

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090920\
 Data File : BG046578.D
 Acq On : 9 Sep 2020 18:37
 Operator : CG/JU
 Sample : L3932-01MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 VNJ-218MSD

Manual Integrations
 APPROVED

mohammad
 9/10/2020 10:36:01 AM

Quant Time: Sep 09 19:24:55 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 02 15:06:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	69554	20.00	ng	0.00
21) Naphthalene-d8	10.73	136	294702	20.00	ng	0.00
39) Acenaphthene-d10	14.56	164	199767	20.00	ng	0.00
64) Phenanthrene-d10	17.31	188	403522	20.00	ng	0.00
76) Chrysene-d12	21.55	240	447803	20.00	ng	0.00
86) Perylene-d12	24.65	264	472858	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.51	112	313618	79.86	ng	0.00
7) Phenol-d6	7.10	99	424866	76.32	ng	0.00
23) Nitrobenzene-d5	9.08	82	281670	54.63	ng	0.00
42) 2,4,6-Tribromophenol	16.05	330	199660	73.77	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	820379	62.69	ng	0.00
79) Terphenyl-d14	19.92	244	1119213	53.19	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.41	88	53783	32.920	ng	96
3) Pyridine	3.80	79	160137	33.501	ng	98
4) n-Nitrosodimethylamine	3.72	42	73854	41.891	ng	98
6) Aniline	7.25	93	178162	28.440	ng	100
8) 2-Chlorophenol	7.49	128	184946	44.560	ng	99
9) Benzaldehyde	7.06	77	100019	32.068	ng	93
10) Phenol	7.13	94	225491	43.978	ng	98
11) bis(2-Chloroethyl)ether	7.35	93	173032	41.983	ng	98
12) 1,3-Dichlorobenzene	7.82	146	216688	41.121	ng	98
13) 1,4-Dichlorobenzene	7.96	146	216532	41.045	ng	99
14) 1,2-Dichlorobenzene	8.28	146	210733	41.660	ng	99
15) Benzyl Alcohol	8.16	79	157307	44.014	ng	100
16) 2,2'-oxybis(1-Chloropropan	8.46	45	260655	40.773	ng	100
17) 2-Methylphenol	8.38	107	157961	43.440	ng	98
18) Hexachloroethane	9.01	117	75042	41.953	ng	98
19) n-Nitroso-di-n-propylamine	8.73	70	136881	41.107	ng	98
20) 3+4-Methylphenols	8.70	107	217384	43.311	ng	99
22) Acetophenone	8.75	105	265477	37.007	ng	99
24) Nitrobenzene	9.12	77	198005	38.870	ng	96
25) Isophorone	9.65	82	384482	40.672	ng	99
26) 2-Nitrophenol	9.84	139	111234	41.387	ng	97
27) 2,4-Dimethylphenol	9.90	122	176340	47.704	ng	97
28) bis(2-Chloroethoxy)methane	10.13	93	236247	38.828	ng	99
29) 2,4-Dichlorophenol	10.38	162	207280	42.063	ng	99
30) 1,2,4-Trichlorobenzene	10.59	180	233554	39.945	ng	99
31) Naphthalene	10.77	128	590906	41.066	ng	100
32) Benzoic acid	10.06	122	101403	39.531	ng	97
33) 4-Chloroaniline	10.88	127	142647	22.482	ng	99
34) Hexachlorobutadiene	11.07	225	155104	40.865	ng	98
35) Caprolactam	11.65	113	72672m	39.452	ng	
36) 4-Chloro-3-methylphenol	12.02	107	207650	43.084	ng	97
37) 2-Methylnaphthalene	12.38	142	482004	42.473	ng	99
38) 1-Methylnaphthalene	12.60	142	446968	41.580	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.76	216	296356	44.987	ng	99

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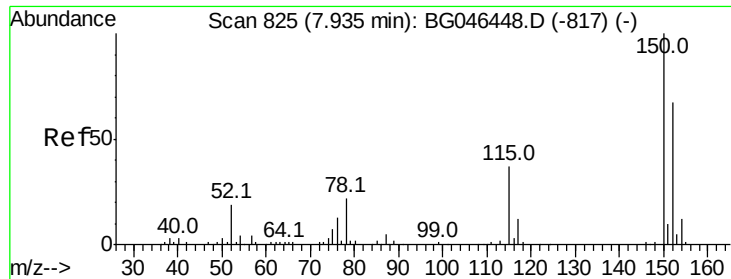
Manual Integrations
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.74	237	335013	116.956	nq	97
43) 2,4,6-Trichlorophenol	12.99	196	193263	43.474	nq	99
44) 2,4,5-Trichlorophenol	13.08	196	206751	44.265	nq	98
46) 1,1'-Biphenyl	13.39	154	616639	44.367	nq	99
47) 2-Chloronaphthalene	13.43	162	487942	41.407	nq	99
48) 2-Nitroaniline	13.63	65	129363	39.534	nq	99
49) Acenaphthylene	14.28	152	742138	41.517	nq	100
50) Dimethylphthalate	14.02	163	668321	43.243	nq	99
51) 2,6-Dinitrotoluene	14.13	165	147570	43.316	nq	98
52) Acenaphthene	14.63	154	447612	40.408	nq	99
53) 3-Nitroaniline	14.46	138	113025	30.628	nq	# 93
54) 2,4-Dinitrophenol	14.67	184	172735	86.863	nq	96
55) Dibenzofuran	14.96	168	715312	40.238	nq	99
56) 4-Nitrophenol	14.79	139	219635	80.870	nq	# 82
57) 2,4-Dinitrotoluene	14.93	165	188957	38.898	nq	98
58) Fluorene	15.61	166	581686	38.986	nq	98
59) 2,3,4,6-Tetrachlorophenol	15.19	232	180063	39.700	nq	# 99
60) Diethylphthalate	15.39	149	559851	37.154	nq	97
61) 4-Chlorophenyl-phenylether	15.60	204	321112	39.078	nq	94
62) 4-Nitroaniline	15.63	138	114676	29.451	nq	85
63) Azobenzene	15.90	77	490485	40.016	nq	97
65) 4,6-Dinitro-2-methylphenol	15.70	198	122685	53.716	nq	# 77
66) n-Nitrosodiphenylamine	15.82	169	513398	47.160	nq	99
67) 4-Bromophenyl-phenylether	16.50	248	201943	42.895	nq	# 93
68) Hexachlorobenzene	16.63	284	215179	41.271	nq	# 92
69) Atrazine	16.78	200	155008	34.904	nq	85
70) Pentachlorophenol	16.97	266	250959	92.126	nq	98
71) Phenanthrene	17.35	178	858980m	41.997	nq	
72) Anthracene	17.45	178	868557	43.041	nq	96
73) Carbazole	17.71	167	763341	40.064	nq	# 96
74) Di-n-butylphthalate	18.28	149	887569	40.512	nq	96
75) Fluoranthene	19.36	202	1036022	39.361	nq	99
77) Benzidine	19.54	184	436078	41.908	nq	# 92
78) Pyrene	19.73	202	1071231	37.566	nq	99
80) Butylbenzylphthalate	20.61	149	426412	38.337	nq	93
81) Benzo(a)anthracene	21.54	228	1132488	40.574	nq	99
82) 3,3'-Dichlorobenzidine	21.45	252	99360	9.592	nq	99
83) Chrysene	21.60	228	1116908	41.600	nq	98
84) Bis(2-ethylhexyl)phthalate	21.45	149	653689	43.066	nq	99
85) Di-n-octyl phthalate	22.62	149	1120334	43.106	nq	98
87) Indeno(1,2,3-cd)pyrene	28.17	276	1453578	42.800	nq	# 95
88) Benzo(b)fluoranthene	23.68	252	1198830	40.603	nq	99
89) Benzo(k)fluoranthene	23.74	252	1190653	41.726	nq	99
90) Benzo(a)pyrene	24.51	252	1114905	40.462	nq	99
91) Dibenzo(a,h)anthracene	28.22	278	1196427	43.656	nq	98
92) Benzo(g,h,i)perylene	29.26	276	1212722	44.313	nq	97

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



#1

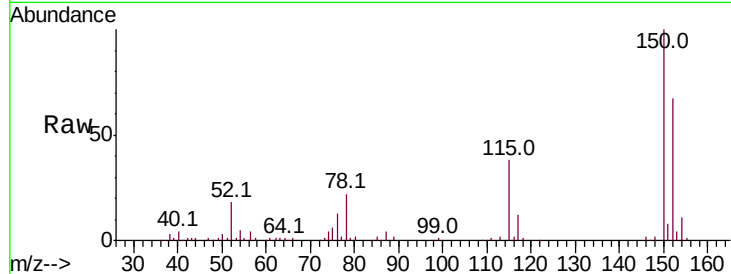
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.93 min Scan# 824
Delta R.T. -0.01 min
Lab File: BG046578.D
Acq: 9 Sep 2020 18:37

Instrument :
BNA_G
ClientSampleId :
VNJ-218MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	149.9	119.5	179.3
115	56.9	44.3	66.5

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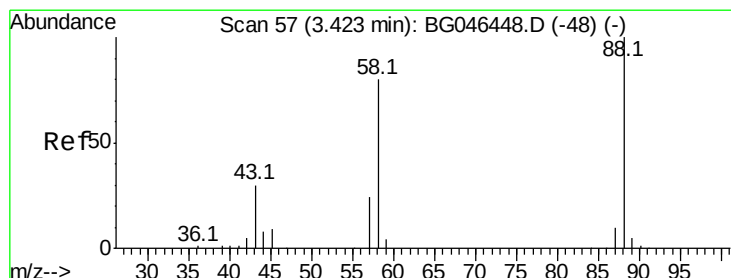
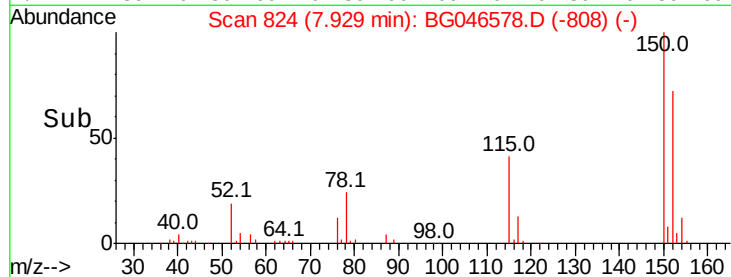
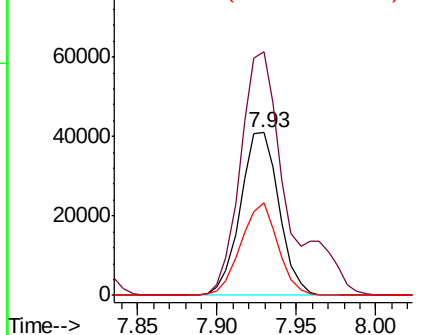


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

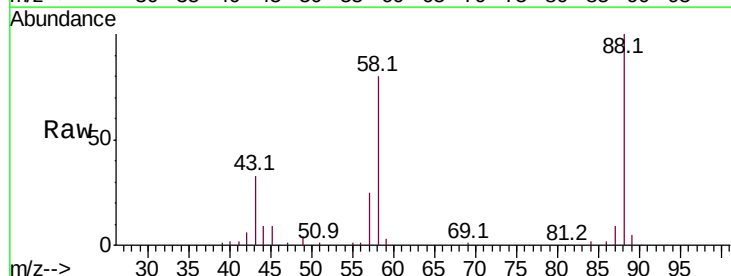
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 32.920 ng
RT: 3.41 min Scan# 55
Delta R.T. -0.01 min
Lab File: BG046578.D
Acq: 9 Sep 2020 18:37

Tgt Ion	Ratio	Lower	Upper
88	100		
58	79.9	61.4	92.2
43	30.2	21.6	32.4

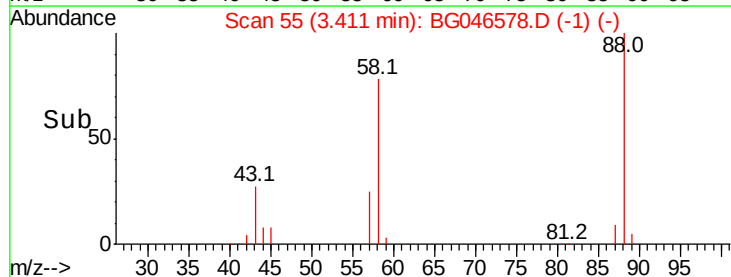
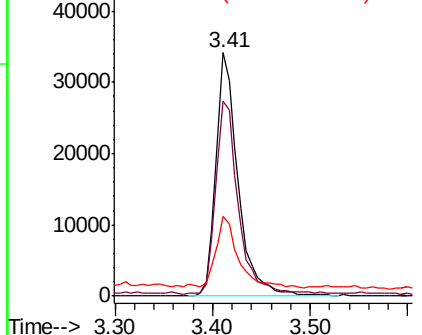


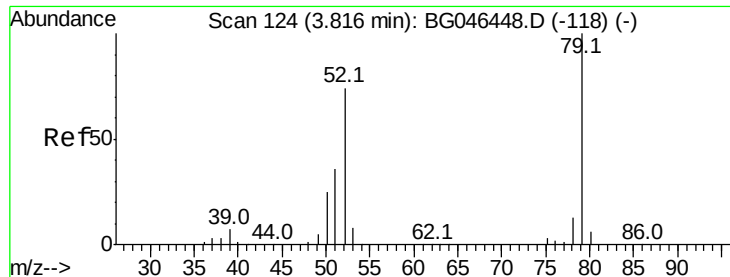
Abundance

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: 33.501 ng

RT: 3.80 min Scan# 122

Delta R.T. -0.01 min

Lab File: BG046578.D

Acq: 9 Sep 2020 18:37

Instrument :

BNA_G

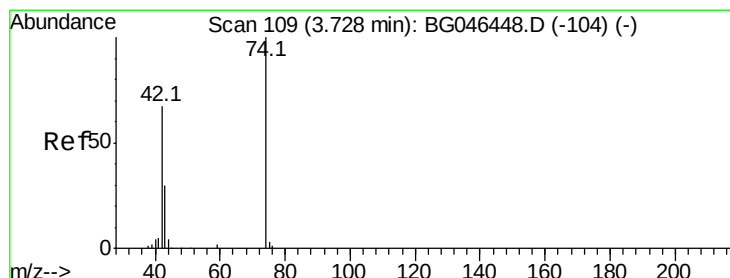
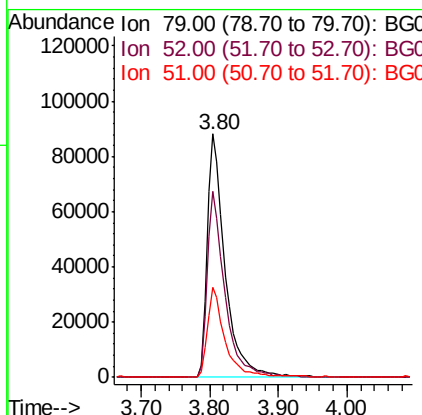
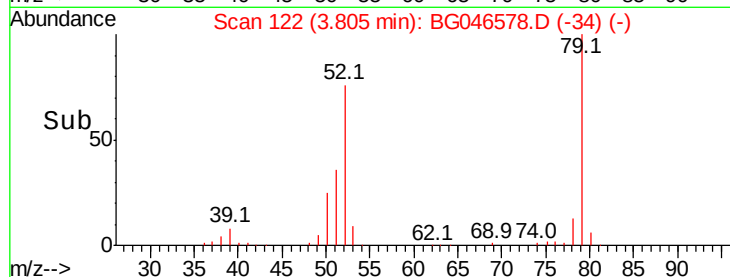
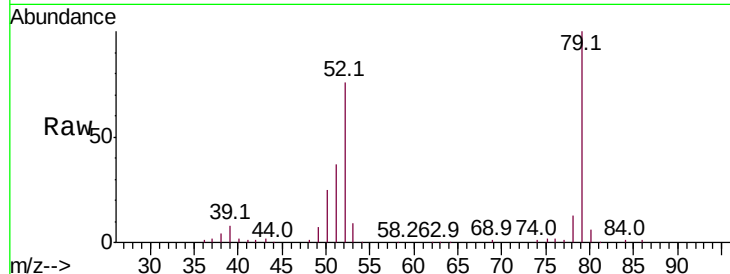
ClientSampleId :

VNJ-218MSD

Tot Ion:	79	Resp:	160137
Ion	Ratio	Lower	Upper
79	100		
52	76.3	59.1	88.7
51	36.8	29.0	43.6

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#4

n-Nitrosodimethylamine

Concen: 41.891 ng

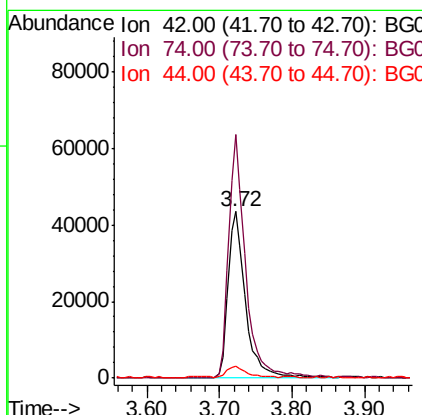
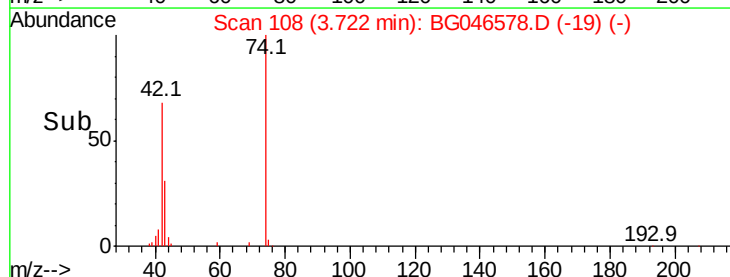
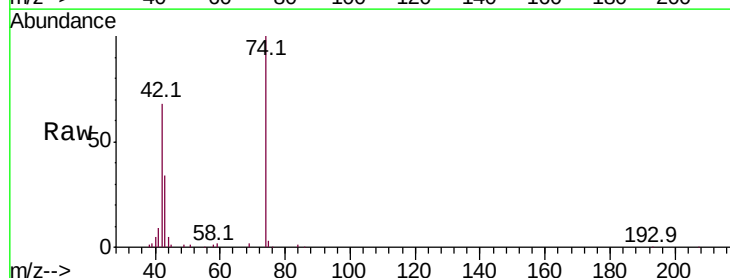
RT: 3.72 min Scan# 108

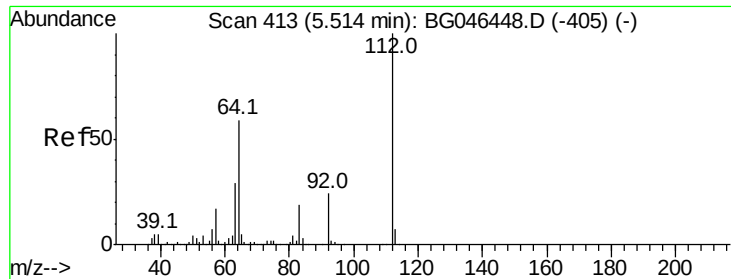
Delta R.T. -0.01 min

Lab File: BG046578.D

Acq: 9 Sep 2020 18:37

Tgt Ion:	42	Resp:	73854
Ion	Ratio	Lower	Upper
42	100		
74	146.2	119.5	179.3
44	7.4	5.7	8.5





#5

2-Fluorophenol

Concen: 79.863 ng

RT: 5.51 min Scan# 413

Delta R.T. 0.00 min

Lab File: BG046578.D

Acq: 9 Sep 2020 18:37

Instrument :

BNA_G

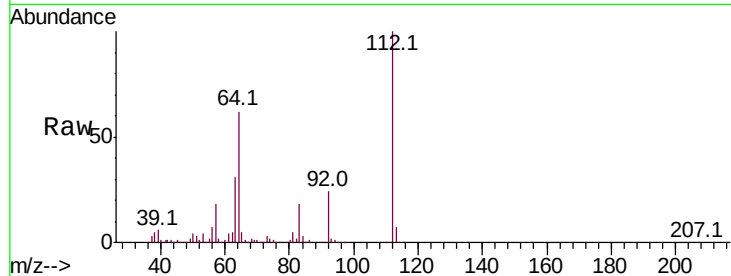
ClientSampleId :

VNJ-218MSD

Tot Ion:	112	Resp:	313618
Ion Ratio	Lower	Upper	
112	100		
64	62.3	47.0	70.6
63	31.3	23.5	35.3

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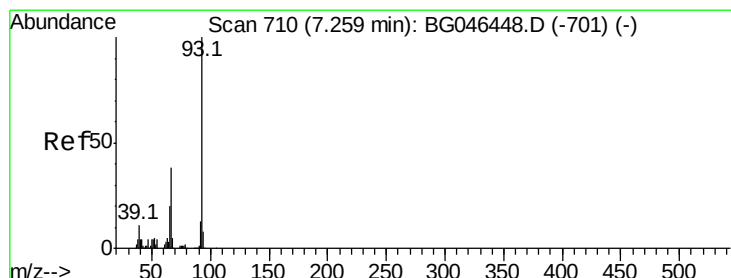
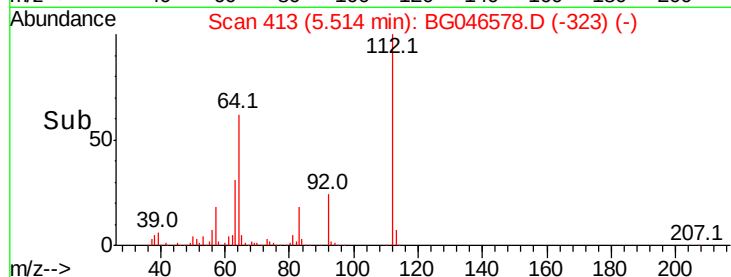
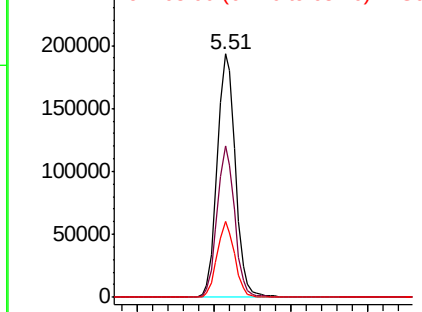


Abundance

Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 28.440 ng

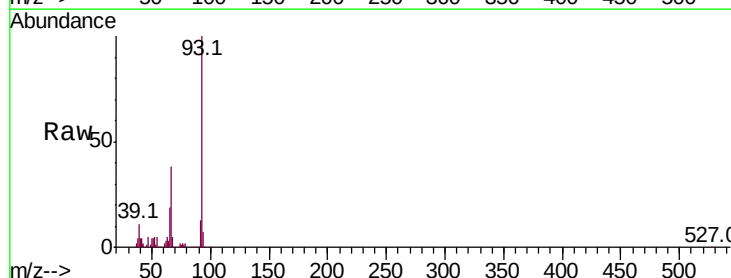
RT: 7.25 min Scan# 709

Delta R.T. 0.00 min

Lab File: BG046578.D

Acq: 9 Sep 2020 18:37

Tgt Ion:	93	Resp:	178162
Ion Ratio	Lower	Upper	
93	100		
66	37.9	30.4	45.6
65	19.3	15.8	23.6

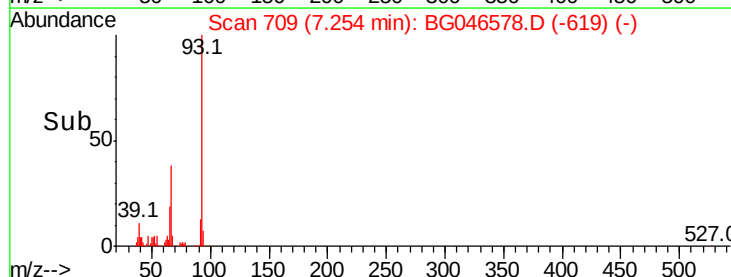
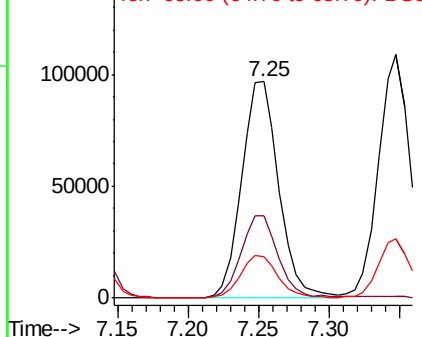


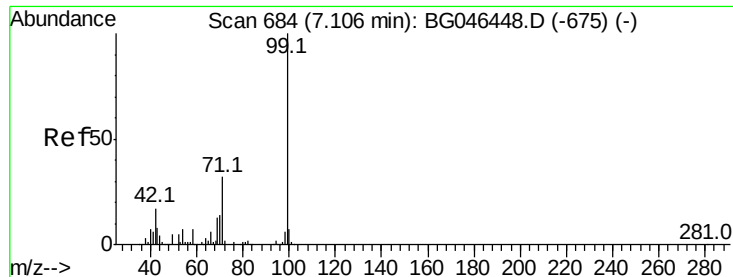
Abundance

Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 76.320 ng

RT: 7.10 min Scan# 683

Delta R.T. -0.01 min

Lab File: BG046578.D

Acq: 9 Sep 2020 18:37

Instrument :

BNA_G

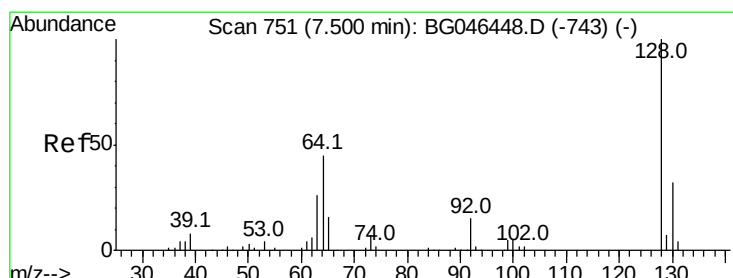
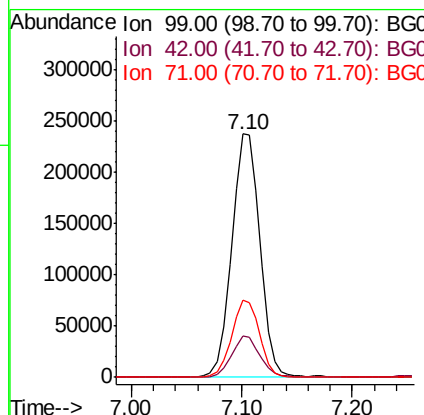
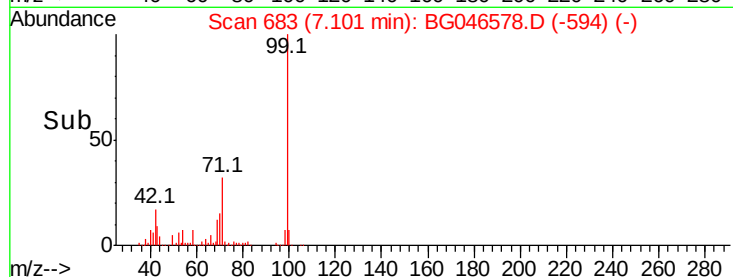
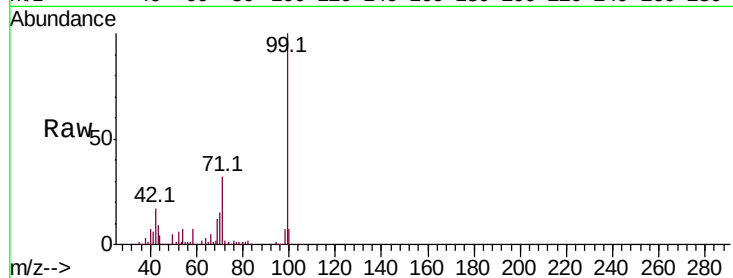
ClientSampleId :

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Tot Ion:	99	Resp:	424866
Ion Ratio	Lower	Upper	
99	100		
42	17.0	13.3	19.9
71	31.8	25.3	37.9

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#8

2-Chlorophenol

Concen: 44.560 ng

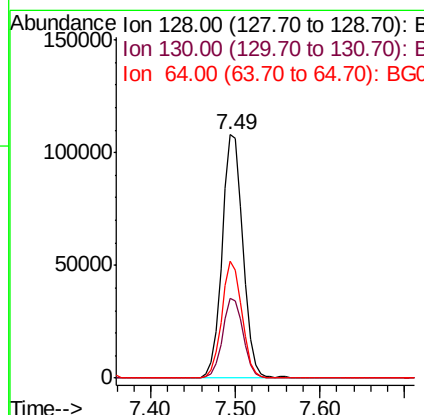
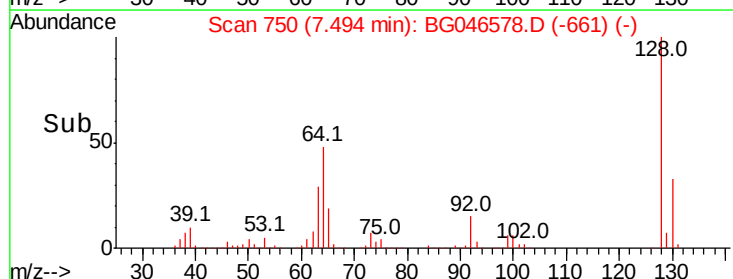
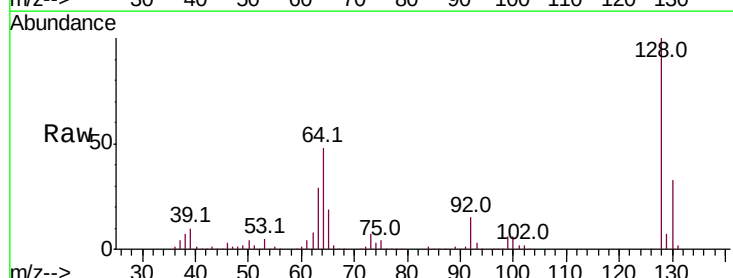
RT: 7.49 min Scan# 750

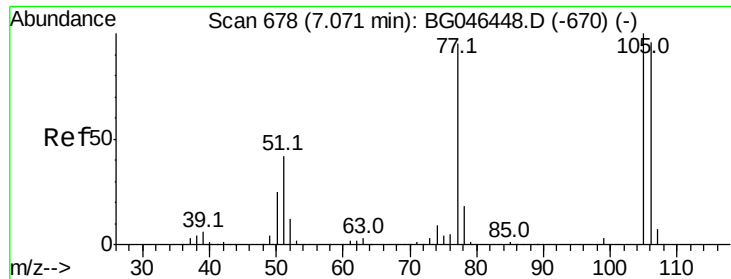
Delta R.T. -0.01 min

Lab File: BG046578.D

Acq: 9 Sep 2020 18:37

Tgt Ion:	128	Resp:	184946
Ion Ratio	Lower	Upper	
128	100		
130	32.9	12.4	52.4
64	47.9	28.1	68.1





#9

Benzaldehyde

Concen: 32.068 ng

RT: 7.06 min Scan# 676

Delta R.T. -0.01 min

Lab File: BG046578.D

Acq: 9 Sep 2020 18:37

Instrument :

BNA_G

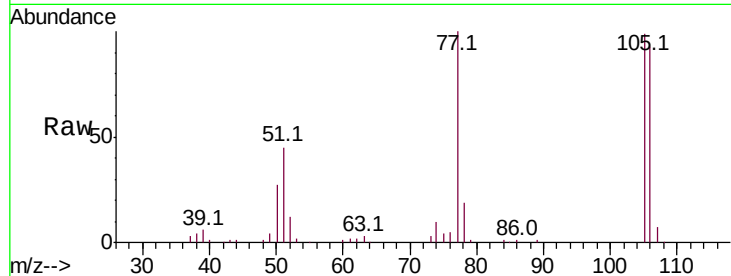
ClientSampleId :

VNJ-218MSD

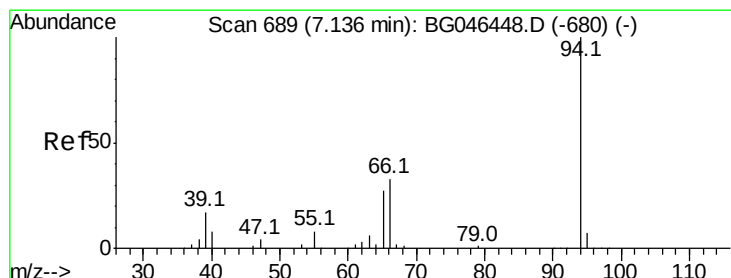
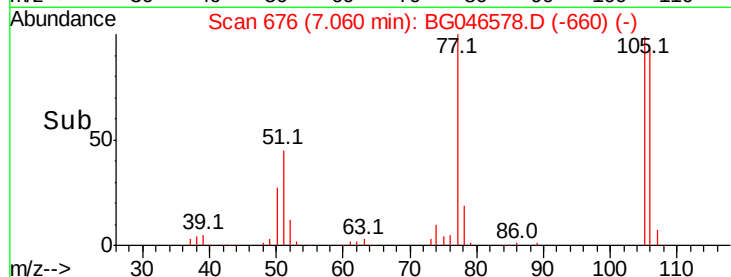
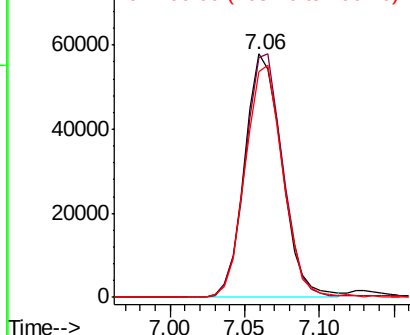
Tot Ion:	77	Resp:	100019
Ion	Ratio	Lower	Upper
77	100		
105	98.6	85.6	125.6
106	92.9	80.8	120.8

Manual Integrations
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Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 43.978 ng

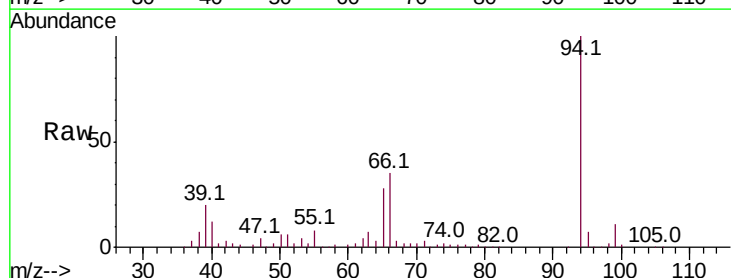
RT: 7.13 min Scan# 688

Delta R.T. 0.00 min

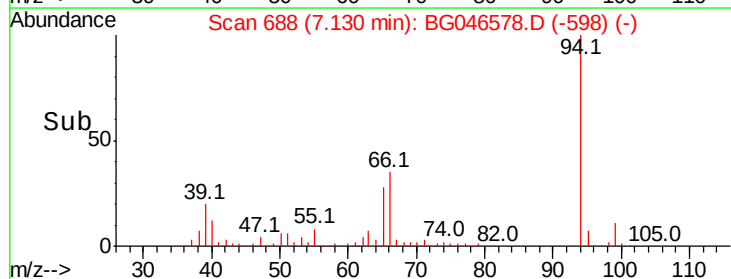
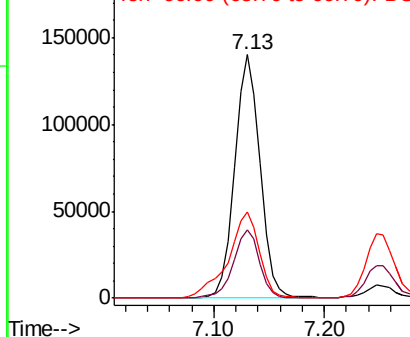
Lab File: BG046578.D

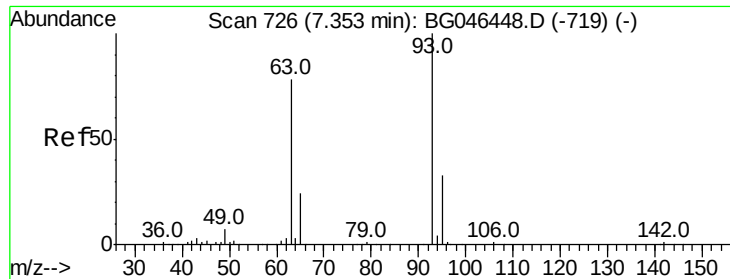
Acq: 9 Sep 2020 18:37

Tgt Ion:	94	Resp:	225491
Ion	Ratio	Lower	Upper
94	100		
65	27.9	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





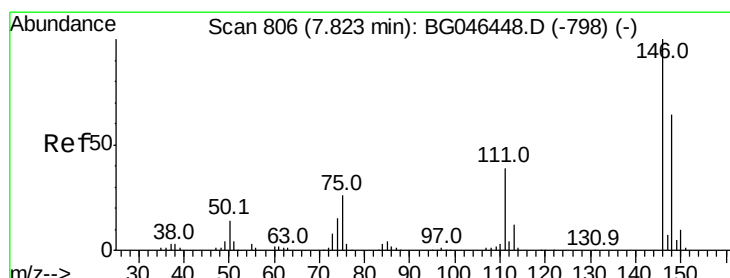
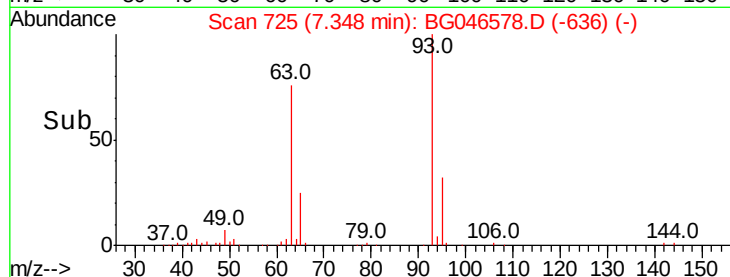
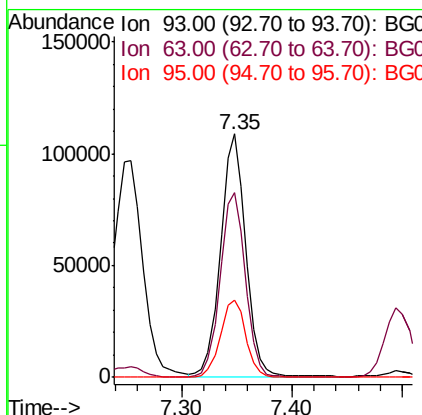
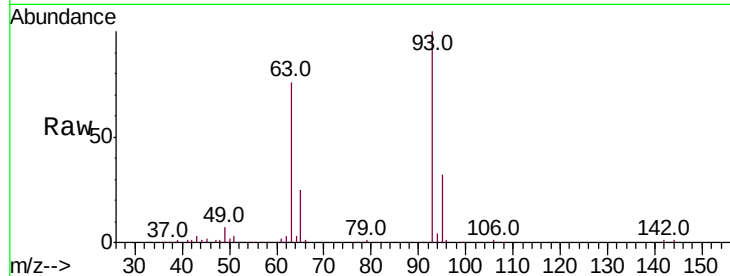
#11
bis(2-Chloroethyl)ether
Concen: 41.983 ng
RT: 7.35 min Scan# 725
Delta R.T. -0.01 min
Lab File: BG046578.D
Acq: 9 Sep 2020 18:37

Instrument :
BNA_G
ClientSampleId :
VNJ-218MSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	75.8	57.7	97.7
95	31.8	12.3	52.3

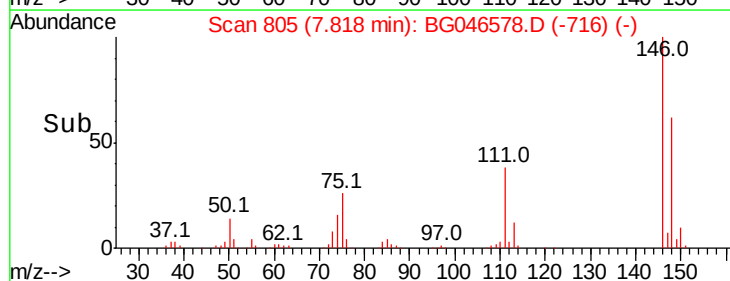
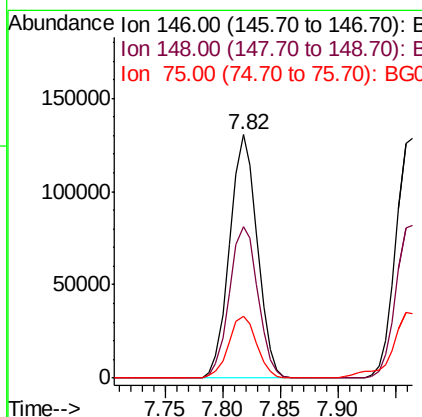
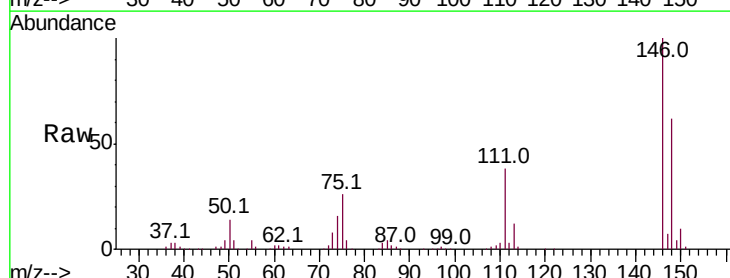
Manual Integrations
APPROVED

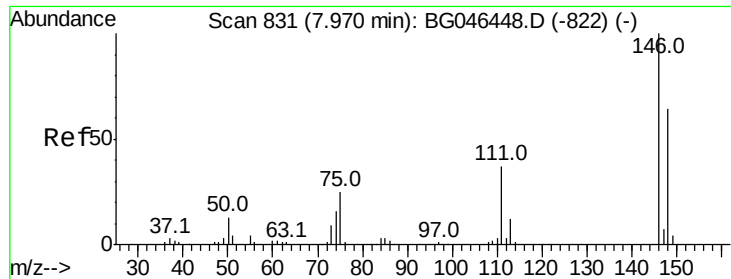
mohammad
9/10/2020 10:36:01 AM



#12
1,3-Dichlorobenzene
Concen: 41.121 ng
RT: 7.82 min Scan# 805
Delta R.T. -0.01 min
Lab File: BG046578.D
Acq: 9 Sep 2020 18:37

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.3	51.4	77.0
75	25.6	20.7	31.1





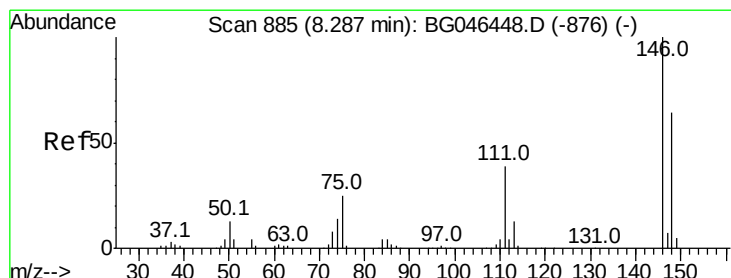
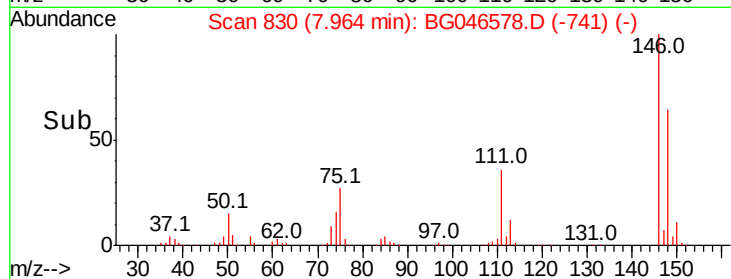
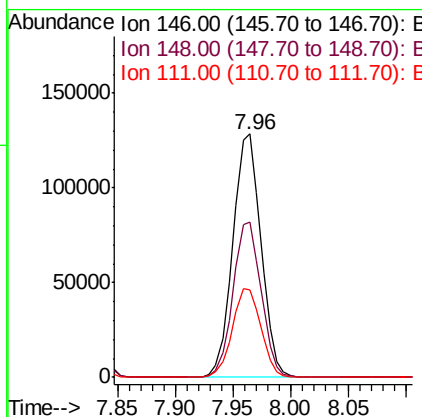
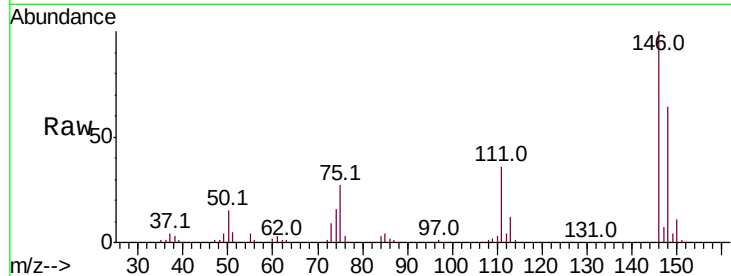
#13
 1,4-Dichlorobenzene
 Concen: 41.045 ng
 RT: 7.96 min Scan# 830
 Delta R.T. -0.01 min
 Lab File: BG046578.D
 Acq: 9 Sep 2020 18:37

Instrument :
 BNA_G
 ClientSampleId :
 VNJ-218MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.8	50.9	76.3
111	36.1	29.8	44.6

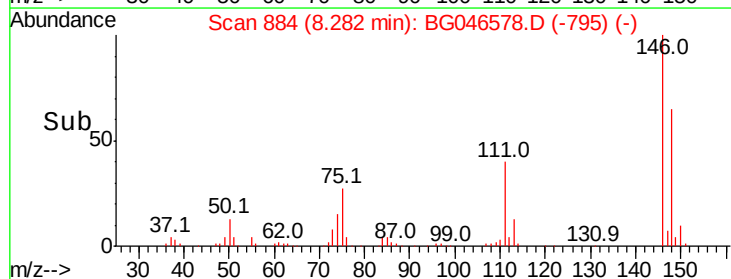
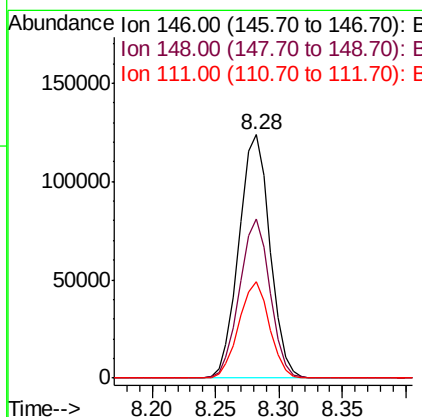
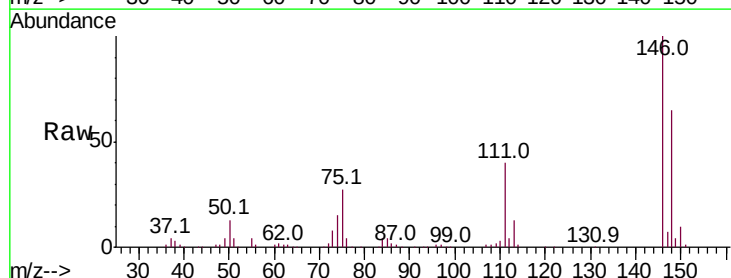
Manual Integrations
 APPROVED

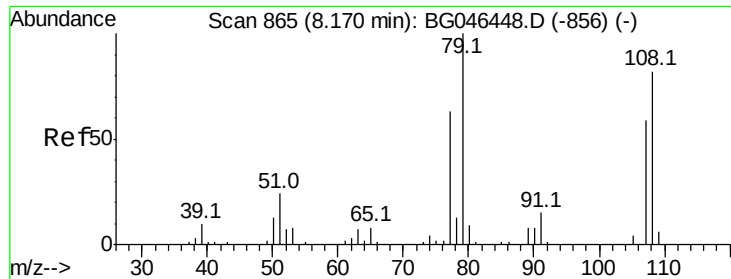
mohammad
 9/10/2020 10:36:01 AM



#14
 1,2-Dichlorobenzene
 Concen: 41.660 ng
 RT: 8.28 min Scan# 884
 Delta R.T. -0.01 min
 Lab File: BG046578.D
 Acq: 9 Sep 2020 18:37

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.3	51.4	77.0
111	39.7	31.4	47.2





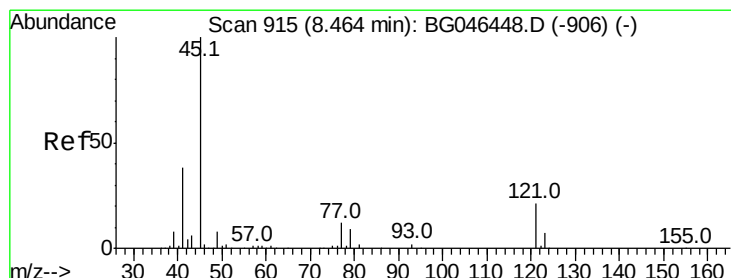
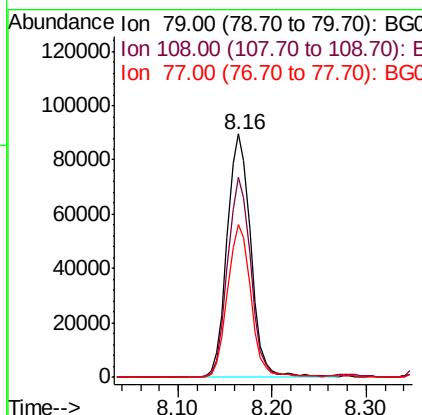
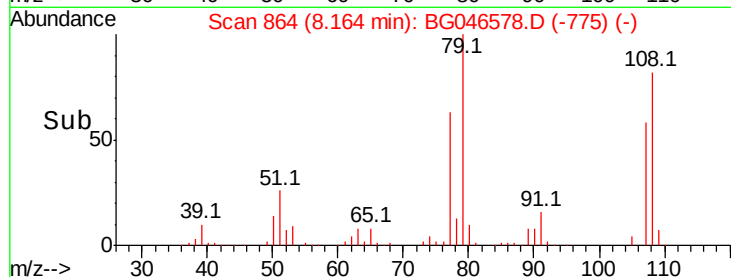
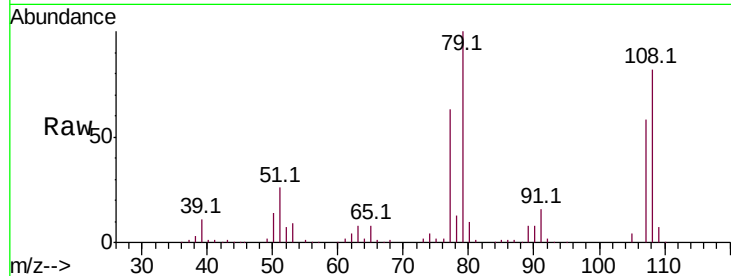
#15
Benzyl Alcohol
Concen: 44.014 ng
RT: 8.16 min Scan# 864
Delta R.T. -0.01 min
Lab File: BG046578.D
Acq: 9 Sep 2020 18:37

Instrument :
BNA_G
ClientSampleId :
VNJ-218MSD

Tot Ion	Ratio	Resp	Lower	Upper
79	100			
108	82.1	65.7	98.5	
77	62.5	50.3	75.5	

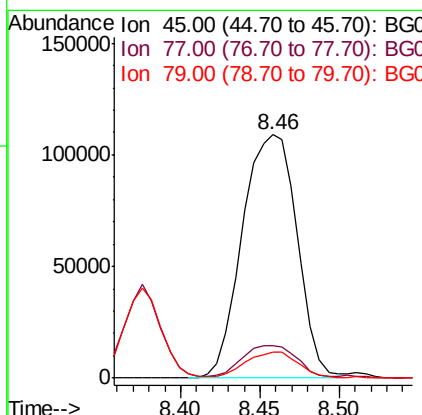
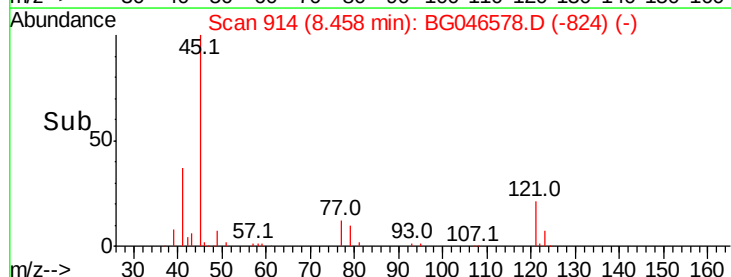
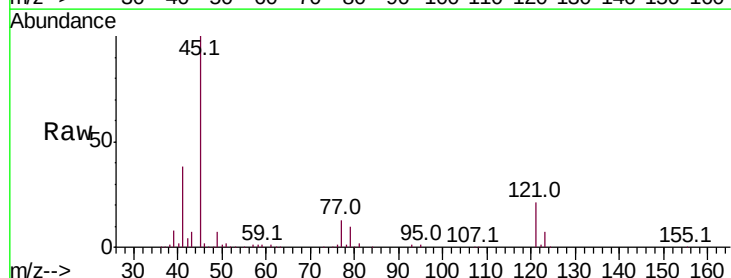
Manual Integrations
APPROVED

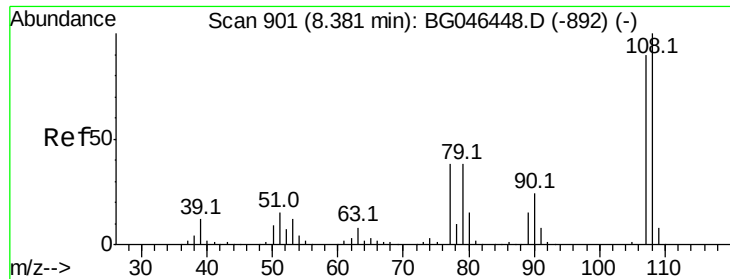
mohammad
9/10/2020 10:36:01 AM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.773 ng
RT: 8.46 min Scan# 914
Delta R.T. 0.00 min
Lab File: BG046578.D
Acq: 9 Sep 2020 18:37

Tgt Ion	Ratio	Resp	Lower	Upper
45	100			
77	13.3	0.0	33.2	
79	10.5	0.0	30.3	





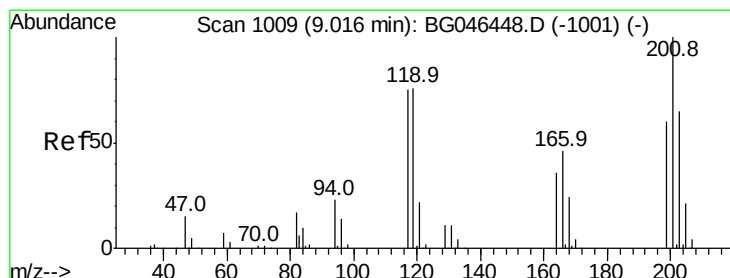
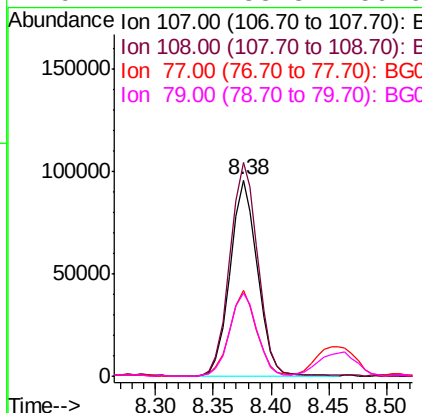
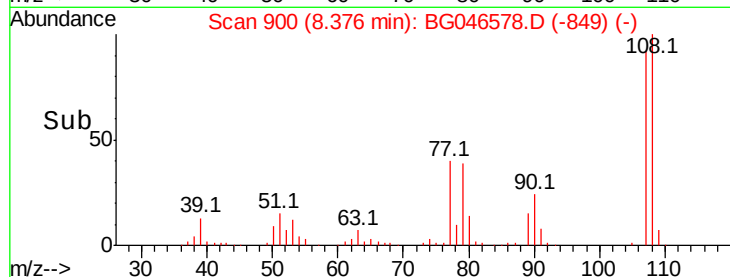
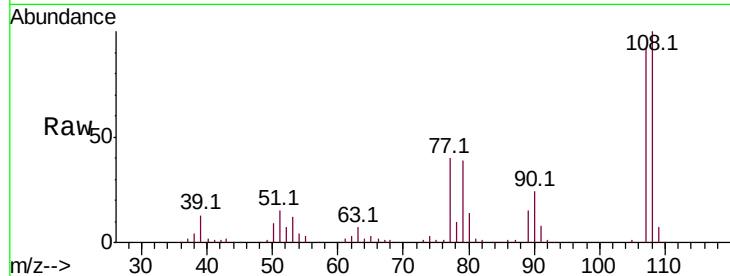
#17
2-Methylphenol
Concen: 43.440 ng
RT: 8.38 min Scan# 900
Delta R.T. 0.00 min
Lab File: BG046578.D
Acq: 9 Sep 2020 18:37

Instrument :
BNA_G
ClientSampleId :
VNJ-218MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100	157961		
108	108.7	89.4	134.0	
77	43.8	34.5	51.7	
79	42.2	33.8	50.6	

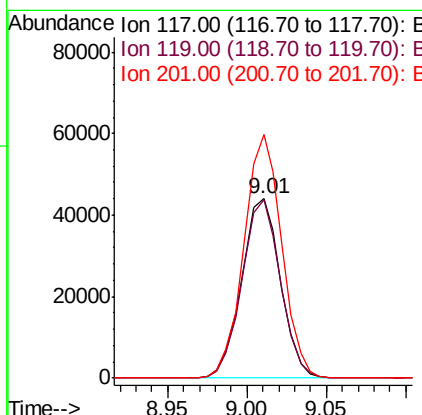
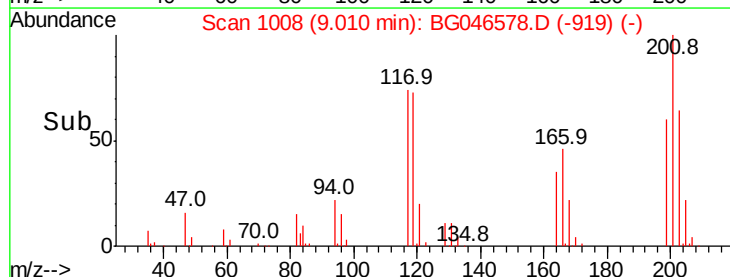
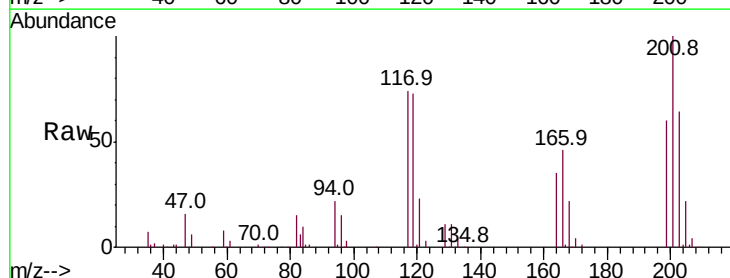
Manual Integrations
APPROVED

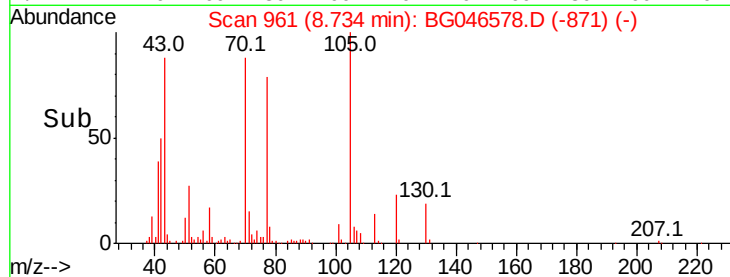
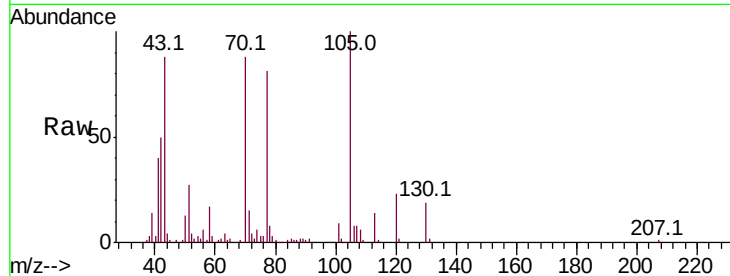
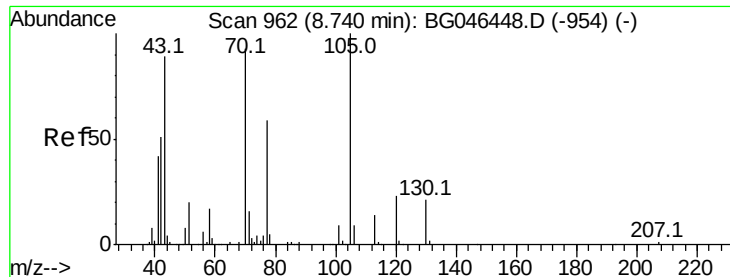
mohammad
9/10/2020 10:36:01 AM



#18
Hexachloroethane
Concen: 41.953 ng
RT: 9.01 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BG046578.D
Acq: 9 Sep 2020 18:37

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	75042		
119	99.5	80.8	121.2	
201	135.8	106.7	160.1	





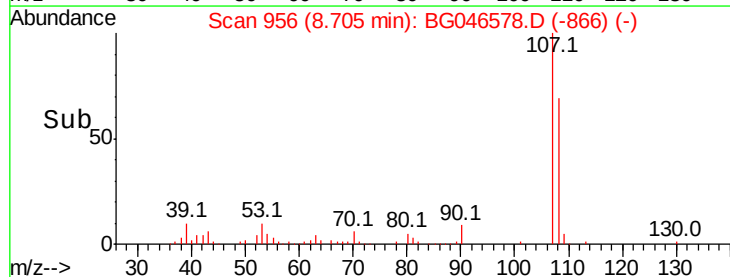
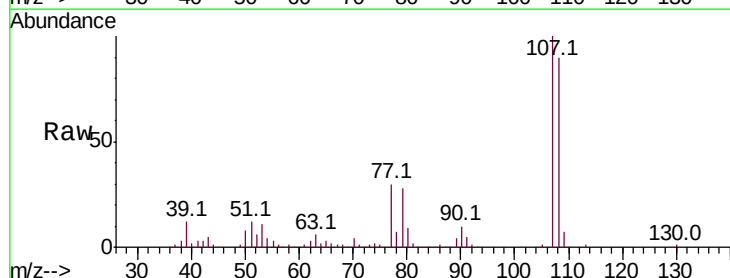
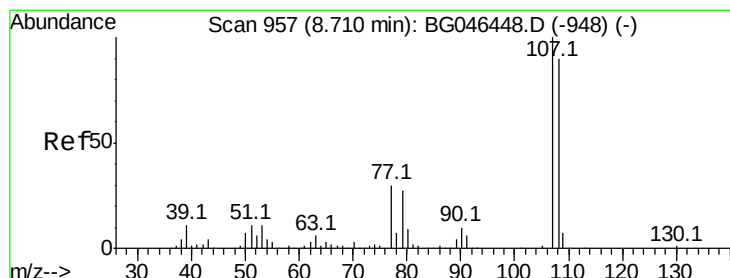
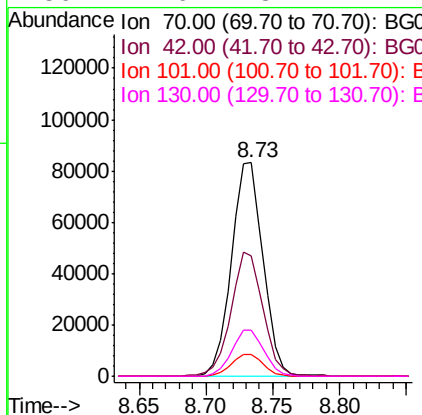
#19
n-Nitroso-di-n-propylamine
Concen: 41.107 ng
RT: 8.73 min Scan# 961
Delta R.T. 0.00 min
Lab File: BG046578.D
Acq: 9 Sep 2020 18:37

Instrument :
BNA_G
ClientSampleId :
VNJ-218MSD

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	56.3	44.2	66.2	
101	10.3	7.8	11.8	
130	21.6	18.2	27.4	

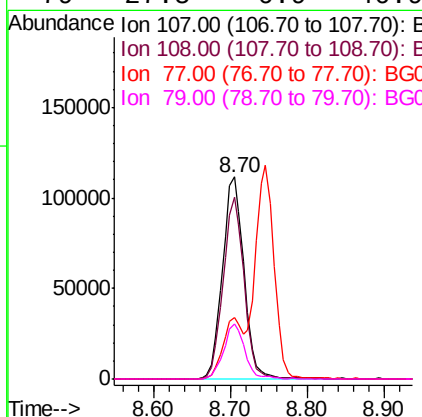
Manual Integrations
APPROVED

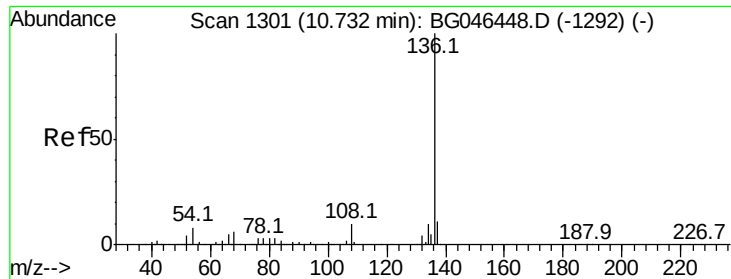
mohammad
9/10/2020 10:36:01 AM



#20
3+4-Methylphenols
Concen: 43.311 ng
RT: 8.70 min Scan# 956
Delta R.T. 0.00 min
Lab File: BG046578.D
Acq: 9 Sep 2020 18:37

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	90.3	69.7	109.7	
77	30.2	9.7	49.7	
79	27.5	6.9	46.9	





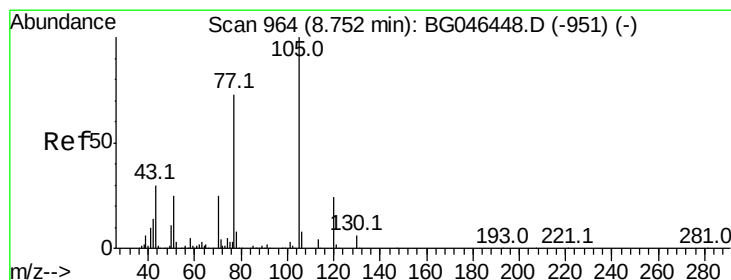
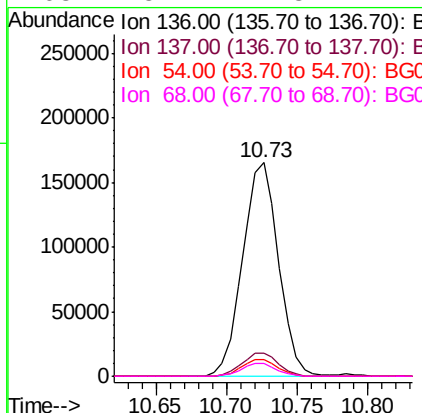
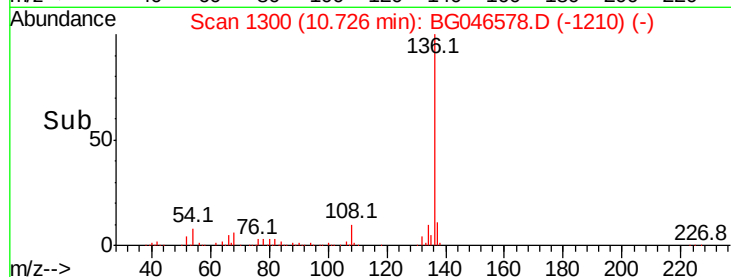
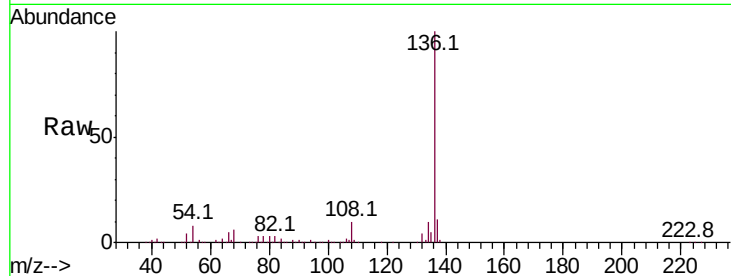
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.73 min Scan# 1300
Delta R.T. 0.00 min
Lab File: BG046578.D
Acq: 9 Sep 2020 18:37

Instrument :
BNA_G
ClientSampleId :
VNJ-218MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	294702		
137	10.8		8.8	13.2
54	7.7		6.1	9.1
68	5.7		4.8	7.2

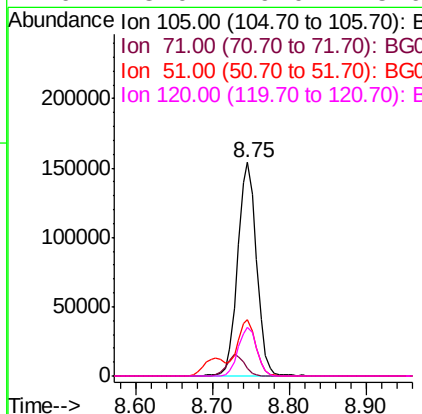
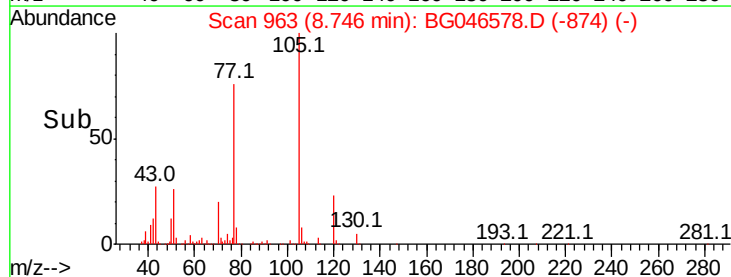
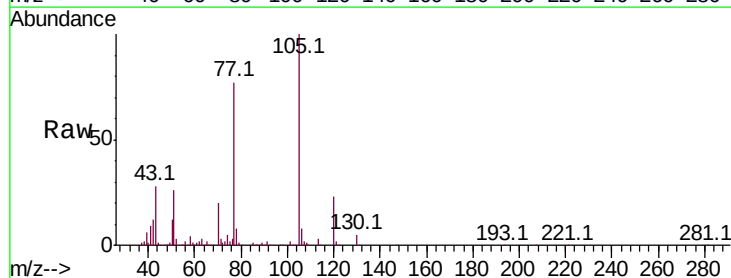
Manual Integrations
APPROVED

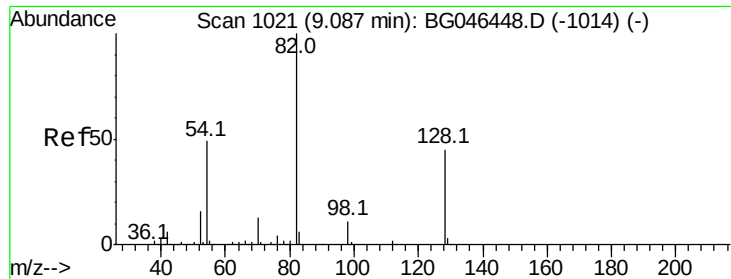
mohammad
9/10/2020 10:36:01 AM



#22
Acetophenone
Concen: 37.007 ng
RT: 8.75 min Scan# 963
Delta R.T. -0.01 min
Lab File: BG046578.D
Acq: 9 Sep 2020 18:37

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	265477		
71	3.4		3.3	4.9
51	26.2		20.6	31.0
120	23.0		19.0	28.6





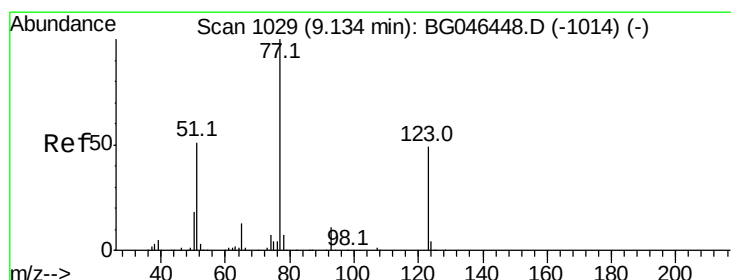
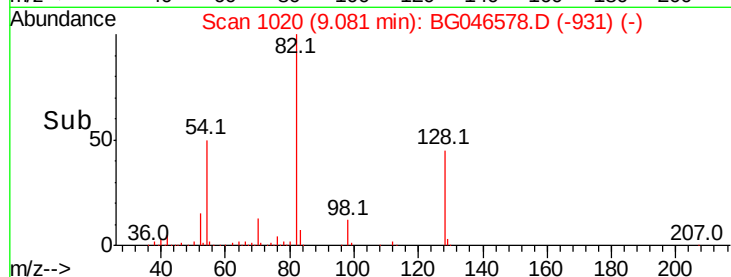
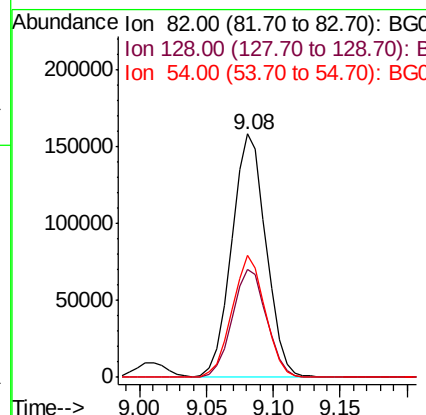
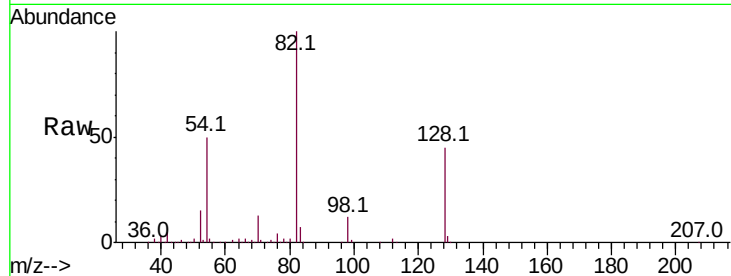
#23
Nitrobenzene-d5
Concen: 54.628 ng
RT: 9.08 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BG046578.D
Acq: 9 Sep 2020 18:37

Instrument :
BNA_G
ClientSampleId :
VNJ-218MSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.6	35.7	53.5
54	49.9	39.4	59.0

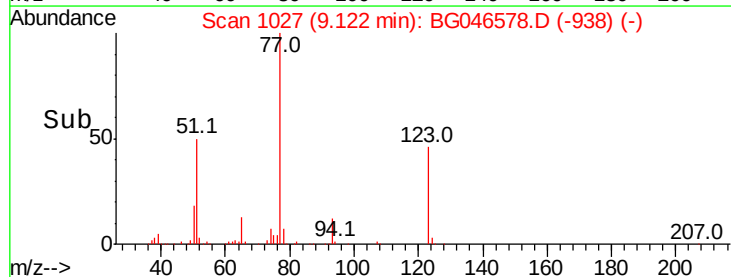
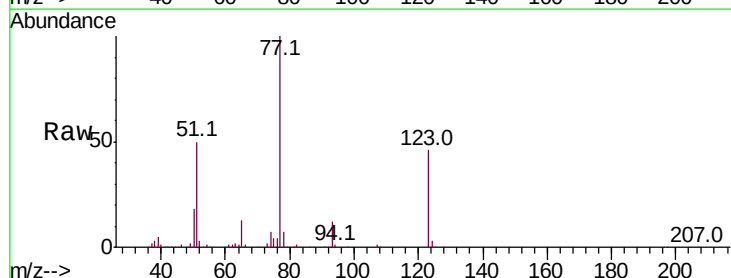
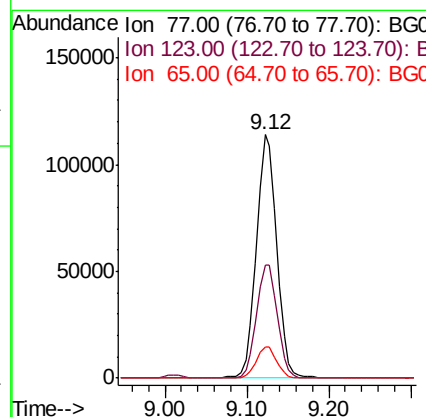
Manual Integrations
APPROVED

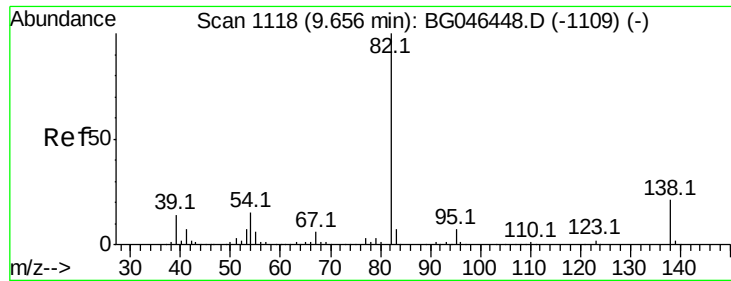
mohammad
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#24
Nitrobenzene
Concen: 38.870 ng
RT: 9.12 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BG046578.D
Acq: 9 Sep 2020 18:37

Tgt Ion	Ratio	Lower	Upper
77	100		
123	46.3	39.6	59.4
65	12.6	10.1	15.1





#25

Isophorone

Concen: 40.672 ng

RT: 9.65 min Scan# 1117

Delta R.T. 0.00 min

Lab File: BG046578.D

Acq: 9 Sep 2020 18:37

Instrument :

BNA_G

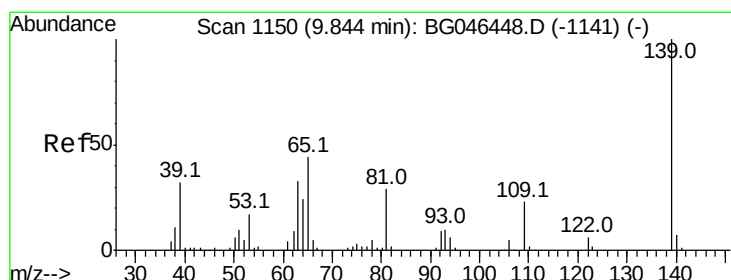
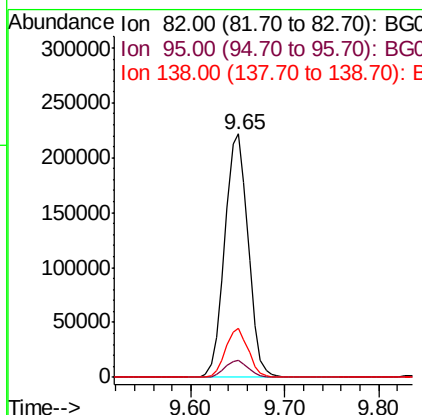
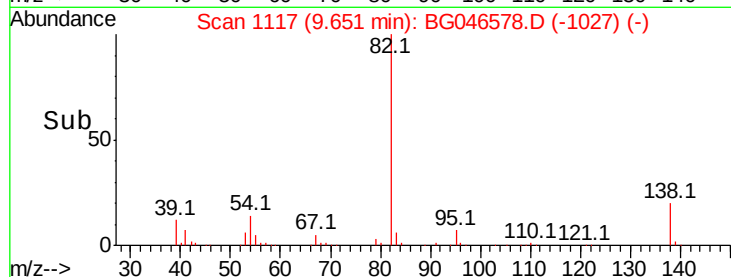
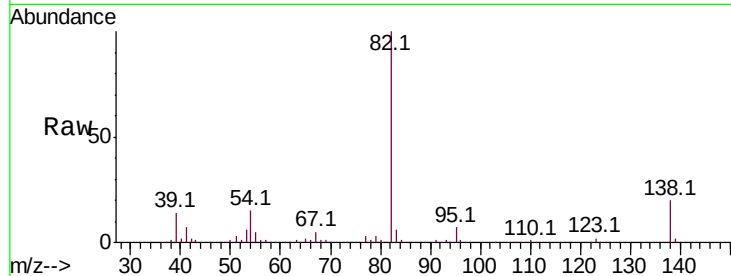
ClientSampleId :

VNJ-218MSD

Tot Ion:	82	Resp:	384482
Ion Ratio	Lower	Upper	
82	100		
95	7.0	5.8	8.6
138	20.1	16.4	24.6

Manual Integrations
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mohammad
9/10/2020 10:36:01 AM



#26

2-Nitrophenol

Concen: 41.387 ng

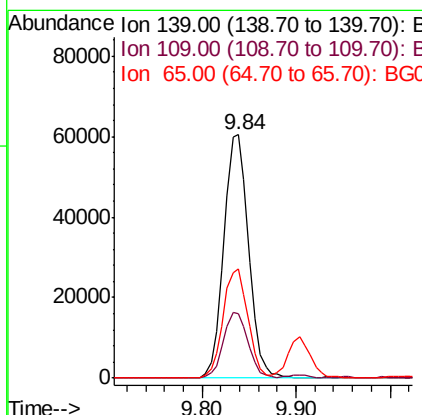
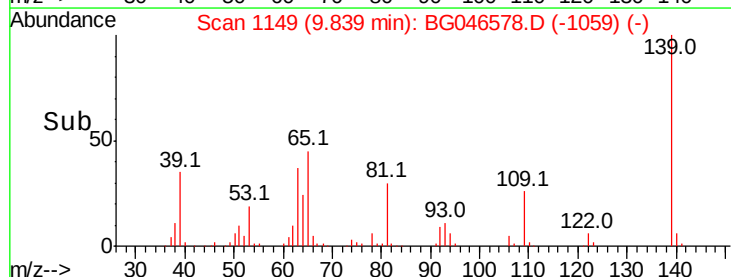
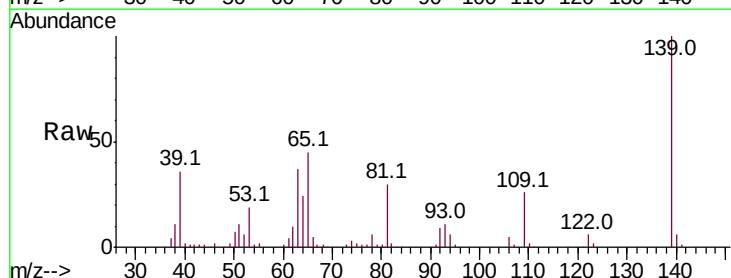
RT: 9.84 min Scan# 1149

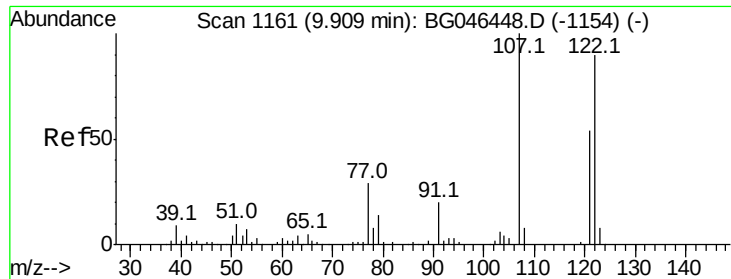
Delta R.T. 0.00 min

Lab File: BG046578.D

Acq: 9 Sep 2020 18:37

Tgt Ion:	139	Resp:	111234
Ion Ratio	Lower	Upper	
139	100		
109	26.4	18.8	28.2
65	45.0	35.0	52.6





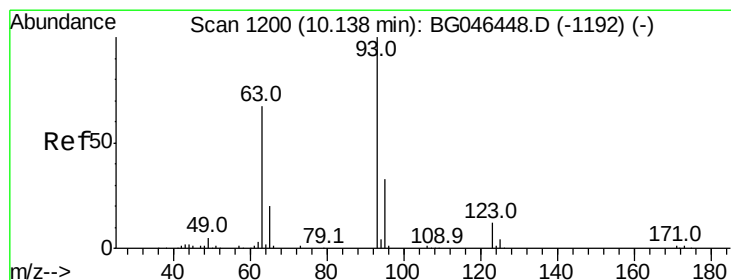
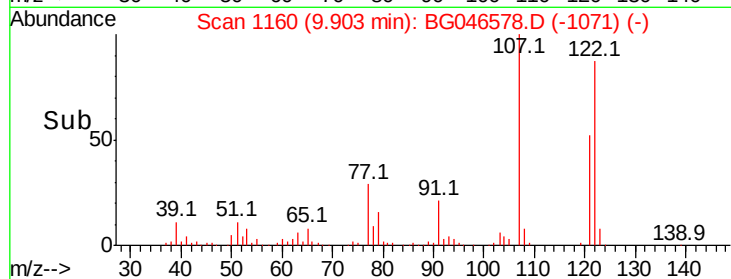
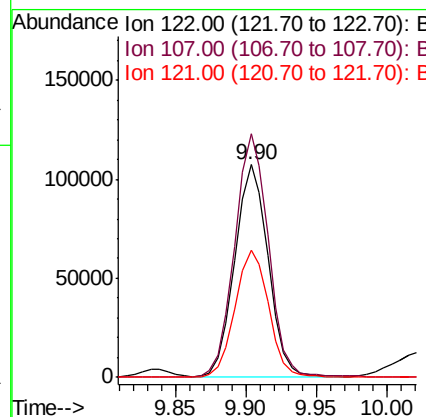
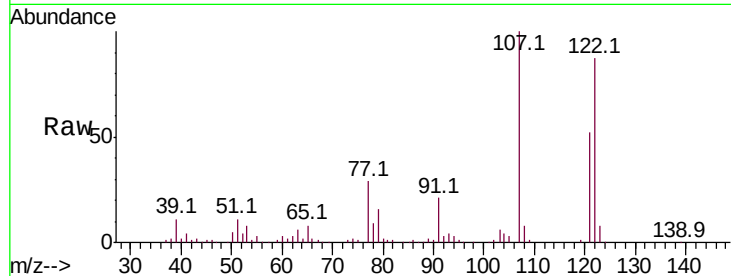
#27
2,4-Dimethylphenol
Concen: 47.704 ng
RT: 9.90 min Scan# 1160
Delta R.T. -0.01 min
Lab File: BG046578.D
Acq: 9 Sep 2020 18:37

Instrument :
BNA_G
ClientSampleId :
VNJ-218MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
122	100				
107	114.6	88.2	132.2		
121	59.9	47.4	71.0		

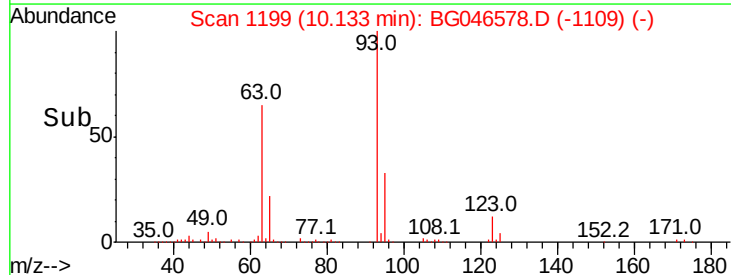
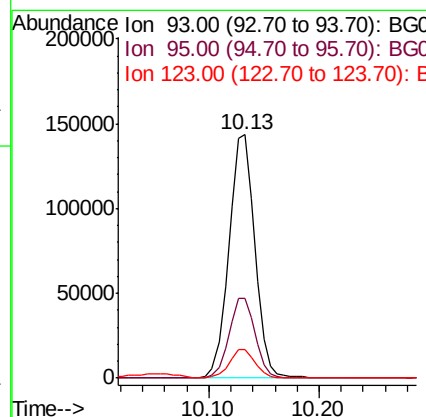
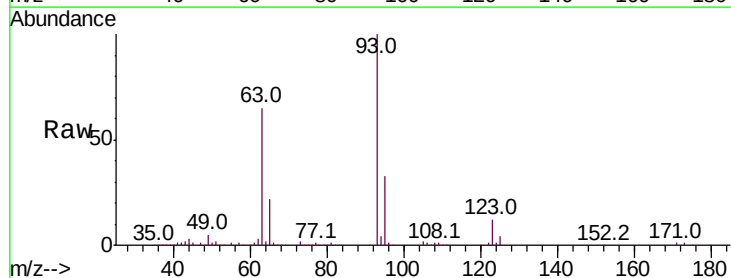
Manual Integrations
APPROVED

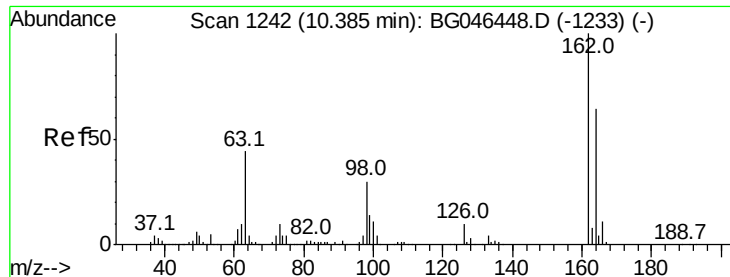
mohammad
9/10/2020 10:36:01 AM



#28
bis(2-Chloroethoxy)methane
Concen: 38.828 ng
RT: 10.13 min Scan# 1199
Delta R.T. 0.00 min
Lab File: BG046578.D
Acq: 9 Sep 2020 18:37

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100				
95	32.9	26.1	39.1		
123	11.6	9.5	14.3		





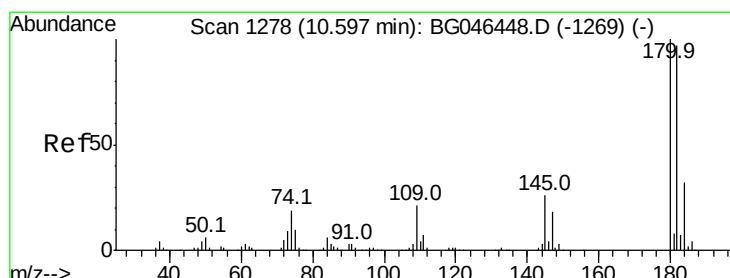
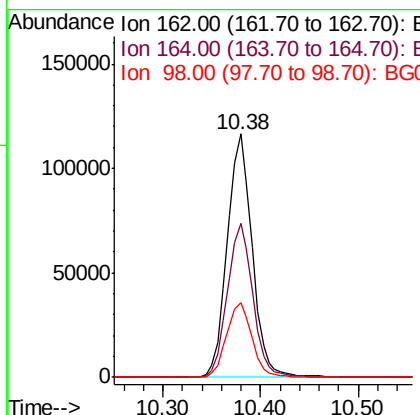
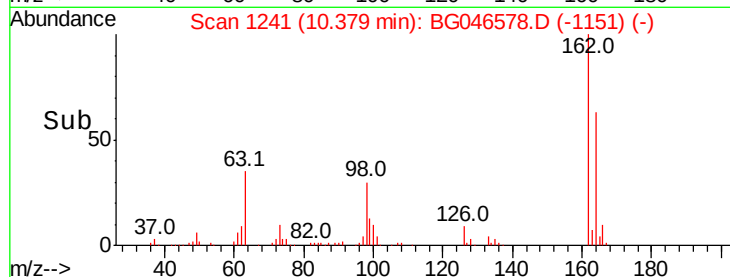
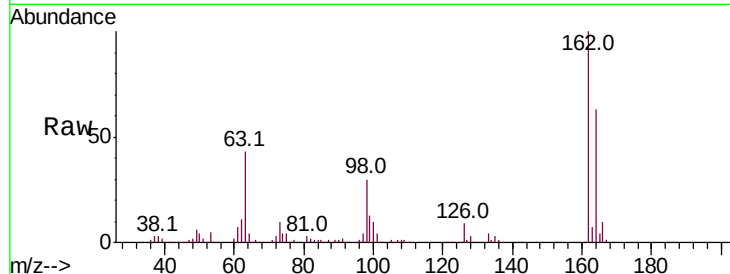
#29
2,4-Dichlorophenol
Concen: 42.063 ng
RT: 10.38 min Scan# 1241
Delta R.T. 0.00 min
Lab File: BG046578.D
Acq: 9 Sep 2020 18:37

Instrument :
BNA_G
ClientSampleId :
VNJ-218MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	207280		
164	63.1	44.3	84.3	
98	30.4	10.0	50.0	

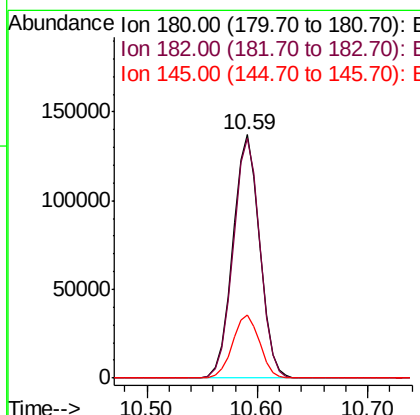
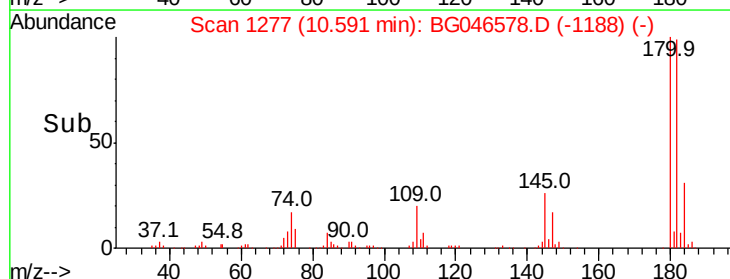
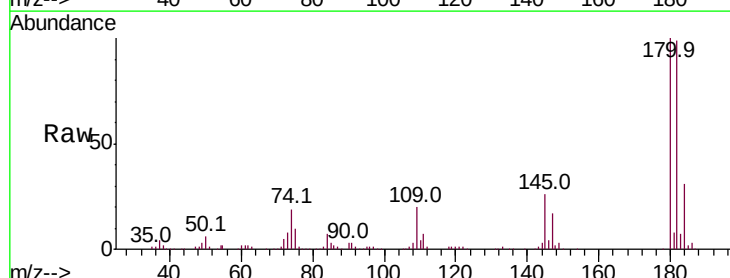
Manual Integrations
APPROVED

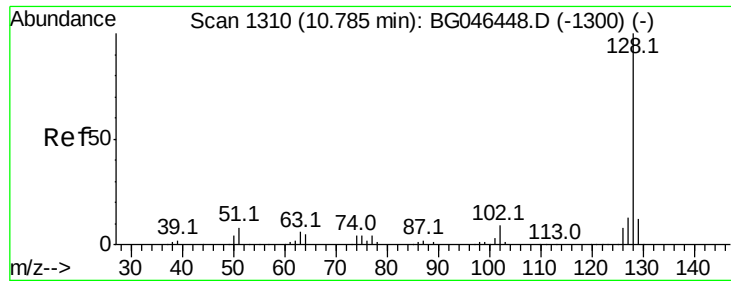
mohammad
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#30
1,2,4-Trichlorobenzene
Concen: 39.945 ng
RT: 10.59 min Scan# 1277
Delta R.T. -0.01 min
Lab File: BG046578.D
Acq: 9 Sep 2020 18:37

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	233554		
182	98.7	77.8	116.8	
145	26.1	20.9	31.3	





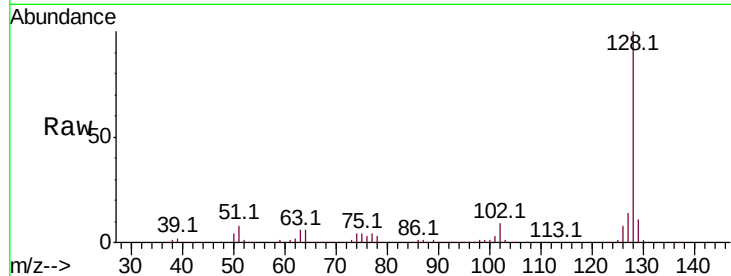
#31
Naphthalene
Concen: 41.066 ng
RT: 10.77 min Scan# 1308
Delta R.T. -0.01 min
Lab File: BG046578.D
Acq: 9 Sep 2020 18:37

Instrument :
BNA_G
ClientSampleId :
VNJ-218MSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.2	13.8
127	13.7	10.7	16.1

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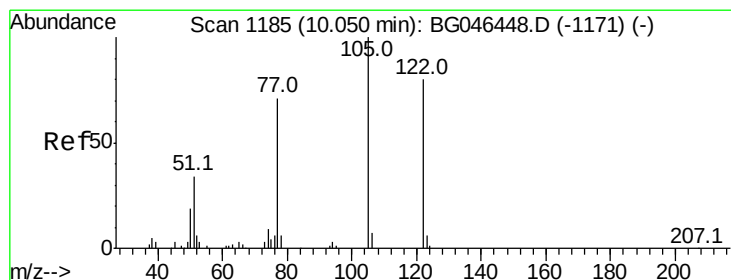
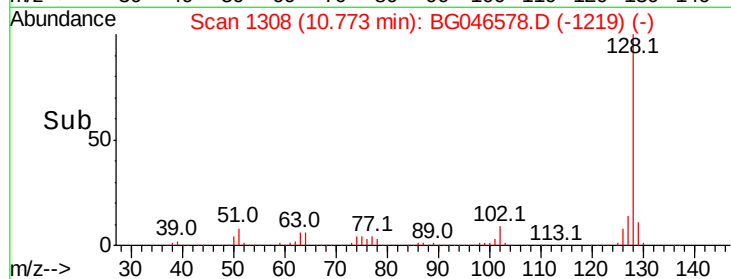
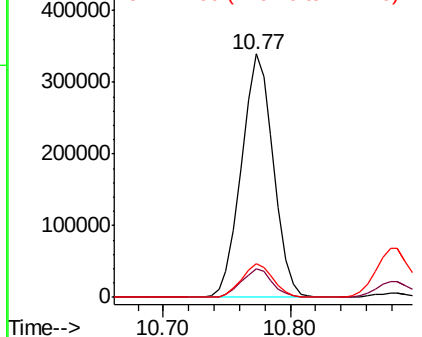


Abundance

Ion 128.00 (127.70 to 128.70): E

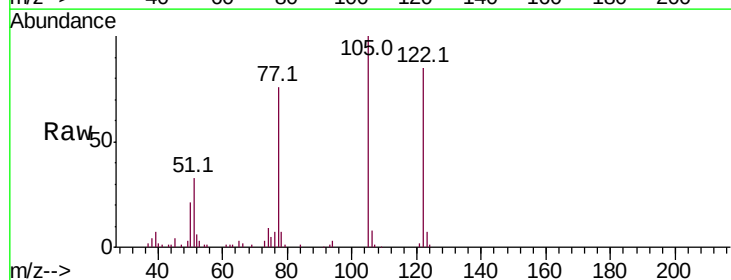
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 39.531 ng
RT: 10.06 min Scan# 1186
Delta R.T. 0.00 min
Lab File: BG046578.D
Acq: 9 Sep 2020 18:37

Tgt Ion	Ratio	Lower	Upper
122	100		
105	117.4	102.5	142.5
77	89.1	68.2	108.2

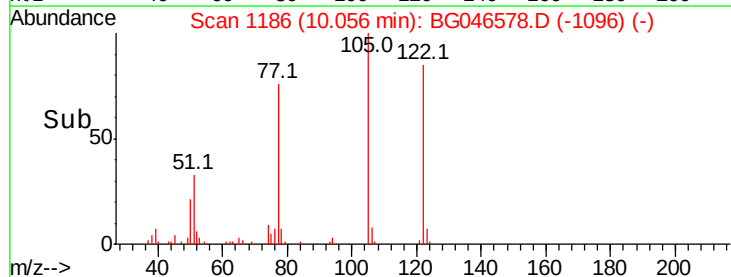
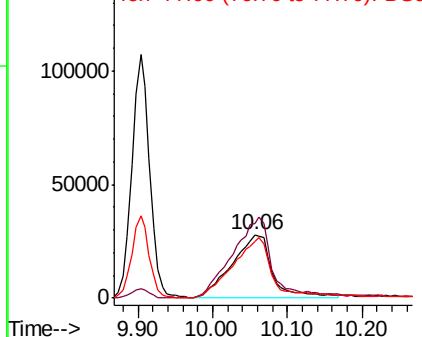


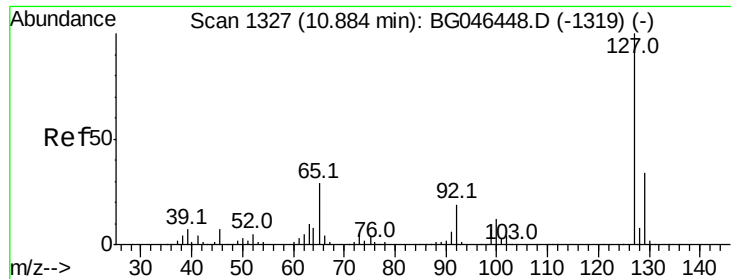
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG





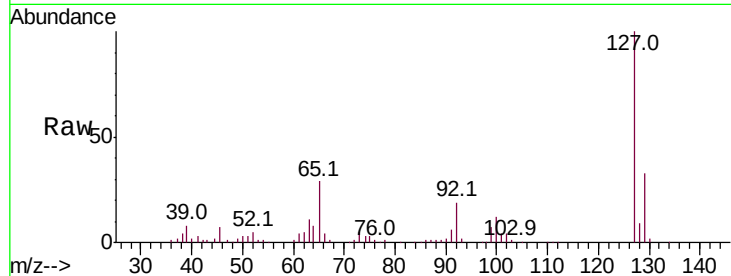
#33
4-Chloroaniline
Concen: 22.482 ng
RT: 10.88 min Scan# 1326
Delta R.T. -0.01 min
Lab File: BG046578.D
Acq: 9 Sep 2020 18:37

Instrument :
BNA_G
ClientSampled :
VNJ-218MSD

Tot Ion	Ratio	Lower	Upper
127	100		
129	33.0	27.0	40.4
65	28.6	23.5	35.3
92	18.6	14.9	22.3

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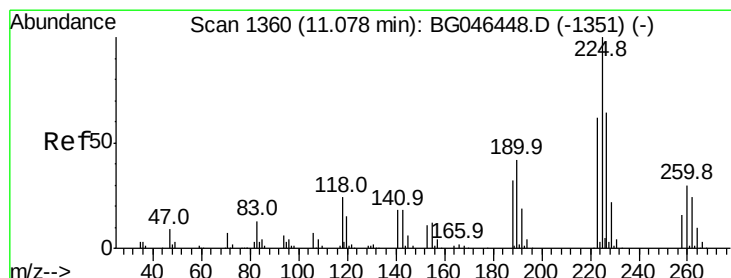
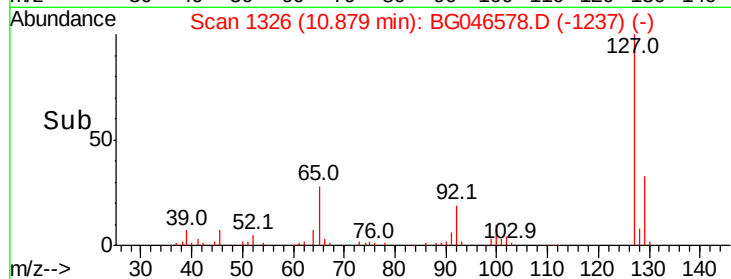
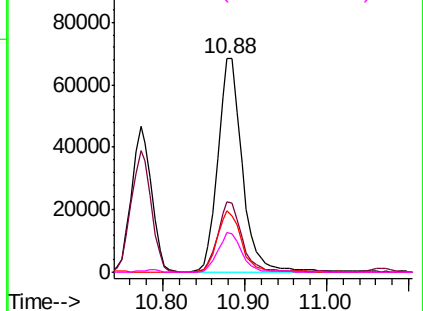
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

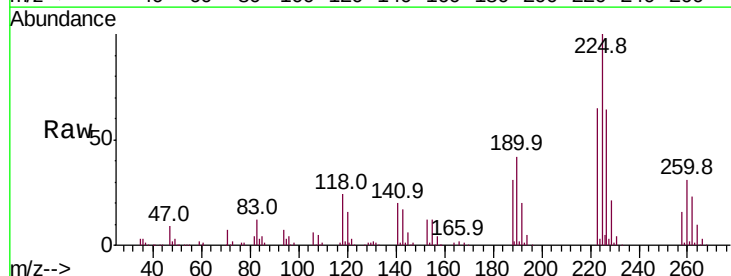
Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC



#34
Hexachlorobutadiene
Concen: 40.865 ng
RT: 11.07 min Scan# 1358
Delta R.T. -0.01 min
Lab File: BG046578.D
Acq: 9 Sep 2020 18:37

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.7	49.9	74.9
227	63.8	51.6	77.4

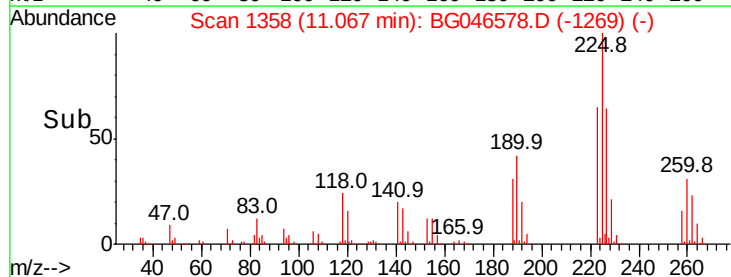
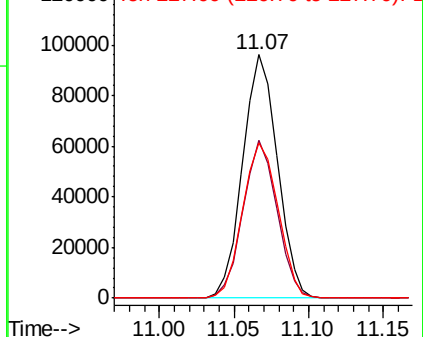


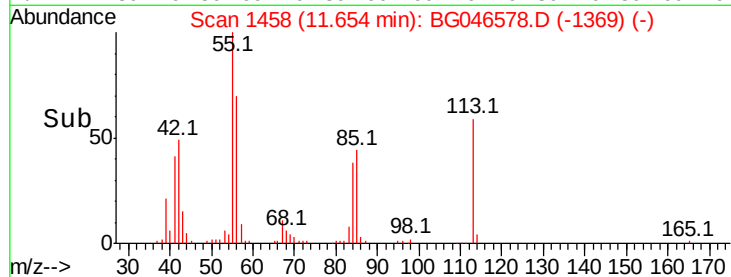
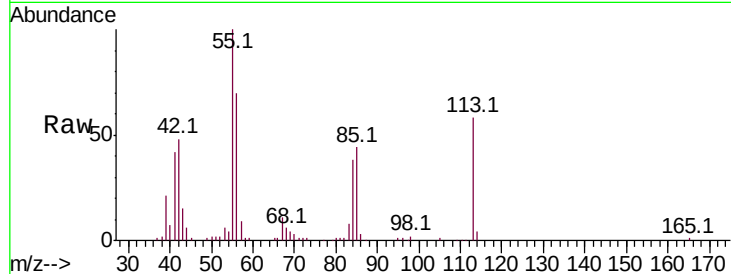
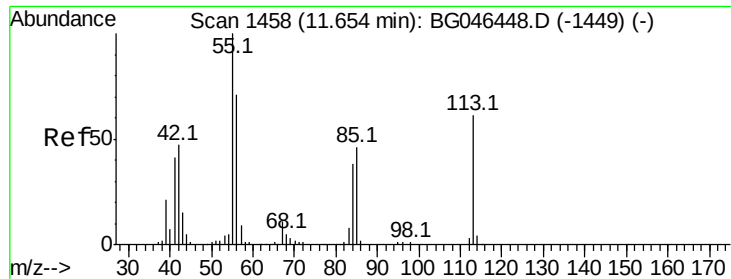
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





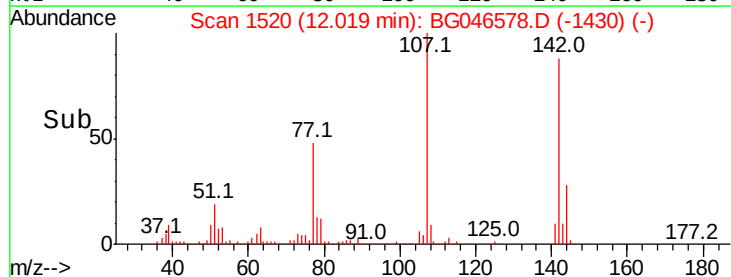
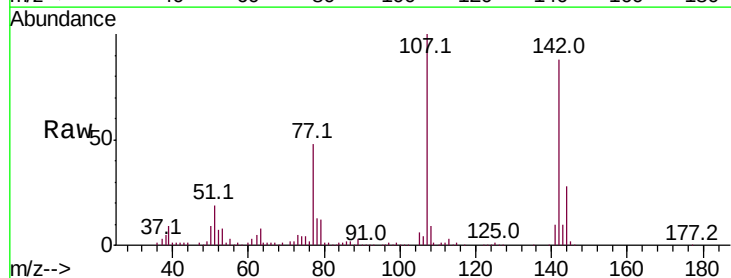
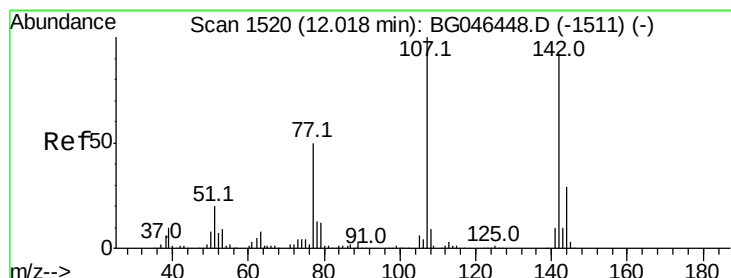
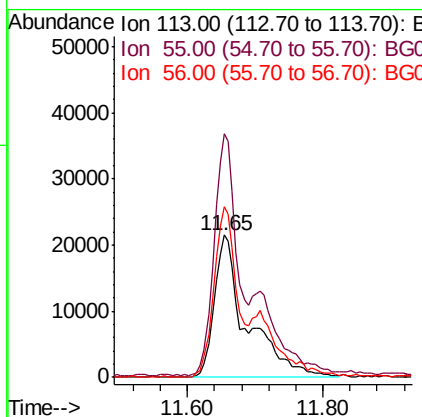
#35
Caprolactam
Concen: 39.452 ng/ml
RT: 11.65 min Scan# 1458
Delta R.T. -0.01 min
Lab File: BG046578.D
Acq: 9 Sep 2020 18:37

Instrument :
BNA_G
ClientSampleID :
VNJ-218MSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	171.0	144.2	184.2
56	119.5	97.0	137.0

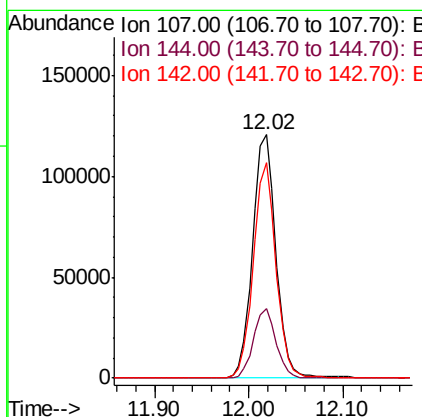
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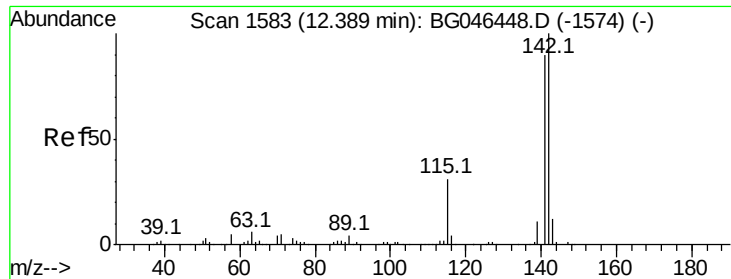
mohammad
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#36
4-Chloro-3-methylphenol
Concen: 43.084 ng
RT: 12.02 min Scan# 1520
Delta R.T. 0.00 min
Lab File: BG046578.D
Acq: 9 Sep 2020 18:37

Tgt Ion	Ratio	Lower	Upper
107	100		
144	28.3	23.3	34.9
142	88.3	73.7	110.5





#37

2-Methylnaphthalene

Concen: 42.473 ng

RT: 12.38 min Scan# 1582

Delta R.T. -0.01 min

Lab File: BG046578.D

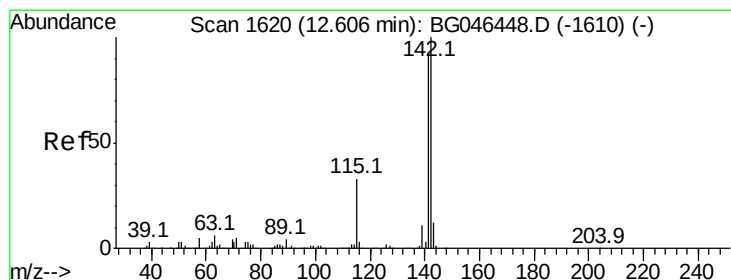
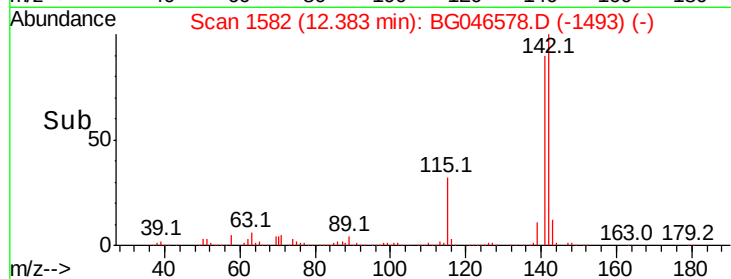
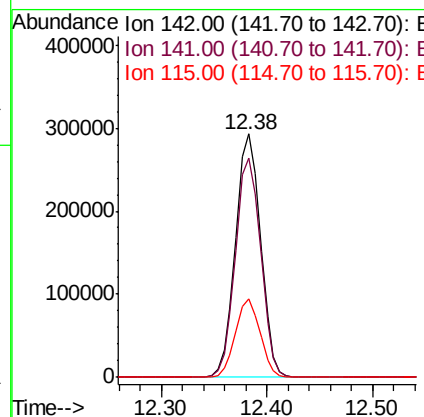
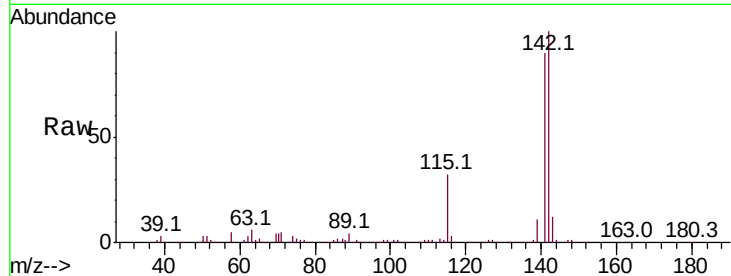
Acq: 9 Sep 2020 18:37

Instrument :
BNA_G
ClientSampleId :
VNJ-218MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.2	72.1	108.1
115	32.1	24.9	37.3

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#38

1-Methylnaphthalene

Concen: 41.580 ng

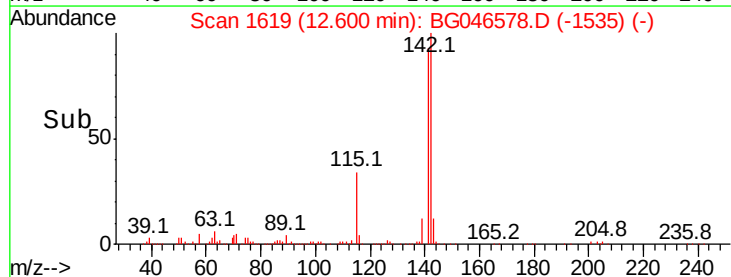
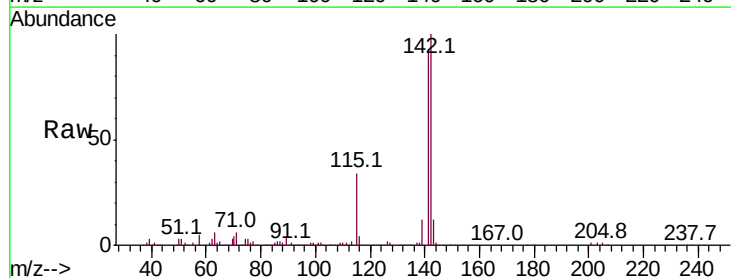
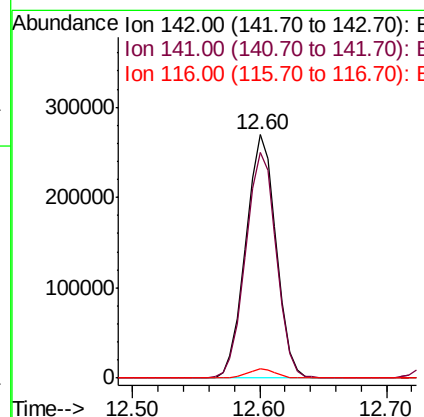
RT: 12.60 min Scan# 1619

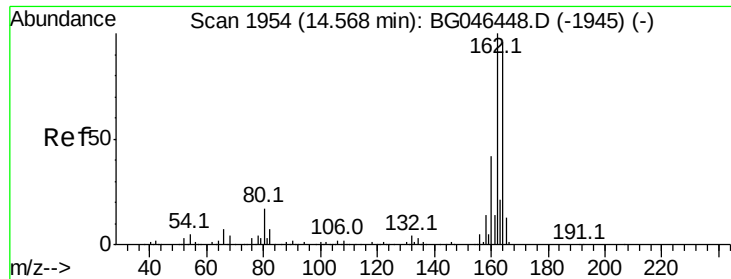
Delta R.T. -0.01 min

Lab File: BG046578.D

Acq: 9 Sep 2020 18:37

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.6	74.7	112.1
116	3.8	2.6	4.0





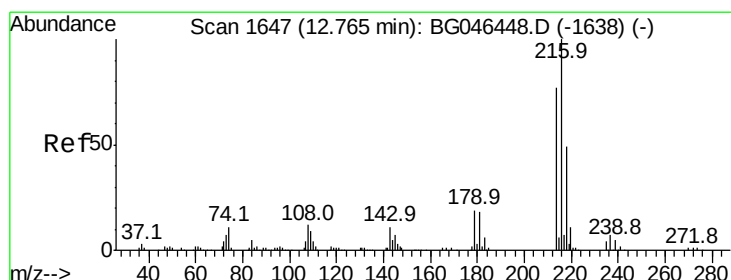
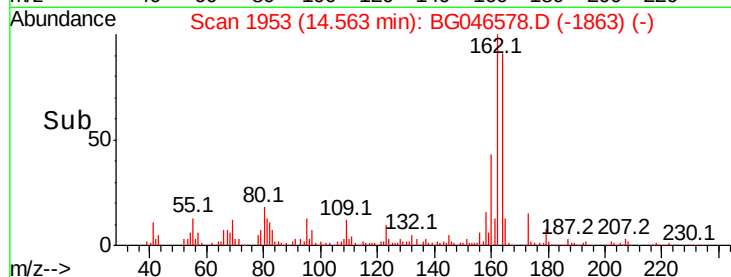
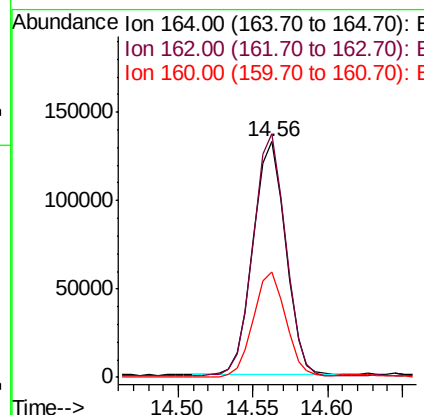
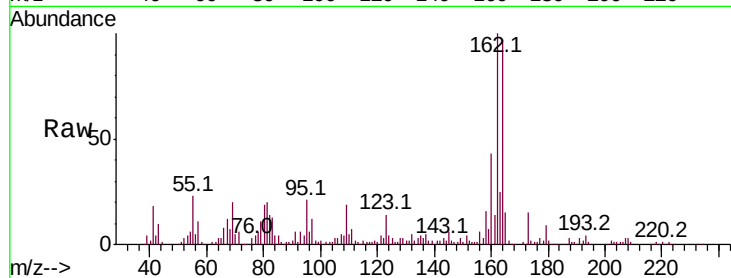
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.56 min Scan# 1953
Delta R.T. 0.00 min
Lab File: BG046578.D
Acq: 9 Sep 2020 18:37

Instrument :
BNA_G
ClientSampleId :
VNJ-218MSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.5	83.3	124.9
160	44.9	35.0	52.6

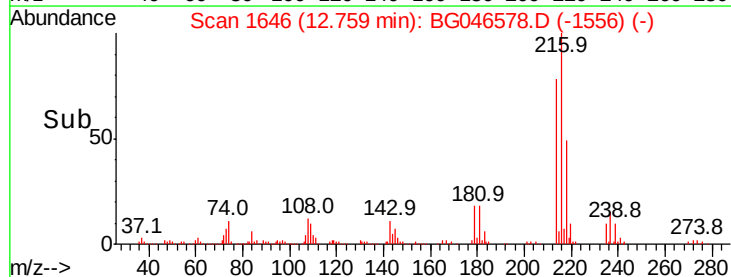
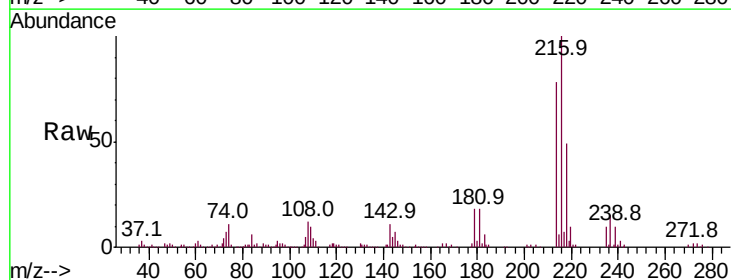
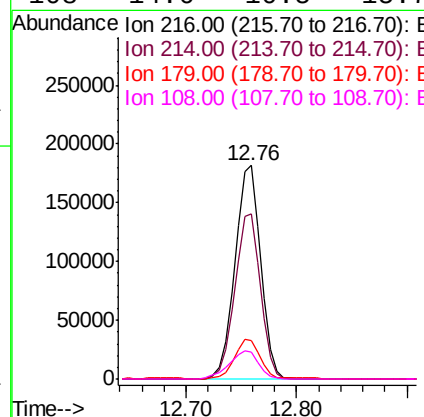
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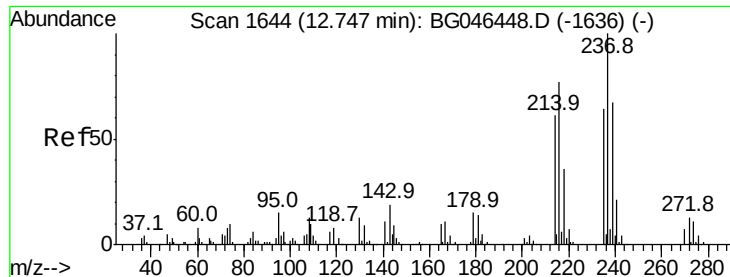
mohammad
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.987 ng
RT: 12.76 min Scan# 1646
Delta R.T. 0.00 min
Lab File: BG046578.D
Acq: 9 Sep 2020 18:37

Tgt Ion	Ratio	Lower	Upper
216	100		
214	77.4	62.1	93.1
179	18.2	14.9	22.3
108	14.6	10.5	15.7





#41

Hexachlorocyclopentadiene

Concen: 116.956 ng

RT: 12.74 min Scan# 1643

Delta R.T. 0.00 min

Lab File: BG046578.D

Acq: 9 Sep 2020 18:37

Instrument :

BNA_G

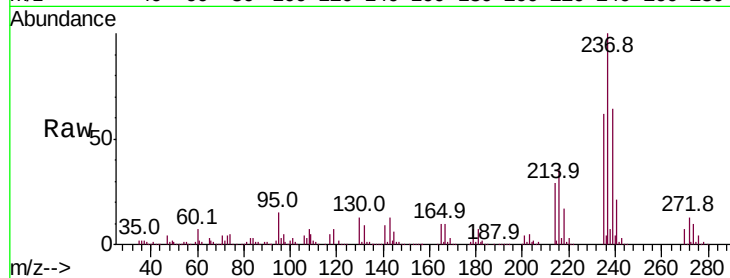
ClientSampleId :

VNJ-218MSD

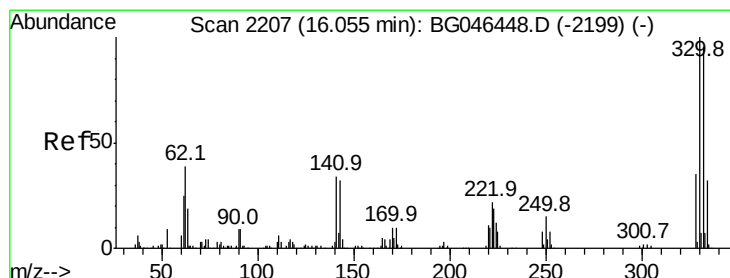
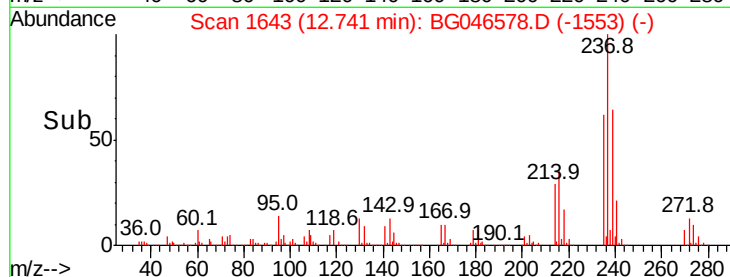
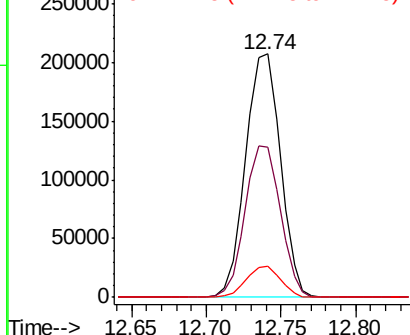
Tot Ion:	237	Resp:	335013
Ion Ratio	Lower	Upper	
237	100		
235	61.9	44.5	84.5
272	12.5	0.0	32.8

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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: 73.765 ng

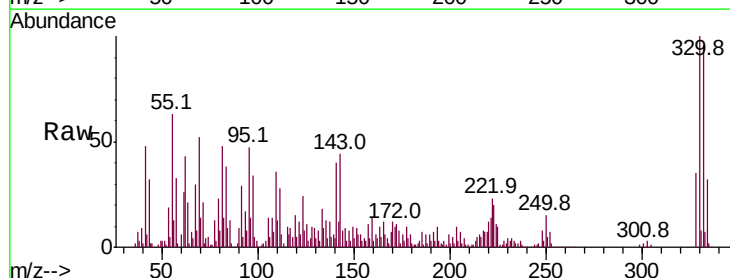
RT: 16.05 min Scan# 2207

Delta R.T. 0.01 min

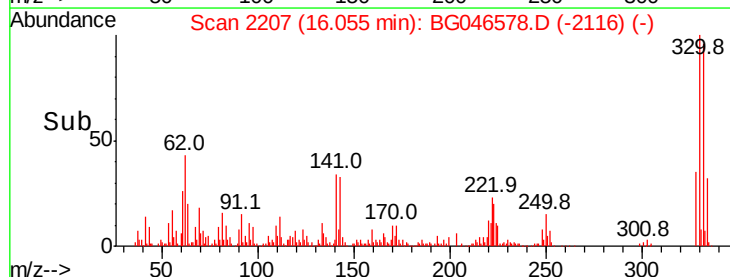
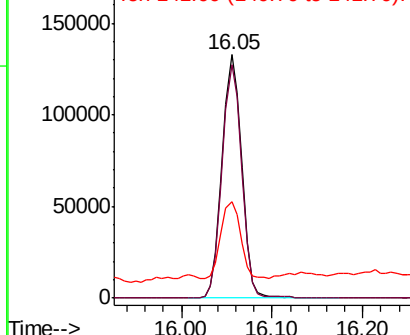
Lab File: BG046578.D

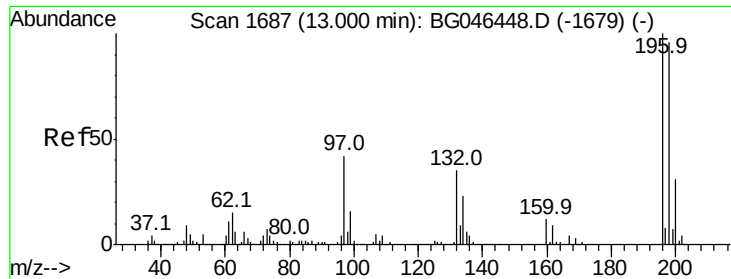
Acq: 9 Sep 2020 18:37

Tgt Ion:	330	Resp:	199660
Ion Ratio	Lower	Upper	
330	100		
332	96.3	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





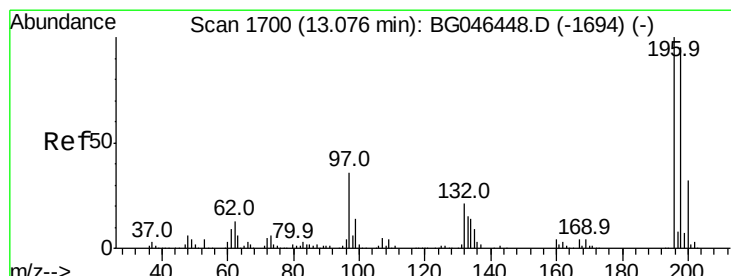
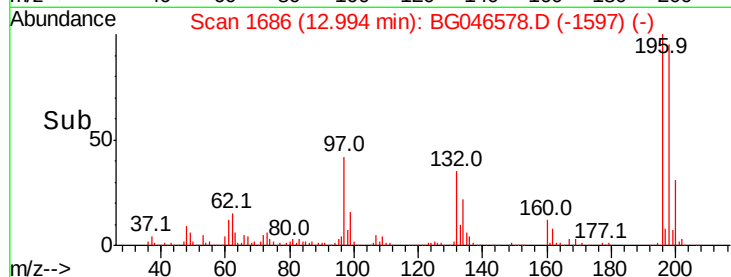
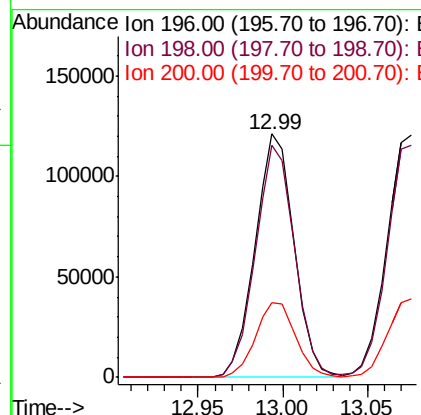
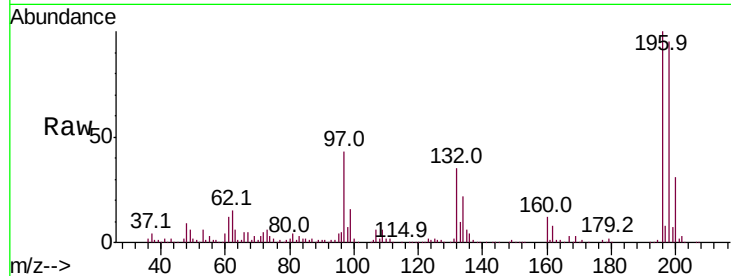
#43
 2,4,6-Trichlorophenol
 Concen: 43.474 ng
 RT: 12.99 min Scan# 1686
 Delta R.T. -0.01 min
 Lab File: BG046578.D
 Acq: 9 Sep 2020 18:37

Instrument :
 BNA_G
 ClientSampleId :
 VNJ-218MSD

Tot Ion:196	Resp:	193263
Ion Ratio	Lower	Upper
196	100	
198	95.2	77.0 115.6
200	30.6	25.2 37.8

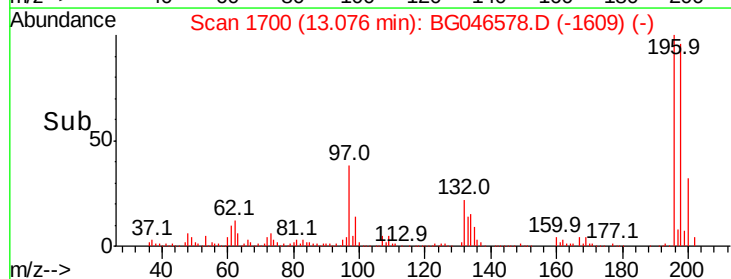
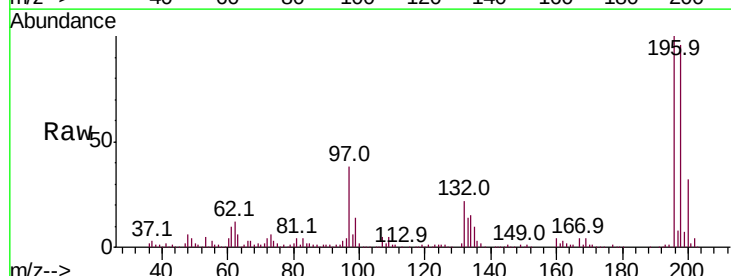
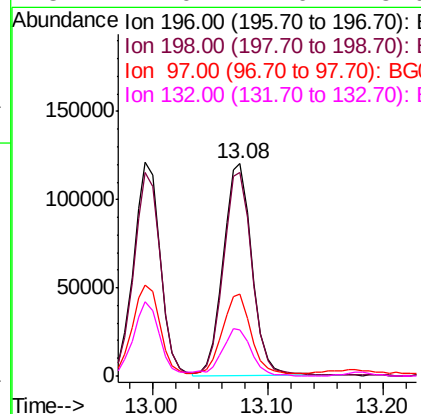
Manual Integrations
 APPROVED

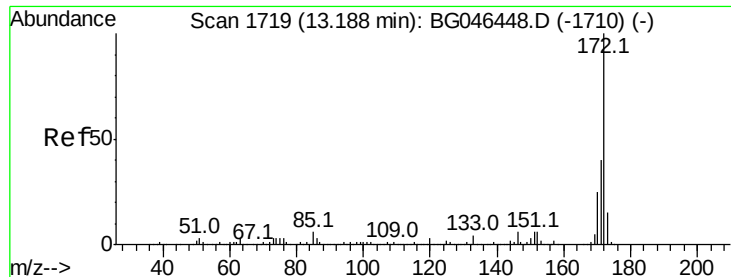
mohammad
 9/10/2020 10:36:01 AM



#44
 2,4,5-Trichlorophenol
 Concen: 44.265 ng
 RT: 13.08 min Scan# 1700
 Delta R.T. 0.01 min
 Lab File: BG046578.D
 Acq: 9 Sep 2020 18:37

Tgt Ion:196	Resp:	206751
Ion Ratio	Lower	Upper
196	100	
198	96.0	75.6 113.4
97	38.3	28.6 43.0
132	22.0	17.0 25.6





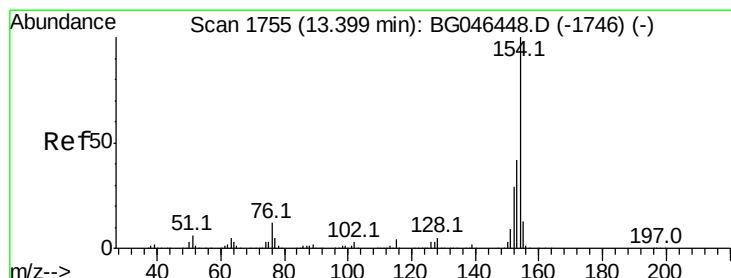
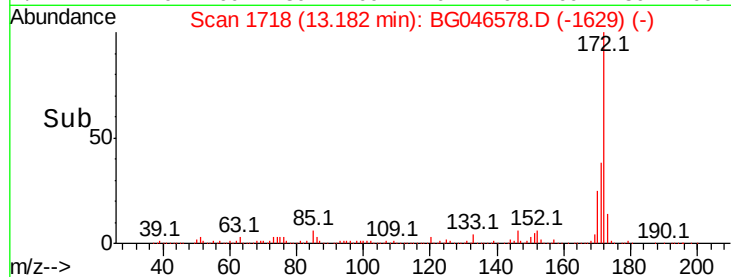
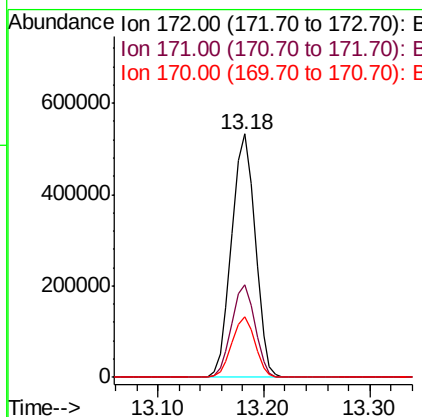
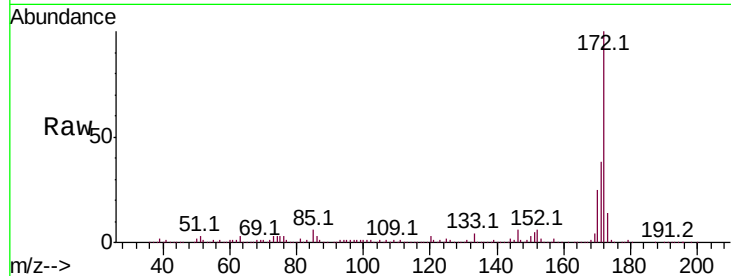
#45
2-Fluorobiphenyl
Concen: 62.691 ng
RT: 13.18 min Scan# 1718
Delta R.T. -0.01 min
Lab File: BG046578.D
Acq: 9 Sep 2020 18:37

Instrument :
BNA_G
ClientSampleId :
VNJ-218MSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.8	31.8	47.6
170	25.1	20.3	30.5

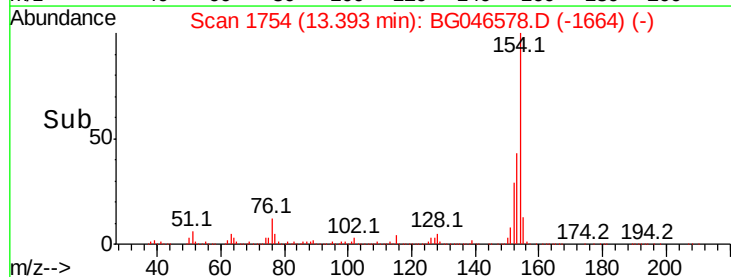
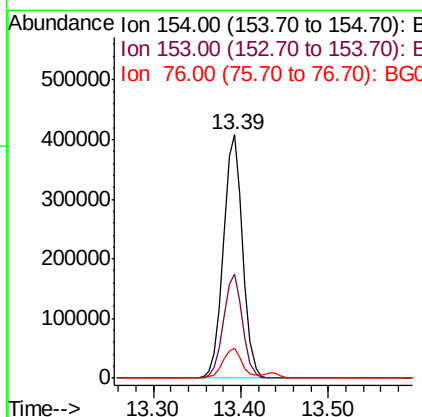
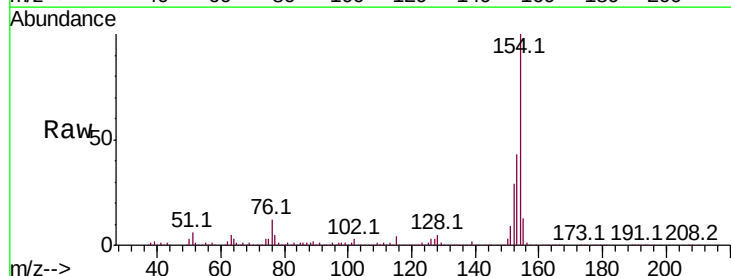
Manual Integrations
APPROVED

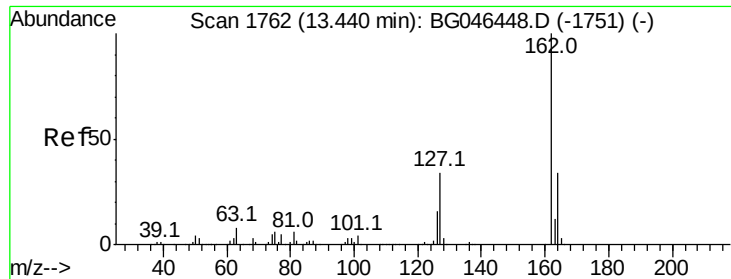
mohammad
9/10/2020 10:36:01 AM



#46
1,1'-Biphenyl
Concen: 44.367 ng
RT: 13.39 min Scan# 1754
Delta R.T. 0.00 min
Lab File: BG046578.D
Acq: 9 Sep 2020 18:37

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.6	22.0	62.0
76	12.0	0.0	32.3





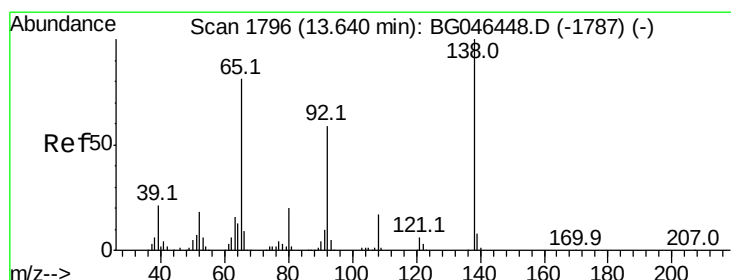
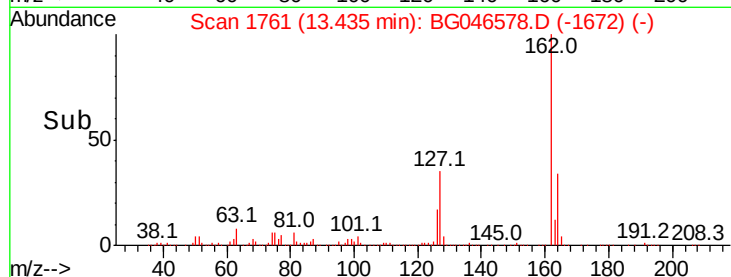
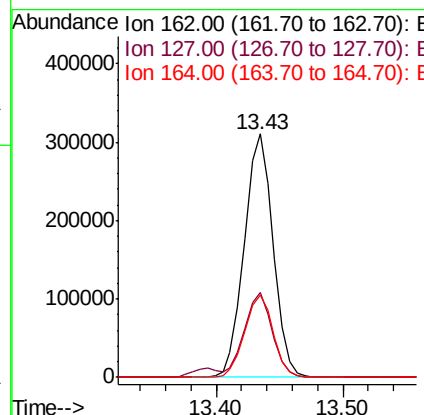
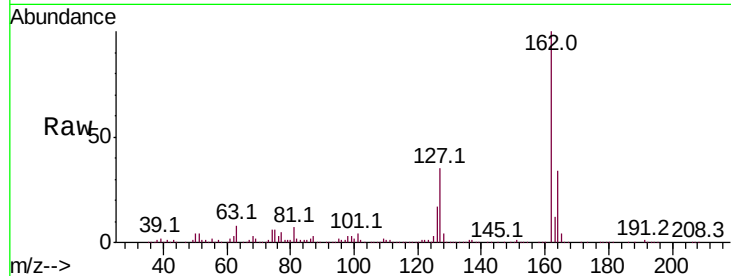
#47
2-Chloronaphthalene
Concen: 41.407 ng
RT: 13.43 min Scan# 1761
Delta R.T. -0.01 min
Lab File: BG046578.D
Acq: 9 Sep 2020 18:37

Instrument :
BNA_G
ClientSampleId :
VNJ-218MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100			
127	35.0	27.6	41.4	
164	33.9	27.3	40.9	

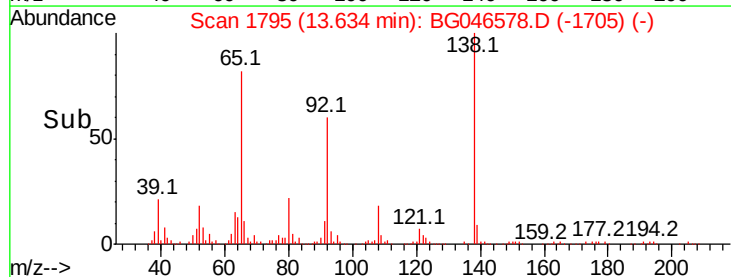
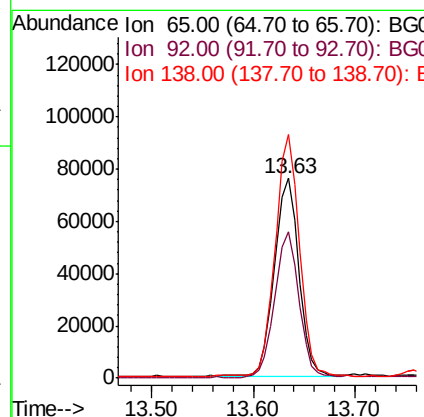
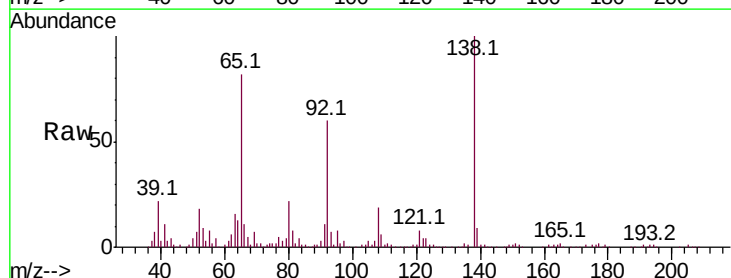
Manual Integrations
APPROVED

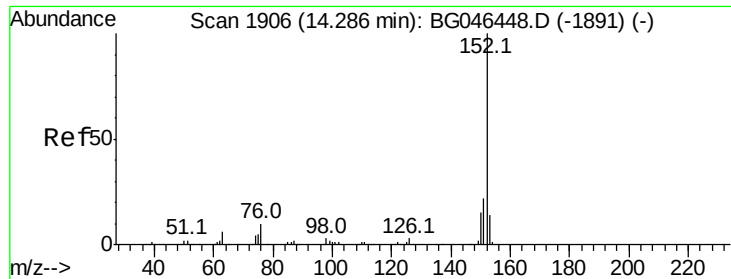
mohammad
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#48
2-Nitroaniline
Concen: 39.534 ng
RT: 13.63 min Scan# 1795
Delta R.T. 0.00 min
Lab File: BG046578.D
Acq: 9 Sep 2020 18:37

Tgt Ion	Ratio	Resp	Lower	Upper
65	100			
92	73.2	58.5	87.7	
138	121.7	98.4	147.6	





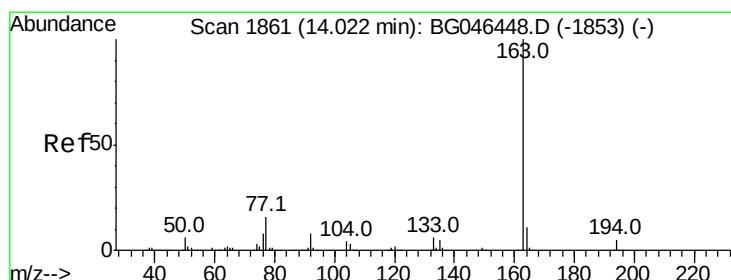
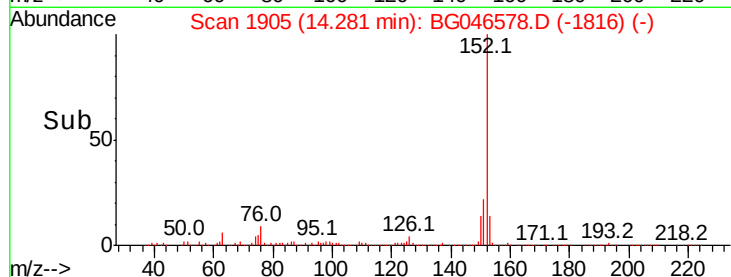
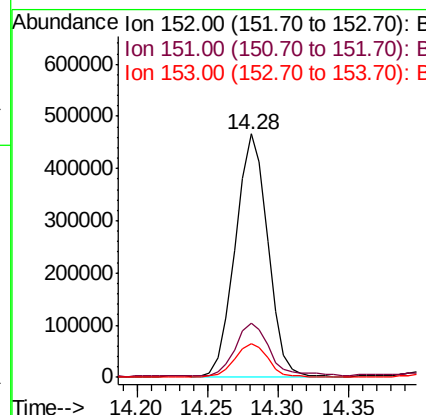
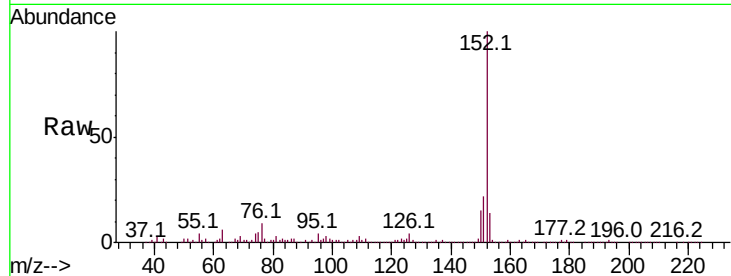
#49
Acenaphthylene
Concen: 41.517 ng
RT: 14.28 min Scan# 1905
Delta R.T. -0.01 min
Lab File: BG046578.D
Acq: 9 Sep 2020 18:37

Instrument :
BNA_G
ClientSampleId :
VNJ-218MSD

Tot Ion	Ratio	Lower	Upper
152	100		
151	22.2	17.7	26.5
153	14.1	11.2	16.8

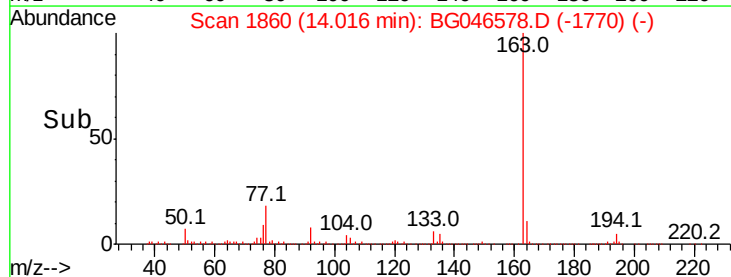
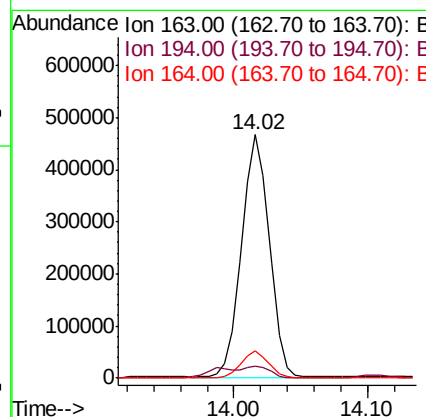
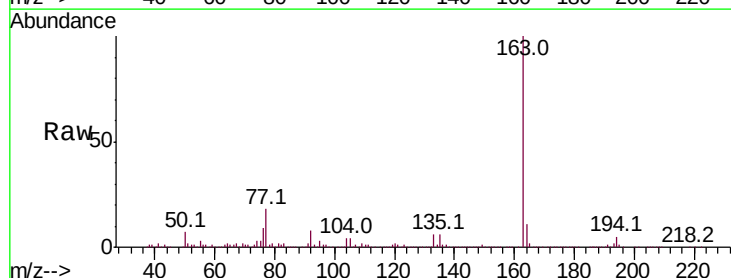
Manual Integrations
APPROVED

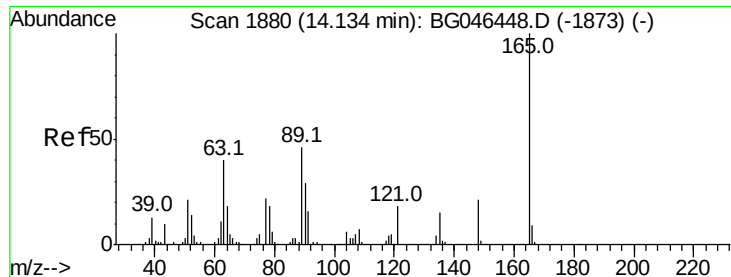
mohammad
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#50
Dimethylphthalate
Concen: 43.243 ng
RT: 14.02 min Scan# 1860
Delta R.T. 0.00 min
Lab File: BG046578.D
Acq: 9 Sep 2020 18:37

Tgt Ion	Ratio	Lower	Upper
163	100		
194	5.0	3.7	5.5
164	11.2	8.6	12.8





#51

2,6-Dinitrotoluene

Concen: 43.316 ng

RT: 14.13 min Scan# 1879

Delta R.T. -0.01 min

Lab File: BG046578.D

Acq: 9 Sep 2020 18:37

Instrument :

BNA_G

ClientSampleId :

VNJ-218MSD

Tot Ion:165 Resp: 147570

Ion Ratio Lower Upper

165 100

63 42.1 34.2 51.4

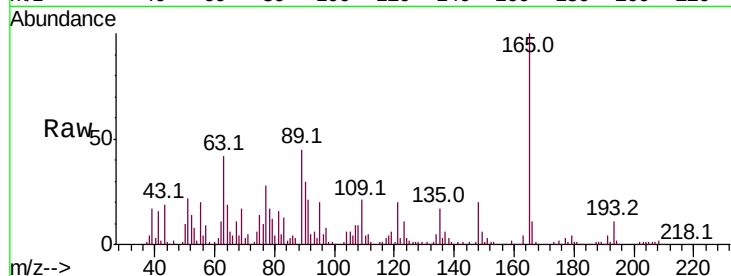
89 44.9 37.0 55.4

Manual Integrations

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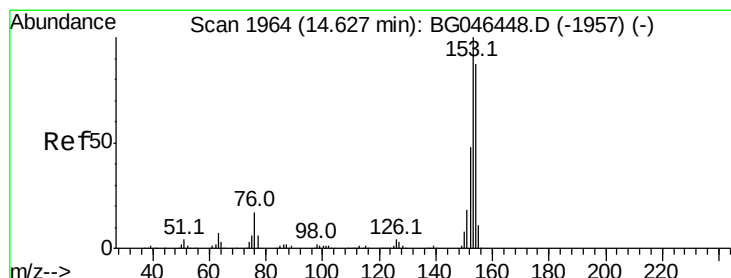
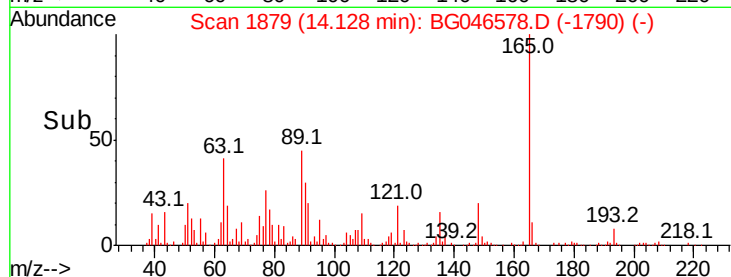
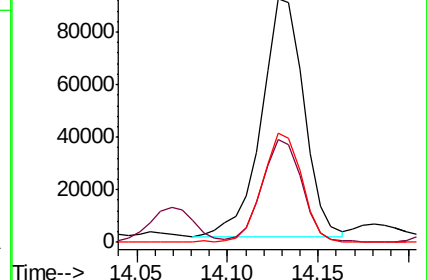
9/10/2020 10:36:01 AM



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG



#52

Acenaphthene

Concen: 40.408 ng

RT: 14.63 min Scan# 1964

Delta R.T. 0.00 min

Lab File: BG046578.D

Acq: 9 Sep 2020 18:37

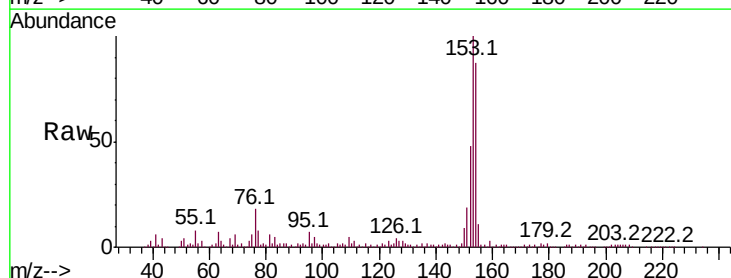
Tgt Ion:154 Resp: 447612

Ion Ratio Lower Upper

154 100

153 114.3 91.9 137.9

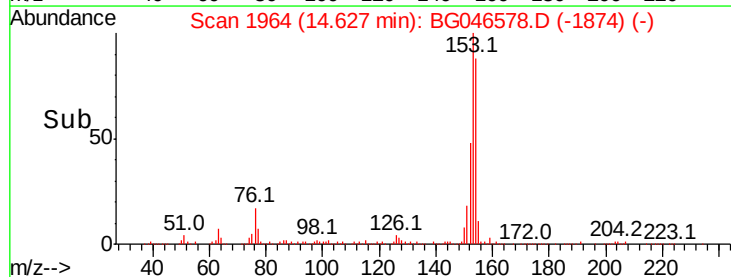
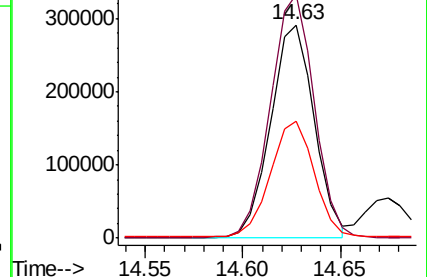
152 55.2 43.8 65.6

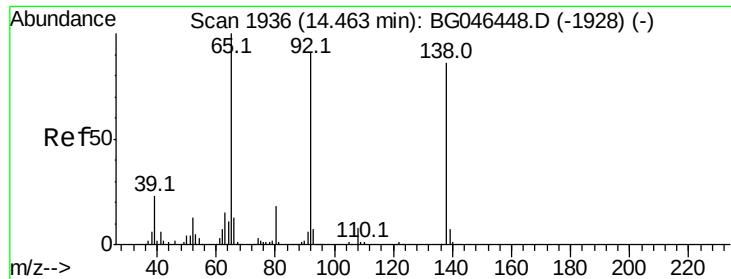


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 30.628 ng

RT: 14.46 min Scan# 1936

Delta R.T. 0.00 min

Lab File: BG046578.D

Acq: 9 Sep 2020 18:37

Instrument :

BNA_G

ClientSampleId :

VNJ-218MSD

Tot Ion:138 Resp: 113025

Ion Ratio Lower Upper

138 100

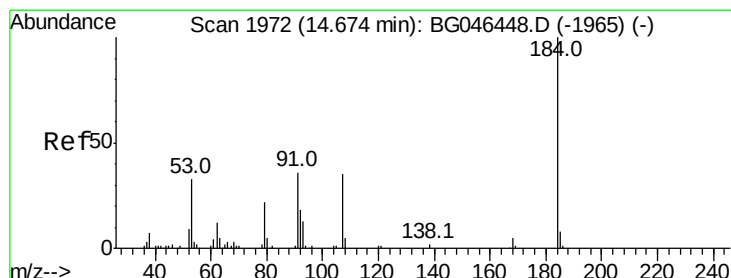
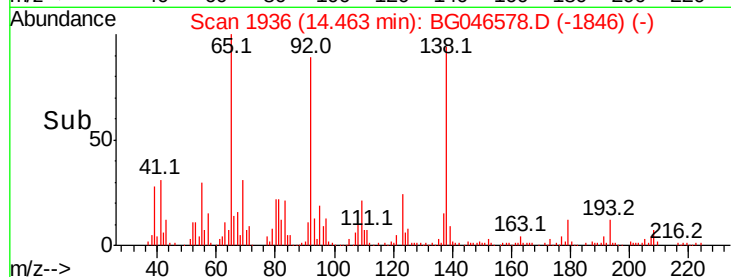
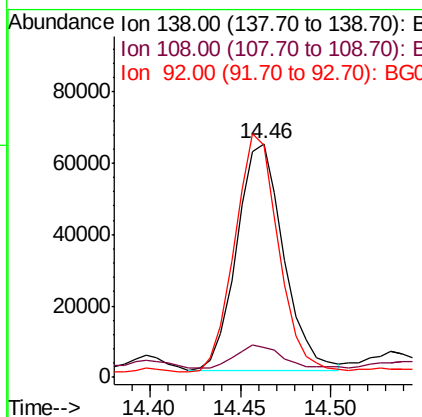
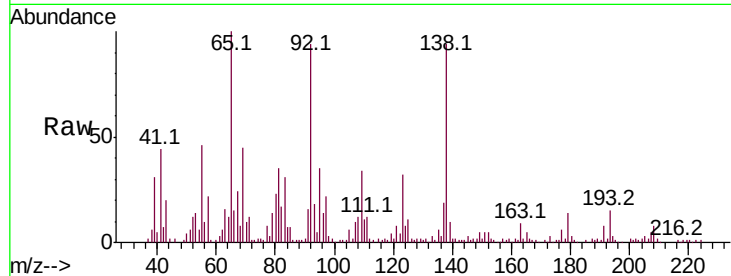
108 12.8 7.0 10.6#

92 99.3 84.6 127.0

Manual Integrations
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#54

2,4-Dinitrophenol

Concen: 86.863 ng

RT: 14.67 min Scan# 1972

Delta R.T. 0.00 min

Lab File: BG046578.D

Acq: 9 Sep 2020 18:37

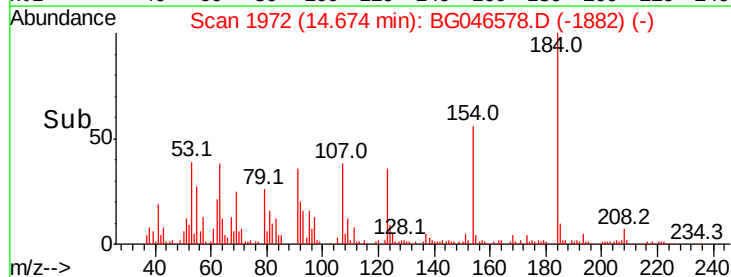
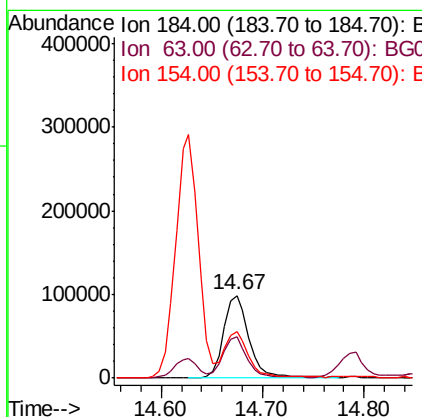
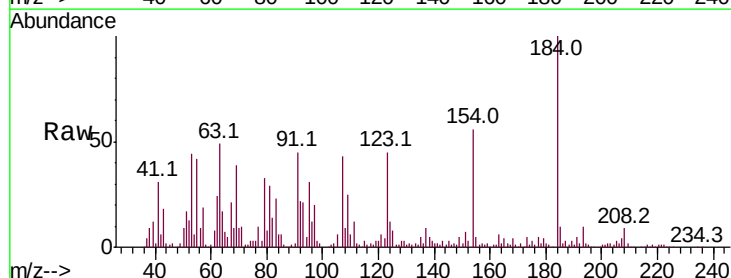
Tgt Ion:184 Resp: 172735

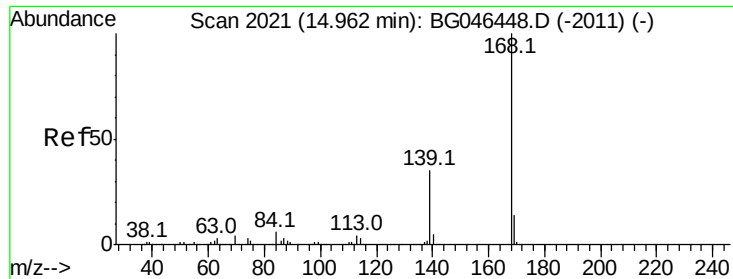
Ion Ratio Lower Upper

184 100

63 49.3 35.6 53.4

154 56.2 44.3 66.5





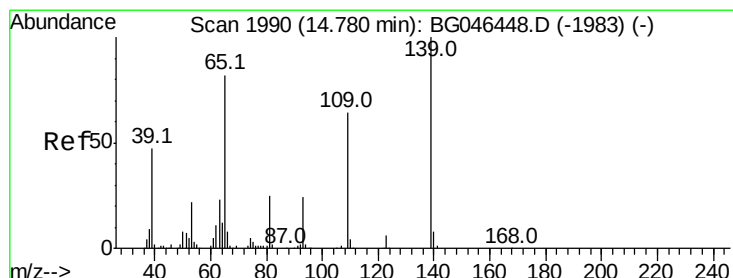
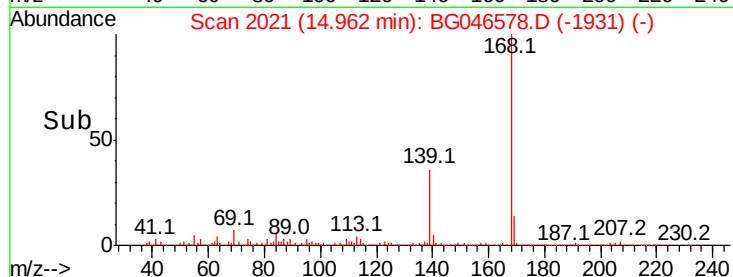
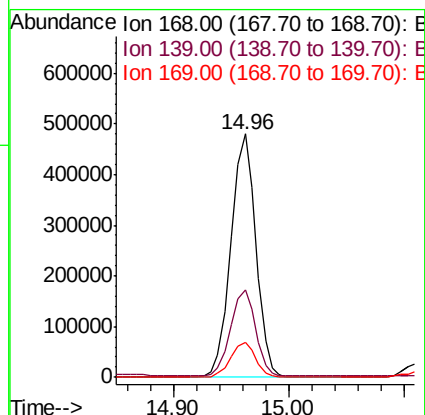
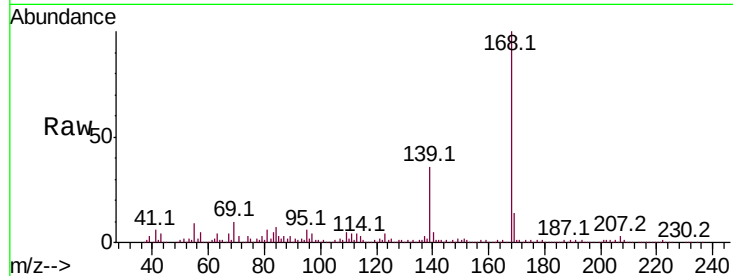
#55
Dibenzenofuran
Concen: 40.238 ng
RT: 14.96 min Scan# 2021
Delta R.T. 0.00 min
Lab File: BG046578.D
Acq: 9 Sep 2020 18:37

Instrument :
BNA_G
ClientSampleId :
VNJ-218MSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	36.1	28.1	42.1
169	14.1	11.5	17.3

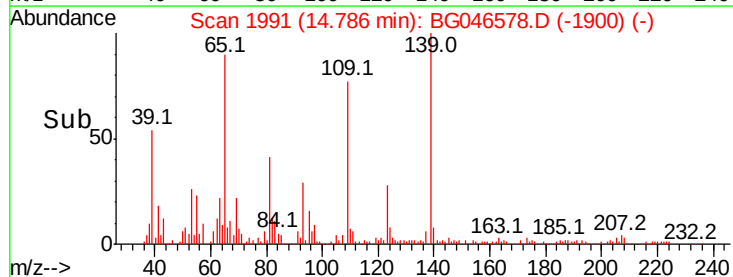
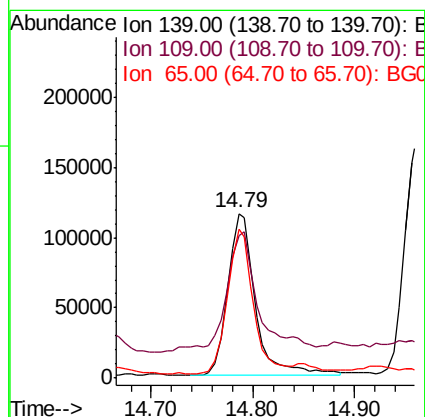
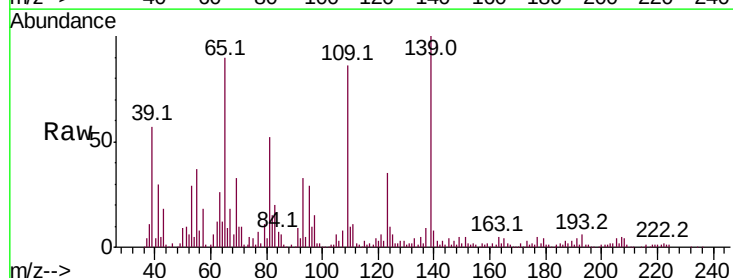
Manual Integrations
APPROVED

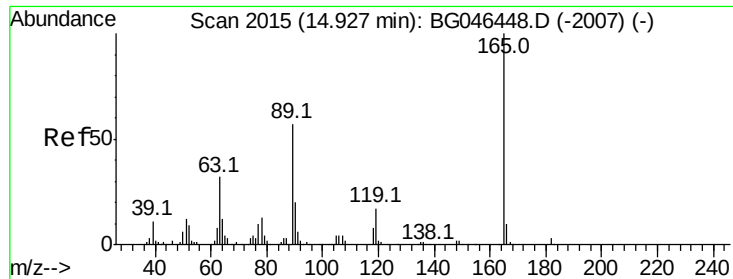
mohammad
9/10/2020 10:36:01 AM



#56
4-Nitrophenol
Concen: 80.870 ng
RT: 14.79 min Scan# 1991
Delta R.T. 0.01 min
Lab File: BG046578.D
Acq: 9 Sep 2020 18:37

Tgt Ion	Ratio	Lower	Upper
139	100		
109	86.4	44.3	84.3#
65	90.2	61.5	101.5





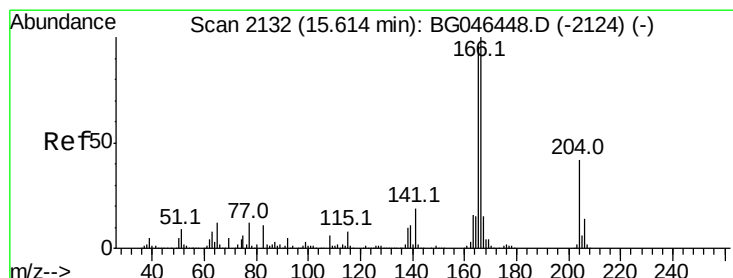
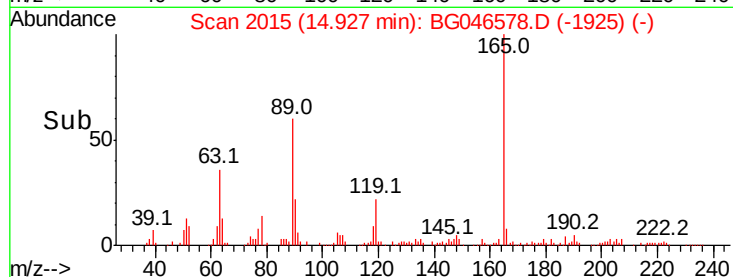
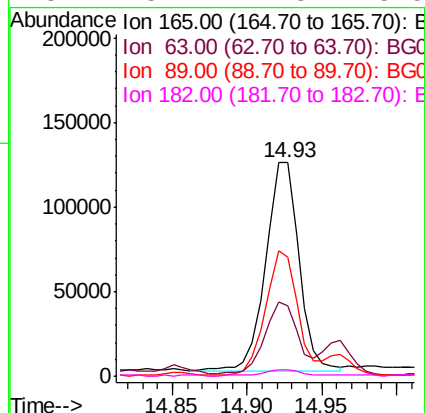
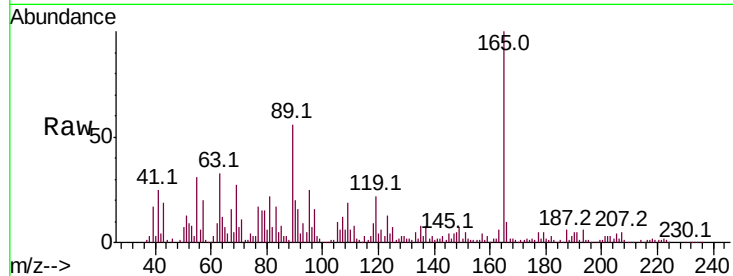
#57
2,4-Dinitrotoluene
Concen: 38.898 ng
RT: 14.93 min Scan# 2015
Delta R.T. 0.00 min
Lab File: BG046578.D
Acq: 9 Sep 2020 18:37

Instrument :
BNA_G
ClientSampleId :
VNJ-218MSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	33.2	25.4	38.0	
89	55.8	45.9	68.9	
182	3.2	2.3	3.5	

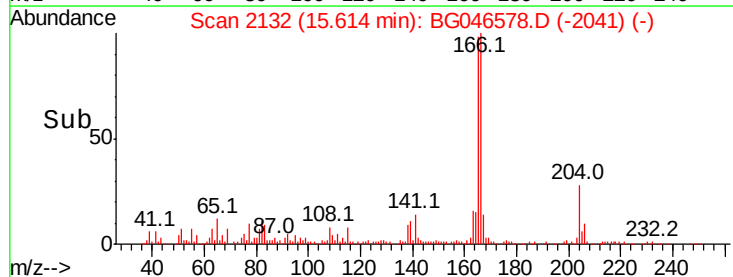
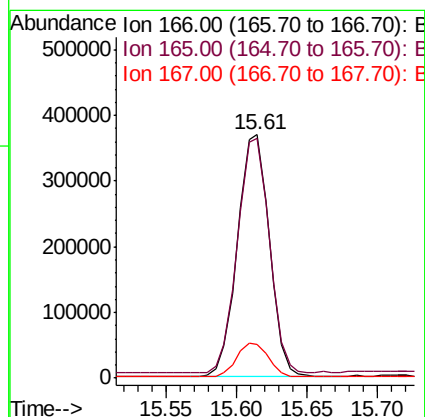
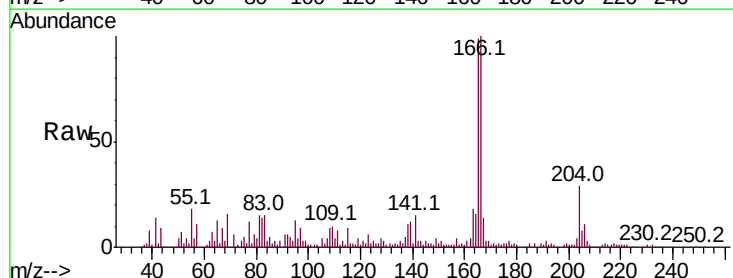
Manual Integrations
APPROVED

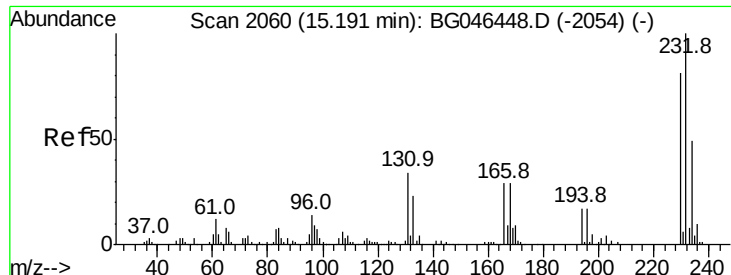
mohammad
9/10/2020 10:36:01 AM



#58
Fluorene
Concen: 38.986 ng
RT: 15.61 min Scan# 2132
Delta R.T. 0.01 min
Lab File: BG046578.D
Acq: 9 Sep 2020 18:37

Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	98.7	77.0	115.4	
167	14.0	11.8	17.6	





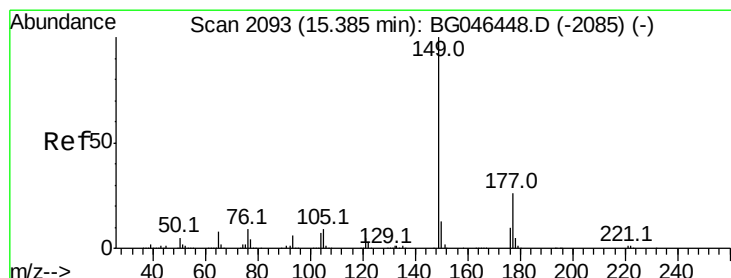
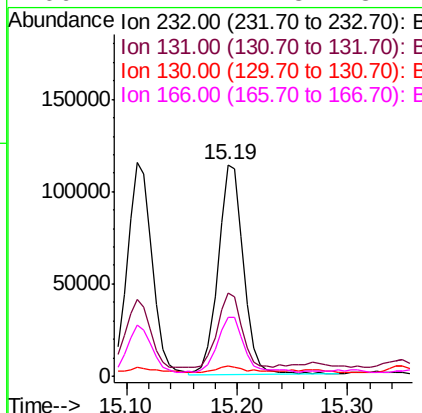
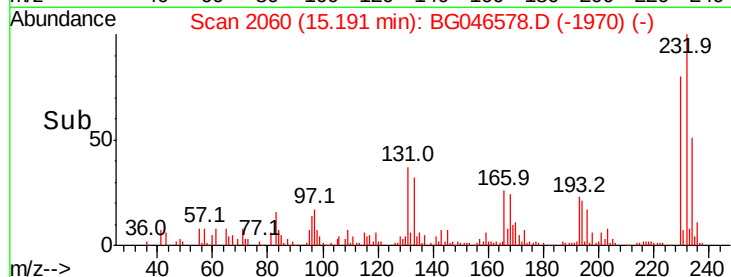
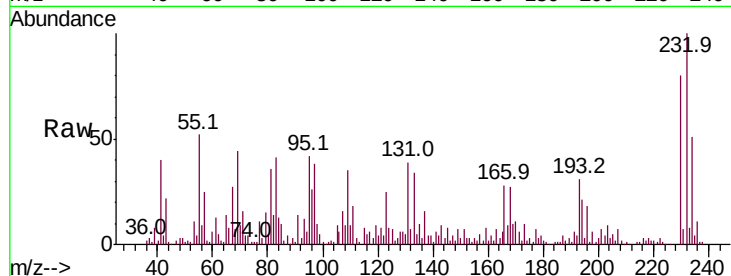
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 39.700 ng
 RT: 15.19 min Scan# 2060
 Delta R.T. 0.00 min
 Lab File: BG046578.D
 Acq: 9 Sep 2020 18:37

Instrument :
 BNA_G
 ClientSampleId :
 VNJ-218MSD

Tot Ion	Ratio	Resp	Lower	Upper
232	100	180063		
131	34.1	26.8	40.2	
130	3.9	1.4	2.2	
166	27.7	22.8	34.2	

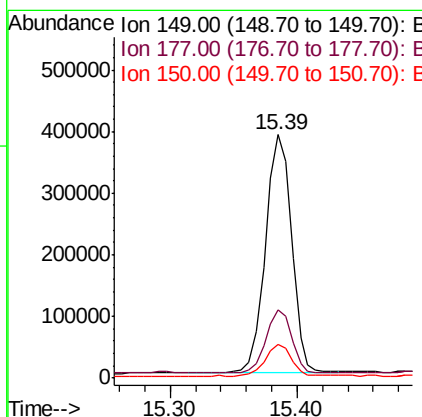
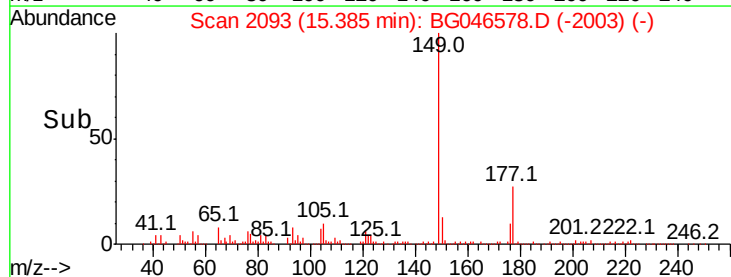
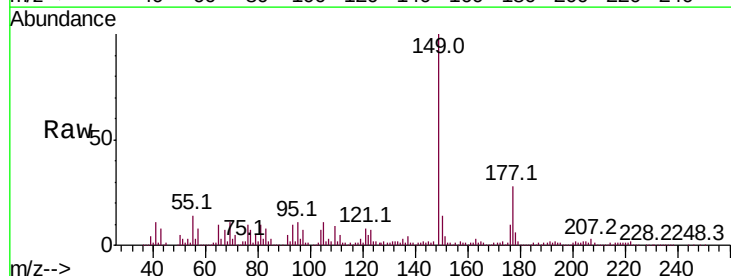
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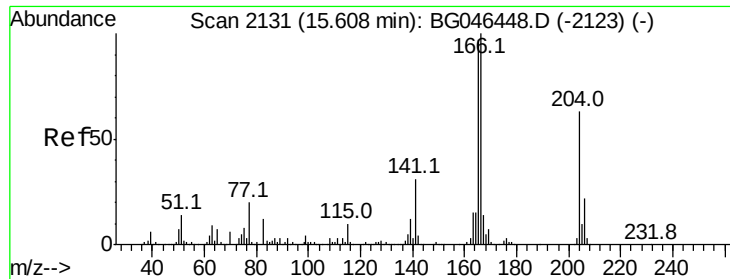
mohammad
 9/10/2020 10:36:01 AM



#60
 Diethylphthalate
 Concen: 37.154 ng
 RT: 15.39 min Scan# 2093
 Delta R.T. 0.00 min
 Lab File: BG046578.D
 Acq: 9 Sep 2020 18:37

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	559851		
177	27.8	20.6	30.8	
150	13.7	10.3	15.5	





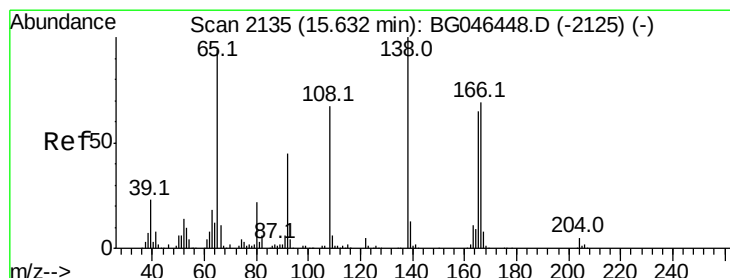
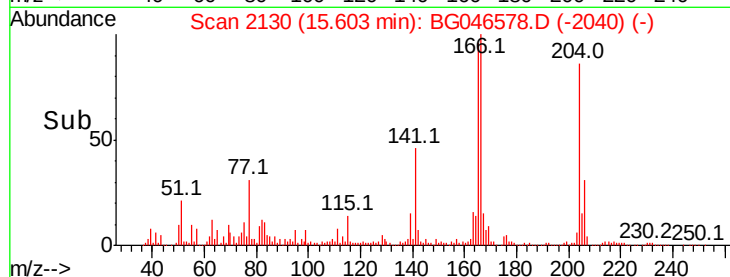
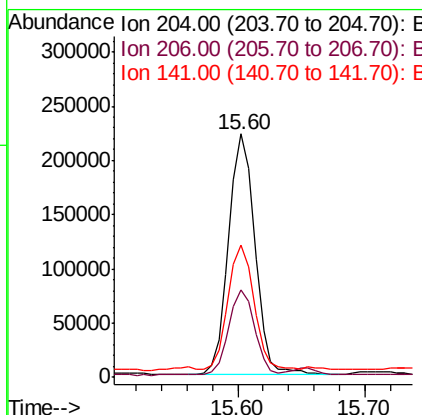
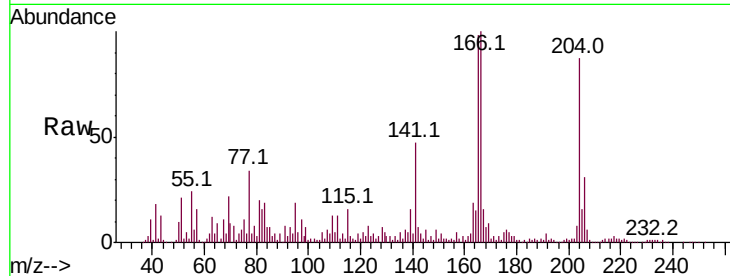
#61
4-Chlorophenyl-phenylether
Concen: 39.078 ng
RT: 15.60 min Scan# 2130
Delta R.T. 0.00 min
Lab File: BG046578.D
Acq: 9 Sep 2020 18:37

Instrument :
BNA_G
ClientSampleId :
VNJ-218MSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	35.9	27.7	41.5
141	54.4	38.7	58.1

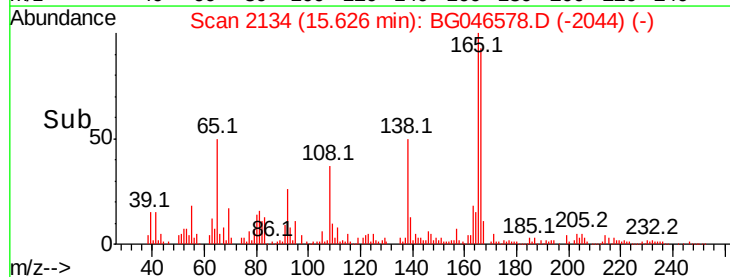
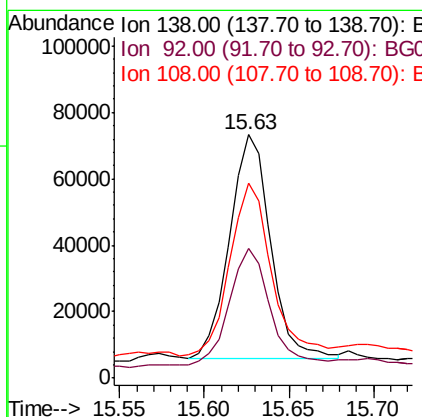
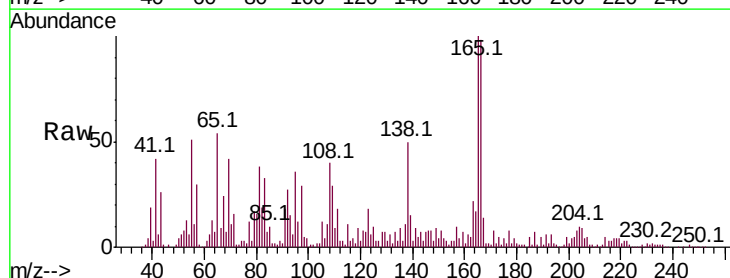
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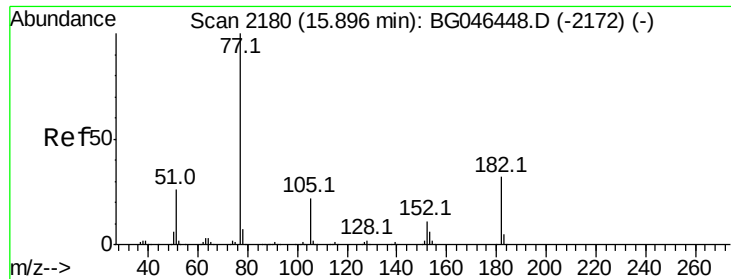
mohammad
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#62
4-Nitroaniline
Concen: 29.451 ng
RT: 15.63 min Scan# 2134
Delta R.T. 0.00 min
Lab File: BG046578.D
Acq: 9 Sep 2020 18:37

Tgt Ion	Ratio	Lower	Upper
138	100		
92	53.0	25.3	65.3
108	79.9	46.7	86.7





#63

Azobenzene

Concen: 40.016 ng

RT: 15.90 min Scan# 2180

Delta R.T. 0.00 min

Lab File: BG046578.D

Acq: 9 Sep 2020 18:37

Instrument :

BNA_G

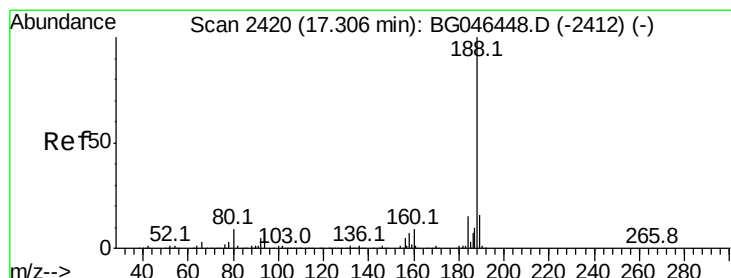
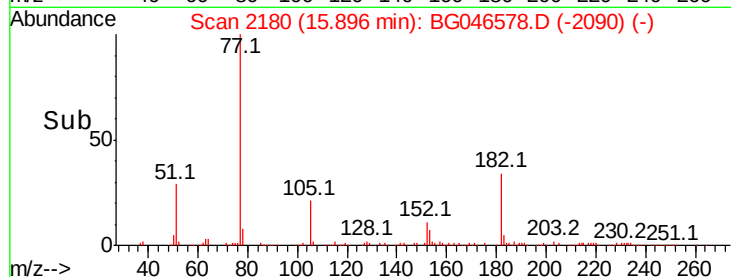
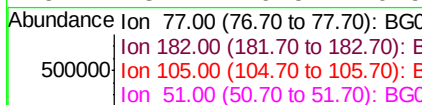
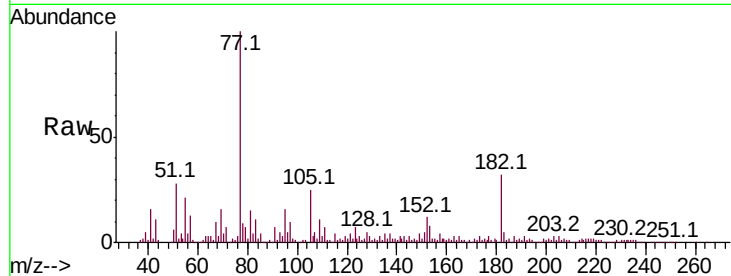
ClientSampleId :

VNJ-218MSD

Tot Ion	Ratio	Lower	Upper
77	100		
182	32.3	12.3	52.3
105	24.7	2.3	42.3
51	28.4	6.5	46.5

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#64

Phenanthrene-d10

Concen: 20.000 ng

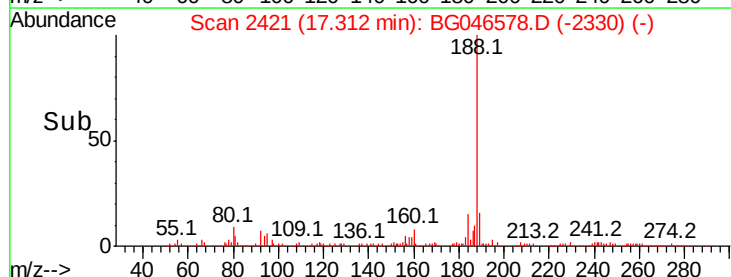
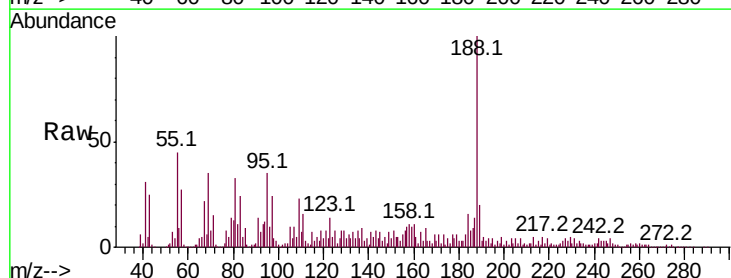
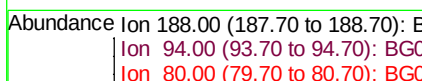
RT: 17.31 min Scan# 2421

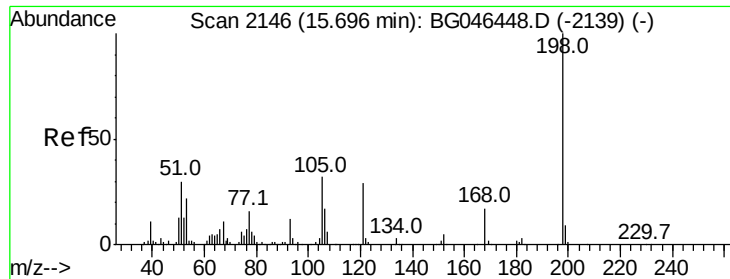
Delta R.T. 0.01 min

Lab File: BG046578.D

Acq: 9 Sep 2020 18:37

Tgt Ion	Ratio	Lower	Upper
188	100		
94	12.4	6.3	9.5#
80	13.2	6.9	10.3#





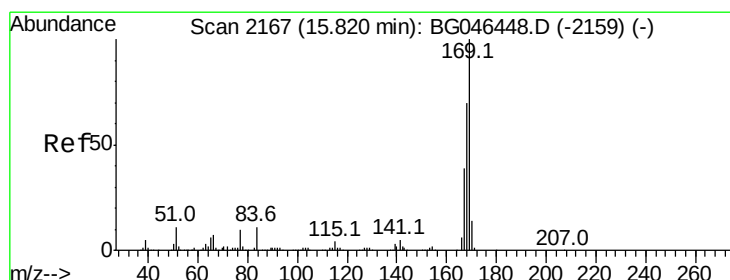
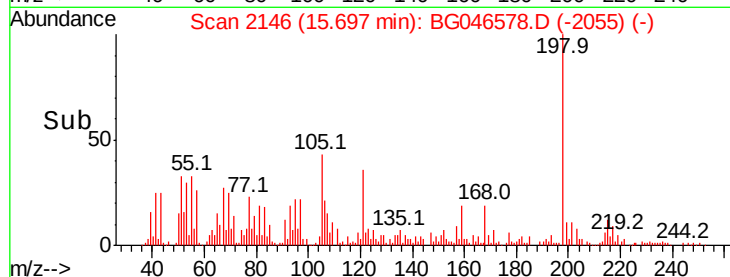
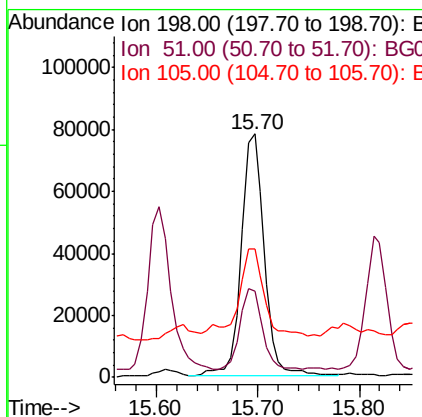
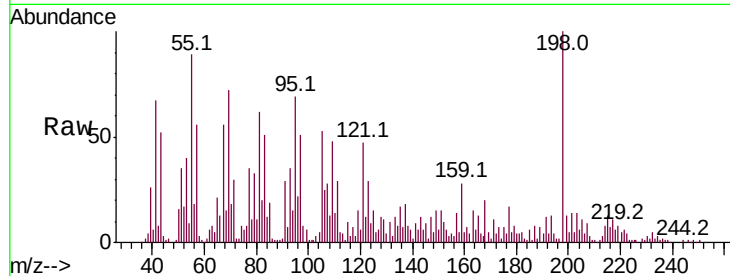
#65
 4,6-Dinitro-2-methylphenol
 Concen: 53.716 ng
 RT: 15.70 min Scan# 2146
 Delta R.T. 0.01 min
 Lab File: BG046578.D
 Acq: 9 Sep 2020 18:37

Instrument :
 BNA_G
 ClientSampleId :
 VNJ-218MSD

Tot Ion	Ratio	Resp	Lower	Upper
198	100	122685		
51	35.2	10.4	50.4	
105	52.6	12.4	52.4#	

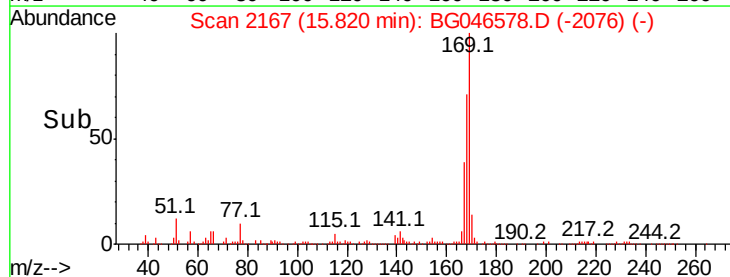
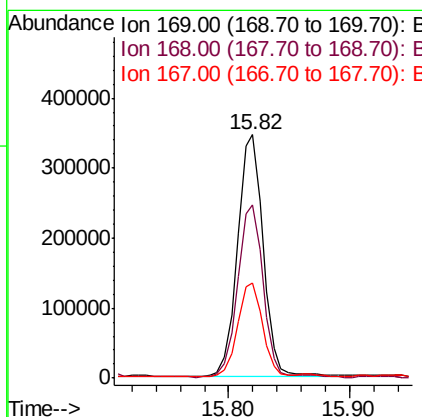
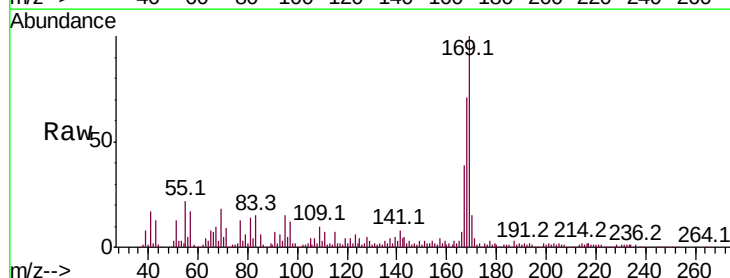
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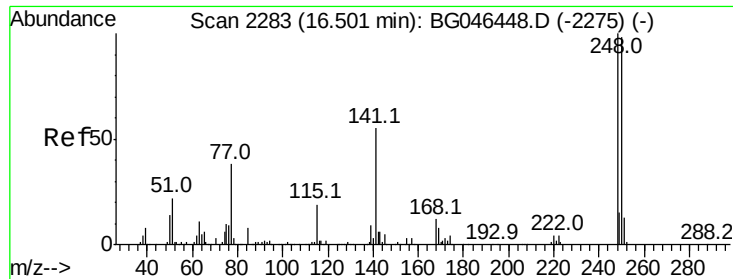
mohammad
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#66
 n-Nitrosodiphenylamine
 Concen: 47.160 ng
 RT: 15.82 min Scan# 2167
 Delta R.T. 0.01 min
 Lab File: BG046578.D
 Acq: 9 Sep 2020 18:37

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	513398		
168	71.3	55.8	83.8	
167	39.0	31.0	46.6	





#67

4-Bromophenyl-phenylether

Concen: 42.895 ng

RT: 16.50 min Scan# 2283

Delta R.T. 0.01 min

Lab File: BG046578.D

Acq: 9 Sep 2020 18:37

Instrument :

BNA_G

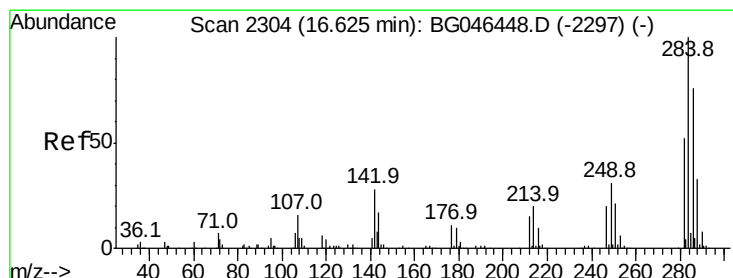
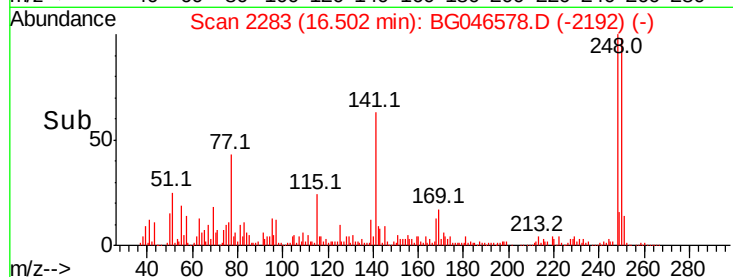
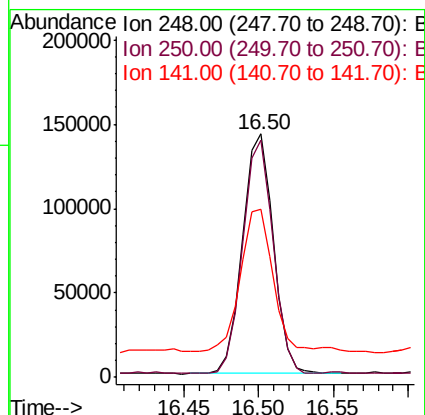
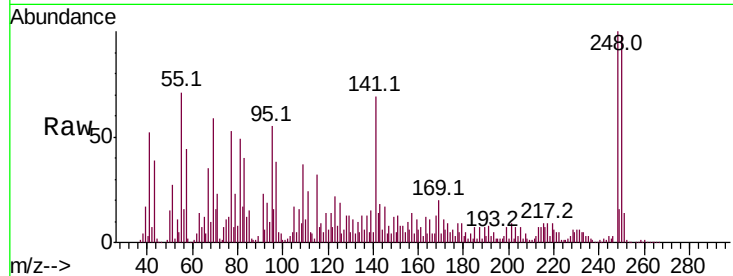
ClientSampleId :

VNJ-218MSD

Tot Ion:	248	Resp:	201943
Ion Ratio	Lower	Upper	
248	100		
250	97.6	78.6	118.0
141	68.9	43.9	65.9#

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#68

Hexachlorobenzene

Concen: 41.271 ng

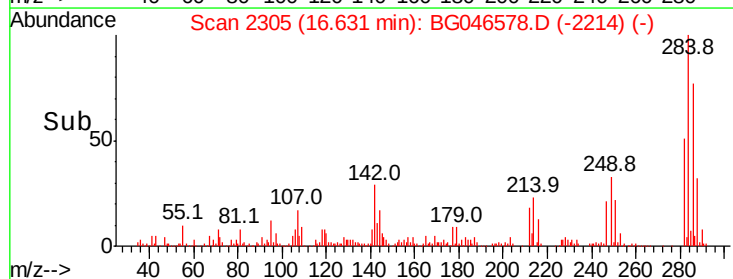
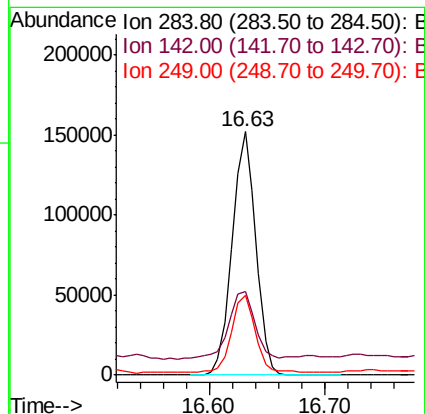
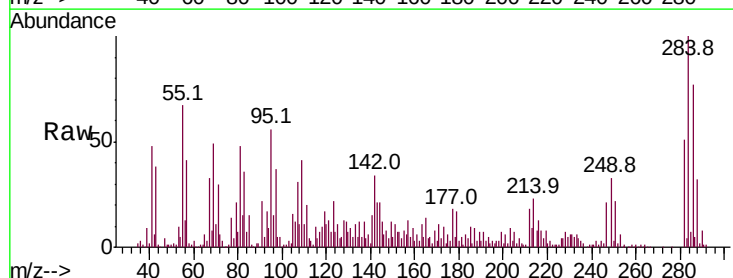
RT: 16.63 min Scan# 2305

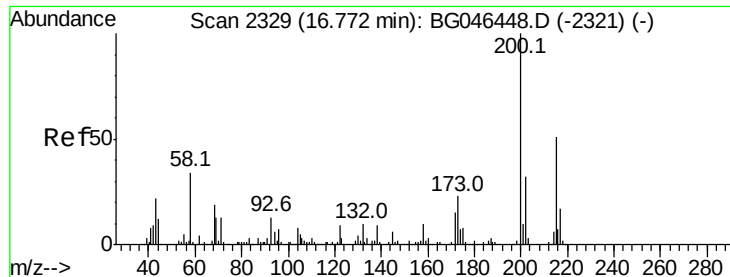
Delta R.T. 0.01 min

Lab File: BG046578.D

Acq: 9 Sep 2020 18:37

Tgt Ion:	284	Resp:	215179
Ion Ratio	Lower	Upper	
284	100		
142	34.3	22.3	33.5#
249	33.0	24.8	37.2





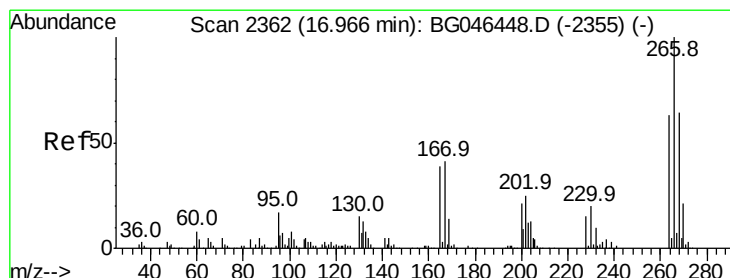
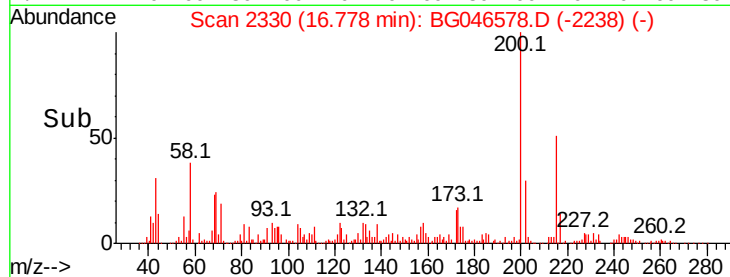
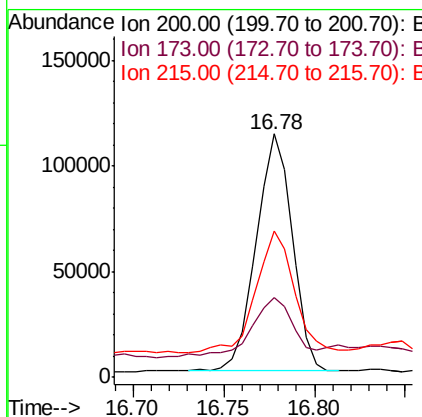
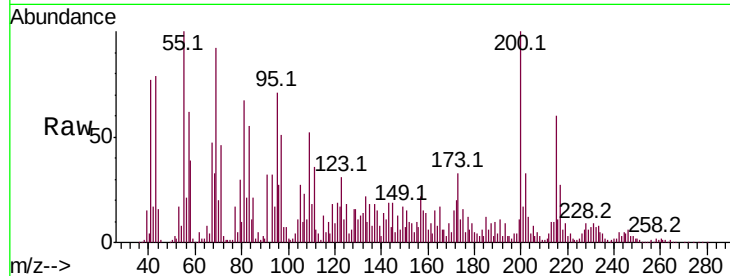
#69
 Atrazine
 Concen: 34.904 ng
 RT: 16.78 min Scan# 2330
 Delta R.T. 0.01 min
 Lab File: BG046578.D
 Acq: 9 Sep 2020 18:37

Instrument :
 BNA_G
 ClientSampleId :
 VNJ-218MSD

Tot Ion:	200	Resp:	155008
Ion Ratio	Lower	Upper	
200	100		
173	33.0	3.3	43.3
215	59.9	30.9	70.9

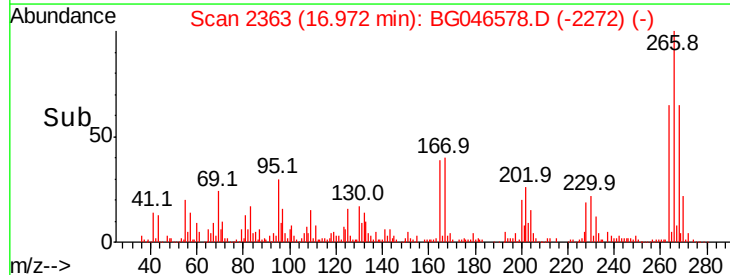
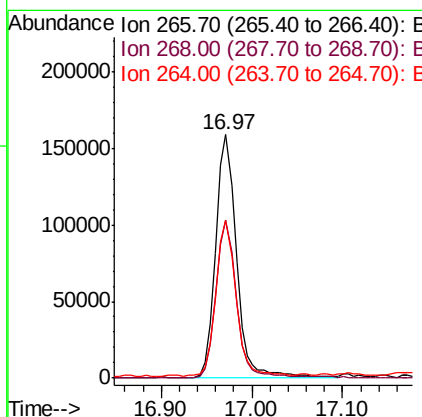
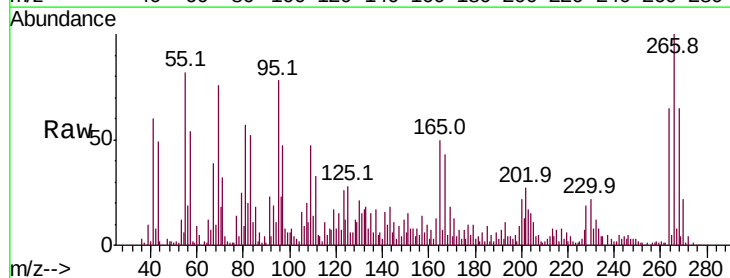
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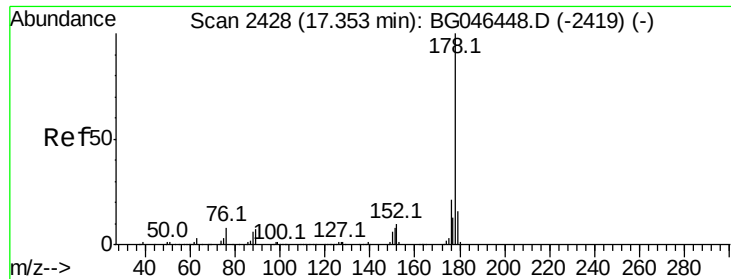
mohammad
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#70
 Pentachlorophenol
 Concen: 92.126 ng
 RT: 16.97 min Scan# 2363
 Delta R.T. 0.01 min
 Lab File: BG046578.D
 Acq: 9 Sep 2020 18:37

Tgt Ion:	266	Resp:	250959
Ion Ratio	Lower	Upper	
266	100		
268	65.0	51.1	76.7
264	64.8	50.2	75.2





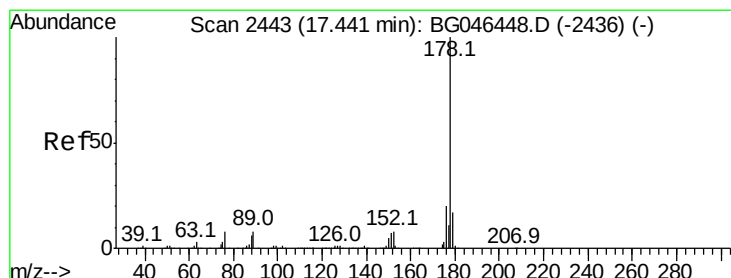
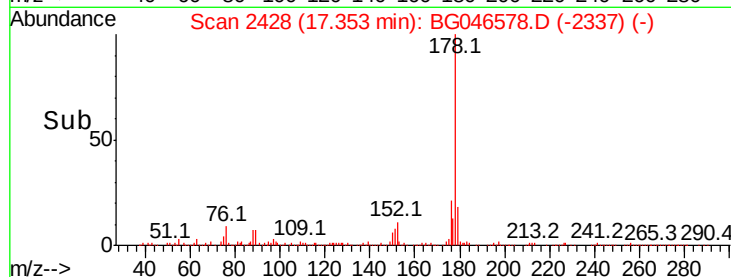
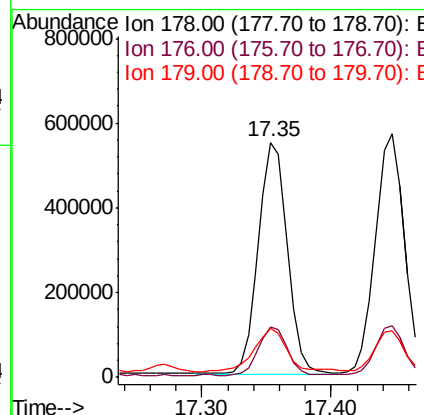
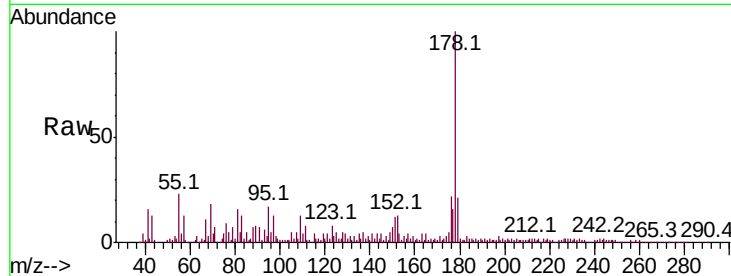
#71
Phenanthrene
Concen: 41.997 ng m
RT: 17.35 min Scan# 2428
Delta R.T. 0.01 min
Lab File: BG046578.D
Acq: 9 Sep 2020 18:37

Instrument :
BNA_G
ClientSampleId :
VNJ-218MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	21.5	16.8	25.2
179	20.8	13.2	19.8

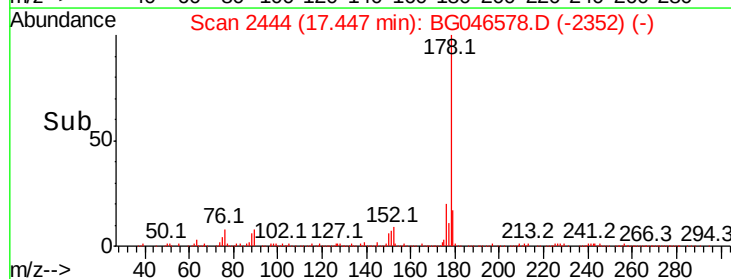
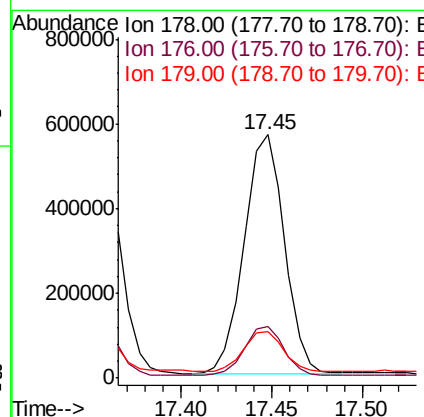
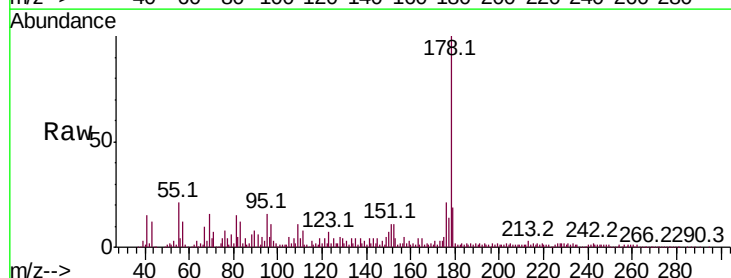
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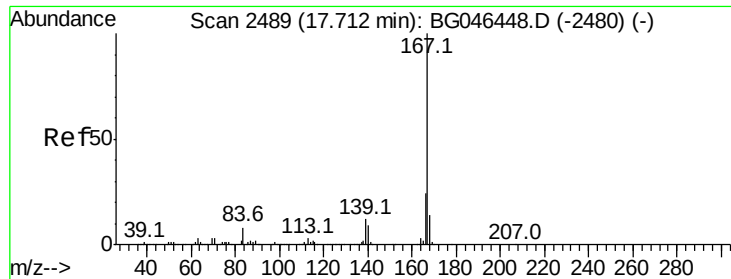
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#72
Anthracene
Concen: 43.041 ng
RT: 17.45 min Scan# 2444
Delta R.T. 0.01 min
Lab File: BG046578.D
Acq: 9 Sep 2020 18:37

Tgt Ion	Ratio	Lower	Upper
178	100		
176	21.2	16.1	24.1
179	19.2	13.3	19.9





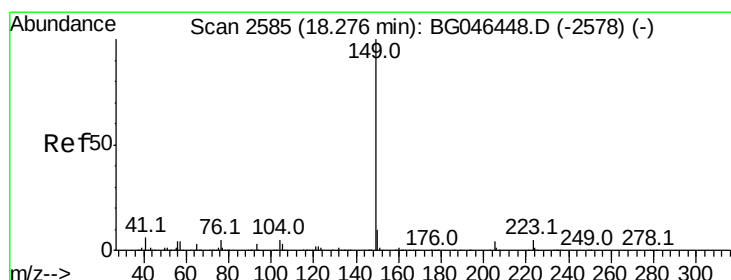
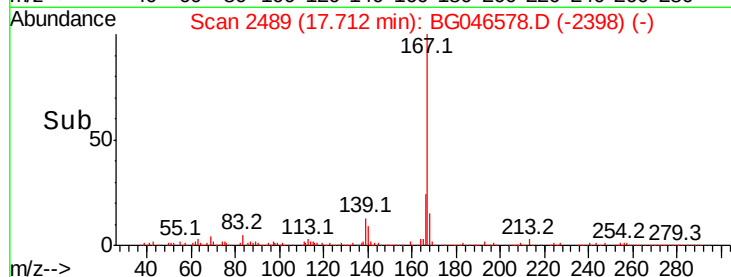
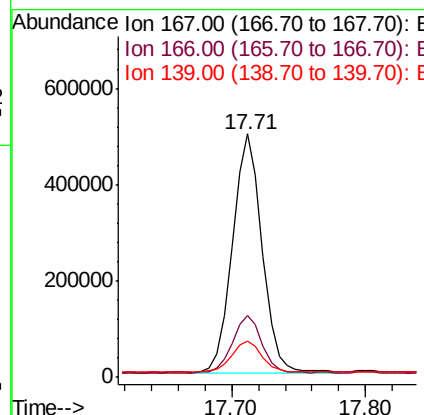
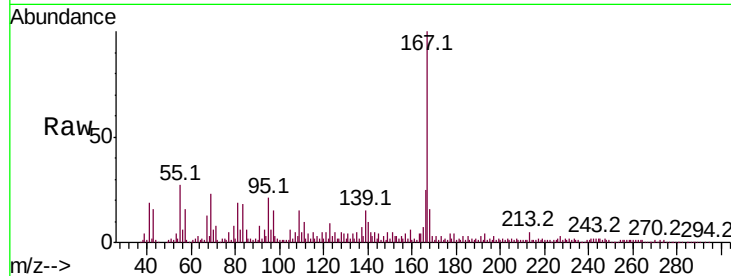
#73
 Carbazole
 Concen: 40.064 ng
 RT: 17.71 min Scan# 2489
 Delta R.T. 0.01 min
 Lab File: BG046578.D
 Acq: 9 Sep 2020 18:37

Instrument :
 BNA_G
 ClientSampleId :
 VNJ-218MSD

Tot Ion	Ratio	Resp	Lower	Upper
167	100			
166	25.4	19.3	28.9	
139	14.8	9.7	14.5	

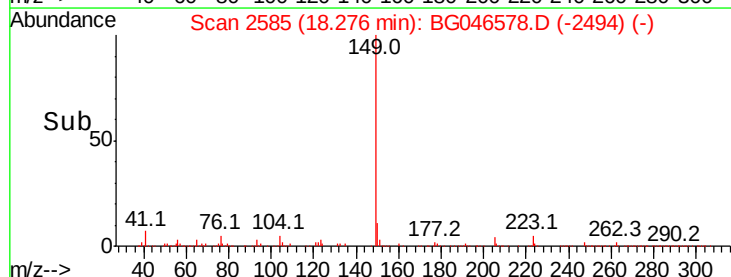
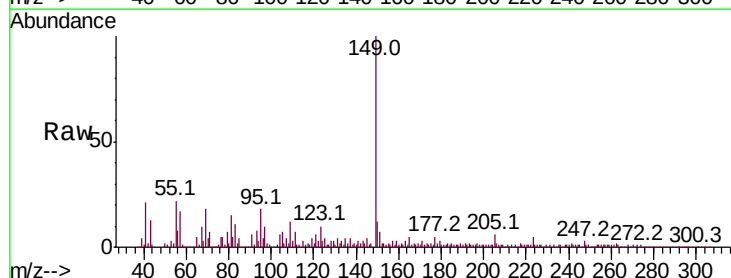
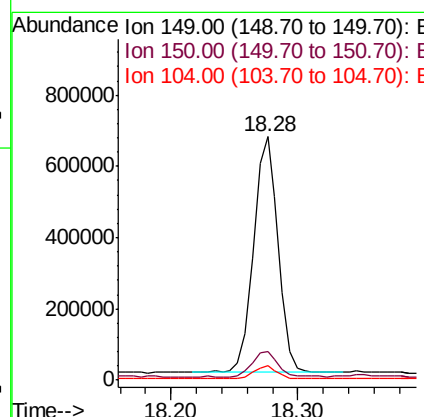
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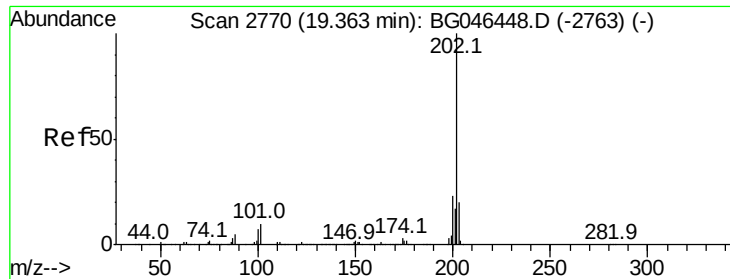
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#74
 Di-n-butylphthalate
 Concen: 40.512 ng
 RT: 18.28 min Scan# 2585
 Delta R.T. 0.01 min
 Lab File: BG046578.D
 Acq: 9 Sep 2020 18:37

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
150	11.8	8.1	12.1	
104	5.9	4.0	6.0	





#75

Fluoranthene

Concen: 39.361 ng

RT: 19.36 min Scan# 2770

Delta R.T. 0.01 min

Lab File: BG046578.D

Acq: 9 Sep 2020 18:37

Instrument :

BNA_G

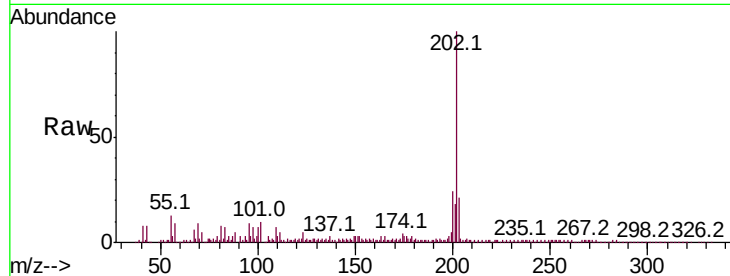
ClientSampleId :

VNJ-218MSD

Tot Ion	Ratio	Resp	Lower	Upper
202	100	1036022		
101	9.6		0.0	29.9
203	20.8		0.0	40.0

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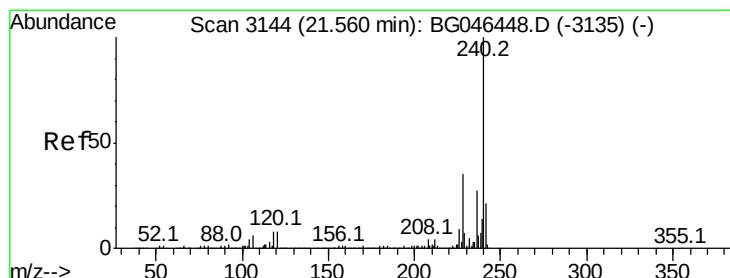
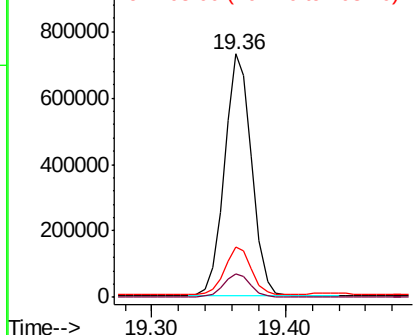
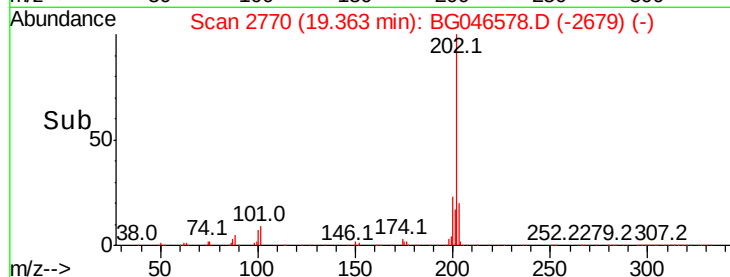


Abundance

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

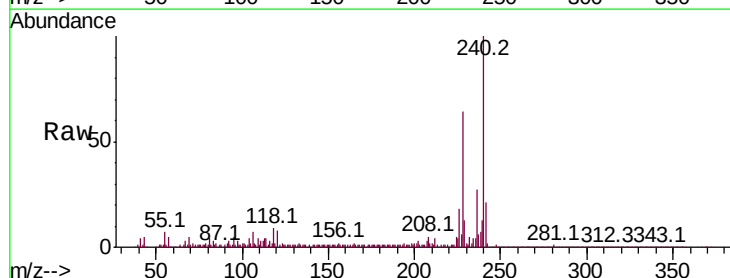
RT: 21.55 min Scan# 3143

Delta R.T. 0.00 min

Lab File: BG046578.D

Acq: 9 Sep 2020 18:37

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	447803		
120	8.4		6.6	10.0
236	27.3		21.4	32.2

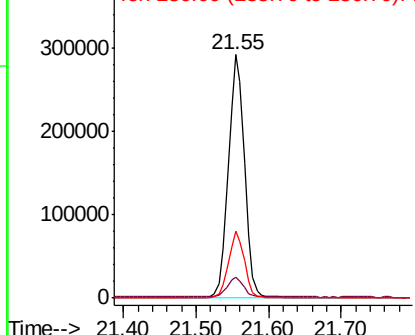
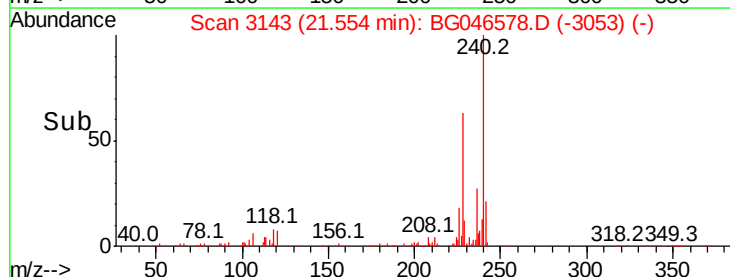


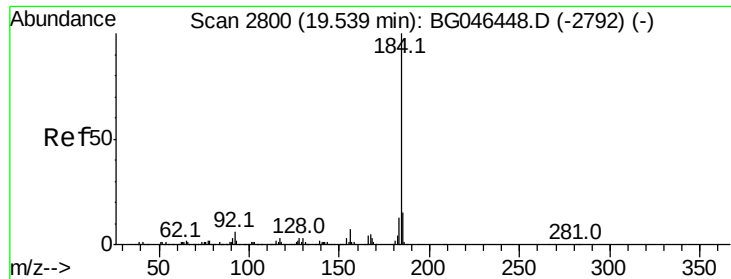
Abundance

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





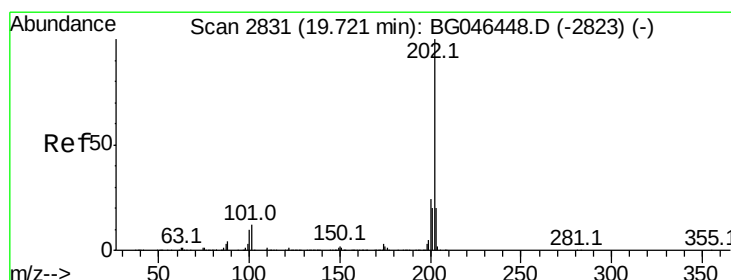
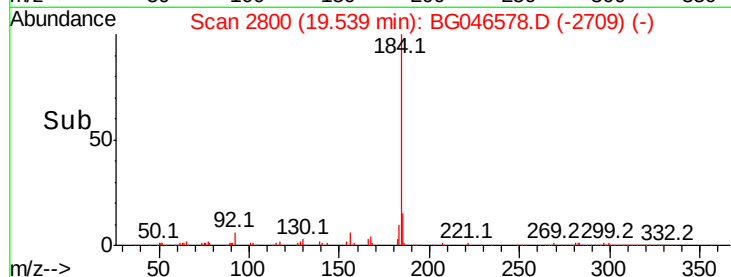
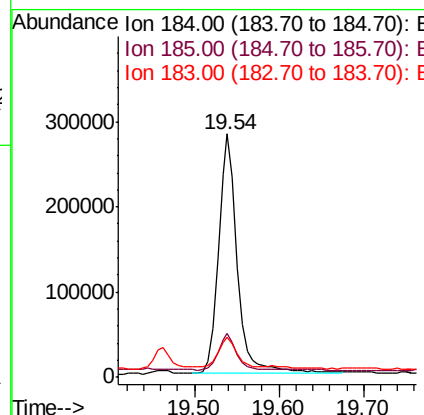
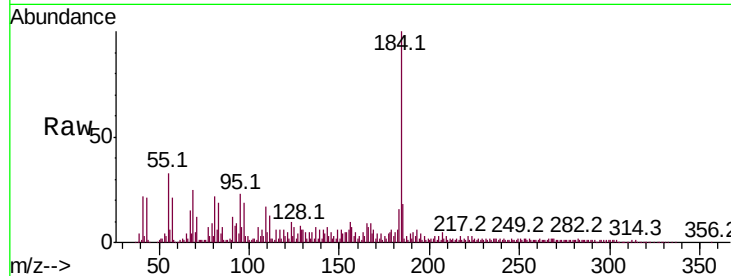
#77
Benzidine
Concen: 41.908 ng
RT: 19.54 min Scan# 2800
Delta R.T. 0.01 min
Lab File: BG046578.D
Acq: 9 Sep 2020 18:37

Instrument :
BNA_G
ClientSampleId :
VNJ-218MSD

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
185	18.3	11.8	17.8#	
183	16.5	10.7	16.1#	

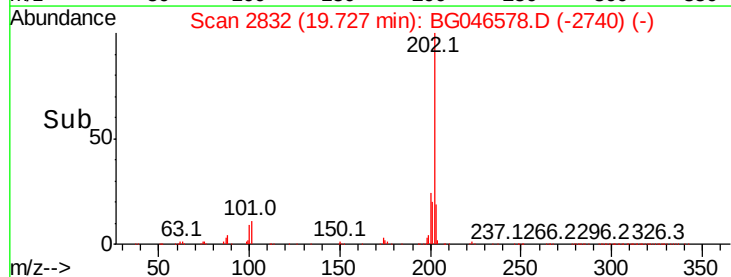
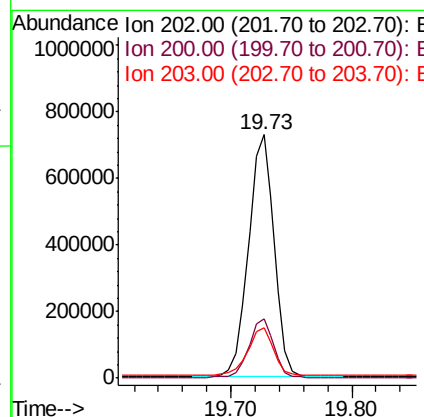
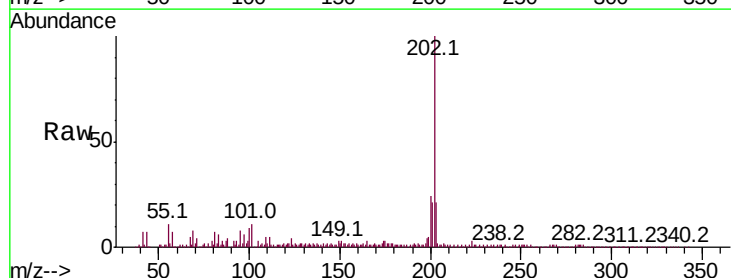
Manual Integrations
APPROVED

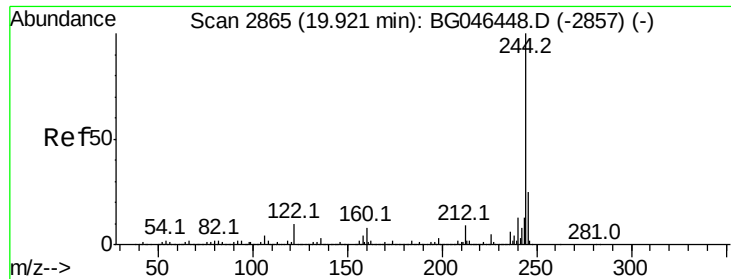
mohammad
9/10/2020 10:36:01 AM



#78
Pyrene
Concen: 37.566 ng
RT: 19.73 min Scan# 2832
Delta R.T. 0.01 min
Lab File: BG046578.D
Acq: 9 Sep 2020 18:37

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
200	24.2	18.9	28.3	
203	20.6	16.1	24.1	





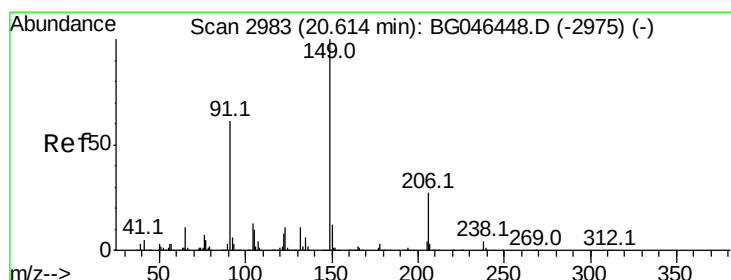
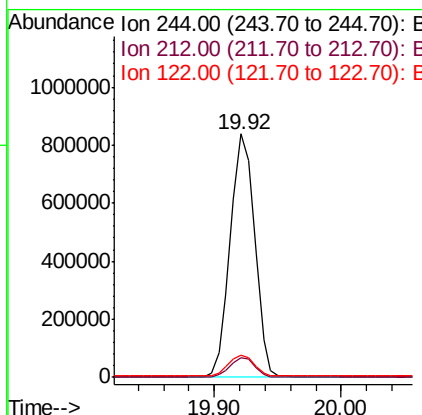
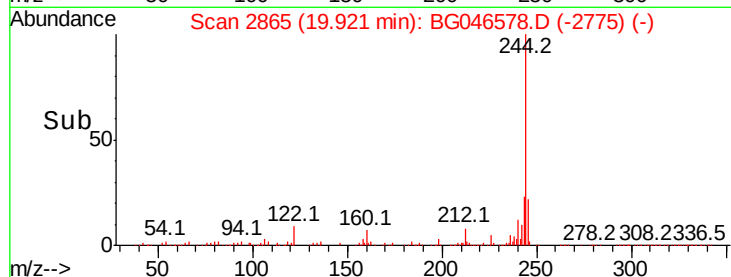
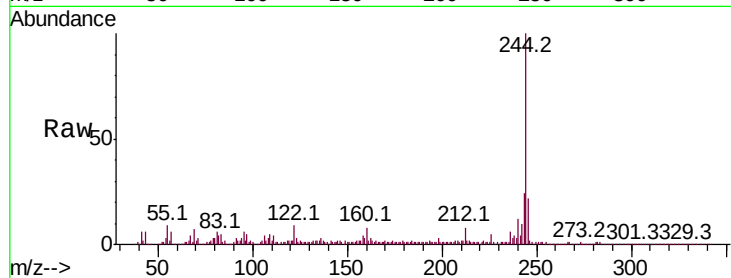
#79
 Terphenyl-d14
 Concen: 53.190 ng
 RT: 19.92 min Scan# 2865
 Delta R.T. 0.00 min
 Lab File: BG046578.D
 Acq: 9 Sep 2020 18:37

Instrument :
 BNA_G
 ClientSampleId :
 VNJ-218MSD

Tot Ion	Ratio	Lower	Upper
244	100		
212	8.2	6.9	10.3
122	9.3	8.2	12.4

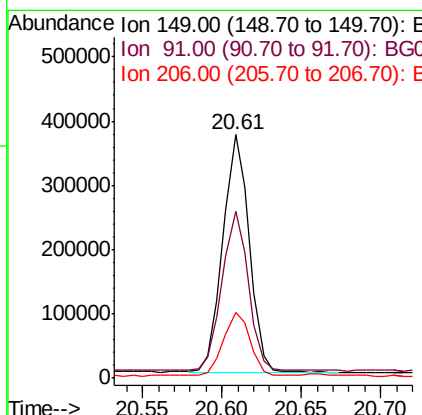
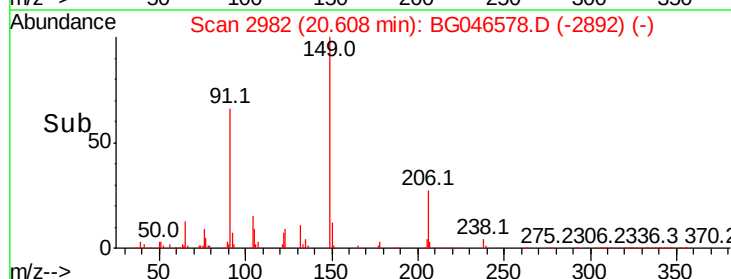
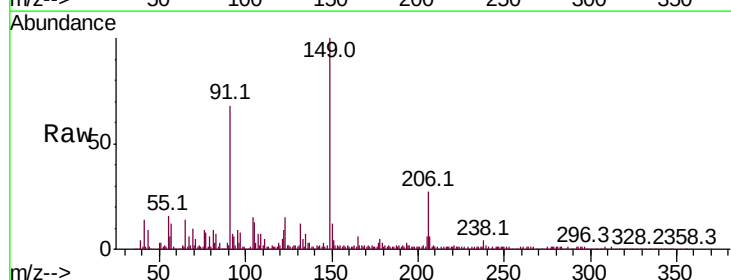
Manual Integrations
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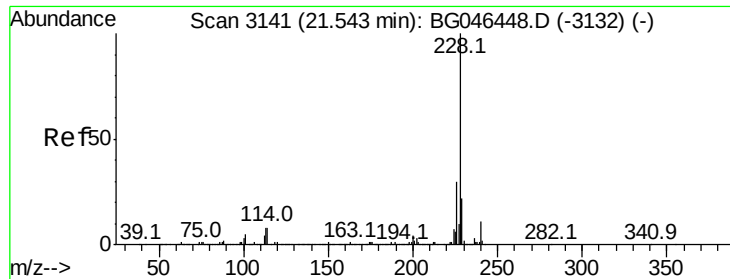
mohammad
 9/10/2020 10:36:01 AM



#80
 Butylbenzylphthalate
 Concen: 38.337 ng
 RT: 20.61 min Scan# 2982
 Delta R.T. 0.00 min
 Lab File: BG046578.D
 Acq: 9 Sep 2020 18:37

Tgt Ion	Ratio	Lower	Upper
149	100		
91	68.5	49.1	73.7
206	26.8	21.9	32.9





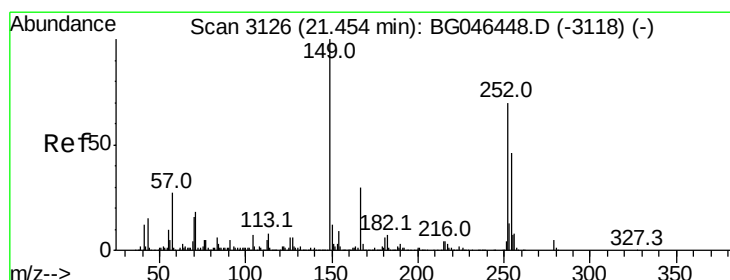
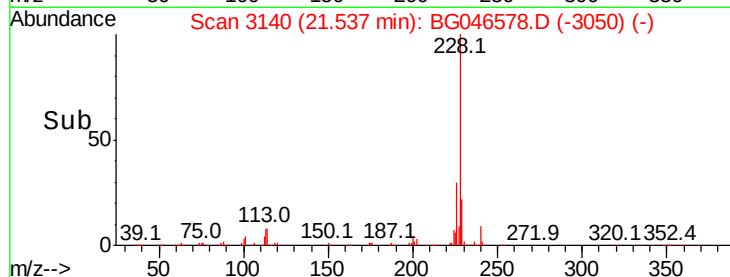
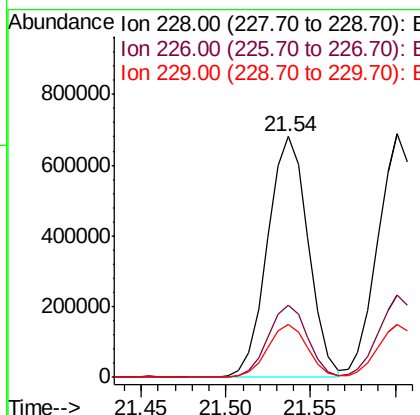
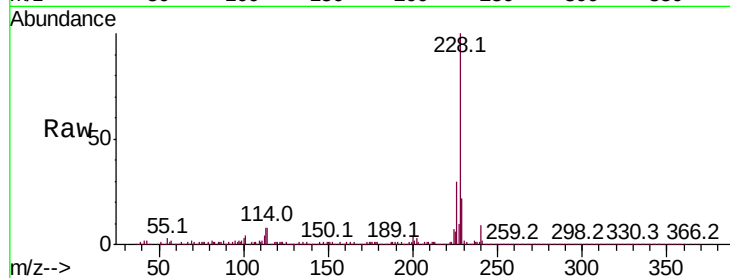
#81
Benzo(a)anthracene
Concen: 40.574 ng
RT: 21.54 min Scan# 3140
Delta R.T. 0.00 min
Lab File: BG046578.D
Acq: 9 Sep 2020 18:37

Instrument :
BNA_G
ClientSampleId :
VNJ-218MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.2	36.4
229	22.1	17.4	26.2

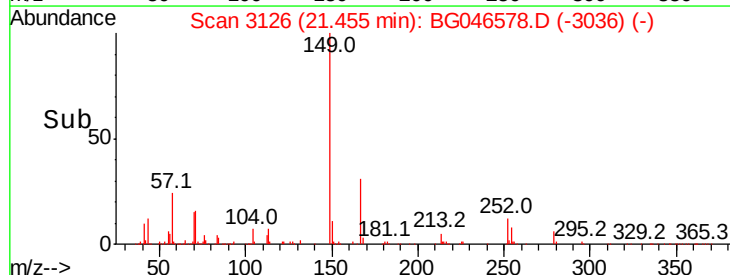
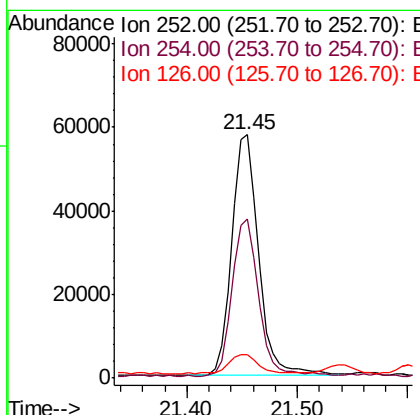
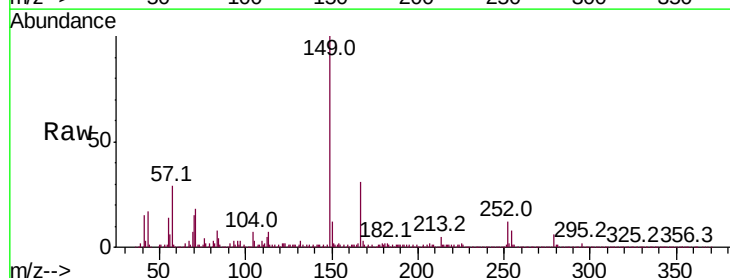
Manual Integrations
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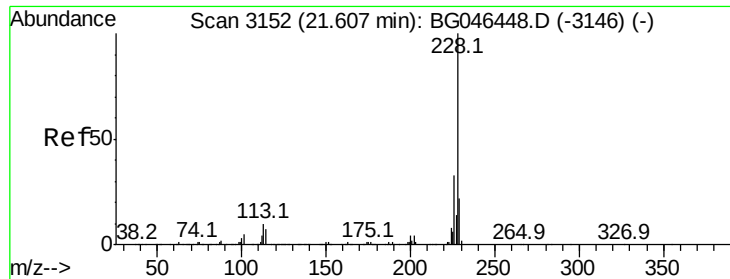
mohammad
9/10/2020 10:36:01 AM



#82
3,3'-Dichlorobenzidine
Concen: 9.592 ng
RT: 21.45 min Scan# 3126
Delta R.T. 0.00 min
Lab File: BG046578.D
Acq: 9 Sep 2020 18:37

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.5	51.9	77.9
126	9.6	7.4	11.0





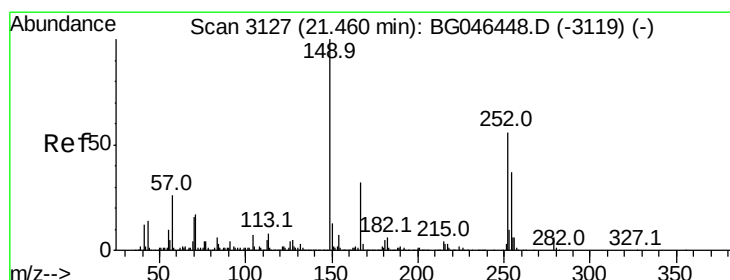
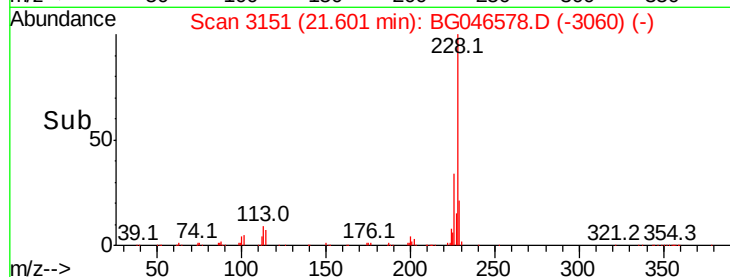
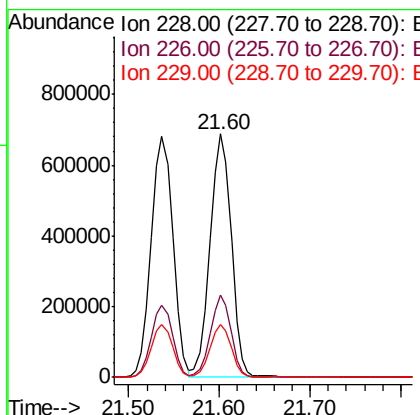
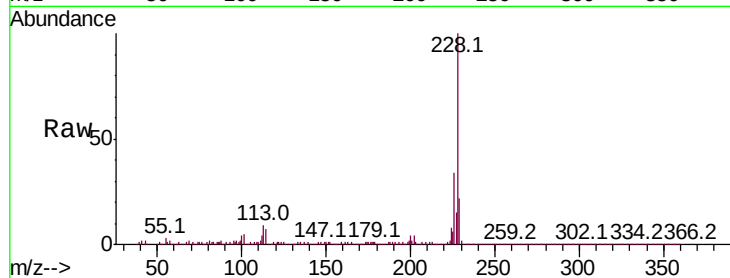
#83
 Chrysene
 Concen: 41.600 ng
 RT: 21.60 min Scan# 3151
 Delta R.T. 0.01 min
 Lab File: BG046578.D
 Acq: 9 Sep 2020 18:37

Instrument :
 BNA_G
 ClientSampleId :
 VNJ-218MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	33.9	26.2	39.4
229	21.8	17.9	26.9

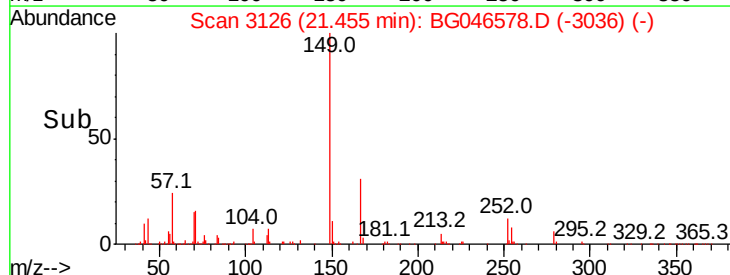
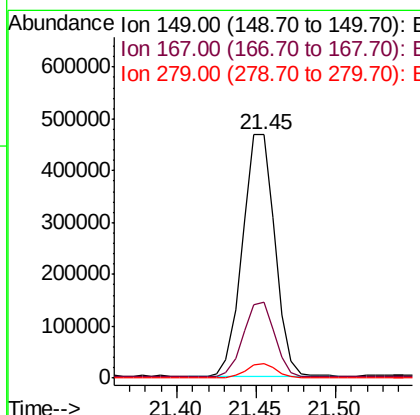
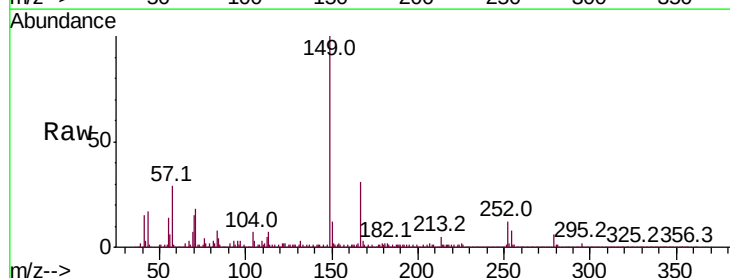
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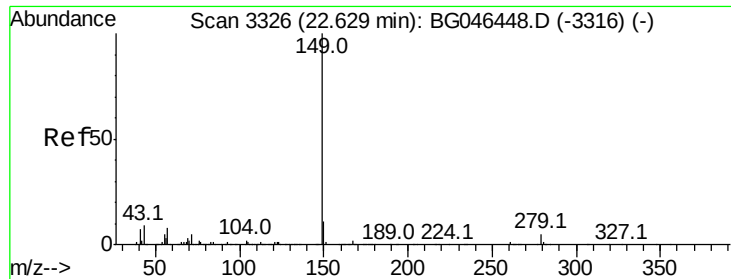
mohammad
 9/10/2020 10:36:01 AM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 43.066 ng
 RT: 21.45 min Scan# 3126
 Delta R.T. 0.00 min
 Lab File: BG046578.D
 Acq: 9 Sep 2020 18:37

Tgt Ion	Ratio	Lower	Upper
149	100		
167	31.3	25.4	38.2
279	6.0	4.5	6.7





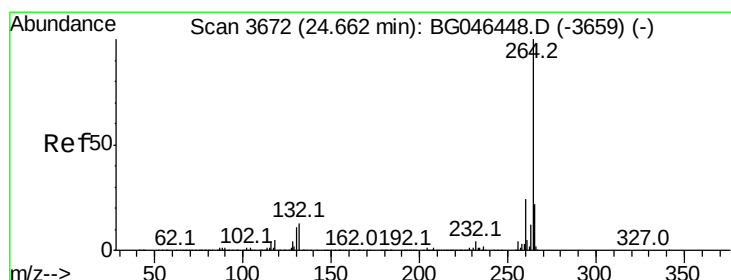
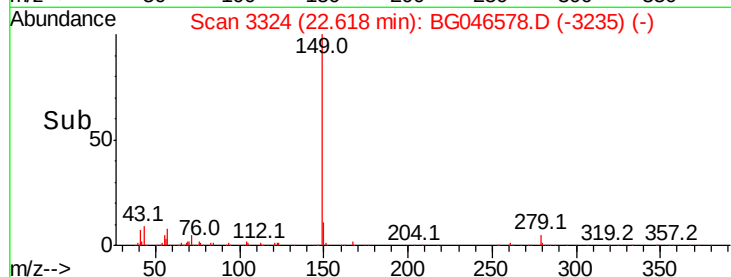
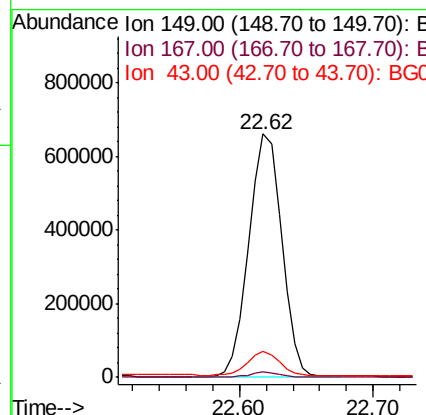
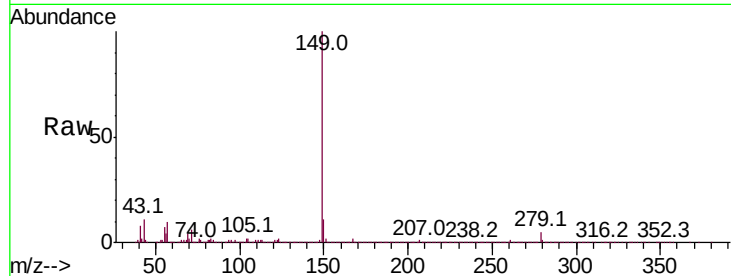
#85
Di-n-octyl phthalate
Concen: 43.106 ng
RT: 22.62 min Scan# 3324
Delta R.T. -0.01 min
Lab File: BG046578.D
Acq: 9 Sep 2020 18:37

Instrument :
BNA_G
ClientSampleId :
VNJ-218MSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.5	2.3
43	9.4	7.0	10.4

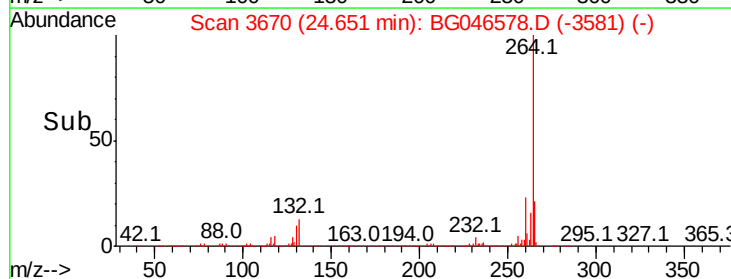
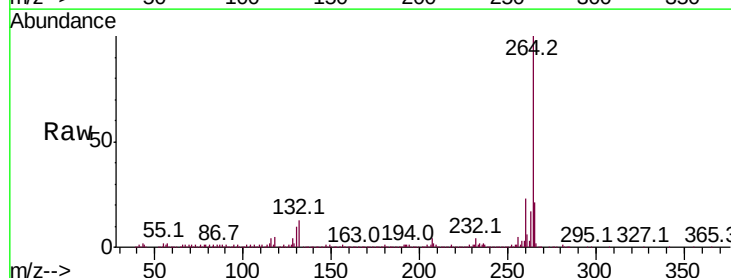
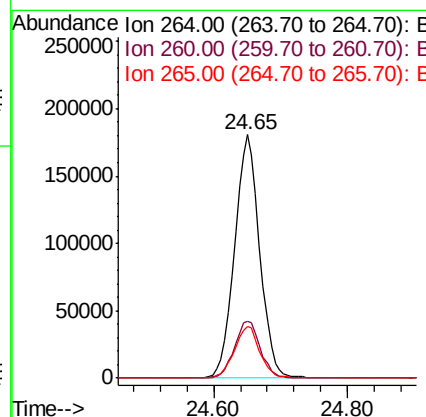
Manual Integrations
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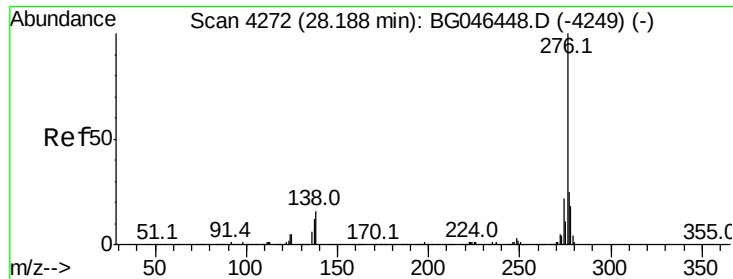
mohammad
9/10/2020 10:36:01 AM



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.65 min Scan# 3670
Delta R.T. -0.01 min
Lab File: BG046578.D
Acq: 9 Sep 2020 18:37

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	21.2	17.9	26.9





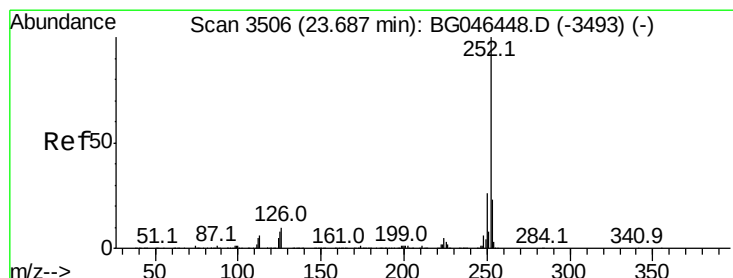
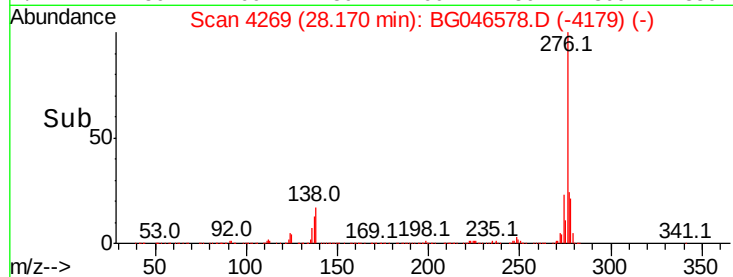
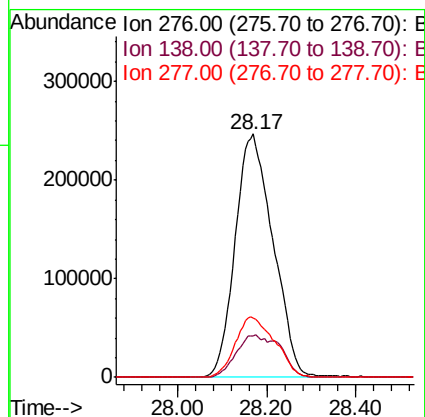
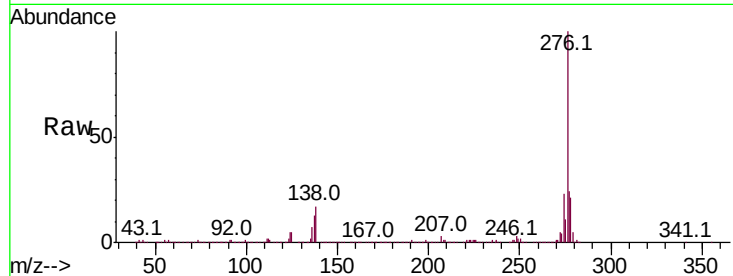
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 42.800 ng
 RT: 28.17 min Scan# 4269
 Delta R.T. 0.00 min
 Lab File: BG046578.D
 Acq: 9 Sep 2020 18:37

Instrument :
 BNA_G
 ClientSampleId :
 VNJ-218MSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	15.1	16.5	24.7#
277	25.9	20.7	31.1

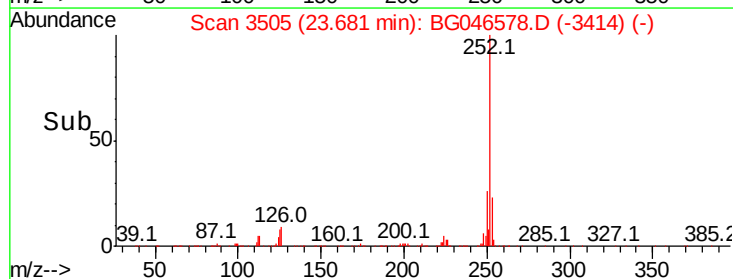
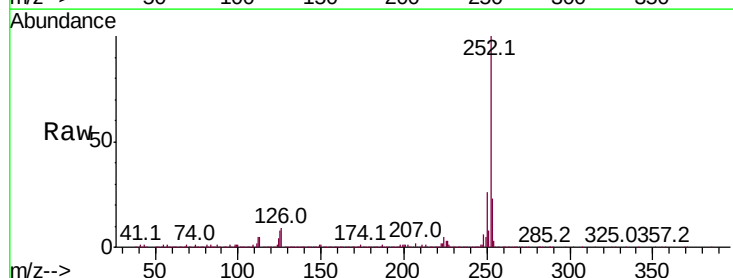
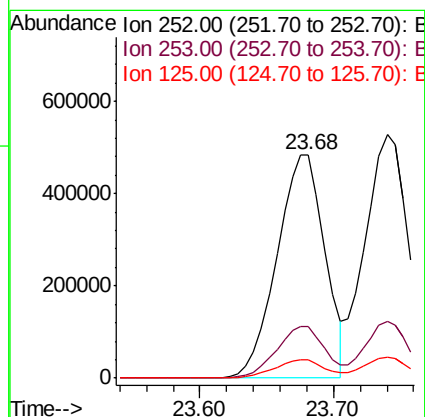
Manual Integrations
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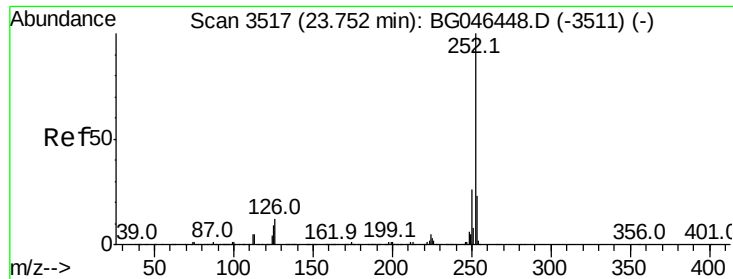
mohammad
 9/10/2020 10:36:01 AM



#88
 Benzo(b)fluoranthene
 Concen: 40.603 ng
 RT: 23.68 min Scan# 3505
 Delta R.T. 0.01 min
 Lab File: BG046578.D
 Acq: 9 Sep 2020 18:37

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.2	27.4
125	8.2	6.2	9.2





#89

Benzo(k)fluoranthene

Concen: 41.726 ng

RT: 23.74 min Scan# 3515

Delta R.T. -0.01 min

Lab File: BG046578.D

Acq: 9 Sep 2020 18:37

Instrument :

BNA_G

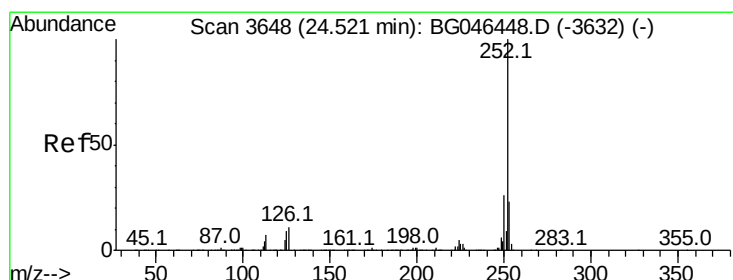
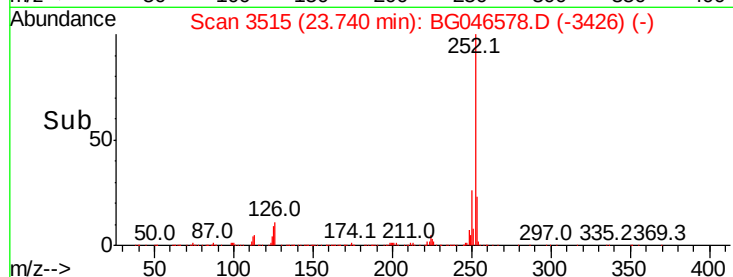
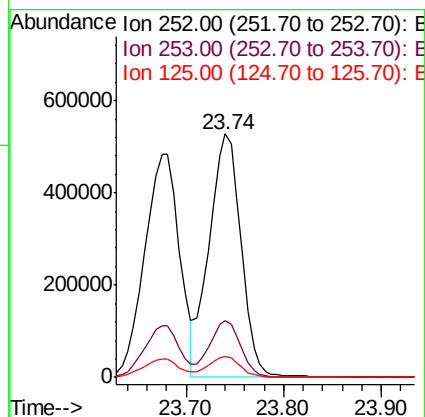
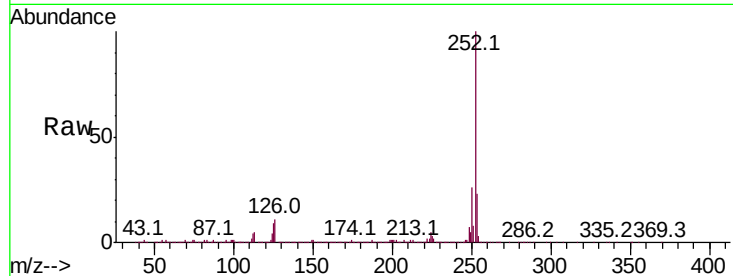
ClientSampleId :

VNJ-218MSD

Tot Ion:	252	Resp:	1190653
Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.5	27.7
125	8.8	6.8	10.2

Manual Integrations
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mohammad
9/10/2020 10:36:01 AM



#90

Benzo(a)pyrene

Concen: 40.462 ng

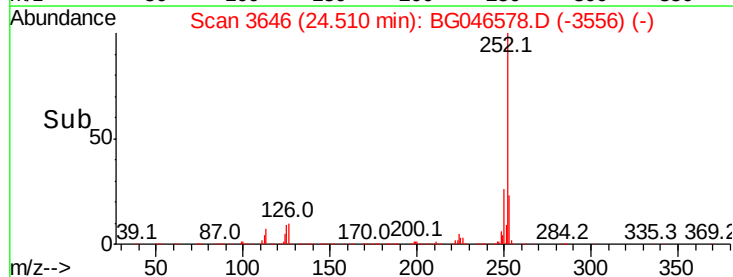
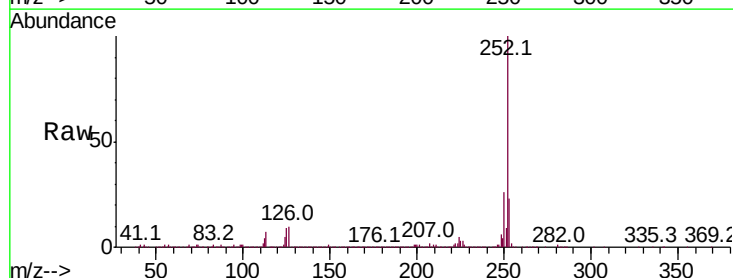
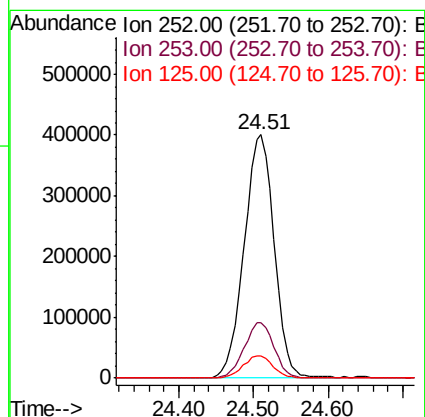
RT: 24.51 min Scan# 3646

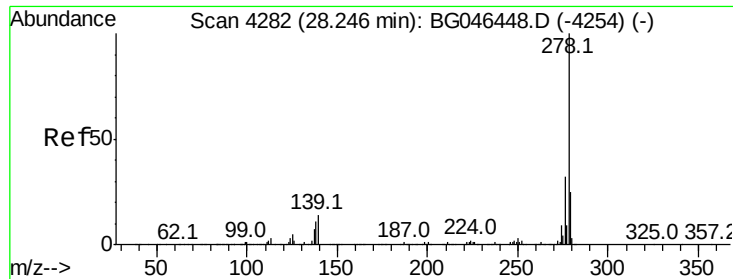
Delta R.T. 0.00 min

Lab File: BG046578.D

Acq: 9 Sep 2020 18:37

Tgt Ion:	252	Resp:	1114905
Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.2	27.4
125	8.9	7.4	11.0





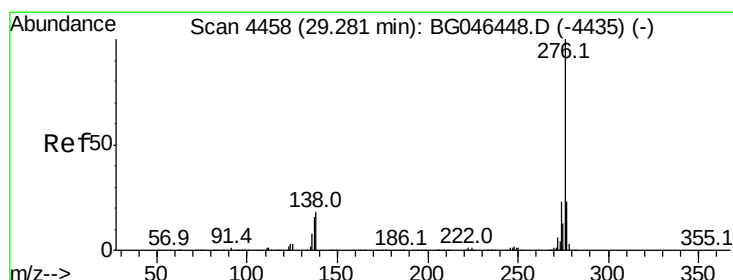
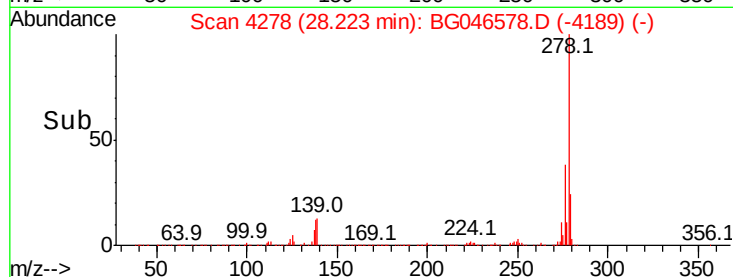
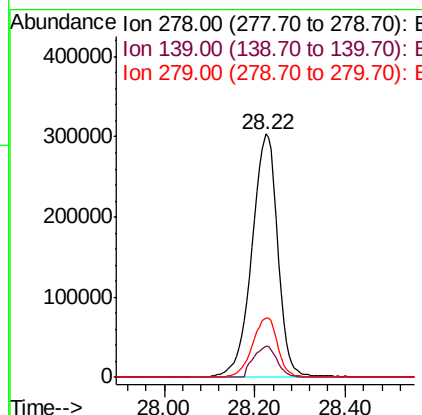
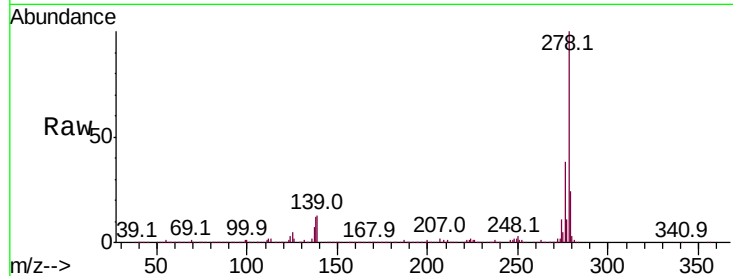
#91
Dibenzo(a,h)anthracene
Concen: 43.656 ng
RT: 28.22 min Scan# 4278
Delta R.T. -0.01 min
Lab File: BG046578.D
Acq: 9 Sep 2020 18:37

Instrument :
BNA_G
ClientSampleId :
VNJ-218MSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	12.9	11.2	16.8
279	24.4	19.8	29.8

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#92
Benzo(g,h,i)perylene
Concen: 44.313 ng
RT: 29.26 min Scan# 4455
Delta R.T. -0.01 min
Lab File: BG046578.D
Acq: 9 Sep 2020 18:37

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.3	18.7	28.1
138	16.5	14.7	22.1

