

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090220\
 Data File : BG046509.D
 Acq On : 2 Sep 2020 18:52
 Operator : CG/JU
 Sample : L3837-03MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 789UMR-DSP01-01MSD

Manual Integrations
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 9/3/2020 1:47:47 PM

Quant Time: Sep 03 01:22:35 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	63600	20.00	ng	0.00
21) Naphthalene-d8	10.73	136	275830	20.00	ng	0.00
39) Acenaphthene-d10	14.56	164	220244	20.00	ng	0.00
64) Phenanthrene-d10	17.31	188	564228	20.00	ng	0.00
76) Chrysene-d12	21.56	240	528068	20.00	ng	0.00
86) Perylene-d12	24.66	264	562898	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.52	112	422999	117.80	ng	0.00
7) Phenol-d6	7.11	99	522554	102.66	ng	0.00
23) Nitrobenzene-d5	9.09	82	419761	86.98	ng	0.00
42) 2,4,6-Tribromophenol	16.06	330	357336	119.74	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	1139153	78.96	ng	0.00
79) Terphenyl-d14	19.92	244	1929162	77.75	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.42	88	47732	31.951	ng	# 91
3) Pyridine	3.82	79	146901	33.609	ng	95
4) n-Nitrosodimethylamine	3.72	42	72293	44.844	ng	95
6) Aniline	7.25	93	173966	30.370	ng	99
8) 2-Chlorophenol	7.50	128	195780	51.587	ng	98
9) Benzaldehyde	7.07	77	123383	43.263	ng	94
10) Phenol	7.13	94	212292	45.280	ng	97
11) bis(2-Chloroethyl)ether	7.35	93	184703	49.011	ng	98
12) 1,3-Dichlorobenzene	7.82	146	185203	38.437	ng	99
13) 1,4-Dichlorobenzene	7.97	146	190106	39.409	ng	98
14) 1,2-Dichlorobenzene	8.28	146	188929	40.846	ng	97
15) Benzyl Alcohol	8.17	79	185886	56.879	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.46	45	275249	47.086	ng	99
17) 2-Methylphenol	8.38	107	176149	52.977	ng	98
18) Hexachloroethane	9.01	117	61125	37.372	ng	97
19) n-Nitroso-di-n-propylamine	8.73	70	162639	53.414	ng	98
20) 3+4-Methylphenols	8.71	107	243605	53.079	ng	98
22) Acetophenone	8.75	105	305255	45.464	ng	# 99
24) Nitrobenzene	9.13	77	222104	46.584	ng	98
25) Isophorone	9.65	82	468285	52.927	ng	99
26) 2-Nitrophenol	9.84	139	123977	49.285	ng	96
27) 2,4-Dimethylphenol	9.91	122	205831	59.492	ng	95
28) bis(2-Chloroethoxy)methane	10.13	93	271193	47.621	ng	100
29) 2,4-Dichlorophenol	10.38	162	237242	51.437	ng	99
30) 1,2,4-Trichlorobenzene	10.59	180	223524	40.845	ng	97
31) Naphthalene	10.78	128	596304	44.276	ng	99
32) Benzoic acid	10.06	122	86616	36.965	ng	93
33) 4-Chloroaniline	10.89	127	42837	7.213	ng	96
34) Hexachlorobutadiene	11.07	225	134531	37.870	ng	99
35) Caprolactam	11.67	113	72590m	42.104	ng	
36) 4-Chloro-3-methylphenol	12.02	107	258425	57.287	ng	95
37) 2-Methylnaphthalene	12.38	142	508659	47.889	ng	99
38) 1-Methylnaphthalene	12.61	142	486660	48.370	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.76	216	306082	42.144	ng	99

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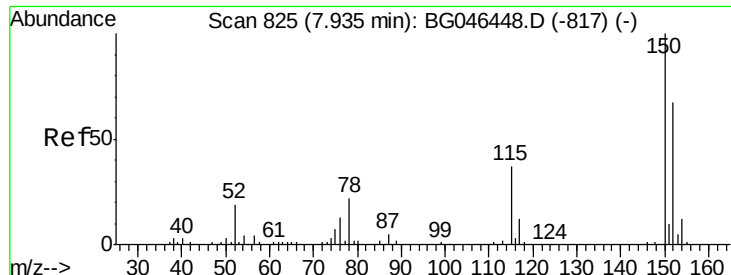
Manual Integrations
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Quant Time: Sep 03 01:22:35 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 02 15:06:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.74	237	264436	83.734	nq	99
43) 2,4,6-Trichlorophenol	13.00	196	235201	47.989	nq	98
44) 2,4,5-Trichlorophenol	13.08	196	259879	50.467	nq	99
46) 1,1'-Biphenyl	13.39	154	706618	46.114	nq	99
47) 2-Chloronaphthalene	13.44	162	558732	43.006	nq	99
48) 2-Nitroaniline	13.63	65	177495	49.200	nq	96
49) Acenaphthylene	14.29	152	920438	46.704	nq	99
50) Dimethylphthalate	14.02	163	898676	52.742	nq	99
51) 2,6-Dinitrotoluene	14.13	165	191493	50.983	nq	99
52) Acenaphthene	14.63	154	564120	46.191	nq	99
53) 3-Nitroaniline	14.46	138	85074	20.910	nq	98
54) 2,4-Dinitrophenol	14.67	184	204964	93.488	nq	97
55) Dibenzofuran	14.96	168	924171	47.153	nq	99
56) 4-Nitrophenol	14.79	139	271637	90.719	nq	96
57) 2,4-Dinitrotoluene	14.93	165	276361	51.602	nq	98
58) Fluorene	15.61	166	799458	48.600	nq	100
59) 2,3,4,6-Tetrachlorophenol	15.19	232	251659	50.326	nq	98
60) Diethylphthalate	15.39	149	827631	49.818	nq	99
61) 4-Chlorophenyl-phenylether	15.60	204	432088	47.695	nq	97
62) 4-Nitroaniline	15.63	138	192913	44.937	nq	98
63) Azobenzene	15.90	77	687336	50.862	nq	98
65) 4,6-Dinitro-2-methylphenol	15.70	198	169786	53.165	nq	97
66) n-Nitrosodiphenylamine	15.82	169	740693	48.660	nq	99
67) 4-Bromophenyl-phenylether	16.50	248	308924	46.930	nq	97
68) Hexachlorobenzene	16.63	284	323155	44.327	nq	99
69) Atrazine	16.77	200	241618	38.910	nq	99
70) Pentachlorophenol	16.97	266	380652	99.935	nq	99
71) Phenanthrene	17.35	178	1307477	45.718	nq	99
72) Anthracene	17.44	178	1343711	47.621	nq	97
73) Carbazole	17.71	167	1224192	45.951	nq	99
74) Di-n-butylphthalate	18.27	149	1390058	45.376	nq	98
75) Fluoranthene	19.36	202	1599570	43.462	nq	99
77) Benzidine	19.53	184	374198	30.495	nq	98
78) Pyrene	19.72	202	1590329	47.293	nq	98
80) Butylbenzylphthalate	20.61	149	626438	47.760	nq	96
81) Benzo(a)anthracene	21.54	228	1523171	46.277	nq	98
82) 3,3'-Dichlorobenzidine	21.45	252	347617	28.459	nq	98
83) Chrysene	21.60	228	1480258	46.753	nq	98
84) Bis(2-ethylhexyl)phthalate	21.46	149	877872	49.044	nq	100
85) Di-n-octyl phthalate	22.63	149	1512695	49.355	nq	99
87) Indeno(1,2,3-cd)pyrene	28.18	276	1912922	47.316	nq	100
88) Benzo(b)fluoranthene	23.68	252	1609414	45.790	nq	96
89) Benzo(k)fluoranthene	23.75	252	1581155	46.547	nq	98
90) Benzo(a)pyrene	24.52	252	1482021	45.182	nq	99
91) Dibenzo(a,h)anthracene	28.24	278	1555865	47.690	nq	98
92) Benzo(g,h,i)perylene	29.28	276	1593190	48.903	nq	99

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



#1

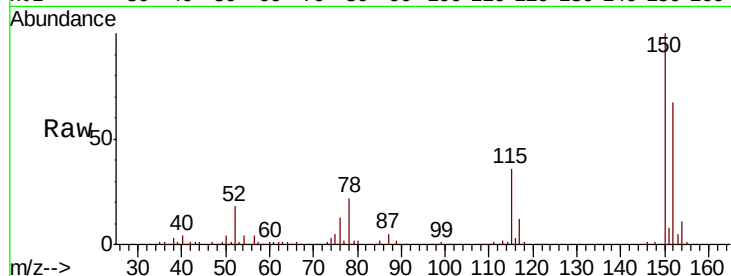
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.93 min Scan# 824
Delta R.T. -0.00 min
Lab File: BG046509.D
Acq: 2 Sep 2020 18:52

Instrument :
BNA_G
ClientSampleId :
789UMR-DSP01-01MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	150.2	119.5	179.3
115	54.2	44.3	66.5

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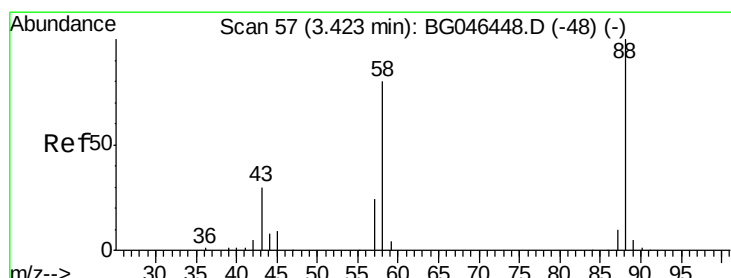
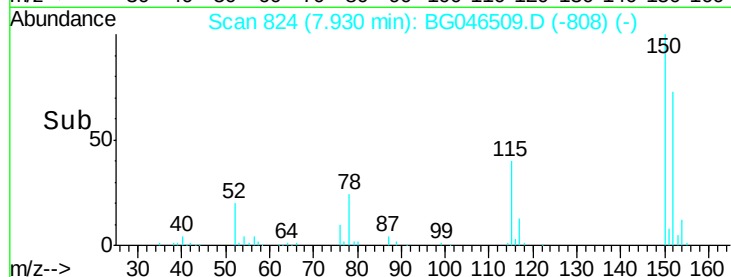
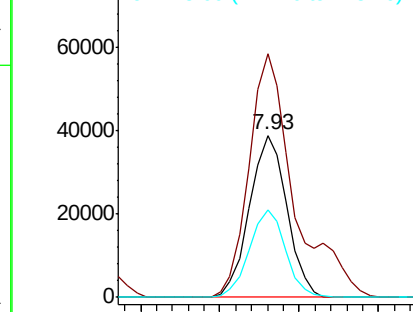


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

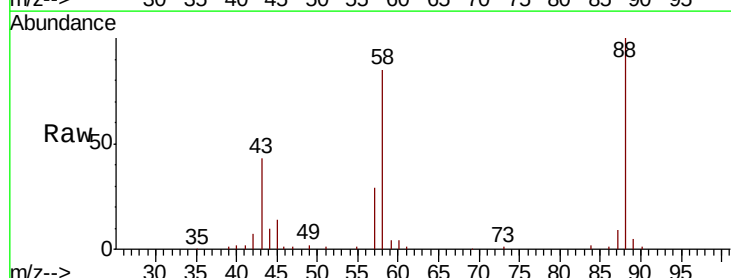
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 31.951 ng
RT: 3.42 min Scan# 57
Delta R.T. 0.00 min
Lab File: BG046509.D
Acq: 2 Sep 2020 18:52

Tgt Ion	Ratio	Lower	Upper
88	100		
58	83.0	61.4	92.2
43	34.4	21.6	32.4

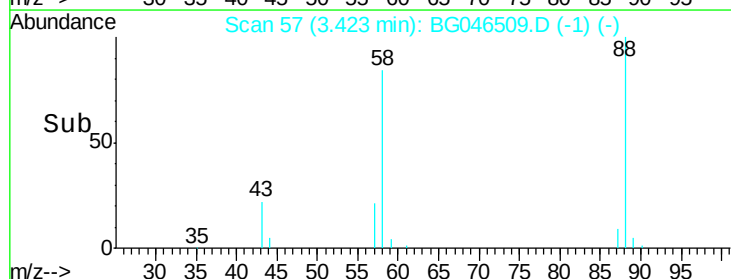
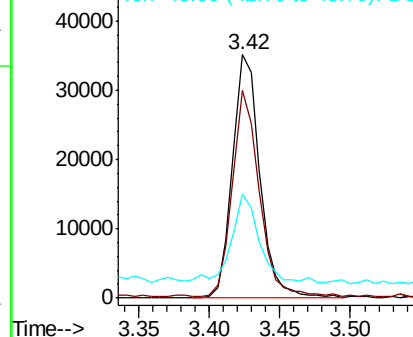


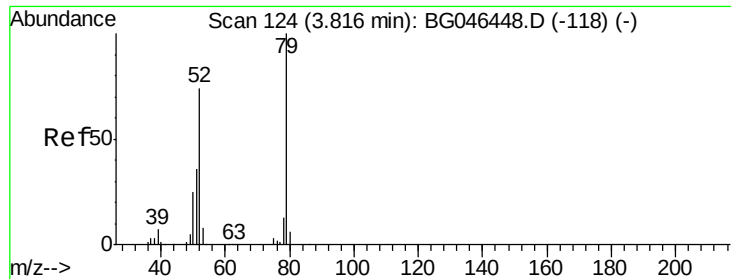
Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 33.609 ng

RT: 3.82 min Scan# 125

Delta R.T. 0.01 min

Lab File: BG046509.D

Acq: 2 Sep 2020 18:52

Instrument :

BNA_G

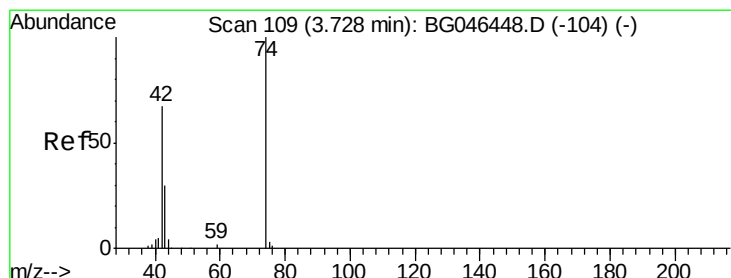
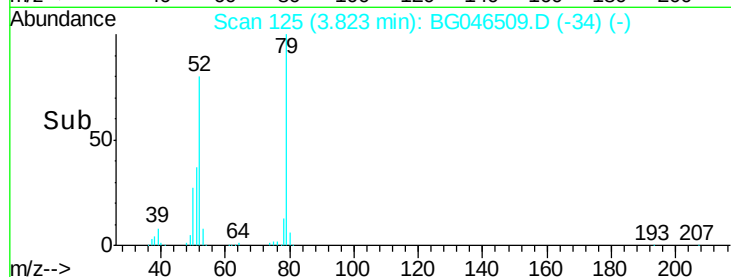
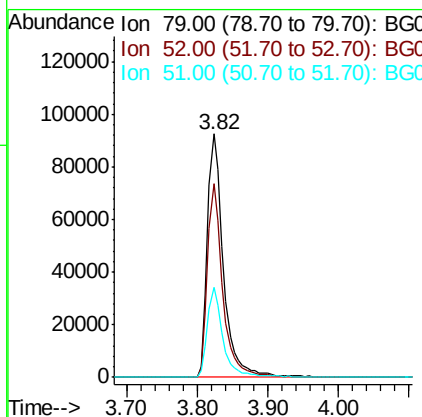
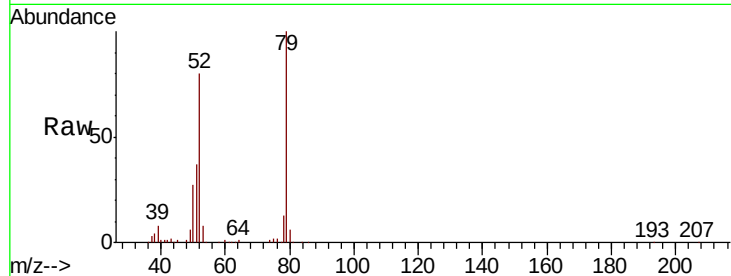
ClientSampleId :

789UMR-DSP01-01MSD

Tot Ion:	79	Resp:	146901
Ion	Ratio	Lower	Upper
79	100		
52	79.7	59.1	88.7
51	37.0	29.0	43.6

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#4

n-Nitrosodimethylamine

Concen: 44.844 ng

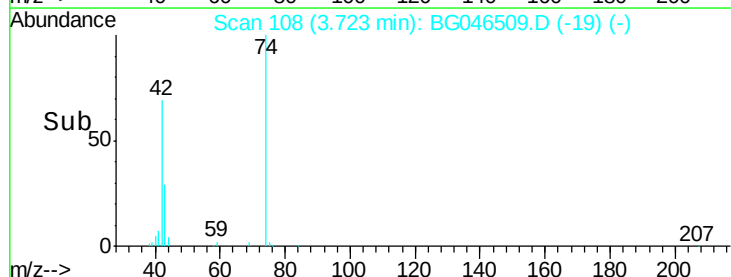
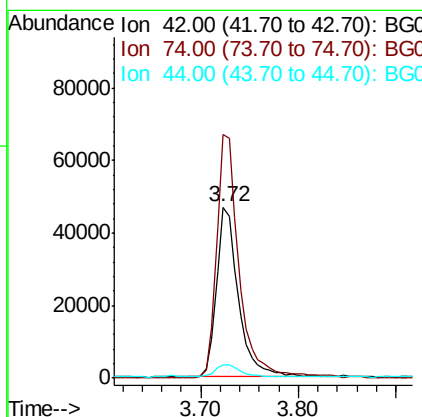
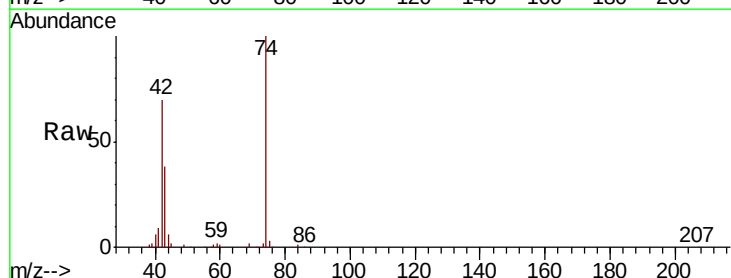
RT: 3.72 min Scan# 108

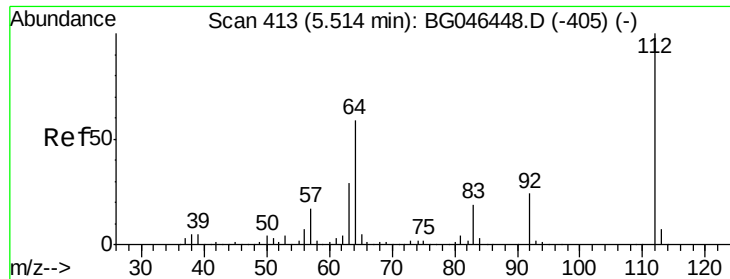
Delta R.T. -0.00 min

Lab File: BG046509.D

Acq: 2 Sep 2020 18:52

Tgt Ion:	42	Resp:	72293
Ion	Ratio	Lower	Upper
42	100		
74	142.3	119.5	179.3
44	7.9	5.7	8.5





#5

2-Fluorophenol

Concen: 117.800 ng

RT: 5.52 min Scan# 413

Delta R.T. 0.00 min

Lab File: BG046509.D

Acq: 2 Sep 2020 18:52

Instrument :

BNA_G

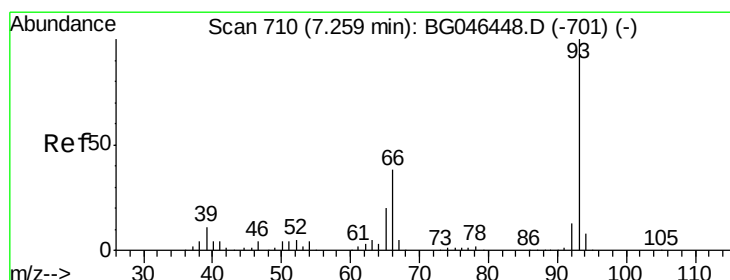
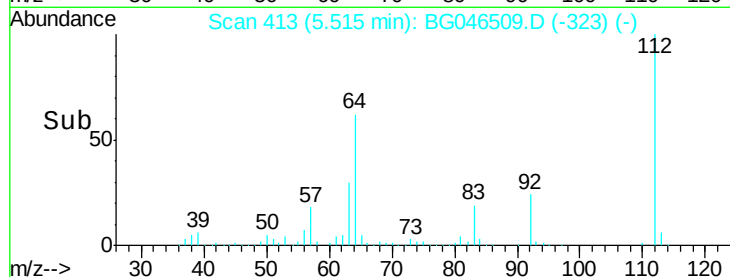
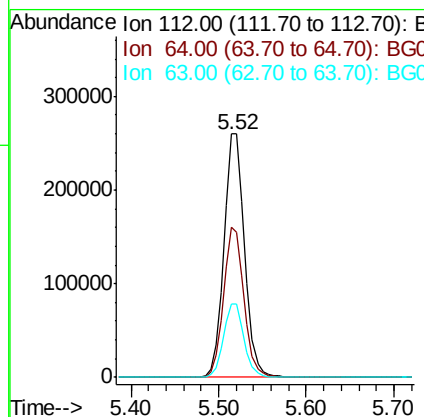
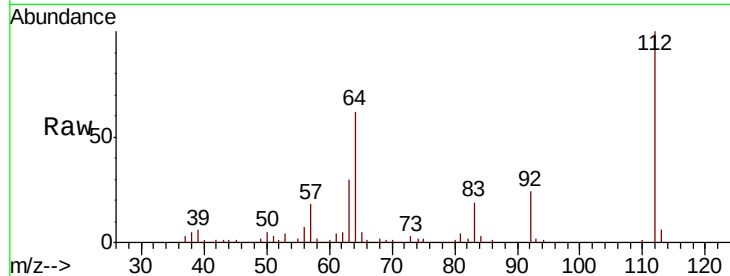
ClientSampleId :

789UMR-DSP01-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
112	100	422999		
64	61.8	47.0	70.6	
63	30.2	23.5	35.3	

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#6

Aniline

Concen: 30.370 ng

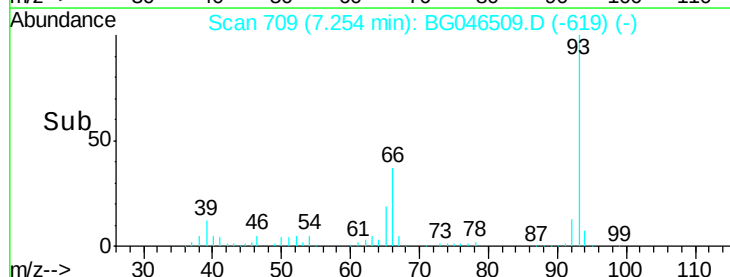
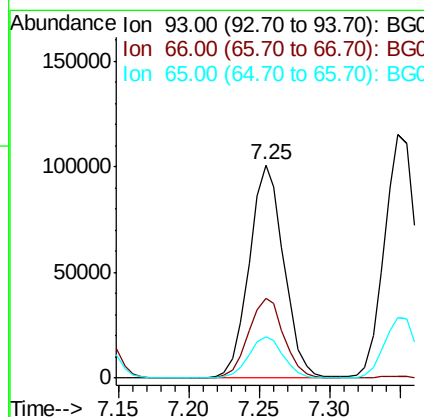
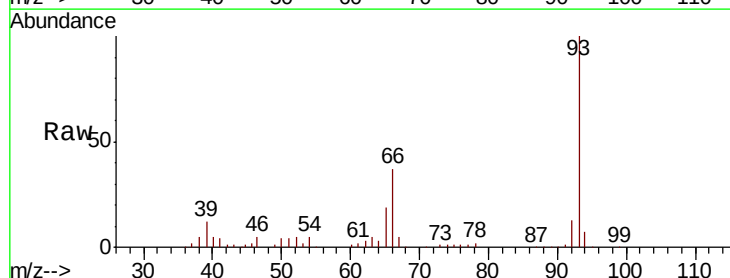
RT: 7.25 min Scan# 709

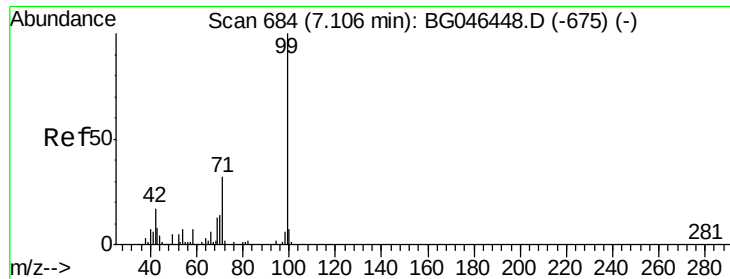
Delta R.T. 0.00 min

Lab File: BG046509.D

Acq: 2 Sep 2020 18:52

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	173966		
66	37.4	30.4	45.6	
65	19.3	15.8	23.6	





#7

Phenol-d6

Concen: 102.656 ng

RT: 7.11 min Scan# 684

Delta R.T. 0.00 min

Lab File: BG046509.D

Acq: 2 Sep 2020 18:52

Instrument :

BNA_G

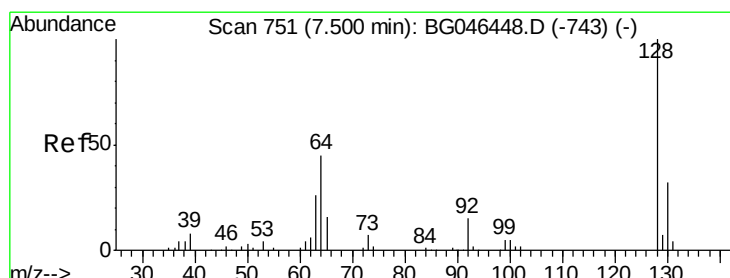
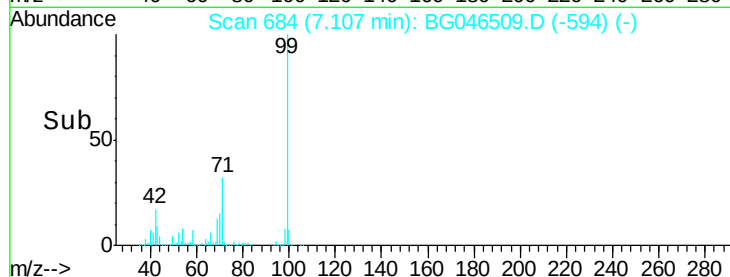
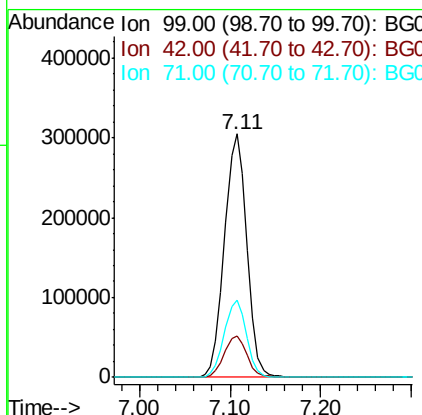
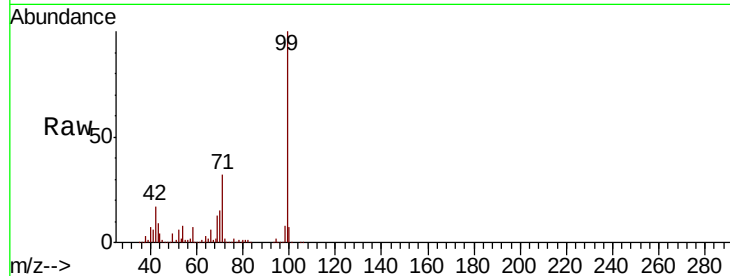
ClientSampleId :

789UMR-DSP01-01MSD

Tot Ion:	99	Resp:	522554
Ion	Ratio	Lower	Upper
99	100		
42	17.1	13.3	19.9
71	31.5	25.3	37.9

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#8

2-Chlorophenol

Concen: 51.587 ng

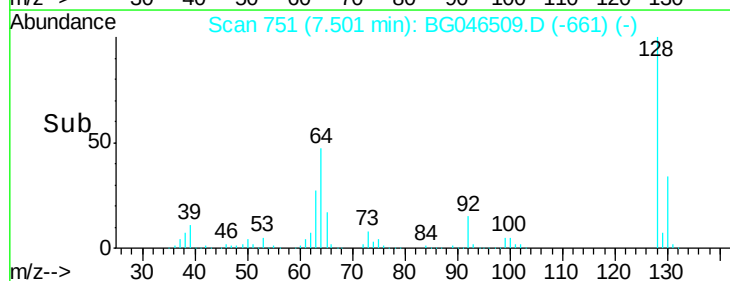
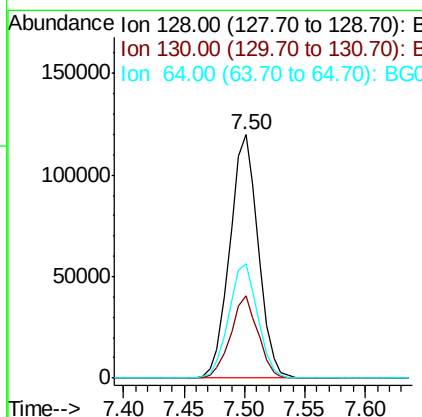
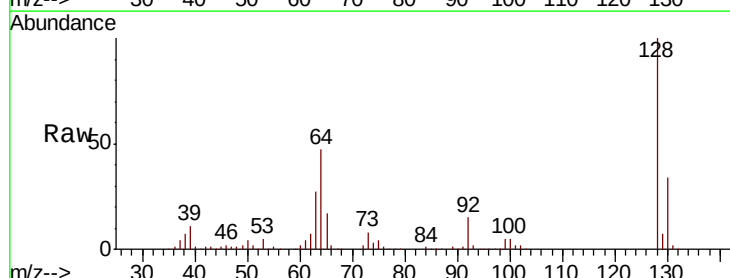
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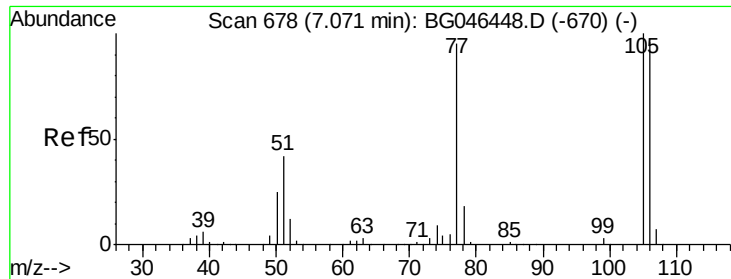
Delta R.T. 0.00 min

Lab File: BG046509.D

Acq: 2 Sep 2020 18:52

Tgt Ion:	128	Resp:	195780
Ion	Ratio	Lower	Upper
128	100		
130	33.6	12.4	52.4
64	46.9	28.1	68.1





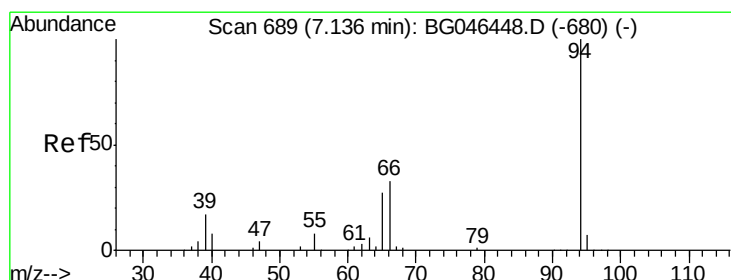
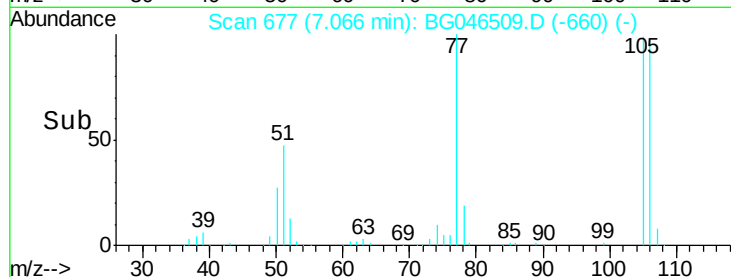
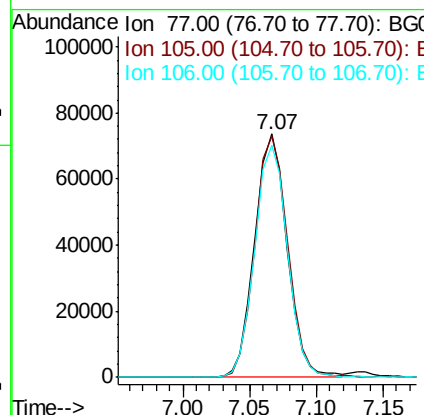
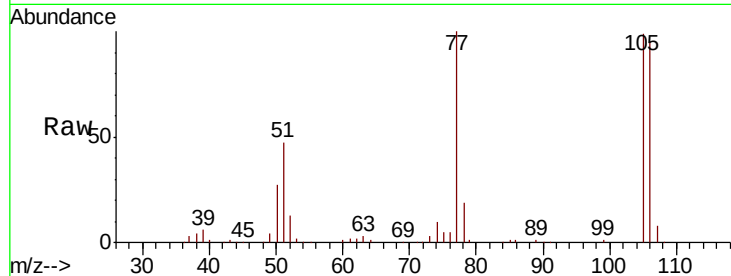
#9
Benzaldehyde
Concen: 43.263 ng
RT: 7.07 min Scan# 677
Delta R.T. 0.00 min
Lab File: BG046509.D
Acq: 2 Sep 2020 18:52

Instrument :
BNA_G
ClientSampleId :
789UMR-DSP01-01MSD

Tot Ion	Ratio	Lower	Upper
77	100		
105	99.2	85.6	125.6
106	95.4	80.8	120.8

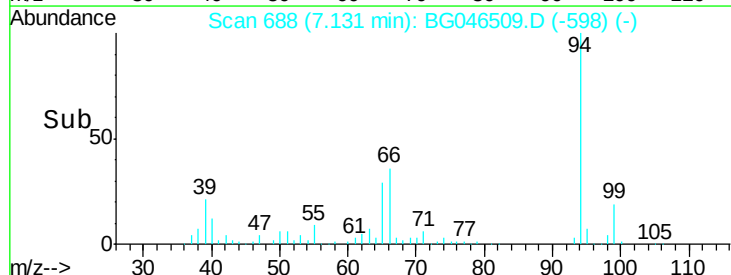
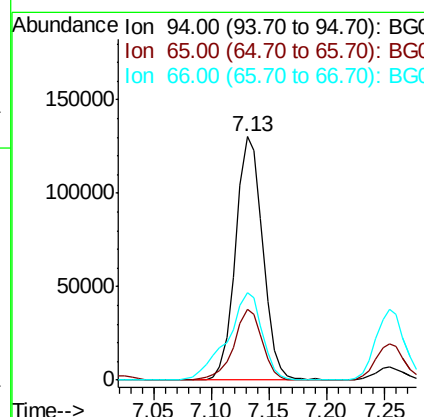
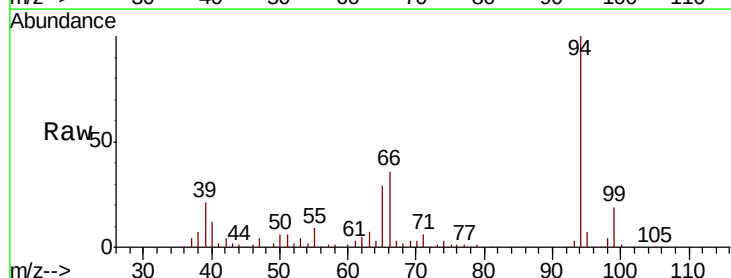
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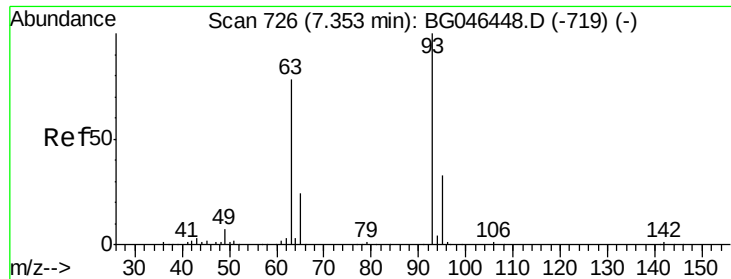
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#10
Phenol
Concen: 45.280 ng
RT: 7.13 min Scan# 688
Delta R.T. 0.00 min
Lab File: BG046509.D
Acq: 2 Sep 2020 18:52

Tgt Ion	Ratio	Lower	Upper
94	100		
65	29.1	7.5	47.5
66	35.8	14.1	54.1





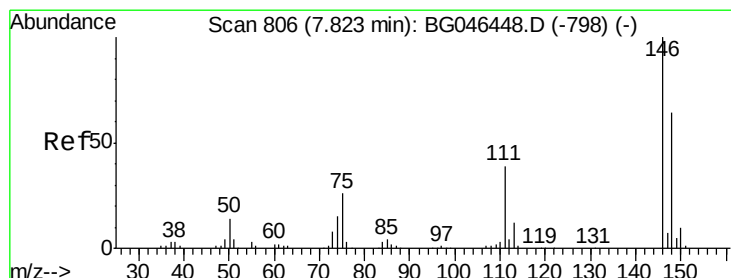
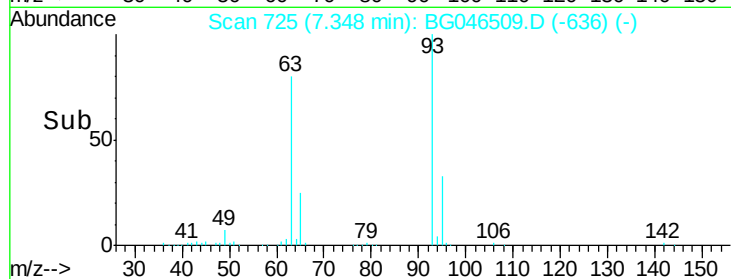
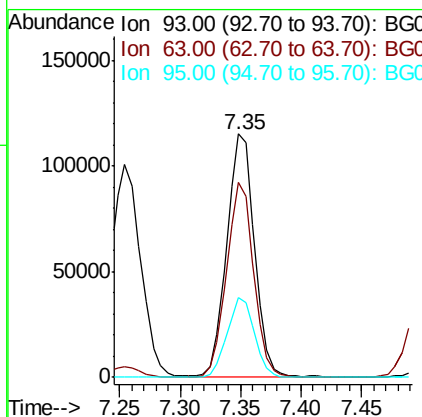
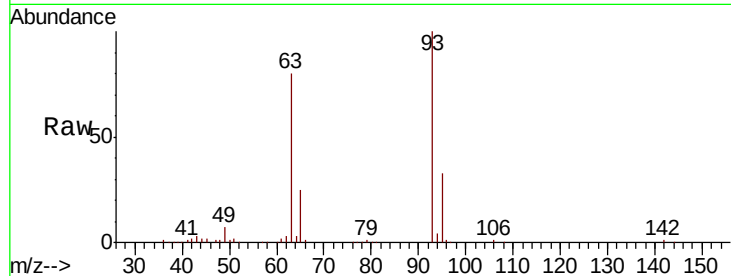
#11
bis(2-Chloroethyl)ether
Concen: 49.011 ng
RT: 7.35 min Scan# 725
Delta R.T. -0.00 min
Lab File: BG046509.D
Acq: 2 Sep 2020 18:52

Instrument :
BNA_G
ClientSampleId :
789UMR-DSP01-01MSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	80.2	57.7	97.7
95	32.8	12.3	52.3

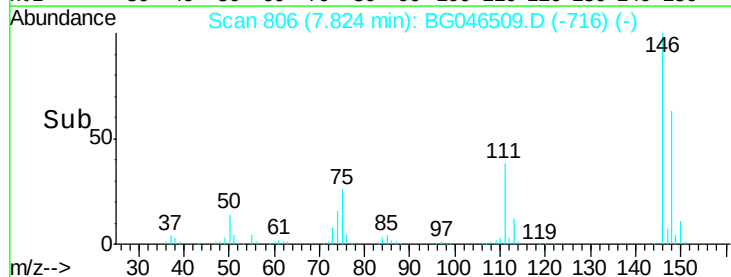
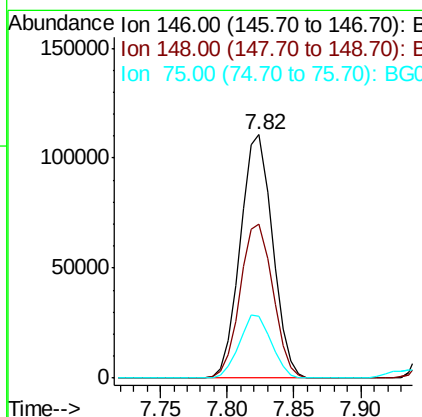
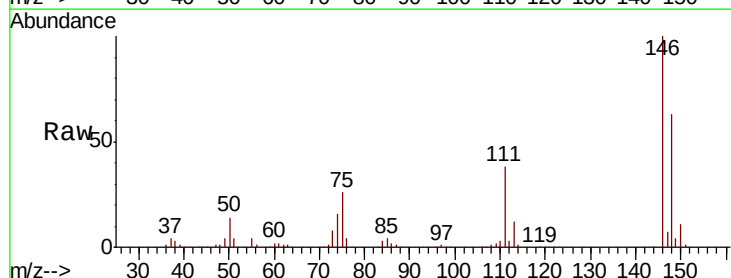
Manual Integrations
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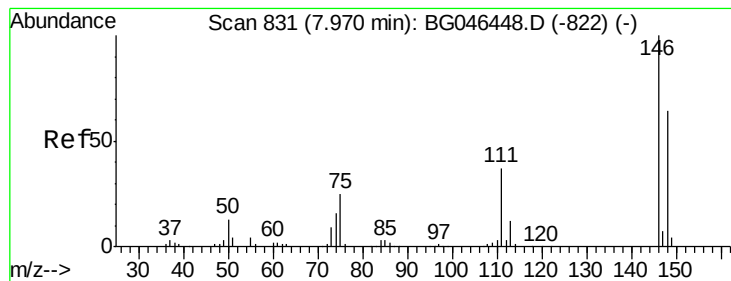
mohammad
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#12
1,3-Dichlorobenzene
Concen: 38.437 ng
RT: 7.82 min Scan# 806
Delta R.T. 0.00 min
Lab File: BG046509.D
Acq: 2 Sep 2020 18:52

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.4	51.4	77.0
75	25.6	20.7	31.1





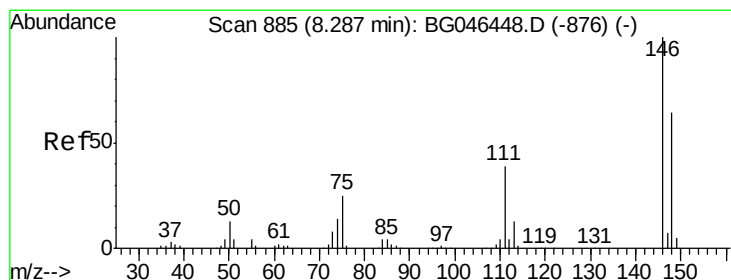
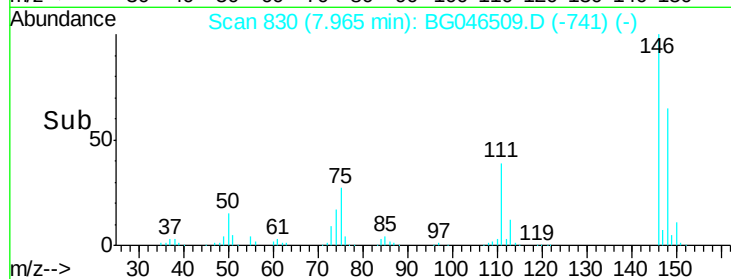
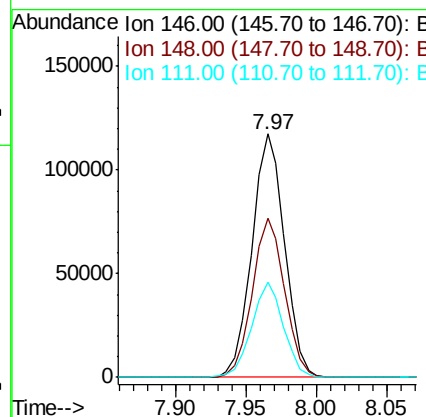
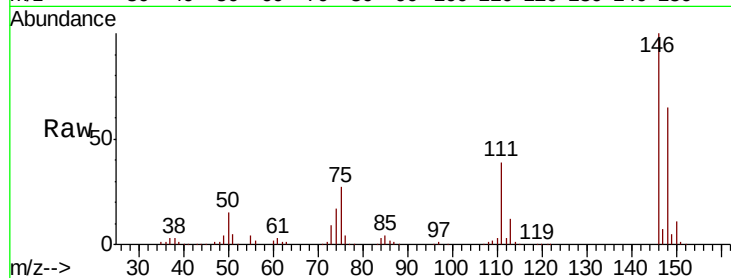
#13
 1,4-Dichlorobenzene
 Concen: 39.409 ng
 RT: 7.97 min Scan# 830
 Delta R.T. -0.00 min
 Lab File: BG046509.D
 Acq: 2 Sep 2020 18:52

Instrument :
 BNA_G
 ClientSampleId :
 789UMR-DSP01-01MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.2	50.9	76.3
111	38.8	29.8	44.6

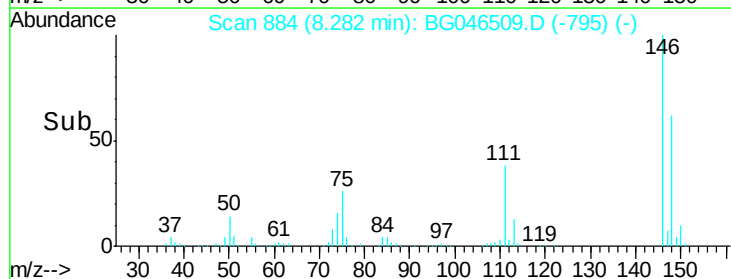
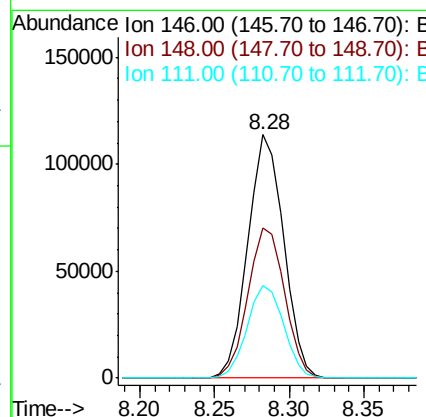
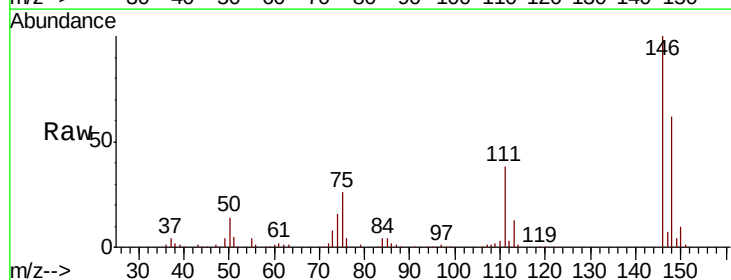
Manual Integrations
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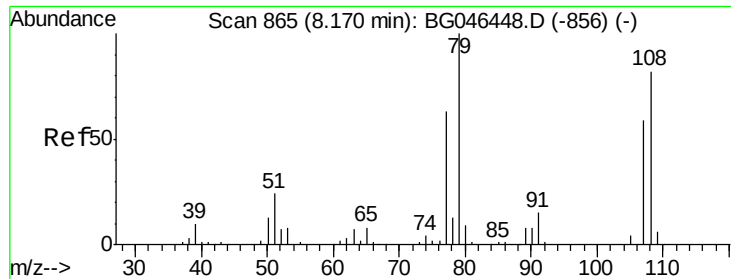
mohammad
 9/3/2020 1:47:47 PM



#14
 1,2-Dichlorobenzene
 Concen: 40.846 ng
 RT: 8.28 min Scan# 884
 Delta R.T. -0.00 min
 Lab File: BG046509.D
 Acq: 2 Sep 2020 18:52

Tgt Ion	Ratio	Lower	Upper
146	100		
148	61.9	51.4	77.0
111	38.1	31.4	47.2





#15

Benzyl Alcohol

Concen: 56.879 ng

RT: 8.17 min Scan# 865

Delta R.T. 0.00 min

Lab File: BG046509.D

Acq: 2 Sep 2020 18:52

Instrument :

BNA_G

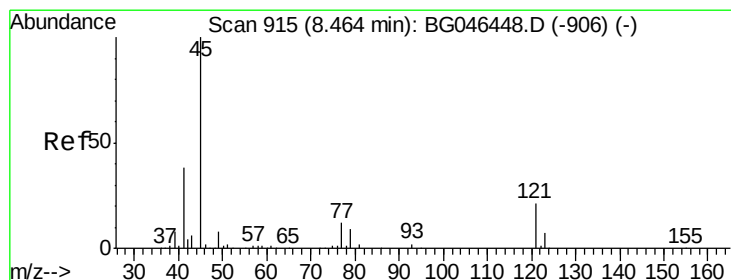
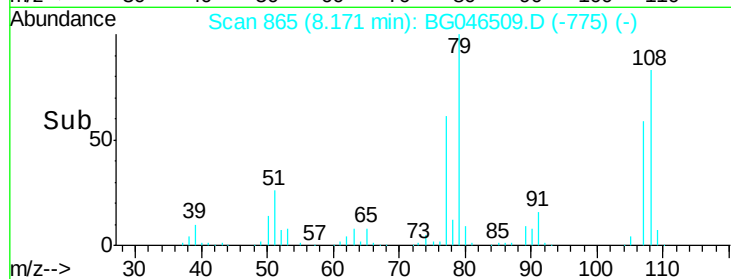
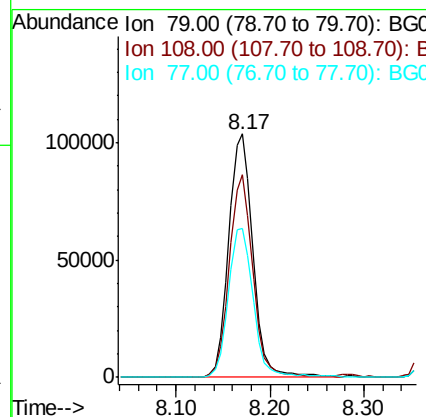
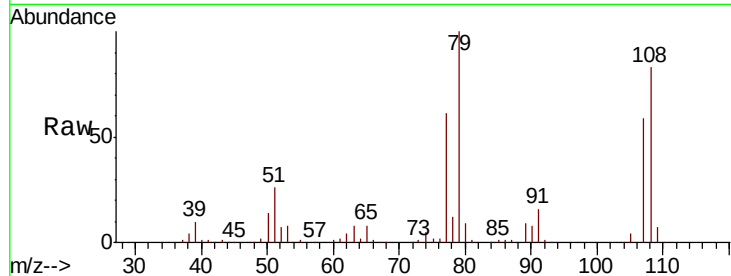
ClientSampleId :

789UMR-DSP01-01MSD

Tot Ion	79	Resp	185886
Ion Ratio	Lower	Upper	
79	100		
108	83.2	65.7	98.5
77	61.3	50.3	75.5

Manual Integrations
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#16

2,2'-oxybis(1-chloropropane)

Concen: 47.086 ng

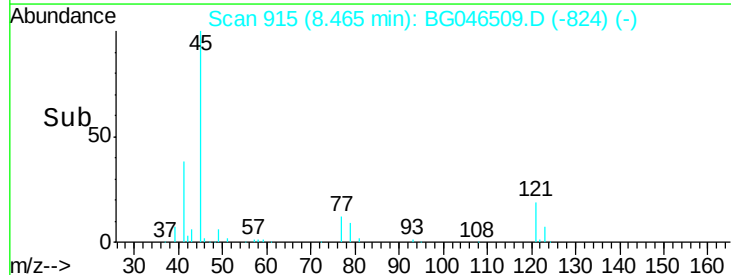
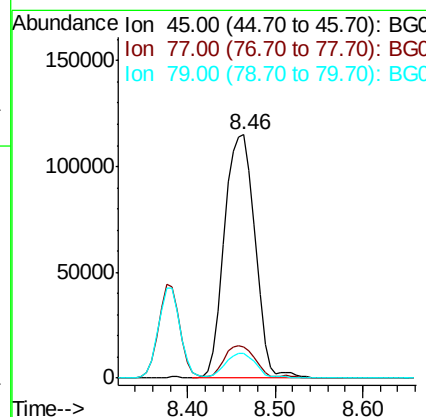
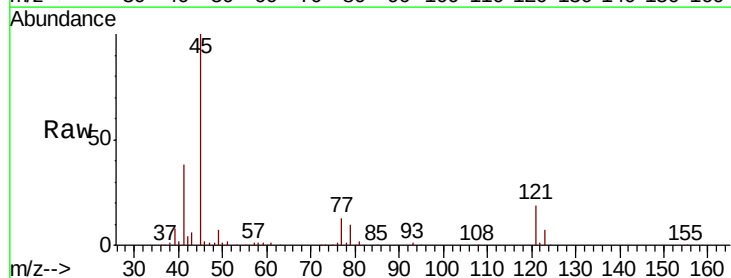
RT: 8.46 min Scan# 915

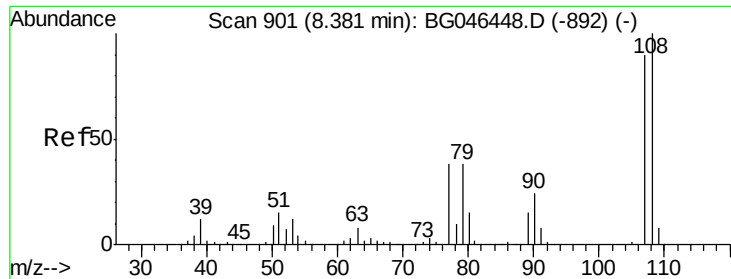
Delta R.T. 0.01 min

Lab File: BG046509.D

Acq: 2 Sep 2020 18:52

Tgt Ion	45	Resp	275249
Ion Ratio	Lower	Upper	
45	100		
77	12.6	0.0	33.2
79	9.9	0.0	30.3





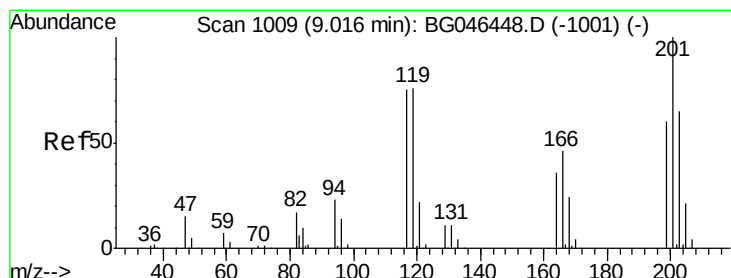
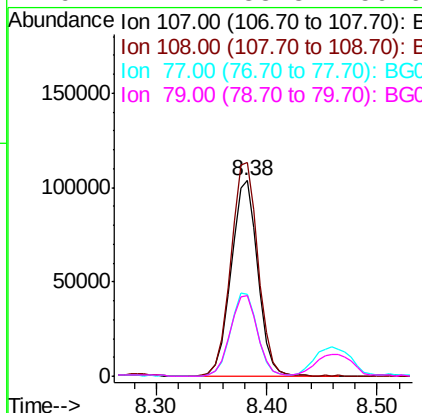
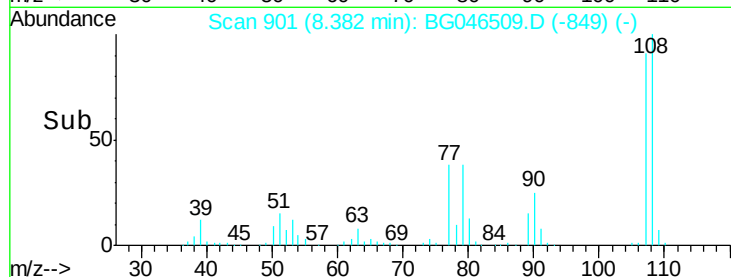
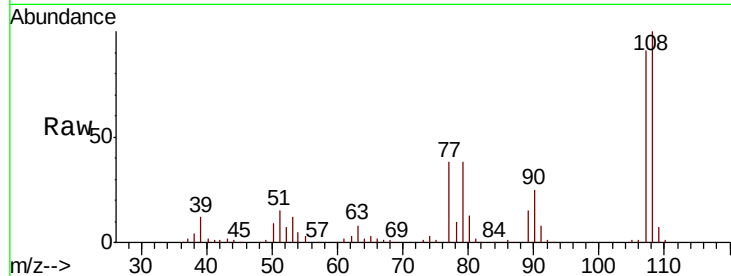
#17
2-Methylphenol
Concen: 52.977 ng
RT: 8.38 min Scan# 901
Delta R.T. 0.01 min
Lab File: BG046509.D
Acq: 2 Sep 2020 18:52

Instrument :
BNA_G
ClientSampleId :
789UMR-DSP01-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	109.4	89.4	134.0	
77	41.9	34.5	51.7	
79	41.4	33.8	50.6	

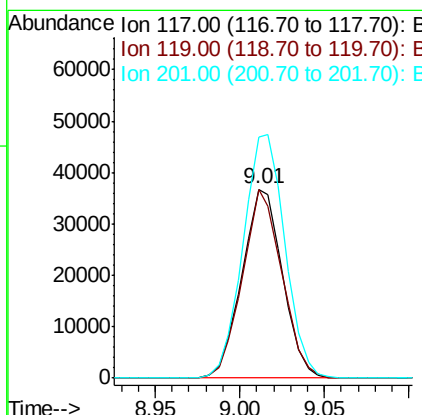
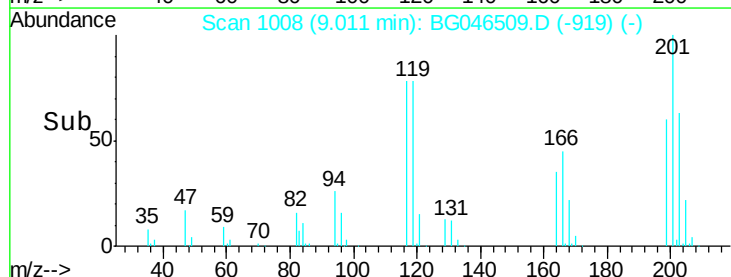
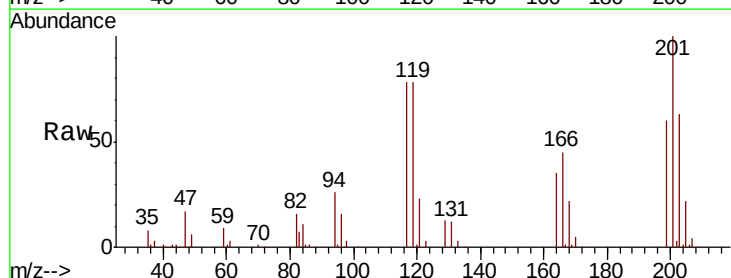
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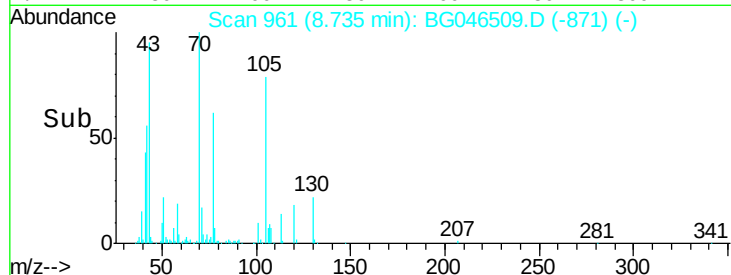
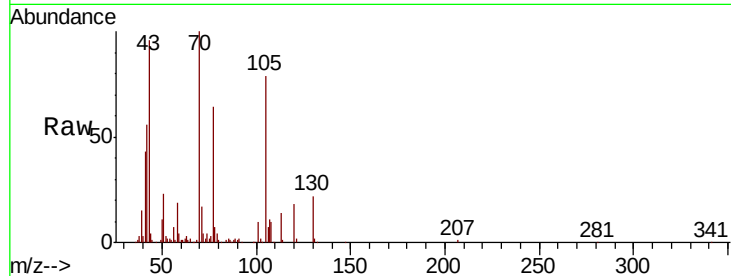
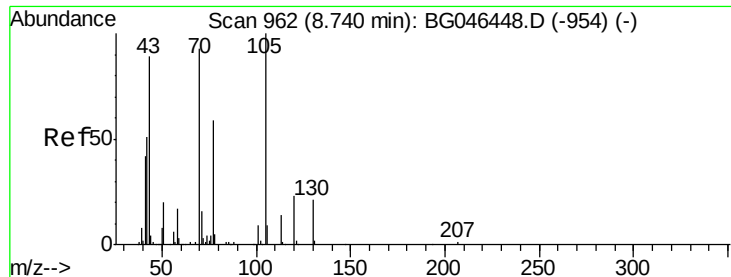
mohammad
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#18
Hexachloroethane
Concen: 37.372 ng
RT: 9.01 min Scan# 1008
Delta R.T. -0.00 min
Lab File: BG046509.D
Acq: 2 Sep 2020 18:52

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	99.9	80.8	121.2	
201	127.7	106.7	160.1	





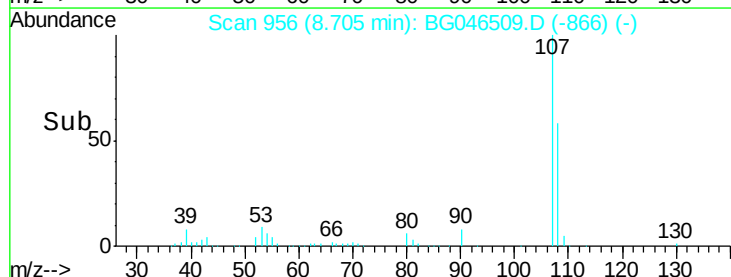
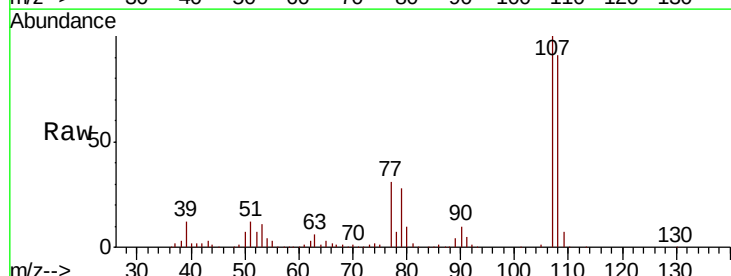
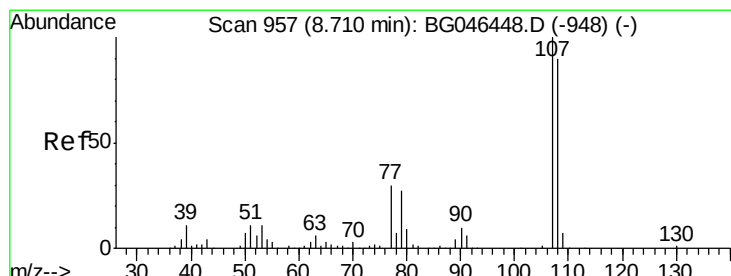
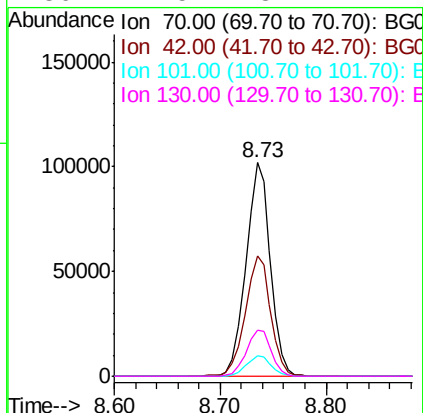
#19
n-Nitroso-di-n-propylamine
Concen: 53.414 ng
RT: 8.73 min Scan# 961
Delta R.T. 0.00 min
Lab File: BG046509.D
Acq: 2 Sep 2020 18:52

Instrument :
BNA_G
ClientSampleId :
789UMR-DSP01-01MSD

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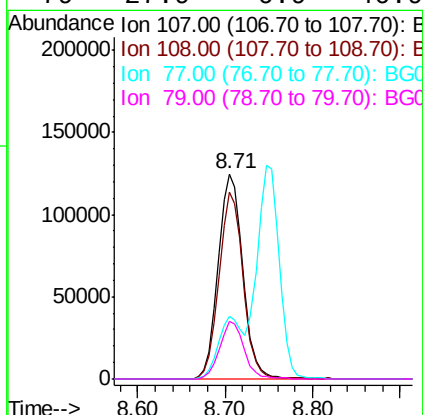
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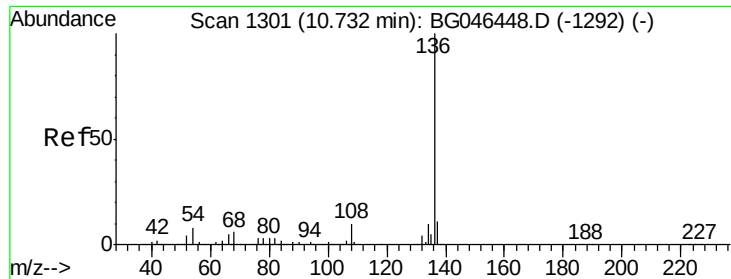
Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	56.3	44.2	66.2	
101	9.9	7.8	11.8	
130	21.5	18.2	27.4	



#20
3+4-Methylphenols
Concen: 53.079 ng
RT: 8.71 min Scan# 956
Delta R.T. 0.00 min
Lab File: BG046509.D
Acq: 2 Sep 2020 18:52

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	91.0	69.7	109.7	
77	30.9	9.7	49.7	
79	27.9	6.9	46.9	





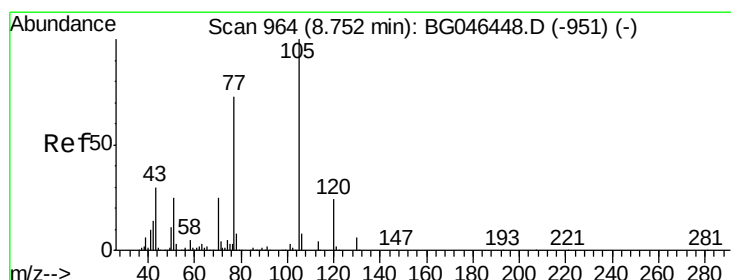
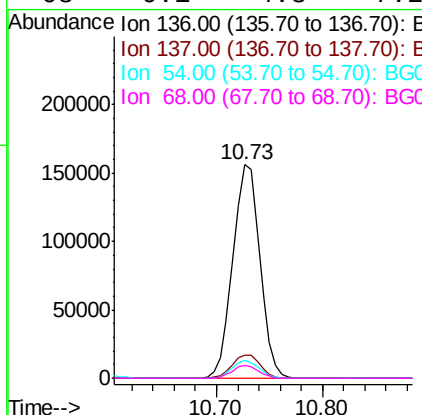
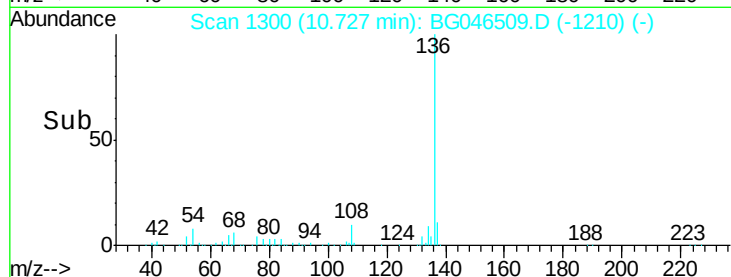
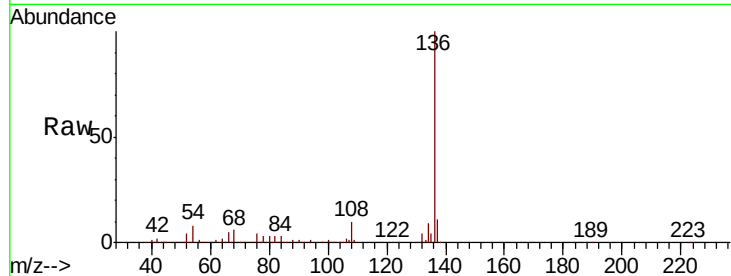
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.73 min Scan# 1300
Delta R.T. 0.00 min
Lab File: BG046509.D
Acq: 2 Sep 2020 18:52

Instrument :
BNA_G
ClientSampleId :
789UMR-DSP01-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	275830		
137	10.9		8.8	13.2
54	8.4		6.1	9.1
68	6.1		4.8	7.2

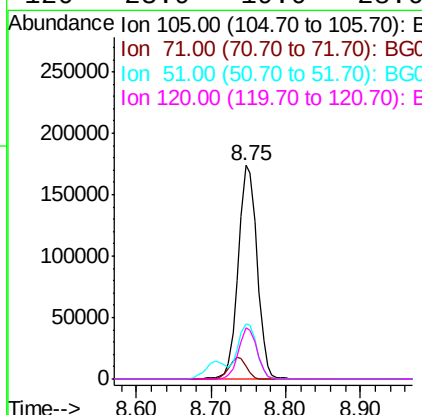
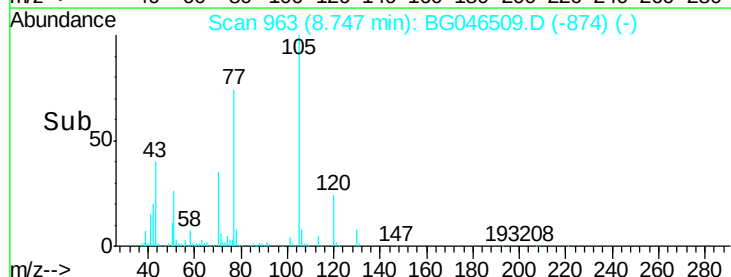
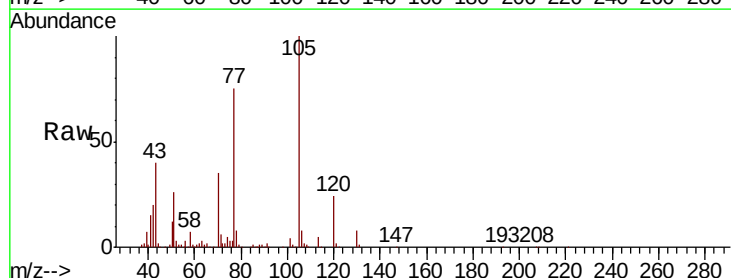
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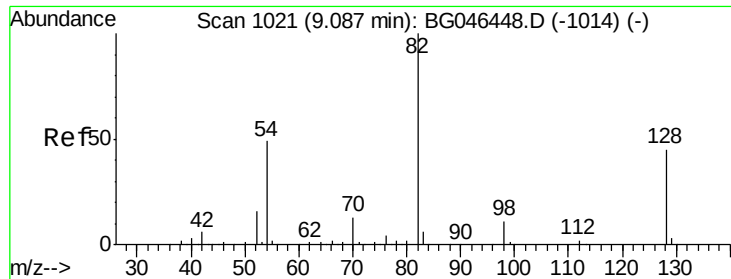
mohammad
9/3/2020 1:47:47 PM



#22
Acetophenone
Concen: 45.464 ng
RT: 8.75 min Scan# 963
Delta R.T. -0.00 min
Lab File: BG046509.D
Acq: 2 Sep 2020 18:52

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	305255		
71	5.9		3.3	4.9#
51	25.9		20.6	31.0
120	23.9		19.0	28.6





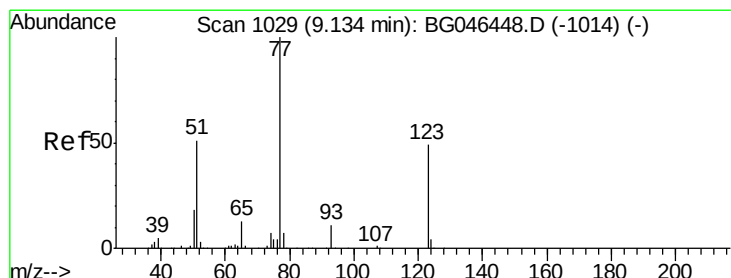
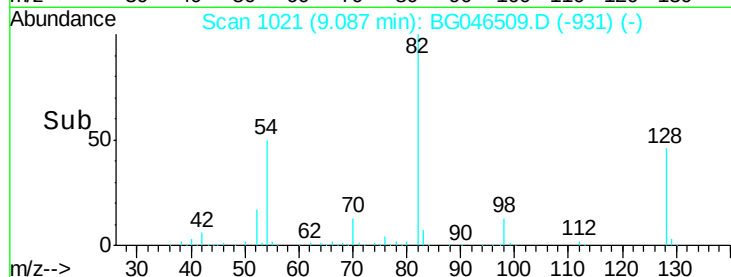
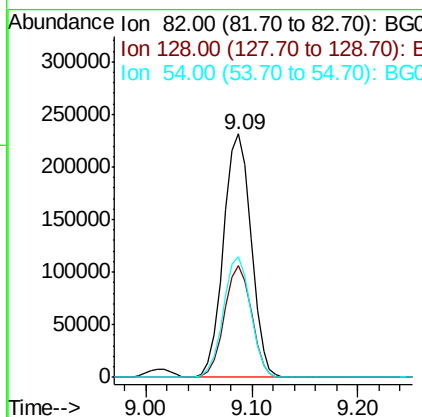
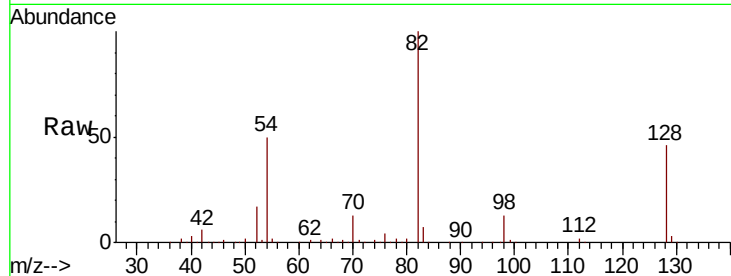
#23
 Nitrobenzene-d5
 Concen: 86.979 ng
 RT: 9.09 min Scan# 1021
 Delta R.T. 0.00 min
 Lab File: BG046509.D
 Acq: 2 Sep 2020 18:52

Instrument :
 BNA_G
 ClientSampleId :
 789UMR-DSP01-01MSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.9	35.7	53.5
54	49.7	39.4	59.0

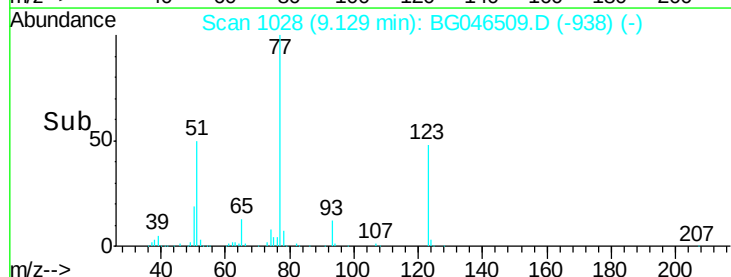
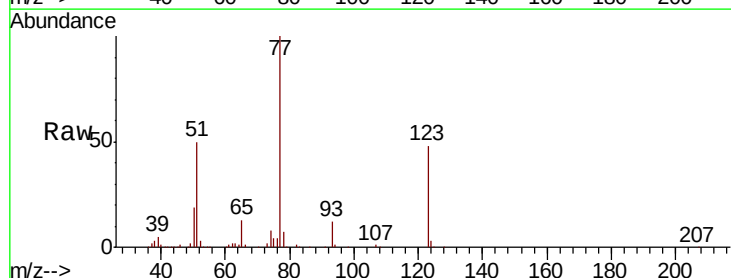
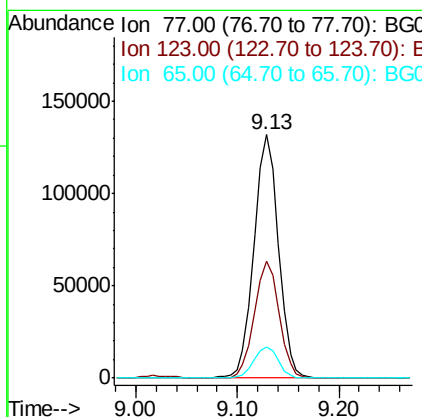
Manual Integrations
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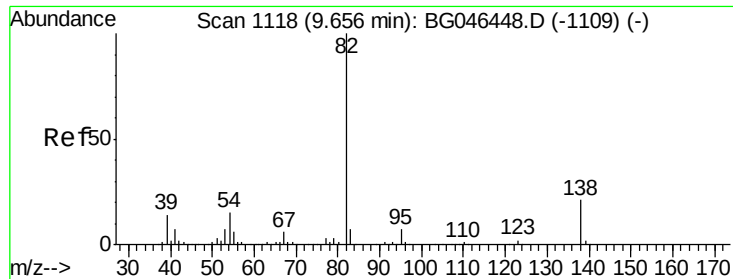
mohammad
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#24
 Nitrobenzene
 Concen: 46.584 ng
 RT: 9.13 min Scan# 1028
 Delta R.T. 0.00 min
 Lab File: BG046509.D
 Acq: 2 Sep 2020 18:52

Tgt Ion	Ratio	Lower	Upper
77	100		
123	48.0	39.6	59.4
65	12.7	10.1	15.1





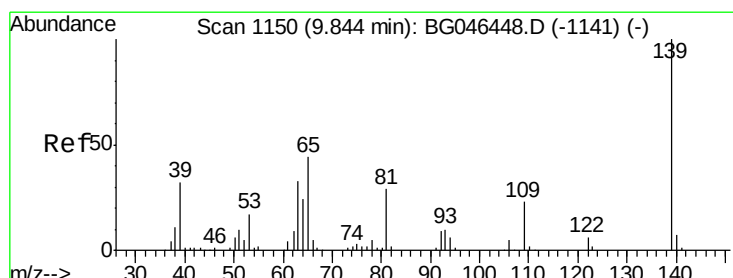
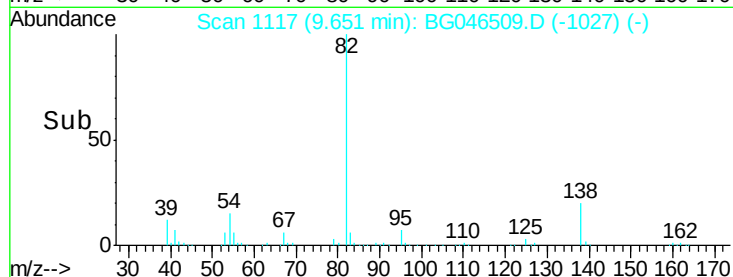
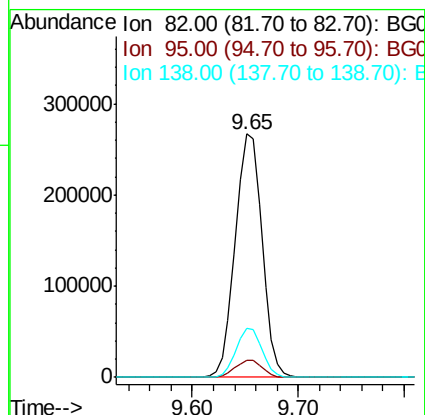
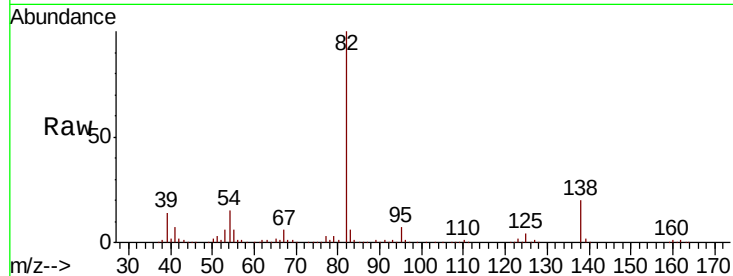
#25
Isophorone
Concen: 52.927 ng
RT: 9.65 min Scan# 1117
Delta R.T. 0.00 min
Lab File: BG046509.D
Acq: 2 Sep 2020 18:52

Instrument :
BNA_G
ClientSampleId :
789UMR-DSP01-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
95	7.0	5.8	8.6	
138	20.2	16.4	24.6	

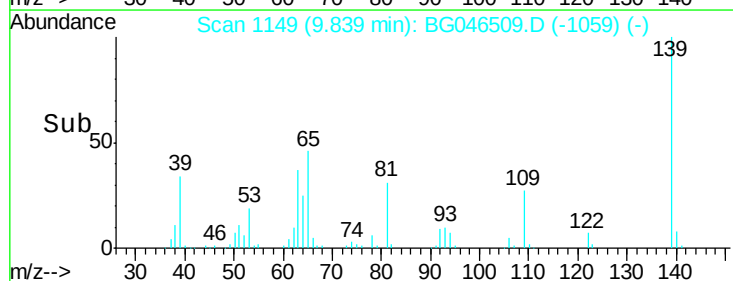
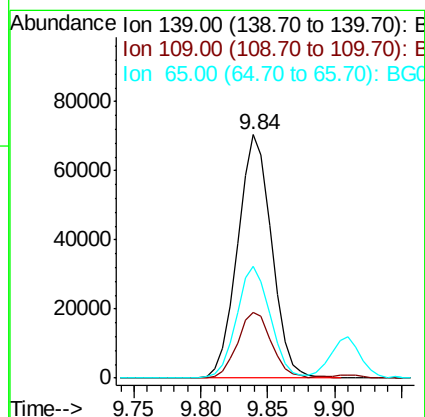
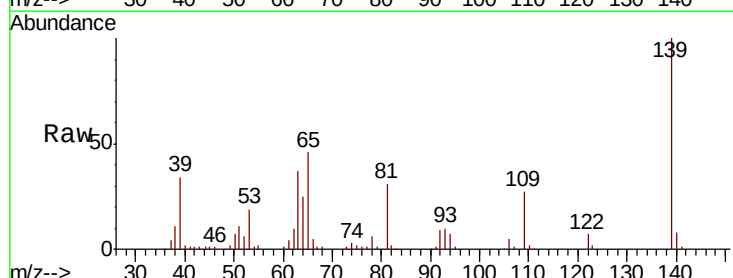
Manual Integrations
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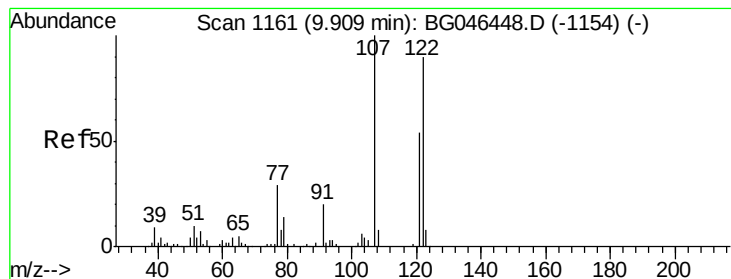
mohammad
9/3/2020 1:47:47 PM



#26
2-Nitrophenol
Concen: 49.285 ng
RT: 9.84 min Scan# 1149
Delta R.T. 0.00 min
Lab File: BG046509.D
Acq: 2 Sep 2020 18:52

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	26.9	18.8	28.2	
65	45.7	35.0	52.6	





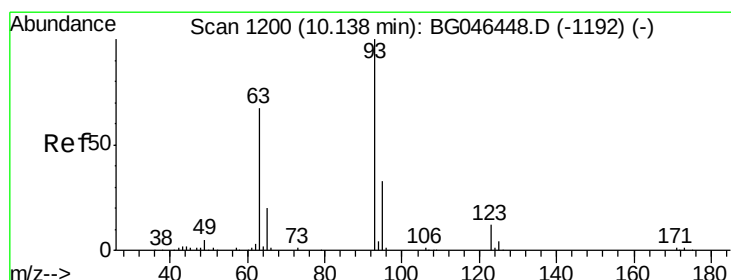
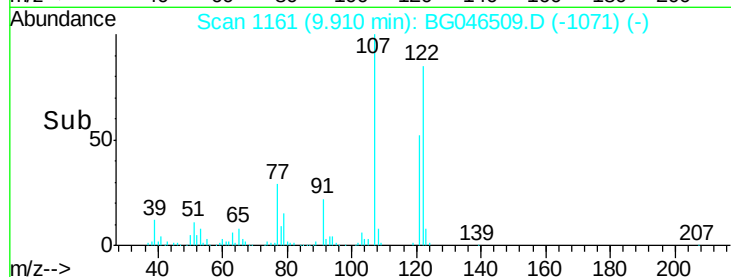
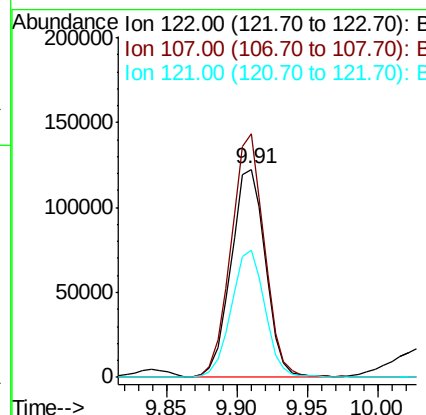
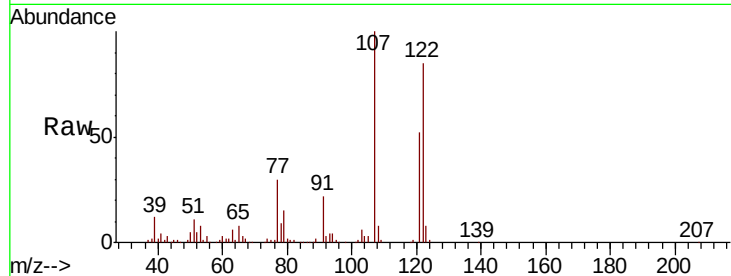
#27
2,4-Dimethylphenol
Concen: 59.492 ng
RT: 9.91 min Scan# 1161
Delta R.T. 0.00 min
Lab File: BG046509.D
Acq: 2 Sep 2020 18:52

Instrument :
BNA_G
ClientSampleId :
789UMR-DSP01-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	205831		
107	117.0		88.2	132.2
121	61.1		47.4	71.0

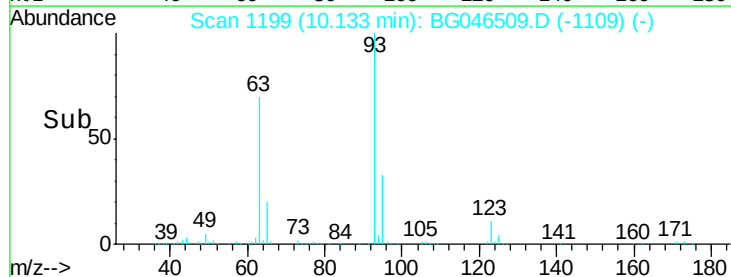
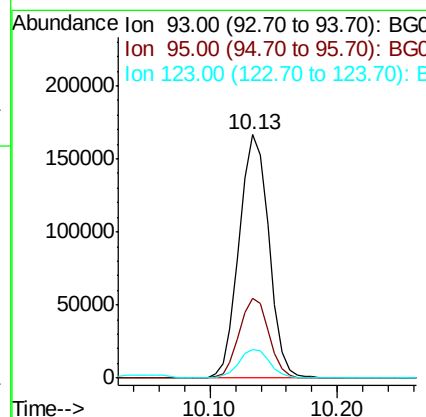
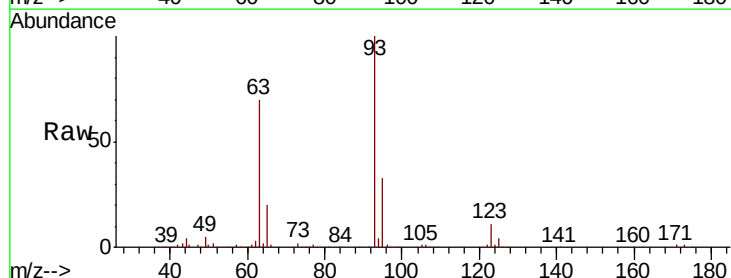
Manual Integrations
APPROVED

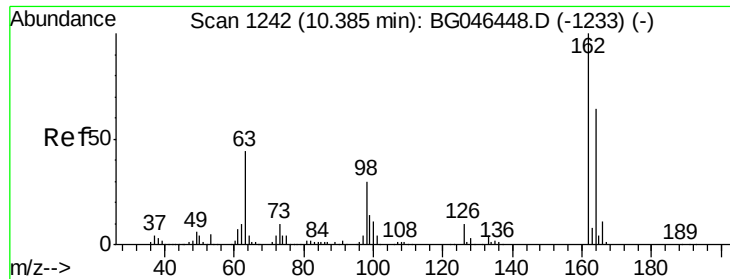
mohammad
9/3/2020 1:47:47 PM



#28
bis(2-Chloroethoxy)methane
Concen: 47.621 ng
RT: 10.13 min Scan# 1199
Delta R.T. 0.00 min
Lab File: BG046509.D
Acq: 2 Sep 2020 18:52

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	271193		
95	32.6		26.1	39.1
123	11.5		9.5	14.3





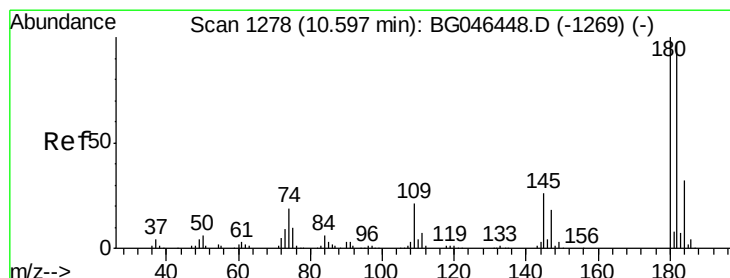
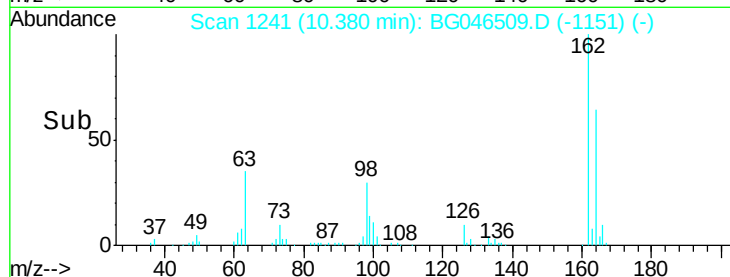
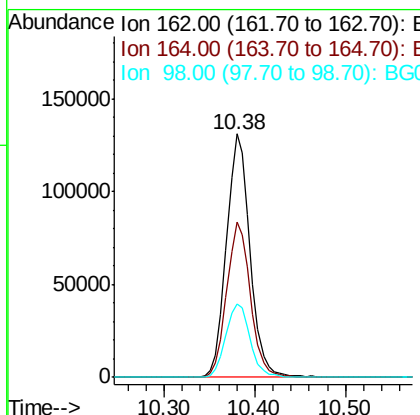
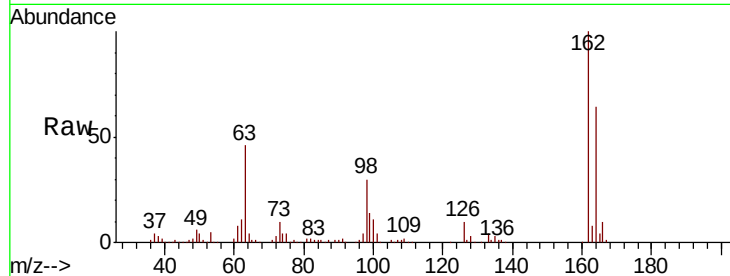
#29
2,4-Dichlorophenol
Concen: 51.437 ng
RT: 10.38 min Scan# 1241
Delta R.T. 0.00 min
Lab File: BG046509.D
Acq: 2 Sep 2020 18:52

Instrument :
BNA_G
ClientSampleId :
789UMR-DSP01-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	237242		
164	63.9	44.3	84.3	
98	30.3	10.0	50.0	

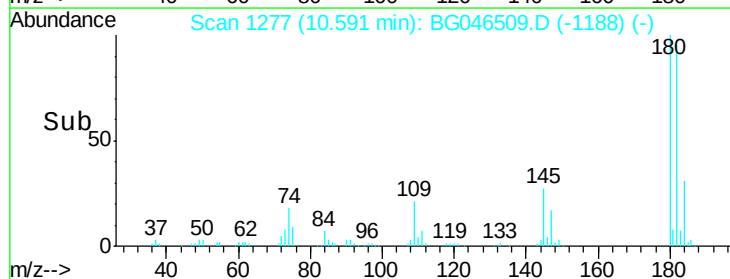
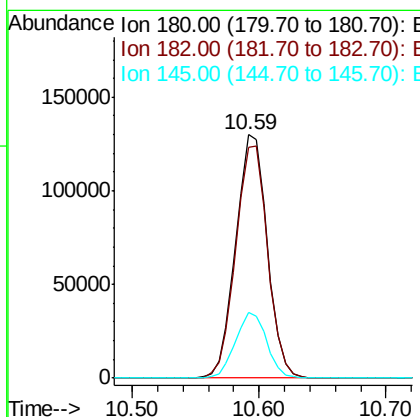
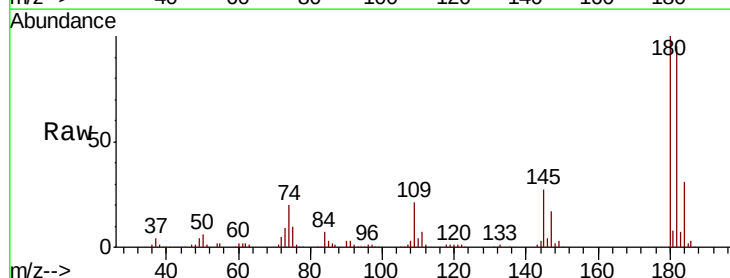
Manual Integrations
APPROVED

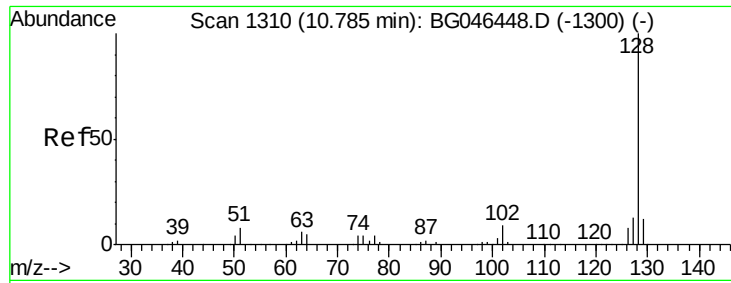
mohammad
9/3/2020 1:47:47 PM



#30
1,2,4-Trichlorobenzene
Concen: 40.845 ng
RT: 10.59 min Scan# 1277
Delta R.T. -0.00 min
Lab File: BG046509.D
Acq: 2 Sep 2020 18:52

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	223524		
182	94.6	77.8	116.8	
145	27.1	20.9	31.3	





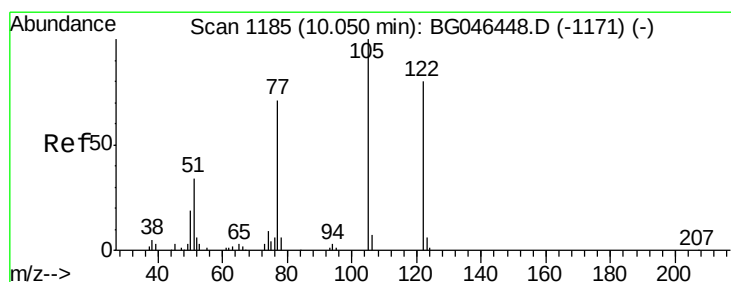
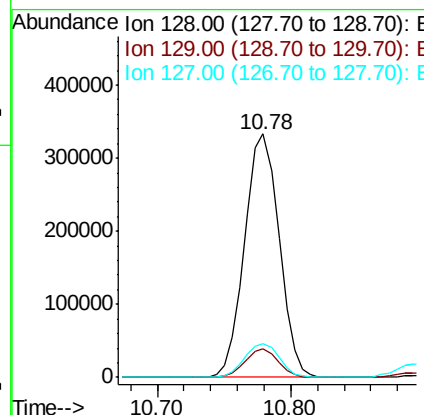
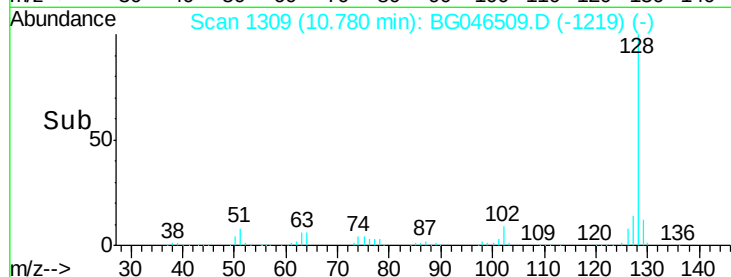
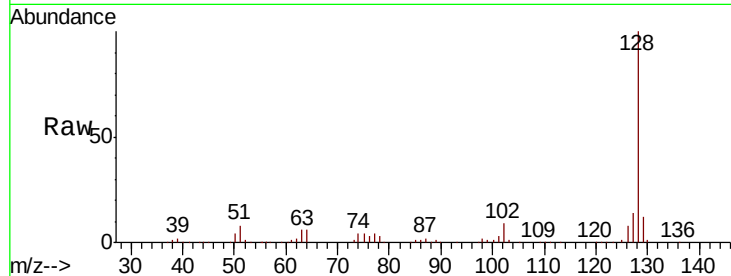
#31
Naphthalene
Concen: 44.276 ng
RT: 10.78 min Scan# 1309
Delta R.T. 0.00 min
Lab File: BG046509.D
Acq: 2 Sep 2020 18:52

Instrument :
BNA_G
ClientSampleId :
789UMR-DSP01-01MSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	12.0	9.2	13.8
127	14.0	10.7	16.1

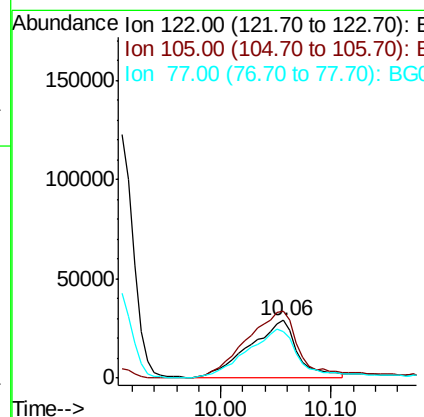
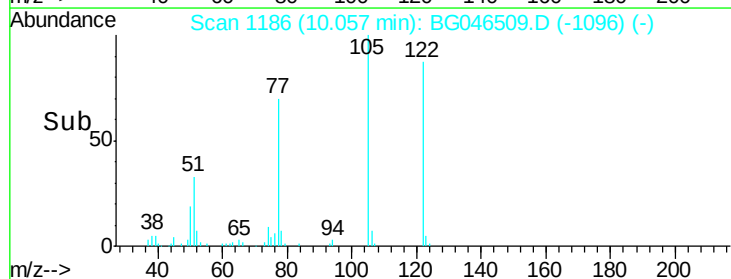
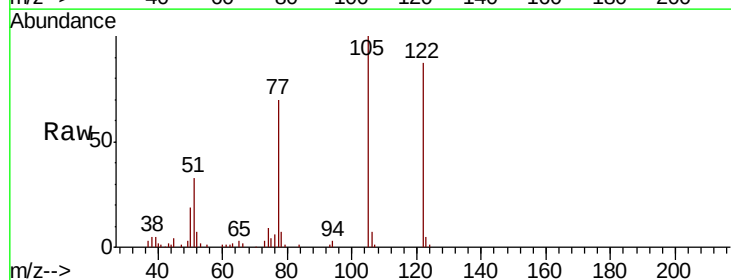
Manual Integrations
APPROVED

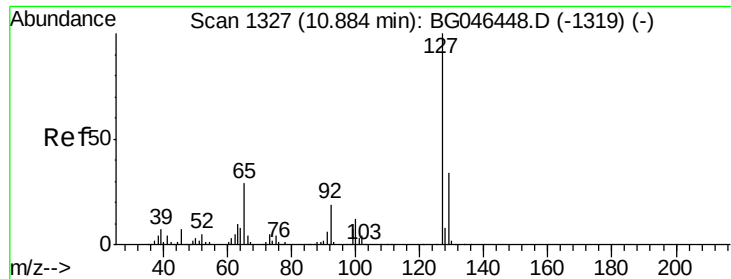
mohammad
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#32
Benzoic acid
Concen: 36.965 ng
RT: 10.06 min Scan# 1186
Delta R.T. 0.00 min
Lab File: BG046509.D
Acq: 2 Sep 2020 18:52

Tgt Ion	Ratio	Lower	Upper
122	100		
105	115.5	102.5	142.5
77	80.5	68.2	108.2





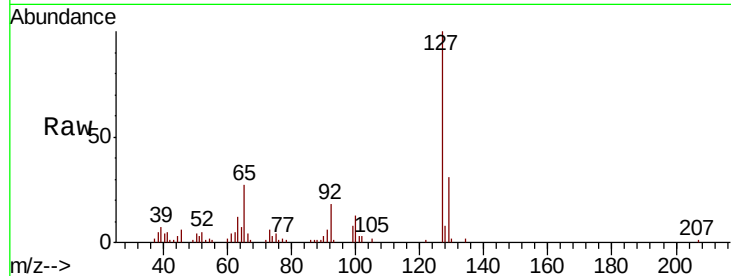
#33
4-Chloroaniline
Concen: 7.213 ng
RT: 10.89 min Scan# 1328
Delta R.T. 0.01 min
Lab File: BG046509.D
Acq: 2 Sep 2020 18:52

Instrument :
BNA_G
ClientSampleId :
789UMR-DSP01-01MSD

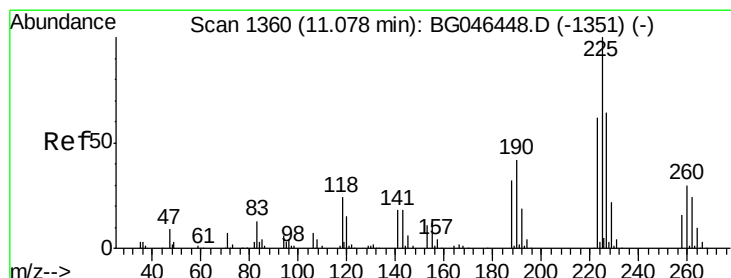
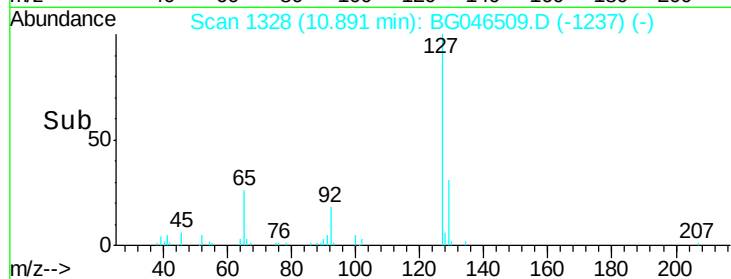
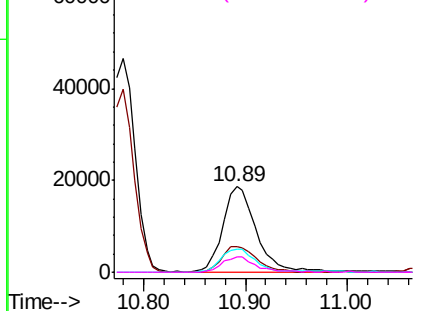
Tot Ion	Ratio	Lower	Upper
127	100		
129	30.6	27.0	40.4
65	27.0	23.5	35.3
92	17.5	14.9	22.3

Manual Integrations
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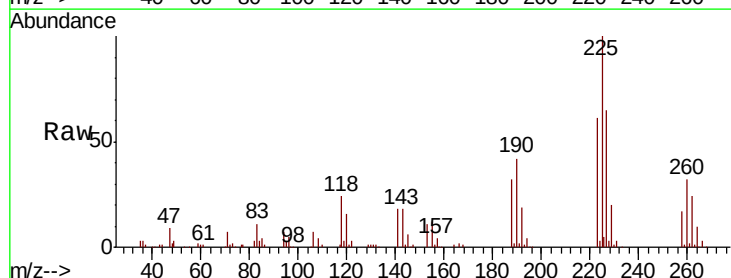


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

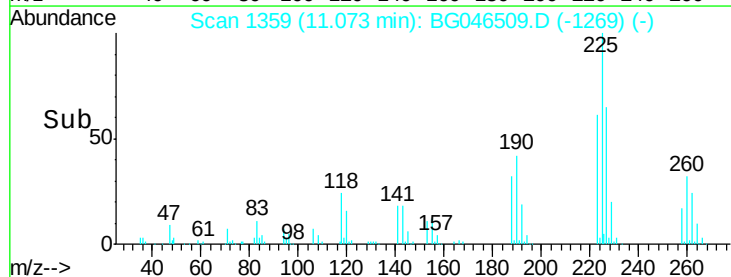
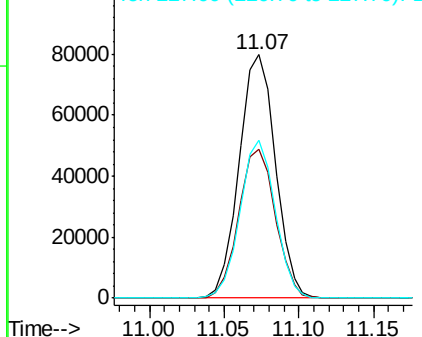


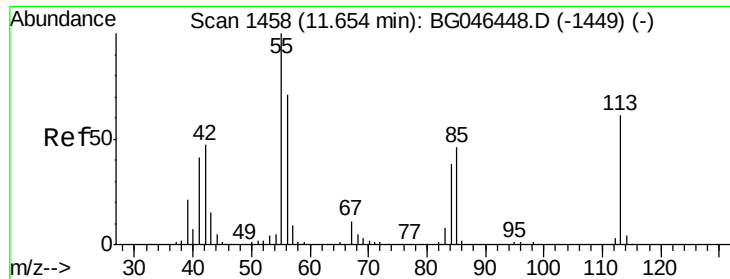
#34
Hexachlorobutadiene
Concen: 37.870 ng
RT: 11.07 min Scan# 1359
Delta R.T. 0.00 min
Lab File: BG046509.D
Acq: 2 Sep 2020 18:52

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.2	49.9	74.9
227	64.7	51.6	77.4



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 42.104 ng/mL

RT: 11.67 min Scan# 1460

Delta R.T. 0.01 min

Lab File: BG046509.D

Acq: 2 Sep 2020 18:52

Instrument :

BNA_G

ClientSampleID :

789UMR-DSP01-01MSD

Tot Ion: 113 Resp: 72590

Ion Ratio Lower Upper

113 100

55 177.9 144.2 184.2

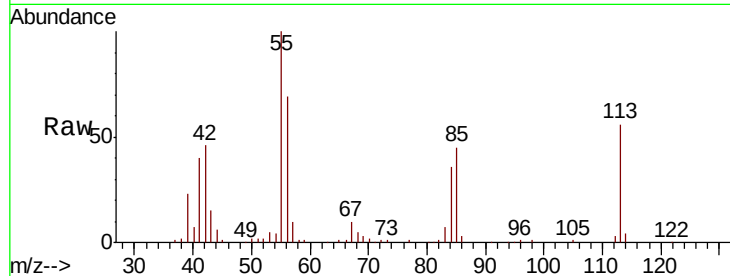
56 121.9 97.0 137.0

Manual Integrations

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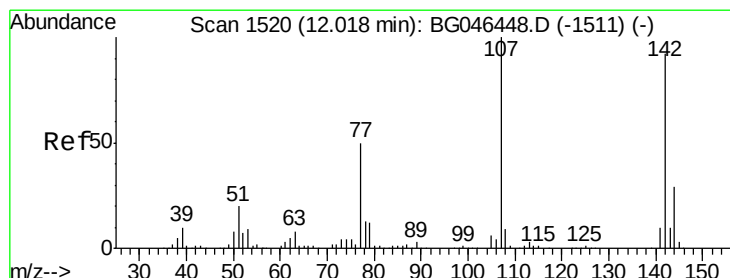
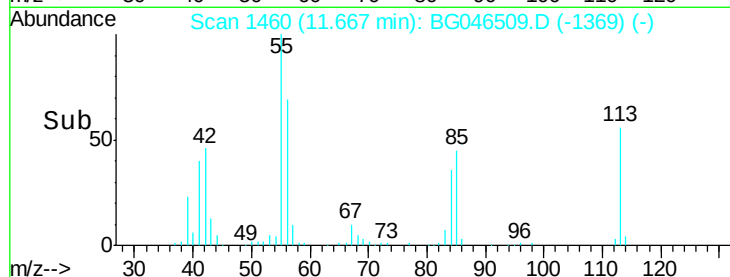


Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0

Time-->



#36

4-Chloro-3-methylphenol

Concen: 57.287 ng/mL

RT: 12.02 min Scan# 1520

Delta R.T. 0.00 min

Lab File: BG046509.D

Acq: 2 Sep 2020 18:52

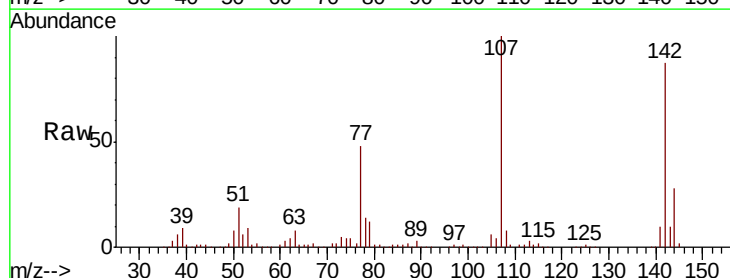
Tgt Ion: 107 Resp: 258425

Ion Ratio Lower Upper

107 100

144 28.2 23.3 34.9

142 86.6 73.7 110.5

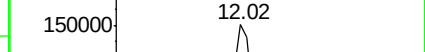
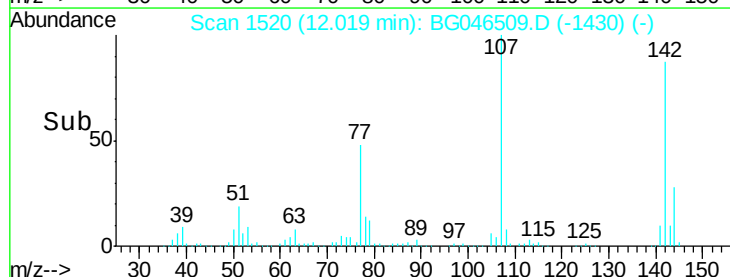


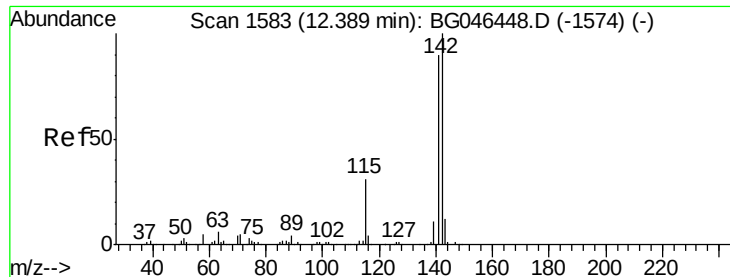
Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

Time-->





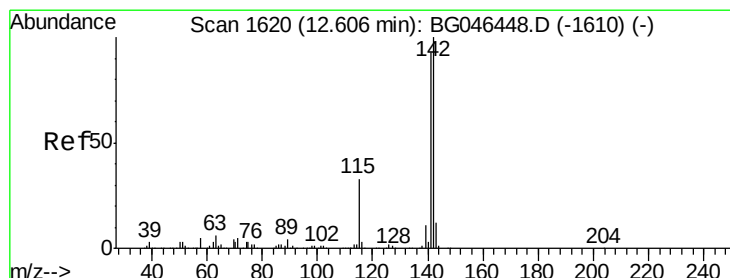
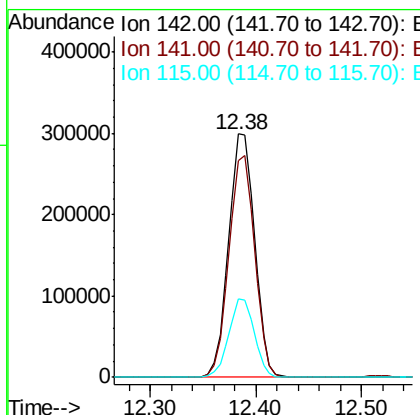
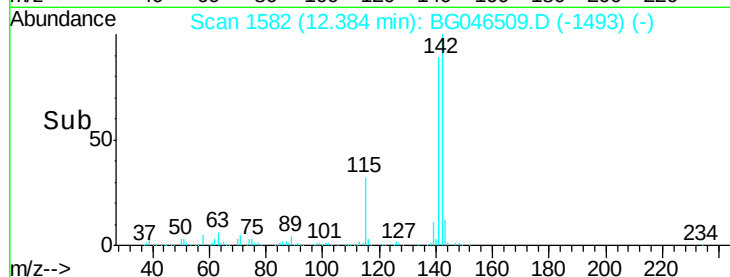
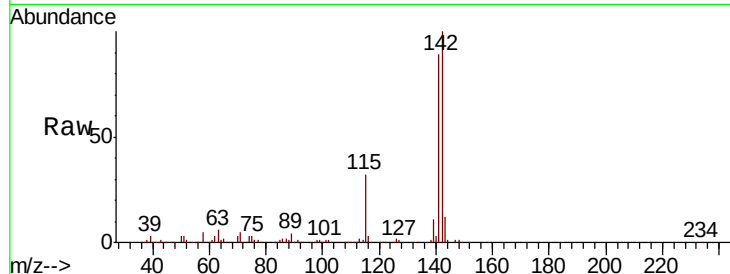
#37
2-Methylnaphthalene
Concen: 47.889 ng
RT: 12.38 min Scan# 1582
Delta R.T. -0.00 min
Lab File: BG046509.D
Acq: 2 Sep 2020 18:52

Instrument :
BNA_G
ClientSampleId :
789UMR-DSP01-01MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.1	72.1	108.1
115	32.1	24.9	37.3

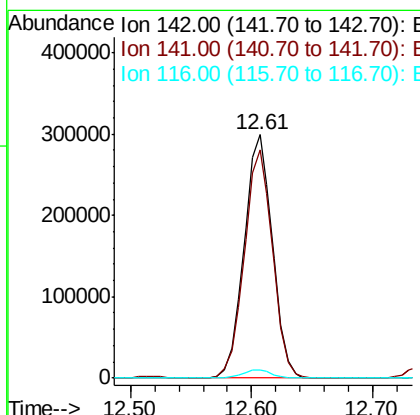
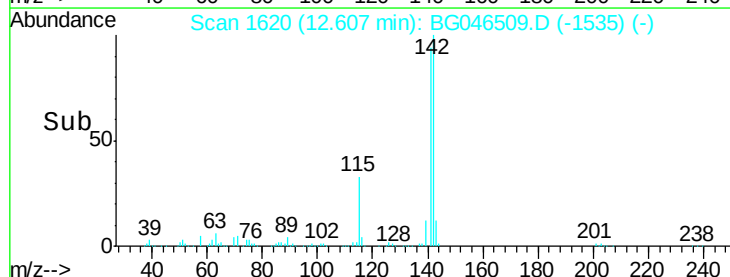
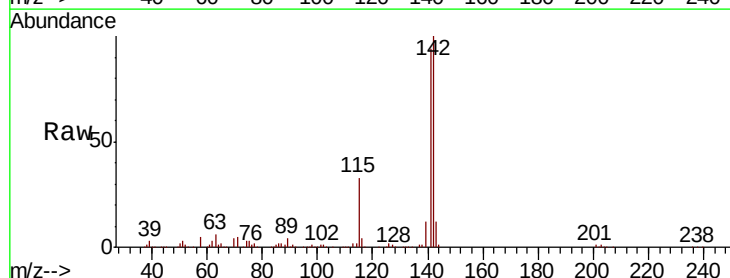
Manual Integrations
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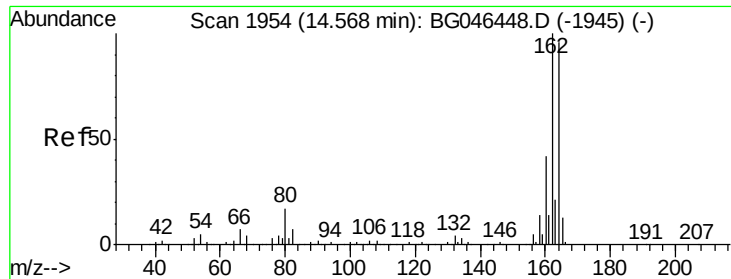
mohammad
9/3/2020 1:47:47 PM



#38
1-Methylnaphthalene
Concen: 48.370 ng
RT: 12.61 min Scan# 1620
Delta R.T. 0.00 min
Lab File: BG046509.D
Acq: 2 Sep 2020 18:52

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.9	74.7	112.1
116	3.6	2.6	4.0





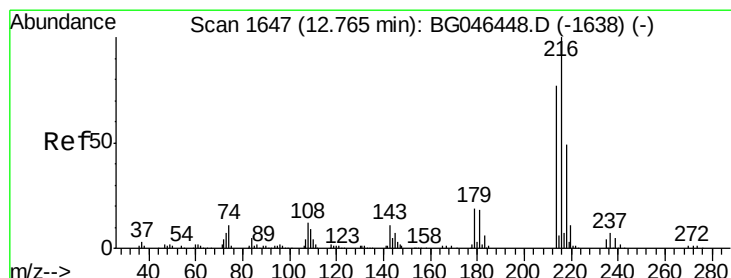
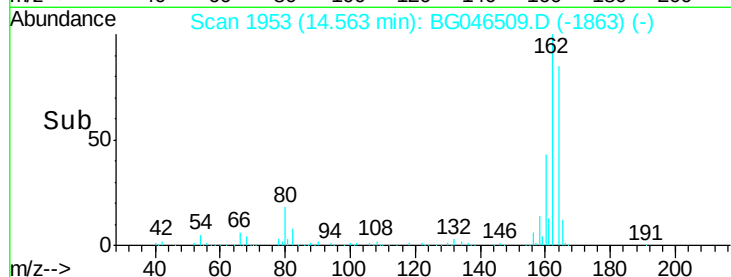
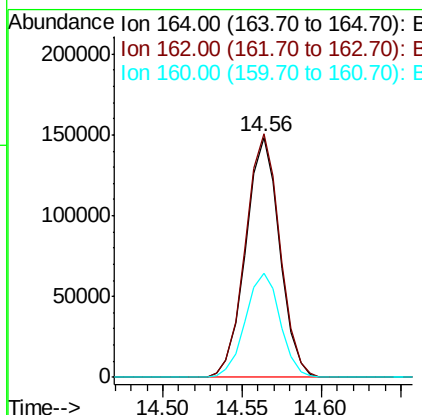
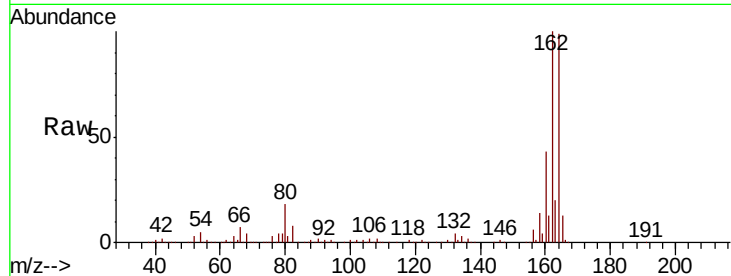
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.56 min Scan# 1953
Delta R.T. 0.00 min
Lab File: BG046509.D
Acq: 2 Sep 2020 18:52

Instrument :
BNA_G
ClientSampleId :
789UMR-DSP01-01MSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.5	83.3	124.9
160	43.5	35.0	52.6

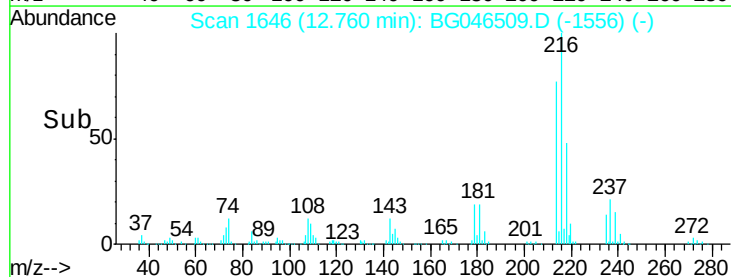
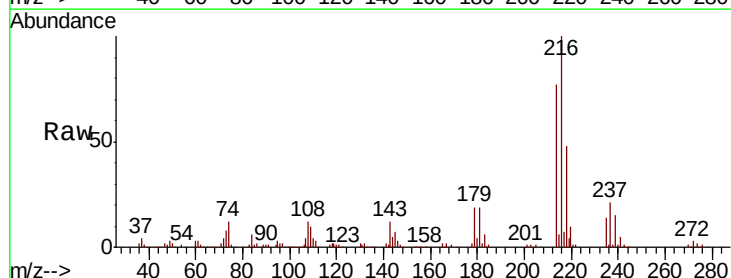
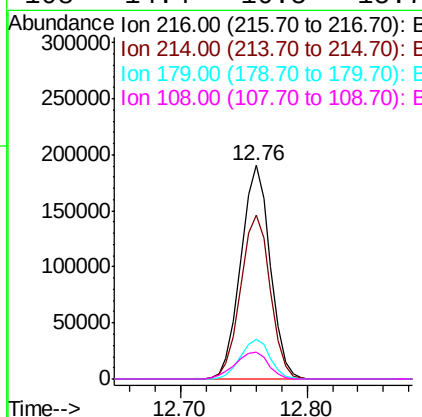
Manual Integrations
APPROVED

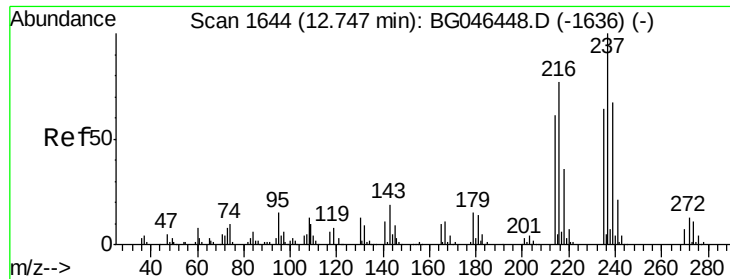
mohammad
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.144 ng
RT: 12.76 min Scan# 1646
Delta R.T. 0.00 min
Lab File: BG046509.D
Acq: 2 Sep 2020 18:52

Tgt Ion	Ratio	Lower	Upper
216	100		
214	77.3	62.1	93.1
179	18.6	14.9	22.3
108	14.4	10.5	15.7





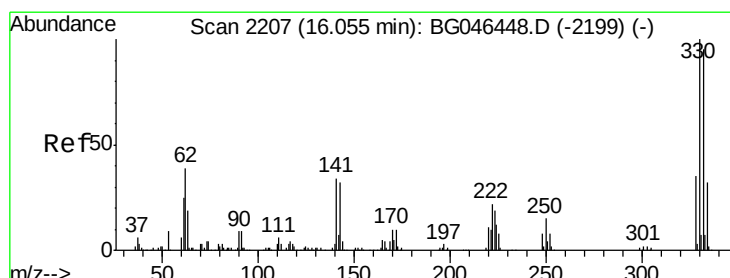
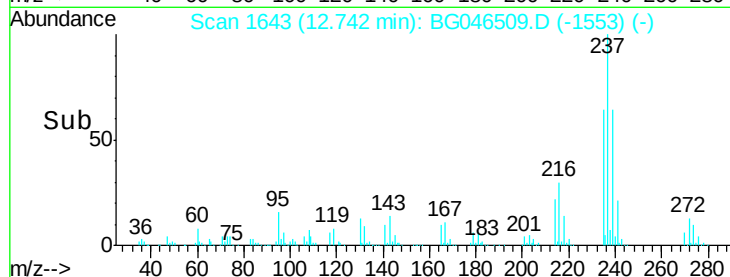
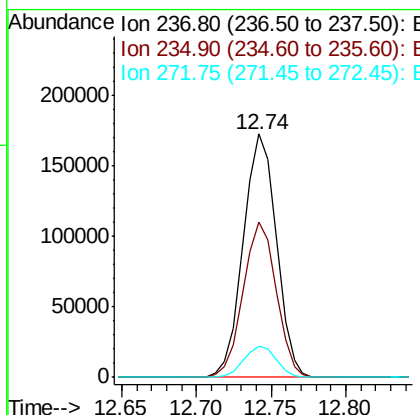
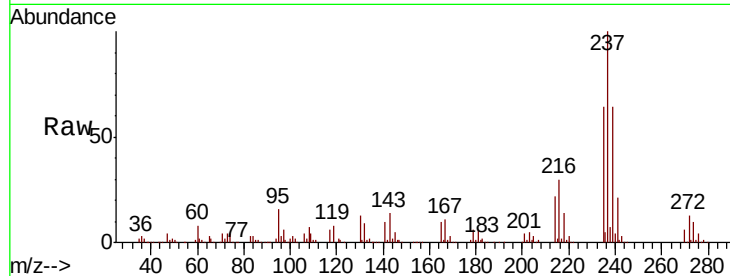
#41
Hexachlorocyclopentadiene
Concen: 83.734 ng
RT: 12.74 min Scan# 1643
Delta R.T. 0.00 min
Lab File: BG046509.D
Acq: 2 Sep 2020 18:52

Instrument :
BNA_G
ClientSampleId :
789UMR-DSP01-01MSD

Tot Ion	Ratio	Resp Lower	Upper
237	100		
235	64.0	44.5	84.5
272	12.9	0.0	32.8

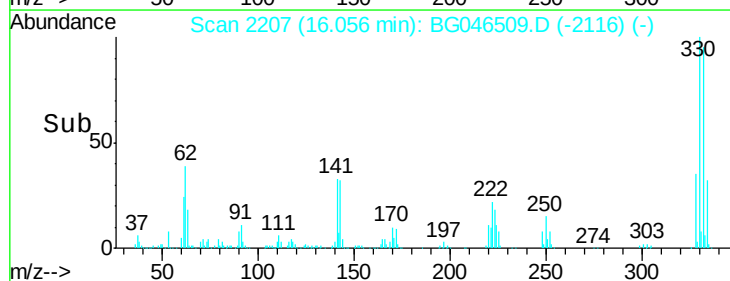
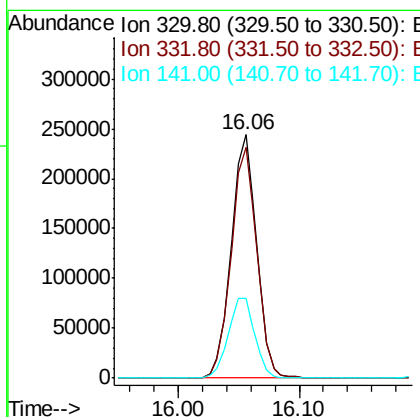
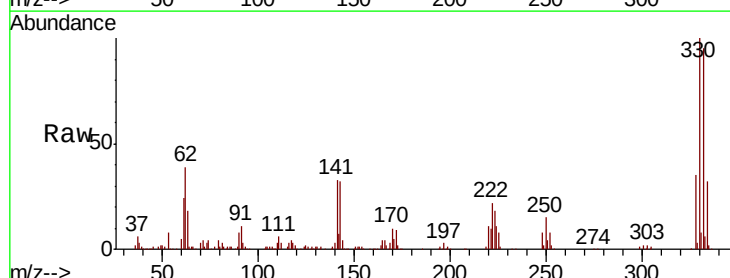
Manual Integrations
APPROVED

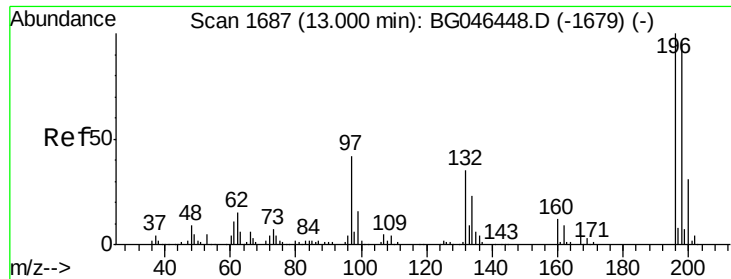
mohammad
9/3/2020 1:47:47 PM



#42
2,4,6-Tribromophenol
Concen: 119.745 ng
RT: 16.06 min Scan# 2207
Delta R.T. 0.01 min
Lab File: BG046509.D
Acq: 2 Sep 2020 18:52

Tgt Ion	Ratio	Resp Lower	Upper
330	100		
332	95.7	76.1	114.1
141	34.3	26.1	39.1





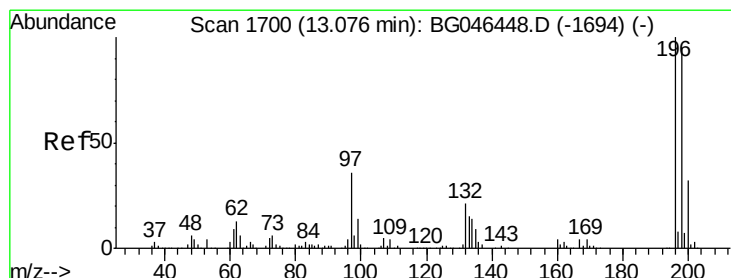
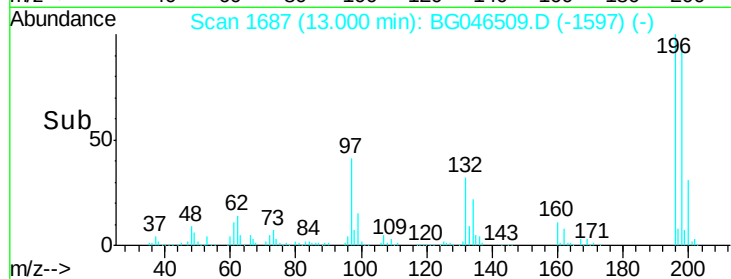
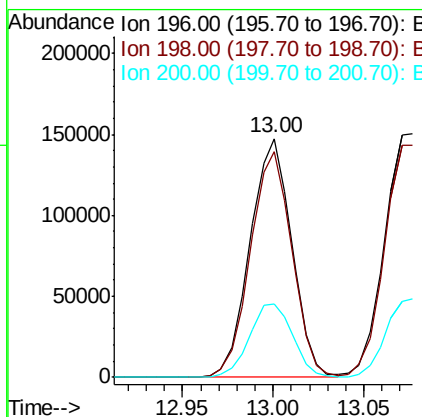
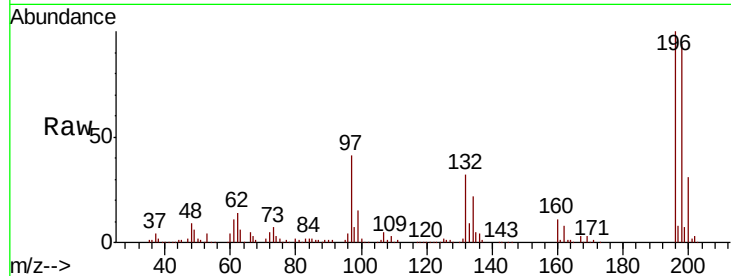
#43
 2,4,6-Trichlorophenol
 Concen: 47.989 ng
 RT: 13.00 min Scan# 1687
 Delta R.T. 0.00 min
 Lab File: BG046509.D
 Acq: 2 Sep 2020 18:52

Instrument :
 BNA_G
 ClientSampleId :
 789UMR-DSP01-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	235201		
198	94.4	77.0	115.6	
200	30.5	25.2	37.8	

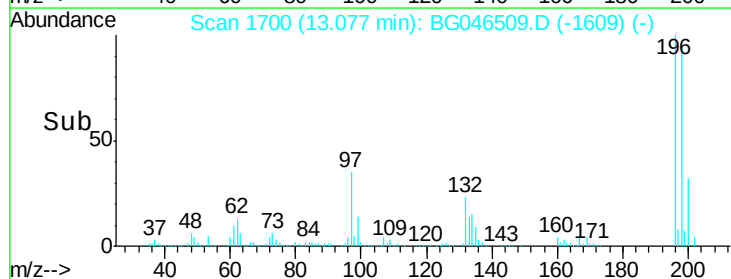
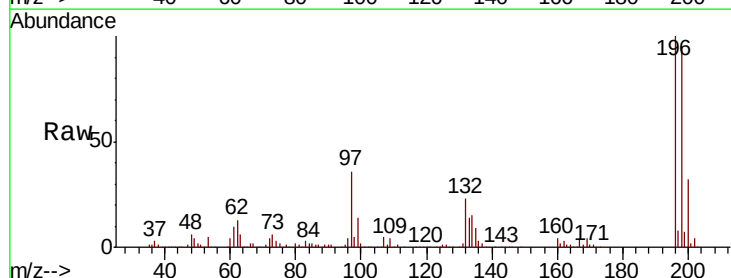
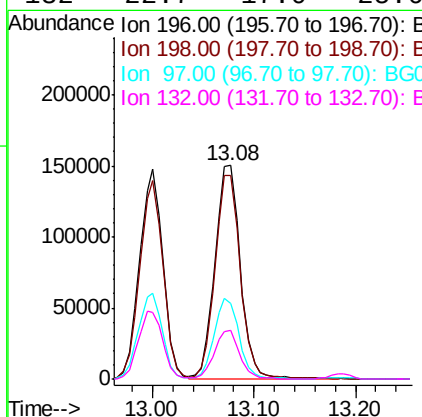
Manual Integrations
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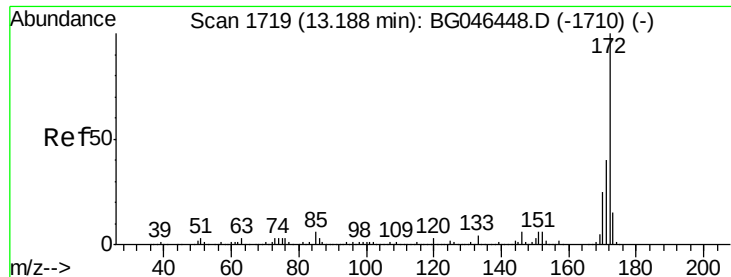
mohammad
 9/3/2020 1:47:47 PM



#44
 2,4,5-Trichlorophenol
 Concen: 50.467 ng
 RT: 13.08 min Scan# 1700
 Delta R.T. 0.01 min
 Lab File: BG046509.D
 Acq: 2 Sep 2020 18:52

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	259879		
198	95.2	75.6	113.4	
97	35.7	28.6	43.0	
132	22.7	17.0	25.6	





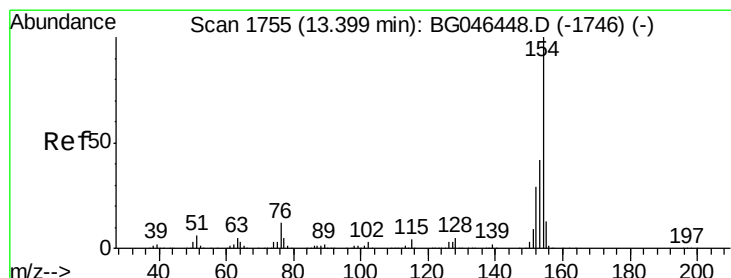
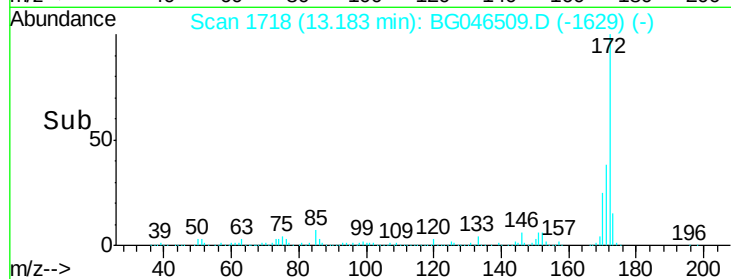
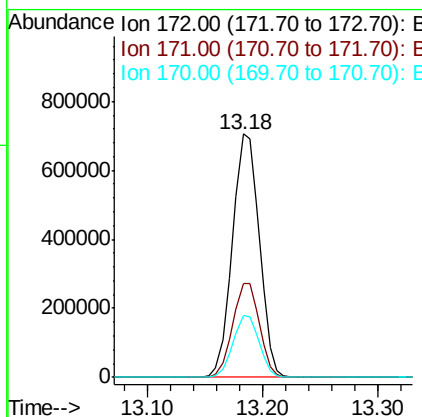
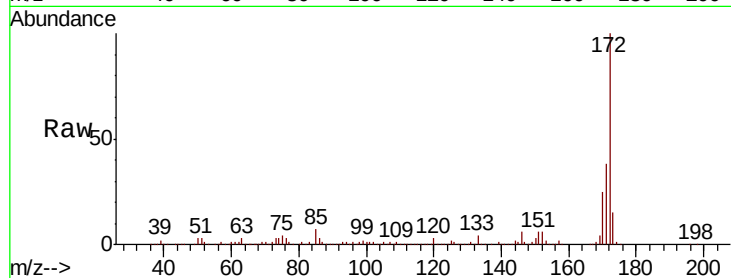
#45
2-Fluorobiphenyl
Concen: 78.957 ng
RT: 13.18 min Scan# 1718
Delta R.T. -0.00 min
Lab File: BG046509.D
Acq: 2 Sep 2020 18:52

Instrument :
BNA_G
ClientSampleId :
789UMR-DSP01-01MSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.3	31.8	47.6
170	25.4	20.3	30.5

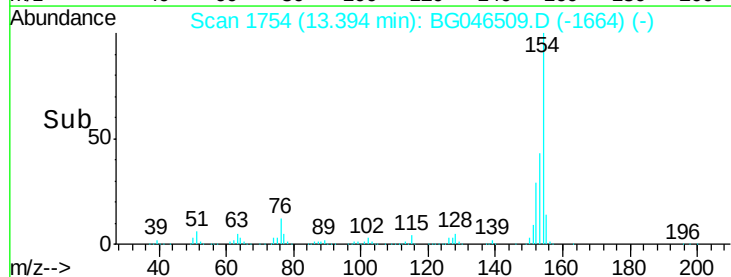
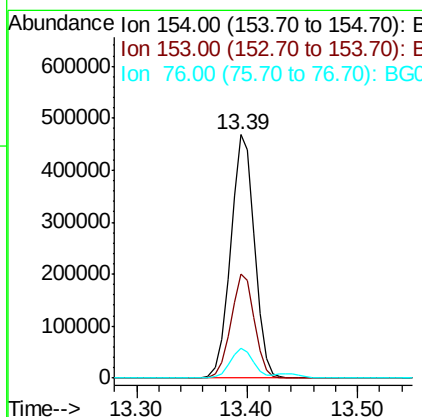
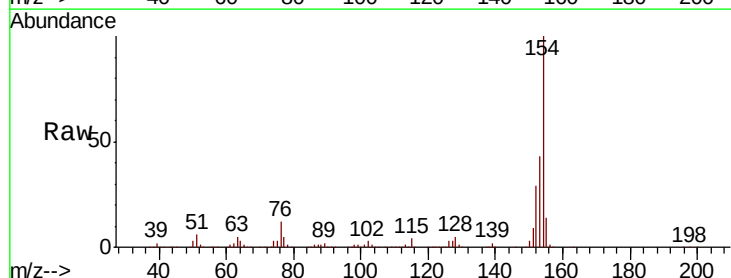
Manual Integrations
APPROVED

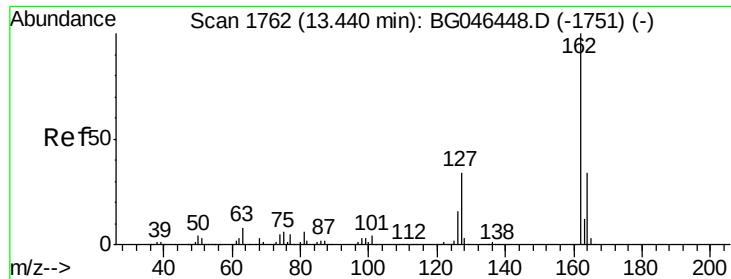
mohammad
9/3/2020 1:47:47 PM



#46
1,1'-Biphenyl
Concen: 46.114 ng
RT: 13.39 min Scan# 1754
Delta R.T. 0.00 min
Lab File: BG046509.D
Acq: 2 Sep 2020 18:52

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.5	22.0	62.0
76	12.3	0.0	32.3





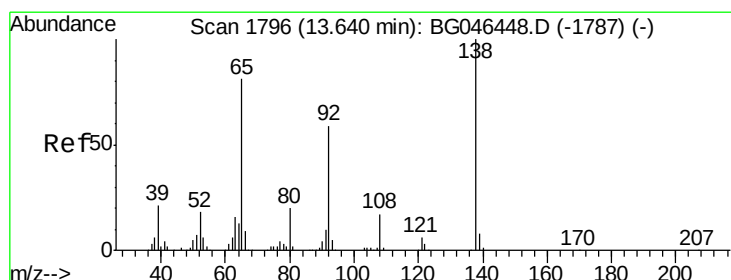
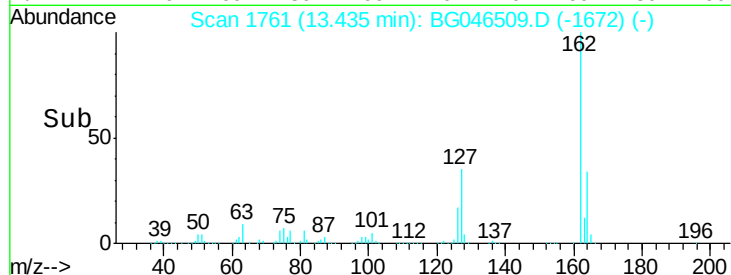
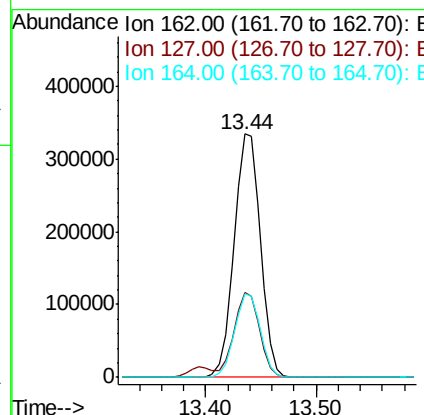
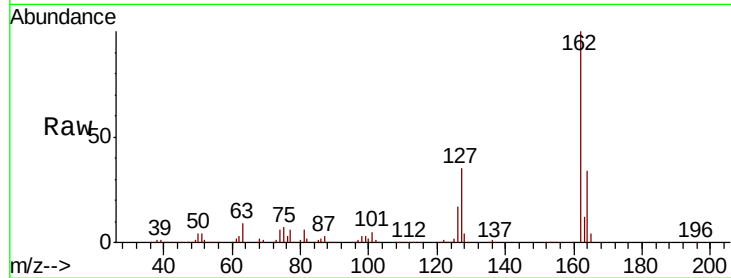
#47
2-Chloronaphthalene
Concen: 43.006 ng
RT: 13.44 min Scan# 1761
Delta R.T. -0.00 min
Lab File: BG046509.D
Acq: 2 Sep 2020 18:52

Instrument :
BNA_G
ClientSampleId :
789UMR-DSP01-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	558732		
127	35.0		27.6	41.4
164	34.5		27.3	40.9

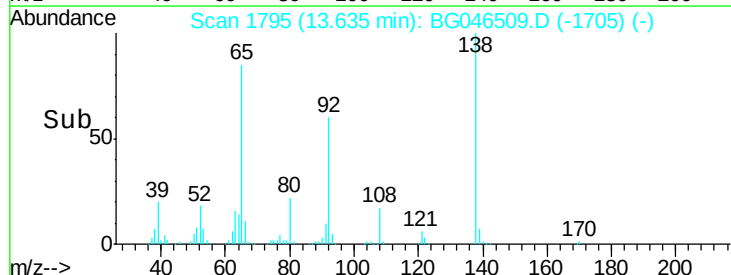
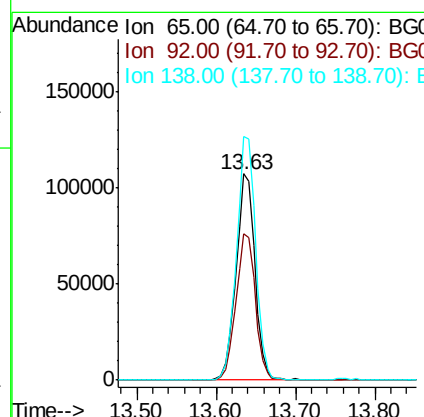
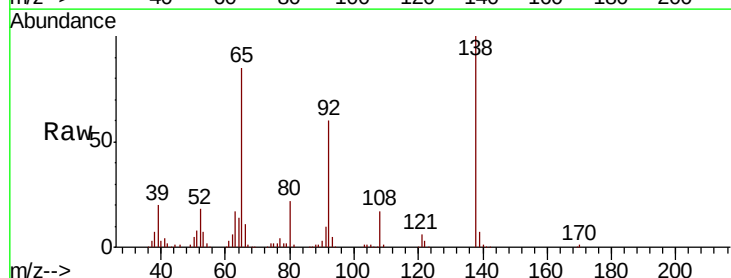
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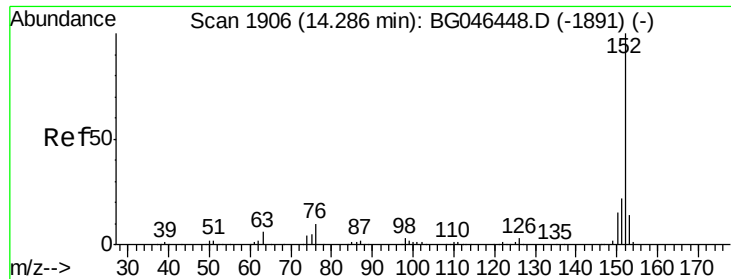
mohammad
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#48
2-Nitroaniline
Concen: 49.200 ng
RT: 13.63 min Scan# 1795
Delta R.T. 0.00 min
Lab File: BG046509.D
Acq: 2 Sep 2020 18:52

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	177495		
92	71.1		58.5	87.7
138	118.2		98.4	147.6





#49

Acenaphthylene

Concen: 46.704 ng

RT: 14.29 min Scan# 1906

Delta R.T. 0.00 min

Lab File: BG046509.D

Acq: 2 Sep 2020 18:52

Instrument :

BNA_G

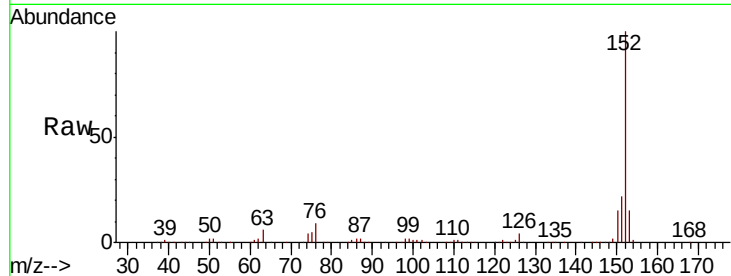
ClientSampleId :

789UMR-DSP01-01MSD

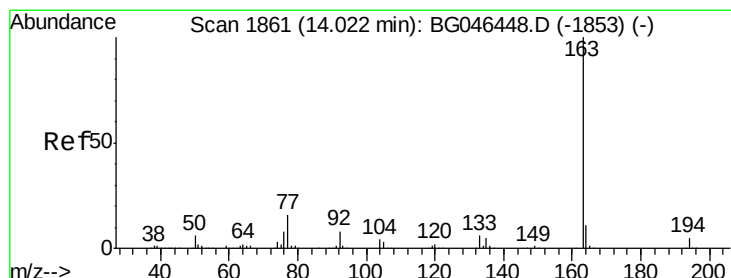
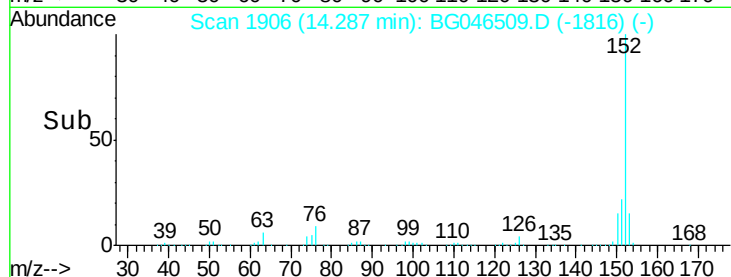
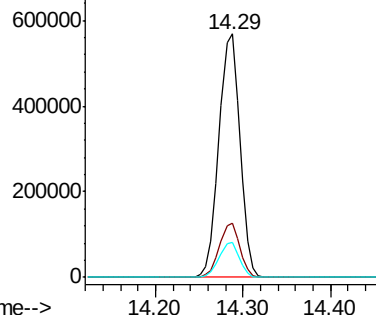
Tot Ion:	152	Resp:	920438
Ion Ratio	Lower	Upper	
152	100		
151	22.4	17.7	26.5
153	14.5	11.2	16.8

Manual Integrations
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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 52.742 ng

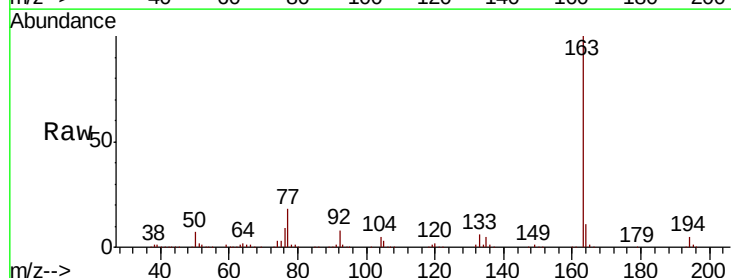
RT: 14.02 min Scan# 1861

Delta R.T. 0.01 min

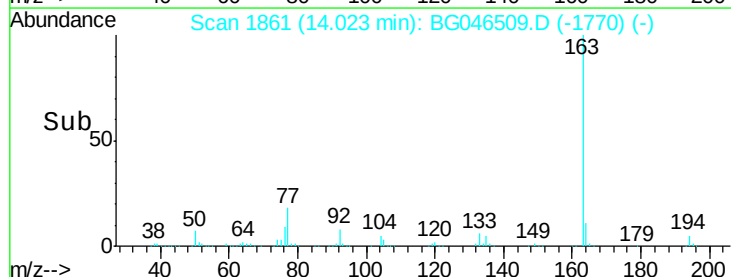
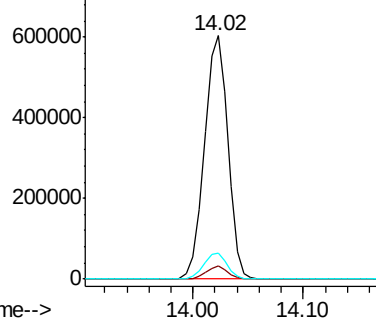
Lab File: BG046509.D

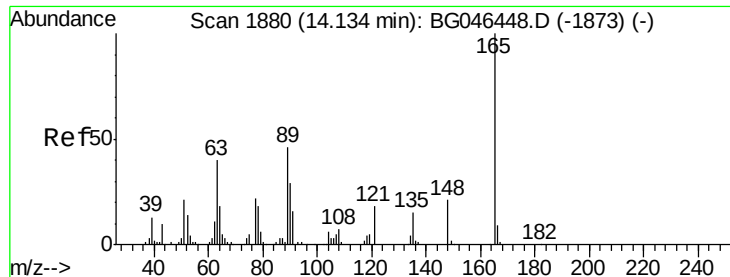
Acq: 2 Sep 2020 18:52

Tgt Ion:	163	Resp:	898676
Ion Ratio	Lower	Upper	
163	100		
194	5.2	3.7	5.5
164	10.6	8.6	12.8



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





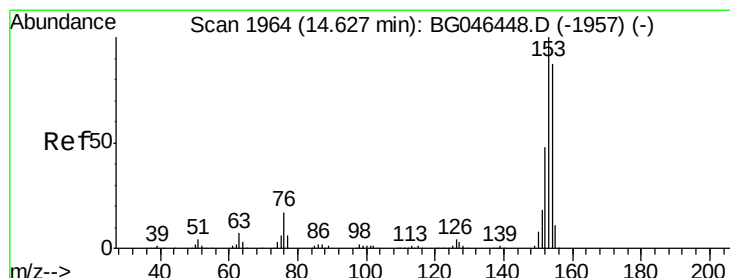
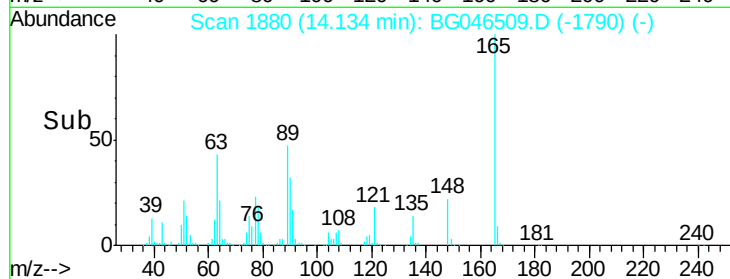
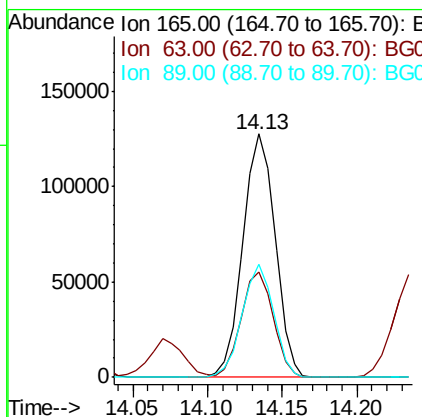
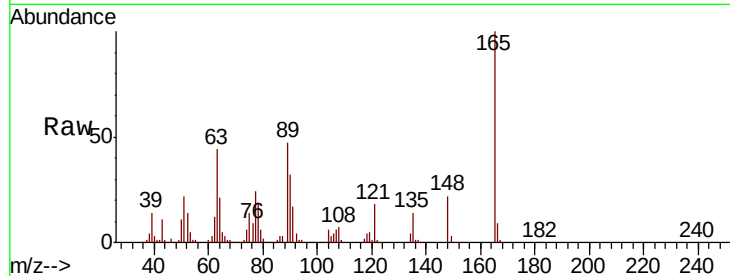
#51
 2,6-Dinitrotoluene
 Concen: 50.983 ng
 RT: 14.13 min Scan# 1880
 Delta R.T. 0.00 min
 Lab File: BG046509.D
 Acq: 2 Sep 2020 18:52

Instrument :
 BNA_G
 ClientSampleId :
 789UMR-DSP01-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	191493		
63	43.5	34.2	51.4	
89	46.6	37.0	55.4	

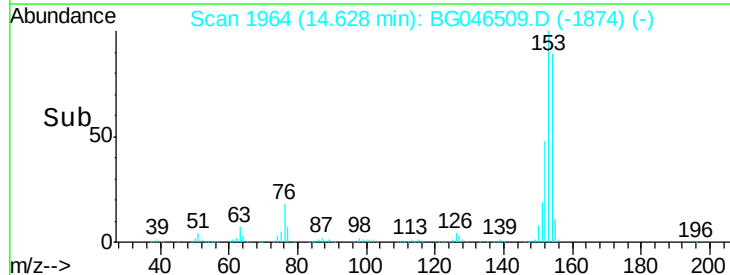
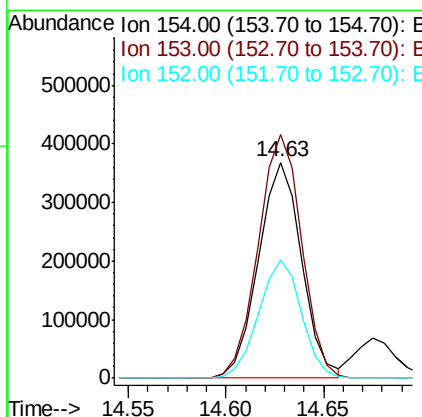
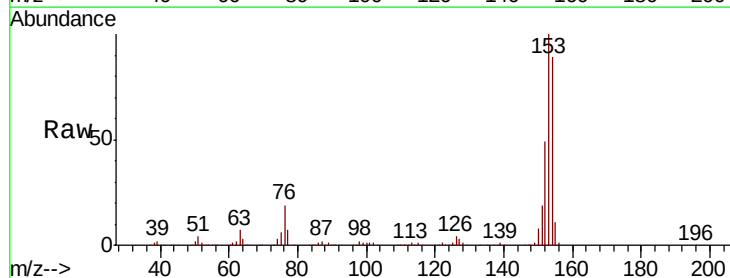
Manual Integrations
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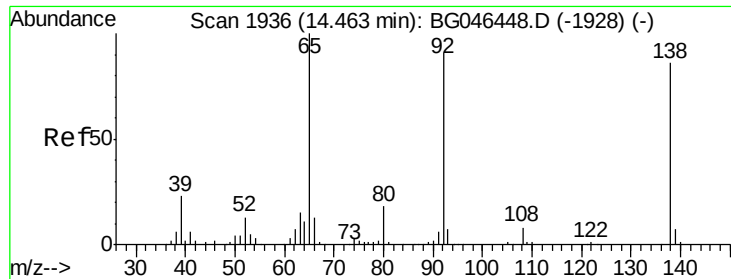
mohammad
 9/3/2020 1:47:47 PM



#52
 Acenaphthene
 Concen: 46.191 ng
 RT: 14.63 min Scan# 1964
 Delta R.T. 0.00 min
 Lab File: BG046509.D
 Acq: 2 Sep 2020 18:52

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	564120		
153	112.7	91.9	137.9	
152	54.7	43.8	65.6	





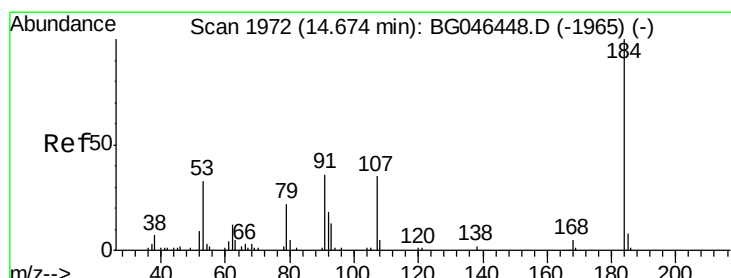
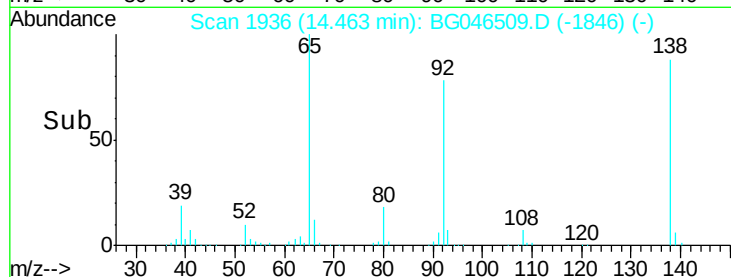
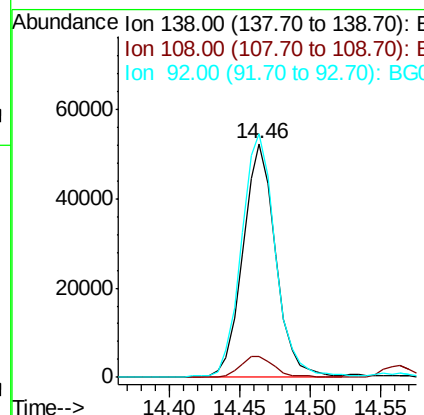
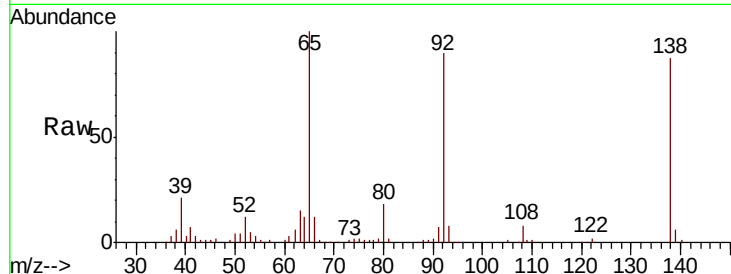
#53
3-Nitroaniline
Concen: 20.910 ng
RT: 14.46 min Scan# 1936
Delta R.T. 0.00 min
Lab File: BG046509.D
Acq: 2 Sep 2020 18:52

Instrument :
BNA_G
ClientSampleId :
789UMR-DSP01-01MSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.1	7.0	10.6
92	104.0	84.6	127.0

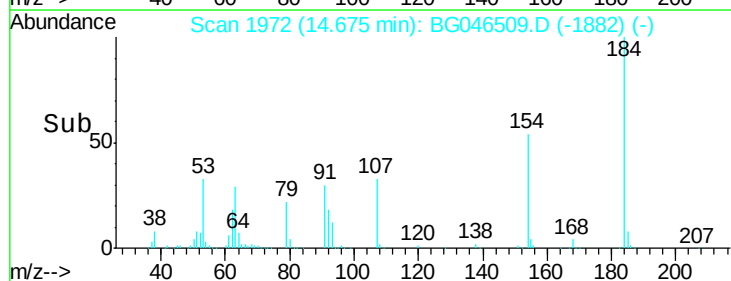
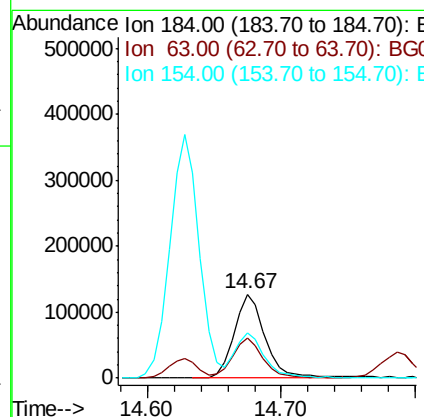
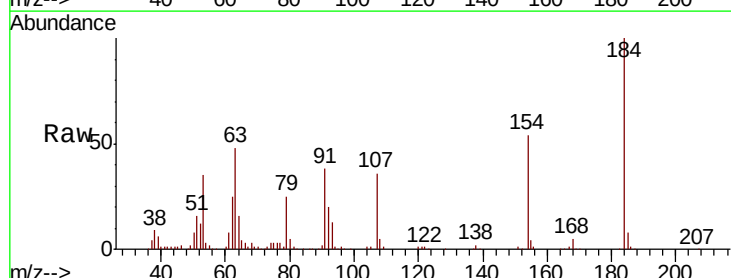
Manual Integrations
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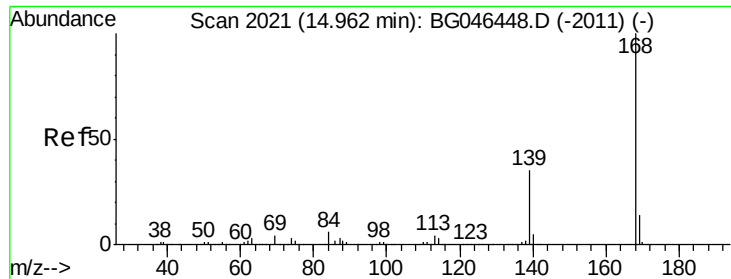
mohammad
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#54
2,4-Dinitrophenol
Concen: 93.488 ng
RT: 14.67 min Scan# 1972
Delta R.T. 0.00 min
Lab File: BG046509.D
Acq: 2 Sep 2020 18:52

Tgt Ion	Ratio	Lower	Upper
184	100		
63	47.6	35.6	53.4
154	54.0	44.3	66.5





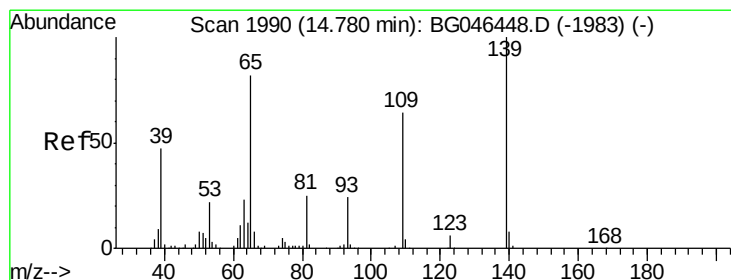
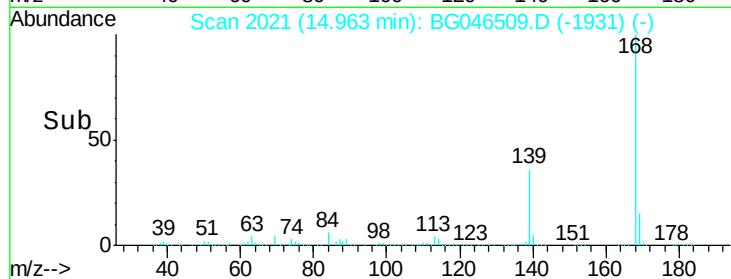
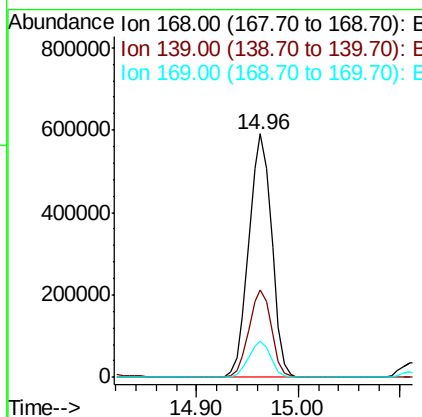
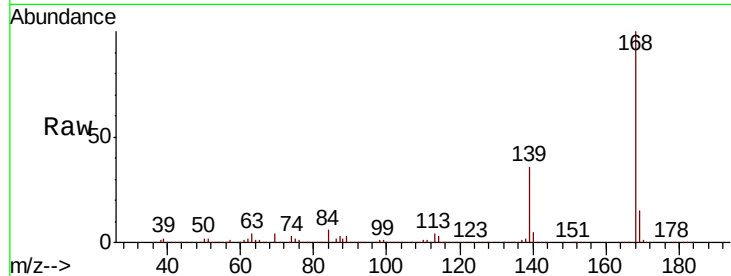
#55
Dibenzenofuran
Concen: 47.153 ng
RT: 14.96 min Scan# 2021
Delta R.T. 0.00 min
Lab File: BG046509.D
Acq: 2 Sep 2020 18:52

Instrument :
BNA_G
ClientSampleId :
789UMR-DSP01-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
168	100	924171		
139	35.8	28.1	42.1	
169	14.6	11.5	17.3	

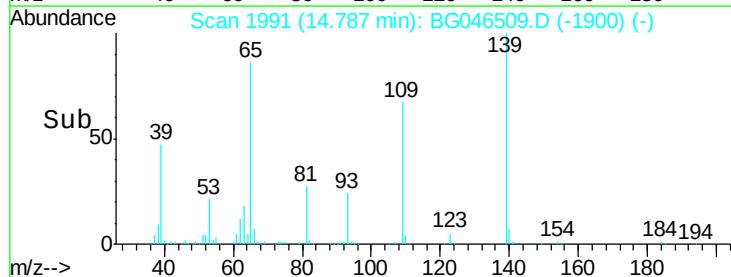
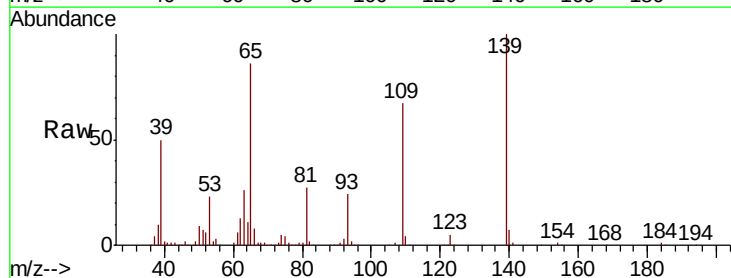
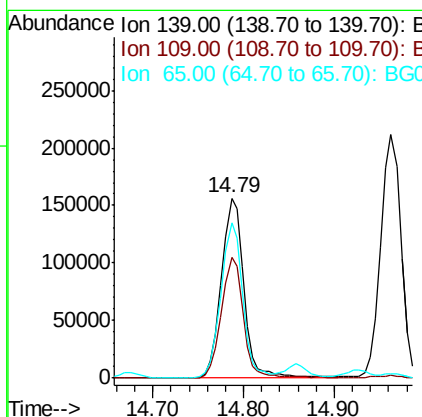
Manual Integrations
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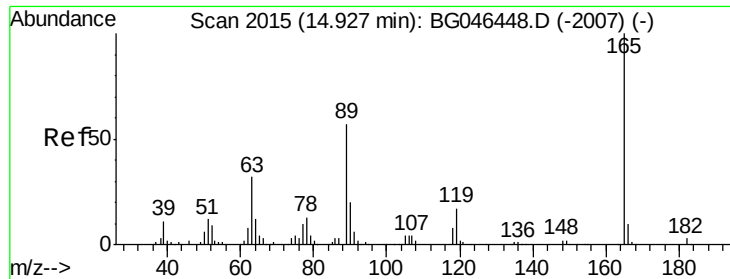
mohammad
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#56
4-Nitrophenol
Concen: 90.719 ng
RT: 14.79 min Scan# 1991
Delta R.T. 0.01 min
Lab File: BG046509.D
Acq: 2 Sep 2020 18:52

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	271637		
109	66.7	44.3	84.3	
65	85.9	61.5	101.5	





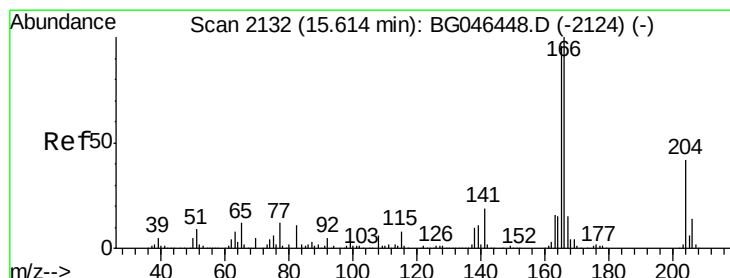
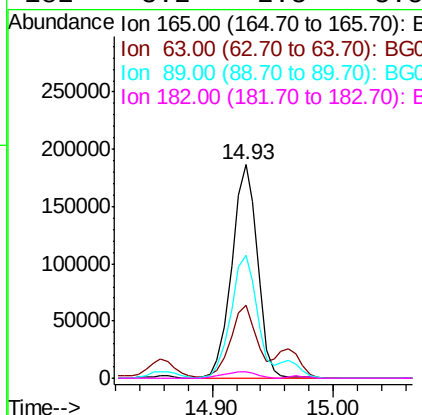
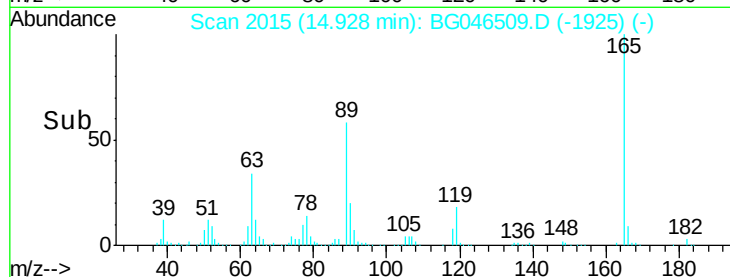
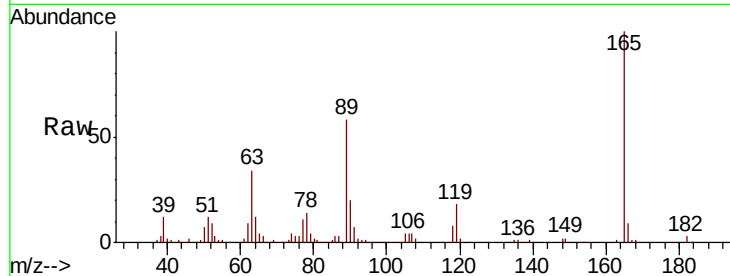
#57
2,4-Dinitrotoluene
Concen: 51.602 ng
RT: 14.93 min Scan# 2015
Delta R.T. 0.00 min
Lab File: BG046509.D
Acq: 2 Sep 2020 18:52

Instrument :
BNA_G
ClientSampleId :
789UMR-DSP01-01MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		276361		
63	34.5	25.4	38.0		
89	57.6	45.9	68.9		
182	3.2	2.3	3.5		

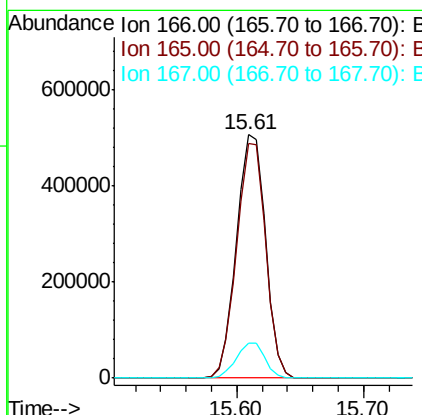
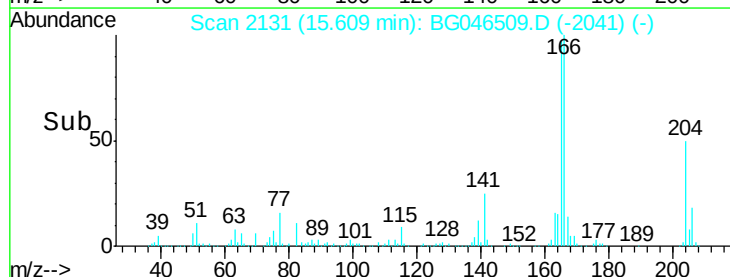
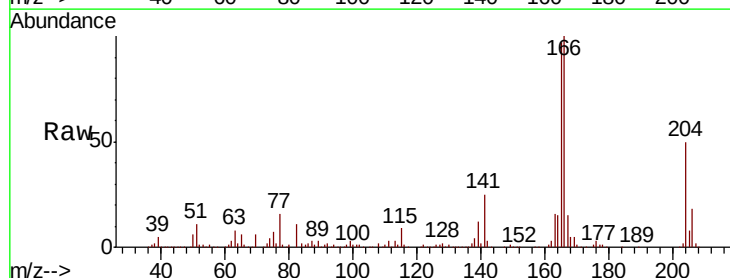
Manual Integrations
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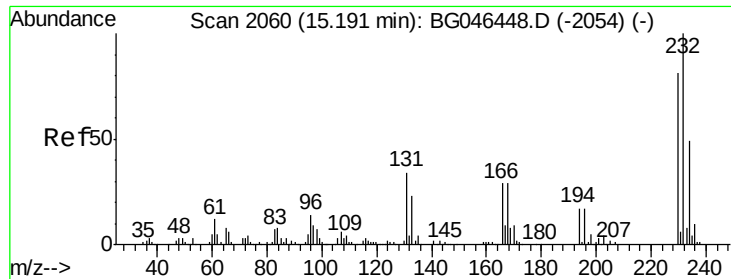
mohammad
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#58
Fluorene
Concen: 48.600 ng
RT: 15.61 min Scan# 2131
Delta R.T. 0.00 min
Lab File: BG046509.D
Acq: 2 Sep 2020 18:52

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		799458		
165	96.6	77.0	115.4		
167	14.5	11.8	17.6		





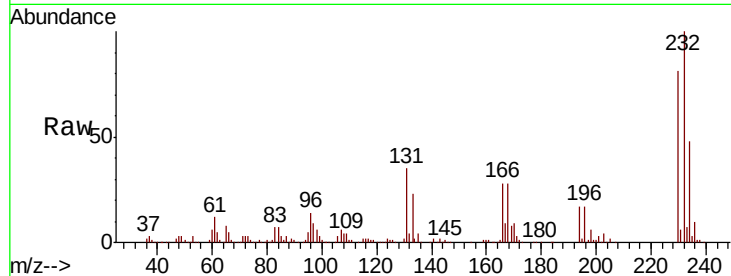
#59
2,3,4,6-Tetrachlorophenol
Concen: 50.326 ng
RT: 15.19 min Scan# 2060
Delta R.T. 0.00 min
Lab File: BG046509.D
Acq: 2 Sep 2020 18:52

Instrument :
BNA_G
ClientSampleId :
789UMR-DSP01-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
232	100	251659		
131	35.1	26.8	40.2	
130	1.9	1.4	2.2	
166	28.1	22.8	34.2	

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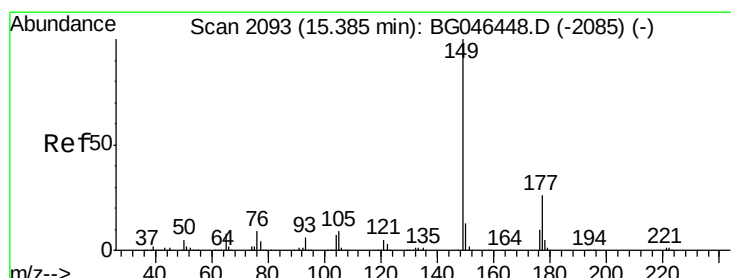
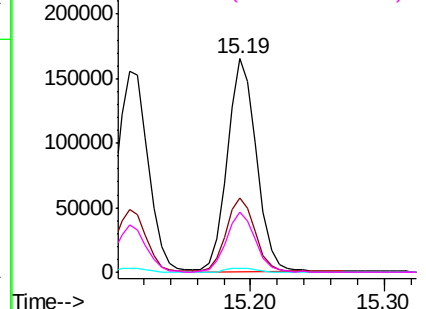
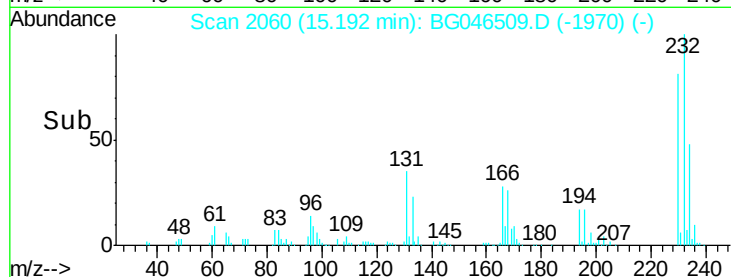
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

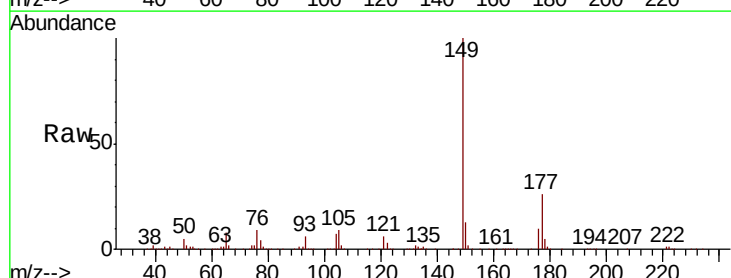
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 49.818 ng
RT: 15.39 min Scan# 2093
Delta R.T. 0.00 min
Lab File: BG046509.D
Acq: 2 Sep 2020 18:52

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	827631		
177	26.2	20.6	30.8	
150	13.3	10.3	15.5	

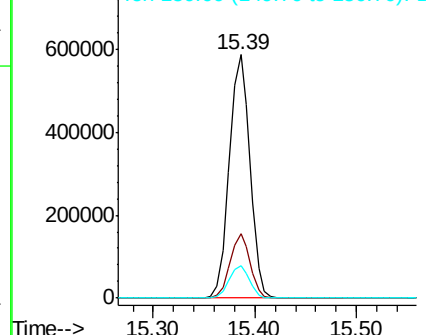
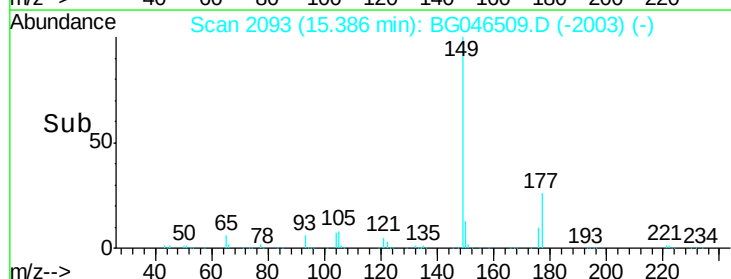


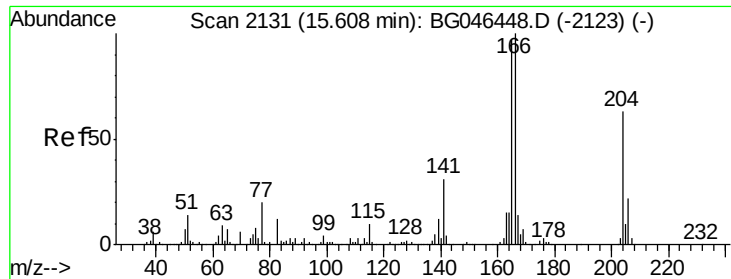
Abundance

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





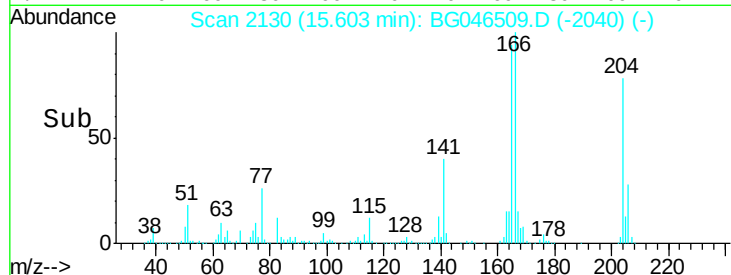
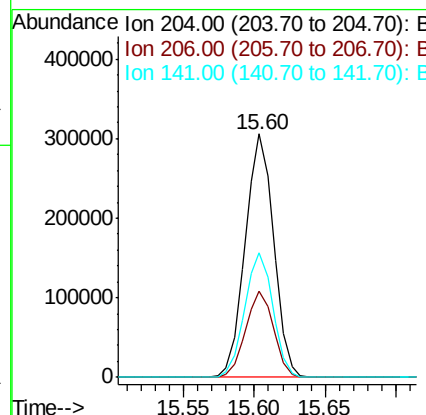
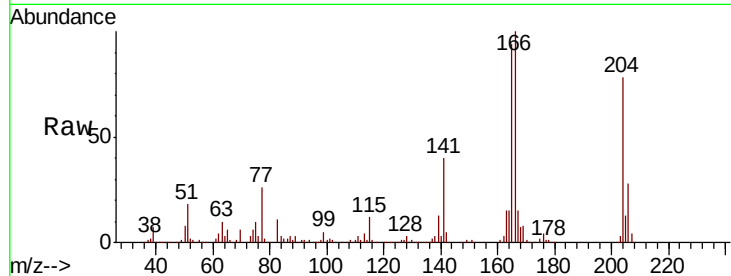
#61
 4-Chlorophenyl-phenylether
 Concen: 47.695 ng
 RT: 15.60 min Scan# 2130
 Delta R.T. 0.00 min
 Lab File: BG046509.D
 Acq: 2 Sep 2020 18:52

Instrument :
 BNA_G
 ClientSampleId :
 789UMR-DSP01-01MSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	35.3	27.7	41.5
141	51.4	38.7	58.1

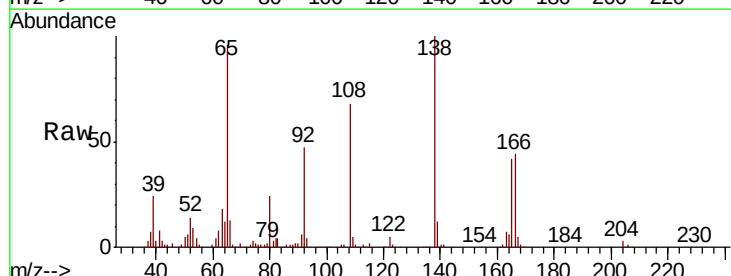
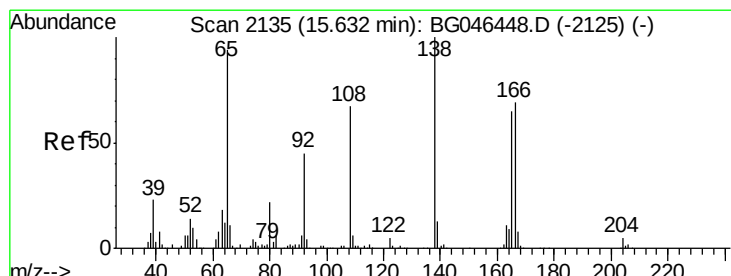
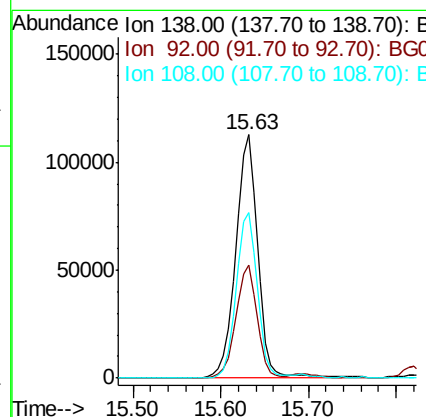
Manual Integrations
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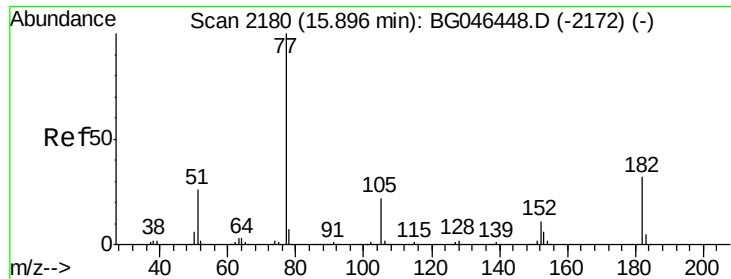
mohammad
 9/3/2020 1:47:47 PM



#62
 4-Nitroaniline
 Concen: 44.937 ng
 RT: 15.63 min Scan# 2135
 Delta R.T. 0.01 min
 Lab File: BG046509.D
 Acq: 2 Sep 2020 18:52

Tgt Ion	Ratio	Lower	Upper
138	100		
92	46.6	25.3	65.3
108	67.8	46.7	86.7





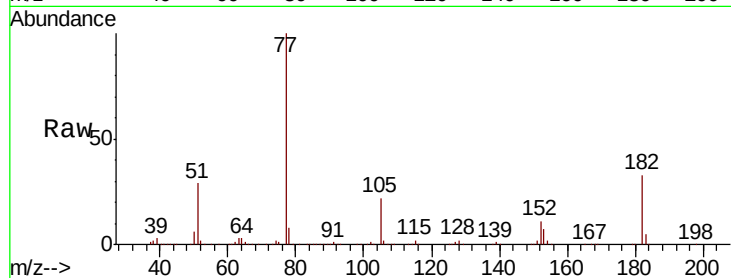
#63
Azobenzene
Concen: 50.862 ng
RT: 15.90 min Scan# 2180
Delta R.T. 0.00 min
Lab File: BG046509.D
Acq: 2 Sep 2020 18:52

Instrument :
BNA_G
ClientSampleId :
789UMR-DSP01-01MSD

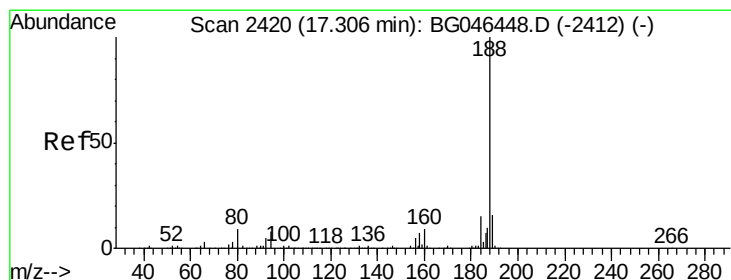
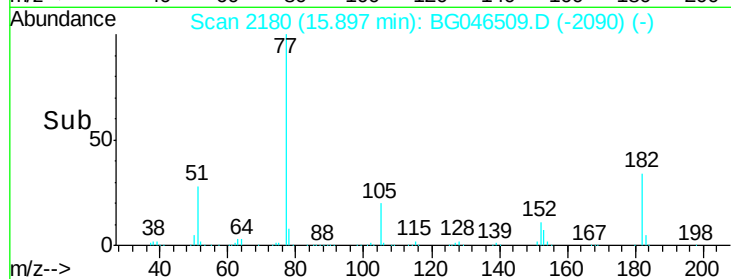
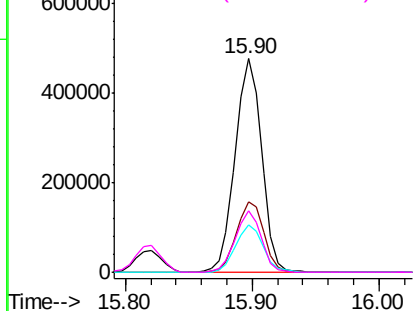
Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		687336		
182	33.2	12.3	52.3		
105	22.2	2.3	42.3		
51	28.5	6.5	46.5		

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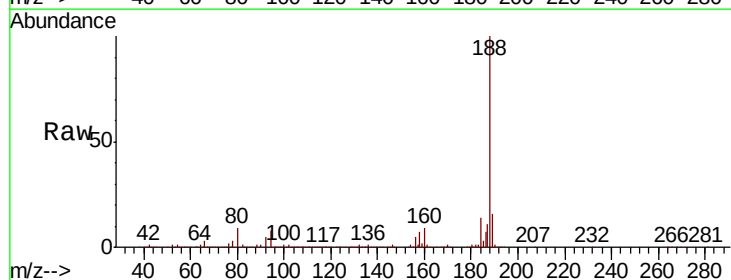


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

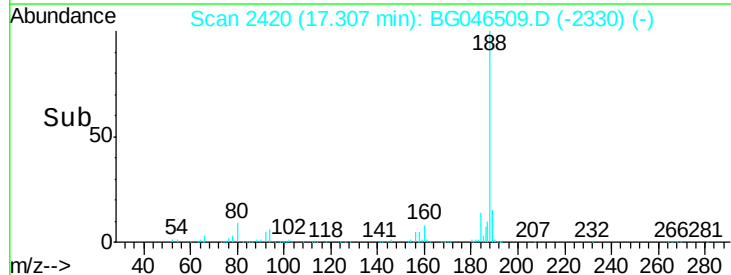
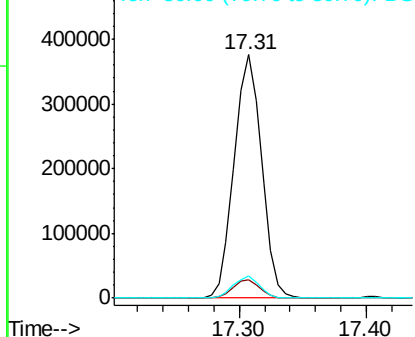


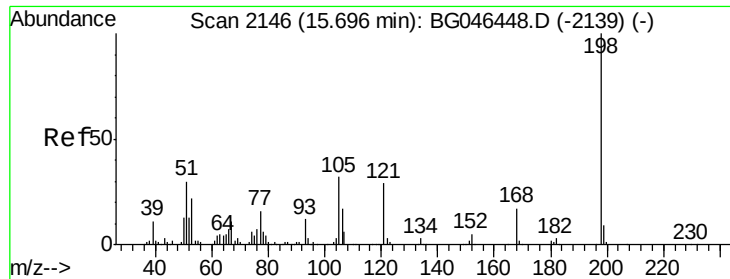
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.31 min Scan# 2420
Delta R.T. 0.00 min
Lab File: BG046509.D
Acq: 2 Sep 2020 18:52

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		564228		
94	7.7	6.3	9.5		
80	8.9	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





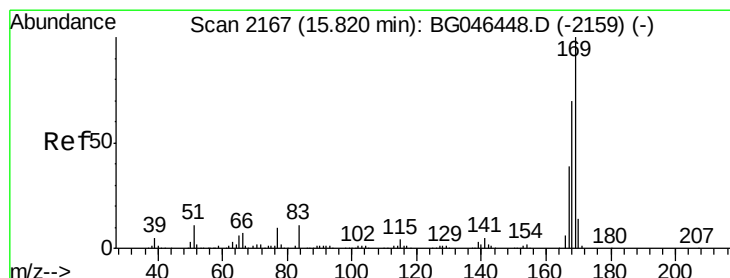
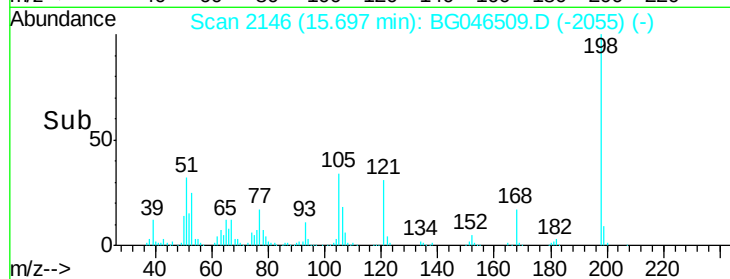
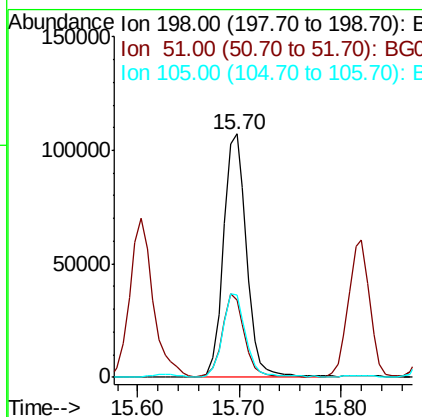
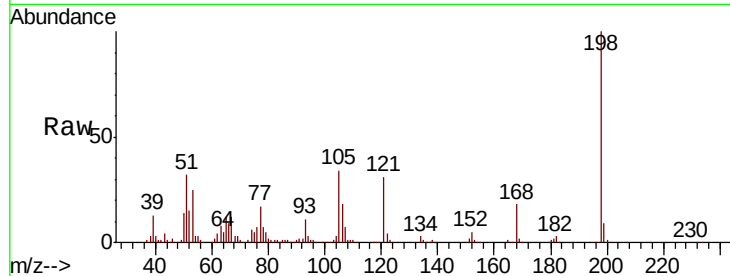
#65
4,6-Dinitro-2-methylphenol
Concen: 53.165 ng
RT: 15.70 min Scan# 2146
Delta R.T. 0.01 min
Lab File: BG046509.D
Acq: 2 Sep 2020 18:52

Instrument :
BNA_G
ClientSampleId :
789UMR-DSP01-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
198	100	169786		
51	32.0		10.4	50.4
105	33.7		12.4	52.4

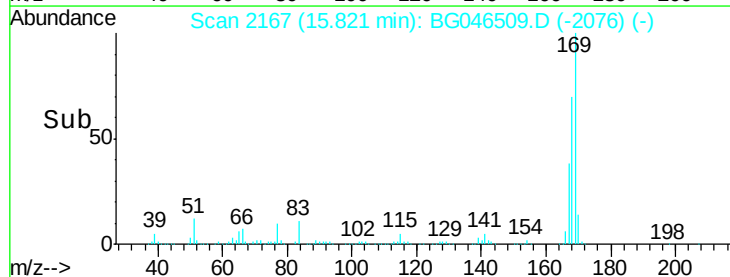
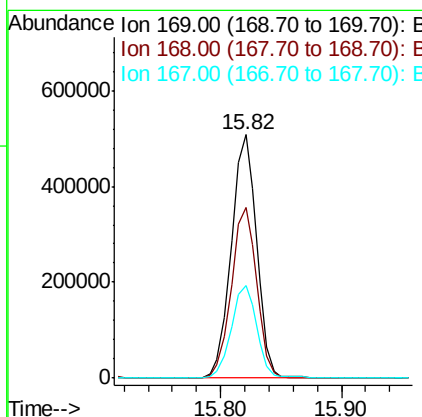
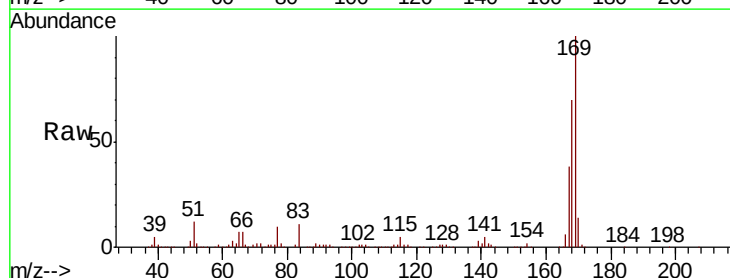
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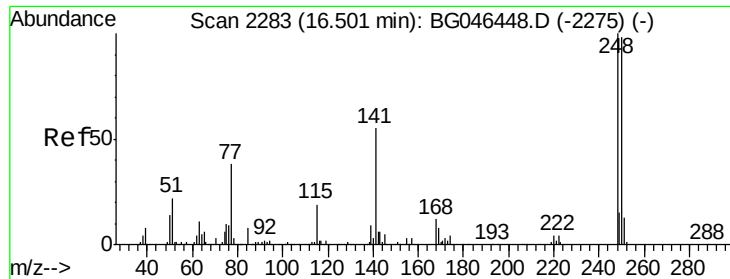
mohammad
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#66
n-Nitrosodiphenylamine
Concen: 48.660 ng
RT: 15.82 min Scan# 2167
Delta R.T. 0.01 min
Lab File: BG046509.D
Acq: 2 Sep 2020 18:52

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	740693		
168	70.3		55.8	83.8
167	38.2		31.0	46.6





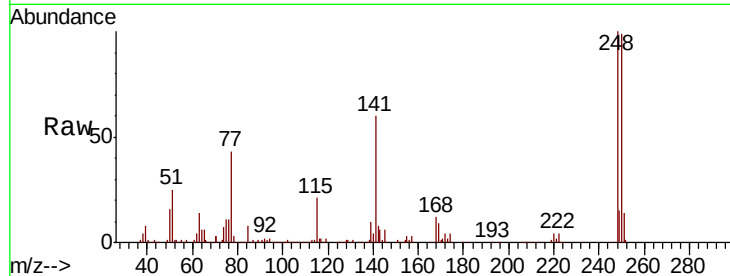
#67
4-Bromophenyl-phenylether
Concen: 46.930 ng
RT: 16.50 min Scan# 2282
Delta R.T. 0.00 min
Lab File: BG046509.D
Acq: 2 Sep 2020 18:52

Instrument :
BNA_G
ClientSampleId :
789UMR-DSP01-01MSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.7	78.6	118.0
141	60.4	43.9	65.9

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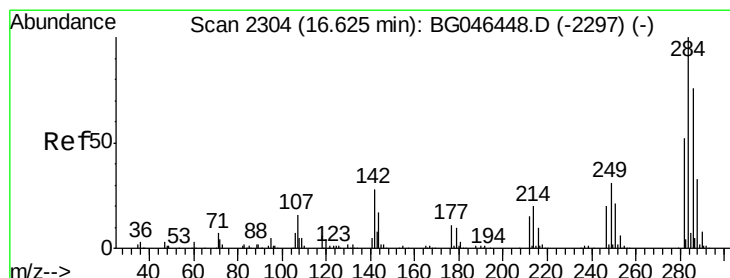
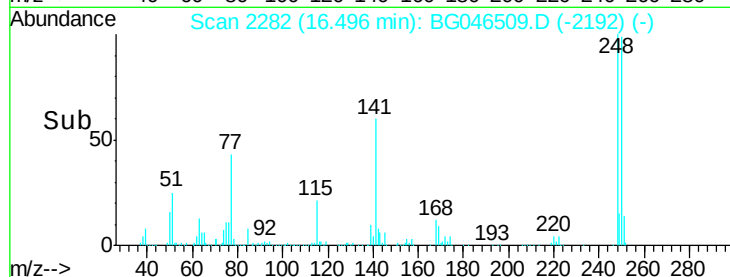
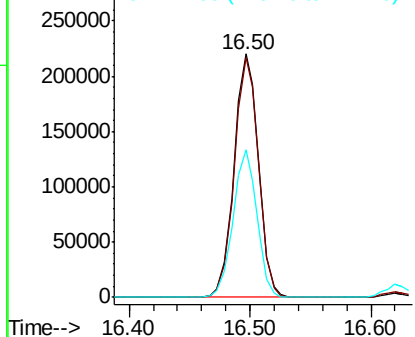


Abundance

Ion 248.00 (247.70 to 248.70): E

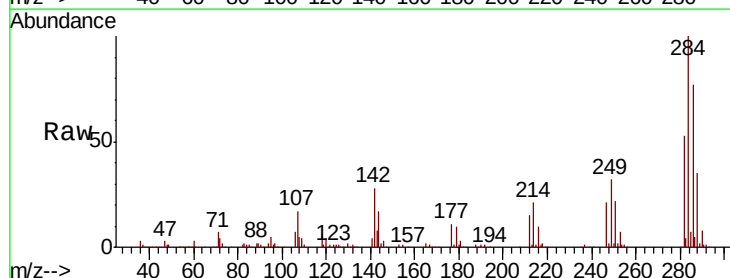
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 44.327 ng
RT: 16.63 min Scan# 2304
Delta R.T. 0.00 min
Lab File: BG046509.D
Acq: 2 Sep 2020 18:52

Tgt Ion	Ratio	Lower	Upper
284	100		
142	27.6	22.3	33.5
249	32.2	24.8	37.2

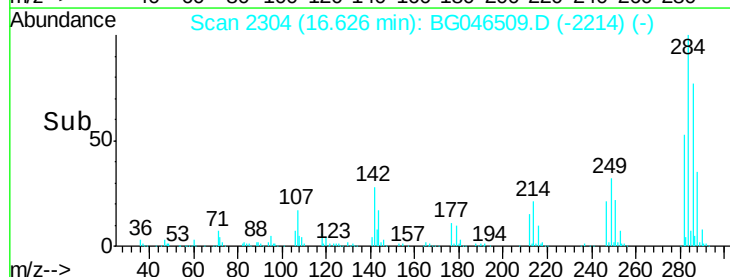
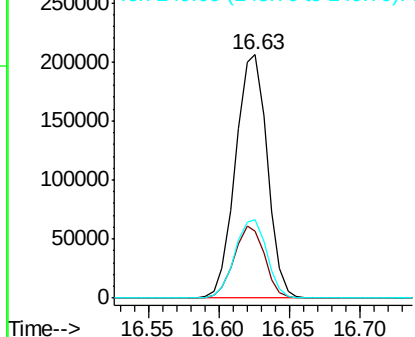


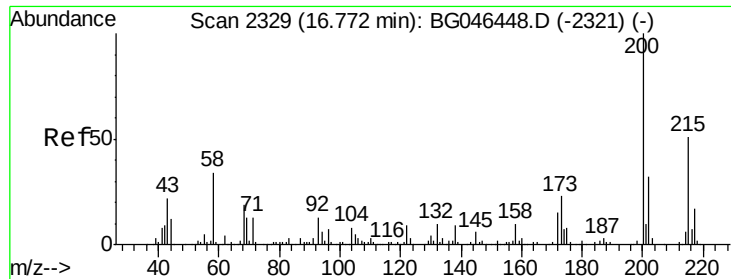
Abundance

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





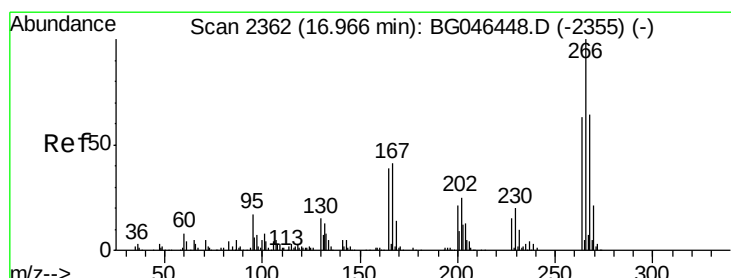
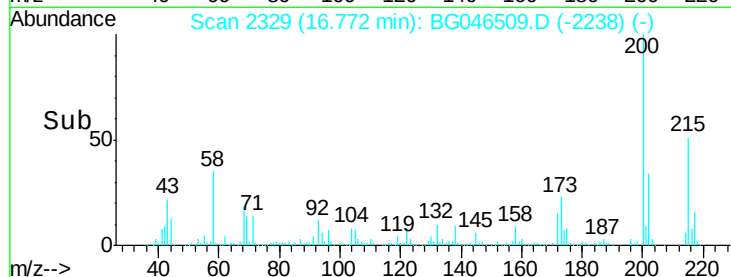
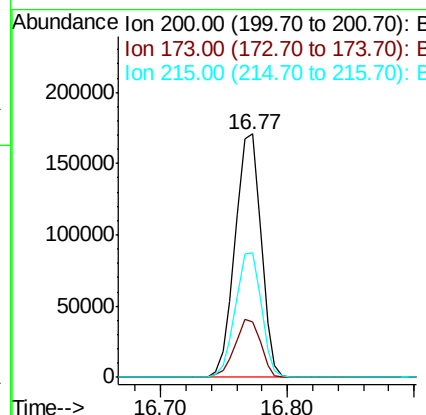
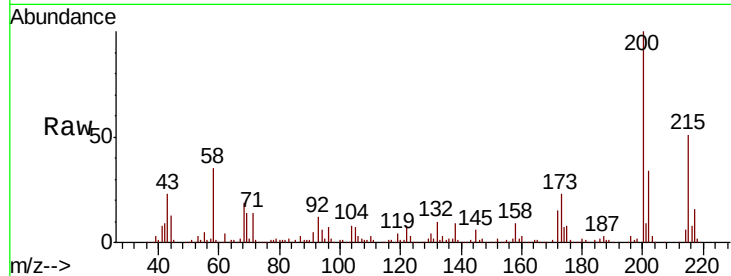
#69
Atrazine
Concen: 38.910 ng
RT: 16.77 min Scan# 2329
Delta R.T. 0.01 min
Lab File: BG046509.D
Acq: 2 Sep 2020 18:52

Instrument :
BNA_G
ClientSampleId :
789UMR-DSP01-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
200	100	241618		
173	22.9	3.3	43.3	
215	51.4	30.9	70.9	

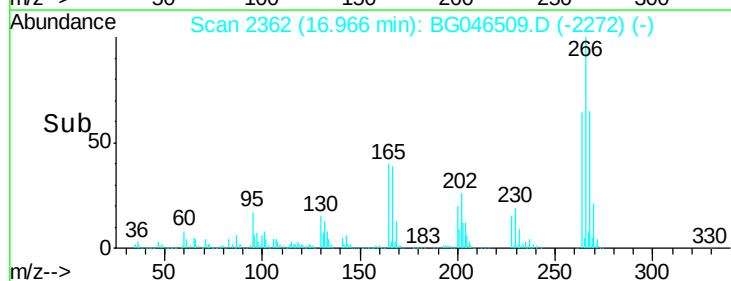
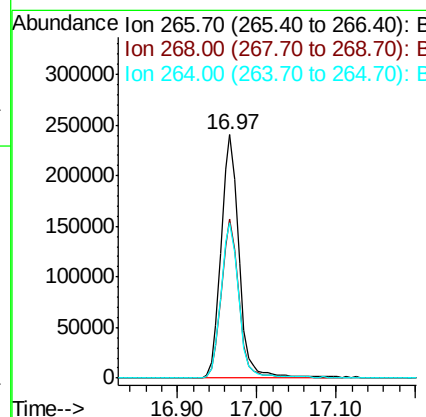
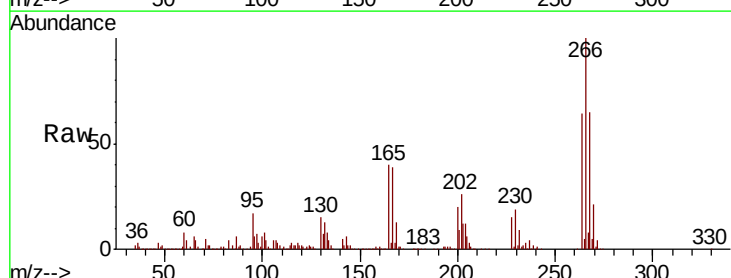
Manual Integrations
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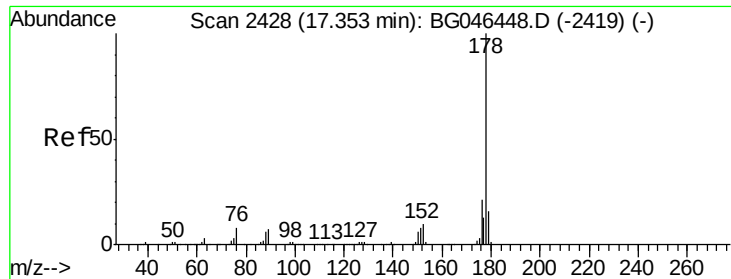
mohammad
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#70
Pentachlorophenol
Concen: 99.935 ng
RT: 16.97 min Scan# 2362
Delta R.T. 0.00 min
Lab File: BG046509.D
Acq: 2 Sep 2020 18:52

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	380652		
268	65.1	51.1	76.7	
264	63.8	50.2	75.2	





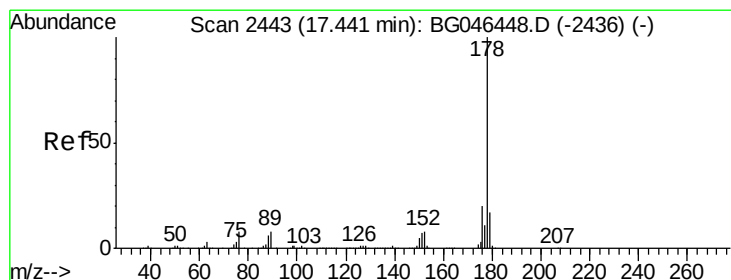
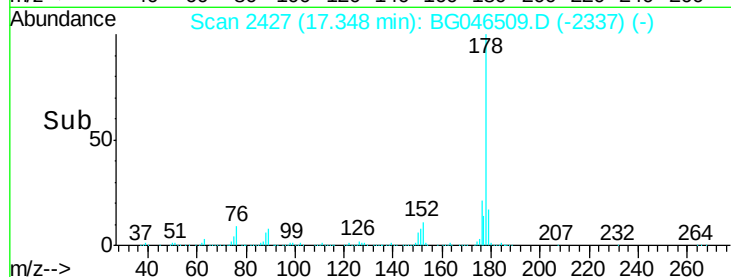
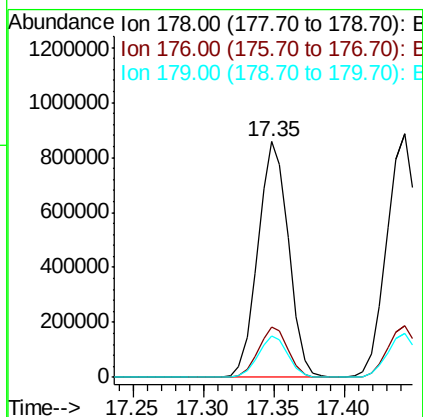
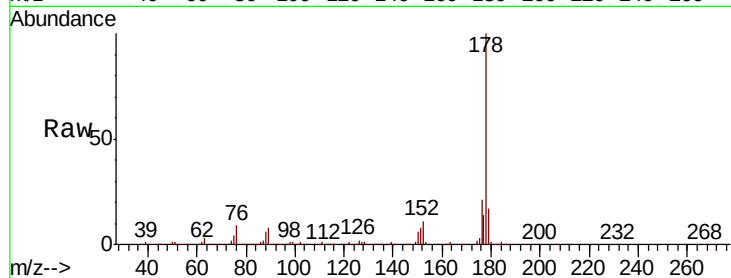
#71
Phenanthrene
Concen: 45.718 ng
RT: 17.35 min Scan# 2427
Delta R.T. 0.00 min
Lab File: BG046509.D
Acq: 2 Sep 2020 18:52

Instrument :
BNA_G
ClientSampleId :
789UMR-DSP01-01MSD

Tot Ion:178 Resp: 1307477
Ion Ratio Lower Upper
178 100
176 21.3 16.8 25.2
179 17.5 13.2 19.8

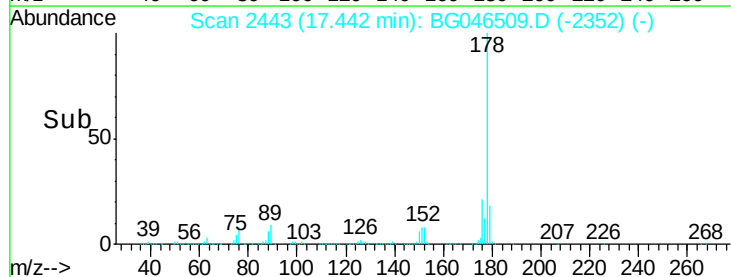
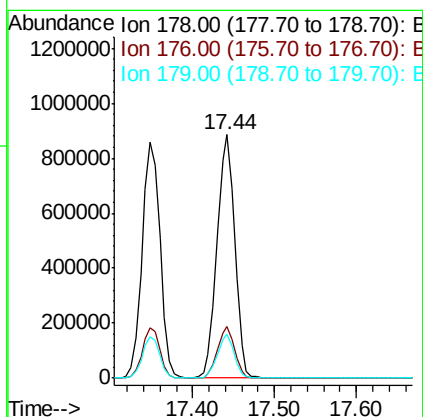
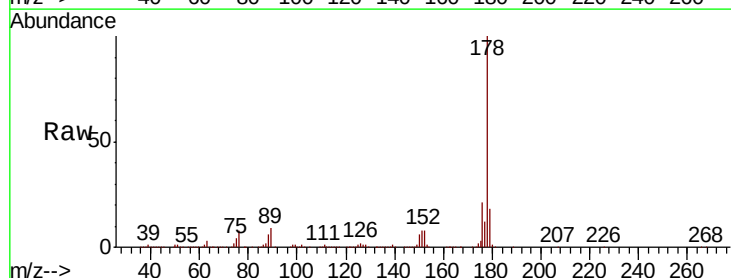
Manual Integrations
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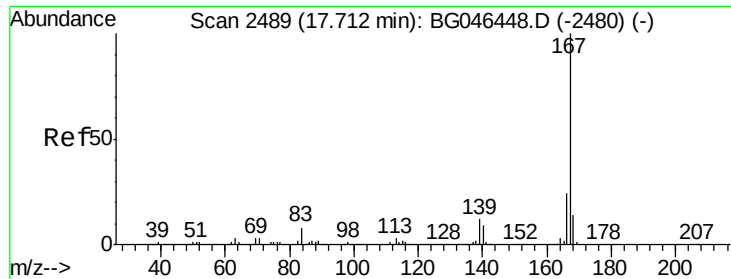
mohammad
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#72
Anthracene
Concen: 47.621 ng
RT: 17.44 min Scan# 2443
Delta R.T. 0.01 min
Lab File: BG046509.D
Acq: 2 Sep 2020 18:52

Tgt Ion:178 Resp: 1343711
Ion Ratio Lower Upper
178 100
176 21.2 16.1 24.1
179 18.0 13.3 19.9





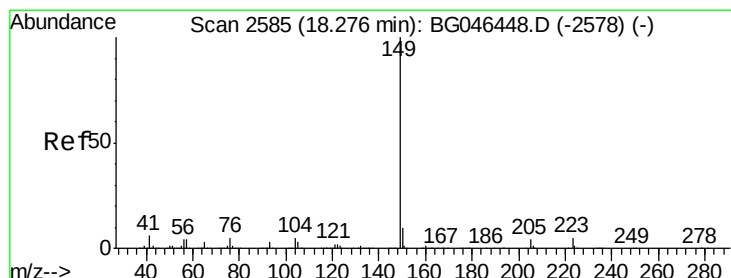
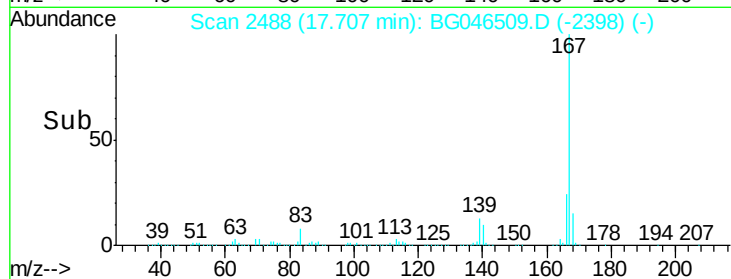
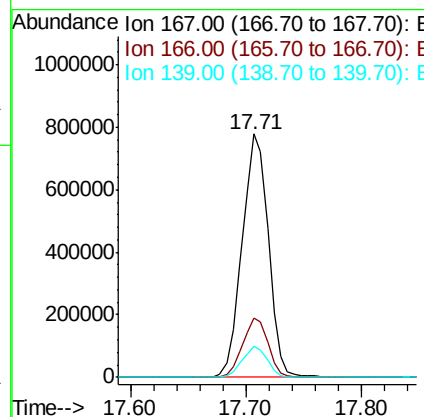
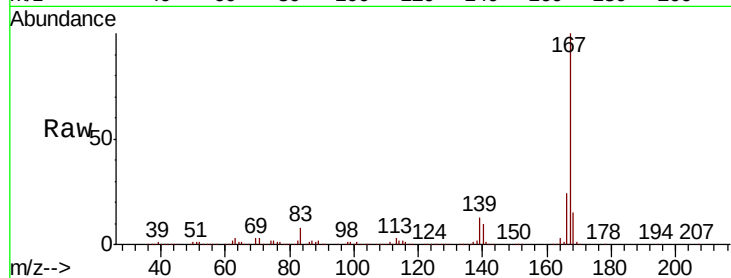
#73
 Carbazole
 Concen: 45.951 ng
 RT: 17.71 min Scan# 2488
 Delta R.T. 0.00 min
 Lab File: BG046509.D
 Acq: 2 Sep 2020 18:52

Instrument :
 BNA_G
 ClientSampleId :
 789UMR-DSP01-01MSD

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

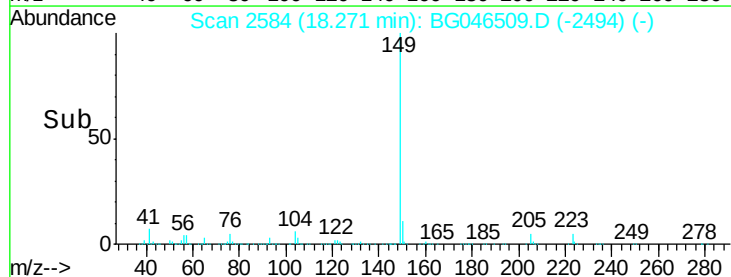
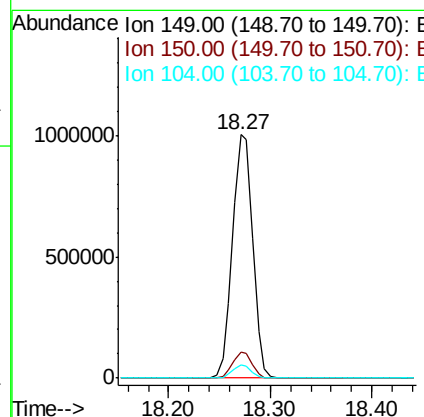
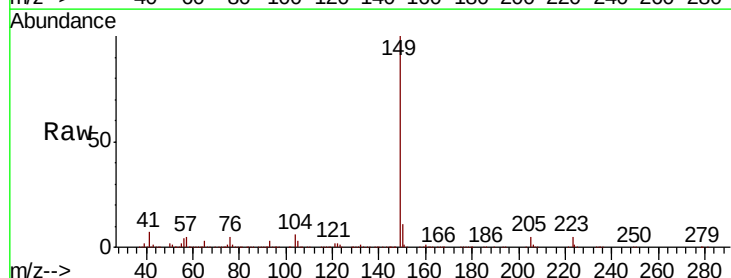
Manual Integrations
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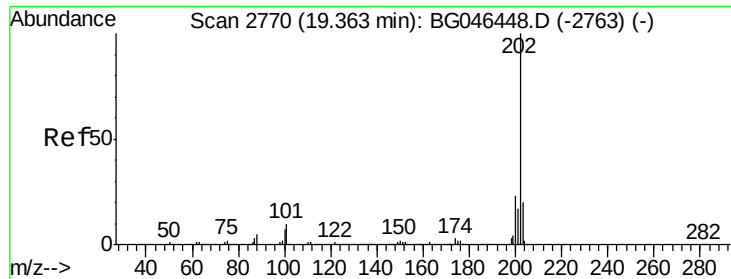
mohammad
 9/3/2020 1:47:47 PM



#74
 Di-n-butylphthalate
 Concen: 45.376 ng
 RT: 18.27 min Scan# 2584
 Delta R.T. 0.00 min
 Lab File: BG046509.D
 Acq: 2 Sep 2020 18:52

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.9	8.1	12.1
104	5.6	4.0	6.0





#75

Fluoranthene

Concen: 43.462 ng

RT: 19.36 min Scan# 2769

Delta R.T. 0.00 min

Lab File: BG046509.D

Acq: 2 Sep 2020 18:52

Instrument :

BNA_G

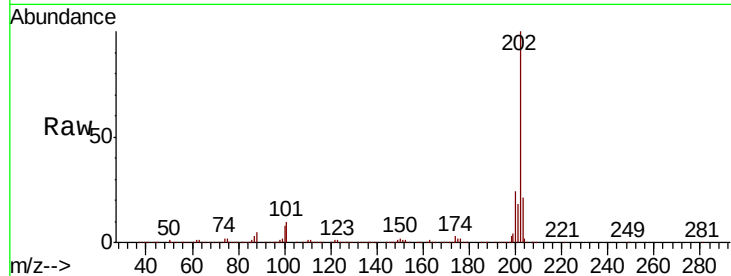
ClientSampleId :

789UMR-DSP01-01MSD

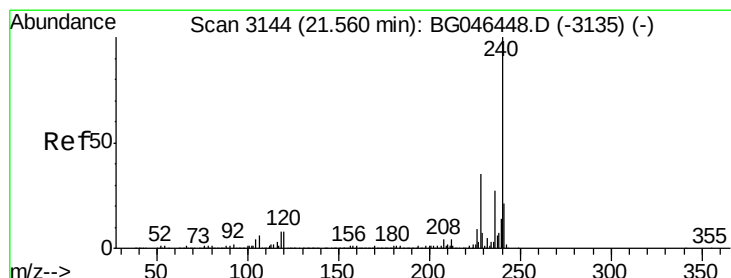
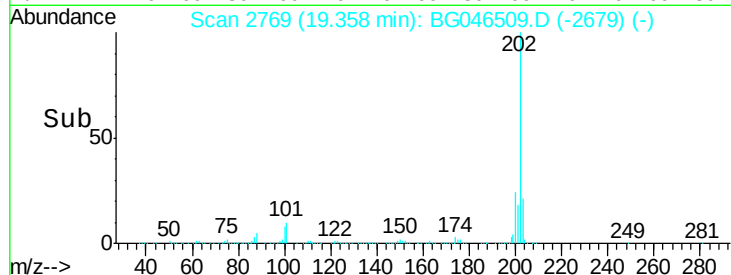
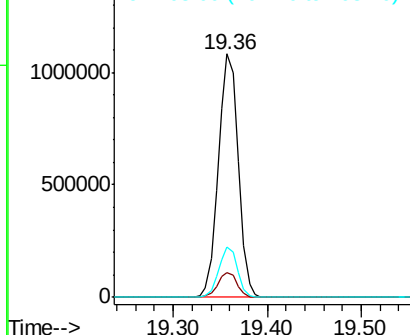
Tot Ion:	202	Resp:	1599570
Ion Ratio	Lower	Upper	
202	100		
101	10.0	0.0	29.9
203	20.9	0.0	40.0

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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.56 min Scan# 3143

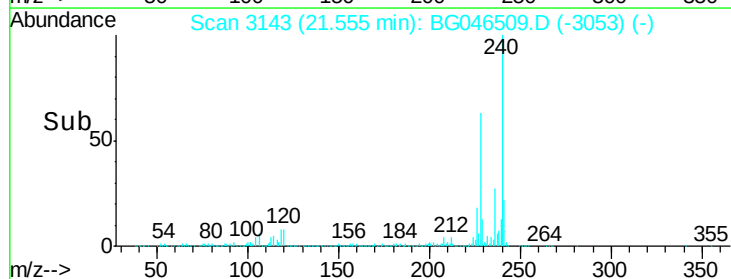
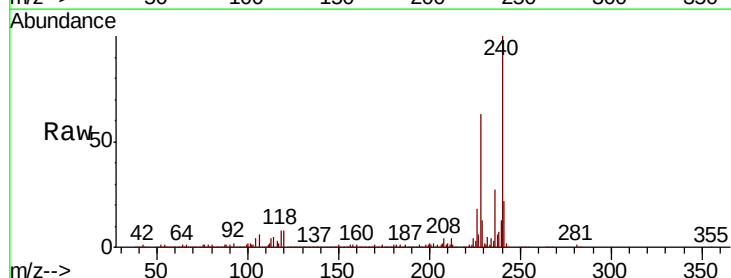
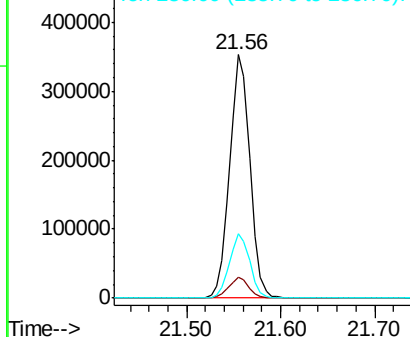
Delta R.T. 0.00 min

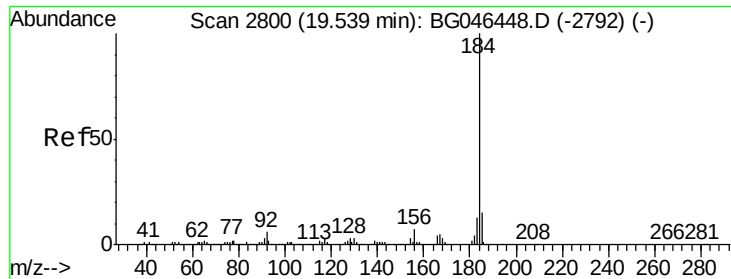
Lab File: BG046509.D

Acq: 2 Sep 2020 18:52

Tgt Ion:	240	Resp:	528068
Ion Ratio	Lower	Upper	
240	100		
120	8.3	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





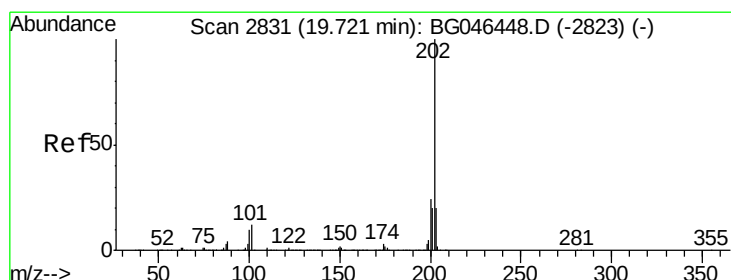
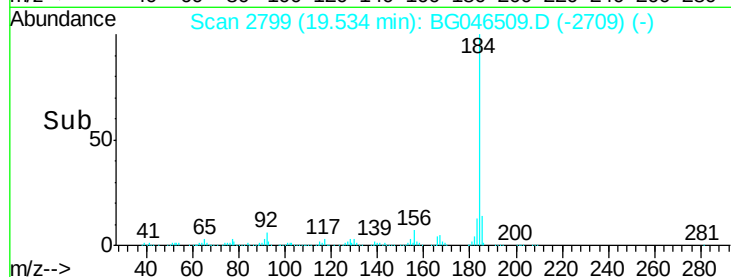
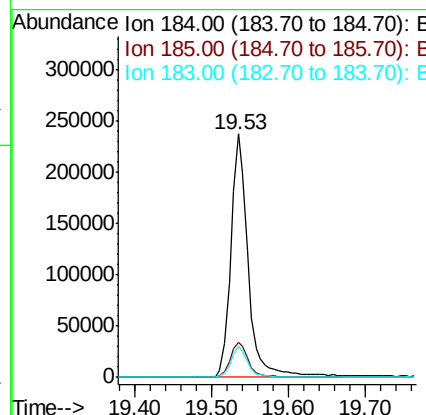
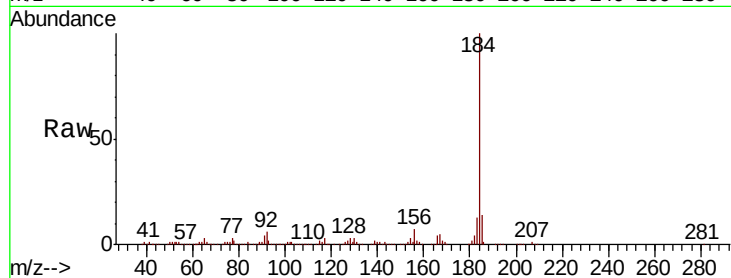
#77
Benzidine
Concen: 30.495 ng
RT: 19.53 min Scan# 2799
Delta R.T. 0.00 min
Lab File: BG046509.D
Acq: 2 Sep 2020 18:52

Instrument :
BNA_G
ClientSampleId :
789UMR-DSP01-01MSD

Tot Ion	Ratio	Lower	Upper
184	100		
185	14.2	11.8	17.8
183	12.5	10.7	16.1

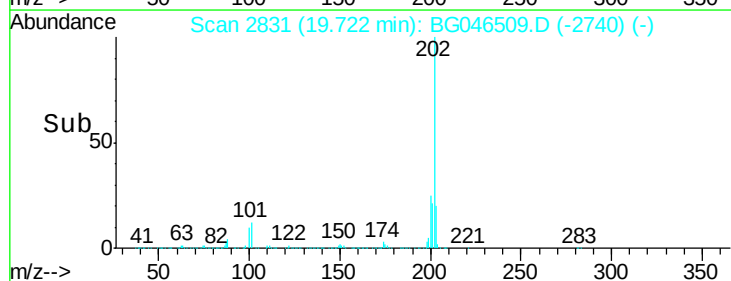
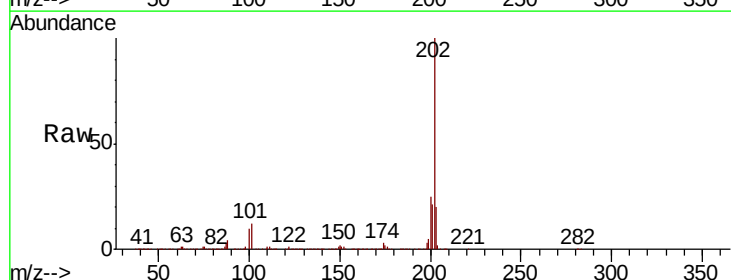
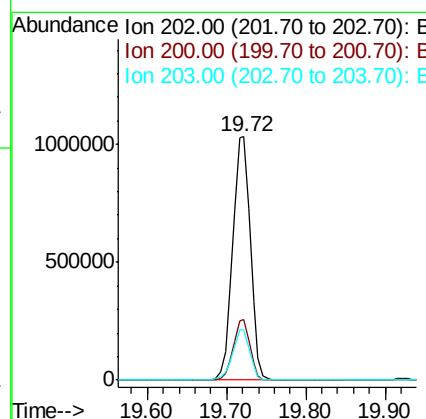
Manual Integrations
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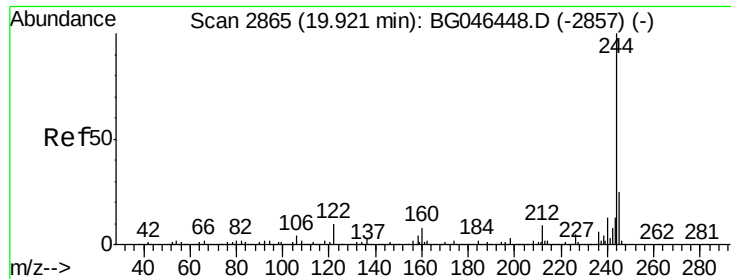
mohammad
9/3/2020 1:47:47 PM



#78
Pyrene
Concen: 47.293 ng
RT: 19.72 min Scan# 2831
Delta R.T. 0.01 min
Lab File: BG046509.D
Acq: 2 Sep 2020 18:52

Tgt Ion	Ratio	Lower	Upper
202	100		
200	24.9	18.9	28.3
203	20.4	16.1	24.1





#79

Terphenyl-d14

Concen: 77.748 ng

RT: 19.92 min Scan# 2865

Delta R.T. 0.00 min

Lab File: BG046509.D

Acq: 2 Sep 2020 18:52

Instrument :

BNA_G

ClientSampleId :

789UMR-DSP01-01MSD

Tot Ion:244 Resp: 1929162

Ion Ratio Lower Upper

244 100

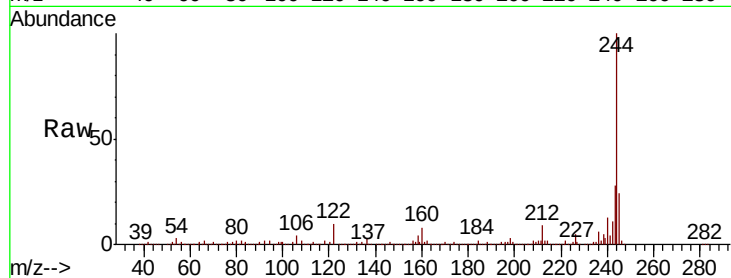
212 9.1 6.9 10.3

122 10.2 8.2 12.4

Manual Integrations
APPROVED

mohammad

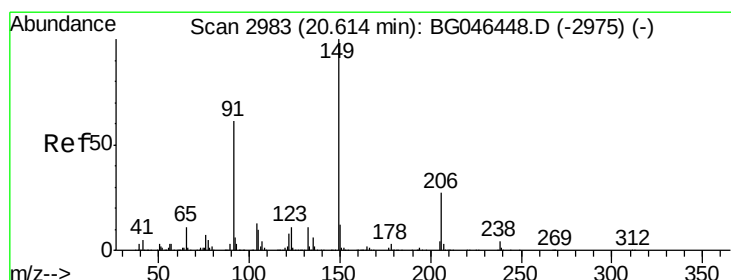
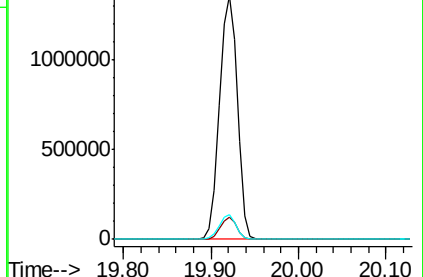
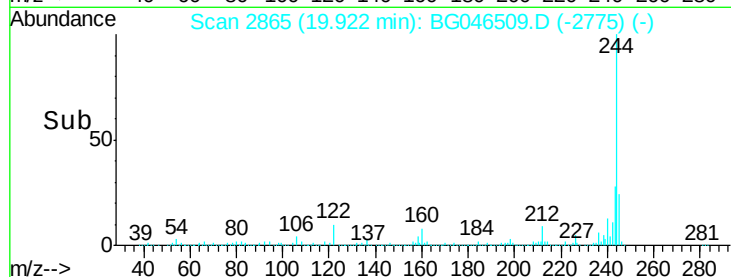
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 47.760 ng

RT: 20.61 min Scan# 2982

Delta R.T. 0.00 min

Lab File: BG046509.D

Acq: 2 Sep 2020 18:52

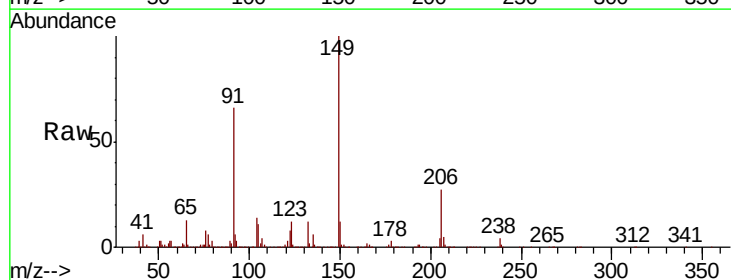
Tgt Ion:149 Resp: 626438

Ion Ratio Lower Upper

149 100

91 66.1 49.1 73.7

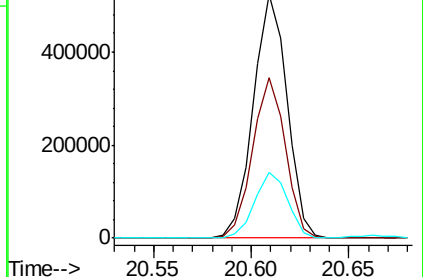
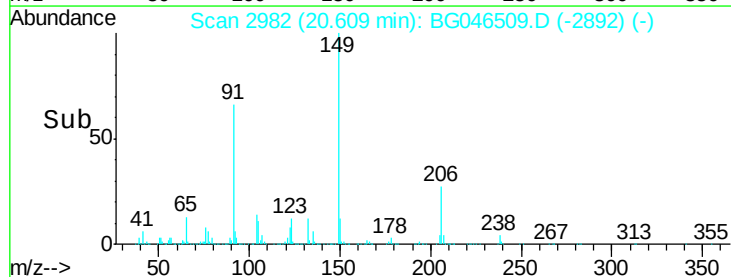
206 27.1 21.9 32.9

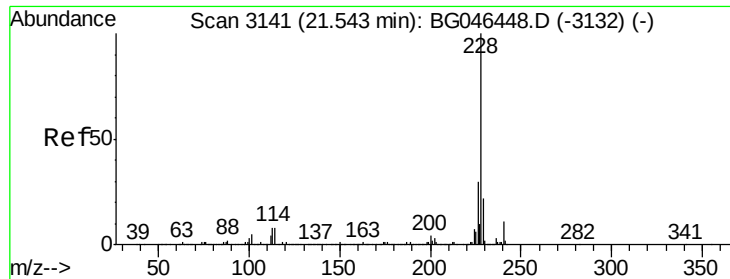


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





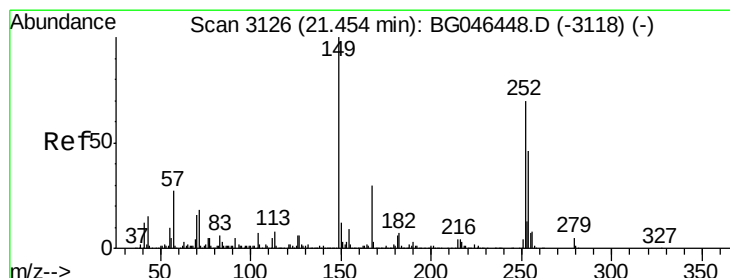
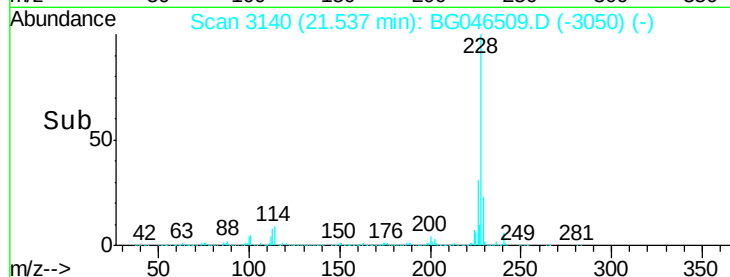
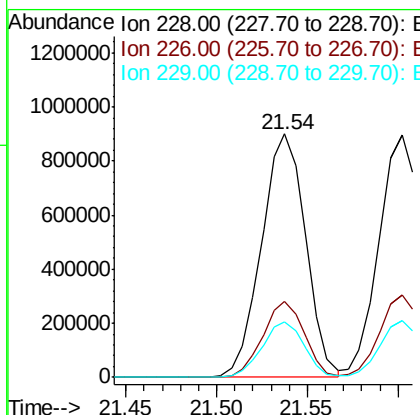
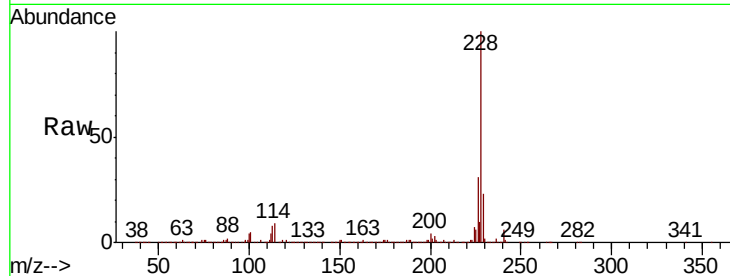
#81
Benzo(a)anthracene
Concen: 46.277 ng
RT: 21.54 min Scan# 3140
Delta R.T. 0.00 min
Lab File: BG046509.D
Acq: 2 Sep 2020 18:52

Instrument :
BNA_G
ClientSampleId :
789UMR-DSP01-01MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.0	24.2	36.4
229	22.9	17.4	26.2

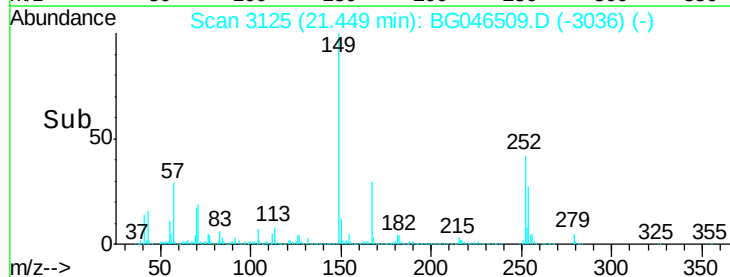
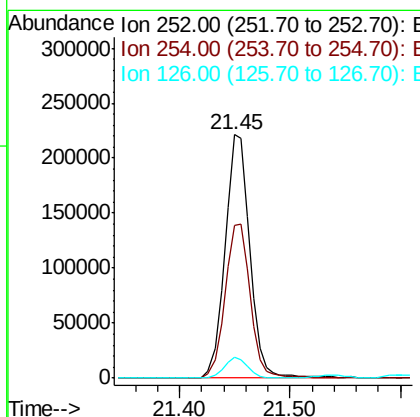
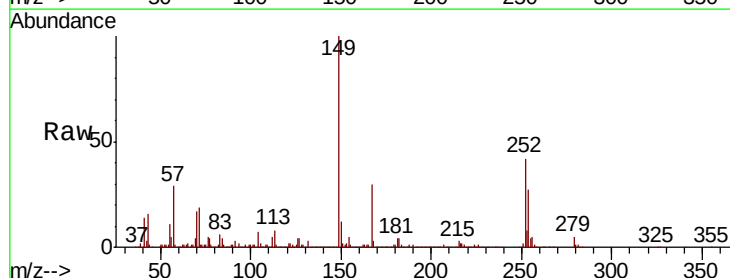
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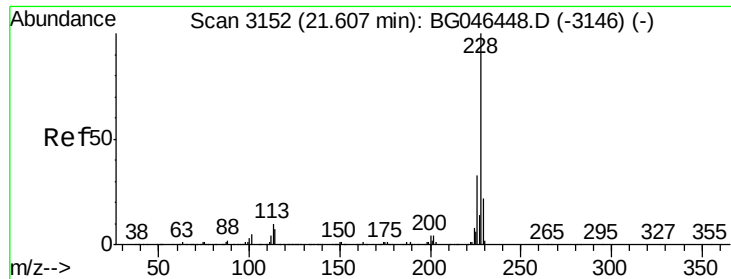
mohammad
9/3/2020 1:47:47 PM



#82
3,3'-Dichlorobenzidine
Concen: 28.459 ng
RT: 21.45 min Scan# 3125
Delta R.T. -0.00 min
Lab File: BG046509.D
Acq: 2 Sep 2020 18:52

Tgt Ion	Ratio	Lower	Upper
252	100		
254	62.9	51.9	77.9
126	8.5	7.4	11.0





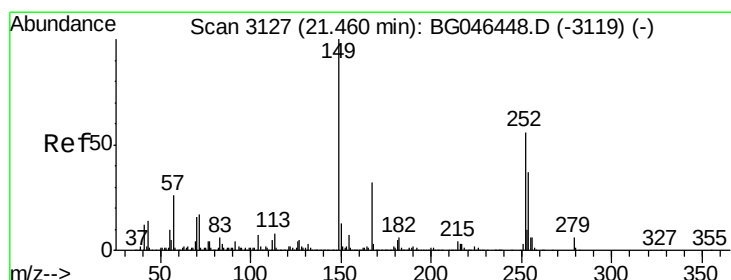
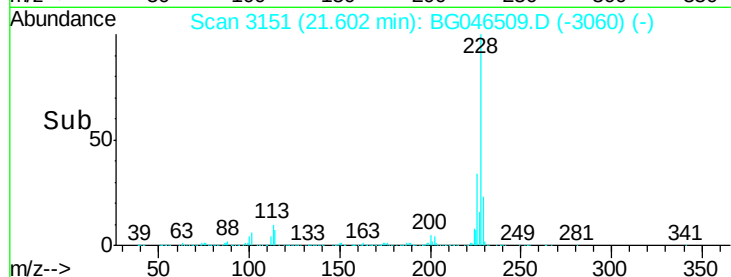
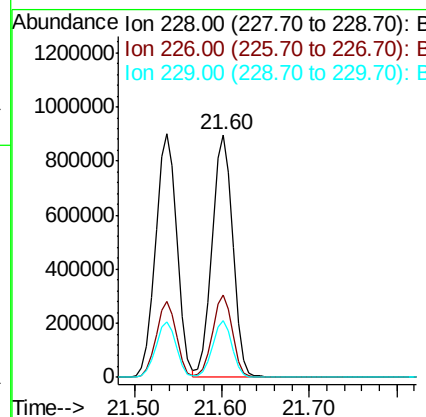
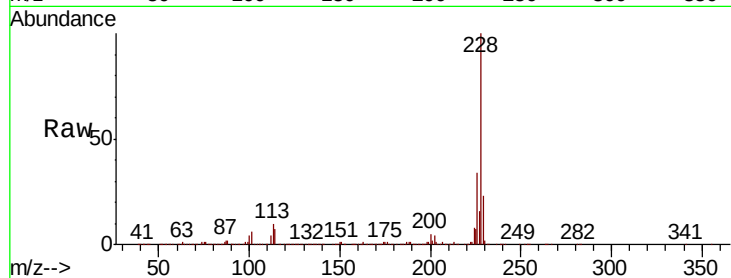
#83
Chrysene
Concen: 46.753 ng
RT: 21.60 min Scan# 3151
Delta R.T. 0.01 min
Lab File: BG046509.D
Acq: 2 Sep 2020 18:52

Instrument :
BNA_G
ClientSampleId :
789UMR-DSP01-01MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	34.0	26.2	39.4
229	23.2	17.9	26.9

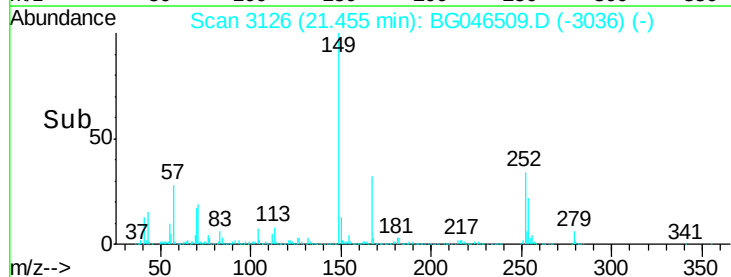
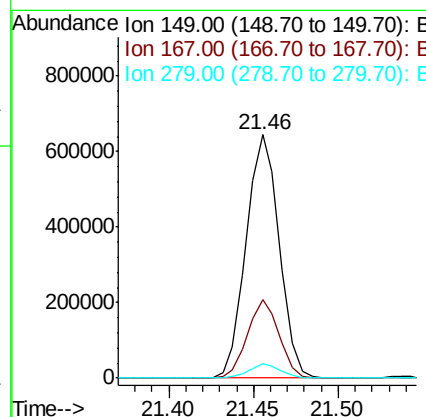
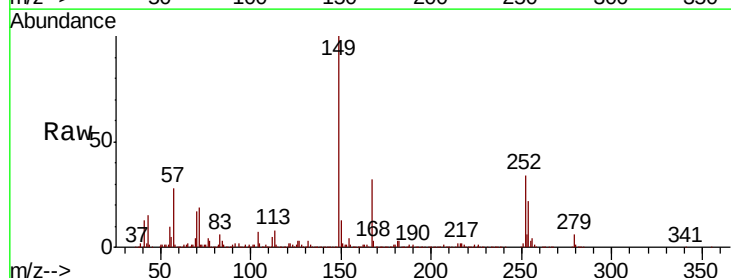
Manual Integrations
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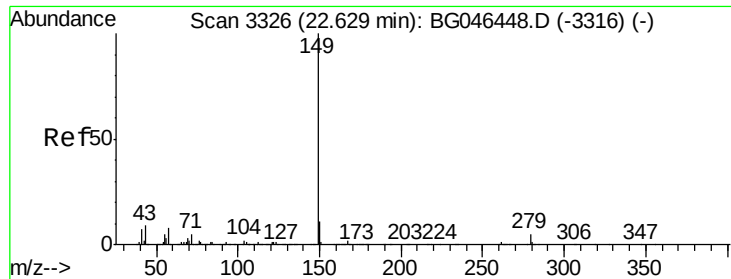
mohammad
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#84
Bis(2-ethylhexyl)phthalate
Concen: 49.044 ng
RT: 21.46 min Scan# 3126
Delta R.T. 0.00 min
Lab File: BG046509.D
Acq: 2 Sep 2020 18:52

Tgt Ion	Ratio	Lower	Upper
149	100		
167	32.0	25.4	38.2
279	5.7	4.5	6.7





#85

Di-n-octyl phthalate

Concen: 49.355 ng

RT: 22.63 min Scan# 3326

Delta R.T. 0.01 min

Lab File: BG046509.D

Acq: 2 Sep 2020 18:52

Instrument :

BNA_G

ClientSampleId :

789UMR-DSP01-01MSD

Tot Ion:149 Resp: 1512695

Ion Ratio Lower Upper

149 100

167 1.9 1.5 2.3

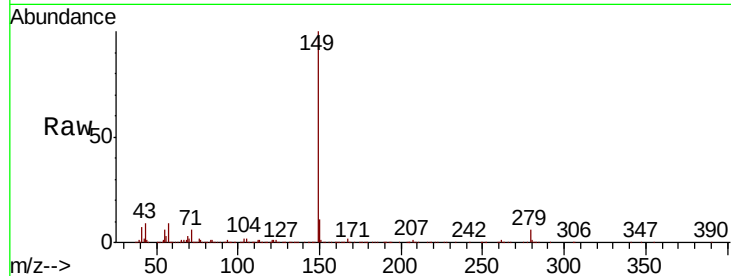
43 9.2 7.0 10.4

Manual Integrations

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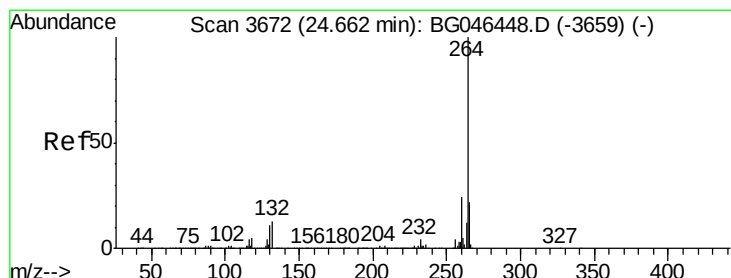
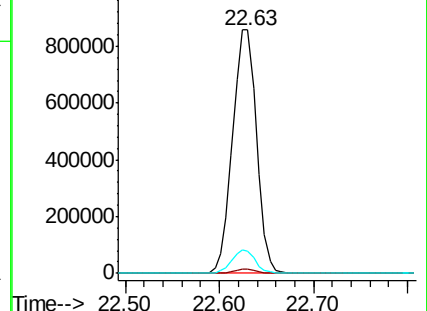
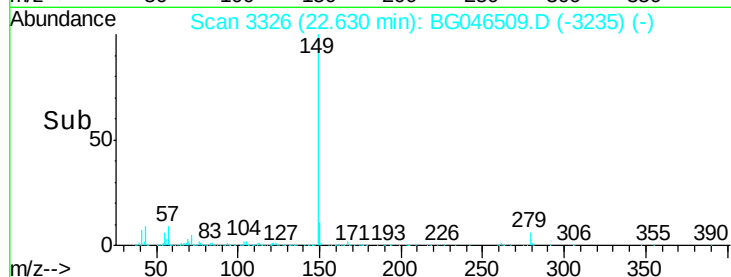
9/3/2020 1:47:47 PM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): B



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.66 min Scan# 3671

Delta R.T. 0.00 min

Lab File: BG046509.D

Acq: 2 Sep 2020 18:52

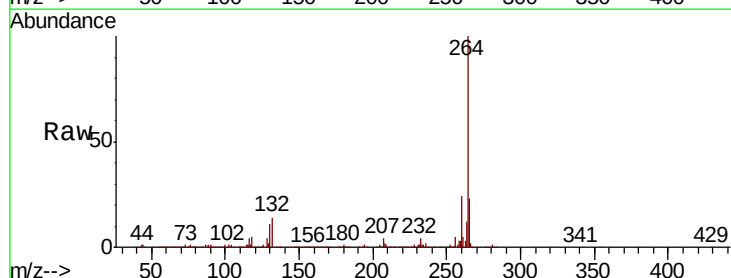
Tgt Ion:264 Resp: 562898

Ion Ratio Lower Upper

264 100

260 23.6 19.2 28.8

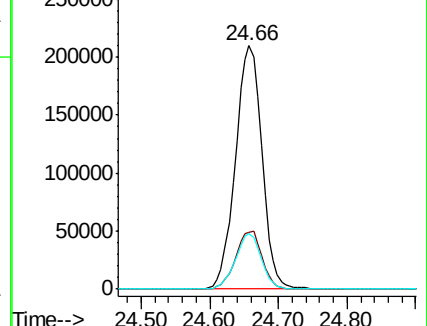
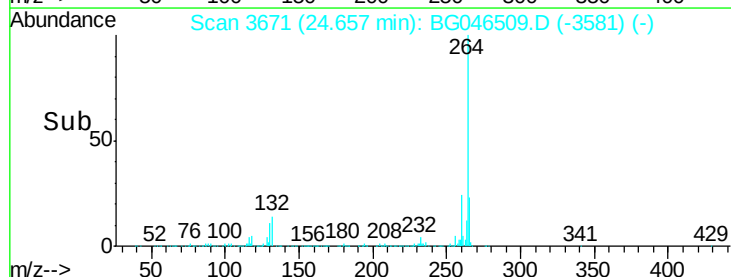
265 23.0 17.9 26.9

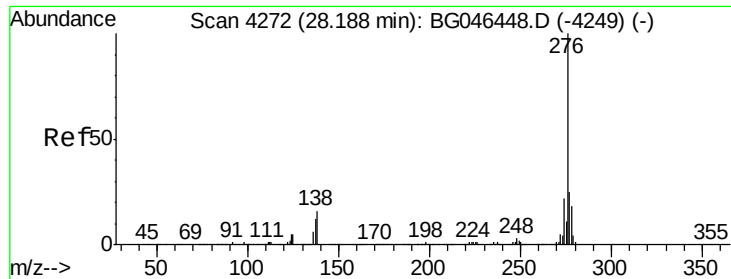


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Indeno(1,2,3-cd)pyrene

Concen: 47.316 ng

RT: 28.18 min Scan# 4270

Delta R.T. 0.01 min

Lab File: BG046509.D

Acq: 2 Sep 2020 18:52

Instrument :

BNA_G

ClientSampleId :

789UMR-DSP01-01MSD

Tot Ion:276 Resp: 1912922

Ion Ratio Lower Upper

276 100

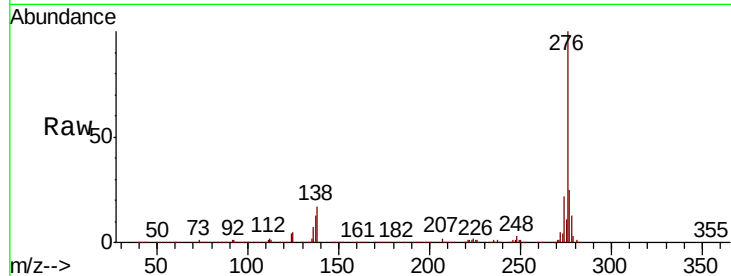
138 20.6 16.5 24.7

277 26.0 20.7 31.1

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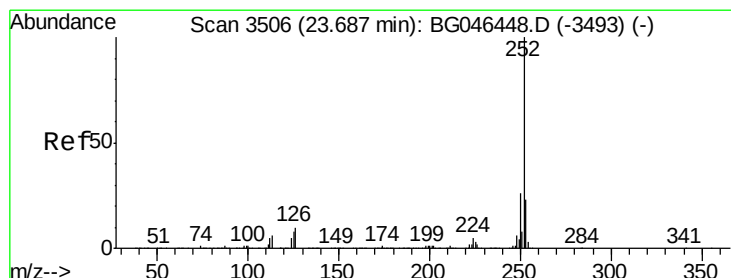
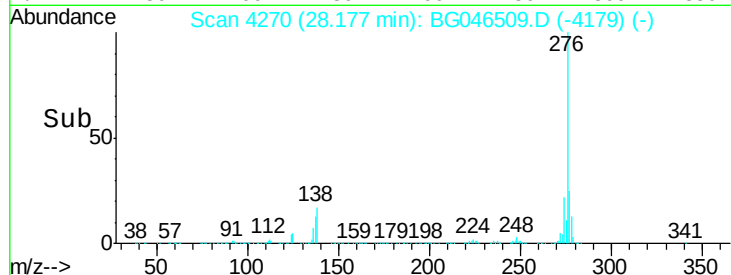
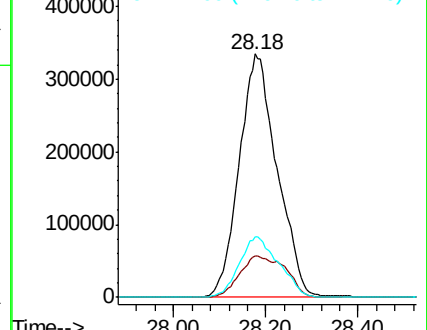
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Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#88

Benzo(b)fluoranthene

Concen: 45.790 ng

RT: 23.68 min Scan# 3505

Delta R.T. 0.01 min

Lab File: BG046509.D

Acq: 2 Sep 2020 18:52

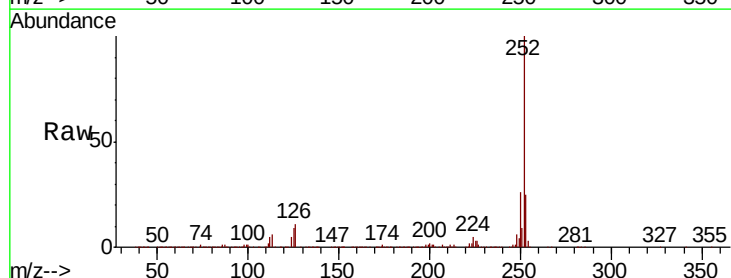
Tgt Ion:252 Resp: 1609414

Ion Ratio Lower Upper

252 100

253 24.8 18.2 27.4

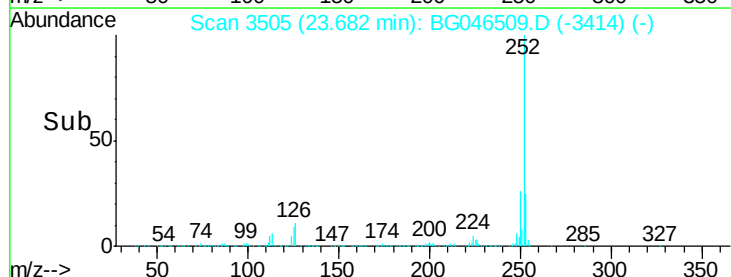
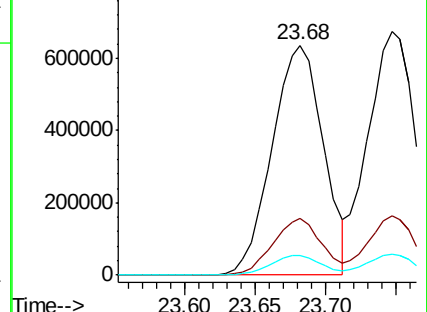
125 8.7 6.2 9.2

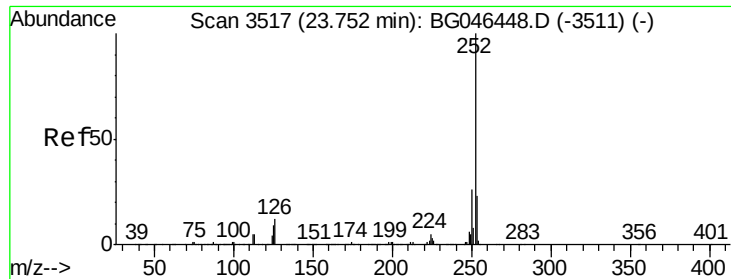


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





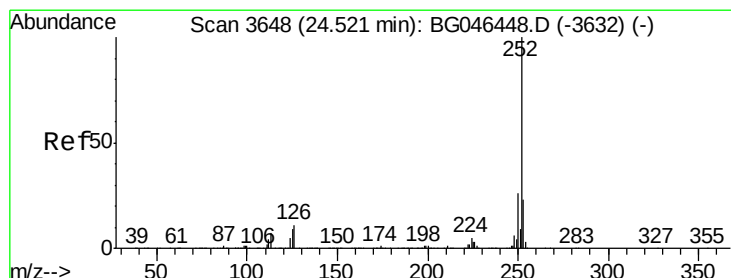
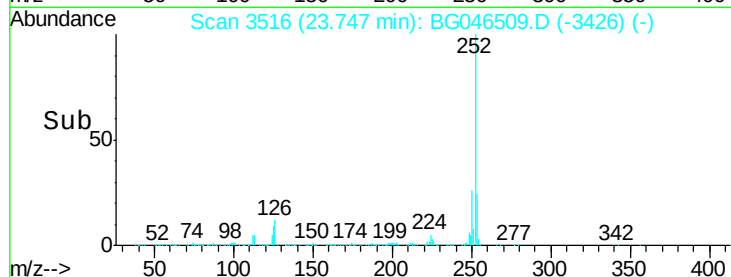
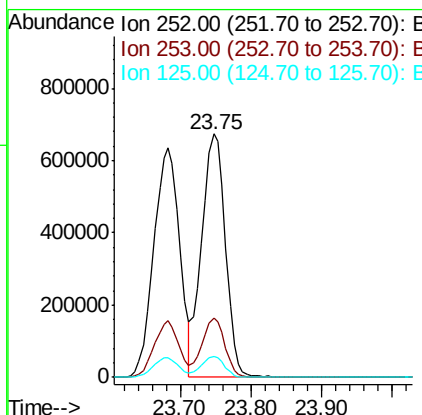
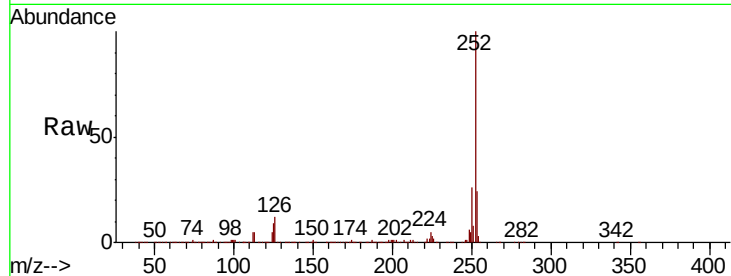
#89
Benzo(k)fluoranthene
Concen: 46.547 ng
RT: 23.75 min Scan# 3516
Delta R.T. 0.00 min
Lab File: BG046509.D
Acq: 2 Sep 2020 18:52

Instrument :
BNA_G
ClientSampleId :
789UMR-DSP01-01MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.3	18.5	27.7
125	8.6	6.8	10.2

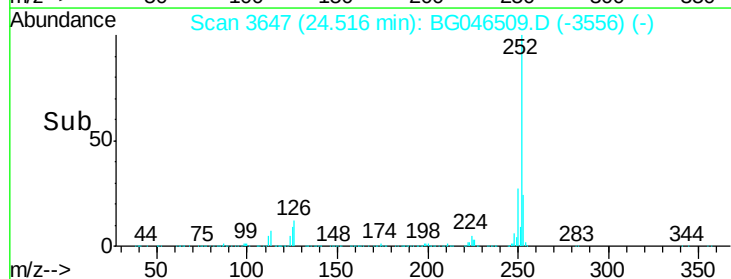
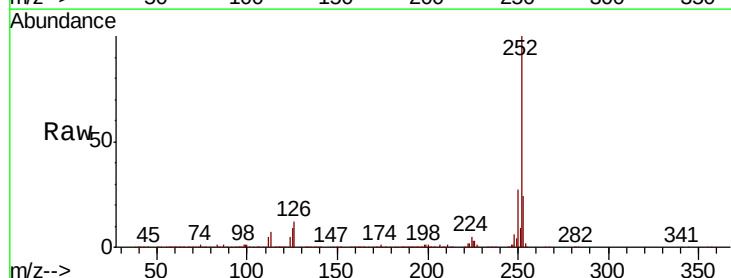
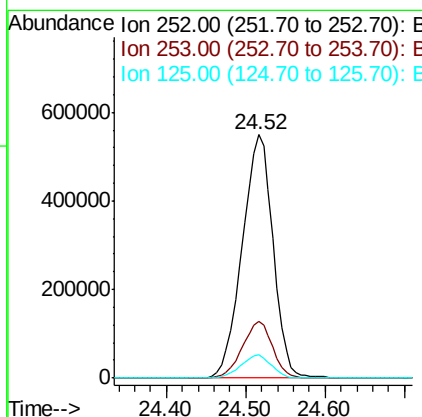
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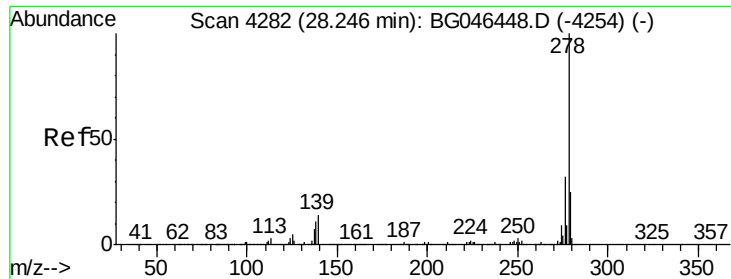
mohammad
9/3/2020 1:47:47 PM



#90
Benzo(a)pyrene
Concen: 45.182 ng
RT: 24.52 min Scan# 3647
Delta R.T. 0.01 min
Lab File: BG046509.D
Acq: 2 Sep 2020 18:52

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





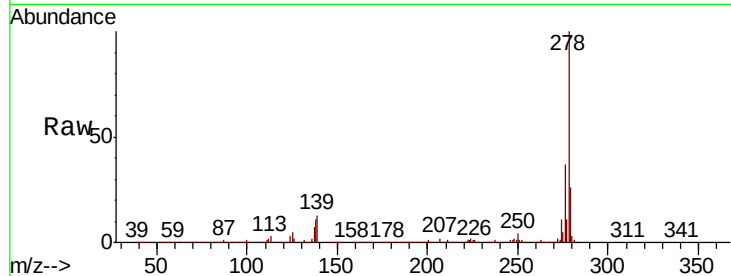
#91
Dibenzo(a,h)anthracene
Concen: 47.690 ng
RT: 28.24 min Scan# 4280
Delta R.T. 0.01 min
Lab File: BG046509.D
Acq: 2 Sep 2020 18:52

Instrument :
BNA_G
ClientSampleId :
789UMR-DSP01-01MSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	13.3	11.2	16.8
279	25.7	19.8	29.8

Manual Integrations
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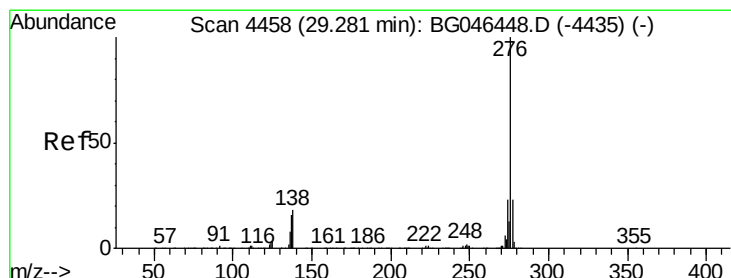
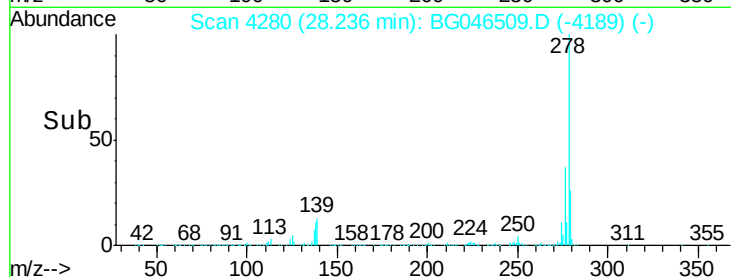
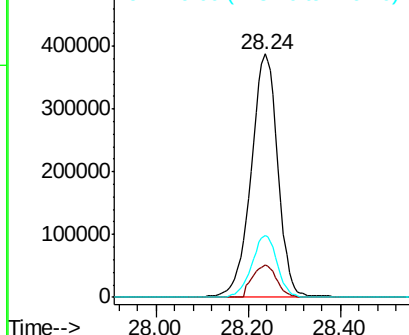


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 48.903 ng
RT: 29.28 min Scan# 4458
Delta R.T. 0.01 min
Lab File: BG046509.D
Acq: 2 Sep 2020 18:52

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.1	18.7	28.1
138	18.0	14.7	22.1

Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

