

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG090220\
 Data File : BG046508.D
 Acq On : 2 Sep 2020 18:11
 Operator : CG/JU
 Sample : L3837-02MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

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

Quant Time: Sep 02 18:46:56 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	60214	20.00	ng	0.00
21) Naphthalene-d8	10.73	136	268701	20.00	ng	0.00
39) Acenaphthene-d10	14.56	164	215632	20.00	ng	0.00
64) Phenanthrene-d10	17.31	188	548833	20.00	ng	0.00
76) Chrysene-d12	21.56	240	512583	20.00	ng	0.00
86) Perylene-d12	24.66	264	554800	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.52	112	402430	118.37	ng	0.00
7) Phenol-d6	7.10	99	506220	105.04	ng	0.00
23) Nitrobenzene-d5	9.08	82	403550	85.84	ng	0.00
42) 2,4,6-Tribromophenol	16.05	330	344672	117.97	ng	0.00
45) 2-Fluorobiphenyl	13.19	172	1105926	78.29	ng	0.00
79) Terphenyl-d14	19.92	244	1873981	77.81	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.43	88	45901	32.453	ng	# 91
3) Pyridine	3.83	79	137671	33.268	ng	97
4) n-Nitrosodimethylamine	3.73	42	69549	45.568	ng	# 96
6) Aniline	7.26	93	136058	25.088	ng	98
8) 2-Chlorophenol	7.50	128	190647	53.059	ng	100
9) Benzaldehyde	7.07	77	122916	45.523	ng	94
10) Phenol	7.13	94	207032	46.641	ng	96
11) bis(2-Chloroethyl)ether	7.35	93	176346	49.424	ng	99
12) 1,3-Dichlorobenzene	7.82	146	177876	38.992	ng	99
13) 1,4-Dichlorobenzene	7.97	146	182165	39.887	ng	100
14) 1,2-Dichlorobenzene	8.28	146	178496	40.761	ng	98
15) Benzyl Alcohol	8.17	79	178661	57.742	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.46	45	267008	48.245	ng	99
17) 2-Methylphenol	8.38	107	171881	54.600	ng	98
18) Hexachloroethane	9.01	117	58687	37.899	ng	97
19) n-Nitroso-di-n-propylamine	8.74	70	156567	54.312	ng	97
20) 3+4-Methylphenols	8.71	107	236035	54.322	ng	99
22) Acetophenone	8.75	105	292782	44.763	ng	# 99
24) Nitrobenzene	9.13	77	217137	46.751	ng	98
25) Isophorone	9.65	82	450983	52.323	ng	99
26) 2-Nitrophenol	9.84	139	117505	47.951	ng	97
27) 2,4-Dimethylphenol	9.91	122	200057	59.357	ng	98
28) bis(2-Chloroethoxy)methane	10.14	93	265426	47.844	ng	99
29) 2,4-Dichlorophenol	10.38	162	230602	51.324	ng	98
30) 1,2,4-Trichlorobenzene	10.59	180	214124	40.166	ng	98
31) Naphthalene	10.78	128	580711	44.263	ng	100
32) Benzoic acid	10.05	122	84889	37.129	ng	98
33) 4-Chloroaniline	10.89	127	32873	5.682	ng	96
34) Hexachlorobutadiene	11.08	225	128677	37.183	ng	98
35) Caprolactam	11.66	113	46385	27.618	ng	99
36) 4-Chloro-3-methylphenol	12.02	107	252721	57.509	ng	97
37) 2-Methylnaphthalene	12.39	142	491972	47.547	ng	98
38) 1-Methylnaphthalene	12.61	142	469039	47.855	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.76	216	298287	41.949	ng	99

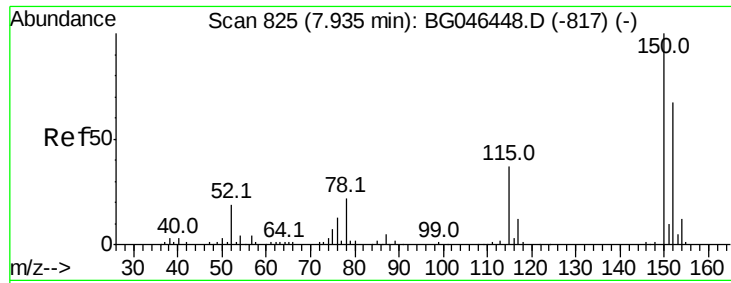
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG090220\
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 QLast Update : Wed Sep 02 15:06:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.74	237	261975	84.729	ng	99
43) 2,4,6-Trichlorophenol	13.00	196	228804	47.682	ng	99
44) 2,4,5-Trichlorophenol	13.07	196	251257	49.836	ng	97
46) 1,1'-Biphenyl	13.40	154	690468	46.024	ng	98
47) 2-Chloronaphthalene	13.44	162	540037	42.456	ng	100
48) 2-Nitroaniline	13.64	65	172068	48.716	ng	98
49) Acenaphthylene	14.28	152	888654	46.056	ng	100
50) Dimethylphthalate	14.02	163	875809	52.499	ng	99
51) 2,6-Dinitrotoluene	14.14	165	183880	50.003	ng	98
52) Acenaphthene	14.63	154	546990	45.747	ng	99
53) 3-Nitroaniline	14.47	138	63114	15.844	ng	99
54) 2,4-Dinitrophenol	14.68	184	180779	84.220	ng	98
55) Dibenzofuran	14.97	168	894907	46.637	ng	99
56) 4-Nitrophenol	14.79	139	263246	89.797	ng	96
57) 2,4-Dinitrotoluene	14.93	165	266777	50.878	ng	98
58) Fluorene	15.61	166	784358	48.702	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.19	232	245793	50.204	ng	99
60) Diethylphthalate	15.39	149	799083	49.129	ng	99
61) 4-Chlorophenyl-phenylether	15.61	204	420984	47.463	ng	98
62) 4-Nitroaniline	15.63	138	184867	43.984	ng	96
63) Azobenzene	15.89	77	671596	50.760	ng	98
65) 4,6-Dinitro-2-methylphenol	15.69	198	163063	52.492	ng	99
66) n-Nitrosodiphenylamine	15.82	169	722906	48.824	ng	100
67) 4-Bromophenyl-phenylether	16.50	248	301420	47.074	ng	98
68) Hexachlorobenzene	16.62	284	318386	44.898	ng	98
69) Atrazine	16.77	200	232776	38.537	ng	98
70) Pentachlorophenol	16.96	266	361406	97.544	ng	100
71) Phenanthrene	17.35	178	1272530	45.744	ng	98
72) Anthracene	17.44	178	1311587	47.787	ng	98
73) Carbazole	17.71	167	1191644	45.984	ng	99
74) Di-n-butylphthalate	18.27	149	1355790	45.498	ng	99
75) Fluoranthene	19.36	202	1559024	43.548	ng	99
77) Benzidine	19.54	184	313322	26.306	ng	99
78) Pyrene	19.72	202	1553427	47.592	ng	98
80) Butylbenzylphthalate	20.61	149	612319	48.094	ng	96
81) Benzo(a)anthracene	21.54	228	1491382	46.680	ng	99
82) 3,3'-Dichlorobenzidine	21.45	252	288533	24.335	ng	99
83) Chrysene	21.60	228	1453241	47.287	ng	98
84) Bis(2-ethylhexyl)phthalate	21.46	149	860716	49.538	ng	100
85) Di-n-octyl phthalate	22.63	149	1491986	50.150	ng	99
87) Indeno(1,2,3-cd)pyrene	28.18	276	1868367	46.889	ng	100
88) Benzo(b)fluoranthene	23.68	252	1603861	46.298	ng	98
89) Benzo(k)fluoranthene	23.75	252	1503340	44.902	ng	98
90) Benzo(a)pyrene	24.52	252	1450027	44.852	ng	100
91) Dibenzo(a,h)anthracene	28.24	278	1525263	47.434	ng	99
92) Benzo(g,h,i)perylene	29.28	276	1555785	48.452	ng	98

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

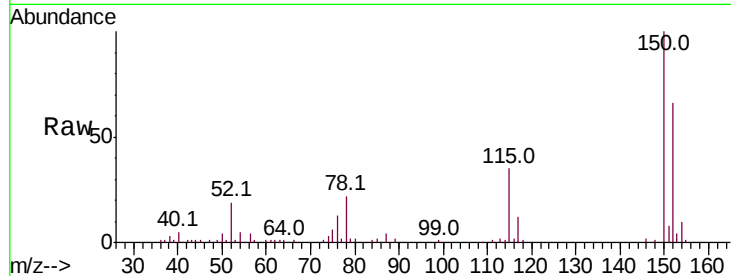


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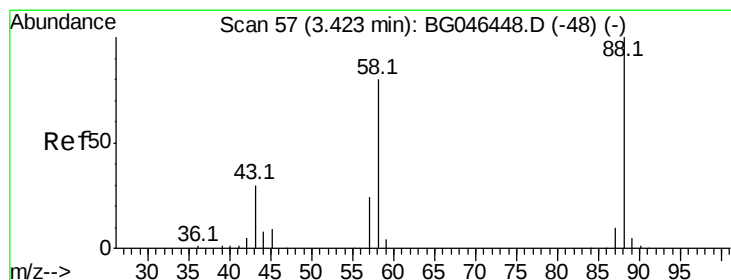
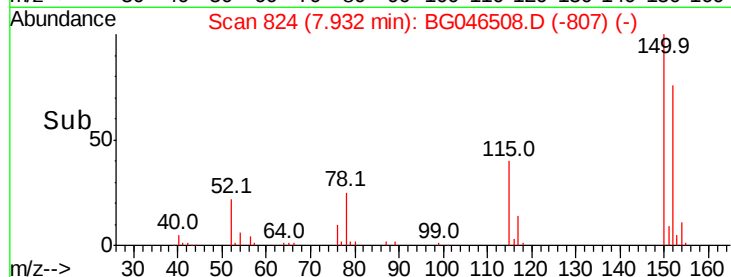
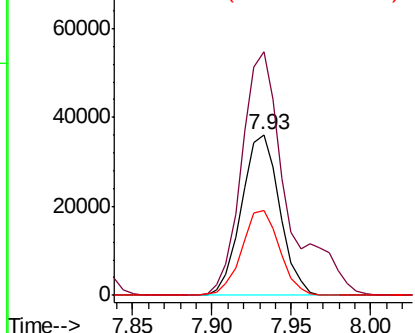
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.93 min Scan# 824
 Delta R.T. -0.00 min
 Lab File: BG046508.D
 Acq: 2 Sep 2020 18:11

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

Tot Ion:152 Resp: 60214
 Ion Ratio Lower Upper
 152 100
 150 151.8 119.5 179.3
 115 53.1 44.3 66.5



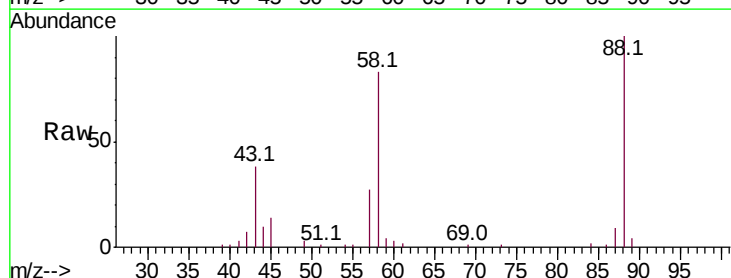
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



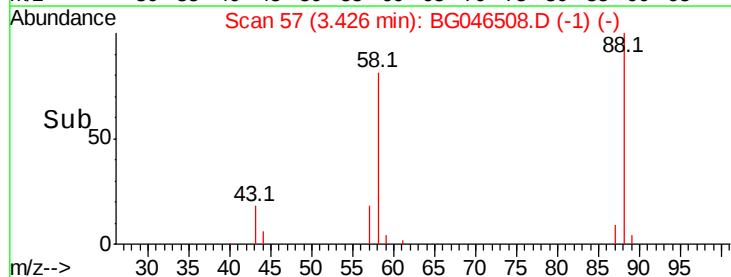
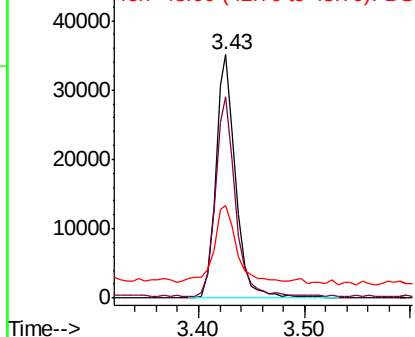
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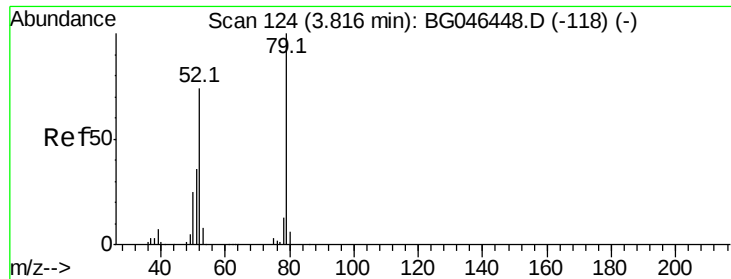
1,4-Dioxane
 Concen: 32.453 ng
 RT: 3.43 min Scan# 57
 Delta R.T. 0.00 min
 Lab File: BG046508.D
 Acq: 2 Sep 2020 18:11

Tgt Ion: 88 Resp: 45901
 Ion Ratio Lower Upper
 88 100
 58 82.5 61.4 92.2
 43 35.4 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: 33.268 ng

RT: 3.83 min Scan# 125

Delta R.T. 0.01 min

Lab File: BG046508.D

Acq: 2 Sep 2020 18:11

Instrument :

BNA_G

ClientSampleId :

789UMR-DSP01-01MS

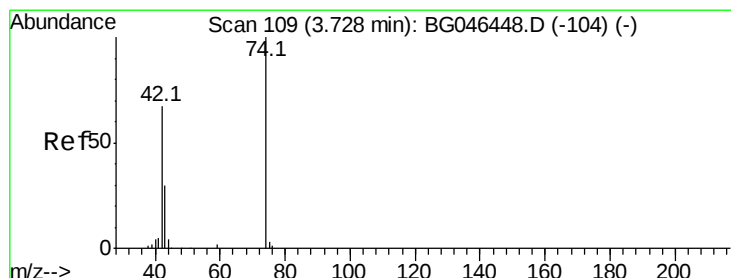
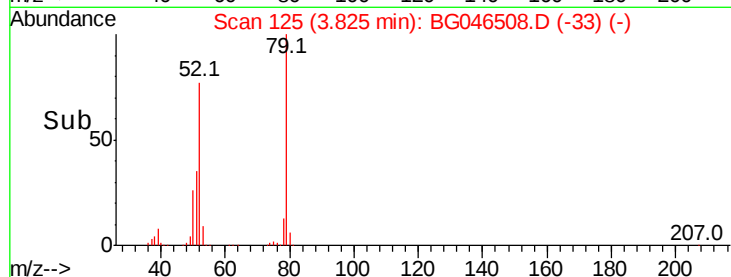
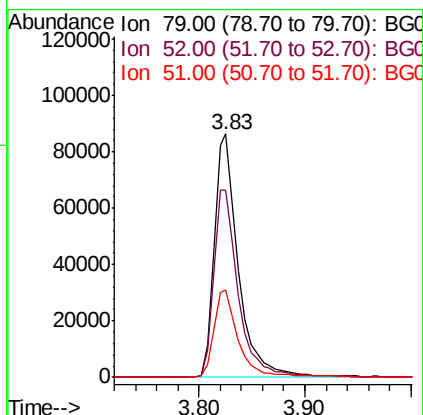
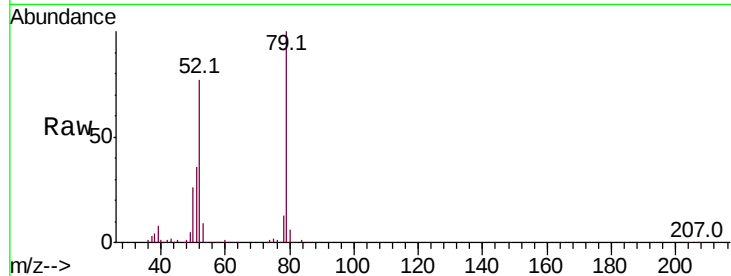
Tot Ion: 79 Resp: 137671

Ion Ratio Lower Upper

79 100

52 76.8 59.1 88.7

51 35.7 29.0 43.6



#4

n-Nitrosodimethylamine

Concen: 45.568 ng

RT: 3.73 min Scan# 108

Delta R.T. -0.00 min

Lab File: BG046508.D

Acq: 2 Sep 2020 18:11

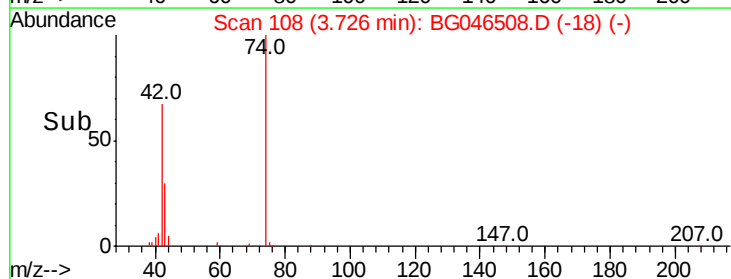
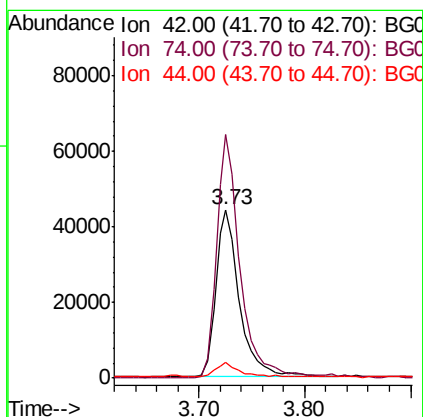
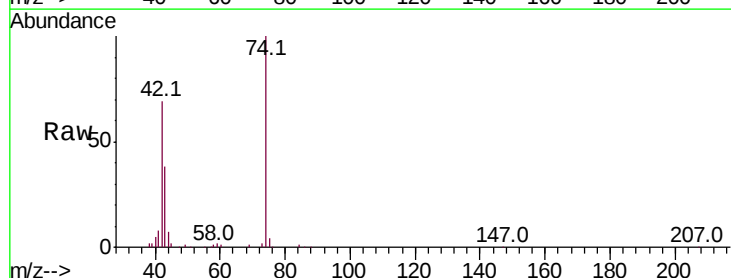
Tgt Ion: 42 Resp: 69549

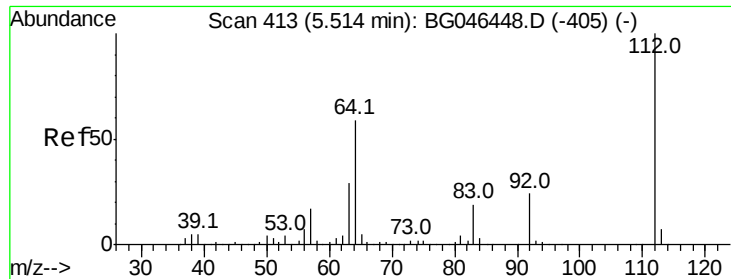
Ion Ratio Lower Upper

42 100

74 144.4 119.5 179.3

44 9.6 5.7 8.5#





#5

2-Fluorophenol

Concen: 118.374 ng

RT: 5.52 min Scan# 413

Delta R.T. 0.00 min

Lab File: BG046508.D

Acq: 2 Sep 2020 18:11

Instrument :

BNA_G

ClientSampleId :

789UMR-DSP01-01MS

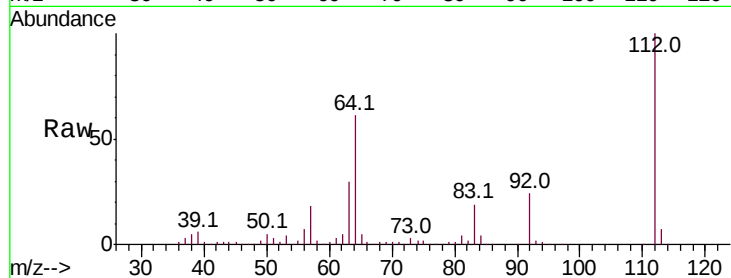
Tot Ion:112 Resp: 402430

Ion Ratio Lower Upper

112 100

64 60.6 47.0 70.6

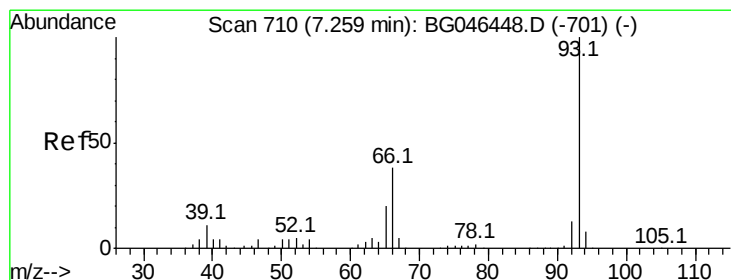
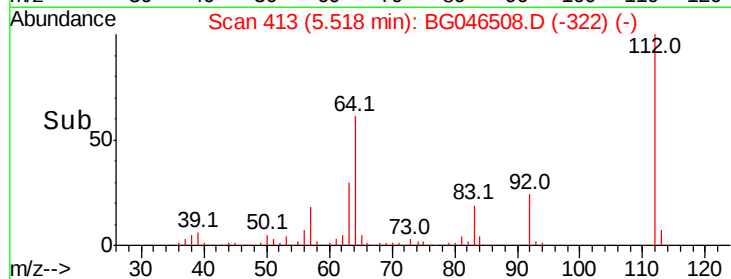
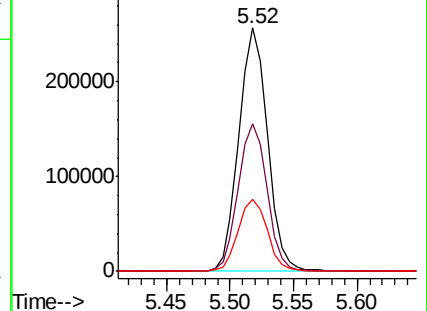
63 29.7 23.5 35.3



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 25.088 ng

RT: 7.26 min Scan# 709

Delta R.T. 0.00 min

Lab File: BG046508.D

Acq: 2 Sep 2020 18:11

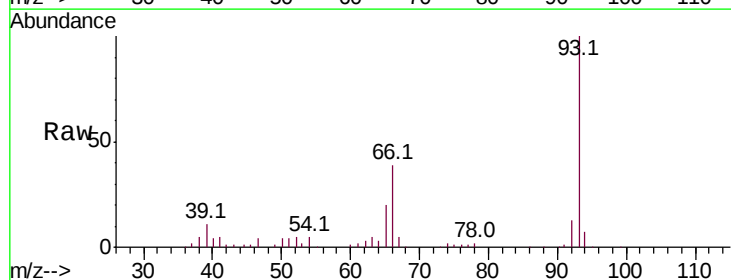
Tgt Ion: 93 Resp: 136058

Ion Ratio Lower Upper

93 100

66 39.2 30.4 45.6

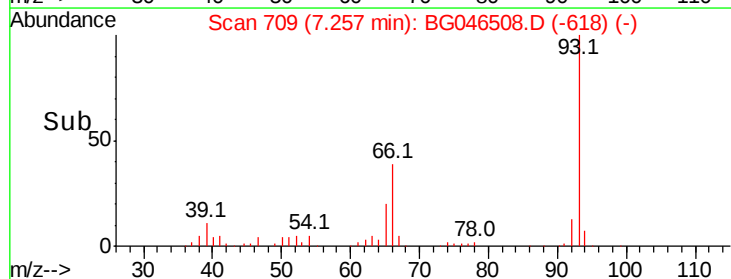
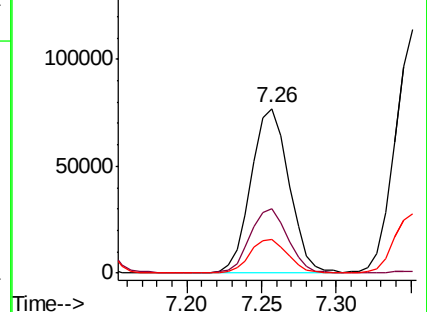
65 20.4 15.8 23.6

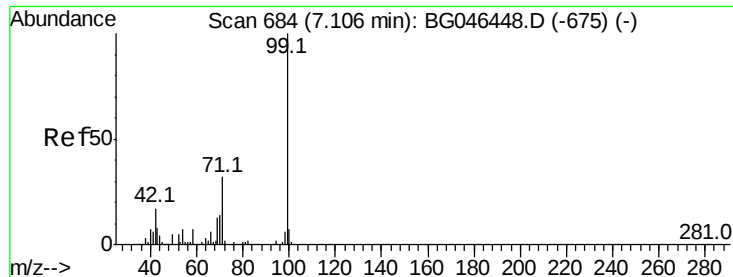


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 105.039 ng

RT: 7.10 min Scan# 683

Delta R.T. -0.00 min

Lab File: BG046508.D

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ClientSampleId :

789UMR-DSP01-01MS

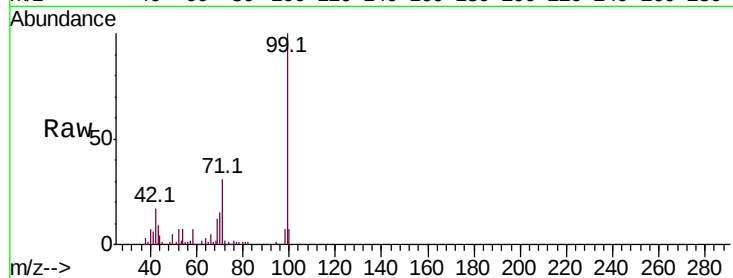
Tot Ion: 99 Resp: 506220

Ion Ratio Lower Upper

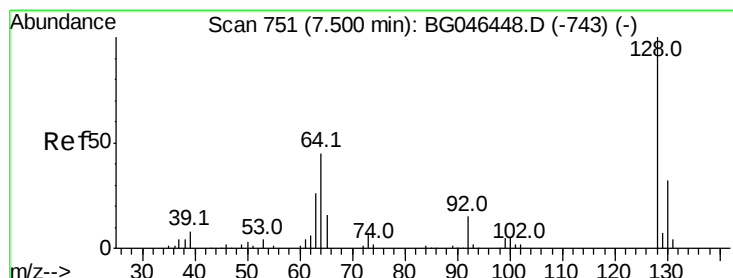
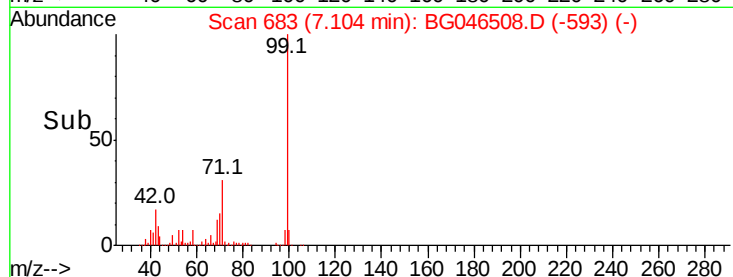
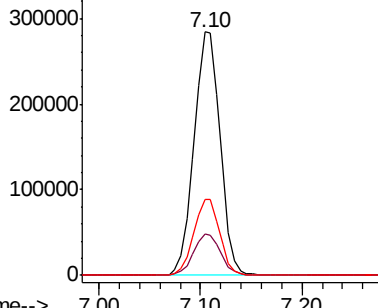
99 100

42 17.0 13.3 19.9

71 31.1 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: 53.059 ng

RT: 7.50 min Scan# 750

Delta R.T. -0.00 min

Lab File: BG046508.D

Acq: 2 Sep 2020 18:11

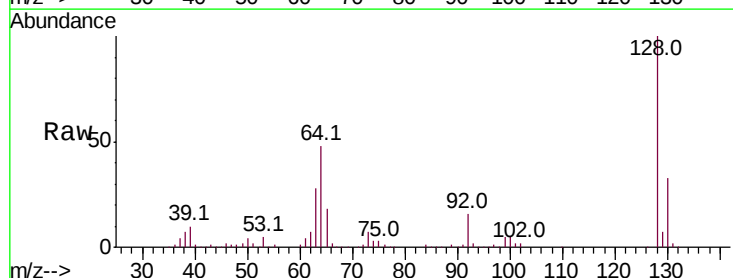
Tgt Ion: 128 Resp: 190647

Ion Ratio Lower Upper

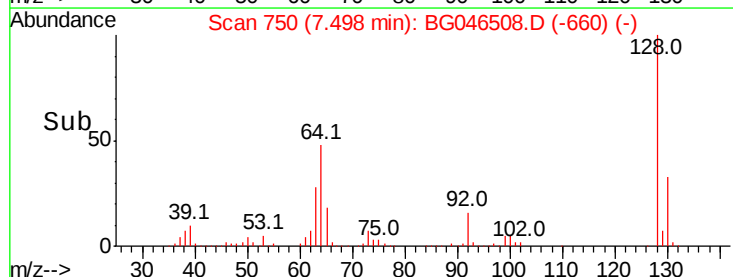
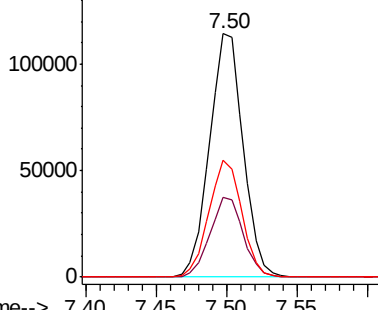
128 100

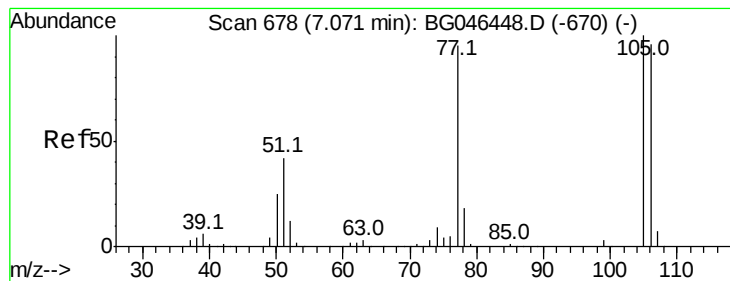
130 32.7 12.4 52.4

64 48.2 28.1 68.1



Abundance Ion 128.00 (127.70 to 128.70): BGC
Ion 130.00 (129.70 to 130.70): BGC
Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 45.523 ng

RT: 7.07 min Scan# 677

Delta R.T. 0.00 min

Lab File: BG046508.D

Acq: 2 Sep 2020 18:11

Instrument :

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ClientSampleId :

789UMR-DSP01-01MS

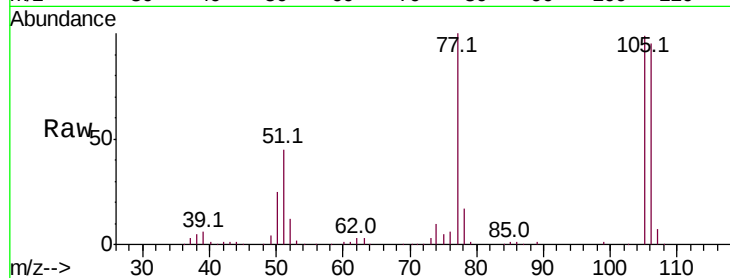
Tot Ion: 77 Resp: 122916

Ion Ratio Lower Upper

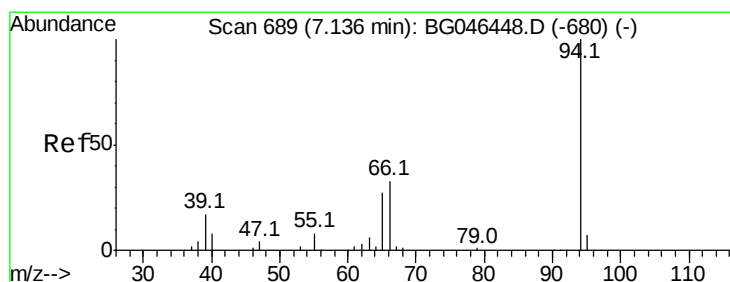
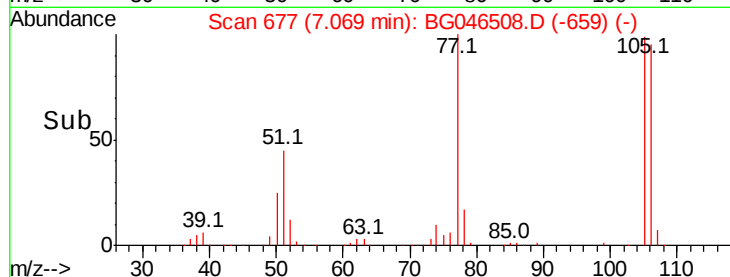
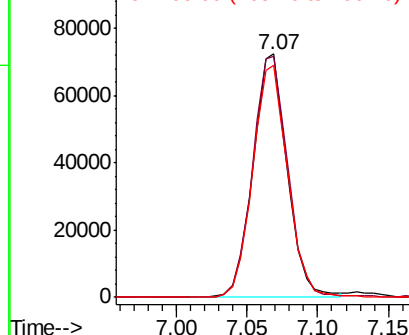
77 100

105 98.8 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: 46.641 ng

RT: 7.13 min Scan# 688

Delta R.T. 0.00 min

Lab File: BG046508.D

Acq: 2 Sep 2020 18:11

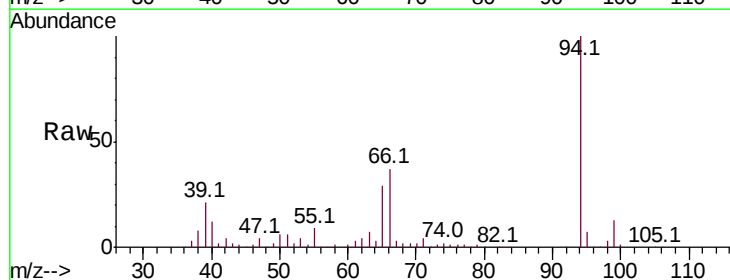
Tgt Ion: 94 Resp: 207032

Ion Ratio Lower Upper

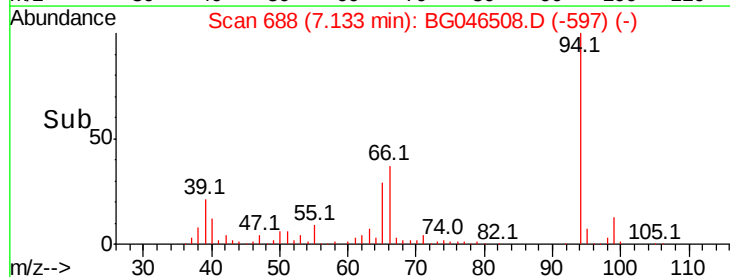
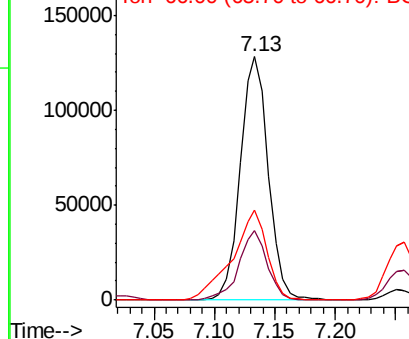
94 100

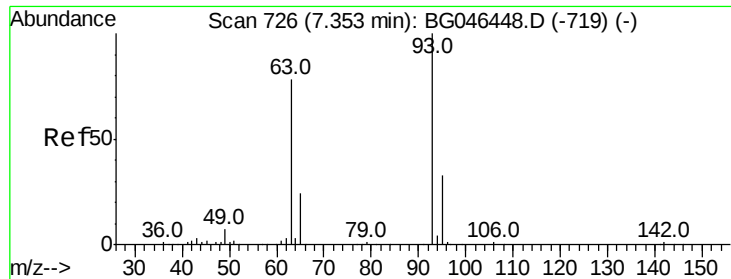
65 28.7 7.5 47.5

66 36.8 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

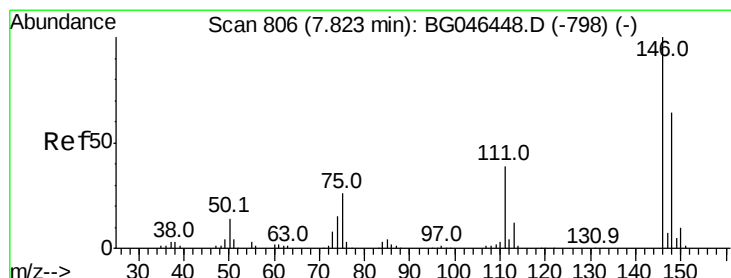
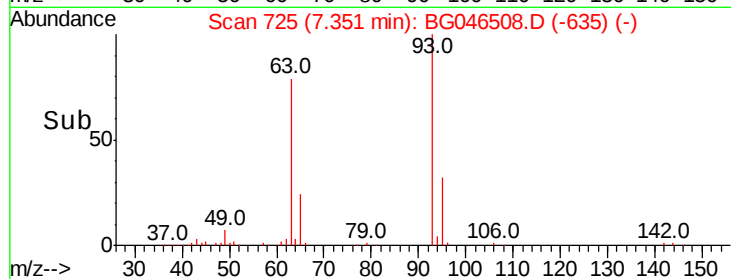
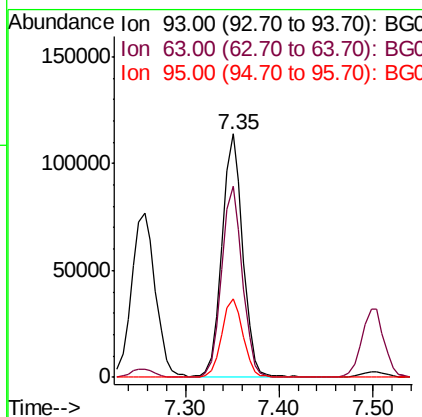
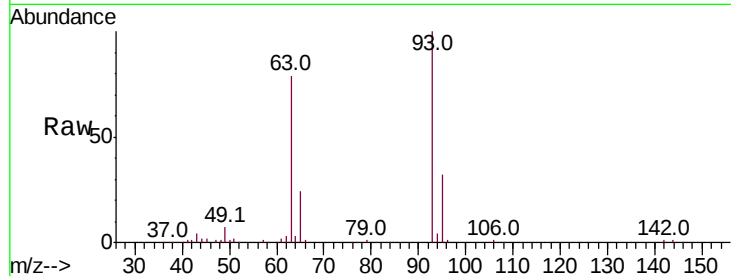




#11
bis(2-Chloroethyl)ether
Concen: 49.424 ng
RT: 7.35 min Scan# 725
Delta R.T. -0.00 min
Lab File: BG046508.D
Acq: 2 Sep 2020 18:11

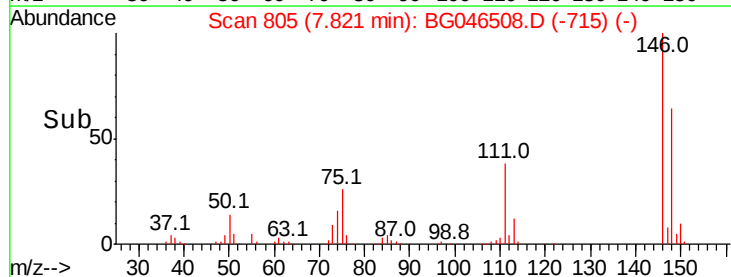
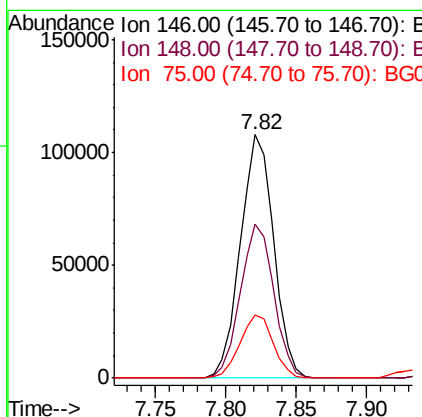
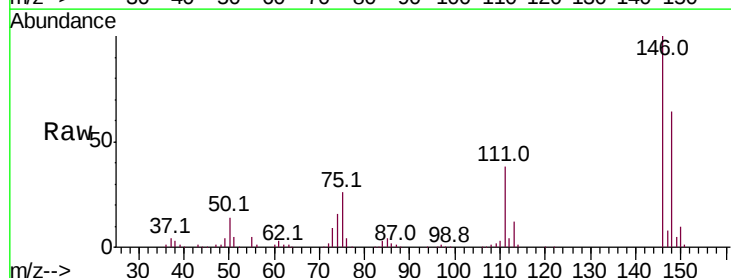
Instrument :
BNA_G
ClientSampleId :
789UMR-DSP01-01MS

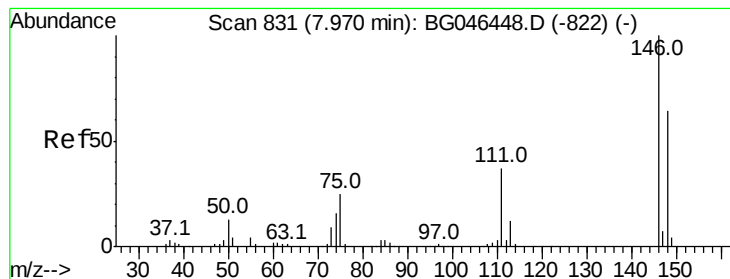
Tot Ion: 93 Resp: 176346
Ion Ratio Lower Upper
93 100
63 78.7 57.7 97.7
95 32.1 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 38.992 ng
RT: 7.82 min Scan# 805
Delta R.T. -0.00 min
Lab File: BG046508.D
Acq: 2 Sep 2020 18:11

Tgt Ion: 146 Resp: 177876
Ion Ratio Lower Upper
146 100
148 63.5 51.4 77.0
75 25.8 20.7 31.1





#13

1,4-Dichlorobenzene

Concen: 39.887 ng

RT: 7.97 min Scan# 830

Delta R.T. -0.00 min

Lab File: BG046508.D

Acq: 2 Sep 2020 18:11

Instrument :

BNA_G

ClientSampleId :

789UMR-DSP01-01MS

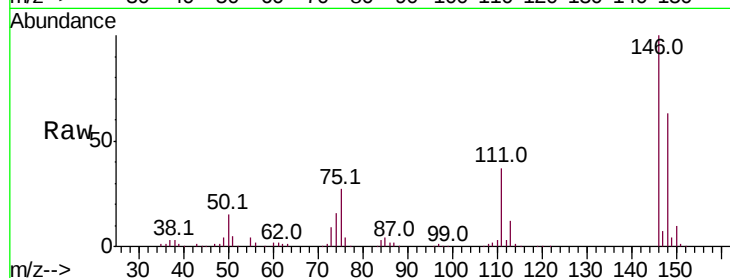
Tot Ion:146 Resp: 182165

Ion Ratio Lower Upper

146 100

148 63.4 50.9 76.3

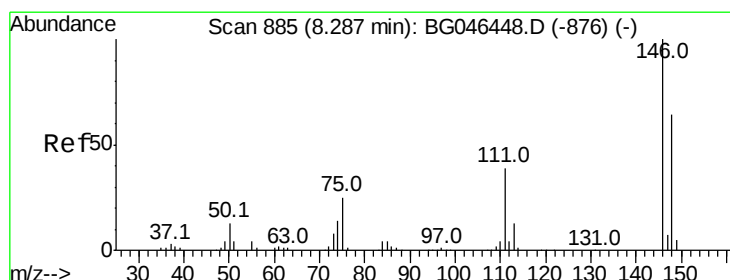
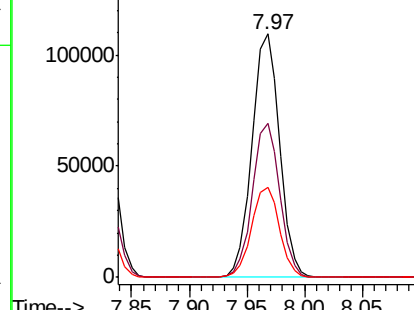
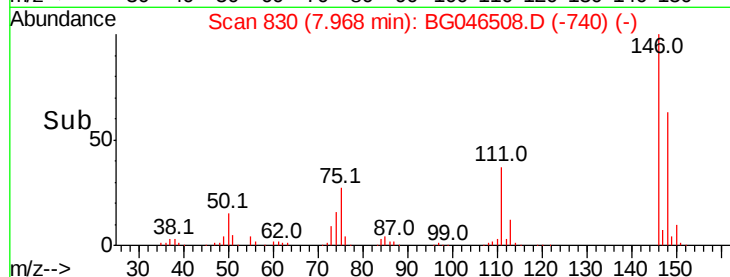
111 36.8 29.8 44.6



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 40.761 ng

RT: 8.28 min Scan# 884

Delta R.T. -0.00 min

Lab File: BG046508.D

Acq: 2 Sep 2020 18:11

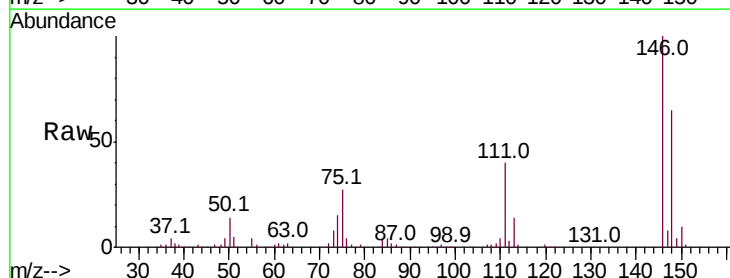
Tgt Ion:146 Resp: 178496

Ion Ratio Lower Upper

146 100

148 65.5 51.4 77.0

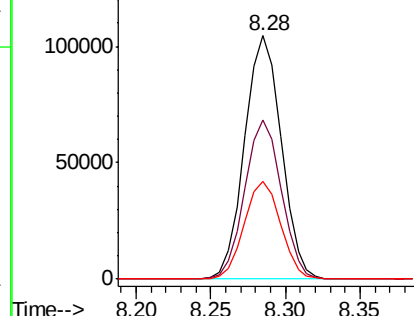
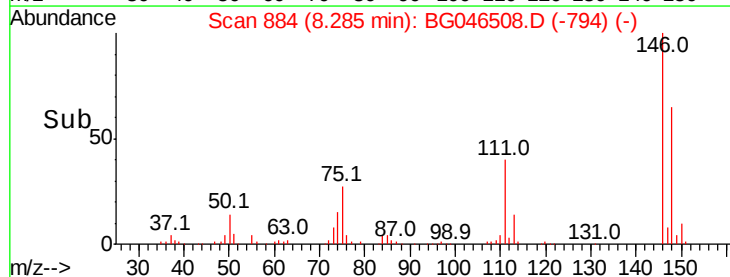
111 40.3 31.4 47.2

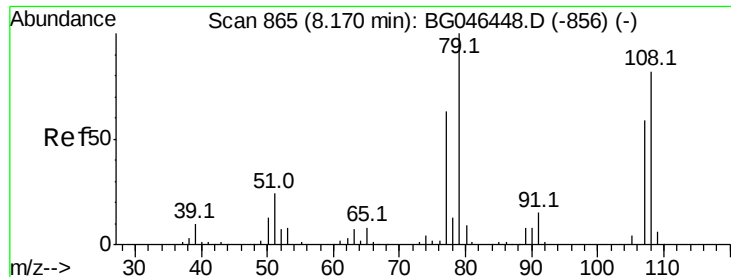


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

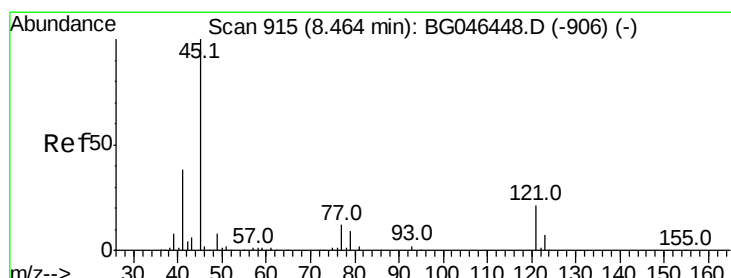
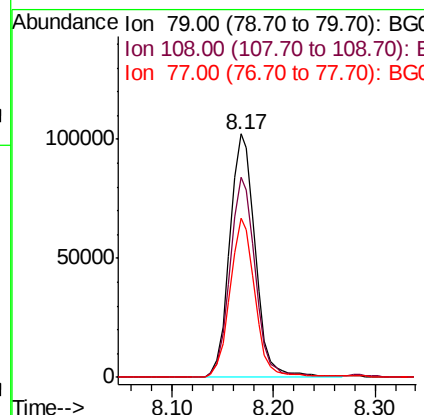
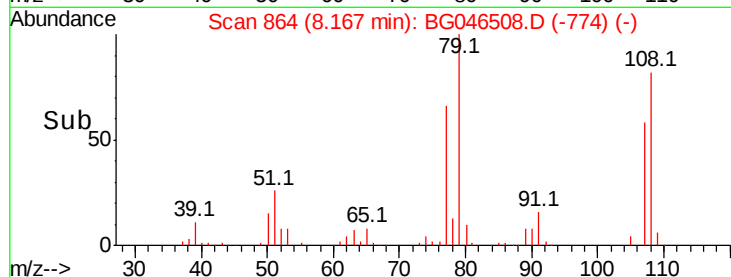
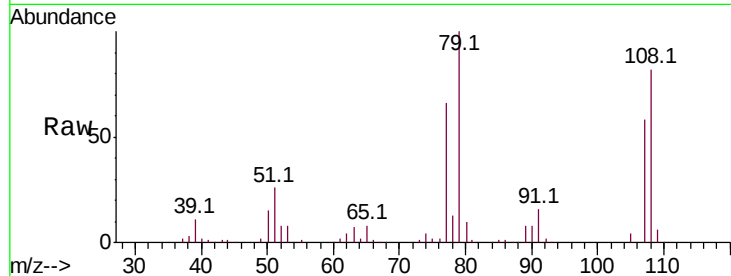




#15
Benzyl Alcohol
Concen: 57.742 ng
RT: 8.17 min Scan# 864
Delta R.T. -0.00 min
Lab File: BG046508.D
Acq: 2 Sep 2020 18:11

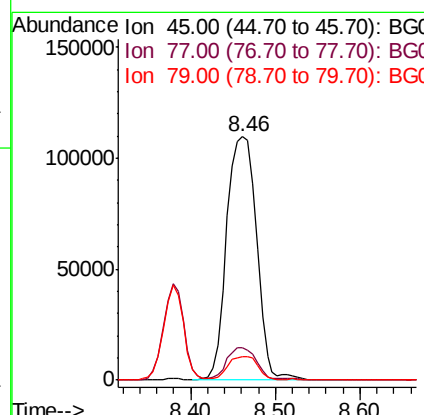
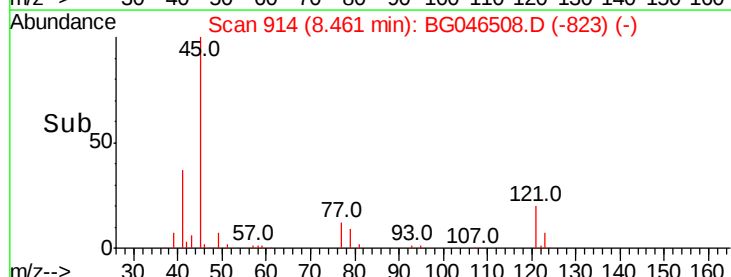
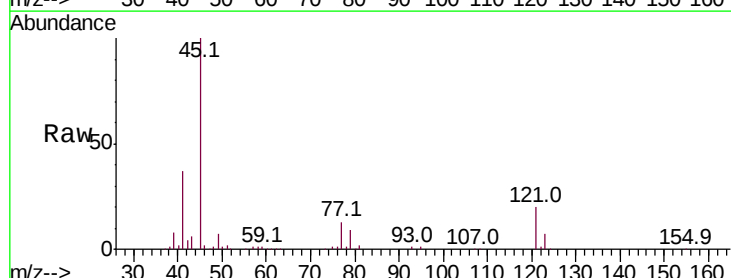
Instrument :
BNA_G
ClientSampleId :
789UMR-DSP01-01MS

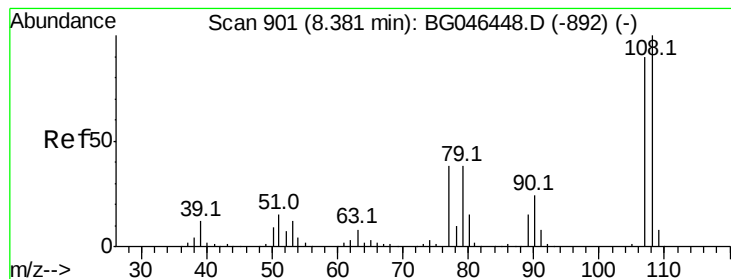
Tot Ion: 79 Resp: 178661
Ion Ratio Lower Upper
79 100
108 82.2 65.7 98.5
77 65.6 50.3 75.5



#16
2,2'-oxybis(1-chloropropane)
Concen: 48.245 ng
RT: 8.46 min Scan# 914
Delta R.T. 0.00 min
Lab File: BG046508.D
Acq: 2 Sep 2020 18:11

Tgt Ion: 45 Resp: 267008
Ion Ratio Lower Upper
45 100
77 13.1 0.0 33.2
79 9.4 0.0 30.3





#17

2-Methylphenol

Concen: 54.600 ng

RT: 8.38 min Scan# 900

Delta R.T. 0.00 min

Lab File: BG046508.D

Acq: 2 Sep 2020 18:11

Instrument :

BNA_G

ClientSampleId :

789UMR-DSP01-01MS

Tot Ion:107 Resp: 171881

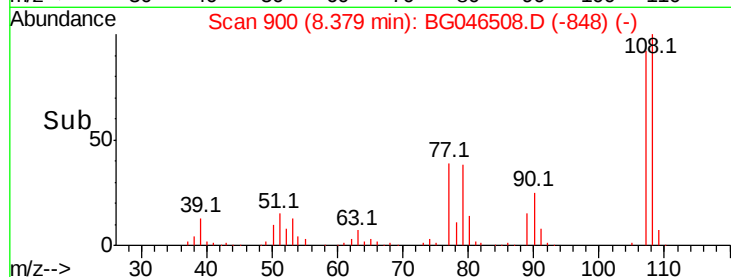
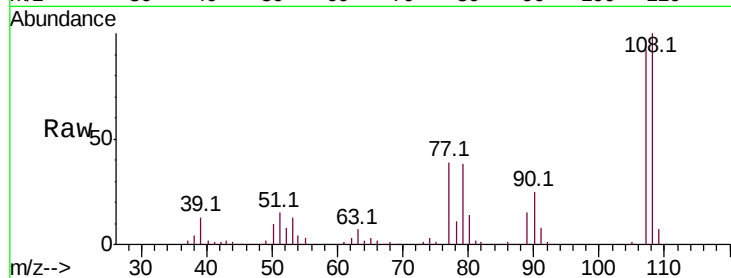
Ion Ratio Lower Upper

107 100

108 109.1 89.4 134.0

77 42.3 34.5 51.7

79 41.7 33.8 50.6

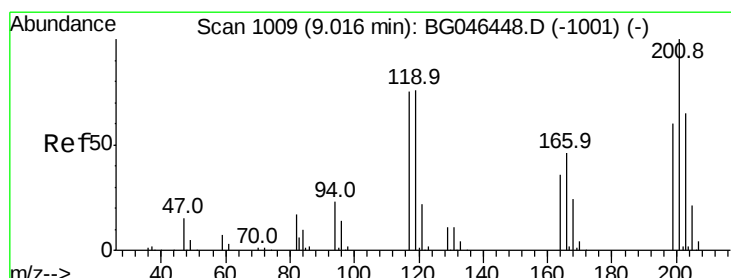
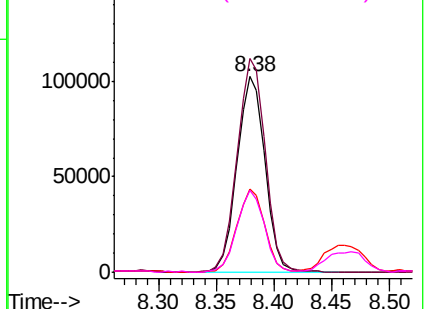


Abundance Ion 107.00 (106.70 to 107.70): E

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: 37.899 ng

RT: 9.01 min Scan# 1008

Delta R.T. -0.00 min

Lab File: BG046508.D

Acq: 2 Sep 2020 18:11

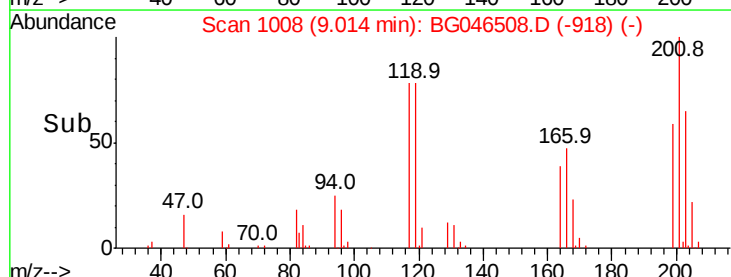
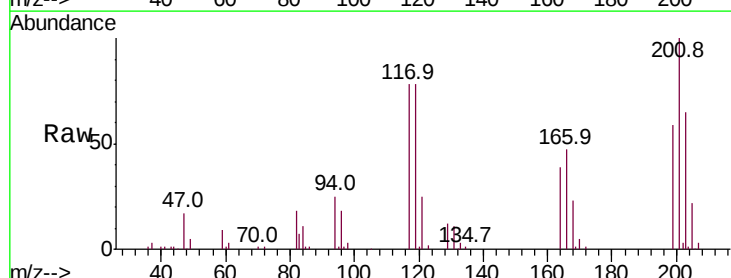
Tgt Ion:117 Resp: 58687

Ion Ratio Lower Upper

117 100

119 100.2 80.8 121.2

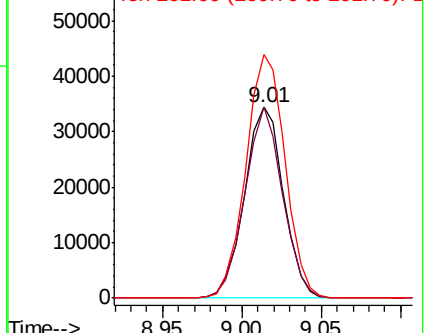
201 127.7 106.7 160.1

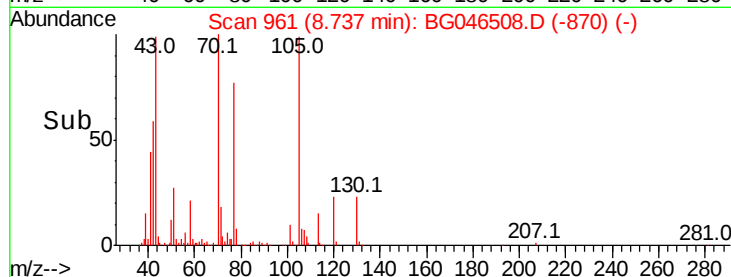
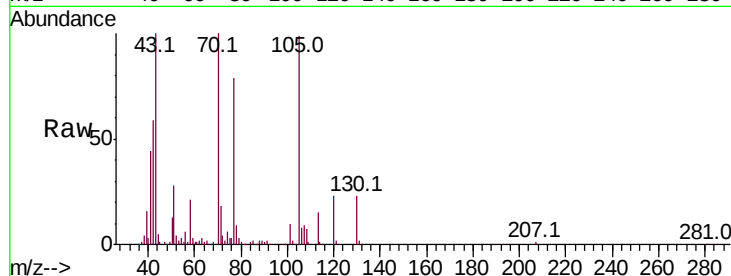
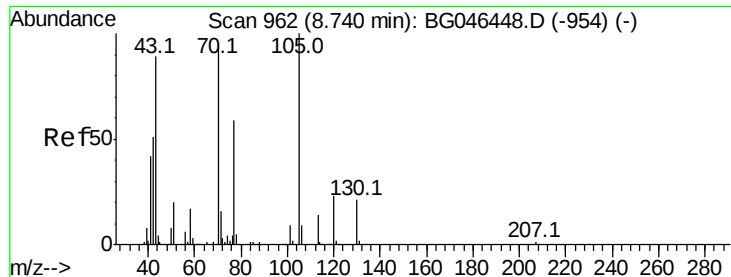


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

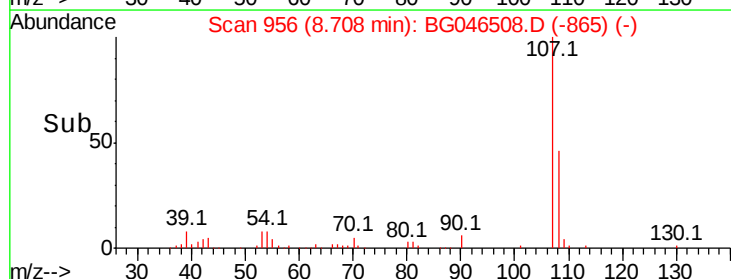
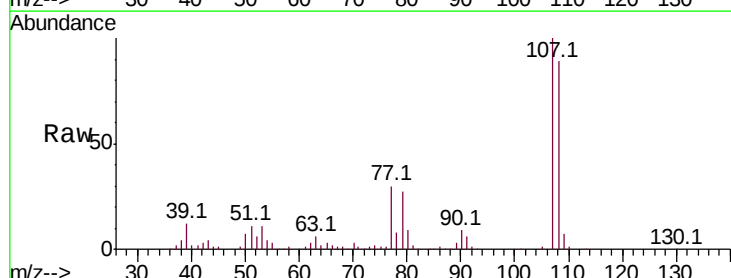
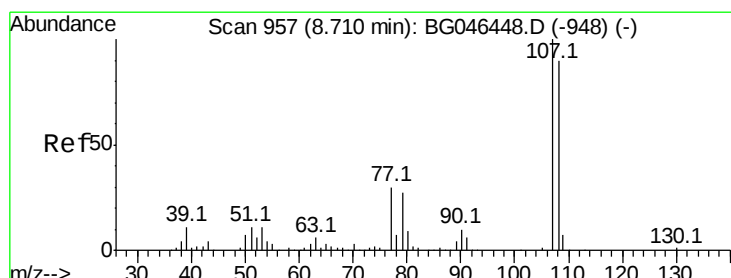
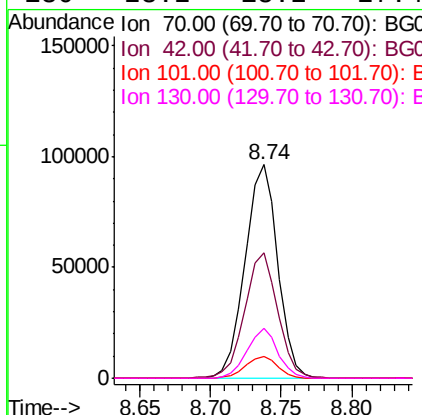




#19
n-Nitroso-di-n-propylamine
Concen: 54.312 ng
RT: 8.74 min Scan# 961
Delta R.T. 0.00 min
Lab File: BG046508.D
Acq: 2 Sep 2020 18:11

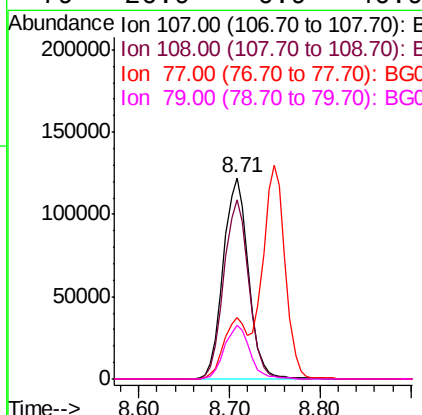
Instrument :
BNA_G
ClientSampleId :
789UMR-DSP01-01MS

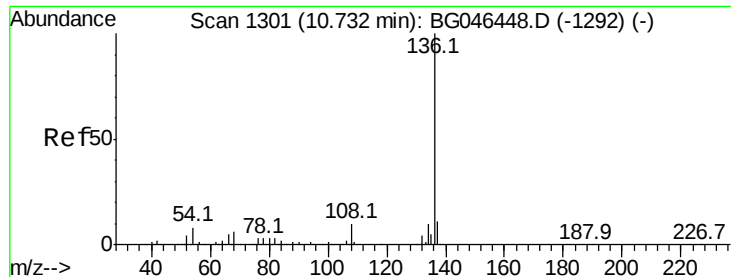
Tot Ion:	70	Resp:	156567
Ion	Ratio	Lower	Upper
70	100		
42	58.8	44.2	66.2
101	10.3	7.8	11.8
130	23.2	18.2	27.4



#20
3+4-Methylphenols
Concen: 54.322 ng
RT: 8.71 min Scan# 956
Delta R.T. 0.00 min
Lab File: BG046508.D
Acq: 2 Sep 2020 18:11

Tgt Ion:	107	Resp:	236035
Ion	Ratio	Lower	Upper
107	100		
108	89.0	69.7	109.7
77	30.5	9.7	49.7
79	26.9	6.9	46.9

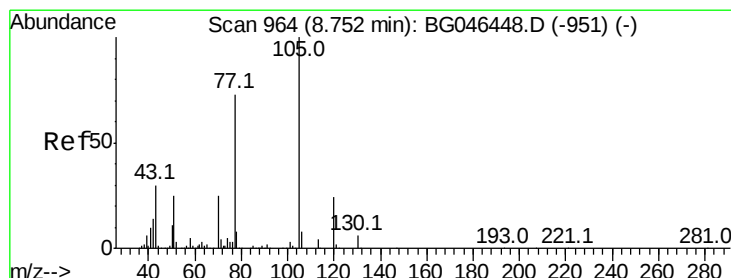
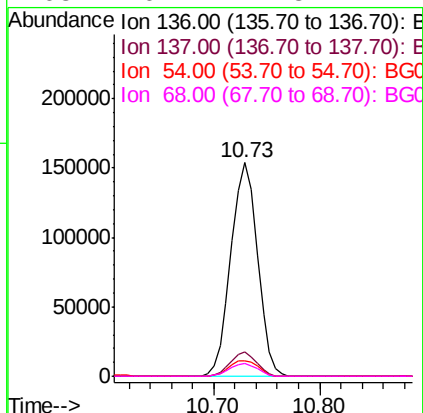
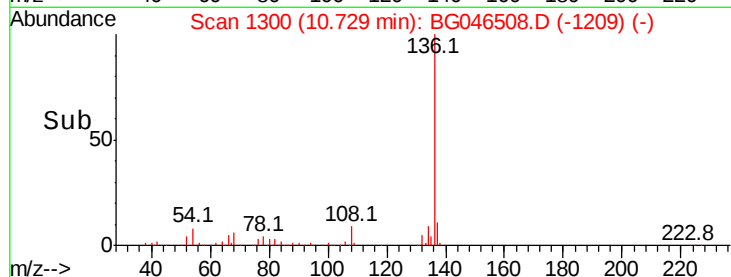
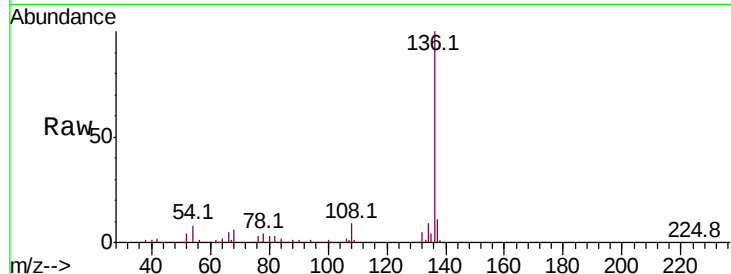




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.73 min Scan# 1300
Delta R.T. 0.00 min
Lab File: BG046508.D
Acq: 2 Sep 2020 18:11

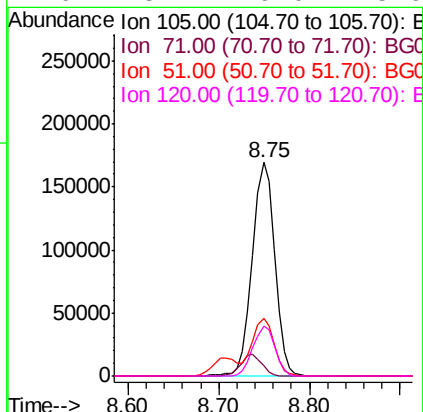
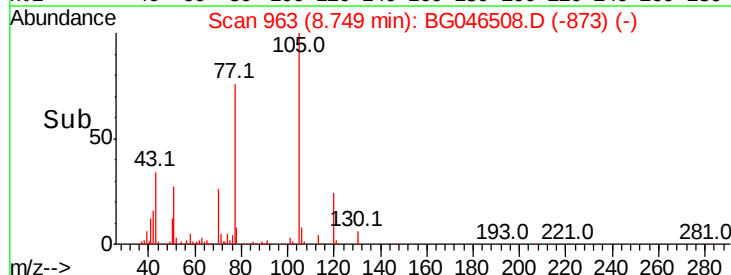
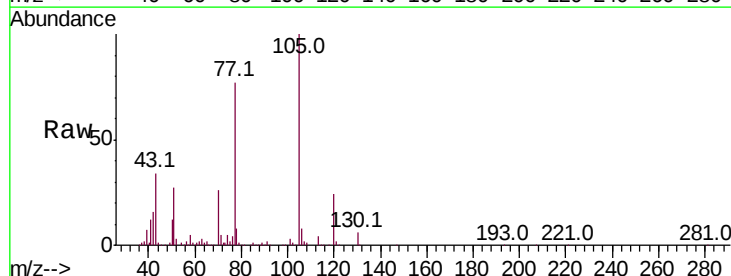
Instrument :
BNA_G
ClientSampleId :
789UMR-DSP01-01MS

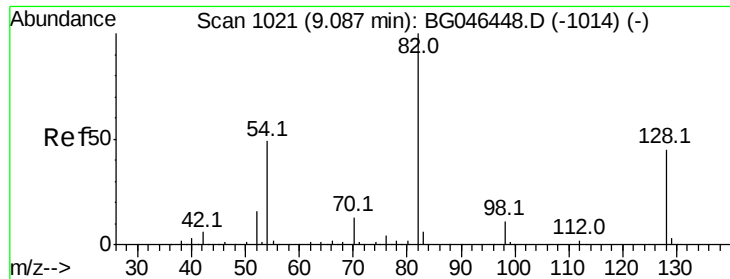
Tot Ion:136	Resp:	268701
Ion	Ratio	Lower Upper
136	100	
137	11.4	8.8 13.2
54	7.5	6.1 9.1
68	6.2	4.8 7.2



#22
Acetophenone
Concen: 44.763 ng
RT: 8.75 min Scan# 963
Delta R.T. -0.00 min
Lab File: BG046508.D
Acq: 2 Sep 2020 18:11

Tgt Ion:105	Resp:	292782
Ion	Ratio	Lower Upper
105	100	
71	4.9	3.3 4.9#
51	27.0	20.6 31.0
120	23.7	19.0 28.6

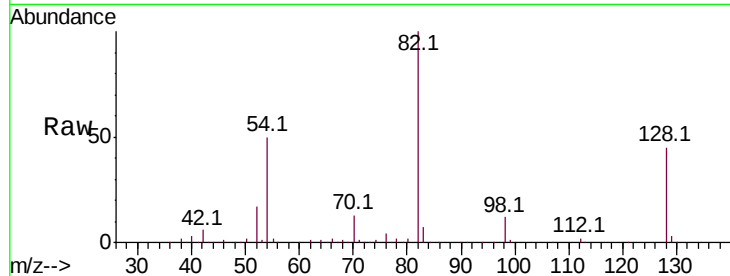




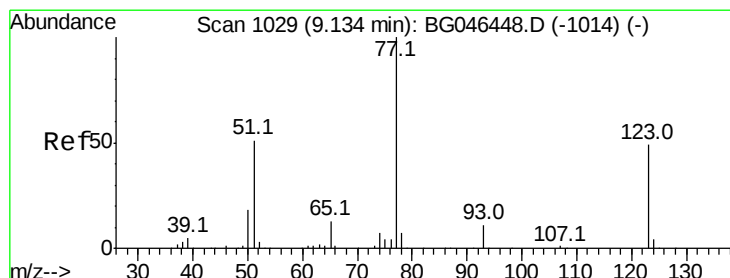
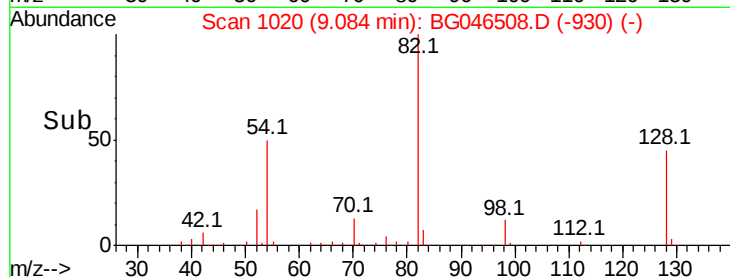
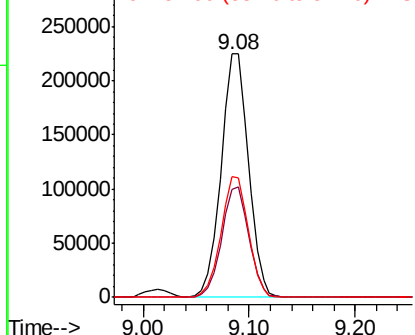
#23
Nitrobenzene-d5
Concen: 85.839 ng
RT: 9.08 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BG046508.D
Acq: 2 Sep 2020 18:11

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

Tot Ion	82	Resp	403550
Ion Ratio	Lower	Upper	
82	100		
128	44.6	35.7	53.5
54	49.5	39.4	59.0

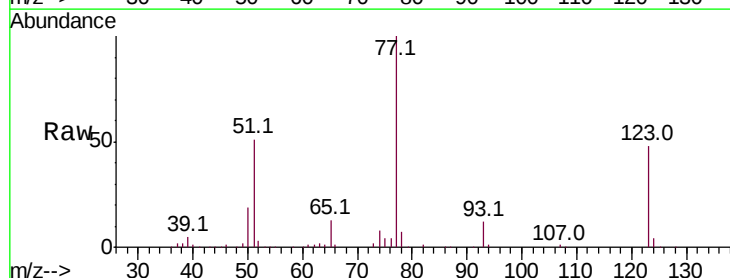


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

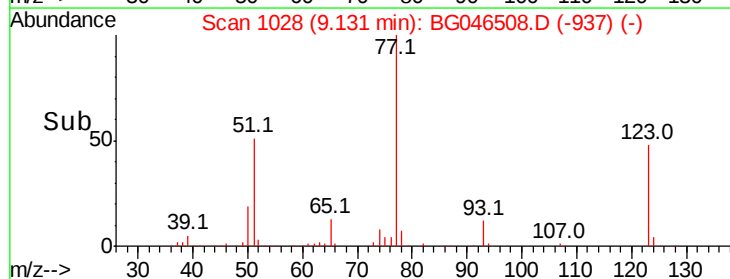
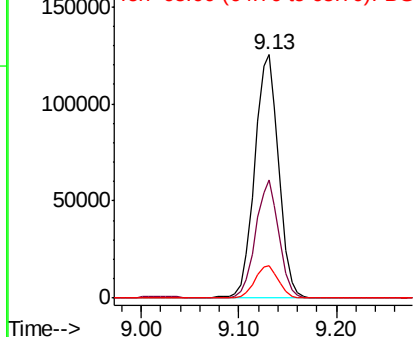


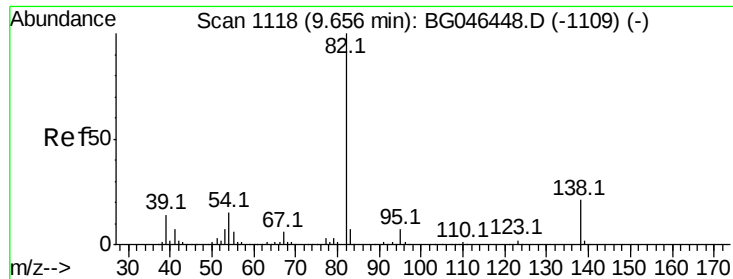
#24
Nitrobenzene
Concen: 46.751 ng
RT: 9.13 min Scan# 1028
Delta R.T. 0.00 min
Lab File: BG046508.D
Acq: 2 Sep 2020 18:11

Tgt Ion	77	Resp	217137
Ion Ratio	Lower	Upper	
77	100		
123	48.3	39.6	59.4
65	13.4	10.1	15.1



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 123.00 (122.70 to 123.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#25

Isophorone

Concen: 52.323 ng

RT: 9.65 min Scan# 1117

Delta R.T. 0.00 min

Lab File: BG046508.D

Acq: 2 Sep 2020 18:11

Instrument :

BNA_G

ClientSampleId :

789UMR-DSP01-01MS

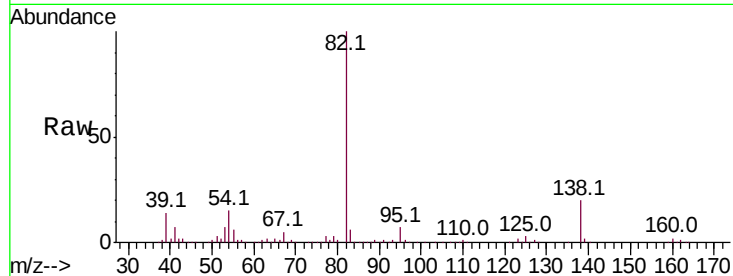
Tot Ion: 82 Resp: 450983

Ion Ratio Lower Upper

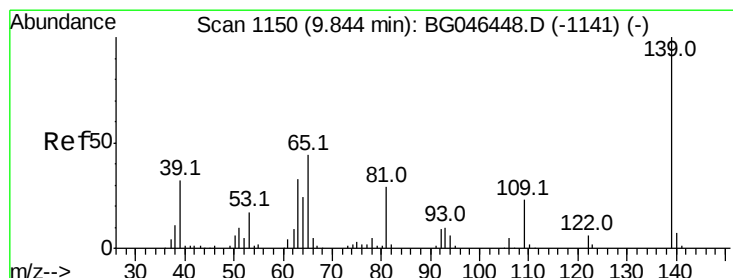
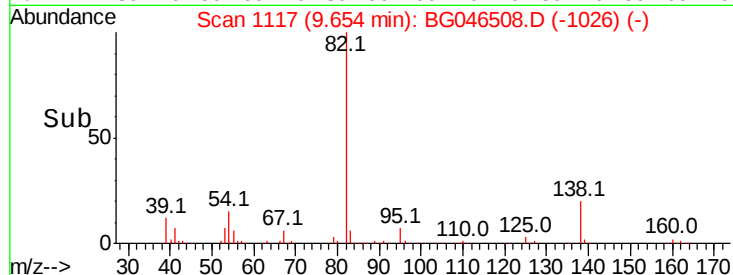
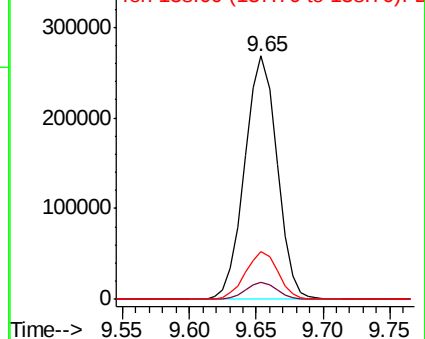
82 100

95 7.1 5.8 8.6

138 19.7 16.4 24.6



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



#26

2-Nitrophenol

Concen: 47.951 ng

RT: 9.84 min Scan# 1149

Delta R.T. 0.00 min

Lab File: BG046508.D

Acq: 2 Sep 2020 18:11

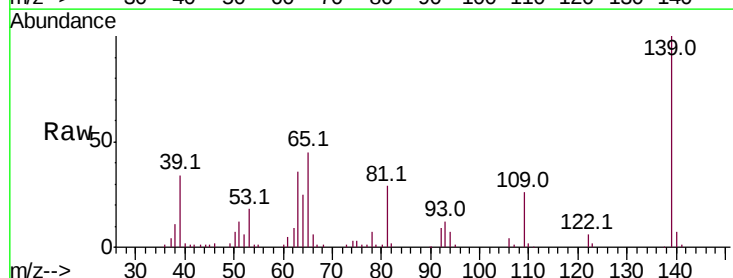
Tgt Ion:139 Resp: 117505

Ion Ratio Lower Upper

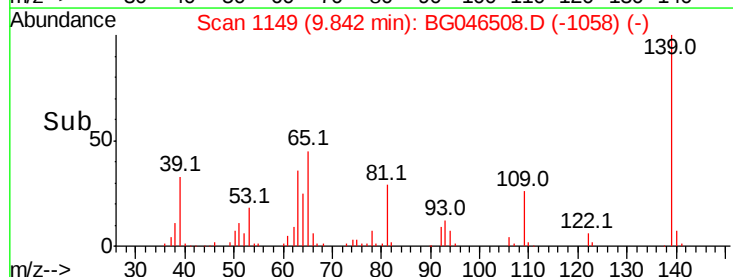
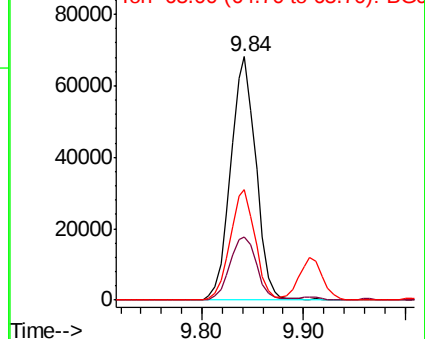
139 100

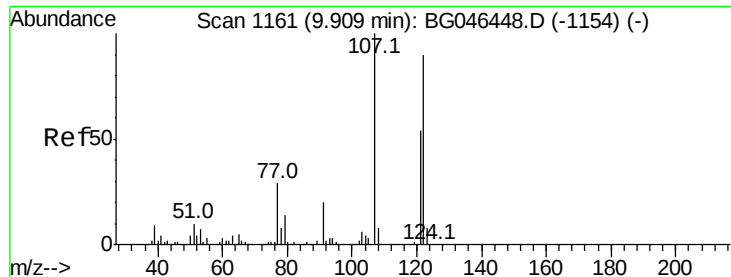
109 26.1 18.8 28.2

65 45.3 35.0 52.6



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

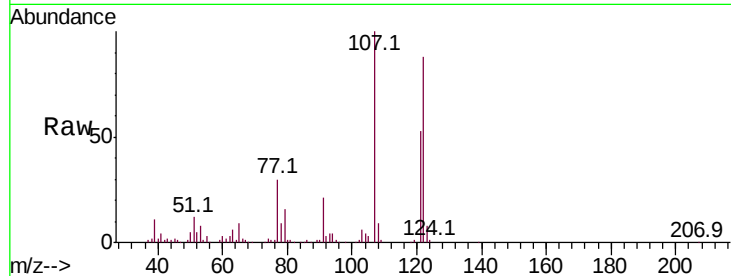




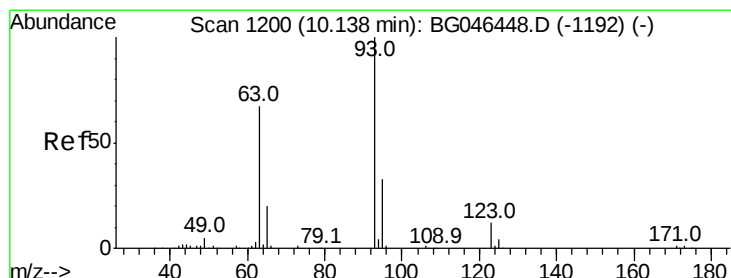
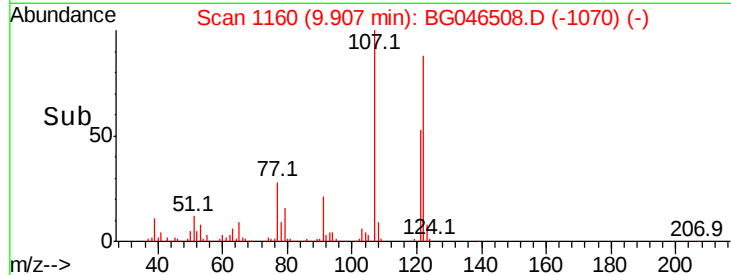
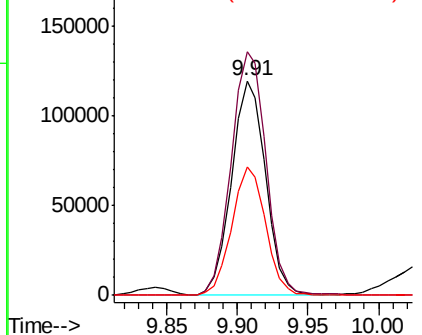
#27
2,4-Dimethylphenol
Concen: 59.357 ng
RT: 9.91 min Scan# 1160
Delta R.T. -0.00 min
Lab File: BG046508.D
Acq: 2 Sep 2020 18:11

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

Tot Ion:122 Resp: 200057
Ion Ratio Lower Upper
122 100
107 113.4 88.2 132.2
121 59.7 47.4 71.0

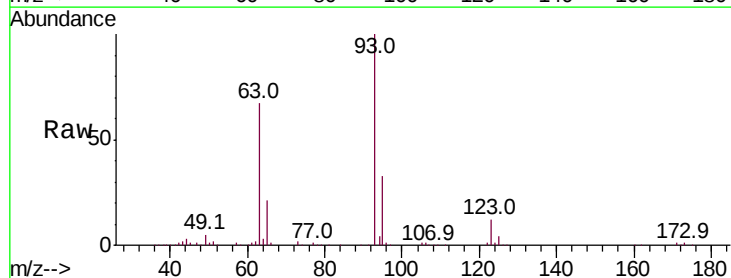


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

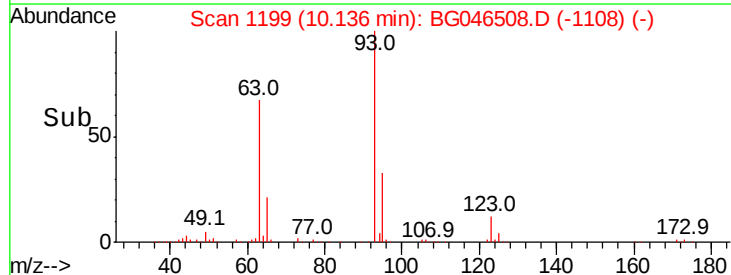
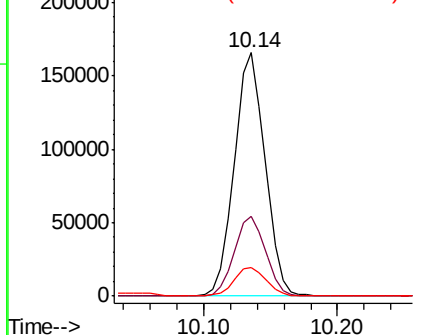


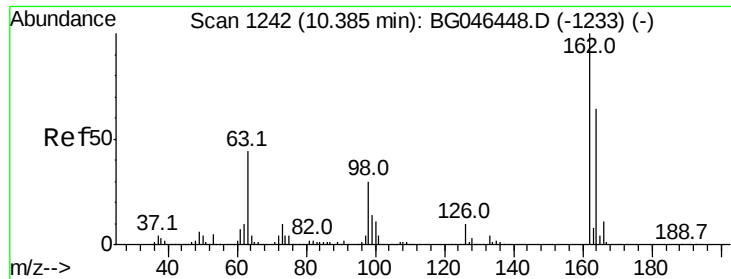
#28
bis(2-Chloroethoxy)methane
Concen: 47.844 ng
RT: 10.14 min Scan# 1199
Delta R.T. 0.00 min
Lab File: BG046508.D
Acq: 2 Sep 2020 18:11

Tgt Ion: 93 Resp: 265426
Ion Ratio Lower Upper
93 100
95 33.0 26.1 39.1
123 12.0 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

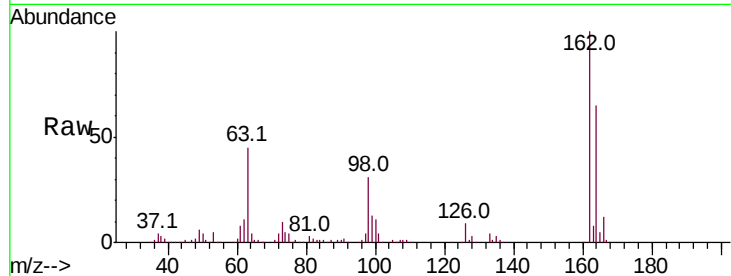




#29
2,4-Dichlorophenol
Concen: 51.324 ng
RT: 10.38 min Scan# 1241
Delta R.T. 0.00 min
Lab File: BG046508.D
Acq: 2 Sep 2020 18:11

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

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.3	44.3	84.3
98	31.4	10.0	50.0

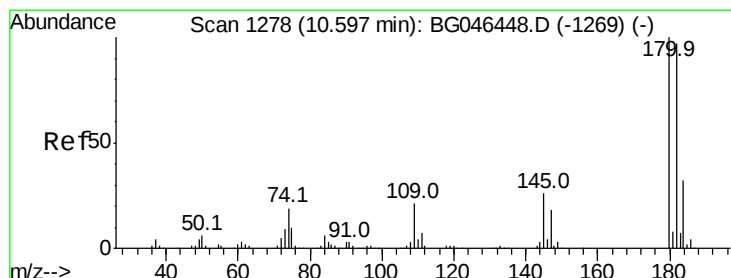
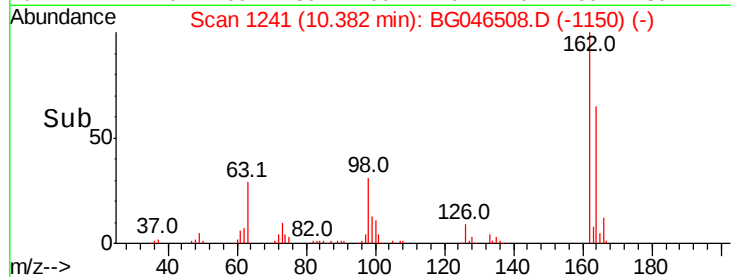
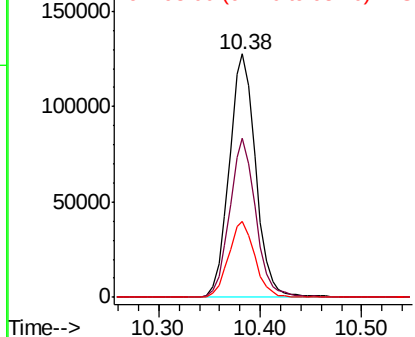


Abundance

Ion 162.00 (161.70 to 162.70): E

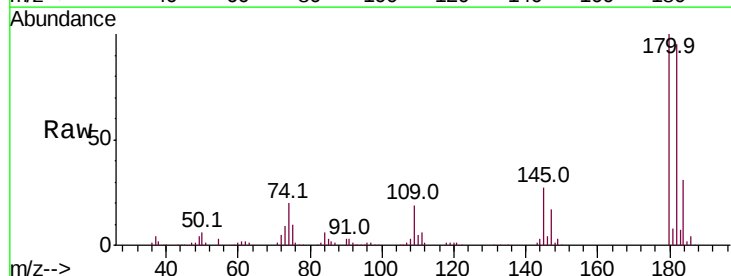
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BGC



#30
1,2,4-Trichlorobenzene
Concen: 40.166 ng
RT: 10.59 min Scan# 1277
Delta R.T. -0.00 min
Lab File: BG046508.D
Acq: 2 Sep 2020 18:11

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.9	77.8	116.8
145	27.0	20.9	31.3

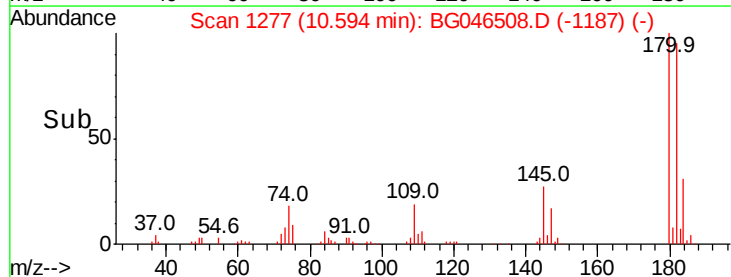
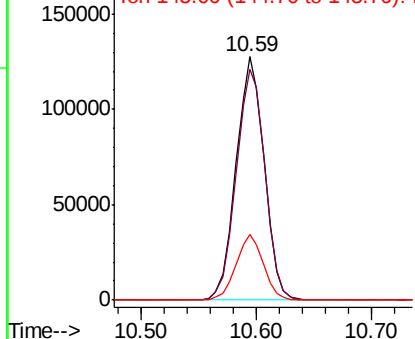


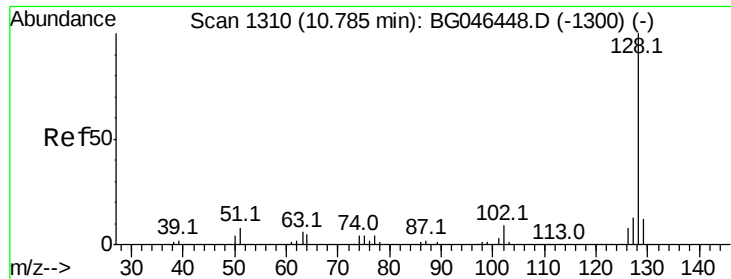
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

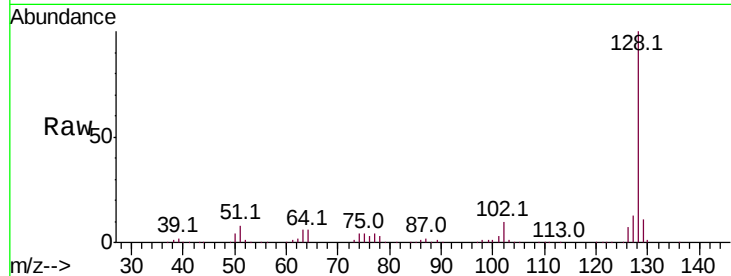




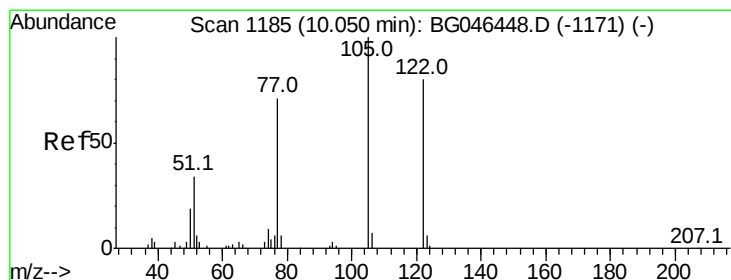
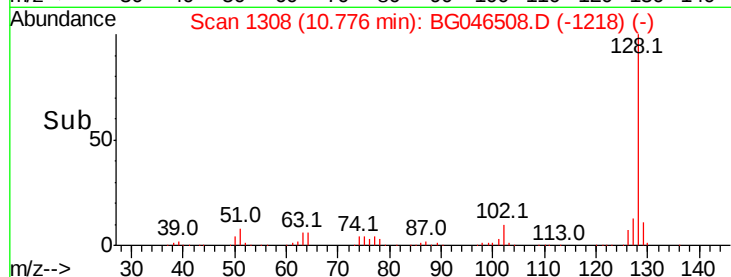
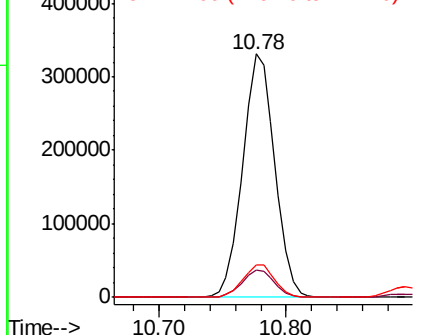
#31
Naphthalene
Concen: 44.263 ng
RT: 10.78 min Scan# 1308
Delta R.T. -0.00 min
Lab File: BG046508.D
Acq: 2 Sep 2020 18:11

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

Tot Ion:128 Resp: 580711
Ion Ratio Lower Upper
128 100
129 11.3 9.2 13.8
127 13.3 10.7 16.1

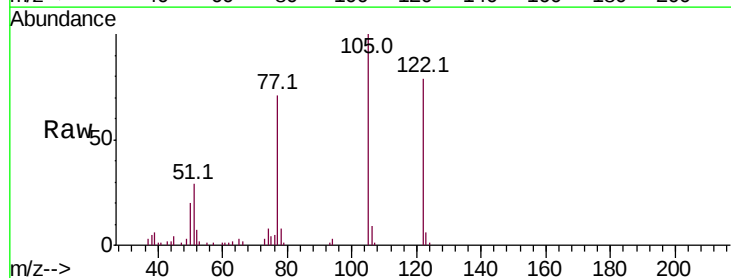


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

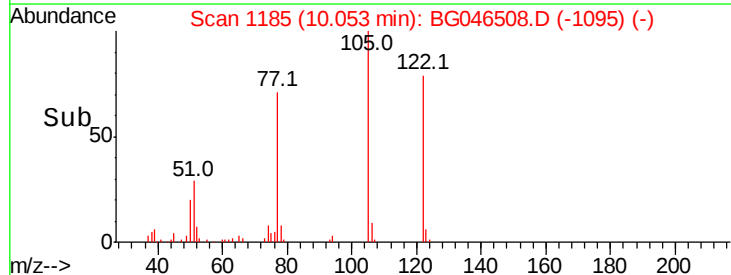
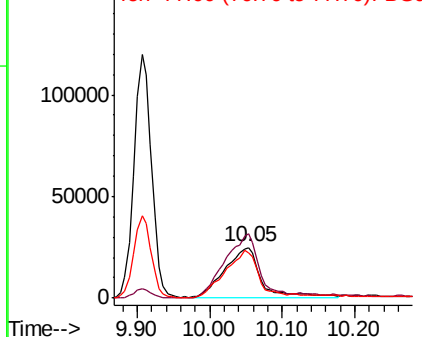


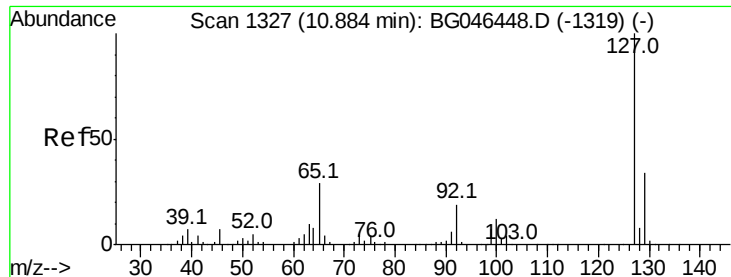
#32
Benzoic acid
Concen: 37.129 ng
RT: 10.05 min Scan# 1185
Delta R.T. -0.00 min
Lab File: BG046508.D
Acq: 2 Sep 2020 18:11

Tgt Ion:122 Resp: 84889
Ion Ratio Lower Upper
122 100
105 126.1 102.5 142.5
77 89.2 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

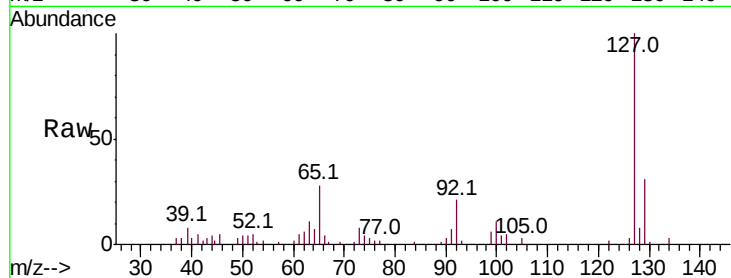




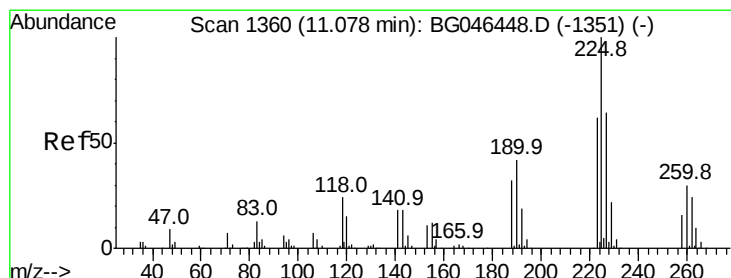
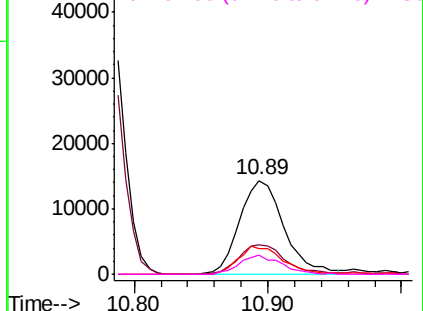
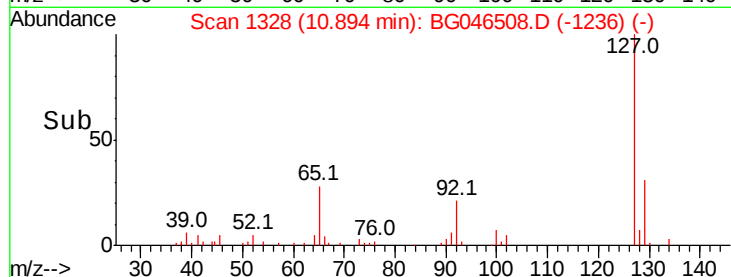
#33
4-Chloroaniline
Concen: 5.682 ng
RT: 10.89 min Scan# 1328
Delta R.T. 0.01 min
Lab File: BG046508.D
Acq: 2 Sep 2020 18:11

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

Tot Ion:	127	Resp:	32873
Ion	Ratio	Lower	Upper
127	100		
129	30.9	27.0	40.4
65	28.0	23.5	35.3
92	20.7	14.9	22.3

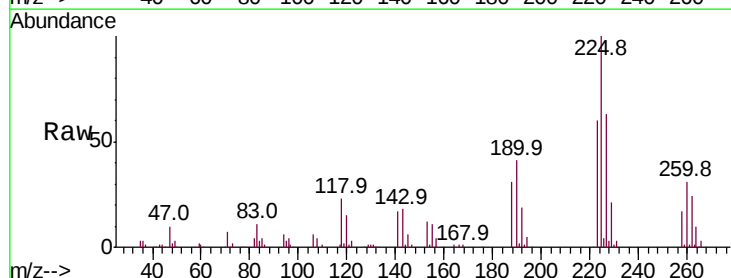


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

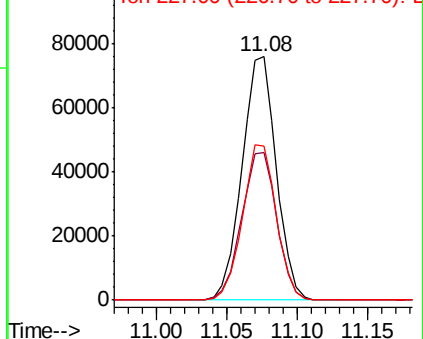
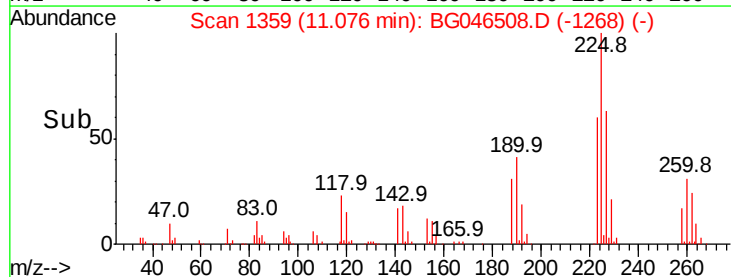


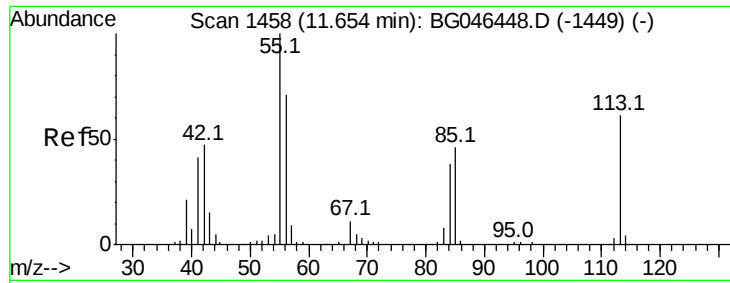
#34
Hexachlorobutadiene
Concen: 37.183 ng
RT: 11.08 min Scan# 1359
Delta R.T. 0.00 min
Lab File: BG046508.D
Acq: 2 Sep 2020 18:11

Tgt Ion:	225	Resp:	128677
Ion	Ratio	Lower	Upper
225	100		
223	60.5	49.9	74.9
227	63.1	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: 27.618 ng

RT: 11.66 min Scan# 1459

Delta R.T. 0.00 min

Lab File: BG046508.D

Acq: 2 Sep 2020 18:11

Instrument :

BNA_G

ClientSampleId :

789UMR-DSP01-01MS

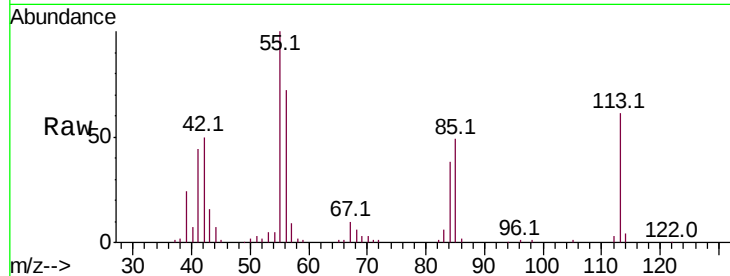
Tot Ion:113 Resp: 46385

Ion Ratio Lower Upper

113 100

55 165.0 144.2 184.2

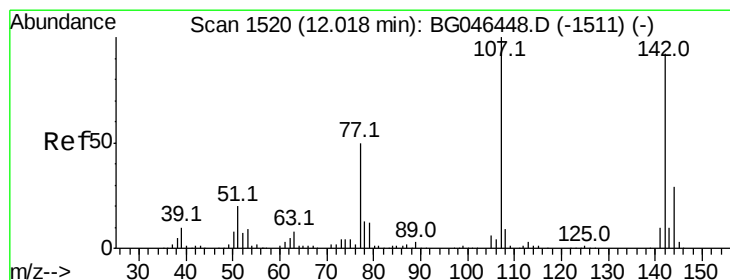
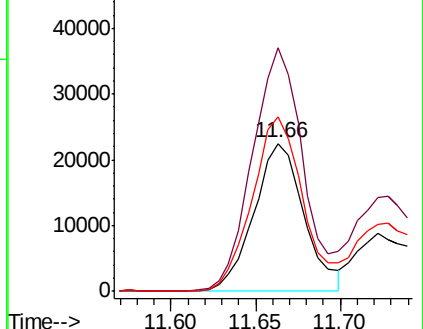
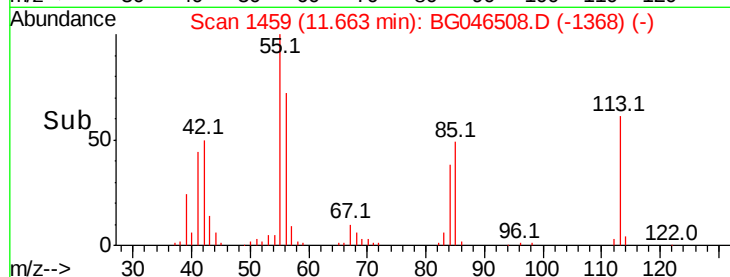
56 118.2 97.0 137.0



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 57.509 ng

RT: 12.02 min Scan# 1520

Delta R.T. 0.00 min

Lab File: BG046508.D

Acq: 2 Sep 2020 18:11

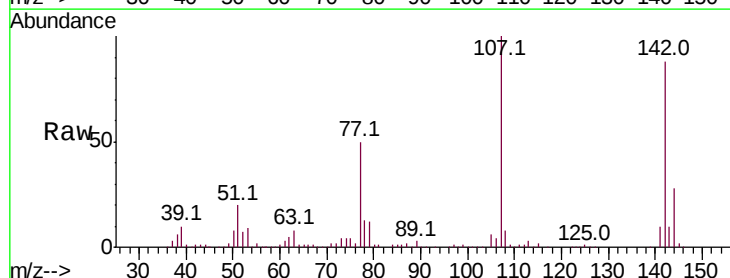
Tgt Ion:107 Resp: 252721

Ion Ratio Lower Upper

107 100

144 28.3 23.3 34.9

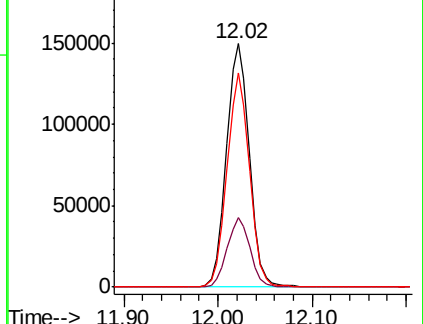
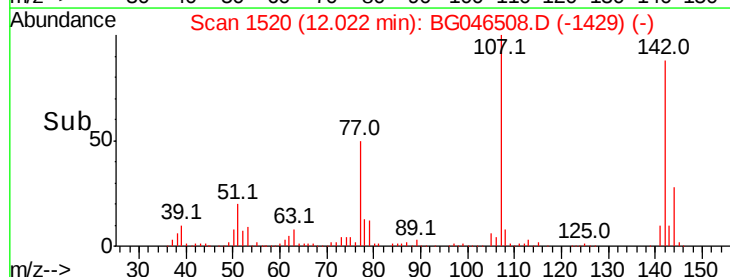
142 88.2 73.7 110.5

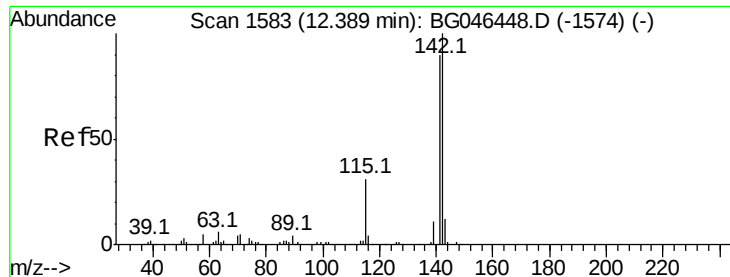


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 47.547 ng

RT: 12.39 min Scan# 1582

Delta R.T. -0.00 min

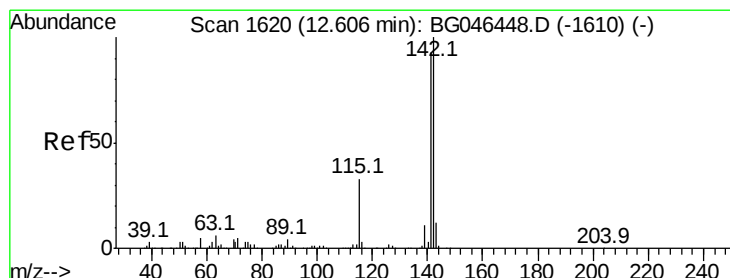
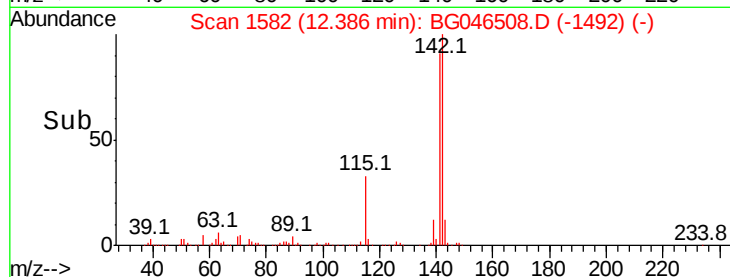
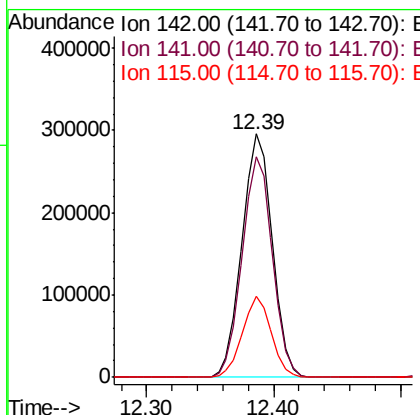
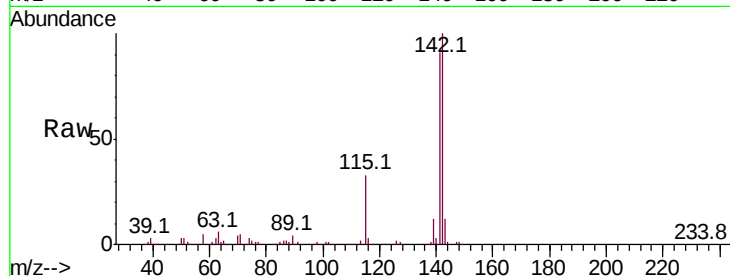
Lab File: BG046508.D

Acq: 2 Sep 2020 18:11

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

Tot Ion:142 Resp: 491972

Ion	Ratio	Lower	Upper
142	100		
141	90.8	72.1	108.1
115	33.3	24.9	37.3



#38

1-Methylnaphthalene

Concen: 47.855 ng

RT: 12.61 min Scan# 1620

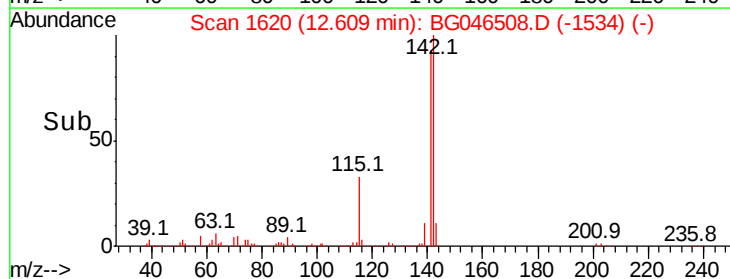
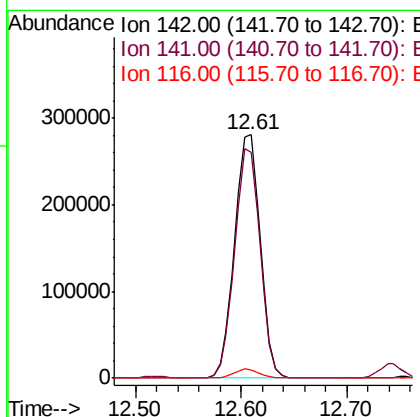
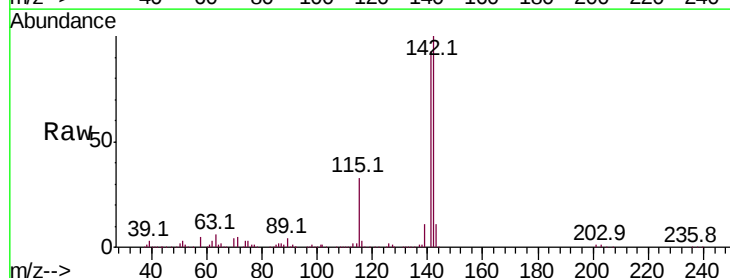
Delta R.T. 0.00 min

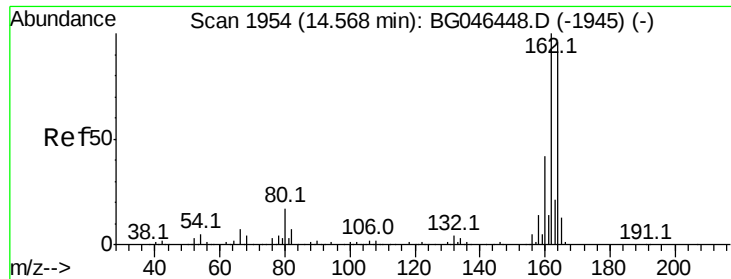
Lab File: BG046508.D

Acq: 2 Sep 2020 18:11

Tgt Ion:142 Resp: 469039

Ion	Ratio	Lower	Upper
142	100		
141	92.9	74.7	112.1
116	3.4	2.6	4.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.56 min Scan# 1952

Delta R.T. -0.00 min

Lab File: BG046508.D

Acq: 2 Sep 2020 18:11

Instrument :

BNA_G

ClientSampleId :

789UMR-DSP01-01MS

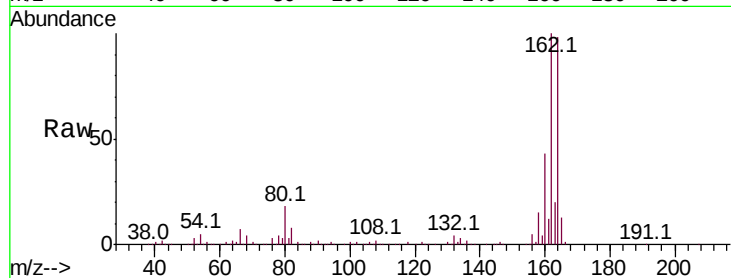
Tot Ion:164 Resp: 215632

Ion Ratio Lower Upper

164 100

162 102.4 83.3 124.9

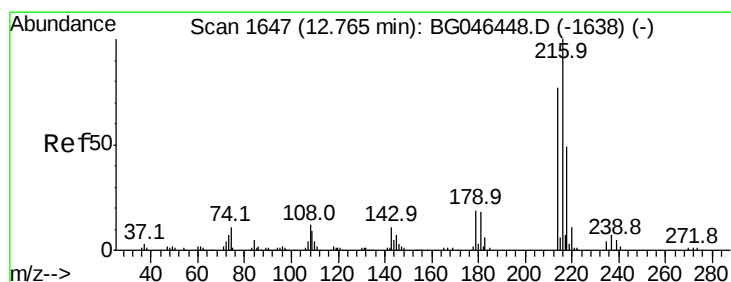
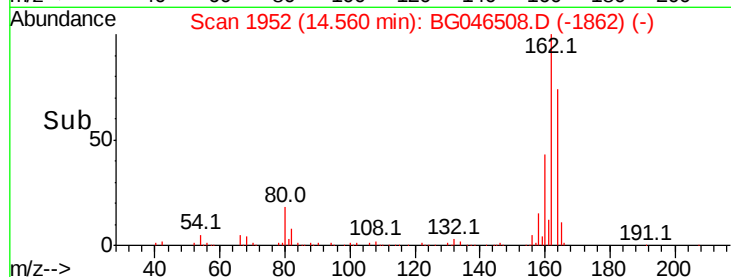
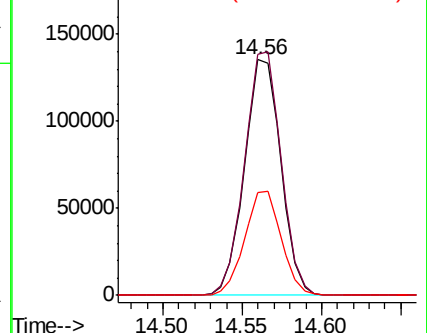
160 43.8 35.0 52.6



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: 41.949 ng

RT: 12.76 min Scan# 1646

Delta R.T. 0.00 min

Lab File: BG046508.D

Acq: 2 Sep 2020 18:11

Tgt Ion:216 Resp: 298287

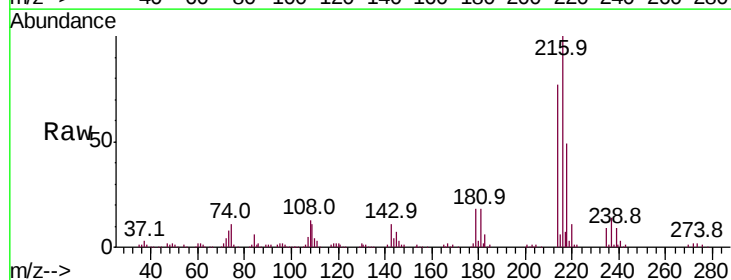
Ion Ratio Lower Upper

216 100

214 77.3 62.1 93.1

179 18.4 14.9 22.3

108 14.4 10.5 15.7

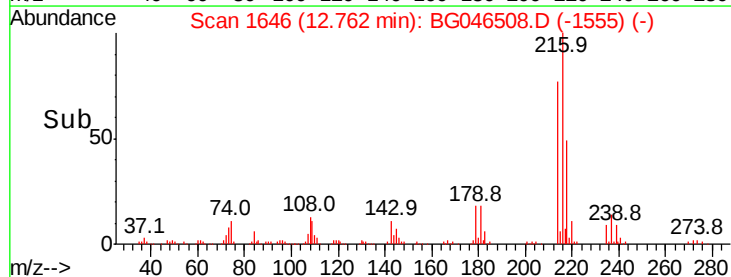
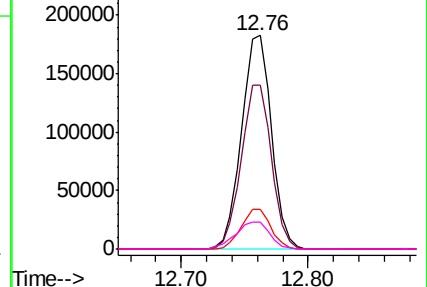


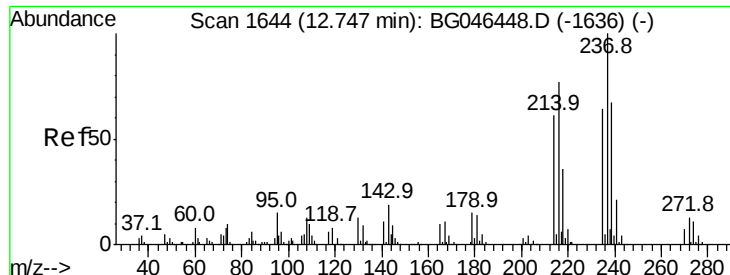
Abundance Ion 216.00 (215.70 to 216.70): E

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

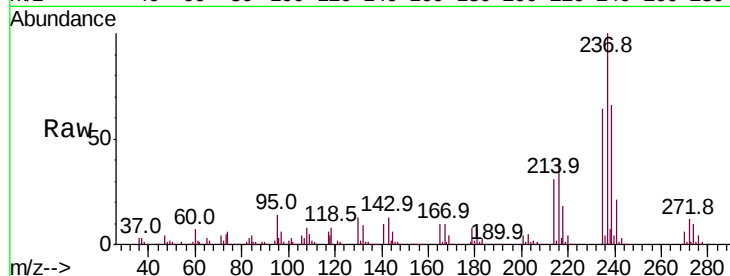




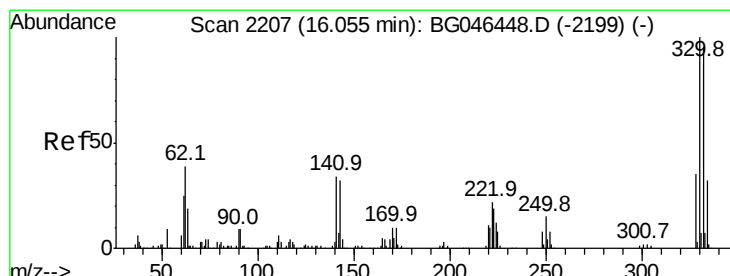
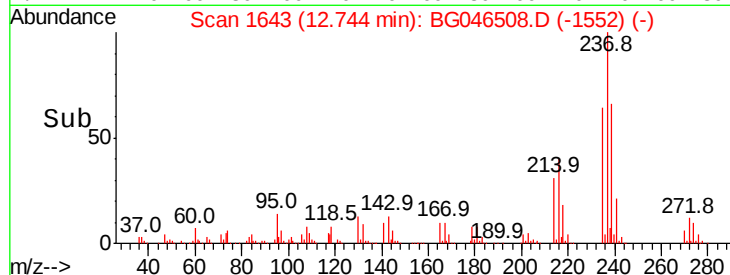
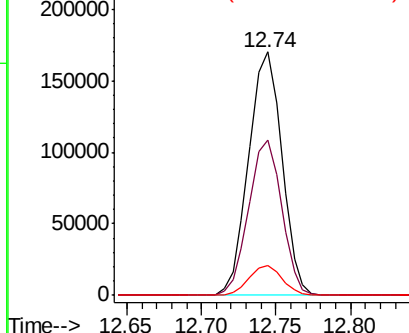
#41
Hexachlorocyclopentadiene
Concen: 84.729 ng
RT: 12.74 min Scan# 1643
Delta R.T. 0.00 min
Lab File: BG046508.D
Acq: 2 Sep 2020 18:11

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

Tot Ion	Ratio	Lower	Upper
237	100		
235	63.8	44.5	84.5
272	12.4	0.0	32.8

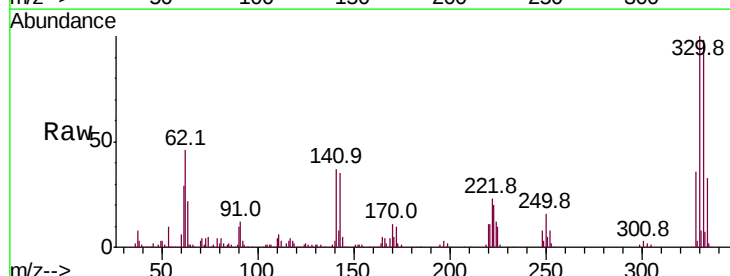


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

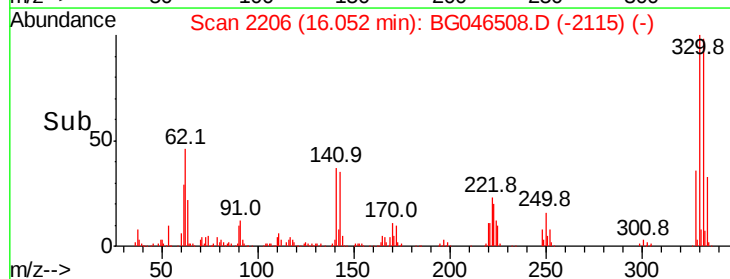
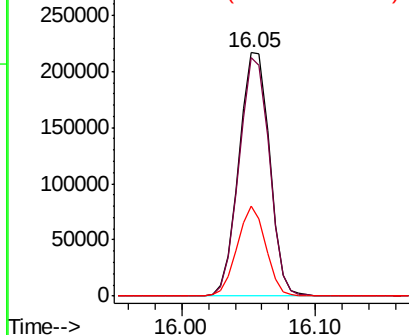


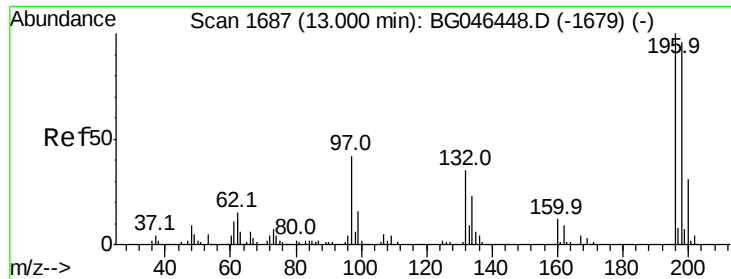
#42
2,4,6-Tribromophenol
Concen: 117.971 ng
RT: 16.05 min Scan# 2206
Delta R.T. 0.00 min
Lab File: BG046508.D
Acq: 2 Sep 2020 18:11

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.9	76.1	114.1
141	34.6	26.1	39.1



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

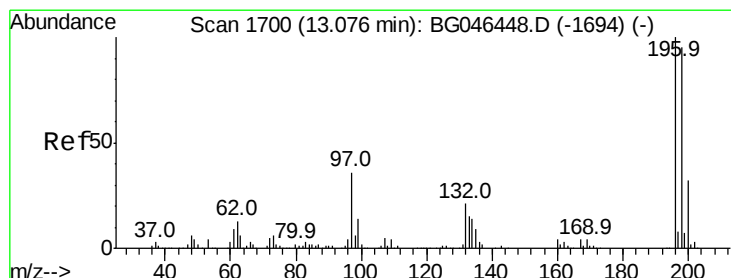
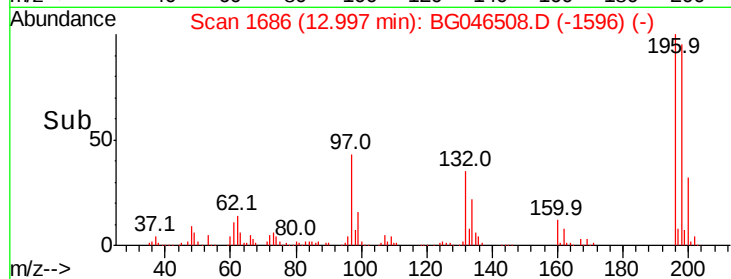
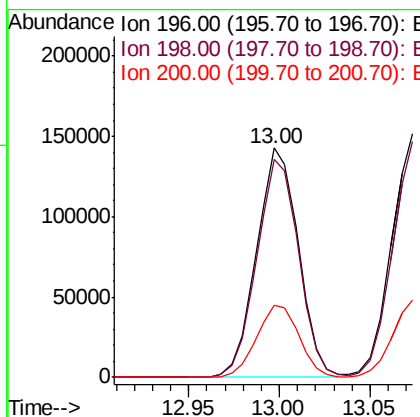
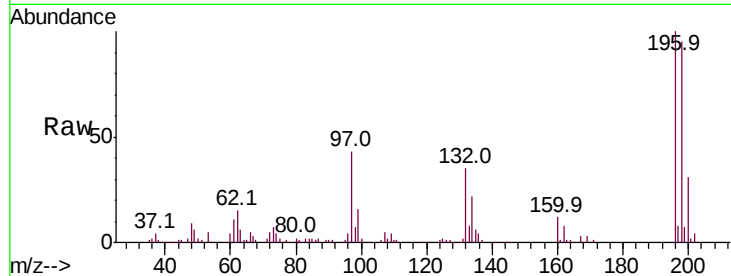




#43
 2,4,6-Trichlorophenol
 Concen: 47.682 ng
 RT: 13.00 min Scan# 1686
 Delta R.T. -0.00 min
 Lab File: BG046508.D
 Acq: 2 Sep 2020 18:11

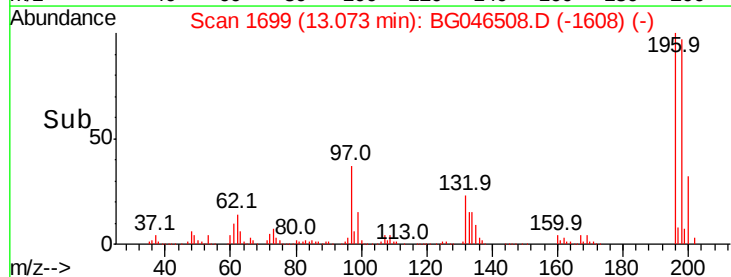
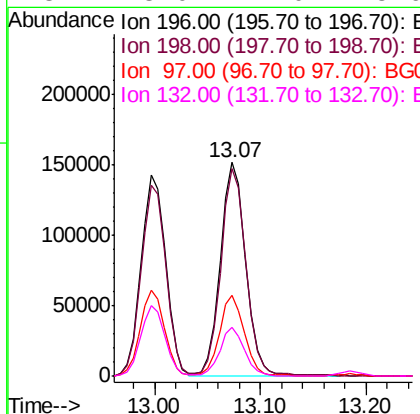
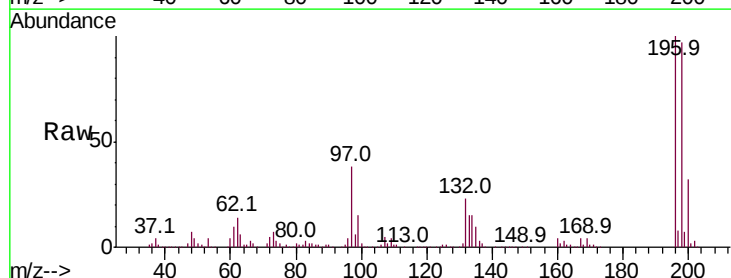
Instrument :
 BNA_G
 ClientSampleId :
 789UMR-DSP01-01MS

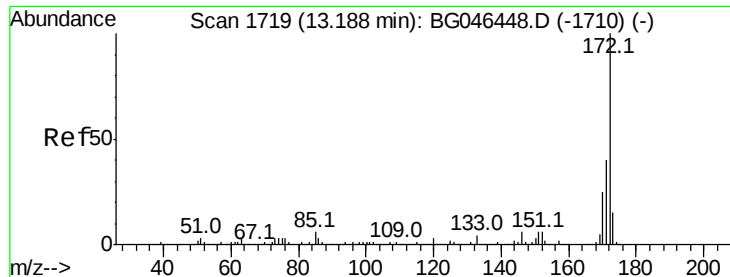
Tot Ion:196 Resp: 228804
 Ion Ratio Lower Upper
 196 100
 198 94.9 77.0 115.6
 200 31.5 25.2 37.8



#44
 2,4,5-Trichlorophenol
 Concen: 49.836 ng
 RT: 13.07 min Scan# 1699
 Delta R.T. 0.00 min
 Lab File: BG046508.D
 Acq: 2 Sep 2020 18:11

Tgt Ion:196 Resp: 251257
 Ion Ratio Lower Upper
 196 100
 198 97.1 75.6 113.4
 97 37.6 28.6 43.0
 132 23.0 17.0 25.6

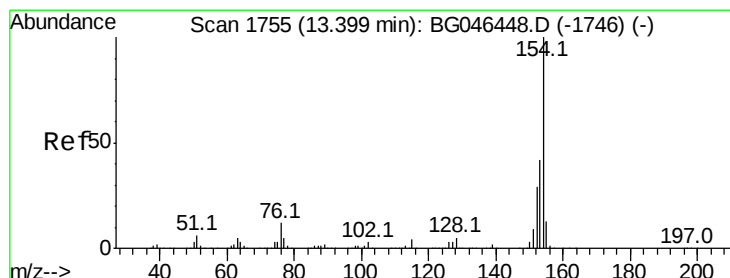
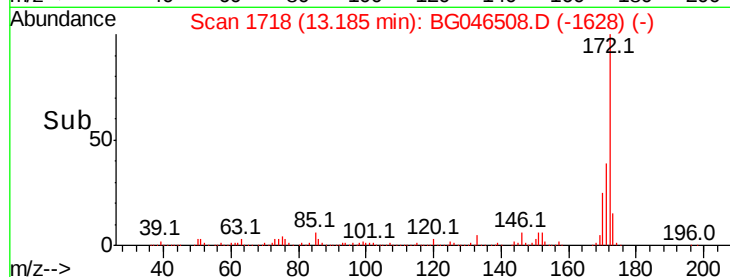
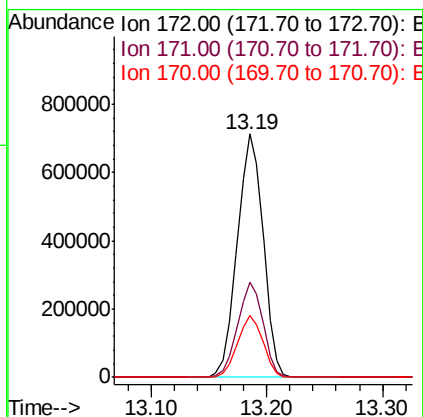
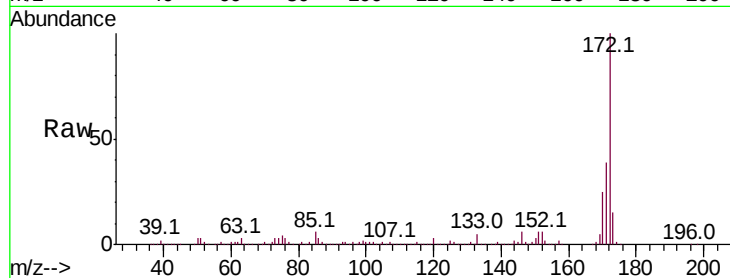




#45
2-Fluorobiphenyl
Concen: 78.294 ng
RT: 13.19 min Scan# 1718
Delta R.T. -0.00 min
Lab File: BG046508.D
Acq: 2 Sep 2020 18:11

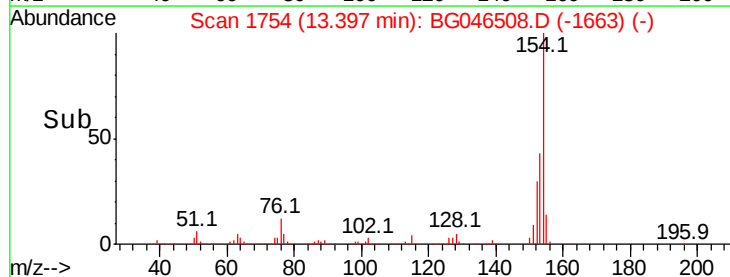
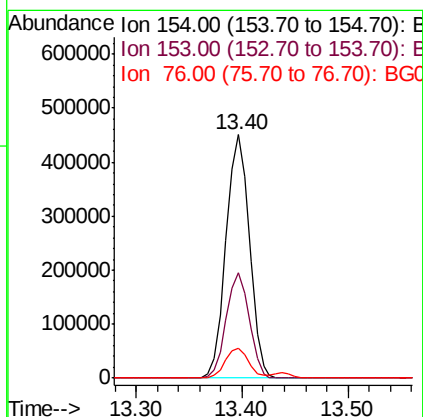
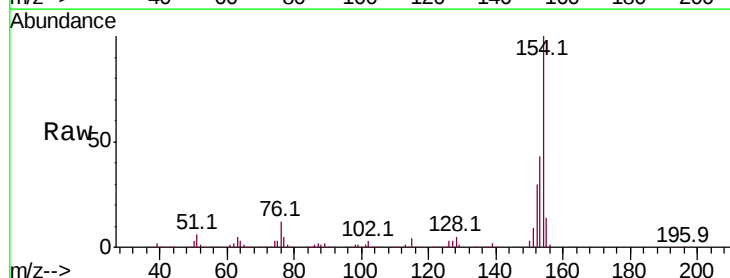
Instrument :
BNA_G
ClientSampleId :
789UMR-DSP01-01MS

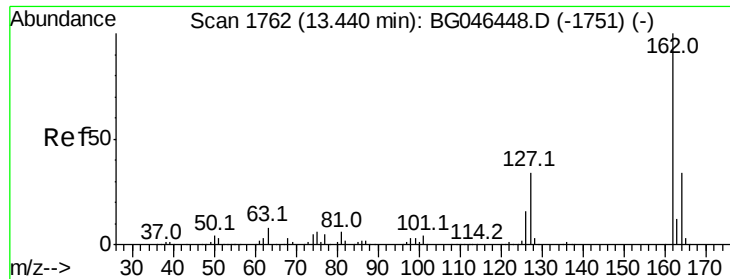
Tot Ion:172 Resp: 1105926
Ion Ratio Lower Upper
172 100
171 39.2 31.8 47.6
170 25.4 20.3 30.5



#46
1,1'-Biphenyl
Concen: 46.024 ng
RT: 13.40 min Scan# 1754
Delta R.T. 0.00 min
Lab File: BG046508.D
Acq: 2 Sep 2020 18:11

Tgt Ion:154 Resp: 690468
Ion Ratio Lower Upper
154 100
153 43.3 22.0 62.0
76 12.3 0.0 32.3

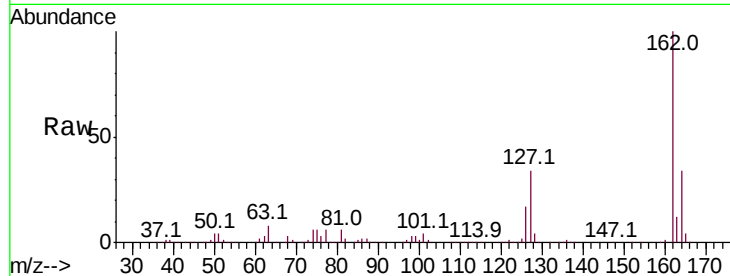




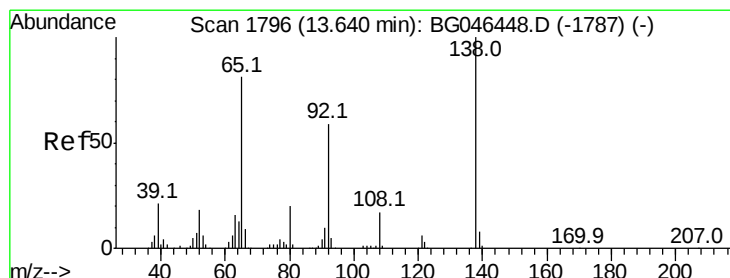
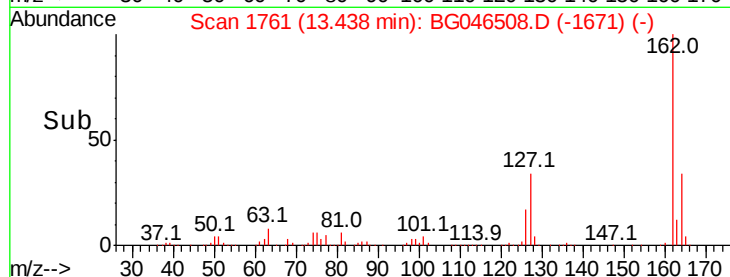
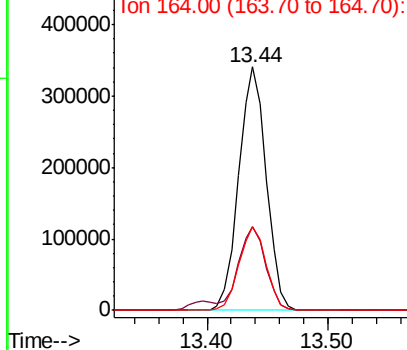
#47
 2-Chloronaphthalene
 Concen: 42.456 ng
 RT: 13.44 min Scan# 1761
 Delta R.T. -0.00 min
 Lab File: BG046508.D
 Acq: 2 Sep 2020 18:11

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

Tot Ion:162 Resp: 540037
 Ion Ratio Lower Upper
 162 100
 127 34.2 27.6 41.4
 164 34.2 27.3 40.9

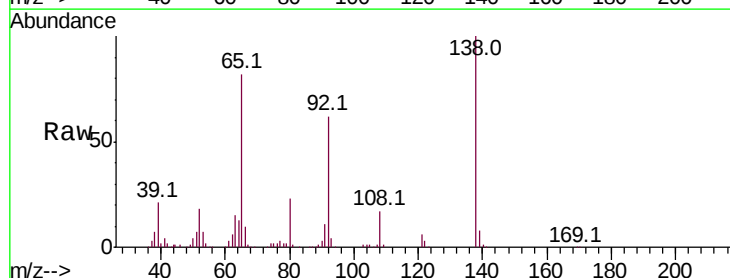


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

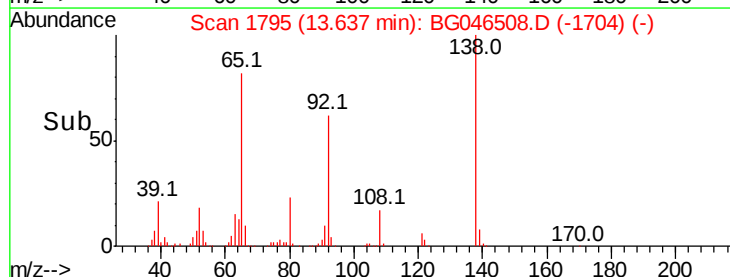
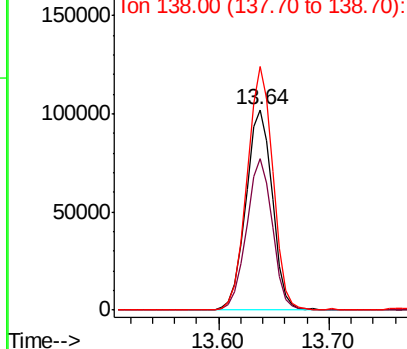


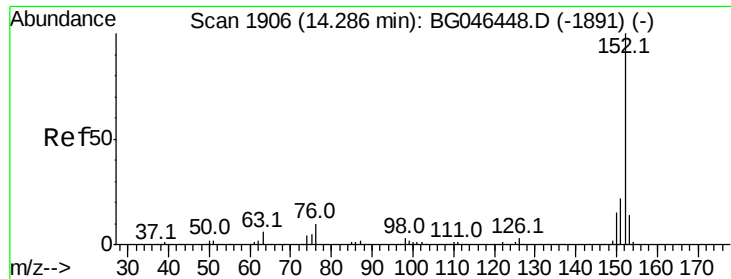
#48
 2-Nitroaniline
 Concen: 48.716 ng
 RT: 13.64 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: BG046508.D
 Acq: 2 Sep 2020 18:11

Tgt Ion: 65 Resp: 172068
 Ion Ratio Lower Upper
 65 100
 92 75.5 58.5 87.7
 138 121.6 98.4 147.6



Abundance Ion 65.00 (64.70 to 65.70): BGC
 Ion 92.00 (91.70 to 92.70): BGC
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 46.056 ng

RT: 14.28 min Scan# 1905

Delta R.T. -0.00 min

Lab File: BG046508.D

Acq: 2 Sep 2020 18:11

Instrument :

BNA_G

ClientSampleId :

789UMR-DSP01-01MS

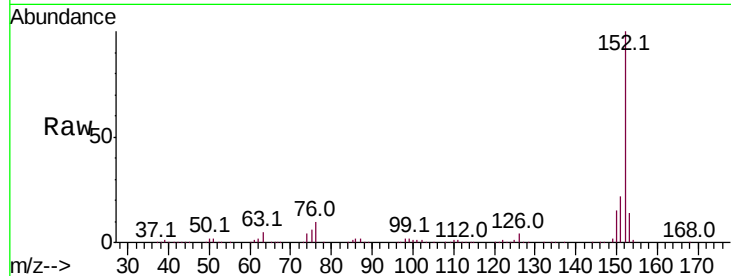
Tot Ion:152 Resp: 888654

Ion Ratio Lower Upper

152 100

151 22.2 17.7 26.5

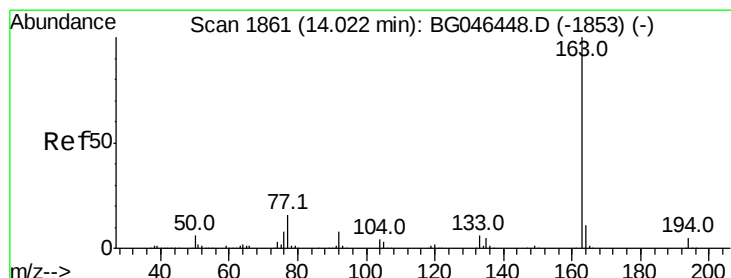
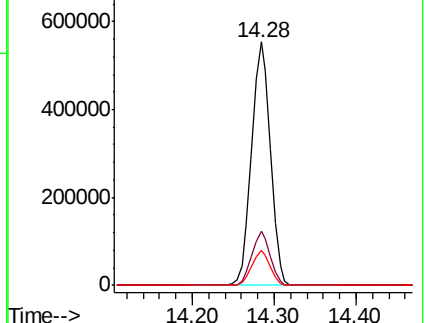
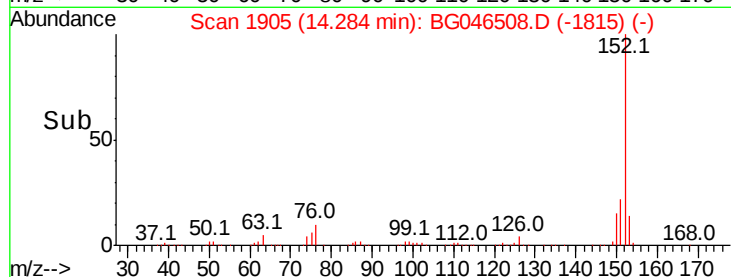
153 14.3 11.2 16.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 52.499 ng

RT: 14.02 min Scan# 1860

Delta R.T. 0.00 min

Lab File: BG046508.D

Acq: 2 Sep 2020 18:11

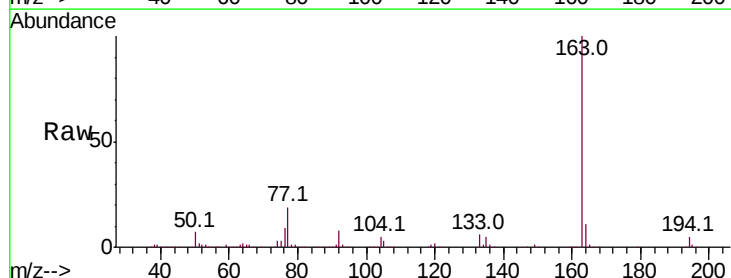
Tgt Ion:163 Resp: 875809

Ion Ratio Lower Upper

163 100

194 4.8 3.7 5.5

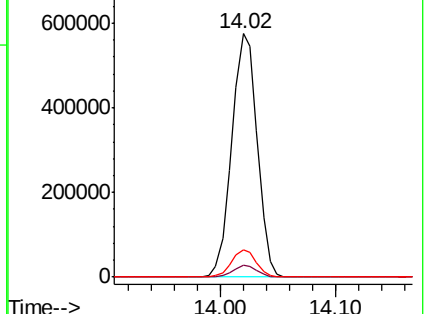
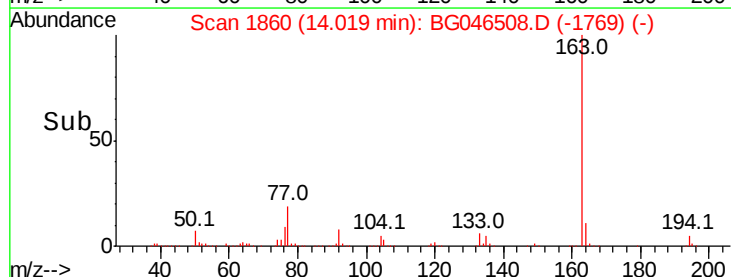
164 11.2 8.6 12.8

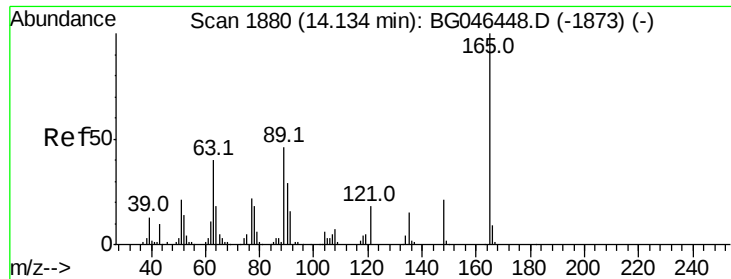


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

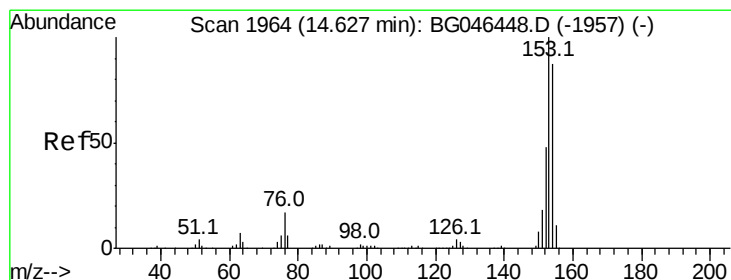
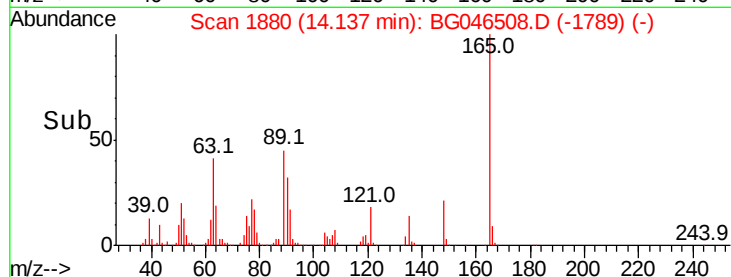
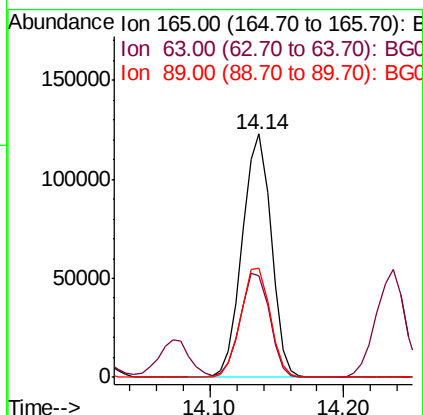
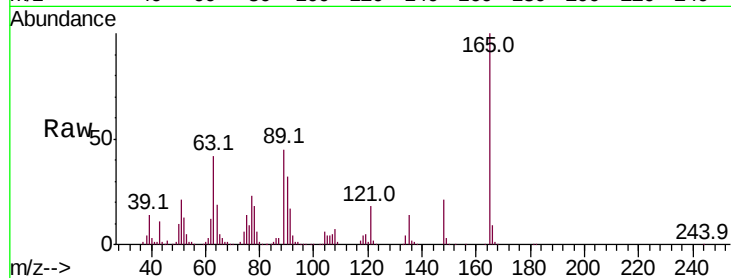




#51
 2,6-Dinitrotoluene
 Concen: 50.003 ng
 RT: 14.14 min Scan# 1880
 Delta R.T. 0.00 min
 Lab File: BG046508.D
 Acq: 2 Sep 2020 18:11

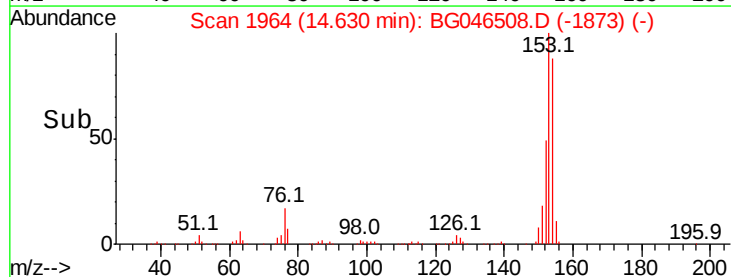
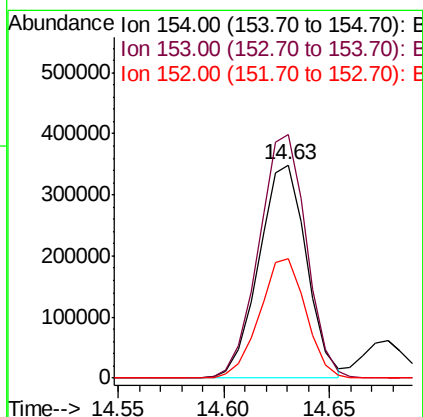
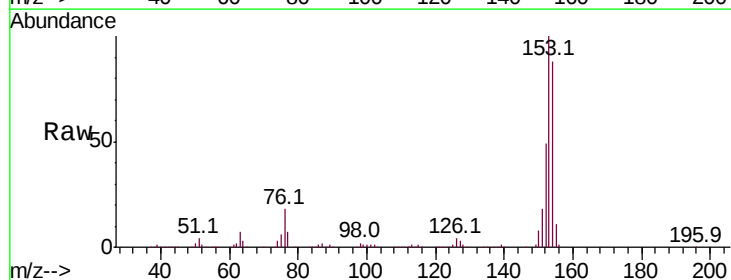
Instrument :
 BNA_G
 ClientSampleId :
 789UMR-DSP01-01MS

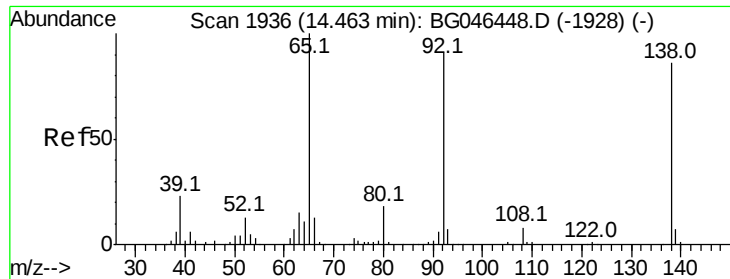
Tot Ion:165 Resp: 183880
 Ion Ratio Lower Upper
 165 100
 63 41.6 34.2 51.4
 89 45.1 37.0 55.4



#52
 Acenaphthene
 Concen: 45.747 ng
 RT: 14.63 min Scan# 1964
 Delta R.T. 0.00 min
 Lab File: BG046508.D
 Acq: 2 Sep 2020 18:11

Tgt Ion:154 Resp: 546990
 Ion Ratio Lower Upper
 154 100
 153 114.1 91.9 137.9
 152 56.0 43.8 65.6





#53

3-Nitroaniline

Concen: 15.844 ng

RT: 14.47 min Scan# 1936

Delta R.T. 0.00 min

Lab File: BG046508.D

Acq: 2 Sep 2020 18:11

Instrument :

BNA_G

ClientSampleId :

789UMR-DSP01-01MS

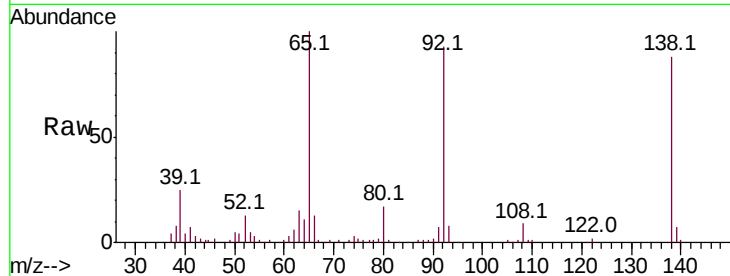
Tot Ion:138 Resp: 63114

Ion Ratio Lower Upper

138 100

108 10.3 7.0 10.6

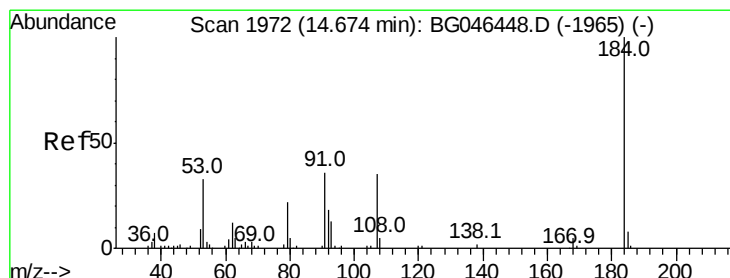
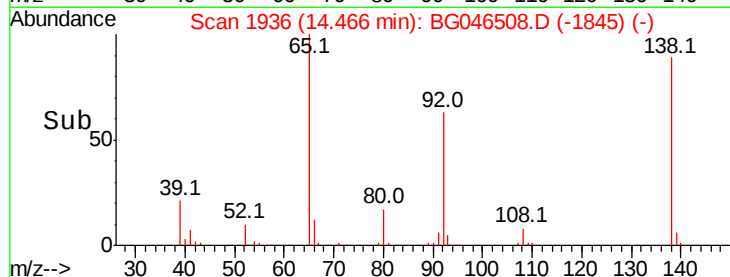
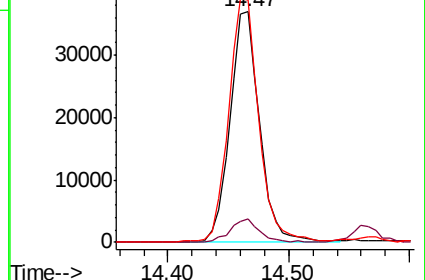
92 105.5 84.6 127.0



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): BGC



#54

2,4-Dinitrophenol

Concen: 84.220 ng

RT: 14.68 min Scan# 1972

Delta R.T. 0.00 min

Lab File: BG046508.D

Acq: 2 Sep 2020 18:11

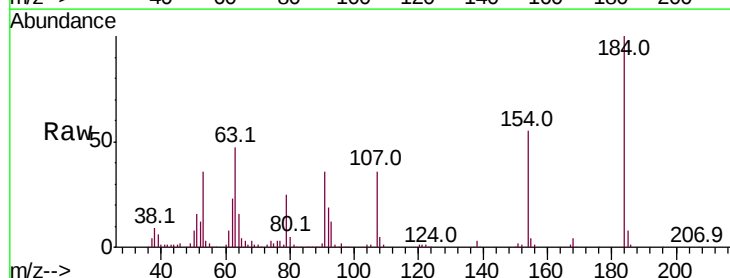
Tgt Ion:184 Resp: 180779

Ion Ratio Lower Upper

184 100

63 46.8 35.6 53.4

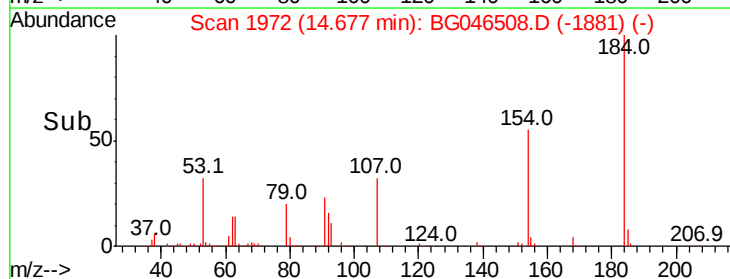
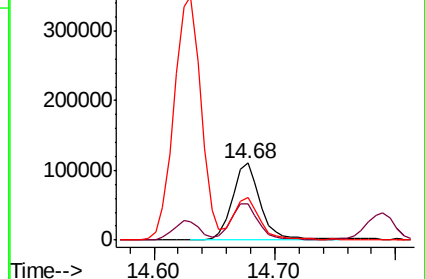
154 54.9 44.3 66.5

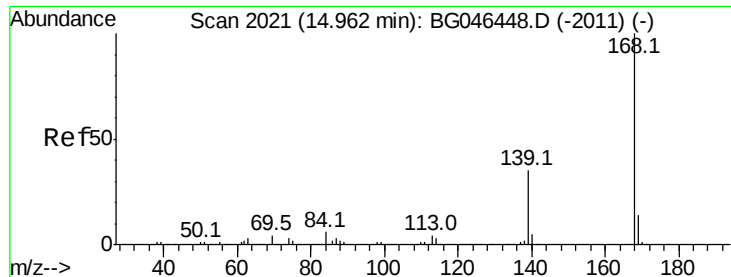


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

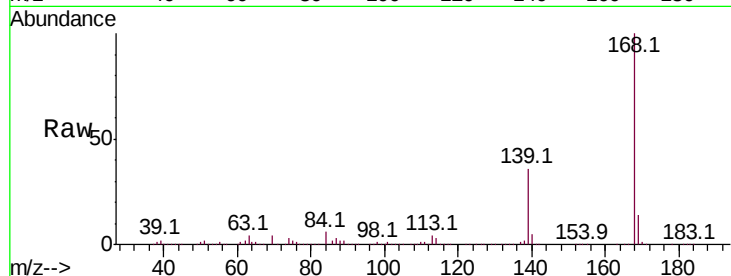




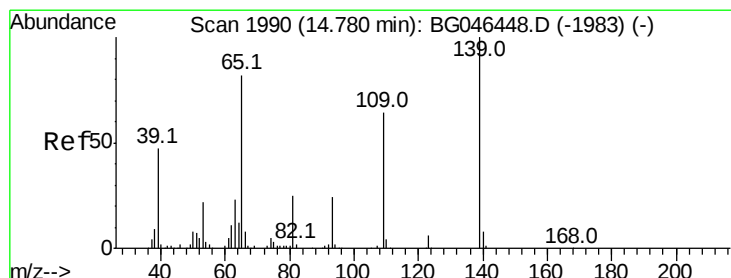
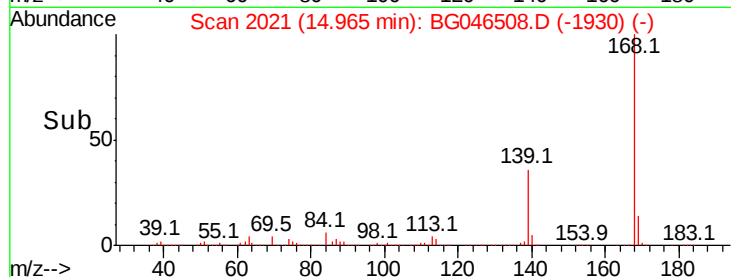
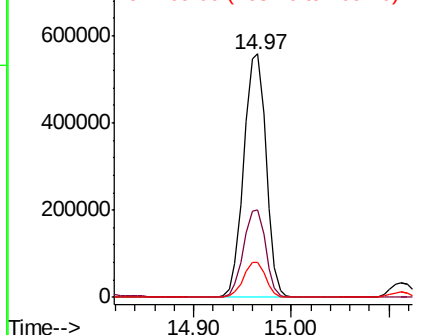
#55
Dibenzenofuran
Concen: 46.637 ng
RT: 14.97 min Scan# 2021
Delta R.T. 0.00 min
Lab File: BG046508.D
Acq: 2 Sep 2020 18:11

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

Tot Ion	Ratio	Lower	Upper
168	100		
139	35.9	28.1	42.1
169	14.2	11.5	17.3

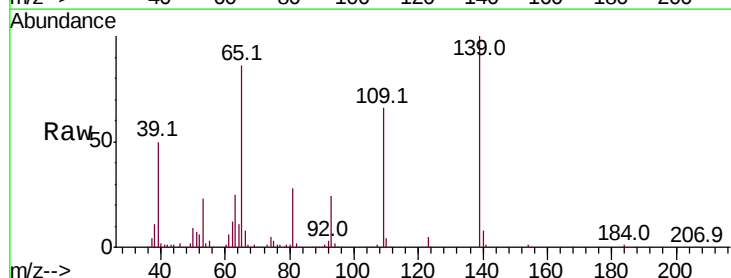


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

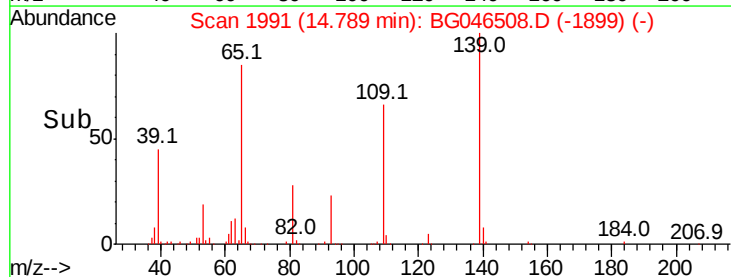
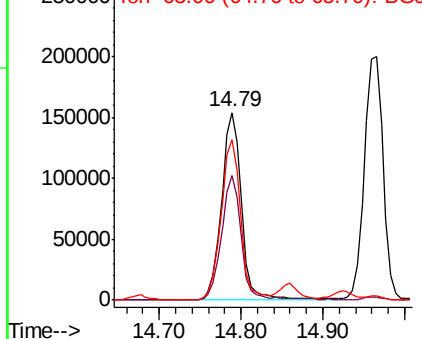


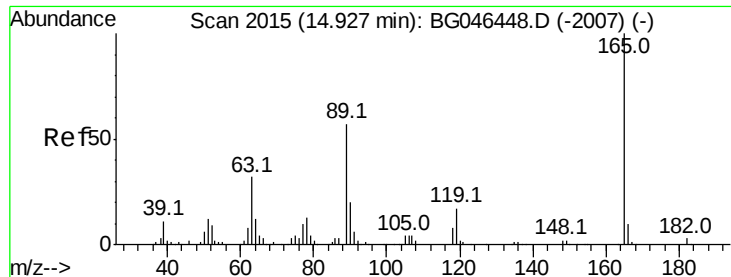
#56
4-Nitrophenol
Concen: 89.797 ng
RT: 14.79 min Scan# 1991
Delta R.T. 0.01 min
Lab File: BG046508.D
Acq: 2 Sep 2020 18:11

Tgt Ion	Ratio	Lower	Upper
139	100		
109	66.1	44.3	84.3
65	85.6	61.5	101.5



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

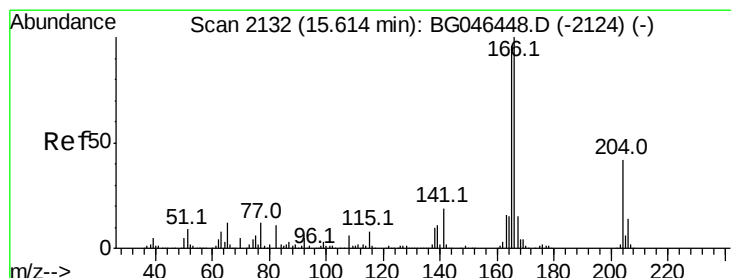
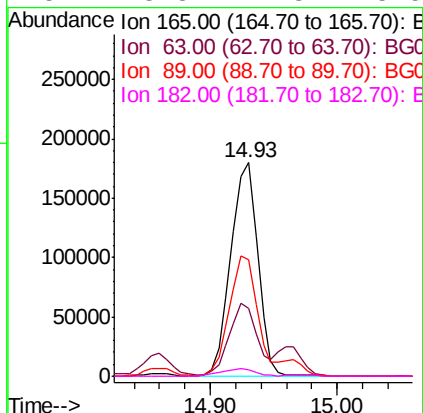
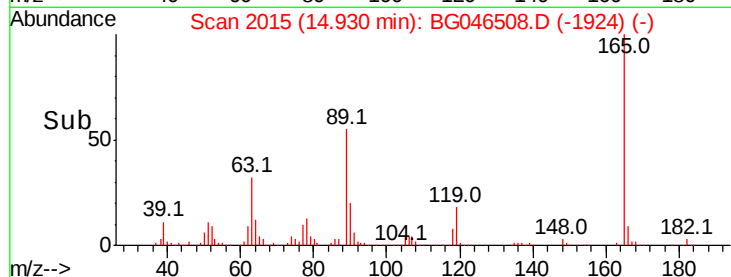
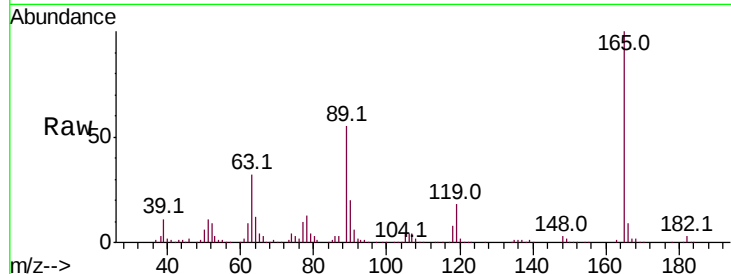




#57
 2,4-Dinitrotoluene
 Concen: 50.878 ng
 RT: 14.93 min Scan# 2015
 Delta R.T. 0.00 min
 Lab File: BG046508.D
 Acq: 2 Sep 2020 18:11

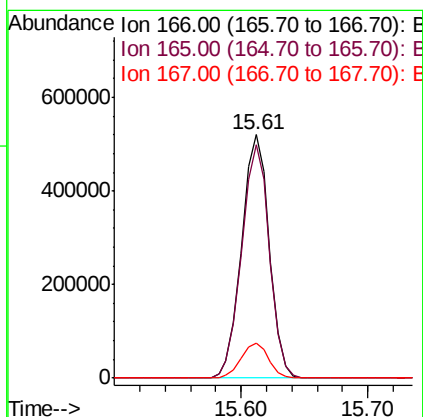
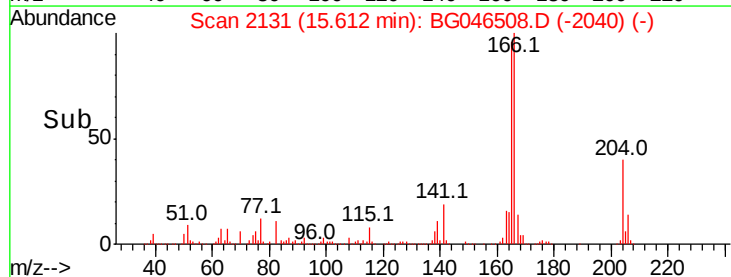
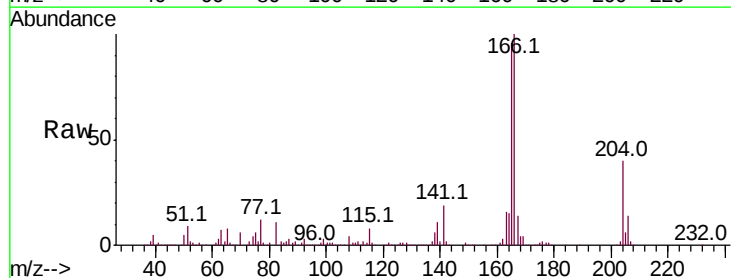
Instrument :
 BNA_G
 ClientSampleId :
 789UMR-DSP01-01MS

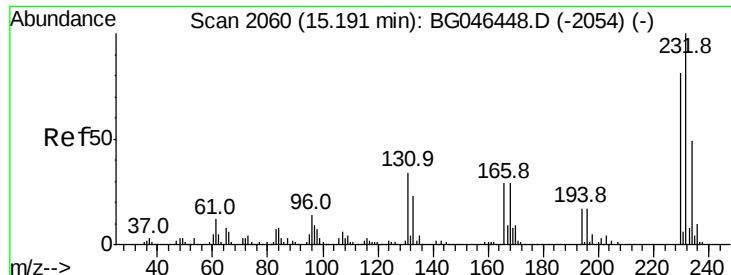
Tot Ion:165	Resp:	266777	
Ion Ratio	Lower	Upper	
165 100			
63 32.1	25.4	38.0	
89 54.8	45.9	68.9	
182 3.3	2.3	3.5	



#58
 Fluorene
 Concen: 48.702 ng
 RT: 15.61 min Scan# 2131
 Delta R.T. 0.00 min
 Lab File: BG046508.D
 Acq: 2 Sep 2020 18:11

Tgt	Ion:166	Resp:	784358
Ion	Ratio	Lower	Upper
166	100		
165	95.9	77.0	115.4
167	14.2	11.8	17.6

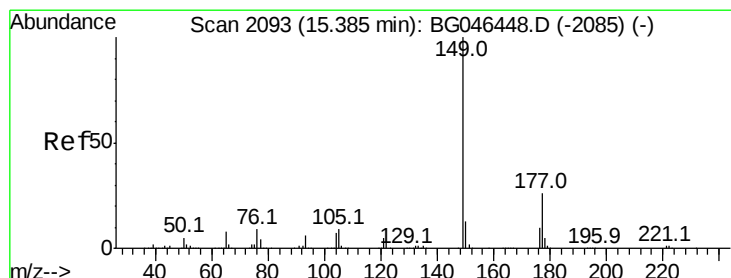
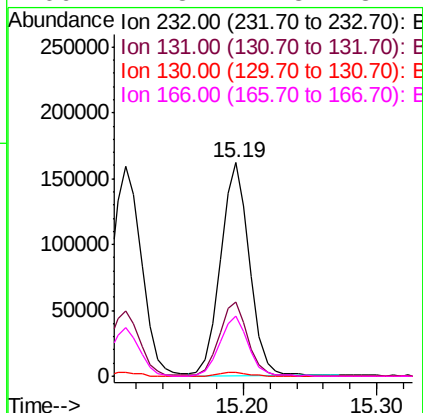
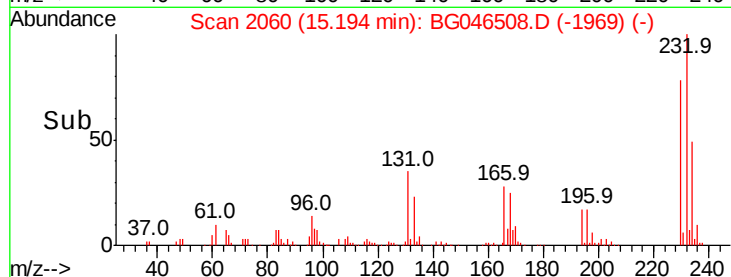
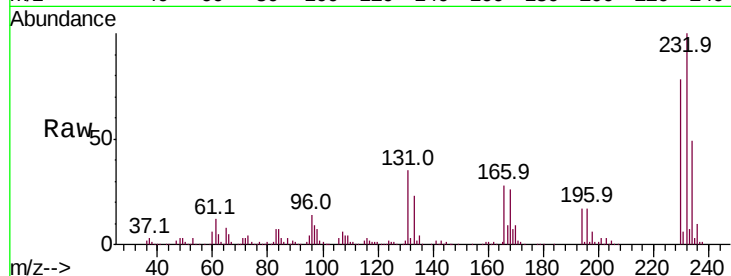




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 50.204 ng
 RT: 15.19 min Scan# 2060
 Delta R.T. 0.00 min
 Lab File: BG046508.D
 Acq: 2 Sep 2020 18:11

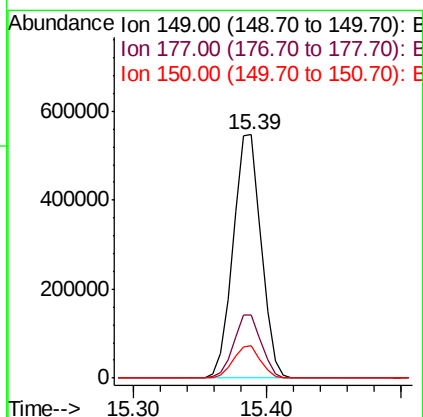
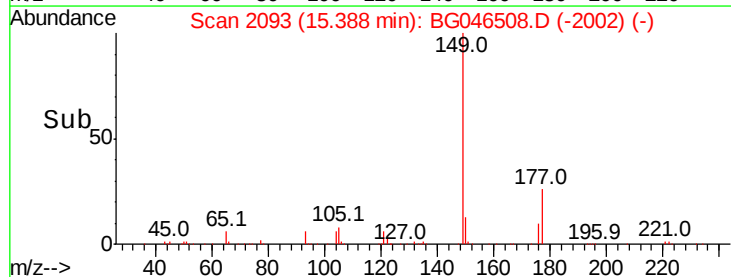
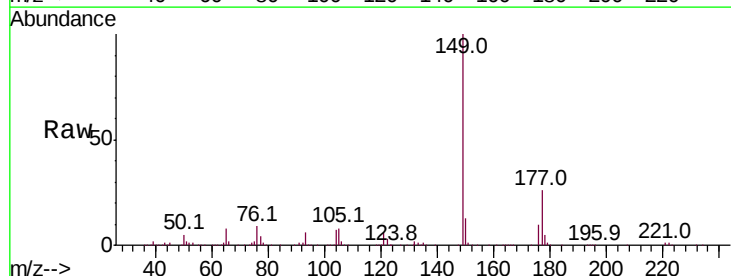
Instrument :
 BNA_G
 ClientSampleId :
 789UMR-DSP01-01MS

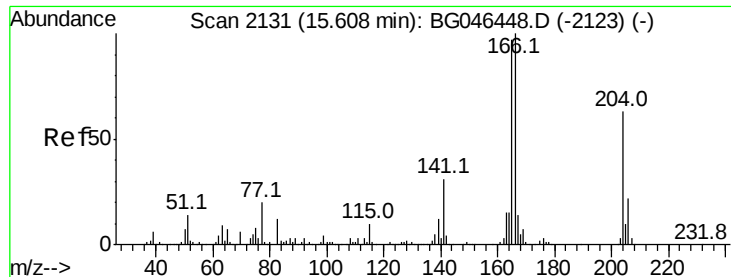
Tot Ion:	232	Resp:	245793
Ion	Ratio	Lower	Upper
232	100		
131	34.4	26.8	40.2
130	1.9	1.4	2.2
166	27.8	22.8	34.2



#60
 Diethylphthalate
 Concen: 49.129 ng
 RT: 15.39 min Scan# 2093
 Delta R.T. 0.00 min
 Lab File: BG046508.D
 Acq: 2 Sep 2020 18:11

Tgt Ion:	149	Resp:	799083
Ion	Ratio	Lower	Upper
149	100		
177	26.1	20.6	30.8
150	13.2	10.3	15.5

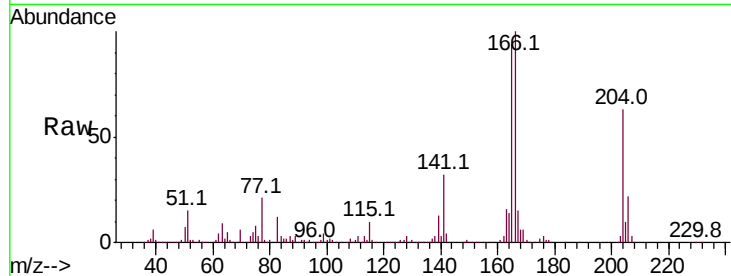




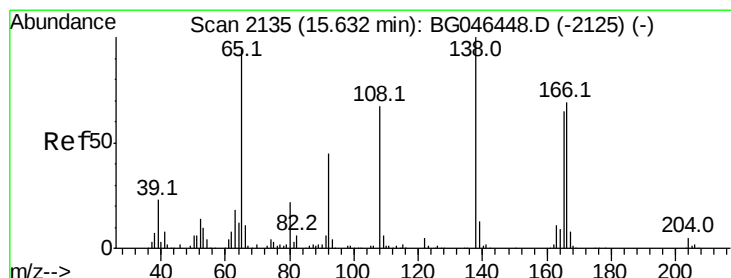
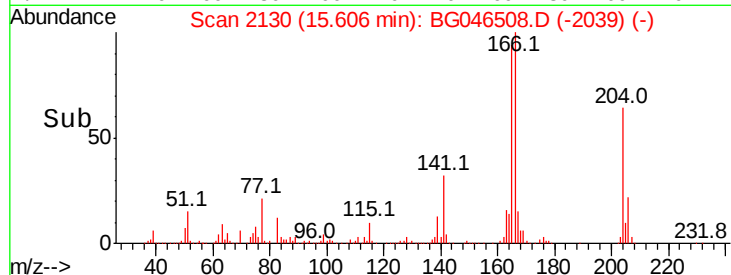
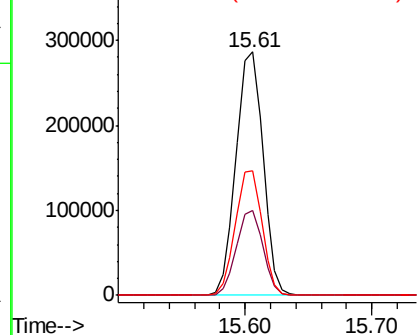
#61
4-Chlorophenyl-phenylether
Concen: 47.463 ng
RT: 15.61 min Scan# 2130
Delta R.T. 0.00 min
Lab File: BG046508.D
Acq: 2 Sep 2020 18:11

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

Tot Ion:204 Resp: 420984
Ion Ratio Lower Upper
204 100
206 34.8 27.7 41.5
141 51.1 38.7 58.1

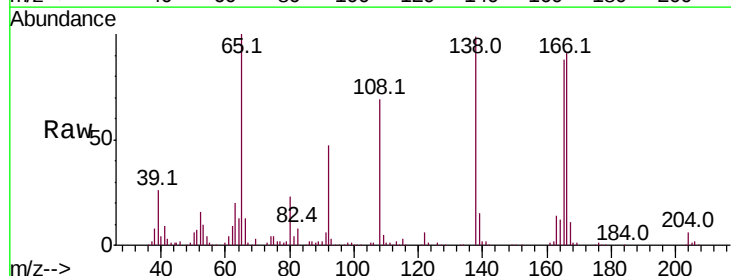


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

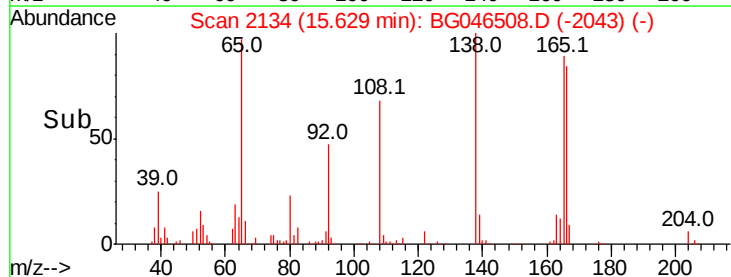
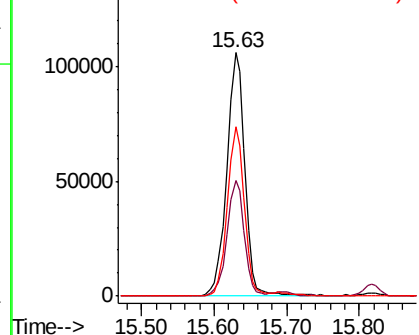


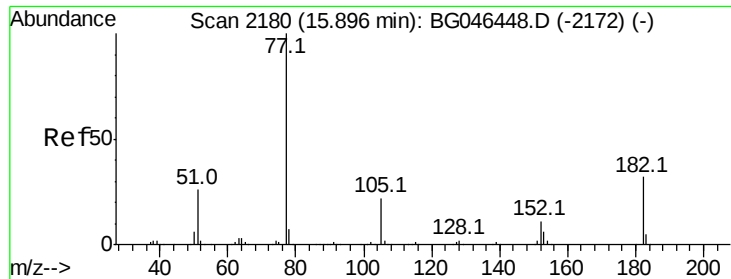
#62
4-Nitroaniline
Concen: 43.984 ng
RT: 15.63 min Scan# 2134
Delta R.T. 0.00 min
Lab File: BG046508.D
Acq: 2 Sep 2020 18:11

Tgt Ion:138 Resp: 184867
Ion Ratio Lower Upper
138 100
92 47.6 25.3 65.3
108 69.5 46.7 86.7



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

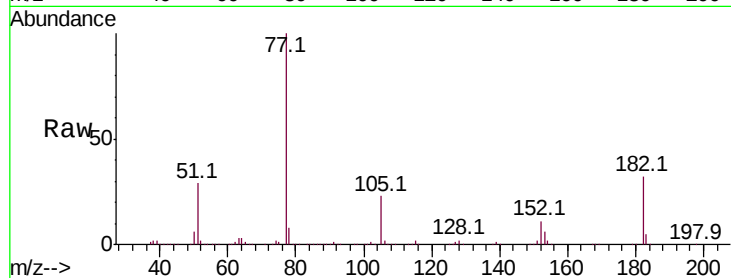




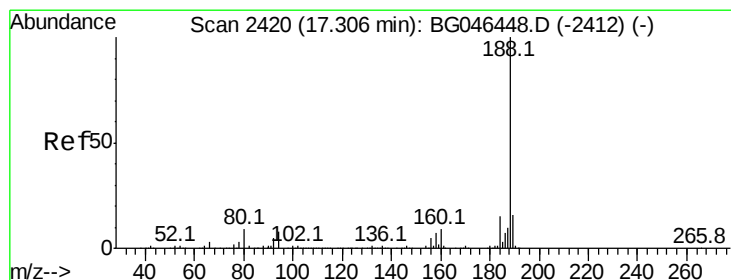
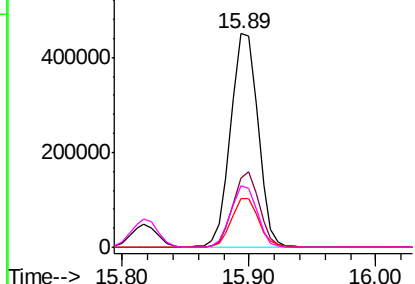
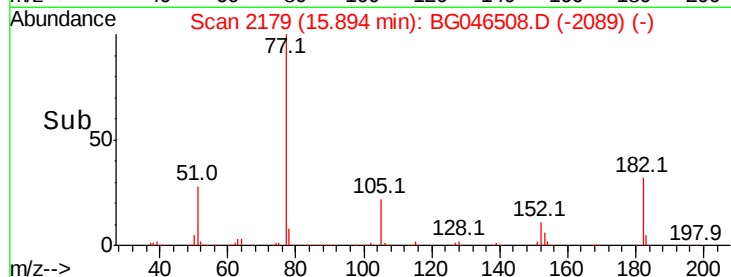
#63
Azobenzene
Concen: 50.760 ng
RT: 15.89 min Scan# 2179
Delta R.T. -0.00 min
Lab File: BG046508.D
Acq: 2 Sep 2020 18:11

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

Tot Ion: 77 Resp: 671596
Ion Ratio Lower Upper
77 100
182 32.2 12.3 52.3
105 22.7 2.3 42.3
51 28.5 6.5 46.5

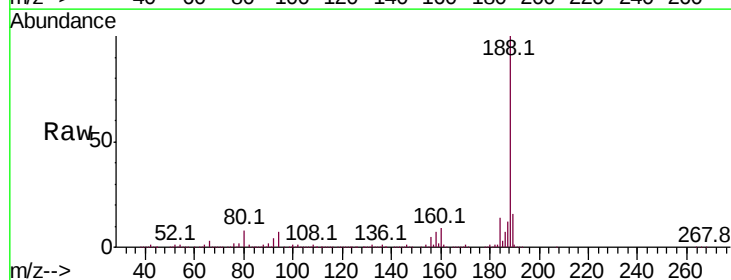


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

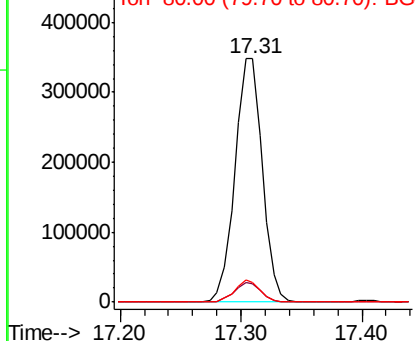
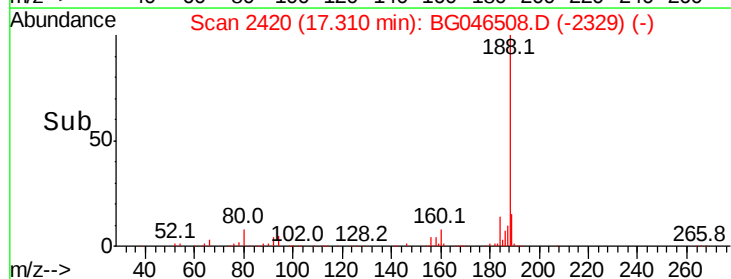


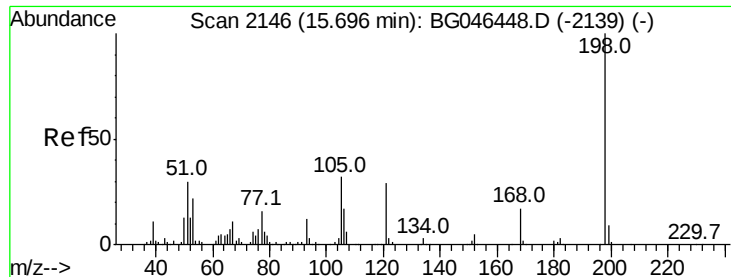
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.31 min Scan# 2420
Delta R.T. 0.00 min
Lab File: BG046508.D
Acq: 2 Sep 2020 18:11

Tgt Ion: 188 Resp: 548833
Ion Ratio Lower Upper
188 100
94 7.3 6.3 9.5
80 8.1 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: 52.492 ng

RT: 15.69 min Scan# 2145

Delta R.T. 0.00 min

Lab File: BG046508.D

Acq: 2 Sep 2020 18:11

Instrument :

BNA_G

ClientSampleId :

789UMR-DSP01-01MS

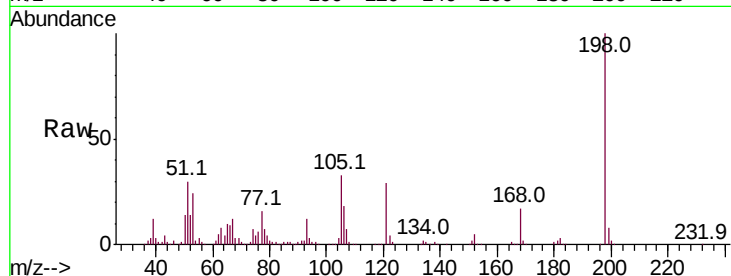
Tot Ion:198 Resp: 163063

Ion Ratio Lower Upper

198 100

51 30.3 10.4 50.4

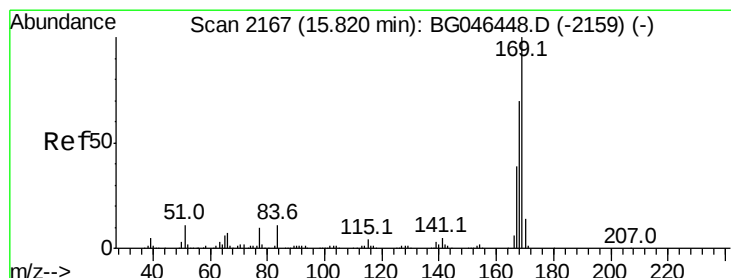
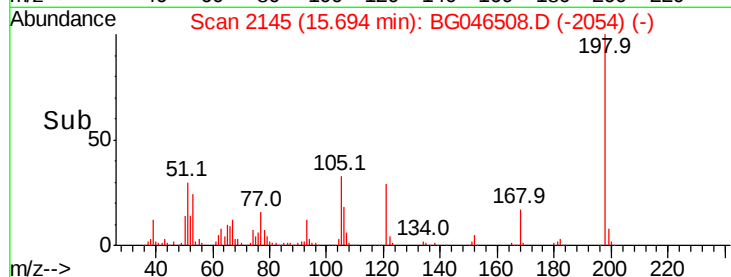
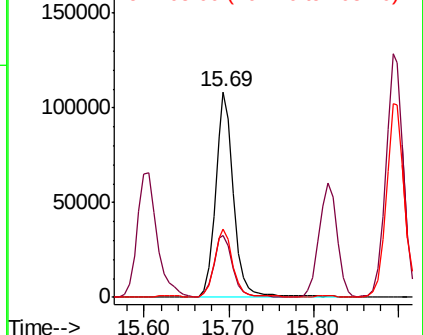
105 33.4 12.4 52.4



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 48.824 ng

RT: 15.82 min Scan# 2166

Delta R.T. 0.00 min

Lab File: BG046508.D

Acq: 2 Sep 2020 18:11

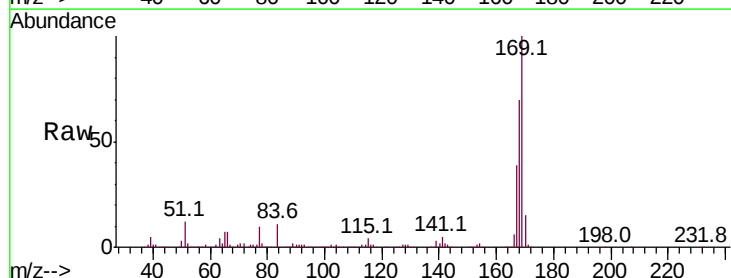
Tgt Ion:169 Resp: 722906

Ion Ratio Lower Upper

169 100

168 70.0 55.8 83.8

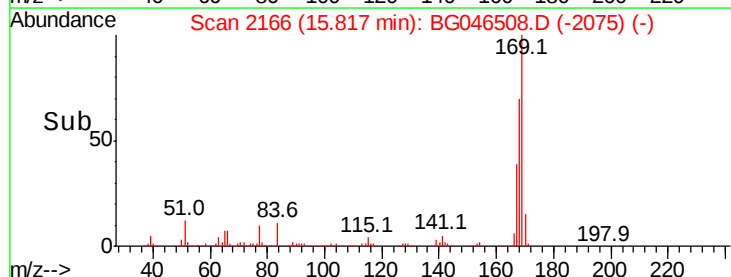
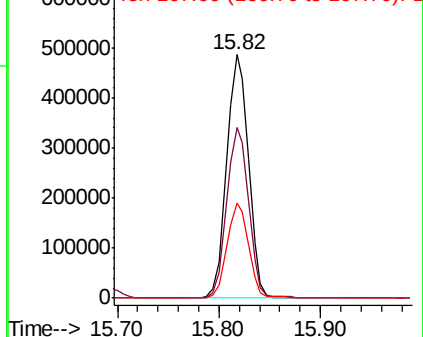
167 38.9 31.0 46.6

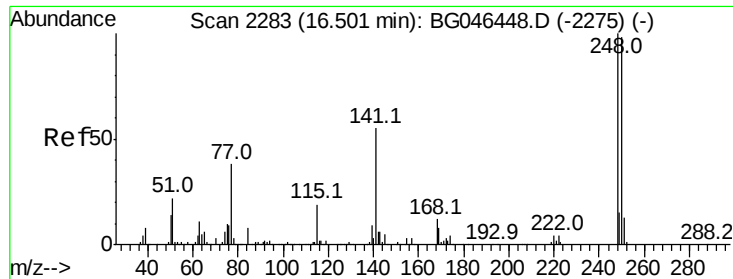


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





#67

4-Bromophenyl-phenylether

Concen: 47.074 ng

RT: 16.50 min Scan# 2282

Delta R.T. 0.00 min

Lab File: BG046508.D

Acq: 2 Sep 2020 18:11

Instrument :

BNA_G

ClientSampleId :

789UMR-DSP01-01MS

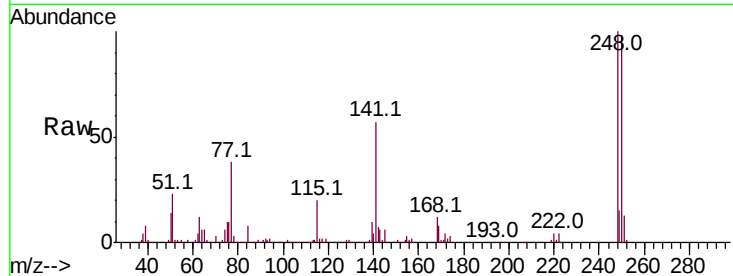
Tot Ion:248 Resp: 301420

Ion Ratio Lower Upper

248 100

250 97.7 78.6 118.0

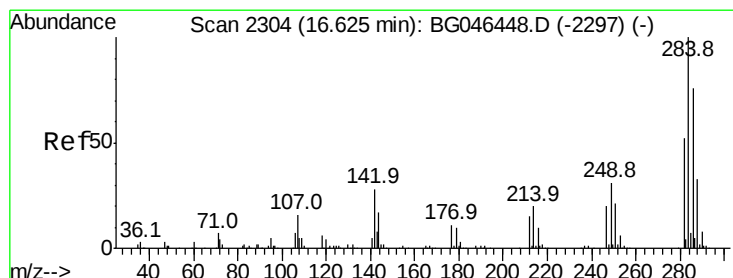
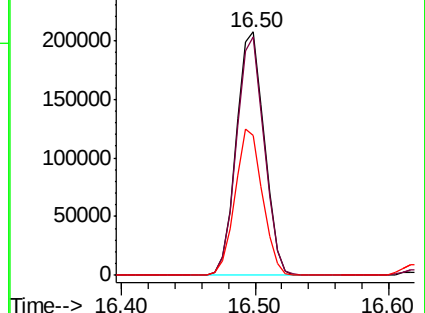
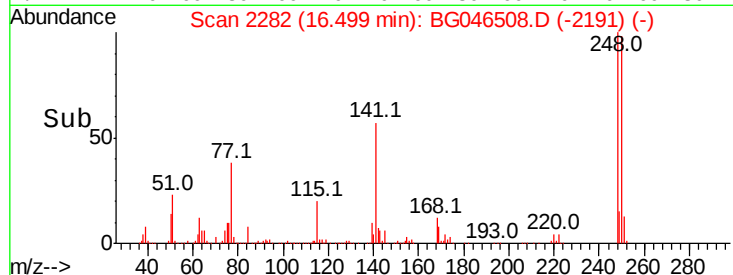
141 57.2 43.9 65.9



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: 44.898 ng

RT: 16.62 min Scan# 2303

Delta R.T. -0.00 min

Lab File: BG046508.D

Acq: 2 Sep 2020 18:11

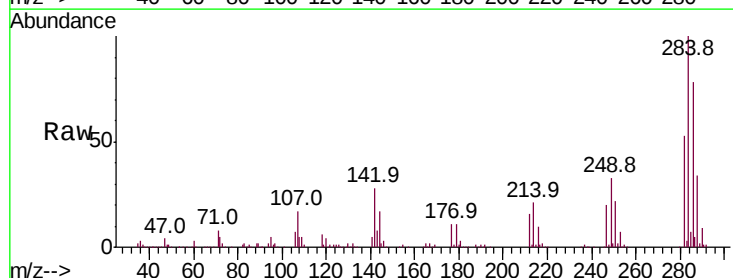
Tgt Ion:284 Resp: 318386

Ion Ratio Lower Upper

284 100

142 28.2 22.3 33.5

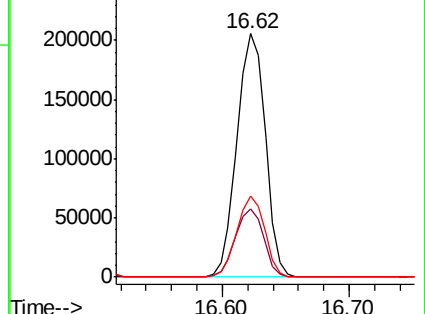
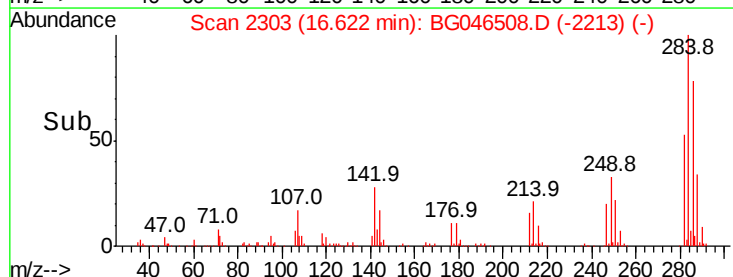
249 33.3 24.8 37.2

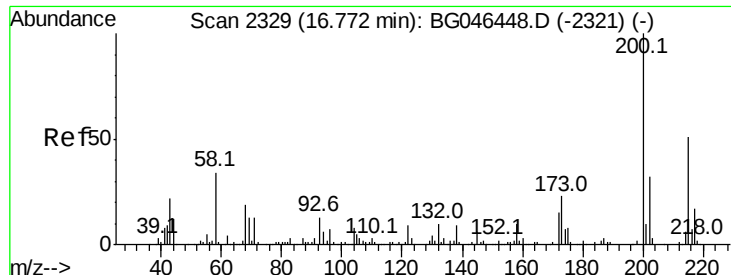


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

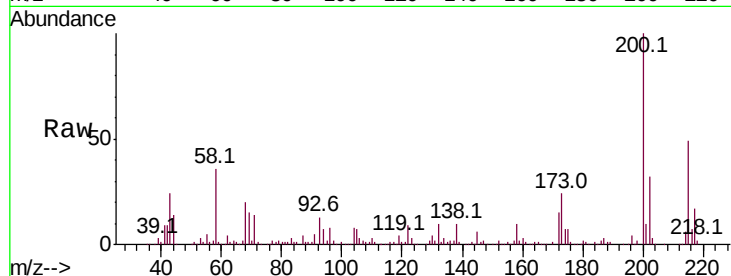




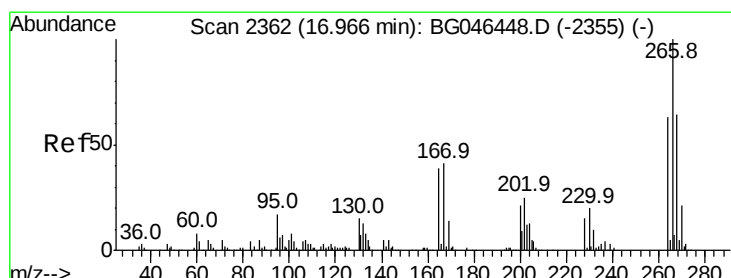
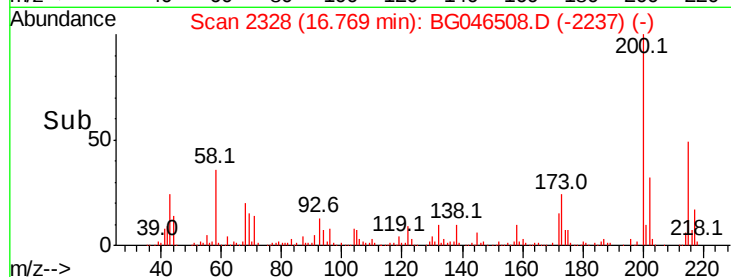
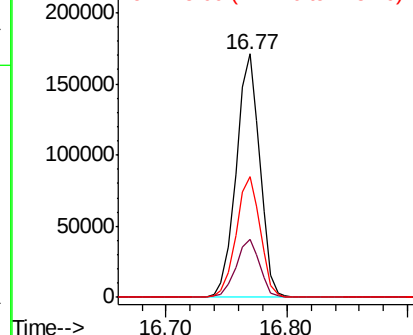
#69
Atrazine
Concen: 38.537 ng
RT: 16.77 min Scan# 2328
Delta R.T. 0.00 min
Lab File: BG046508.D
Acq: 2 Sep 2020 18:11

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

Tot Ion	Ratio	Lower	Upper
200	100		
173	23.9	3.3	43.3
215	49.5	30.9	70.9

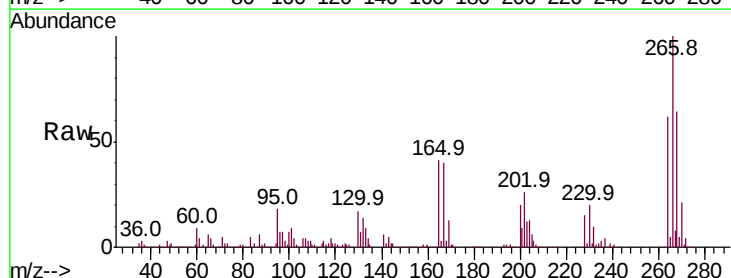


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

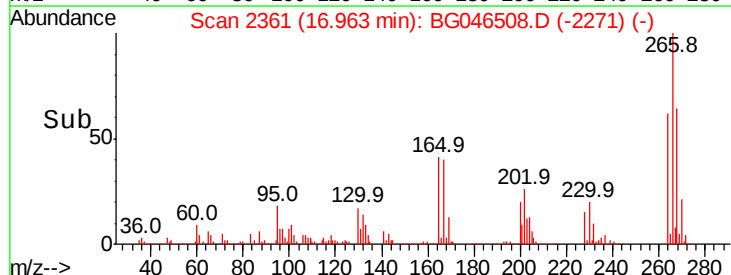
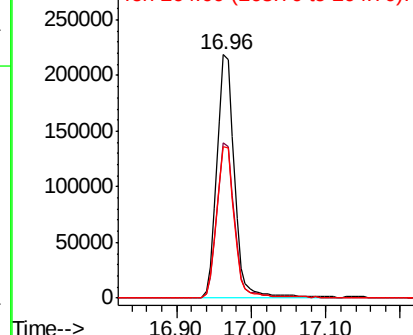


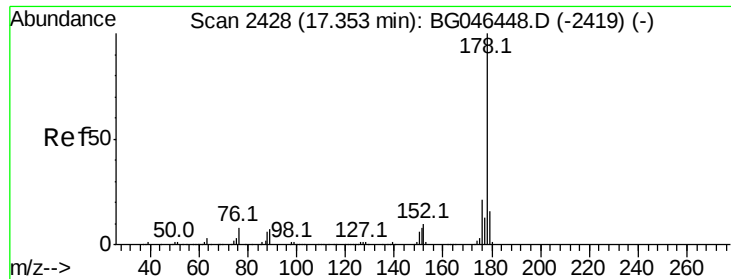
#70
Pentachlorophenol
Concen: 97.544 ng
RT: 16.96 min Scan# 2361
Delta R.T. -0.00 min
Lab File: BG046508.D
Acq: 2 Sep 2020 18:11

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.0	51.1	76.7
264	62.2	50.2	75.2



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E

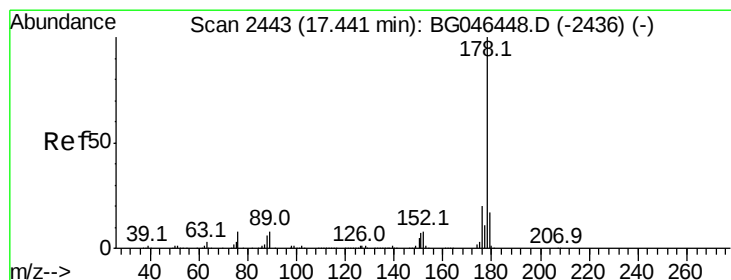
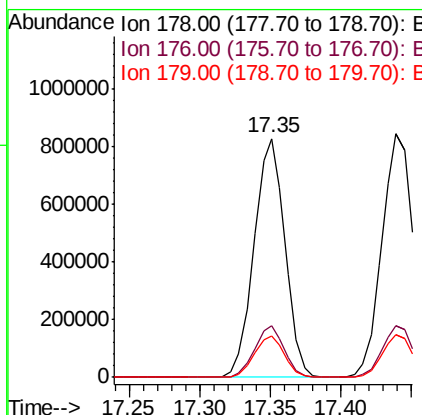
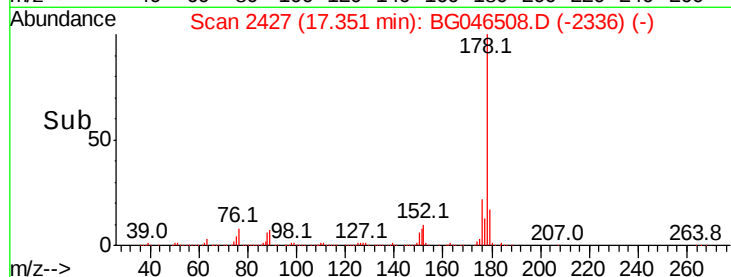
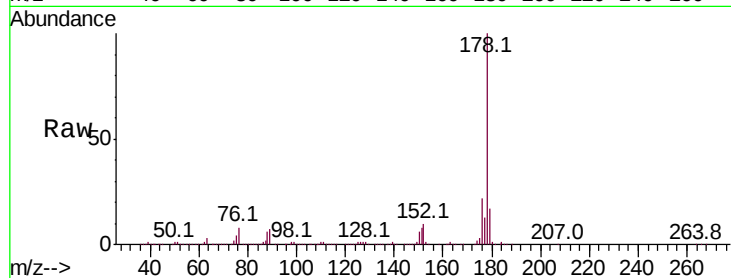




#71
Phenanthrene
Concen: 45.744 ng
RT: 17.35 min Scan# 2427
Delta R.T. 0.00 min
Lab File: BG046508.D
Acq: 2 Sep 2020 18:11

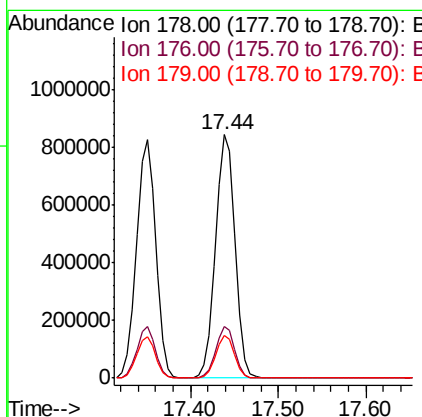
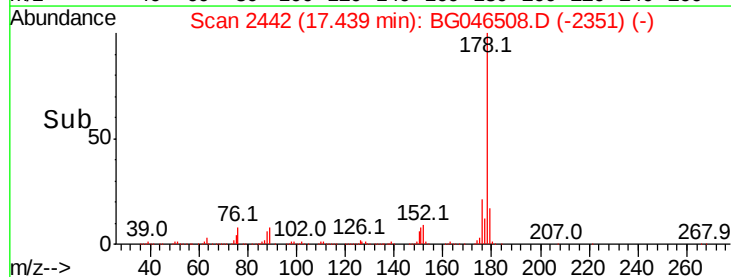
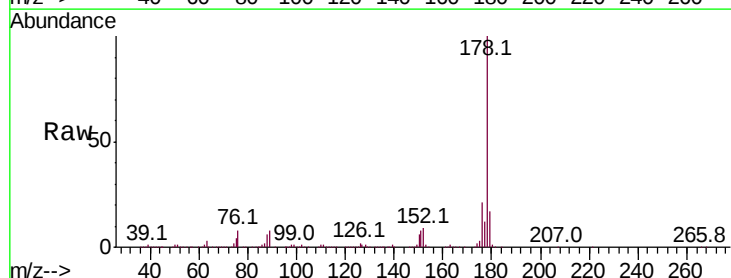
Instrument :
BNA_G
ClientSampleId :
789UMR-DSP01-01MS

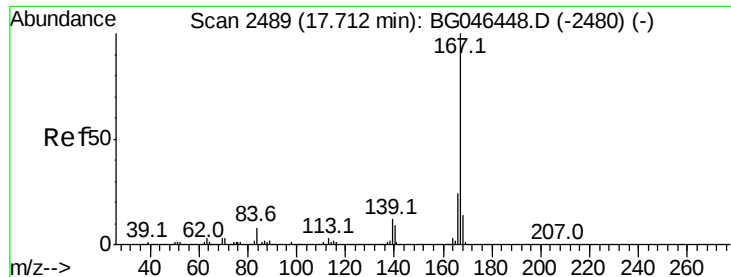
Tot Ion:178 Resp: 1272530
Ion Ratio Lower Upper
178 100
176 21.7 16.8 25.2
179 17.3 13.2 19.8



#72
Anthracene
Concen: 47.787 ng
RT: 17.44 min Scan# 2442
Delta R.T. 0.00 min
Lab File: BG046508.D
Acq: 2 Sep 2020 18:11

Tgt Ion:178 Resp: 1311587
Ion Ratio Lower Upper
178 100
176 21.0 16.1 24.1
179 17.5 13.3 19.9

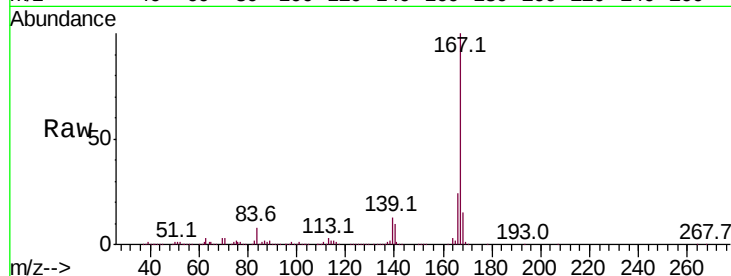




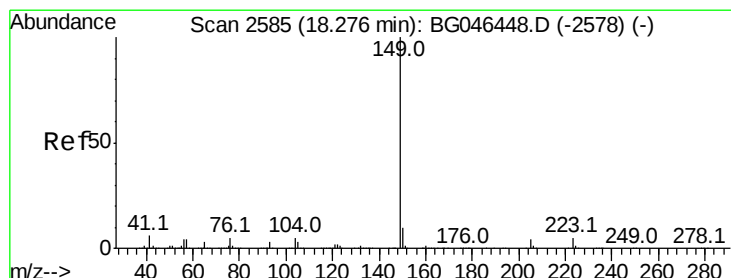
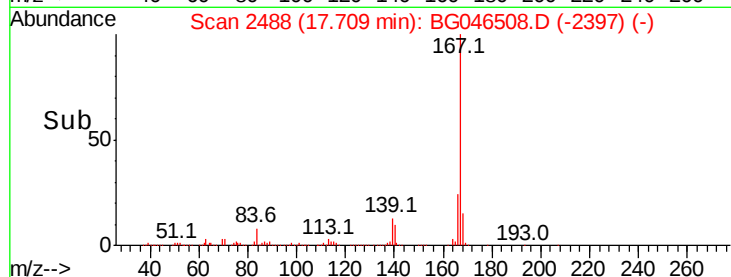
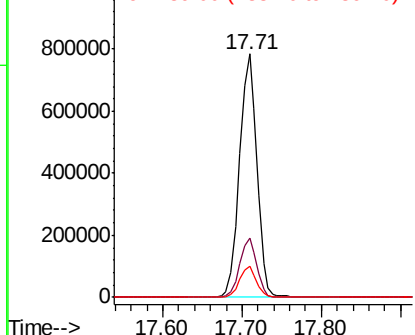
#73
 Carbazole
 Concen: 45.984 ng
 RT: 17.71 min Scan# 2488
 Delta R.T. 0.00 min
 Lab File: BG046508.D
 Acq: 2 Sep 2020 18:11

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

Tot Ion:167 Resp: 1191644
 Ion Ratio Lower Upper
 167 100
 166 24.2 19.3 28.9
 139 12.6 9.7 14.5

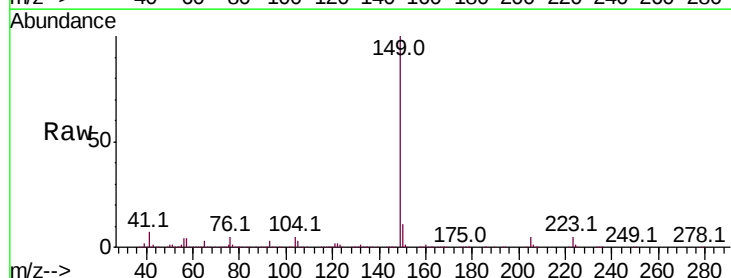


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

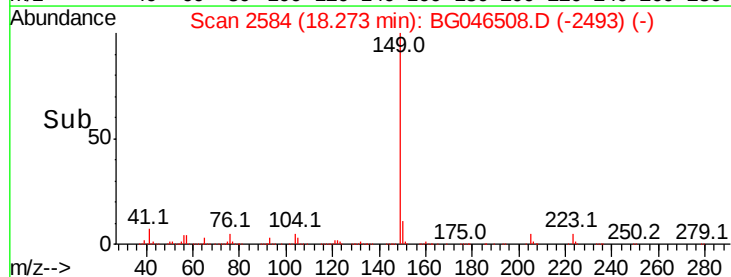
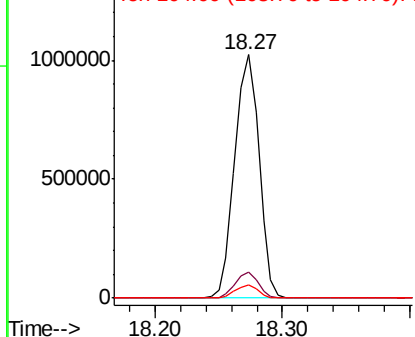


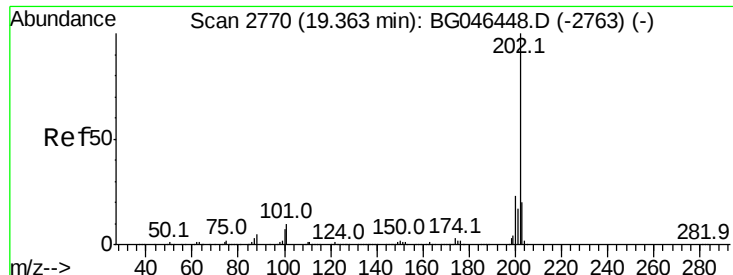
#74
 Di-n-butylphthalate
 Concen: 45.498 ng
 RT: 18.27 min Scan# 2584
 Delta R.T. 0.00 min
 Lab File: BG046508.D
 Acq: 2 Sep 2020 18:11

Tgt Ion:149 Resp: 1355790
 Ion Ratio Lower Upper
 149 100
 150 10.7 8.1 12.1
 104 5.2 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 43.548 ng

RT: 19.36 min Scan# 2769

Delta R.T. 0.00 min

Lab File: BG046508.D

Acq: 2 Sep 2020 18:11

Instrument :

BNA_G

ClientSampleId :

789UMR-DSP01-01MS

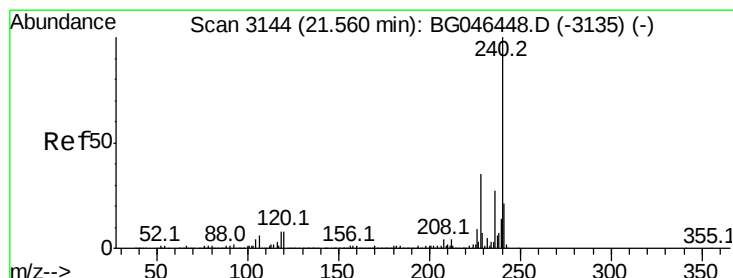
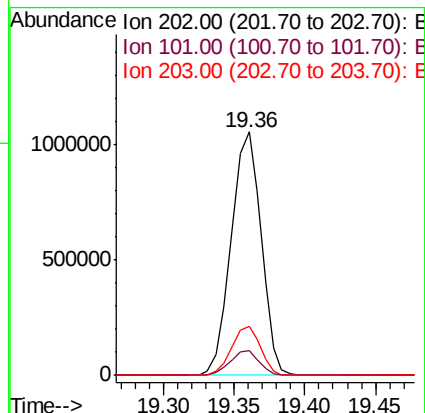
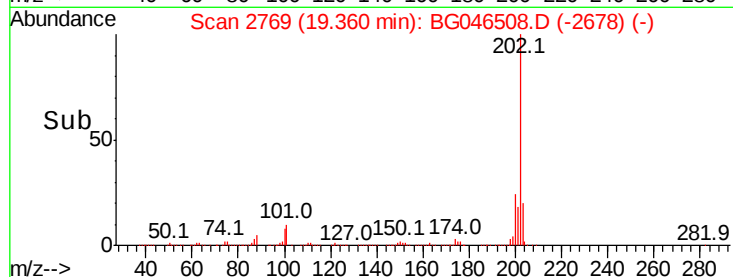
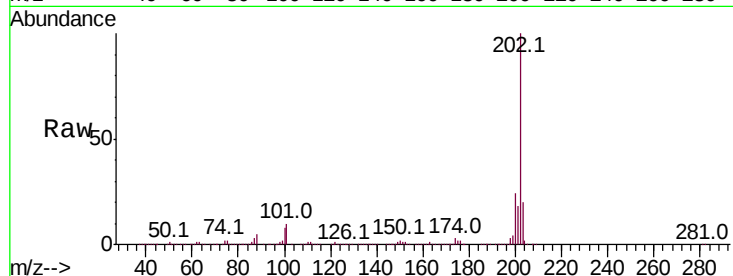
Tot Ion:202 Resp: 1559024

Ion Ratio Lower Upper

202 100

101 10.0 0.0 29.9

203 20.3 0.0 40.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.56 min Scan# 3143

Delta R.T. 0.00 min

Lab File: BG046508.D

Acq: 2 Sep 2020 18:11

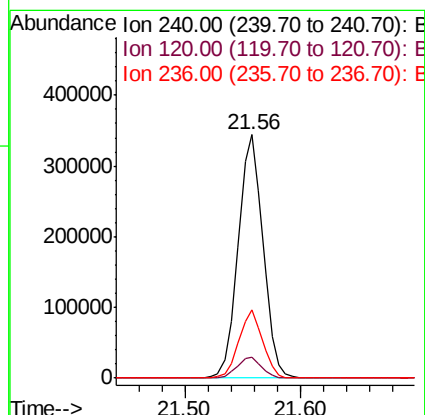
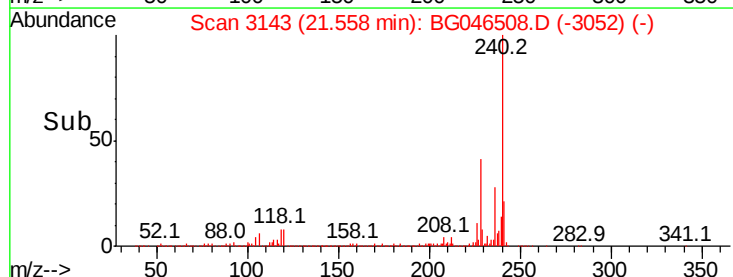
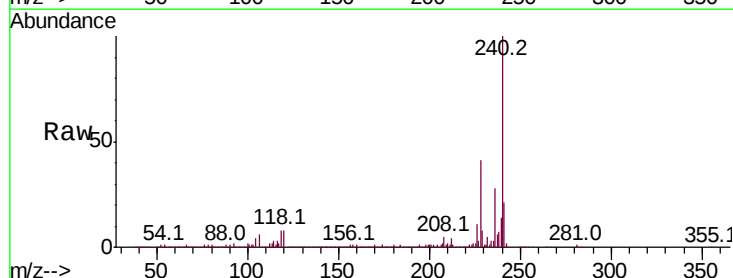
Tgt Ion:240 Resp: 512583

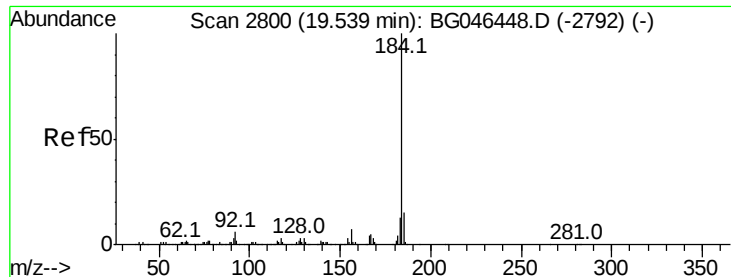
Ion Ratio Lower Upper

240 100

120 8.4 6.6 10.0

236 27.8 21.4 32.2





#77

Benzidine

Concen: 26.306 ng

RT: 19.54 min Scan# 2799

Delta R.T. 0.00 min

Lab File: BG046508.D

Acq: 2 Sep 2020 18:11

Instrument :

BNA_G

ClientSampleId :

789UMR-DSP01-01MS

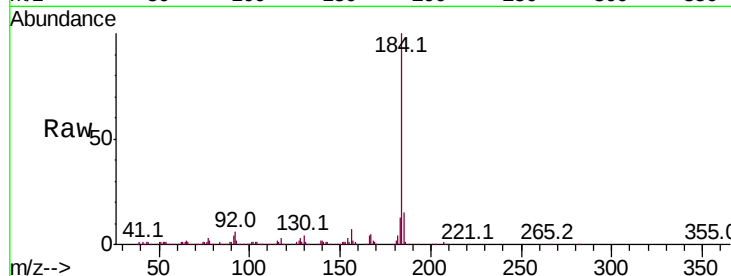
Tot Ion:184 Resp: 313322

Ion Ratio Lower Upper

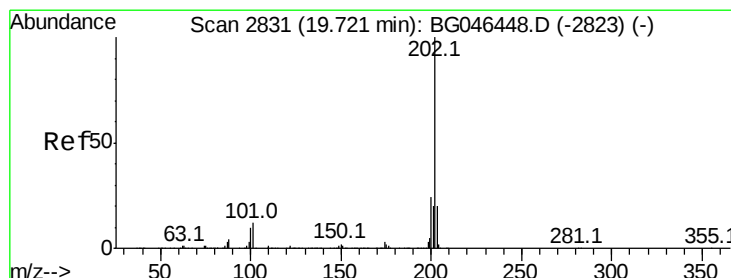
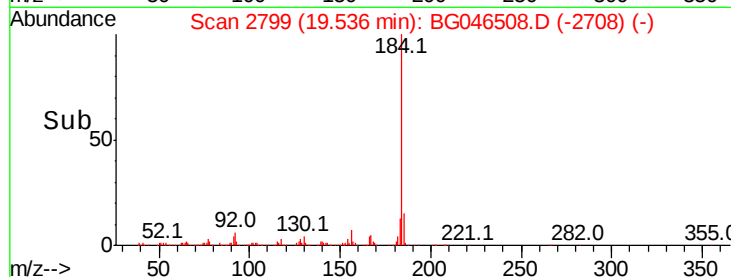
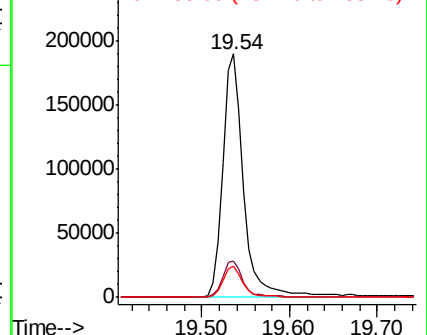
184 100

185 15.1 11.8 17.8

183 12.7 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: 47.592 ng

RT: 19.72 min Scan# 2830

Delta R.T. 0.00 min

Lab File: BG046508.D

Acq: 2 Sep 2020 18:11

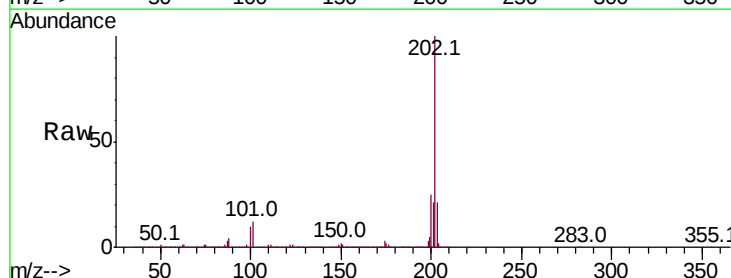
Tgt Ion:202 Resp: 1553427

Ion Ratio Lower Upper

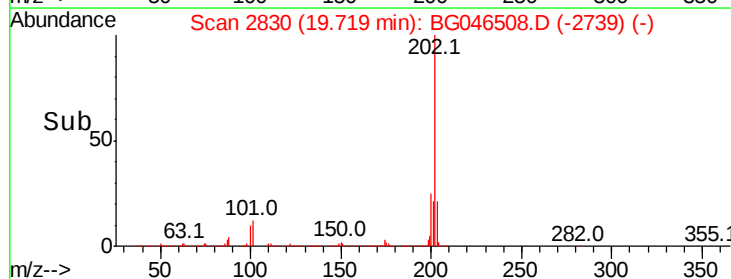
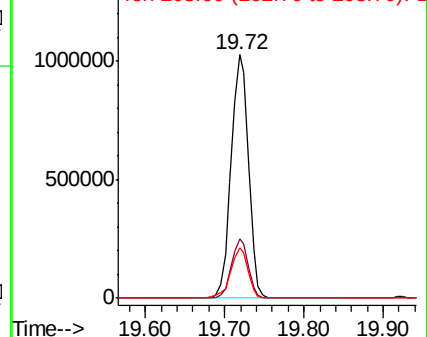
202 100

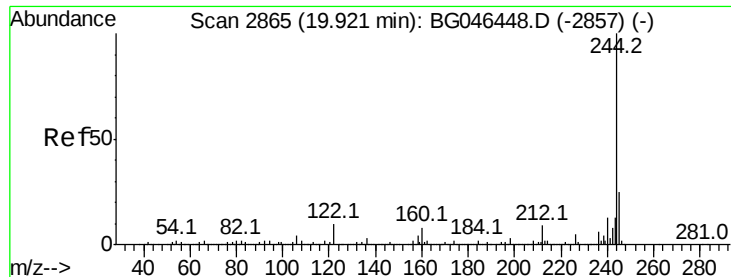
200 24.6 18.9 28.3

203 20.7 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: 77.805 ng

RT: 19.92 min Scan# 2864

Delta R.T. -0.00 min

Lab File: BG046508.D

Acq: 2 Sep 2020 18:11

Instrument :

BNA_G

ClientSampleId :

789UMR-DSP01-01MS

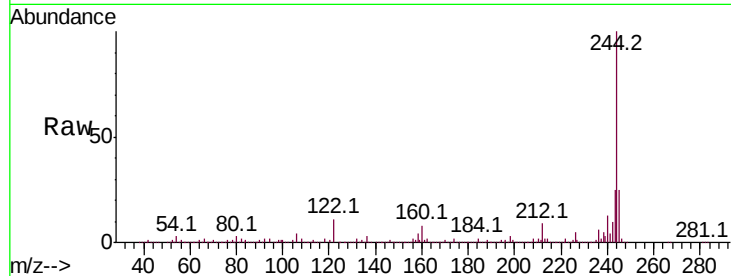
Tot Ion:244 Resp: 1873981

Ion Ratio Lower Upper

244 100

212 9.0 6.9 10.3

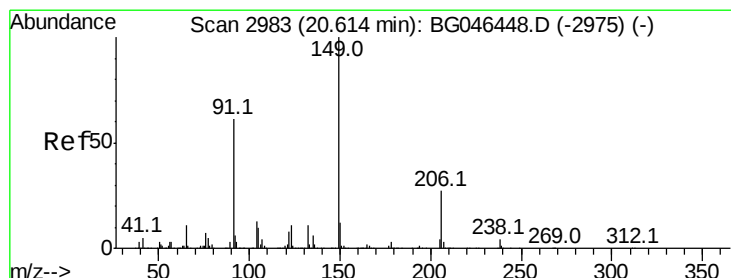
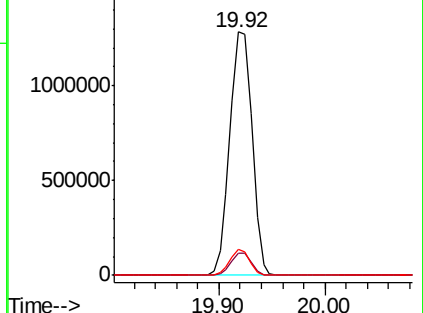
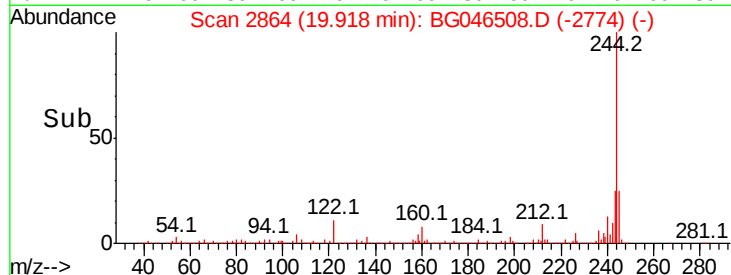
122 10.6 8.2 12.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 48.094 ng

RT: 20.61 min Scan# 2982

Delta R.T. 0.00 min

Lab File: BG046508.D

Acq: 2 Sep 2020 18:11

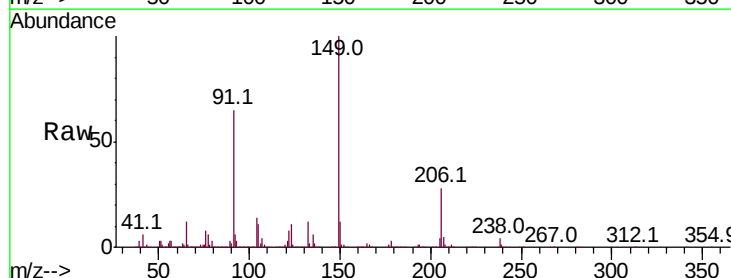
Tgt Ion:149 Resp: 612319

Ion Ratio Lower Upper

149 100

91 65.1 49.1 73.7

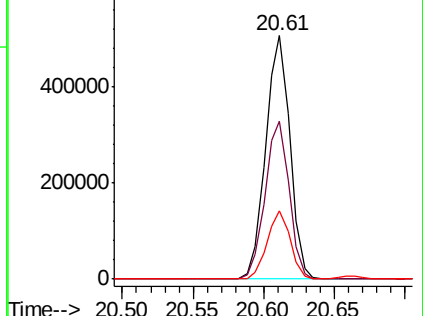
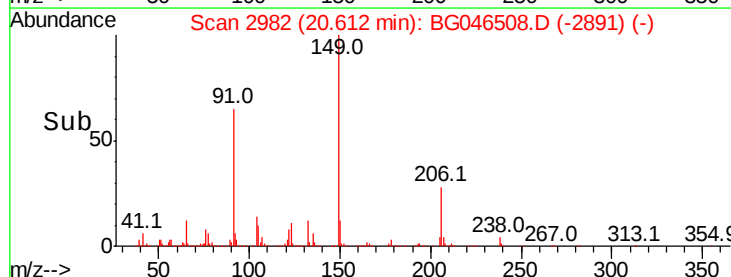
206 28.0 21.9 32.9

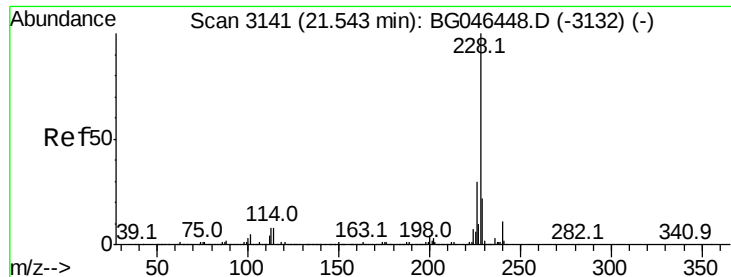


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 46.680 ng

RT: 21.54 min Scan# 3140

Delta R.T. 0.00 min

Lab File: BG046508.D

Acq: 2 Sep 2020 18:11

Instrument :

BNA_G

ClientSampleId :

789UMR-DSP01-01MS

Tot Ion:228 Resp: 1491382

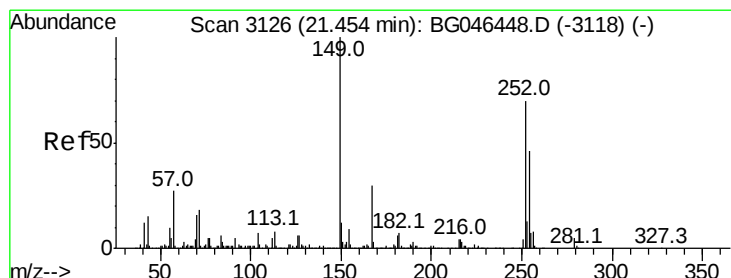
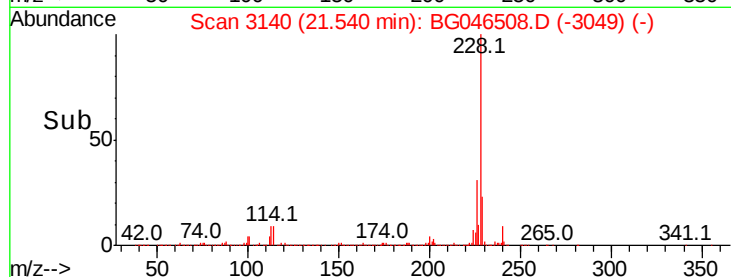
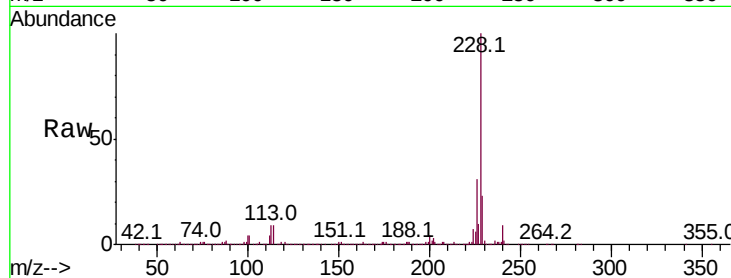
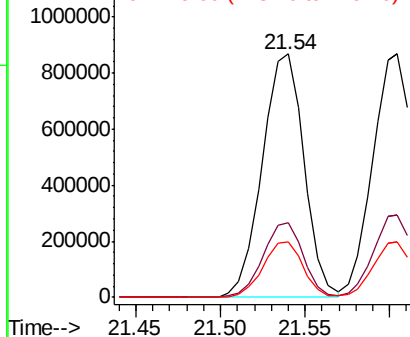
Ion	Ratio	Lower	Upper
228	100		
226	30.9	24.2	36.4
229	22.7	17.4	26.2

Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 24.335 ng

RT: 21.45 min Scan# 3125

Delta R.T. -0.00 min

Lab File: BG046508.D

Acq: 2 Sep 2020 18:11

Tgt Ion:252 Resp: 288533

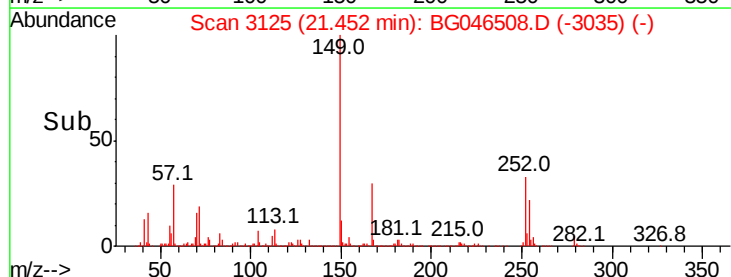
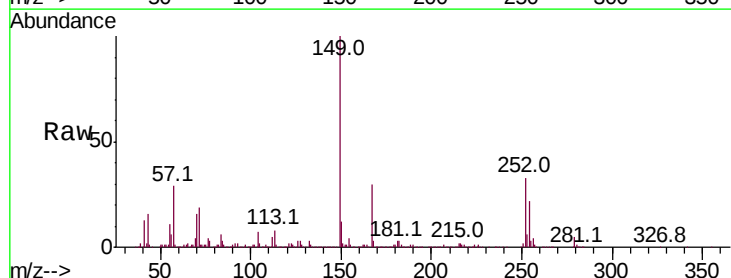
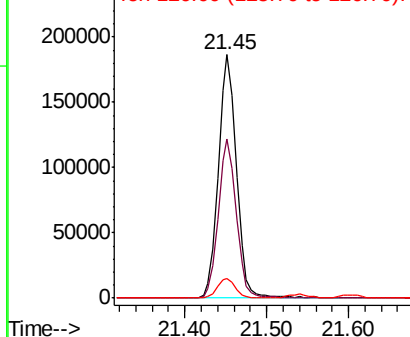
Ion	Ratio	Lower	Upper
252	100		
254	65.5	51.9	77.9
126	8.2	7.4	11.0

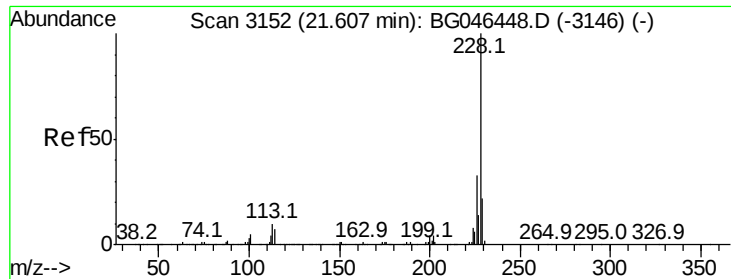
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



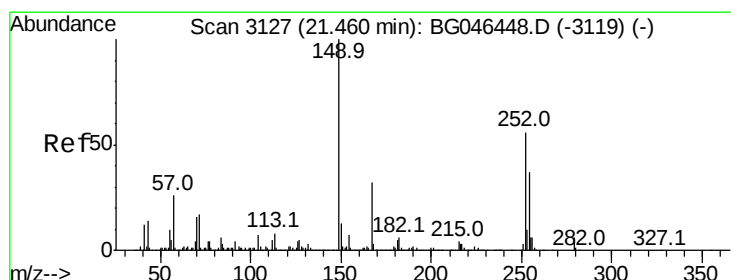
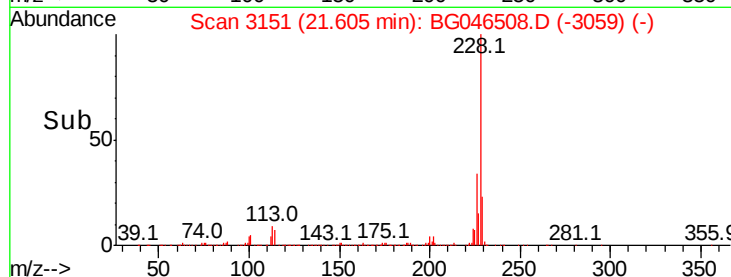
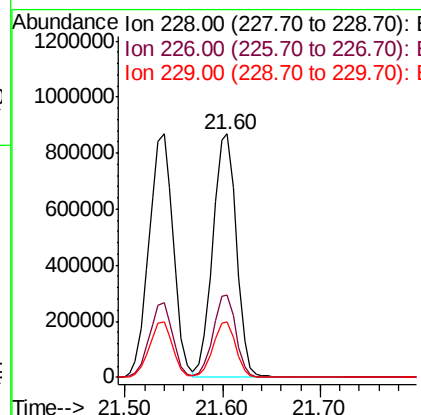
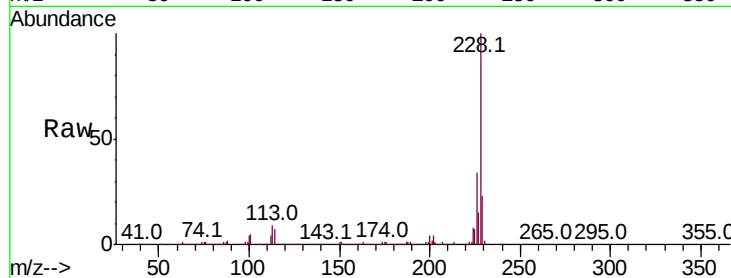


#83
 Chrysene
 Concen: 47.287 ng
 RT: 21.60 min Scan# 3151
 Delta R.T. 0.01 min
 Lab File: BG046508.D
 Acq: 2 Sep 2020 18:11

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

Tot Ion:228 Resp: 1453241

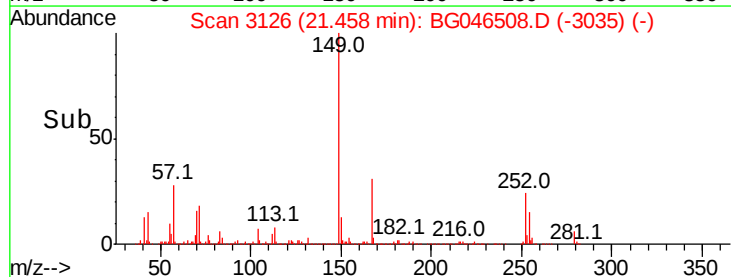
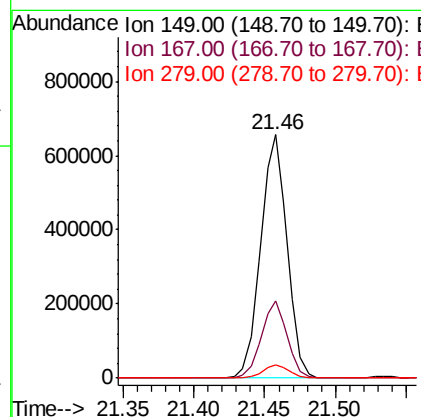
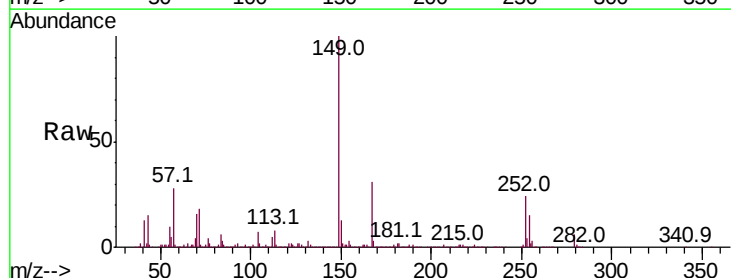
Ion	Ratio	Lower	Upper
228	100		
226	34.0	26.2	39.4
229	22.7	17.9	26.9

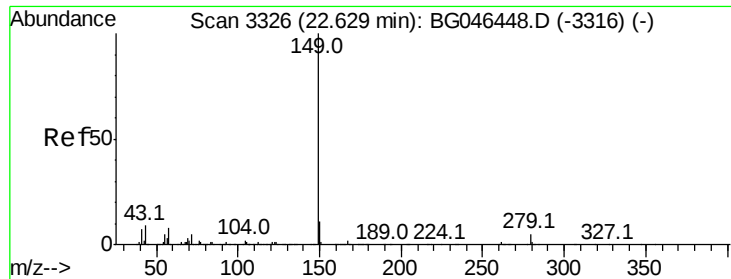


#84
 Bis(2-ethylhexyl)phthalate
 Concen: 49.538 ng
 RT: 21.46 min Scan# 3126
 Delta R.T. 0.00 min
 Lab File: BG046508.D
 Acq: 2 Sep 2020 18:11

Tgt Ion:149 Resp: 860716

Ion	Ratio	Lower	Upper
149	100		
167	31.5	25.4	38.2
279	5.7	4.5	6.7





#85

Di-n-octyl phthalate

Concen: 50.150 ng

RT: 22.63 min Scan# 3325

Delta R.T. 0.00 min

Lab File: BG046508.D

Acq: 2 Sep 2020 18:11

Instrument :

BNA_G

ClientSampleId :

789UMR-DSP01-01MS

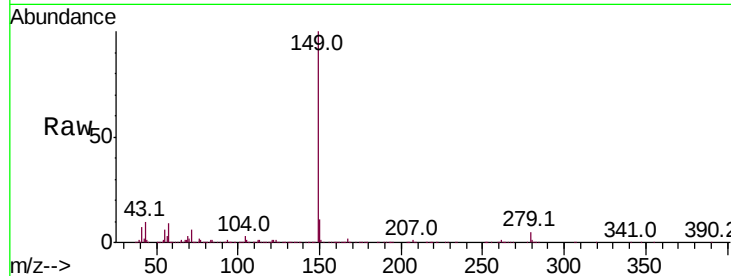
Tot Ion:149 Resp: 1491986

Ion Ratio Lower Upper

149 100

167 1.9 1.5 2.3

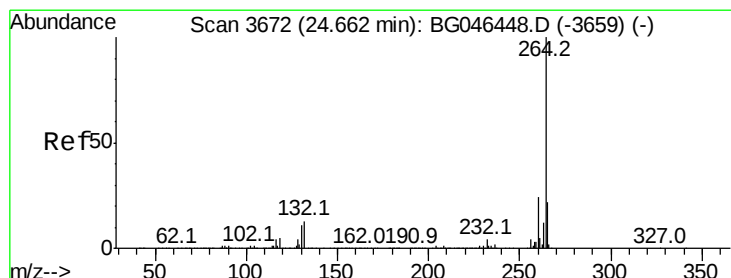
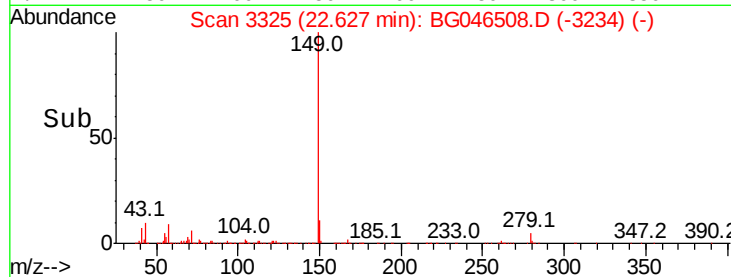
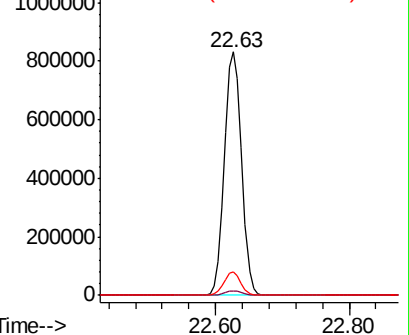
43 9.2 7.0 10.4



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): BGC



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.66 min Scan# 3671

Delta R.T. 0.00 min

Lab File: BG046508.D

Acq: 2 Sep 2020 18:11

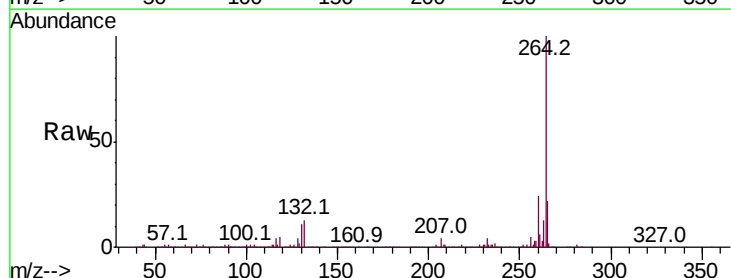
Tgt Ion:264 Resp: 554800

Ion Ratio Lower Upper

264 100

260 23.5 19.2 28.8

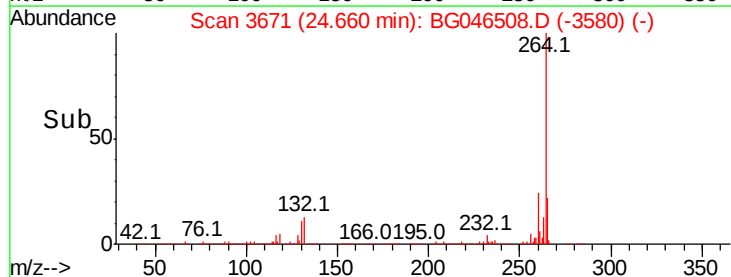
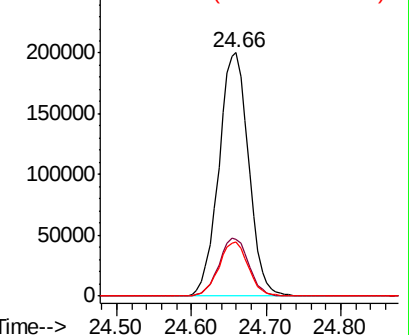
265 22.4 17.9 26.9

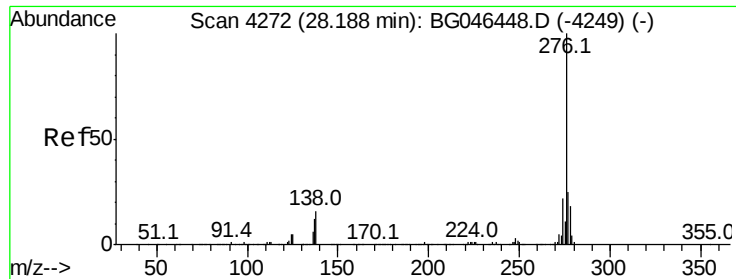


Abundance Ion 264.00 (263.70 to 264.70): E

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: 46.889 ng

RT: 28.18 min Scan# 4270

Delta R.T. 0.01 min

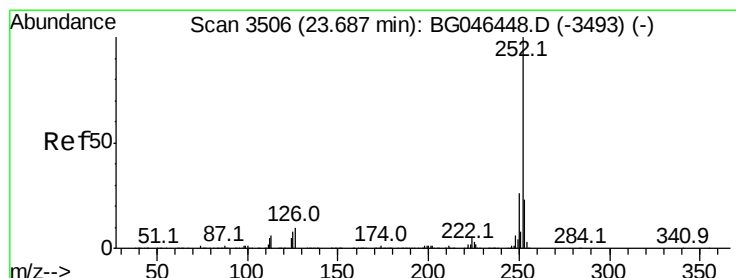
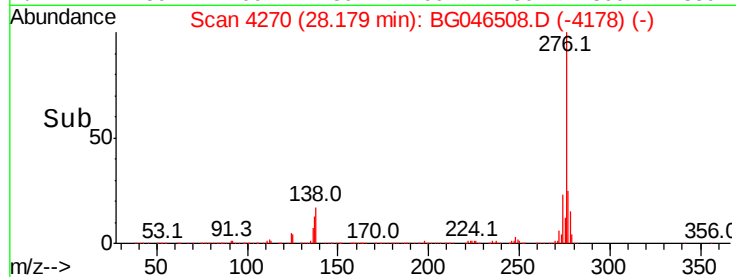
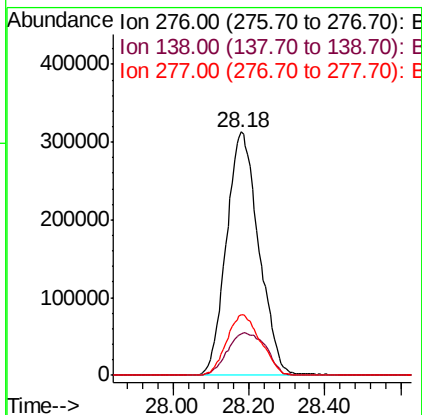
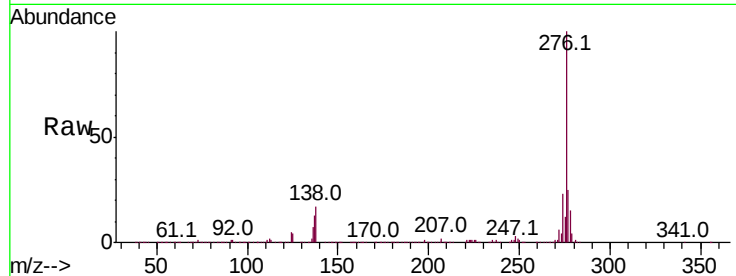
Lab File: BG046508.D

Acq: 2 Sep 2020 18:11

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

Tot Ion:276 Resp: 1868367

Ion	Ratio	Lower	Upper
276	100		
138	20.7	16.5	24.7
277	26.2	20.7	31.1



#88

Benzo(b)fluoranthene

Concen: 46.298 ng

RT: 23.68 min Scan# 3505

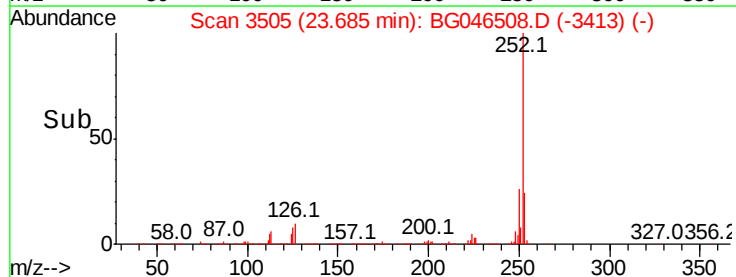
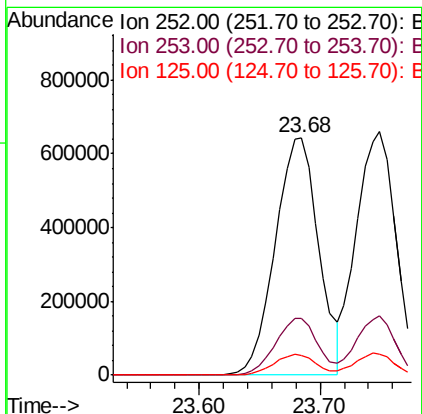
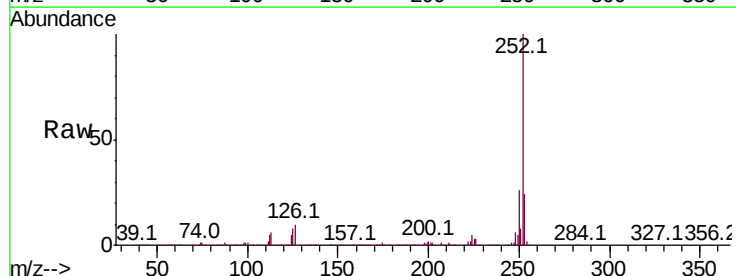
Delta R.T. 0.01 min

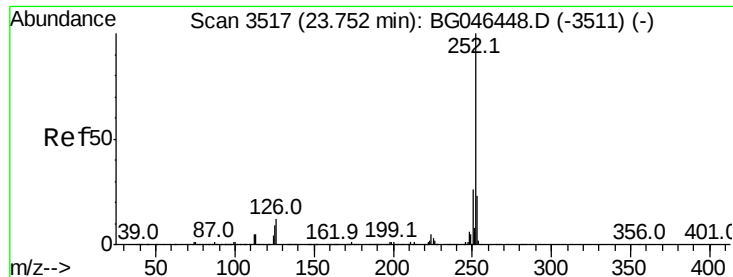
Lab File: BG046508.D

Acq: 2 Sep 2020 18:11

Tgt Ion:252 Resp: 1603861

Ion	Ratio	Lower	Upper
252	100		
253	23.8	18.2	27.4
125	8.3	6.2	9.2





#89

Benzo(k)fluoranthene

Concen: 44.902 ng

RT: 23.75 min Scan# 3516

Delta R.T. 0.00 min

Lab File: BG046508.D

Acq: 2 Sep 2020 18:11

Instrument :

BNA_G

ClientSampleId :

789UMR-DSP01-01MS

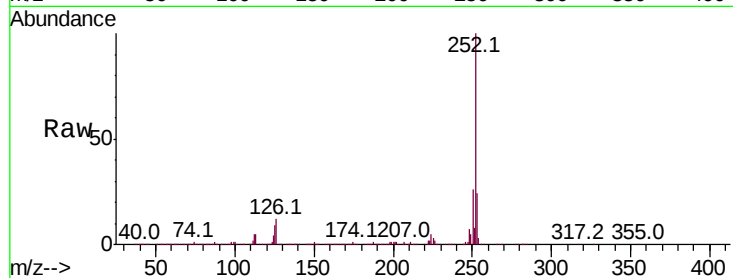
Tot Ion:252 Resp: 1503340

Ion Ratio Lower Upper

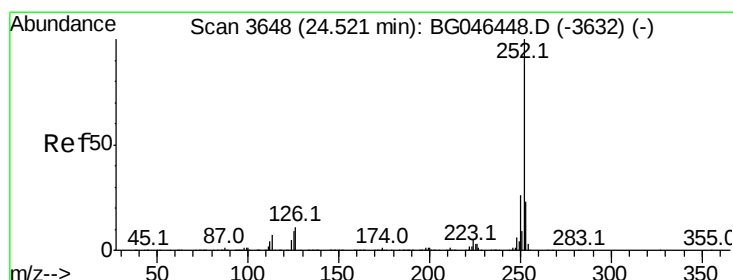
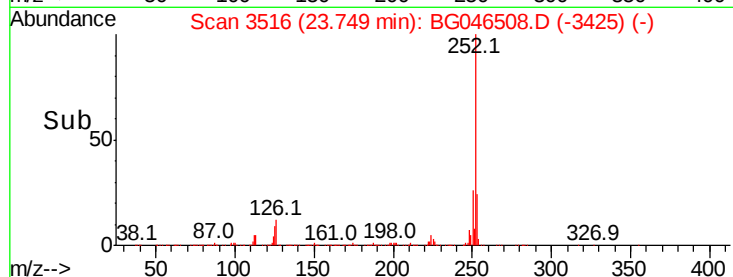
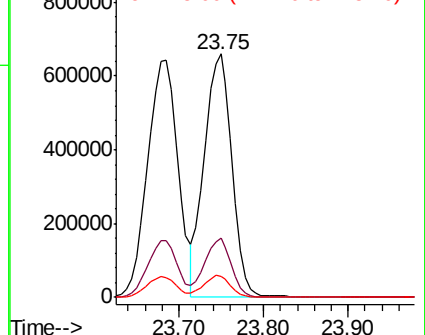
252 100

253 24.3 18.5 27.7

125 8.7 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: 44.852 ng

RT: 24.52 min Scan# 3647

Delta R.T. 0.01 min

Lab File: BG046508.D

Acq: 2 Sep 2020 18:11

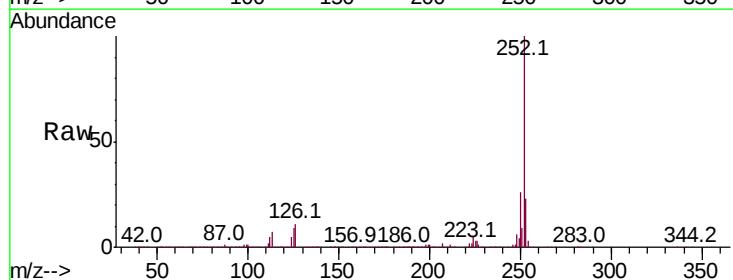
Tgt Ion:252 Resp: 1450027

Ion Ratio Lower Upper

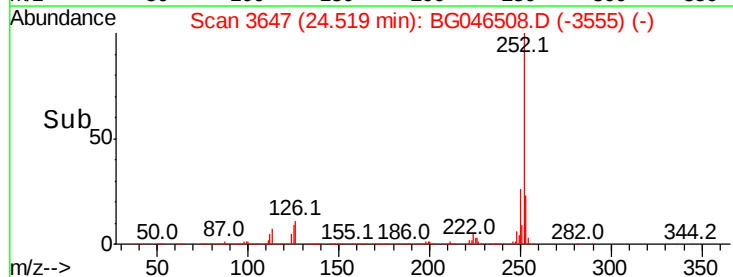
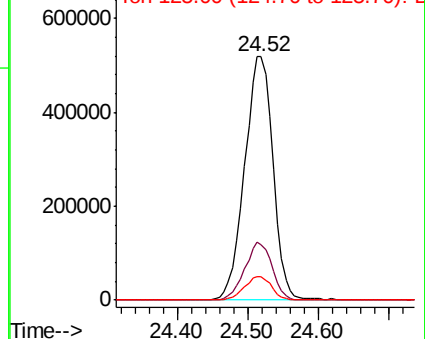
252 100

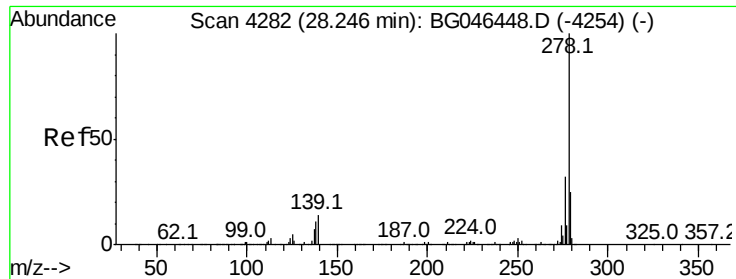
253 23.0 18.2 27.4

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



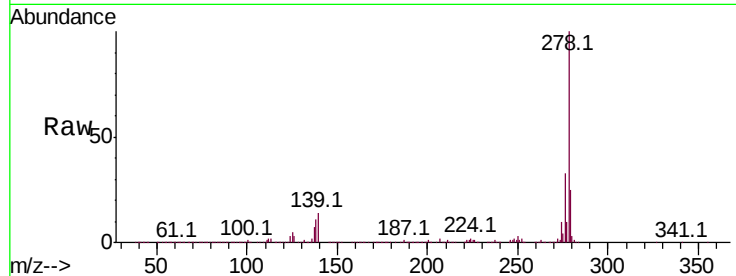


#91
Dibenzo(a,h)anthracene
Concen: 47.434 ng
RT: 28.24 min Scan# 4280
Delta R.T. 0.01 min
Lab File: BG046508.D
Acq: 2 Sep 2020 18:11

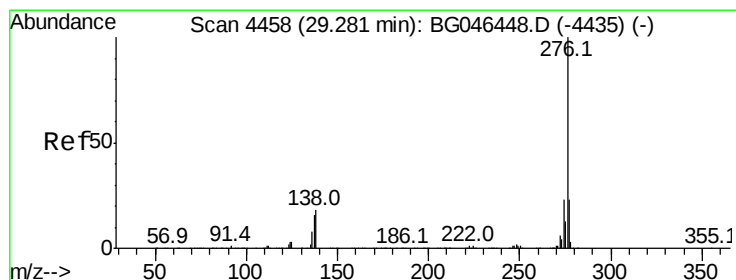
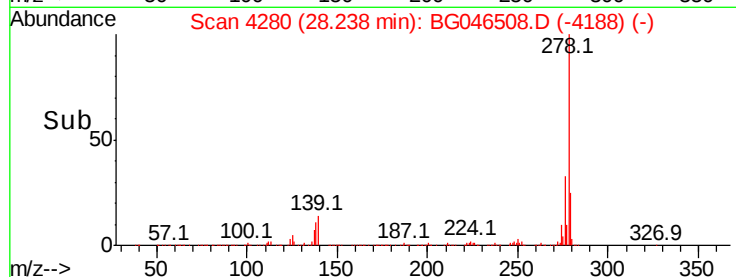
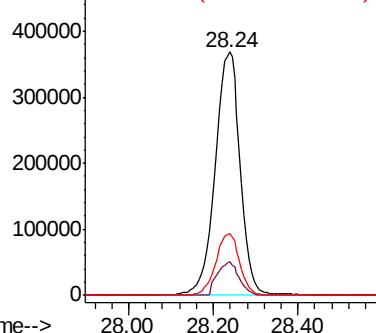
Instrument :
BNA_G
ClientSampleId :
789UMR-DSP01-01MS

Tot Ion:278 Resp: 1525263

Ion	Ratio	Lower	Upper
278	100		
139	13.6	11.2	16.8
279	25.3	19.8	29.8



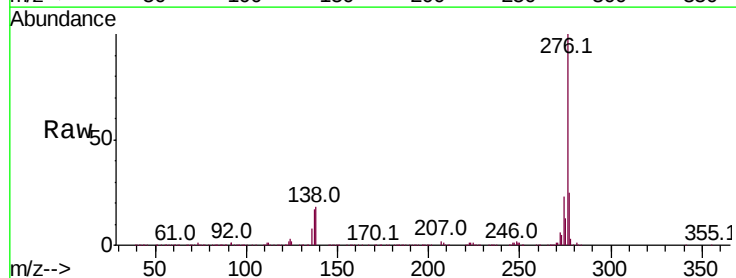
Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 48.452 ng
RT: 29.28 min Scan# 4458
Delta R.T. 0.01 min
Lab File: BG046508.D
Acq: 2 Sep 2020 18:11

Tgt Ion:276 Resp: 1555785

Ion	Ratio	Lower	Upper
276	100		
277	24.9	18.7	28.1
138	17.6	14.7	22.1



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

