

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG051920\
 Data File : BG045431.D
 Acq On : 19 May 2020 19:25
 Operator : CG/JU
 Sample : SSTDC0040
 Misc : WATER - LOD - 8PPM
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: May 20 02:19:00 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 19 12:10:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.97	152	108412	20.00	ng	0.00
21) Naphthalene-d8	10.77	136	425398	20.00	ng	0.00
39) Acenaphthene-d10	14.61	164	303093	20.00	ng	0.00
64) Phenanthrene-d10	17.35	188	697077	20.00	ng	0.00
76) Chrysene-d12	21.62	240	657239	20.00	ng	0.00
87) Perylene-d12	24.77	264	726587	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.57	112	446372	80.47	ng	0.00
7) Phenol-d6	7.20	99	648502	82.13	ng	0.00
23) Nitrobenzene-d5	9.13	82	618659	79.31	ng	0.00
42) 2,4,6-Tribromophenol	16.11	330	292139	75.37	ng	0.00
45) 2-Fluorobiphenyl	13.23	172	1379605	77.21	ng	0.00
79) Terphenyl-d14	19.97	244	2191863	77.78	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.42	88	102895	37.404	ng	98
3) Pyridine	3.82	79	310190	40.488	ng	93
4) n-Nitrosodimethylamine	3.73	42	92962	37.081	ng	96
6) Aniline	7.30	93	409818	39.761	ng	98
8) 2-Chlorophenol	7.55	128	240318	39.504	ng	97
9) Benzaldehyde	7.10	77	207910	40.417	ng	96
10) Phenol	7.22	94	328295	40.344	ng	98
11) bis(2-Chloroethyl)ether	7.38	93	260255	41.003	ng	99
12) 1,3-Dichlorobenzene	7.85	146	289662	39.623	ng	98
13) 1,4-Dichlorobenzene	8.00	146	289070	40.068	ng	98
14) 1,2-Dichlorobenzene	8.32	146	273055	39.351	ng	97
15) Benzyl Alcohol	8.22	79	258367	39.612	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.50	45	250871	41.639	ng	98
17) 2-Methylphenol	8.46	107	254402	41.768	ng	96
18) Hexachloroethane	9.05	117	109544	39.645	ng	91
19) n-Nitroso-di-n-propylamine	8.77	70	223385	40.914	ng	99
20) 3+4-Methylphenols	8.46	107	254402	30.673	ng	77
22) Acetophenone	8.79	105	406615	40.329	ng	# 93
24) Nitrobenzene	9.17	77	327137	39.141	ng	96
25) Isophorone	9.69	82	627138	40.821	ng	99
26) 2-Nitrophenol	9.89	139	150433	42.075	ng	89
27) 2,4-Dimethylphenol	9.97	122	224912	42.413	ng	99
28) bis(2-Chloroethoxy)methane	10.18	93	334425	41.508	ng	97
29) 2,4-Dichlorophenol	10.45	162	263316	42.050	ng	97
30) 1,2,4-Trichlorobenzene	10.64	180	299375	40.459	ng	95
31) Naphthalene	10.82	128	803700	40.543	ng	99
32) Benzoic acid	10.17	122	171756	47.702	ng	95
33) 4-Chloroaniline	10.94	127	351153	42.378	ng	98
34) Hexachlorobutadiene	11.11	225	206469	39.474	ng	97
35) Caprolactam	11.71	113	92752	40.354	ng	97
36) 4-Chloro-3-methylphenol	12.11	107	295842	41.926	ng	95
37) 2-Methylnaphthalene	12.43	142	604432	40.909	ng	96
38) 1-Methylnaphthalene	12.65	142	567720	40.677	ng	96
40) 1,2,4,5-Tetrachlorobenzene	12.80	216	330730	39.066	ng	100

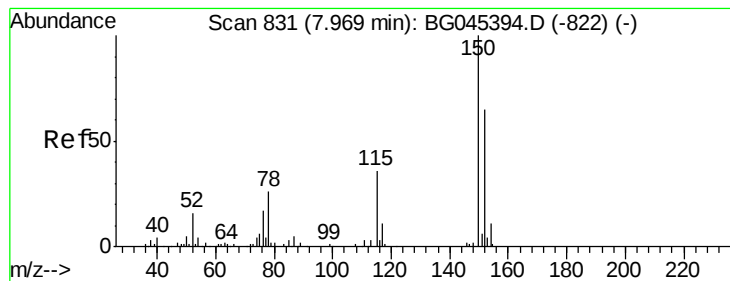
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG051920\
 Data File : BG045431.D
 Acq On : 19 May 2020 19:25
 Operator : CG/JU
 Sample : SSTDC0040
 Misc : WATER - LOD - 8PPM
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: May 20 02:19:00 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 19 12:10:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.78	237	193792	39.660	nq	100
43) 2,4,6-Trichlorophenol	13.06	196	235855	40.105	nq	98
44) 2,4,5-Trichlorophenol	13.15	196	261282	38.879	nq	96
46) 1,1'-Biphenyl	13.44	154	739784	39.723	nq	99
47) 2-Chloronaphthalene	13.48	162	600700	39.721	nq	100
48) 2-Nitroaniline	13.69	65	191549	38.505	nq	84
49) Acenaphthylene	14.33	152	968539	39.871	nq	99
50) Dimethylphthalate	14.06	163	800081	38.480	nq	99
51) 2,6-Dinitrotoluene	14.18	165	187103	39.880	nq	94
52) Acenaphthene	14.67	154	579587	35.644	nq	98
53) 3-Nitroaniline	14.53	138	189581	39.750	nq	94
54) 2,4-Dinitrophenol	14.72	184	99956	35.763	nq	92
55) Dibenzofuran	15.01	168	941216	38.979	nq	98
56) 4-Nitrophenol	14.90	139	139990	38.769	nq	98
57) 2,4-Dinitrotoluene	14.97	165	265368	39.054	nq	# 93
58) Fluorene	15.66	166	777706	39.203	nq	98
59) 2,3,4,6-Tetrachlorophenol	15.25	232	229198	38.766	nq	99
60) Diethylphthalate	15.43	149	821787	37.974	nq	98
61) 4-Chlorophenyl-phenylether	15.65	204	439901	38.751	nq	99
62) 4-Nitroaniline	15.69	138	198637	39.895	nq	91
63) Azobenzene	15.94	77	772253	38.270	nq	98
65) 4,6-Dinitro-2-methylphenol	15.74	198	159095	39.188	nq	96
66) n-Nitrosodiphenylamine	15.87	169	683926	40.864	nq	96
67) 4-Bromophenyl-phenylether	16.54	248	310131	41.087	nq	98
68) Hexachlorobenzene	16.67	284	319025	40.410	nq	96
69) Atrazine	16.82	200	272047	39.463	nq	99
70) Pentachlorophenol	17.02	266	226173	55.174	nq	99
71) Phenanthrene	17.40	178	1210745	39.786	nq	98
72) Anthracene	17.49	178	1230843	40.276	nq	98
73) Carbazole	17.76	167	1186686	39.837	nq	99
74) Di-n-butylphthalate	18.32	149	1406541	39.339	nq	98
75) Fluoranthene	19.41	202	1496517	38.663	nq	97
77) Benzidine	19.59	184	694258	37.611	nq	99
78) Pyrene	19.77	202	1519572	40.559	nq	97
80) Butylbenzylphthalate	20.65	149	652073	40.323	nq	97
81) Benzo(a)anthracene	21.59	228	1454389	39.724	nq	99
82) 3,3'-Dichlorobenzidine	21.52	252	565338	39.364	nq	99
83) Chrysene	21.66	228	1410150	40.056	nq	99
84) Bis(2-ethylhexyl)phthalate	21.51	149	887771	39.937	nq	98
85) Di-n-octyl phthalate	22.70	149	1505411	39.430	nq	100
86) Indeno(1,2,3-cd)pyrene	28.35	276	1799493	39.089	nq	# 94
88) Benzo(b)fluoranthene	23.77	252	1525974	39.160	nq	98
89) Benzo(k)fluoranthene	23.84	252	1500048	40.974	nq	99
90) Benzo(a)pyrene	24.63	252	1460864	40.253	nq	# 97
91) Dibenzo(a,h)anthracene	28.41	278	1437703	39.422	nq	98
92) Benzo(g,h,i)perylene	29.47	276	1449718	39.746	nq	96

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

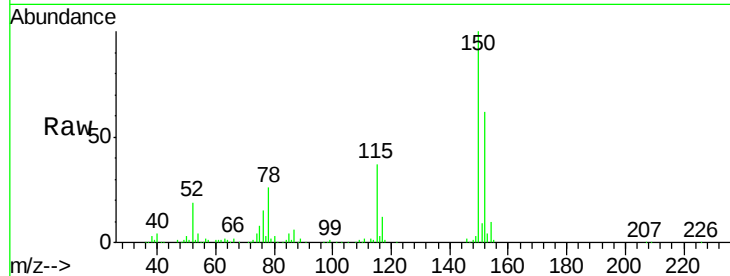


#1

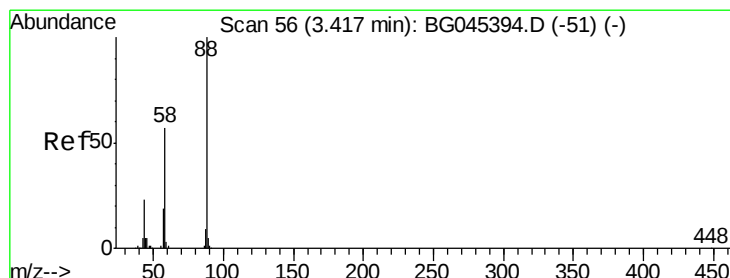
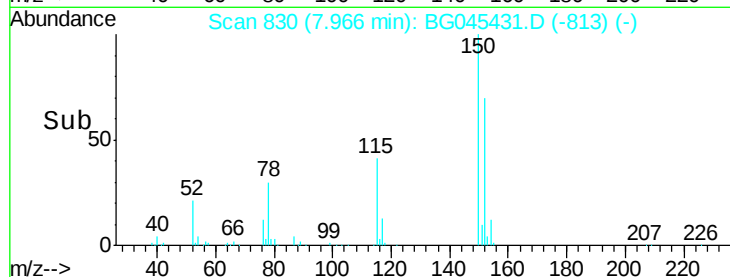
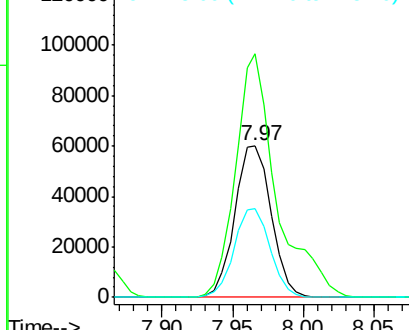
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.97 min Scan# 830
Delta R.T. -0.00 min
Lab File: BG045431.D
Acq: 19 May 2020 19:25

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 108412
Ion Ratio Lower Upper
152 100
150 160.1 122.4 183.6
115 58.6 44.2 66.4



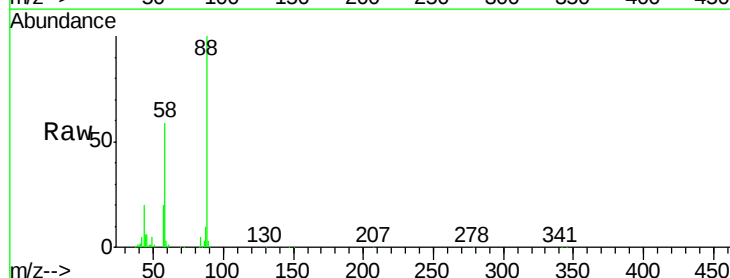
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



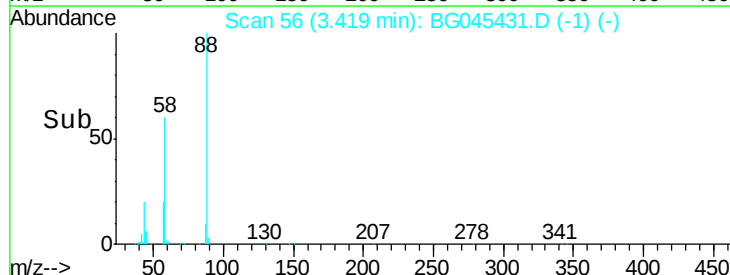
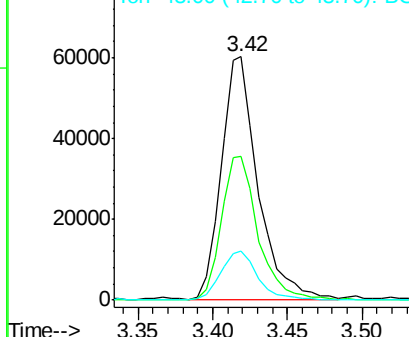
#2

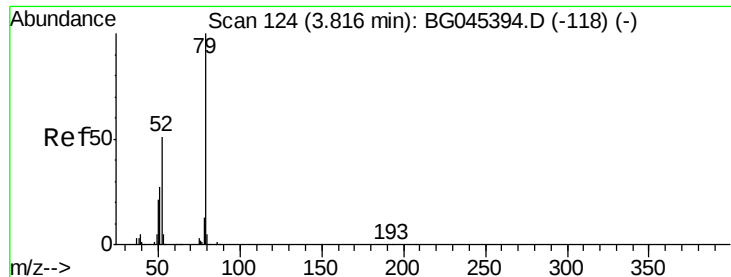
1,4-Dioxane
Concen: 37.404 ng
RT: 3.42 min Scan# 56
Delta R.T. 0.01 min
Lab File: BG045431.D
Acq: 19 May 2020 19:25

Tgt Ion: 88 Resp: 102895
Ion Ratio Lower Upper
88 100
58 59.4 45.7 68.5
43 20.8 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: 40.488 ng

RT: 3.82 min Scan# 124

Delta R.T. 0.01 min

Lab File: BG045431.D

Acq: 19 May 2020 19:25

Instrument :

BNA_G

ClientSampleId :

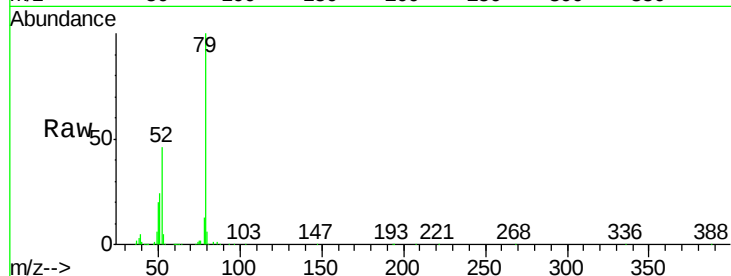
Tot Ion: 79 Resp: 310190

Ion Ratio Lower Upper

79 100

52 46.2 40.8 61.2

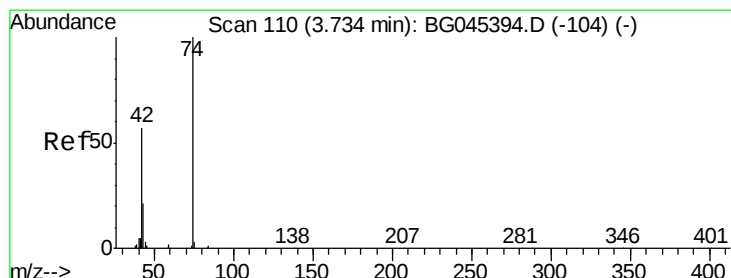
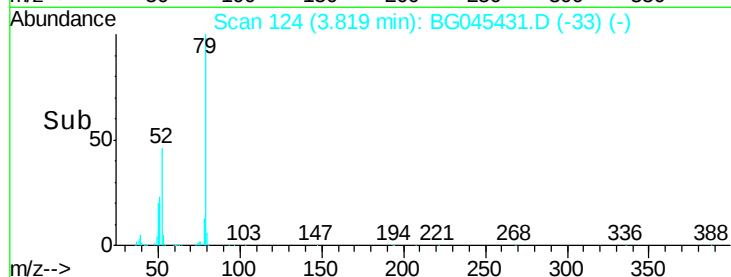
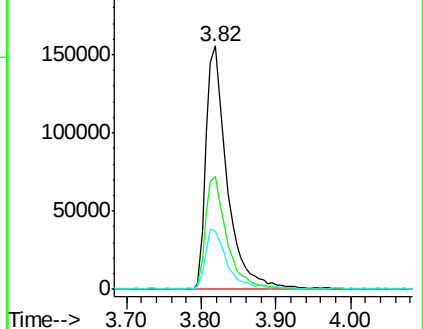
51 23.8 21.9 32.9



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 52.00 (51.70 to 52.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 37.081 ng

RT: 3.73 min Scan# 109

Delta R.T. -0.00 min

Lab File: BG045431.D

Acq: 19 May 2020 19:25

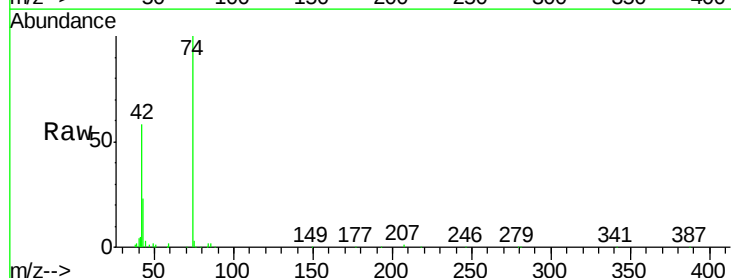
Tgt Ion: 42 Resp: 92962

Ion Ratio Lower Upper

42 100

74 171.0 141.3 211.9

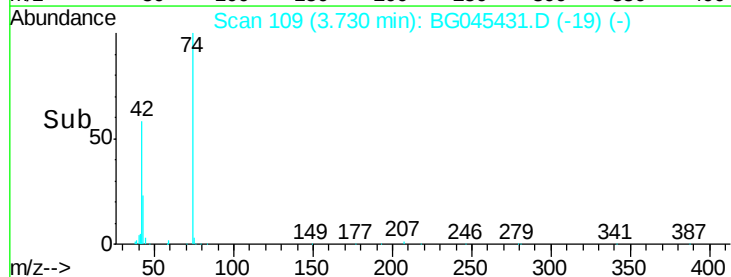
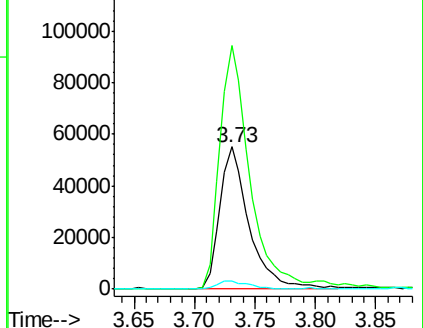
44 5.8 4.2 6.4

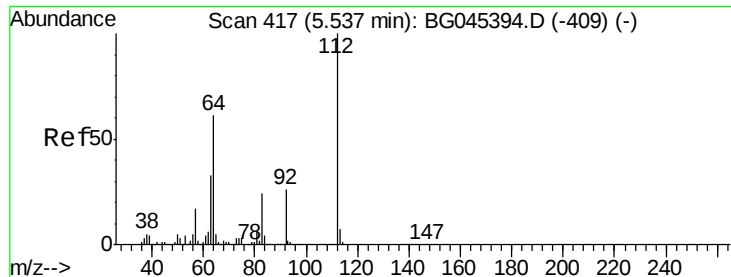


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 80.466 ng

RT: 5.57 min Scan# 422

Delta R.T. -0.01 min

Lab File: BG045431.D

Acq: 19 May 2020 19:25

Instrument :

BNA_G

ClientSampleId :

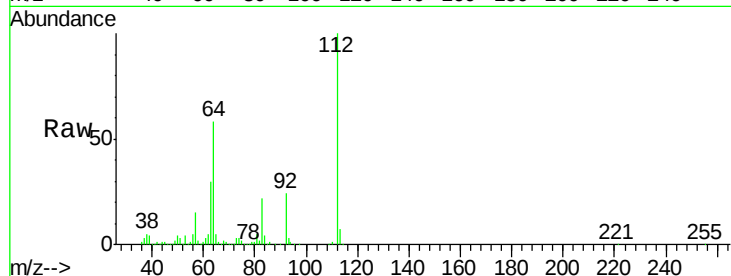
Tot Ion:112 Resp: 446372

Ion Ratio Lower Upper

112 100

64 57.9 48.6 72.8

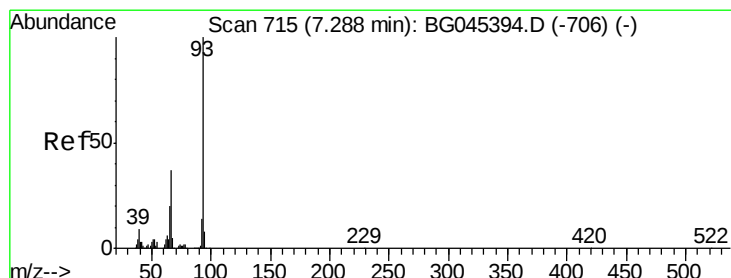
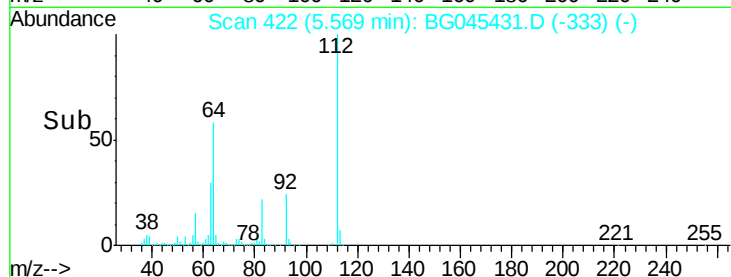
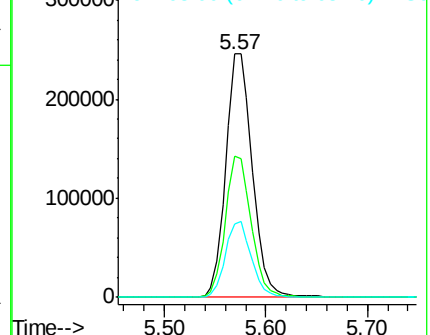
63 30.1 26.5 39.7



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 39.761 ng

RT: 7.30 min Scan# 716

Delta R.T. -0.00 min

Lab File: BG045431.D

Acq: 19 May 2020 19:25

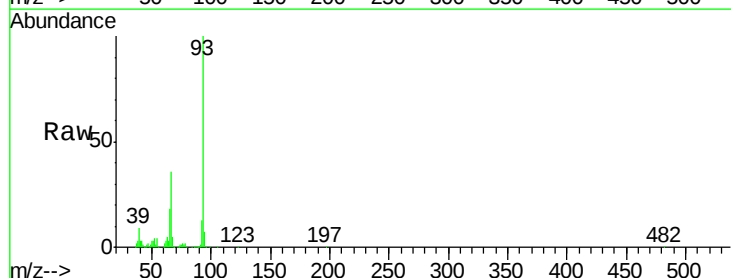
Tgt Ion: 93 Resp: 409818

Ion Ratio Lower Upper

93 100

66 36.2 29.6 44.4

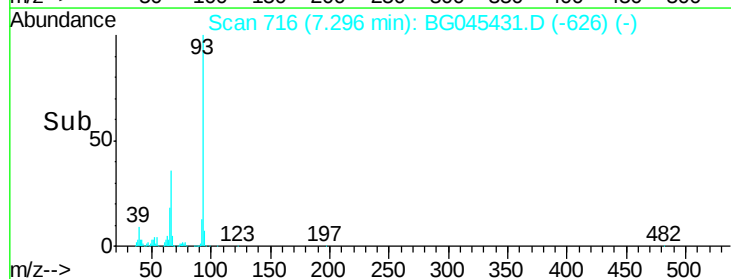
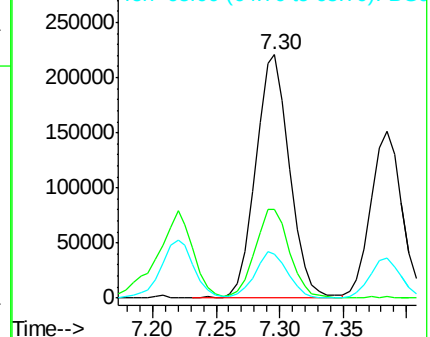
65 18.2 15.9 23.9



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: 82.135 ng

RT: 7.20 min Scan# 699

Delta R.T. -0.01 min

Lab File: BG045431.D

Acq: 19 May 2020 19:25

Instrument :

BNA_G

ClientSampleId :

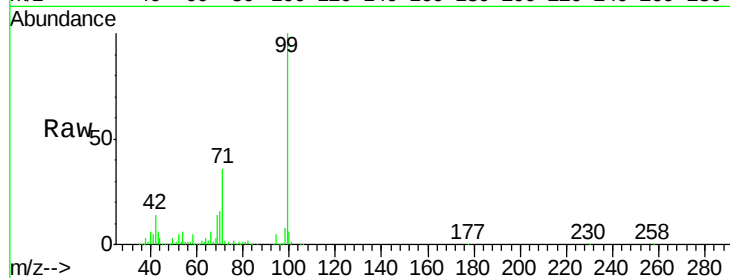
Tot Ion: 99 Resp: 648502

Ion Ratio Lower Upper

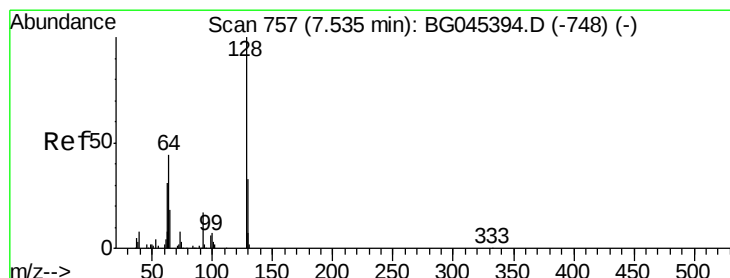
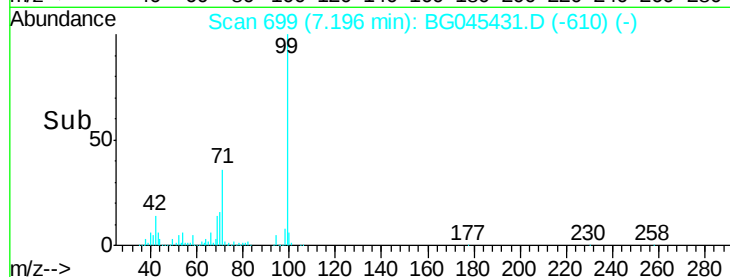
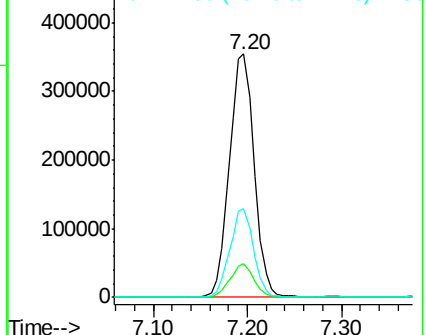
99 100

42 13.7 11.3 16.9

71 36.3 30.8 46.2



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



#8

2-Chlorophenol

Concen: 39.504 ng

RT: 7.55 min Scan# 759

Delta R.T. -0.01 min

Lab File: BG045431.D

Acq: 19 May 2020 19:25

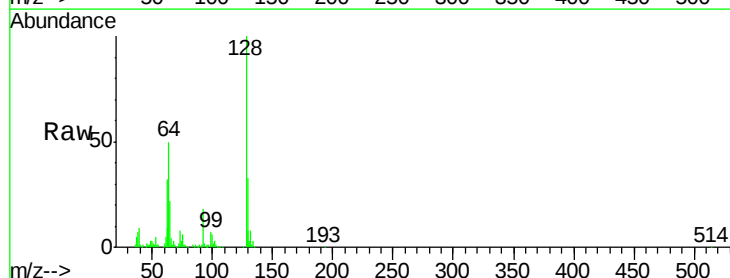
Tgt Ion: 128 Resp: 240318

Ion Ratio Lower Upper

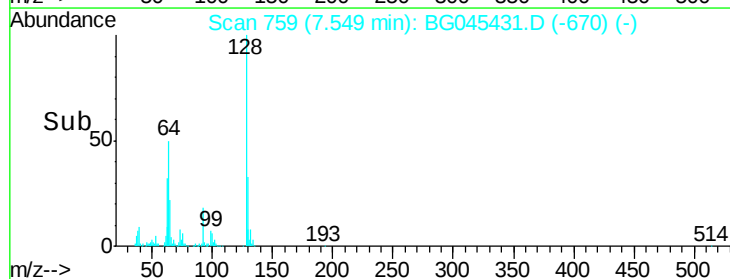
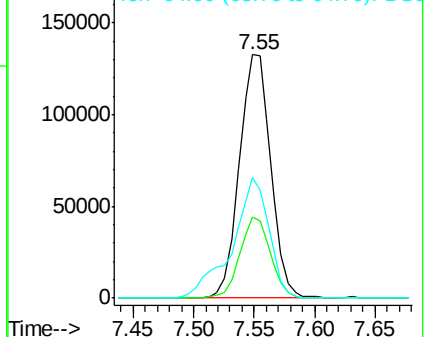
128 100

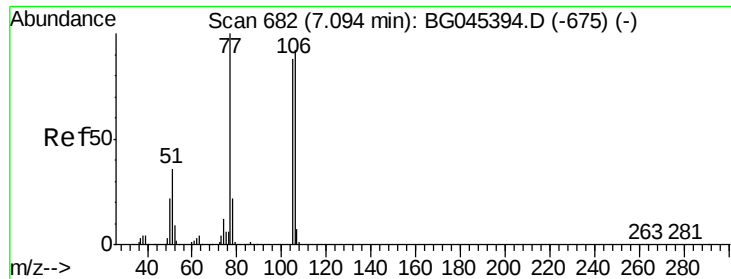
130 33.5 12.6 52.6

64 49.8 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





#9

Benzaldehyde

Concen: 40.417 ng

RT: 7.10 min Scan# 682

Delta R.T. -0.01 min

Lab File: BG045431.D

Acq: 19 May 2020 19:25

Instrument :

BNA_G

ClientSampleId :

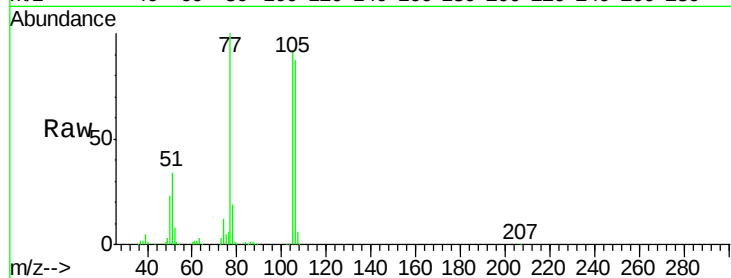
Tot Ion: 77 Resp: 207910

Ion Ratio Lower Upper

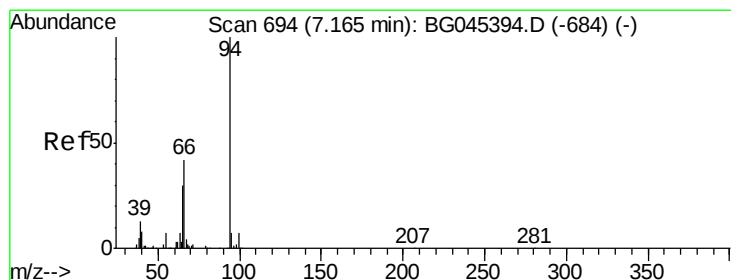
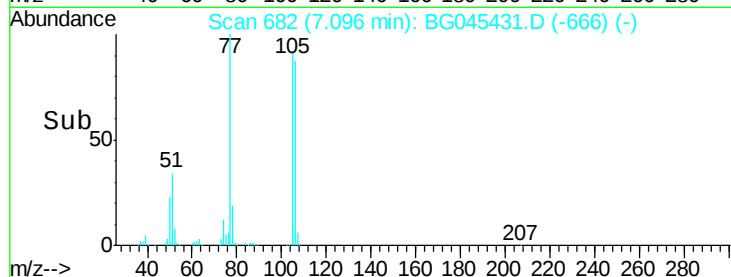
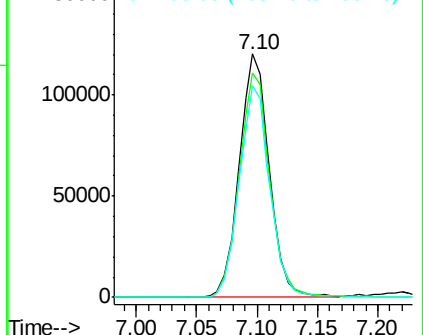
77 100

105 92.1 68.5 108.5

106 86.7 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: 40.344 ng

RT: 7.22 min Scan# 703

Delta R.T. -0.01 min

Lab File: BG045431.D

Acq: 19 May 2020 19:25

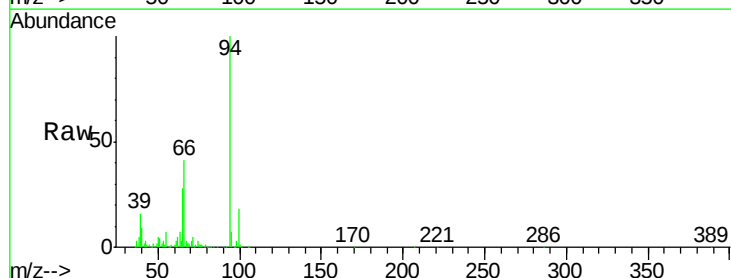
Tgt Ion: 94 Resp: 328295

Ion Ratio Lower Upper

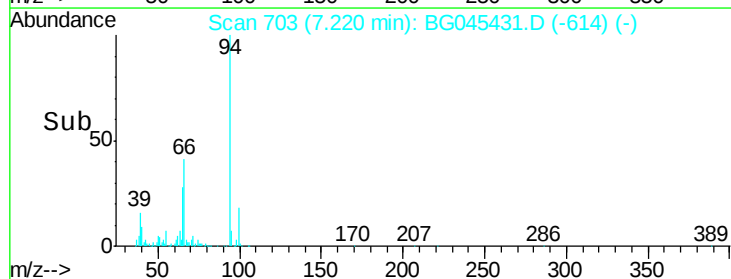
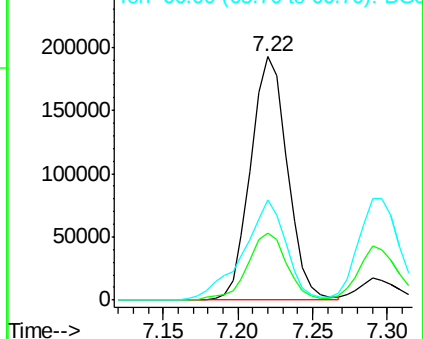
94 100

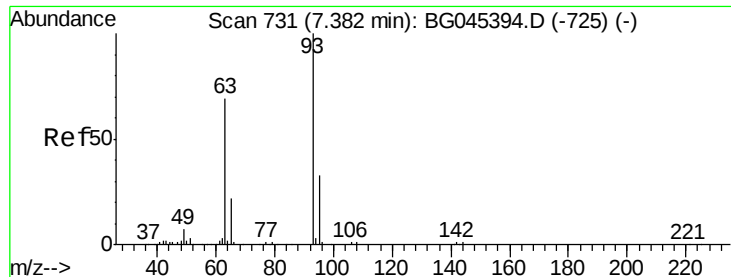
65 27.5 9.8 49.8

66 41.4 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: 41.003 ng

RT: 7.38 min Scan# 731

Delta R.T. -0.00 min

Lab File: BG045431.D

Acq: 19 May 2020 19:25

Instrument :

BNA_G

ClientSampled :

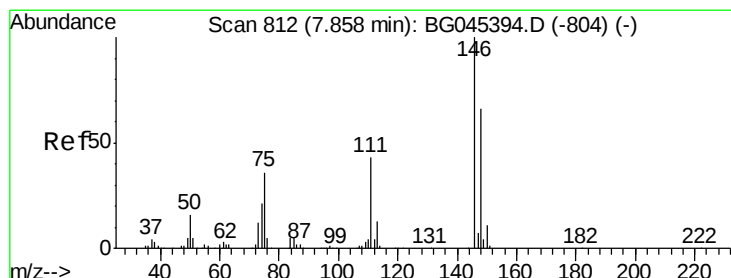
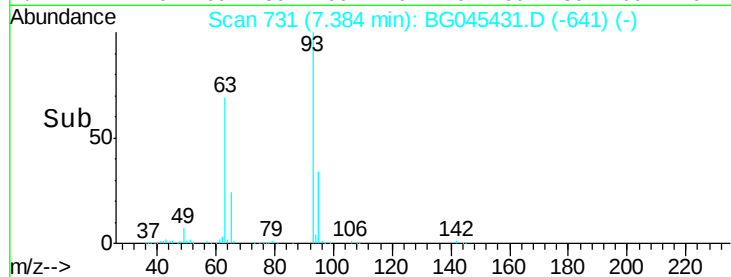
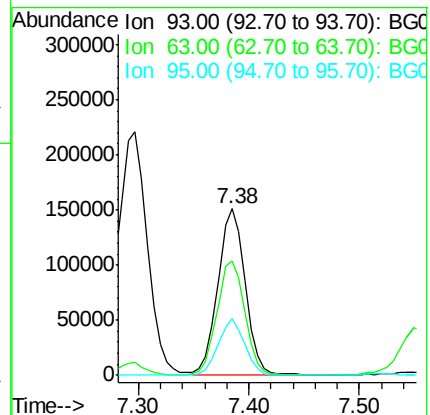
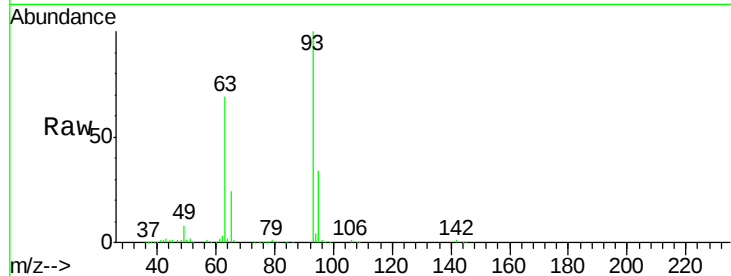
Tot Ion: 93 Resp: 260255

Ion Ratio Lower Upper

93 100

63 68.6 48.4 88.4

95 34.1 12.4 52.4



#12

1,3-Dichlorobenzene

Concen: 39.623 ng

RT: 7.85 min Scan# 811

Delta R.T. -0.01 min

Lab File: BG045431.D

Acq: 19 May 2020 19:25

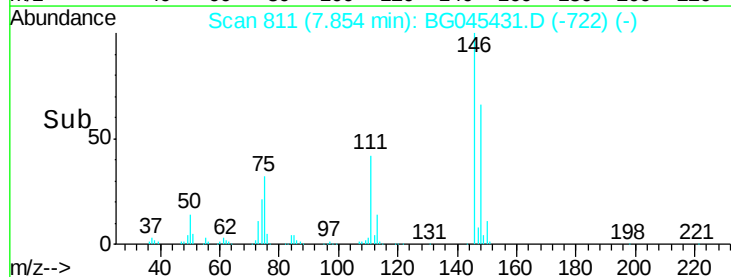
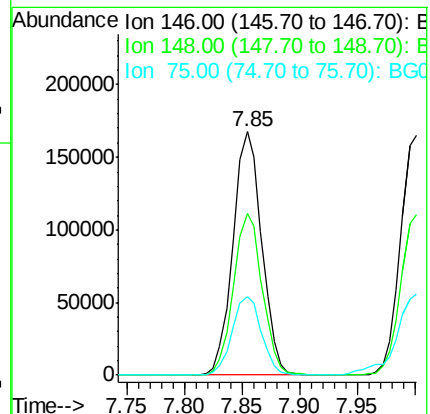
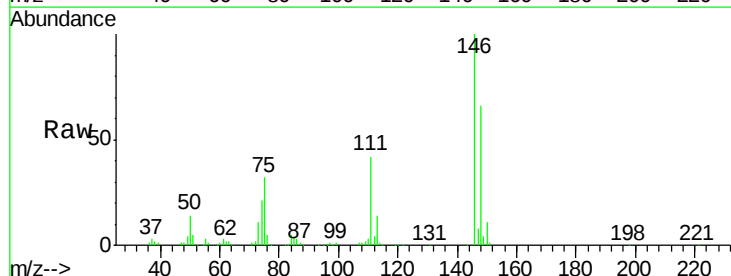
Tgt Ion: 146 Resp: 289662

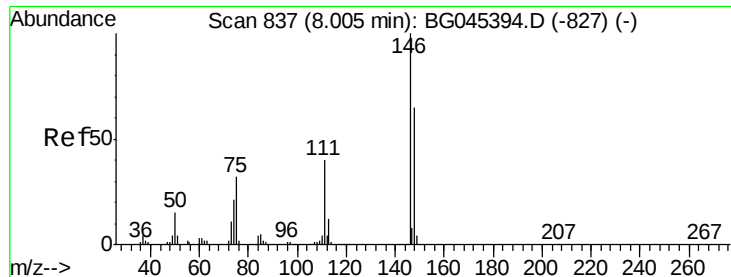
Ion Ratio Lower Upper

146 100

148 66.5 53.2 79.8

75 32.0 28.6 43.0





#13

1,4-Dichlorobenzene

Concen: 40.068 ng

RT: 8.00 min Scan# 836

Delta R.T. -0.00 min

Lab File: BG045431.D

Acq: 19 May 2020 19:25

Instrument :

BNA_G

ClientSampleId :

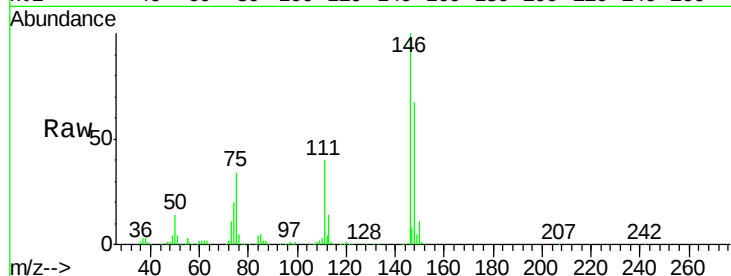
Tot Ion:146 Resp: 289070

Ion Ratio Lower Upper

146 100

148 66.8 51.8 77.8

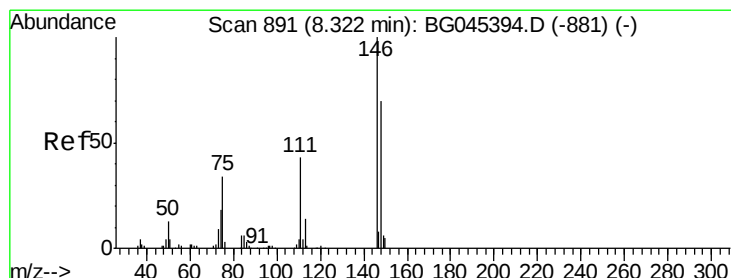
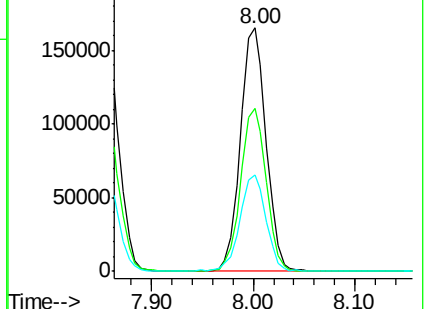
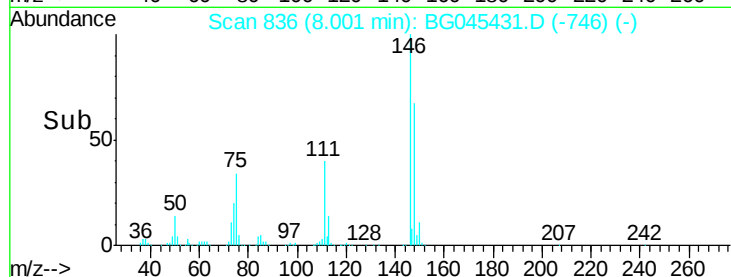
111 39.7 32.1 48.1



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: 39.351 ng

RT: 8.32 min Scan# 890

Delta R.T. -0.01 min

Lab File: BG045431.D

Acq: 19 May 2020 19:25

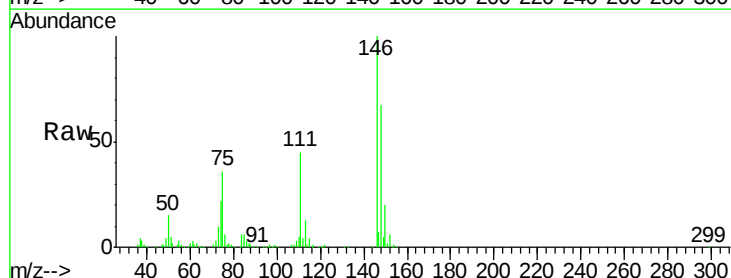
Tgt Ion:146 Resp: 273055

Ion Ratio Lower Upper

146 100

148 67.4 55.9 83.9

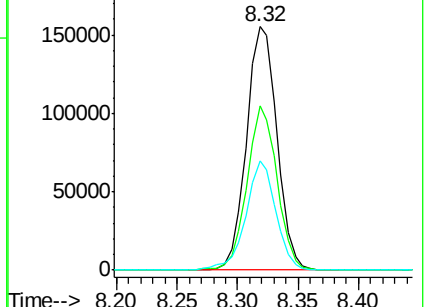
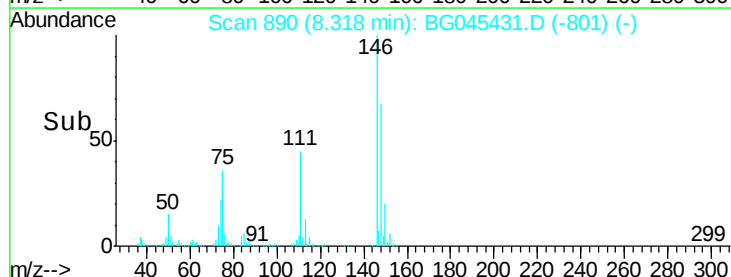
111 44.8 35.0 52.4

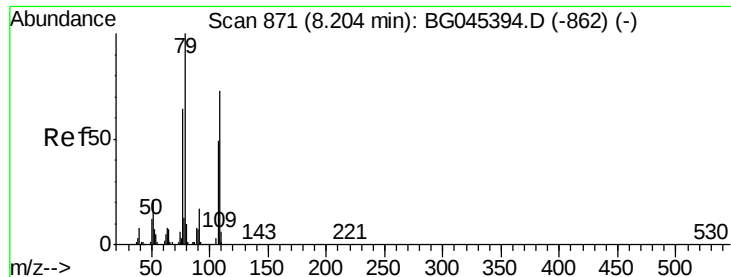


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 39.612 ng

RT: 8.22 min Scan# 873

Delta R.T. -0.01 min

Lab File: BG045431.D

Acq: 19 May 2020 19:25

Instrument :

BNA_G

ClientSampleId :

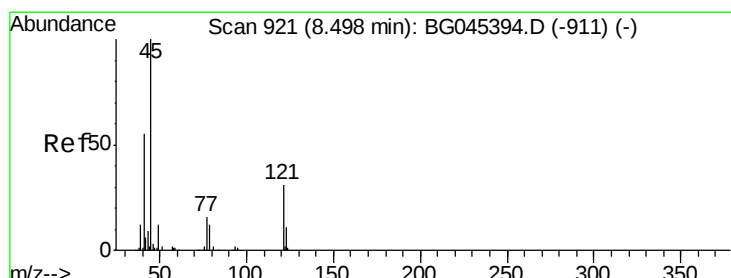
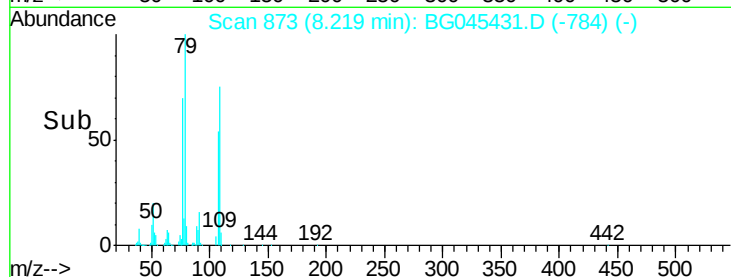
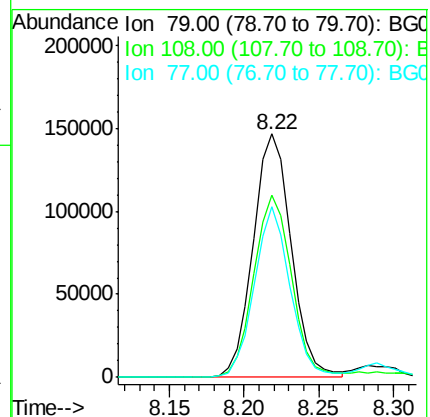
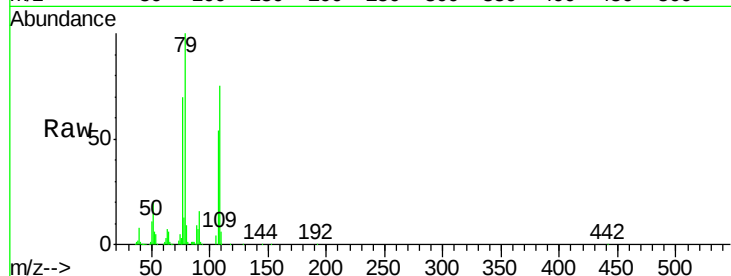
Tot Ion: 79 Resp: 258367

Ion Ratio Lower Upper

79 100

108 74.8 58.2 87.4

77 70.3 51.0 76.4



#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.639 ng

RT: 8.50 min Scan# 921

Delta R.T. -0.00 min

Lab File: BG045431.D

Acq: 19 May 2020 19:25

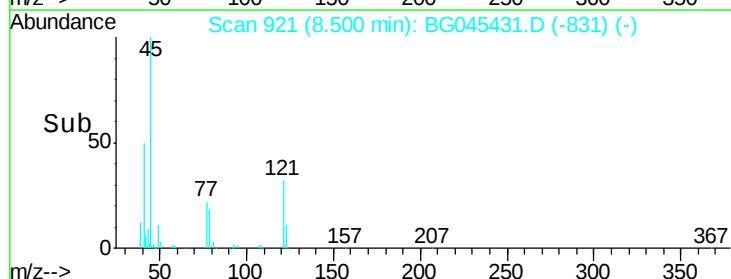
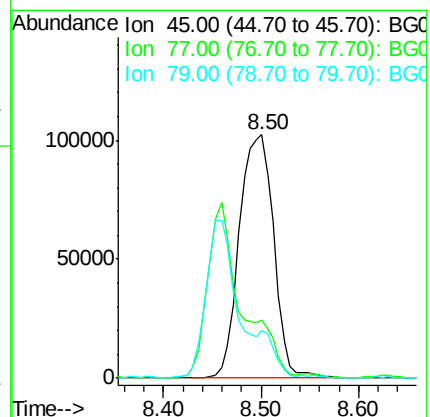
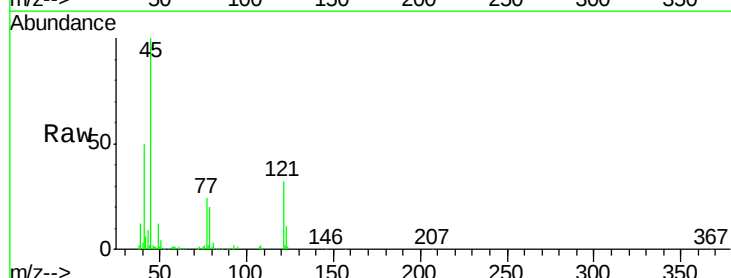
Tgt Ion: 45 Resp: 250871

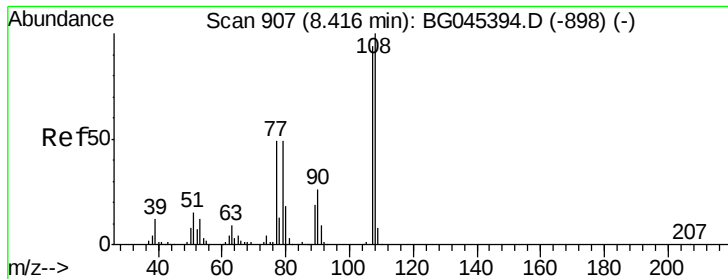
Ion Ratio Lower Upper

45 100

77 23.7 4.0 44.0

79 19.8 0.0 38.6

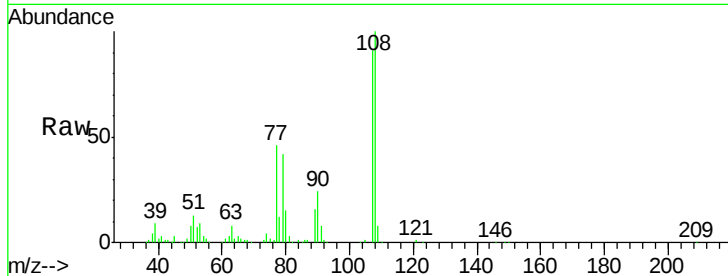




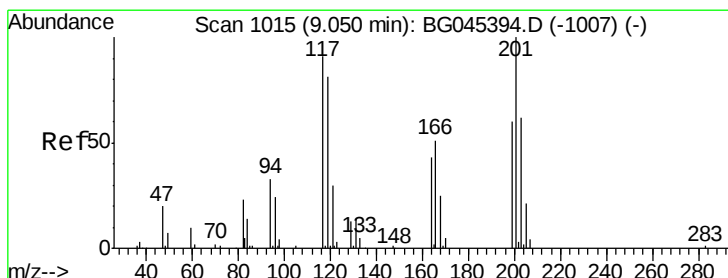
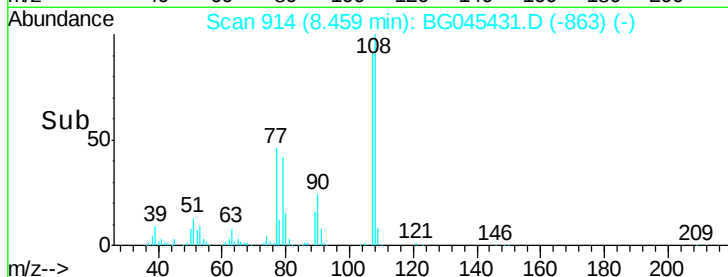
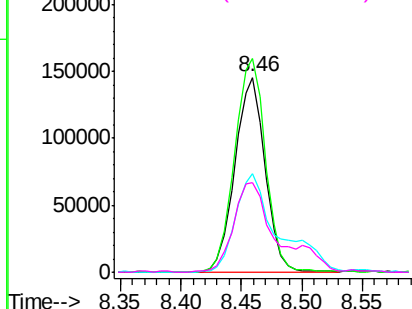
#17
2-Methylphenol
Concen: 41.768 ng
RT: 8.46 min Scan# 914
Delta R.T. -0.00 min
Lab File: BG045431.D
Acq: 19 May 2020 19:25

Instrument :
BNA_G
ClientSampled :

Tot Ion:	107	Resp:	254402
Ion	Ratio	Lower	Upper
107	100		
108	109.8	85.2	127.8
77	50.8	41.6	62.4
79	45.8	41.8	62.8

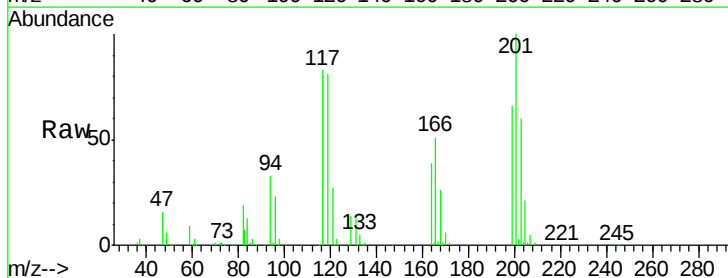


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

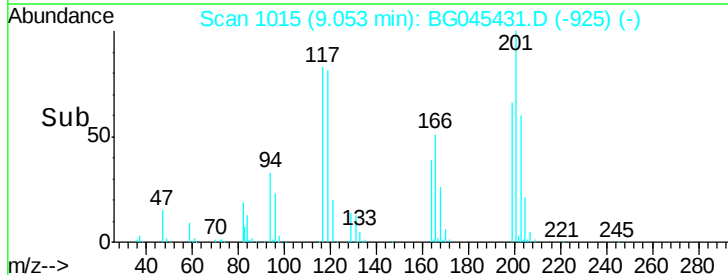
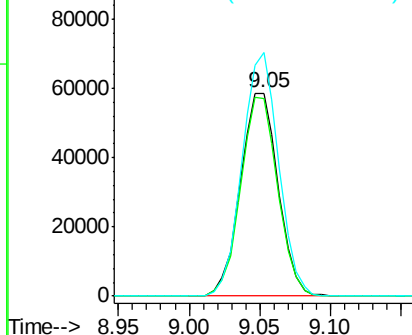


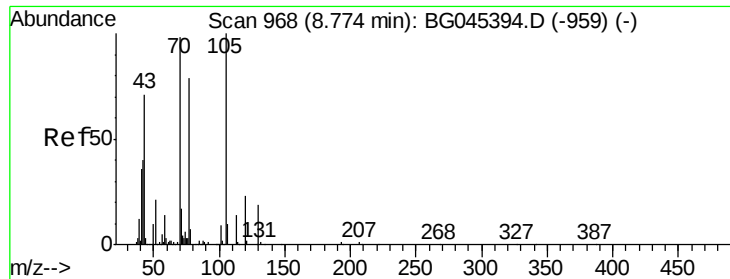
#18
Hexachloroethane
Concen: 39.645 ng
RT: 9.05 min Scan# 1015
Delta R.T. -0.00 min
Lab File: BG045431.D
Acq: 19 May 2020 19:25

Tgt Ion:	117	Resp:	109544
Ion	Ratio	Lower	Upper
117	100		
119	97.0	71.3	106.9
201	119.9	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

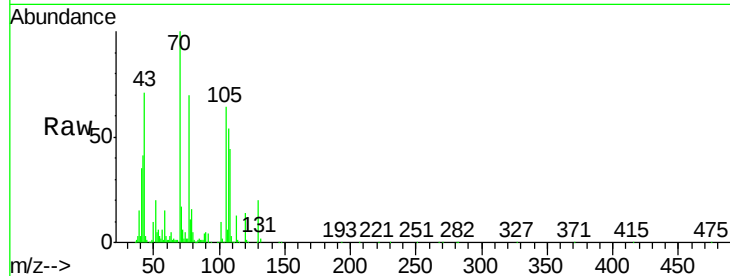




#19
 n-Nitroso-di-n-propylamine
 Concen: 40.914 ng
 RT: 8.77 min Scan# 967
 Delta R.T. -0.01 min
 Lab File: BG045431.D
 Acq: 19 May 2020 19:25

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:	70	Resp:	223385
Ion	Ratio	Lower	Upper
70	100		
42	41.4	33.2	49.8
101	10.5	7.8	11.6
130	20.3	15.4	23.2



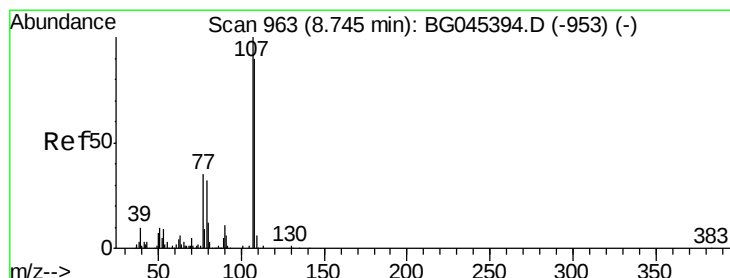
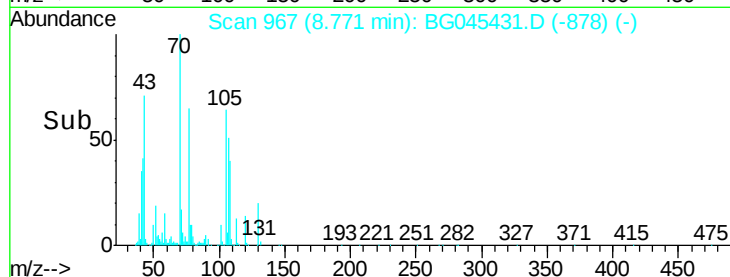
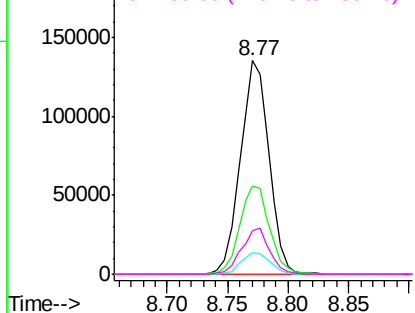
Abundance

Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

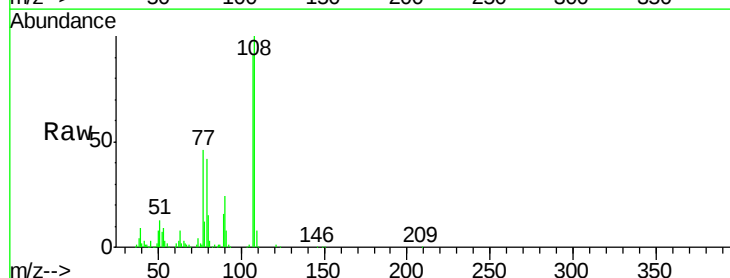
Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20
 3+4-Methylphenols
 Concen: 30.673 ng
 RT: 8.46 min Scan# 914
 Delta R.T. -0.34 min
 Lab File: BG045431.D
 Acq: 19 May 2020 19:25

Tgt Ion:	107	Resp:	254402
Ion	Ratio	Lower	Upper
107	100		
108	109.8	70.3	110.3
77	50.8	15.4	55.4
79	45.8	12.6	52.6



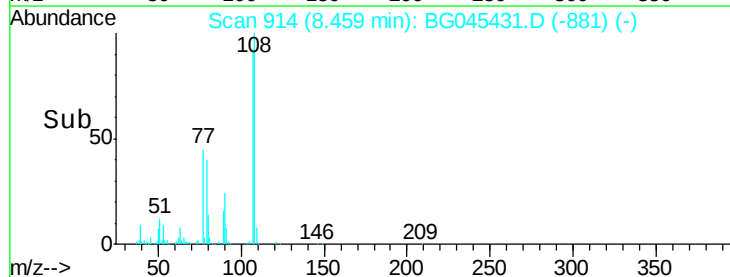
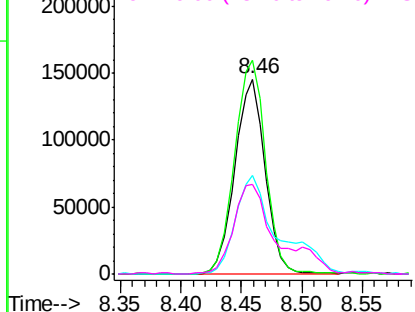
Abundance

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

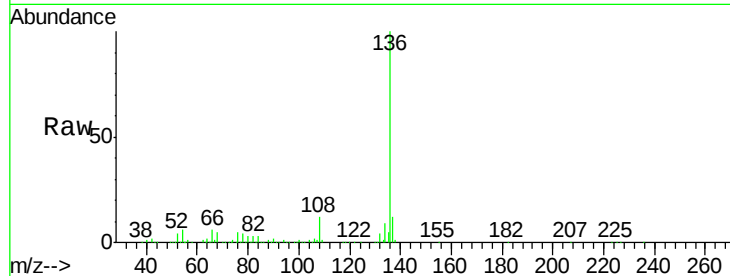




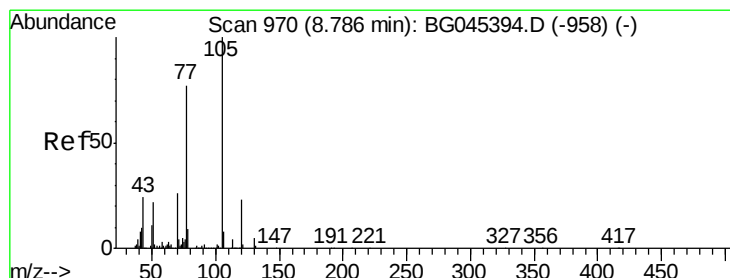
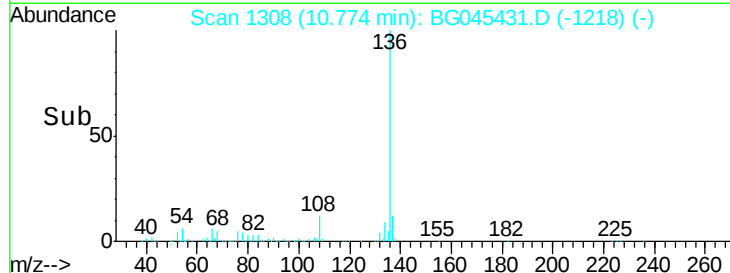
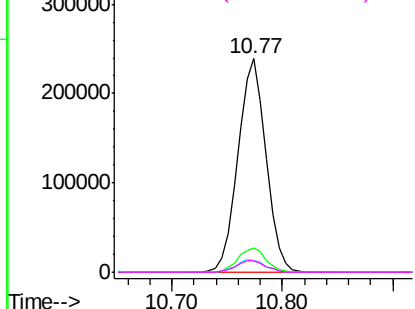
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.77 min Scan# 1308
Delta R.T. -0.00 min
Lab File: BG045431.D
Acq: 19 May 2020 19:25

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp: 425398
Ion Ratio	Lower Upper
136 100	
137 11.6	9.4 14.2
54 5.5	5.8 8.6#
68 5.4	4.5 6.7

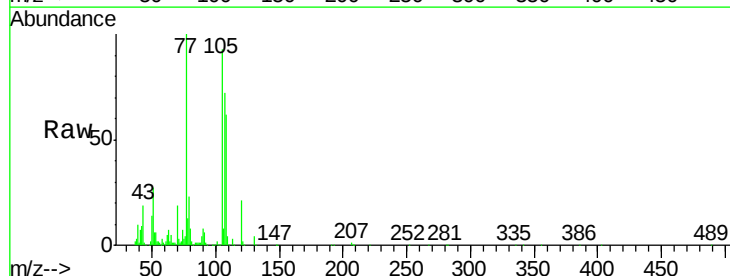


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

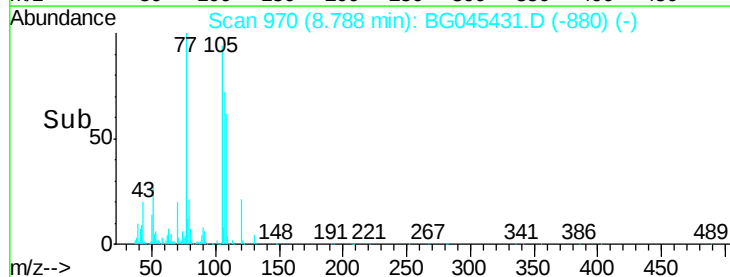
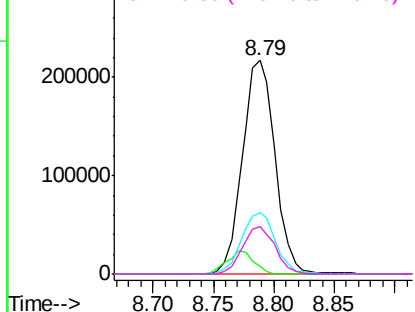


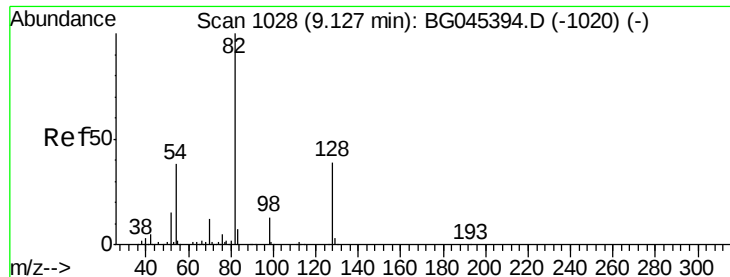
#22
Acetophenone
Concen: 40.329 ng
RT: 8.79 min Scan# 970
Delta R.T. -0.00 min
Lab File: BG045431.D
Acq: 19 May 2020 19:25

Tgt Ion:105	Resp: 406615
Ion Ratio	Lower Upper
105 100	
71 3.4	3.4 5.0
51 28.8	18.2 27.2#
120 22.3	18.6 27.8



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BGC
Ion 51.00 (50.70 to 51.70): BGC
Ion 120.00 (119.70 to 120.70): E

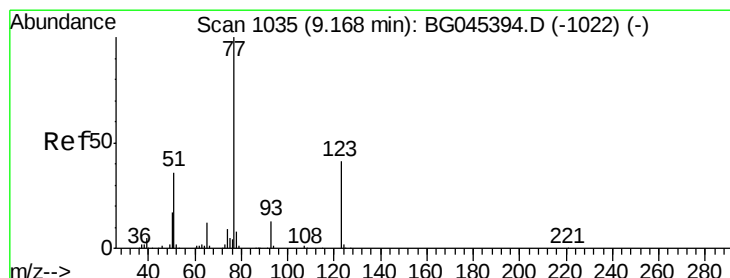
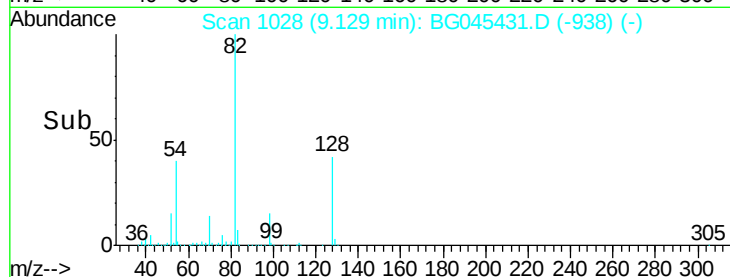
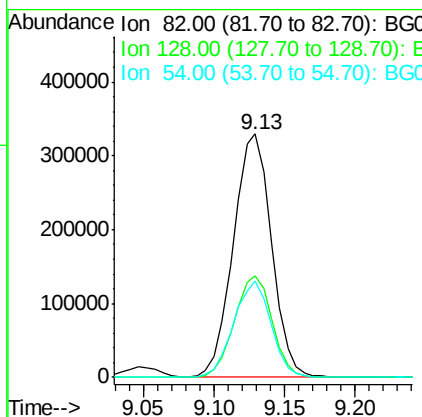
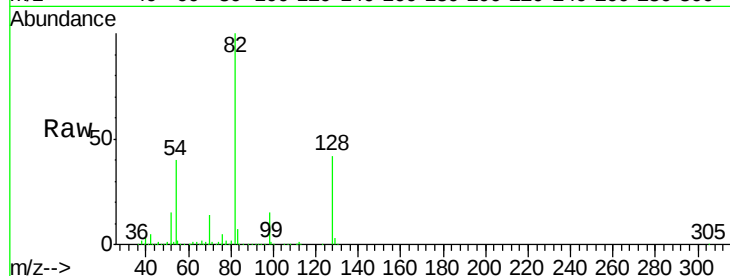




#23
 Nitrobenzene-d5
 Concen: 79.306 ng
 RT: 9.13 min Scan# 1028
 Delta R.T. -0.00 min
 Lab File: BG045431.D
 Acq: 19 May 2020 19:25

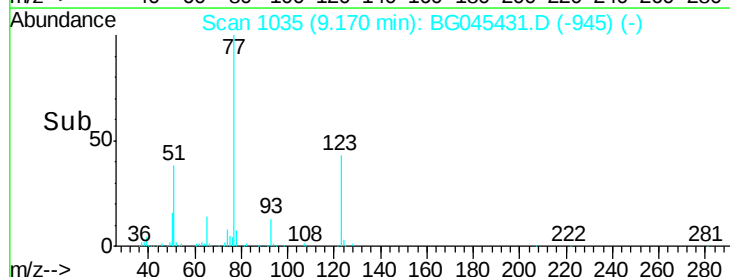
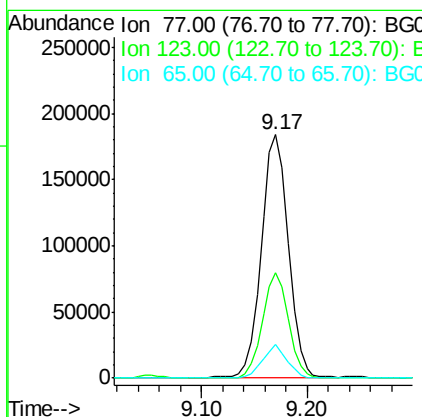
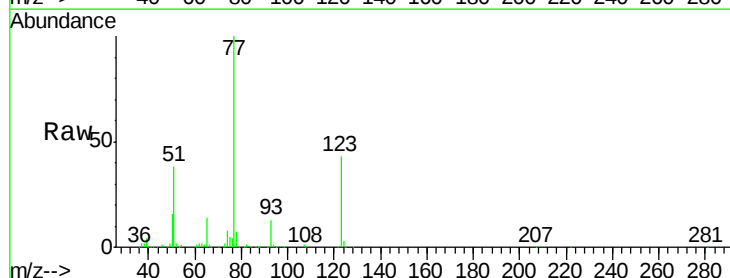
Instrument :
 BNA_G
 ClientSampleId :

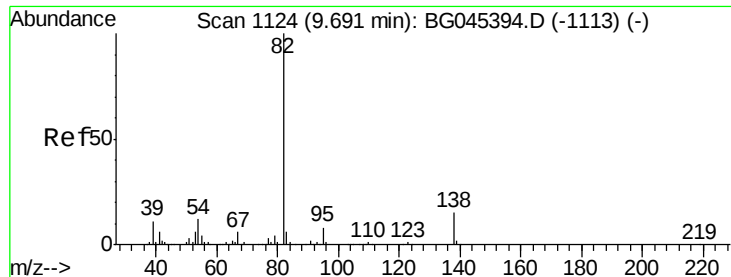
Tot Ion	82	Resp	618659
Ion Ratio	Lower	Upper	
82	100		
128	41.7	30.9	46.3
54	39.6	30.3	45.5



#24
 Nitrobenzene
 Concen: 39.141 ng
 RT: 9.17 min Scan# 1035
 Delta R.T. -0.00 min
 Lab File: BG045431.D
 Acq: 19 May 2020 19:25

Tgt Ion	77	Resp	327137
Ion Ratio	Lower	Upper	
77	100		
123	43.2	32.9	49.3
65	13.9	9.4	14.2

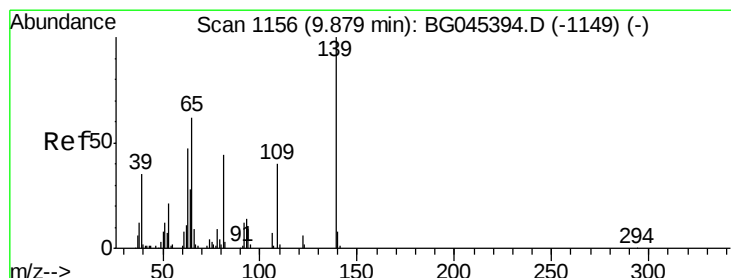
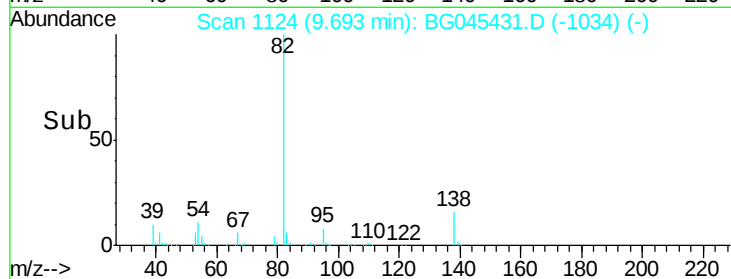
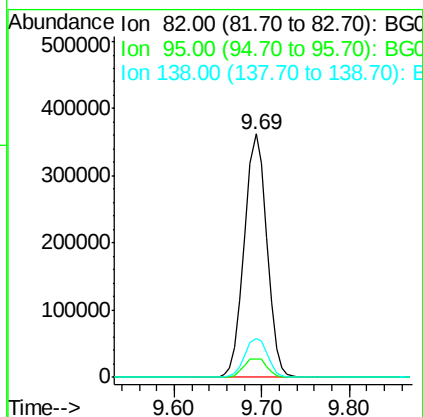
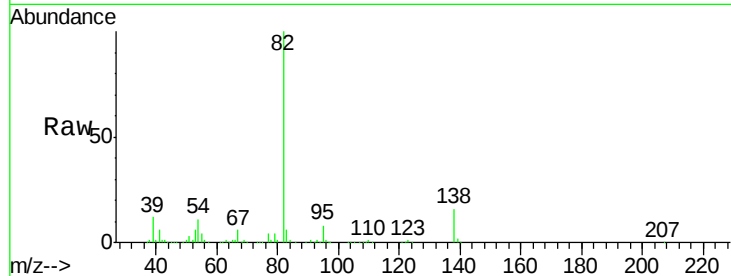




#25
Isophorone
Concen: 40.821 ng
RT: 9.69 min Scan# 1124
Delta R.T. -0.00 min
Lab File: BG045431.D
Acq: 19 May 2020 19:25

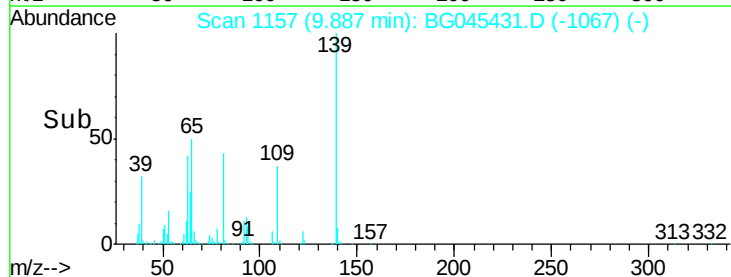
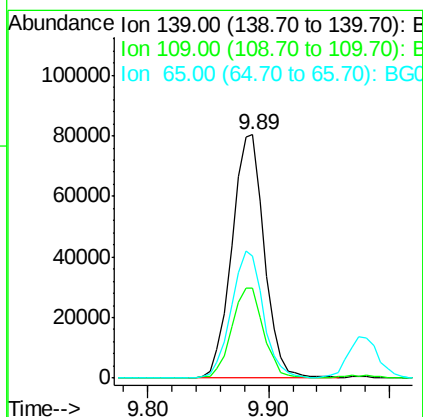
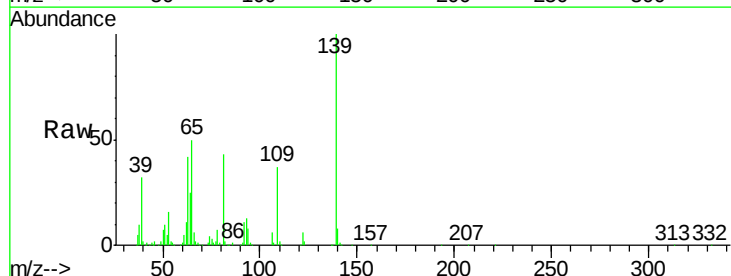
Instrument :
BNA_G
ClientSampleId :

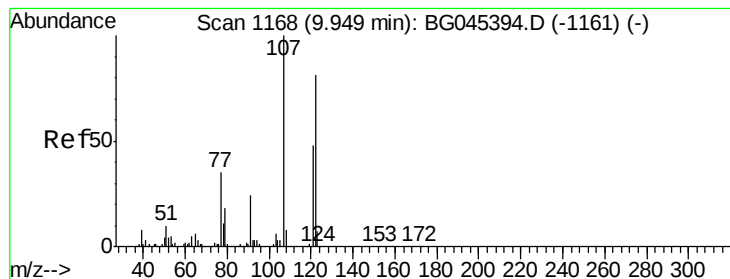
Tot Ion: 82 Resp: 627138
Ion Ratio Lower Upper
82 100
95 7.8 6.7 10.1
138 15.7 12.2 18.4



#26
2-Nitrophenol
Concen: 42.075 ng
RT: 9.89 min Scan# 1157
Delta R.T. -0.00 min
Lab File: BG045431.D
Acq: 19 May 2020 19:25

Tgt Ion: 139 Resp: 150433
Ion Ratio Lower Upper
139 100
109 37.2 32.2 48.4
65 50.0 49.6 74.4





#27

2,4-Dimethylphenol

Concen: 42.413 ng

RT: 9.97 min Scan# 1172

Delta R.T. -0.01 min

Lab File: BG045431.D

Acq: 19 May 2020 19:25

Instrument :

BNA_G

ClientSampleId :

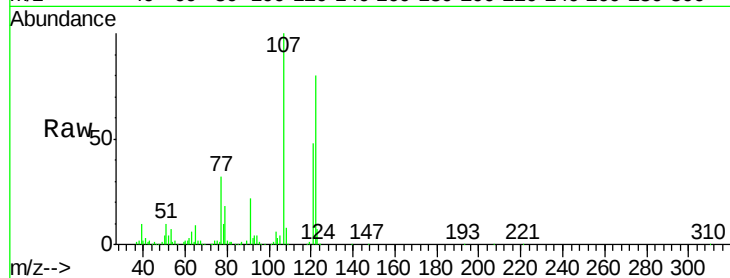
Tot Ion:122 Resp: 224912

Ion Ratio Lower Upper

122 100

107 124.9 99.0 148.4

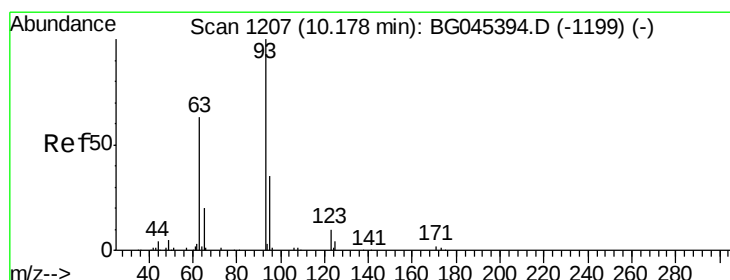
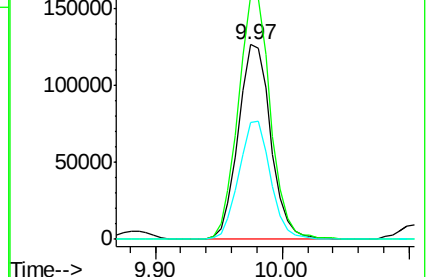
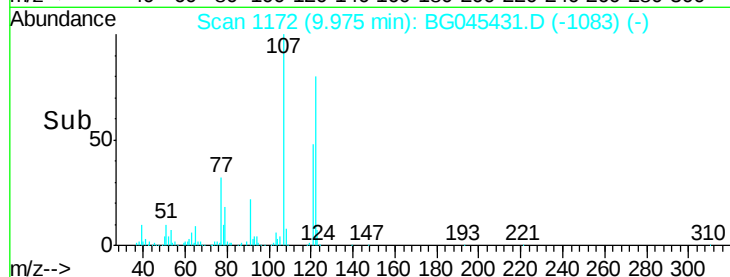
121 59.8 47.7 71.5



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 41.508 ng

RT: 10.18 min Scan# 1207

Delta R.T. -0.00 min

Lab File: BG045431.D

Acq: 19 May 2020 19:25

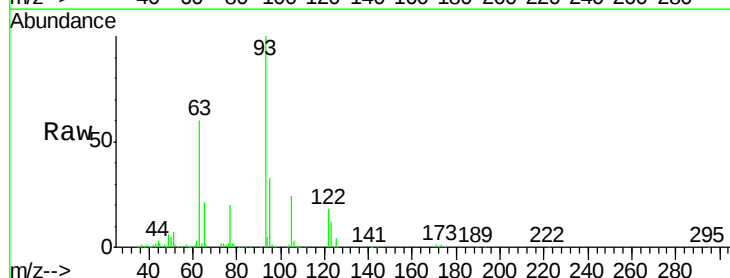
Tgt Ion: 93 Resp: 334425

Ion Ratio Lower Upper

93 100

95 33.2 27.6 41.4

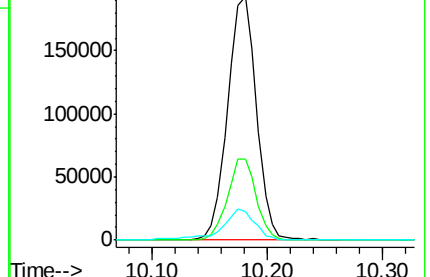
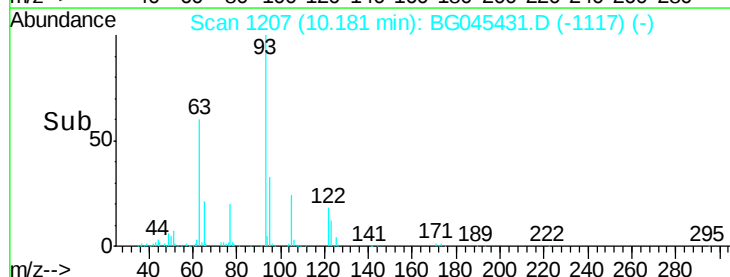
123 11.6 8.1 12.1



Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 42.050 ng

RT: 10.45 min Scan# 1253

Delta R.T. -0.01 min

Lab File: BG045431.D

Acq: 19 May 2020 19:25

Instrument :

BNA_G

ClientSampleId :

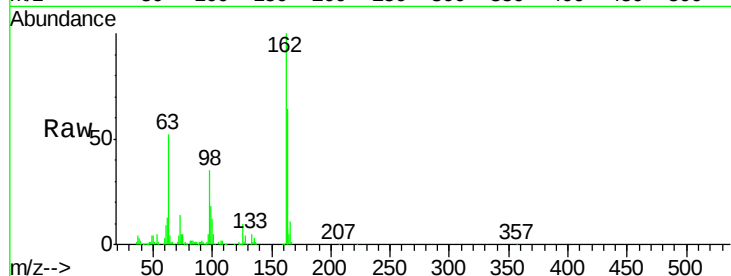
Tot Ion:162 Resp: 263316

Ion Ratio Lower Upper

162 100

164 63.7 46.8 86.8

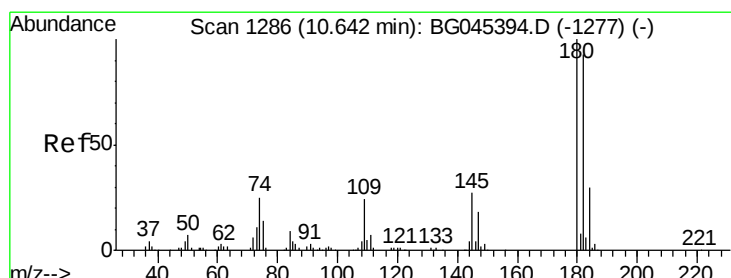
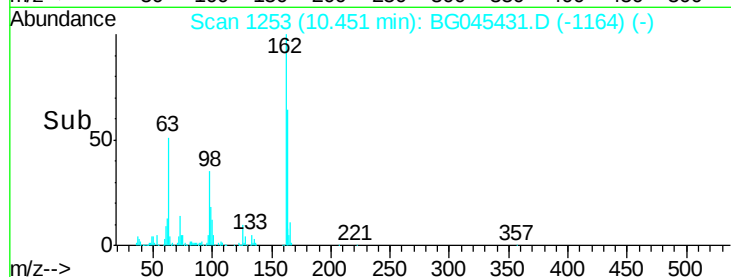
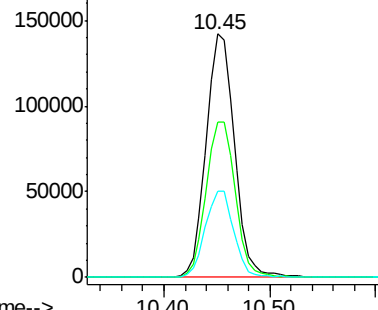
98 35.3 15.2 55.2



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: 40.459 ng

RT: 10.64 min Scan# 1285

Delta R.T. -0.00 min

Lab File: BG045431.D

Acq: 19 May 2020 19:25

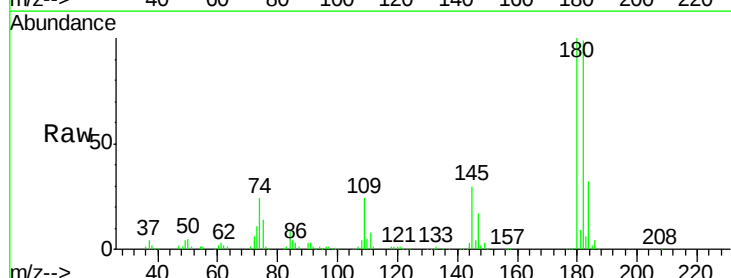
Tgt Ion:180 Resp: 299375

Ion Ratio Lower Upper

180 100

182 98.6 74.8 112.2

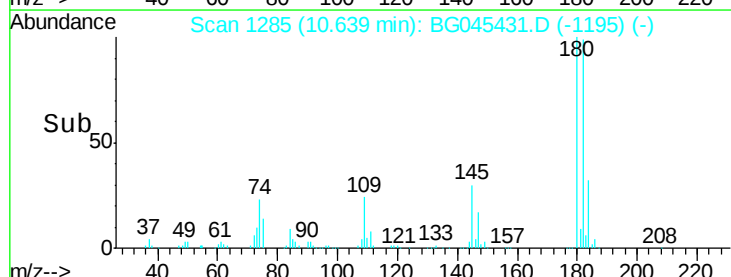
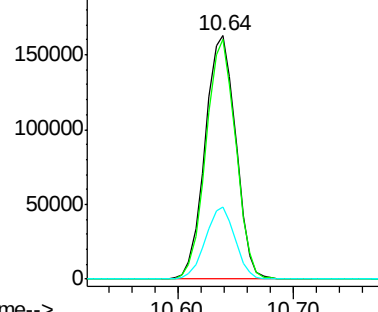
145 29.6 21.9 32.9

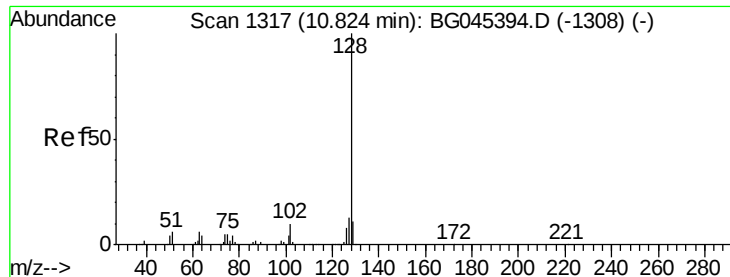


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

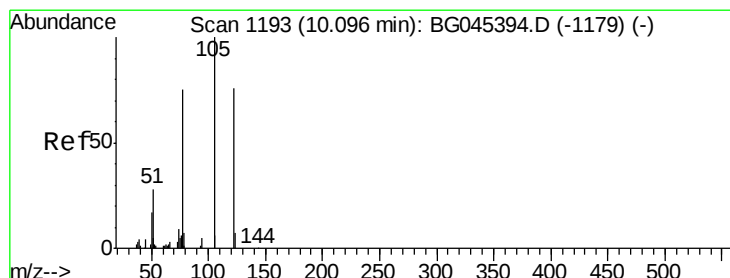
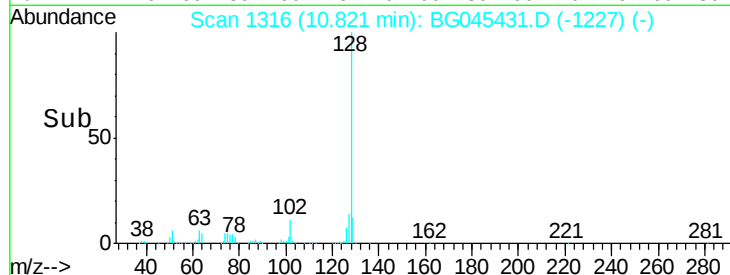
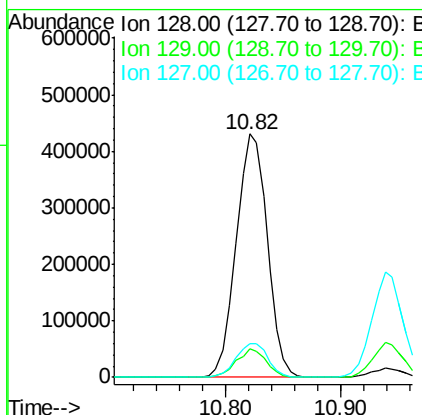
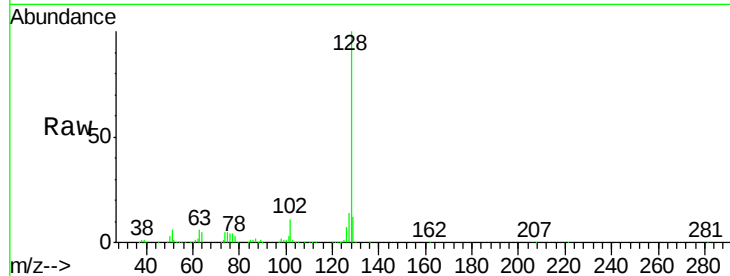




#31
Naphthalene
Concen: 40.543 ng
RT: 10.82 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BG045431.D
Acq: 19 May 2020 19:25

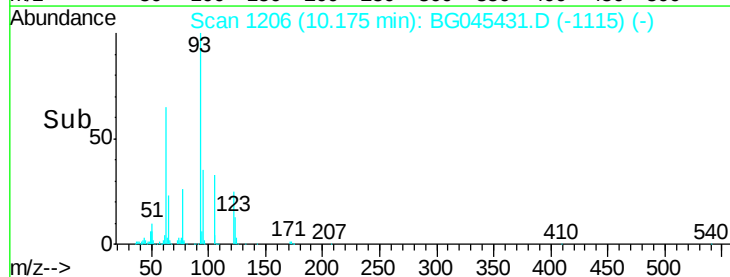
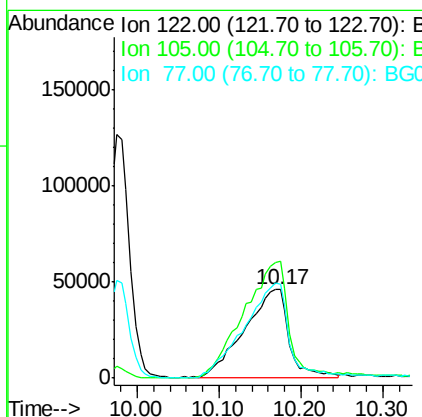
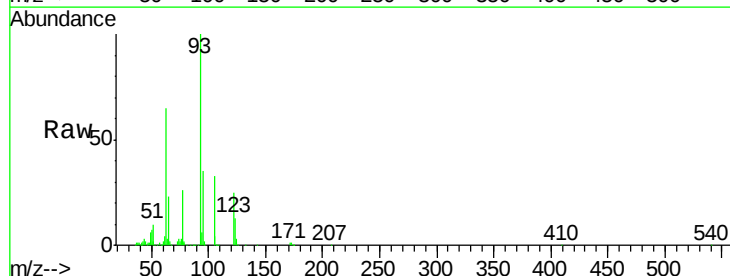
Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.7	9.0	13.6
127	13.9	10.7	16.1



#32
Benzoic acid
Concen: 47.702 ng
RT: 10.17 min Scan# 1206
Delta R.T. 0.01 min
Lab File: BG045431.D
Acq: 19 May 2020 19:25

Tgt Ion	Ratio	Lower	Upper
122	100		
105	132.2	107.9	147.9
77	105.6	78.9	118.9

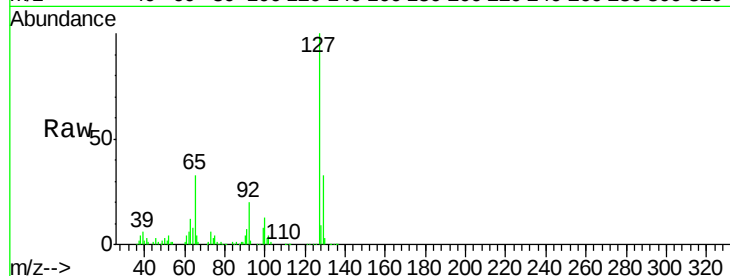




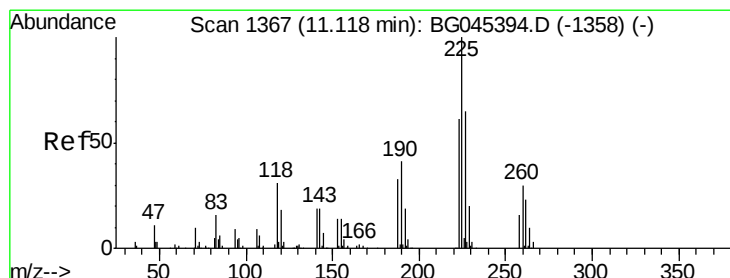
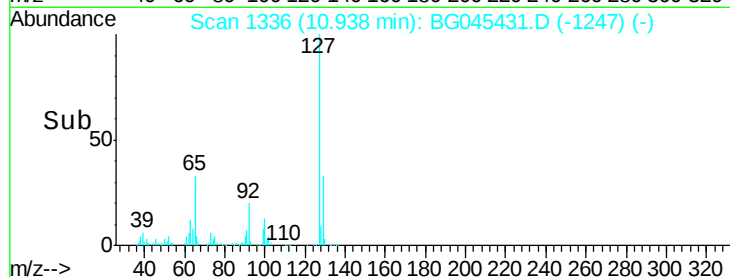
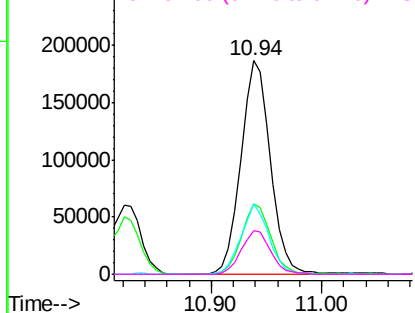
#33
4-Chloroaniline
Concen: 42.378 ng
RT: 10.94 min Scan# 1336
Delta R.T. -0.01 min
Lab File: BG045431.D
Acq: 19 May 2020 19:25

Instrument :
BNA_G
ClientSampleId :

Tot Ion:127	Resp:	351153
Ion Ratio	Lower	Upper
127	100	
129	32.8	24.7 37.1
65	32.8	26.2 39.2
92	20.4	17.9 26.9

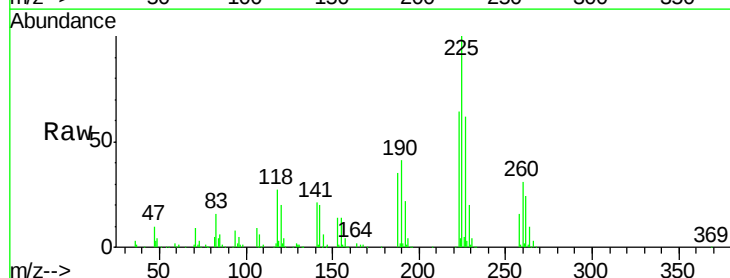


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

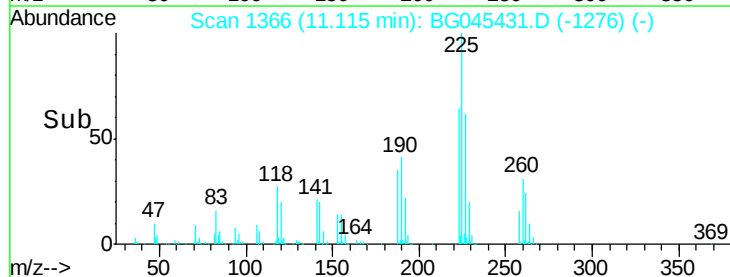
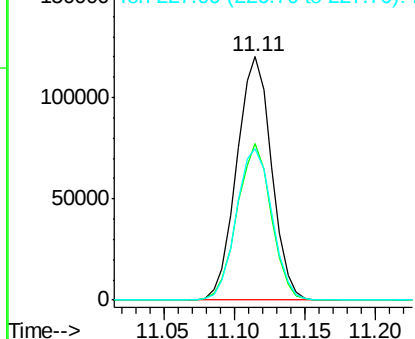


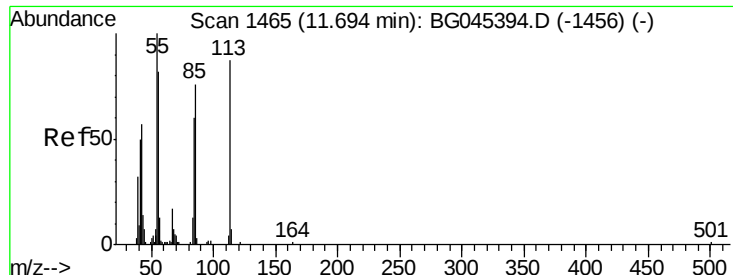
#34
Hexachlorobutadiene
Concen: 39.474 ng
RT: 11.11 min Scan# 1366
Delta R.T. -0.00 min
Lab File: BG045431.D
Acq: 19 May 2020 19:25

Tgt Ion:225	Resp:	206469
Ion Ratio	Lower	Upper
225	100	
223	64.1	49.1 73.7
227	62.4	52.0 78.0



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

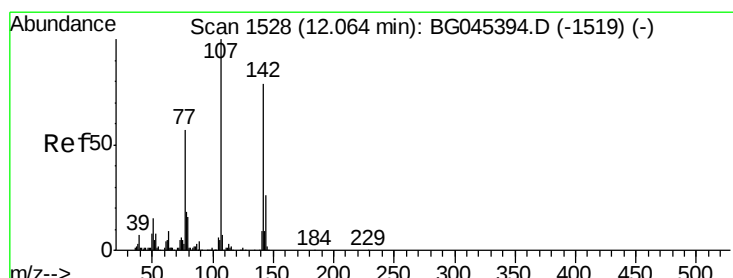
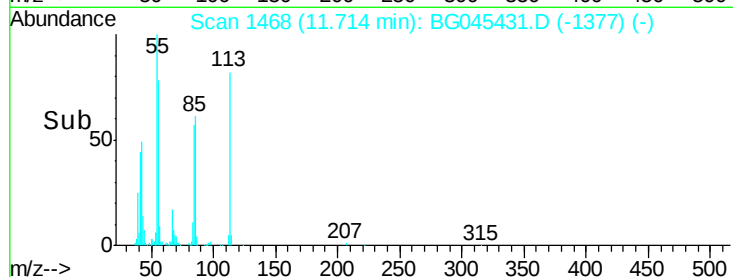
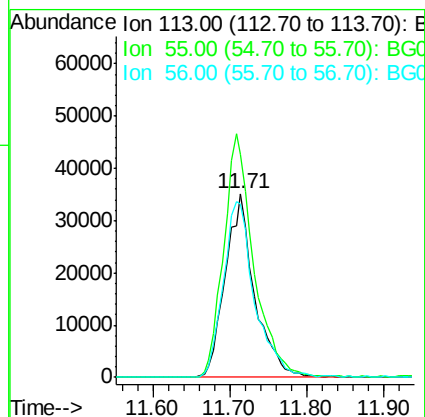
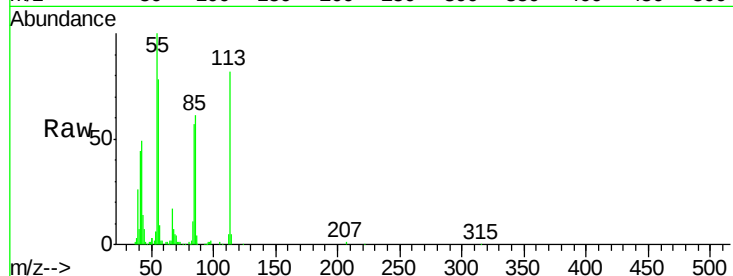




#35
 Caprolactam
 Concen: 40.354 ng
 RT: 11.71 min Scan# 1468
 Delta R.T. 0.01 min
 Lab File: BG045431.D
 Acq: 19 May 2020 19:25

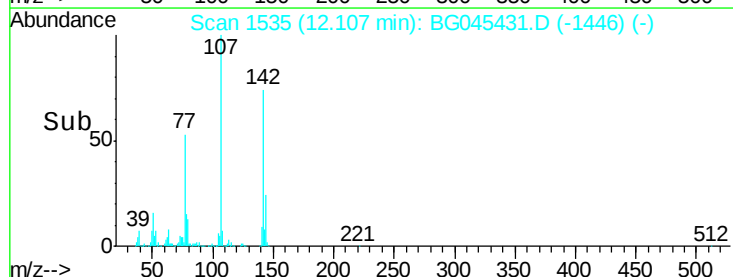
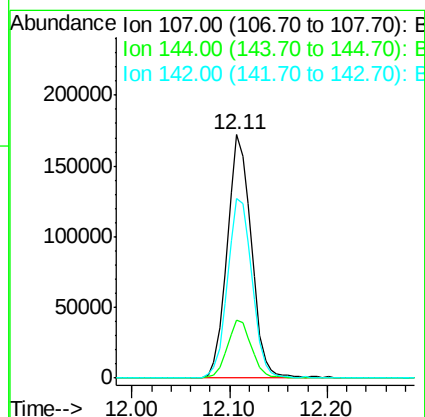
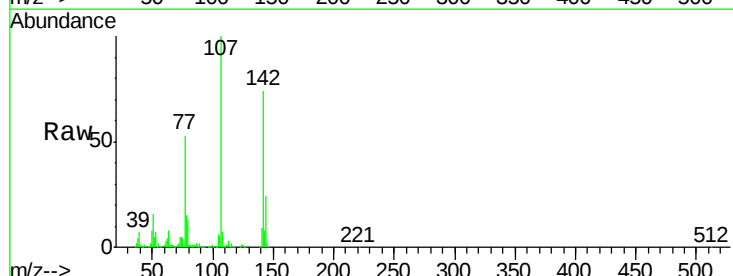
Instrument :
 BNA_G
 ClientSampleId :

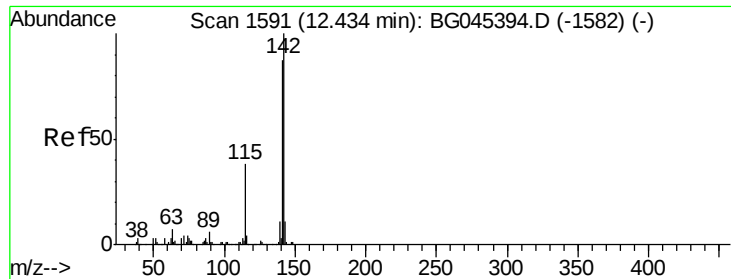
Tot Ion:113 Resp: 92752
 Ion Ratio Lower Upper
 113 100
 55 121.7 96.0 136.0
 56 94.5 75.1 115.1



#36
 4-Chloro-3-methylphenol
 Concen: 41.926 ng
 RT: 12.11 min Scan# 1535
 Delta R.T. -0.01 min
 Lab File: BG045431.D
 Acq: 19 May 2020 19:25

Tgt Ion:107 Resp: 295842
 Ion Ratio Lower Upper
 107 100
 144 23.8 20.8 31.2
 142 73.6 62.8 94.2

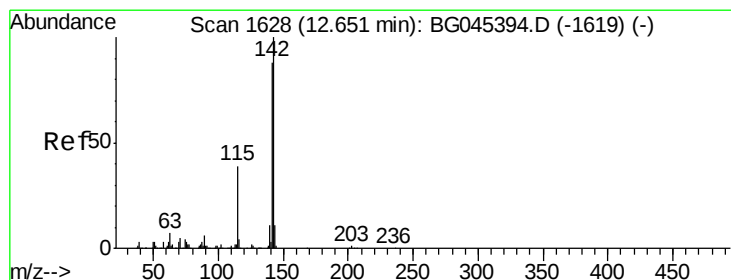
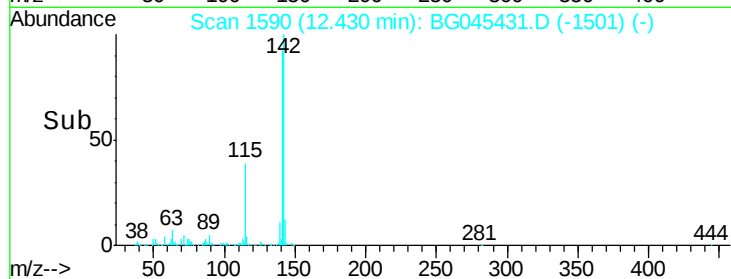
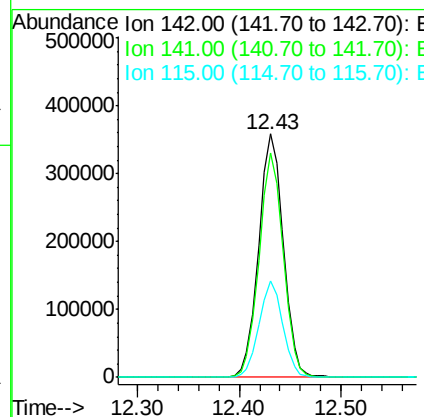
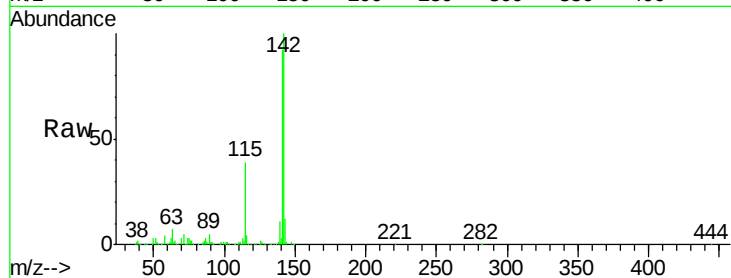




#37
2-Methylnaphthalene
Concen: 40.909 ng
RT: 12.43 min Scan# 1590
Delta R.T. -0.01 min
Lab File: BG045431.D
Acq: 19 May 2020 19:25

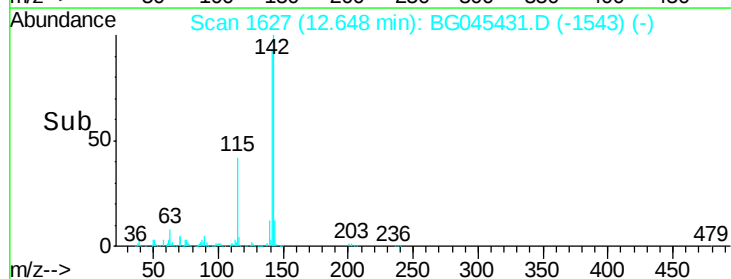
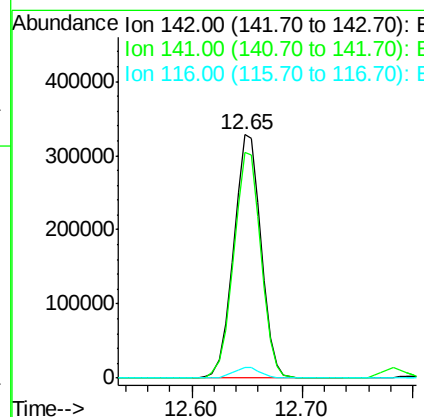
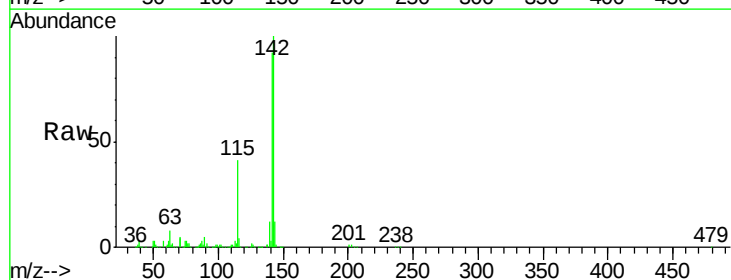
Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	92.1	70.0	105.0
115	39.4	30.8	46.2



#38
1-Methylnaphthalene
Concen: 40.677 ng
RT: 12.65 min Scan# 1627
Delta R.T. -0.01 min
Lab File: BG045431.D
Acq: 19 May 2020 19:25

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.5	70.8	106.2
116	4.3	3.0	4.6

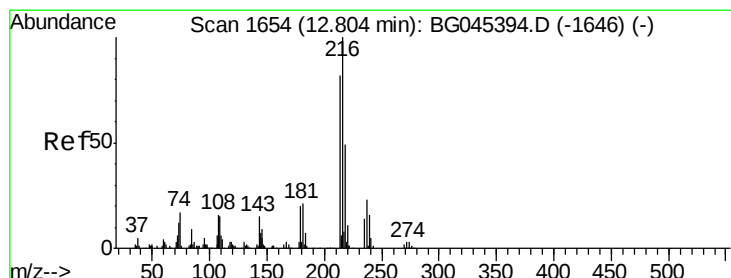
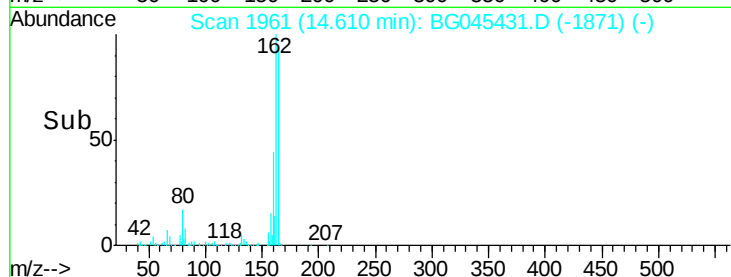
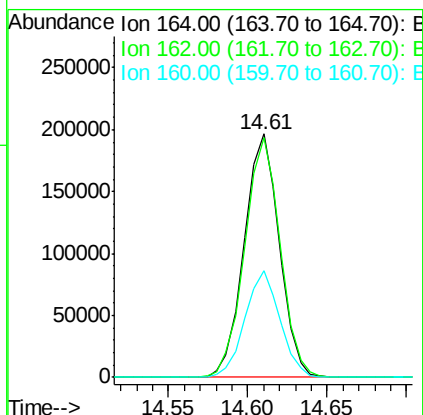
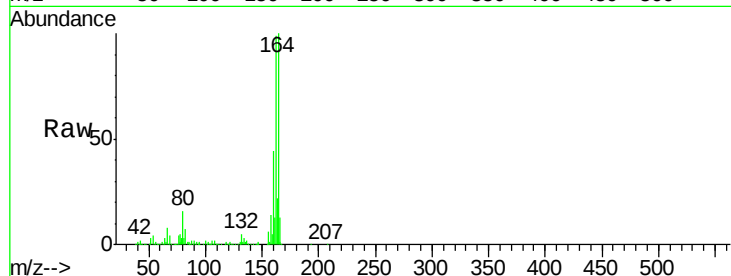




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.61 min Scan# 1961
Delta R.T. -0.00 min
Lab File: BG045431.D
Acq: 19 May 2020 19:25

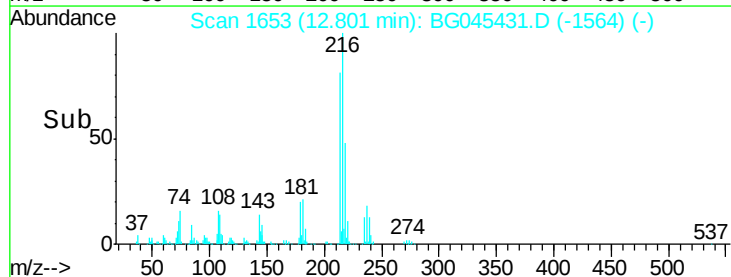
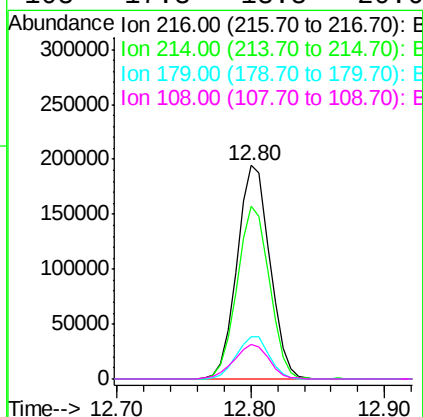
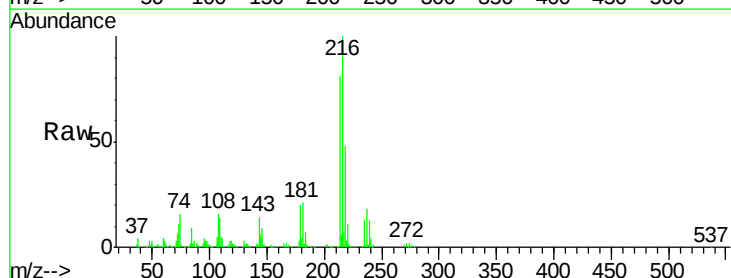
Instrument :
BNA_G
ClientSampleId :

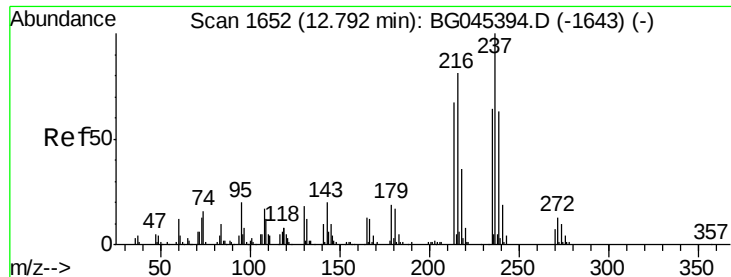
Tot Ion:164 Resp: 303093
Ion Ratio Lower Upper
164 100
162 98.7 76.9 115.3
160 43.6 33.8 50.8



#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.066 ng
RT: 12.80 min Scan# 1653
Delta R.T. -0.01 min
Lab File: BG045431.D
Acq: 19 May 2020 19:25

Tgt Ion:216 Resp: 330730
Ion Ratio Lower Upper
216 100
214 79.9 63.7 95.5
179 19.7 16.1 24.1
108 17.3 13.8 20.6





#41

Hexachlorocyclopentadiene

Concen: 39.660 ng

RT: 12.78 min Scan# 1650

Delta R.T. -0.01 min

Lab File: BG045431.D

Acq: 19 May 2020 19:25

Instrument :

BNA_G

ClientSampleId :

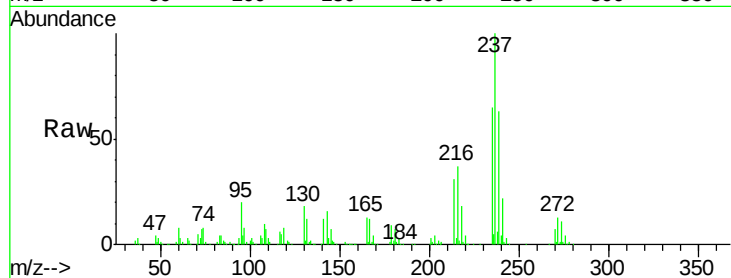
Tot Ion:237 Resp: 193792

Ion Ratio Lower Upper

237 100

235 64.6 44.4 84.4

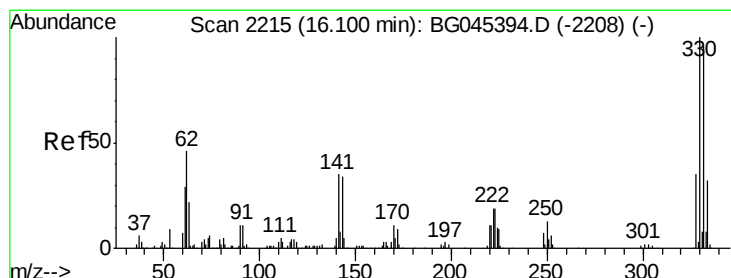
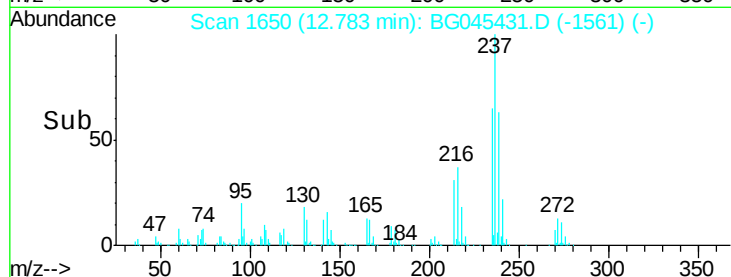
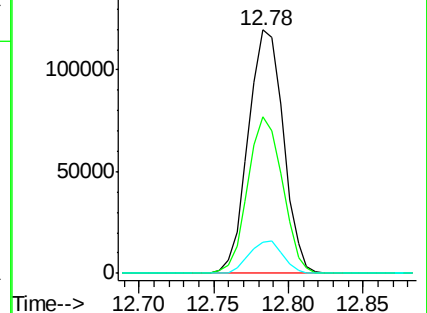
272 12.9 0.0 32.5



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 75.367 ng

RT: 16.11 min Scan# 2216

Delta R.T. -0.00 min

Lab File: BG045431.D

Acq: 19 May 2020 19:25

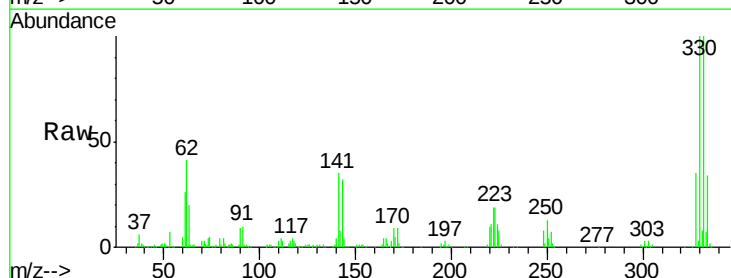
Tgt Ion:330 Resp: 292139

Ion Ratio Lower Upper

330 100

332 97.9 78.2 117.4

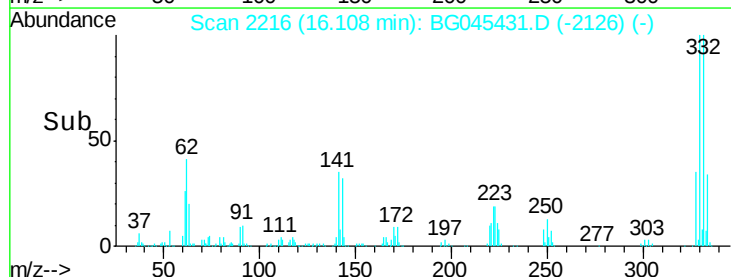
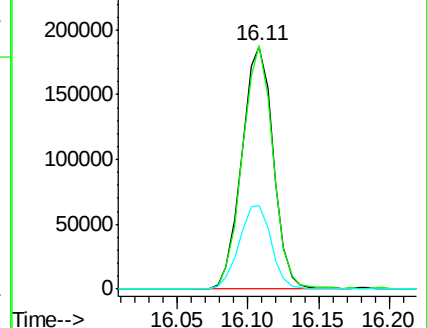
141 35.1 28.2 42.4

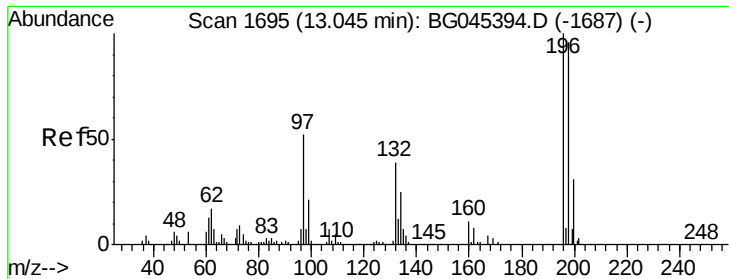


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

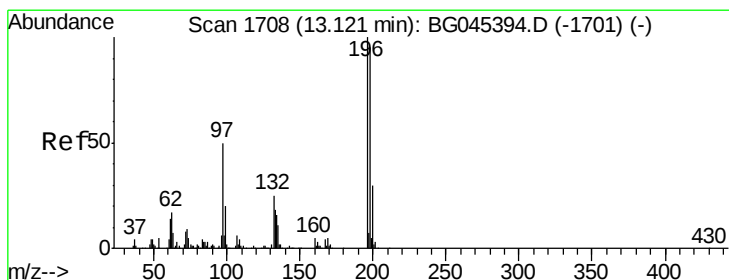
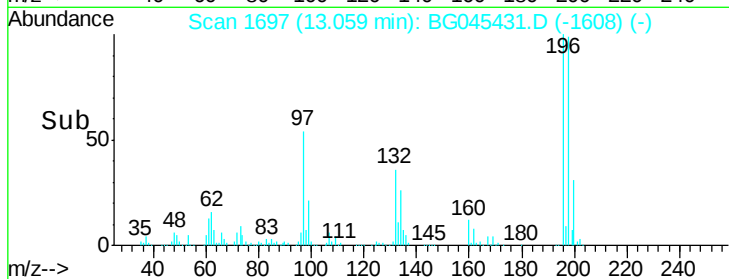
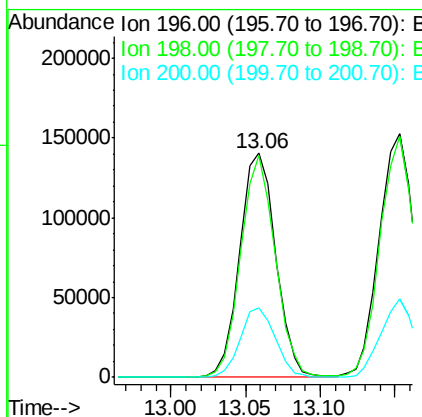
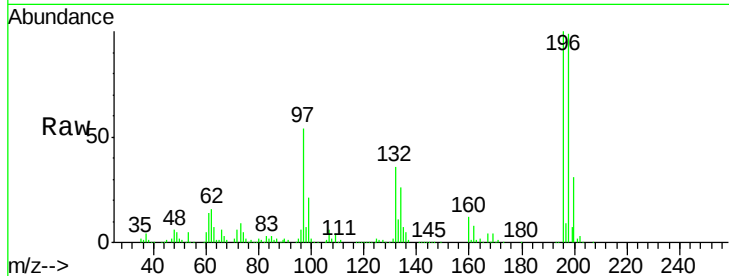




#43
 2,4,6-Trichlorophenol
 Concen: 40.105 ng
 RT: 13.06 min Scan# 1697
 Delta R.T. -0.01 min
 Lab File: BG045431.D
 Acq: 19 May 2020 19:25

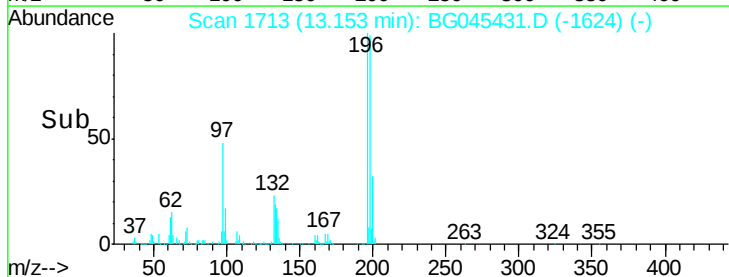
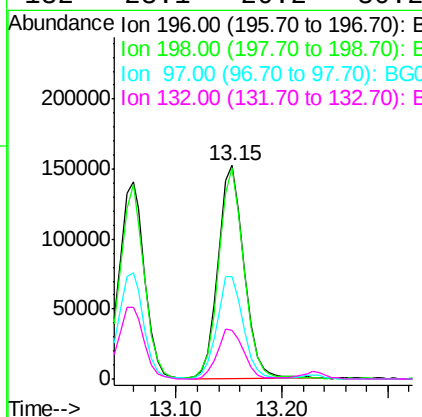
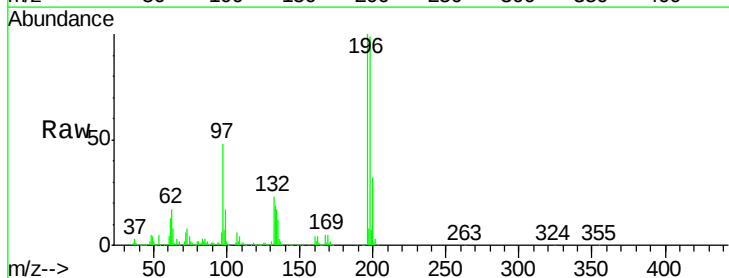
Instrument :
 BNA_G
 ClientSampleId :

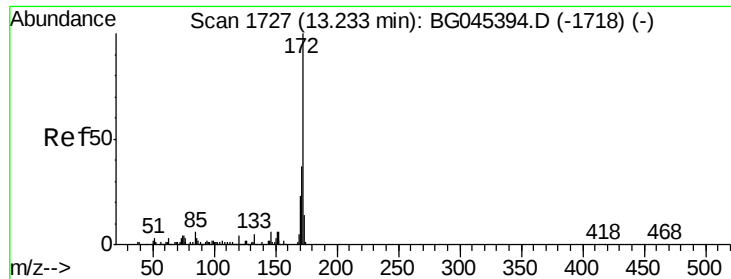
Tot Ion:196 Resp: 235855
 Ion Ratio Lower Upper
 196 100
 198 98.7 76.7 115.1
 200 30.8 24.9 37.3



#44
 2,4,5-Trichlorophenol
 Concen: 38.879 ng
 RT: 13.15 min Scan# 1713
 Delta R.T. -0.01 min
 Lab File: BG045431.D
 Acq: 19 May 2020 19:25

Tgt Ion:196 Resp: 261282
 Ion Ratio Lower Upper
 196 100
 198 98.9 76.1 114.1
 97 48.1 40.0 60.0
 132 23.1 20.2 30.2

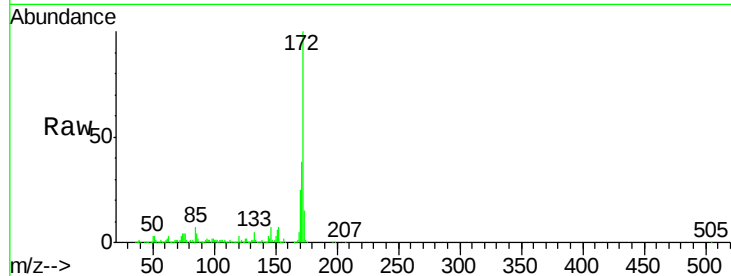




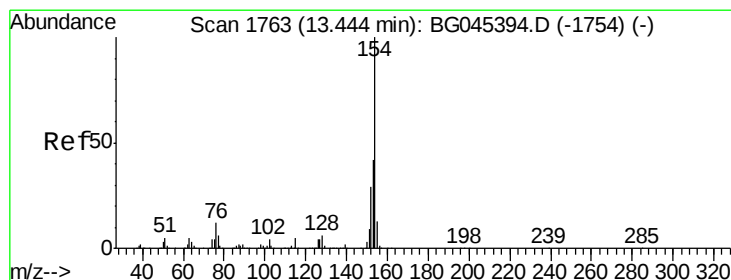
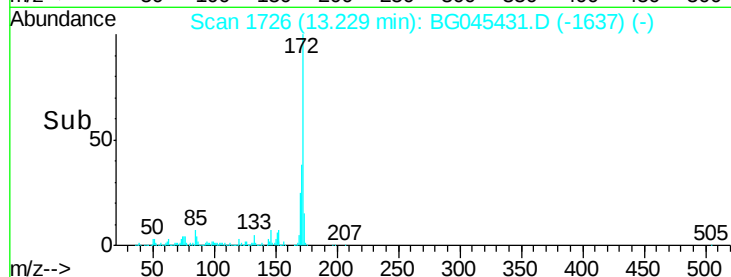
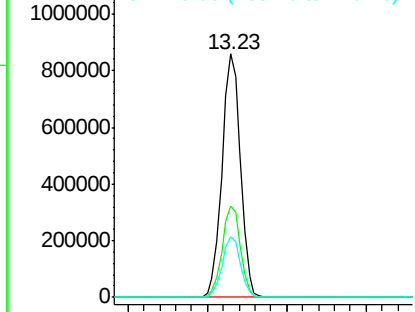
#45
2-Fluorobiphenyl
Concen: 77.207 ng
RT: 13.23 min Scan# 1726
Delta R.T. -0.01 min
Lab File: BG045431.D
Acq: 19 May 2020 19:25

Instrument :
BNA_G
ClientSampleId :

Tot Ion:172 Resp: 1379605
Ion Ratio Lower Upper
172 100
171 37.8 29.5 44.3
170 25.1 18.5 27.7

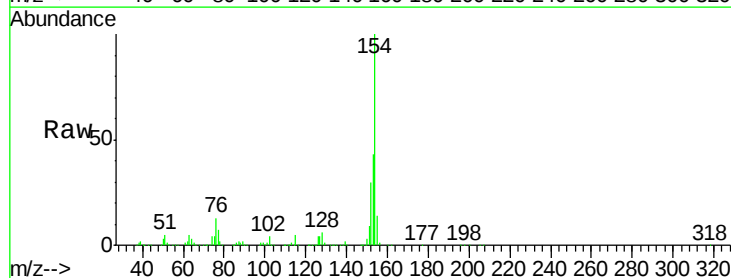


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

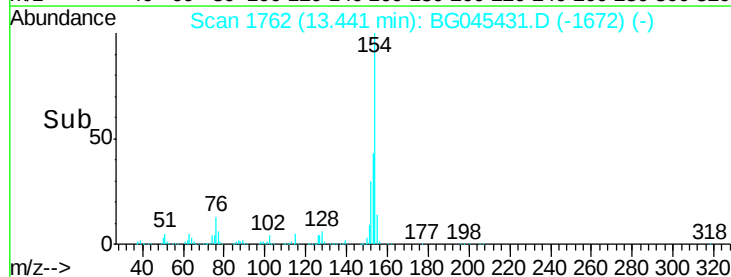
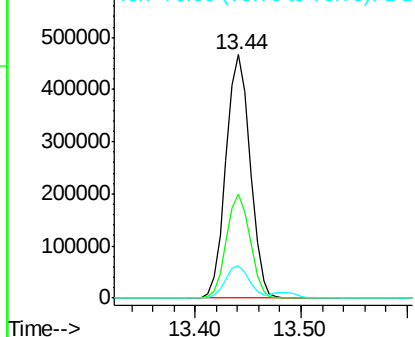


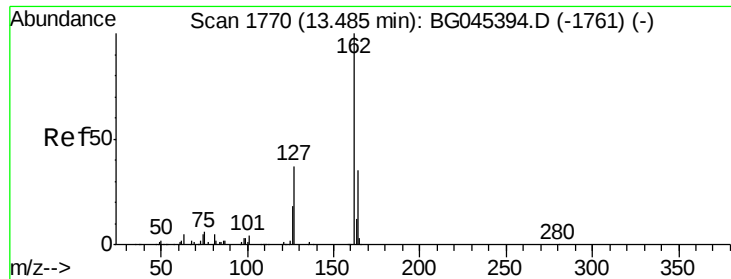
#46
1,1'-Biphenyl
Concen: 39.723 ng
RT: 13.44 min Scan# 1762
Delta R.T. -0.00 min
Lab File: BG045431.D
Acq: 19 May 2020 19:25

Tgt Ion:154 Resp: 739784
Ion Ratio Lower Upper
154 100
153 42.9 22.2 62.2
76 13.5 0.0 32.4



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BG

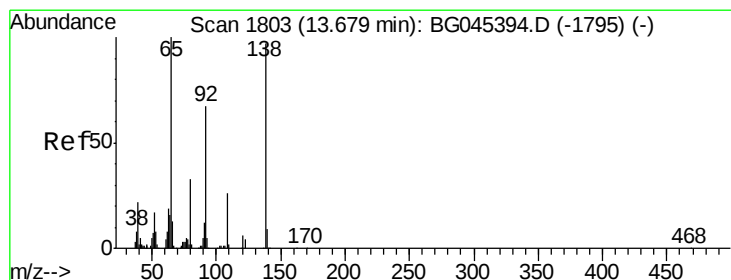
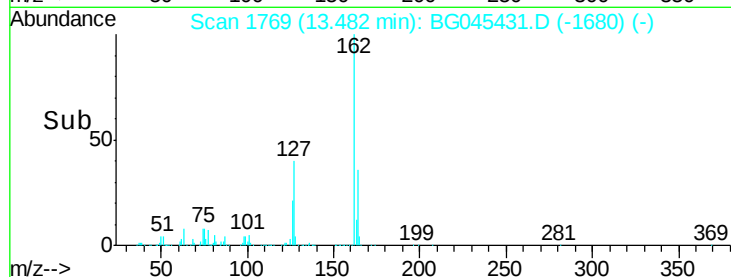
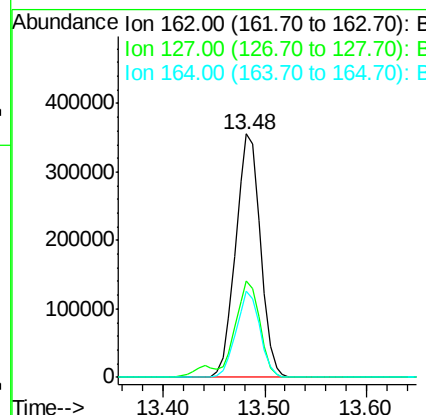
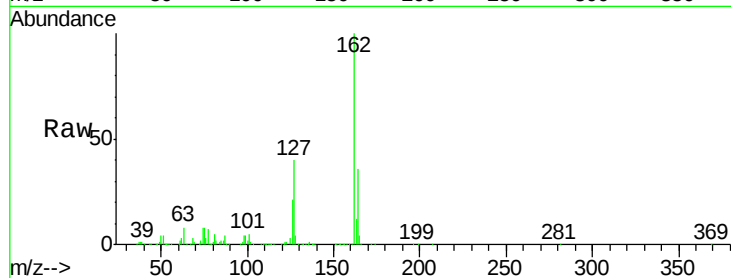




#47
2-Chloronaphthalene
Concen: 39.721 ng
RT: 13.48 min Scan# 1769
Delta R.T. -0.01 min
Lab File: BG045431.D
Acq: 19 May 2020 19:25

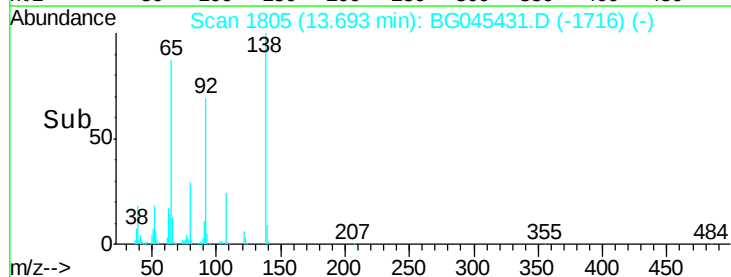
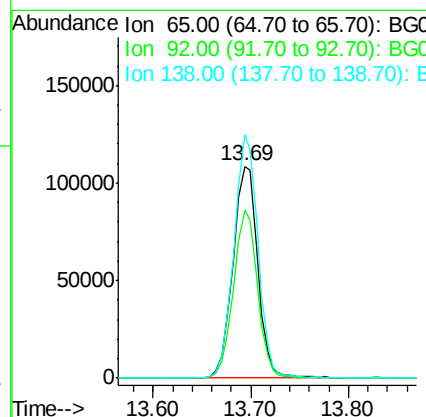
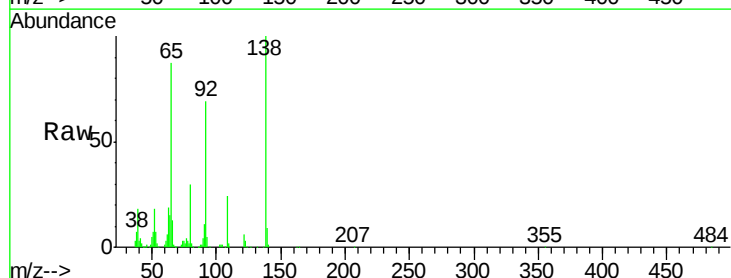
Instrument :
BNA_G
ClientSampleId :

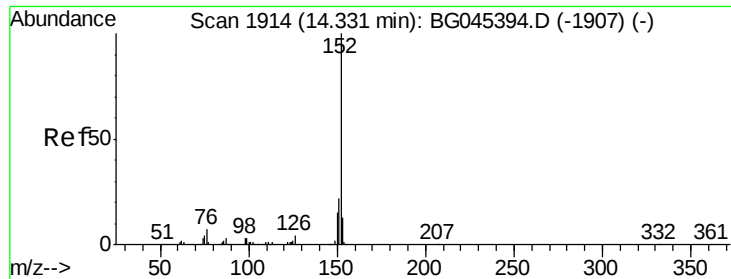
Tot Ion	Ratio	Lower	Upper
162	100		
127	39.6	31.6	47.4
164	35.6	28.1	42.1



#48
2-Nitroaniline
Concen: 38.505 ng
RT: 13.69 min Scan# 1805
Delta R.T. -0.01 min
Lab File: BG045431.D
Acq: 19 May 2020 19:25

Tgt Ion	Ratio	Lower	Upper
65	100		
92	79.1	53.8	80.8
138	114.8	77.9	116.9





#49

Acenaphthylene

Concen: 39.871 ng

RT: 14.33 min Scan# 1913

Delta R.T. -0.01 min

Lab File: BG045431.D

Acq: 19 May 2020 19:25

Instrument :

BNA_G

ClientSampleId :

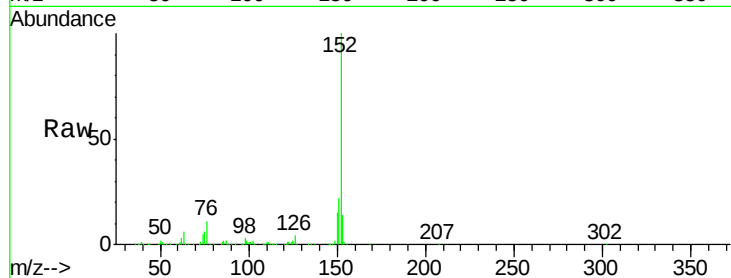
Tot Ion:152 Resp: 968539

Ion Ratio Lower Upper

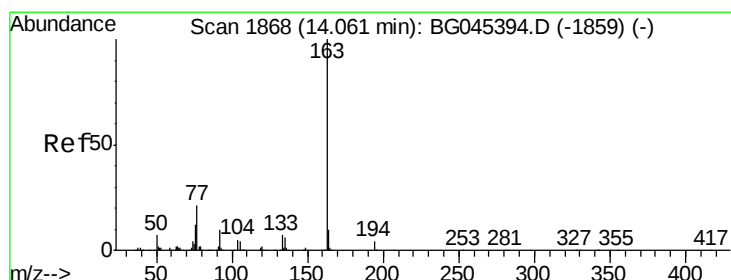
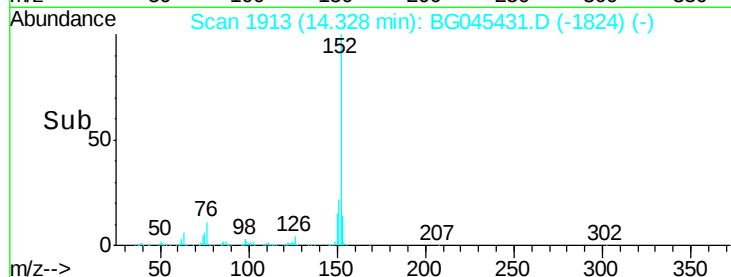
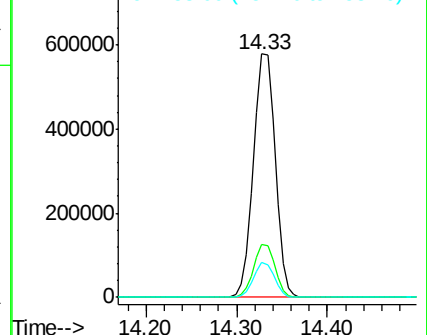
152 100

151 21.6 17.4 26.2

153 14.4 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: 38.480 ng

RT: 14.06 min Scan# 1868

Delta R.T. -0.01 min

Lab File: BG045431.D

Acq: 19 May 2020 19:25

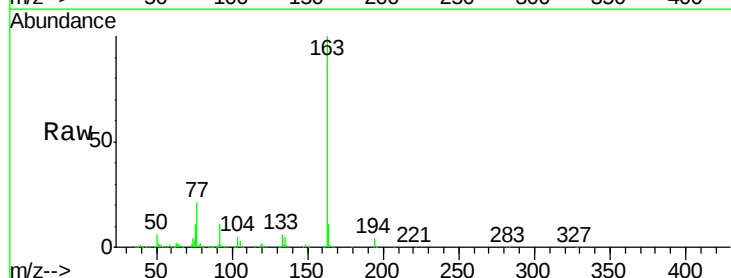
Tgt Ion:163 Resp: 800081

Ion Ratio Lower Upper

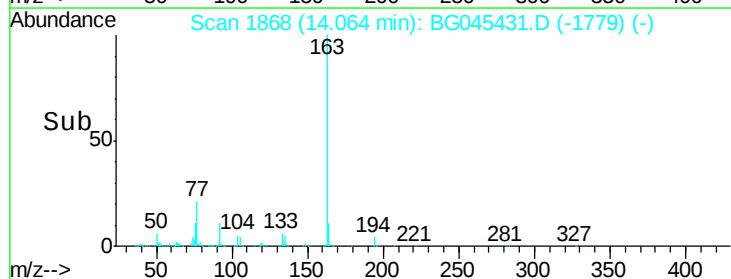
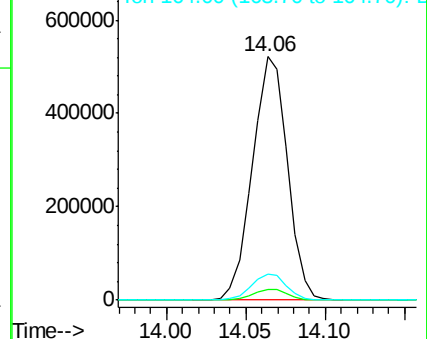
163 100

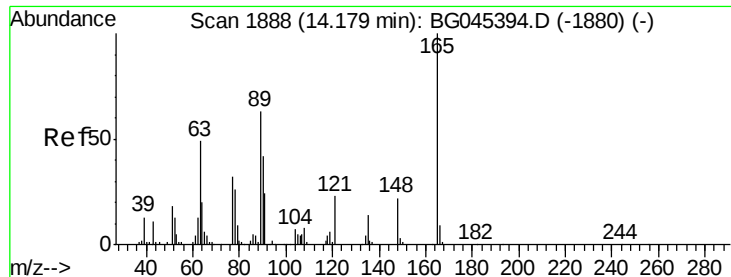
194 4.2 3.2 4.8

164 10.9 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

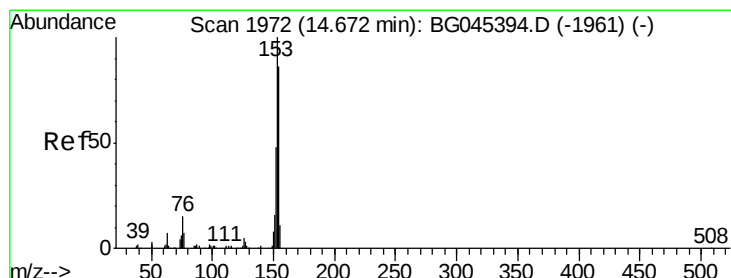
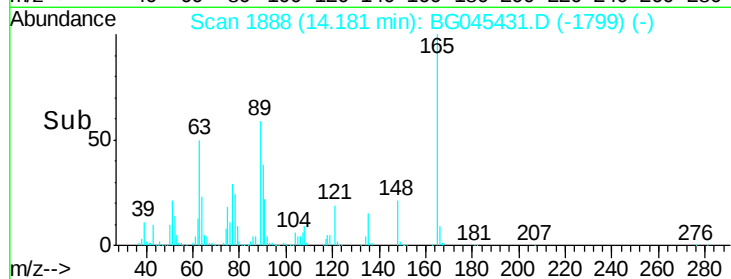
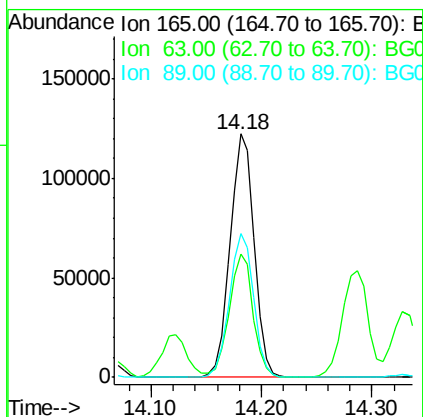
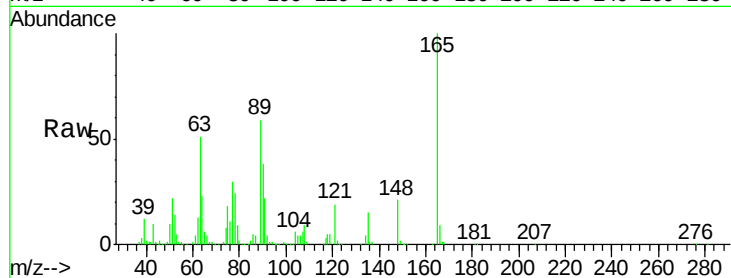




#51
 2,6-Dinitrotoluene
 Concen: 39.880 ng
 RT: 14.18 min Scan# 1888
 Delta R.T. -0.01 min
 Lab File: BG045431.D
 Acq: 19 May 2020 19:25

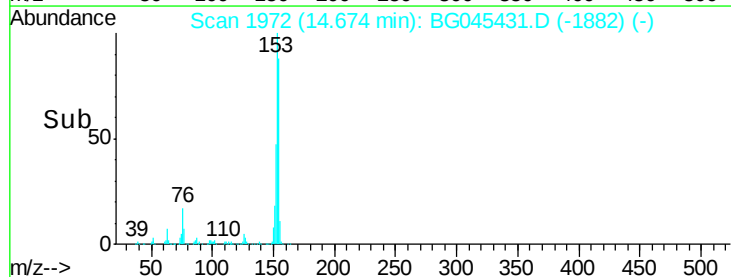
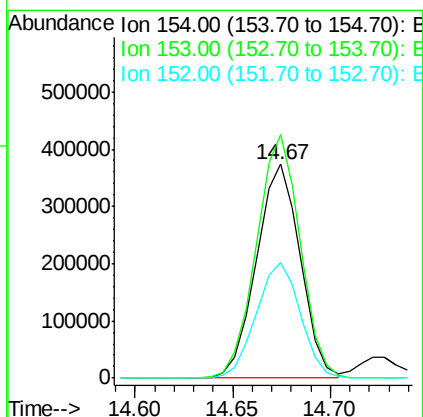
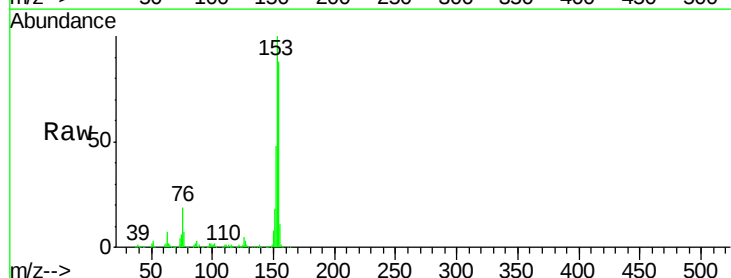
Instrument :
 BNA_G
 ClientSampleId :

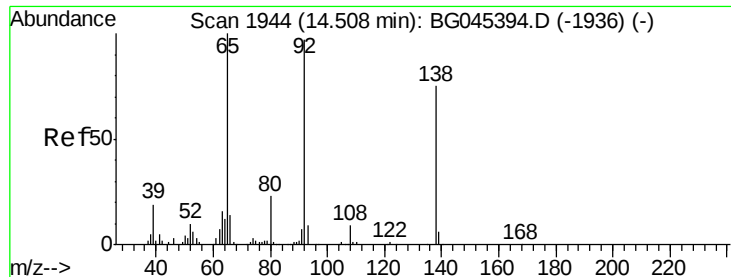
Tot Ion:165 Resp: 187103
 Ion Ratio Lower Upper
 165 100
 63 50.6 45.0 67.4
 89 59.2 50.2 75.4



#52
 Acenaphthene
 Concen: 35.644 ng
 RT: 14.67 min Scan# 1972
 Delta R.T. -0.00 min
 Lab File: BG045431.D
 Acq: 19 May 2020 19:25

Tgt Ion:154 Resp: 579587
 Ion Ratio Lower Upper
 154 100
 153 113.7 92.8 139.2
 152 54.1 44.6 66.8

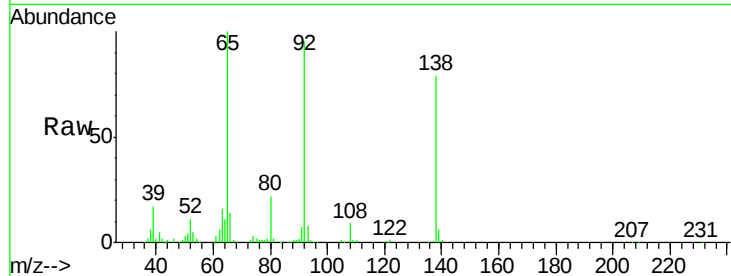




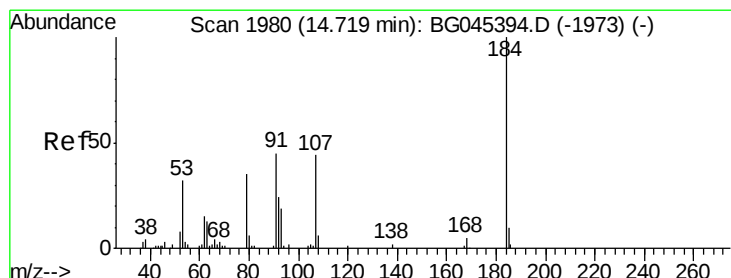
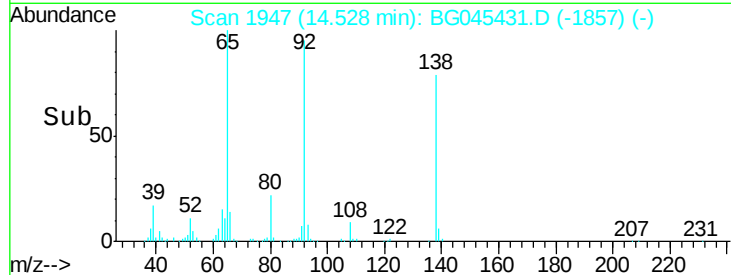
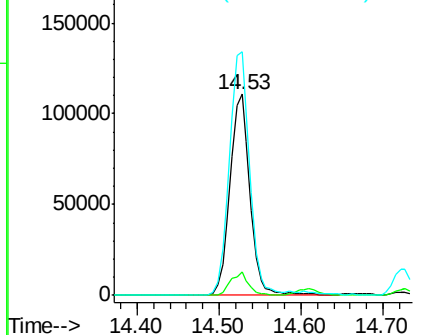
#53
3-Nitroaniline
Concen: 39.750 ng
RT: 14.53 min Scan# 1947
Delta R.T. -0.00 min
Lab File: BG045431.D
Acq: 19 May 2020 19:25

Instrument :
BNA_G
ClientSampleId :

Tot Ion:138 Resp: 189581
Ion Ratio Lower Upper
138 100
108 11.5 9.8 14.6
92 121.0 103.0 154.4

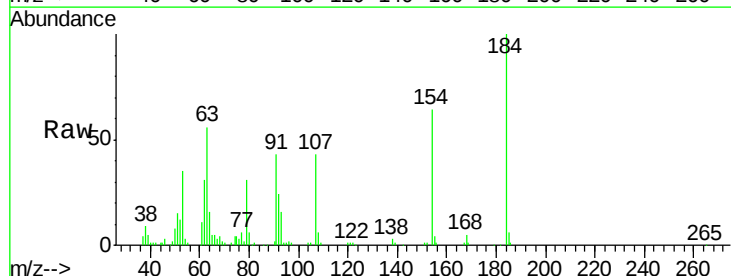


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): B

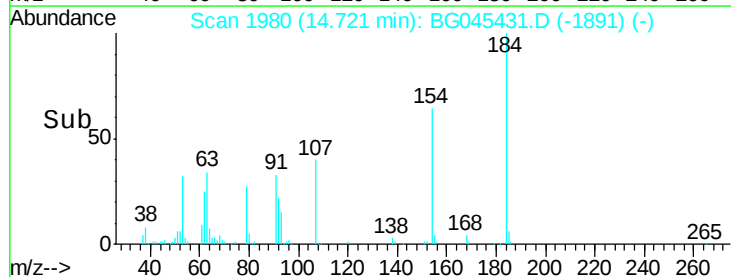
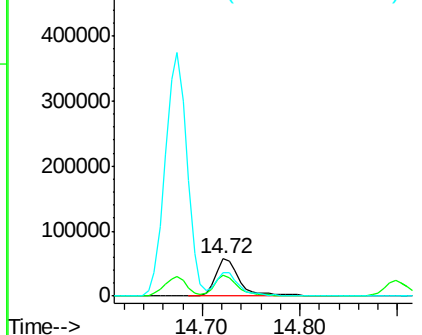


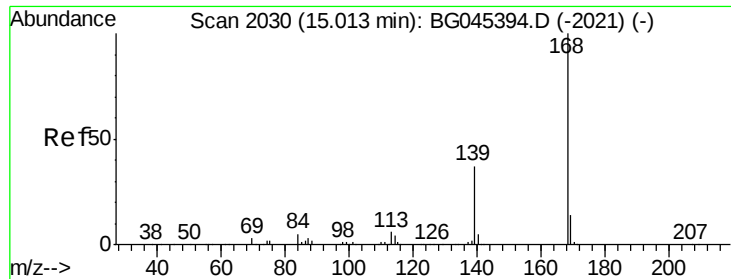
#54
2,4-Dinitrophenol
Concen: 35.763 ng
RT: 14.72 min Scan# 1980
Delta R.T. -0.01 min
Lab File: BG045431.D
Acq: 19 May 2020 19:25

Tgt Ion:184 Resp: 99956
Ion Ratio Lower Upper
184 100
63 56.4 47.8 71.6
154 63.6 58.3 87.5



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): B
Ion 154.00 (153.70 to 154.70): E

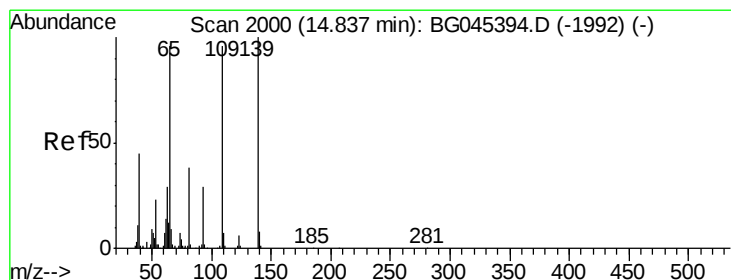
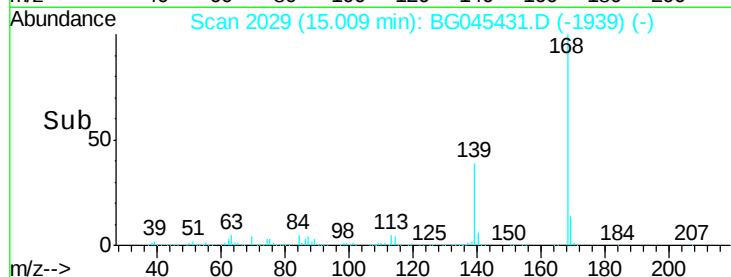
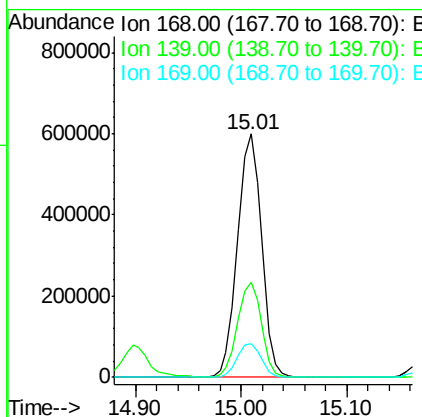
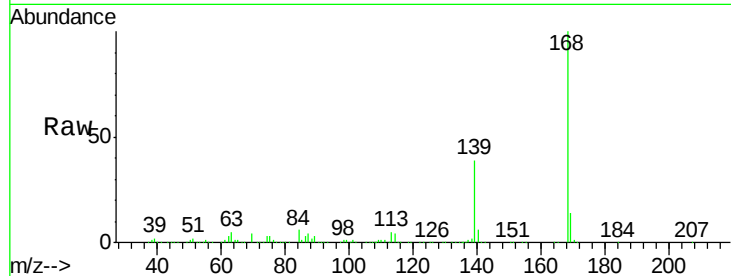




#55
Dibenzofuran
Concen: 38.979 ng
RT: 15.01 min Scan# 2029
Delta R.T. -0.00 min
Lab File: BG045431.D
Acq: 19 May 2020 19:25

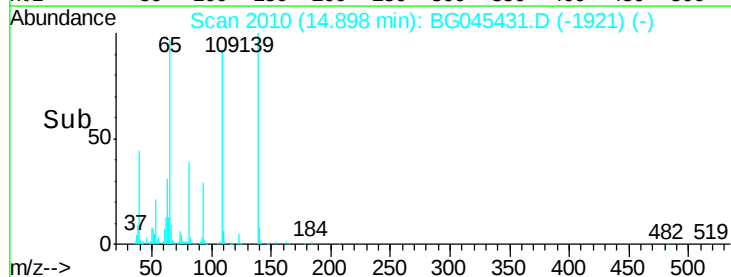
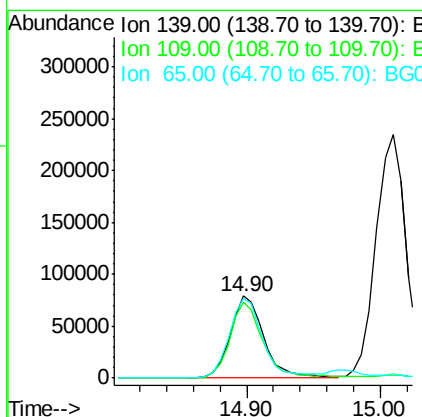
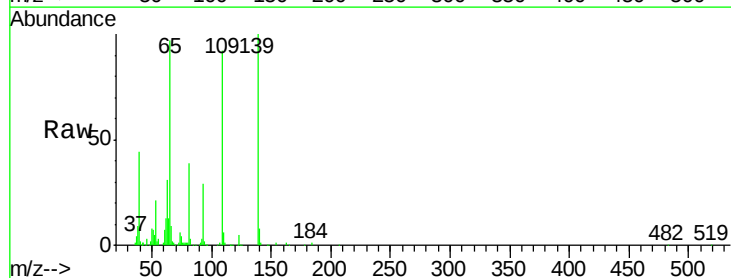
Instrument :
BNA_G
ClientSampleId :

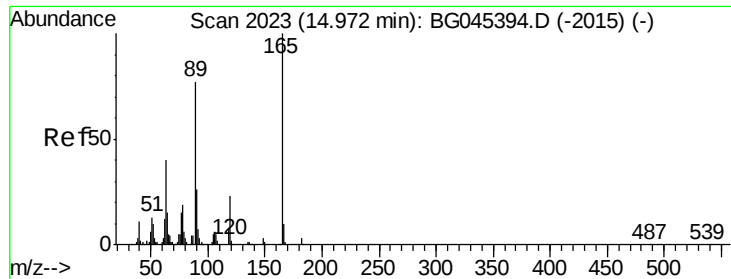
Tot Ion	Ratio	Lower	Upper
168	100		
139	39.1	29.9	44.9
169	14.1	10.9	16.3



#56
4-Nitrophenol
Concen: 38.769 ng
RT: 14.90 min Scan# 2010
Delta R.T. -0.01 min
Lab File: BG045431.D
Acq: 19 May 2020 19:25

Tgt Ion	Ratio	Lower	Upper
139	100		
109	91.9	75.6	115.6
65	96.6	76.8	116.8

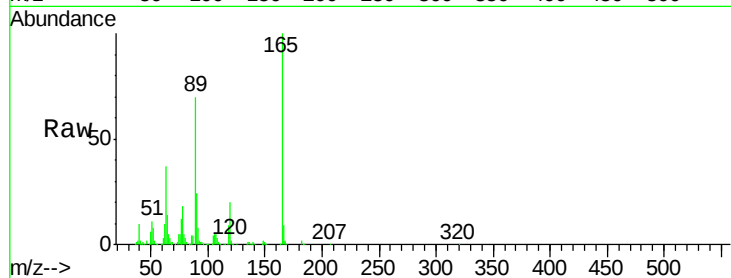




#57
2,4-Dinitrotoluene
Concen: 39.054 ng
RT: 14.97 min Scan# 2023
Delta R.T. -0.00 min
Lab File: BG045431.D
Acq: 19 May 2020 19:25

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	37.1	32.5	48.7
89	70.5	61.8	92.6
182	2.3	2.3	3.5

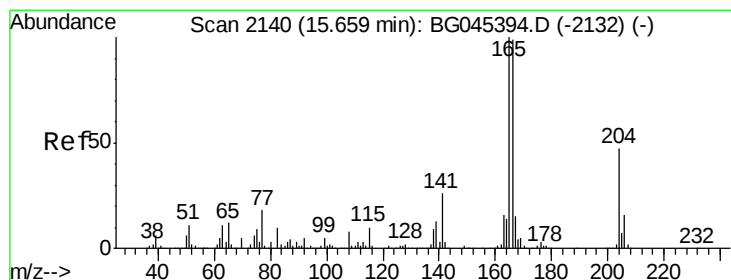
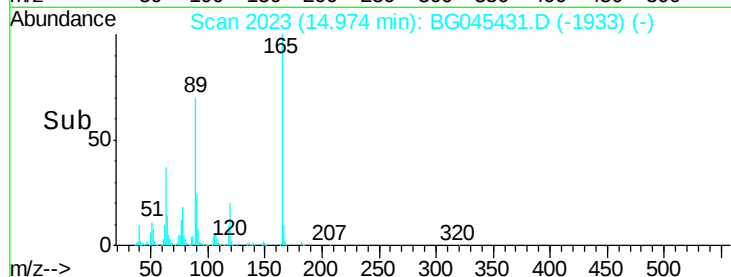
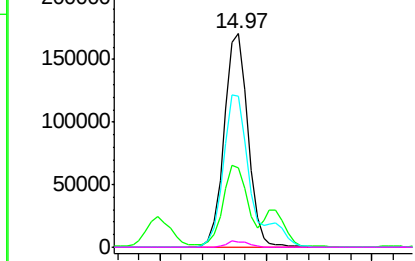


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): B

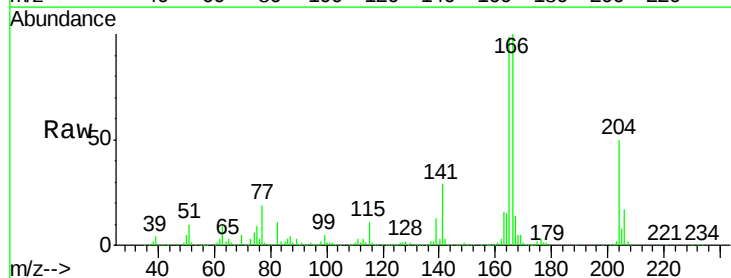
Ion 89.00 (88.70 to 89.70): B

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 39.203 ng
RT: 15.66 min Scan# 2139
Delta R.T. -0.01 min
Lab File: BG045431.D
Acq: 19 May 2020 19:25

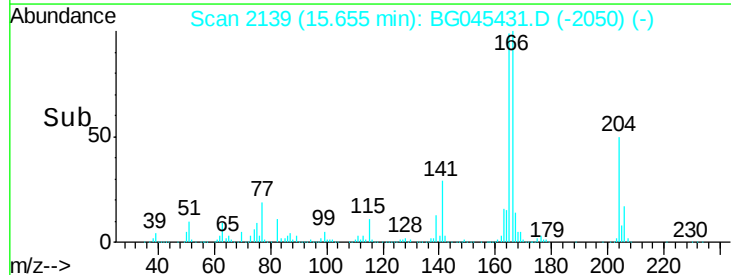
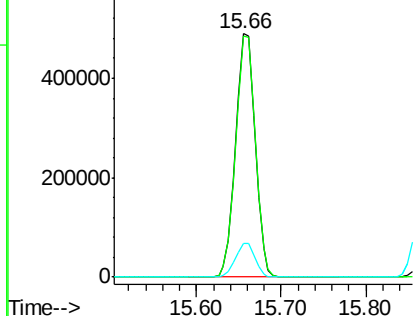
Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.1	80.8	121.2
167	14.0	12.0	18.0

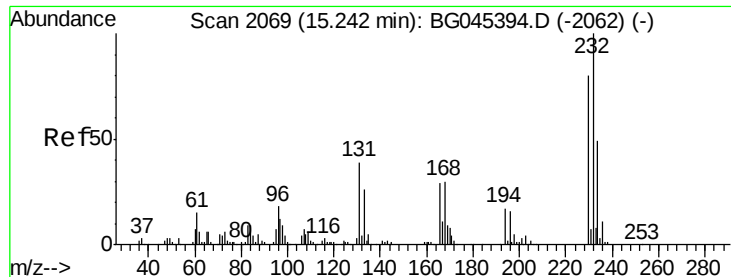


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

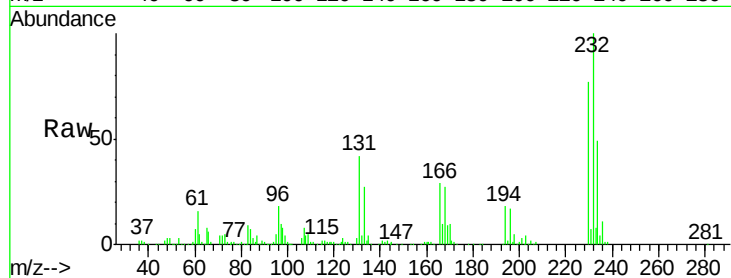




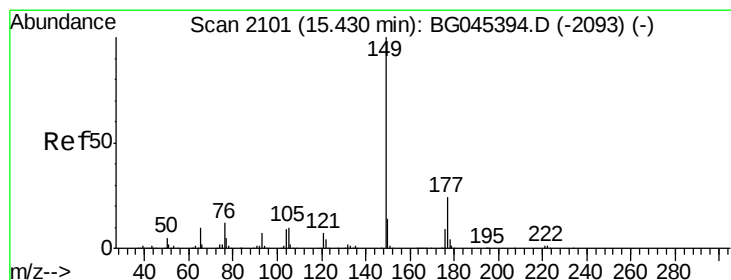
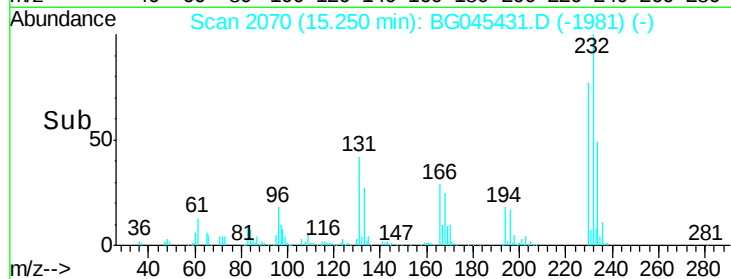
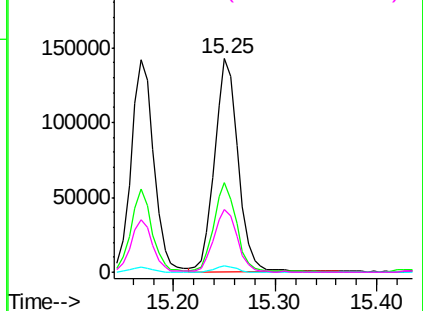
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 38.766 ng
 RT: 15.25 min Scan# 2070
 Delta R.T. -0.01 min
 Lab File: BG045431.D
 Acq: 19 May 2020 19:25

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:232	Resp:	229198
Ion Ratio	Lower	Upper
232	100	
131	40.9	33.7 50.5
130	2.8	2.1 3.1
166	28.9	23.2 34.8

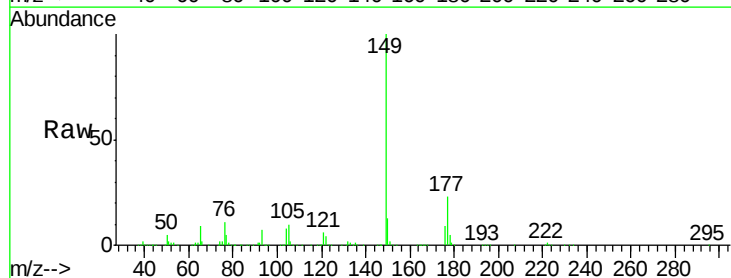


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

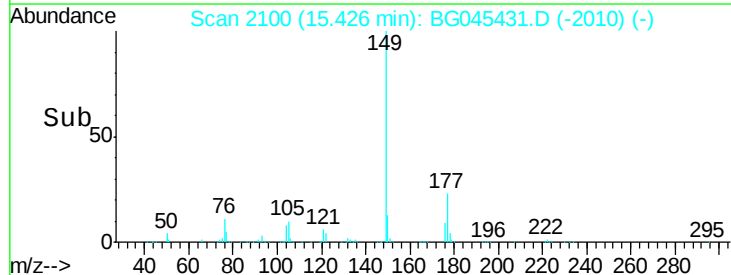
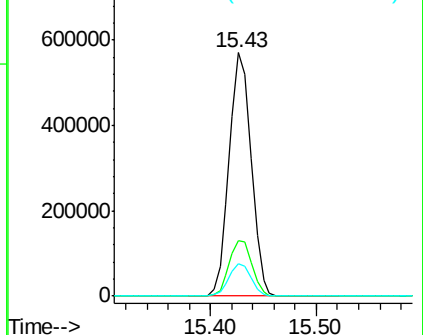


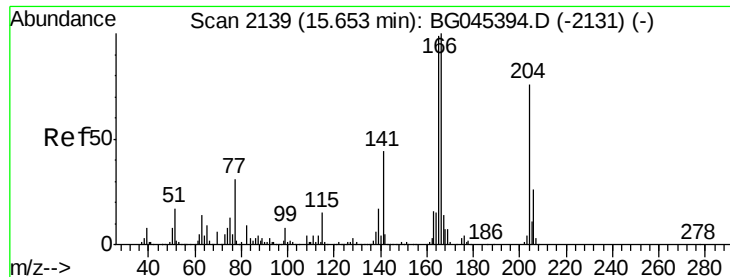
#60
 Diethylphthalate
 Concen: 37.974 ng
 RT: 15.43 min Scan# 2100
 Delta R.T. -0.00 min
 Lab File: BG045431.D
 Acq: 19 May 2020 19:25

Tgt Ion:149	Resp:	821787
Ion Ratio	Lower	Upper
149	100	
177	22.9	19.0 28.4
150	13.5	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: 38.751 ng

RT: 15.65 min Scan# 2138

Delta R.T. -0.00 min

Lab File: BG045431.D

Acq: 19 May 2020 19:25

Instrument :

BNA_G

ClientSampleId :

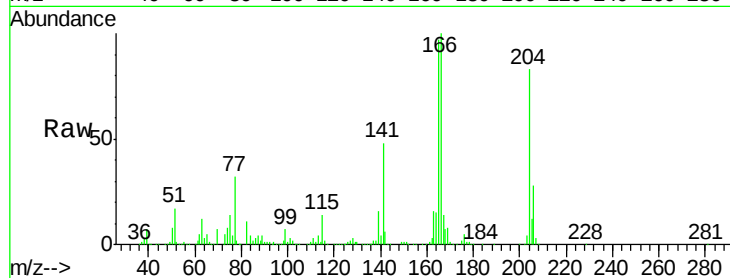
Tot Ion:204 Resp: 439901

Ion Ratio Lower Upper

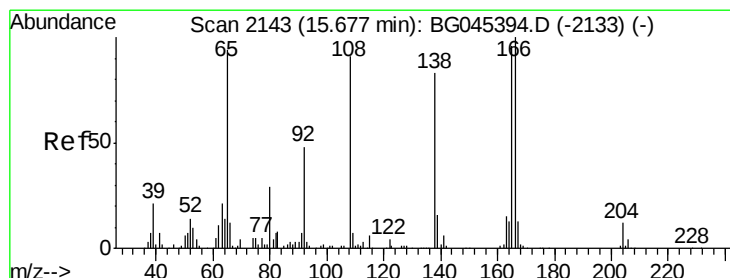
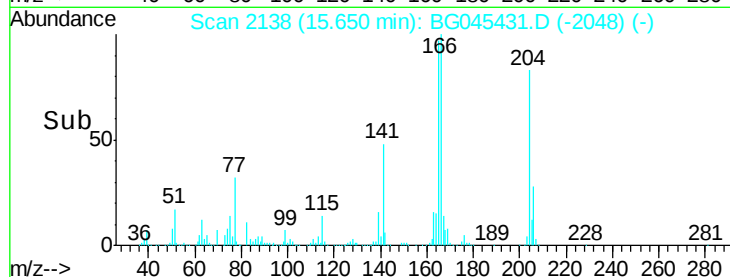
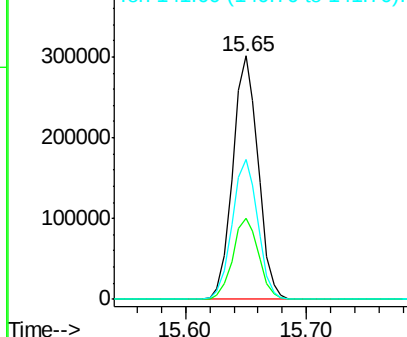
204 100

206 33.2 27.3 40.9

141 57.4 45.9 68.9



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



#62

4-Nitroaniline

Concen: 39.895 ng

RT: 15.69 min Scan# 2145

Delta R.T. -0.01 min

Lab File: BG045431.D

Acq: 19 May 2020 19:25

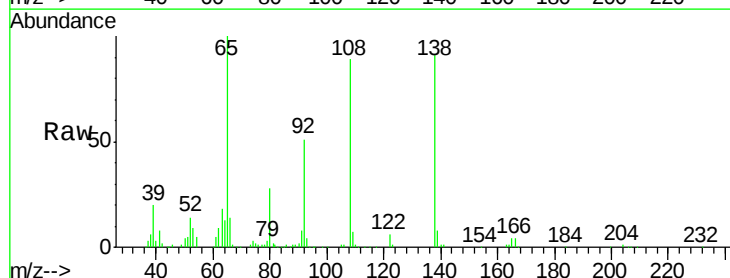
Tgt Ion:138 Resp: 198637

Ion Ratio Lower Upper

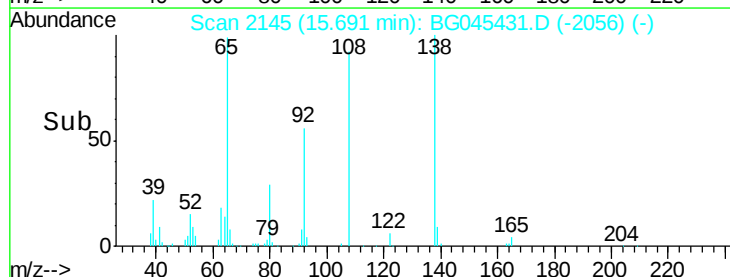
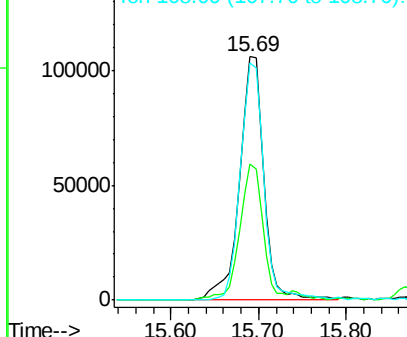
138 100

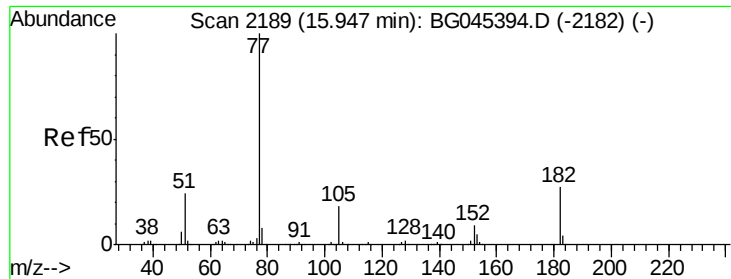
92 55.7 38.0 78.0

108 97.3 89.3 129.3



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





#63

Azobenzene

Concen: 38.270 ng

RT: 15.94 min Scan# 2188

Delta R.T. -0.00 min

Lab File: BG045431.D

Acq: 19 May 2020 19:25

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 772253

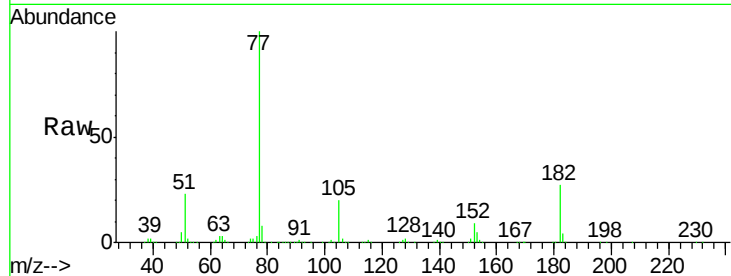
Ion Ratio Lower Upper

77 100

182 26.7 6.5 46.5

105 19.6 0.0 37.9

51 23.2 4.1 44.1

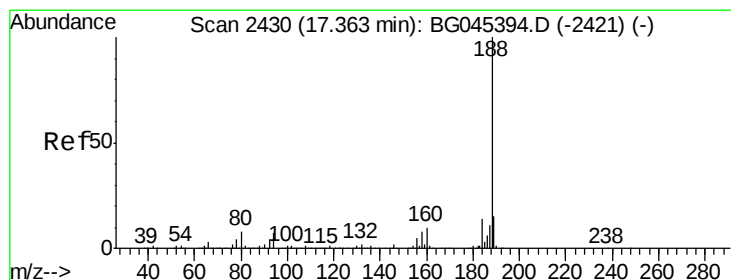
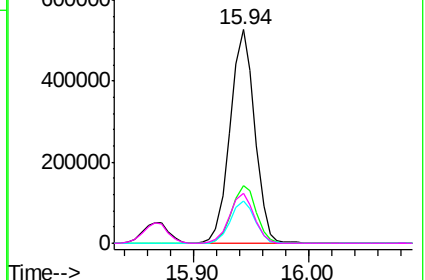
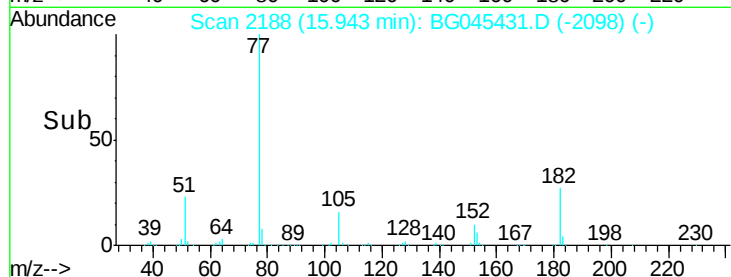


Abundance Ion 77.00 (76.70 to 77.70): BGC

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. -0.01 min

Lab File: BG045431.D

Acq: 19 May 2020 19:25

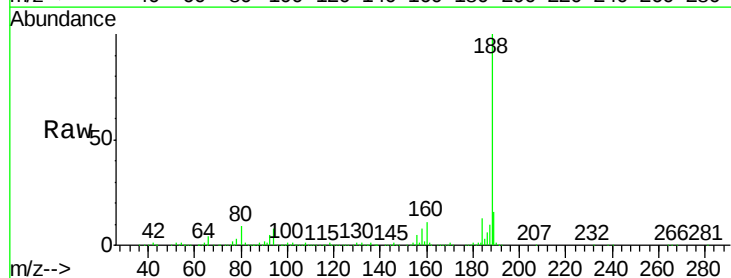
Tgt Ion: 188 Resp: 697077

Ion Ratio Lower Upper

188 100

94 7.9 5.5 8.3

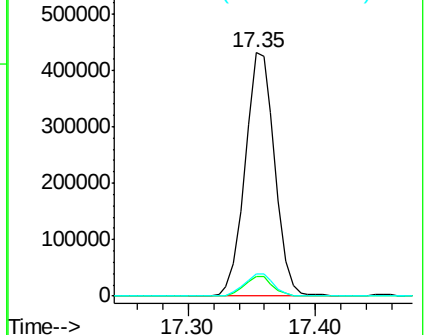
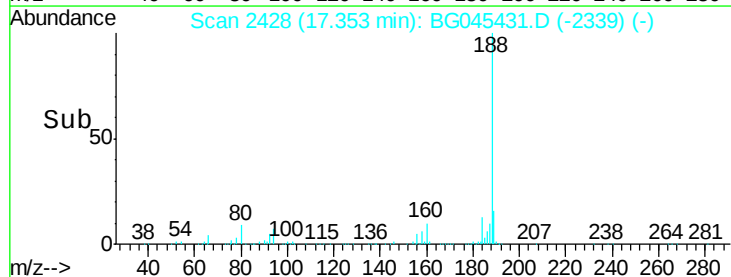
80 9.3 6.6 10.0

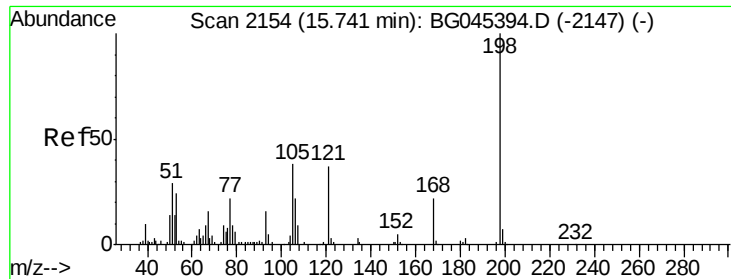


Abundance Ion 188.00 (187.70 to 188.70): BGC

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: 39.188 ng

RT: 15.74 min Scan# 2154

Delta R.T. -0.00 min

Lab File: BG045431.D

Acq: 19 May 2020 19:25

Instrument :

BNA_G

ClientSampled :

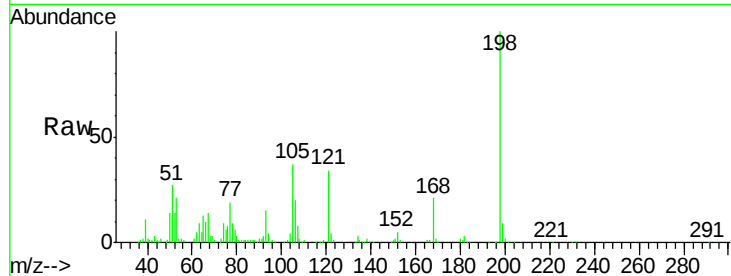
Tot Ion:198 Resp: 159095

Ion Ratio Lower Upper

198 100

51 27.4 10.0 50.0

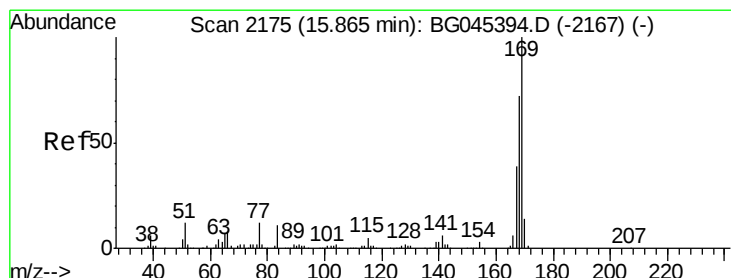
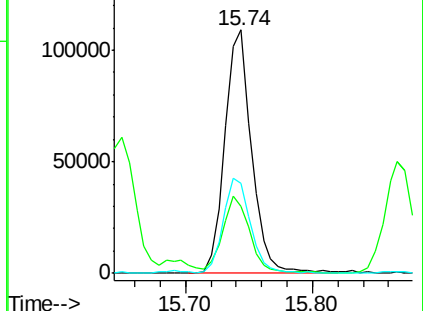
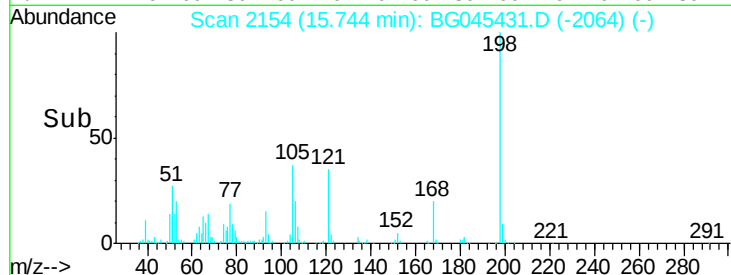
105 36.9 18.9 58.9



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 40.864 ng

RT: 15.87 min Scan# 2175

Delta R.T. -0.01 min

Lab File: BG045431.D

Acq: 19 May 2020 19:25

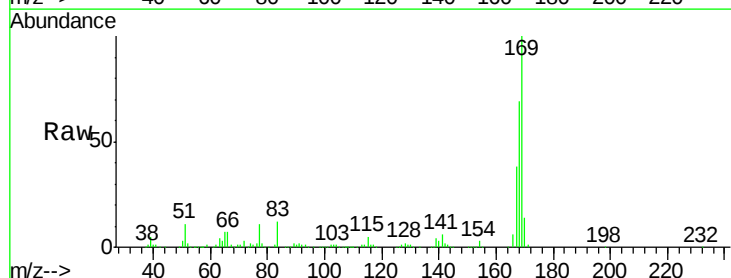
Tgt Ion:169 Resp: 683926

Ion Ratio Lower Upper

169 100

168 68.7 57.8 86.6

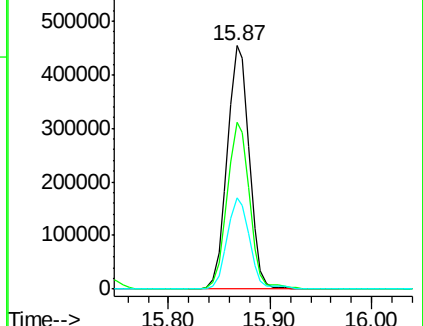
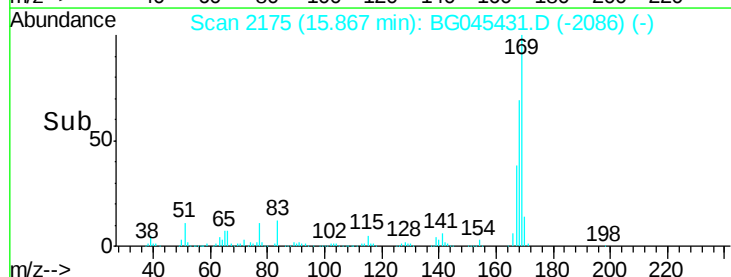
167 37.6 31.5 47.3



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

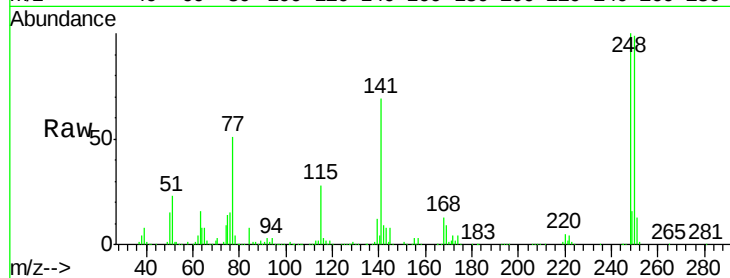




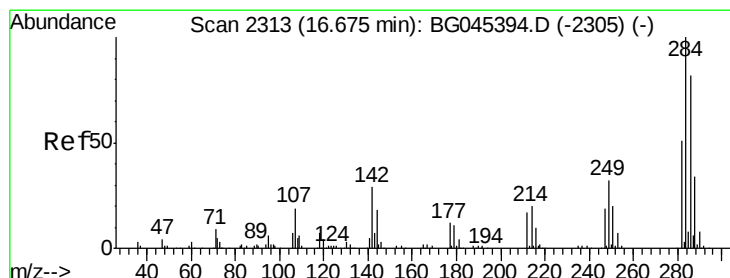
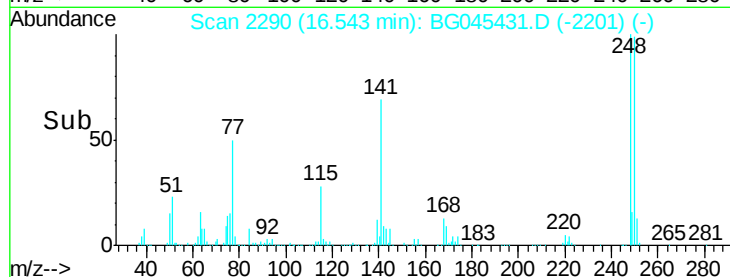
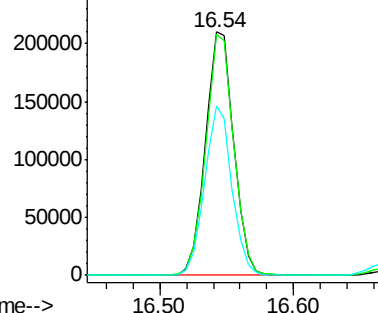
#67
4-Bromophenyl-phenylether
Concen: 41.087 ng
RT: 16.54 min Scan# 2290
Delta R.T. -0.01 min
Lab File: BG045431.D
Acq: 19 May 2020 19:25

Instrument :
BNA_G
ClientSampled :

Tot Ion:248 Resp: 310131
Ion Ratio Lower Upper
248 100
250 99.2 78.6 117.8
141 69.3 58.2 87.2

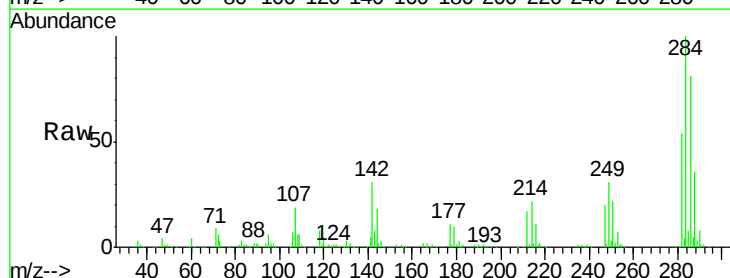


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

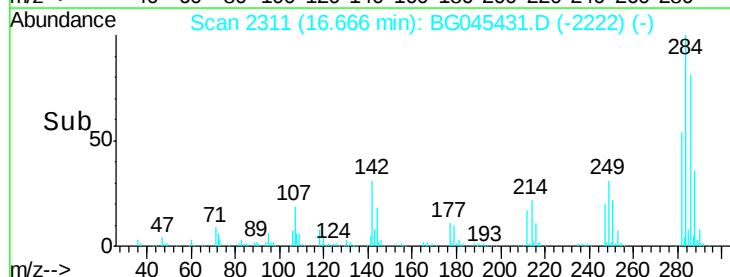
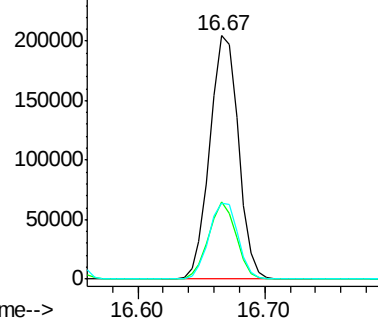


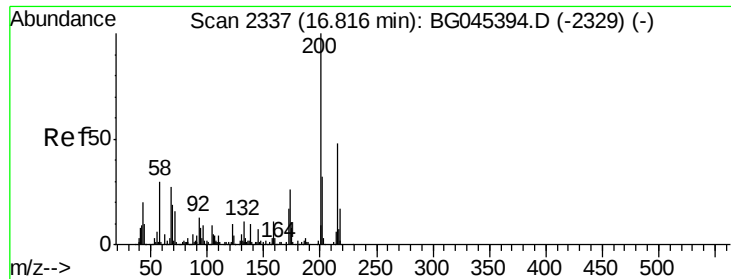
#68
Hexachlorobenzene
Concen: 40.410 ng
RT: 16.67 min Scan# 2311
Delta R.T. -0.01 min
Lab File: BG045431.D
Acq: 19 May 2020 19:25

Tgt Ion:284 Resp: 319025
Ion Ratio Lower Upper
284 100
142 31.5 23.0 34.6
249 31.0 25.8 38.6



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 39.463 ng

RT: 16.82 min Scan# 2337

Delta R.T. -0.00 min

Lab File: BG045431.D

Acq: 19 May 2020 19:25

Instrument :

BNA_G

ClientSampleId :

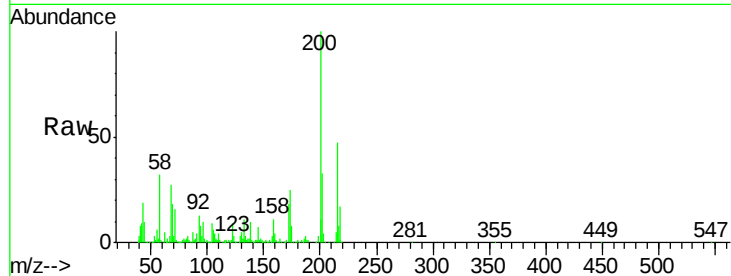
Tot Ion:200 Resp: 272047

Ion Ratio Lower Upper

200 100

173 24.7 5.5 45.5

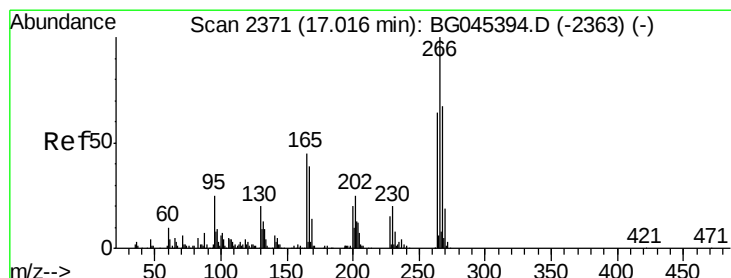
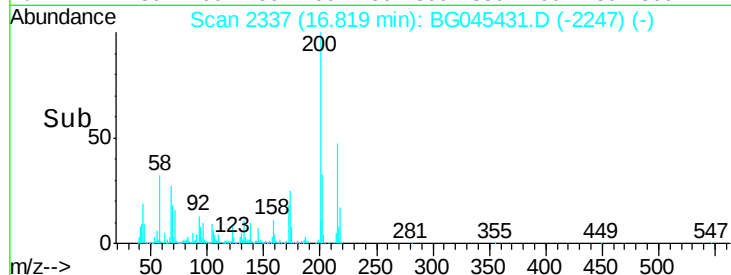
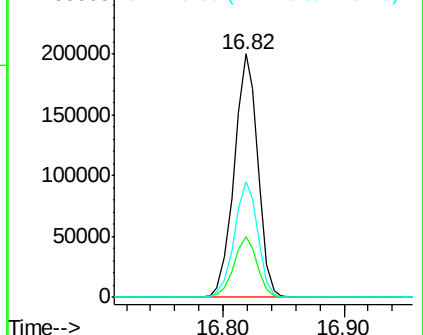
215 47.5 28.2 68.2



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: 55.174 ng

RT: 17.02 min Scan# 2372

Delta R.T. -0.00 min

Lab File: BG045431.D

Acq: 19 May 2020 19:25

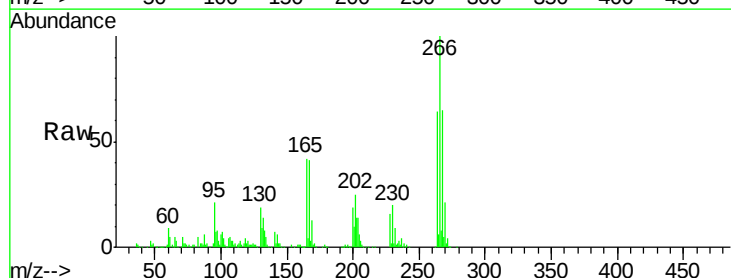
Tgt Ion:266 Resp: 226173

Ion Ratio Lower Upper

266 100

268 65.5 53.2 79.8

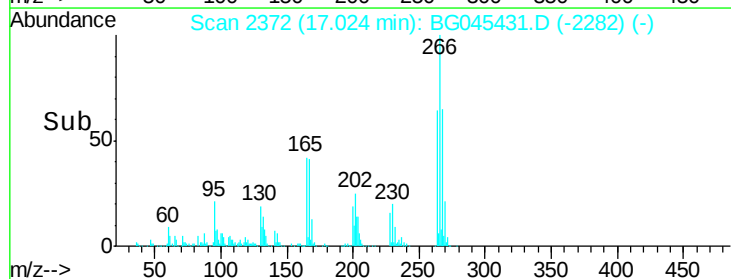
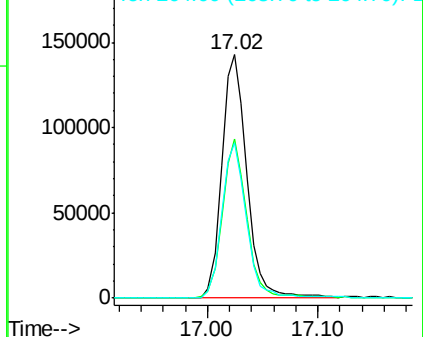
264 64.0 51.0 76.4

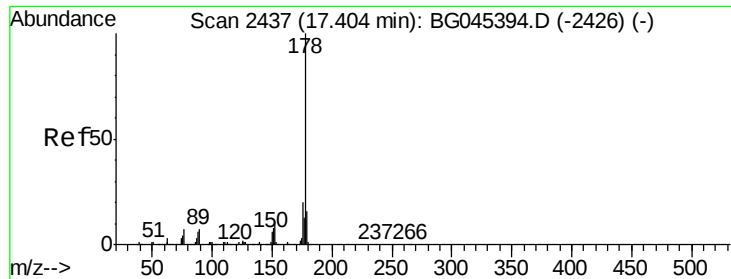


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 39.786 ng

RT: 17.40 min Scan# 2436

Delta R.T. -0.00 min

Lab File: BG045431.D

Acq: 19 May 2020 19:25

Instrument :

BNA_G

ClientSampleId :

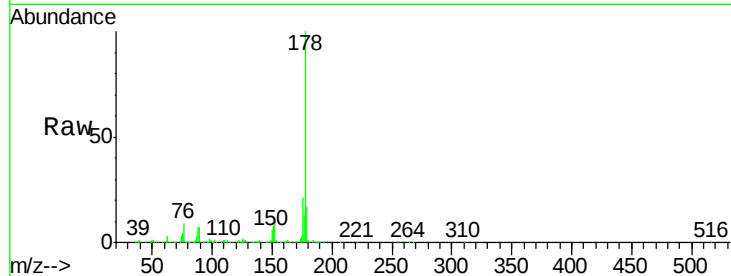
Tot Ion:178 Resp: 1210745

Ion Ratio Lower Upper

178 100

176 20.7 16.2 24.4

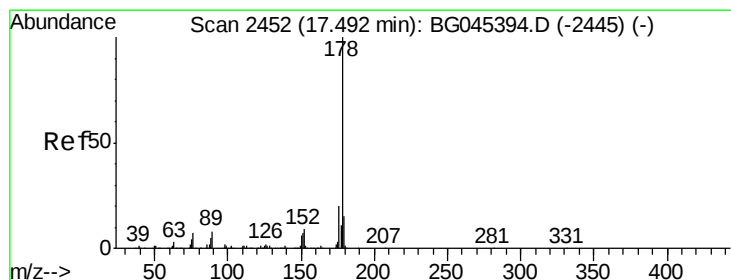
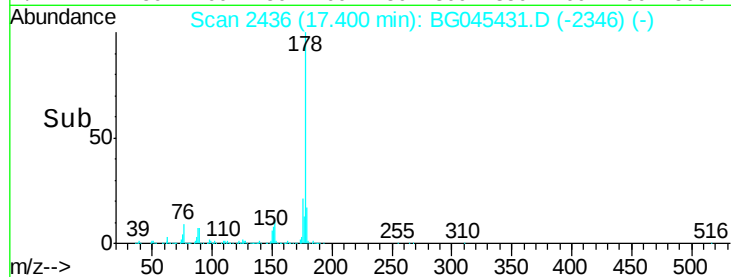
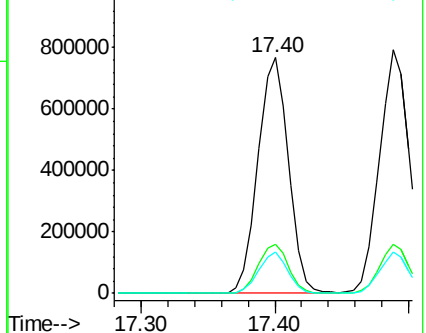
179 17.4 13.1 19.7



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: 40.276 ng

RT: 17.49 min Scan# 2451

Delta R.T. -0.01 min

Lab File: BG045431.D

Acq: 19 May 2020 19:25

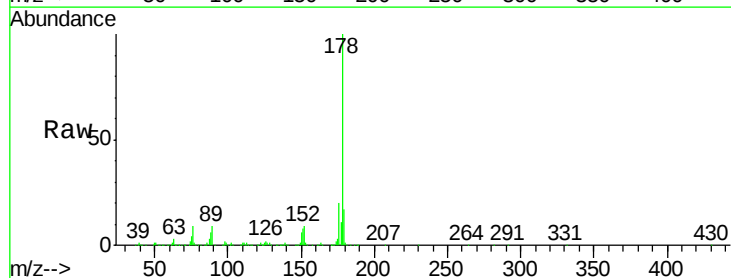
Tgt Ion:178 Resp: 1230843

Ion Ratio Lower Upper

178 100

176 20.2 15.8 23.6

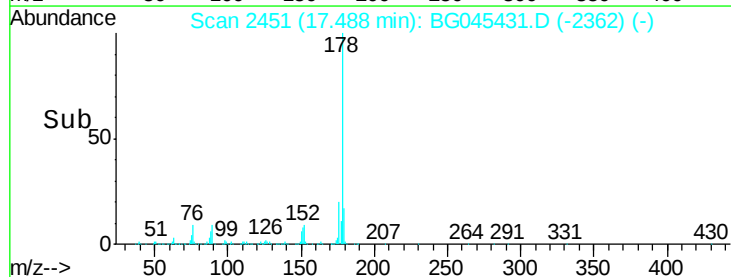
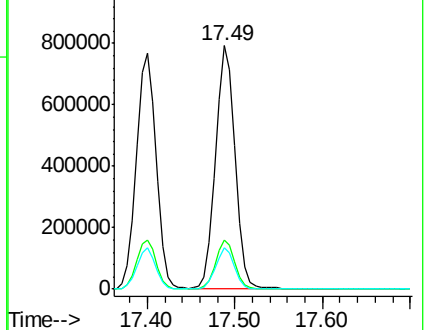
179 17.0 12.2 18.4



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: 39.837 ng

RT: 17.76 min Scan# 2498

Delta R.T. -0.01 min

Lab File: BG045431.D

Acq: 19 May 2020 19:25

Instrument :

BNA_G

ClientSampleId :

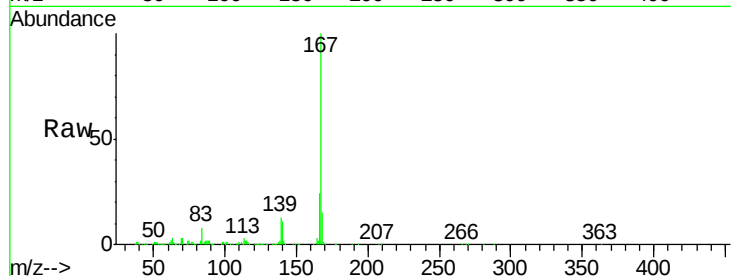
Tot Ion:167 Resp: 1186686

Ion	Ratio	Lower	Upper
167	100		
166	23.7	19.2	28.8
139	12.9	10.6	16.0

167 100

166 23.7 19.2 28.8

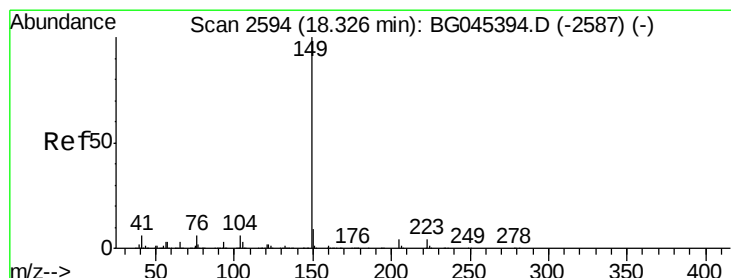
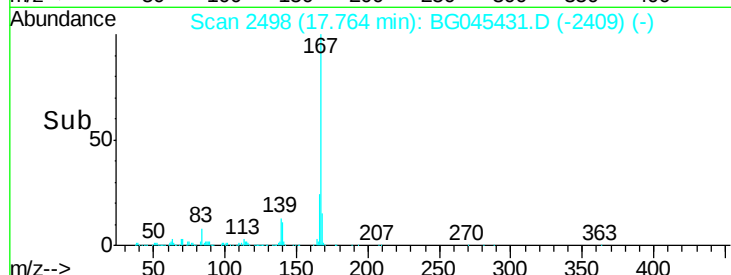
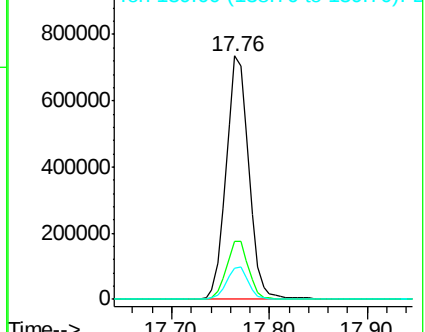
139 12.9 10.6 16.0



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: 39.339 ng

RT: 18.32 min Scan# 2593

Delta R.T. -0.00 min

Lab File: BG045431.D

Acq: 19 May 2020 19:25

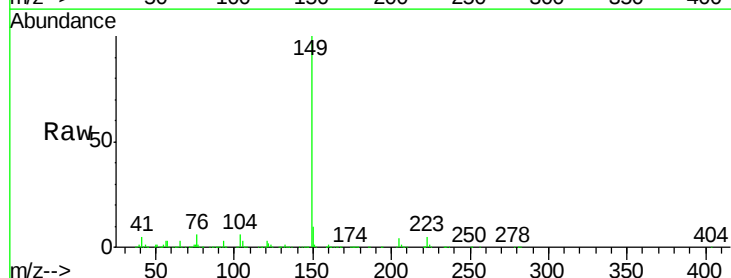
Tgt Ion:149 Resp: 1406541

Ion	Ratio	Lower	Upper
149	100		
150	10.5	7.6	11.4
104	5.9	5.0	7.4

149 100

150 10.5 7.6 11.4

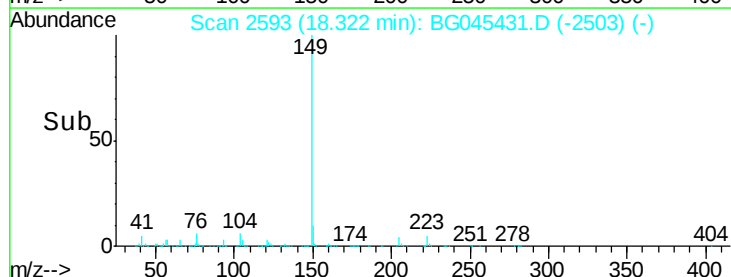
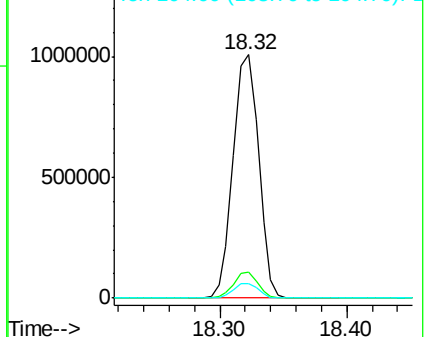
104 5.9 5.0 7.4

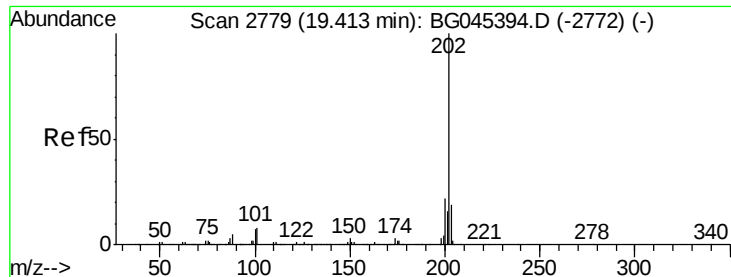


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 38.663 ng

RT: 19.41 min Scan# 2778

Delta R.T. -0.00 min

Lab File: BG045431.D

Acq: 19 May 2020 19:25

Instrument :

BNA_G

ClientSampleId :

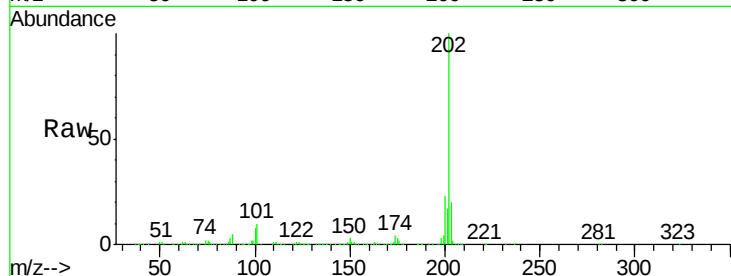
Tot Ion:202 Resp: 1496517

Ion Ratio Lower Upper

202 100

101 10.0 0.0 28.3

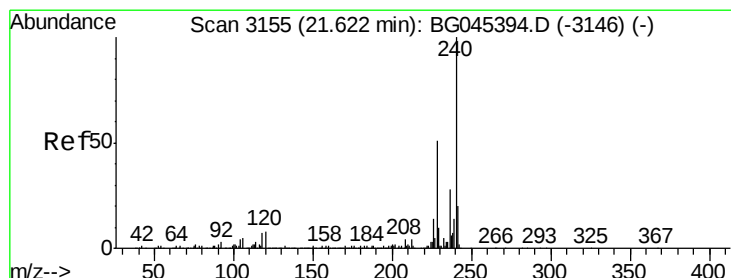
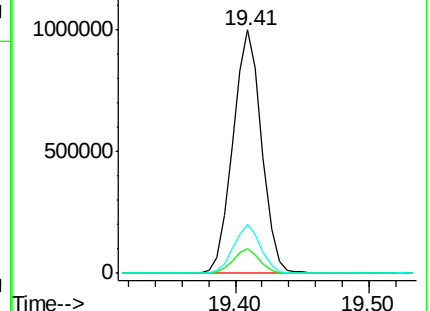
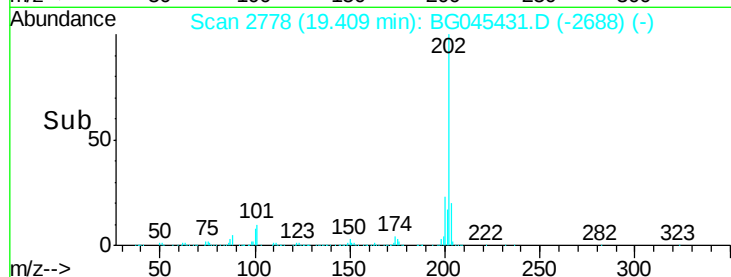
203 20.2 0.0 39.0



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.62 min Scan# 3154

Delta R.T. -0.00 min

Lab File: BG045431.D

Acq: 19 May 2020 19:25

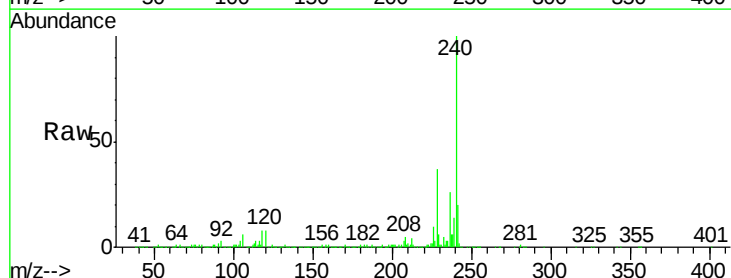
Tgt Ion:240 Resp: 657239

Ion Ratio Lower Upper

240 100

120 7.9 6.1 9.1

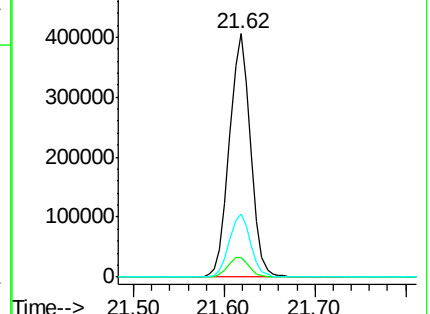
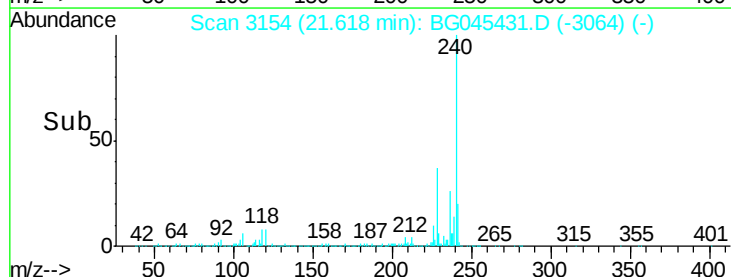
236 26.1 22.3 33.5

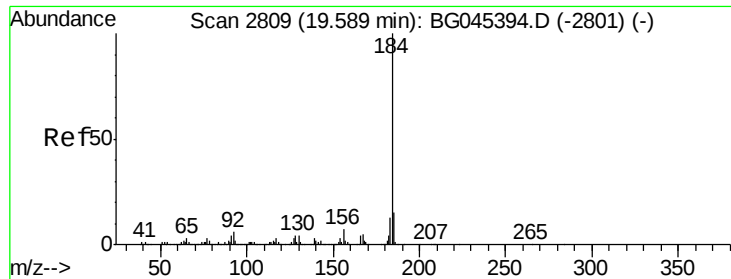


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 37.611 ng

RT: 19.59 min Scan# 2809

Delta R.T. -0.00 min

Lab File: BG045431.D

Acq: 19 May 2020 19:25

Instrument :

BNA_G

ClientSampleId :

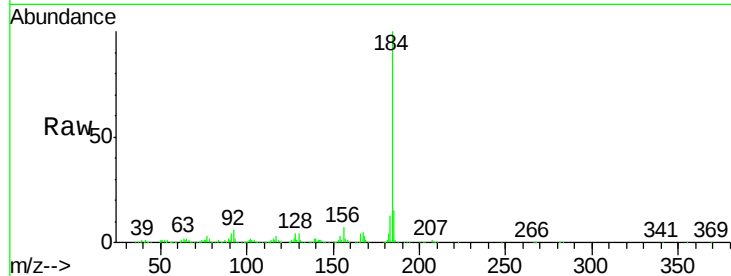
Tot Ion:184 Resp: 694258

Ion Ratio Lower Upper

184 100

185 15.0 11.7 17.5

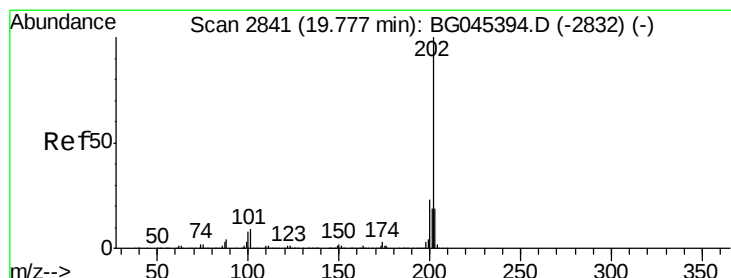
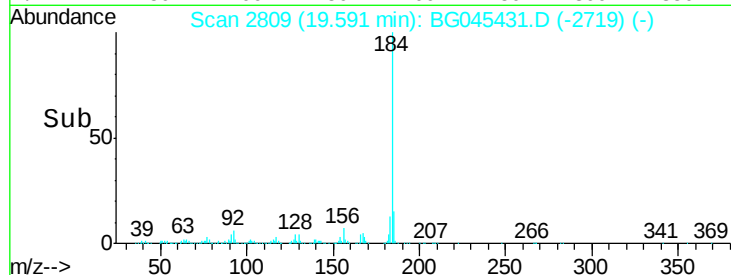
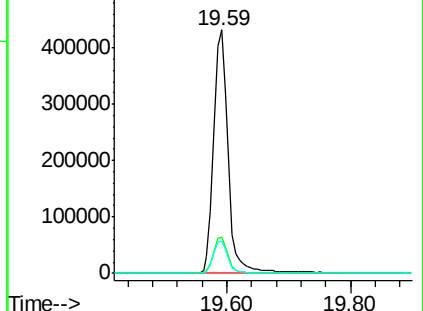
183 13.2 10.2 15.4



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: 40.559 ng

RT: 19.77 min Scan# 2839

Delta R.T. -0.01 min

Lab File: BG045431.D

Acq: 19 May 2020 19:25

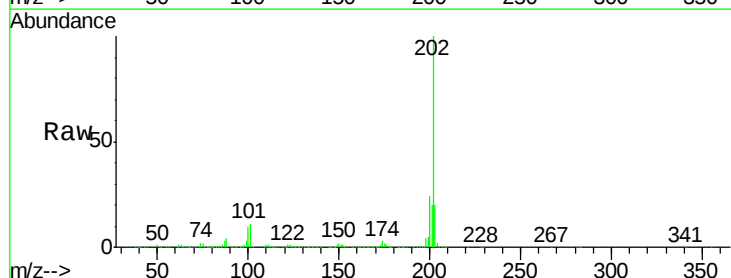
Tgt Ion:202 Resp: 1519572

Ion Ratio Lower Upper

202 100

200 24.0 18.2 27.2

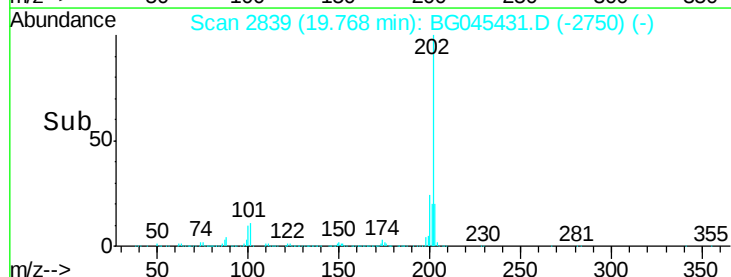
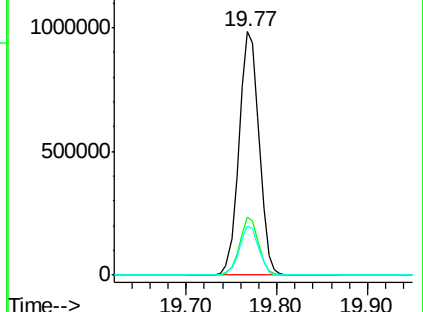
203 20.0 15.1 22.7

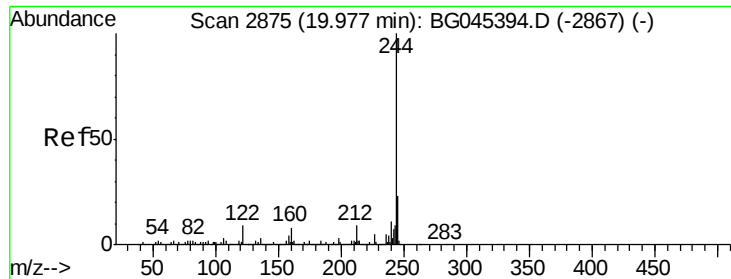


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 77.781 ng

RT: 19.97 min Scan# 2873

Delta R.T. -0.01 min

Lab File: BG045431.D

Acq: 19 May 2020 19:25

Instrument :

BNA_G

ClientSampleId :

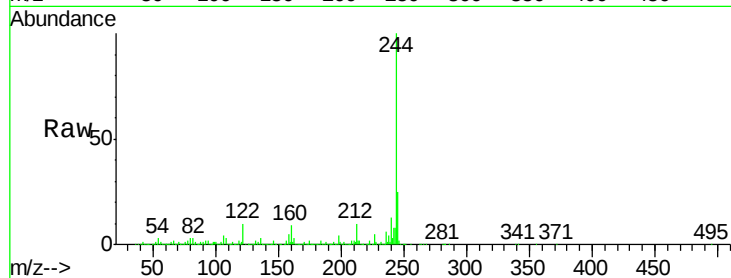
Tot Ion:244 Resp: 2191863

Ion Ratio Lower Upper

244 100

212 10.0 7.4 11.0

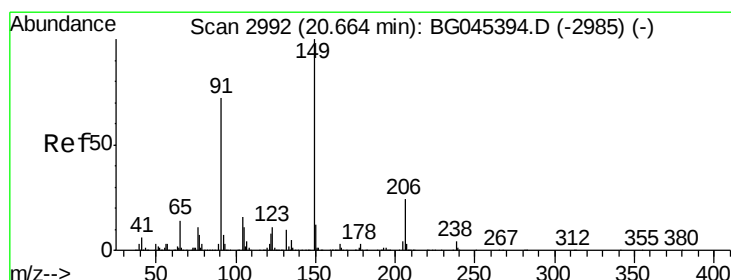
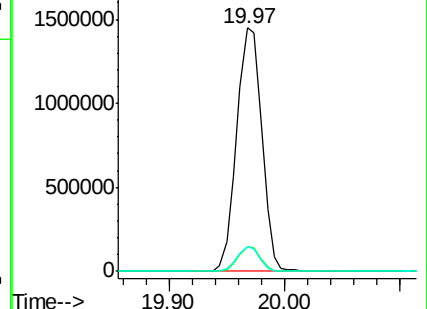
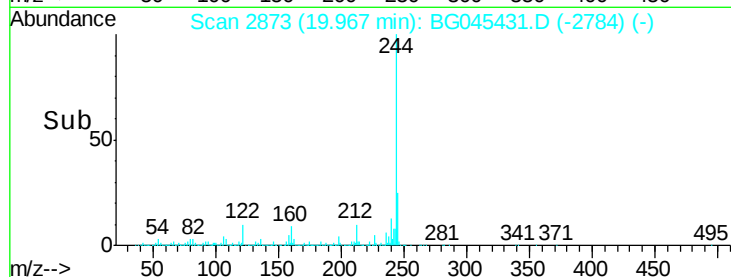
122 10.2 6.8 10.2



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: 40.323 ng

RT: 20.65 min Scan# 2990

Delta R.T. -0.01 min

Lab File: BG045431.D

Acq: 19 May 2020 19:25

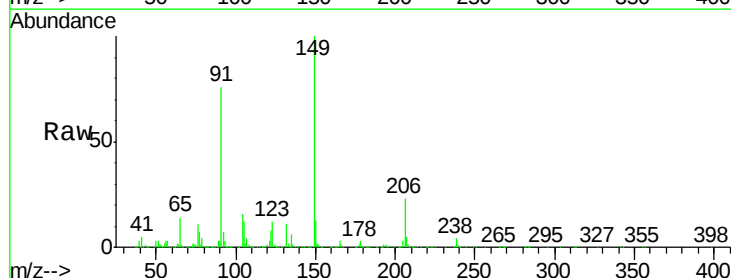
Tgt Ion:149 Resp: 652073

Ion Ratio Lower Upper

149 100

91 75.6 57.8 86.6

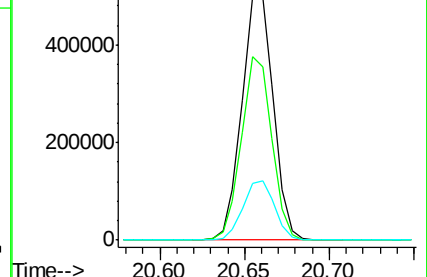
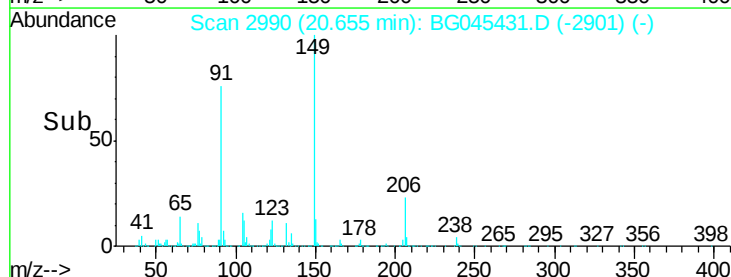
206 23.1 19.1 28.7

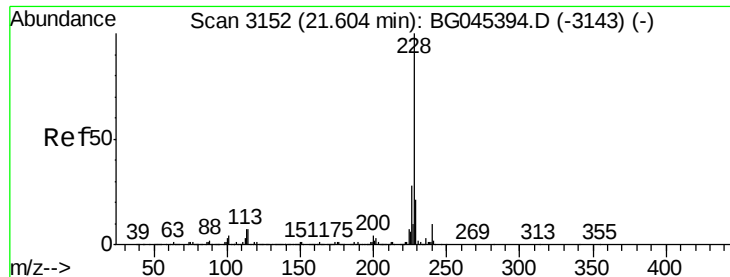


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 39.724 ng

RT: 21.59 min Scan# 3150

Delta R.T. -0.01 min

Lab File: BG045431.D

Acq: 19 May 2020 19:25

Instrument :

BNA_G

ClientSampled :

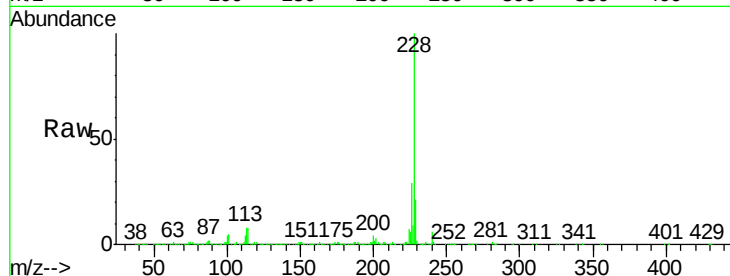
Tot Ion:228 Resp: 1454389

Ion Ratio Lower Upper

228 100

226 28.9 22.7 34.1

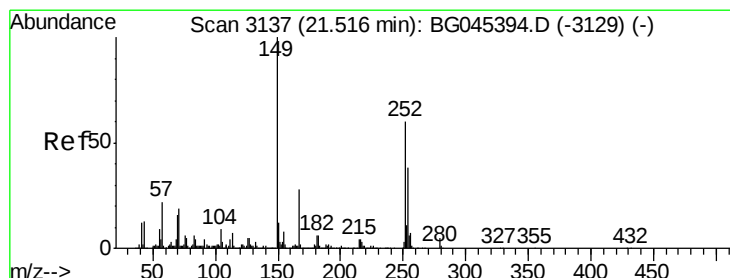
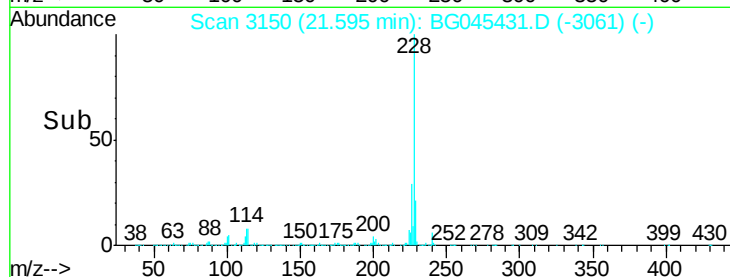
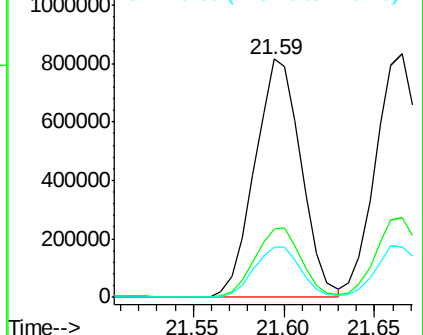
229 21.3 16.7 25.1



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 39.364 ng

RT: 21.52 min Scan# 3137

Delta R.T. -0.00 min

Lab File: BG045431.D

Acq: 19 May 2020 19:25

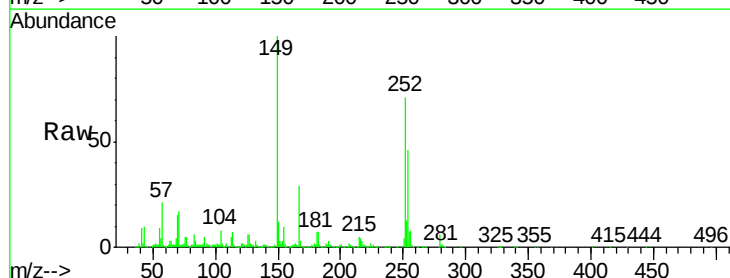
Tgt Ion:252 Resp: 565338

Ion Ratio Lower Upper

252 100

254 65.2 51.3 76.9

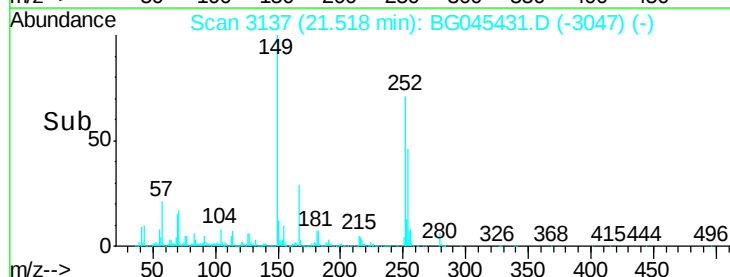
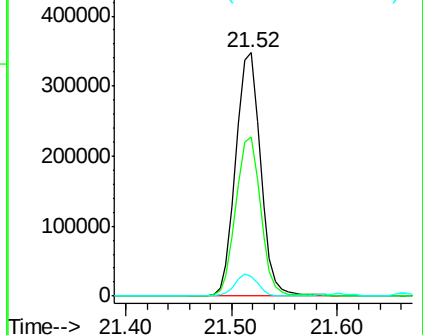
126 8.0 6.6 10.0

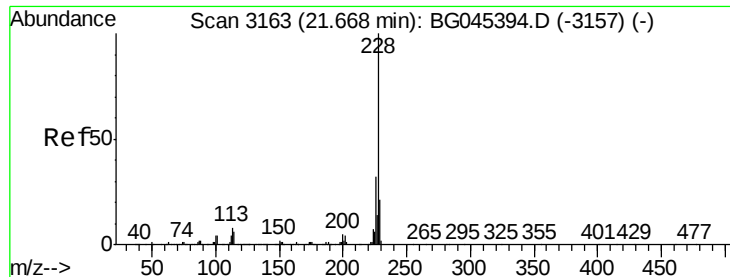


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrvsene

Concen: 40.056 ng

RT: 21.66 min Scan# 3162

Delta R.T. -0.00 min

Lab File: BG045431.D

Acq: 19 May 2020 19:25

Instrument :

BNA_G

ClientSampleId :

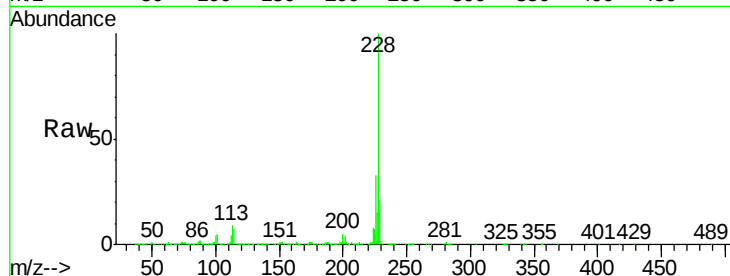
Tot Ion:228 Resp: 1410150

Ion Ratio Lower Upper

228 100

226 32.7 25.2 37.8

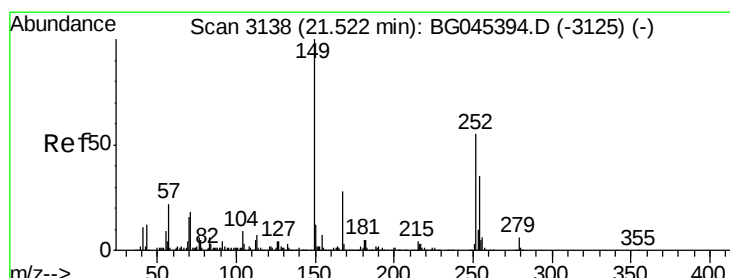
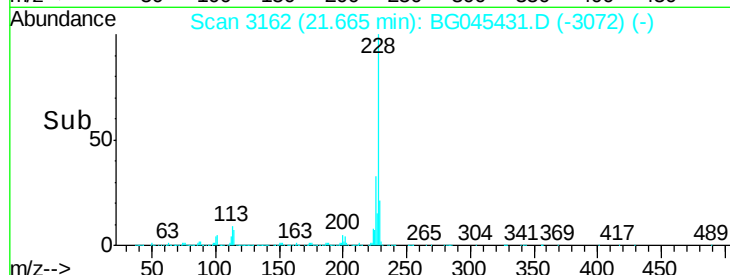
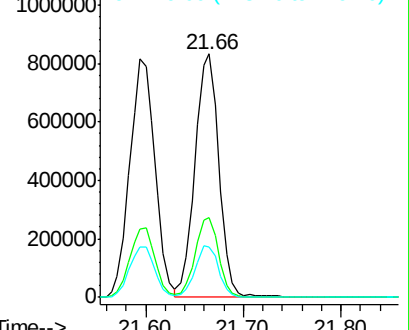
229 20.7 16.7 25.1



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: 39.937 ng

RT: 21.51 min Scan# 3136

Delta R.T. -0.00 min

Lab File: BG045431.D

Acq: 19 May 2020 19:25

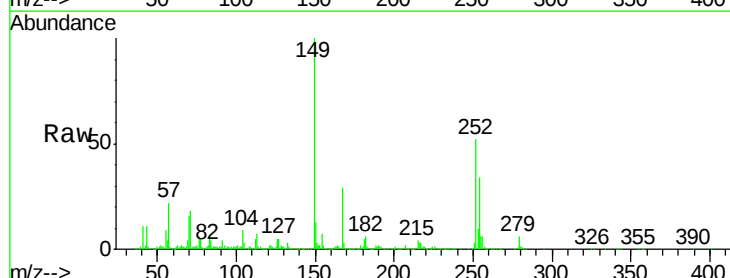
Tgt Ion:149 Resp: 887771

Ion Ratio Lower Upper

149 100

167 28.7 22.2 33.2

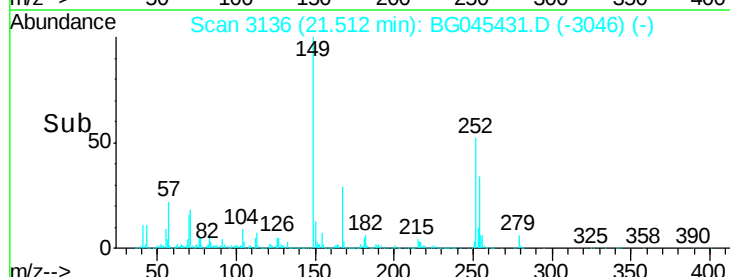
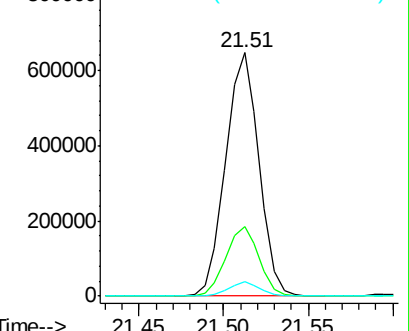
279 5.7 4.7 7.1

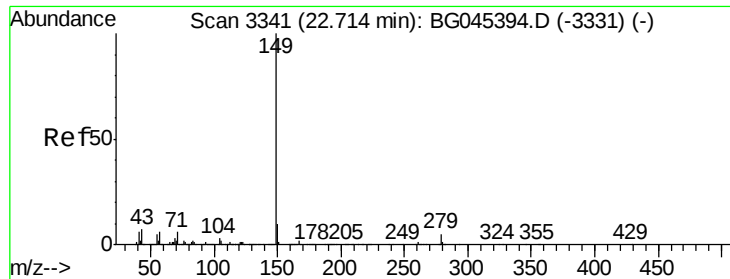


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 39.430 ng

RT: 22.70 min Scan# 3338

Delta R.T. -0.01 min

Lab File: BG045431.D

Acq: 19 May 2020 19:25

Instrument :

BNA_G

ClientSampled :

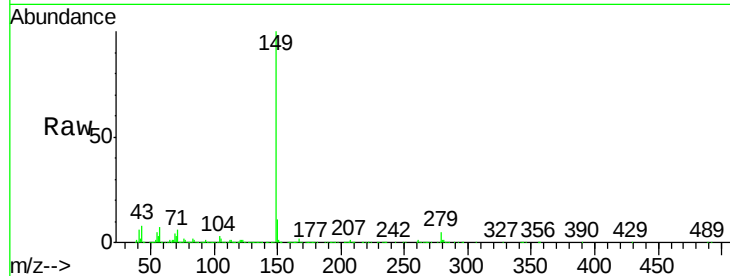
Tot Ion:149 Resp: 1505411

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

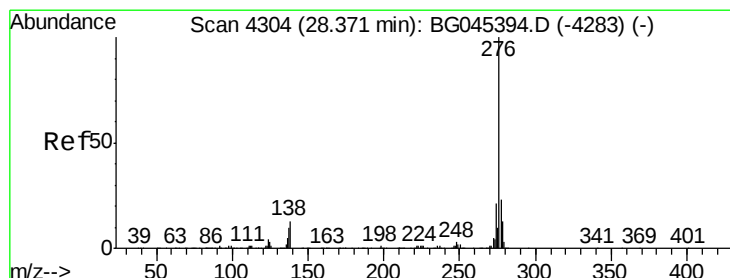
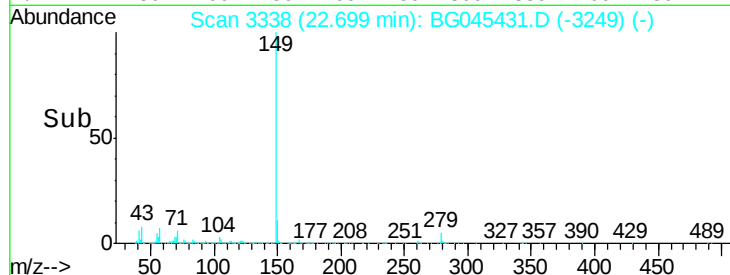
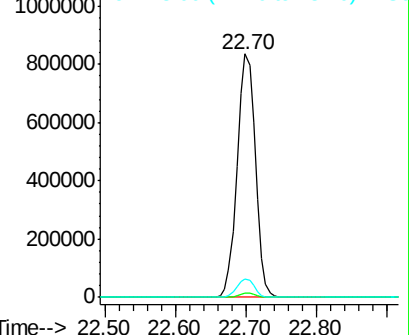
43 7.2 5.8 8.8



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: 39.089 ng

RT: 28.35 min Scan# 4300

Delta R.T. -0.01 min

Lab File: BG045431.D

Acq: 19 May 2020 19:25

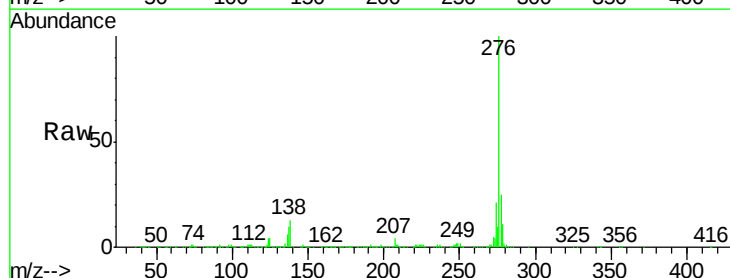
Tgt Ion:276 Resp: 1799493

Ion Ratio Lower Upper

276 100

138 17.2 8.6 12.8#

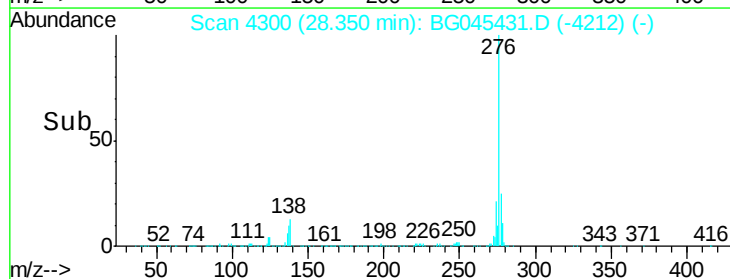
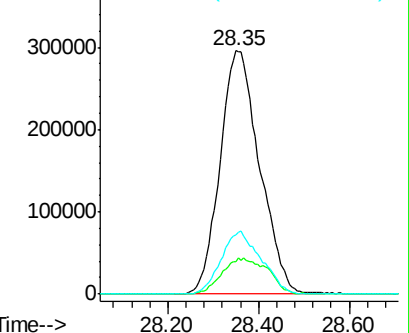
277 26.1 20.2 30.4

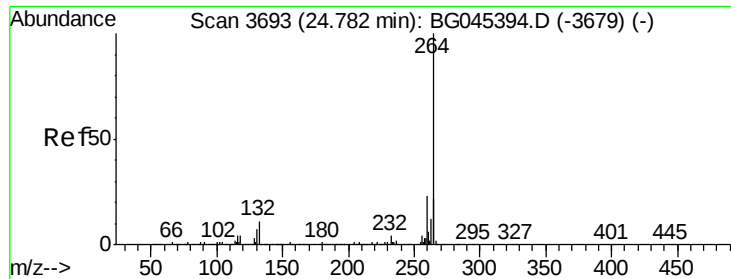


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

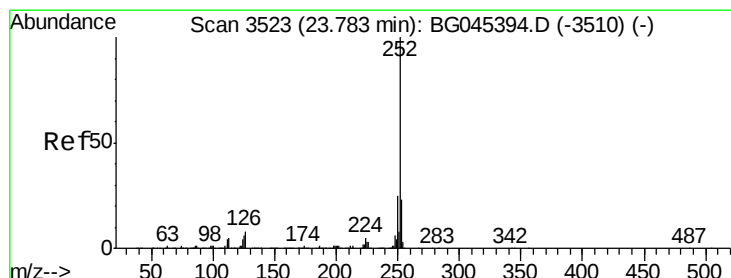
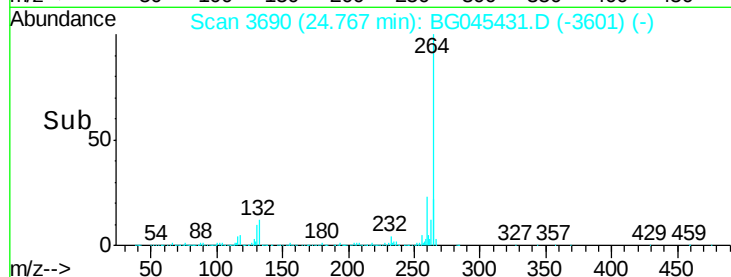
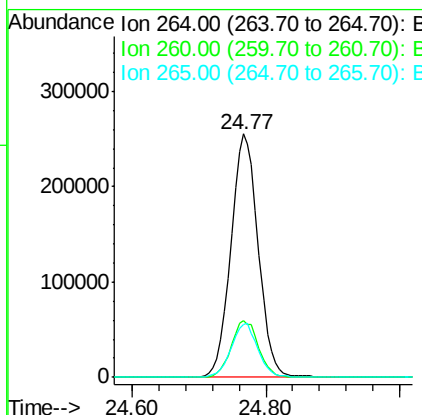
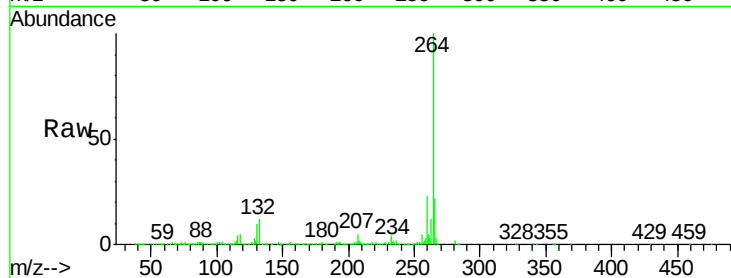




#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.77 min Scan# 3690
Delta R.T. -0.01 min
Lab File: BG045431.D
Acq: 19 May 2020 19:25

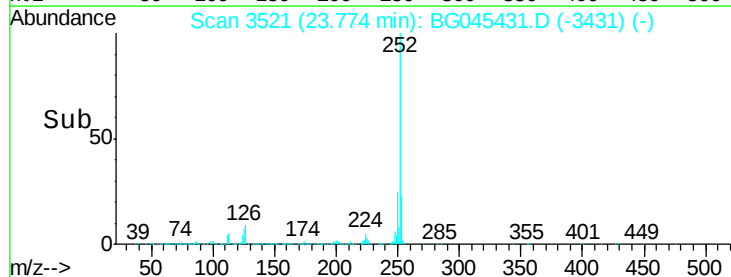
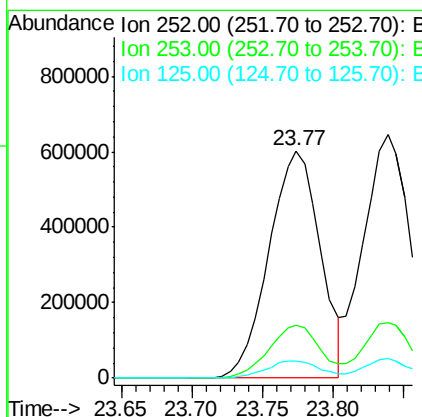
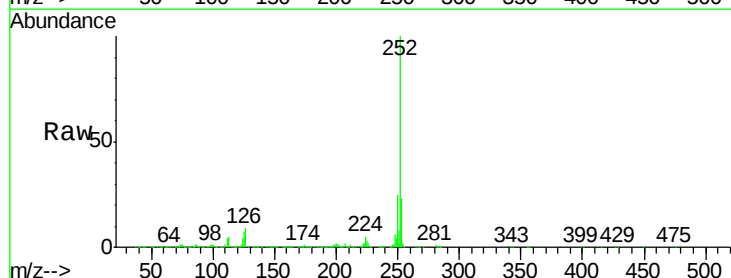
Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.2	27.4
265	21.8	17.6	26.4



#88
Benzo(b)fluoranthene
Concen: 39.160 ng
RT: 23.77 min Scan# 3521
Delta R.T. -0.00 min
Lab File: BG045431.D
Acq: 19 May 2020 19:25

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.1	27.1
125	7.2	5.0	7.6





#89

Benzo(k)fluoranthene

Concen: 40.974 ng

RT: 23.84 min Scan# 3532

Delta R.T. -0.01 min

Lab File: BG045431.D

Acq: 19 May 2020 19:25

Instrument :

BNA_G

ClientSampleId :

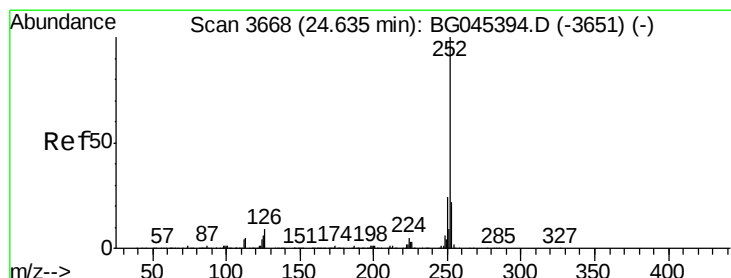
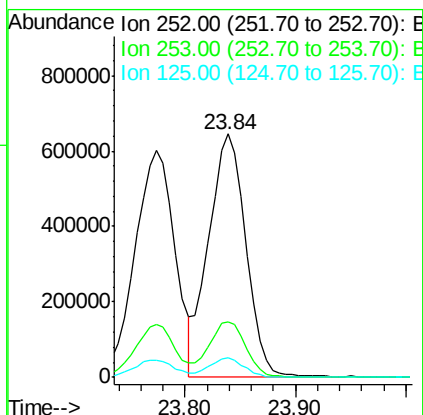
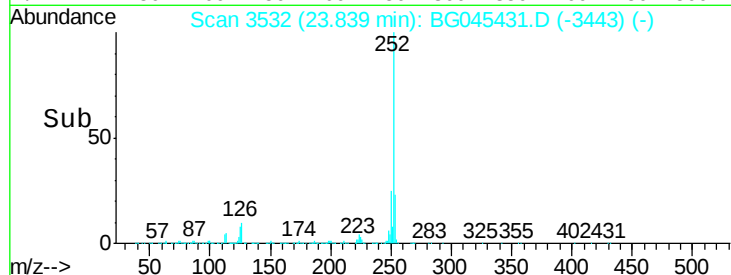
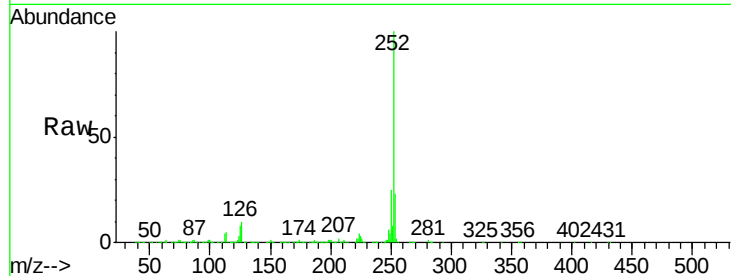
Tot Ion:252 Resp: 1500048

Ion Ratio Lower Upper

252 100

253 23.0 18.4 27.6

125 8.2 5.7 8.5



#90

Benzo(a)pyrene

Concen: 40.253 ng

RT: 24.63 min Scan# 3666

Delta R.T. -0.00 min

Lab File: BG045431.D

Acq: 19 May 2020 19:25

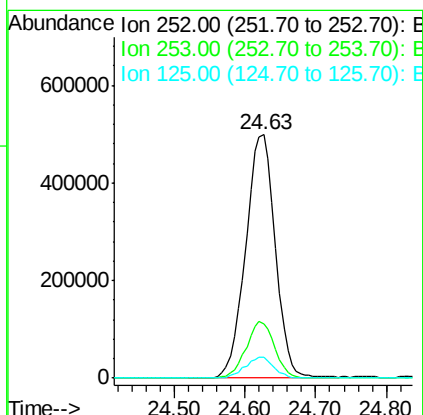
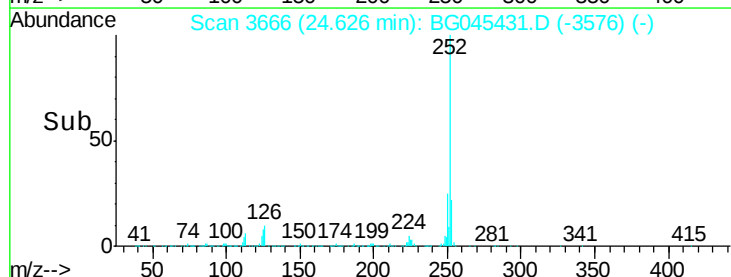
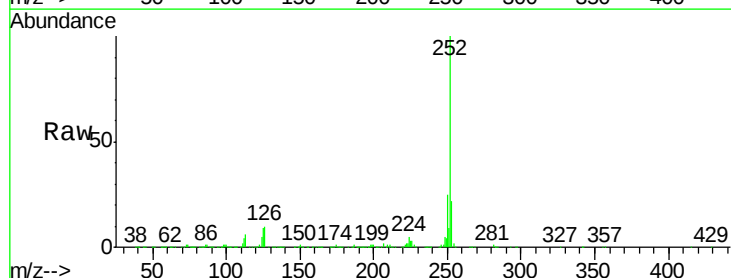
Tgt Ion:252 Resp: 1460864

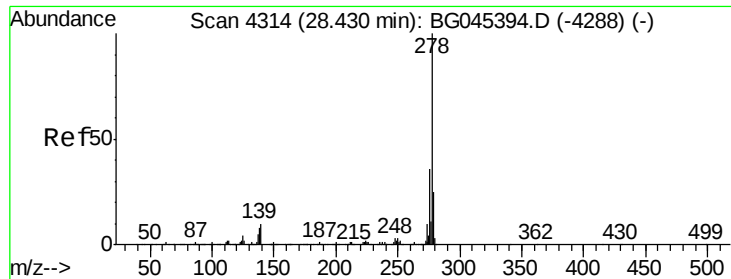
Ion Ratio Lower Upper

252 100

253 22.1 17.2 25.8

125 8.6 5.0 7.6#



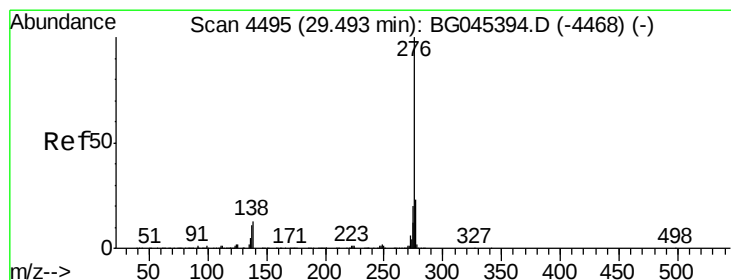
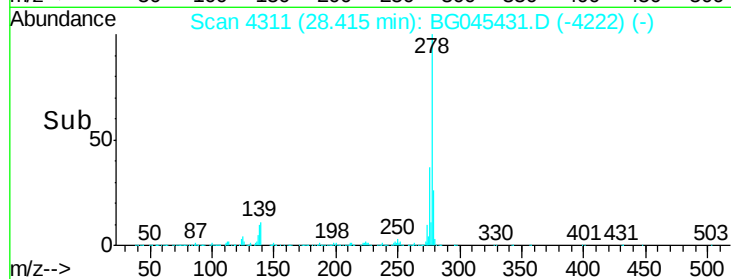
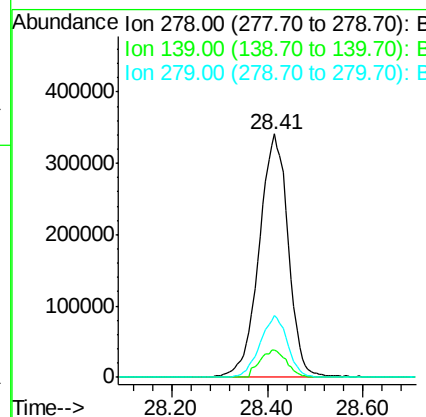
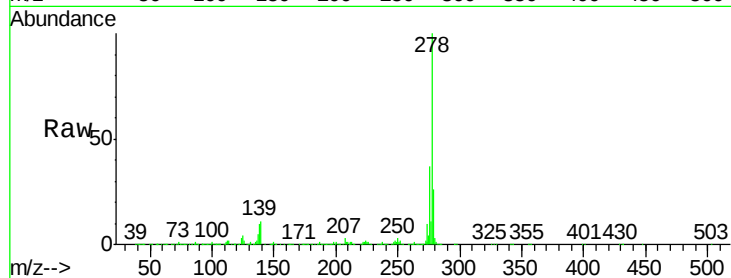


#91
Dibenzo(a,h)anthracene
Concen: 39.422 ng
RT: 28.41 min Scan# 4311
Delta R.T. -0.01 min
Lab File: BG045431.D
Acq: 19 May 2020 19:25

Instrument :
BNA_G
ClientSampleId :

Tot Ion:278 Resp: 1437703

Ion	Ratio	Lower	Upper
278	100		
139	11.0	7.8	11.8
279	25.5	19.8	29.8



#92
Benzo(g,h,i)perylene
Concen: 39.746 ng
RT: 29.47 min Scan# 4491
Delta R.T. -0.01 min
Lab File: BG045431.D
Acq: 19 May 2020 19:25

Tgt Ion:276 Resp: 1449718

Ion	Ratio	Lower	Upper
276	100		
277	24.2	18.1	27.1
138	14.6	10.2	15.4

