

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

Manual Integrations
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mohammad
 9/10/2020 10:35:59 AM

Quant Time: Sep 09 18:44:13 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	67551m	39.545	ng	
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

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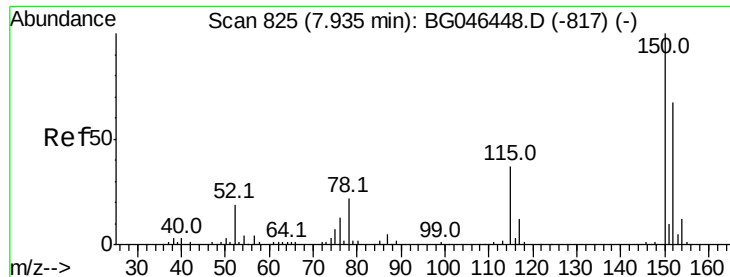
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 Response via : Initial Calibration

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	17.35	178	866550m	43.716	ng	
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



#1

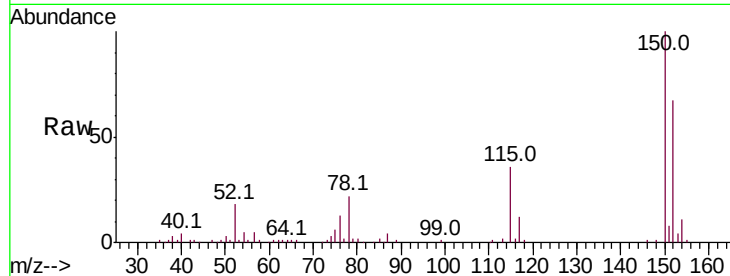
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.92 min Scan# 823
Delta R.T. -0.01 min
Lab File: BG046577.D
Acq: 9 Sep 2020 17:57

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

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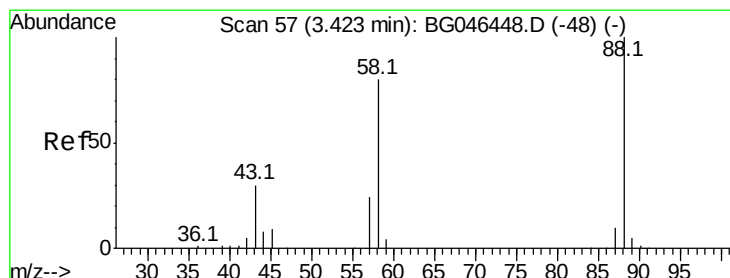
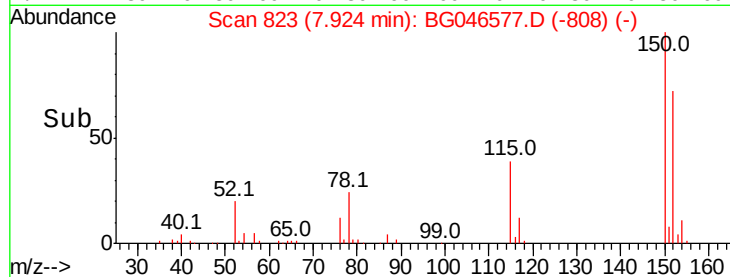
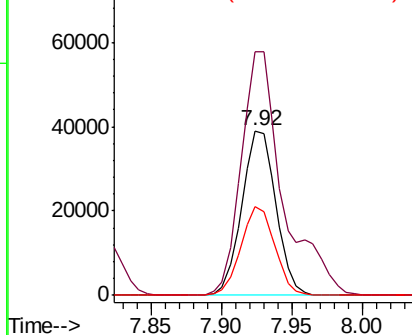


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

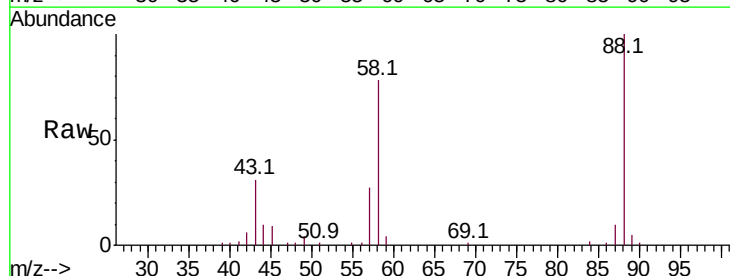
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 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

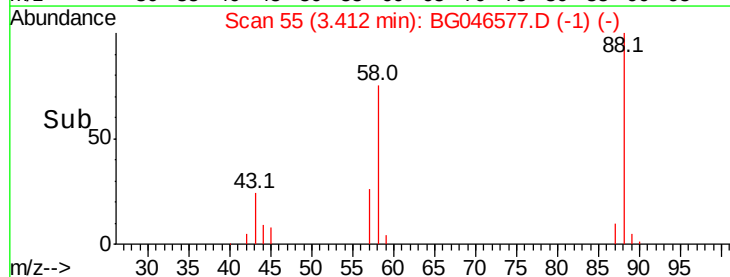
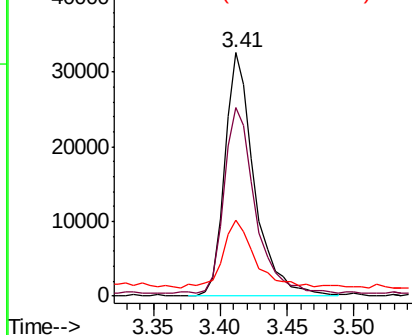


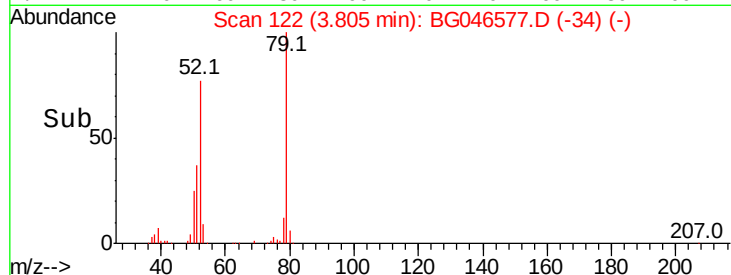
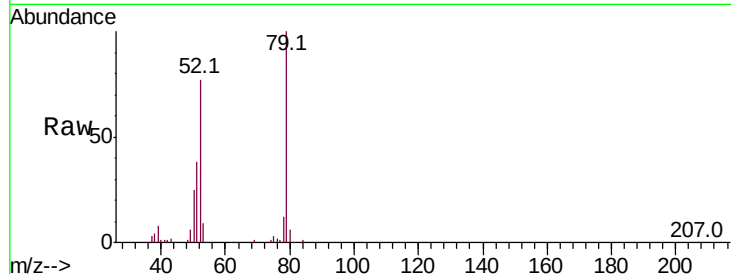
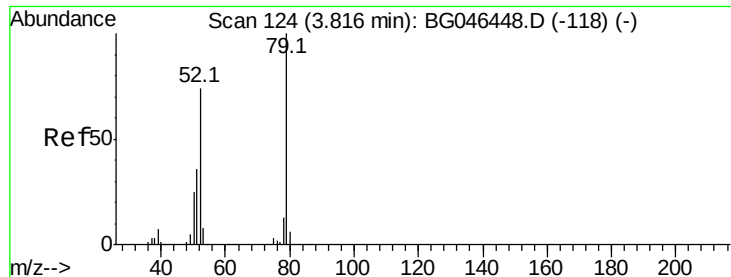
Abundance

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





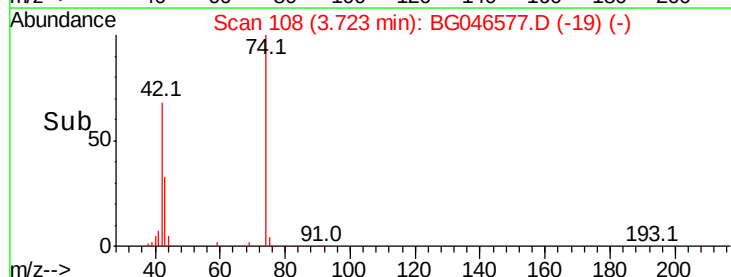
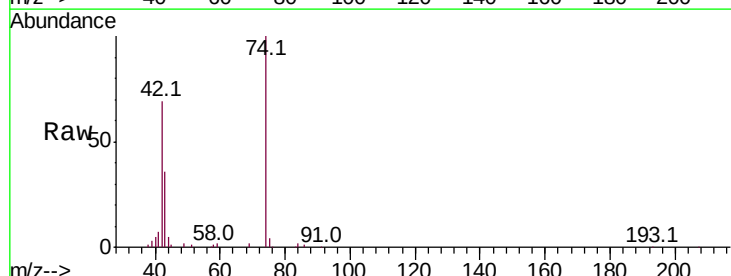
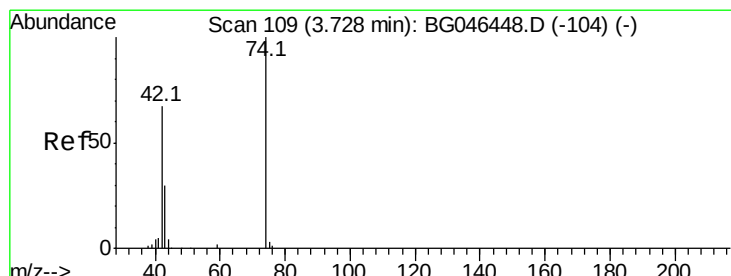
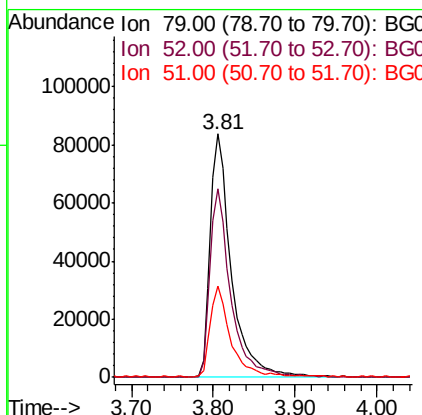
#3
 Pvridine
 Concen: 33.112 ng
 RT: 3.81 min Scan# 122
 Delta R.T. -0.01 min
 Lab File: BG046577.D
 Acq: 9 Sep 2020 17:57

Tot Ion	Ratio	Resp	Lower	Upper
79	100	150997		
52	77.3	59.1	88.7	
51	37.5	29.0	43.6	

Instrument :
 BNA_G
 ClientSampleId :
 VNJ-218MS

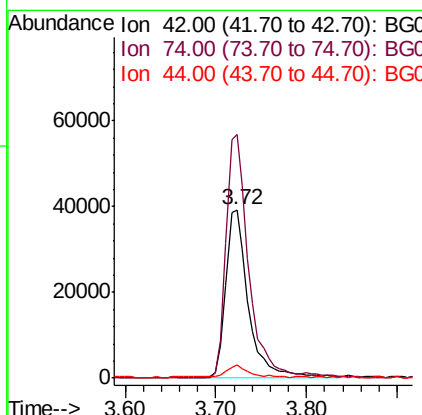
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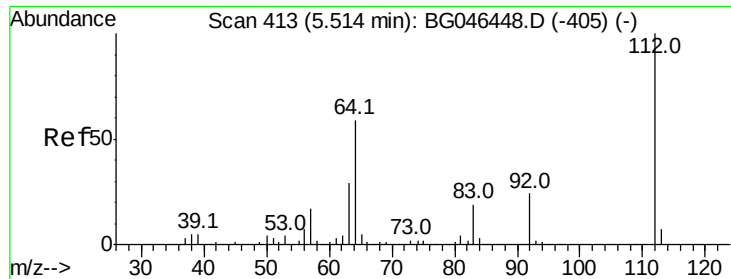
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#4
 n-Nitrosodimethylamine
 Concen: 40.579 ng
 RT: 3.72 min Scan# 108
 Delta R.T. -0.00 min
 Lab File: BG046577.D
 Acq: 9 Sep 2020 17:57

Tgt Ion	Ratio	Resp	Lower	Upper
42	100	68250		
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

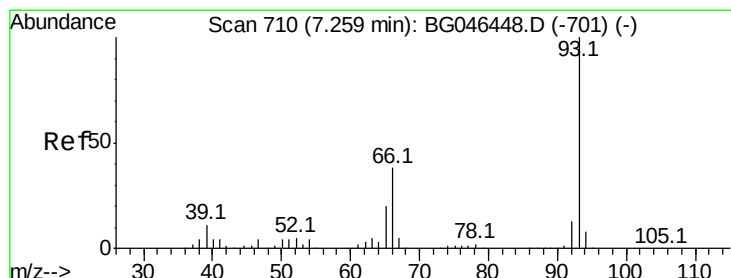
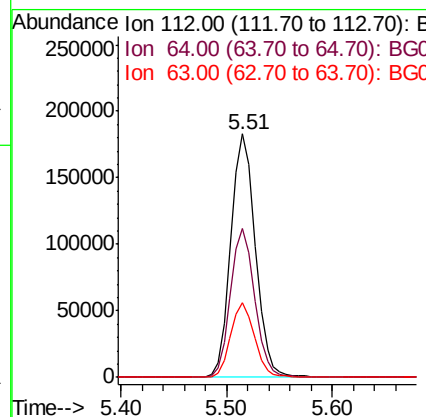
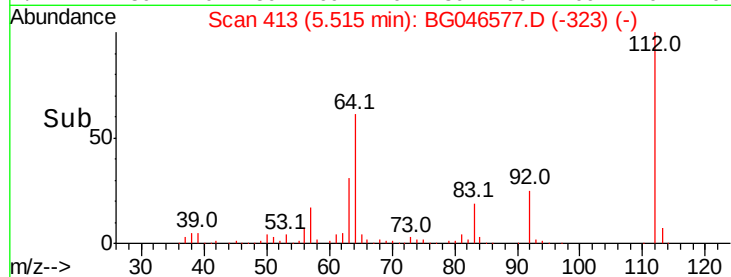
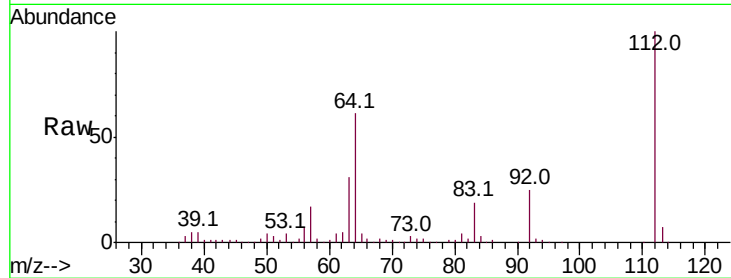
ClientSampleID :

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

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#6

Aniline

Concen: 26.146 ng

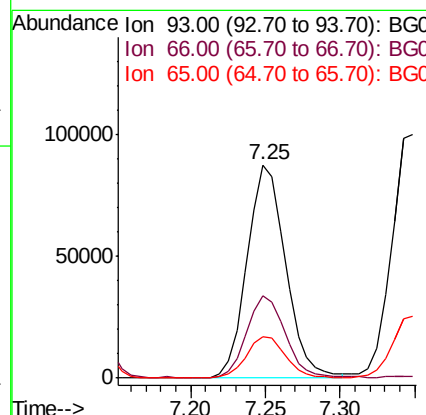
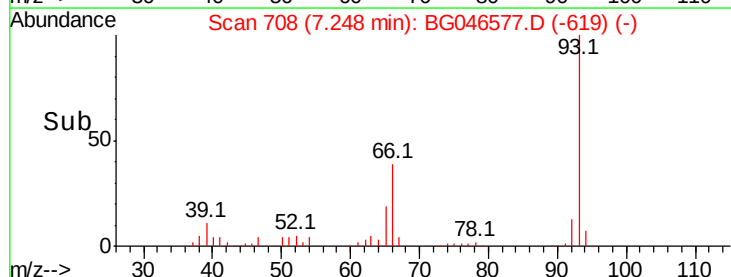
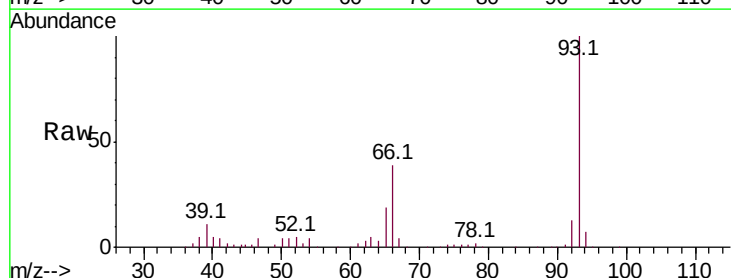
RT: 7.25 min Scan# 708

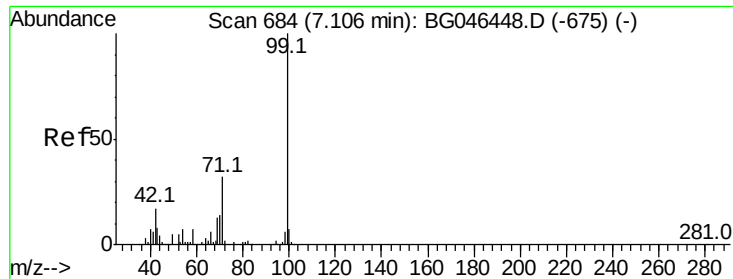
Delta R.T. -0.00 min

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





#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

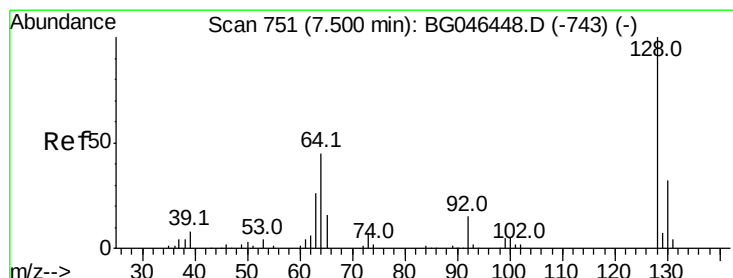
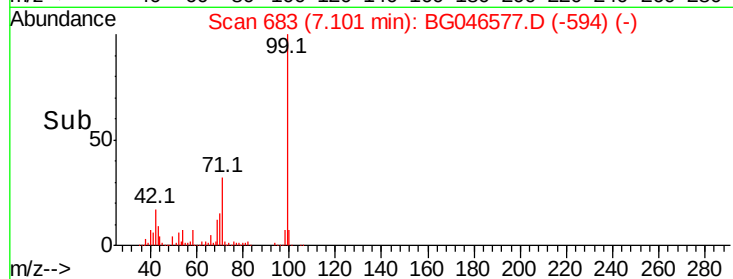
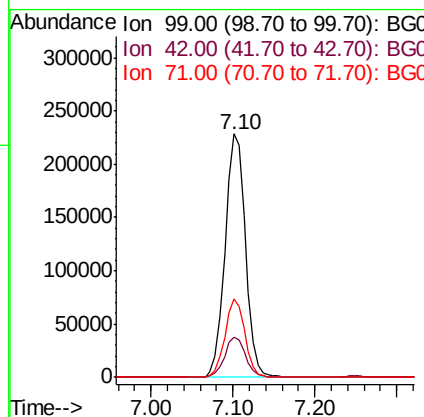
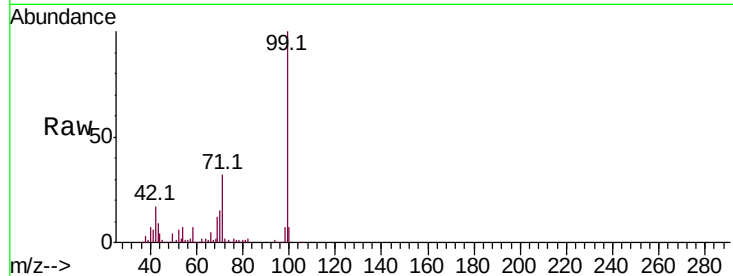
ClientSampleId :

VNJ-218MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		397090		
42	16.6	13.3	19.9		
71	32.0	25.3	37.9		

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#8

2-Chlorophenol

Concen: 43.628 ng

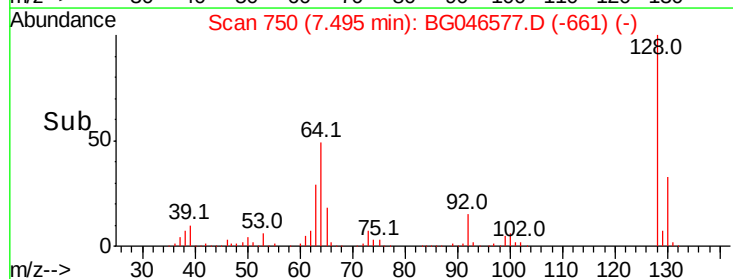
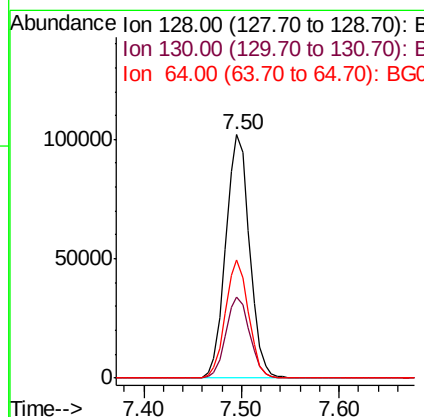
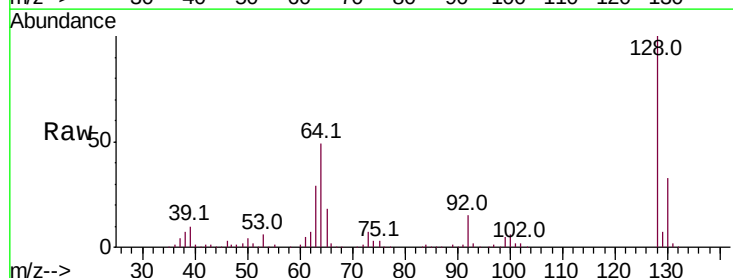
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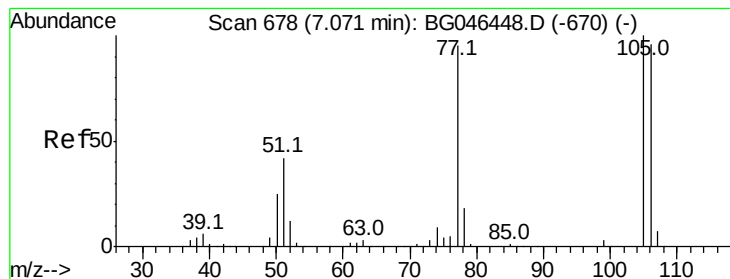
Delta R.T. -0.00 min

Lab File: BG046577.D

Acq: 9 Sep 2020 17:57

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		172749		
130	33.0	12.4	52.4		
64	48.5	28.1	68.1		





#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

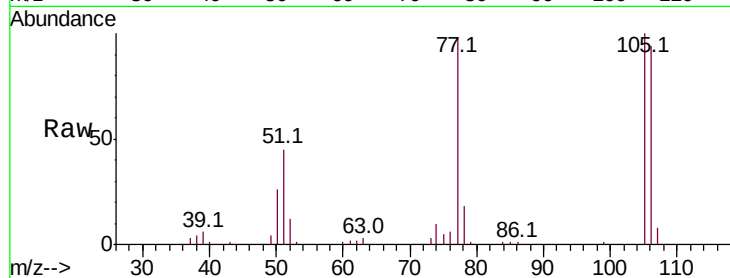
106 95.8 80.8 120.8

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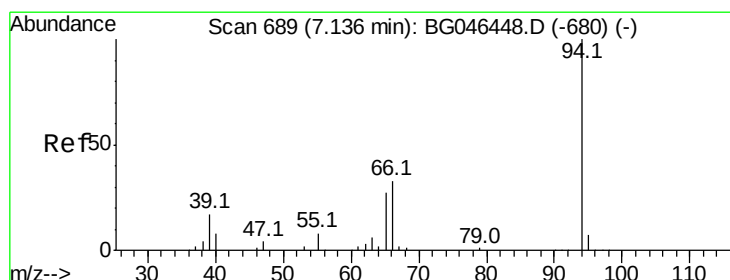
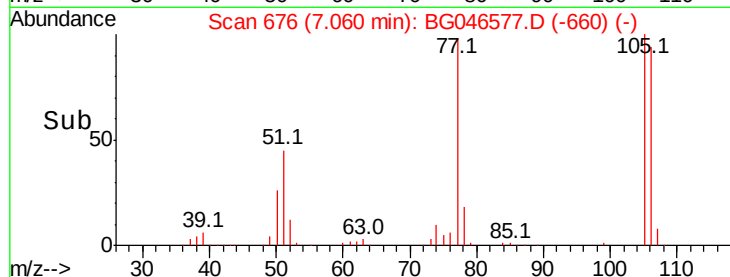
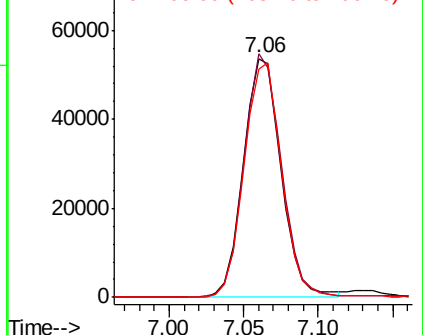
9/10/2020 10:35:59 AM



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 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

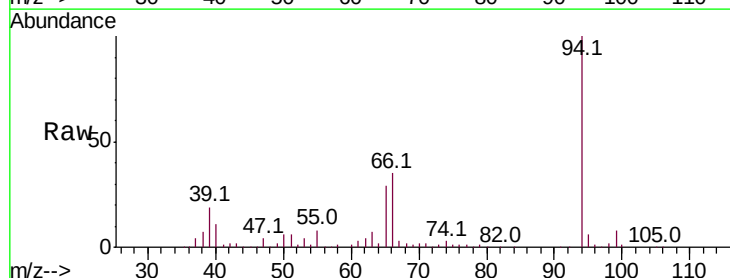
Tgt Ion: 94 Resp: 215260

Ion Ratio Lower Upper

94 100

65 28.6 7.5 47.5

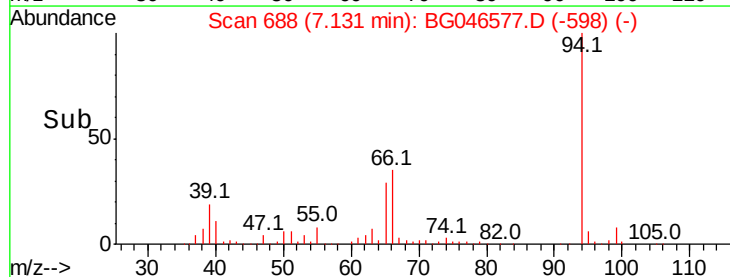
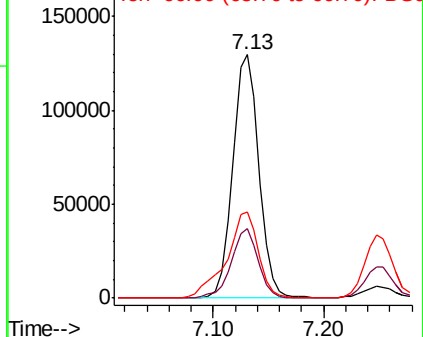
66 35.4 14.1 54.1

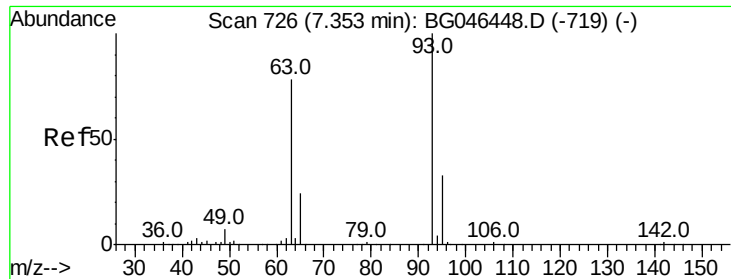


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC





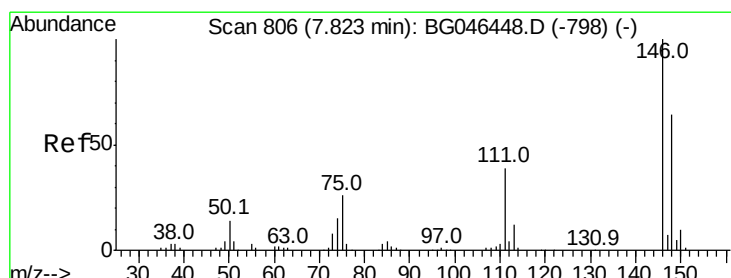
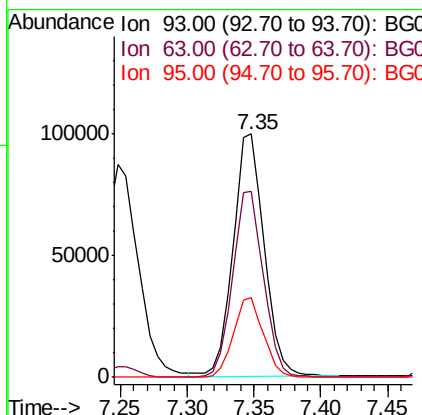
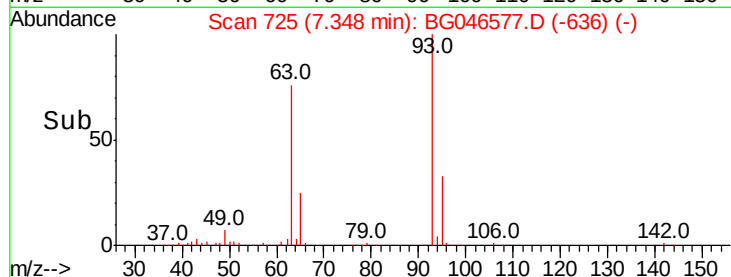
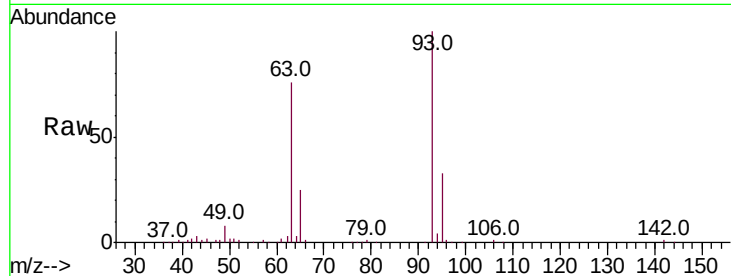
#11
bis(2-Chloroethyl)ether
Concen: 41.121 ng
RT: 7.35 min Scan# 725
Delta R.T. -0.00 min
Lab File: BG046577.D
Acq: 9 Sep 2020 17:57

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

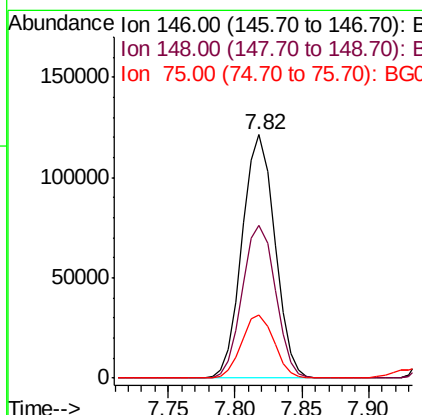
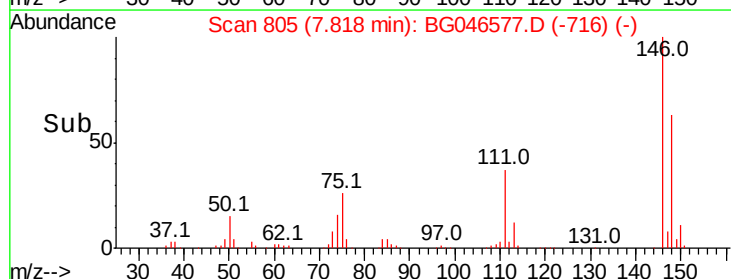
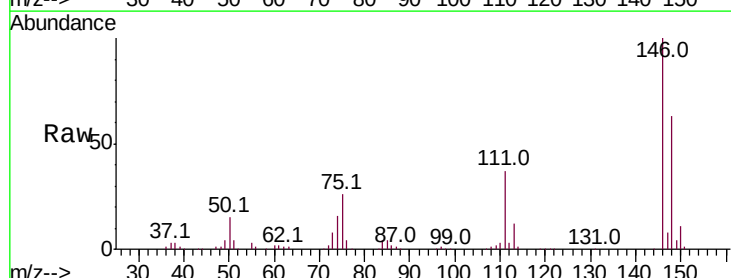
Manual Integrations
APPROVED

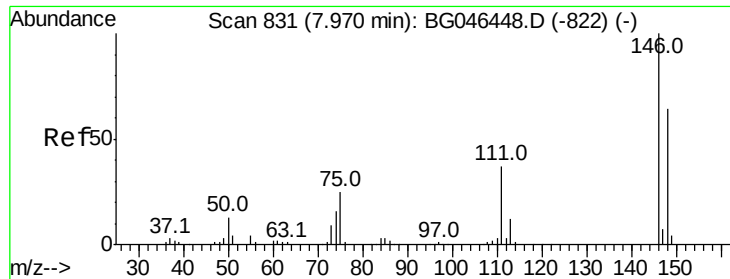
mohammad
9/10/2020 10:35:59 AM



#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





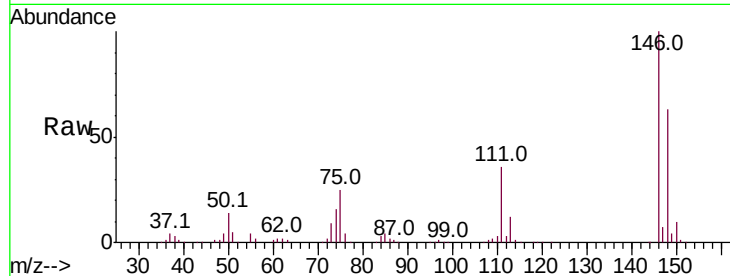
#13
1,4-Dichlorobenzene
Concen: 40.586 ng
RT: 7.97 min Scan# 830
Delta R.T. -0.00 min
Lab File: BG046577.D
Acq: 9 Sep 2020 17:57

Instrument :
BNA_G
ClientSampleId :
VNJ-218MS

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

Manual Integrations
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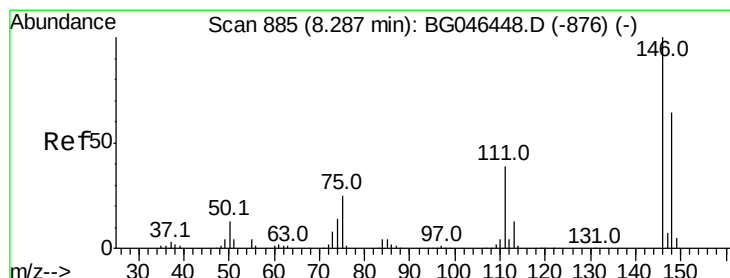
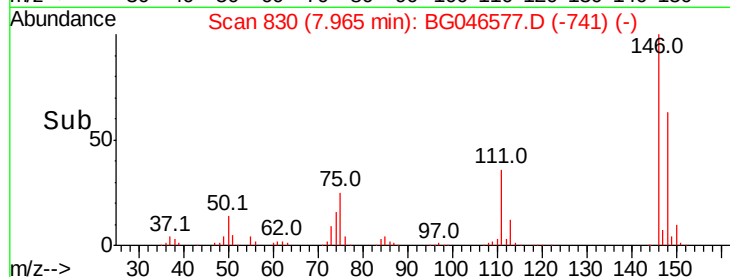
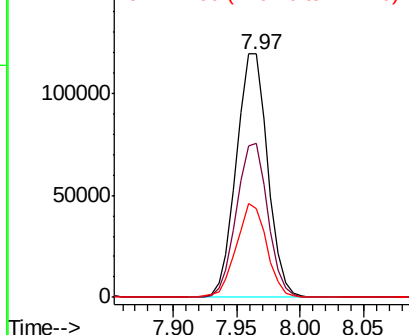


Abundance

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

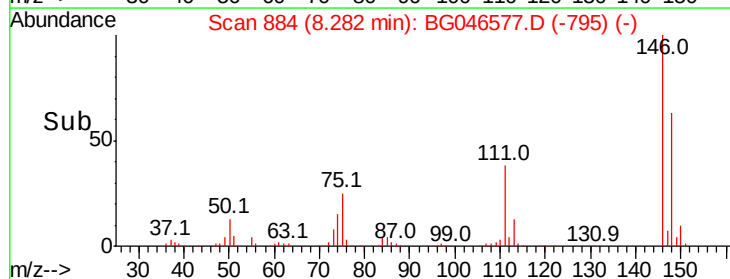
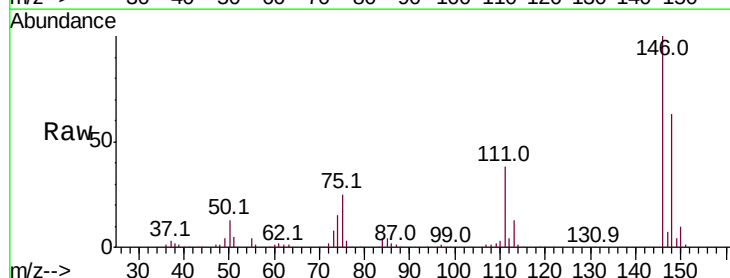
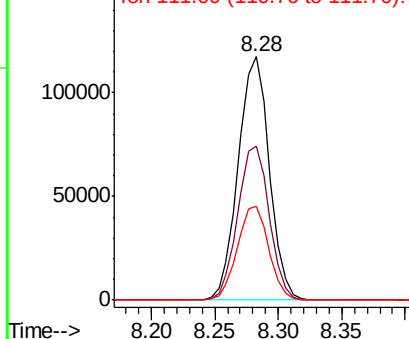
Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.3	51.4	77.0
111	38.4	31.4	47.2

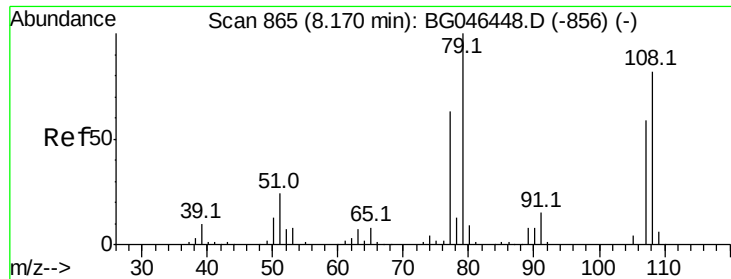
Abundance

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





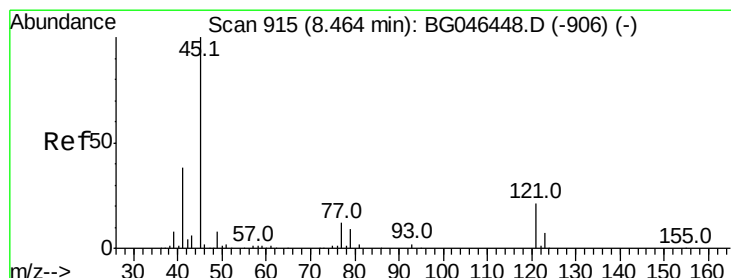
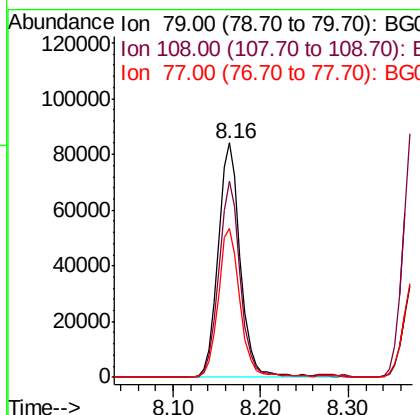
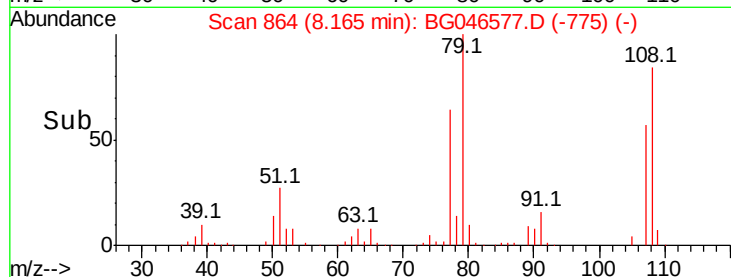
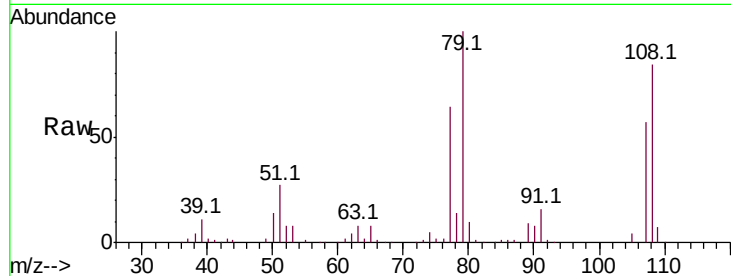
#15
Benzyl Alcohol
Concen: 43.183 ng
RT: 8.16 min Scan# 864
Delta R.T. -0.00 min
Lab File: BG046577.D
Acq: 9 Sep 2020 17:57

Instrument :
BNA_G
ClientSampleId :
VNJ-218MS

Tot Ion	Ratio	Lower	Upper
79	100		
108	83.7	65.7	98.5
77	63.8	50.3	75.5

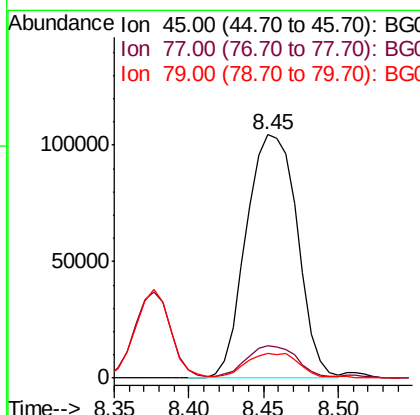
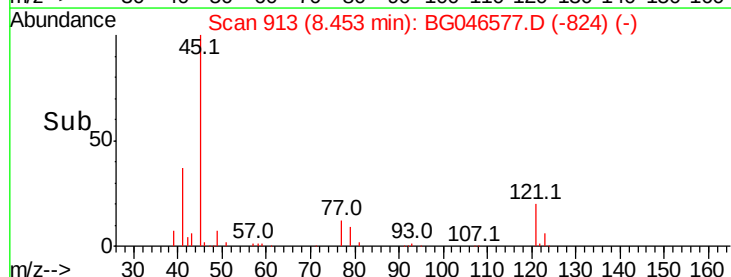
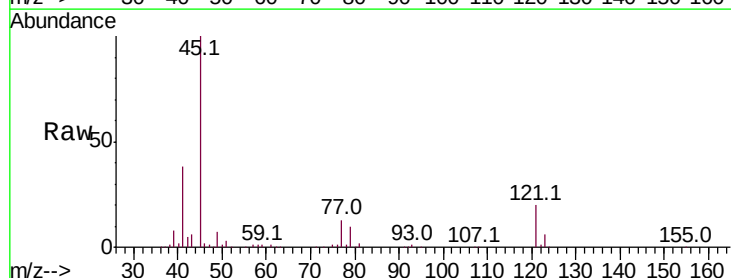
Manual Integrations
APPROVED

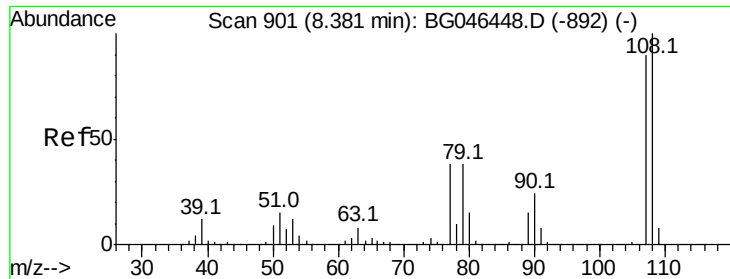
mohammad
9/10/2020 10:35:59 AM



#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	Ratio	Lower	Upper
45	100		
77	13.3	0.0	33.2
79	10.0	0.0	30.3





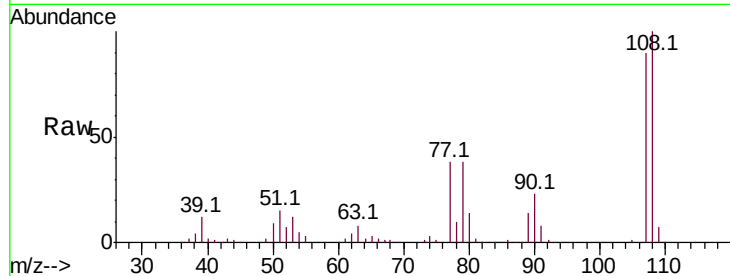
#17
2-Methylphenol
Concen: 42.853 ng
RT: 8.38 min Scan# 900
Delta R.T. 0.00 min
Lab File: BG046577.D
Acq: 9 Sep 2020 17:57

Instrument :
BNA_G
ClientSampleId :
VNJ-218MS

Tot Ion	Ratio	Resp	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	

Manual Integrations
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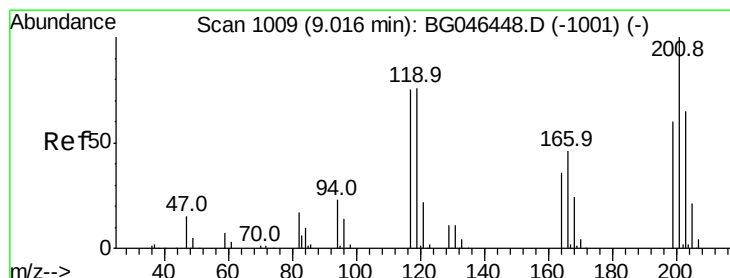
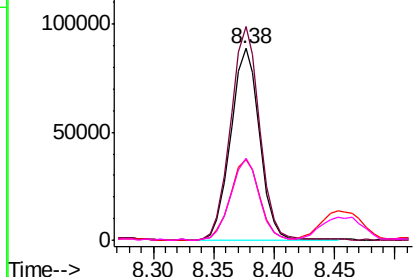
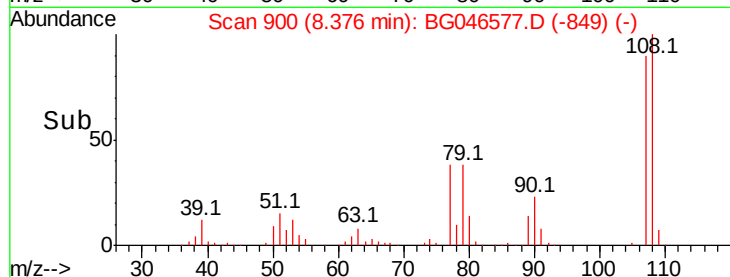
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

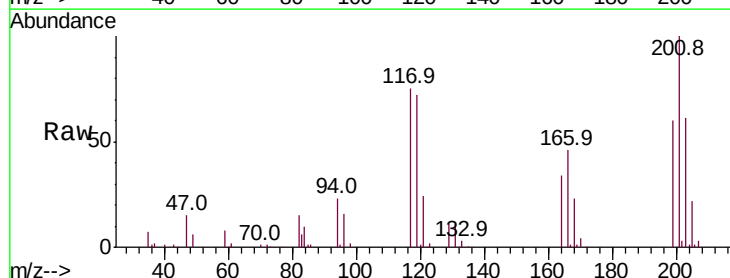
Ion 77.00 (76.70 to 77.70): BGC

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	Resp	Lower	Upper
117	100			
119	95.5	80.8	121.2	
201	133.1	106.7	160.1	

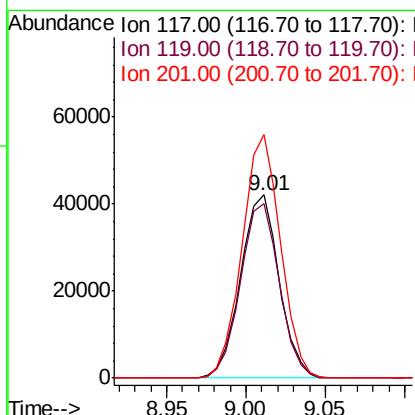
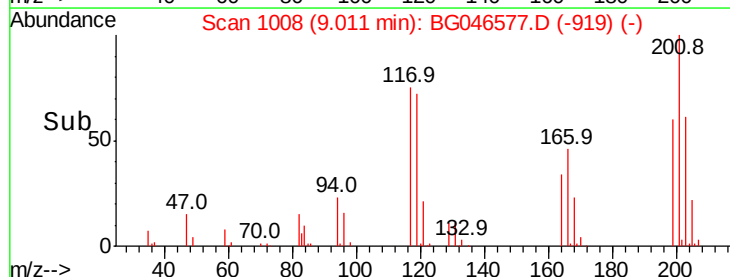


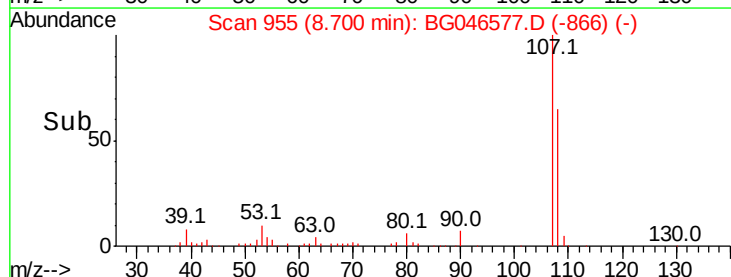
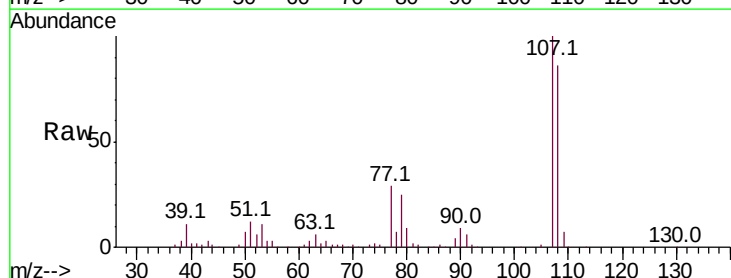
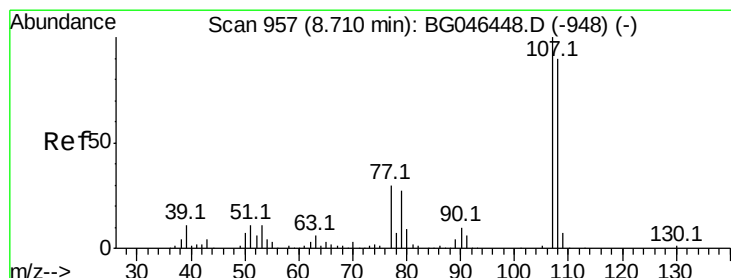
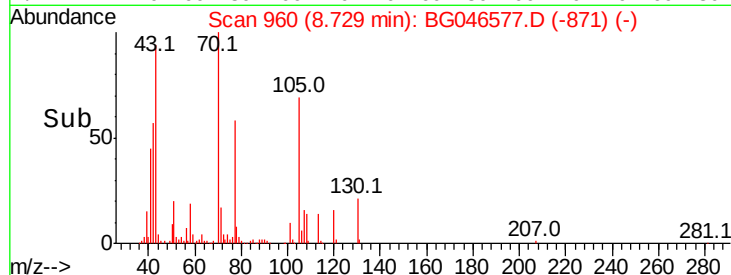
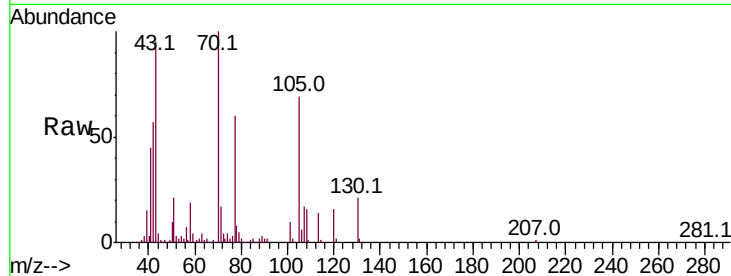
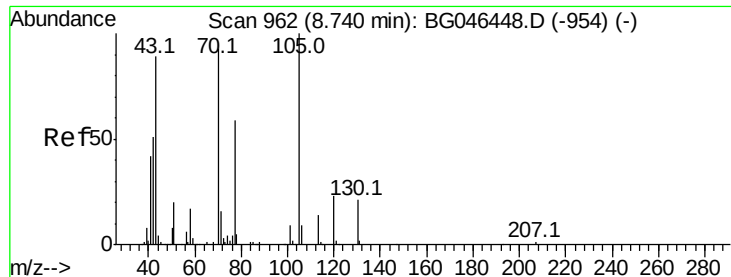
Abundance

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





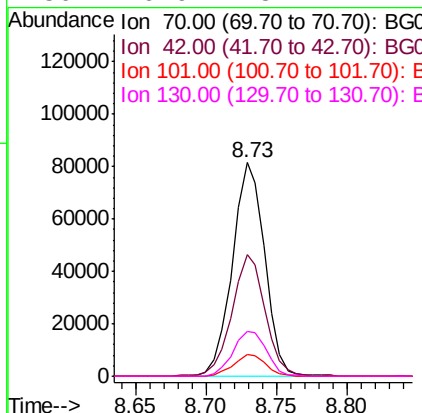
#19
n-Nitroso-di-n-propylamine
Concen: 40.989 ng
RT: 8.73 min Scan# 960
Delta R.T. -0.00 min
Lab File: BG046577.D
Acq: 9 Sep 2020 17:57

Instrument :
BNA_G
ClientSampleId :
VNJ-218MS

Tot Ion	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	

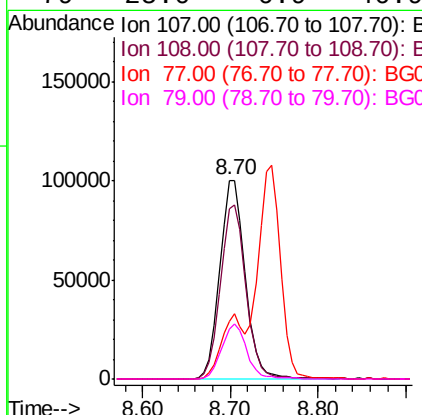
Manual Integrations
APPROVED

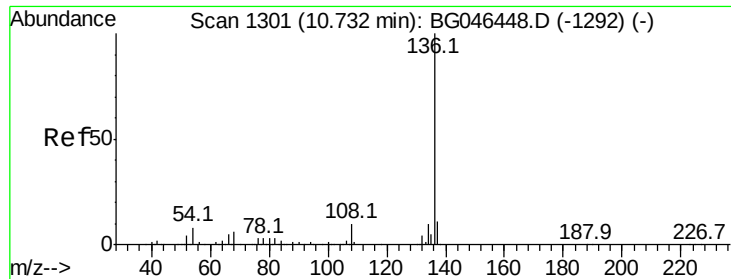
mohammad
9/10/2020 10:35:59 AM



#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	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	





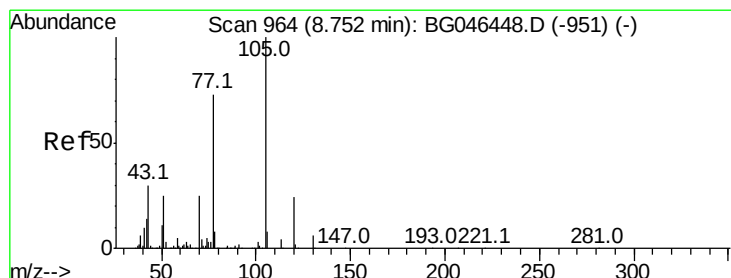
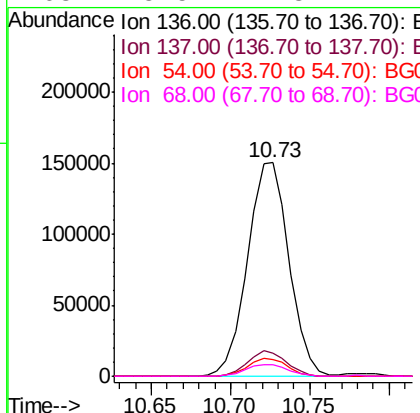
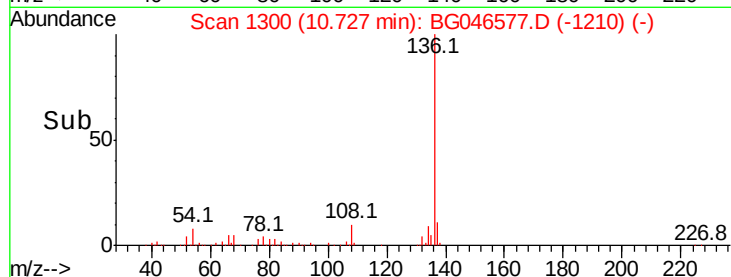
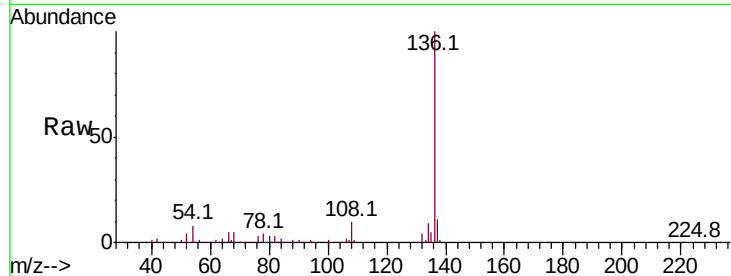
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.73 min Scan# 1300
Delta R.T. 0.00 min
Lab File: BG046577.D
Acq: 9 Sep 2020 17:57

Instrument :
BNA_G
ClientSampleId :
VNJ-218MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	273293		
137	11.0		8.8	13.2
54	7.8		6.1	9.1
68	5.5		4.8	7.2

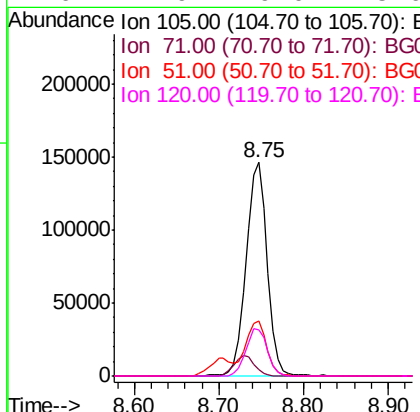
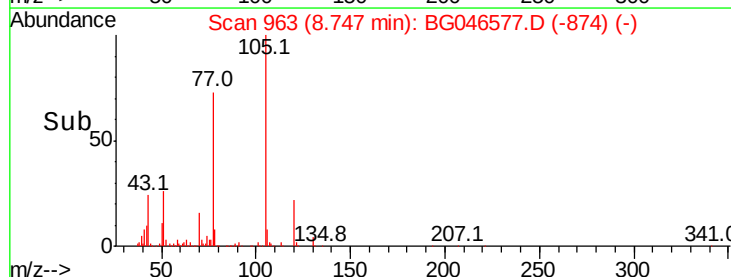
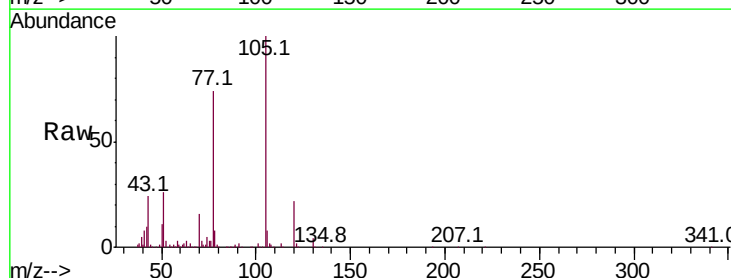
Manual Integrations
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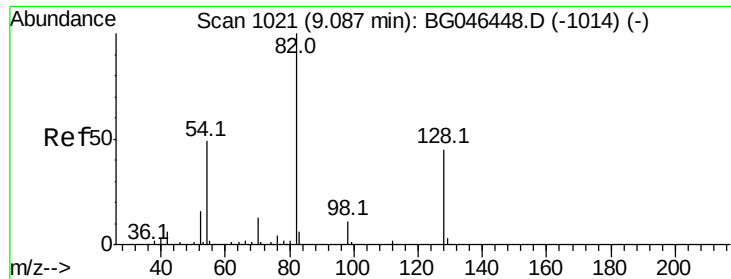
mohammad
9/10/2020 10:35:59 AM



#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	Ratio	Resp	Lower	Upper
105	100	252742		
71	2.9		3.3	4.9#
51	25.9		20.6	31.0
120	21.9		19.0	28.6





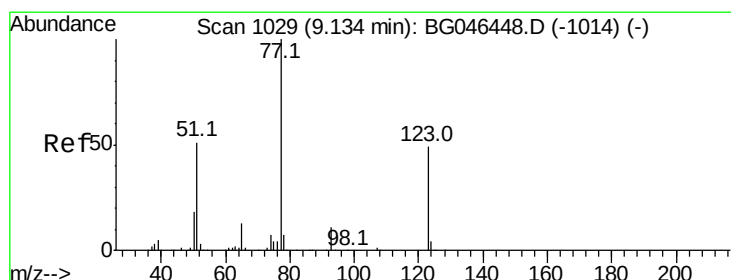
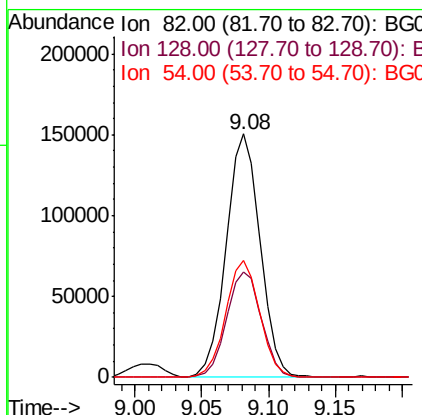
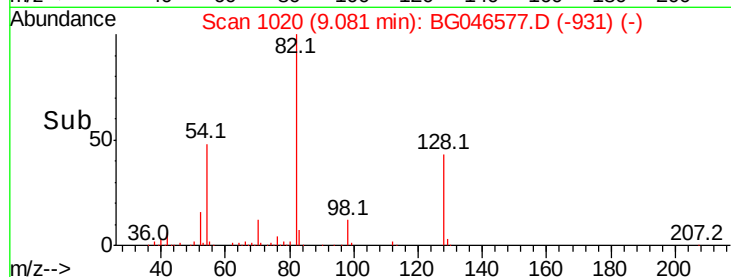
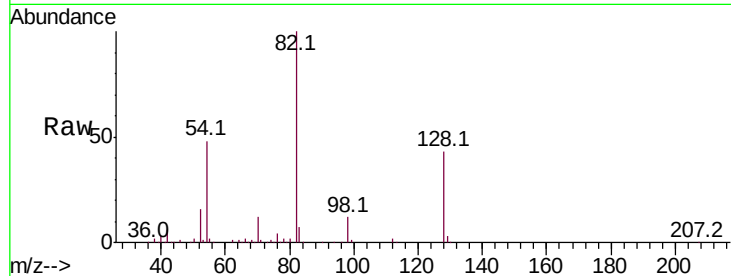
#23
 Nitrobenzene-d5
 Concen: 55.476 ng
 RT: 9.08 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: BG046577.D
 Acq: 9 Sep 2020 17:57

Instrument :
 BNA_G
 ClientSampleId :
 VNJ-218MS

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

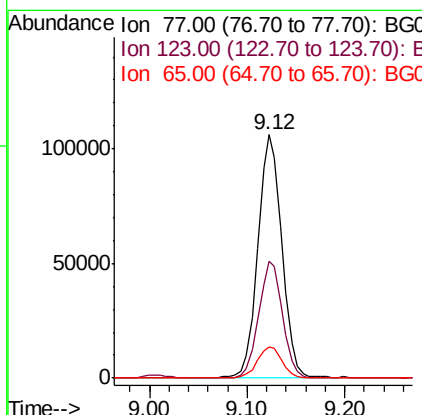
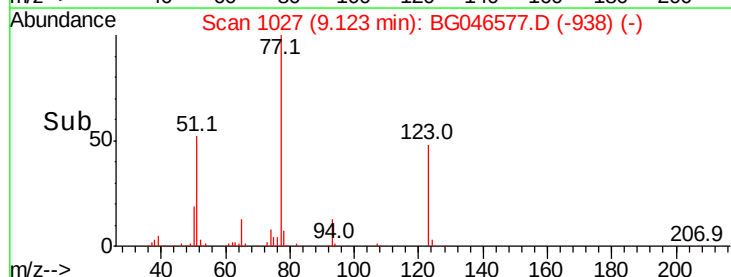
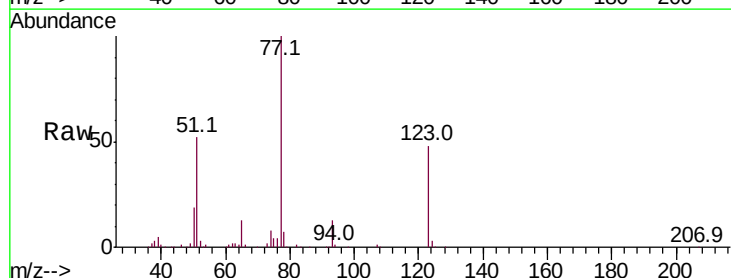
Manual Integrations
 APPROVED

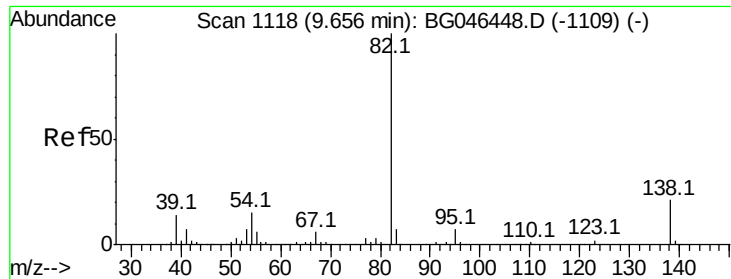
mohammad
 9/10/2020 10:35:59 AM



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





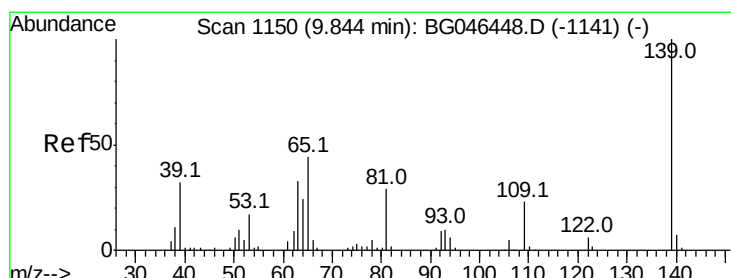
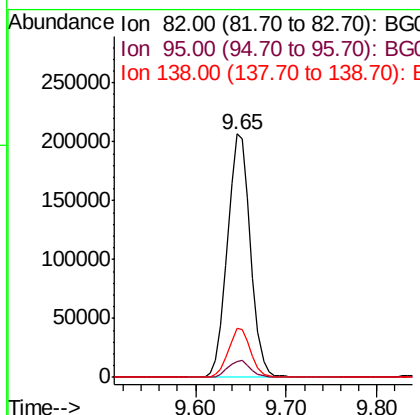
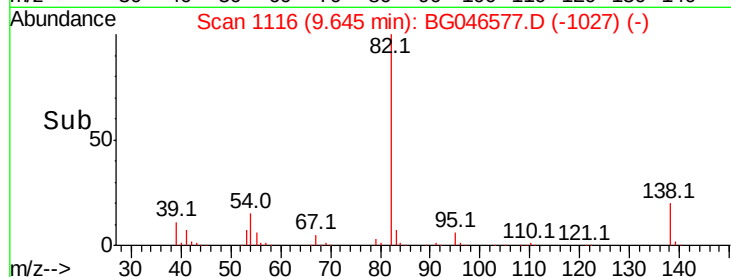
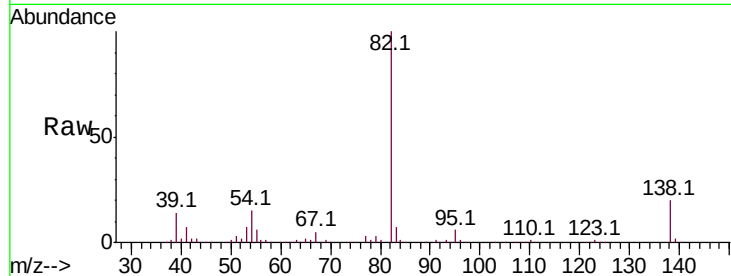
#25
Isophorone
Concen: 41.520 ng
RT: 9.65 min Scan# 1116
Delta R.T. -0.00 min
Lab File: BG046577.D
Acq: 9 Sep 2020 17:57

Instrument :
BNA_G
ClientSampleId :
VNJ-218MS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
95	6.3	5.8	8.6	
138	20.2	16.4	24.6	

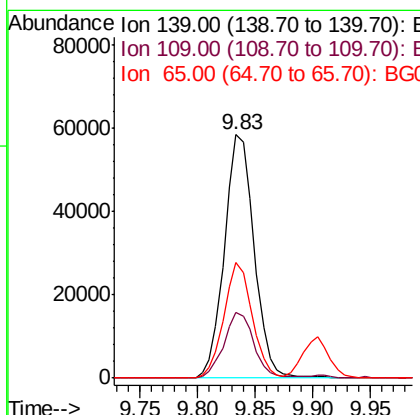
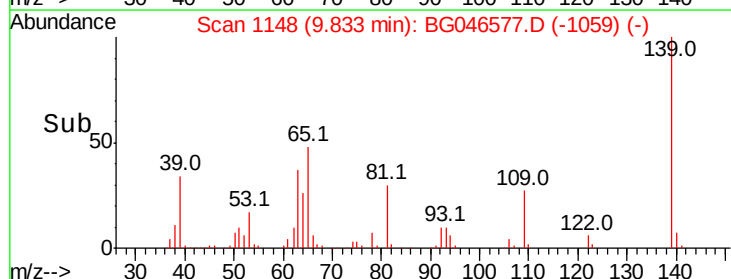
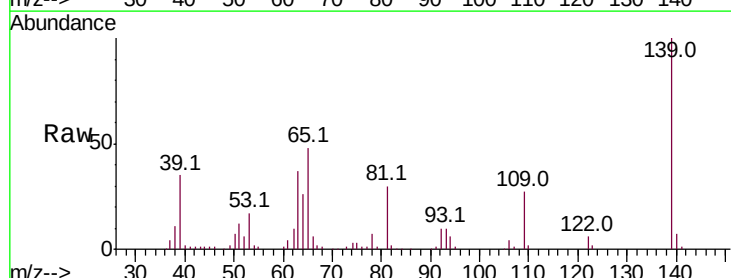
Manual Integrations
APPROVED

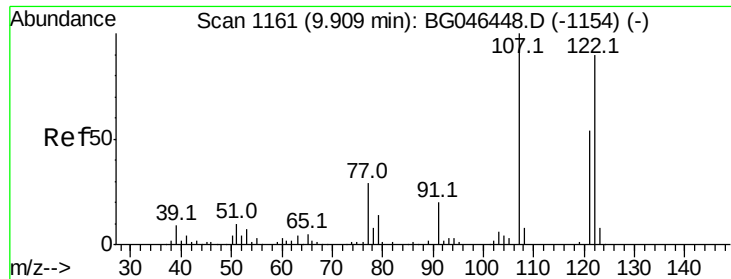
mohammad
9/10/2020 10:35:59 AM



#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	Ratio	Resp	Lower	Upper
139	100			
109	26.9	18.8	28.2	
65	47.5	35.0	52.6	





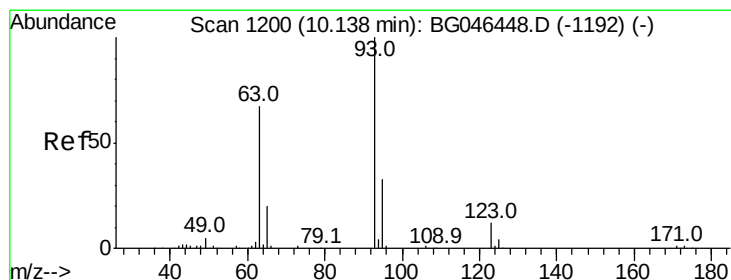
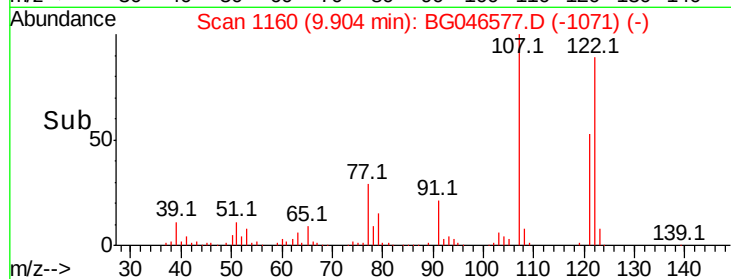
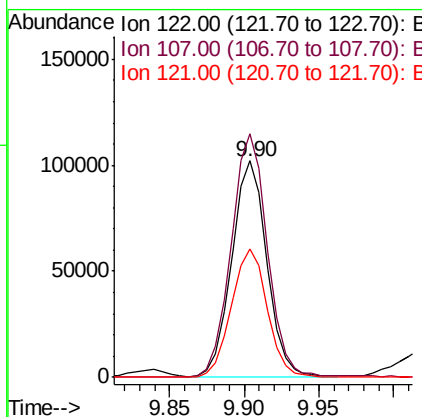
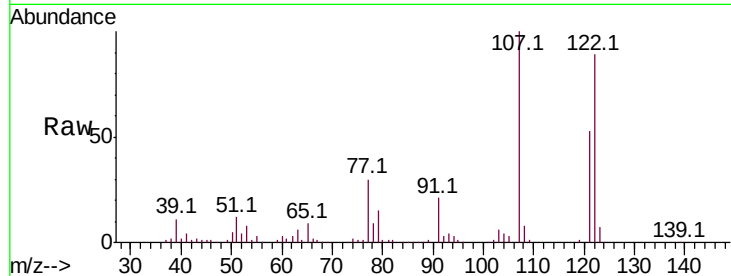
#27
2,4-Dimethylphenol
Concen: 48.637 ng
RT: 9.90 min Scan# 1160
Delta R.T. -0.00 min
Lab File: BG046577.D
Acq: 9 Sep 2020 17:57

Instrument :
BNA_G
ClientSampleId :
VNJ-218MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
122	100		166730		
107	112.6	88.2	132.2		
121	59.3	47.4	71.0		

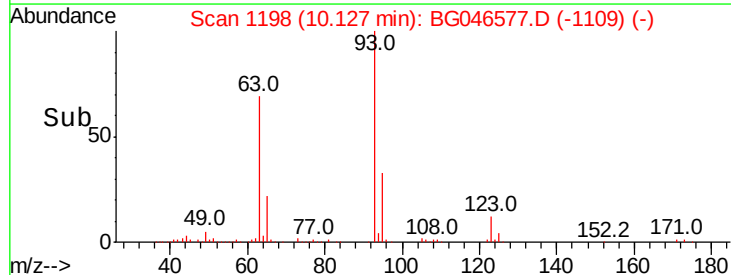
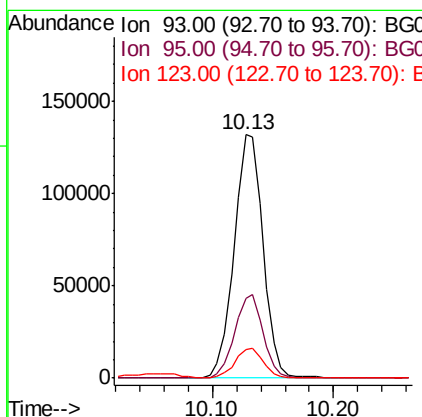
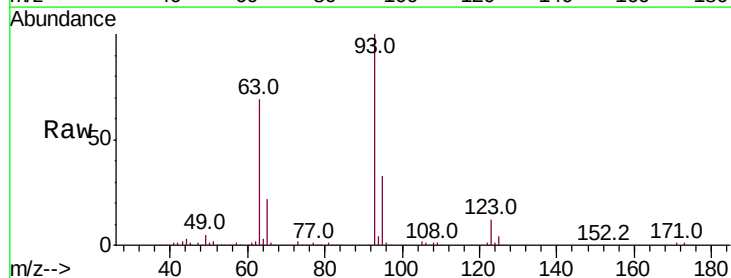
Manual Integrations
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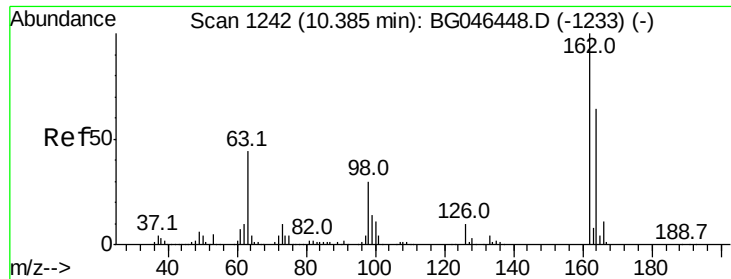
mohammad
9/10/2020 10:35:59 AM



#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	Ion	Ratio	Resp	Lower	Upper
93	100		219888		
95	33.0	26.1	39.1		
123	11.7	9.5	14.3		





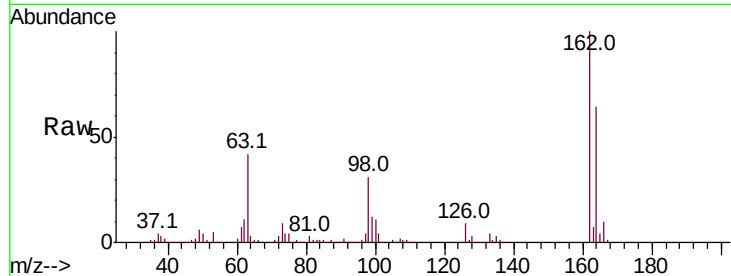
#29
2,4-Dichlorophenol
Concen: 43.042 ng
RT: 10.38 min Scan# 1241
Delta R.T. 0.00 min
Lab File: BG046577.D
Acq: 9 Sep 2020 17:57

Instrument :
BNA_G
ClientSampled :
VNJ-218MS

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

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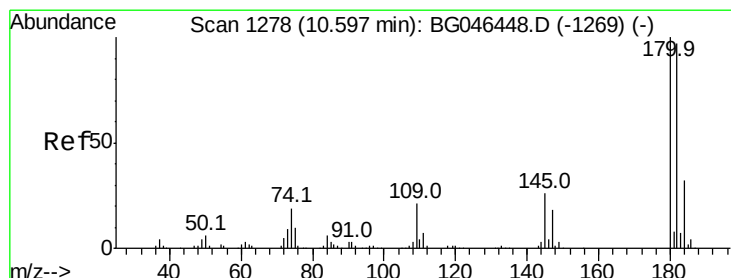
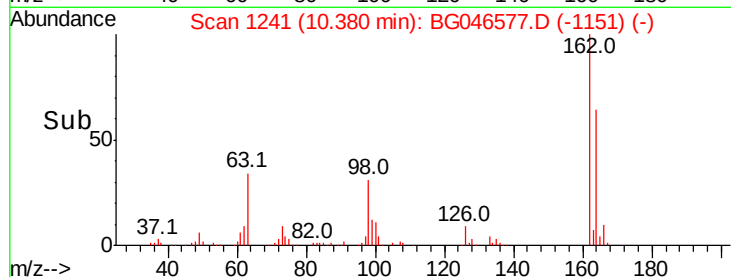
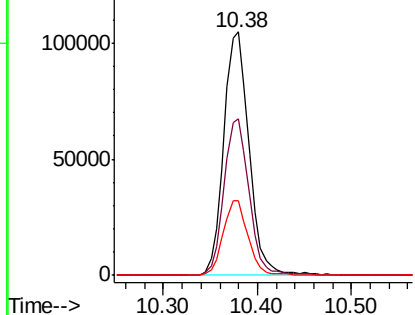


Abundance

Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BGC



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

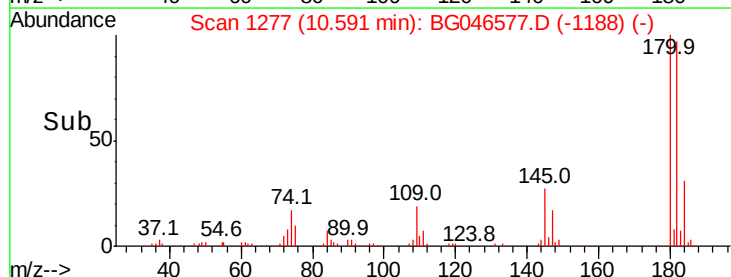
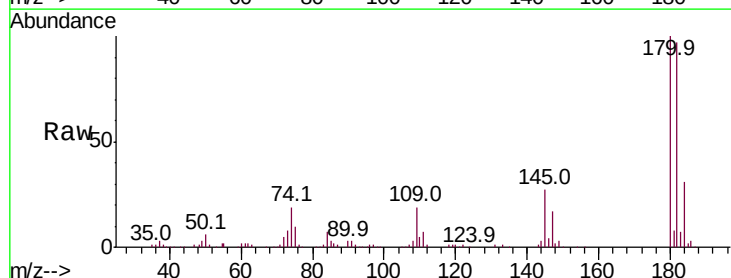
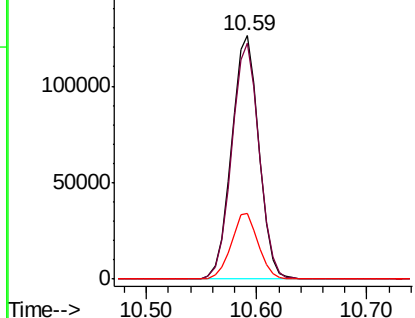
Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	97.0	77.8	116.8
145	26.8	20.9	31.3

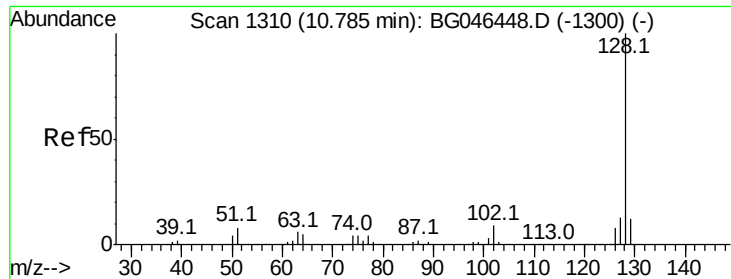
Abundance

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





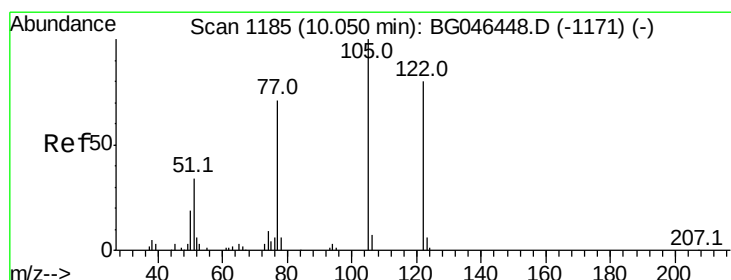
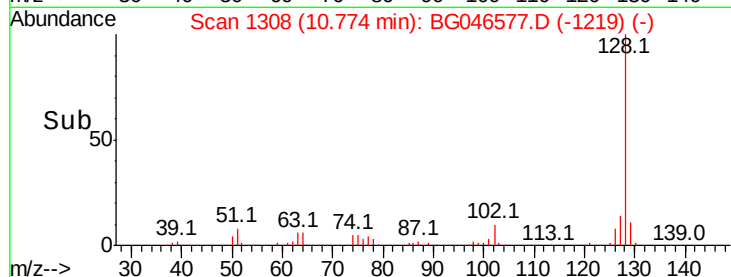
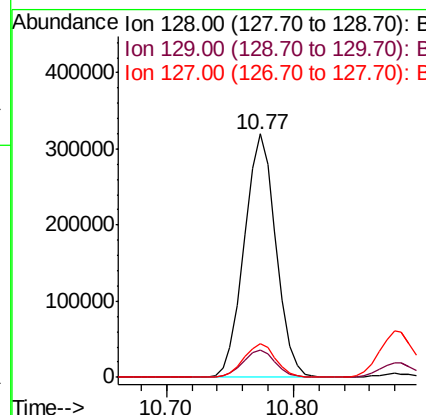
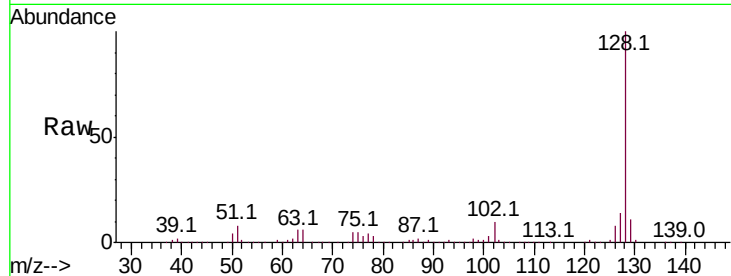
#31
Naphthalene
Concen: 41.397 ng
RT: 10.77 min Scan# 1308
Delta R.T. -0.00 min
Lab File: BG046577.D
Acq: 9 Sep 2020 17:57

Instrument :
BNA_G
ClientSampleId :
VNJ-218MS

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

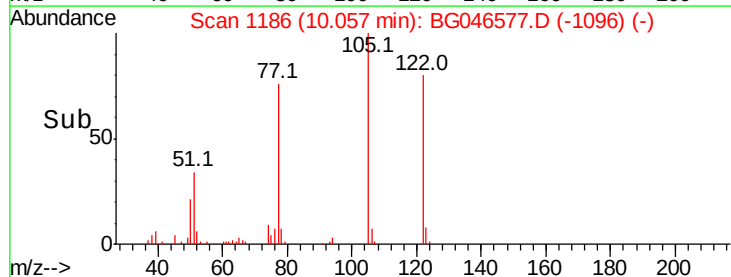
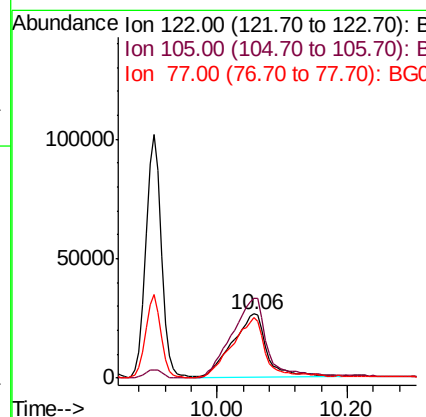
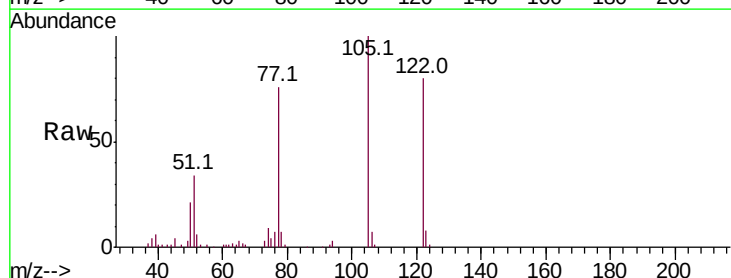
Manual Integrations
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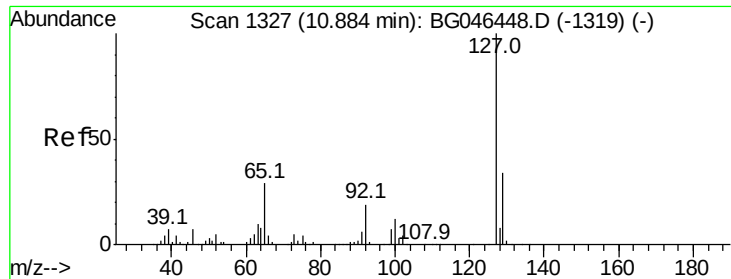
mohammad
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#32
Benzoic acid
Concen: 40.557 ng
RT: 10.06 min Scan# 1186
Delta R.T. 0.00 min
Lab File: BG046577.D
Acq: 9 Sep 2020 17:57

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





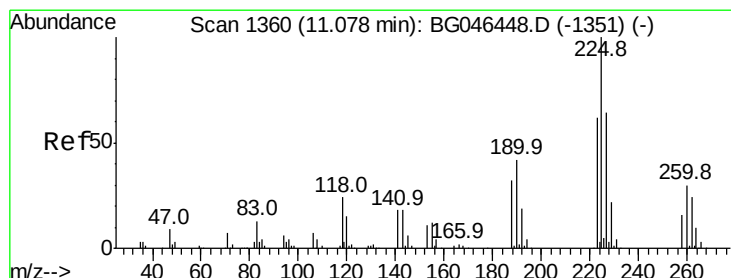
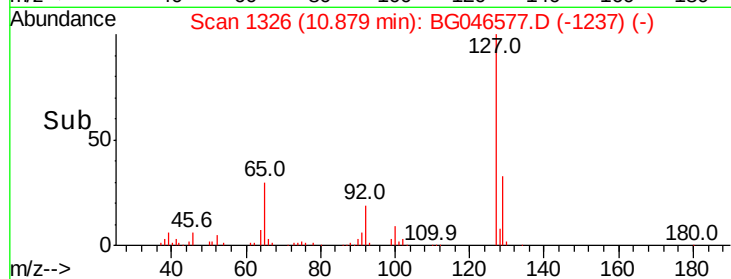
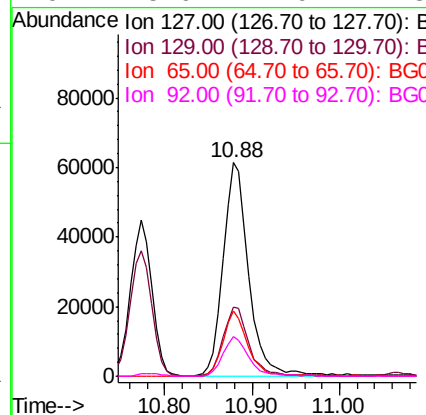
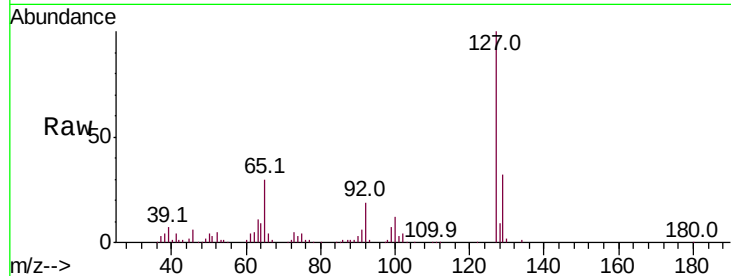
#33
4-Chloroaniline
Concen: 21.130 ng
RT: 10.88 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BG046577.D
Acq: 9 Sep 2020 17:57

Instrument :
BNA_G
ClientSampleId :
VNJ-218MS

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

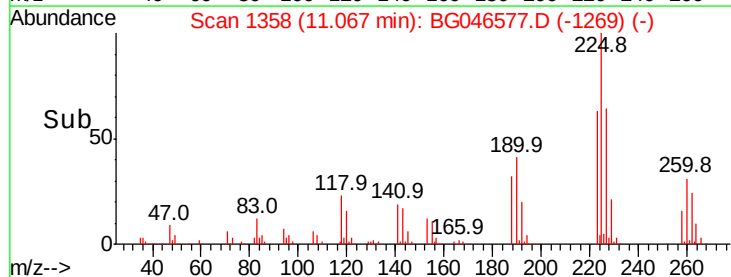
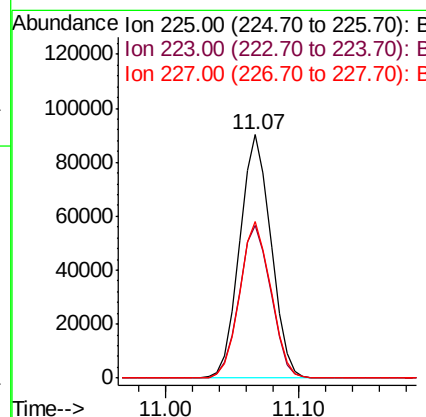
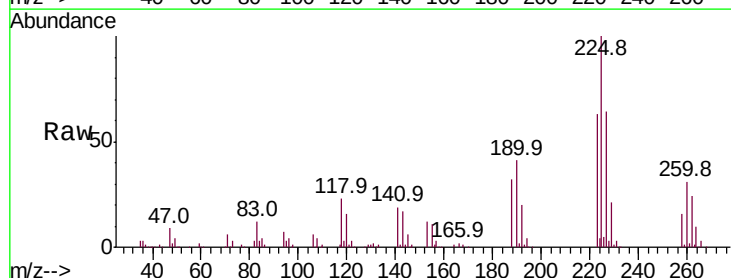
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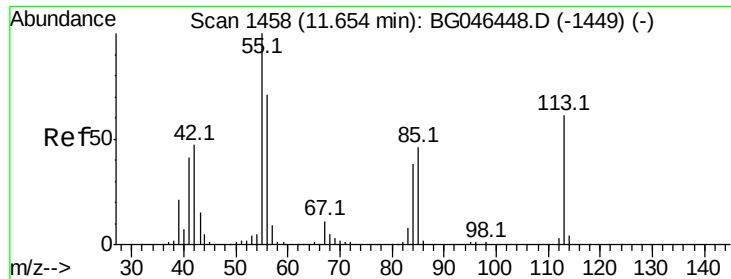
mohammad
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#34
Hexachlorobutadiene
Concen: 41.545 ng
RT: 11.07 min Scan# 1358
Delta R.T. -0.00 min
Lab File: BG046577.D
Acq: 9 Sep 2020 17:57

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		146231		
223	62.6	49.9	74.9		
227	64.5	51.6	77.4		





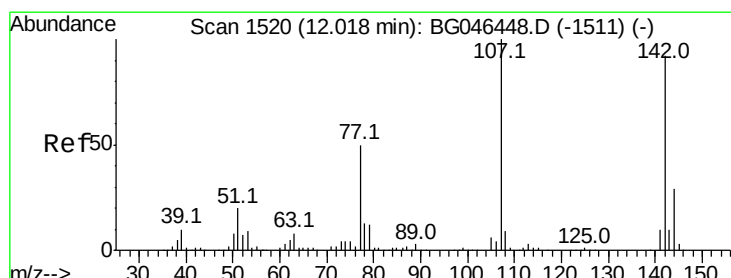
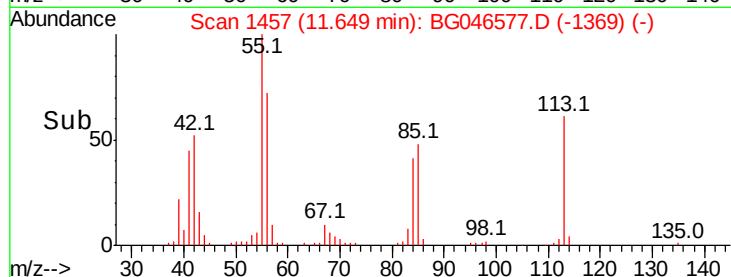
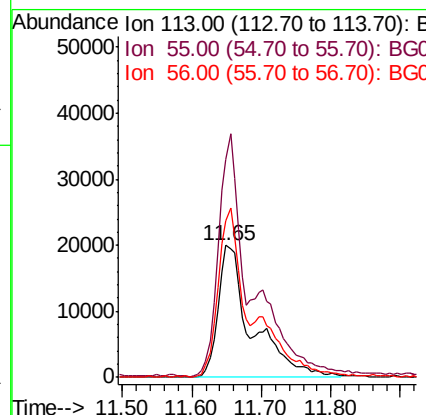
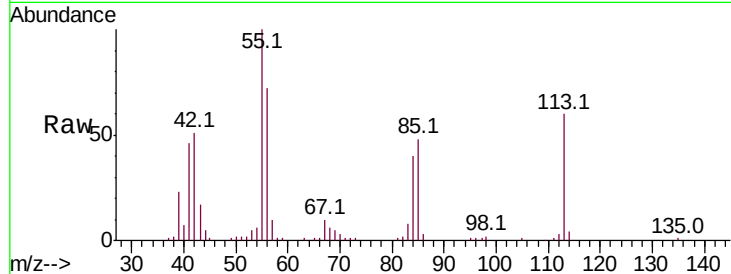
#35
 Caprolactam
 Concen: 39.545 ng/ml
 RT: 11.65 min Scan# 1457
 Delta R.T. -0.01 min
 Lab File: BG046577.D
 Acq: 9 Sep 2020 17:57

Instrument :
 BNA_G
 ClientSampleID :
 VNJ-218MS

Tot Ion	Ratio	Lower	Upper
113	100		
55	165.4	144.2	184.2
56	118.5	97.0	137.0

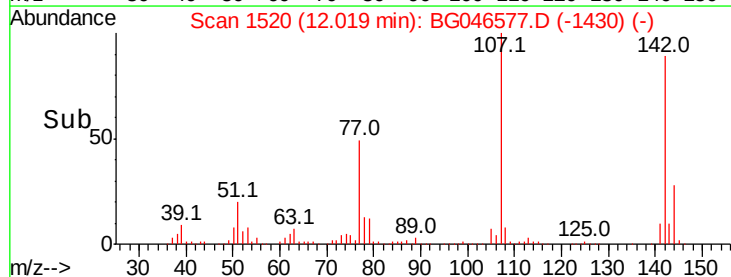
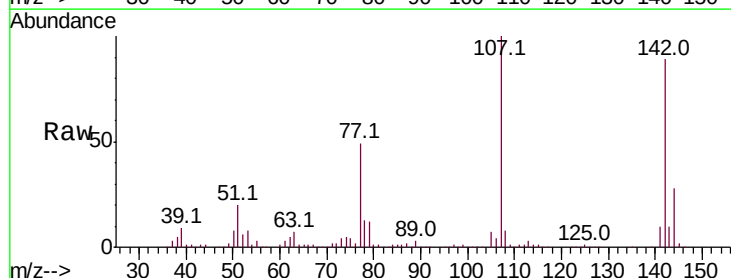
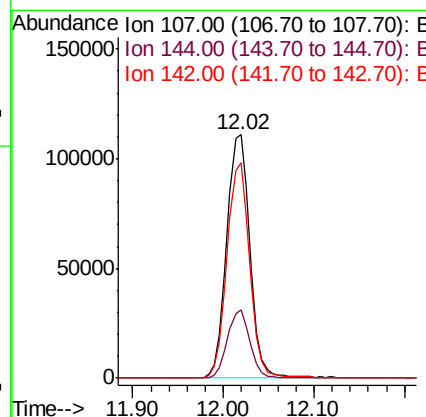
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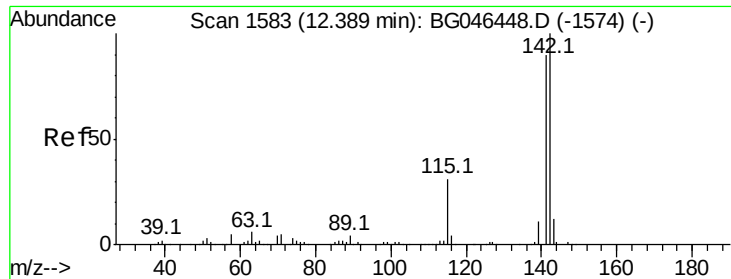
mohammad
 9/10/2020 10:35:59 AM



#36
 4-Chloro-3-methylphenol
 Concen: 44.315 ng/ml
 RT: 12.02 min Scan# 1520
 Delta R.T. 0.00 min
 Lab File: BG046577.D
 Acq: 9 Sep 2020 17:57

Tgt Ion	Ratio	Lower	Upper
107	100		
144	27.9	23.3	34.9
142	88.5	73.7	110.5





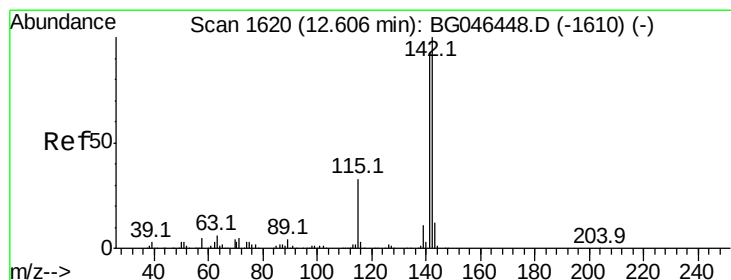
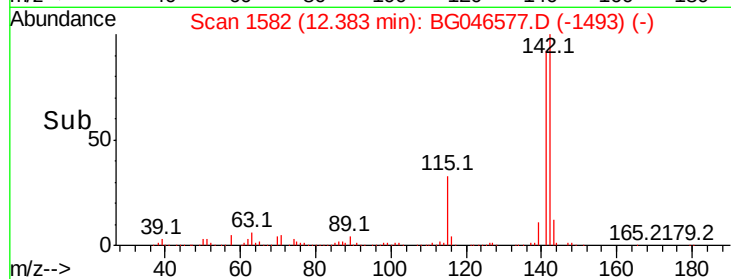
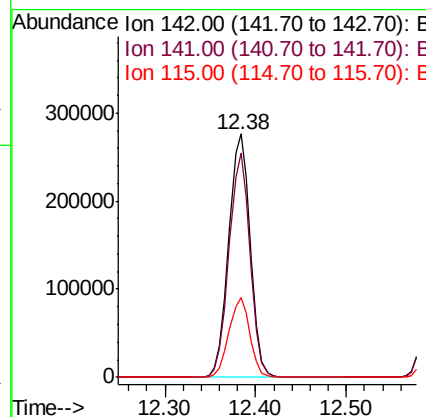
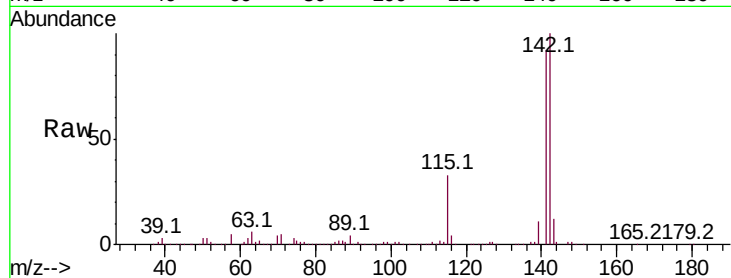
#37
 2-Methylnaphthalene
 Concen: 43.235 ng
 RT: 12.38 min Scan# 1582
 Delta R.T. -0.00 min
 Lab File: BG046577.D
 Acq: 9 Sep 2020 17:57

Instrument :
 BNA_G
 ClientSampleId :
 VNJ-218MS

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

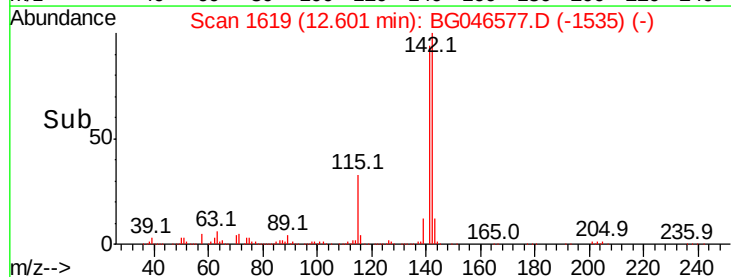
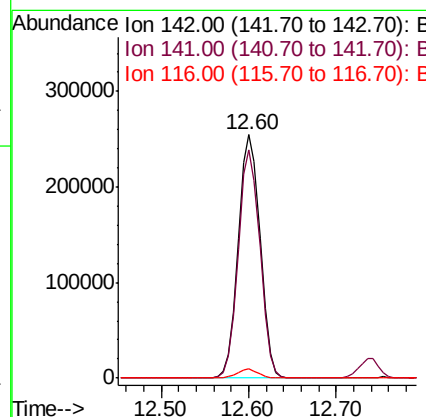
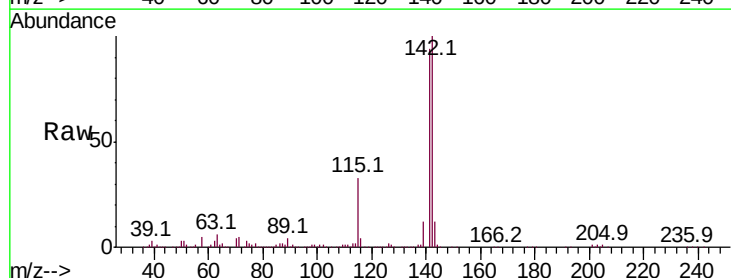
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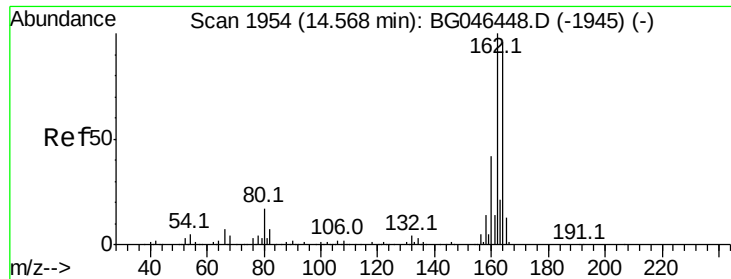
mohammad
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#38
 1-Methylnaphthalene
 Concen: 42.857 ng
 RT: 12.60 min Scan# 1619
 Delta R.T. -0.00 min
 Lab File: BG046577.D
 Acq: 9 Sep 2020 17:57

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.6	74.7	112.1
116	3.7	2.6	4.0





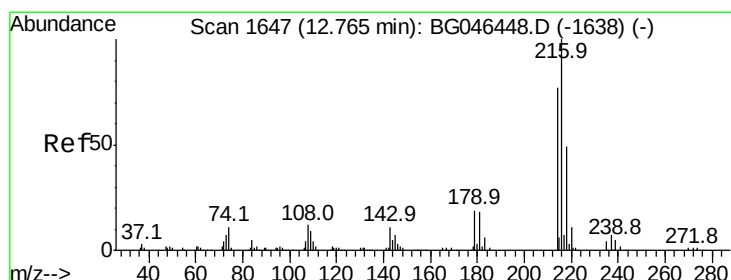
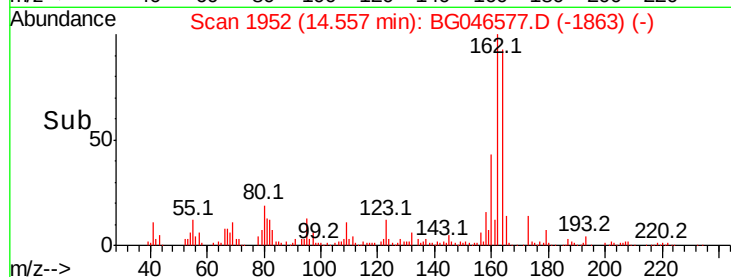
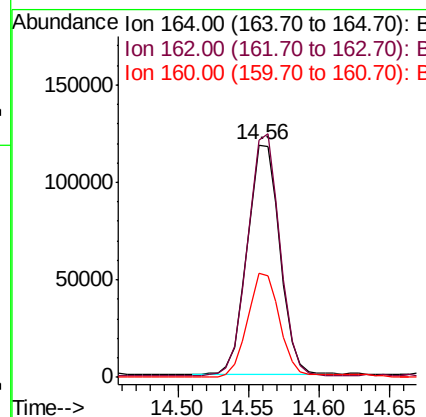
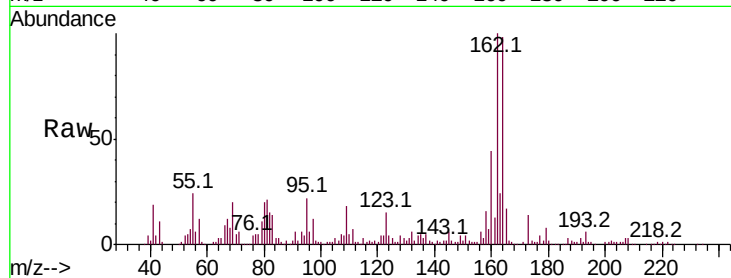
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.56 min Scan# 1952
Delta R.T. -0.00 min
Lab File: BG046577.D
Acq: 9 Sep 2020 17:57

Instrument :
BNA_G
ClientSampleId :
VNJ-218MS

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	102.3	83.3	124.9	
160	44.6	35.0	52.6	

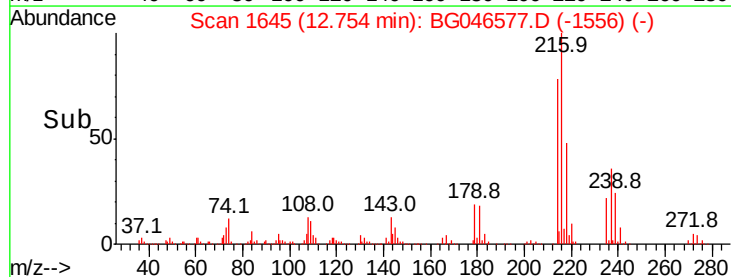
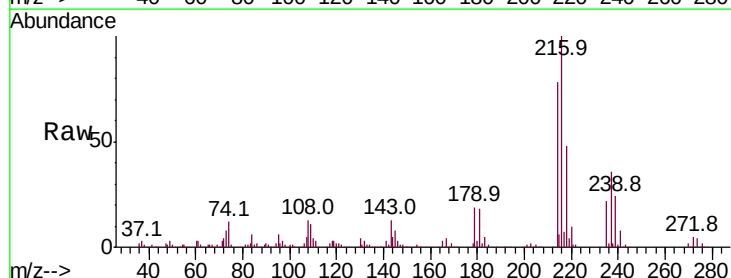
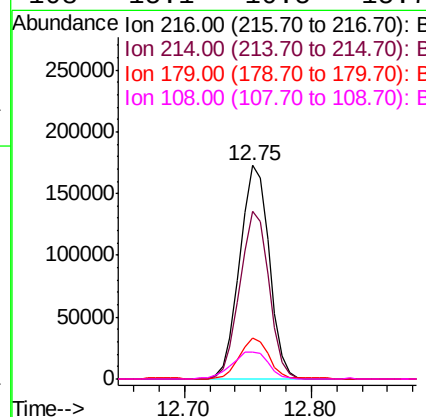
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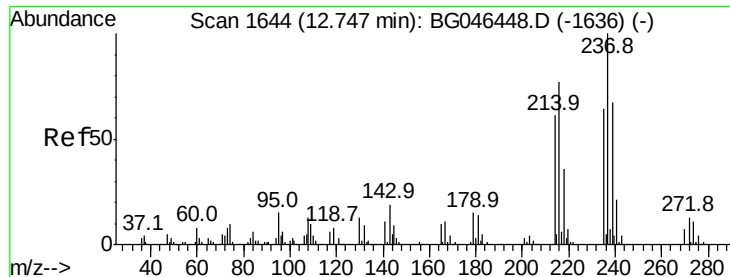
mohammad
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.062 ng
RT: 12.75 min Scan# 1645
Delta R.T. -0.00 min
Lab File: BG046577.D
Acq: 9 Sep 2020 17:57

Tgt Ion	Ratio	Resp	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	





#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

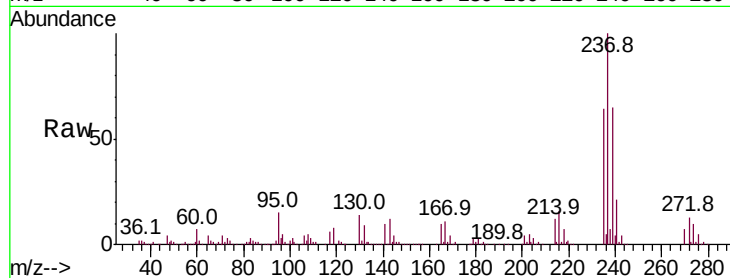
ClientSampleId :

VNJ-218MS

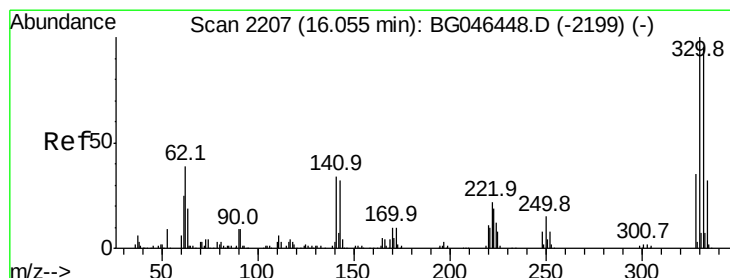
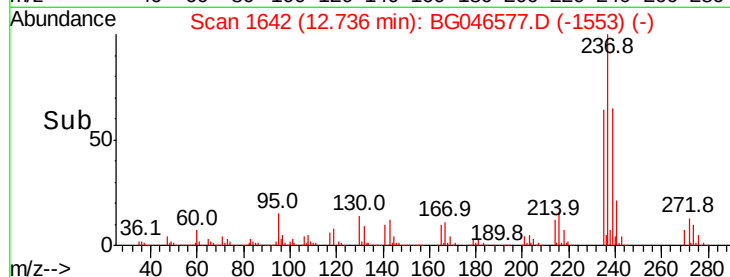
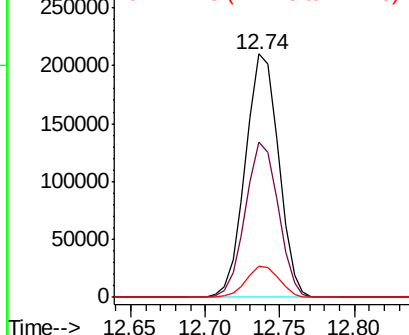
Tot Ion:	237	Resp:	323905
Ion Ratio	Lower	Upper	
237	100		
235	63.7	44.5	84.5
272	12.6	0.0	32.8

Manual Integrations
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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

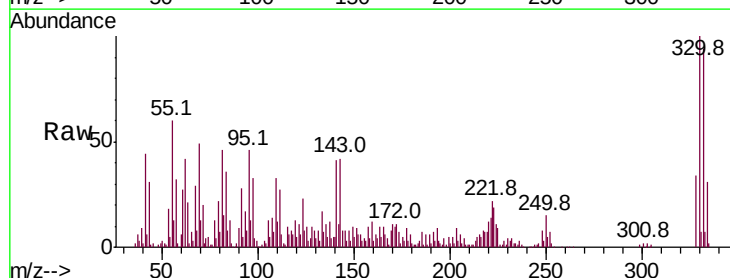
RT: 16.06 min Scan# 2207

Delta R.T. 0.01 min

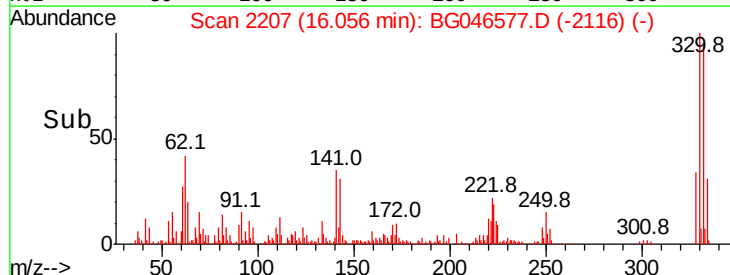
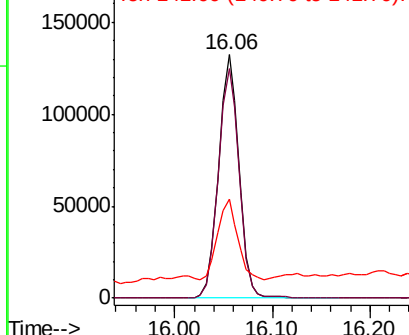
Lab File: BG046577.D

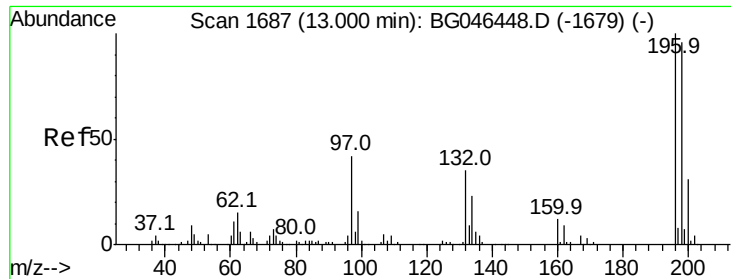
Acq: 9 Sep 2020 17:57

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





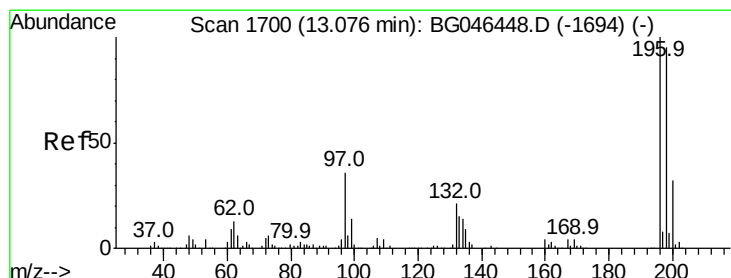
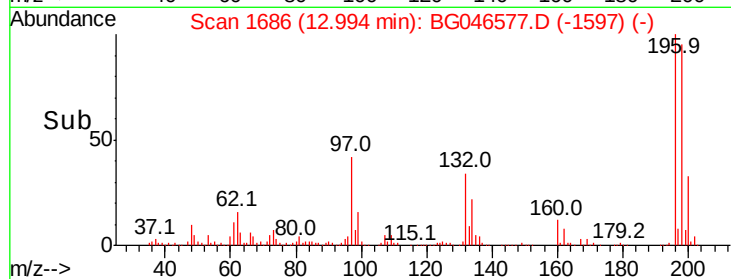
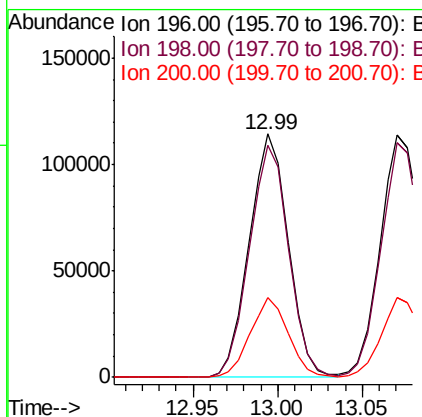
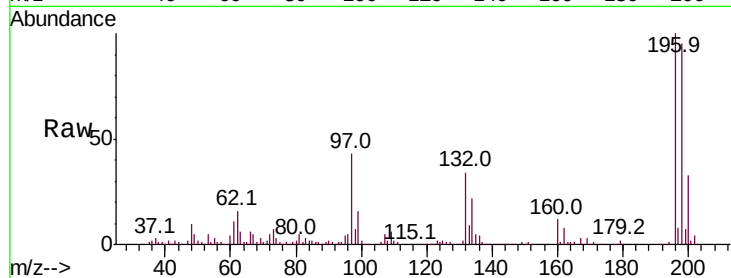
#43
 2,4,6-Trichlorophenol
 Concen: 43.214 ng
 RT: 12.99 min Scan# 1686
 Delta R.T. -0.00 min
 Lab File: BG046577.D
 Acq: 9 Sep 2020 17:57

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

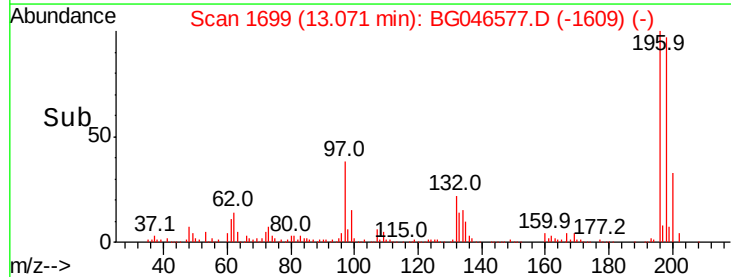
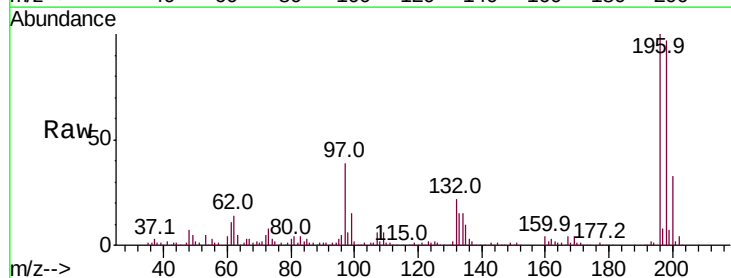
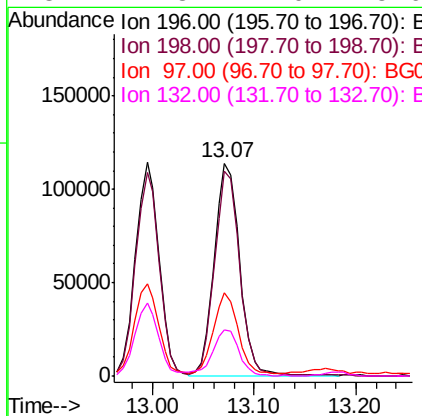
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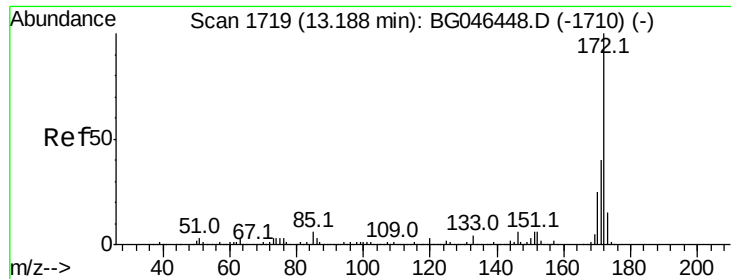
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 44.115 ng
 RT: 13.07 min Scan# 1699
 Delta R.T. 0.00 min
 Lab File: BG046577.D
 Acq: 9 Sep 2020 17:57

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





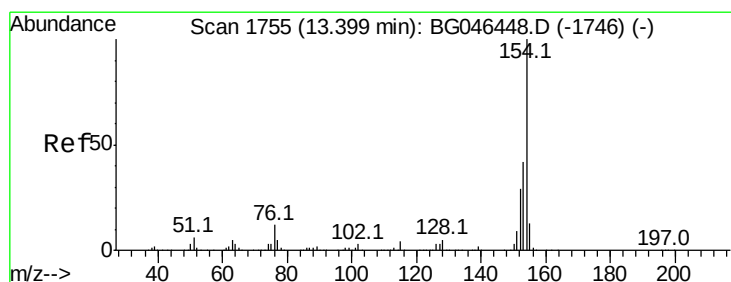
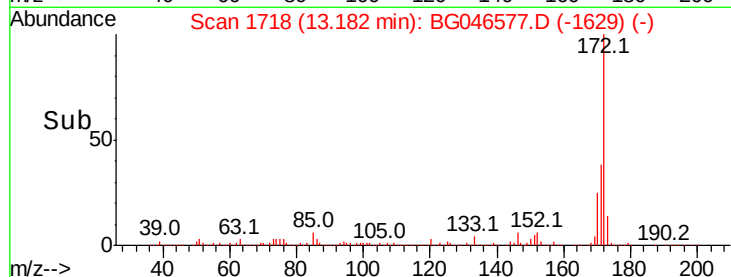
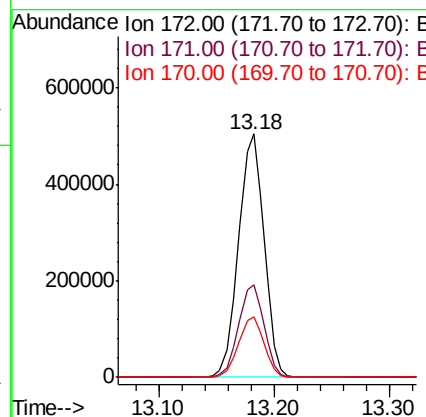
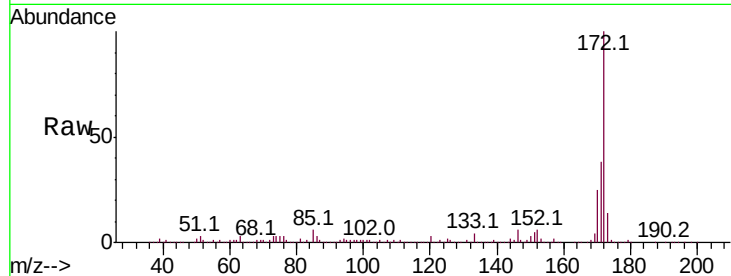
#45
2-Fluorobiphenyl
Concen: 61.428 ng
RT: 13.18 min Scan# 1718
Delta R.T. -0.00 min
Lab File: BG046577.D
Acq: 9 Sep 2020 17:57

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

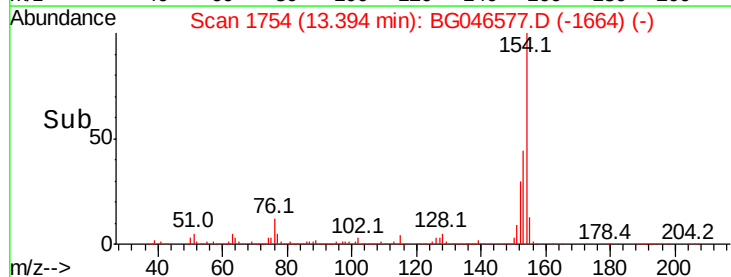
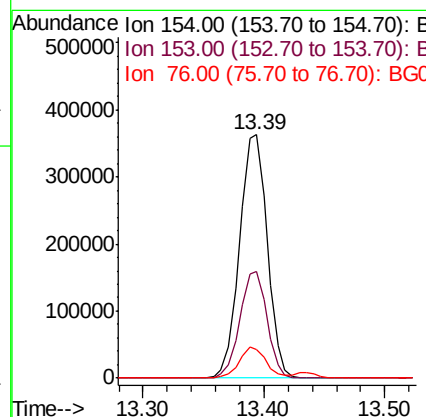
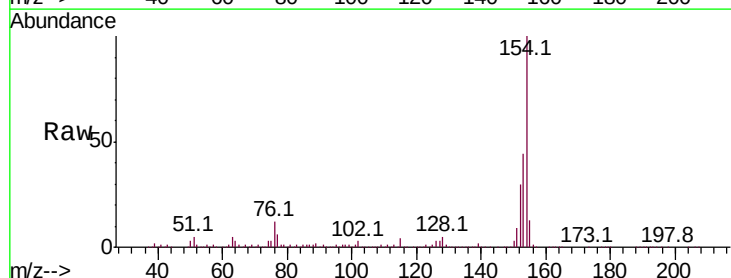
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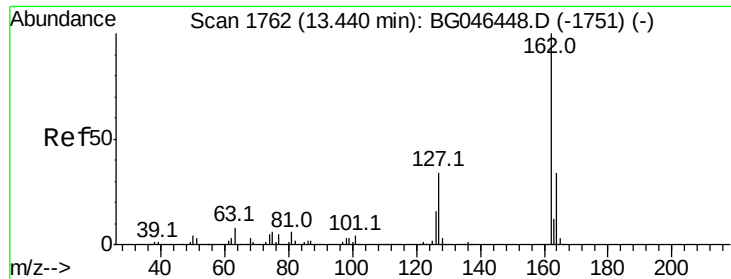
mohammad
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#46
1,1'-Biphenyl
Concen: 43.568 ng
RT: 13.39 min Scan# 1754
Delta R.T. 0.00 min
Lab File: BG046577.D
Acq: 9 Sep 2020 17:57

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





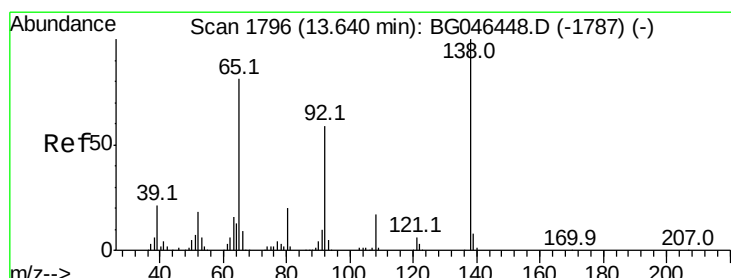
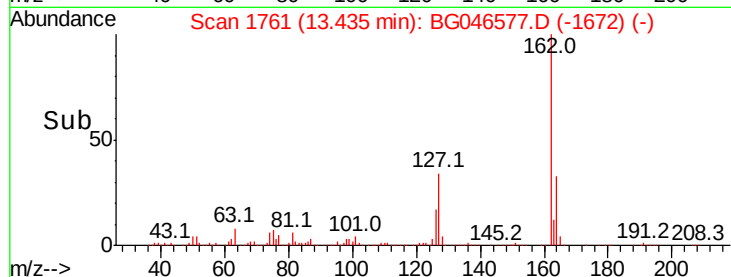
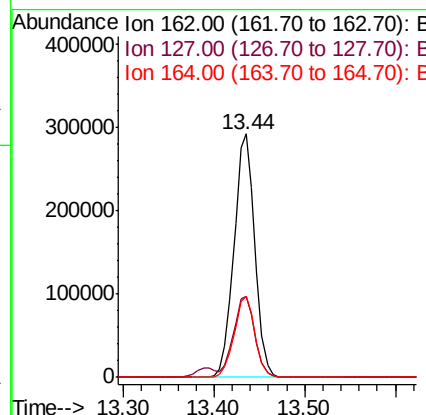
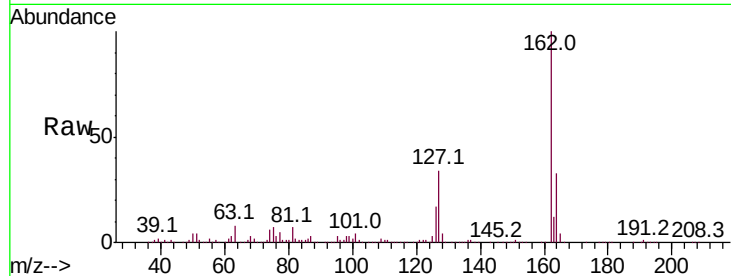
#47
2-Chloronaphthalene
Concen: 41.222 ng
RT: 13.44 min Scan# 1761
Delta R.T. -0.00 min
Lab File: BG046577.D
Acq: 9 Sep 2020 17:57

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

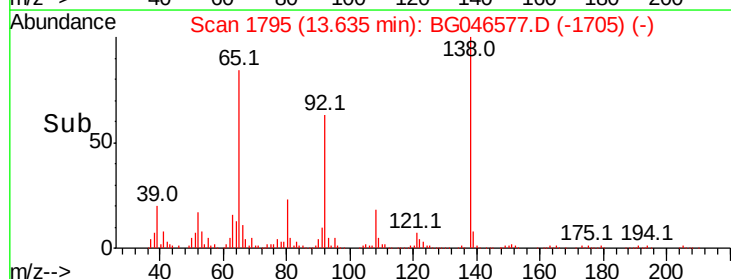
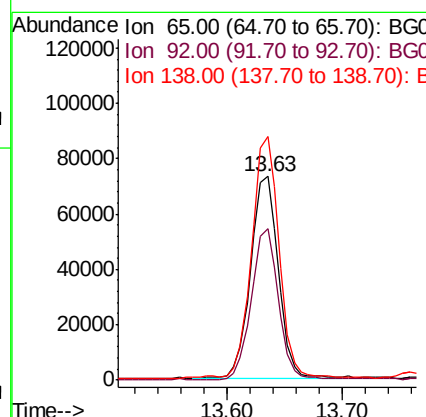
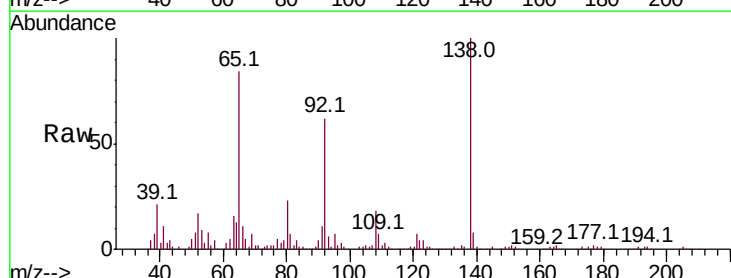
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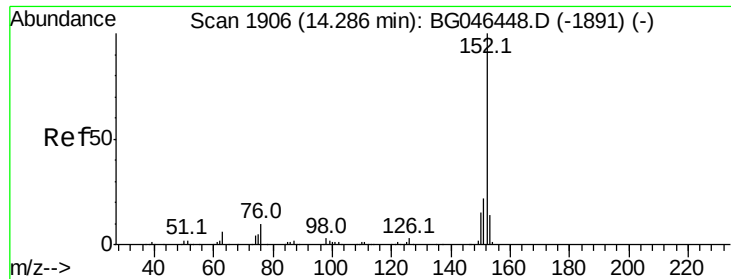
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#48
2-Nitroaniline
Concen: 38.592 ng
RT: 13.63 min Scan# 1795
Delta R.T. 0.00 min
Lab File: BG046577.D
Acq: 9 Sep 2020 17:57

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

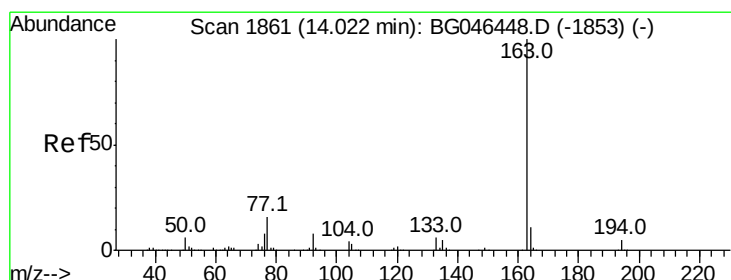
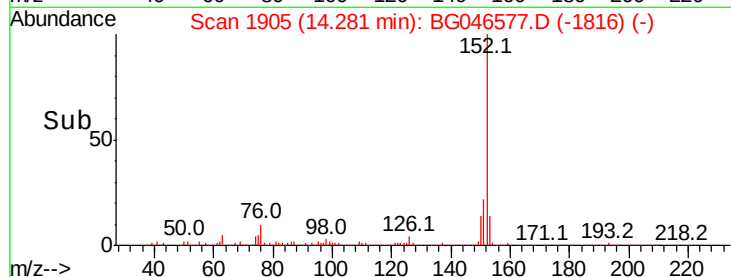
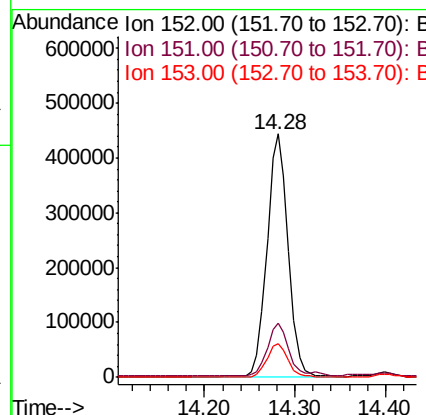
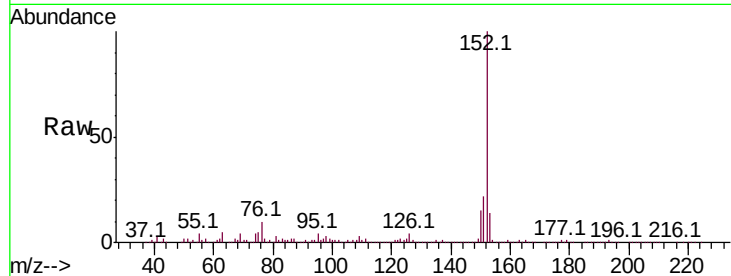
ClientSampleId :

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

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#50

Dimethylphthalate

Concen: 43.472 ng

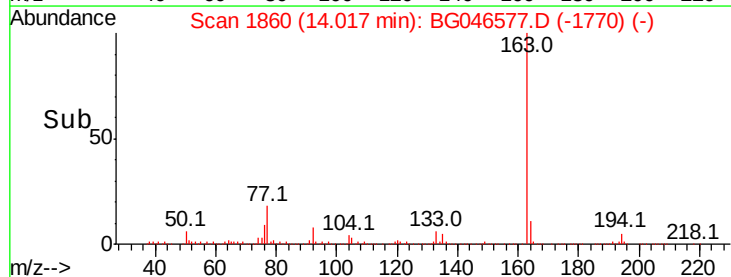
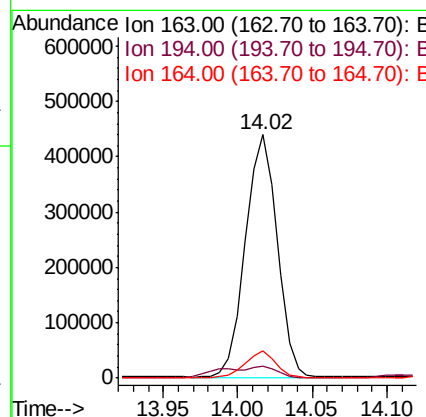
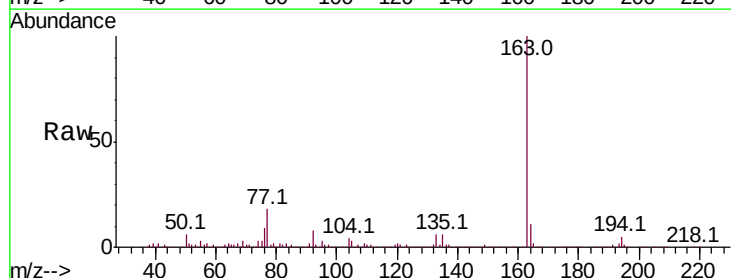
RT: 14.02 min Scan# 1860

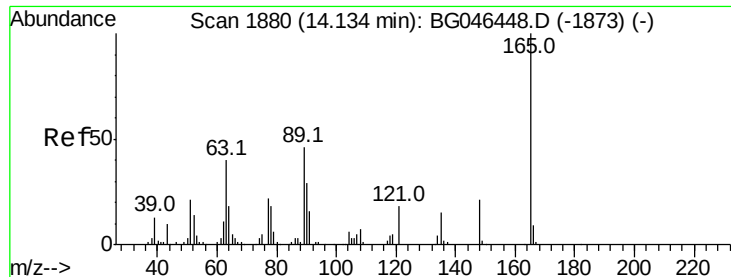
Delta R.T. 0.00 min

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





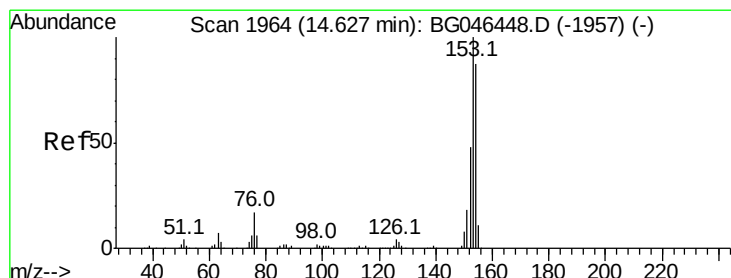
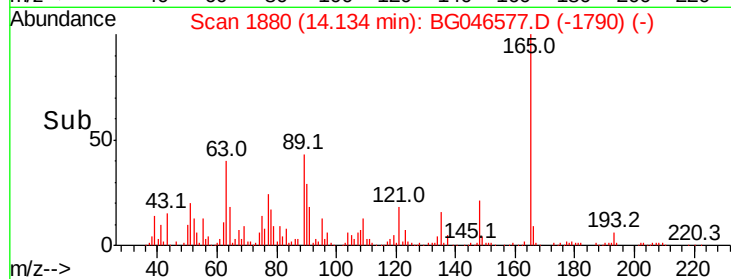
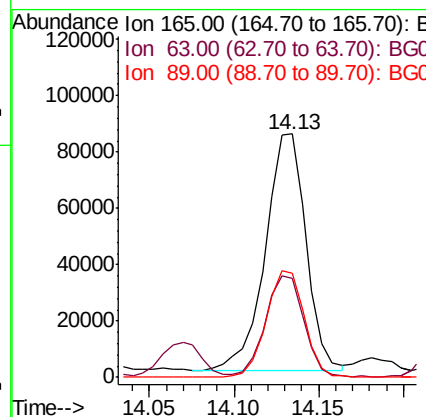
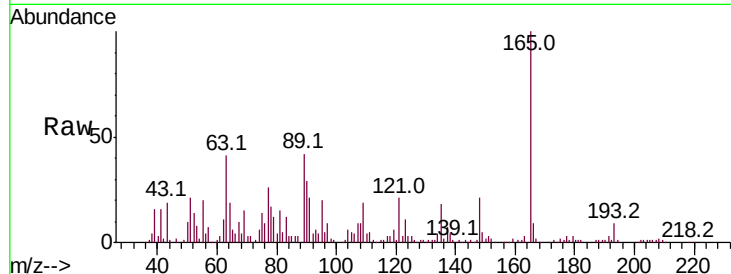
#51
2,6-Dinitrotoluene
Concen: 43.046 ng
RT: 14.13 min Scan# 1880
Delta R.T. 0.00 min
Lab File: BG046577.D
Acq: 9 Sep 2020 17:57

Instrument :
BNA_G
ClientSampleId :
VNJ-218MS

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

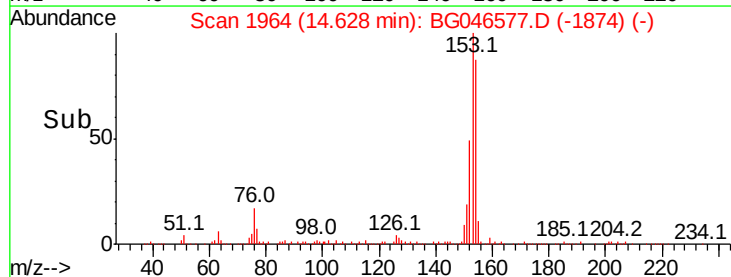
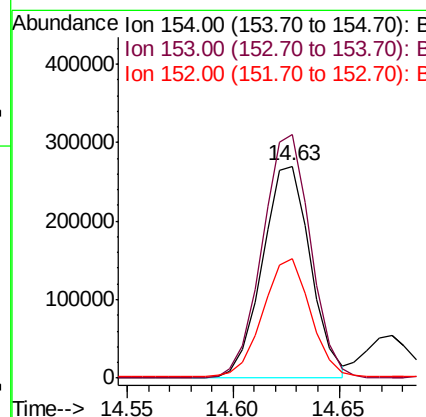
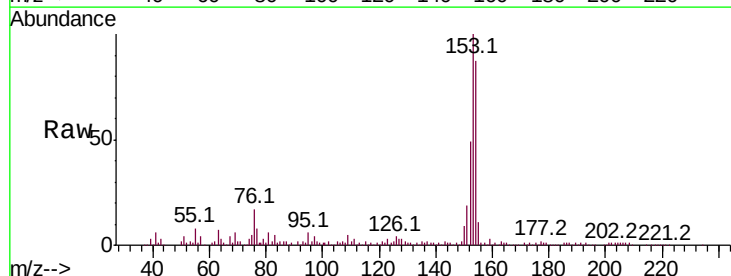
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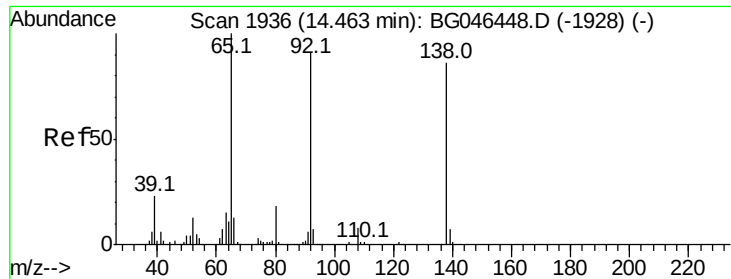
mohammad
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#52
Acenaphthene
Concen: 40.088 ng
RT: 14.63 min Scan# 1964
Delta R.T. 0.00 min
Lab File: BG046577.D
Acq: 9 Sep 2020 17:57

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





#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#

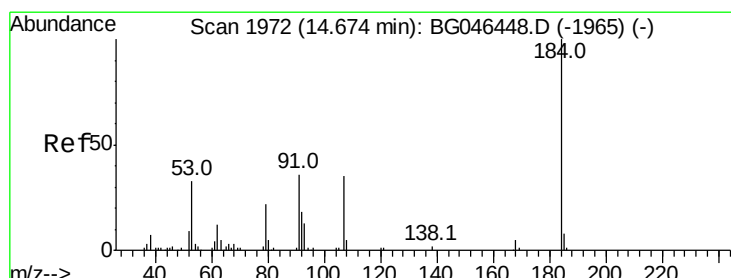
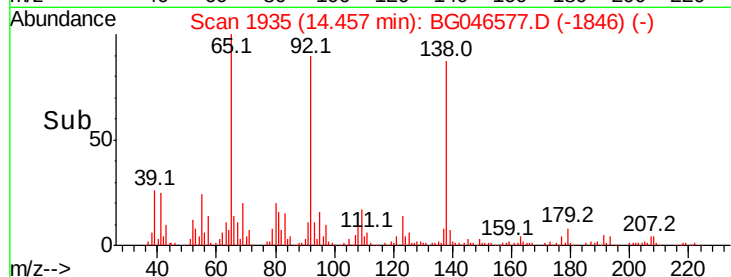
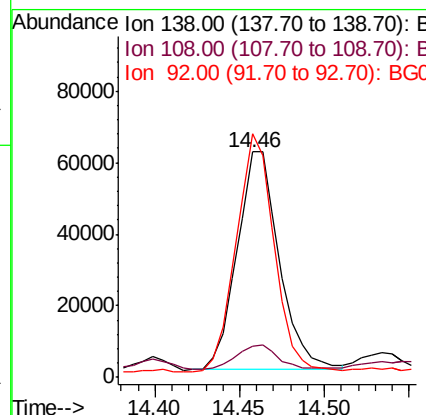
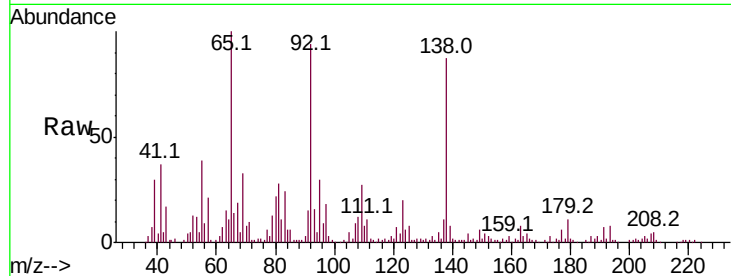
92 107.9 84.6 127.0

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#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

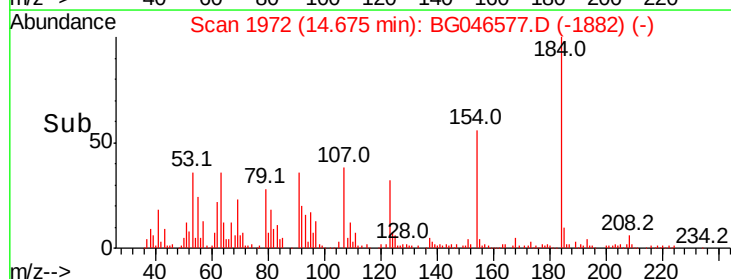
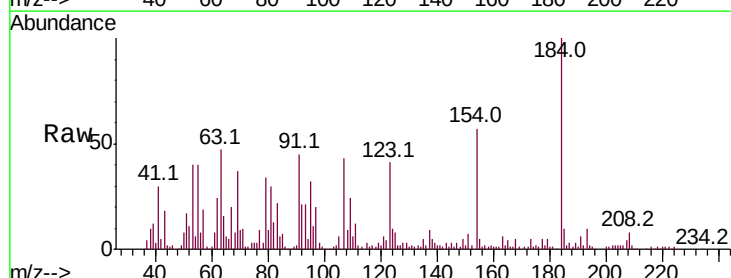
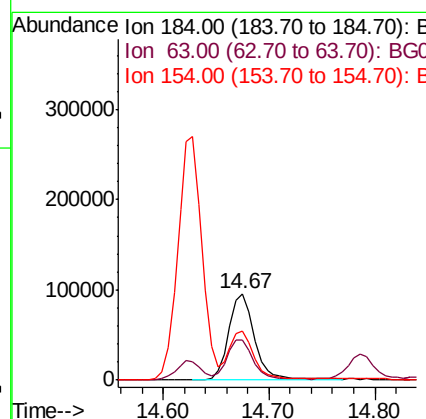
Tgt Ion:184 Resp: 163292

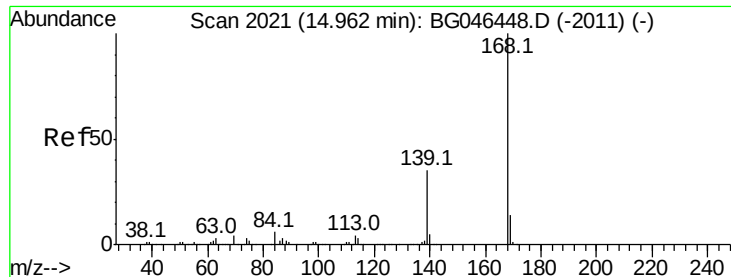
Ion Ratio Lower Upper

184 100

63 47.0 35.6 53.4

154 56.5 44.3 66.5





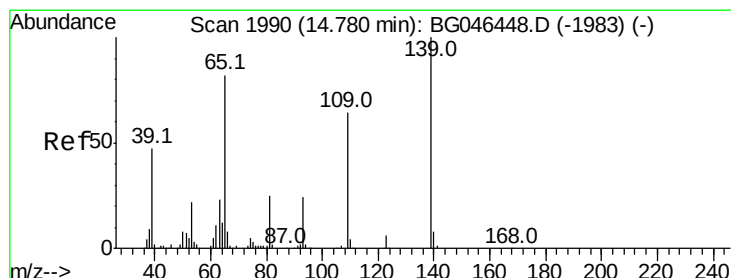
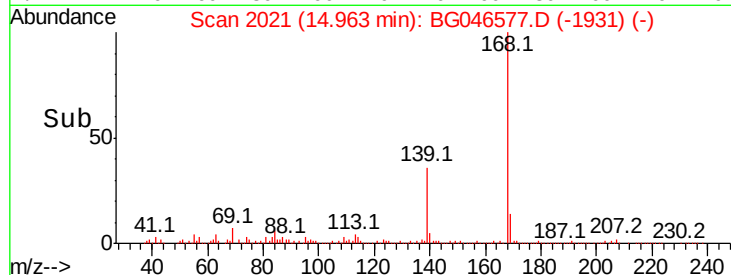
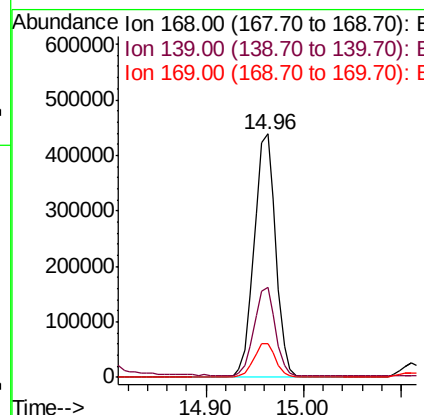
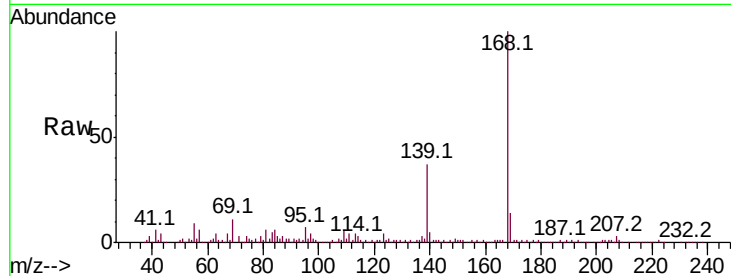
#55
Dibenzofuran
Concen: 39.837 ng
RT: 14.96 min Scan# 2021
Delta R.T. 0.00 min
Lab File: BG046577.D
Acq: 9 Sep 2020 17:57

Instrument :
BNA_G
ClientSampled :
VNJ-218MS

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

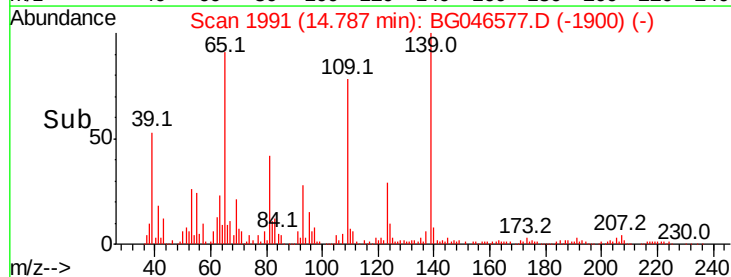
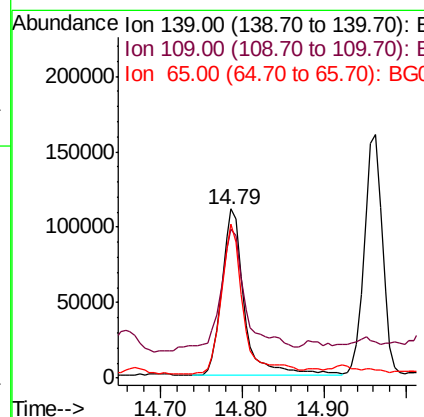
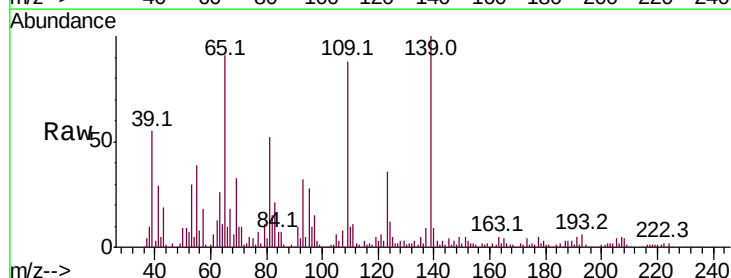
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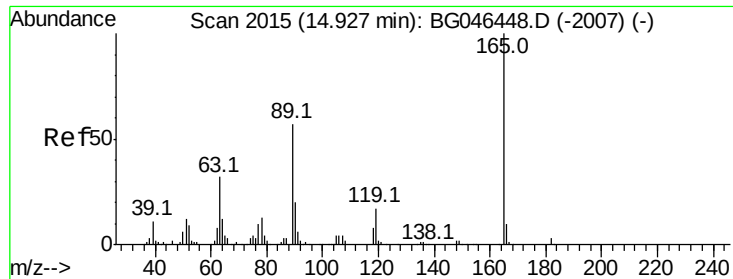
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#56
4-Nitrophenol
Concen: 79.869 ng
RT: 14.79 min Scan# 1991
Delta R.T. 0.01 min
Lab File: BG046577.D
Acq: 9 Sep 2020 17:57

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





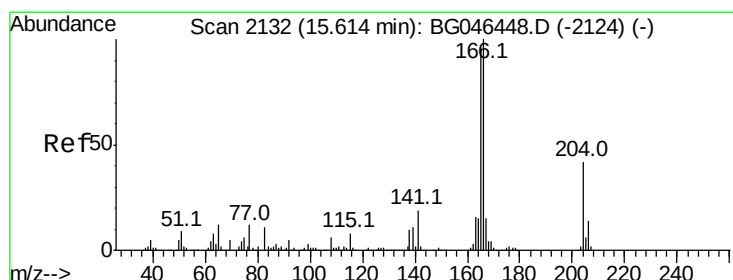
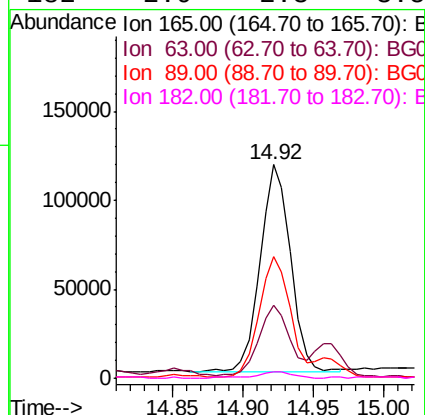
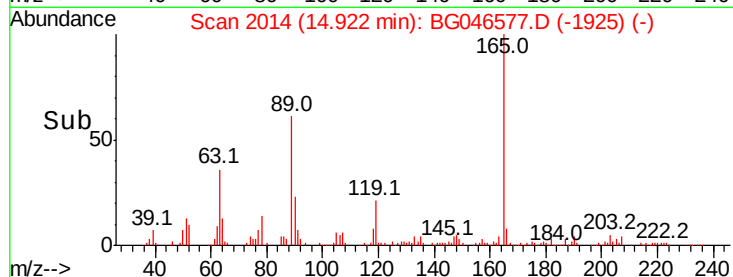
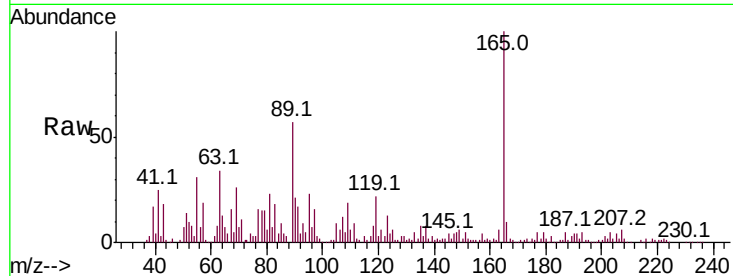
#57
2,4-Dinitrotoluene
Concen: 37.815 ng
RT: 14.92 min Scan# 2014
Delta R.T. -0.00 min
Lab File: BG046577.D
Acq: 9 Sep 2020 17:57

Instrument :
BNA_G
ClientSampleId :
VNJ-218MS

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

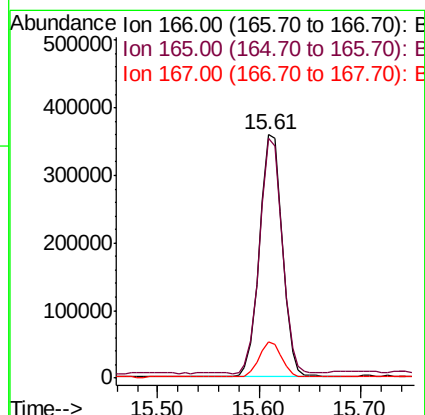
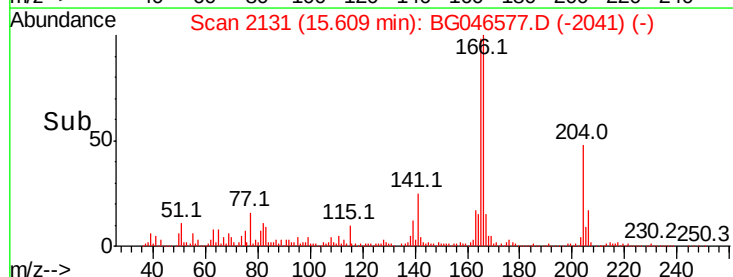
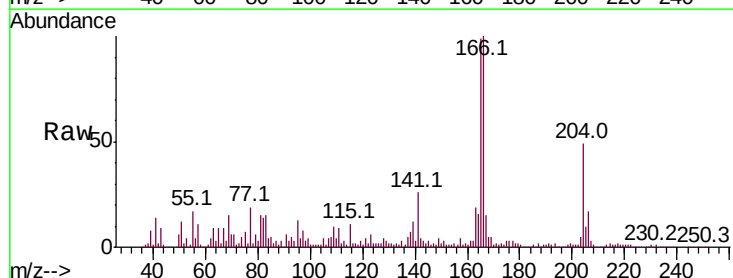
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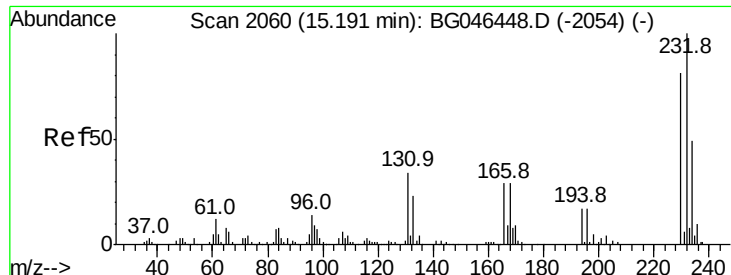
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#58
Fluorene
Concen: 39.029 ng
RT: 15.61 min Scan# 2131
Delta R.T. 0.00 min
Lab File: BG046577.D
Acq: 9 Sep 2020 17:57

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





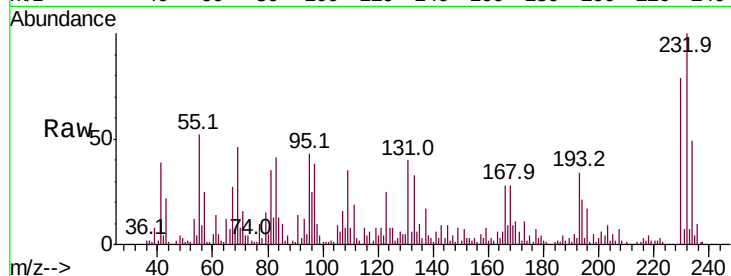
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 39.585 ng
 RT: 15.19 min Scan# 2060
 Delta R.T. 0.00 min
 Lab File: BG046577.D
 Acq: 9 Sep 2020 17:57

Instrument :
 BNA_G
 ClientSampleId :
 VNJ-218MS

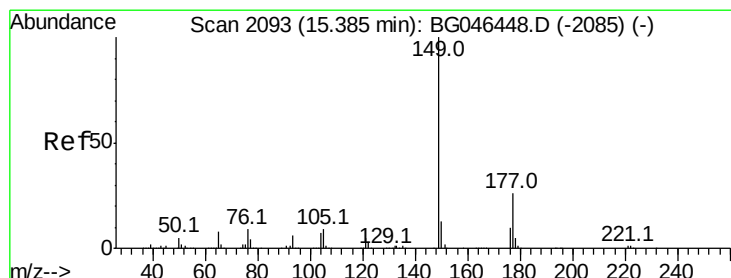
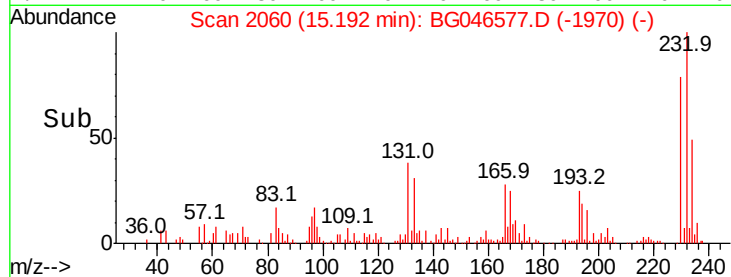
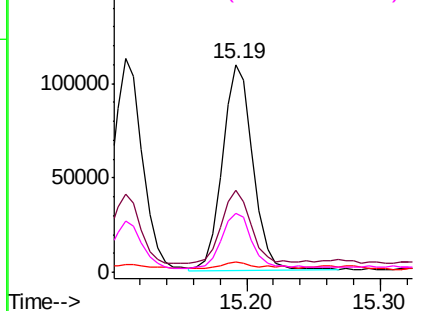
Tot Ion	Ratio	Resp	Lower	Upper
232	100	172307		
131	34.2	26.8	40.2	
130	4.4	1.4	2.2	
166	27.7	22.8	34.2	

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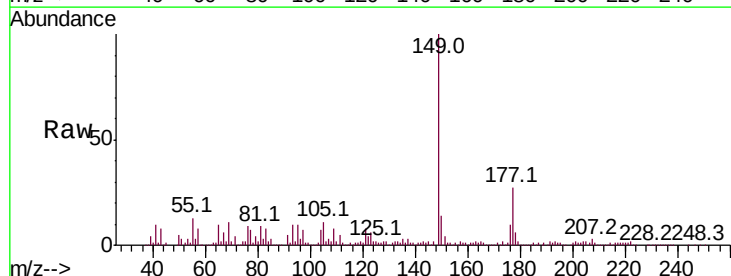


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

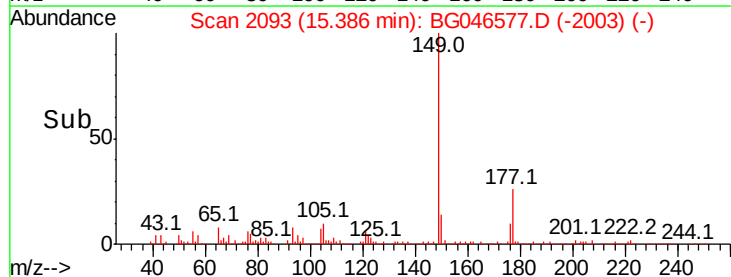
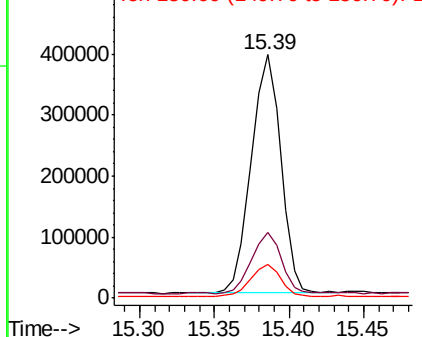


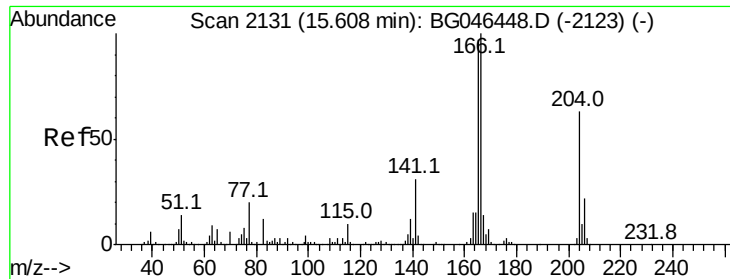
#60
 Diethylphthalate
 Concen: 37.113 ng
 RT: 15.39 min Scan# 2093
 Delta R.T. 0.00 min
 Lab File: BG046577.D
 Acq: 9 Sep 2020 17:57

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	536697		
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





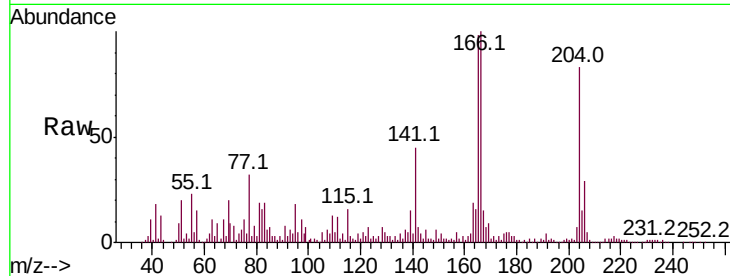
#61
4-Chlorophenyl-phenylether
Concen: 39.774 ng
RT: 15.60 min Scan# 2130
Delta R.T. 0.00 min
Lab File: BG046577.D
Acq: 9 Sep 2020 17:57

Instrument :
BNA_G
ClientSampled :
VNJ-218MS

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

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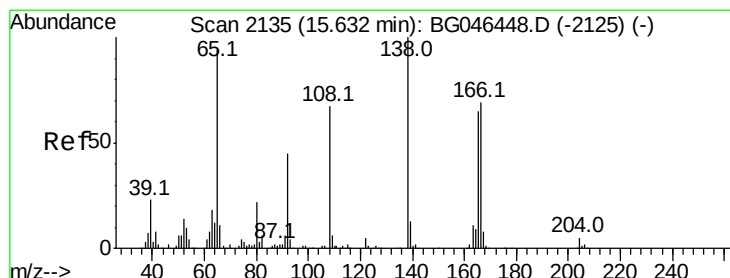
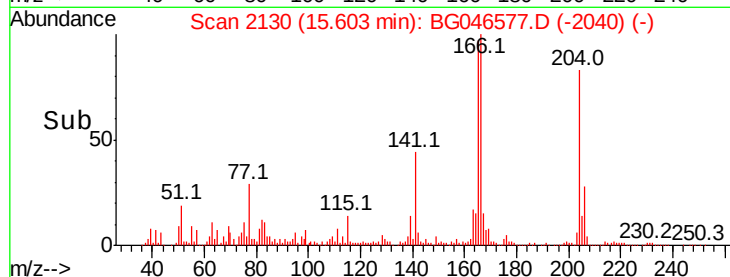
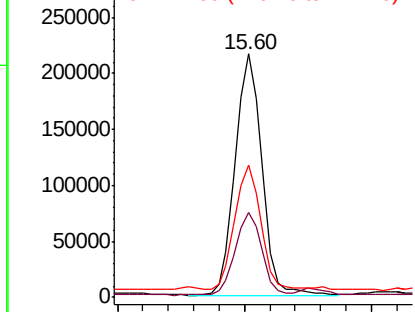


Abundance

Ion 204.00 (203.70 to 204.70): E

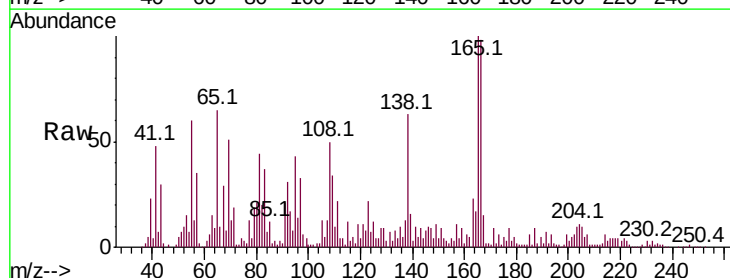
Ion 206.00 (205.70 to 206.70): E

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	Resp	Lower	Upper
138	100			
92	48.4	25.3	65.3	
108	78.2	46.7	86.7	

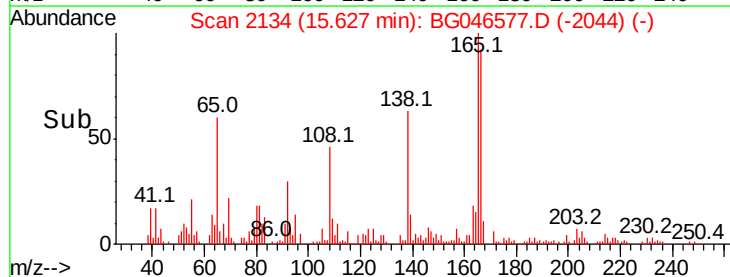
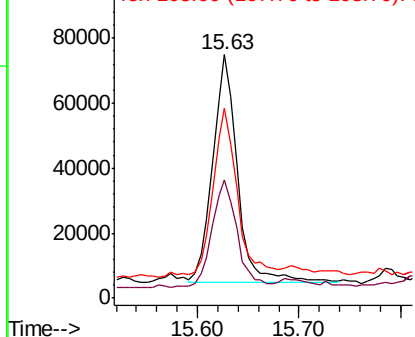


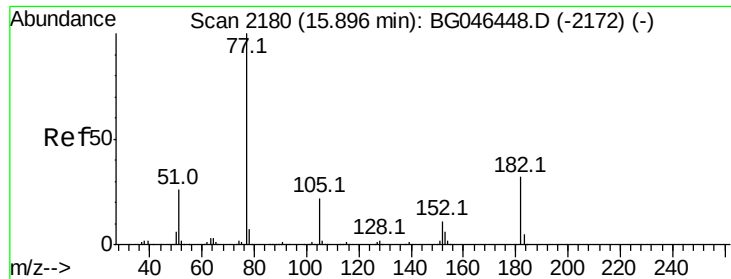
Abundance

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





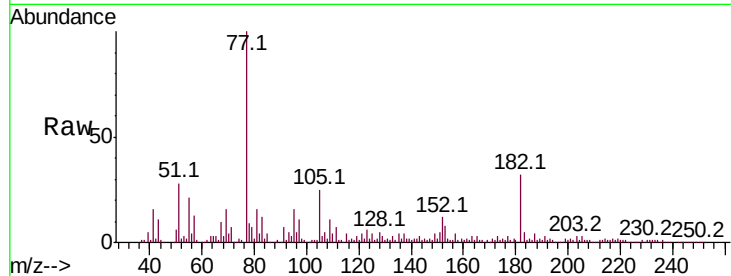
#63
Azobenzene
Concen: 40.182 ng
RT: 15.90 min Scan# 2180
Delta R.T. 0.00 min
Lab File: BG046577.D
Acq: 9 Sep 2020 17:57

Instrument :
BNA_G
ClientSampleId :
VNJ-218MS

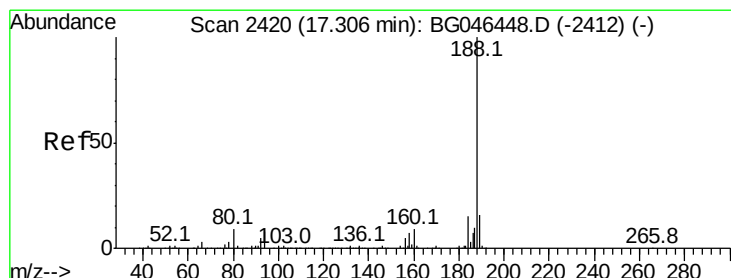
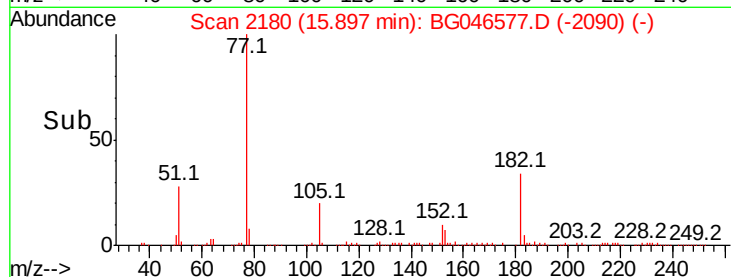
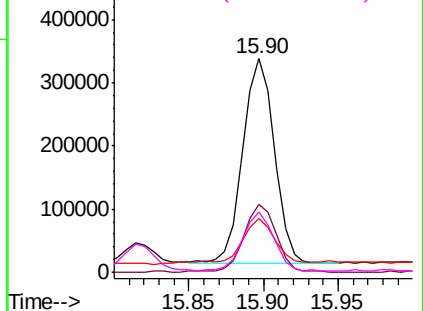
Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		472675		
182	32.0	12.3	52.3		
105	24.9	2.3	42.3		
51	28.1	6.5	46.5		

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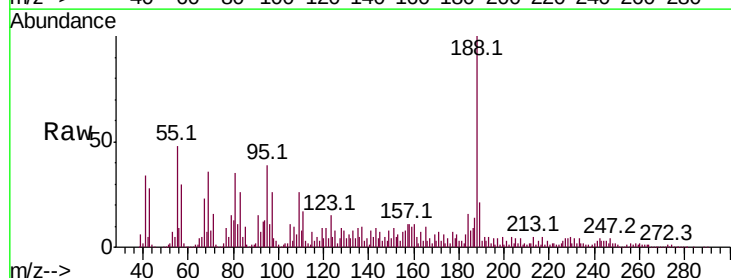


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

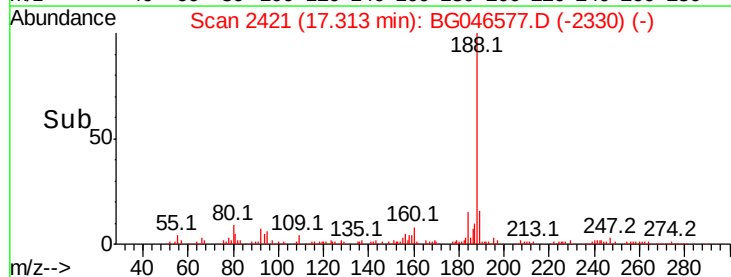
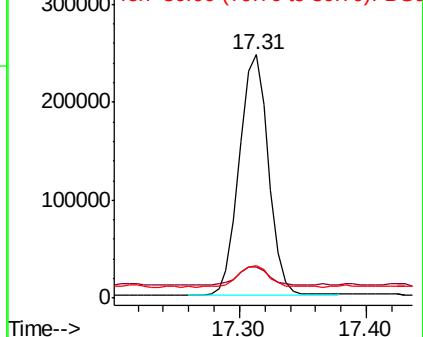


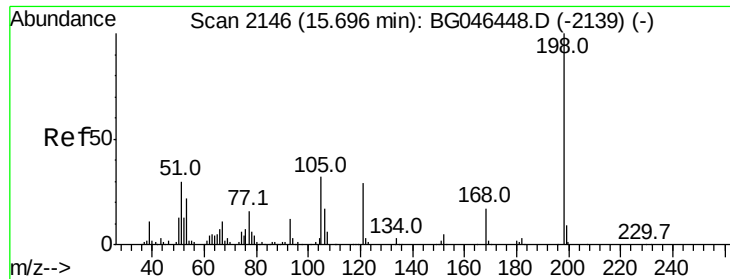
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.31 min Scan# 2421
Delta R.T. 0.01 min
Lab File: BG046577.D
Acq: 9 Sep 2020 17:57

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		391075		
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





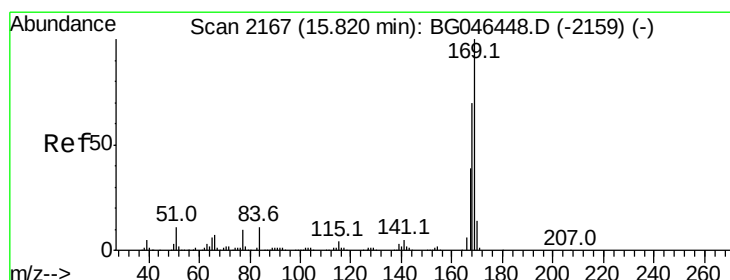
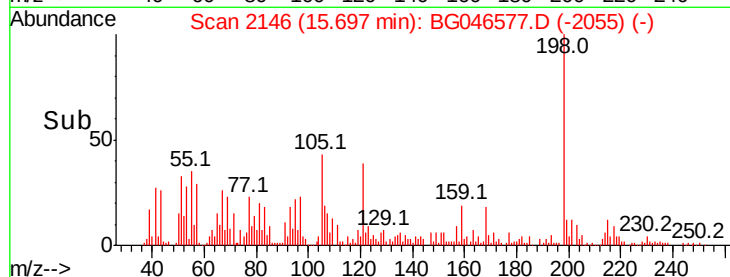
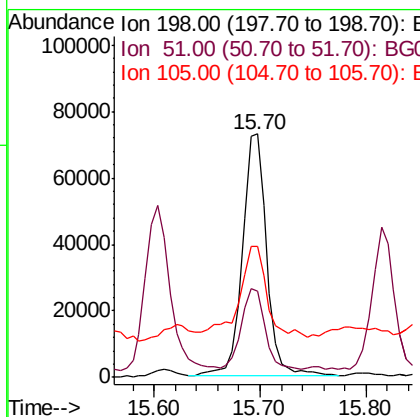
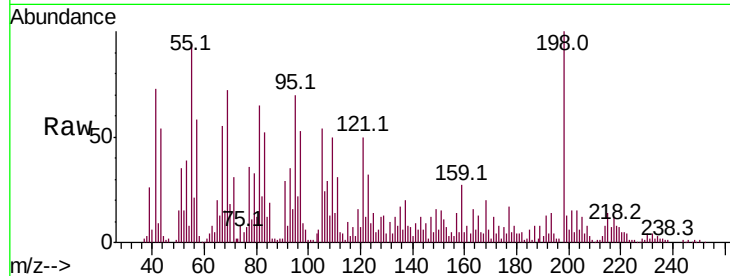
#65
4,6-Dinitro-2-methylphenol
Concen: 52.253 ng
RT: 15.70 min Scan# 2146
Delta R.T. 0.01 min
Lab File: BG046577.D
Acq: 9 Sep 2020 17:57

Instrument :
BNA_G
ClientSampleID :
VNJ-218MS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	115663		
51	35.4	10.4	50.4	
105	53.5	12.4	52.4	

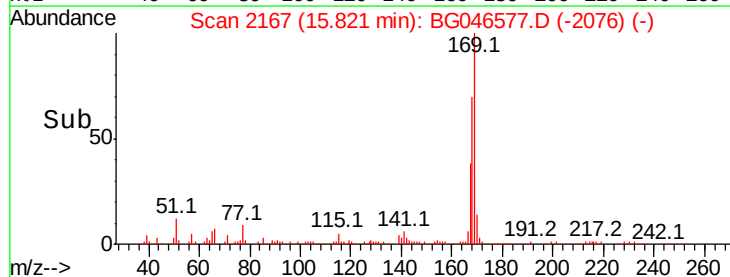
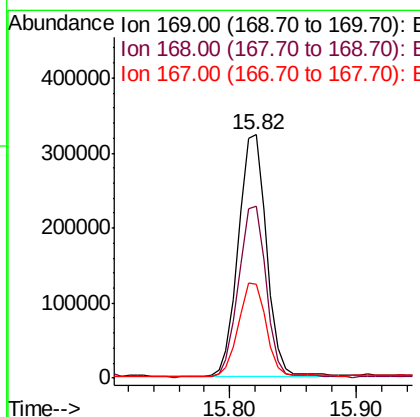
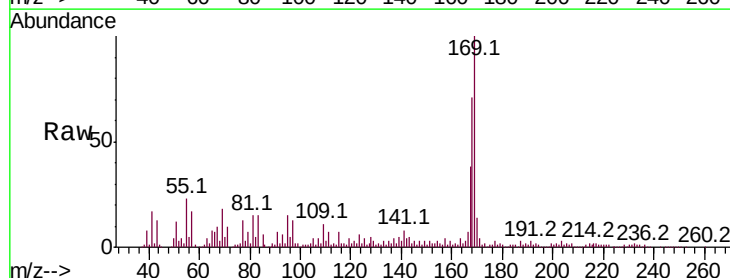
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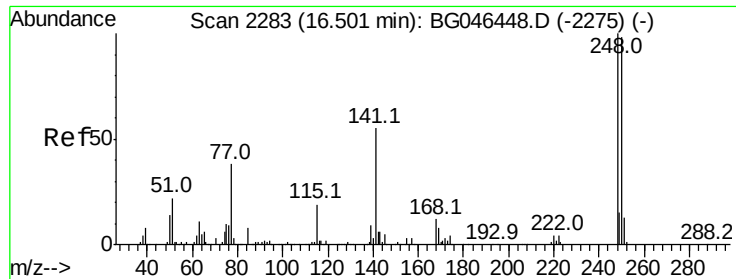
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#66
n-Nitrosodiphenylamine
Concen: 47.282 ng
RT: 15.82 min Scan# 2167
Delta R.T. 0.01 min
Lab File: BG046577.D
Acq: 9 Sep 2020 17:57

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	498847		
168	70.6	55.8	83.8	
167	38.4	31.0	46.6	





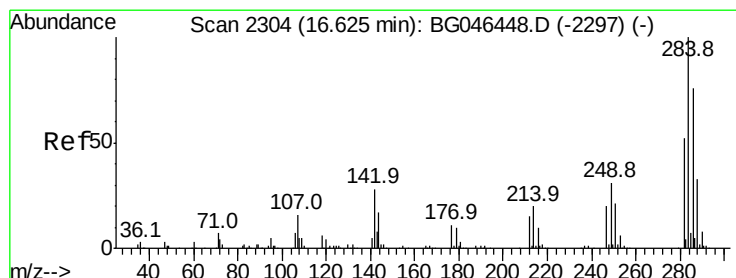
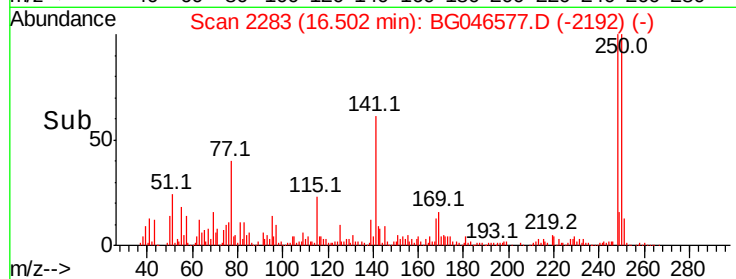
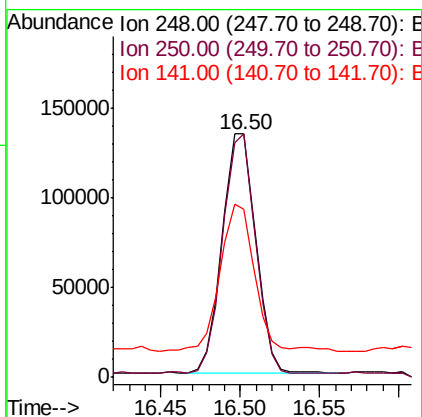
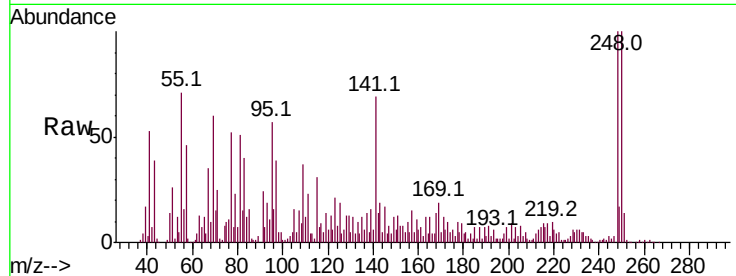
#67
4-Bromophenyl-phenylether
Concen: 42.842 ng
RT: 16.50 min Scan# 2283
Delta R.T. 0.01 min
Lab File: BG046577.D
Acq: 9 Sep 2020 17:57

Instrument :
BNA_G
ClientSampleId :
VNJ-218MS

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

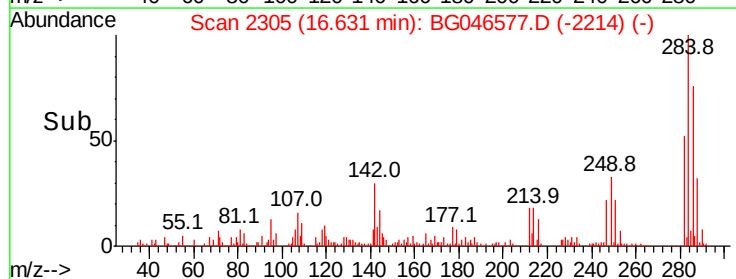
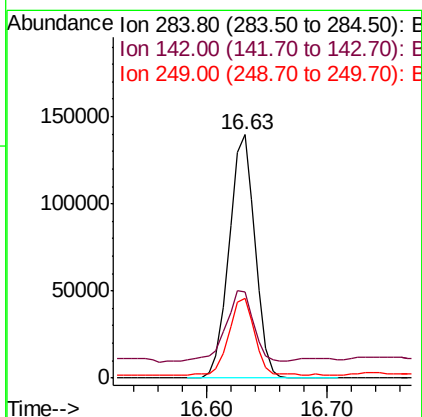
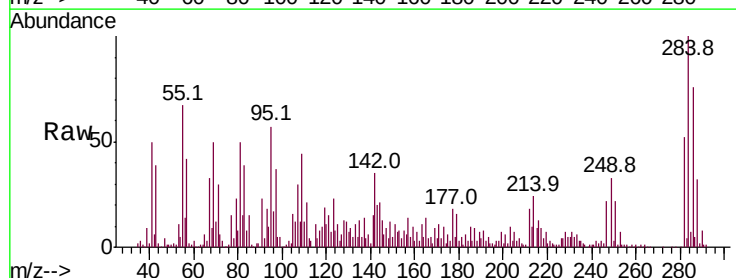
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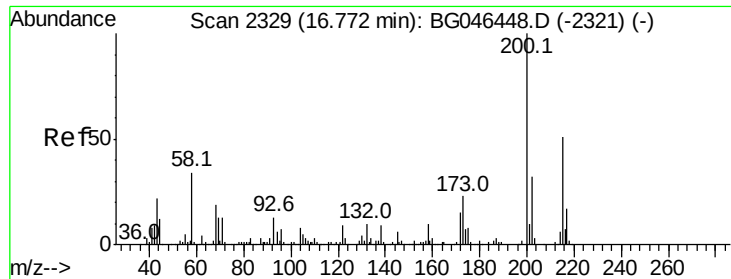
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#68
Hexachlorobenzene
Concen: 41.129 ng
RT: 16.63 min Scan# 2305
Delta R.T. 0.01 min
Lab File: BG046577.D
Acq: 9 Sep 2020 17:57

Tgt Ion	Ratio	Resp	Lower	Upper
284	100			
142	35.2	22.3	33.5	
249	32.6	24.8	37.2	





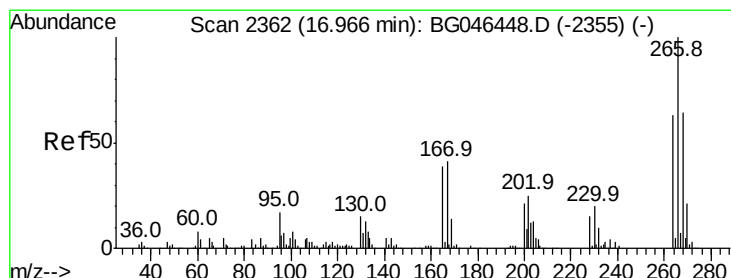
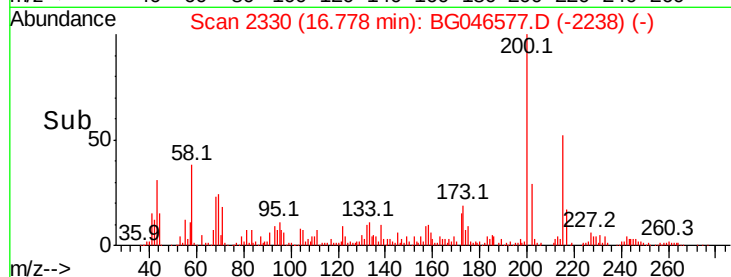
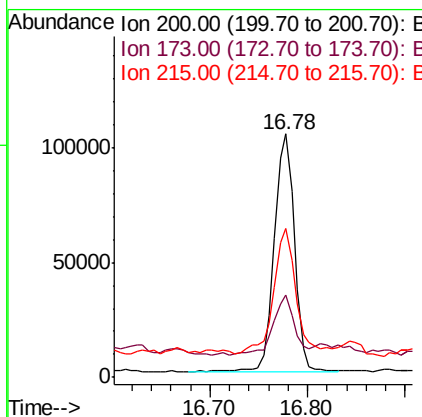
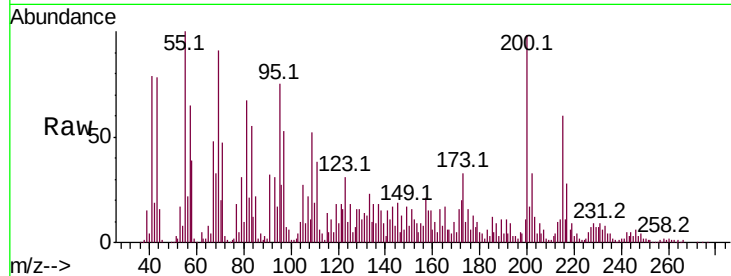
#69
Atrazine
Concen: 35.196 ng
RT: 16.78 min Scan# 2330
Delta R.T. 0.01 min
Lab File: BG046577.D
Acq: 9 Sep 2020 17:57

Instrument :
BNA_G
ClientSampleId :
VNJ-218MS

Tot Ion	Ratio	Resp	Lower	Upper
200	100	151485		
173	33.9	3.3	43.3	
215	61.0	30.9	70.9	

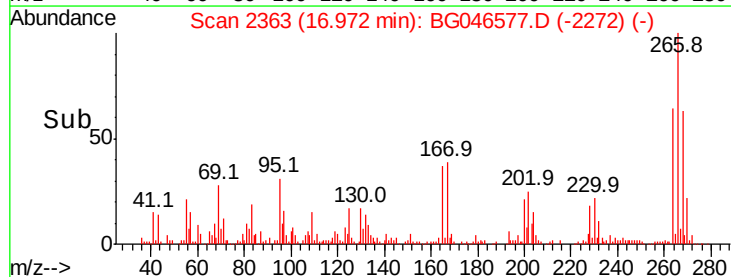
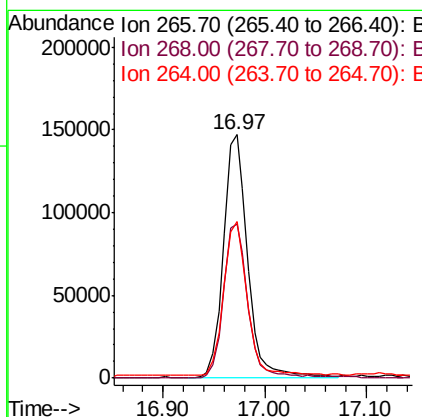
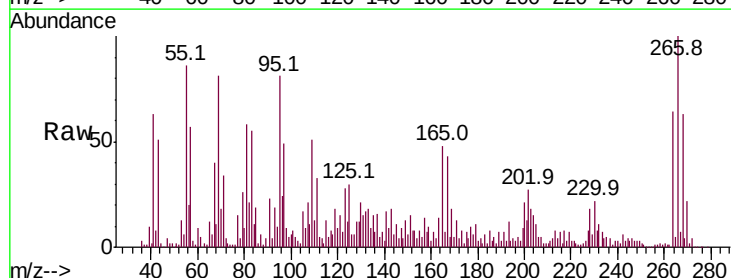
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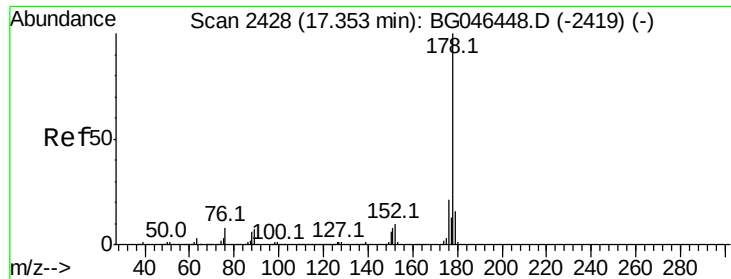
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#70
Pentachlorophenol
Concen: 91.351 ng
RT: 16.97 min Scan# 2363
Delta R.T. 0.01 min
Lab File: BG046577.D
Acq: 9 Sep 2020 17:57

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	241174		
268	63.3	51.1	76.7	
264	64.1	50.2	75.2	





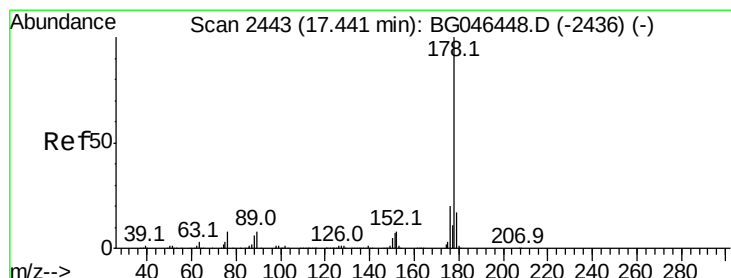
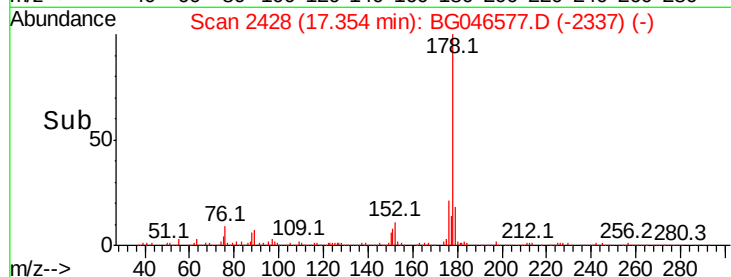
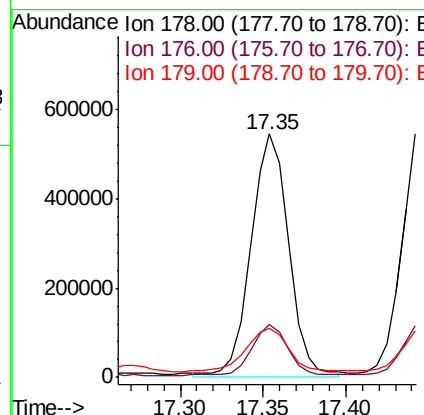
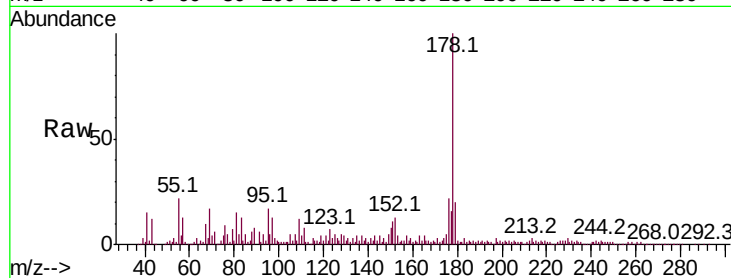
#71
Phenanthrene
Concen: 43.716 ng m
RT: 17.35 min Scan# 2428
Delta R.T. 0.01 min
Lab File: BG046577.D
Acq: 9 Sep 2020 17:57

Instrument :
BNA_G
ClientSampleId :
VNJ-218MS

Tot Ion	Ratio	Lower	Upper
178	100		
176	21.6	16.8	25.2
179	20.3	13.2	19.8

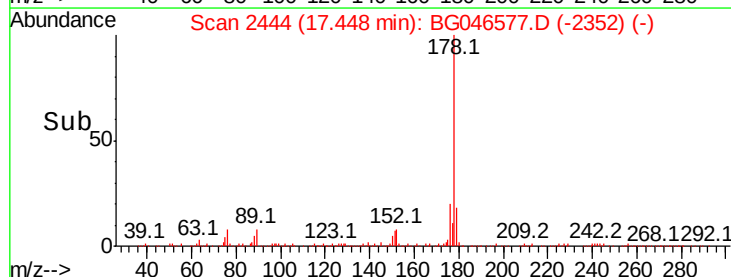
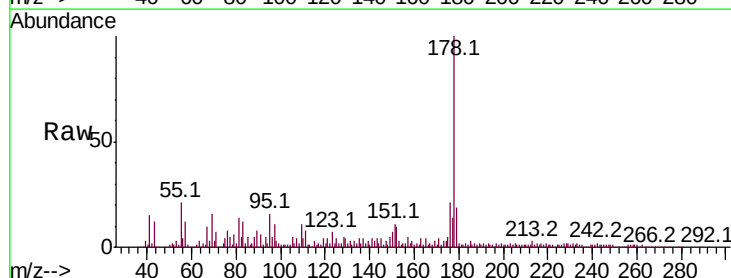
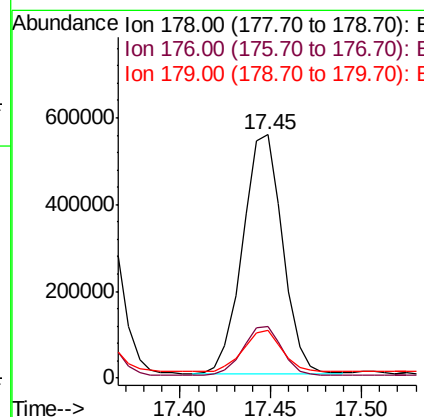
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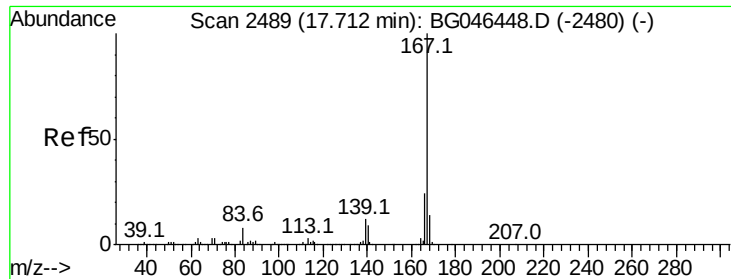
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#72
Anthracene
Concen: 43.144 ng
RT: 17.45 min Scan# 2444
Delta R.T. 0.01 min
Lab File: BG046577.D
Acq: 9 Sep 2020 17:57

Tgt Ion	Ratio	Lower	Upper
178	100		
176	21.0	16.1	24.1
179	19.4	13.3	19.9





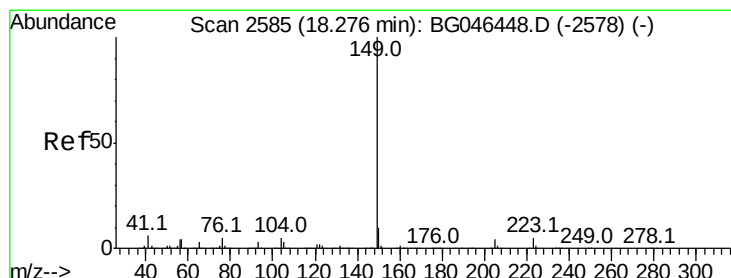
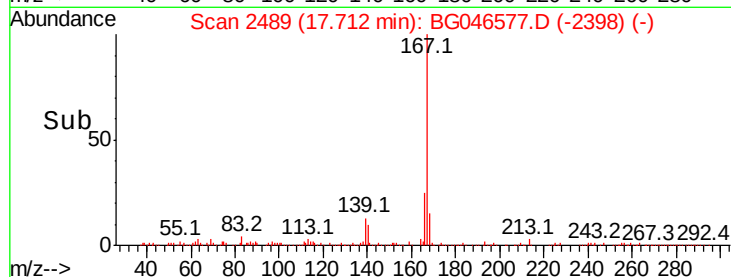
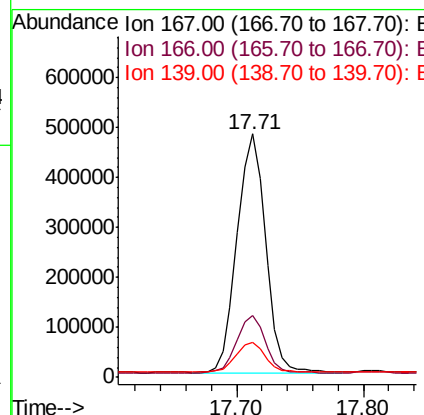
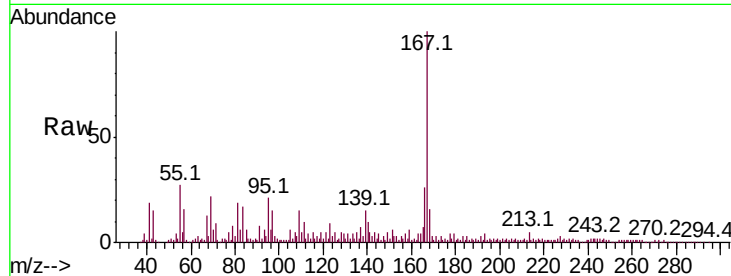
#73
 Carbazole
 Concen: 40.407 ng
 RT: 17.71 min Scan# 2489
 Delta R.T. 0.01 min
 Lab File: BG046577.D
 Acq: 9 Sep 2020 17:57

Instrument :
 BNA_G
 ClientSampleId :
 VNJ-218MS

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

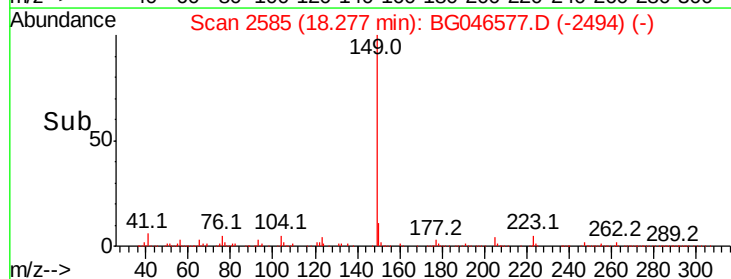
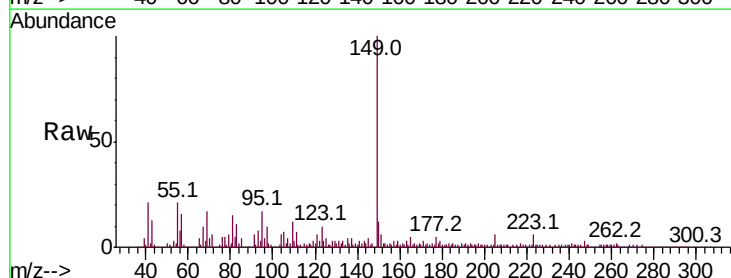
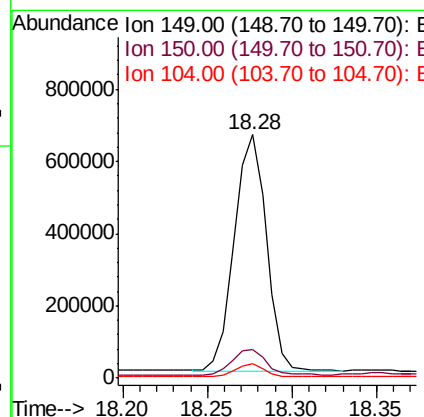
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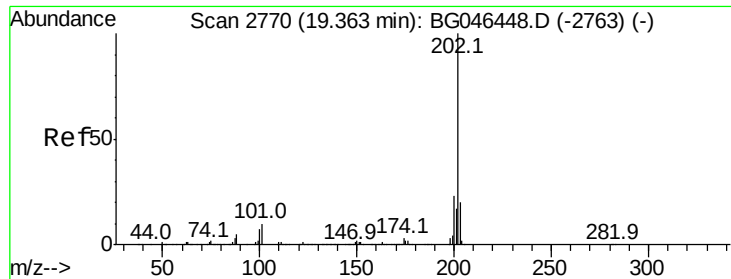
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#74
 Di-n-butylphthalate
 Concen: 40.688 ng
 RT: 18.28 min Scan# 2585
 Delta R.T. 0.01 min
 Lab File: BG046577.D
 Acq: 9 Sep 2020 17:57

Tgt Ion	Ratio	Resp	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

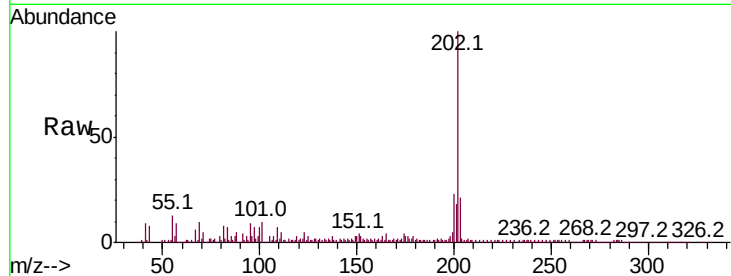
ClientSampleId :

VNJ-218MS

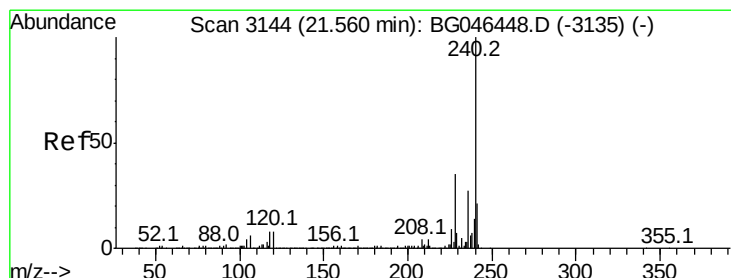
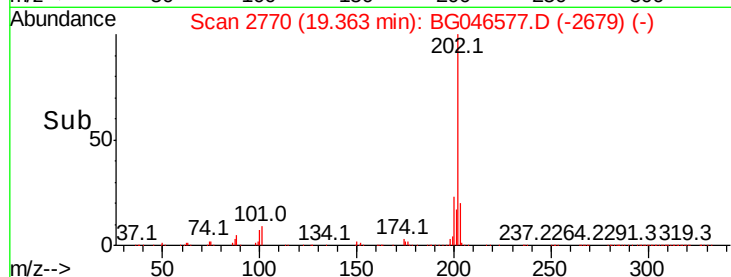
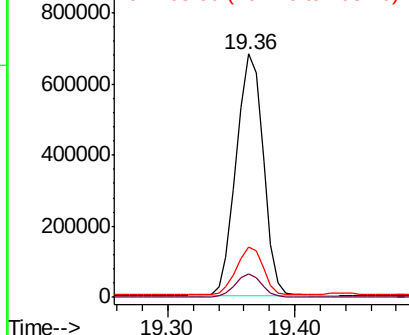
Tot Ion	Ratio	Resp	Lower	Upper
202	100	1006056		
101	9.6		0.0	29.9
203	20.7		0.0	40.0

Manual Integrations
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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

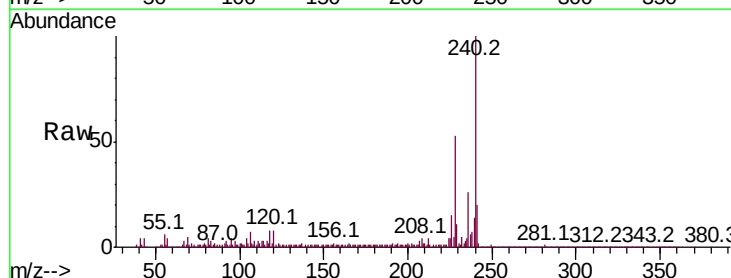
RT: 21.56 min Scan# 3143

Delta R.T. 0.00 min

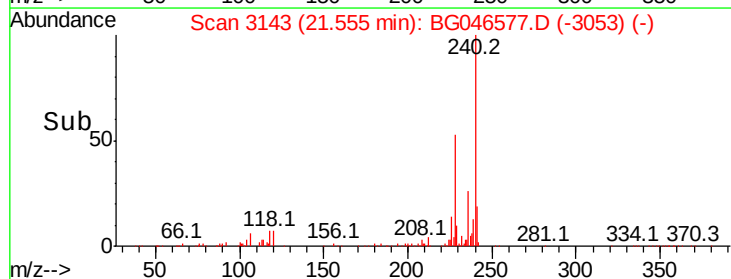
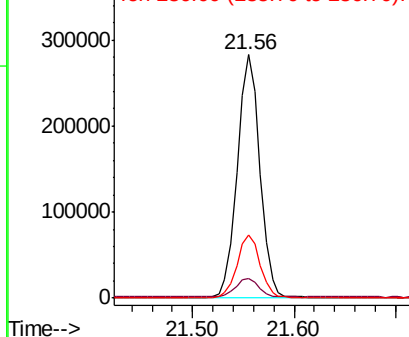
Lab File: BG046577.D

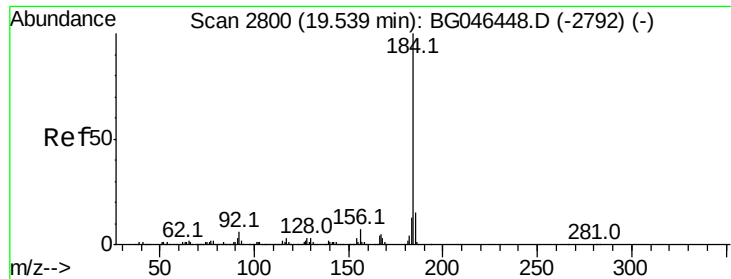
Acq: 9 Sep 2020 17:57

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	435849		
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

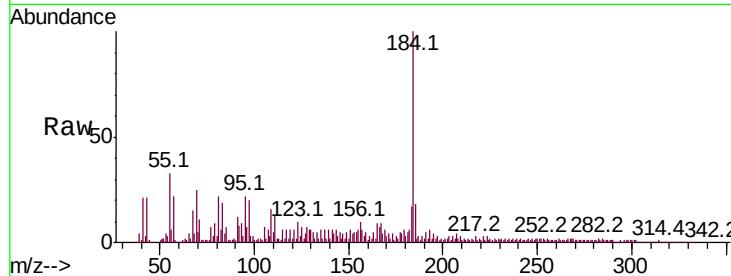
ClientSampleId :

VNJ-218MS

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
185	17.9	11.8	17.8#	
183	16.9	10.7	16.1#	

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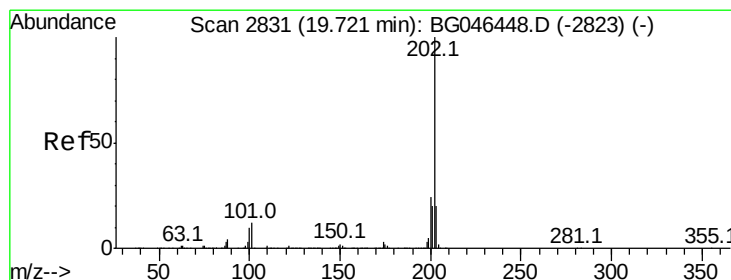
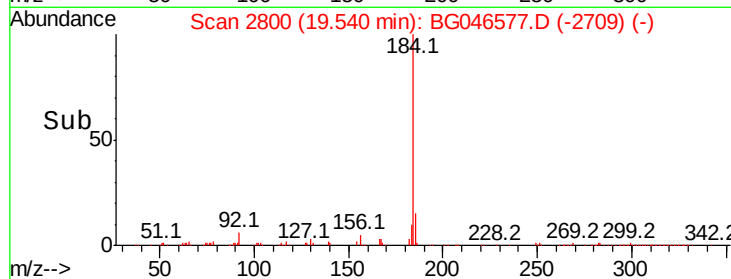
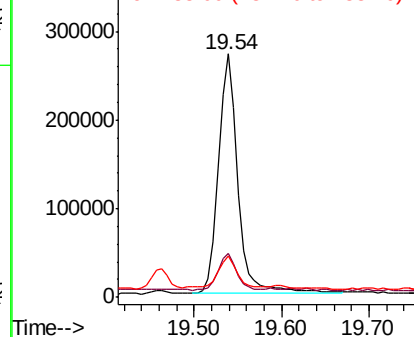


Abundance

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

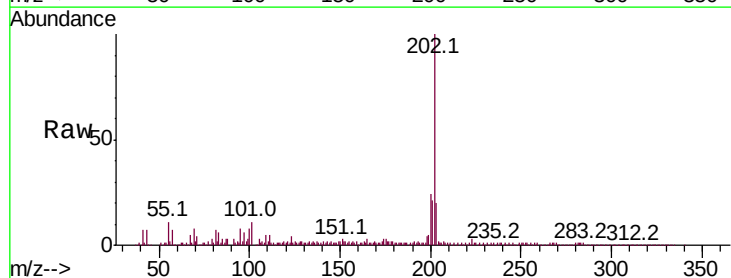
RT: 19.73 min Scan# 2832

Delta R.T. 0.01 min

Lab File: BG046577.D

Acq: 9 Sep 2020 17:57

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

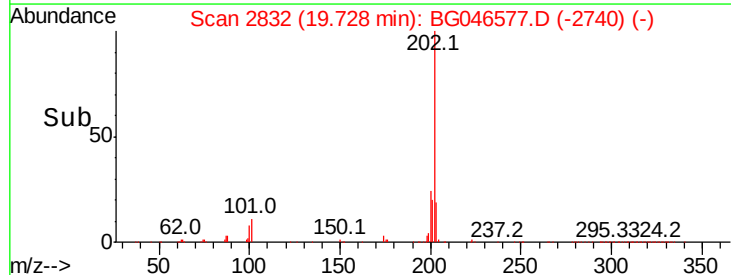
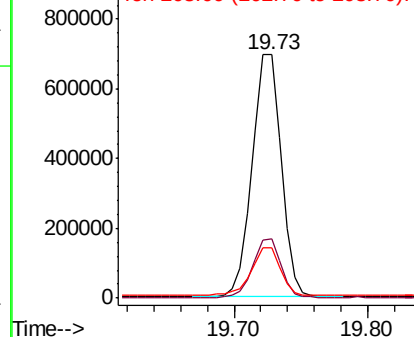


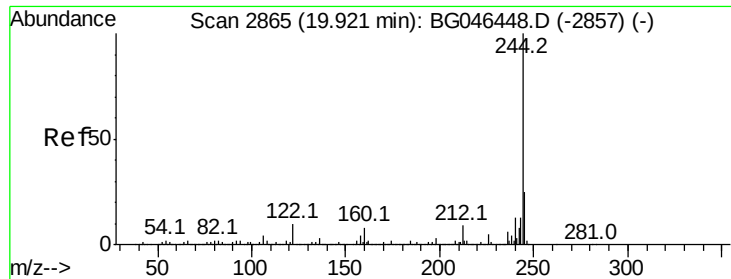
Abundance

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

ClientSampleId :

VNJ-218MS

Tot Ion:244 Resp: 1091524

Ion Ratio Lower Upper

244 100

212 8.4 6.9 10.3

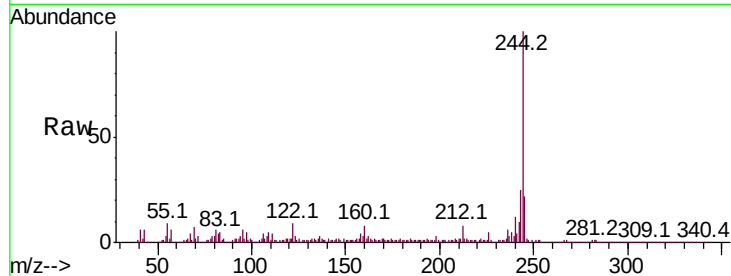
122 9.4 8.2 12.4

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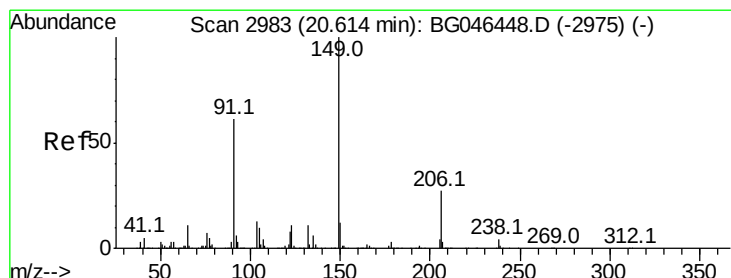
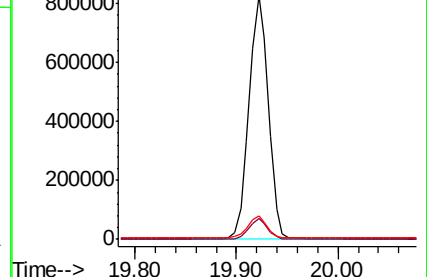
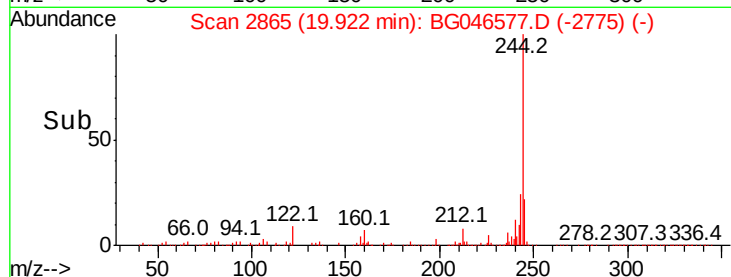
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Abundance Ion 244.00 (243.70 to 244.70): E

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

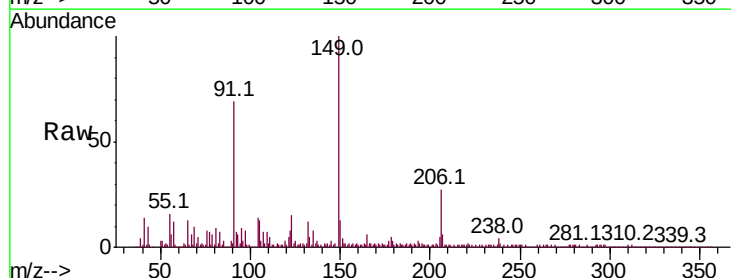
Tgt Ion:149 Resp: 415877

Ion Ratio Lower Upper

149 100

91 68.6 49.1 73.7

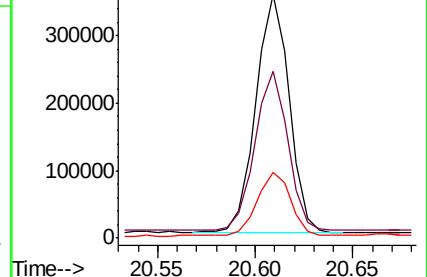
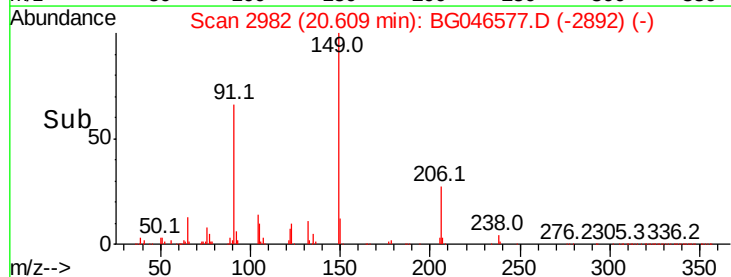
206 26.8 21.9 32.9

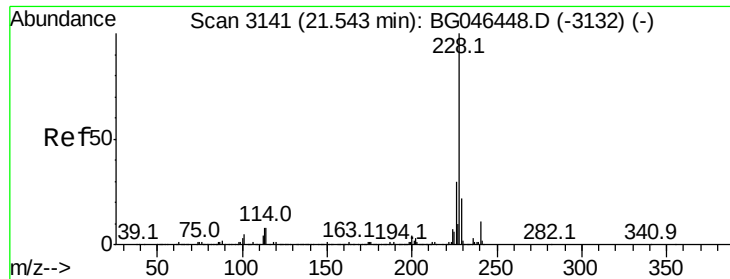


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





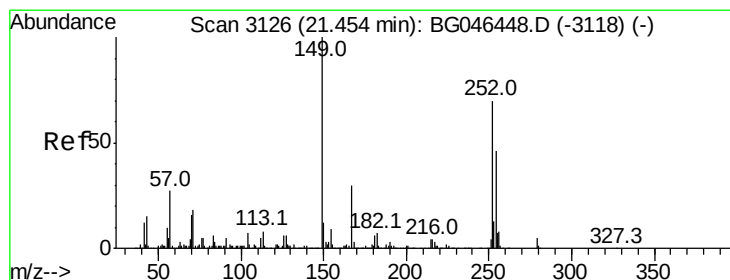
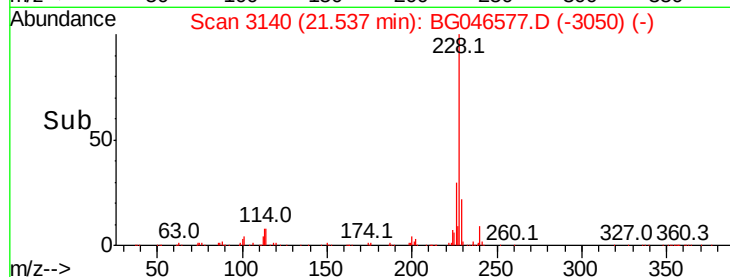
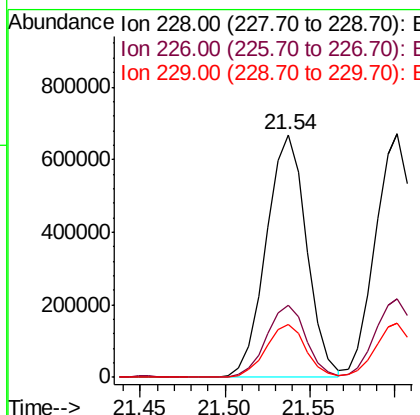
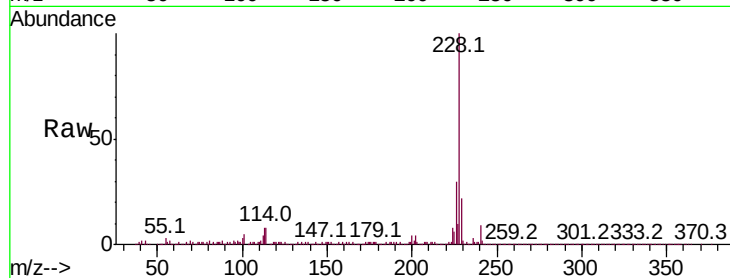
#81
Benzo(a)anthracene
Concen: 40.674 ng
RT: 21.54 min Scan# 3140
Delta R.T. 0.00 min
Lab File: BG046577.D
Acq: 9 Sep 2020 17:57

Instrument :
BNA_G
ClientSampleId :
VNJ-218MS

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

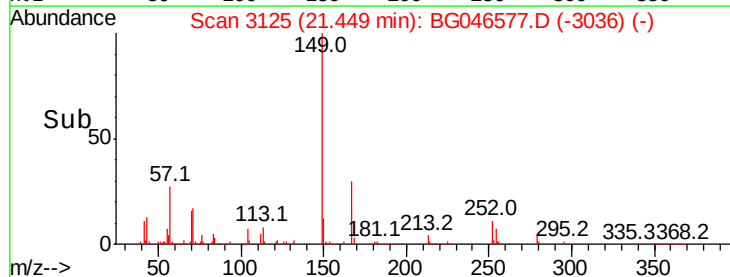
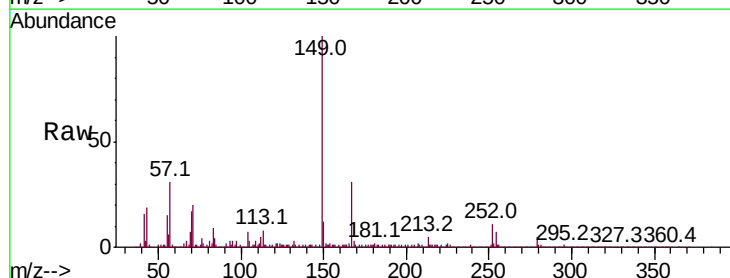
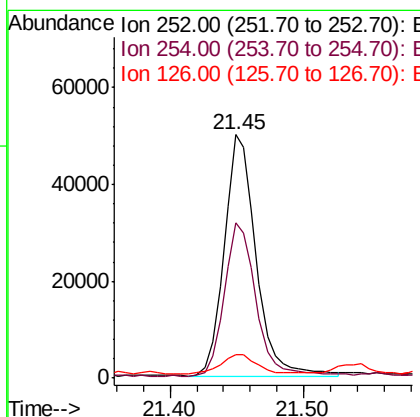
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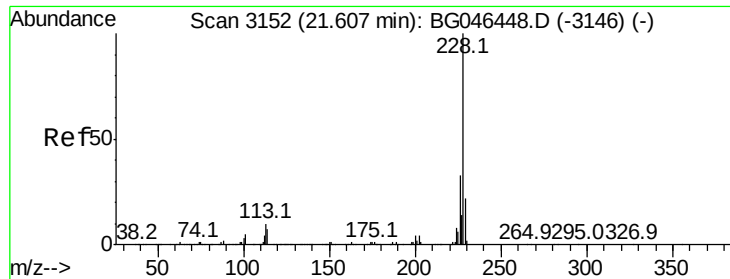
mohammad
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#82
3,3'-Dichlorobenzidine
Concen: 8.265 ng
RT: 21.45 min Scan# 3125
Delta R.T. -0.00 min
Lab File: BG046577.D
Acq: 9 Sep 2020 17:57

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





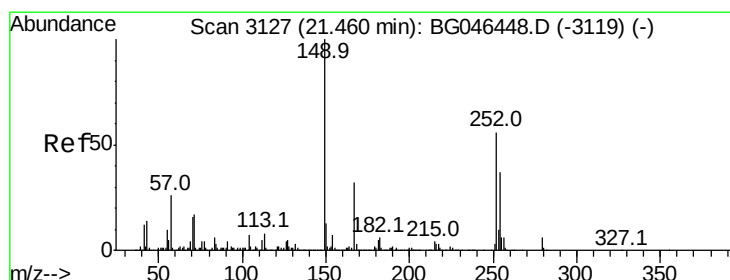
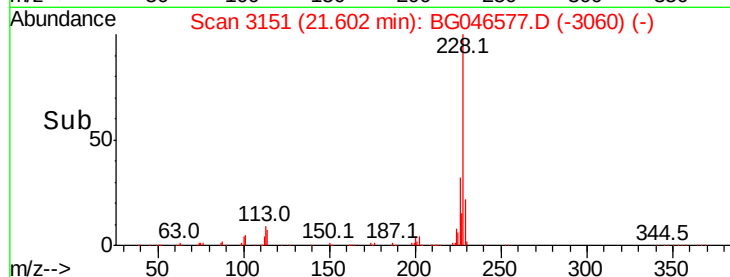
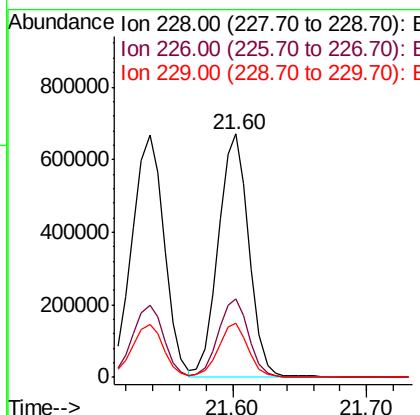
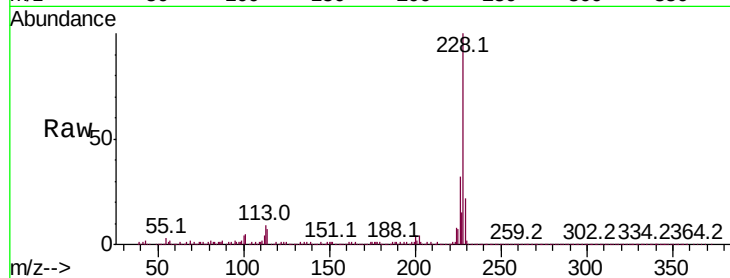
#83
 Chrysene
 Concen: 41.043 ng
 RT: 21.60 min Scan# 3151
 Delta R.T. 0.01 min
 Lab File: BG046577.D
 Acq: 9 Sep 2020 17:57

Instrument :
 BNA_G
 ClientSampleId :
 VNJ-218MS

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

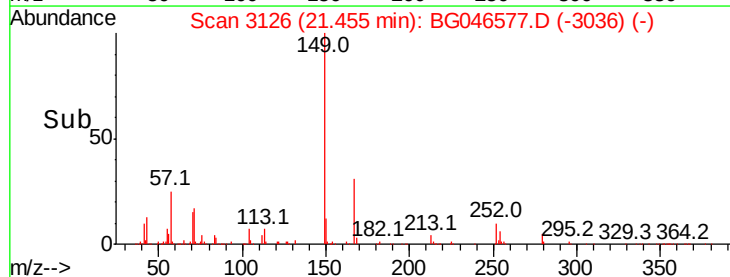
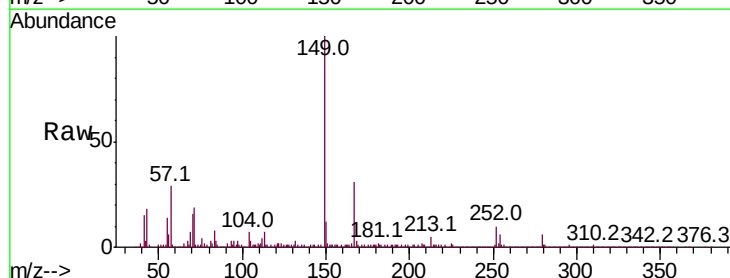
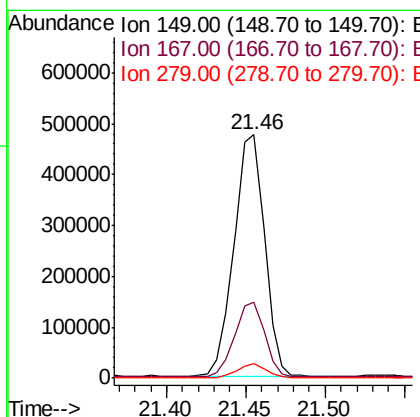
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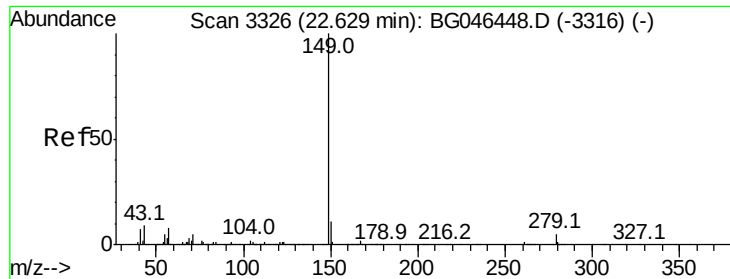
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 42.795 ng
 RT: 21.46 min Scan# 3126
 Delta R.T. 0.00 min
 Lab File: BG046577.D
 Acq: 9 Sep 2020 17:57

Tgt Ion	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

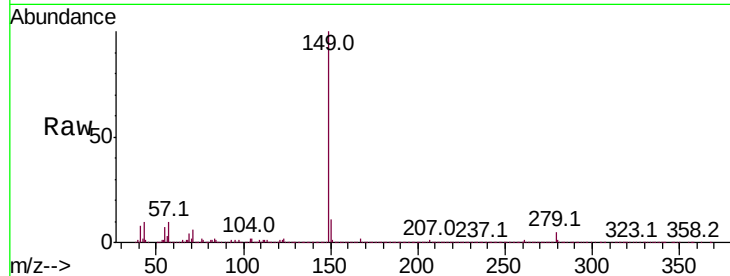
43 9.1 7.0 10.4

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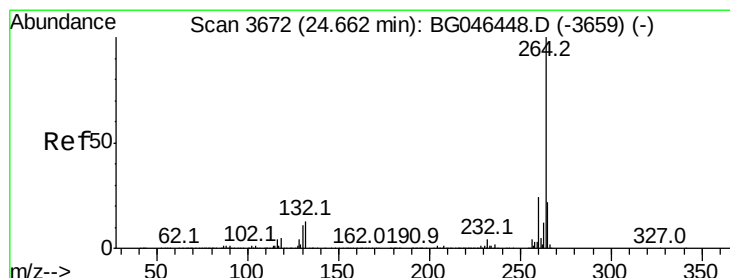
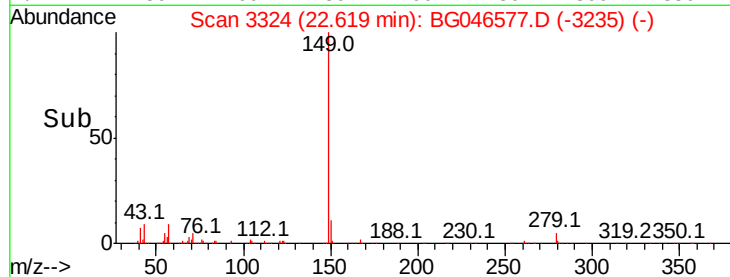
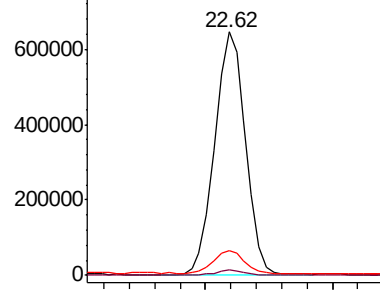
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Abundance Ion 149.00 (148.70 to 149.70): E

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

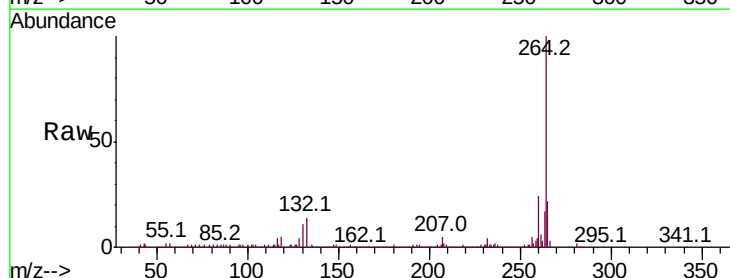
Tgt Ion:264 Resp: 455048

Ion Ratio Lower Upper

264 100

260 23.9 19.2 28.8

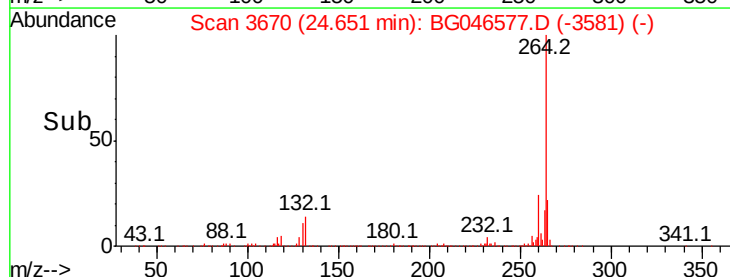
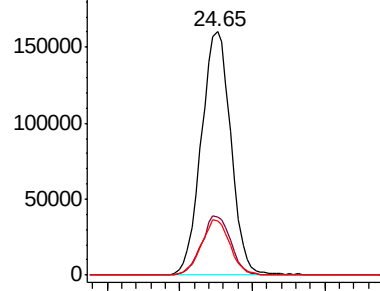
265 22.4 17.9 26.9

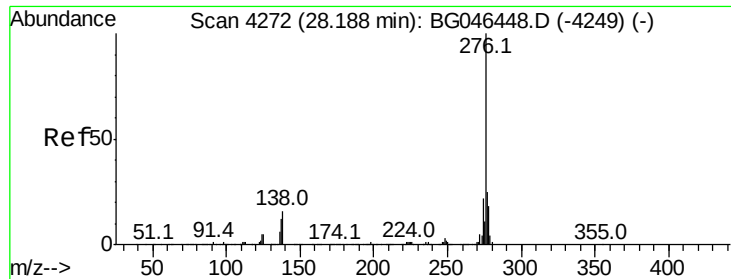


Abundance Ion 264.00 (263.70 to 264.70): E

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

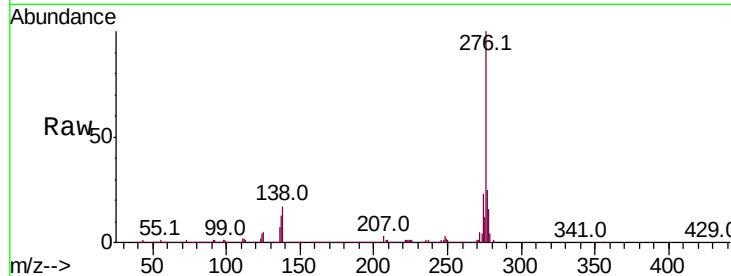
138 20.5 16.5 24.7

277 26.0 20.7 31.1

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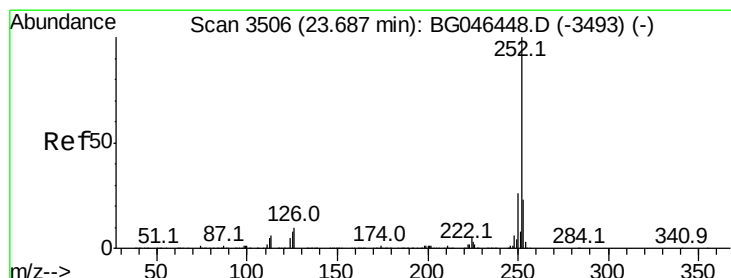
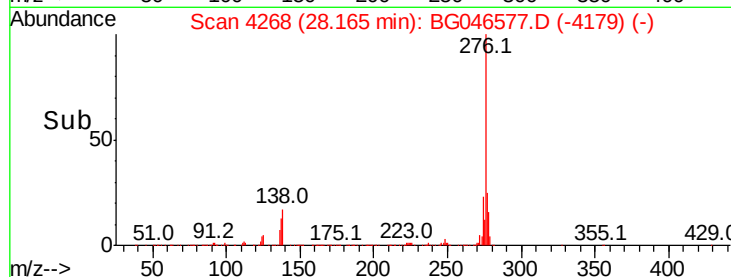
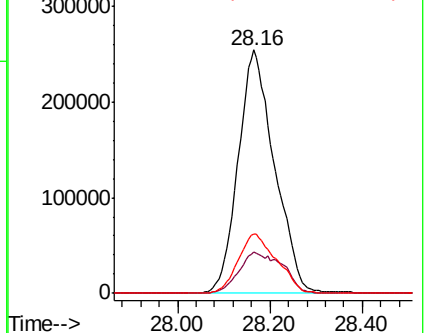
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Abundance Ion 276.00 (275.70 to 276.70): E

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

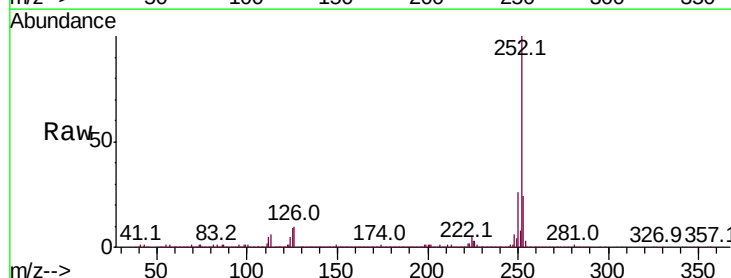
Tgt Ion:252 Resp: 1157217

Ion Ratio Lower Upper

252 100

253 23.8 18.2 27.4

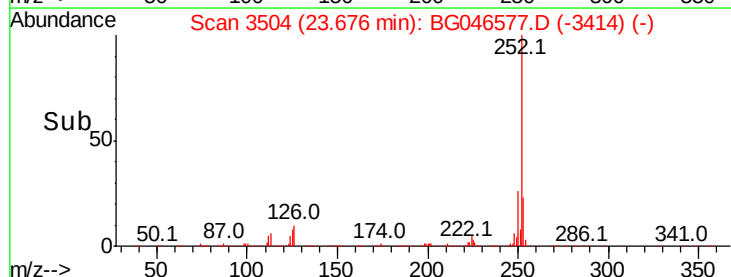
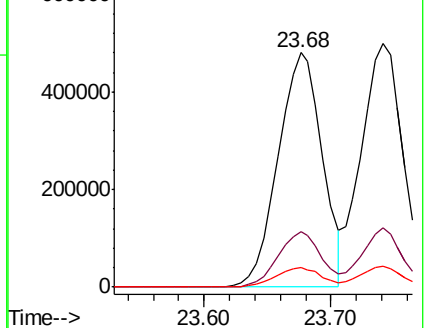
125 8.7 6.2 9.2

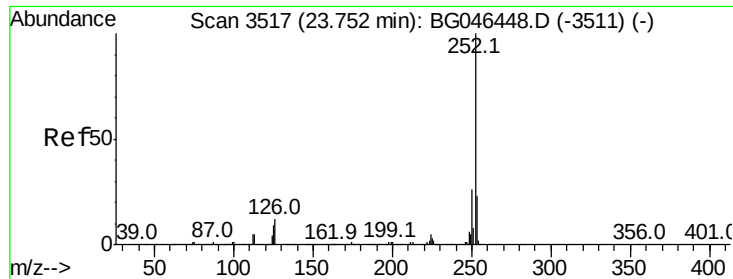


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





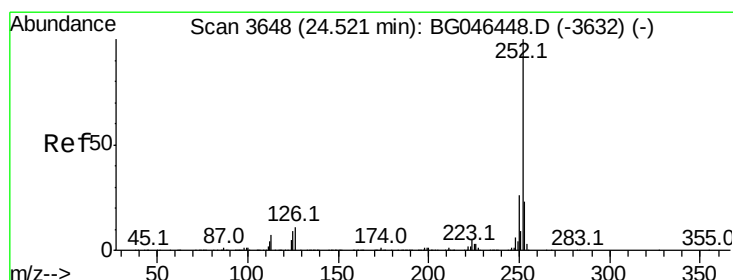
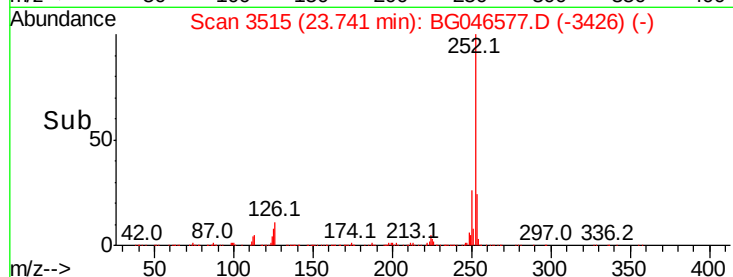
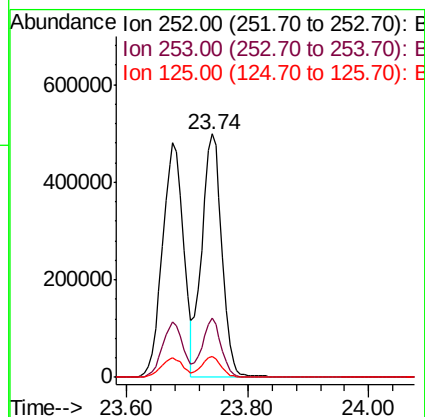
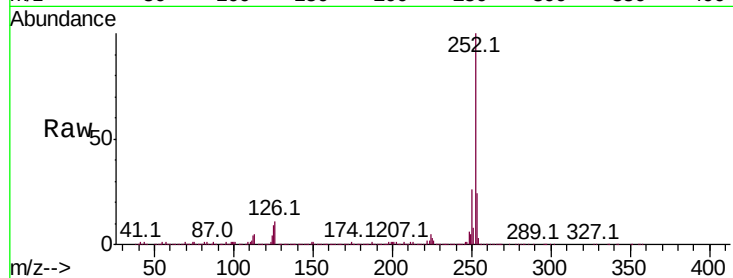
#89
Benzo(k)fluoranthene
Concen: 41.869 ng
RT: 23.74 min Scan# 3515
Delta R.T. -0.00 min
Lab File: BG046577.D
Acq: 9 Sep 2020 17:57

Instrument :
BNA_G
ClientSampleId :
VNJ-218MS

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

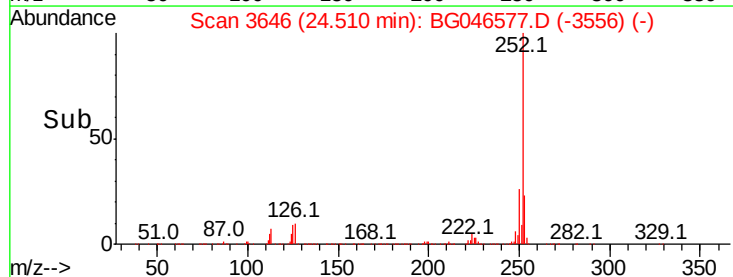
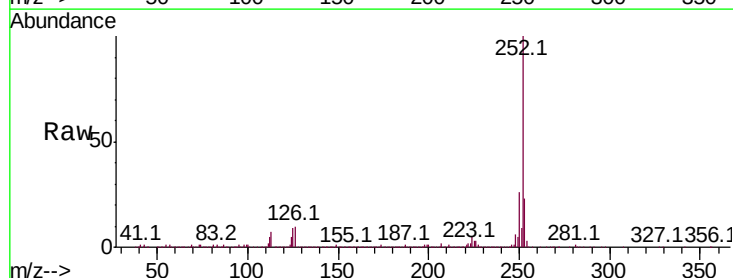
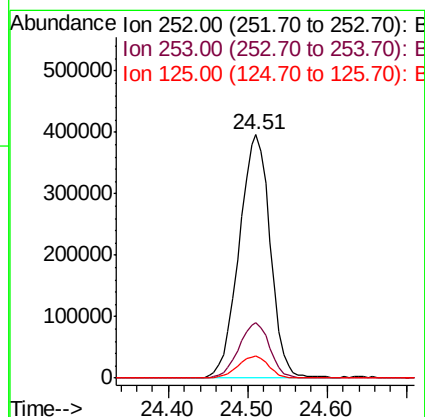
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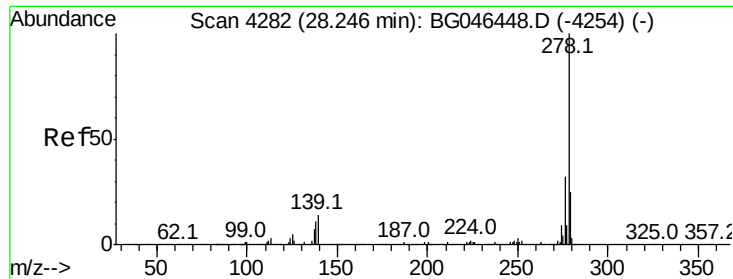
mohammad
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#90
Benzo(a)pyrene
Concen: 40.527 ng
RT: 24.51 min Scan# 3646
Delta R.T. 0.00 min
Lab File: BG046577.D
Acq: 9 Sep 2020 17:57

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





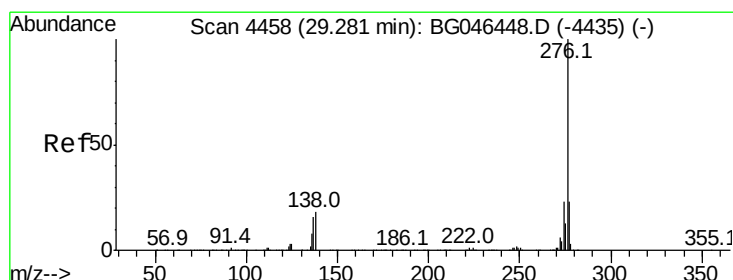
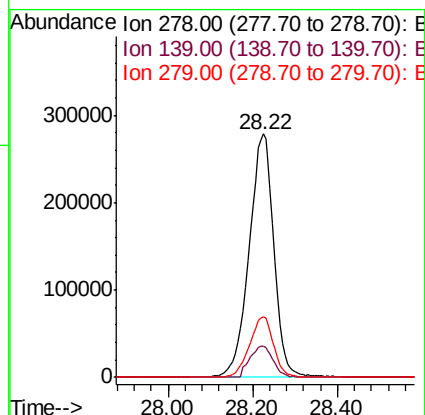
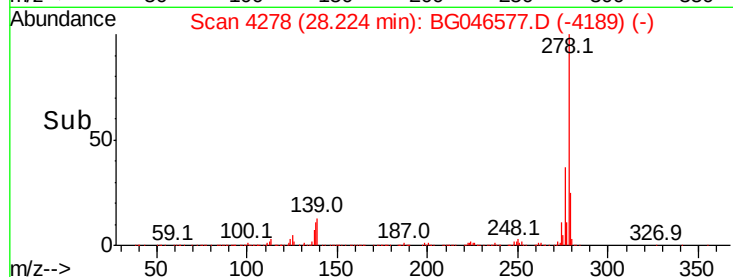
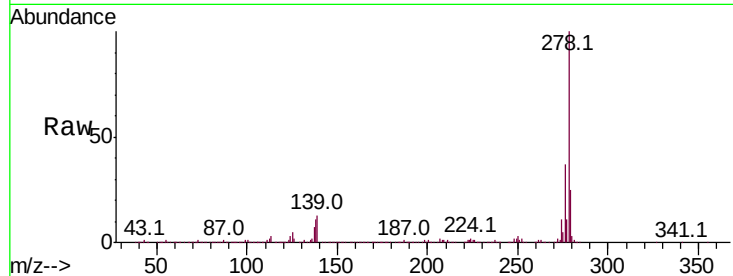
#91
Dibenzo(a,h)anthracene
Concen: 43.507 ng
RT: 28.22 min Scan# 4278
Delta R.T. -0.00 min
Lab File: BG046577.D
Acq: 9 Sep 2020 17:57

Instrument :
BNA_G
ClientSampleId :
VNJ-218MS

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

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

