

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090220\
 Data File : BG046509.D
 Acq On : 2 Sep 2020 18:52
 Operator : CG/JU
 Sample : L3837-03MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 789UMR-DSP01-01MSD

Quant Time: Sep 03 00:35:48 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	63600	20.00	ng	0.00
21) Naphthalene-d8	10.73	136	275830	20.00	ng	0.00
39) Acenaphthene-d10	14.56	164	220244	20.00	ng	0.00
64) Phenanthrene-d10	17.31	188	564228	20.00	ng	0.00
76) Chrysene-d12	21.56	240	528068	20.00	ng	0.00
86) Perylene-d12	24.66	264	562898	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	422999	117.80	ng	0.00
7) Phenol-d6	7.11	99	522554	102.66	ng	0.00
23) Nitrobenzene-d5	9.09	82	419761	86.98	ng	0.00
42) 2,4,6-Tribromophenol	16.06	330	357336	119.74	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	1139153	78.96	ng	0.00
79) Terphenyl-d14	19.92	244	1929162	77.75	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.42	88	47732	31.951	ng	# 91
3) Pyridine	3.82	79	146901	33.609	ng	95
4) n-Nitrosodimethylamine	3.72	42	72293	44.844	ng	95
6) Aniline	7.25	93	173966	30.370	ng	99
8) 2-Chlorophenol	7.50	128	195780	51.587	ng	98
9) Benzaldehyde	7.07	77	123383	43.263	ng	94
10) Phenol	7.13	94	212292	45.280	ng	97
11) bis(2-Chloroethyl)ether	7.35	93	184703	49.011	ng	98
12) 1,3-Dichlorobenzene	7.82	146	185203	38.437	ng	99
13) 1,4-Dichlorobenzene	7.97	146	190106	39.409	ng	98
14) 1,2-Dichlorobenzene	8.28	146	188929	40.846	ng	97
15) Benzyl Alcohol	8.17	79	185886	56.879	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.46	45	275249	47.086	ng	99
17) 2-Methylphenol	8.38	107	176149	52.977	ng	98
18) Hexachloroethane	9.01	117	61125	37.372	ng	97
19) n-Nitroso-di-n-propylamine	8.73	70	162639	53.414	ng	98
20) 3+4-Methylphenols	8.71	107	243605	53.079	ng	98
22) Acetophenone	8.75	105	305255	45.464	ng	# 99
24) Nitrobenzene	9.13	77	222104	46.584	ng	98
25) Isophorone	9.65	82	468285	52.927	ng	99
26) 2-Nitrophenol	9.84	139	123977	49.285	ng	96
27) 2,4-Dimethylphenol	9.91	122	205831	59.492	ng	95
28) bis(2-Chloroethoxy)methane	10.13	93	271193	47.621	ng	100
29) 2,4-Dichlorophenol	10.38	162	237242	51.437	ng	99
30) 1,2,4-Trichlorobenzene	10.59	180	223524	40.845	ng	97
31) Naphthalene	10.78	128	596304	44.276	ng	99
32) Benzoic acid	10.06	122	86616	36.965	ng	93
33) 4-Chloroaniline	10.89	127	42837	7.213	ng	96
34) Hexachlorobutadiene	11.07	225	134531	37.870	ng	99
35) Caprolactam	11.67	113	47466	27.532	ng	92
36) 4-Chloro-3-methylphenol	12.02	107	258425	57.287	ng	95
37) 2-Methylnaphthalene	12.38	142	508659	47.889	ng	99
38) 1-Methylnaphthalene	12.61	142	486660	48.370	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.76	216	306082	42.144	ng	99

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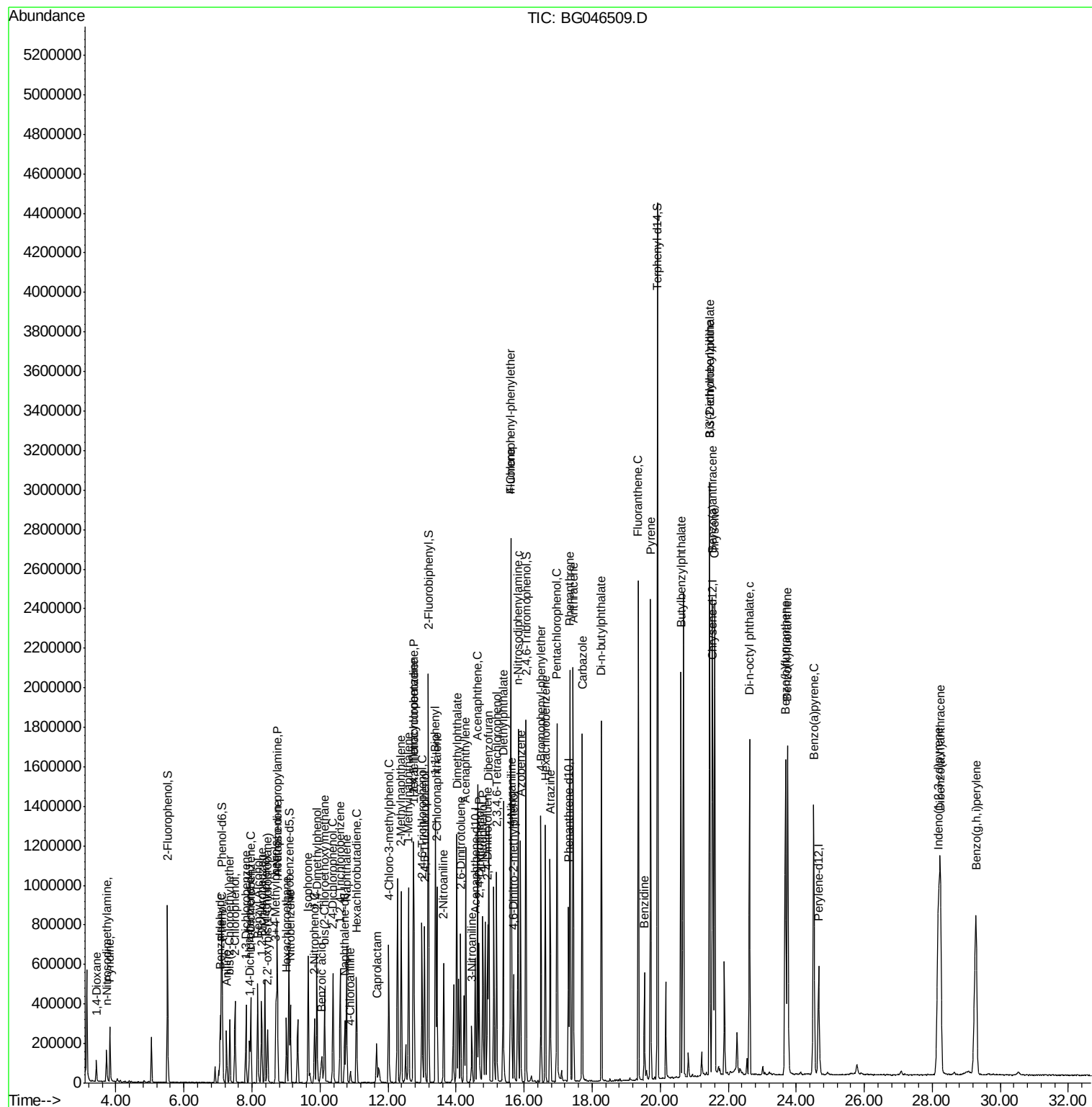
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.74	237	264436	83.734	nq	99
43) 2,4,6-Trichlorophenol	13.00	196	235201	47.989	nq	98
44) 2,4,5-Trichlorophenol	13.08	196	259879	50.467	nq	99
46) 1,1'-Biphenyl	13.39	154	706618	46.114	nq	99
47) 2-Chloronaphthalene	13.44	162	558732	43.006	nq	99
48) 2-Nitroaniline	13.63	65	177495	49.200	nq	96
49) Acenaphthylene	14.29	152	920438	46.704	nq	99
50) Dimethylphthalate	14.02	163	898676	52.742	nq	99
51) 2,6-Dinitrotoluene	14.13	165	191493	50.983	nq	99
52) Acenaphthene	14.63	154	564120	46.191	nq	99
53) 3-Nitroaniline	14.46	138	85074	20.910	nq	98
54) 2,4-Dinitrophenol	14.67	184	204964	93.488	nq	97
55) Dibenzofuran	14.96	168	924171	47.153	nq	99
56) 4-Nitrophenol	14.79	139	271637	90.719	nq	96
57) 2,4-Dinitrotoluene	14.93	165	276361	51.602	nq	98
58) Fluorene	15.61	166	799458	48.600	nq	100
59) 2,3,4,6-Tetrachlorophenol	15.19	232	251659	50.326	nq	98
60) Diethylphthalate	15.39	149	827631	49.818	nq	99
61) 4-Chlorophenyl-phenylether	15.60	204	432088	47.695	nq	97
62) 4-Nitroaniline	15.63	138	192913	44.937	nq	98
63) Azobenzene	15.90	77	687336	50.862	nq	98
65) 4,6-Dinitro-2-methylphenol	15.70	198	169786	53.165	nq	97
66) n-Nitrosodiphenylamine	15.82	169	740693	48.660	nq	99
67) 4-Bromophenyl-phenylether	16.50	248	308924	46.930	nq	97
68) Hexachlorobenzene	16.63	284	323155	44.327	nq	99
69) Atrazine	16.77	200	241618	38.910	nq	99
70) Pentachlorophenol	16.97	266	380652	99.935	nq	99
71) Phenanthrene	17.35	178	1307477	45.718	nq	99
72) Anthracene	17.44	178	1343711	47.621	nq	97
73) Carbazole	17.71	167	1224192	45.951	nq	99
74) Di-n-butylphthalate	18.27	149	1390058	45.376	nq	98
75) Fluoranthene	19.36	202	1599570	43.462	nq	99
77) Benzidine	19.53	184	374198	30.495	nq	98
78) Pyrene	19.72	202	1590329	47.293	nq	98
80) Butylbenzylphthalate	20.61	149	626438	47.760	nq	96
81) Benzo(a)anthracene	21.54	228	1523171	46.277	nq	98
82) 3,3'-Dichlorobenzidine	21.45	252	347617	28.459	nq	98
83) Chrysene	21.60	228	1480258	46.753	nq	98
84) Bis(2-ethylhexyl)phthalate	21.46	149	877872	49.044	nq	100
85) Di-n-octyl phthalate	22.63	149	1512695	49.355	nq	99
87) Indeno(1,2,3-cd)pyrene	28.18	276	1912922	47.316	nq	100
88) Benzo(b)fluoranthene	23.68	252	1609414	45.790	nq	96
89) Benzo(k)fluoranthene	23.75	252	1581155	46.547	nq	98
90) Benzo(a)pyrene	24.52	252	1482021	45.182	nq	99
91) Dibenzo(a,h)anthracene	28.24	278	1555865	47.690	nq	98
92) Benzo(g,h,i)perylene	29.28	276	1593190	48.903	nq	99

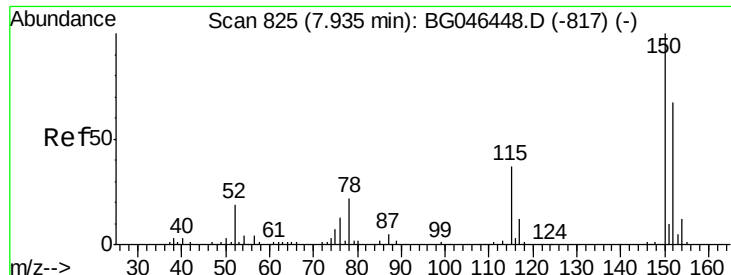
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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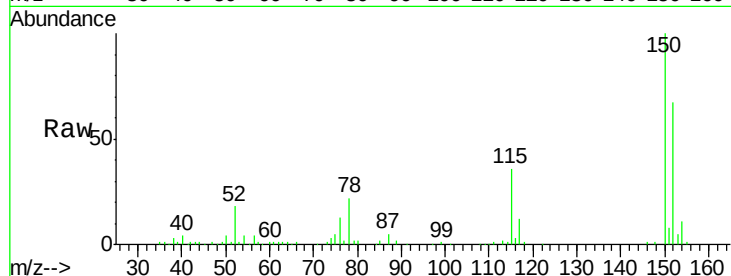


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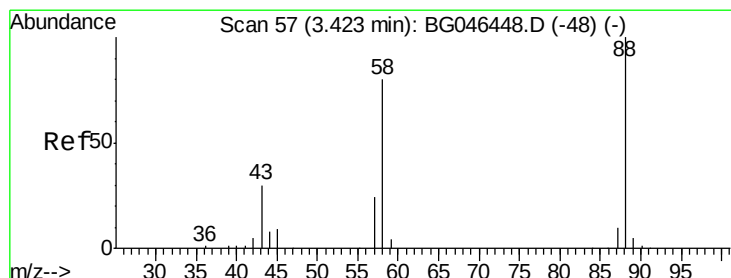
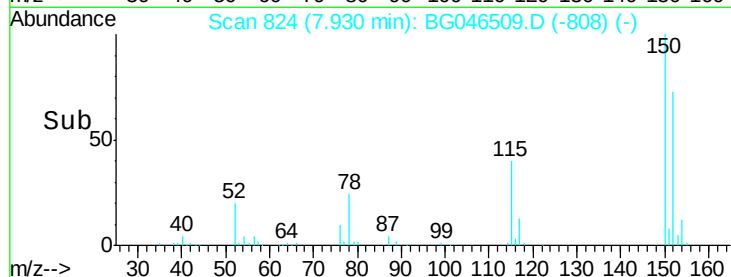
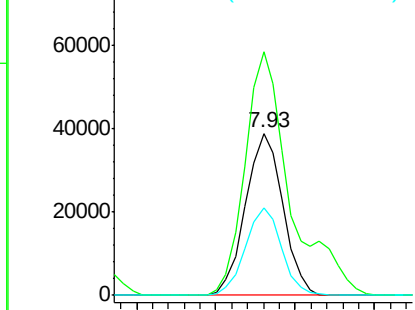
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.93 min Scan# 824
 Delta R.T. -0.00 min
 Lab File: BG046509.D
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 BNA_G
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Tot Ion	Ratio	Lower	Upper
152	100		
150	150.2	119.5	179.3
115	54.2	44.3	66.5



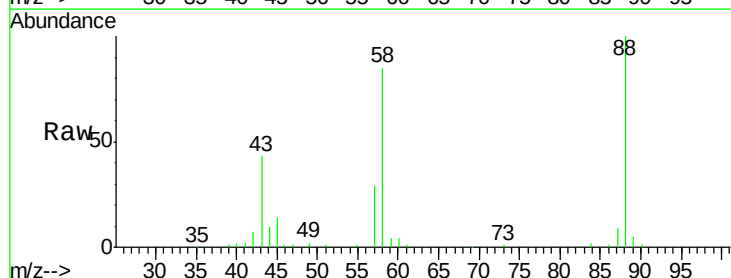
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



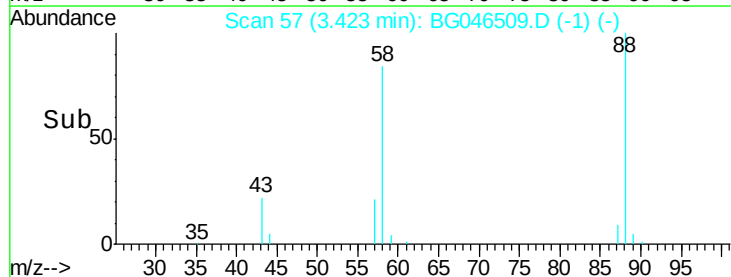
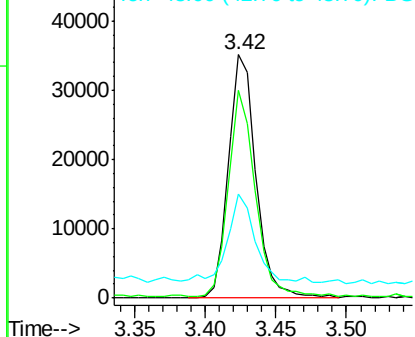
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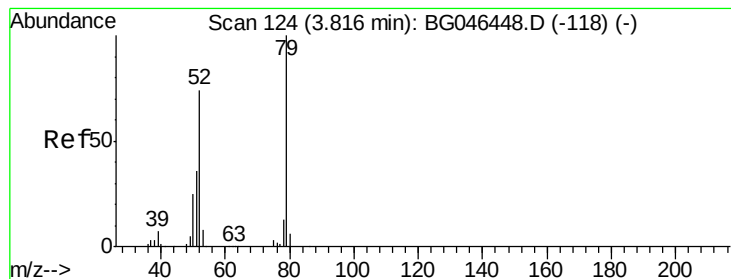
1,4-Dioxane
 Concen: 31.951 ng
 RT: 3.42 min Scan# 57
 Delta R.T. 0.00 min
 Lab File: BG046509.D
 Acq: 2 Sep 2020 18:52

Tgt Ion	Ratio	Lower	Upper
88	100		
58	83.0	61.4	92.2
43	34.4	21.6	32.4



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





#3

Pvridine

Concen: 33.609 ng

RT: 3.82 min Scan# 125

Delta R.T. 0.01 min

Lab File: BG046509.D

Acq: 2 Sep 2020 18:52

Instrument :

BNA_G

ClientSampleId :

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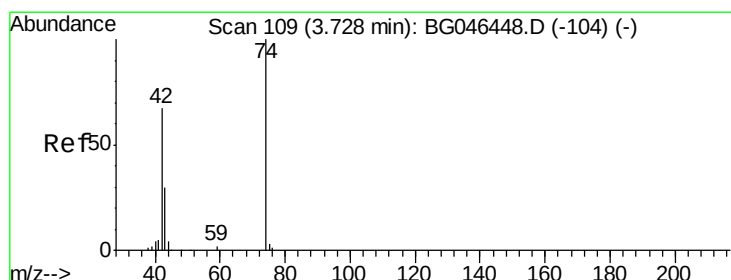
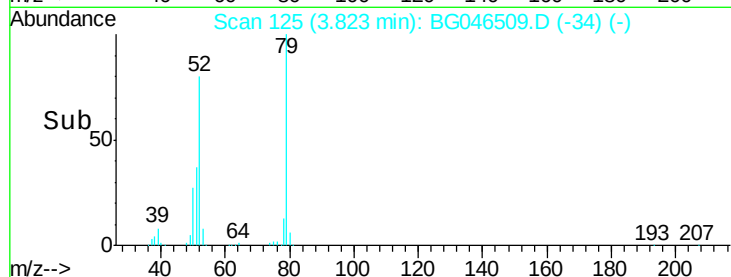
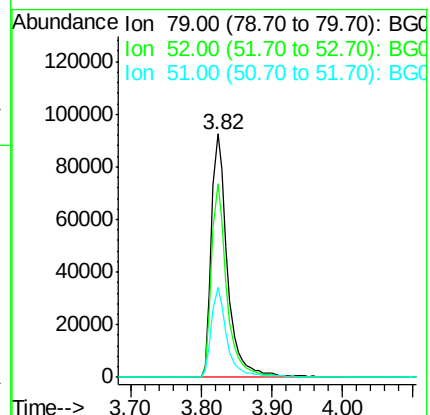
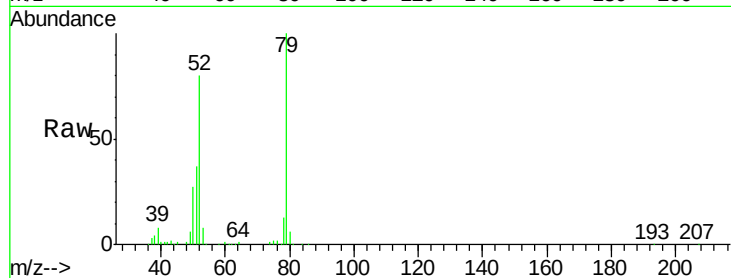
Tot Ion: 79 Resp: 146901

Ion Ratio Lower Upper

79 100

52 79.7 59.1 88.7

51 37.0 29.0 43.6



#4

n-Nitrosodimethylamine

Concen: 44.844 ng

RT: 3.72 min Scan# 108

Delta R.T. -0.00 min

Lab File: BG046509.D

Acq: 2 Sep 2020 18:52

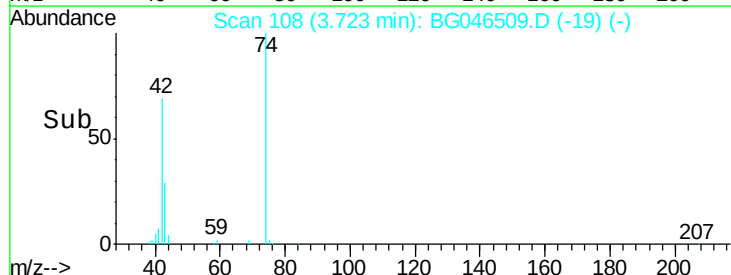
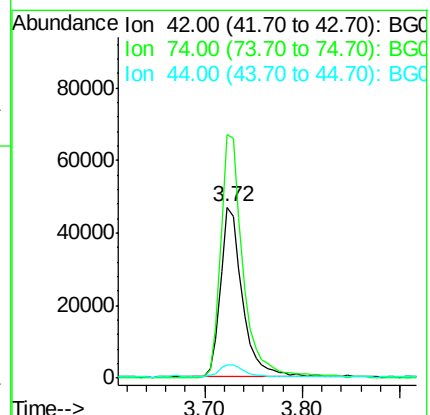
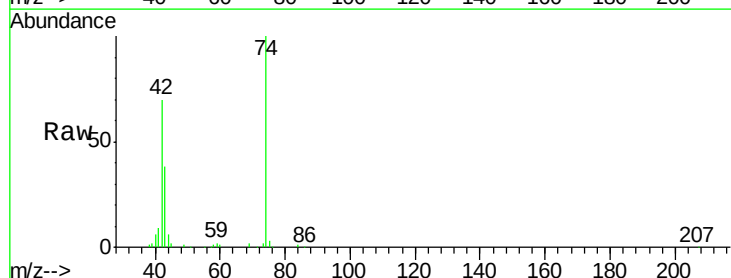
Tgt Ion: 42 Resp: 72293

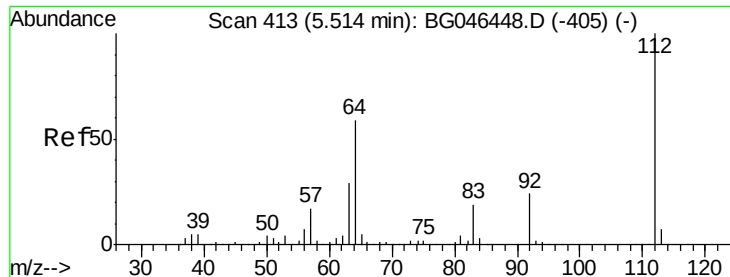
Ion Ratio Lower Upper

42 100

74 142.3 119.5 179.3

44 7.9 5.7 8.5





#5

2-Fluorophenol

Concen: 117.800 ng

RT: 5.52 min Scan# 413

Delta R.T. 0.00 min

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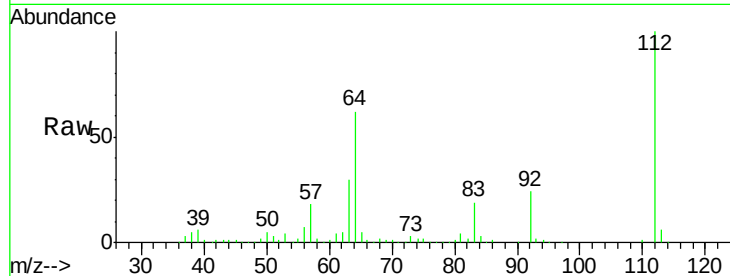
Tot Ion:112 Resp: 422999

Ion Ratio Lower Upper

112 100

64 61.8 47.0 70.6

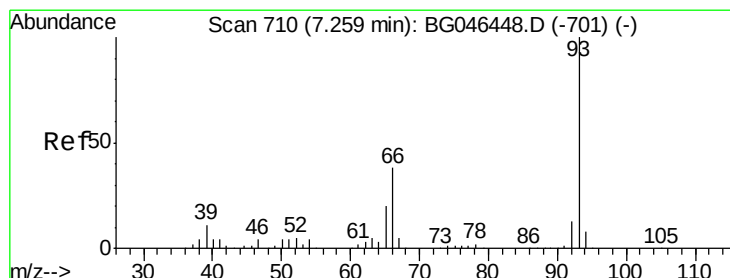
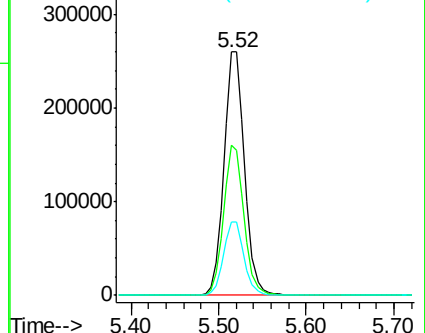
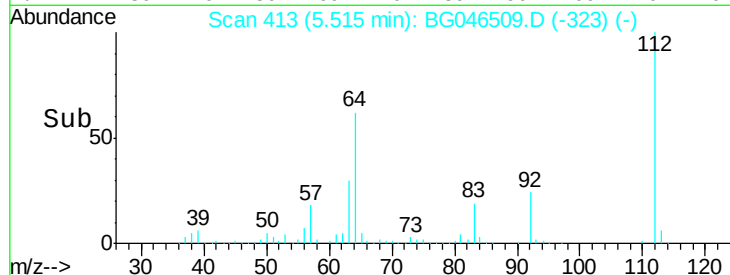
63 30.2 23.5 35.3



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 30.370 ng

RT: 7.25 min Scan# 709

Delta R.T. 0.00 min

Lab File: BG046509.D

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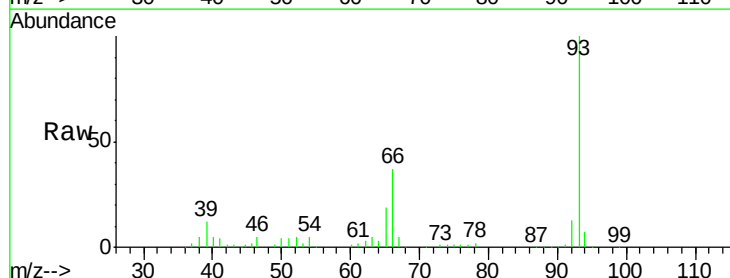
Tgt Ion: 93 Resp: 173966

Ion Ratio Lower Upper

93 100

66 37.4 30.4 45.6

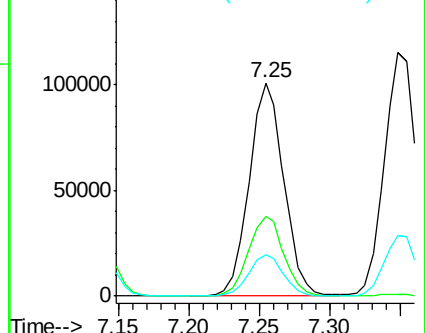
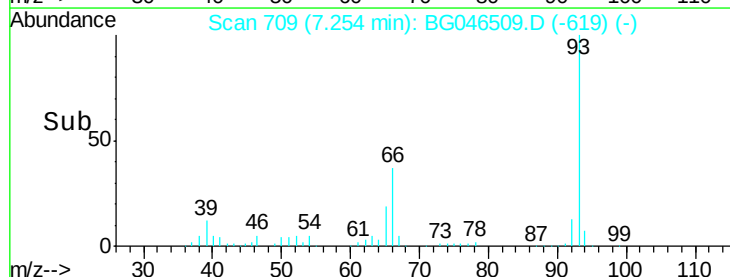
65 19.3 15.8 23.6

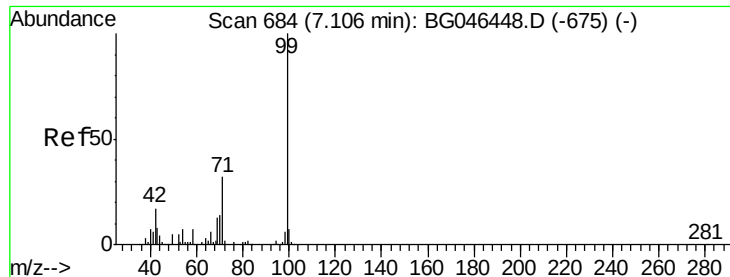


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 102.656 ng

RT: 7.11 min Scan# 684

Delta R.T. 0.00 min

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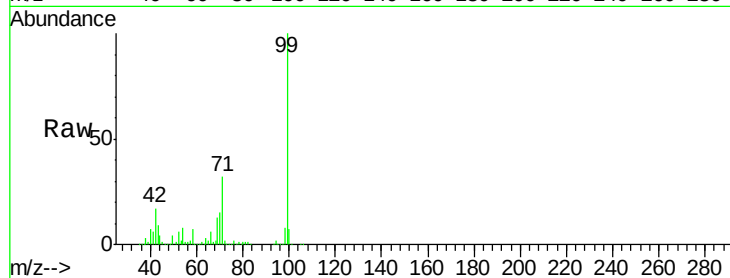
Tot Ion: 99 Resp: 522554

Ion Ratio Lower Upper

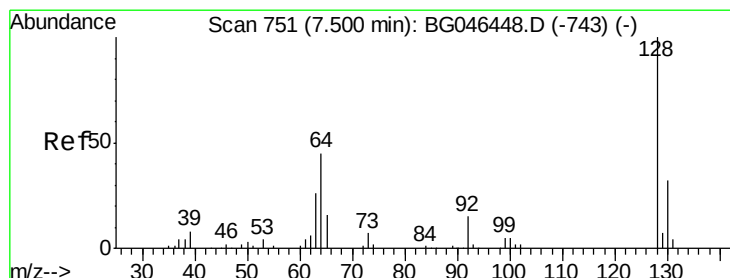
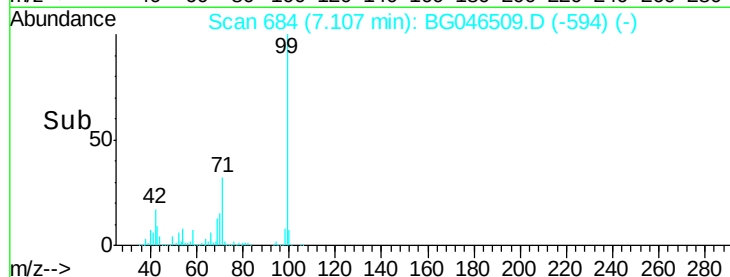
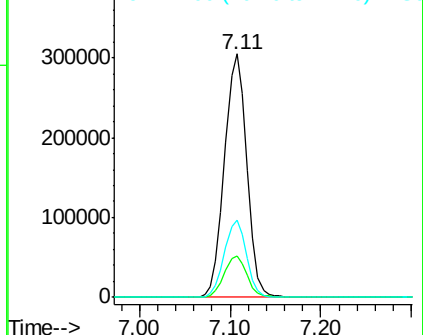
99 100

42 17.1 13.3 19.9

71 31.5 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: 51.587 ng

RT: 7.50 min Scan# 751

Delta R.T. 0.00 min

Lab File: BG046509.D

Acq: 2 Sep 2020 18:52

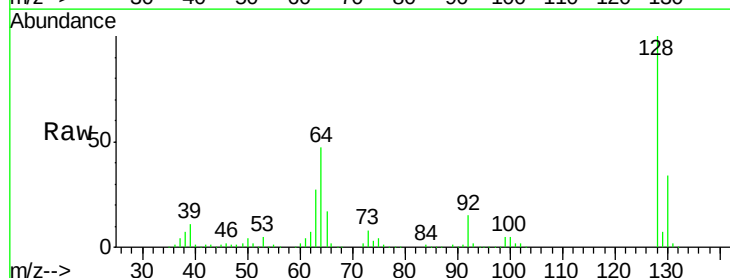
Tgt Ion: 128 Resp: 195780

Ion Ratio Lower Upper

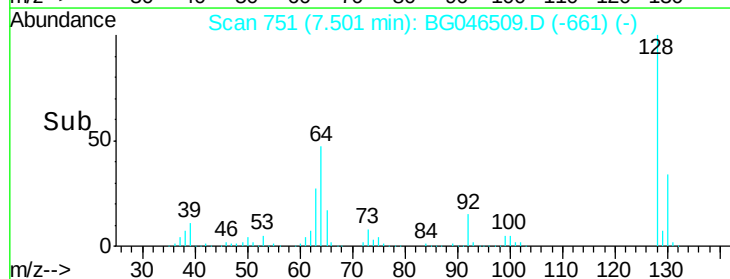
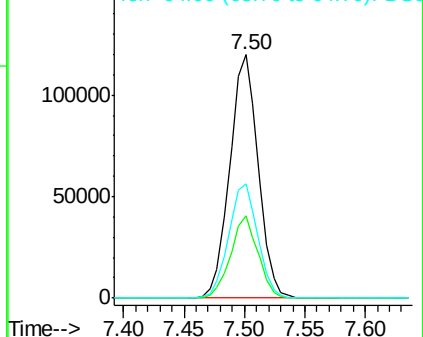
128 100

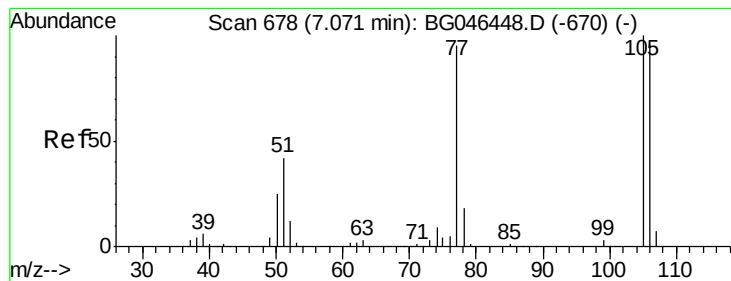
130 33.6 12.4 52.4

64 46.9 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: 43.263 ng

RT: 7.07 min Scan# 677

Delta R.T. 0.00 min

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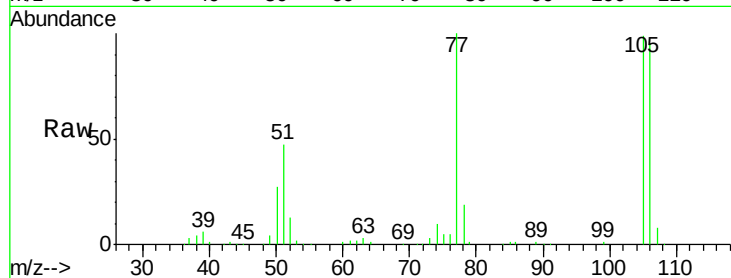
Tot Ion: 77 Resp: 123383

Ion Ratio Lower Upper

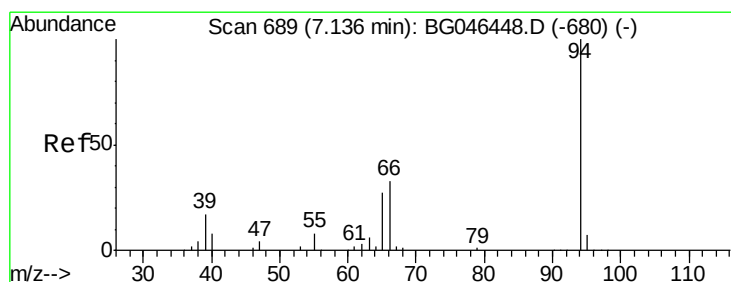
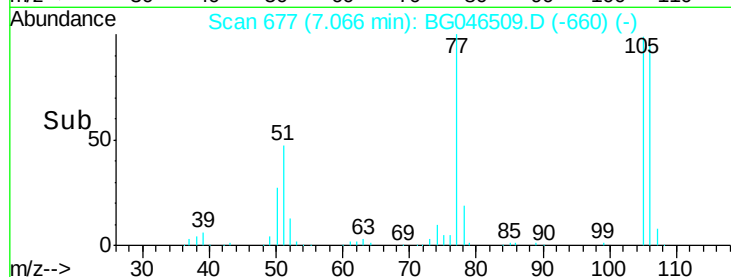
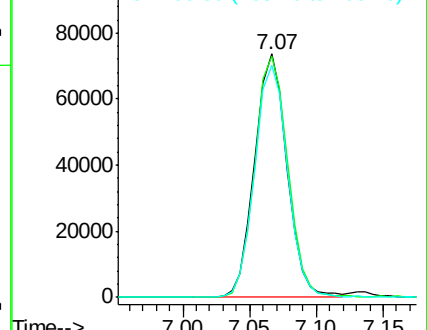
77 100

105 99.2 85.6 125.6

106 95.4 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: 45.280 ng

RT: 7.13 min Scan# 688

Delta R.T. 0.00 min

Lab File: BG046509.D

Acq: 2 Sep 2020 18:52

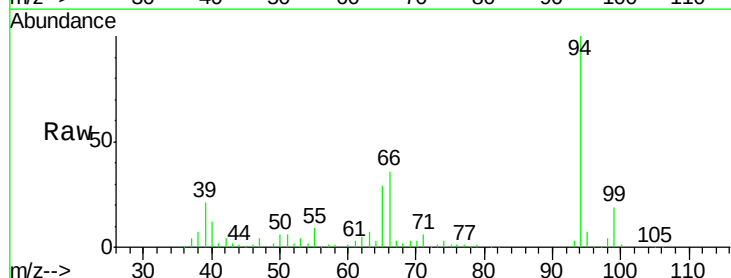
Tgt Ion: 94 Resp: 212292

Ion Ratio Lower Upper

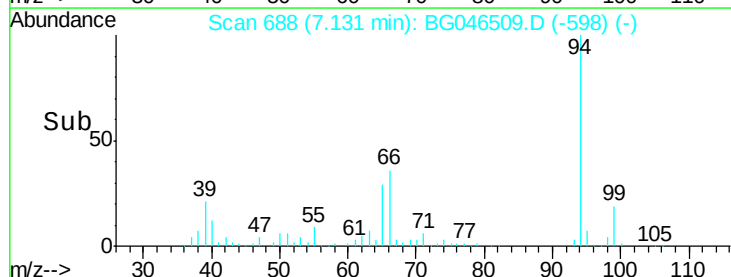
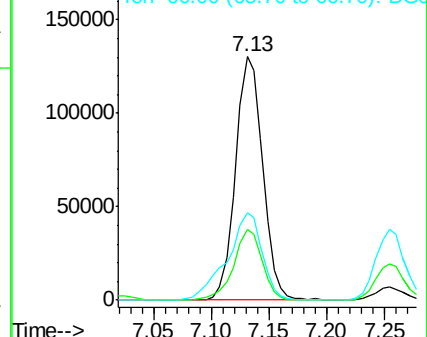
94 100

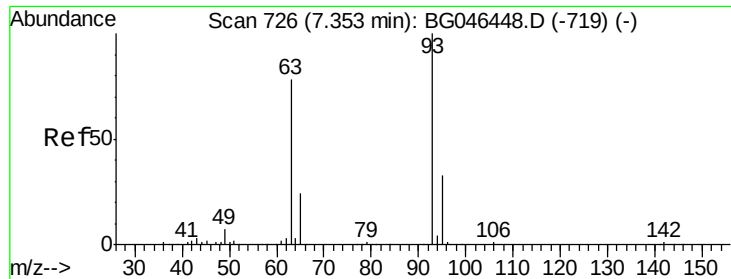
65 29.1 7.5 47.5

66 35.8 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

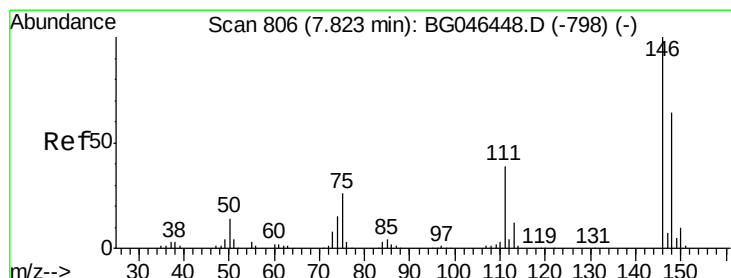
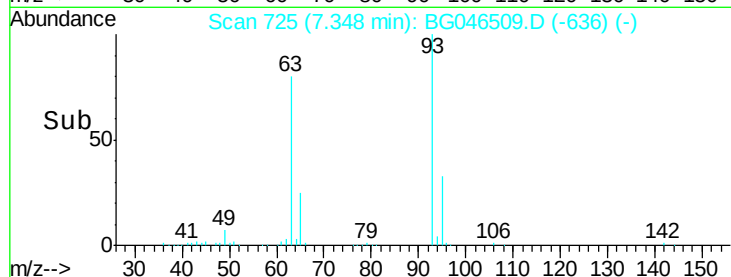
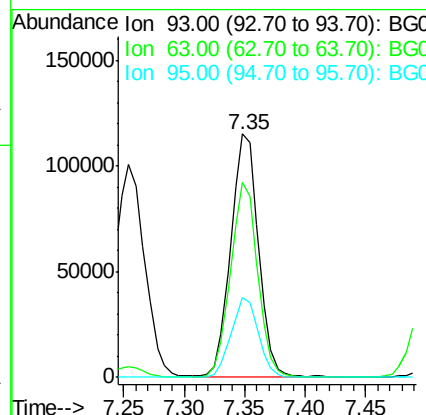
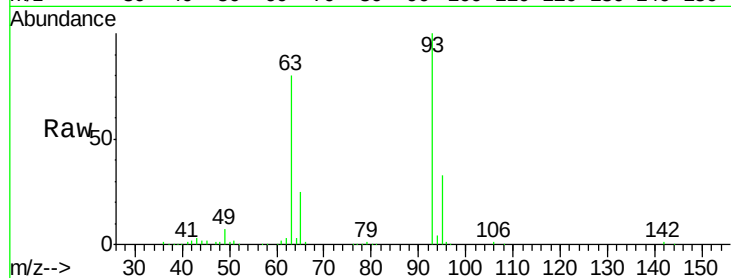




#11
bis(2-Chloroethyl)ether
Concen: 49.011 ng
RT: 7.35 min Scan# 725
Delta R.T. -0.00 min
Lab File: BG046509.D
Acq: 2 Sep 2020 18:52

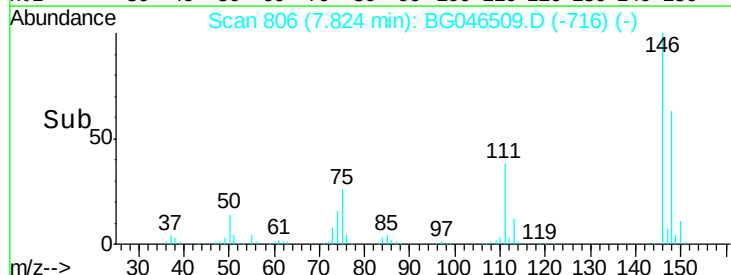
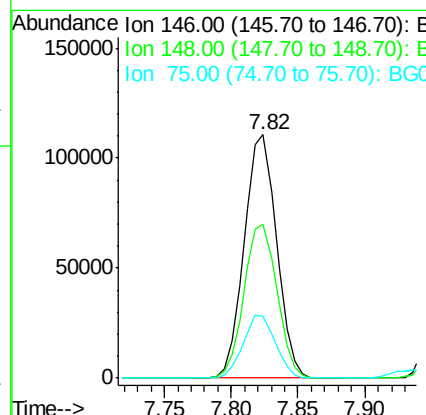
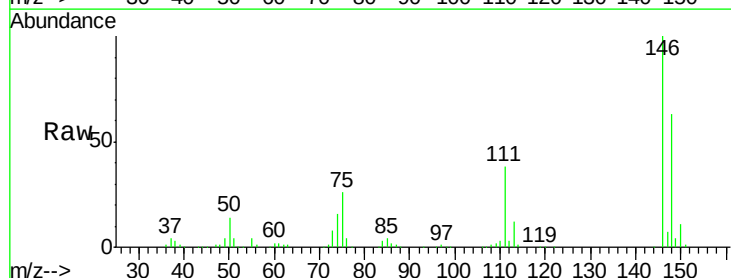
Instrument :
BNA_G
ClientSampleId :
789UMR-DSP01-01MSD

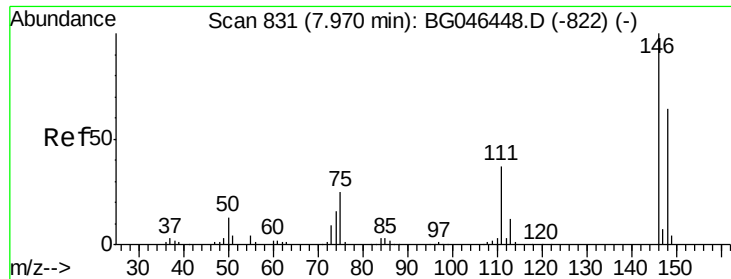
Tot Ion: 93 Resp: 184703
Ion Ratio Lower Upper
93 100
63 80.2 57.7 97.7
95 32.8 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 38.437 ng
RT: 7.82 min Scan# 806
Delta R.T. 0.00 min
Lab File: BG046509.D
Acq: 2 Sep 2020 18:52

Tgt Ion: 146 Resp: 185203
Ion Ratio Lower Upper
146 100
148 63.4 51.4 77.0
75 25.6 20.7 31.1

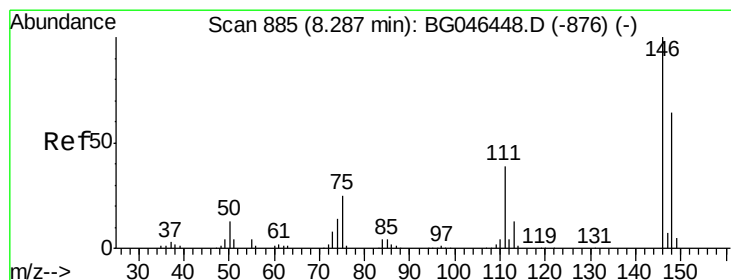
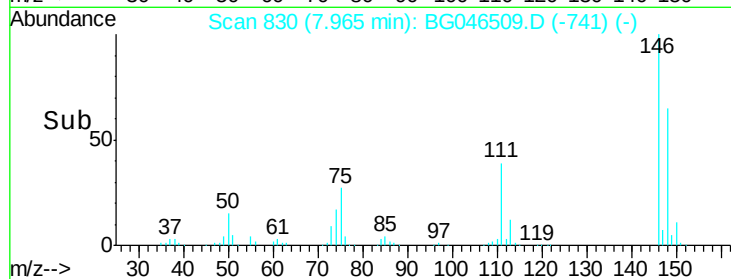
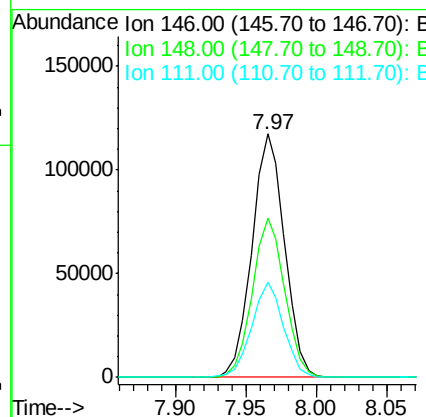
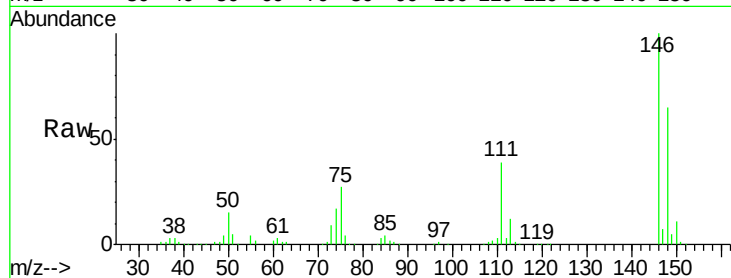




#13
 1,4-Dichlorobenzene
 Concen: 39.409 ng
 RT: 7.97 min Scan# 830
 Delta R.T. -0.00 min
 Lab File: BG046509.D
 Acq: 2 Sep 2020 18:52

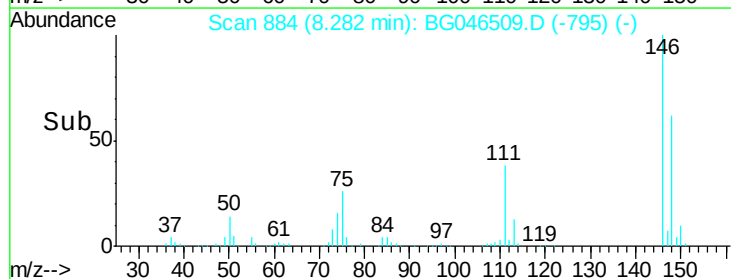
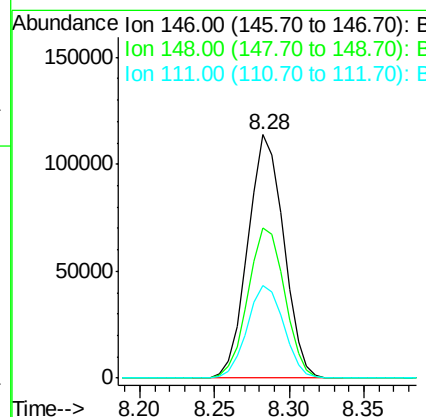
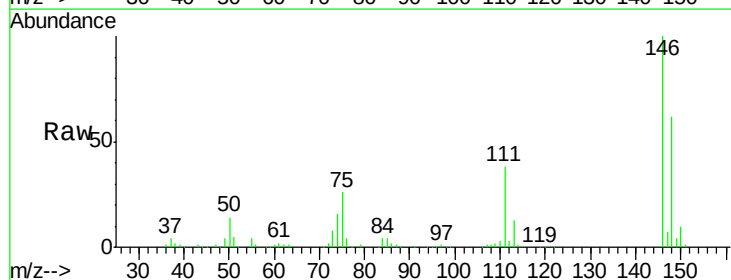
Instrument :
 BNA_G
 ClientSampleId :
 789UMR-DSP01-01MSD

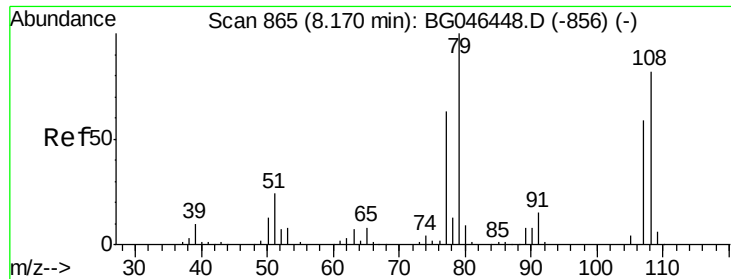
Tot Ion:146 Resp: 190106
 Ion Ratio Lower Upper
 146 100
 148 65.2 50.9 76.3
 111 38.8 29.8 44.6



#14
 1,2-Dichlorobenzene
 Concen: 40.846 ng
 RT: 8.28 min Scan# 884
 Delta R.T. -0.00 min
 Lab File: BG046509.D
 Acq: 2 Sep 2020 18:52

Tgt Ion:146 Resp: 188929
 Ion Ratio Lower Upper
 146 100
 148 61.9 51.4 77.0
 111 38.1 31.4 47.2





#15

Benzyl Alcohol

Concen: 56.879 ng

RT: 8.17 min Scan# 865

Delta R.T. 0.00 min

Lab File: BG046509.D

Acq: 2 Sep 2020 18:52

Instrument :

BNA_G

ClientSampleId :

789UMR-DSP01-01MSD

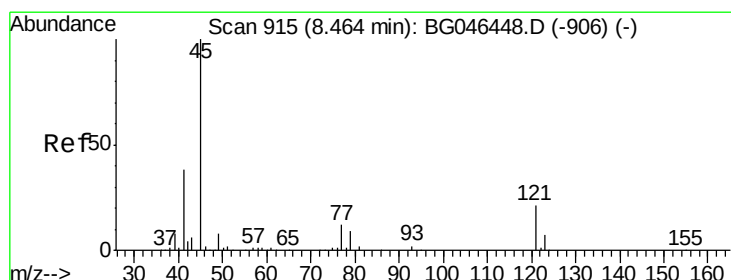
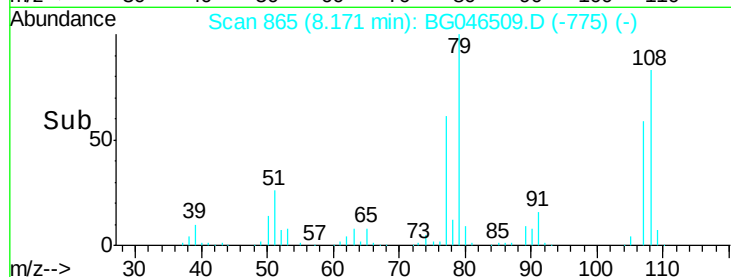
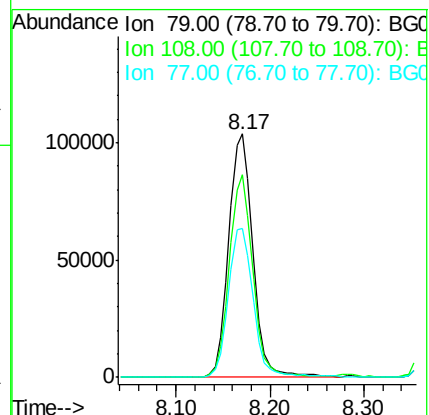
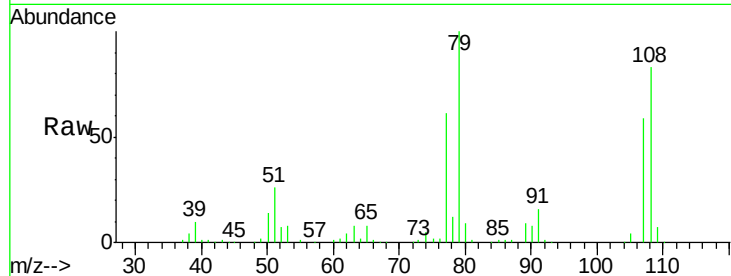
Tot Ion: 79 Resp: 185886

Ion Ratio Lower Upper

79 100

108 83.2 65.7 98.5

77 61.3 50.3 75.5



#16

2,2'-oxybis(1-chloropropane)

Concen: 47.086 ng

RT: 8.46 min Scan# 915

Delta R.T. 0.01 min

Lab File: BG046509.D

Acq: 2 Sep 2020 18:52

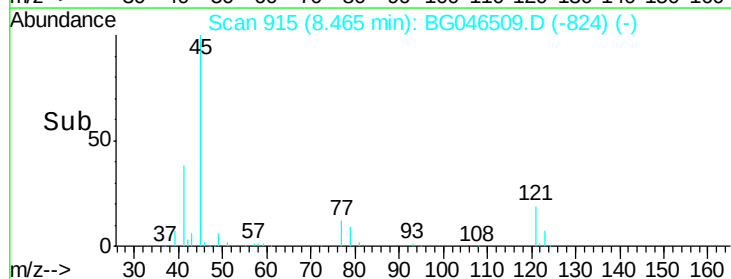
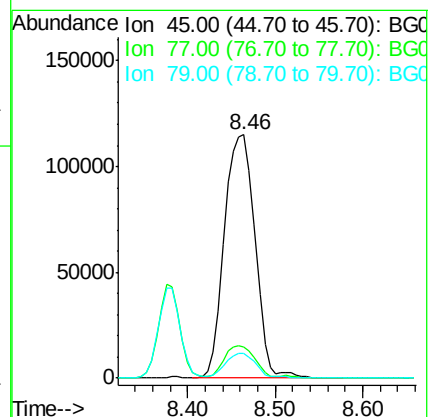
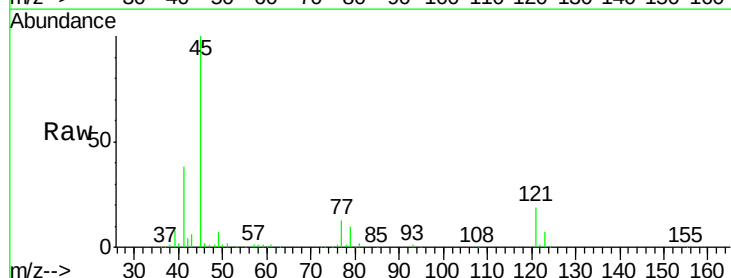
Tgt Ion: 45 Resp: 275249

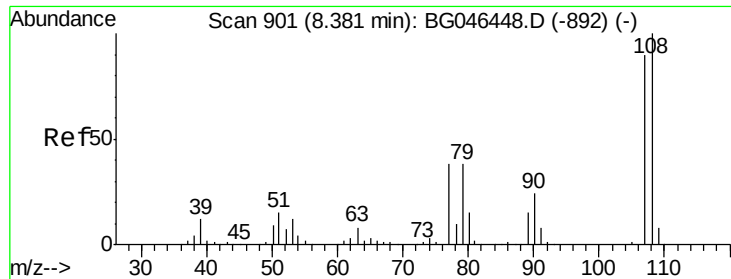
Ion Ratio Lower Upper

45 100

77 12.6 0.0 33.2

79 9.9 0.0 30.3

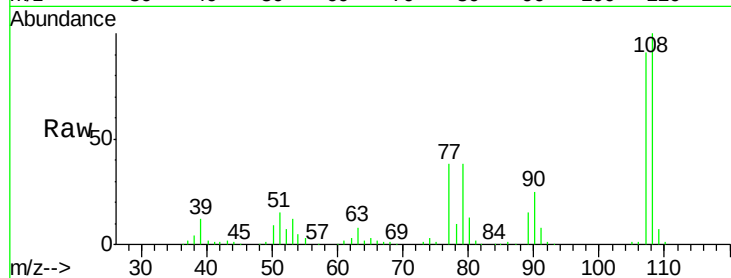




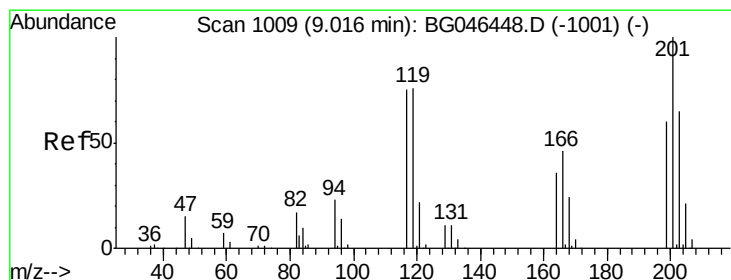
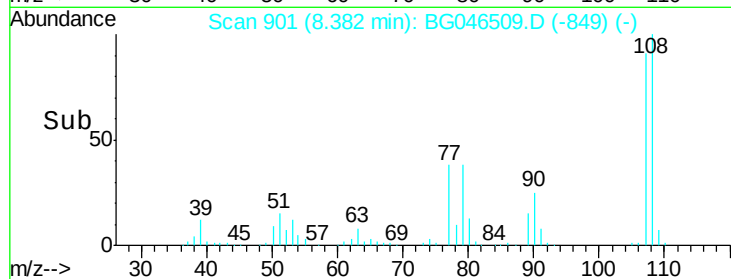
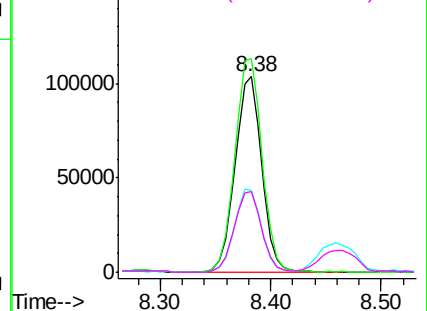
#17
2-Methylphenol
Concen: 52.977 ng
RT: 8.38 min Scan# 901
Delta R.T. 0.01 min
Lab File: BG046509.D
Acq: 2 Sep 2020 18:52

Instrument :
BNA_G
ClientSampleId :
789UMR-DSP01-01MSD

Tot Ion:107 Resp: 176149
Ion Ratio Lower Upper
107 100
108 109.4 89.4 134.0
77 41.9 34.5 51.7
79 41.4 33.8 50.6

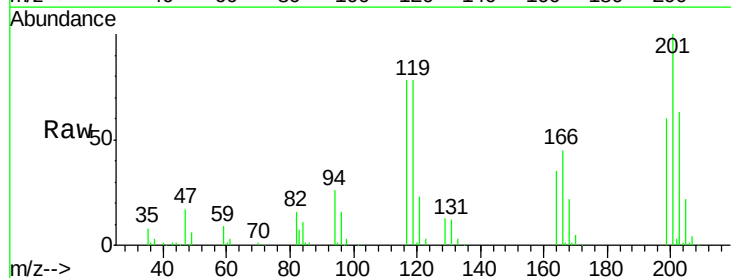


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

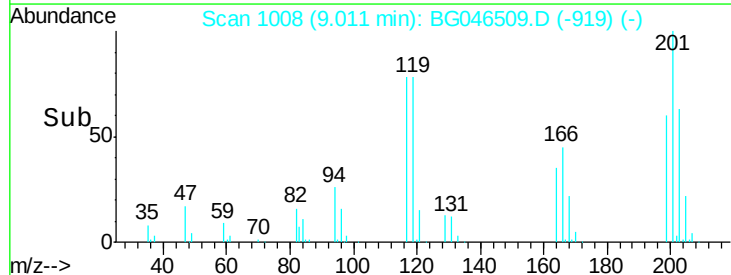
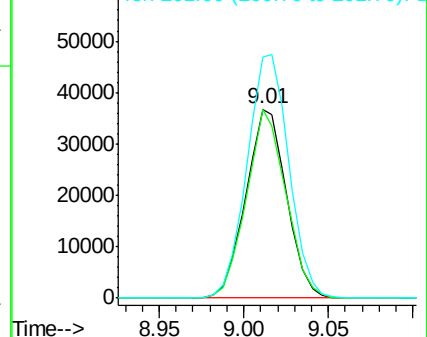


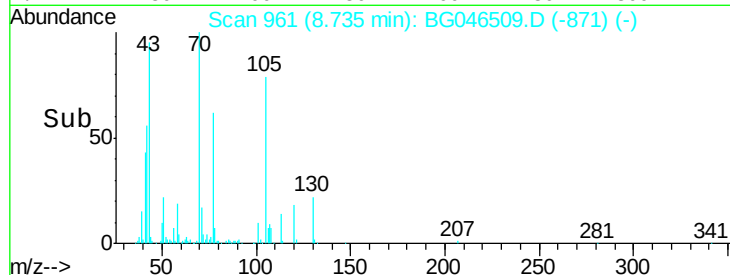
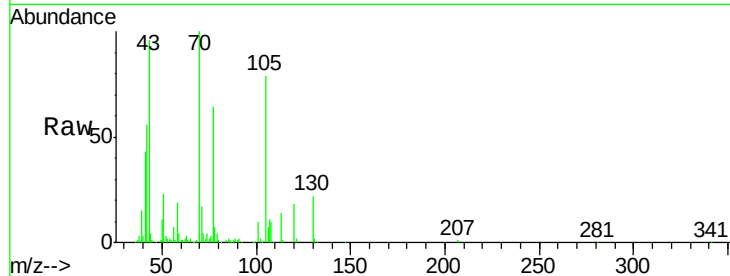
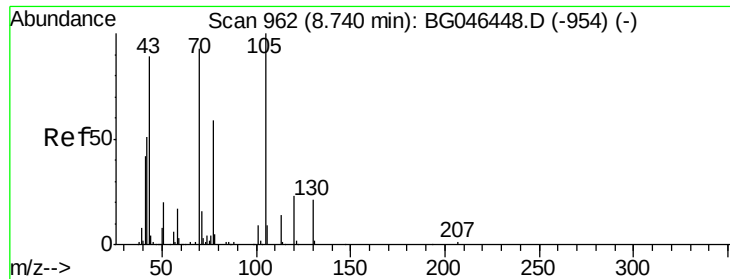
#18
Hexachloroethane
Concen: 37.372 ng
RT: 9.01 min Scan# 1008
Delta R.T. -0.00 min
Lab File: BG046509.D
Acq: 2 Sep 2020 18:52

Tgt Ion:117 Resp: 61125
Ion Ratio Lower Upper
117 100
119 99.9 80.8 121.2
201 127.7 106.7 160.1



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

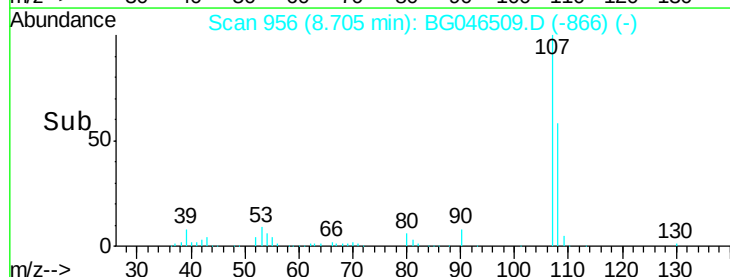
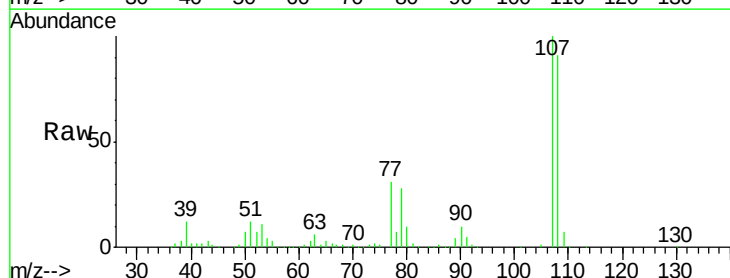
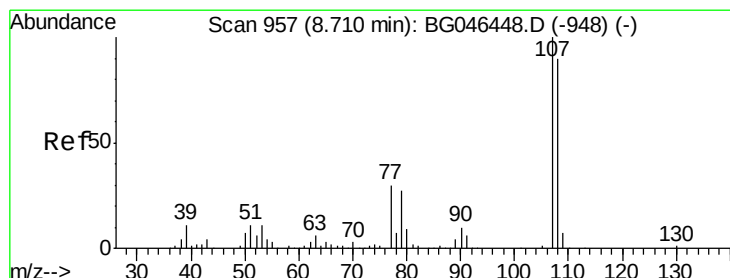
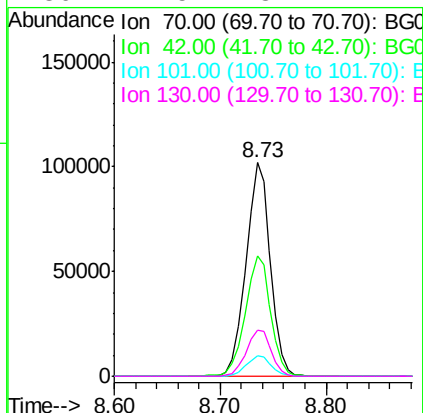




#19
n-Nitroso-di-n-propylamine
Concen: 53.414 ng
RT: 8.73 min Scan# 961
Delta R.T. 0.00 min
Lab File: BG046509.D
Acq: 2 Sep 2020 18:52

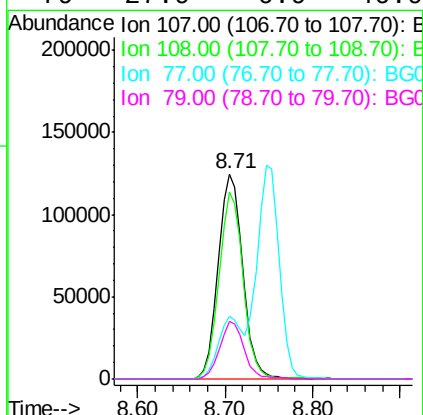
Instrument :
BNA_G
ClientSampleId :
789UMR-DSP01-01MSD

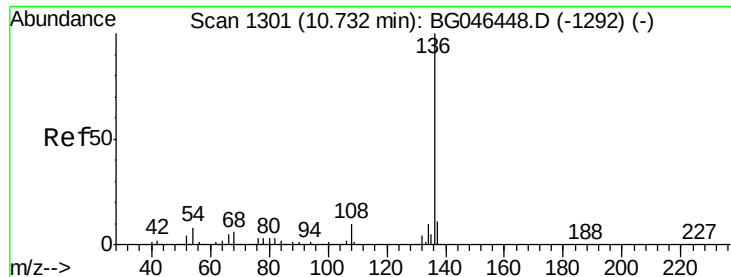
Tot Ion: 70 Resp: 162639
Ion Ratio Lower Upper
70 100
42 56.3 44.2 66.2
101 9.9 7.8 11.8
130 21.5 18.2 27.4



#20
3+4-Methylphenols
Concen: 53.079 ng
RT: 8.71 min Scan# 956
Delta R.T. 0.00 min
Lab File: BG046509.D
Acq: 2 Sep 2020 18:52

Tgt Ion: 107 Resp: 243605
Ion Ratio Lower Upper
107 100
108 91.0 69.7 109.7
77 30.9 9.7 49.7
79 27.9 6.9 46.9

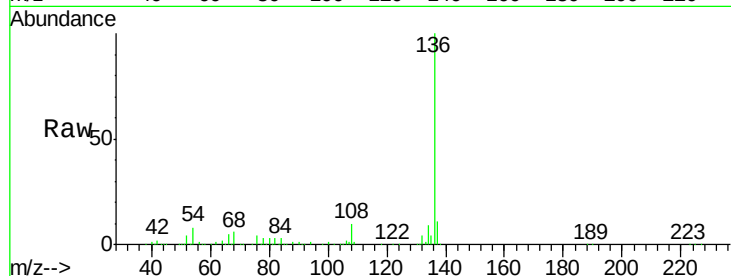




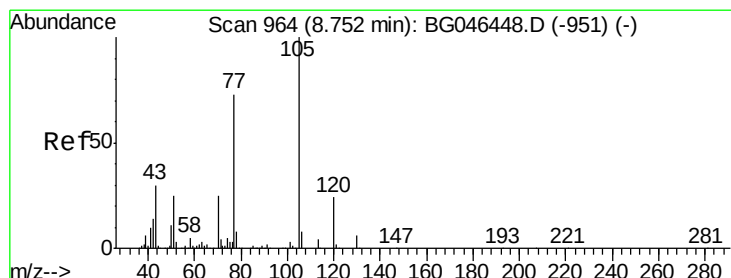
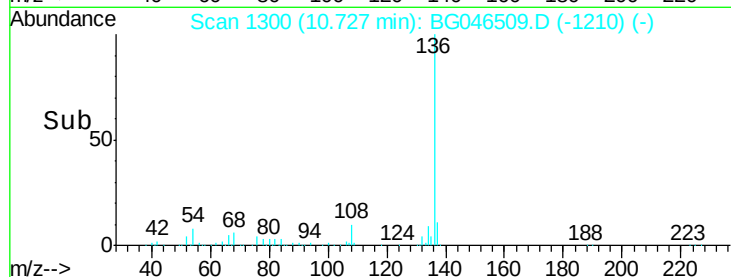
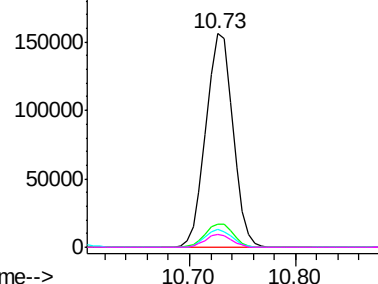
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.73 min Scan# 1300
Delta R.T. 0.00 min
Lab File: BG046509.D
Acq: 2 Sep 2020 18:52

Instrument :
BNA_G
ClientSampleId :
789UMR-DSP01-01MSD

Tot Ion:136	Resp:	275830
Ion Ratio	Lower	Upper
136 100		
137 10.9	8.8	13.2
54 8.4	6.1	9.1
68 6.1	4.8	7.2

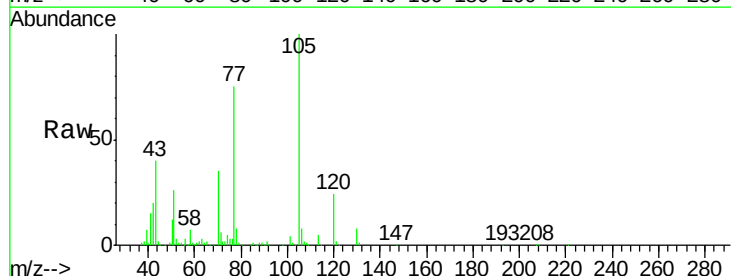


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

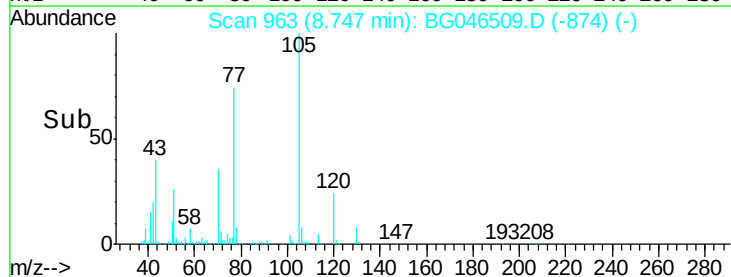
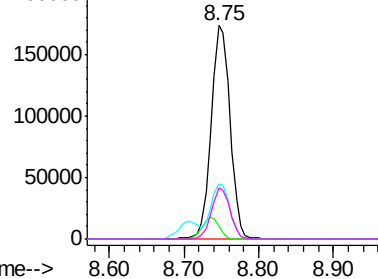


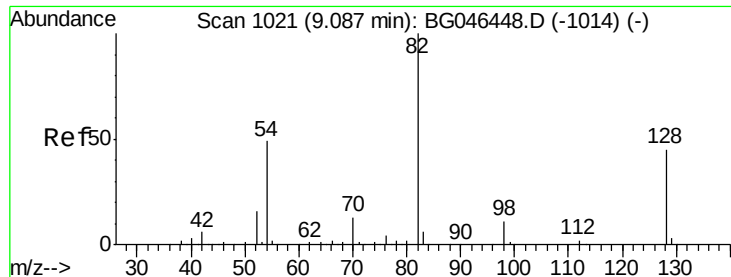
#22
Acetophenone
Concen: 45.464 ng
RT: 8.75 min Scan# 963
Delta R.T. -0.00 min
Lab File: BG046509.D
Acq: 2 Sep 2020 18:52

Tgt	Ion:105	Resp:	305255
Ion	Ratio	Lower	Upper
105	100		
71	5.9	3.3	4.9#
51	25.9	20.6	31.0
120	23.9	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

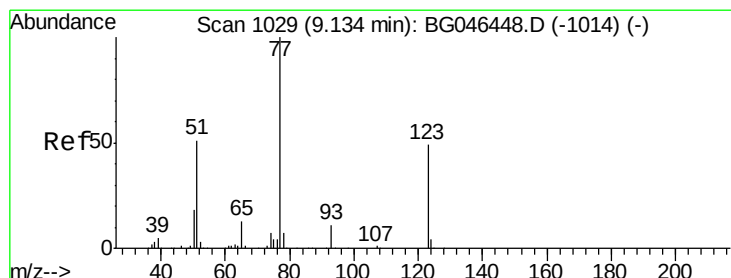
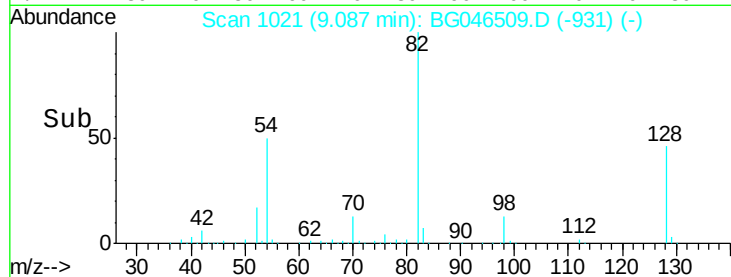
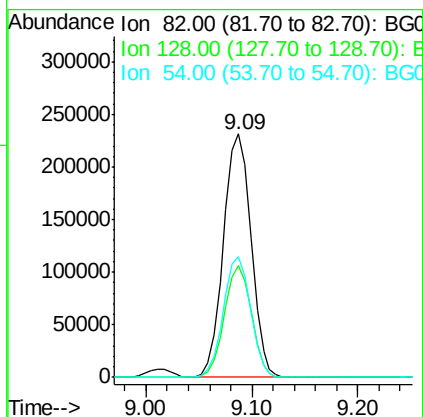
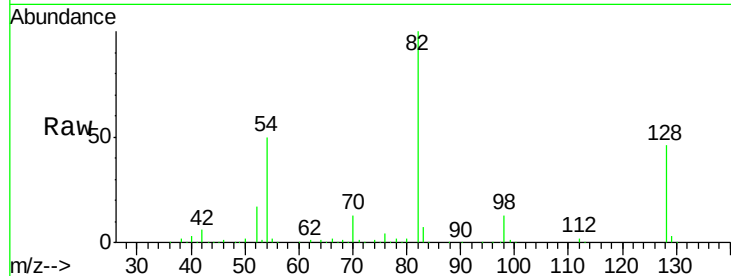




#23
 Nitrobenzene-d5
 Concen: 86.979 ng
 RT: 9.09 min Scan# 1021
 Delta R.T. 0.00 min
 Lab File: BG046509.D
 Acq: 2 Sep 2020 18:52

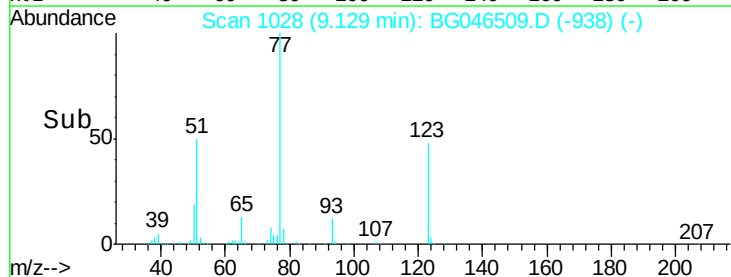
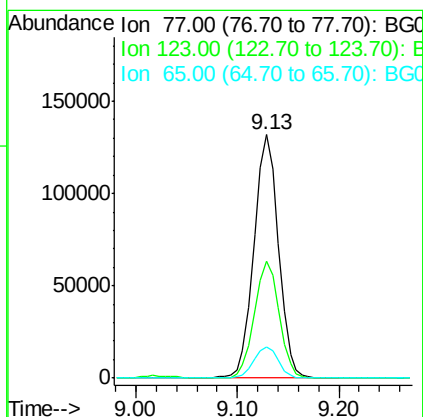
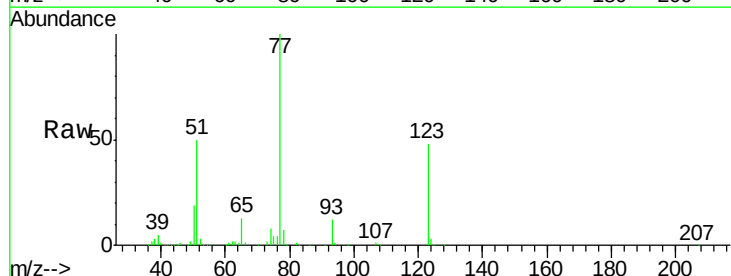
Instrument :
 BNA_G
 ClientSampleId :
 789UMR-DSP01-01MSD

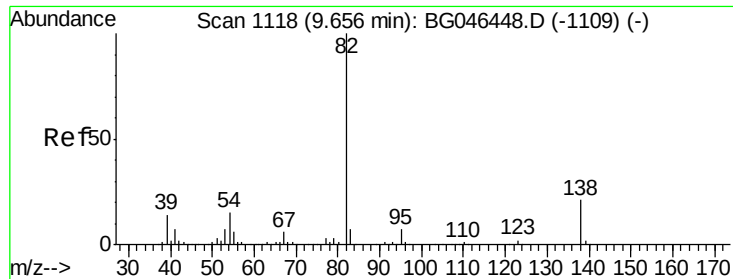
Tot Ion	82	Resp	419761
Ion Ratio	100		
Lower		35.7	
Upper		53.5	
128	45.9		
54	49.7		
		39.4	
		59.0	



#24
 Nitrobenzene
 Concen: 46.584 ng
 RT: 9.13 min Scan# 1028
 Delta R.T. 0.00 min
 Lab File: BG046509.D
 Acq: 2 Sep 2020 18:52

Tgt Ion	77	Resp	222104
Ion Ratio	100		
Lower		39.6	
Upper		59.4	
123	48.0		
65	12.7		
		10.1	
		15.1	





#25

Isophorone

Concen: 52.927 ng

RT: 9.65 min Scan# 1117

Delta R.T. 0.00 min

Lab File: BG046509.D

Acq: 2 Sep 2020 18:52

Instrument :

BNA_G

ClientSampleId :

789UMR-DSP01-01MSD

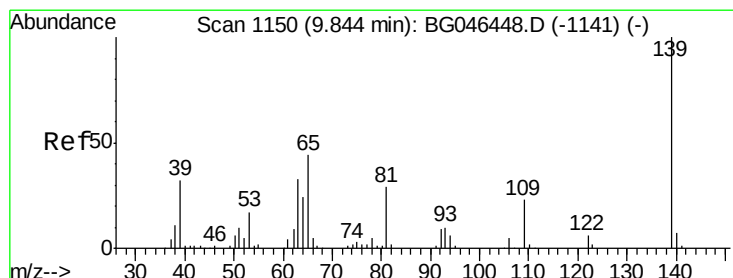
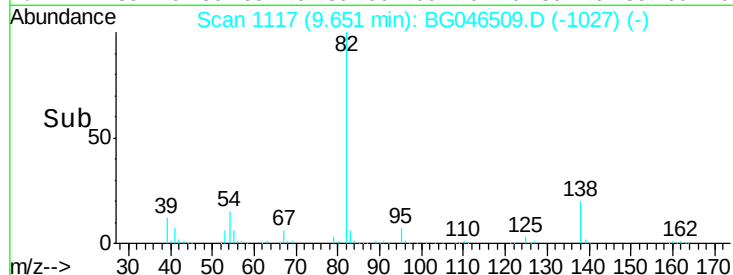
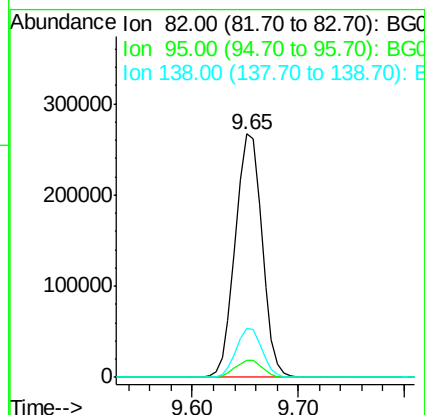
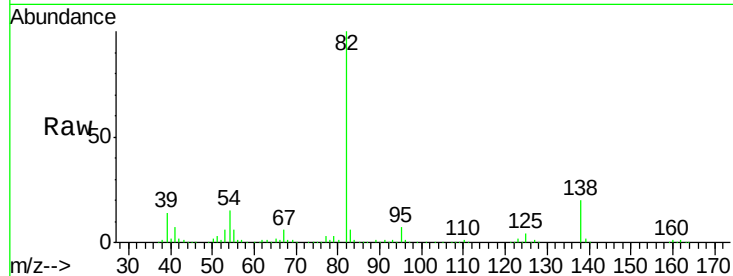
Tot Ion: 82 Resp: 468285

Ion Ratio Lower Upper

82 100

95 7.0 5.8 8.6

138 20.2 16.4 24.6



#26

2-Nitrophenol

Concen: 49.285 ng

RT: 9.84 min Scan# 1149

Delta R.T. 0.00 min

Lab File: BG046509.D

Acq: 2 Sep 2020 18:52

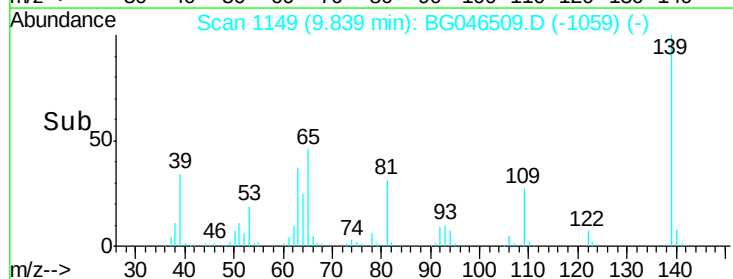
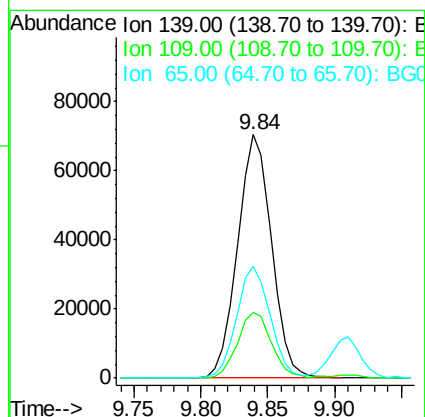
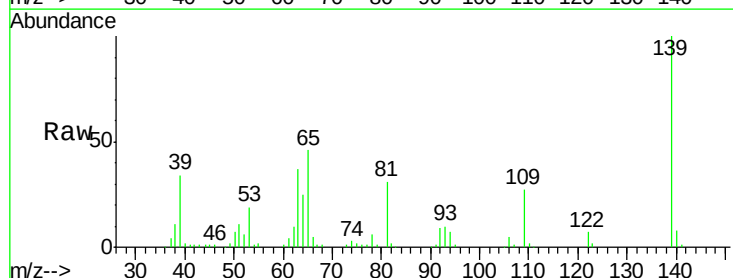
Tgt Ion: 139 Resp: 123977

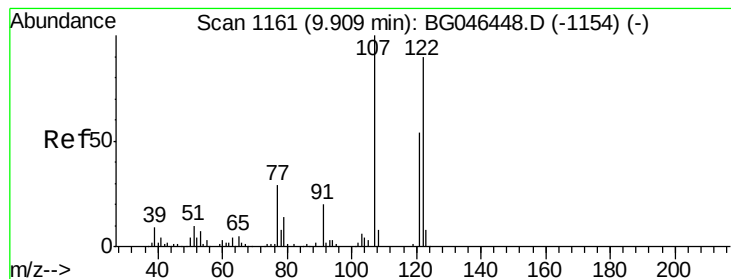
Ion Ratio Lower Upper

139 100

109 26.9 18.8 28.2

65 45.7 35.0 52.6

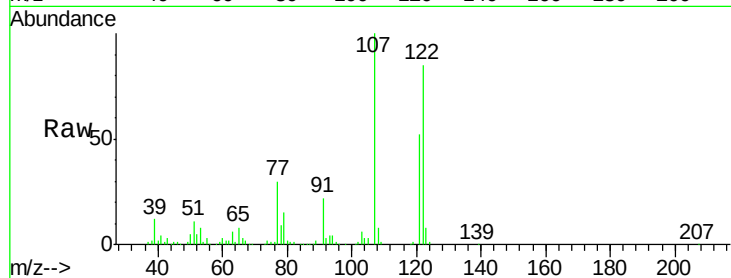




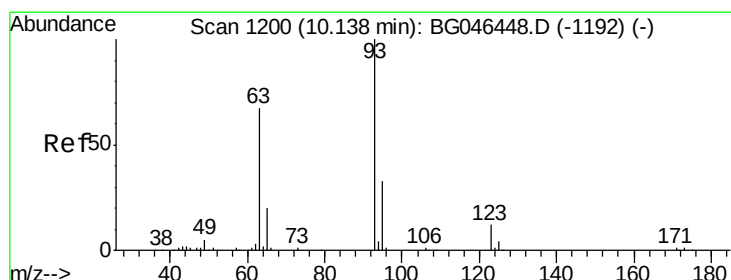
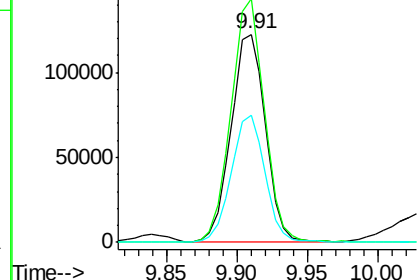
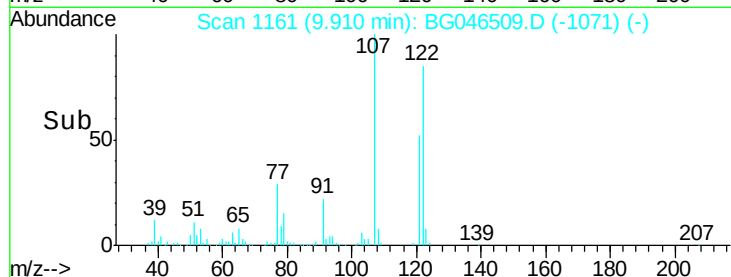
#27
 2,4-Dimethylphenol
 Concen: 59.492 ng
 RT: 9.91 min Scan# 1161
 Delta R.T. 0.00 min
 Lab File: BG046509.D
 Acq: 2 Sep 2020 18:52

Instrument :
 BNA_G
 ClientSampleId :
 789UMR-DSP01-01MSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	117.0	88.2	132.2
121	61.1	47.4	71.0

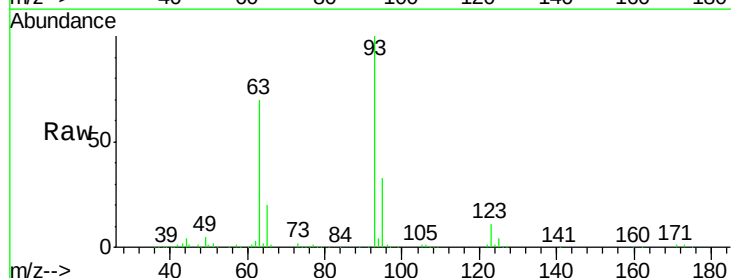


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

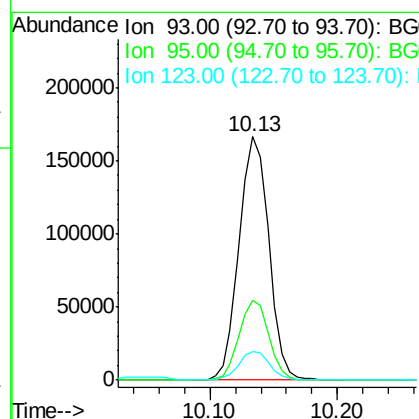
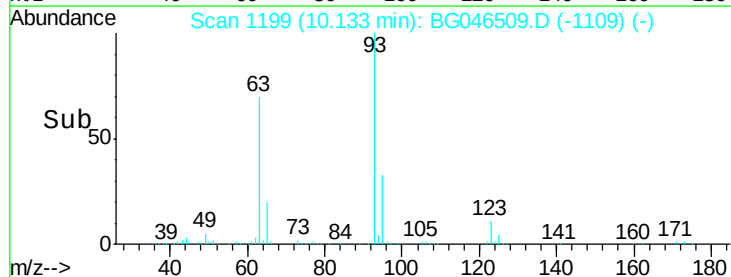


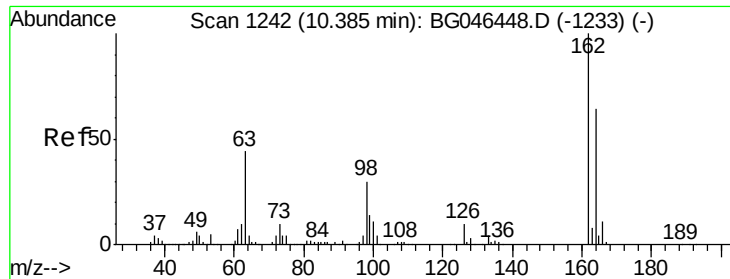
#28
 bis(2-Chloroethoxy)methane
 Concen: 47.621 ng
 RT: 10.13 min Scan# 1199
 Delta R.T. 0.00 min
 Lab File: BG046509.D
 Acq: 2 Sep 2020 18:52

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.6	26.1	39.1
123	11.5	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

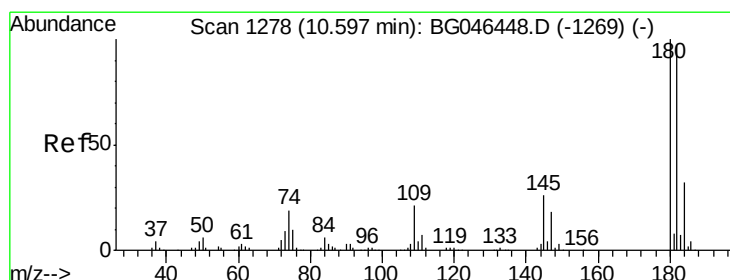
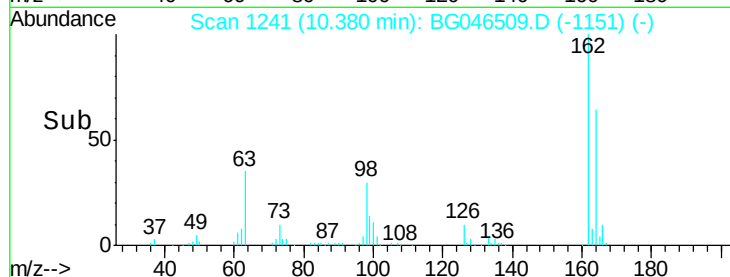
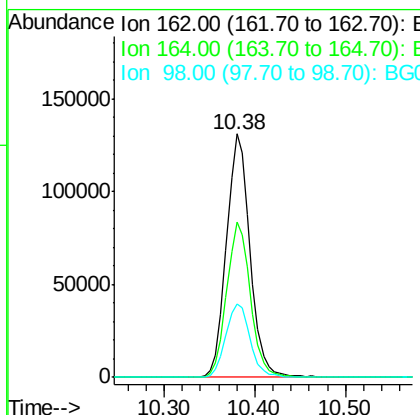
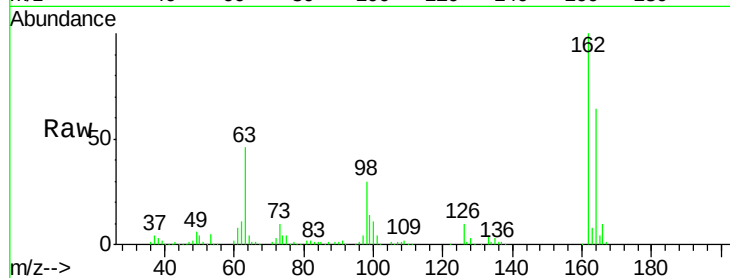




#29
 2,4-Dichlorophenol
 Concen: 51.437 ng
 RT: 10.38 min Scan# 1241
 Delta R.T. 0.00 min
 Lab File: BG046509.D
 Acq: 2 Sep 2020 18:52

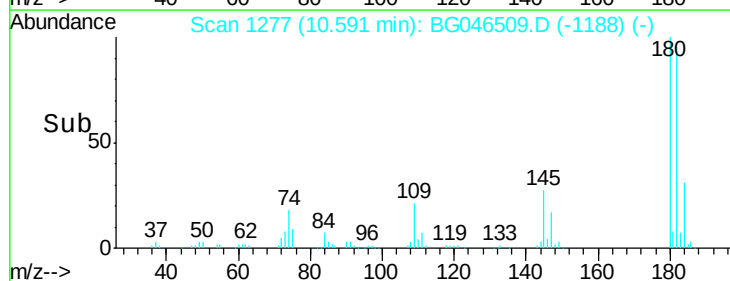
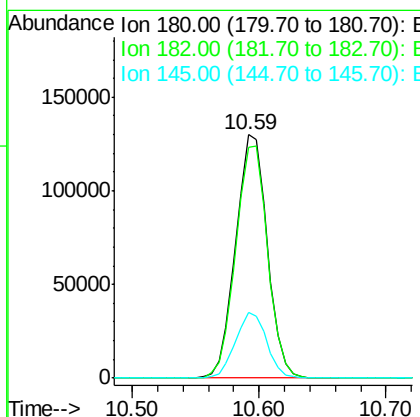
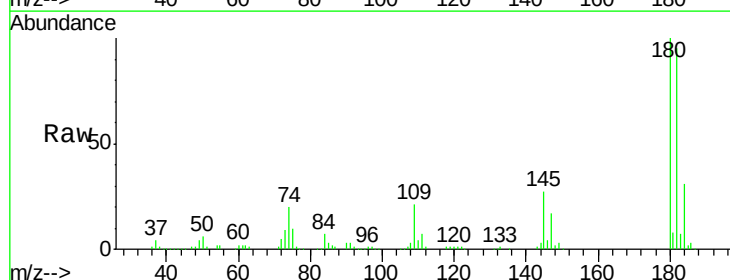
Instrument :
 BNA_G
 ClientSampleId :
 789UMR-DSP01-01MSD

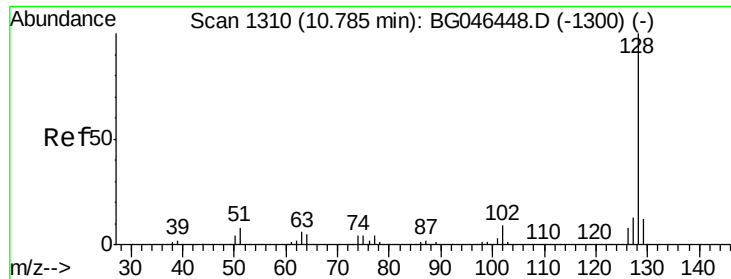
Tot Ion	Ratio	Lower	Upper
162	100		
164	63.9	44.3	84.3
98	30.3	10.0	50.0



#30
 1,2,4-Trichlorobenzene
 Concen: 40.845 ng
 RT: 10.59 min Scan# 1277
 Delta R.T. -0.00 min
 Lab File: BG046509.D
 Acq: 2 Sep 2020 18:52

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.6	77.8	116.8
145	27.1	20.9	31.3

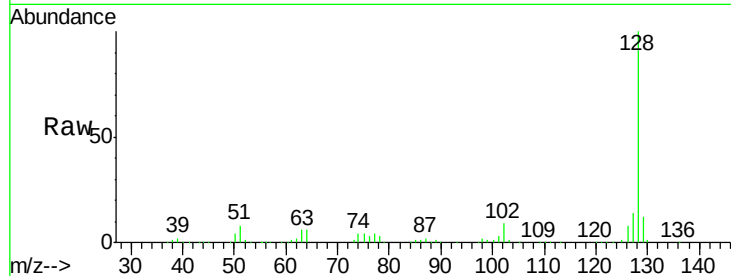




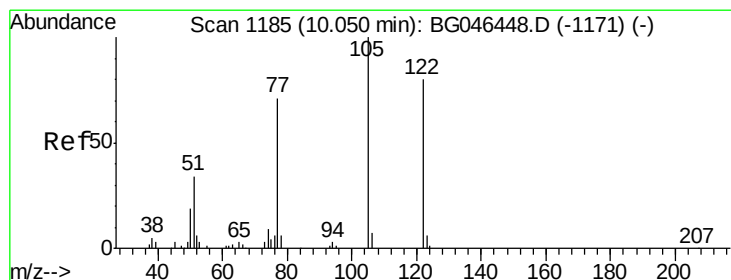
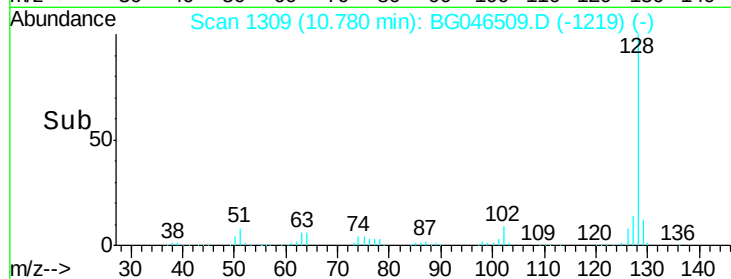
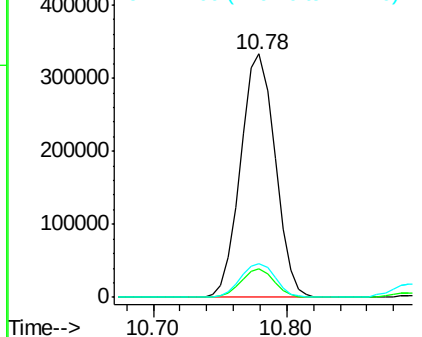
#31
Naphthalene
Concen: 44.276 ng
RT: 10.78 min Scan# 1309
Delta R.T. 0.00 min
Lab File: BG046509.D
Acq: 2 Sep 2020 18:52

Instrument :
BNA_G
ClientSampleId :
789UMR-DSP01-01MSD

Tot Ion:128 Resp: 596304
Ion Ratio Lower Upper
128 100
129 12.0 9.2 13.8
127 14.0 10.7 16.1

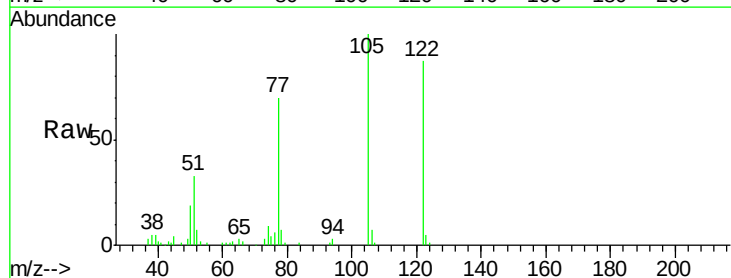


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

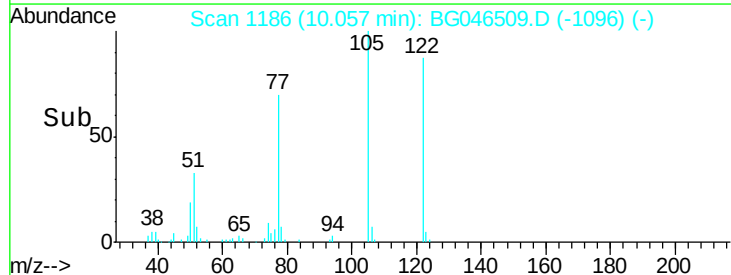
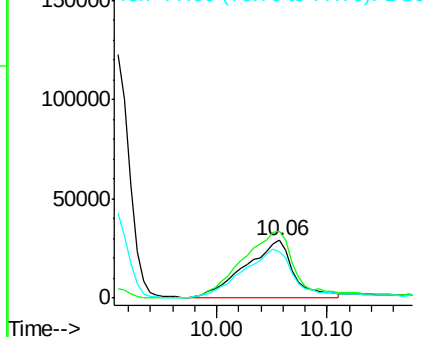


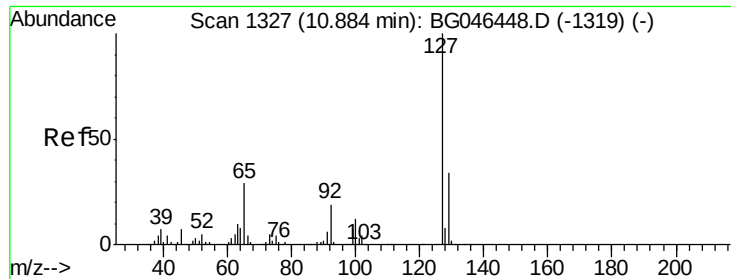
#32
Benzoic acid
Concen: 36.965 ng
RT: 10.06 min Scan# 1186
Delta R.T. 0.00 min
Lab File: BG046509.D
Acq: 2 Sep 2020 18:52

Tgt Ion:122 Resp: 86616
Ion Ratio Lower Upper
122 100
105 115.5 102.5 142.5
77 80.5 68.2 108.2



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BG

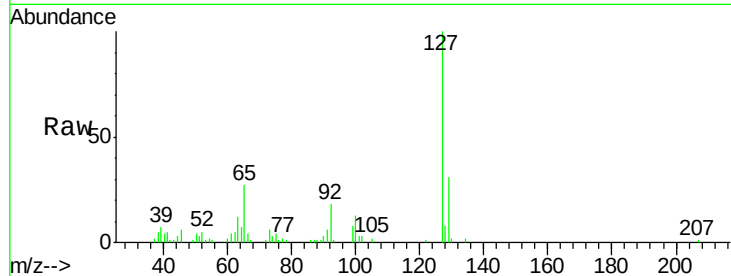




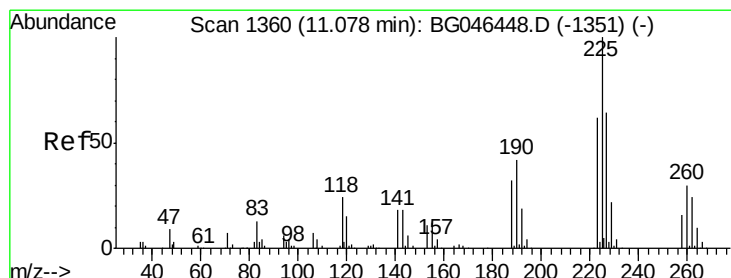
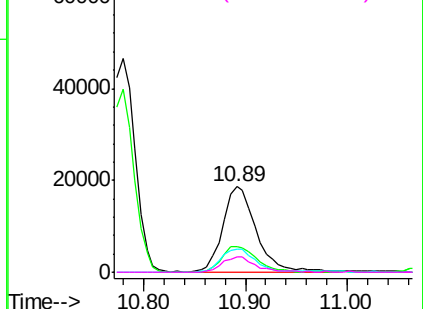
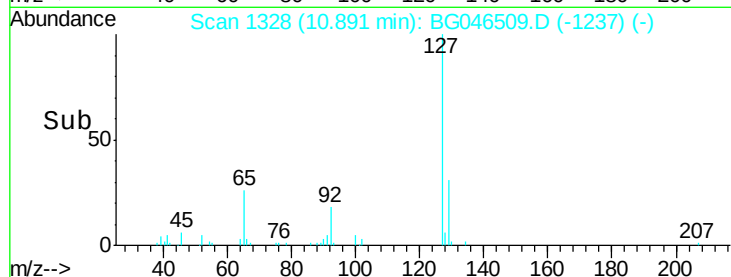
#33
4-Chloroaniline
Concen: 7.213 ng
RT: 10.89 min Scan# 1328
Delta R.T. 0.01 min
Lab File: BG046509.D
Acq: 2 Sep 2020 18:52

Instrument :
BNA_G
ClientSampleId :
789UMR-DSP01-01MSD

Tot Ion:127	Resp:	42837	
Ion Ratio	Lower	Upper	
127 100			
129 30.6	27.0	40.4	
65 27.0	23.5	35.3	
92 17.5	14.9	22.3	

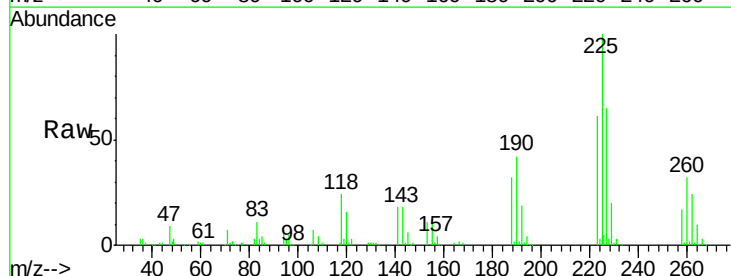


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

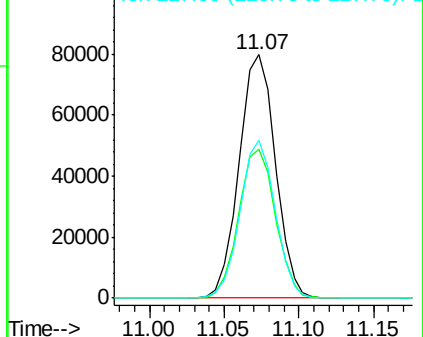
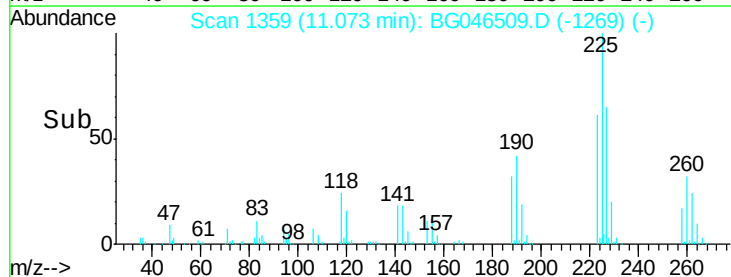


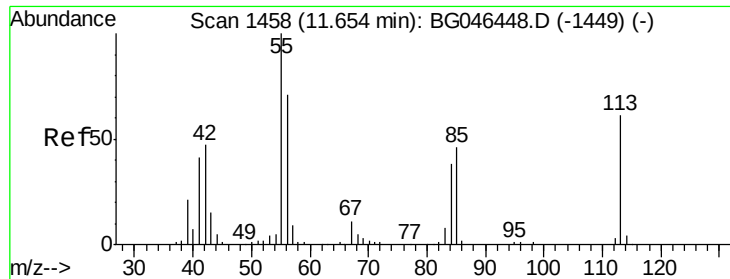
#34
Hexachlorobutadiene
Concen: 37.870 ng
RT: 11.07 min Scan# 1359
Delta R.T. 0.00 min
Lab File: BG046509.D
Acq: 2 Sep 2020 18:52

Tgt	Ion:225	Resp:	134531
Ion	Ratio	Lower	Upper
225	100		
223	61.2	49.9	74.9
227	64.7	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

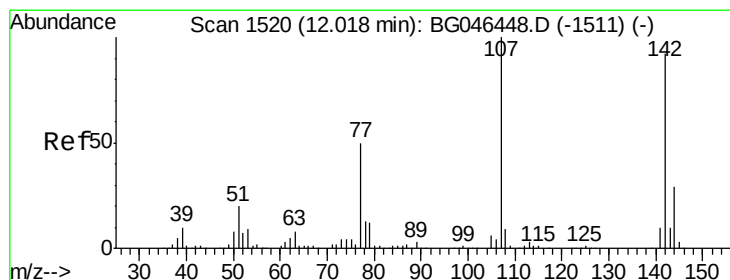
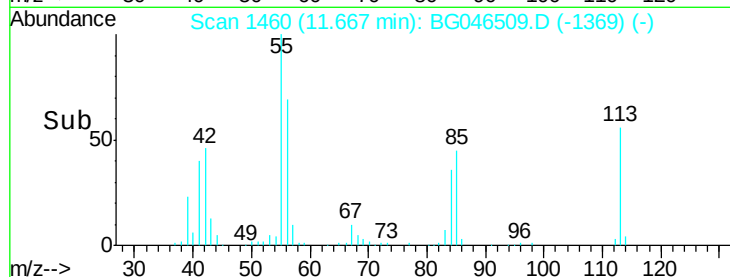
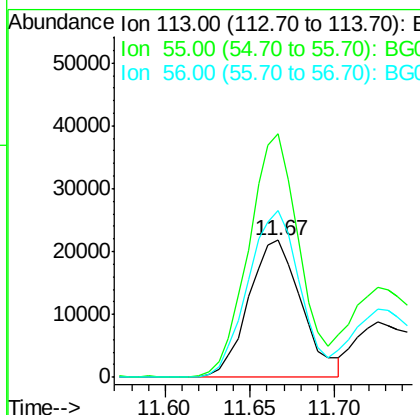
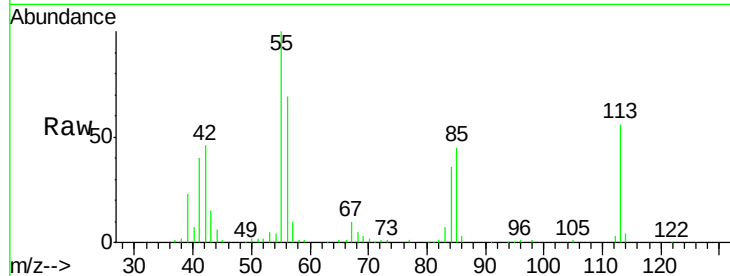




#35
Caprolactam
Concen: 27.532 ng
RT: 11.67 min Scan# 1460
Delta R.T. 0.01 min
Lab File: BG046509.D
Acq: 2 Sep 2020 18:52

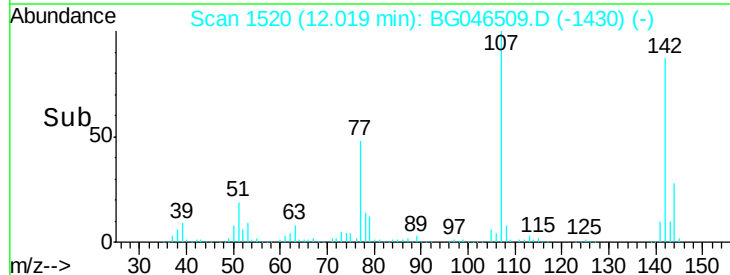
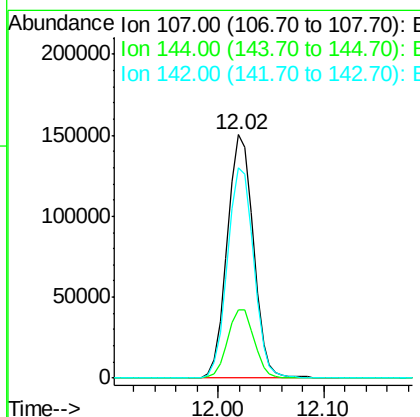
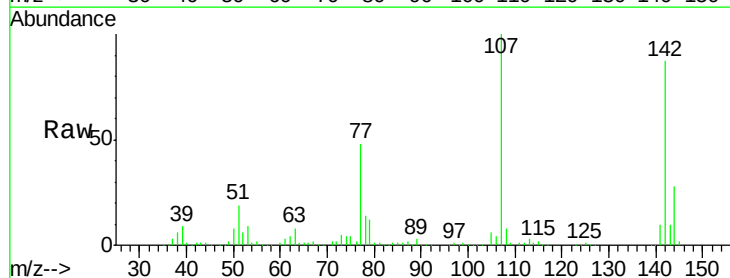
Instrument :
BNA_G
ClientSampleId :
789UMR-DSP01-01MSD

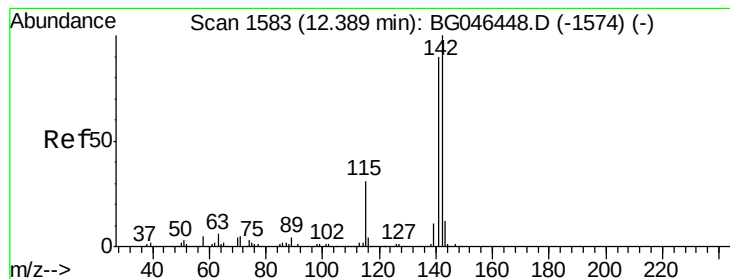
Tot Ion:113 Resp: 47466
Ion Ratio Lower Upper
113 100
55 177.9 144.2 184.2
56 121.9 97.0 137.0



#36
4-Chloro-3-methylphenol
Concen: 57.287 ng
RT: 12.02 min Scan# 1520
Delta R.T. 0.00 min
Lab File: BG046509.D
Acq: 2 Sep 2020 18:52

Tgt Ion:107 Resp: 258425
Ion Ratio Lower Upper
107 100
144 28.2 23.3 34.9
142 86.6 73.7 110.5





#37

2-Methylnaphthalene

Concen: 47.889 ng

RT: 12.38 min Scan# 1582

Delta R.T. -0.00 min

Lab File: BG046509.D

Acq: 2 Sep 2020 18:52

Instrument :

BNA_G

ClientSampleId :

789UMR-DSP01-01MSD

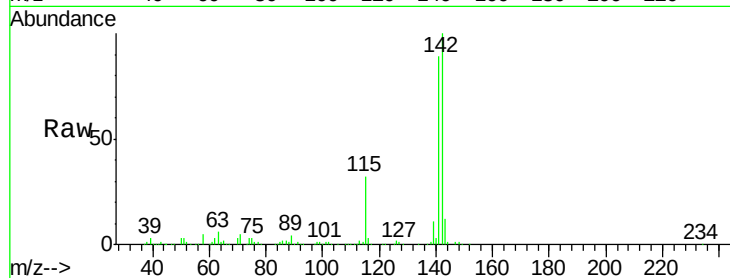
Tot Ion:142 Resp: 508659

Ion Ratio Lower Upper

142 100

141 89.1 72.1 108.1

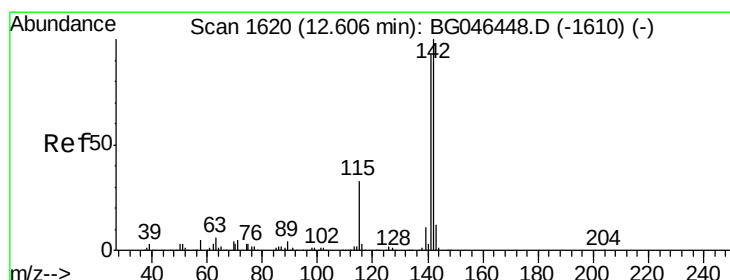
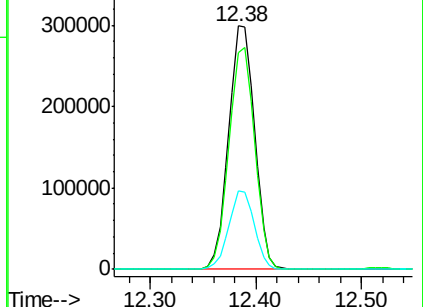
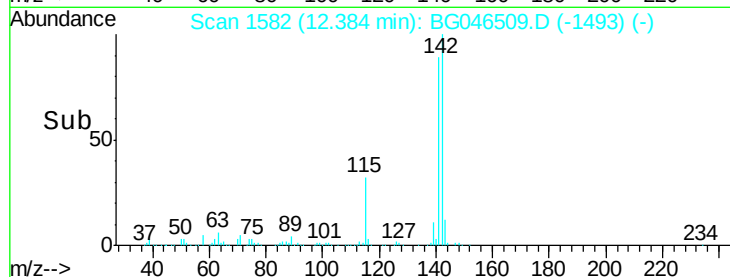
115 32.1 24.9 37.3



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 48.370 ng

RT: 12.61 min Scan# 1620

Delta R.T. 0.00 min

Lab File: BG046509.D

Acq: 2 Sep 2020 18:52

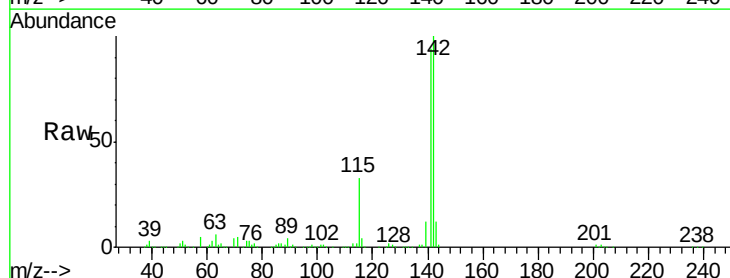
Tgt Ion:142 Resp: 486660

Ion Ratio Lower Upper

142 100

141 93.9 74.7 112.1

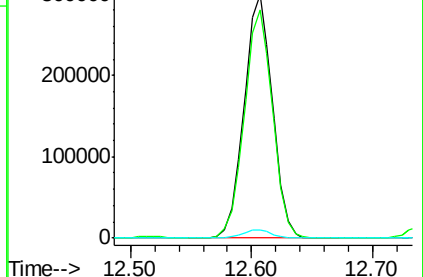
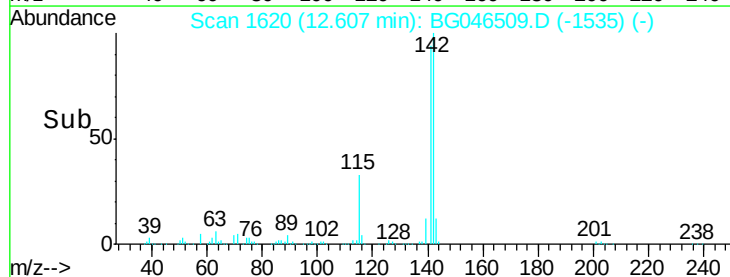
116 3.6 2.6 4.0

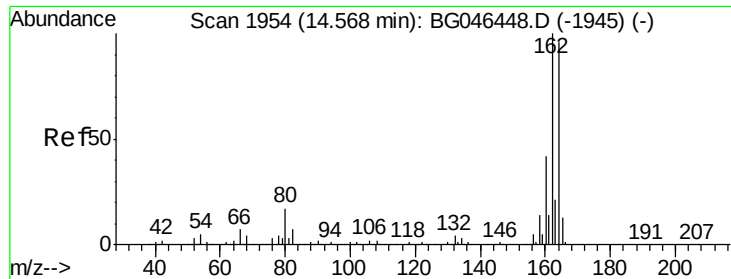


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.56 min Scan# 1953

Delta R.T. 0.00 min

Lab File: BG046509.D

Acq: 2 Sep 2020 18:52

Instrument :

BNA_G

ClientSampleId :

789UMR-DSP01-01MSD

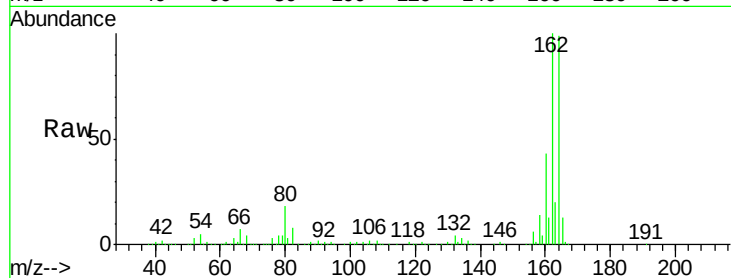
Tot Ion:164 Resp: 220244

Ion Ratio Lower Upper

164 100

162 101.5 83.3 124.9

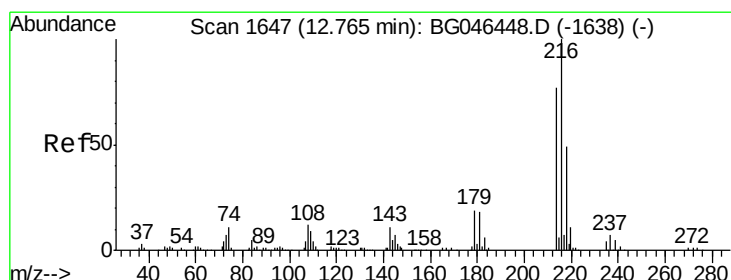
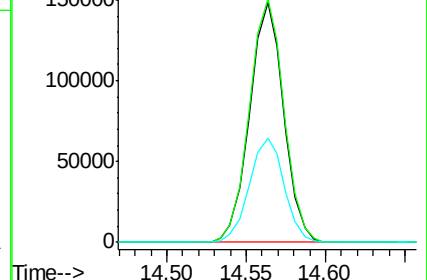
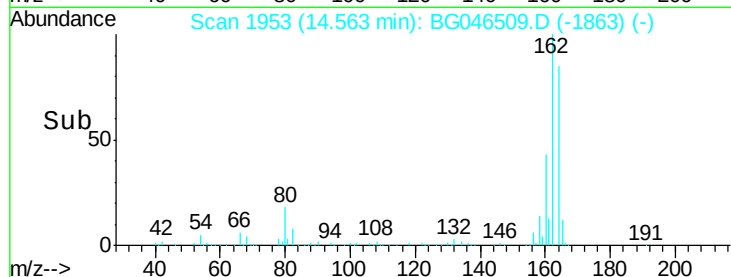
160 43.5 35.0 52.6



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: 42.144 ng

RT: 12.76 min Scan# 1646

Delta R.T. 0.00 min

Lab File: BG046509.D

Acq: 2 Sep 2020 18:52

Tgt Ion:216 Resp: 306082

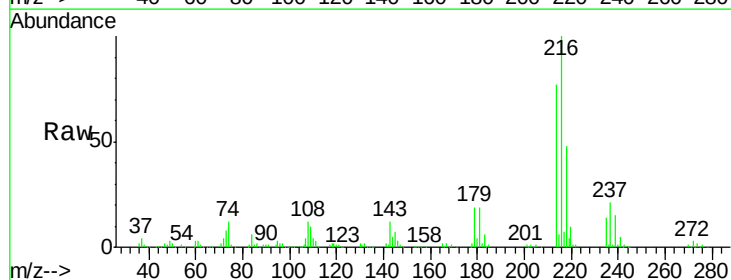
Ion Ratio Lower Upper

216 100

214 77.3 62.1 93.1

179 18.6 14.9 22.3

108 14.4 10.5 15.7

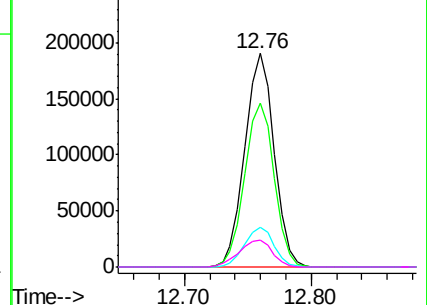
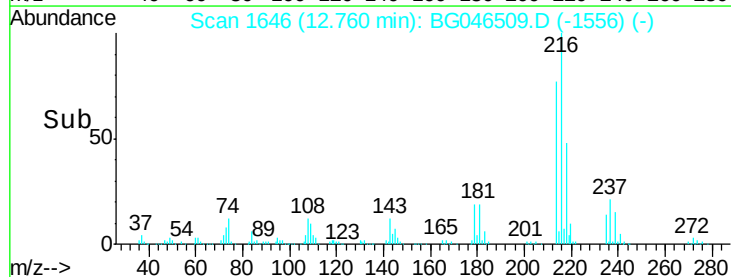


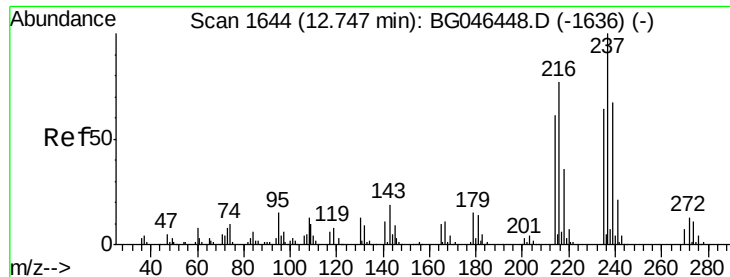
Abundance Ion 216.00 (215.70 to 216.70): E

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

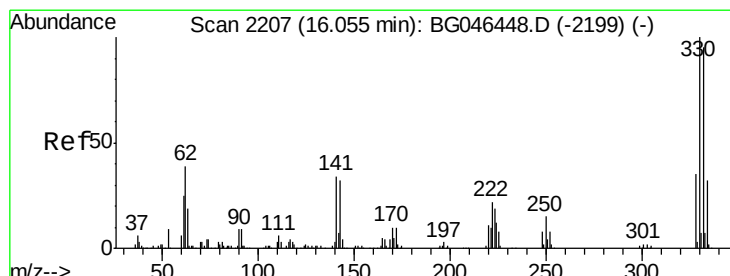
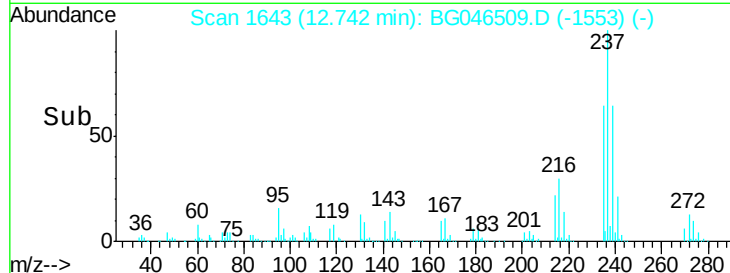
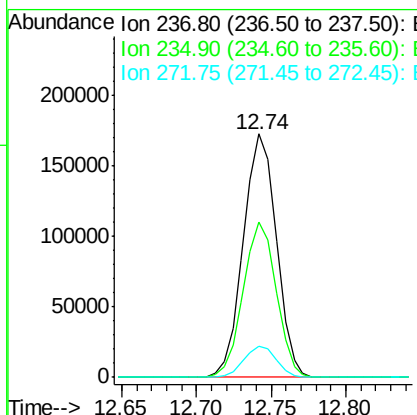
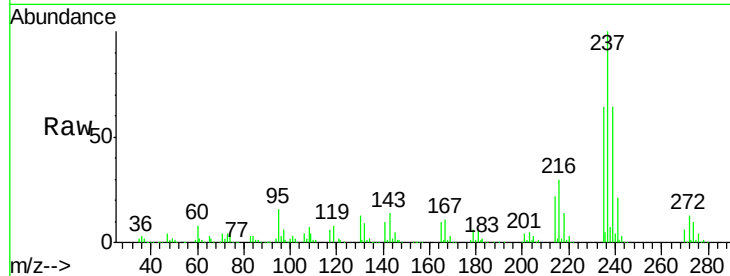




#41
Hexachlorocyclopentadiene
Concen: 83.734 ng
RT: 12.74 min Scan# 1643
Delta R.T. 0.00 min
Lab File: BG046509.D
Acq: 2 Sep 2020 18:52

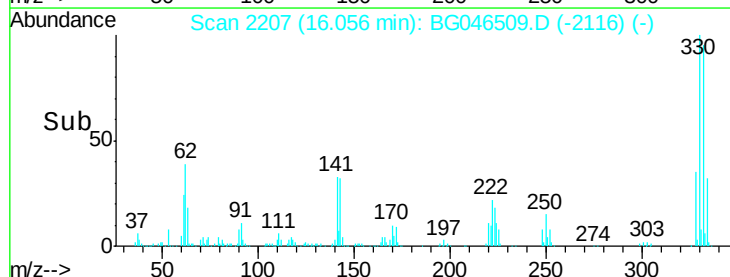
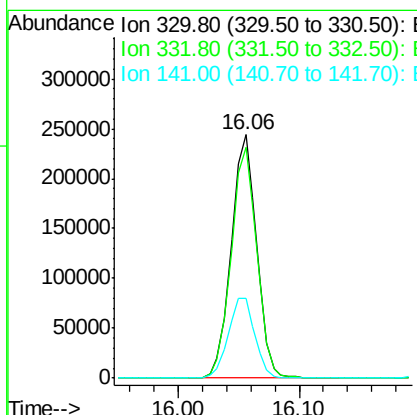
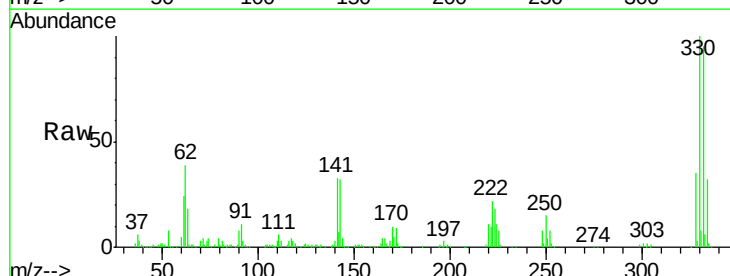
Instrument :
BNA_G
ClientSampleId :
789UMR-DSP01-01MSD

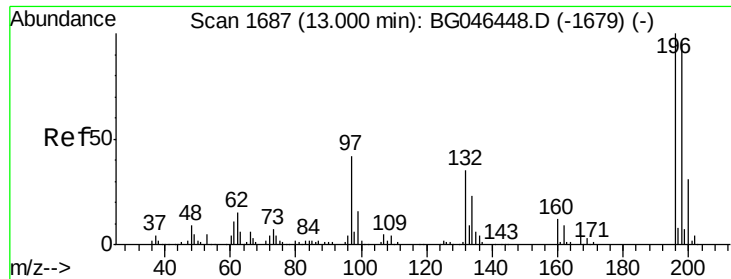
Tot Ion:	237	Resp:	264436
Ion	Ratio	Lower	Upper
237	100		
235	64.0	44.5	84.5
272	12.9	0.0	32.8



#42
2,4,6-Tribromophenol
Concen: 119.745 ng
RT: 16.06 min Scan# 2207
Delta R.T. 0.01 min
Lab File: BG046509.D
Acq: 2 Sep 2020 18:52

Tgt Ion:	330	Resp:	357336
Ion	Ratio	Lower	Upper
330	100		
332	95.7	76.1	114.1
141	34.3	26.1	39.1

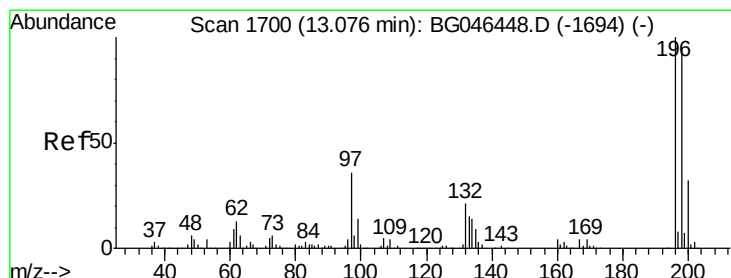
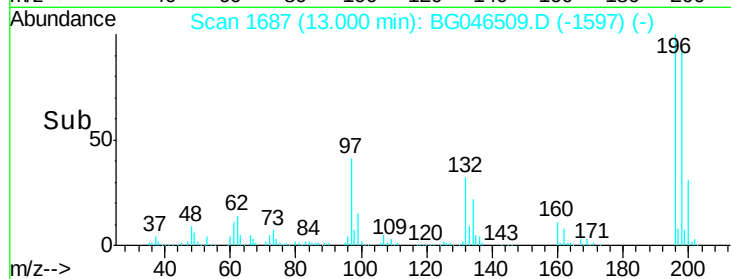
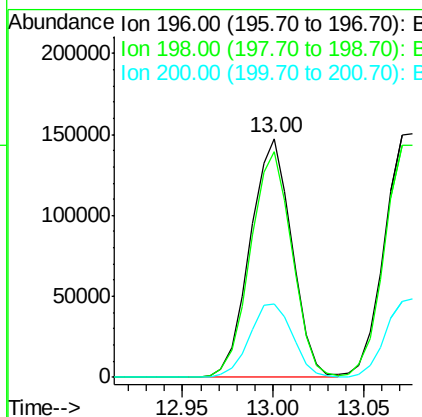
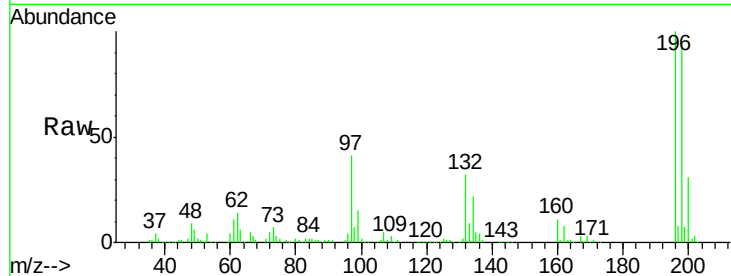




#43
 2,4,6-Trichlorophenol
 Concen: 47.989 ng
 RT: 13.00 min Scan# 1687
 Delta R.T. 0.00 min
 Lab File: BG046509.D
 Acq: 2 Sep 2020 18:52

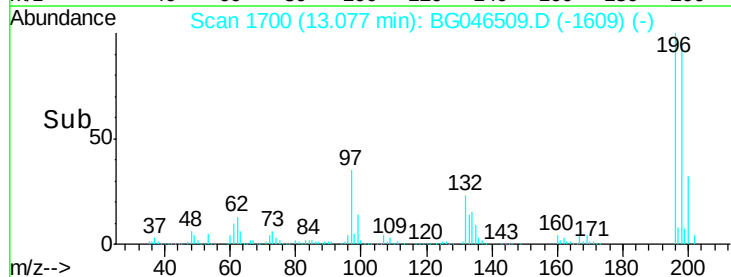
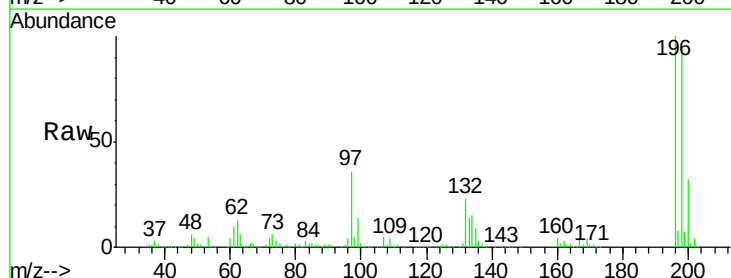
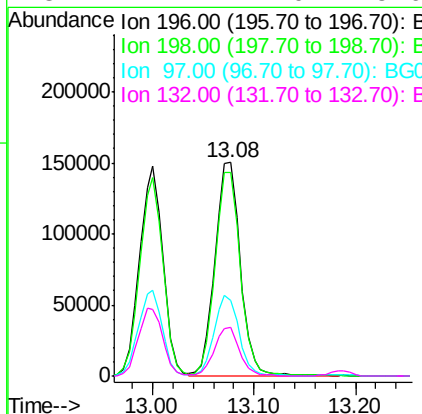
Instrument :
 BNA_G
 ClientSampleId :
 789UMR-DSP01-01MSD

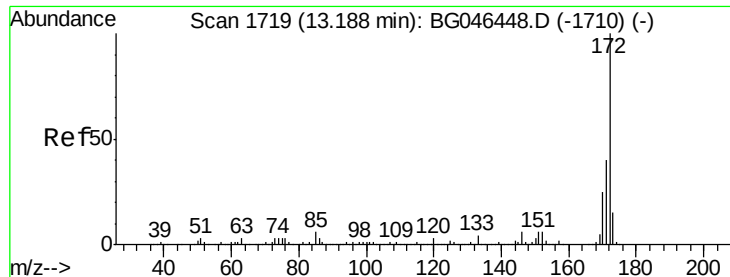
Tot Ion	196	Resp	235201
Ion Ratio	Lower	Upper	
196	100		
198	94.4	77.0	115.6
200	30.5	25.2	37.8



#44
 2,4,5-Trichlorophenol
 Concen: 50.467 ng
 RT: 13.08 min Scan# 1700
 Delta R.T. 0.01 min
 Lab File: BG046509.D
 Acq: 2 Sep 2020 18:52

Tgt Ion	196	Resp	259879
Ion Ratio	Lower	Upper	
196	100		
198	95.2	75.6	113.4
97	35.7	28.6	43.0
132	22.7	17.0	25.6

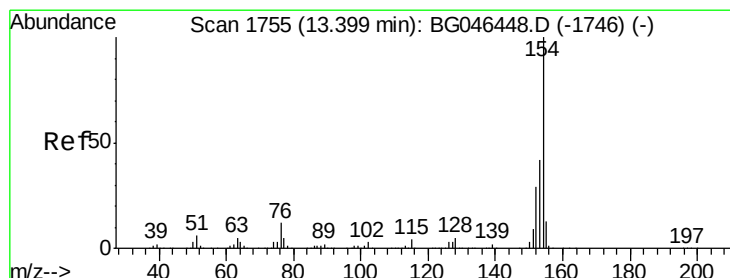
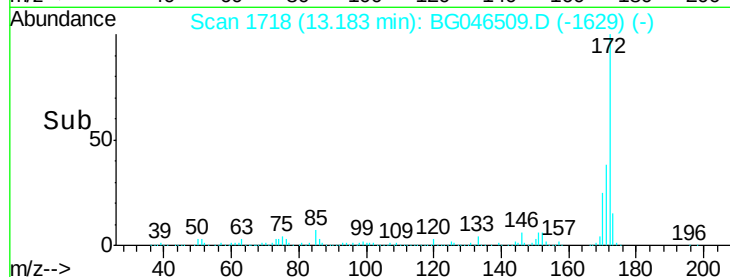
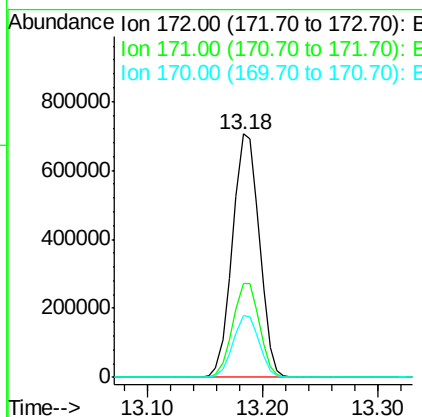
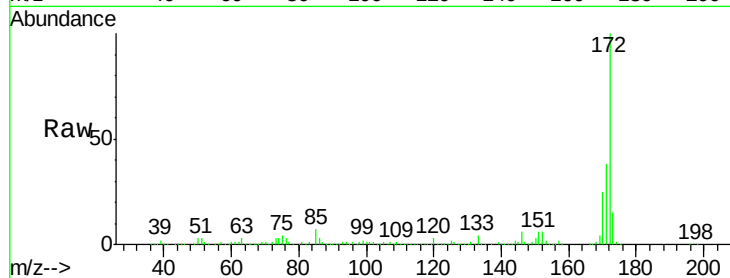




#45
2-Fluorobiphenyl
Concen: 78.957 ng
RT: 13.18 min Scan# 1718
Delta R.T. -0.00 min
Lab File: BG046509.D
Acq: 2 Sep 2020 18:52

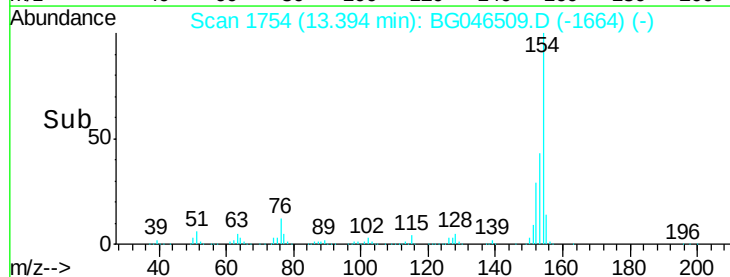
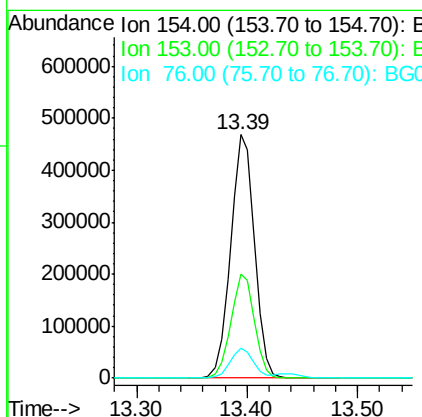
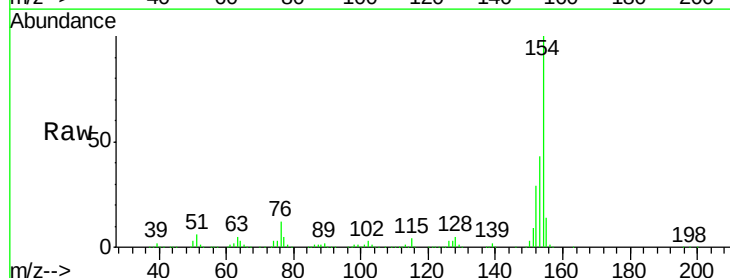
Instrument :
BNA_G
ClientSampleId :
789UMR-DSP01-01MSD

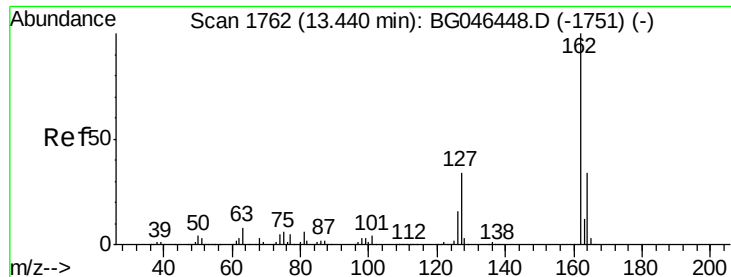
Tot Ion:172 Resp: 1139153
Ion Ratio Lower Upper
172 100
171 38.3 31.8 47.6
170 25.4 20.3 30.5



#46
1,1'-Biphenyl
Concen: 46.114 ng
RT: 13.39 min Scan# 1754
Delta R.T. 0.00 min
Lab File: BG046509.D
Acq: 2 Sep 2020 18:52

Tgt Ion:154 Resp: 706618
Ion Ratio Lower Upper
154 100
153 42.5 22.0 62.0
76 12.3 0.0 32.3

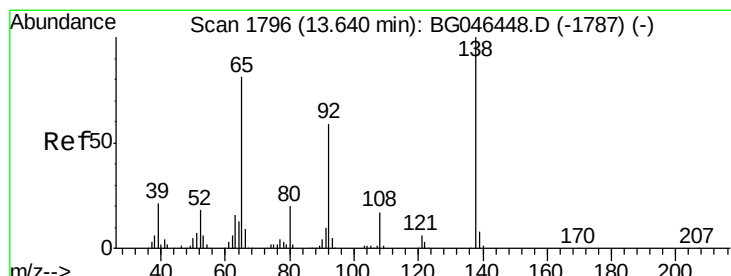
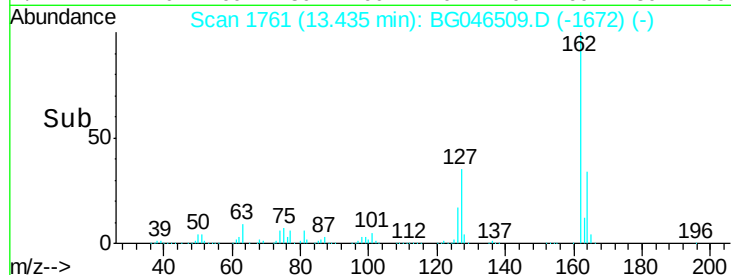
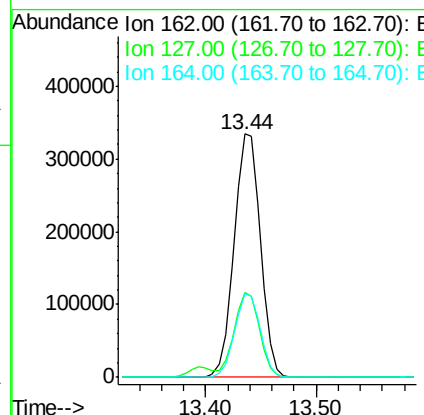
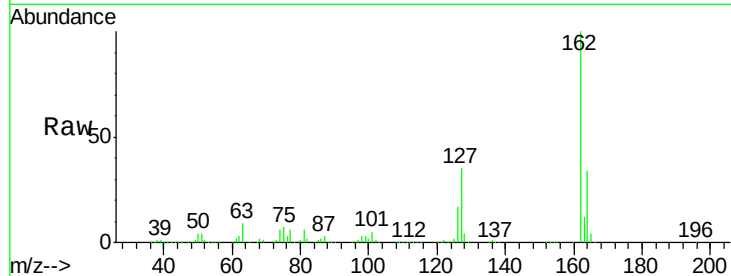




#47
2-Chloronaphthalene
Concen: 43.006 ng
RT: 13.44 min Scan# 1761
Delta R.T. -0.00 min
Lab File: BG046509.D
Acq: 2 Sep 2020 18:52

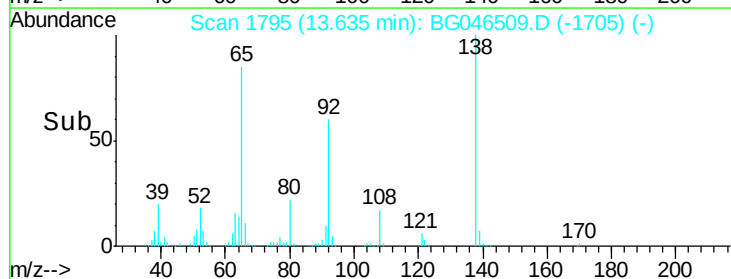
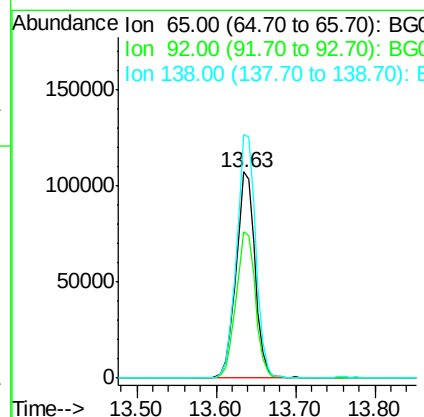
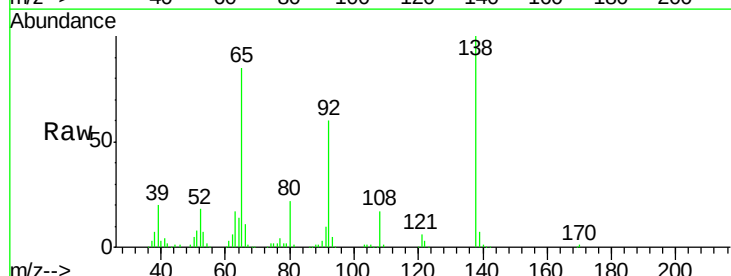
Instrument :
BNA_G
ClientSampleId :
789UMR-DSP01-01MSD

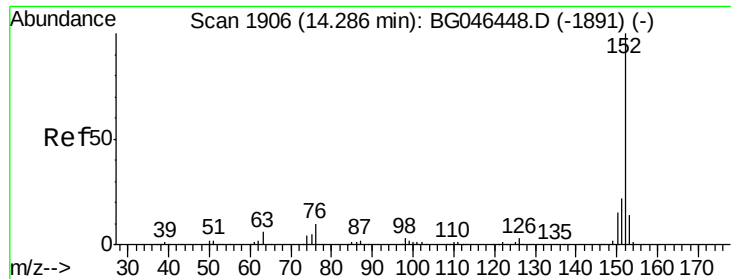
Tot Ion:162 Resp: 558732
Ion Ratio Lower Upper
162 100
127 35.0 27.6 41.4
164 34.5 27.3 40.9



#48
2-Nitroaniline
Concen: 49.200 ng
RT: 13.63 min Scan# 1795
Delta R.T. 0.00 min
Lab File: BG046509.D
Acq: 2 Sep 2020 18:52

Tgt Ion: 65 Resp: 177495
Ion Ratio Lower Upper
65 100
92 71.1 58.5 87.7
138 118.2 98.4 147.6





#49

Acenaphthylene

Concen: 46.704 ng

RT: 14.29 min Scan# 1906

Delta R.T. 0.00 min

Lab File: BG046509.D

Acq: 2 Sep 2020 18:52

Instrument :

BNA_G

ClientSampleId :

789UMR-DSP01-01MSD

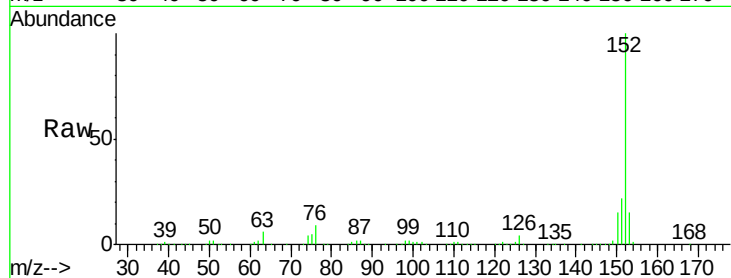
Tot Ion:152 Resp: 920438

Ion Ratio Lower Upper

152 100

151 22.4 17.7 26.5

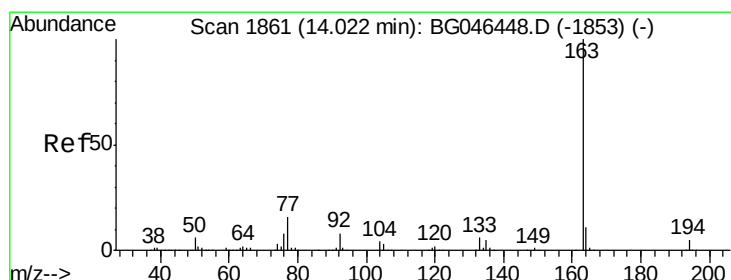
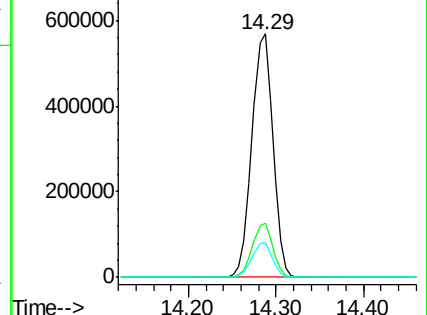
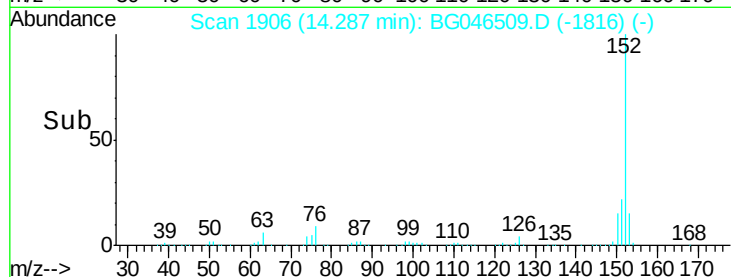
153 14.5 11.2 16.8



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: 52.742 ng

RT: 14.02 min Scan# 1861

Delta R.T. 0.01 min

Lab File: BG046509.D

Acq: 2 Sep 2020 18:52

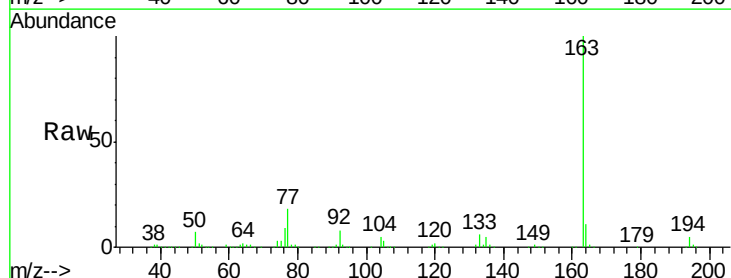
Tgt Ion:163 Resp: 898676

Ion Ratio Lower Upper

163 100

194 5.2 3.7 5.5

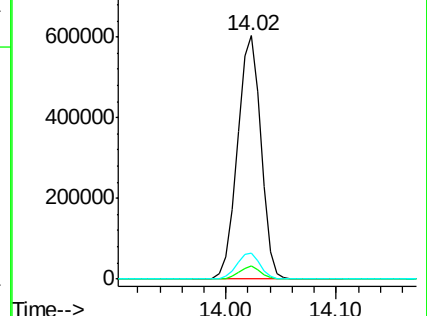
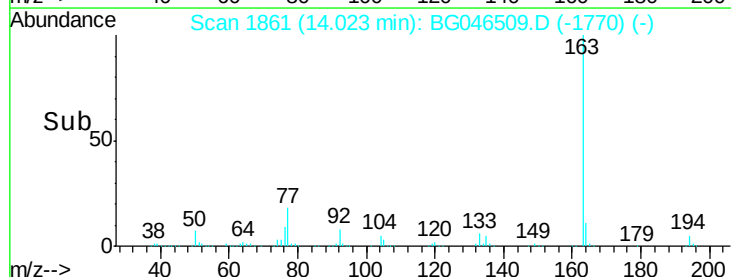
164 10.6 8.6 12.8

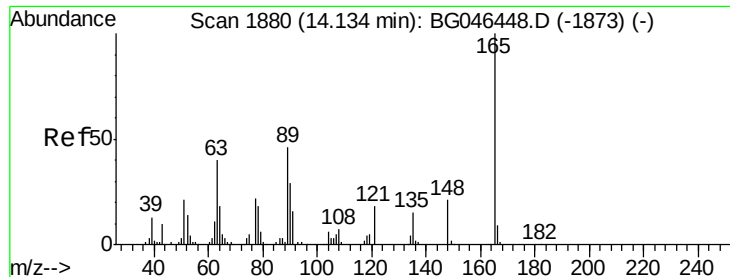


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

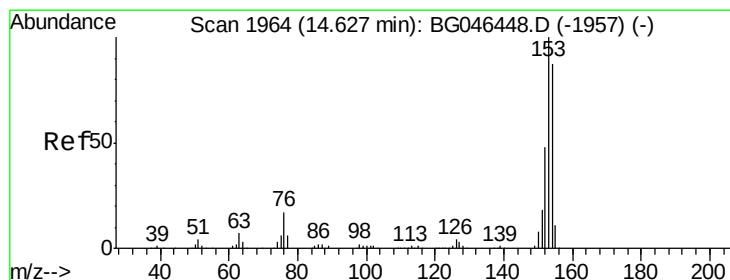
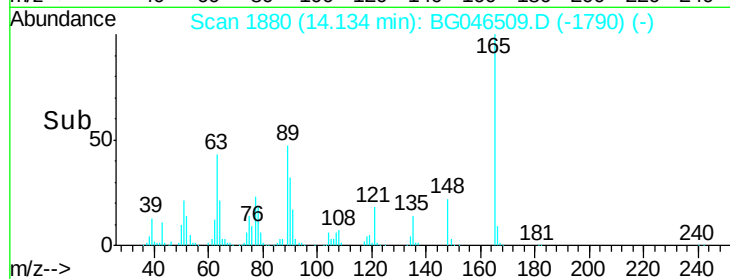
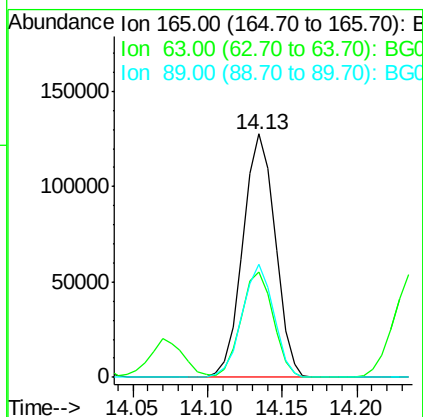
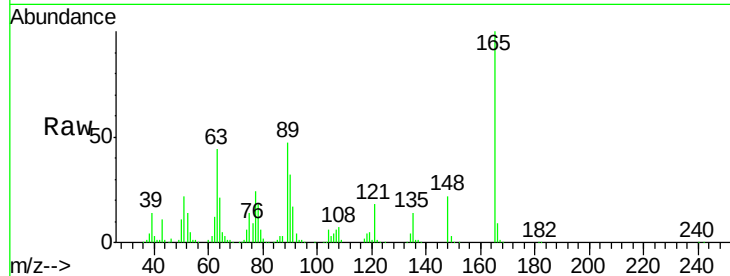




#51
 2,6-Dinitrotoluene
 Concen: 50.983 ng
 RT: 14.13 min Scan# 1880
 Delta R.T. 0.00 min
 Lab File: BG046509.D
 Acq: 2 Sep 2020 18:52

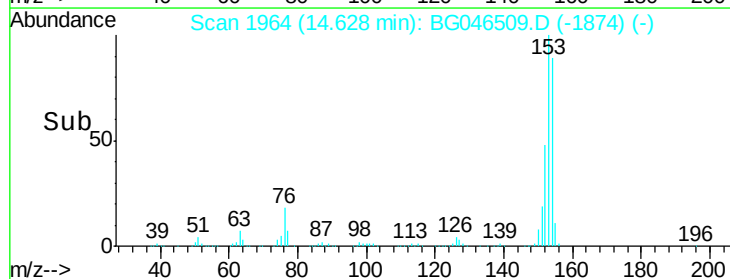
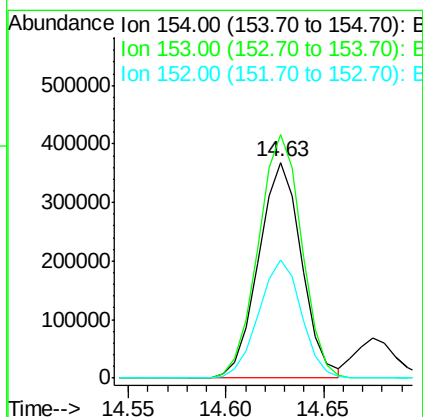
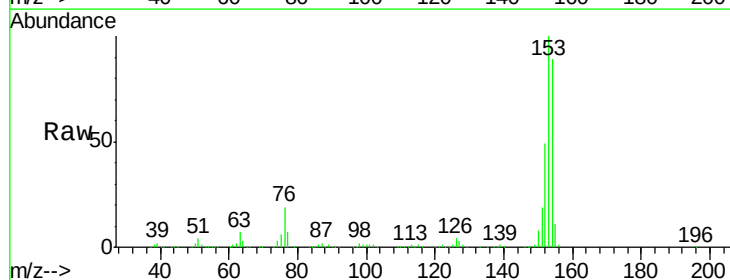
Instrument :
 BNA_G
 ClientSampleId :
 789UMR-DSP01-01MSD

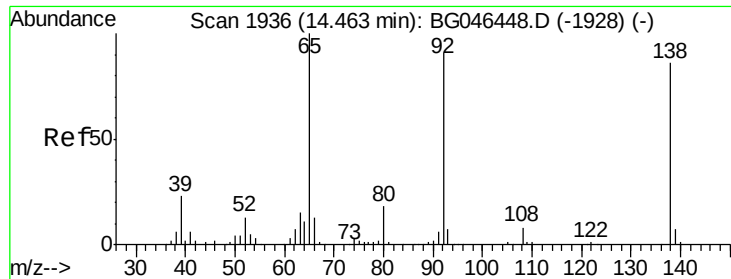
Tot Ion:165 Resp: 191493
 Ion Ratio Lower Upper
 165 100
 63 43.5 34.2 51.4
 89 46.6 37.0 55.4



#52
 Acenaphthene
 Concen: 46.191 ng
 RT: 14.63 min Scan# 1964
 Delta R.T. 0.00 min
 Lab File: BG046509.D
 Acq: 2 Sep 2020 18:52

Tgt Ion:154 Resp: 564120
 Ion Ratio Lower Upper
 154 100
 153 112.7 91.9 137.9
 152 54.7 43.8 65.6





#53

3-Nitroaniline

Concen: 20.910 ng

RT: 14.46 min Scan# 1936

Delta R.T. 0.00 min

Lab File: BG046509.D

Acq: 2 Sep 2020 18:52

Instrument :

BNA_G

ClientSampleId :

789UMR-DSP01-01MSD

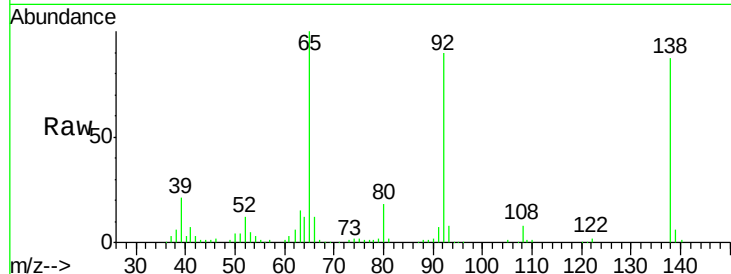
Tot Ion:138 Resp: 85074

Ion Ratio Lower Upper

138 100

108 9.1 7.0 10.6

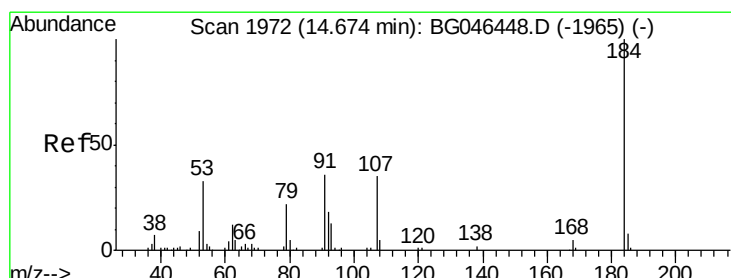
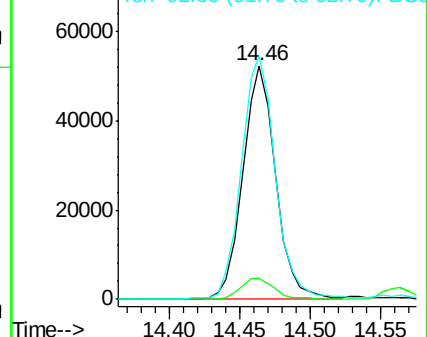
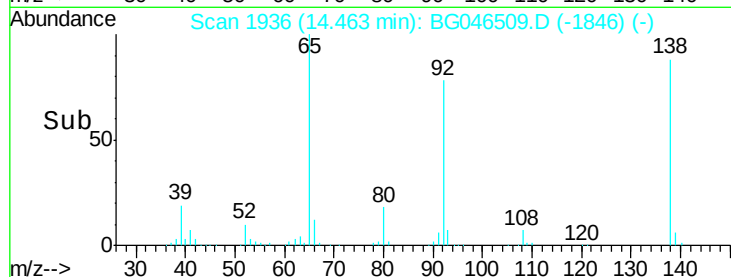
92 104.0 84.6 127.0



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): B



#54

2,4-Dinitrophenol

Concen: 93.488 ng

RT: 14.67 min Scan# 1972

Delta R.T. 0.00 min

Lab File: BG046509.D

Acq: 2 Sep 2020 18:52

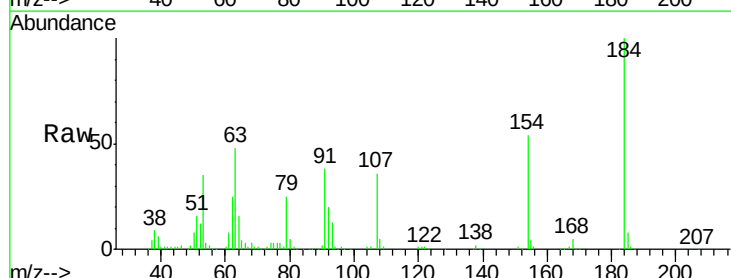
Tgt Ion:184 Resp: 204964

Ion Ratio Lower Upper

184 100

63 47.6 35.6 53.4

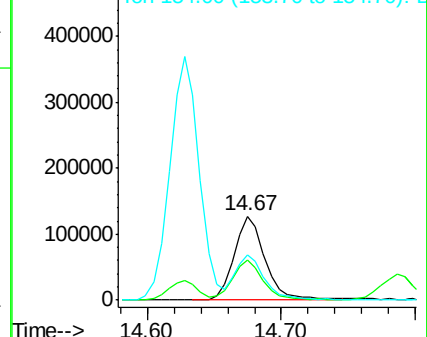
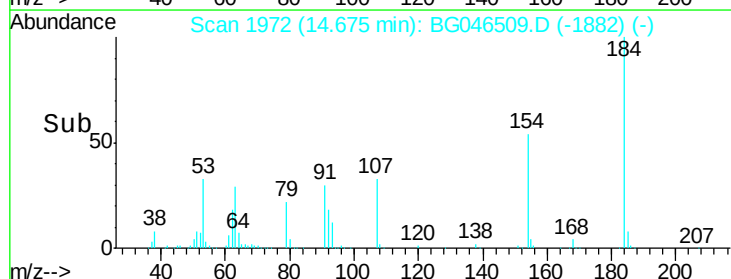
154 54.0 44.3 66.5

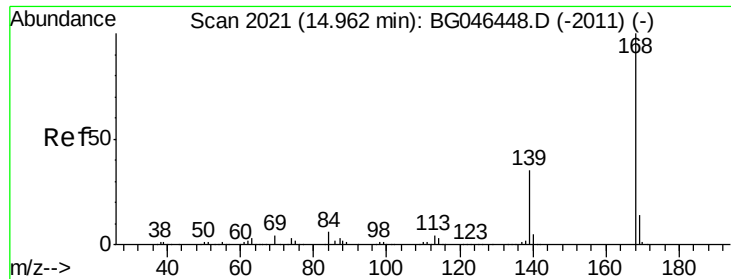


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): B

Ion 154.00 (153.70 to 154.70): E

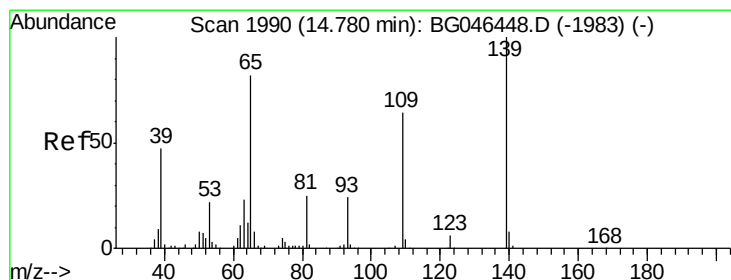
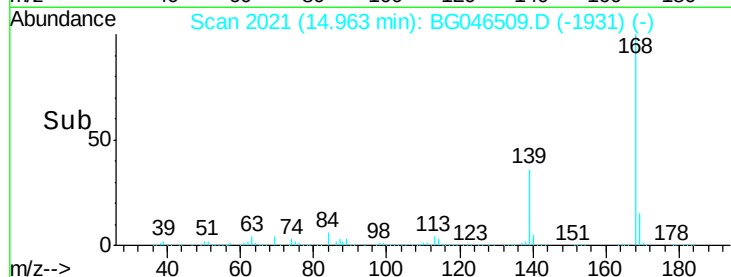
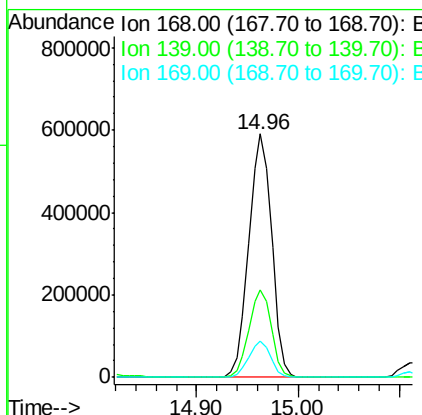
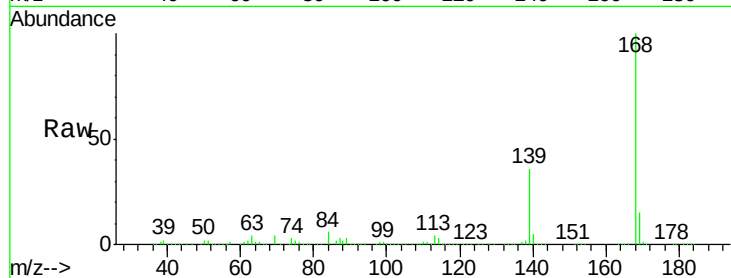




#55
Dibenzenofuran
Concen: 47.153 ng
RT: 14.96 min Scan# 2021
Delta R.T. 0.00 min
Lab File: BG046509.D
Acq: 2 Sep 2020 18:52

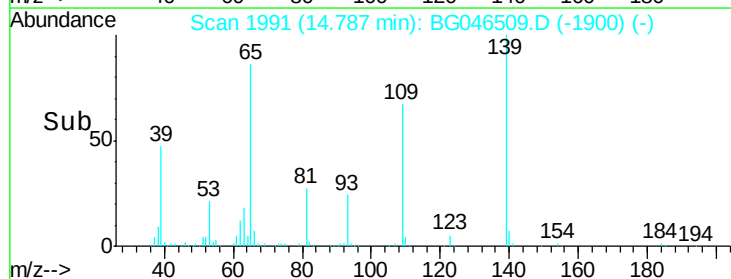
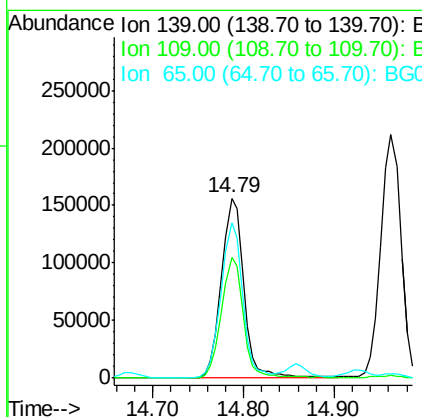
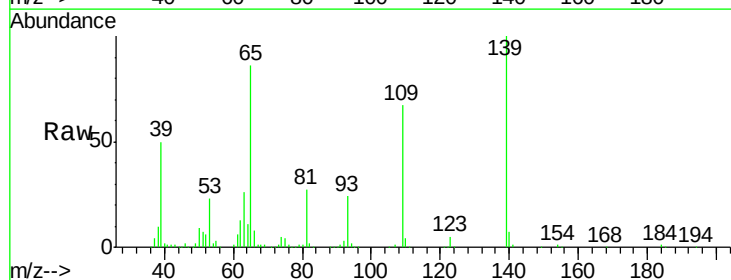
Instrument :
BNA_G
ClientSampleId :
789UMR-DSP01-01MSD

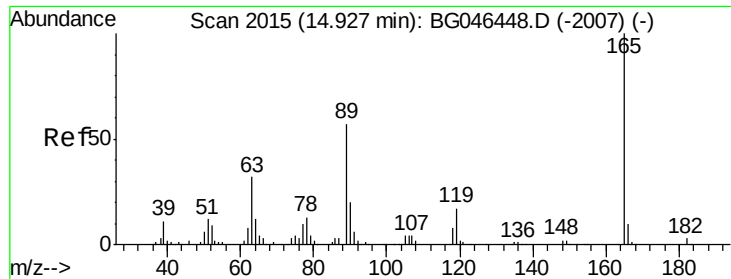
Tot Ion:168 Resp: 924171
Ion Ratio Lower Upper
168 100
139 35.8 28.1 42.1
169 14.6 11.5 17.3



#56
4-Nitrophenol
Concen: 90.719 ng
RT: 14.79 min Scan# 1991
Delta R.T. 0.01 min
Lab File: BG046509.D
Acq: 2 Sep 2020 18:52

Tgt Ion:139 Resp: 271637
Ion Ratio Lower Upper
139 100
109 66.7 44.3 84.3
65 85.9 61.5 101.5

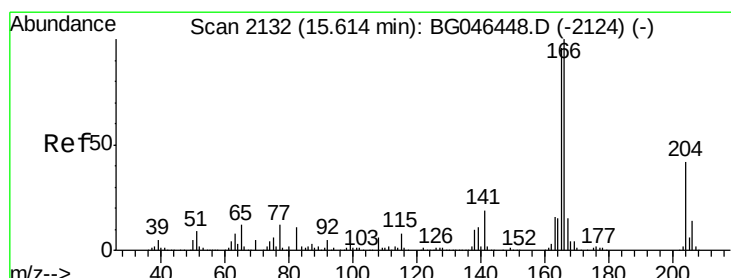
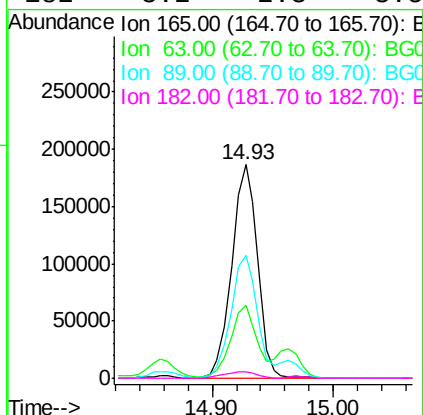
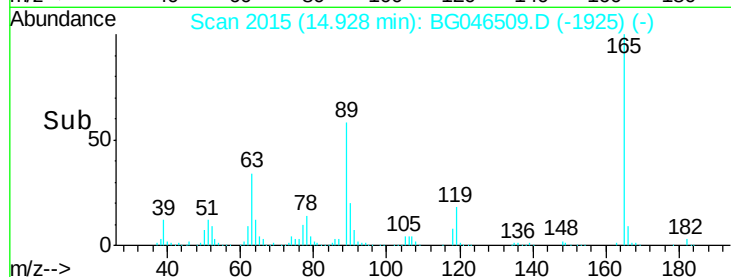
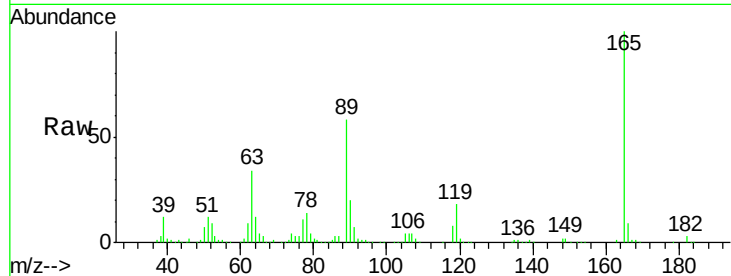




#57
 2,4-Dinitrotoluene
 Concen: 51.602 ng
 RT: 14.93 min Scan# 2015
 Delta R.T. 0.00 min
 Lab File: BG046509.D
 Acq: 2 Sep 2020 18:52

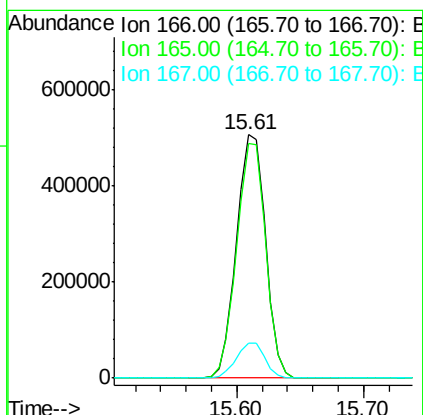
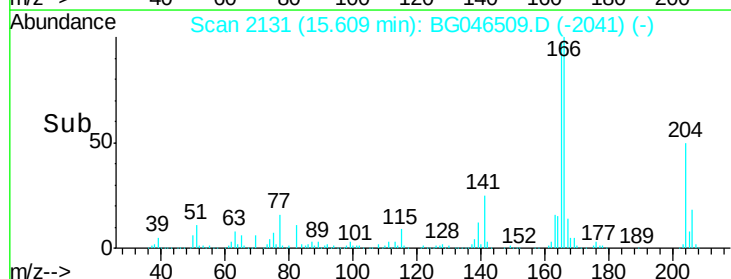
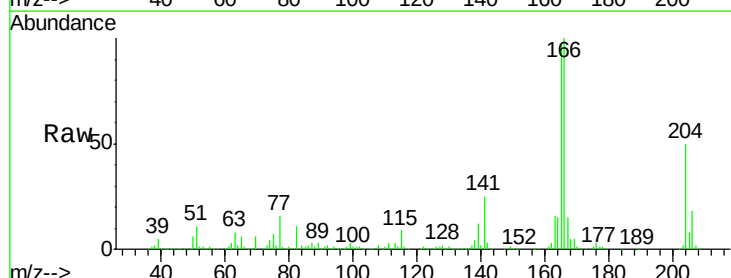
Instrument :
 BNA_G
 ClientSampleId :
 789UMR-DSP01-01MSD

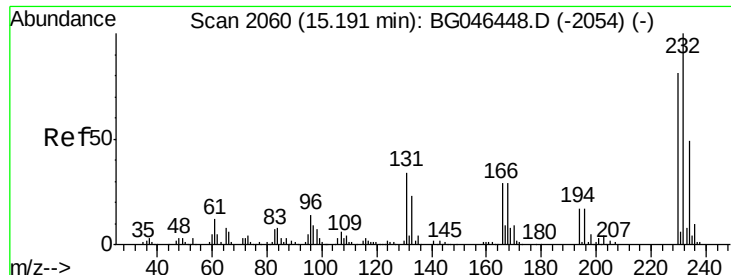
Tot Ion:165	Resp:	276361
Ion	Ratio	Lower Upper
165	100	
63	34.5	25.4 38.0
89	57.6	45.9 68.9
182	3.2	2.3 3.5



#58
 Fluorene
 Concen: 48.600 ng
 RT: 15.61 min Scan# 2131
 Delta R.T. 0.00 min
 Lab File: BG046509.D
 Acq: 2 Sep 2020 18:52

Tgt Ion:166	Resp:	799458
Ion	Ratio	Lower Upper
166	100	
165	96.6	77.0 115.4
167	14.5	11.8 17.6

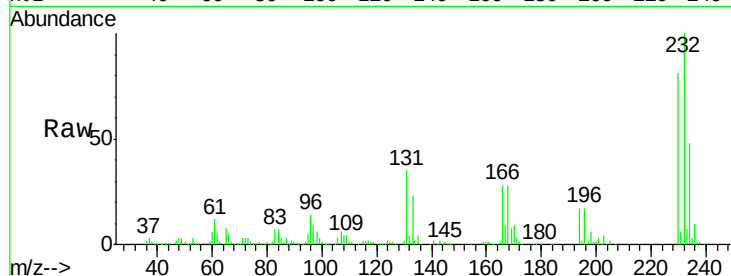




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 50.326 ng
 RT: 15.19 min Scan# 2060
 Delta R.T. 0.00 min
 Lab File: BG046509.D
 Acq: 2 Sep 2020 18:52

Instrument :
 BNA_G
 ClientSampleId :
 789UMR-DSP01-01MSD

Tot Ion:	232	Resp:	251659
Ion	Ratio	Lower	Upper
232	100		
131	35.1	26.8	40.2
130	1.9	1.4	2.2
166	28.1	22.8	34.2

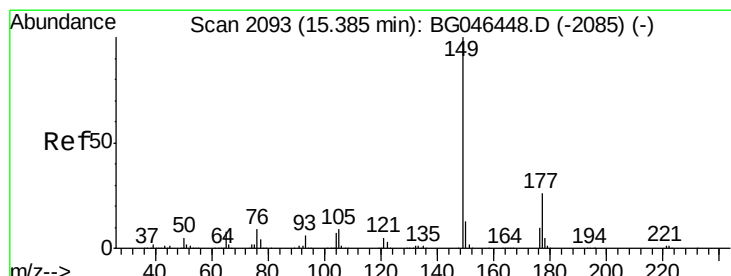
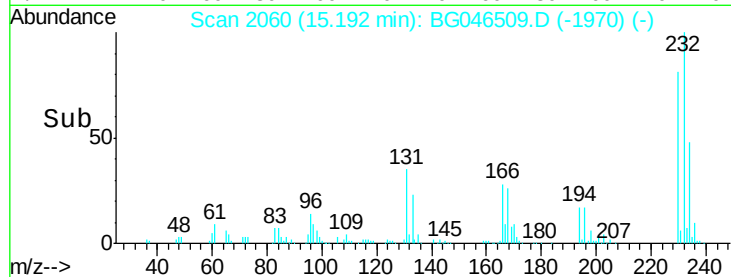
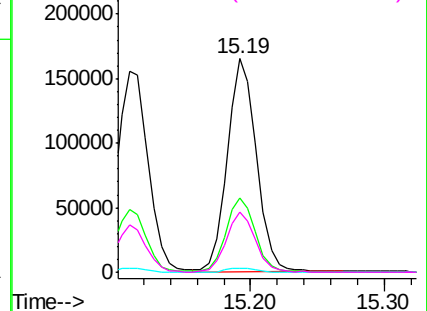


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

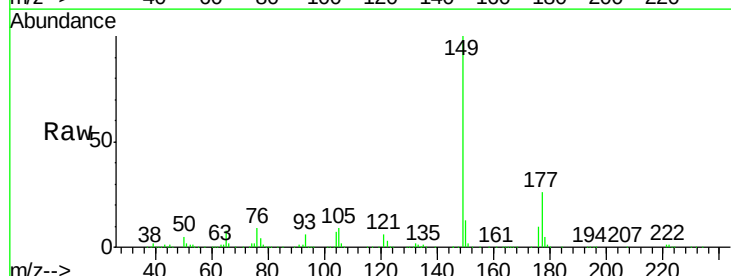
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 49.818 ng
 RT: 15.39 min Scan# 2093
 Delta R.T. 0.00 min
 Lab File: BG046509.D
 Acq: 2 Sep 2020 18:52

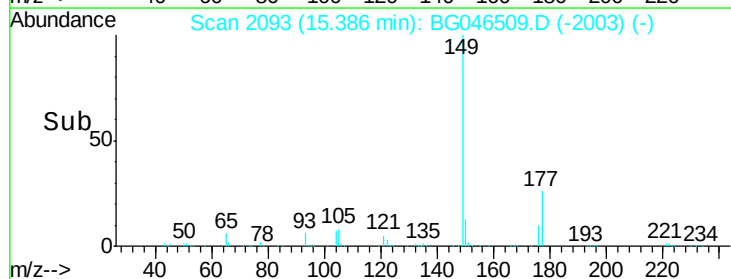
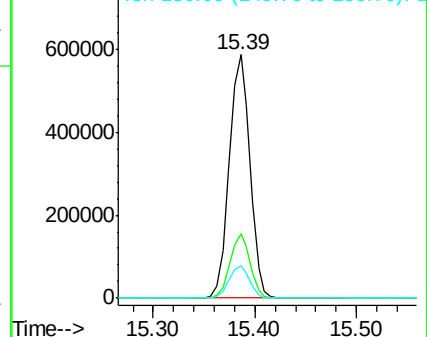
Tgt Ion:	149	Resp:	827631
Ion	Ratio	Lower	Upper
149	100		
177	26.2	20.6	30.8
150	13.3	10.3	15.5

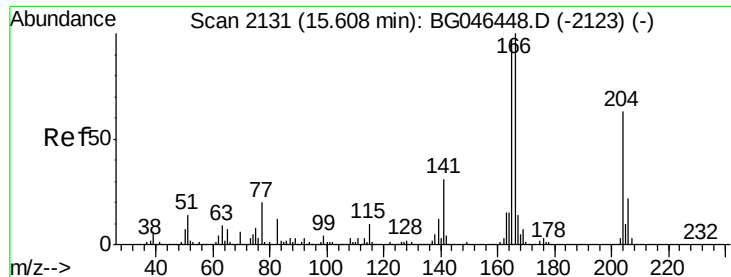


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

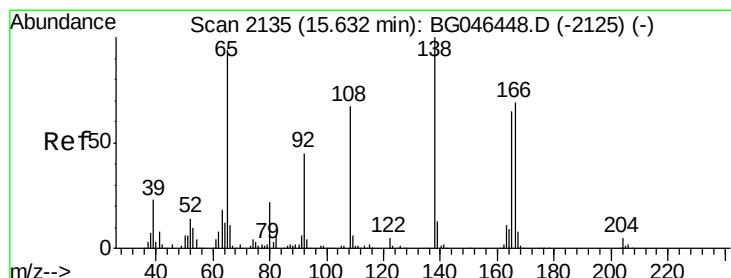
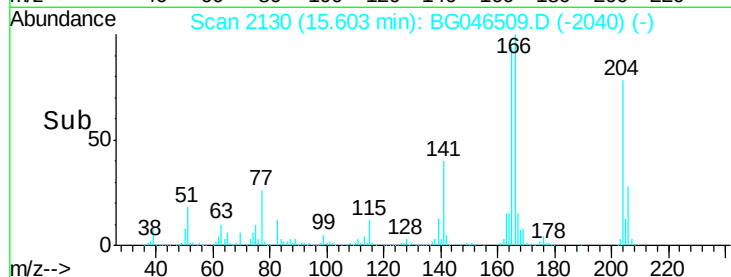
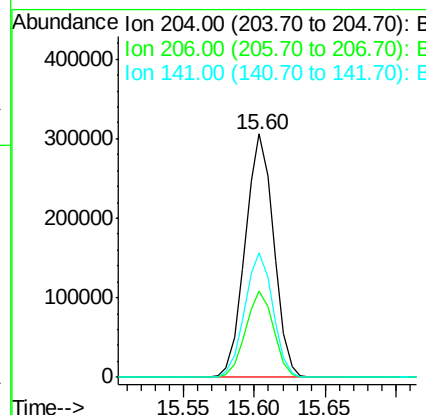
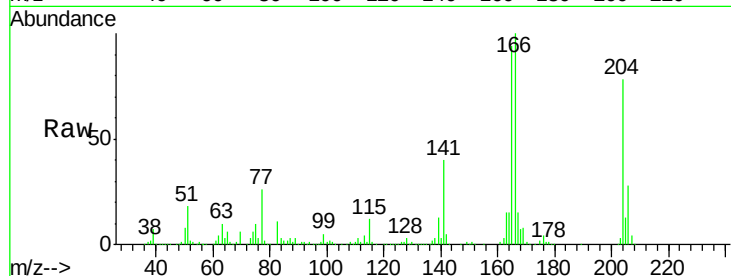




#61
4-Chlorophenyl-phenylether
Concen: 47.695 ng
RT: 15.60 min Scan# 2130
Delta R.T. 0.00 min
Lab File: BG046509.D
Acq: 2 Sep 2020 18:52

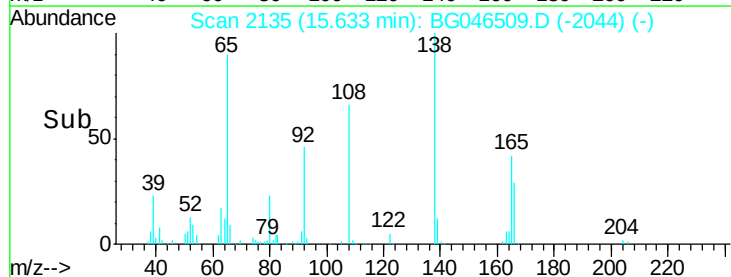
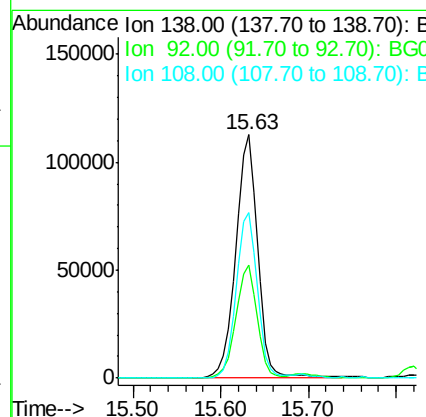
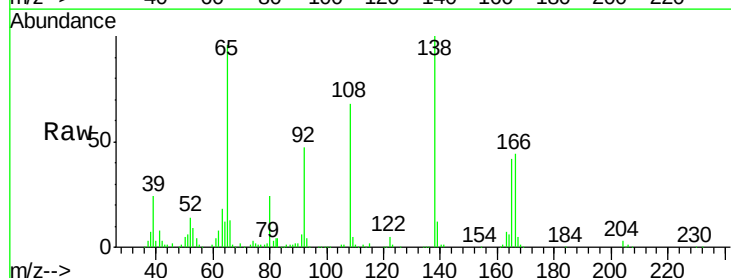
Instrument :
BNA_G
ClientSampleId :
789UMR-DSP01-01MSD

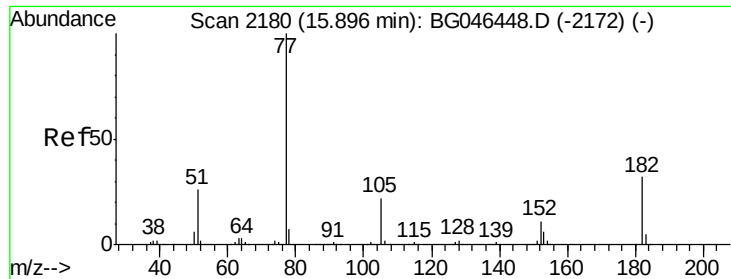
Tot Ion:204 Resp: 432088
Ion Ratio Lower Upper
204 100
206 35.3 27.7 41.5
141 51.4 38.7 58.1



#62
4-Nitroaniline
Concen: 44.937 ng
RT: 15.63 min Scan# 2135
Delta R.T. 0.01 min
Lab File: BG046509.D
Acq: 2 Sep 2020 18:52

Tgt Ion:138 Resp: 192913
Ion Ratio Lower Upper
138 100
92 46.6 25.3 65.3
108 67.8 46.7 86.7





#63

Azobenzene

Concen: 50.862 ng

RT: 15.90 min Scan# 2180

Delta R.T. 0.00 min

Lab File: BG046509.D

Acq: 2 Sep 2020 18:52

Instrument :

BNA_G

ClientSampleId :

789UMR-DSP01-01MSD

Tot Ion: 77 Resp: 687336

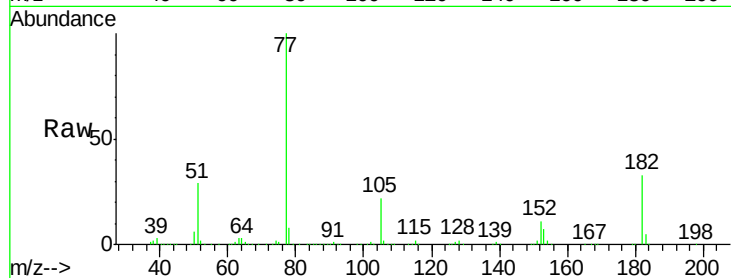
Ion Ratio Lower Upper

77 100

182 33.2 12.3 52.3

105 22.2 2.3 42.3

51 28.5 6.5 46.5

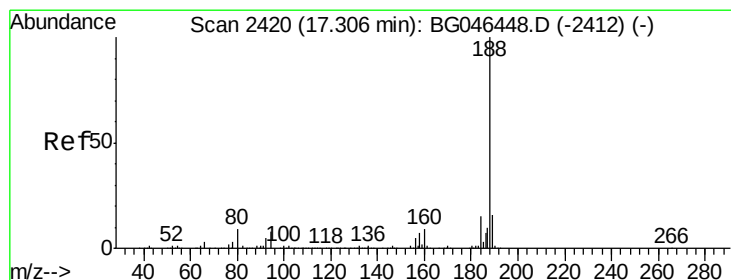
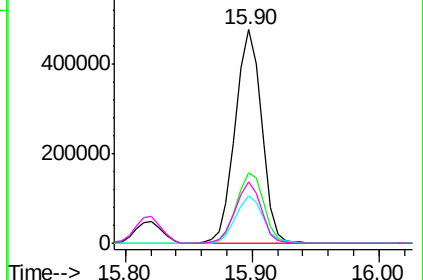
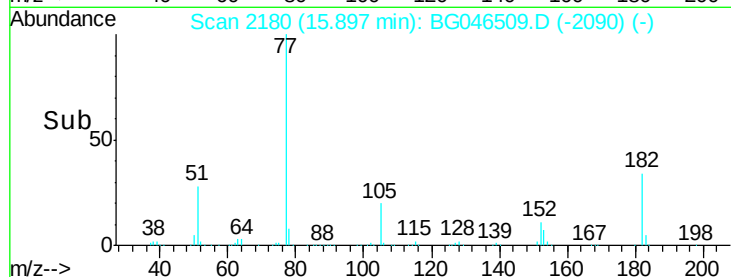


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.31 min Scan# 2420

Delta R.T. 0.00 min

Lab File: BG046509.D

Acq: 2 Sep 2020 18:52

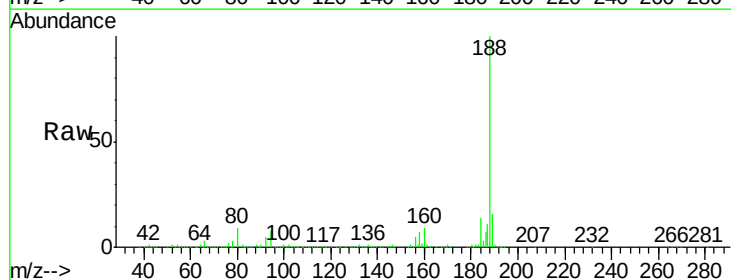
Tgt Ion: 188 Resp: 564228

Ion Ratio Lower Upper

188 100

94 7.7 6.3 9.5

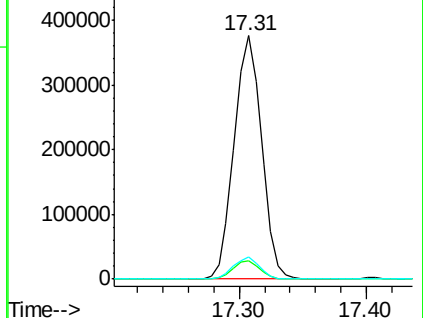
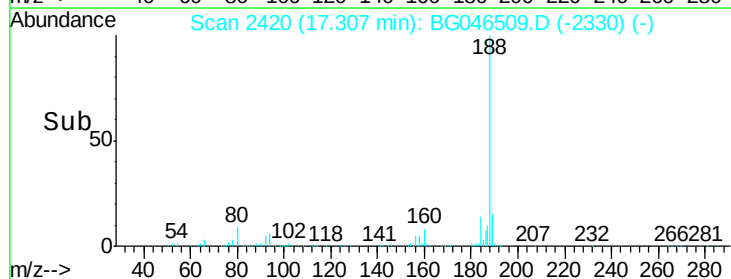
80 8.9 6.9 10.3

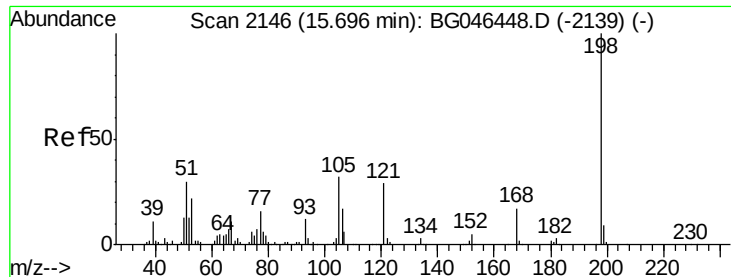


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 53.165 ng

RT: 15.70 min Scan# 2146

Delta R.T. 0.01 min

Lab File: BG046509.D

Acq: 2 Sep 2020 18:52

Instrument :

BNA_G

ClientSampleId :

789UMR-DSP01-01MSD

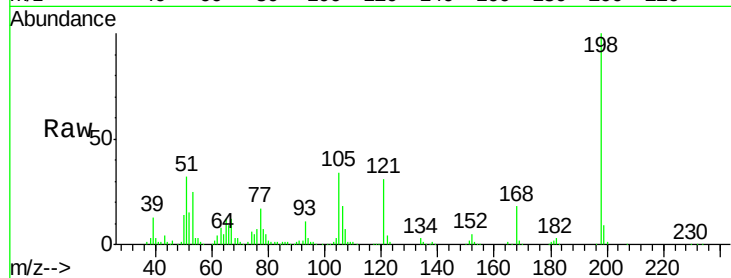
Tot Ion:198 Resp: 169786

Ion	Ratio	Lower	Upper
198	100		
51	32.0	10.4	50.4
105	33.7	12.4	52.4

198 100

51 32.0 10.4 50.4

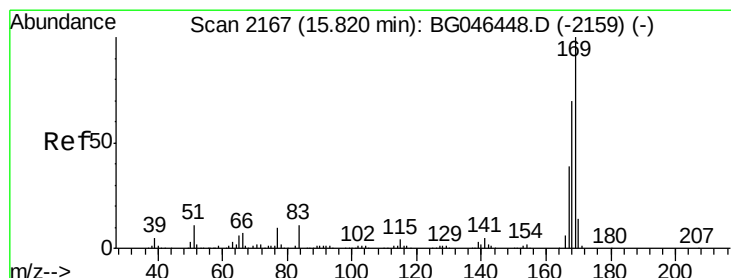
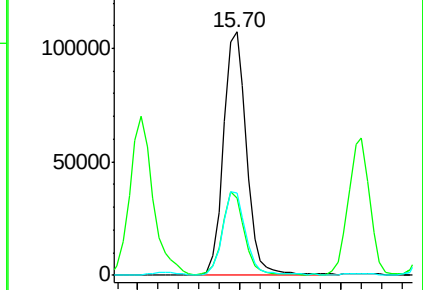
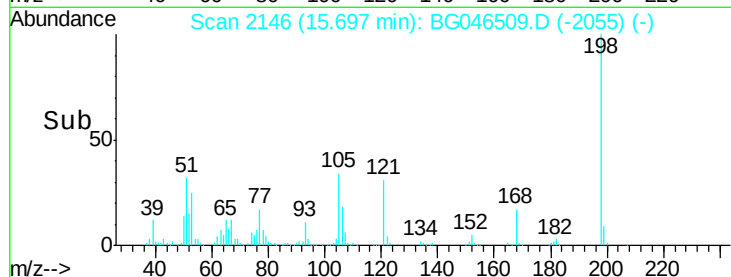
105 33.7 12.4 52.4



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 48.660 ng

RT: 15.82 min Scan# 2167

Delta R.T. 0.01 min

Lab File: BG046509.D

Acq: 2 Sep 2020 18:52

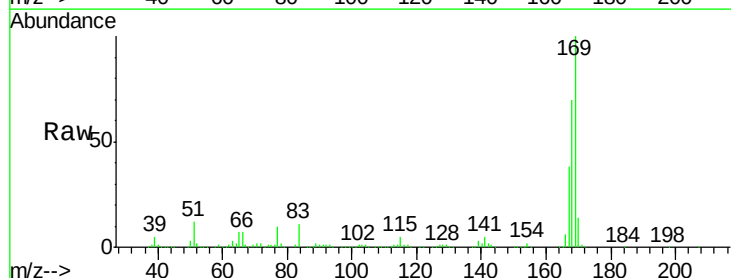
Tgt Ion:169 Resp: 740693

Ion	Ratio	Lower	Upper
169	100		
168	70.3	55.8	83.8
167	38.2	31.0	46.6

169 100

168 70.3 55.8 83.8

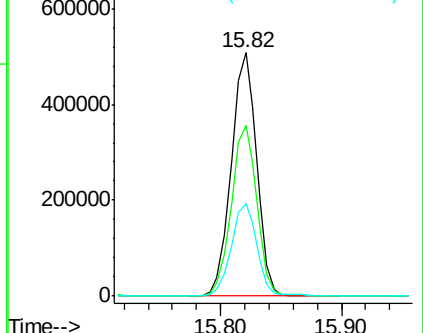
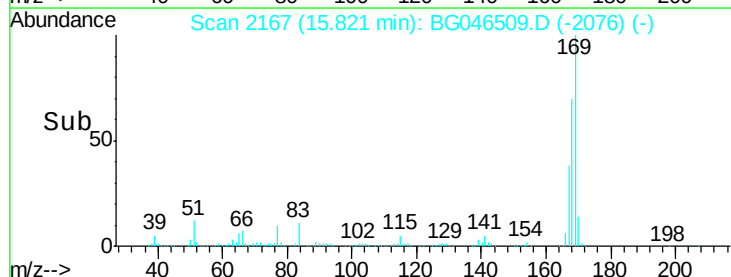
167 38.2 31.0 46.6

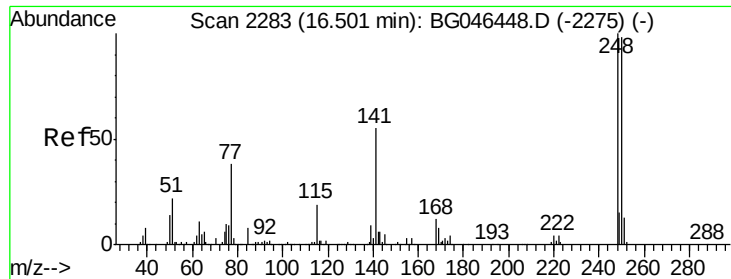


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





#67

4-Bromophenyl-phenylether

Concen: 46.930 ng

RT: 16.50 min Scan# 2282

Delta R.T. 0.00 min

Lab File: BG046509.D

Acq: 2 Sep 2020 18:52

Instrument :

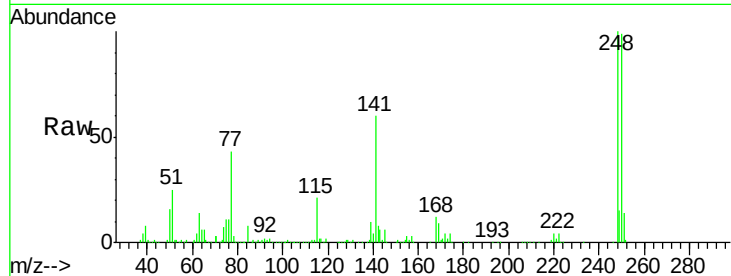
BNA_G

ClientSampleId :

789UMR-DSP01-01MSD

Tot Ion:248 Resp: 308924

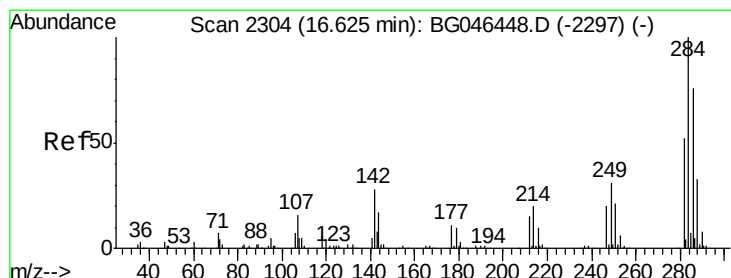
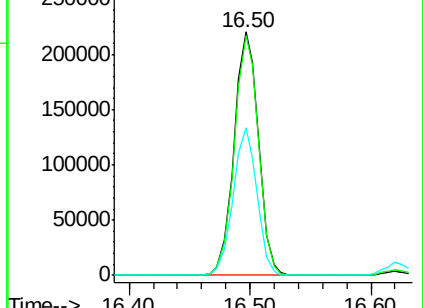
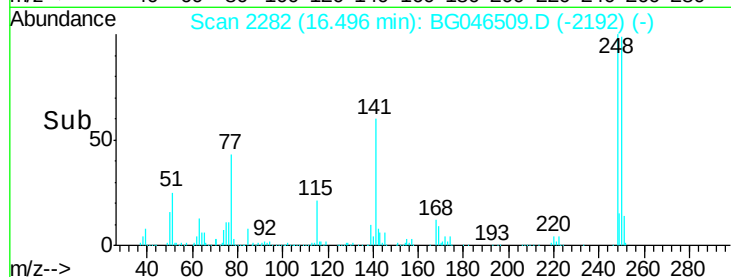
Ion	Ratio	Lower	Upper
248	100		
250	98.7	78.6	118.0
141	60.4	43.9	65.9



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68

Hexachlorobenzene

Concen: 44.327 ng

RT: 16.63 min Scan# 2304

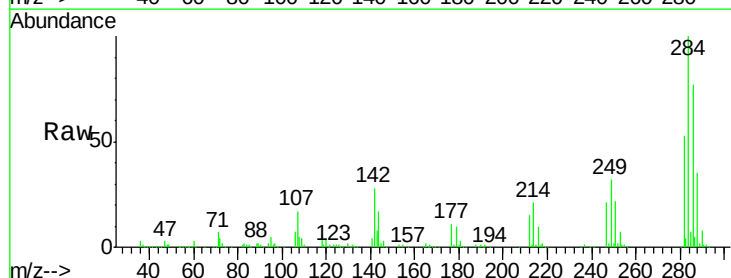
Delta R.T. 0.00 min

Lab File: BG046509.D

Acq: 2 Sep 2020 18:52

Tgt Ion:284 Resp: 323155

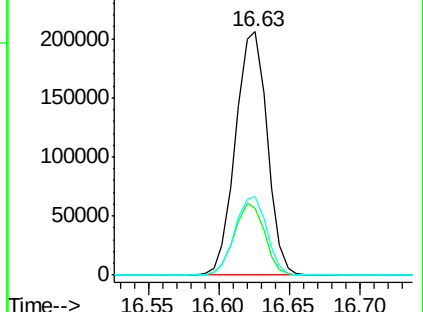
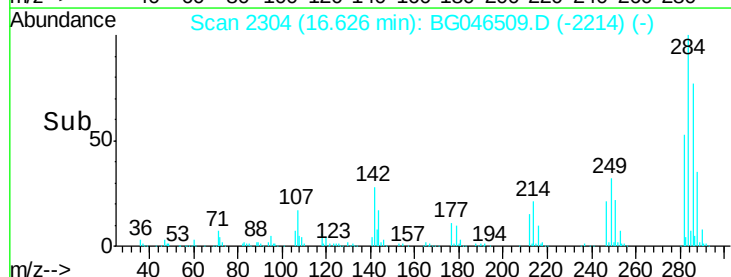
Ion	Ratio	Lower	Upper
284	100		
142	27.6	22.3	33.5
249	32.2	24.8	37.2

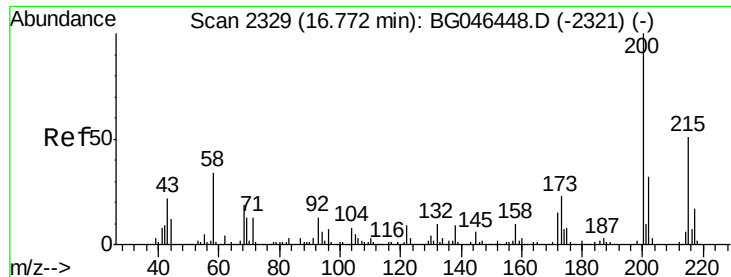


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

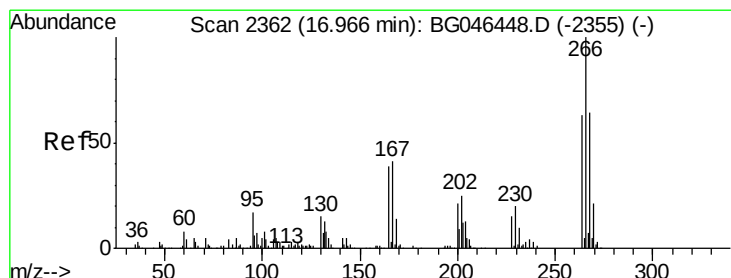
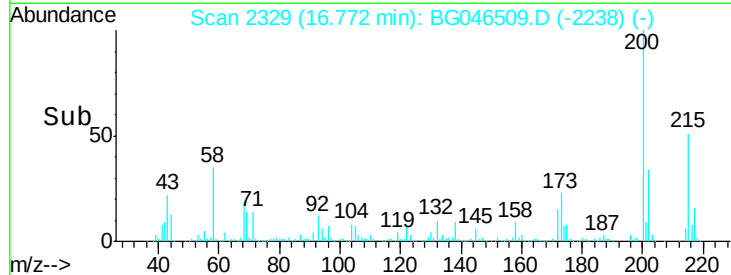
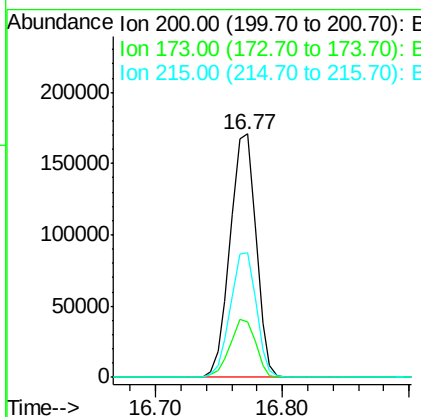
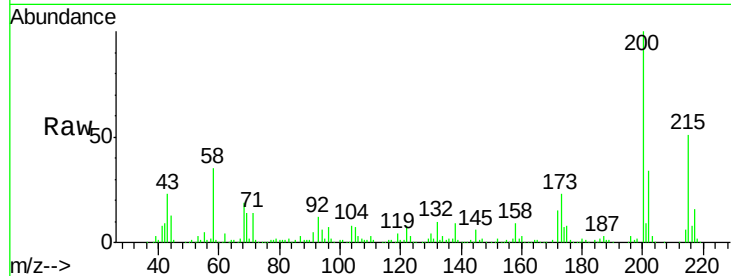




#69
 Atrazine
 Concen: 38.910 ng
 RT: 16.77 min Scan# 2329
 Delta R.T. 0.01 min
 Lab File: BG046509.D
 Acq: 2 Sep 2020 18:52

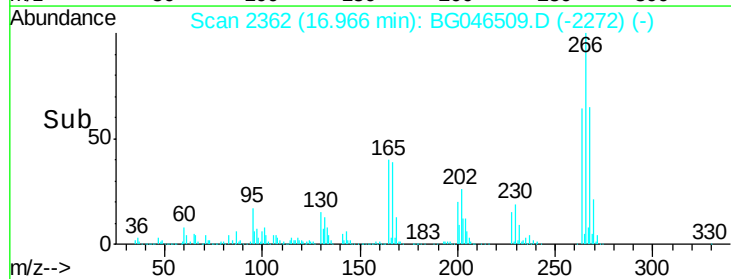
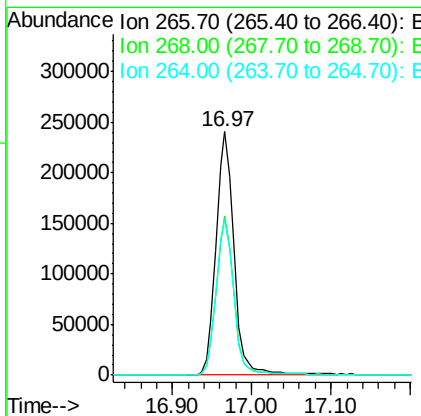
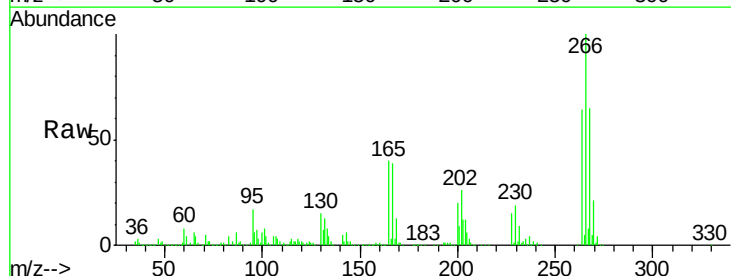
Instrument :
 BNA_G
 ClientSampleId :
 789UMR-DSP01-01MSD

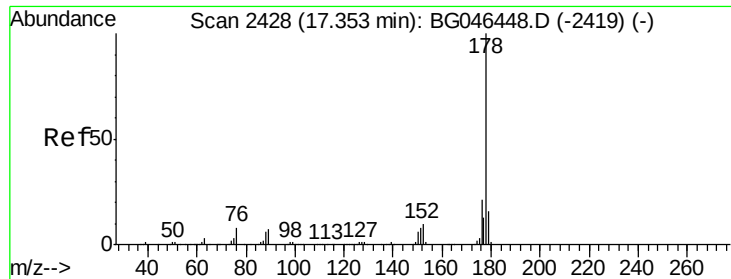
Tot Ion	Ratio	Lower	Upper
200	100		
173	22.9	3.3	43.3
215	51.4	30.9	70.9



#70
 Pentachlorophenol
 Concen: 99.935 ng
 RT: 16.97 min Scan# 2362
 Delta R.T. 0.00 min
 Lab File: BG046509.D
 Acq: 2 Sep 2020 18:52

Tgt Ion	Ratio	Lower	Upper
266	100		
268	65.1	51.1	76.7
264	63.8	50.2	75.2

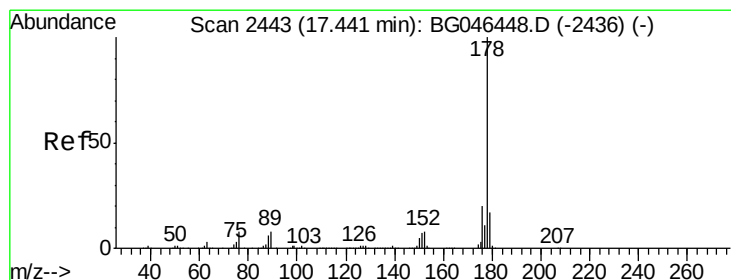
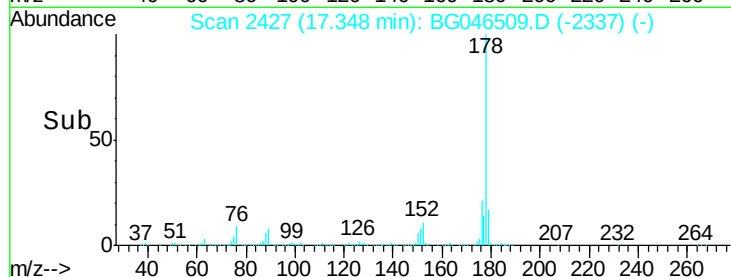
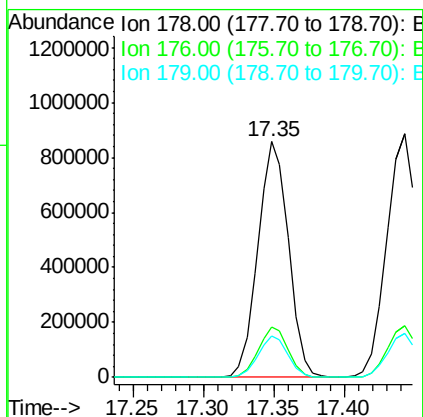
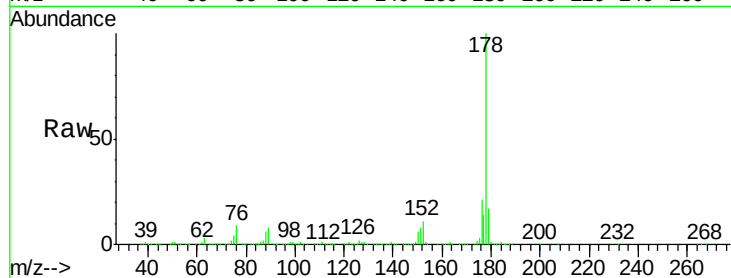




#71
Phenanthrene
Concen: 45.718 ng
RT: 17.35 min Scan# 2427
Delta R.T. 0.00 min
Lab File: BG046509.D
Acq: 2 Sep 2020 18:52

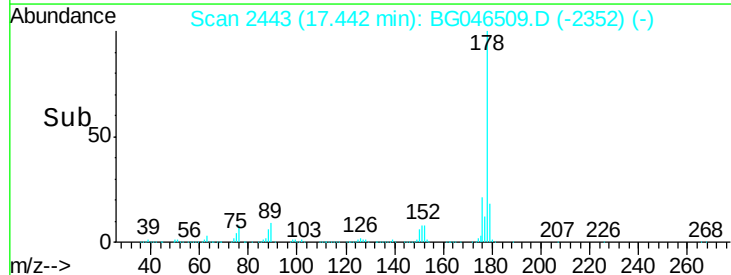
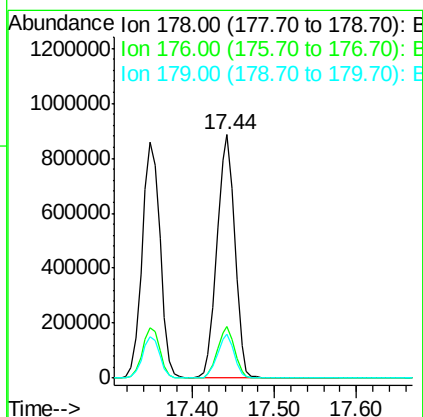
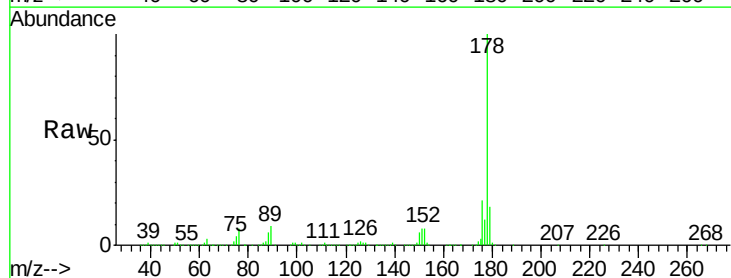
Instrument :
BNA_G
ClientSampleId :
789UMR-DSP01-01MSD

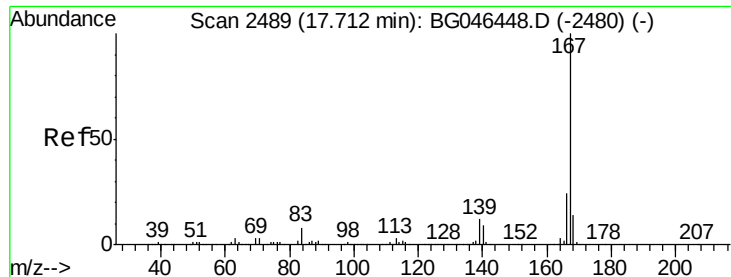
Tot Ion:178 Resp: 1307477
Ion Ratio Lower Upper
178 100
176 21.3 16.8 25.2
179 17.5 13.2 19.8



#72
Anthracene
Concen: 47.621 ng
RT: 17.44 min Scan# 2443
Delta R.T. 0.01 min
Lab File: BG046509.D
Acq: 2 Sep 2020 18:52

Tgt Ion:178 Resp: 1343711
Ion Ratio Lower Upper
178 100
176 21.2 16.1 24.1
179 18.0 13.3 19.9

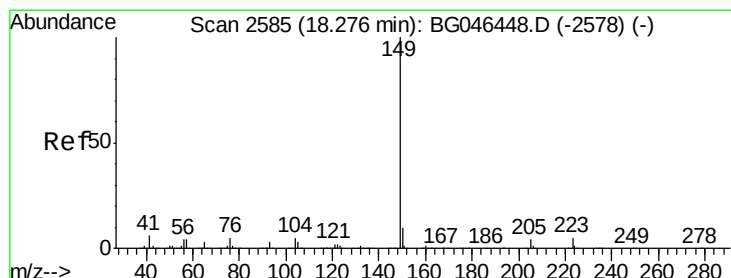
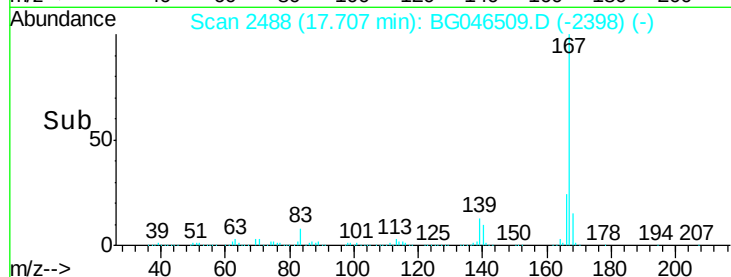
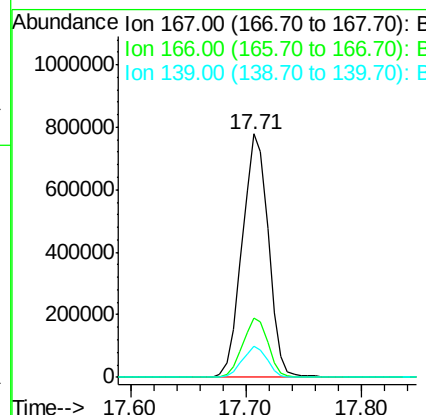
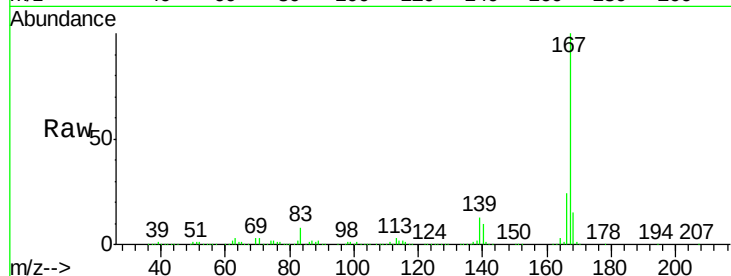




#73
 Carbazole
 Concen: 45.951 ng
 RT: 17.71 min Scan# 2488
 Delta R.T. 0.00 min
 Lab File: BG046509.D
 Acq: 2 Sep 2020 18:52

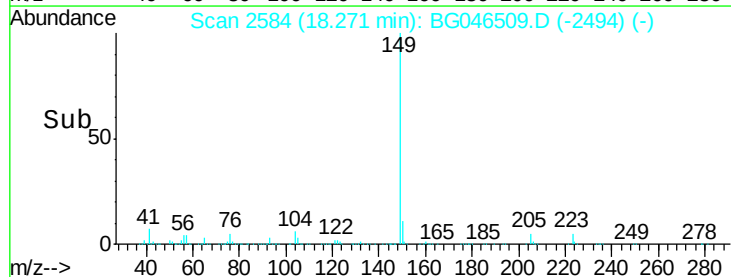
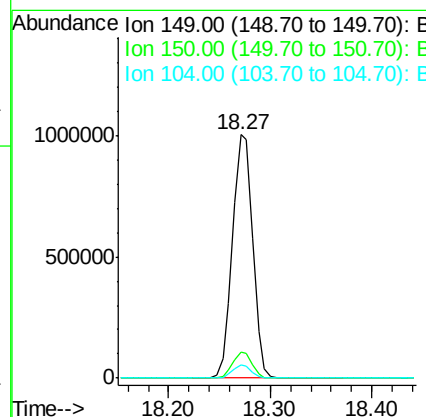
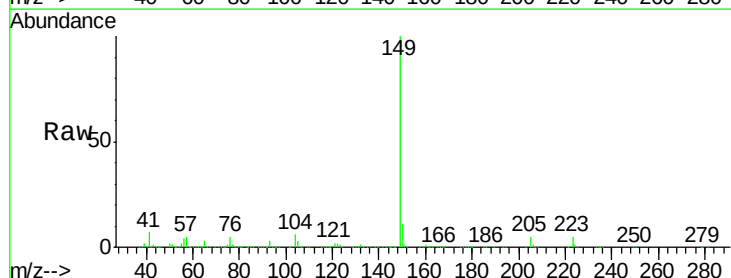
Instrument :
 BNA_G
 ClientSampleId :
 789UMR-DSP01-01MSD

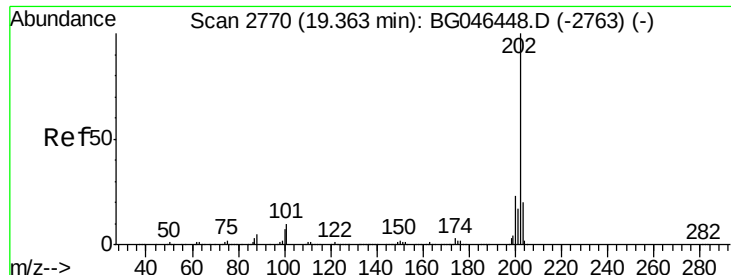
Tot Ion:167 Resp: 1224192
 Ion Ratio Lower Upper
 167 100
 166 24.4 19.3 28.9
 139 12.6 9.7 14.5



#74
 Di-n-butylphthalate
 Concen: 45.376 ng
 RT: 18.27 min Scan# 2584
 Delta R.T. 0.00 min
 Lab File: BG046509.D
 Acq: 2 Sep 2020 18:52

Tgt Ion:149 Resp: 1390058
 Ion Ratio Lower Upper
 149 100
 150 10.9 8.1 12.1
 104 5.6 4.0 6.0





#75

Fluoranthene

Concen: 43.462 ng

RT: 19.36 min Scan# 2769

Delta R.T. 0.00 min

Lab File: BG046509.D

Acq: 2 Sep 2020 18:52

Instrument :

BNA_G

ClientSampleId :

789UMR-DSP01-01MSD

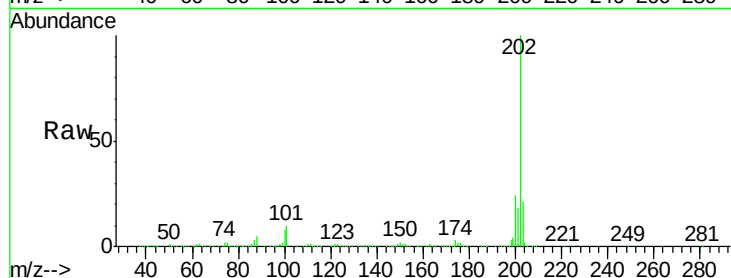
Tot Ion:202 Resp: 1599570

Ion Ratio Lower Upper

202 100

101 10.0 0.0 29.9

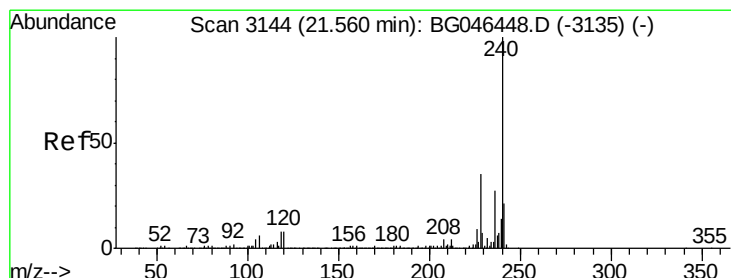
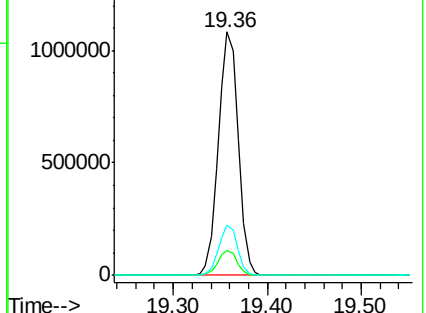
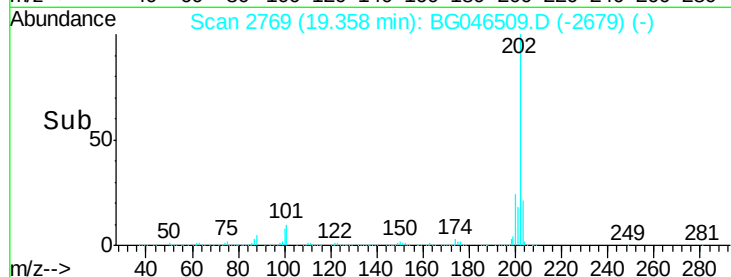
203 20.9 0.0 40.0



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: 21.56 min Scan# 3143

Delta R.T. 0.00 min

Lab File: BG046509.D

Acq: 2 Sep 2020 18:52

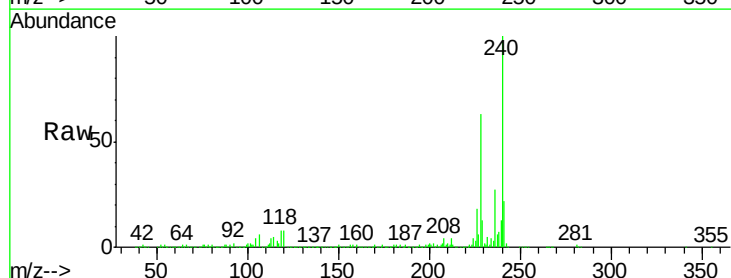
Tgt Ion:240 Resp: 528068

Ion Ratio Lower Upper

240 100

120 8.3 6.6 10.0

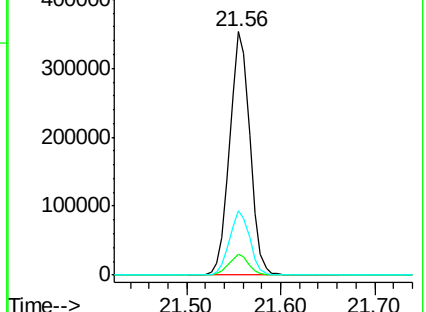
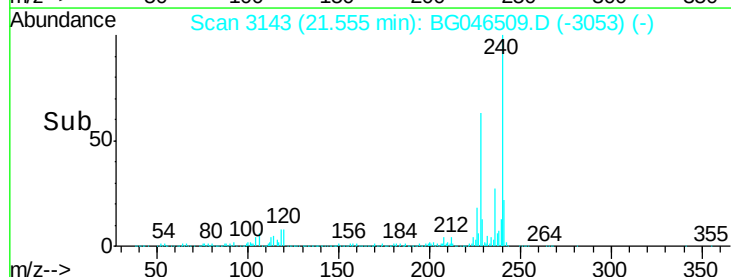
236 26.7 21.4 32.2

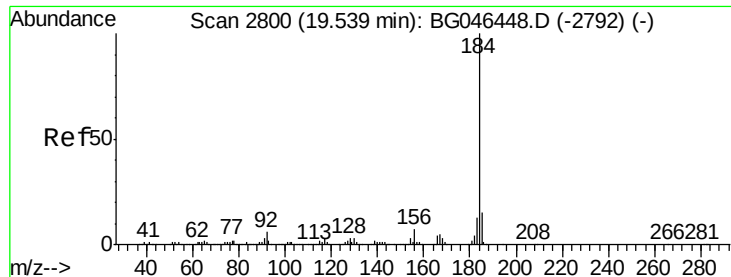


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 30.495 ng

RT: 19.53 min Scan# 2799

Delta R.T. 0.00 min

Lab File: BG046509.D

Acq: 2 Sep 2020 18:52

Instrument :

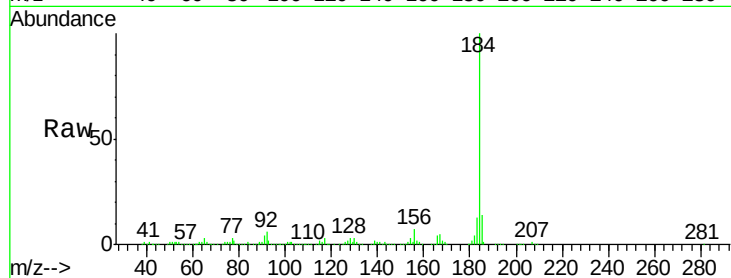
BNA_G

ClientSampleId :

789UMR-DSP01-01MSD

Tot Ion:184 Resp: 374198

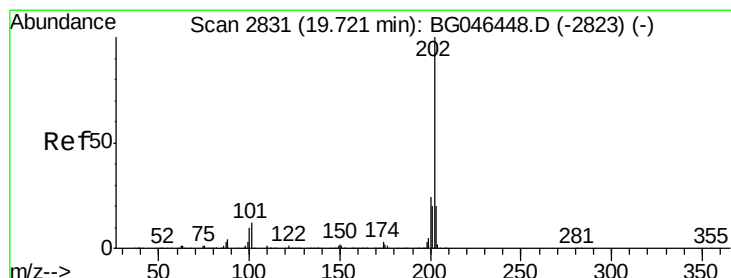
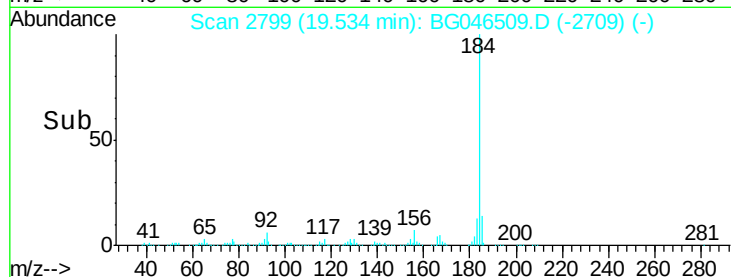
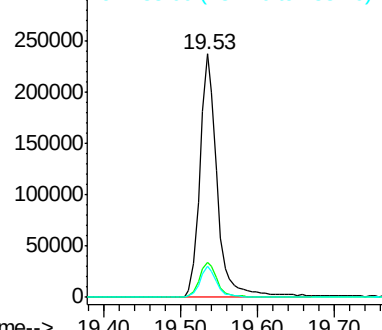
Ion	Ratio	Lower	Upper
184	100		
185	14.2	11.8	17.8
183	12.5	10.7	16.1



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: 47.293 ng

RT: 19.72 min Scan# 2831

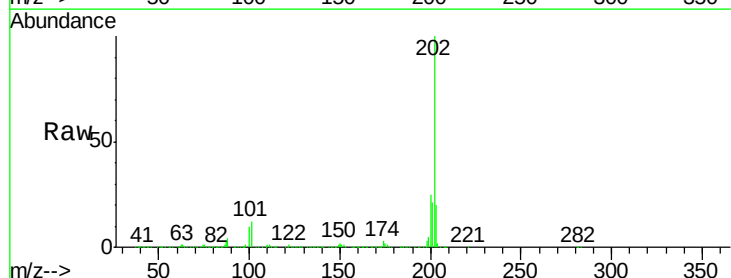
Delta R.T. 0.01 min

Lab File: BG046509.D

Acq: 2 Sep 2020 18:52

Tgt Ion:202 Resp: 1590329

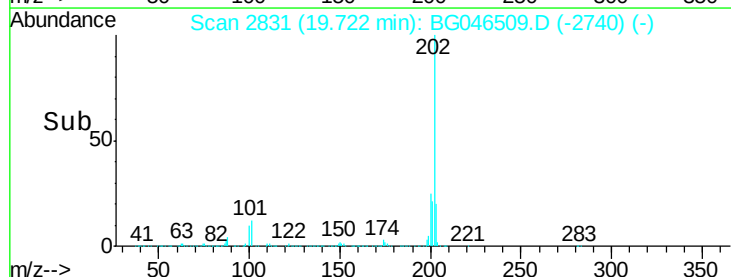
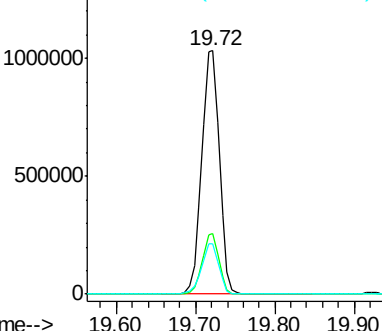
Ion	Ratio	Lower	Upper
202	100		
200	24.9	18.9	28.3
203	20.4	16.1	24.1

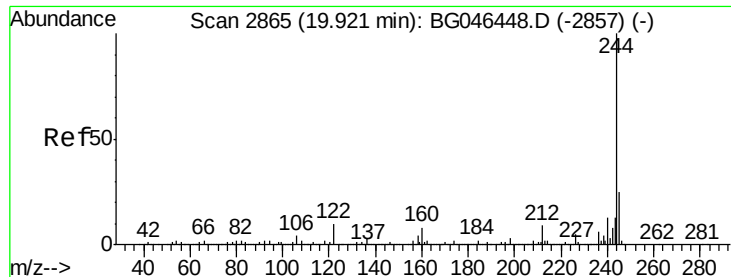


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 77.748 ng

RT: 19.92 min Scan# 2865

Delta R.T. 0.00 min

Lab File: BG046509.D

Acq: 2 Sep 2020 18:52

Instrument :

BNA_G

ClientSampleId :

789UMR-DSP01-01MSD

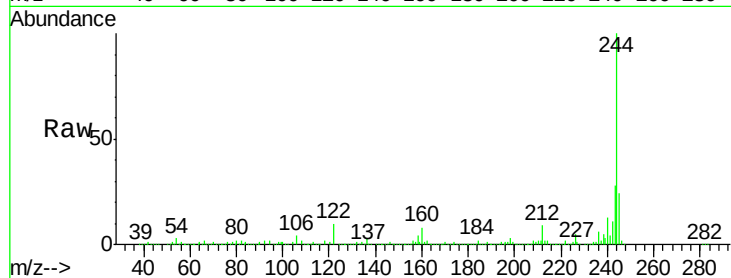
Tot Ion:244 Resp: 1929162

Ion	Ratio	Lower	Upper
244	100		
212	9.1	6.9	10.3
122	10.2	8.2	12.4

244 100

212 9.1 6.9 10.3

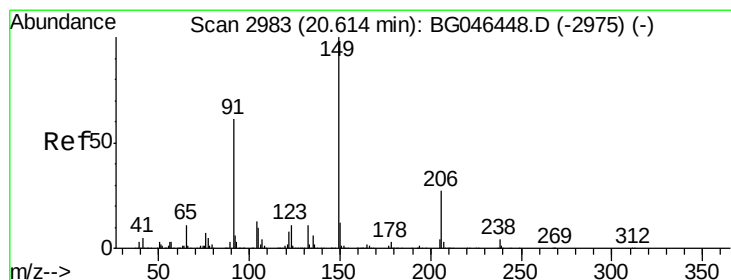
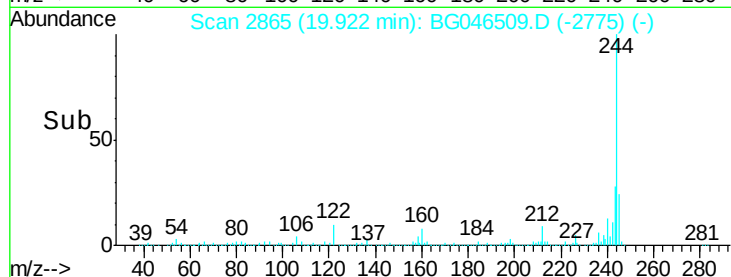
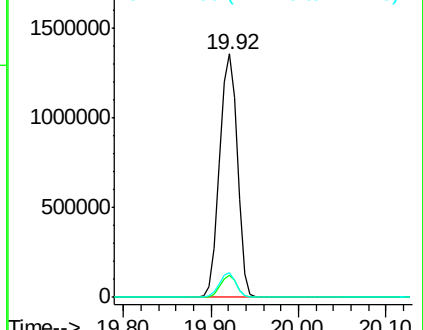
122 10.2 8.2 12.4



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: 47.760 ng

RT: 20.61 min Scan# 2982

Delta R.T. 0.00 min

Lab File: BG046509.D

Acq: 2 Sep 2020 18:52

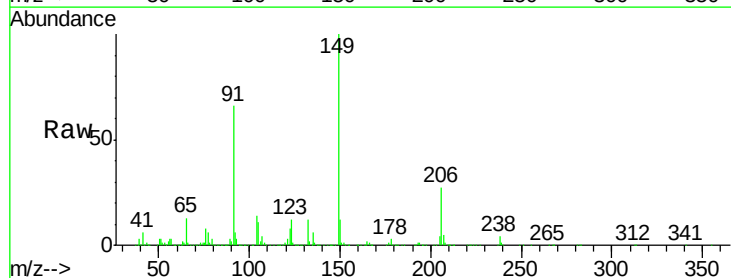
Tgt Ion:149 Resp: 626438

Ion	Ratio	Lower	Upper
149	100		
91	66.1	49.1	73.7
206	27.1	21.9	32.9

149 100

91 66.1 49.1 73.7

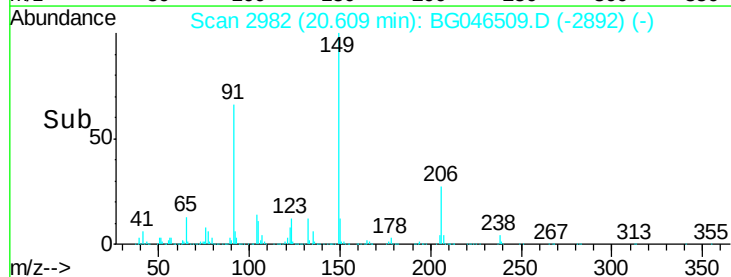
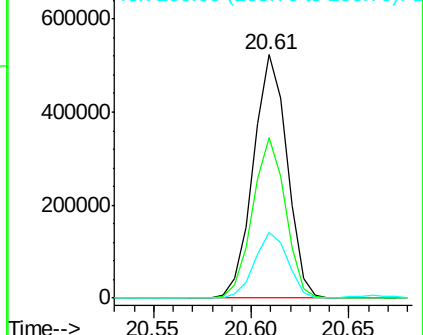
206 27.1 21.9 32.9

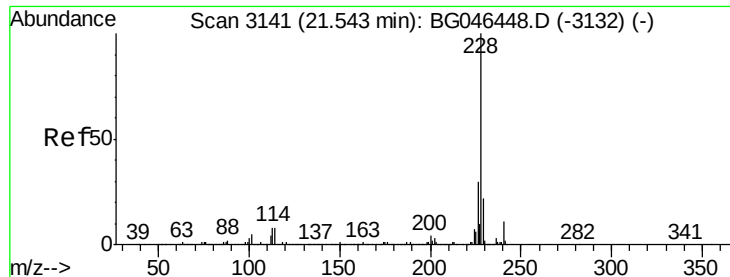


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

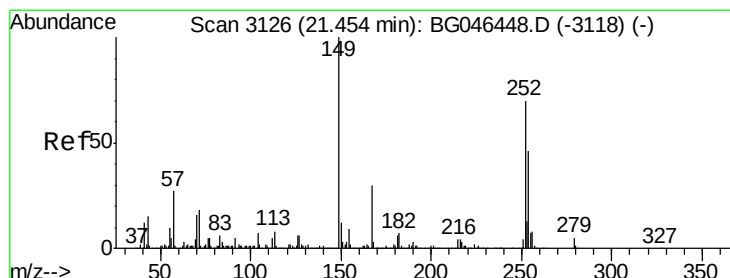
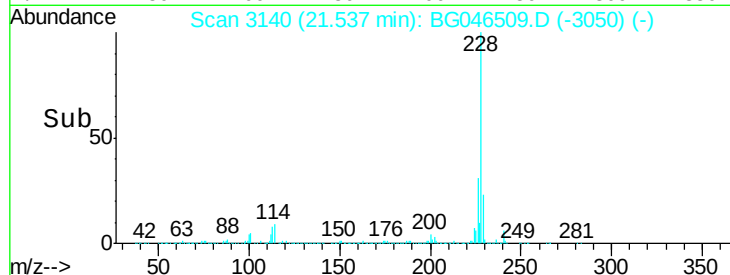
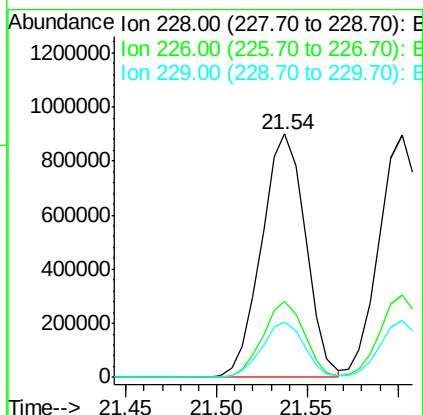
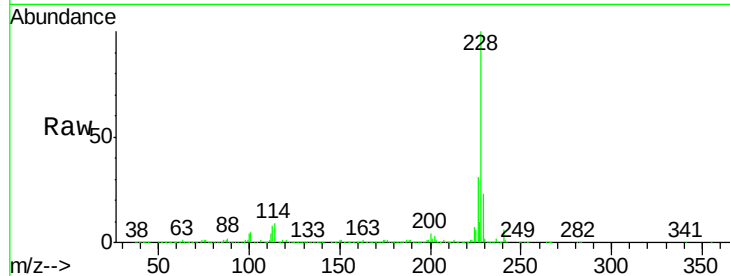




#81
Benzo(a)anthracene
Concen: 46.277 ng
RT: 21.54 min Scan# 3140
Delta R.T. 0.00 min
Lab File: BG046509.D
Acq: 2 Sep 2020 18:52

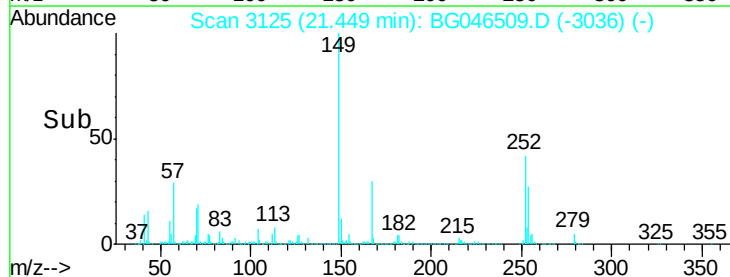
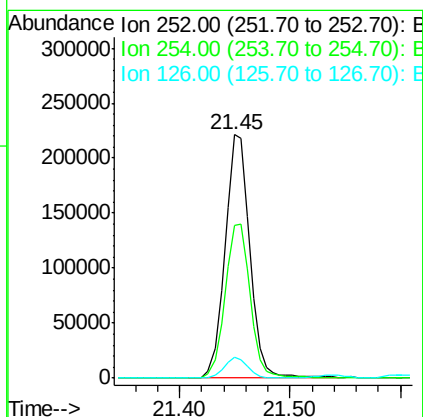
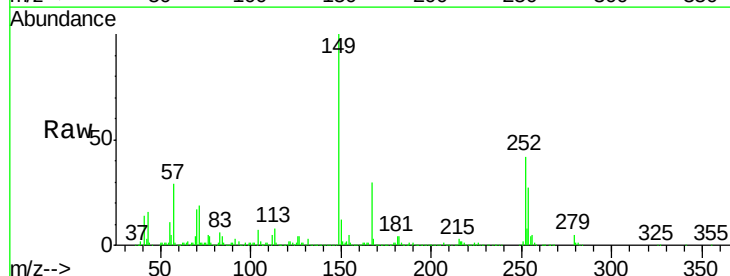
Instrument :
BNA_G
ClientSampleId :
789UMR-DSP01-01MSD

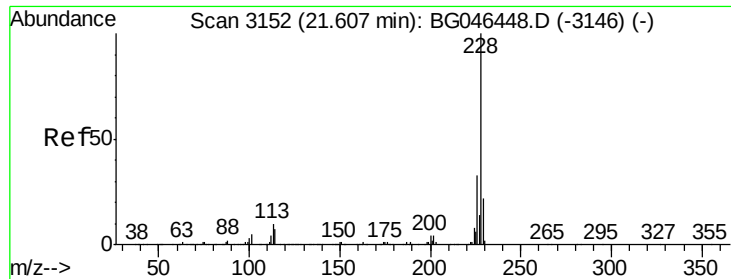
Tot Ion:228 Resp: 1523171
Ion Ratio Lower Upper
228 100
226 31.0 24.2 36.4
229 22.9 17.4 26.2



#82
3,3'-Dichlorobenzidine
Concen: 28.459 ng
RT: 21.45 min Scan# 3125
Delta R.T. -0.00 min
Lab File: BG046509.D
Acq: 2 Sep 2020 18:52

Tgt Ion:252 Resp: 347617
Ion Ratio Lower Upper
252 100
254 62.9 51.9 77.9
126 8.5 7.4 11.0

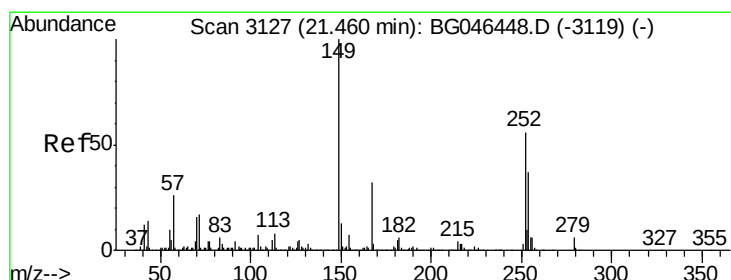
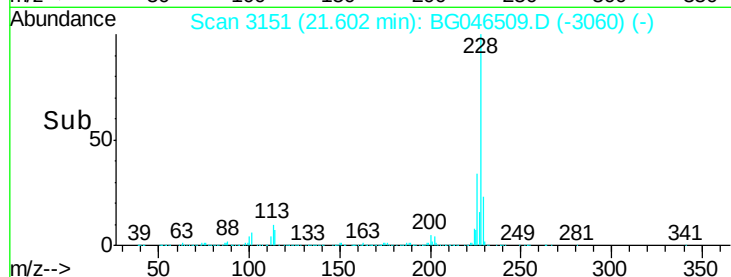
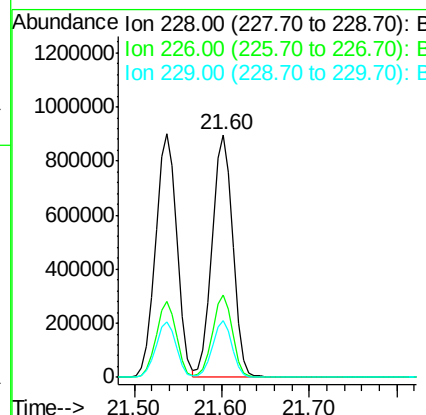
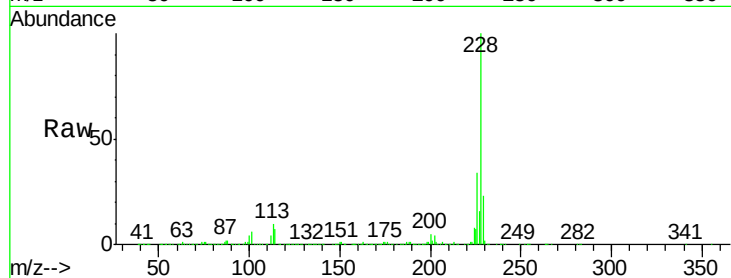




#83
 Chrysene
 Concen: 46.753 ng
 RT: 21.60 min Scan# 3151
 Delta R.T. 0.01 min
 Lab File: BG046509.D
 Acq: 2 Sep 2020 18:52

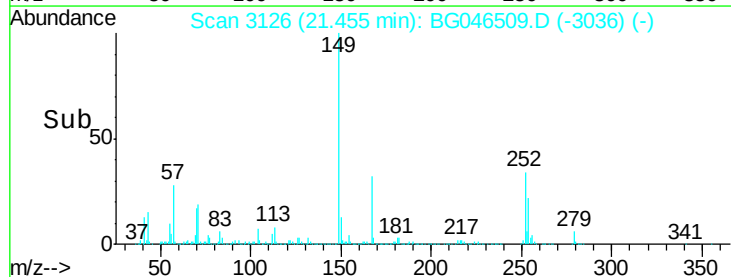
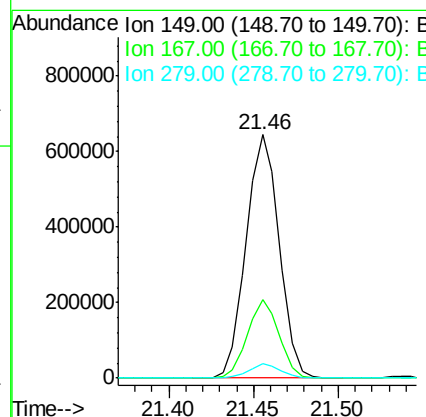
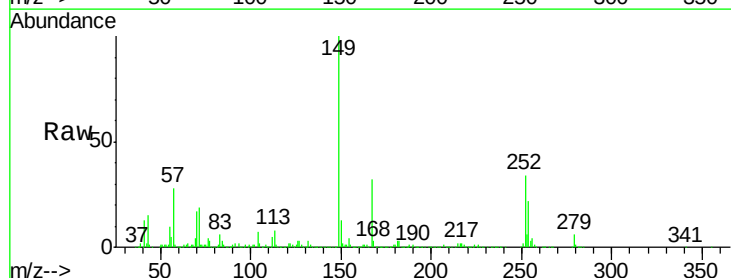
Instrument :
 BNA_G
 ClientSampleId :
 789UMR-DSP01-01MSD

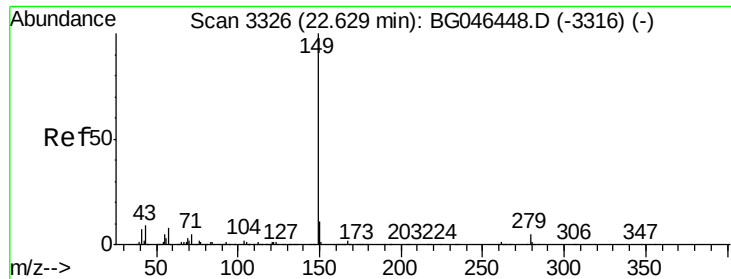
Tot Ion:228 Resp: 1480258
 Ion Ratio Lower Upper
 228 100
 226 34.0 26.2 39.4
 229 23.2 17.9 26.9



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 49.044 ng
 RT: 21.46 min Scan# 3126
 Delta R.T. 0.00 min
 Lab File: BG046509.D
 Acq: 2 Sep 2020 18:52

Tgt Ion:149 Resp: 877872
 Ion Ratio Lower Upper
 149 100
 167 32.0 25.4 38.2
 279 5.7 4.5 6.7

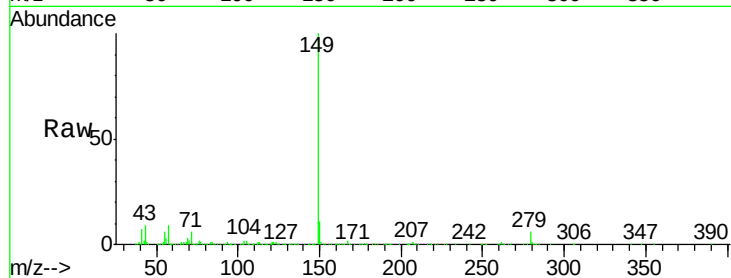




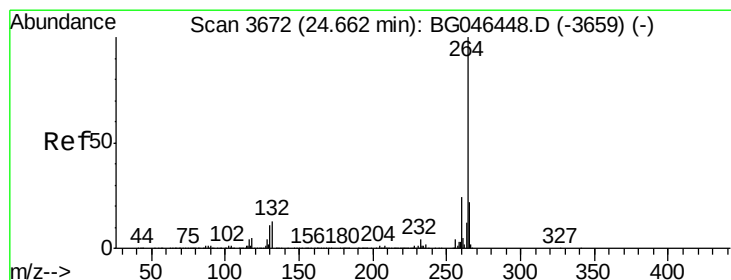
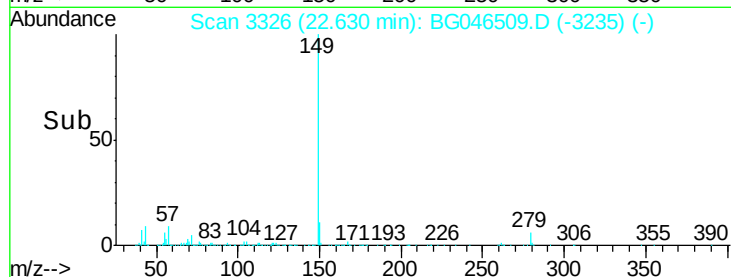
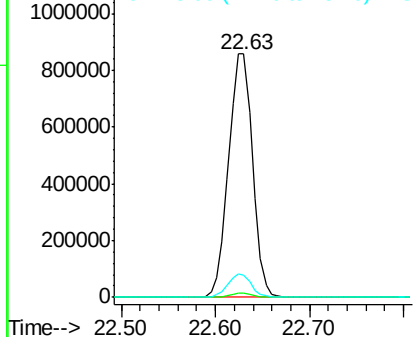
#85
Di-n-octyl phthalate
Concen: 49.355 ng
RT: 22.63 min Scan# 3326
Delta R.T. 0.01 min
Lab File: BG046509.D
Acq: 2 Sep 2020 18:52

Instrument :
BNA_G
ClientSampleId :
789UMR-DSP01-01MSD

Tot Ion:149 Resp: 1512695
Ion Ratio Lower Upper
149 100
167 1.9 1.5 2.3
43 9.2 7.0 10.4

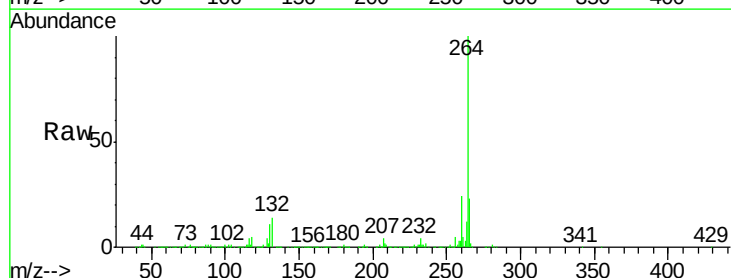


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): B

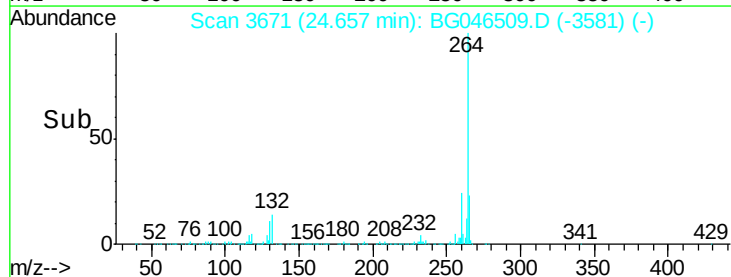
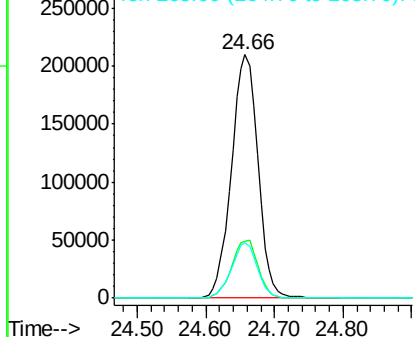


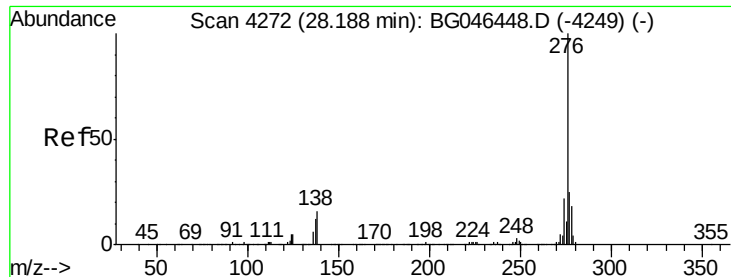
#86
Perylene-d12
Concen: 20.000 ng
RT: 24.66 min Scan# 3671
Delta R.T. 0.00 min
Lab File: BG046509.D
Acq: 2 Sep 2020 18:52

Tgt Ion:264 Resp: 562898
Ion Ratio Lower Upper
264 100
260 23.6 19.2 28.8
265 23.0 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

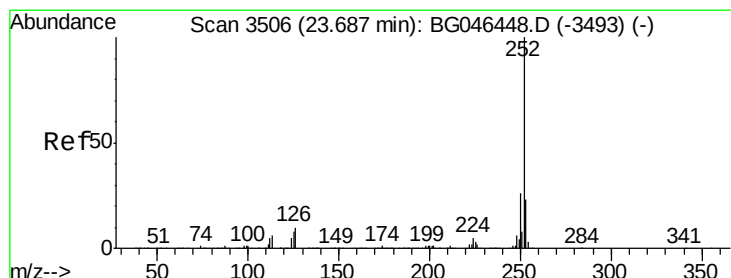
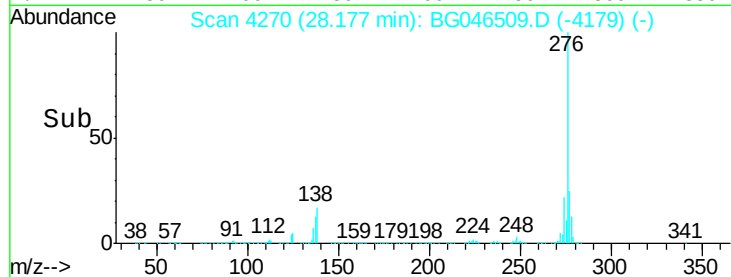
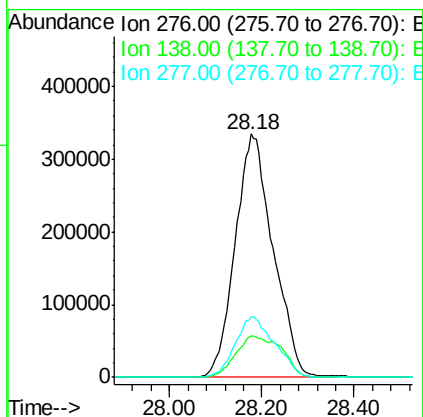
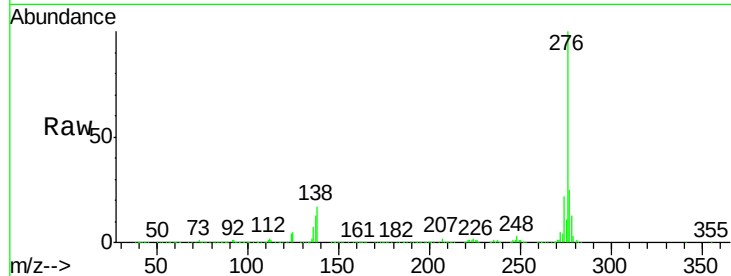




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 47.316 ng
 RT: 28.18 min Scan# 4270
 Delta R.T. 0.01 min
 Lab File: BG046509.D
 Acq: 2 Sep 2020 18:52

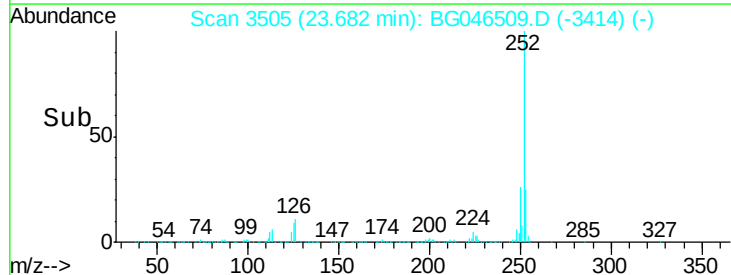
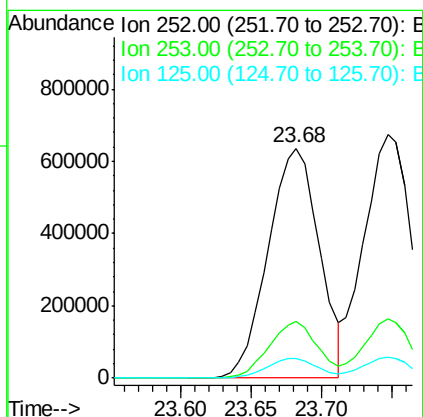
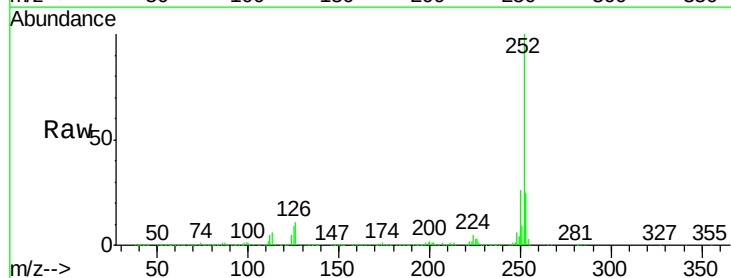
Instrument :
 BNA_G
 ClientSampleId :
 789UMR-DSP01-01MSD

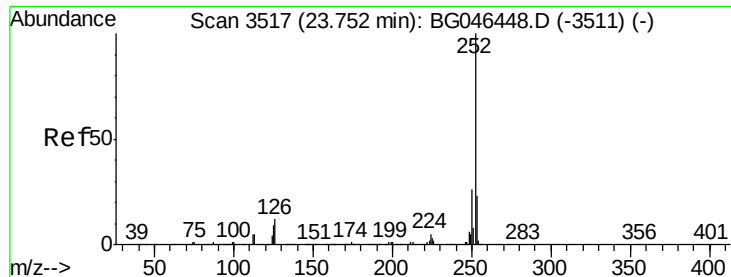
Tot Ion:276 Resp: 1912922
 Ion Ratio Lower Upper
 276 100
 138 20.6 16.5 24.7
 277 26.0 20.7 31.1



#88
 Benzo(b)fluoranthene
 Concen: 45.790 ng
 RT: 23.68 min Scan# 3505
 Delta R.T. 0.01 min
 Lab File: BG046509.D
 Acq: 2 Sep 2020 18:52

Tgt Ion:252 Resp: 1609414
 Ion Ratio Lower Upper
 252 100
 253 24.8 18.2 27.4
 125 8.7 6.2 9.2





#89

Benzo(k)fluoranthene

Concen: 46.547 ng

RT: 23.75 min Scan# 3516

Delta R.T. 0.00 min

Lab File: BG046509.D

Acq: 2 Sep 2020 18:52

Instrument :

BNA_G

ClientSampleId :

789UMR-DSP01-01MSD

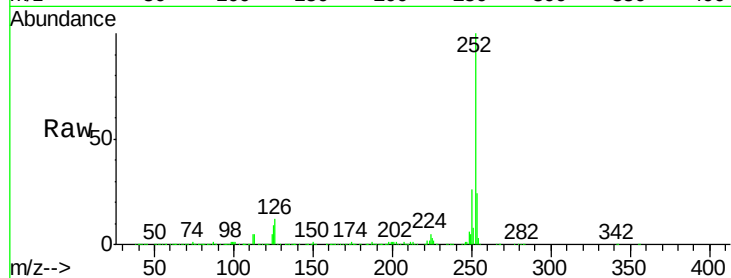
Tot Ion:252 Resp: 1581155

Ion Ratio Lower Upper

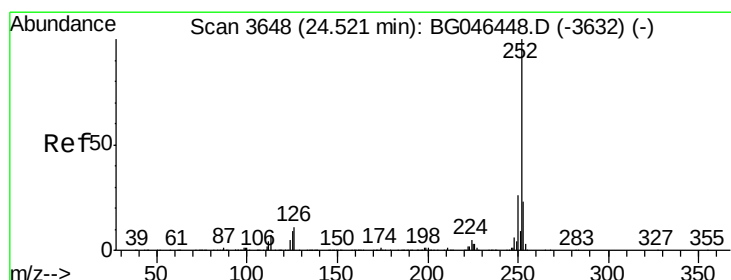
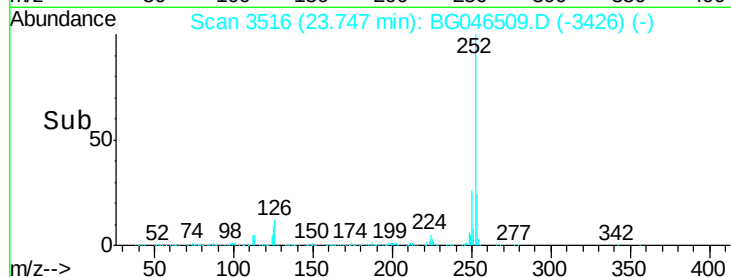
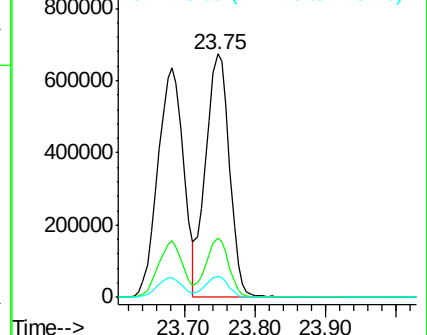
252 100

253 24.3 18.5 27.7

125 8.6 6.8 10.2



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 45.182 ng

RT: 24.52 min Scan# 3647

Delta R.T. 0.01 min

Lab File: BG046509.D

Acq: 2 Sep 2020 18:52

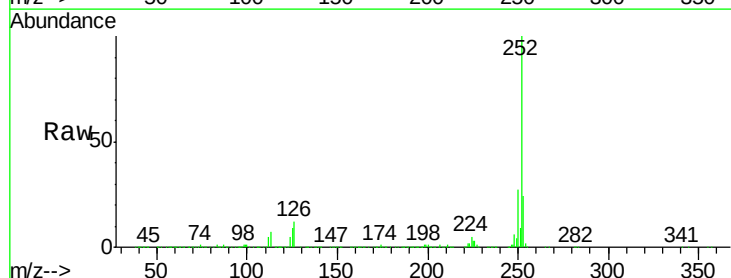
Tgt Ion:252 Resp: 1482021

Ion Ratio Lower Upper

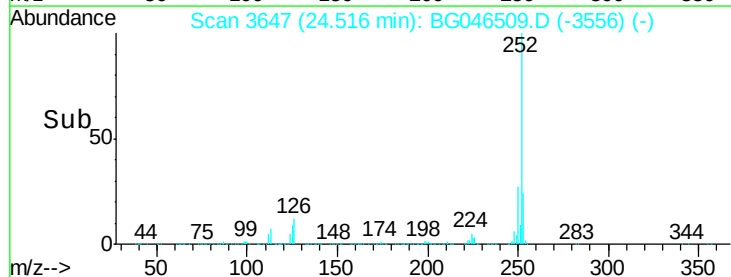
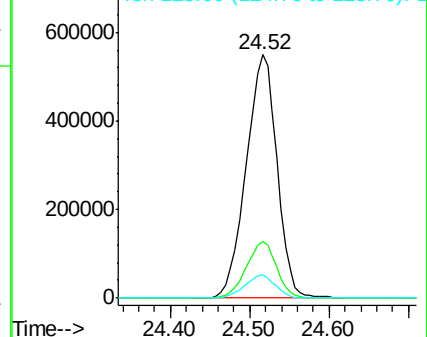
252 100

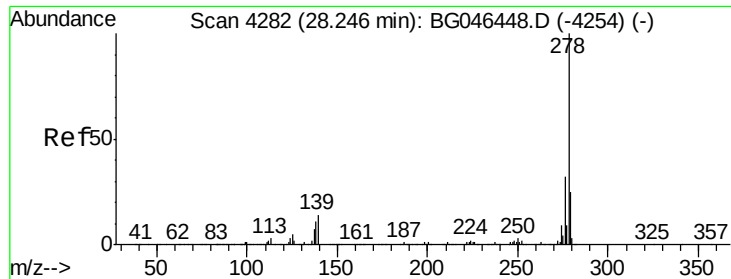
253 23.5 18.2 27.4

125 9.5 7.4 11.0



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



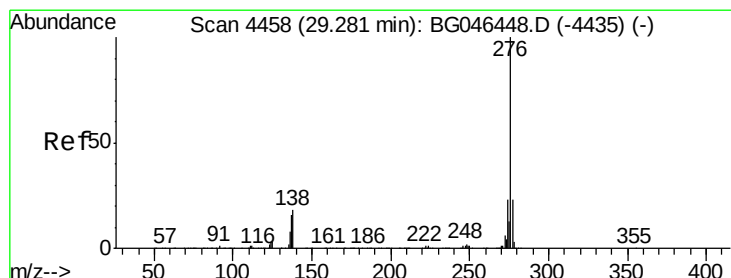
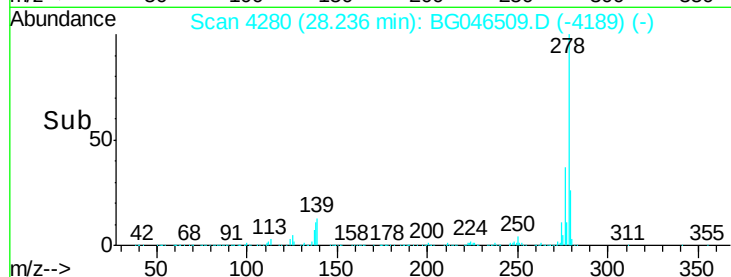
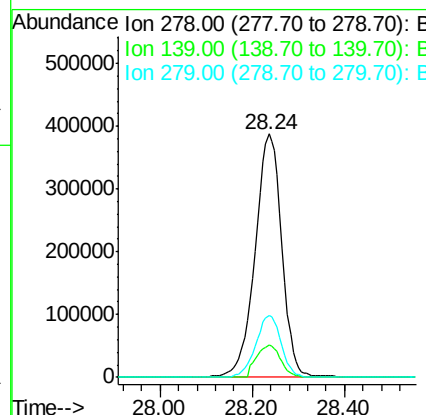
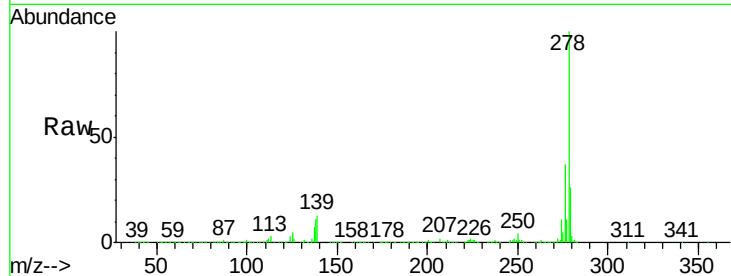


#91
Dibenzo(a,h)anthracene
Concen: 47.690 ng
RT: 28.24 min Scan# 4280
Delta R.T. 0.01 min
Lab File: BG046509.D
Acq: 2 Sep 2020 18:52

Instrument :
BNA_G
ClientSampleId :
789UMR-DSP01-01MSD

Tot Ion:278 Resp: 1555865

Ion	Ratio	Lower	Upper
278	100		
139	13.3	11.2	16.8
279	25.7	19.8	29.8



#92
Benzo(g,h,i)perylene
Concen: 48.903 ng
RT: 29.28 min Scan# 4458
Delta R.T. 0.01 min
Lab File: BG046509.D
Acq: 2 Sep 2020 18:52

Tgt Ion:276 Resp: 1593190

Ion	Ratio	Lower	Upper
276	100		
277	24.1	18.7	28.1
138	18.0	14.7	22.1

