

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090320\
 Data File : BG046531.D
 Acq On : 4 Sep 2020 00:54
 Operator : CG/JU
 Sample : L3888-02MSD
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

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

Manual Integrations
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Quant Time: Sep 04 03:06:18 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	76658	20.00	ng	0.00
21) Naphthalene-d8	10.73	136	334318	20.00	ng	0.00
39) Acenaphthene-d10	14.56	164	229241	20.00	ng	0.00
64) Phenanthrene-d10	17.31	188	534329	20.00	ng	0.00
76) Chrysene-d12	21.55	240	501858	20.00	ng	0.00
86) Perylene-d12	24.66	264	543884	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	497357	114.91	ng	0.00
7) Phenol-d6	7.11	99	645767	105.25	ng	0.00
23) Nitrobenzene-d5	9.09	82	417984	71.46	ng	0.00
42) 2,4,6-Tribromophenol	16.05	330	287445	92.54	ng	0.00
45) 2-Fluorobiphenyl	13.19	172	972361	64.75	ng	0.00
79) Terphenyl-d14	19.92	244	1334774	56.60	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	3.42	88	64578	35.864	ng	96
3) Pyridine	3.80	79	192620	36.562	ng	98
4) n-Nitrosodimethylamine	3.72	42	90510	46.581	ng	98
6) Aniline	7.25	93	203695	29.503	ng	99
8) 2-Chlorophenol	7.50	128	238597	52.159	ng	97
9) Benzaldehyde	7.07	77	152800	44.451	ng	96
10) Phenol	7.13	94	290993	51.493	ng	98
11) bis(2-Chloroethyl)ether	7.35	93	212857	46.860	ng	98
12) 1,3-Dichlorobenzene	7.82	146	259020	44.600	ng	99
13) 1,4-Dichlorobenzene	7.96	146	259546	44.639	ng	99
14) 1,2-Dichlorobenzene	8.28	146	253252	45.426	ng	99
15) Benzyl Alcohol	8.16	79	199908	50.750	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.46	45	320689	45.515	ng	99
17) 2-Methylphenol	8.38	107	201538	50.288	ng	98
18) Hexachloroethane	9.01	117	88298	44.789	ng	94
19) n-Nitroso-di-n-propylamine	8.73	70	170810	46.542	ng	99
20) 3+4-Methylphenols	8.71	107	281043	50.806	ng	99
22) Acetophenone	8.75	105	330902	40.661	ng	# 99
24) Nitrobenzene	9.13	77	246899	42.725	ng	98
25) Isophorone	9.65	82	469476	43.778	ng	98
26) 2-Nitrophenol	9.84	139	141524	46.418	ng	97
27) 2,4-Dimethylphenol	9.91	122	221683	52.864	ng	96
28) bis(2-Chloroethoxy)methane	10.13	93	288423	41.786	ng	99
29) 2,4-Dichlorophenol	10.38	162	258392	46.222	ng	100
30) 1,2,4-Trichlorobenzene	10.59	180	270474	40.778	ng	99
31) Naphthalene	10.78	128	700377	42.906	ng	98
32) Benzoic acid	10.05	122	81235	30.619	ng	96
33) 4-Chloroaniline	10.88	127	107909	14.992	ng	97
34) Hexachlorobutadiene	11.07	225	173130	40.209	ng	99
35) Caprolactam	11.66	113	84141m	40.266	ng	
36) 4-Chloro-3-methylphenol	12.02	107	249897	45.705	ng	95
37) 2-Methylnaphthalene	12.38	142	545958	42.408	ng	98
38) 1-Methylnaphthalene	12.61	142	514450	42.187	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.76	216	326003	43.125	ng	99

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 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	303049	92.195	ng	99
43) 2,4,6-Trichlorophenol	13.00	196	228856	44.861	ng	100
44) 2,4,5-Trichlorophenol	13.07	196	245164	45.741	ng	99
46) 1,1'-Biphenyl	13.39	154	705875	44.257	ng	99
47) 2-Chloronaphthalene	13.43	162	559492	41.374	ng	100
48) 2-Nitroaniline	13.63	65	155829	41.499	ng	96
49) Acenaphthylene	14.28	152	875908	42.700	ng	100
50) Dimethylphthalate	14.02	163	799984	45.107	ng	99
51) 2,6-Dinitrotoluene	14.13	165	165105	42.232	ng	100
52) Acenaphthene	14.63	154	535116	42.097	ng	99
53) 3-Nitroaniline	14.46	138	98567	23.276	ng	99
54) 2,4-Dinitrophenol	14.67	184	94359	41.350	ng	97
55) Dibenzofuran	14.96	168	852090	41.769	ng	99
56) 4-Nitrophenol	14.79	139	268371	86.110	ng	98
57) 2,4-Dinitrotoluene	14.93	165	234761	42.114	ng	98
58) Fluorene	15.61	166	712589	41.619	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.19	232	231699	44.516	ng	99
60) Diethylphthalate	15.38	149	695653	40.230	ng	99
61) 4-Chlorophenyl-phenylether	15.60	204	386372	40.975	ng	97
62) 4-Nitroaniline	15.63	138	154088	34.485	ng	98
63) Azobenzene	15.90	77	597755	42.497	ng	96
65) 4,6-Dinitro-2-methylphenol	15.69	198	100951	33.380	ng	98
66) n-Nitrosodiphenylamine	15.81	169	641181	44.480	ng	100
67) 4-Bromophenyl-phenylether	16.50	248	265592	42.605	ng	98
68) Hexachlorobenzene	16.62	284	285478	41.350	ng	96
69) Atrazine	16.77	200	199618	33.945	ng	99
70) Pentachlorophenol	16.97	266	301329	83.537	ng	97
71) Phenanthrene	17.35	178	1146696	42.339	ng	99
72) Anthracene	17.44	178	1175567	43.993	ng	98
73) Carbazole	17.71	167	1053173	41.744	ng	99
74) Di-n-butylphthalate	18.27	149	1194036	41.158	ng	99
75) Fluoranthene	19.36	202	1408933	40.424	ng	100
77) Benzidine	19.53	184	562303	48.218	ng	98
78) Pyrene	19.72	202	1409016	44.090	ng	99
80) Butylbenzylphthalate	20.61	149	543600	43.609	ng	98
81) Benzo(a)anthracene	21.54	228	1340062	42.840	ng	100
82) 3,3'-Dichlorobenzidine	21.45	252	269771	23.239	ng	98
83) Chrysene	21.60	228	1296144	43.076	ng	100
84) Bis(2-ethylhexyl)phthalate	21.45	149	766941	45.085	ng	100
85) Di-n-octyl phthalate	22.62	149	1329695	45.650	ng	100
87) Indeno(1,2,3-cd)pyrene	28.17	276	1661589	42.536	ng	100
88) Benzo(b)fluoranthene	23.68	252	1457455	42.916	ng	98
89) Benzo(k)fluoranthene	23.75	252	1347758	41.063	ng	99
90) Benzo(a)pyrene	24.51	252	1305700	41.199	ng	100
91) Dibenzo(a,h)anthracene	28.23	278	1349571	42.813	ng	99
92) Benzo(g,h,i)perylene	29.28	276	1395409	44.330	ng	99

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

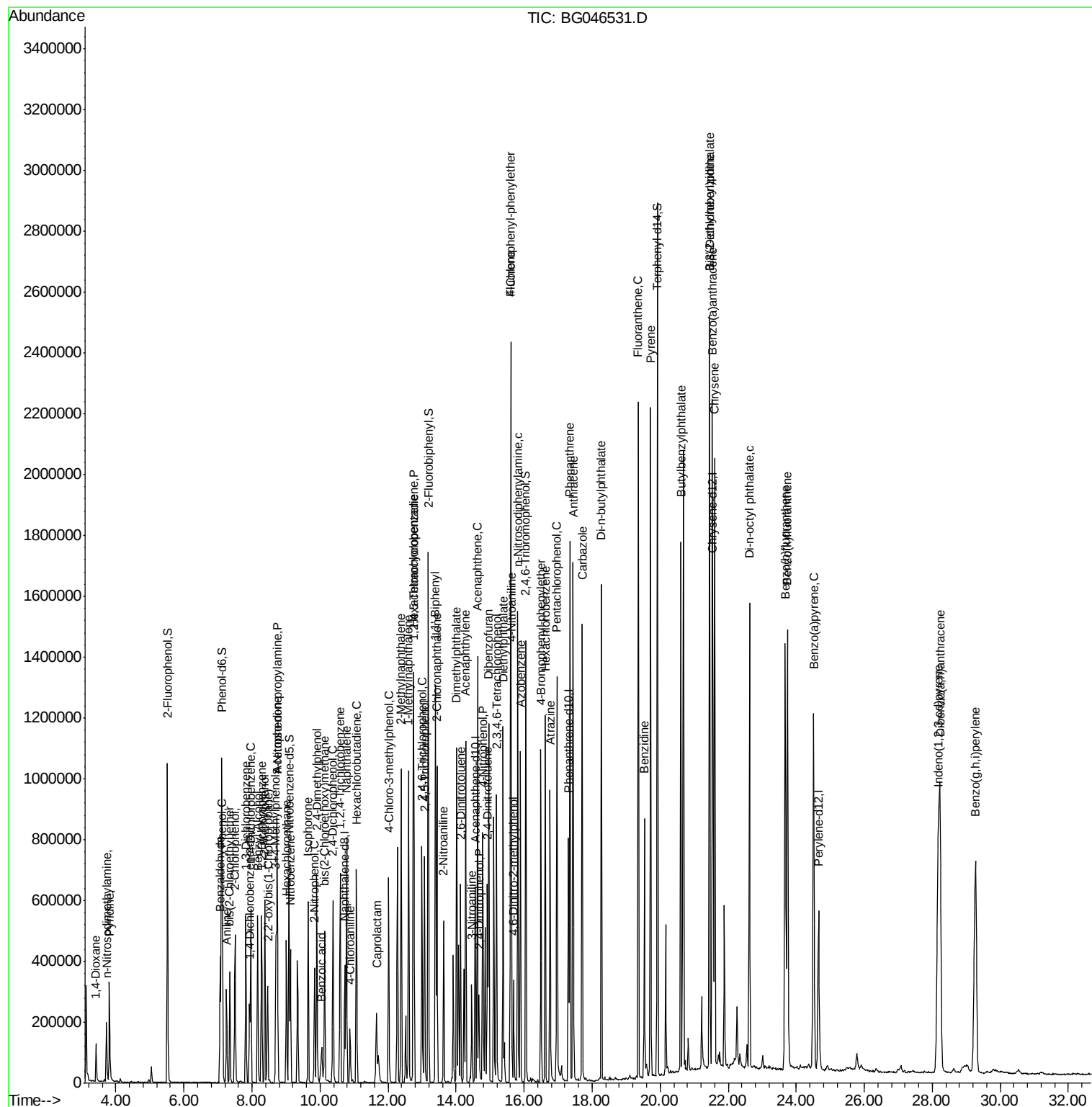
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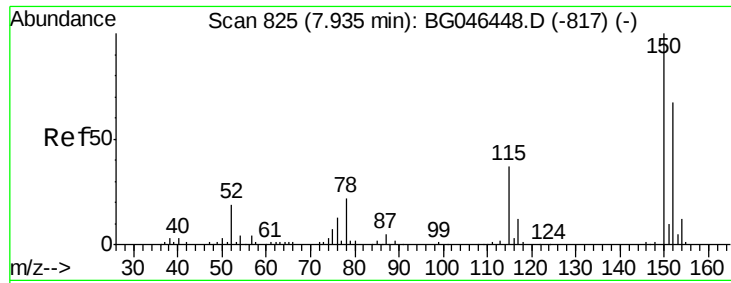
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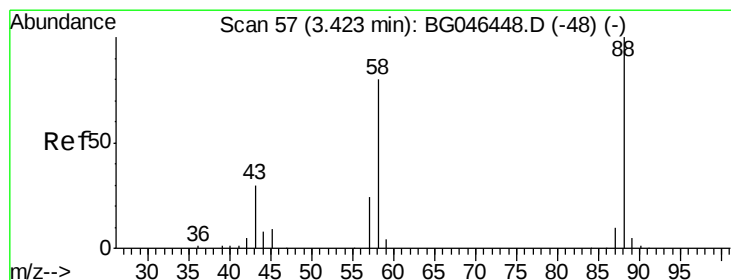
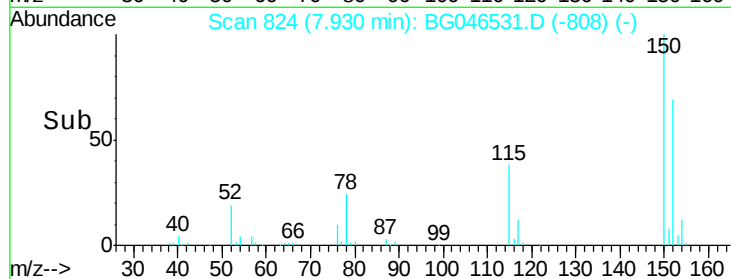
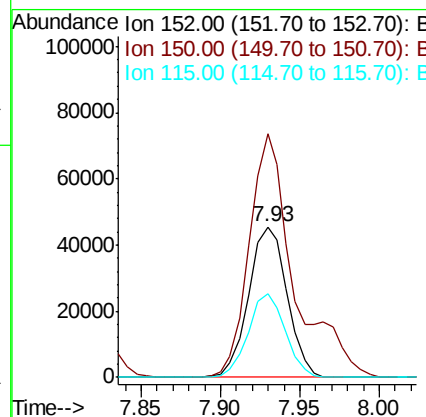
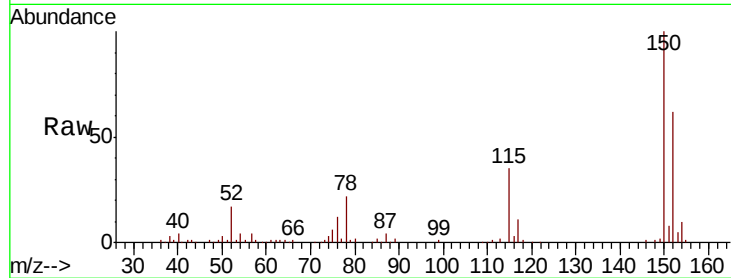
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 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.93 min Scan# 824
 Delta R.T. -0.01 min
 Lab File: BG046531.D
 Acq: 4 Sep 2020 00:54

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

Tot Ion	Ratio	Lower	Upper
152	100		
150	161.5	119.5	179.3
115	55.7	44.3	66.5

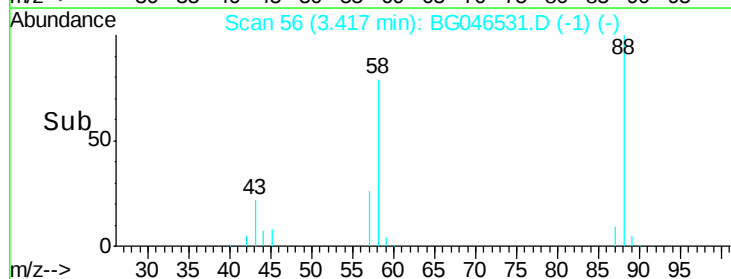
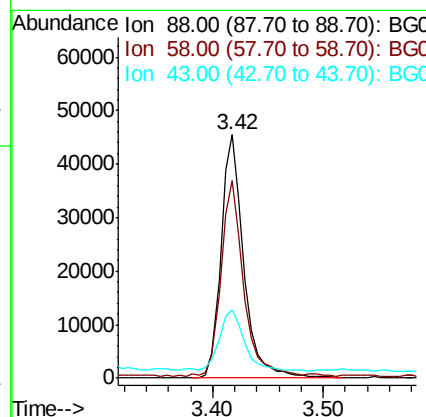
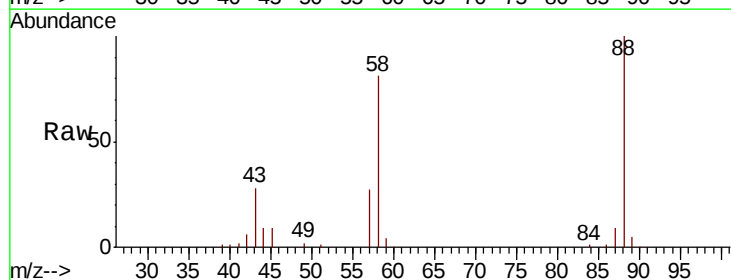
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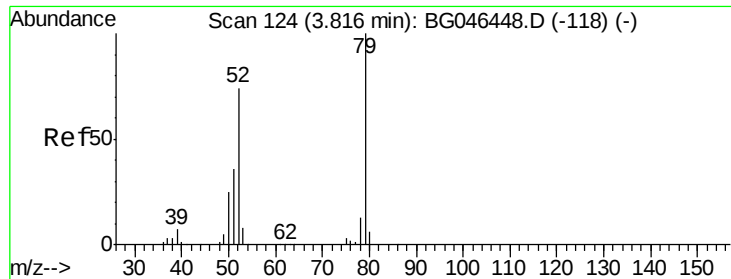
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#2
 1,4-Dioxane
 Concen: 35.864 ng
 RT: 3.42 min Scan# 56
 Delta R.T. -0.01 min
 Lab File: BG046531.D
 Acq: 4 Sep 2020 00:54

Tgt Ion	Ratio	Lower	Upper
88	100		
58	81.2	61.4	92.2
43	28.2	21.6	32.4





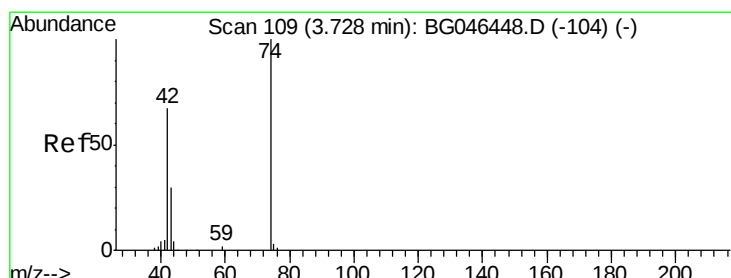
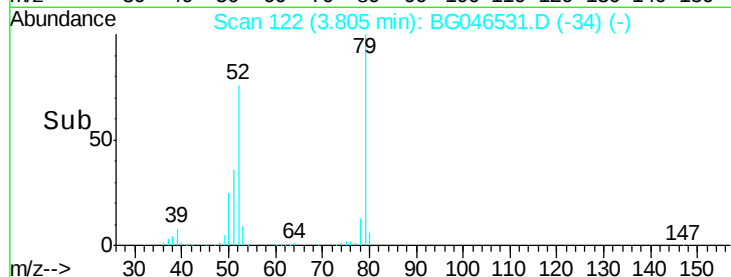
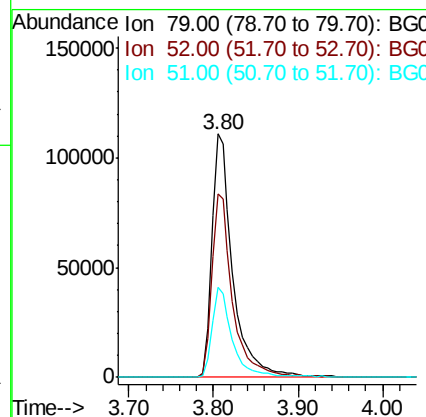
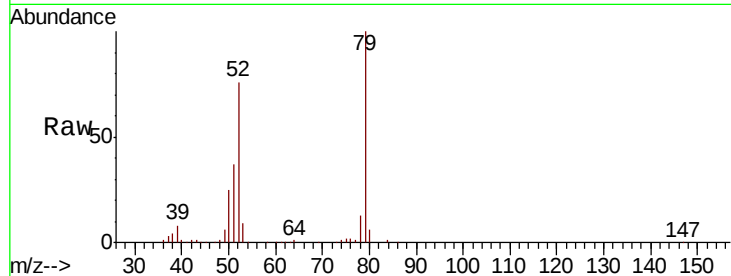
#3
 Pvridine
 Concen: 36.562 ng
 RT: 3.80 min Scan# 122
 Delta R.T. -0.01 min
 Lab File: BG046531.D
 Acq: 4 Sep 2020 00:54

Instrument :
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 9-2-TP-1MSD

Tot Ion	Ratio	Lower	Upper
79	100		
52	75.6	59.1	88.7
51	36.8	29.0	43.6

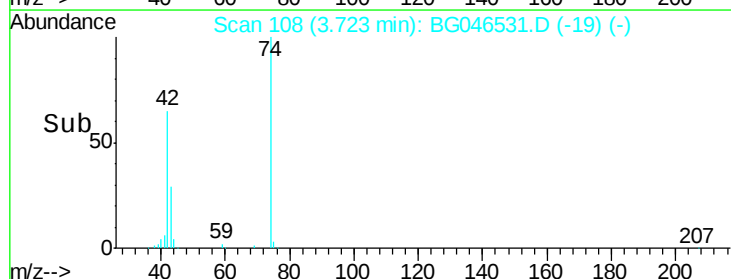
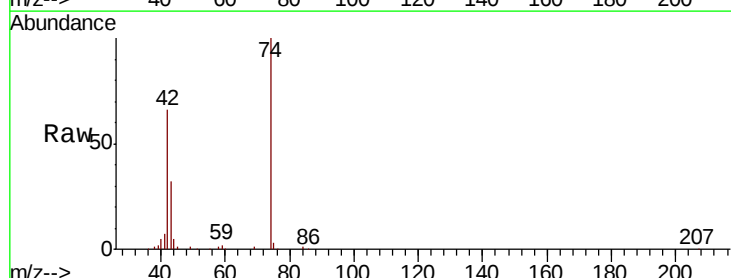
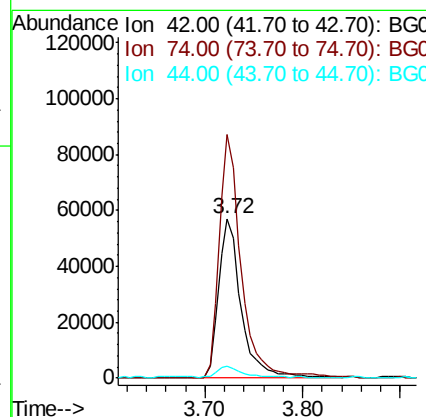
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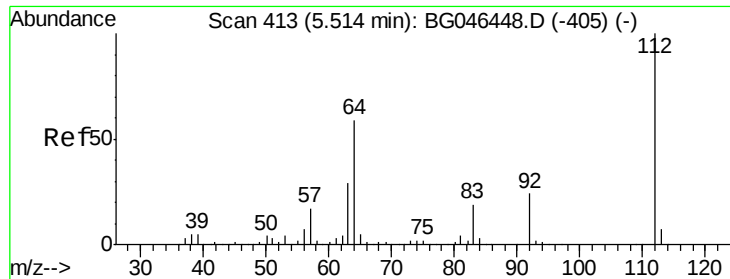
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#4
 n-Nitrosodimethylamine
 Concen: 46.581 ng
 RT: 3.72 min Scan# 108
 Delta R.T. -0.01 min
 Lab File: BG046531.D
 Acq: 4 Sep 2020 00:54

Tgt Ion	Ratio	Lower	Upper
42	100		
74	152.6	119.5	179.3
44	7.3	5.7	8.5





#5

2-Fluorophenol

Concen: 114.914 ng

RT: 5.51 min Scan# 413

Delta R.T. 0.00 min

Lab File: BG046531.D

Acq: 4 Sep 2020 00:54

Instrument :

BNA_G

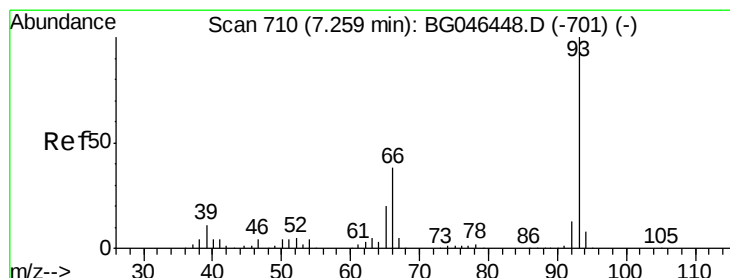
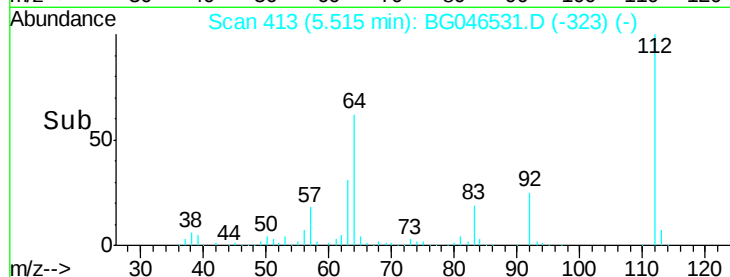
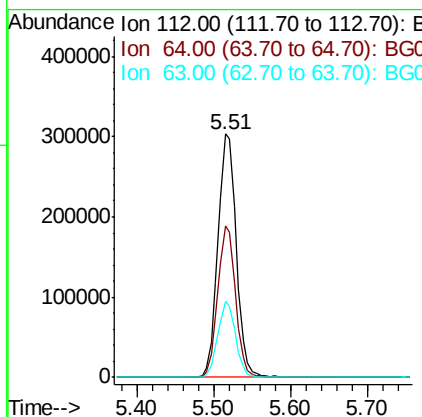
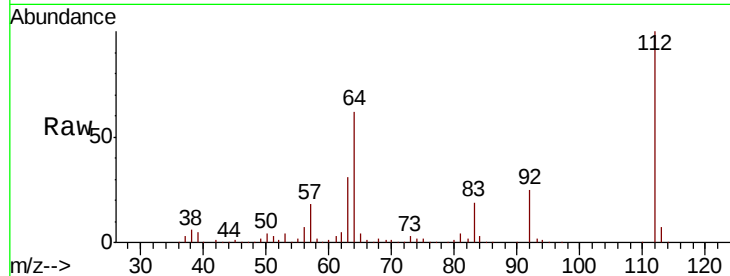
ClientSampleId :

9-2-TP-1MSD

Tot Ion:	112	Resp:	497357
Ion Ratio	Lower	Upper	
112	100		
64	62.0	47.0	70.6
63	31.2	23.5	35.3

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#6

Aniline

Concen: 29.503 ng

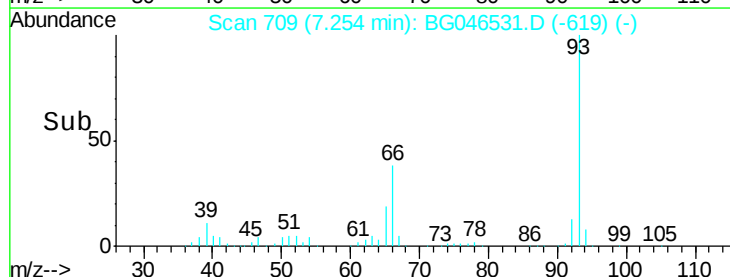
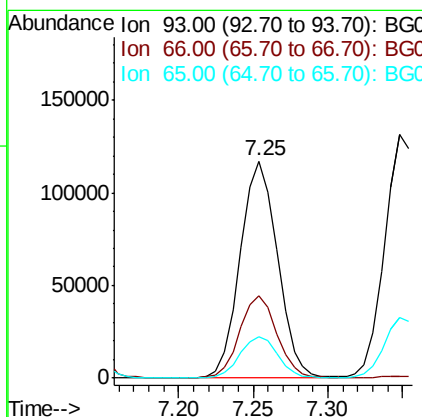
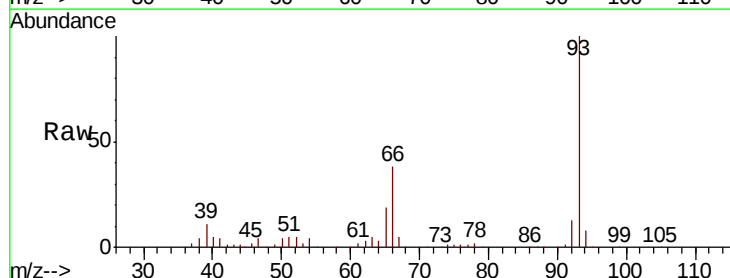
RT: 7.25 min Scan# 709

Delta R.T. 0.00 min

Lab File: BG046531.D

Acq: 4 Sep 2020 00:54

Tgt Ion:	93	Resp:	203695
Ion Ratio	Lower	Upper	
93	100		
66	37.8	30.4	45.6
65	18.9	15.8	23.6





#7

Phenol-d6

Concen: 105.251 ng

RT: 7.11 min Scan# 684

Delta R.T. 0.00 min

Lab File: BG046531.D

Acq: 4 Sep 2020 00:54

Instrument :

BNA_G

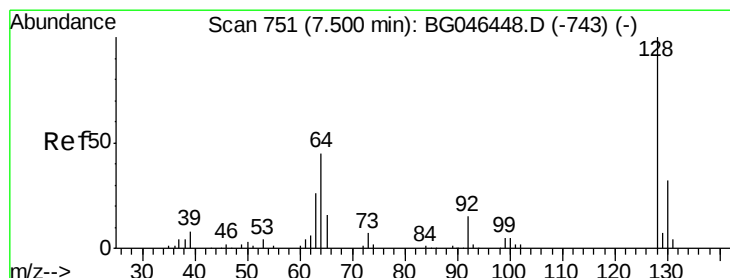
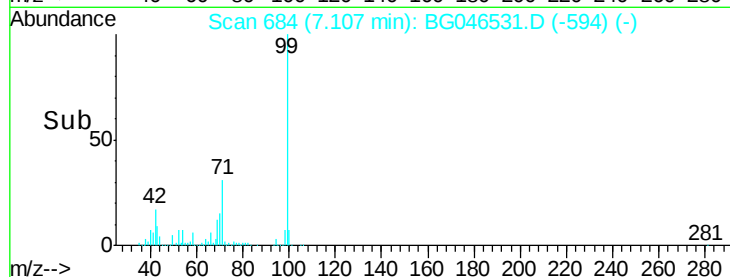
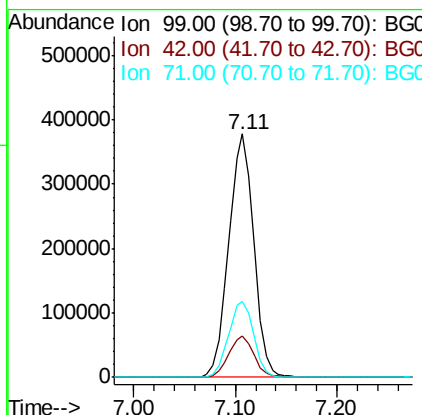
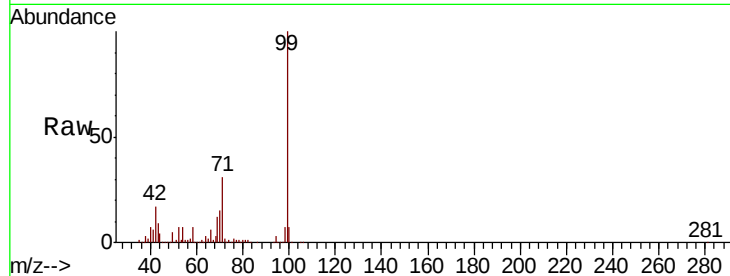
ClientSampleId :

9-2-TP-1MSD

Tot Ion:	99	Resp:	645767
Ion Ratio	Lower	Upper	
99	100		
42	17.0	13.3	19.9
71	31.3	25.3	37.9

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#8

2-Chlorophenol

Concen: 52.159 ng

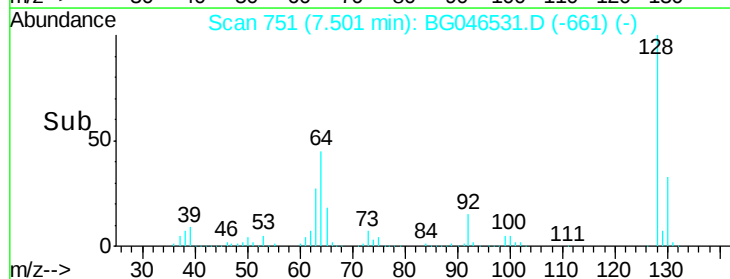
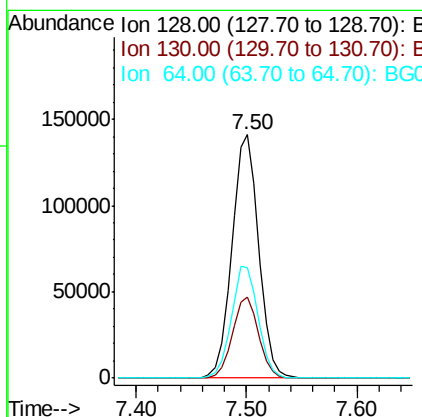
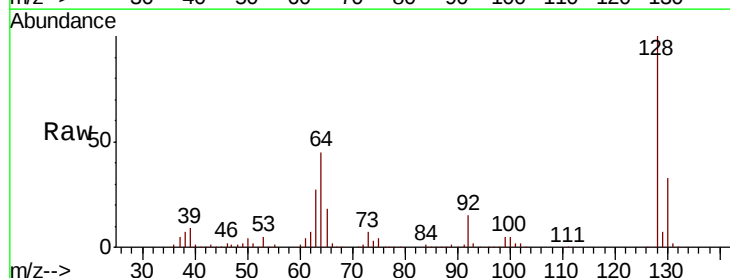
RT: 7.50 min Scan# 751

Delta R.T. 0.00 min

Lab File: BG046531.D

Acq: 4 Sep 2020 00:54

Tgt Ion:	128	Resp:	238597
Ion Ratio	Lower	Upper	
128	100		
130	33.1	12.4	52.4
64	45.4	28.1	68.1





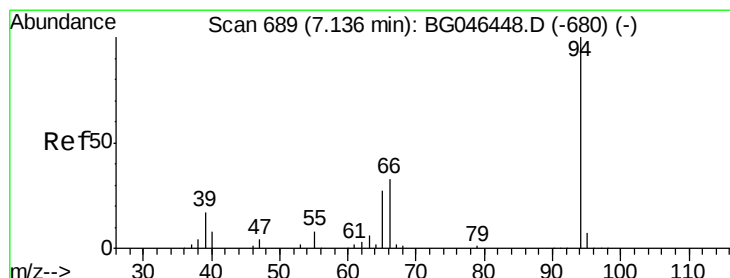
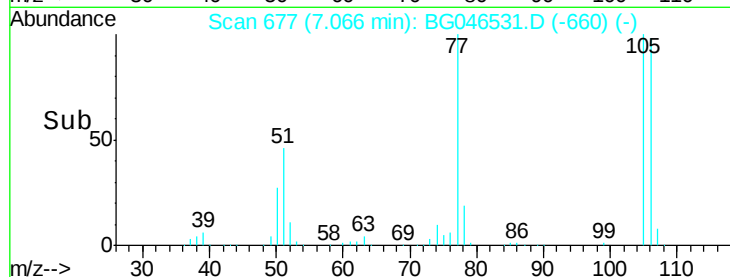
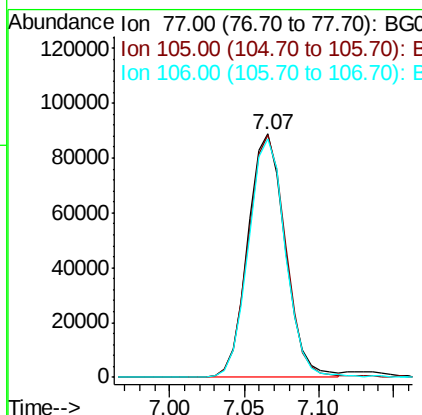
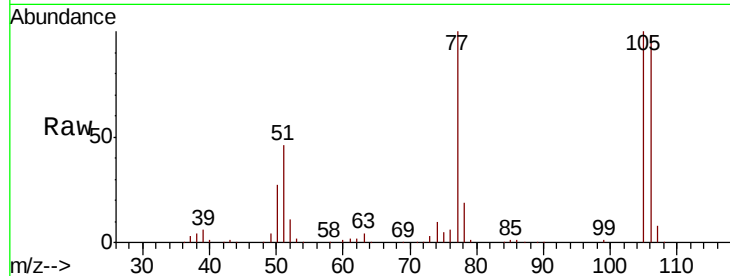
#9
Benzaldehyde
Concen: 44.451 ng
RT: 7.07 min Scan# 677
Delta R.T. 0.00 min
Lab File: BG046531.D
Acq: 4 Sep 2020 00:54

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9-2-TP-1MSD

Tot Ion	Ratio	Lower	Upper
77	100		
105	99.8	85.6	125.6
106	98.0	80.8	120.8

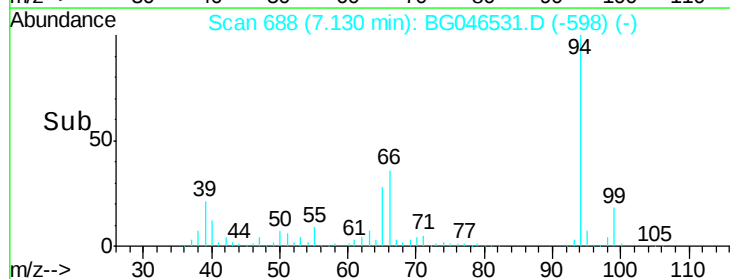
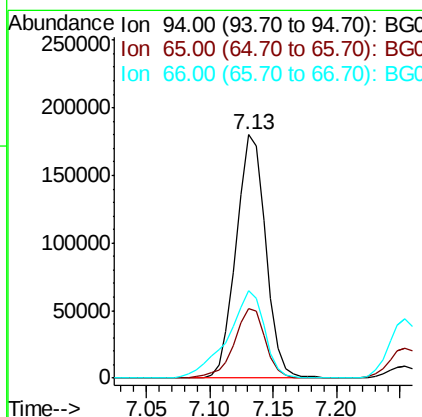
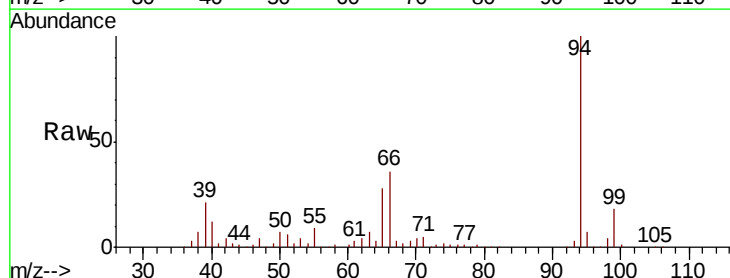
Manual Integrations
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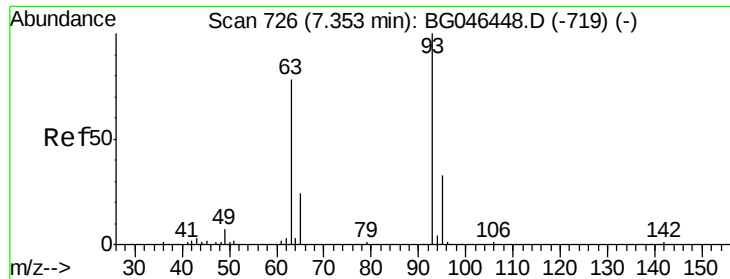
mohammad
9/4/2020 1:55:09 PM



#10
Phenol
Concen: 51.493 ng
RT: 7.13 min Scan# 688
Delta R.T. 0.00 min
Lab File: BG046531.D
Acq: 4 Sep 2020 00:54

Tgt Ion	Ratio	Lower	Upper
94	100		
65	28.4	7.5	47.5
66	35.7	14.1	54.1





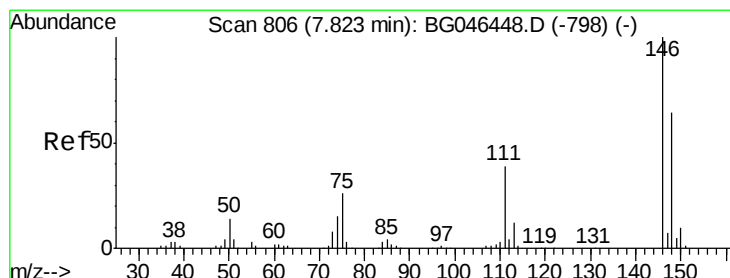
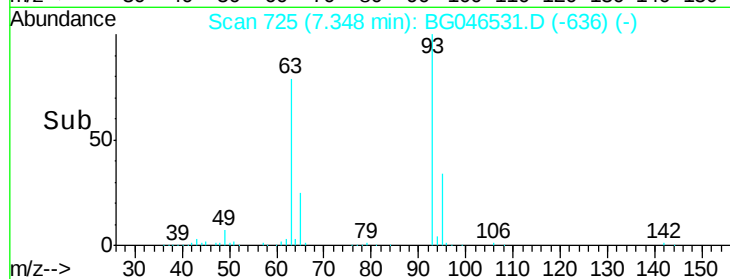
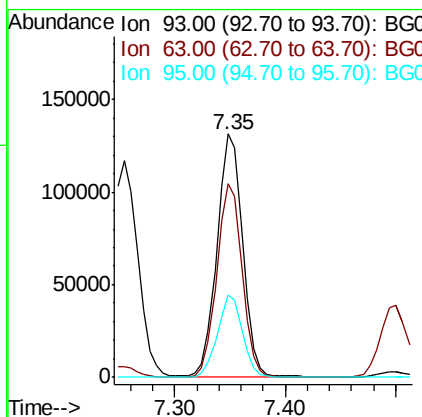
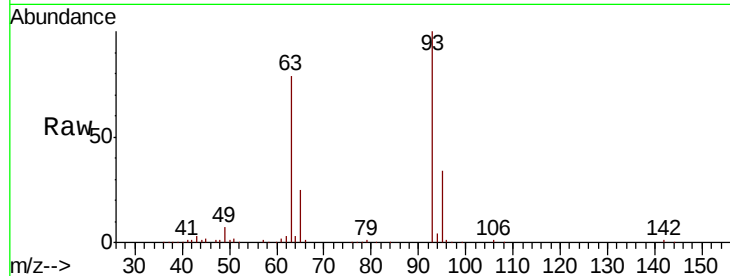
#11
bis(2-Chloroethyl)ether
Concen: 46.860 ng
RT: 7.35 min Scan# 725
Delta R.T. -0.01 min
Lab File: BG046531.D
Acq: 4 Sep 2020 00:54

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

Tot Ion:	93	Resp:	212857
Ion	Ratio	Lower	Upper
93	100		
63	79.4	57.7	97.7
95	33.7	12.3	52.3

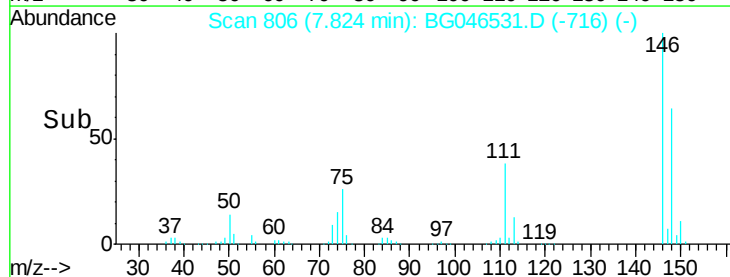
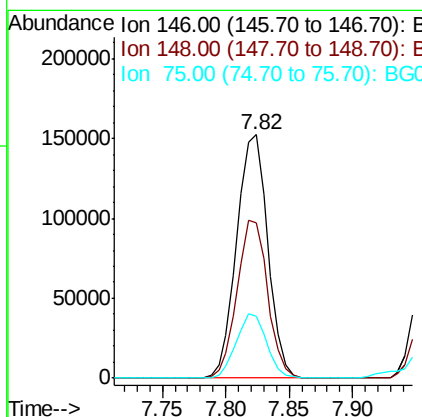
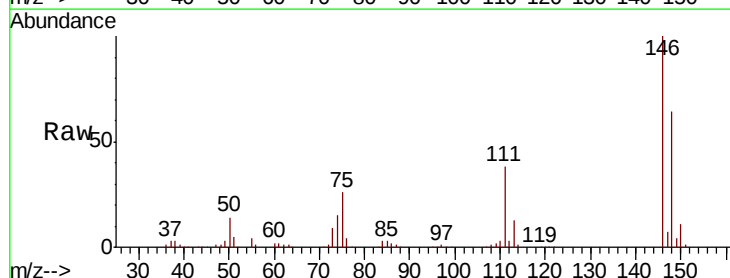
Manual Integrations
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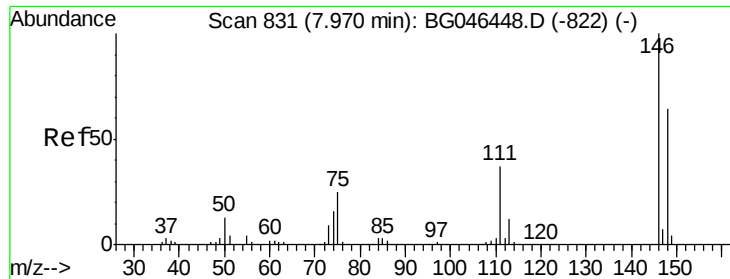
mohammad
9/4/2020 1:55:09 PM



#12
1,3-Dichlorobenzene
Concen: 44.600 ng
RT: 7.82 min Scan# 806
Delta R.T. 0.00 min
Lab File: BG046531.D
Acq: 4 Sep 2020 00:54

Tgt Ion:	146	Resp:	259020
Ion	Ratio	Lower	Upper
146	100		
148	63.6	51.4	77.0
75	25.7	20.7	31.1





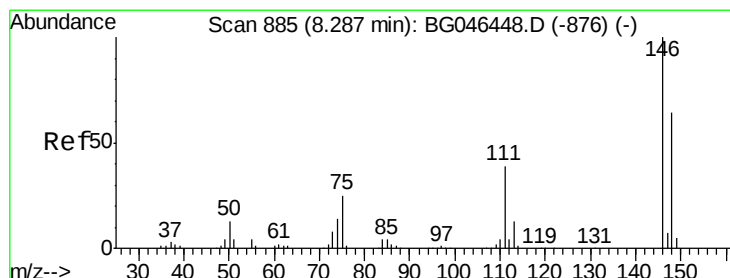
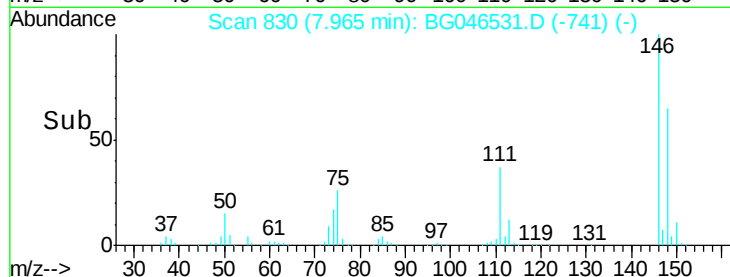
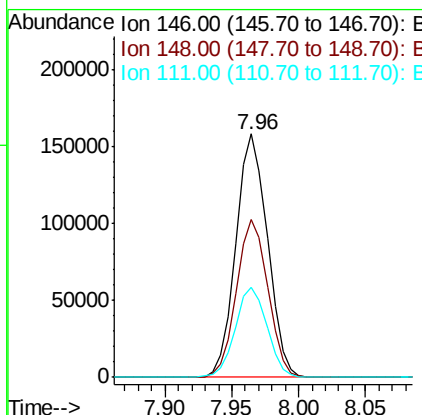
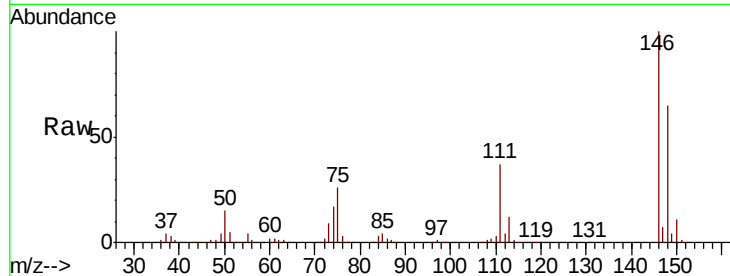
#13
 1,4-Dichlorobenzene
 Concen: 44.639 ng
 RT: 7.96 min Scan# 830
 Delta R.T. -0.01 min
 Lab File: BG046531.D
 Acq: 4 Sep 2020 00:54

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

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.9	50.9	76.3
111	36.8	29.8	44.6

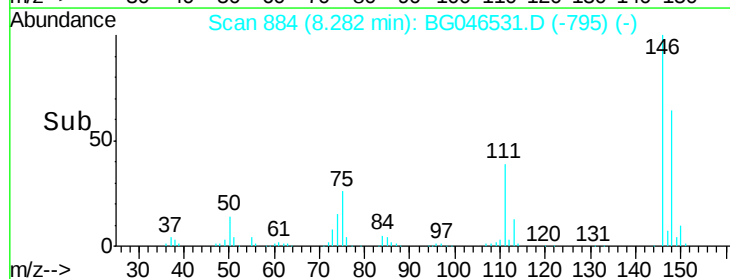
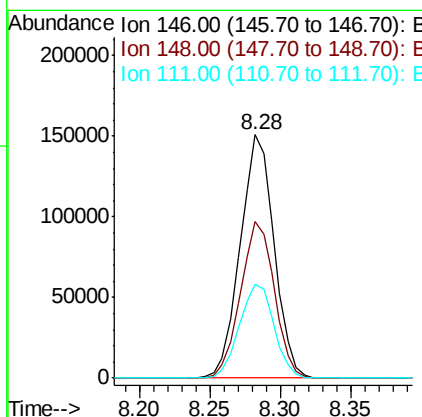
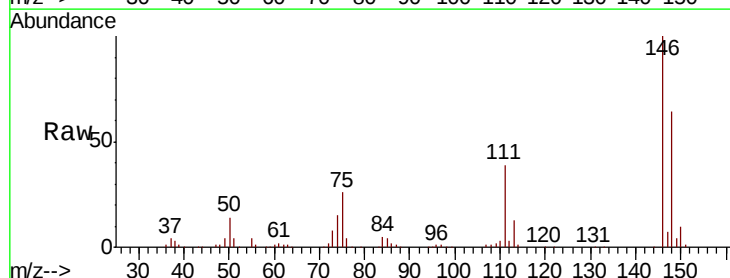
Manual Integrations
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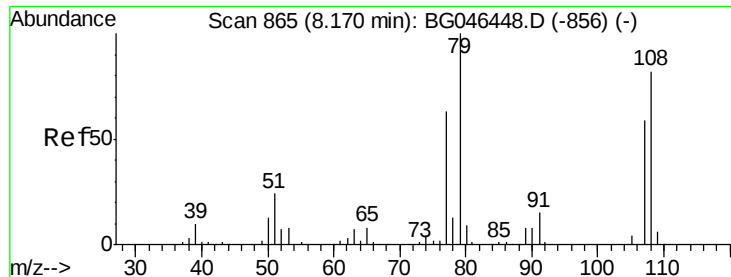
mohammad
 9/4/2020 1:55:09 PM



#14
 1,2-Dichlorobenzene
 Concen: 45.426 ng
 RT: 8.28 min Scan# 884
 Delta R.T. -0.01 min
 Lab File: BG046531.D
 Acq: 4 Sep 2020 00:54

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.5	51.4	77.0
111	38.8	31.4	47.2





#15

Benzyl Alcohol

Concen: 50.750 ng

RT: 8.16 min Scan# 864

Delta R.T. -0.01 min

Lab File: BG046531.D

Acq: 4 Sep 2020 00:54

Instrument :

BNA_G

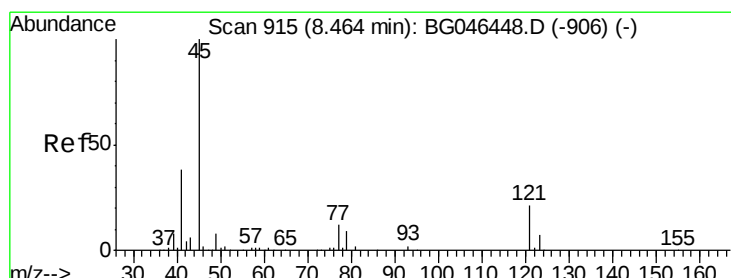
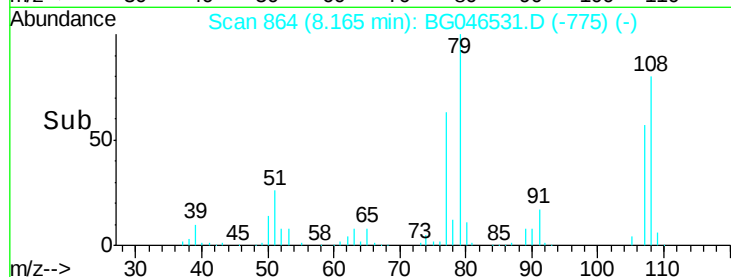
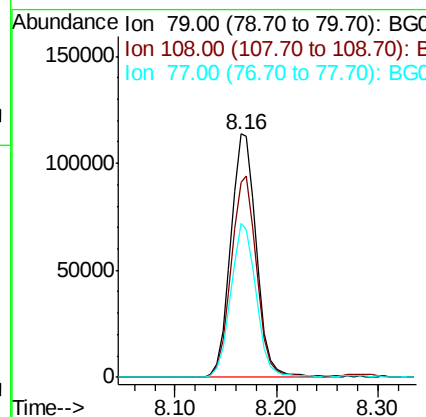
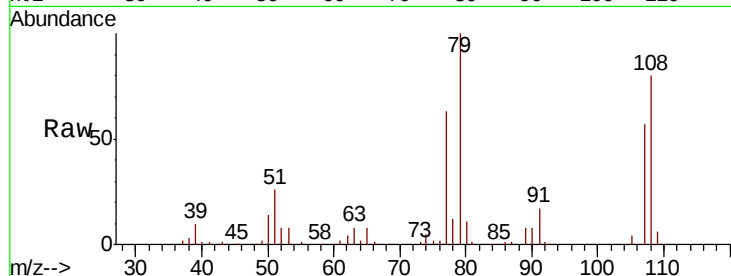
ClientSampleId :

9-2-TP-1MSD

Tot Ion:	79	Resp:	199908
Ion Ratio	Lower	Upper	
79	100		
108	80.3	65.7	98.5
77	63.4	50.3	75.5

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 45.515 ng

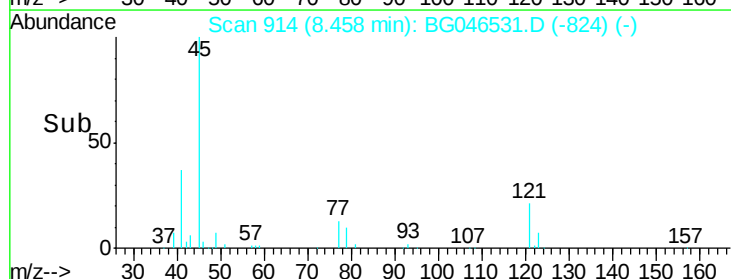
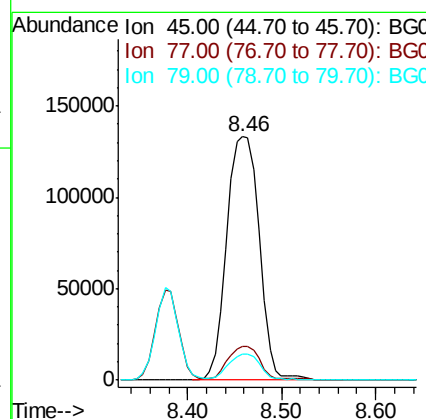
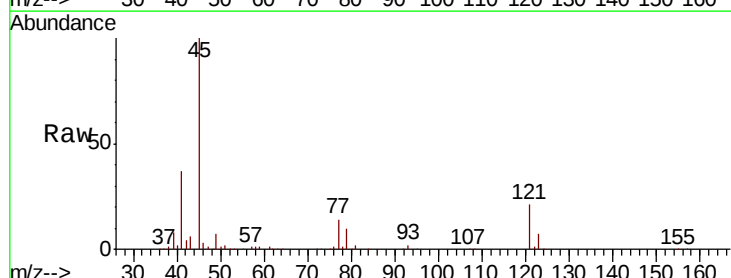
RT: 8.46 min Scan# 914

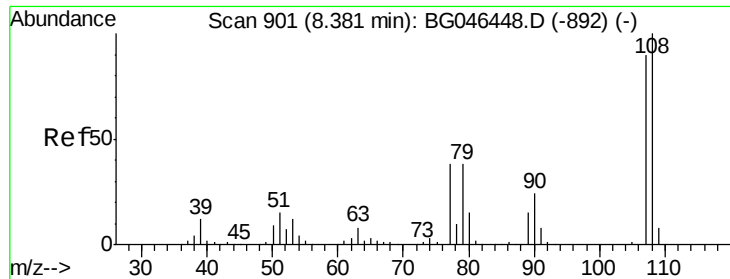
Delta R.T. 0.00 min

Lab File: BG046531.D

Acq: 4 Sep 2020 00:54

Tgt Ion:	45	Resp:	320689
Ion Ratio	Lower	Upper	
45	100		
77	13.9	0.0	33.2
79	10.5	0.0	30.3





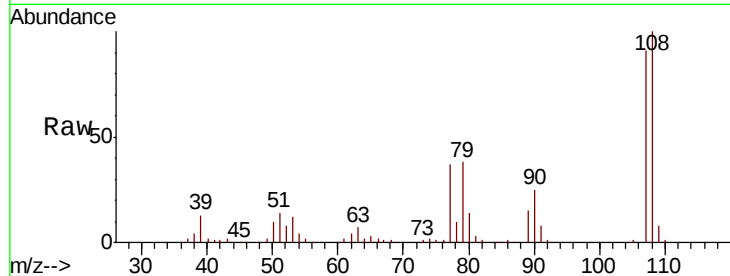
#17
2-Methylphenol
Concen: 50.288 ng
RT: 8.38 min Scan# 900
Delta R.T. 0.00 min
Lab File: BG046531.D
Acq: 4 Sep 2020 00:54

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

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	109.6	89.4	134.0	
77	40.8	34.5	51.7	
79	42.1	33.8	50.6	

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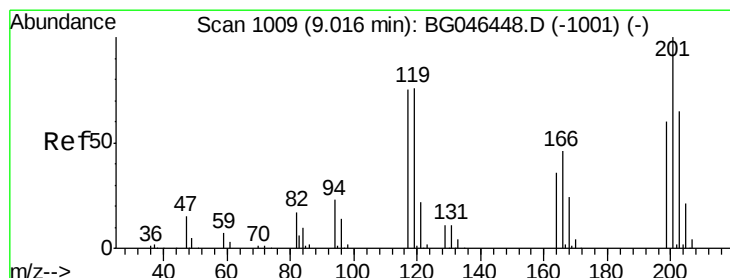
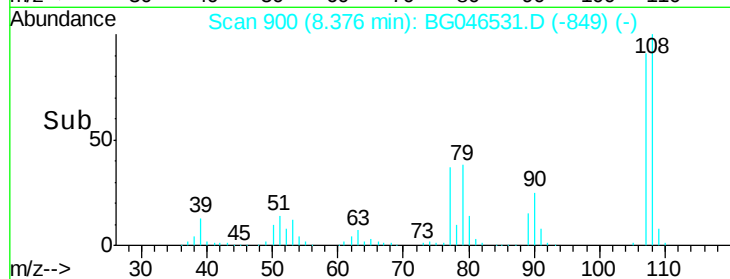
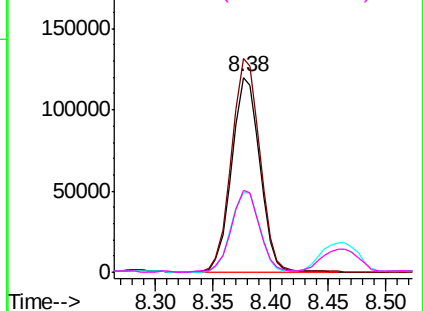
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

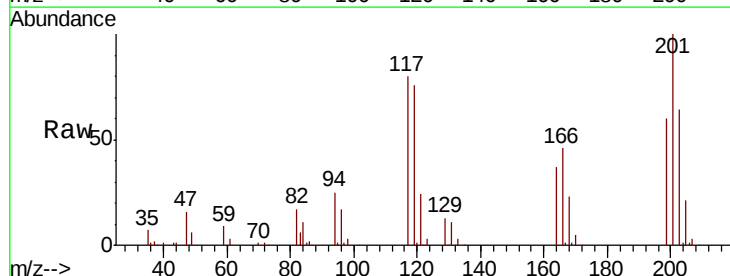
Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC



#18
Hexachloroethane
Concen: 44.789 ng
RT: 9.01 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BG046531.D
Acq: 4 Sep 2020 00:54

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	94.9	80.8	121.2	
201	125.4	106.7	160.1	

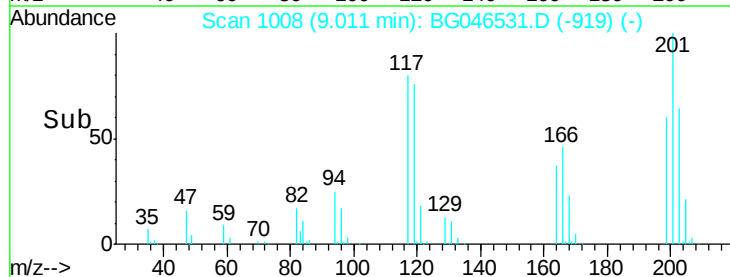
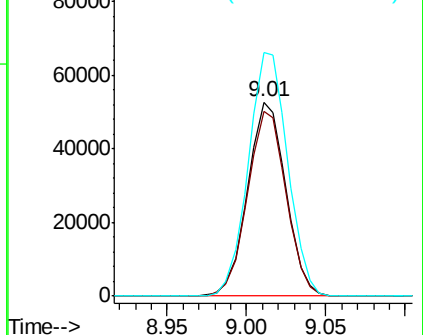


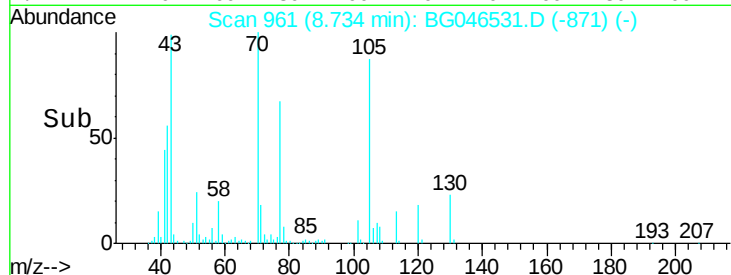
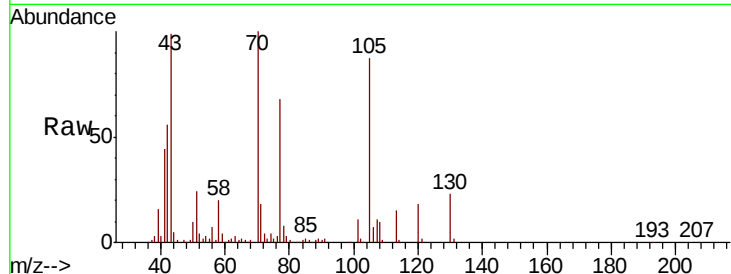
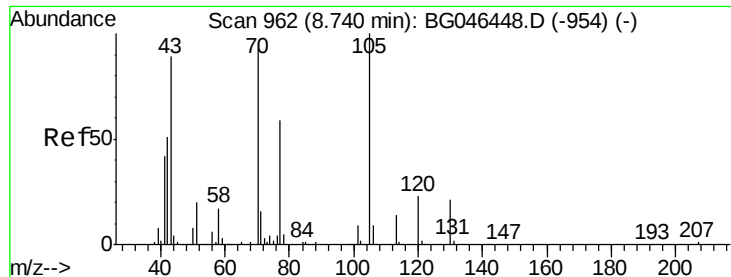
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

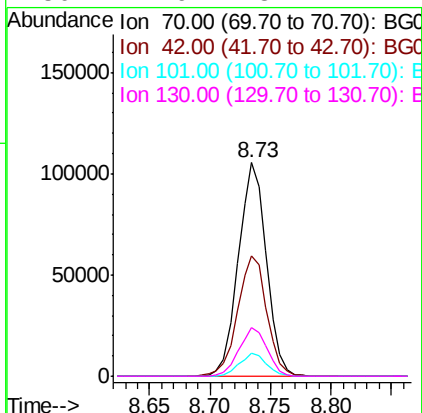
Ion 201.00 (200.70 to 201.70): E





#19
n-Nitroso-di-n-propylamine
Concen: 46.542 ng
RT: 8.73 min Scan# 961
Delta R.T. 0.00 min
Lab File: BG046531.D
Acq: 4 Sep 2020 00:54

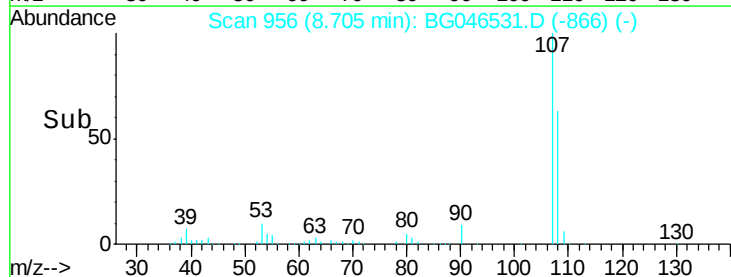
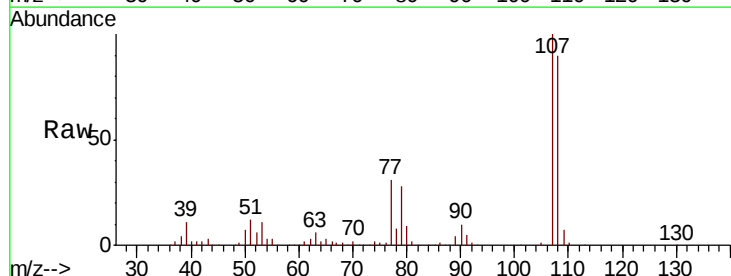
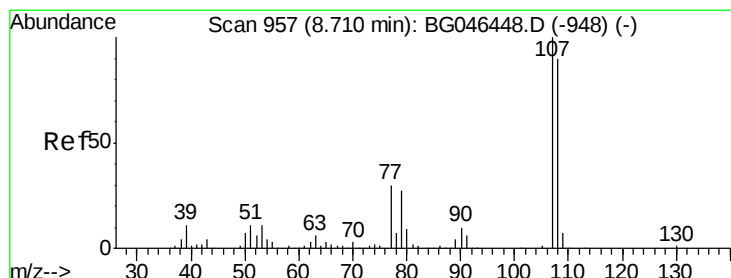
Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	56.3	44.2	66.2	
101	11.1	7.8	11.8	
130	22.6	18.2	27.4	



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

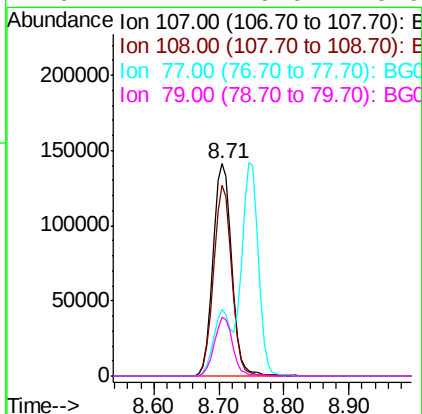
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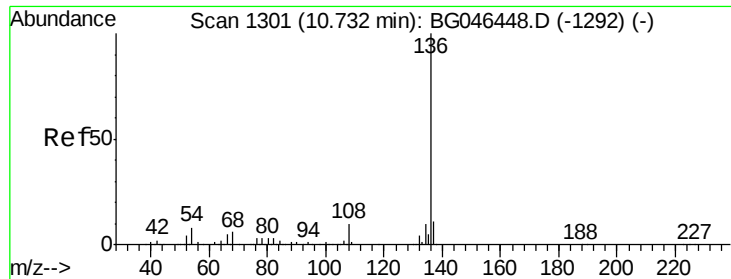
mohammad
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#20
3+4-Methylphenols
Concen: 50.806 ng
RT: 8.71 min Scan# 956
Delta R.T. 0.00 min
Lab File: BG046531.D
Acq: 4 Sep 2020 00:54

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	90.1	69.7	109.7	
77	31.2	9.7	49.7	
79	27.7	6.9	46.9	





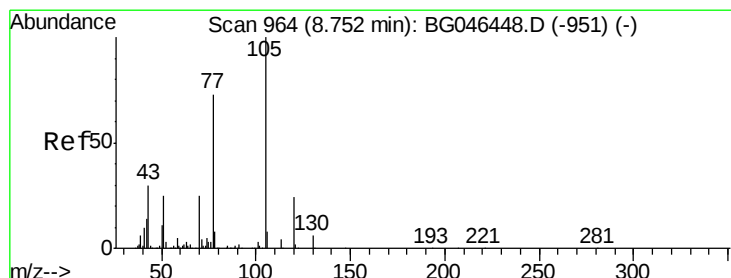
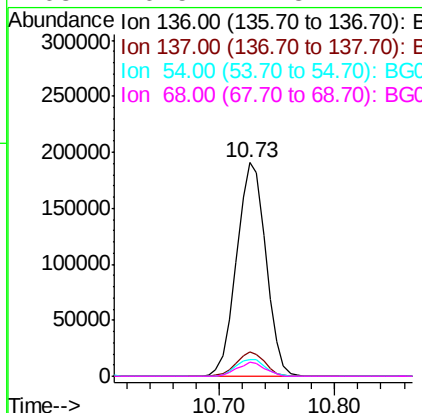
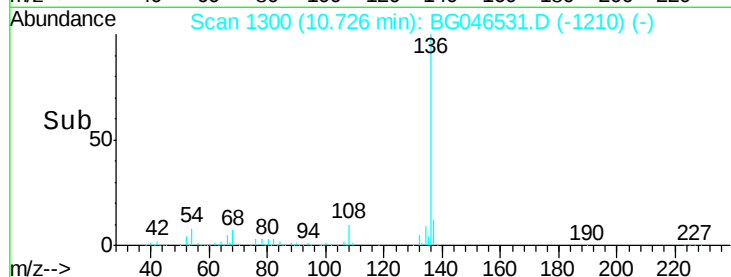
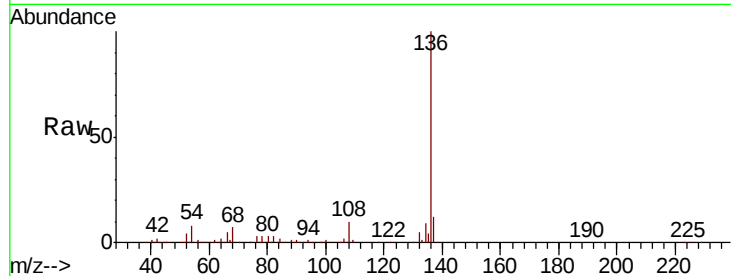
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.73 min Scan# 1300
Delta R.T. 0.00 min
Lab File: BG046531.D
Acq: 4 Sep 2020 00:54

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

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		334318		
137	11.6	8.8	13.2		
54	8.1	6.1	9.1		
68	6.5	4.8	7.2		

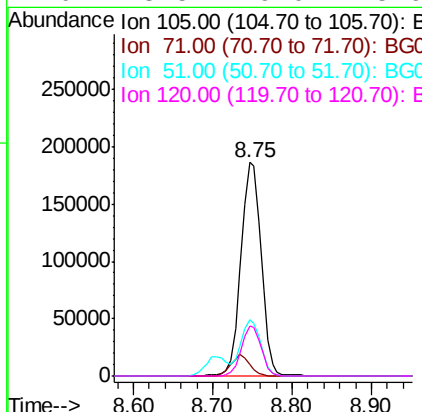
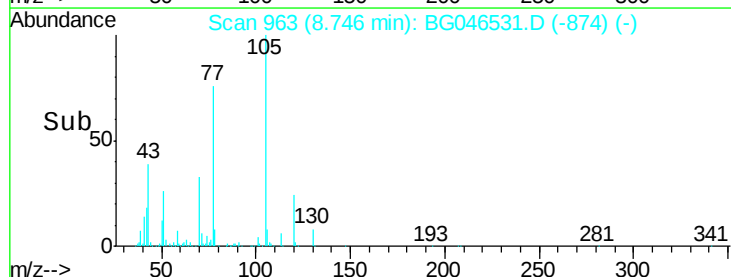
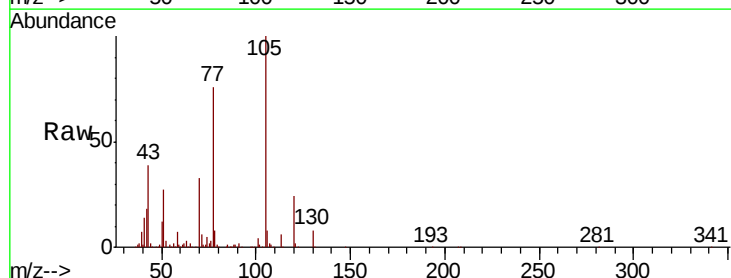
Manual Integrations
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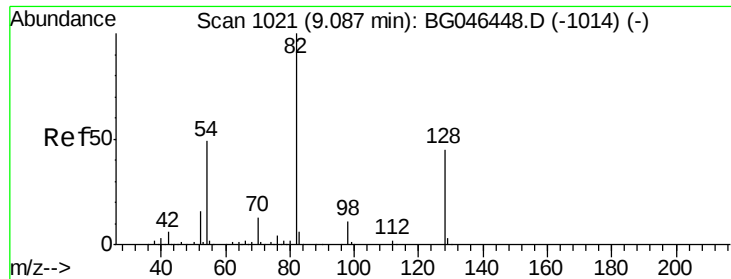
mohammad
9/4/2020 1:55:09 PM



#22
Acetophenone
Concen: 40.661 ng
RT: 8.75 min Scan# 963
Delta R.T. -0.01 min
Lab File: BG046531.D
Acq: 4 Sep 2020 00:54

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		330902		
71	5.6	3.3	4.9#		
51	26.6	20.6	31.0		
120	23.5	19.0	28.6		





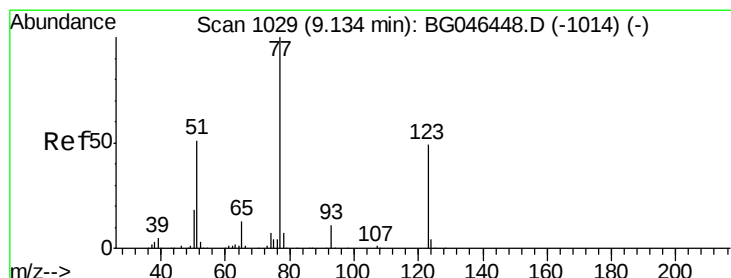
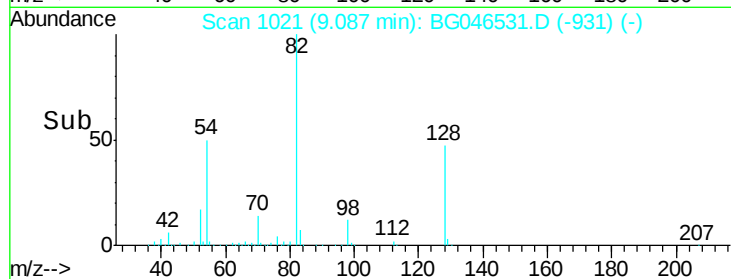
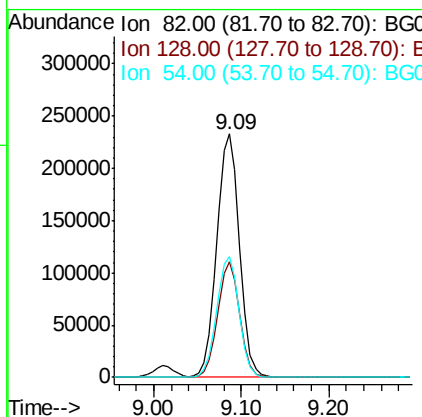
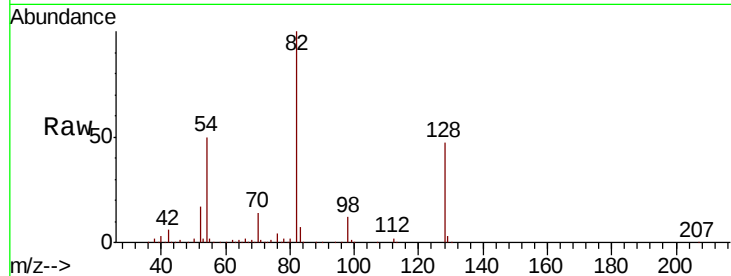
#23
 Nitrobenzene-d5
 Concen: 71.459 ng
 RT: 9.09 min Scan# 1021
 Delta R.T. 0.00 min
 Lab File: BG046531.D
 Acq: 4 Sep 2020 00:54

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

Tot Ion	Ratio	Resp	Lower	Upper
82	100	417984		
128	47.2	35.7	53.5	
54	49.7	39.4	59.0	

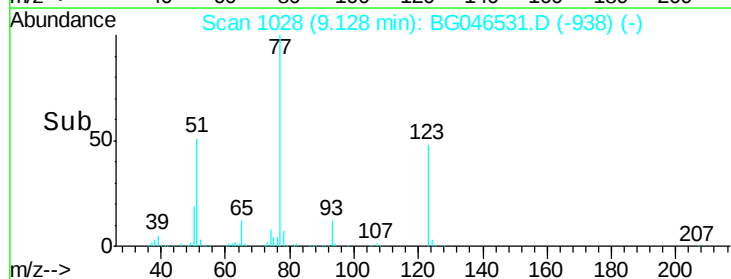
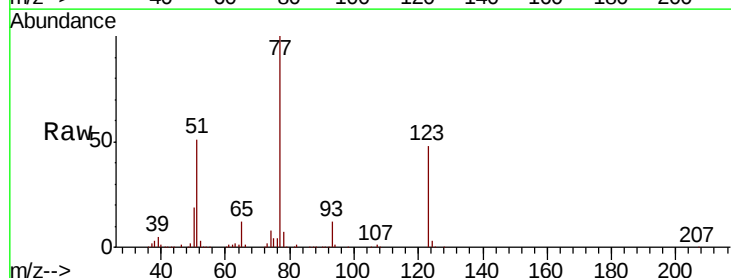
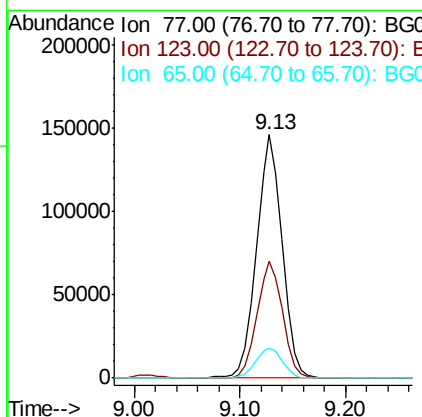
Manual Integrations
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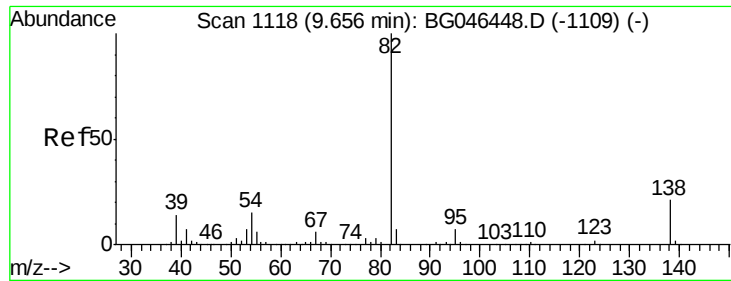
mohammad
 9/4/2020 1:55:09 PM



#24
 Nitrobenzene
 Concen: 42.725 ng
 RT: 9.13 min Scan# 1028
 Delta R.T. 0.00 min
 Lab File: BG046531.D
 Acq: 4 Sep 2020 00:54

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	246899		
123	48.1	39.6	59.4	
65	12.5	10.1	15.1	





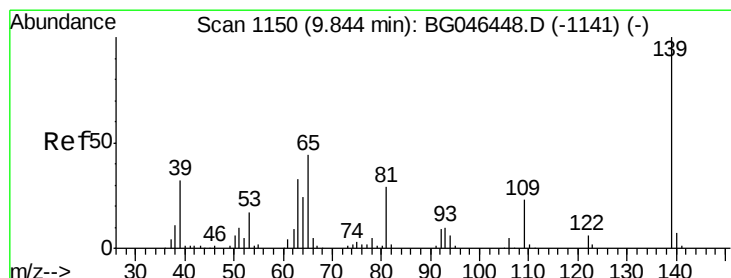
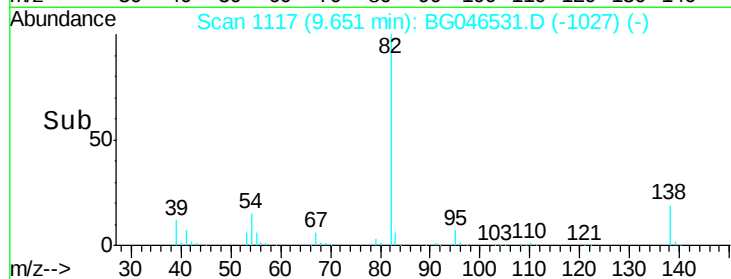
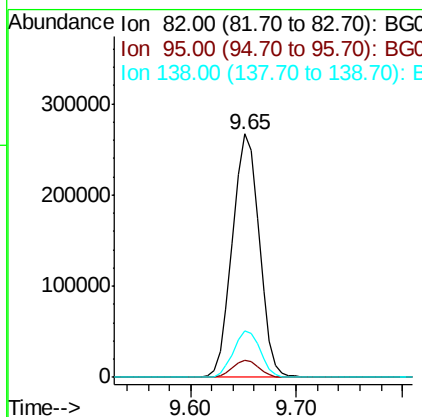
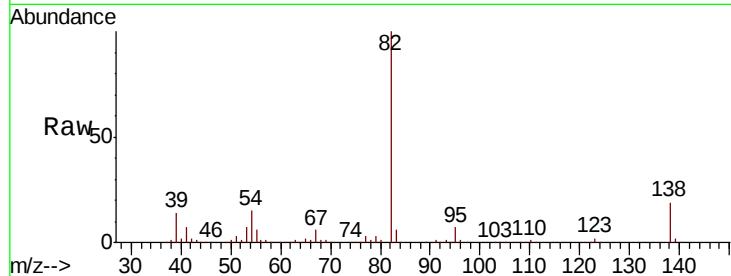
#25
Isophorone
Concen: 43.778 ng
RT: 9.65 min Scan# 1117
Delta R.T. 0.00 min
Lab File: BG046531.D
Acq: 4 Sep 2020 00:54

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

Tot Ion	Ratio	Lower	Upper
82	100		
95	6.9	5.8	8.6
138	19.3	16.4	24.6

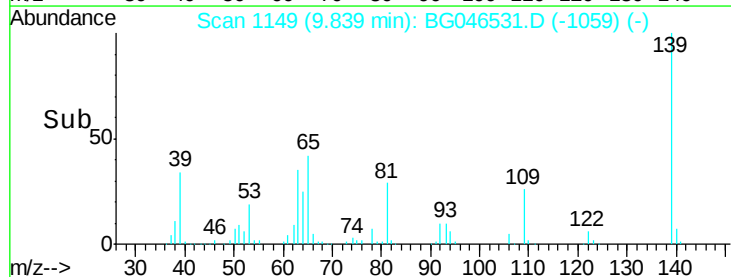
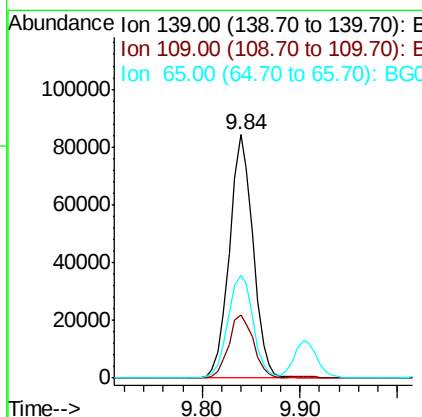
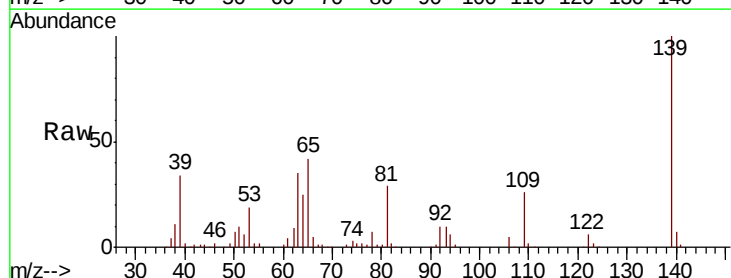
Manual Integrations
APPROVED

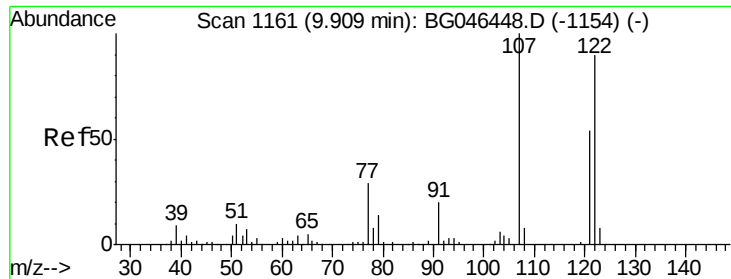
mohammad
9/4/2020 1:55:09 PM



#26
2-Nitrophenol
Concen: 46.418 ng
RT: 9.84 min Scan# 1149
Delta R.T. 0.00 min
Lab File: BG046531.D
Acq: 4 Sep 2020 00:54

Tgt Ion	Ratio	Lower	Upper
139	100		
109	25.7	18.8	28.2
65	42.4	35.0	52.6





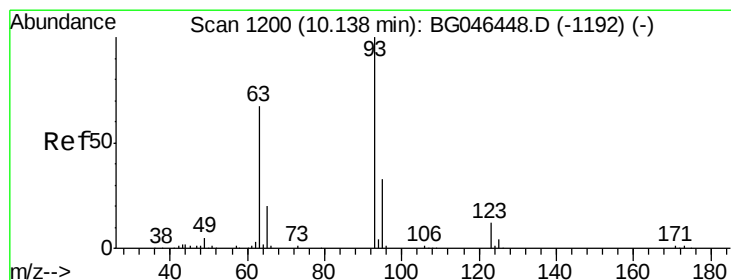
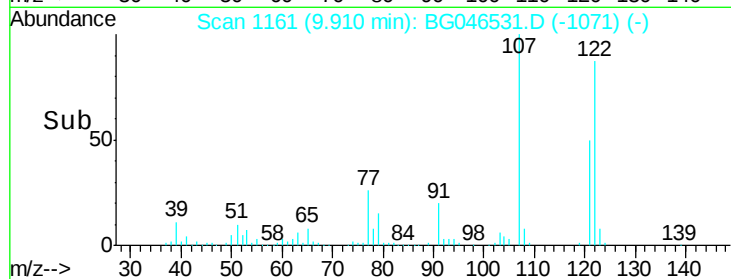
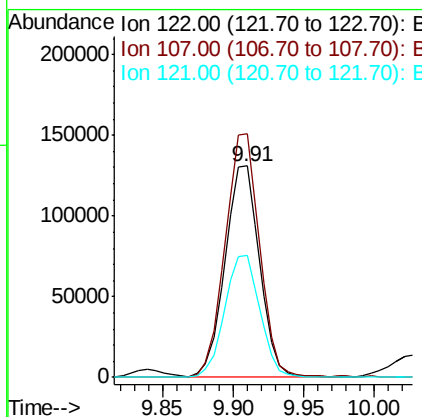
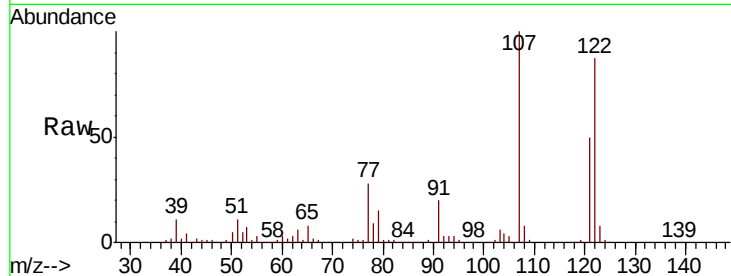
#27
 2,4-Dimethylphenol
 Concen: 52.864 ng
 RT: 9.91 min Scan# 1161
 Delta R.T. 0.00 min
 Lab File: BG046531.D
 Acq: 4 Sep 2020 00:54

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

Tot Ion	Ion	Ratio	Resp	Lower	Upper
122	100		221683		
107	115.2	88.2	132.2		
121	57.8	47.4	71.0		

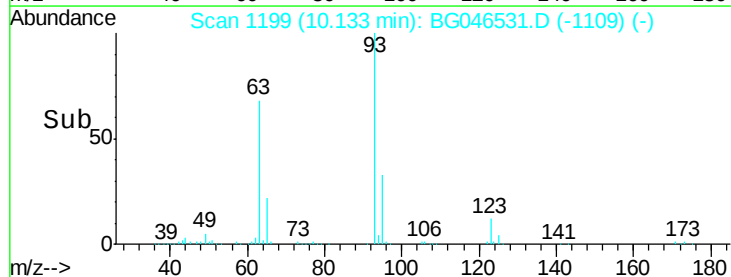
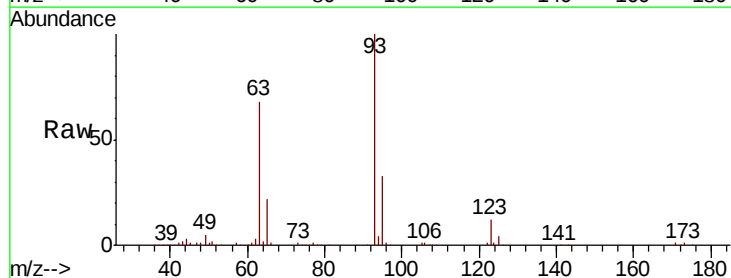
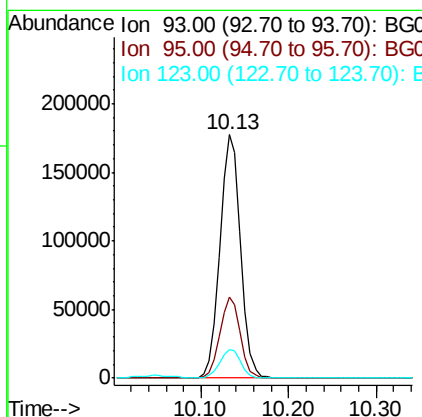
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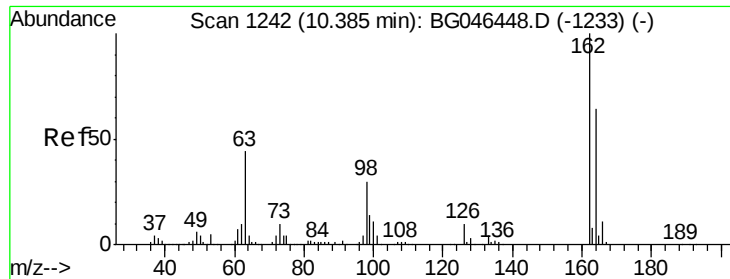
mohammad
 9/4/2020 1:55:09 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 41.786 ng
 RT: 10.13 min Scan# 1199
 Delta R.T. 0.00 min
 Lab File: BG046531.D
 Acq: 4 Sep 2020 00:54

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		288423		
95	33.5	26.1	39.1		
123	11.7	9.5	14.3		





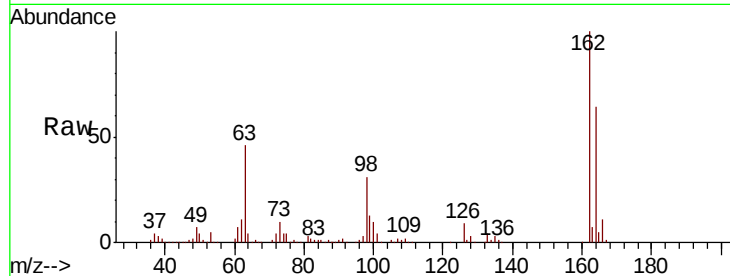
#29
2,4-Dichlorophenol
Concen: 46.222 ng
RT: 10.38 min Scan# 1241
Delta R.T. 0.00 min
Lab File: BG046531.D
Acq: 4 Sep 2020 00:54

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

Tot Ion	Ratio	Resp	Lower	Upper
162	100	258392		
164	64.3	44.3	84.3	
98	30.6	10.0	50.0	

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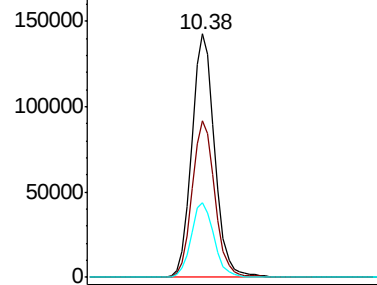


Abundance

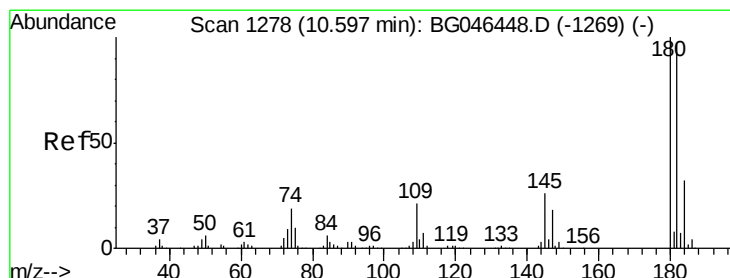
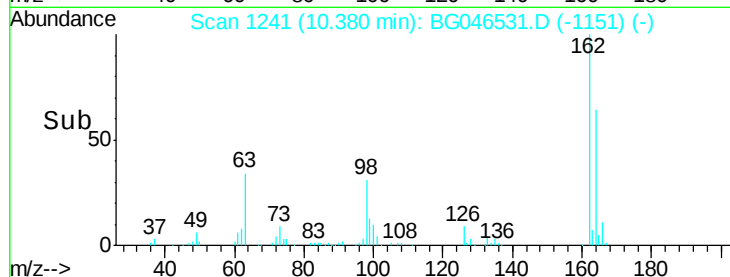
Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B

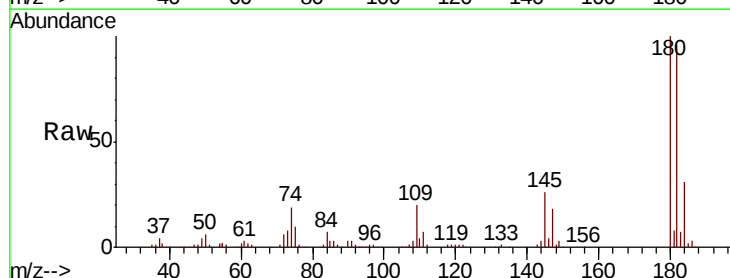


Time-->



#30
1,2,4-Trichlorobenzene
Concen: 40.778 ng
RT: 10.59 min Scan# 1277
Delta R.T. -0.01 min
Lab File: BG046531.D
Acq: 4 Sep 2020 00:54

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	270474		
182	96.4	77.8	116.8	
145	26.5	20.9	31.3	

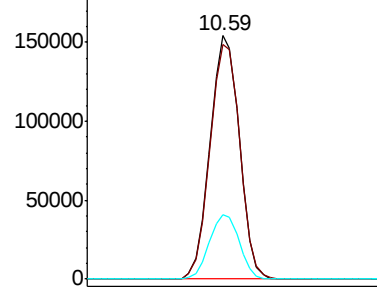


Abundance

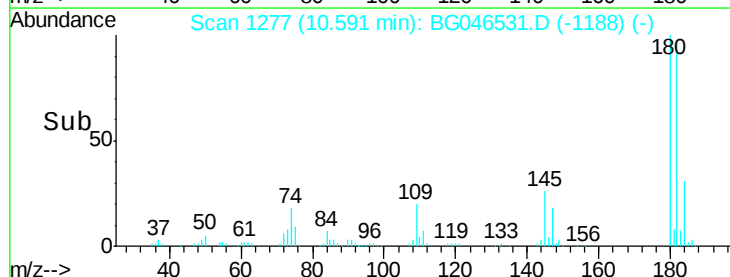
Ion 180.00 (179.70 to 180.70): E

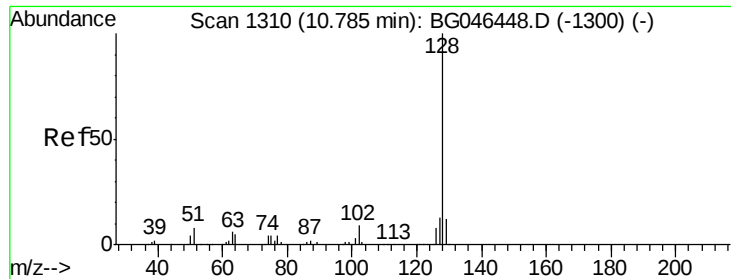
Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E



Time-->





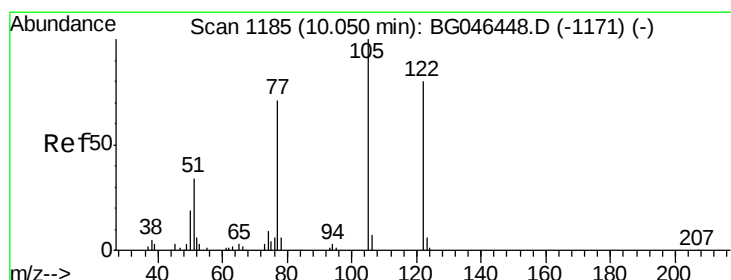
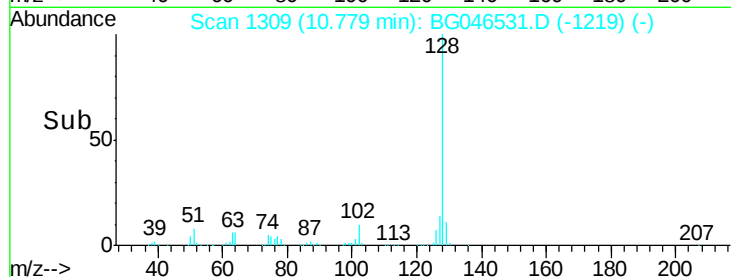
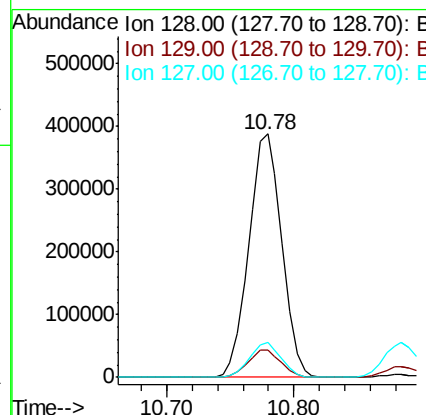
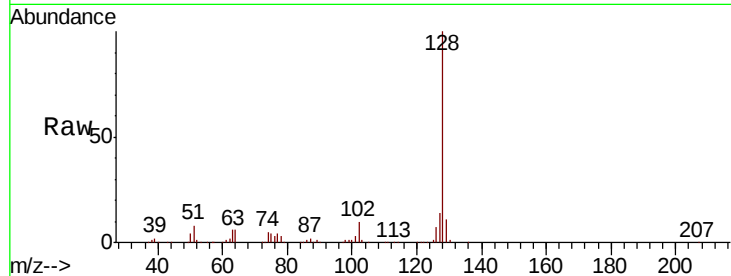
#31
Naphthalene
Concen: 42.906 ng
RT: 10.78 min Scan# 1309
Delta R.T. 0.00 min
Lab File: BG046531.D
Acq: 4 Sep 2020 00:54

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

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.2	13.8
127	14.3	10.7	16.1

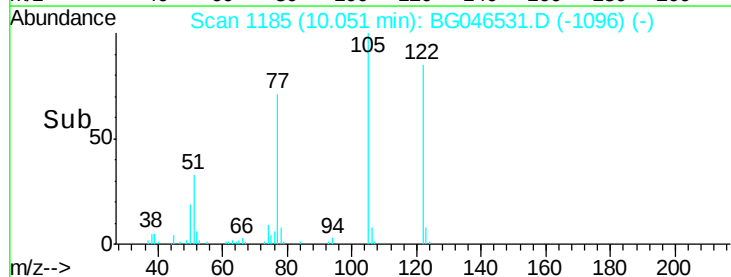
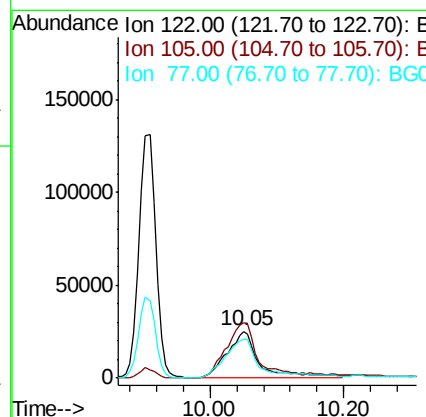
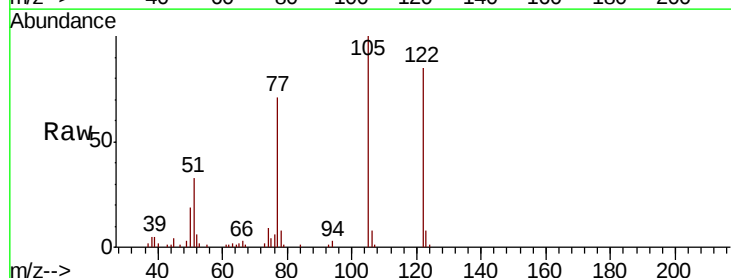
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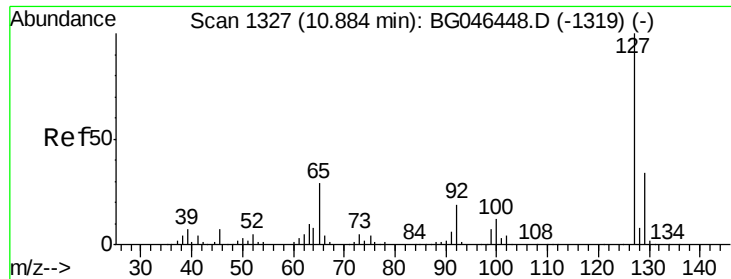
mohammad
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#32
Benzoic acid
Concen: 30.619 ng
RT: 10.05 min Scan# 1185
Delta R.T. -0.01 min
Lab File: BG046531.D
Acq: 4 Sep 2020 00:54

Tgt Ion	Ratio	Lower	Upper
122	100		
105	117.8	102.5	142.5
77	83.6	68.2	108.2





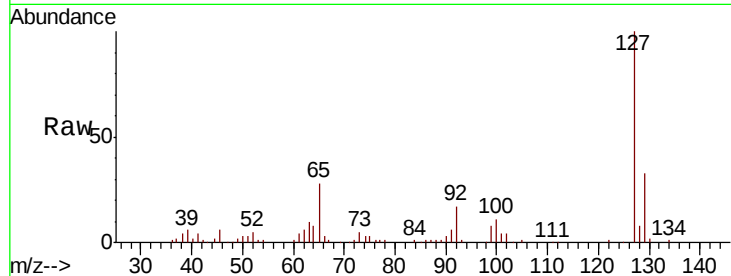
#33
4-Chloroaniline
Concen: 14.992 ng
RT: 10.88 min Scan# 1327
Delta R.T. 0.00 min
Lab File: BG046531.D
Acq: 4 Sep 2020 00:54

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

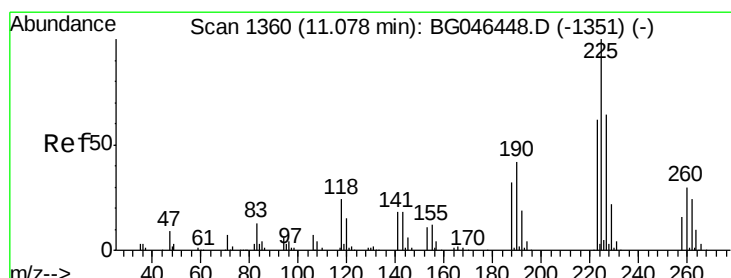
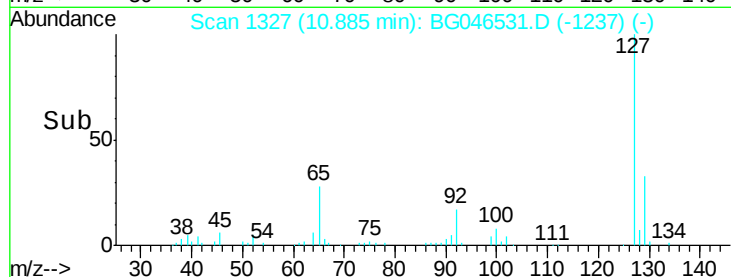
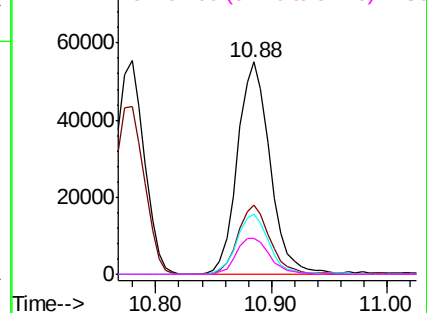
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.7	27.0	40.4		
65	28.0	23.5	35.3		
92	16.8	14.9	22.3		

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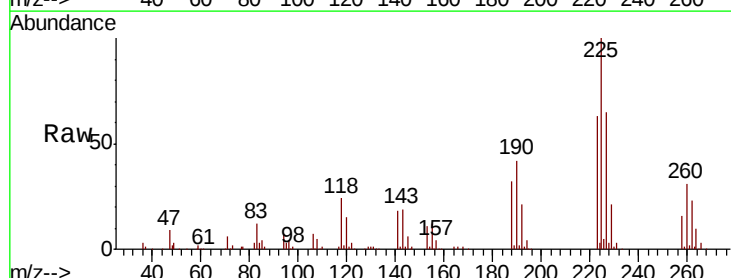


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

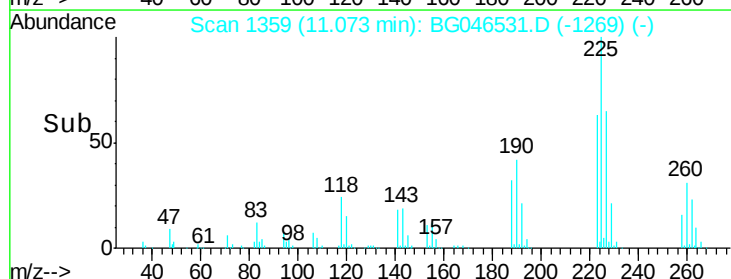
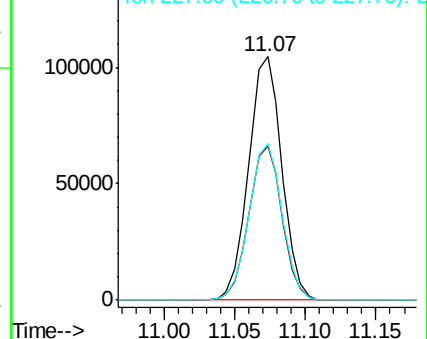


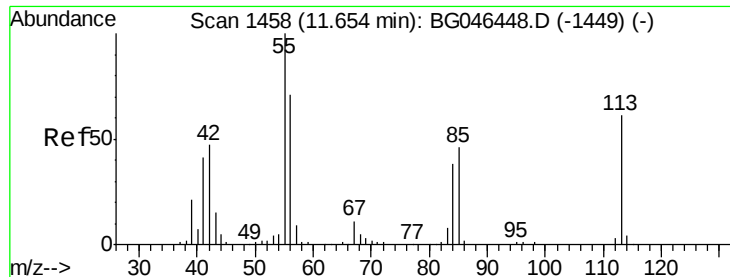
#34
Hexachlorobutadiene
Concen: 40.209 ng
RT: 11.07 min Scan# 1359
Delta R.T. 0.00 min
Lab File: BG046531.D
Acq: 4 Sep 2020 00:54

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.3	49.9	74.9		
227	64.6	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





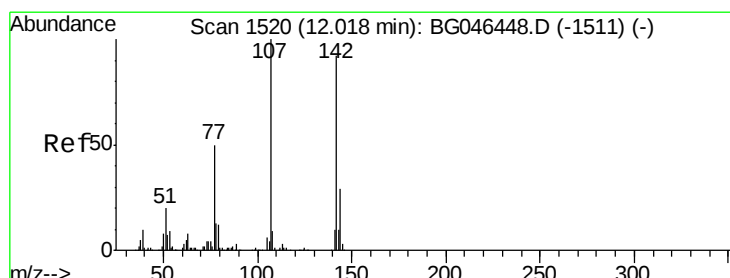
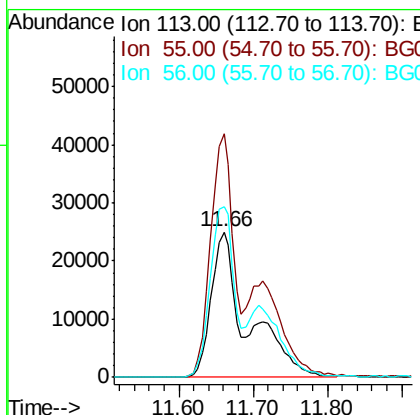
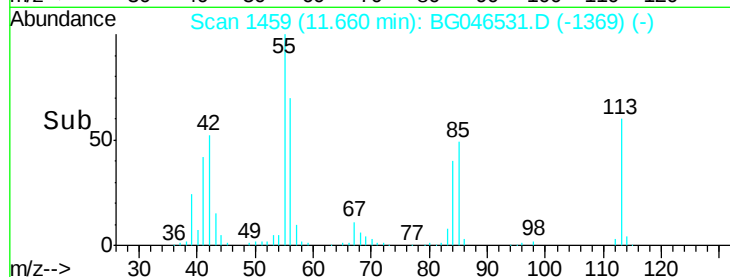
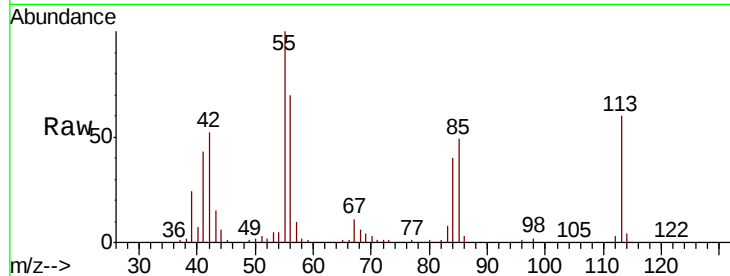
#35
 Caprolactam
 Concen: 40.266 ng/ml
 RT: 11.66 min Scan# 1459
 Delta R.T. 0.00 min
 Lab File: BG046531.D
 Acq: 4 Sep 2020 00:54

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

Tot Ion:113 Resp: 84141
 Ion Ratio Lower Upper
 113 100
 55 167.3 144.2 184.2
 56 117.6 97.0 137.0

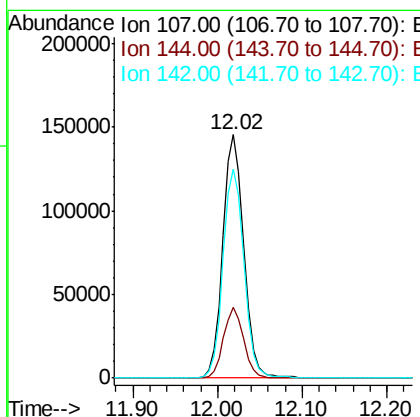
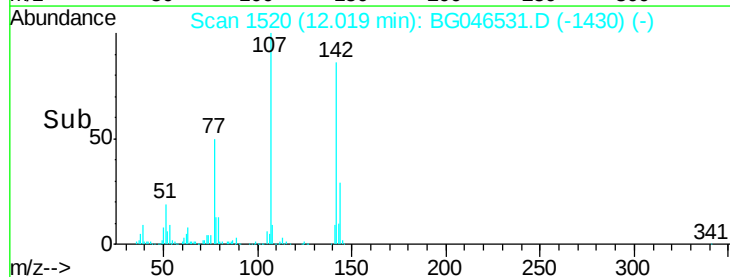
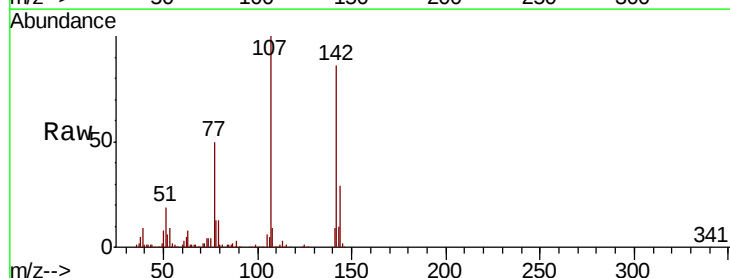
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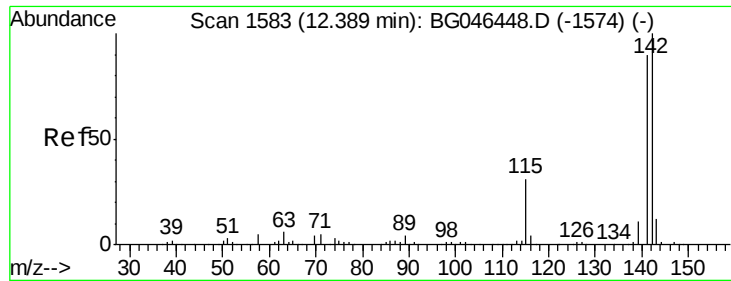
mohammad
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#36
 4-Chloro-3-methylphenol
 Concen: 45.705 ng
 RT: 12.02 min Scan# 1520
 Delta R.T. 0.00 min
 Lab File: BG046531.D
 Acq: 4 Sep 2020 00:54

Tgt Ion:107 Resp: 249897
 Ion Ratio Lower Upper
 107 100
 144 29.3 23.3 34.9
 142 86.1 73.7 110.5





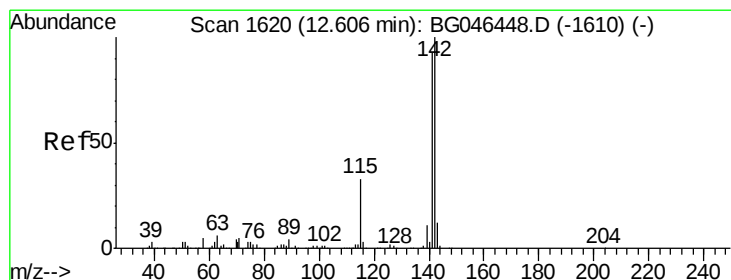
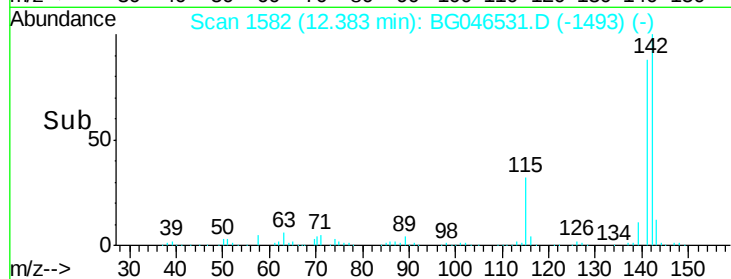
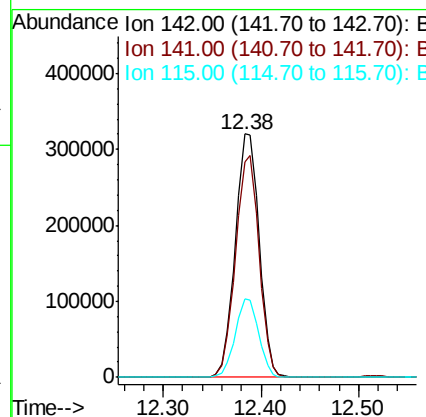
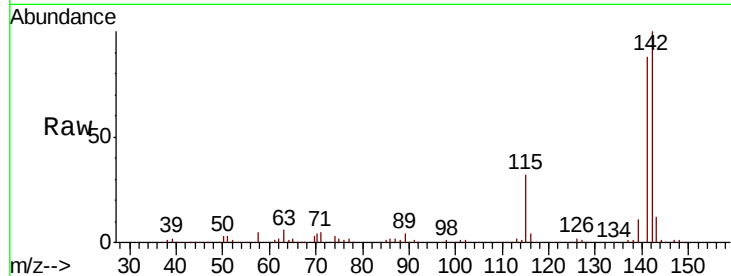
#37
2-Methylnaphthalene
Concen: 42.408 ng
RT: 12.38 min Scan# 1582
Delta R.T. -0.01 min
Lab File: BG046531.D
Acq: 4 Sep 2020 00:54

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

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.5	72.1	108.1
115	32.0	24.9	37.3

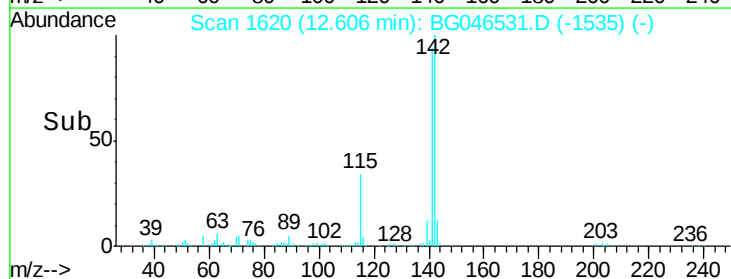
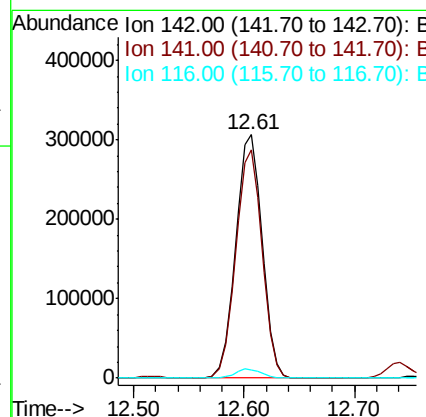
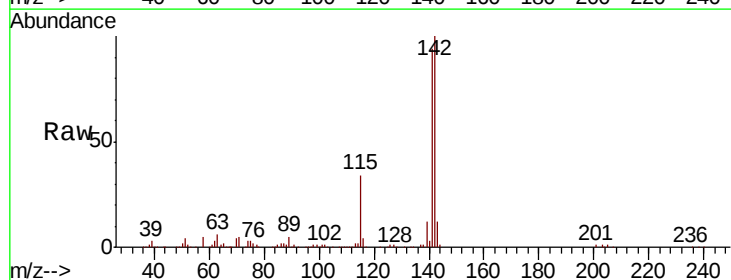
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#38
1-Methylnaphthalene
Concen: 42.187 ng
RT: 12.61 min Scan# 1620
Delta R.T. 0.00 min
Lab File: BG046531.D
Acq: 4 Sep 2020 00:54

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.0	74.7	112.1
116	3.5	2.6	4.0





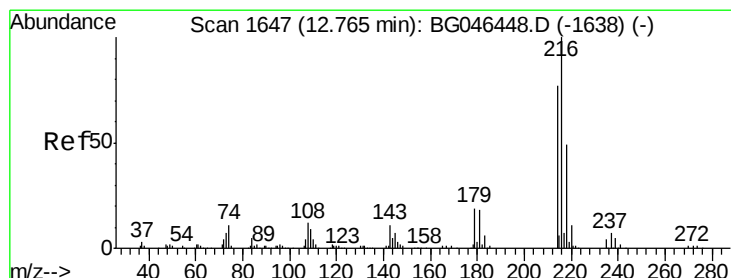
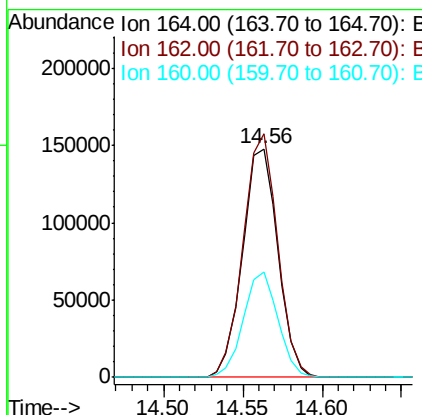
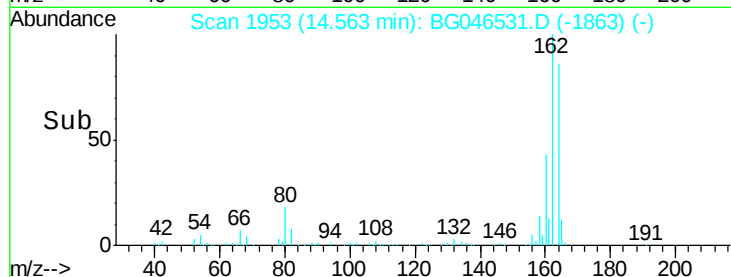
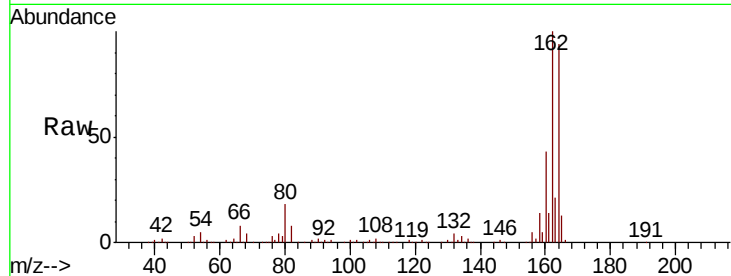
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.56 min Scan# 1953
Delta R.T. 0.00 min
Lab File: BG046531.D
Acq: 4 Sep 2020 00:54

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

Tot Ion	Ratio	Lower	Upper
164	100		
162	106.5	83.3	124.9
160	46.0	35.0	52.6

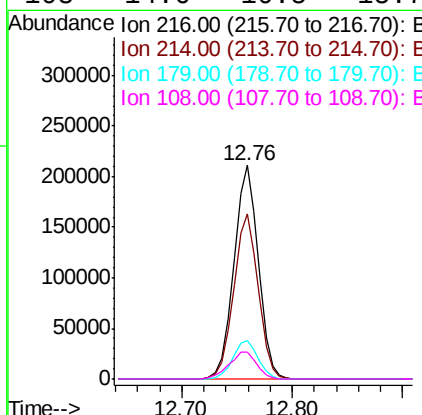
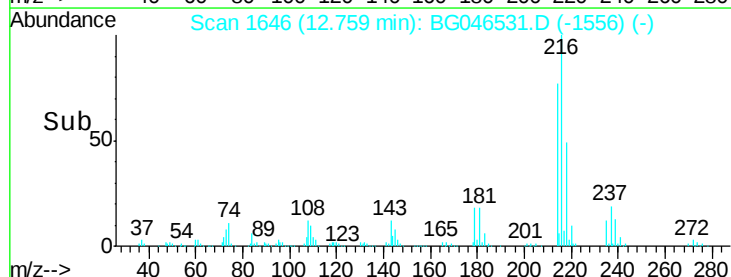
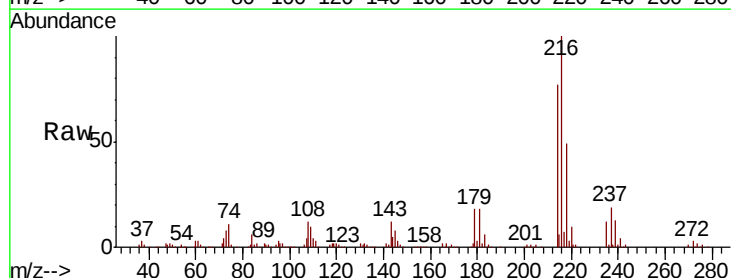
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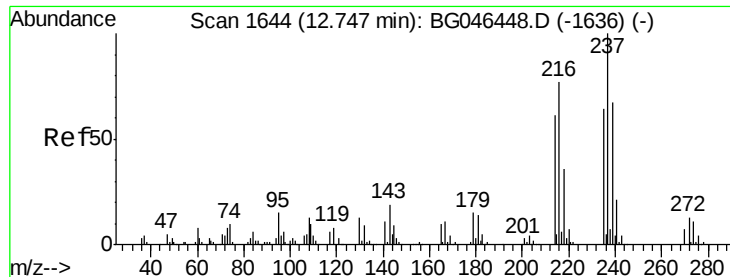
mohammad
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.125 ng
RT: 12.76 min Scan# 1646
Delta R.T. 0.00 min
Lab File: BG046531.D
Acq: 4 Sep 2020 00:54

Tgt Ion	Ratio	Lower	Upper
216	100		
214	77.4	62.1	93.1
179	18.5	14.9	22.3
108	14.6	10.5	15.7





#41

Hexachlorocyclopentadiene

Concen: 92.195 ng

RT: 12.74 min Scan# 1643

Delta R.T. 0.00 min

Lab File: BG046531.D

Acq: 4 Sep 2020 00:54

Instrument :

BNA_G

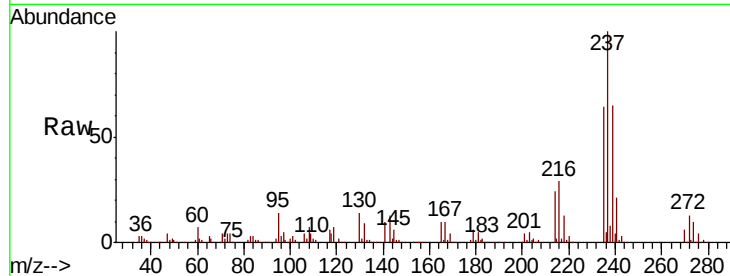
ClientSampleId :

9-2-TP-1MSD

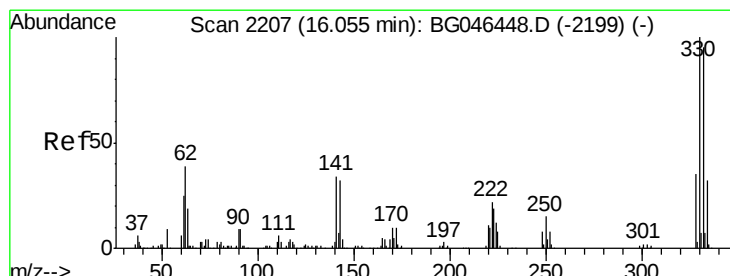
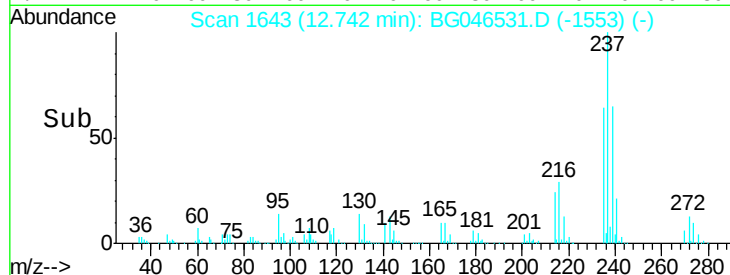
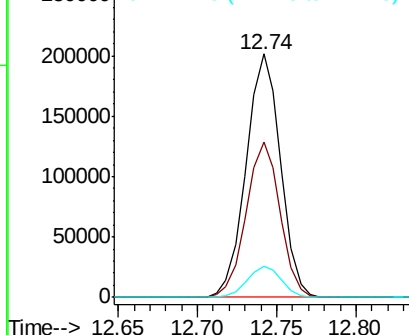
Tot Ion:	237	Resp:	303049
Ion Ratio	Lower	Upper	
237	100		
235	63.7	44.5	84.5
272	12.7	0.0	32.8

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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: 92.543 ng

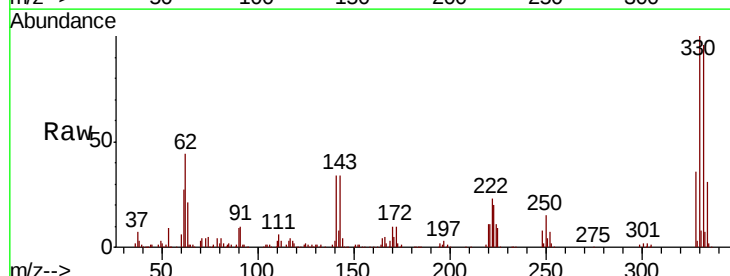
RT: 16.05 min Scan# 2206

Delta R.T. 0.00 min

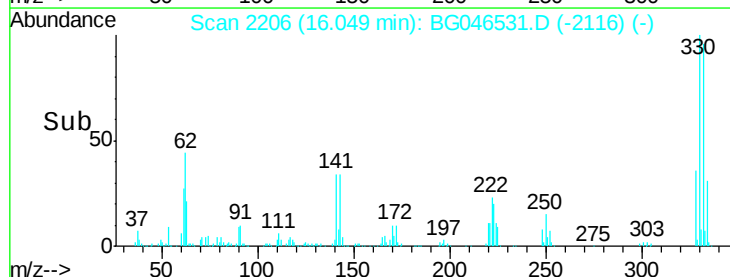
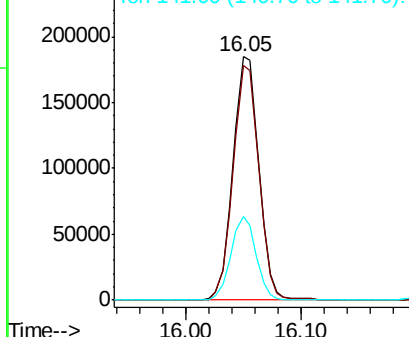
Lab File: BG046531.D

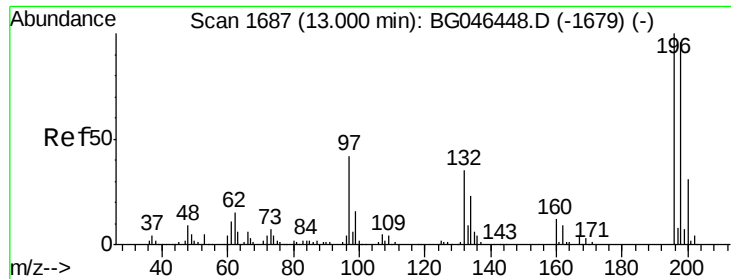
Acq: 4 Sep 2020 00:54

Tgt Ion:	330	Resp:	287445
Ion Ratio	Lower	Upper	
330	100		
332	96.1	76.1	114.1
141	33.7	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





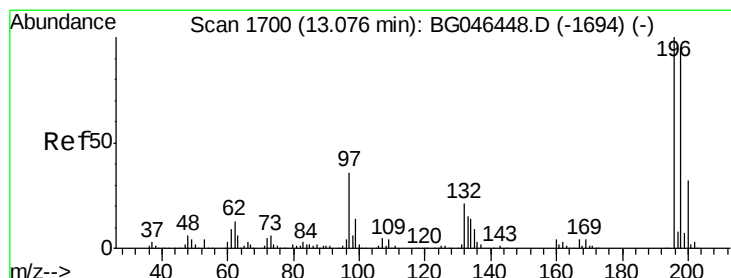
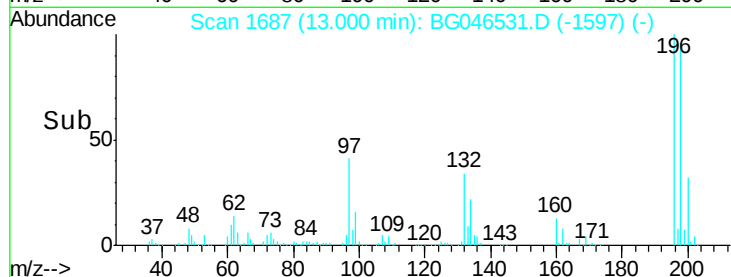
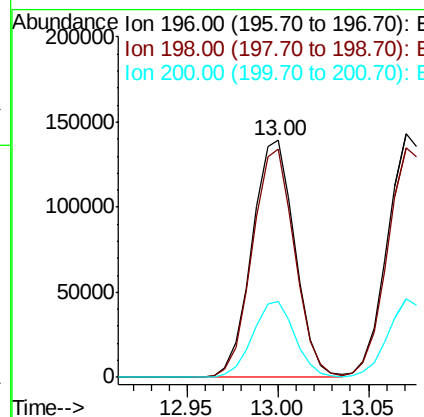
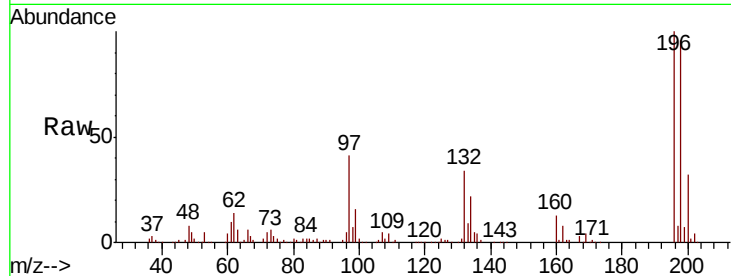
#43
 2,4,6-Trichlorophenol
 Concen: 44.861 ng
 RT: 13.00 min Scan# 1687
 Delta R.T. 0.00 min
 Lab File: BG046531.D
 Acq: 4 Sep 2020 00:54

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

Tot Ion	Ratio	Resp	Lower	Upper
196	100	228856		
198	96.1	77.0	115.6	
200	32.2	25.2	37.8	

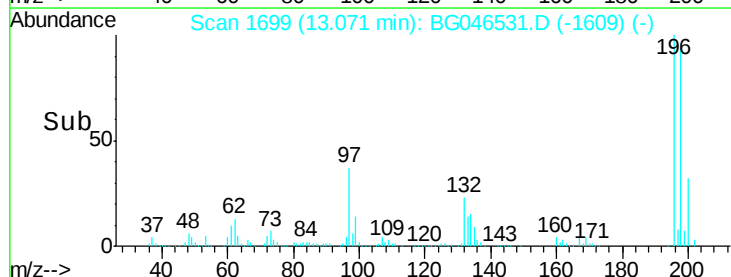
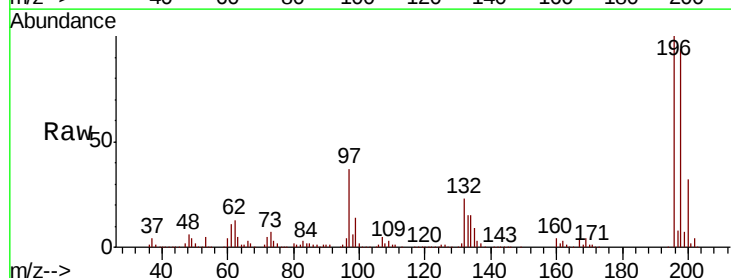
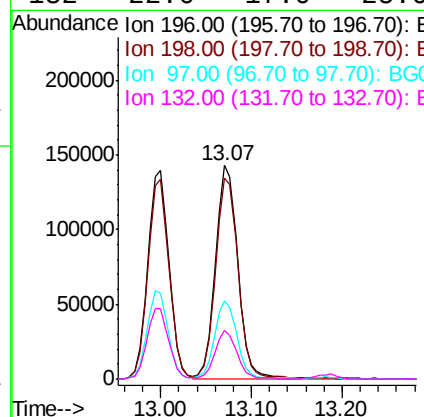
Manual Integrations
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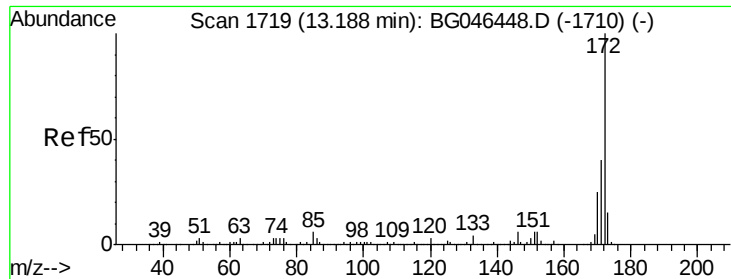
mohammad
 9/4/2020 1:55:09 PM



#44
 2,4,5-Trichlorophenol
 Concen: 45.741 ng
 RT: 13.07 min Scan# 1699
 Delta R.T. 0.00 min
 Lab File: BG046531.D
 Acq: 4 Sep 2020 00:54

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	245164		
198	94.4	75.6	113.4	
97	36.9	28.6	43.0	
132	22.6	17.0	25.6	





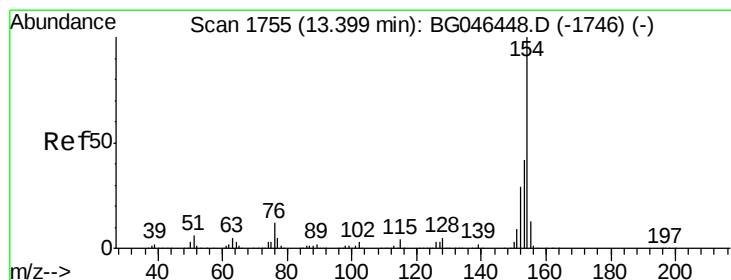
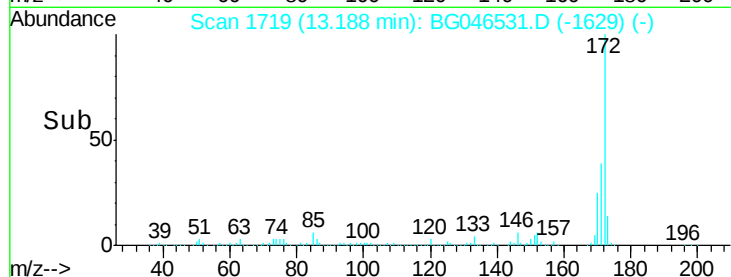
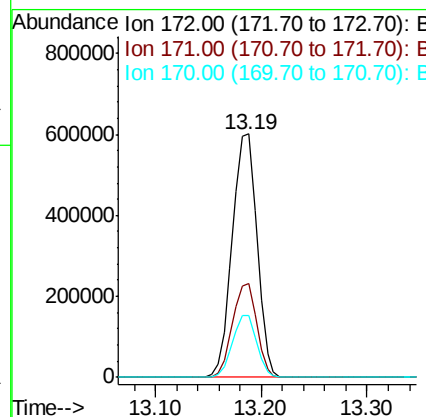
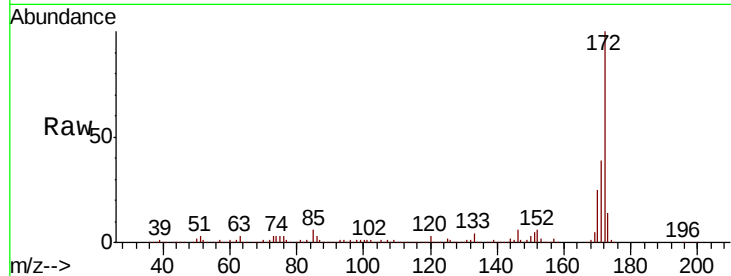
#45
 2-Fluorobiphenyl
 Concen: 64.751 ng
 RT: 13.19 min Scan# 1719
 Delta R.T. 0.00 min
 Lab File: BG046531.D
 Acq: 4 Sep 2020 00:54

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

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.7	31.8	47.6
170	25.2	20.3	30.5

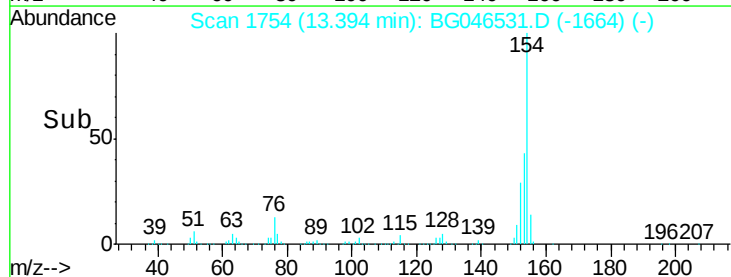
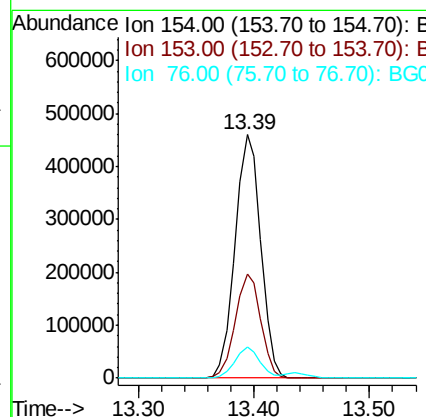
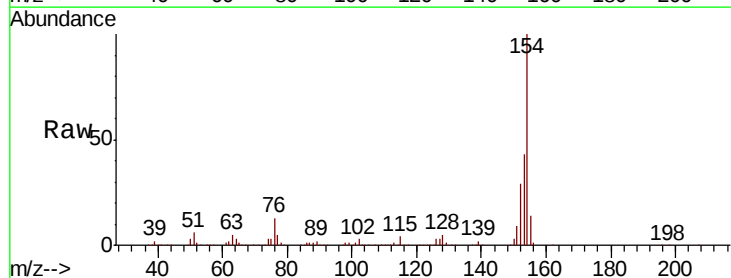
Manual Integrations
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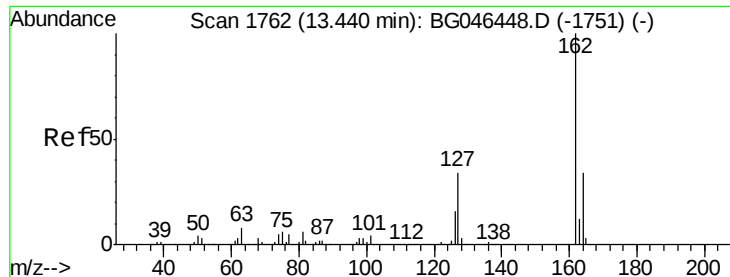
mohammad
 9/4/2020 1:55:09 PM



#46
 1,1'-Biphenyl
 Concen: 44.257 ng
 RT: 13.39 min Scan# 1754
 Delta R.T. 0.00 min
 Lab File: BG046531.D
 Acq: 4 Sep 2020 00:54

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.6	22.0	62.0
76	12.6	0.0	32.3





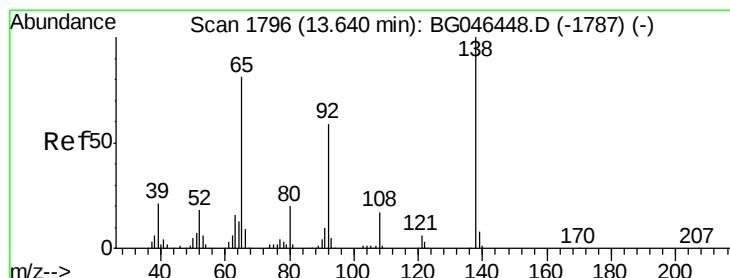
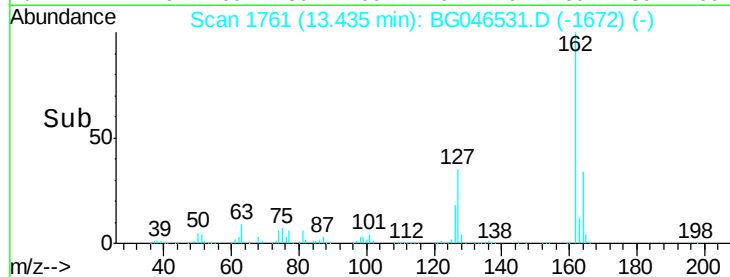
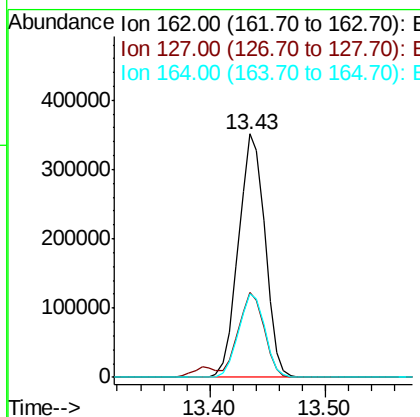
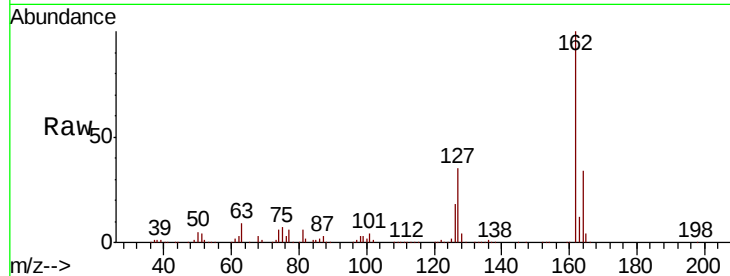
#47
2-Chloronaphthalene
Concen: 41.374 ng
RT: 13.43 min Scan# 1761
Delta R.T. -0.01 min
Lab File: BG046531.D
Acq: 4 Sep 2020 00:54

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

Tot Ion	Ratio	Lower	Upper
162	100		
127	34.9	27.6	41.4
164	34.2	27.3	40.9

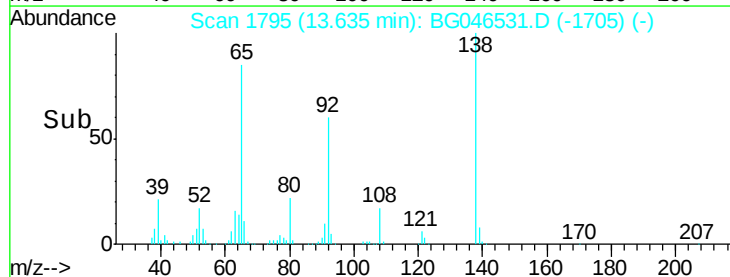
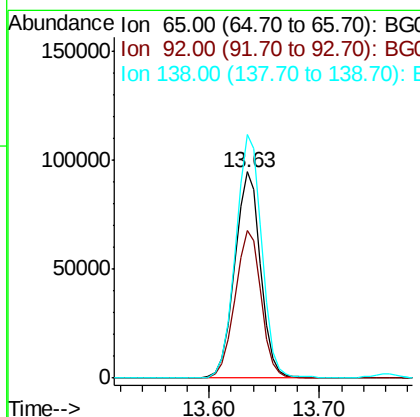
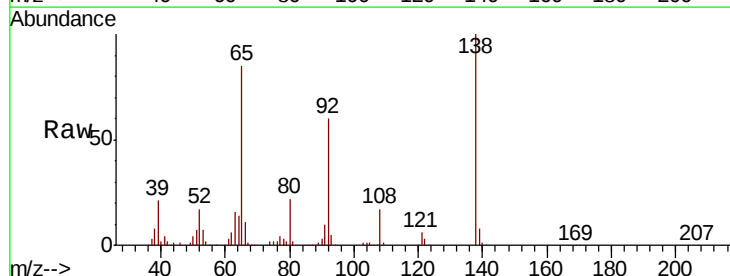
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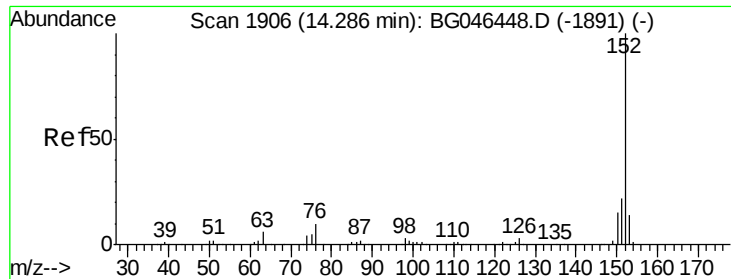
mohammad
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#48
2-Nitroaniline
Concen: 41.499 ng
RT: 13.63 min Scan# 1795
Delta R.T. 0.00 min
Lab File: BG046531.D
Acq: 4 Sep 2020 00:54

Tgt Ion	Ratio	Lower	Upper
65	100		
92	71.4	58.5	87.7
138	118.0	98.4	147.6





#49

Acenaphthylene

Concen: 42.700 ng

RT: 14.28 min Scan# 1905

Delta R.T. -0.01 min

Lab File: BG046531.D

Acq: 4 Sep 2020 00:54

Instrument :

BNA_G

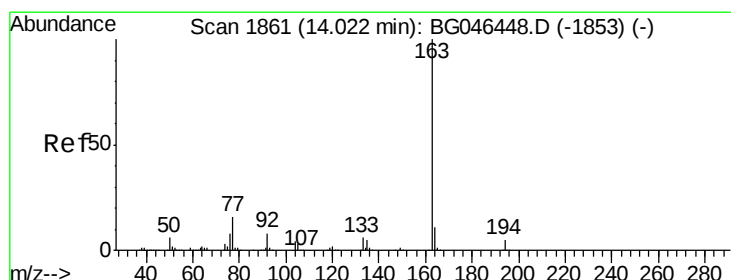
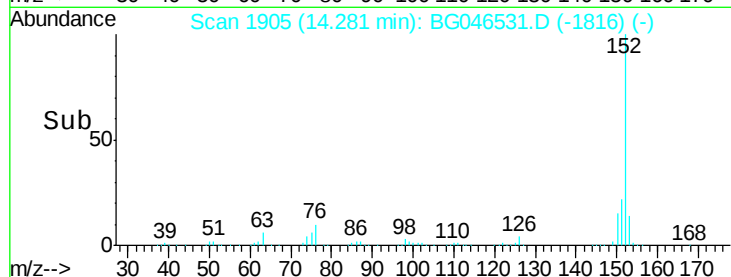
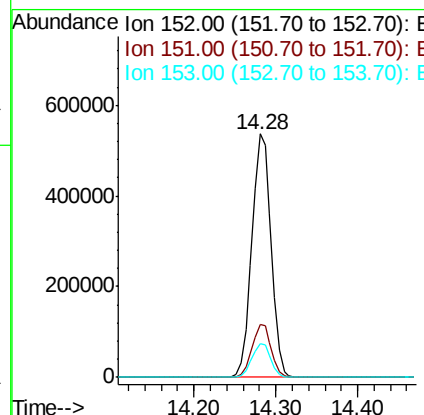
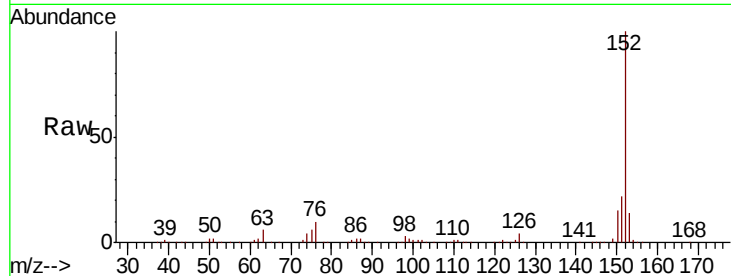
ClientSampleId :

9-2-TP-1MSD

Tot Ion:	152	Resp:	875908
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: 45.107 ng

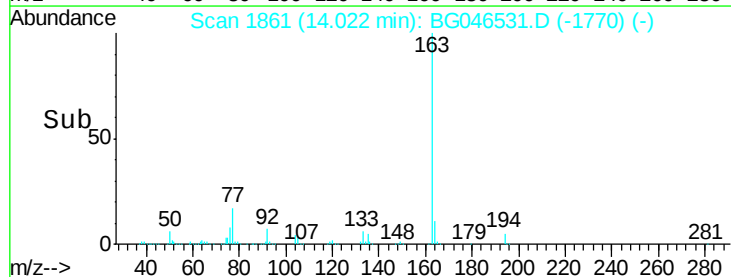
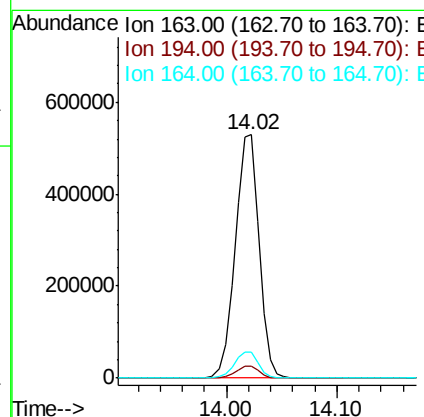
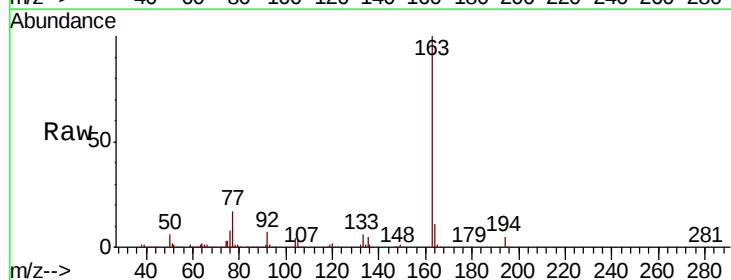
RT: 14.02 min Scan# 1861

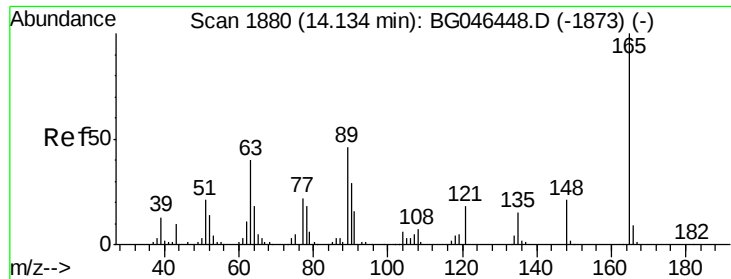
Delta R.T. 0.01 min

Lab File: BG046531.D

Acq: 4 Sep 2020 00:54

Tgt Ion:	163	Resp:	799984
Ion Ratio	Lower	Upper	
163	100		
194	5.0	3.7	5.5
164	10.9	8.6	12.8





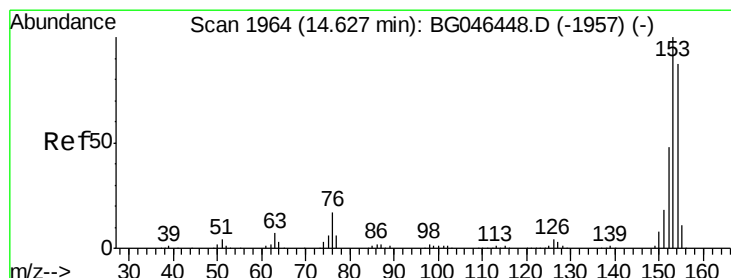
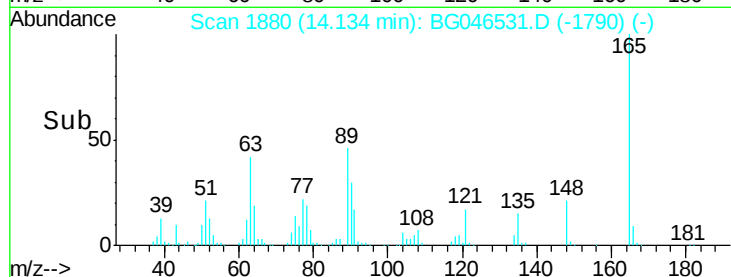
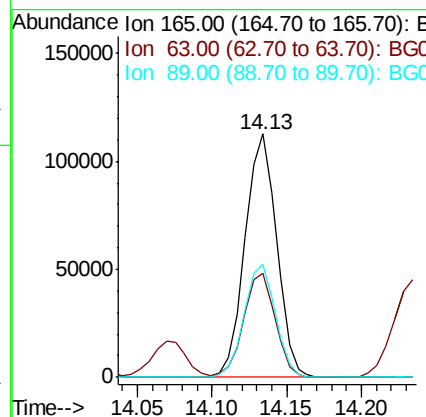
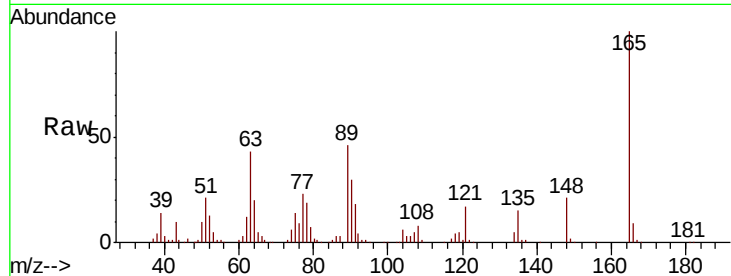
#51
 2,6-Dinitrotoluene
 Concen: 42.232 ng
 RT: 14.13 min Scan# 1880
 Delta R.T. 0.00 min
 Lab File: BG046531.D
 Acq: 4 Sep 2020 00:54

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

Tot Ion	Ratio	Resp	Lower	Upper
165	100	165105		
63	42.8		34.2	51.4
89	46.2		37.0	55.4

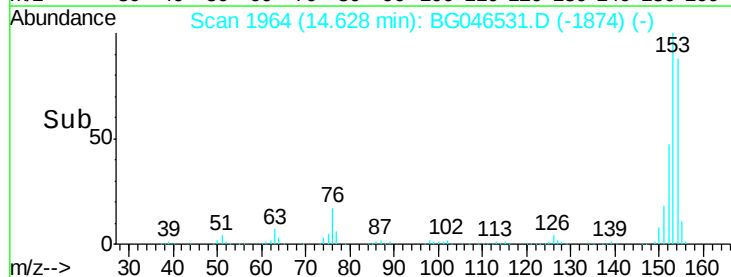
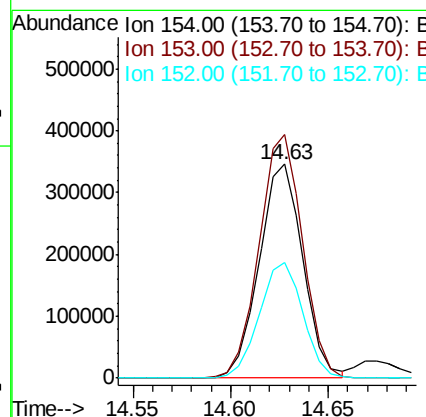
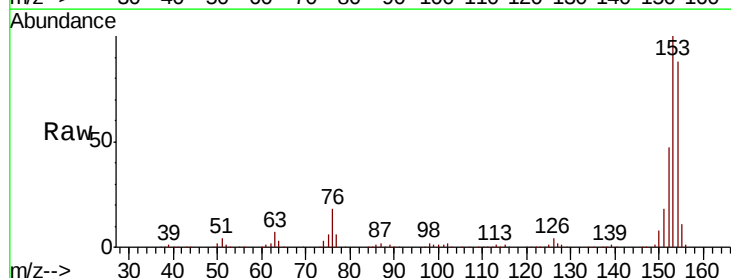
Manual Integrations
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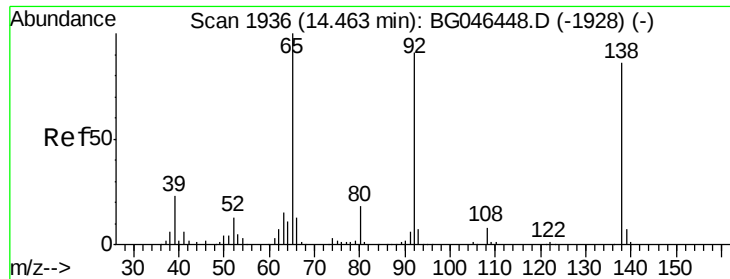
mohammad
 9/4/2020 1:55:09 PM



#52
 Acenaphthene
 Concen: 42.097 ng
 RT: 14.63 min Scan# 1964
 Delta R.T. 0.00 min
 Lab File: BG046531.D
 Acq: 4 Sep 2020 00:54

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	535116		
153	113.9		91.9	137.9
152	54.1		43.8	65.6





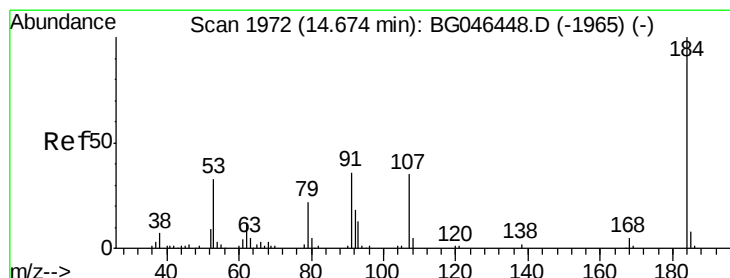
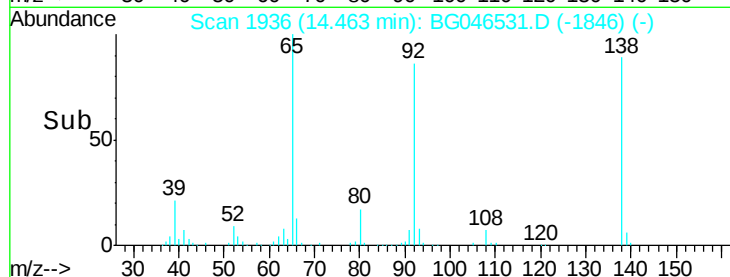
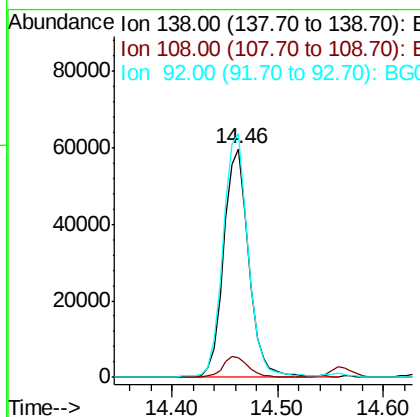
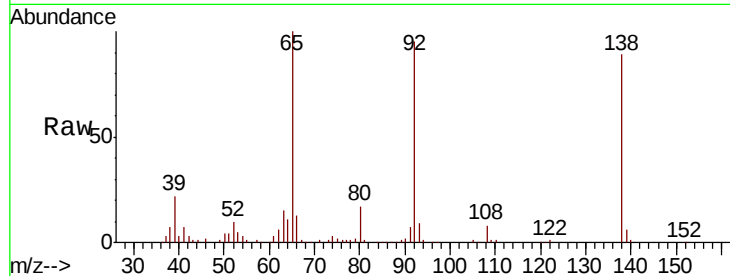
#53
3-Nitroaniline
Concen: 23.276 ng
RT: 14.46 min Scan# 1936
Delta R.T. 0.00 min
Lab File: BG046531.D
Acq: 4 Sep 2020 00:54

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

Tot Ion	Ratio	Lower	Upper
138	100		
108	8.6	7.0	10.6
92	106.4	84.6	127.0

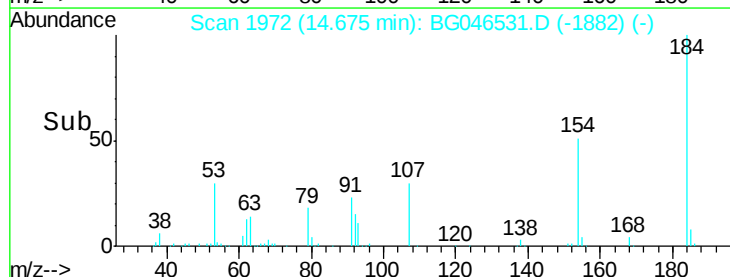
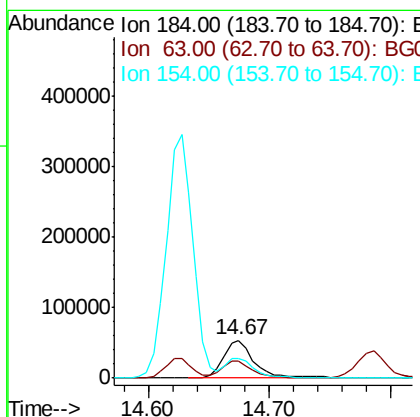
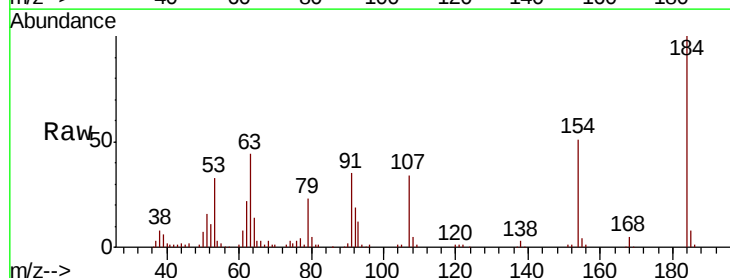
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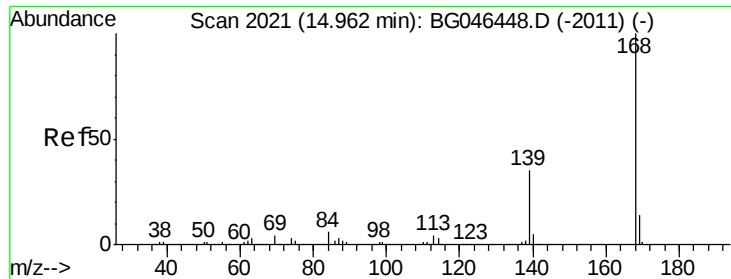
mohammad
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#54
2,4-Dinitrophenol
Concen: 41.350 ng
RT: 14.67 min Scan# 1972
Delta R.T. 0.00 min
Lab File: BG046531.D
Acq: 4 Sep 2020 00:54

Tgt Ion	Ratio	Lower	Upper
184	100		
63	44.5	35.6	53.4
154	51.0	44.3	66.5





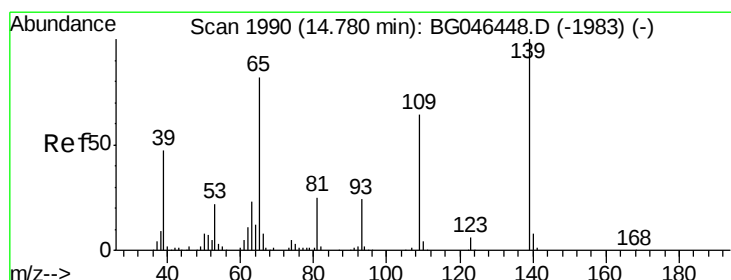
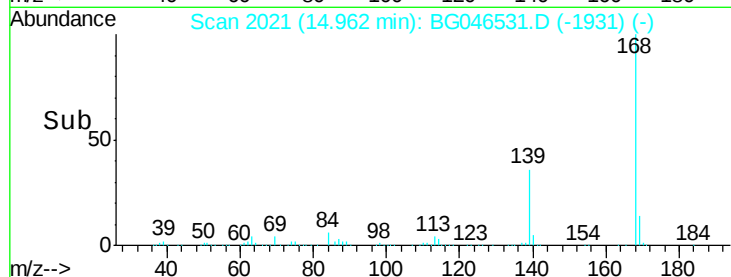
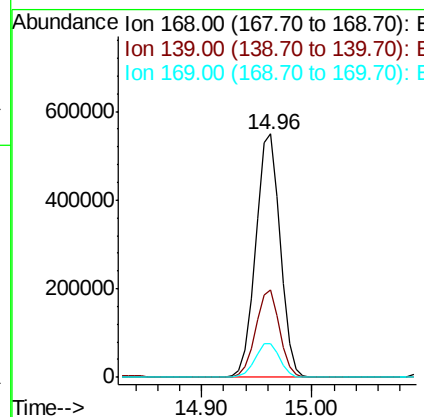
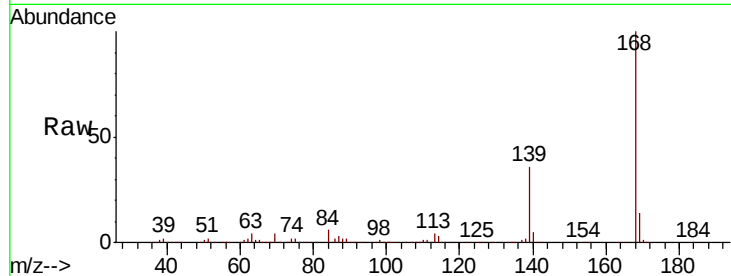
#55
Dibenzenofuran
Concen: 41.769 ng
RT: 14.96 min Scan# 2021
Delta R.T. 0.00 min
Lab File: BG046531.D
Acq: 4 Sep 2020 00:54

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

Tot Ion	Ratio	Lower	Upper
168	100		
139	35.7	28.1	42.1
169	14.1	11.5	17.3

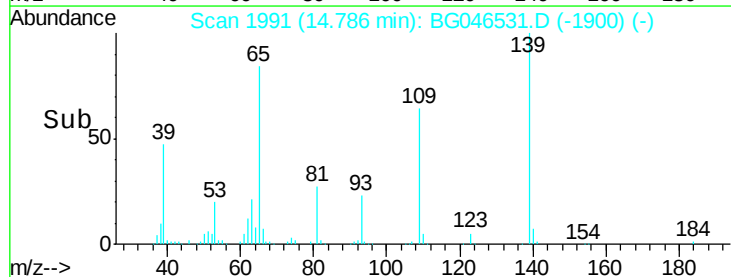
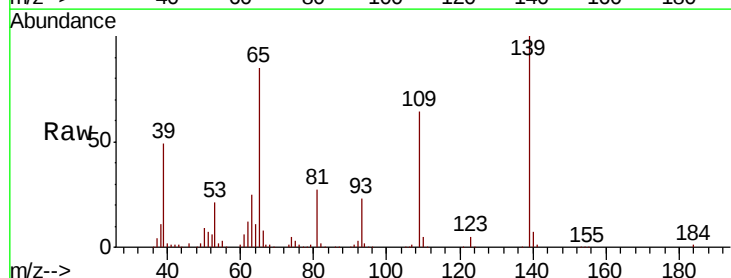
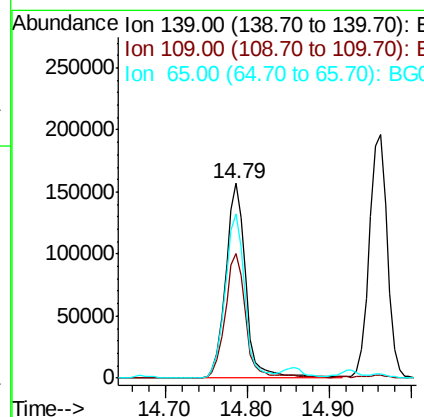
Manual Integrations
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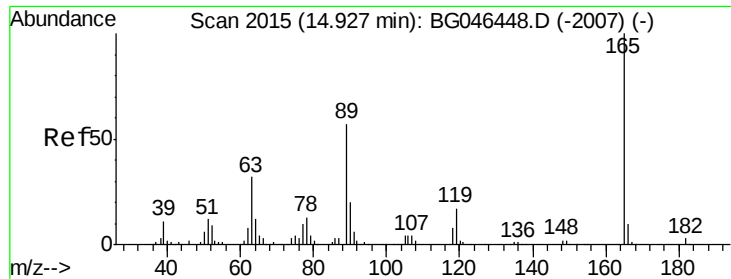
mohammad
9/4/2020 1:55:09 PM



#56
4-Nitrophenol
Concen: 86.110 ng
RT: 14.79 min Scan# 1991
Delta R.T. 0.01 min
Lab File: BG046531.D
Acq: 4 Sep 2020 00:54

Tgt Ion	Ratio	Lower	Upper
139	100		
109	64.3	44.3	84.3
65	84.6	61.5	101.5





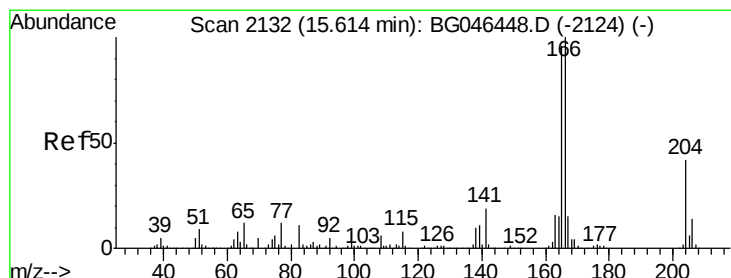
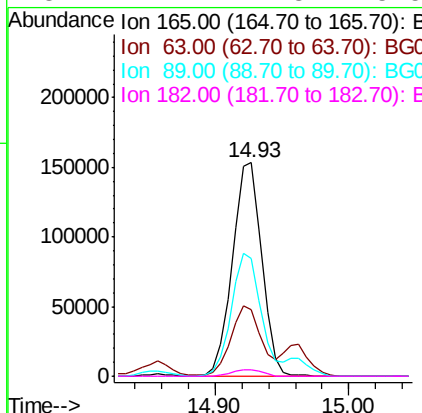
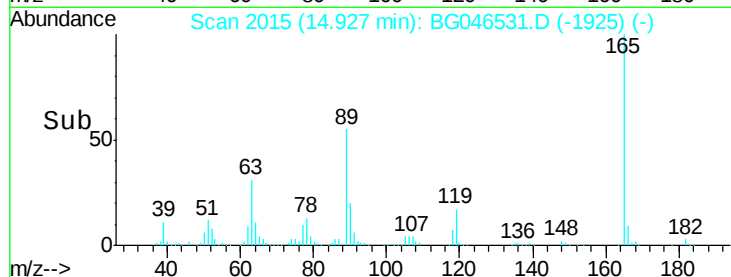
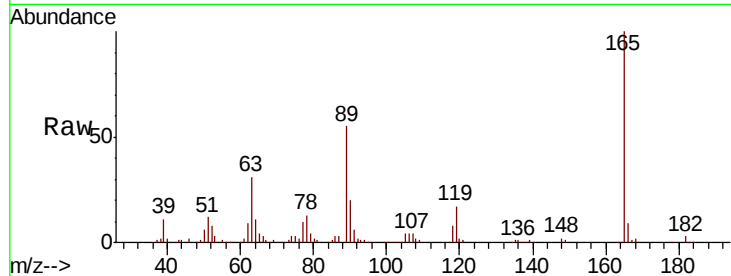
#57
2,4-Dinitrotoluene
Concen: 42.114 ng
RT: 14.93 min Scan# 2015
Delta R.T. 0.00 min
Lab File: BG046531.D
Acq: 4 Sep 2020 00:54

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

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		234761		
63	31.4	25.4	38.0		
89	55.0	45.9	68.9		
182	2.7	2.3	3.5		

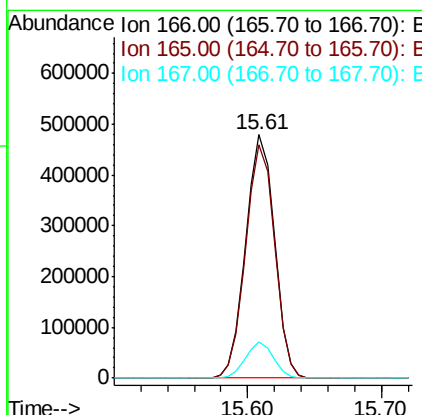
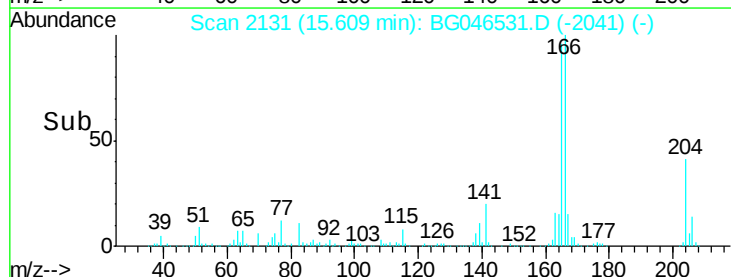
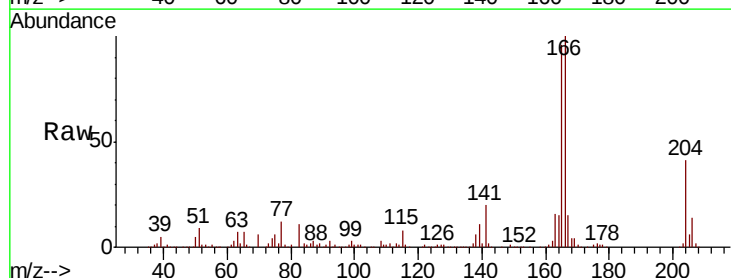
Manual Integrations
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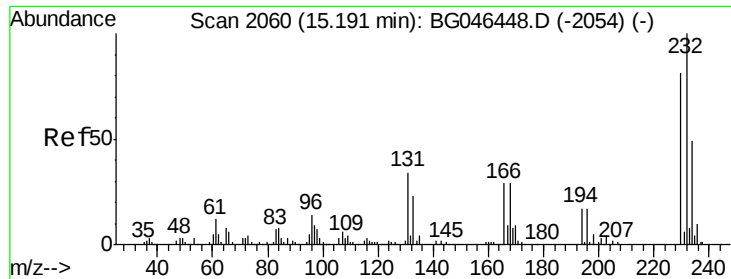
mohammad
9/4/2020 1:55:09 PM



#58
Fluorene
Concen: 41.619 ng
RT: 15.61 min Scan# 2131
Delta R.T. 0.00 min
Lab File: BG046531.D
Acq: 4 Sep 2020 00:54

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		712589		
165	96.1	77.0	115.4		
167	14.9	11.8	17.6		





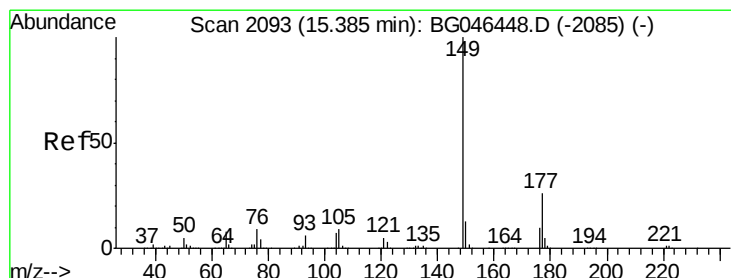
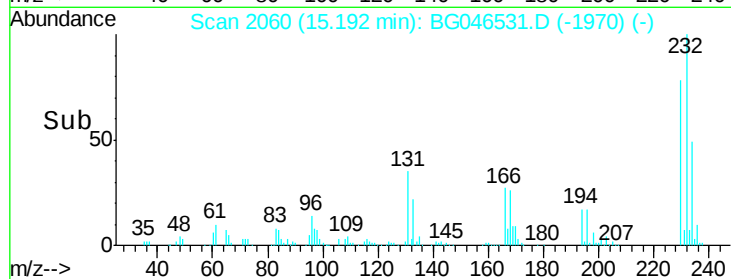
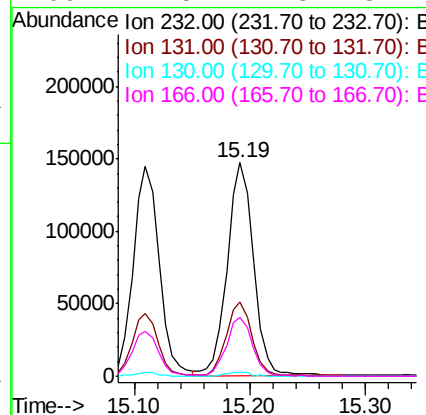
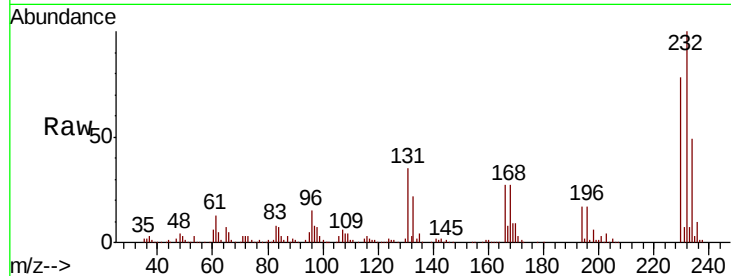
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 44.516 ng
 RT: 15.19 min Scan# 2060
 Delta R.T. 0.00 min
 Lab File: BG046531.D
 Acq: 4 Sep 2020 00:54

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

Tot Ion	Ratio	Resp	Lower	Upper
232	100	231699		
131	33.9		26.8	40.2
130	1.7		1.4	2.2
166	27.5		22.8	34.2

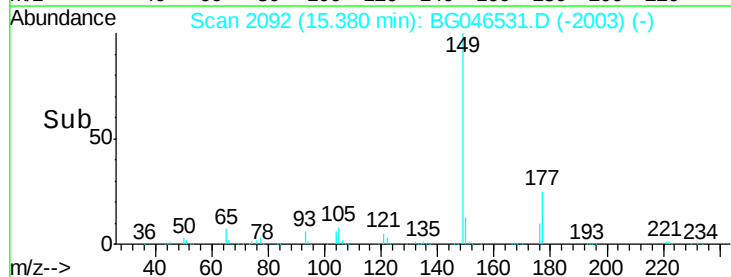
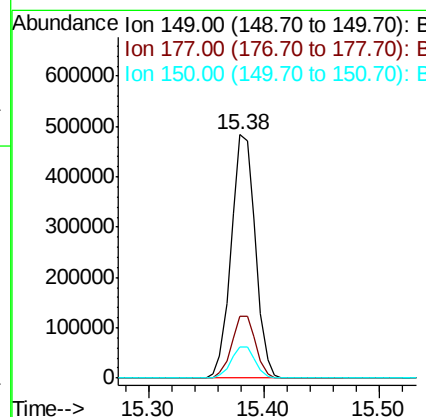
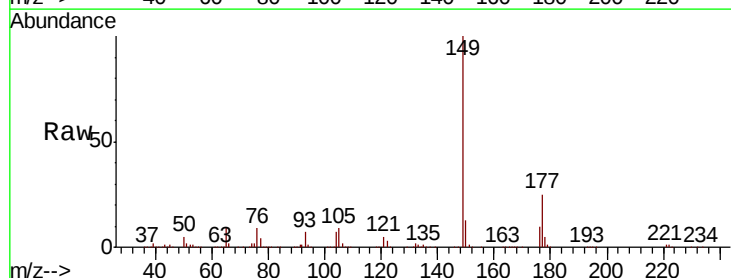
Manual Integrations
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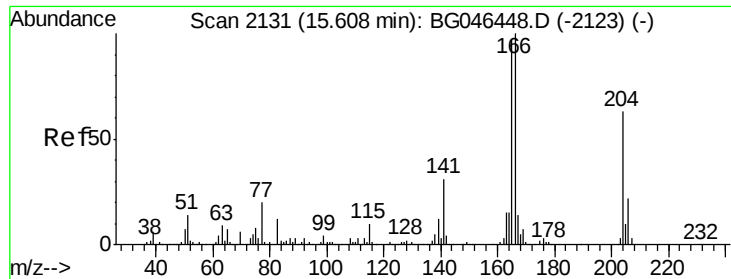
mohammad
 9/4/2020 1:55:09 PM



#60
 Diethylphthalate
 Concen: 40.230 ng
 RT: 15.38 min Scan# 2092
 Delta R.T. -0.01 min
 Lab File: BG046531.D
 Acq: 4 Sep 2020 00:54

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	695653		
177	25.3		20.6	30.8
150	12.8		10.3	15.5





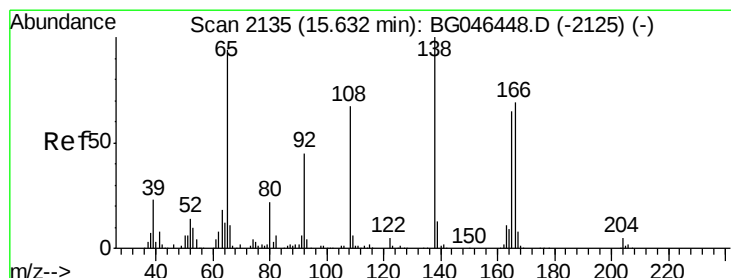
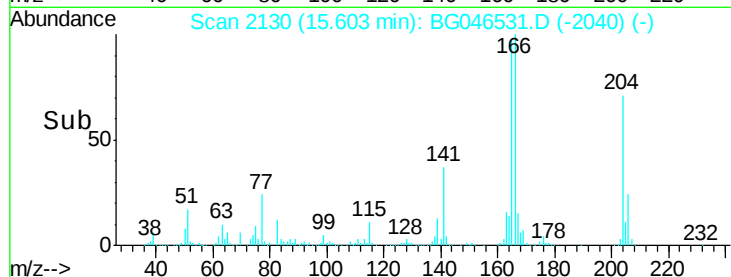
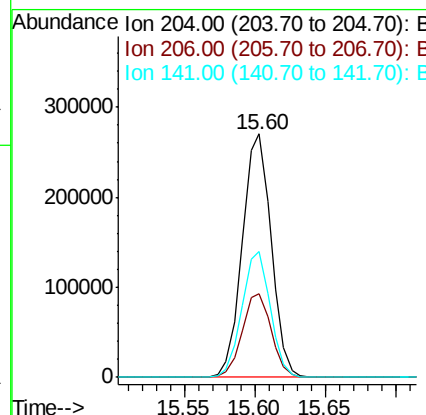
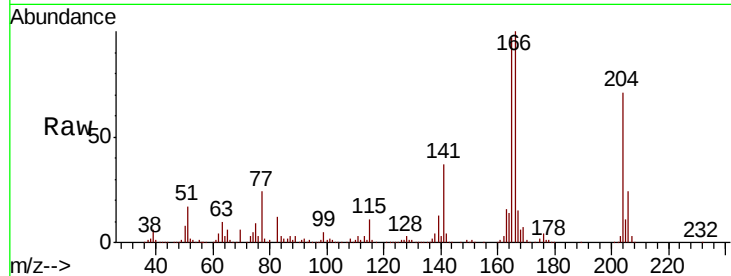
#61
 4-Chlorophenyl-phenylether
 Concen: 40.975 ng
 RT: 15.60 min Scan# 2130
 Delta R.T. 0.00 min
 Lab File: BG046531.D
 Acq: 4 Sep 2020 00:54

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

Tot Ion	Ratio	Resp	Lower	Upper
204	100			
206	34.4	27.7	41.5	
141	51.5	38.7	58.1	

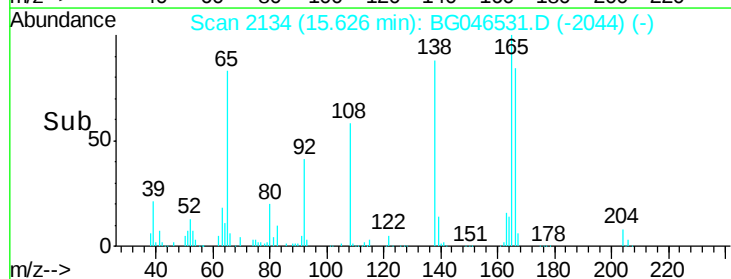
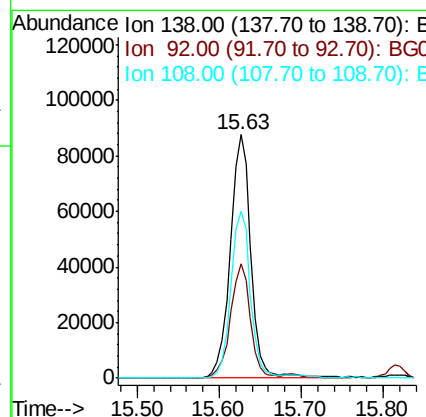
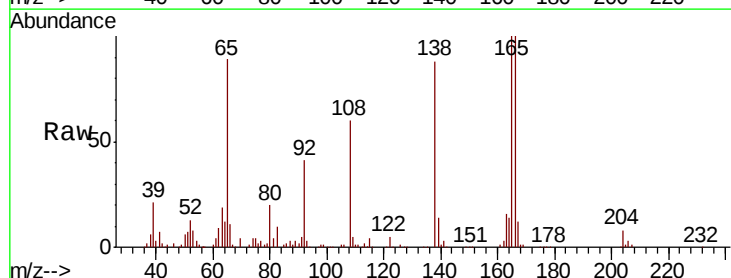
Manual Integrations
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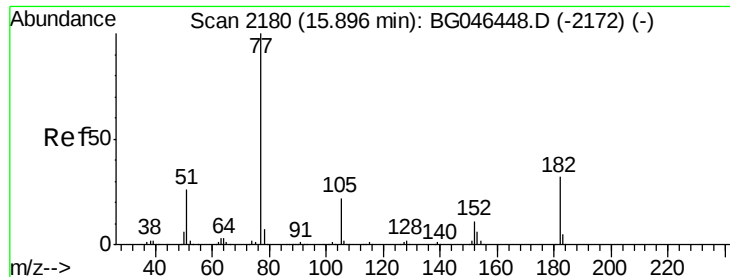
mohammad
 9/4/2020 1:55:09 PM



#62
 4-Nitroaniline
 Concen: 34.485 ng
 RT: 15.63 min Scan# 2134
 Delta R.T. 0.00 min
 Lab File: BG046531.D
 Acq: 4 Sep 2020 00:54

Tgt Ion	Ratio	Resp	Lower	Upper
138	100			
92	47.0	25.3	65.3	
108	68.5	46.7	86.7	





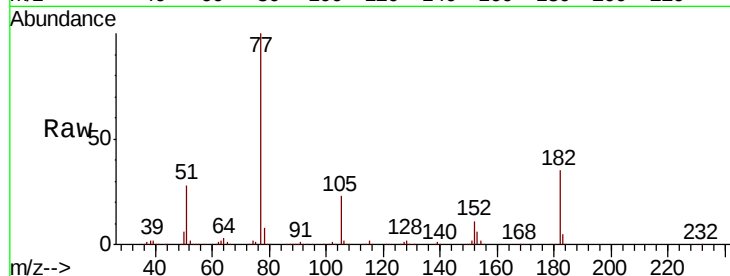
#63
Azobenzene
Concen: 42.497 ng
RT: 15.90 min Scan# 2180
Delta R.T. 0.00 min
Lab File: BG046531.D
Acq: 4 Sep 2020 00:54

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

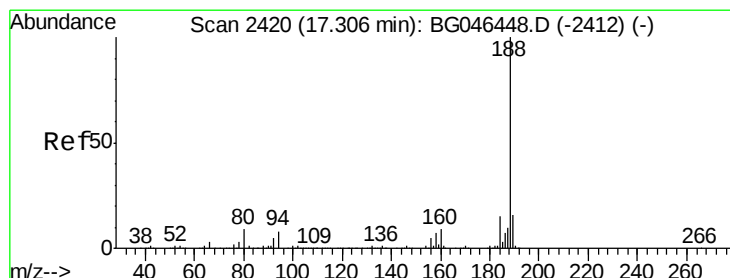
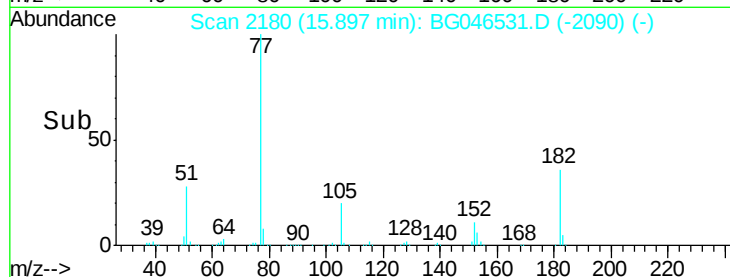
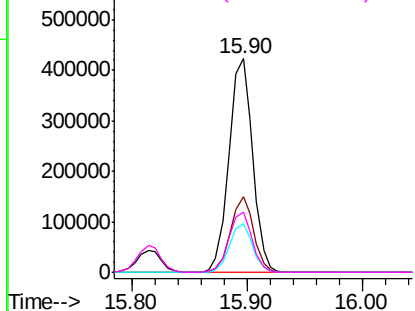
Tot Ion	Ratio	Lower	Upper
77	100		
182	35.1	12.3	52.3
105	23.1	2.3	42.3
51	28.2	6.5	46.5

Manual Integrations
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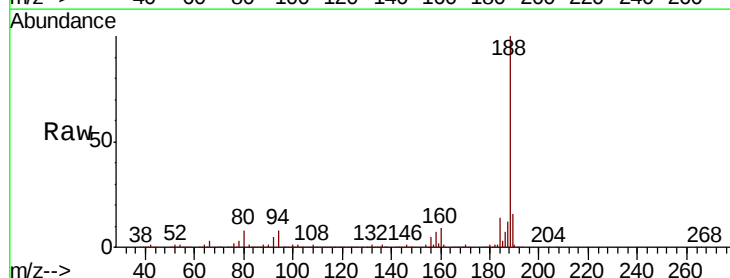


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

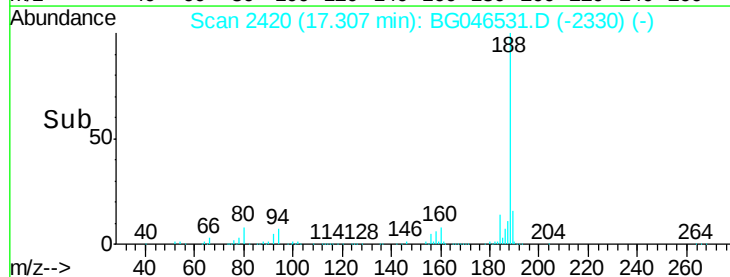
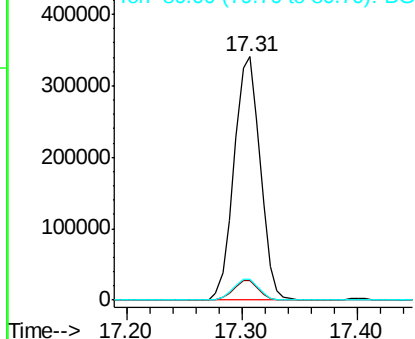


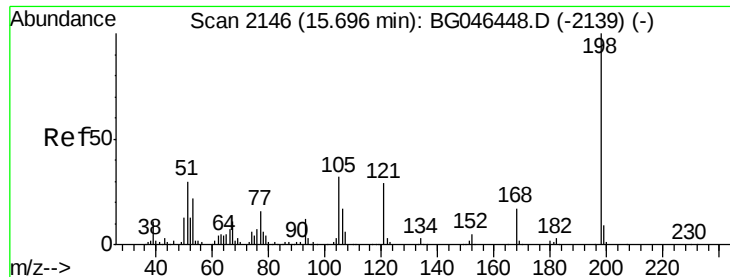
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.31 min Scan# 2420
Delta R.T. 0.00 min
Lab File: BG046531.D
Acq: 4 Sep 2020 00:54

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.9	6.3	9.5
80	8.3	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





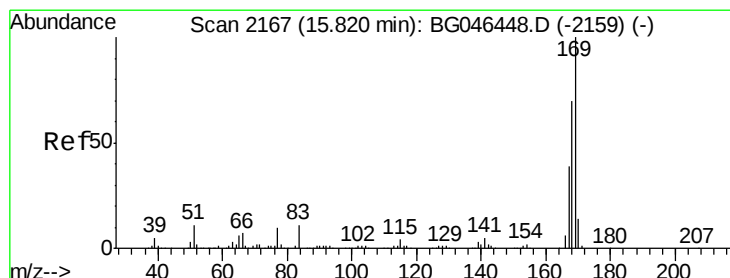
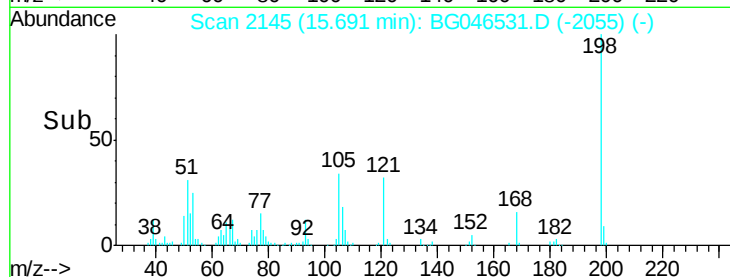
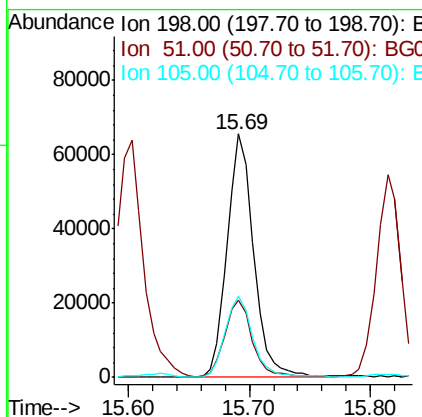
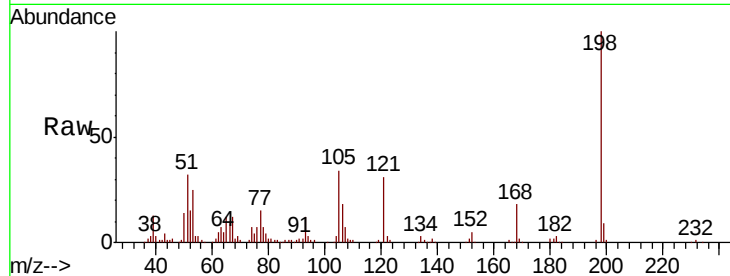
#65
4,6-Dinitro-2-methylphenol
Concen: 33.380 ng
RT: 15.69 min Scan# 2145
Delta R.T. 0.00 min
Lab File: BG046531.D
Acq: 4 Sep 2020 00:54

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

Tot Ion	Ratio	Resp	Lower	Upper
198	100	100951		
51	31.6		10.4	50.4
105	33.5		12.4	52.4

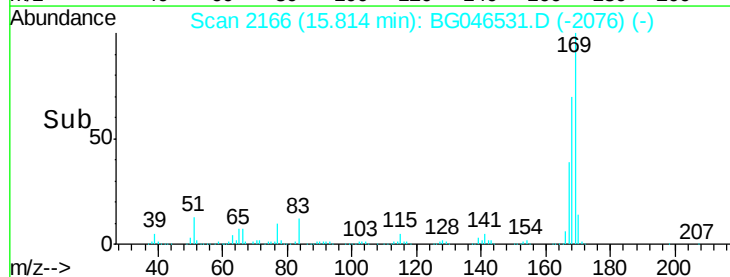
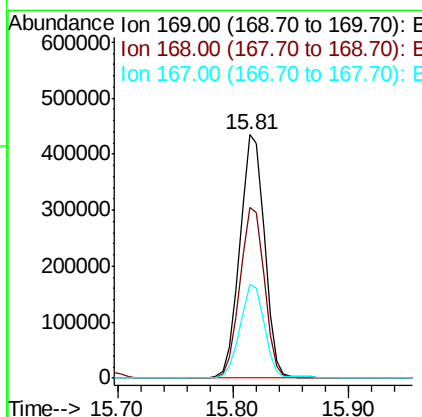
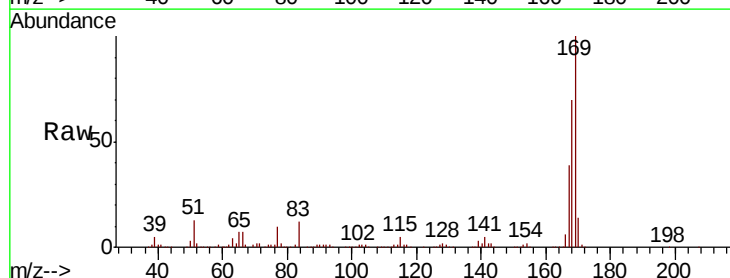
Manual Integrations
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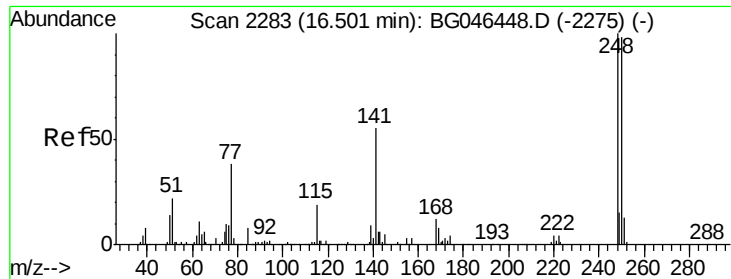
mohammad
9/4/2020 1:55:09 PM



#66
n-Nitrosodiphenylamine
Concen: 44.480 ng
RT: 15.81 min Scan# 2166
Delta R.T. 0.00 min
Lab File: BG046531.D
Acq: 4 Sep 2020 00:54

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	641181		
168	70.0		55.8	83.8
167	38.8		31.0	46.6





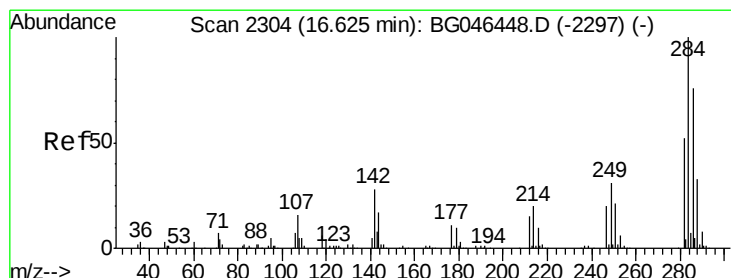
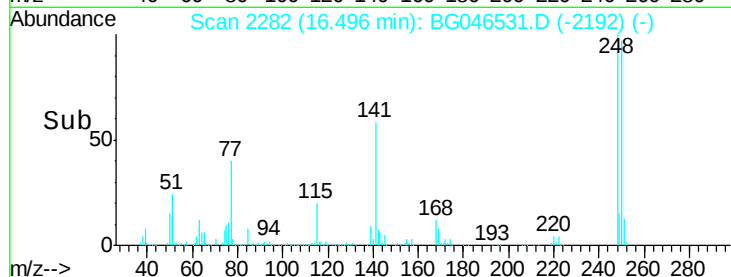
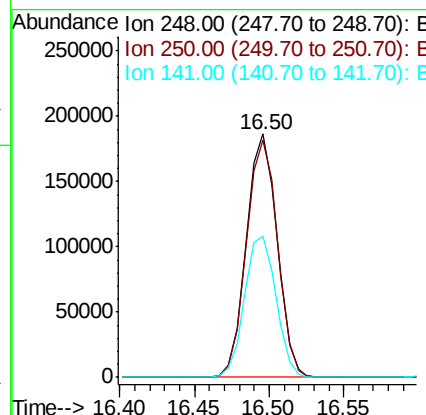
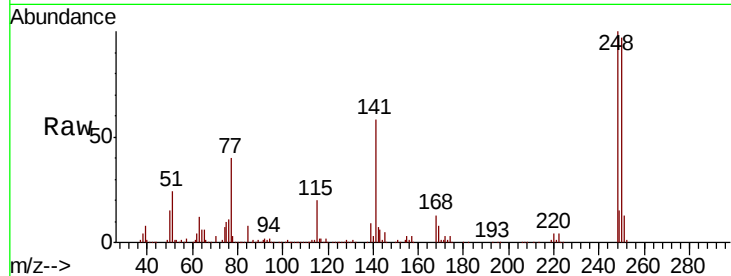
#67
4-Bromophenyl-phenylether
Concen: 42.605 ng
RT: 16.50 min Scan# 2282
Delta R.T. 0.00 min
Lab File: BG046531.D
Acq: 4 Sep 2020 00:54

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

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.3	78.6	118.0
141	57.8	43.9	65.9

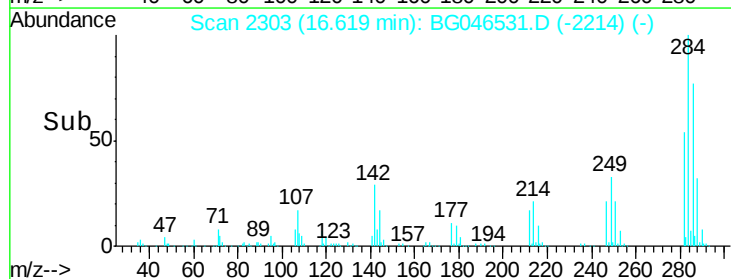
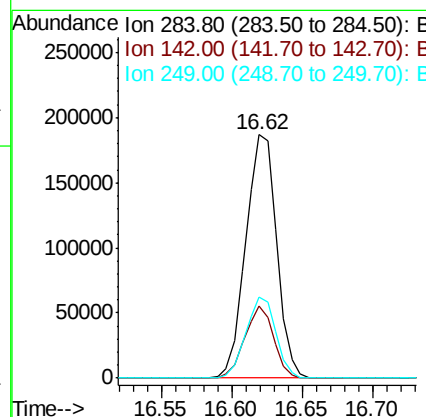
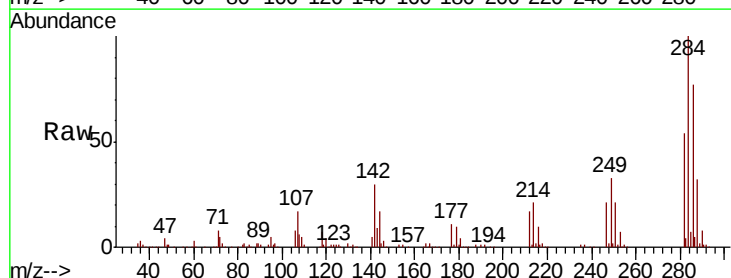
Manual Integrations
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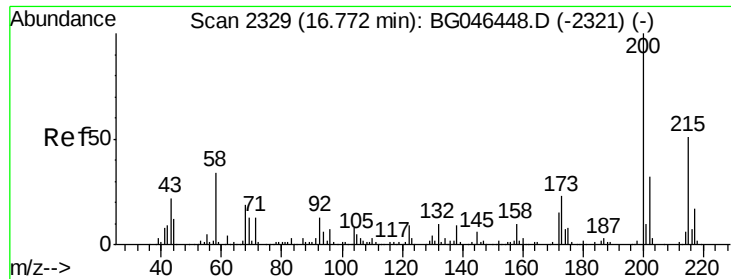
mohammad
9/4/2020 1:55:09 PM



#68
Hexachlorobenzene
Concen: 41.350 ng
RT: 16.62 min Scan# 2303
Delta R.T. -0.01 min
Lab File: BG046531.D
Acq: 4 Sep 2020 00:54

Tgt Ion	Ratio	Lower	Upper
284	100		
142	29.6	22.3	33.5
249	33.2	24.8	37.2





#69

Atrazine

Concen: 33.945 ng

RT: 16.77 min Scan# 2328

Delta R.T. 0.00 min

Lab File: BG046531.D

Acq: 4 Sep 2020 00:54

Instrument :

BNA_G

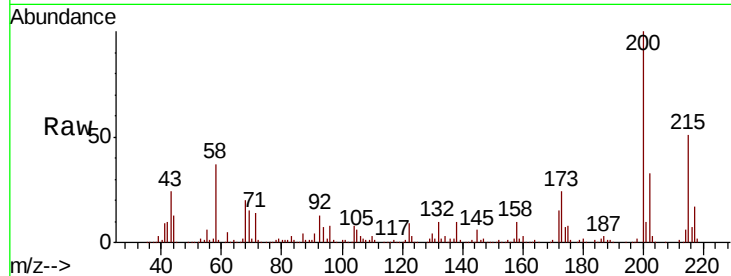
ClientSampleId :

9-2-TP-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
200	100	199618		
173	24.3	3.3	43.3	
215	51.4	30.9	70.9	

Manual Integrations
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9/4/2020 1:55:09 PM

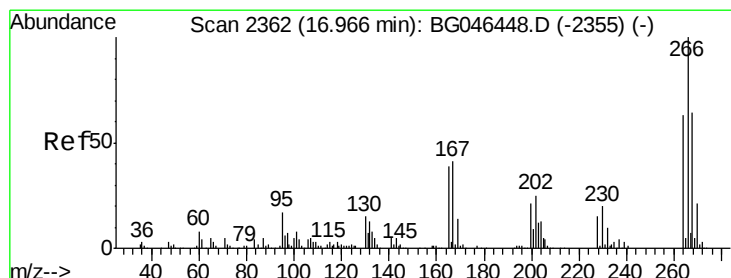
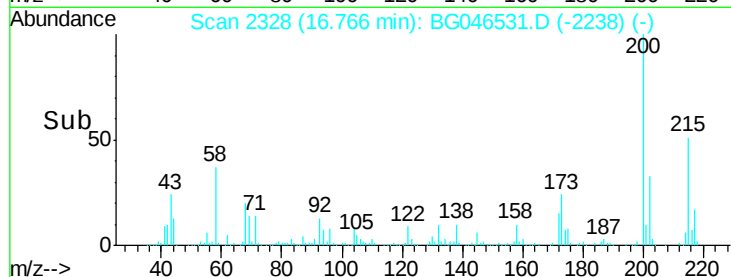
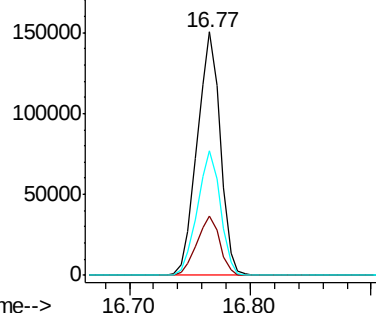


Abundance

Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 83.537 ng

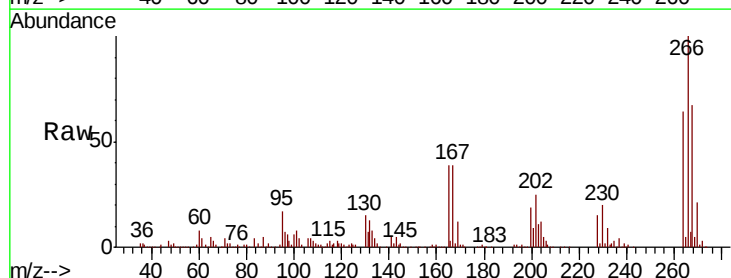
RT: 16.97 min Scan# 2362

Delta R.T. 0.00 min

Lab File: BG046531.D

Acq: 4 Sep 2020 00:54

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	301329		
268	67.1	51.1	76.7	
264	63.9	50.2	75.2	

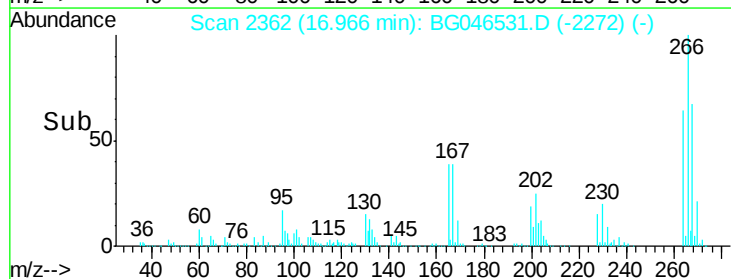
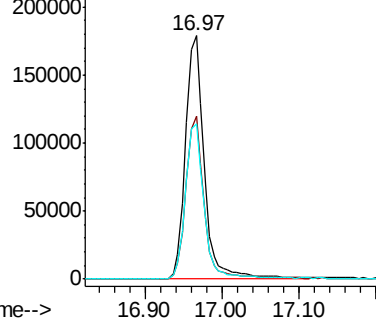


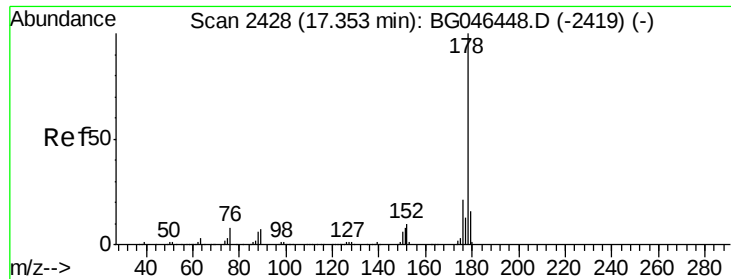
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





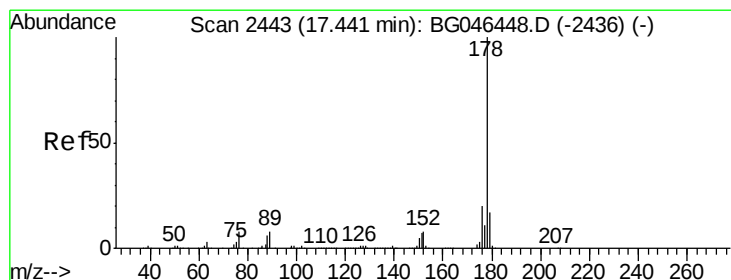
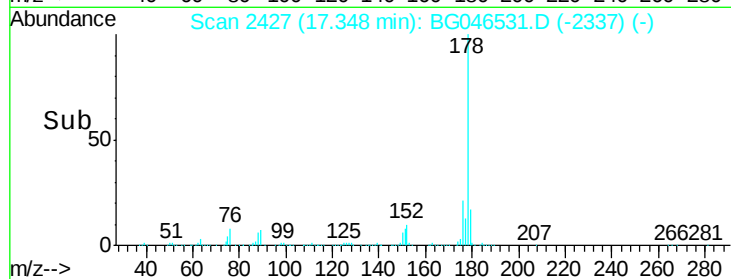
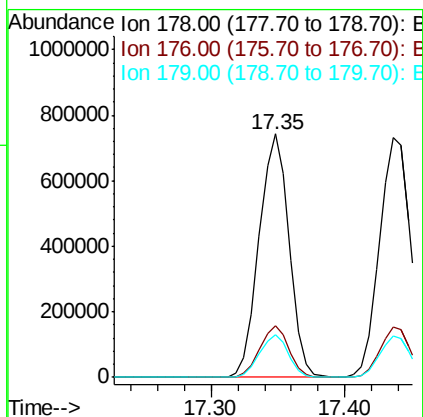
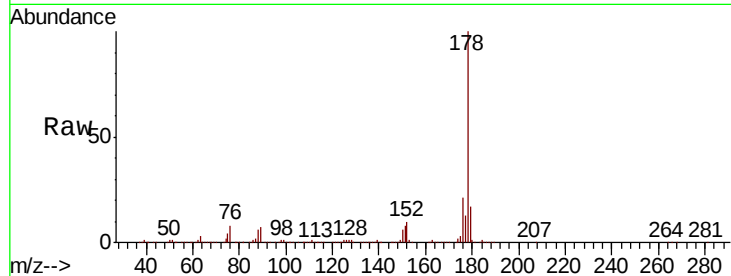
#71
Phenanthrene
Concen: 42.339 ng
RT: 17.35 min Scan# 2427
Delta R.T. 0.00 min
Lab File: BG046531.D
Acq: 4 Sep 2020 00:54

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

Tot Ion:178 Resp: 1146696
Ion Ratio Lower Upper
178 100
176 21.1 16.8 25.2
179 17.3 13.2 19.8

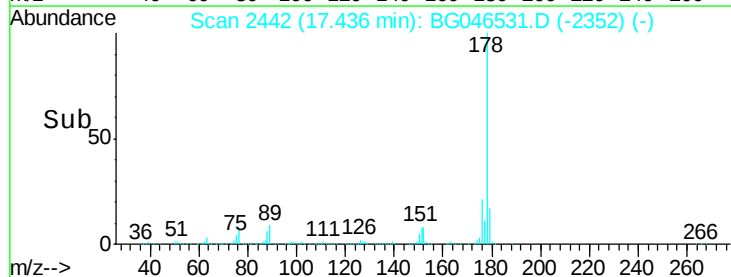
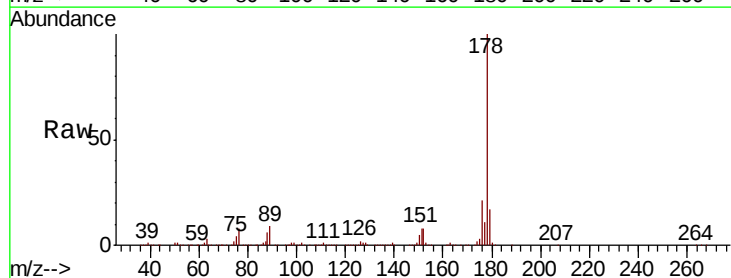
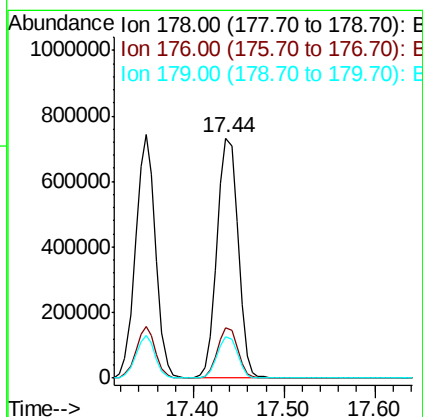
Manual Integrations
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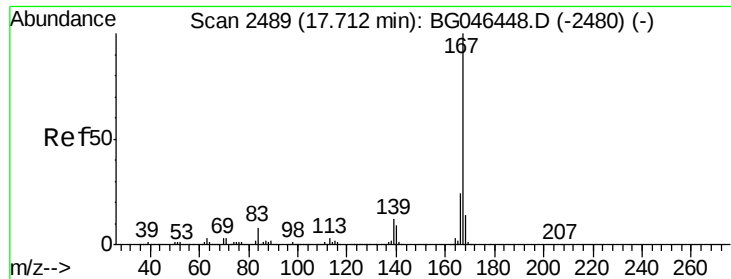
mohammad
9/4/2020 1:55:09 PM



#72
Anthracene
Concen: 43.993 ng
RT: 17.44 min Scan# 2442
Delta R.T. 0.00 min
Lab File: BG046531.D
Acq: 4 Sep 2020 00:54

Tgt Ion:178 Resp: 1175567
Ion Ratio Lower Upper
178 100
176 20.9 16.1 24.1
179 17.1 13.3 19.9





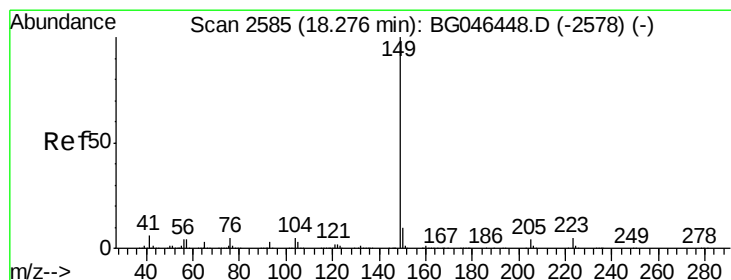
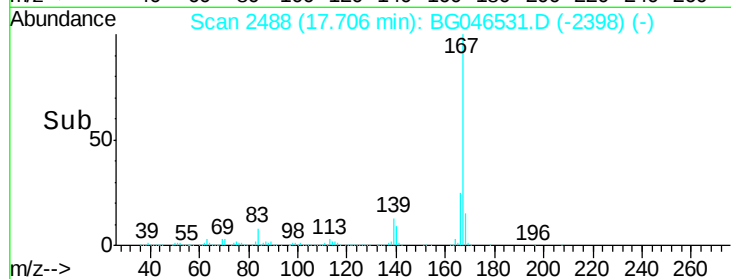
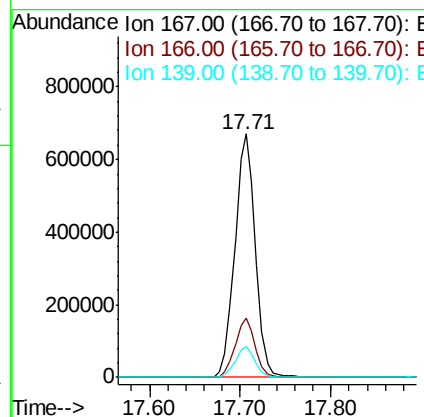
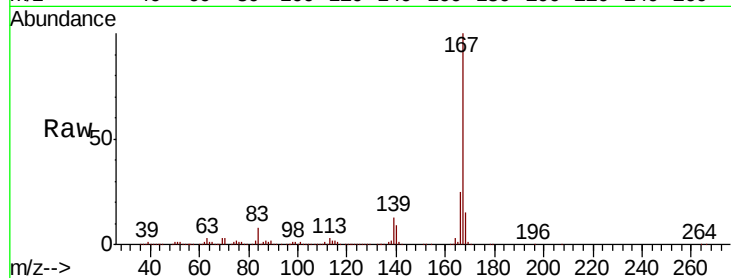
#73
 Carbazole
 Concen: 41.744 ng
 RT: 17.71 min Scan# 2488
 Delta R.T. 0.00 min
 Lab File: BG046531.D
 Acq: 4 Sep 2020 00:54

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

Tot Ion	Ion	Ratio	Lower	Upper
167	100			
166	24.6	19.3	28.9	
139	12.6	9.7	14.5	

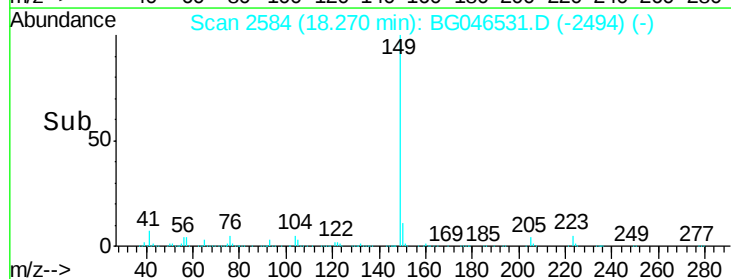
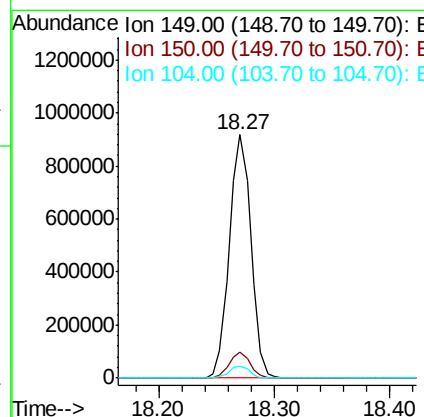
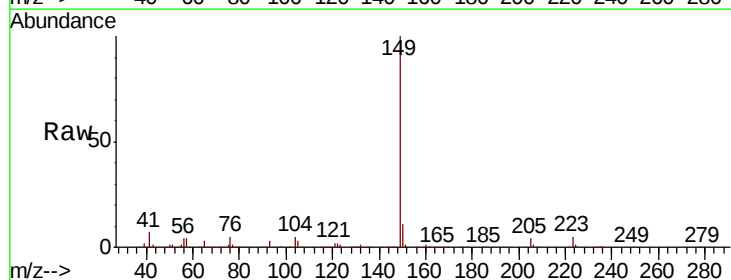
Manual Integrations
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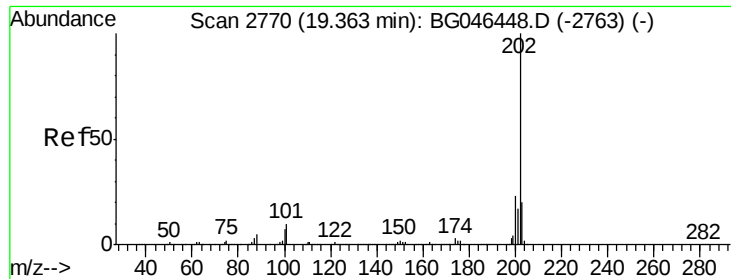
mohammad
 9/4/2020 1:55:09 PM



#74
 Di-n-butylphthalate
 Concen: 41.158 ng
 RT: 18.27 min Scan# 2584
 Delta R.T. 0.00 min
 Lab File: BG046531.D
 Acq: 4 Sep 2020 00:54

Tgt Ion	Ion	Ratio	Lower	Upper
149	100			
150	10.5	8.1	12.1	
104	5.0	4.0	6.0	





#75

Fluoranthene

Concen: 40.424 ng

RT: 19.36 min Scan# 2769

Delta R.T. 0.00 min

Lab File: BG046531.D

Acq: 4 Sep 2020 00:54

Instrument :

BNA_G

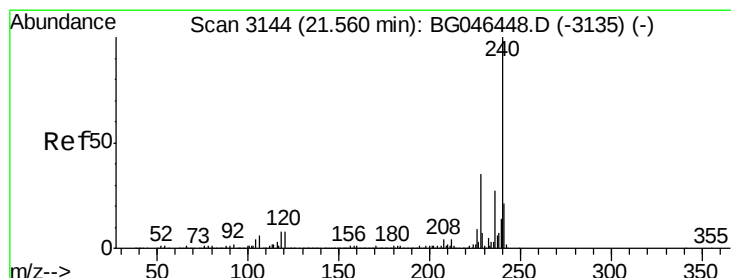
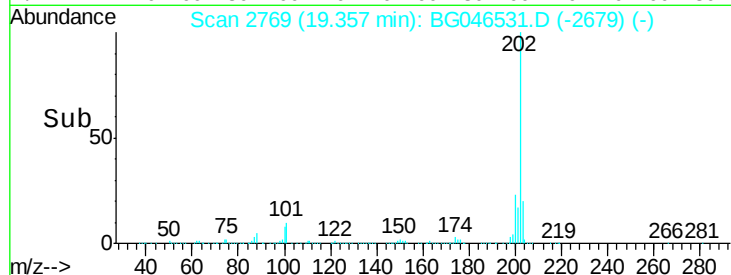
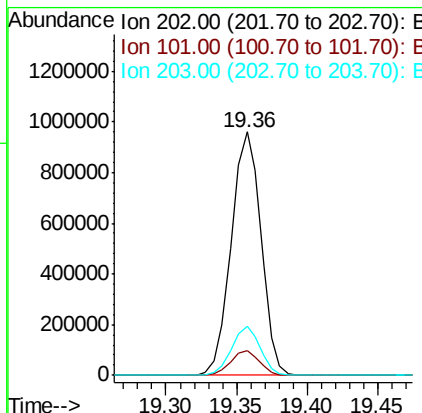
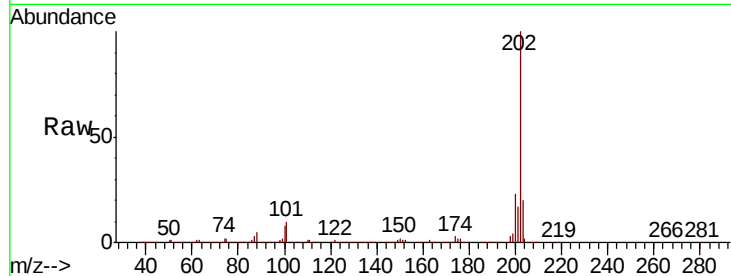
ClientSampleId :

9-2-TP-1MSD

Tot Ion:	202	Resp:	1408933
Ion	Ratio	Lower	Upper
202	100		
101	10.2	0.0	29.9
203	20.1	0.0	40.0

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#76

Chrysene-d12

Concen: 20.000 ng

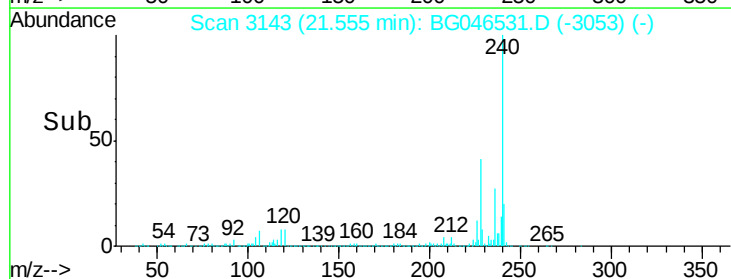
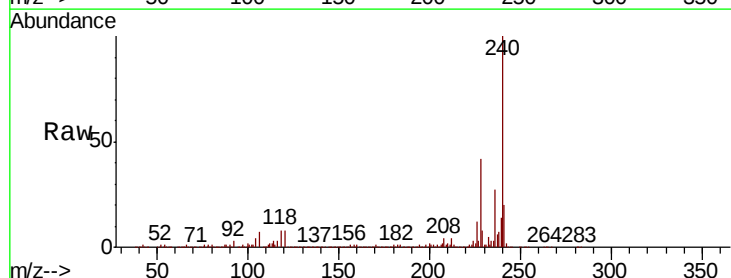
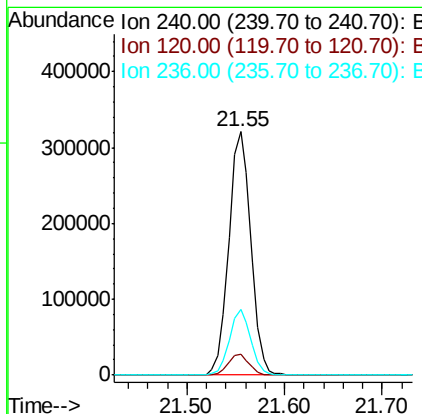
RT: 21.55 min Scan# 3143

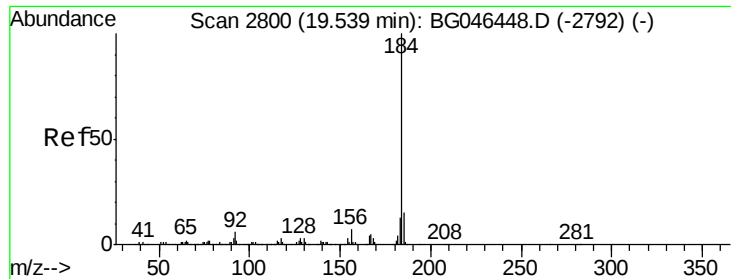
Delta R.T. 0.00 min

Lab File: BG046531.D

Acq: 4 Sep 2020 00:54

Tgt Ion:	240	Resp:	501858
Ion	Ratio	Lower	Upper
240	100		
120	8.3	6.6	10.0
236	27.0	21.4	32.2





#77

Benzidine

Concen: 48.218 ng

RT: 19.53 min Scan# 2799

Delta R.T. 0.00 min

Lab File: BG046531.D

Acq: 4 Sep 2020 00:54

Instrument :

BNA_G

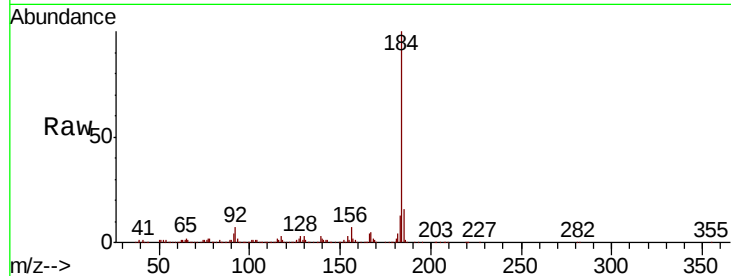
ClientSampleId :

9-2-TP-1MSD

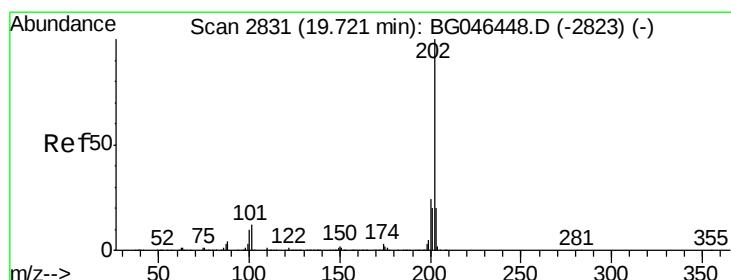
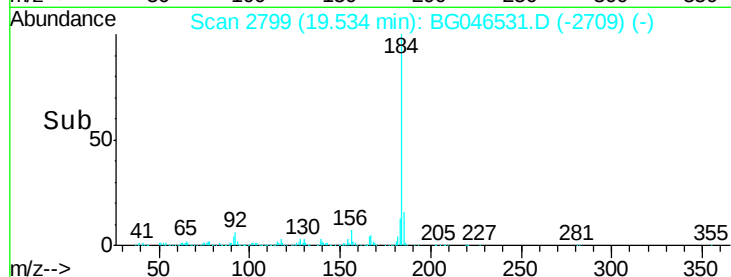
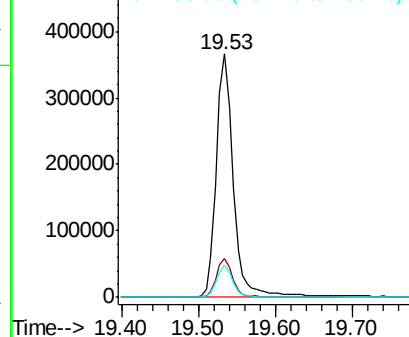
Tot Ion:	184	Resp:	562303
Ion Ratio	Lower	Upper	
184	100		
185	16.1	11.8	17.8
183	13.3	10.7	16.1

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Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 44.090 ng

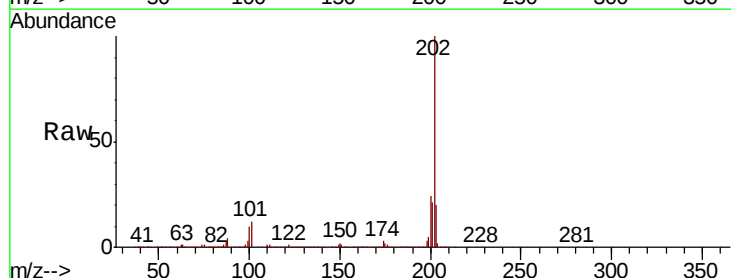
RT: 19.72 min Scan# 2830

Delta R.T. 0.00 min

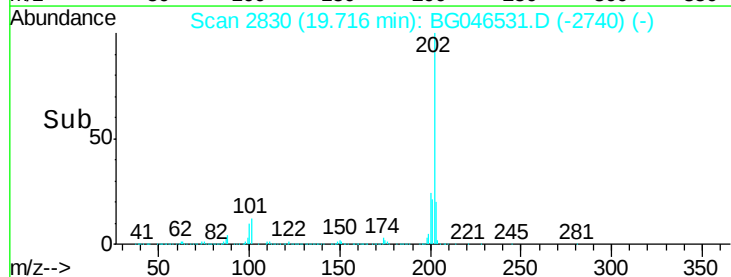
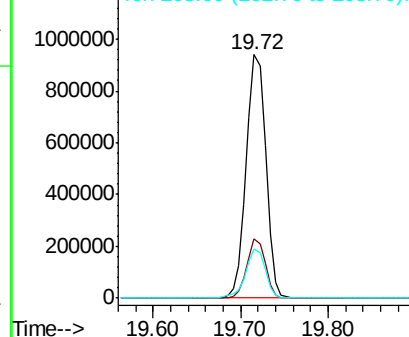
Lab File: BG046531.D

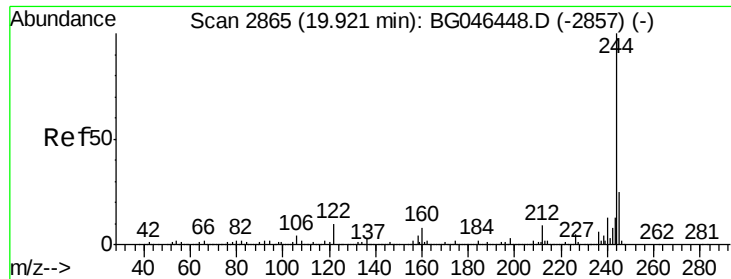
Acq: 4 Sep 2020 00:54

Tgt Ion:	202	Resp:	1409016
Ion Ratio	Lower	Upper	
202	100		
200	24.5	18.9	28.3
203	20.3	16.1	24.1



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





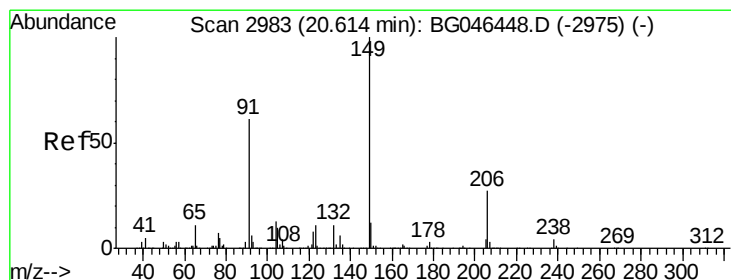
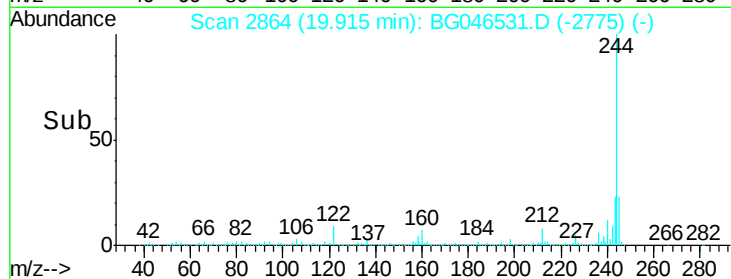
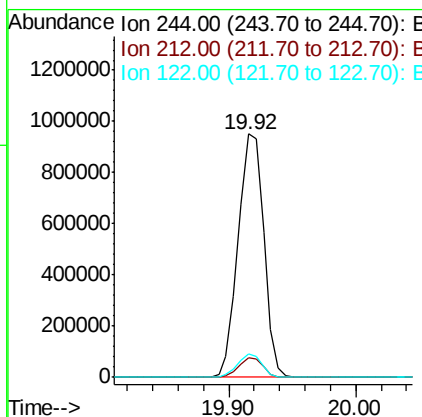
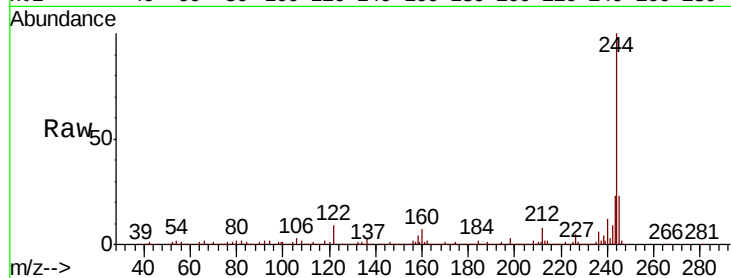
#79
 Terphenyl-d14
 Concen: 56.602 ng
 RT: 19.92 min Scan# 2864
 Delta R.T. -0.01 min
 Lab File: BG046531.D
 Acq: 4 Sep 2020 00:54

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

Tot Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.9	10.3
122	9.4	8.2	12.4

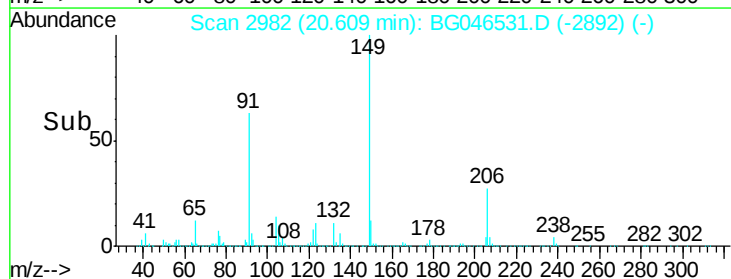
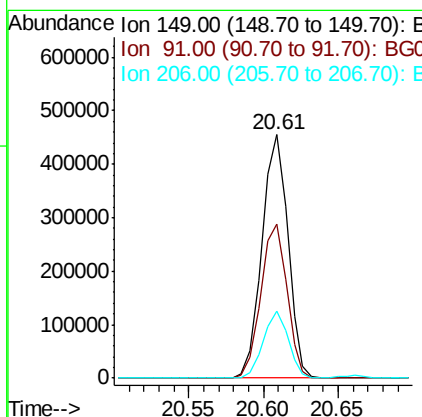
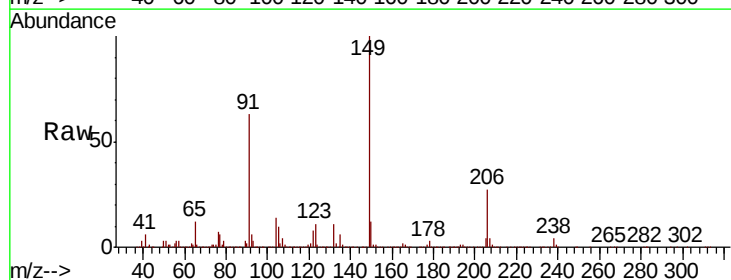
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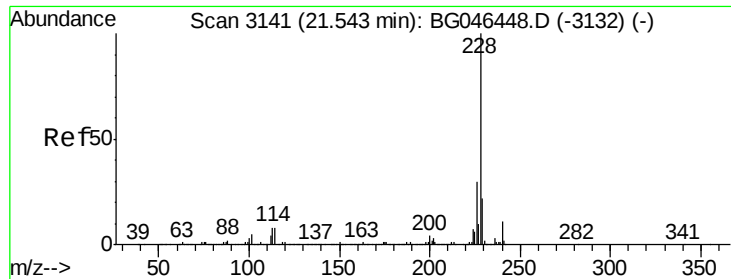
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#80
 Butylbenzylphthalate
 Concen: 43.609 ng
 RT: 20.61 min Scan# 2982
 Delta R.T. 0.00 min
 Lab File: BG046531.D
 Acq: 4 Sep 2020 00:54

Tgt Ion	Ratio	Lower	Upper
149	100		
91	63.5	49.1	73.7
206	27.3	21.9	32.9





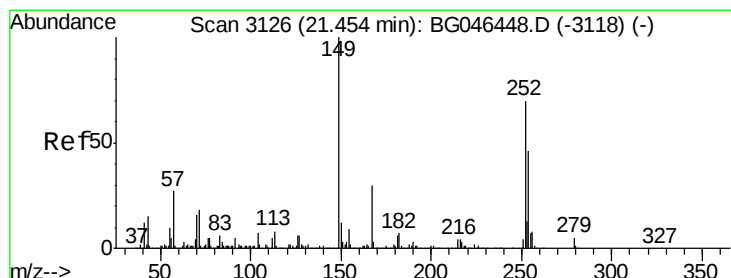
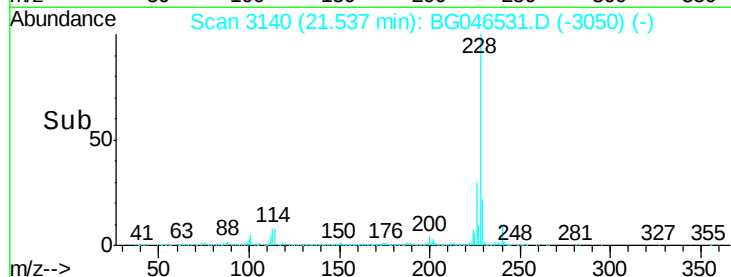
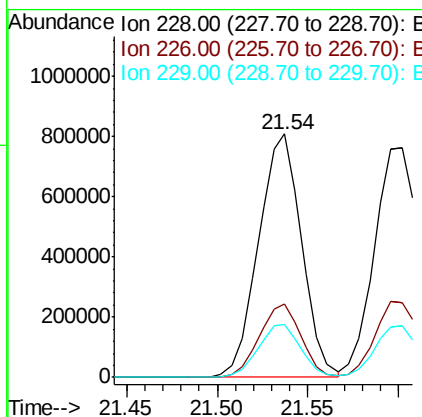
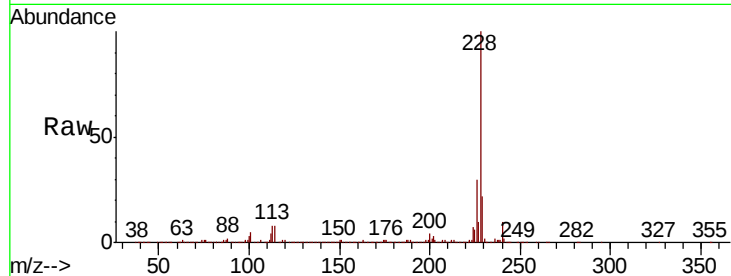
#81
Benzo(a)anthracene
Concen: 42.840 ng
RT: 21.54 min Scan# 3140
Delta R.T. 0.00 min
Lab File: BG046531.D
Acq: 4 Sep 2020 00:54

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

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.2	36.4
229	21.8	17.4	26.2

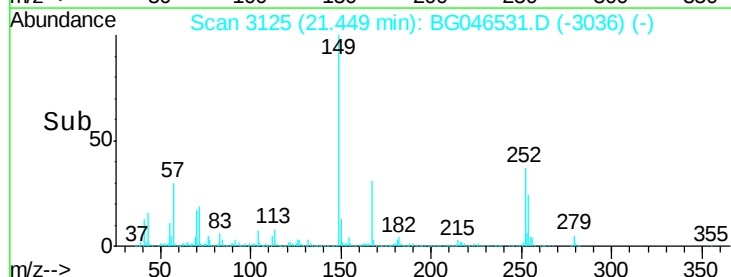
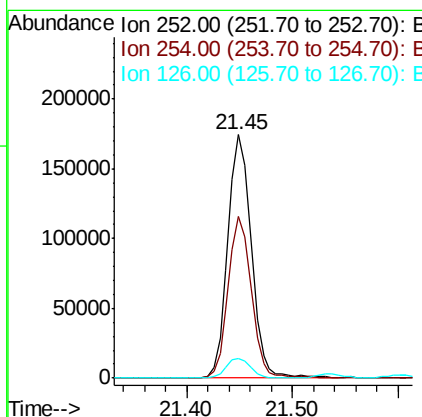
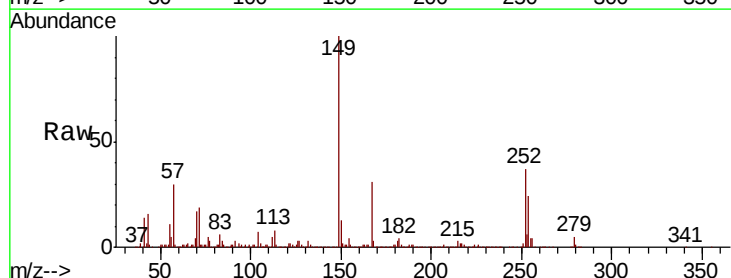
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#82
3,3'-Dichlorobenzidine
Concen: 23.239 ng
RT: 21.45 min Scan# 3125
Delta R.T. -0.01 min
Lab File: BG046531.D
Acq: 4 Sep 2020 00:54

Tgt Ion	Ratio	Lower	Upper
252	100		
254	66.5	51.9	77.9
126	8.2	7.4	11.0





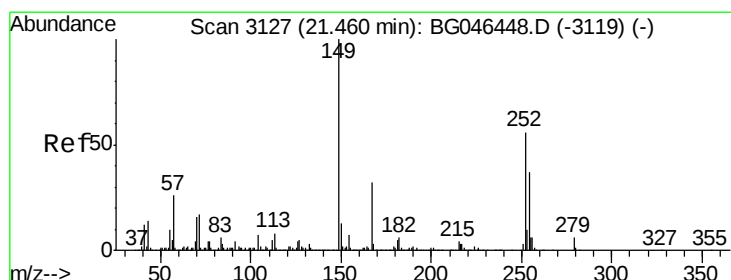
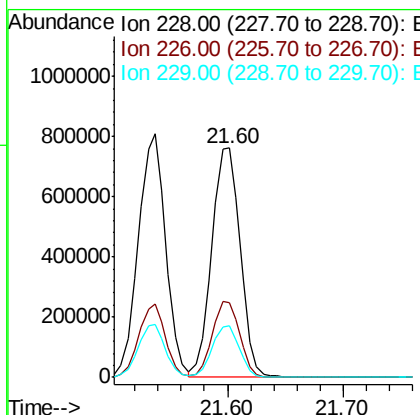
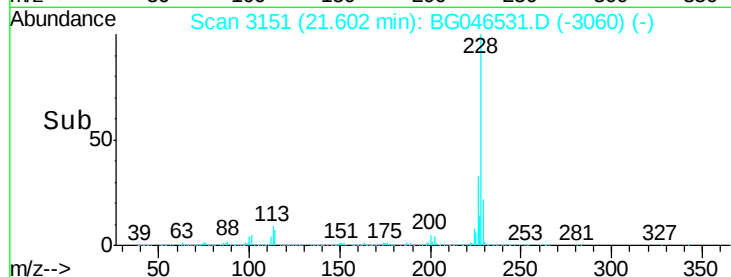
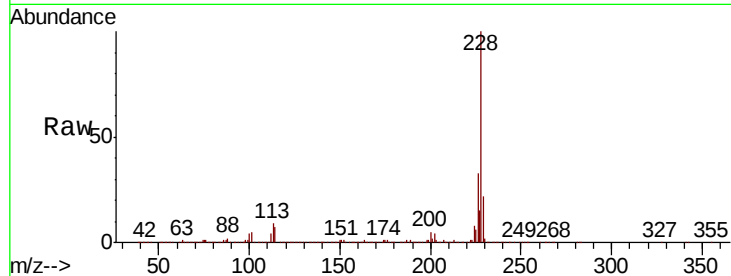
#83
Chrysene
Concen: 43.076 ng
RT: 21.60 min Scan# 3151
Delta R.T. 0.01 min
Lab File: BG046531.D
Acq: 4 Sep 2020 00:54

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

Tot Ion: 228 Resp: 1296144
Ion Ratio Lower Upper
228 100
226 32.8 26.2 39.4
229 22.4 17.9 26.9

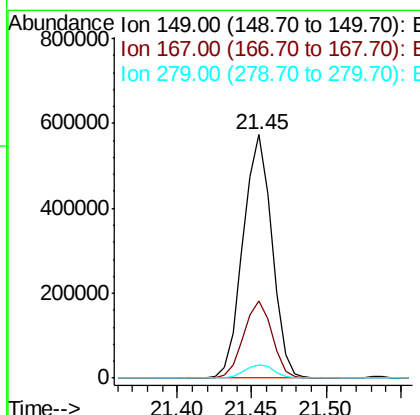
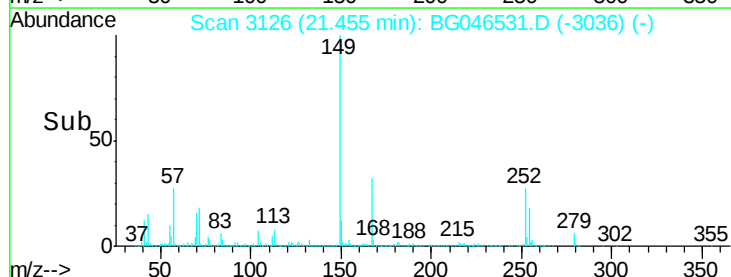
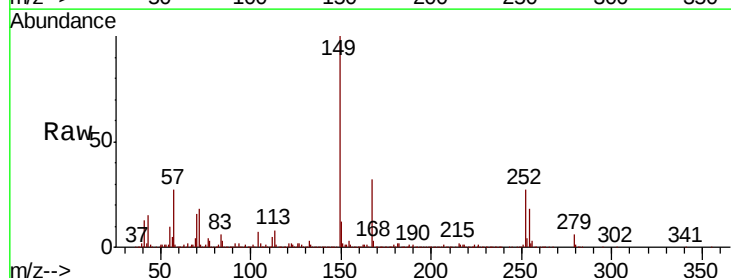
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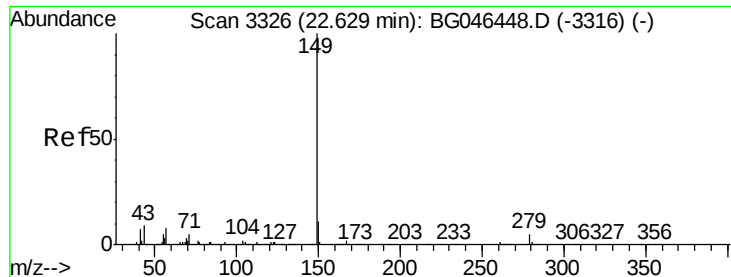
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#84
Bis(2-ethylhexyl)phthalate
Concen: 45.085 ng
RT: 21.45 min Scan# 3126
Delta R.T. 0.00 min
Lab File: BG046531.D
Acq: 4 Sep 2020 00:54

Tgt Ion: 149 Resp: 766941
Ion Ratio Lower Upper
149 100
167 31.7 25.4 38.2
279 5.6 4.5 6.7





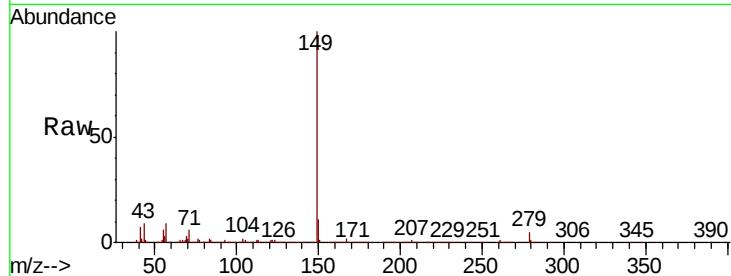
#85
Di-n-octyl phthalate
Concen: 45.650 ng
RT: 22.62 min Scan# 3325
Delta R.T. 0.00 min
Lab File: BG046531.D
Acq: 4 Sep 2020 00:54

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

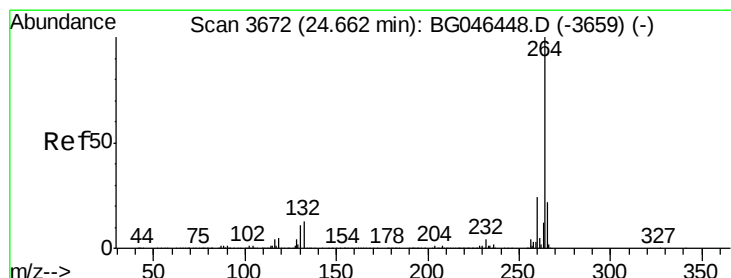
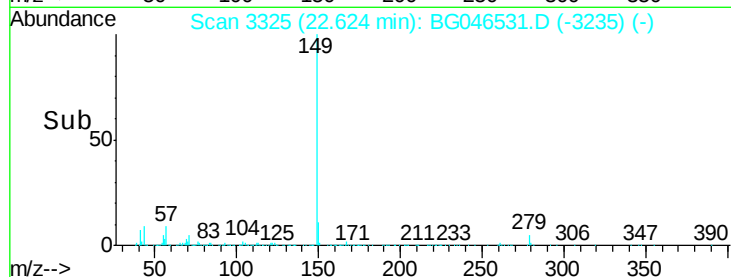
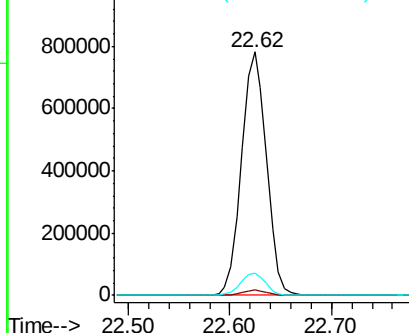
Tot Ion	Ratio	Lower	Upper
149	100		
167	1.9	1.5	2.3
43	8.8	7.0	10.4

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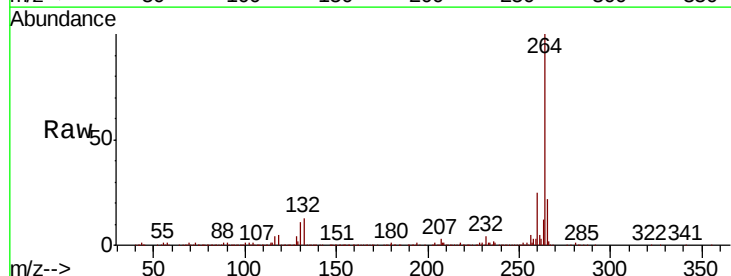


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): B

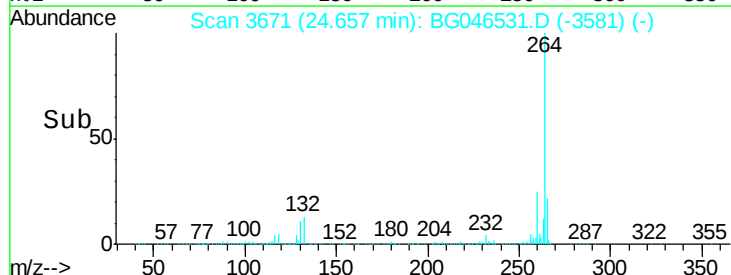
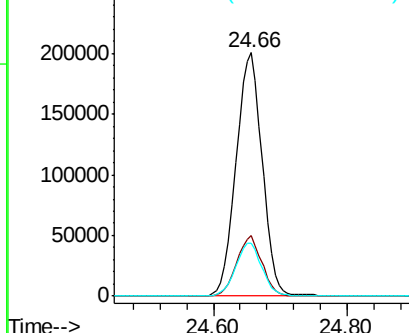


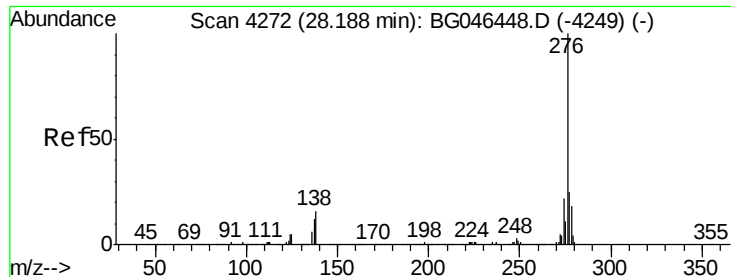
#86
Perylene-d12
Concen: 20.000 ng
RT: 24.66 min Scan# 3671
Delta R.T. 0.00 min
Lab File: BG046531.D
Acq: 4 Sep 2020 00:54

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.2	28.8
265	21.7	17.9	26.9



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





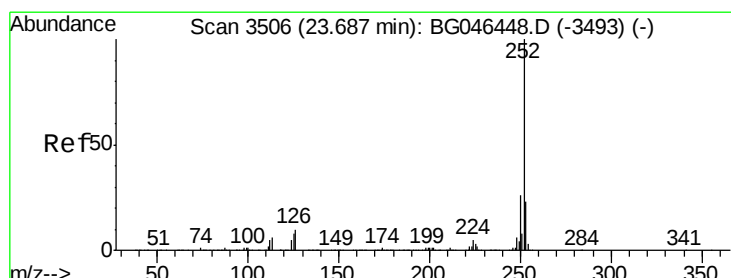
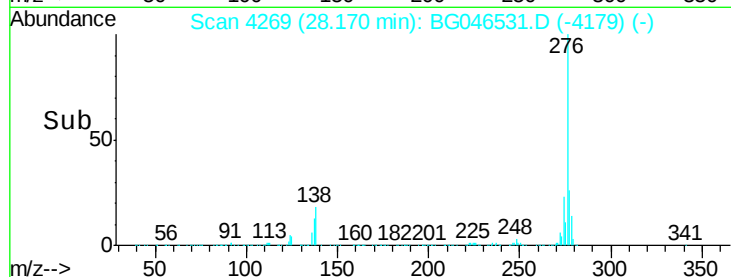
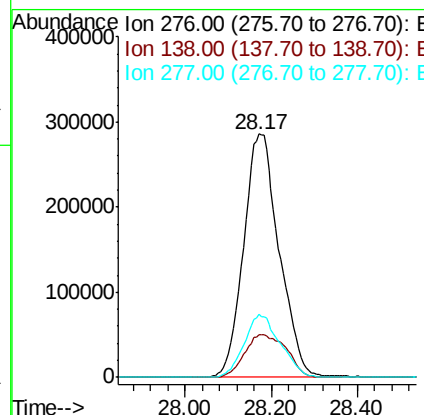
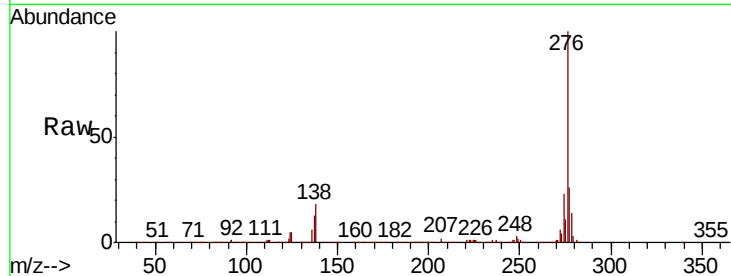
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 42.536 ng
 RT: 28.17 min Scan# 4269
 Delta R.T. 0.00 min
 Lab File: BG046531.D
 Acq: 4 Sep 2020 00:54

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

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

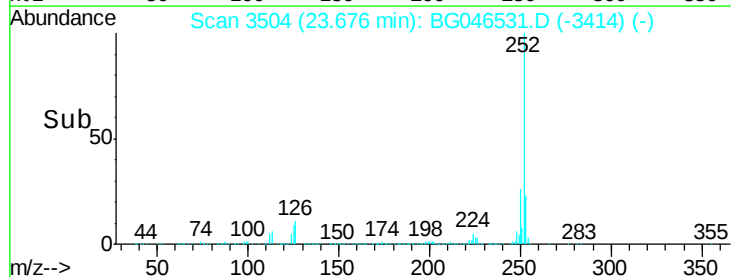
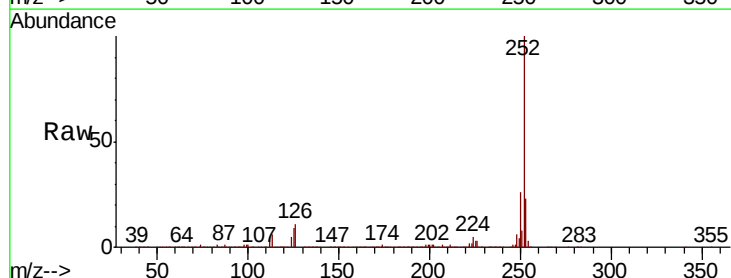
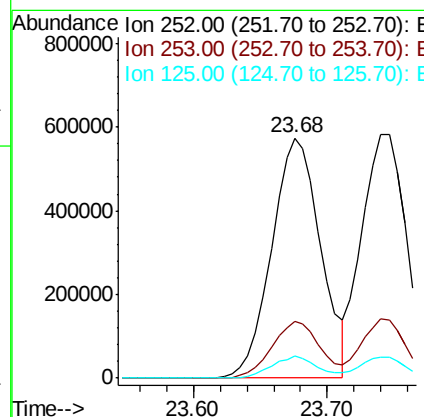
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#88
 Benzo(b)fluoranthene
 Concen: 42.916 ng
 RT: 23.68 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: BG046531.D
 Acq: 4 Sep 2020 00:54

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.2	27.4
125	9.0	6.2	9.2





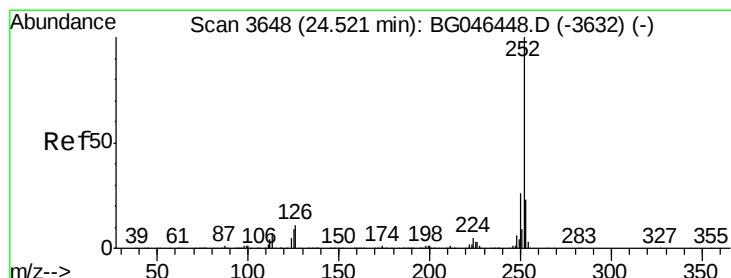
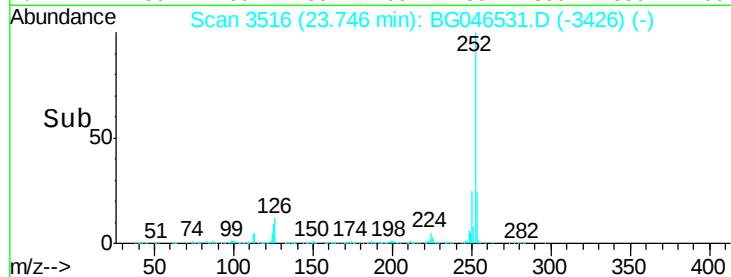
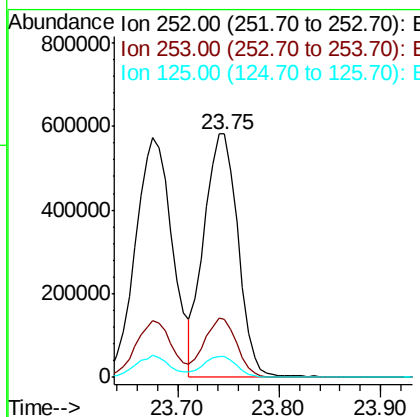
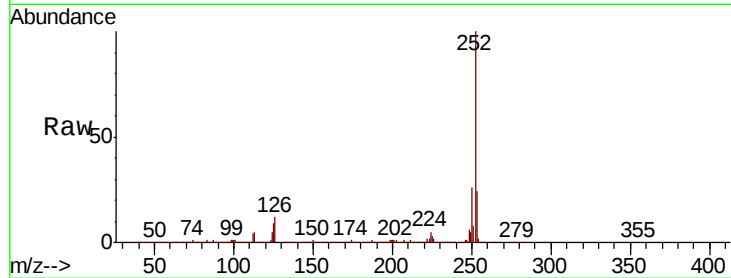
#89
Benzo(k)fluoranthene
Concen: 41.063 ng
RT: 23.75 min Scan# 3516
Delta R.T. 0.00 min
Lab File: BG046531.D
Acq: 4 Sep 2020 00:54

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

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

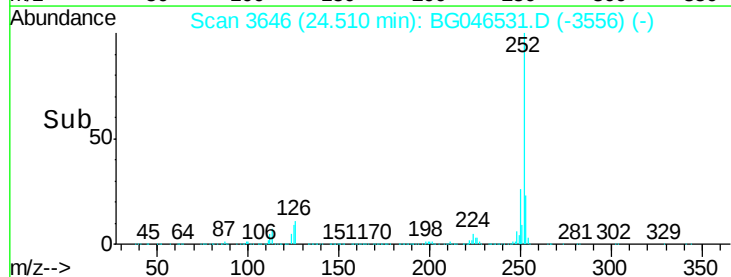
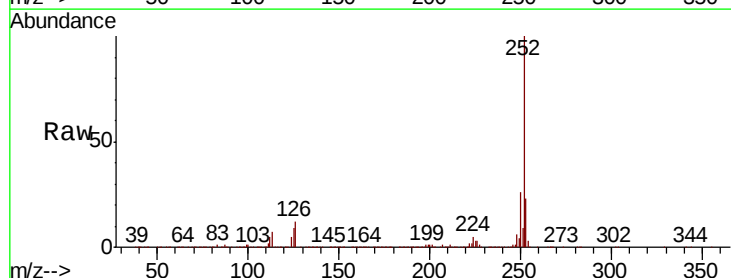
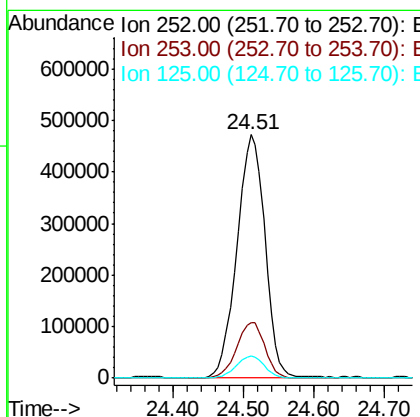
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#90
Benzo(a)pyrene
Concen: 41.199 ng
RT: 24.51 min Scan# 3646
Delta R.T. 0.00 min
Lab File: BG046531.D
Acq: 4 Sep 2020 00:54

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.2	27.4
125	9.3	7.4	11.0





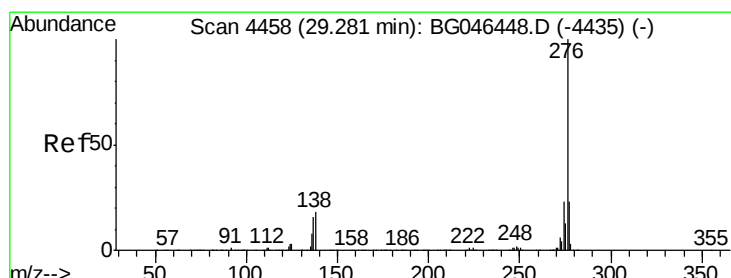
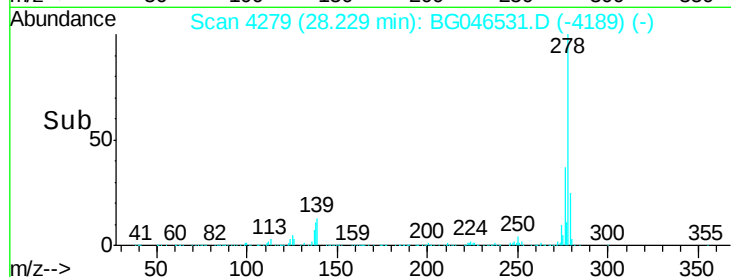
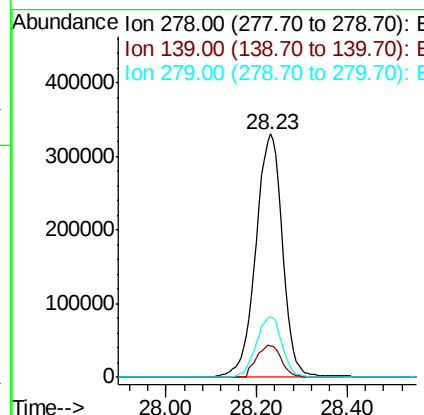
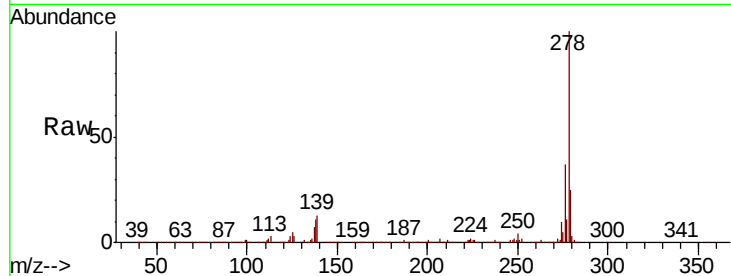
#91
Dibenzo(a,h)anthracene
Concen: 42.813 ng
RT: 28.23 min Scan# 4279
Delta R.T. 0.00 min
Lab File: BG046531.D
Acq: 4 Sep 2020 00:54

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

Tot Ion	Ratio	Lower	Upper
278	100		
139	13.0	11.2	16.8
279	24.7	19.8	29.8

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#92
Benzo(g,h,i)perylene
Concen: 44.330 ng
RT: 29.28 min Scan# 4457
Delta R.T. 0.00 min
Lab File: BG046531.D
Acq: 4 Sep 2020 00:54

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.8	18.7	28.1
138	17.5	14.7	22.1

