

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090320\
 Data File : BG046524.D
 Acq On : 3 Sep 2020 20:10
 Operator : CG/JU
 Sample : L3871-04MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TR-05-090220MSD

Quant Time: Sep 04 01:22:44 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 02 15:06:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	82942	20.00	ng	0.00
21) Naphthalene-d8	10.73	136	326807	20.00	ng	0.00
39) Acenaphthene-d10	14.56	164	221591	20.00	ng	0.00
64) Phenanthrene-d10	17.31	188	521722	20.00	ng	0.00
76) Chrysene-d12	21.55	240	510841	20.00	ng	0.00
86) Perylene-d12	24.66	264	532396	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.52	112	540378	115.40	ng	0.00
7) Phenol-d6	7.11	99	653748	98.48	ng	0.00
23) Nitrobenzene-d5	9.09	82	498491	87.18	ng	0.00
42) 2,4,6-Tribromophenol	16.05	330	346816	115.51	ng	0.00
45) 2-Fluorobiphenyl	13.19	172	1223461	84.29	ng	0.00
79) Terphenyl-d14	19.92	244	1899982	79.15	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.43	88	67660	34.729	ng	# 36
3) Pyridine	3.83	79	187585	32.909	ng	97
4) n-Nitrosodimethylamine	3.73	42	94967	45.172	ng	99
6) Aniline	7.25	93	232505	31.124	ng	99
8) 2-Chlorophenol	7.50	128	250497	50.612	ng	98
9) Benzaldehyde	7.06	77	138154	37.146	ng	94
10) Phenol	7.14	94	266665	43.613	ng	99
11) bis(2-Chloroethyl)ether	7.35	93	232615	47.330	ng	99
12) 1,3-Dichlorobenzene	7.82	146	243859	38.808	ng	99
13) 1,4-Dichlorobenzene	7.96	146	245847	39.080	ng	99
14) 1,2-Dichlorobenzene	8.29	146	244612	40.552	ng	99
15) Benzyl Alcohol	8.17	79	220781	51.802	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.46	45	342947	44.986	ng	99
17) 2-Methylphenol	8.38	107	213216	49.171	ng	98
18) Hexachloroethane	9.02	117	81647	38.278	ng	97
19) n-Nitroso-di-n-propylamine	8.74	70	190456	47.963	ng	99
20) 3+4-Methylphenols	8.71	107	288307	48.170	ng	98
22) Acetophenone	8.75	105	363846	45.737	ng	99
24) Nitrobenzene	9.13	77	270905	47.957	ng	97
25) Isophorone	9.66	82	521032	49.702	ng	100
26) 2-Nitrophenol	9.84	139	149457	50.146	ng	97
27) 2,4-Dimethylphenol	9.91	122	235112	57.355	ng	95
28) bis(2-Chloroethoxy)methane	10.14	93	314370	46.592	ng	99
29) 2,4-Dichlorophenol	10.38	162	271984	49.772	ng	98
30) 1,2,4-Trichlorobenzene	10.60	180	262630	40.505	ng	98
31) Naphthalene	10.78	128	702584	44.030	ng	99
32) Benzoic acid	10.07	122	133268	44.764	ng	98
33) 4-Chloroaniline	10.89	127	80427	11.430	ng	95
34) Hexachlorobutadiene	11.07	225	163330	38.805	ng	97
35) Caprolactam	11.67	113	37987	18.597	ng	98
36) 4-Chloro-3-methylphenol	12.02	107	270523	50.615	ng	96
37) 2-Methylnaphthalene	12.39	142	566445	45.011	ng	99
38) 1-Methylnaphthalene	12.61	142	535091	44.888	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.76	216	337665	46.210	ng	99

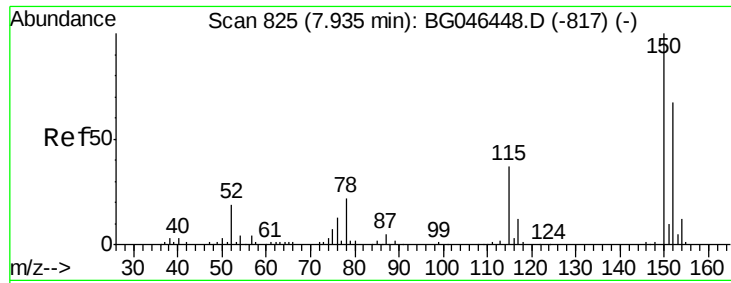
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090320\
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 QLast Update : Wed Sep 02 15:06:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.74	237	359761	113.226	ng	99
43) 2,4,6-Trichlorophenol	13.00	196	243237	49.327	ng	99
44) 2,4,5-Trichlorophenol	13.08	196	262216	50.611	ng	98
46) 1,1'-Biphenyl	13.39	154	742576	48.166	ng	98
47) 2-Chloronaphthalene	13.44	162	592512	45.328	ng	100
48) 2-Nitroaniline	13.64	65	172433	47.506	ng	97
49) Acenaphthylene	14.29	152	931690	46.988	ng	99
50) Dimethylphthalate	14.02	163	803781	46.886	ng	100
51) 2,6-Dinitrotoluene	14.13	165	185566	49.105	ng	98
52) Acenaphthene	14.63	154	577028	46.961	ng	98
53) 3-Nitroaniline	14.46	138	131446	32.111	ng	99
54) 2,4-Dinitrophenol	14.67	184	245137	111.131	ng	96
55) Dibenzofuran	14.96	168	920898	46.701	ng	98
56) 4-Nitrophenol	14.79	139	277188	92.010	ng	99
57) 2,4-Dinitrotoluene	14.93	165	273587	50.773	ng	# 99
58) Fluorene	15.61	166	773032	46.708	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.19	232	247777	49.249	ng	98
60) Diethylphthalate	15.38	149	781732	46.769	ng	99
61) 4-Chlorophenyl-phenylether	15.60	204	423887	46.505	ng	98
62) 4-Nitroaniline	15.63	138	180740	41.846	ng	99
63) Azobenzene	15.90	77	659388	48.497	ng	98
65) 4,6-Dinitro-2-methylphenol	15.70	198	176612	59.808	ng	99
66) n-Nitrosodiphenylamine	15.82	169	703475	49.981	ng	99
67) 4-Bromophenyl-phenylether	16.50	248	295456	48.540	ng	96
68) Hexachlorobenzene	16.62	284	316019	46.880	ng	97
69) Atrazine	16.77	200	214463	37.350	ng	99
70) Pentachlorophenol	16.97	266	384031	109.036	ng	98
71) Phenanthrene	17.35	178	1259710	47.636	ng	98
72) Anthracene	17.44	178	1291054	49.483	ng	98
73) Carbazole	17.71	167	1183941	48.061	ng	99
74) Di-n-butylphthalate	18.27	149	1338894	47.266	ng	99
75) Fluoranthene	19.36	202	1573529	46.238	ng	98
77) Benzidine	19.54	184	115195	9.704	ng	98
78) Pyrene	19.72	202	1570821	48.289	ng	98
80) Butylbenzylphthalate	20.61	149	619534	48.826	ng	96
81) Benzo(a)anthracene	21.54	228	1505960	47.297	ng	99
82) 3,3'-Dichlorobenzidine	21.45	252	419971	35.542	ng	99
83) Chrysene	21.60	228	1468096	47.933	ng	99
84) Bis(2-ethylhexyl)phthalate	21.45	149	866806	50.059	ng	99
85) Di-n-octyl phthalate	22.62	149	1531263	51.646	ng	99
87) Indeno(1,2,3-cd)pyrene	28.18	276	1932350	50.535	ng	99
88) Benzo(b)fluoranthene	23.68	252	1638740	49.295	ng	97
89) Benzo(k)fluoranthene	23.75	252	1597368	49.718	ng	97
90) Benzo(a)pyrene	24.52	252	1504678	48.501	ng	99
91) Dibenzo(a,h)anthracene	28.23	278	1582940	51.300	ng	99
92) Benzo(g,h,i)perylene	29.27	276	1611353	52.294	ng	99

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

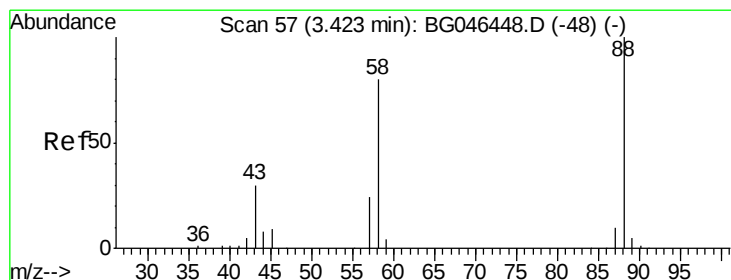
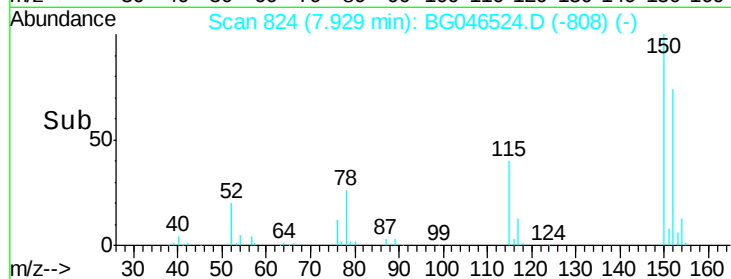
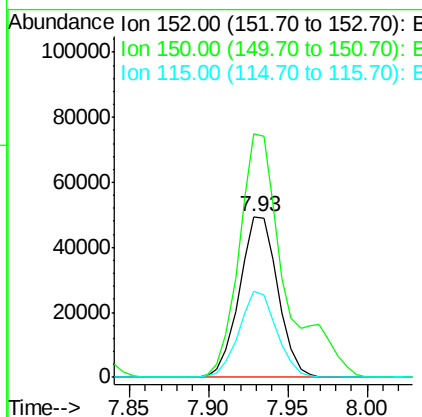
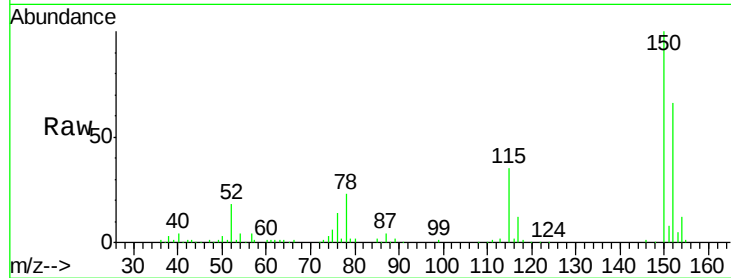


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.93 min Scan# 824
Delta R.T. -0.01 min
Lab File: BG046524.D
Acq: 3 Sep 2020 20:10

Instrument :
BNA_G
ClientSampleId :
TR-05-090220MSD

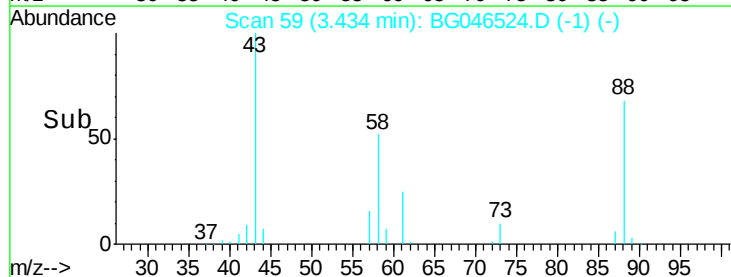
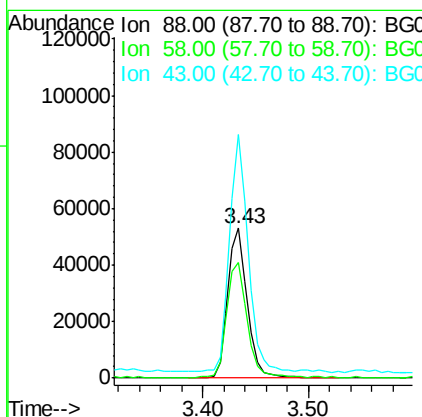
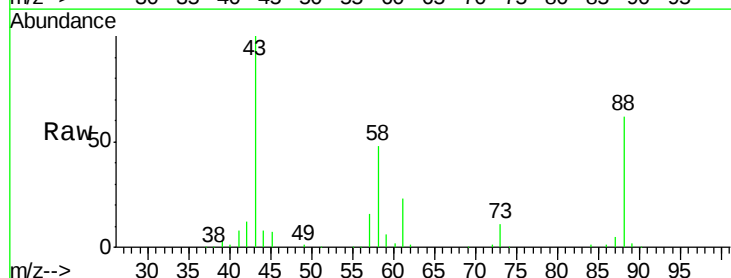
Tot Ion:152 Resp: 82942
Ion Ratio Lower Upper
152 100
150 151.7 119.5 179.3
115 53.6 44.3 66.5

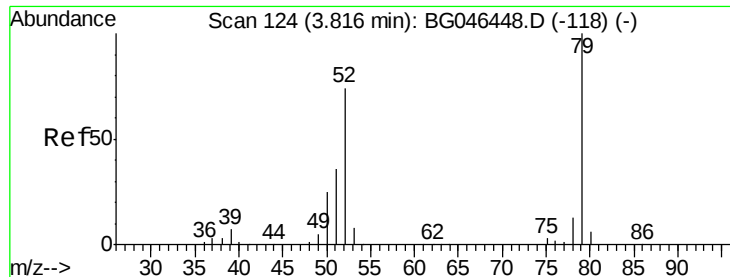


#2

1,4-Dioxane
Concen: 34.729 ng
RT: 3.43 min Scan# 59
Delta R.T. 0.01 min
Lab File: BG046524.D
Acq: 3 Sep 2020 20:10

Tgt Ion: 88 Resp: 67660
Ion Ratio Lower Upper
88 100
58 78.8 61.4 92.2
43 150.0 21.6 32.4#





#3

Pvridine

Concen: 32.909 ng

RT: 3.83 min Scan# 126

Delta R.T. 0.01 min

Lab File: BG046524.D

Acq: 3 Sep 2020 20:10

Instrument :

BNA_G

ClientSampleId :

TR-05-090220MSD

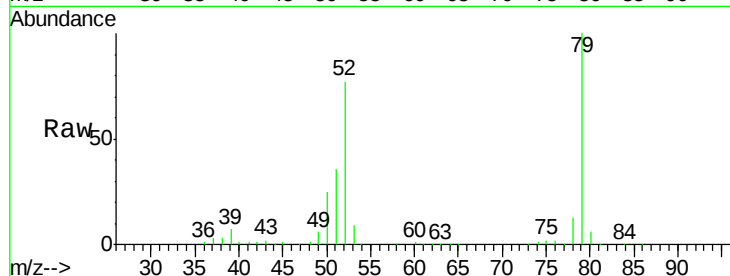
Tot Ion: 79 Resp: 187585

Ion Ratio Lower Upper

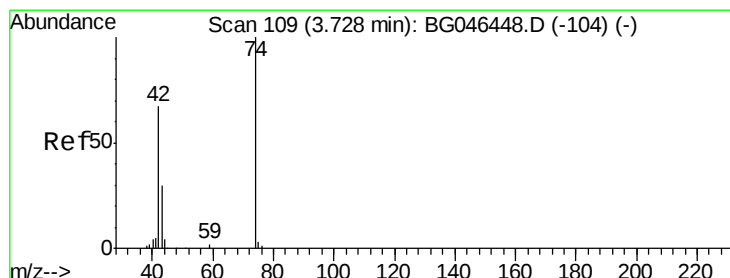
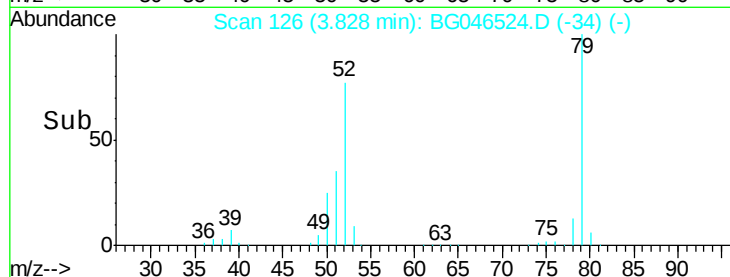
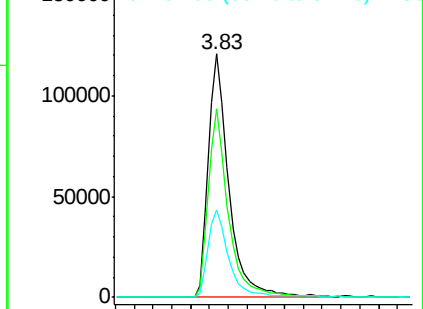
79 100

52 77.3 59.1 88.7

51 35.7 29.0 43.6



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: 45.172 ng

RT: 3.73 min Scan# 109

Delta R.T. -0.00 min

Lab File: BG046524.D

Acq: 3 Sep 2020 20:10

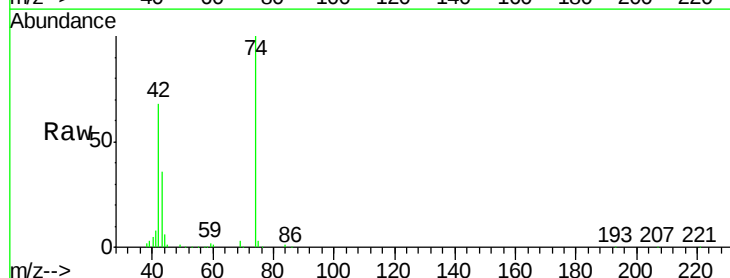
Tgt Ion: 42 Resp: 94967

Ion Ratio Lower Upper

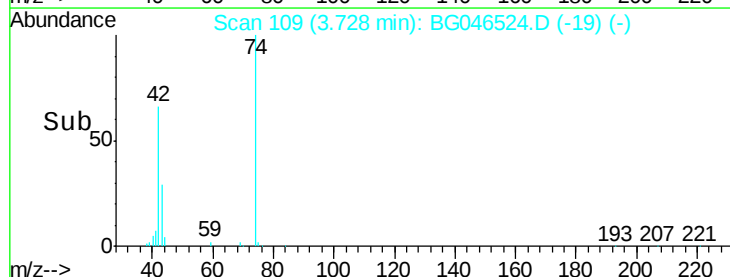
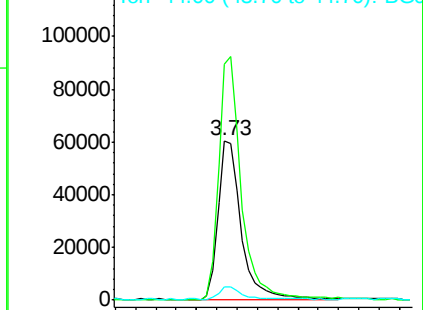
42 100

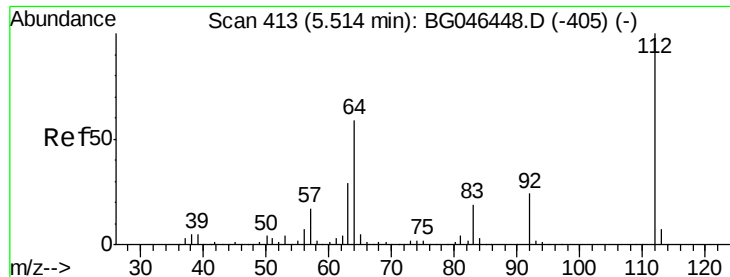
74 147.8 119.5 179.3

44 8.2 5.7 8.5



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: 115.395 ng

RT: 5.52 min Scan# 414

Delta R.T. 0.01 min

Lab File: BG046524.D

Acq: 3 Sep 2020 20:10

Instrument :

BNA_G

ClientSampleId :

TR-05-090220MSD

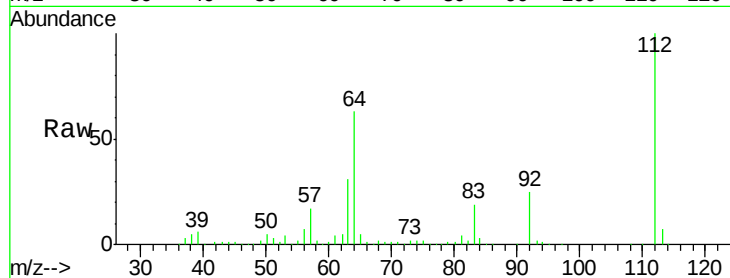
Tot Ion:112 Resp: 540378

Ion Ratio Lower Upper

112 100

64 63.2 47.0 70.6

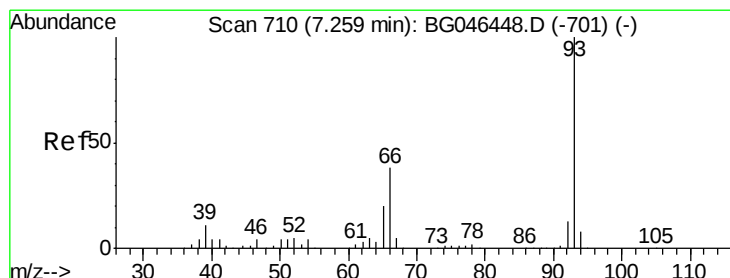
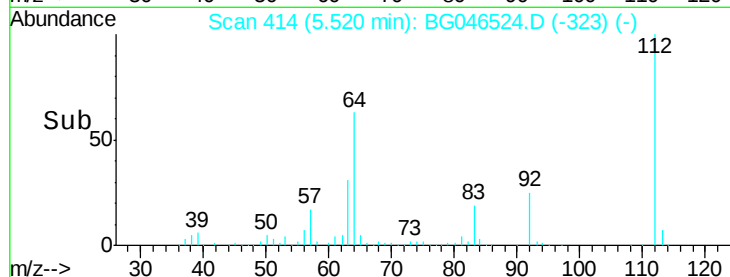
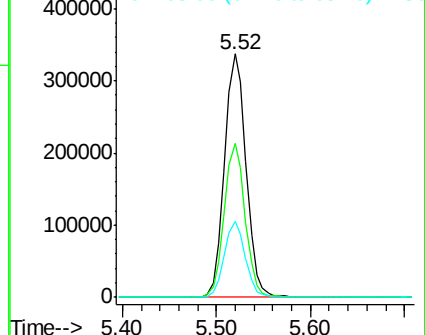
63 31.1 23.5 35.3



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 31.124 ng

RT: 7.25 min Scan# 709

Delta R.T. -0.00 min

Lab File: BG046524.D

Acq: 3 Sep 2020 20:10

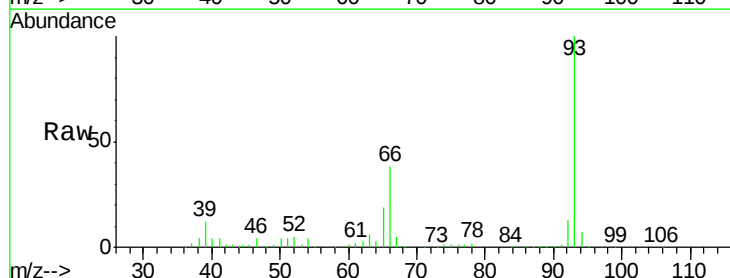
Tgt Ion: 93 Resp: 232505

Ion Ratio Lower Upper

93 100

66 38.3 30.4 45.6

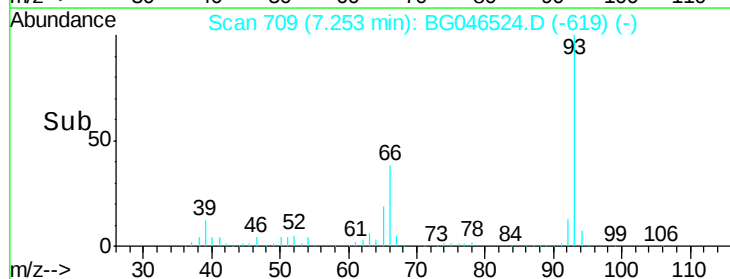
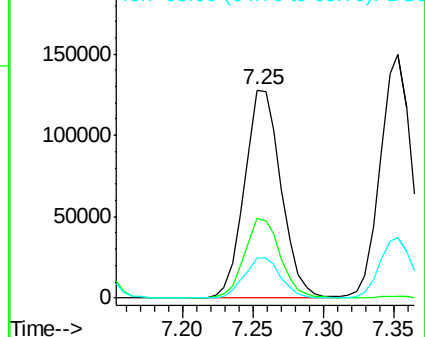
65 19.1 15.8 23.6



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: 98.479 ng

RT: 7.11 min Scan# 684

Delta R.T. -0.00 min

Lab File: BG046524.D

Acq: 3 Sep 2020 20:10

Instrument :

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ClientSampleId :

TR-05-090220MSD

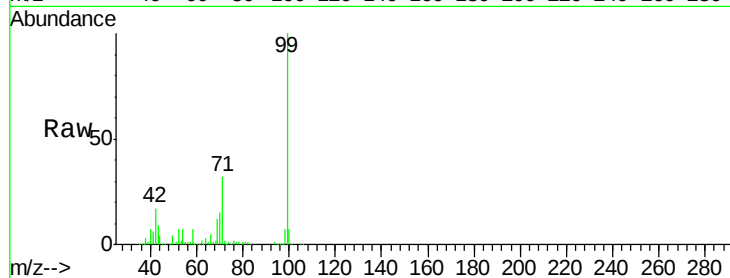
Tot Ion: 99 Resp: 653748

Ion Ratio Lower Upper

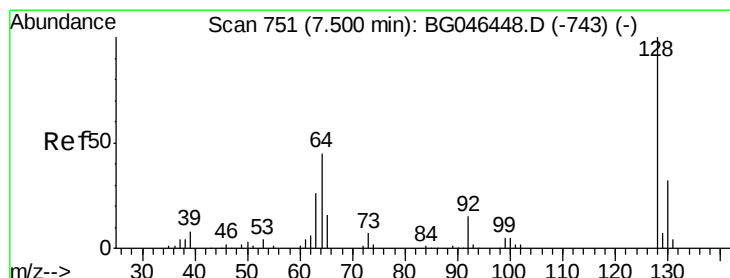
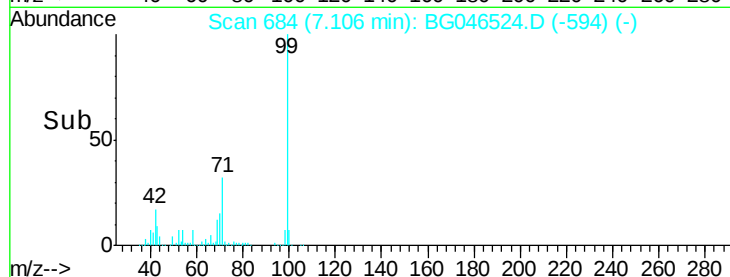
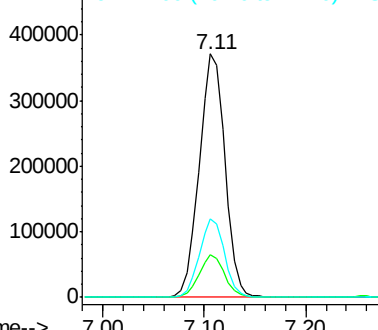
99 100

42 17.3 13.3 19.9

71 32.2 25.3 37.9



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



#8

2-Chlorophenol

Concen: 50.612 ng

RT: 7.50 min Scan# 751

Delta R.T. -0.00 min

Lab File: BG046524.D

Acq: 3 Sep 2020 20:10

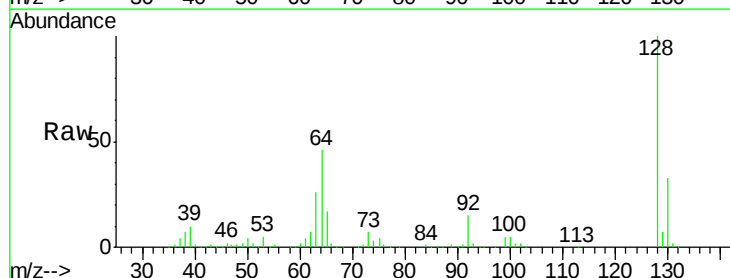
Tgt Ion: 128 Resp: 250497

Ion Ratio Lower Upper

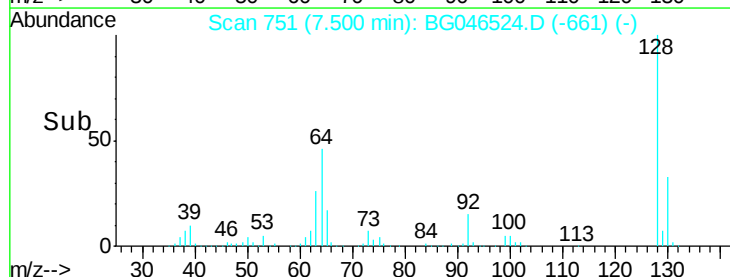
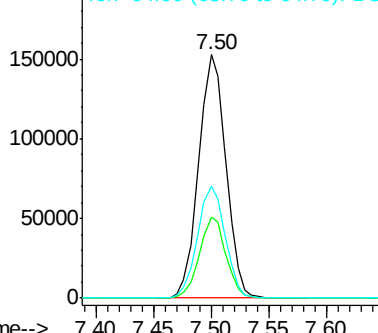
128 100

130 33.1 12.4 52.4

64 46.2 28.1 68.1



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: 37.146 ng

RT: 7.06 min Scan# 677

Delta R.T. -0.00 min

Lab File: BG046524.D

Acq: 3 Sep 2020 20:10

Instrument :

BNA_G

ClientSampleId :

TR-05-090220MSD

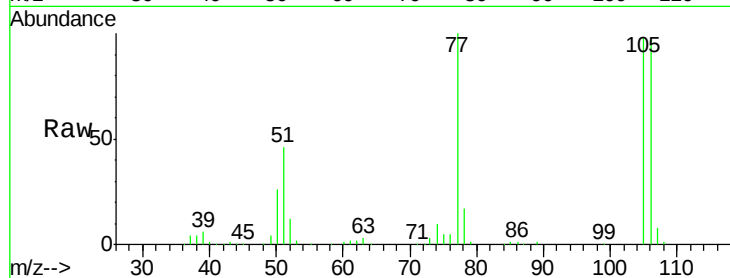
Tot Ion: 77 Resp: 138154

Ion Ratio Lower Upper

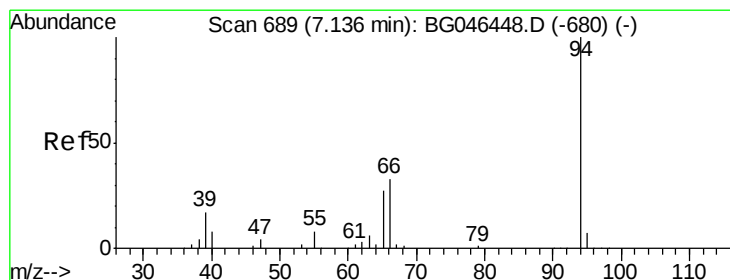
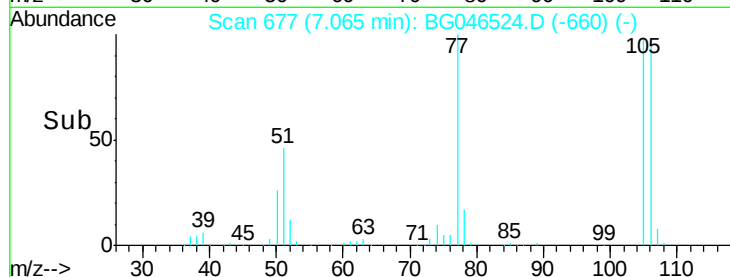
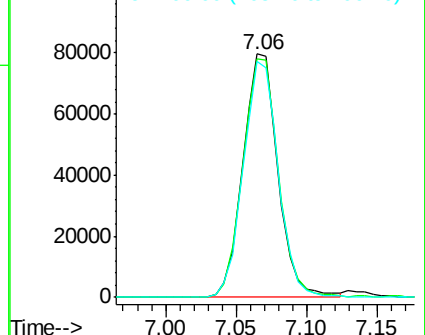
77 100

105 98.0 85.6 125.6

106 96.8 80.8 120.8



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: 43.613 ng

RT: 7.14 min Scan# 689

Delta R.T. 0.01 min

Lab File: BG046524.D

Acq: 3 Sep 2020 20:10

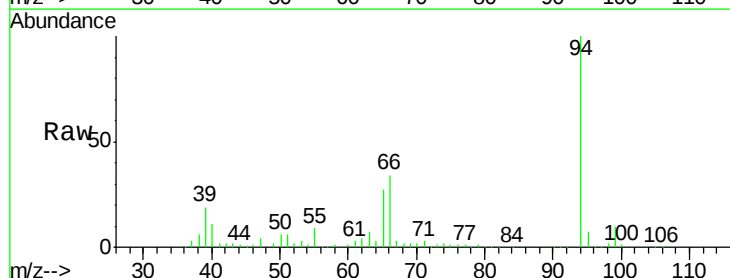
Tgt Ion: 94 Resp: 266665

Ion Ratio Lower Upper

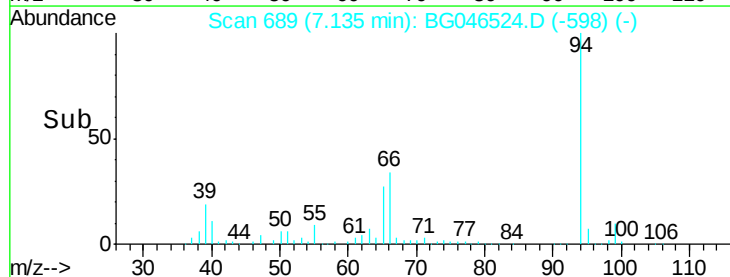
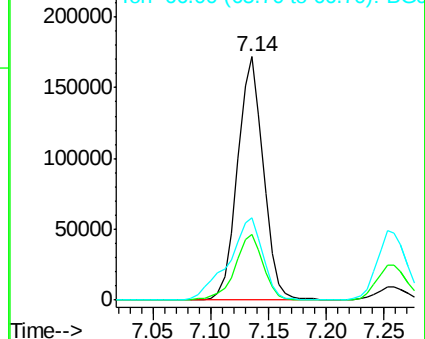
94 100

65 27.1 7.5 47.5

66 33.6 14.1 54.1



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

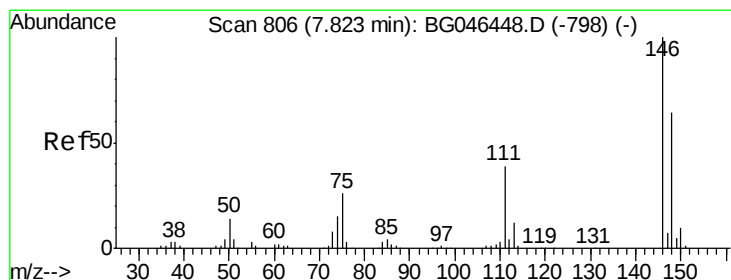
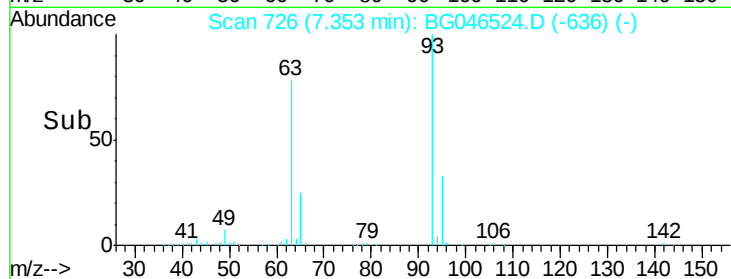
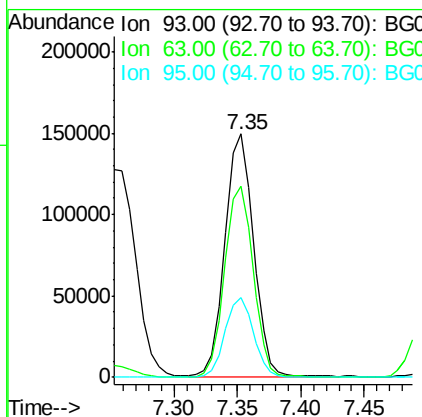
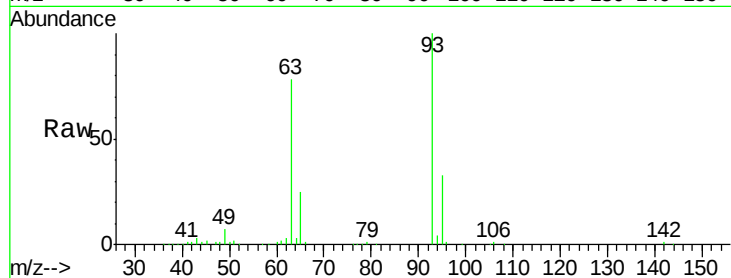




#11
 bis(2-Chloroethyl)ether
 Concen: 47.330 ng
 RT: 7.35 min Scan# 726
 Delta R.T. -0.00 min
 Lab File: BG046524.D
 Acq: 3 Sep 2020 20:10

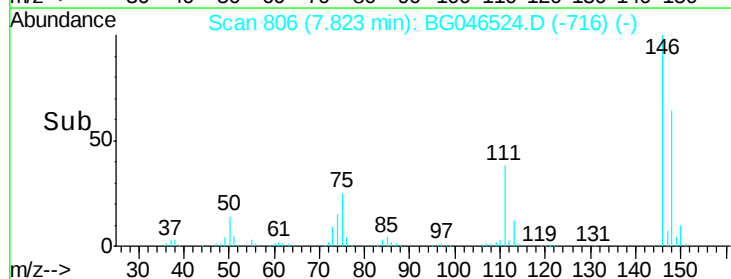
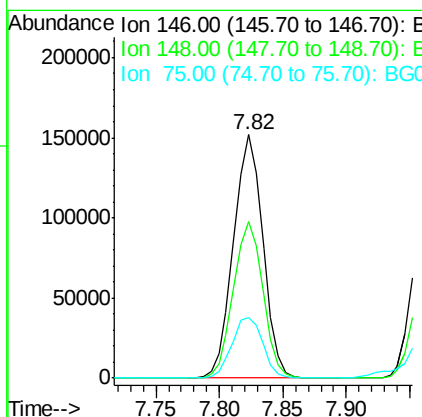
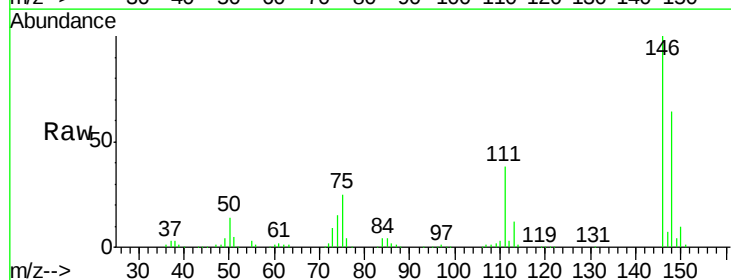
Instrument :
 BNA_G
 ClientSampleId :
 TR-05-090220MSD

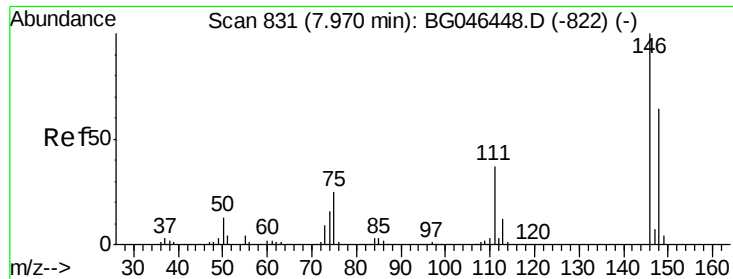
Tot Ion:	93	Resp:	232615
Ion	Ratio	Lower	Upper
93	100		
63	78.4	57.7	97.7
95	33.0	12.3	52.3



#12
 1,3-Dichlorobenzene
 Concen: 38.808 ng
 RT: 7.82 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: BG046524.D
 Acq: 3 Sep 2020 20:10

Tgt Ion:	146	Resp:	243859
Ion	Ratio	Lower	Upper
146	100		
148	64.2	51.4	77.0
75	24.7	20.7	31.1

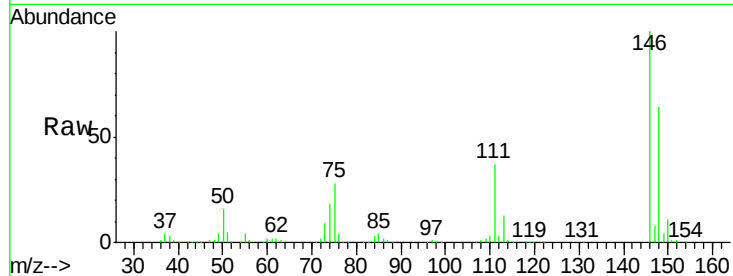




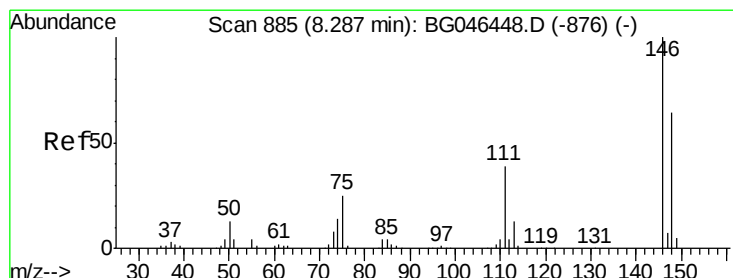
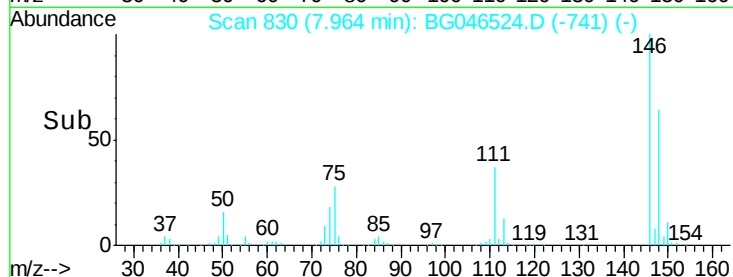
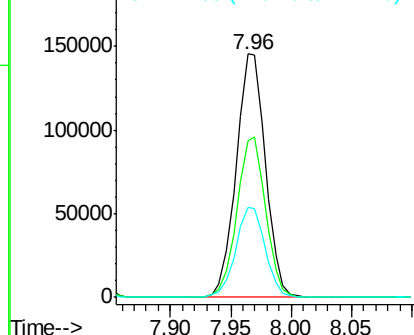
#13
 1,4-Dichlorobenzene
 Concen: 39.080 ng
 RT: 7.96 min Scan# 830
 Delta R.T. -0.01 min
 Lab File: BG046524.D
 Acq: 3 Sep 2020 20:10

Instrument :
 BNA_G
 ClientSampleId :
 TR-05-090220MSD

Tot Ion:146 Resp: 245847
 Ion Ratio Lower Upper
 146 100
 148 64.1 50.9 76.3
 111 36.8 29.8 44.6

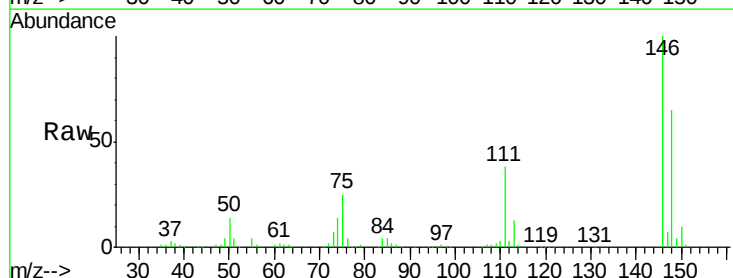


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

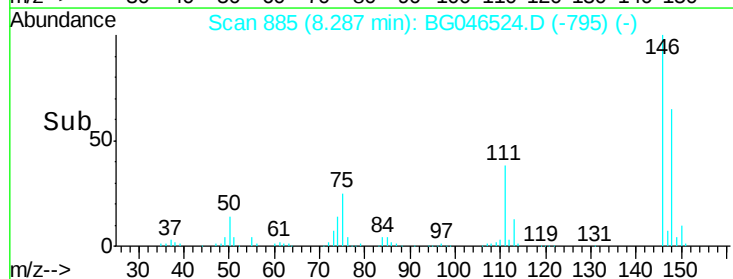
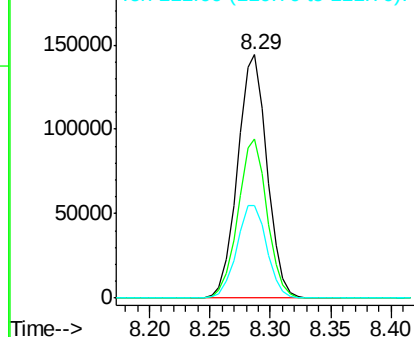


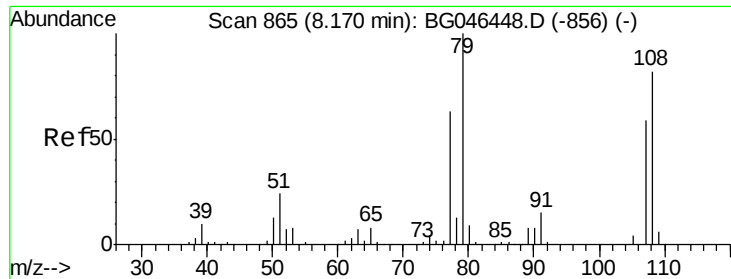
#14
 1,2-Dichlorobenzene
 Concen: 40.552 ng
 RT: 8.29 min Scan# 885
 Delta R.T. -0.00 min
 Lab File: BG046524.D
 Acq: 3 Sep 2020 20:10

Tgt Ion:146 Resp: 244612
 Ion Ratio Lower Upper
 146 100
 148 65.1 51.4 77.0
 111 38.3 31.4 47.2



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: 51.802 ng

RT: 8.17 min Scan# 865

Delta R.T. -0.00 min

Lab File: BG046524.D

Acq: 3 Sep 2020 20:10

Instrument :

BNA_G

ClientSampleId :

TR-05-090220MSD

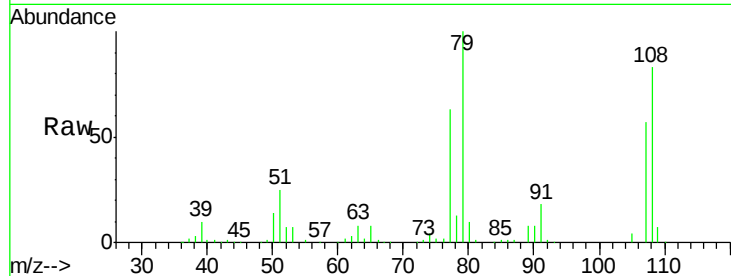
Tot Ion: 79 Resp: 220781

Ion Ratio Lower Upper

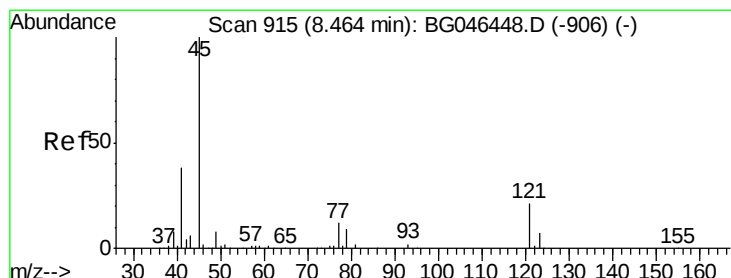
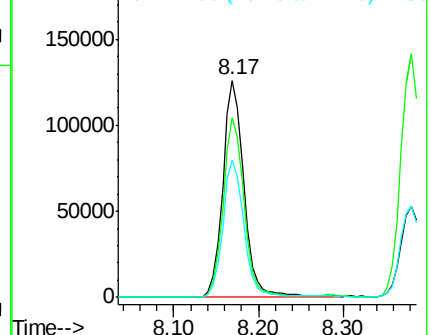
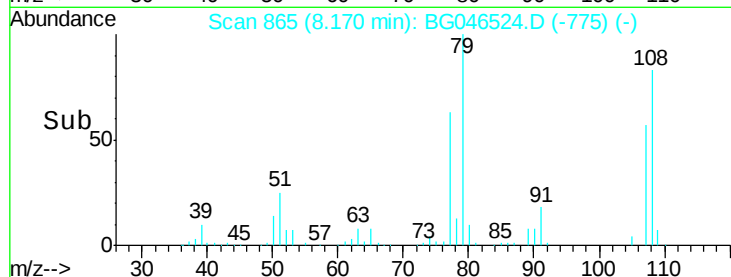
79 100

108 82.5 65.7 98.5

77 63.5 50.3 75.5



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC



#16

2,2'-oxybis(1-chloropropane)

Concen: 44.986 ng

RT: 8.46 min Scan# 915

Delta R.T. 0.01 min

Lab File: BG046524.D

Acq: 3 Sep 2020 20:10

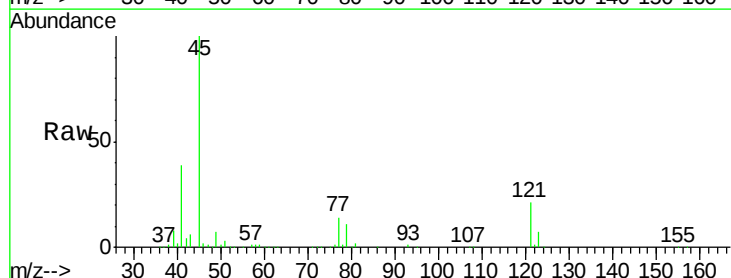
Tgt Ion: 45 Resp: 342947

Ion Ratio Lower Upper

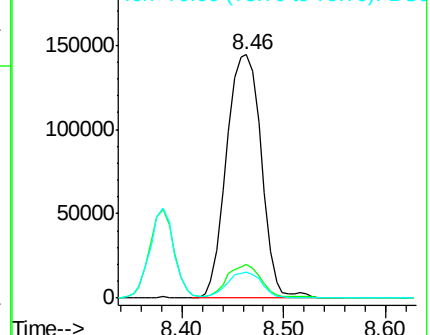
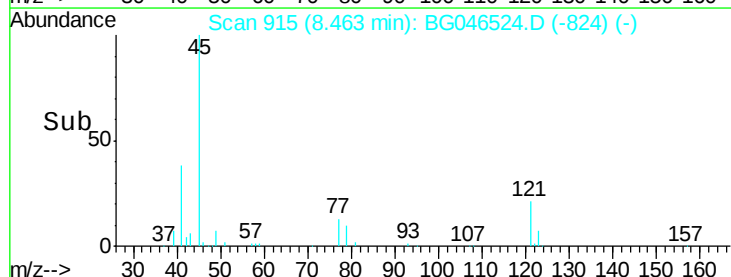
45 100

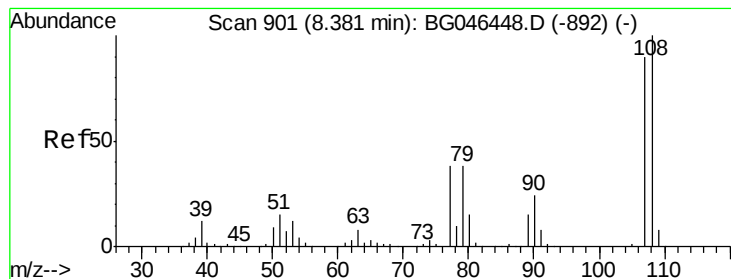
77 13.7 0.0 33.2

79 10.6 0.0 30.3



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

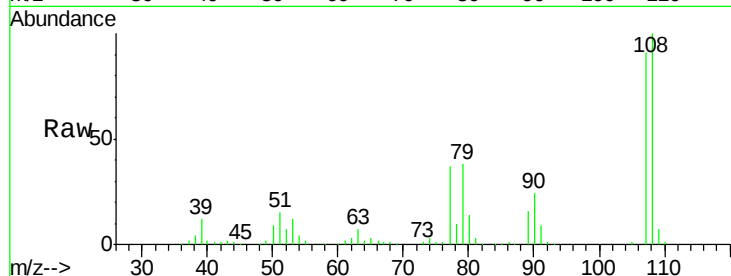




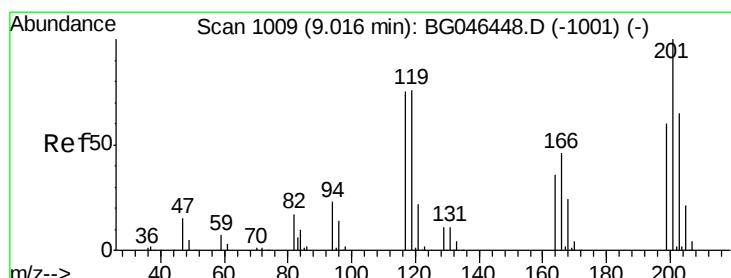
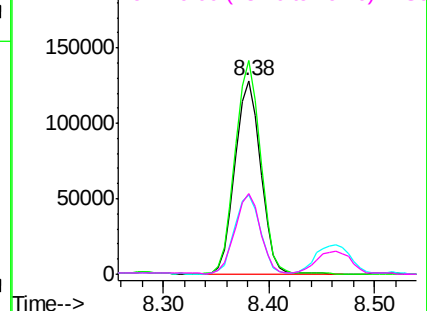
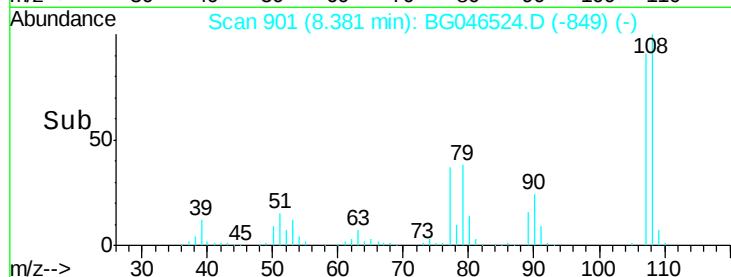
#17
2-Methylphenol
Concen: 49.171 ng
RT: 8.38 min Scan# 901
Delta R.T. 0.01 min
Lab File: BG046524.D
Acq: 3 Sep 2020 20:10

Instrument :
BNA_G
ClientSampleId :
TR-05-090220MSD

Tot Ion:	107	Resp:	213216
Ion	Ratio	Lower	Upper
107	100		
108	110.3	89.4	134.0
77	41.3	34.5	51.7
79	41.5	33.8	50.6

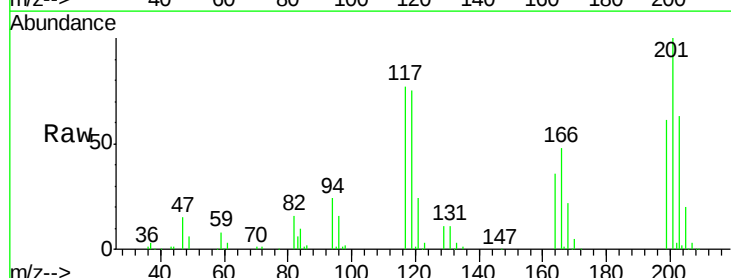


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

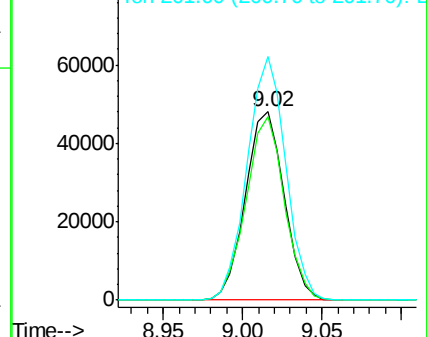
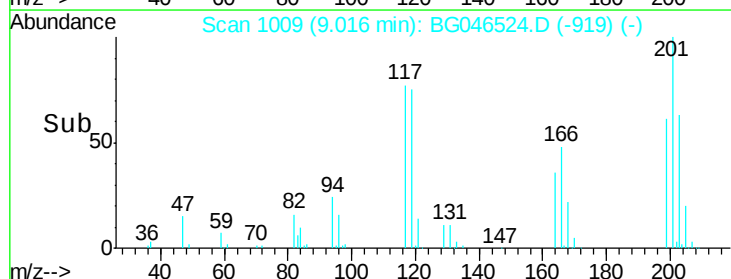


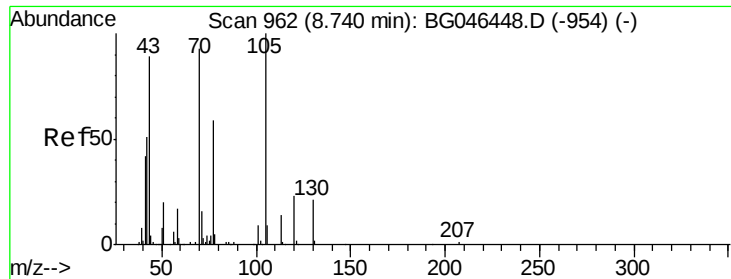
#18
Hexachloroethane
Concen: 38.278 ng
RT: 9.02 min Scan# 1009
Delta R.T. -0.00 min
Lab File: BG046524.D
Acq: 3 Sep 2020 20:10

Tgt Ion:	117	Resp:	81647
Ion	Ratio	Lower	Upper
117	100		
119	97.3	80.8	121.2
201	129.5	106.7	160.1



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

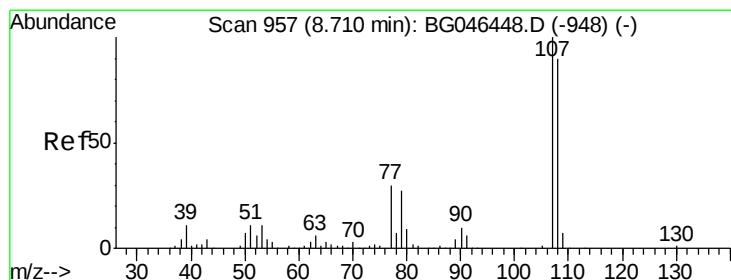
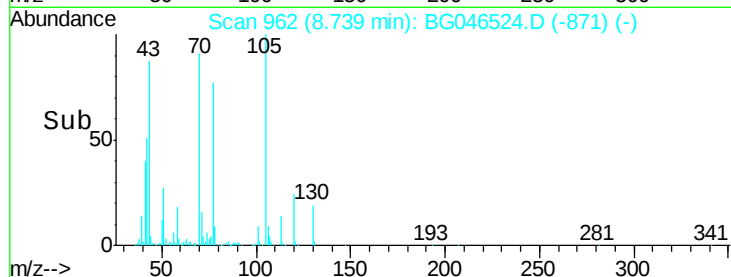
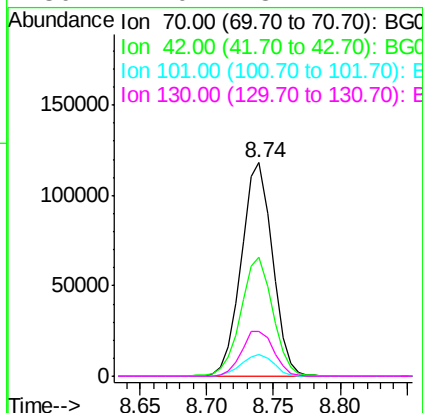
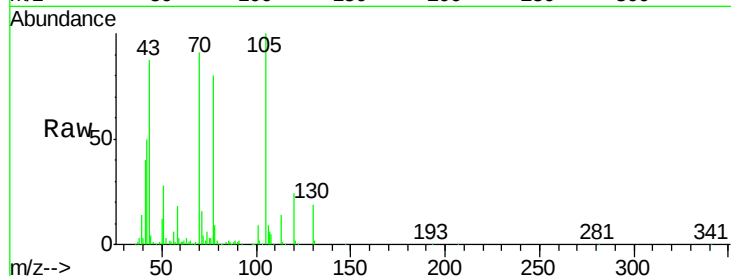




#19
n-Nitroso-di-n-propylamine
Concen: 47.963 ng
RT: 8.74 min Scan# 962
Delta R.T. 0.01 min
Lab File: BG046524.D
Acq: 3 Sep 2020 20:10

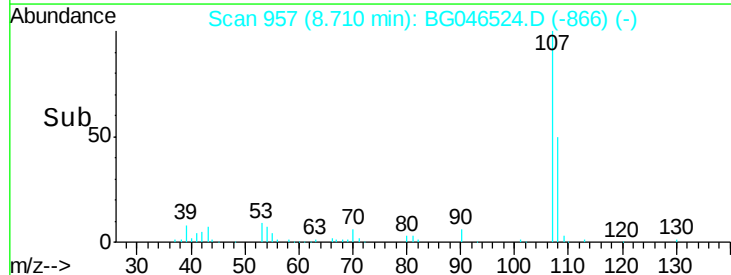
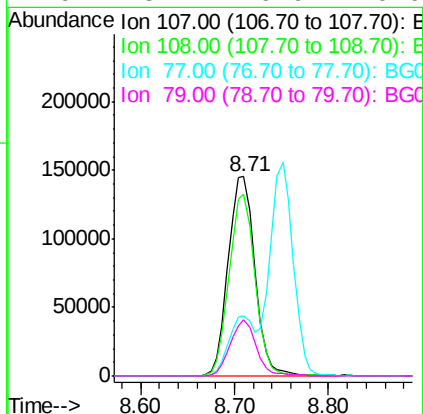
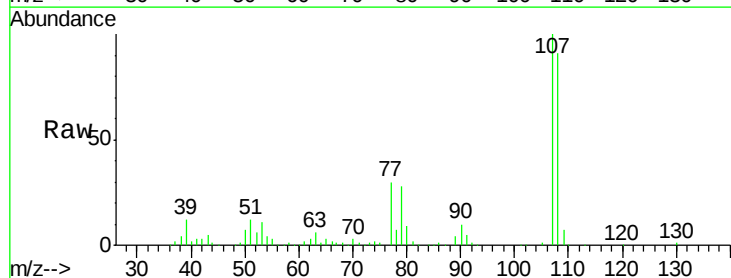
Instrument :
BNA_G
ClientSampleId :
TR-05-090220MSD

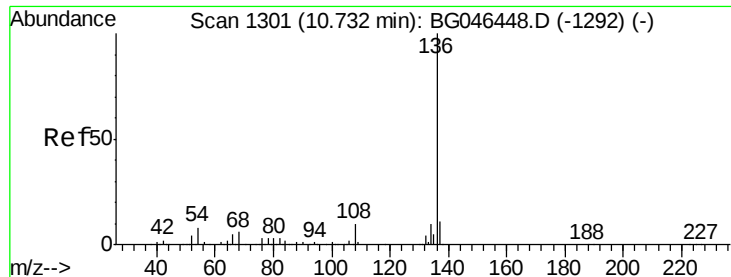
Tot Ion:	70	Resp:	190456
Ion	Ratio	Lower	Upper
70	100		
42	55.6	44.2	66.2
101	10.3	7.8	11.8
130	21.0	18.2	27.4



#20
3+4-Methylphenols
Concen: 48.170 ng
RT: 8.71 min Scan# 957
Delta R.T. 0.01 min
Lab File: BG046524.D
Acq: 3 Sep 2020 20:10

Tgt Ion:	107	Resp:	288307
Ion	Ratio	Lower	Upper
107	100		
108	91.0	69.7	109.7
77	30.4	9.7	49.7
79	28.2	6.9	46.9

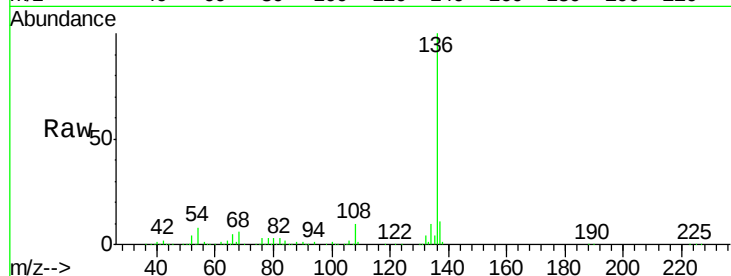




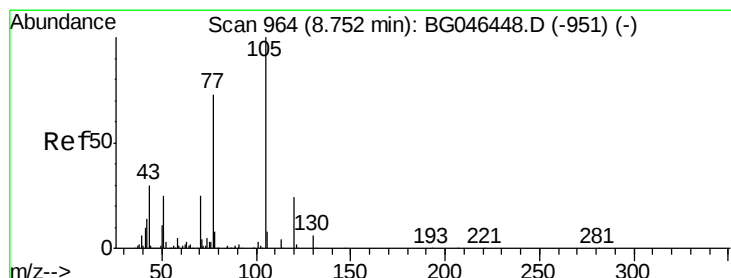
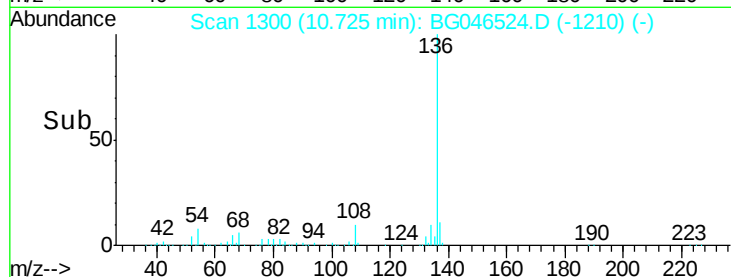
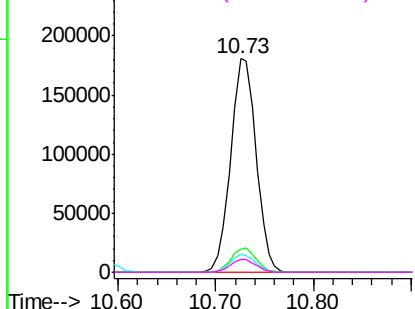
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.73 min Scan# 1300
Delta R.T. -0.00 min
Lab File: BG046524.D
Acq: 3 Sep 2020 20:10

Instrument :
BNA_G
ClientSampleId :
TR-05-090220MSD

Tot Ion:136	Resp:	326807
Ion Ratio	Lower	Upper
136 100		
137 10.5	8.8	13.2
54 8.2	6.1	9.1
68 6.2	4.8	7.2

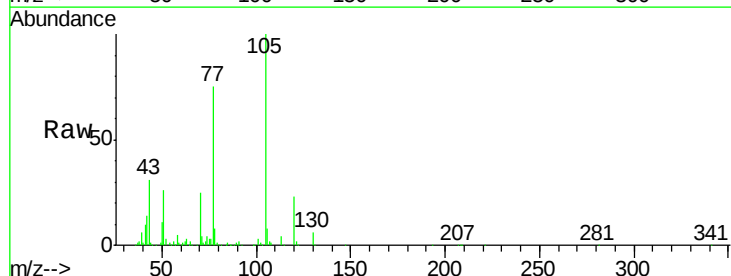


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

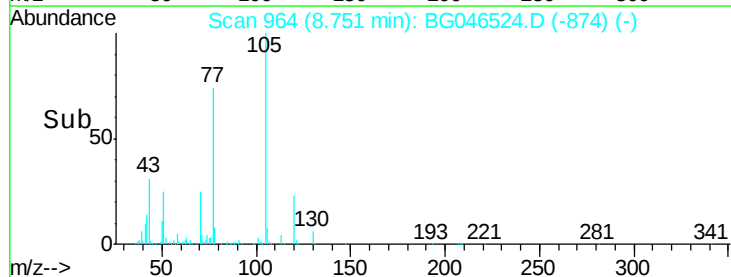
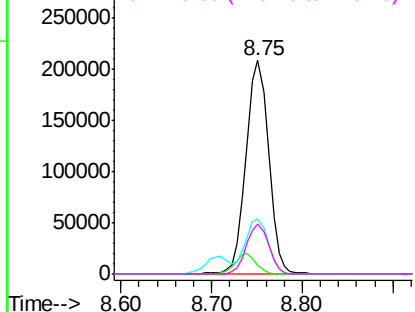


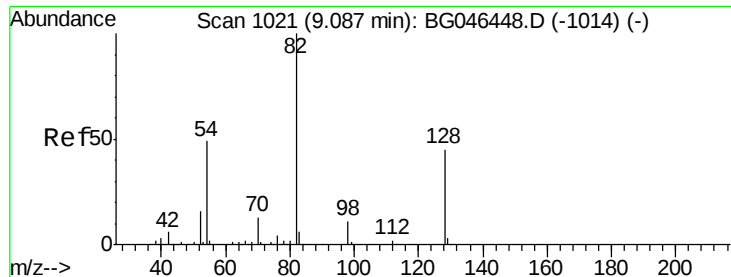
#22
Acetophenone
Concen: 45.737 ng
RT: 8.75 min Scan# 964
Delta R.T. -0.00 min
Lab File: BG046524.D
Acq: 3 Sep 2020 20:10

Tgt Ion:105	Resp:	363846
Ion Ratio	Lower	Upper
105 100		
71 4.1	3.3	4.9
51 25.5	20.6	31.0
120 23.4	19.0	28.6



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

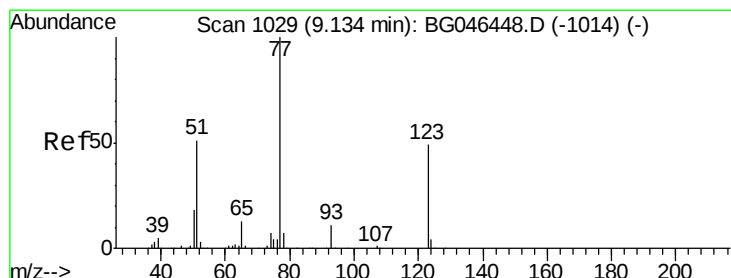
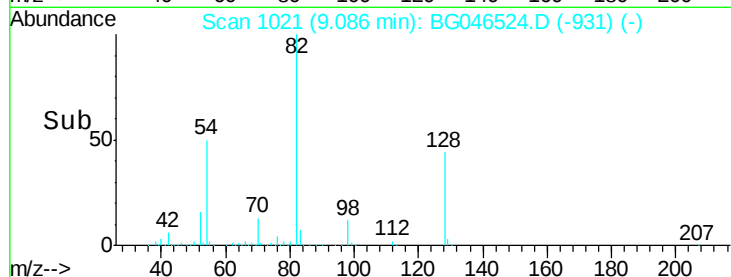
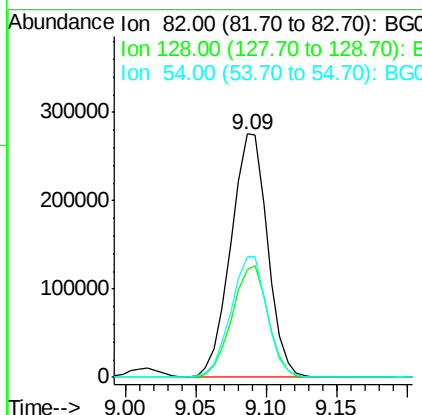
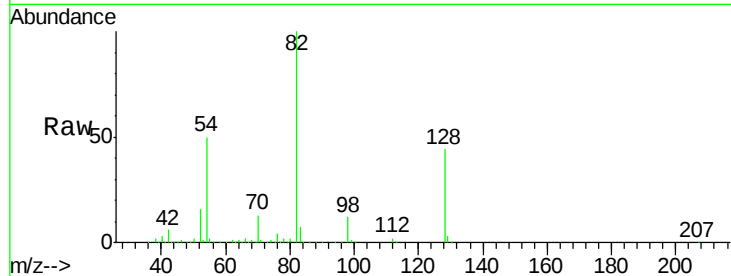




#23
 Nitrobenzene-d5
 Concen: 87.181 ng
 RT: 9.09 min Scan# 1021
 Delta R.T. -0.00 min
 Lab File: BG046524.D
 Acq: 3 Sep 2020 20:10

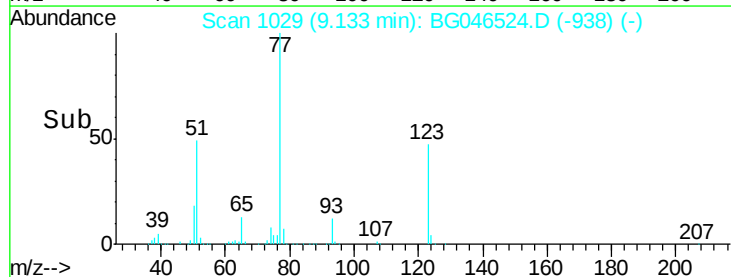
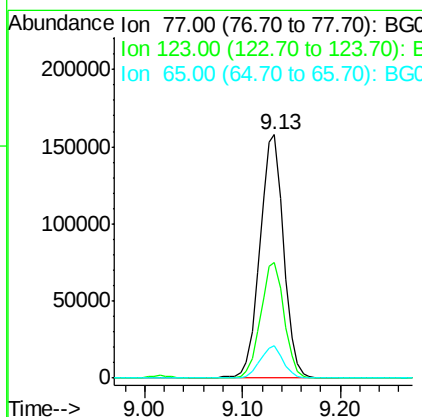
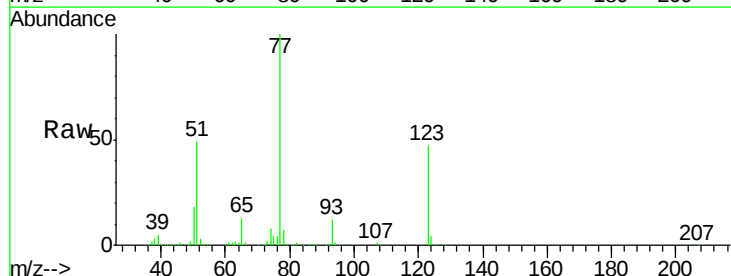
Instrument :
 BNA_G
 ClientSampleId :
 TR-05-090220MSD

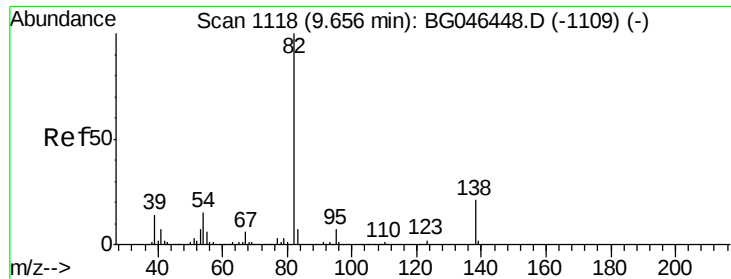
Tot Ion	82	Resp	498491
Ion Ratio	Lower	Upper	
82	100		
128	44.4	35.7	53.5
54	49.7	39.4	59.0



#24
 Nitrobenzene
 Concen: 47.957 ng
 RT: 9.13 min Scan# 1029
 Delta R.T. 0.01 min
 Lab File: BG046524.D
 Acq: 3 Sep 2020 20:10

Tgt Ion	77	Resp	270905
Ion Ratio	Lower	Upper	
77	100		
123	47.3	39.6	59.4
65	13.3	10.1	15.1





#25

Isophorone

Concen: 49.702 ng

RT: 9.66 min Scan# 1118

Delta R.T. 0.01 min

Lab File: BG046524.D

Acq: 3 Sep 2020 20:10

Instrument :

BNA_G

ClientSampleId :

TR-05-090220MSD

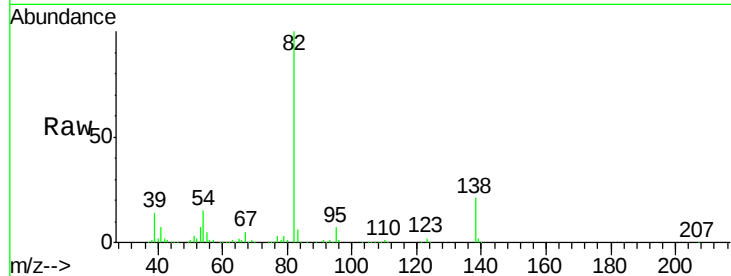
Tot Ion: 82 Resp: 521032

Ion Ratio Lower Upper

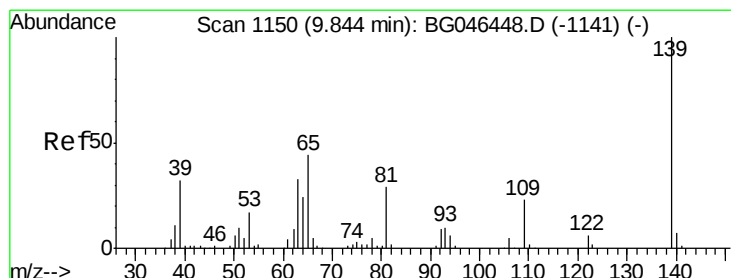
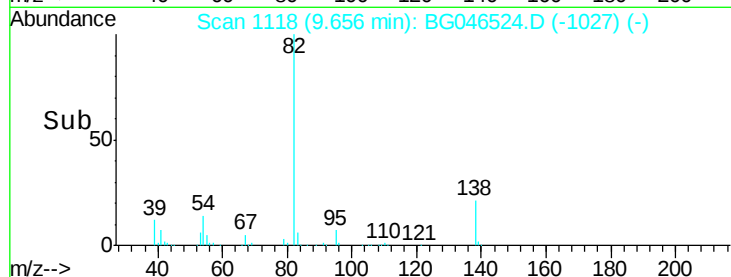
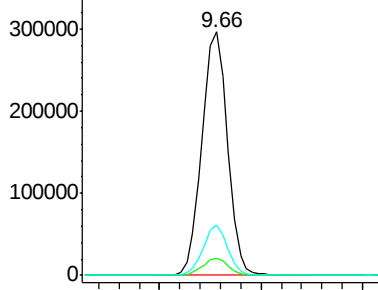
82 100

95 7.3 5.8 8.6

138 20.7 16.4 24.6



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



#26

2-Nitrophenol

Concen: 50.146 ng

RT: 9.84 min Scan# 1150

Delta R.T. 0.01 min

Lab File: BG046524.D

Acq: 3 Sep 2020 20:10

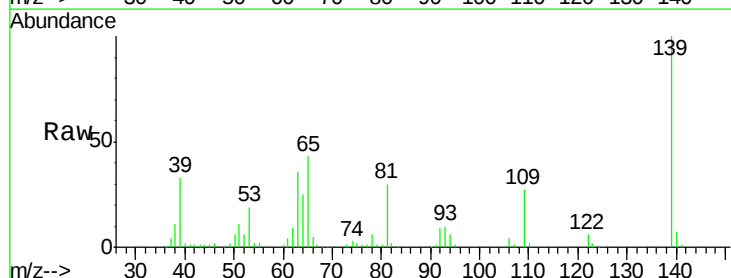
Tgt Ion: 139 Resp: 149457

Ion Ratio Lower Upper

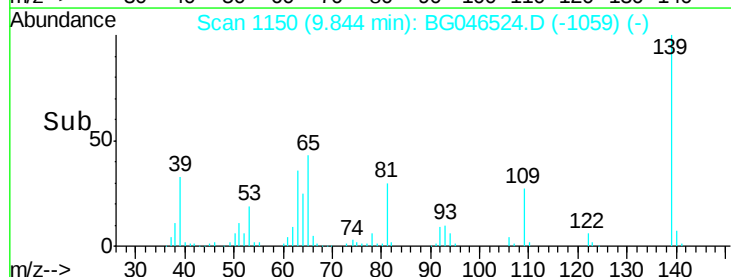
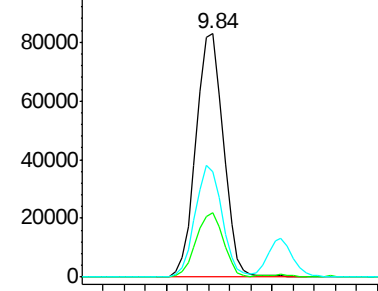
139 100

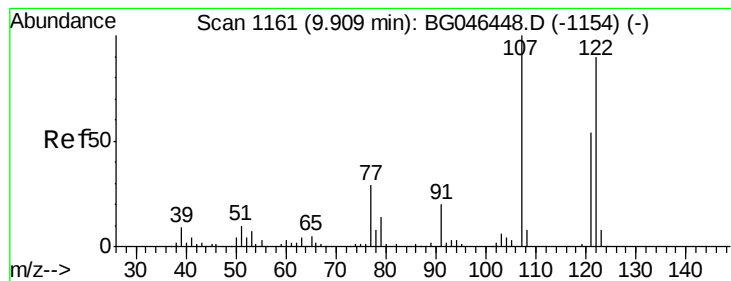
109 26.6 18.8 28.2

65 43.5 35.0 52.6



Abundance Ion 139.00 (138.70 to 139.70): BGC
Ion 109.00 (108.70 to 109.70): BGC
Ion 65.00 (64.70 to 65.70): BGC

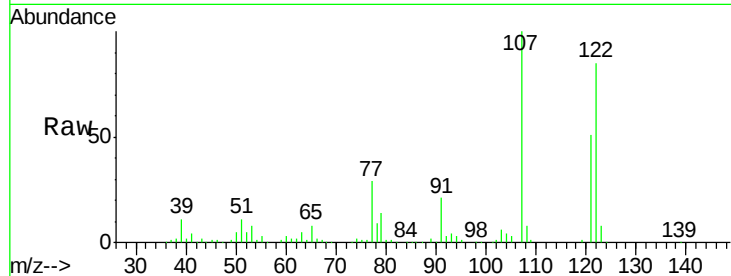




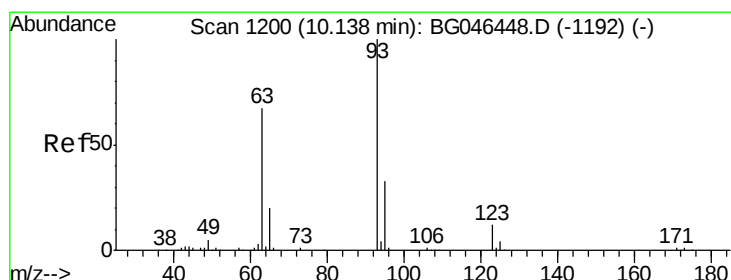
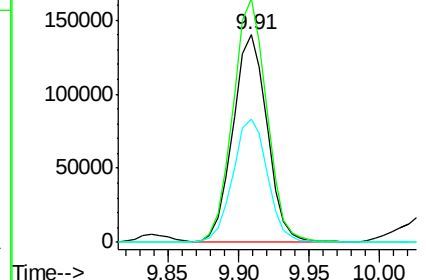
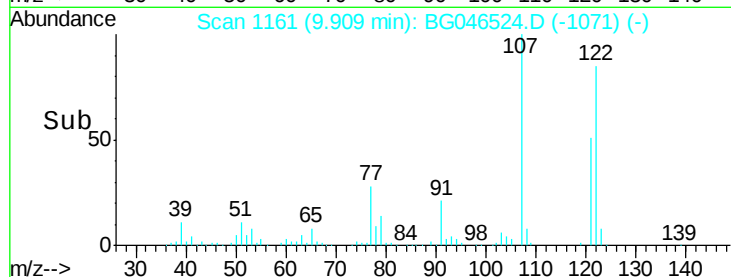
#27
2,4-Dimethylphenol
Concen: 57.355 ng
RT: 9.91 min Scan# 1161
Delta R.T. -0.00 min
Lab File: BG046524.D
Acq: 3 Sep 2020 20:10

Instrument :
BNA_G
ClientSampleId :
TR-05-090220MSD

Tot Ion:122 Resp: 235112
Ion Ratio Lower Upper
122 100
107 117.3 88.2 132.2
121 59.6 47.4 71.0

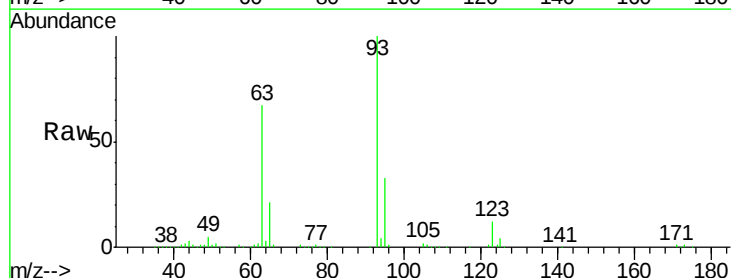


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

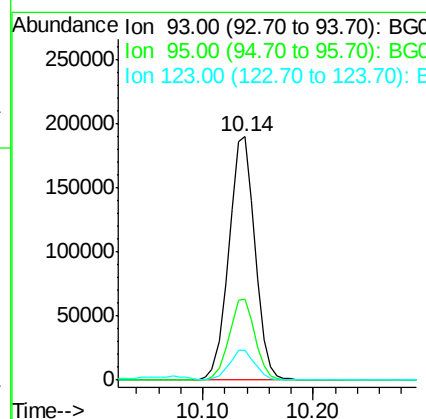
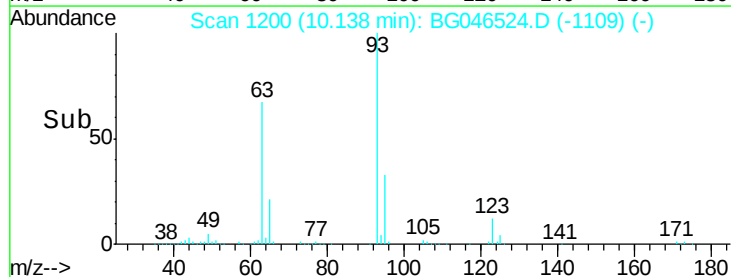


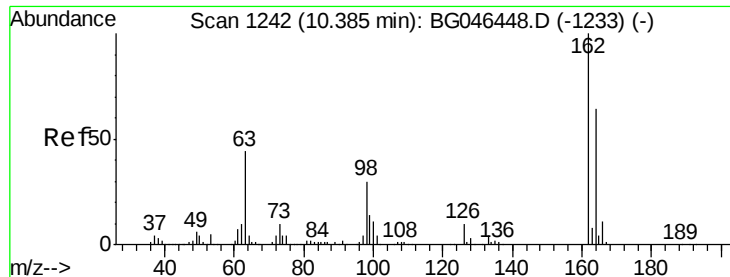
#28
bis(2-Chloroethoxy)methane
Concen: 46.592 ng
RT: 10.14 min Scan# 1200
Delta R.T. 0.01 min
Lab File: BG046524.D
Acq: 3 Sep 2020 20:10

Tgt Ion: 93 Resp: 314370
Ion Ratio Lower Upper
93 100
95 33.3 26.1 39.1
123 12.2 9.5 14.3



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

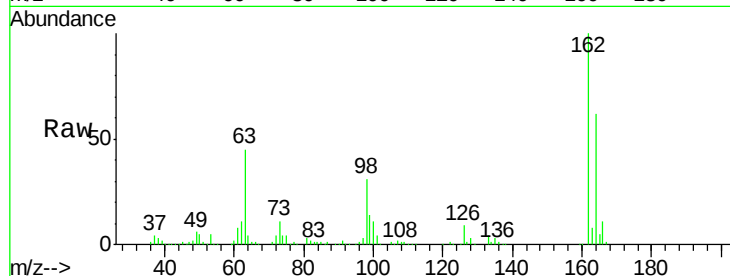




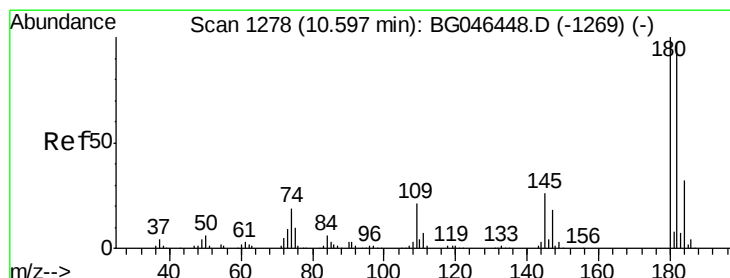
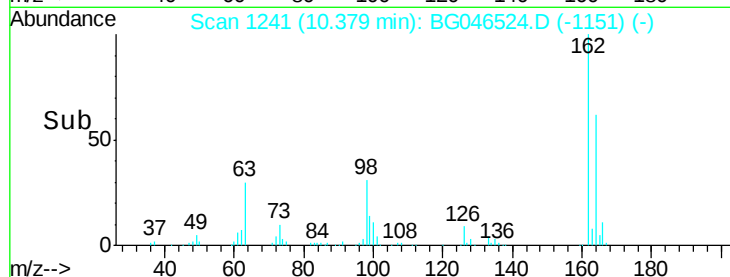
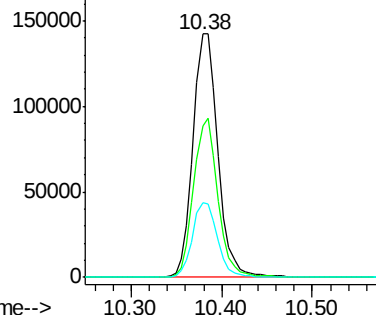
#29
 2,4-Dichlorophenol
 Concen: 49.772 ng
 RT: 10.38 min Scan# 1241
 Delta R.T. -0.00 min
 Lab File: BG046524.D
 Acq: 3 Sep 2020 20:10

Instrument :
 BNA_G
 ClientSampleId :
 TR-05-090220MSD

Tot Ion	Ratio	Lower	Upper
162	100		
164	62.4	44.3	84.3
98	30.7	10.0	50.0

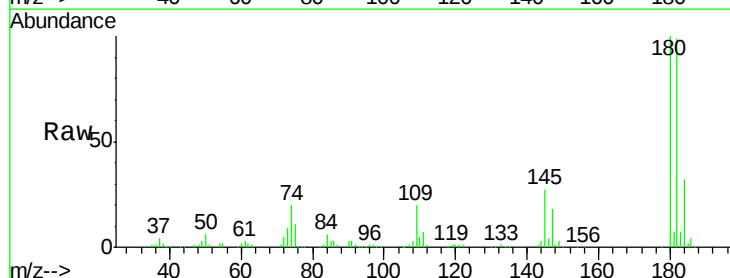


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): B

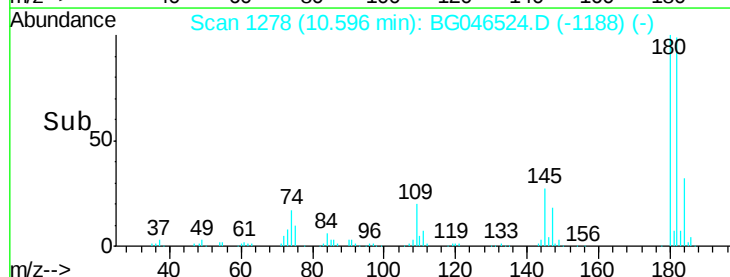
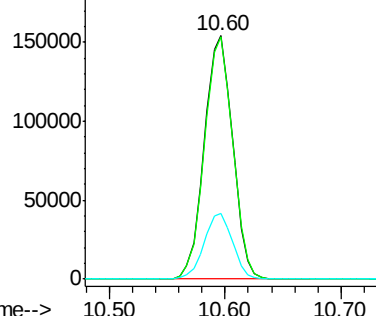


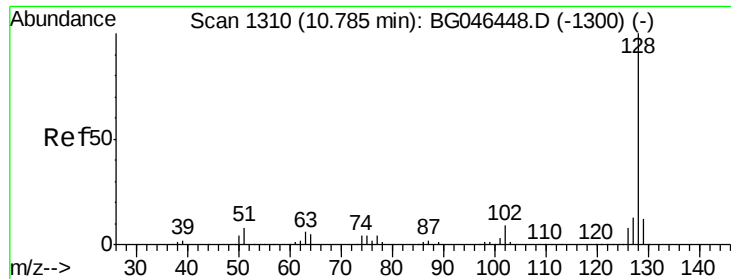
#30
 1,2,4-Trichlorobenzene
 Concen: 40.505 ng
 RT: 10.60 min Scan# 1278
 Delta R.T. -0.00 min
 Lab File: BG046524.D
 Acq: 3 Sep 2020 20:10

Tgt Ion	Ratio	Lower	Upper
180	100		
182	99.4	77.8	116.8
145	27.1	20.9	31.3



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

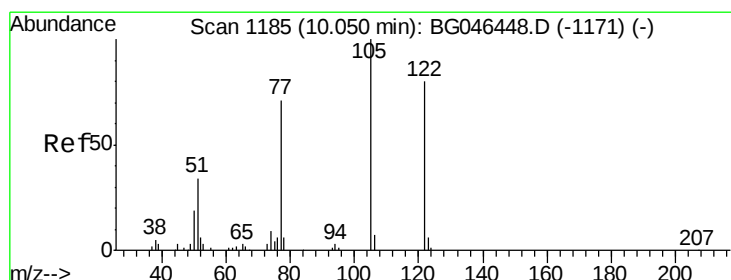
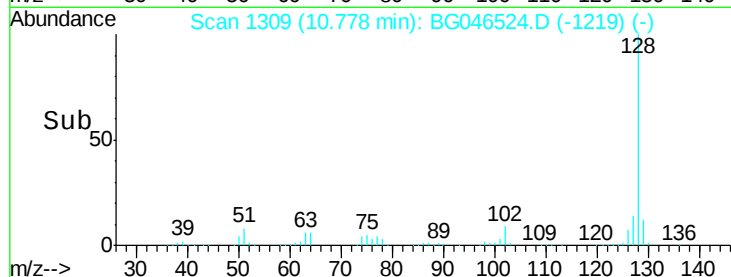
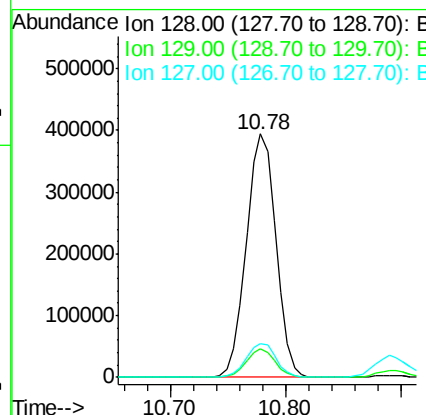
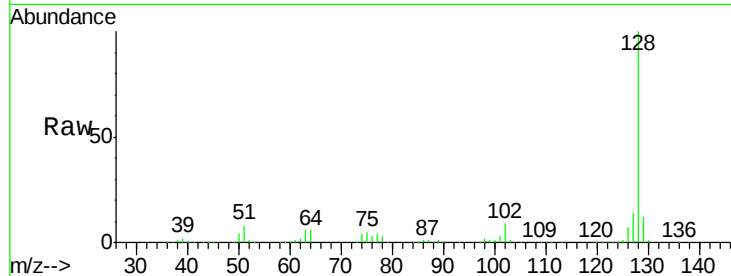




#31
Naphthalene
Concen: 44.030 ng
RT: 10.78 min Scan# 1309
Delta R.T. -0.00 min
Lab File: BG046524.D
Acq: 3 Sep 2020 20:10

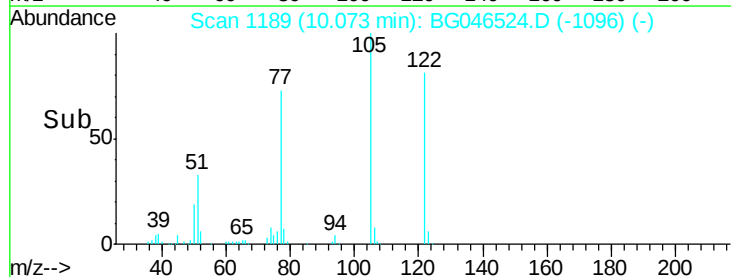
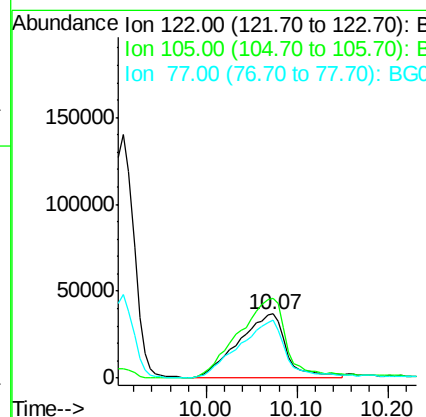
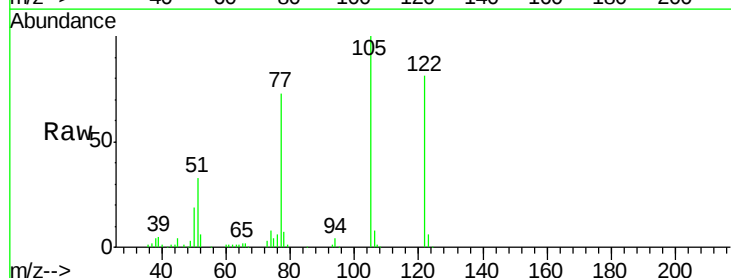
Instrument :
BNA_G
ClientSampleId :
TR-05-090220MSD

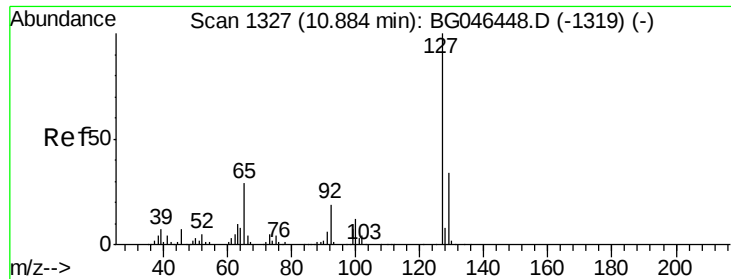
Tot Ion:128 Resp: 702584
Ion Ratio Lower Upper
128 100
129 11.6 9.2 13.8
127 14.1 10.7 16.1



#32
Benzoic acid
Concen: 44.764 ng
RT: 10.07 min Scan# 1189
Delta R.T. 0.02 min
Lab File: BG046524.D
Acq: 3 Sep 2020 20:10

Tgt Ion:122 Resp: 133268
Ion Ratio Lower Upper
122 100
105 124.1 102.5 142.5
77 91.1 68.2 108.2

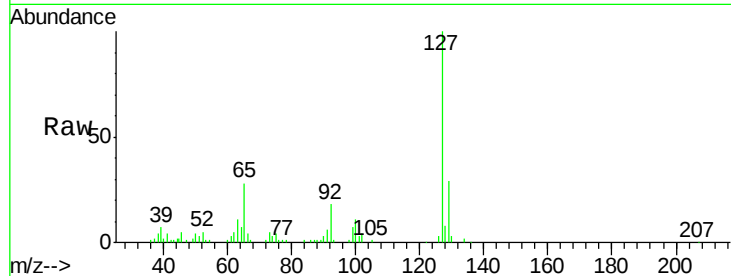




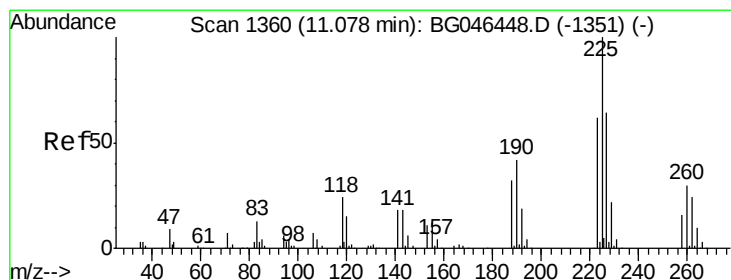
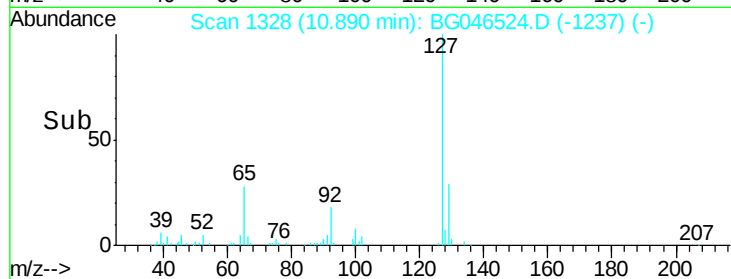
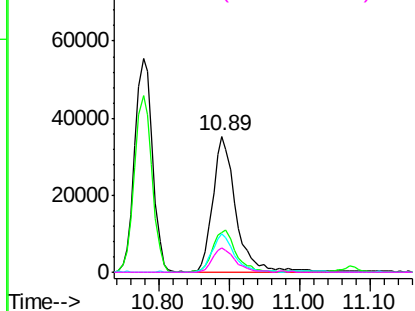
#33
4-Chloroaniline
Concen: 11.430 ng
RT: 10.89 min Scan# 1328
Delta R.T. 0.01 min
Lab File: BG046524.D
Acq: 3 Sep 2020 20:10

Instrument :
BNA_G
ClientSampleId :
TR-05-090220MSD

Tot Ion:127	Resp:	80427	
Ion	Ratio	Lower	Upper
127	100		
129	28.9	27.0	40.4
65	27.8	23.5	35.3
92	18.2	14.9	22.3

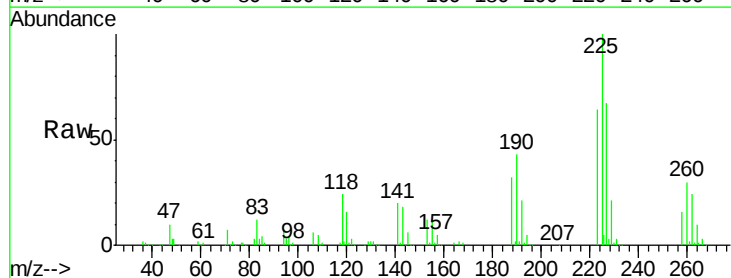


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

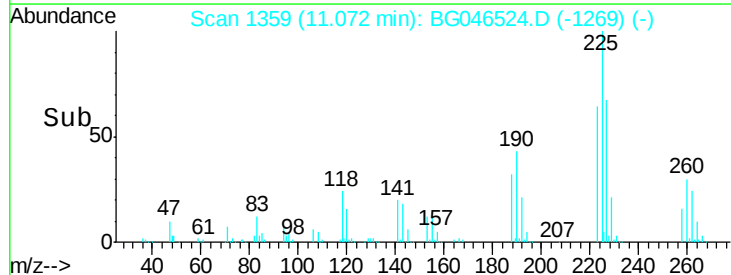
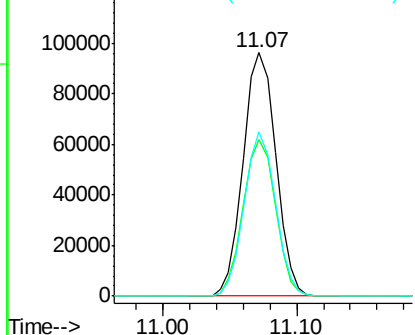


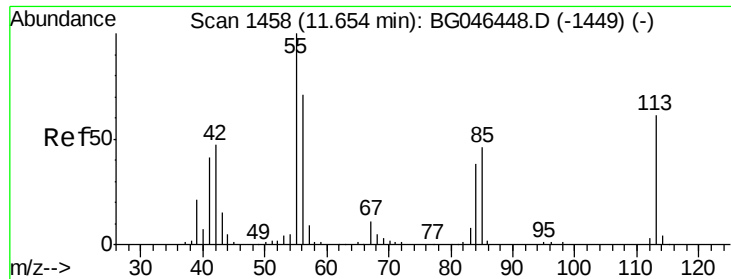
#34
Hexachlorobutadiene
Concen: 38.805 ng
RT: 11.07 min Scan# 1359
Delta R.T. -0.00 min
Lab File: BG046524.D
Acq: 3 Sep 2020 20:10

Tgt	Ion:225	Resp:	163330
Ion	Ratio	Lower	Upper
225	100		
223	64.5	49.9	74.9
227	67.3	51.6	77.4



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

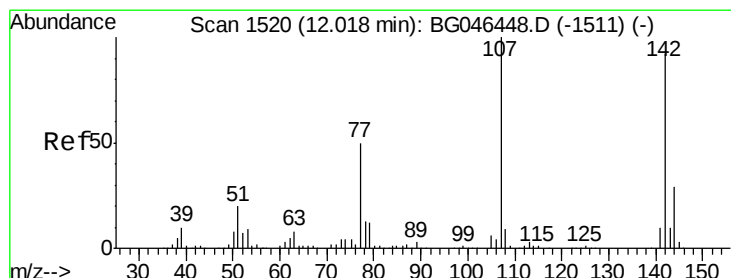
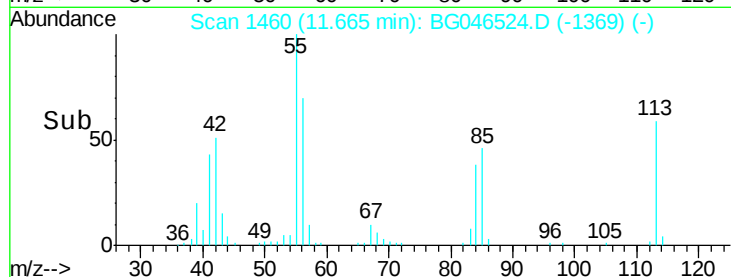
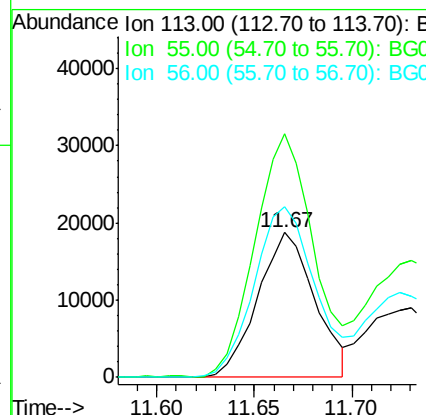
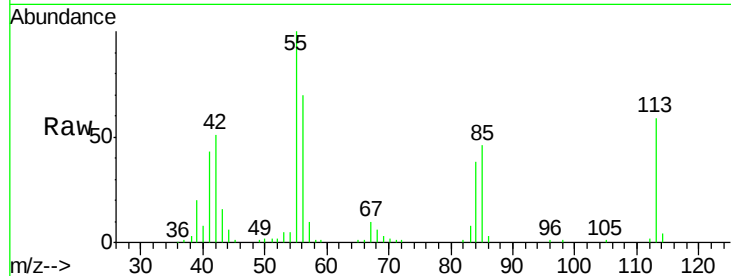




#35
Caprolactam
Concen: 18.597 ng
RT: 11.67 min Scan# 1460
Delta R.T. 0.01 min
Lab File: BG046524.D
Acq: 3 Sep 2020 20:10

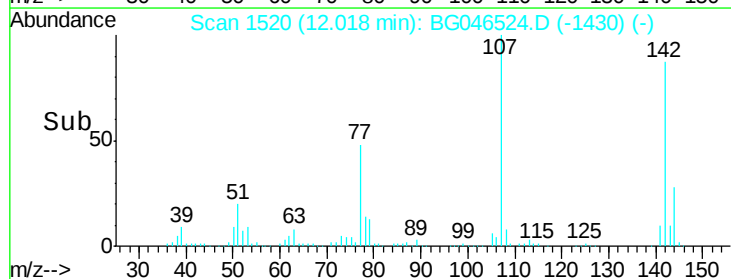
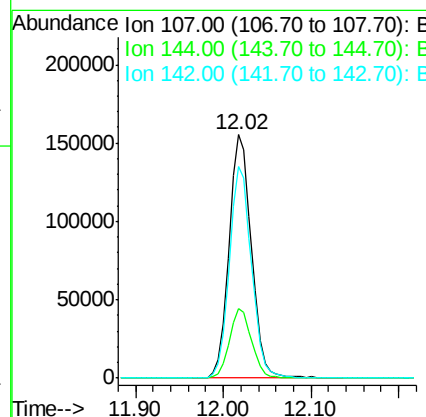
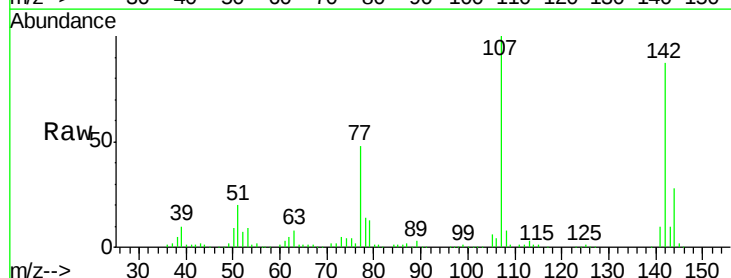
Instrument :
BNA_G
ClientSampleId :
TR-05-090220MSD

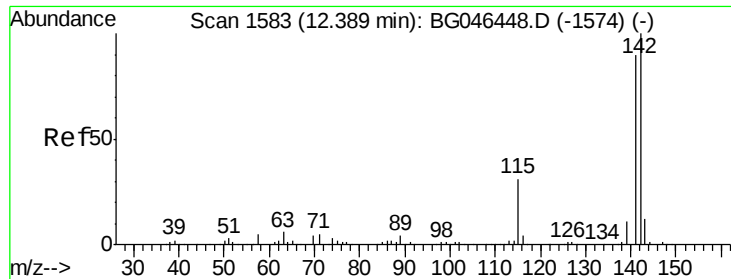
Tot Ion:113 Resp: 37987
Ion Ratio Lower Upper
113 100
55 168.2 144.2 184.2
56 118.2 97.0 137.0



#36
4-Chloro-3-methylphenol
Concen: 50.615 ng
RT: 12.02 min Scan# 1520
Delta R.T. -0.00 min
Lab File: BG046524.D
Acq: 3 Sep 2020 20:10

Tgt Ion:107 Resp: 270523
Ion Ratio Lower Upper
107 100
144 28.4 23.3 34.9
142 87.0 73.7 110.5

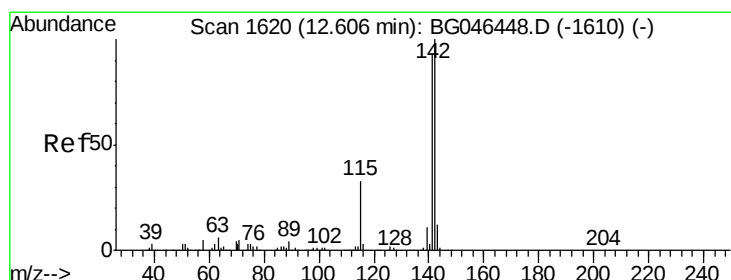
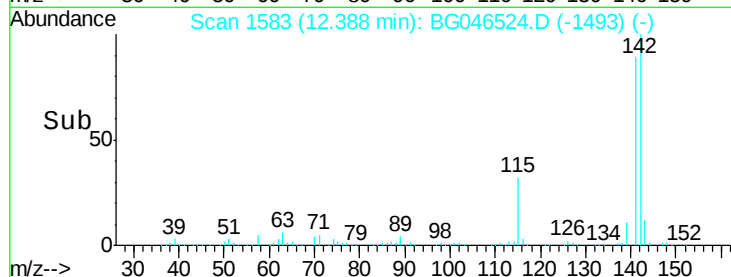
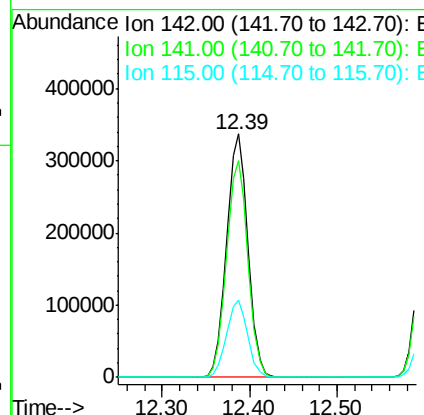
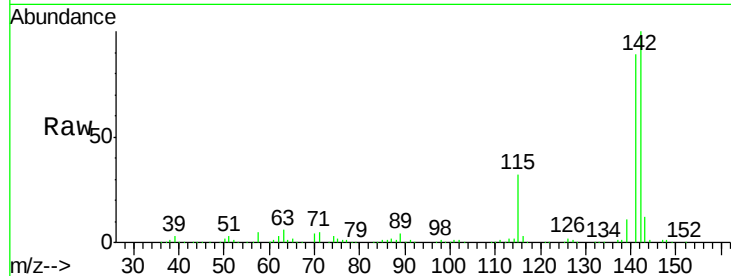




#37
2-Methylnaphthalene
Concen: 45.011 ng
RT: 12.39 min Scan# 1583
Delta R.T. -0.00 min
Lab File: BG046524.D
Acq: 3 Sep 2020 20:10

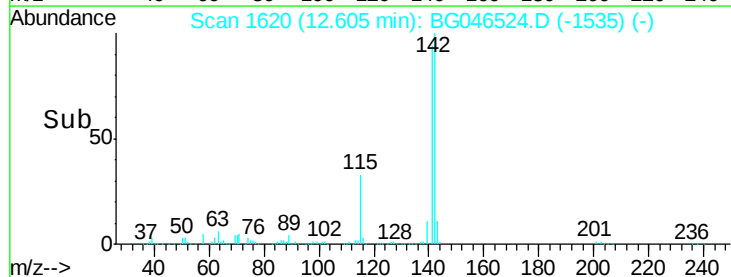
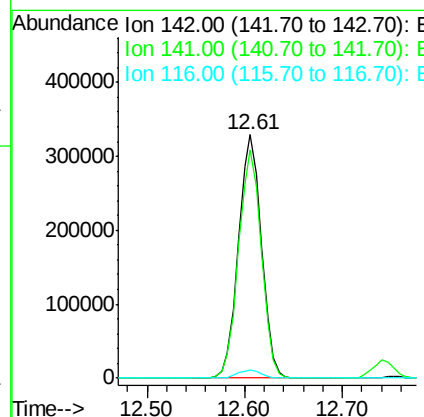
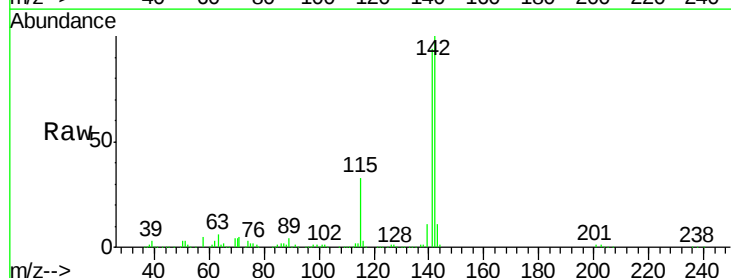
Instrument :
BNA_G
ClientSampleId :
TR-05-090220MSD

Tot Ion:142 Resp: 566445
Ion Ratio Lower Upper
142 100
141 89.1 72.1 108.1
115 31.9 24.9 37.3



#38
1-Methylnaphthalene
Concen: 44.888 ng
RT: 12.61 min Scan# 1620
Delta R.T. -0.00 min
Lab File: BG046524.D
Acq: 3 Sep 2020 20:10

Tgt Ion:142 Resp: 535091
Ion Ratio Lower Upper
142 100
141 93.7 74.7 112.1
116 3.4 2.6 4.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.56 min Scan# 1953

Delta R.T. -0.00 min

Lab File: BG046524.D

Acq: 3 Sep 2020 20:10

Instrument :

BNA_G

ClientSampleId :

TR-05-090220MSD

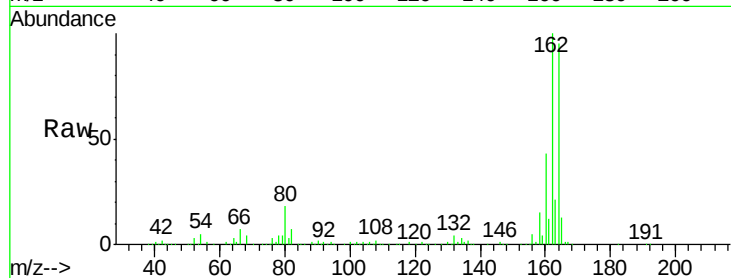
Tot Ion:164 Resp: 221591

Ion Ratio Lower Upper

164 100

162 105.3 83.3 124.9

160 45.3 35.0 52.6

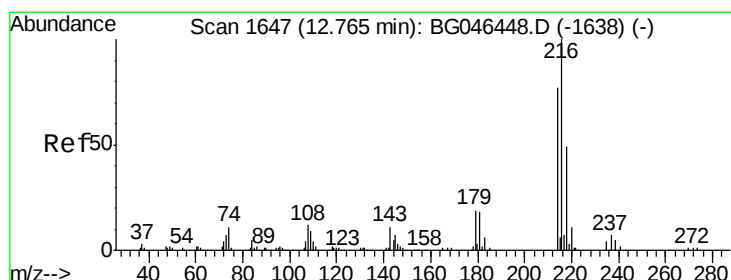
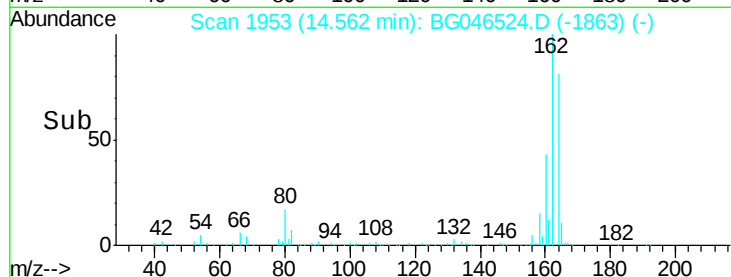
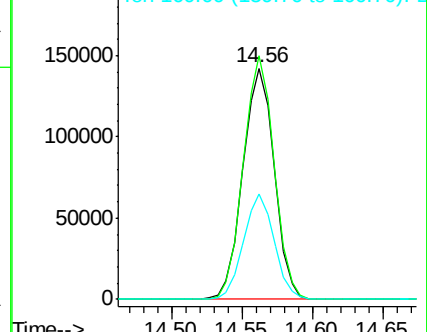


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 46.210 ng

RT: 12.76 min Scan# 1646

Delta R.T. -0.00 min

Lab File: BG046524.D

Acq: 3 Sep 2020 20:10

Tgt Ion:216 Resp: 337665

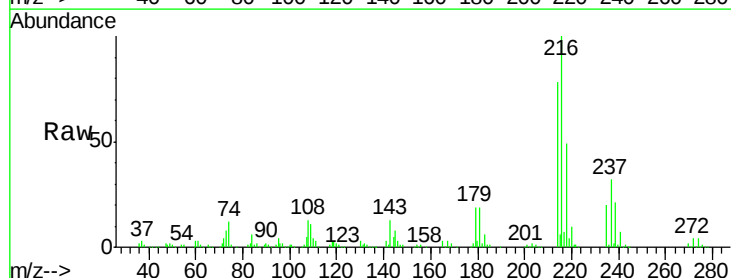
Ion Ratio Lower Upper

216 100

214 77.4 62.1 93.1

179 18.5 14.9 22.3

108 14.8 10.5 15.7



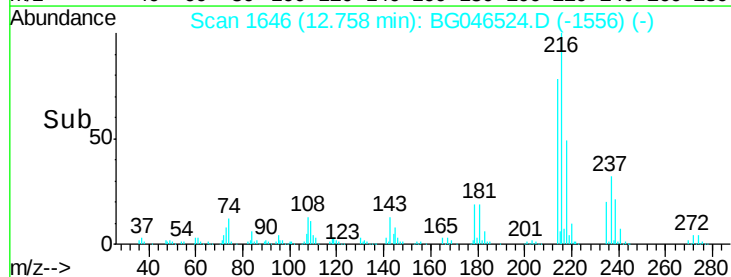
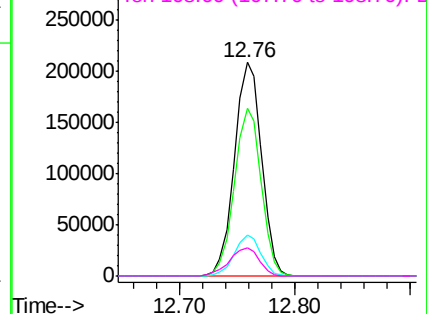
Abundance

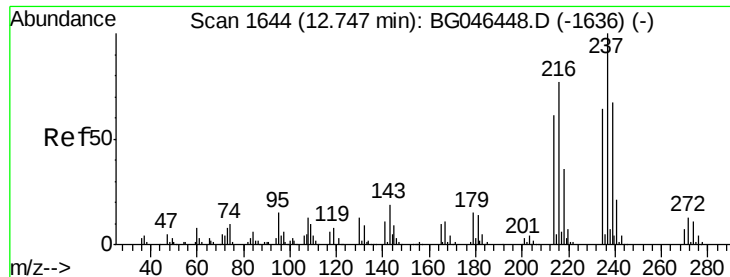
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 113.226 ng

RT: 12.74 min Scan# 1643

Delta R.T. -0.00 min

Lab File: BG046524.D

Acq: 3 Sep 2020 20:10

Instrument :

BNA_G

ClientSampleId :

TR-05-090220MSD

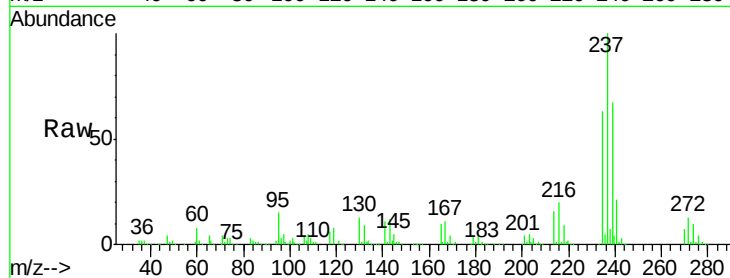
Tot Ion:237 Resp: 359761

Ion	Ratio	Lower	Upper
237	100		
235	63.5	44.5	84.5
272	12.7	0.0	32.8

237 100

235 63.5 44.5 84.5

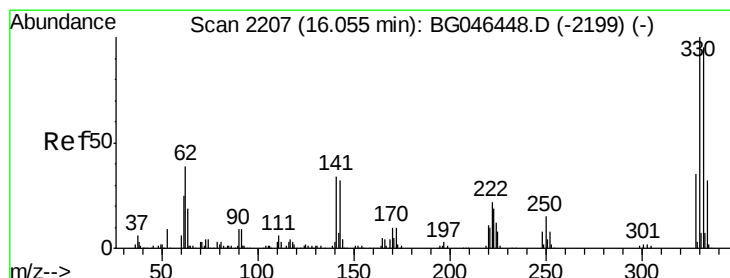
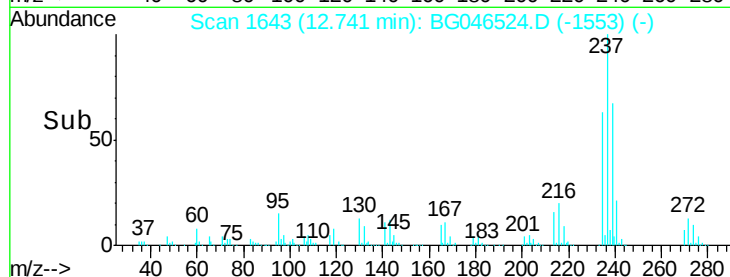
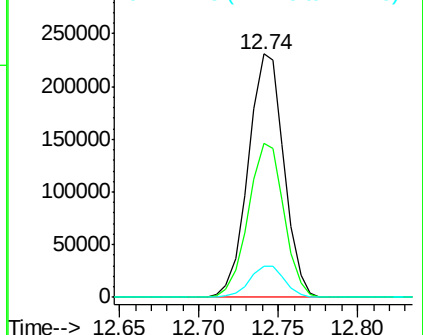
272 12.7 0.0 32.8



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 115.513 ng

RT: 16.05 min Scan# 2207

Delta R.T. 0.01 min

Lab File: BG046524.D

Acq: 3 Sep 2020 20:10

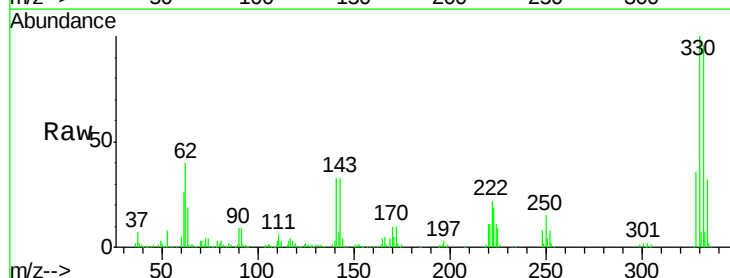
Tgt Ion:330 Resp: 346816

Ion	Ratio	Lower	Upper
330	100		
332	95.6	76.1	114.1
141	33.5	26.1	39.1

330 100

332 95.6 76.1 114.1

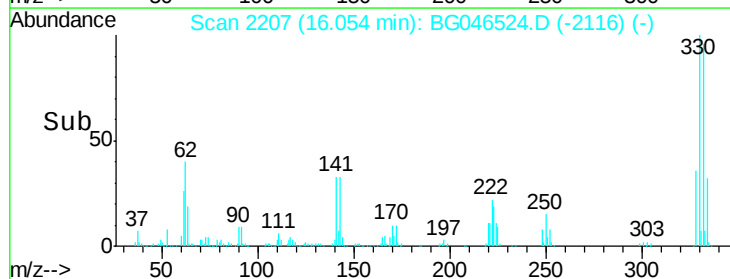
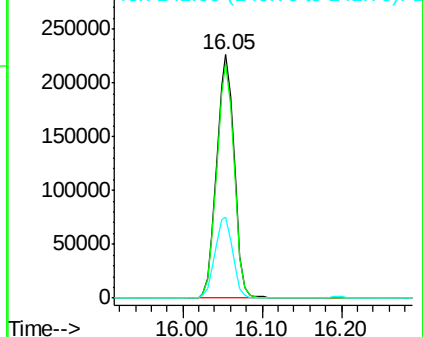
141 33.5 26.1 39.1

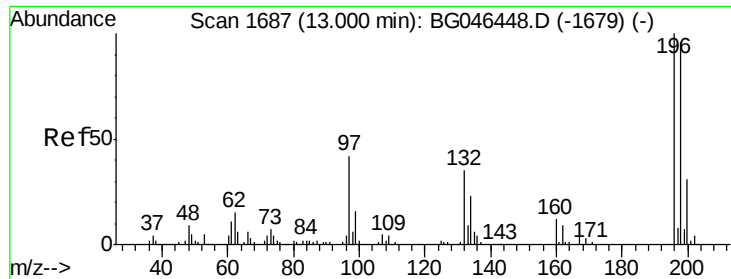


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

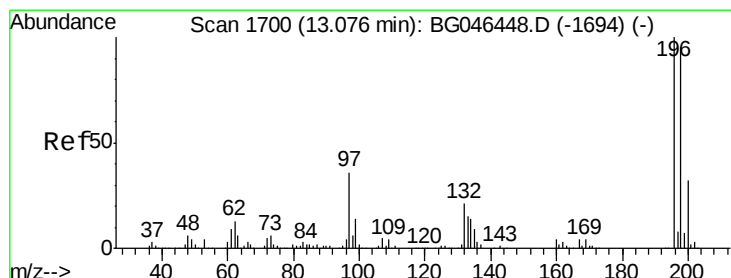
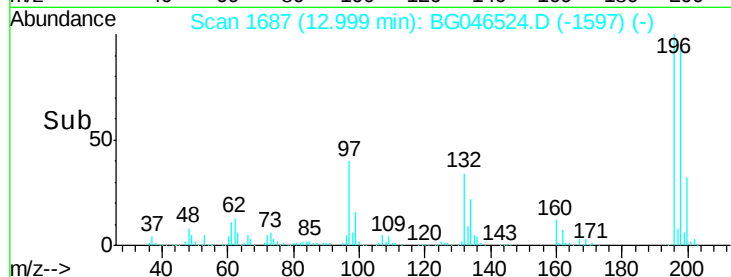
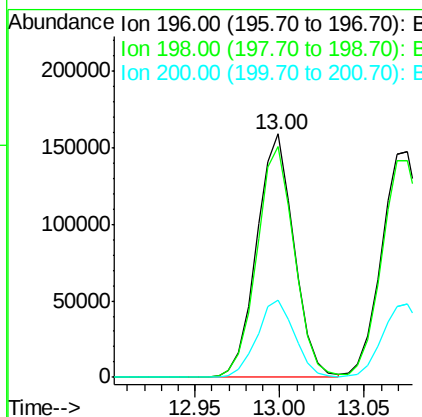
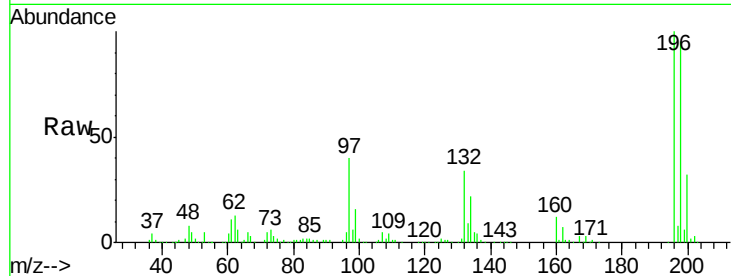




#43
 2,4,6-Trichlorophenol
 Concen: 49.327 ng
 RT: 13.00 min Scan# 1687
 Delta R.T. -0.00 min
 Lab File: BG046524.D
 Acq: 3 Sep 2020 20:10

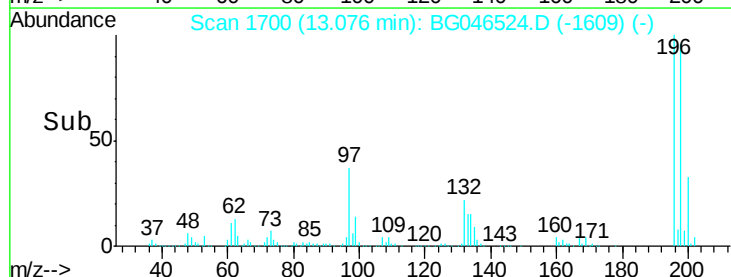
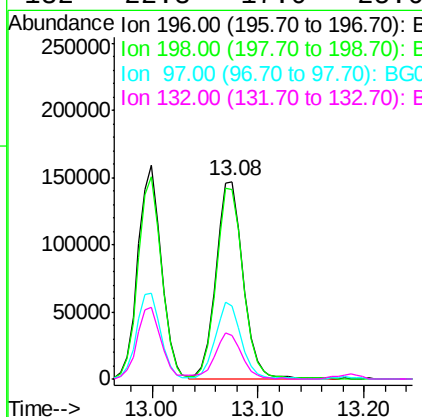
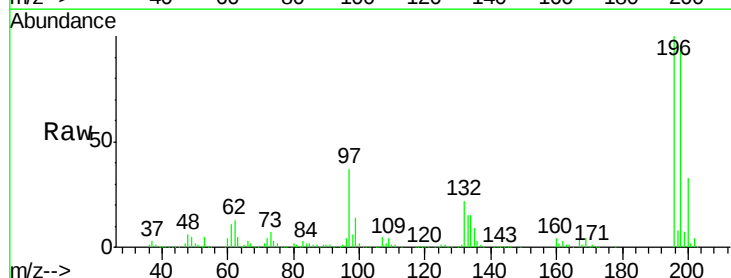
Instrument :
 BNA_G
 ClientSampleId :
 TR-05-090220MSD

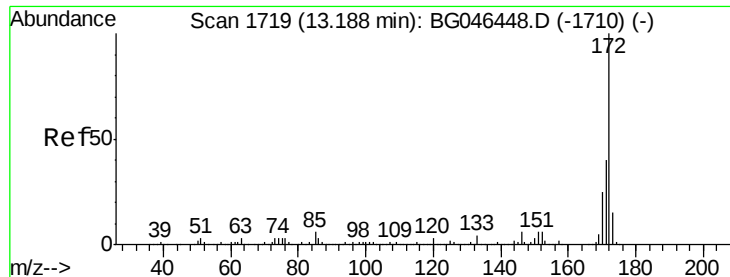
Tot Ion:196 Resp: 243237
 Ion Ratio Lower Upper
 196 100
 198 94.6 77.0 115.6
 200 31.6 25.2 37.8



#44
 2,4,5-Trichlorophenol
 Concen: 50.611 ng
 RT: 13.08 min Scan# 1700
 Delta R.T. 0.01 min
 Lab File: BG046524.D
 Acq: 3 Sep 2020 20:10

Tgt Ion:196 Resp: 262216
 Ion Ratio Lower Upper
 196 100
 198 95.9 75.6 113.4
 97 37.1 28.6 43.0
 132 22.3 17.0 25.6

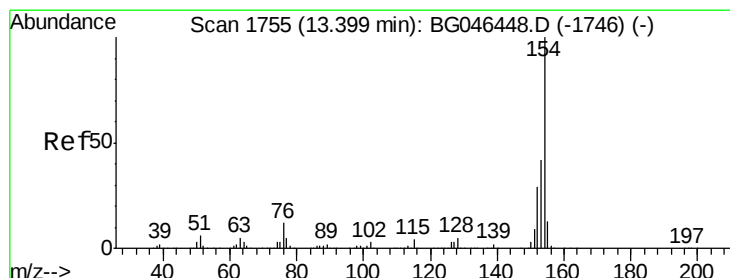
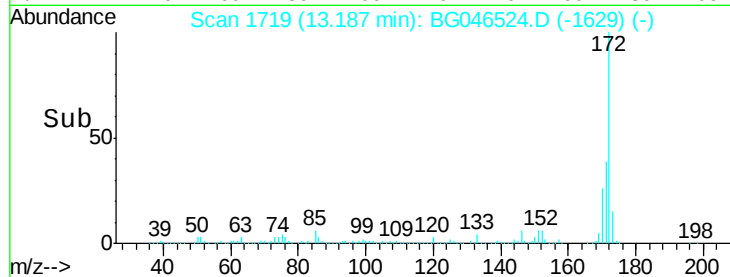
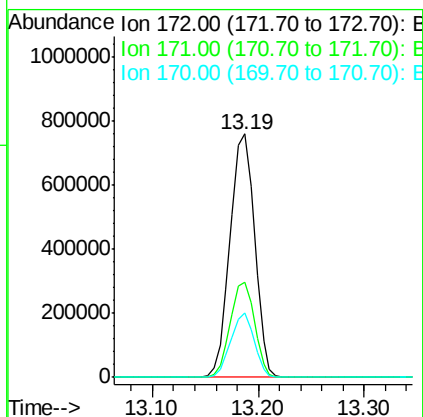
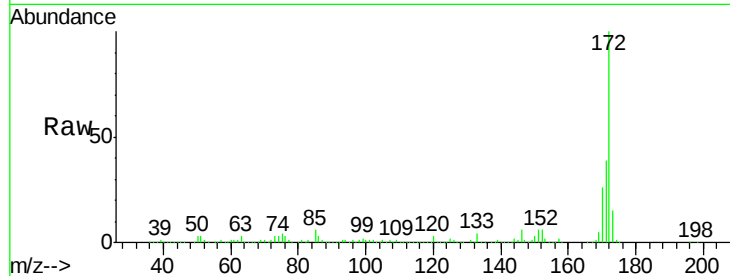




#45
2-Fluorobiphenyl
Concen: 84.285 ng
RT: 13.19 min Scan# 1719
Delta R.T. -0.00 min
Lab File: BG046524.D
Acq: 3 Sep 2020 20:10

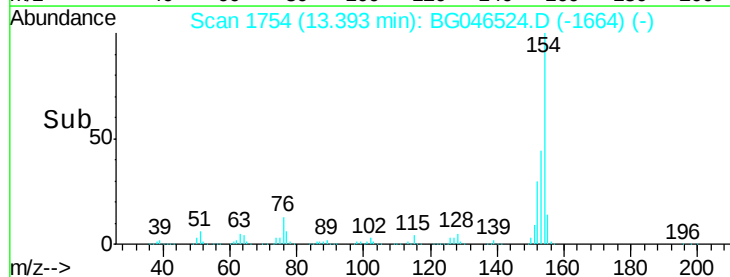
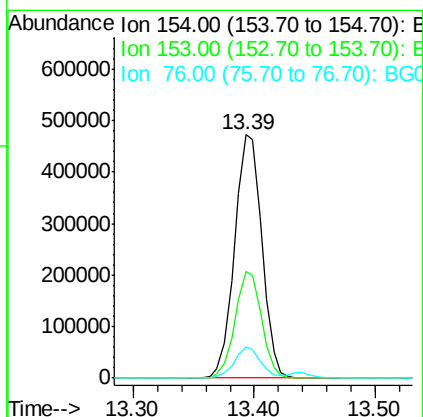
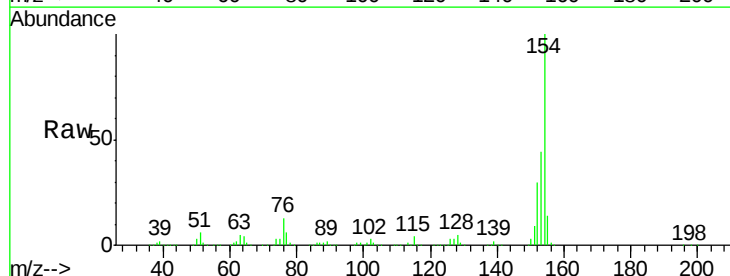
Instrument :
BNA_G
ClientSampleId :
TR-05-090220MSD

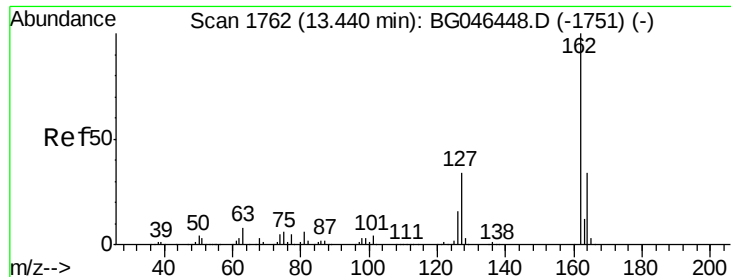
Tot Ion:172 Resp: 1223461
Ion Ratio Lower Upper
172 100
171 39.3 31.8 47.6
170 26.4 20.3 30.5



#46
1,1'-Biphenyl
Concen: 48.166 ng
RT: 13.39 min Scan# 1754
Delta R.T. -0.00 min
Lab File: BG046524.D
Acq: 3 Sep 2020 20:10

Tgt Ion:154 Resp: 742576
Ion Ratio Lower Upper
154 100
153 43.7 22.0 62.0
76 12.6 0.0 32.3

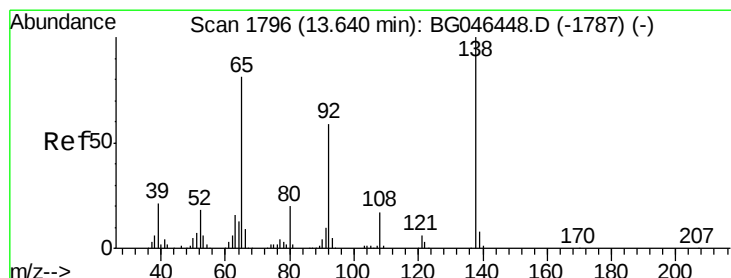
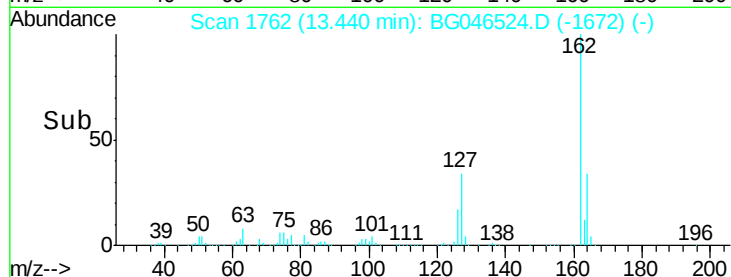
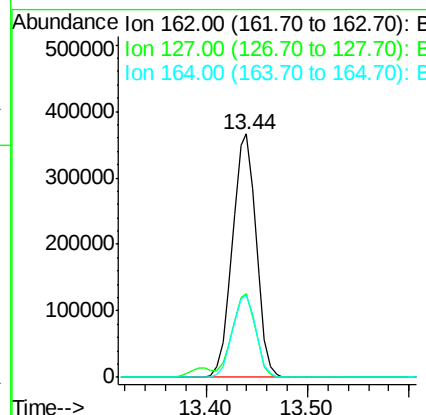
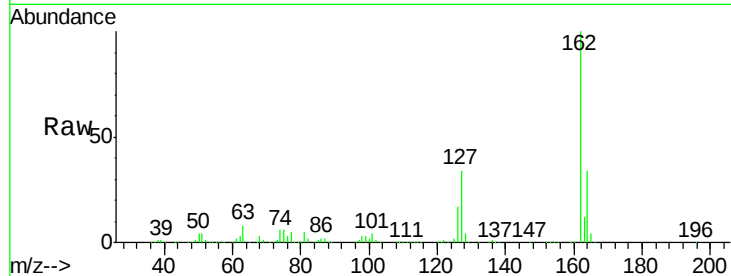




#47
 2-Chloronaphthalene
 Concen: 45.328 ng
 RT: 13.44 min Scan# 1762
 Delta R.T. -0.00 min
 Lab File: BG046524.D
 Acq: 3 Sep 2020 20:10

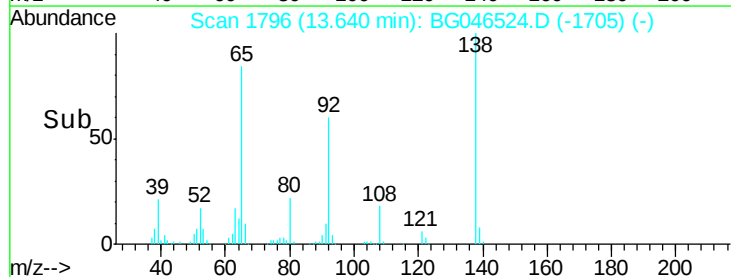
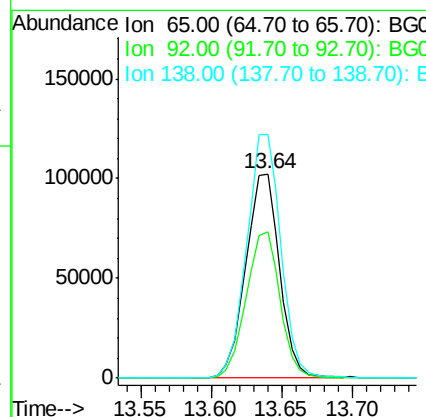
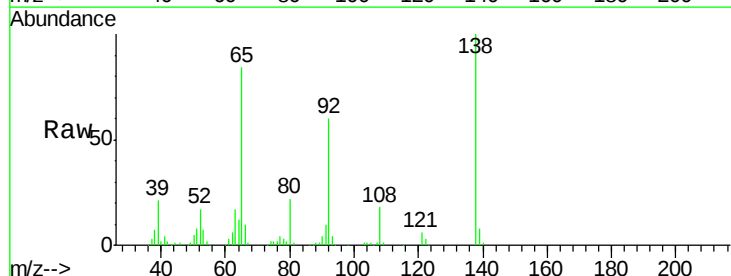
Instrument :
 BNA_G
 ClientSampleId :
 TR-05-090220MSD

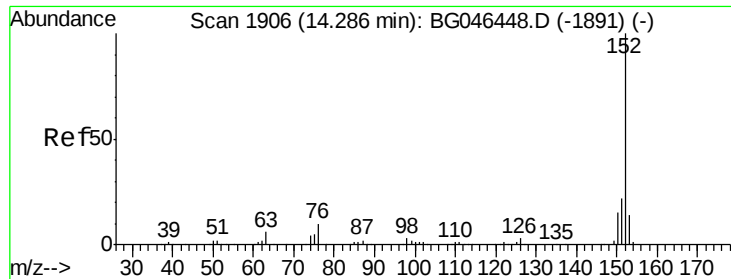
Tot Ion	Ratio	Lower	Upper
162	100		
127	34.3	27.6	41.4
164	34.0	27.3	40.9



#48
 2-Nitroaniline
 Concen: 47.506 ng
 RT: 13.64 min Scan# 1796
 Delta R.T. 0.01 min
 Lab File: BG046524.D
 Acq: 3 Sep 2020 20:10

Tgt Ion	Ratio	Lower	Upper
65	100		
92	71.7	58.5	87.7
138	119.4	98.4	147.6





#49

Acenaphthylene

Concen: 46.988 ng

RT: 14.29 min Scan# 1906

Delta R.T. -0.00 min

Lab File: BG046524.D

Acq: 3 Sep 2020 20:10

Instrument :

BNA_G

ClientSampleId :

TR-05-090220MSD

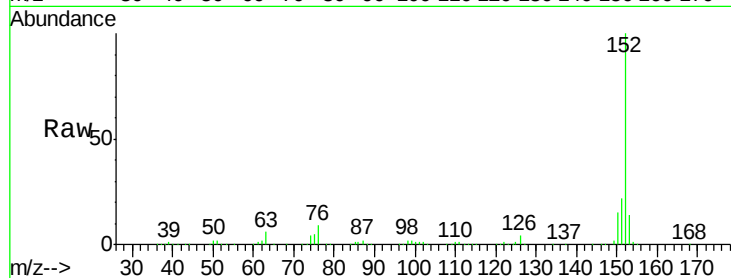
Tot Ion:152 Resp: 931690

Ion Ratio Lower Upper

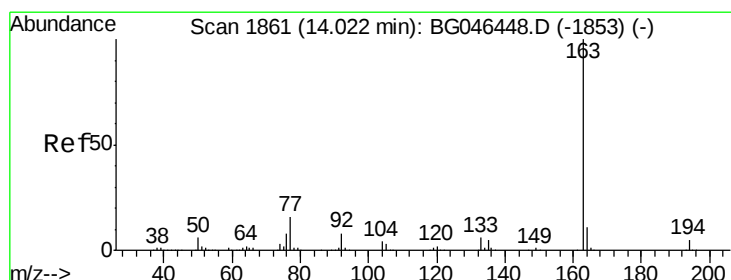
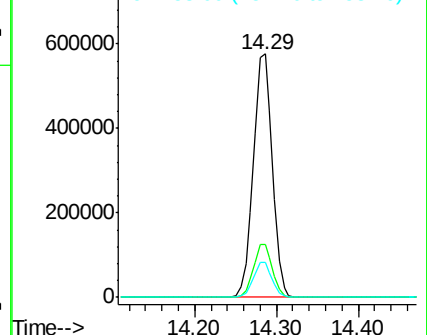
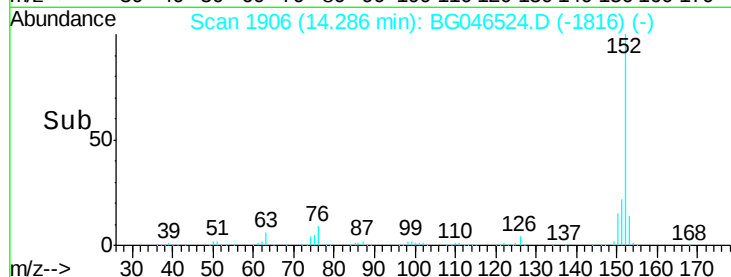
152 100

151 21.9 17.7 26.5

153 14.3 11.2 16.8



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



#50

Dimethylphthalate

Concen: 46.886 ng

RT: 14.02 min Scan# 1861

Delta R.T. 0.01 min

Lab File: BG046524.D

Acq: 3 Sep 2020 20:10

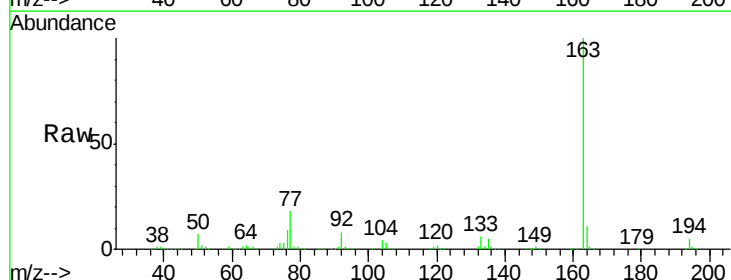
Tgt Ion:163 Resp: 803781

Ion Ratio Lower Upper

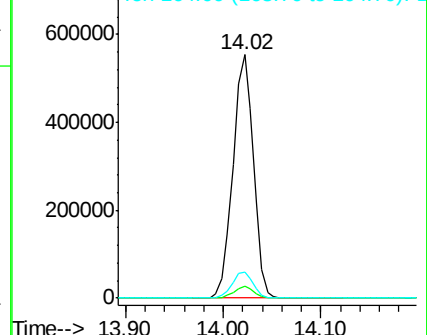
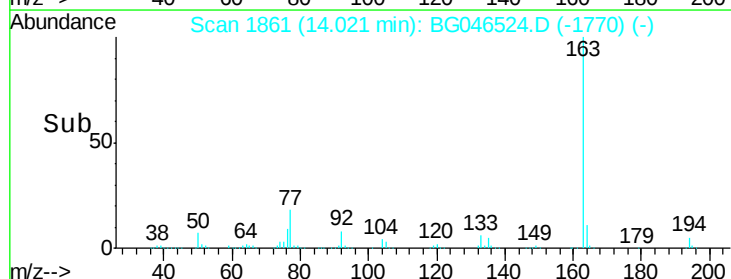
163 100

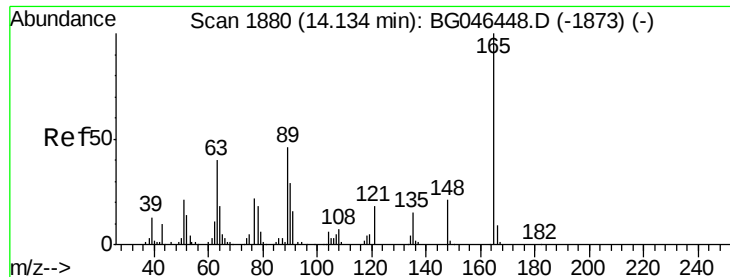
194 5.0 3.7 5.5

164 10.7 8.6 12.8



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: 49.105 ng

RT: 14.13 min Scan# 1880

Delta R.T. -0.00 min

Lab File: BG046524.D

Acq: 3 Sep 2020 20:10

Instrument :

BNA_G

ClientSampleId :

TR-05-090220MSD

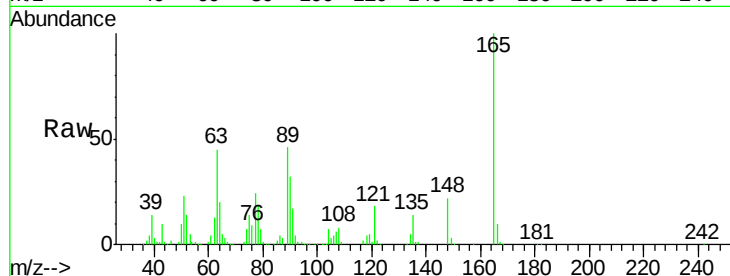
Tot Ion:165 Resp: 185566

Ion Ratio Lower Upper

165 100

63 45.1 34.2 51.4

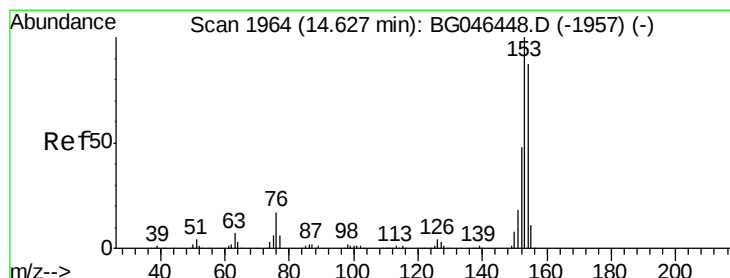
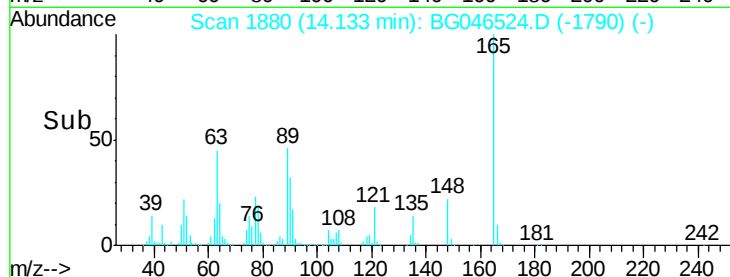
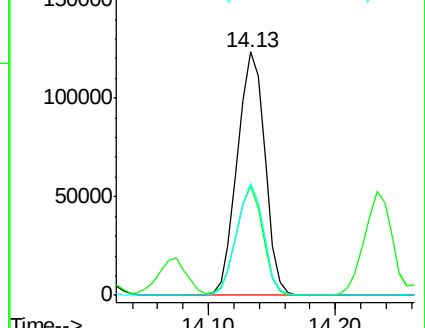
89 46.0 37.0 55.4



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC



#52

Acenaphthene

Concen: 46.961 ng

RT: 14.63 min Scan# 1964

Delta R.T. -0.00 min

Lab File: BG046524.D

Acq: 3 Sep 2020 20:10

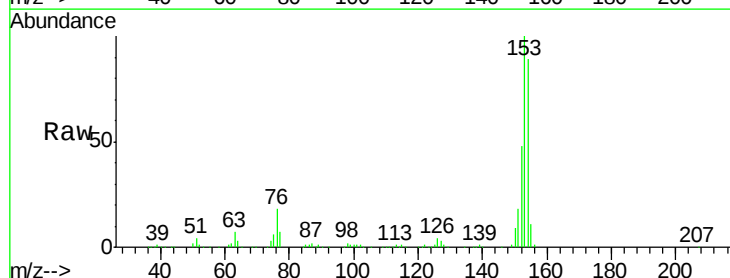
Tgt Ion:154 Resp: 577028

Ion Ratio Lower Upper

154 100

153 112.5 91.9 137.9

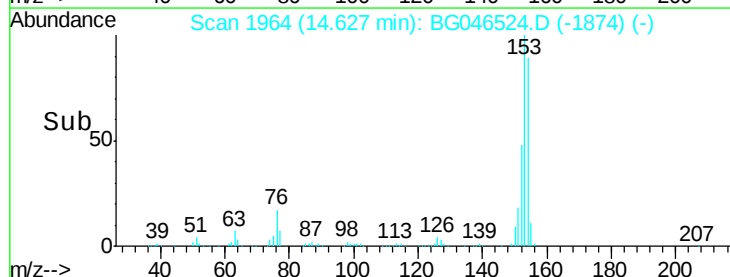
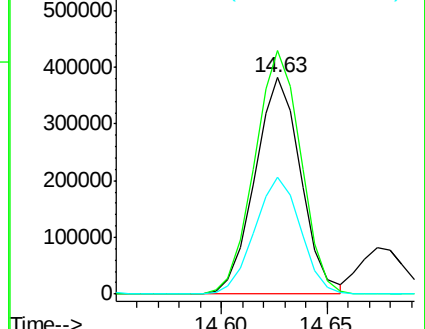
152 54.3 43.8 65.6

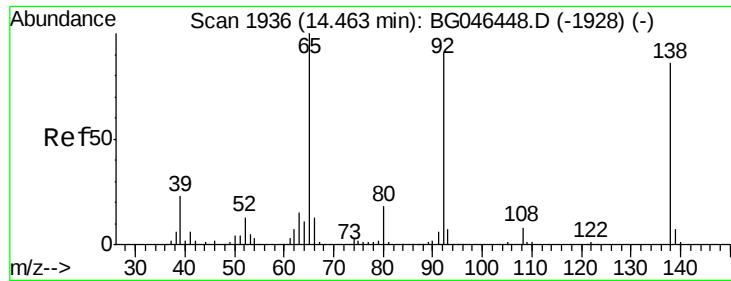


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 32.111 ng

RT: 14.46 min Scan# 1936

Delta R.T. -0.00 min

Lab File: BG046524.D

Acq: 3 Sep 2020 20:10

Instrument :

BNA_G

ClientSampleId :

TR-05-090220MSD

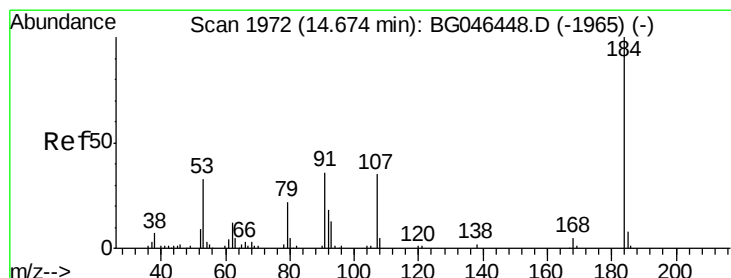
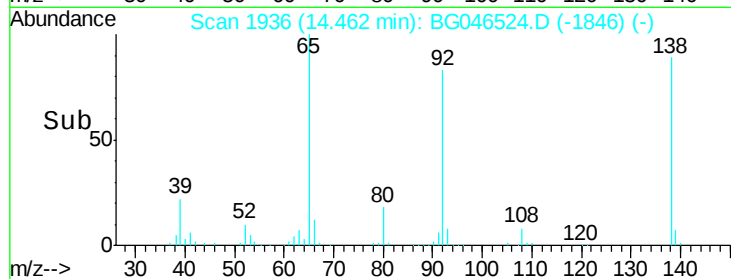
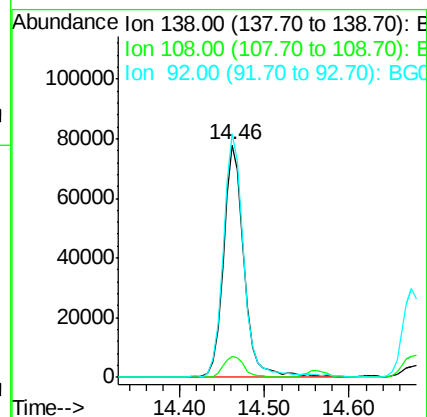
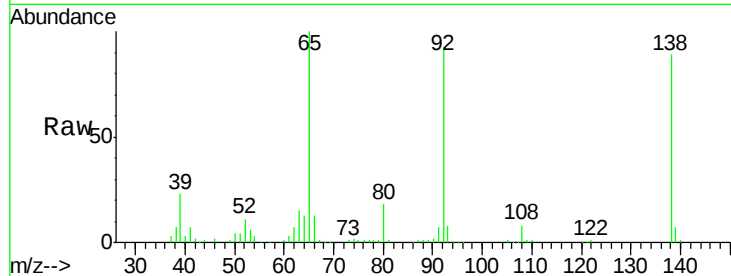
Tot Ion:138 Resp: 131446

Ion Ratio Lower Upper

138 100

108 9.2 7.0 10.6

92 104.7 84.6 127.0



#54

2,4-Dinitrophenol

Concen: 111.131 ng

RT: 14.67 min Scan# 1972

Delta R.T. -0.00 min

Lab File: BG046524.D

Acq: 3 Sep 2020 20:10

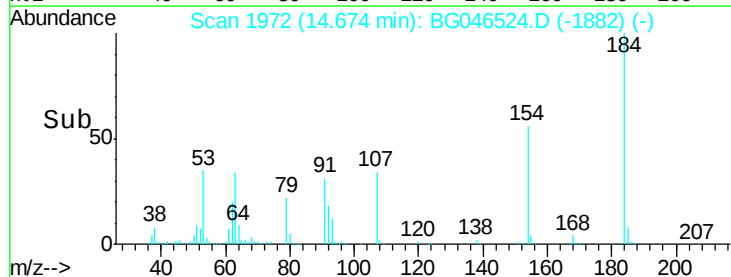
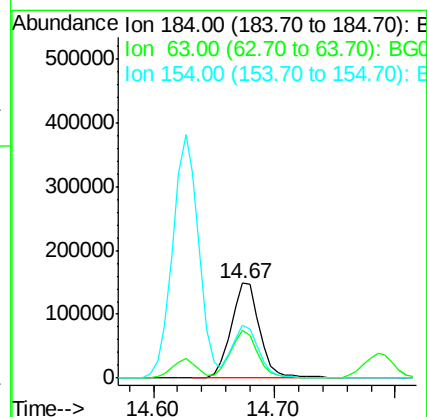
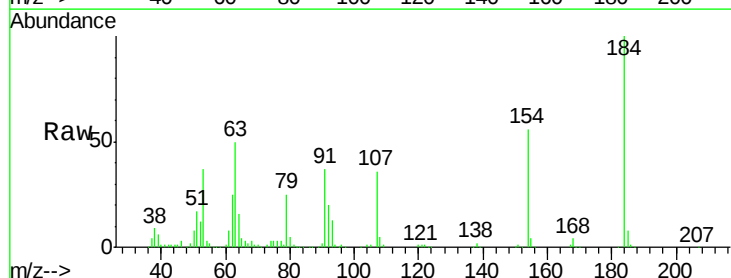
Tgt Ion:184 Resp: 245137

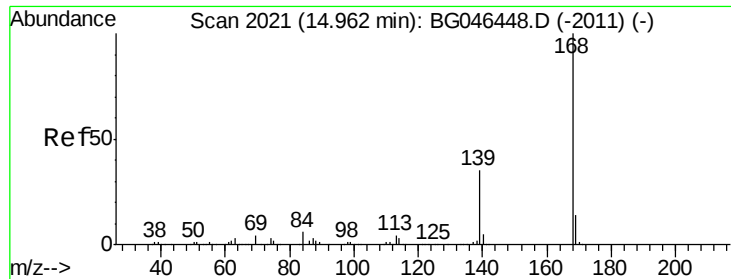
Ion Ratio Lower Upper

184 100

63 49.9 35.6 53.4

154 55.8 44.3 66.5

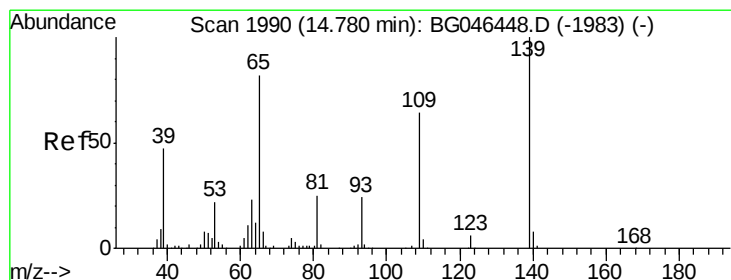
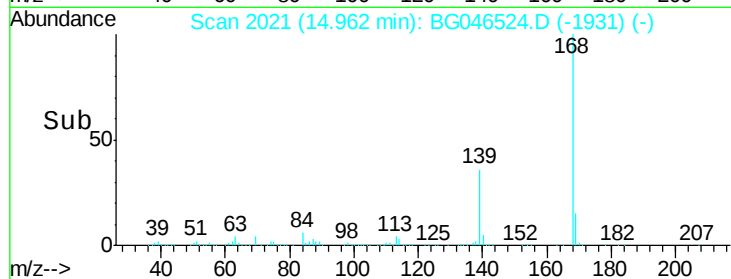
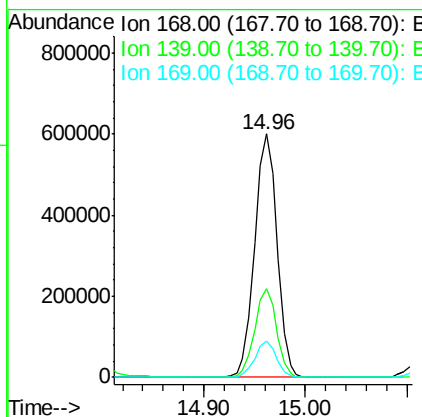
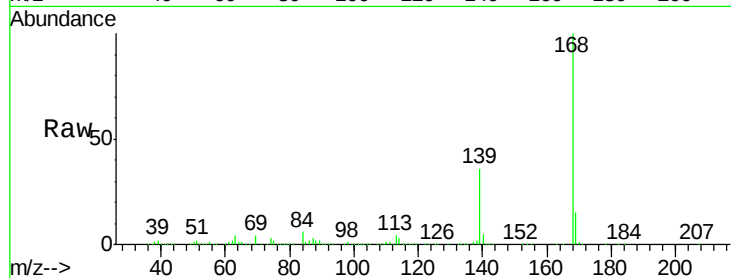




#55
Dibenzenofuran
Concen: 46.701 ng
RT: 14.96 min Scan# 2021
Delta R.T. -0.00 min
Lab File: BG046524.D
Acq: 3 Sep 2020 20:10

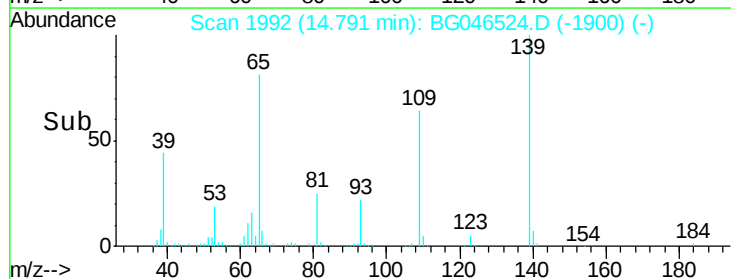
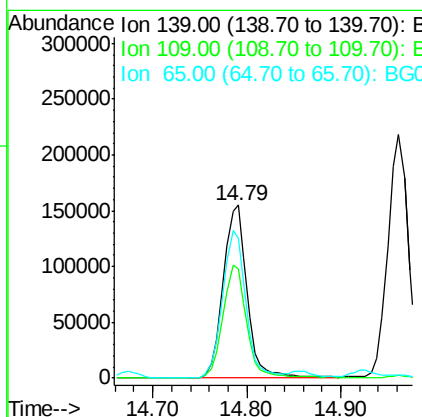
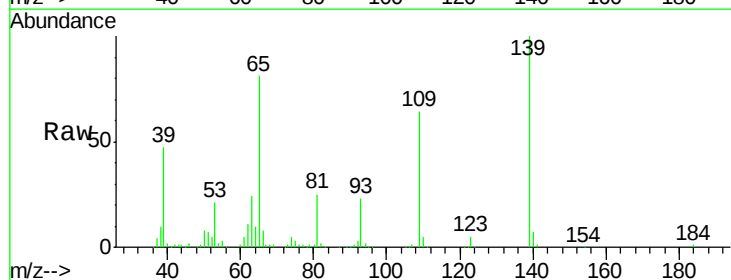
Instrument :
BNA_G
ClientSampleId :
TR-05-090220MSD

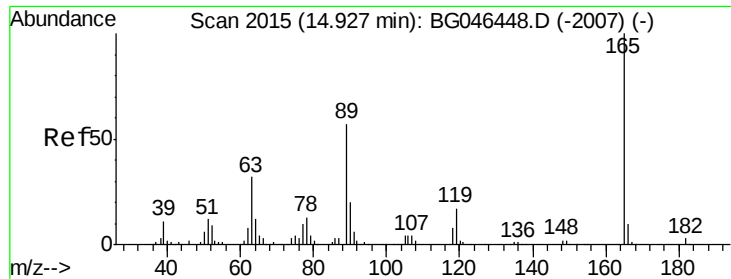
Tot Ion:168 Resp: 920898
Ion Ratio Lower Upper
168 100
139 36.3 28.1 42.1
169 14.8 11.5 17.3



#56
4-Nitrophenol
Concen: 92.010 ng
RT: 14.79 min Scan# 1992
Delta R.T. 0.01 min
Lab File: BG046524.D
Acq: 3 Sep 2020 20:10

Tgt Ion:139 Resp: 277188
Ion Ratio Lower Upper
139 100
109 63.6 44.3 84.3
65 81.3 61.5 101.5

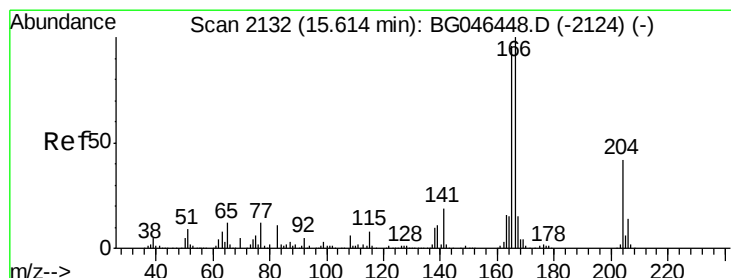
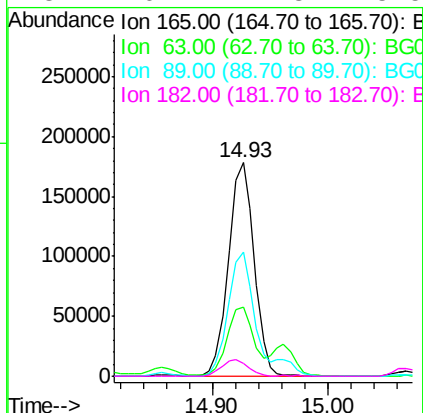
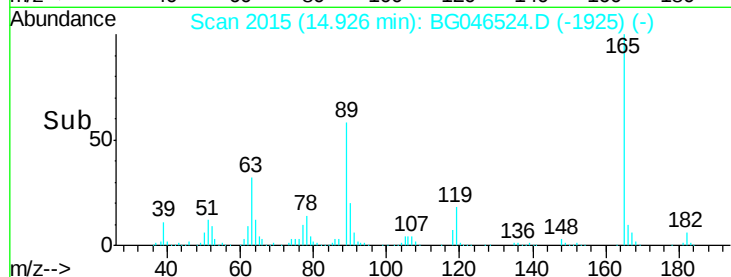
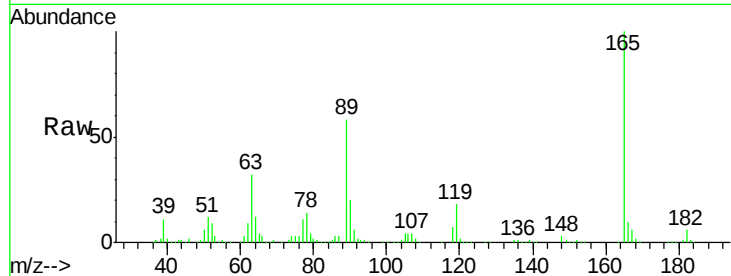




#57
2,4-Dinitrotoluene
Concen: 50.773 ng
RT: 14.93 min Scan# 2015
Delta R.T. -0.00 min
Lab File: BG046524.D
Acq: 3 Sep 2020 20:10

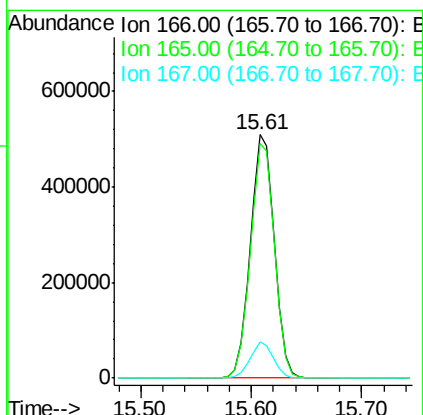
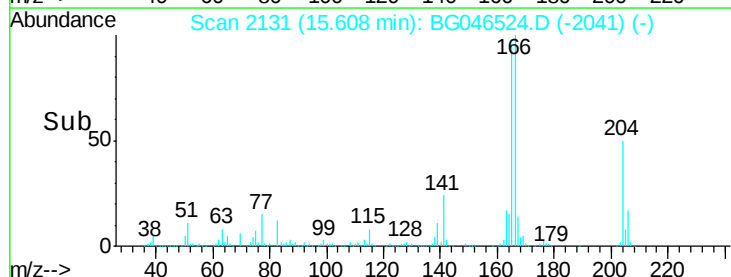
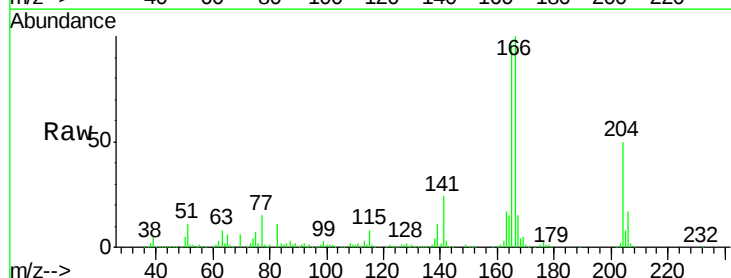
Instrument :
BNA_G
ClientSampleId :
TR-05-090220MSD

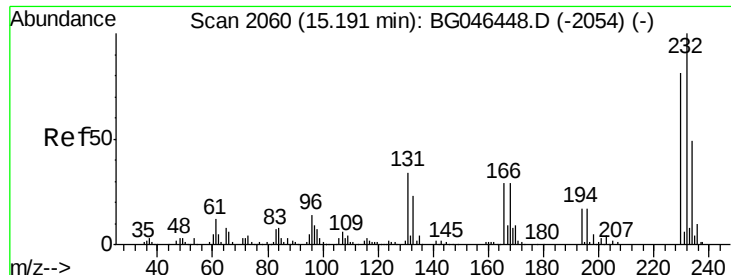
Tot Ion:165	Resp: 273587
Ion Ratio	Lower Upper
165 100	
63 32.1	25.4 38.0
89 57.9	45.9 68.9
182 6.2	2.3 3.5#



#58
Fluorene
Concen: 46.708 ng
RT: 15.61 min Scan# 2131
Delta R.T. -0.00 min
Lab File: BG046524.D
Acq: 3 Sep 2020 20:10

Tgt	Ion:166	Resp:	773032
Ion	Ratio	Lower	Upper
166	100		
165	96.3	77.0	115.4
167	14.8	11.8	17.6





#59

2,3,4,6-Tetrachlorophenol

Concen: 49.249 ng

RT: 15.19 min Scan# 2060

Delta R.T. -0.00 min

Lab File: BG046524.D

Acq: 3 Sep 2020 20:10

Instrument :

BNA_G

ClientSampleId :

TR-05-090220MSD

Tot Ion:232 Resp: 247777

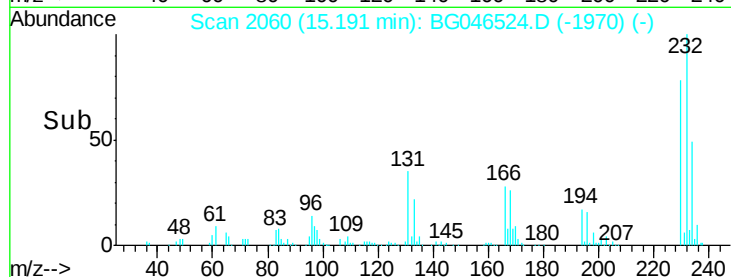
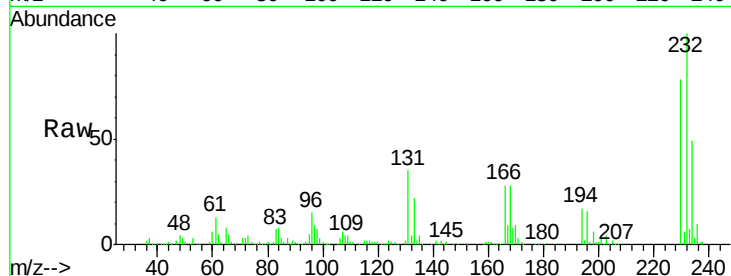
Ion Ratio Lower Upper

232 100

131 34.5 26.8 40.2

130 1.9 1.4 2.2

166 26.9 22.8 34.2

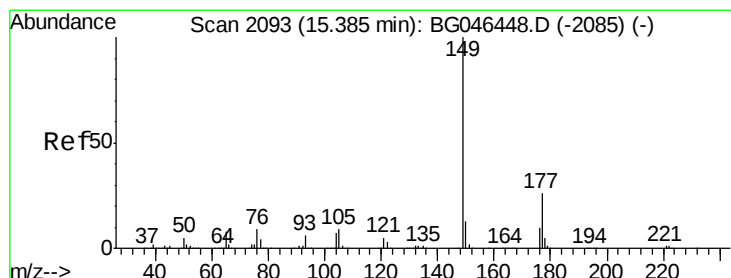
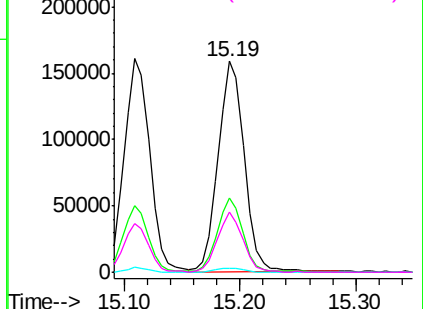


Abundance Ion 232.00 (231.70 to 232.70): E

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: 46.769 ng

RT: 15.38 min Scan# 2093

Delta R.T. -0.00 min

Lab File: BG046524.D

Acq: 3 Sep 2020 20:10

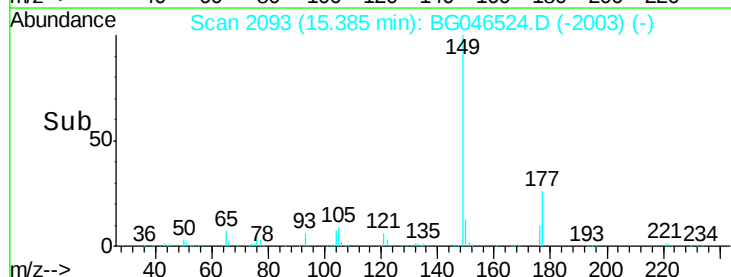
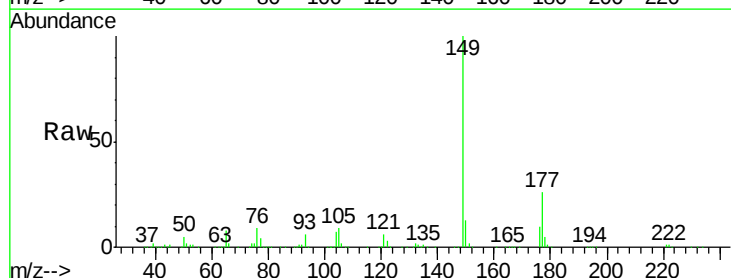
Tgt Ion:149 Resp: 781732

Ion Ratio Lower Upper

149 100

177 26.0 20.6 30.8

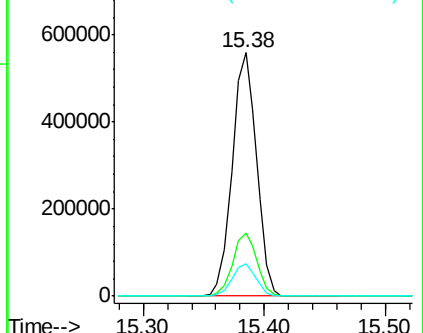
150 13.3 10.3 15.5

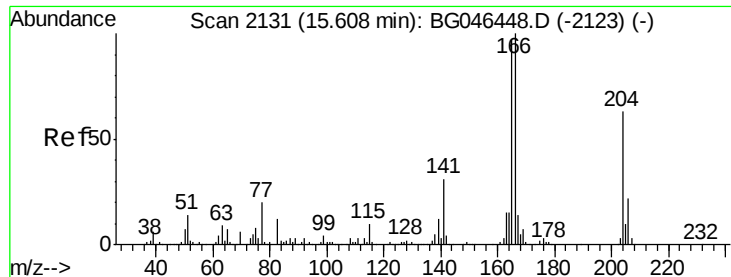


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

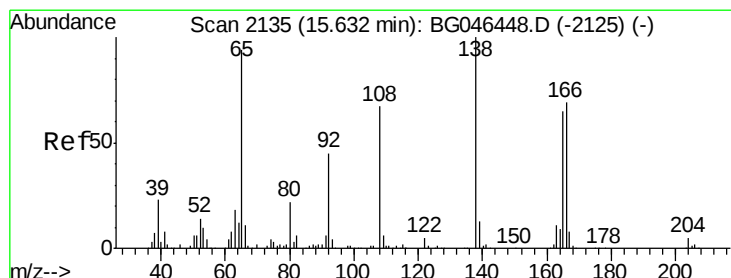
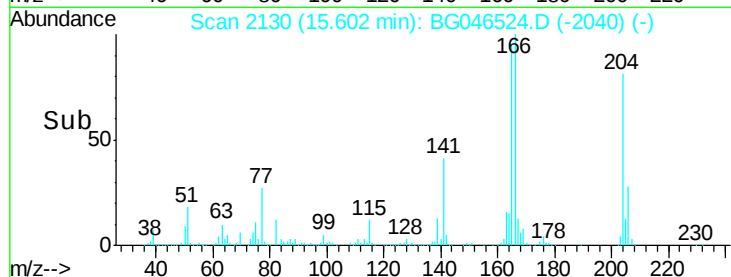
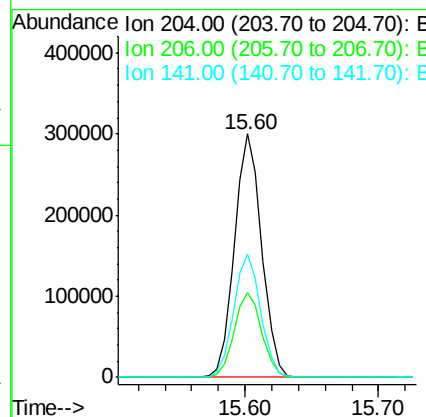
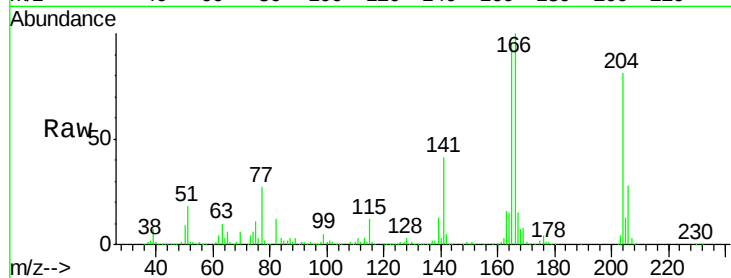




#61
 4-Chlorophenyl-phenylether
 Concen: 46.505 ng
 RT: 15.60 min Scan# 2130
 Delta R.T. -0.00 min
 Lab File: BG046524.D
 Acq: 3 Sep 2020 20:10

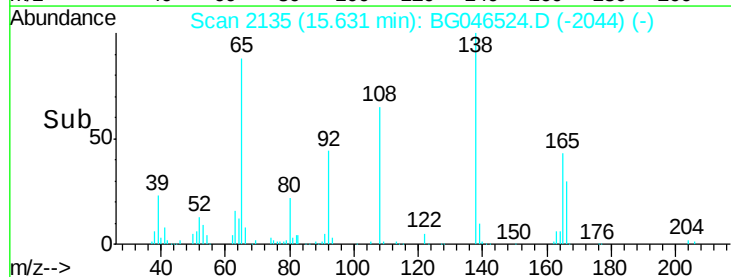
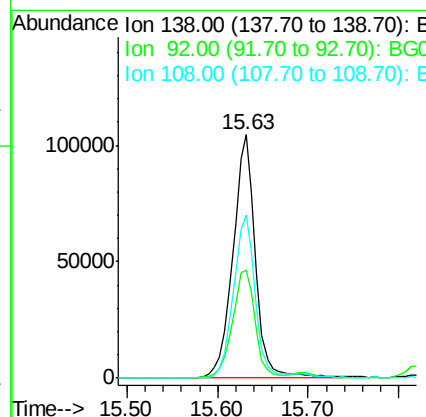
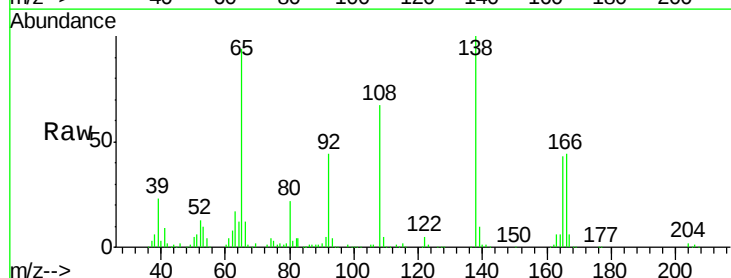
Instrument :
 BNA_G
 ClientSampleId :
 TR-05-090220MSD

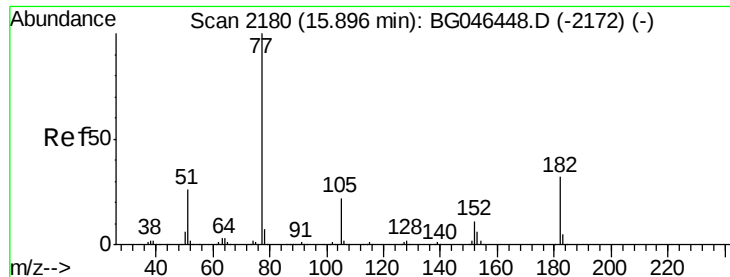
Tot Ion	Ratio	Lower	Upper
204	100		
206	34.6	27.7	41.5
141	50.5	38.7	58.1



#62
 4-Nitroaniline
 Concen: 41.846 ng
 RT: 15.63 min Scan# 2135
 Delta R.T. 0.01 min
 Lab File: BG046524.D
 Acq: 3 Sep 2020 20:10

Tgt Ion	Ratio	Lower	Upper
138	100		
92	44.2	25.3	65.3
108	67.1	46.7	86.7

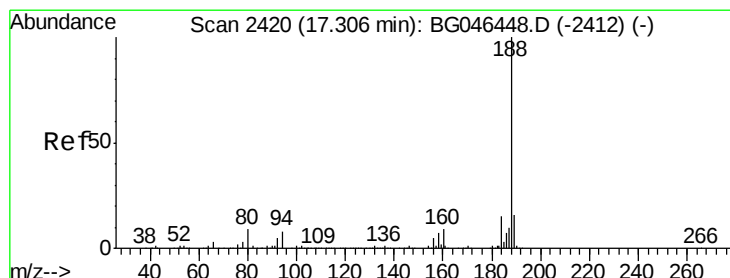
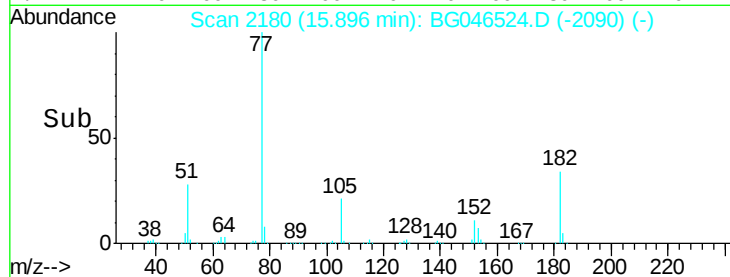
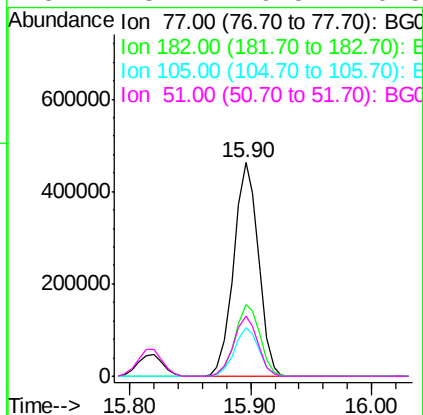
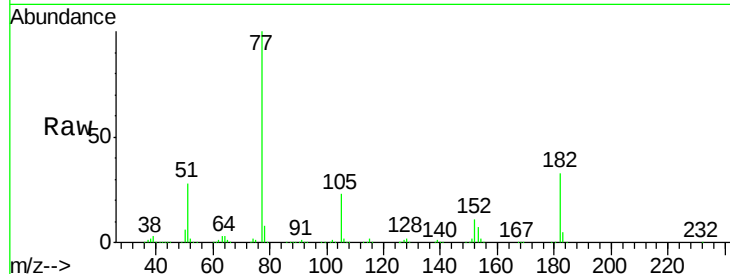




#63
Azobenzene
Concen: 48.497 ng
RT: 15.90 min Scan# 2180
Delta R.T. -0.00 min
Lab File: BG046524.D
Acq: 3 Sep 2020 20:10

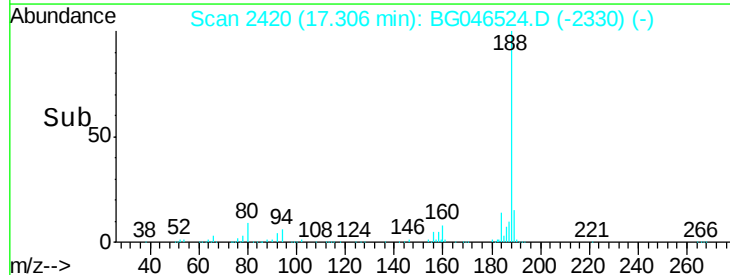
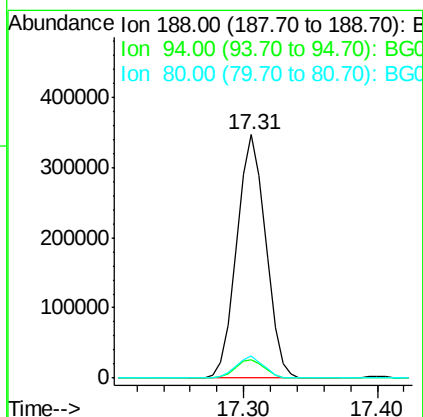
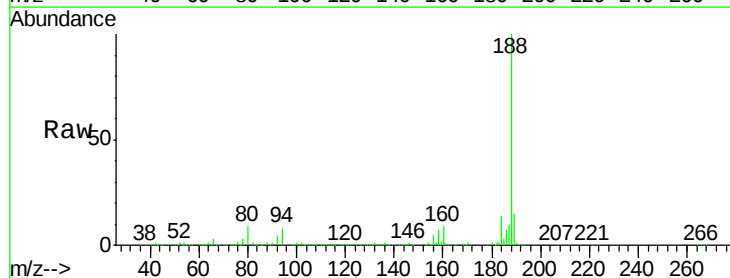
Instrument :
BNA_G
ClientSampleId :
TR-05-090220MSD

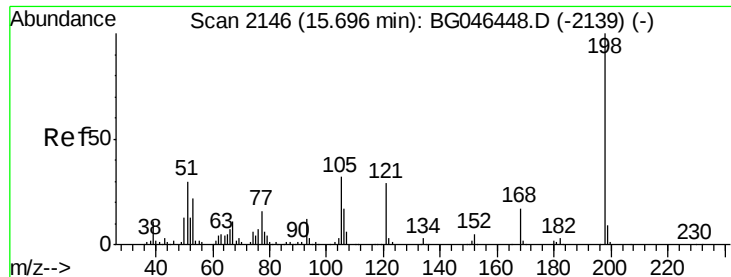
Tot Ion:	77	Resp:	659388
Ion	Ratio	Lower	Upper
77	100		
182	33.5	12.3	52.3
105	22.9	2.3	42.3
51	28.2	6.5	46.5



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.31 min Scan# 2420
Delta R.T. -0.00 min
Lab File: BG046524.D
Acq: 3 Sep 2020 20:10

Tgt Ion:	188	Resp:	521722
Ion	Ratio	Lower	Upper
188	100		
94	7.6	6.3	9.5
80	8.9	6.9	10.3





#65

4,6-Dinitro-2-methylphenol

Concen: 59.808 ng

RT: 15.70 min Scan# 2146

Delta R.T. 0.01 min

Lab File: BG046524.D

Acq: 3 Sep 2020 20:10

Instrument :

BNA_G

ClientSampleId :

TR-05-090220MSD

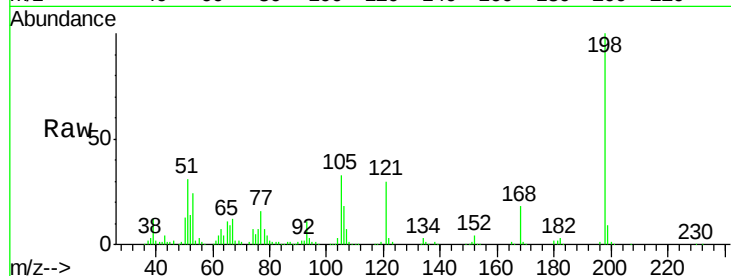
Tot Ion:198 Resp: 176612

Ion	Ratio	Lower	Upper
198	100		
51	31.0	10.4	50.4
105	33.1	12.4	52.4

198 100

51 31.0 10.4 50.4

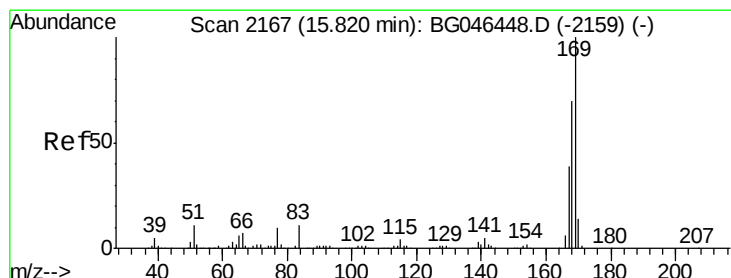
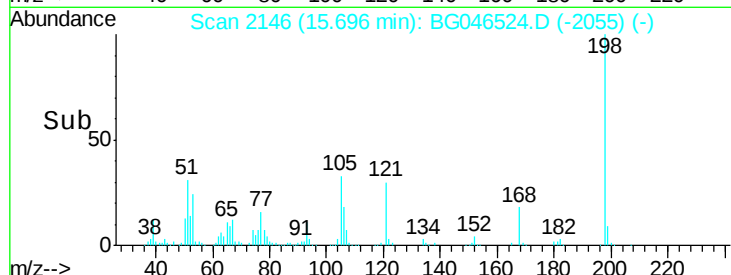
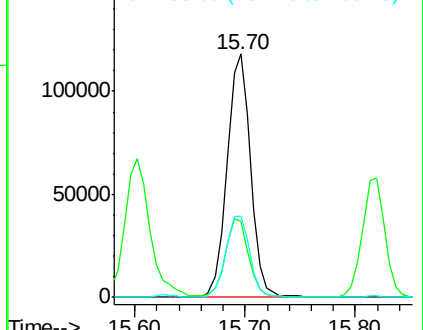
105 33.1 12.4 52.4



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: 49.981 ng

RT: 15.82 min Scan# 2167

Delta R.T. 0.01 min

Lab File: BG046524.D

Acq: 3 Sep 2020 20:10

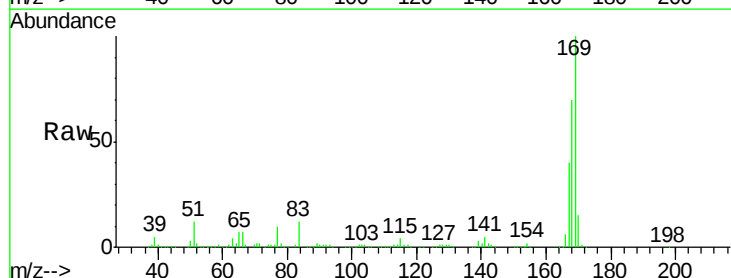
Tgt Ion:169 Resp: 703475

Ion	Ratio	Lower	Upper
169	100		
168	70.5	55.8	83.8
167	39.8	31.0	46.6

169 100

168 70.5 55.8 83.8

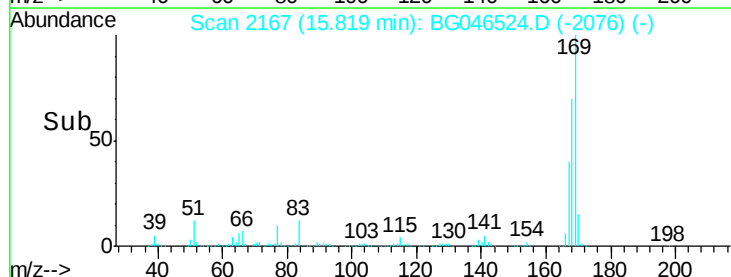
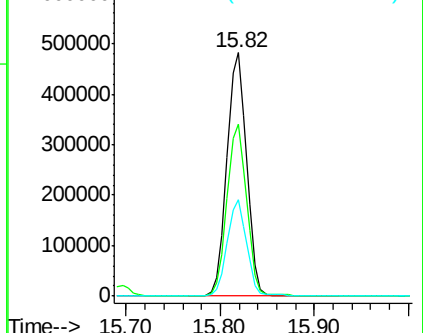
167 39.8 31.0 46.6

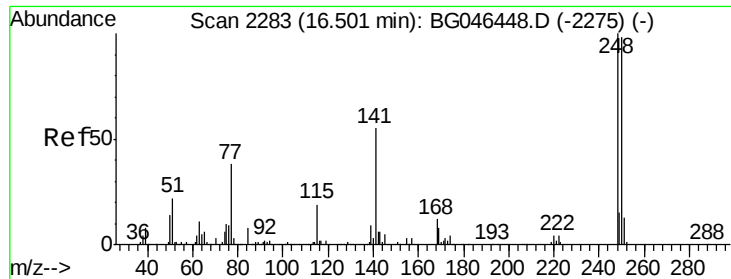


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

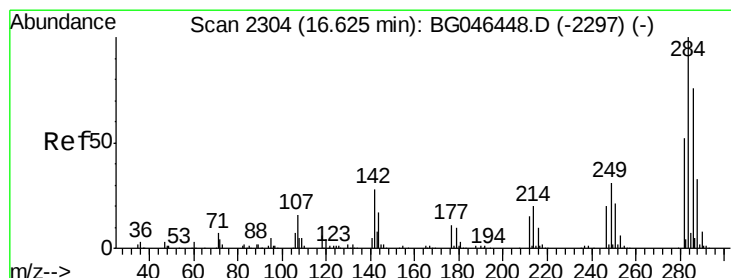
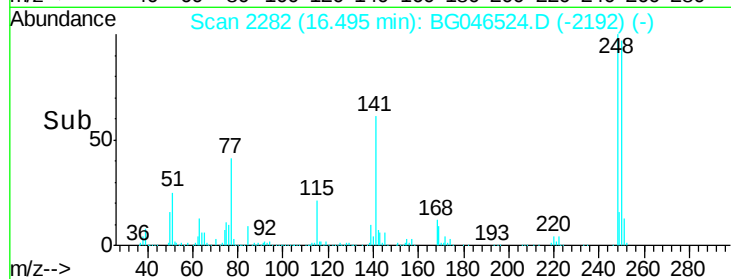
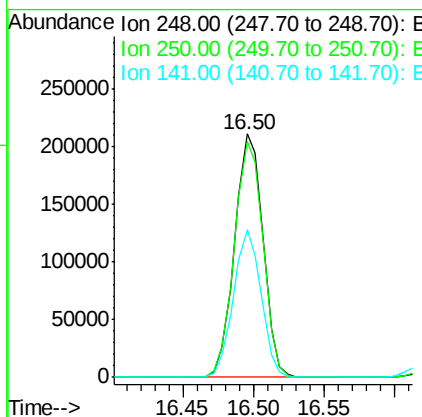
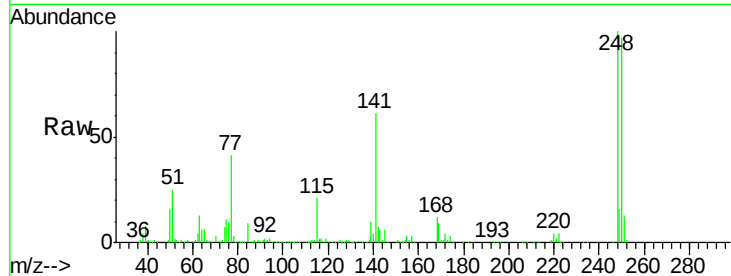




#67
4-Bromophenyl-phenylether
Concen: 48.540 ng
RT: 16.50 min Scan# 2282
Delta R.T. -0.00 min
Lab File: BG046524.D
Acq: 3 Sep 2020 20:10

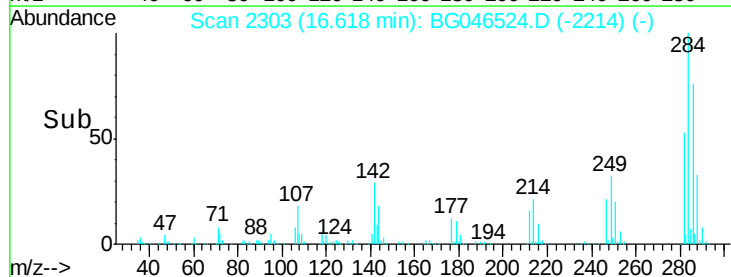
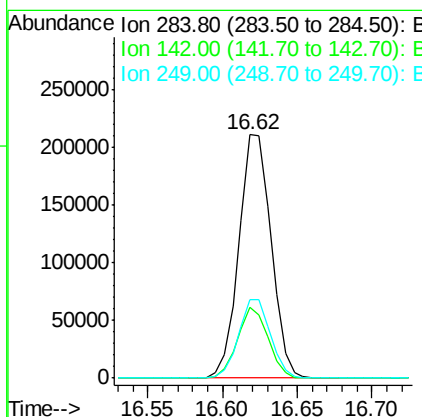
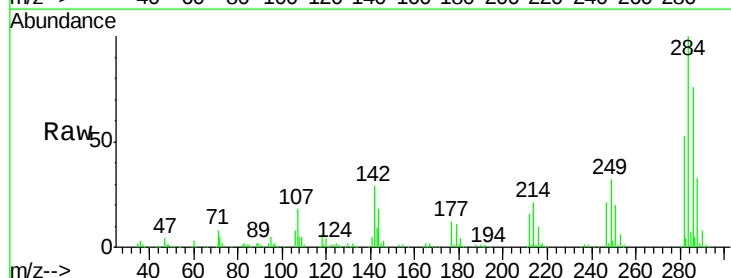
Instrument :
BNA_G
ClientSampleId :
TR-05-090220MSD

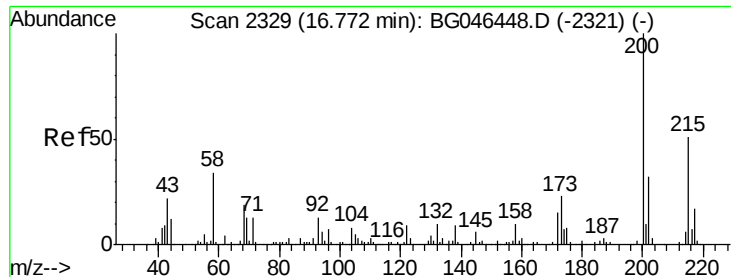
Tot Ion:248 Resp: 295456
Ion Ratio Lower Upper
248 100
250 97.1 78.6 118.0
141 60.7 43.9 65.9



#68
Hexachlorobenzene
Concen: 46.880 ng
RT: 16.62 min Scan# 2303
Delta R.T. -0.01 min
Lab File: BG046524.D
Acq: 3 Sep 2020 20:10

Tgt Ion:284 Resp: 316019
Ion Ratio Lower Upper
284 100
142 29.3 22.3 33.5
249 32.4 24.8 37.2

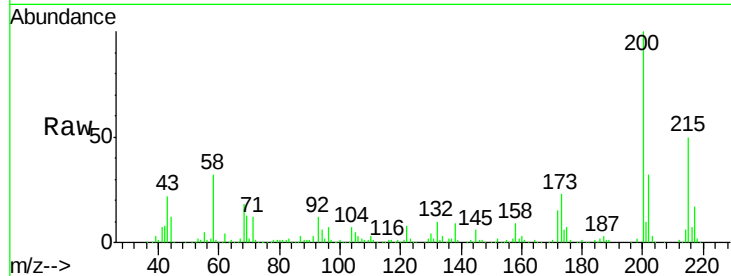




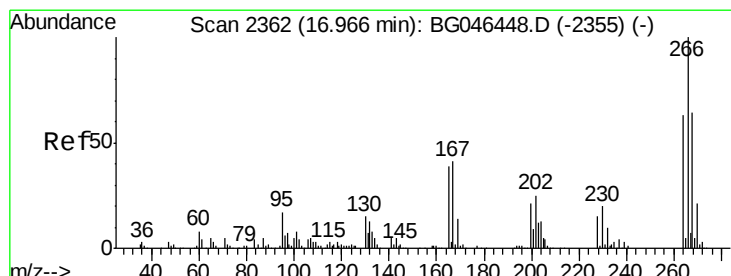
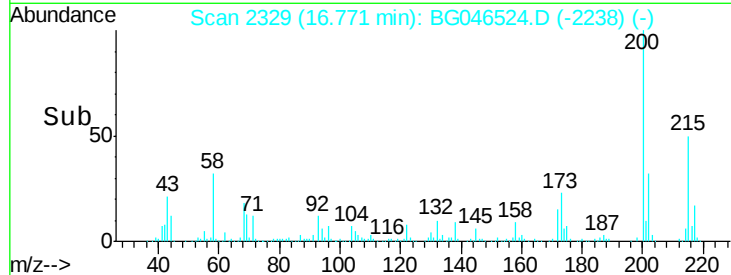
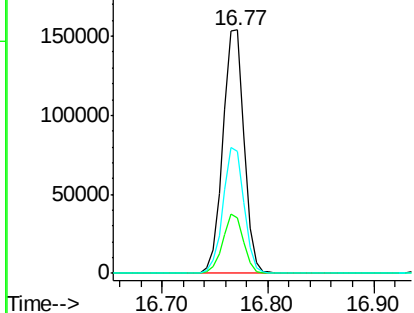
#69
 Atrazine
 Concen: 37.350 ng
 RT: 16.77 min Scan# 2329
 Delta R.T. 0.01 min
 Lab File: BG046524.D
 Acq: 3 Sep 2020 20:10

Instrument :
 BNA_G
 ClientSampleId :
 TR-05-090220MSD

Tot Ion	Ratio	Lower	Upper
200	100		
173	22.9	3.3	43.3
215	50.2	30.9	70.9

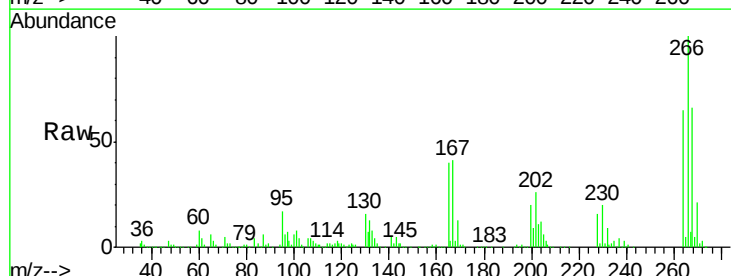


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

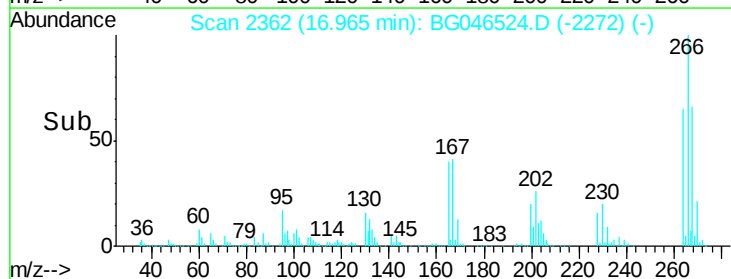
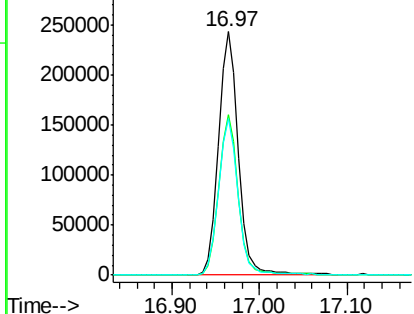


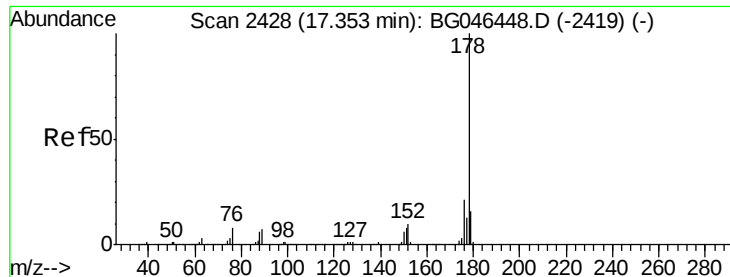
#70
 Pentachlorophenol
 Concen: 109.036 ng
 RT: 16.97 min Scan# 2362
 Delta R.T. -0.00 min
 Lab File: BG046524.D
 Acq: 3 Sep 2020 20:10

Tgt Ion	Ratio	Lower	Upper
266	100		
268	65.7	51.1	76.7
264	64.5	50.2	75.2



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: 47.636 ng

RT: 17.35 min Scan# 2427

Delta R.T. -0.00 min

Lab File: BG046524.D

Acq: 3 Sep 2020 20:10

Instrument :

BNA_G

ClientSampleId :

TR-05-090220MSD

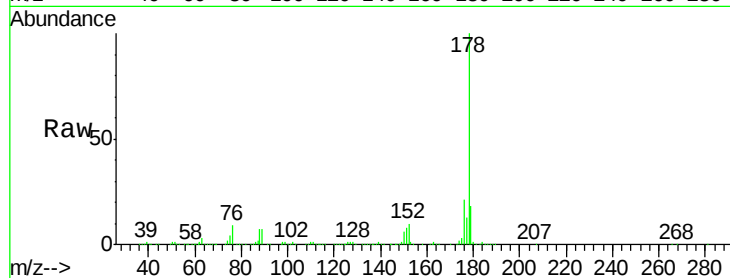
Tot Ion:178 Resp: 1259710

Ion Ratio Lower Upper

178 100

176 21.4 16.8 25.2

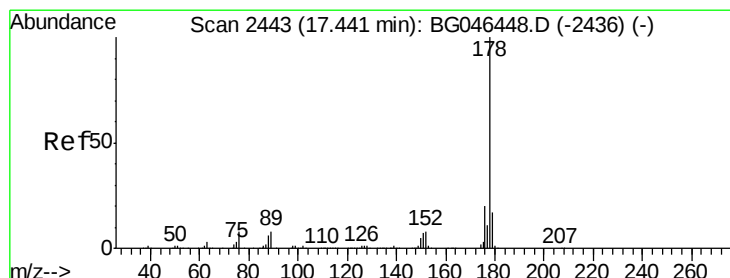
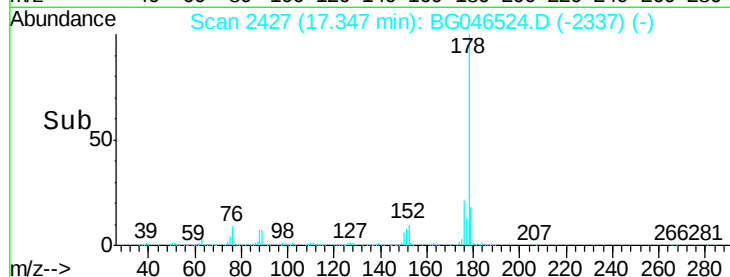
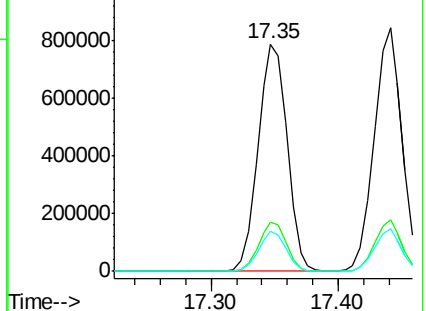
179 17.7 13.2 19.8



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: 49.483 ng

RT: 17.44 min Scan# 2443

Delta R.T. 0.01 min

Lab File: BG046524.D

Acq: 3 Sep 2020 20:10

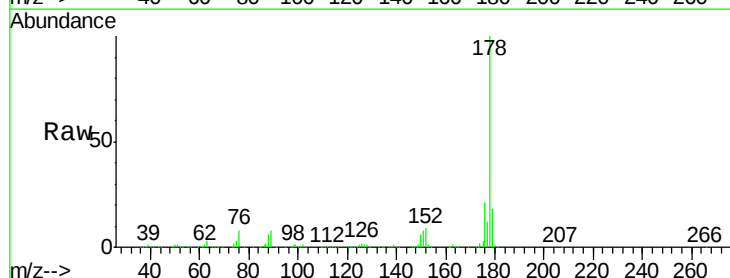
Tgt Ion:178 Resp: 1291054

Ion Ratio Lower Upper

178 100

176 20.9 16.1 24.1

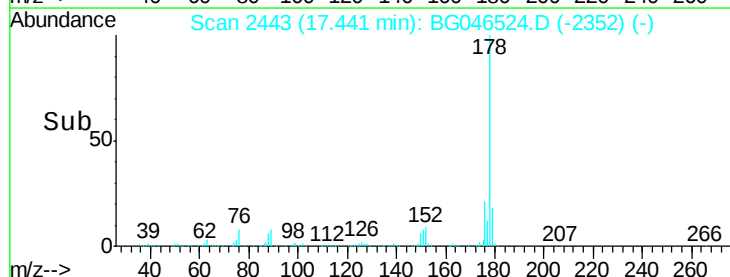
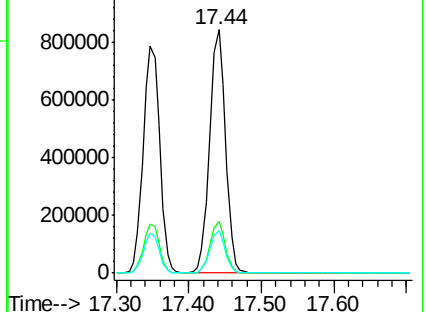
179 17.6 13.3 19.9

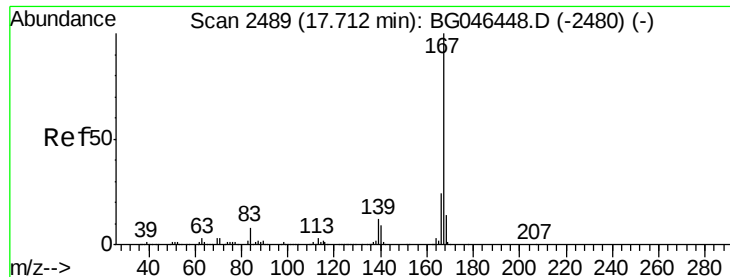


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

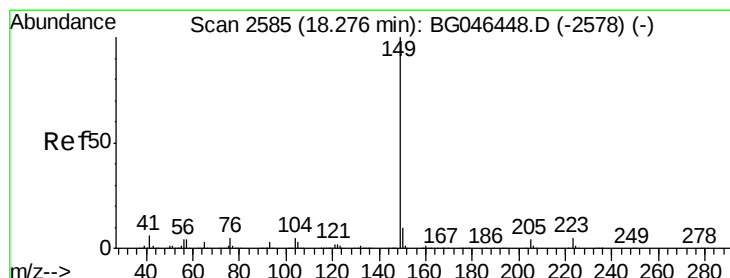
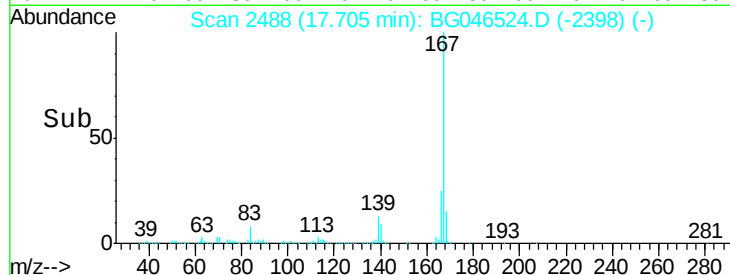
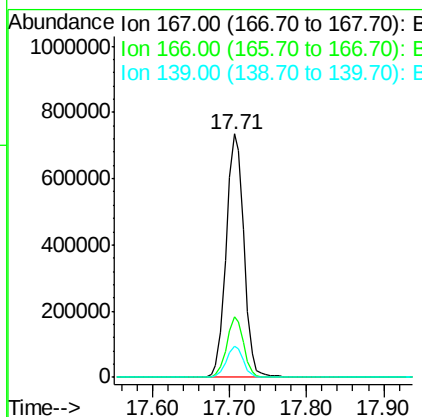
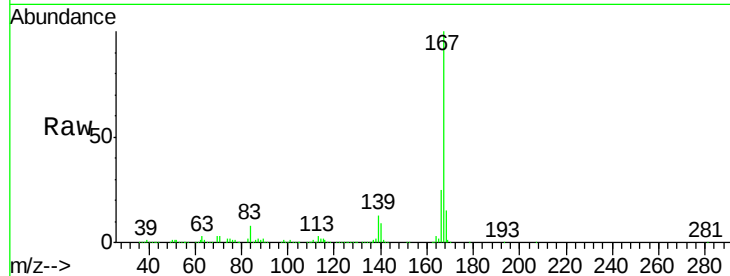




#73
 Carbazole
 Concen: 48.061 ng
 RT: 17.71 min Scan# 2488
 Delta R.T. -0.00 min
 Lab File: BG046524.D
 Acq: 3 Sep 2020 20:10

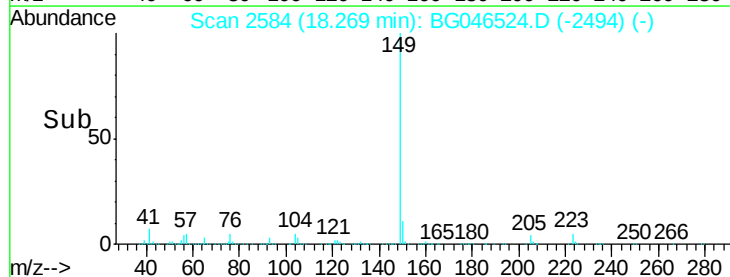
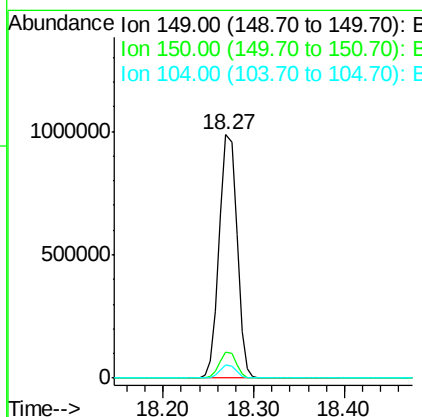
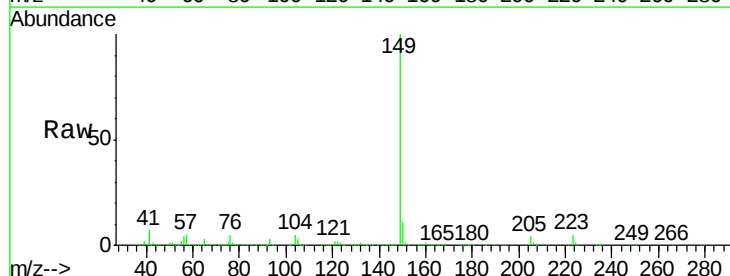
Instrument :
 BNA_G
 ClientSampleId :
 TR-05-090220MSD

Tot Ion:167 Resp: 1183941
 Ion Ratio Lower Upper
 167 100
 166 24.8 19.3 28.9
 139 12.5 9.7 14.5



#74
 Di-n-butylphthalate
 Concen: 47.266 ng
 RT: 18.27 min Scan# 2584
 Delta R.T. -0.00 min
 Lab File: BG046524.D
 Acq: 3 Sep 2020 20:10

Tgt Ion:149 Resp: 1338894
 Ion Ratio Lower Upper
 149 100
 150 10.6 8.1 12.1
 104 5.2 4.0 6.0





#75

Fluoranthene

Concen: 46.238 ng

RT: 19.36 min Scan# 2769

Delta R.T. -0.00 min

Lab File: BG046524.D

Acq: 3 Sep 2020 20:10

Instrument :

BNA_G

ClientSampleId :

TR-05-090220MSD

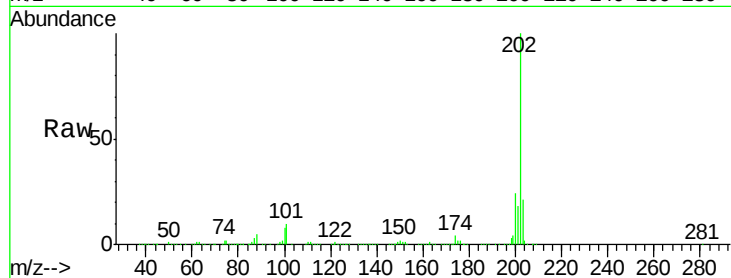
Tot Ion:202 Resp: 1573529

Ion Ratio Lower Upper

202 100

101 10.4 0.0 29.9

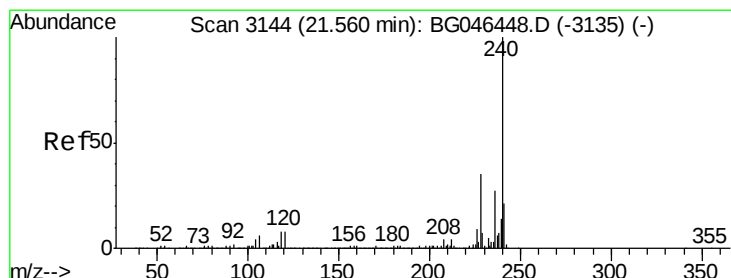
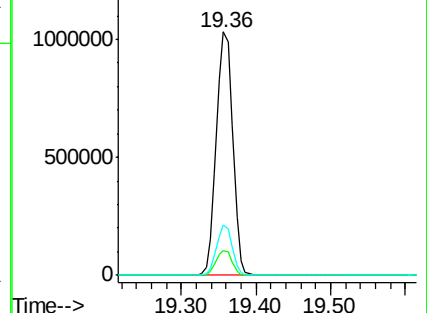
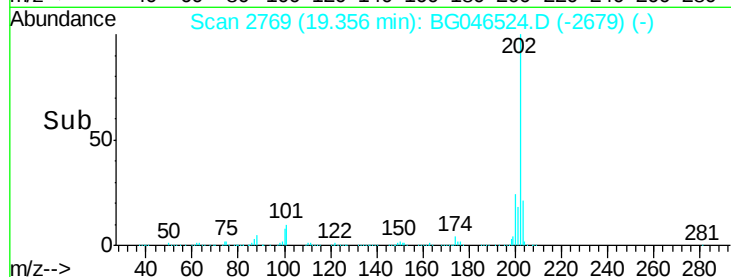
203 20.8 0.0 40.0



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: 21.55 min Scan# 3143

Delta R.T. -0.00 min

Lab File: BG046524.D

Acq: 3 Sep 2020 20:10

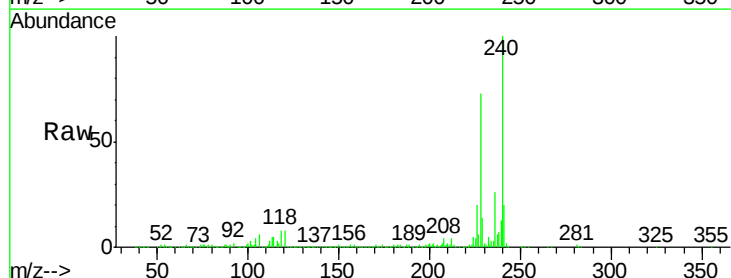
Tgt Ion:240 Resp: 510841

Ion Ratio Lower Upper

240 100

120 8.4 6.6 10.0

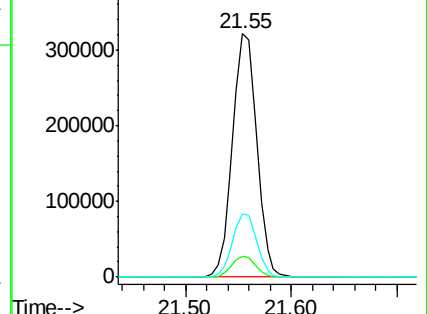
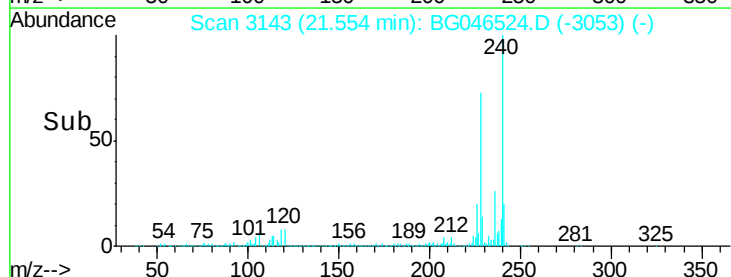
236 26.1 21.4 32.2



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 9.704 ng

RT: 19.54 min Scan# 2800

Delta R.T. 0.01 min

Lab File: BG046524.D

Acq: 3 Sep 2020 20:10

Instrument :

BNA_G

ClientSampleId :

TR-05-090220MSD

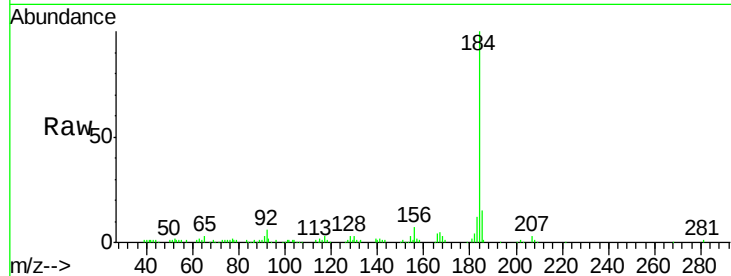
Tot Ion:184 Resp: 115195

Ion Ratio Lower Upper

184 100

185 15.4 11.8 17.8

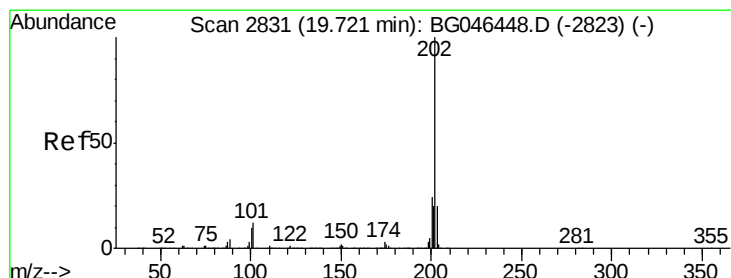
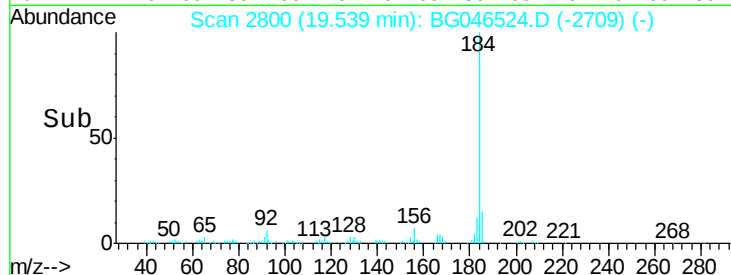
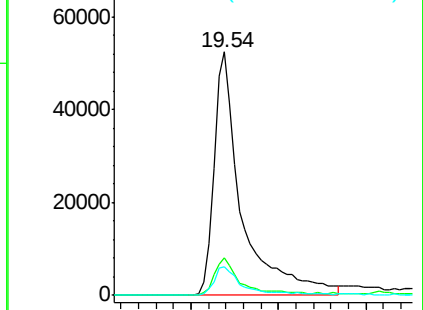
183 11.9 10.7 16.1



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: 48.289 ng

RT: 19.72 min Scan# 2831

Delta R.T. 0.01 min

Lab File: BG046524.D

Acq: 3 Sep 2020 20:10

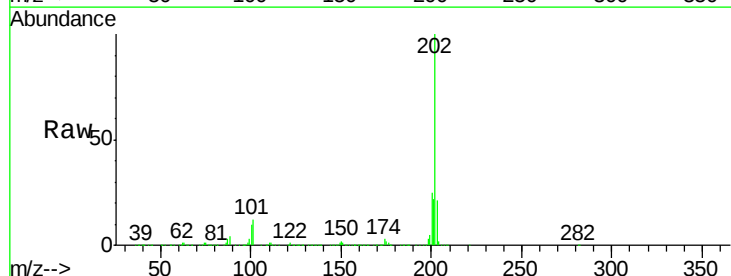
Tgt Ion:202 Resp: 1570821

Ion Ratio Lower Upper

202 100

200 24.6 18.9 28.3

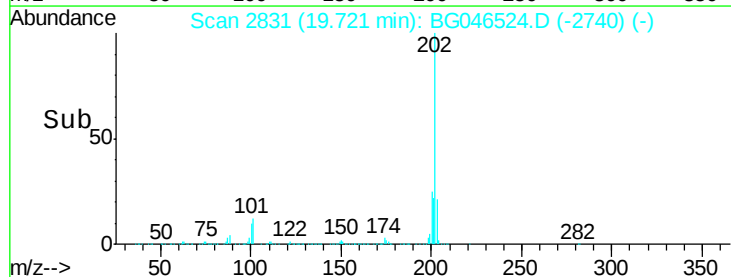
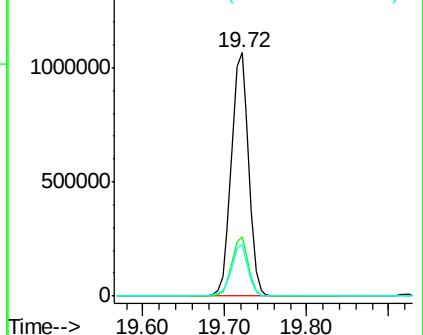
203 21.0 16.1 24.1

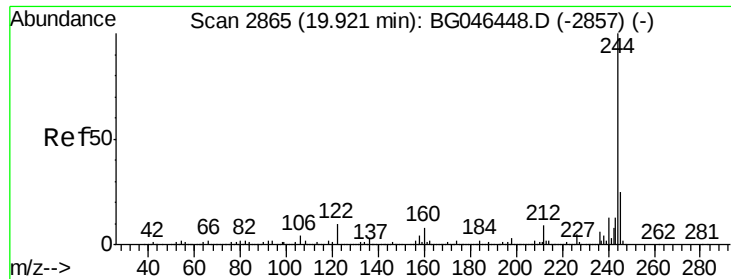


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 79.154 ng

RT: 19.92 min Scan# 2865

Delta R.T. -0.00 min

Lab File: BG046524.D

Acq: 3 Sep 2020 20:10

Instrument :

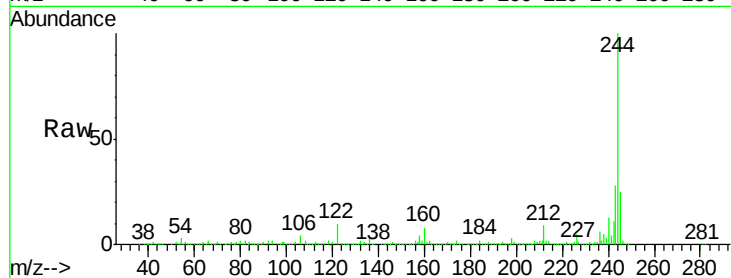
BNA_G

ClientSampleId :

TR-05-090220MSD

Tot Ion:244 Resp: 1899982

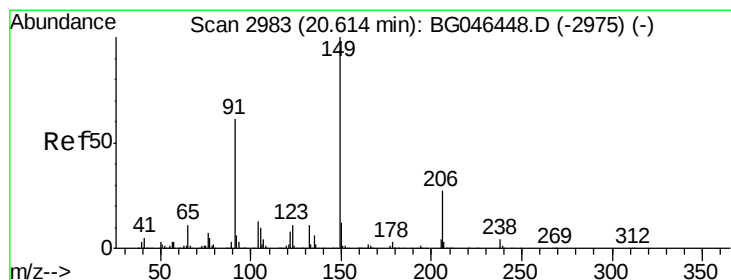
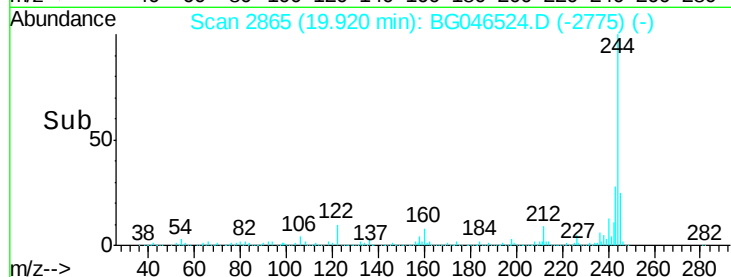
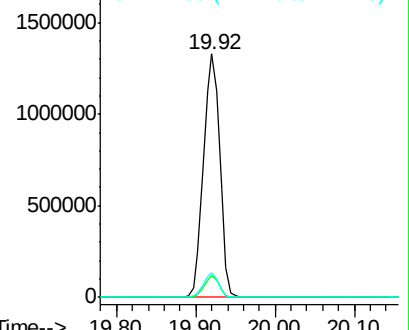
Ion	Ratio	Lower	Upper
244	100		
212	9.2	6.9	10.3
122	10.3	8.2	12.4



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: 48.826 ng

RT: 20.61 min Scan# 2982

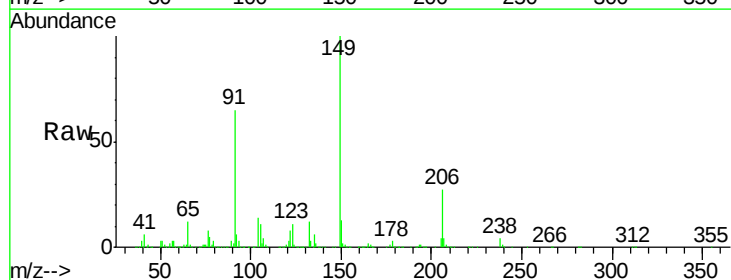
Delta R.T. -0.00 min

Lab File: BG046524.D

Acq: 3 Sep 2020 20:10

Tgt Ion:149 Resp: 619534

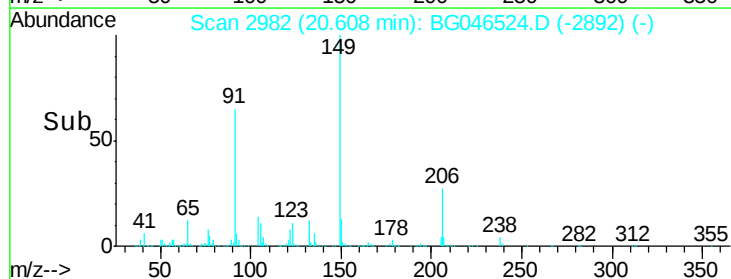
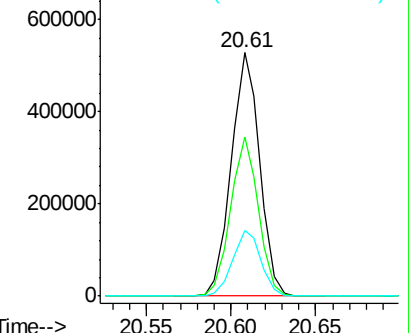
Ion	Ratio	Lower	Upper
149	100		
91	65.4	49.1	73.7
206	26.8	21.9	32.9

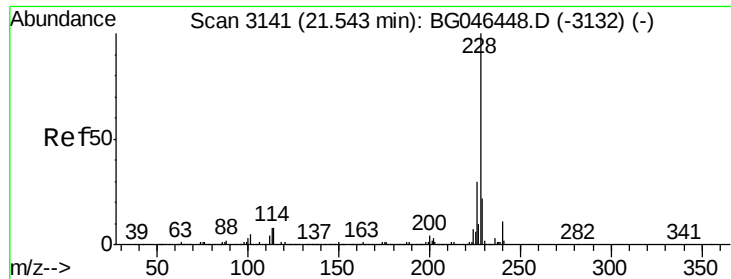


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

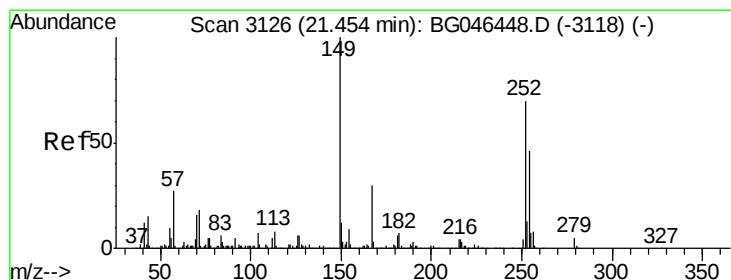
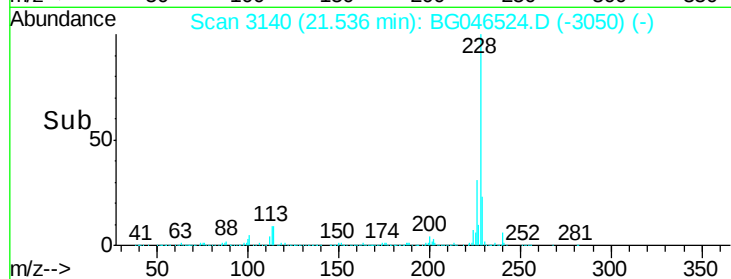
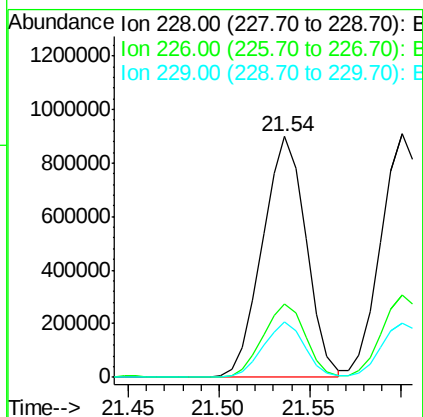
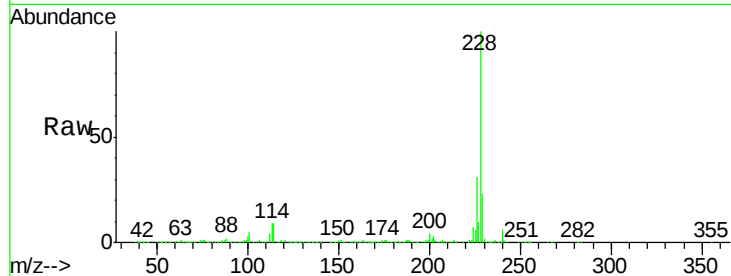




#81
Benzo(a)anthracene
Concen: 47.297 ng
RT: 21.54 min Scan# 3140
Delta R.T. -0.00 min
Lab File: BG046524.D
Acq: 3 Sep 2020 20:10

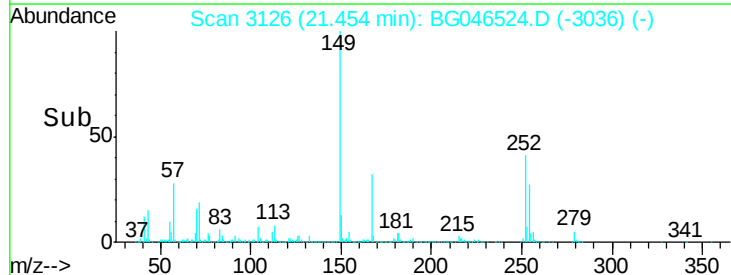
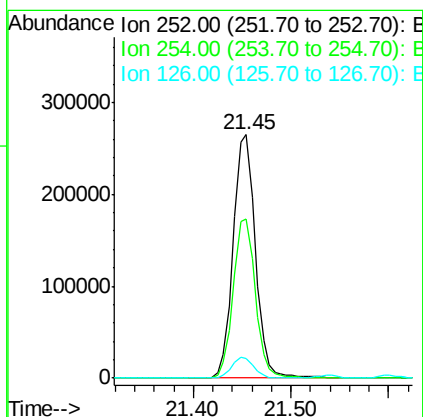
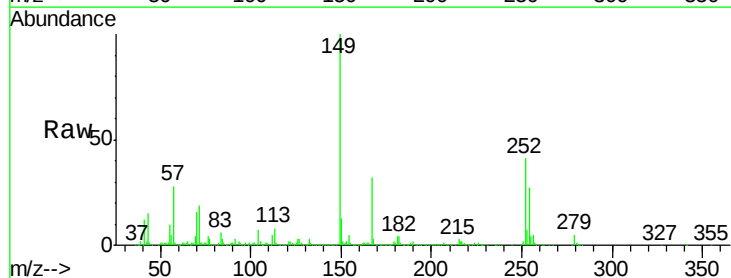
Instrument :
BNA_G
ClientSampleId :
TR-05-090220MSD

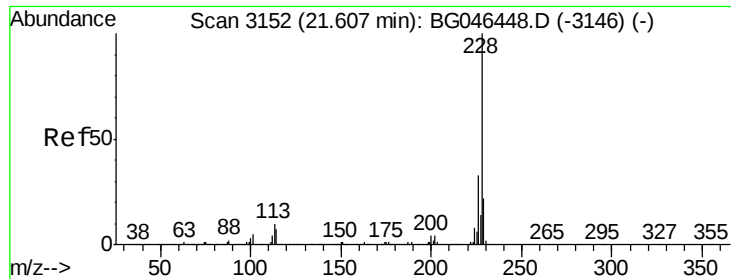
Tot Ion:228 Resp: 1505960
Ion Ratio Lower Upper
228 100
226 30.8 24.2 36.4
229 23.0 17.4 26.2



#82
3,3'-Dichlorobenzidine
Concen: 35.542 ng
RT: 21.45 min Scan# 3126
Delta R.T. -0.00 min
Lab File: BG046524.D
Acq: 3 Sep 2020 20:10

Tgt Ion:252 Resp: 419971
Ion Ratio Lower Upper
252 100
254 65.2 51.9 77.9
126 8.1 7.4 11.0





#83

Chrysene

Concen: 47.933 ng

RT: 21.60 min Scan# 3151

Delta R.T. 0.01 min

Lab File: BG046524.D

Acq: 3 Sep 2020 20:10

Instrument :

BNA_G

ClientSampleId :

TR-05-090220MSD

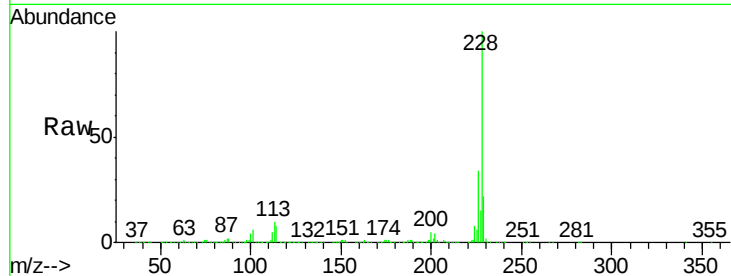
Tot Ion:228 Resp: 1468096

Ion Ratio Lower Upper

228 100

226 34.0 26.2 39.4

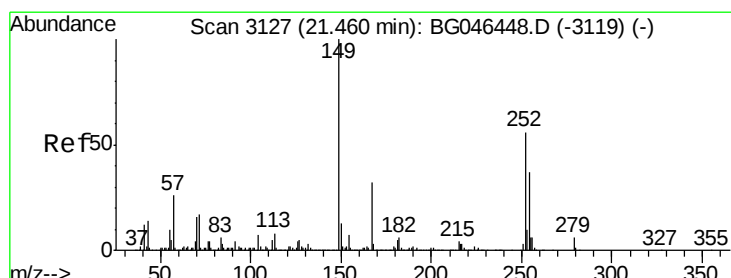
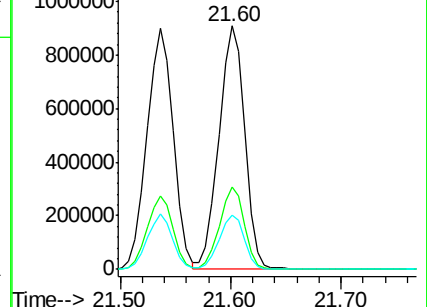
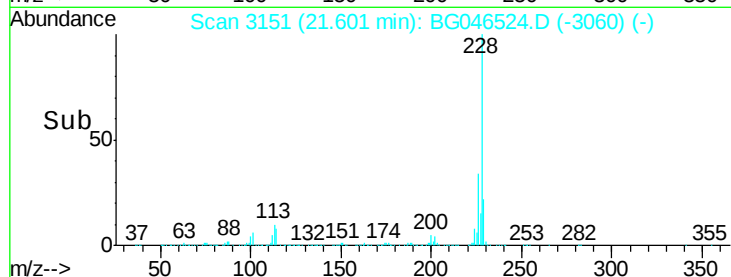
229 22.4 17.9 26.9



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: 50.059 ng

RT: 21.45 min Scan# 3126

Delta R.T. -0.00 min

Lab File: BG046524.D

Acq: 3 Sep 2020 20:10

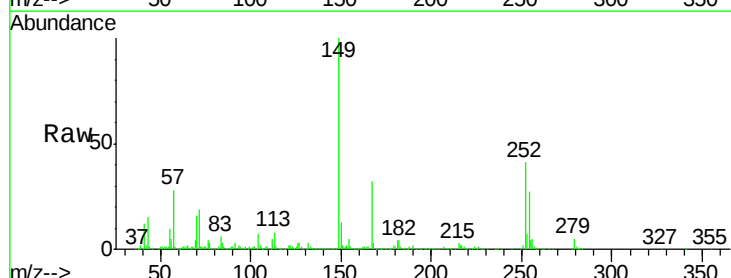
Tgt Ion:149 Resp: 866806

Ion Ratio Lower Upper

149 100

167 32.2 25.4 38.2

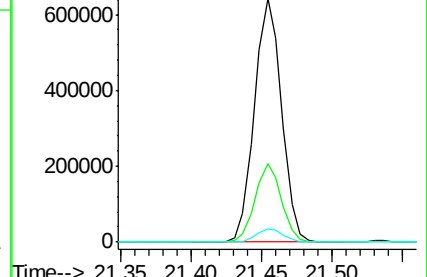
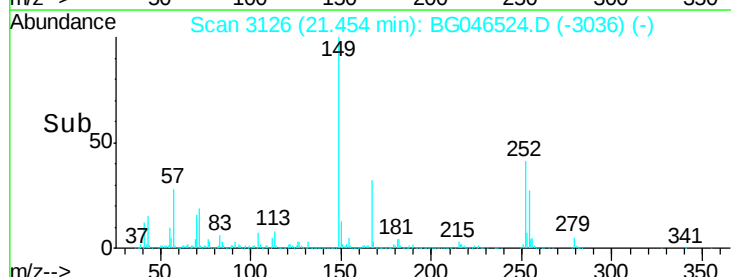
279 5.4 4.5 6.7

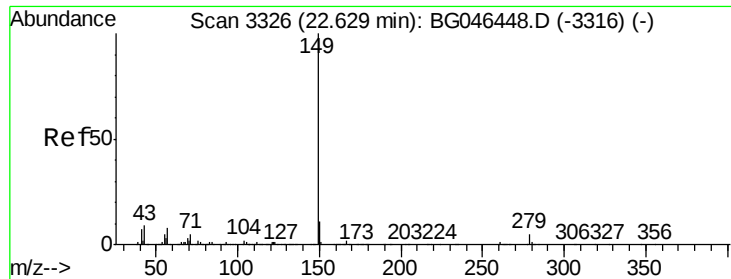


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 51.646 ng

RT: 22.62 min Scan# 3325

Delta R.T. -0.00 min

Lab File: BG046524.D

Acq: 3 Sep 2020 20:10

Instrument :

BNA_G

ClientSampleId :

TR-05-090220MSD

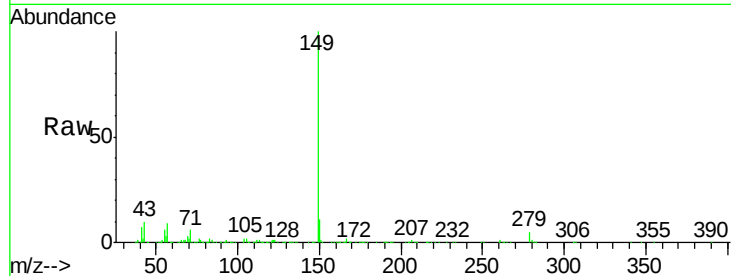
Tot Ion:149 Resp: 1531263

Ion Ratio Lower Upper

149 100

167 1.8 1.5 2.3

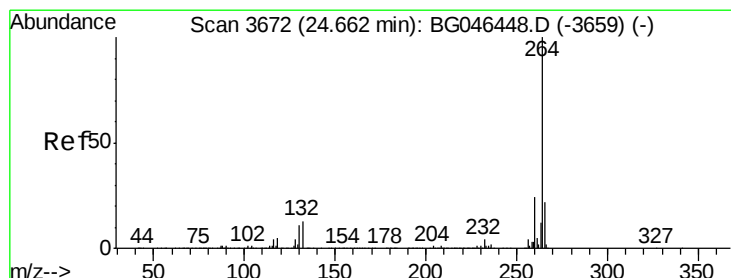
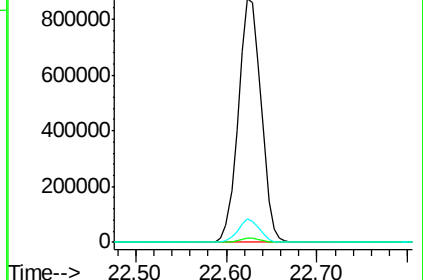
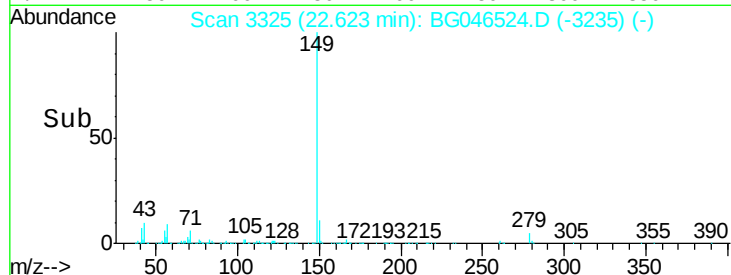
43 9.0 7.0 10.4



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): B



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.66 min Scan# 3671

Delta R.T. -0.00 min

Lab File: BG046524.D

Acq: 3 Sep 2020 20:10

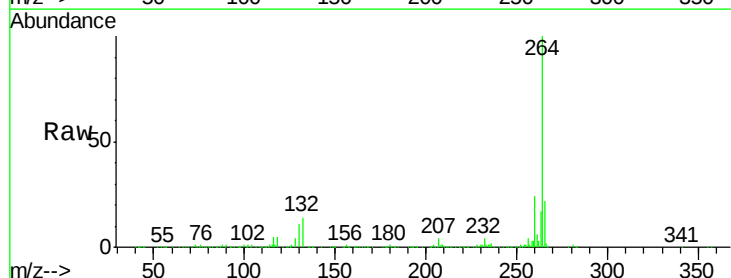
Tgt Ion:264 Resp: 532396

Ion Ratio Lower Upper

264 100

260 23.9 19.2 28.8

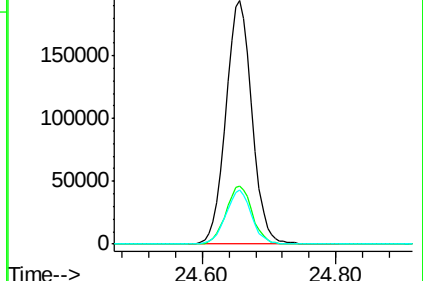
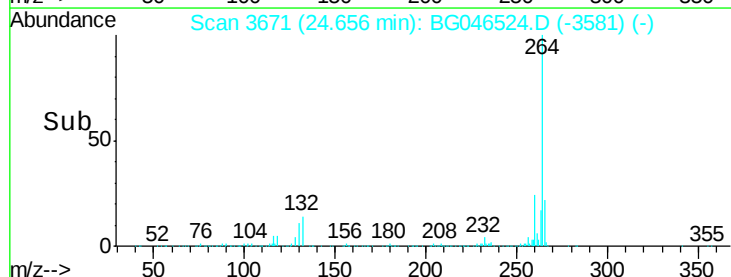
265 22.2 17.9 26.9

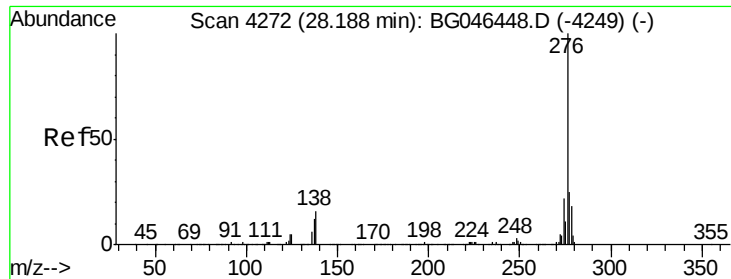


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

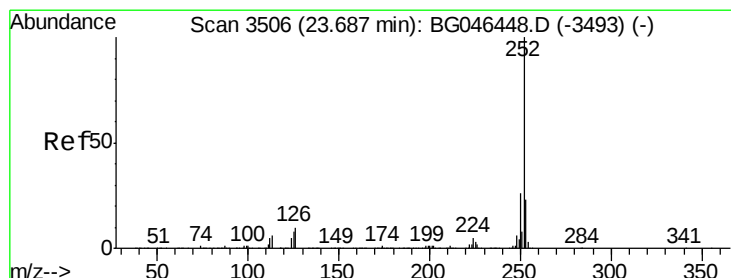
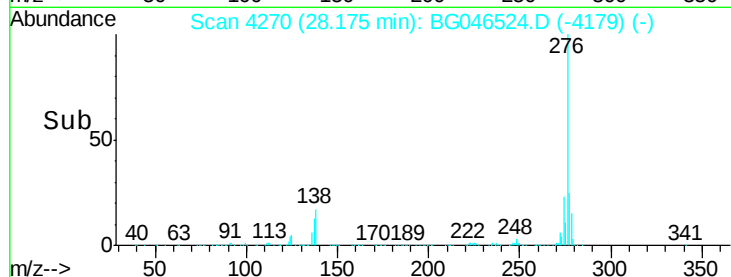
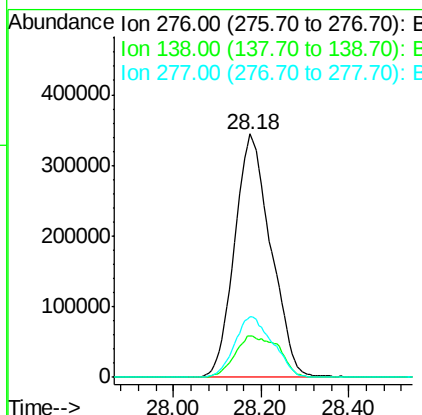
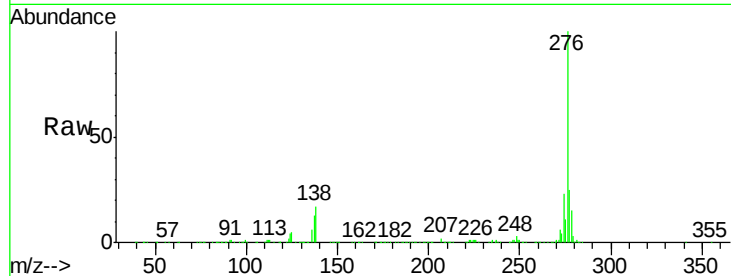




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 50.535 ng
 RT: 28.18 min Scan# 4270
 Delta R.T. 0.01 min
 Lab File: BG046524.D
 Acq: 3 Sep 2020 20:10

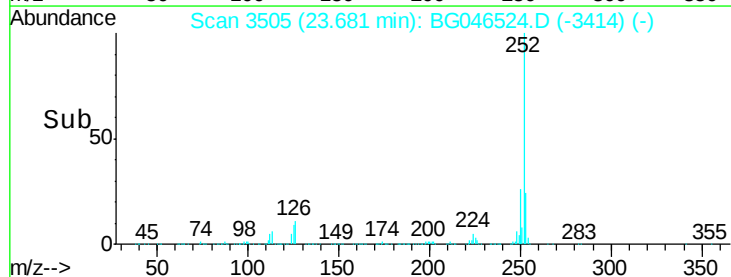
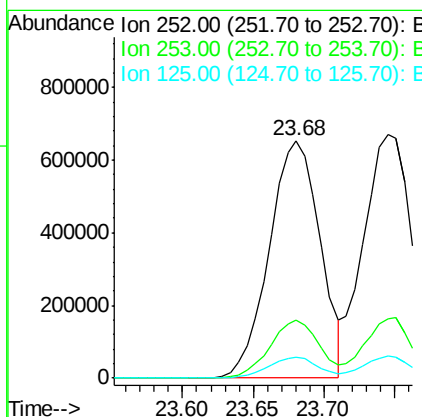
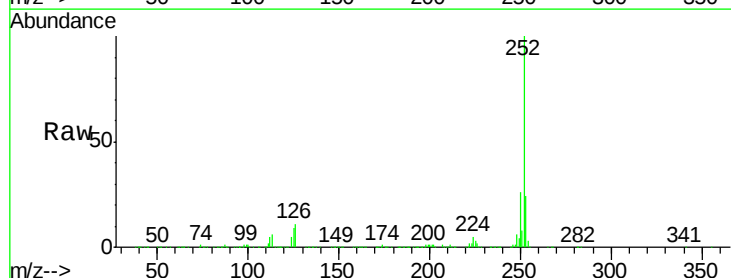
Instrument :
 BNA_G
 ClientSampleId :
 TR-05-090220MSD

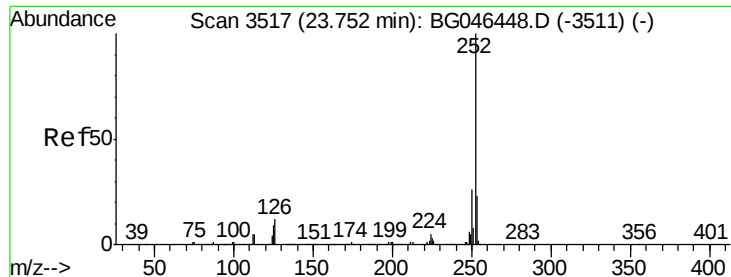
Tot Ion:276 Resp: 1932350
 Ion Ratio Lower Upper
 276 100
 138 20.8 16.5 24.7
 277 26.2 20.7 31.1



#88
 Benzo(b)fluoranthene
 Concen: 49.295 ng
 RT: 23.68 min Scan# 3505
 Delta R.T. 0.01 min
 Lab File: BG046524.D
 Acq: 3 Sep 2020 20:10

Tgt Ion:252 Resp: 1638740
 Ion Ratio Lower Upper
 252 100
 253 24.3 18.2 27.4
 125 8.9 6.2 9.2

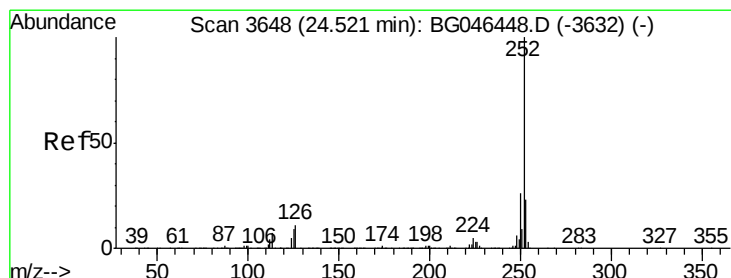
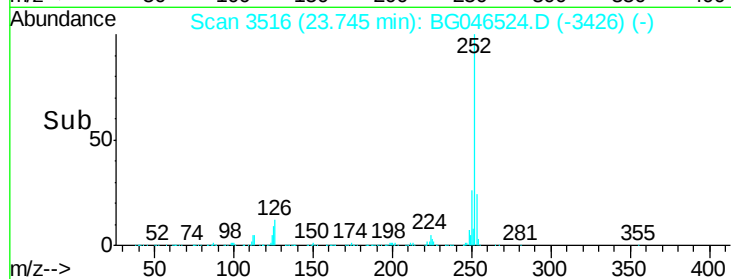
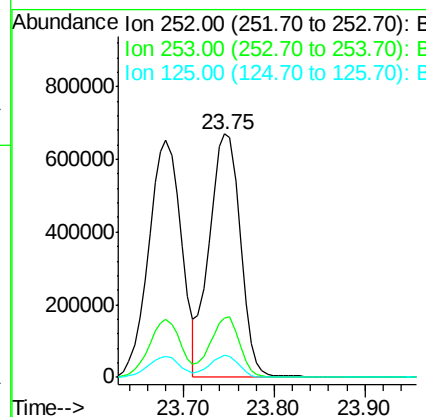
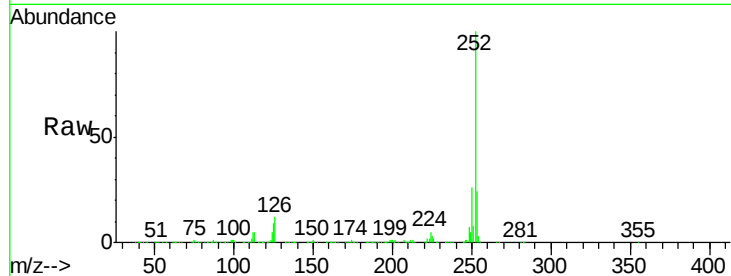




#89
Benzo(k)fluoranthene
Concen: 49.718 ng
RT: 23.75 min Scan# 3516
Delta R.T. -0.00 min
Lab File: BG046524.D
Acq: 3 Sep 2020 20:10

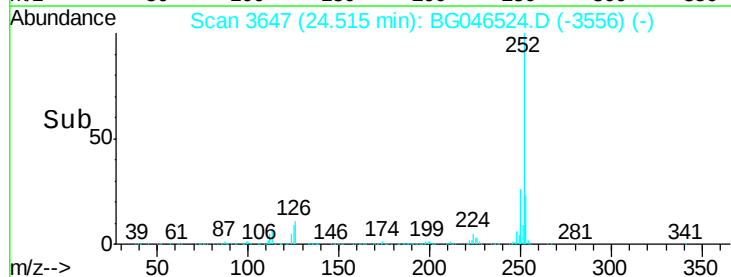
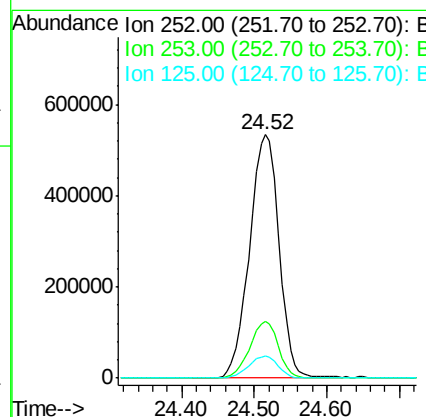
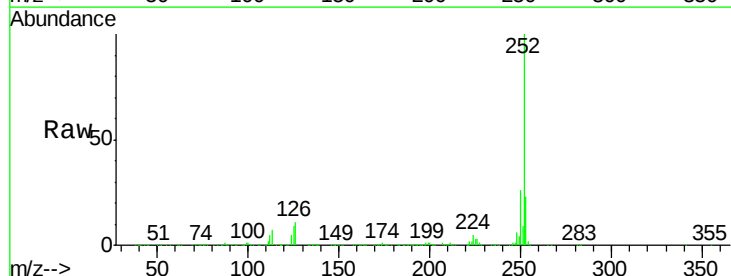
Instrument :
BNA_G
ClientSampleId :
TR-05-090220MSD

Tot Ion:252 Resp: 1597368
Ion Ratio Lower Upper
252 100
253 24.4 18.5 27.7
125 9.3 6.8 10.2



#90
Benzo(a)pyrene
Concen: 48.501 ng
RT: 24.52 min Scan# 3647
Delta R.T. 0.01 min
Lab File: BG046524.D
Acq: 3 Sep 2020 20:10

Tgt Ion:252 Resp: 1504678
Ion Ratio Lower Upper
252 100
253 23.4 18.2 27.4
125 9.3 7.4 11.0

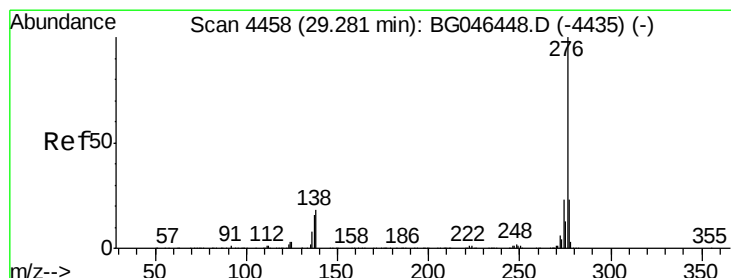
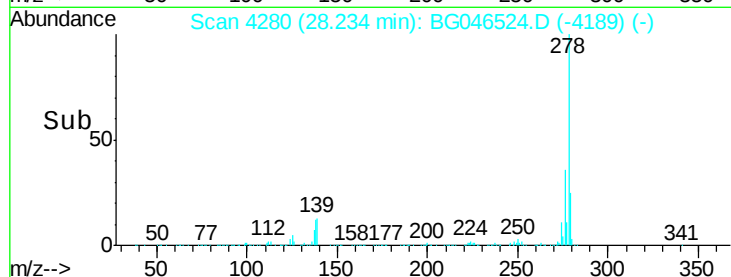
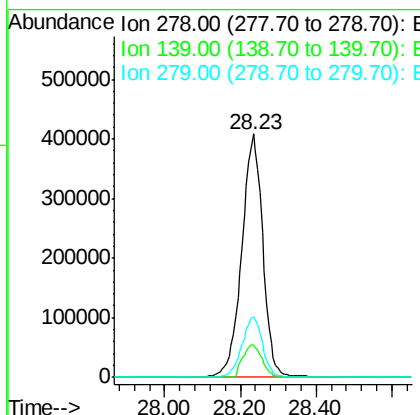
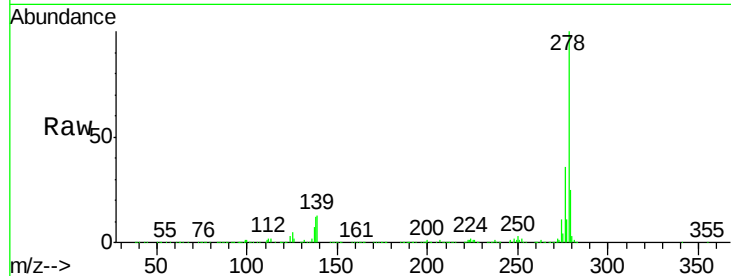




#91
Dibenzo(a,h)anthracene
Concen: 51.300 ng
RT: 28.23 min Scan# 4280
Delta R.T. 0.01 min
Lab File: BG046524.D
Acq: 3 Sep 2020 20:10

Instrument :
BNA_G
ClientSampleId :
TR-05-090220MSD

Tot Ion:278 Resp: 1582940
Ion Ratio Lower Upper
278 100
139 13.2 11.2 16.8
279 25.0 19.8 29.8



#92
Benzo(g,h,i)perylene
Concen: 52.294 ng
RT: 29.27 min Scan# 4457
Delta R.T. -0.00 min
Lab File: BG046524.D
Acq: 3 Sep 2020 20:10

Tgt Ion:276 Resp: 1611353
Ion Ratio Lower Upper
276 100
277 24.1 18.7 28.1
138 18.1 14.7 22.1

