

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090920\
 Data File : BG046577.D
 Acq On : 9 Sep 2020 17:57
 Operator : CG/JU
 Sample : L3932-01MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 VNJ-218MS

Quant Time: Sep 09 18:40:36 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	7.92	152	66355	20.00	ng	-0.01
21) Naphthalene-d8	10.73	136	273293	20.00	ng	0.00
39) Acenaphthene-d10	14.56	164	191715	20.00	ng	0.00
64) Phenanthrene-d10	17.31	188	391075	20.00	ng	0.00
76) Chrysene-d12	21.56	240	435849	20.00	ng	0.00
86) Perylene-d12	24.65	264	455048	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.51	112	294017	78.48	ng	0.00
7) Phenol-d6	7.10	99	397090	74.77	ng	0.00
23) Nitrobenzene-d5	9.08	82	265263	55.48	ng	0.00
42) 2,4,6-Tribromophenol	16.06	330	191981	73.91	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	771452	61.43	ng	0.00
79) Terphenyl-d14	19.92	244	1091524	53.30	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.41	88	50552	32.434	ng	95
3) Pyridine	3.81	79	150997	33.112	ng	97
4) n-Nitrosodimethylamine	3.72	42	68250	40.579	ng	96
6) Aniline	7.25	93	156254	26.146	ng	99
8) 2-Chlorophenol	7.50	128	172749	43.628	ng	99
9) Benzaldehyde	7.06	77	93498	31.423	ng	96
10) Phenol	7.13	94	215260	44.006	ng	98
11) bis(2-Chloroethyl)ether	7.35	93	161683	41.121	ng	98
12) 1,3-Dichlorobenzene	7.82	146	205785	40.935	ng	98
13) 1,4-Dichlorobenzene	7.97	146	204262	40.586	ng	99
14) 1,2-Dichlorobenzene	8.28	146	199858	41.415	ng	99
15) Benzyl Alcohol	8.16	79	147241	43.183	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.45	45	247749	40.622	ng	99
17) 2-Methylphenol	8.38	107	148658	42.853	ng	99
18) Hexachloroethane	9.01	117	71168	41.706	ng	98
19) n-Nitroso-di-n-propylamine	8.73	70	130213	40.989	ng	98
20) 3+4-Methylphenols	8.70	107	202341	42.258	ng	96
22) Acetophenone	8.75	105	252742	37.992	ng	# 98
24) Nitrobenzene	9.12	77	184261	39.006	ng	98
25) Isophorone	9.65	82	363986	41.520	ng	99
26) 2-Nitrophenol	9.83	139	104406	41.890	ng	94
27) 2,4-Dimethylphenol	9.90	122	166730	48.637	ng	98
28) bis(2-Chloroethoxy)methane	10.13	93	219888	38.970	ng	99
29) 2,4-Dichlorophenol	10.38	162	196695	43.042	ng	99
30) 1,2,4-Trichlorobenzene	10.59	180	218544	40.306	ng	99
31) Naphthalene	10.77	128	552403	41.397	ng	99
32) Benzoic acid	10.06	122	97382	40.557	ng	96
33) 4-Chloroaniline	10.88	127	124331	21.130	ng	98
34) Hexachlorobutadiene	11.07	225	146231	41.545	ng	100
35) Caprolactam	11.65	113	45928	26.887	ng	99
36) 4-Chloro-3-methylphenol	12.02	107	198068	44.315	ng	97
37) 2-Methylnaphthalene	12.38	142	455000	43.235	ng	97
38) 1-Methylnaphthalene	12.60	142	427227	42.857	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.75	216	278562	44.062	ng	99

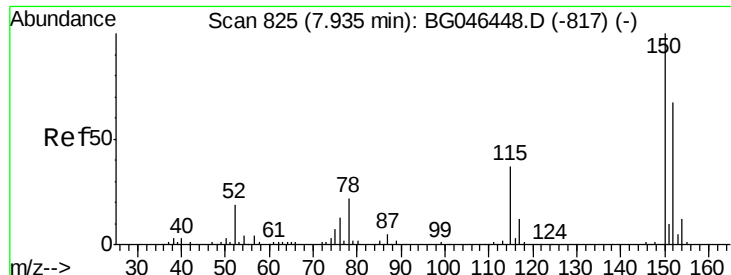
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090920\
 Data File : BG046577.D
 Acq On : 9 Sep 2020 17:57
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 02 15:06:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.74	237	323905	117.828	ng	99
43) 2,4,6-Trichlorophenol	12.99	196	184363	43.214	ng	99
44) 2,4,5-Trichlorophenol	13.07	196	197745	44.115	ng	97
46) 1,1'-Biphenyl	13.39	154	581130	43.568	ng	97
47) 2-Chloronaphthalene	13.44	162	466184	41.222	ng	98
48) 2-Nitroaniline	13.63	65	121191	38.592	ng	97
49) Acenaphthylene	14.28	152	715846	41.728	ng	100
50) Dimethylphthalate	14.02	163	644775	43.472	ng	99
51) 2,6-Dinitrotoluene	14.13	165	140737	43.046	ng	95
52) Acenaphthene	14.63	154	426168	40.088	ng	99
53) 3-Nitroaniline	14.46	138	105891	29.900	ng	# 97
54) 2,4-Dinitrophenol	14.67	184	163292	85.564	ng	97
55) Dibenzofuran	14.96	168	679646	39.837	ng	98
56) 4-Nitrophenol	14.79	139	208171	79.869	ng	# 80
57) 2,4-Dinitrotoluene	14.92	165	176292	37.815	ng	98
58) Fluorene	15.61	166	558859	39.029	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.19	232	172307	39.585	ng	# 99
60) Diethylphthalate	15.39	149	536697	37.113	ng	97
61) 4-Chlorophenyl-phenylether	15.60	204	313658	39.774	ng	95
62) 4-Nitroaniline	15.63	138	118029	31.585	ng	90
63) Azobenzene	15.90	77	472675	40.182	ng	97
65) 4,6-Dinitro-2-methylphenol	15.70	198	115663	52.253	ng	# 76
66) n-Nitrosodiphenylamine	15.82	169	498847	47.282	ng	99
67) 4-Bromophenyl-phenylether	16.50	248	195470	42.842	ng	# 92
68) Hexachlorobenzene	16.63	284	207826	41.129	ng	# 92
69) Atrazine	16.78	200	151485	35.196	ng	83
70) Pentachlorophenol	16.97	266	241174	91.351	ng	99
71) Phenanthrene	17.45	178	843778	42.567	ng	97
72) Anthracene	17.45	178	843778	43.144	ng	96
73) Carbazole	17.71	167	746125	40.407	ng	# 96
74) Di-n-butylphthalate	18.28	149	863932	40.688	ng	96
75) Fluoranthene	19.36	202	1006056	39.439	ng	99
77) Benzidine	19.54	184	418266	41.299	ng	# 92
78) Pyrene	19.73	202	1039960	37.470	ng	99
80) Butylbenzylphthalate	20.61	149	415877	38.415	ng	93
81) Benzo(a)anthracene	21.54	228	1104971	40.674	ng	100
82) 3,3'-Dichlorobenzidine	21.45	252	83321	8.265	ng	99
83) Chrysene	21.60	228	1072537	41.043	ng	100
84) Bis(2-ethylhexyl)phthalate	21.46	149	632238	42.795	ng	99
85) Di-n-octyl phthalate	22.62	149	1080105	42.698	ng	99
87) Indeno(1,2,3-cd)pyrene	28.16	276	1392298	42.601	ng	100
88) Benzo(b)fluoranthene	23.68	252	1157217	40.727	ng	98
89) Benzo(k)fluoranthene	23.74	252	1149754	41.869	ng	98
90) Benzo(a)pyrene	24.51	252	1074613	40.527	ng	100
91) Dibenzo(a,h)anthracene	28.22	278	1147440	43.507	ng	98
92) Benzo(g,h,i)perylene	29.26	276	1168466	44.367	ng	98

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

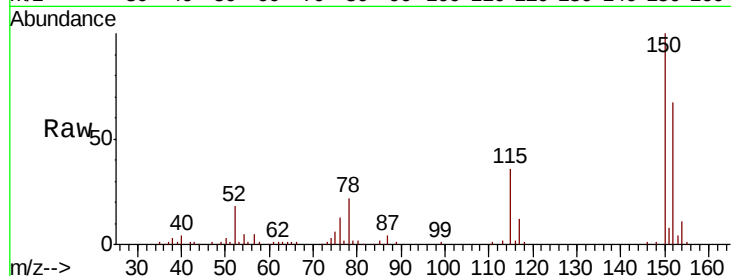


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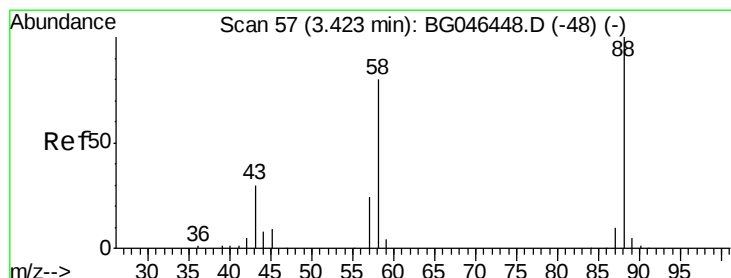
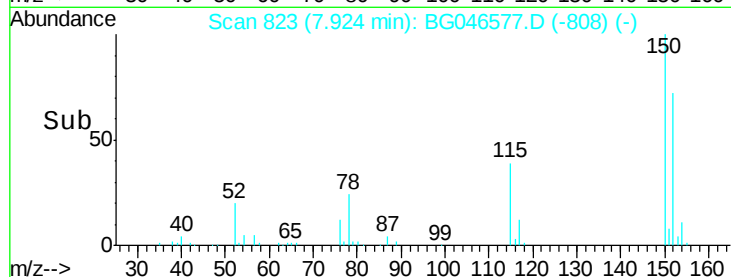
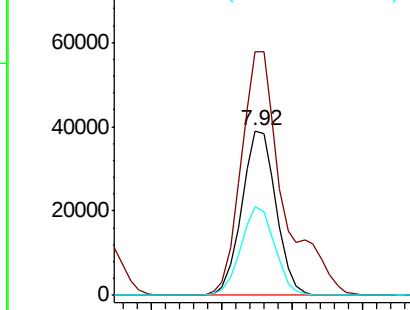
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.92 min Scan# 823
 Delta R.T. -0.01 min
 Lab File: BG046577.D
 Acq: 9 Sep 2020 17:57

Instrument :
 BNA_G
 ClientSampleId :
 VNJ-218MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	148.2	119.5	179.3
115	54.1	44.3	66.5



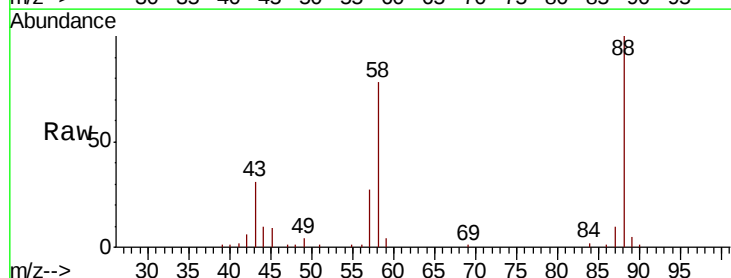
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



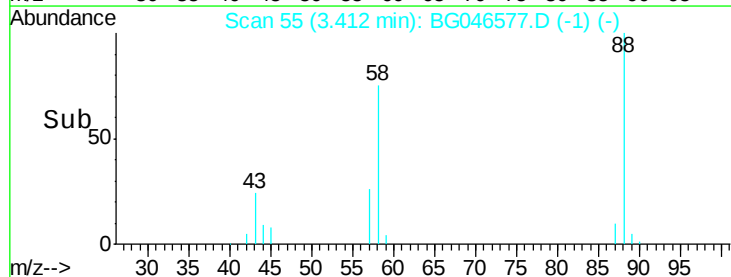
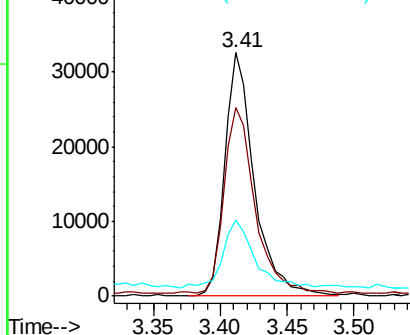
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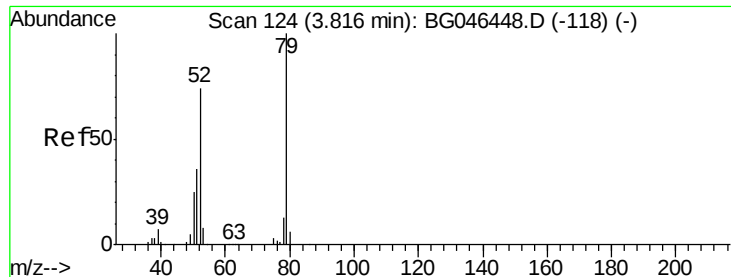
1,4-Dioxane
 Concen: 32.434 ng
 RT: 3.41 min Scan# 55
 Delta R.T. -0.01 min
 Lab File: BG046577.D
 Acq: 9 Sep 2020 17:57

Tgt Ion	Ratio	Lower	Upper
88	100		
58	81.2	61.4	92.2
43	29.0	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: 33.112 ng

RT: 3.81 min Scan# 122

Delta R.T. -0.01 min

Lab File: BG046577.D

Acq: 9 Sep 2020 17:57

Instrument :

BNA_G

ClientSampled :

VNJ-218MS

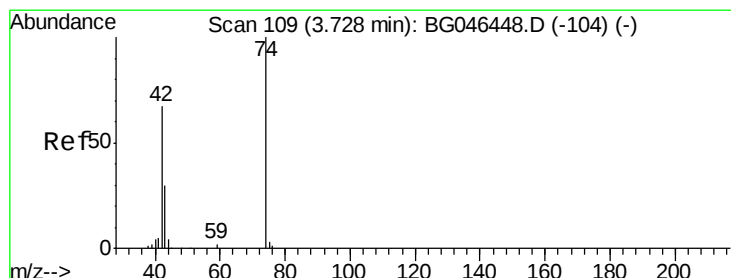
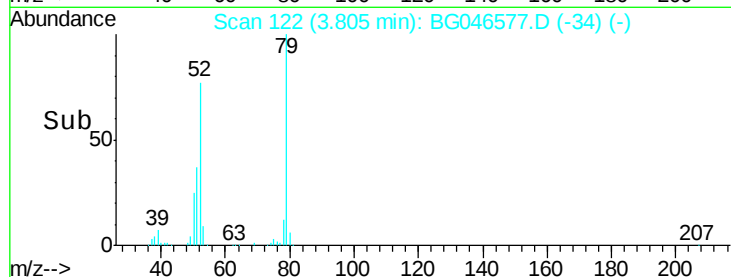
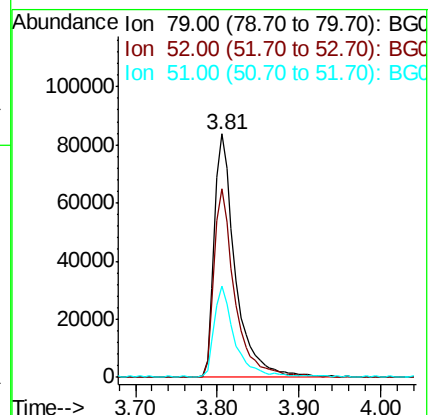
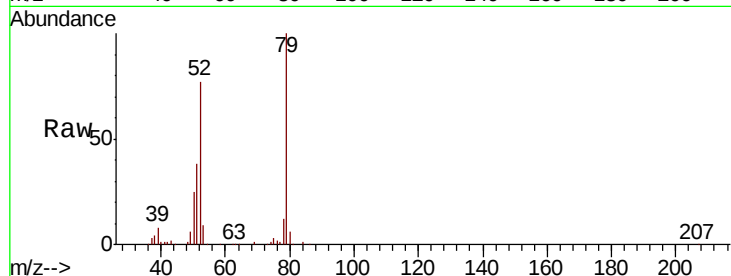
Tot Ion: 79 Resp: 150997

Ion Ratio Lower Upper

79 100

52 77.3 59.1 88.7

51 37.5 29.0 43.6



#4

n-Nitrosodimethylamine

Concen: 40.579 ng

RT: 3.72 min Scan# 108

Delta R.T. -0.00 min

Lab File: BG046577.D

Acq: 9 Sep 2020 17:57

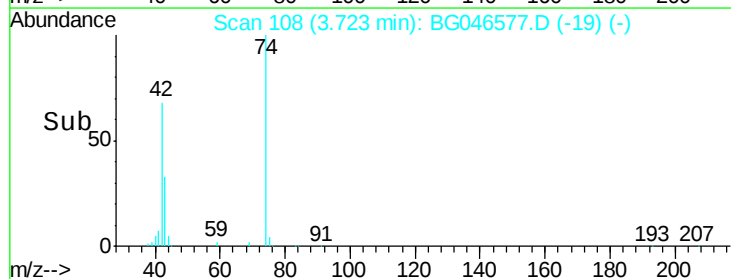
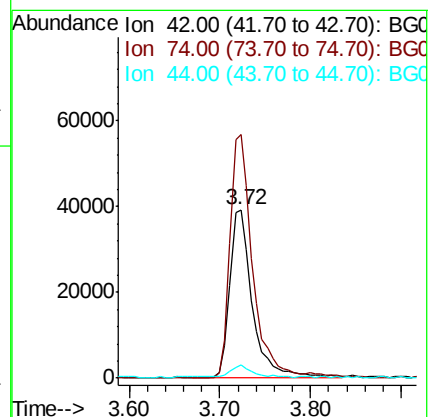
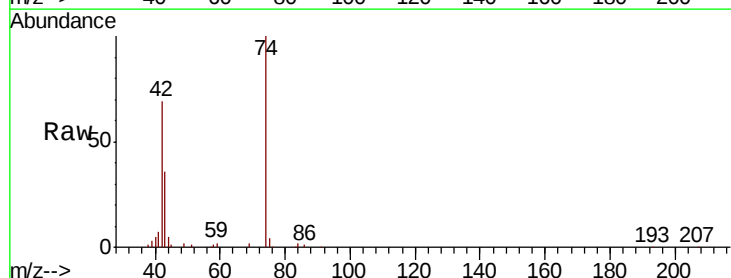
Tgt Ion: 42 Resp: 68250

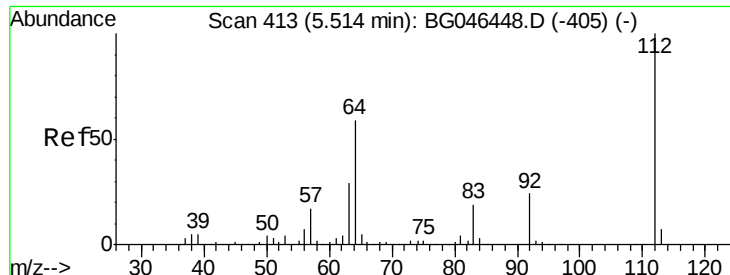
Ion Ratio Lower Upper

42 100

74 144.5 119.5 179.3

44 7.6 5.7 8.5





#5

2-Fluorophenol

Concen: 78.481 ng

RT: 5.51 min Scan# 413

Delta R.T. 0.00 min

Lab File: BG046577.D

Acq: 9 Sep 2020 17:57

Instrument :

BNA_G

ClientSampleId :

VNJ-218MS

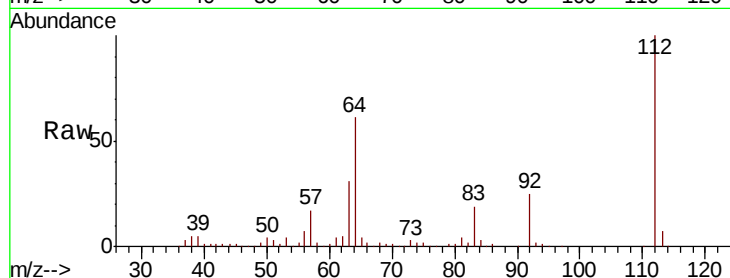
Tot Ion:112 Resp: 294017

Ion Ratio Lower Upper

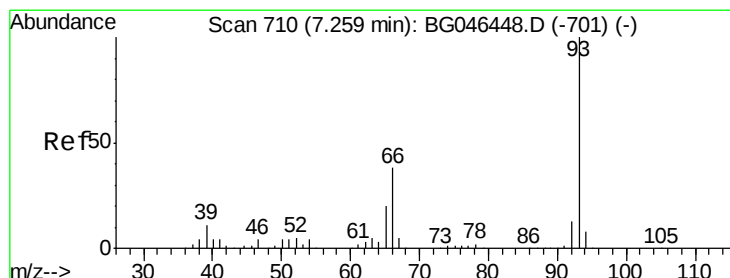
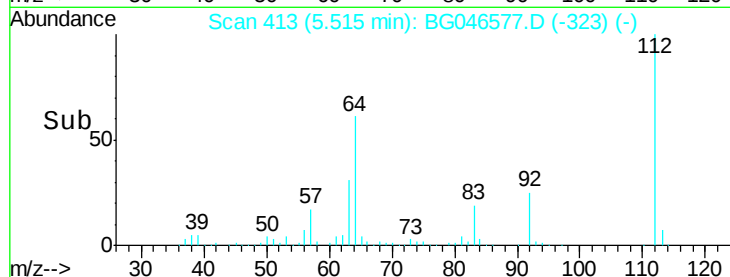
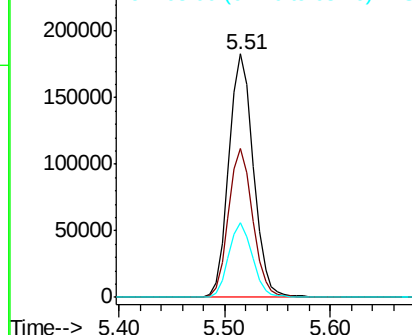
112 100

64 61.1 47.0 70.6

63 30.7 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: 26.146 ng

RT: 7.25 min Scan# 708

Delta R.T. -0.00 min

Lab File: BG046577.D

Acq: 9 Sep 2020 17:57

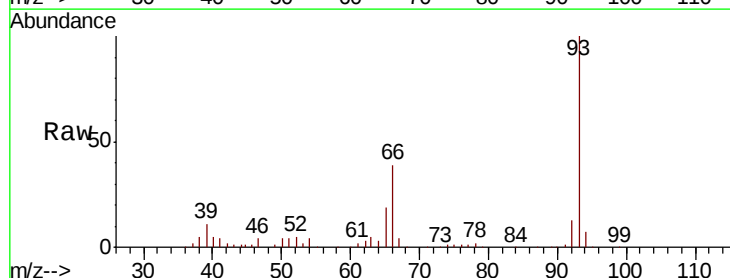
Tgt Ion: 93 Resp: 156254

Ion Ratio Lower Upper

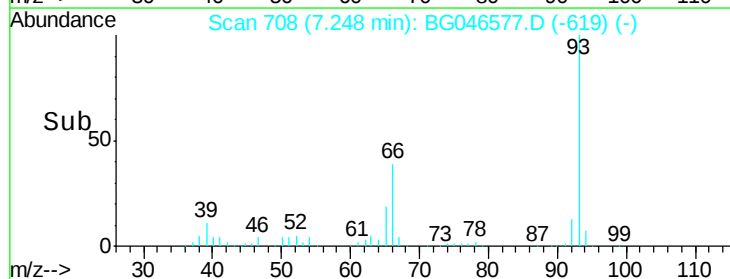
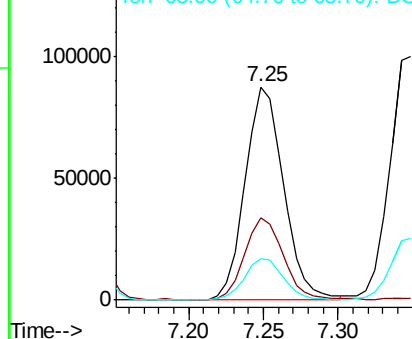
93 100

66 38.7 30.4 45.6

65 19.2 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: 74.769 ng

RT: 7.10 min Scan# 683

Delta R.T. -0.00 min

Lab File: BG046577.D

Acq: 9 Sep 2020 17:57

Instrument :

BNA_G

ClientSampleId :

VNJ-218MS

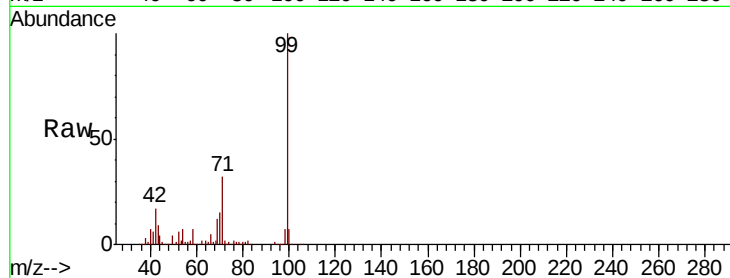
Tot Ion: 99 Resp: 397090

Ion Ratio Lower Upper

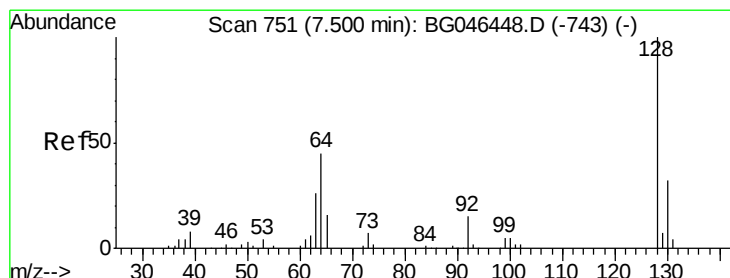
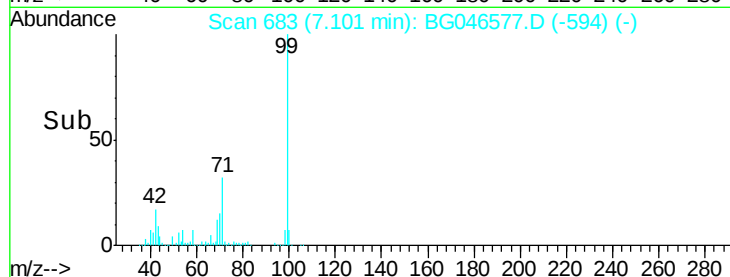
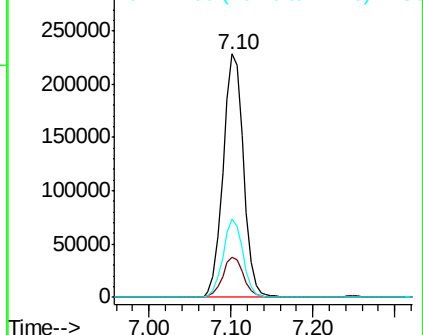
99 100

42 16.6 13.3 19.9

71 32.0 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: 43.628 ng

RT: 7.50 min Scan# 750

Delta R.T. -0.00 min

Lab File: BG046577.D

Acq: 9 Sep 2020 17:57

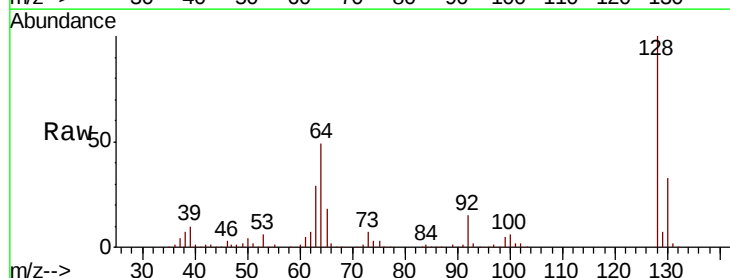
Tgt Ion: 128 Resp: 172749

Ion Ratio Lower Upper

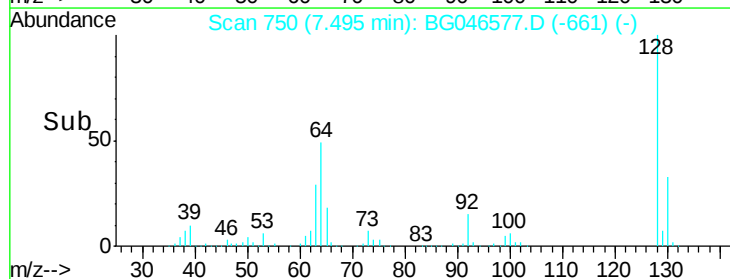
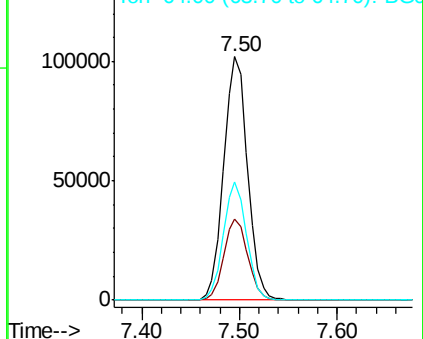
128 100

130 33.0 12.4 52.4

64 48.5 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

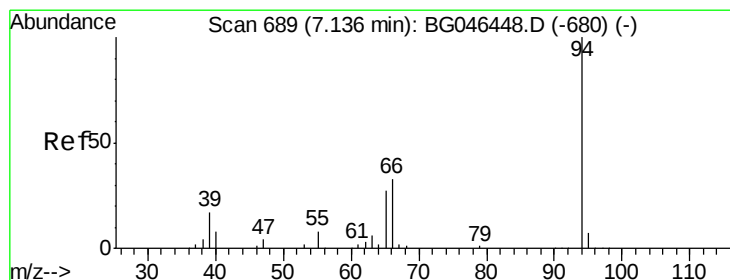
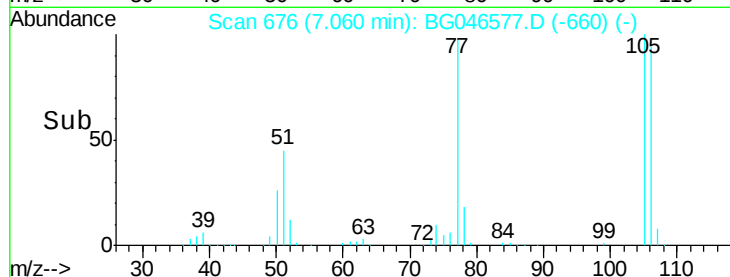
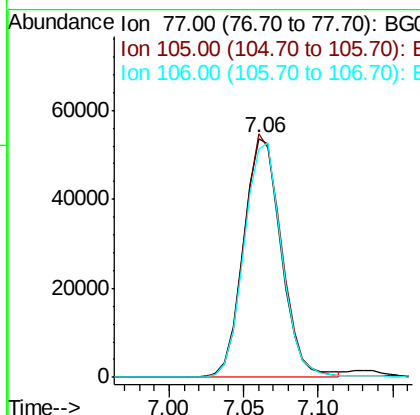
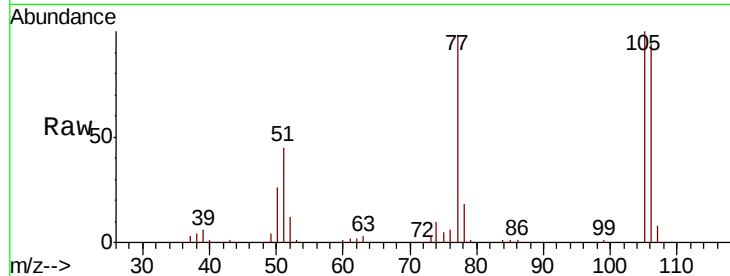




#9
Benzaldehyde
Concen: 31.423 ng
RT: 7.06 min Scan# 676
Delta R.T. -0.00 min
Lab File: BG046577.D
Acq: 9 Sep 2020 17:57

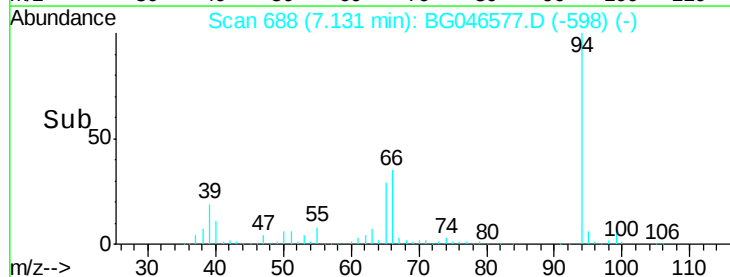
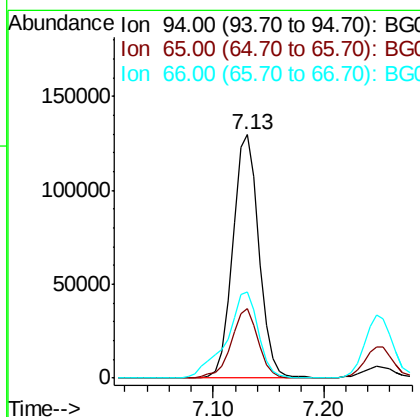
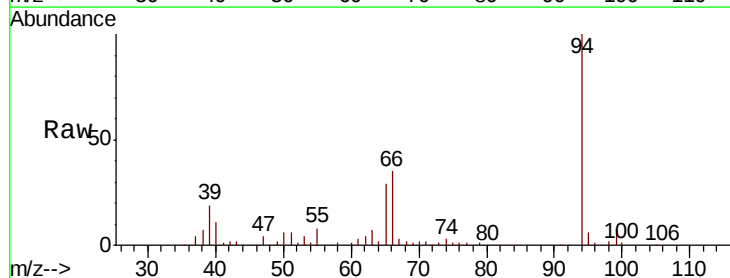
Instrument :
BNA_G
ClientSampleId :
VNJ-218MS

Tot Ion: 77 Resp: 93498
Ion Ratio Lower Upper
77 100
105 101.9 85.6 125.6
106 95.8 80.8 120.8



#10
Phenol
Concen: 44.006 ng
RT: 7.13 min Scan# 688
Delta R.T. 0.00 min
Lab File: BG046577.D
Acq: 9 Sep 2020 17:57

Tgt Ion: 94 Resp: 215260
Ion Ratio Lower Upper
94 100
65 28.6 7.5 47.5
66 35.4 14.1 54.1

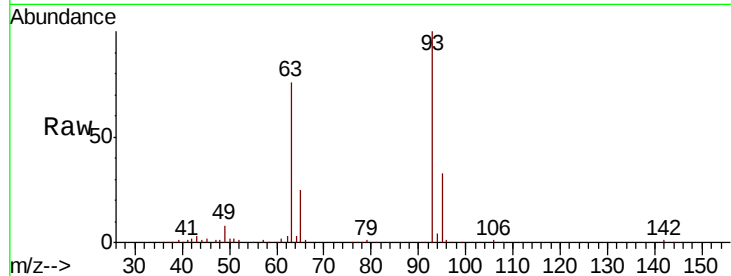




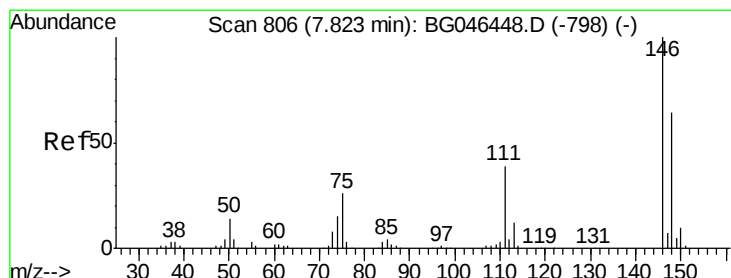
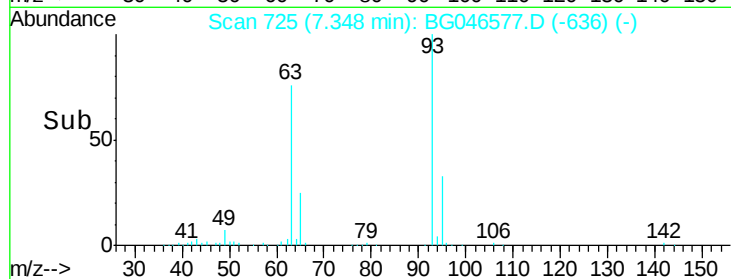
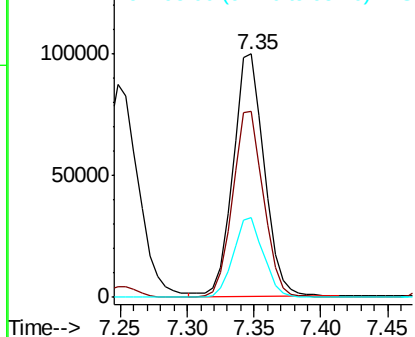
#11
bis(2-Chloroethyl)ether
Concen: 41.121 ng
RT: 7.35 min Scan# 725
Delta R.T. -0.00 min
Lab File: BG046577.D
Acq: 9 Sep 2020 17:57

Instrument :
BNA_G
ClientSampleId :
VNJ-218MS

Tot Ion: 93 Resp: 161683
Ion Ratio Lower Upper
93 100
63 76.3 57.7 97.7
95 33.0 12.3 52.3

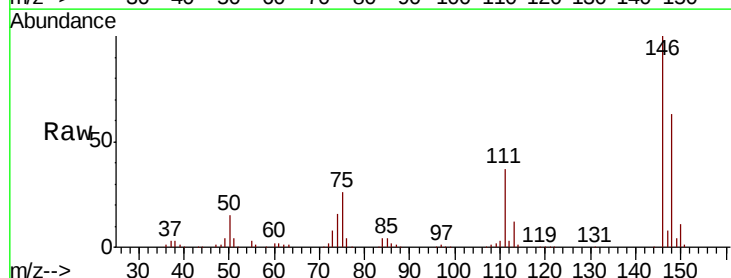


Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC

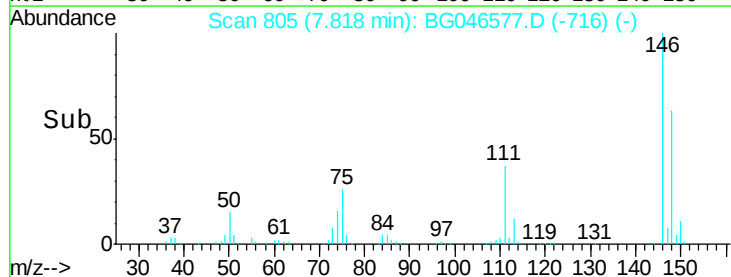
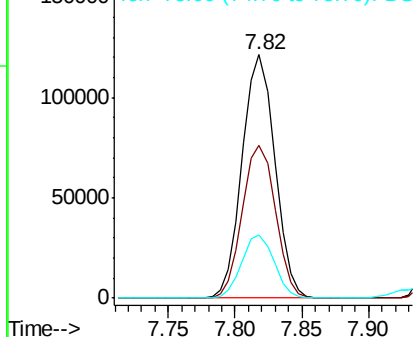


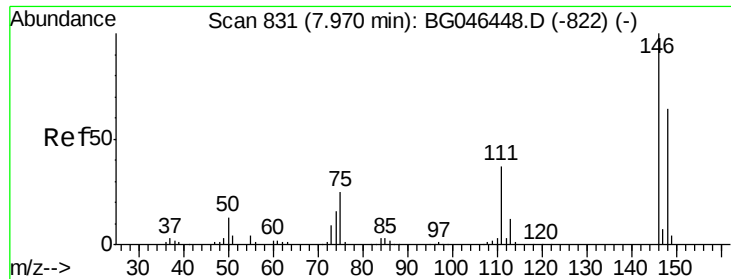
#12
1,3-Dichlorobenzene
Concen: 40.935 ng
RT: 7.82 min Scan# 805
Delta R.T. -0.00 min
Lab File: BG046577.D
Acq: 9 Sep 2020 17:57

Tgt Ion: 146 Resp: 205785
Ion Ratio Lower Upper
146 100
148 62.5 51.4 77.0
75 25.8 20.7 31.1



Abundance Ion 146.00 (145.70 to 146.70): BGC
Ion 148.00 (147.70 to 148.70): BGC
Ion 75.00 (74.70 to 75.70): BGC

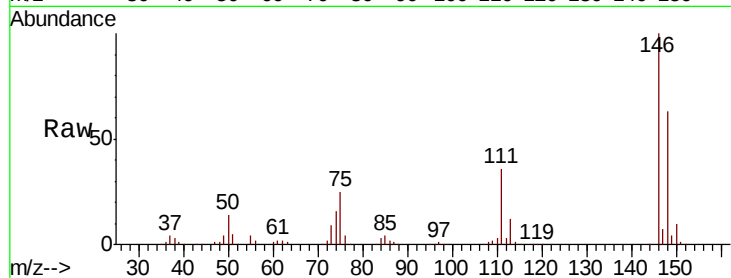




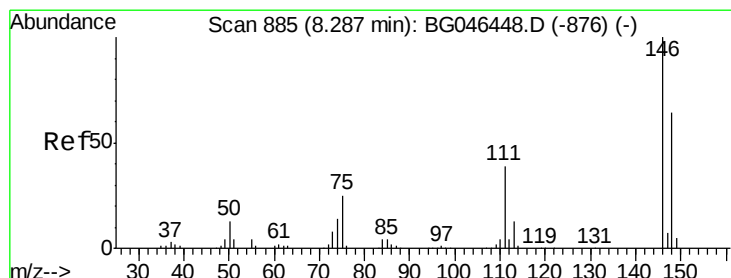
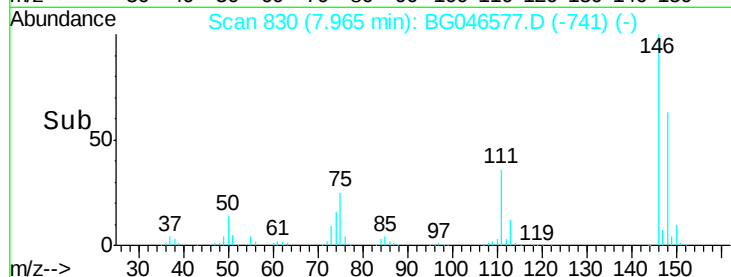
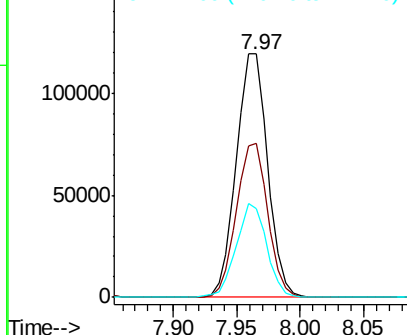
#13
 1,4-Dichlorobenzene
 Concen: 40.586 ng
 RT: 7.97 min Scan# 830
 Delta R.T. -0.00 min
 Lab File: BG046577.D
 Acq: 9 Sep 2020 17:57

Instrument :
 BNA_G
 ClientSampleId :
 VNJ-218MS

Tot Ion:146 Resp: 204262
 Ion Ratio Lower Upper
 146 100
 148 63.2 50.9 76.3
 111 36.2 29.8 44.6

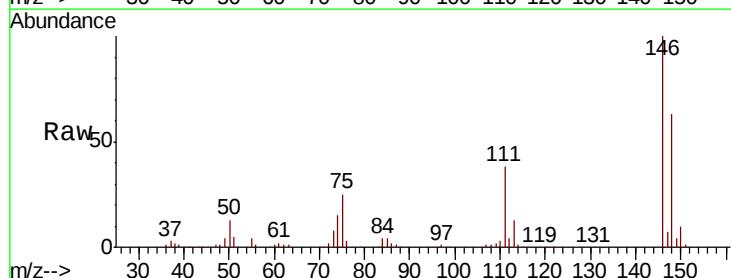


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

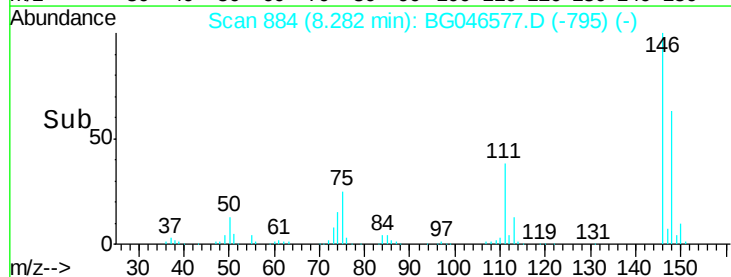
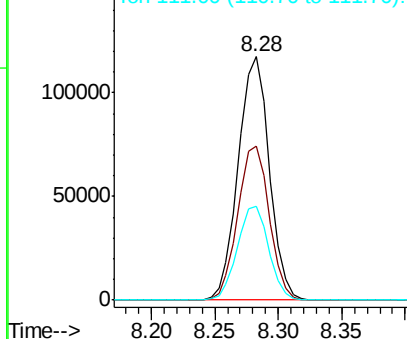


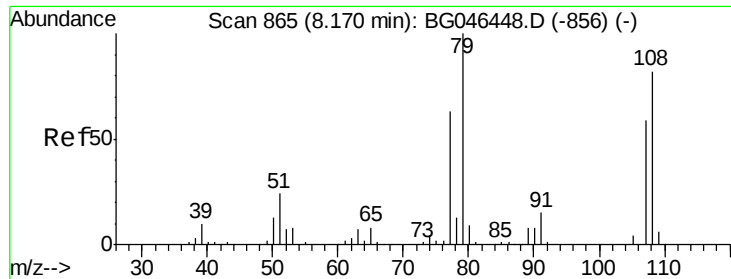
#14
 1,2-Dichlorobenzene
 Concen: 41.415 ng
 RT: 8.28 min Scan# 884
 Delta R.T. -0.00 min
 Lab File: BG046577.D
 Acq: 9 Sep 2020 17:57

Tgt Ion:146 Resp: 199858
 Ion Ratio Lower Upper
 146 100
 148 63.3 51.4 77.0
 111 38.4 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: 43.183 ng

RT: 8.16 min Scan# 864

Delta R.T. -0.00 min

Lab File: BG046577.D

Acq: 9 Sep 2020 17:57

Instrument :

BNA_G

ClientSampleId :

VNJ-218MS

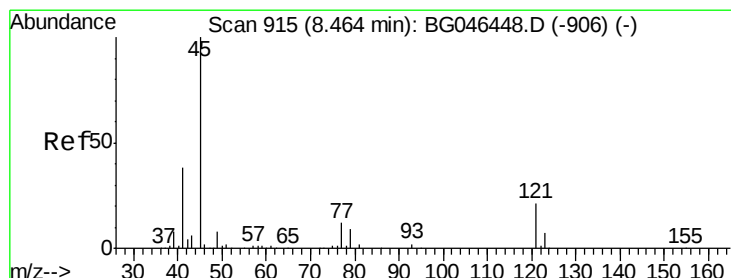
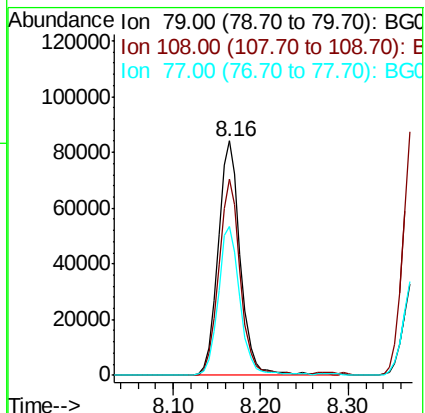
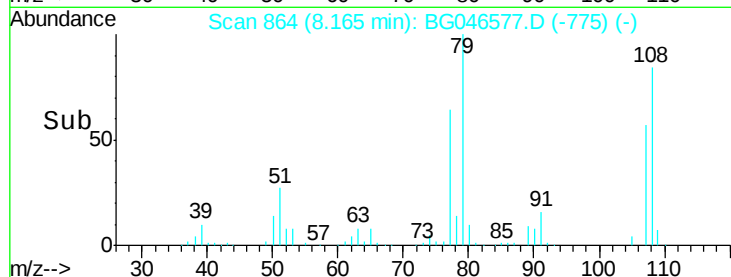
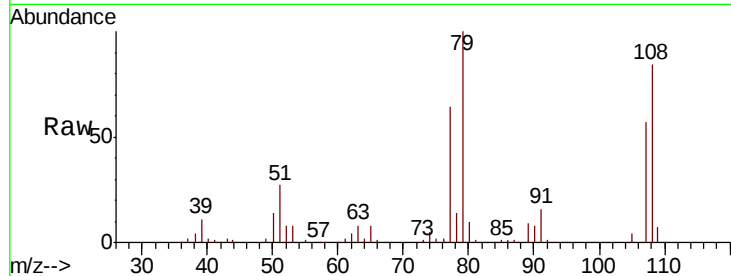
Tot Ion: 79 Resp: 147241

Ion Ratio Lower Upper

79 100

108 83.7 65.7 98.5

77 63.8 50.3 75.5



#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.622 ng

RT: 8.45 min Scan# 913

Delta R.T. -0.00 min

Lab File: BG046577.D

Acq: 9 Sep 2020 17:57

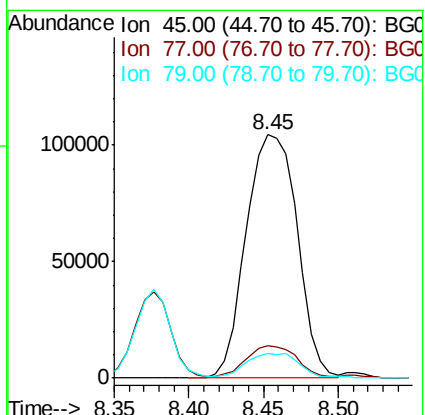
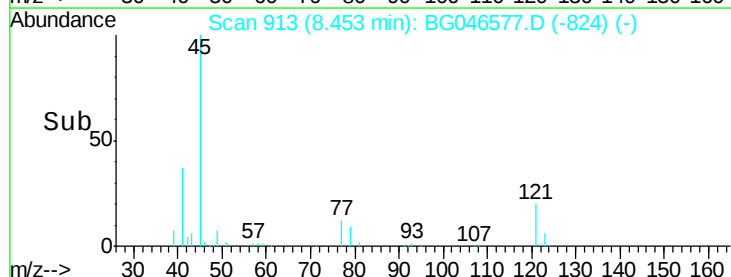
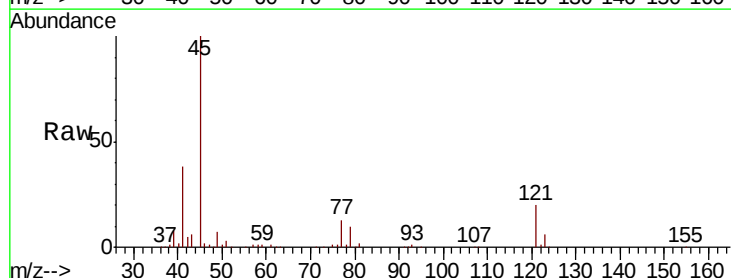
Tgt Ion: 45 Resp: 247749

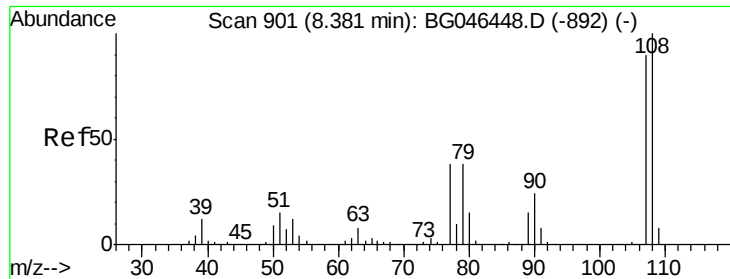
Ion Ratio Lower Upper

45 100

77 13.3 0.0 33.2

79 10.0 0.0 30.3

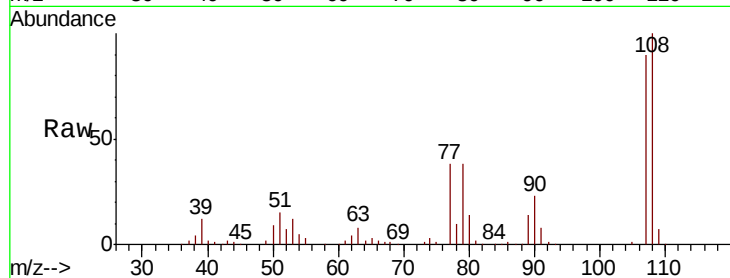




#17
2-Methylphenol
Concen: 42.853 ng
RT: 8.38 min Scan# 900
Delta R.T. 0.00 min
Lab File: BG046577.D
Acq: 9 Sep 2020 17:57

Instrument :
BNA_G
ClientSampleId :
VNJ-218MS

Tot Ion	Ratio	Lower	Upper
107	100		
108	111.4	89.4	134.0
77	41.9	34.5	51.7
79	42.8	33.8	50.6



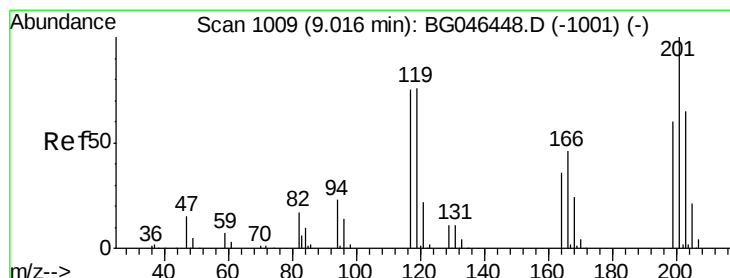
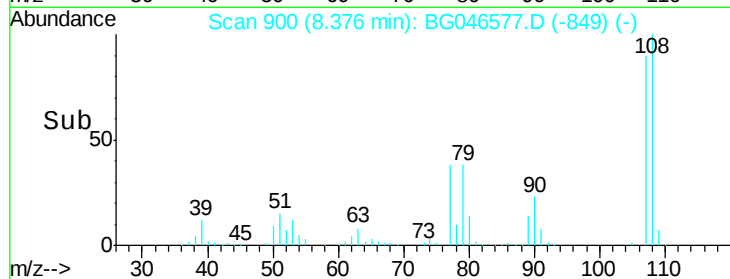
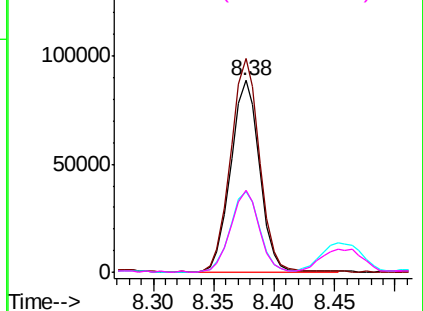
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

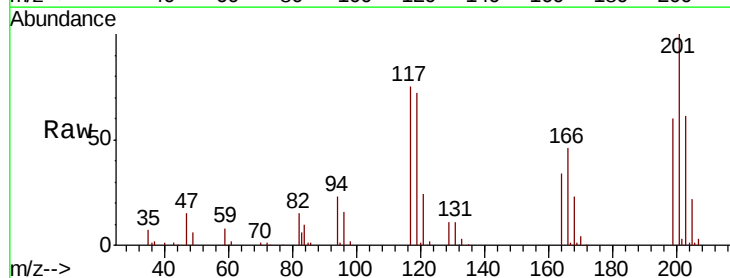
Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC



#18
Hexachloroethane
Concen: 41.706 ng
RT: 9.01 min Scan# 1008
Delta R.T. -0.00 min
Lab File: BG046577.D
Acq: 9 Sep 2020 17:57

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.5	80.8	121.2
201	133.1	106.7	160.1

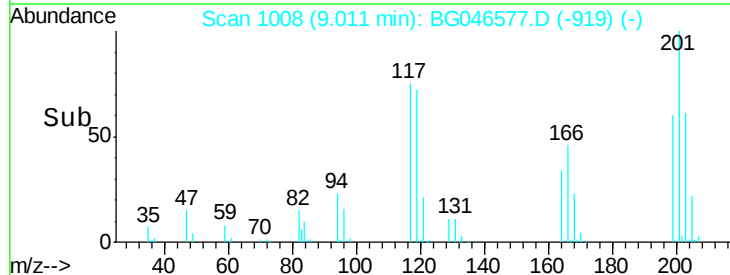
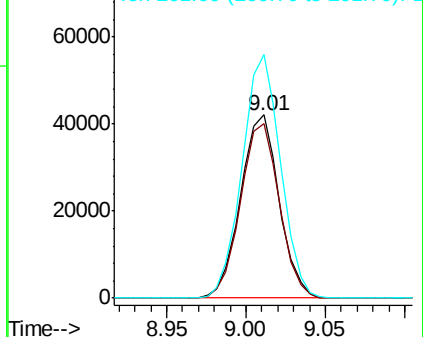


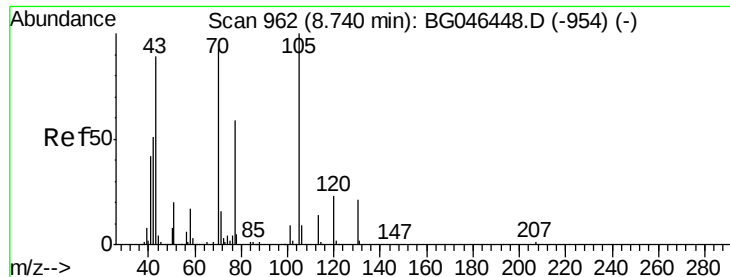
Abundance

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

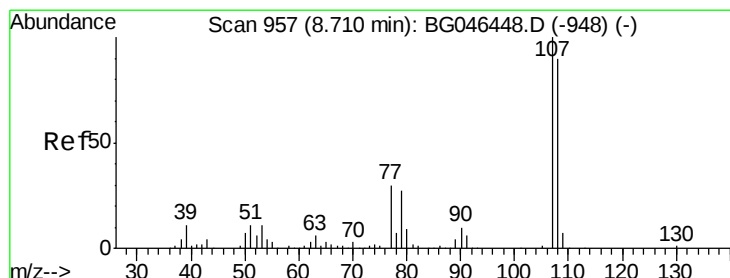
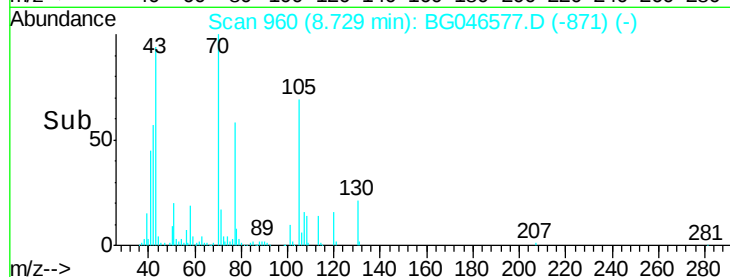
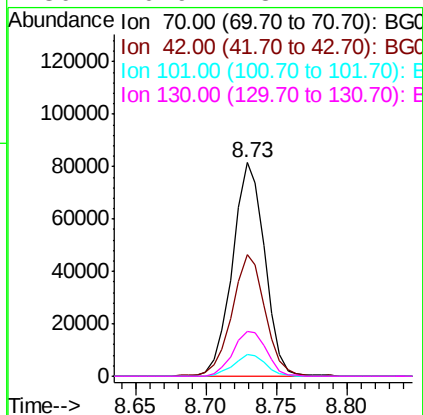
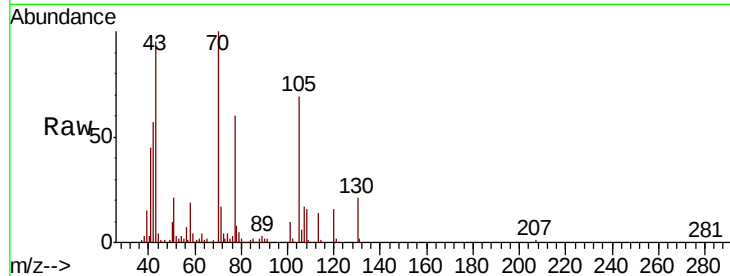




#19
n-Nitroso-di-n-propylamine
Concen: 40.989 ng
RT: 8.73 min Scan# 960
Delta R.T. -0.00 min
Lab File: BG046577.D
Acq: 9 Sep 2020 17:57

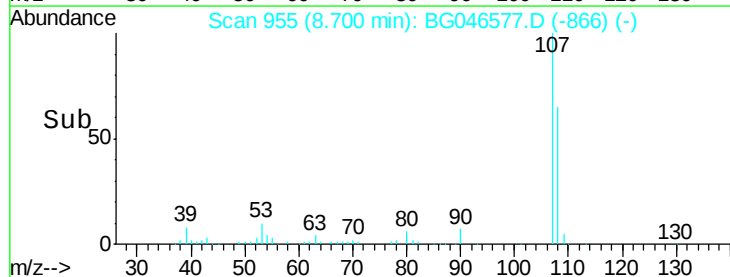
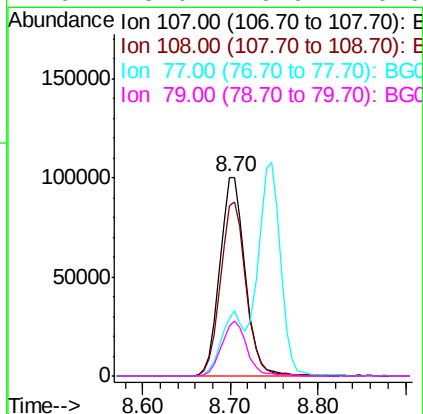
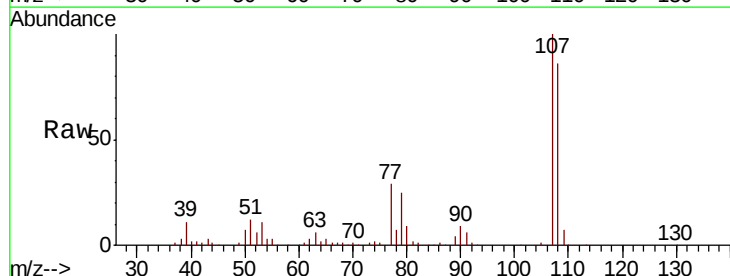
Instrument :
BNA_G
ClientSampleId :
VNJ-218MS

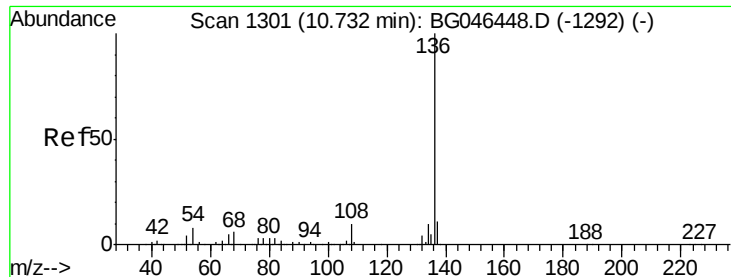
Tot Ion:	70	Resp:	130213
Ion	Ratio	Lower	Upper
70	100		
42	56.7	44.2	66.2
101	10.0	7.8	11.8
130	20.9	18.2	27.4



#20
3+4-Methylphenols
Concen: 42.258 ng
RT: 8.70 min Scan# 955
Delta R.T. -0.00 min
Lab File: BG046577.D
Acq: 9 Sep 2020 17:57

Tgt Ion:	107	Resp:	202341
Ion	Ratio	Lower	Upper
107	100		
108	85.8	69.7	109.7
77	28.8	9.7	49.7
79	25.0	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: BG046577.D

Acq: 9 Sep 2020 17:57

Instrument :

BNA_G

ClientSampleId :

VNJ-218MS

Tot Ion:136 Resp: 273293

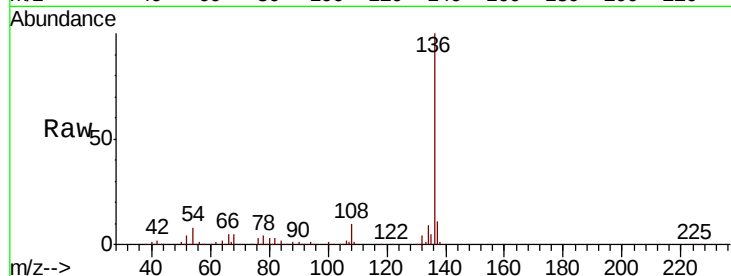
Ion Ratio Lower Upper

136 100

137 11.0 8.8 13.2

54 7.8 6.1 9.1

68 5.5 4.8 7.2

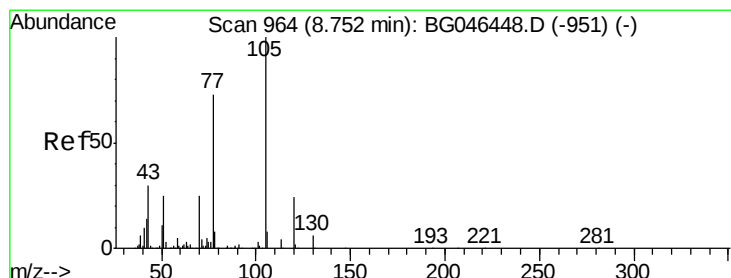
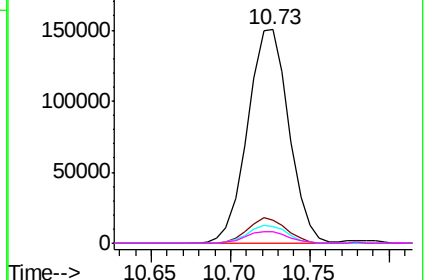
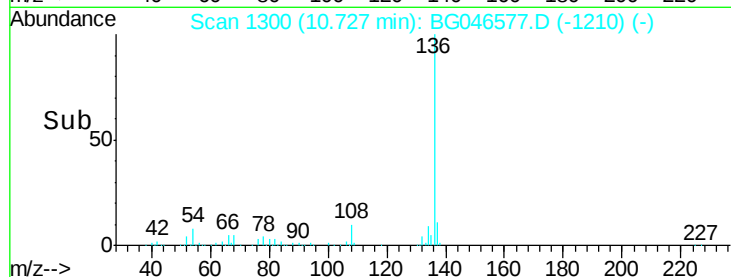


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 37.992 ng

RT: 8.75 min Scan# 963

Delta R.T. -0.00 min

Lab File: BG046577.D

Acq: 9 Sep 2020 17:57

Tgt Ion:105 Resp: 252742

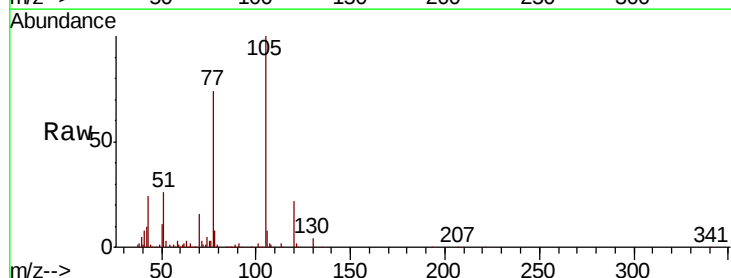
Ion Ratio Lower Upper

105 100

71 2.9 3.3 4.9#

51 25.9 20.6 31.0

120 21.9 19.0 28.6

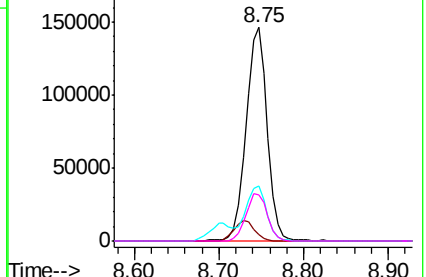
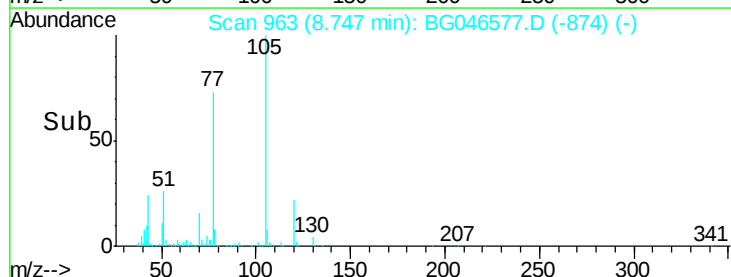


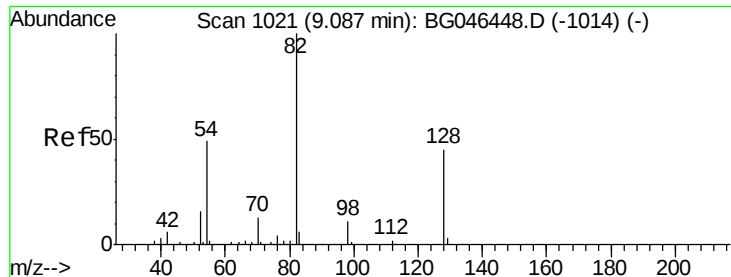
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

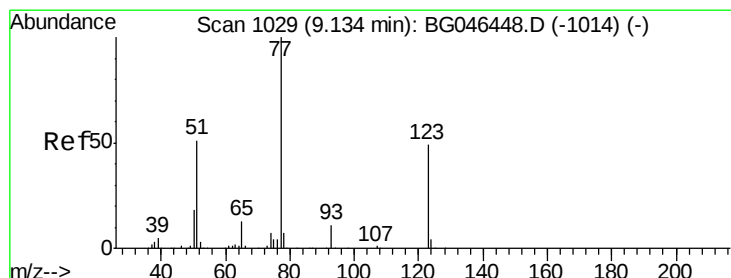
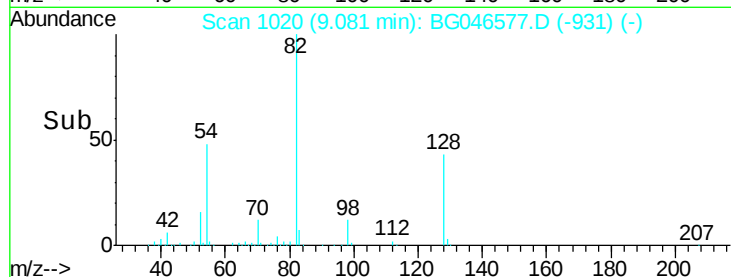
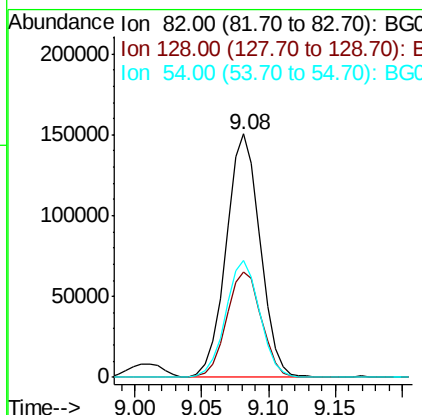
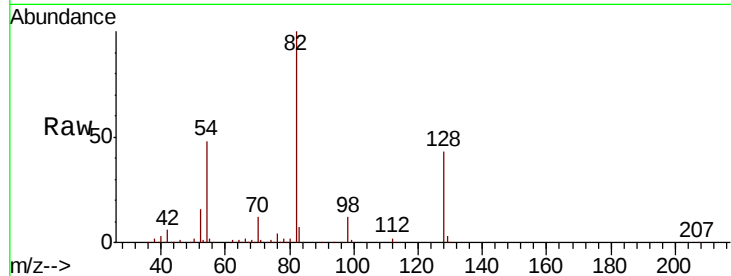




#23
 Nitrobenzene-d5
 Concen: 55.476 ng
 RT: 9.08 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: BG046577.D
 Acq: 9 Sep 2020 17:57

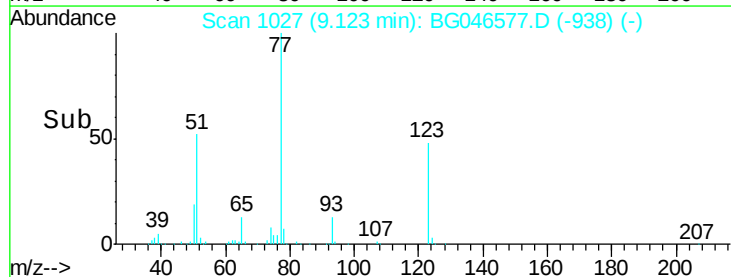
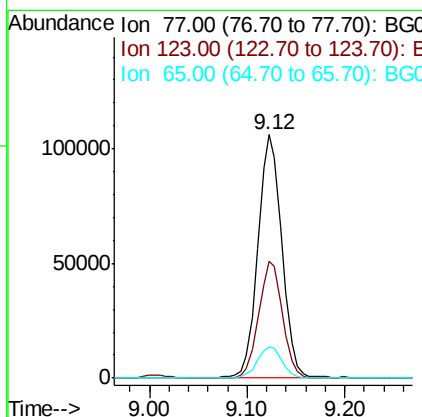
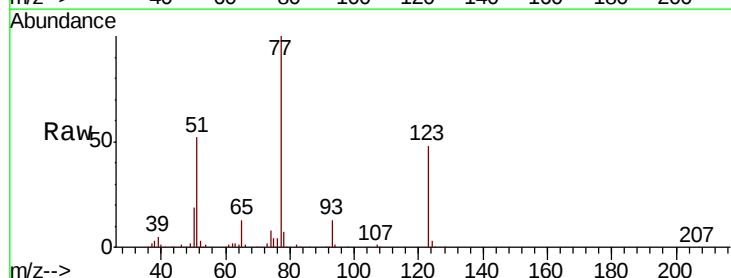
Instrument :
 BNA_G
 ClientSampleId :
 VNJ-218MS

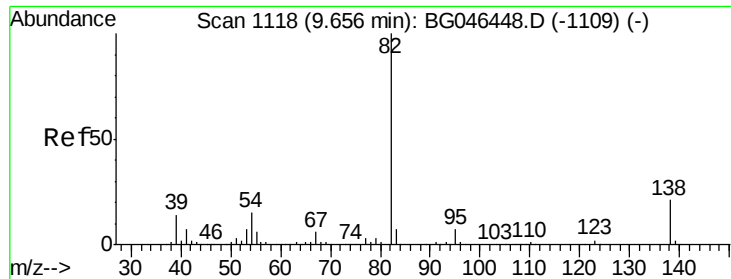
Tot Ion	82	Resp	265263
Ion Ratio	Lower	Upper	
82	100		
128	43.4	35.7	53.5
54	48.0	39.4	59.0



#24
 Nitrobenzene
 Concen: 39.006 ng
 RT: 9.12 min Scan# 1027
 Delta R.T. -0.00 min
 Lab File: BG046577.D
 Acq: 9 Sep 2020 17:57

Tgt Ion	77	Resp	184261
Ion Ratio	Lower	Upper	
77	100		
123	48.2	39.6	59.4
65	13.0	10.1	15.1





#25

Isophorone

Concen: 41.520 ng

RT: 9.65 min Scan# 1116

Delta R.T. -0.00 min

Lab File: BG046577.D

Acq: 9 Sep 2020 17:57

Instrument :

BNA_G

ClientSampled :

VNJ-218MS

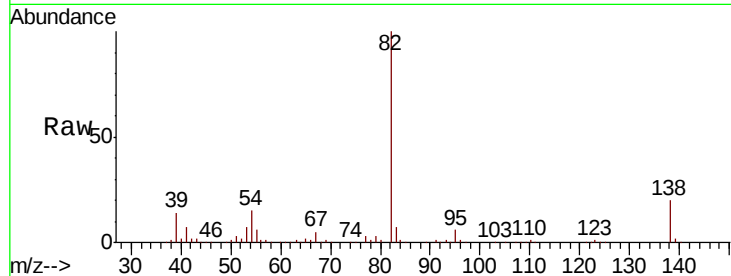
Tot Ion: 82 Resp: 363986

Ion Ratio Lower Upper

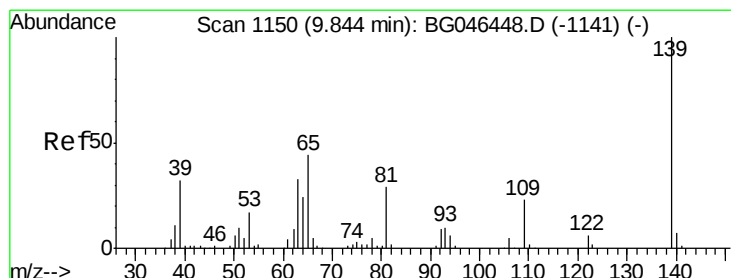
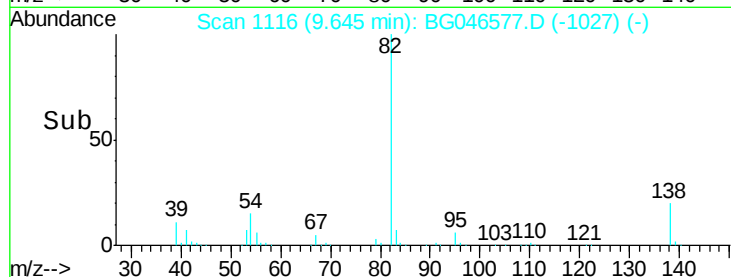
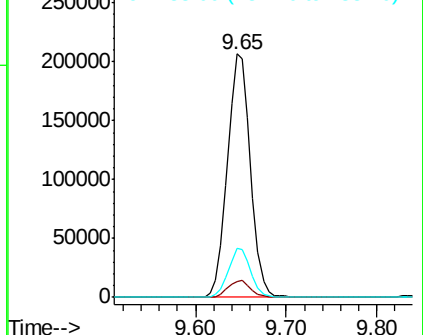
82 100

95 6.3 5.8 8.6

138 20.2 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: 41.890 ng

RT: 9.83 min Scan# 1148

Delta R.T. -0.00 min

Lab File: BG046577.D

Acq: 9 Sep 2020 17:57

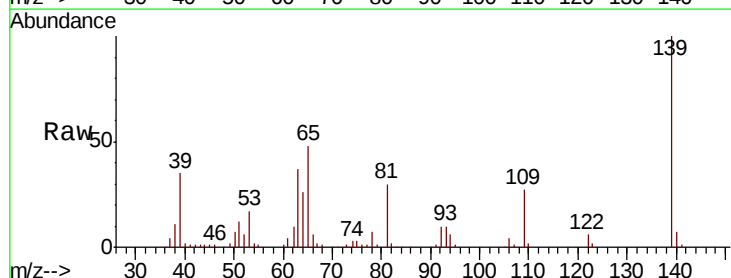
Tgt Ion: 139 Resp: 104406

Ion Ratio Lower Upper

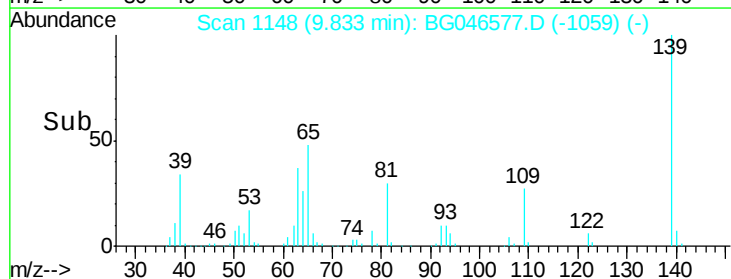
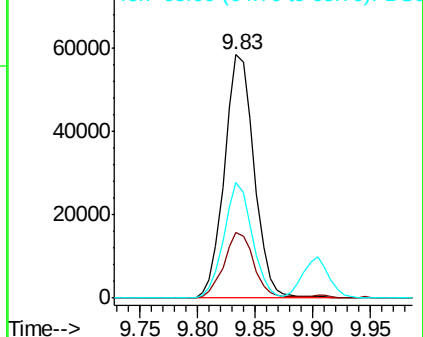
139 100

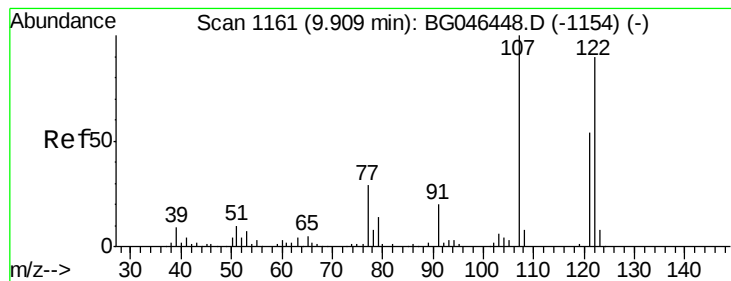
109 26.9 18.8 28.2

65 47.5 35.0 52.6



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





#27

2,4-Dimethylphenol

Concen: 48.637 ng

RT: 9.90 min Scan# 1160

Delta R.T. -0.00 min

Lab File: BG046577.D

Acq: 9 Sep 2020 17:57

Instrument :

BNA_G

ClientSampleId :

VNJ-218MS

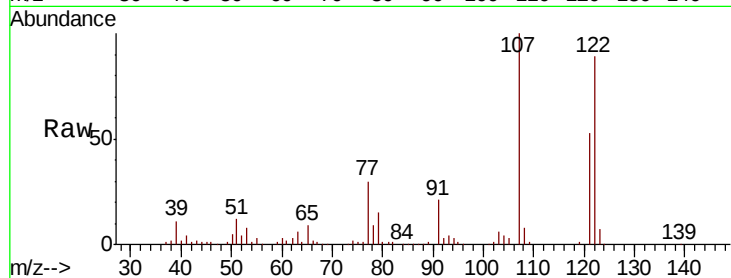
Tot Ion:122 Resp: 166730

Ion Ratio Lower Upper

122 100

107 112.6 88.2 132.2

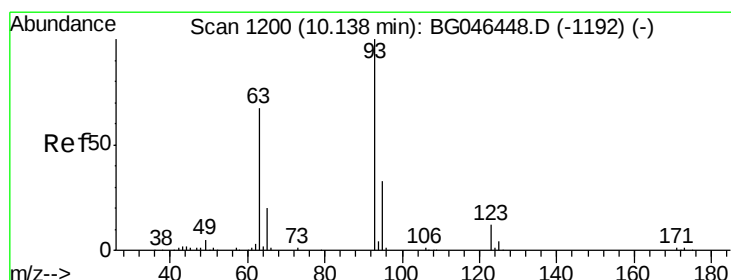
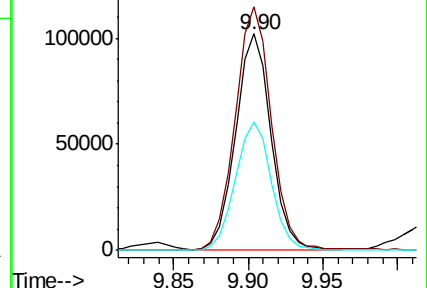
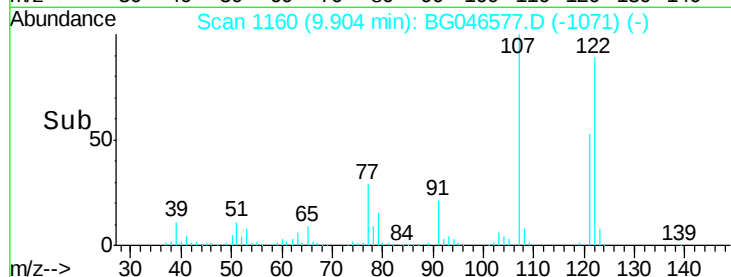
121 59.3 47.4 71.0



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: 38.970 ng

RT: 10.13 min Scan# 1198

Delta R.T. -0.00 min

Lab File: BG046577.D

Acq: 9 Sep 2020 17:57

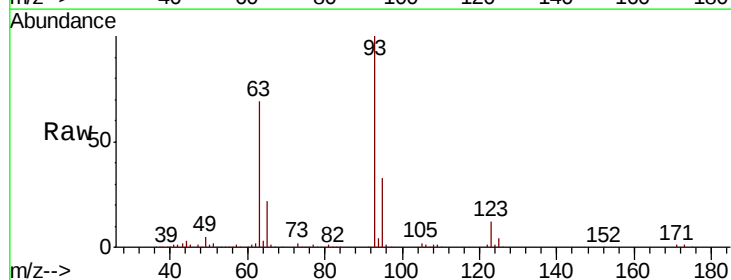
Tgt Ion: 93 Resp: 219888

Ion Ratio Lower Upper

93 100

95 33.0 26.1 39.1

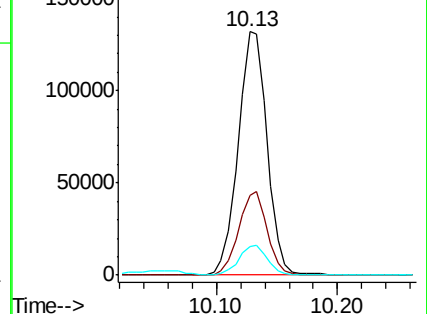
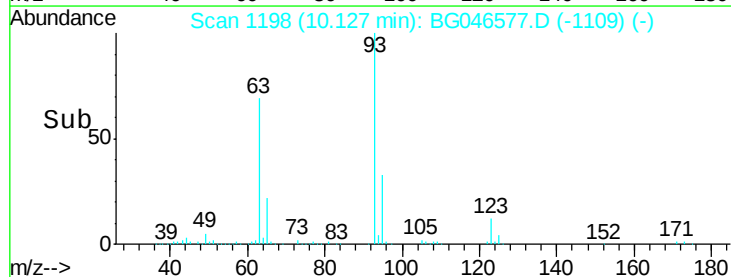
123 11.7 9.5 14.3

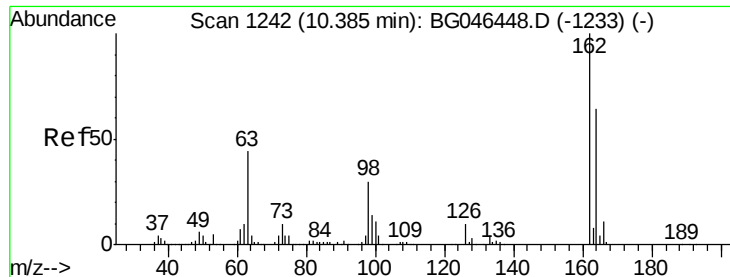


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

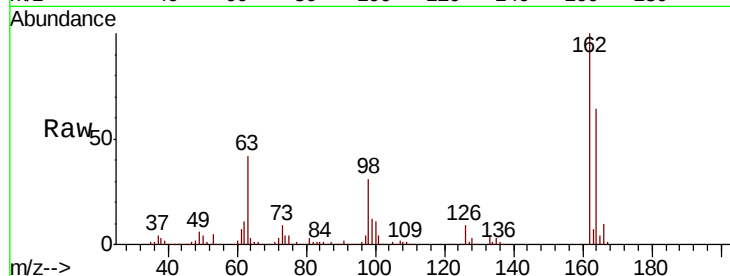




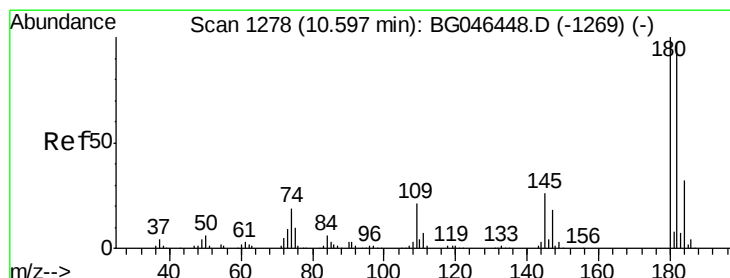
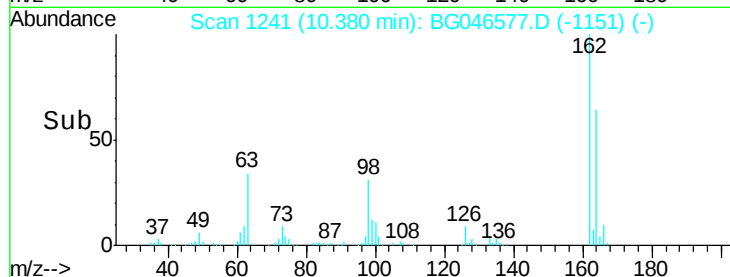
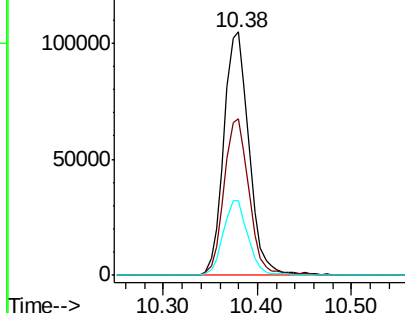
#29
 2,4-Dichlorophenol
 Concen: 43.042 ng
 RT: 10.38 min Scan# 1241
 Delta R.T. 0.00 min
 Lab File: BG046577.D
 Acq: 9 Sep 2020 17:57

Instrument :
 BNA_G
 ClientSampleId :
 VNJ-218MS

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.1	44.3	84.3
98	30.6	10.0	50.0

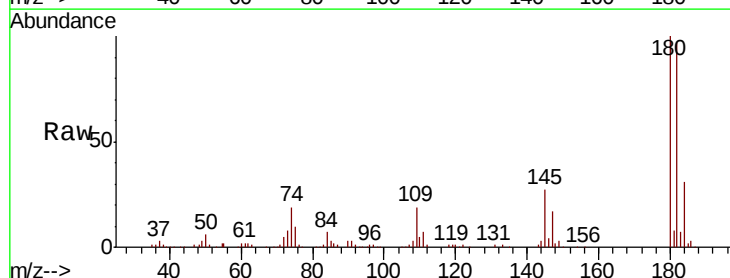


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): B

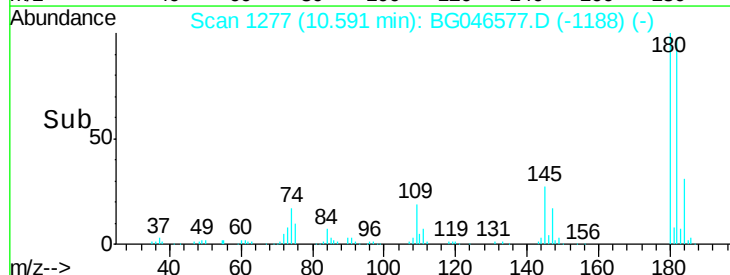
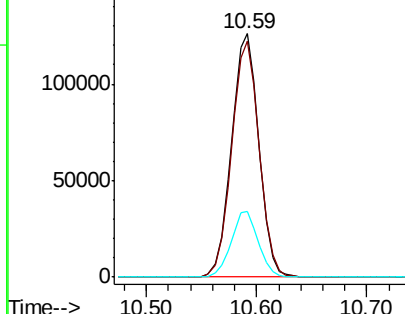


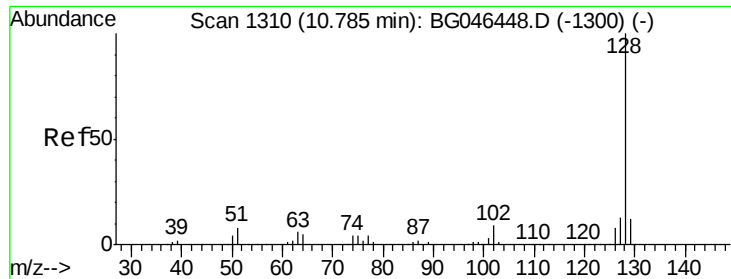
#30
 1,2,4-Trichlorobenzene
 Concen: 40.306 ng
 RT: 10.59 min Scan# 1277
 Delta R.T. -0.00 min
 Lab File: BG046577.D
 Acq: 9 Sep 2020 17:57

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.0	77.8	116.8
145	26.8	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

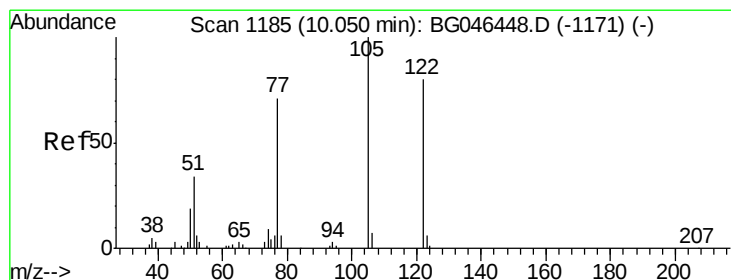
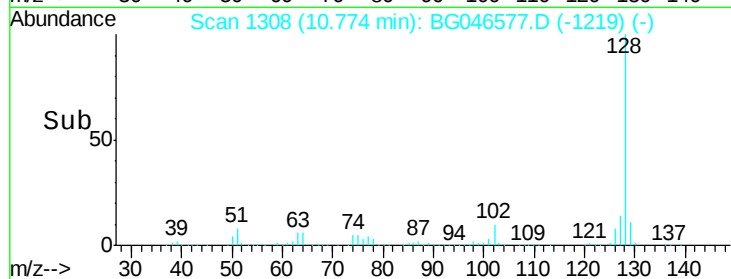
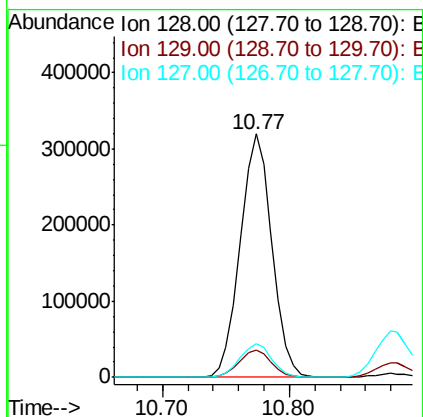
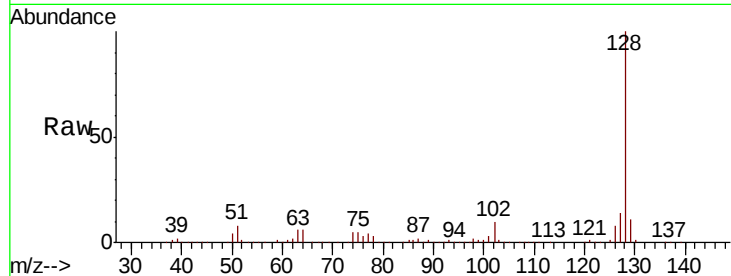




#31
Naphthalene
Concen: 41.397 ng
RT: 10.77 min Scan# 1308
Delta R.T. -0.00 min
Lab File: BG046577.D
Acq: 9 Sep 2020 17:57

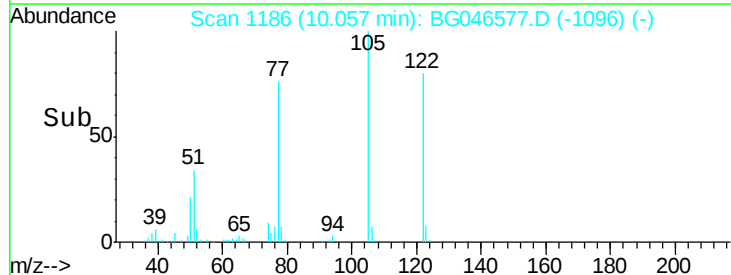
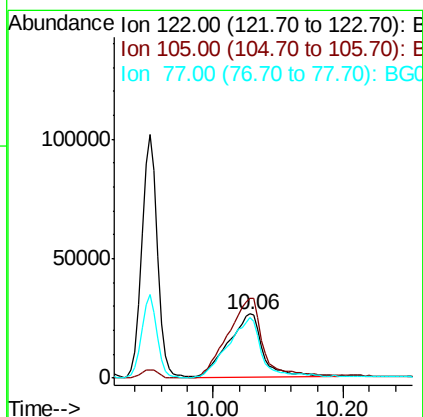
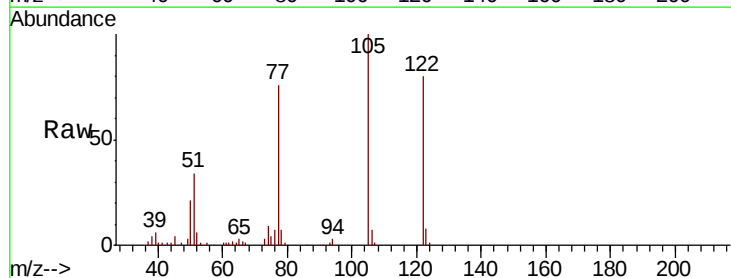
Instrument :
BNA_G
ClientSampleId :
VNJ-218MS

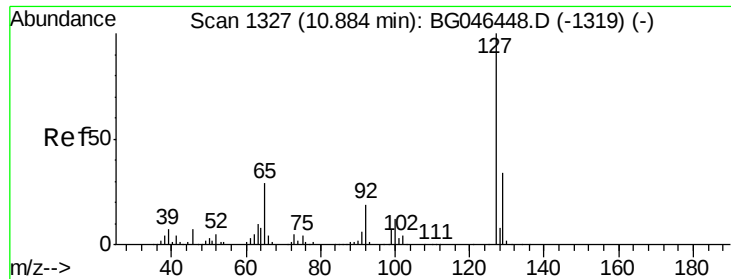
Tot Ion:128 Resp: 552403
Ion Ratio Lower Upper
128 100
129 11.3 9.2 13.8
127 14.0 10.7 16.1



#32
Benzoic acid
Concen: 40.557 ng
RT: 10.06 min Scan# 1186
Delta R.T. 0.00 min
Lab File: BG046577.D
Acq: 9 Sep 2020 17:57

Tgt Ion:122 Resp: 97382
Ion Ratio Lower Upper
122 100
105 124.2 102.5 142.5
77 95.0 68.2 108.2

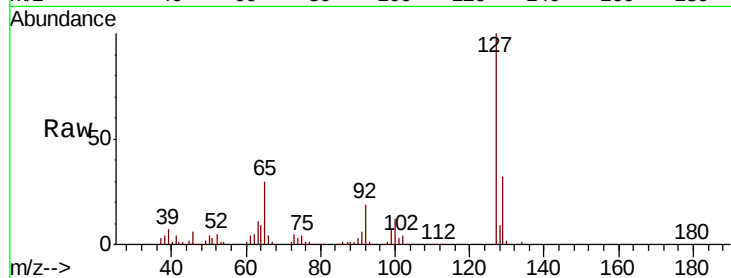




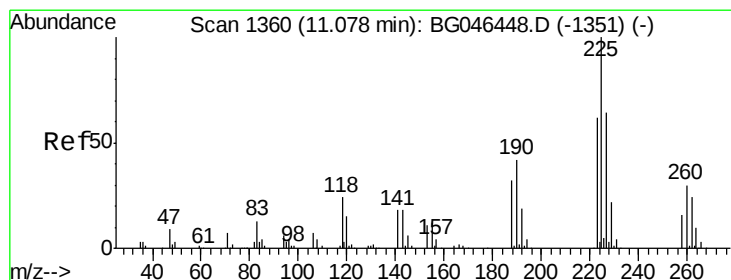
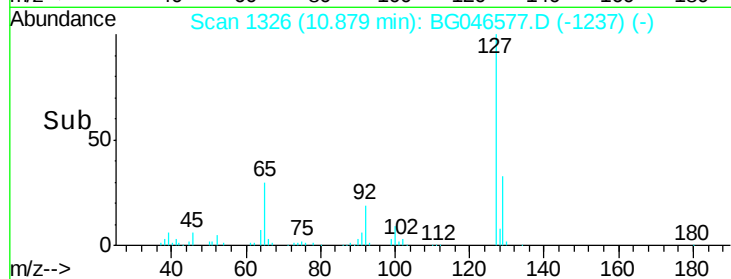
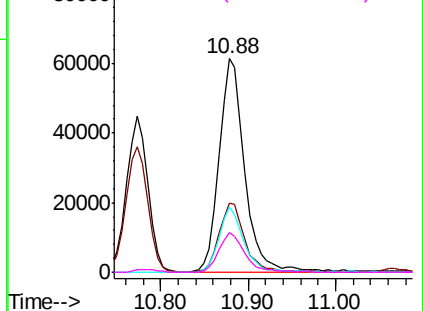
#33
4-Chloroaniline
Concen: 21.130 ng
RT: 10.88 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BG046577.D
Acq: 9 Sep 2020 17:57

Instrument :
BNA_G
ClientSampleId :
VNJ-218MS

Tot Ion:127	Resp:	124331
Ion Ratio	Lower	Upper
127 100		
129 32.4	27.0	40.4
65 30.3	23.5	35.3
92 18.9	14.9	22.3

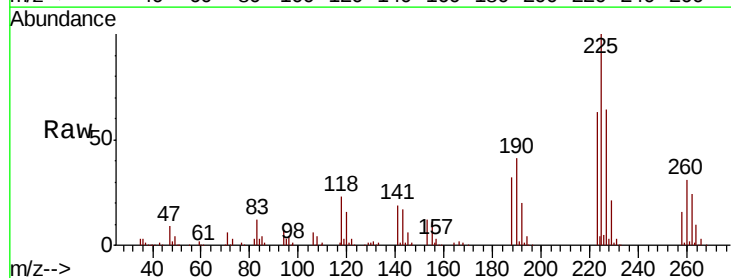


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

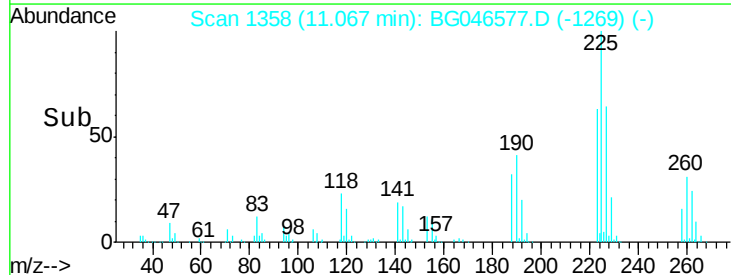
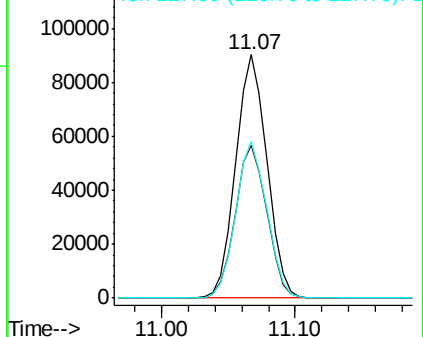


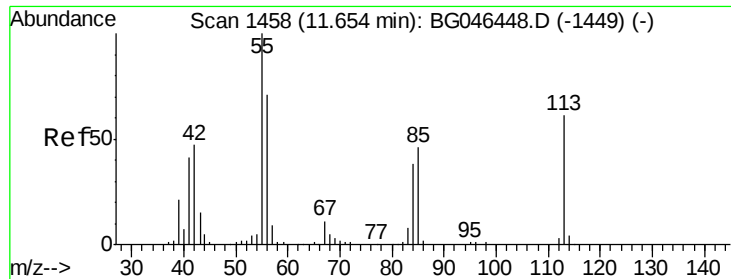
#34
Hexachlorobutadiene
Concen: 41.545 ng
RT: 11.07 min Scan# 1358
Delta R.T. -0.00 min
Lab File: BG046577.D
Acq: 9 Sep 2020 17:57

Tgt	Ion:225	Resp:	146231
Ion	Ratio	Lower	Upper
225	100		
223	62.6	49.9	74.9
227	64.5	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: 26.887 ng

RT: 11.65 min Scan# 1457

Delta R.T. -0.01 min

Lab File: BG046577.D

Acq: 9 Sep 2020 17:57

Instrument :

BNA_G

ClientSampleId :

VNJ-218MS

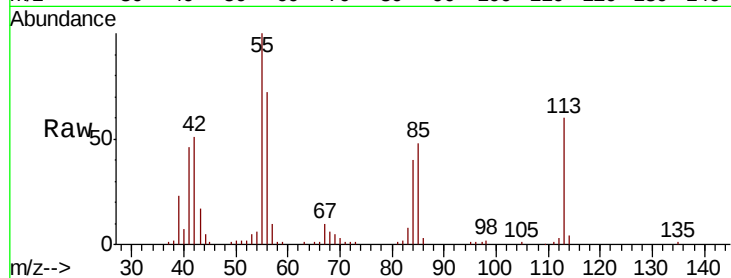
Tot Ion:113 Resp: 45928

Ion Ratio Lower Upper

113 100

55 165.4 144.2 184.2

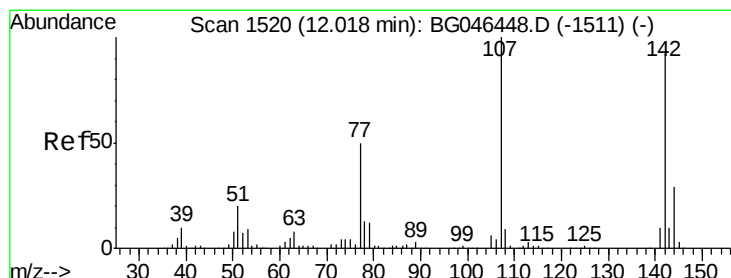
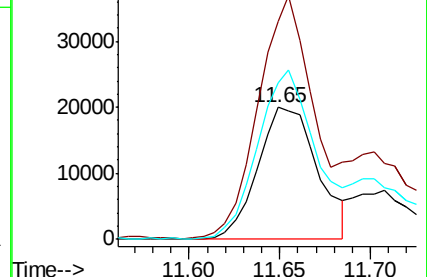
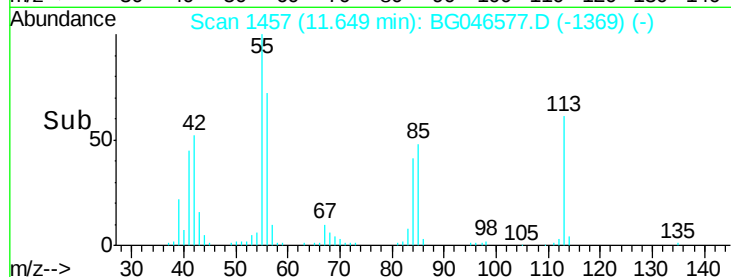
56 118.5 97.0 137.0



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#36

4-Chloro-3-methylphenol

Concen: 44.315 ng

RT: 12.02 min Scan# 1520

Delta R.T. 0.00 min

Lab File: BG046577.D

Acq: 9 Sep 2020 17:57

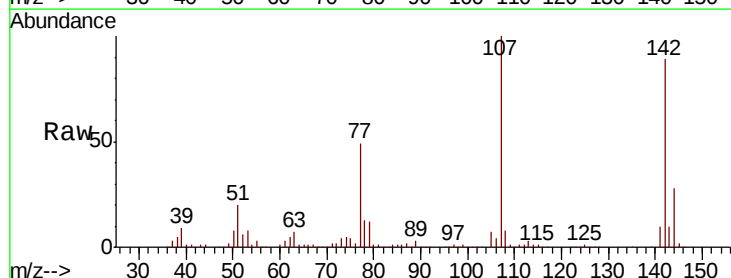
Tgt Ion:107 Resp: 198068

Ion Ratio Lower Upper

107 100

144 27.9 23.3 34.9

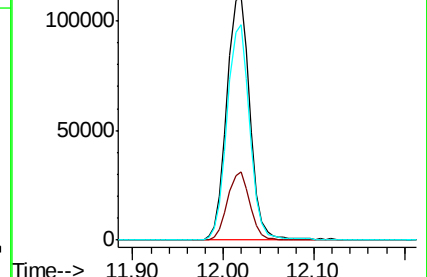
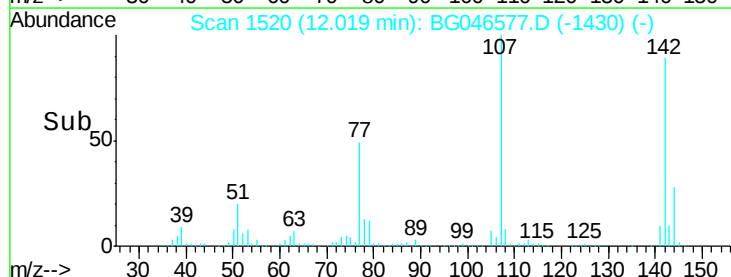
142 88.5 73.7 110.5

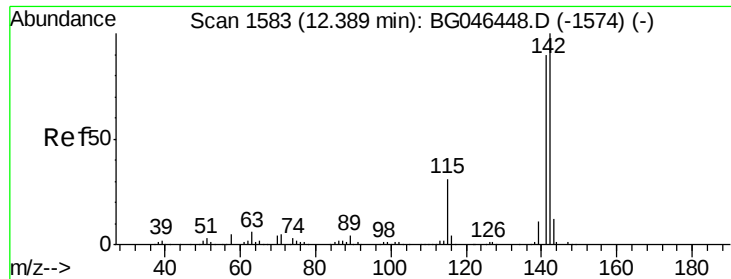


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

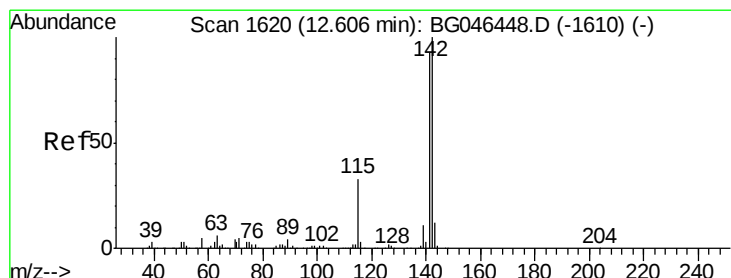
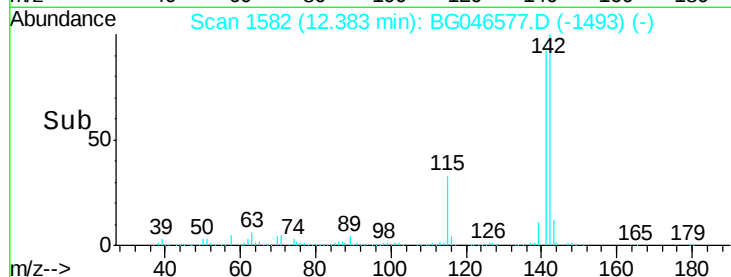
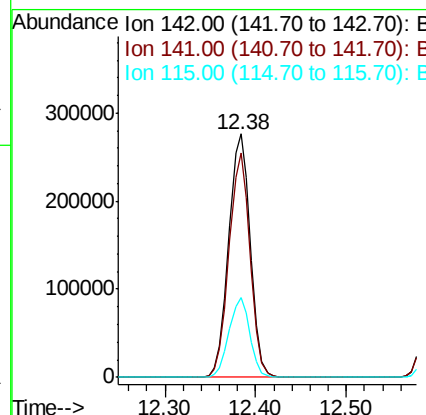
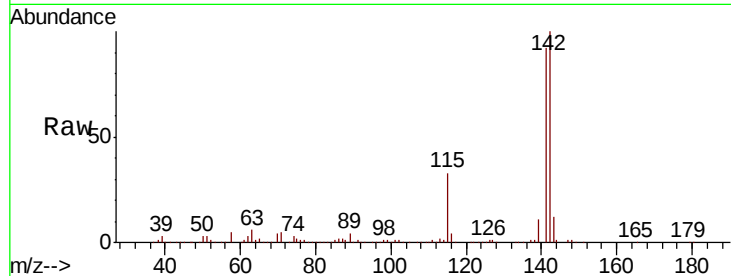




#37
2-Methylnaphthalene
Concen: 43.235 ng
RT: 12.38 min Scan# 1582
Delta R.T. -0.00 min
Lab File: BG046577.D
Acq: 9 Sep 2020 17:57

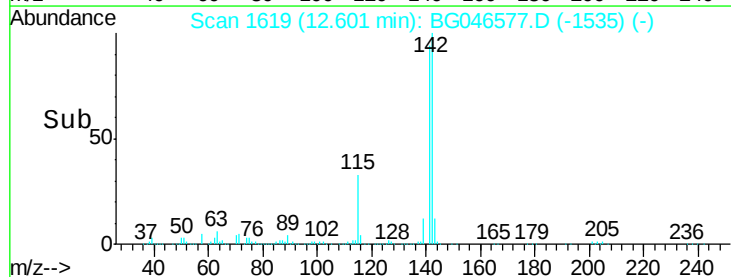
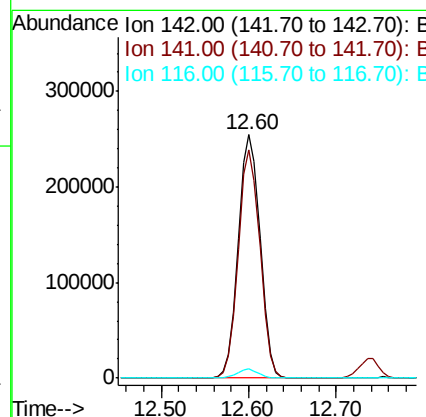
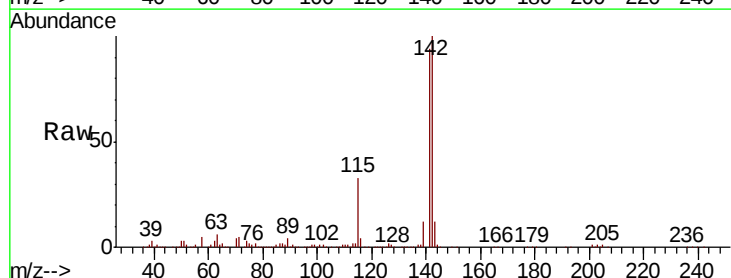
Instrument :
BNA_G
ClientSampleId :
VNJ-218MS

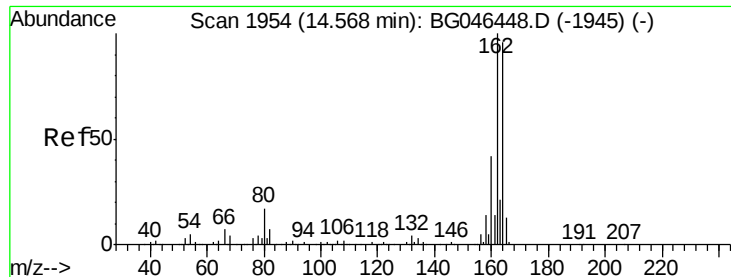
Tot Ion:142 Resp: 455000
Ion Ratio Lower Upper
142 100
141 92.4 72.1 108.1
115 32.8 24.9 37.3



#38
1-Methylnaphthalene
Concen: 42.857 ng
RT: 12.60 min Scan# 1619
Delta R.T. -0.00 min
Lab File: BG046577.D
Acq: 9 Sep 2020 17:57

Tgt Ion:142 Resp: 427227
Ion Ratio Lower Upper
142 100
141 93.6 74.7 112.1
116 3.7 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: BG046577.D

Acq: 9 Sep 2020 17:57

Instrument :

BNA_G

ClientSampleId :

VNJ-218MS

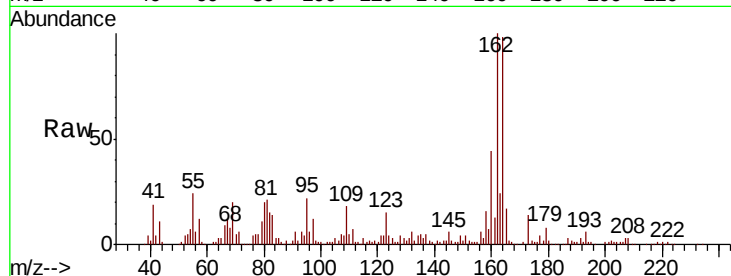
Tot Ion:164 Resp: 191715

Ion Ratio Lower Upper

164 100

162 102.3 83.3 124.9

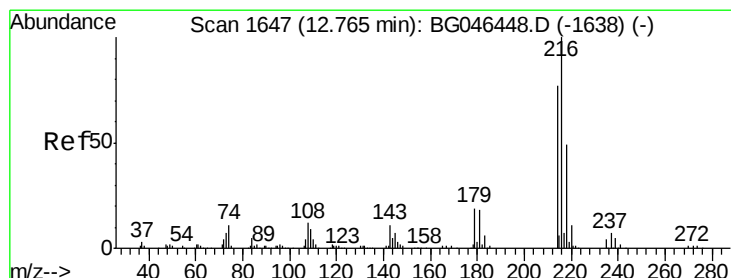
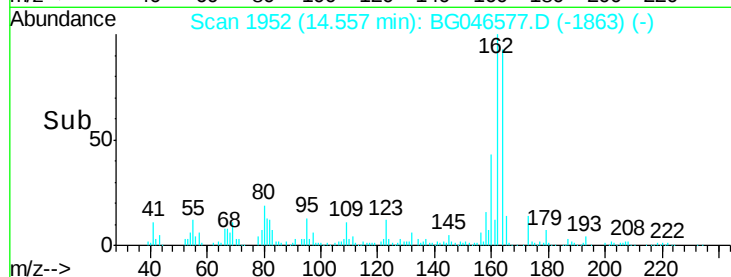
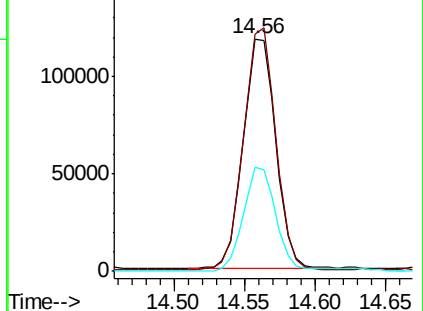
160 44.6 35.0 52.6



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: 44.062 ng

RT: 12.75 min Scan# 1645

Delta R.T. -0.00 min

Lab File: BG046577.D

Acq: 9 Sep 2020 17:57

Tgt Ion:216 Resp: 278562

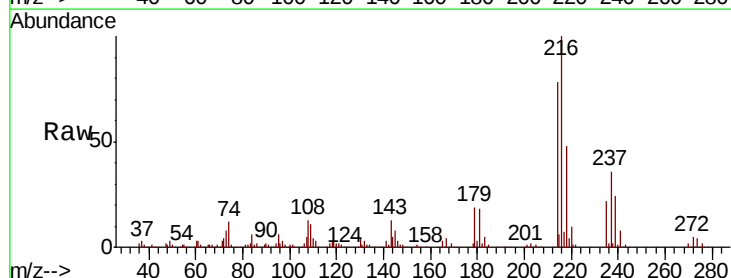
Ion Ratio Lower Upper

216 100

214 77.3 62.1 93.1

179 18.6 14.9 22.3

108 15.1 10.5 15.7

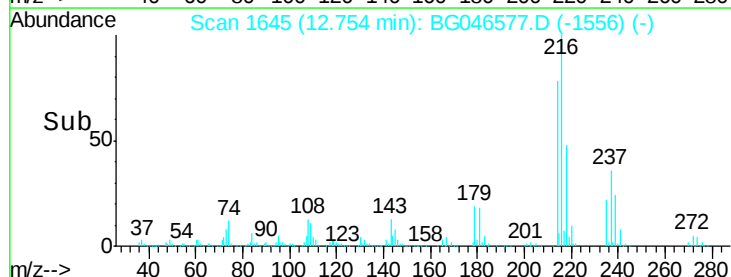
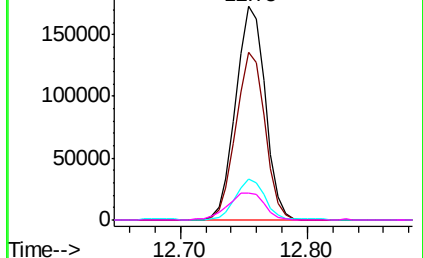


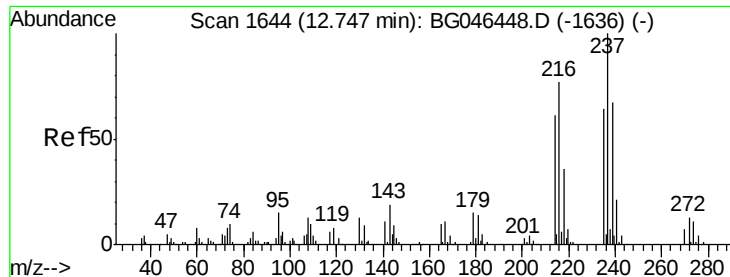
Abundance Ion 216.00 (215.70 to 216.70): E

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: 117.828 ng

RT: 12.74 min Scan# 1642

Delta R.T. -0.00 min

Lab File: BG046577.D

Acq: 9 Sep 2020 17:57

Instrument :

BNA_G

ClientSampleId :

VNJ-218MS

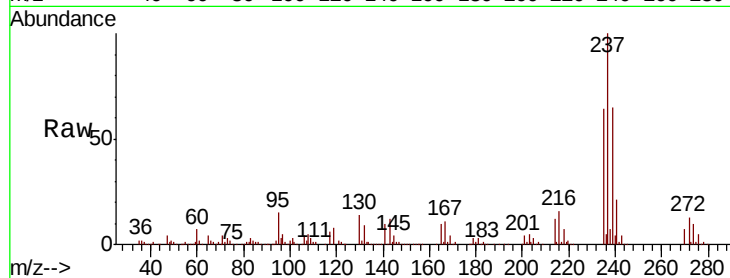
Tot Ion:237 Resp: 323905

Ion Ratio Lower Upper

237 100

235 63.7 44.5 84.5

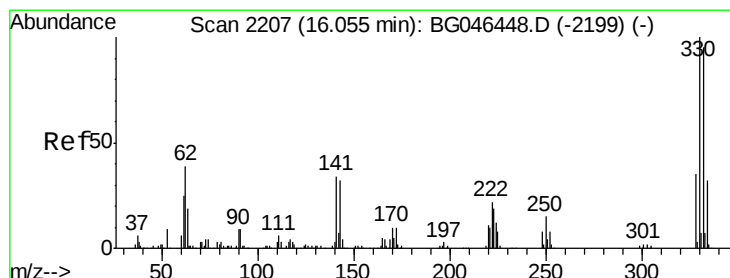
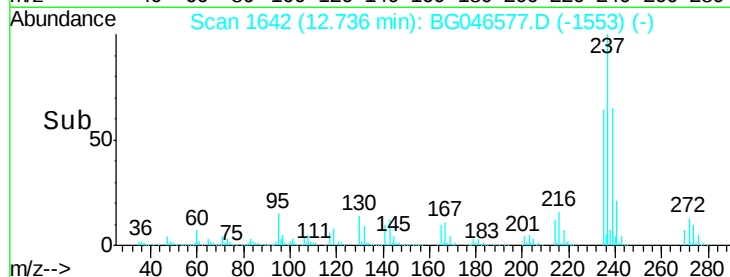
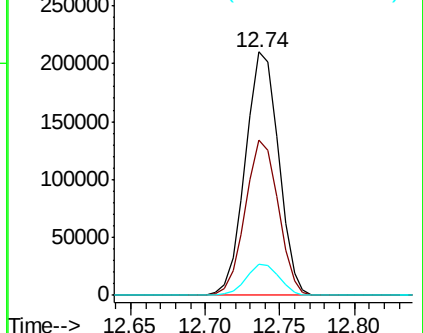
272 12.6 0.0 32.8



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: 73.907 ng

RT: 16.06 min Scan# 2207

Delta R.T. 0.01 min

Lab File: BG046577.D

Acq: 9 Sep 2020 17:57

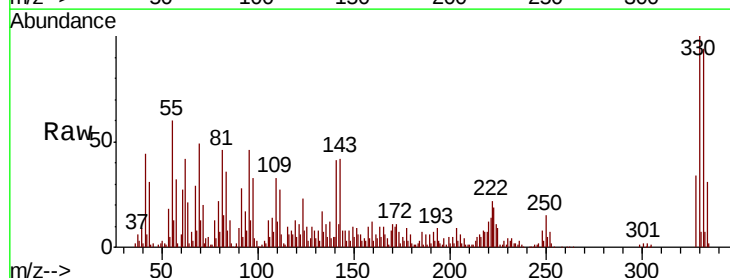
Tgt Ion:330 Resp: 191981

Ion Ratio Lower Upper

330 100

332 96.1 76.1 114.1

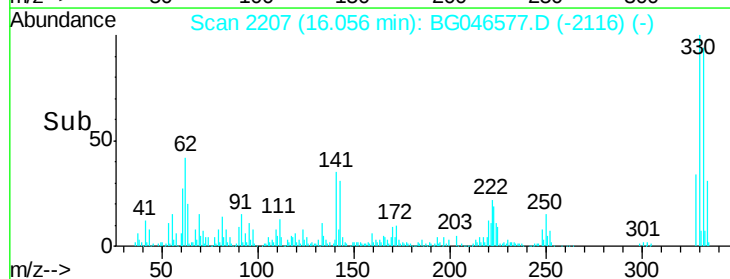
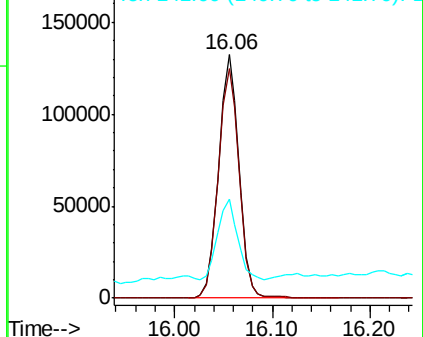
141 32.0 26.1 39.1

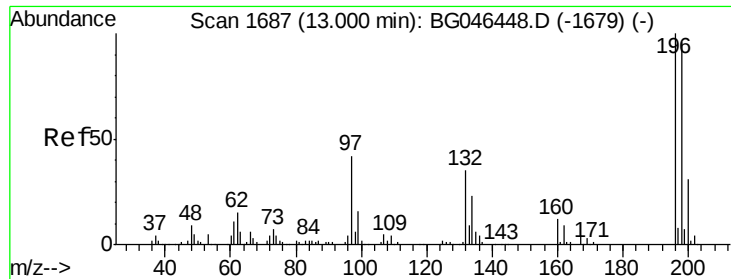


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

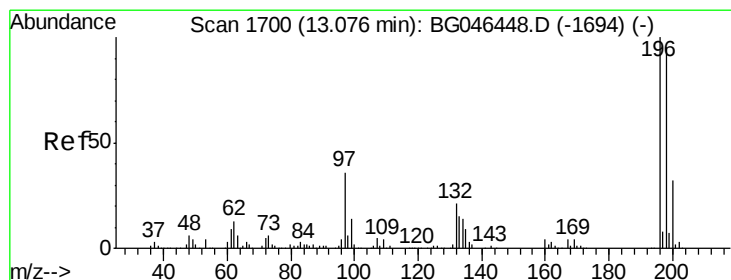
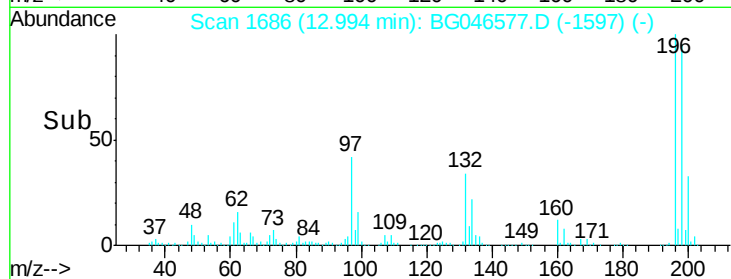
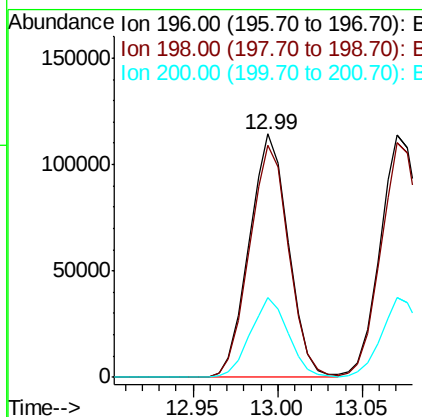
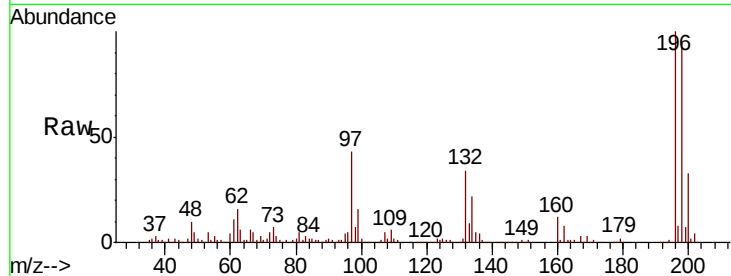




#43
 2,4,6-Trichlorophenol
 Concen: 43.214 ng
 RT: 12.99 min Scan# 1686
 Delta R.T. -0.00 min
 Lab File: BG046577.D
 Acq: 9 Sep 2020 17:57

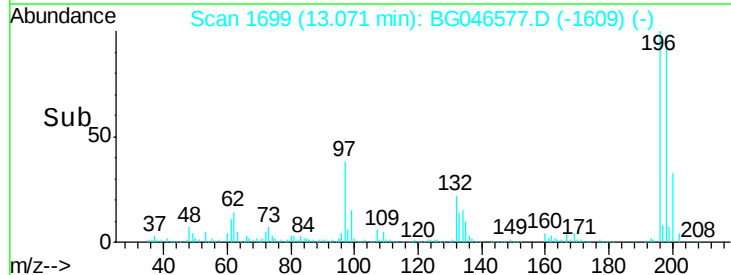
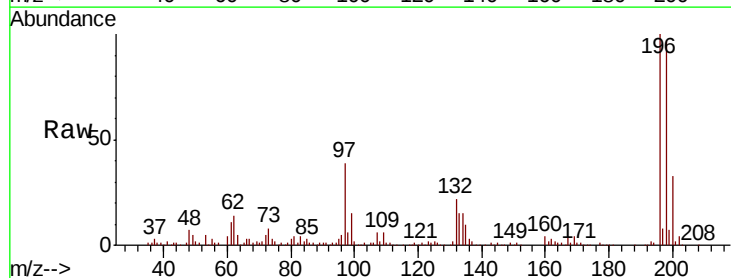
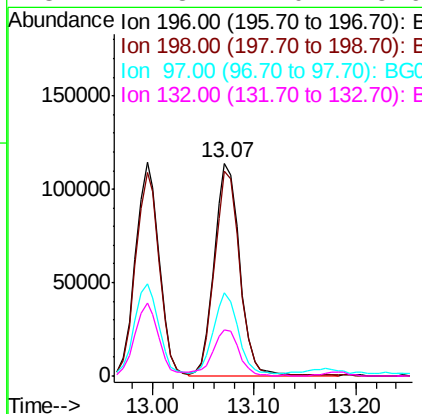
Instrument :
 BNA_G
 ClientSampleId :
 VNJ-218MS

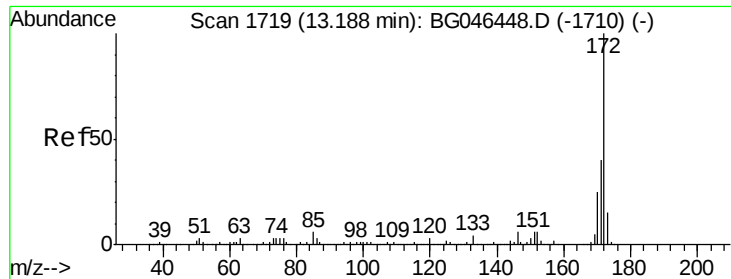
Tot Ion:196 Resp: 184363
 Ion Ratio Lower Upper
 196 100
 198 95.4 77.0 115.6
 200 32.7 25.2 37.8



#44
 2,4,5-Trichlorophenol
 Concen: 44.115 ng
 RT: 13.07 min Scan# 1699
 Delta R.T. 0.00 min
 Lab File: BG046577.D
 Acq: 9 Sep 2020 17:57

Tgt Ion:196 Resp: 197745
 Ion Ratio Lower Upper
 196 100
 198 96.6 75.6 113.4
 97 38.9 28.6 43.0
 132 21.8 17.0 25.6

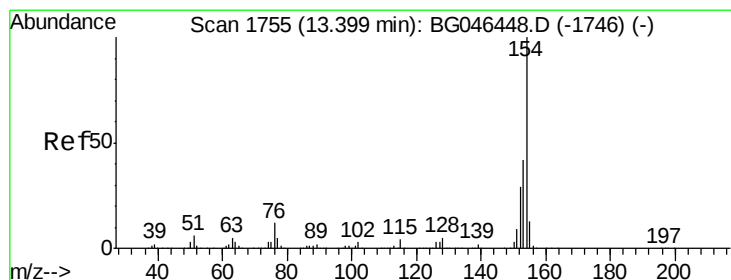
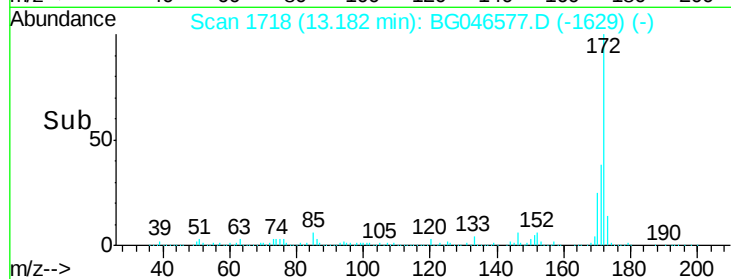
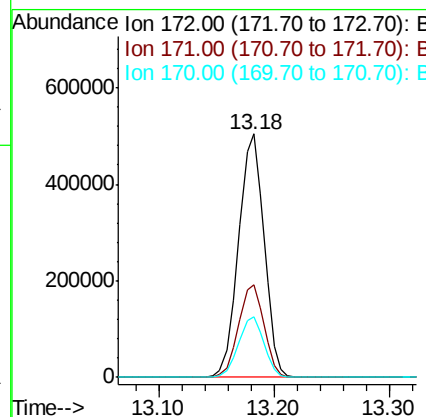
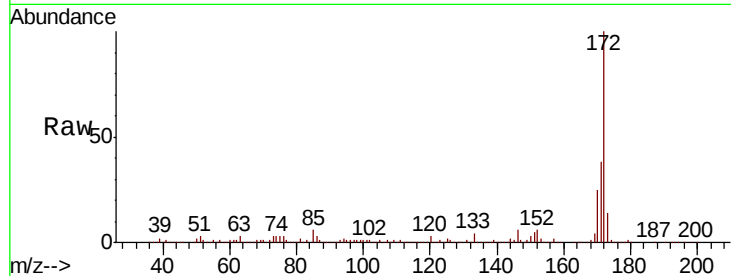




#45
 2-Fluorobiphenyl
 Concen: 61.428 ng
 RT: 13.18 min Scan# 1718
 Delta R.T. -0.00 min
 Lab File: BG046577.D
 Acq: 9 Sep 2020 17:57

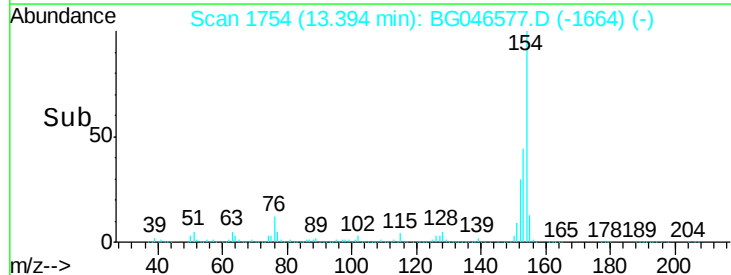
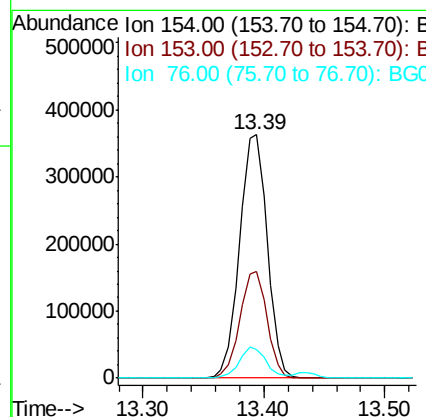
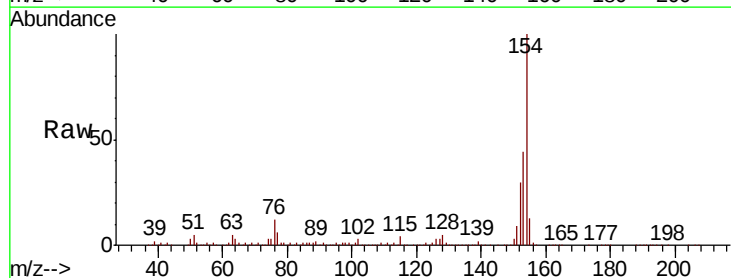
Instrument :
 BNA_G
 ClientSampleId :
 VNJ-218MS

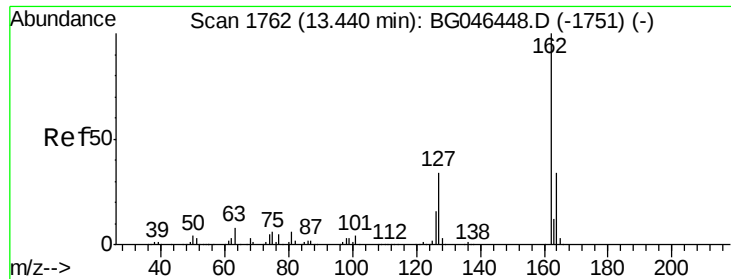
Tot Ion	Ratio	Lower	Upper
172	100		
171	38.0	31.8	47.6
170	24.9	20.3	30.5



#46
 1,1'-Biphenyl
 Concen: 43.568 ng
 RT: 13.39 min Scan# 1754
 Delta R.T. 0.00 min
 Lab File: BG046577.D
 Acq: 9 Sep 2020 17:57

Tgt Ion	Ratio	Lower	Upper
154	100		
153	43.9	22.0	62.0
76	11.9	0.0	32.3

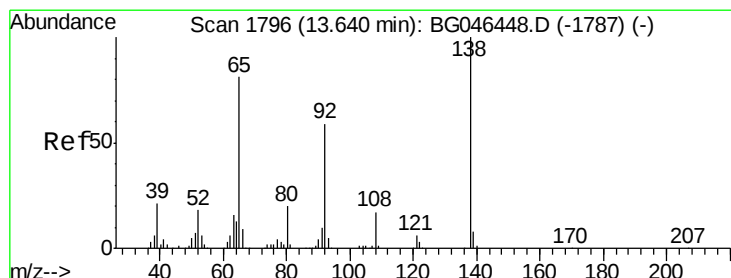
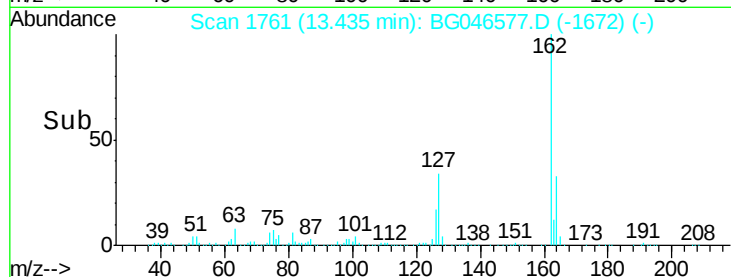
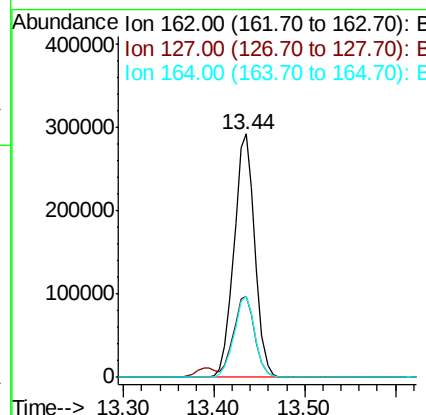
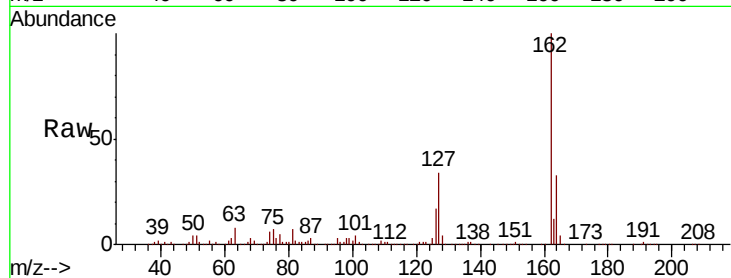




#47
2-Chloronaphthalene
Concen: 41.222 ng
RT: 13.44 min Scan# 1761
Delta R.T. -0.00 min
Lab File: BG046577.D
Acq: 9 Sep 2020 17:57

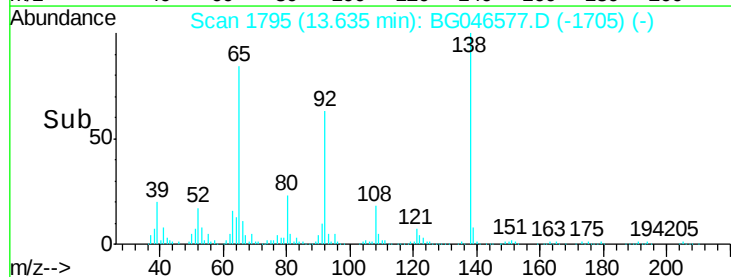
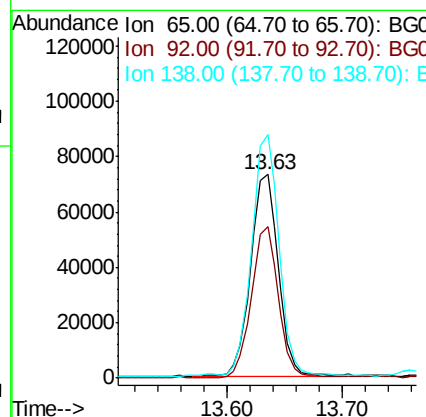
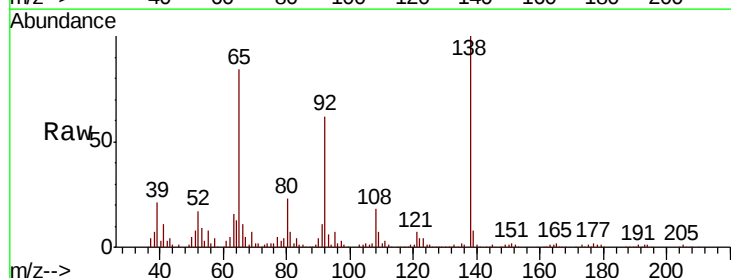
Instrument :
BNA_G
ClientSampleId :
VNJ-218MS

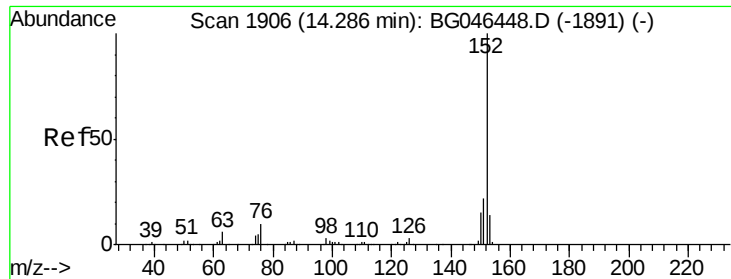
Tot Ion	Ratio	Lower	Upper
162	100		
127	33.5	27.6	41.4
164	33.2	27.3	40.9



#48
2-Nitroaniline
Concen: 38.592 ng
RT: 13.63 min Scan# 1795
Delta R.T. 0.00 min
Lab File: BG046577.D
Acq: 9 Sep 2020 17:57

Tgt Ion	Ratio	Lower	Upper
65	100		
92	74.6	58.5	87.7
138	119.7	98.4	147.6





#49

Acenaphthylene

Concen: 41.728 ng

RT: 14.28 min Scan# 1905

Delta R.T. -0.00 min

Lab File: BG046577.D

Acq: 9 Sep 2020 17:57

Instrument :

BNA_G

ClientSampleId :

VNJ-218MS

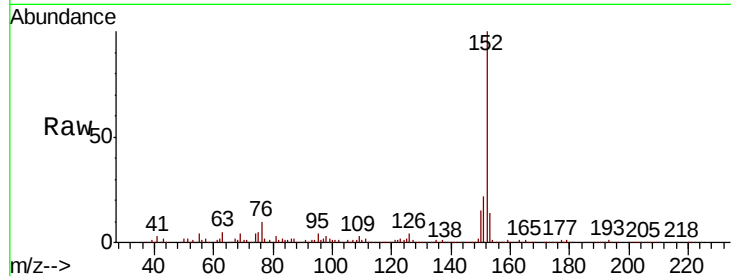
Tot Ion:152 Resp: 715846

Ion Ratio Lower Upper

152 100

151 22.2 17.7 26.5

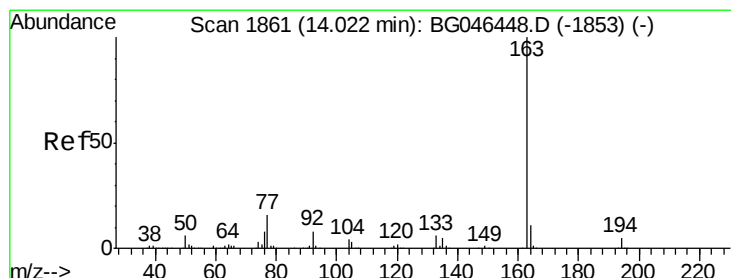
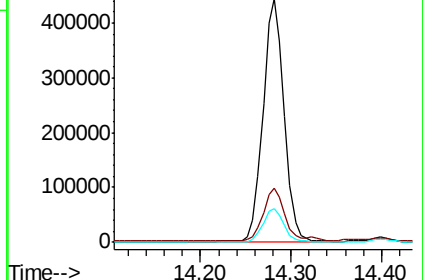
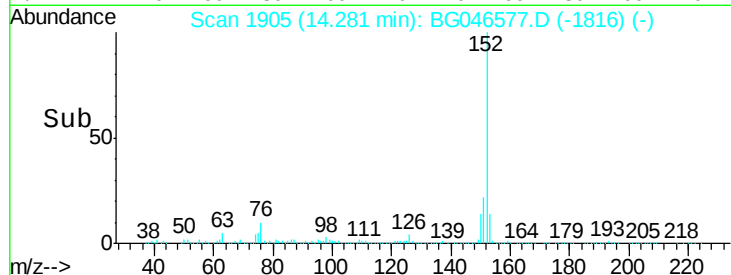
153 14.0 11.2 16.8



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: 43.472 ng

RT: 14.02 min Scan# 1860

Delta R.T. 0.00 min

Lab File: BG046577.D

Acq: 9 Sep 2020 17:57

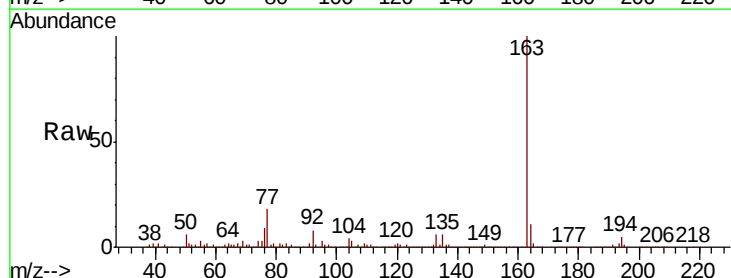
Tgt Ion:163 Resp: 644775

Ion Ratio Lower Upper

163 100

194 5.0 3.7 5.5

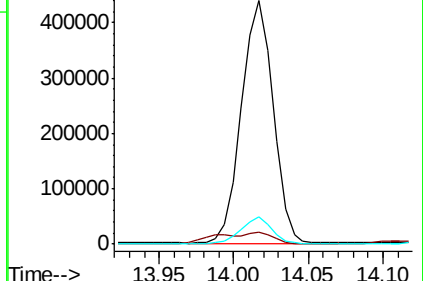
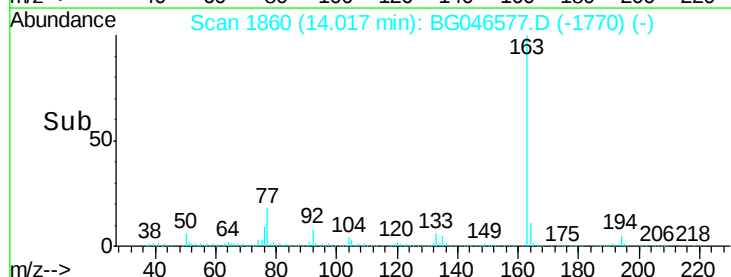
164 11.0 8.6 12.8

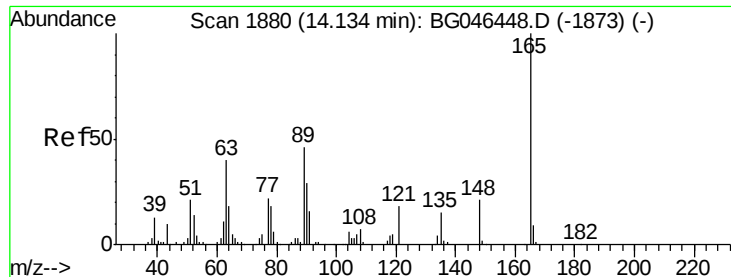


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

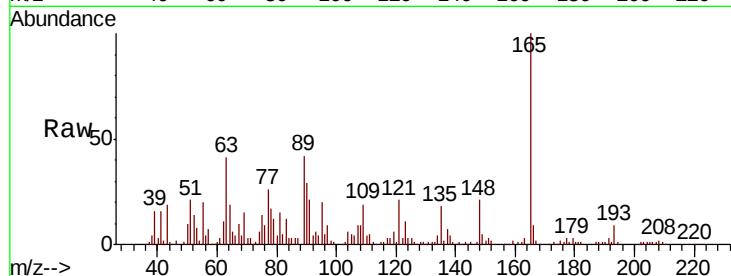




#51
2,6-Dinitrotoluene
Concen: 43.046 ng
RT: 14.13 min Scan# 1880
Delta R.T. 0.00 min
Lab File: BG046577.D
Acq: 9 Sep 2020 17:57

Instrument :
BNA_G
ClientSampleId :
VNJ-218MS

Tot Ion	Ratio	Lower	Upper
165	100		
63	40.7	34.2	51.4
89	42.5	37.0	55.4

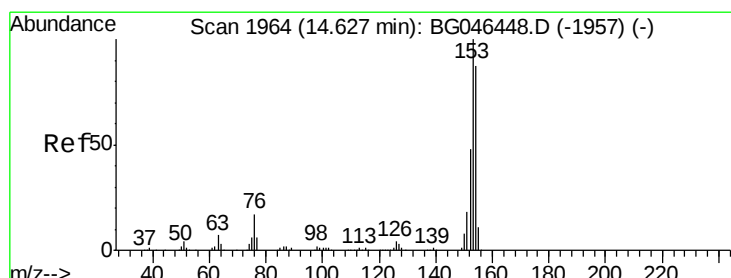
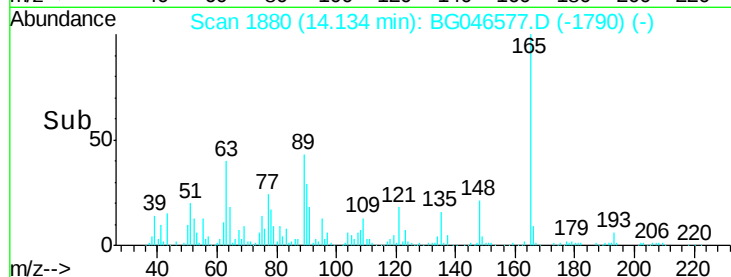
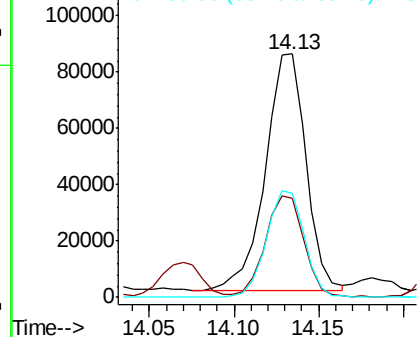


Abundance

Ion 165.00 (164.70 to 165.70): E

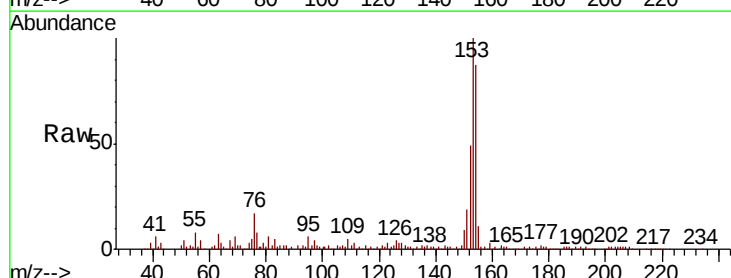
Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC



#52
Acenaphthene
Concen: 40.088 ng
RT: 14.63 min Scan# 1964
Delta R.T. 0.00 min
Lab File: BG046577.D
Acq: 9 Sep 2020 17:57

Tgt Ion	Ratio	Lower	Upper
154	100		
153	114.9	91.9	137.9
152	56.6	43.8	65.6

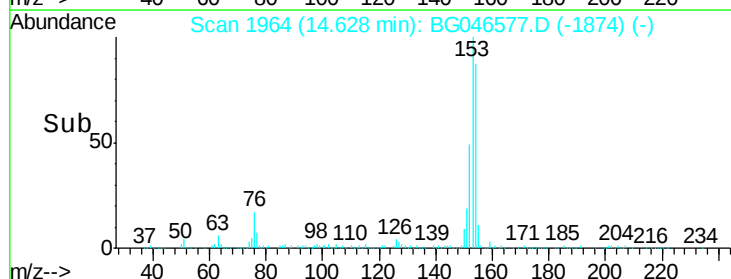
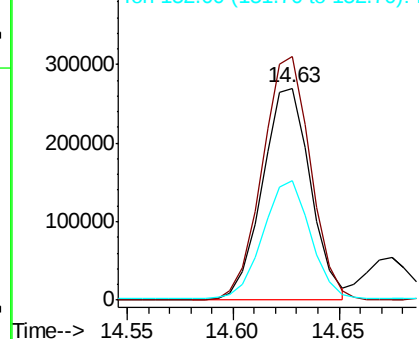


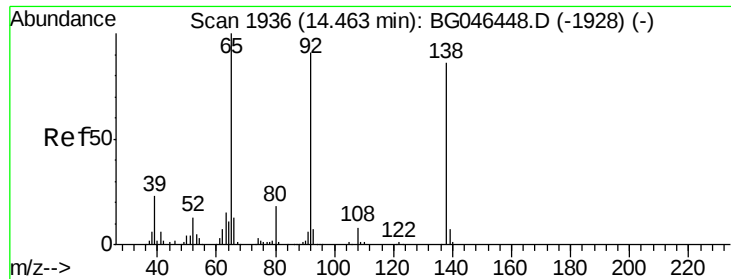
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 29.900 ng

RT: 14.46 min Scan# 1935

Delta R.T. -0.00 min

Lab File: BG046577.D

Acq: 9 Sep 2020 17:57

Instrument :

BNA_G

ClientSampleId :

VNJ-218MS

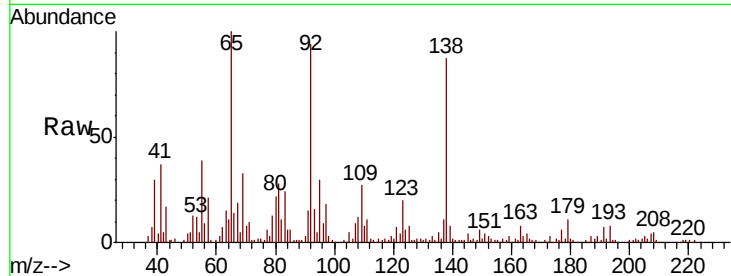
Tot Ion:138 Resp: 105891

Ion Ratio Lower Upper

138 100

108 13.7 7.0 10.6#

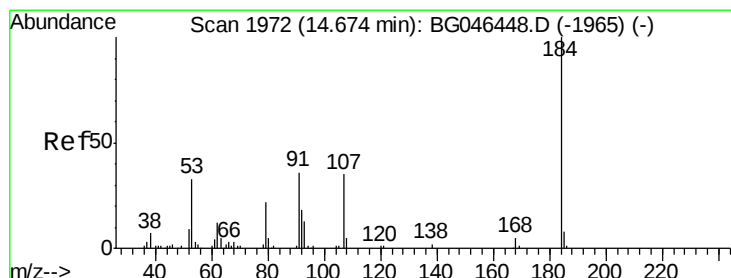
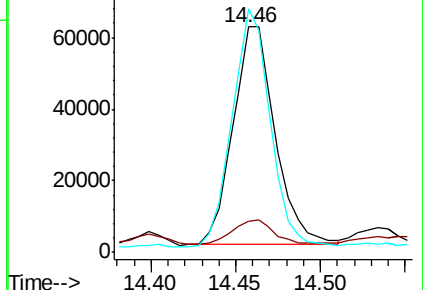
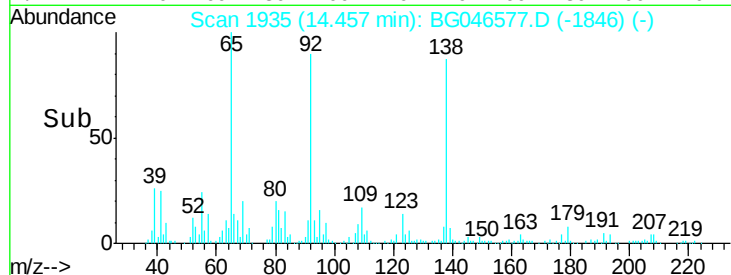
92 107.9 84.6 127.0



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: 85.564 ng

RT: 14.67 min Scan# 1972

Delta R.T. 0.00 min

Lab File: BG046577.D

Acq: 9 Sep 2020 17:57

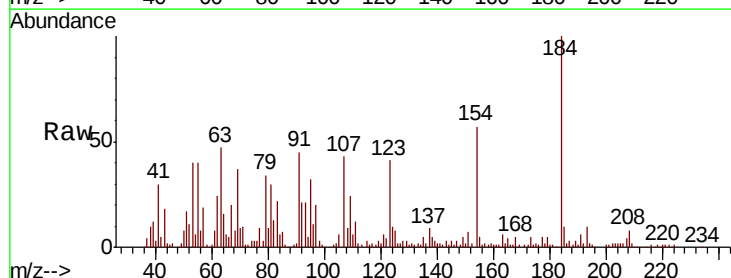
Tgt Ion:184 Resp: 163292

Ion Ratio Lower Upper

184 100

63 47.0 35.6 53.4

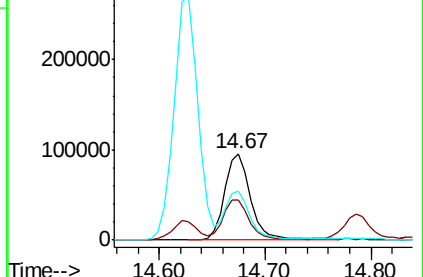
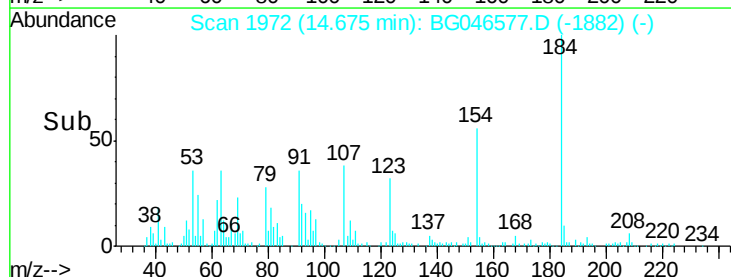
154 56.5 44.3 66.5

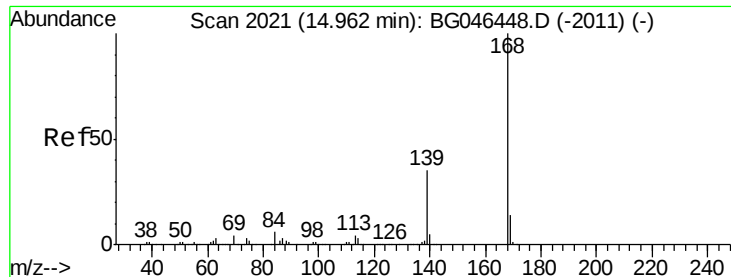


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

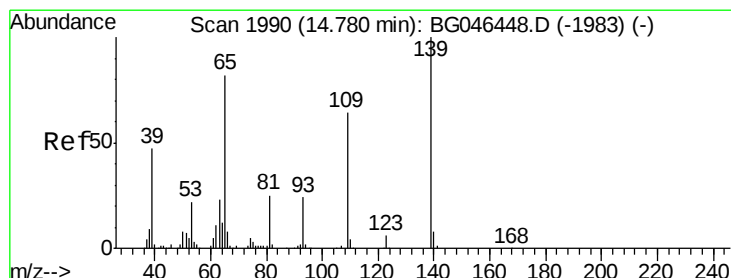
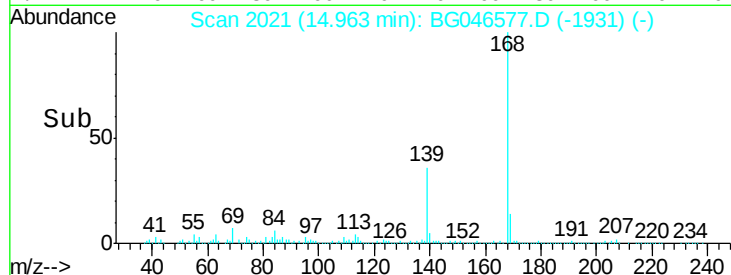
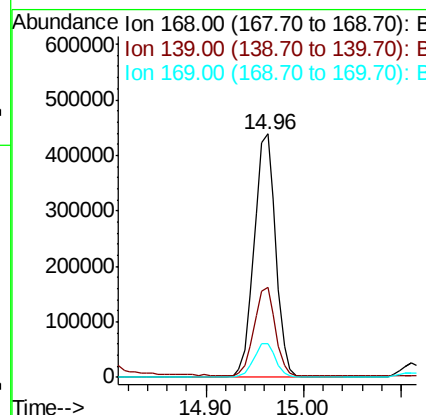
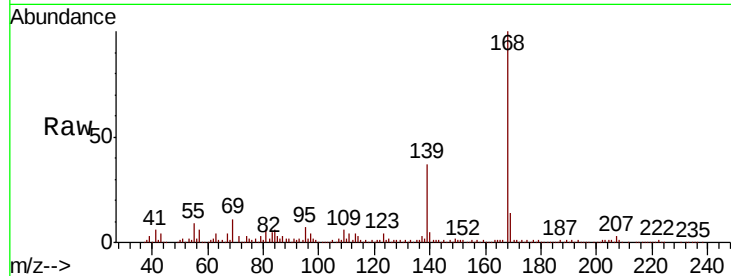




#55
Dibenzenofuran
Concen: 39.837 ng
RT: 14.96 min Scan# 2021
Delta R.T. 0.00 min
Lab File: BG046577.D
Acq: 9 Sep 2020 17:57

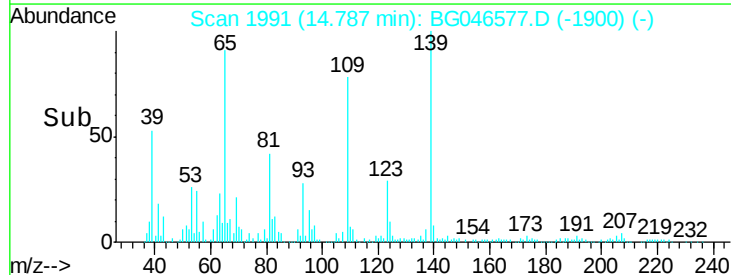
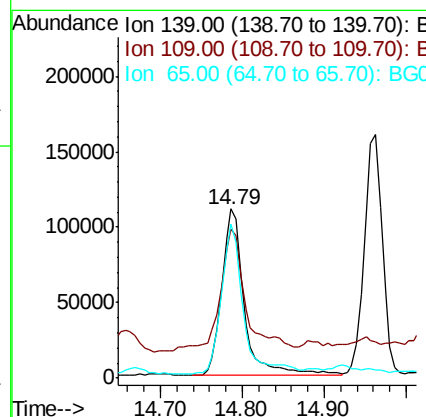
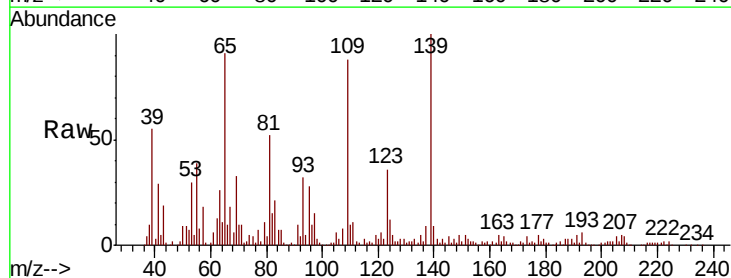
Instrument :
BNA_G
ClientSampled :
VNJ-218MS

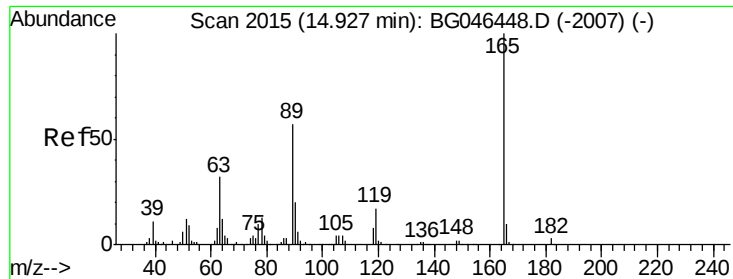
Tot Ion:168 Resp: 679646
Ion Ratio Lower Upper
168 100
139 36.8 28.1 42.1
169 14.1 11.5 17.3



#56
4-Nitrophenol
Concen: 79.869 ng
RT: 14.79 min Scan# 1991
Delta R.T. 0.01 min
Lab File: BG046577.D
Acq: 9 Sep 2020 17:57

Tgt Ion:139 Resp: 208171
Ion Ratio Lower Upper
139 100
109 88.1 44.3 84.3#
65 91.4 61.5 101.5

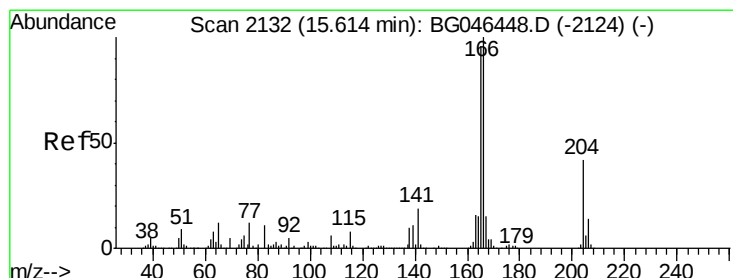
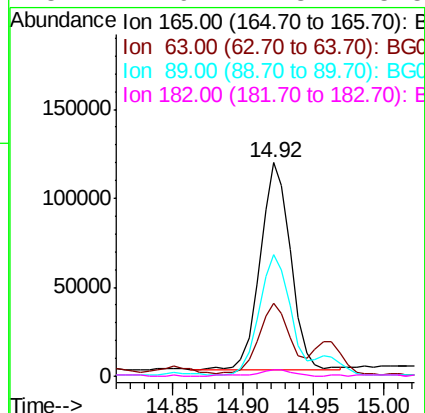
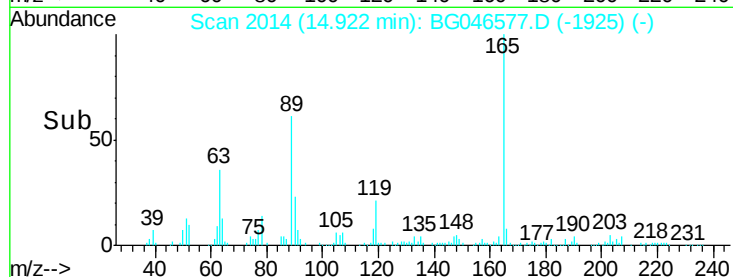
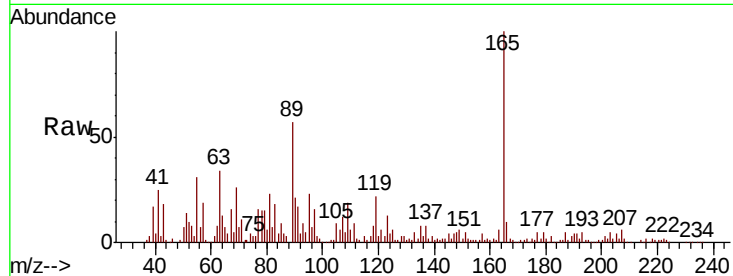




#57
2,4-Dinitrotoluene
Concen: 37.815 ng
RT: 14.92 min Scan# 2014
Delta R.T. -0.00 min
Lab File: BG046577.D
Acq: 9 Sep 2020 17:57

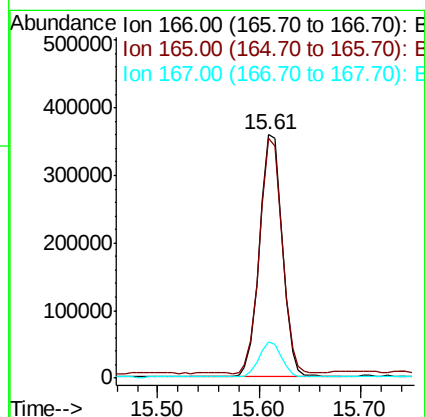
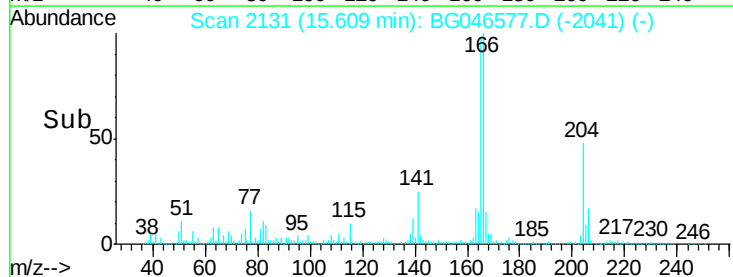
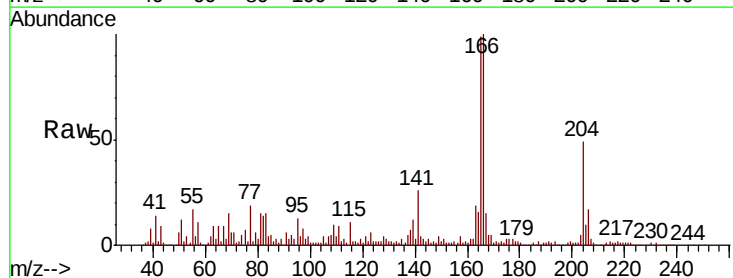
Instrument :
BNA_G
ClientSampleId :
VNJ-218MS

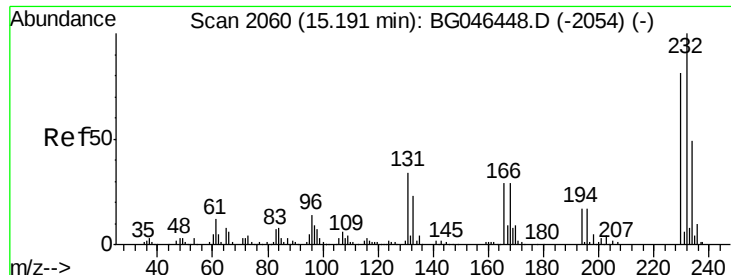
Tot Ion:165	Resp:	176292
Ion	Ratio	Lower Upper
165	100	
63	33.9	25.4 38.0
89	56.7	45.9 68.9
182	2.9	2.3 3.5



#58
Fluorene
Concen: 39.029 ng
RT: 15.61 min Scan# 2131
Delta R.T. 0.00 min
Lab File: BG046577.D
Acq: 9 Sep 2020 17:57

Tgt Ion:166	Resp:	558859
Ion	Ratio	Lower Upper
166	100	
165	98.7	77.0 115.4
167	14.9	11.8 17.6

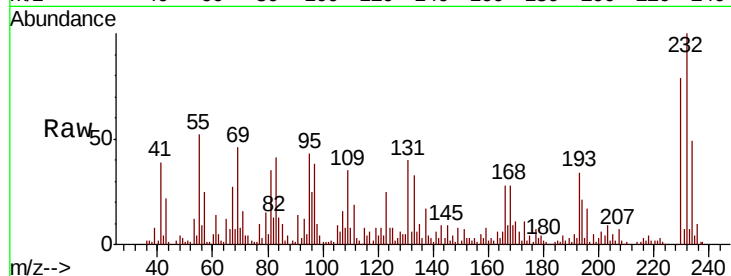




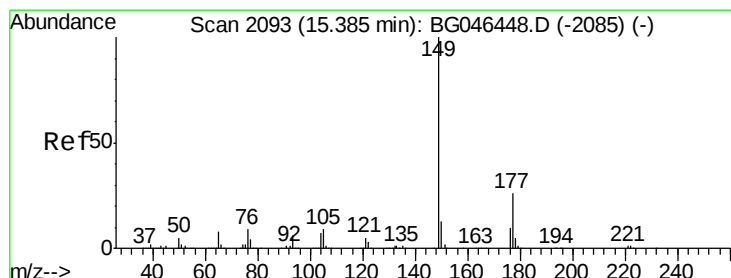
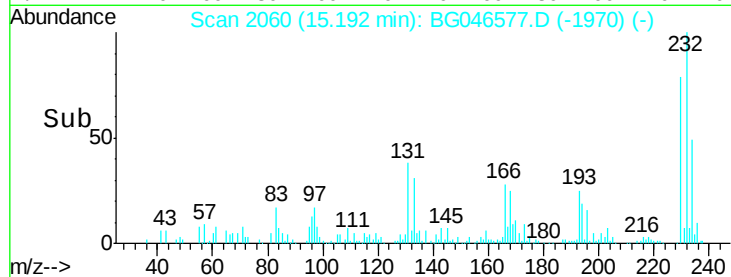
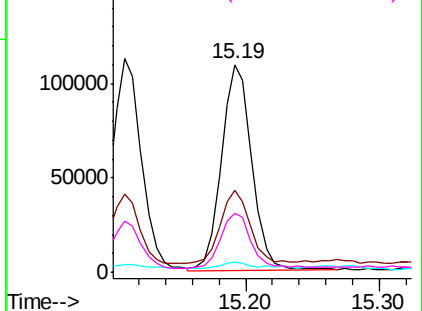
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 39.585 ng
 RT: 15.19 min Scan# 2060
 Delta R.T. 0.00 min
 Lab File: BG046577.D
 Acq: 9 Sep 2020 17:57

Instrument :
 BNA_G
 ClientSampleId :
 VNJ-218MS

Tot Ion:232	Resp:	172307
Ion Ratio	Lower	Upper
232	100	
131	34.2	26.8 40.2
130	4.4	1.4 2.2#
166	27.7	22.8 34.2

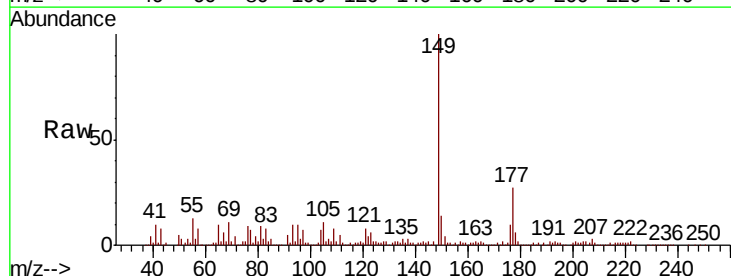


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

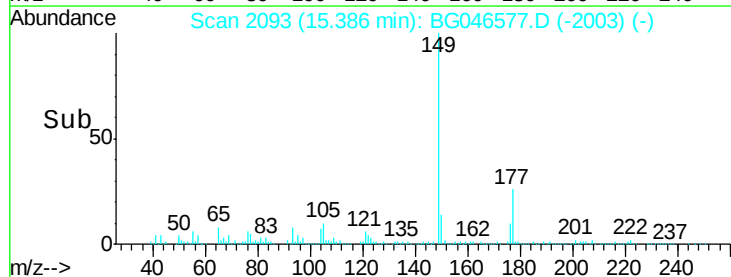
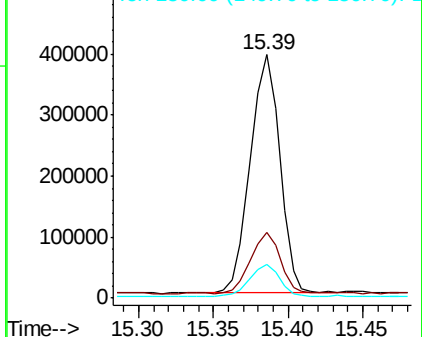


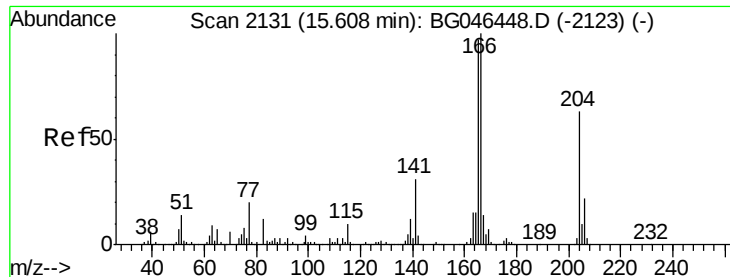
#60
 Diethylphthalate
 Concen: 37.113 ng
 RT: 15.39 min Scan# 2093
 Delta R.T. 0.00 min
 Lab File: BG046577.D
 Acq: 9 Sep 2020 17:57

Tgt Ion:149	Resp:	536697
Ion Ratio	Lower	Upper
149	100	
177	27.2	20.6 30.8
150	13.8	10.3 15.5



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E

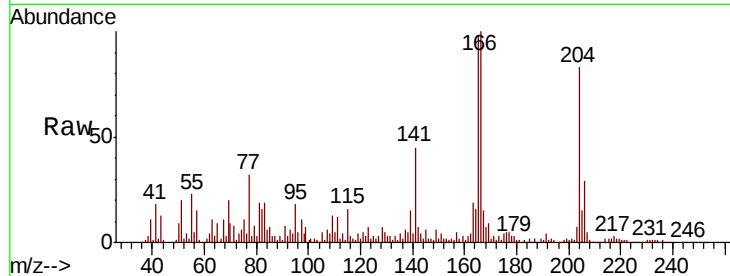




#61
4-Chlorophenyl-phenylether
Concen: 39.774 ng
RT: 15.60 min Scan# 2130
Delta R.T. 0.00 min
Lab File: BG046577.D
Acq: 9 Sep 2020 17:57

Instrument :
BNA_G
ClientSampleId :
VNJ-218MS

Tot Ion	Ratio	Lower	Upper
204	100		
206	34.8	27.7	41.5
141	54.3	38.7	58.1

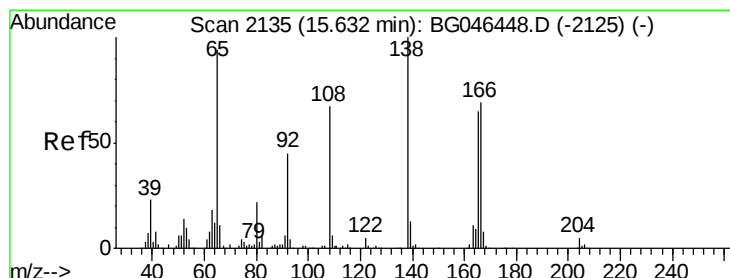
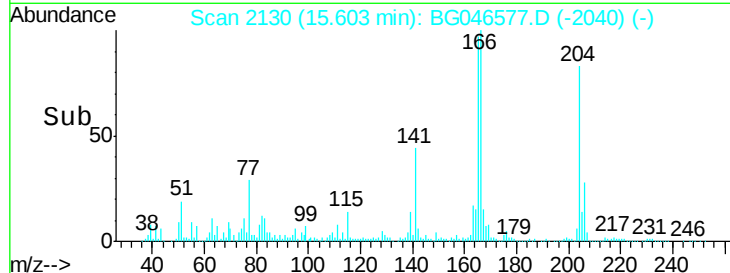
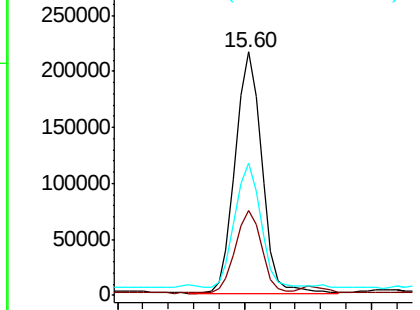


Abundance

Ion 204.00 (203.70 to 204.70): E

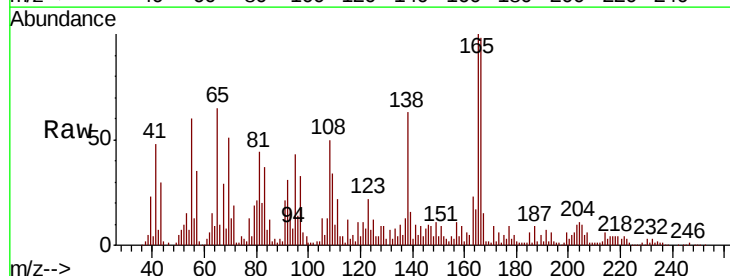
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 31.585 ng
RT: 15.63 min Scan# 2134
Delta R.T. 0.00 min
Lab File: BG046577.D
Acq: 9 Sep 2020 17:57

Tgt Ion	Ratio	Lower	Upper
138	100		
92	48.4	25.3	65.3
108	78.2	46.7	86.7

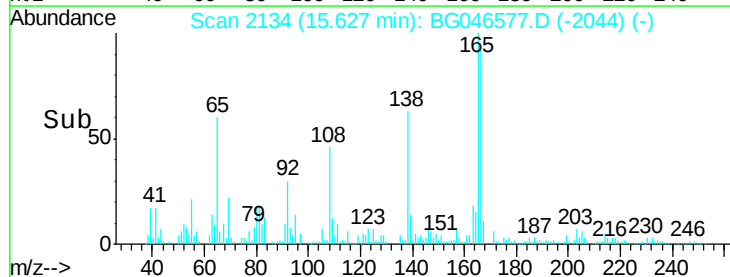
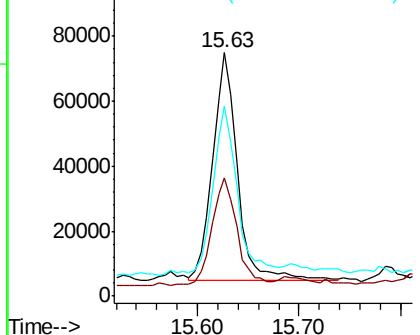


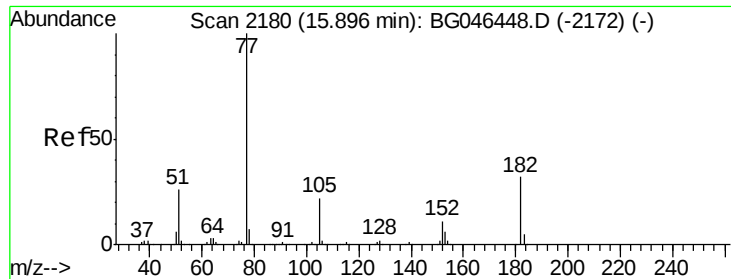
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E

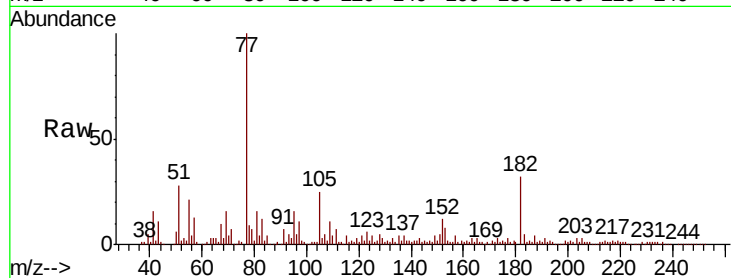




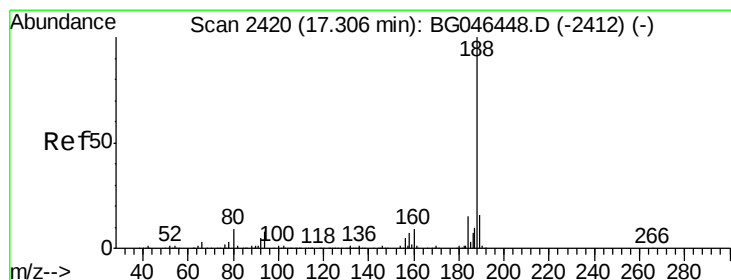
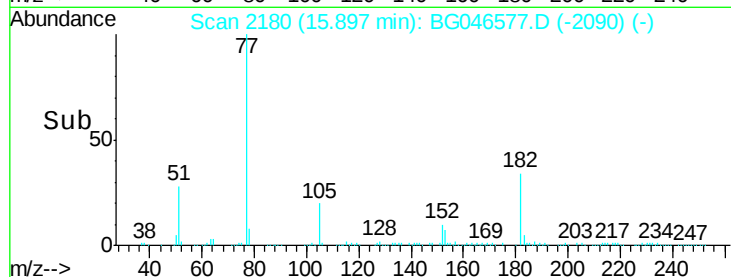
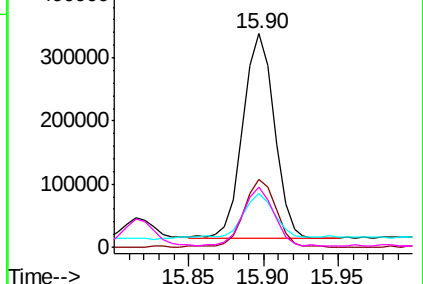
#63
Azobenzene
Concen: 40.182 ng
RT: 15.90 min Scan# 2180
Delta R.T. 0.00 min
Lab File: BG046577.D
Acq: 9 Sep 2020 17:57

Instrument :
BNA_G
ClientSampleId :
VNJ-218MS

Tot Ion:	77	Resp:	472675
Ion	Ratio	Lower	Upper
77	100		
182	32.0	12.3	52.3
105	24.9	2.3	42.3
51	28.1	6.5	46.5

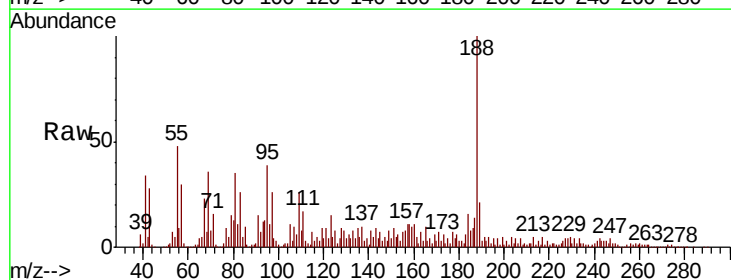


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

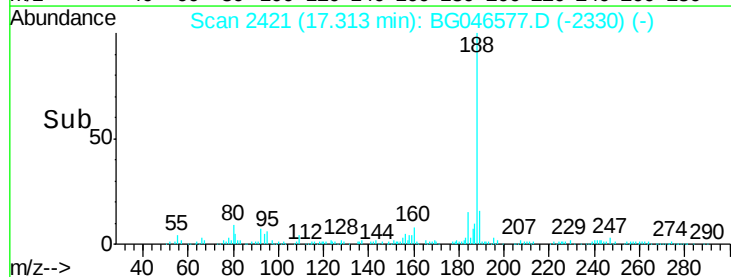
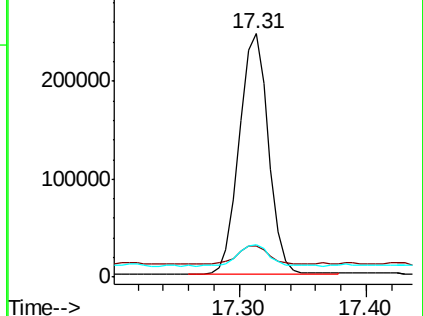


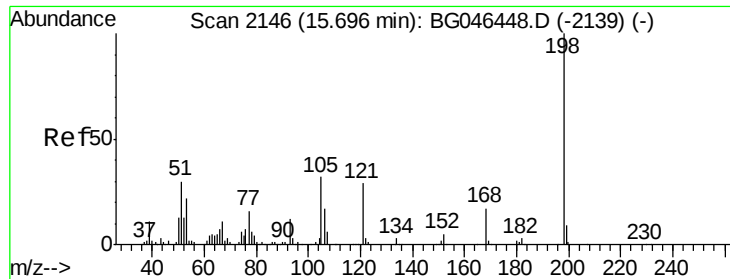
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.31 min Scan# 2421
Delta R.T. 0.01 min
Lab File: BG046577.D
Acq: 9 Sep 2020 17:57

Tgt Ion:	188	Resp:	391075
Ion	Ratio	Lower	Upper
188	100		
94	12.8	6.3	9.5#
80	13.2	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

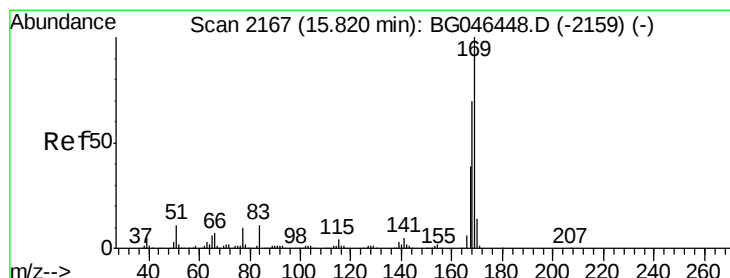
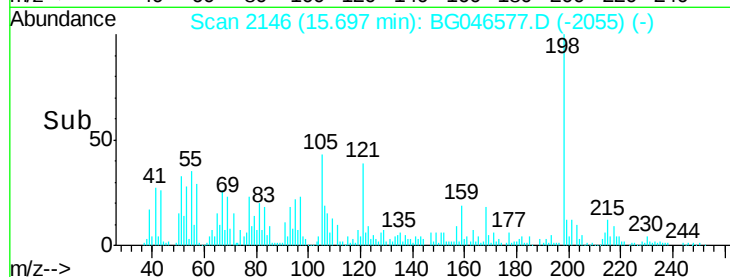
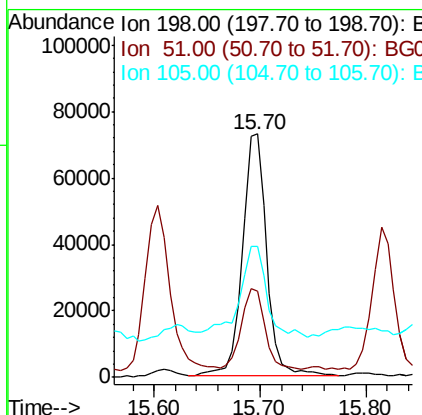
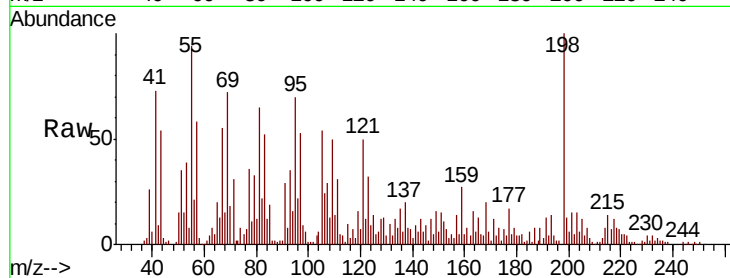




#65
 4,6-Dinitro-2-methylphenol
 Concen: 52.253 ng
 RT: 15.70 min Scan# 2146
 Delta R.T. 0.01 min
 Lab File: BG046577.D
 Acq: 9 Sep 2020 17:57

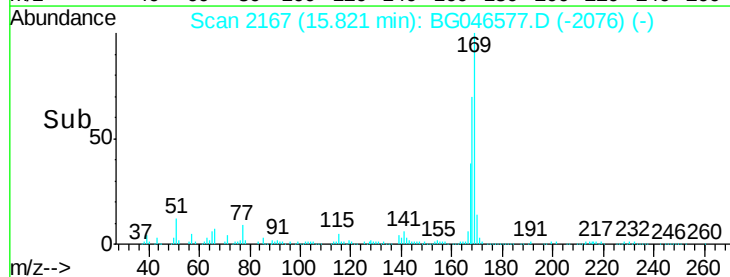
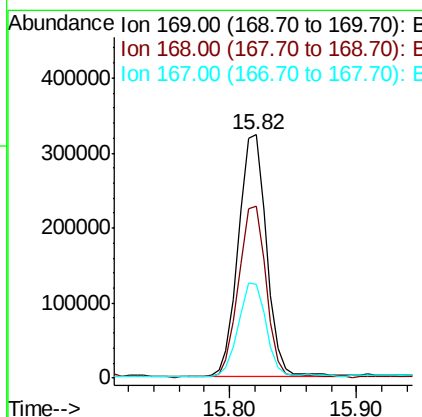
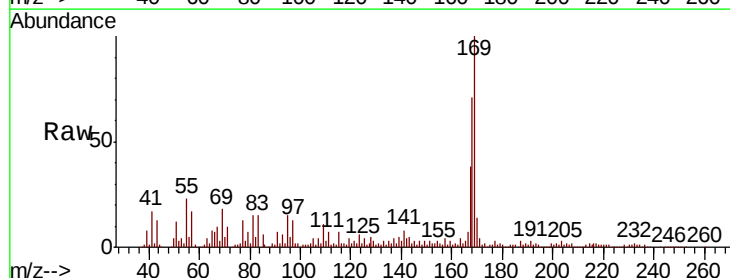
Instrument :
 BNA_G
 ClientSampleID :
 VNJ-218MS

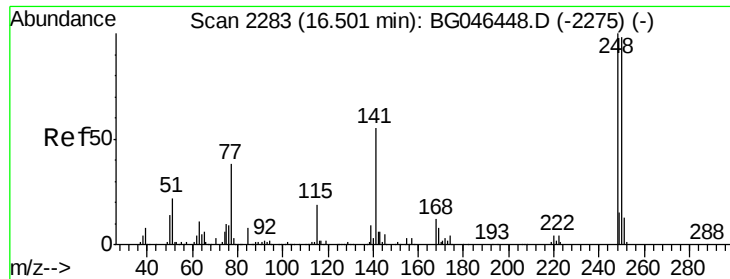
Tot Ion	Ratio	Lower	Upper
198	100		
51	35.4	10.4	50.4
105	53.5	12.4	52.4



#66
 n-Nitrosodiphenylamine
 Concen: 47.282 ng
 RT: 15.82 min Scan# 2167
 Delta R.T. 0.01 min
 Lab File: BG046577.D
 Acq: 9 Sep 2020 17:57

Tgt Ion	Ratio	Lower	Upper
169	100		
168	70.6	55.8	83.8
167	38.4	31.0	46.6

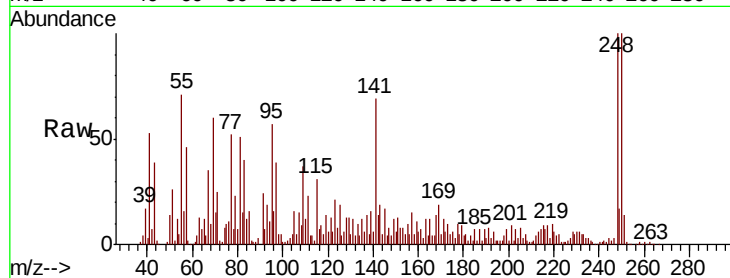




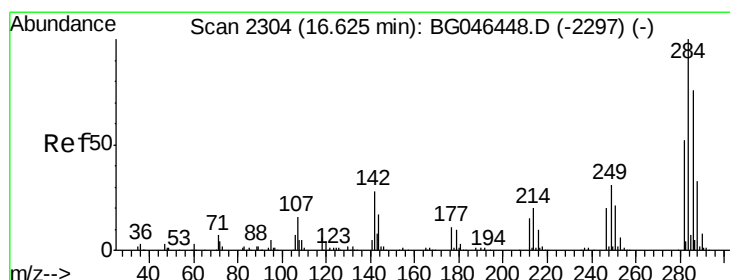
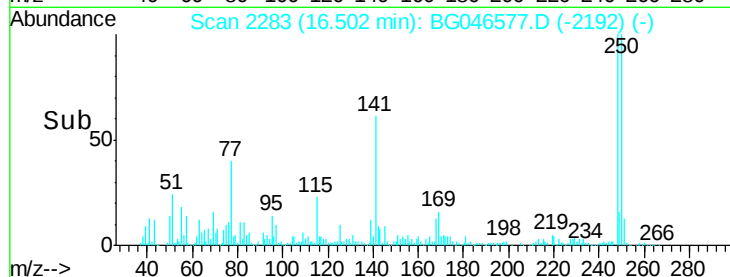
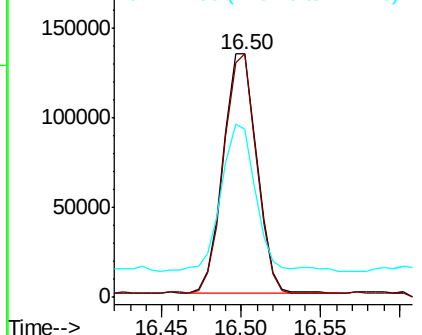
#67
4-Bromophenyl-phenylether
Concen: 42.842 ng
RT: 16.50 min Scan# 2283
Delta R.T. 0.01 min
Lab File: BG046577.D
Acq: 9 Sep 2020 17:57

Instrument :
BNA_G
ClientSampled :
VNJ-218MS

Tot Ion:248 Resp: 195470
Ion Ratio Lower Upper
248 100
250 99.8 78.6 118.0
141 69.1 43.9 65.9#

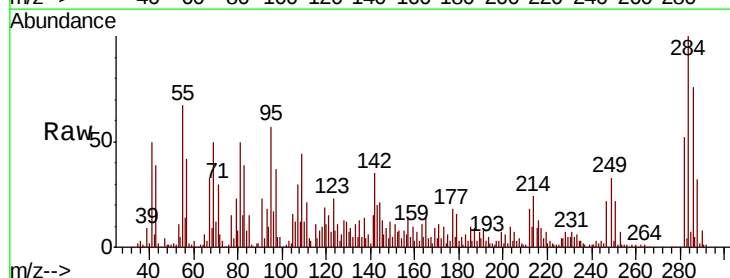


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

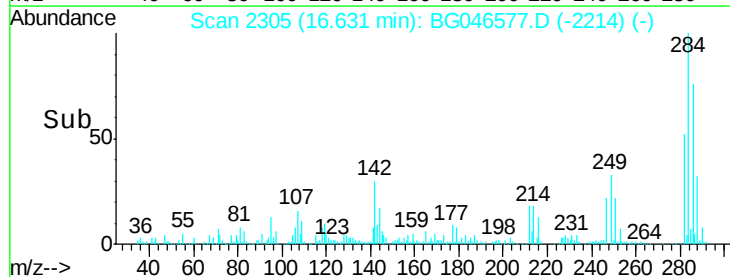
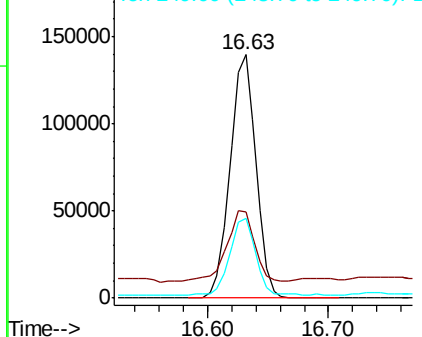


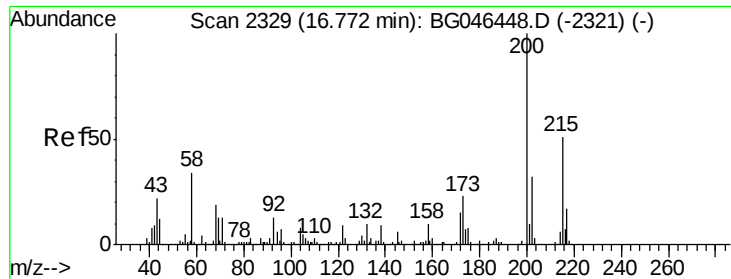
#68
Hexachlorobenzene
Concen: 41.129 ng
RT: 16.63 min Scan# 2305
Delta R.T. 0.01 min
Lab File: BG046577.D
Acq: 9 Sep 2020 17:57

Tgt Ion:284 Resp: 207826
Ion Ratio Lower Upper
284 100
142 35.2 22.3 33.5#
249 32.6 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: 35.196 ng

RT: 16.78 min Scan# 2330

Delta R.T. 0.01 min

Lab File: BG046577.D

Acq: 9 Sep 2020 17:57

Instrument :

BNA_G

ClientSampled :

VNJ-218MS

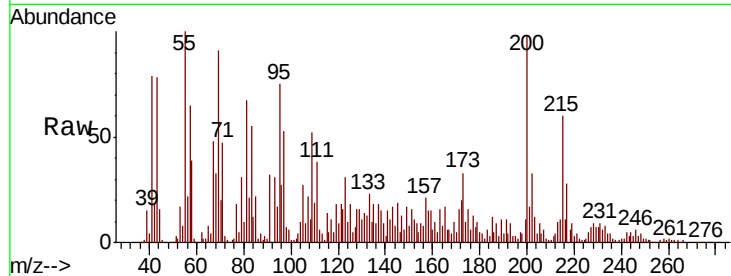
Tot Ion:200 Resp: 151485

Ion Ratio Lower Upper

200 100

173 33.9 3.3 43.3

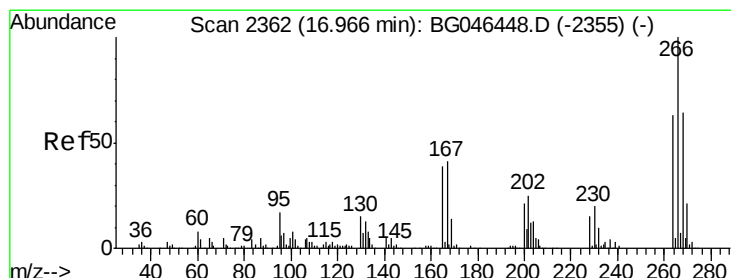
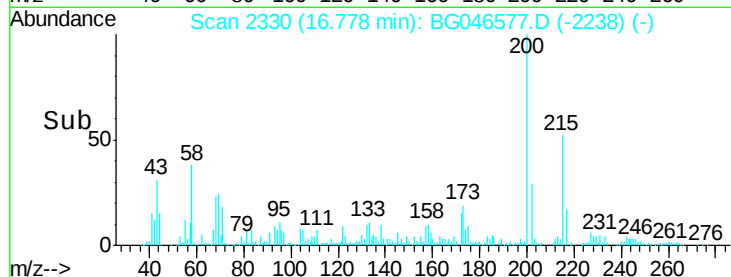
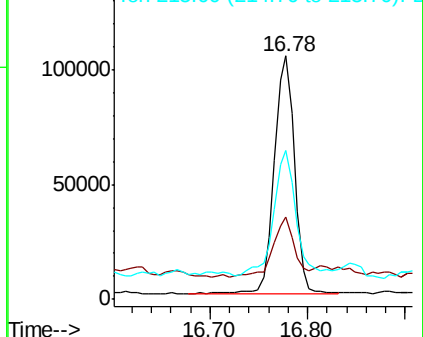
215 61.0 30.9 70.9



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: 91.351 ng

RT: 16.97 min Scan# 2363

Delta R.T. 0.01 min

Lab File: BG046577.D

Acq: 9 Sep 2020 17:57

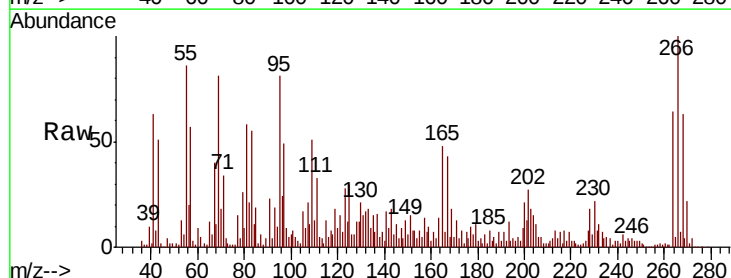
Tgt Ion:266 Resp: 241174

Ion Ratio Lower Upper

266 100

268 63.3 51.1 76.7

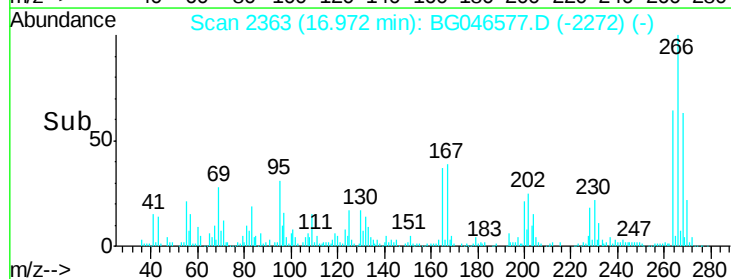
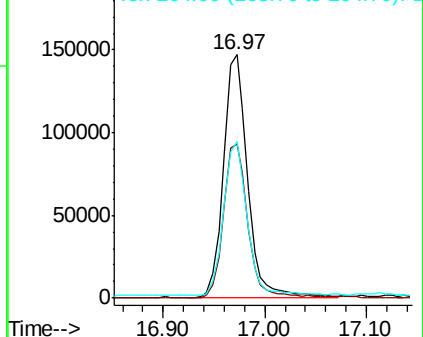
264 64.1 50.2 75.2

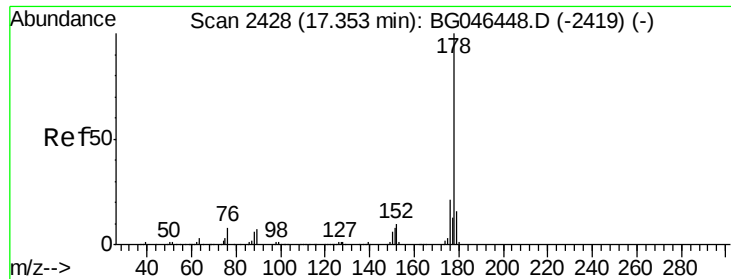


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 42.567 ng

RT: 17.45 min Scan# 2444

Delta R.T. 0.10 min

Lab File: BG046577.D

Acq: 9 Sep 2020 17:57

Instrument :

BNA_G

ClientSampleId :

VNJ-218MS

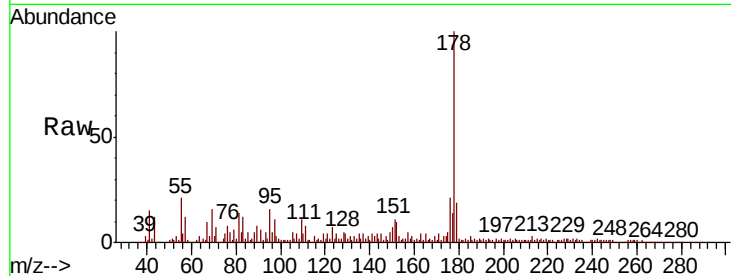
Tot Ion:178 Resp: 843778

Ion Ratio Lower Upper

178 100

176 21.0 16.8 25.2

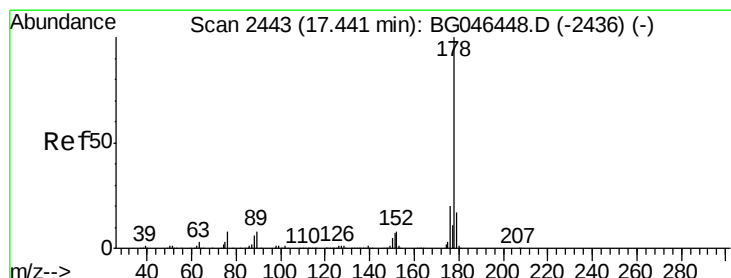
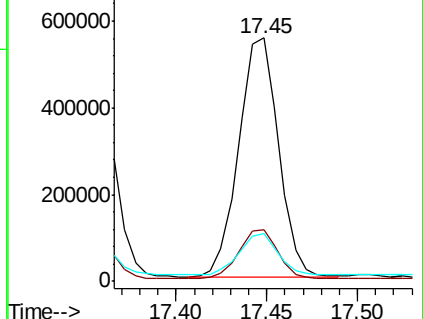
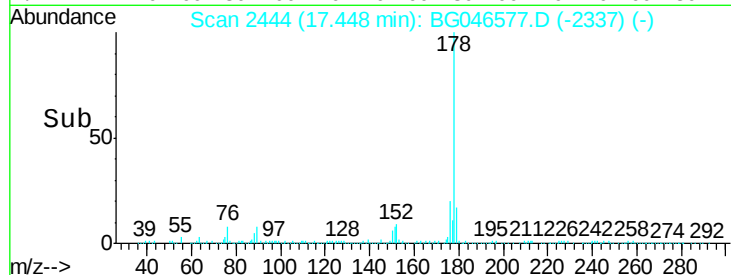
179 19.4 13.2 19.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 43.144 ng

RT: 17.45 min Scan# 2444

Delta R.T. 0.01 min

Lab File: BG046577.D

Acq: 9 Sep 2020 17:57

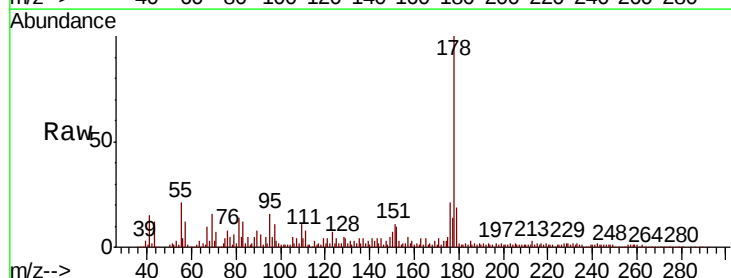
Tgt Ion:178 Resp: 843778

Ion Ratio Lower Upper

178 100

176 21.0 16.1 24.1

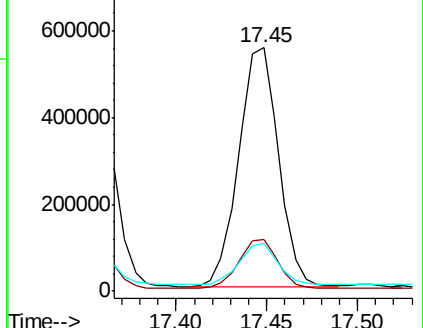
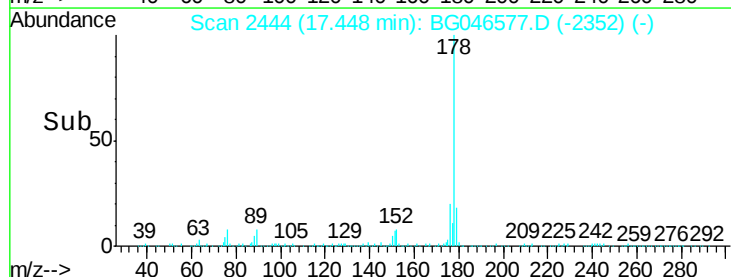
179 19.4 13.3 19.9

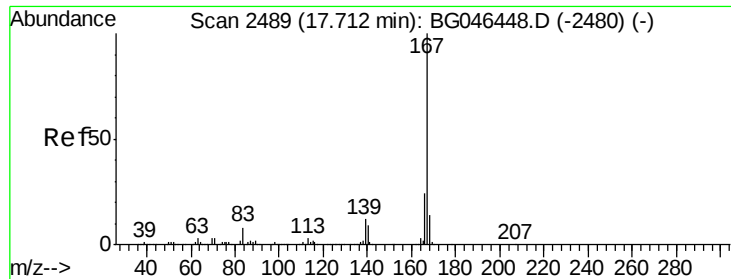


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

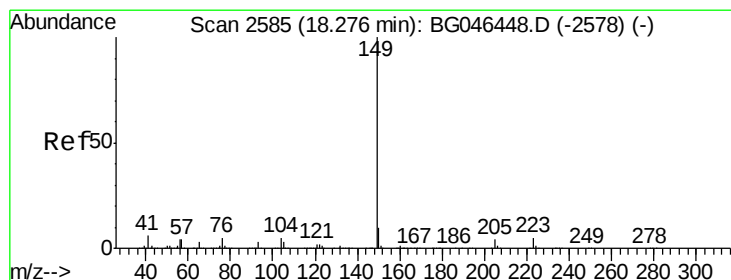
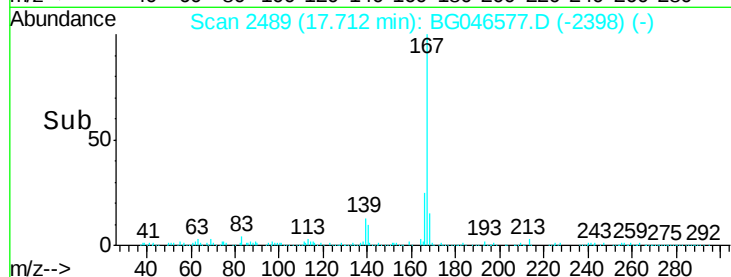
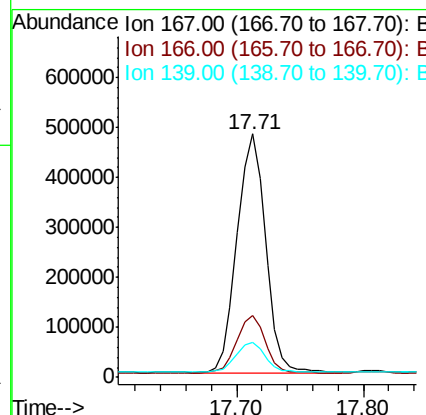
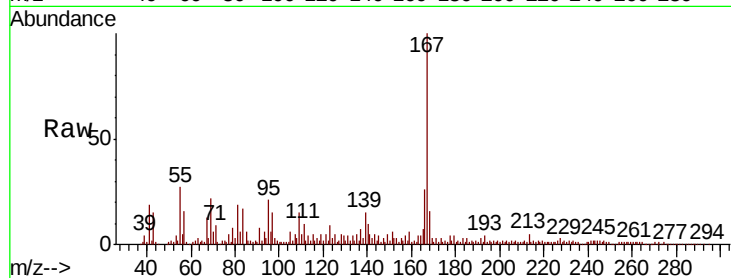




#73
 Carbazole
 Concen: 40.407 ng
 RT: 17.71 min Scan# 2489
 Delta R.T. 0.01 min
 Lab File: BG046577.D
 Acq: 9 Sep 2020 17:57

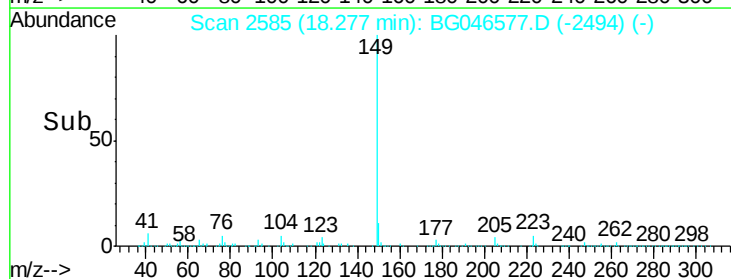
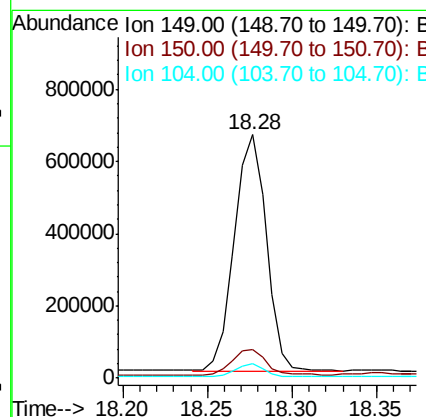
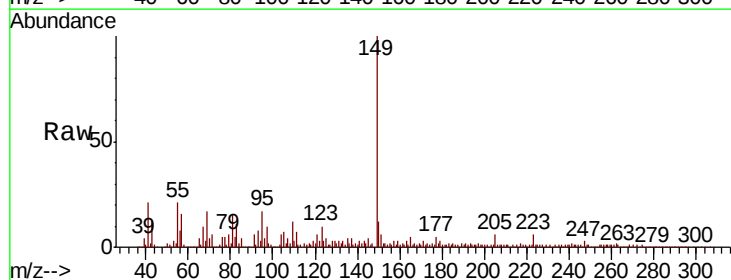
Instrument :
 BNA_G
 ClientSampleId :
 VNJ-218MS

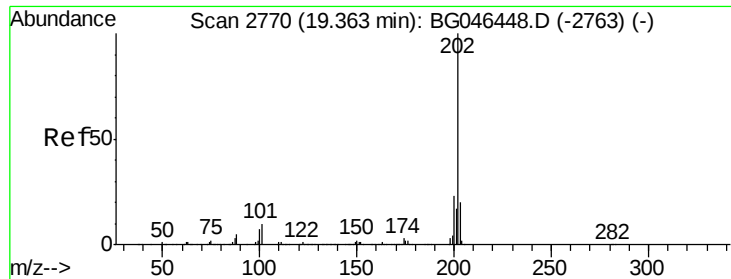
Tot Ion	Ratio	Lower	Upper
167	100		
166	25.6	19.3	28.9
139	14.6	9.7	14.5



#74
 Di-n-butylphthalate
 Concen: 40.688 ng
 RT: 18.28 min Scan# 2585
 Delta R.T. 0.01 min
 Lab File: BG046577.D
 Acq: 9 Sep 2020 17:57

Tgt Ion	Ratio	Lower	Upper
149	100		
150	11.8	8.1	12.1
104	5.8	4.0	6.0





#75

Fluoranthene

Concen: 39.439 ng

RT: 19.36 min Scan# 2770

Delta R.T. 0.01 min

Lab File: BG046577.D

Acq: 9 Sep 2020 17:57

Instrument :

BNA_G

ClientSampleId :

VNJ-218MS

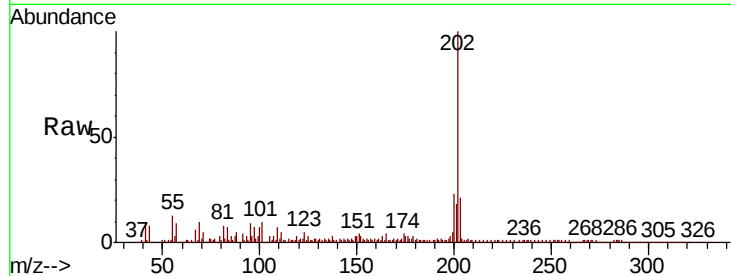
Tot Ion:202 Resp: 1006056

Ion Ratio Lower Upper

202 100

101 9.6 0.0 29.9

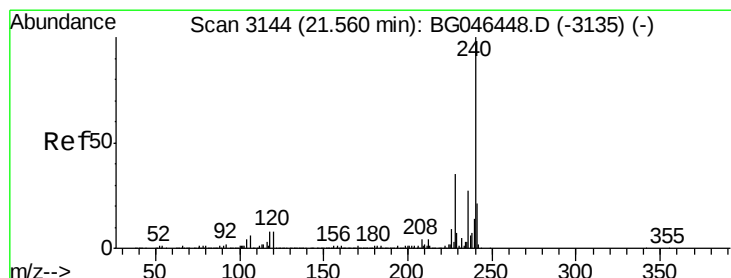
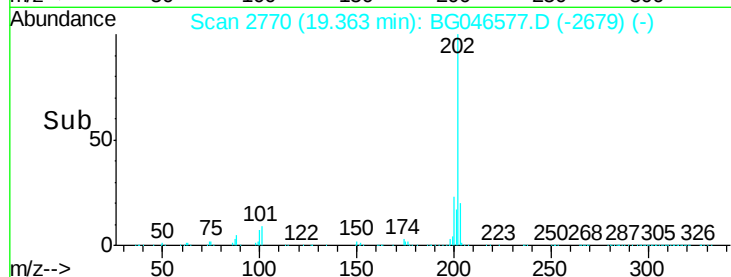
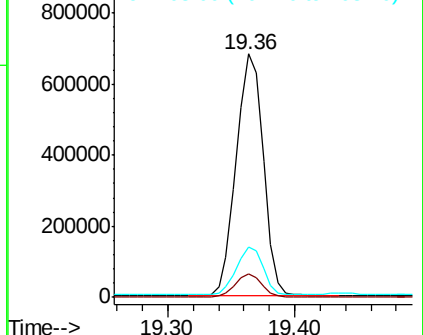
203 20.7 0.0 40.0



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.56 min Scan# 3143

Delta R.T. 0.00 min

Lab File: BG046577.D

Acq: 9 Sep 2020 17:57

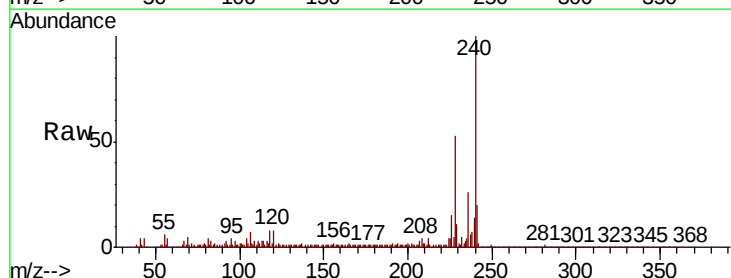
Tgt Ion:240 Resp: 435849

Ion Ratio Lower Upper

240 100

120 8.3 6.6 10.0

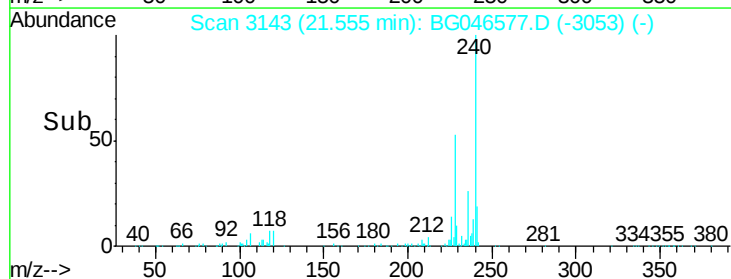
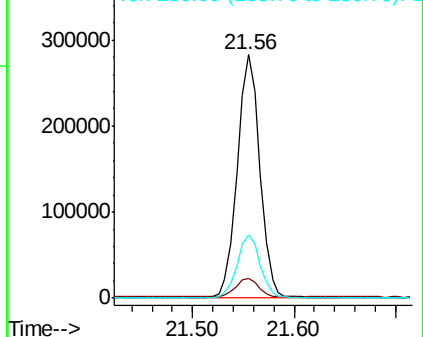
236 26.0 21.4 32.2

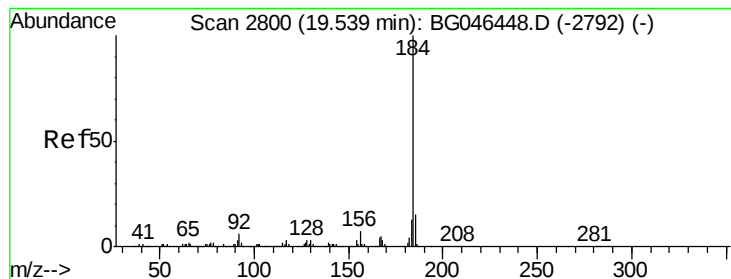


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 41.299 ng

RT: 19.54 min Scan# 2800

Delta R.T. 0.01 min

Lab File: BG046577.D

Acq: 9 Sep 2020 17:57

Instrument :

BNA_G

ClientSampleId :

VNJ-218MS

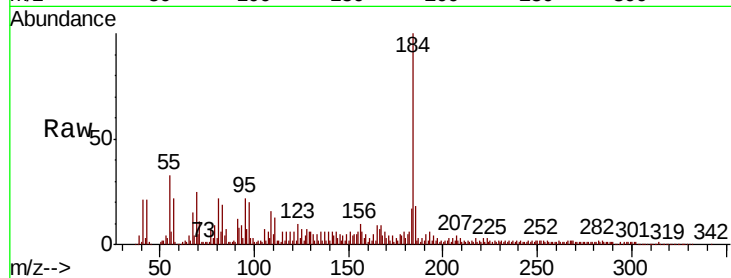
Tot Ion:184 Resp: 418266

Ion Ratio Lower Upper

184 100

185 17.9 11.8 17.8#

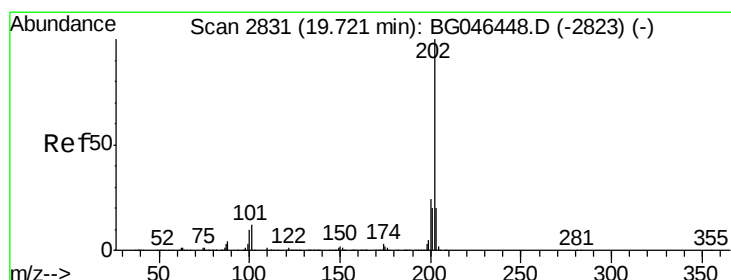
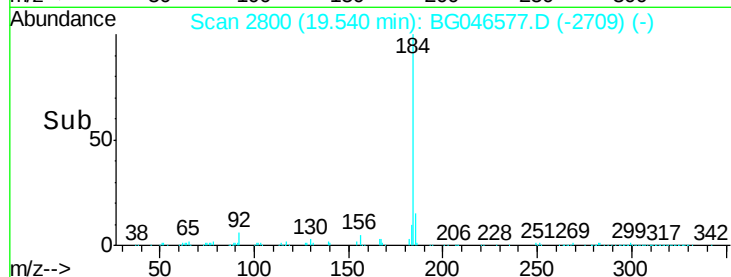
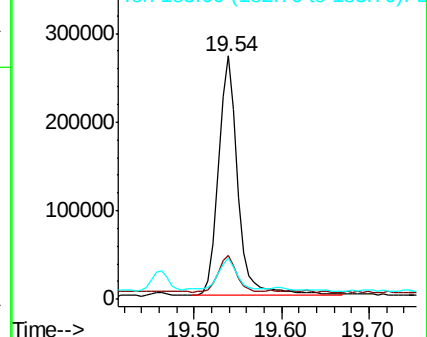
183 16.9 10.7 16.1#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 37.470 ng

RT: 19.73 min Scan# 2832

Delta R.T. 0.01 min

Lab File: BG046577.D

Acq: 9 Sep 2020 17:57

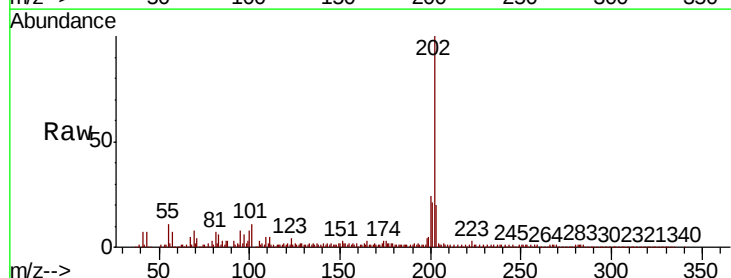
Tgt Ion:202 Resp: 1039960

Ion Ratio Lower Upper

202 100

200 24.1 18.9 28.3

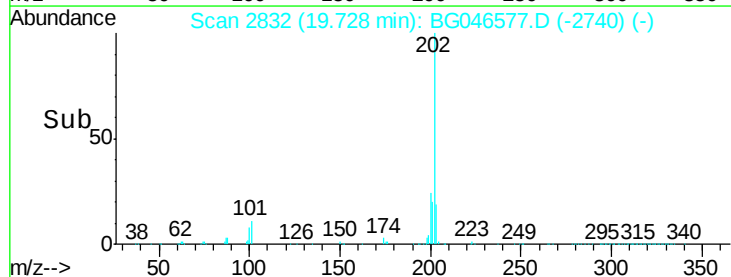
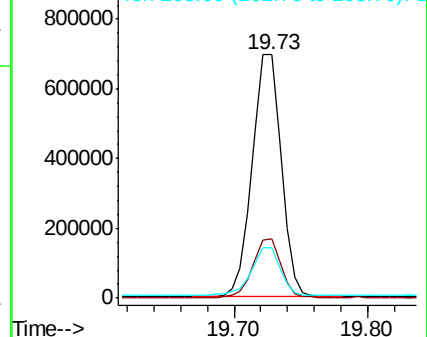
203 20.4 16.1 24.1

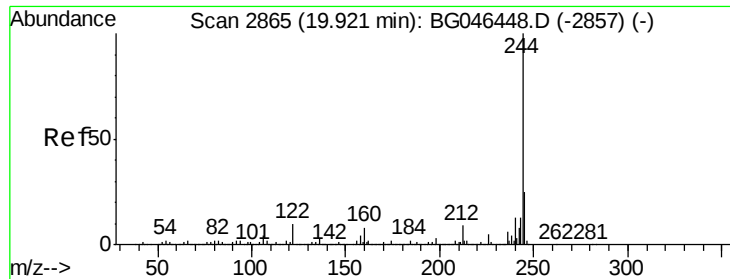


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 53.297 ng

RT: 19.92 min Scan# 2865

Delta R.T. 0.00 min

Lab File: BG046577.D

Acq: 9 Sep 2020 17:57

Instrument :

BNA_G

ClientSampled :

VNJ-218MS

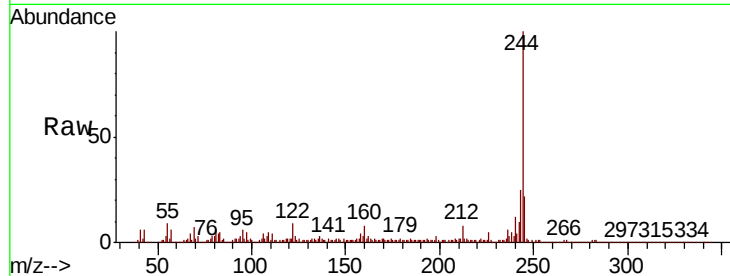
Tot Ion:244 Resp: 1091524

Ion Ratio Lower Upper

244 100

212 8.4 6.9 10.3

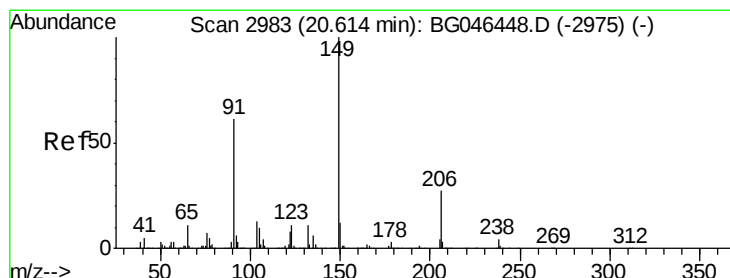
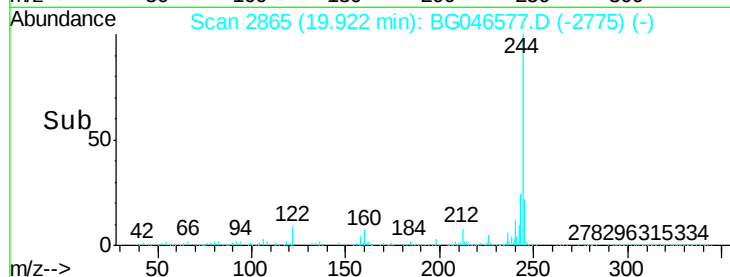
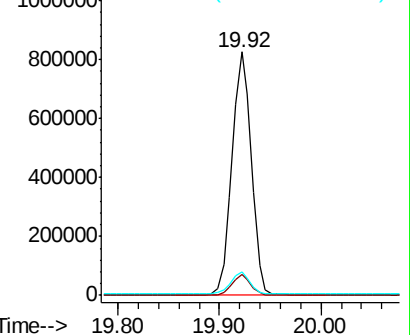
122 9.4 8.2 12.4



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: 38.415 ng

RT: 20.61 min Scan# 2982

Delta R.T. 0.00 min

Lab File: BG046577.D

Acq: 9 Sep 2020 17:57

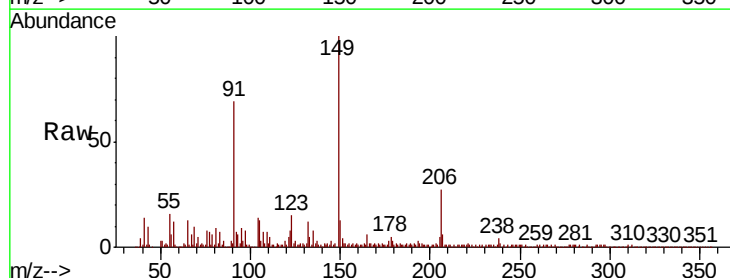
Tgt Ion:149 Resp: 415877

Ion Ratio Lower Upper

149 100

91 68.6 49.1 73.7

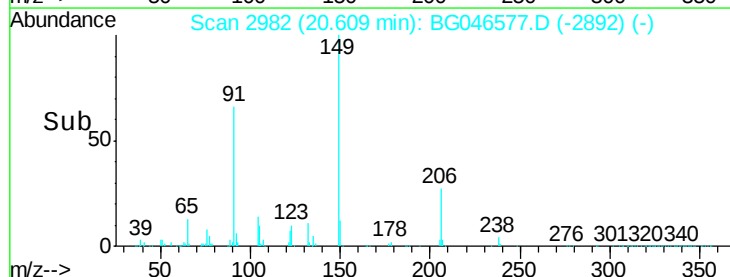
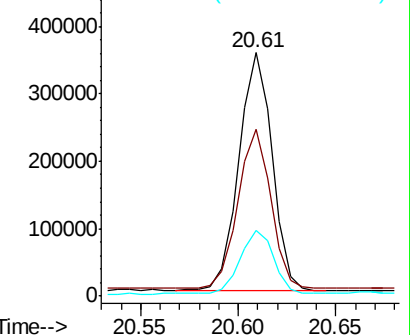
206 26.8 21.9 32.9

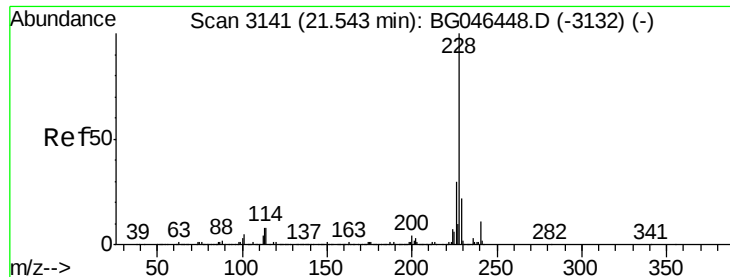


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 40.674 ng

RT: 21.54 min Scan# 3140

Delta R.T. 0.00 min

Lab File: BG046577.D

Acq: 9 Sep 2020 17:57

Instrument :

BNA_G

ClientSampleId :

VNJ-218MS

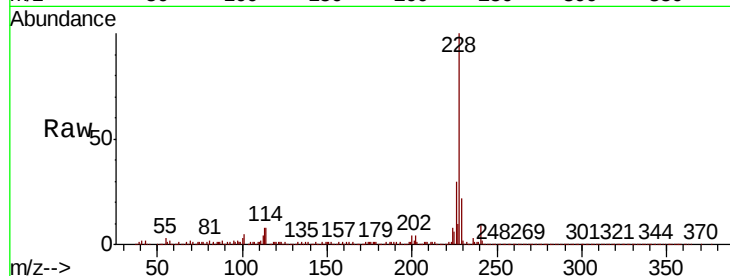
Tot Ion:228 Resp: 1104971

Ion	Ratio	Lower	Upper
228	100		
226	29.8	24.2	36.4
229	21.8	17.4	26.2

228 100

226 29.8 24.2 36.4

229 21.8 17.4 26.2

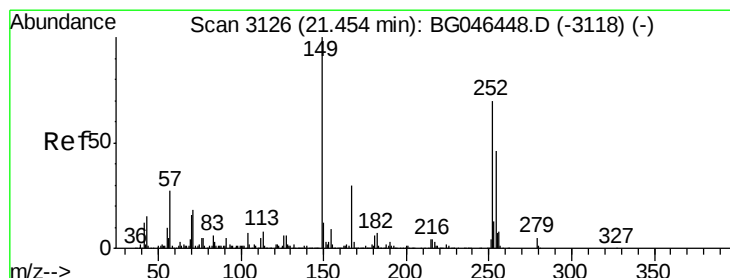
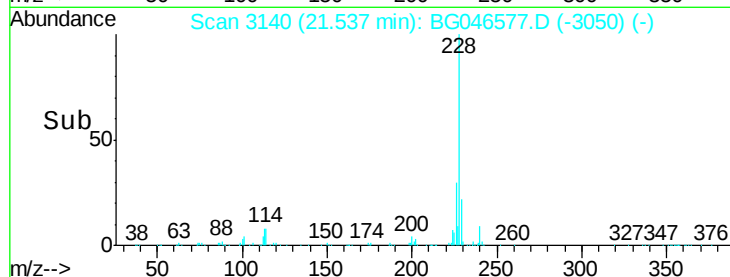
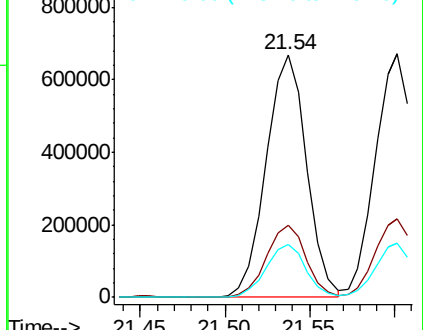


Abundance

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: 8.265 ng

RT: 21.45 min Scan# 3125

Delta R.T. -0.00 min

Lab File: BG046577.D

Acq: 9 Sep 2020 17:57

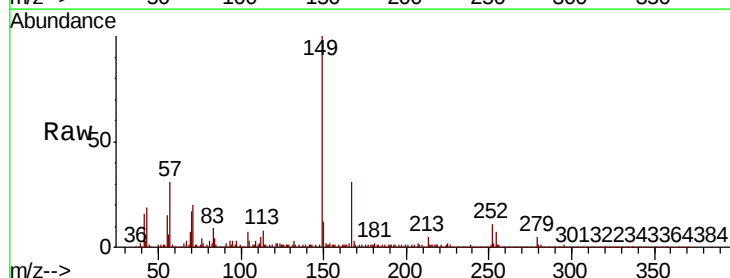
Tgt Ion:252 Resp: 83321

Ion	Ratio	Lower	Upper
252	100		
254	63.9	51.9	77.9
126	9.4	7.4	11.0

252 100

254 63.9 51.9 77.9

126 9.4 7.4 11.0

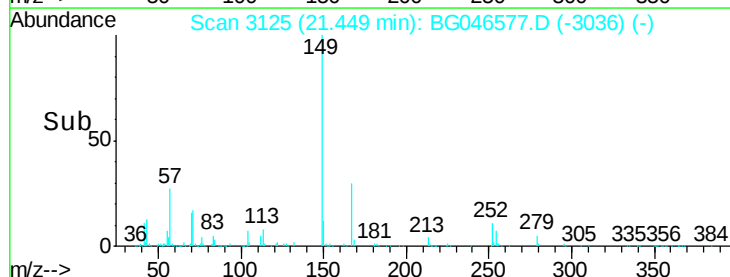
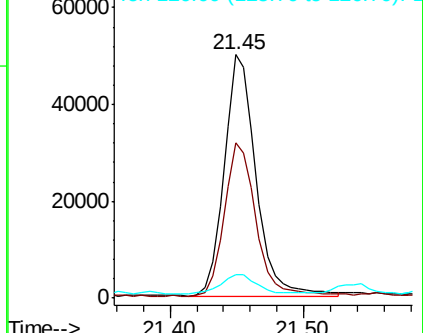


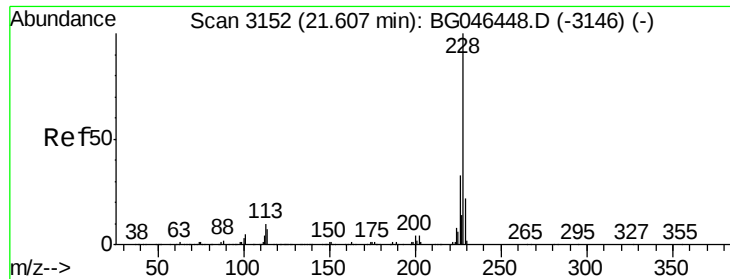
Abundance

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

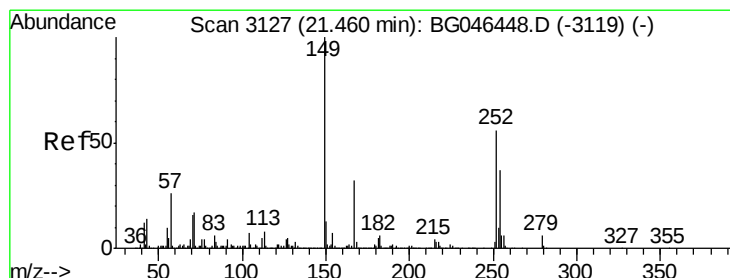
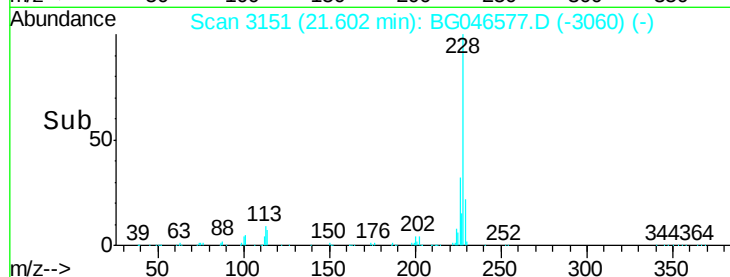
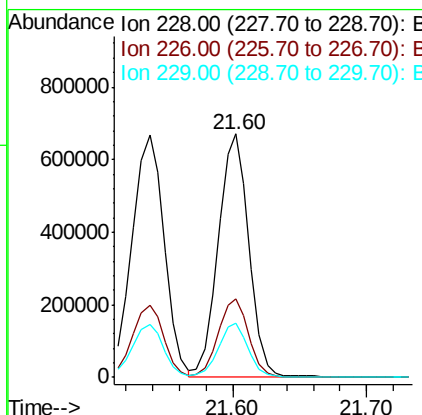
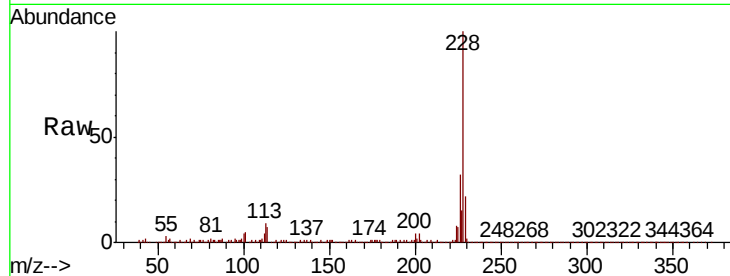




#83
 Chrvsene
 Concen: 41.043 ng
 RT: 21.60 min Scan# 3151
 Delta R.T. 0.01 min
 Lab File: BG046577.D
 Acq: 9 Sep 2020 17:57

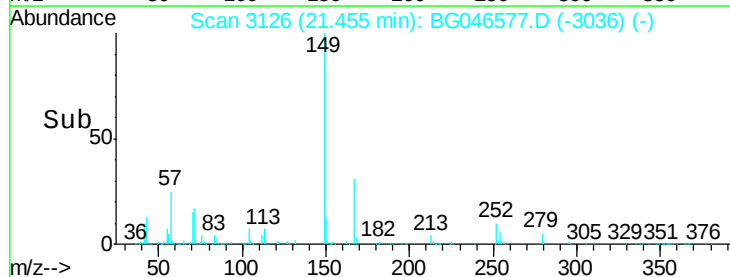
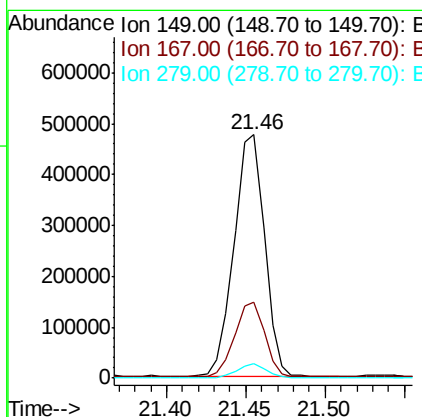
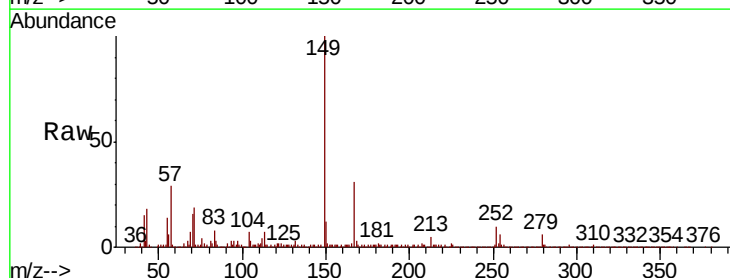
Instrument :
 BNA_G
 ClientSampleId :
 VNJ-218MS

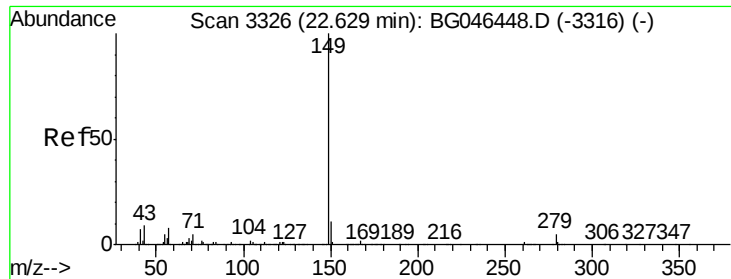
Tot Ion:228 Resp: 1072537
 Ion Ratio Lower Upper
 228 100
 226 32.5 26.2 39.4
 229 22.5 17.9 26.9



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 42.795 ng
 RT: 21.46 min Scan# 3126
 Delta R.T. 0.00 min
 Lab File: BG046577.D
 Acq: 9 Sep 2020 17:57

Tgt Ion:149 Resp: 632238
 Ion Ratio Lower Upper
 149 100
 167 31.1 25.4 38.2
 279 5.7 4.5 6.7





#85

Di-n-octyl phthalate

Concen: 42.698 ng

RT: 22.62 min Scan# 3324

Delta R.T. -0.00 min

Lab File: BG046577.D

Acq: 9 Sep 2020 17:57

Instrument :

BNA_G

ClientSampleId :

VNJ-218MS

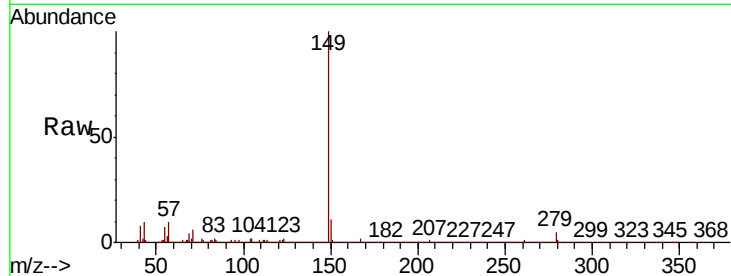
Tot Ion:149 Resp: 1080105

Ion Ratio Lower Upper

149 100

167 1.8 1.5 2.3

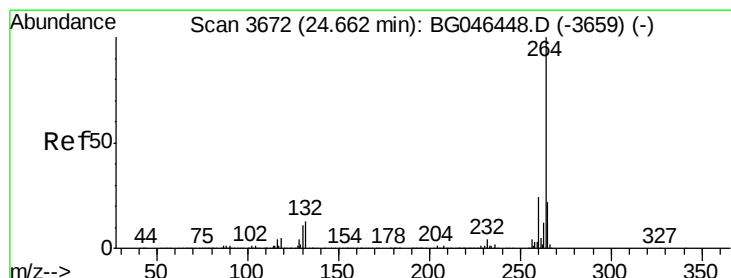
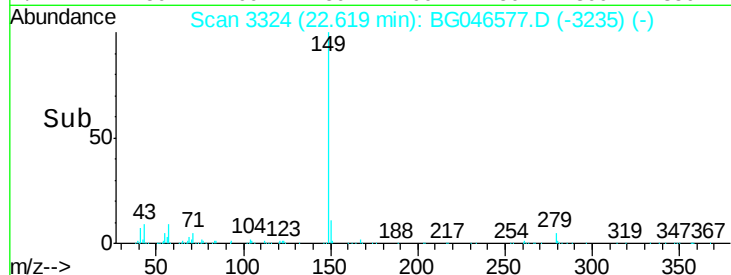
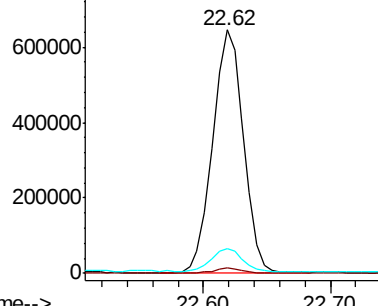
43 9.1 7.0 10.4



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: 24.65 min Scan# 3670

Delta R.T. -0.00 min

Lab File: BG046577.D

Acq: 9 Sep 2020 17:57

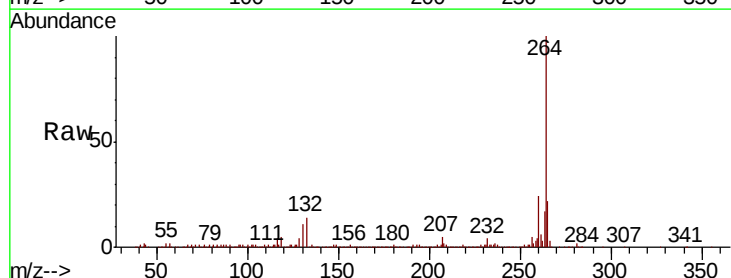
Tgt Ion:264 Resp: 455048

Ion Ratio Lower Upper

264 100

260 23.9 19.2 28.8

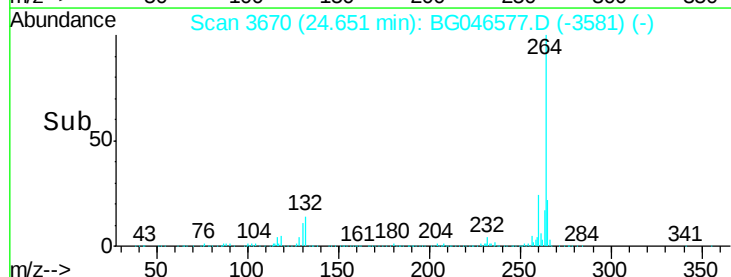
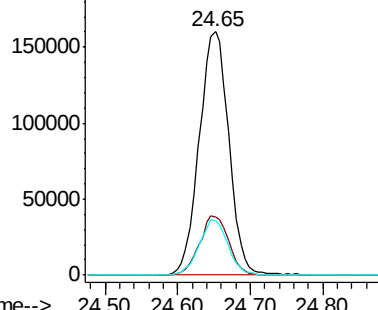
265 22.4 17.9 26.9

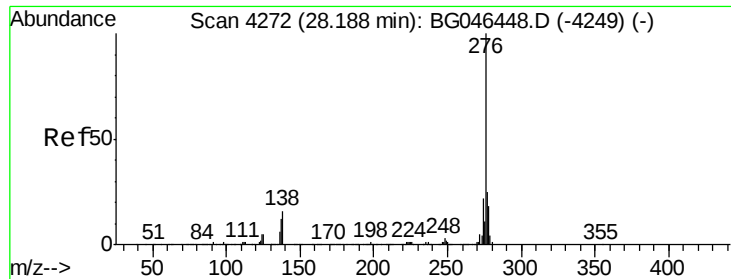


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

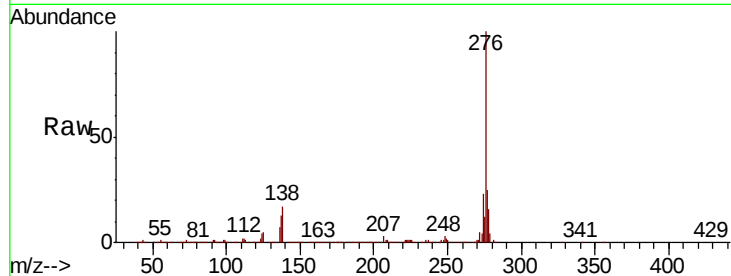




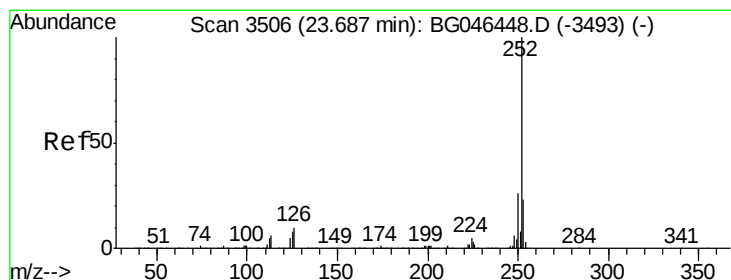
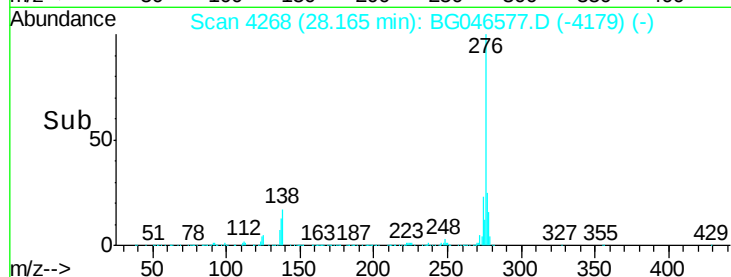
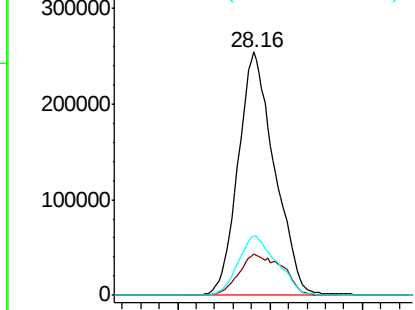
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 42.601 ng
 RT: 28.16 min Scan# 4268
 Delta R.T. -0.00 min
 Lab File: BG046577.D
 Acq: 9 Sep 2020 17:57

Instrument :
 BNA_G
 ClientSampleId :
 VNJ-218MS

Tot Ion:276 Resp: 1392298
 Ion Ratio Lower Upper
 276 100
 138 20.5 16.5 24.7
 277 26.0 20.7 31.1

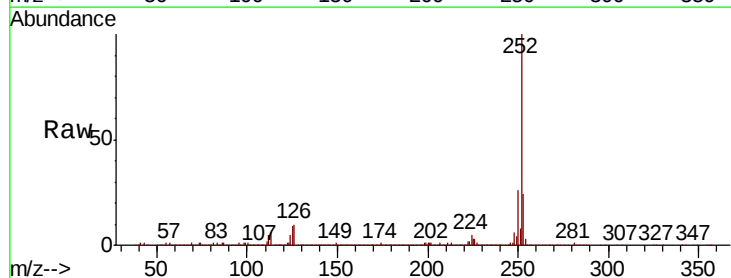


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

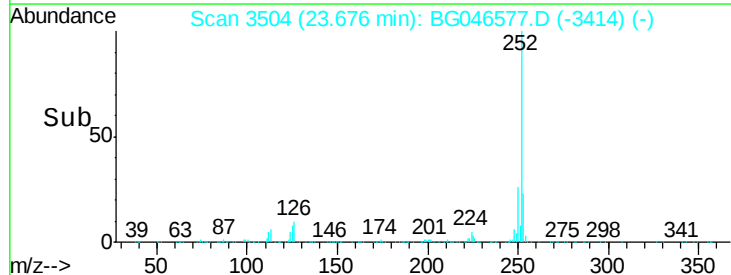
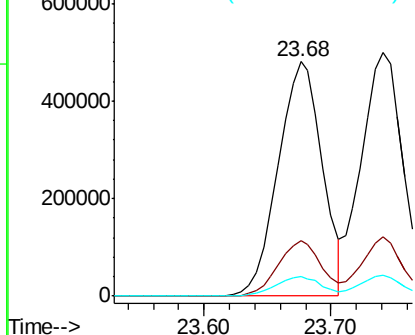


#88
 Benzo(b)fluoranthene
 Concen: 40.727 ng
 RT: 23.68 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: BG046577.D
 Acq: 9 Sep 2020 17:57

Tgt Ion:252 Resp: 1157217
 Ion Ratio Lower Upper
 252 100
 253 23.8 18.2 27.4
 125 8.7 6.2 9.2



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

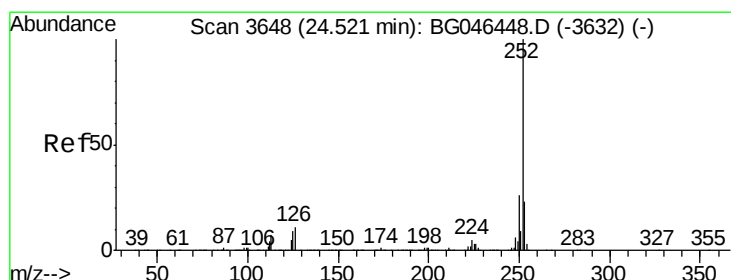
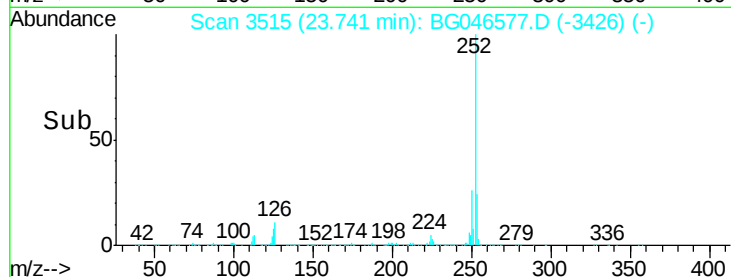
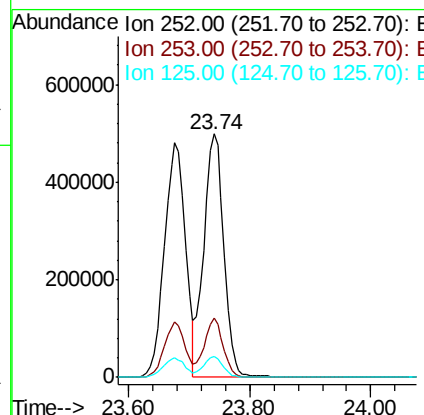
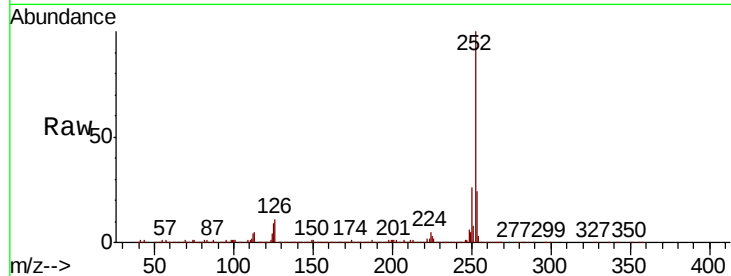




#89
Benzo(k)fluoranthene
Concen: 41.869 ng
RT: 23.74 min Scan# 3515
Delta R.T. -0.00 min
Lab File: BG046577.D
Acq: 9 Sep 2020 17:57

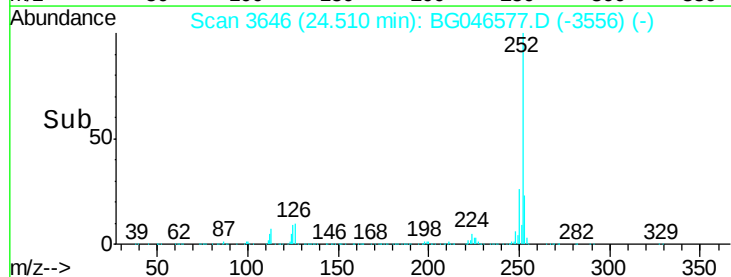
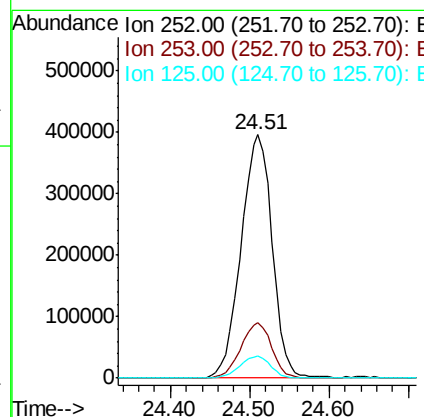
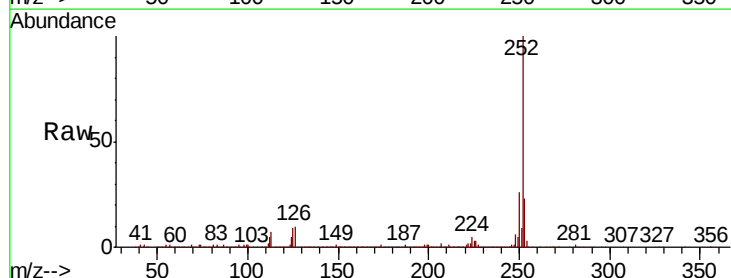
Instrument :
BNA_G
ClientSampleId :
VNJ-218MS

Tot Ion:252 Resp: 1149754
Ion Ratio Lower Upper
252 100
253 24.2 18.5 27.7
125 8.7 6.8 10.2



#90
Benzo(a)pyrene
Concen: 40.527 ng
RT: 24.51 min Scan# 3646
Delta R.T. 0.00 min
Lab File: BG046577.D
Acq: 9 Sep 2020 17:57

Tgt Ion:252 Resp: 1074613
Ion Ratio Lower Upper
252 100
253 23.0 18.2 27.4
125 9.0 7.4 11.0



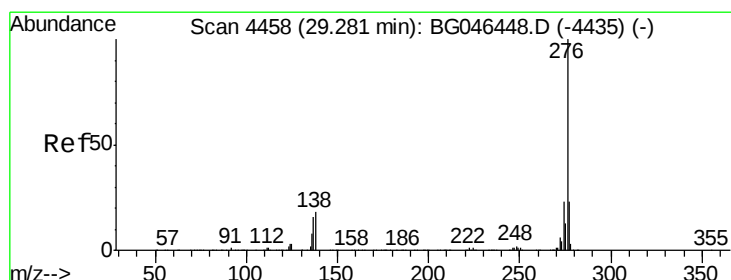
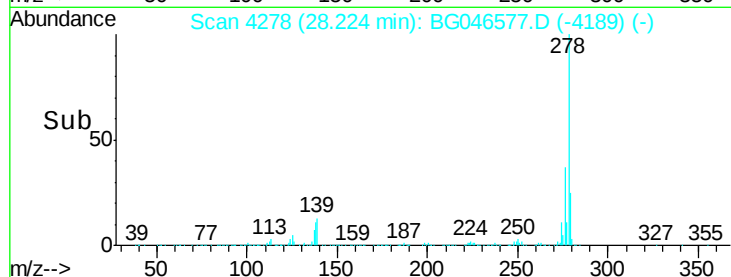
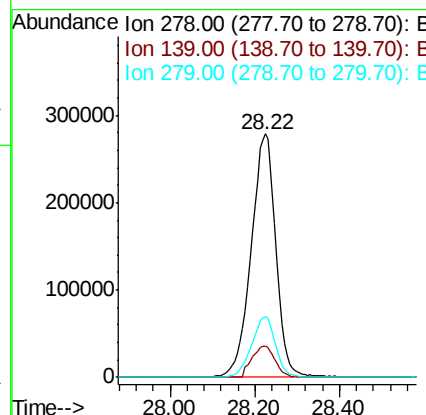
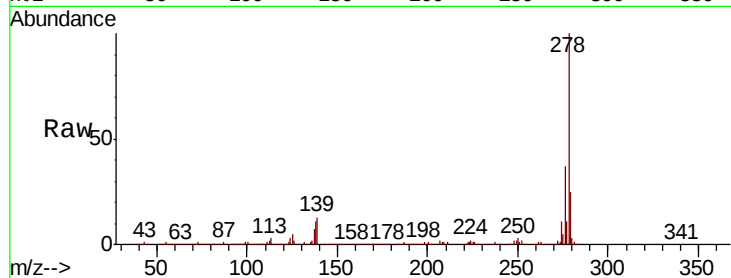


#91
Dibenzo(a,h)anthracene
Concen: 43.507 ng
RT: 28.22 min Scan# 4278
Delta R.T. -0.00 min
Lab File: BG046577.D
Acq: 9 Sep 2020 17:57

Instrument :
BNA_G
ClientSampleId :
VNJ-218MS

Tot Ion:278 Resp: 1147440

Ion	Ratio	Lower	Upper
278	100		
139	12.6	11.2	16.8
279	25.0	19.8	29.8



#92
Benzo(g,h,i)perylene
Concen: 44.367 ng
RT: 29.26 min Scan# 4454
Delta R.T. -0.02 min
Lab File: BG046577.D
Acq: 9 Sep 2020 17:57

Tgt Ion:276 Resp: 1168466

Ion	Ratio	Lower	Upper
276	100		
277	24.3	18.7	28.1
138	17.6	14.7	22.1

