

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082620\
 Data File : BG046461.D
 Acq On : 26 Aug 2020 19:52
 Operator : CG/JU
 Sample : L3784-02MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RO-10MSD

Manual Integrations
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mohammad
 8/27/2020 3:14:25 PM

Quant Time: Aug 27 01:46:27 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 25 18:00:34 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	67115	20.00	ng	0.00
21) Naphthalene-d8	10.73	136	276140	20.00	ng	0.00
39) Acenaphthene-d10	14.56	164	201553	20.00	ng	0.00
64) Phenanthrene-d10	17.31	188	522474	20.00	ng	0.00
76) Chrysene-d12	21.56	240	557234	20.00	ng	0.00
86) Perylene-d12	24.66	264	588794	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	453176	119.59	ng	0.00
7) Phenol-d6	7.11	99	562400	104.70	ng	0.00
23) Nitrobenzene-d5	9.09	82	407212	84.28	ng	0.00
42) 2,4,6-Tribromophenol	16.06	330	325754	119.28	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	1064343	80.61	ng	0.00
79) Terphenyl-d14	19.92	244	1935548	73.92	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.42	88	57461	36.449	ng	# 61
3) Pyridine	3.82	79	128710	27.905	ng	99
4) n-Nitrosodimethylamine	3.72	42	74270	43.658	ng	95
6) Aniline	7.26	93	155897	25.791	ng	98
8) 2-Chlorophenol	7.50	128	200565	50.080	ng	99
9) Benzaldehyde	7.07	77	116328	38.653	ng	97
10) Phenol	7.13	94	222421	44.955	ng	99
11) bis(2-Chloroethyl)ether	7.35	93	180331	45.345	ng	98
12) 1,3-Dichlorobenzene	7.83	146	190558	37.477	ng	98
13) 1,4-Dichlorobenzene	7.97	146	196806	38.662	ng	99
14) 1,2-Dichlorobenzene	8.28	146	192202	39.378	ng	98
15) Benzyl Alcohol	8.17	79	175707	50.948	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.46	45	265822	43.092	ng	99
17) 2-Methylphenol	8.38	107	173361	49.408	ng	97
18) Hexachloroethane	9.01	117	62005	35.924	ng	97
19) n-Nitroso-di-n-propylamine	8.74	70	151806	47.245	ng	99
20) 3+4-Methylphenols	8.71	107	238133	49.170	ng	98
22) Acetophenone	8.75	105	296266	44.075	ng	# 99
24) Nitrobenzene	9.13	77	212984	44.621	ng	99
25) Isophorone	9.65	82	426249	48.121	ng	98
26) 2-Nitrophenol	9.84	139	119203	47.334	ng	95
27) 2,4-Dimethylphenol	9.91	122	194662	56.200	ng	98
28) bis(2-Chloroethoxy)methane	10.13	93	253847	44.525	ng	100
29) 2,4-Dichlorophenol	10.38	162	224639	48.650	ng	99
30) 1,2,4-Trichlorobenzene	10.59	180	215970	39.421	ng	99
31) Naphthalene	10.78	128	581562	43.133	ng	99
32) Benzoic acid	10.05	122	62466	29.056	ng	98
33) 4-Chloroaniline	10.89	127	38451	6.467	ng	96
34) Hexachlorobutadiene	11.07	225	128588	36.156	ng	97
35) Caprolactam	11.66	113	73349m	42.497	ng	
36) 4-Chloro-3-methylphenol	12.02	107	228104	50.509	ng	94
37) 2-Methylnaphthalene	12.39	142	476562	44.816	ng	99
38) 1-Methylnaphthalene	12.61	142	460733	45.742	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.76	216	282352	42.481	ng	99

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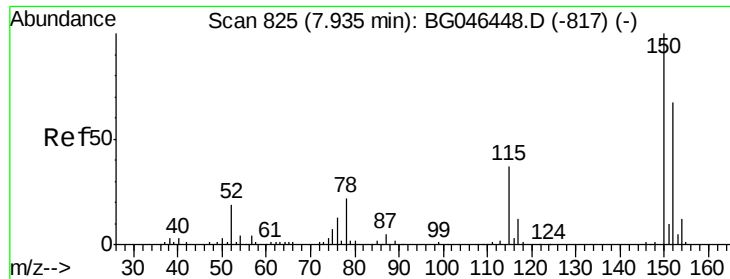
Manual Integrations
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Quant Time: Aug 27 01:46:27 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 25 18:00:34 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.74	237	304899	105.500	nq	99
43) 2,4,6-Trichlorophenol	13.00	196	206728	46.091	nq	100
44) 2,4,5-Trichlorophenol	13.07	196	229215	48.640	nq	98
46) 1,1'-Biphenyl	13.40	154	643107	45.861	nq	99
47) 2-Chloronaphthalene	13.44	162	502968	42.303	nq	99
48) 2-Nitroaniline	13.64	65	151895	46.009	nq	100
49) Acenaphthylene	14.28	152	836683	46.391	nq	99
50) Dimethylphthalate	14.02	163	710346	45.555	nq	100
51) 2,6-Dinitrotoluene	14.14	165	165865	48.255	nq	97
52) Acenaphthene	14.63	154	500537	44.786	nq	97
53) 3-Nitroaniline	14.46	138	82876	22.259	nq	96
54) 2,4-Dinitrophenol	14.68	184	219486	109.395	nq	98
55) Dibenzofuran	14.96	168	820759	45.760	nq	99
56) 4-Nitrophenol	14.79	139	261594	95.466	nq	100
57) 2,4-Dinitrotoluene	14.93	165	240660	49.103	nq	98
58) Fluorene	15.61	166	690118	45.844	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.19	232	223707	48.885	nq	98
60) Diethylphthalate	15.39	149	710187	46.713	nq	100
61) 4-Chlorophenyl-phenylether	15.60	204	376126	45.367	nq	97
62) 4-Nitroaniline	15.63	138	168874	42.986	nq	95
63) Azobenzene	15.90	77	580339	46.927	nq	98
65) 4,6-Dinitro-2-methylphenol	15.69	198	160036	54.117	nq	98
66) n-Nitrosodiphenylamine	15.82	169	640148	45.416	nq	100
67) 4-Bromophenyl-phenylether	16.50	248	268090	43.981	nq	98
68) Hexachlorobenzene	16.63	284	287116	42.531	nq	98
69) Atrazine	16.77	200	248274	43.177	nq	99
70) Pentachlorophenol	16.97	266	369860	104.862	nq	98
71) Phenanthrene	17.35	178	1191504	44.992	nq	99
72) Anthracene	17.44	178	1214260	46.472	nq	98
73) Carbazole	17.71	167	1138700	46.158	nq	99
74) Di-n-butylphthalate	18.27	149	1272422	44.855	nq	99
75) Fluoranthene	19.36	202	1553145	45.573	nq	98
77) Benzidine	19.54	184	166959	12.894	nq	98
78) Pyrene	19.72	202	1571089	44.276	nq	99
80) Butylbenzylphthalate	20.61	149	614028	44.364	nq	96
81) Benzo(a)anthracene	21.54	228	1533638	44.156	nq	98
82) 3,3'-Dichlorobenzidine	21.45	252	347782	26.982	nq	100
83) Chrysene	21.60	228	1476322	44.188	nq	98
84) Bis(2-ethylhexyl)phthalate	21.46	149	854716	45.251	nq	100
85) Di-n-octyl phthalate	22.63	149	1475949	45.636	nq	100
87) Indeno(1,2,3-cd)pyrene	28.18	276	1884680	44.567	nq	100
88) Benzo(b)fluoranthene	23.68	252	1567586	42.638	nq	97
89) Benzo(k)fluoranthene	23.75	252	1567391	44.112	nq	99
90) Benzo(a)pyrene	24.52	252	1473294	42.941	nq	99
91) Dibenzo(a,h)anthracene	28.24	278	1540424	45.140	nq	99
92) Benzo(g,h,i)perylene	29.28	276	1579927	46.363	nq	98

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



#1

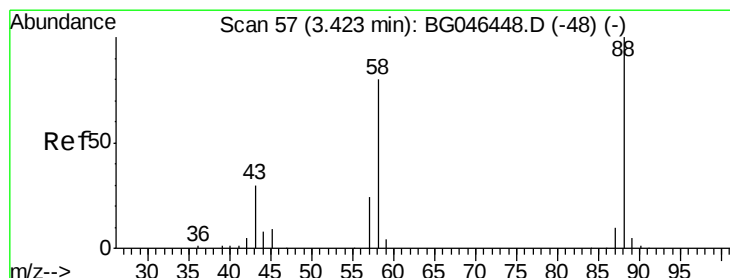
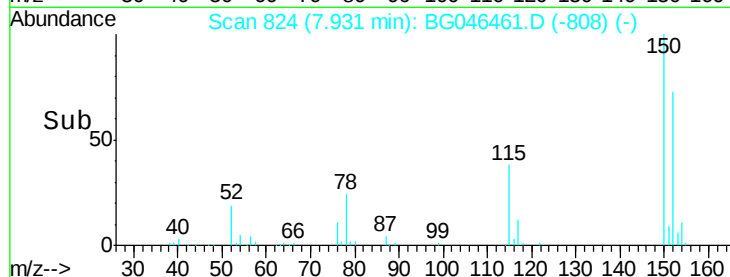
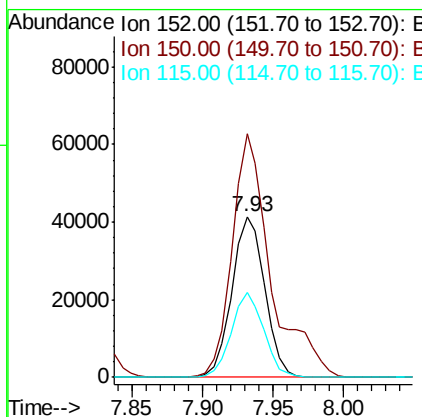
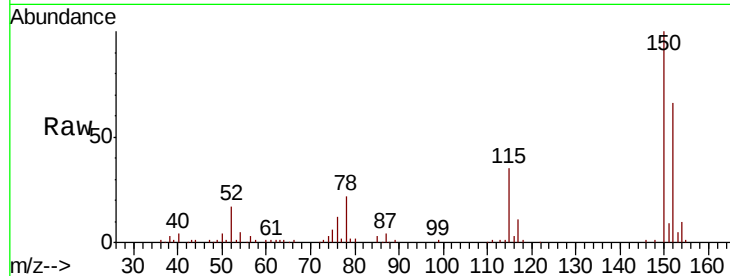
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.93 min Scan# 824
Delta R.T. -0.00 min
Lab File: BG046461.D
Acq: 26 Aug 2020 19:52

Instrument :
BNA_G
ClientSampleId :
RO-10MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.7	119.5	179.3
115	52.8	44.3	66.5

Manual Integrations
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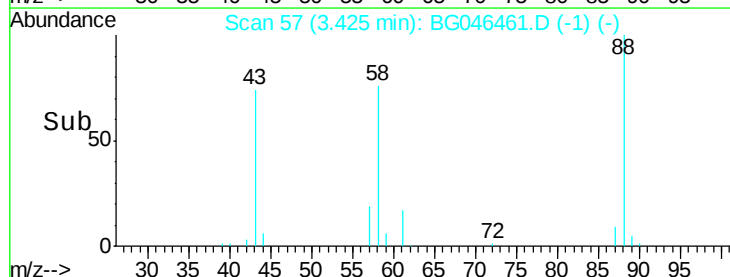
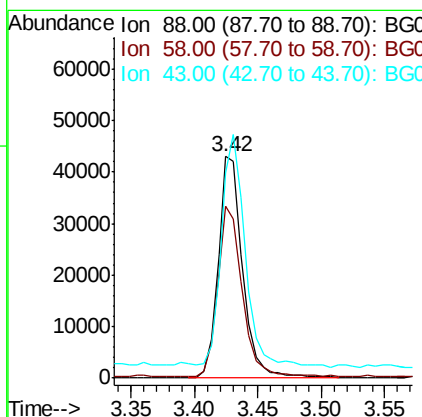
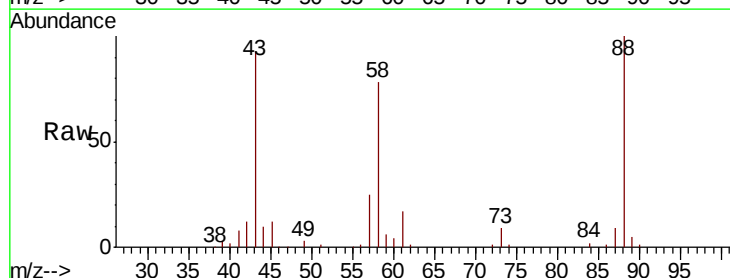
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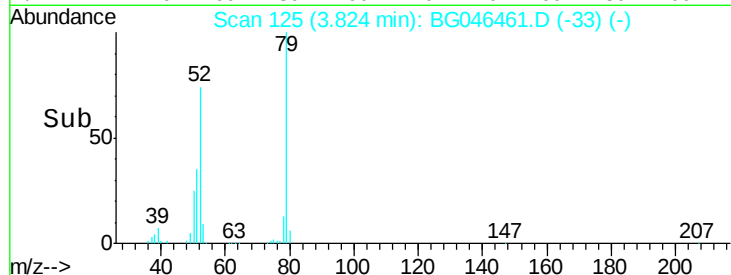
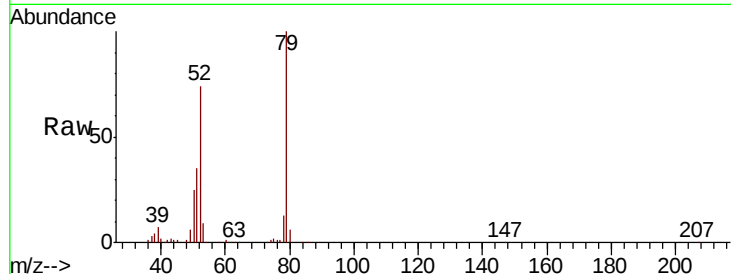
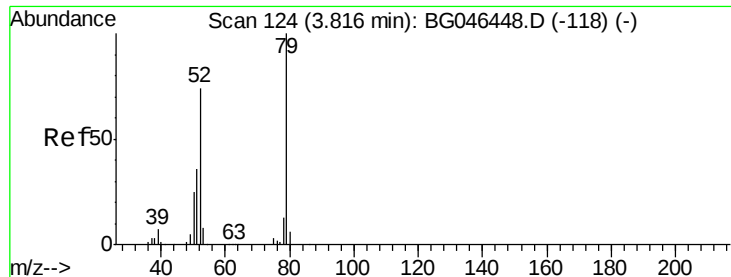


#2

1,4-Dioxane
Concen: 36.449 ng
RT: 3.42 min Scan# 57
Delta R.T. 0.00 min
Lab File: BG046461.D
Acq: 26 Aug 2020 19:52

Tgt Ion	Ratio	Lower	Upper
88	100		
58	78.2	61.4	92.2
43	102.8	21.6	32.4





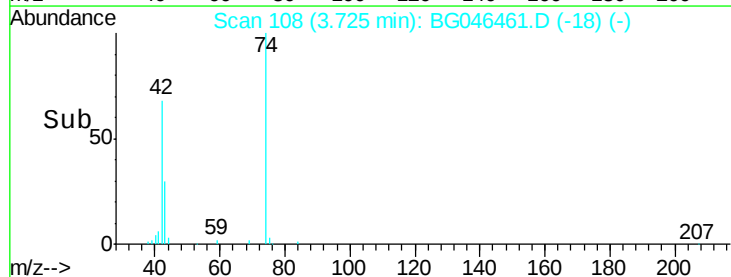
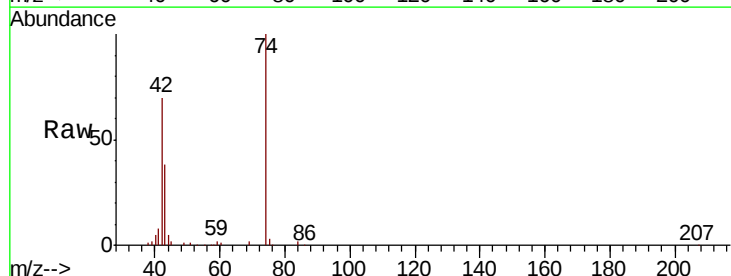
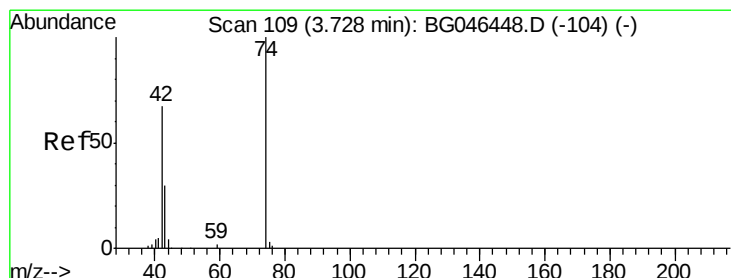
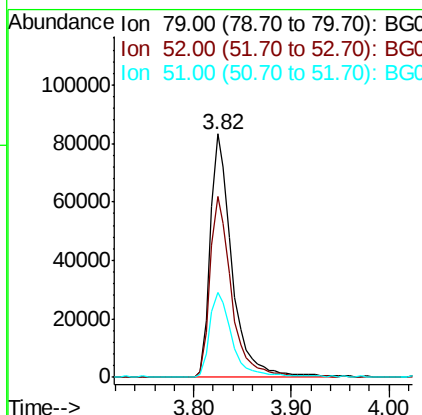
#3
 Pvridine
 Concen: 27.905 ng
 RT: 3.82 min Scan# 125
 Delta R.T. 0.01 min
 Lab File: BG046461.D
 Acq: 26 Aug 2020 19:52

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	79	100			
52	52	74.5	59.1	88.7	
51	51	35.0	29.0	43.6	

Instrument :
 BNA_G
 ClientSampled :
 RO-10MSD

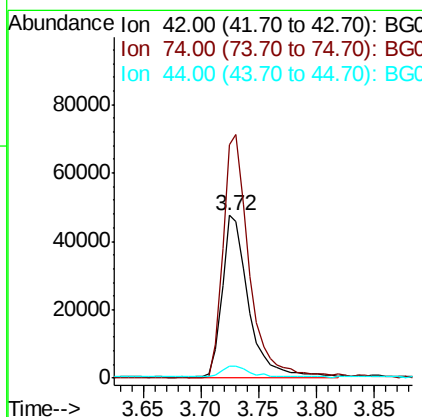
Manual Integrations
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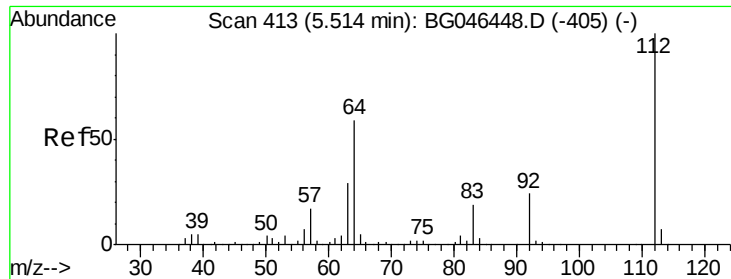
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#4
 n-Nitrosodimethylamine
 Concen: 43.658 ng
 RT: 3.72 min Scan# 108
 Delta R.T. -0.00 min
 Lab File: BG046461.D
 Acq: 26 Aug 2020 19:52

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	42	100			
74	74	143.4	119.5	179.3	
44	44	7.7	5.7	8.5	





#5

2-Fluorophenol

Concen: 119.595 ng

RT: 5.52 min Scan# 414

Delta R.T. 0.01 min

Lab File: BG046461.D

Acq: 26 Aug 2020 19:52

Instrument :

BNA_G

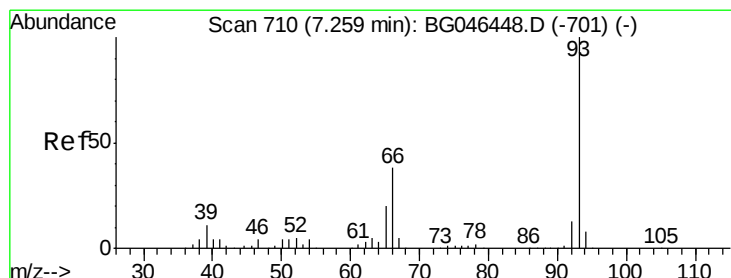
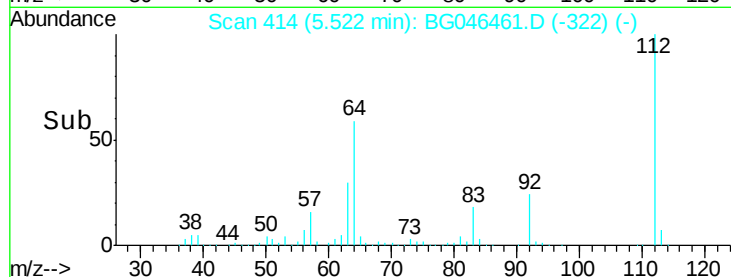
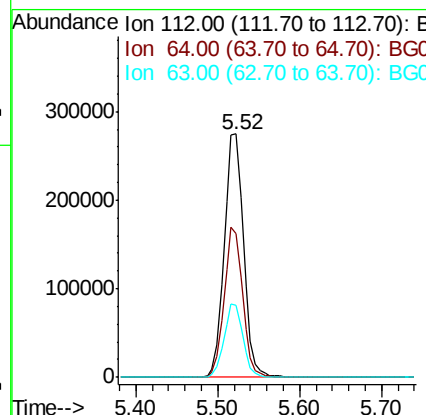
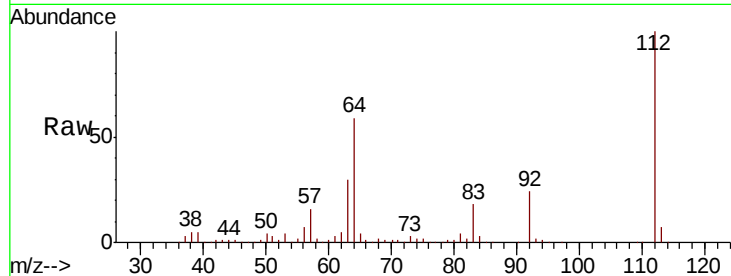
ClientSampleId :

RO-10MSD

Tot Ion:	112	Resp:	453176
Ion Ratio	Lower	Upper	
112	100		
64	59.3	47.0	70.6
63	29.9	23.5	35.3

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#6

Aniline

Concen: 25.791 ng

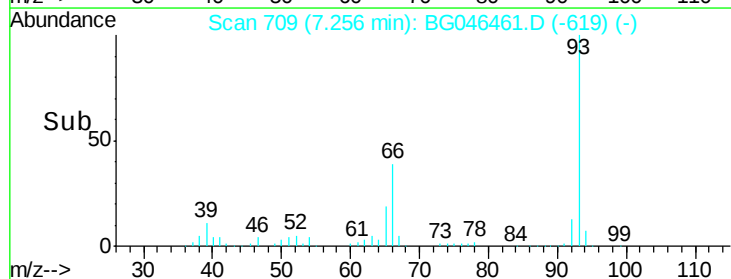
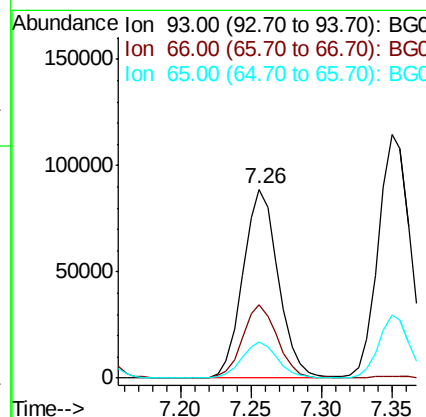
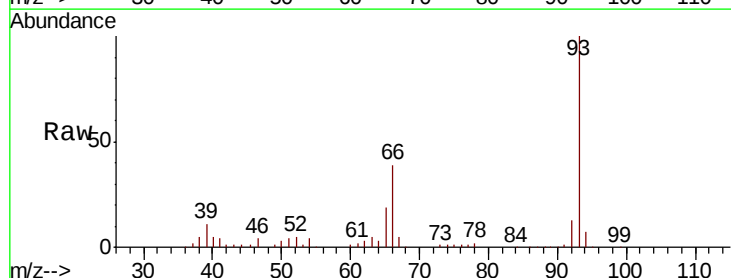
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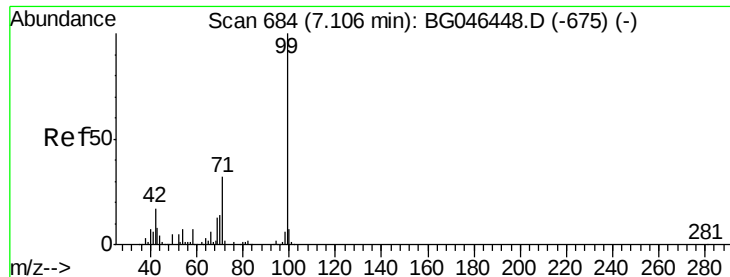
Delta R.T. -0.00 min

Lab File: BG046461.D

Acq: 26 Aug 2020 19:52

Tgt Ion:	93	Resp:	155897
Ion Ratio	Lower	Upper	
93	100		
66	39.1	30.4	45.6
65	18.9	15.8	23.6





#7

Phenol-d6

Concen: 104.697 ng

RT: 7.11 min Scan# 684

Delta R.T. 0.00 min

Lab File: BG046461.D

Acq: 26 Aug 2020 19:52

Instrument :

BNA_G

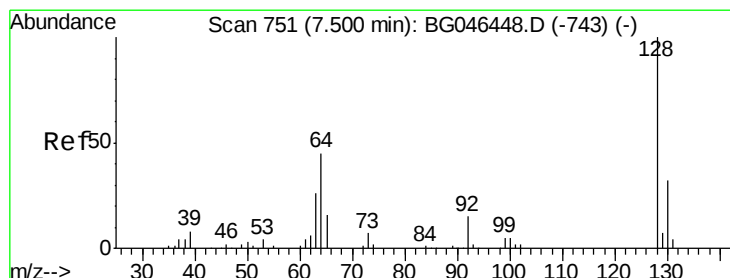
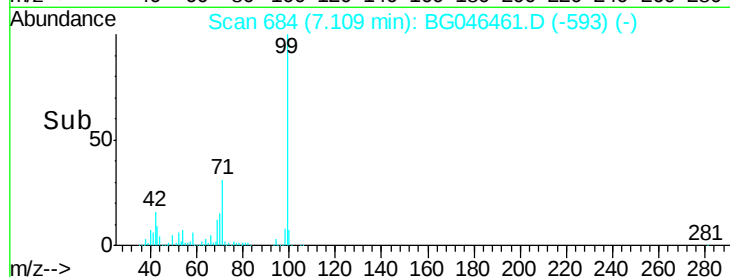
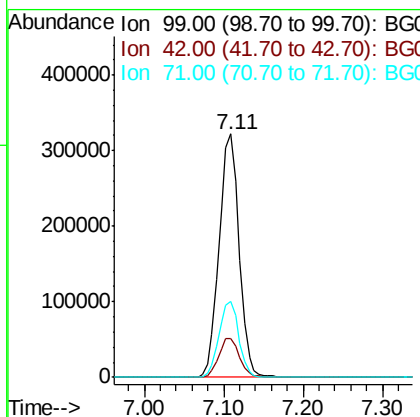
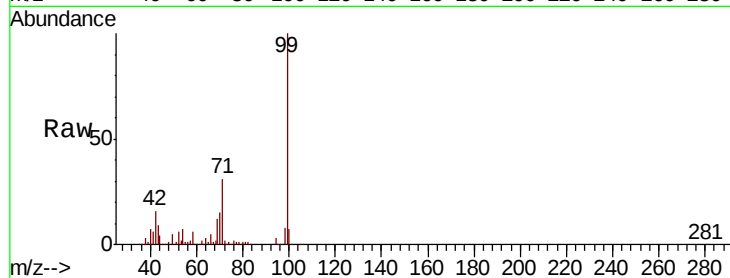
ClientSampleId :

RO-10MSD

Tot Ion:	99	Resp:	562400
Ion	Ratio	Lower	Upper
99	100		
42	16.1	13.3	19.9
71	31.4	25.3	37.9

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#8

2-Chlorophenol

Concen: 50.080 ng

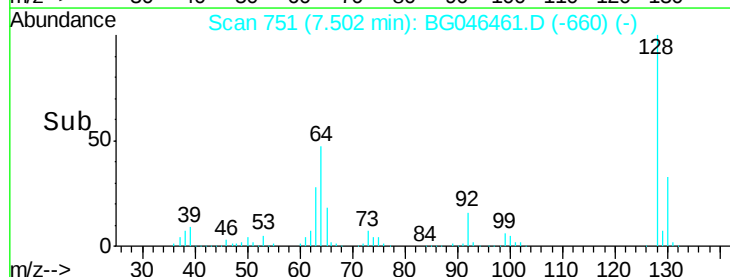
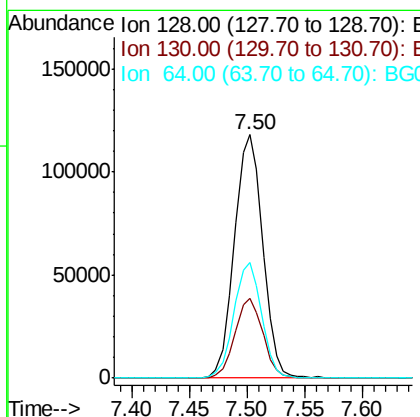
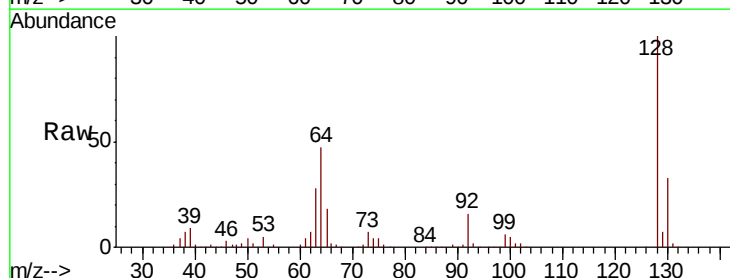
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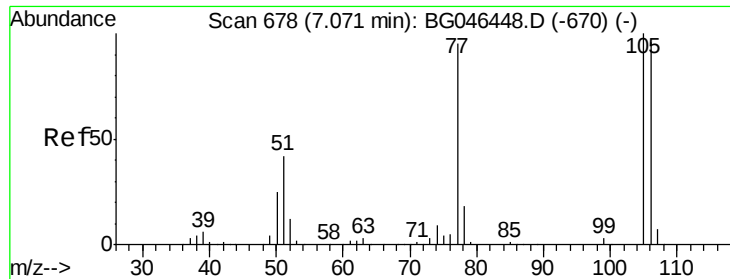
Delta R.T. 0.00 min

Lab File: BG046461.D

Acq: 26 Aug 2020 19:52

Tgt Ion:	128	Resp:	200565
Ion	Ratio	Lower	Upper
128	100		
130	32.9	12.4	52.4
64	47.5	28.1	68.1





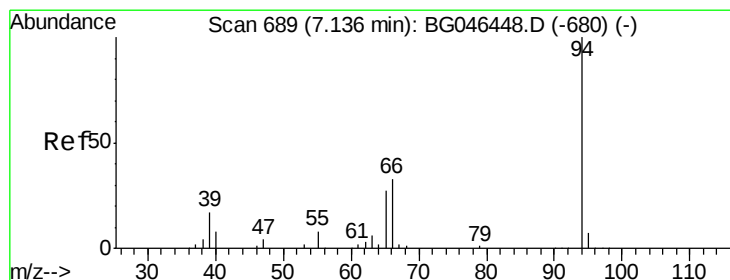
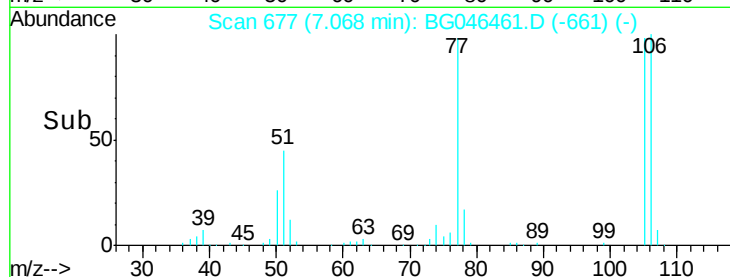
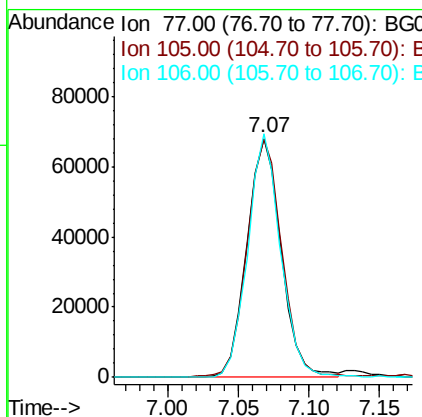
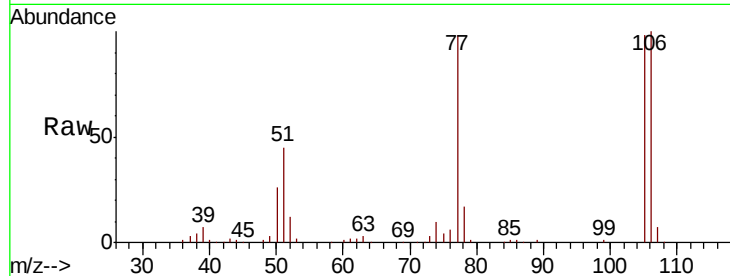
#9
Benzaldehyde
Concen: 38.653 ng
RT: 7.07 min Scan# 677
Delta R.T. -0.00 min
Lab File: BG046461.D
Acq: 26 Aug 2020 19:52

Instrument :
BNA_G
ClientSampleId :
RO-10MSD

Tot Ion	Ratio	Lower	Upper
77	100		
105	100.0	85.6	125.6
106	101.8	80.8	120.8

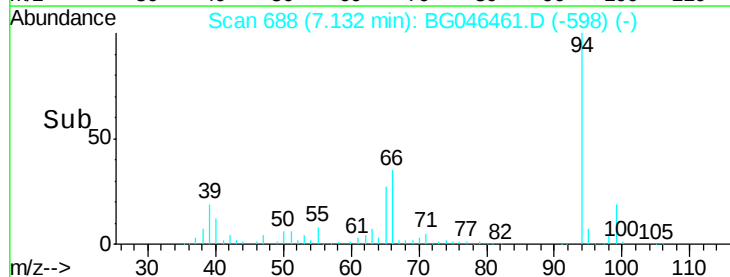
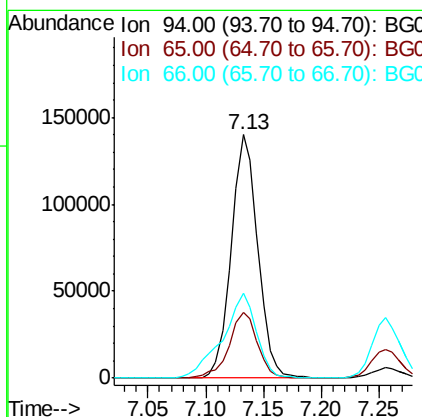
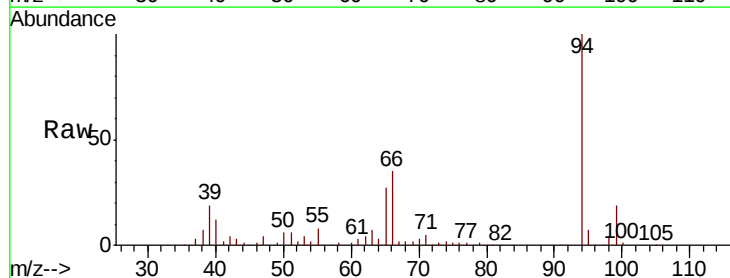
Manual Integrations
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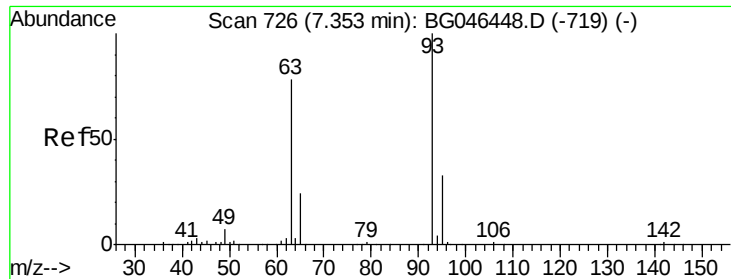
mohammad
8/27/2020 3:14:25 PM



#10
Phenol
Concen: 44.955 ng
RT: 7.13 min Scan# 688
Delta R.T. -0.00 min
Lab File: BG046461.D
Acq: 26 Aug 2020 19:52

Tgt Ion	Ratio	Lower	Upper
94	100		
65	27.2	7.5	47.5
66	34.8	14.1	54.1





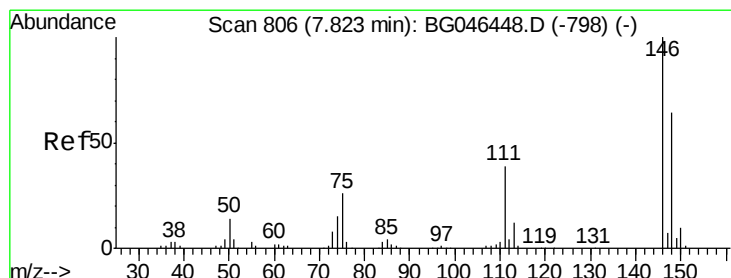
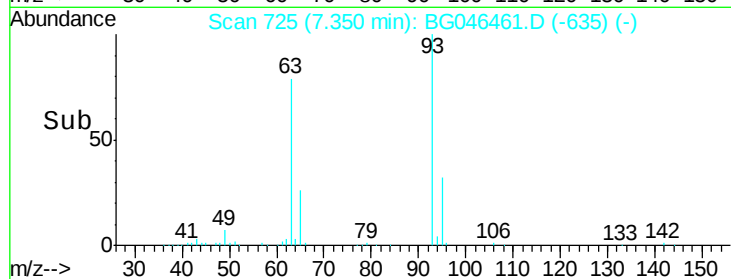
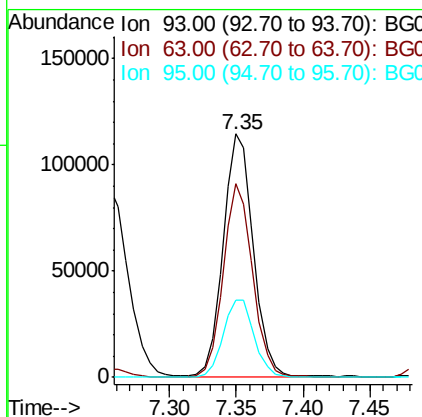
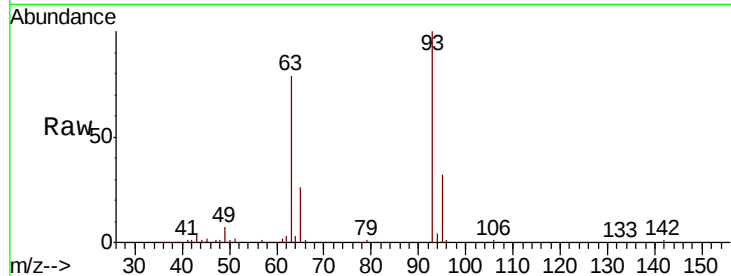
#11
bis(2-Chloroethyl)ether
Concen: 45.345 ng
RT: 7.35 min Scan# 725
Delta R.T. -0.00 min
Lab File: BG046461.D
Acq: 26 Aug 2020 19:52

Instrument :
BNA_G
ClientSampleId :
RO-10MSD

Tot Ion	93	Resp	180331
Ion	Ratio	Lower	Upper
93	100		
63	79.4	57.7	97.7
95	31.8	12.3	52.3

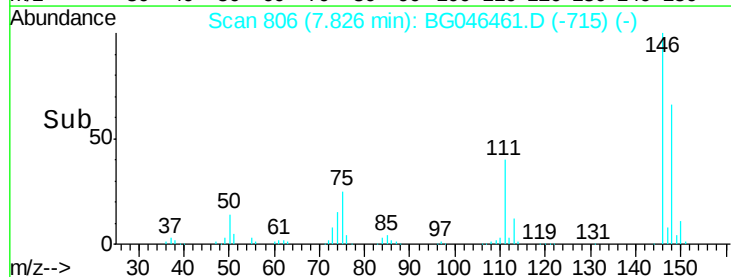
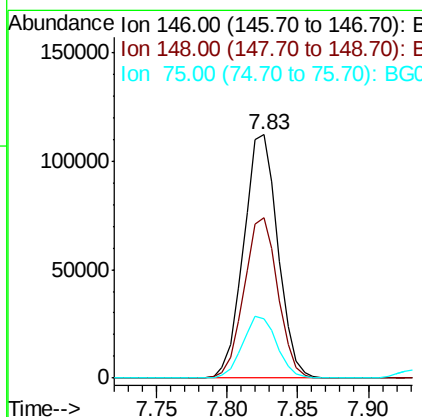
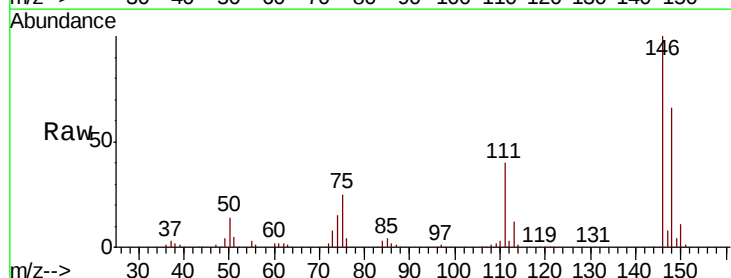
Manual Integrations
APPROVED

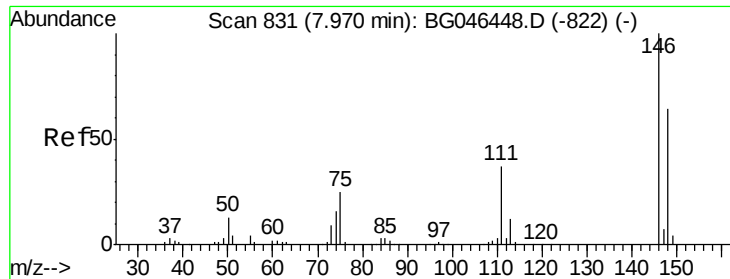
mohammad
8/27/2020 3:14:25 PM



#12
1,3-Dichlorobenzene
Concen: 37.477 ng
RT: 7.83 min Scan# 806
Delta R.T. 0.00 min
Lab File: BG046461.D
Acq: 26 Aug 2020 19:52

Tgt Ion	146	Resp	190558
Ion	Ratio	Lower	Upper
146	100		
148	65.7	51.4	77.0
75	24.6	20.7	31.1





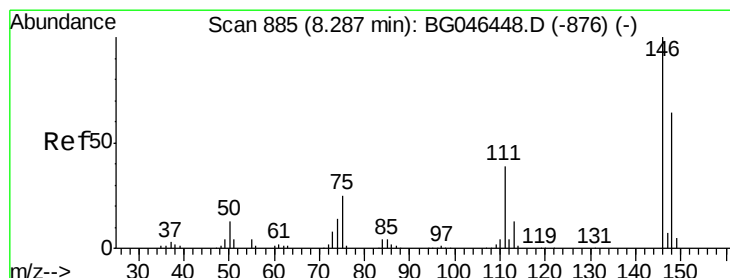
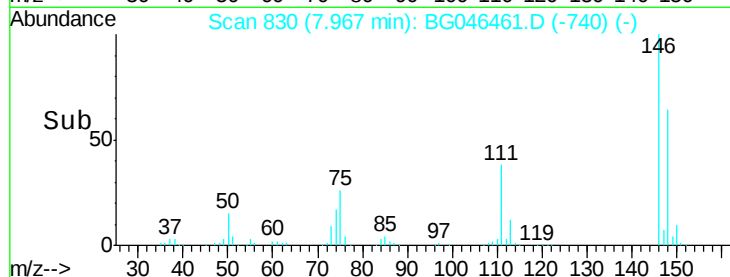
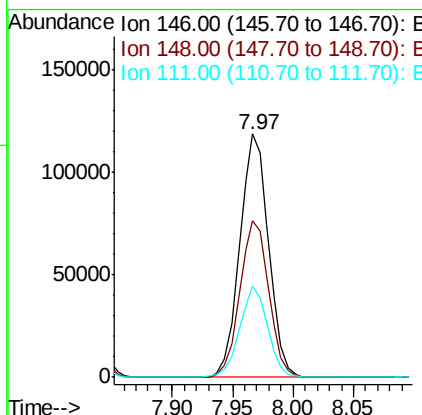
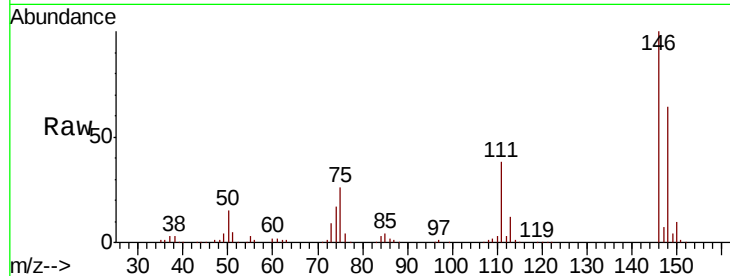
#13
 1,4-Dichlorobenzene
 Concen: 38.662 ng
 RT: 7.97 min Scan# 830
 Delta R.T. -0.00 min
 Lab File: BG046461.D
 Acq: 26 Aug 2020 19:52

Instrument :
 BNA_G
 ClientSampleId :
 RO-10MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.2	50.9	76.3
111	37.6	29.8	44.6

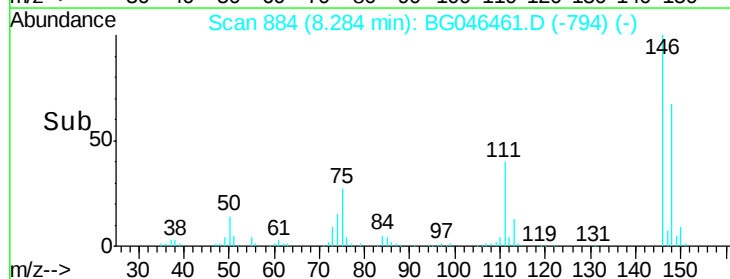
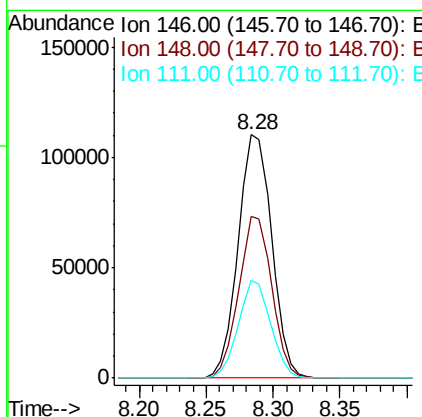
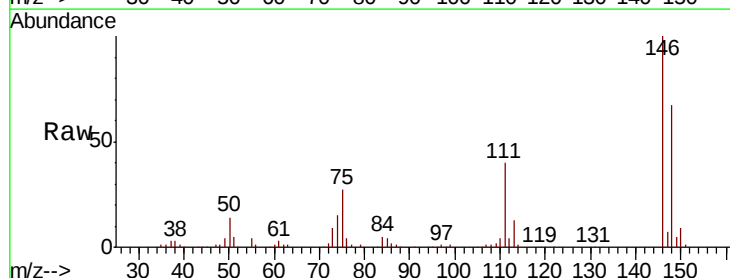
Manual Integrations
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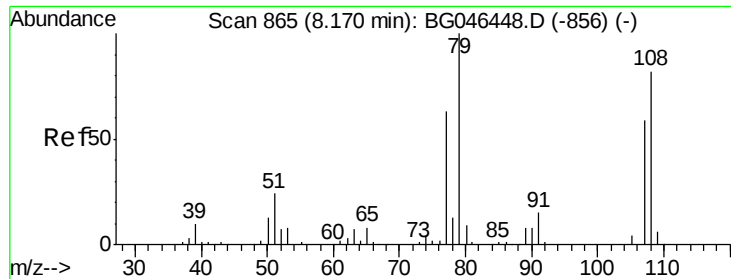
mohammad
 8/27/2020 3:14:25 PM



#14
 1,2-Dichlorobenzene
 Concen: 39.378 ng
 RT: 8.28 min Scan# 884
 Delta R.T. -0.00 min
 Lab File: BG046461.D
 Acq: 26 Aug 2020 19:52

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.6	51.4	77.0
111	40.1	31.4	47.2





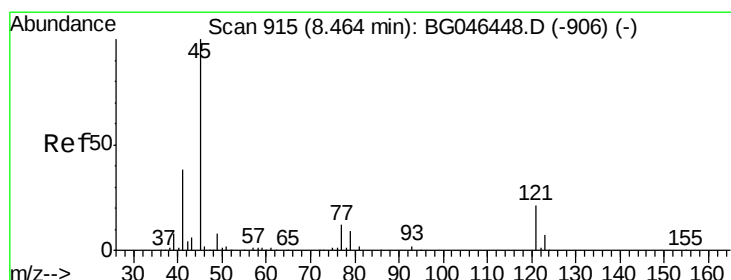
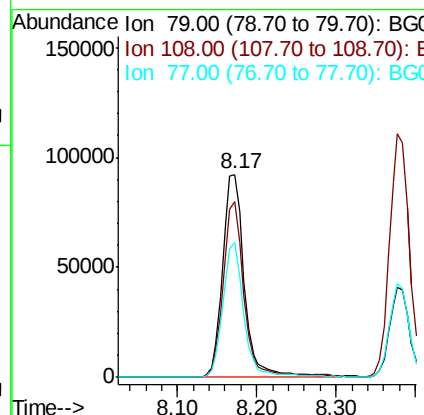
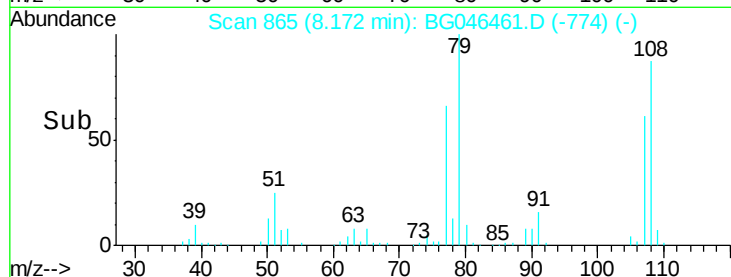
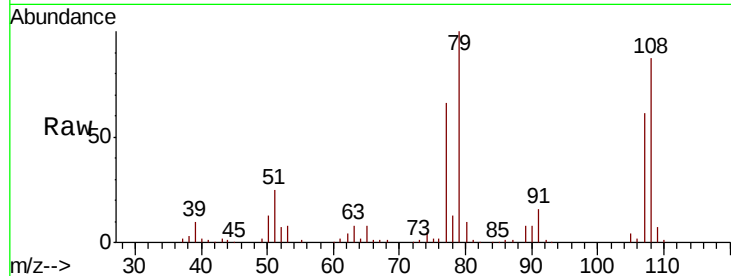
#15
Benzyl Alcohol
Concen: 50.948 ng
RT: 8.17 min Scan# 865
Delta R.T. 0.00 min
Lab File: BG046461.D
Acq: 26 Aug 2020 19:52

Instrument :
BNA_G
ClientSampled :
RO-10MSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	86.5	65.7	98.5
77	66.3	50.3	75.5

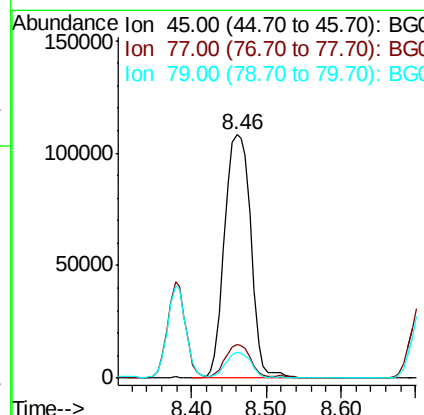
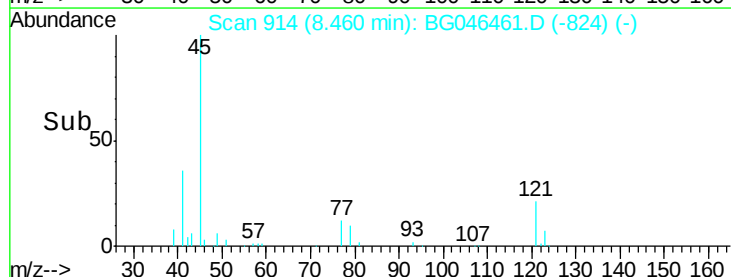
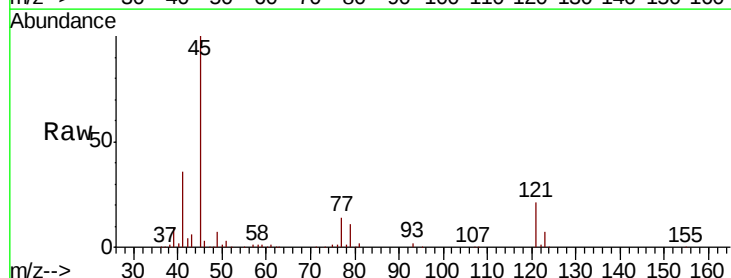
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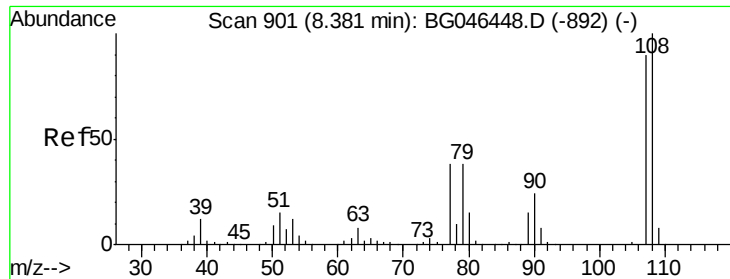
mohammad
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.092 ng
RT: 8.46 min Scan# 914
Delta R.T. -0.00 min
Lab File: BG046461.D
Acq: 26 Aug 2020 19:52

Tgt Ion	Ratio	Lower	Upper
45	100		
77	13.6	0.0	33.2
79	10.6	0.0	30.3





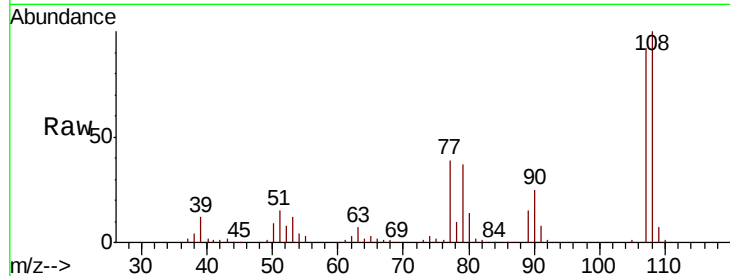
#17
2-Methylphenol
Concen: 49.408 ng
RT: 8.38 min Scan# 900
Delta R.T. -0.00 min
Lab File: BG046461.D
Acq: 26 Aug 2020 19:52

Instrument :
BNA_G
ClientSampleId :
RO-10MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100	173361		
108	108.6	89.4	134.0	
77	42.0	34.5	51.7	
79	40.2	33.8	50.6	

Manual Integrations
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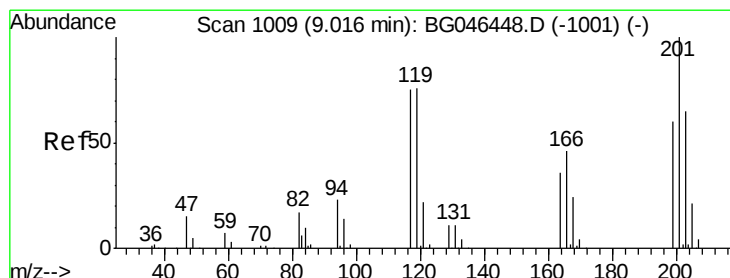
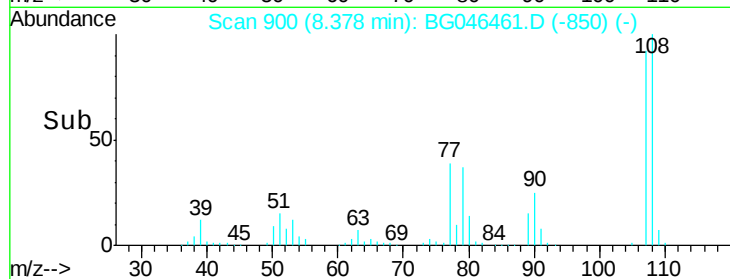
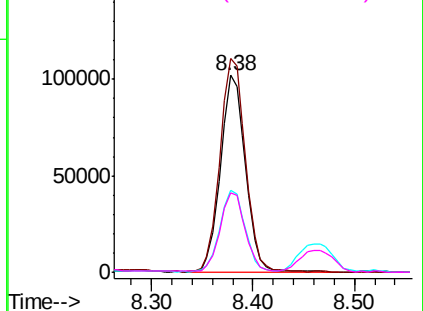
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

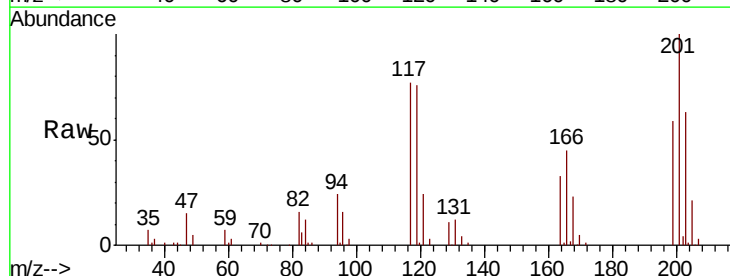
Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC



#18
Hexachloroethane
Concen: 35.924 ng
RT: 9.01 min Scan# 1008
Delta R.T. -0.00 min
Lab File: BG046461.D
Acq: 26 Aug 2020 19:52

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	62005		
119	99.0	80.8	121.2	
201	129.7	106.7	160.1	

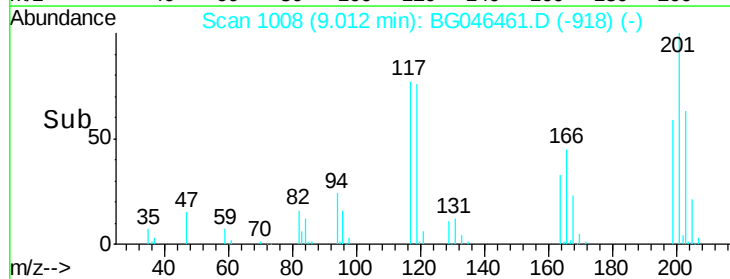
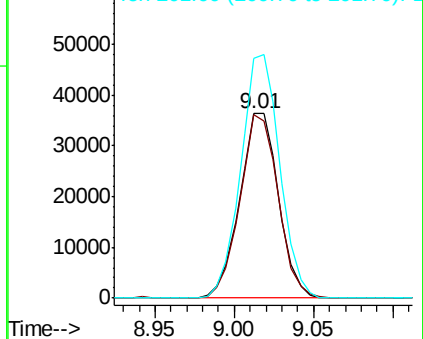


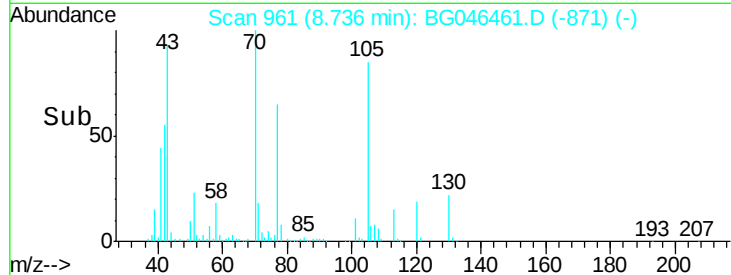
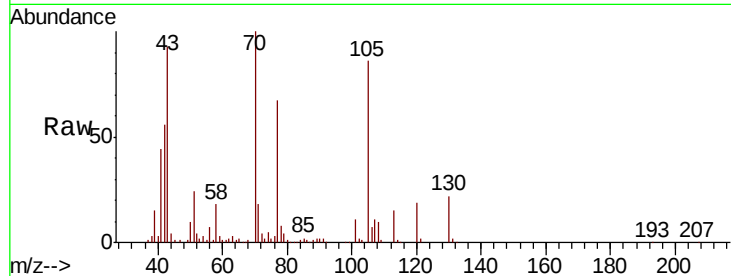
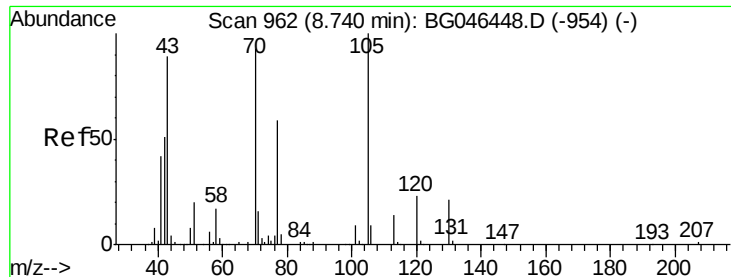
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





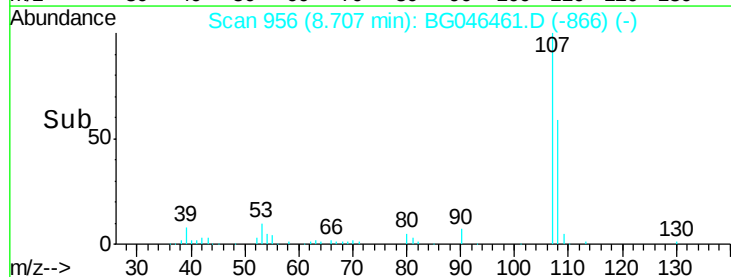
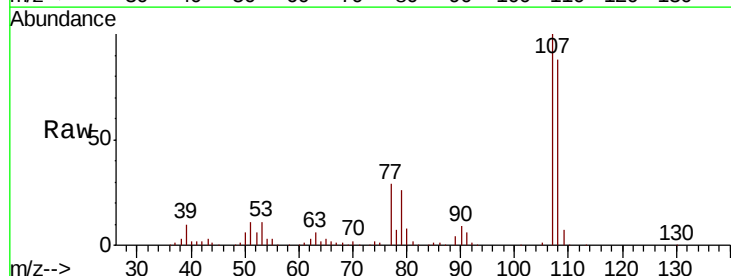
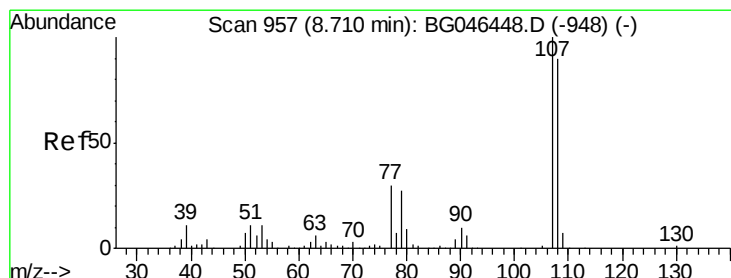
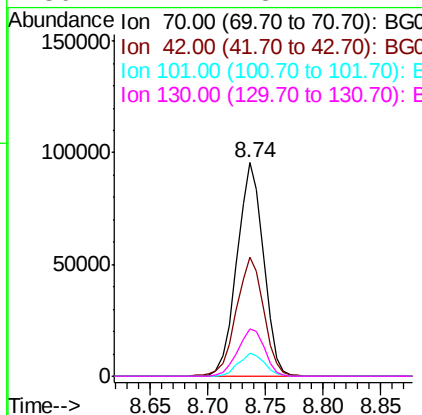
#19
n-Nitroso-di-n-propylamine
Concen: 47.245 ng
RT: 8.74 min Scan# 961
Delta R.T. -0.00 min
Lab File: BG046461.D
Acq: 26 Aug 2020 19:52

Instrument :
BNA_G
ClientSampleId :
RO-10MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		151806		
42	55.5	44.2	66.2		
101	10.8	7.8	11.8		
130	22.2	18.2	27.4		

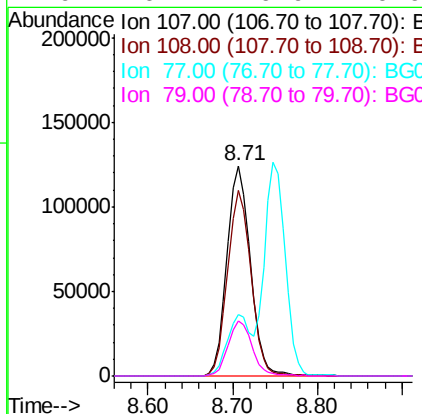
Manual Integrations
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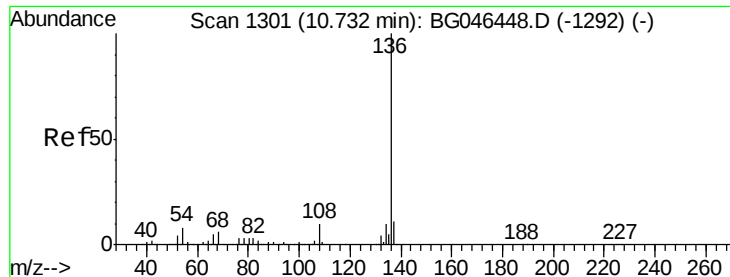
mohammad
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#20
3+4-Methylphenols
Concen: 49.170 ng
RT: 8.71 min Scan# 956
Delta R.T. -0.00 min
Lab File: BG046461.D
Acq: 26 Aug 2020 19:52

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		238133		
108	88.0	69.7	109.7		
77	29.2	9.7	49.7		
79	26.1	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: BG046461.D

Acq: 26 Aug 2020 19:52

Instrument :

BNA_G

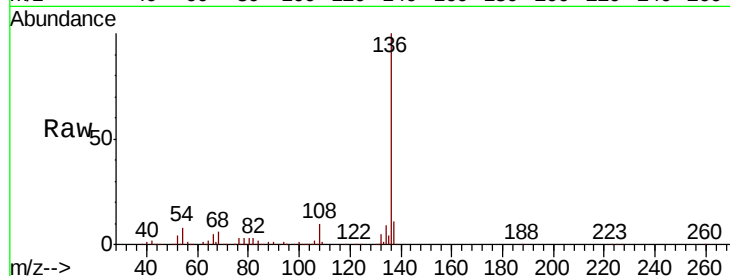
ClientSampleId :

RO-10MSD

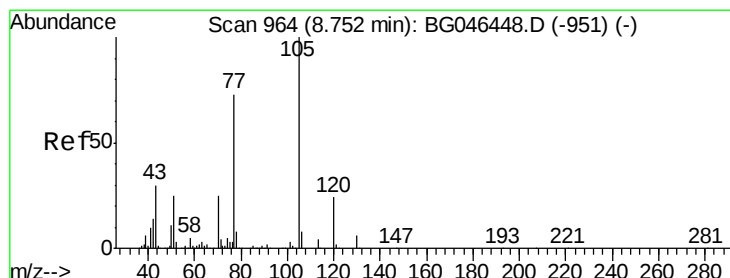
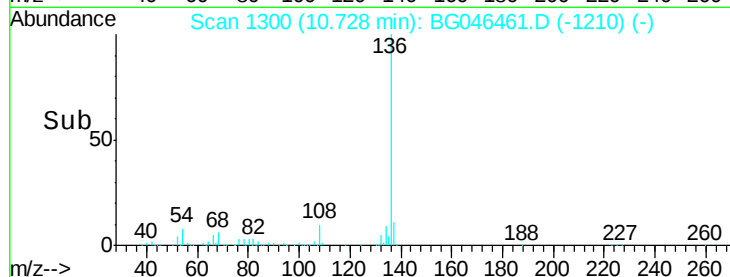
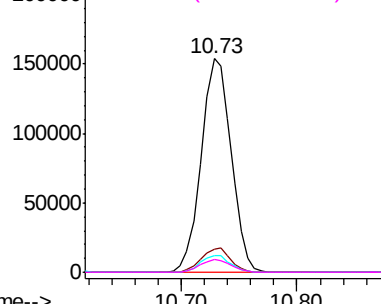
Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		276140		
137	11.0	8.8	13.2		
54	8.1	6.1	9.1		
68	5.9	4.8	7.2		

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Abundance Ion 136.00 (135.70 to 136.70): E



#22

Acetophenone

Concen: 44.075 ng

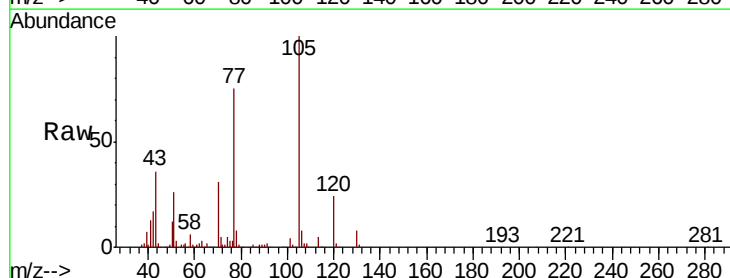
RT: 8.75 min Scan# 963

Delta R.T. -0.00 min

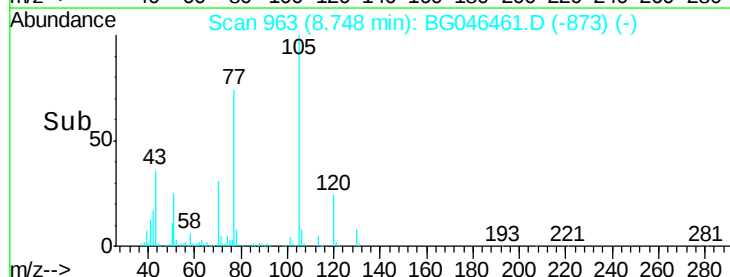
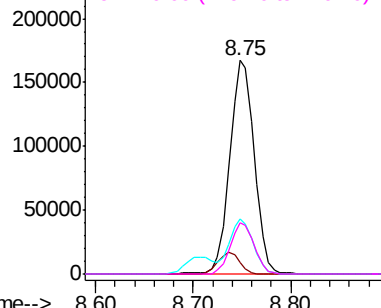
Lab File: BG046461.D

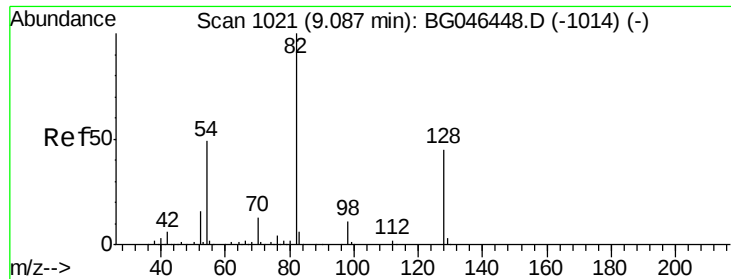
Acq: 26 Aug 2020 19:52

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		296266		
71	5.2	3.3	4.9#		
51	25.6	20.6	31.0		
120	24.1	19.0	28.6		



Abundance Ion 105.00 (104.70 to 105.70): E





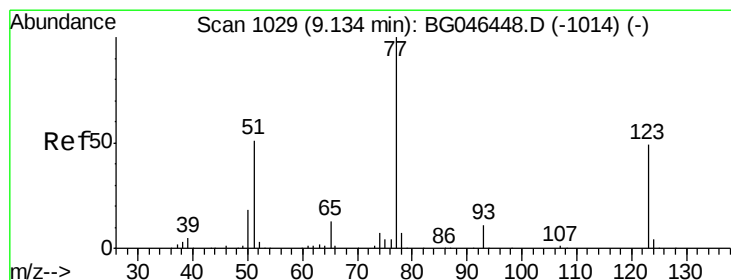
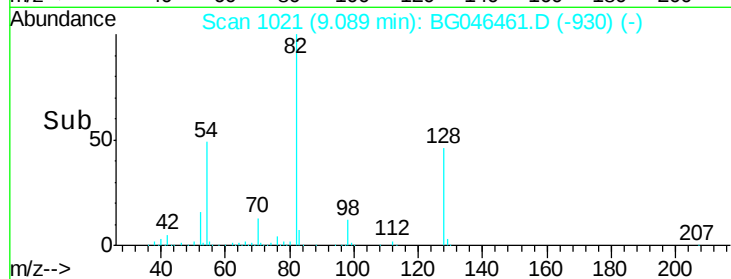
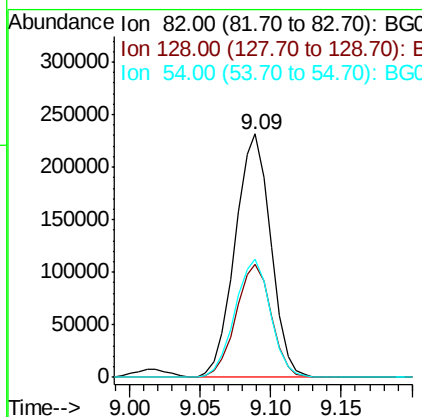
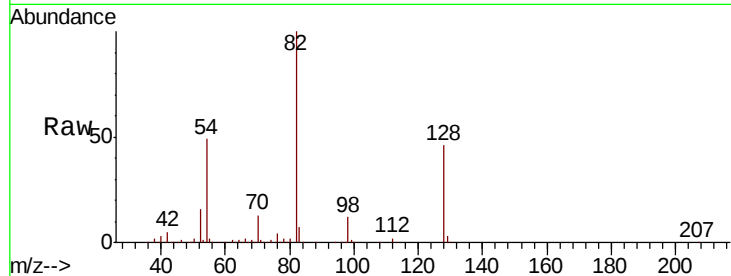
#23
 Nitrobenzene-d5
 Concen: 84.284 ng
 RT: 9.09 min Scan# 1021
 Delta R.T. 0.00 min
 Lab File: BG046461.D
 Acq: 26 Aug 2020 19:52

Instrument :
 BNA_G
 ClientSampleId :
 RO-10MSD

Tot Ion	82	Resp	407212
Ion Ratio	100	Lower	Upper
128	46.4	35.7	53.5
54	48.8	39.4	59.0

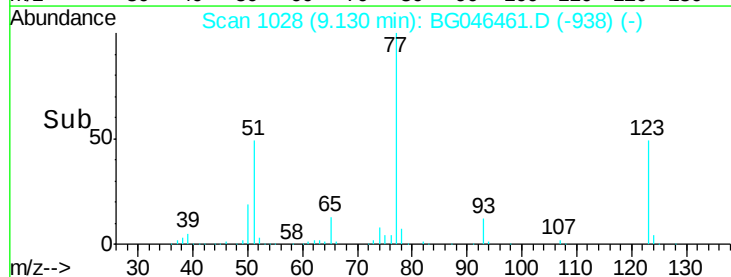
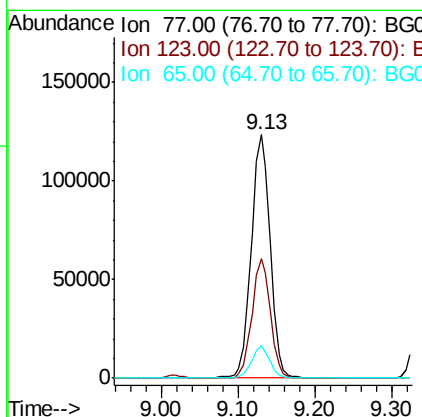
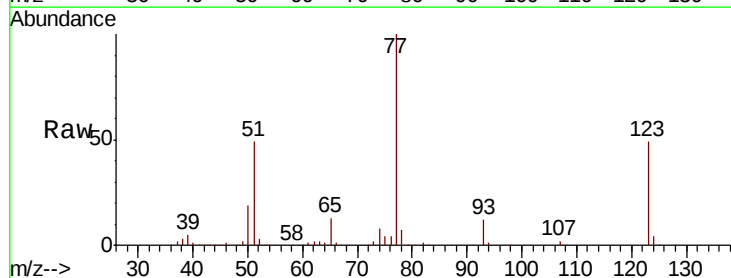
Manual Integrations
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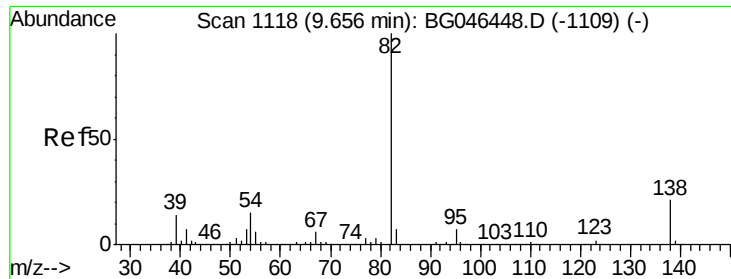
mohammad
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#24
 Nitrobenzene
 Concen: 44.621 ng
 RT: 9.13 min Scan# 1028
 Delta R.T. -0.00 min
 Lab File: BG046461.D
 Acq: 26 Aug 2020 19:52

Tgt Ion	77	Resp	212984
Ion Ratio	100	Lower	Upper
123	49.2	39.6	59.4
65	13.1	10.1	15.1





#25

Isophorone

Concen: 48.121 ng

RT: 9.65 min Scan# 1117

Delta R.T. -0.00 min

Lab File: BG046461.D

Acq: 26 Aug 2020 19:52

Instrument :

BNA_G

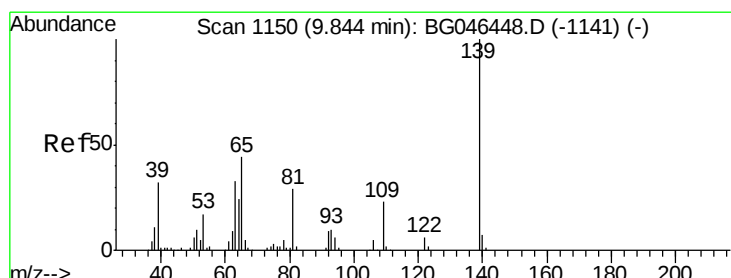
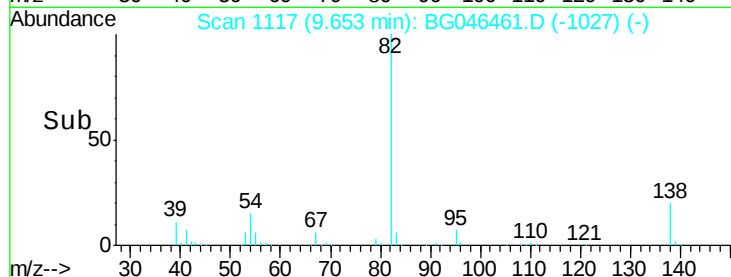
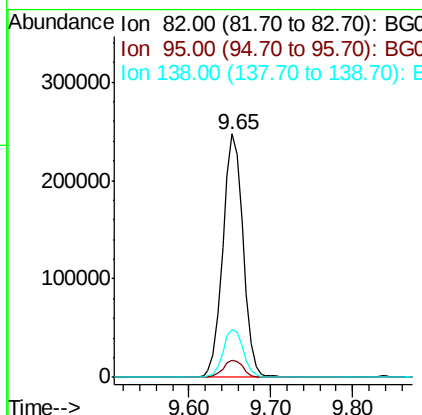
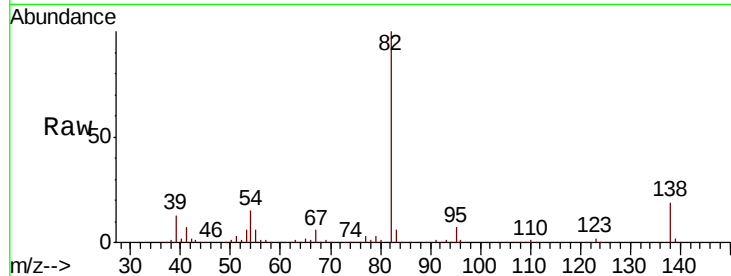
ClientSampleId :

RO-10MSD

Tot Ion:	82	Resp:	426249
Ion	Ratio	Lower	Upper
82	100		
95	7.2	5.8	8.6
138	19.4	16.4	24.6

Manual Integrations
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#26

2-Nitrophenol

Concen: 47.334 ng

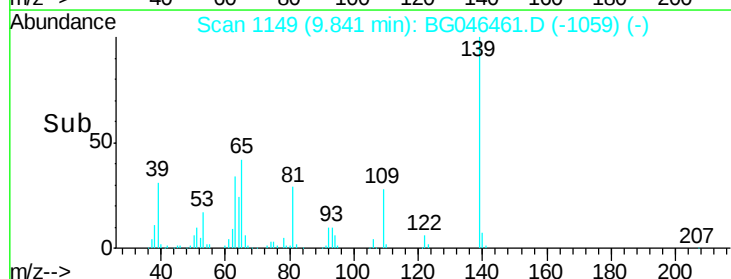
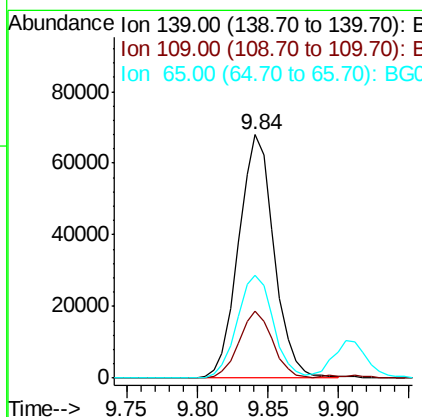
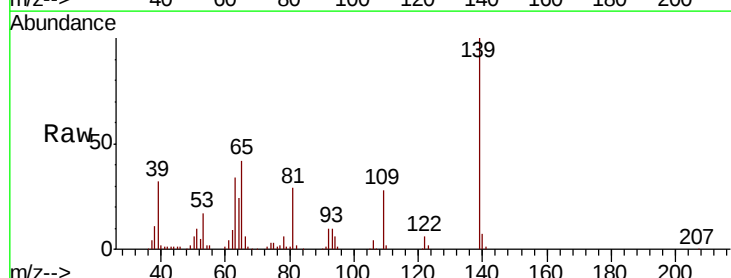
RT: 9.84 min Scan# 1149

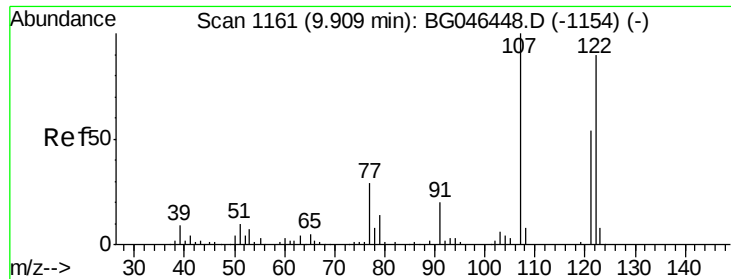
Delta R.T. -0.00 min

Lab File: BG046461.D

Acq: 26 Aug 2020 19:52

Tgt Ion:	139	Resp:	119203
Ion	Ratio	Lower	Upper
139	100		
109	27.8	18.8	28.2
65	42.3	35.0	52.6





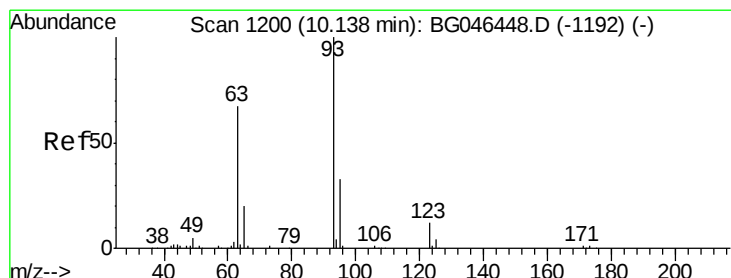
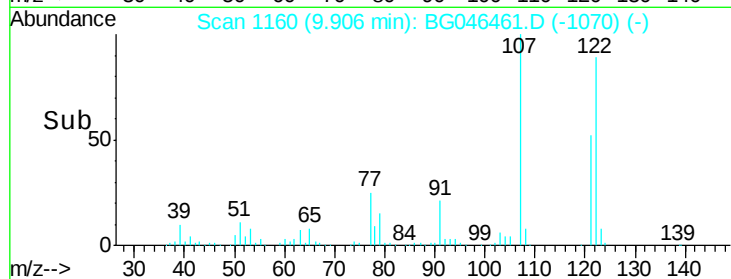
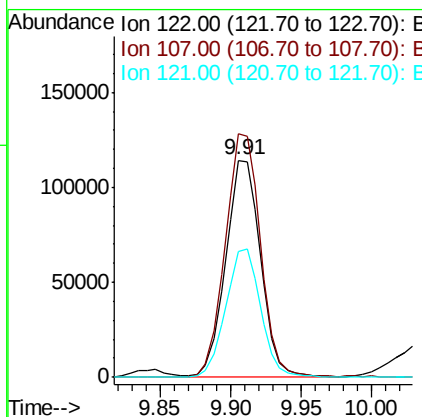
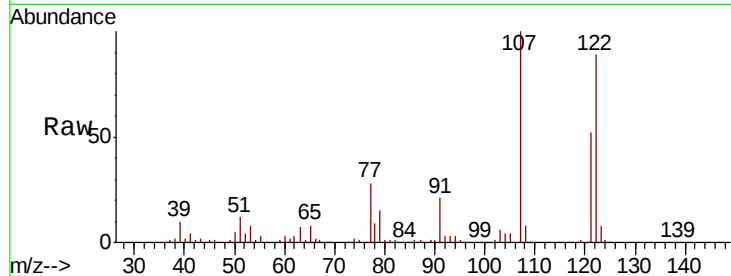
#27
2,4-Dimethylphenol
Concen: 56.200 ng
RT: 9.91 min Scan# 1160
Delta R.T. -0.00 min
Lab File: BG046461.D
Acq: 26 Aug 2020 19:52

Instrument :
BNA_G
ClientSampleId :
RO-10MSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	112.3	88.2	132.2
121	58.3	47.4	71.0

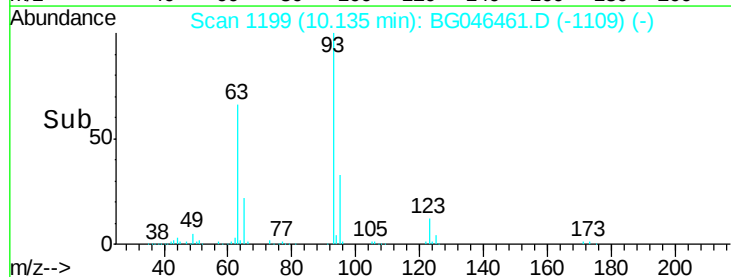
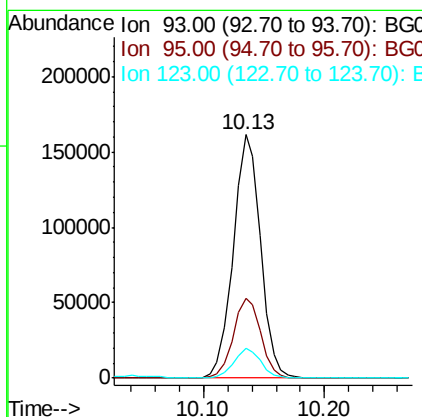
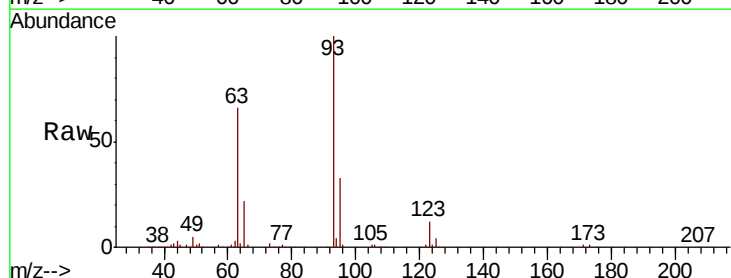
Manual Integrations
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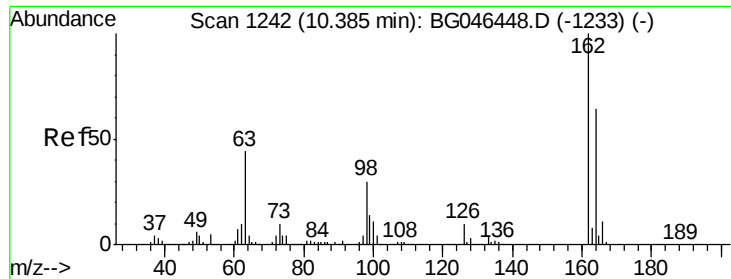
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 44.525 ng
RT: 10.13 min Scan# 1199
Delta R.T. -0.00 min
Lab File: BG046461.D
Acq: 26 Aug 2020 19:52

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.6	26.1	39.1
123	12.4	9.5	14.3





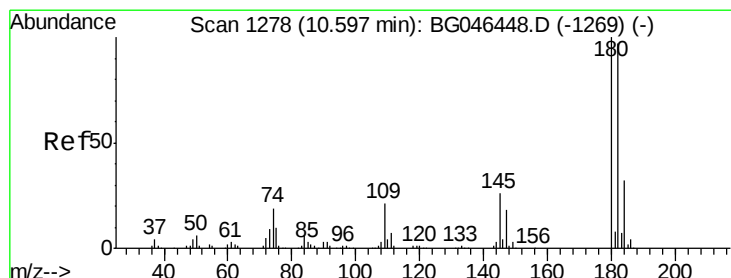
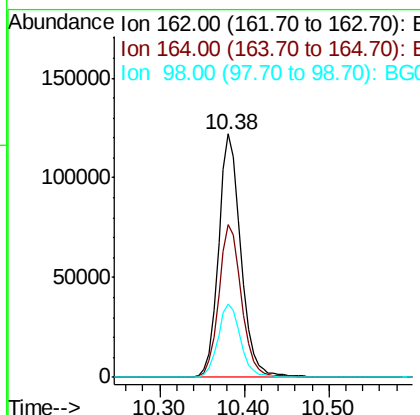
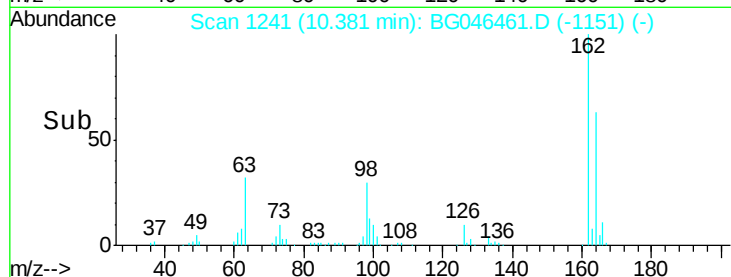
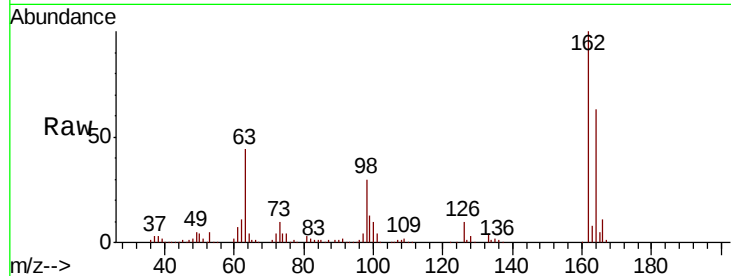
#29
 2,4-Dichlorophenol
 Concen: 48.650 ng
 RT: 10.38 min Scan# 1241
 Delta R.T. -0.00 min
 Lab File: BG046461.D
 Acq: 26 Aug 2020 19:52

Instrument :
 BNA_G
 ClientSampleId :
 RO-10MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	224639		
164	62.9	44.3	84.3	
98	30.3	10.0	50.0	

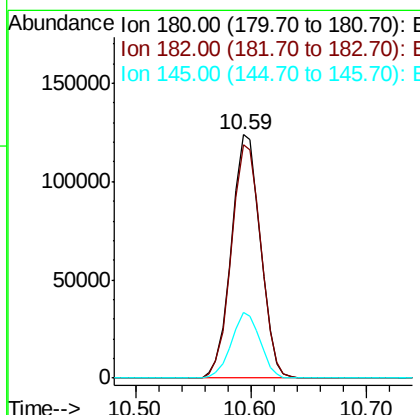
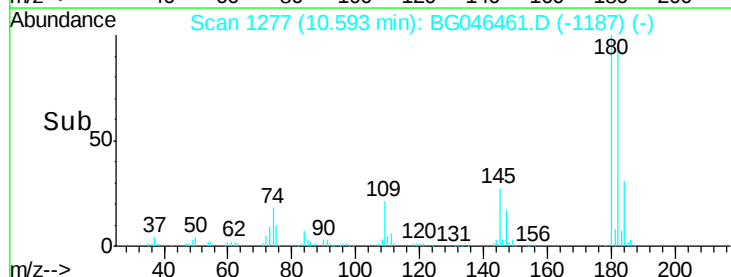
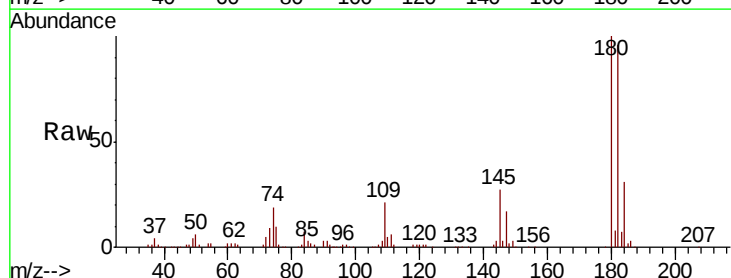
Manual Integrations
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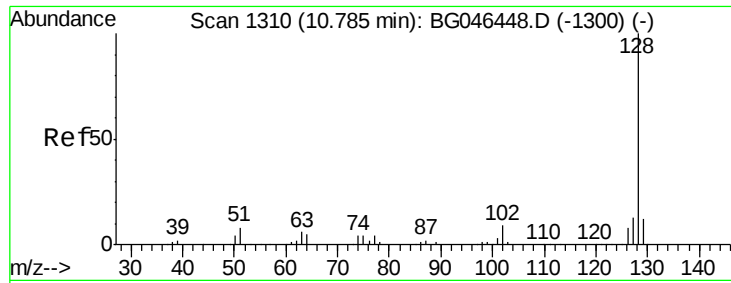
mohammad
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#30
 1,2,4-Trichlorobenzene
 Concen: 39.421 ng
 RT: 10.59 min Scan# 1277
 Delta R.T. -0.00 min
 Lab File: BG046461.D
 Acq: 26 Aug 2020 19:52

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	215970		
182	96.0	77.8	116.8	
145	26.8	20.9	31.3	





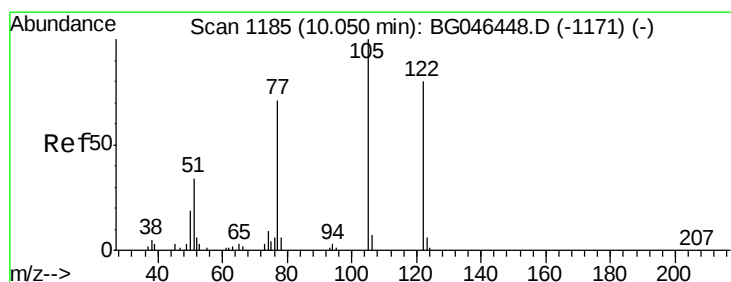
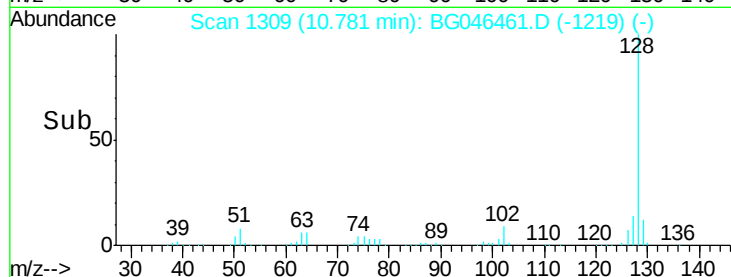
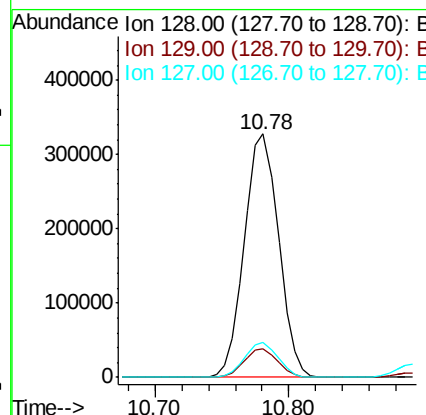
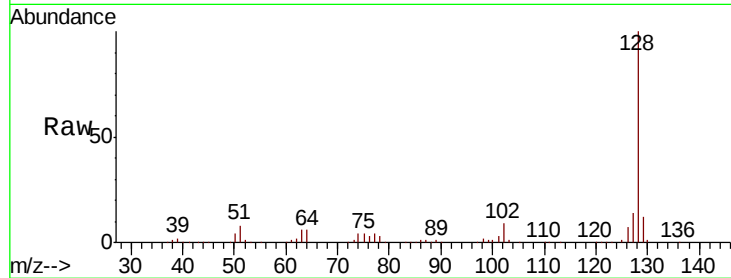
#31
Naphthalene
Concen: 43.133 ng
RT: 10.78 min Scan# 1309
Delta R.T. -0.00 min
Lab File: BG046461.D
Acq: 26 Aug 2020 19:52

Instrument :
BNA_G
ClientSampleId :
RO-10MSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.7	9.2	13.8
127	14.3	10.7	16.1

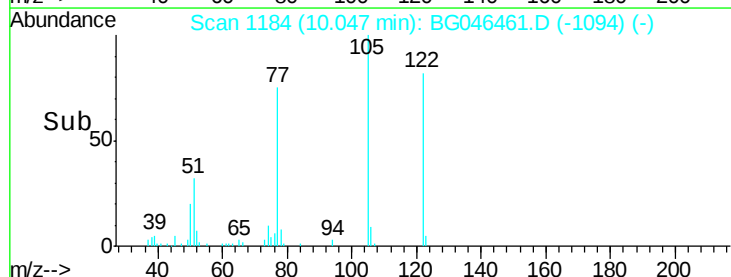
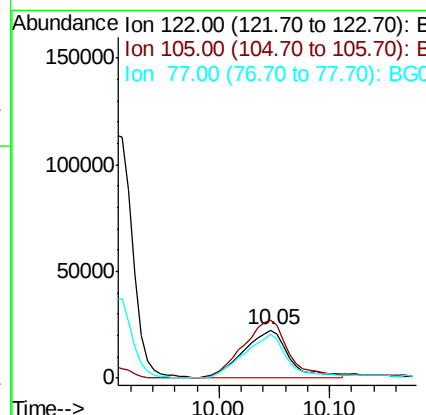
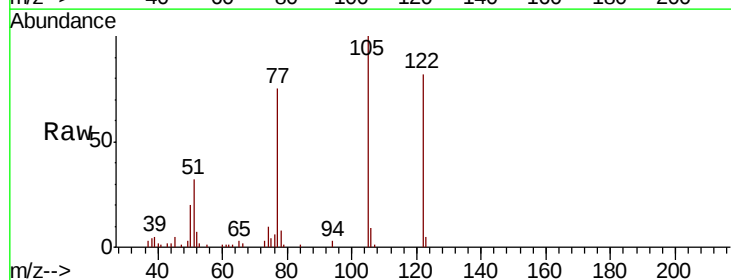
Manual Integrations
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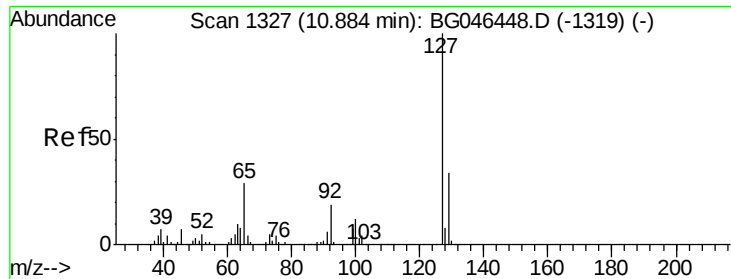
mohammad
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#32
Benzoic acid
Concen: 29.056 ng
RT: 10.05 min Scan# 1184
Delta R.T. -0.00 min
Lab File: BG046461.D
Acq: 26 Aug 2020 19:52

Tgt Ion	Ratio	Lower	Upper
122	100		
105	121.3	102.5	142.5
77	90.5	68.2	108.2





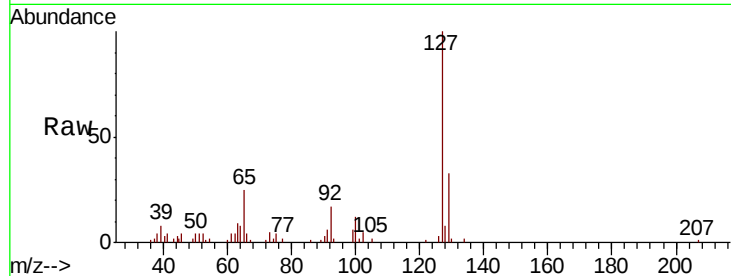
#33
4-Chloroaniline
Concen: 6.467 ng
RT: 10.89 min Scan# 1328
Delta R.T. 0.01 min
Lab File: BG046461.D
Acq: 26 Aug 2020 19:52

Instrument :
BNA_G
ClientSampleId :
RO-10MSD

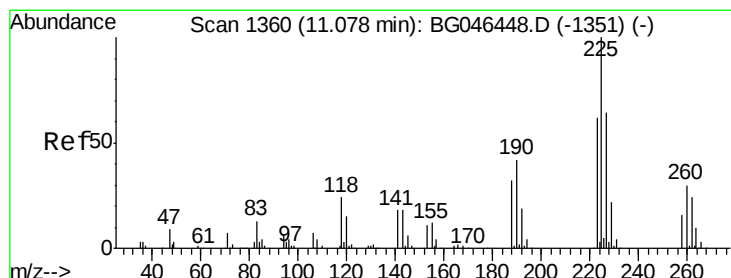
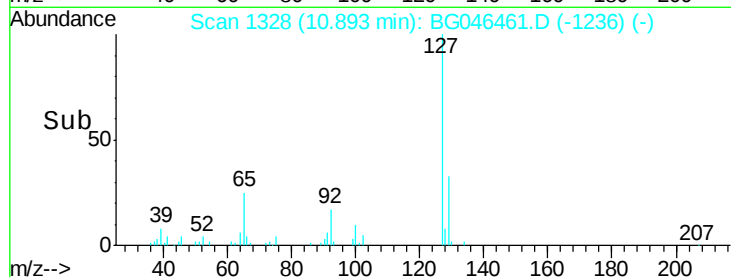
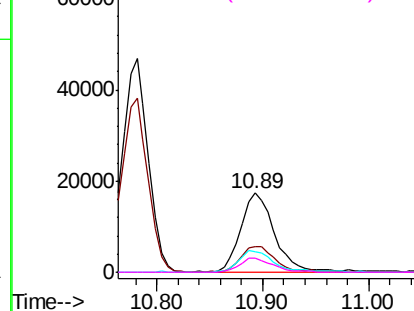
Tot Ion	Ratio	Lower	Upper
127	100		
129	33.3	27.0	40.4
65	25.3	23.5	35.3
92	17.2	14.9	22.3

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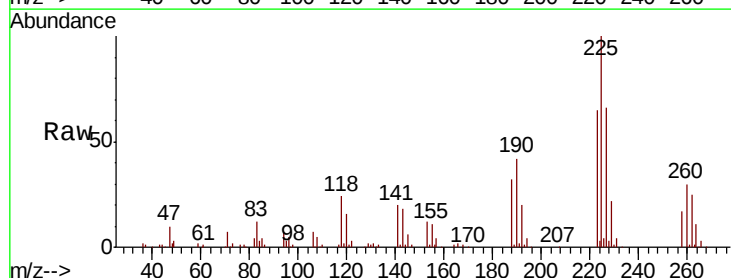


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

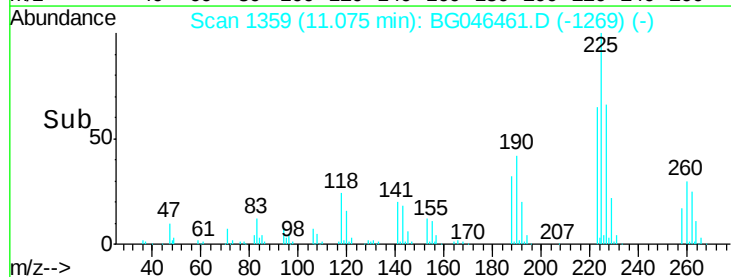
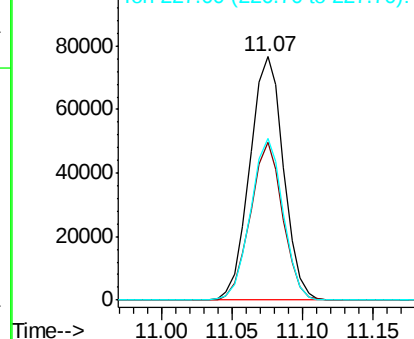


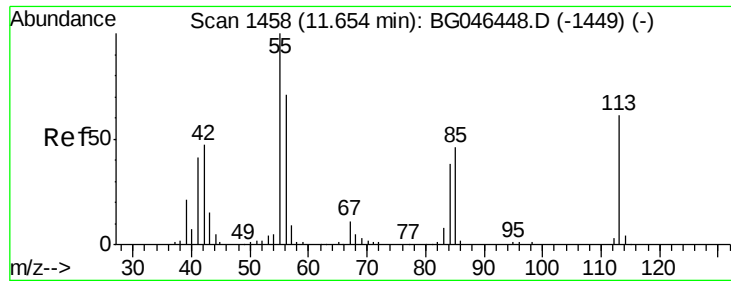
#34
Hexachlorobutadiene
Concen: 36.156 ng
RT: 11.07 min Scan# 1359
Delta R.T. -0.00 min
Lab File: BG046461.D
Acq: 26 Aug 2020 19:52

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.8	49.9	74.9
227	66.4	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: 42.497 ng/mL

RT: 11.66 min Scan# 1458

Delta R.T. 0.00 min

Lab File: BG046461.D

Acq: 26 Aug 2020 19:52

Instrument :

BNA_G

ClientSampleID :

RO-10MSD

Tot Ion:113 Resp: 73349

Ion Ratio Lower Upper

113 100

55 168.8 144.2 184.2

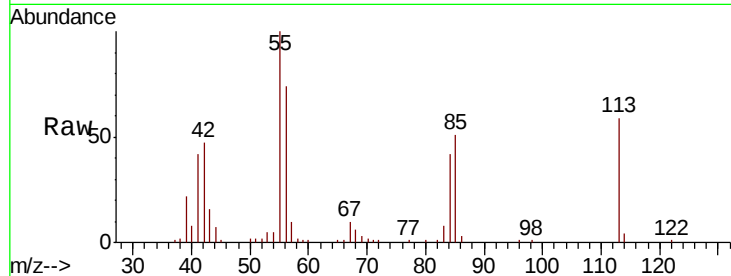
56 124.2 97.0 137.0

Manual Integrations

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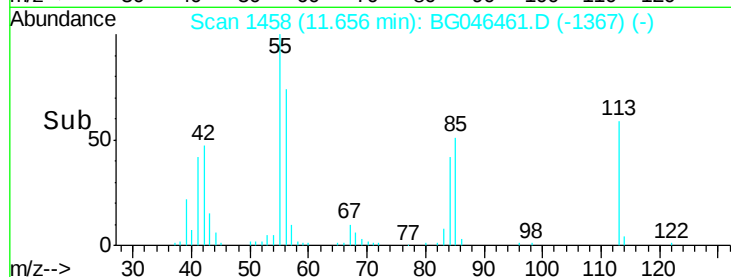


Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG046448.D (-1449) (-)

Ion 56.00 (55.70 to 56.70): BG046448.D (-1449) (-)

Time-->



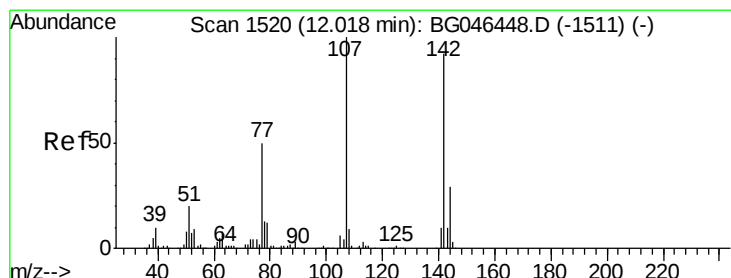
Abundance

Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG046448.D (-1449) (-)

Ion 56.00 (55.70 to 56.70): BG046448.D (-1449) (-)

Time-->



#36

4-Chloro-3-methylphenol

Concen: 50.509 ng/mL

RT: 12.02 min Scan# 1520

Delta R.T. 0.00 min

Lab File: BG046461.D

Acq: 26 Aug 2020 19:52

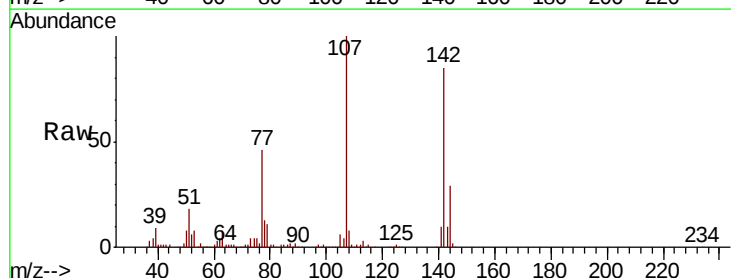
Tgt Ion:107 Resp: 228104

Ion Ratio Lower Upper

107 100

144 28.6 23.3 34.9

142 84.9 73.7 110.5

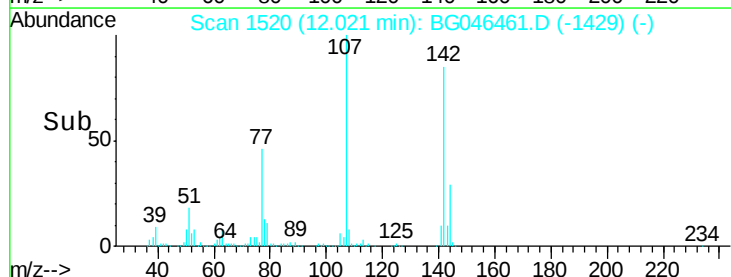


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

Time-->



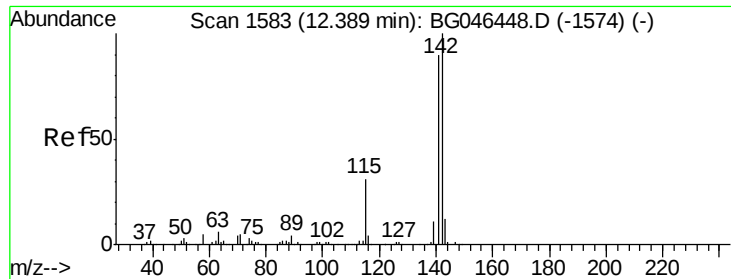
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

Time-->



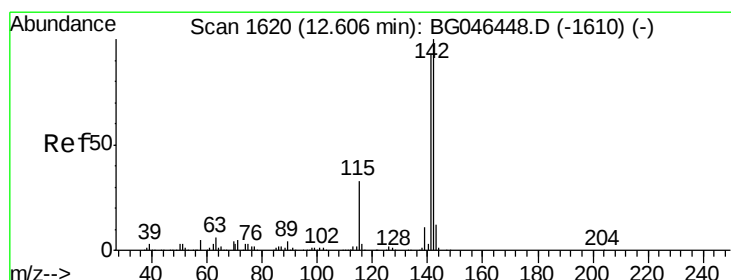
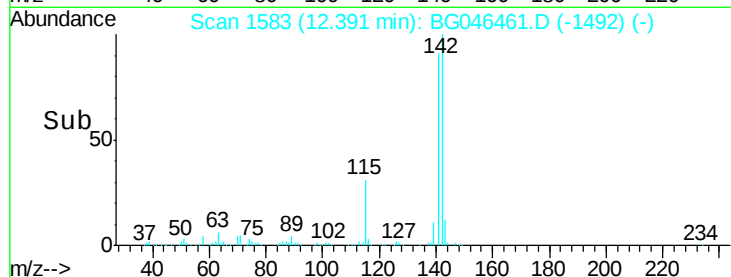
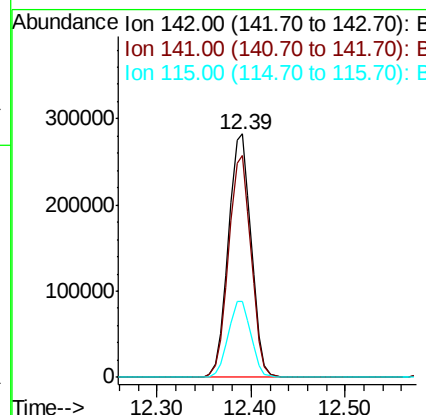
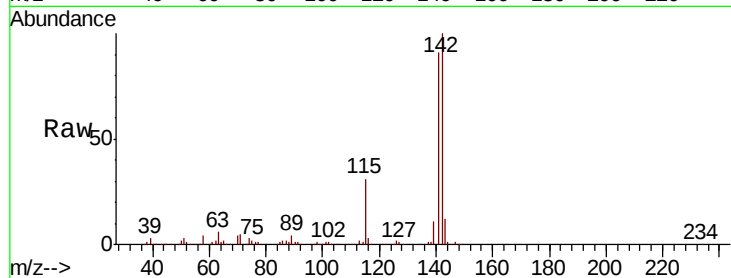
#37
2-Methylnaphthalene
Concen: 44.816 ng
RT: 12.39 min Scan# 1583
Delta R.T. 0.00 min
Lab File: BG046461.D
Acq: 26 Aug 2020 19:52

Instrument :
BNA_G
ClientSampleId :
RO-10MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.2	72.1	108.1
115	31.0	24.9	37.3

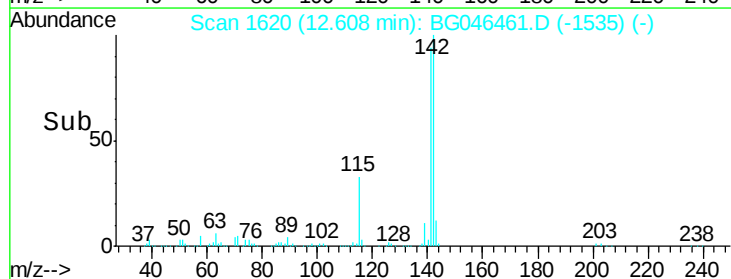
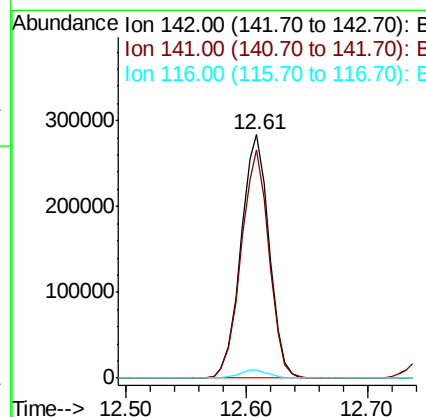
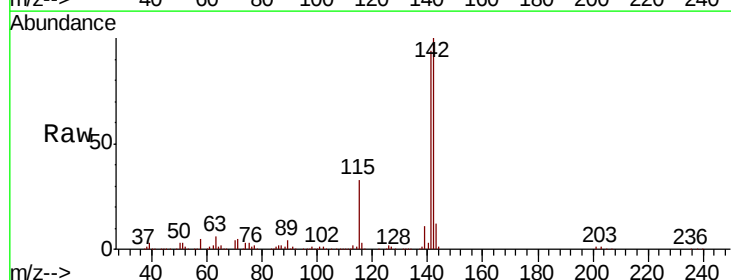
Manual Integrations
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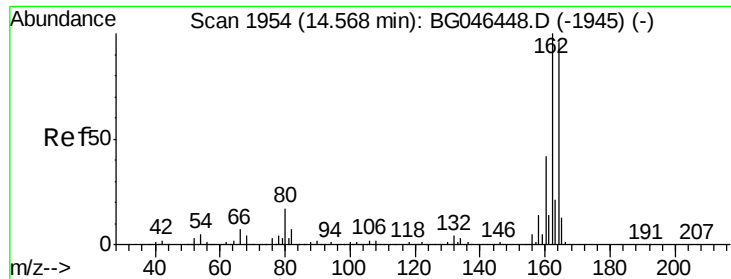
mohammad
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#38
1-Methylnaphthalene
Concen: 45.742 ng
RT: 12.61 min Scan# 1620
Delta R.T. 0.00 min
Lab File: BG046461.D
Acq: 26 Aug 2020 19:52

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.9	74.7	112.1
116	3.4	2.6	4.0





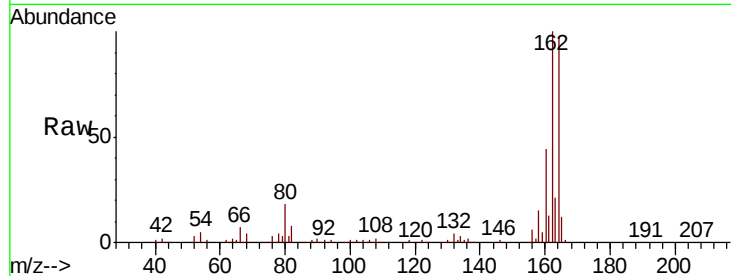
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.56 min Scan# 1953
Delta R.T. -0.00 min
Lab File: BG046461.D
Acq: 26 Aug 2020 19:52

Instrument :
BNA_G
ClientSampleId :
RO-10MSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.8	83.3	124.9
160	45.4	35.0	52.6

Manual Integrations
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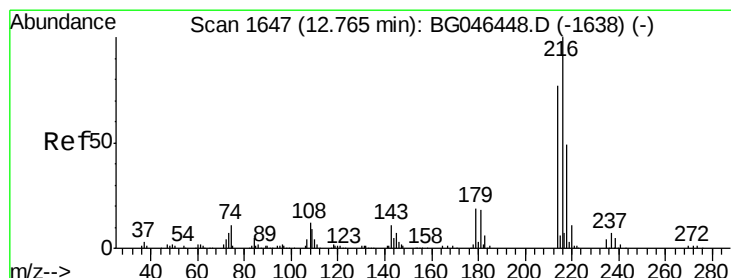
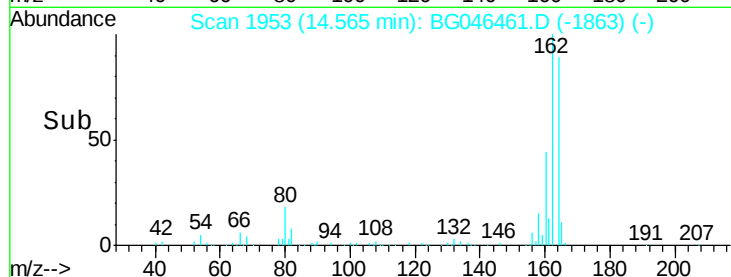
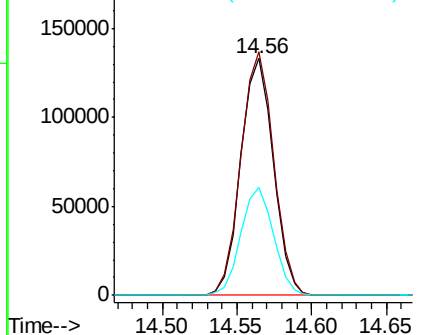


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.481 ng
RT: 12.76 min Scan# 1646
Delta R.T. -0.00 min
Lab File: BG046461.D
Acq: 26 Aug 2020 19:52

Tgt Ion	Ratio	Lower	Upper
216	100		
214	77.9	62.1	93.1
179	18.8	14.9	22.3
108	14.5	10.5	15.7

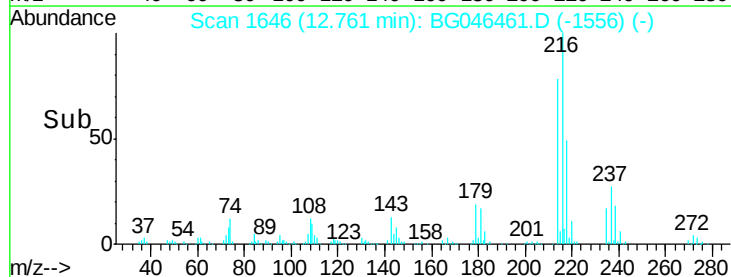
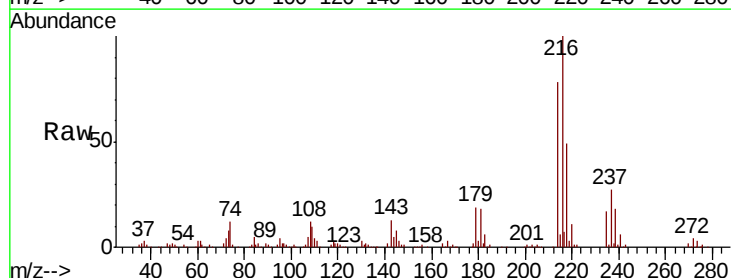
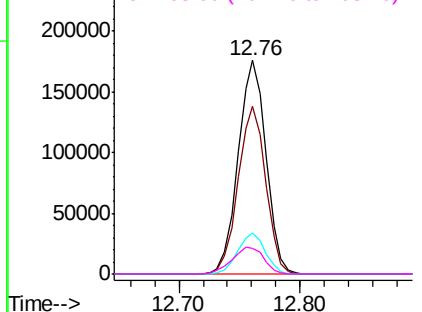
Abundance

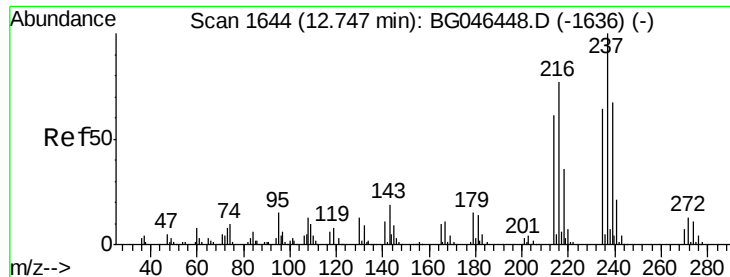
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 105.500 ng

RT: 12.74 min Scan# 1643

Delta R.T. -0.00 min

Lab File: BG046461.D

Acq: 26 Aug 2020 19:52

Instrument :

BNA_G

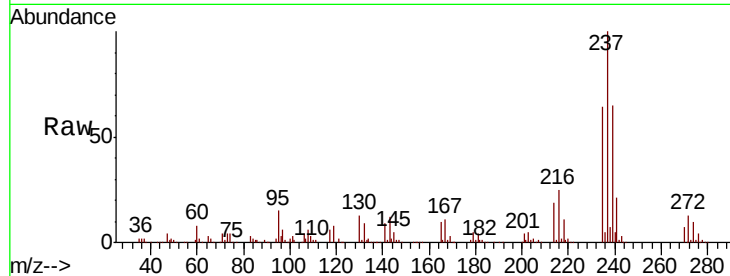
ClientSampled :

RO-10MSD

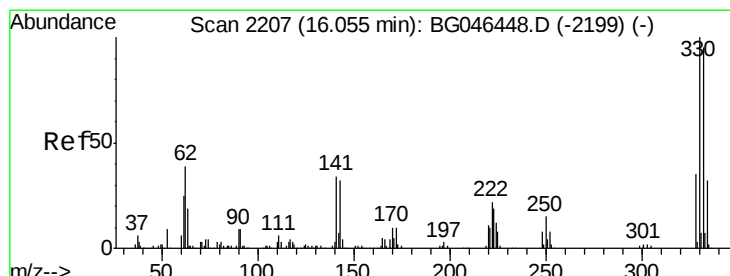
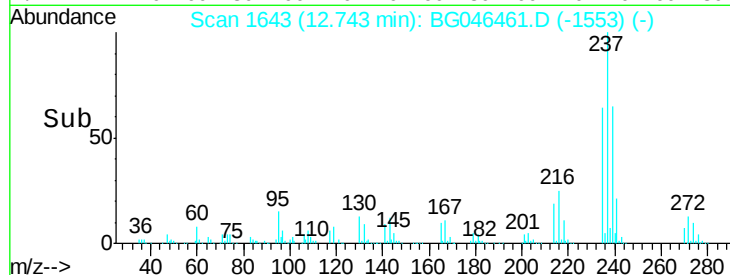
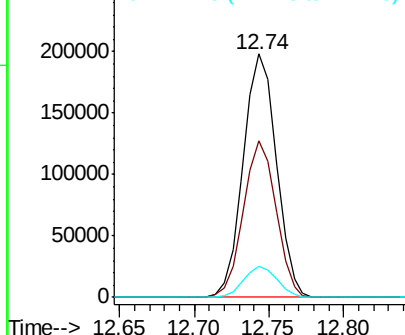
Tot Ion:	237	Resp:	304899
Ion Ratio	Lower	Upper	
237	100		
235	64.0	44.5	84.5
272	13.0	0.0	32.8

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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: 119.284 ng

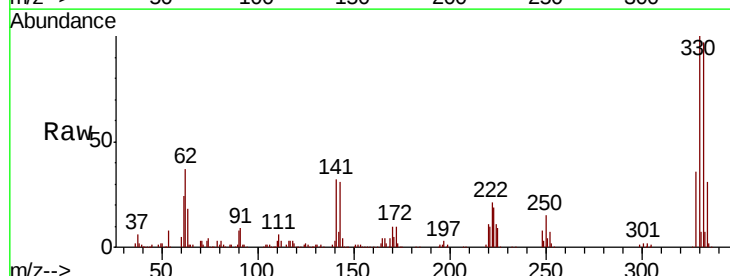
RT: 16.06 min Scan# 2207

Delta R.T. 0.00 min

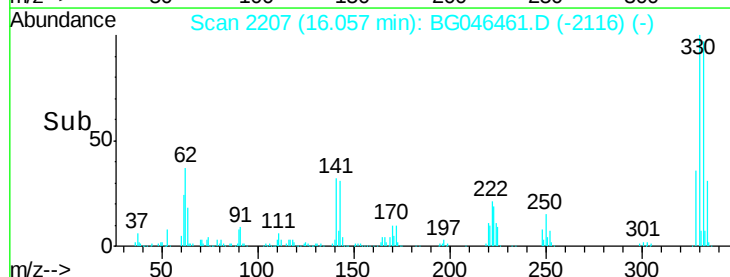
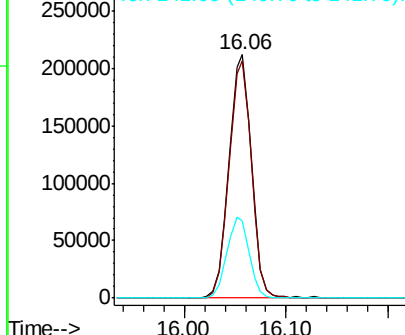
Lab File: BG046461.D

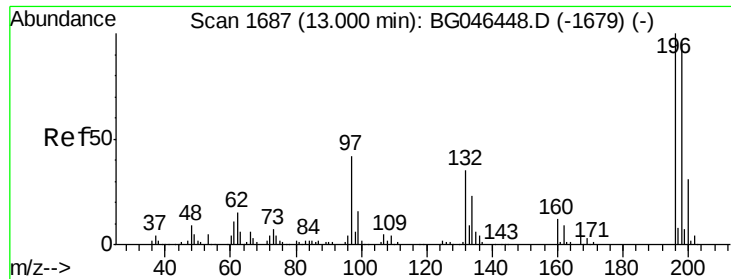
Acq: 26 Aug 2020 19:52

Tgt Ion:	330	Resp:	325754
Ion Ratio	Lower	Upper	
330	100		
332	97.2	76.1	114.1
141	33.2	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





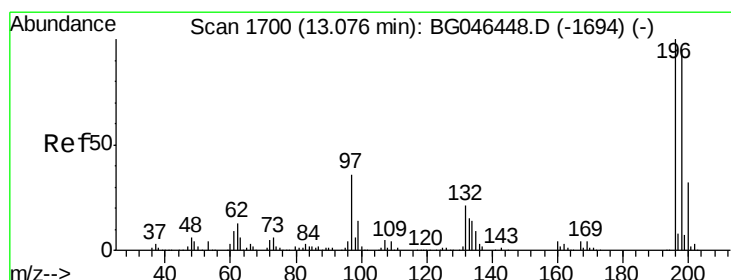
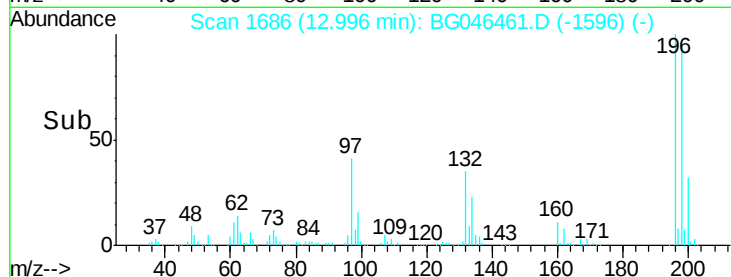
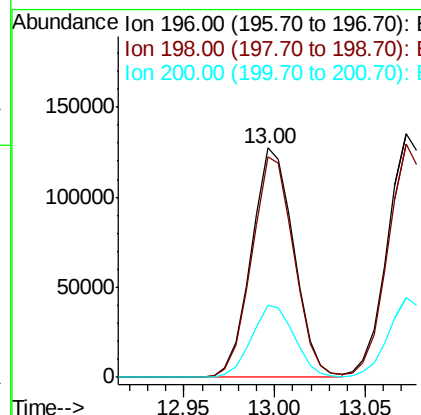
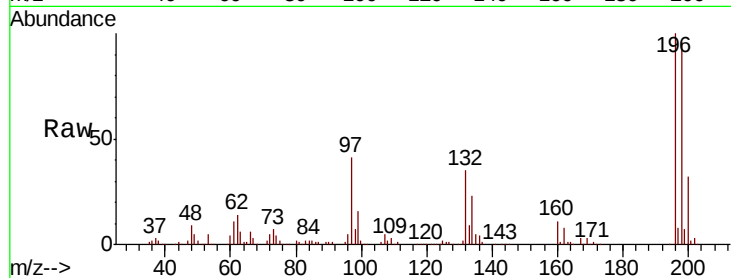
#43
 2,4,6-Trichlorophenol
 Concen: 46.091 ng
 RT: 13.00 min Scan# 1686
 Delta R.T. -0.00 min
 Lab File: BG046461.D
 Acq: 26 Aug 2020 19:52

Instrument :
 BNA_G
 ClientSampleId :
 RO-10MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	206728		
198	96.1	77.0	115.6	
200	31.7	25.2	37.8	

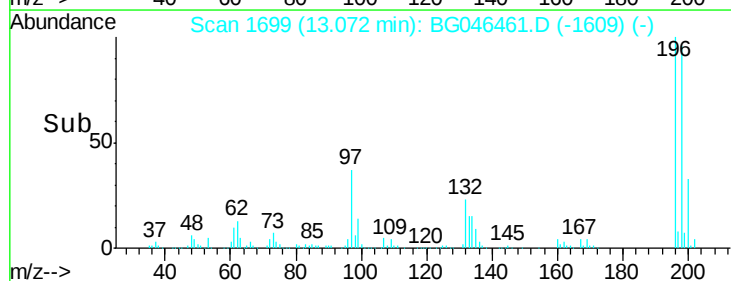
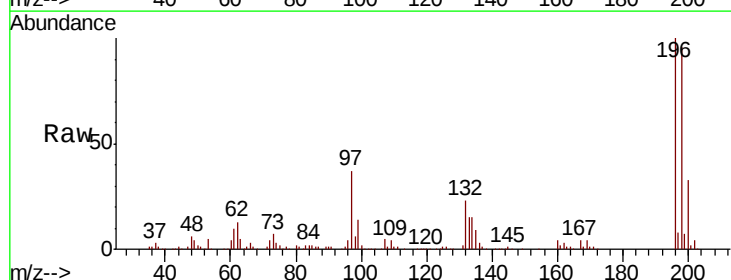
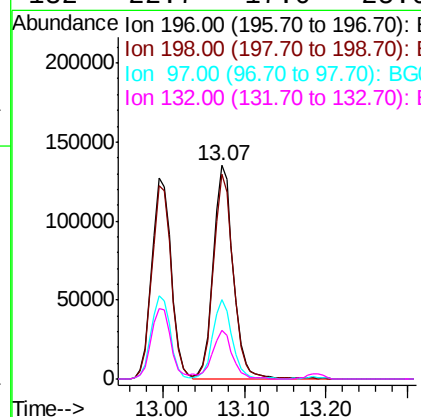
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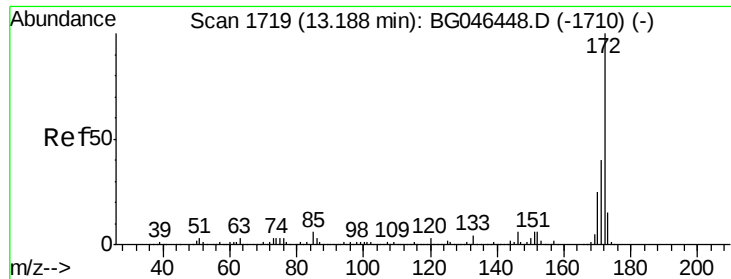
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 48.640 ng
 RT: 13.07 min Scan# 1699
 Delta R.T. -0.00 min
 Lab File: BG046461.D
 Acq: 26 Aug 2020 19:52

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	229215		
198	95.7	75.6	113.4	
97	37.0	28.6	43.0	
132	22.7	17.0	25.6	





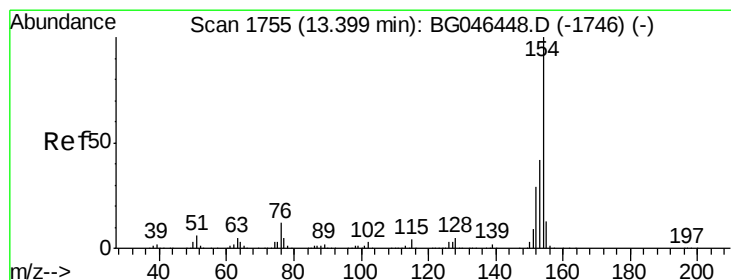
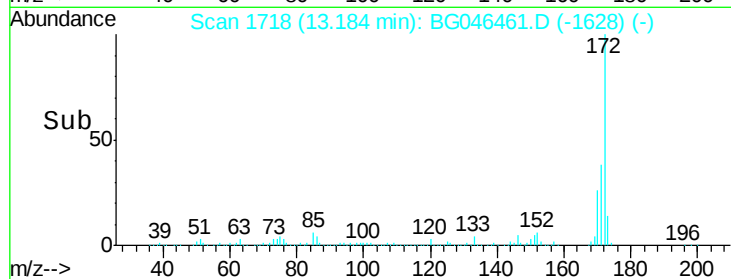
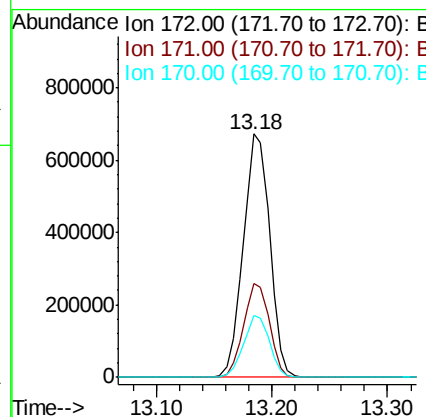
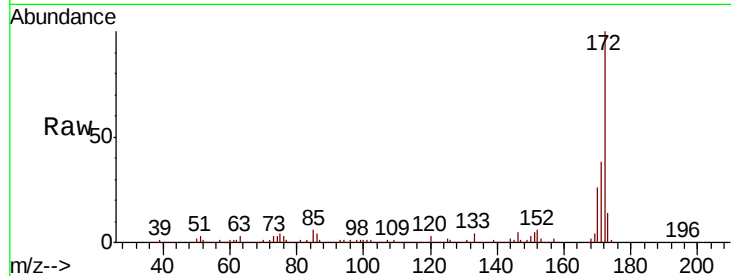
#45
2-Fluorobiphenyl
Concen: 80.613 ng
RT: 13.18 min Scan# 1718
Delta R.T. -0.00 min
Lab File: BG046461.D
Acq: 26 Aug 2020 19:52

Instrument :
BNA_G
ClientSampleId :
RO-10MSD

Tot Ion	Ion	Ratio	Lower	Upper
172	100			
171	38.4	31.8	47.6	
170	25.6	20.3	30.5	

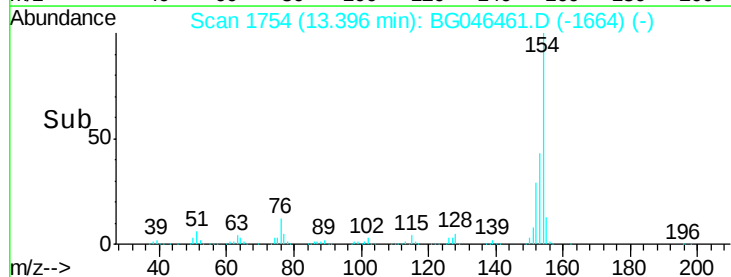
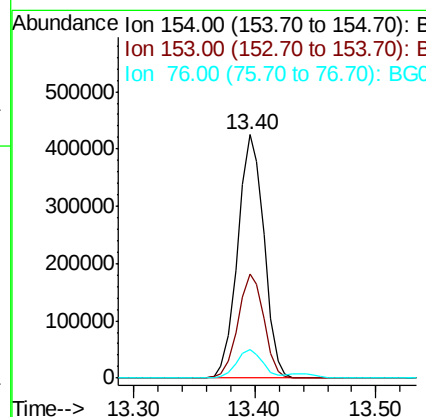
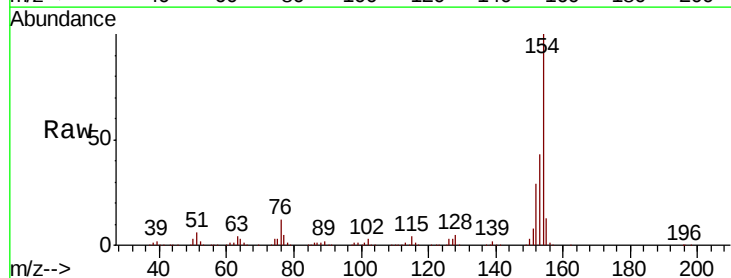
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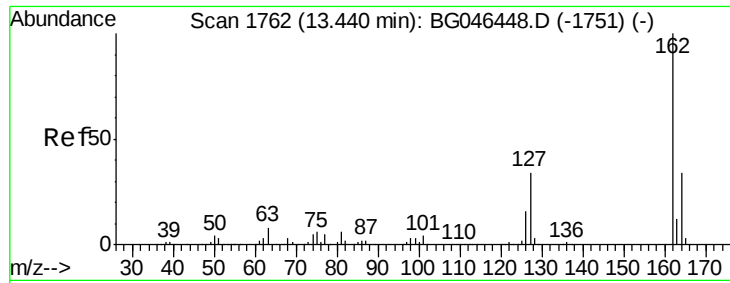
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#46
1,1'-Biphenyl
Concen: 45.861 ng
RT: 13.40 min Scan# 1754
Delta R.T. -0.00 min
Lab File: BG046461.D
Acq: 26 Aug 2020 19:52

Tgt Ion	Ion	Ratio	Lower	Upper
154	100			
153	42.7	22.0	62.0	
76	11.8	0.0	32.3	





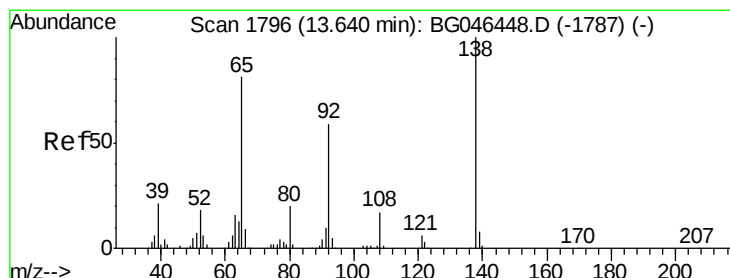
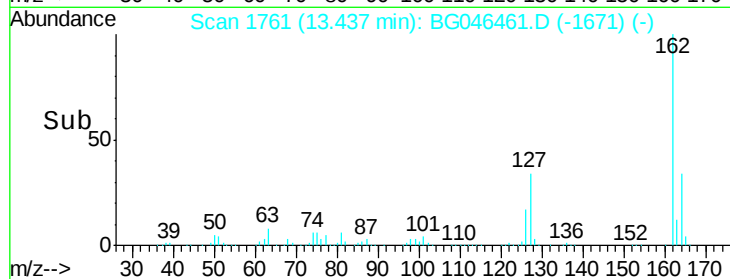
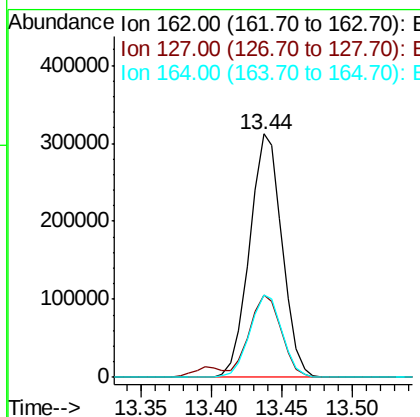
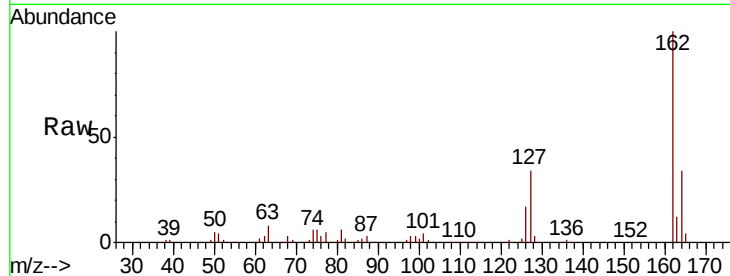
#47
 2-Chloronaphthalene
 Concen: 42.303 ng
 RT: 13.44 min Scan# 1761
 Delta R.T. -0.00 min
 Lab File: BG046461.D
 Acq: 26 Aug 2020 19:52

Instrument :
 BNA_G
 ClientSampleId :
 RO-10MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100			
127	33.7	27.6	41.4	
164	33.6	27.3	40.9	

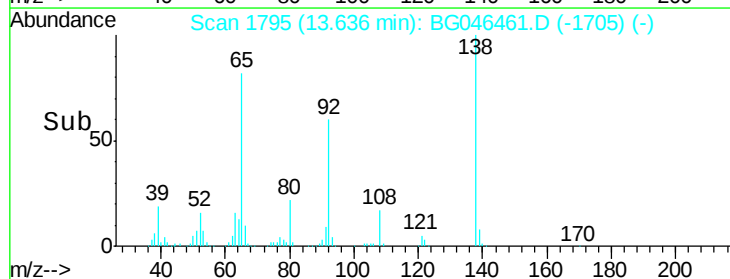
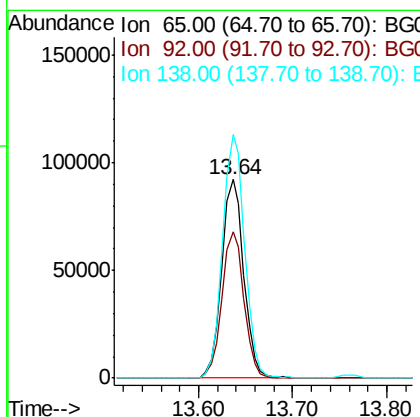
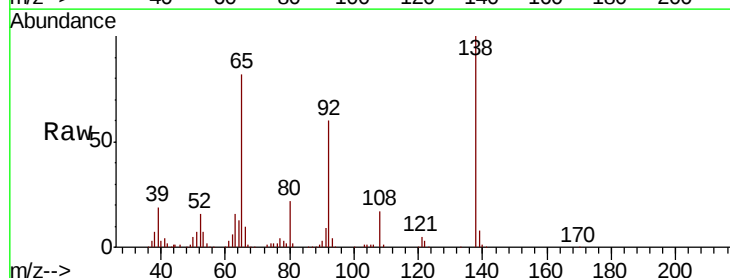
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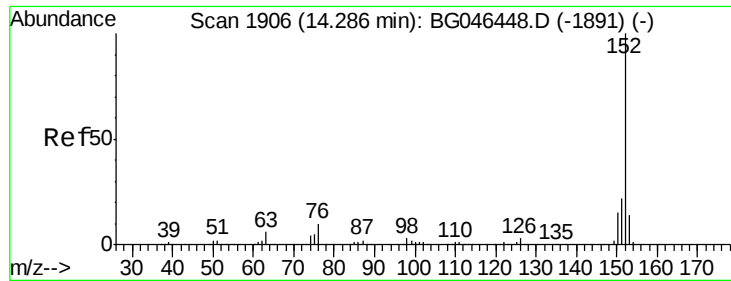
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#48
 2-Nitroaniline
 Concen: 46.009 ng
 RT: 13.64 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: BG046461.D
 Acq: 26 Aug 2020 19:52

Tgt Ion	Ratio	Resp	Lower	Upper
65	100			
92	73.5	58.5	87.7	
138	122.6	98.4	147.6	





#49

Acenaphthylene

Concen: 46.391 ng

RT: 14.28 min Scan# 1905

Delta R.T. -0.00 min

Lab File: BG046461.D

Acq: 26 Aug 2020 19:52

Instrument :

BNA_G

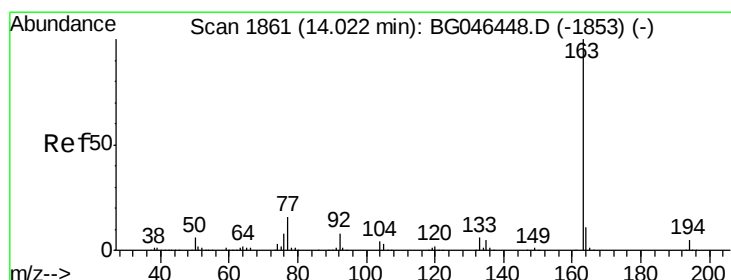
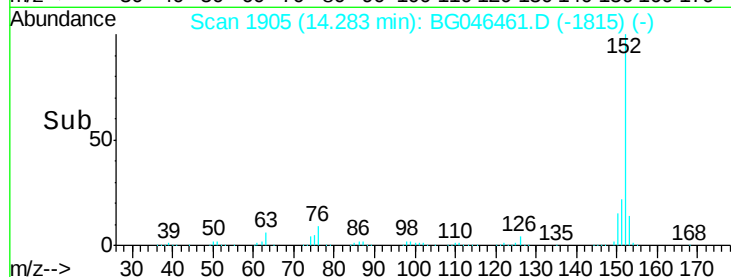
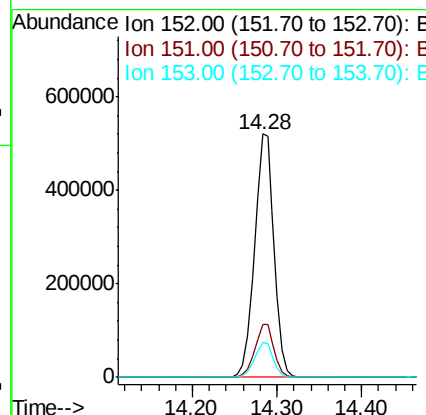
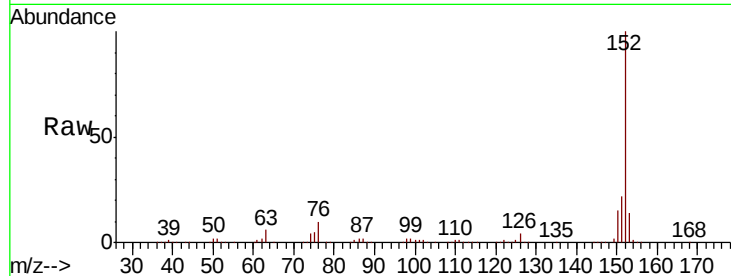
ClientSampleId :

RO-10MSD

Tot Ion:	152	Resp:	836683
Ion Ratio	Lower	Upper	
152	100		
151	21.9	17.7	26.5
153	14.4	11.2	16.8

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#50

Dimethylphthalate

Concen: 45.555 ng

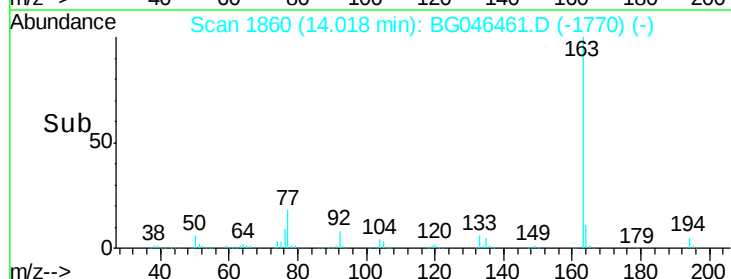
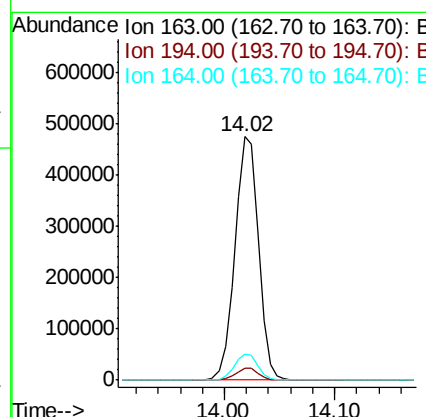
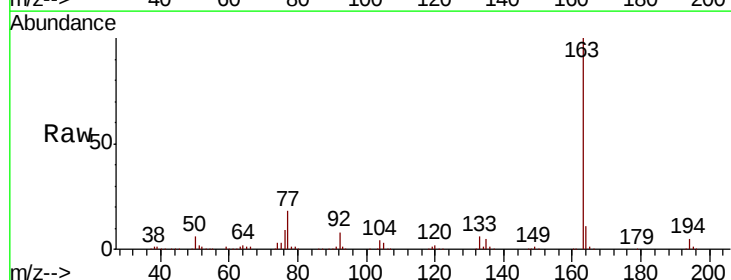
RT: 14.02 min Scan# 1860

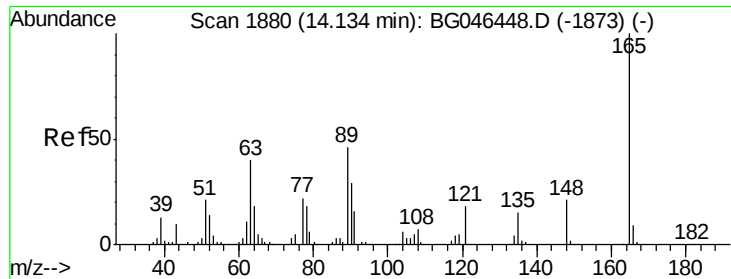
Delta R.T. -0.00 min

Lab File: BG046461.D

Acq: 26 Aug 2020 19:52

Tgt Ion:	163	Resp:	710346
Ion Ratio	Lower	Upper	
163	100		
194	4.9	3.7	5.5
164	10.7	8.6	12.8





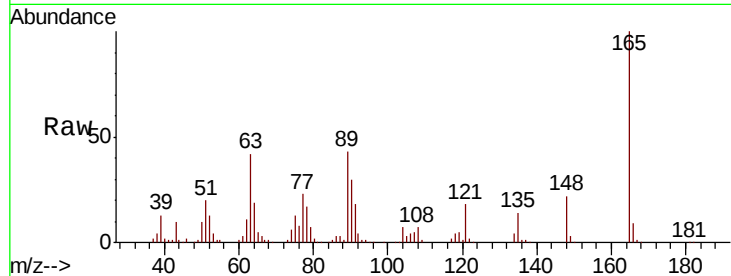
#51
 2,6-Dinitrotoluene
 Concen: 48.255 ng
 RT: 14.14 min Scan# 1880
 Delta R.T. 0.00 min
 Lab File: BG046461.D
 Acq: 26 Aug 2020 19:52

Instrument :
 BNA_G
 ClientSampleId :
 RO-10MSD

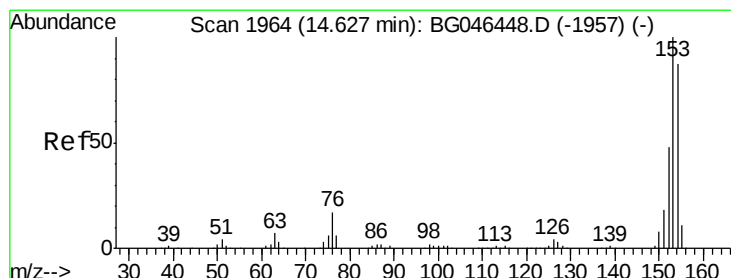
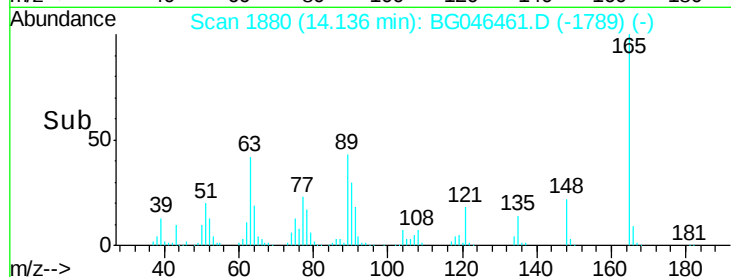
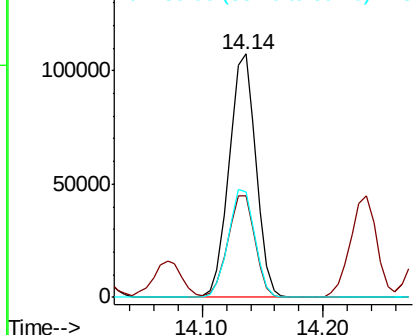
Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		165865		
63	41.7	34.2	51.4		
89	43.2	37.0	55.4		

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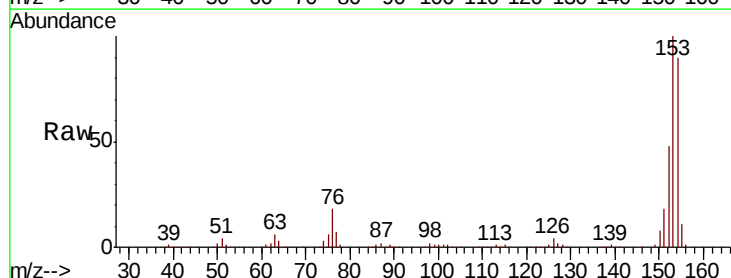


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC

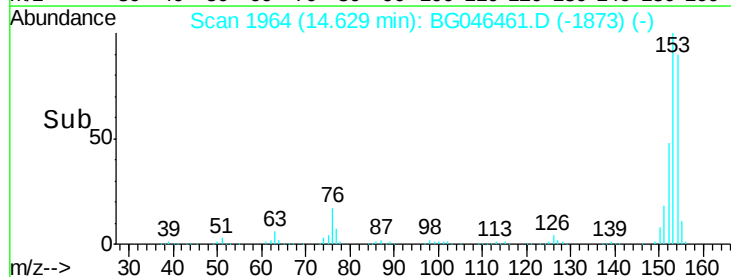
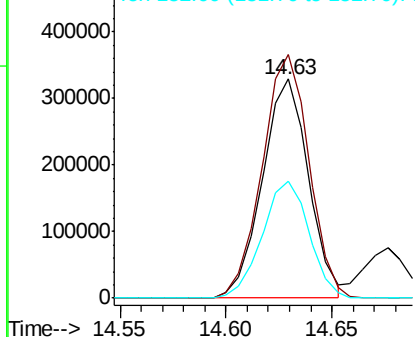


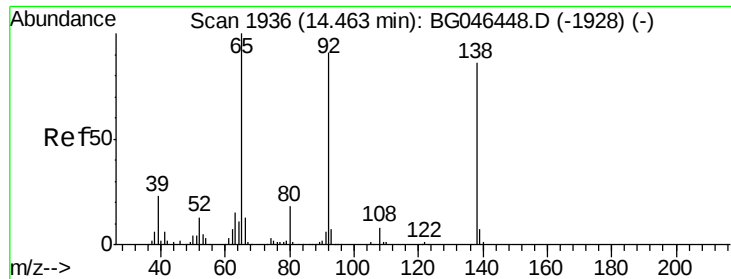
#52
 Acenaphthene
 Concen: 44.786 ng
 RT: 14.63 min Scan# 1964
 Delta R.T. 0.00 min
 Lab File: BG046461.D
 Acq: 26 Aug 2020 19:52

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
154	100		500537		
153	111.2	91.9	137.9		
152	53.4	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





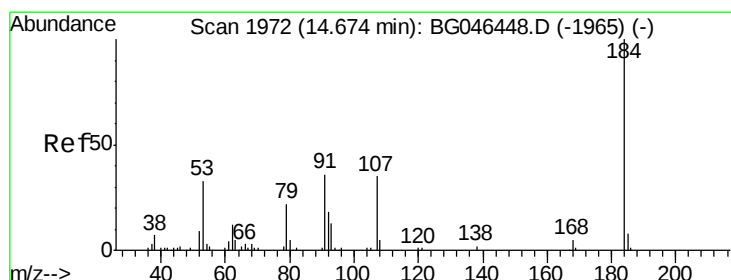
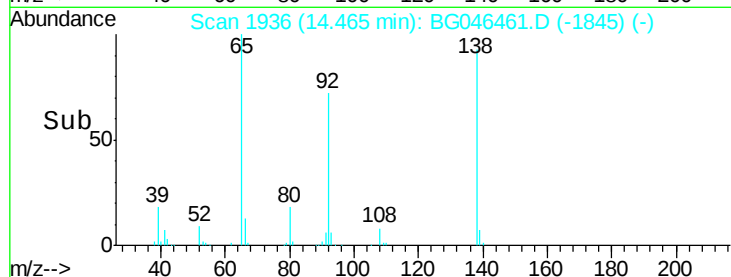
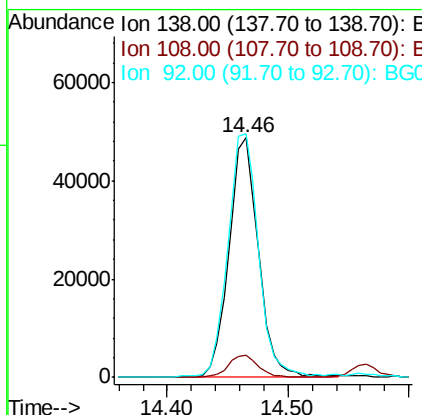
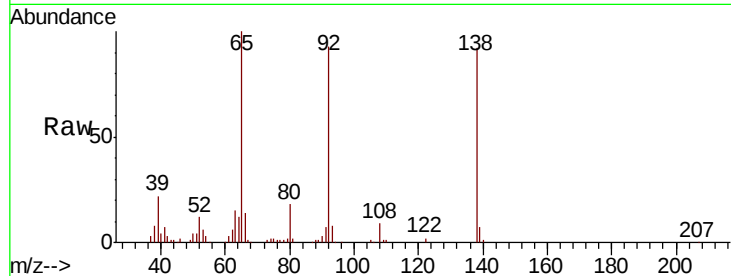
#53
3-Nitroaniline
Concen: 22.259 ng
RT: 14.46 min Scan# 1936
Delta R.T. 0.00 min
Lab File: BG046461.D
Acq: 26 Aug 2020 19:52

Instrument :
BNA_G
ClientSampleId :
RO-10MSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.4	7.0	10.6
92	101.6	84.6	127.0

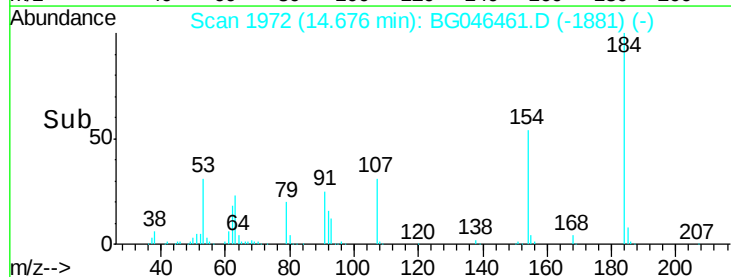
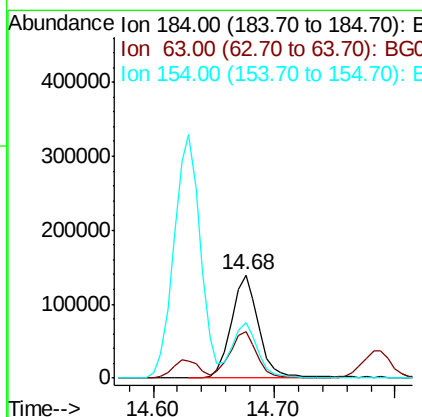
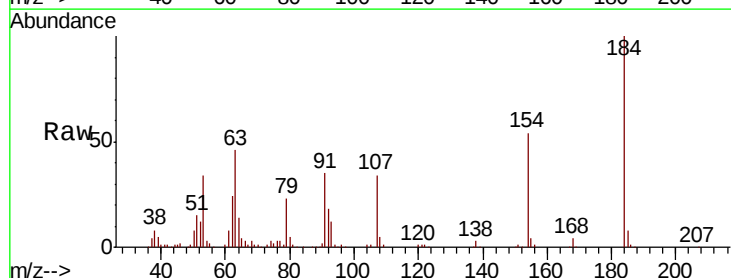
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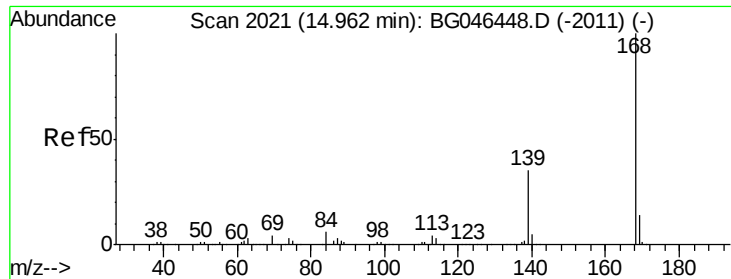
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#54
2,4-Dinitrophenol
Concen: 109.395 ng
RT: 14.68 min Scan# 1972
Delta R.T. 0.00 min
Lab File: BG046461.D
Acq: 26 Aug 2020 19:52

Tgt Ion	Ratio	Lower	Upper
184	100		
63	45.8	35.6	53.4
154	54.4	44.3	66.5





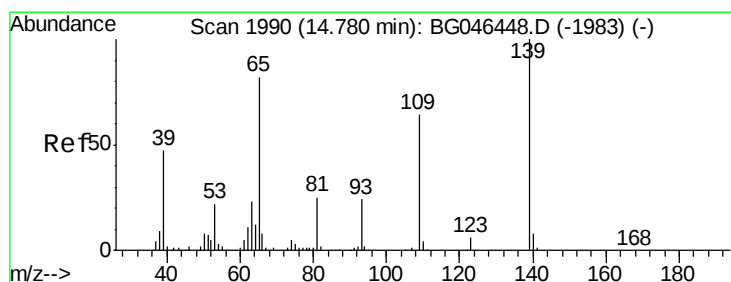
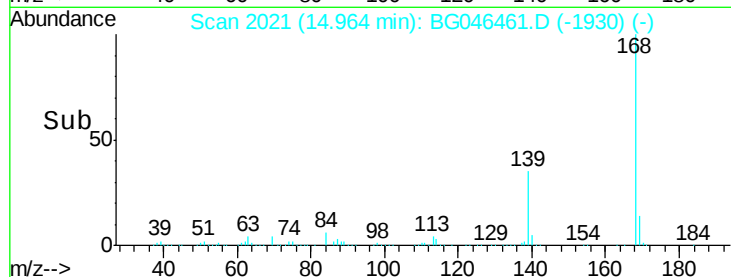
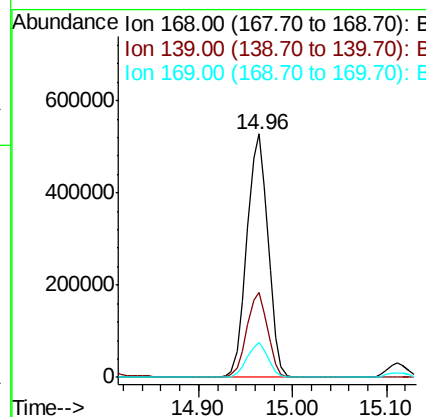
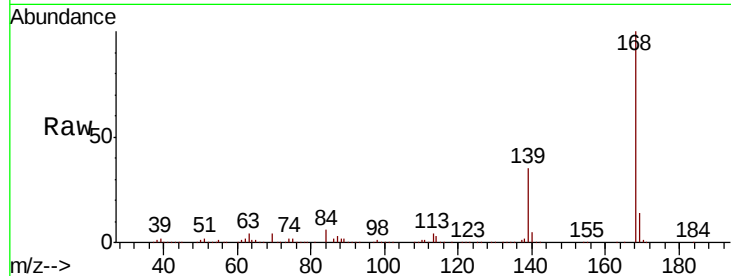
#55
Dibenzenofuran
Concen: 45.760 ng
RT: 14.96 min Scan# 2021
Delta R.T. 0.00 min
Lab File: BG046461.D
Acq: 26 Aug 2020 19:52

Instrument :
BNA_G
ClientSampleId :
RO-10MSD

Tot Ion	Ratio	Resp	Lower	Upper
168	100	820759		
139	34.7		28.1	42.1
169	14.3		11.5	17.3

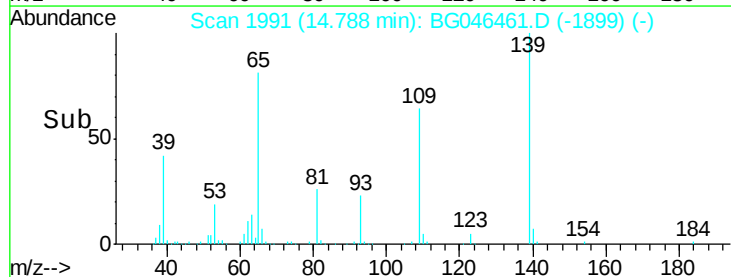
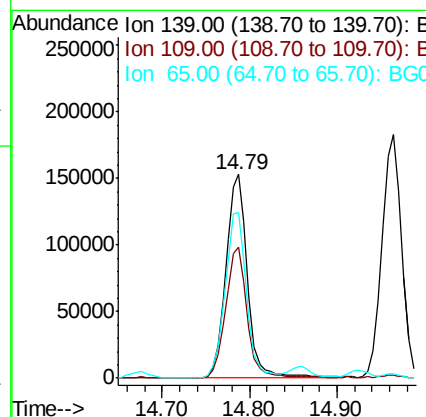
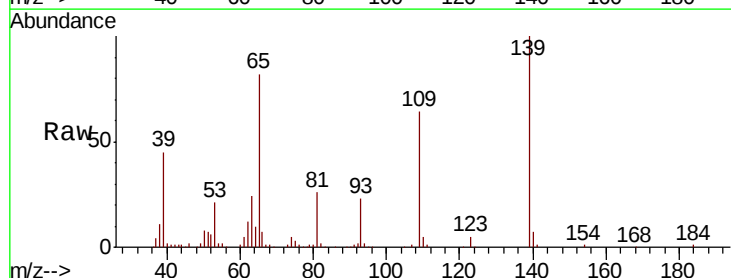
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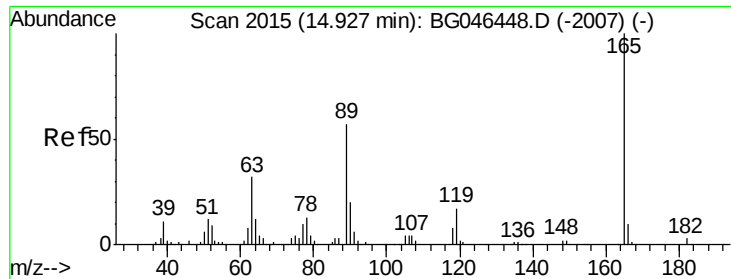
mohammad
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#56
4-Nitrophenol
Concen: 95.466 ng
RT: 14.79 min Scan# 1991
Delta R.T. 0.01 min
Lab File: BG046461.D
Acq: 26 Aug 2020 19:52

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	261594		
109	64.2		44.3	84.3
65	81.5		61.5	101.5





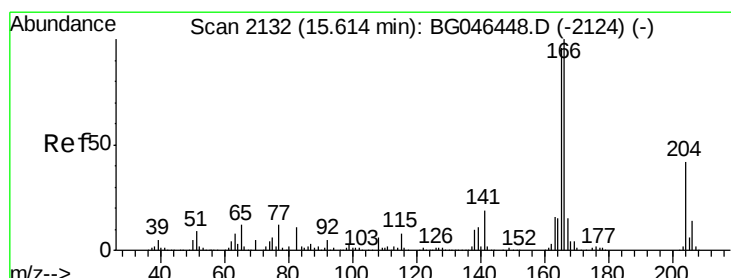
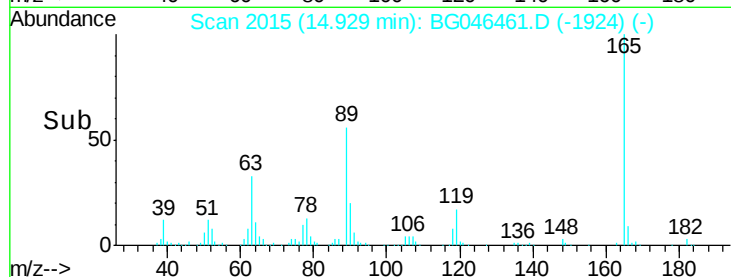
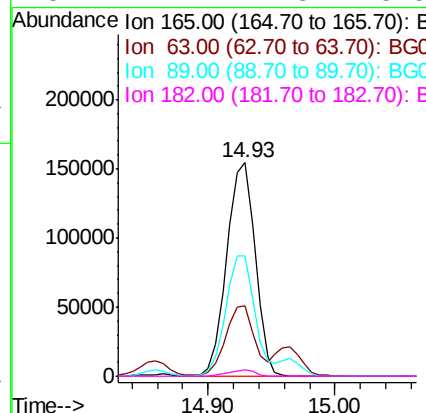
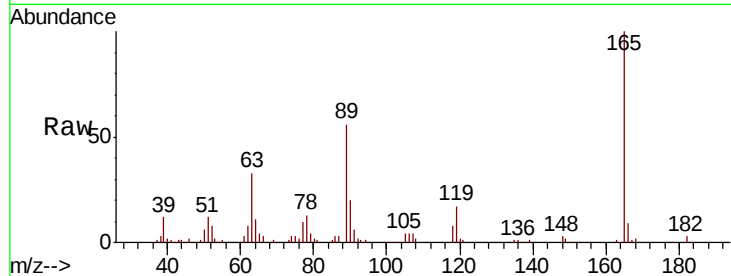
#57
2,4-Dinitrotoluene
Concen: 49.103 ng
RT: 14.93 min Scan# 2015
Delta R.T. 0.00 min
Lab File: BG046461.D
Acq: 26 Aug 2020 19:52

Instrument :
BNA_G
ClientSampleId :
RO-10MSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	240660		
63	32.8	25.4	38.0	
89	56.2	45.9	68.9	
182	2.7	2.3	3.5	

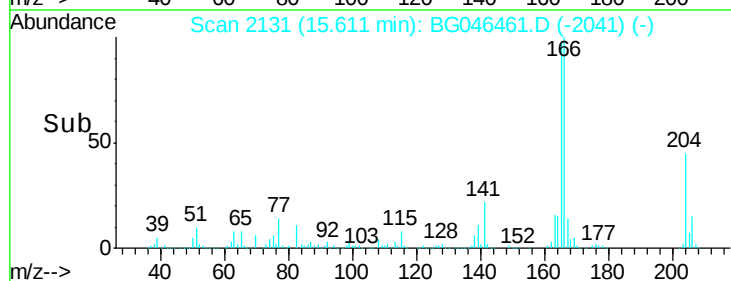
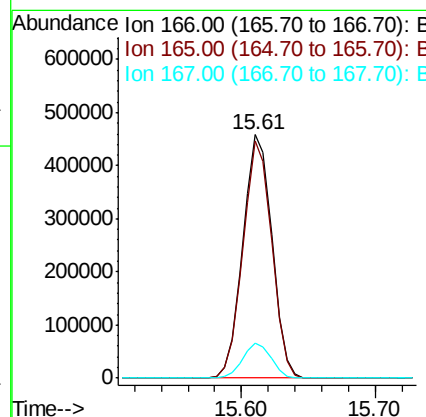
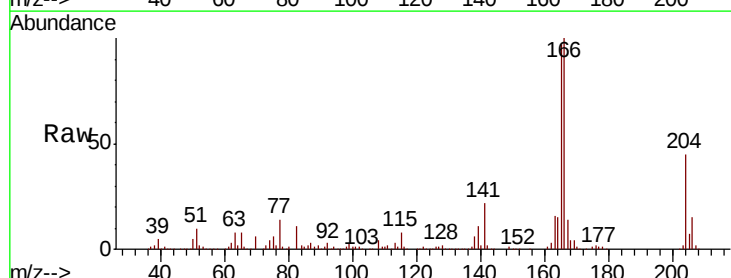
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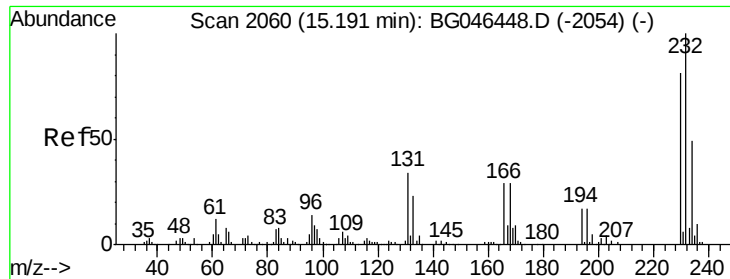
mohammad
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#58
Fluorene
Concen: 45.844 ng
RT: 15.61 min Scan# 2131
Delta R.T. -0.00 min
Lab File: BG046461.D
Acq: 26 Aug 2020 19:52

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	690118		
165	97.3	77.0	115.4	
167	14.3	11.8	17.6	





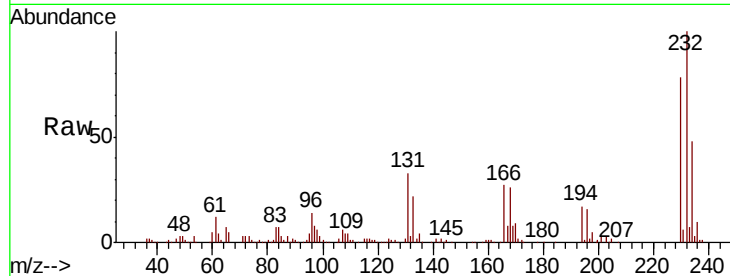
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 48.885 ng
 RT: 15.19 min Scan# 2060
 Delta R.T. 0.00 min
 Lab File: BG046461.D
 Acq: 26 Aug 2020 19:52

Instrument :
 BNA_G
 ClientSampleId :
 RO-10MSD

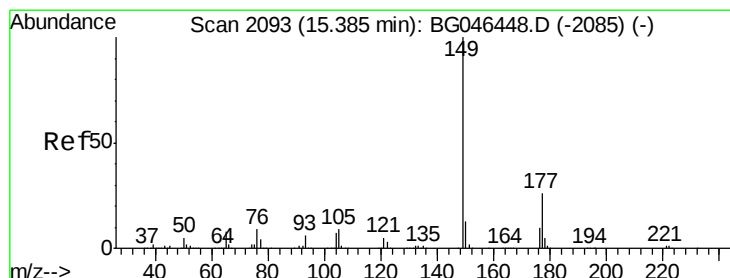
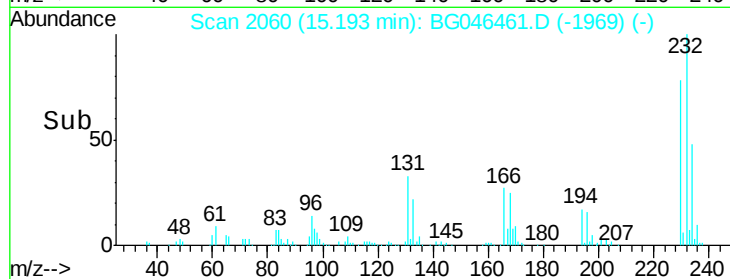
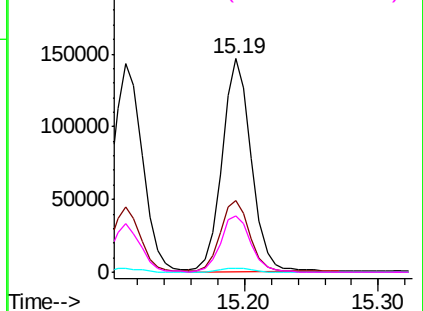
Tot Ion	Ratio	Resp	Lower	Upper
232	100	223707		
131	34.4	26.8	40.2	
130	2.0	1.4	2.2	
166	27.0	22.8	34.2	

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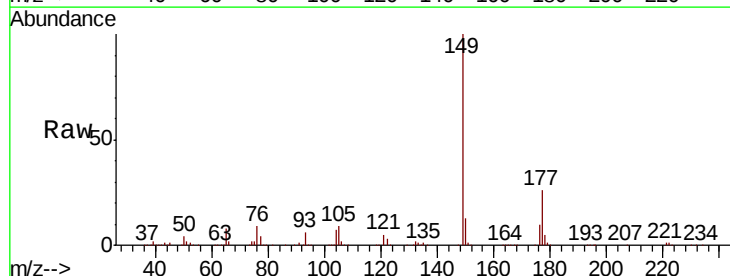


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

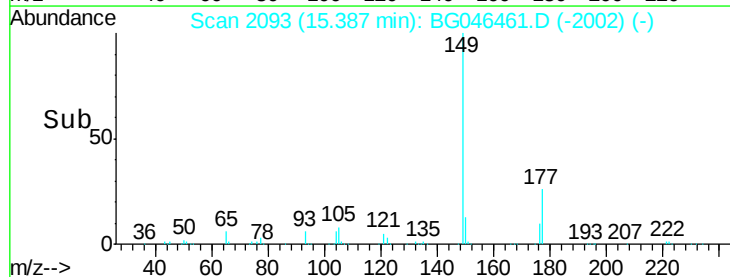
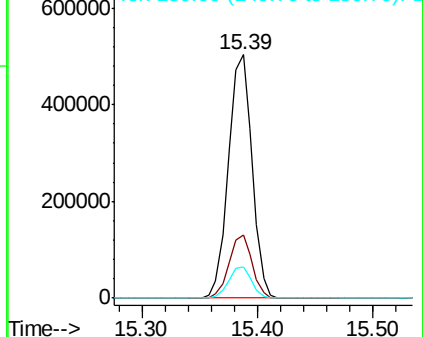


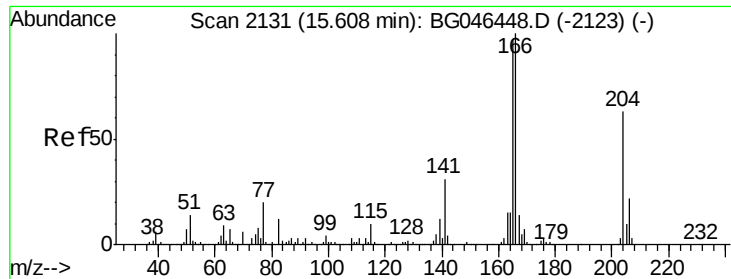
#60
 Diethylphthalate
 Concen: 46.713 ng
 RT: 15.39 min Scan# 2093
 Delta R.T. 0.00 min
 Lab File: BG046461.D
 Acq: 26 Aug 2020 19:52

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	710187		
177	26.0	20.6	30.8	
150	12.9	10.3	15.5	



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





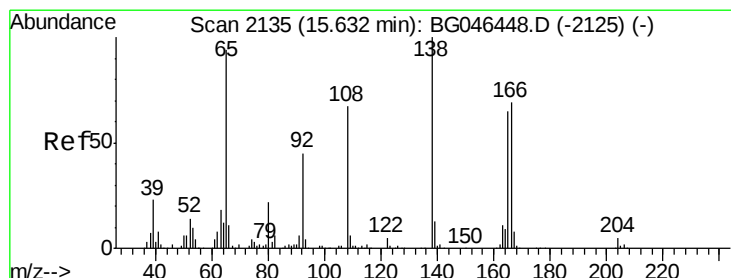
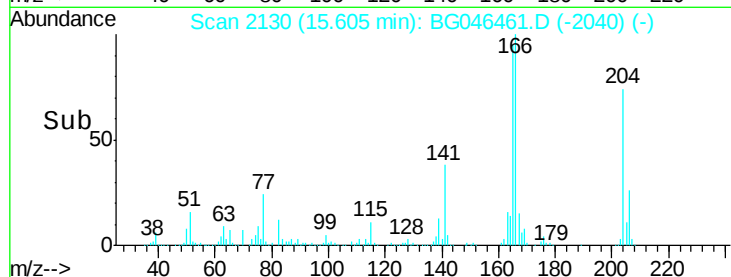
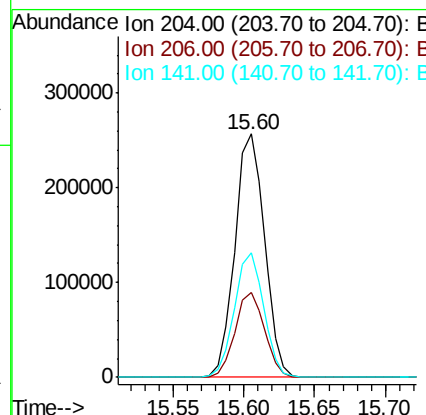
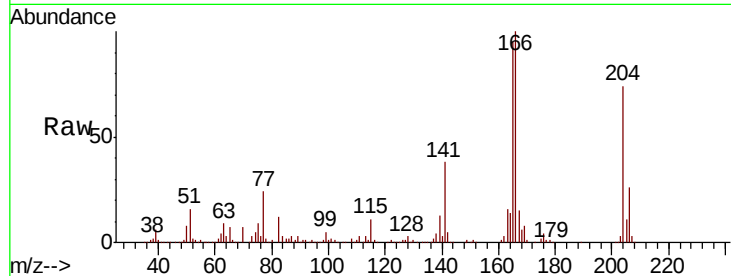
#61
 4-Chlorophenyl-phenylether
 Concen: 45.367 ng
 RT: 15.60 min Scan# 2130
 Delta R.T. -0.00 min
 Lab File: BG046461.D
 Acq: 26 Aug 2020 19:52

Instrument :
 BNA_G
 ClientSampleId :
 RO-10MSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	35.0	27.7	41.5
141	51.2	38.7	58.1

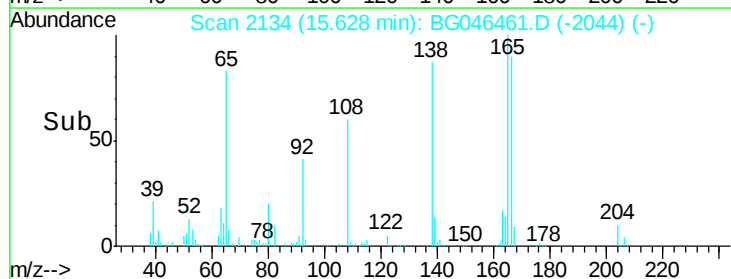
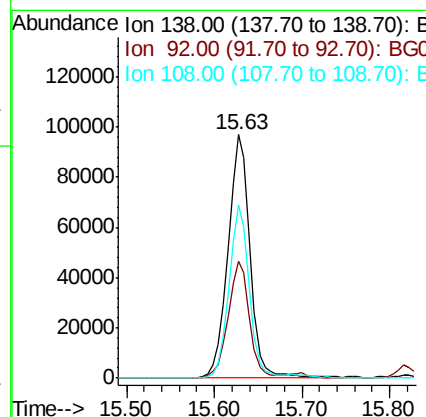
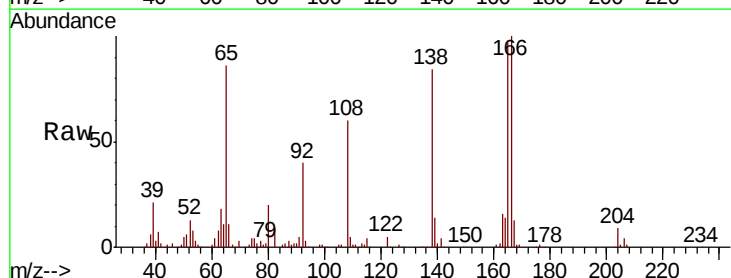
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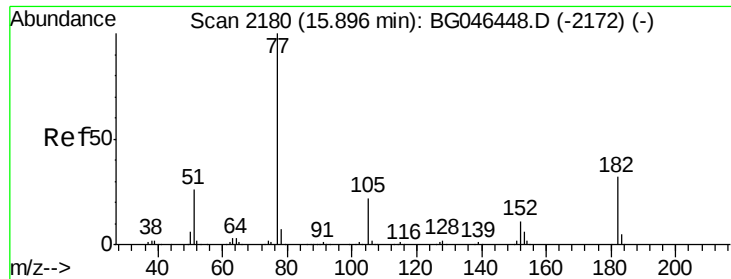
mohammad
 8/27/2020 3:14:25 PM



#62
 4-Nitroaniline
 Concen: 42.986 ng
 RT: 15.63 min Scan# 2134
 Delta R.T. -0.00 min
 Lab File: BG046461.D
 Acq: 26 Aug 2020 19:52

Tgt Ion	Ratio	Lower	Upper
138	100		
92	47.8	25.3	65.3
108	71.1	46.7	86.7





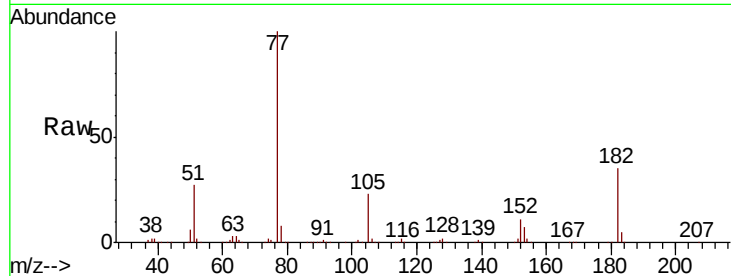
#63
Azobenzene
Concen: 46.927 ng
RT: 15.90 min Scan# 2180
Delta R.T. 0.00 min
Lab File: BG046461.D
Acq: 26 Aug 2020 19:52

Instrument :
BNA_G
ClientSampleId :
RO-10MSD

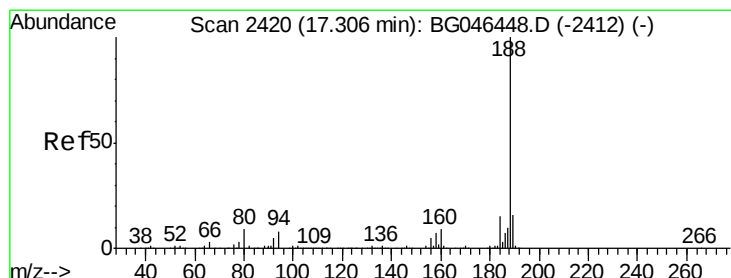
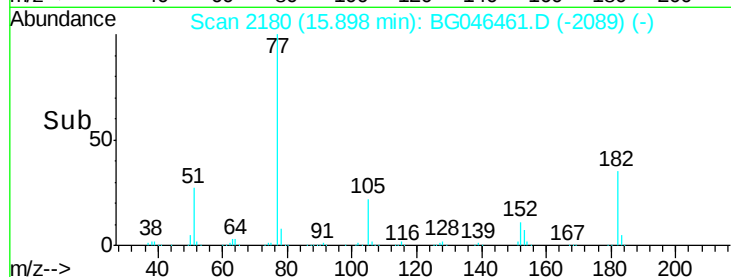
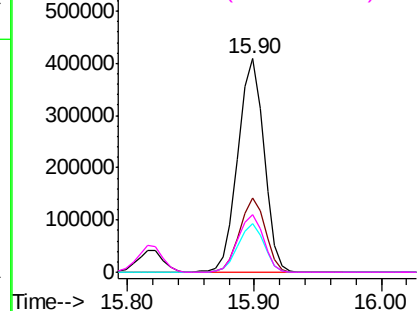
Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		580339		
182	34.7	12.3	52.3		
105	22.7	2.3	42.3		
51	27.1	6.5	46.5		

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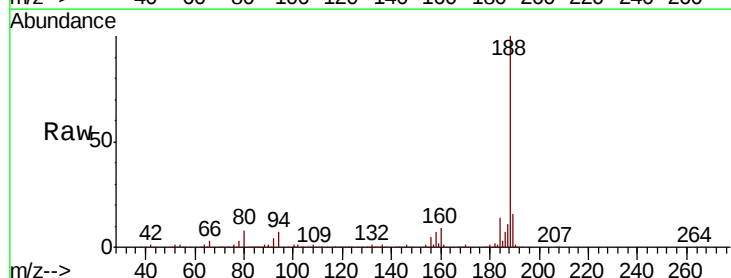


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

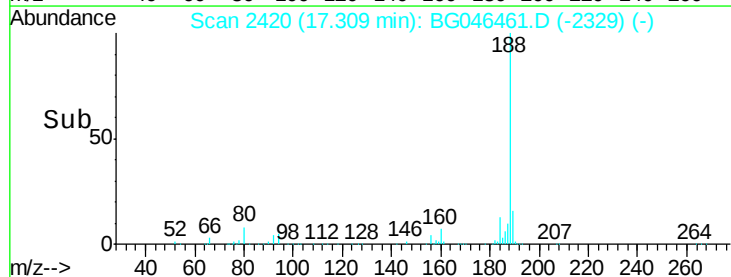
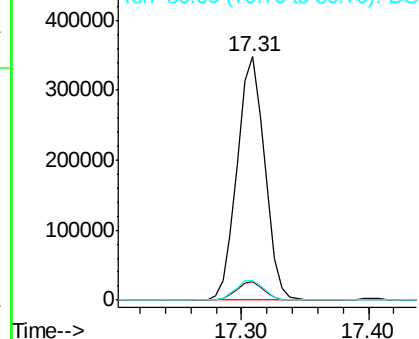


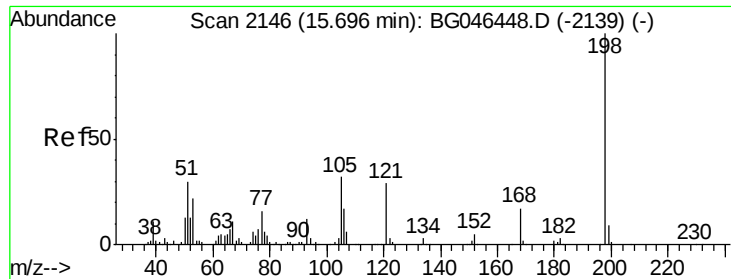
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.31 min Scan# 2420
Delta R.T. 0.00 min
Lab File: BG046461.D
Acq: 26 Aug 2020 19:52

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		522474		
94	7.5	6.3	9.5		
80	8.0	6.9	10.3		



Abundance Ion 188.00 (187.70 to 188.70): BGC
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 54.117 ng

RT: 15.69 min Scan# 2145

Delta R.T. -0.00 min

Lab File: BG046461.D

Acq: 26 Aug 2020 19:52

Instrument :

BNA_G

ClientSampled :

RO-10MSD

Tot Ion:198 Resp: 160036

Ion Ratio Lower Upper

198 100

51 31.4 10.4 50.4

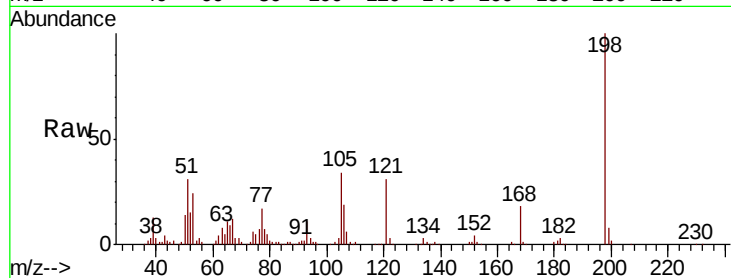
105 33.8 12.4 52.4

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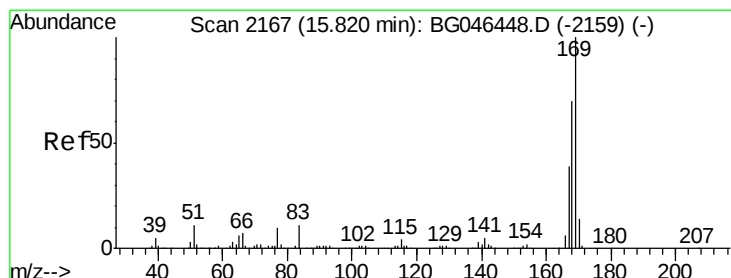
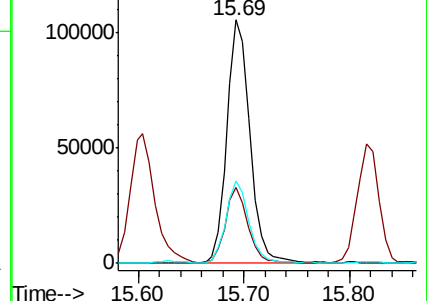
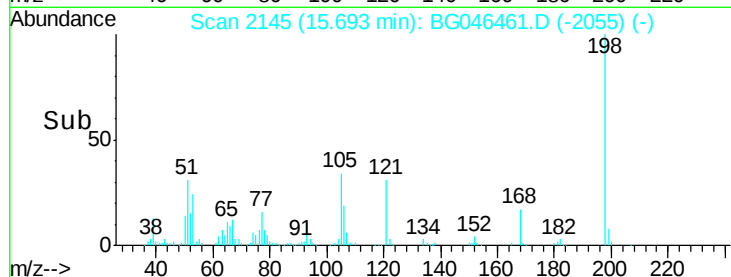
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 45.416 ng

RT: 15.82 min Scan# 2167

Delta R.T. 0.00 min

Lab File: BG046461.D

Acq: 26 Aug 2020 19:52

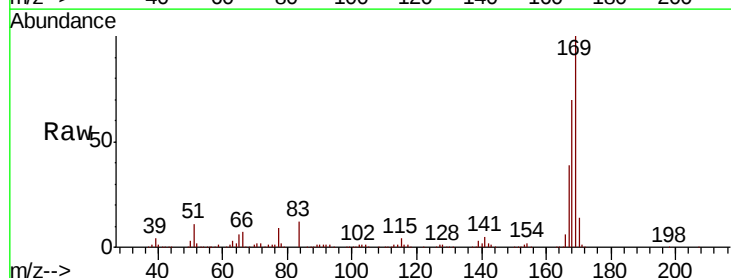
Tgt Ion:169 Resp: 640148

Ion Ratio Lower Upper

169 100

168 69.9 55.8 83.8

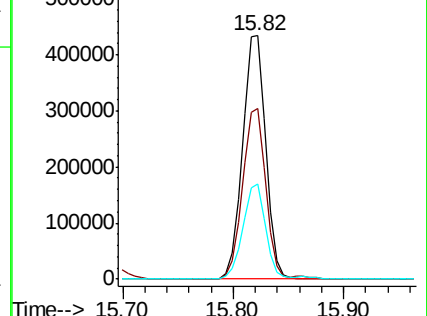
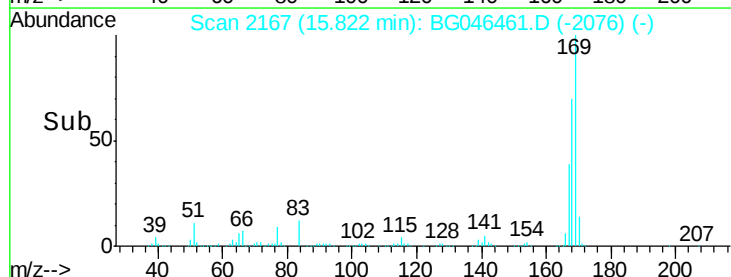
167 39.3 31.0 46.6

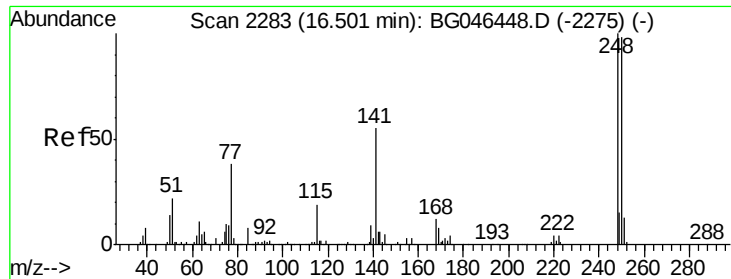


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





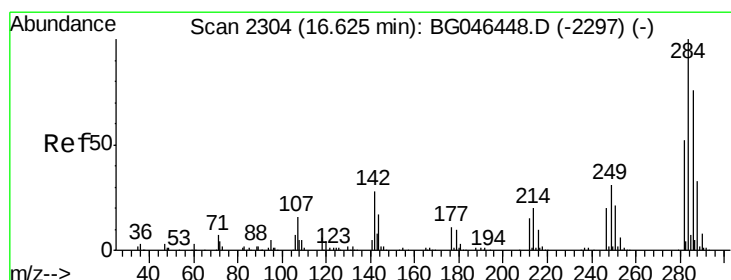
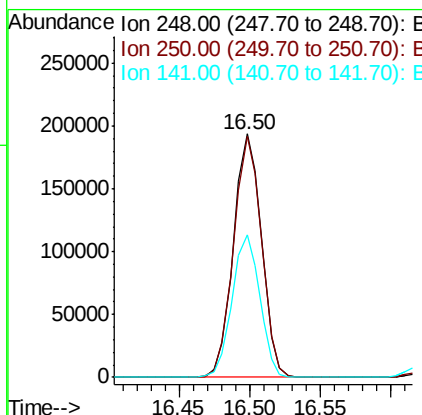
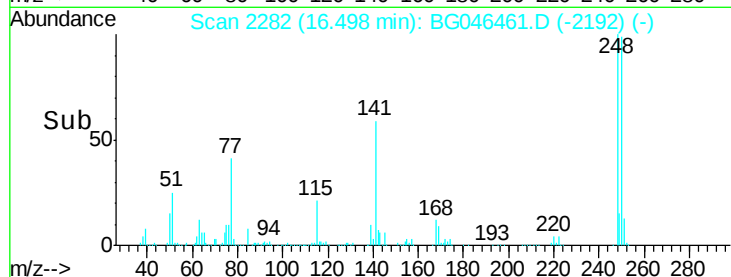
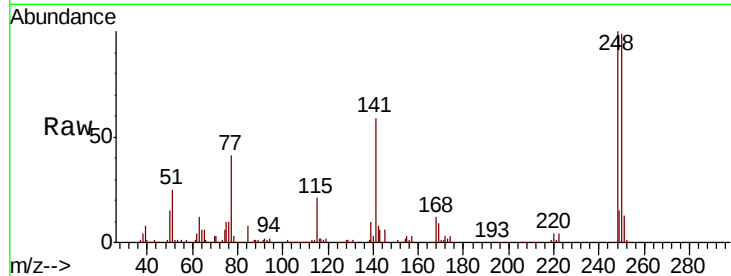
#67
4-Bromophenyl-phenylether
Concen: 43.981 ng
RT: 16.50 min Scan# 2282
Delta R.T. -0.00 min
Lab File: BG046461.D
Acq: 26 Aug 2020 19:52

Instrument :
BNA_G
ClientSampleId :
RO-10MSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.9	78.6	118.0
141	58.5	43.9	65.9

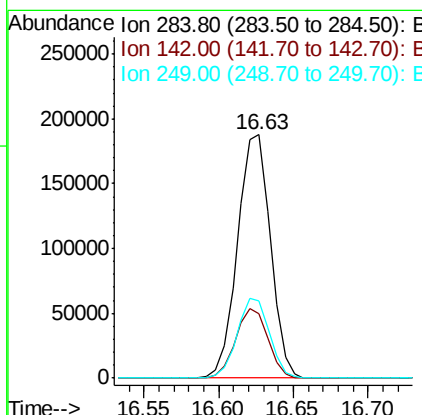
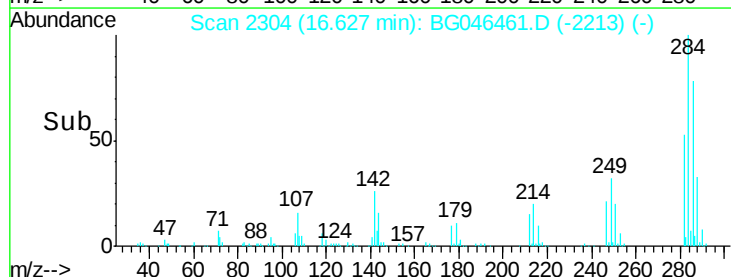
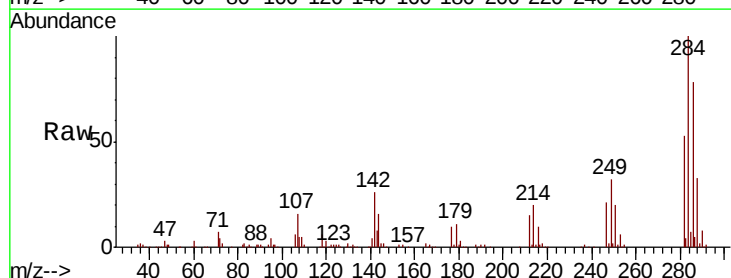
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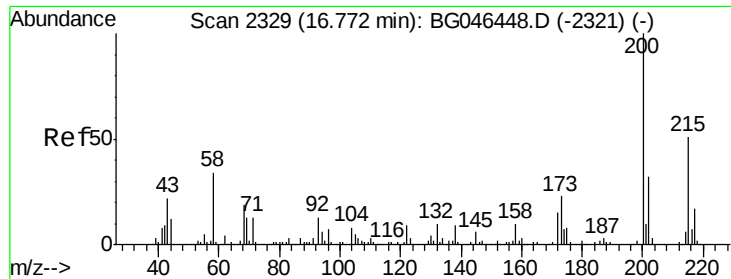
mohammad
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#68
Hexachlorobenzene
Concen: 42.531 ng
RT: 16.63 min Scan# 2304
Delta R.T. 0.00 min
Lab File: BG046461.D
Acq: 26 Aug 2020 19:52

Tgt Ion	Ratio	Lower	Upper
284	100		
142	26.4	22.3	33.5
249	31.8	24.8	37.2





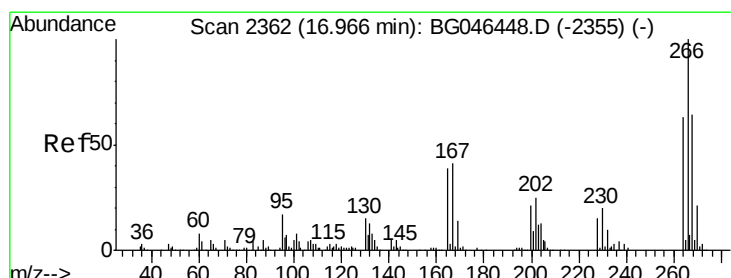
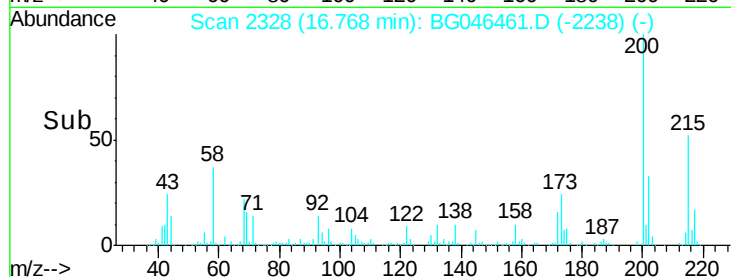
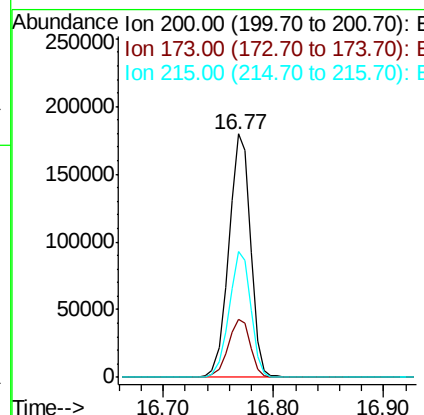
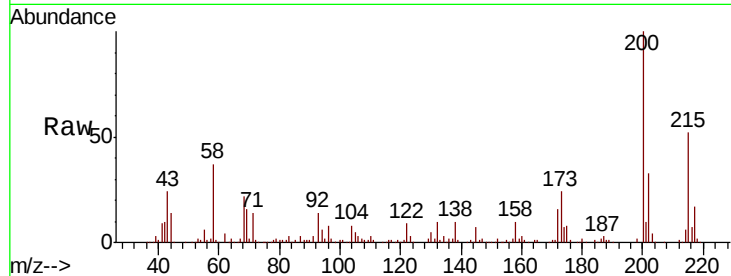
#69
 Atrazine
 Concen: 43.177 ng
 RT: 16.77 min Scan# 2328
 Delta R.T. -0.00 min
 Lab File: BG046461.D
 Acq: 26 Aug 2020 19:52

Instrument :
 BNA_G
 ClientSampleId :
 RO-10MSD

Tot Ion	Ratio	Resp	Lower	Upper
200	100	248274		
173	24.0	3.3	43.3	
215	51.9	30.9	70.9	

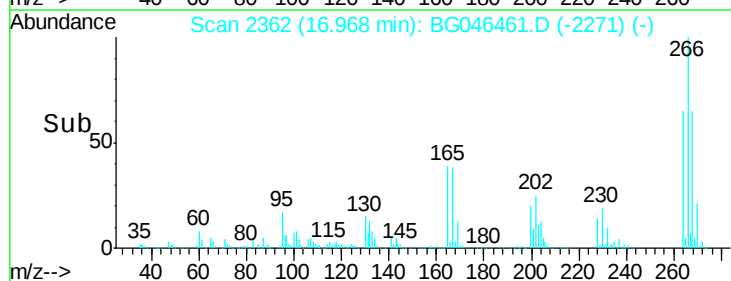
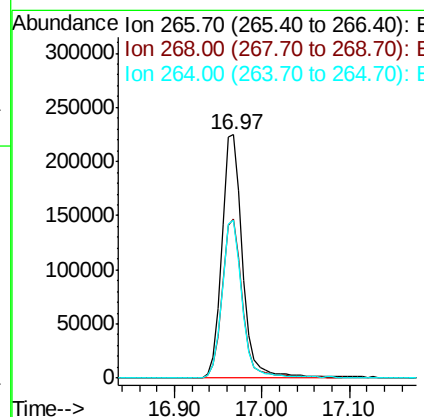
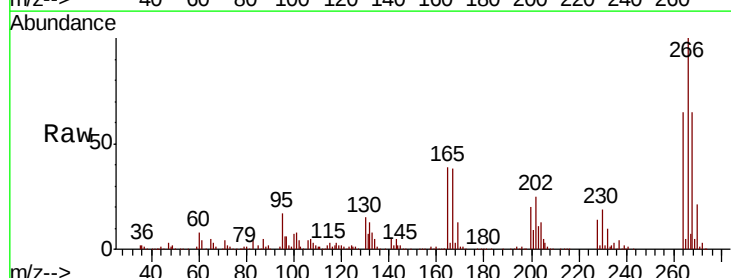
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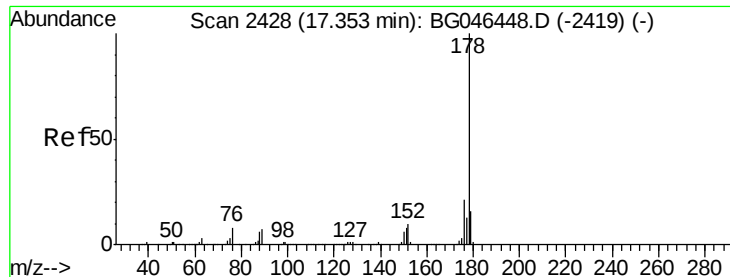
mohammad
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#70
 Pentachlorophenol
 Concen: 104.862 ng
 RT: 16.97 min Scan# 2362
 Delta R.T. 0.00 min
 Lab File: BG046461.D
 Acq: 26 Aug 2020 19:52

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	369860		
268	65.5	51.1	76.7	
264	64.7	50.2	75.2	





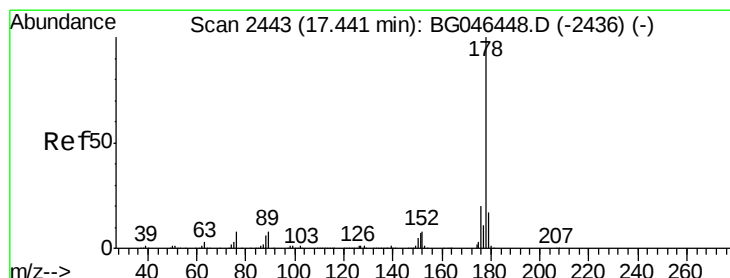
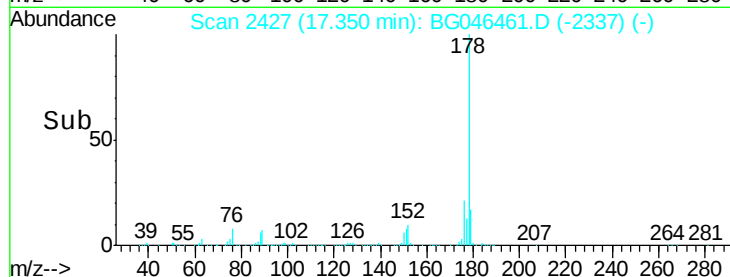
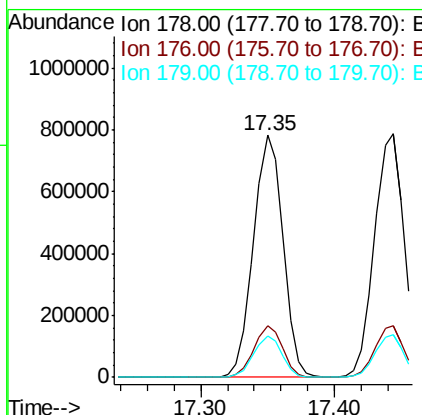
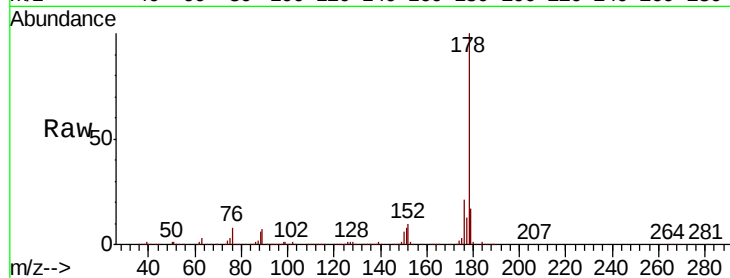
#71
Phenanthrene
Concen: 44.992 ng
RT: 17.35 min Scan# 2427
Delta R.T. -0.00 min
Lab File: BG046461.D
Acq: 26 Aug 2020 19:52

Instrument :
BNA_G
ClientSampleId :
RO-10MSD

Tot Ion:178 Resp: 1191504
Ion Ratio Lower Upper
178 100
176 21.3 16.8 25.2
179 17.3 13.2 19.8

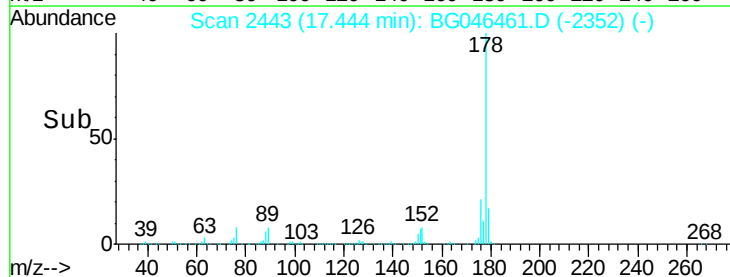
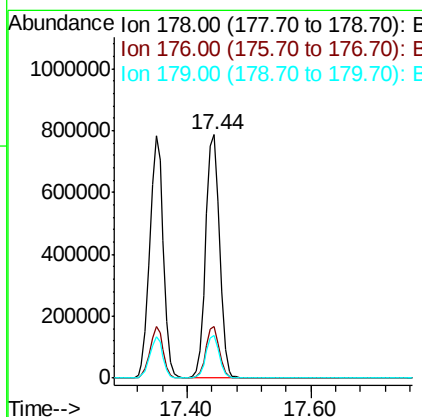
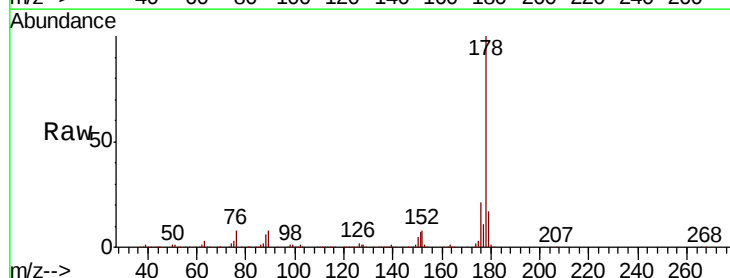
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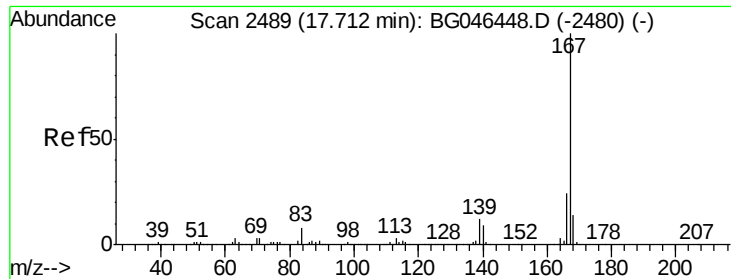
mohammad
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#72
Anthracene
Concen: 46.472 ng
RT: 17.44 min Scan# 2443
Delta R.T. 0.00 min
Lab File: BG046461.D
Acq: 26 Aug 2020 19:52

Tgt Ion:178 Resp: 1214260
Ion Ratio Lower Upper
178 100
176 21.1 16.1 24.1
179 17.3 13.3 19.9





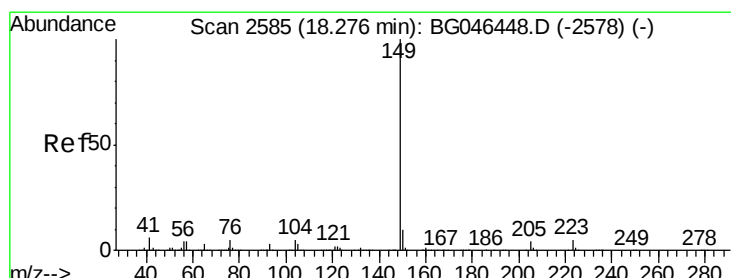
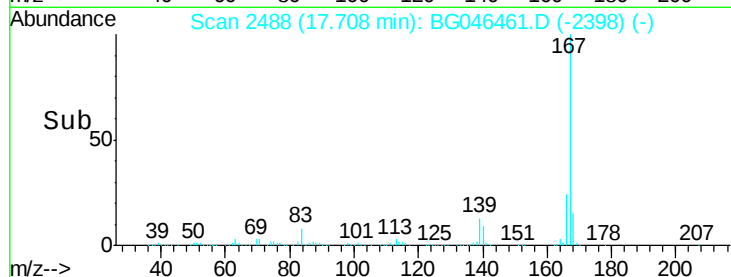
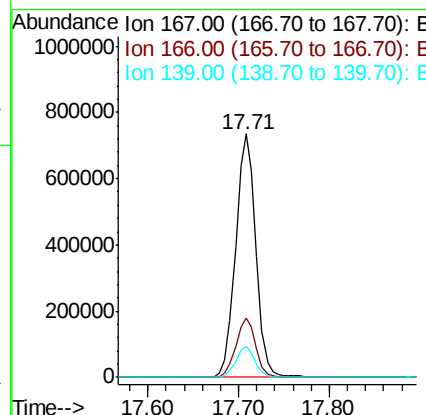
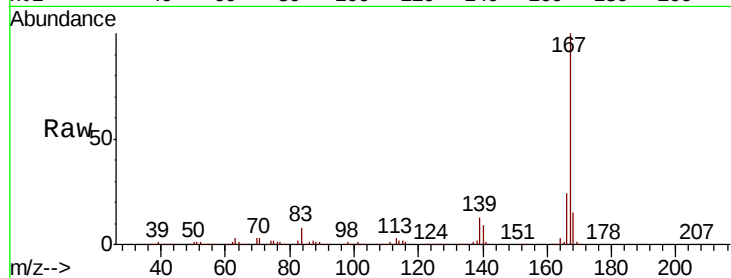
#73
 Carbazole
 Concen: 46.158 ng
 RT: 17.71 min Scan# 2488
 Delta R.T. -0.00 min
 Lab File: BG046461.D
 Acq: 26 Aug 2020 19:52

Instrument :
 BNA_G
 ClientSampleId :
 RO-10MSD

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

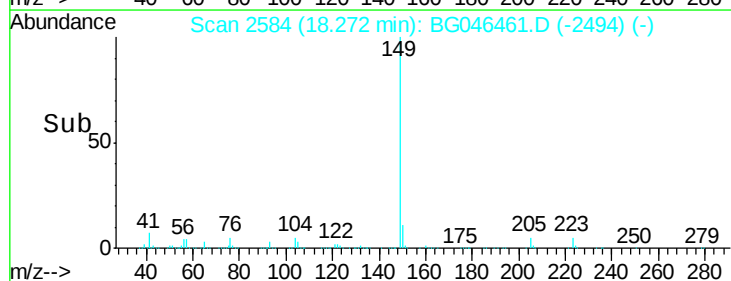
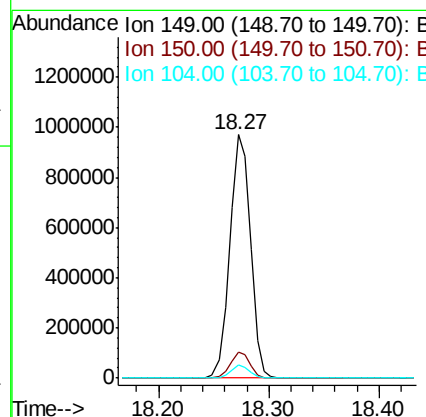
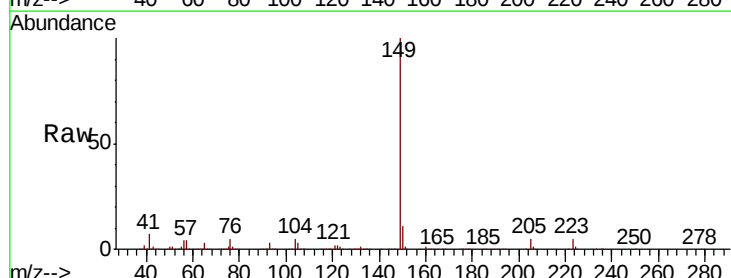
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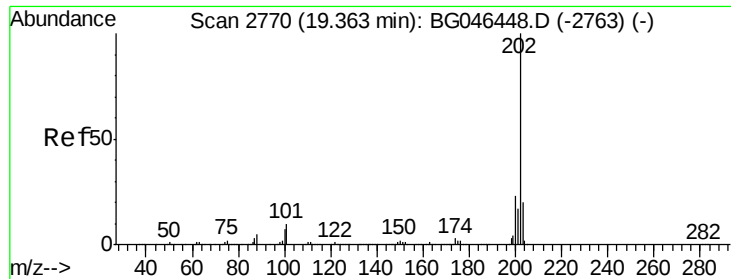
mohammad
 8/27/2020 3:14:25 PM



#74
 Di-n-butylphthalate
 Concen: 44.855 ng
 RT: 18.27 min Scan# 2584
 Delta R.T. -0.00 min
 Lab File: BG046461.D
 Acq: 26 Aug 2020 19:52

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.8	8.1	12.1
104	5.2	4.0	6.0





#75

Fluoranthene

Concen: 45.573 ng

RT: 19.36 min Scan# 2769

Delta R.T. -0.00 min

Lab File: BG046461.D

Acq: 26 Aug 2020 19:52

Instrument :

BNA_G

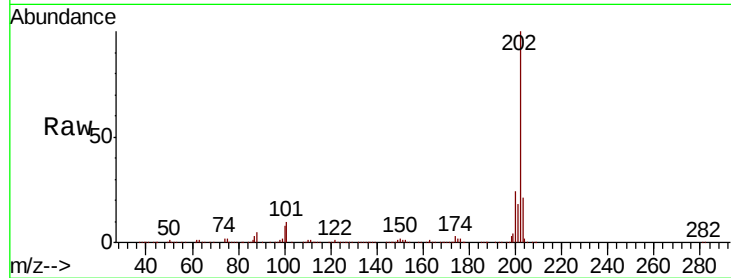
ClientSampleId :

RO-10MSD

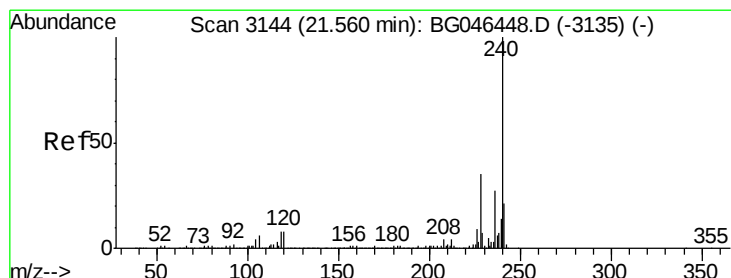
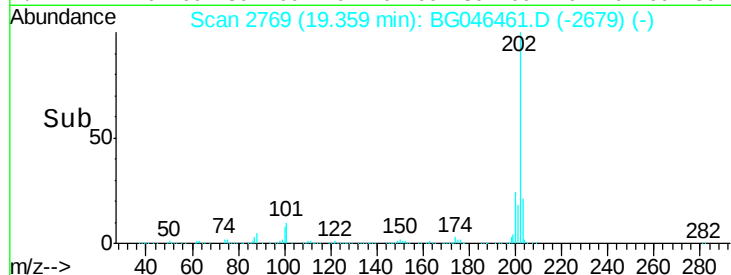
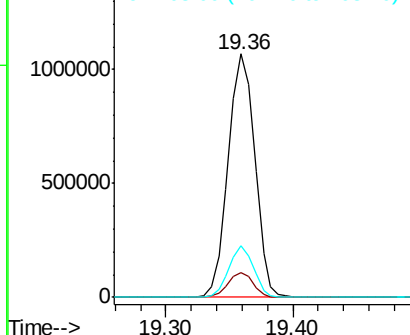
Tot Ion:	202	Resp:	1553145
Ion	Ratio	Lower	Upper
202	100		
101	10.3	0.0	29.9
203	21.1	0.0	40.0

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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

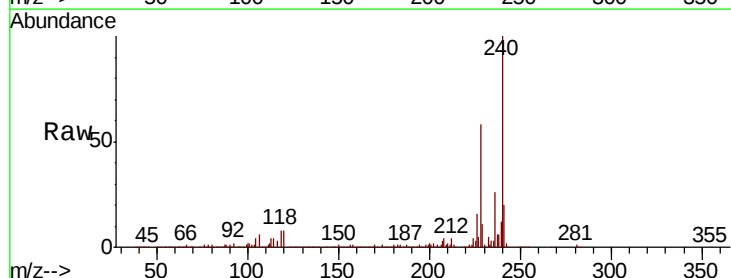
RT: 21.56 min Scan# 3143

Delta R.T. -0.00 min

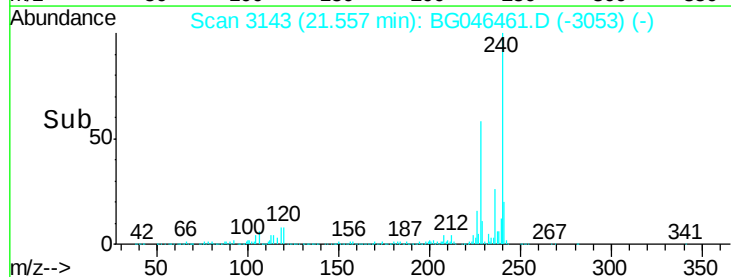
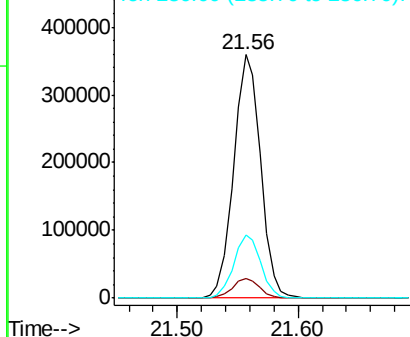
Lab File: BG046461.D

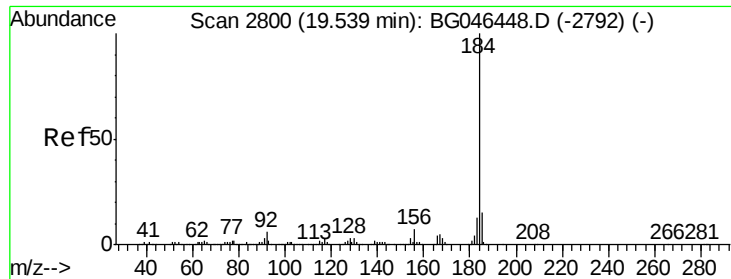
Acq: 26 Aug 2020 19:52

Tgt Ion:	240	Resp:	557234
Ion	Ratio	Lower	Upper
240	100		
120	8.3	6.6	10.0
236	25.8	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: 12.894 ng

RT: 19.54 min Scan# 2799

Delta R.T. -0.00 min

Lab File: BG046461.D

Acq: 26 Aug 2020 19:52

Instrument :

BNA_G

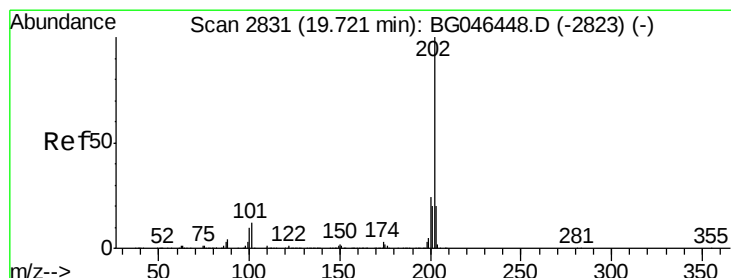
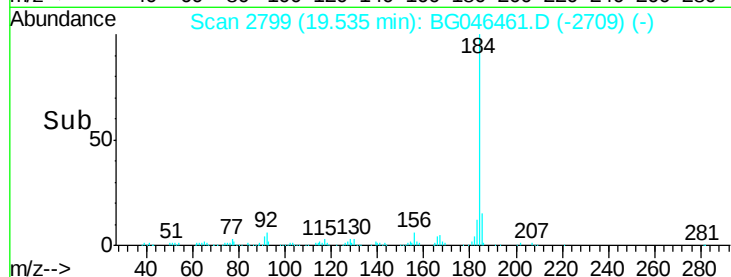
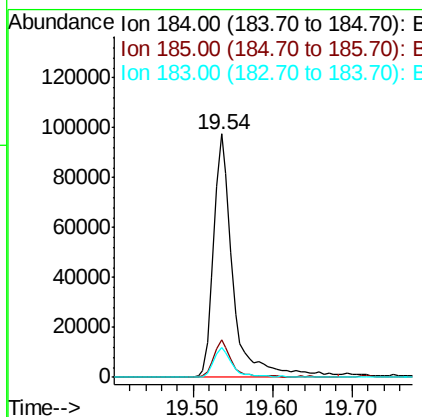
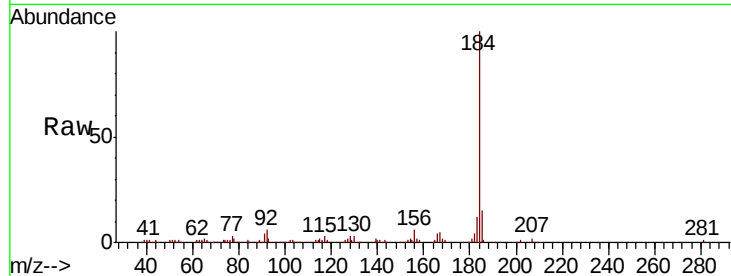
ClientSampleId :

RO-10MSD

Tot Ion:	184	Resp:	166959
Ion Ratio		Lower	Upper
184	100		
185	15.3	11.8	17.8
183	12.2	10.7	16.1

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#78

Pyrene

Concen: 44.276 ng

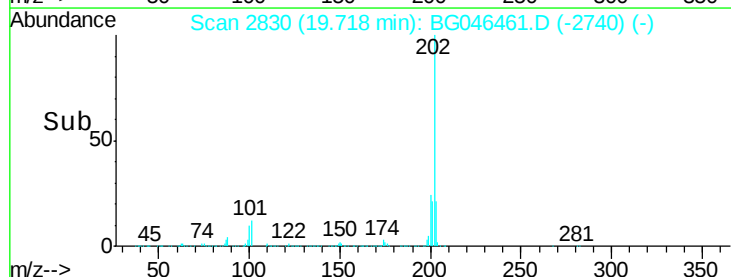
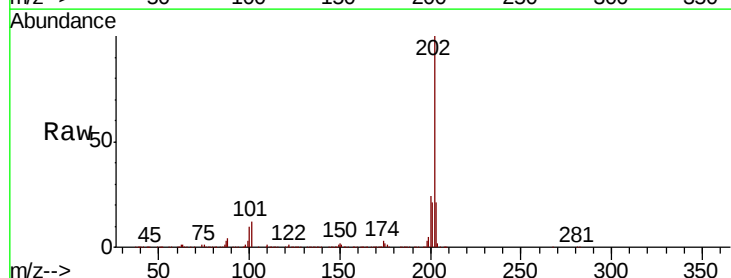
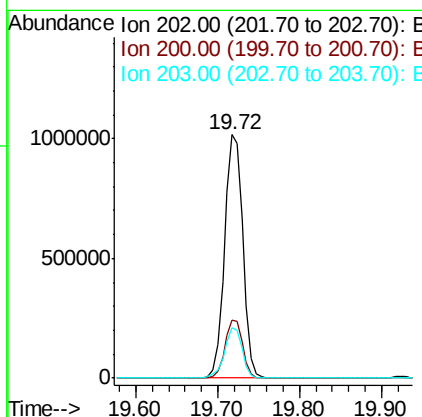
RT: 19.72 min Scan# 2830

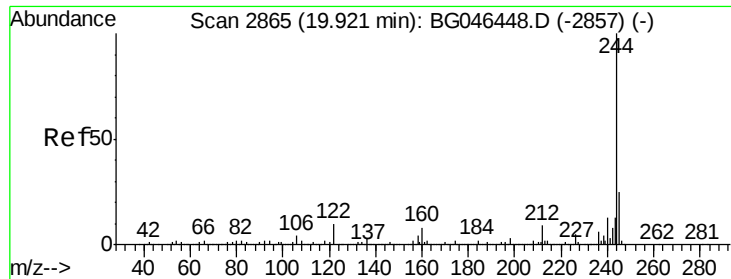
Delta R.T. -0.00 min

Lab File: BG046461.D

Acq: 26 Aug 2020 19:52

Tgt Ion:	202	Resp:	1571089
Ion Ratio		Lower	Upper
202	100		
200	23.8	18.9	28.3
203	20.8	16.1	24.1





#79

Terphenyl-d14

Concen: 73.922 ng

RT: 19.92 min Scan# 2865

Delta R.T. 0.00 min

Lab File: BG046461.D

Acq: 26 Aug 2020 19:52

Instrument :

BNA_G

ClientSampleId :

RO-10MSD

Tot Ion:244 Resp: 1935548

Ion Ratio Lower Upper

244 100

212 9.2 6.9 10.3

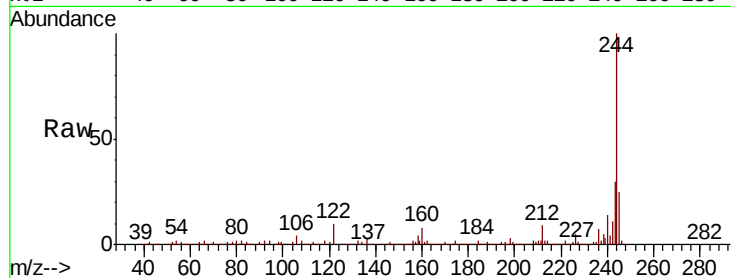
122 10.2 8.2 12.4

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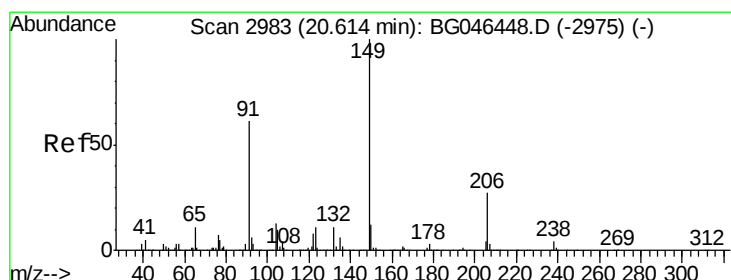
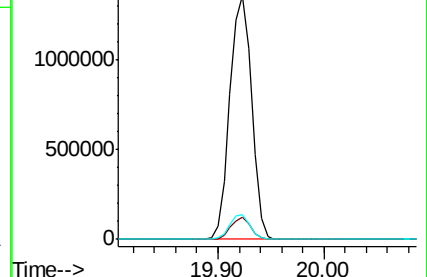
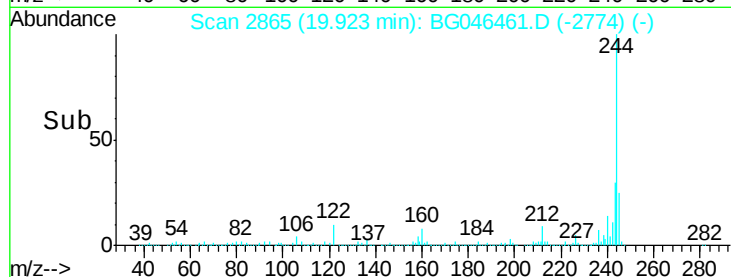
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 44.364 ng

RT: 20.61 min Scan# 2982

Delta R.T. -0.00 min

Lab File: BG046461.D

Acq: 26 Aug 2020 19:52

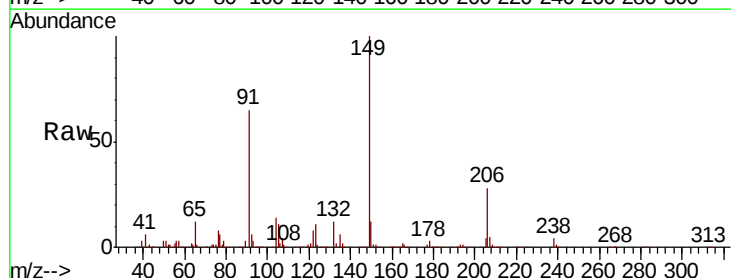
Tgt Ion:149 Resp: 614028

Ion Ratio Lower Upper

149 100

91 65.4 49.1 73.7

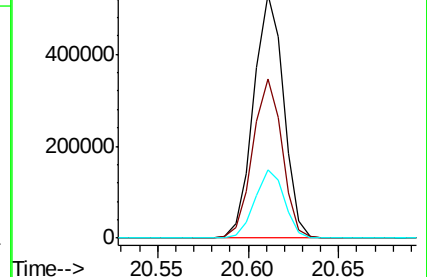
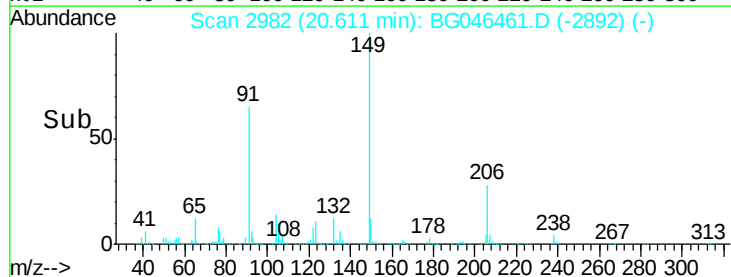
206 28.3 21.9 32.9

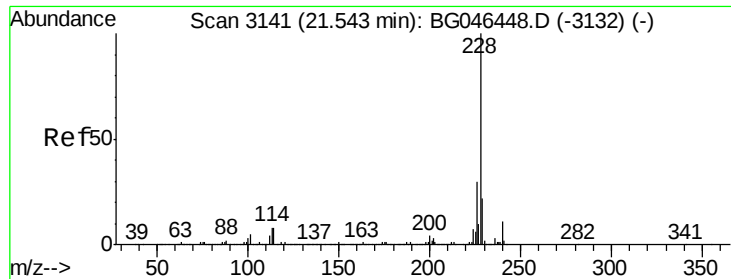


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





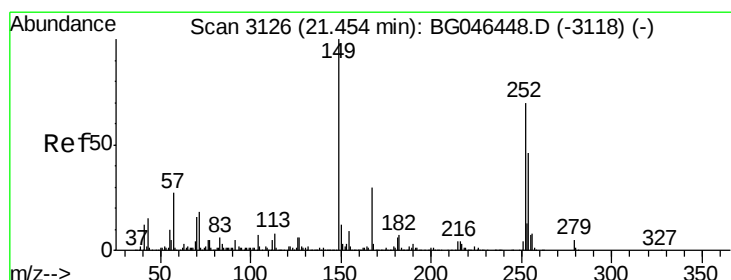
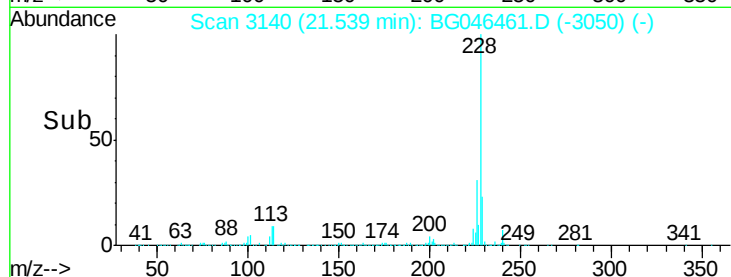
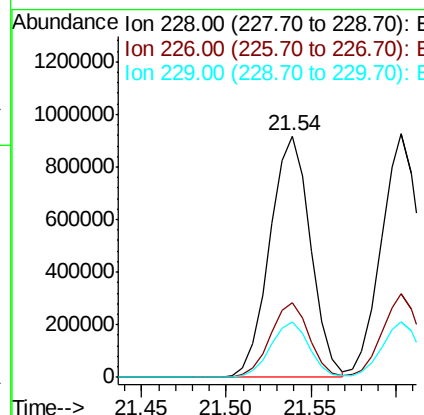
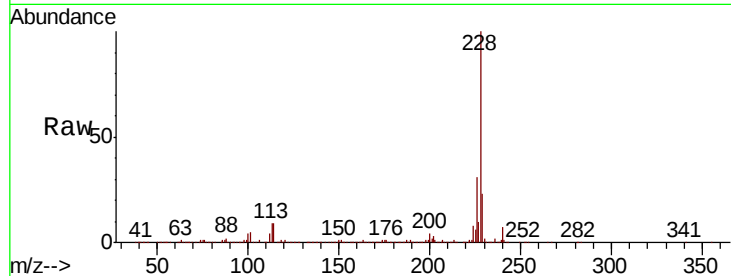
#81
Benzo(a)anthracene
Concen: 44.156 ng
RT: 21.54 min Scan# 3140
Delta R.T. -0.00 min
Lab File: BG046461.D
Acq: 26 Aug 2020 19:52

Instrument :
BNA_G
ClientSampleId :
RO-10MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.0	24.2	36.4
229	23.0	17.4	26.2

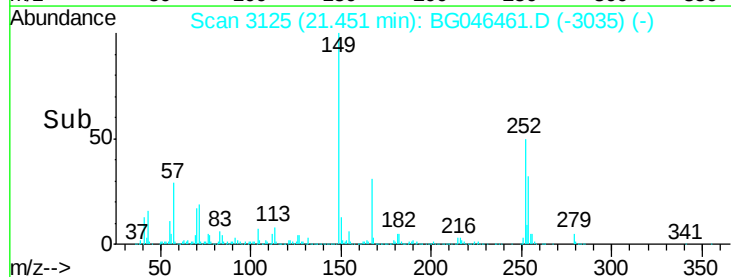
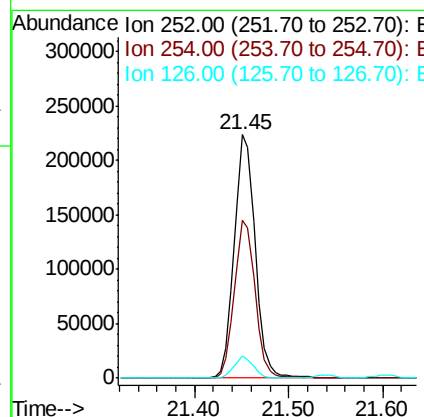
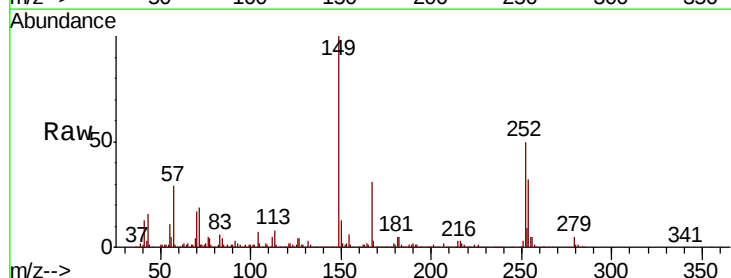
Manual Integrations
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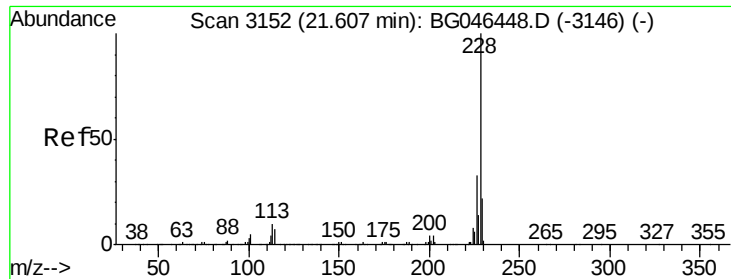
mohammad
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#82
3,3'-Dichlorobenzidine
Concen: 26.982 ng
RT: 21.45 min Scan# 3125
Delta R.T. -0.00 min
Lab File: BG046461.D
Acq: 26 Aug 2020 19:52

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.0	51.9	77.9
126	8.9	7.4	11.0





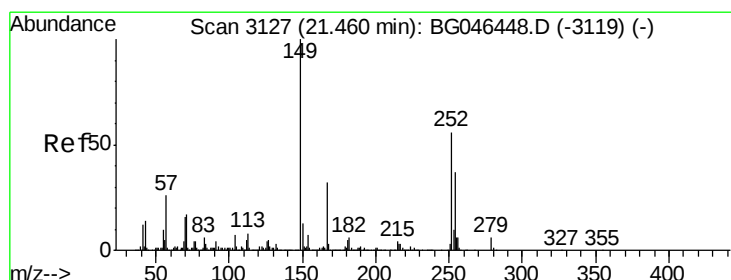
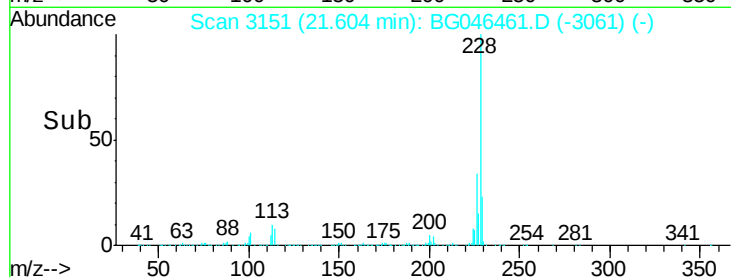
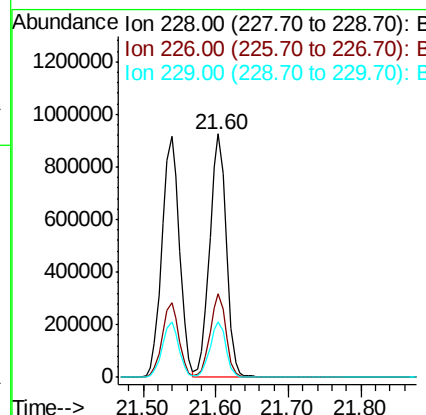
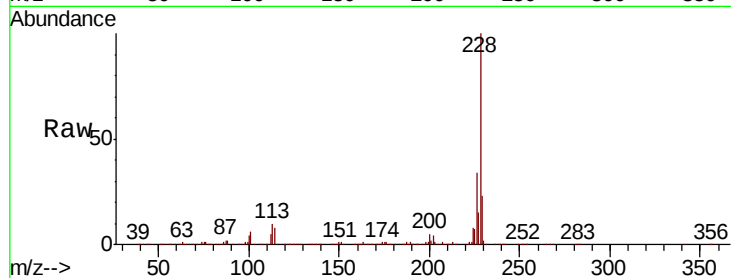
#83
Chrysene
Concen: 44.188 ng
RT: 21.60 min Scan# 3151
Delta R.T. -0.00 min
Lab File: BG046461.D
Acq: 26 Aug 2020 19:52

Instrument :
BNA_G
ClientSampleId :
RO-10MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	34.3	26.2	39.4
229	22.9	17.9	26.9

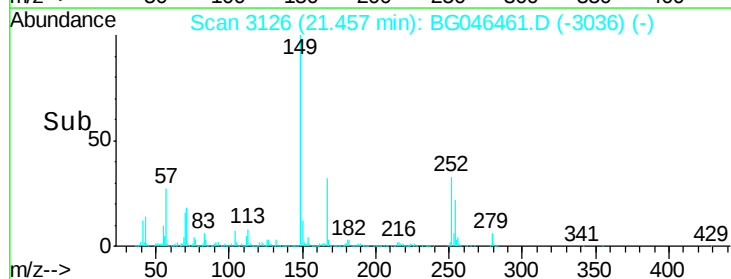
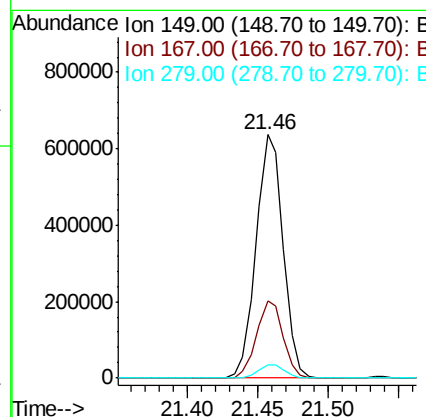
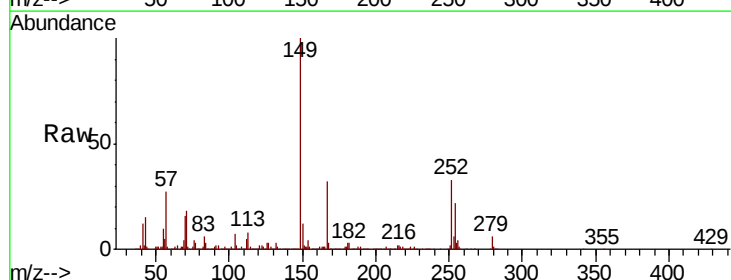
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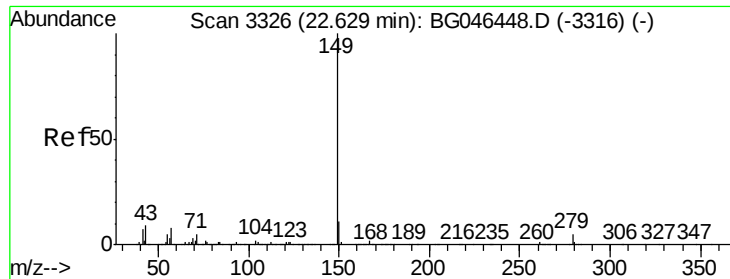
mohammad
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#84
Bis(2-ethylhexyl)phthalate
Concen: 45.251 ng
RT: 21.46 min Scan# 3126
Delta R.T. -0.00 min
Lab File: BG046461.D
Acq: 26 Aug 2020 19:52

Tgt Ion	Ratio	Lower	Upper
149	100		
167	31.6	25.4	38.2
279	5.6	4.5	6.7





#85

Di-n-octyl phthalate

Concen: 45.636 ng

RT: 22.63 min Scan# 3326

Delta R.T. 0.00 min

Lab File: BG046461.D

Acq: 26 Aug 2020 19:52

Instrument :

BNA_G

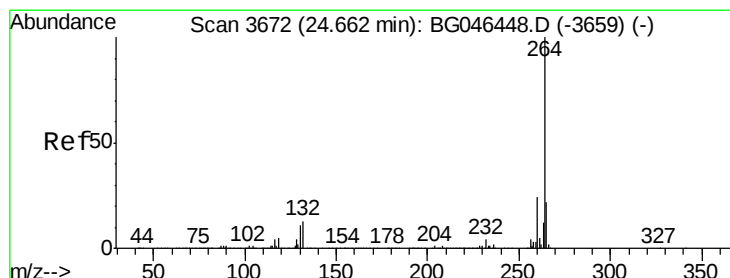
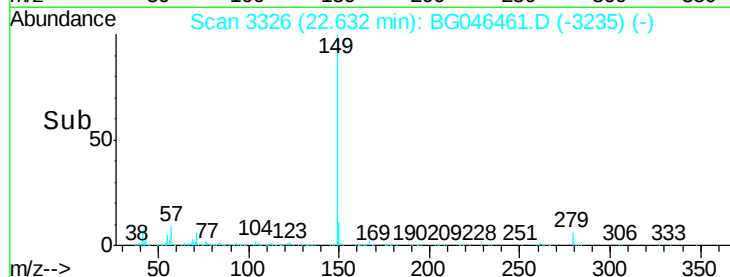
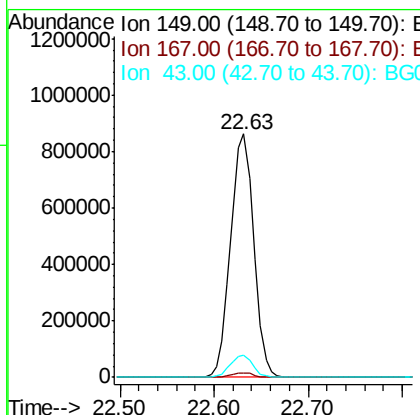
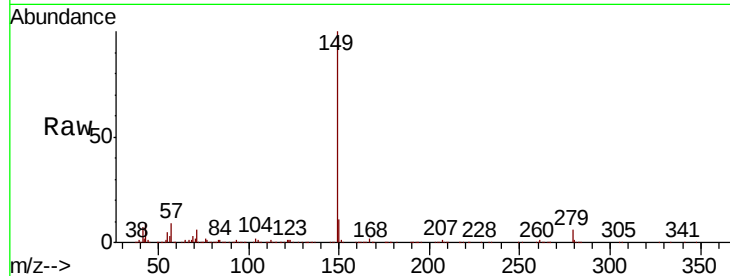
ClientSampleId :

RO-10MSD

Tot Ion:	149	Resp:	1475949
Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.5	2.3
43	8.8	7.0	10.4

Manual Integrations
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#86

Perylene-d12

Concen: 20.000 ng

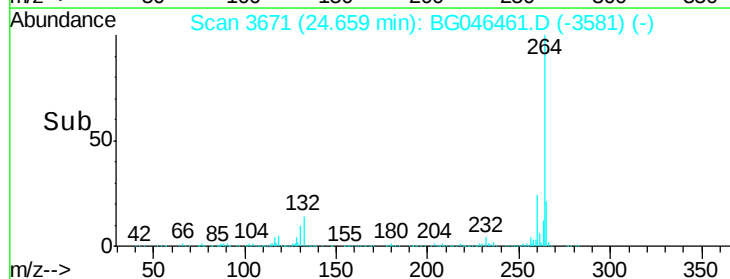
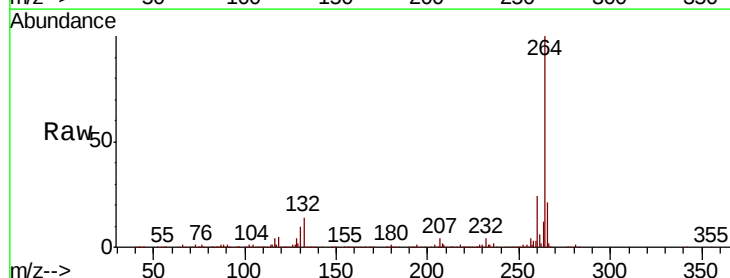
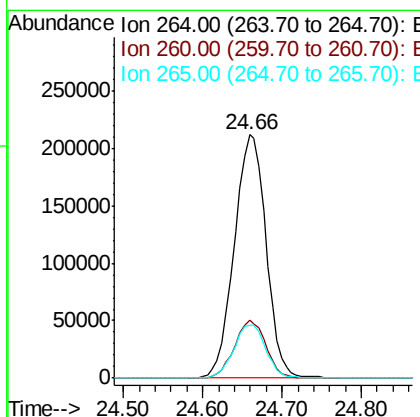
RT: 24.66 min Scan# 3671

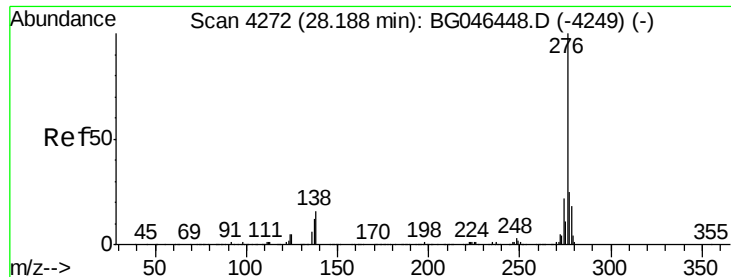
Delta R.T. -0.00 min

Lab File: BG046461.D

Acq: 26 Aug 2020 19:52

Tgt Ion:	264	Resp:	588794
Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	21.5	17.9	26.9





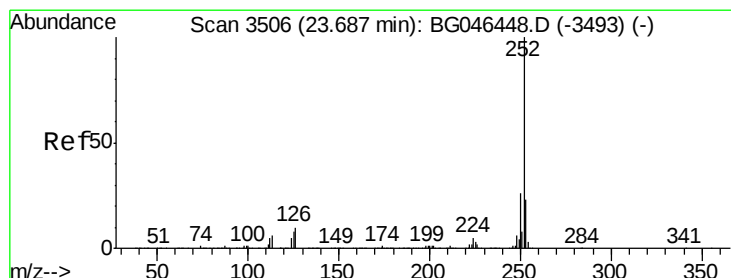
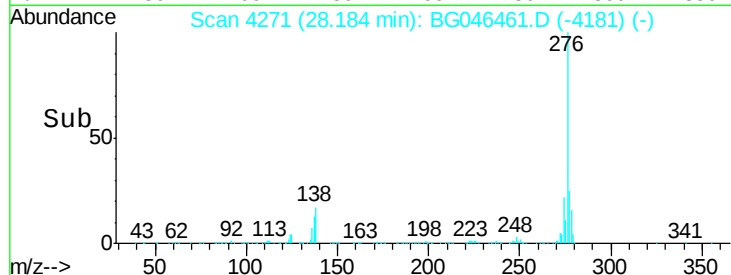
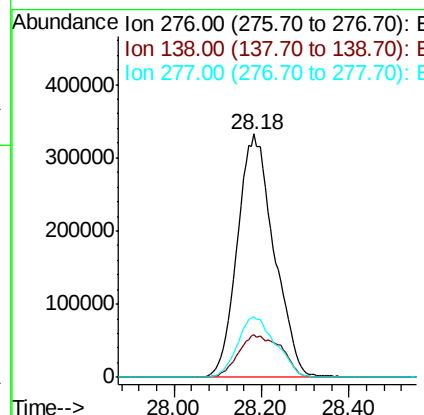
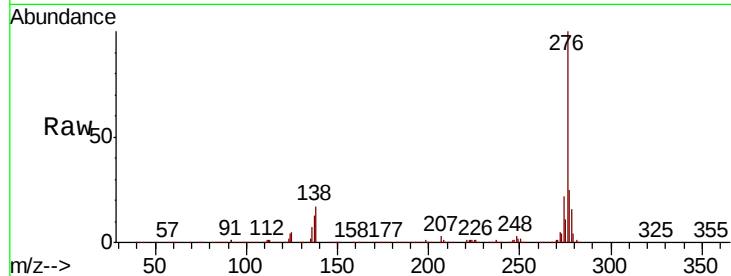
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 44.567 ng
 RT: 28.18 min Scan# 4271
 Delta R.T. -0.00 min
 Lab File: BG046461.D
 Acq: 26 Aug 2020 19:52

Instrument :
 BNA_G
 ClientSampleId :
 RO-10MSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	20.8	16.5	24.7
277	26.0	20.7	31.1

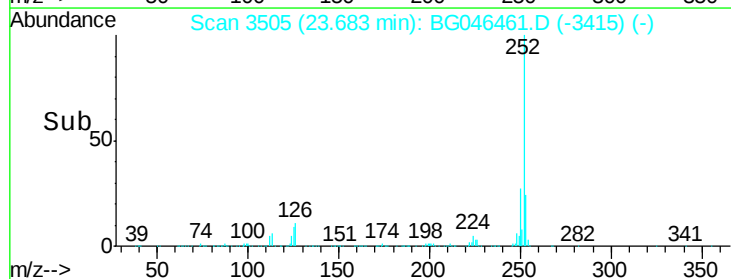
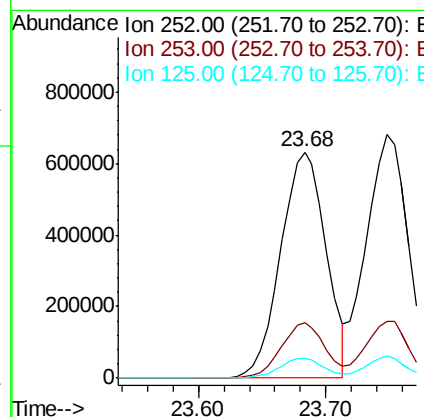
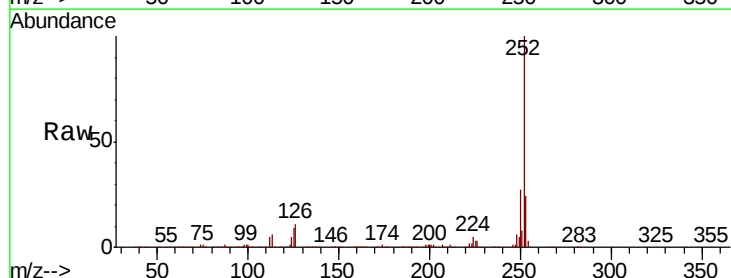
Manual Integrations
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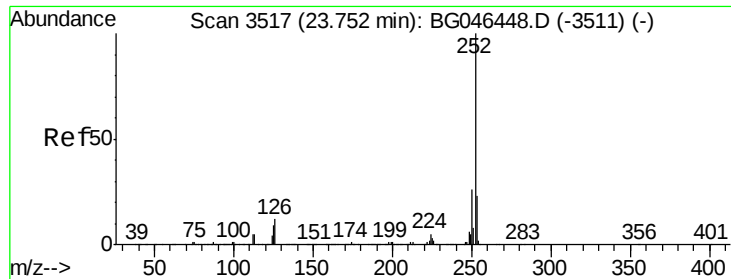
mohammad
 8/27/2020 3:14:25 PM



#88
 Benzo(b)fluoranthene
 Concen: 42.638 ng
 RT: 23.68 min Scan# 3505
 Delta R.T. -0.00 min
 Lab File: BG046461.D
 Acq: 26 Aug 2020 19:52

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.3	18.2	27.4
125	8.9	6.2	9.2





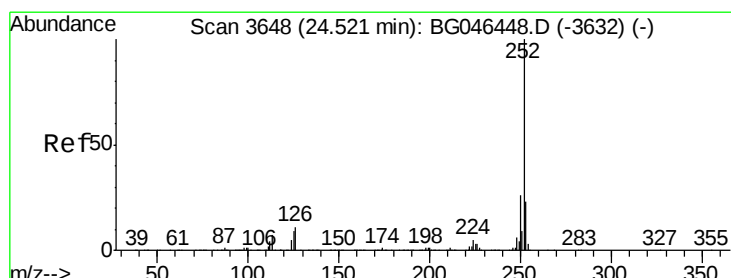
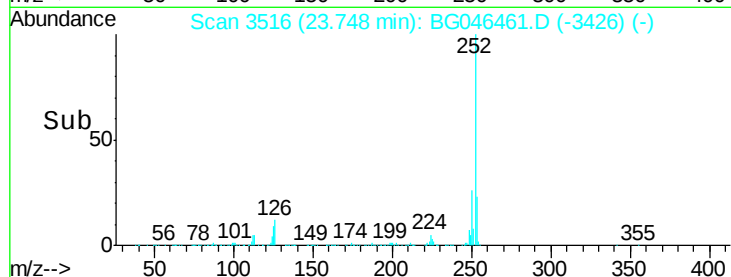
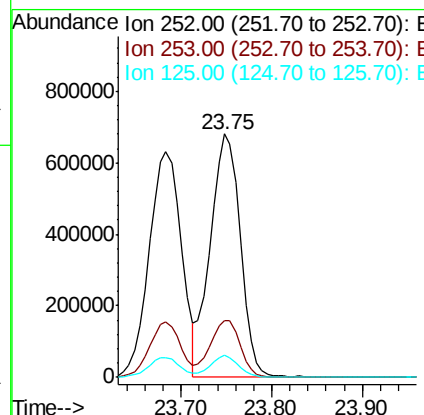
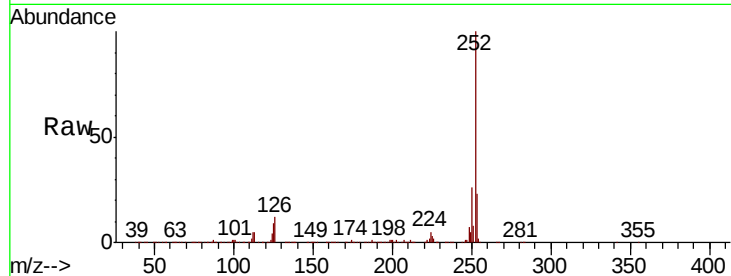
#89
Benzo(k)fluoranthene
Concen: 44.112 ng
RT: 23.75 min Scan# 3516
Delta R.T. -0.00 min
Lab File: BG046461.D
Acq: 26 Aug 2020 19:52

Instrument :
BNA_G
ClientSampleId :
RO-10MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.5	27.7
125	8.9	6.8	10.2

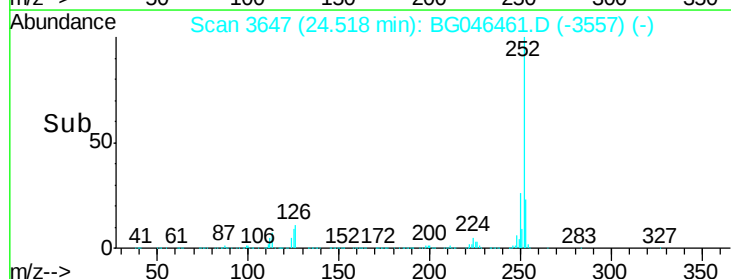
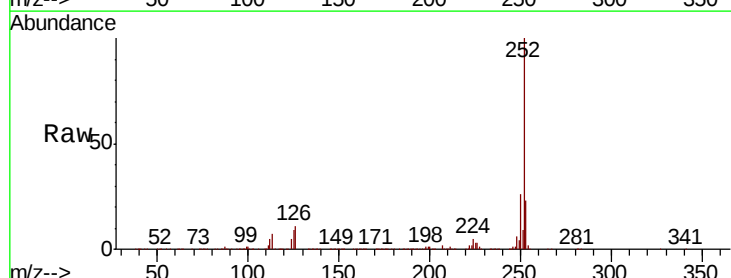
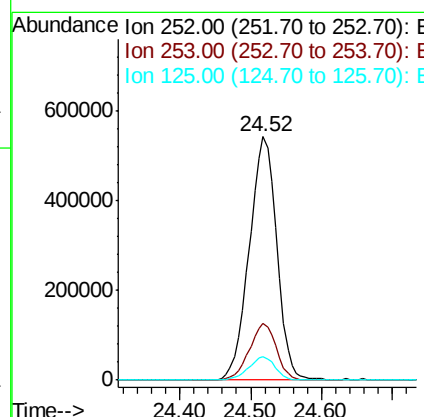
Manual Integrations
APPROVED

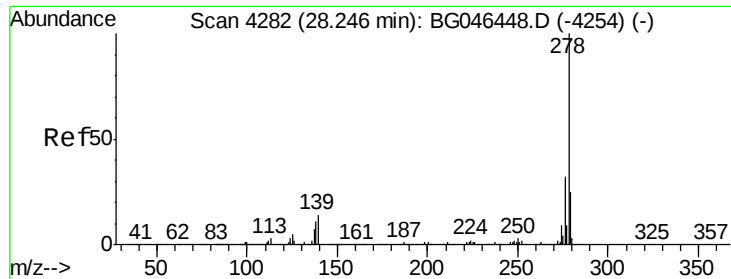
mohammad
8/27/2020 3:14:25 PM



#90
Benzo(a)pyrene
Concen: 42.941 ng
RT: 24.52 min Scan# 3647
Delta R.T. -0.00 min
Lab File: BG046461.D
Acq: 26 Aug 2020 19:52

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.2	27.4
125	9.4	7.4	11.0





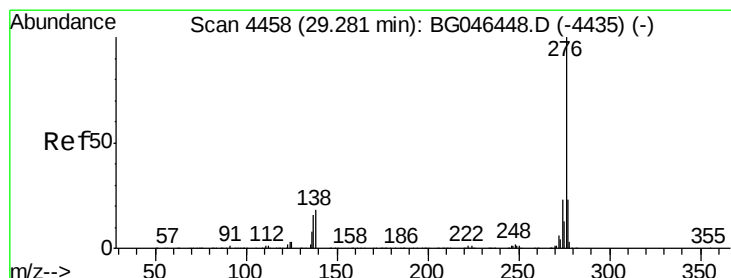
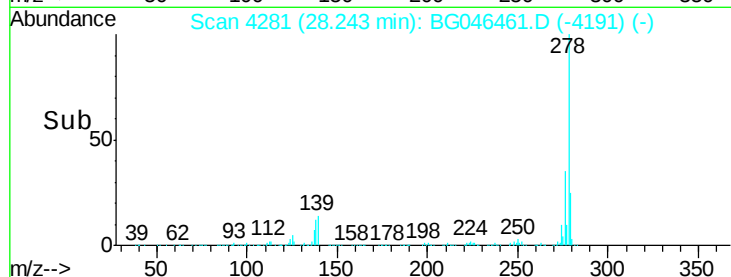
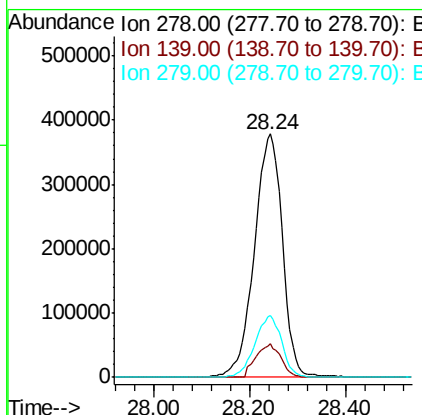
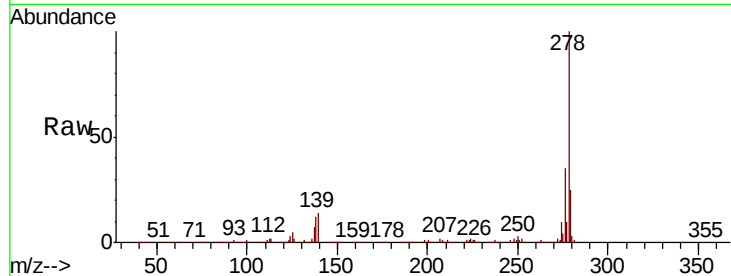
#91
Dibenzo(a,h)anthracene
Concen: 45.140 ng
RT: 28.24 min Scan# 4281
Delta R.T. -0.00 min
Lab File: BG046461.D
Acq: 26 Aug 2020 19:52

Instrument :
BNA_G
ClientSampleId :
RO-10MSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	13.8	11.2	16.8
279	25.2	19.8	29.8

Manual Integrations
APPROVED

mohammad
8/27/2020 3:14:25 PM



#92
Benzo(g,h,i)perylene
Concen: 46.363 ng
RT: 29.28 min Scan# 4458
Delta R.T. 0.00 min
Lab File: BG046461.D
Acq: 26 Aug 2020 19:52

Tgt Ion	Ratio	Lower	Upper
276	100		
277	25.1	18.7	28.1
138	17.9	14.7	22.1

