: 9.12 min Scan# 1026
Delta R.T. -0.00 min
Lab File: BG045522.D
Acq: 29 May 2020 13:58

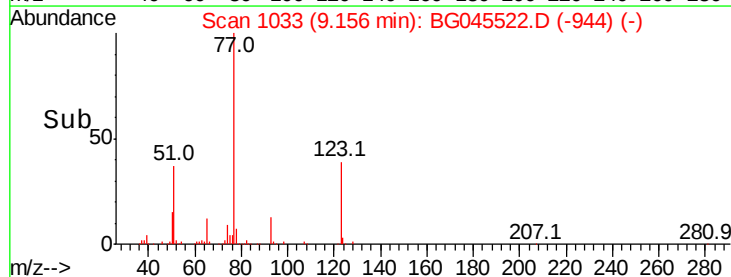
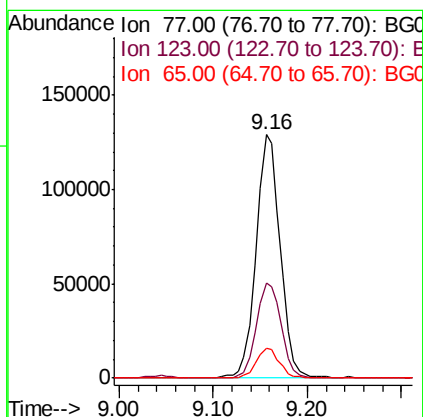
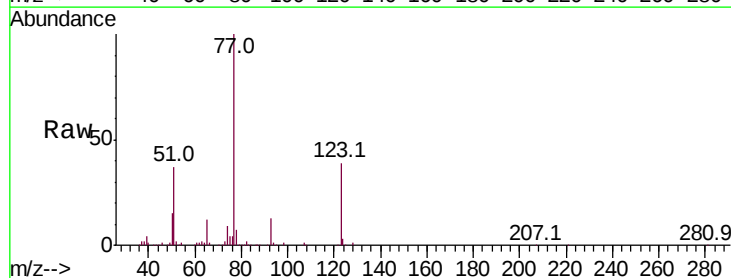
Instrument :
BNA_G
ClientSampleId :
PB129160BS

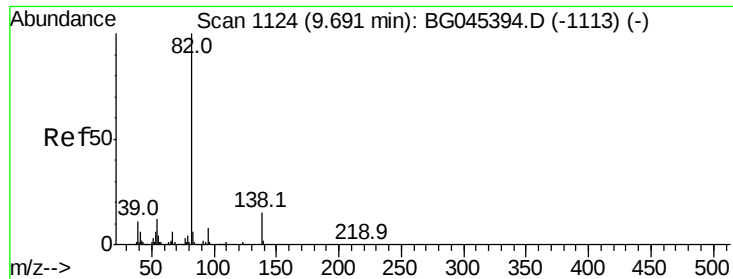
Tot Ion: 82 Resp: 428148
Ion Ratio Lower Upper
82 100
128 39.8 30.9 46.3
54 39.4 30.3 45.5



#24
Nitrobenzene
Concen: 43.195 ng
RT: 9.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BG045522.D
Acq: 29 May 2020 13:58

Tgt Ion: 77 Resp: 228619
Ion Ratio Lower Upper
77 100
123 39.3 32.9 49.3
65 12.3 9.4 14.2





#25

Isophorone

Concen: 41.924 ng

RT: 9.68 min Scan# 1123

Delta R.T. -0.00 min

Lab File: BG045522.D

Acq: 29 May 2020 13:58

Instrument :

BNA_G

ClientSampleId :

PB129160BS

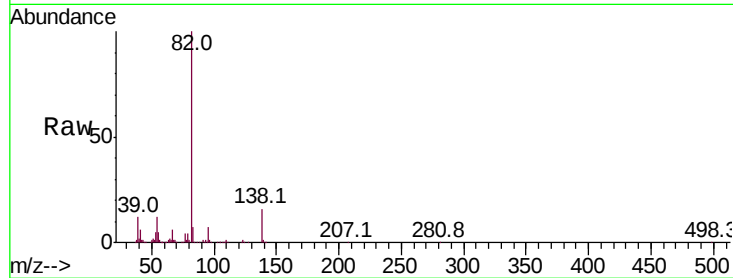
Tot Ion: 82 Resp: 407874

Ion Ratio Lower Upper

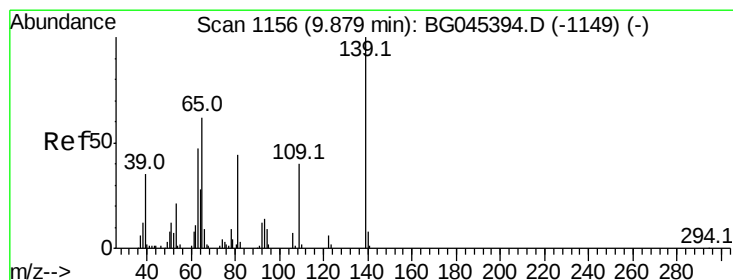
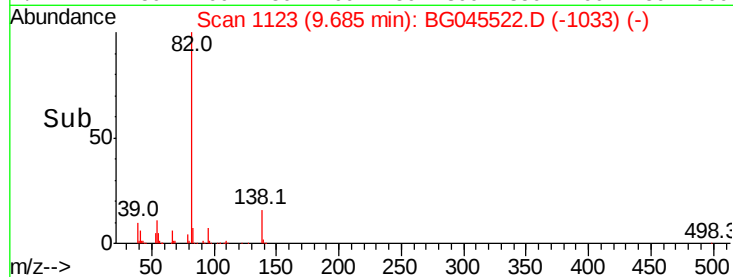
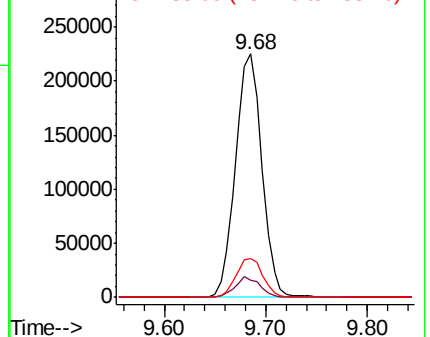
82 100

95 7.2 6.7 10.1

138 16.2 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: 45.553 ng

RT: 9.87 min Scan# 1155

Delta R.T. -0.00 min

Lab File: BG045522.D

Acq: 29 May 2020 13:58

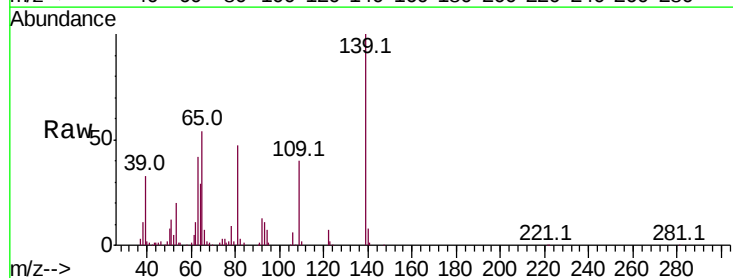
Tgt Ion: 139 Resp: 103139

Ion Ratio Lower Upper

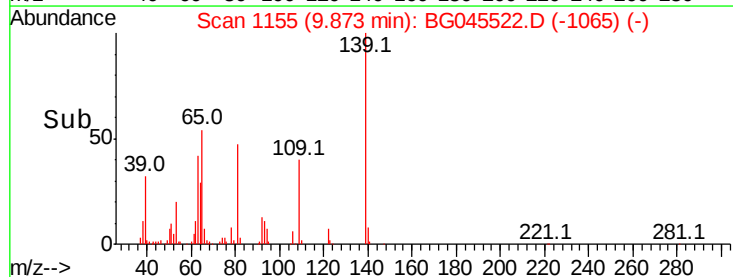
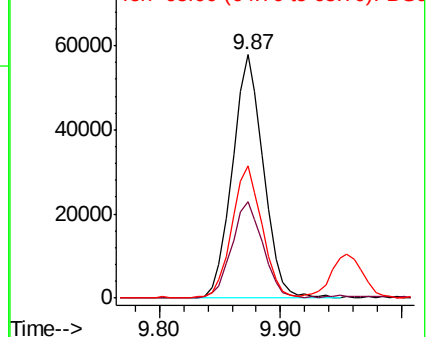
139 100

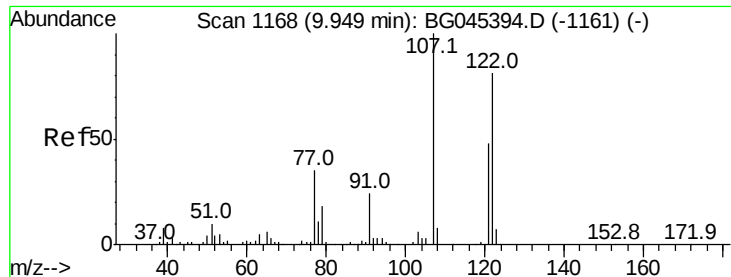
109 39.8 32.2 48.4

65 54.3 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

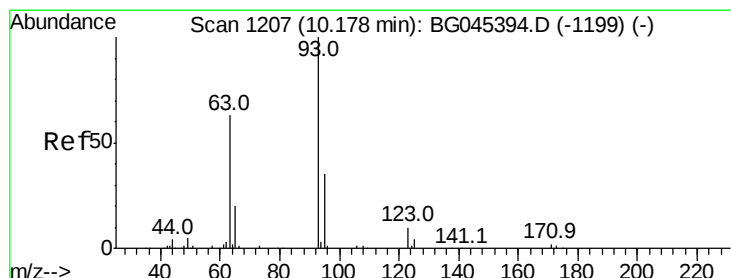
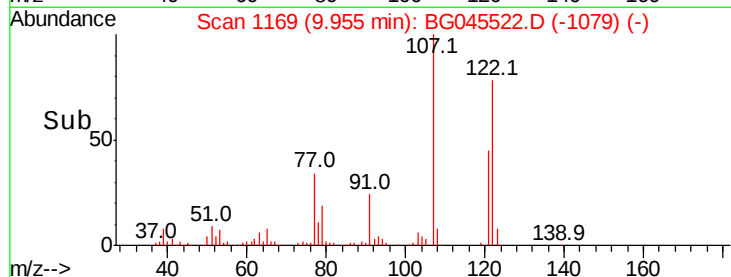
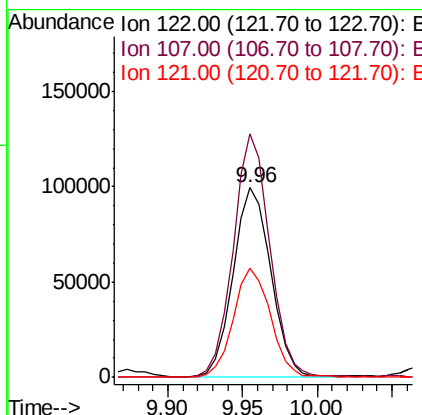
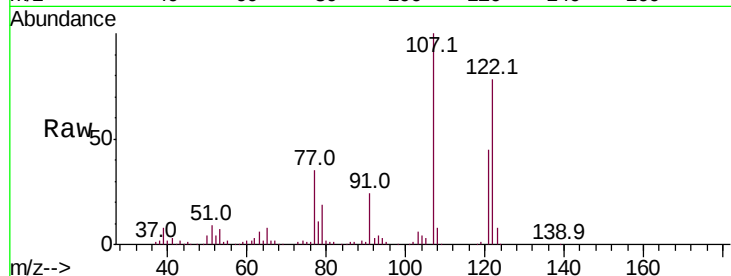




#27
 2,4-Dimethylphenol
 Concen: 52.231 ng
 RT: 9.96 min Scan# 1169
 Delta R.T. -0.00 min
 Lab File: BG045522.D
 Acq: 29 May 2020 13:58

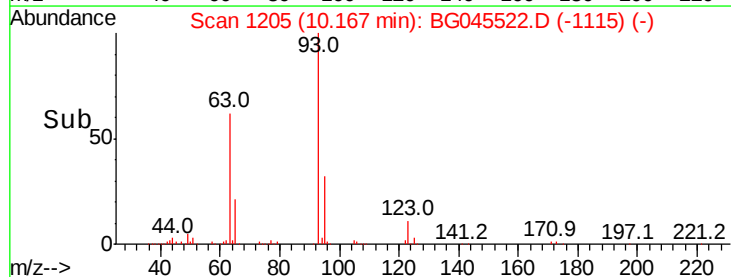
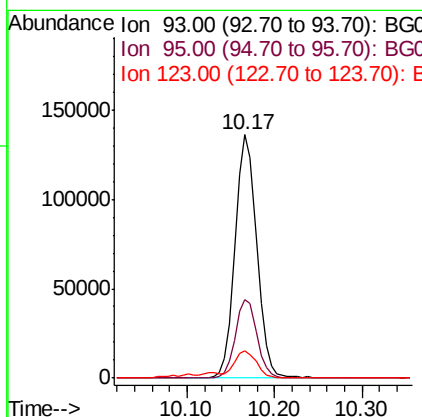
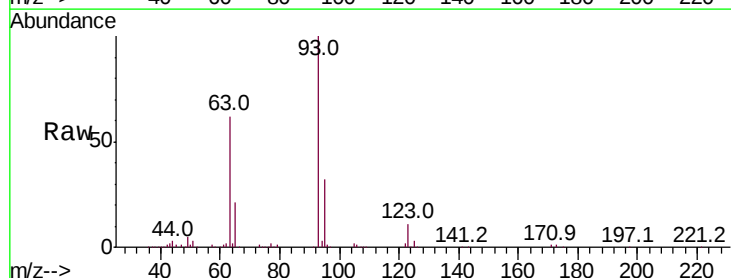
Instrument :
 BNA_G
 ClientSampleId :
 PB129160BS

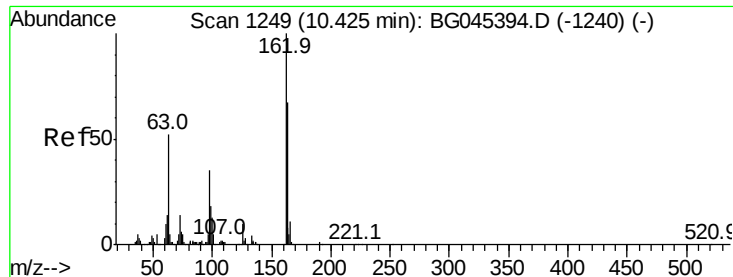
Tot Ion	Ratio	Lower	Upper
122	100		
107	128.5	99.0	148.4
121	57.5	47.7	71.5



#28
 bis(2-Chloroethoxy)methane
 Concen: 44.663 ng
 RT: 10.17 min Scan# 1205
 Delta R.T. -0.00 min
 Lab File: BG045522.D
 Acq: 29 May 2020 13:58

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.4	27.6	41.4
123	11.1	8.1	12.1





#29

2,4-Dichlorophenol

Concen: 46.460 ng

RT: 10.43 min Scan# 1250

Delta R.T. -0.01 min

Lab File: BG045522.D

Acq: 29 May 2020 13:58

Instrument :

BNA_G

ClientSampleId :

PB129160BS

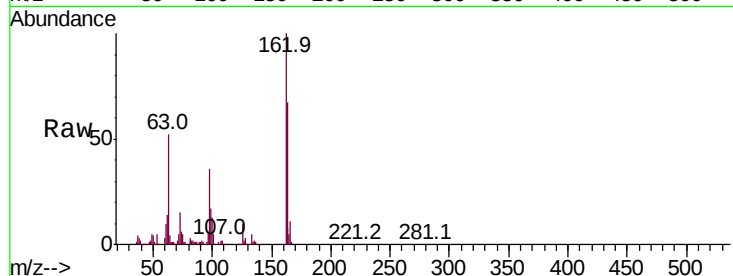
Tot Ion:162 Resp: 184235

Ion Ratio Lower Upper

162 100

164 67.3 46.8 86.8

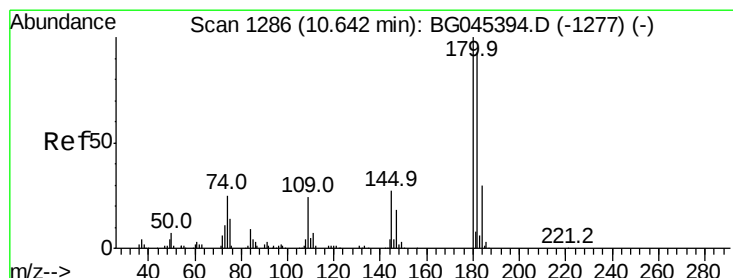
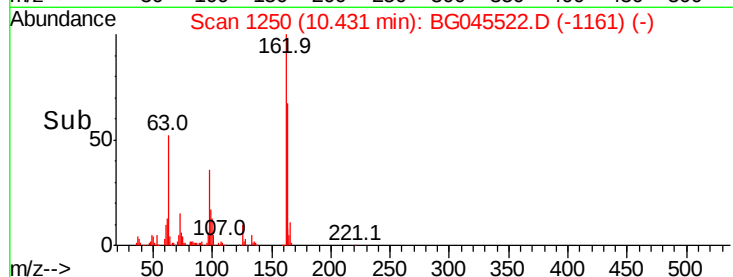
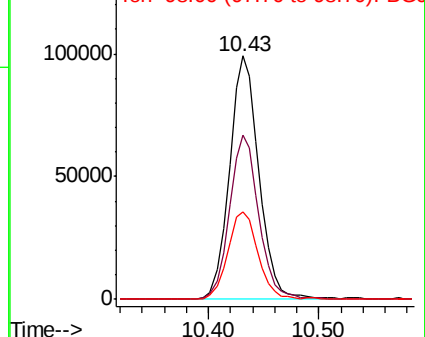
98 36.1 15.2 55.2



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): B



#30

1,2,4-Trichlorobenzene

Concen: 43.853 ng

RT: 10.62 min Scan# 1283

Delta R.T. -0.01 min

Lab File: BG045522.D

Acq: 29 May 2020 13:58

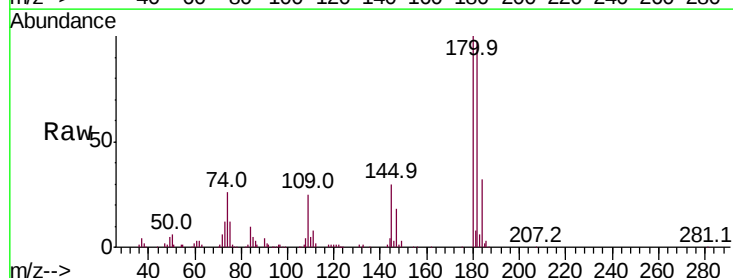
Tgt Ion:180 Resp: 205484

Ion Ratio Lower Upper

180 100

182 96.6 74.8 112.2

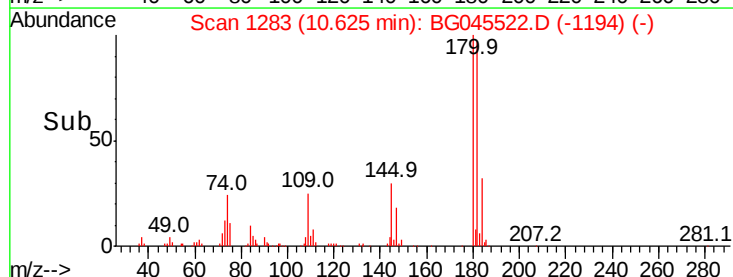
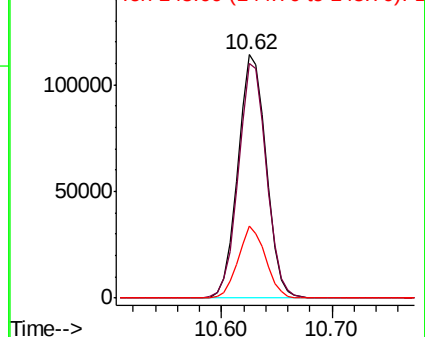
145 29.6 21.9 32.9

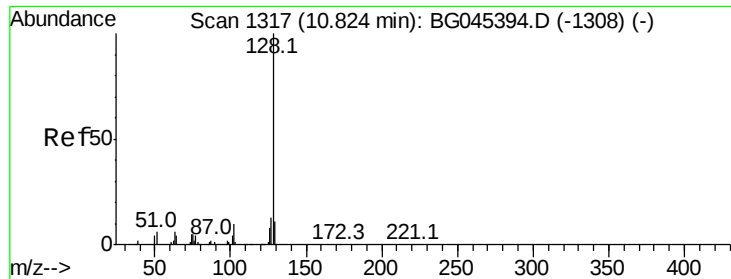


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

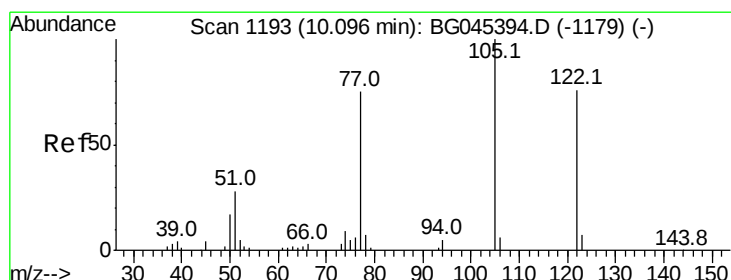
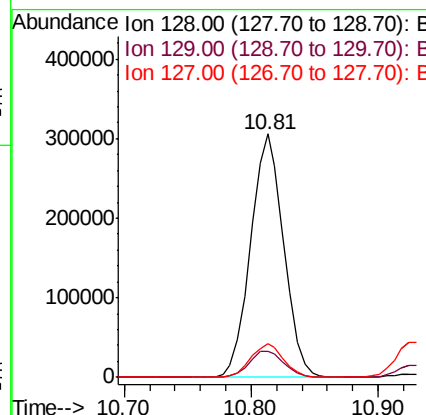
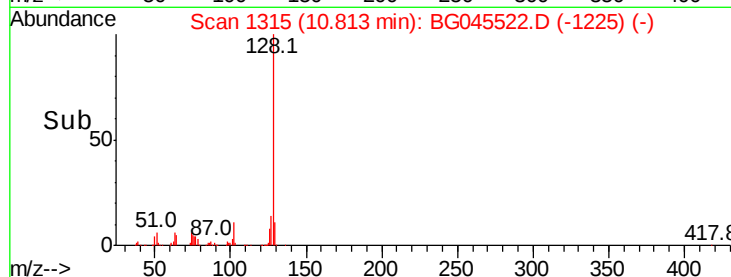
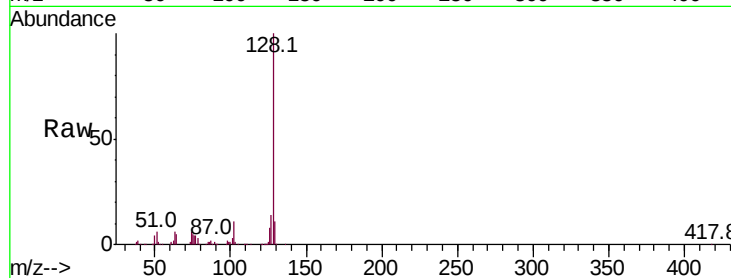




#31
Naphthalene
Concen: 43.937 ng
RT: 10.81 min Scan# 1315
Delta R.T. -0.00 min
Lab File: BG045522.D
Acq: 29 May 2020 13:58

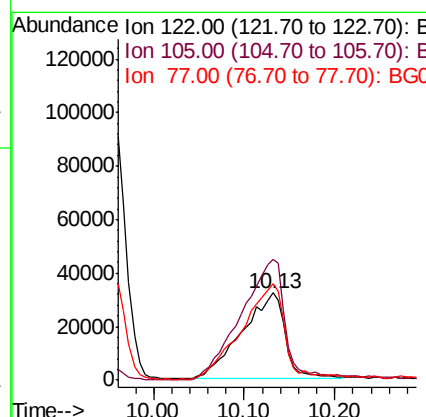
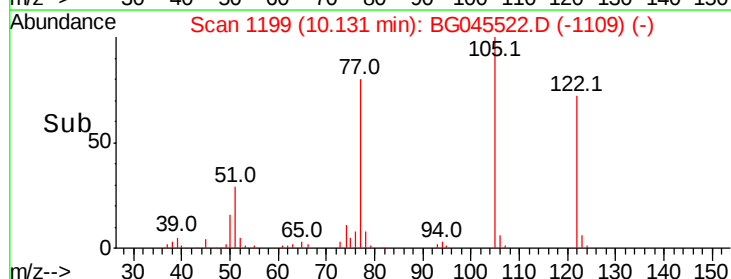
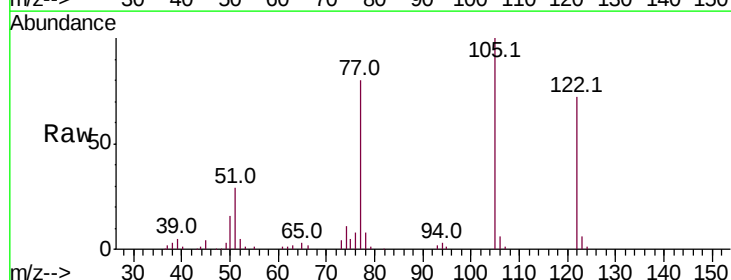
Instrument :
BNA_G
ClientSampleId :
PB129160BS

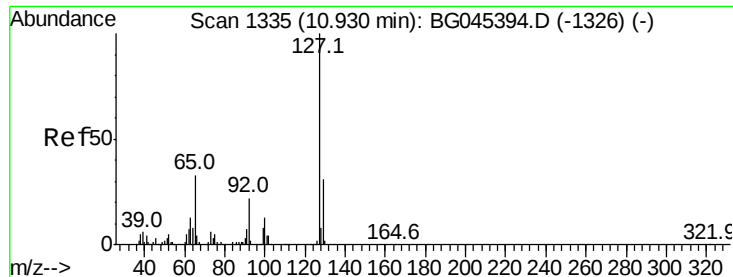
Tot Ion:128 Resp: 551551
Ion Ratio Lower Upper
128 100
129 10.9 9.0 13.6
127 13.7 10.7 16.1



#32
Benzoic acid
Concen: 47.258 ng
RT: 10.13 min Scan# 1199
Delta R.T. -0.00 min
Lab File: BG045522.D
Acq: 29 May 2020 13:58

Tgt Ion:122 Resp: 107486
Ion Ratio Lower Upper
122 100
105 139.0 107.9 147.9
77 110.7 78.9 118.9

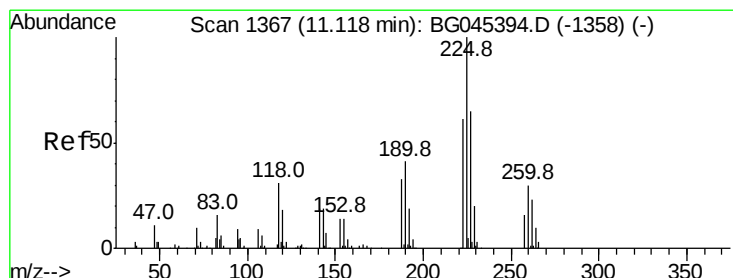
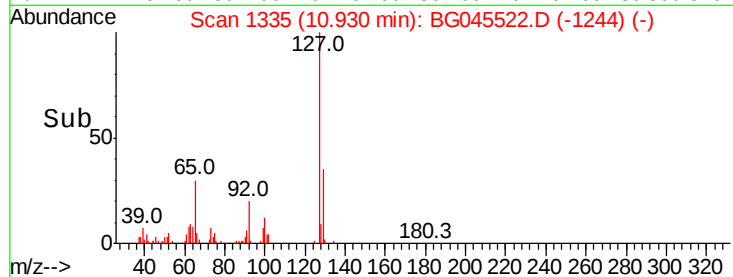
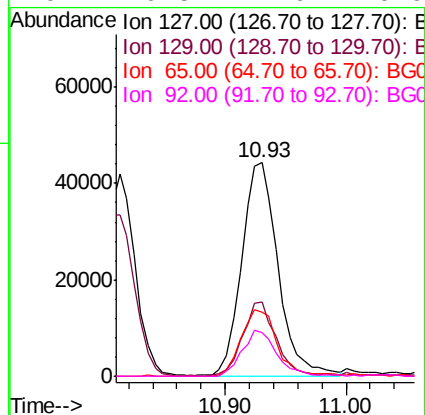
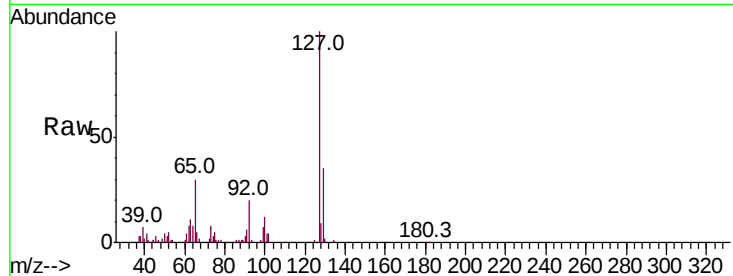




#33
4-Chloroaniline
Concen: 17.747 ng
RT: 10.93 min Scan# 1335
Delta R.T. 0.00 min
Lab File: BG045522.D
Acq: 29 May 2020 13:58

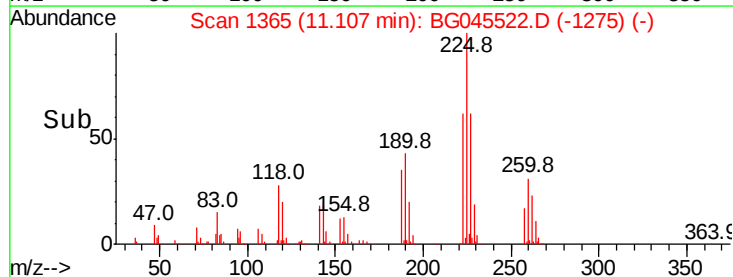
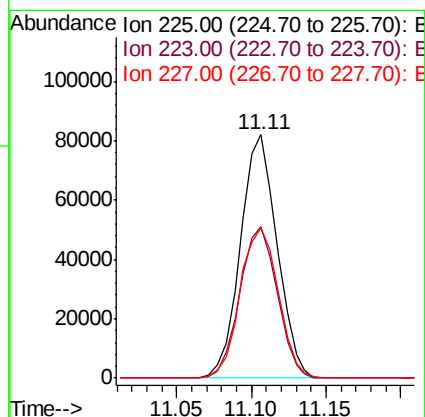
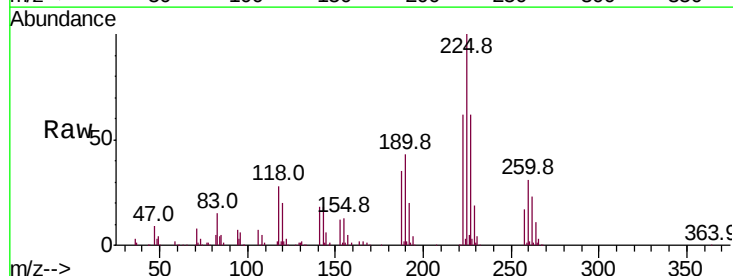
Instrument :
BNA_G
ClientSampleId :
PB129160BS

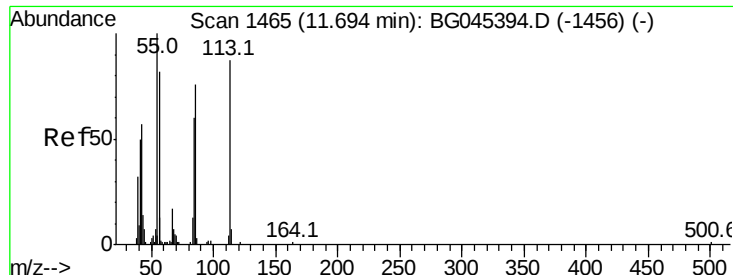
Tot Ion:127	Resp:	93122
Ion Ratio	Lower	Upper
127	100	
129	34.8	24.7 37.1
65	30.2	26.2 39.2
92	20.5	17.9 26.9



#34
Hexachlorobutadiene
Concen: 42.149 ng
RT: 11.11 min Scan# 1365
Delta R.T. -0.00 min
Lab File: BG045522.D
Acq: 29 May 2020 13:58

Tgt Ion:225	Resp:	139609
Ion Ratio	Lower	Upper
225	100	
223	62.1	49.1 73.7
227	61.5	52.0 78.0

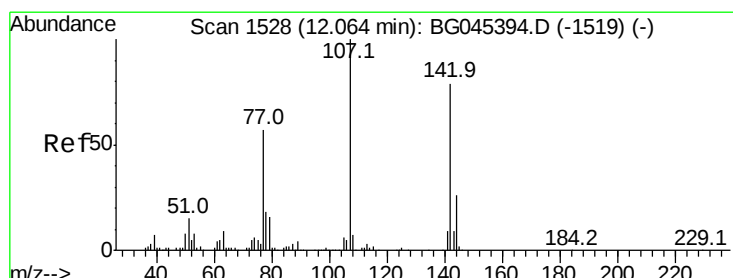
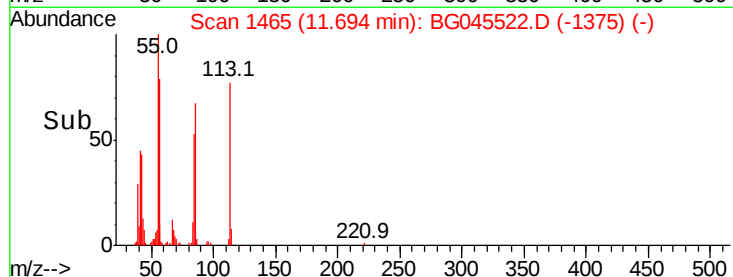
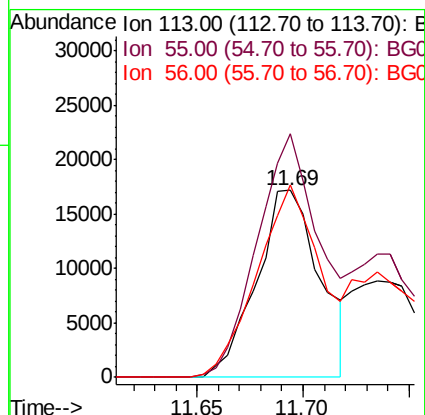
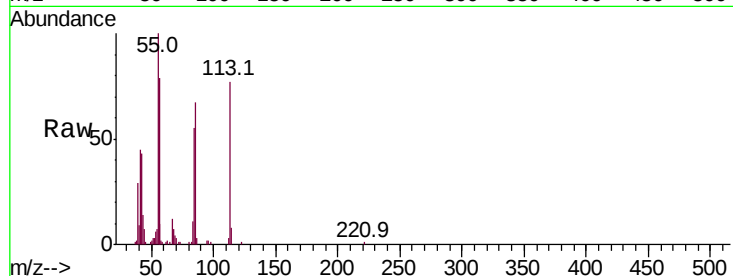




#35
 Caprolactam
 Concen: 24.569 ng
 RT: 11.69 min Scan# 1465
 Delta R.T. -0.00 min
 Lab File: BG045522.D
 Acq: 29 May 2020 13:58

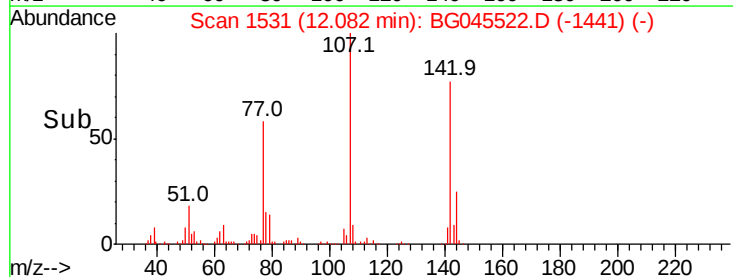
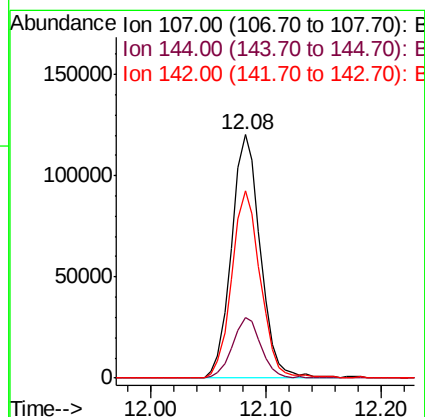
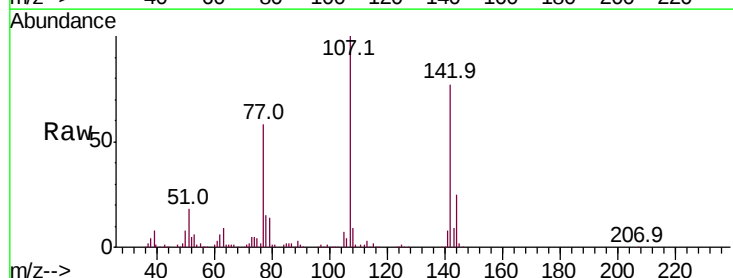
Instrument :
 BNA_G
 ClientSampleId :
 PB129160BS

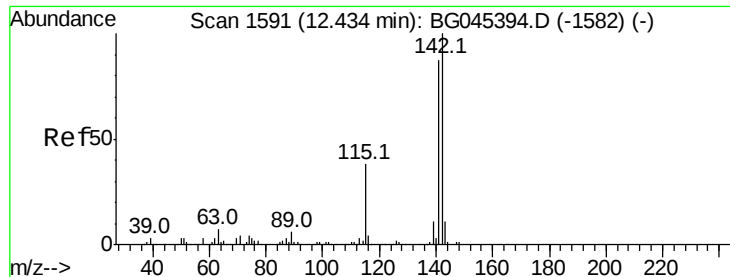
Tot Ion:113 Resp: 35761
 Ion Ratio Lower Upper
 113 100
 55 130.4 96.0 136.0
 56 102.9 75.1 115.1



#36
 4-Chloro-3-methylphenol
 Concen: 46.636 ng
 RT: 12.08 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: BG045522.D
 Acq: 29 May 2020 13:58

Tgt Ion:107 Resp: 208391
 Ion Ratio Lower Upper
 107 100
 144 25.0 20.8 31.2
 142 77.0 62.8 94.2





#37

2-Methylnaphthalene

Concen: 44.558 ng

RT: 12.42 min Scan# 1589

Delta R.T. -0.00 min

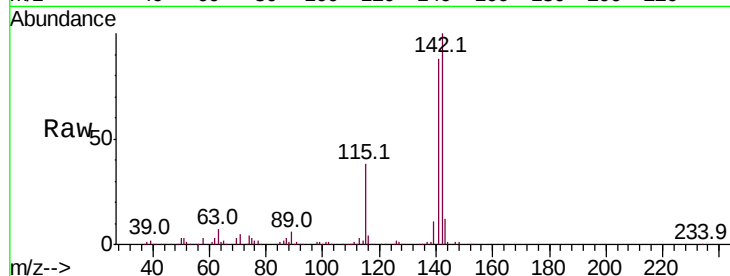
Lab File: BG045522.D

Acq: 29 May 2020 13:58

Instrument :
BNA_G
ClientSampleId :
PB129160BS

Tot Ion:142 Resp: 416904

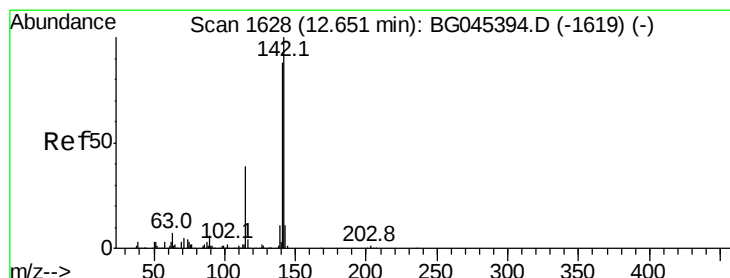
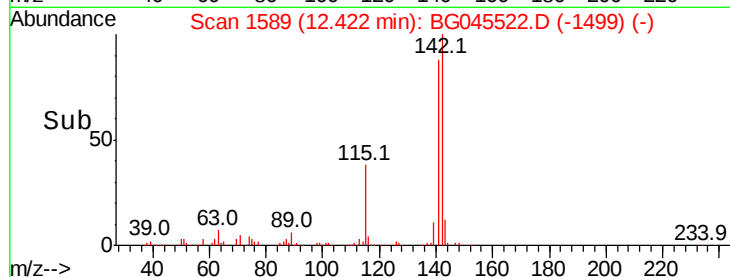
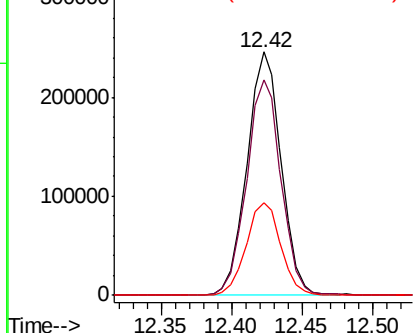
Ion	Ratio	Lower	Upper
142	100		
141	88.4	70.0	105.0
115	38.2	30.8	46.2



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 44.594 ng

RT: 12.64 min Scan# 1626

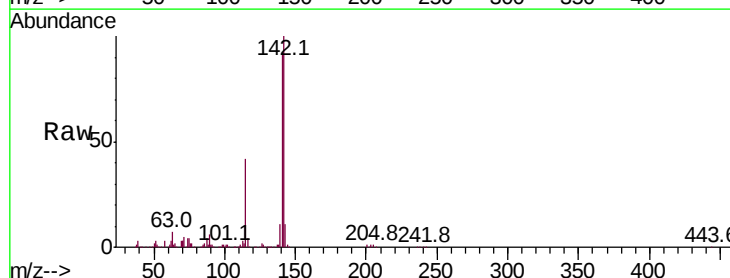
Delta R.T. -0.01 min

Lab File: BG045522.D

Acq: 29 May 2020 13:58

Tgt Ion:142 Resp: 394133

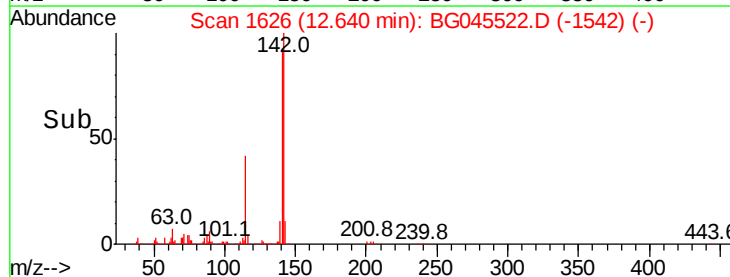
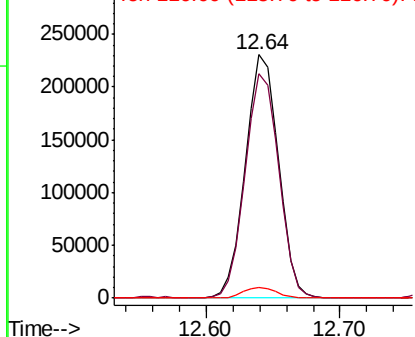
Ion	Ratio	Lower	Upper
142	100		
141	92.2	70.8	106.2
116	4.2	3.0	4.6

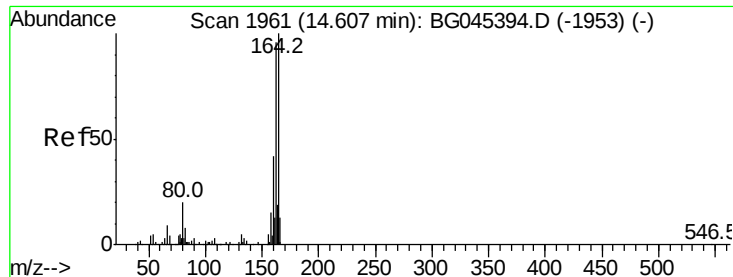


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.60 min Scan# 1960

Delta R.T. -0.00 min

Lab File: BG045522.D

Acq: 29 May 2020 13:58

Instrument :

BNA_G

ClientSampleId :

PB129160BS

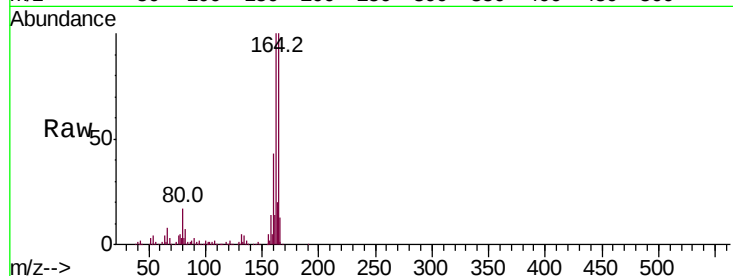
Tot Ion:164 Resp: 189617

Ion Ratio Lower Upper

164 100

162 100.0 76.9 115.3

160 43.4 33.8 50.8

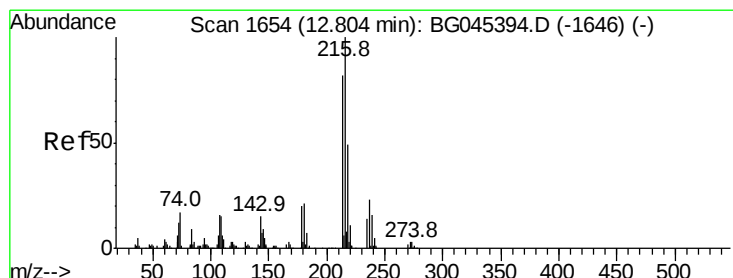
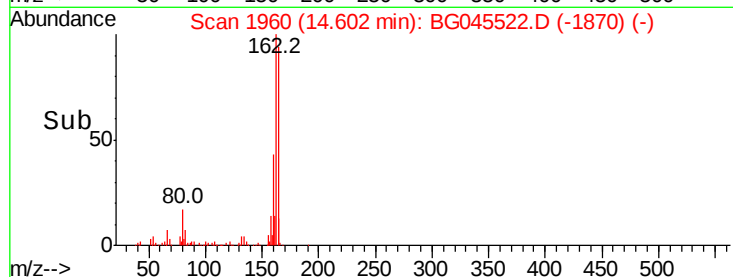
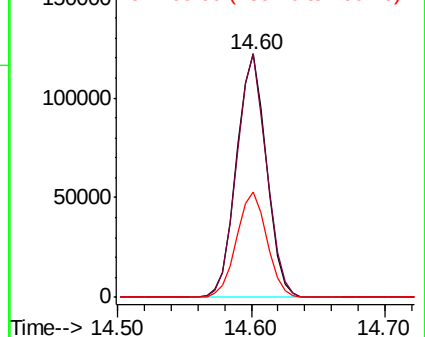


Abundance

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: 44.594 ng

RT: 12.80 min Scan# 1653

Delta R.T. 0.00 min

Lab File: BG045522.D

Acq: 29 May 2020 13:58

Tgt Ion:216 Resp: 236182

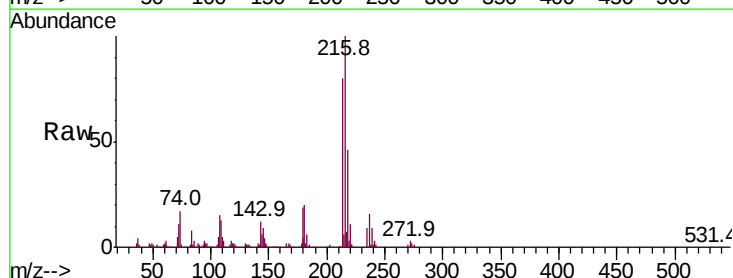
Ion Ratio Lower Upper

216 100

214 79.5 63.7 95.5

179 20.3 16.1 24.1

108 18.5 13.8 20.6



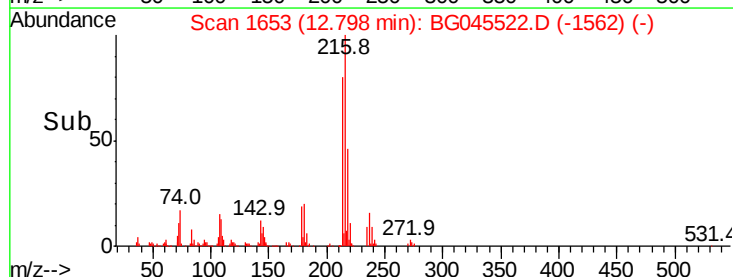
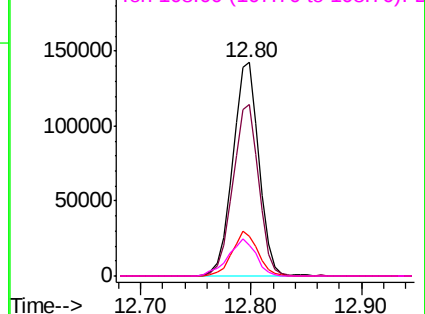
Abundance

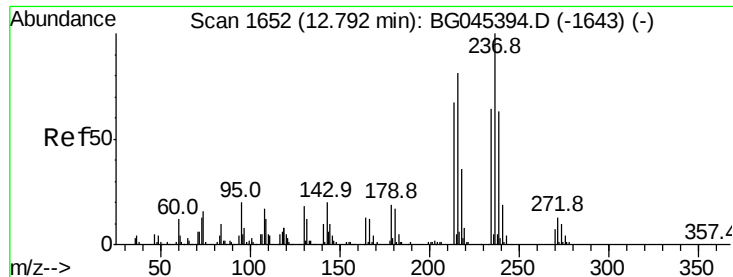
Ion 216.00 (215.70 to 216.70): E

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

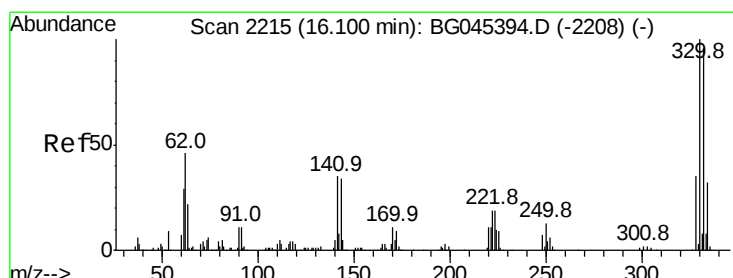
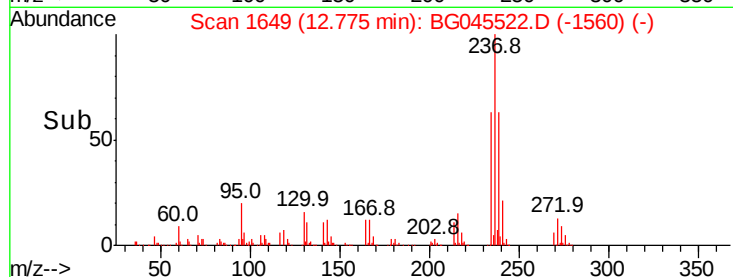
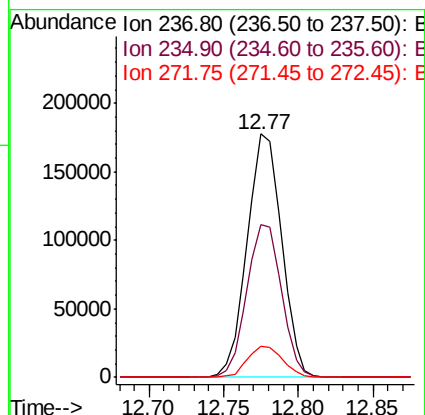
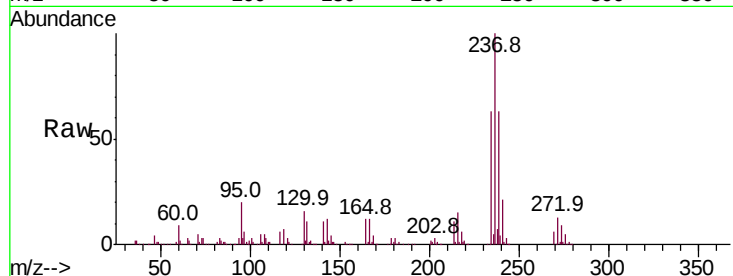




#41
Hexachlorocyclopentadiene
Concen: 92.792 ng
RT: 12.77 min Scan# 1649
Delta R.T. -0.01 min
Lab File: BG045522.D
Acq: 29 May 2020 13:58

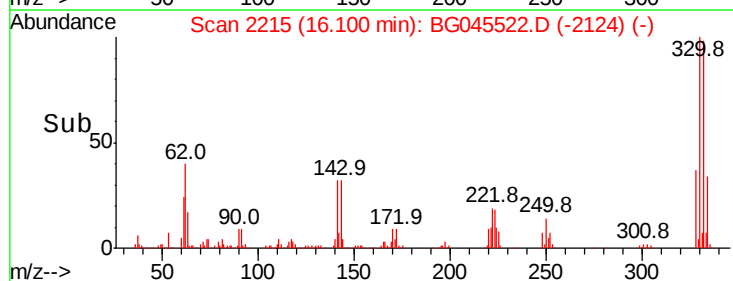
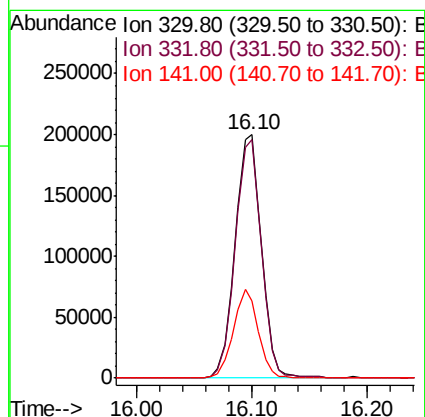
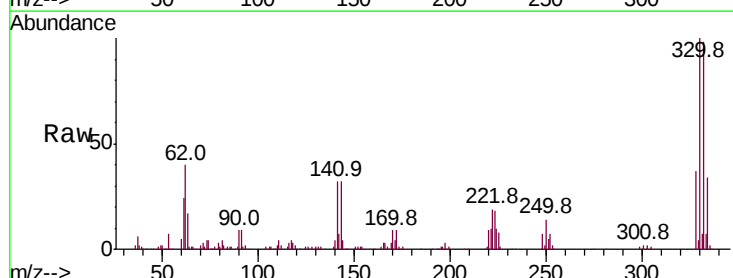
Instrument :
BNA_G
ClientSampleId :
PB129160BS

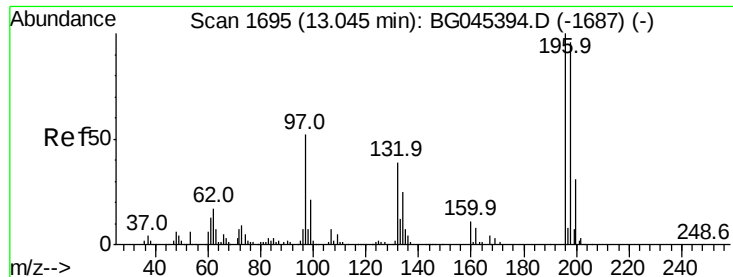
Tot Ion	Ratio	Lower	Upper
237	100		
235	63.0	44.4	84.4
272	12.9	0.0	32.5



#42
2,4,6-Tribromophenol
Concen: 129.918 ng
RT: 16.10 min Scan# 2215
Delta R.T. 0.00 min
Lab File: BG045522.D
Acq: 29 May 2020 13:58

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.7	78.2	117.4
141	34.5	28.2	42.4

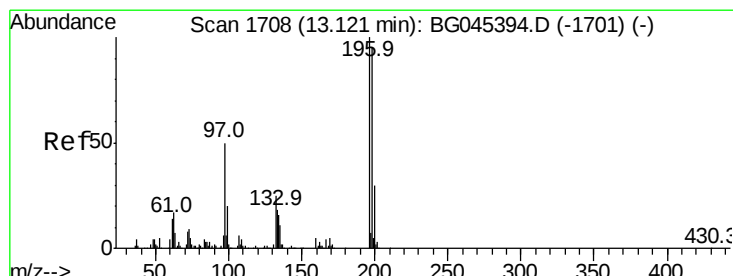
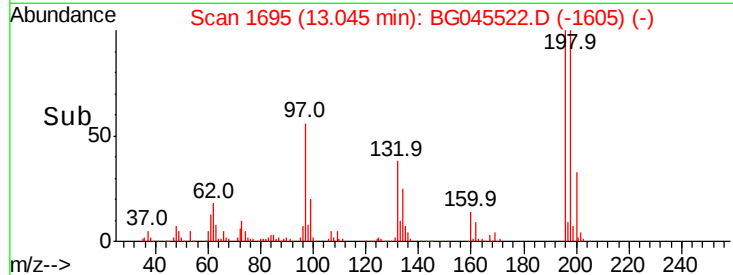
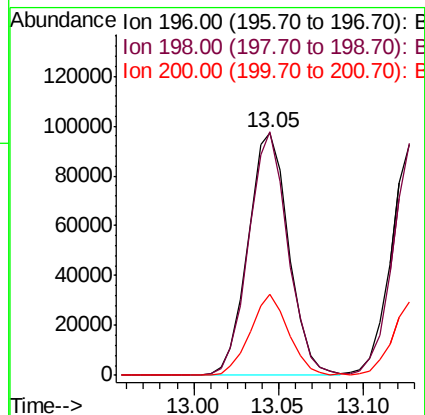
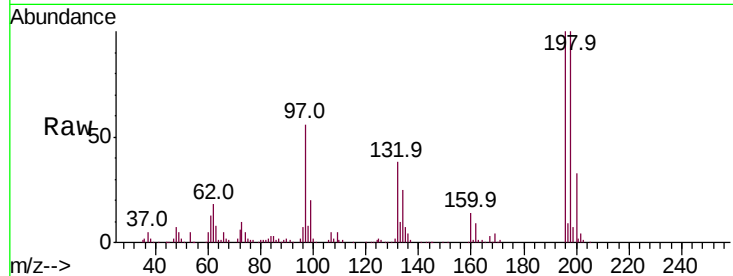




#43
 2,4,6-Trichlorophenol
 Concen: 44.169 ng
 RT: 13.05 min Scan# 1695
 Delta R.T. -0.00 min
 Lab File: BG045522.D
 Acq: 29 May 2020 13:58

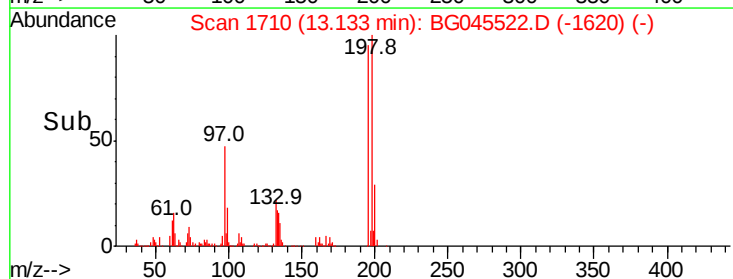
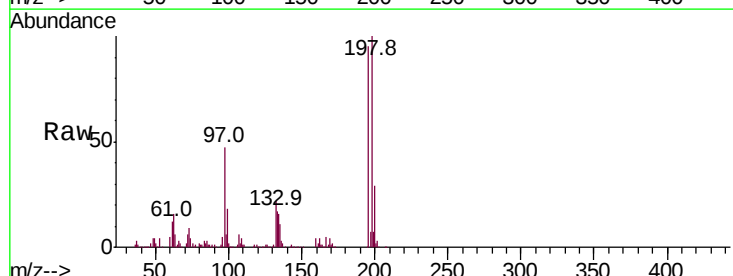
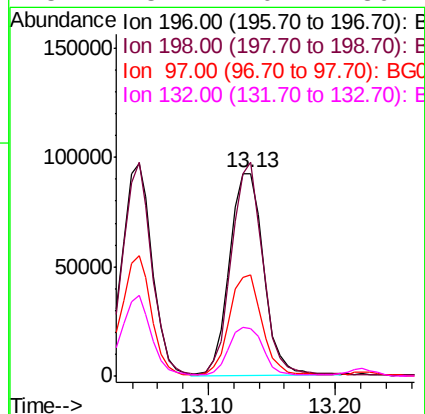
Instrument :
 BNA_G
 ClientSampleId :
 PB129160BS

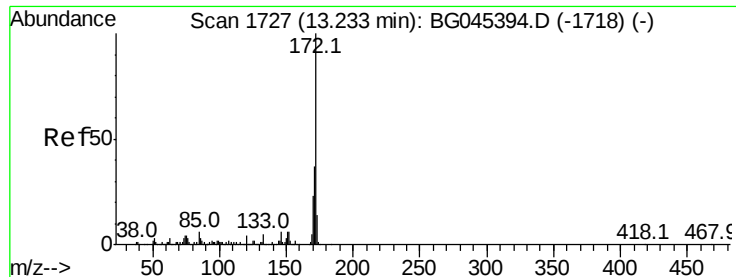
Tot Ion:	196	Resp:	162504
Ion	Ratio	Lower	Upper
196	100		
198	100.4	76.7	115.1
200	33.4	24.9	37.3



#44
 2,4,5-Trichlorophenol
 Concen: 40.653 ng
 RT: 13.13 min Scan# 1710
 Delta R.T. -0.00 min
 Lab File: BG045522.D
 Acq: 29 May 2020 13:58

Tgt Ion:	196	Resp:	170917
Ion	Ratio	Lower	Upper
196	100		
198	105.3	76.1	114.1
97	49.7	40.0	60.0
132	23.4	20.2	30.2

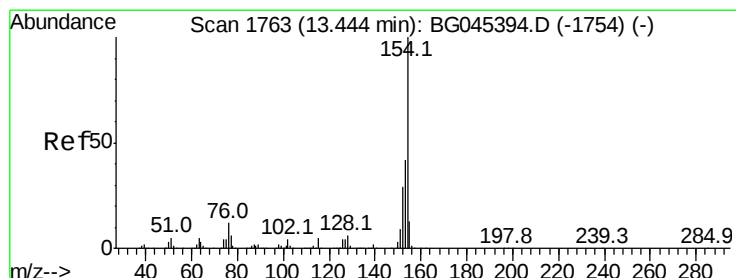
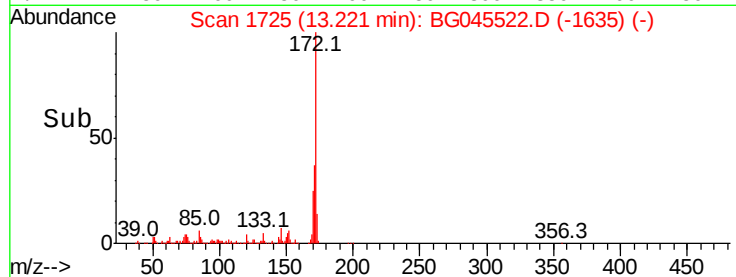
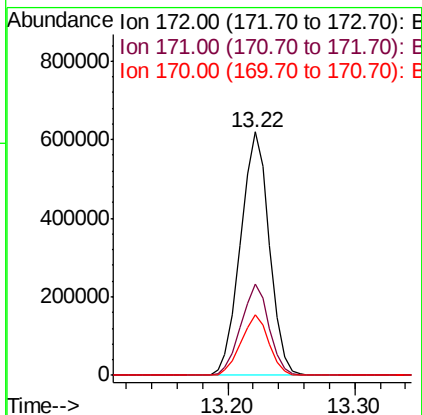
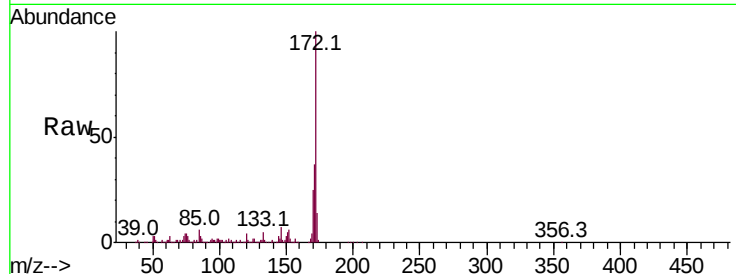




#45
2-Fluorobiphenyl
Concen: 87.127 ng
RT: 13.22 min Scan# 1725
Delta R.T. -0.00 min
Lab File: BG045522.D
Acq: 29 May 2020 13:58

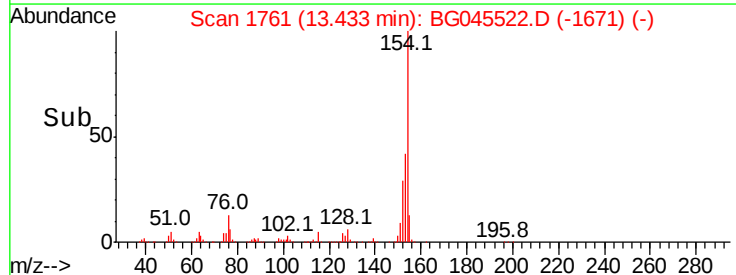
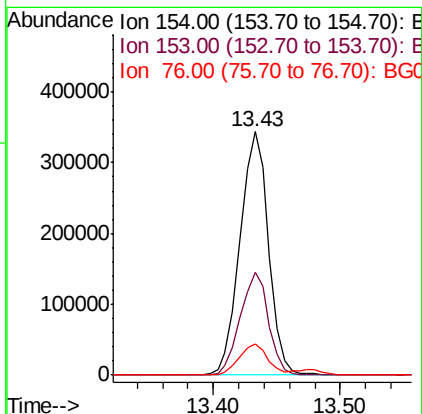
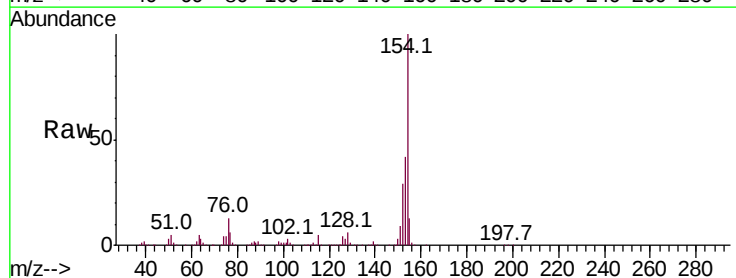
Instrument :
BNA_G
ClientSampleId :
PB129160BS

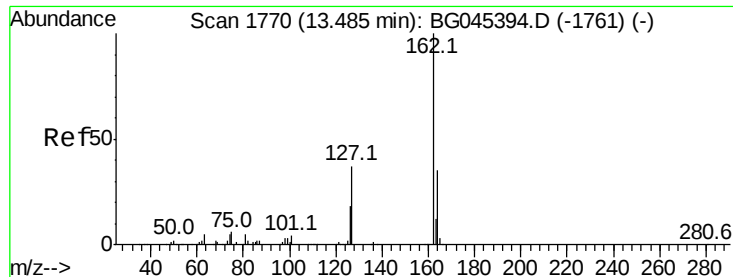
Tot Ion	Ratio	Lower	Upper
172	100		
171	37.4	29.5	44.3
170	24.7	18.5	27.7



#46
1,1'-Biphenyl
Concen: 45.871 ng
RT: 13.43 min Scan# 1761
Delta R.T. -0.00 min
Lab File: BG045522.D
Acq: 29 May 2020 13:58

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.2	22.2	62.2
76	12.8	0.0	32.4

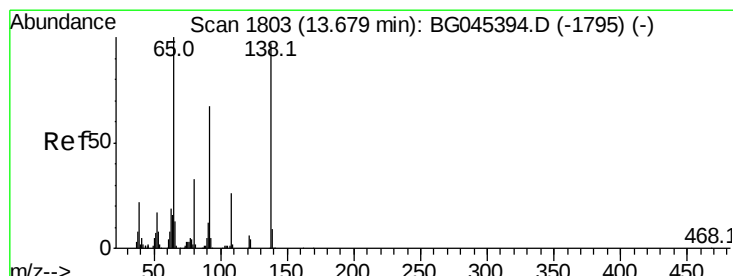
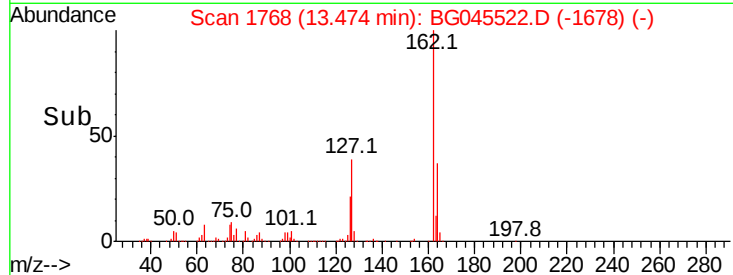
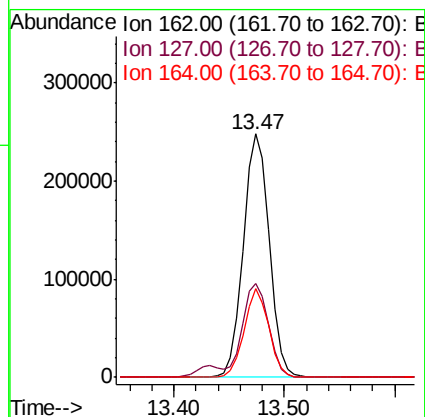
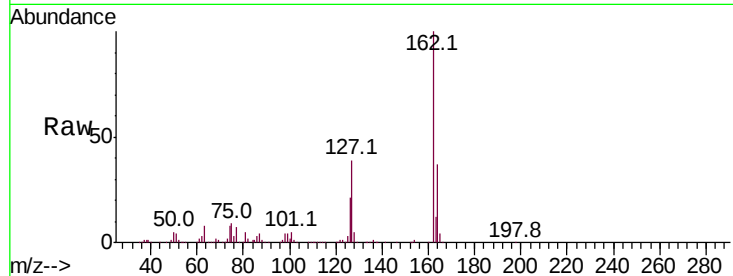




#47
2-Chloronaphthalene
Concen: 43.319 ng
RT: 13.47 min Scan# 1768
Delta R.T. -0.00 min
Lab File: BG045522.D
Acq: 29 May 2020 13:58

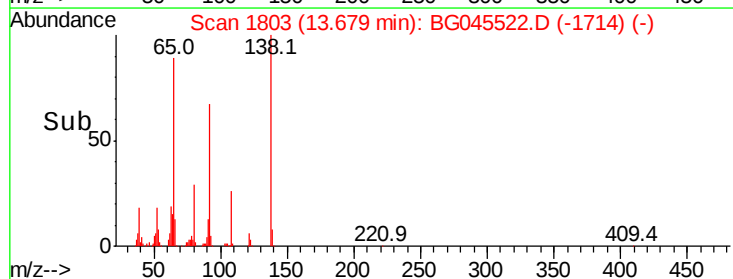
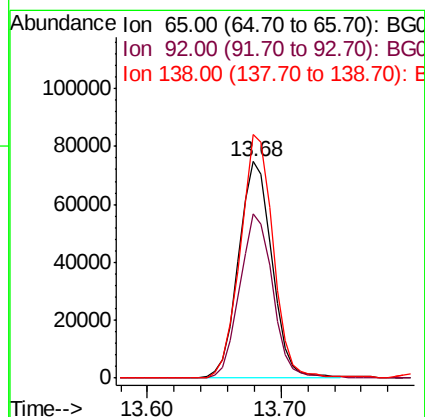
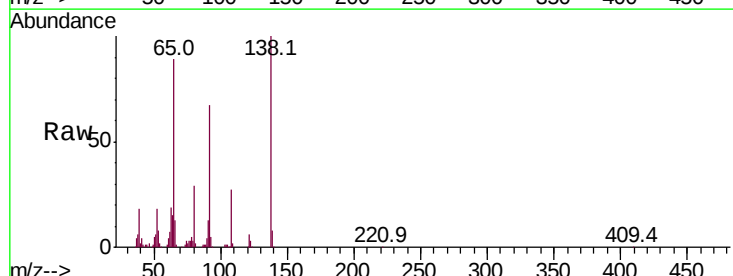
Instrument :
BNA_G
ClientSampleId :
PB129160BS

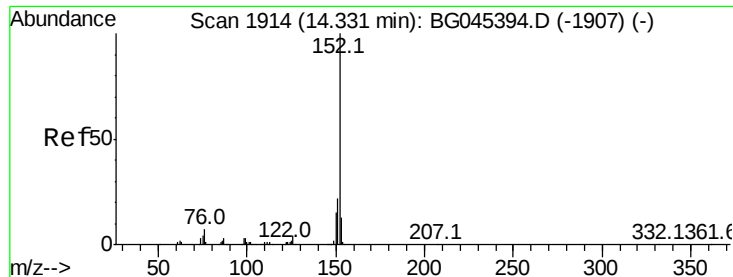
Tot Ion	Ratio	Lower	Upper
162	100		
127	38.7	31.6	47.4
164	36.7	28.1	42.1



#48
2-Nitroaniline
Concen: 41.653 ng
RT: 13.68 min Scan# 1803
Delta R.T. -0.01 min
Lab File: BG045522.D
Acq: 29 May 2020 13:58

Tgt Ion	Ratio	Lower	Upper
65	100		
92	75.7	53.8	80.8
138	112.4	77.9	116.9





#49

Acenaphthylene

Concen: 45.239 ng

RT: 14.32 min Scan# 1912

Delta R.T. -0.01 min

Lab File: BG045522.D

Acq: 29 May 2020 13:58

Instrument :

BNA_G

ClientSampleId :

PB129160BS

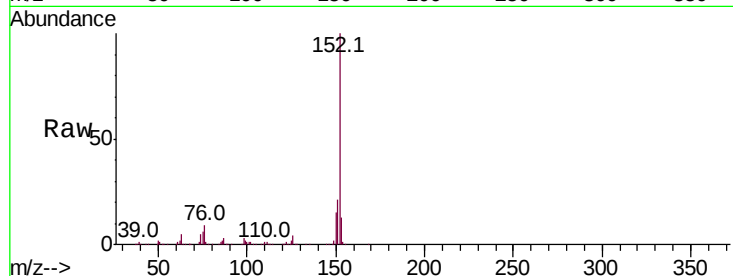
Tot Ion:152 Resp: 687502

Ion Ratio Lower Upper

152 100

151 21.3 17.4 26.2

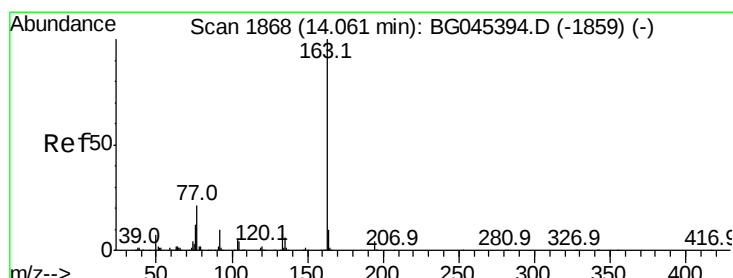
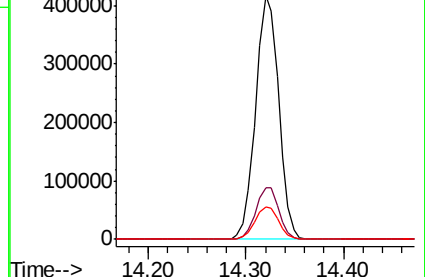
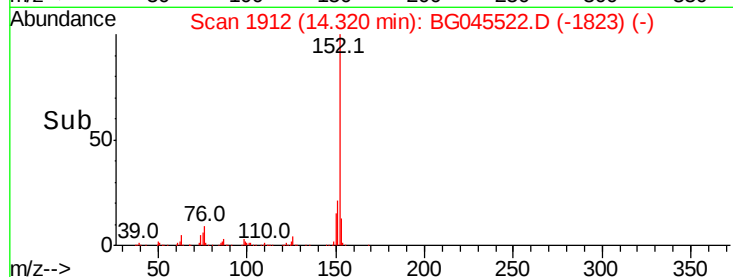
153 13.4 10.7 16.1



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: 42.692 ng

RT: 14.06 min Scan# 1867

Delta R.T. -0.00 min

Lab File: BG045522.D

Acq: 29 May 2020 13:58

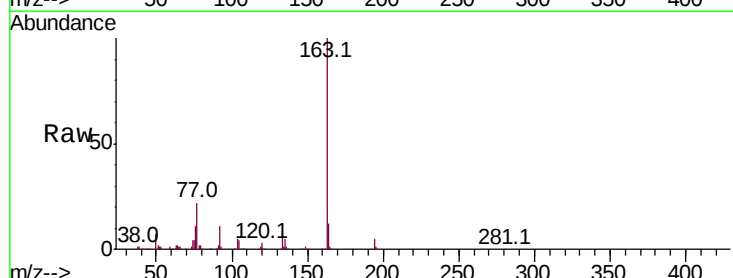
Tgt Ion:163 Resp: 555326

Ion Ratio Lower Upper

163 100

194 4.7 3.2 4.8

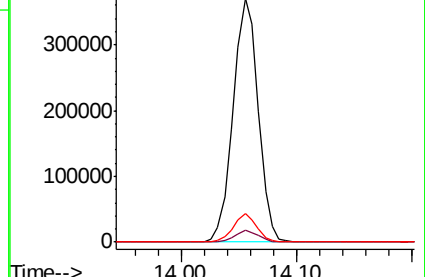
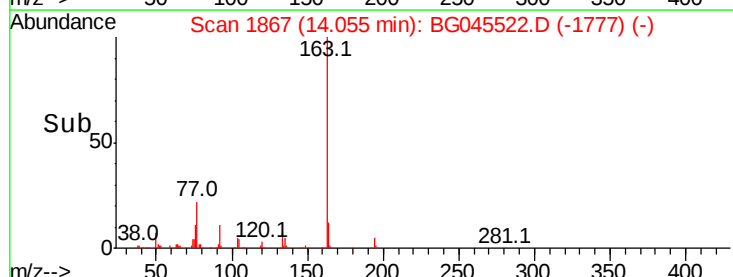
164 11.7 8.3 12.5

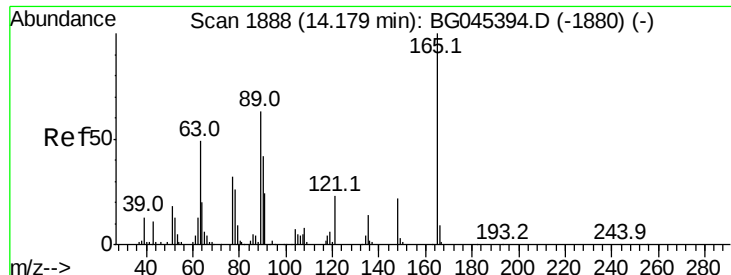


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

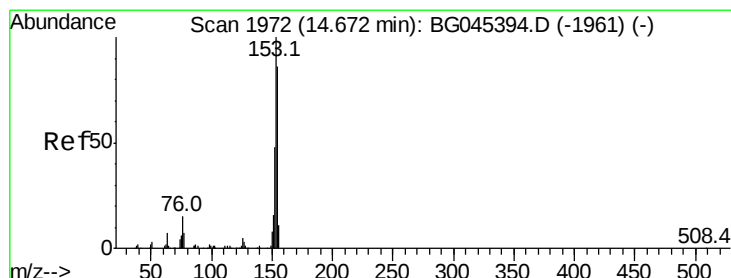
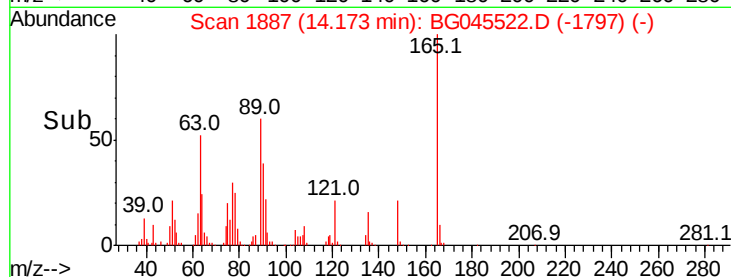
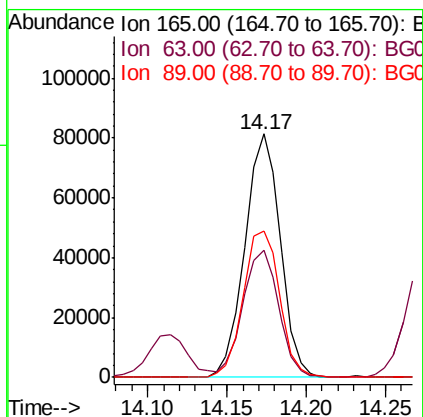
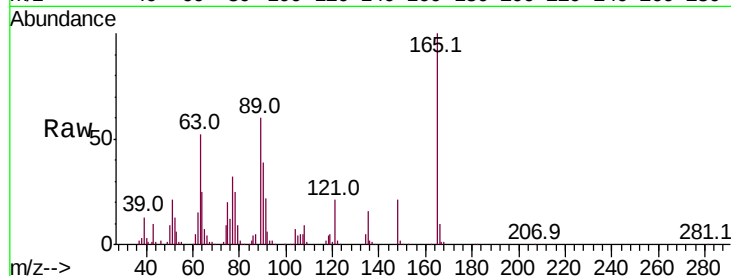




#51
2,6-Dinitrotoluene
Concen: 43.100 ng
RT: 14.17 min Scan# 1887
Delta R.T. -0.00 min
Lab File: BG045522.D
Acq: 29 May 2020 13:58

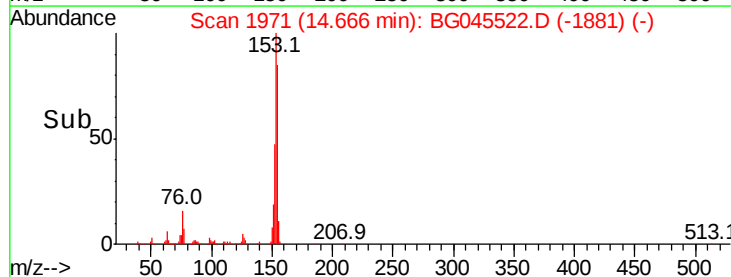
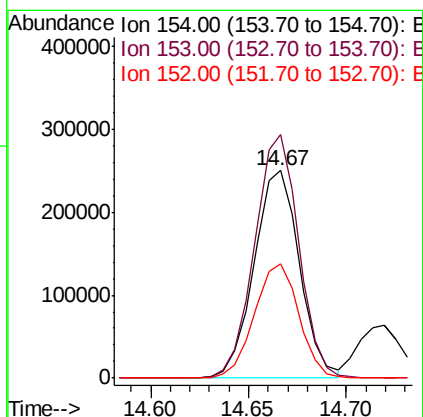
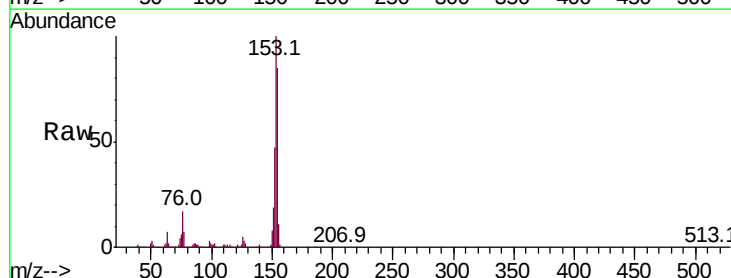
Instrument :
BNA_G
ClientSampleId :
PB129160BS

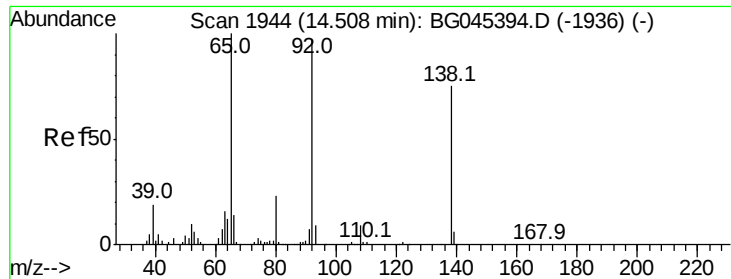
Tot Ion:165 Resp: 126505
Ion Ratio Lower Upper
165 100
63 52.3 45.0 67.4
89 60.2 50.2 75.4



#52
Acenaphthene
Concen: 39.672 ng
RT: 14.67 min Scan# 1971
Delta R.T. -0.00 min
Lab File: BG045522.D
Acq: 29 May 2020 13:58

Tgt Ion:154 Resp: 403567
Ion Ratio Lower Upper
154 100
153 117.4 92.8 139.2
152 55.4 44.6 66.8

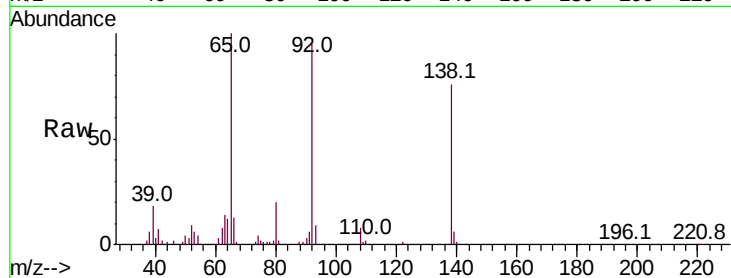




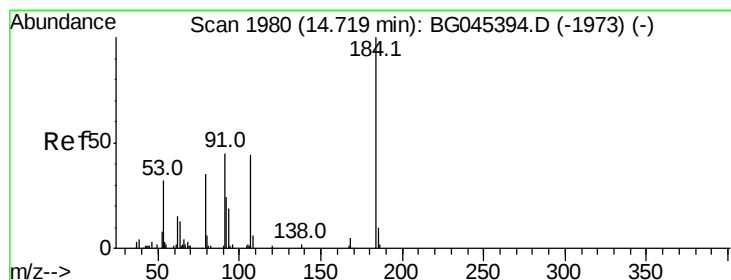
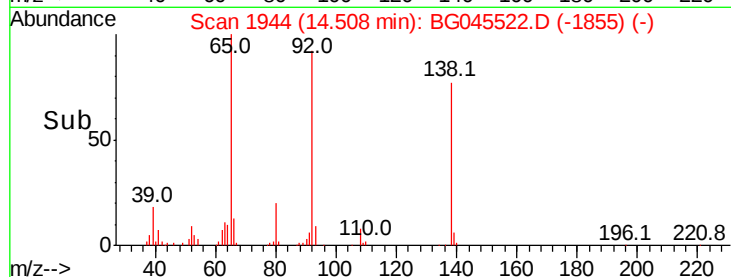
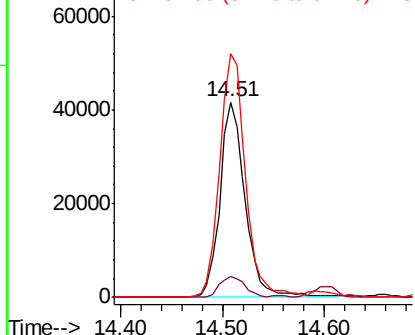
#53
3-Nitroaniline
Concen: 24.029 ng
RT: 14.51 min Scan# 1944
Delta R.T. -0.01 min
Lab File: BG045522.D
Acq: 29 May 2020 13:58

Instrument :
BNA_G
ClientSampleId :
PB129160BS

Tot Ion:138 Resp: 71697
Ion Ratio Lower Upper
138 100
108 10.7 9.8 14.6
92 124.7 103.0 154.4

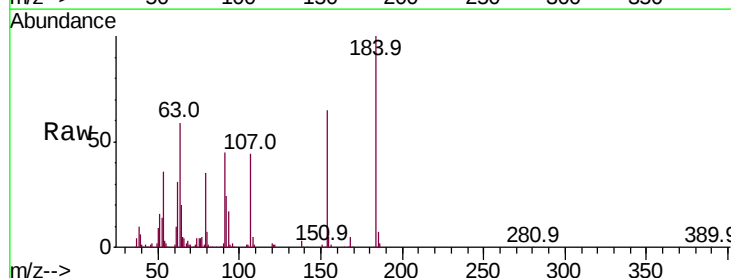


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BGC

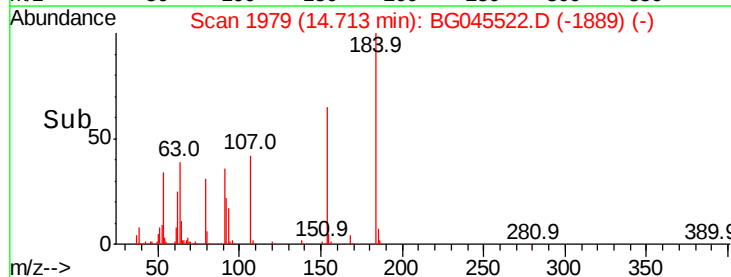
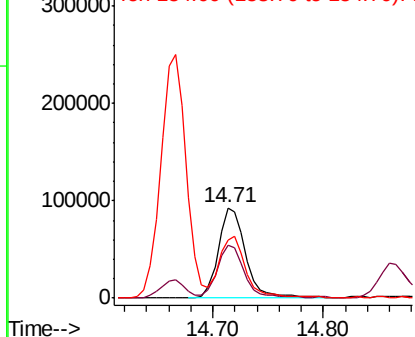


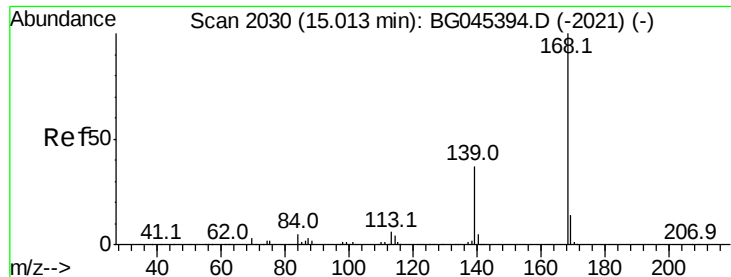
#54
2,4-Dinitrophenol
Concen: 83.332 ng
RT: 14.71 min Scan# 1979
Delta R.T. -0.00 min
Lab File: BG045522.D
Acq: 29 May 2020 13:58

Tgt Ion:184 Resp: 160694
Ion Ratio Lower Upper
184 100
63 58.8 47.8 71.6
154 64.9 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: 43.416 ng

RT: 15.00 min Scan# 2028

Delta R.T. -0.00 min

Lab File: BG045522.D

Acq: 29 May 2020 13:58

Instrument :

BNA_G

ClientSampleId :

PB129160BS

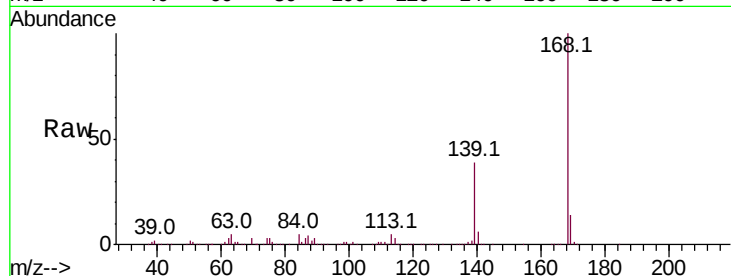
Tot Ion:168 Resp: 655862

Ion Ratio Lower Upper

168 100

139 39.0 29.9 44.9

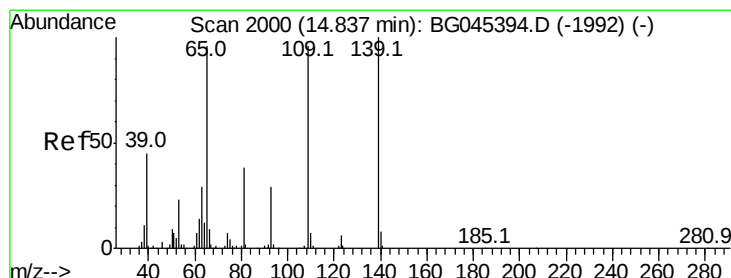
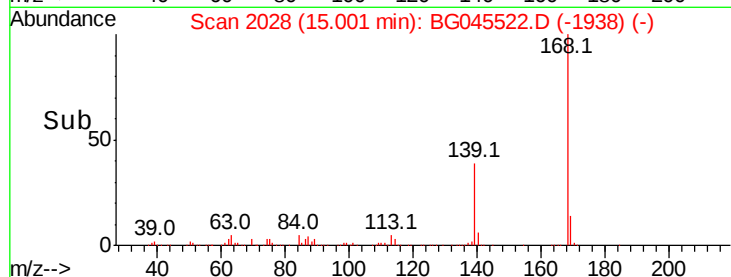
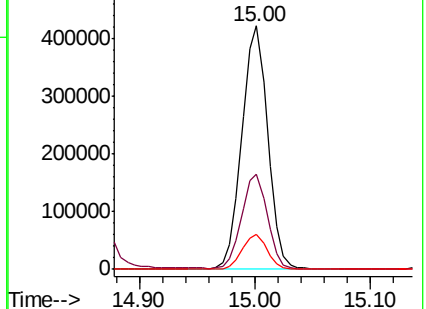
169 14.2 10.9 16.3



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: 87.252 ng

RT: 14.87 min Scan# 2005

Delta R.T. 0.00 min

Lab File: BG045522.D

Acq: 29 May 2020 13:58

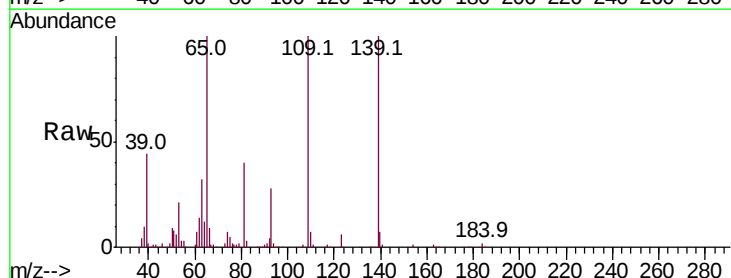
Tgt Ion:139 Resp: 197100

Ion Ratio Lower Upper

139 100

109 99.9 75.6 115.6

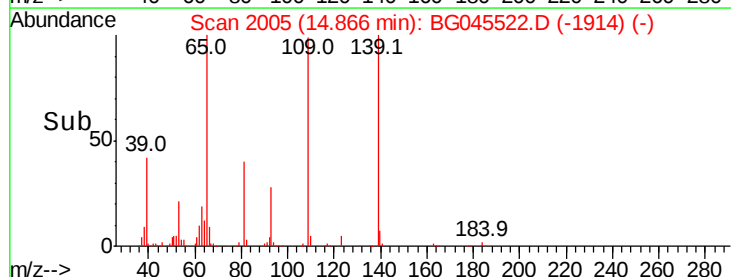
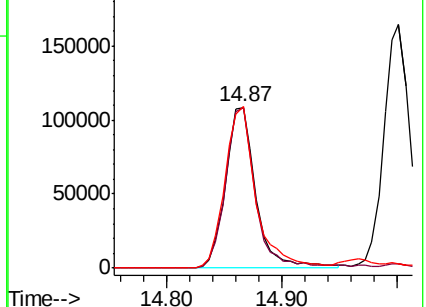
65 100.2 76.8 116.8

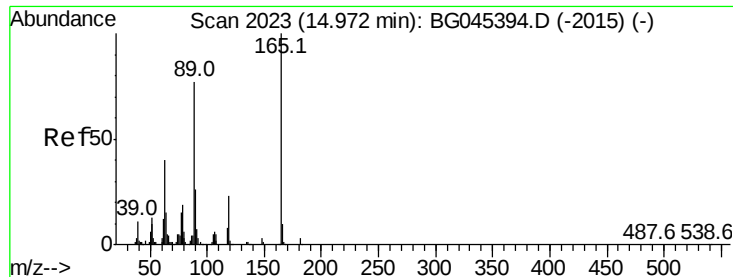


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): E

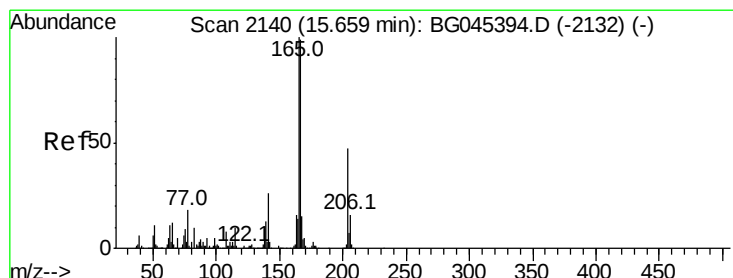
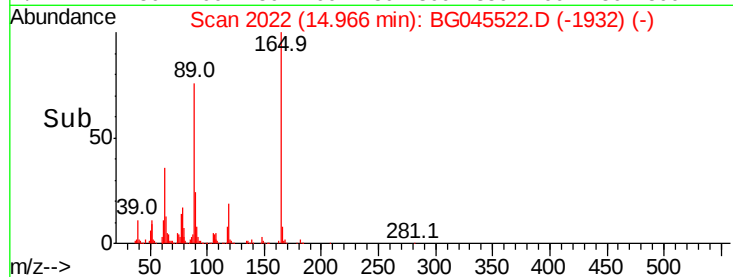
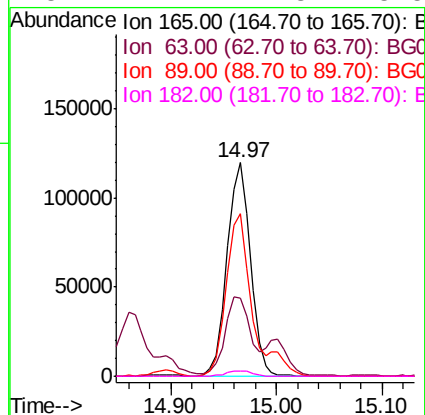
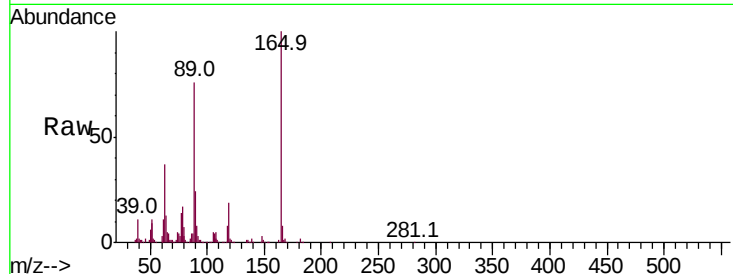




#57
2,4-Dinitrotoluene
Concen: 43.330 ng
RT: 14.97 min Scan# 2022
Delta R.T. -0.00 min
Lab File: BG045522.D
Acq: 29 May 2020 13:58

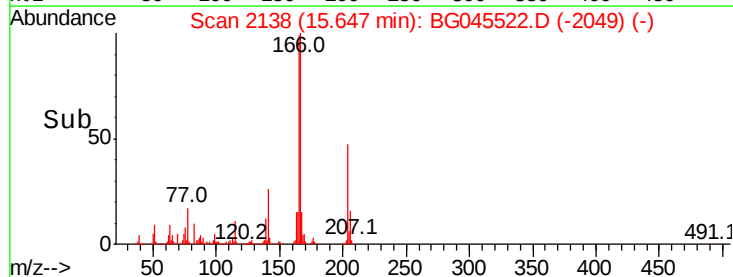
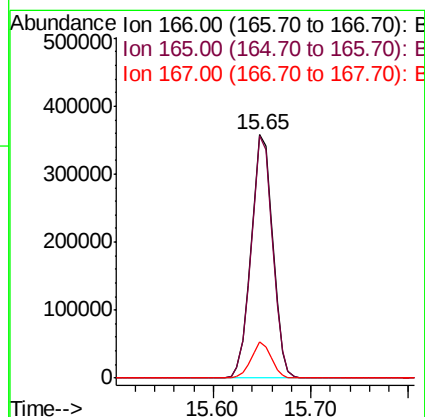
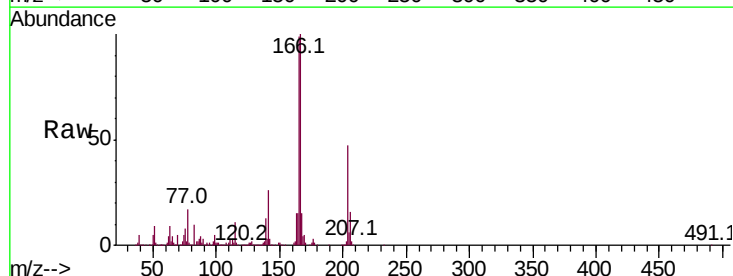
Instrument :
BNA_G
ClientSampleId :
PB129160BS

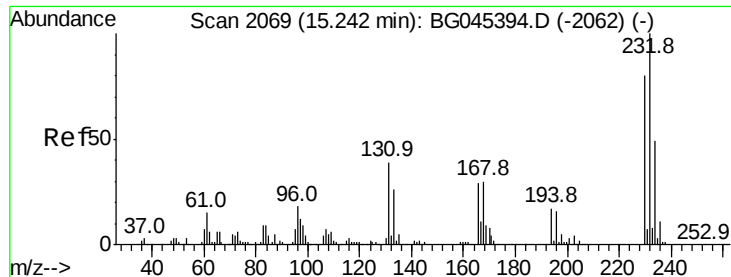
Tot Ion:165	Resp:	184191
Ion Ratio	Lower	Upper
165	100	
63	36.5	32.5 48.7
89	76.0	61.8 92.6
182	2.4	2.3 3.5



#58
Fluorene
Concen: 44.663 ng
RT: 15.65 min Scan# 2138
Delta R.T. -0.01 min
Lab File: BG045522.D
Acq: 29 May 2020 13:58

Tgt Ion:166	Resp:	554301
Ion Ratio	Lower	Upper
166	100	
165	99.3	80.8 121.2
167	14.8	12.0 18.0

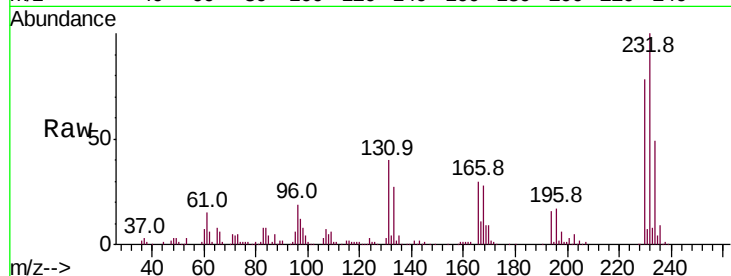




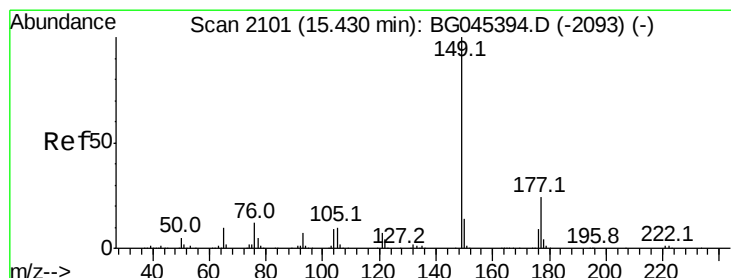
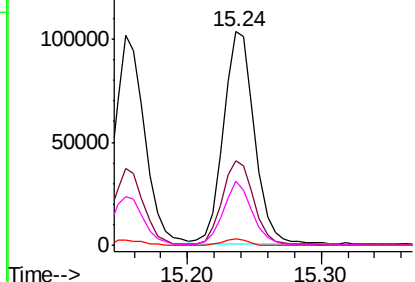
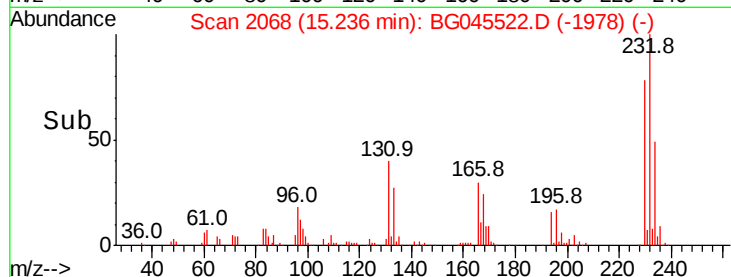
#59
2,3,4,6-Tetrachlorophenol
Concen: 45.545 ng
RT: 15.24 min Scan# 2068
Delta R.T. -0.00 min
Lab File: BG045522.D
Acq: 29 May 2020 13:58

Instrument :
BNA_G
ClientSampleId :
PB129160BS

Tot Ion:232 Resp: 168464
Ion Ratio Lower Upper
232 100
131 40.1 33.7 50.5
130 2.5 2.1 3.1
166 27.7 23.2 34.8

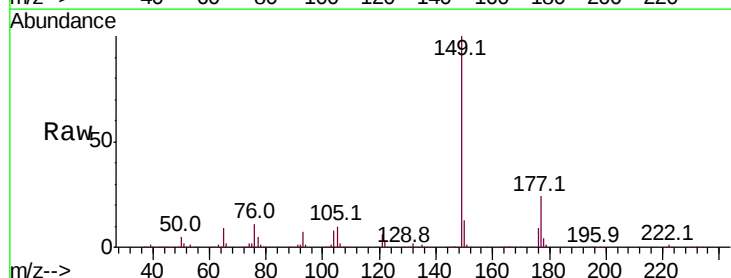


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

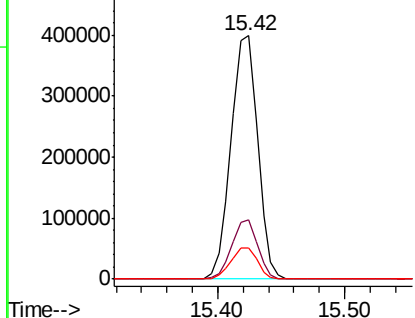
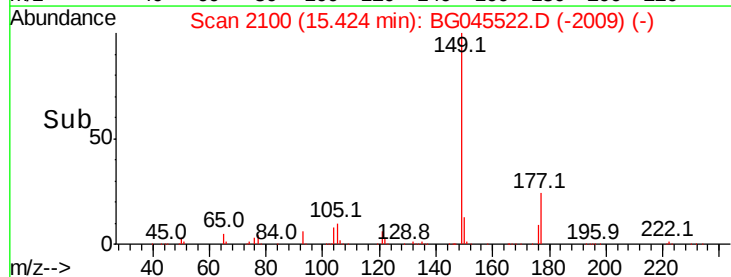


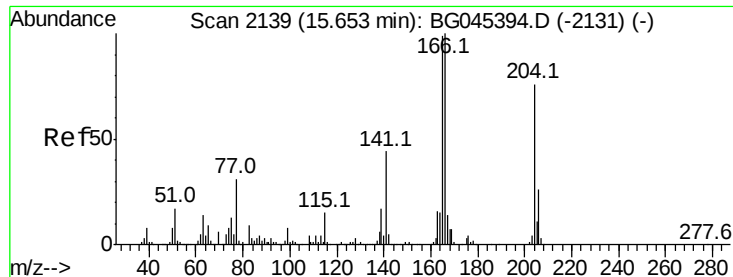
#60
Diethylphthalate
Concen: 42.836 ng
RT: 15.42 min Scan# 2100
Delta R.T. 0.00 min
Lab File: BG045522.D
Acq: 29 May 2020 13:58

Tgt Ion:149 Resp: 579943
Ion Ratio Lower Upper
149 100
177 24.2 19.0 28.4
150 12.8 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

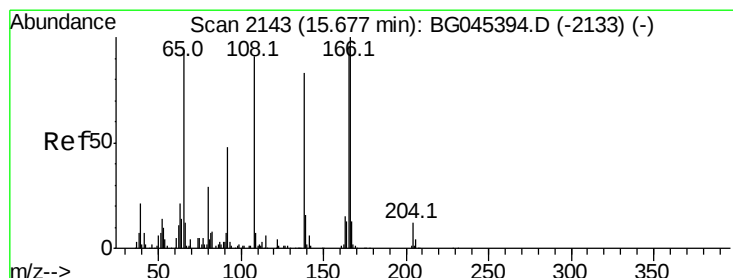
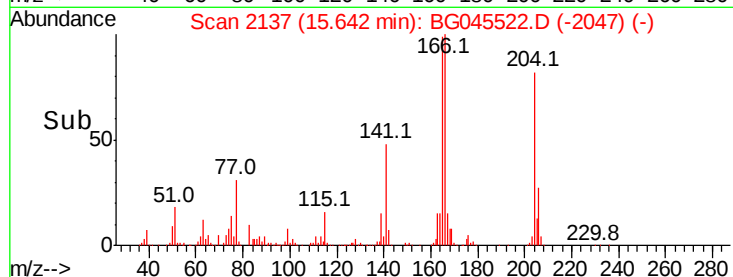
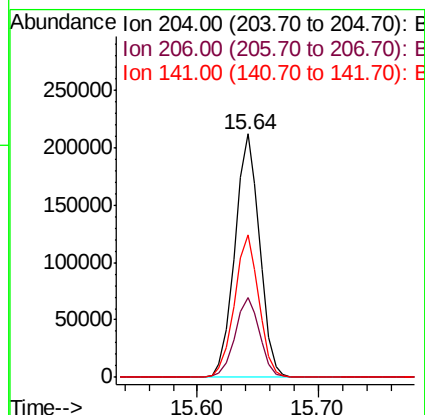
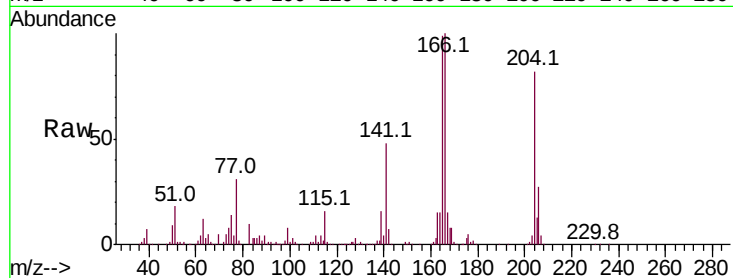




#61
4-Chlorophenyl-phenylether
Concen: 42.533 ng
RT: 15.64 min Scan# 2137
Delta R.T. -0.00 min
Lab File: BG045522.D
Acq: 29 May 2020 13:58

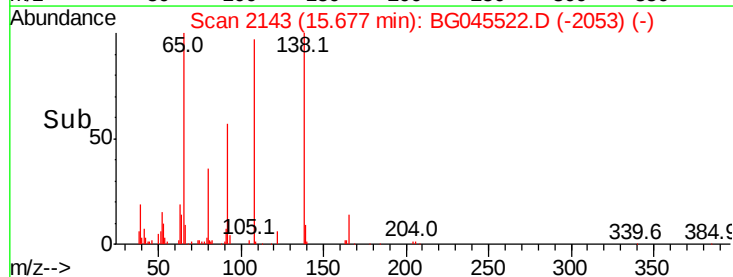
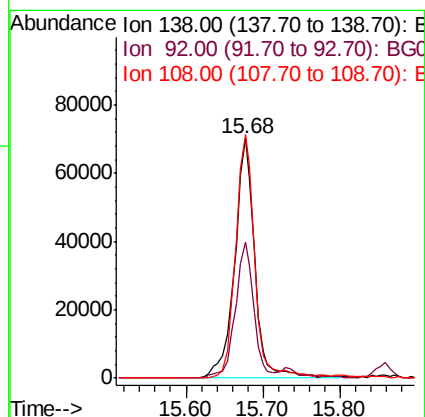
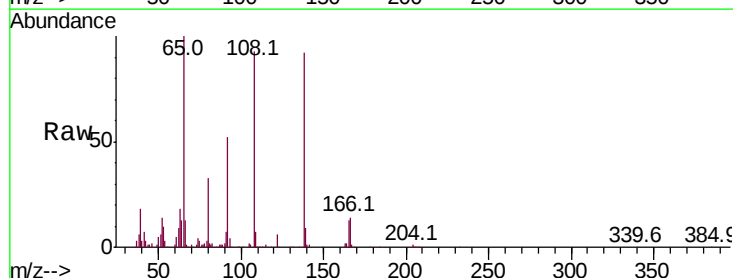
Instrument :
BNA_G
ClientSampleID :
PB129160BS

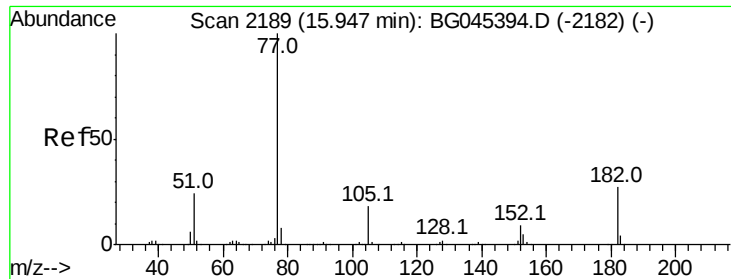
Tot Ion:204 Resp: 302064
Ion Ratio Lower Upper
204 100
206 32.7 27.3 40.9
141 58.4 45.9 68.9



#62
4-Nitroaniline
Concen: 41.337 ng
RT: 15.68 min Scan# 2143
Delta R.T. -0.00 min
Lab File: BG045522.D
Acq: 29 May 2020 13:58

Tgt Ion:138 Resp: 128760
Ion Ratio Lower Upper
138 100
92 57.0 38.0 78.0
108 101.6 89.3 129.3

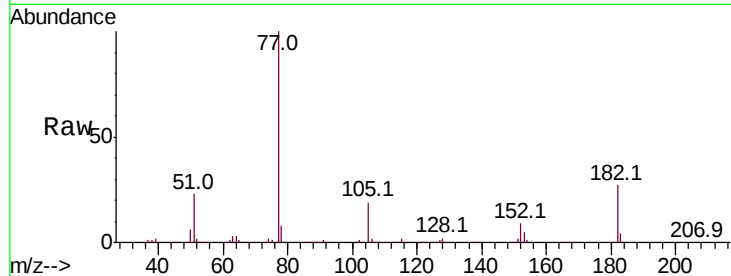




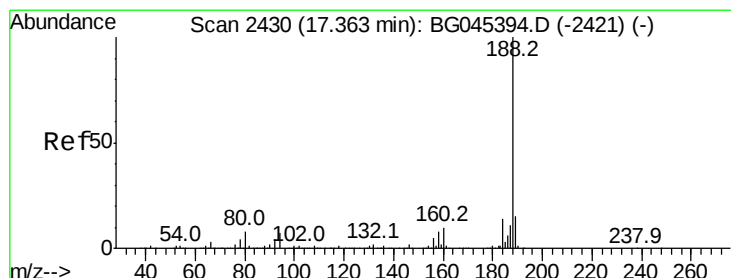
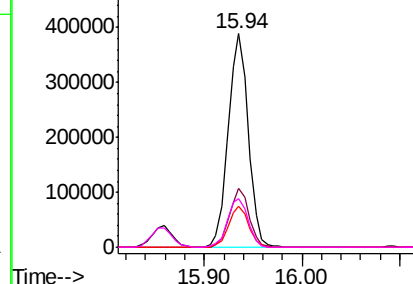
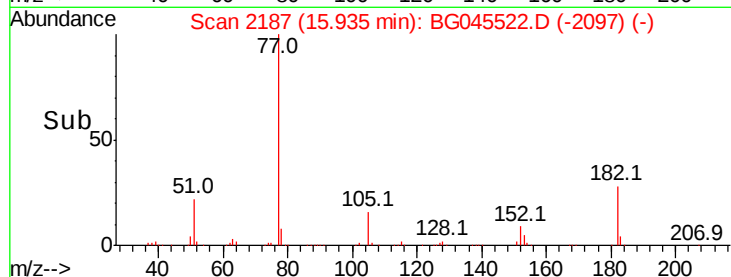
#63
Azobenzene
Concen: 43.660 ng
RT: 15.94 min Scan# 2187
Delta R.T. -0.00 min
Lab File: BG045522.D
Acq: 29 May 2020 13:58

Instrument :
BNA_G
ClientSampleId :
PB129160BS

Tot Ion:	77	Resp:	551175
Ion	Ratio	Lower	Upper
77	100		
182	27.3	6.5	46.5
105	19.3	0.0	37.9
51	22.9	4.1	44.1

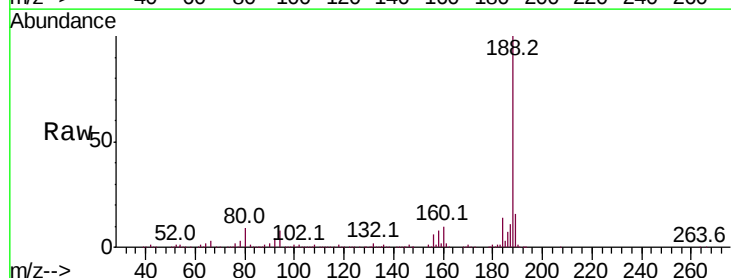


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

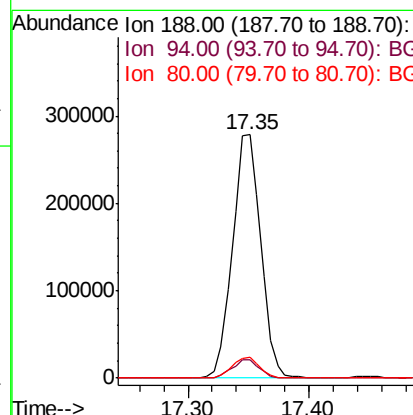
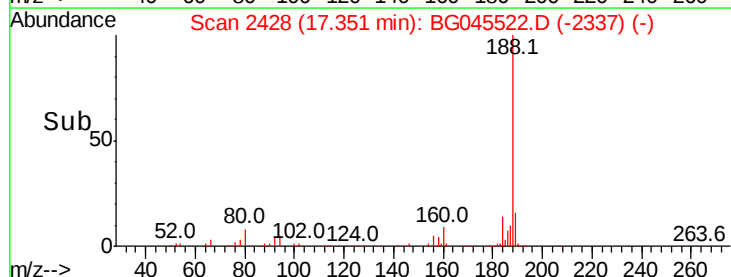


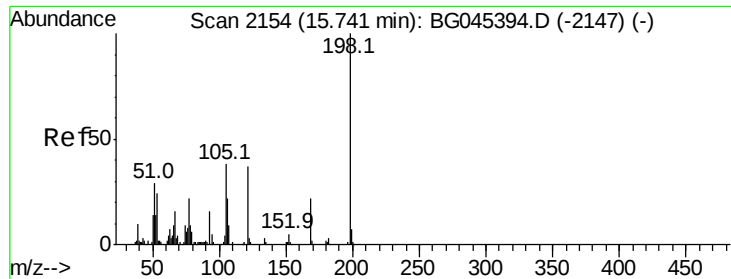
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.35 min Scan# 2428
Delta R.T. 0.00 min
Lab File: BG045522.D
Acq: 29 May 2020 13:58

Tgt Ion:	188	Resp:	454123
Ion	Ratio	Lower	Upper
188	100		
94	7.5	5.5	8.3
80	8.7	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

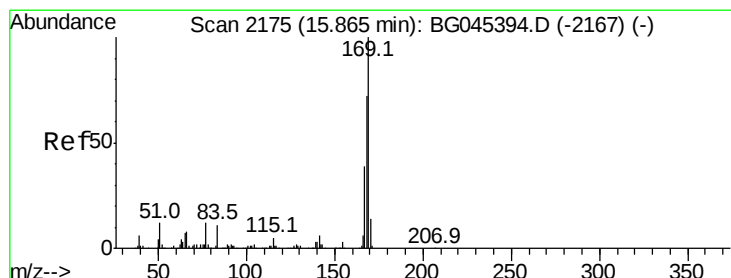
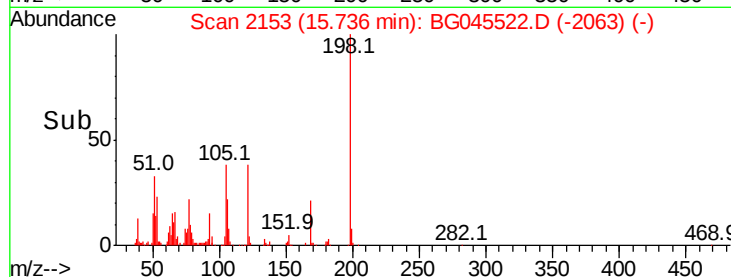
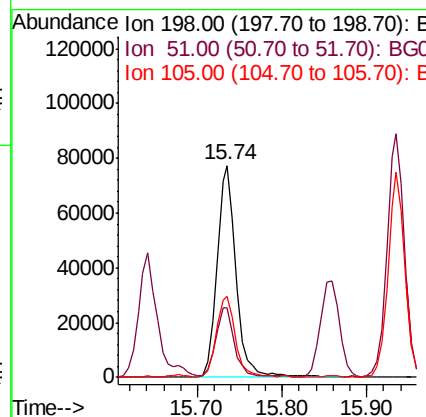
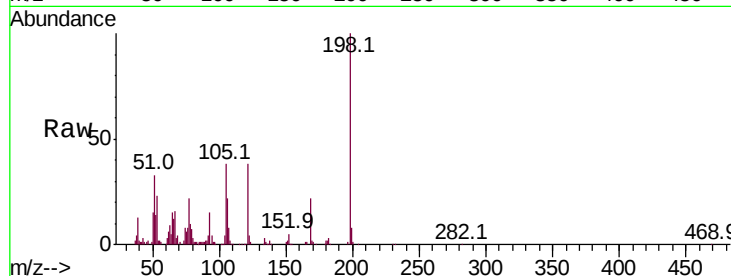




#65
4,6-Dinitro-2-methylphenol
Concen: 46.770 ng
RT: 15.74 min Scan# 2153
Delta R.T. -0.00 min
Lab File: BG045522.D
Acq: 29 May 2020 13:58

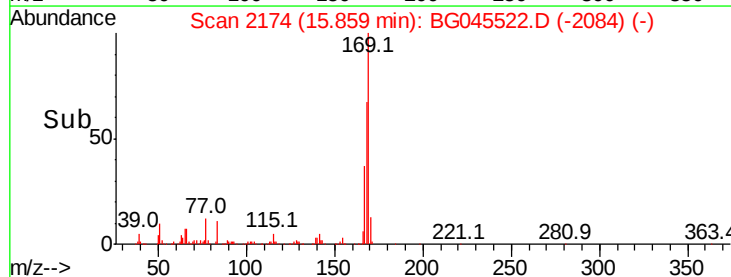
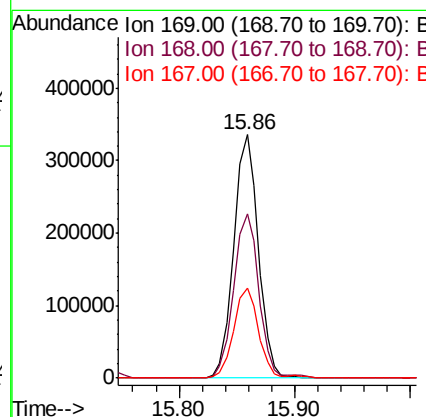
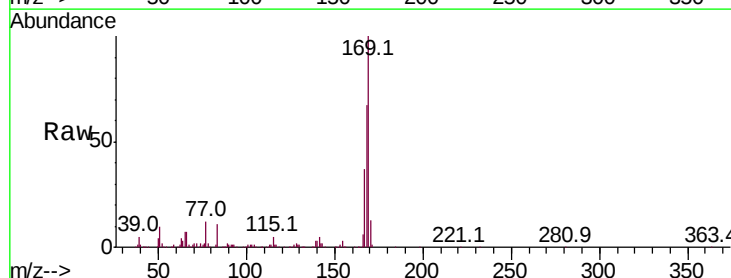
Instrument :
BNA_G
ClientSampleId :
PB129160BS

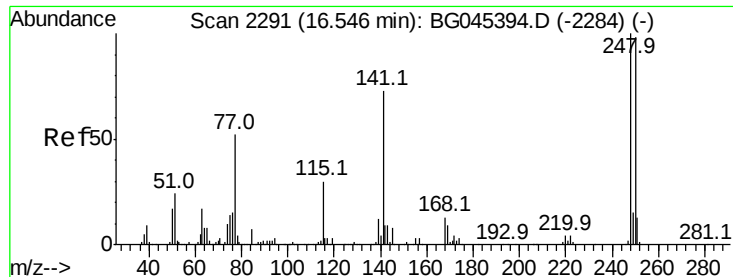
Tot Ion	Ratio	Lower	Upper
198	100		
51	33.1	10.0	50.0
105	38.1	18.9	58.9



#66
n-Nitrosodiphenylamine
Concen: 45.283 ng
RT: 15.86 min Scan# 2174
Delta R.T. -0.00 min
Lab File: BG045522.D
Acq: 29 May 2020 13:58

Tgt Ion	Ratio	Lower	Upper
169	100		
168	67.3	57.8	86.6
167	37.0	31.5	47.3

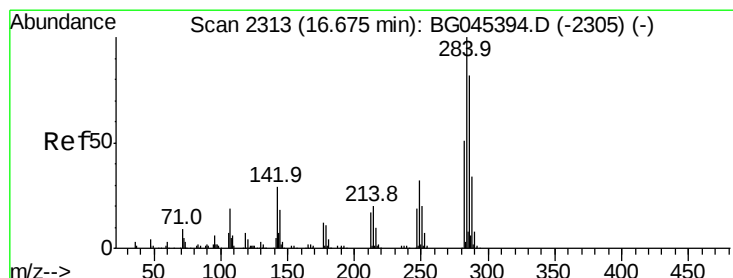
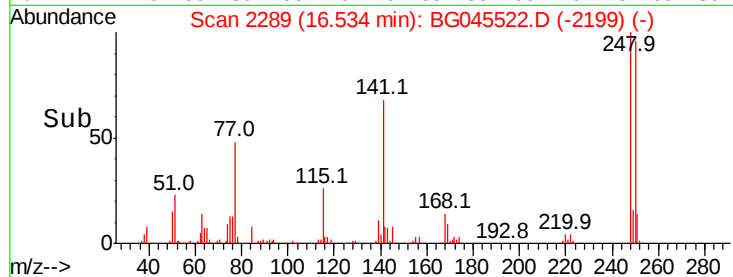
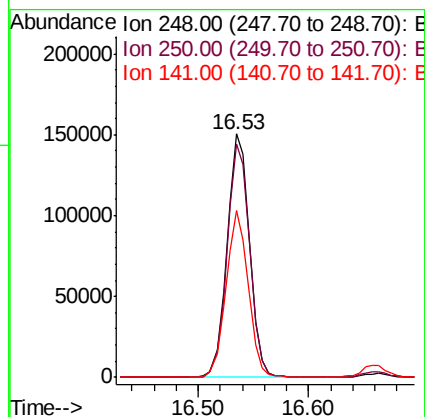
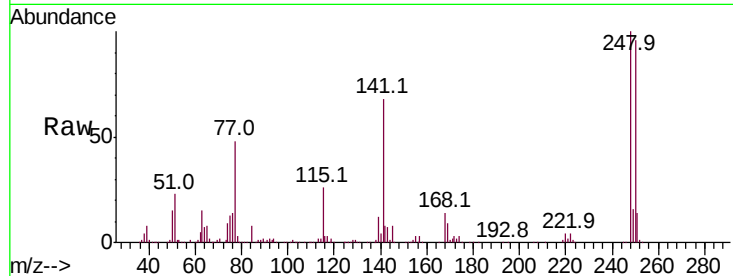




#67
4-Bromophenyl-phenylether
Concen: 43.600 ng
RT: 16.53 min Scan# 2289
Delta R.T. -0.00 min
Lab File: BG045522.D
Acq: 29 May 2020 13:58

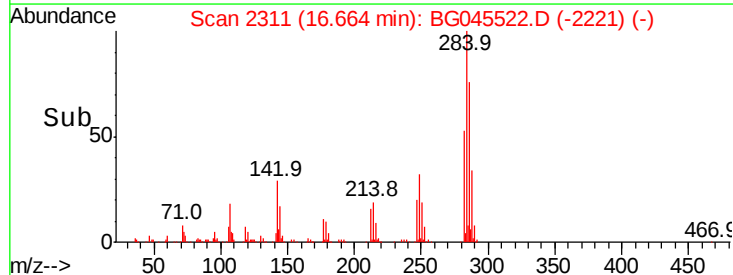
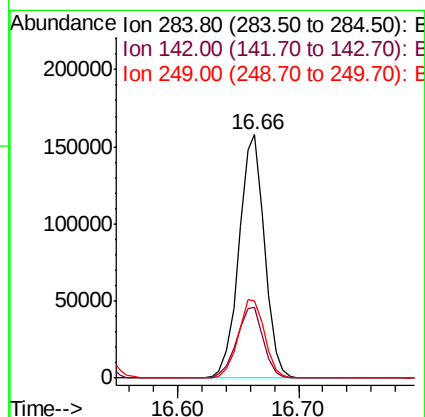
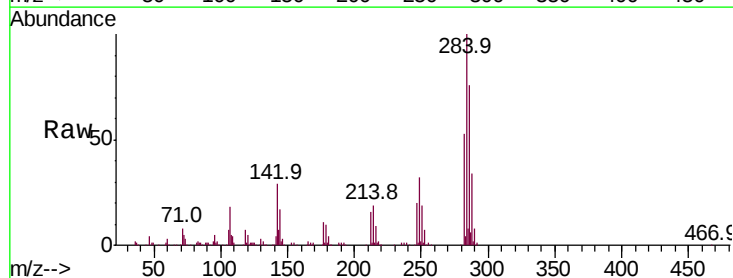
Instrument :
BNA_G
ClientSampleId :
PB129160BS

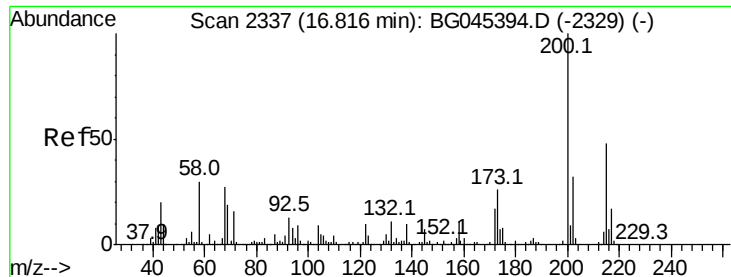
Tot Ion:248 Resp: 214399
Ion Ratio Lower Upper
248 100
250 96.0 78.6 117.8
141 68.3 58.2 87.2



#68
Hexachlorobenzene
Concen: 45.120 ng
RT: 16.66 min Scan# 2311
Delta R.T. -0.00 min
Lab File: BG045522.D
Acq: 29 May 2020 13:58

Tgt Ion:284 Resp: 232062
Ion Ratio Lower Upper
284 100
142 28.9 23.0 34.6
249 31.9 25.8 38.6





#69

Atrazine

Concen: 41.990 ng

RT: 16.81 min Scan# 2336

Delta R.T. -0.00 min

Lab File: BG045522.D

Acq: 29 May 2020 13:58

Instrument :

BNA_G

ClientSampleId :

PB129160BS

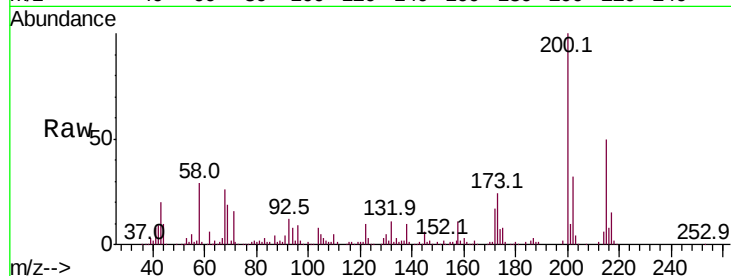
Tot Ion:200 Resp: 188578

Ion Ratio Lower Upper

200 100

173 23.8 5.5 45.5

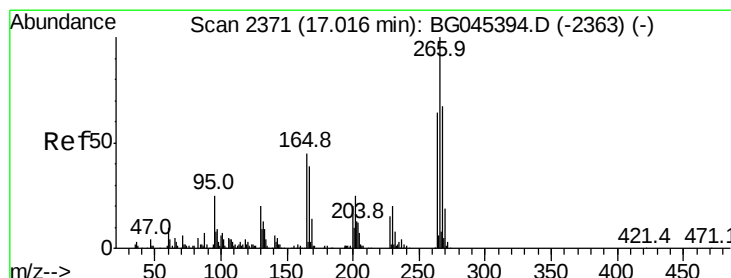
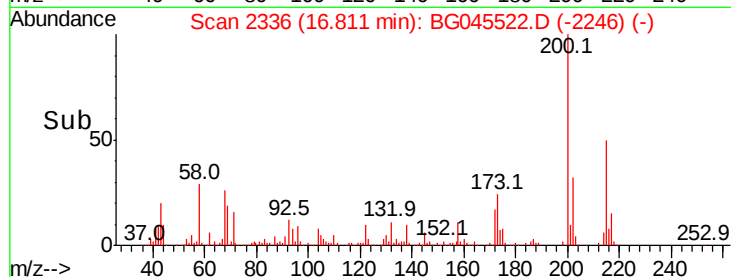
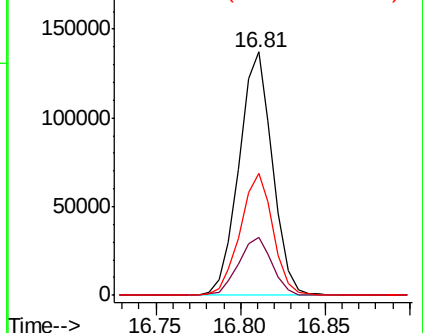
215 49.9 28.2 68.2



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: 93.060 ng

RT: 17.01 min Scan# 2370

Delta R.T. -0.00 min

Lab File: BG045522.D

Acq: 29 May 2020 13:58

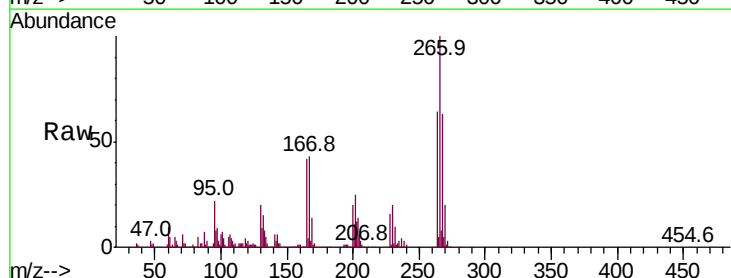
Tgt Ion:266 Resp: 248522

Ion Ratio Lower Upper

266 100

268 63.0 53.2 79.8

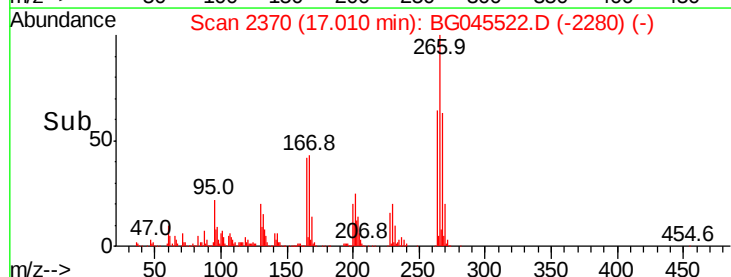
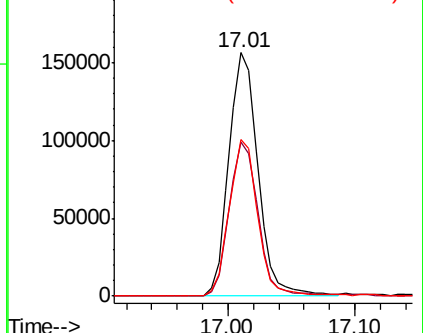
264 64.3 51.0 76.4

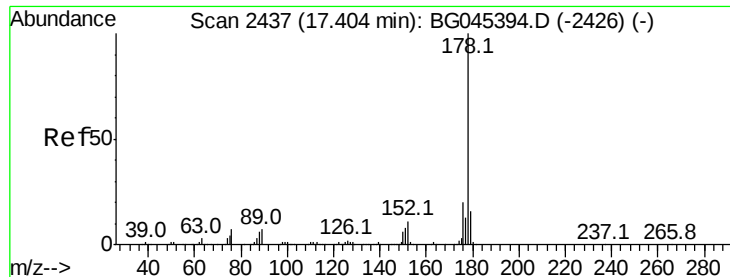


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 44.948 ng

RT: 17.39 min Scan# 2435

Delta R.T. -0.00 min

Lab File: BG045522.D

Acq: 29 May 2020 13:58

Instrument :

BNA_G

ClientSampleId :

PB129160BS

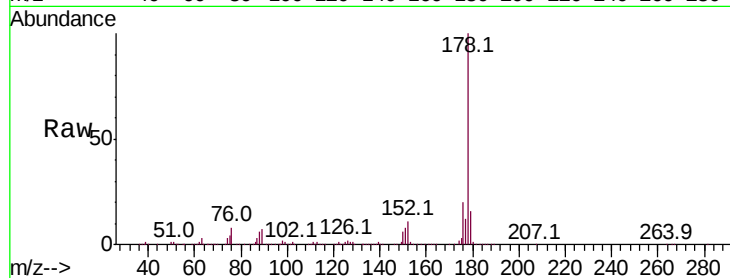
Tot Ion:178 Resp: 891094

Ion Ratio Lower Upper

178 100

176 20.3 16.2 24.4

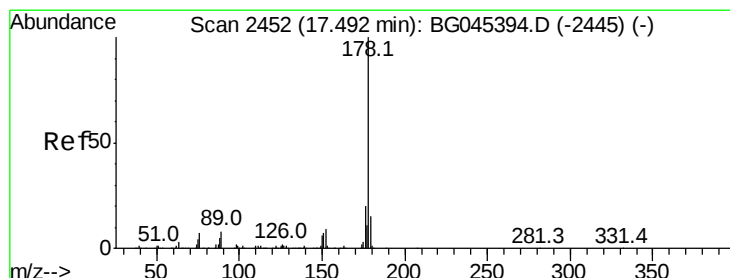
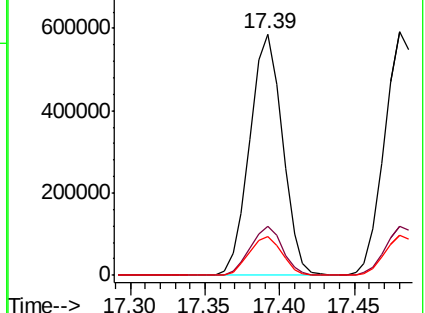
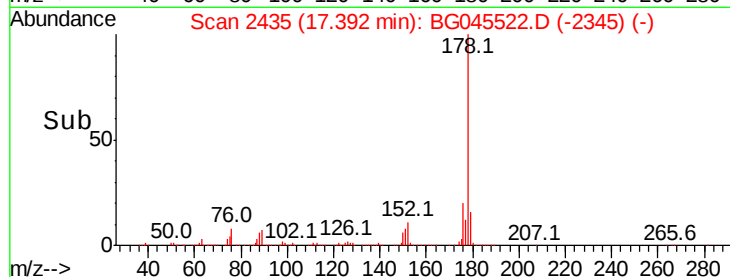
179 16.1 13.1 19.7



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 46.498 ng

RT: 17.48 min Scan# 2450

Delta R.T. -0.00 min

Lab File: BG045522.D

Acq: 29 May 2020 13:58

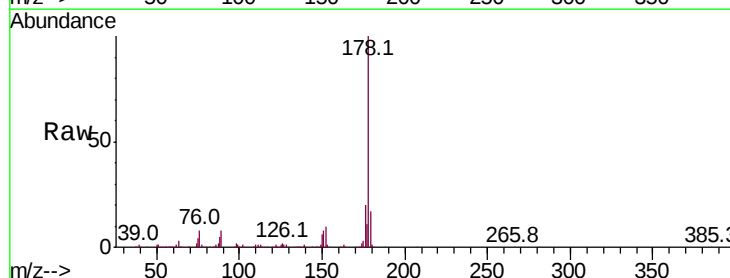
Tgt Ion:178 Resp: 925718

Ion Ratio Lower Upper

178 100

176 20.1 15.8 23.6

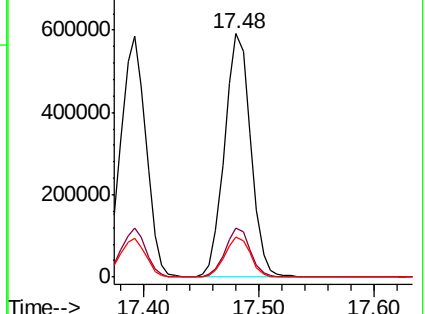
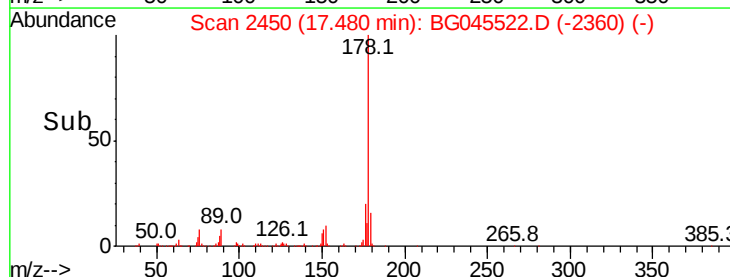
179 16.5 12.2 18.4

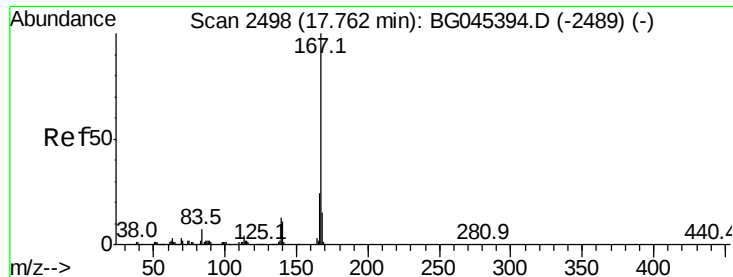


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 43.536 ng

RT: 17.76 min Scan# 2497

Delta R.T. -0.00 min

Lab File: BG045522.D

Acq: 29 May 2020 13:58

Instrument :

BNA_G

ClientSampleId :

PB129160BS

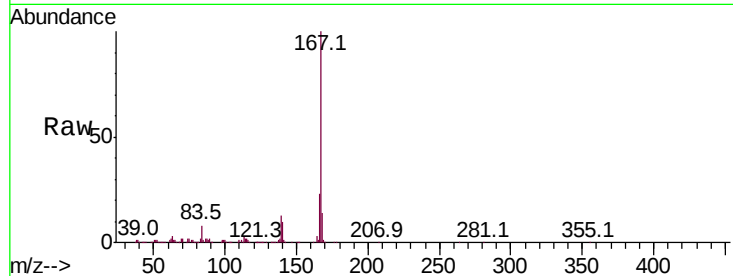
Tot Ion:167 Resp: 844883

Ion Ratio Lower Upper

167 100

166 23.4 19.2 28.8

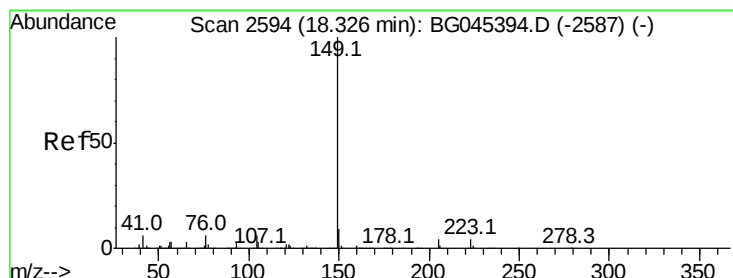
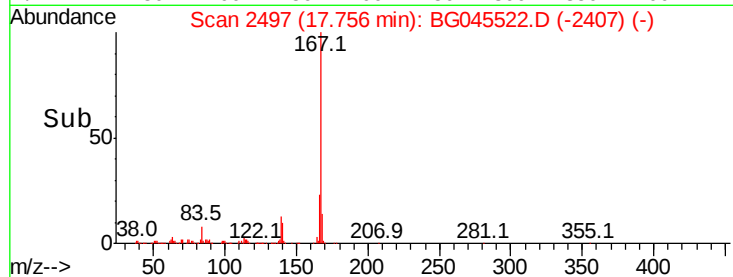
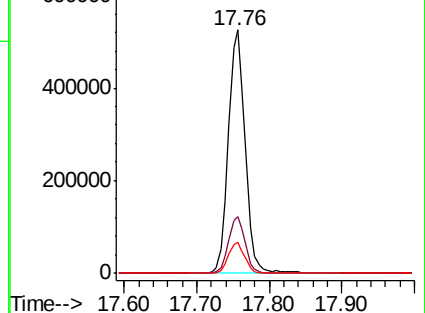
139 12.7 10.6 16.0



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: 42.574 ng

RT: 18.31 min Scan# 2592

Delta R.T. -0.00 min

Lab File: BG045522.D

Acq: 29 May 2020 13:58

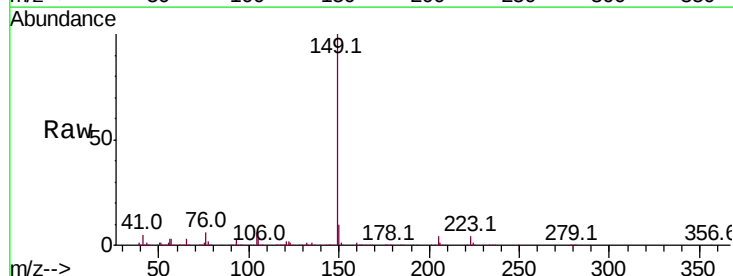
Tgt Ion:149 Resp: 991653

Ion Ratio Lower Upper

149 100

150 10.2 7.6 11.4

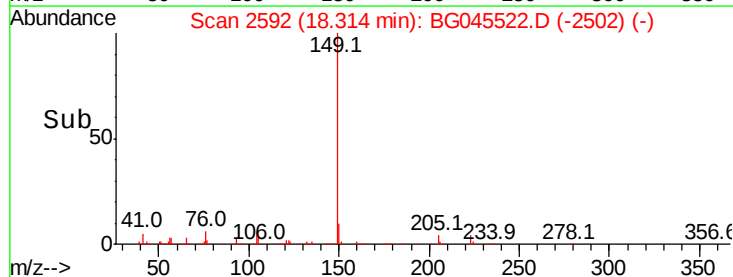
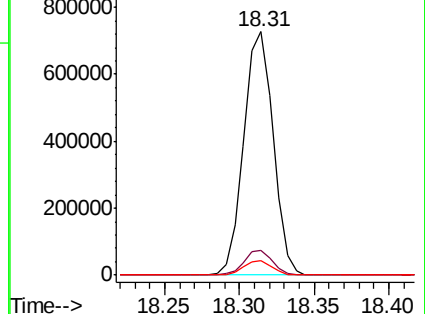
104 6.2 5.0 7.4

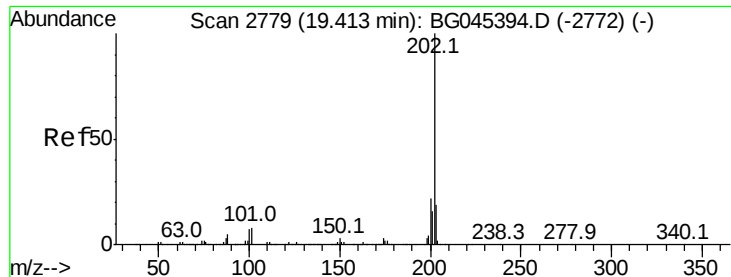


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 44.086 ng

RT: 19.40 min Scan# 2777

Delta R.T. -0.00 min

Lab File: BG045522.D

Acq: 29 May 2020 13:58

Instrument :

BNA_G

ClientSampleId :

PB129160BS

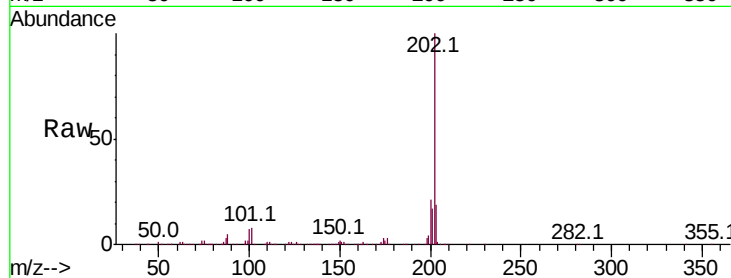
Tot Ion:202 Resp: 1111687

Ion	Ratio	Lower	Upper
202	100		
101	8.1	0.0	28.3
203	19.0	0.0	39.0

202 100

101 8.1 0.0 28.3

203 19.0 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

19.40

800000

600000

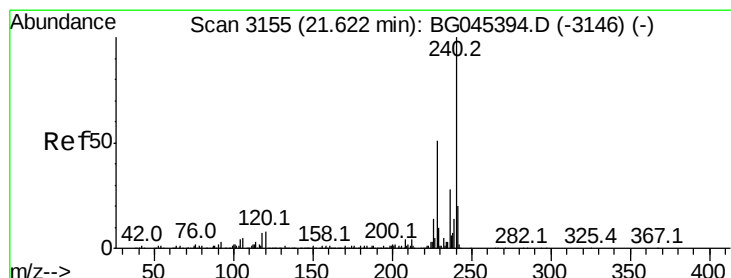
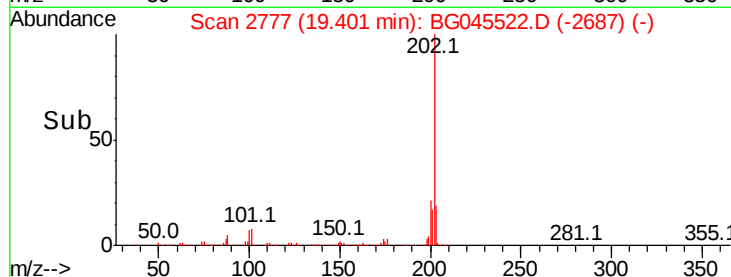
400000

200000

0

19.30 19.40 19.50

Time-->



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.61 min Scan# 3153

Delta R.T. -0.00 min

Lab File: BG045522.D

Acq: 29 May 2020 13:58

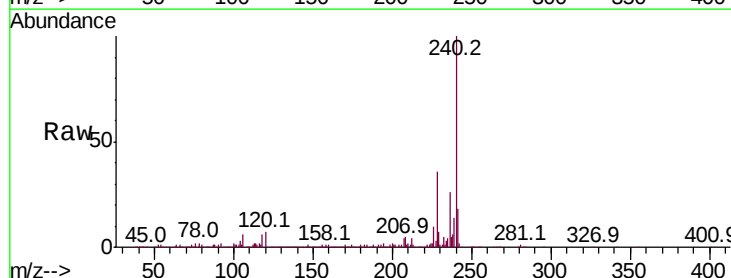
Tgt Ion:240 Resp: 424031

Ion	Ratio	Lower	Upper
240	100		
120	7.0	6.1	9.1
236	25.8	22.3	33.5

240 100

120 7.0 6.1 9.1

236 25.8 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

21.61

300000

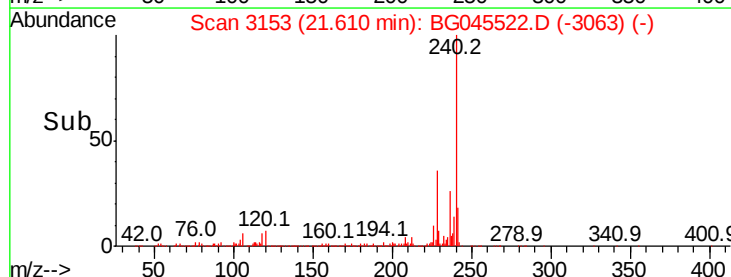
200000

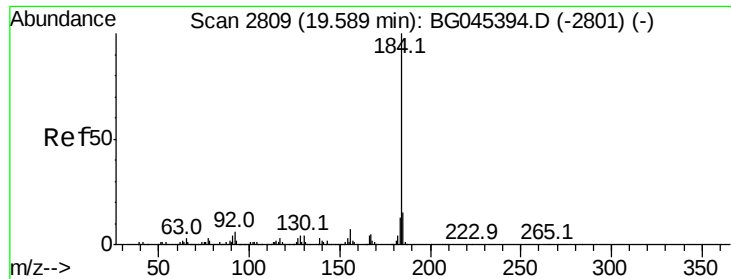
100000

0

21.50 21.60 21.70

Time-->





#77

Benzidine

Concen: 44.162 ng

RT: 19.58 min Scan# 2808

Delta R.T. -0.00 min

Lab File: BG045522.D

Acq: 29 May 2020 13:58

Instrument :

BNA_G

ClientSampleId :

PB129160BS

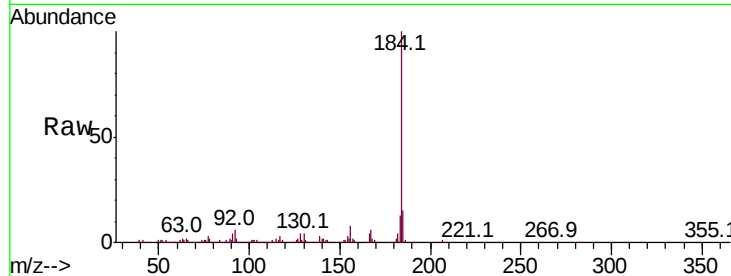
Tot Ion:184 Resp: 525932

Ion Ratio Lower Upper

184 100

185 14.7 11.7 17.5

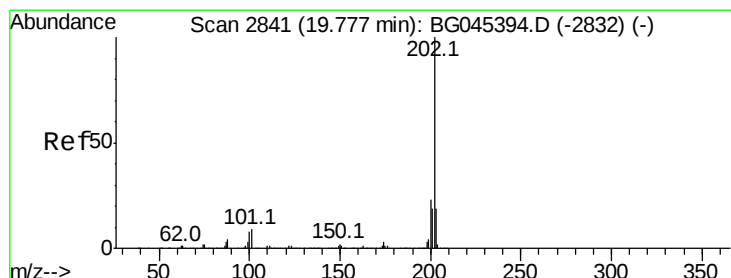
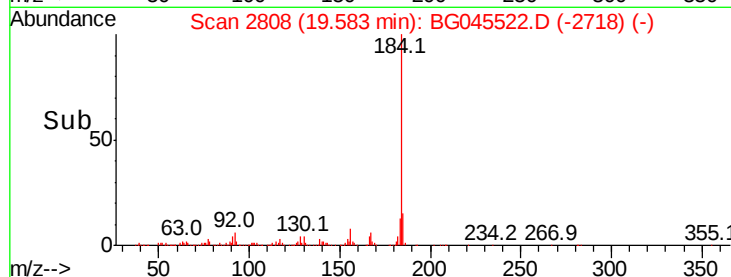
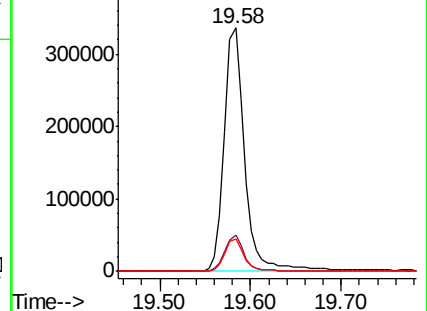
183 13.2 10.2 15.4



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: 45.607 ng

RT: 19.76 min Scan# 2838

Delta R.T. -0.00 min

Lab File: BG045522.D

Acq: 29 May 2020 13:58

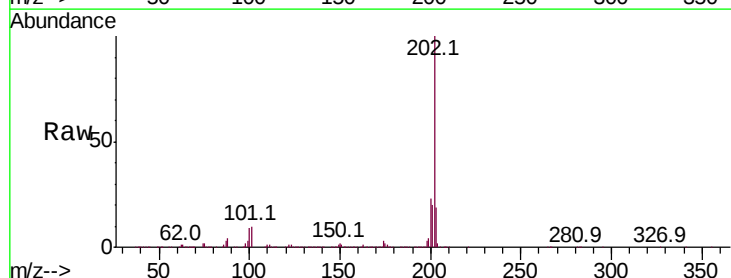
Tgt Ion:202 Resp: 1102401

Ion Ratio Lower Upper

202 100

200 23.0 18.2 27.2

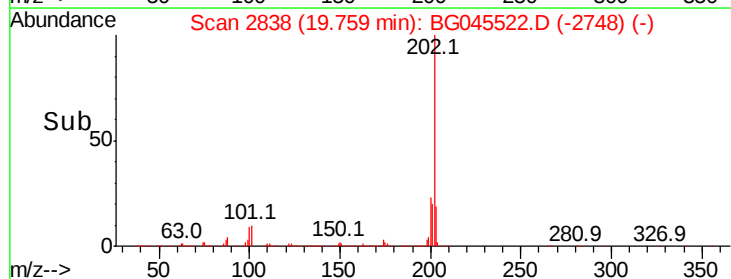
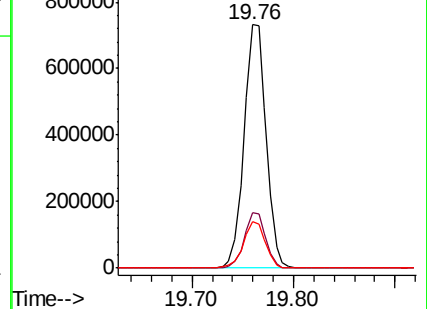
203 19.2 15.1 22.7

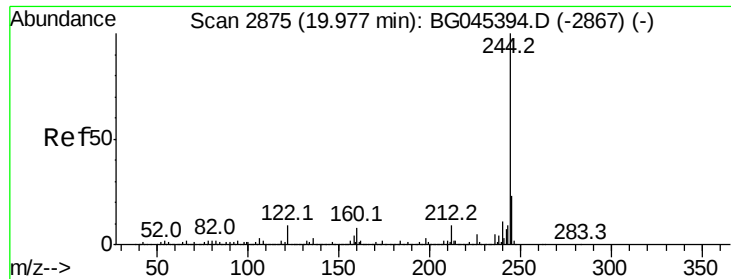


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 90.096 ng

RT: 19.96 min Scan# 2872

Delta R.T. -0.00 min

Lab File: BG045522.D

Acq: 29 May 2020 13:58

Instrument :

BNA_G

ClientSampleId :

PB129160BS

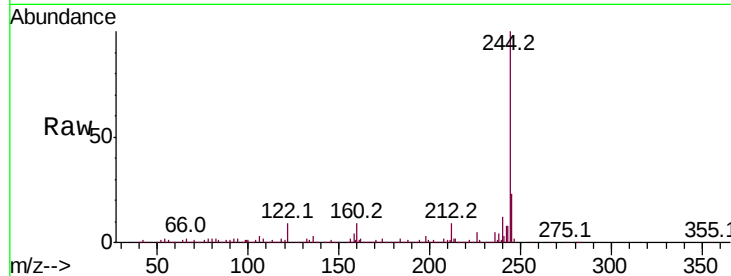
Tot Ion:244 Resp: 1638028

Ion Ratio Lower Upper

244 100

212 8.7 7.4 11.0

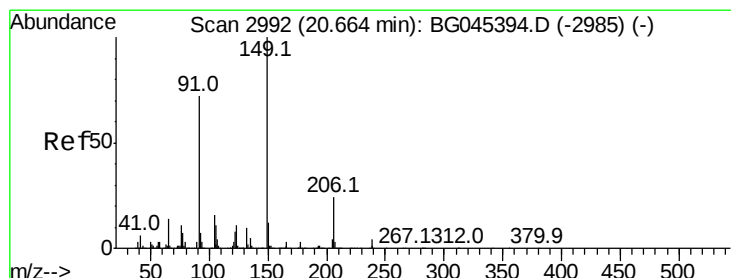
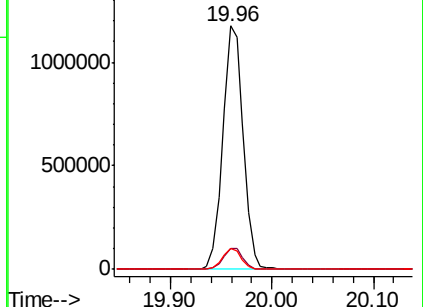
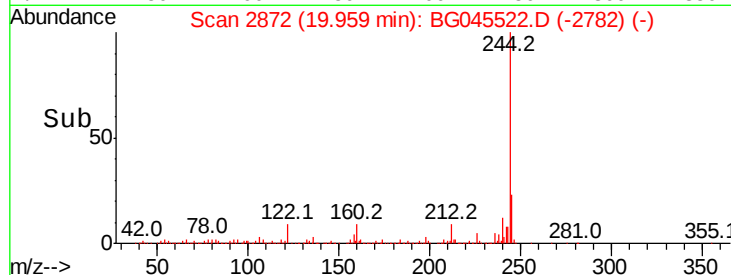
122 8.7 6.8 10.2



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: 43.246 ng

RT: 20.65 min Scan# 2990

Delta R.T. -0.00 min

Lab File: BG045522.D

Acq: 29 May 2020 13:58

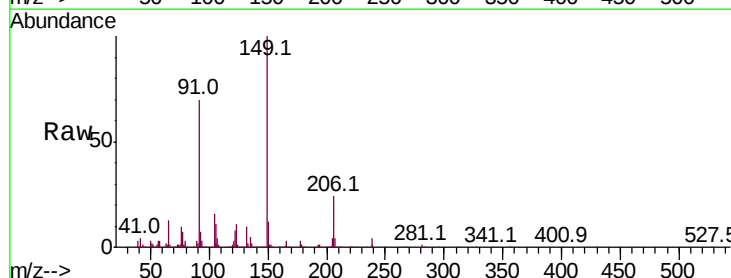
Tgt Ion:149 Resp: 451195

Ion Ratio Lower Upper

149 100

91 70.2 57.8 86.6

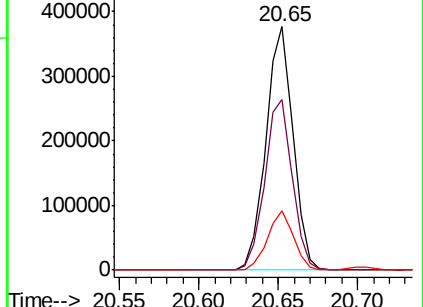
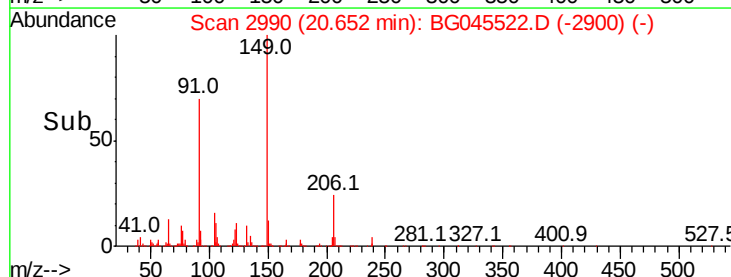
206 24.2 19.1 28.7

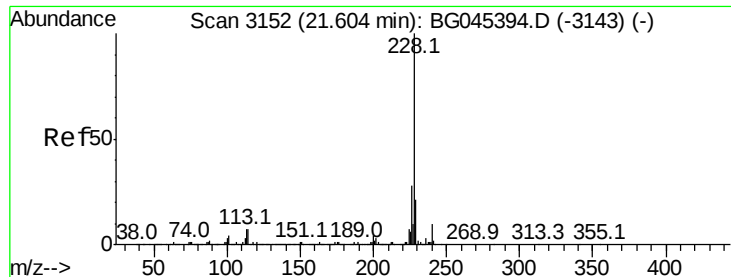


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 44.843 ng

RT: 21.59 min Scan# 3150

Delta R.T. 0.00 min

Lab File: BG045522.D

Acq: 29 May 2020 13:58

Instrument :

BNA_G

ClientSampleId :

PB129160BS

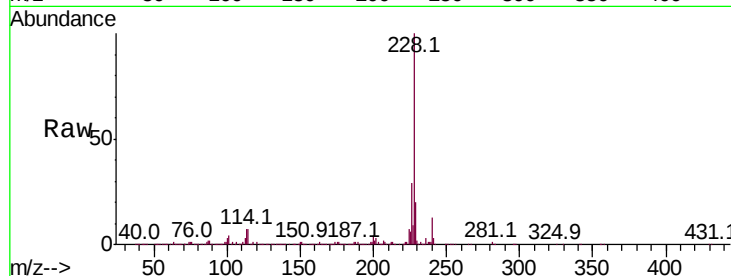
Tot Ion:228 Resp: 1059244

Ion	Ratio	Lower	Upper
228	100		
226	28.7	22.7	34.1
229	20.2	16.7	25.1

228 100

226 28.7 22.7 34.1

229 20.2 16.7 25.1

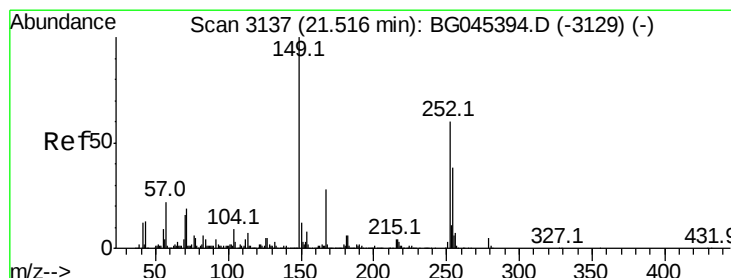
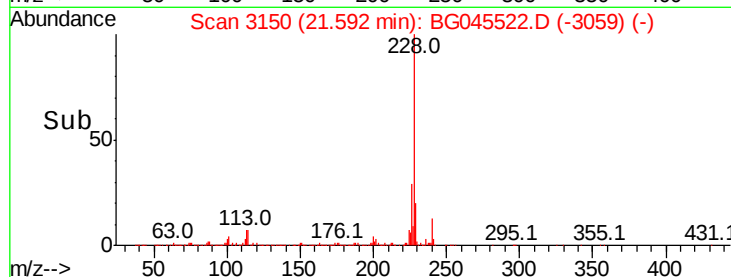
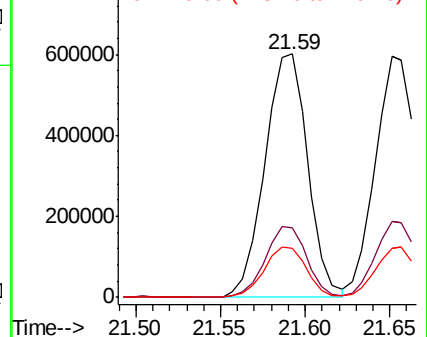


Abundance

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



#82

3,3'-Dichlorobenzidine

Concen: 27.669 ng

RT: 21.50 min Scan# 3135

Delta R.T. -0.00 min

Lab File: BG045522.D

Acq: 29 May 2020 13:58

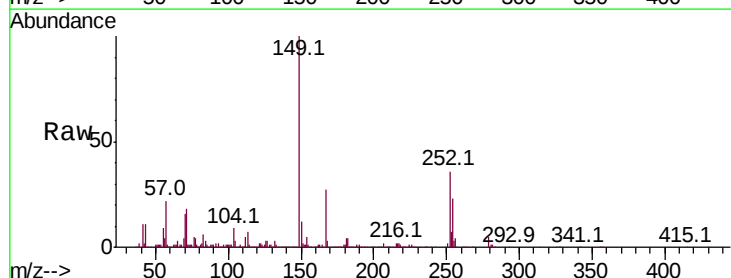
Tgt Ion:252 Resp: 256379

Ion	Ratio	Lower	Upper
252	100		
254	64.1	51.3	76.9
126	7.3	6.6	10.0

252 100

254 64.1 51.3 76.9

126 7.3 6.6 10.0

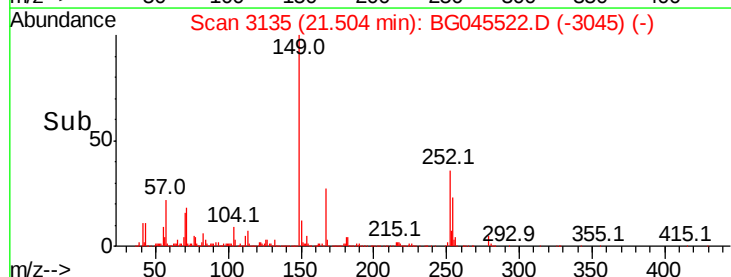
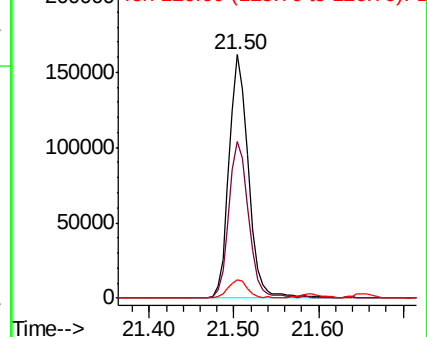


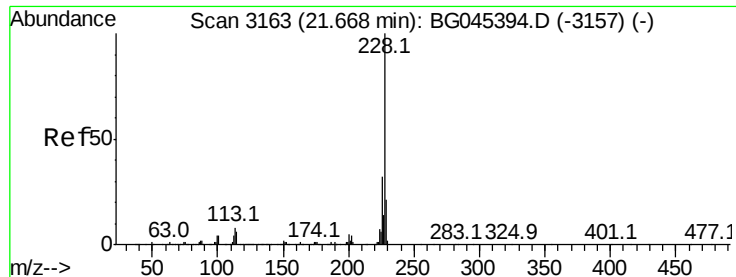
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 44.547 ng

RT: 21.65 min Scan# 3160

Delta R.T. -0.00 min

Lab File: BG045522.D

Acq: 29 May 2020 13:58

Instrument :

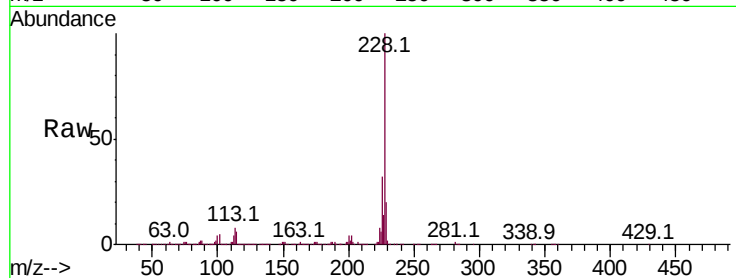
BNA_G

ClientSampleId :

PB129160BS

Tot Ion:228 Resp: 1011790

Ion	Ratio	Lower	Upper
228	100		
226	31.6	25.2	37.8
229	20.1	16.7	25.1

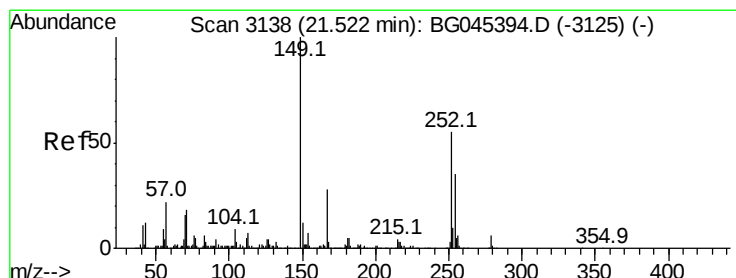
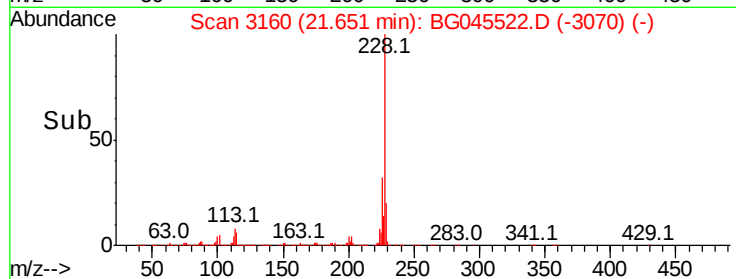
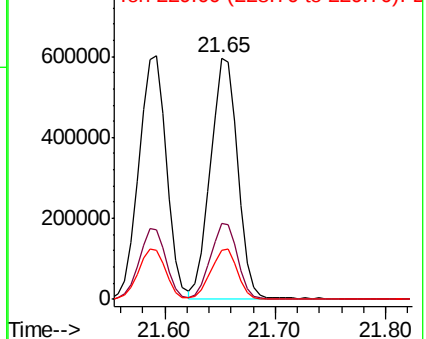


Abundance

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: 43.981 ng

RT: 21.50 min Scan# 3135

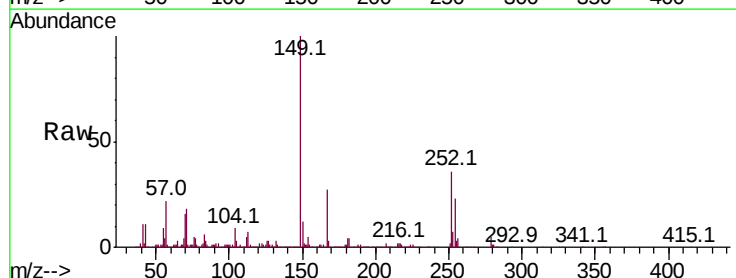
Delta R.T. -0.00 min

Lab File: BG045522.D

Acq: 29 May 2020 13:58

Tgt Ion:149 Resp: 630770

Ion	Ratio	Lower	Upper
149	100		
167	27.2	22.2	33.2
279	5.5	4.7	7.1

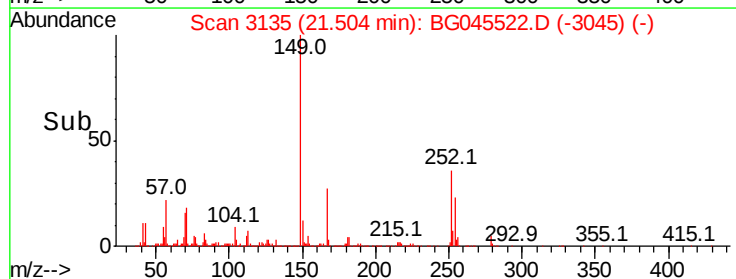
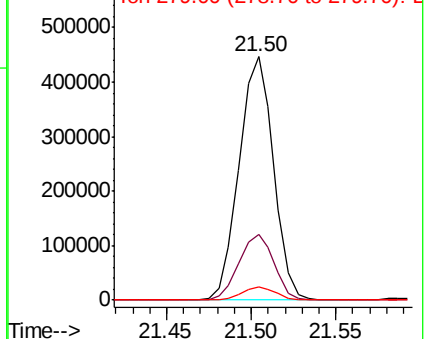


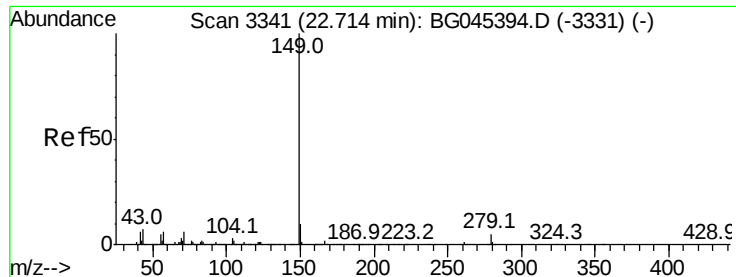
Abundance

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: 43.229 ng

RT: 22.69 min Scan# 3337

Delta R.T. -0.00 min

Lab File: BG045522.D

Acq: 29 May 2020 13:58

Instrument :

BNA_G

ClientSampleId :

PB129160BS

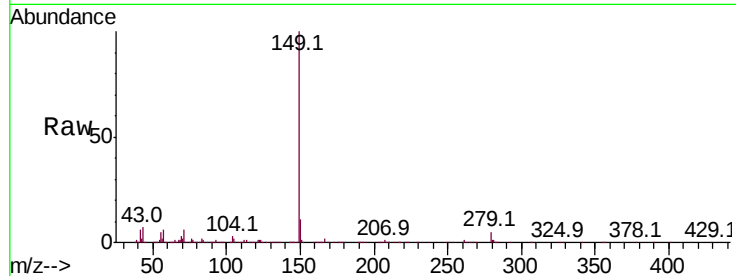
Tot Ion:149 Resp: 1064840

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

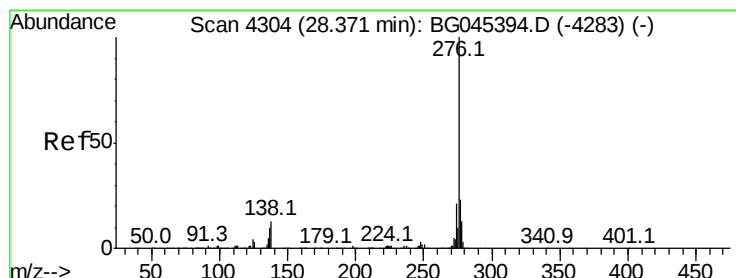
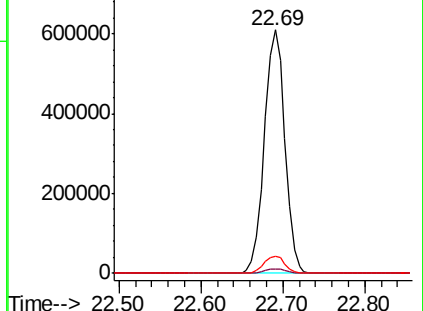
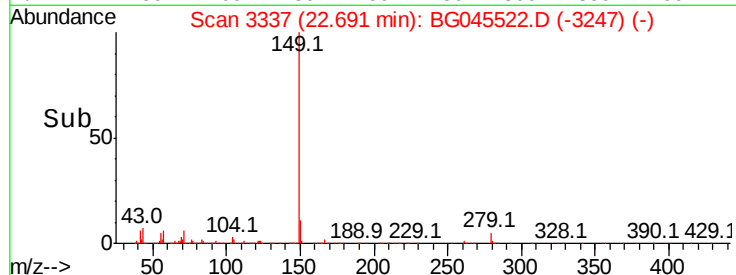
43 7.2 5.8 8.8



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: 44.526 ng

RT: 28.33 min Scan# 4297

Delta R.T. -0.01 min

Lab File: BG045522.D

Acq: 29 May 2020 13:58

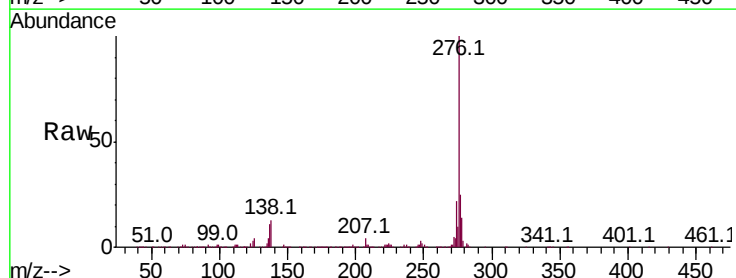
Tgt Ion:276 Resp: 1322455

Ion Ratio Lower Upper

276 100

138 15.4 8.6 12.8#

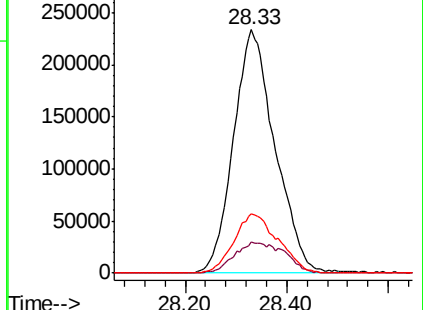
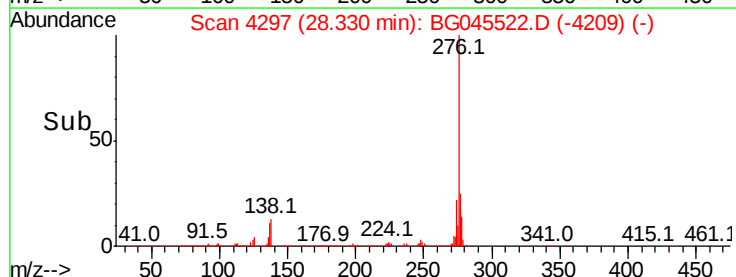
277 25.7 20.2 30.4

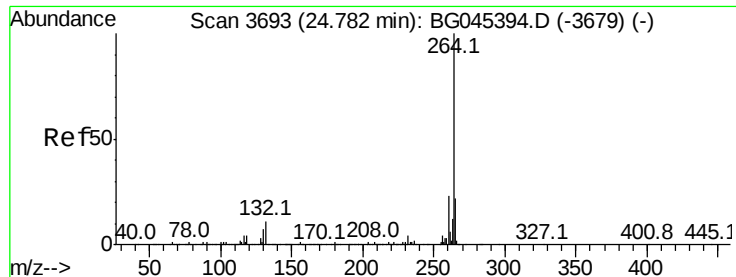


Abundance Ion 276.00 (275.70 to 276.70): E

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: 24.75 min Scan# 3688

Delta R.T. -0.00 min

Lab File: BG045522.D

Acq: 29 May 2020 13:58

Instrument :

BNA_G

ClientSampleId :

PB129160BS

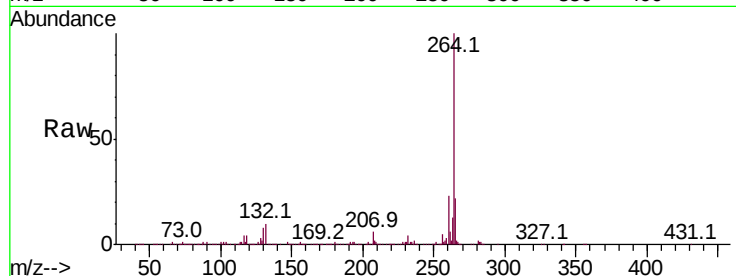
Tot Ion:264 Resp: 465712

Ion Ratio Lower Upper

264 100

260 23.1 18.2 27.4

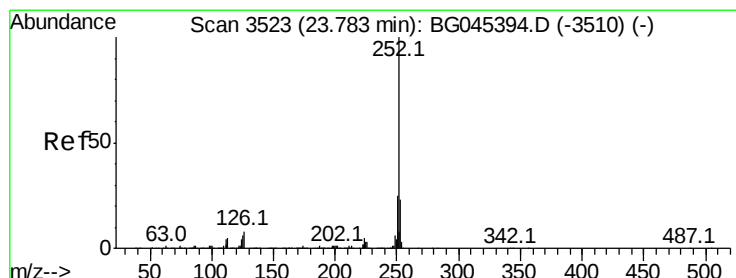
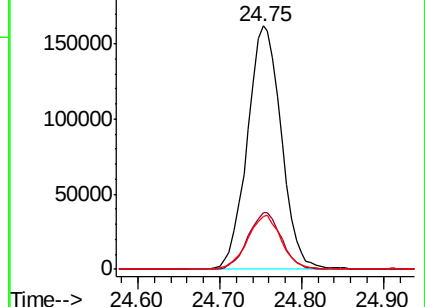
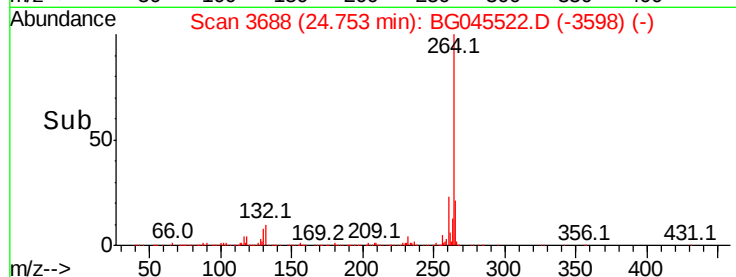
265 21.6 17.6 26.4



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: 45.540 ng

RT: 23.76 min Scan# 3519

Delta R.T. -0.00 min

Lab File: BG045522.D

Acq: 29 May 2020 13:58

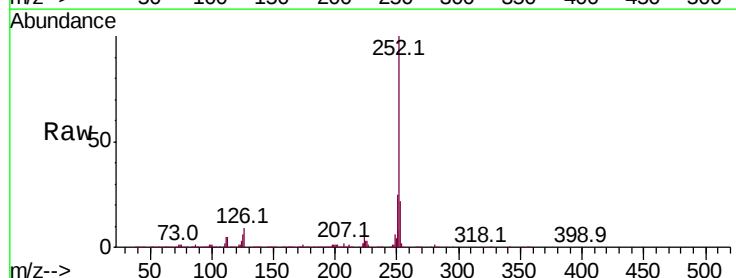
Tgt Ion:252 Resp: 1137434

Ion Ratio Lower Upper

252 100

253 22.4 18.1 27.1

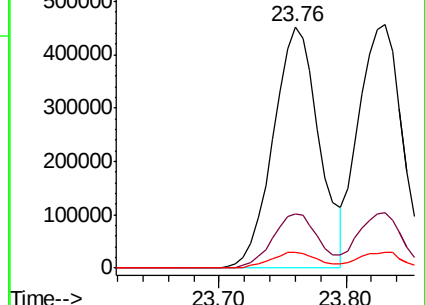
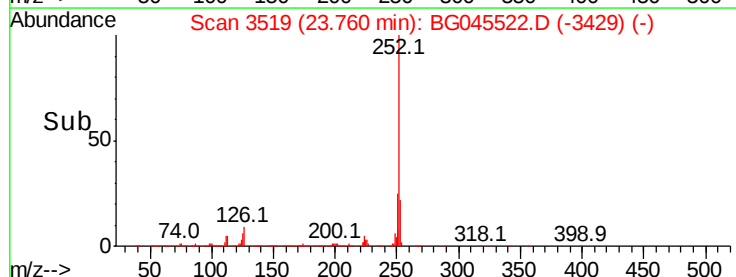
125 6.4 5.0 7.6

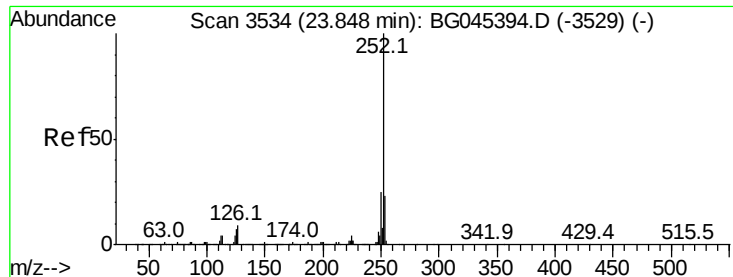


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

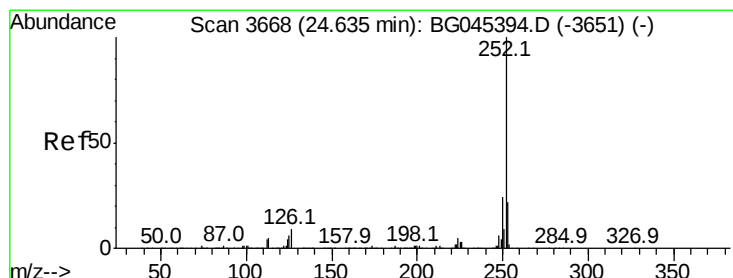
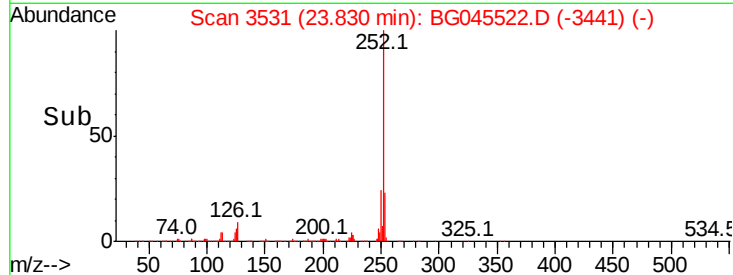
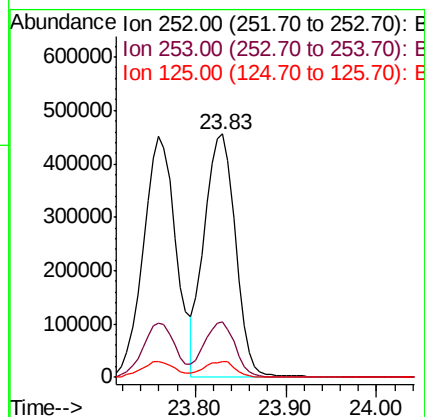
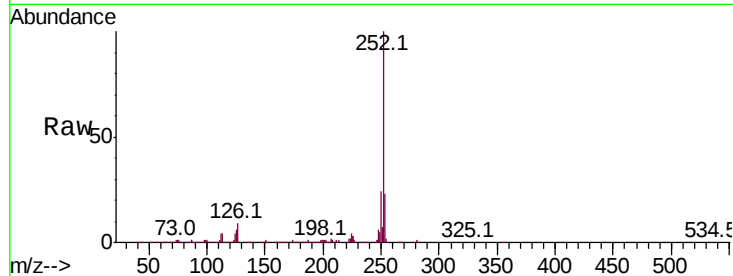




#89
Benzo(k)fluoranthene
Concen: 46.321 ng
RT: 23.83 min Scan# 3531
Delta R.T. -0.00 min
Lab File: BG045522.D
Acq: 29 May 2020 13:58

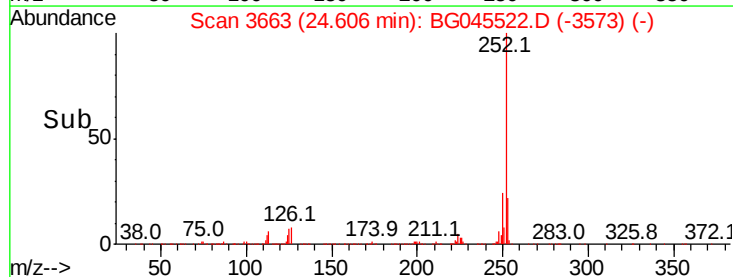
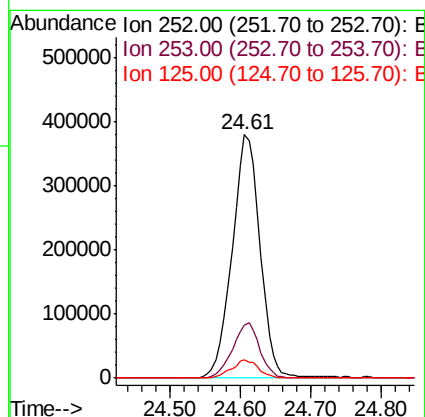
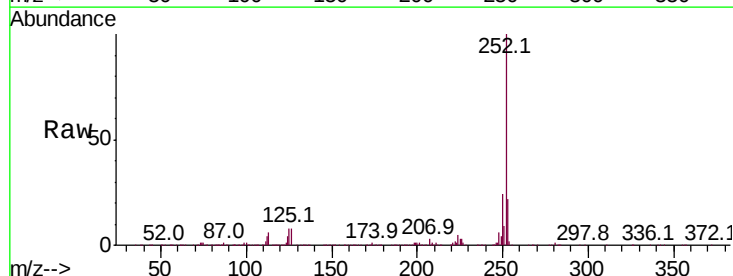
Instrument :
BNA_G
ClientSampleId :
PB129160BS

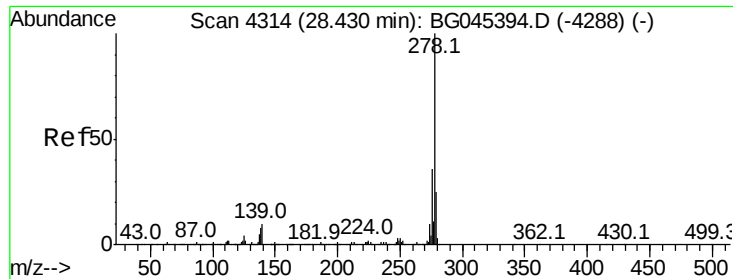
Tot Ion:252 Resp: 1086923
Ion Ratio Lower Upper
252 100
253 22.9 18.4 27.6
125 6.2 5.7 8.5



#90
Benzo(a)pyrene
Concen: 44.798 ng
RT: 24.61 min Scan# 3663
Delta R.T. -0.00 min
Lab File: BG045522.D
Acq: 29 May 2020 13:58

Tgt Ion:252 Resp: 1042076
Ion Ratio Lower Upper
252 100
253 21.9 17.2 25.8
125 7.5 5.0 7.6





#91

Dibenzo(a,h)anthracene

Concen: 45.704 ng

RT: 28.39 min Scan# 4307

Delta R.T. -0.00 min

Lab File: BG045522.D

Acq: 29 May 2020 13:58

Instrument :

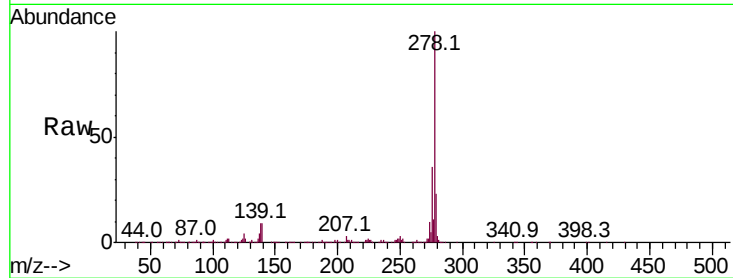
BNA_G

ClientSampleId :

PB129160BS

Tot Ion:278 Resp: 1068353

Ion	Ratio	Lower	Upper
278	100		
139	9.3	7.8	11.8
279	23.1	19.8	29.8

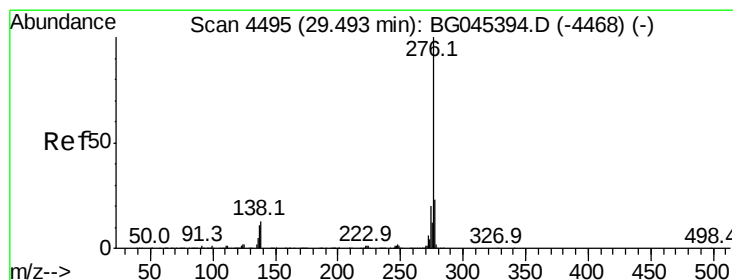
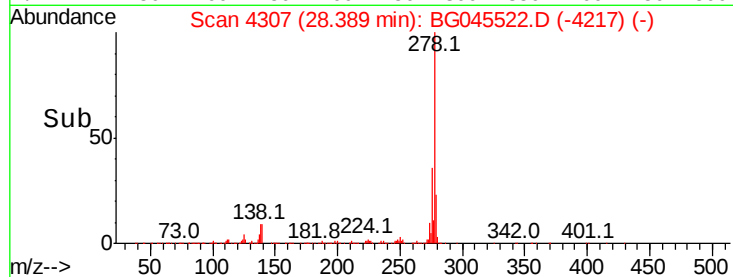
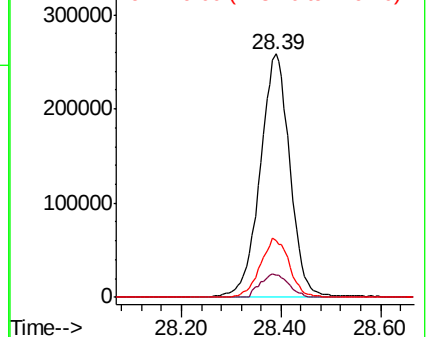


Abundance

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: 46.404 ng

RT: 29.45 min Scan# 4487

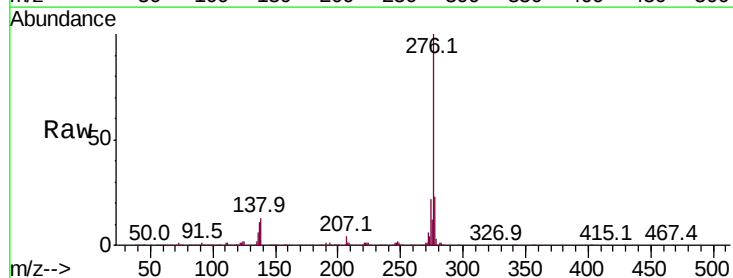
Delta R.T. -0.00 min

Lab File: BG045522.D

Acq: 29 May 2020 13:58

Tgt Ion:276 Resp: 1084860

Ion	Ratio	Lower	Upper
276	100		
277	23.4	18.1	27.1
138	13.1	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

