

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090320\
 Data File : BG046523.D
 Acq On : 3 Sep 2020 19:29
 Operator : CG/JU
 Sample : L3871-04MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TR-05-090220MS

Manual Integrations
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mohammad
 9/4/2020 1:54:54 PM

Quant Time: Sep 04 07:20:00 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 02 15:06:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	82995	20.00	ng	0.00
21) Naphthalene-d8	10.73	136	329064	20.00	ng	0.00
39) Acenaphthene-d10	14.57	164	219283	20.00	ng	0.00
64) Phenanthrene-d10	17.30	188	507474	20.00	ng	0.00
76) Chrysene-d12	21.56	240	486204	20.00	ng	0.00
86) Perylene-d12	24.65	264	512226	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.52	112	546171	116.56	ng	0.00
7) Phenol-d6	7.11	99	656227	98.79	ng	0.00
23) Nitrobenzene-d5	9.09	82	500516	86.93	ng	0.00
42) 2,4,6-Tribromophenol	16.05	330	333604	112.28	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	1218138	84.80	ng	0.00
79) Terphenyl-d14	19.92	244	1828306	80.03	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.43	88	68893	35.339	ng	# 32
3) Pyridine	3.83	79	188190	32.994	ng	98
4) n-Nitrosodimethylamine	3.73	42	99873	47.475	ng	95
6) Aniline	7.26	93	227099	30.381	ng	99
8) 2-Chlorophenol	7.50	128	248618	50.200	ng	98
9) Benzaldehyde	7.07	77	140180	37.666	ng	98
10) Phenol	7.13	94	264641	43.254	ng	97
11) bis(2-Chloroethyl)ether	7.35	93	232983	47.375	ng	98
12) 1,3-Dichlorobenzene	7.82	146	247761	39.404	ng	98
13) 1,4-Dichlorobenzene	7.97	146	249508	39.636	ng	98
14) 1,2-Dichlorobenzene	8.28	146	244634	40.530	ng	99
15) Benzyl Alcohol	8.17	79	219672	51.509	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.46	45	350990	46.012	ng	99
17) 2-Methylphenol	8.38	107	212833	49.051	ng	100
18) Hexachloroethane	9.01	117	83040	38.906	ng	97
19) n-Nitroso-di-n-propylamine	8.74	70	190160	47.858	ng	97
20) 3+4-Methylphenols	8.71	107	287213	47.957	ng	99
22) Acetophenone	8.75	105	366603	45.768	ng	# 98
24) Nitrobenzene	9.13	77	271297	47.697	ng	99
25) Isophorone	9.65	82	521169	49.375	ng	99
26) 2-Nitrophenol	9.84	139	148818	49.589	ng	96
27) 2,4-Dimethylphenol	9.91	122	238140	57.695	ng	96
28) bis(2-Chloroethoxy)methane	10.14	93	318749	46.917	ng	98
29) 2,4-Dichlorophenol	10.38	162	272767	49.572	ng	98
30) 1,2,4-Trichlorobenzene	10.59	180	264950	40.583	ng	99
31) Naphthalene	10.78	128	709660	44.169	ng	99
32) Benzoic acid	10.07	122	83220	31.531	ng	98
33) 4-Chloroaniline	10.89	127	74474	10.512	ng	99
34) Hexachlorobutadiene	11.08	225	163544	38.589	ng	99
35) Caprolactam	11.67	113	72749m	35.370	ng	
36) 4-Chloro-3-methylphenol	12.02	107	267378	49.683	ng	97
37) 2-Methylnaphthalene	12.39	142	559579	44.160	ng	98
38) 1-Methylnaphthalene	12.60	142	533693	44.463	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.76	216	336430	46.525	ng	99

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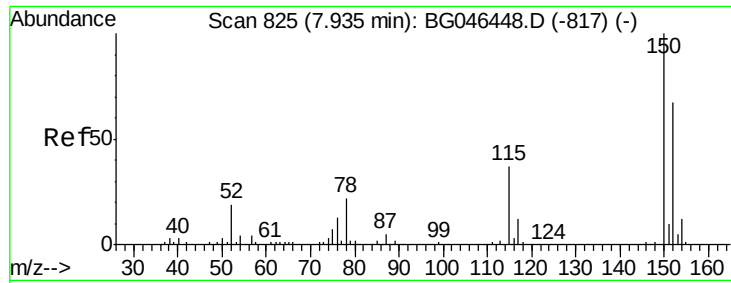
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082520.M
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 QLast Update : Wed Sep 02 15:06:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.74	237	353889	112.550	nq	98
43) 2,4,6-Trichlorophenol	13.00	196	241315	49.452	nq	99
44) 2,4,5-Trichlorophenol	13.07	196	260892	50.886	nq	98
46) 1,1'-Biphenyl	13.40	154	744304	48.786	nq	98
47) 2-Chloronaphthalene	13.44	162	589212	45.550	nq	99
48) 2-Nitroaniline	13.64	65	169009	47.053	nq	99
49) Acenaphthylene	14.28	152	932079	47.502	nq	99
50) Dimethylphthalate	14.02	163	791344	46.646	nq	100
51) 2,6-Dinitrotoluene	14.14	165	183295	49.014	nq	98
52) Acenaphthene	14.63	154	570369	46.908	nq	98
53) 3-Nitroaniline	14.47	138	117430	28.989	nq	99
54) 2,4-Dinitrophenol	14.68	184	225358	103.240	nq	99
55) Dibenzofuran	14.96	168	914908	46.885	nq	99
56) 4-Nitrophenol	14.79	139	260427	87.356	nq	99
57) 2,4-Dinitrotoluene	14.92	165	264699	49.641	nq	# 98
58) Fluorene	15.61	166	767960	46.890	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.19	232	242997	48.807	nq	98
60) Diethylphthalate	15.38	149	767782	46.418	nq	100
61) 4-Chlorophenyl-phenylether	15.60	204	415291	46.041	nq	97
62) 4-Nitroaniline	15.63	138	175761	41.121	nq	94
63) Azobenzene	15.90	77	652157	48.470	nq	98
65) 4,6-Dinitro-2-methylphenol	15.69	198	163603	56.958	nq	96
66) n-Nitrosodiphenylamine	15.82	169	690044	50.403	nq	99
67) 4-Bromophenyl-phenylether	16.50	248	290223	49.019	nq	98
68) Hexachlorobenzene	16.62	284	308735	47.085	nq	98
69) Atrazine	16.77	200	209431	37.498	nq	98
70) Pentachlorophenol	16.96	266	357558	104.370	nq	100
71) Phenanthrene	17.35	178	1230113	47.823	nq	98
72) Anthracene	17.44	178	1251204	49.302	nq	98
73) Carbazole	17.71	167	1141506	47.640	nq	99
74) Di-n-butylphthalate	18.27	149	1292289	46.902	nq	99
75) Fluoranthene	19.36	202	1519435	45.902	nq	99
77) Benzidine	19.54	184	120317	10.650	nq	99
78) Pyrene	19.72	202	1523756	49.215	nq	99
80) Butylbenzylphthalate	20.61	149	598024	49.519	nq	98
81) Benzo(a)anthracene	21.53	228	1452595	47.933	nq	99
82) 3,3'-Dichlorobenzidine	21.45	252	393055	34.950	nq	99
83) Chrysene	21.60	228	1422295	48.791	nq	99
84) Bis(2-ethylhexyl)phthalate	21.46	149	834894	50.659	nq	100
85) Di-n-octyl phthalate	22.63	149	1465543	51.934	nq	99
87) Indeno(1,2,3-cd)pyrene	28.17	276	1854829	50.418	nq	100
88) Benzo(b)fluoranthene	23.68	252	1563205	48.875	nq	96
89) Benzo(k)fluoranthene	23.74	252	1545266	49.991	nq	98
90) Benzo(a)pyrene	24.51	252	1437277	48.153	nq	99
91) Dibenzo(a,h)anthracene	28.24	278	1512513	50.947	nq	99
92) Benzo(g,h,i)perylene	29.28	276	1551322	52.329	nq	98

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



#1

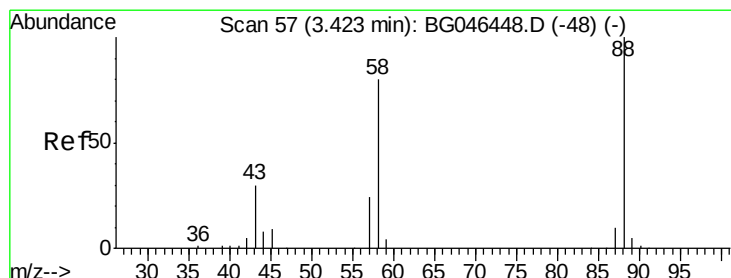
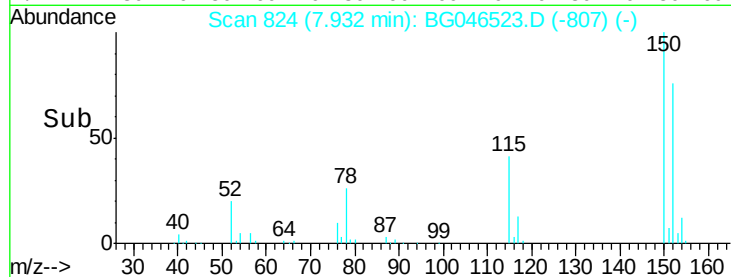
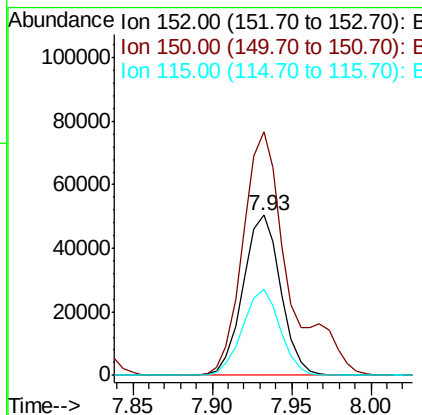
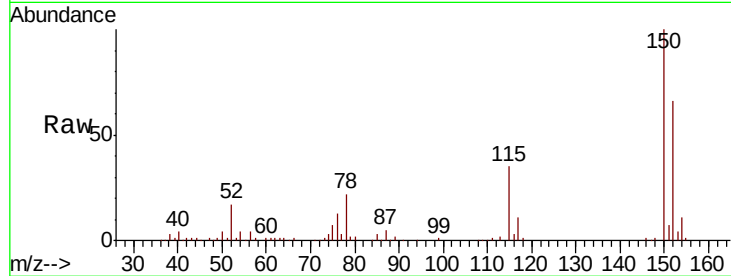
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.93 min Scan# 824
Delta R.T. -0.00 min
Lab File: BG046523.D
Acq: 3 Sep 2020 19:29

Instrument :
BNA_G
ClientSampled :
TR-05-090220MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.3	119.5	179.3
115	53.6	44.3	66.5

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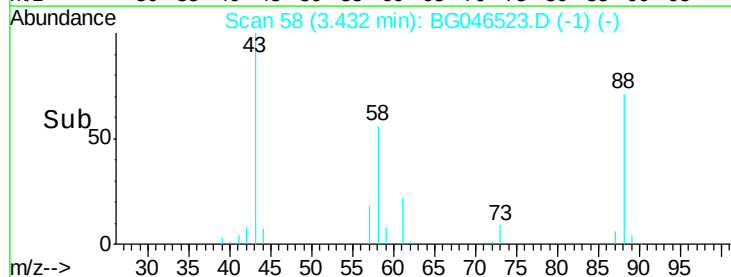
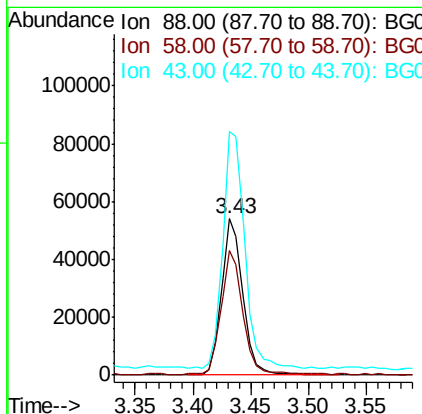
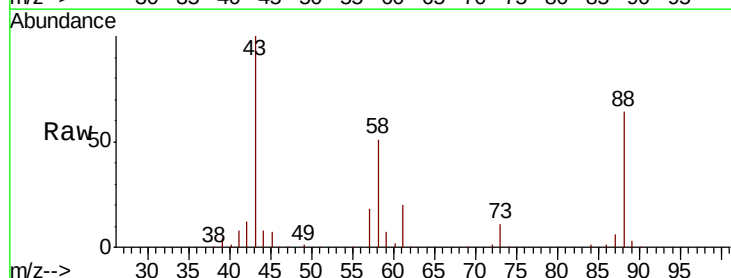
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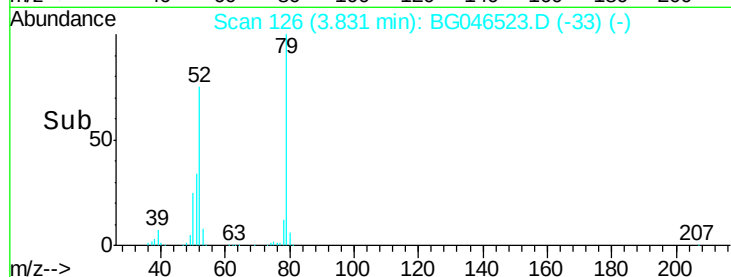
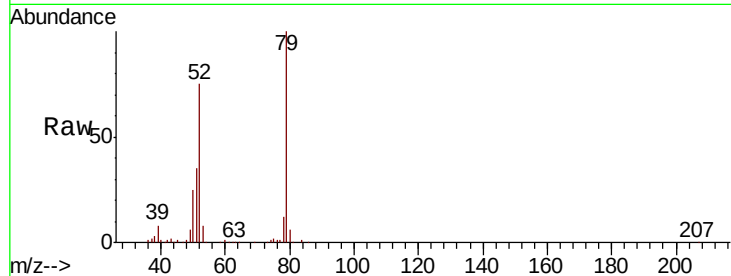
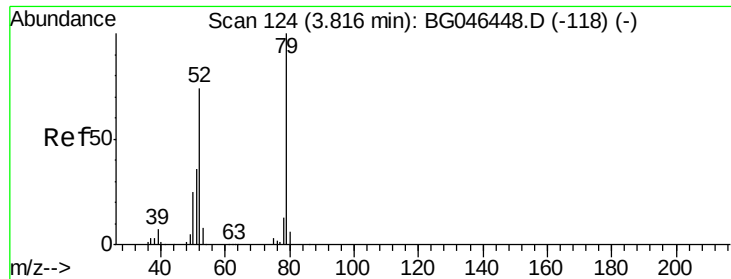


#2

1,4-Dioxane
Concen: 35.339 ng
RT: 3.43 min Scan# 58
Delta R.T. 0.01 min
Lab File: BG046523.D
Acq: 3 Sep 2020 19:29

Tgt Ion	Ratio	Lower	Upper
88	100		
58	81.3	61.4	92.2
43	153.9	21.6	32.4#





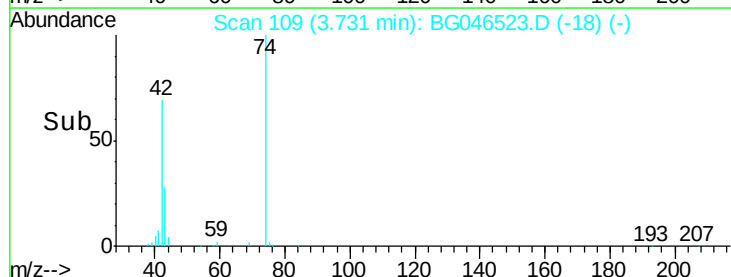
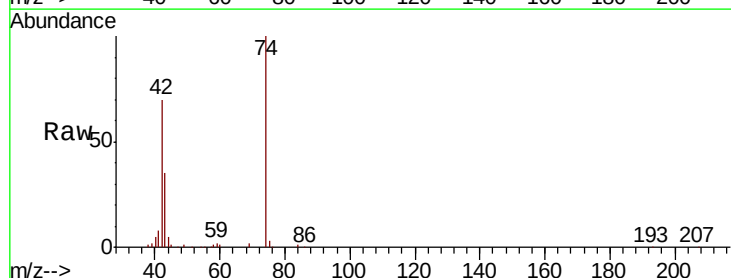
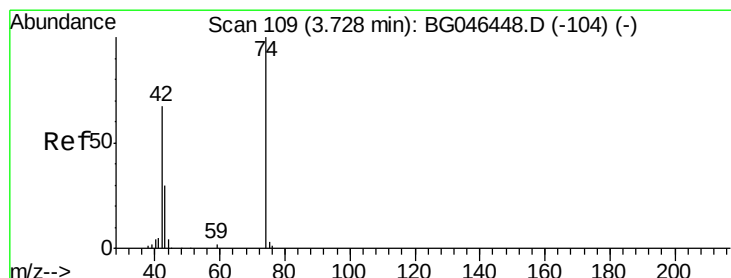
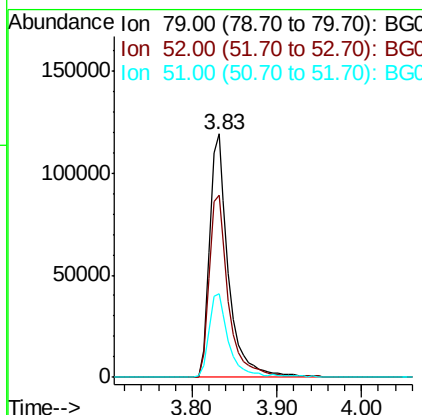
#3
 Pvridine
 Concen: 32.994 ng
 RT: 3.83 min Scan# 126
 Delta R.T. 0.02 min
 Lab File: BG046523.D
 Acq: 3 Sep 2020 19:29

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	79	100	188190		
52	52	74.8		59.1	88.7
51	51	34.6		29.0	43.6

Instrument :
 BNA_G
 ClientSampleId :
 TR-05-090220MS

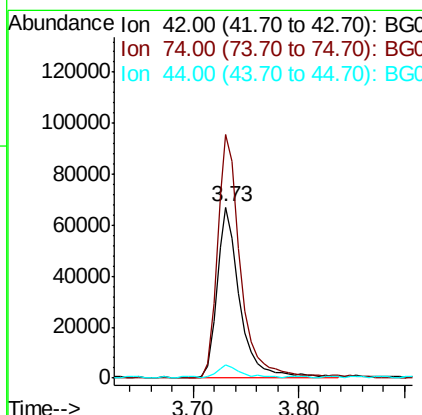
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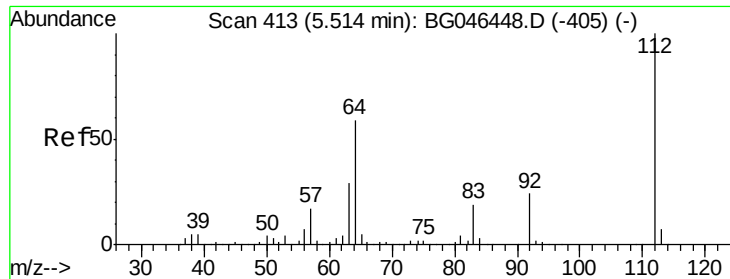
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#4
 n-Nitrosodimethylamine
 Concen: 47.475 ng
 RT: 3.73 min Scan# 109
 Delta R.T. 0.00 min
 Lab File: BG046523.D
 Acq: 3 Sep 2020 19:29

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	42	100	99873		
74	74	142.6		119.5	179.3
44	44	7.6		5.7	8.5





#5

2-Fluorophenol

Concen: 116.558 ng

RT: 5.52 min Scan# 413

Delta R.T. 0.00 min

Lab File: BG046523.D

Acq: 3 Sep 2020 19:29

Instrument :

BNA_G

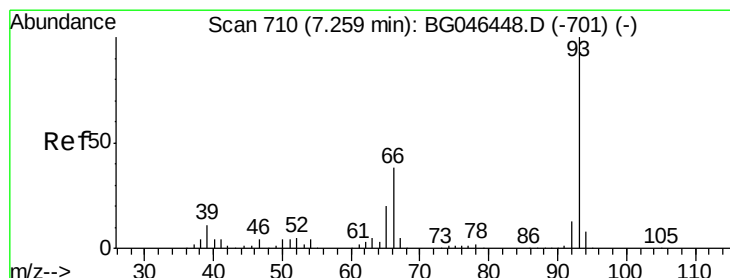
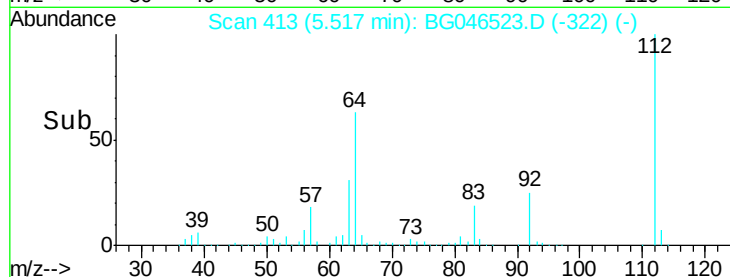
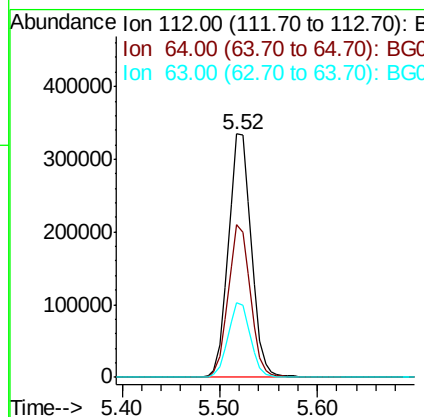
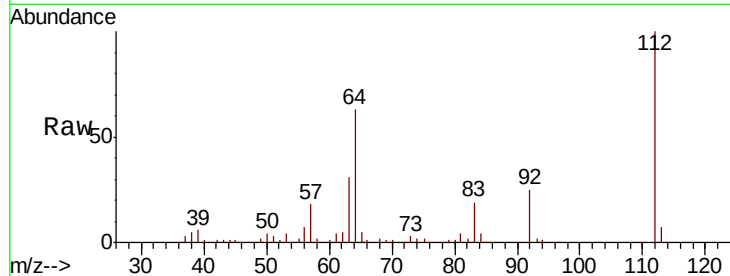
ClientSampleId :

TR-05-090220MS

Tot Ion:	112	Resp:	546171
Ion Ratio	Lower	Upper	
112	100		
64	62.6	47.0	70.6
63	30.6	23.5	35.3

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#6

Aniline

Concen: 30.381 ng

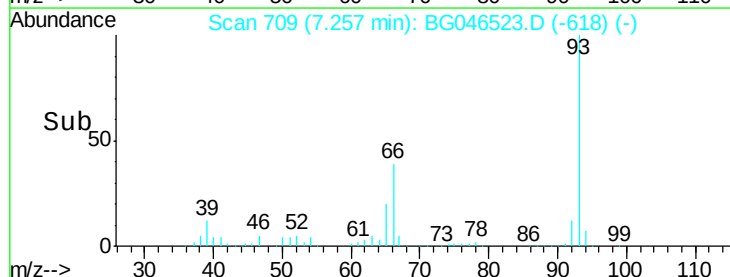
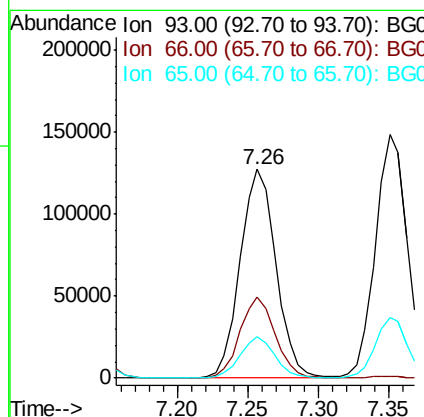
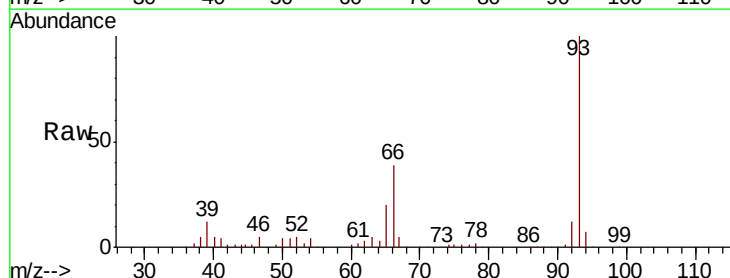
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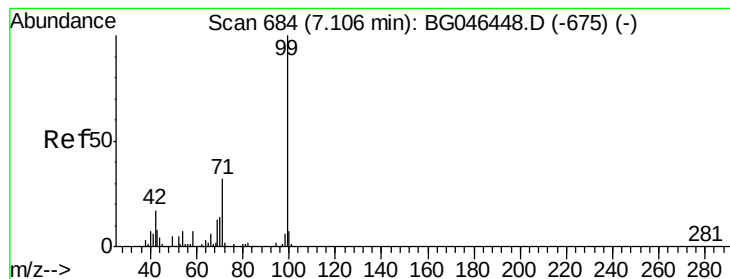
Delta R.T. 0.00 min

Lab File: BG046523.D

Acq: 3 Sep 2020 19:29

Tgt Ion:	93	Resp:	227099
Ion Ratio	Lower	Upper	
93	100		
66	38.9	30.4	45.6
65	19.5	15.8	23.6





#7

Phenol-d6

Concen: 98.790 ng

RT: 7.11 min Scan# 684

Delta R.T. 0.00 min

Lab File: BG046523.D

Acq: 3 Sep 2020 19:29

Instrument :

BNA_G

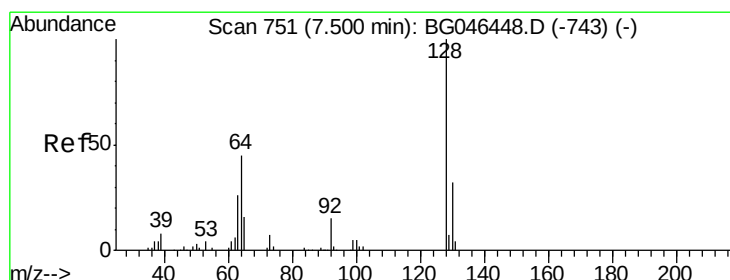
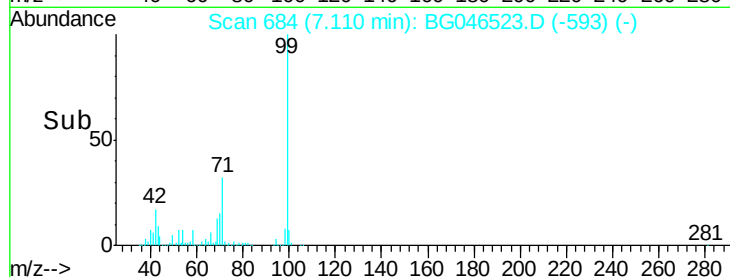
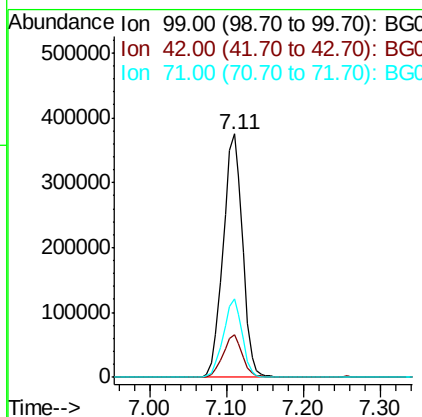
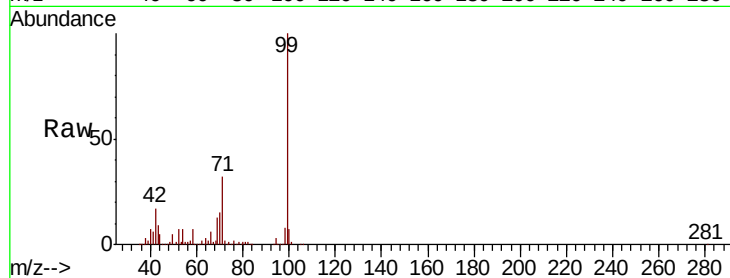
ClientSampleId :

TR-05-090220MS

Tot Ion:	99	Resp:	656227
Ion	Ratio	Lower	Upper
99	100		
42	17.4	13.3	19.9
71	32.2	25.3	37.9

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#8

2-Chlorophenol

Concen: 50.200 ng

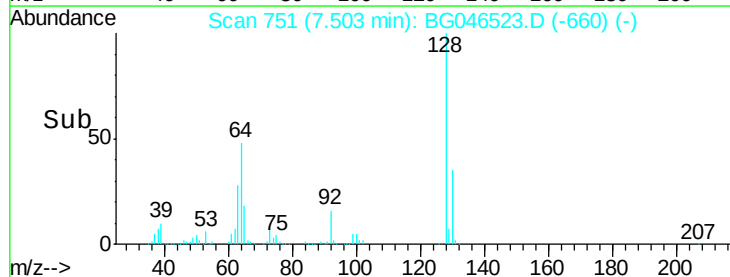
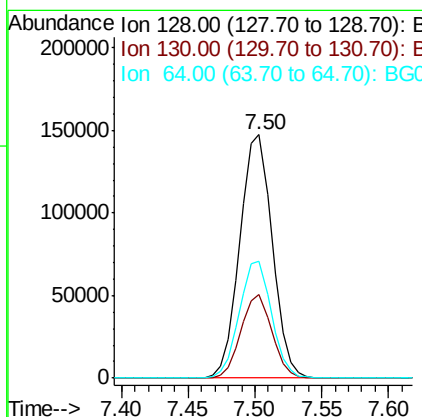
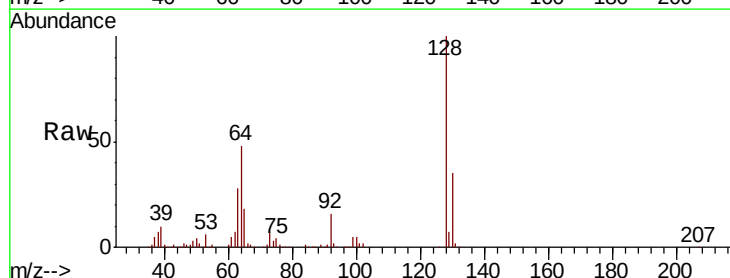
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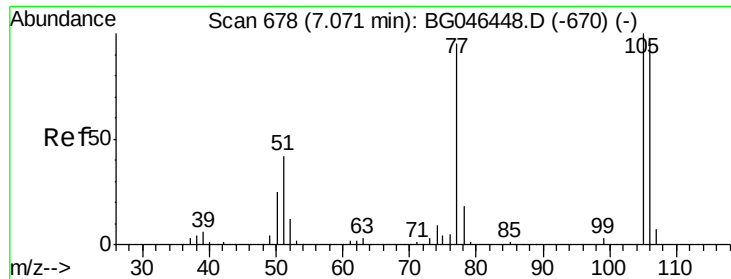
Delta R.T. 0.00 min

Lab File: BG046523.D

Acq: 3 Sep 2020 19:29

Tgt Ion:	128	Resp:	248618
Ion	Ratio	Lower	Upper
128	100		
130	34.5	12.4	52.4
64	47.9	28.1	68.1





#9

Benzaldehyde

Concen: 37.666 ng

RT: 7.07 min Scan# 677

Delta R.T. 0.00 min

Lab File: BG046523.D

Acq: 3 Sep 2020 19:29

Instrument :

BNA_G

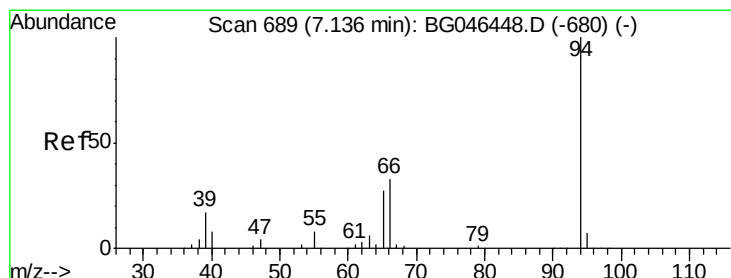
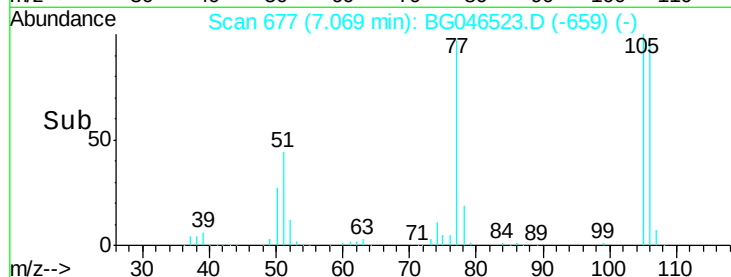
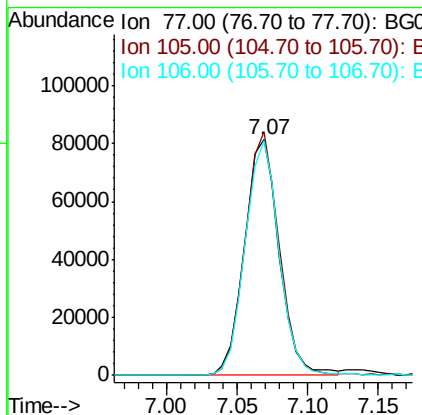
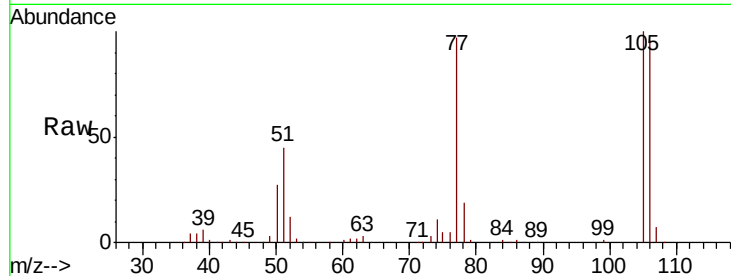
ClientSampleId :

TR-05-090220MS

Tot Ion:	77	Resp:	140180
Ion	Ratio	Lower	Upper
77	100		
105	103.2	85.6	125.6
106	99.3	80.8	120.8

Manual Integrations
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#10

Phenol

Concen: 43.254 ng

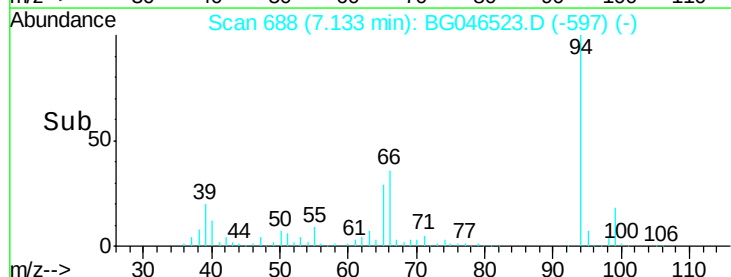
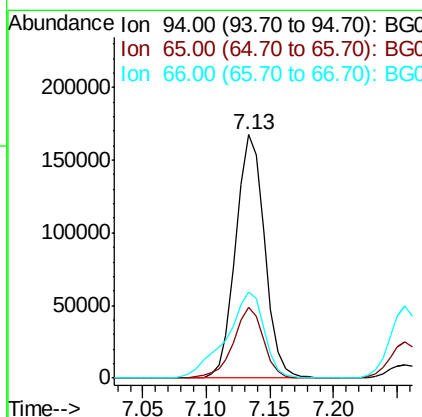
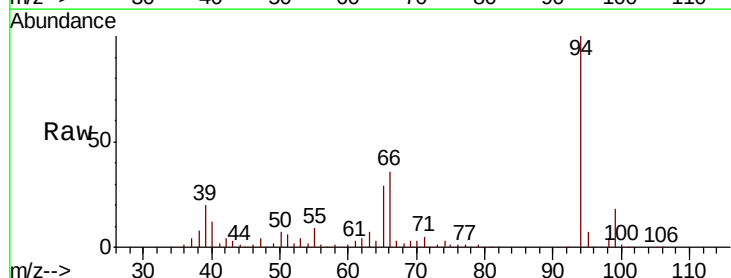
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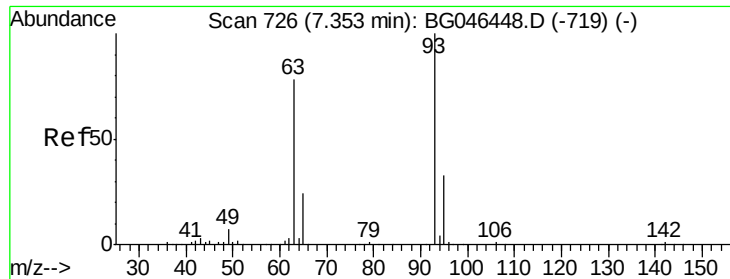
Delta R.T. 0.00 min

Lab File: BG046523.D

Acq: 3 Sep 2020 19:29

Tgt Ion:	94	Resp:	264641
Ion	Ratio	Lower	Upper
94	100		
65	29.1	7.5	47.5
66	35.6	14.1	54.1





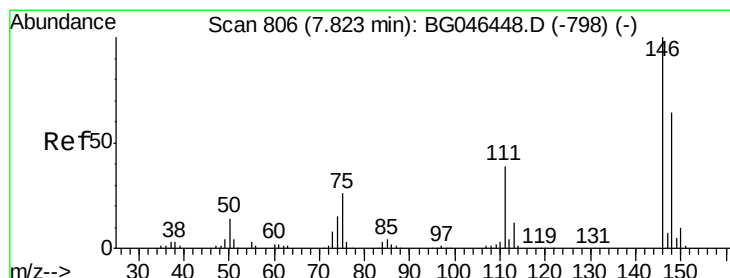
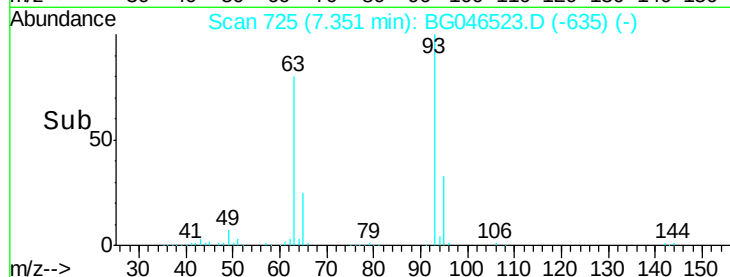
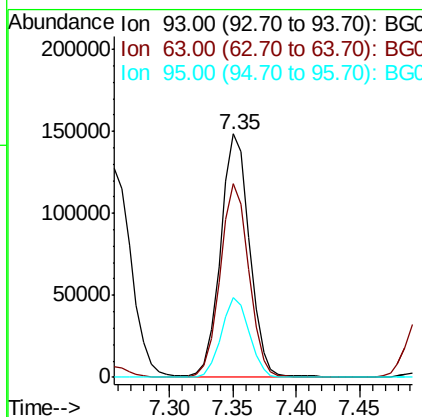
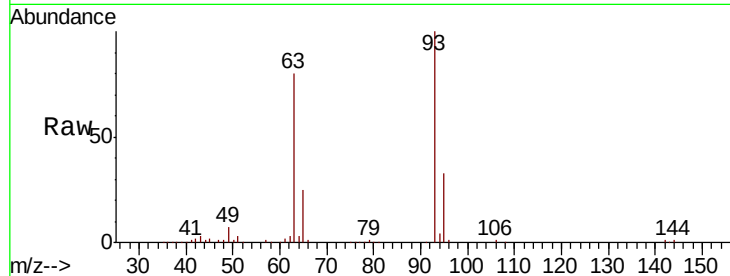
#11
bis(2-Chloroethyl)ether
Concen: 47.375 ng
RT: 7.35 min Scan# 725
Delta R.T. -0.00 min
Lab File: BG046523.D
Acq: 3 Sep 2020 19:29

Instrument :
BNA_G
ClientSampleId :
TR-05-090220MS

Tot Ion:	93	Resp:	232983
Ion	Ratio	Lower	Upper
93	100		
63	79.7	57.7	97.7
95	32.8	12.3	52.3

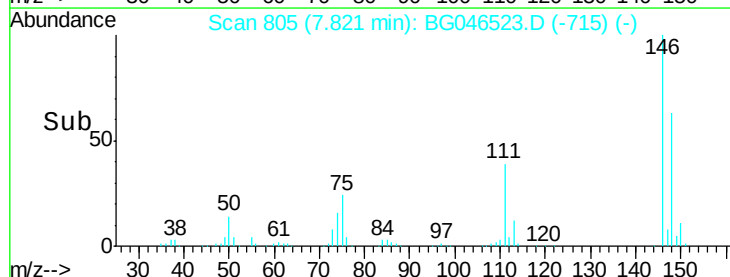
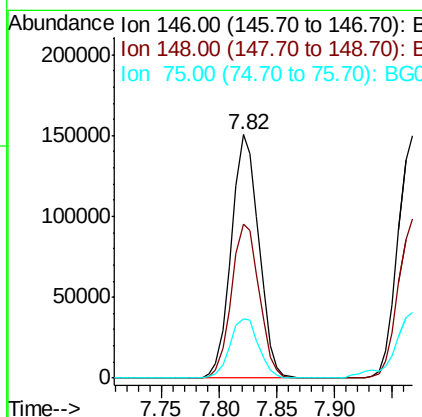
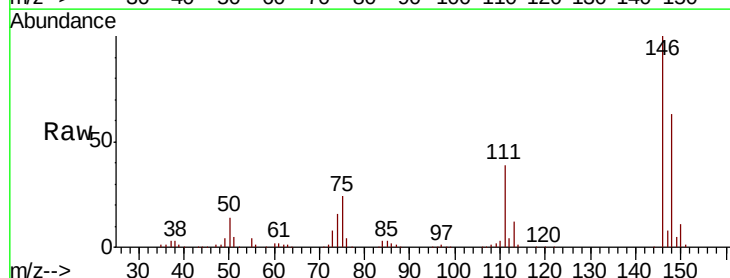
Manual Integrations
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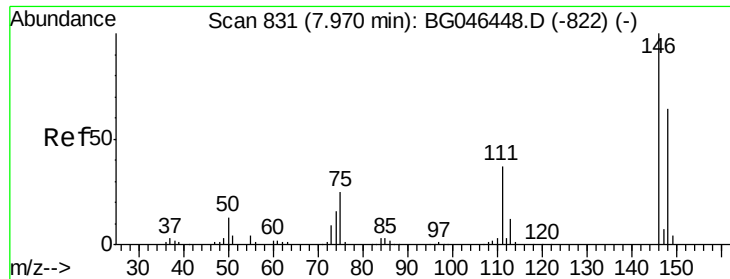
mohammad
9/4/2020 1:54:54 PM



#12
1,3-Dichlorobenzene
Concen: 39.404 ng
RT: 7.82 min Scan# 805
Delta R.T. -0.00 min
Lab File: BG046523.D
Acq: 3 Sep 2020 19:29

Tgt Ion:	146	Resp:	247761
Ion	Ratio	Lower	Upper
146	100		
148	63.4	51.4	77.0
75	24.5	20.7	31.1





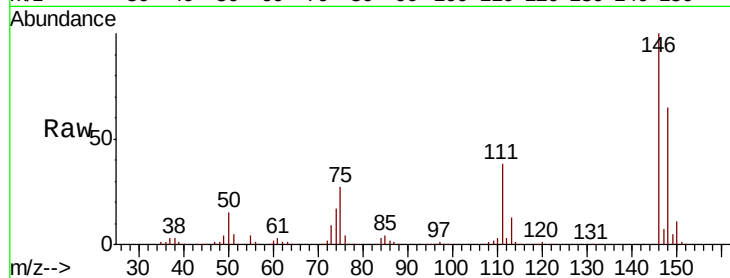
#13
 1,4-Dichlorobenzene
 Concen: 39.636 ng
 RT: 7.97 min Scan# 830
 Delta R.T. -0.00 min
 Lab File: BG046523.D
 Acq: 3 Sep 2020 19:29

Instrument :
 BNA_G
 ClientSampleId :
 TR-05-090220MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.3	50.9	76.3
111	37.8	29.8	44.6

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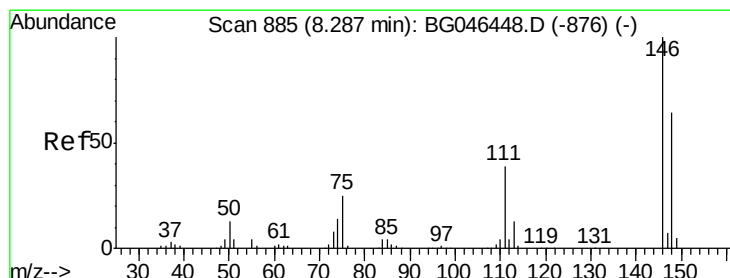
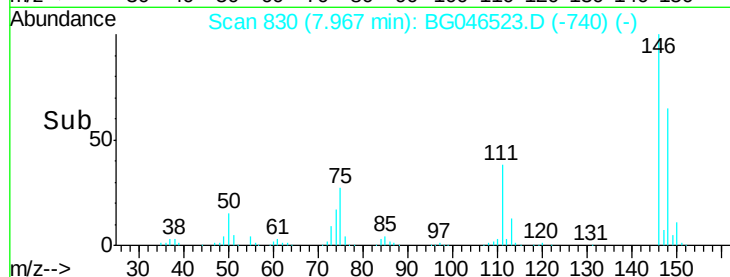
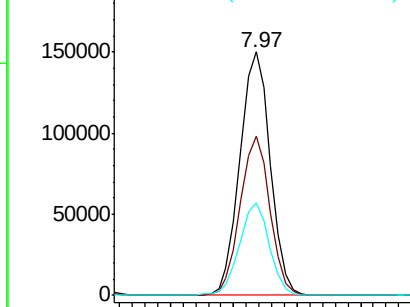


Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 40.530 ng
 RT: 8.28 min Scan# 884
 Delta R.T. -0.00 min
 Lab File: BG046523.D
 Acq: 3 Sep 2020 19:29

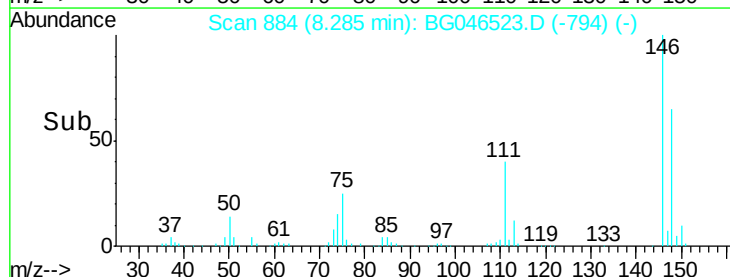
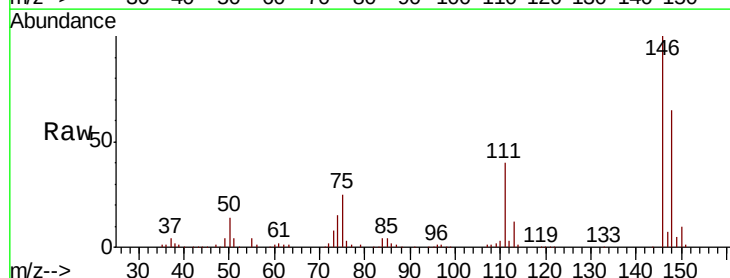
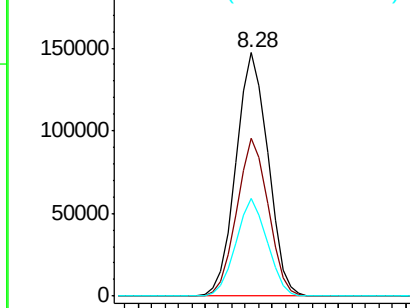
Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.9	51.4	77.0
111	40.2	31.4	47.2

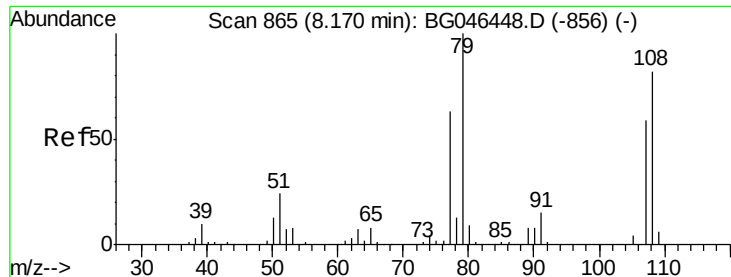
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 51.509 ng

RT: 8.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: BG046523.D

Acq: 3 Sep 2020 19:29

Instrument :

BNA_G

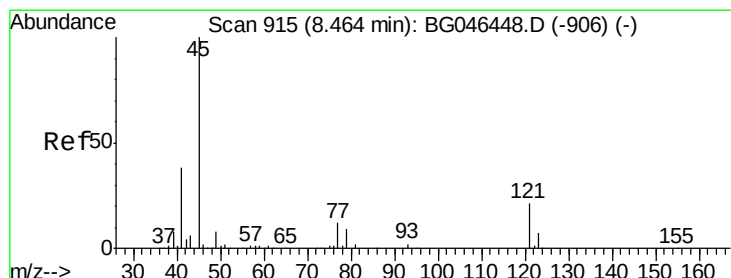
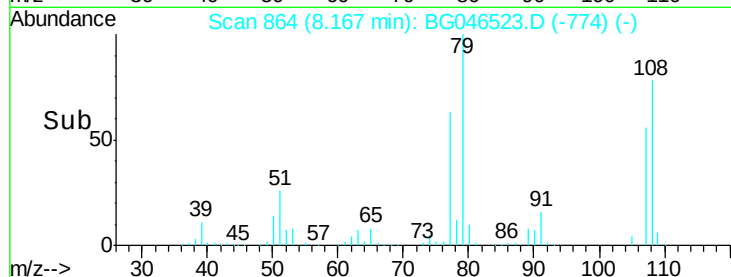
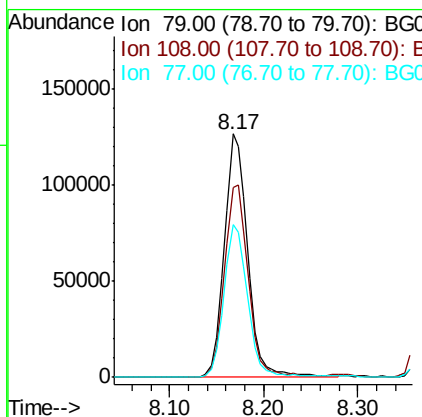
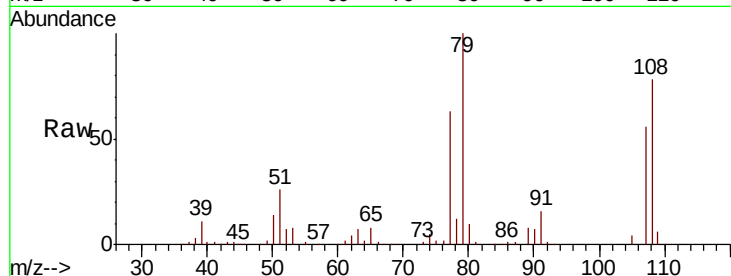
ClientSampleId :

TR-05-090220MS

Tot Ion:	79	Resp:	219672
Ion	Ratio	Lower	Upper
79	100		
108	77.8	65.7	98.5
77	62.5	50.3	75.5

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#16

2,2'-oxybis(1-chloropropane)

Concen: 46.012 ng

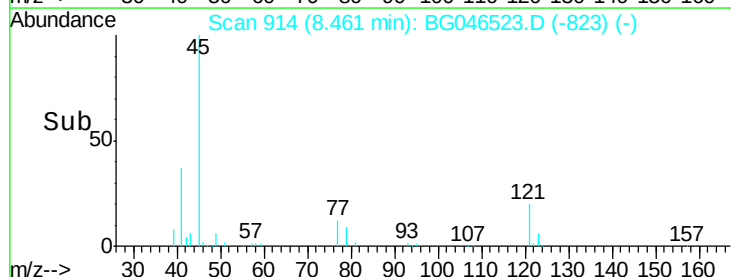
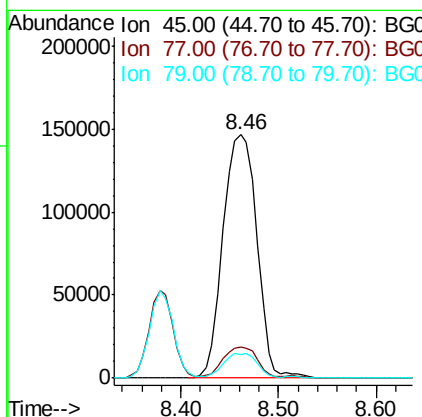
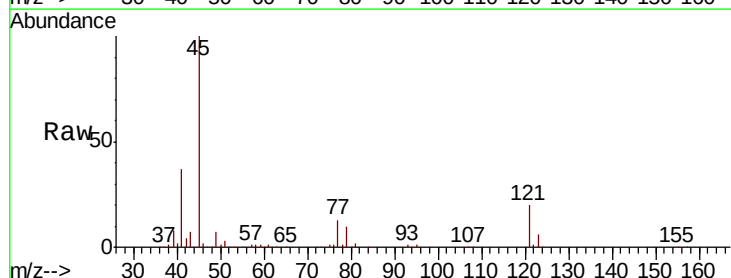
RT: 8.46 min Scan# 914

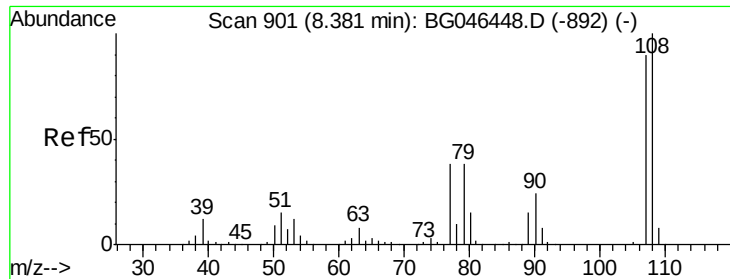
Delta R.T. 0.00 min

Lab File: BG046523.D

Acq: 3 Sep 2020 19:29

Tgt Ion:	45	Resp:	350990
Ion	Ratio	Lower	Upper
45	100		
77	12.8	0.0	33.2
79	9.6	0.0	30.3





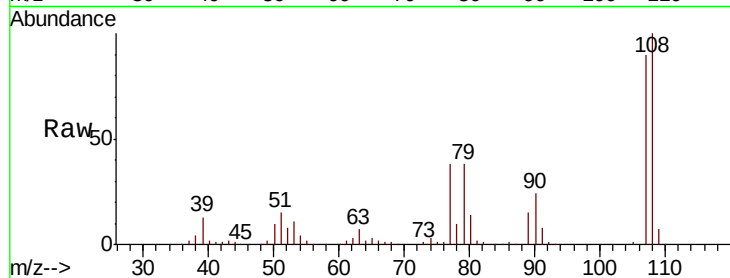
#17
2-Methylphenol
Concen: 49.051 ng
RT: 8.38 min Scan# 900
Delta R.T. 0.00 min
Lab File: BG046523.D
Acq: 3 Sep 2020 19:29

Instrument :
BNA_G
ClientSampleId :
TR-05-090220MS

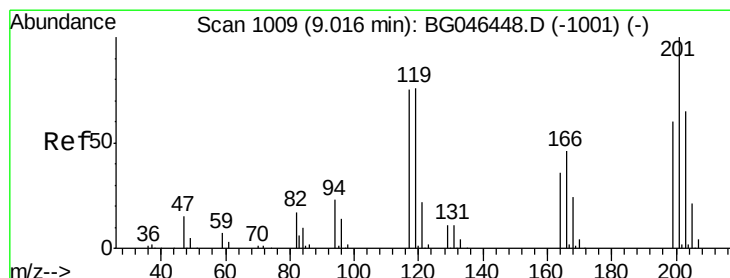
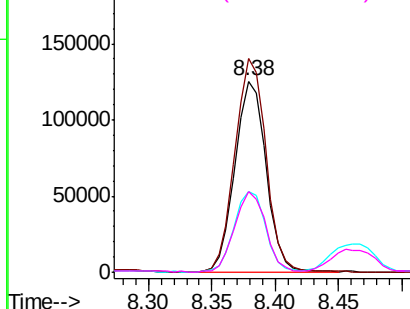
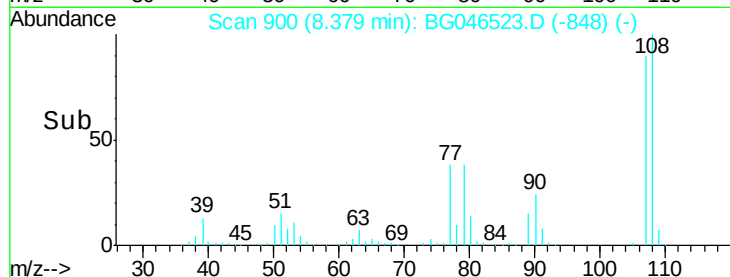
Tot Ion	Ratio	Lower	Upper
107	100		
108	111.6	89.4	134.0
77	42.2	34.5	51.7
79	42.2	33.8	50.6

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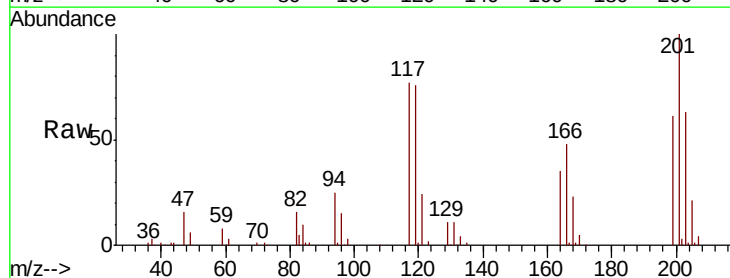


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

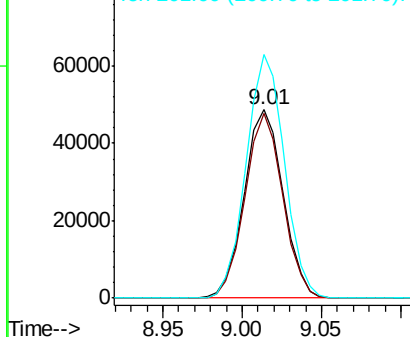
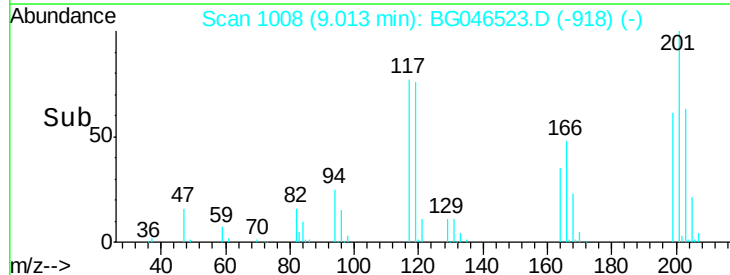


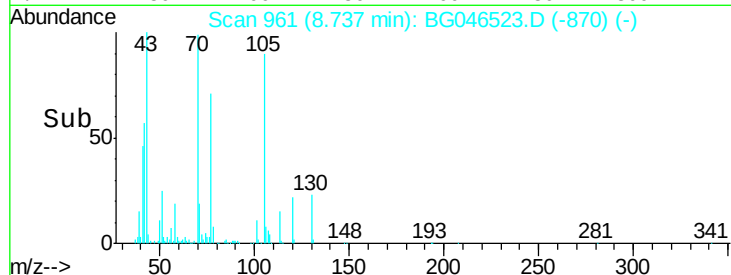
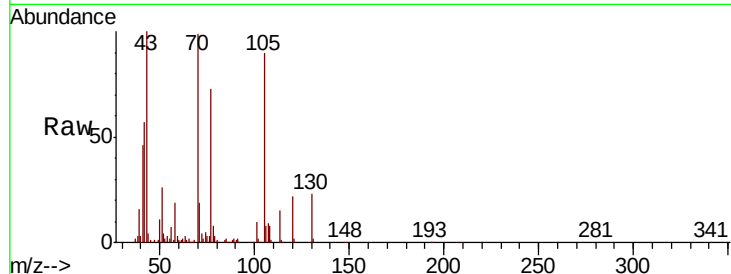
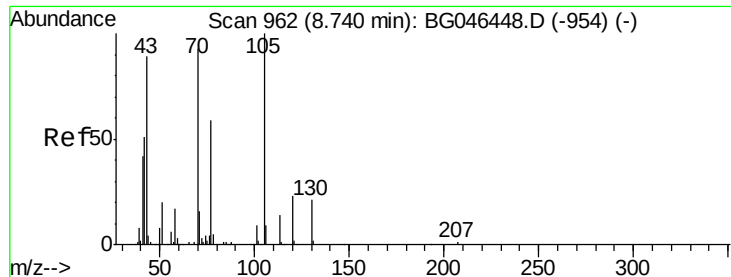
#18
Hexachloroethane
Concen: 38.906 ng
RT: 9.01 min Scan# 1008
Delta R.T. -0.00 min
Lab File: BG046523.D
Acq: 3 Sep 2020 19:29

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.1	80.8	121.2
201	129.5	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





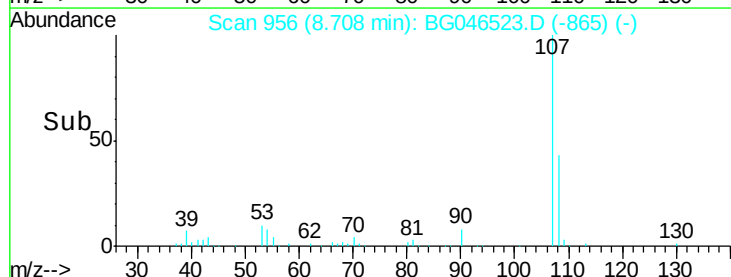
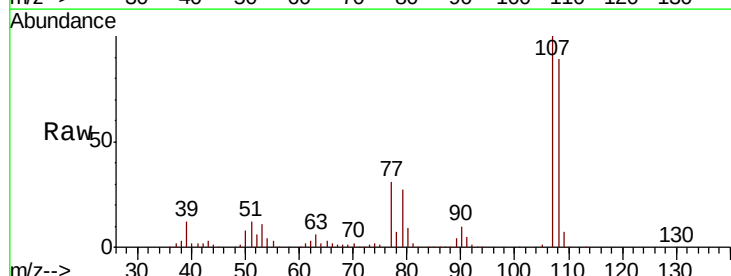
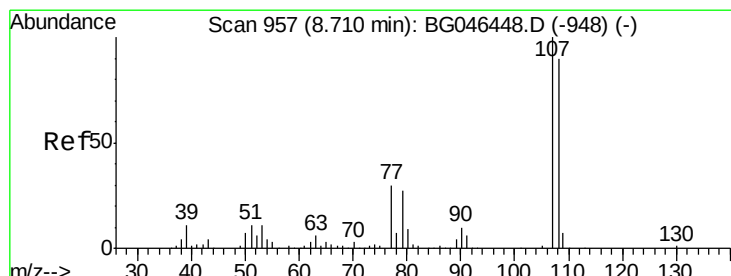
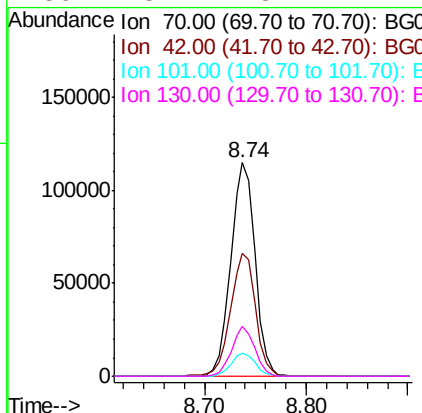
#19
n-Nitroso-di-n-propylamine
Concen: 47.858 ng
RT: 8.74 min Scan# 961
Delta R.T. 0.00 min
Lab File: BG046523.D
Acq: 3 Sep 2020 19:29

Instrument :
BNA_G
ClientSampleId :
TR-05-090220MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		190160		
42	57.7	44.2	66.2		
101	10.6	7.8	11.8		
130	23.2	18.2	27.4		

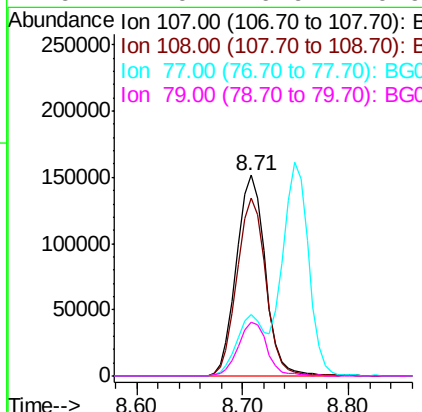
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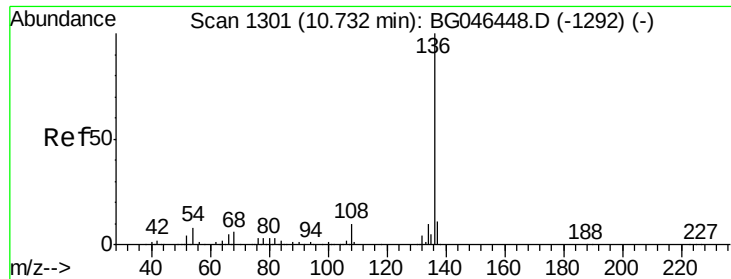
mohammad
9/4/2020 1:54:54 PM



#20
3+4-Methylphenols
Concen: 47.957 ng
RT: 8.71 min Scan# 956
Delta R.T. 0.00 min
Lab File: BG046523.D
Acq: 3 Sep 2020 19:29

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		287213		
108	88.8	69.7	109.7		
77	30.5	9.7	49.7		
79	27.0	6.9	46.9		





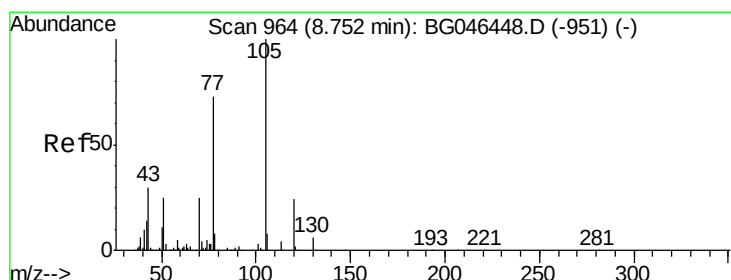
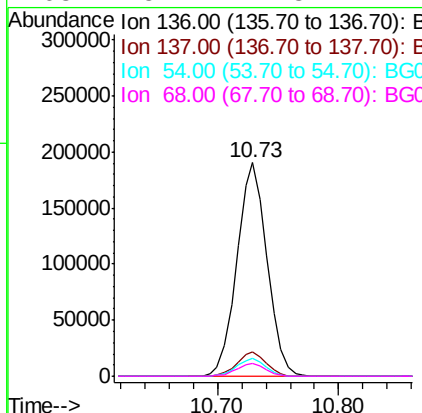
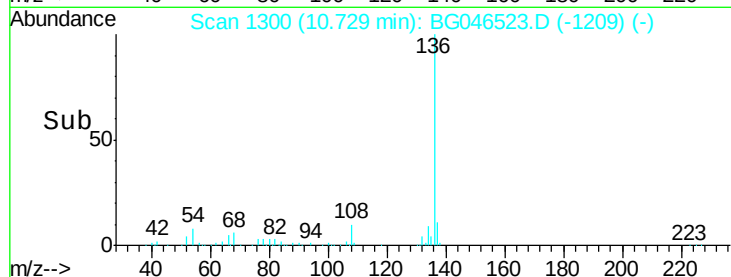
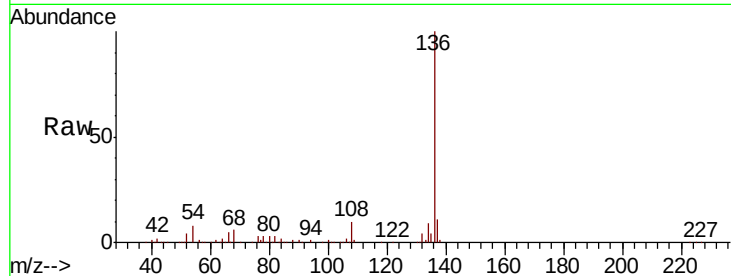
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.73 min Scan# 1300
Delta R.T. 0.00 min
Lab File: BG046523.D
Acq: 3 Sep 2020 19:29

Instrument :
BNA_G
ClientSampleId :
TR-05-090220MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	329064		
137	11.3		8.8	13.2
54	8.1		6.1	9.1
68	5.7		4.8	7.2

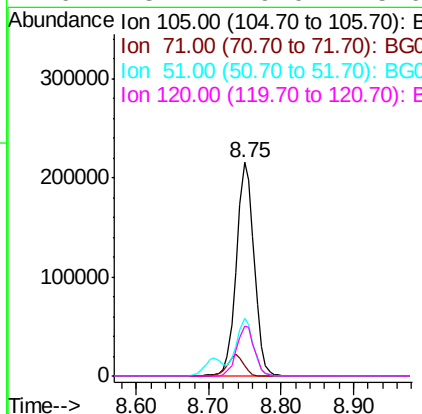
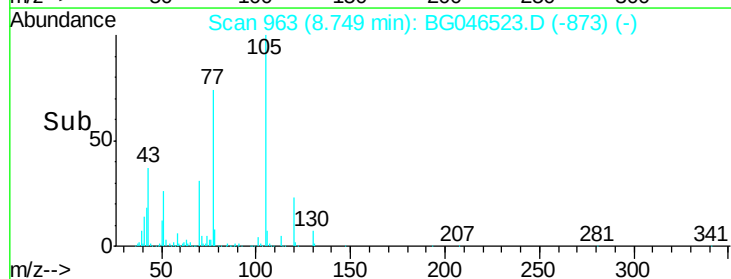
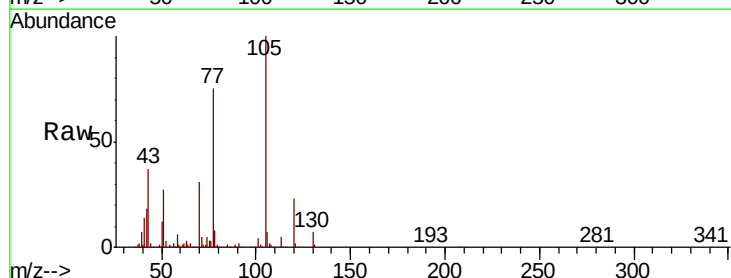
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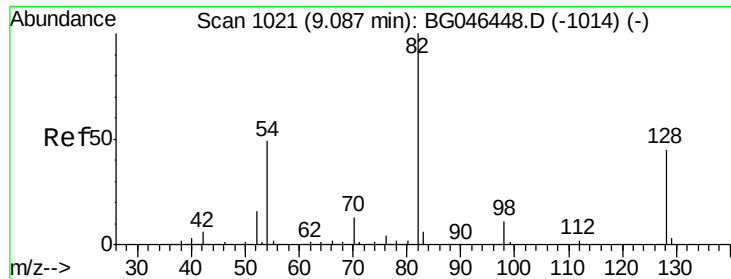
mohammad
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#22
Acetophenone
Concen: 45.768 ng
RT: 8.75 min Scan# 963
Delta R.T. -0.00 min
Lab File: BG046523.D
Acq: 3 Sep 2020 19:29

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	366603		
71	5.1		3.3	4.9#
51	26.8		20.6	31.0
120	23.4		19.0	28.6





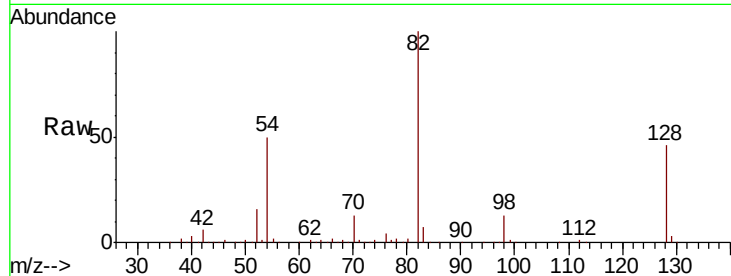
#23
 Nitrobenzene-d5
 Concen: 86.935 ng
 RT: 9.09 min Scan# 1021
 Delta R.T. 0.00 min
 Lab File: BG046523.D
 Acq: 3 Sep 2020 19:29

Instrument :
 BNA_G
 ClientSampleId :
 TR-05-090220MS

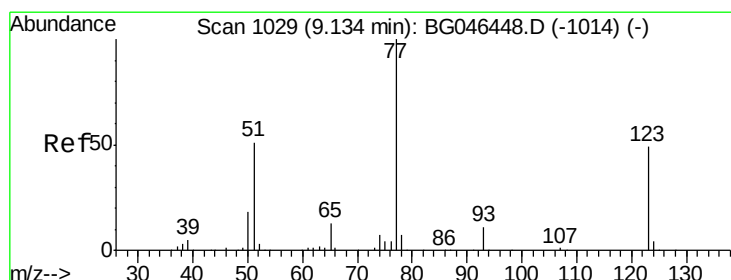
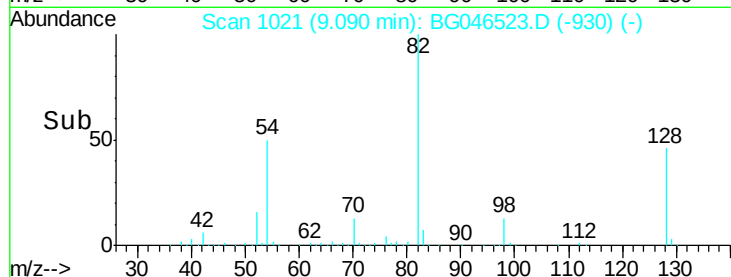
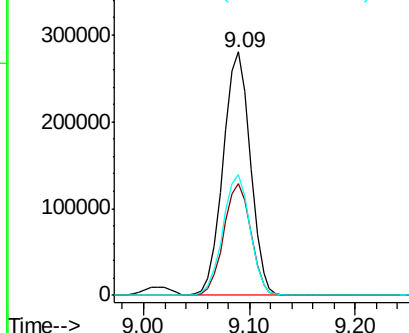
Tot Ion	Ratio	Resp	Lower	Upper
82	100	500516		
128	46.0		35.7	53.5
54	49.8		39.4	59.0

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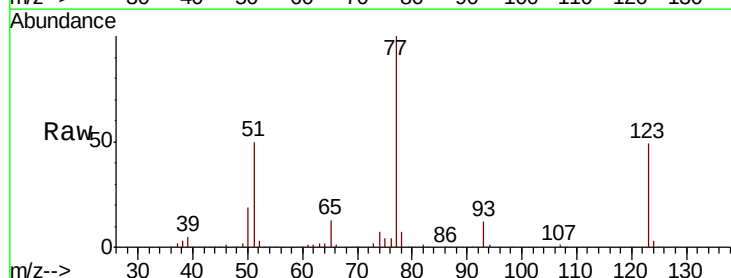


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

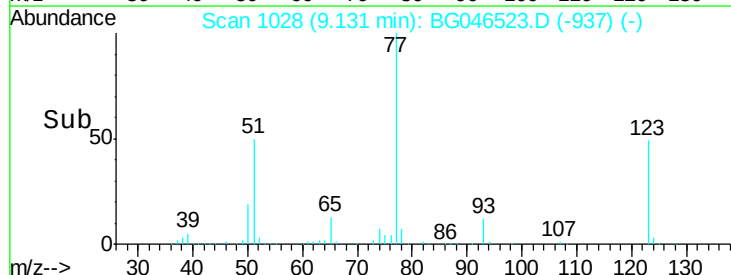
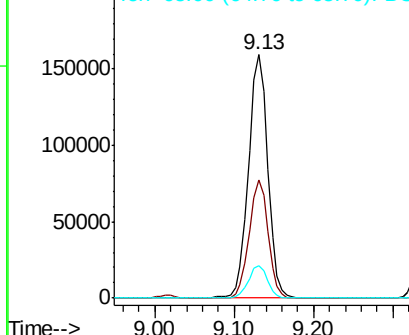


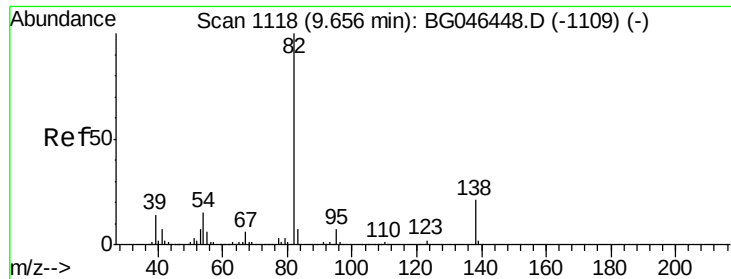
#24
 Nitrobenzene
 Concen: 47.697 ng
 RT: 9.13 min Scan# 1028
 Delta R.T. 0.00 min
 Lab File: BG046523.D
 Acq: 3 Sep 2020 19:29

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	271297		
123	48.7		39.6	59.4
65	13.4		10.1	15.1



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





#25

Isophorone

Concen: 49.375 ng

RT: 9.65 min Scan# 1117

Delta R.T. 0.00 min

Lab File: BG046523.D

Acq: 3 Sep 2020 19:29

Instrument :

BNA_G

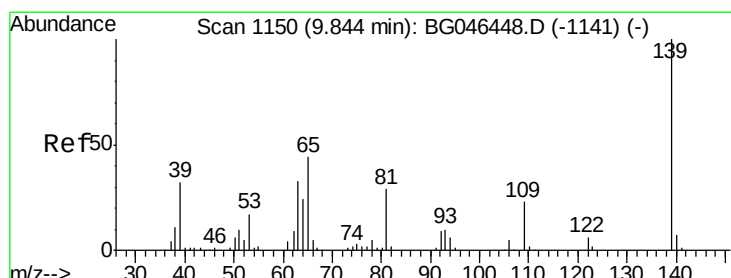
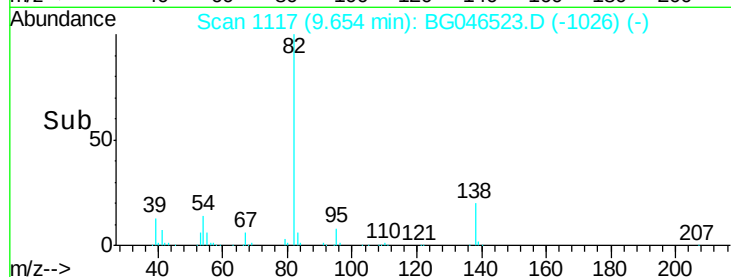
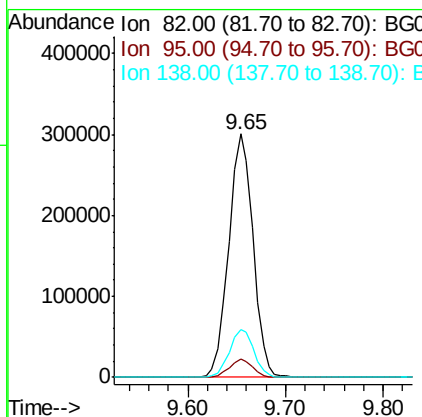
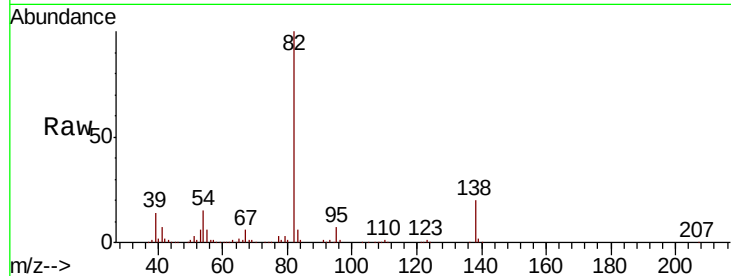
ClientSampleId :

TR-05-090220MS

Tot Ion	82	Resp	521169
Ion	Ratio	Lower	Upper
82	100		
95	7.3	5.8	8.6
138	19.8	16.4	24.6

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#26

2-Nitrophenol

Concen: 49.589 ng

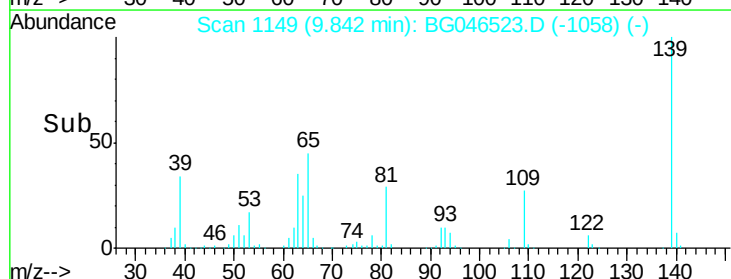
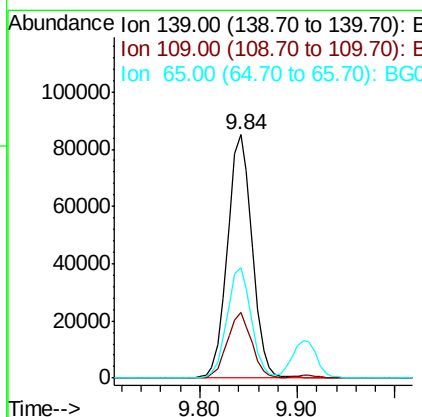
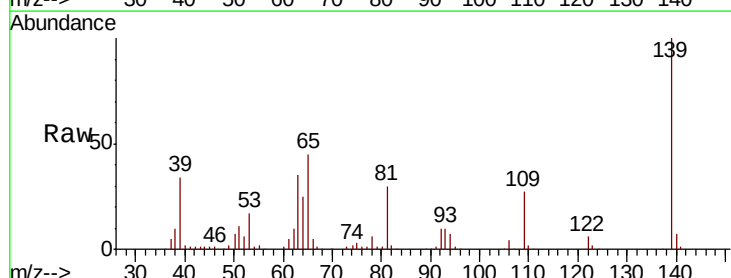
RT: 9.84 min Scan# 1149

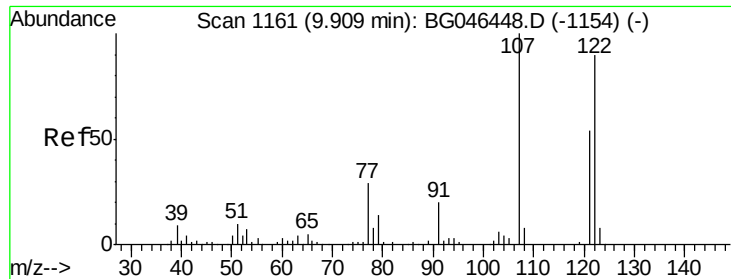
Delta R.T. 0.00 min

Lab File: BG046523.D

Acq: 3 Sep 2020 19:29

Tgt Ion	139	Resp	148818
Ion	Ratio	Lower	Upper
139	100		
109	26.8	18.8	28.2
65	45.2	35.0	52.6





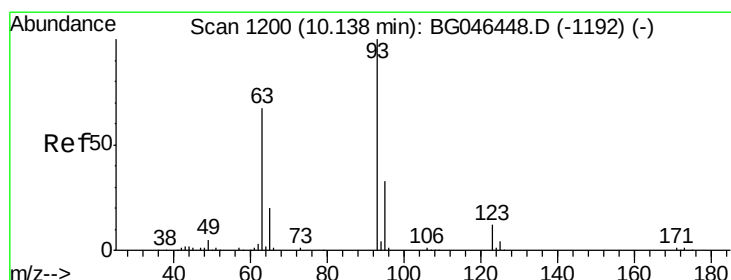
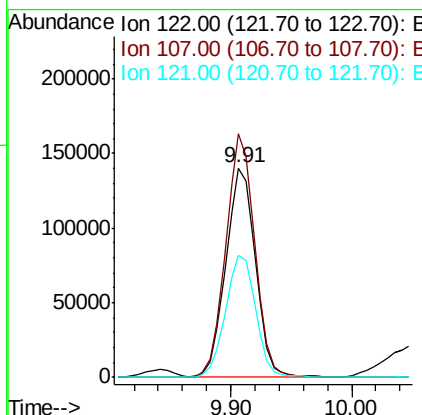
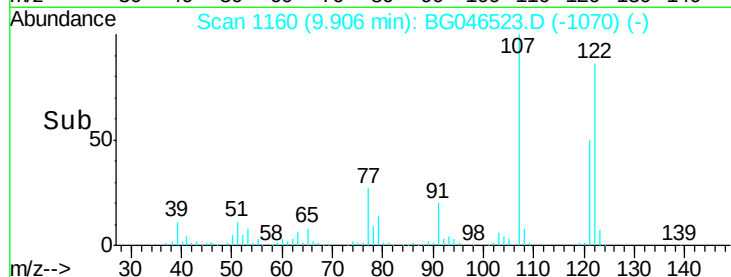
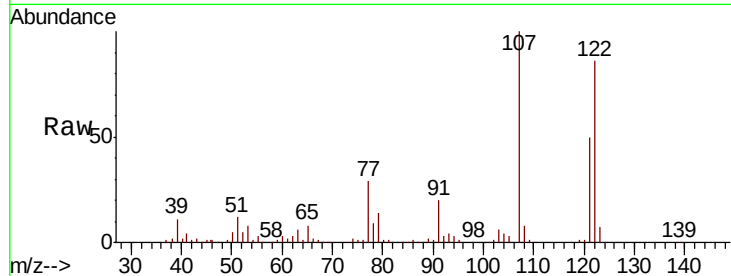
#27
 2,4-Dimethylphenol
 Concen: 57.695 ng
 RT: 9.91 min Scan# 1160
 Delta R.T. -0.00 min
 Lab File: BG046523.D
 Acq: 3 Sep 2020 19:29

Instrument :
 BNA_G
 ClientSampleId :
 TR-05-090220MS

Tot Ion:	122	Resp:	238140
Ion Ratio	Lower	Upper	
122	100		
107	116.4	88.2	132.2
121	58.6	47.4	71.0

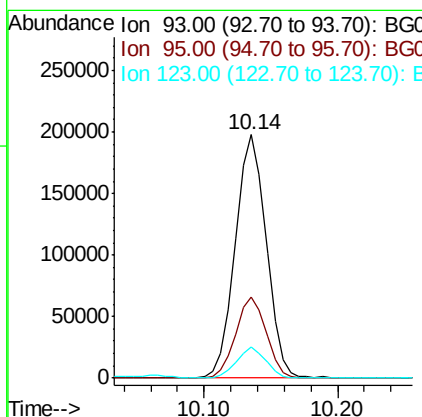
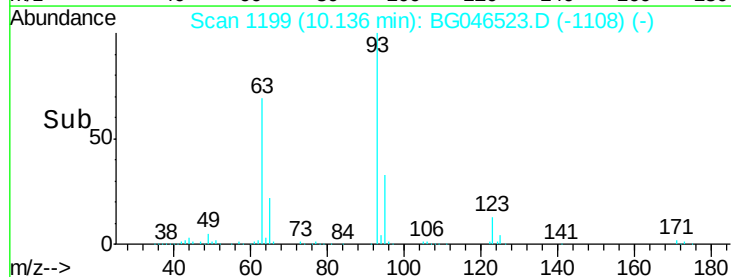
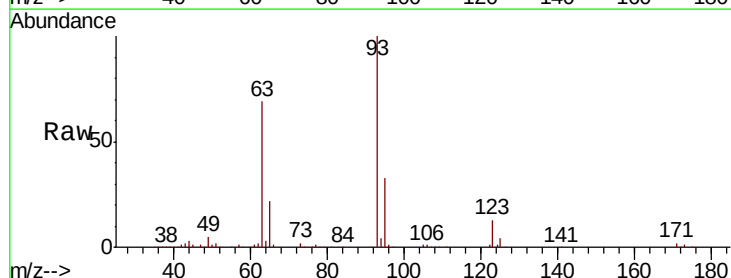
Manual Integrations
 APPROVED

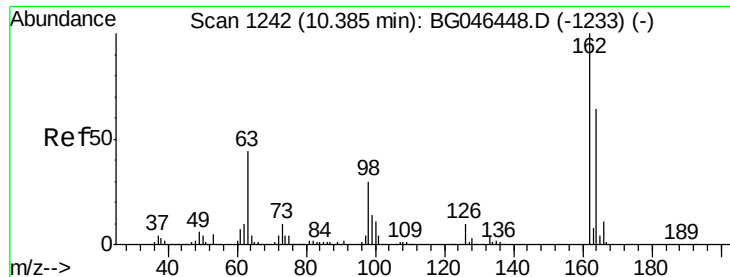
mohammad
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#28
 bis(2-Chloroethoxy)methane
 Concen: 46.917 ng
 RT: 10.14 min Scan# 1199
 Delta R.T. 0.00 min
 Lab File: BG046523.D
 Acq: 3 Sep 2020 19:29

Tgt Ion:	93	Resp:	318749
Ion Ratio	Lower	Upper	
93	100		
95	33.2	26.1	39.1
123	12.9	9.5	14.3





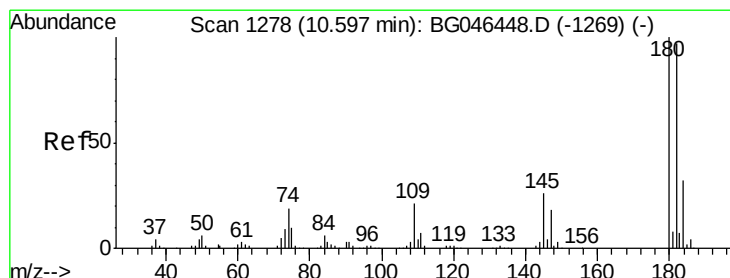
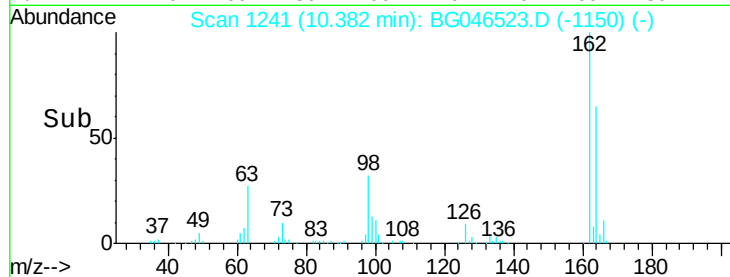
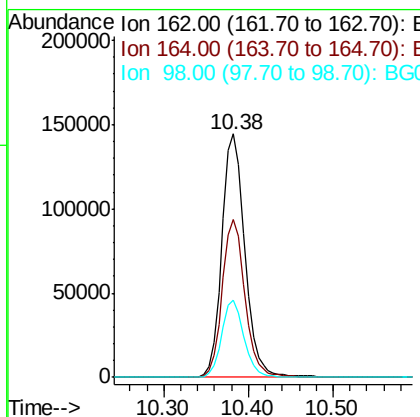
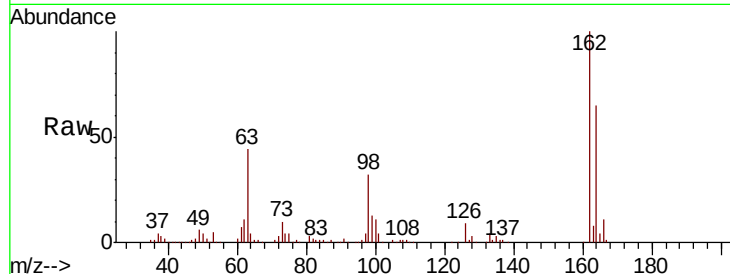
#29
 2,4-Dichlorophenol
 Concen: 49.572 ng
 RT: 10.38 min Scan# 1241
 Delta R.T. 0.00 min
 Lab File: BG046523.D
 Acq: 3 Sep 2020 19:29

Instrument :
 BNA_G
 ClientSampleId :
 TR-05-090220MS

Tot Ion:	162	Resp:	272767
Ion Ratio	Lower	Upper	
162	100		
164	65.0	44.3	84.3
98	31.7	10.0	50.0

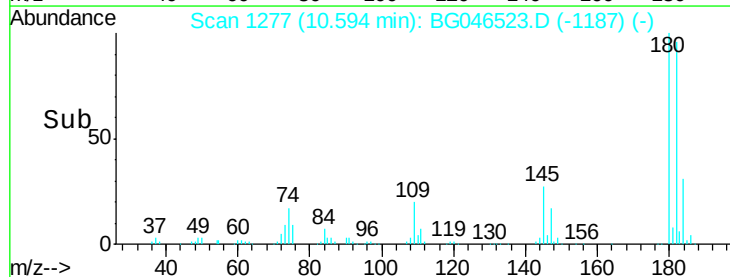
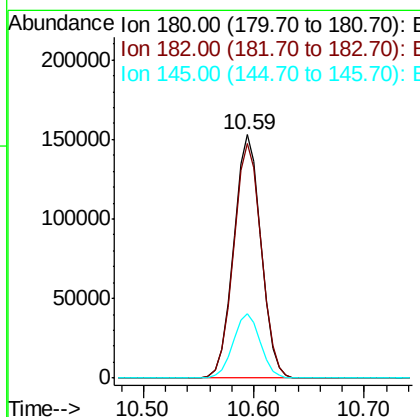
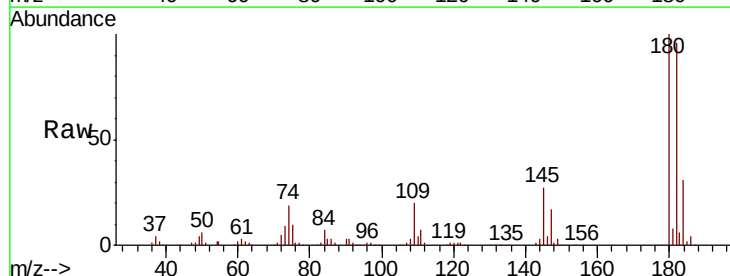
Manual Integrations
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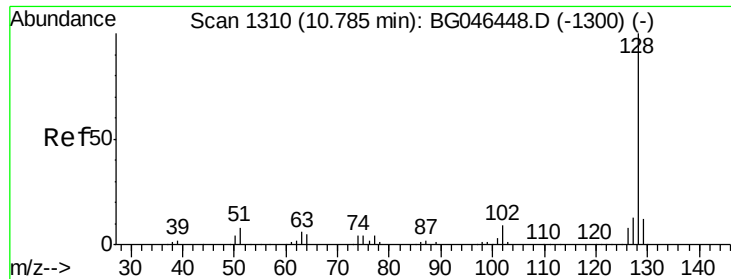
mohammad
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#30
 1,2,4-Trichlorobenzene
 Concen: 40.583 ng
 RT: 10.59 min Scan# 1277
 Delta R.T. -0.00 min
 Lab File: BG046523.D
 Acq: 3 Sep 2020 19:29

Tgt Ion:	180	Resp:	264950
Ion Ratio	Lower	Upper	
180	100		
182	96.3	77.8	116.8
145	26.6	20.9	31.3





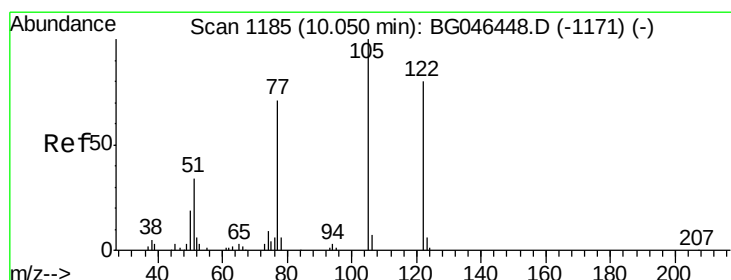
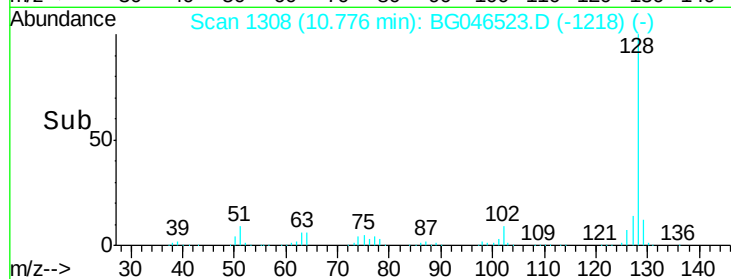
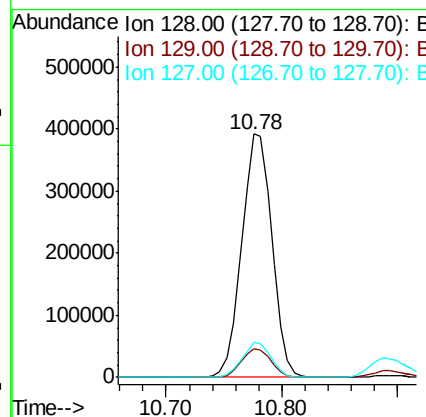
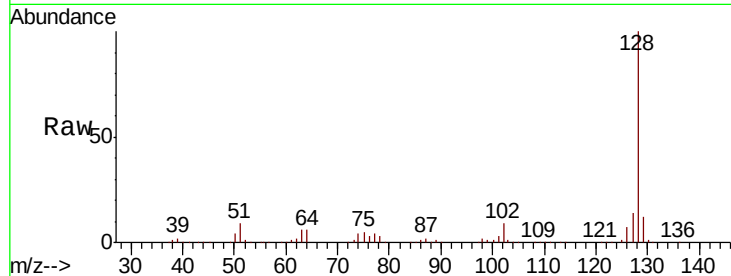
#31
Naphthalene
Concen: 44.169 ng
RT: 10.78 min Scan# 1308
Delta R.T. -0.00 min
Lab File: BG046523.D
Acq: 3 Sep 2020 19:29

Instrument :
BNA_G
ClientSampleId :
TR-05-090220MS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.8	9.2	13.8
127	14.1	10.7	16.1

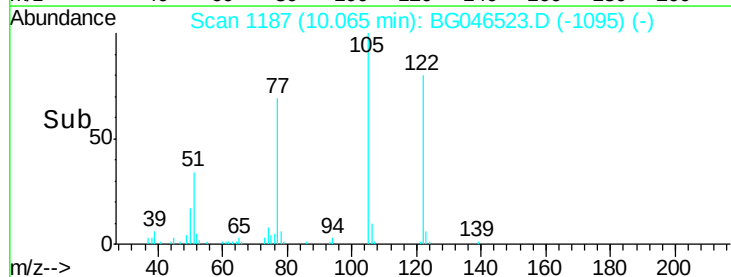
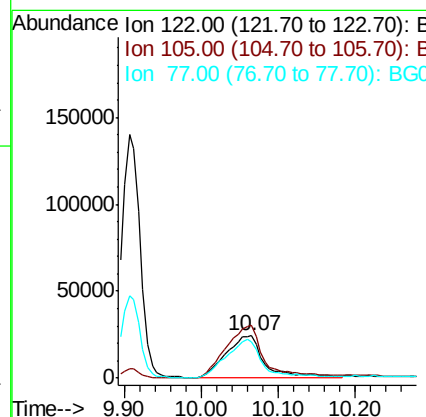
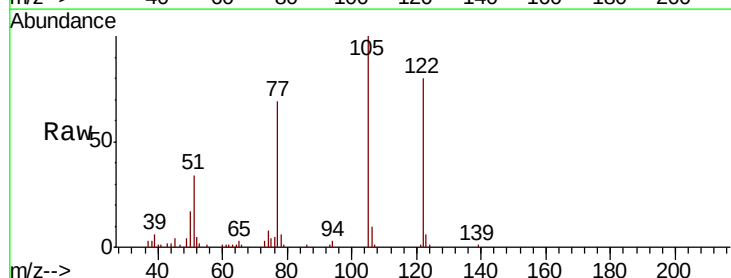
Manual Integrations
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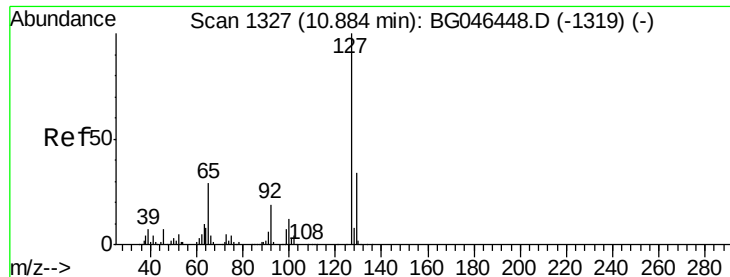
mohammad
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#32
Benzoic acid
Concen: 31.531 ng
RT: 10.07 min Scan# 1187
Delta R.T. 0.01 min
Lab File: BG046523.D
Acq: 3 Sep 2020 19:29

Tgt Ion	Ratio	Lower	Upper
122	100		
105	124.6	102.5	142.5
77	86.5	68.2	108.2





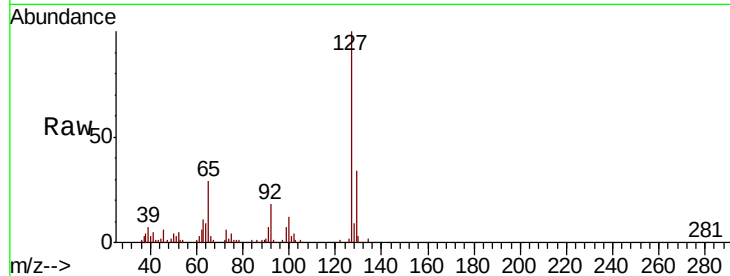
#33
4-Chloroaniline
Concen: 10.512 ng
RT: 10.89 min Scan# 1327
Delta R.T. 0.00 min
Lab File: BG046523.D
Acq: 3 Sep 2020 19:29

Instrument :
BNA_G
ClientSampleId :
TR-05-090220MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		74474		
129	34.3	27.0	40.4		
65	29.5	23.5	35.3		
92	18.0	14.9	22.3		

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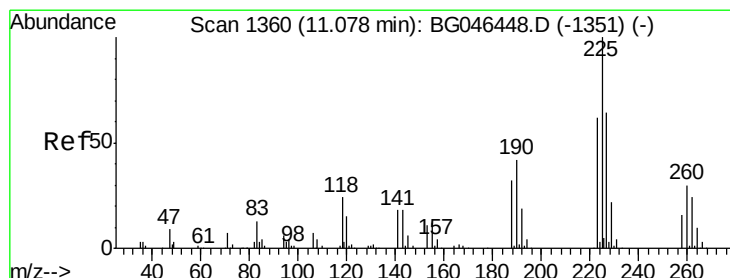
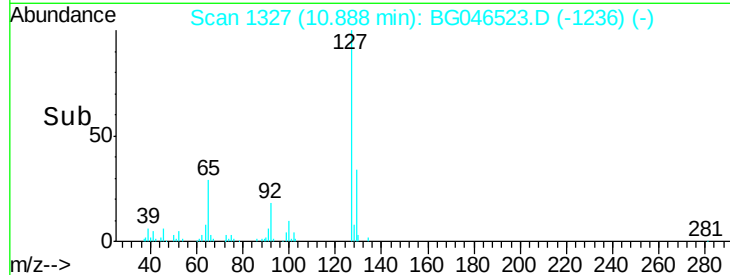
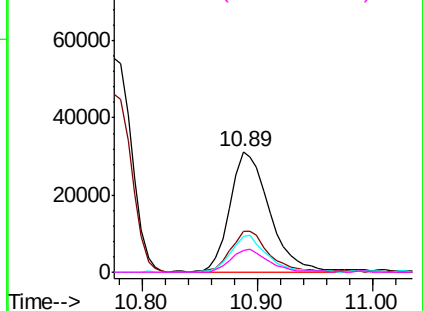
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC



#34
Hexachlorobutadiene
Concen: 38.589 ng
RT: 11.08 min Scan# 1359
Delta R.T. 0.00 min
Lab File: BG046523.D
Acq: 3 Sep 2020 19:29

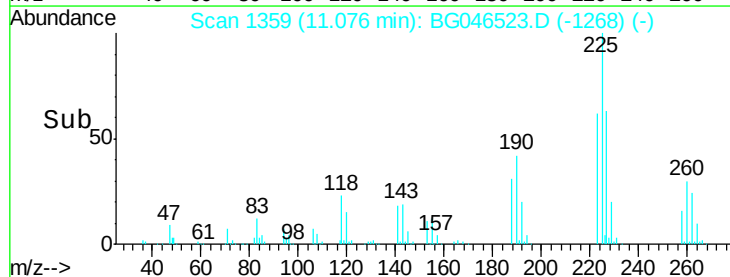
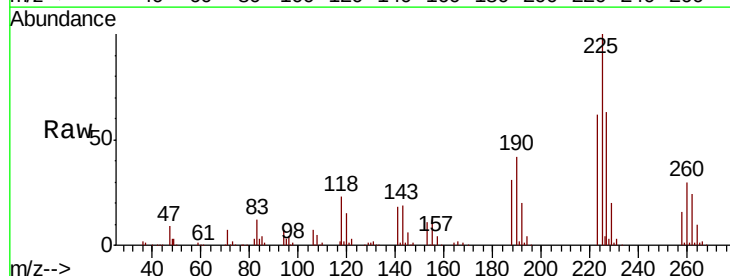
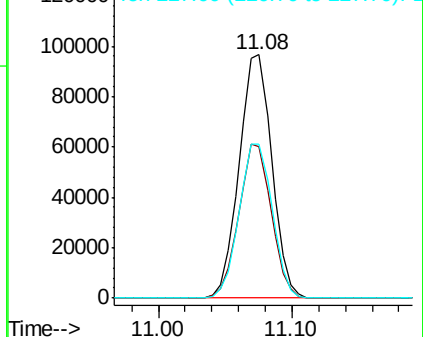
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		163544		
223	62.3	49.9	74.9		
227	63.5	51.6	77.4		

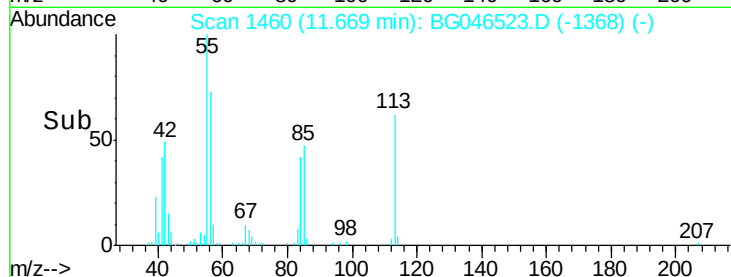
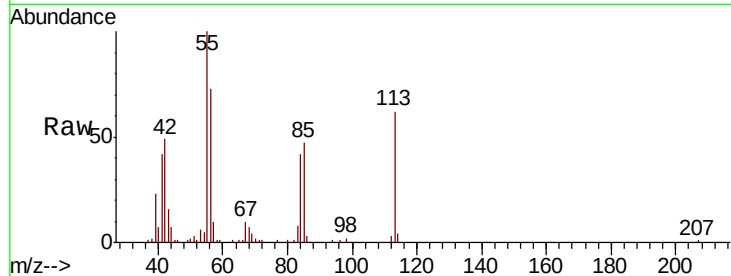
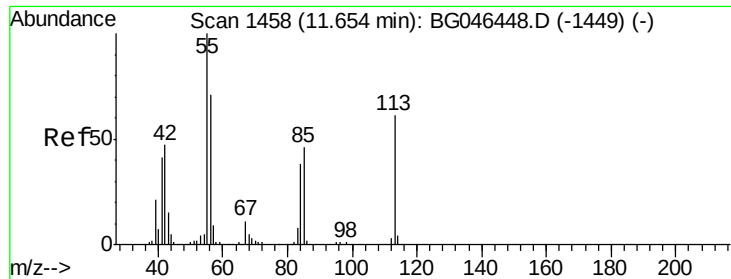
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





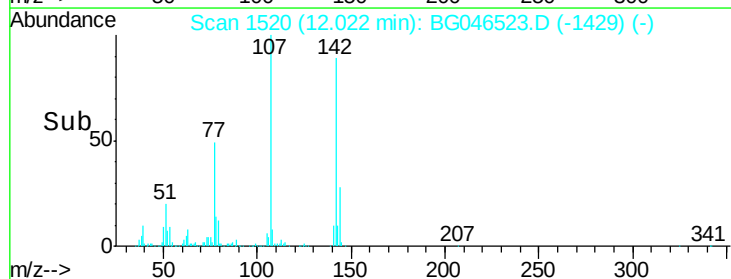
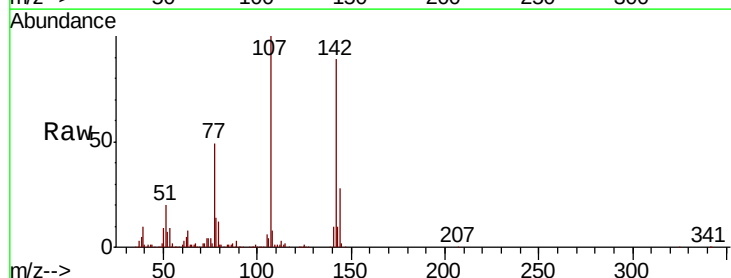
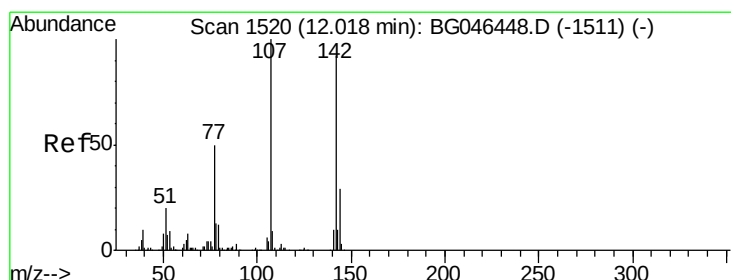
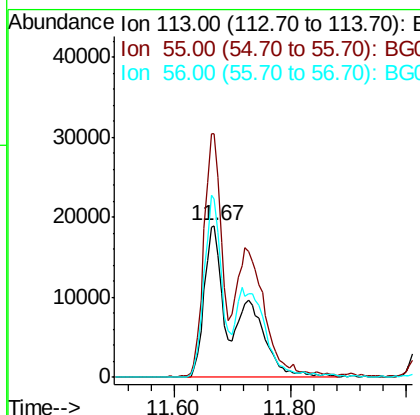
#35
Caprolactam
Concen: 35.370 ng/ml
RT: 11.67 min Scan# 1460
Delta R.T. 0.01 min
Lab File: BG046523.D
Acq: 3 Sep 2020 19:29

Tot Ion	Ratio	Lower	Upper
113	100		
55	160.5	144.2	184.2
56	117.8	97.0	137.0

Instrument :
BNA_G
ClientSampleId :
TR-05-090220MS

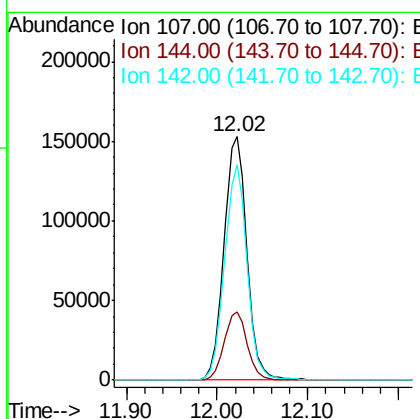
Manual Integrations
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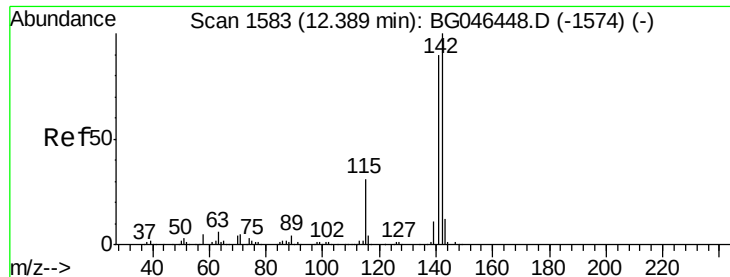
mohammad
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#36
4-Chloro-3-methylphenol
Concen: 49.683 ng/ml
RT: 12.02 min Scan# 1520
Delta R.T. 0.00 min
Lab File: BG046523.D
Acq: 3 Sep 2020 19:29

Tgt Ion	Ratio	Lower	Upper
107	100		
144	28.2	23.3	34.9
142	88.6	73.7	110.5





#37

2-Methylnaphthalene

Concen: 44.160 ng

RT: 12.39 min Scan# 1582

Delta R.T. -0.00 min

Lab File: BG046523.D

Acq: 3 Sep 2020 19:29

Instrument :

BNA_G

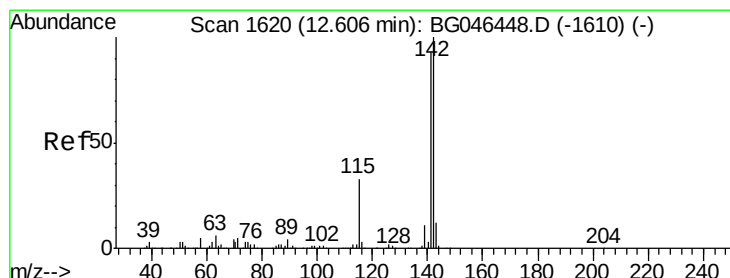
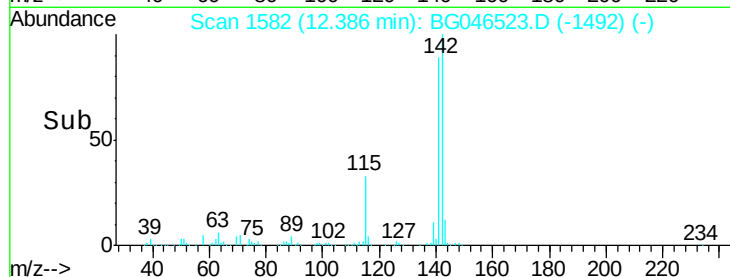
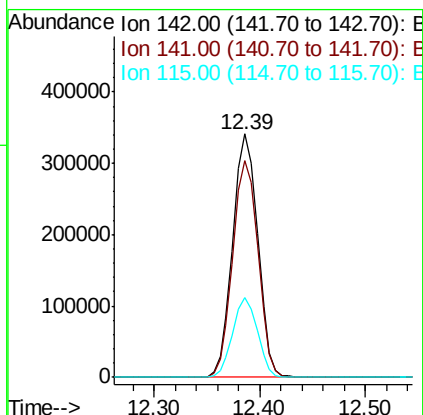
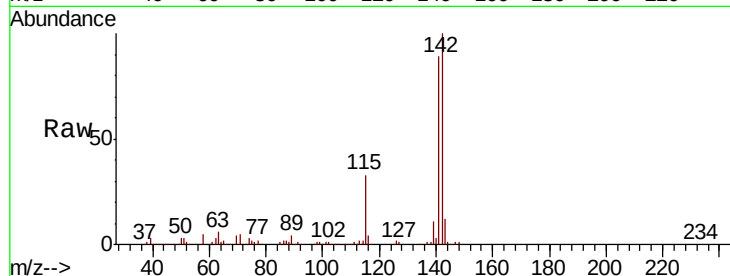
ClientSampleId :

TR-05-090220MS

Tot Ion:	142	Resp:	559579
Ion Ratio	Lower	Upper	
142	100		
141	89.2	72.1	108.1
115	32.8	24.9	37.3

Manual Integrations
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#38

1-Methylnaphthalene

Concen: 44.463 ng

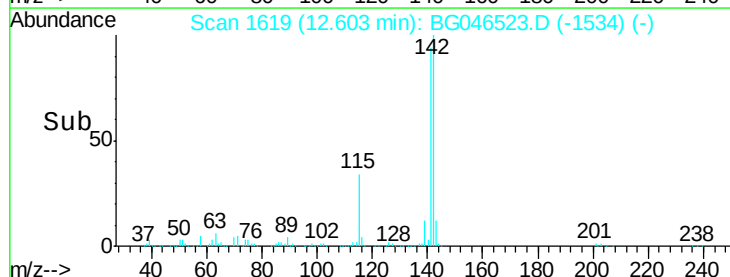
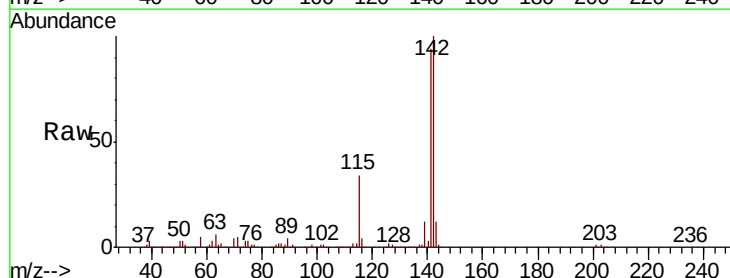
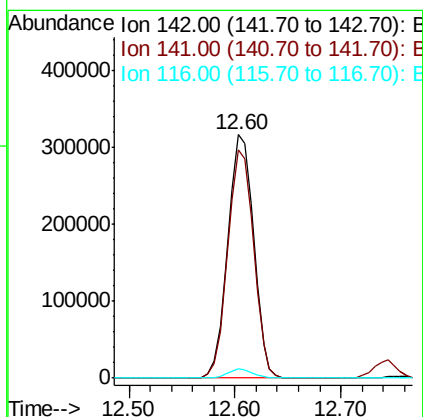
RT: 12.60 min Scan# 1619

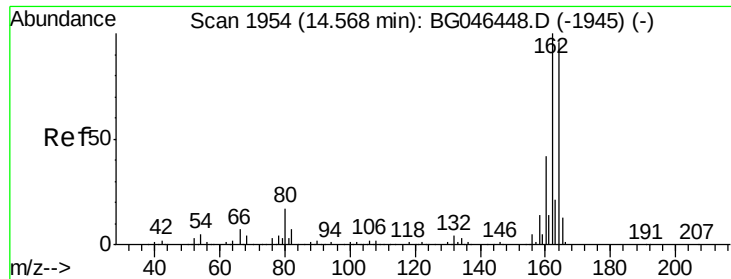
Delta R.T. -0.00 min

Lab File: BG046523.D

Acq: 3 Sep 2020 19:29

Tgt Ion:	142	Resp:	533693
Ion Ratio	Lower	Upper	
142	100		
141	93.6	74.7	112.1
116	3.9	2.6	4.0





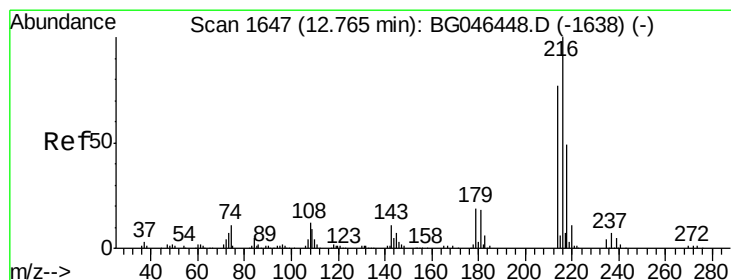
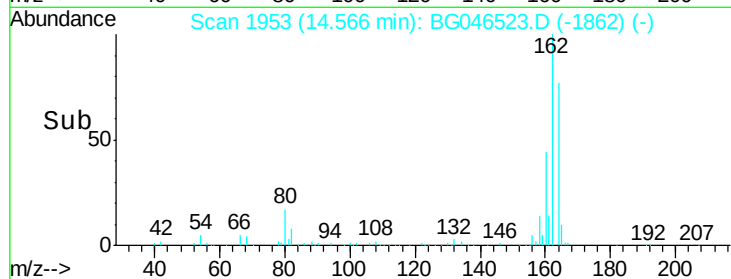
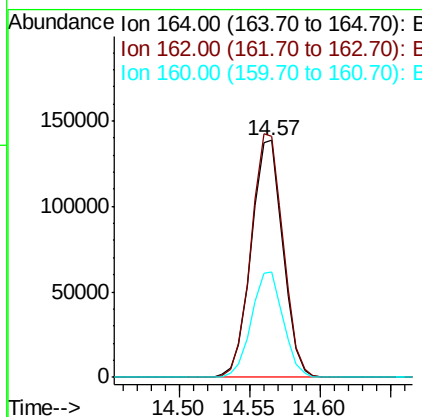
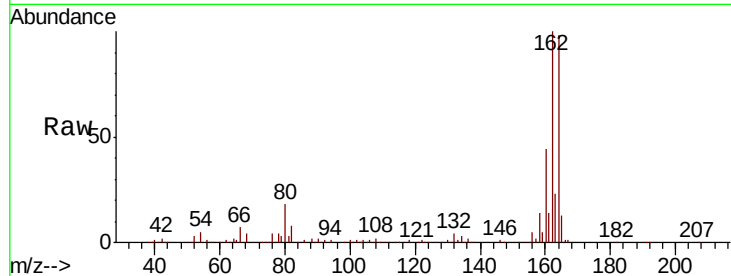
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.57 min Scan# 1953
Delta R.T. 0.00 min
Lab File: BG046523.D
Acq: 3 Sep 2020 19:29

Instrument :
BNA_G
ClientSampleId :
TR-05-090220MS

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.7	83.3	124.9
160	44.3	35.0	52.6

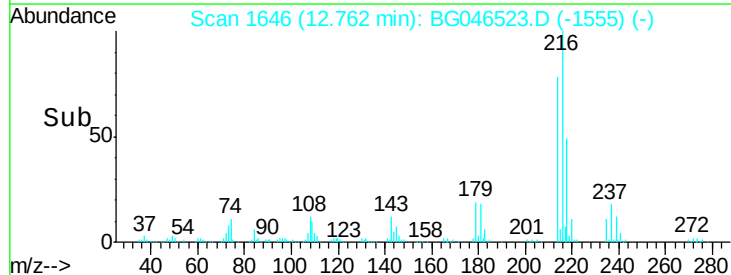
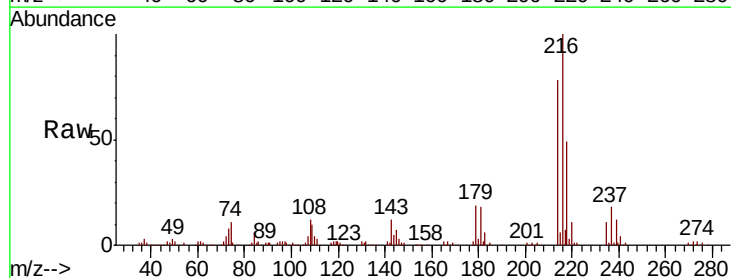
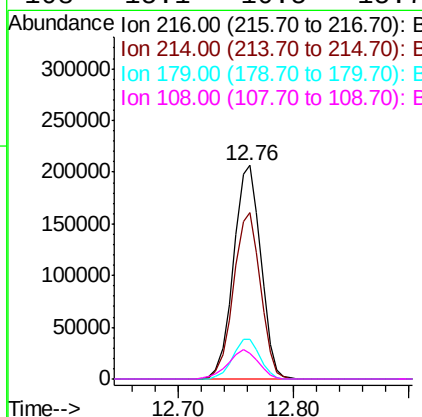
Manual Integrations
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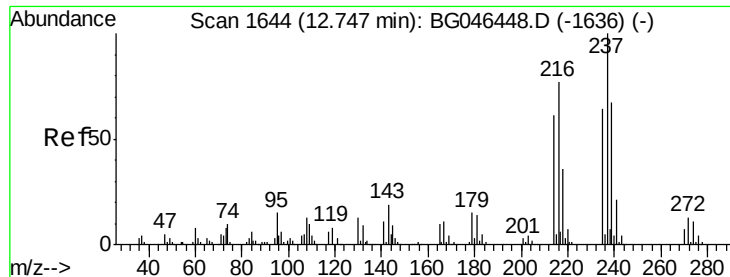
mohammad
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.525 ng
RT: 12.76 min Scan# 1646
Delta R.T. 0.00 min
Lab File: BG046523.D
Acq: 3 Sep 2020 19:29

Tgt Ion	Ratio	Lower	Upper
216	100		
214	77.2	62.1	93.1
179	18.7	14.9	22.3
108	15.1	10.5	15.7





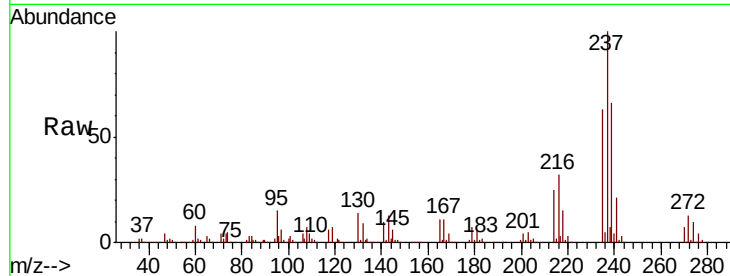
#41
Hexachlorocyclopentadiene
Concen: 112.550 ng
RT: 12.74 min Scan# 1643
Delta R.T. 0.00 min
Lab File: BG046523.D
Acq: 3 Sep 2020 19:29

Instrument :
BNA_G
ClientSampleId :
TR-05-090220MS

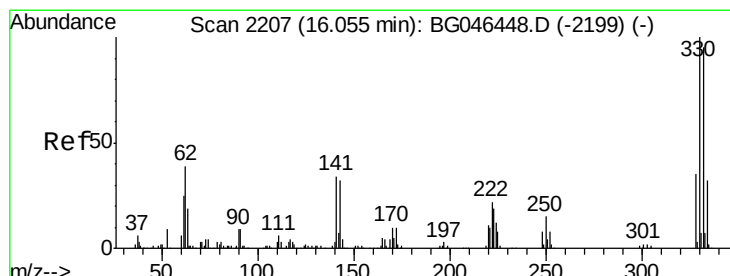
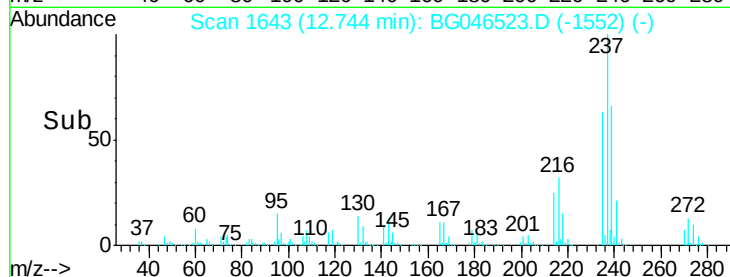
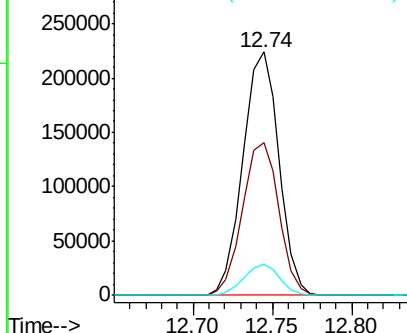
Tot Ion:	237	Resp:	353889
Ion Ratio	Lower	Upper	
237	100		
235	62.5	44.5	84.5
272	12.8	0.0	32.8

Manual Integrations
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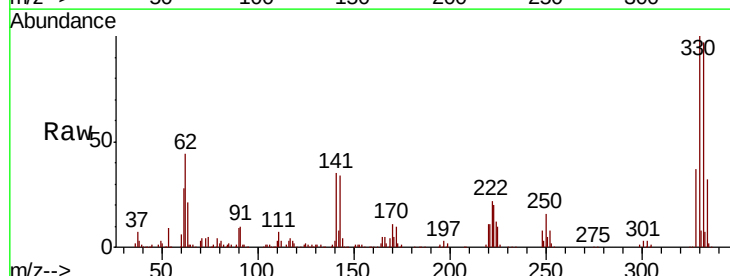


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

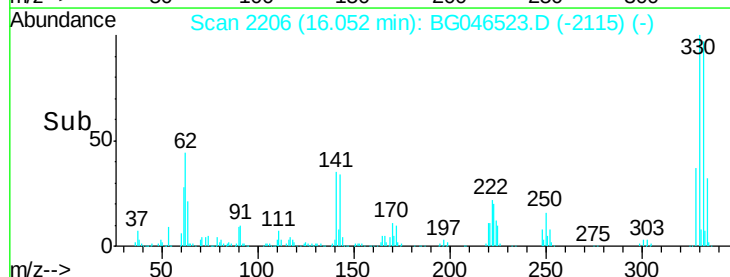
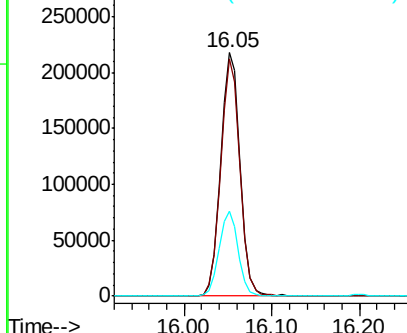


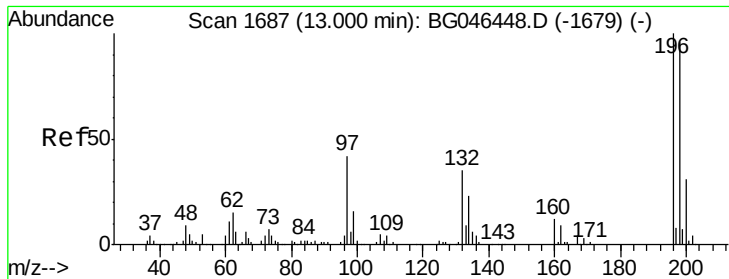
#42
2,4,6-Tribromophenol
Concen: 112.282 ng
RT: 16.05 min Scan# 2206
Delta R.T. 0.00 min
Lab File: BG046523.D
Acq: 3 Sep 2020 19:29

Tgt Ion:	330	Resp:	333604
Ion Ratio	Lower	Upper	
330	100		
332	97.1	76.1	114.1
141	34.6	26.1	39.1



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





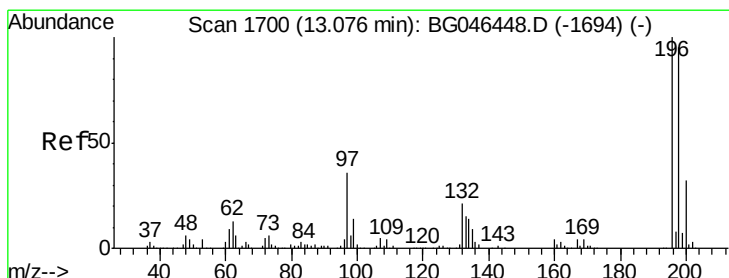
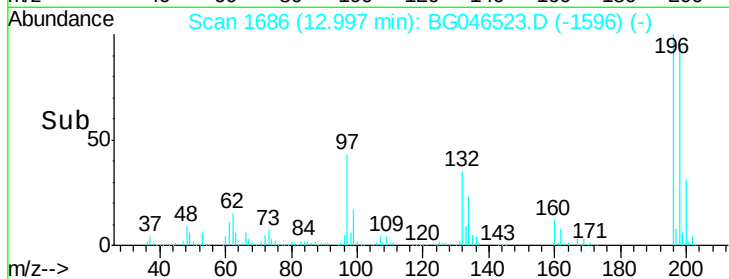
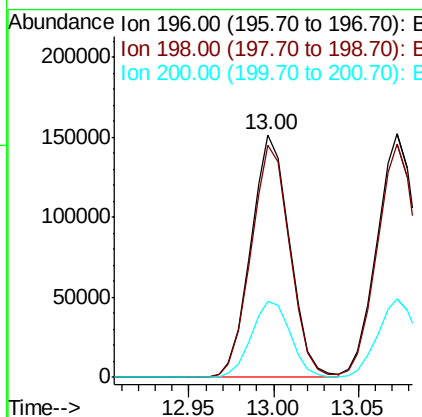
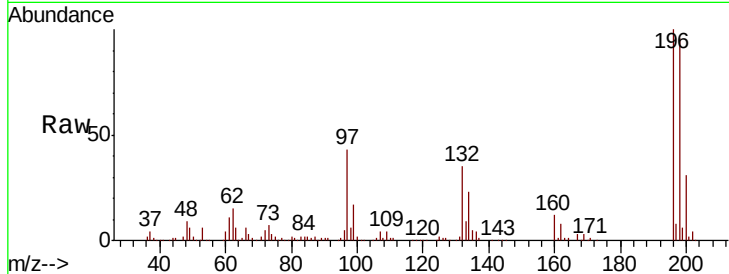
#43
 2,4,6-Trichlorophenol
 Concen: 49.452 ng
 RT: 13.00 min Scan# 1686
 Delta R.T. -0.00 min
 Lab File: BG046523.D
 Acq: 3 Sep 2020 19:29

Instrument :
 BNA_G
 ClientSampleId :
 TR-05-090220MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	241315		
198	95.6	77.0	115.6	
200	31.1	25.2	37.8	

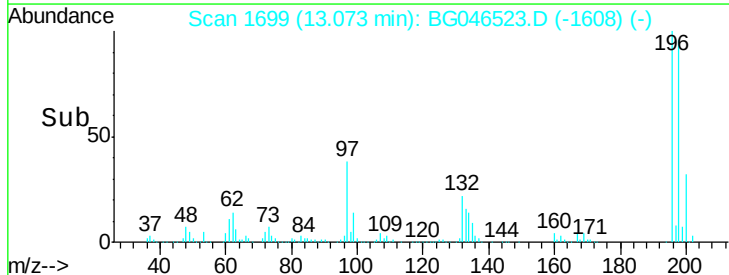
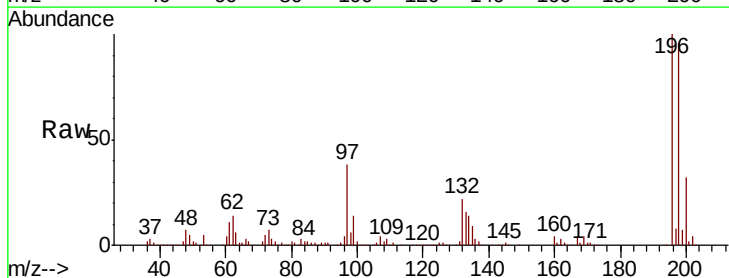
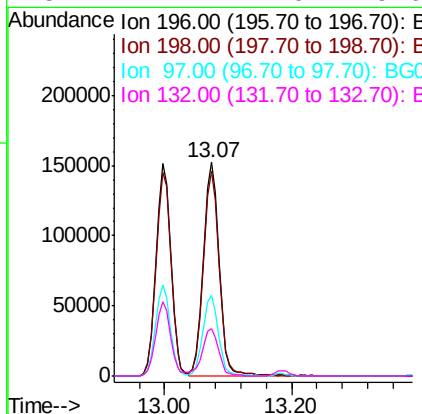
Manual Integrations
 APPROVED

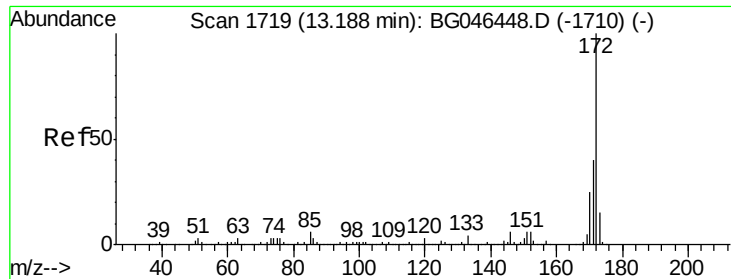
mohammad
 9/4/2020 1:54:54 PM



#44
 2,4,5-Trichlorophenol
 Concen: 50.886 ng
 RT: 13.07 min Scan# 1699
 Delta R.T. 0.00 min
 Lab File: BG046523.D
 Acq: 3 Sep 2020 19:29

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	260892		
198	95.9	75.6	113.4	
97	38.0	28.6	43.0	
132	22.1	17.0	25.6	





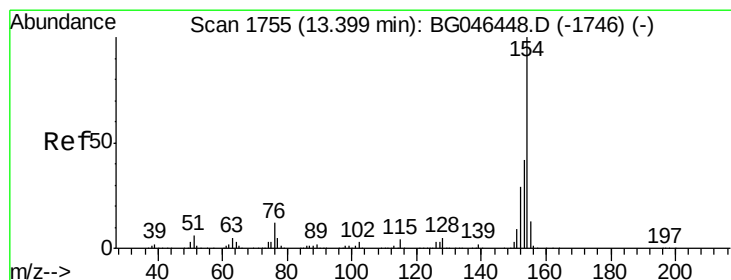
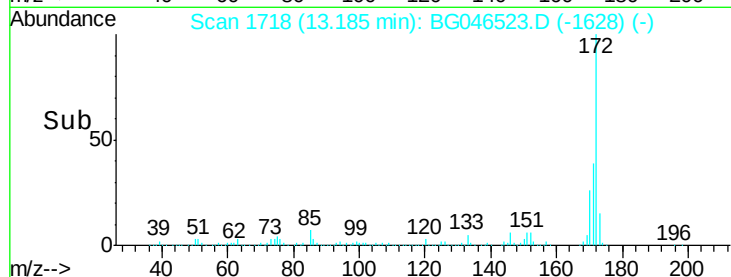
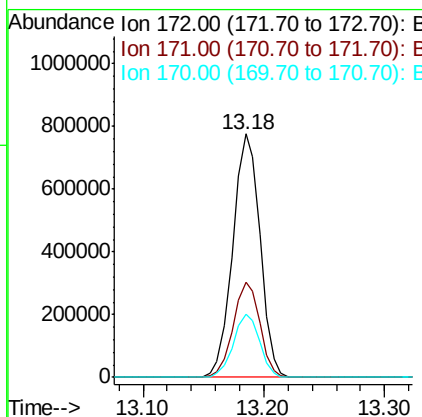
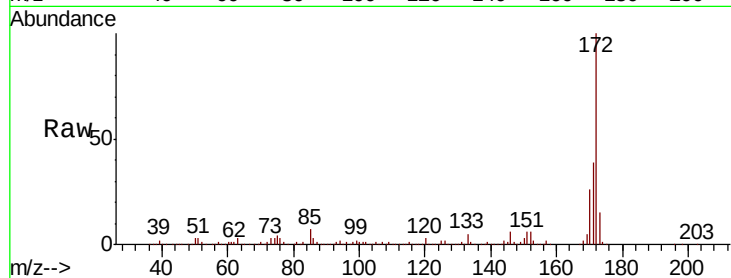
#45
2-Fluorobiphenyl
Concen: 84.802 ng
RT: 13.18 min Scan# 1718
Delta R.T. -0.00 min
Lab File: BG046523.D
Acq: 3 Sep 2020 19:29

Instrument :
BNA_G
ClientSampleId :
TR-05-090220MS

Tot Ion	Ratio	Lower	Upper
172	100		
171	39.3	31.8	47.6
170	26.0	20.3	30.5

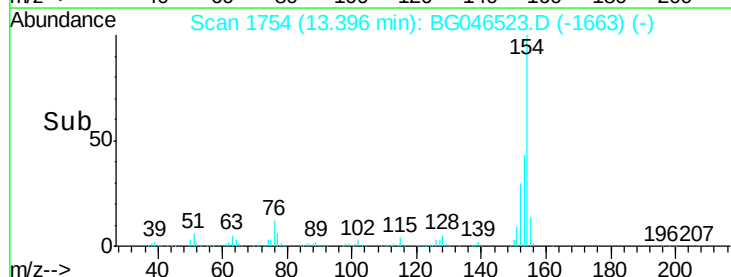
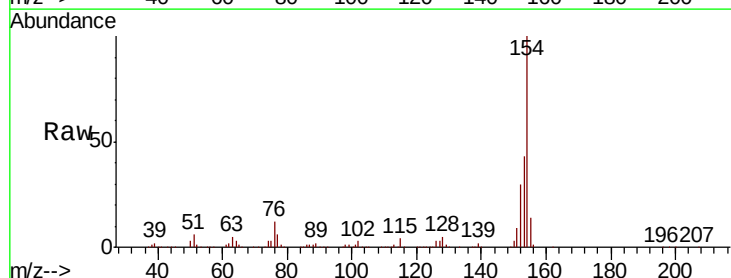
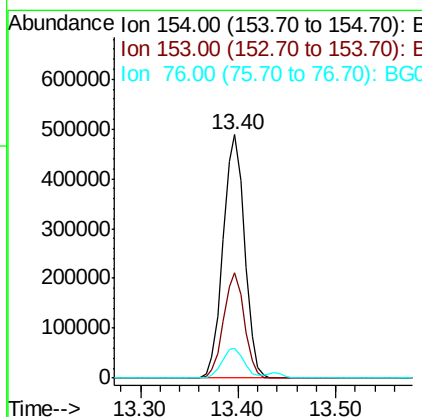
Manual Integrations
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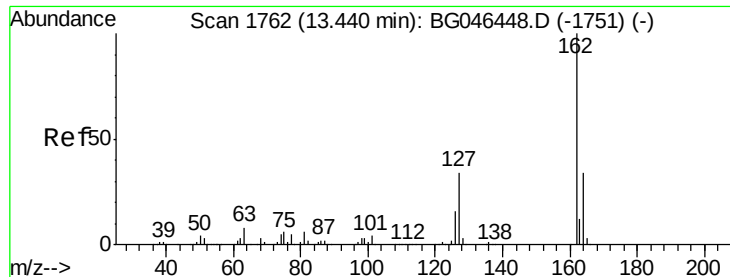
mohammad
9/4/2020 1:54:54 PM



#46
1,1'-Biphenyl
Concen: 48.786 ng
RT: 13.40 min Scan# 1754
Delta R.T. 0.00 min
Lab File: BG046523.D
Acq: 3 Sep 2020 19:29

Tgt Ion	Ratio	Lower	Upper
154	100		
153	43.4	22.0	62.0
76	12.5	0.0	32.3





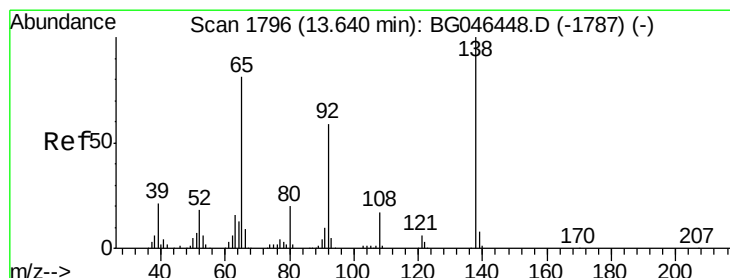
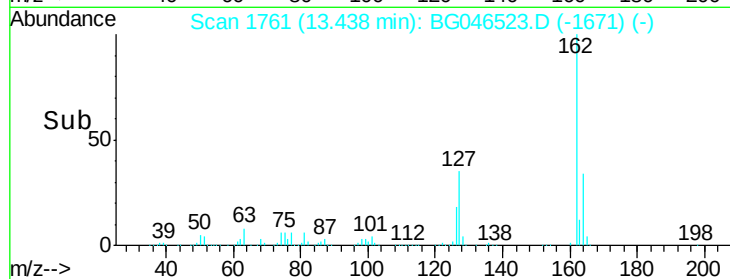
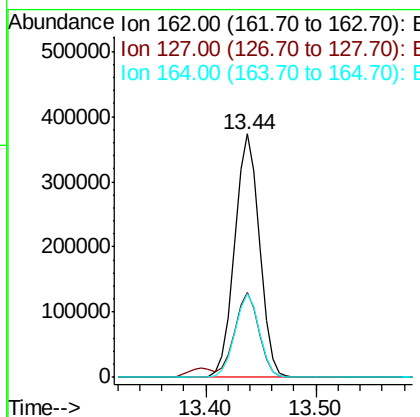
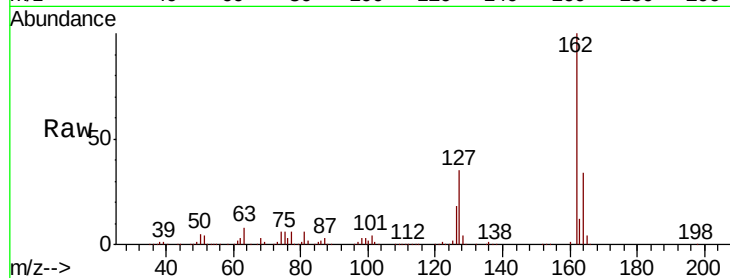
#47
2-Chloronaphthalene
Concen: 45.550 ng
RT: 13.44 min Scan# 1761
Delta R.T. -0.00 min
Lab File: BG046523.D
Acq: 3 Sep 2020 19:29

Instrument :
BNA_G
ClientSampleId :
TR-05-090220MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100		589212		
127	35.0	27.6		41.4	
164	34.3	27.3		40.9	

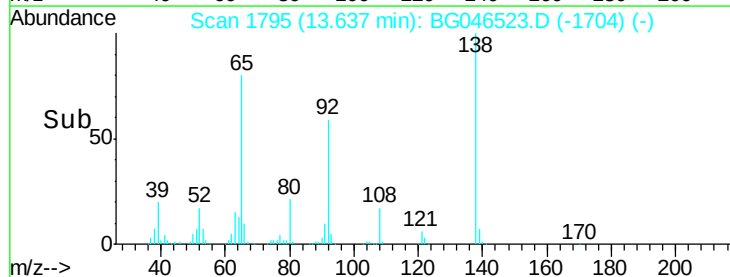
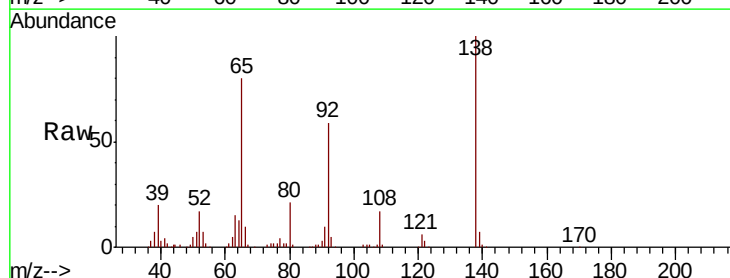
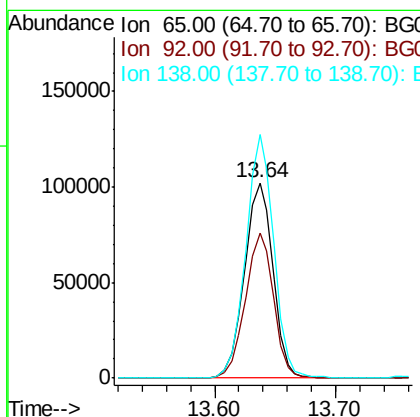
Manual Integrations
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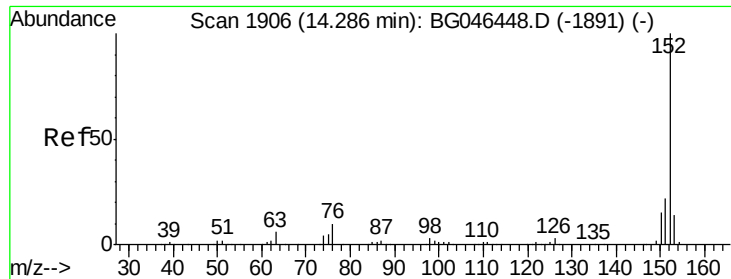
mohammad
9/4/2020 1:54:54 PM



#48
2-Nitroaniline
Concen: 47.053 ng
RT: 13.64 min Scan# 1795
Delta R.T. 0.00 min
Lab File: BG046523.D
Acq: 3 Sep 2020 19:29

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
65	100		169009		
92	74.0	58.5		87.7	
138	124.7	98.4		147.6	





#49

Acenaphthylene

Concen: 47.502 ng

RT: 14.28 min Scan# 1905

Delta R.T. -0.00 min

Lab File: BG046523.D

Acq: 3 Sep 2020 19:29

Instrument :

BNA_G

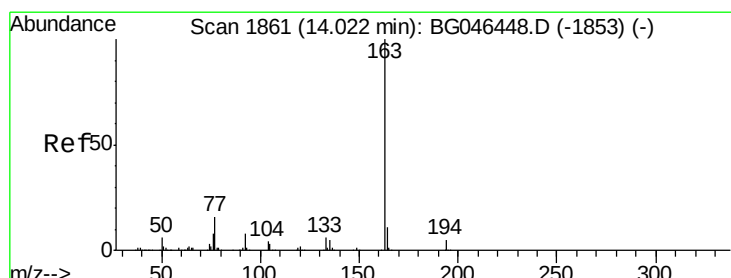
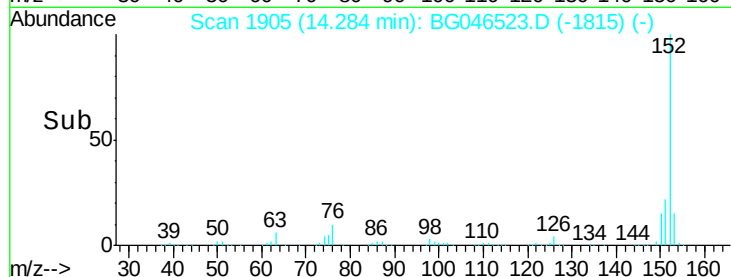
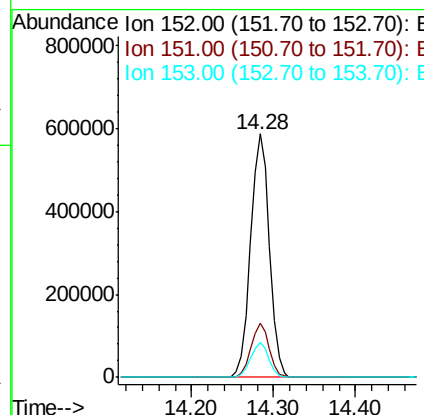
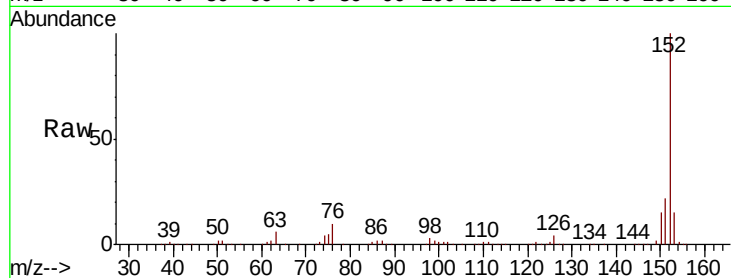
ClientSampleId :

TR-05-090220MS

Tot Ion:	152	Resp:	932079
Ion Ratio	Lower	Upper	
152	100		
151	22.3	17.7	26.5
153	14.5	11.2	16.8

Manual Integrations
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#50

Dimethylphthalate

Concen: 46.646 ng

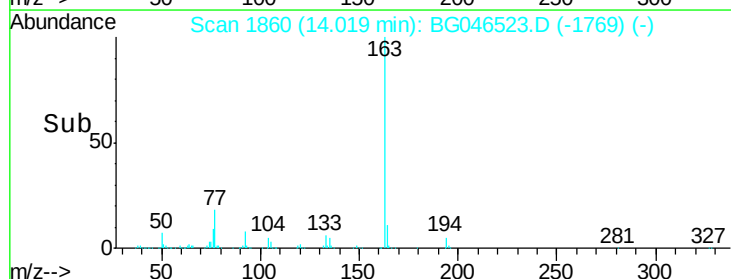
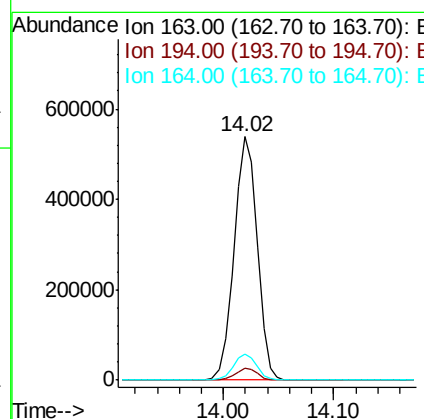
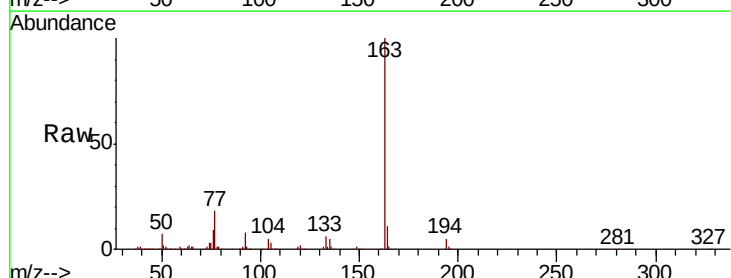
RT: 14.02 min Scan# 1860

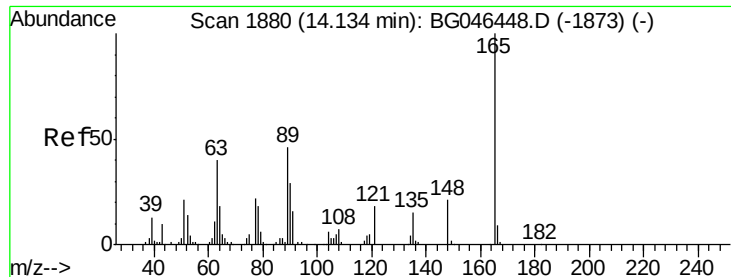
Delta R.T. 0.00 min

Lab File: BG046523.D

Acq: 3 Sep 2020 19:29

Tgt Ion:	163	Resp:	791344
Ion Ratio	Lower	Upper	
163	100		
194	4.9	3.7	5.5
164	10.7	8.6	12.8





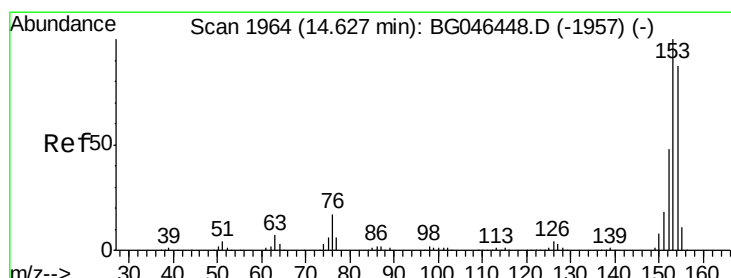
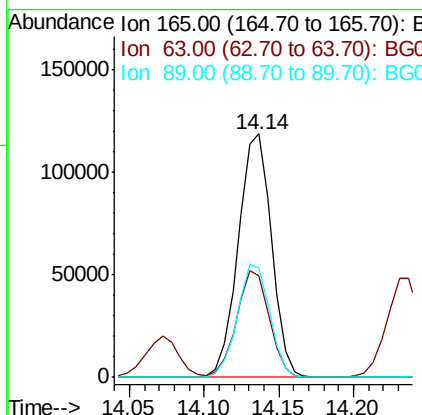
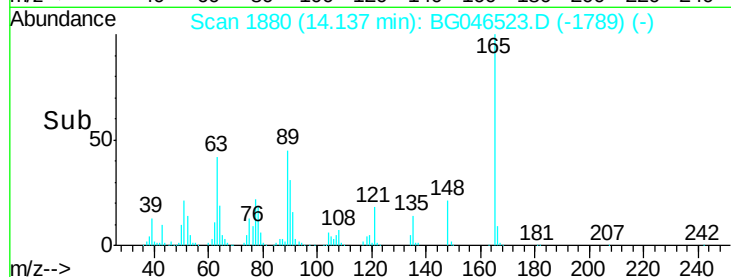
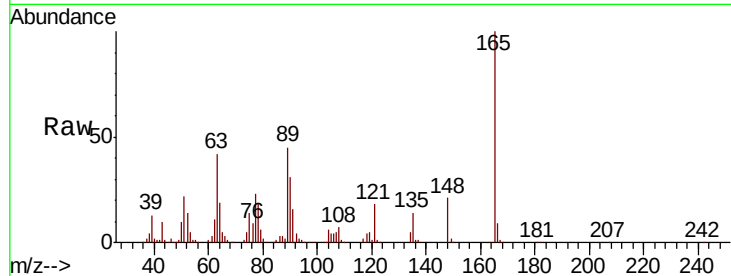
#51
 2,6-Dinitrotoluene
 Concen: 49.014 ng
 RT: 14.14 min Scan# 1880
 Delta R.T. 0.00 min
 Lab File: BG046523.D
 Acq: 3 Sep 2020 19:29

Instrument :
 BNA_G
 ClientSampleId :
 TR-05-090220MS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	183295		
63	41.9		34.2	51.4
89	44.8		37.0	55.4

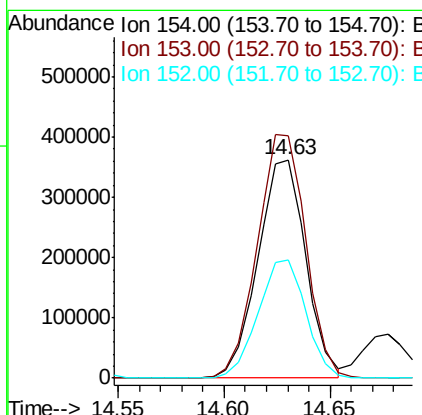
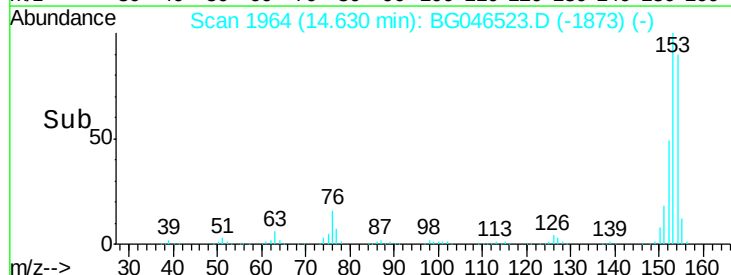
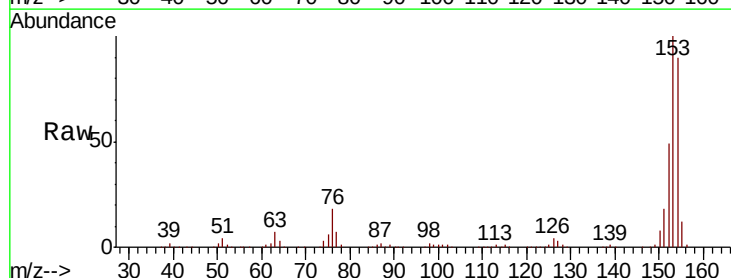
Manual Integrations
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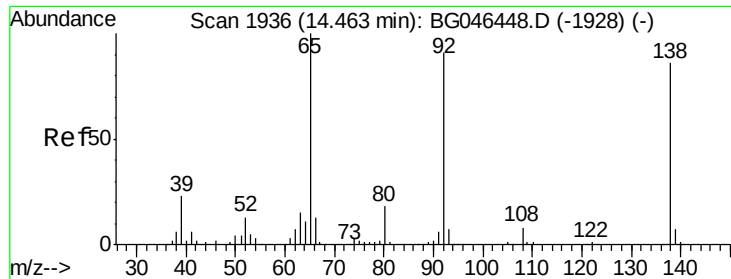
mohammad
 9/4/2020 1:54:54 PM



#52
 Acenaphthene
 Concen: 46.908 ng
 RT: 14.63 min Scan# 1964
 Delta R.T. 0.00 min
 Lab File: BG046523.D
 Acq: 3 Sep 2020 19:29

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	570369		
153	111.2		91.9	137.9
152	54.4		43.8	65.6





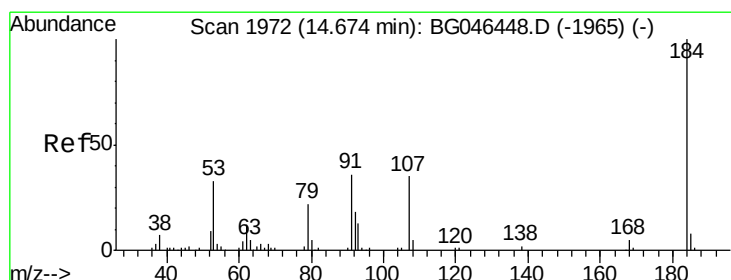
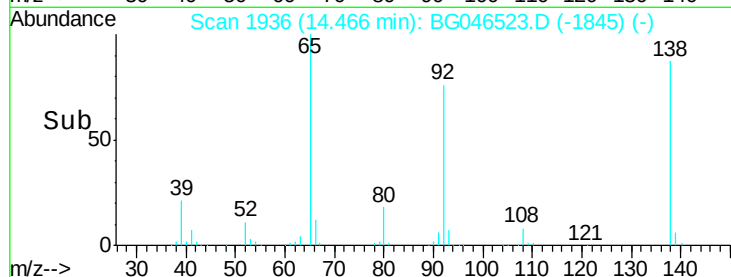
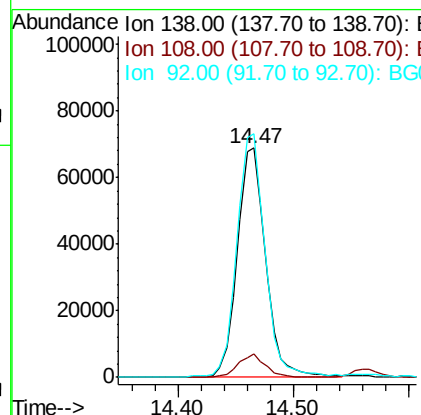
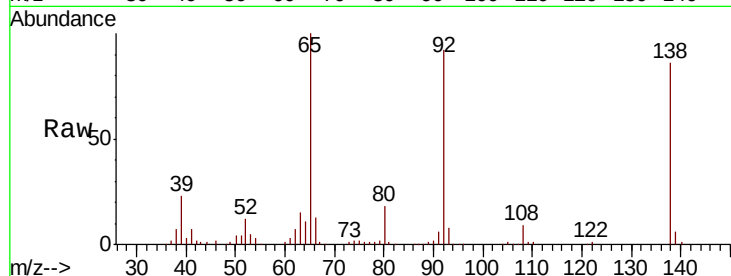
#53
3-Nitroaniline
Concen: 28.989 ng
RT: 14.47 min Scan# 1936
Delta R.T. 0.00 min
Lab File: BG046523.D
Acq: 3 Sep 2020 19:29

Instrument :
BNA_G
ClientSampleId :
TR-05-090220MS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.0	7.0	10.6
92	106.3	84.6	127.0

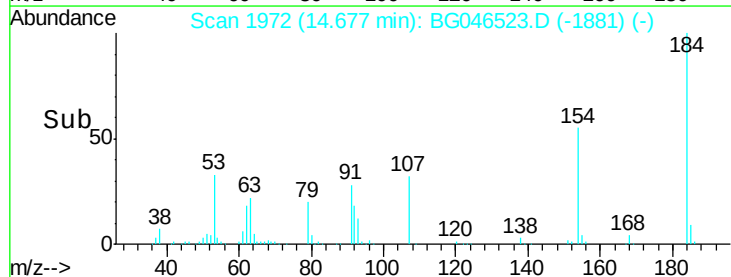
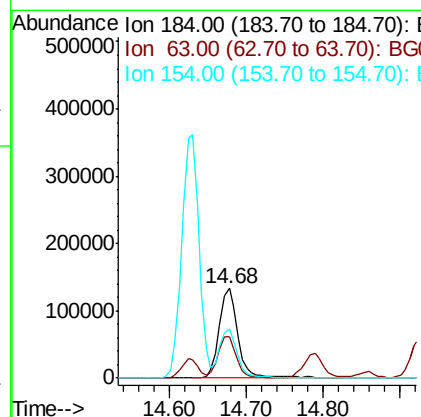
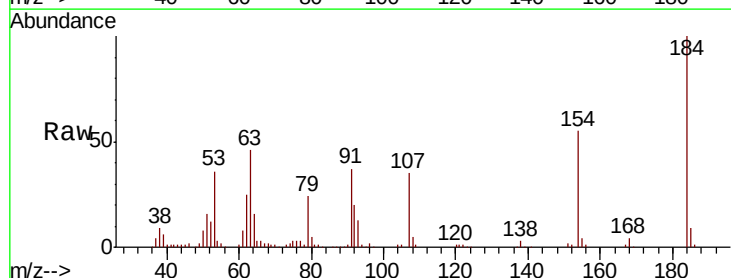
Manual Integrations
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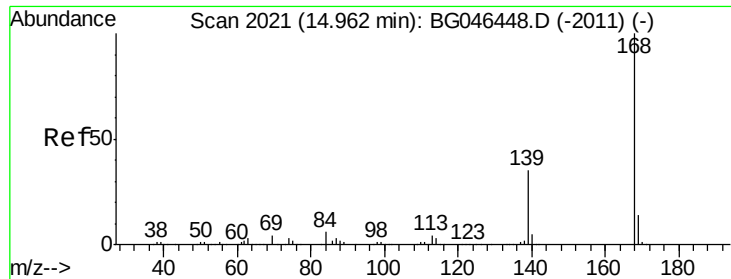
mohammad
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#54
2,4-Dinitrophenol
Concen: 103.240 ng
RT: 14.68 min Scan# 1972
Delta R.T. 0.00 min
Lab File: BG046523.D
Acq: 3 Sep 2020 19:29

Tgt Ion	Ratio	Lower	Upper
184	100		
63	45.7	35.6	53.4
154	54.5	44.3	66.5





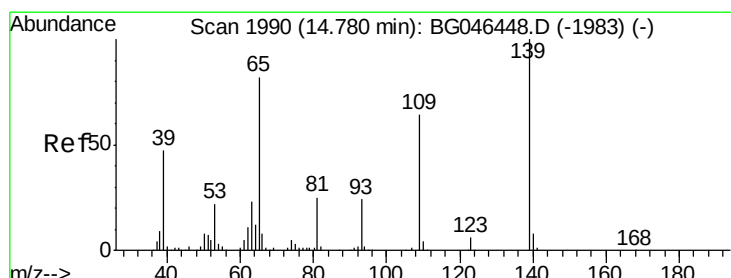
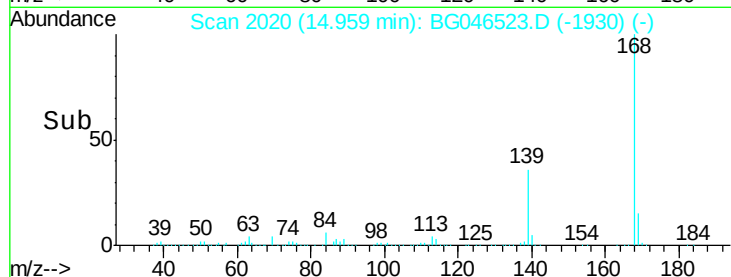
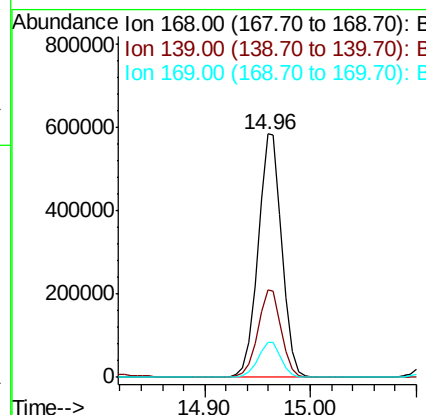
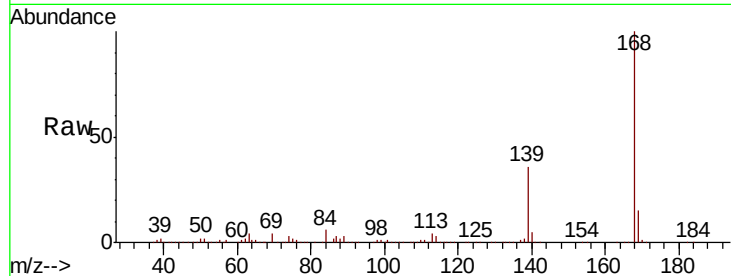
#55
Dibenzofuran
Concen: 46.885 ng
RT: 14.96 min Scan# 2020
Delta R.T. -0.00 min
Lab File: BG046523.D
Acq: 3 Sep 2020 19:29

Instrument :
BNA_G
ClientSampleId :
TR-05-090220MS

Tot Ion	Ratio	Lower	Upper
168	100		
139	36.0	28.1	42.1
169	14.5	11.5	17.3

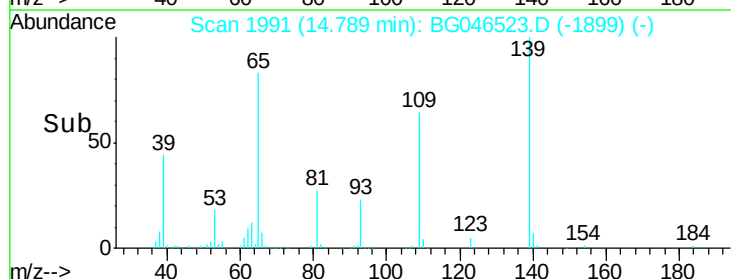
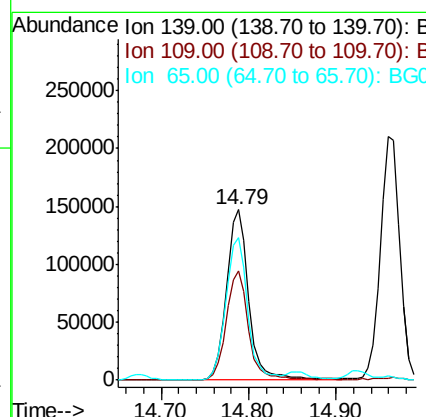
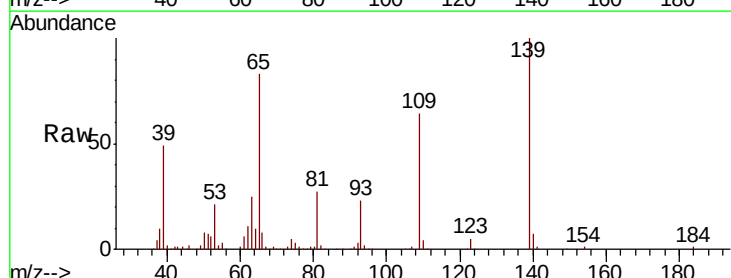
Manual Integrations
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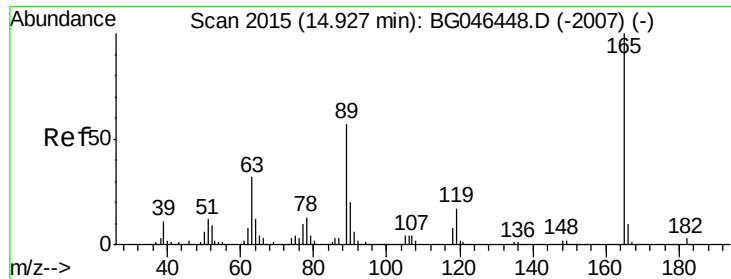
mohammad
9/4/2020 1:54:54 PM



#56
4-Nitrophenol
Concen: 87.356 ng
RT: 14.79 min Scan# 1991
Delta R.T. 0.01 min
Lab File: BG046523.D
Acq: 3 Sep 2020 19:29

Tgt Ion	Ratio	Lower	Upper
139	100		
109	63.9	44.3	84.3
65	83.4	61.5	101.5





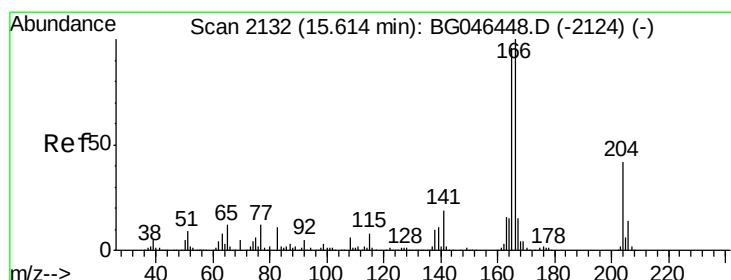
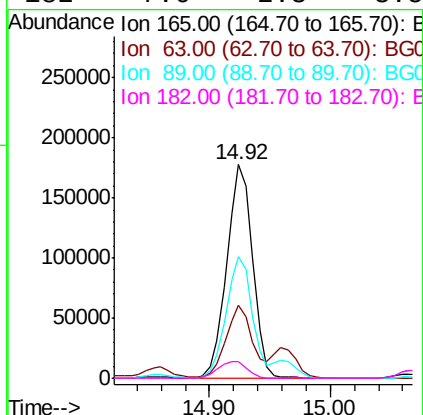
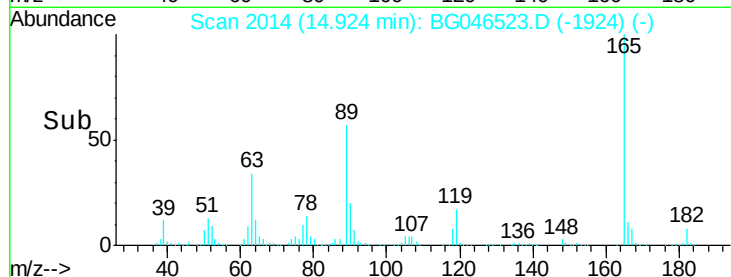
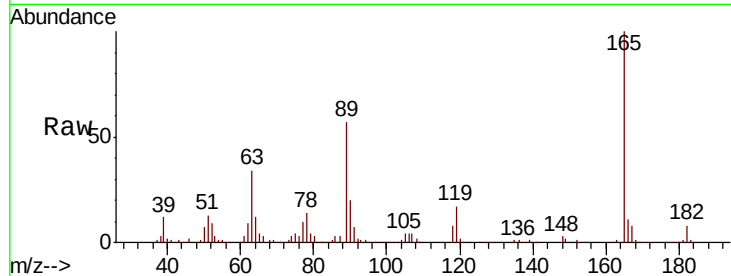
#57
2,4-Dinitrotoluene
Concen: 49.641 ng
RT: 14.92 min Scan# 2014
Delta R.T. -0.00 min
Lab File: BG046523.D
Acq: 3 Sep 2020 19:29

Instrument :
BNA_G
ClientSampleId :
TR-05-090220MS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	264699		
63	34.0	25.4	38.0	
89	57.2	45.9	68.9	
182	7.6	2.3	3.5	

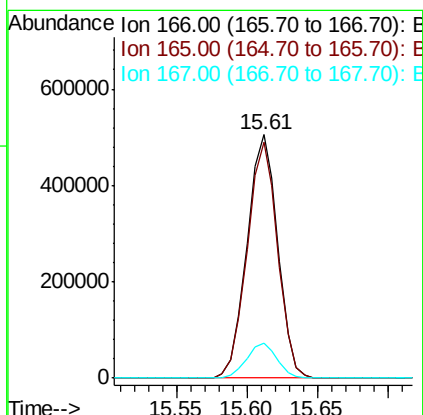
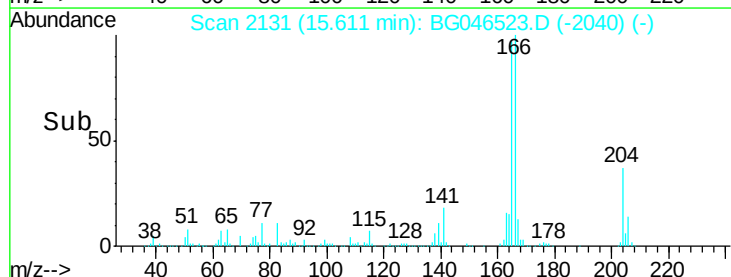
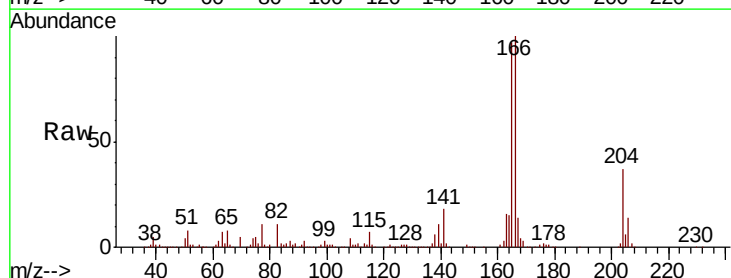
Manual Integrations
APPROVED

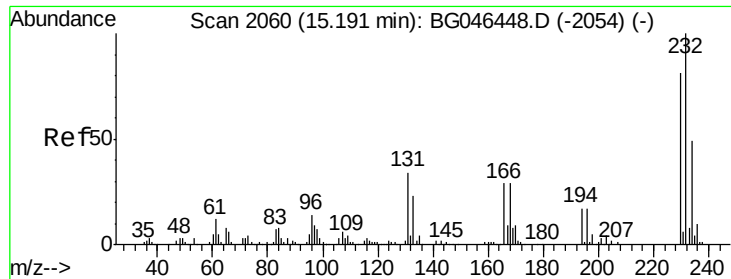
mohammad
9/4/2020 1:54:54 PM



#58
Fluorene
Concen: 46.890 ng
RT: 15.61 min Scan# 2131
Delta R.T. 0.00 min
Lab File: BG046523.D
Acq: 3 Sep 2020 19:29

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	767960		
165	96.9	77.0	115.4	
167	14.4	11.8	17.6	





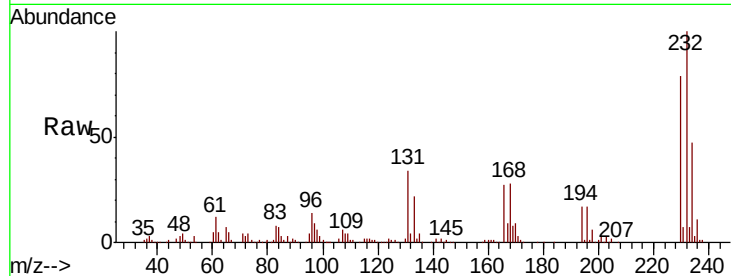
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 48.807 ng
 RT: 15.19 min Scan# 2060
 Delta R.T. 0.00 min
 Lab File: BG046523.D
 Acq: 3 Sep 2020 19:29

Instrument :
 BNA_G
 ClientSampleId :
 TR-05-090220MS

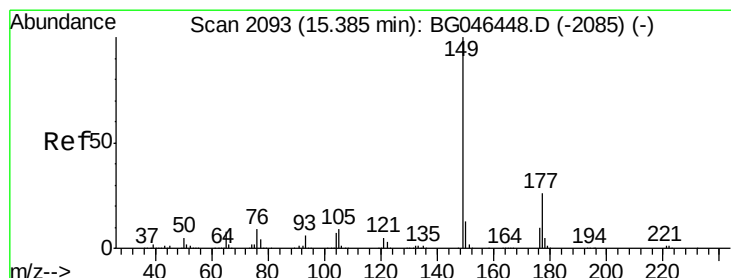
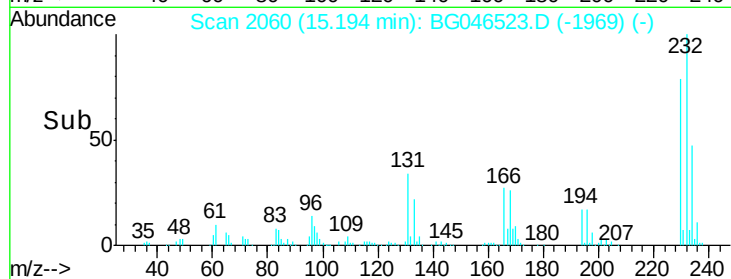
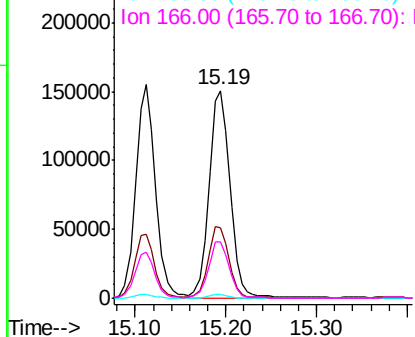
Tot Ion	Ratio	Resp	Lower	Upper
232	100	242997		
131	34.0		26.8	40.2
130	1.8		1.4	2.2
166	26.7		22.8	34.2

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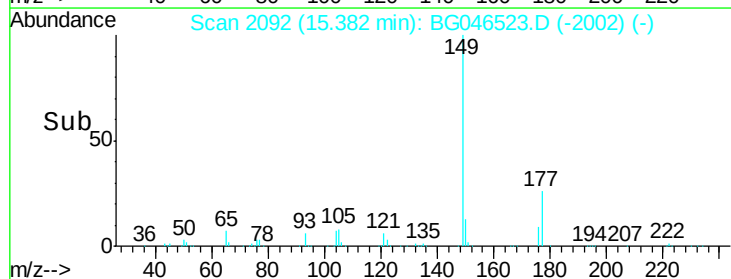
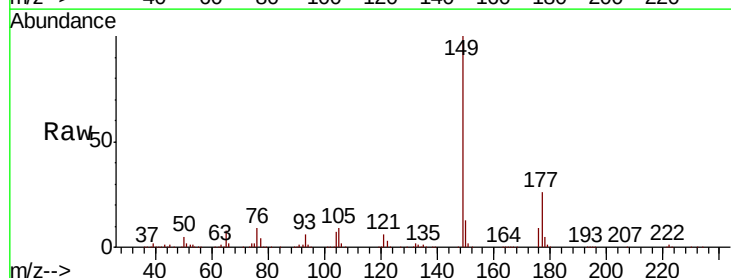
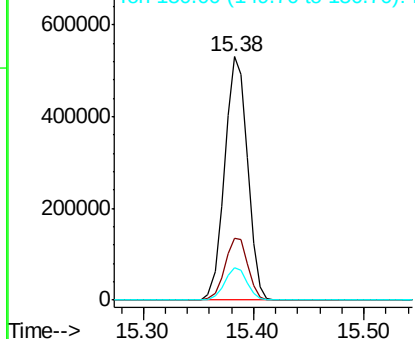
Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

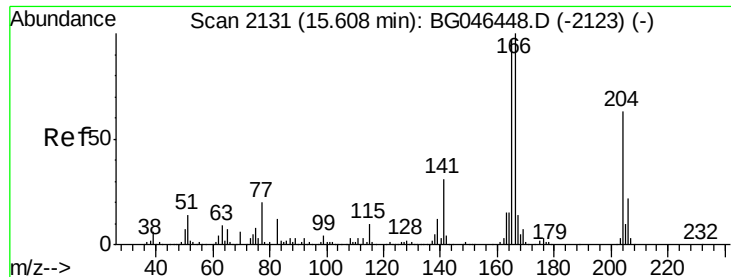


#60
 Diethylphthalate
 Concen: 46.418 ng
 RT: 15.38 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: BG046523.D
 Acq: 3 Sep 2020 19:29

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	767782		
177	25.5		20.6	30.8
150	13.1		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: 46.041 ng

RT: 15.60 min Scan# 2129

Delta R.T. -0.00 min

Lab File: BG046523.D

Acq: 3 Sep 2020 19:29

Instrument :

BNA_G

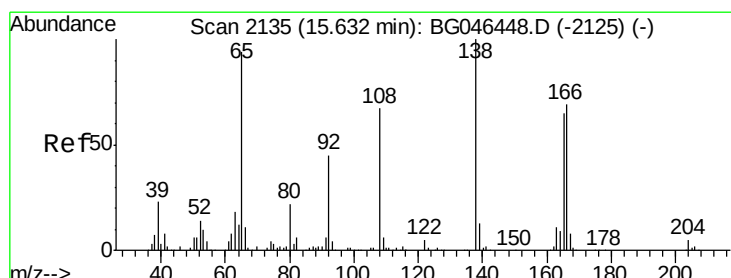
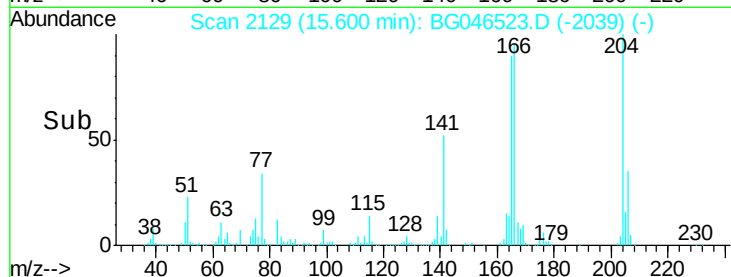
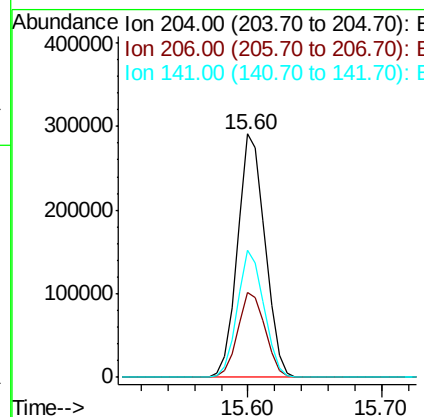
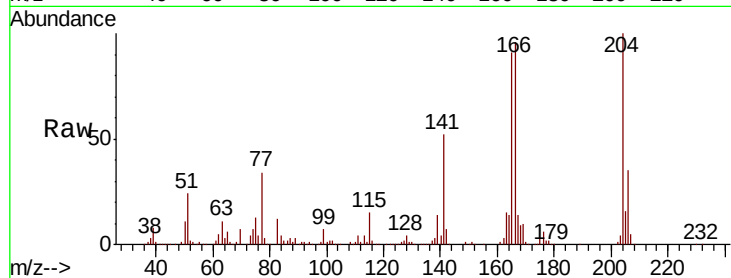
ClientSampleId :

TR-05-090220MS

Tot Ion:	204	Resp:	415291
Ion Ratio		Lower	Upper
204	100		
206	34.9	27.7	41.5
141	52.0	38.7	58.1

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#62

4-Nitroaniline

Concen: 41.121 ng

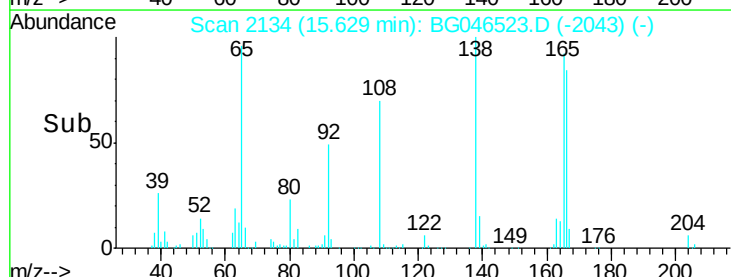
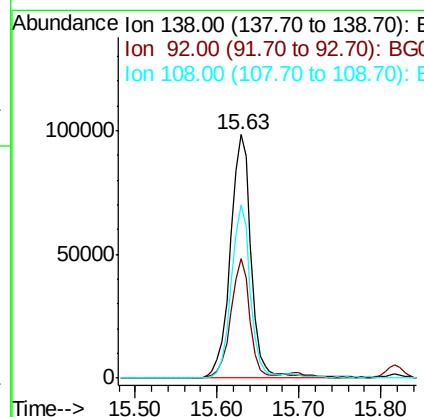
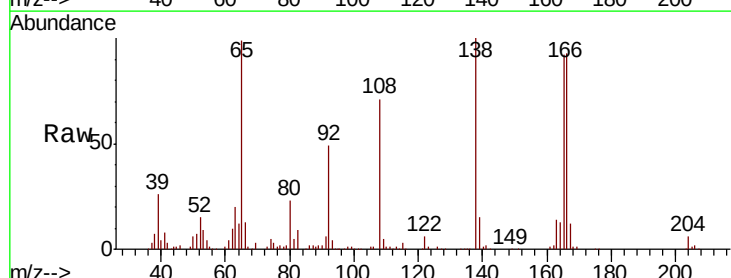
RT: 15.63 min Scan# 2134

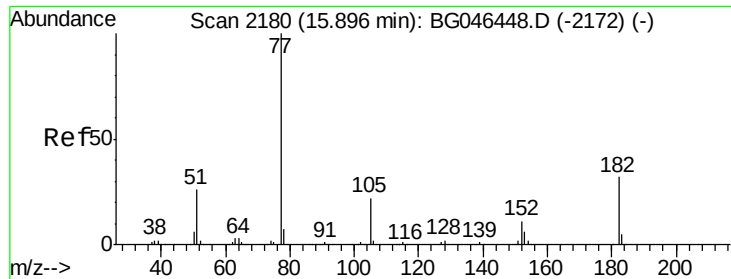
Delta R.T. 0.00 min

Lab File: BG046523.D

Acq: 3 Sep 2020 19:29

Tgt Ion:	138	Resp:	175761
Ion Ratio		Lower	Upper
138	100		
92	49.0	25.3	65.3
108	71.1	46.7	86.7





#63

Azobenzene

Concen: 48.470 ng

RT: 15.90 min Scan# 2180

Delta R.T. 0.00 min

Lab File: BG046523.D

Acq: 3 Sep 2020 19:29

Instrument :

BNA_G

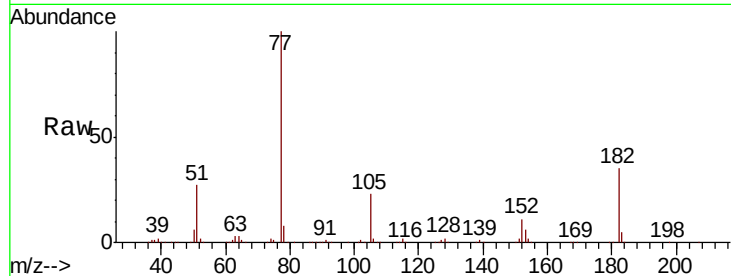
ClientSampleId :

TR-05-090220MS

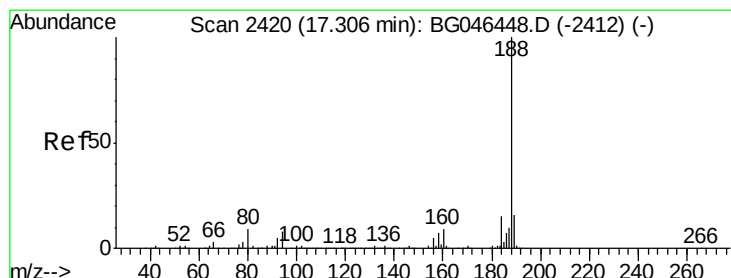
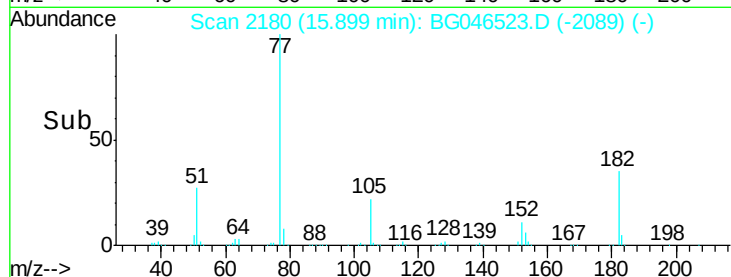
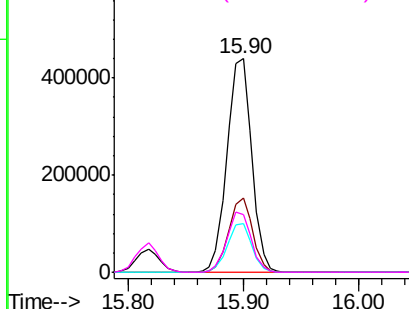
Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	34.5	12.3	52.3	
105	23.0	2.3	42.3	
51	27.2	6.5	46.5	

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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

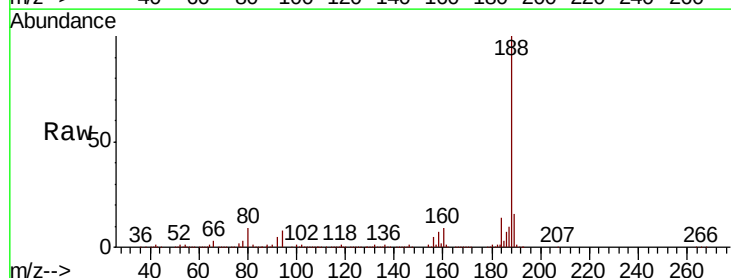
RT: 17.30 min Scan# 2419

Delta R.T. -0.00 min

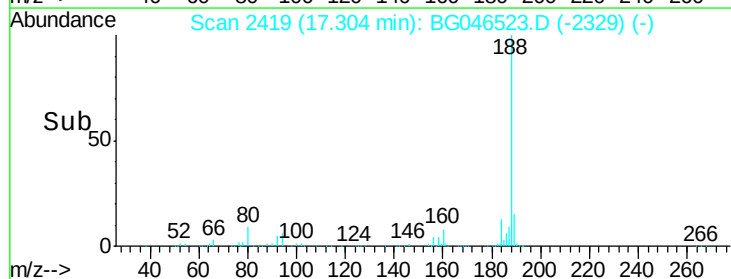
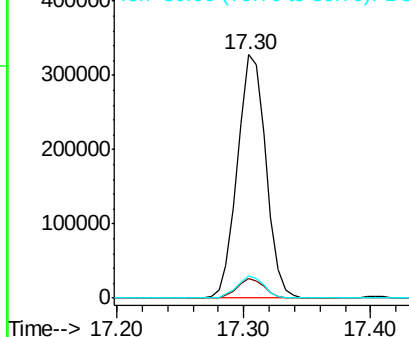
Lab File: BG046523.D

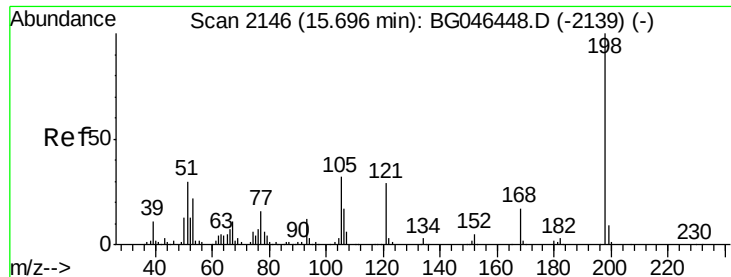
Acq: 3 Sep 2020 19:29

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	7.8	6.3	9.5	
80	9.0	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





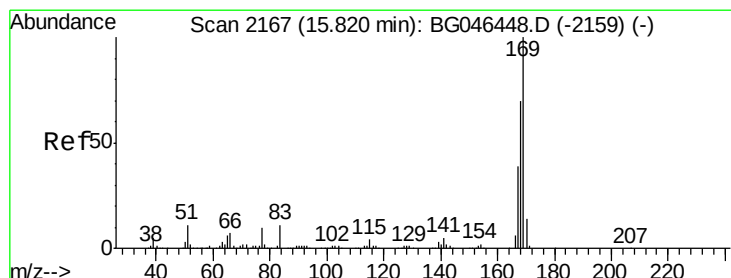
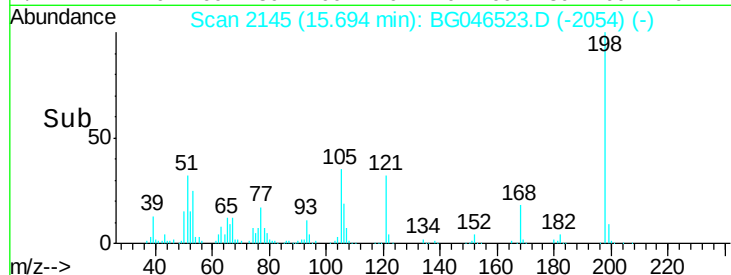
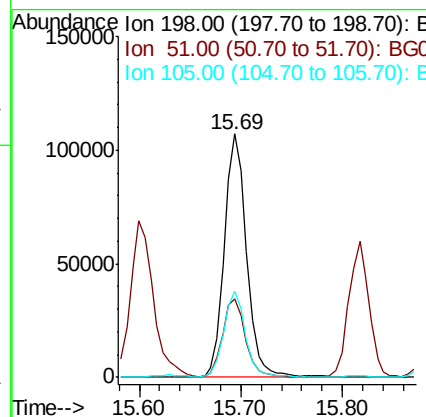
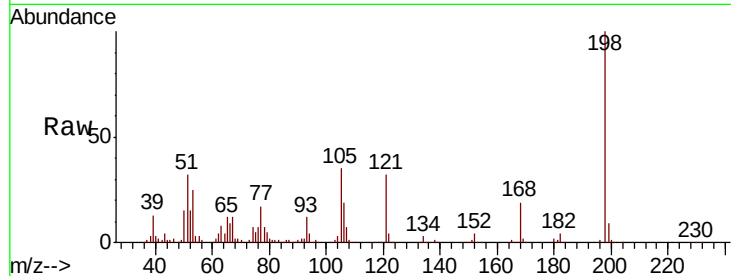
#65
4,6-Dinitro-2-methylphenol
Concen: 56.958 ng
RT: 15.69 min Scan# 2145
Delta R.T. 0.00 min
Lab File: BG046523.D
Acq: 3 Sep 2020 19:29

Instrument :
BNA_G
ClientSampleId :
TR-05-090220MS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	163603		
51	32.2		10.4	50.4
105	35.3		12.4	52.4

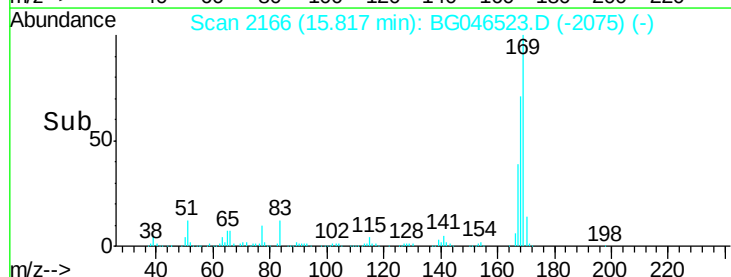
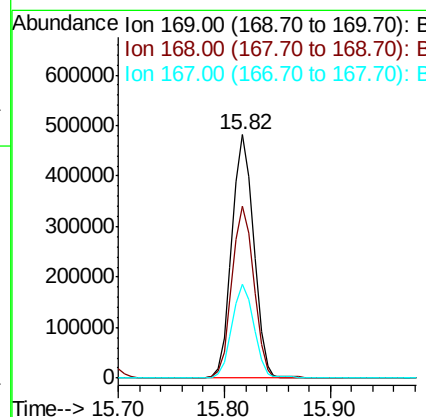
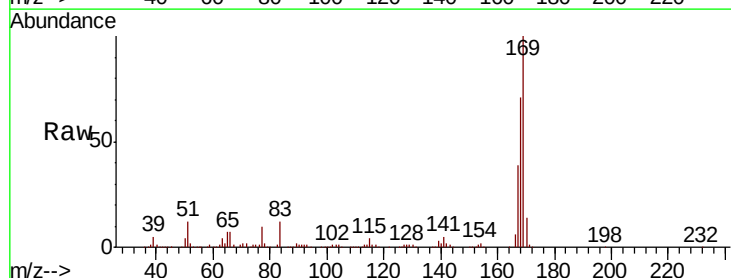
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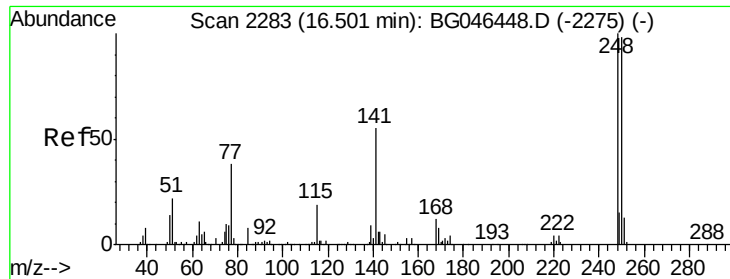
mohammad
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#66
n-Nitrosodiphenylamine
Concen: 50.403 ng
RT: 15.82 min Scan# 2166
Delta R.T. 0.00 min
Lab File: BG046523.D
Acq: 3 Sep 2020 19:29

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	690044		
168	70.7		55.8	83.8
167	38.7		31.0	46.6





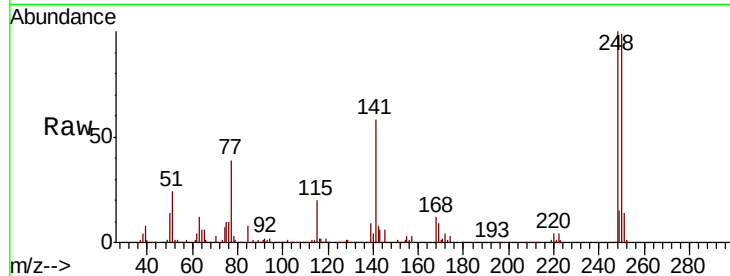
#67
4-Bromophenyl-phenylether
Concen: 49.019 ng
RT: 16.50 min Scan# 2282
Delta R.T. 0.00 min
Lab File: BG046523.D
Acq: 3 Sep 2020 19:29

Instrument :
BNA_G
ClientSampleId :
TR-05-090220MS

Tot Ion	Ratio	Lower	Upper
248	100		
250	99.1	78.6	118.0
141	58.2	43.9	65.9

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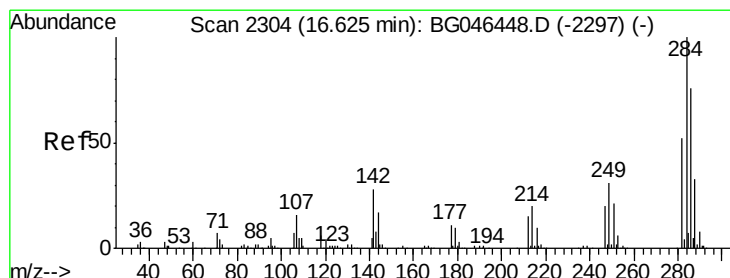
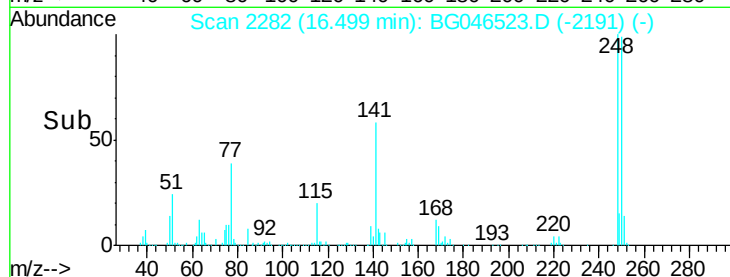
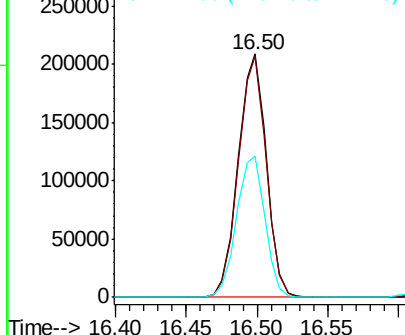


Abundance

Ion 248.00 (247.70 to 248.70): E

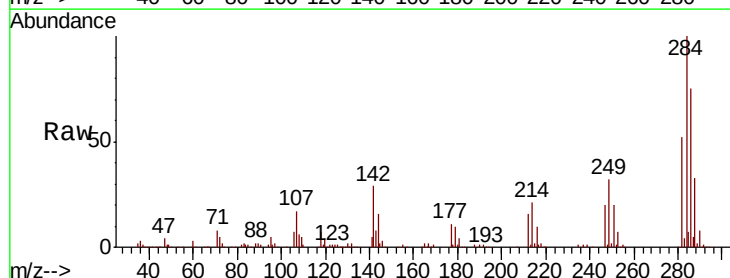
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 47.085 ng
RT: 16.62 min Scan# 2303
Delta R.T. -0.00 min
Lab File: BG046523.D
Acq: 3 Sep 2020 19:29

Tgt Ion	Ratio	Lower	Upper
284	100		
142	28.9	22.3	33.5
249	32.4	24.8	37.2

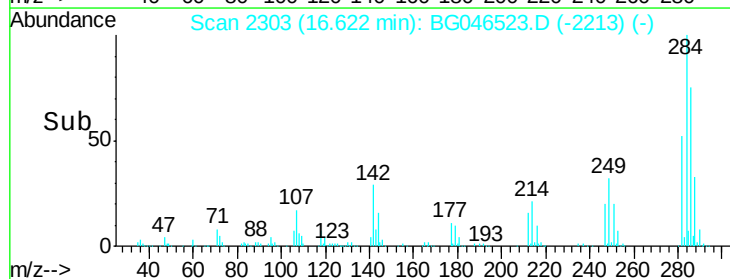
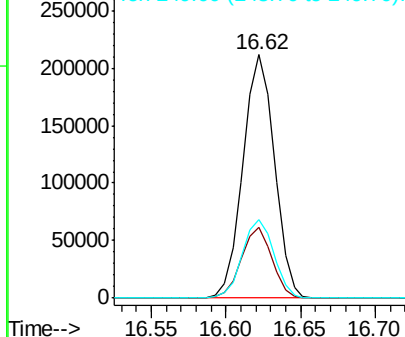


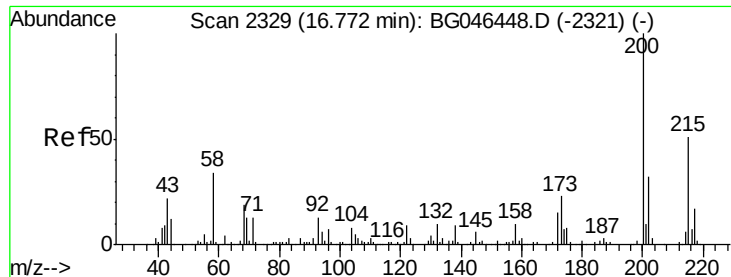
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





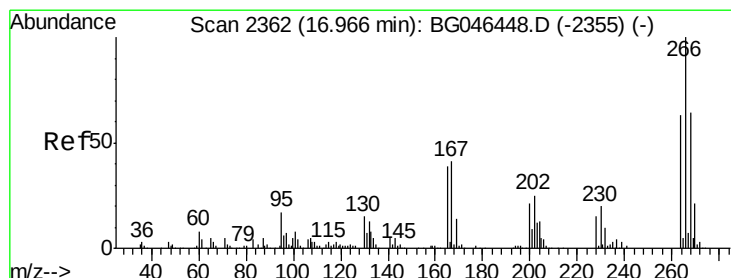
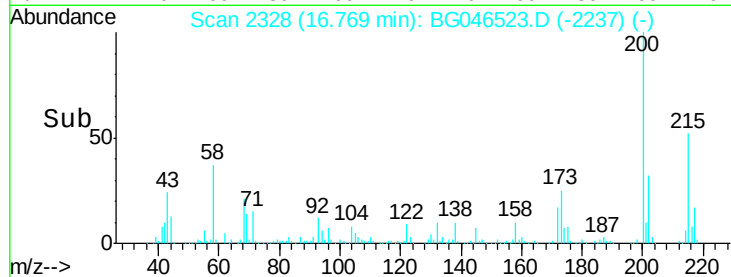
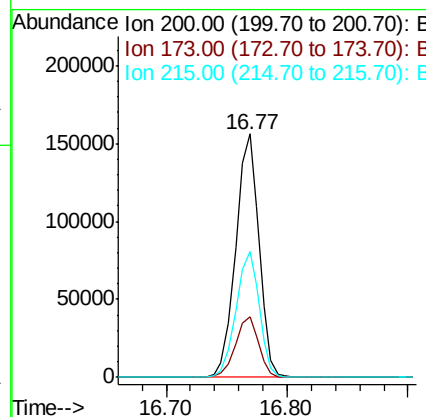
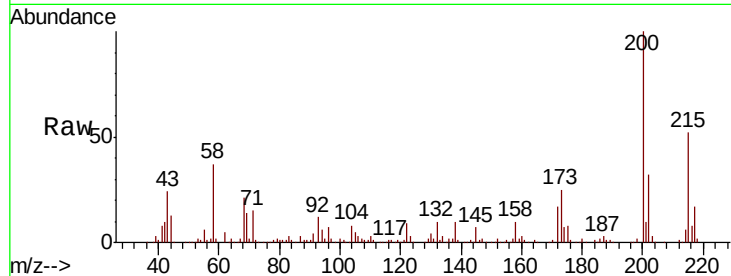
#69
 Atrazine
 Concen: 37.498 ng
 RT: 16.77 min Scan# 2328
 Delta R.T. 0.00 min
 Lab File: BG046523.D
 Acq: 3 Sep 2020 19:29

Instrument :
 BNA_G
 ClientSampleId :
 TR-05-090220MS

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	25.0	3.3	43.3
215	51.9	30.9	70.9

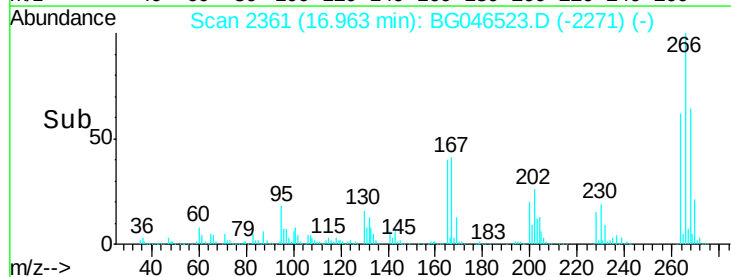
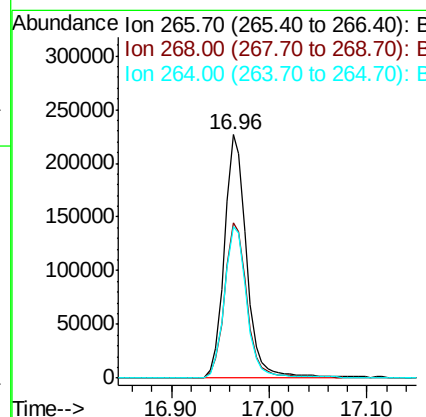
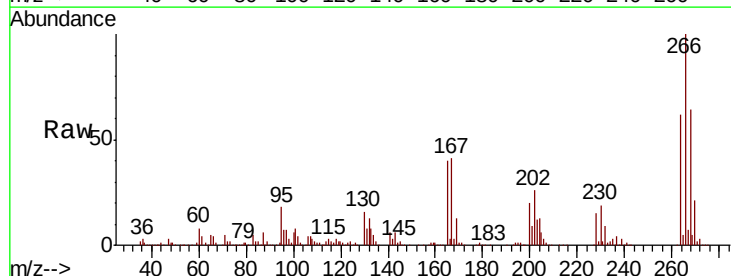
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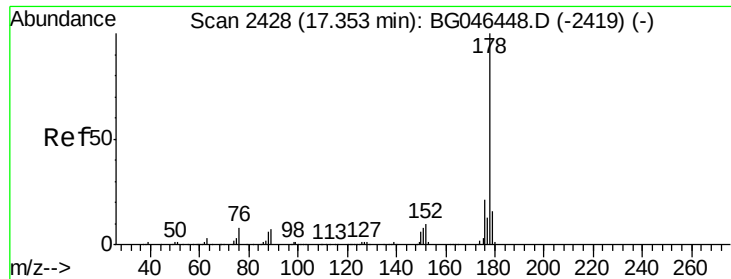
mohammad
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#70
 Pentachlorophenol
 Concen: 104.370 ng
 RT: 16.96 min Scan# 2361
 Delta R.T. -0.00 min
 Lab File: BG046523.D
 Acq: 3 Sep 2020 19:29

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	63.7	51.1	76.7
264	62.5	50.2	75.2





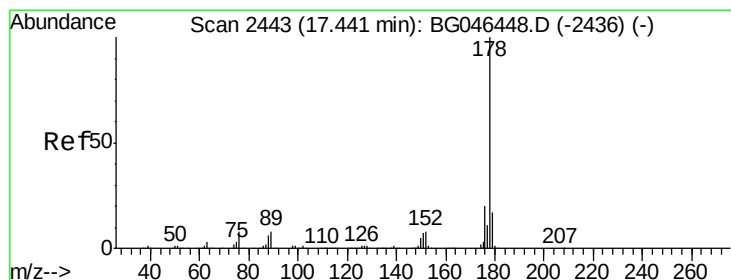
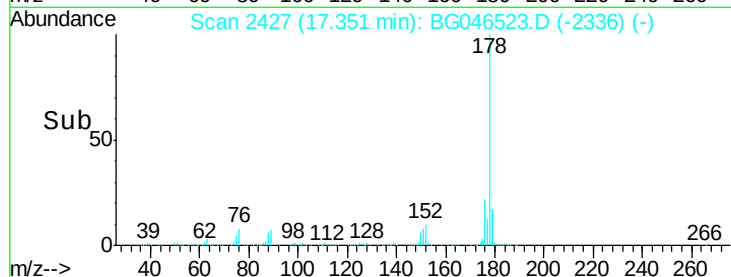
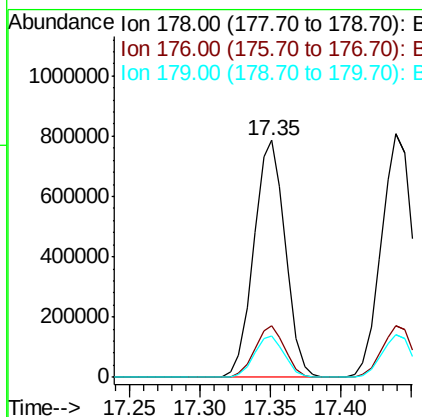
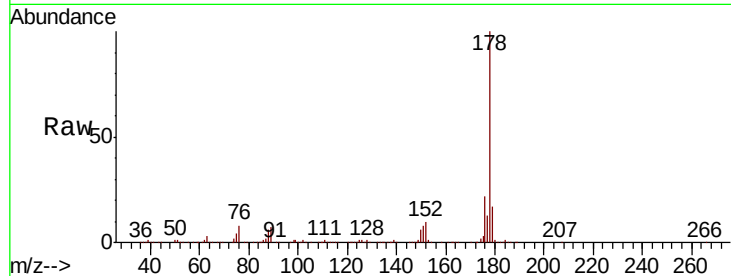
#71
 Phenanthrene
 Concen: 47.823 ng
 RT: 17.35 min Scan# 2427
 Delta R.T. 0.00 min
 Lab File: BG046523.D
 Acq: 3 Sep 2020 19:29

Instrument :
 BNA_G
 ClientSampleId :
 TR-05-090220MS

Tot Ion	Ratio	Lower	Upper
178	100		
176	21.5	16.8	25.2
179	17.4	13.2	19.8

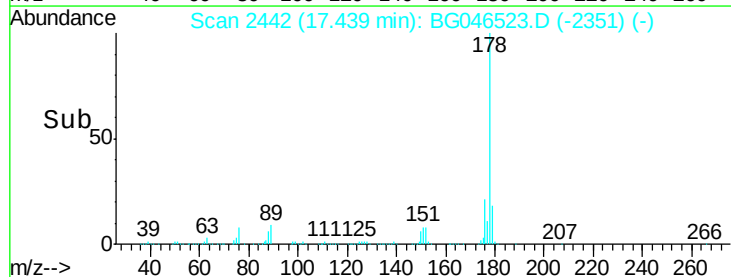
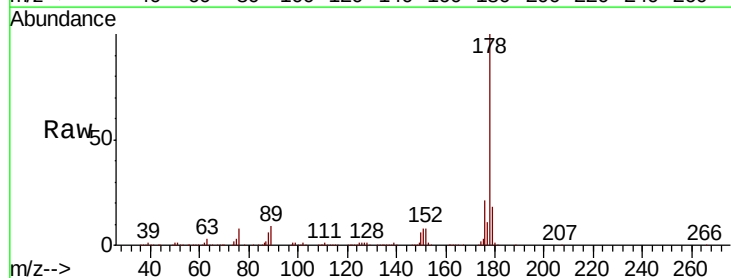
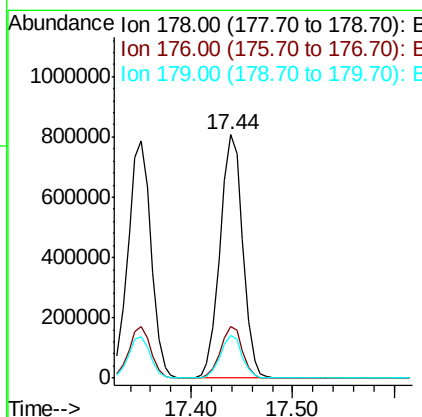
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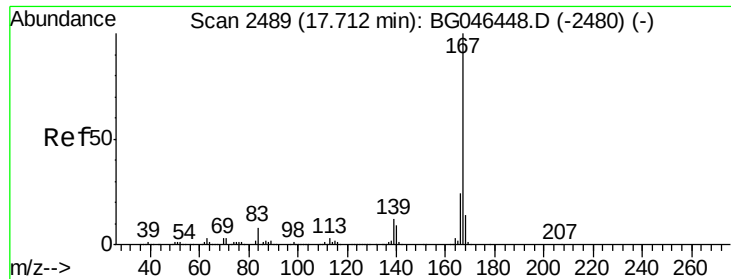
mohammad
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#72
 Anthracene
 Concen: 49.302 ng
 RT: 17.44 min Scan# 2442
 Delta R.T. 0.00 min
 Lab File: BG046523.D
 Acq: 3 Sep 2020 19:29

Tgt Ion	Ratio	Lower	Upper
178	100		
176	21.2	16.1	24.1
179	17.7	13.3	19.9





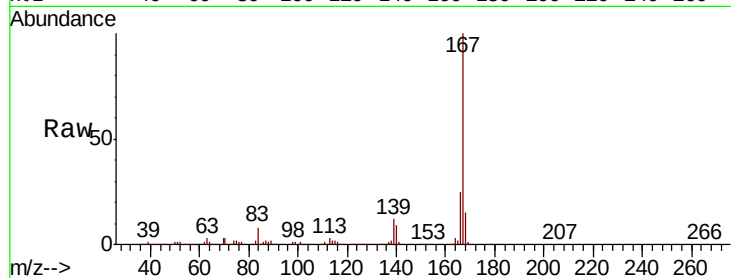
#73
 Carbazole
 Concen: 47.640 ng
 RT: 17.71 min Scan# 2488
 Delta R.T. 0.00 min
 Lab File: BG046523.D
 Acq: 3 Sep 2020 19:29

Instrument :
 BNA_G
 ClientSampleId :
 TR-05-090220MS

Tot Ion	Ion	Ratio	Lower	Upper
167	100			
166	24.9	19.3	28.9	
139	12.3	9.7	14.5	

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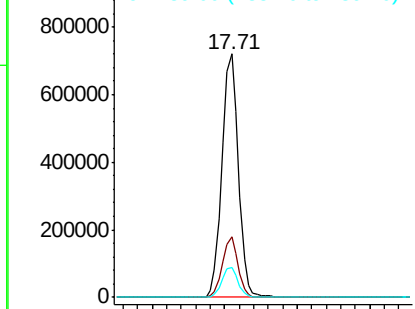


Abundance

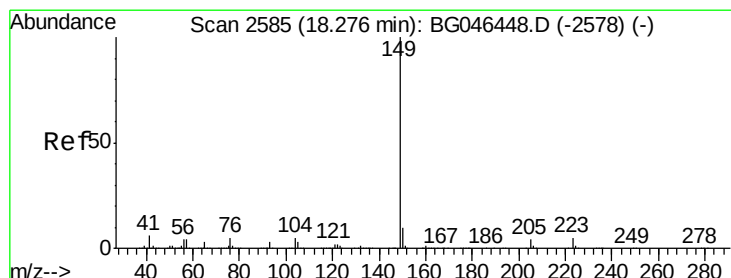
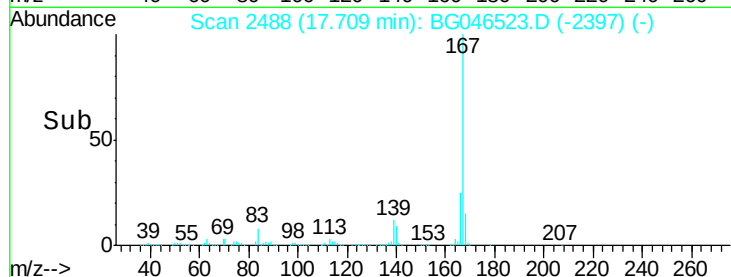
Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

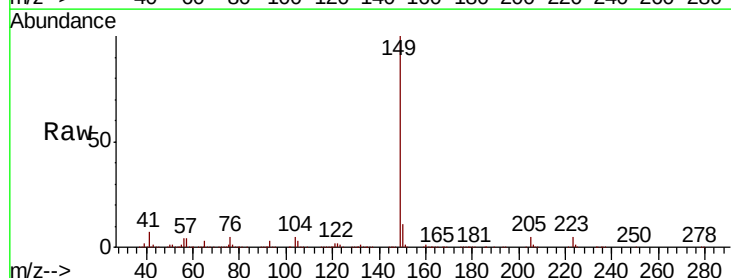


Time-->



#74
 Di-n-butylphthalate
 Concen: 46.902 ng
 RT: 18.27 min Scan# 2584
 Delta R.T. 0.00 min
 Lab File: BG046523.D
 Acq: 3 Sep 2020 19:29

Tgt Ion	Ion	Ratio	Lower	Upper
149	100			
150	10.5	8.1	12.1	
104	5.1	4.0	6.0	

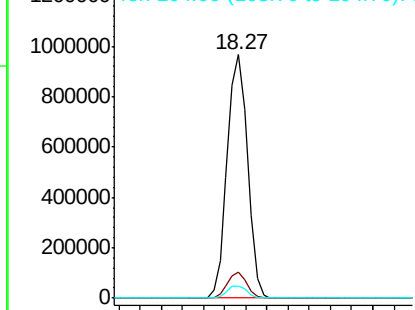


Abundance

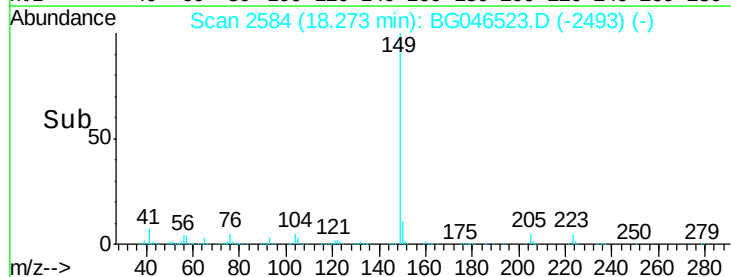
Ion 149.00 (148.70 to 149.70): E

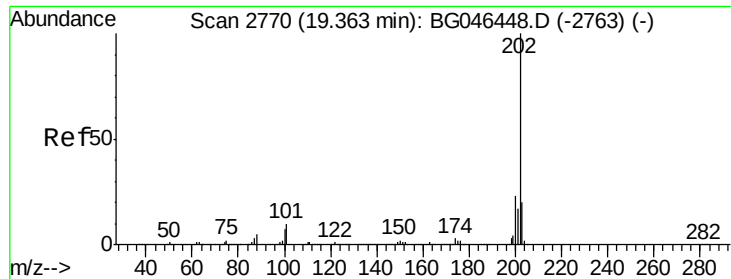
Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



Time-->





#75

Fluoranthene

Concen: 45.902 ng

RT: 19.36 min Scan# 2769

Delta R.T. 0.00 min

Lab File: BG046523.D

Acq: 3 Sep 2020 19:29

Instrument :

BNA_G

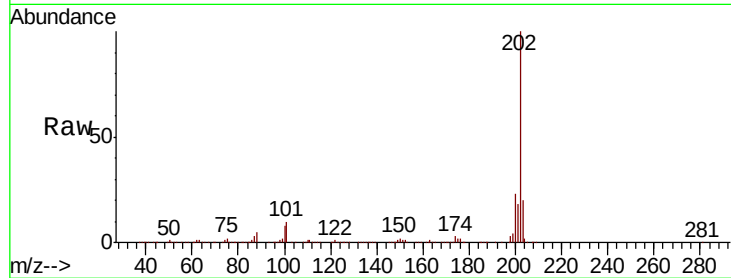
ClientSampleId :

TR-05-090220MS

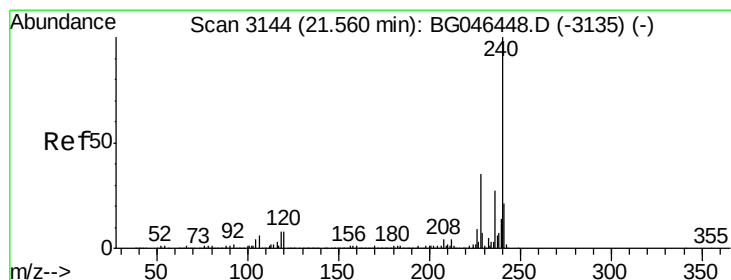
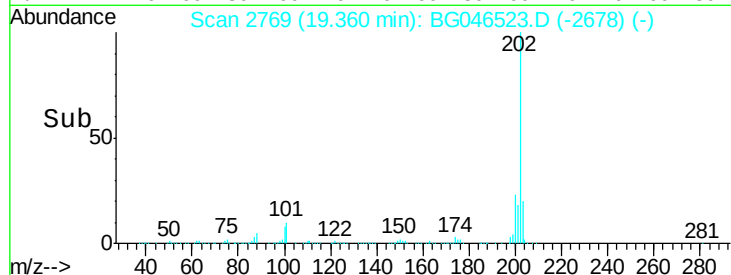
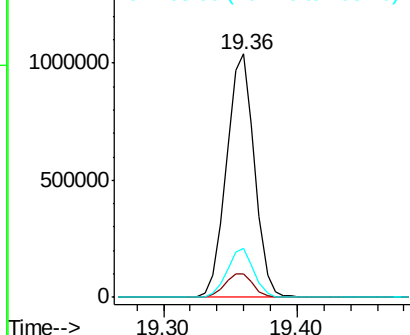
Tot Ion:	202	Resp:	1519435
Ion Ratio		Lower	Upper
202	100		
101	9.6	0.0	29.9
203	20.3	0.0	40.0

Manual Integrations
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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

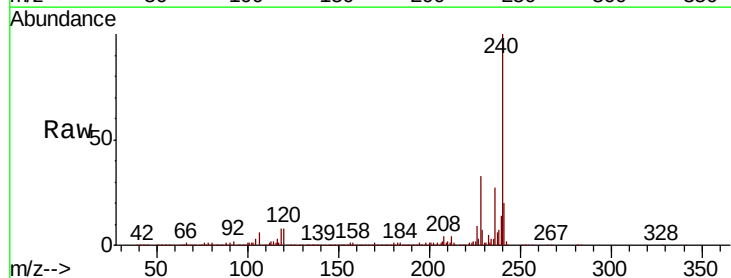
RT: 21.56 min Scan# 3143

Delta R.T. 0.00 min

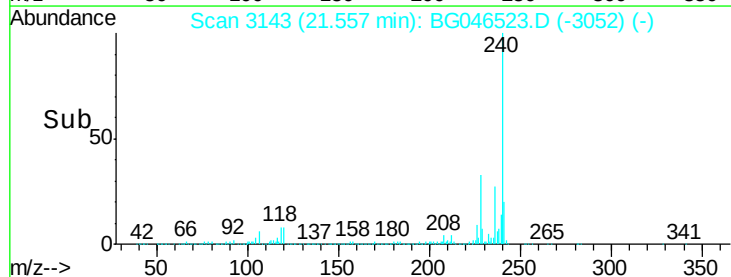
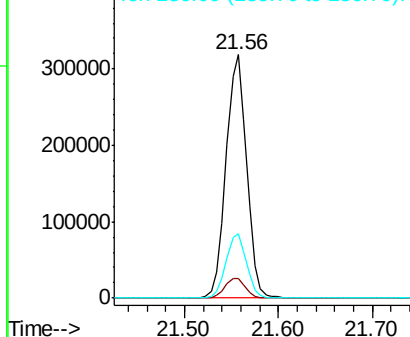
Lab File: BG046523.D

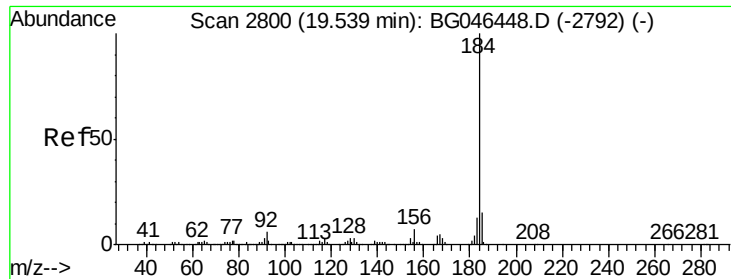
Acq: 3 Sep 2020 19:29

Tgt Ion:	240	Resp:	486204
Ion Ratio		Lower	Upper
240	100		
120	7.9	6.6	10.0
236	26.7	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: 10.650 ng

RT: 19.54 min Scan# 2799

Delta R.T. 0.00 min

Lab File: BG046523.D

Acq: 3 Sep 2020 19:29

Instrument :

BNA_G

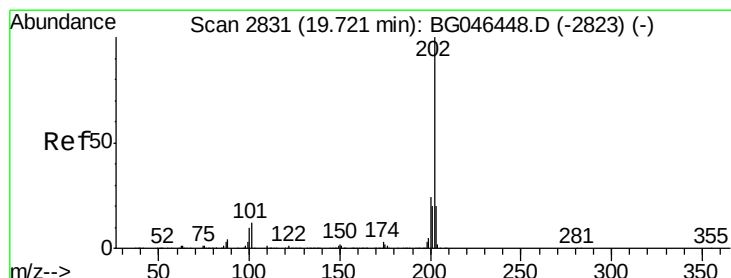
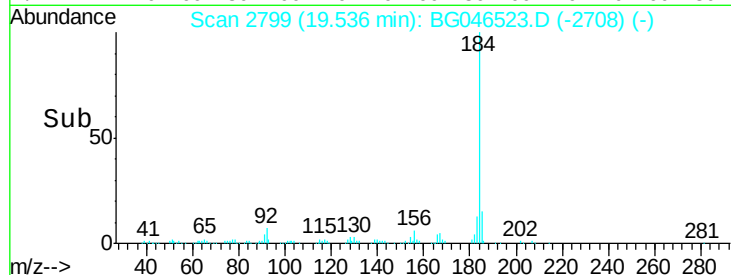
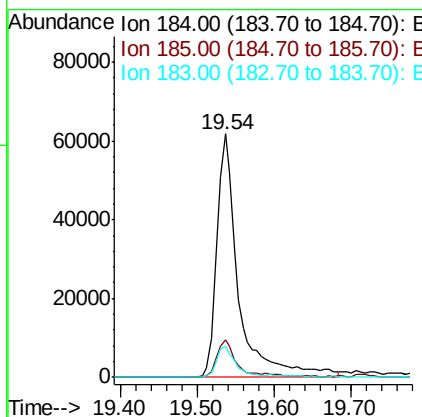
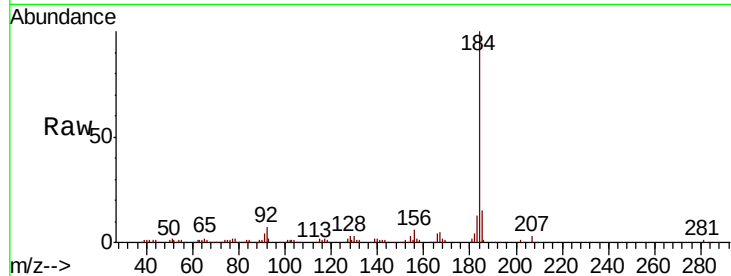
ClientSampleId :

TR-05-090220MS

Tot Ion:	184	Resp:	120317
Ion Ratio	Lower	Upper	
184	100		
185	15.2	11.8	17.8
183	13.0	10.7	16.1

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#78

Pyrene

Concen: 49.215 ng

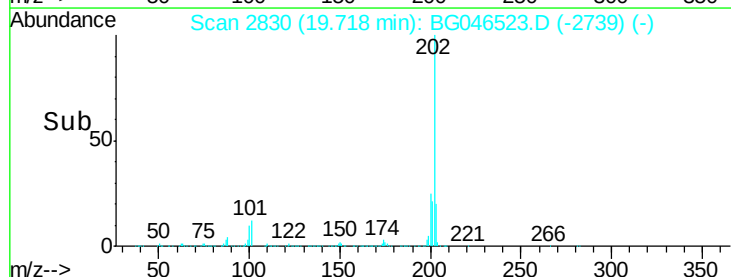
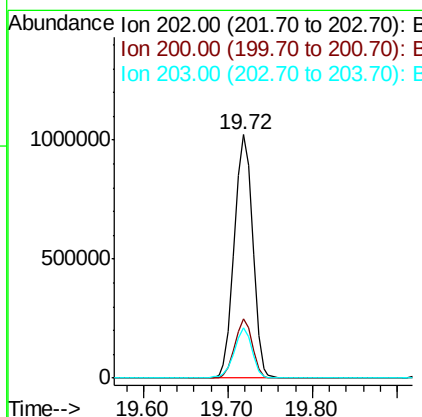
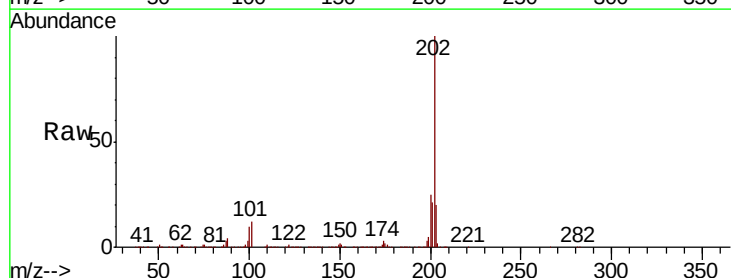
RT: 19.72 min Scan# 2830

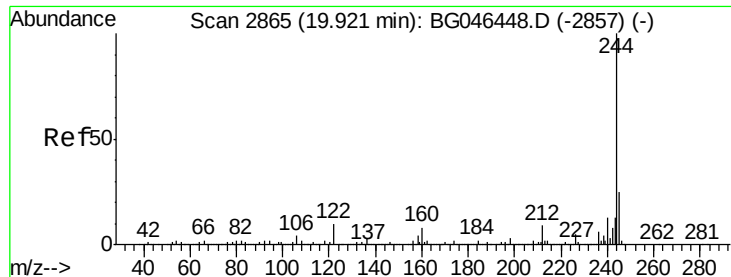
Delta R.T. 0.00 min

Lab File: BG046523.D

Acq: 3 Sep 2020 19:29

Tgt Ion:	202	Resp:	1523756
Ion Ratio	Lower	Upper	
202	100		
200	24.6	18.9	28.3
203	20.4	16.1	24.1





#79

Terphenyl-d14

Concen: 80.027 ng

RT: 19.92 min Scan# 2864

Delta R.T. -0.00 min

Lab File: BG046523.D

Acq: 3 Sep 2020 19:29

Instrument :

BNA_G

ClientSampleId :

TR-05-090220MS

Tot Ion:244 Resp: 1828306

Ion Ratio Lower Upper

244 100

212 8.9 6.9 10.3

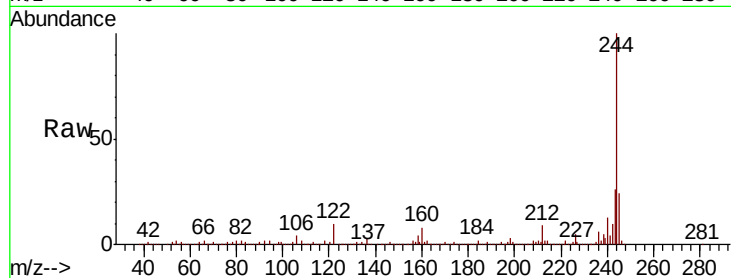
122 10.2 8.2 12.4

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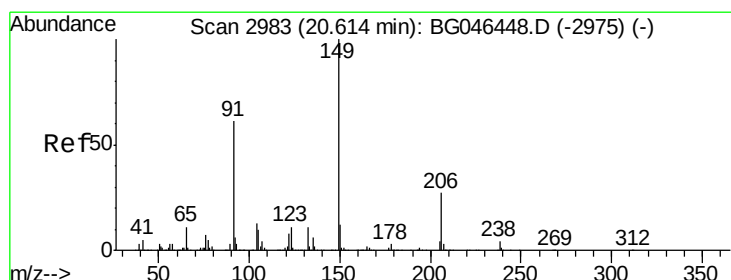
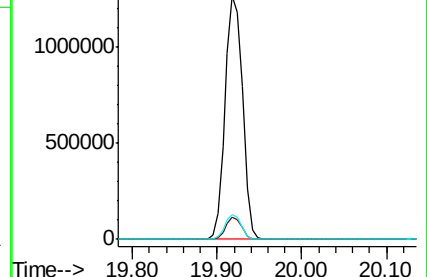
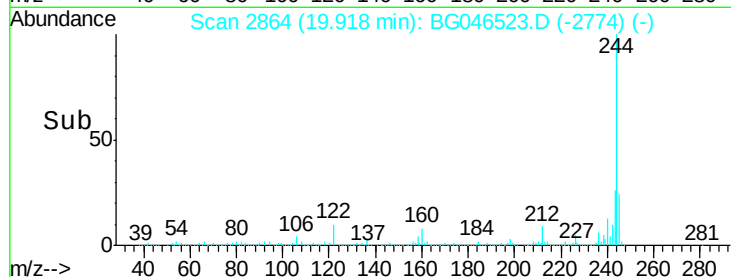
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 49.519 ng

RT: 20.61 min Scan# 2982

Delta R.T. 0.00 min

Lab File: BG046523.D

Acq: 3 Sep 2020 19:29

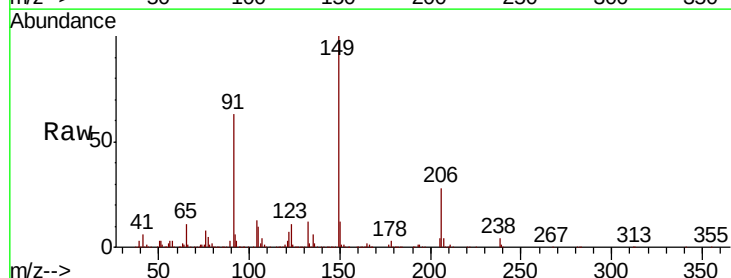
Tgt Ion:149 Resp: 598024

Ion Ratio Lower Upper

149 100

91 63.3 49.1 73.7

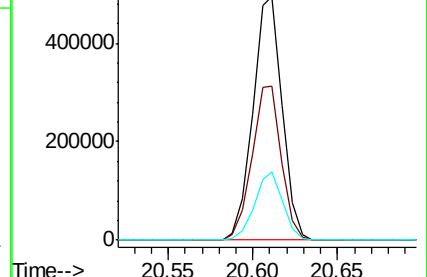
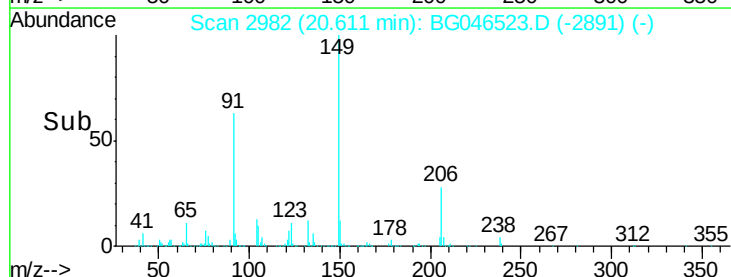
206 27.9 21.9 32.9

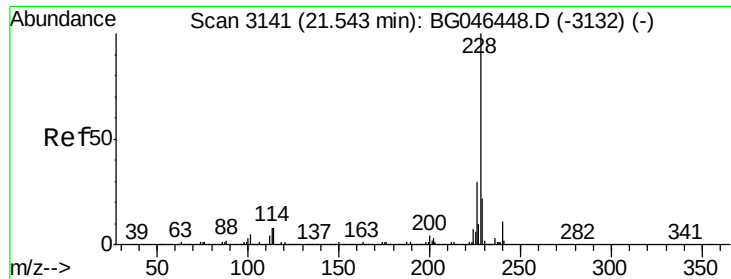


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





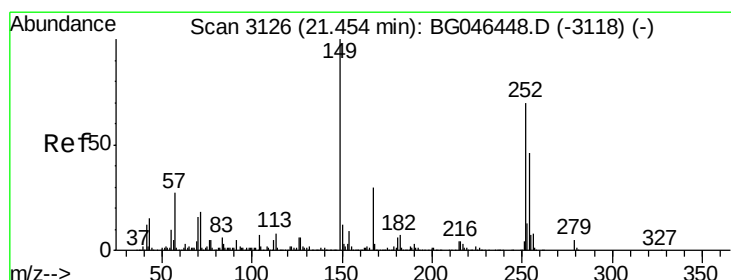
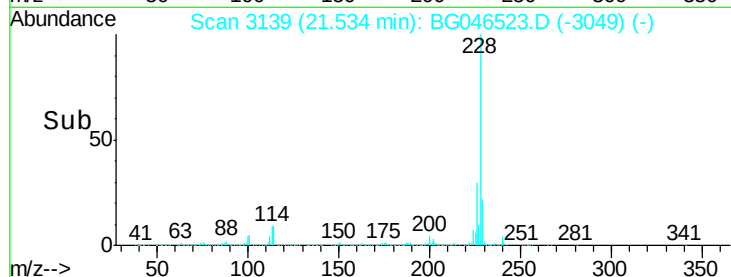
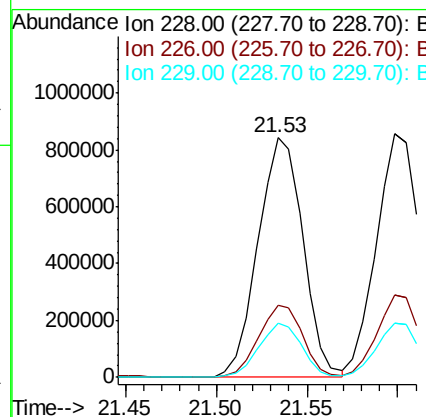
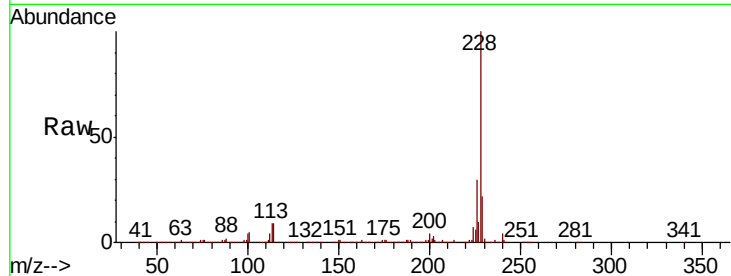
#81
Benzo(a)anthracene
Concen: 47.933 ng
RT: 21.53 min Scan# 3139
Delta R.T. -0.00 min
Lab File: BG046523.D
Acq: 3 Sep 2020 19:29

Instrument :
BNA_G
ClientSampleId :
TR-05-090220MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.2	36.4
229	22.5	17.4	26.2

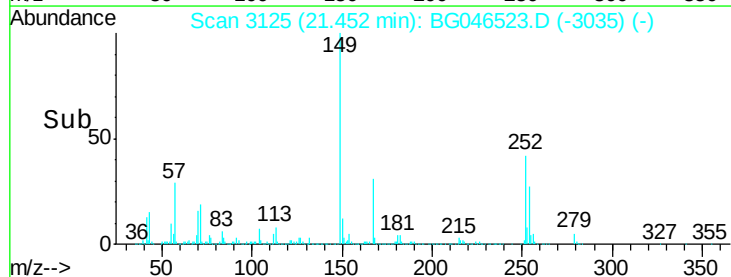
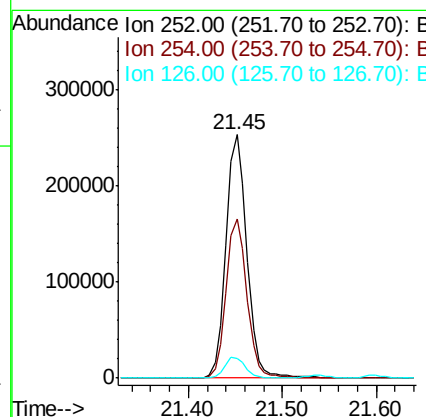
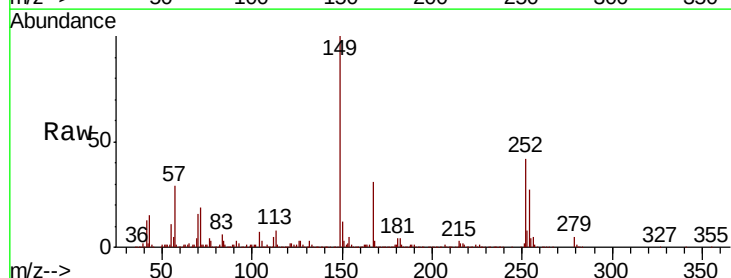
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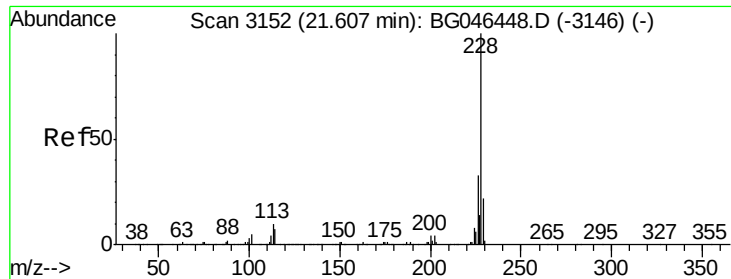
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#82
3,3'-Dichlorobenzidine
Concen: 34.950 ng
RT: 21.45 min Scan# 3125
Delta R.T. -0.00 min
Lab File: BG046523.D
Acq: 3 Sep 2020 19:29

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.3	51.9	77.9
126	8.2	7.4	11.0





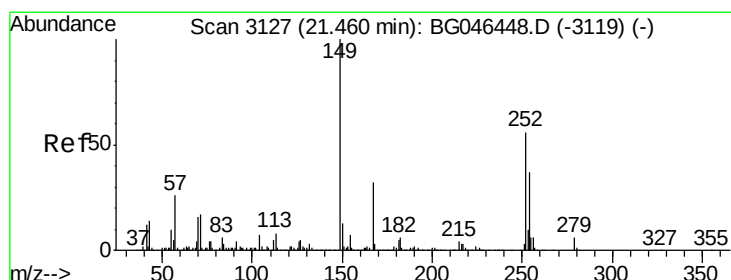
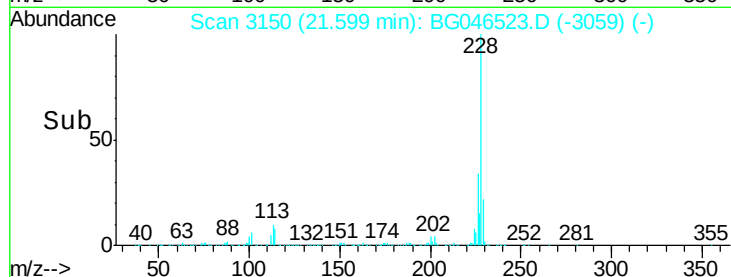
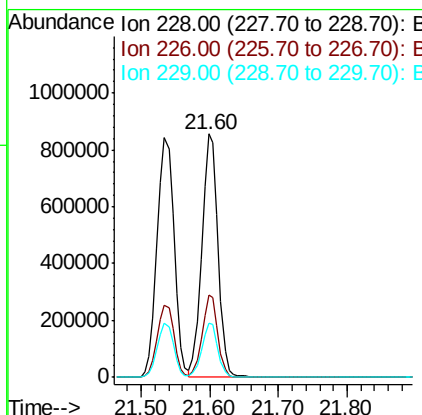
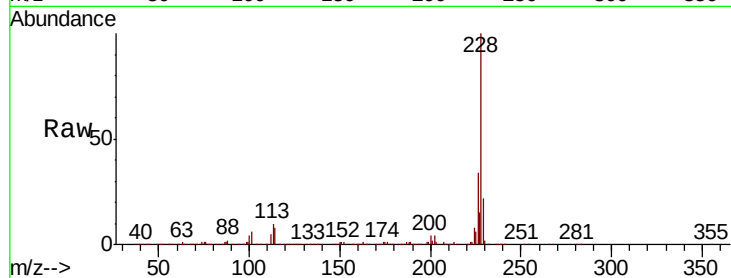
#83
Chrysene
Concen: 48.791 ng
RT: 21.60 min Scan# 3150
Delta R.T. 0.00 min
Lab File: BG046523.D
Acq: 3 Sep 2020 19:29

Instrument :
BNA_G
ClientSampleId :
TR-05-090220MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	33.9	26.2	39.4
229	22.5	17.9	26.9

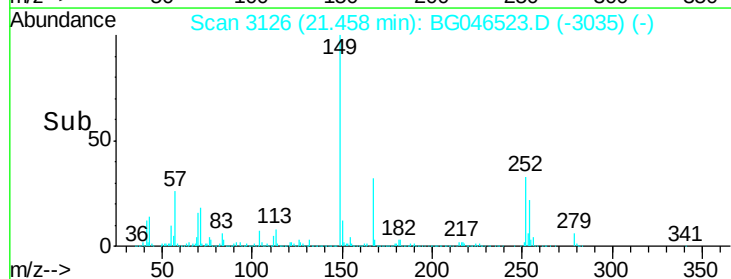
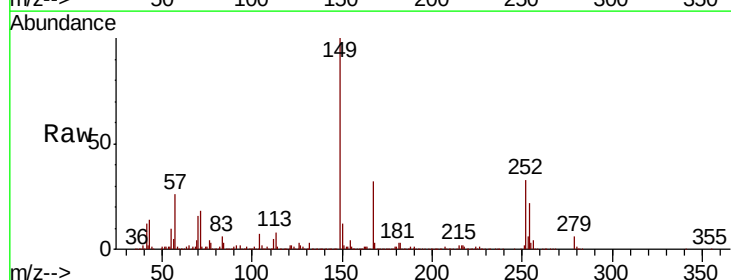
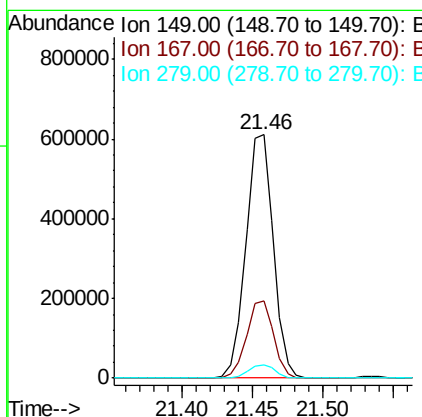
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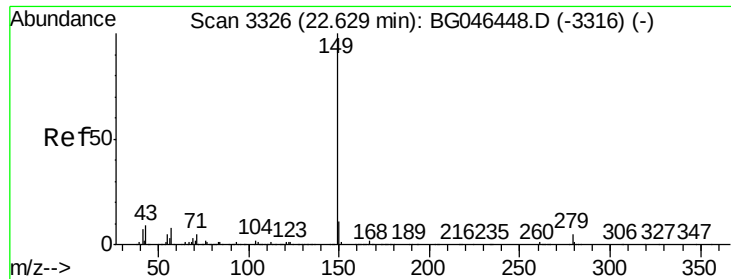
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#84
Bis(2-ethylhexyl)phthalate
Concen: 50.659 ng
RT: 21.46 min Scan# 3126
Delta R.T. 0.00 min
Lab File: BG046523.D
Acq: 3 Sep 2020 19:29

Tgt Ion	Ratio	Lower	Upper
149	100		
167	31.7	25.4	38.2
279	5.6	4.5	6.7





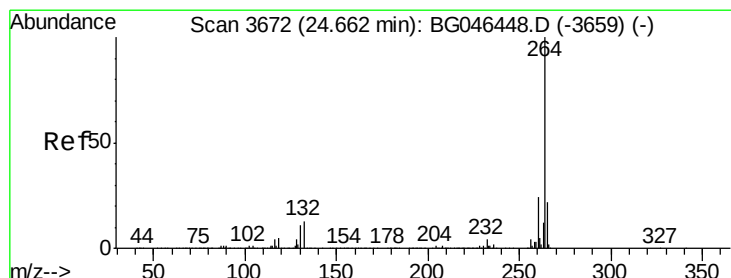
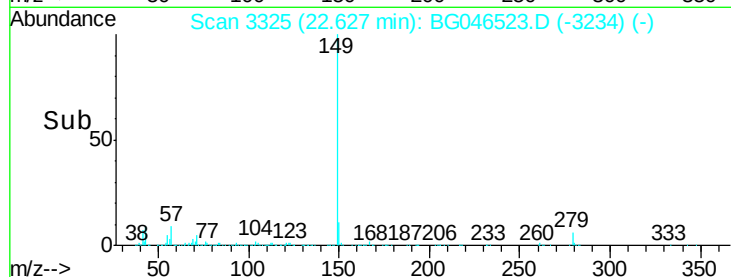
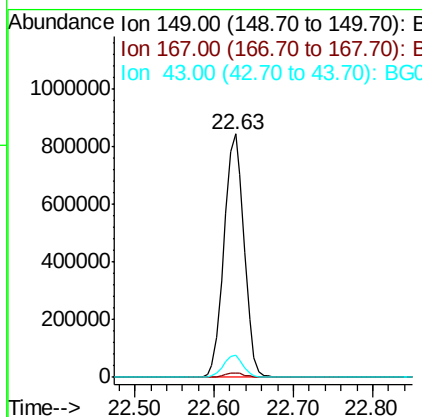
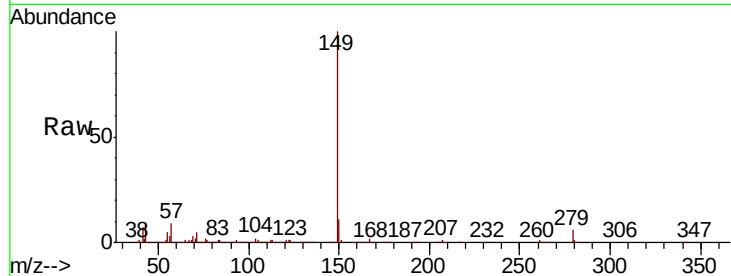
#85
Di-n-octyl phthalate
Concen: 51.934 ng
RT: 22.63 min Scan# 3325
Delta R.T. 0.00 min
Lab File: BG046523.D
Acq: 3 Sep 2020 19:29

Instrument :
BNA_G
ClientSampleId :
TR-05-090220MS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.5	2.3
43	9.0	7.0	10.4

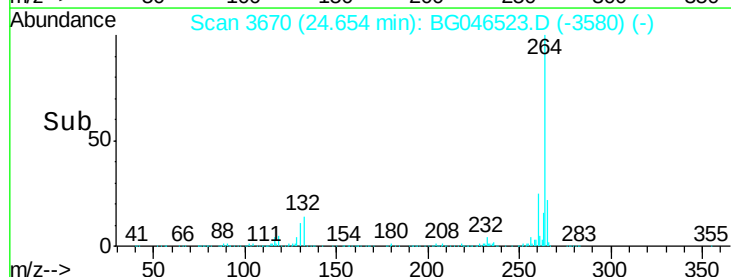
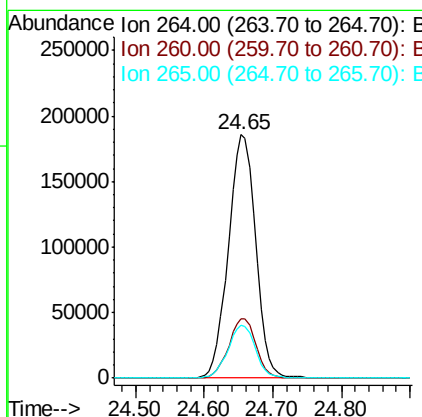
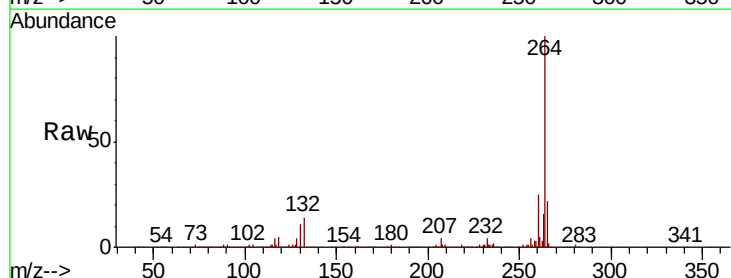
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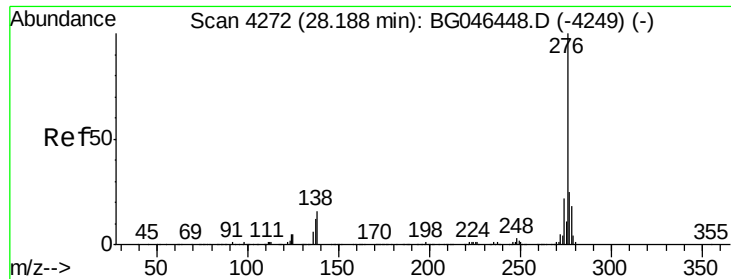
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#86
Perylene-d12
Concen: 20.000 ng
RT: 24.65 min Scan# 3670
Delta R.T. -0.00 min
Lab File: BG046523.D
Acq: 3 Sep 2020 19:29

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.2	28.8
265	21.8	17.9	26.9





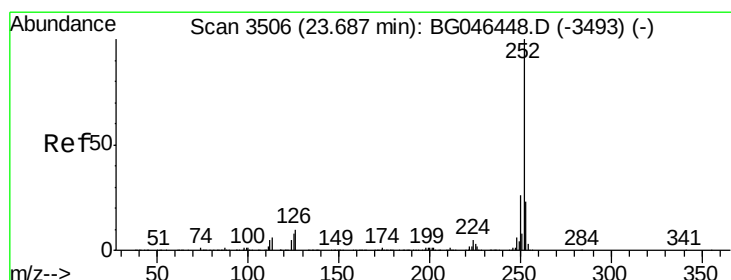
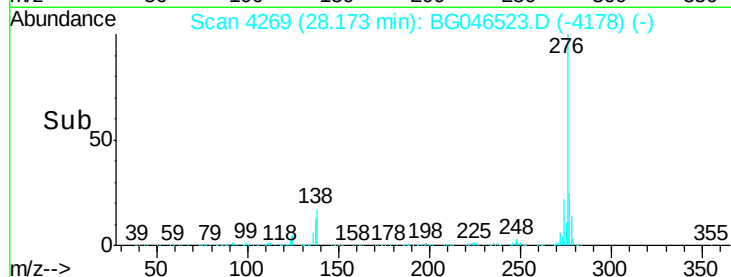
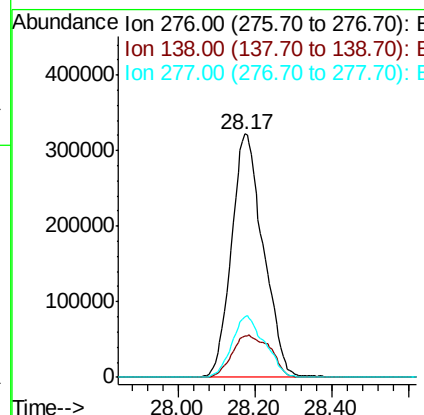
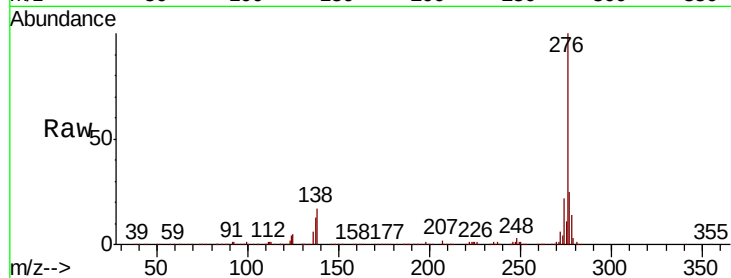
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 50.418 ng
 RT: 28.17 min Scan# 4269
 Delta R.T. 0.00 min
 Lab File: BG046523.D
 Acq: 3 Sep 2020 19:29

Instrument :
 BNA_G
 ClientSampleId :
 TR-05-090220MS

Tot Ion	Ratio	Lower	Upper
276	100		
138	20.7	16.5	24.7
277	26.1	20.7	31.1

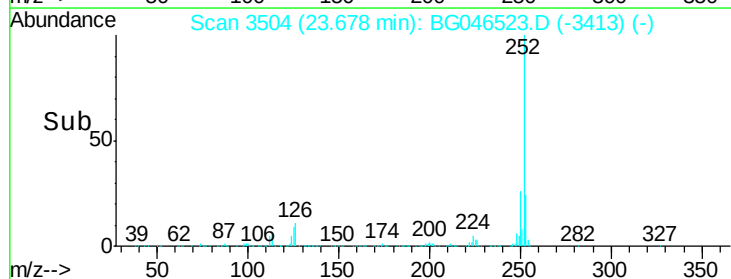
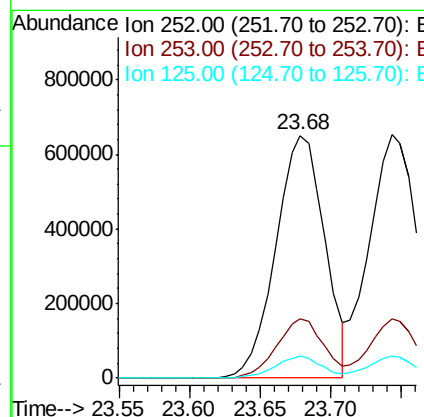
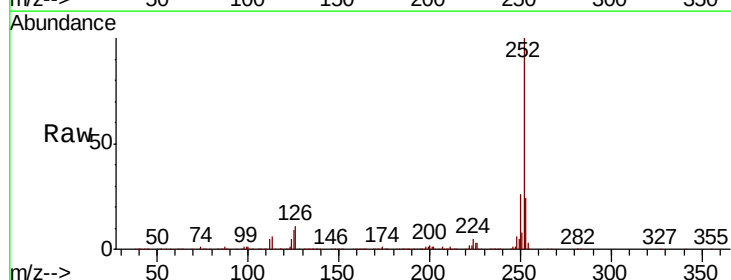
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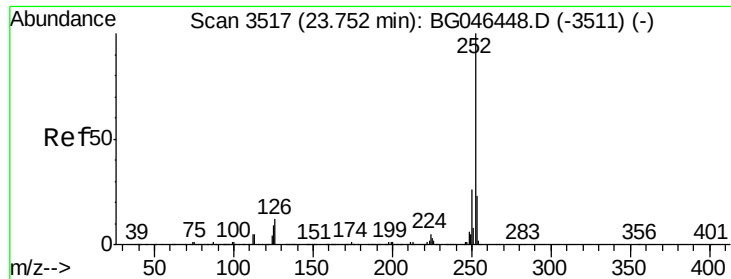
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#88
 Benzo(b)fluoranthene
 Concen: 48.875 ng
 RT: 23.68 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: BG046523.D
 Acq: 3 Sep 2020 19:29

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.5	18.2	27.4
125	9.0	6.2	9.2





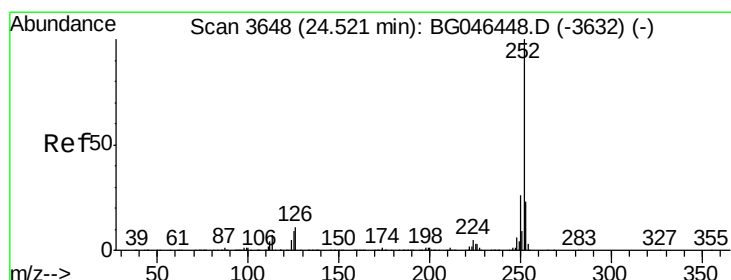
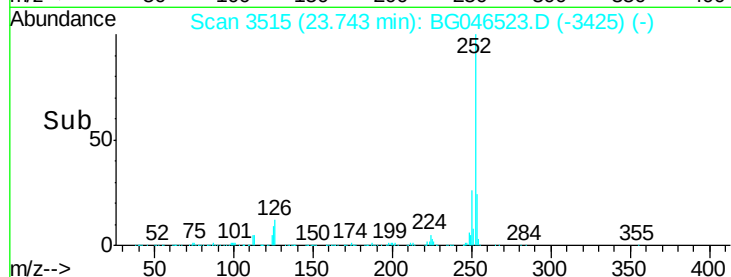
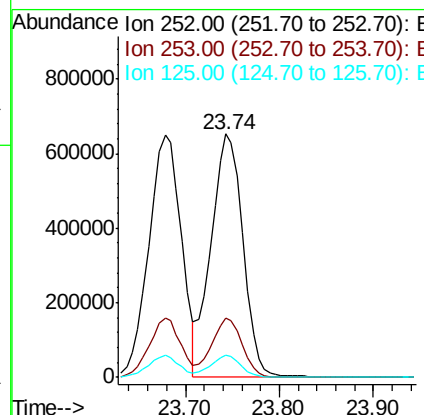
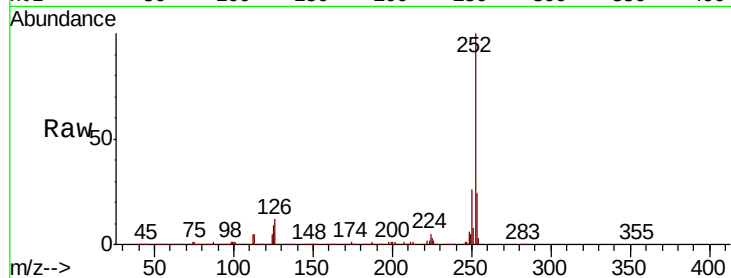
#89
Benzo(k)fluoranthene
Concen: 49.991 ng
RT: 23.74 min Scan# 3515
Delta R.T. -0.00 min
Lab File: BG046523.D
Acq: 3 Sep 2020 19:29

Instrument :
BNA_G
ClientSampleId :
TR-05-090220MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.2	18.5	27.7
125	9.0	6.8	10.2

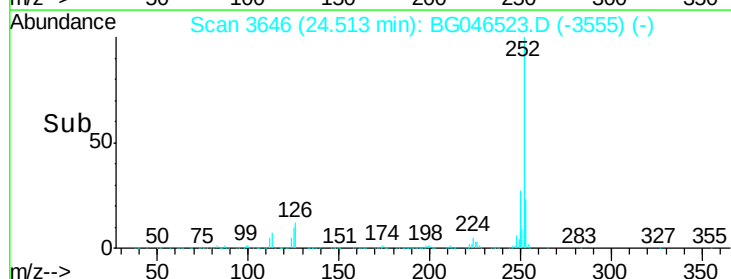
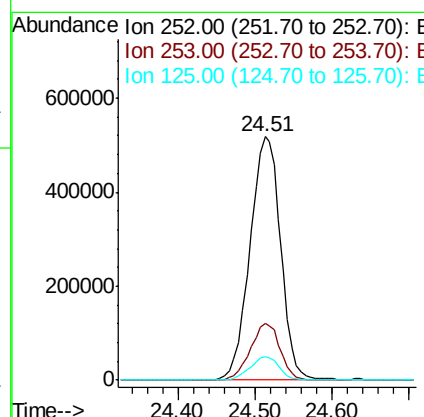
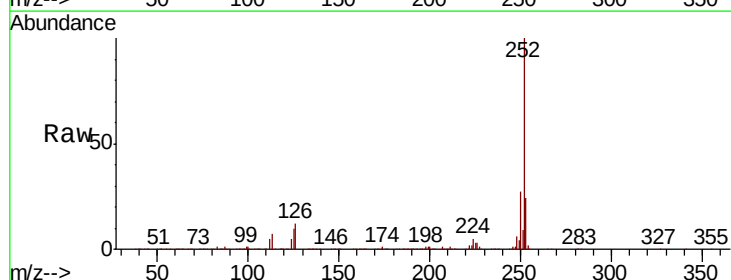
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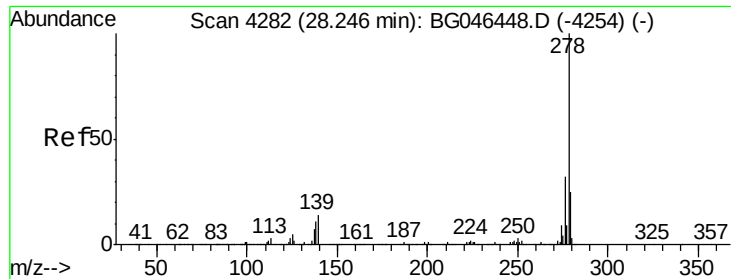
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#90
Benzo(a)pyrene
Concen: 48.153 ng
RT: 24.51 min Scan# 3646
Delta R.T. 0.00 min
Lab File: BG046523.D
Acq: 3 Sep 2020 19:29

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.2	27.4
125	9.5	7.4	11.0





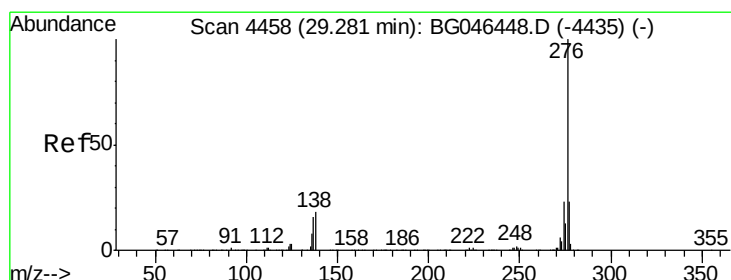
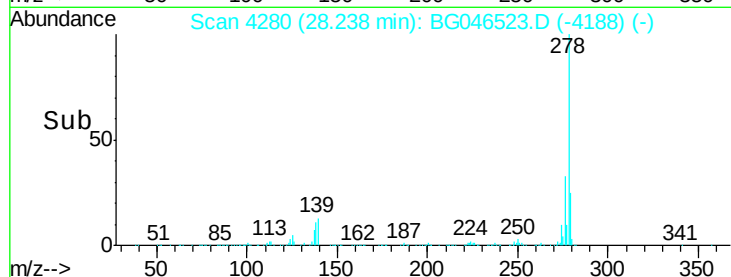
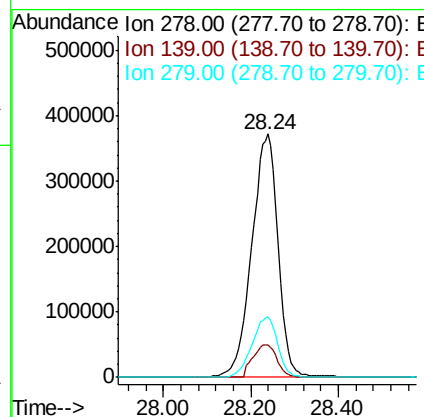
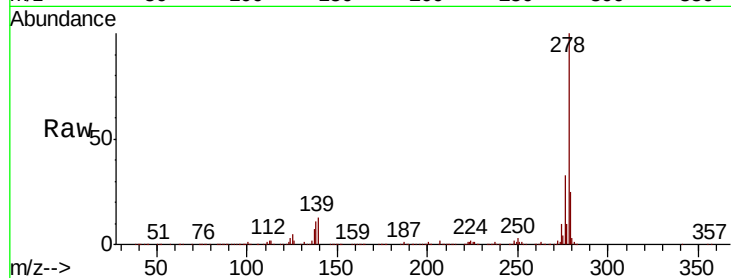
#91
Dibenzo(a,h)anthracene
Concen: 50.947 ng
RT: 28.24 min Scan# 4280
Delta R.T. 0.01 min
Lab File: BG046523.D
Acq: 3 Sep 2020 19:29

Instrument :
BNA_G
ClientSampleId :
TR-05-090220MS

Tot Ion	Ratio	Lower	Upper
278	100		
139	13.3	11.2	16.8
279	24.8	19.8	29.8

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#92
Benzo(g,h,i)perylene
Concen: 52.329 ng
RT: 29.28 min Scan# 4458
Delta R.T. 0.01 min
Lab File: BG046523.D
Acq: 3 Sep 2020 19:29

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.2	18.7	28.1
138	17.4	14.7	22.1

