

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090320\
 Data File : BG046530.D
 Acq On : 4 Sep 2020 00:14
 Operator : CG/JU
 Sample : L3888-02MS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 9-2-TP-1MS

Manual Integrations
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mohammad
 9/4/2020 1:55:06 PM

Quant Time: Sep 04 03:03:18 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	77865	20.00	ng	0.00
21) Naphthalene-d8	10.73	136	334764	20.00	ng	0.00
39) Acenaphthene-d10	14.56	164	227730	20.00	ng	0.00
64) Phenanthrene-d10	17.31	188	528593	20.00	ng	0.00
76) Chrysene-d12	21.55	240	505219	20.00	ng	0.00
86) Perylene-d12	24.66	264	553568	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	490396	111.55	ng	0.00
7) Phenol-d6	7.11	99	634372	101.79	ng	0.00
23) Nitrobenzene-d5	9.09	82	410102	70.02	ng	0.00
42) 2,4,6-Tribromophenol	16.05	330	282302	91.49	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	958326	64.24	ng	0.00
79) Terphenyl-d14	19.92	244	1335977	56.28	ng	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	3.42	88	67126	36.701 ng	97
3) Pyridine	3.81	79	195588	36.550 ng	97
4) n-Nitrosodimethylamine	3.72	42	92826	47.032 ng	97
6) Aniline	7.25	93	143358	20.442 ng	98
8) 2-Chlorophenol	7.50	128	234802	50.534 ng	99
9) Benzaldehyde	7.06	77	150956	43.234 ng	96
10) Phenol	7.13	94	285467	49.732 ng	98
11) bis(2-Chloroethyl)ether	7.35	93	210641	45.654 ng	98
12) 1,3-Dichlorobenzene	7.82	146	258753	43.863 ng	98
13) 1,4-Dichlorobenzene	7.96	146	259644	43.964 ng	99
14) 1,2-Dichlorobenzene	8.28	146	252532	44.595 ng	99
15) Benzyl Alcohol	8.17	79	197757	49.425 ng	98
16) 2,2'-oxybis(1-Chloropropan	8.46	45	320266	44.750 ng	99
17) 2-Methylphenol	8.38	107	199561	49.022 ng	98
18) Hexachloroethane	9.01	117	88494	44.193 ng	92
19) n-Nitroso-di-n-propylamine	8.73	70	167189	44.849 ng	99
20) 3+4-Methylphenols	8.70	107	275146	48.969 ng	99
22) Acetophenone	8.75	105	324105	39.773 ng	# 98
24) Nitrobenzene	9.13	77	245285	42.389 ng	96
25) Isophorone	9.65	82	464883	43.292 ng	97
26) 2-Nitrophenol	9.84	139	135899	44.513 ng	98
27) 2,4-Dimethylphenol	9.90	122	218434	52.020 ng	98
28) bis(2-Chloroethoxy)methane	10.13	93	285196	41.263 ng	97
29) 2,4-Dichlorophenol	10.38	162	251618	44.950 ng	98
30) 1,2,4-Trichlorobenzene	10.59	180	266874	40.182 ng	100
31) Naphthalene	10.78	128	691661	42.316 ng	99
32) Benzoic acid	10.01	122	13977	9.647 ng	99
33) 4-Chloroaniline	10.88	127	70932	9.841 ng	98
34) Hexachlorobutadiene	11.07	225	172317	39.967 ng	99
35) Caprolactam	11.65	113	82910m	39.624 ng	
36) 4-Chloro-3-methylphenol	12.02	107	243567	44.488 ng	96
37) 2-Methylnaphthalene	12.38	142	541290	41.989 ng	99
38) 1-Methylnaphthalene	12.61	142	503460	41.230 ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.76	216	321734	42.842 ng	100

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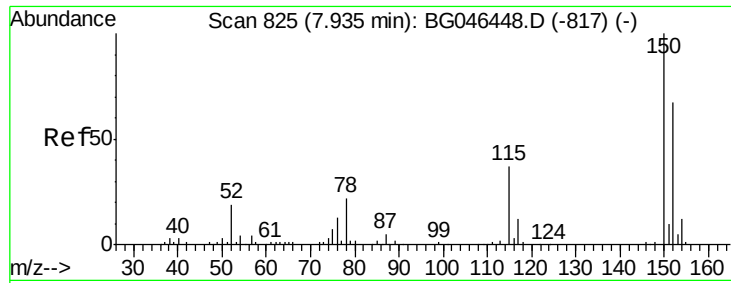
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Quant Time: Sep 04 03:03:18 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 02 15:06:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.74	237	311310	95.336	ng	99
43) 2,4,6-Trichlorophenol	12.99	196	221762	43.759	ng	98
44) 2,4,5-Trichlorophenol	13.07	196	235399	44.210	ng	98
46) 1,1'-Biphenyl	13.39	154	693564	43.774	ng	98
47) 2-Chloronaphthalene	13.43	162	555192	41.328	ng	99
48) 2-Nitroaniline	13.63	65	151185	40.530	ng	100
49) Acenaphthylene	14.29	152	860610	42.233	ng	100
50) Dimethylphthalate	14.02	163	780575	44.305	ng	99
51) 2,6-Dinitrotoluene	14.13	165	162489	41.839	ng	99
52) Acenaphthene	14.63	154	526632	41.704	ng	99
53) 3-Nitroaniline	14.46	138	78249	18.600	ng	98
54) 2,4-Dinitrophenol	14.67	184	33150	14.623	ng	97
55) Dibenzofuran	14.96	168	839839	41.442	ng	100
56) 4-Nitrophenol	14.79	139	259802	83.914	ng	97
57) 2,4-Dinitrotoluene	14.93	165	230202	41.570	ng	99
58) Fluorene	15.61	166	708783	41.671	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.19	232	219867	42.523	ng	98
60) Diethylphthalate	15.38	149	694933	40.456	ng	99
61) 4-Chlorophenyl-phenylether	15.60	204	379332	40.495	ng	98
62) 4-Nitroaniline	15.63	138	154458	34.797	ng	97
63) Azobenzene	15.90	77	588527	42.119	ng	97
65) 4,6-Dinitro-2-methylphenol	15.69	198	49836	16.657	ng	97
66) n-Nitrosodiphenylamine	15.82	169	634227	44.475	ng	100
67) 4-Bromophenyl-phenylether	16.50	248	261800	42.452	ng	97
68) Hexachlorobenzene	16.62	284	282703	41.392	ng	99
69) Atrazine	16.77	200	201016	34.553	ng	97
70) Pentachlorophenol	16.97	266	196093	54.952	ng	99
71) Phenanthrene	17.35	178	1139251	42.521	ng	100
72) Anthracene	17.44	178	1162499	43.976	ng	99
73) Carbazole	17.71	167	1052447	42.168	ng	99
74) Di-n-butylphthalate	18.27	149	1191282	41.508	ng	100
75) Fluoranthene	19.36	202	1409538	40.880	ng	99
77) Benzidine	19.53	184	391547	33.352	ng	99
78) Pyrene	19.71	202	1405665	43.692	ng	99
80) Butylbenzylphthalate	20.61	149	543196	43.287	ng	96
81) Benzo(a)anthracene	21.54	228	1343801	42.674	ng	99
82) 3,3'-Dichlorobenzidine	21.45	252	234848	20.096	ng	99
83) Chrysene	21.60	228	1300781	42.943	ng	100
84) Bis(2-ethylhexyl)phthalate	21.45	149	769715	44.947	ng	99
85) Di-n-octyl phthalate	22.62	149	1328126	45.293	ng	99
87) Indeno(1,2,3-cd)pyrene	28.16	276	1667941	41.952	ng	# 80
88) Benzo(b)fluoranthene	23.68	252	1458853	42.205	ng	98
89) Benzo(k)fluoranthene	23.75	252	1365407	40.873	ng	99
90) Benzo(a)pyrene	24.51	252	1308572	40.567	ng	99
91) Dibenzo(a,h)anthracene	28.23	278	1355450	42.247	ng	99
92) Benzo(g,h,i)perylene	29.27	276	1404353	43.833	ng	98

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



#1

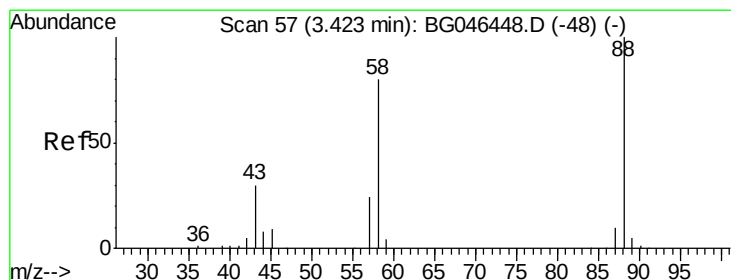
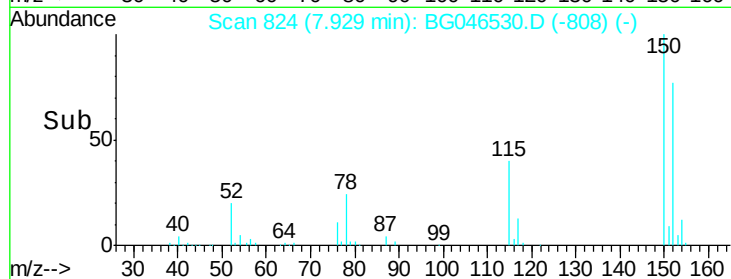
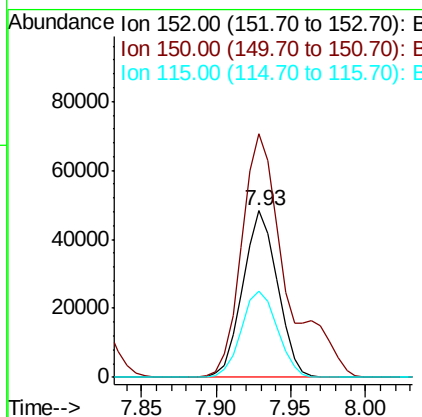
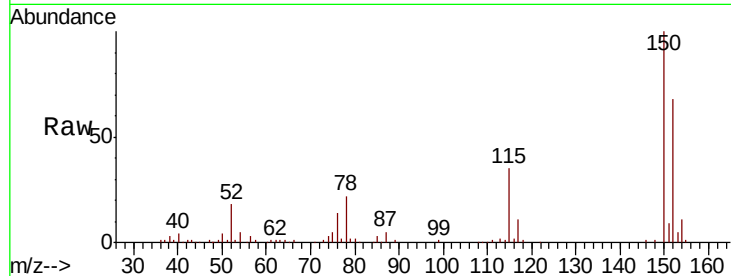
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.93 min Scan# 824
Delta R.T. -0.01 min
Lab File: BG046530.D
Acq: 4 Sep 2020 00:14

Instrument :
BNA_G
ClientSampleId :
9-2-TP-1MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	146.0	119.5	179.3
115	51.7	44.3	66.5

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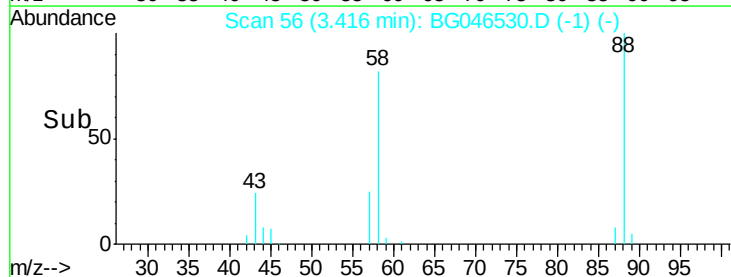
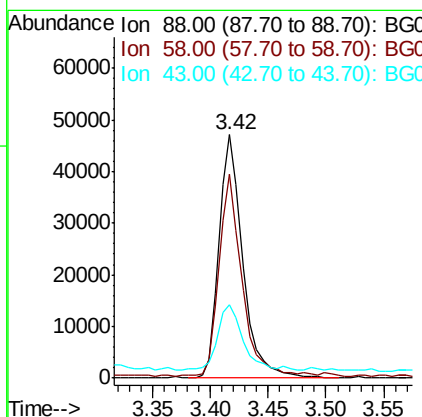
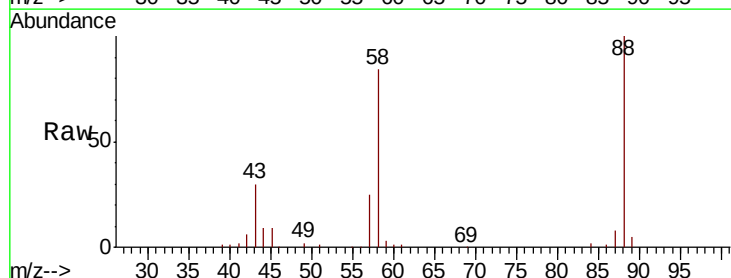
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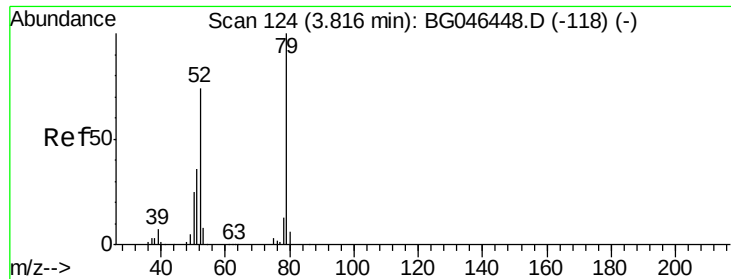


#2

1,4-Dioxane
Concen: 36.701 ng
RT: 3.42 min Scan# 56
Delta R.T. -0.01 min
Lab File: BG046530.D
Acq: 4 Sep 2020 00:14

Tgt Ion	Ratio	Lower	Upper
88	100		
58	79.2	61.4	92.2
43	28.3	21.6	32.4





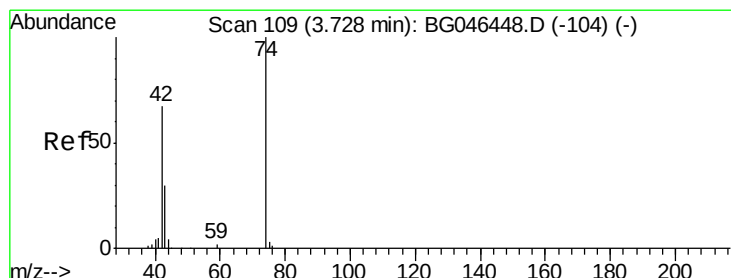
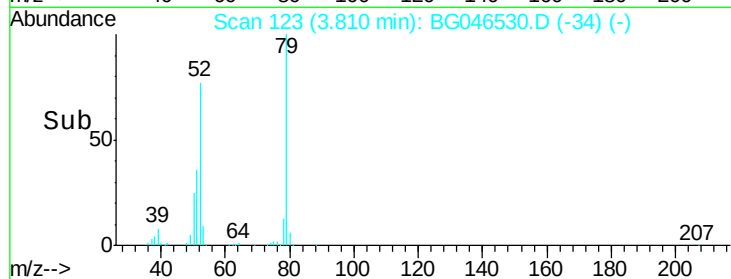
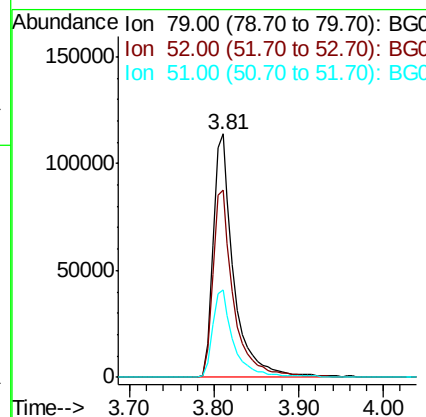
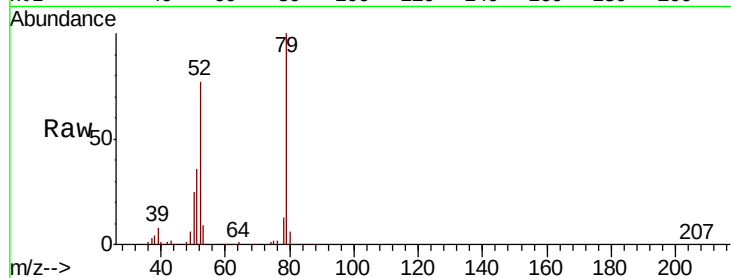
#3
 Pvridine
 Concen: 36.550 ng
 RT: 3.81 min Scan# 123
 Delta R.T. -0.01 min
 Lab File: BG046530.D
 Acq: 4 Sep 2020 00:14

Instrument :
 BNA_G
 ClientSampleId :
 9-2-TP-1MS

Tot Ion	Ratio	Lower	Upper
79	100		
52	77.1	59.1	88.7
51	36.0	29.0	43.6

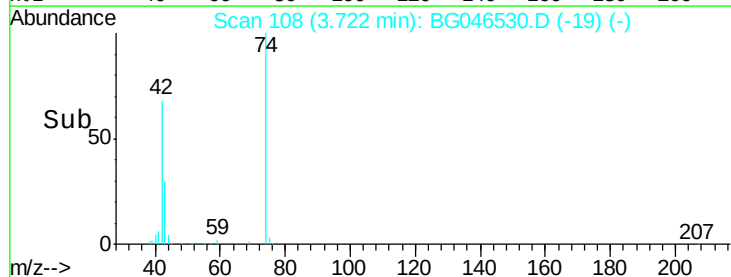
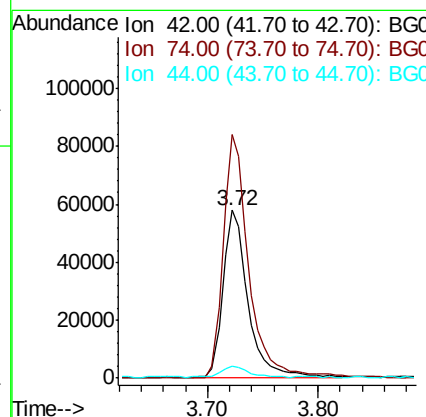
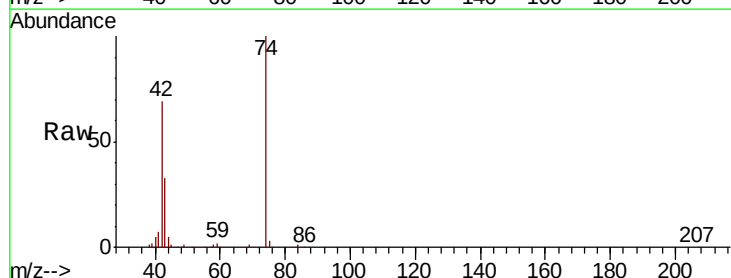
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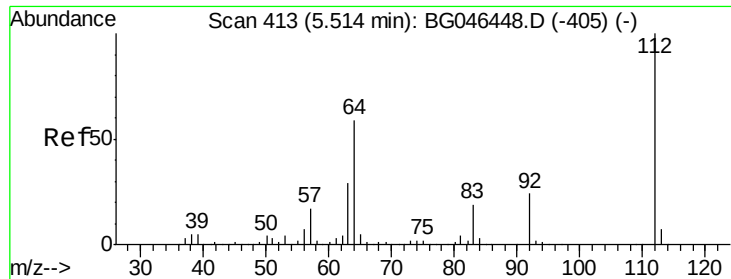
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#4
 n-Nitrosodimethylamine
 Concen: 47.032 ng
 RT: 3.72 min Scan# 108
 Delta R.T. -0.01 min
 Lab File: BG046530.D
 Acq: 4 Sep 2020 00:14

Tgt Ion	Ratio	Lower	Upper
42	100		
74	145.3	119.5	179.3
44	7.3	5.7	8.5





#5

2-Fluorophenol

Concen: 111.550 ng

RT: 5.52 min Scan# 414

Delta R.T. 0.01 min

Lab File: BG046530.D

Acq: 4 Sep 2020 00:14

Instrument :

BNA_G

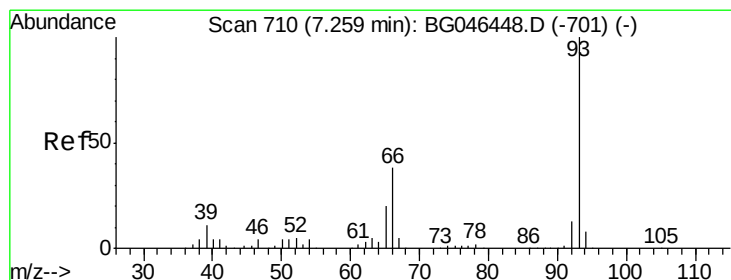
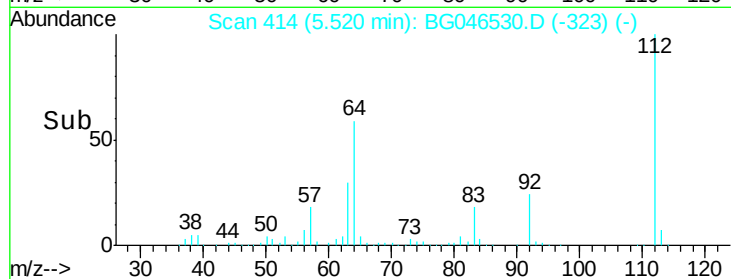
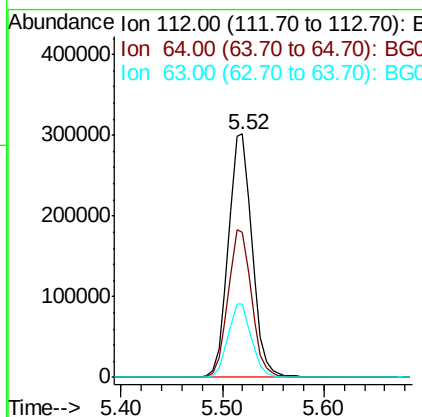
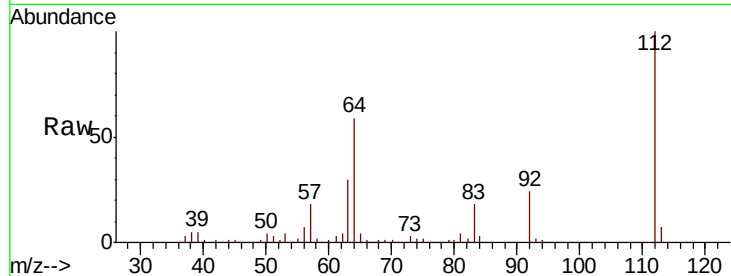
ClientSampleId :

9-2-TP-1MS

Tot Ion:	112	Resp:	490396
Ion Ratio	Lower	Upper	
112	100		
64	59.5	47.0	70.6
63	30.0	23.5	35.3

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#6

Aniline

Concen: 20.442 ng

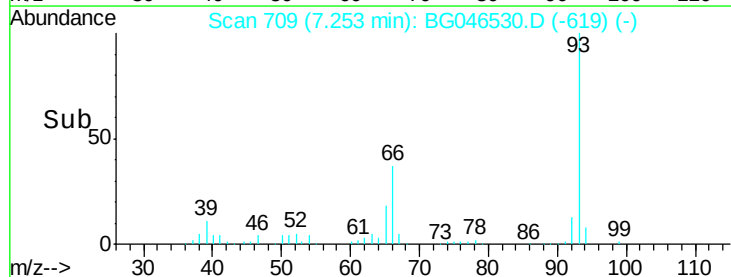
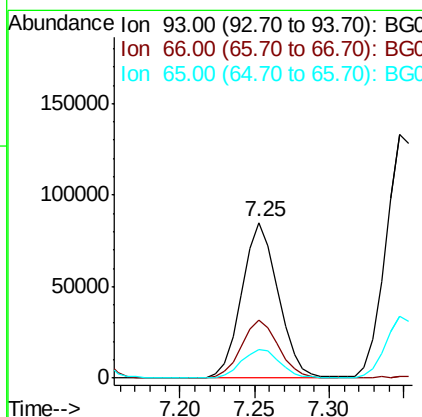
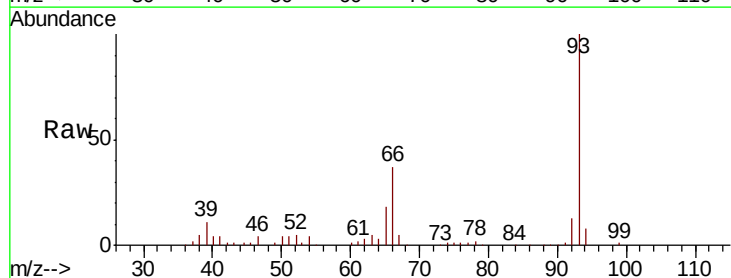
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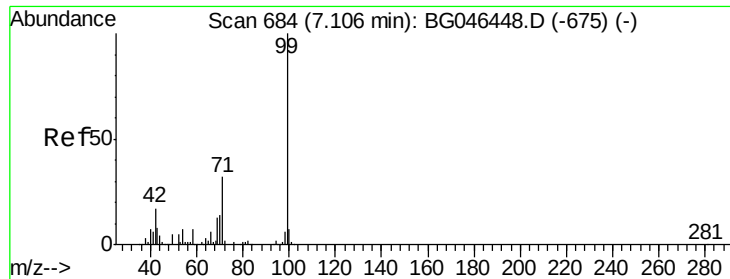
Delta R.T. -0.00 min

Lab File: BG046530.D

Acq: 4 Sep 2020 00:14

Tgt Ion:	93	Resp:	143358
Ion Ratio	Lower	Upper	
93	100		
66	37.3	30.4	45.6
65	18.5	15.8	23.6





#7

Phenol-d6

Concen: 101.791 ng

RT: 7.11 min Scan# 684

Delta R.T. -0.00 min

Lab File: BG046530.D

Acq: 4 Sep 2020 00:14

Instrument :

BNA_G

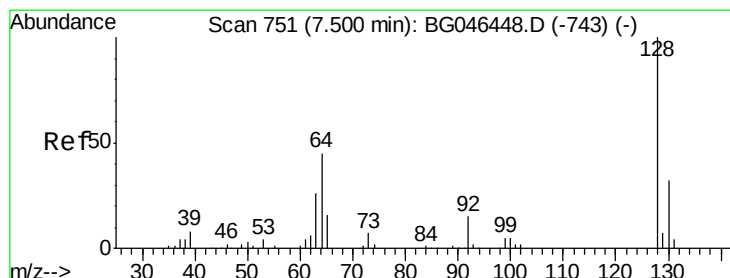
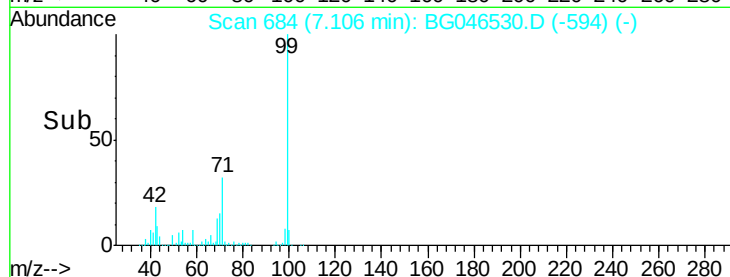
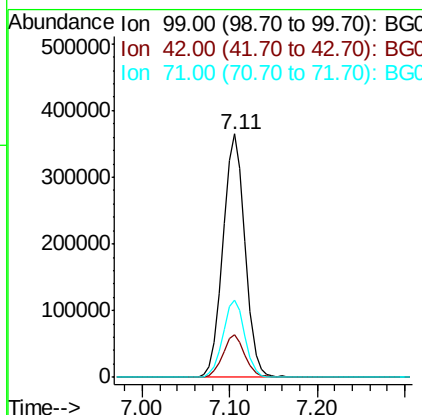
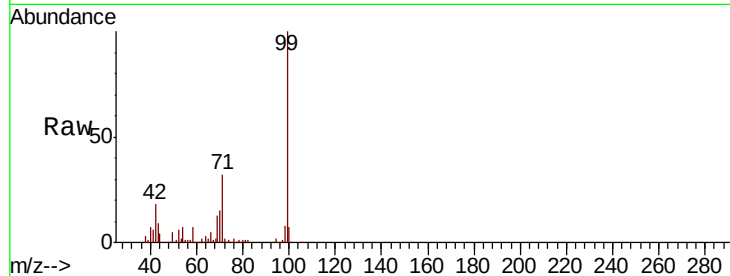
ClientSampled :

9-2-TP-1MS

Tot Ion:	99	Resp:	634372
Ion	Ratio	Lower	Upper
99	100		
42	17.6	13.3	19.9
71	31.9	25.3	37.9

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#8

2-Chlorophenol

Concen: 50.534 ng

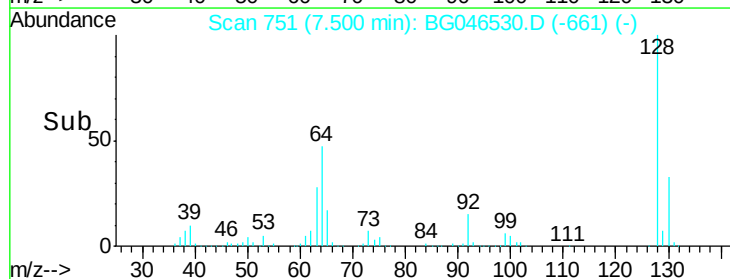
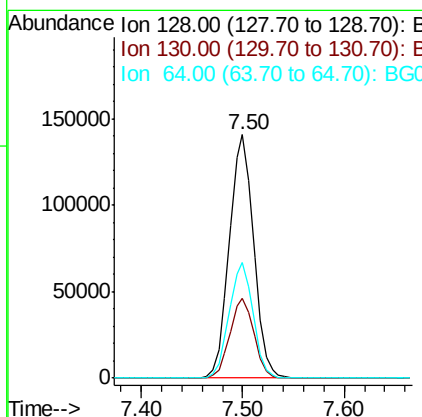
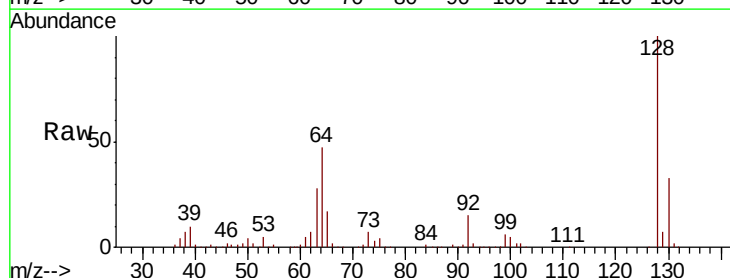
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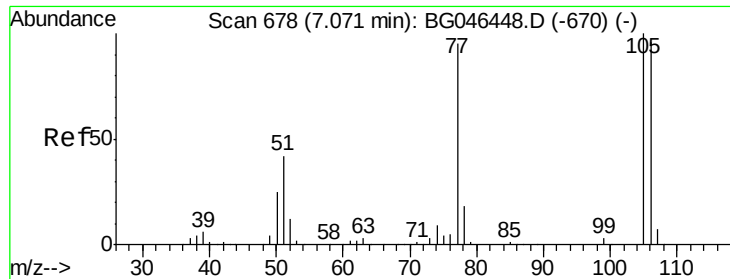
Delta R.T. -0.00 min

Lab File: BG046530.D

Acq: 4 Sep 2020 00:14

Tgt Ion:	128	Resp:	234802
Ion	Ratio	Lower	Upper
128	100		
130	32.9	12.4	52.4
64	47.3	28.1	68.1





#9

Benzaldehyde

Concen: 43.234 ng

RT: 7.06 min Scan# 677

Delta R.T. -0.00 min

Lab File: BG046530.D

Acq: 4 Sep 2020 00:14

Instrument :

BNA_G

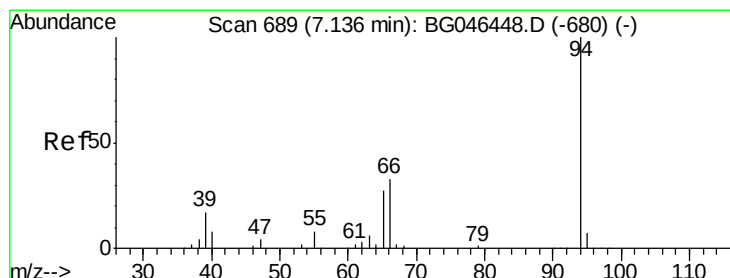
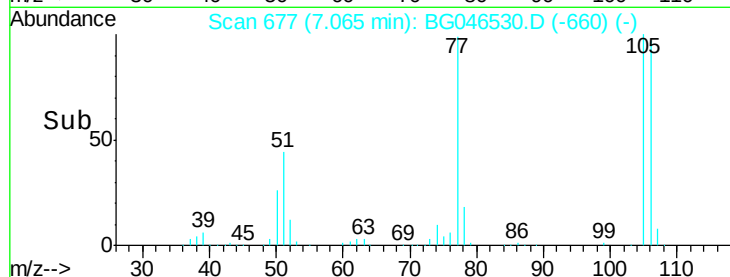
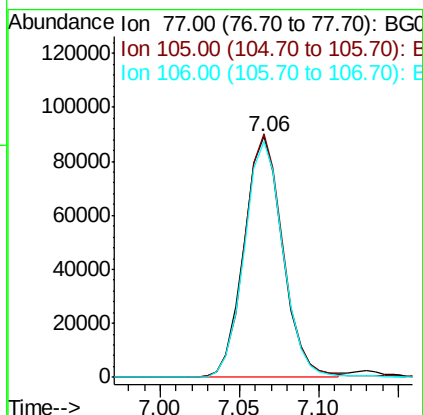
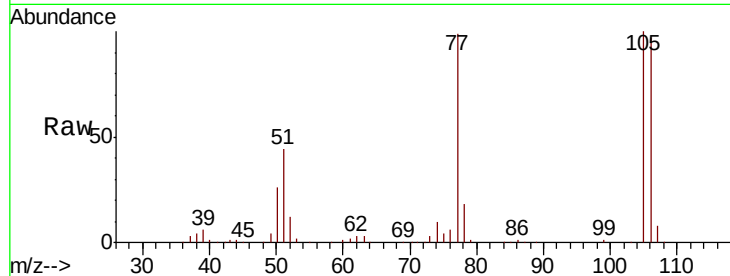
ClientSampleId :

9-2-TP-1MS

Tot Ion:	77	Resp:	150956
Ion	Ratio	Lower	Upper
77	100		
105	101.0	85.6	125.6
106	98.0	80.8	120.8

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#10

Phenol

Concen: 49.732 ng

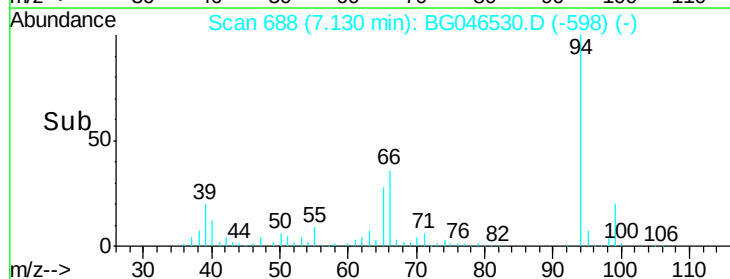
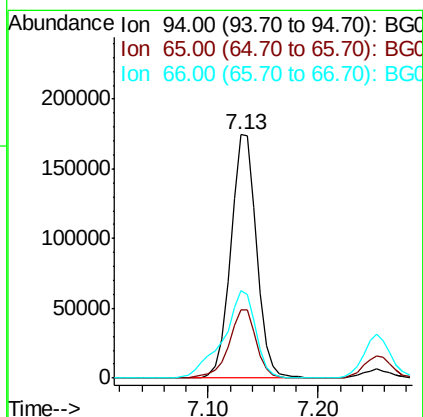
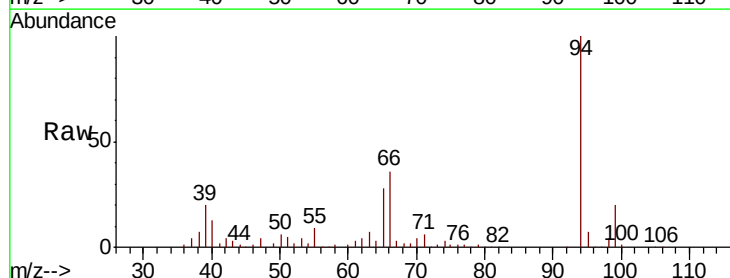
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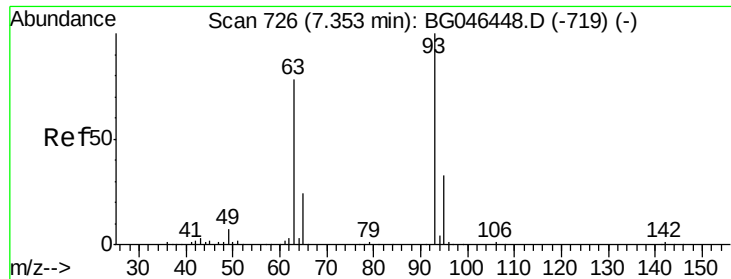
Delta R.T. -0.00 min

Lab File: BG046530.D

Acq: 4 Sep 2020 00:14

Tgt Ion:	94	Resp:	285467
Ion	Ratio	Lower	Upper
94	100		
65	28.2	7.5	47.5
66	35.7	14.1	54.1





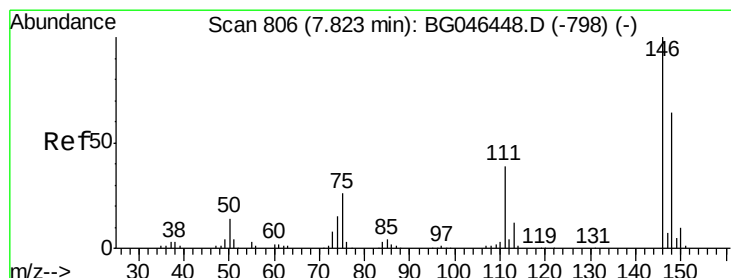
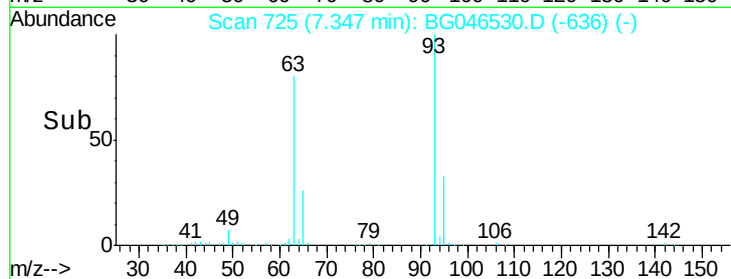
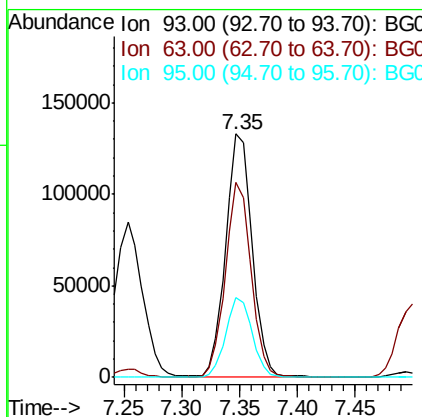
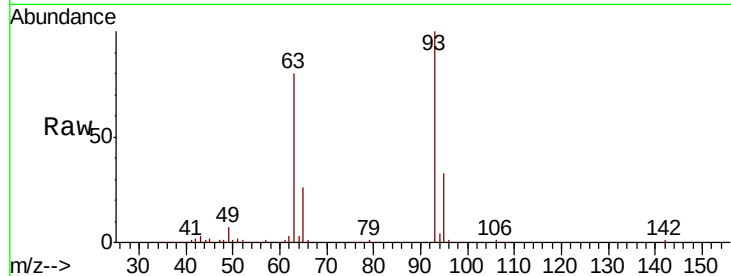
#11
bis(2-Chloroethyl)ether
Concen: 45.654 ng
RT: 7.35 min Scan# 725
Delta R.T. -0.01 min
Lab File: BG046530.D
Acq: 4 Sep 2020 00:14

Instrument :
BNA_G
ClientSampleId :
9-2-TP-1MS

Tot Ion:	93	Resp:	210641
Ion	Ratio	Lower	Upper
93	100		
63	80.2	57.7	97.7
95	32.5	12.3	52.3

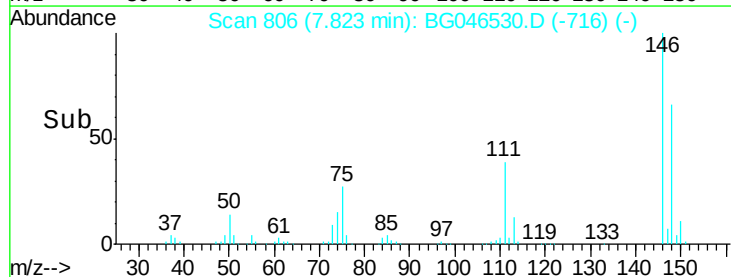
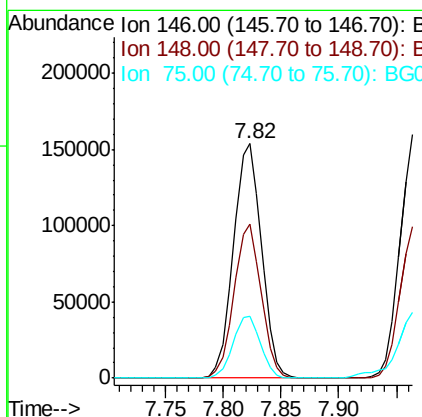
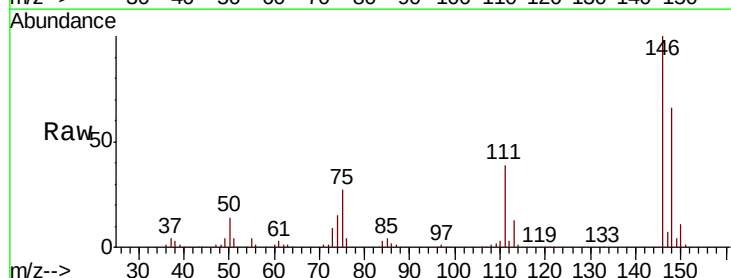
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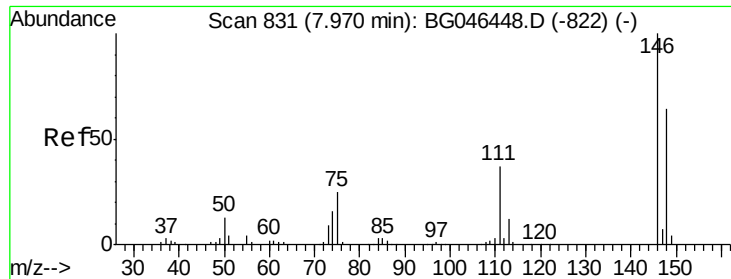
mohammad
9/4/2020 1:55:06 PM



#12
1,3-Dichlorobenzene
Concen: 43.863 ng
RT: 7.82 min Scan# 806
Delta R.T. -0.00 min
Lab File: BG046530.D
Acq: 4 Sep 2020 00:14

Tgt Ion:	146	Resp:	258753
Ion	Ratio	Lower	Upper
146	100		
148	65.6	51.4	77.0
75	26.5	20.7	31.1





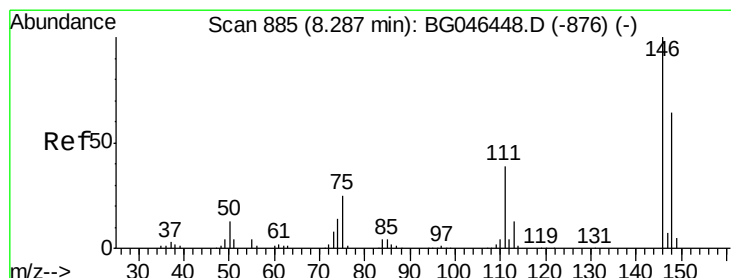
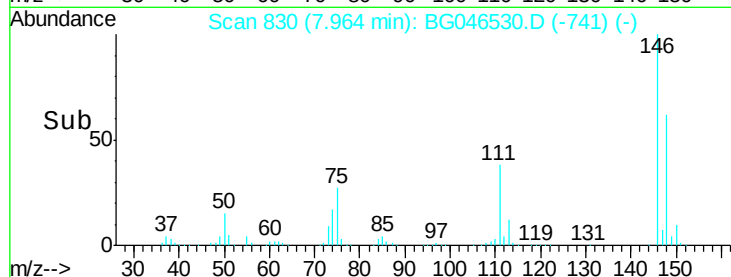
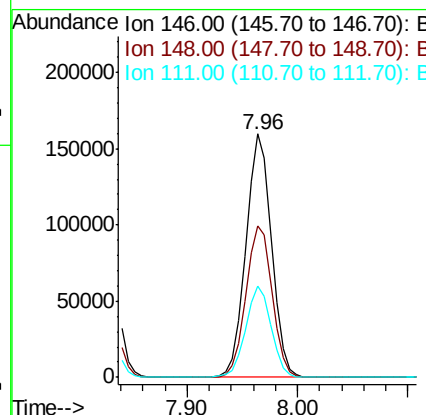
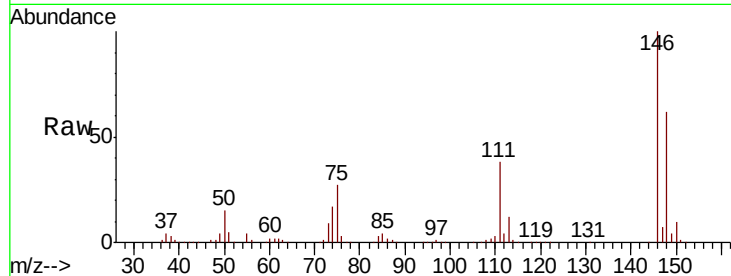
#13
 1,4-Dichlorobenzene
 Concen: 43.964 ng
 RT: 7.96 min Scan# 830
 Delta R.T. -0.01 min
 Lab File: BG046530.D
 Acq: 4 Sep 2020 00:14

Instrument :
 BNA_G
 ClientSampleId :
 9-2-TP-1MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.1	50.9	76.3
111	37.5	29.8	44.6

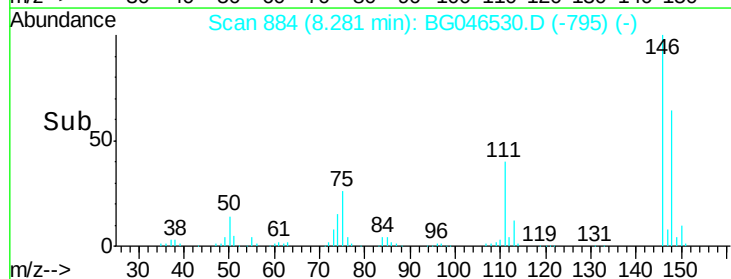
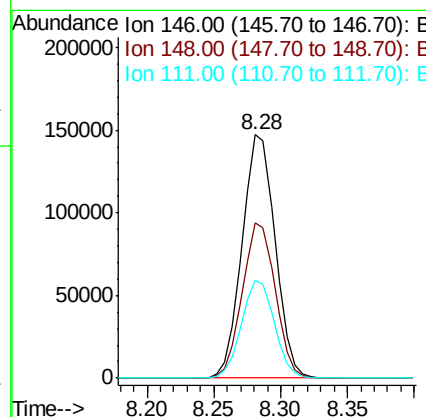
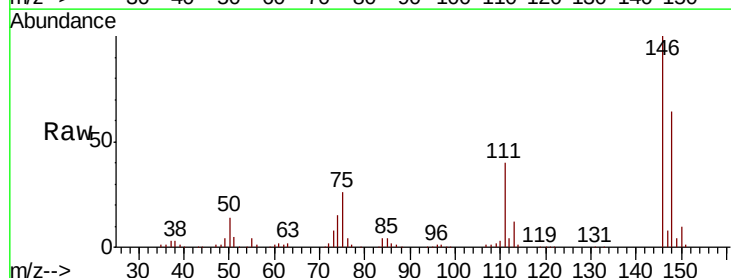
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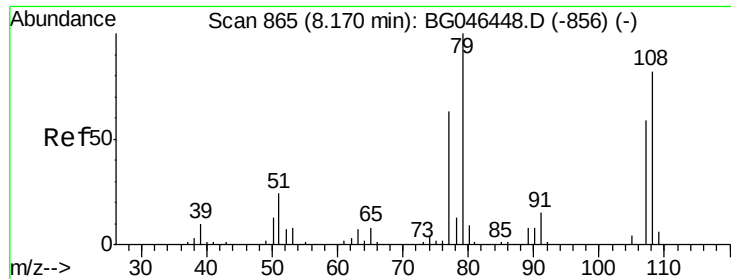
mohammad
 9/4/2020 1:55:06 PM



#14
 1,2-Dichlorobenzene
 Concen: 44.595 ng
 RT: 8.28 min Scan# 884
 Delta R.T. -0.01 min
 Lab File: BG046530.D
 Acq: 4 Sep 2020 00:14

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.6	51.4	77.0
111	40.1	31.4	47.2





#15

Benzyl Alcohol

Concen: 49.425 ng

RT: 8.17 min Scan# 865

Delta R.T. -0.00 min

Lab File: BG046530.D

Acq: 4 Sep 2020 00:14

Instrument :

BNA_G

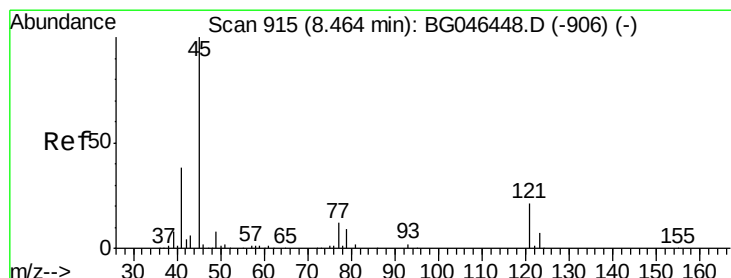
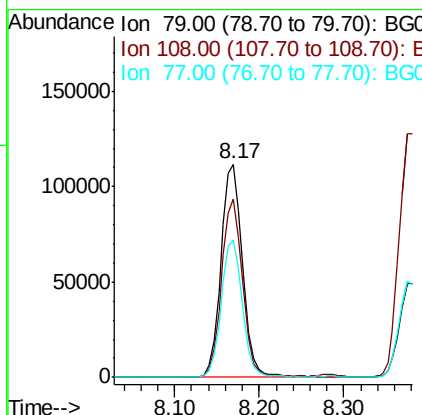
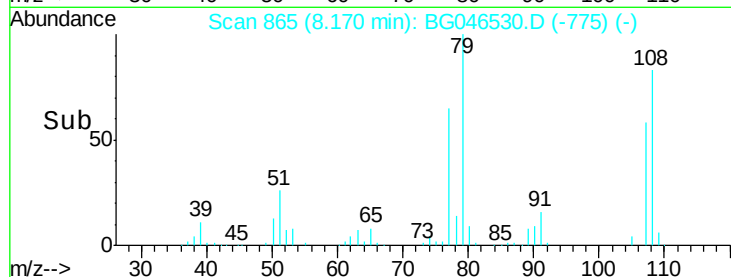
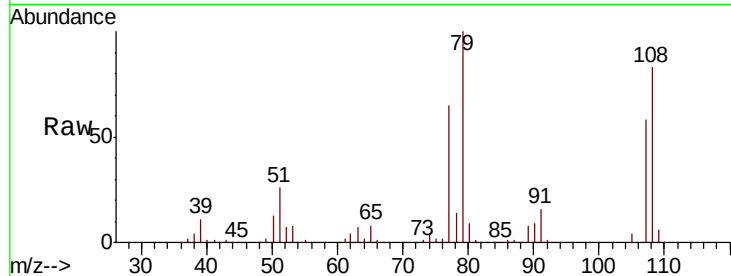
ClientSampleId :

9-2-TP-1MS

Tot Ion:	79	Resp:	197757
Ion Ratio	Lower	Upper	
79	100		
108	83.4	65.7	98.5
77	64.6	50.3	75.5

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#16

2,2'-oxybis(1-chloropropane)

Concen: 44.750 ng

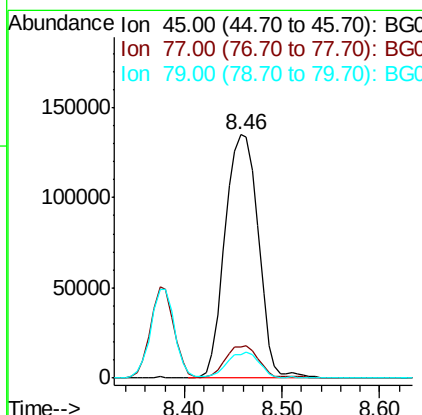
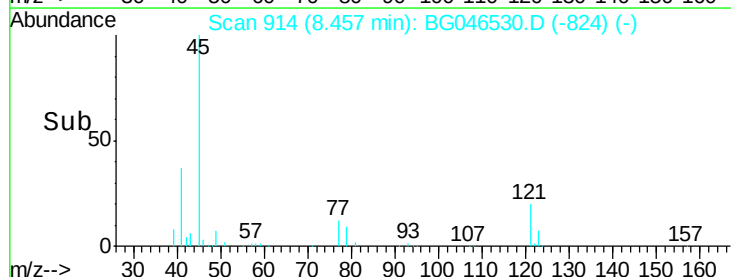
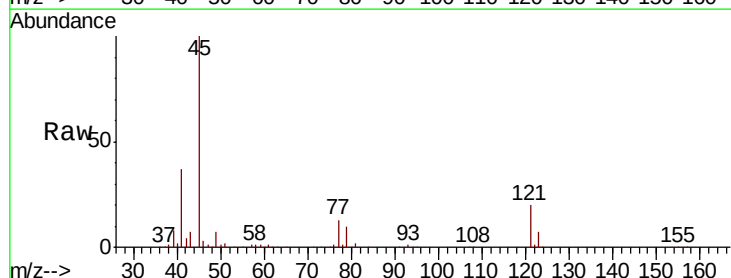
RT: 8.46 min Scan# 914

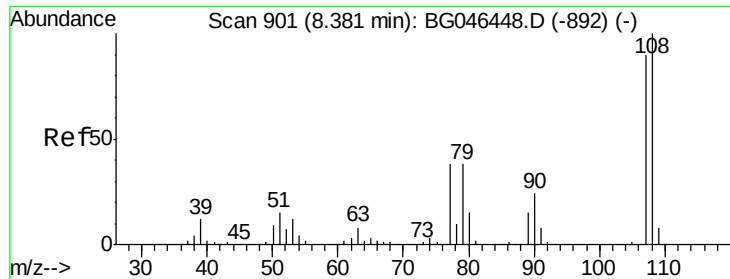
Delta R.T. -0.00 min

Lab File: BG046530.D

Acq: 4 Sep 2020 00:14

Tgt Ion:	45	Resp:	320266
Ion Ratio	Lower	Upper	
45	100		
77	13.0	0.0	33.2
79	9.8	0.0	30.3





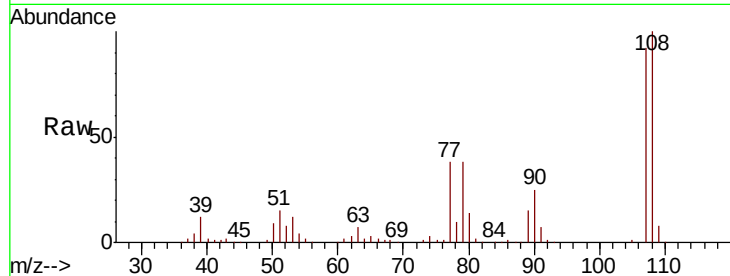
#17
2-Methylphenol
Concen: 49.022 ng
RT: 8.38 min Scan# 901
Delta R.T. 0.01 min
Lab File: BG046530.D
Acq: 4 Sep 2020 00:14

Instrument :
BNA_G
ClientSampleId :
9-2-TP-1MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100	199561		
108	109.1	89.4	134.0	
77	41.8	34.5	51.7	
79	41.9	33.8	50.6	

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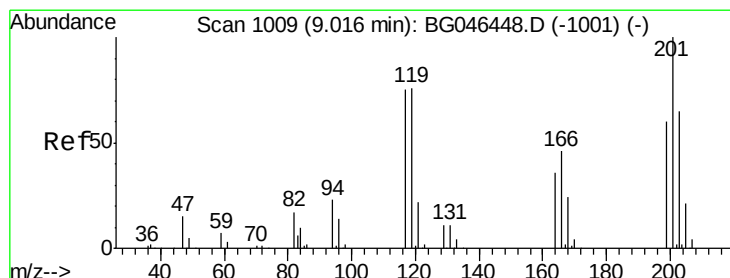
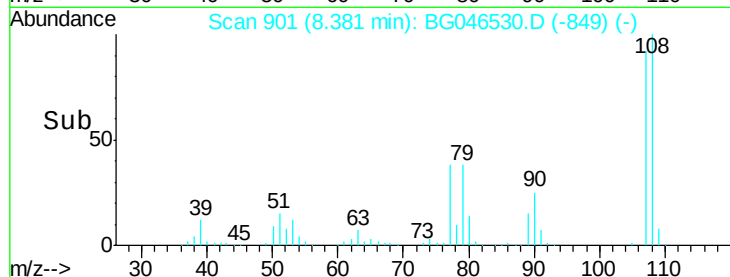
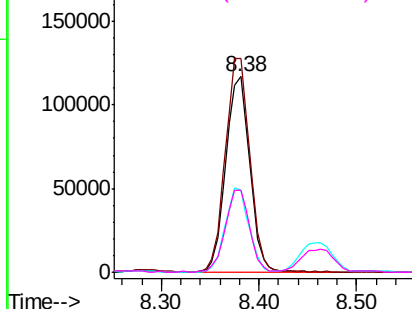
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

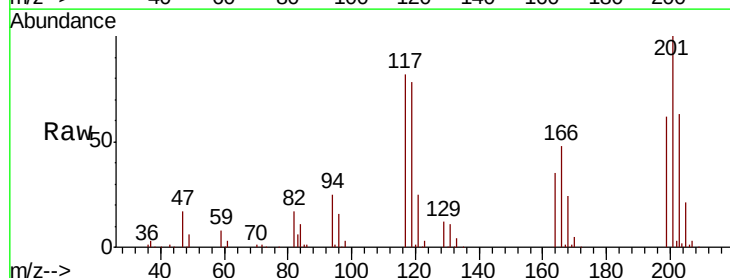
Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC



#18
Hexachloroethane
Concen: 44.193 ng
RT: 9.01 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BG046530.D
Acq: 4 Sep 2020 00:14

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	88494		
119	95.1	80.8	121.2	
201	122.1	106.7	160.1	

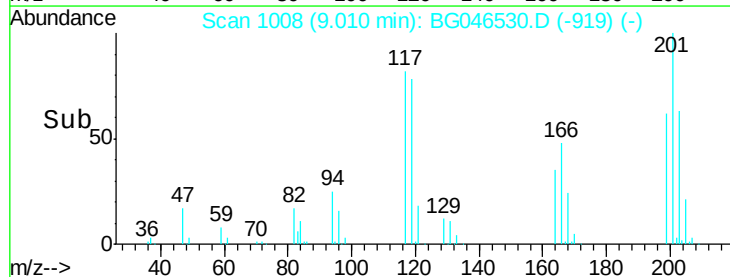
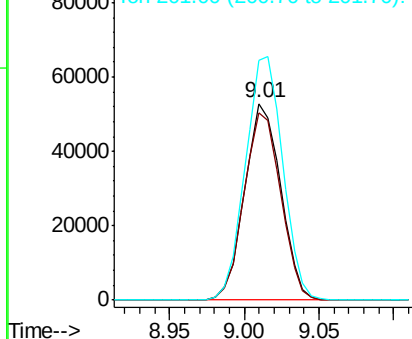


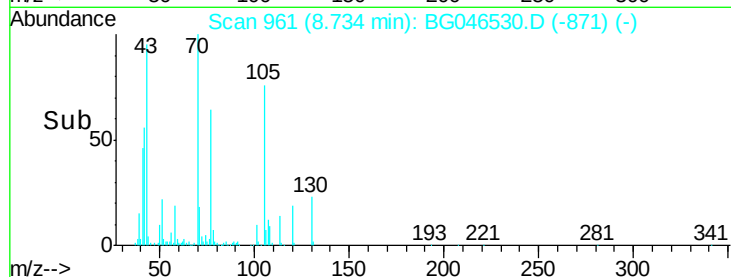
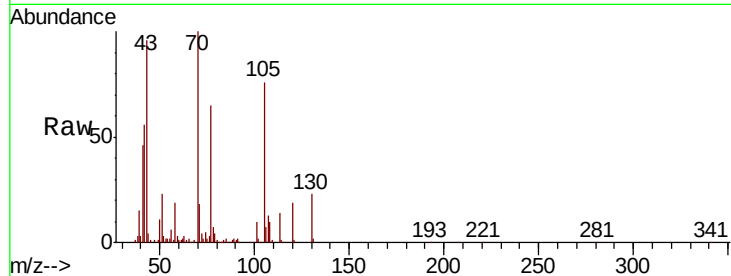
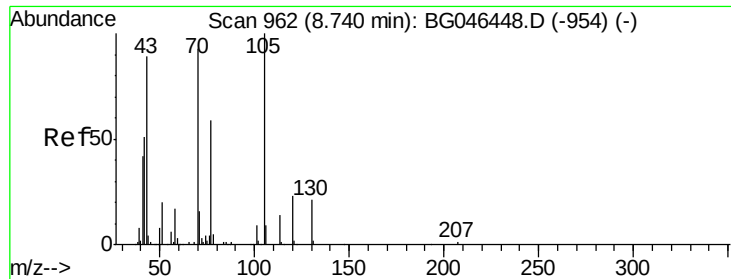
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





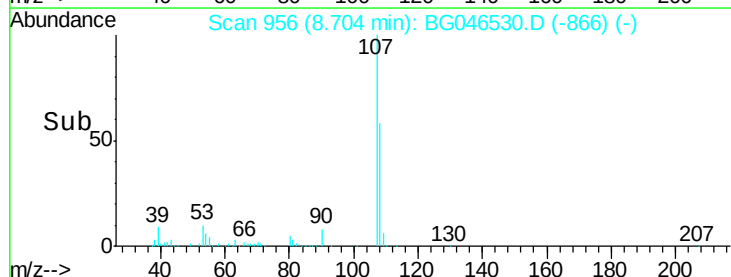
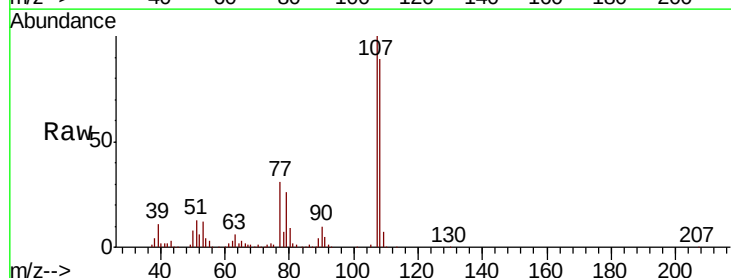
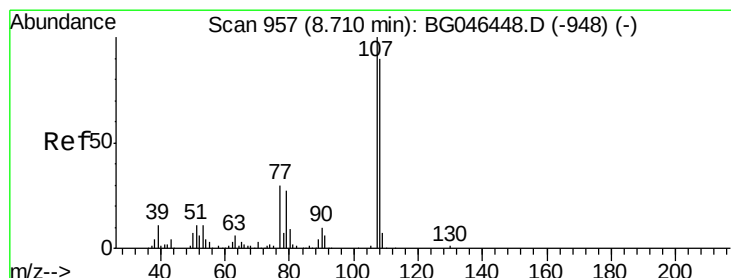
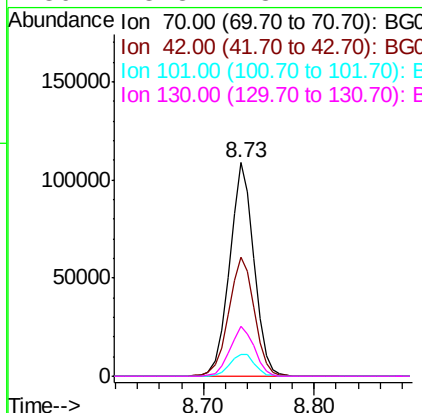
#19
n-Nitroso-di-n-propylamine
Concen: 44.849 ng
RT: 8.73 min Scan# 961
Delta R.T. -0.00 min
Lab File: BG046530.D
Acq: 4 Sep 2020 00:14

Instrument :
BNA_G
ClientSampleId :
9-2-TP-1MS

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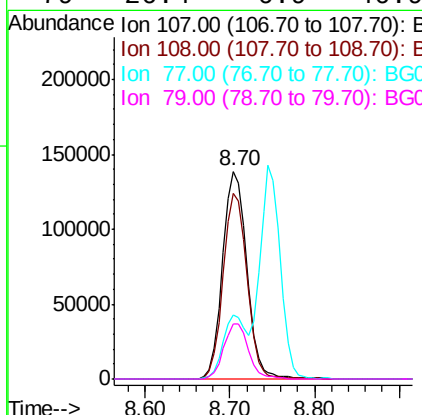
mohammad
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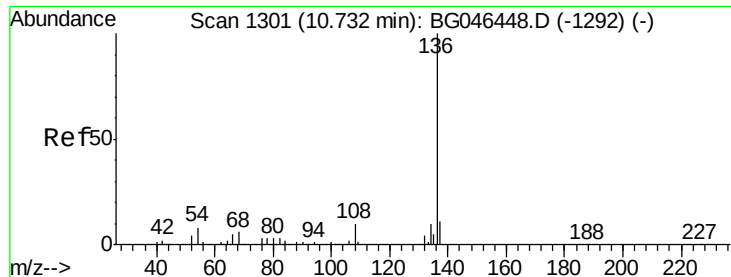
Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	55.6	44.2	66.2		
101	10.4	7.8	11.8		
130	23.3	18.2	27.4		



#20
3+4-Methylphenols
Concen: 48.969 ng
RT: 8.70 min Scan# 956
Delta R.T. -0.00 min
Lab File: BG046530.D
Acq: 4 Sep 2020 00:14

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	89.2	69.7	109.7		
77	30.7	9.7	49.7		
79	26.4	6.9	46.9		





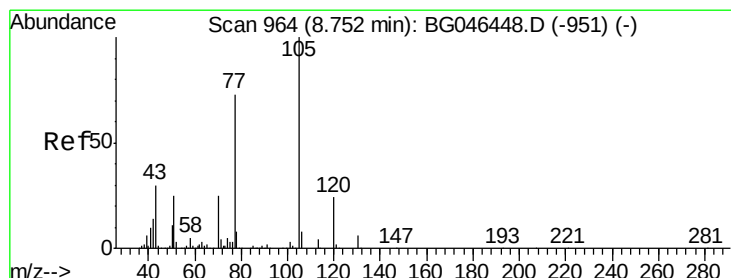
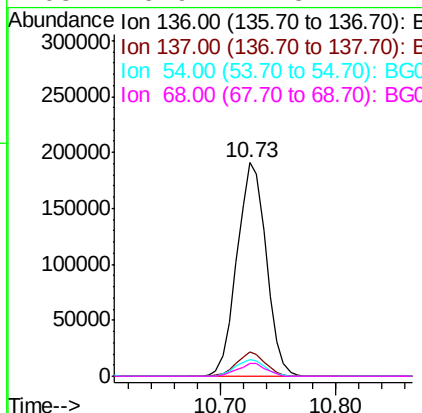
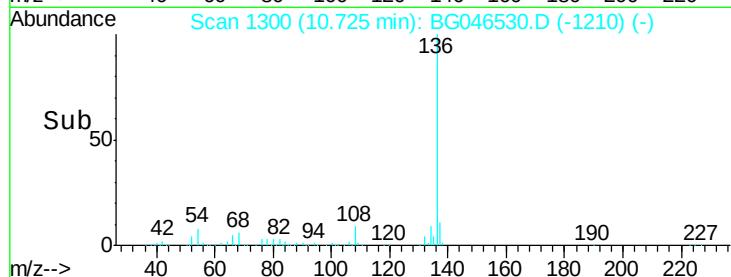
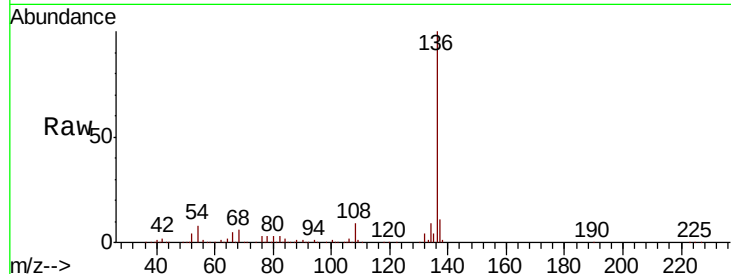
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.73 min Scan# 1300
Delta R.T. -0.00 min
Lab File: BG046530.D
Acq: 4 Sep 2020 00:14

Instrument :
BNA_G
ClientSampled :
9-2-TP-1MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		334764		
137	11.1		8.8	13.2	
54	7.6		6.1	9.1	
68	5.9		4.8	7.2	

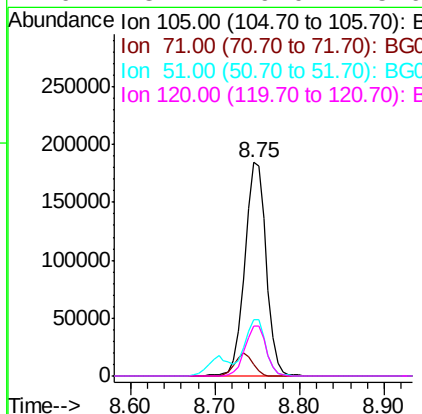
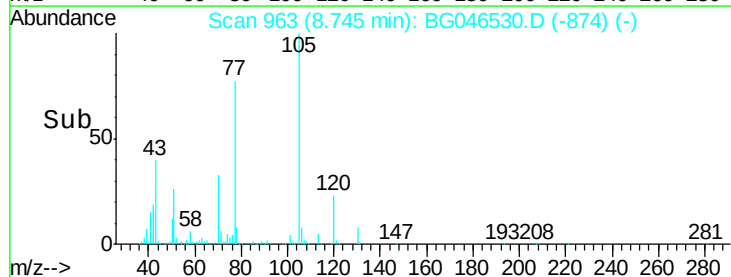
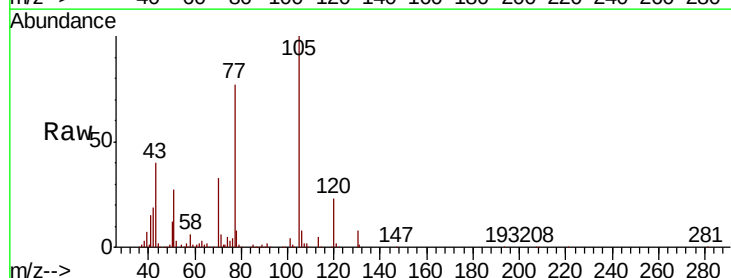
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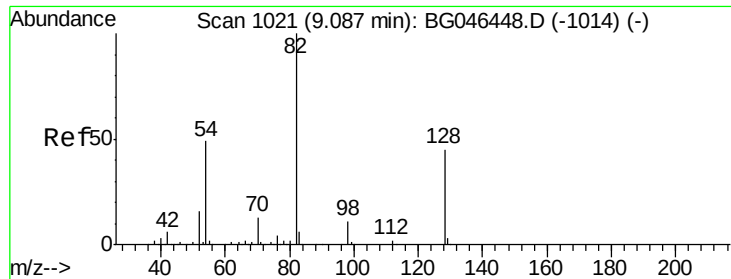
mohammad
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#22
Acetophenone
Concen: 39.773 ng
RT: 8.75 min Scan# 963
Delta R.T. -0.01 min
Lab File: BG046530.D
Acq: 4 Sep 2020 00:14

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		324105		
71	5.5		3.3	4.9#	
51	26.6		20.6	31.0	
120	23.1		19.0	28.6	





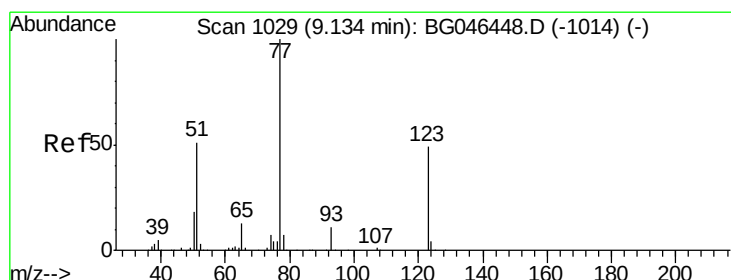
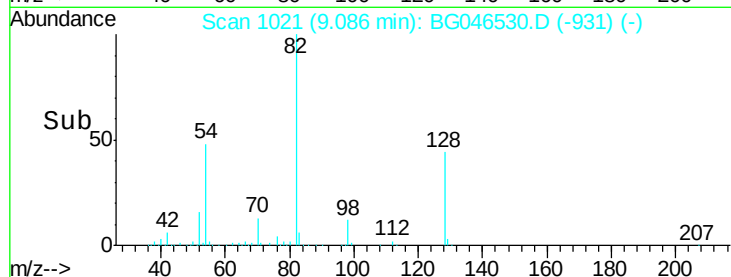
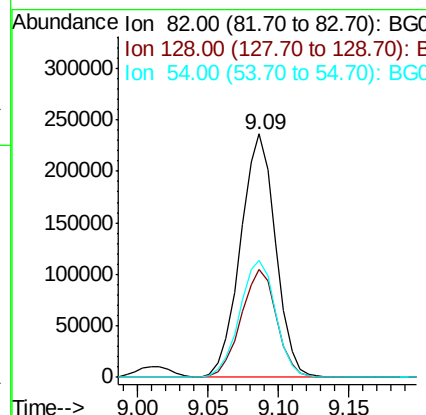
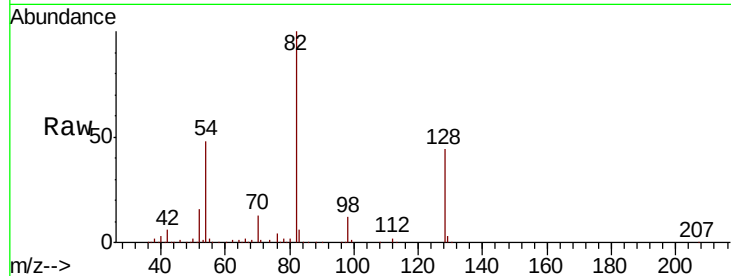
#23
 Nitrobenzene-d5
 Concen: 70.018 ng
 RT: 9.09 min Scan# 1021
 Delta R.T. -0.00 min
 Lab File: BG046530.D
 Acq: 4 Sep 2020 00:14

Instrument :
 BNA_G
 ClientSampleId :
 9-2-TP-1MS

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.3	35.7	53.5
54	48.1	39.4	59.0

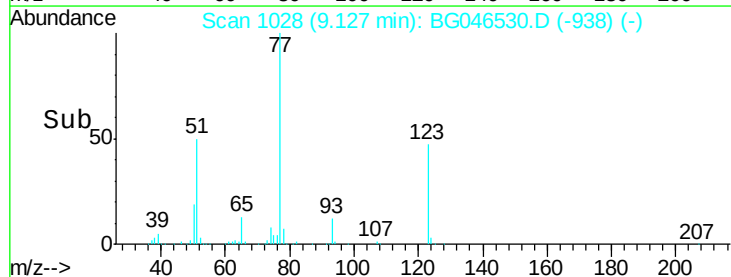
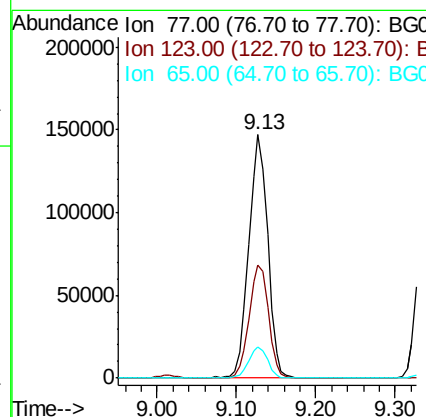
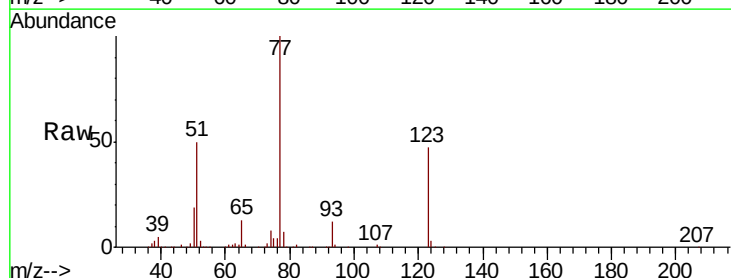
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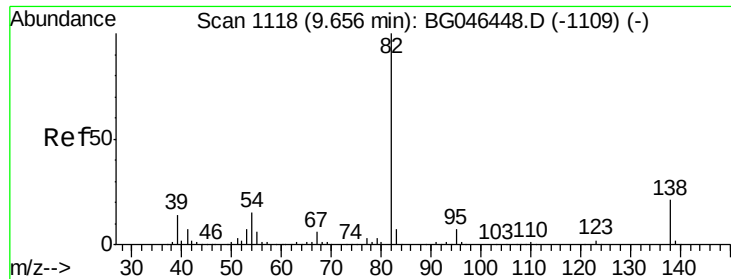
mohammad
 9/4/2020 1:55:06 PM



#24
 Nitrobenzene
 Concen: 42.389 ng
 RT: 9.13 min Scan# 1028
 Delta R.T. -0.00 min
 Lab File: BG046530.D
 Acq: 4 Sep 2020 00:14

Tgt Ion	Ratio	Lower	Upper
77	100		
123	46.6	39.6	59.4
65	13.0	10.1	15.1





#25

Isophorone

Concen: 43.292 ng

RT: 9.65 min Scan# 1117

Delta R.T. -0.00 min

Lab File: BG046530.D

Acq: 4 Sep 2020 00:14

Instrument :

BNA_G

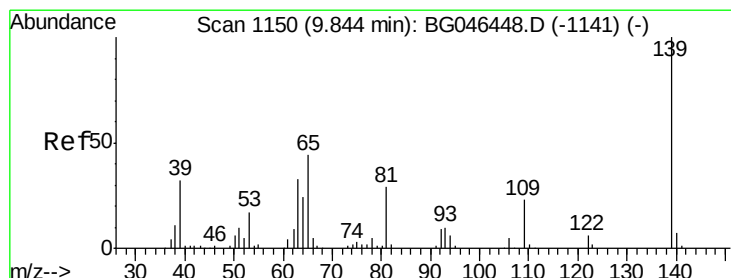
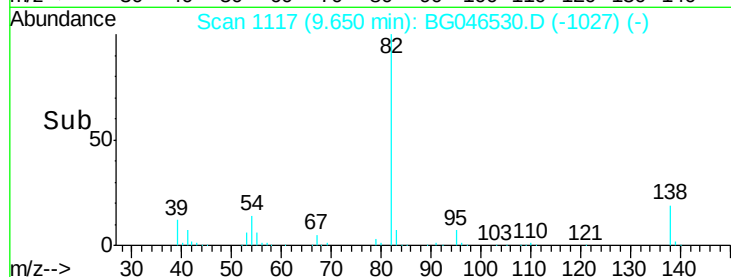
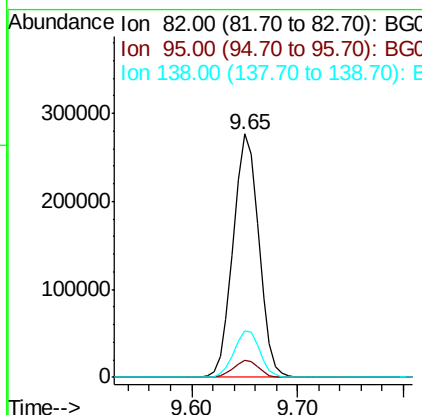
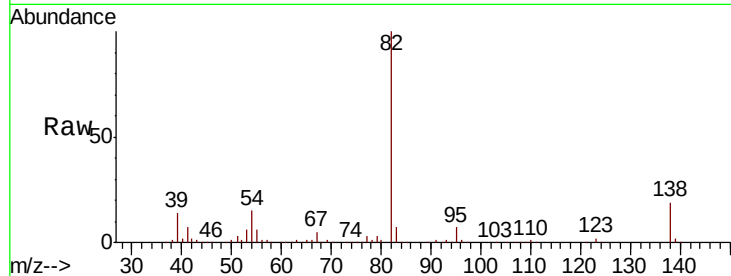
ClientSampleId :

9-2-TP-1MS

Tot Ion:	82	Resp:	464883
Ion Ratio	Lower	Upper	
82	100		
95	7.0	5.8	8.6
138	18.9	16.4	24.6

Manual Integrations
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#26

2-Nitrophenol

Concen: 44.513 ng

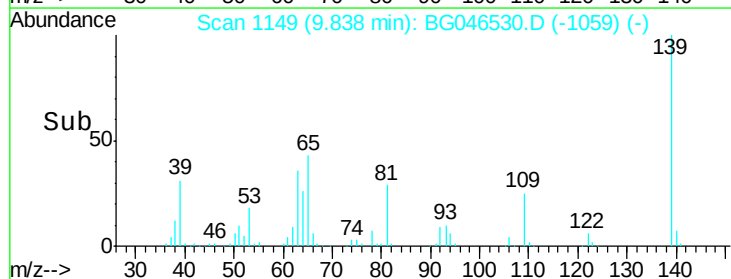
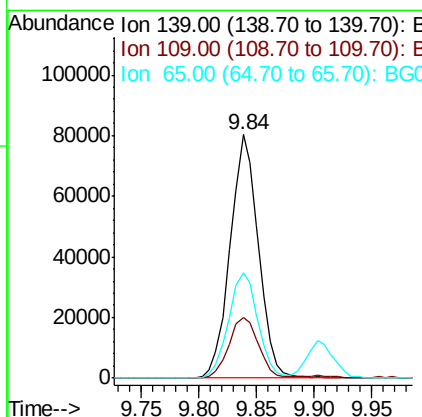
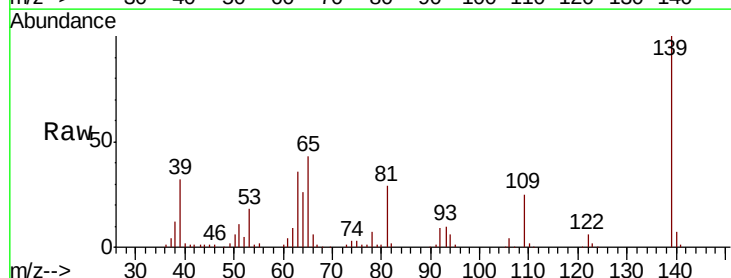
RT: 9.84 min Scan# 1149

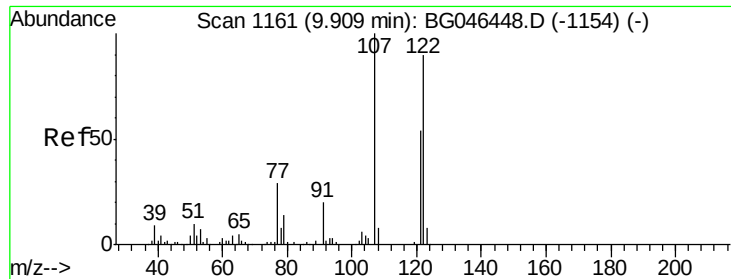
Delta R.T. -0.00 min

Lab File: BG046530.D

Acq: 4 Sep 2020 00:14

Tgt Ion:	139	Resp:	135899
Ion Ratio	Lower	Upper	
139	100		
109	25.1	18.8	28.2
65	43.4	35.0	52.6





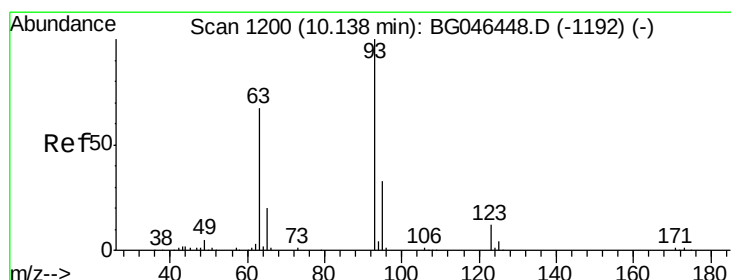
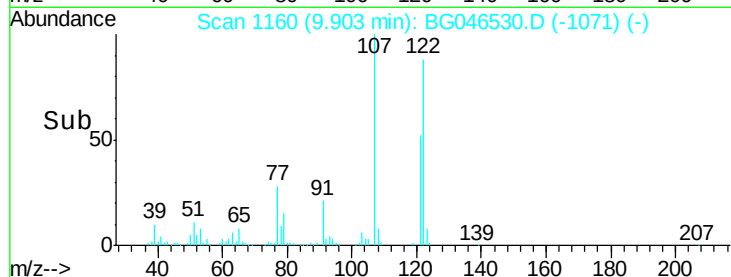
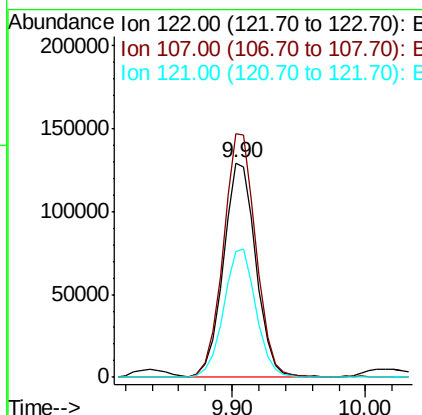
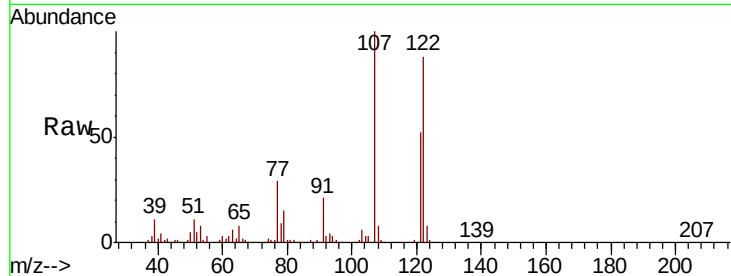
#27
 2,4-Dimethylphenol
 Concen: 52.020 ng
 RT: 9.90 min Scan# 1160
 Delta R.T. -0.01 min
 Lab File: BG046530.D
 Acq: 4 Sep 2020 00:14

Instrument :
 BNA_G
 ClientSampleId :
 9-2-TP-1MS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	218434		
107	113.6	88.2	132.2	
121	58.8	47.4	71.0	

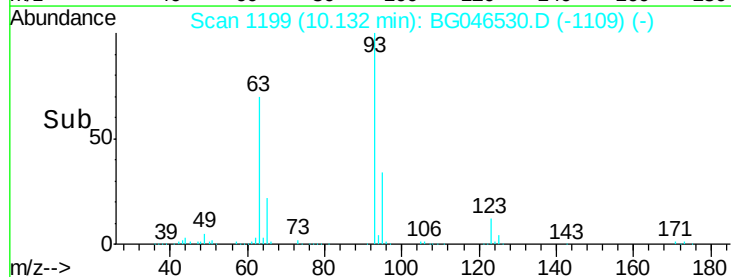
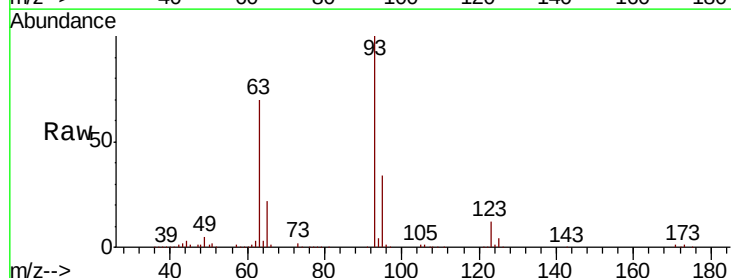
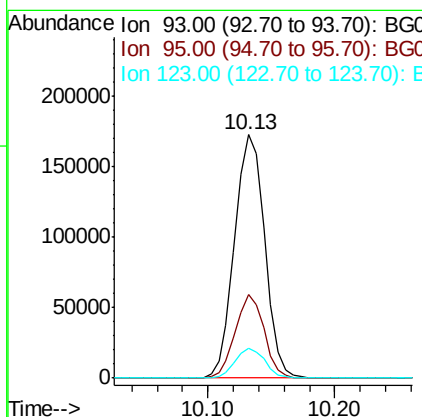
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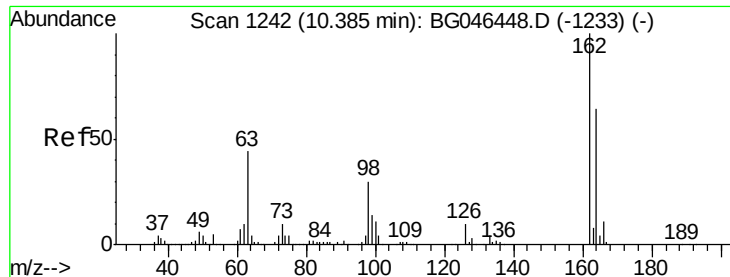
mohammad
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#28
 bis(2-Chloroethoxy)methane
 Concen: 41.263 ng
 RT: 10.13 min Scan# 1199
 Delta R.T. -0.00 min
 Lab File: BG046530.D
 Acq: 4 Sep 2020 00:14

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	285196		
95	34.4	26.1	39.1	
123	12.4	9.5	14.3	





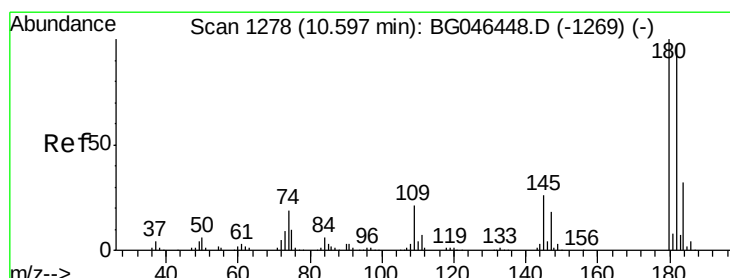
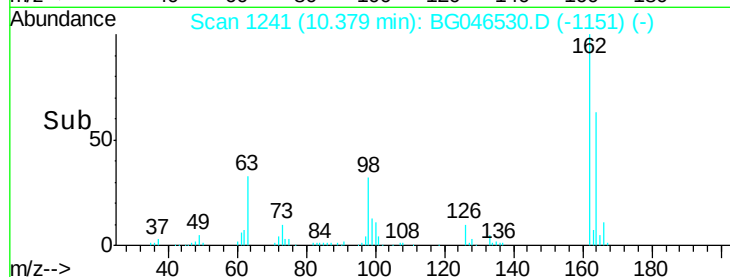
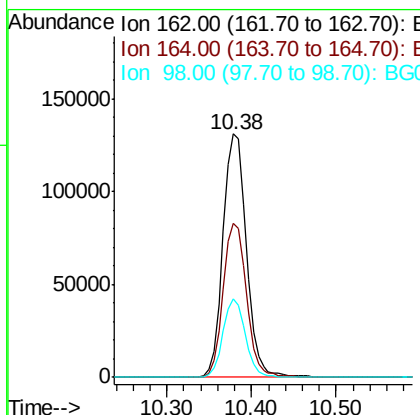
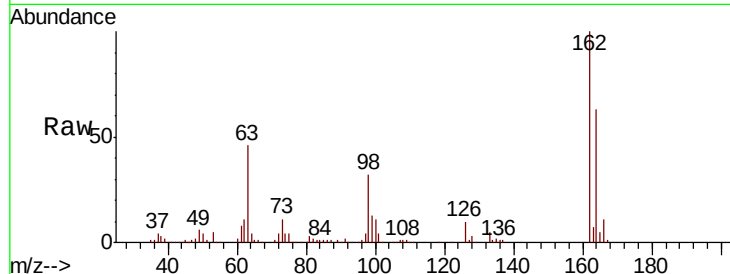
#29
 2,4-Dichlorophenol
 Concen: 44.950 ng
 RT: 10.38 min Scan# 1241
 Delta R.T. -0.00 min
 Lab File: BG046530.D
 Acq: 4 Sep 2020 00:14

Instrument :
 BNA_G
 ClientSampleId :
 9-2-TP-1MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	251618		
164	63.4	44.3	84.3	
98	32.1	10.0	50.0	

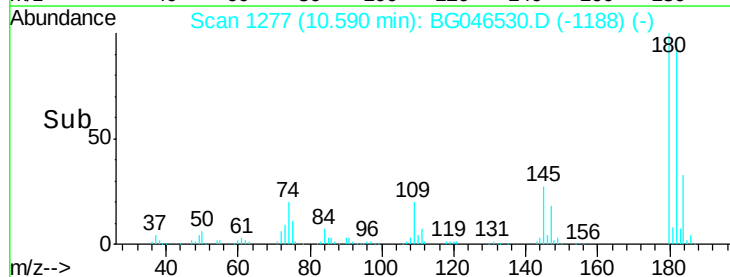
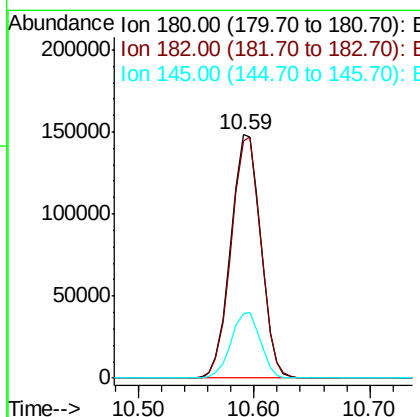
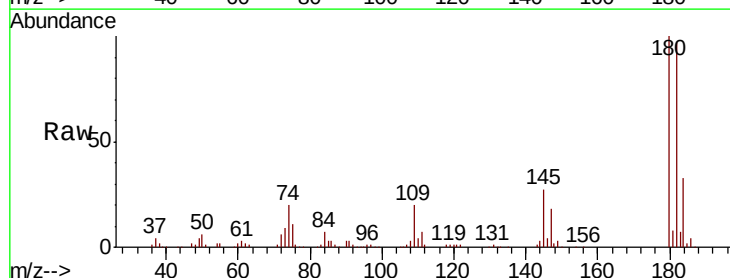
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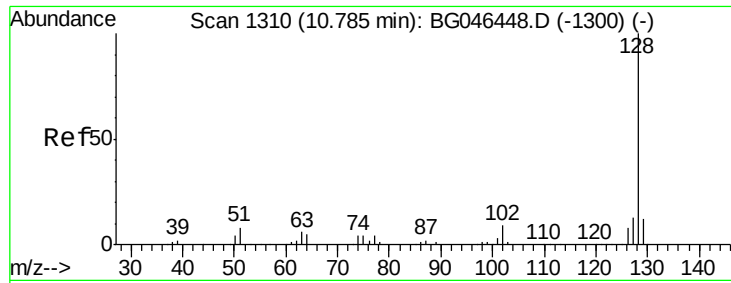
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#30
 1,2,4-Trichlorobenzene
 Concen: 40.182 ng
 RT: 10.59 min Scan# 1277
 Delta R.T. -0.01 min
 Lab File: BG046530.D
 Acq: 4 Sep 2020 00:14

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	266874		
182	97.5	77.8	116.8	
145	26.7	20.9	31.3	





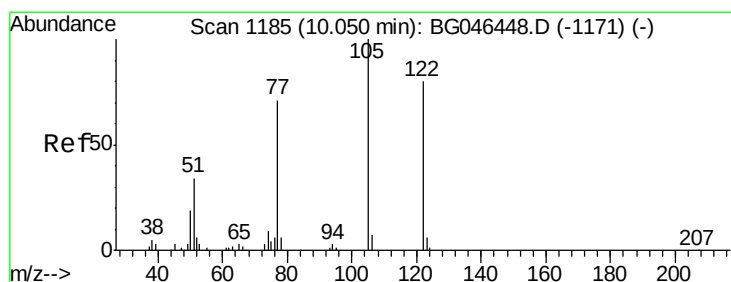
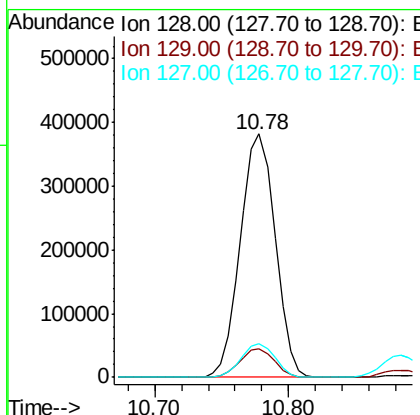
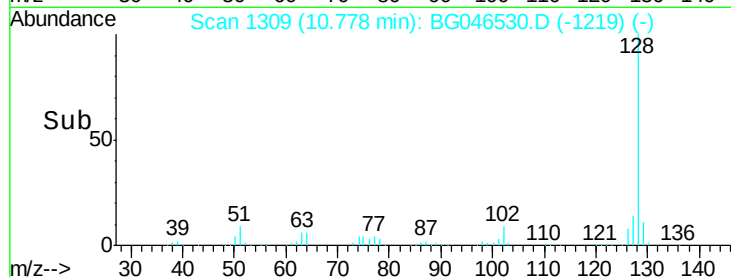
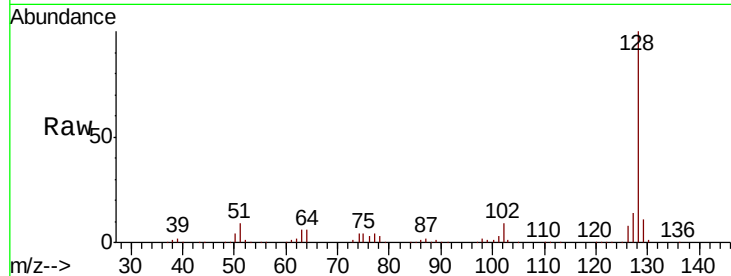
#31
Naphthalene
Concen: 42.316 ng
RT: 10.78 min Scan# 1309
Delta R.T. -0.00 min
Lab File: BG046530.D
Acq: 4 Sep 2020 00:14

Instrument :
BNA_G
ClientSampled :
9-2-TP-1MS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.2	13.8
127	13.9	10.7	16.1

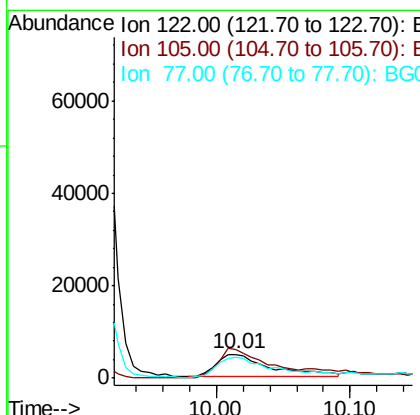
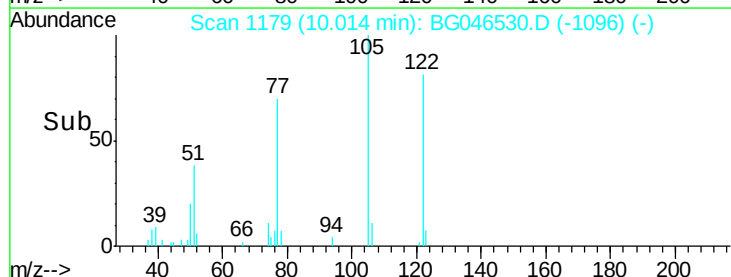
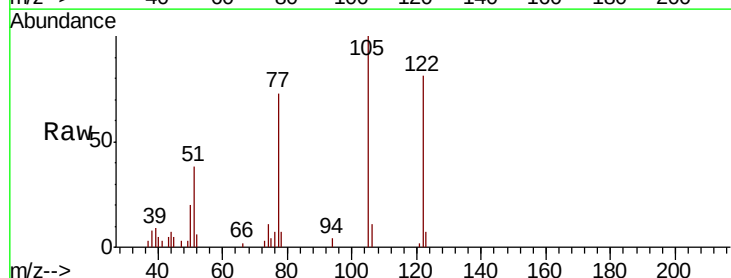
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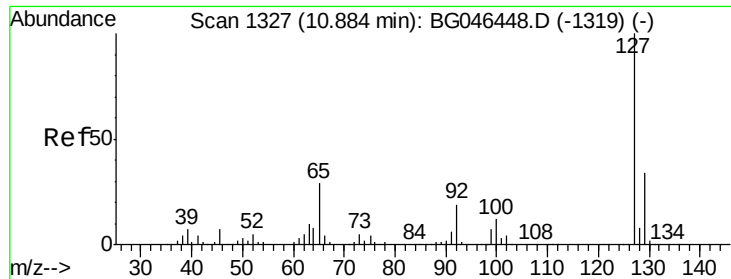
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#32
Benzoic acid
Concen: 9.647 ng
RT: 10.01 min Scan# 1179
Delta R.T. -0.04 min
Lab File: BG046530.D
Acq: 4 Sep 2020 00:14

Tgt Ion	Ratio	Lower	Upper
122	100		
105	123.0	102.5	142.5
77	90.2	68.2	108.2





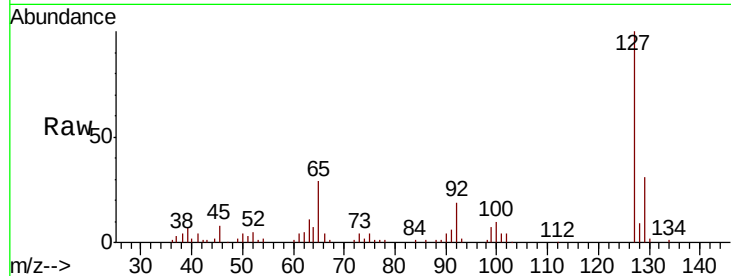
#33
4-Chloroaniline
Concen: 9.841 ng
RT: 10.88 min Scan# 1327
Delta R.T. -0.00 min
Lab File: BG046530.D
Acq: 4 Sep 2020 00:14

Instrument :
BNA_G
ClientSampleId :
9-2-TP-1MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		70932		
129	31.4	27.0	40.4		
65	29.1	23.5	35.3		
92	19.1	14.9	22.3		

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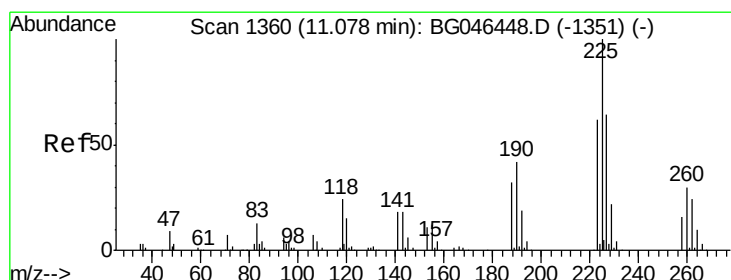
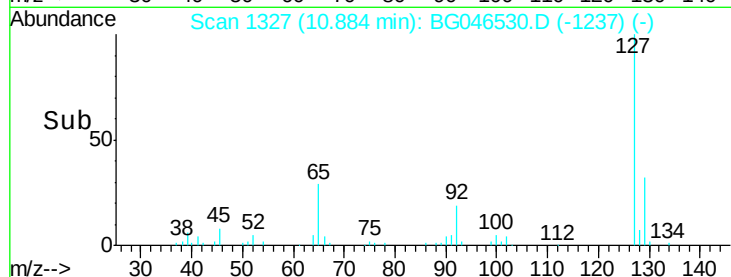
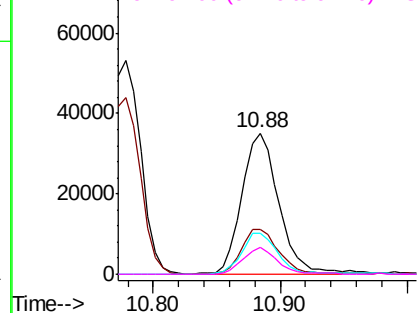
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

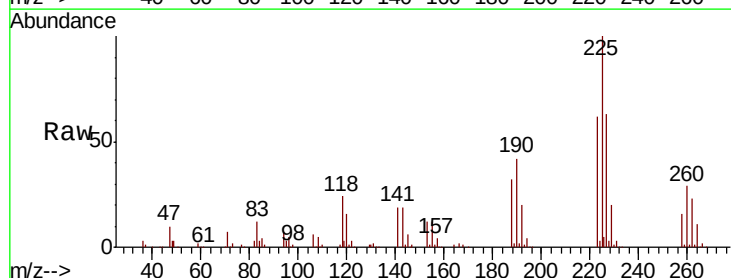
Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC



#34
Hexachlorobutadiene
Concen: 39.967 ng
RT: 11.07 min Scan# 1359
Delta R.T. -0.00 min
Lab File: BG046530.D
Acq: 4 Sep 2020 00:14

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		172317		
223	61.7	49.9	74.9		
227	63.0	51.6	77.4		

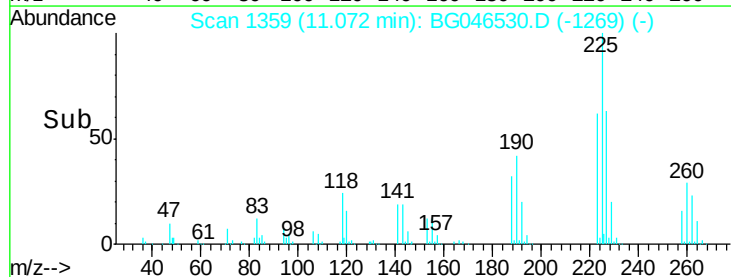
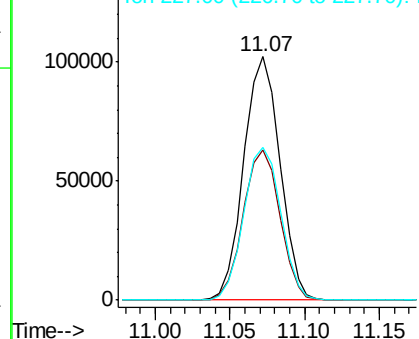


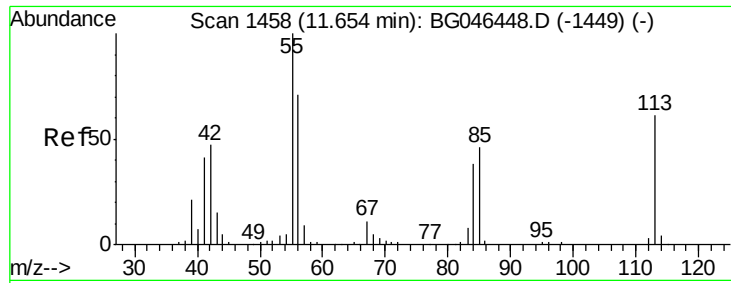
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 39.624 ng/mL

RT: 11.65 min Scan# 1458

Delta R.T. -0.01 min

Lab File: BG046530.D

Acq: 4 Sep 2020 00:14

Instrument :

BNA_G

ClientSampleId :

9-2-TP-1MS

Tot Ion:113 Resp: 82910

Ion Ratio Lower Upper

113 100

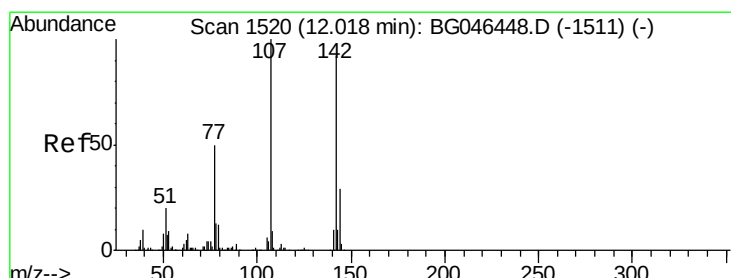
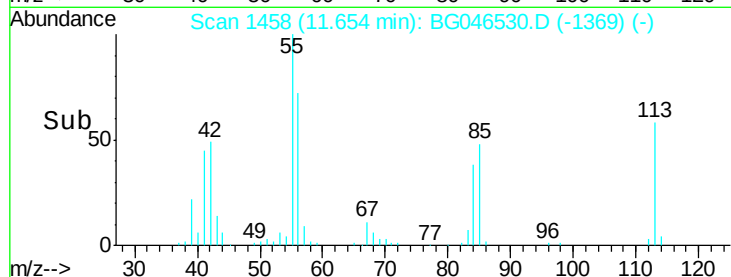
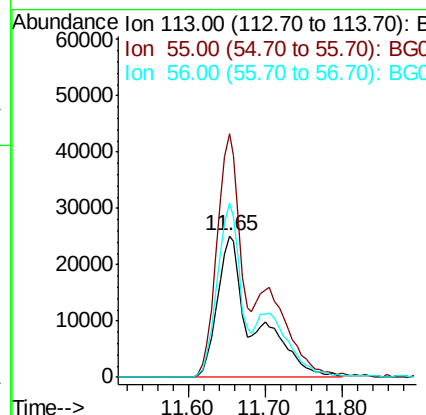
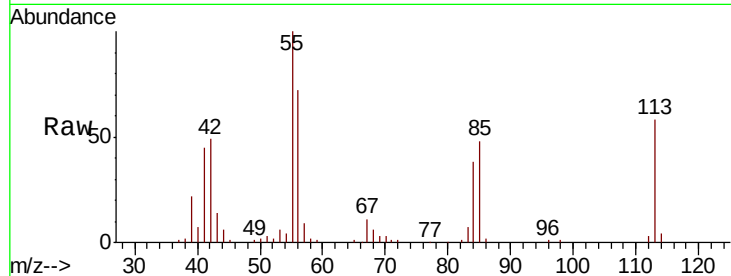
55 172.0 144.2 184.2

56 123.2 97.0 137.0

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#36

4-Chloro-3-methylphenol

Concen: 44.488 ng/mL

RT: 12.02 min Scan# 1520

Delta R.T. -0.00 min

Lab File: BG046530.D

Acq: 4 Sep 2020 00:14

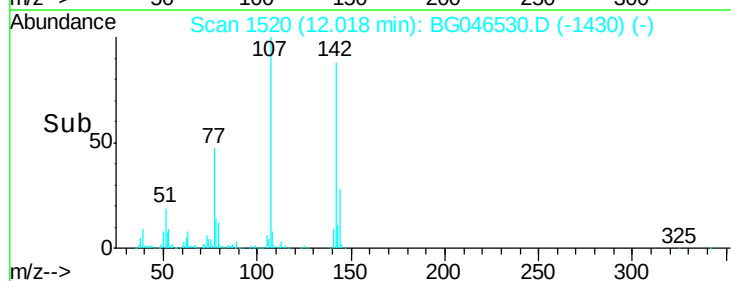
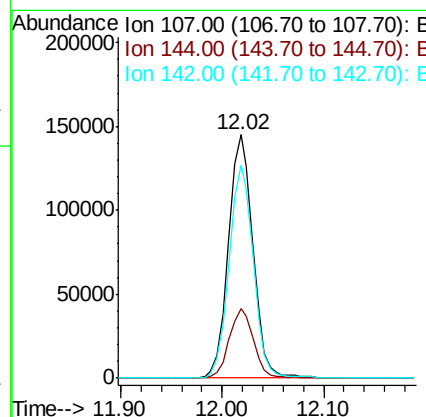
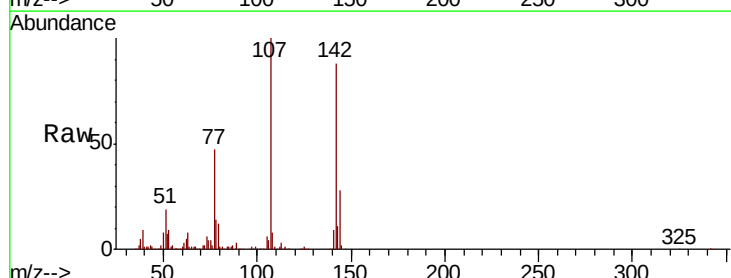
Tgt Ion:107 Resp: 243567

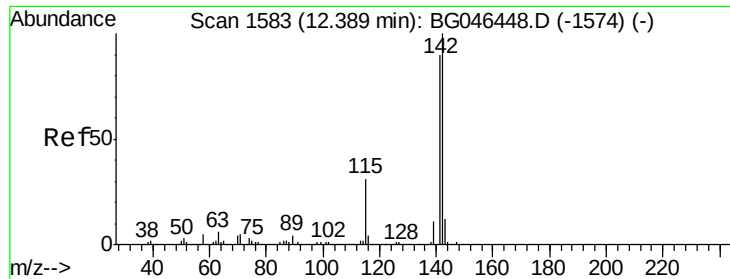
Ion Ratio Lower Upper

107 100

144 28.5 23.3 34.9

142 87.5 73.7 110.5





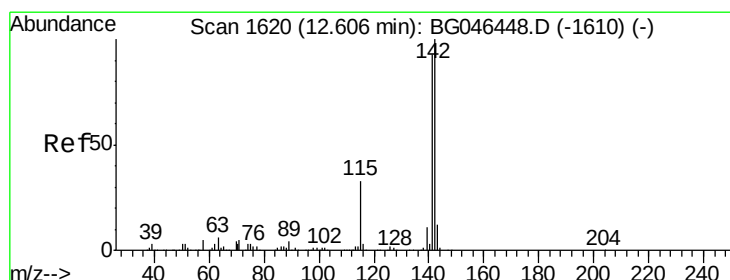
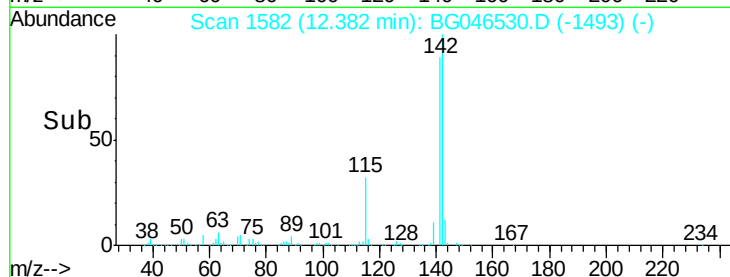
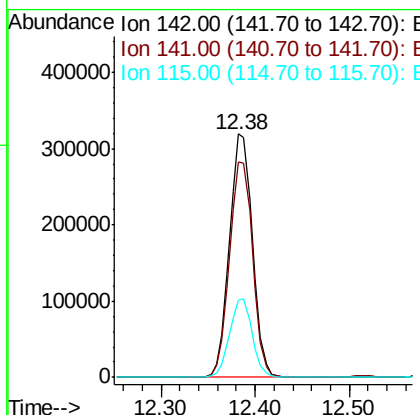
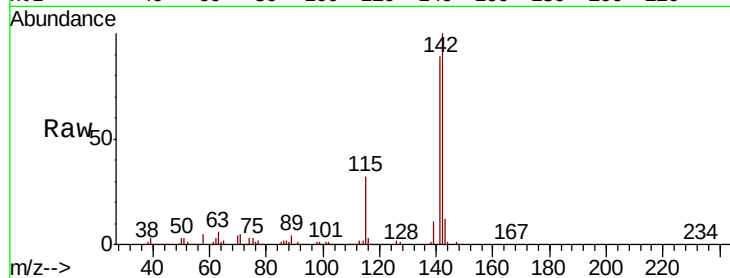
#37
2-Methylnaphthalene
Concen: 41.989 ng
RT: 12.38 min Scan# 1582
Delta R.T. -0.01 min
Lab File: BG046530.D
Acq: 4 Sep 2020 00:14

Instrument :
BNA_G
ClientSampleId :
9-2-TP-1MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.6	72.1	108.1
115	31.7	24.9	37.3

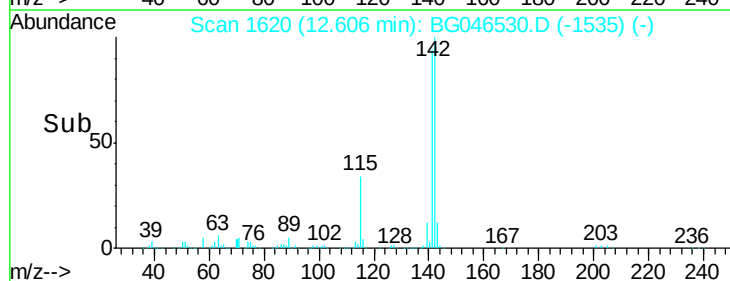
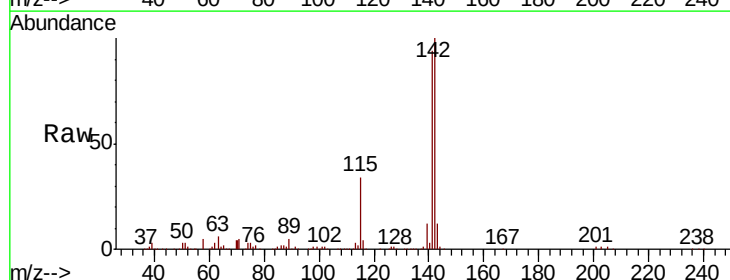
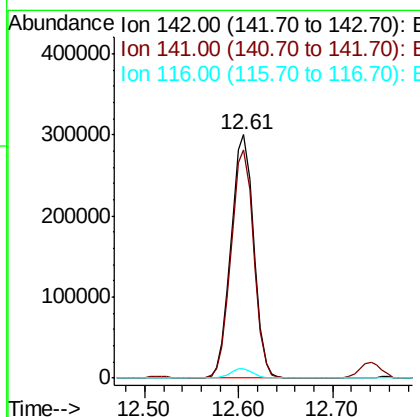
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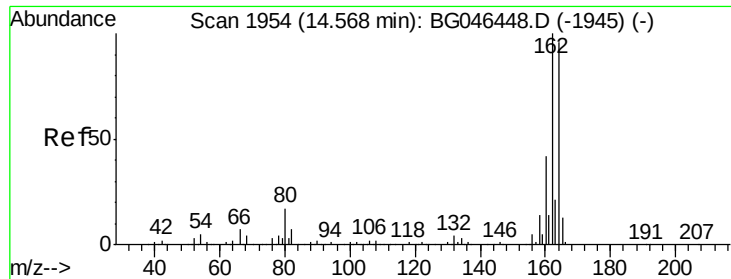
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#38
1-Methylnaphthalene
Concen: 41.230 ng
RT: 12.61 min Scan# 1620
Delta R.T. -0.00 min
Lab File: BG046530.D
Acq: 4 Sep 2020 00:14

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





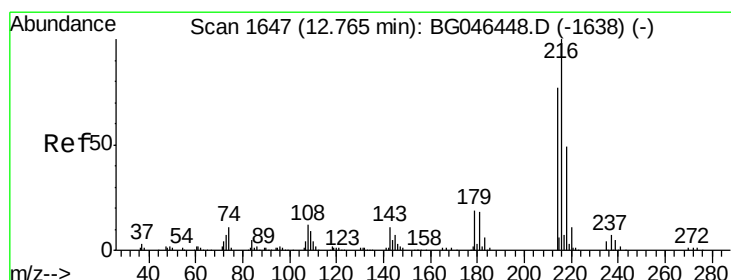
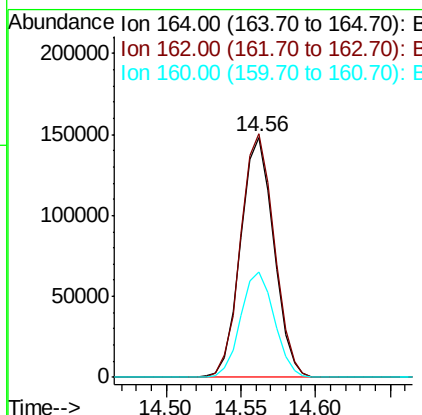
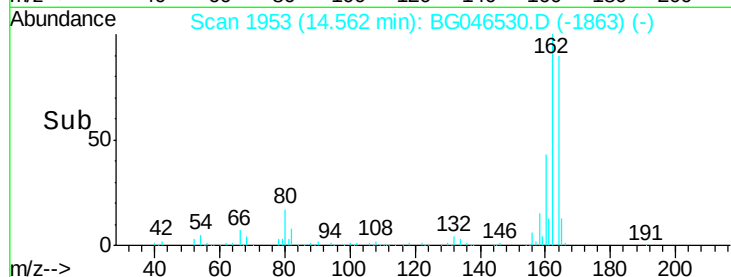
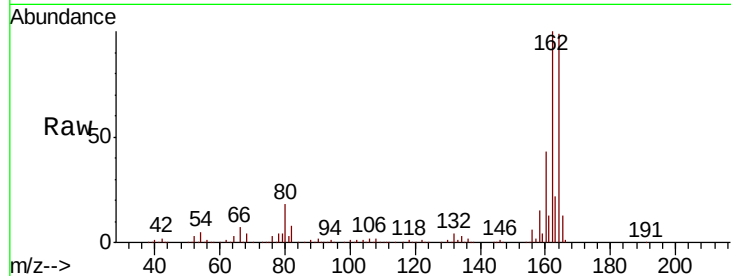
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.56 min Scan# 1953
Delta R.T. -0.00 min
Lab File: BG046530.D
Acq: 4 Sep 2020 00:14

Instrument :
BNA_G
ClientSampleId :
9-2-TP-1MS

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.3	83.3	124.9
160	43.7	35.0	52.6

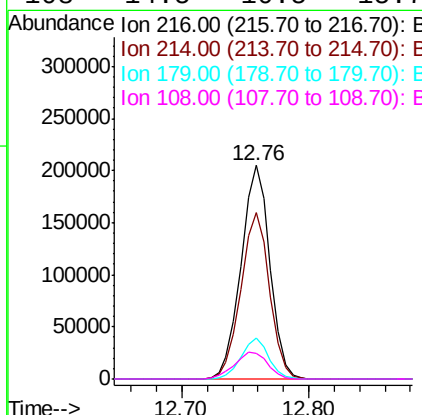
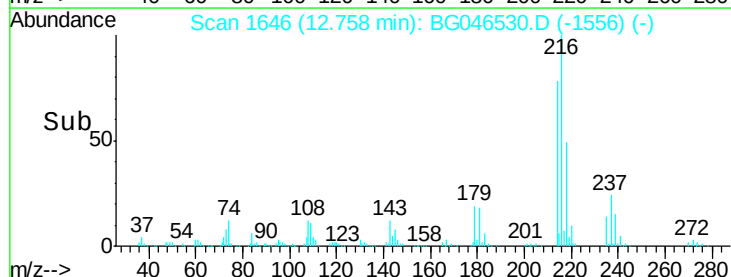
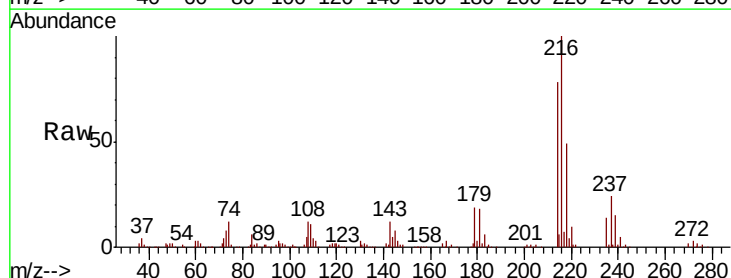
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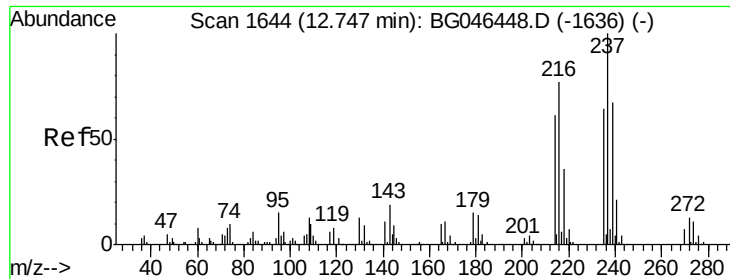
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.842 ng
RT: 12.76 min Scan# 1646
Delta R.T. -0.00 min
Lab File: BG046530.D
Acq: 4 Sep 2020 00:14

Tgt Ion	Ratio	Lower	Upper
216	100		
214	77.6	62.1	93.1
179	18.6	14.9	22.3
108	14.5	10.5	15.7





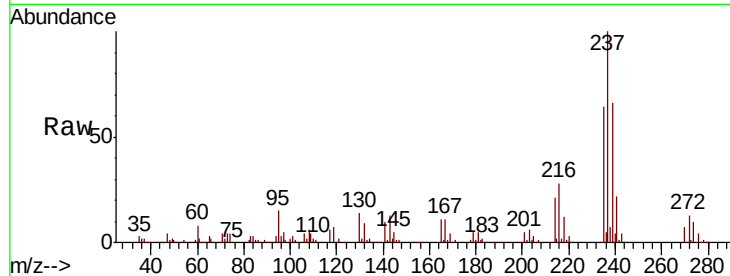
#41
Hexachlorocyclopentadiene
Concen: 95.336 ng
RT: 12.74 min Scan# 1643
Delta R.T. -0.00 min
Lab File: BG046530.D
Acq: 4 Sep 2020 00:14

Instrument :
BNA_G
ClientSampleId :
9-2-TP-1MS

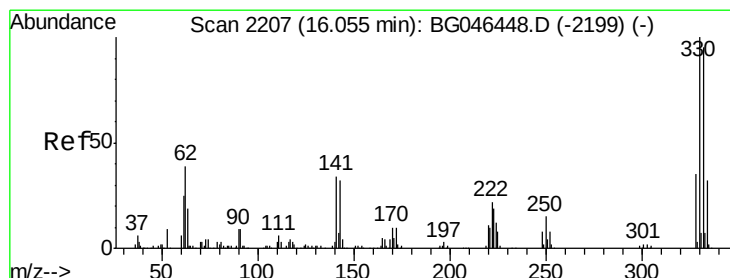
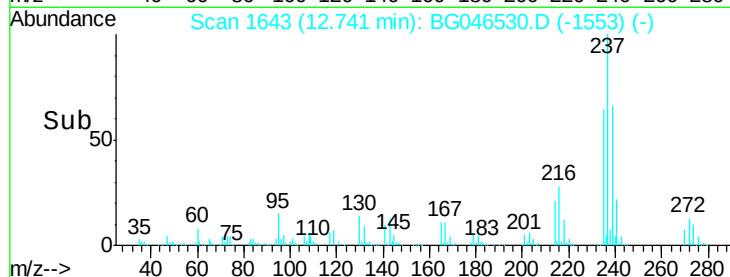
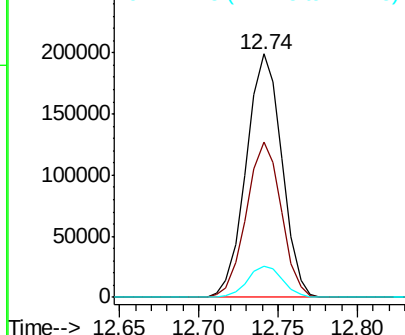
Tot Ion	Ratio	Resp Lower	Upper
237	100		
235	63.7	44.5	84.5
272	12.9	0.0	32.8

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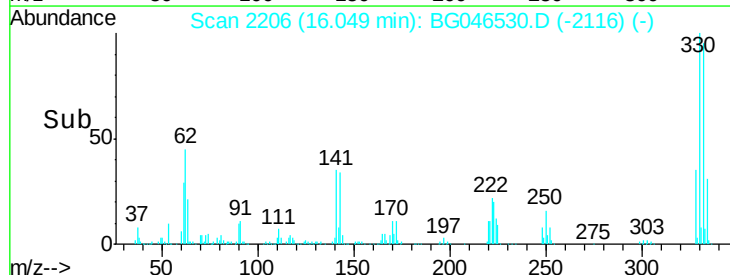
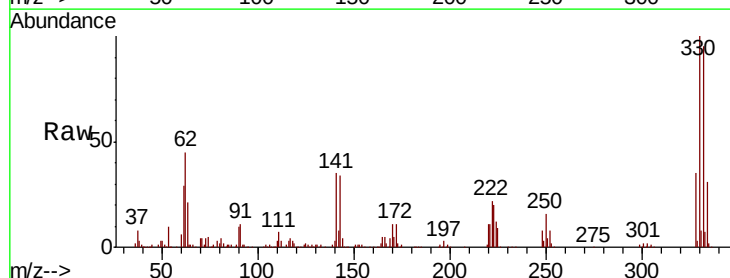
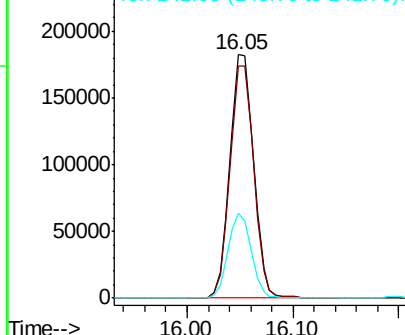
Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

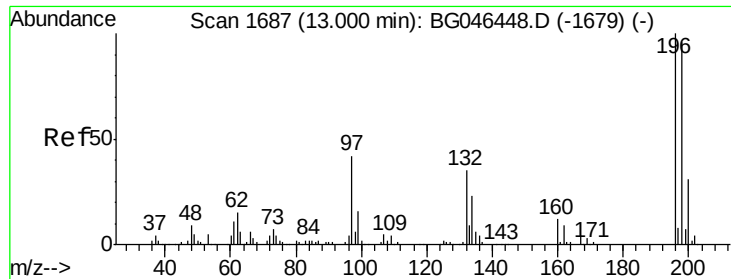


#42
2,4,6-Tribromophenol
Concen: 91.491 ng
RT: 16.05 min Scan# 2206
Delta R.T. -0.00 min
Lab File: BG046530.D
Acq: 4 Sep 2020 00:14

Tgt Ion	Ratio	Resp Lower	Upper
330	100		
332	95.6	76.1	114.1
141	34.2	26.1	39.1

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





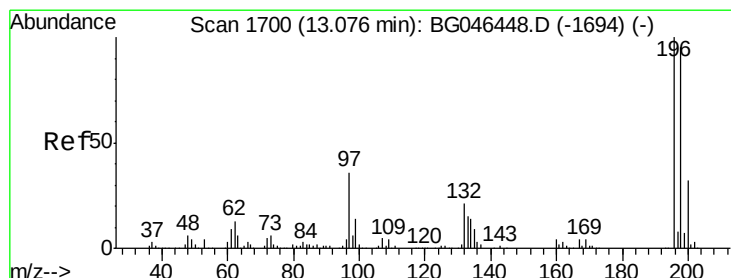
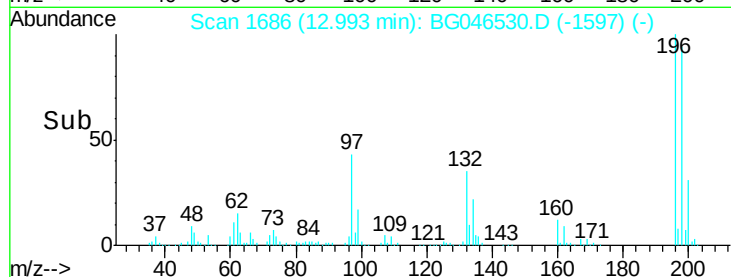
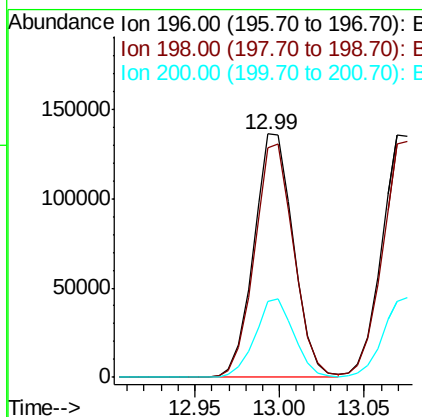
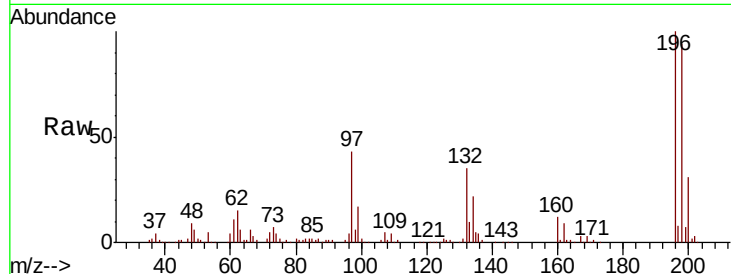
#43
 2,4,6-Trichlorophenol
 Concen: 43.759 ng
 RT: 12.99 min Scan# 1686
 Delta R.T. -0.01 min
 Lab File: BG046530.D
 Acq: 4 Sep 2020 00:14

Instrument :
 BNA_G
 ClientSampleId :
 9-2-TP-1MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	221762		
198	94.2	77.0	115.6	
200	31.3	25.2	37.8	

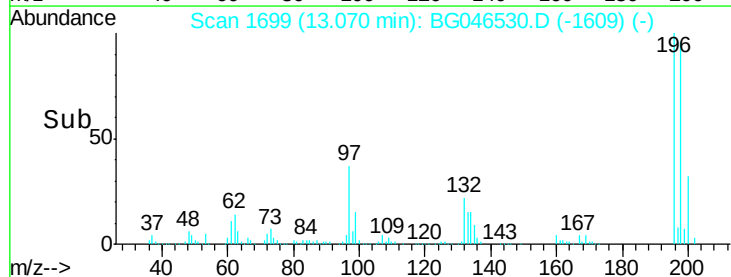
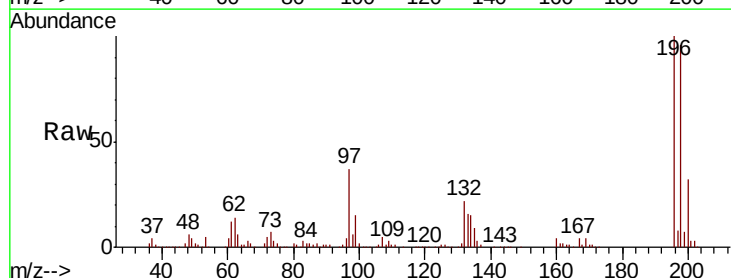
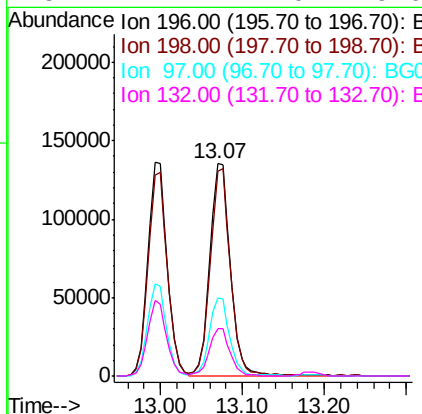
Manual Integrations
 APPROVED

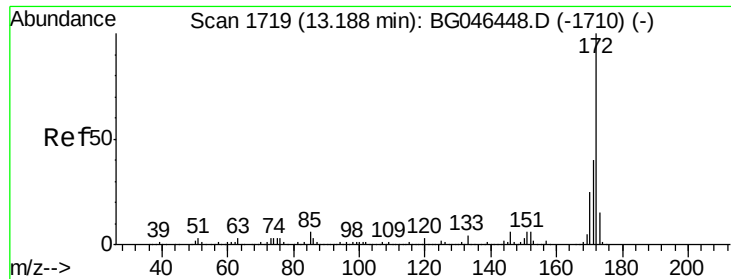
mohammad
 9/4/2020 1:55:06 PM



#44
 2,4,5-Trichlorophenol
 Concen: 44.210 ng
 RT: 13.07 min Scan# 1699
 Delta R.T. -0.00 min
 Lab File: BG046530.D
 Acq: 4 Sep 2020 00:14

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	235399		
198	96.5	75.6	113.4	
97	37.0	28.6	43.0	
132	22.1	17.0	25.6	





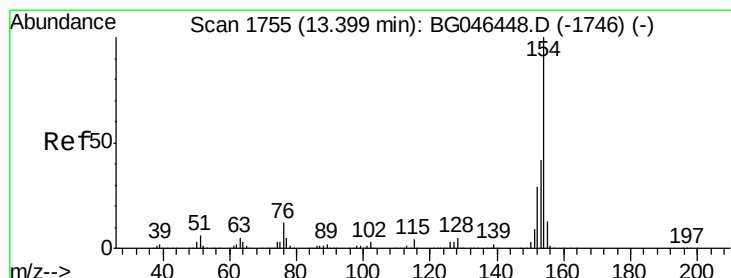
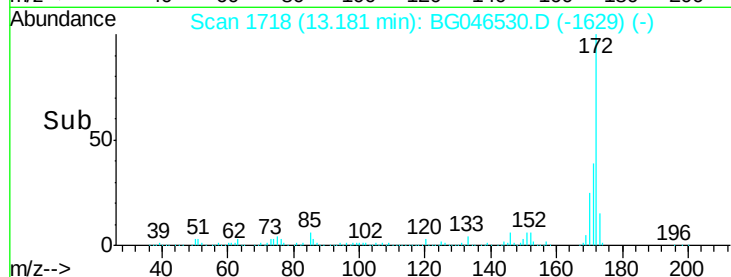
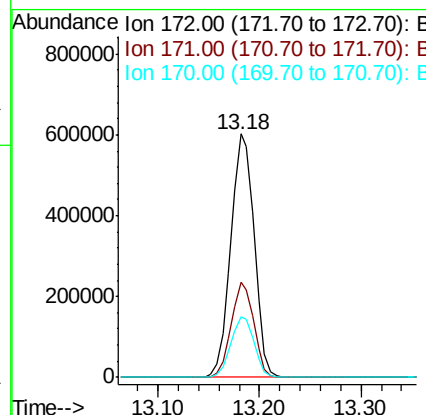
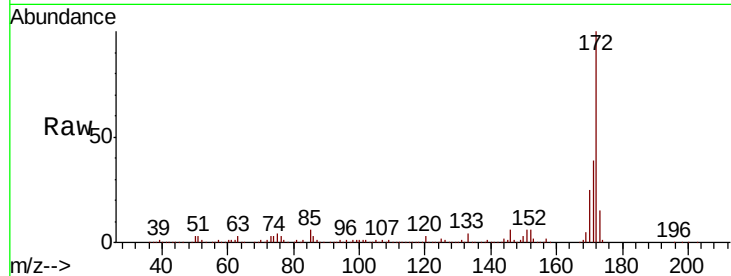
#45
2-Fluorobiphenyl
Concen: 64.240 ng
RT: 13.18 min Scan# 1718
Delta R.T. -0.01 min
Lab File: BG046530.D
Acq: 4 Sep 2020 00:14

Instrument :
BNA_G
ClientSampleId :
9-2-TP-1MS

Tot Ion	Ratio	Resp	Lower	Upper
172	100	958326		
171	39.2		31.8	47.6
170	25.0		20.3	30.5

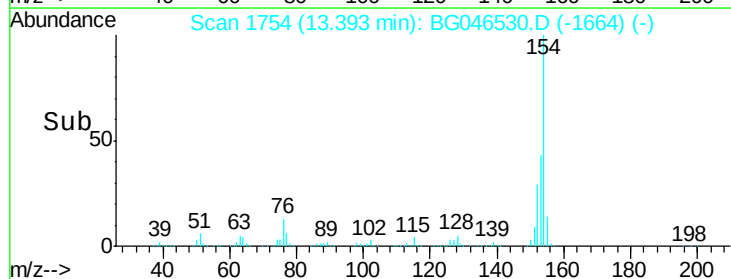
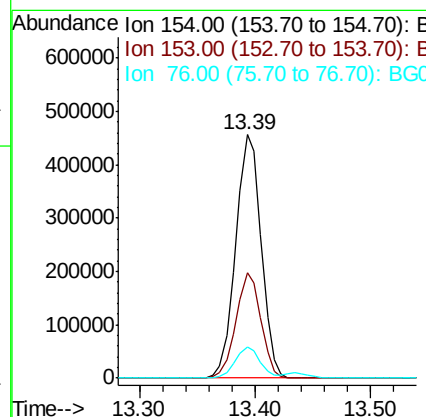
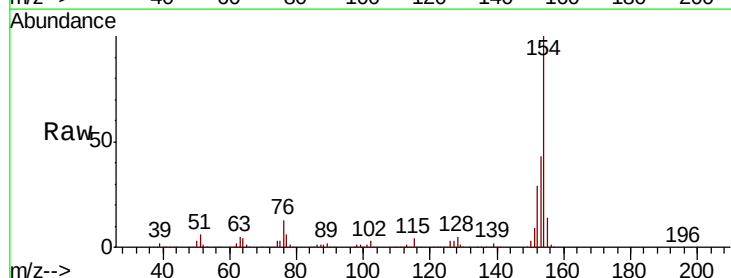
Manual Integrations
APPROVED

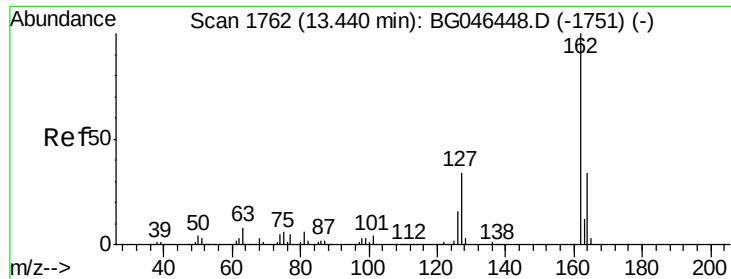
mohammad
9/4/2020 1:55:06 PM



#46
1,1'-Biphenyl
Concen: 43.774 ng
RT: 13.39 min Scan# 1754
Delta R.T. -0.00 min
Lab File: BG046530.D
Acq: 4 Sep 2020 00:14

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	693564		
153	43.2		22.0	62.0
76	12.8		0.0	32.3





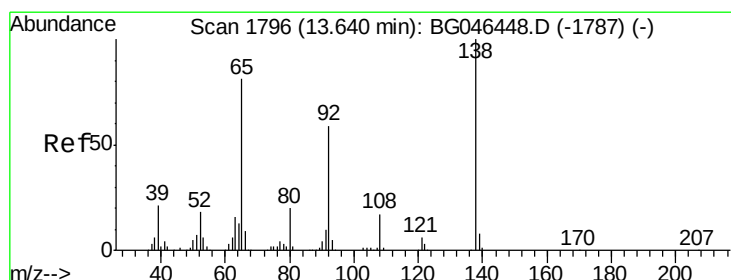
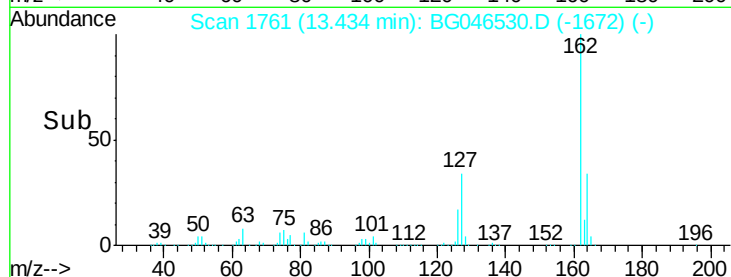
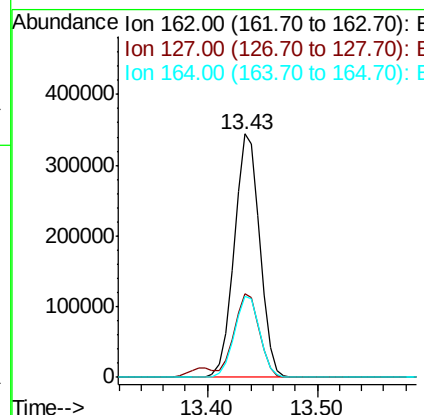
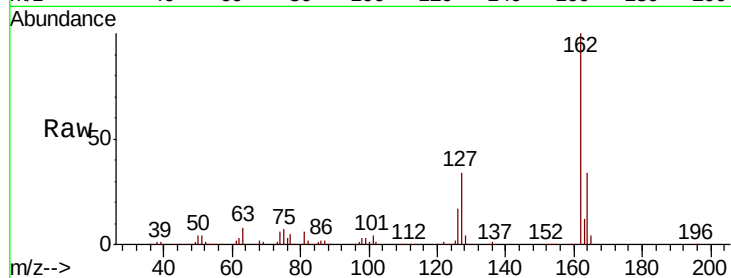
#47
2-Chloronaphthalene
Concen: 41.328 ng
RT: 13.43 min Scan# 1761
Delta R.T. -0.01 min
Lab File: BG046530.D
Acq: 4 Sep 2020 00:14

Instrument :
BNA_G
ClientSampleId :
9-2-TP-1MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	555192		
127	34.2	27.6	41.4	
164	33.5	27.3	40.9	

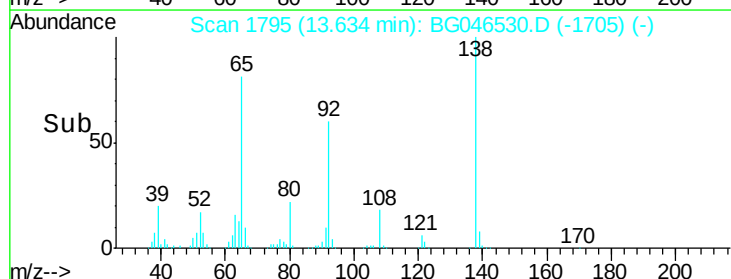
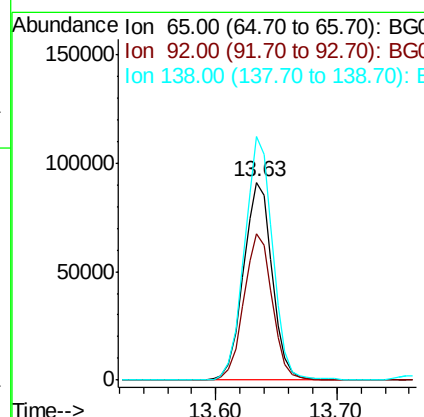
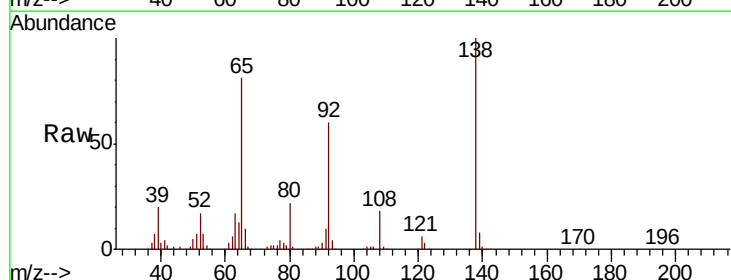
Manual Integrations
APPROVED

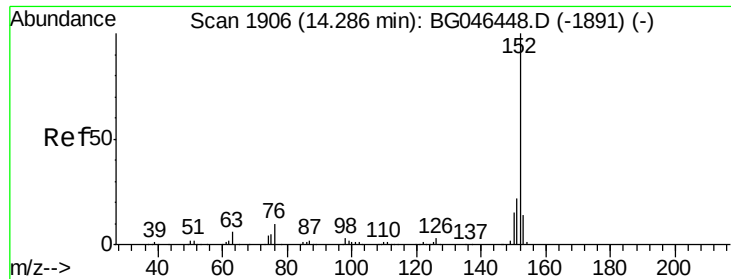
mohammad
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#48
2-Nitroaniline
Concen: 40.530 ng
RT: 13.63 min Scan# 1795
Delta R.T. -0.00 min
Lab File: BG046530.D
Acq: 4 Sep 2020 00:14

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	151185		
92	74.0	58.5	87.7	
138	122.9	98.4	147.6	





#49

Acenaphthylene

Concen: 42.233 ng

RT: 14.29 min Scan# 1906

Delta R.T. -0.00 min

Lab File: BG046530.D

Acq: 4 Sep 2020 00:14

Instrument :

BNA_G

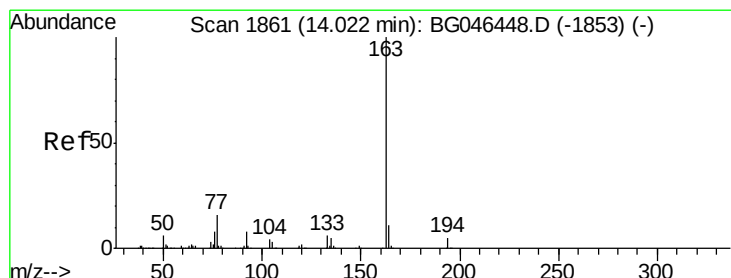
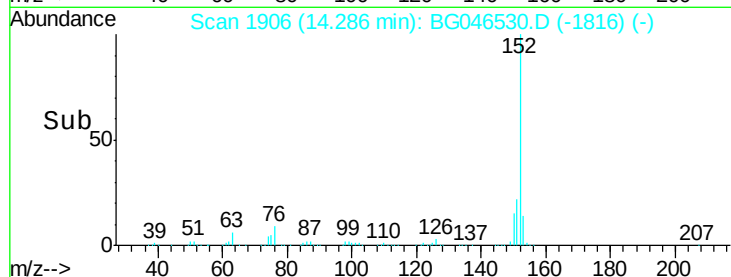
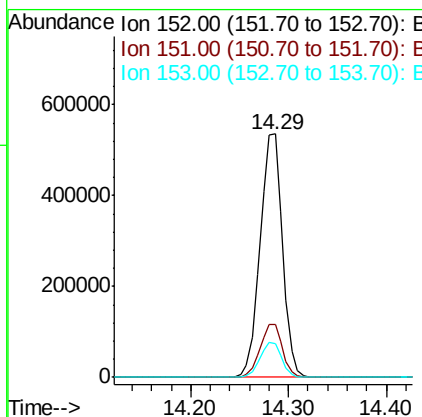
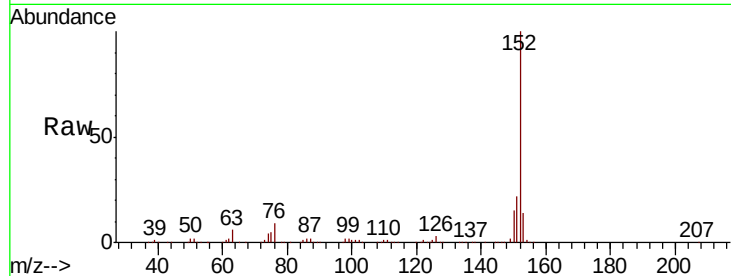
ClientSampleId :

9-2-TP-1MS

Tot Ion:	152	Resp:	860610
Ion Ratio	Lower	Upper	
152	100		
151	21.8	17.7	26.5
153	14.0	11.2	16.8

Manual Integrations
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#50

Dimethylphthalate

Concen: 44.305 ng

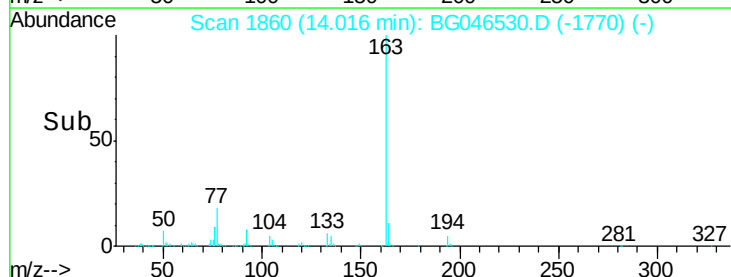
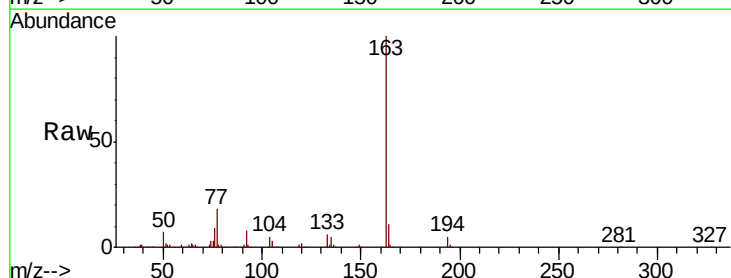
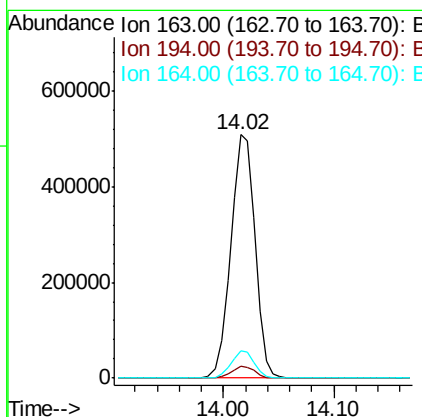
RT: 14.02 min Scan# 1860

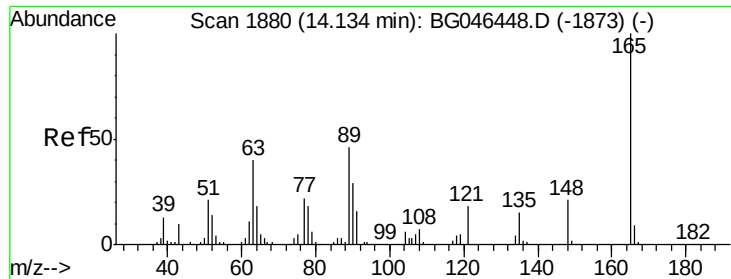
Delta R.T. -0.00 min

Lab File: BG046530.D

Acq: 4 Sep 2020 00:14

Tgt Ion:	163	Resp:	780575
Ion Ratio	Lower	Upper	
163	100		
194	4.7	3.7	5.5
164	11.2	8.6	12.8





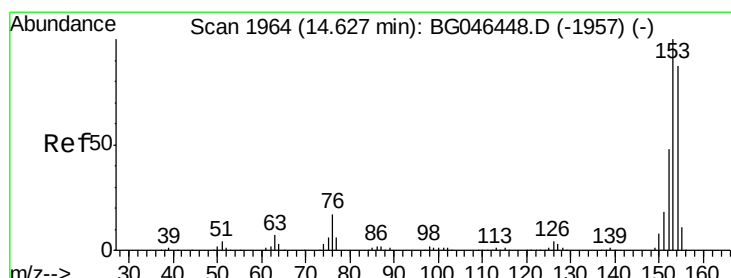
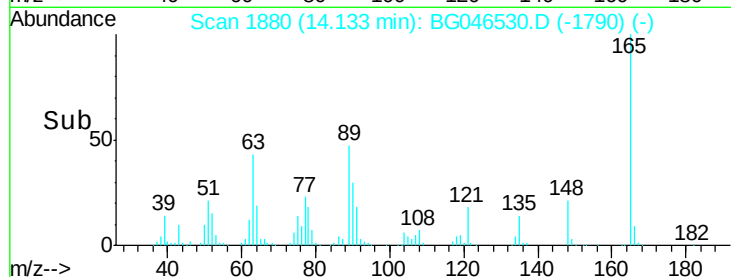
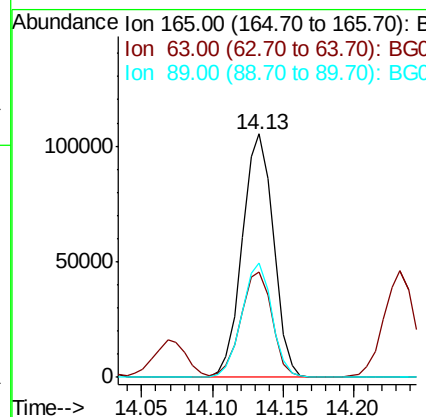
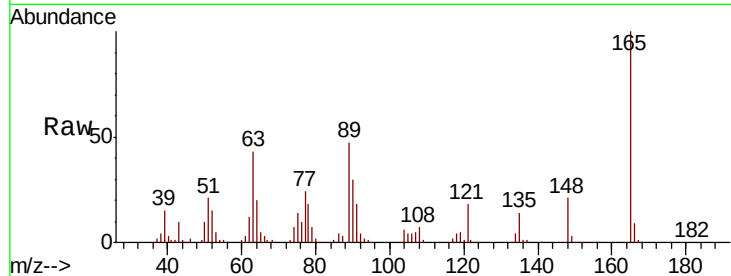
#51
 2,6-Dinitrotoluene
 Concen: 41.839 ng
 RT: 14.13 min Scan# 1880
 Delta R.T. -0.00 min
 Lab File: BG046530.D
 Acq: 4 Sep 2020 00:14

Instrument :
 BNA_G
 ClientSampleId :
 9-2-TP-1MS

Tot Ion	Ratio	Lower	Upper
165	100		
63	43.5	34.2	51.4
89	46.8	37.0	55.4

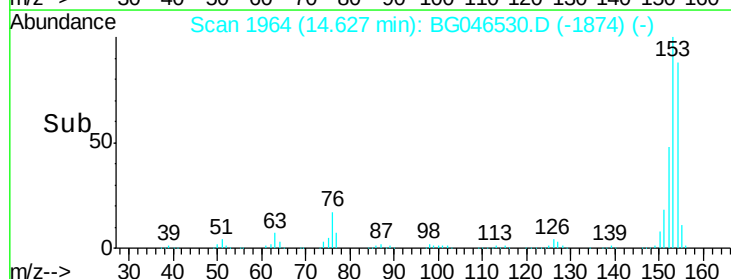
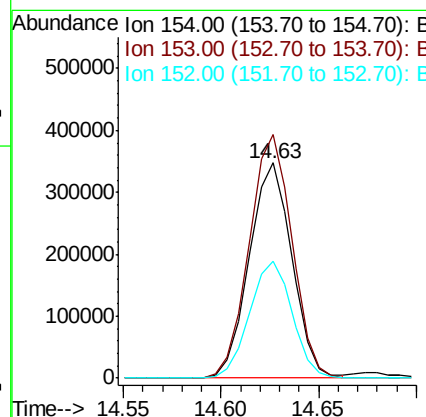
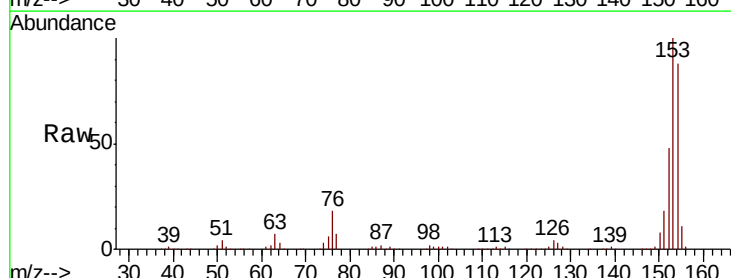
Manual Integrations
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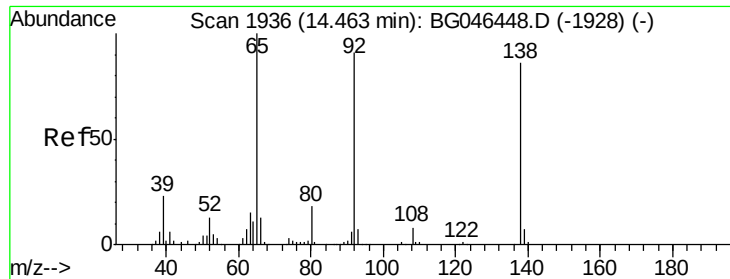
mohammad
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#52
 Acenaphthene
 Concen: 41.704 ng
 RT: 14.63 min Scan# 1964
 Delta R.T. -0.00 min
 Lab File: BG046530.D
 Acq: 4 Sep 2020 00:14

Tgt Ion	Ratio	Lower	Upper
154	100		
153	113.3	91.9	137.9
152	54.6	43.8	65.6





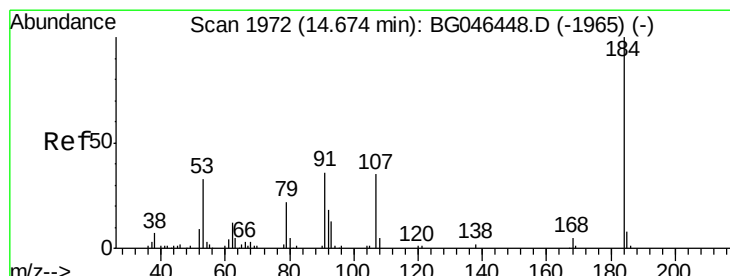
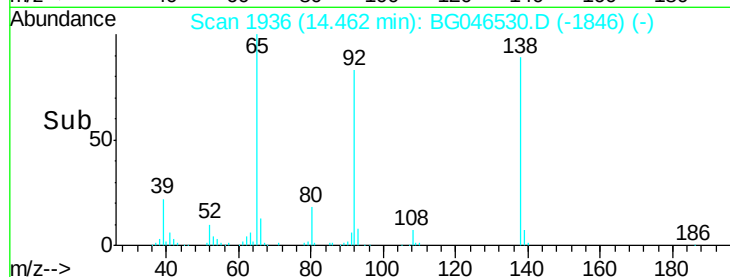
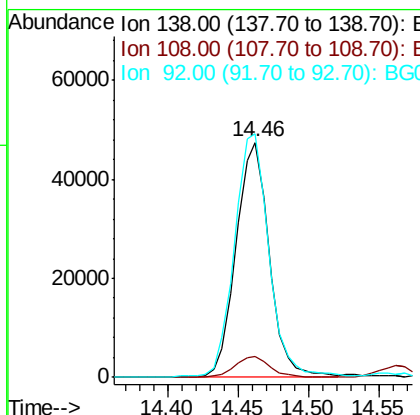
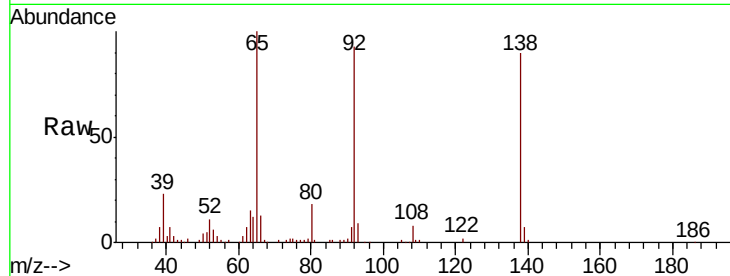
#53
3-Nitroaniline
Concen: 18.600 ng
RT: 14.46 min Scan# 1936
Delta R.T. -0.00 min
Lab File: BG046530.D
Acq: 4 Sep 2020 00:14

Instrument :
BNA_G
ClientSampleId :
9-2-TP-1MS

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.0	7.0	10.6
92	103.6	84.6	127.0

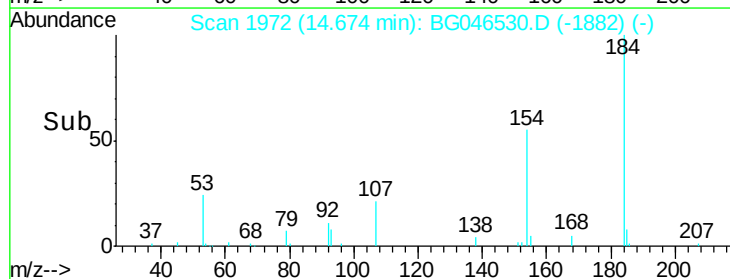
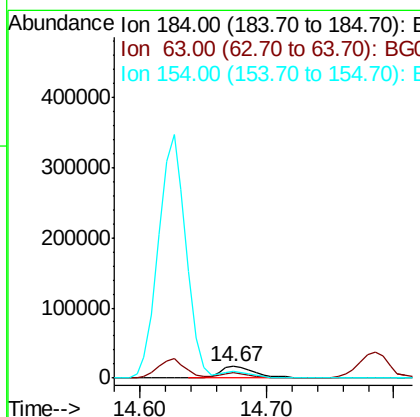
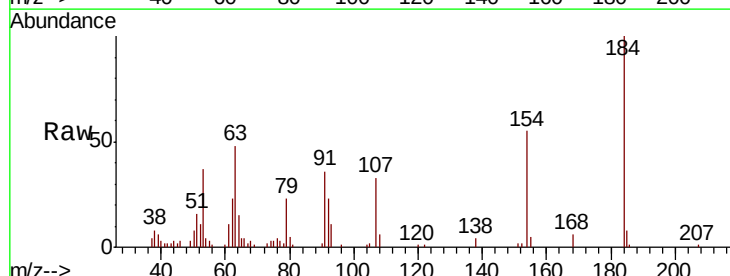
Manual Integrations
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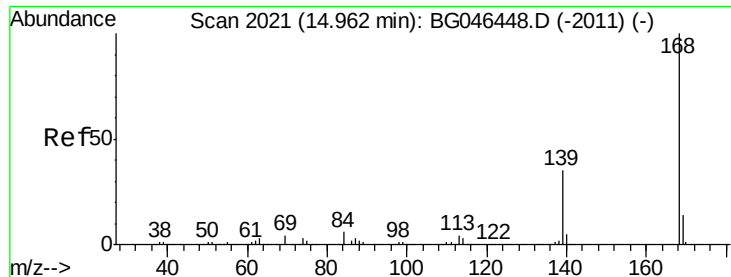
mohammad
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#54
2,4-Dinitrophenol
Concen: 14.623 ng
RT: 14.67 min Scan# 1972
Delta R.T. -0.00 min
Lab File: BG046530.D
Acq: 4 Sep 2020 00:14

Tgt Ion	Ratio	Lower	Upper
184	100		
63	48.0	35.6	53.4
154	55.2	44.3	66.5





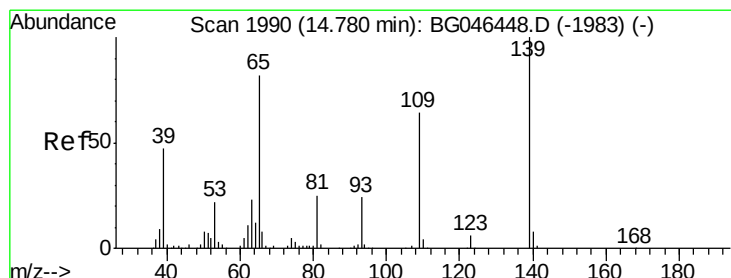
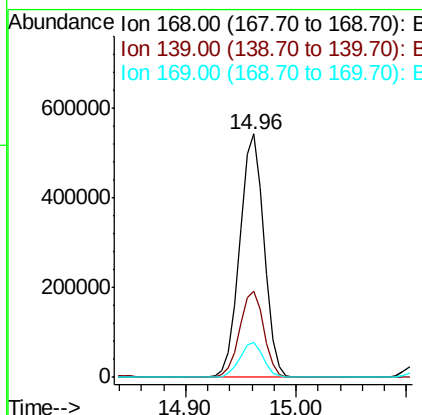
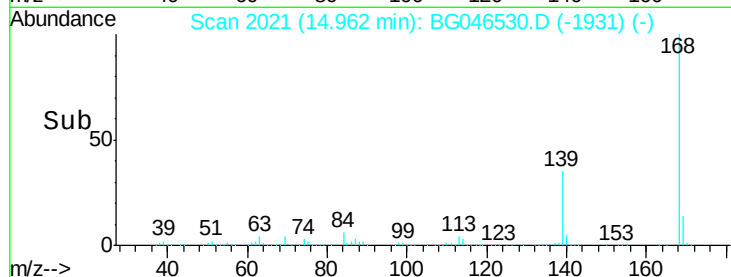
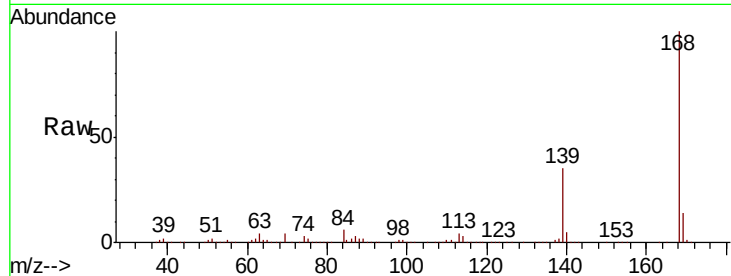
#55
Dibenzenofuran
Concen: 41.442 ng
RT: 14.96 min Scan# 2021
Delta R.T. -0.00 min
Lab File: BG046530.D
Acq: 4 Sep 2020 00:14

Instrument :
BNA_G
ClientSampleId :
9-2-TP-1MS

Tot Ion:	168	Resp:	839839
Ion Ratio	Lower	Upper	
168	100		
139	35.5	28.1	42.1
169	14.4	11.5	17.3

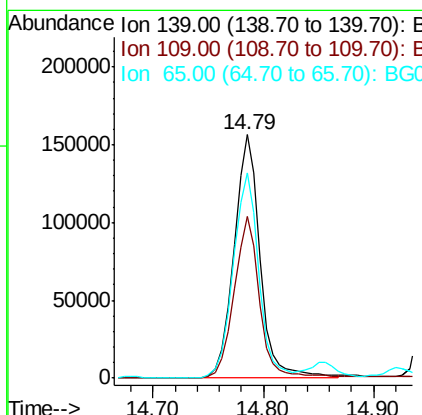
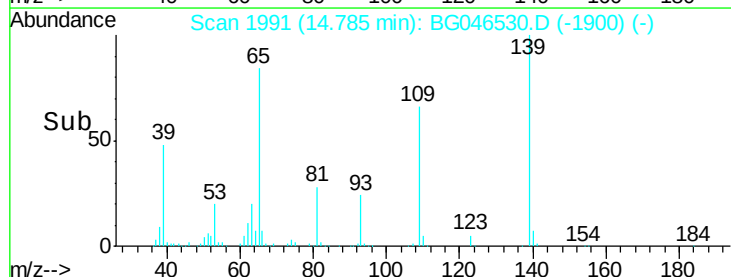
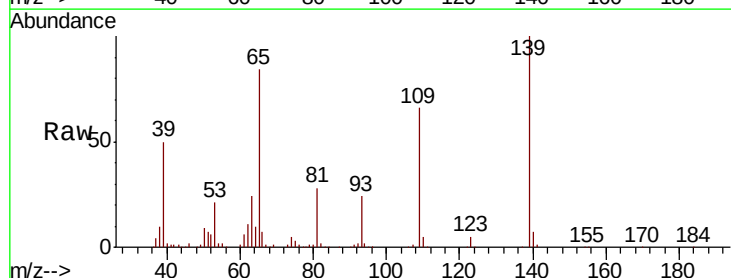
Manual Integrations
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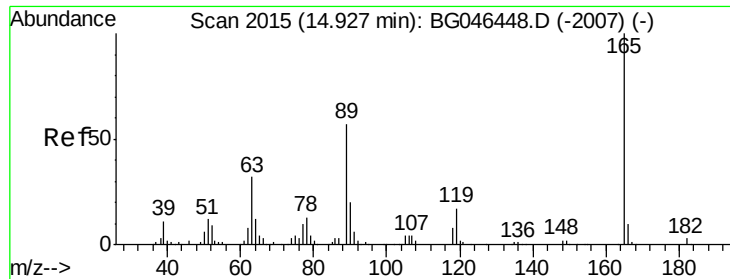
mohammad
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#56
4-Nitrophenol
Concen: 83.914 ng
RT: 14.79 min Scan# 1991
Delta R.T. 0.01 min
Lab File: BG046530.D
Acq: 4 Sep 2020 00:14

Tgt Ion:	139	Resp:	259802
Ion Ratio	Lower	Upper	
139	100		
109	66.4	44.3	84.3
65	84.5	61.5	101.5





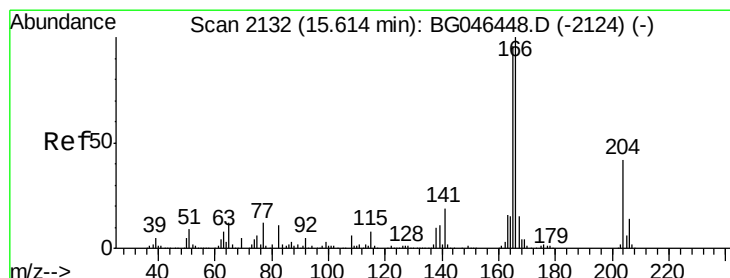
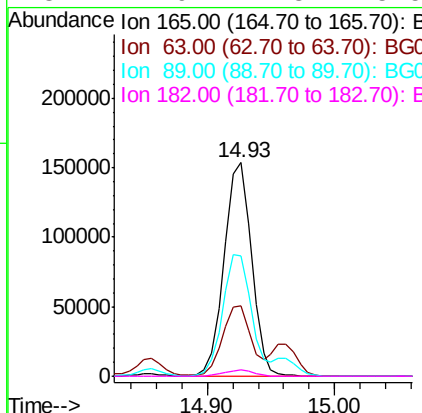
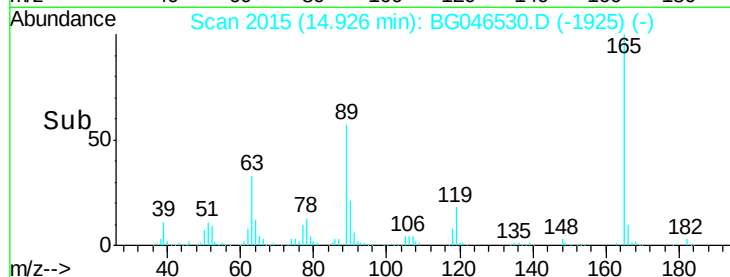
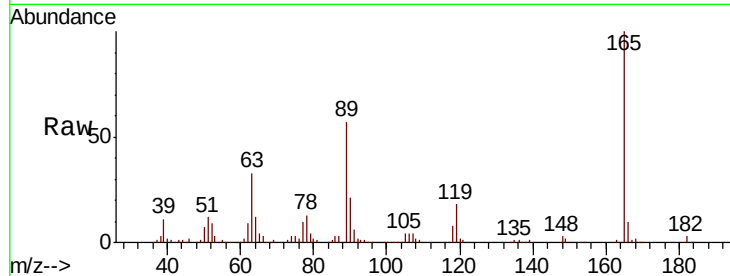
#57
2,4-Dinitrotoluene
Concen: 41.570 ng
RT: 14.93 min Scan# 2015
Delta R.T. -0.00 min
Lab File: BG046530.D
Acq: 4 Sep 2020 00:14

Instrument :
BNA_G
ClientSampleId :
9-2-TP-1MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		230202		
63	32.7	25.4	38.0		
89	56.6	45.9	68.9		
182	2.9	2.3	3.5		

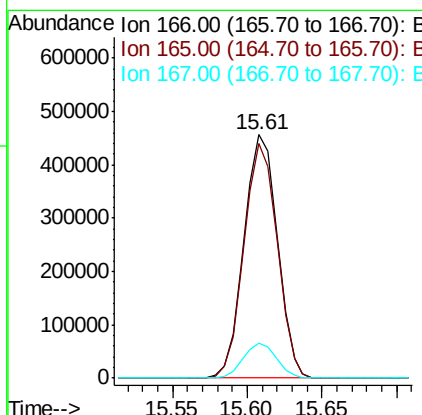
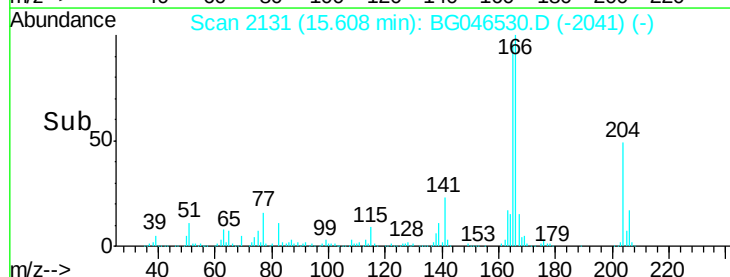
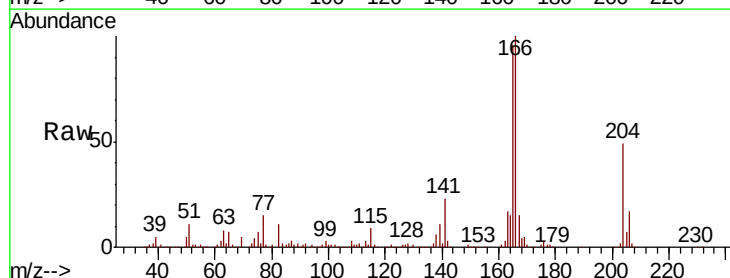
Manual Integrations
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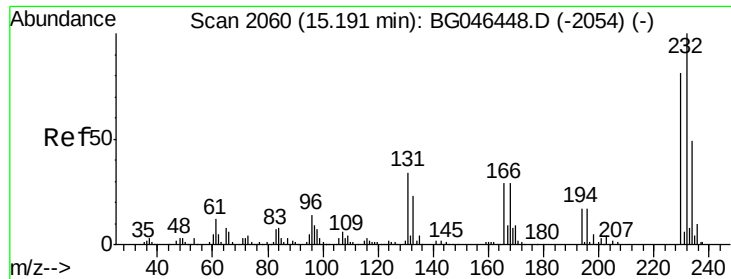
mohammad
9/4/2020 1:55:06 PM



#58
Fluorene
Concen: 41.671 ng
RT: 15.61 min Scan# 2131
Delta R.T. -0.00 min
Lab File: BG046530.D
Acq: 4 Sep 2020 00:14

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		708783		
165	96.2	77.0	115.4		
167	14.6	11.8	17.6		





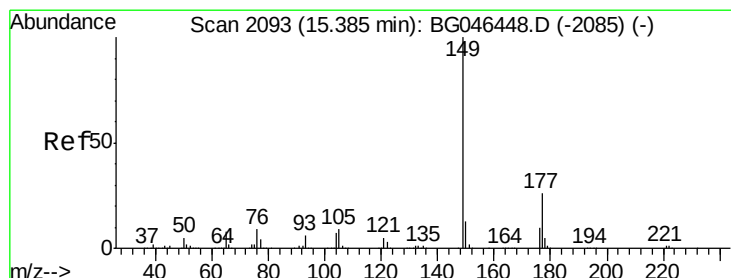
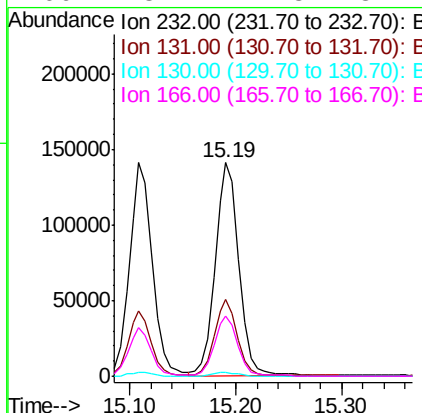
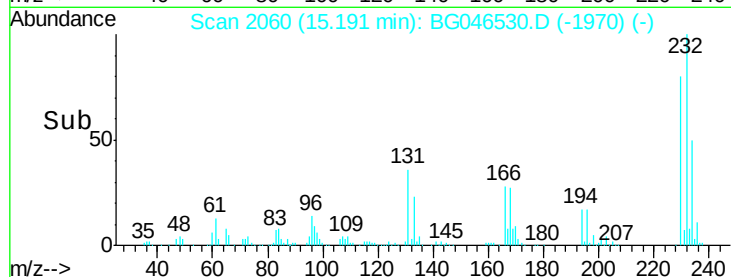
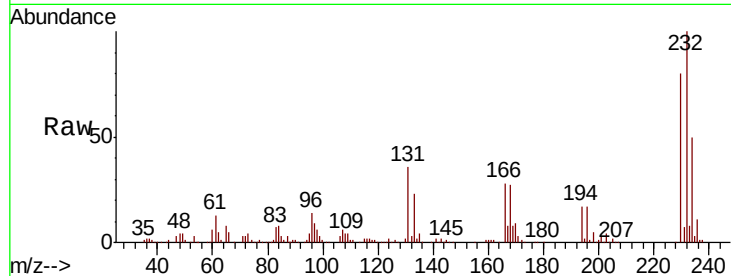
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 42.523 ng
 RT: 15.19 min Scan# 2060
 Delta R.T. -0.00 min
 Lab File: BG046530.D
 Acq: 4 Sep 2020 00:14

Instrument :
 BNA_G
 ClientSampleId :
 9-2-TP-1MS

Tot Ion	Ratio	Lower	Upper
232	100		
131	34.9	26.8	40.2
130	1.8	1.4	2.2
166	28.1	22.8	34.2

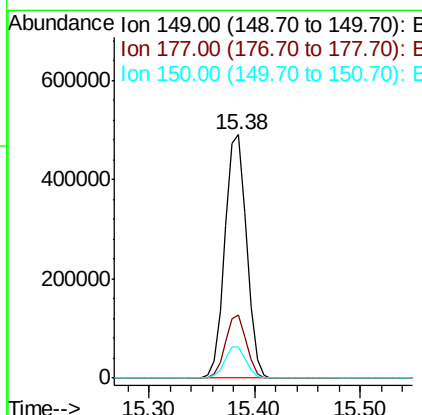
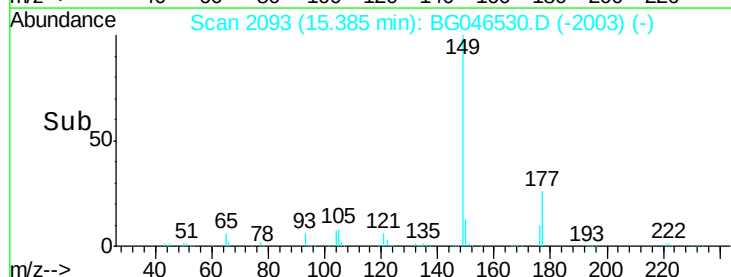
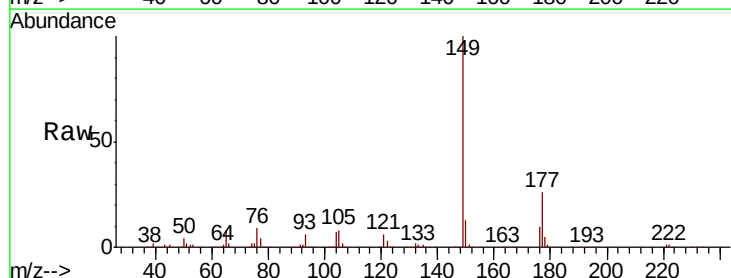
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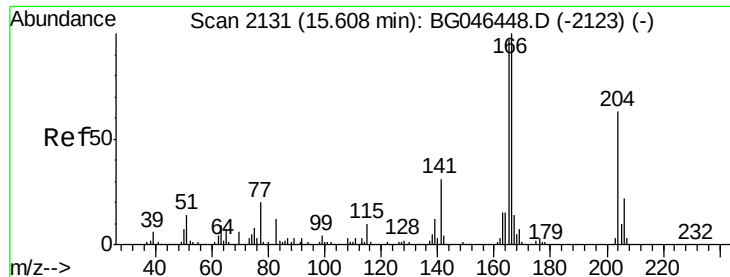
mohammad
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#60
 Diethylphthalate
 Concen: 40.456 ng
 RT: 15.38 min Scan# 2093
 Delta R.T. -0.00 min
 Lab File: BG046530.D
 Acq: 4 Sep 2020 00:14

Tgt Ion	Ratio	Lower	Upper
149	100		
177	26.1	20.6	30.8
150	12.9	10.3	15.5





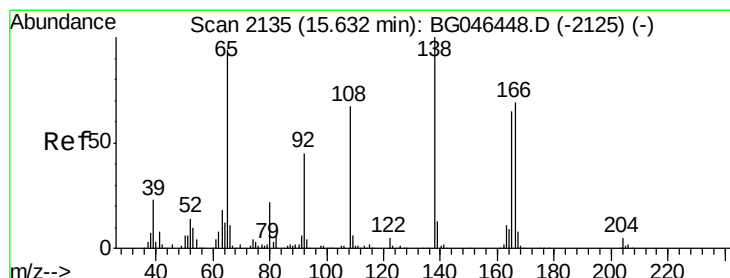
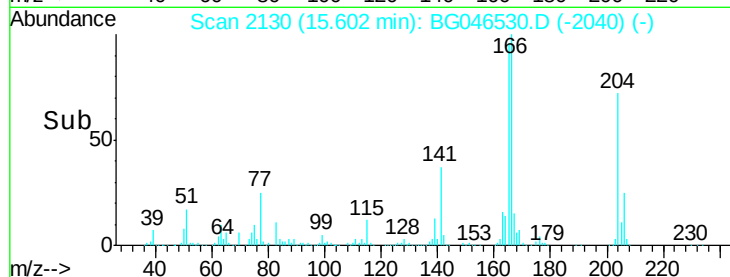
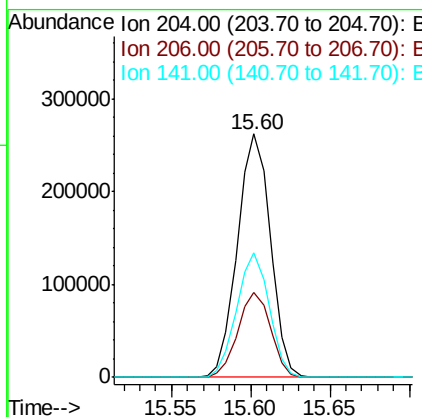
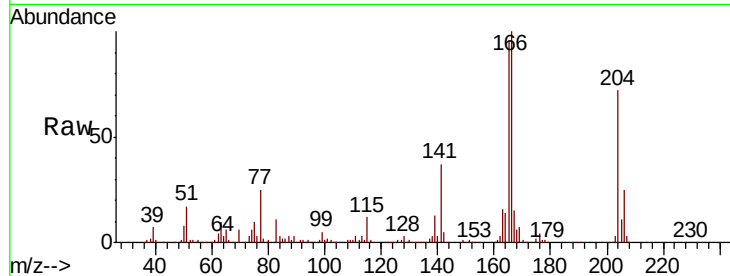
#61
4-Chlorophenyl-phenylether
Concen: 40.495 ng
RT: 15.60 min Scan# 2130
Delta R.T. -0.00 min
Lab File: BG046530.D
Acq: 4 Sep 2020 00:14

Instrument :
BNA_G
ClientSampleId :
9-2-TP-1MS

Tot Ion	Ratio	Lower	Upper
204	100		
206	34.7	27.7	41.5
141	51.1	38.7	58.1

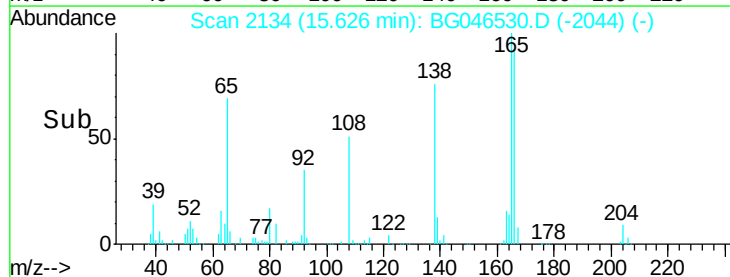
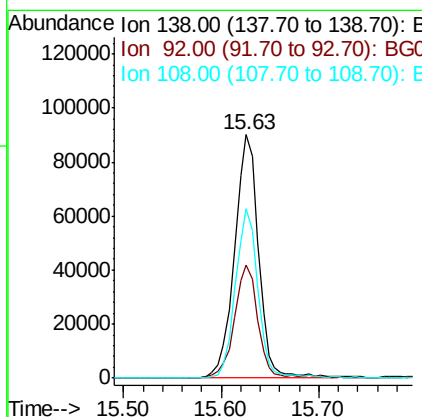
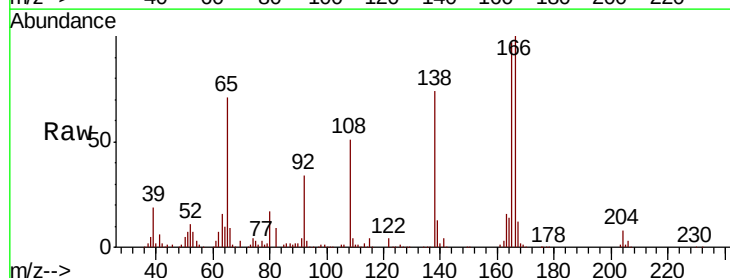
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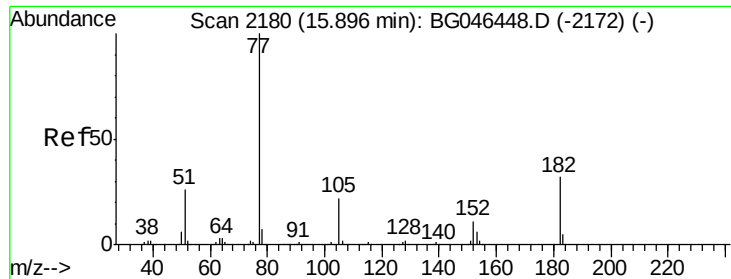
mohammad
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#62
4-Nitroaniline
Concen: 34.797 ng
RT: 15.63 min Scan# 2134
Delta R.T. -0.00 min
Lab File: BG046530.D
Acq: 4 Sep 2020 00:14

Tgt Ion	Ratio	Lower	Upper
138	100		
92	46.2	25.3	65.3
108	69.6	46.7	86.7





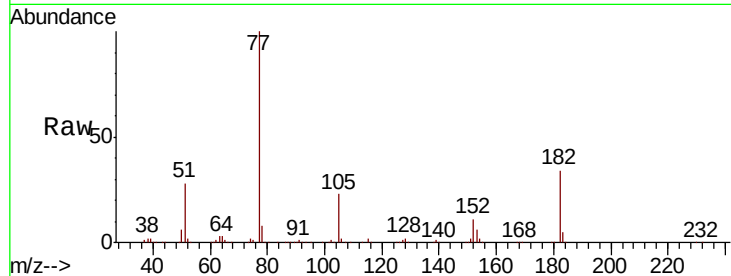
#63
Azobenzene
Concen: 42.119 ng
RT: 15.90 min Scan# 2180
Delta R.T. -0.00 min
Lab File: BG046530.D
Acq: 4 Sep 2020 00:14

Instrument :
BNA_G
ClientSampleId :
9-2-TP-1MS

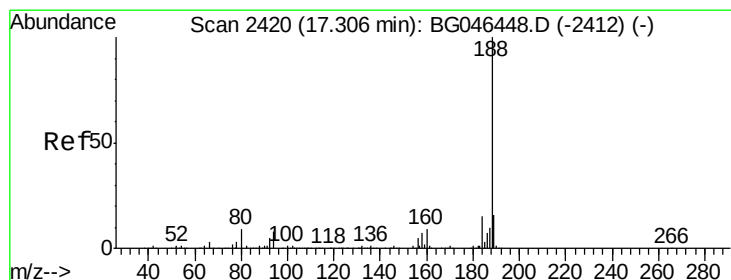
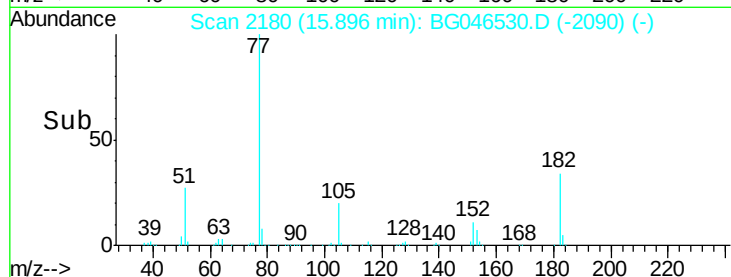
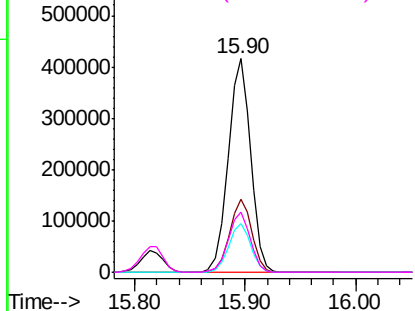
Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	34.0	12.3	52.3	
105	23.0	2.3	42.3	
51	28.0	6.5	46.5	

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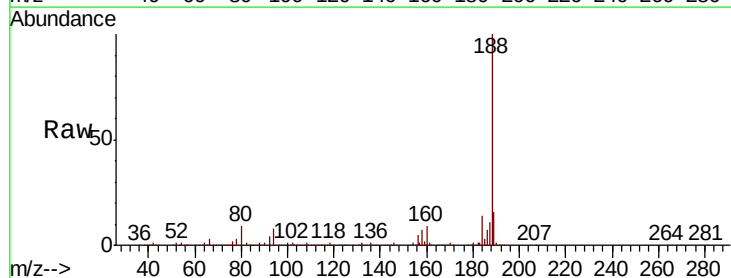


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

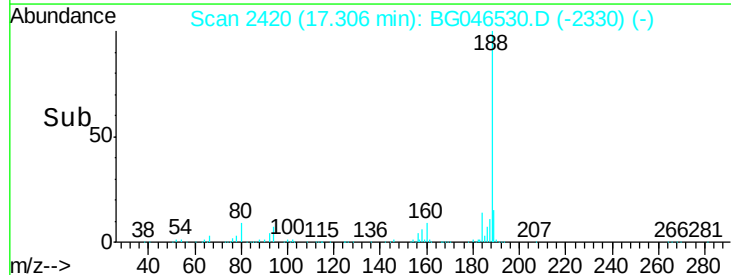
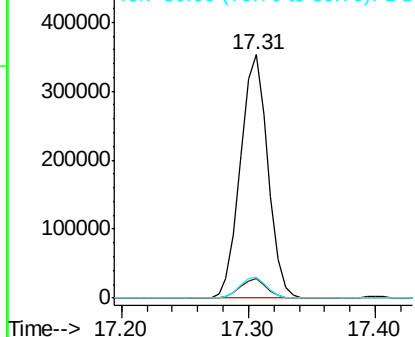


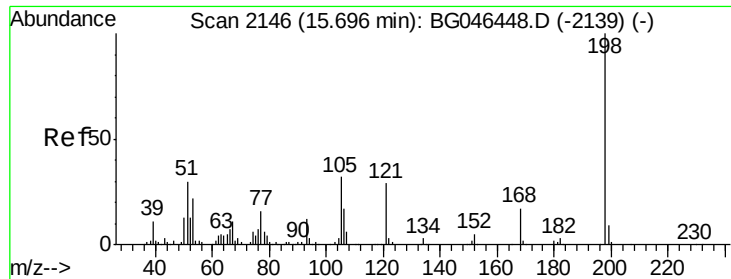
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.31 min Scan# 2420
Delta R.T. -0.00 min
Lab File: BG046530.D
Acq: 4 Sep 2020 00:14

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	8.1	6.3	9.5	
80	8.8	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: 16.657 ng

RT: 15.69 min Scan# 2145

Delta R.T. -0.00 min

Lab File: BG046530.D

Acq: 4 Sep 2020 00:14

Instrument :

BNA_G

ClientSampleId :

9-2-TP-1MS

Tot Ion:198 Resp: 49836

Ion Ratio Lower Upper

198 100

51 32.3 10.4 50.4

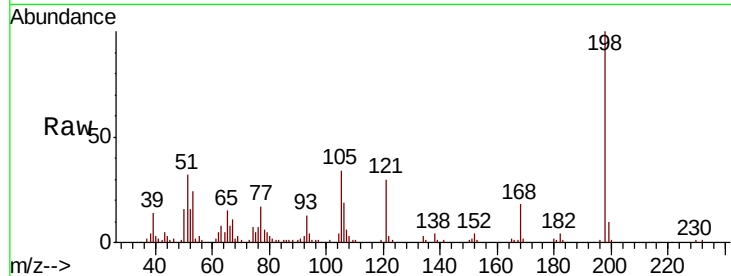
105 34.3 12.4 52.4

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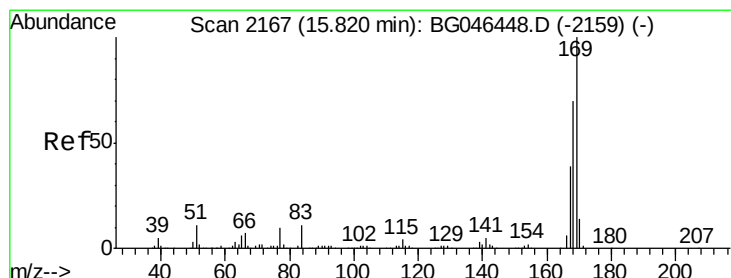
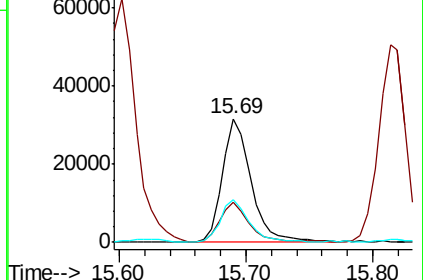
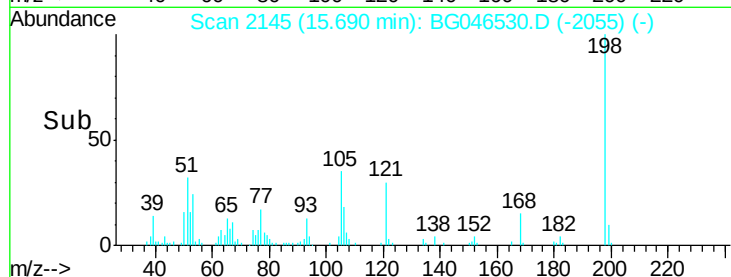
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 44.475 ng

RT: 15.82 min Scan# 2167

Delta R.T. 0.01 min

Lab File: BG046530.D

Acq: 4 Sep 2020 00:14

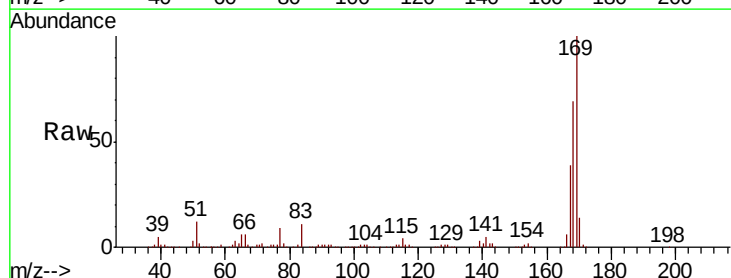
Tgt Ion:169 Resp: 634227

Ion Ratio Lower Upper

169 100

168 69.5 55.8 83.8

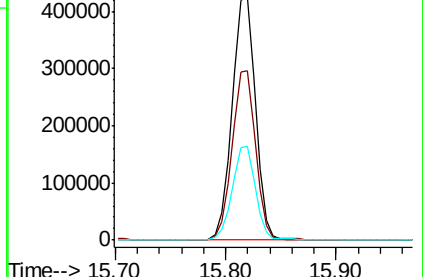
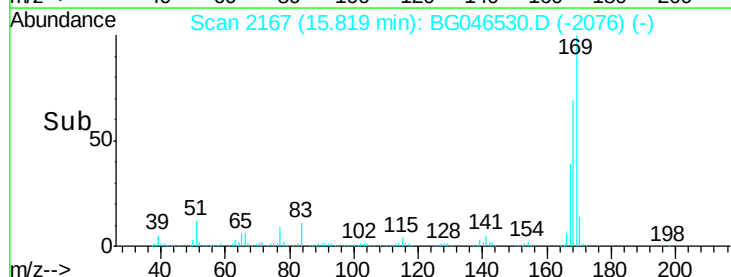
167 38.6 31.0 46.6

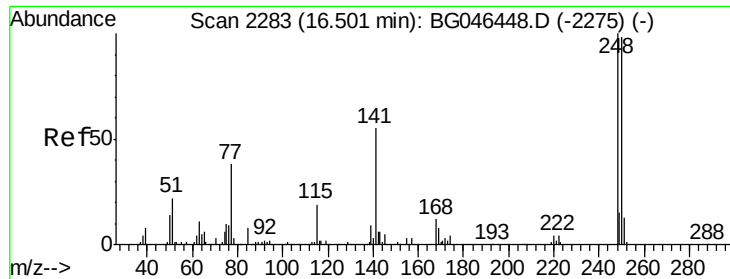


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





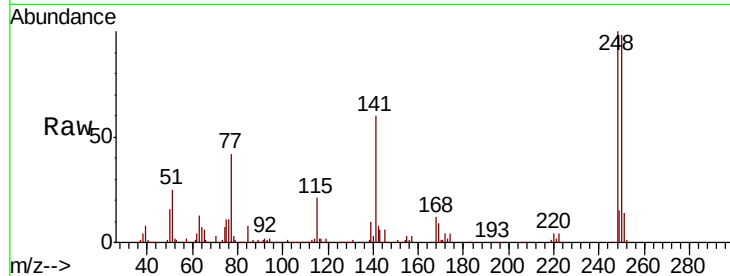
#67
4-Bromophenyl-phenylether
Concen: 42.452 ng
RT: 16.50 min Scan# 2282
Delta R.T. -0.00 min
Lab File: BG046530.D
Acq: 4 Sep 2020 00:14

Instrument :
BNA_G
ClientSampleId :
9-2-TP-1MS

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.7	78.6	118.0
141	60.1	43.9	65.9

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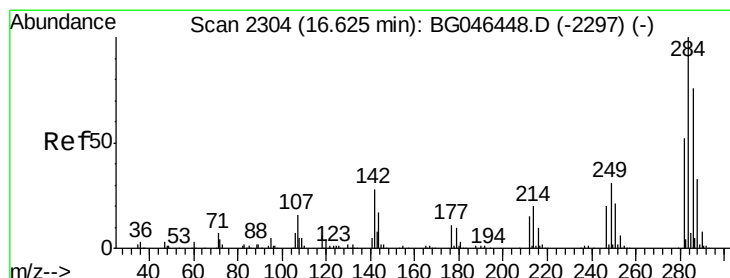
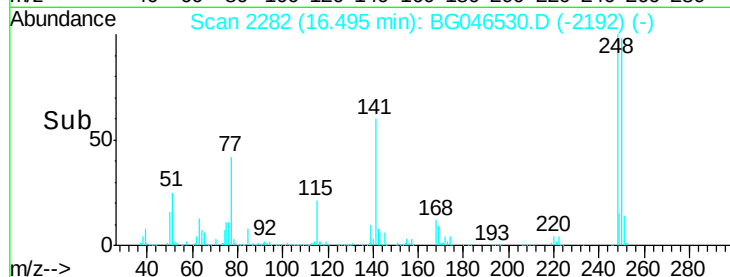
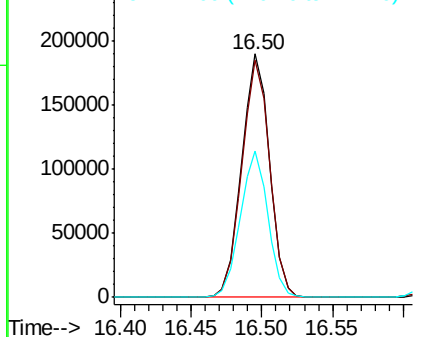


Abundance

Ion 248.00 (247.70 to 248.70): E

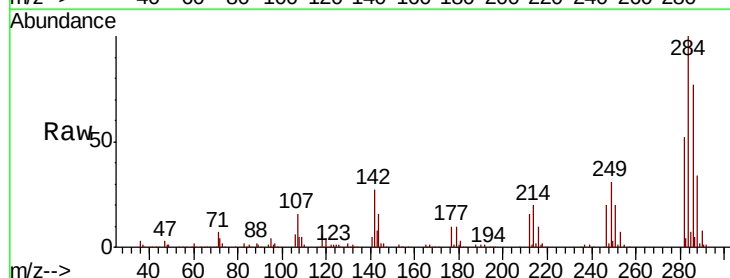
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 41.392 ng
RT: 16.62 min Scan# 2304
Delta R.T. -0.00 min
Lab File: BG046530.D
Acq: 4 Sep 2020 00:14

Tgt Ion	Ratio	Lower	Upper
284	100		
142	27.0	22.3	33.5
249	31.3	24.8	37.2

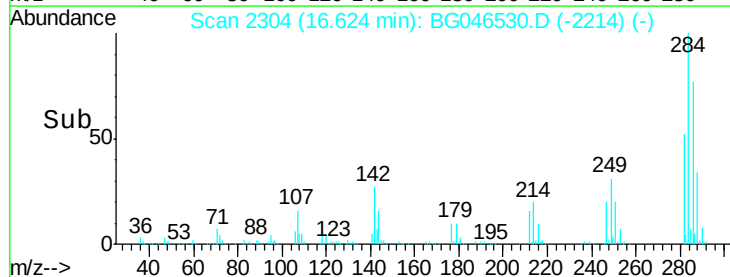
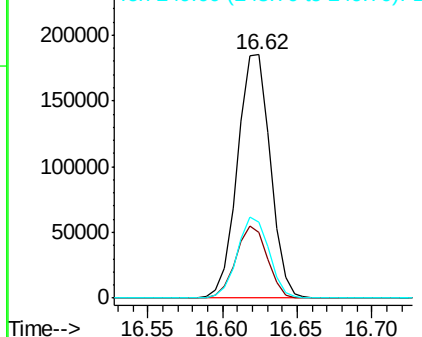


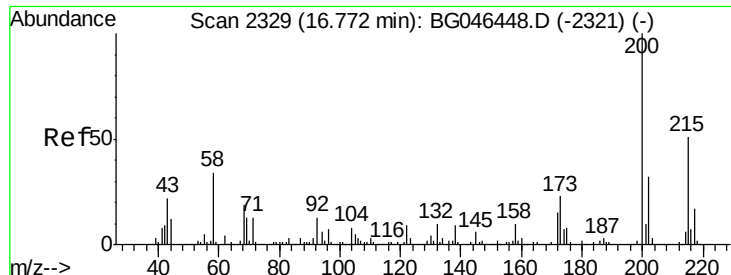
Abundance

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: 34.553 ng

RT: 16.77 min Scan# 2328

Delta R.T. -0.00 min

Lab File: BG046530.D

Acq: 4 Sep 2020 00:14

Instrument :

BNA_G

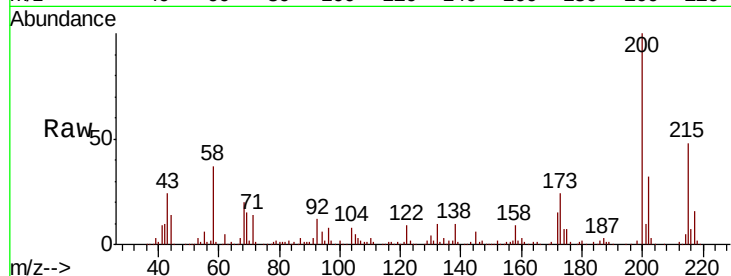
ClientSampleId :

9-2-TP-1MS

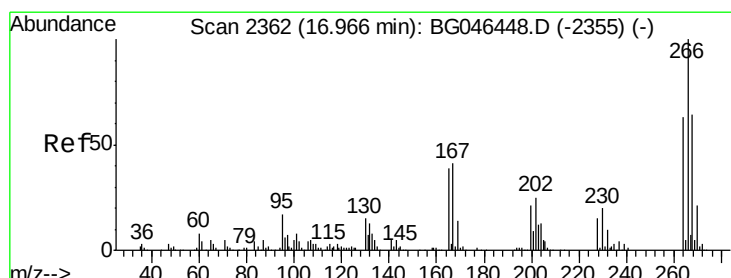
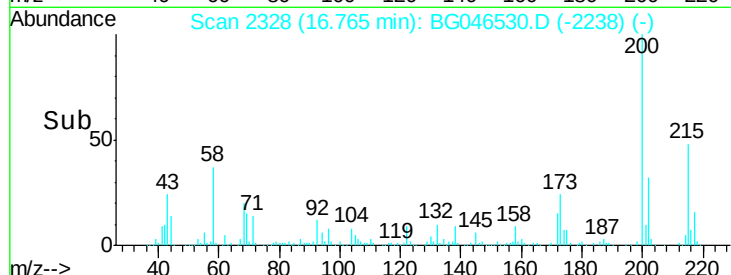
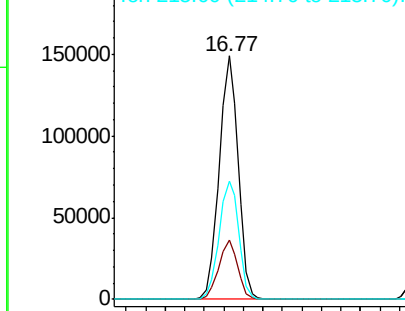
Tot Ion:	200	Resp:	201016
Ion Ratio	Lower	Upper	
200	100		
173	24.5	3.3	43.3
215	48.4	30.9	70.9

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Abundance Ion 200.00 (199.70 to 200.70): E
200000 Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 54.952 ng

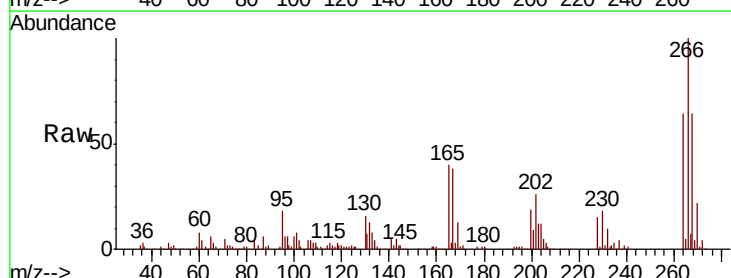
RT: 16.97 min Scan# 2362

Delta R.T. -0.00 min

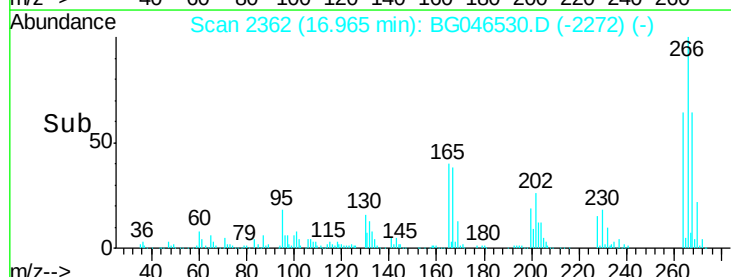
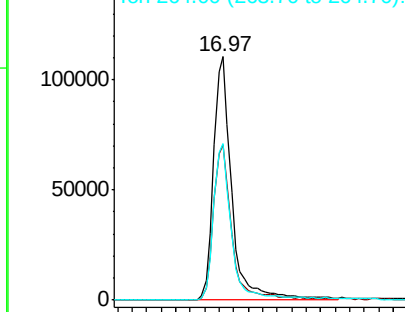
Lab File: BG046530.D

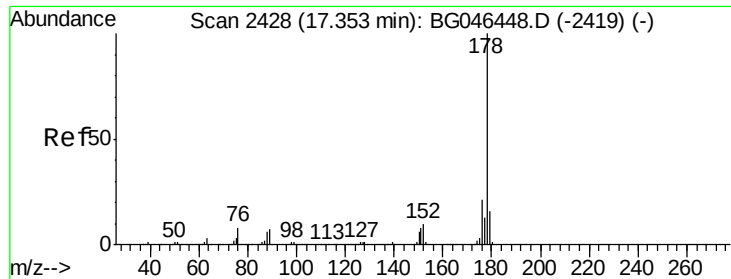
Acq: 4 Sep 2020 00:14

Tgt Ion:	266	Resp:	196093
Ion Ratio	Lower	Upper	
266	100		
268	63.9	51.1	76.7
264	64.3	50.2	75.2



Abundance Ion 265.70 (265.40 to 266.40): E
150000 Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E





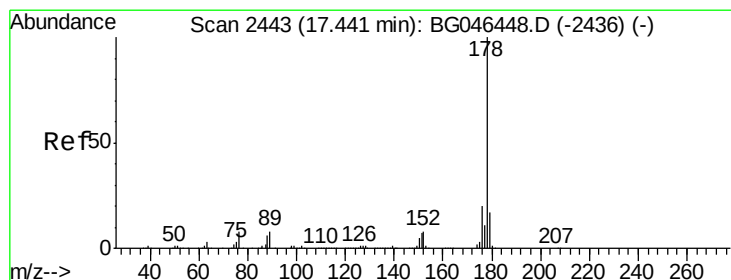
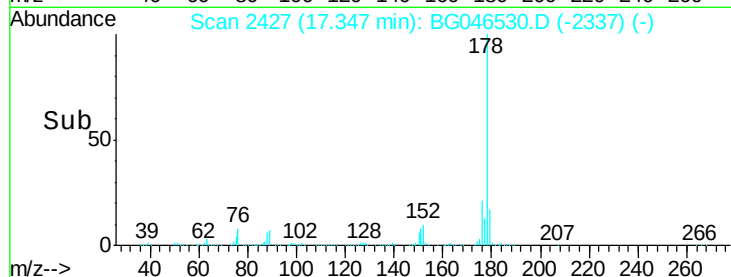
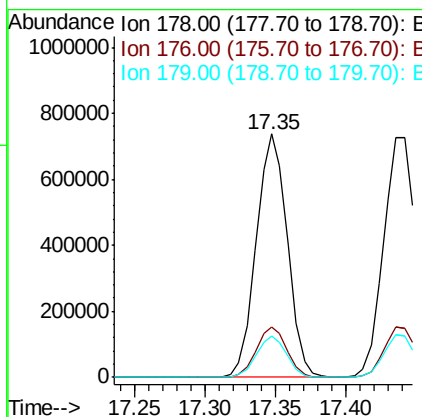
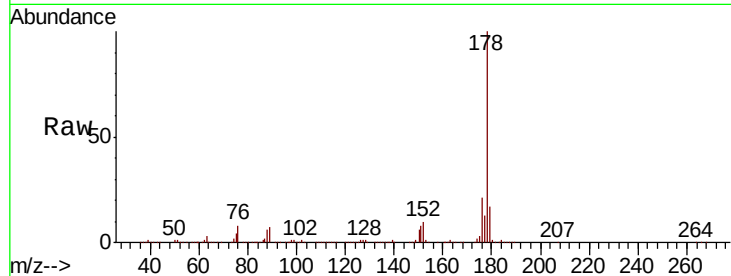
#71
Phenanthrene
Concen: 42.521 ng
RT: 17.35 min Scan# 2427
Delta R.T. -0.00 min
Lab File: BG046530.D
Acq: 4 Sep 2020 00:14

Instrument :
BNA_G
ClientSampleId :
9-2-TP-1MS

Tot Ion:178 Resp: 1139251
Ion Ratio Lower Upper
178 100
176 20.9 16.8 25.2
179 16.8 13.2 19.8

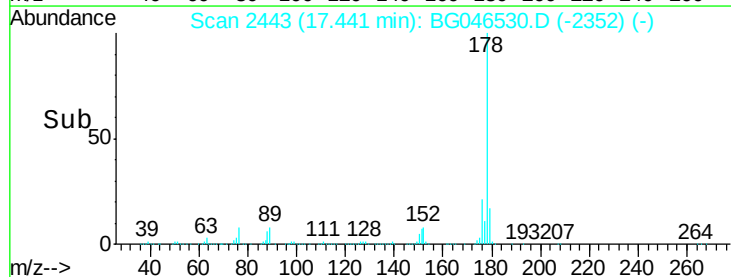
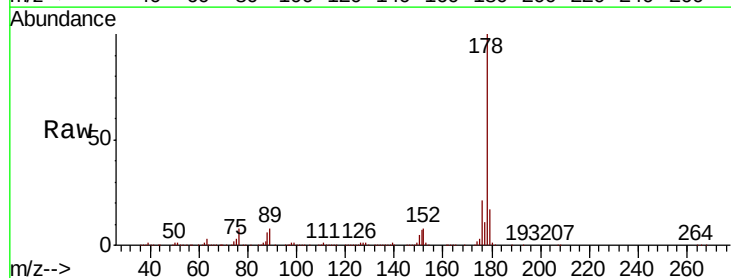
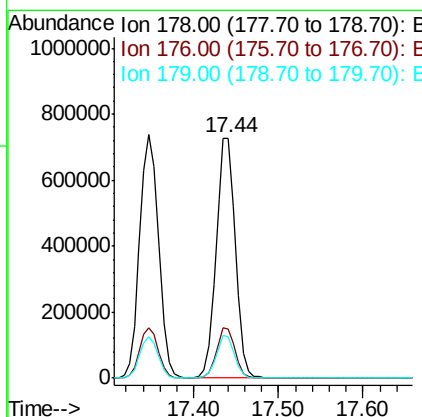
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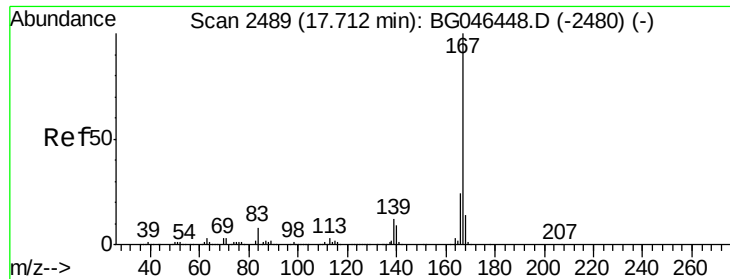
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#72
Anthracene
Concen: 43.976 ng
RT: 17.44 min Scan# 2443
Delta R.T. 0.01 min
Lab File: BG046530.D
Acq: 4 Sep 2020 00:14

Tgt Ion:178 Resp: 1162499
Ion Ratio Lower Upper
178 100
176 20.6 16.1 24.1
179 17.1 13.3 19.9





#73

Carbazole

Concen: 42.168 ng

RT: 17.71 min Scan# 2488

Delta R.T. -0.00 min

Lab File: BG046530.D

Acq: 4 Sep 2020 00:14

Instrument :

BNA_G

ClientSampleId :

9-2-TP-1MS

Tot Ion:167 Resp: 1052447

Ion Ratio Lower Upper

167 100

166 24.5 19.3 28.9

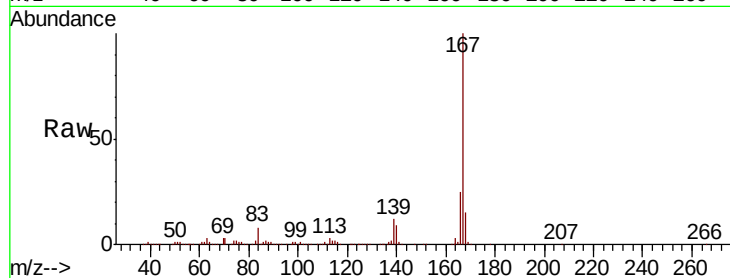
139 12.3 9.7 14.5

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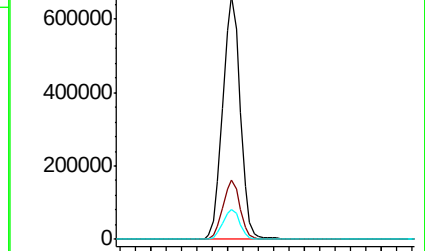
9/4/2020 1:55:06 PM



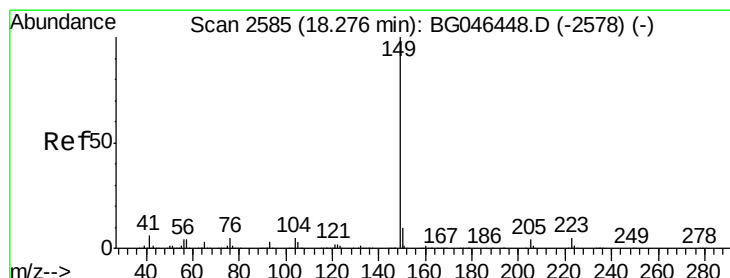
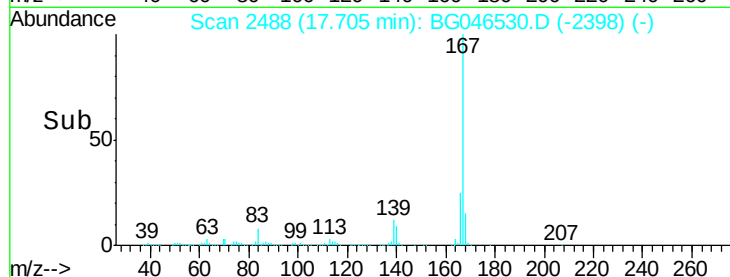
Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



Time-->



#74

Di-n-butylphthalate

Concen: 41.508 ng

RT: 18.27 min Scan# 2584

Delta R.T. -0.00 min

Lab File: BG046530.D

Acq: 4 Sep 2020 00:14

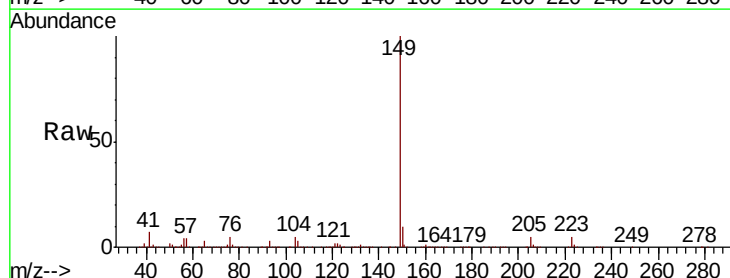
Tgt Ion:149 Resp: 1191282

Ion Ratio Lower Upper

149 100

150 10.3 8.1 12.1

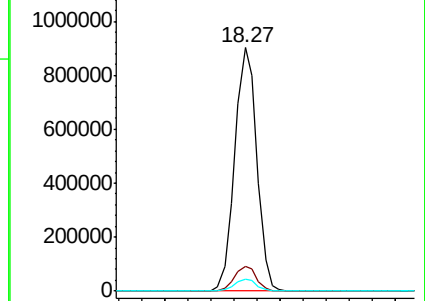
104 5.1 4.0 6.0



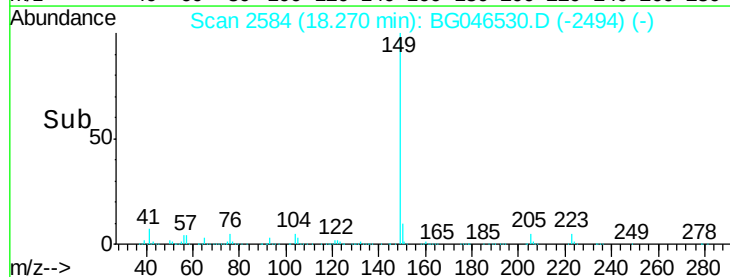
Abundance Ion 149.00 (148.70 to 149.70): E

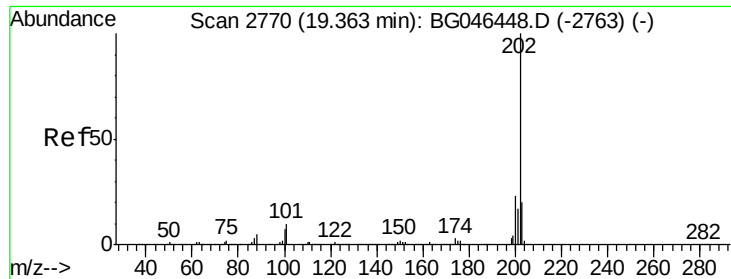
Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



Time-->





#75

Fluoranthene

Concen: 40.880 ng

RT: 19.36 min Scan# 2769

Delta R.T. -0.00 min

Lab File: BG046530.D

Acq: 4 Sep 2020 00:14

Instrument :

BNA_G

ClientSampleId :

9-2-TP-1MS

Tot Ion:202 Resp: 1409538

Ion Ratio Lower Upper

202 100

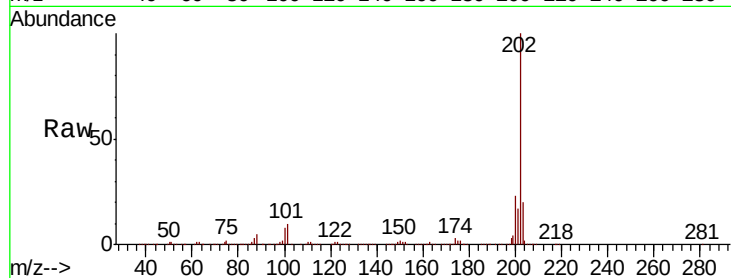
101 10.1 0.0 29.9

203 19.7 0.0 40.0

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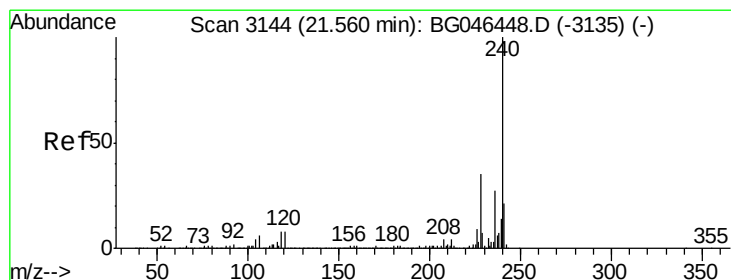
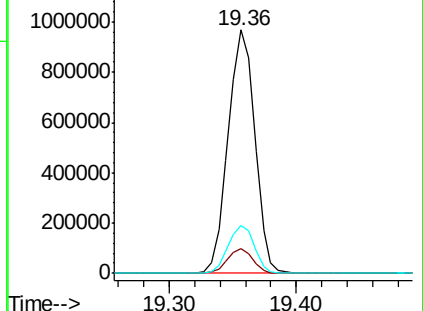
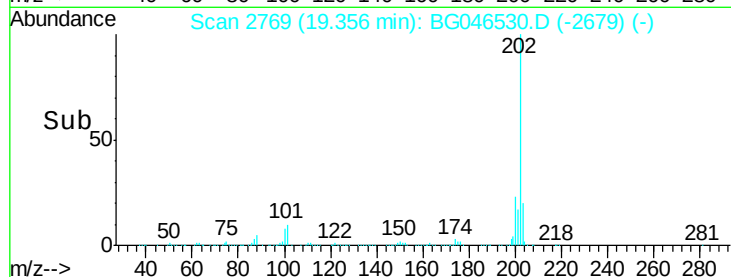
9/4/2020 1:55:06 PM



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.55 min Scan# 3143

Delta R.T. -0.00 min

Lab File: BG046530.D

Acq: 4 Sep 2020 00:14

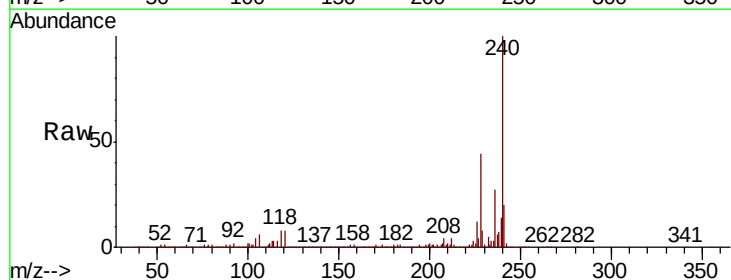
Tgt Ion:240 Resp: 505219

Ion Ratio Lower Upper

240 100

120 8.3 6.6 10.0

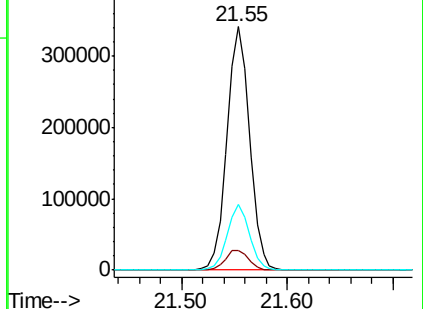
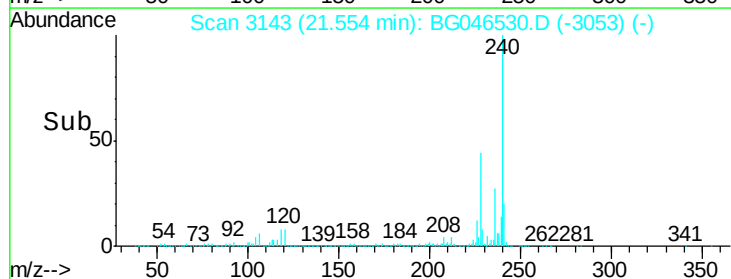
236 27.1 21.4 32.2

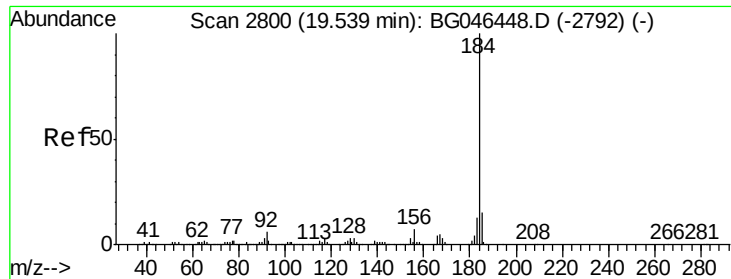


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 33.352 ng

RT: 19.53 min Scan# 2799

Delta R.T. -0.00 min

Lab File: BG046530.D

Acq: 4 Sep 2020 00:14

Instrument :

BNA_G

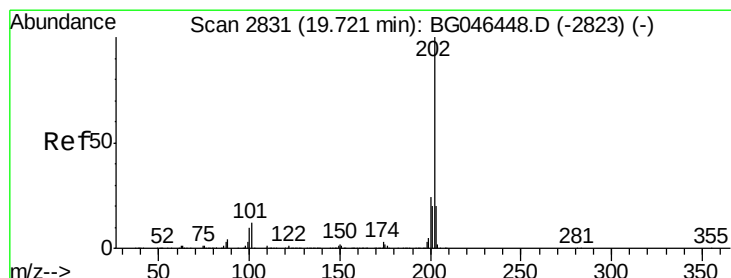
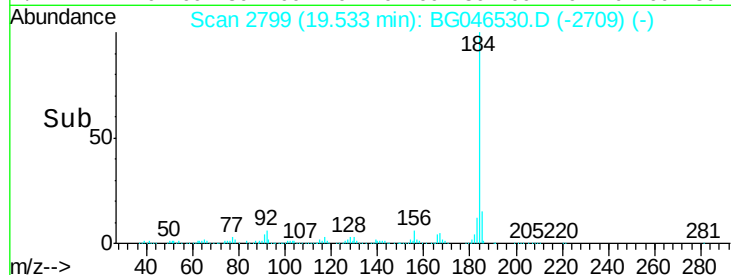
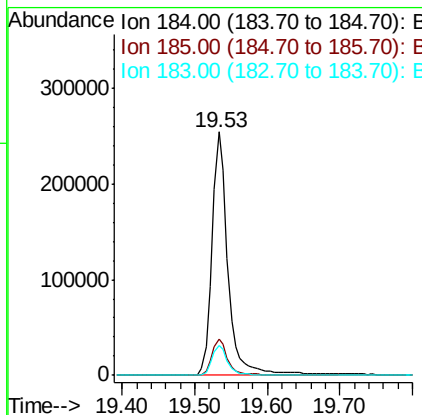
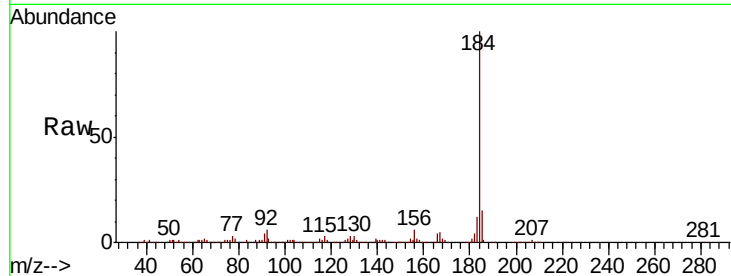
ClientSampleId :

9-2-TP-1MS

Tot Ion:	184	Resp:	391547
Ion Ratio	Lower	Upper	
184	100		
185	14.8	11.8	17.8
183	12.4	10.7	16.1

Manual Integrations
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mohammad
9/4/2020 1:55:06 PM



#78

Pyrene

Concen: 43.692 ng

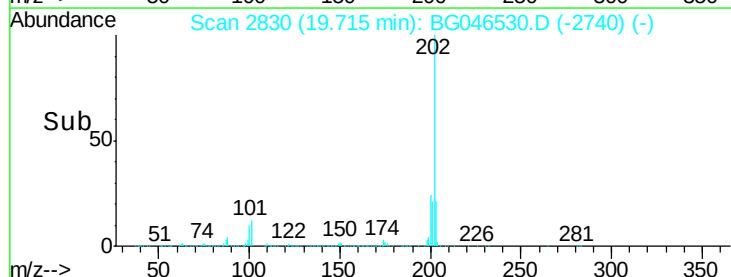
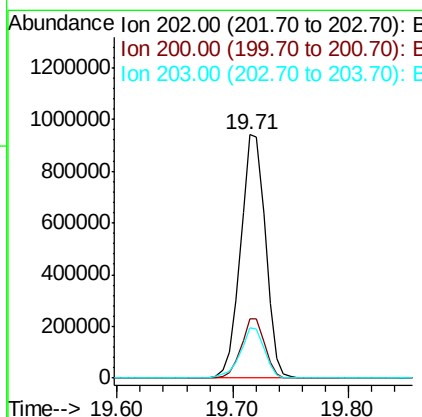
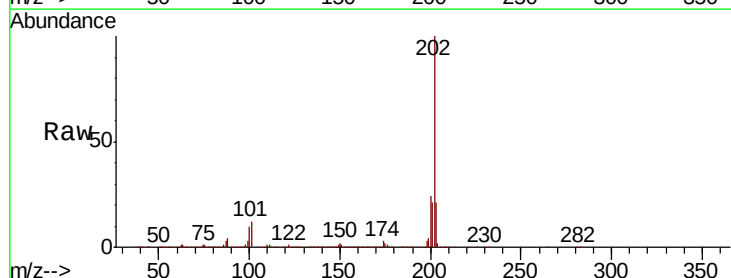
RT: 19.71 min Scan# 2830

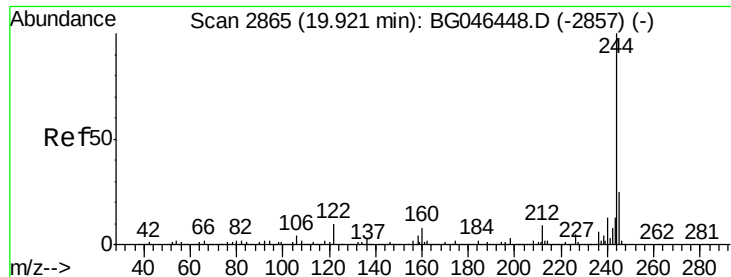
Delta R.T. -0.00 min

Lab File: BG046530.D

Acq: 4 Sep 2020 00:14

Tgt Ion:	202	Resp:	1405665
Ion Ratio	Lower	Upper	
202	100		
200	24.3	18.9	28.3
203	20.6	16.1	24.1





#79

Terphenyl-d14

Concen: 56.277 ng

RT: 19.92 min Scan# 2865

Delta R.T. -0.00 min

Lab File: BG046530.D

Acq: 4 Sep 2020 00:14

Instrument :

BNA_G

ClientSampleId :

9-2-TP-1MS

Tot Ion:244 Resp: 1335977

Ion Ratio Lower Upper

244 100

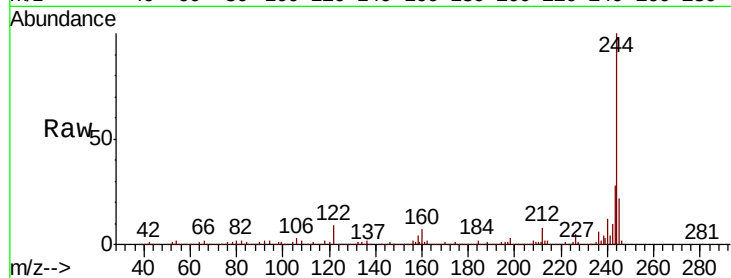
212 8.0 6.9 10.3

122 9.2 8.2 12.4

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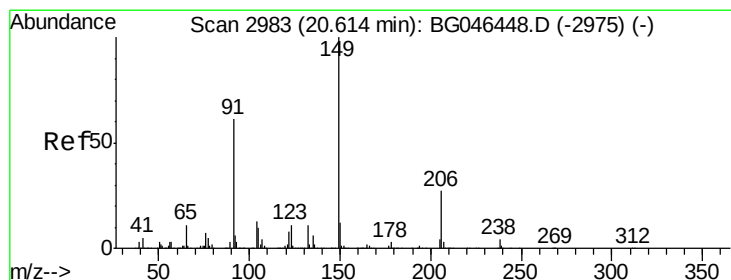
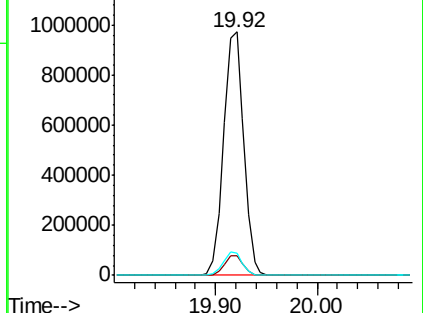
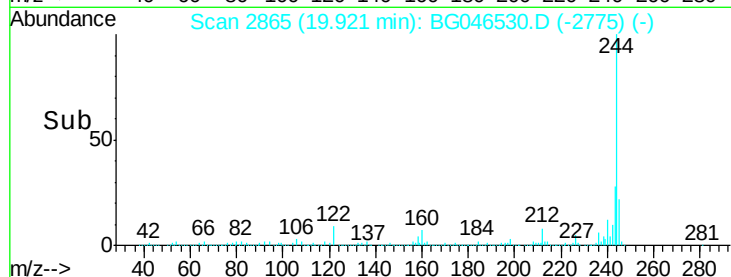
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 43.287 ng

RT: 20.61 min Scan# 2982

Delta R.T. -0.00 min

Lab File: BG046530.D

Acq: 4 Sep 2020 00:14

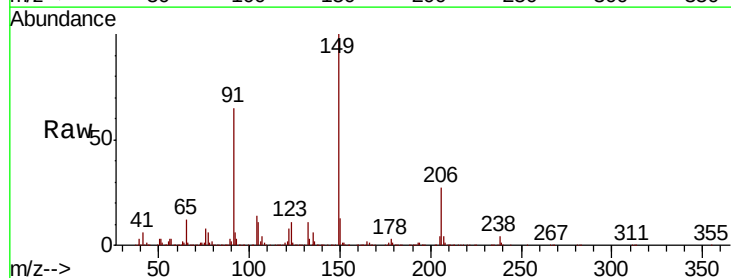
Tgt Ion:149 Resp: 543196

Ion Ratio Lower Upper

149 100

91 65.2 49.1 73.7

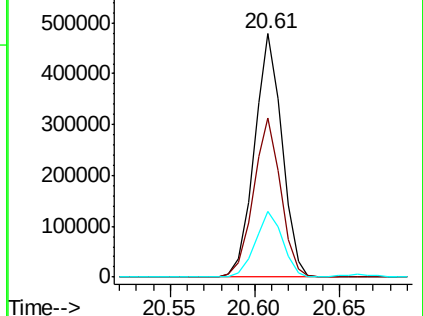
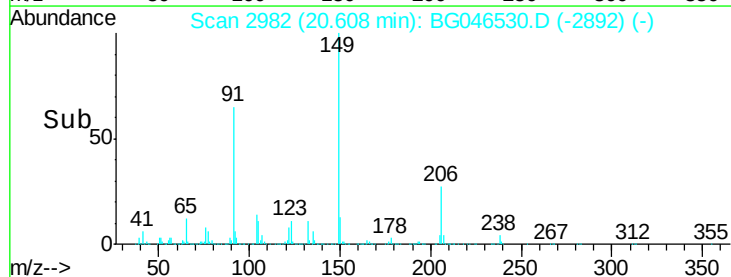
206 26.9 21.9 32.9

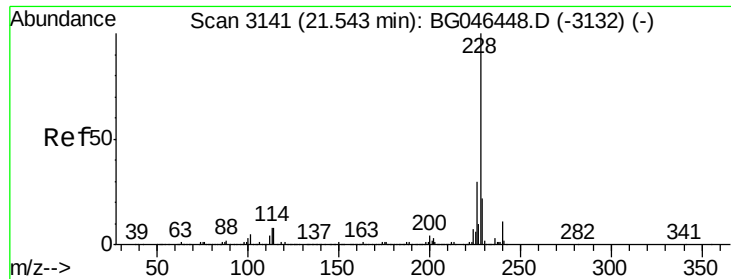


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





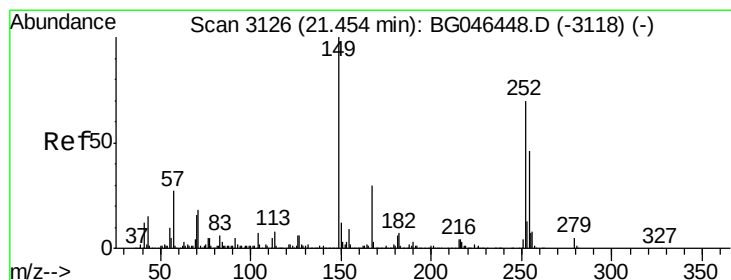
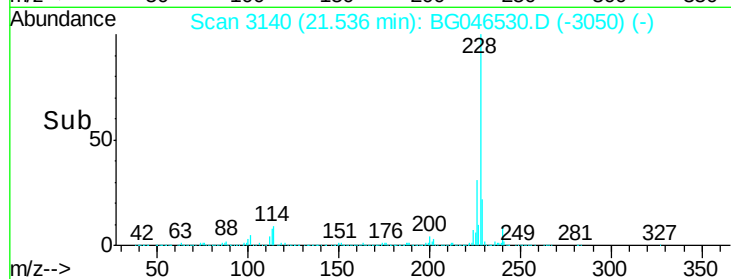
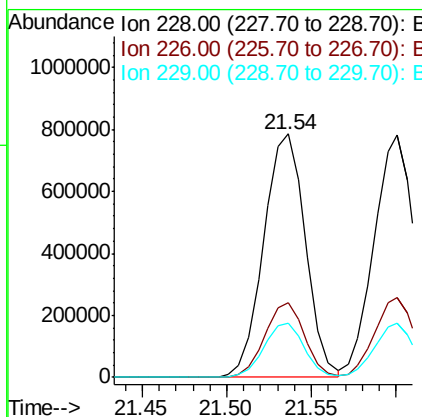
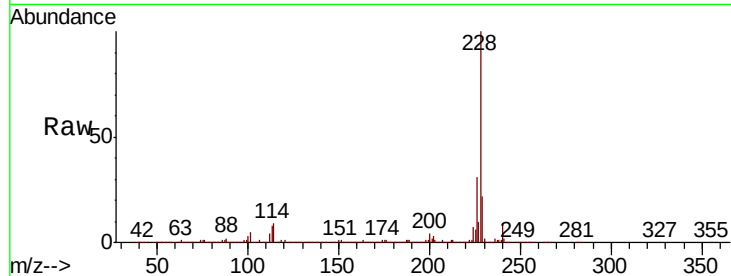
#81
Benzo(a)anthracene
Concen: 42.674 ng
RT: 21.54 min Scan# 3140
Delta R.T. -0.00 min
Lab File: BG046530.D
Acq: 4 Sep 2020 00:14

Instrument :
BNA_G
ClientSampleId :
9-2-TP-1MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.2	36.4
229	22.4	17.4	26.2

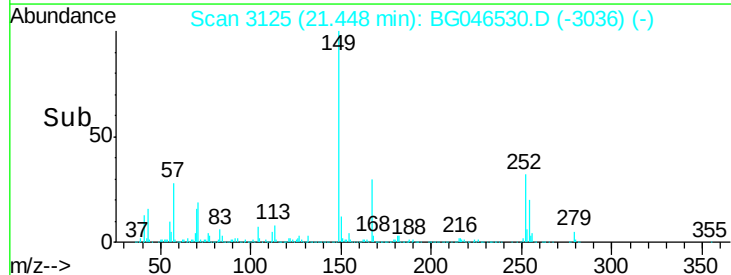
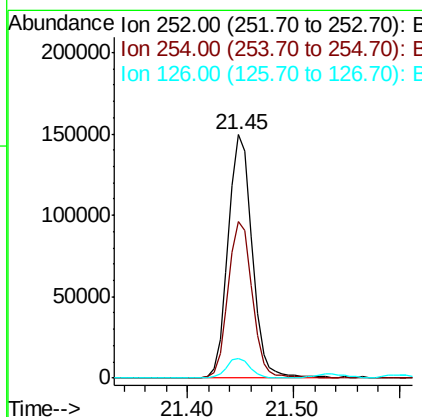
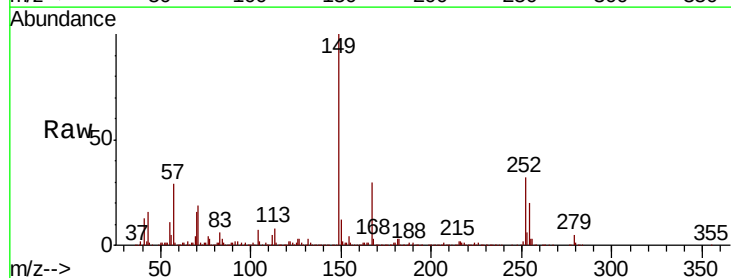
Manual Integrations
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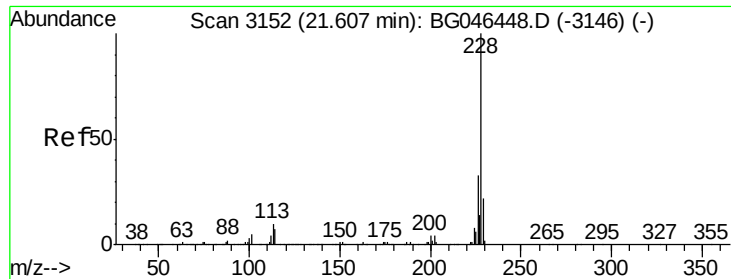
mohammad
9/4/2020 1:55:06 PM



#82
3,3'-Dichlorobenzidine
Concen: 20.096 ng
RT: 21.45 min Scan# 3125
Delta R.T. -0.01 min
Lab File: BG046530.D
Acq: 4 Sep 2020 00:14

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.4	51.9	77.9
126	7.9	7.4	11.0





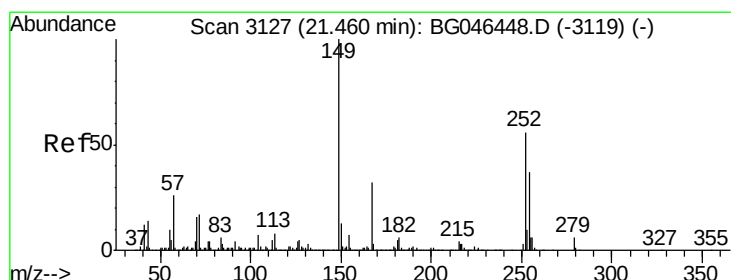
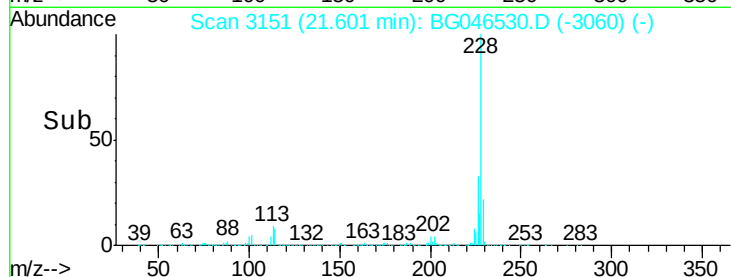
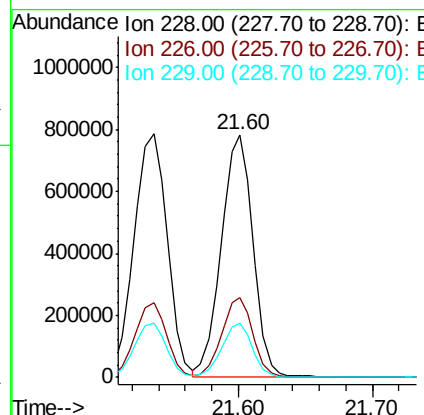
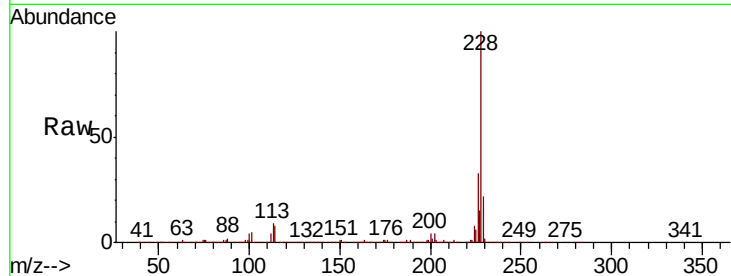
#83
Chrysene
Concen: 42.943 ng
RT: 21.60 min Scan# 3151
Delta R.T. 0.01 min
Lab File: BG046530.D
Acq: 4 Sep 2020 00:14

Instrument :
BNA_G
ClientSampled :
9-2-TP-1MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	32.7	26.2	39.4
229	22.2	17.9	26.9

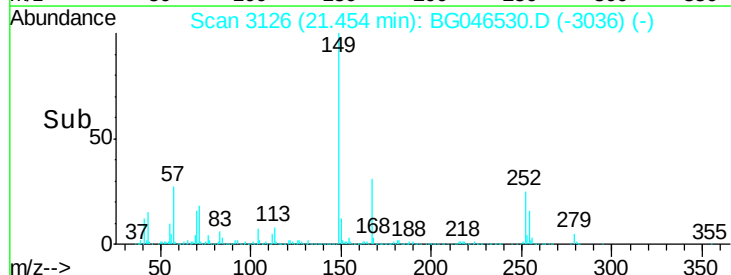
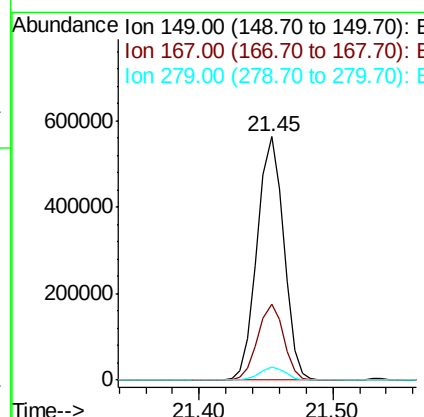
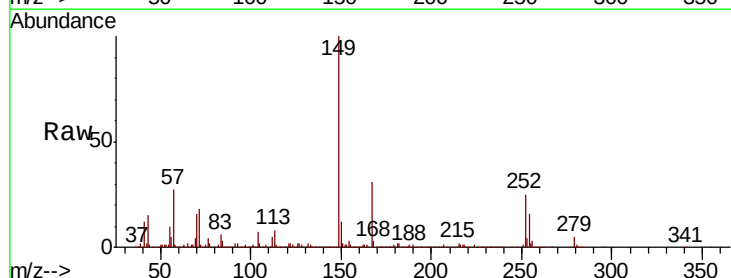
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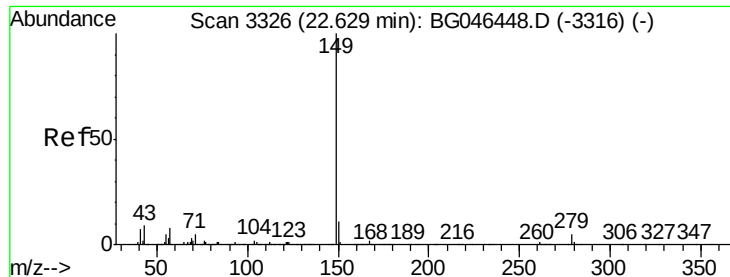
mohammad
9/4/2020 1:55:06 PM



#84
Bis(2-ethylhexyl)phthalate
Concen: 44.947 ng
RT: 21.45 min Scan# 3126
Delta R.T. -0.00 min
Lab File: BG046530.D
Acq: 4 Sep 2020 00:14

Tgt Ion	Ratio	Lower	Upper
149	100		
167	31.1	25.4	38.2
279	5.4	4.5	6.7





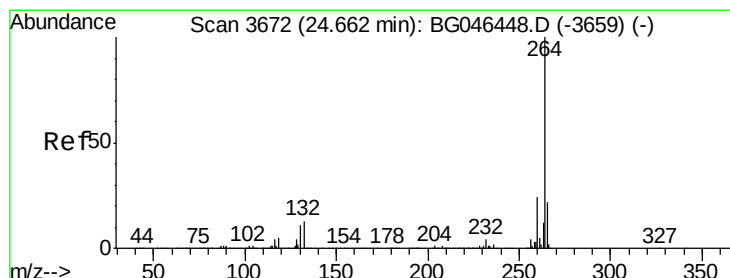
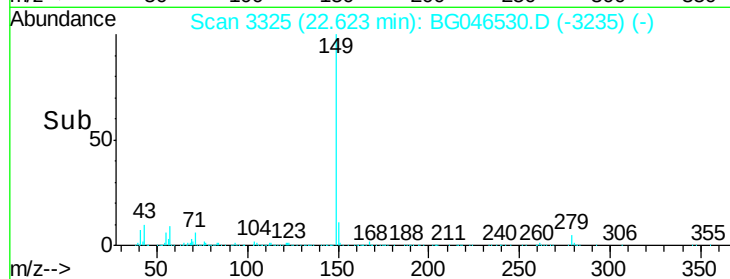
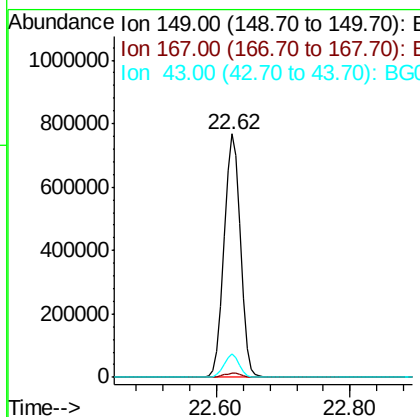
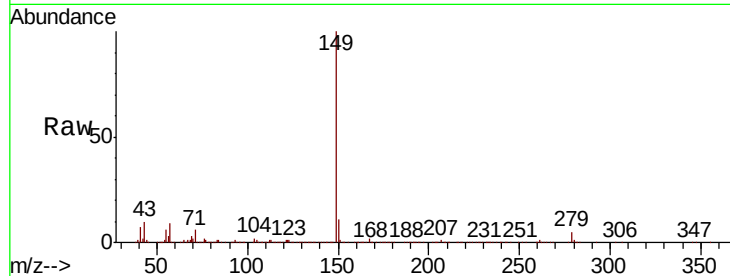
#85
Di-n-octyl phthalate
Concen: 45.293 ng
RT: 22.62 min Scan# 3325
Delta R.T. -0.00 min
Lab File: BG046530.D
Acq: 4 Sep 2020 00:14

Instrument :
BNA_G
ClientSampleId :
9-2-TP-1MS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.5	2.3
43	8.9	7.0	10.4

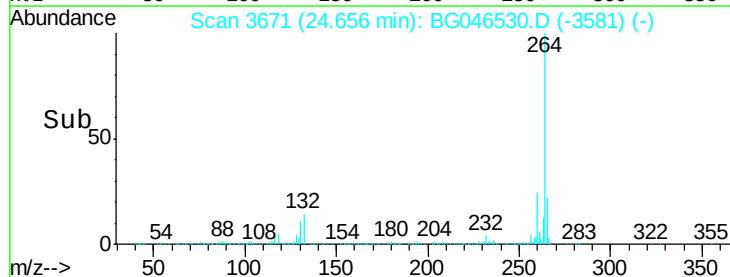
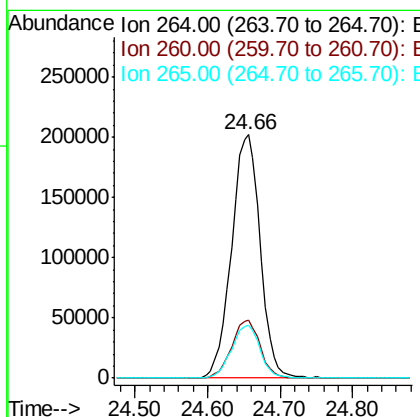
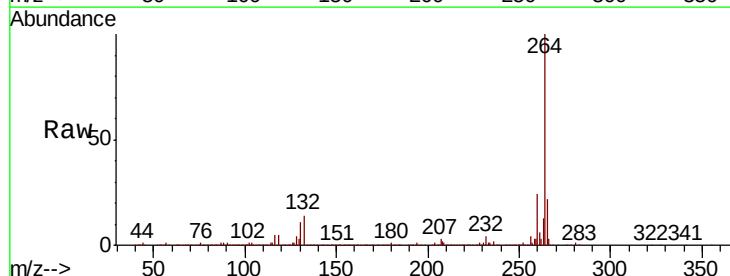
Manual Integrations
APPROVED

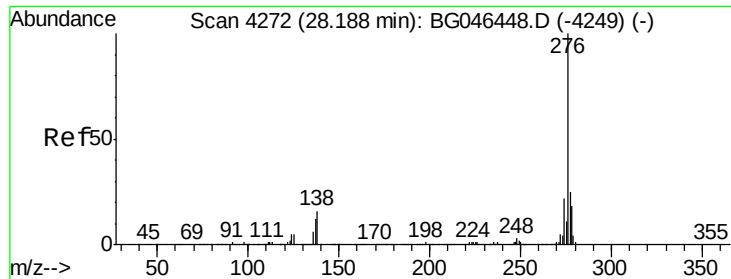
mohammad
9/4/2020 1:55:06 PM



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.66 min Scan# 3671
Delta R.T. -0.00 min
Lab File: BG046530.D
Acq: 4 Sep 2020 00:14

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	21.9	17.9	26.9





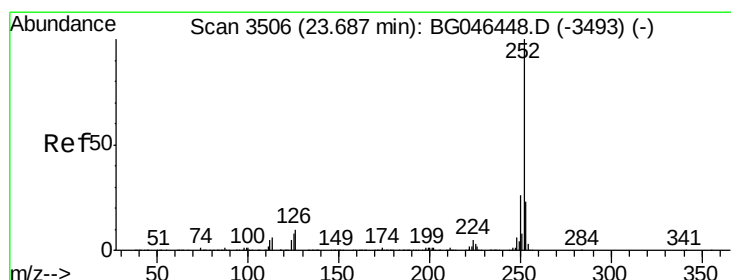
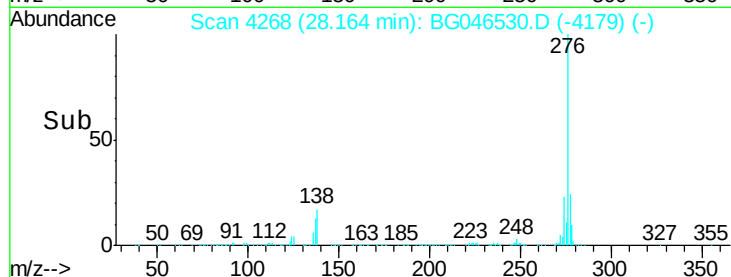
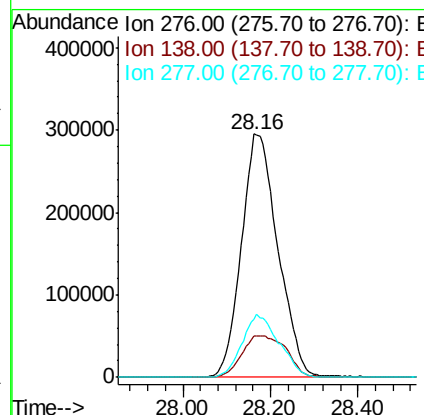
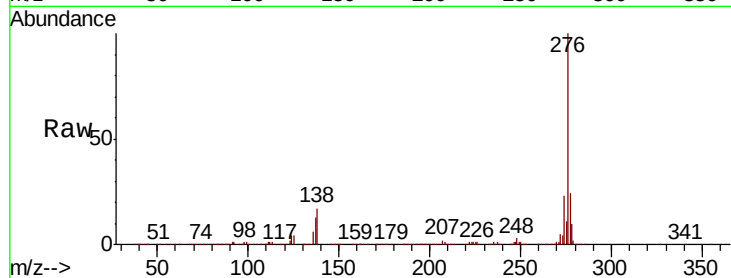
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 41.952 ng
 RT: 28.16 min Scan# 4268
 Delta R.T. -0.01 min
 Lab File: BG046530.D
 Acq: 4 Sep 2020 00:14

Instrument :
 BNA_G
 ClientSampleId :
 9-2-TP-1MS

Tot Ion	Ratio	Lower	Upper
276	100		
138	0.0	16.5	24.7#
277	26.2	20.7	31.1

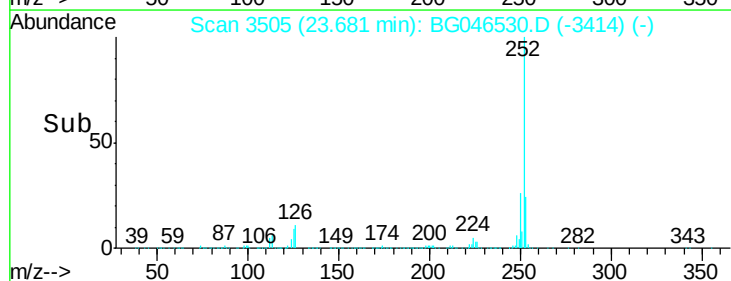
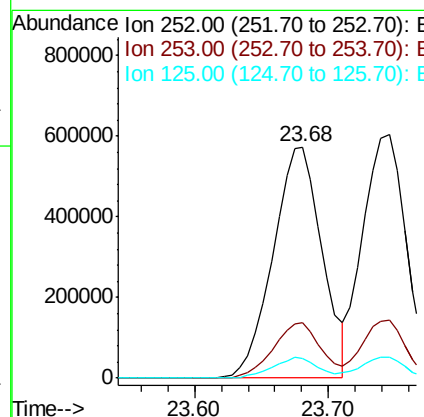
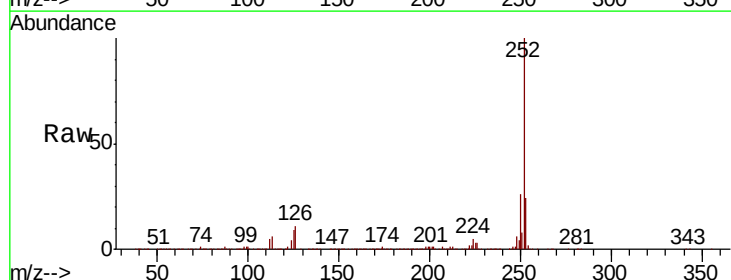
Manual Integrations
 APPROVED

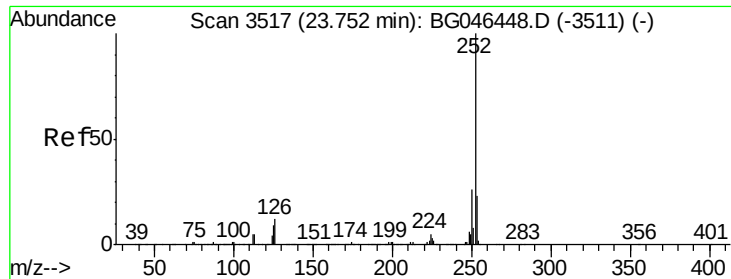
mohammad
 9/4/2020 1:55:06 PM



#88
 Benzo(b)fluoranthene
 Concen: 42.205 ng
 RT: 23.68 min Scan# 3505
 Delta R.T. 0.01 min
 Lab File: BG046530.D
 Acq: 4 Sep 2020 00:14

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.8	18.2	27.4
125	8.6	6.2	9.2





#89

Benzo(k)fluoranthene

Concen: 40.873 ng

RT: 23.75 min Scan# 3516

Delta R.T. -0.00 min

Lab File: BG046530.D

Acq: 4 Sep 2020 00:14

Instrument :

BNA_G

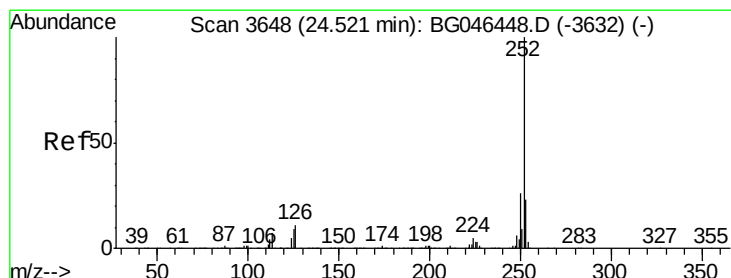
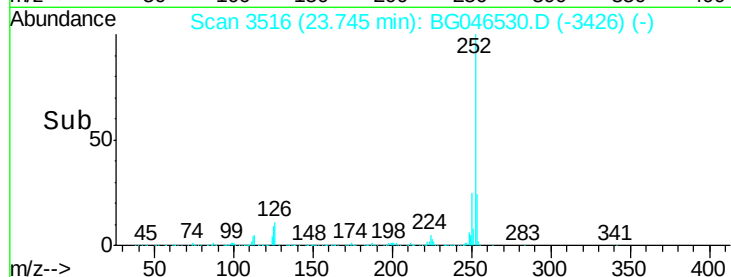
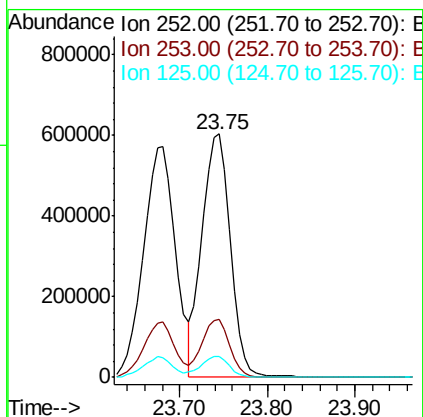
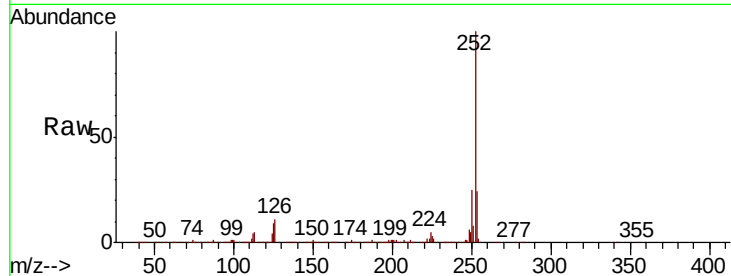
ClientSampleId :

9-2-TP-1MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.5	27.7
125	8.6	6.8	10.2

Manual Integrations
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mohammad
9/4/2020 1:55:06 PM



#90

Benzo(a)pyrene

Concen: 40.567 ng

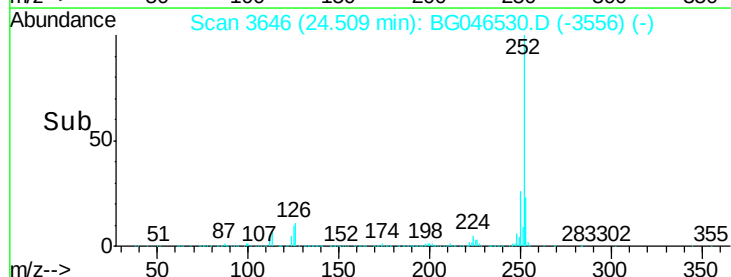
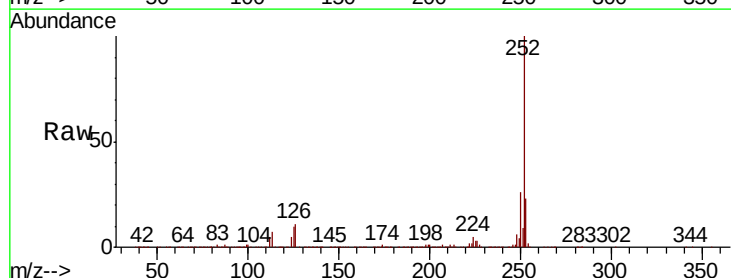
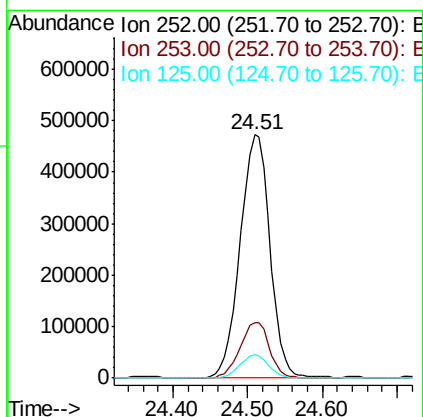
RT: 24.51 min Scan# 3646

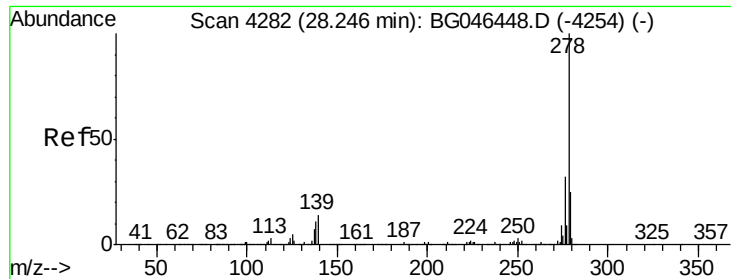
Delta R.T. -0.00 min

Lab File: BG046530.D

Acq: 4 Sep 2020 00:14

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.2	27.4
125	9.7	7.4	11.0





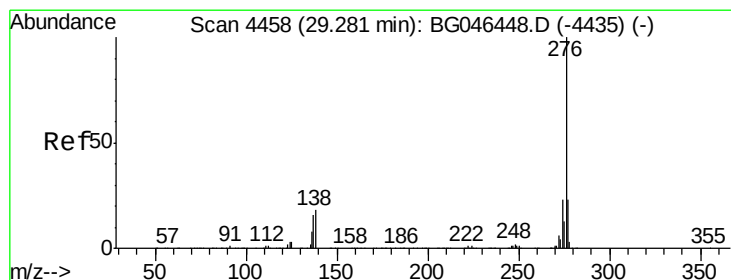
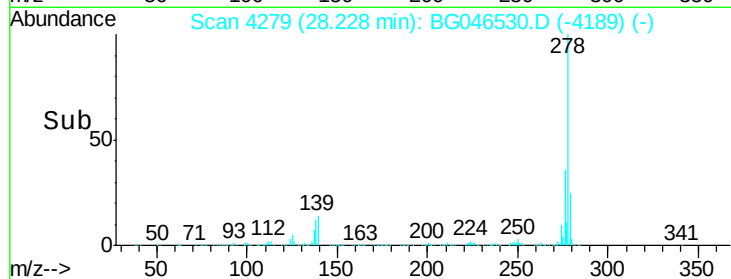
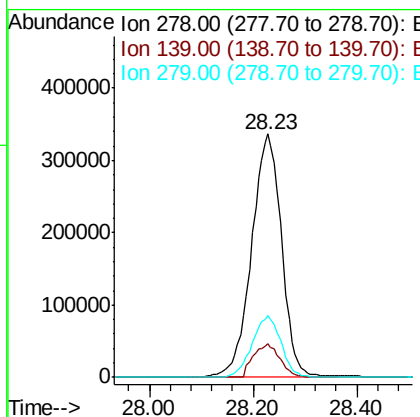
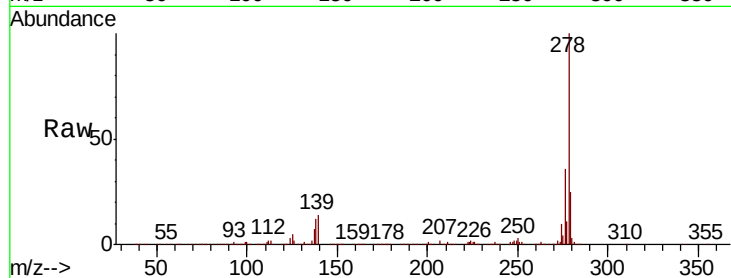
#91
Dibenzo(a,h)anthracene
Concen: 42.247 ng
RT: 28.23 min Scan# 4279
Delta R.T. -0.00 min
Lab File: BG046530.D
Acq: 4 Sep 2020 00:14

Instrument :
BNA_G
ClientSampleId :
9-2-TP-1MS

Tot Ion	Ratio	Lower	Upper
278	100		
139	13.6	11.2	16.8
279	25.2	19.8	29.8

Manual Integrations
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mohammad
9/4/2020 1:55:06 PM



#92
Benzo(g,h,i)perylene
Concen: 43.833 ng
RT: 29.27 min Scan# 4456
Delta R.T. -0.01 min
Lab File: BG046530.D
Acq: 4 Sep 2020 00:14

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.9	18.7	28.1
138	17.9	14.7	22.1

