

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012420\
 Data File : BG044178.D
 Acq On : 24 Jan 2020 12:34
 Operator : CG/JU
 Sample : PB126313BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB126313BS

Manual Integrations
 APPROVED

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 1/28/2020 8:11:29 AM

Quant Time: Jan 27 04:17:48 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 31 13:32:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	76384	20.00	ng	-0.04
21) Naphthalene-d8	10.73	136	327952	20.00	ng	-0.04
39) Acenaphthene-d10	14.57	164	221099	20.00	ng	-0.03
64) Phenanthrene-d10	17.31	188	479896	20.00	ng	-0.03
76) Chrysene-d12	21.56	240	411991	20.00	ng	-0.03
87) Perylene-d12	24.66	264	469497	20.00	ng	-0.06

System Monitoring Compounds

5) 2-Fluorophenol	5.51	112	619029	148.80	ng	-0.03
7) Phenol-d6	7.10	99	831946	143.07	ng	-0.02
23) Nitrobenzene-d5	9.09	82	433060	70.64	ng	-0.04
42) 2,4,6-Tribromophenol	16.06	330	322259	139.28	ng	-0.03
45) 2-Fluorobiphenyl	13.19	172	988412	80.99	ng	-0.04
79) Terphenyl-d14	19.92	244	1456101	85.29	ng	-0.03

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.39	88	72891	40.185	ng	100
3) Pyridine	3.79	79	184494	34.430	ng	94
4) n-Nitrosodimethylamine	3.70	42	92634	38.829	ng	99
6) Aniline	7.25	93	242877	31.799	ng	97
8) 2-Chlorophenol	7.50	128	227904	46.665	ng	98
9) Benzaldehyde	7.06	77	114750	30.832	ng	97
10) Phenol	7.13	94	284188	47.433	ng	99
11) bis(2-Chloroethyl)ether	7.35	93	212125	41.016	ng	97
12) 1,3-Dichlorobenzene	7.82	146	229069	40.081	ng	98
13) 1,4-Dichlorobenzene	7.96	146	231864	41.118	ng	99
14) 1,2-Dichlorobenzene	8.28	146	221545	40.932	ng	98
15) Benzyl Alcohol	8.16	79	190236	41.452	ng	100
16) 2,2'-oxybis(1-Chloropropan	8.46	45	284081	35.505	ng	99
17) 2-Methylphenol	8.38	107	202132	46.621	ng	98
18) Hexachloroethane	9.02	117	87111	39.701	ng	98
19) n-Nitroso-di-n-propylamine	8.73	70	170608	39.397	ng	98
20) 3+4-Methylphenols	8.70	107	276010	45.634	ng	99
22) Acetophenone	8.75	105	315179	38.657	ng	98
24) Nitrobenzene	9.13	77	240779	39.656	ng	99
25) Isophorone	9.65	82	461773	40.150	ng	100
26) 2-Nitrophenol	9.84	139	127307	44.317	ng	99
27) 2,4-Dimethylphenol	9.91	122	226092	52.286	ng	98
28) bis(2-Chloroethoxy)methane	10.14	93	295124	38.489	ng	99
29) 2,4-Dichlorophenol	10.39	162	233804	45.329	ng	95
30) 1,2,4-Trichlorobenzene	10.60	180	228605	39.528	ng	99
31) Naphthalene	10.78	128	690679	43.521	ng	99
32) Benzoic acid	10.05	122	101971m	31.442	ng	
33) 4-Chloroaniline	10.88	127	170313	22.500	ng	99
34) Hexachlorobutadiene	11.08	225	132247	37.452	ng	100
35) Caprolactam	11.65	113	85278m	44.412	ng	
36) 4-Chloro-3-methylphenol	12.02	107	253701	46.203	ng	98
37) 2-Methylnaphthalene	12.39	142	525457	43.979	ng	96
38) 1-Methylnaphthalene	12.61	142	496451	43.841	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.76	216	245242	37.844	ng	99

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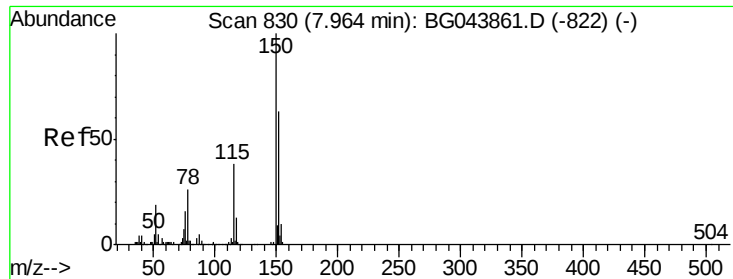
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.75	237	314999	93.758	nq	99
43) 2,4,6-Trichlorophenol	13.00	196	182621	40.955	nq	99
44) 2,4,5-Trichlorophenol	13.08	196	200403	43.575	nq	99
46) 1,1'-Biphenyl	13.40	154	661795	41.747	nq	97
47) 2-Chloronaphthalene	13.44	162	511268	39.912	nq	98
48) 2-Nitroaniline	13.64	65	159846	38.792	nq	92
49) Acenaphthylene	14.29	152	829948	45.078	nq	96
50) Dimethylphthalate	14.02	163	660567	42.077	nq	97
51) 2,6-Dinitrotoluene	14.13	165	149616	42.165	nq	97
52) Acenaphthene	14.63	154	510995	39.576	nq	98
53) 3-Nitroaniline	14.46	138	112743	27.980	nq	99
54) 2,4-Dinitrophenol	14.67	184	144347	79.862	nq	98
55) Dibenzofuran	14.97	168	797636	44.875	nq	97
56) 4-Nitrophenol	14.79	139	275721	89.295	nq	95
57) 2,4-Dinitrotoluene	14.92	165	210956	43.693	nq	99
58) Fluorene	15.61	166	632495	44.896	nq	98
59) 2,3,4,6-Tetrachlorophenol	15.20	232	176924	44.739	nq	97
60) Diethylphthalate	15.39	149	678956	43.240	nq	98
61) 4-Chlorophenyl-phenylether	15.61	204	323848	42.334	nq	98
62) 4-Nitroaniline	15.63	138	155778	39.149	nq	98
63) Azobenzene	15.90	77	638800	43.868	nq	99
65) 4,6-Dinitro-2-methylphenol	15.69	198	119667	48.362	nq	98
66) n-Nitrosodiphenylamine	15.82	169	591384	41.846	nq	99
67) 4-Bromophenyl-phenylether	16.50	248	210150	38.936	nq	99
68) Hexachlorobenzene	16.62	284	228697	39.323	nq	99
69) Atrazine	16.77	200	215830	46.983	nq	100
70) Pentachlorophenol	16.97	266	233168	72.729	nq	99
71) Phenanthrene	17.35	178	1008330	43.806	nq	96
72) Anthracene	17.44	178	1037927	45.626	nq	97
73) Carbazole	17.71	167	922932	43.921	nq	96
74) Di-n-butylphthalate	18.28	149	1128783	42.073	nq	96
75) Fluoranthene	19.36	202	1150489	43.704	nq	96
77) Benzidine	19.54	184	478815	46.237	nq	98
78) Pyrene	19.72	202	1162890	43.243	nq	95
80) Butylbenzylphthalate	20.61	149	529916	41.389	nq	95
81) Benzo(a)anthracene	21.54	228	1105088	43.258	nq	96
82) 3,3'-Dichlorobenzidine	21.45	252	313270	31.039	nq	99
83) Chrysene	21.60	228	1052942	43.377	nq	96
84) Bis(2-ethylhexyl)phthalate	21.46	149	747108	42.291	nq	98
85) Di-n-octyl phthalate	22.64	149	1297022	43.672	nq	97
86) Indeno(1,2,3-cd)pyrene	28.18	276	1352140	40.988	nq	99
88) Benzo(b)fluoranthene	23.68	252	1172072	42.228	nq	98
89) Benzo(k)fluoranthene	23.75	252	1131153	42.857	nq	97
90) Benzo(a)pyrene	24.52	252	1072218	40.930	nq	99
91) Dibenzo(a,h)anthracene	28.25	278	1110154	42.197	nq	99
92) Benzo(g,h,i)perylene	29.28	276	1141520	43.681	nq	99

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



#1

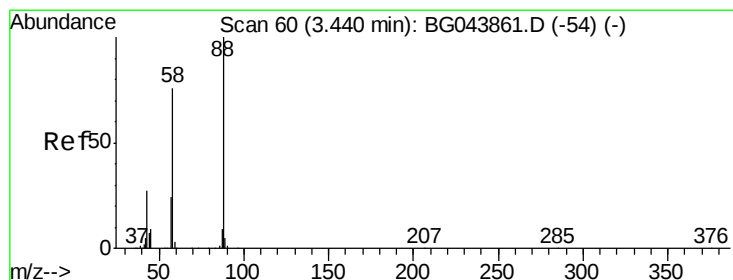
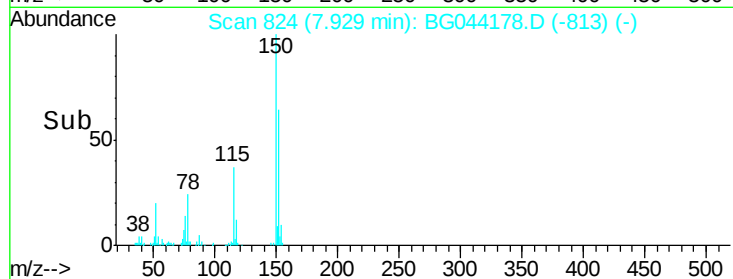
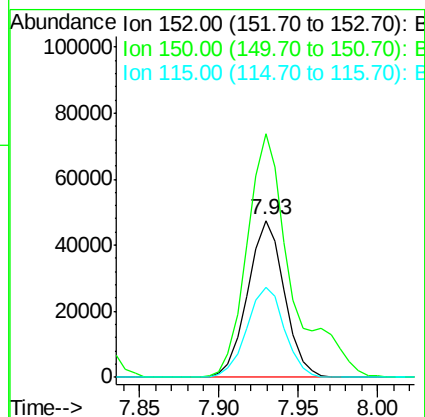
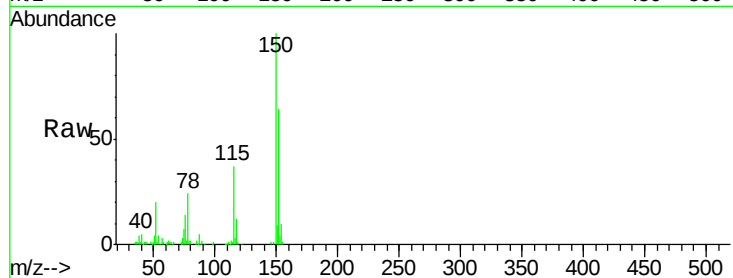
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.93 min Scan# 824
Delta R.T. -0.04 min
Lab File: BG044178.D
Acq: 24 Jan 2020 12:34

Instrument :
BNA_G
ClientSampleId :
PB126313BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.4	127.0	190.4
115	57.8	47.8	71.8

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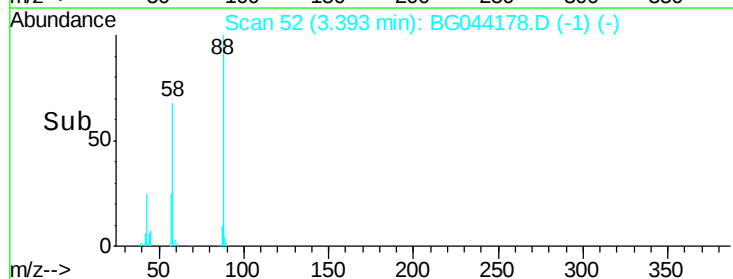
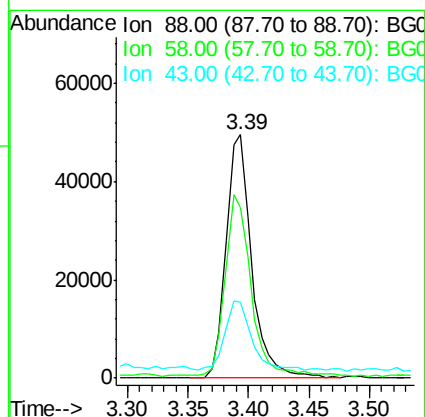
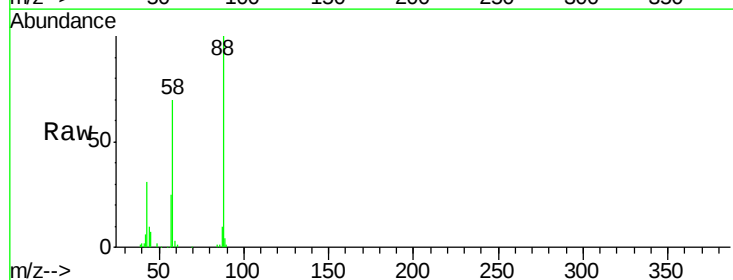
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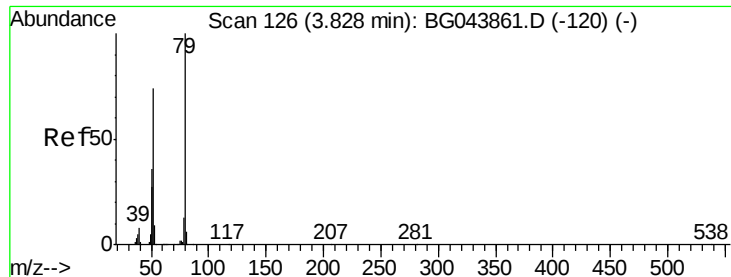


#2

1,4-Dioxane
Concen: 40.185 ng
RT: 3.39 min Scan# 52
Delta R.T. -0.05 min
Lab File: BG044178.D
Acq: 24 Jan 2020 12:34

Tgt Ion	Ratio	Lower	Upper
88	100		
58	74.7	59.8	89.8
43	28.9	22.9	34.3





#3

Pvridine

Concen: 34.430 ng

RT: 3.79 min Scan# 119

Delta R.T. -0.04 min

Lab File: BG044178.D

Acq: 24 Jan 2020 12:34

Instrument :

BNA_G

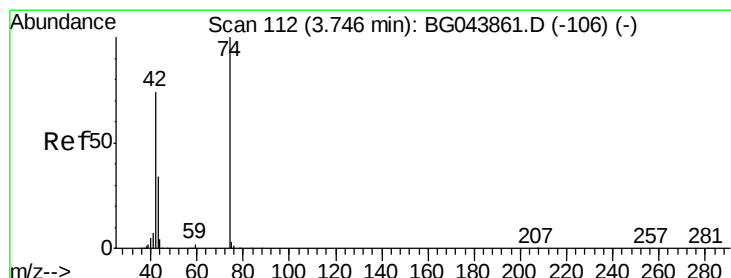
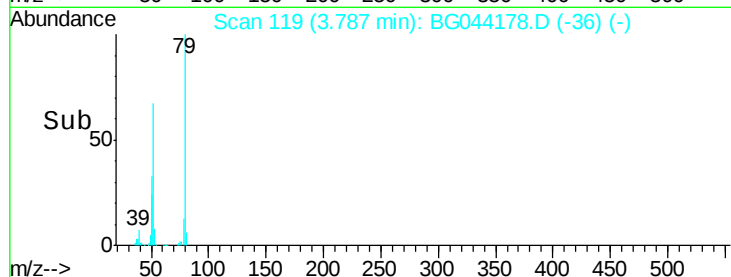
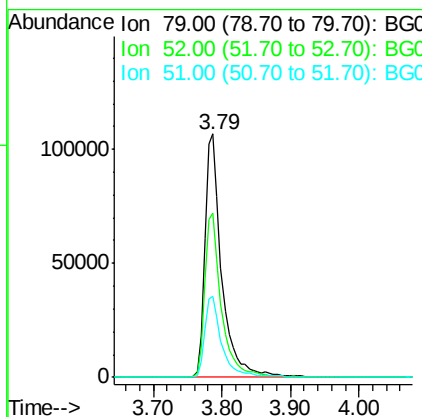
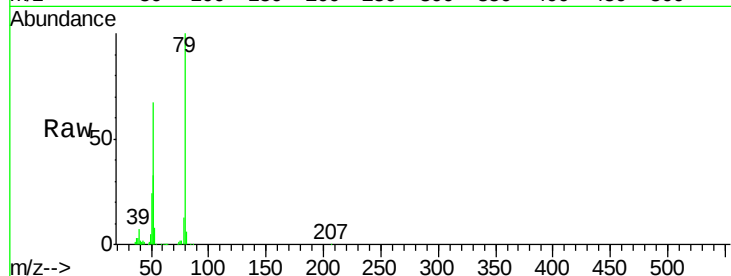
ClientSampled :

PB126313BS

Tot Ion:	79	Resp:	184494
Ion Ratio	Lower	Upper	
79	100		
52	67.3	58.9	88.3
51	33.2	28.6	43.0

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#4

n-Nitrosodimethylamine

Concen: 38.829 ng

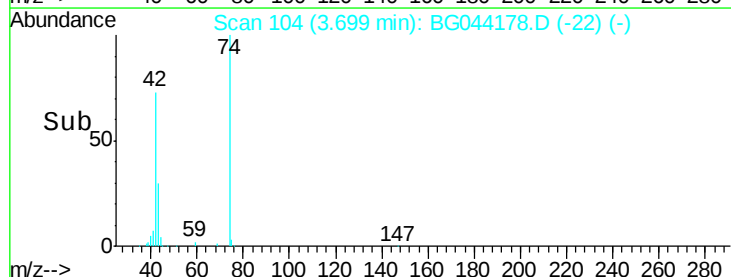
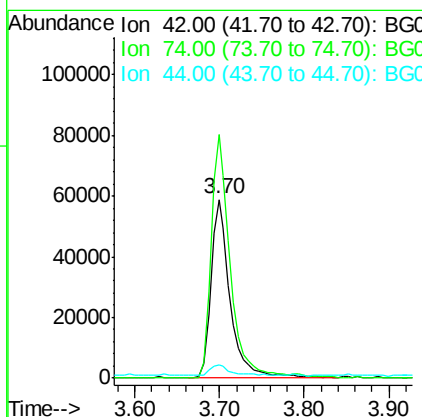
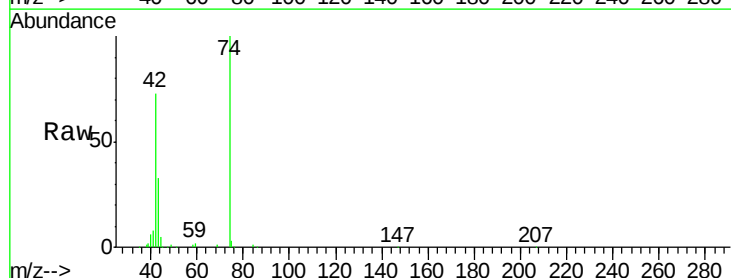
RT: 3.70 min Scan# 104

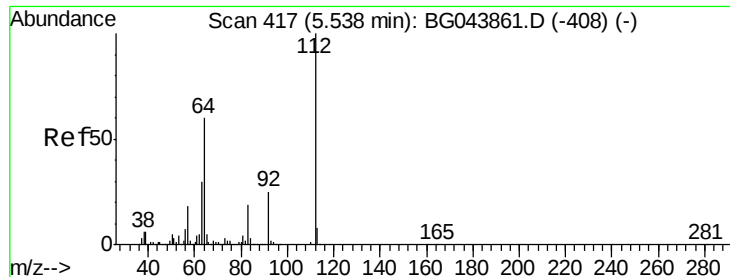
Delta R.T. -0.05 min

Lab File: BG044178.D

Acq: 24 Jan 2020 12:34

Tgt Ion:	42	Resp:	92634
Ion Ratio	Lower	Upper	
42	100		
74	136.3	108.6	162.8
44	7.2	5.0	7.6





#5

2-Fluorophenol

Concen: 148.802 ng

RT: 5.51 min Scan# 412

Delta R.T. -0.03 min

Lab File: BG044178.D

Acq: 24 Jan 2020 12:34

Instrument :

BNA_G

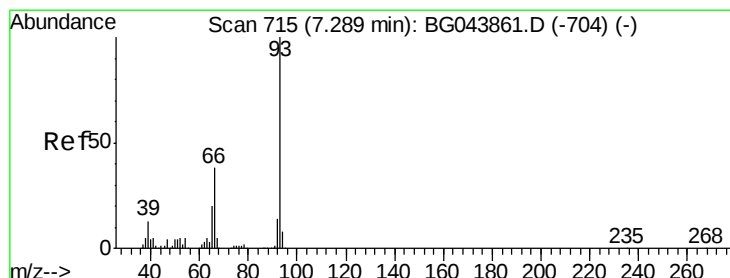
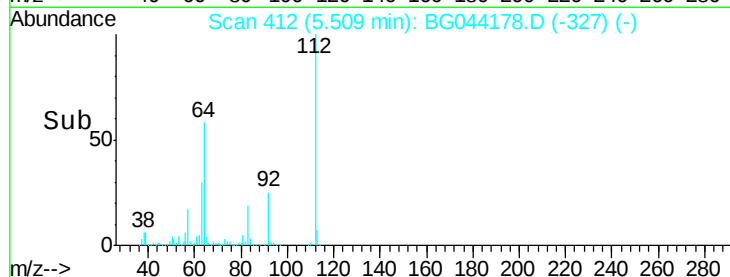
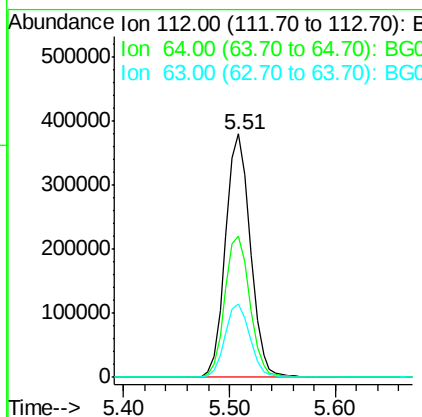
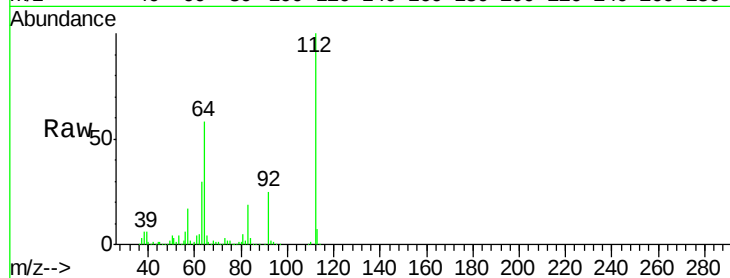
ClientSampleId :

PB126313BS

Tot Ion:	112	Resp:	619029
Ion Ratio	Lower	Upper	
112	100		
64	58.2	47.8	71.6
63	30.3	24.3	36.5

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#6

Aniline

Concen: 31.799 ng

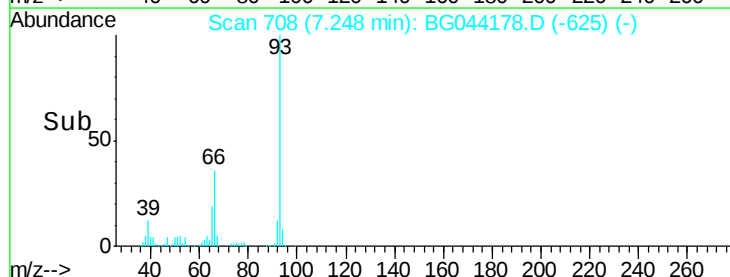
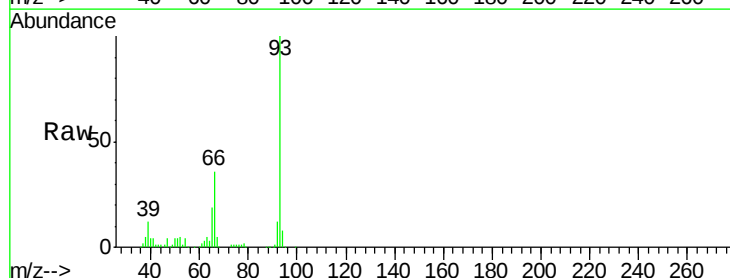
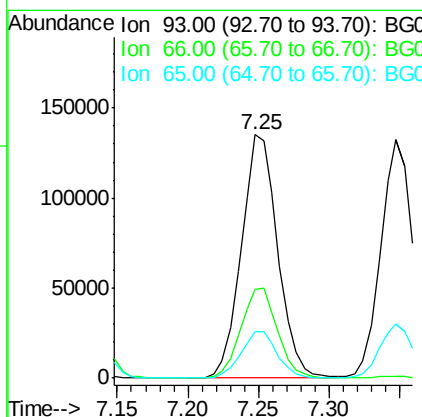
RT: 7.25 min Scan# 708

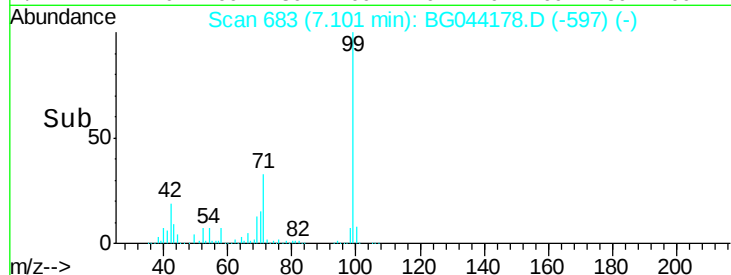
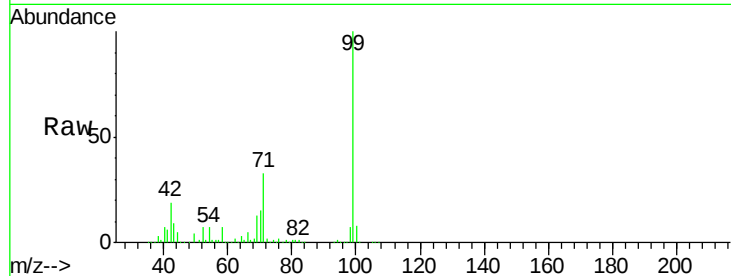
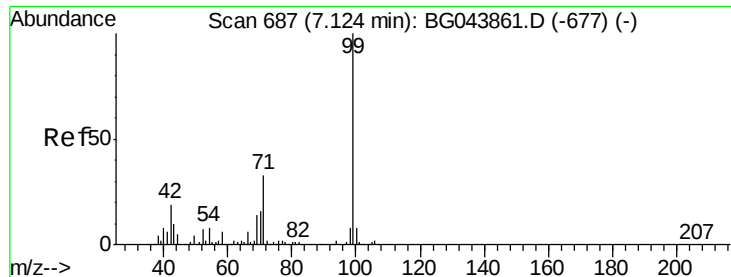
Delta R.T. -0.04 min

Lab File: BG044178.D

Acq: 24 Jan 2020 12:34

Tgt Ion:	93	Resp:	242877
Ion Ratio	Lower	Upper	
93	100		
66	36.5	30.8	46.2
65	19.0	16.0	24.0





#7

Phenol-d6

Concen: 143.068 ng

RT: 7.10 min Scan# 683

Delta R.T. -0.02 min

Lab File: BG044178.D

Acq: 24 Jan 2020 12:34

Tot Ion:	99	Resp:	831946
Ion Ratio	Lower	Upper	
99	100		
42	18.6	14.9	22.3
71	32.7	26.4	39.6

Instrument :

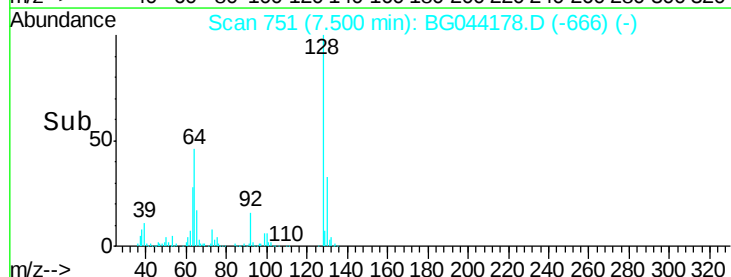
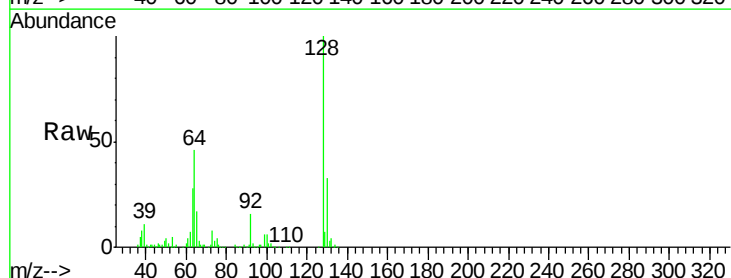
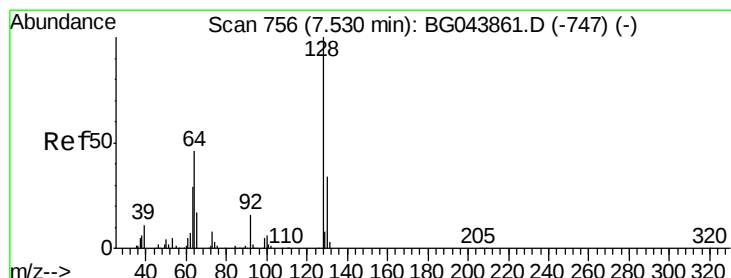
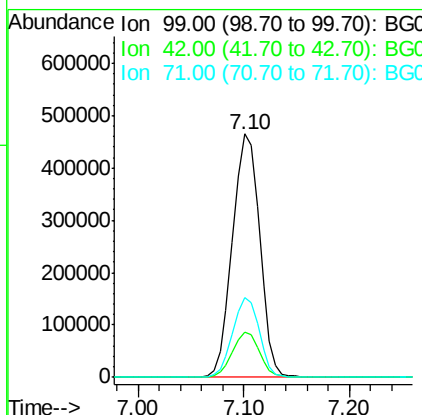
BNA_G

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#8

2-Chlorophenol

Concen: 46.665 ng

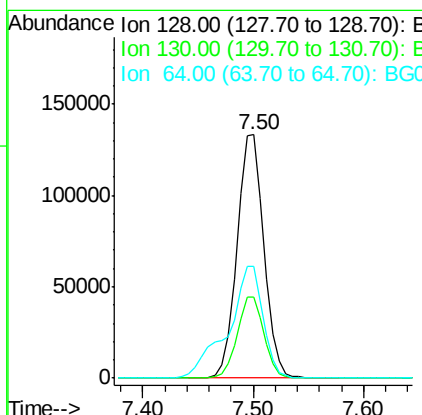
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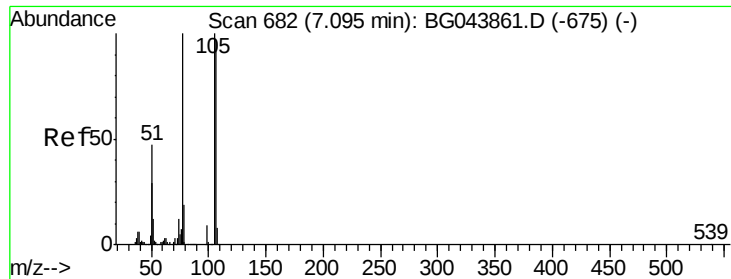
Delta R.T. -0.03 min

Lab File: BG044178.D

Acq: 24 Jan 2020 12:34

Tgt Ion:	128	Resp:	227904
Ion Ratio	Lower	Upper	
128	100		
130	33.3	13.8	53.8
64	46.0	27.6	67.6





#9

Benzaldehyde

Concen: 30.832 ng

RT: 7.06 min Scan# 676

Delta R.T. -0.04 min

Lab File: BG044178.D

Acq: 24 Jan 2020 12:34

Instrument :

BNA_G

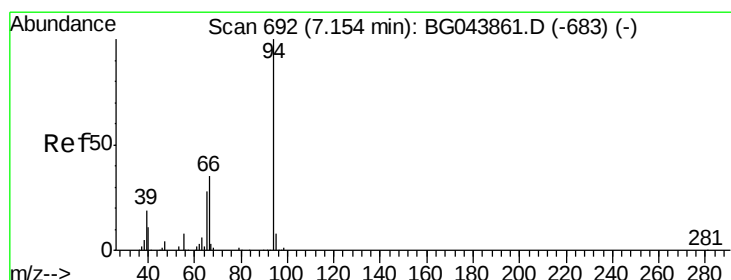
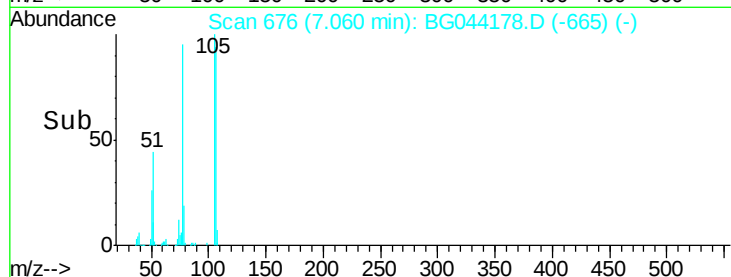
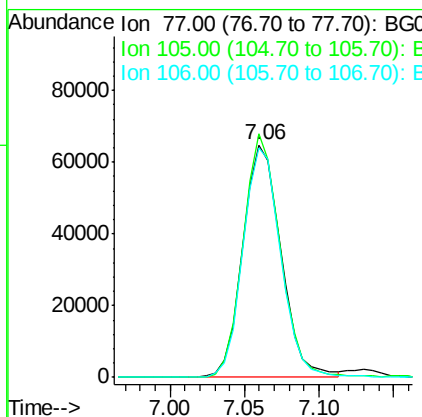
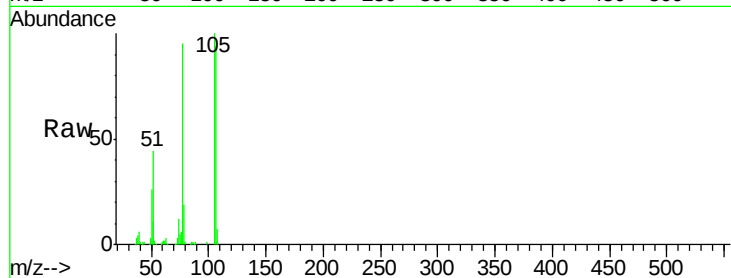
ClientSampleId :

PB126313BS

Tot Ion	Ratio	Lower	Upper
77	100		
105	104.7	80.2	120.2
106	98.5	77.2	117.2

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#10

Phenol

Concen: 47.433 ng

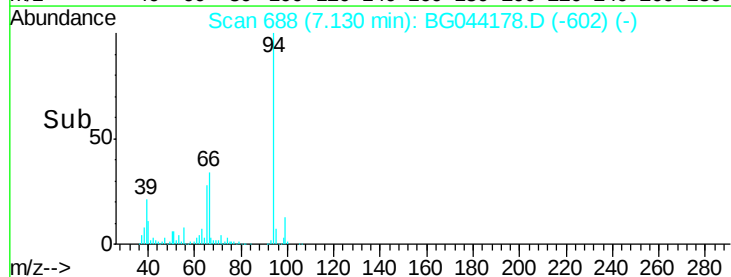
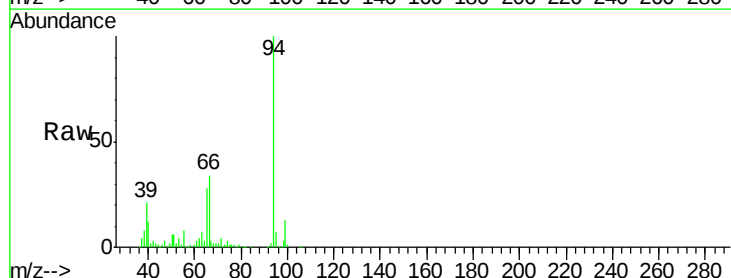
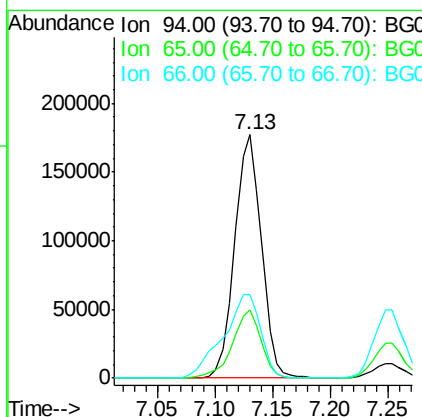
RT: 7.13 min Scan# 688

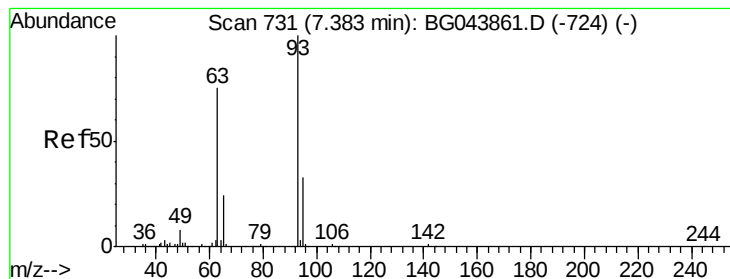
Delta R.T. -0.02 min

Lab File: BG044178.D

Acq: 24 Jan 2020 12:34

Tgt Ion	Ratio	Lower	Upper
94	100		
65	27.9	8.1	48.1
66	34.5	15.6	55.6





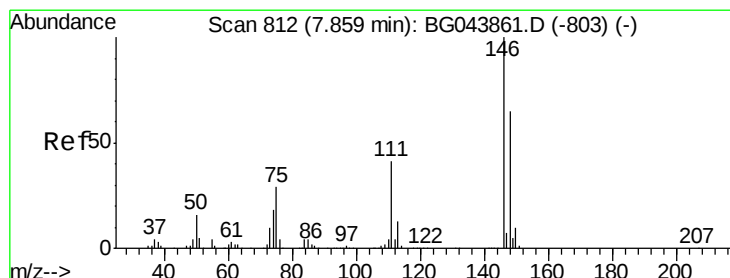
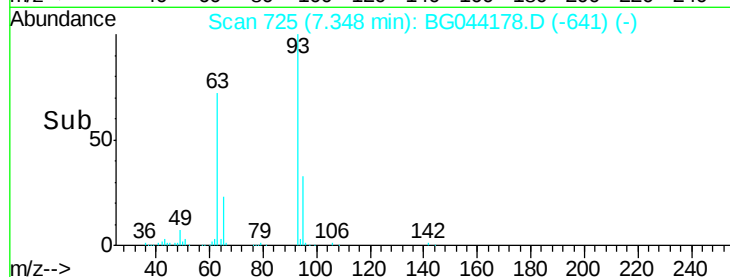
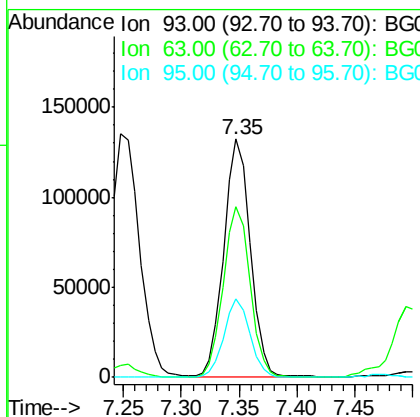
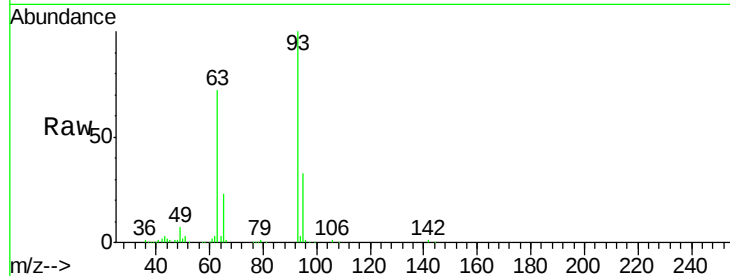
#11
bis(2-Chloroethyl)ether
Concen: 41.016 ng
RT: 7.35 min Scan# 725
Delta R.T. -0.04 min
Lab File: BG044178.D
Acq: 24 Jan 2020 12:34

Instrument :
BNA_G
ClientSampleId :
PB126313BS

Tot Ion	Ratio	Resp	Lower	Upper
93	100	212125		
63	71.6	55.0	95.0	
95	32.8	13.3	53.3	

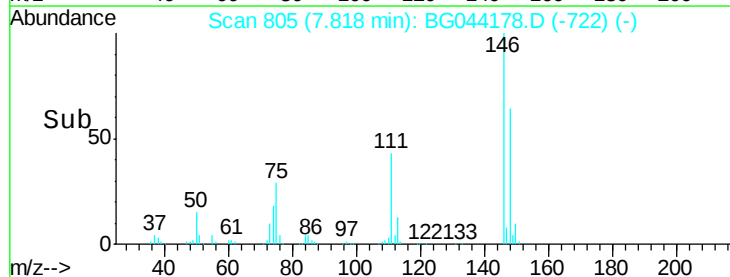
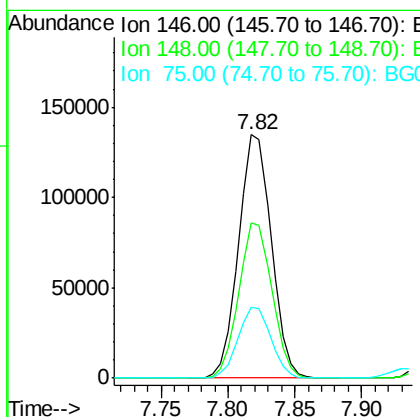
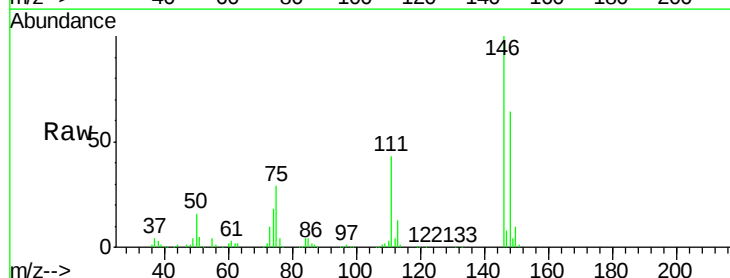
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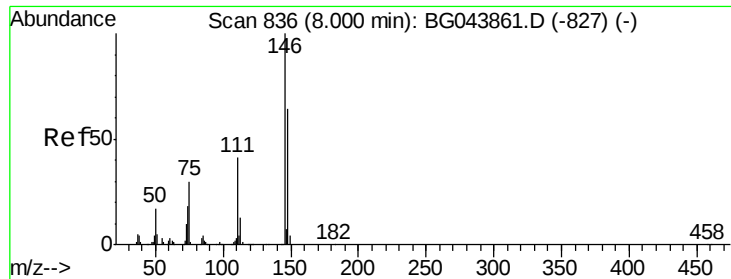
mohammad
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#12
1,3-Dichlorobenzene
Concen: 40.081 ng
RT: 7.82 min Scan# 805
Delta R.T. -0.04 min
Lab File: BG044178.D
Acq: 24 Jan 2020 12:34

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	229069		
148	63.6	52.1	78.1	
75	29.2	23.0	34.4	





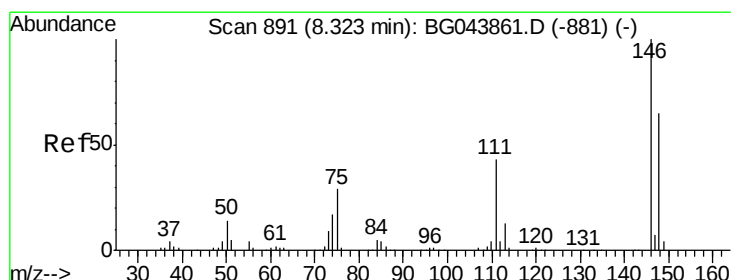
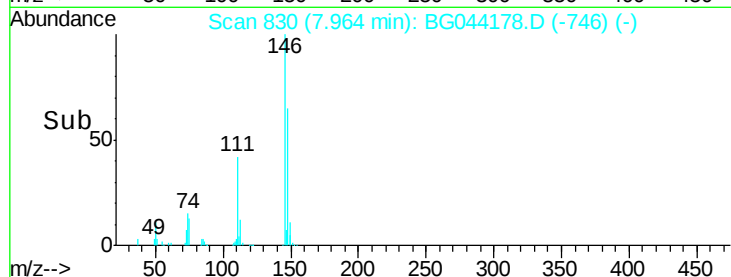
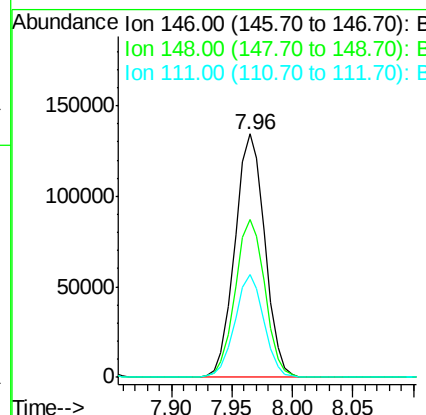
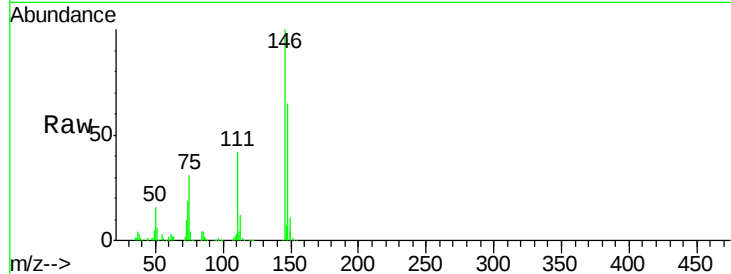
#13
1,4-Dichlorobenzene
Concen: 41.118 ng
RT: 7.96 min Scan# 830
Delta R.T. -0.04 min
Lab File: BG044178.D
Acq: 24 Jan 2020 12:34

Instrument :
BNA_G
ClientSampleId :
PB126313BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.8	51.2	76.8
111	42.2	33.1	49.7

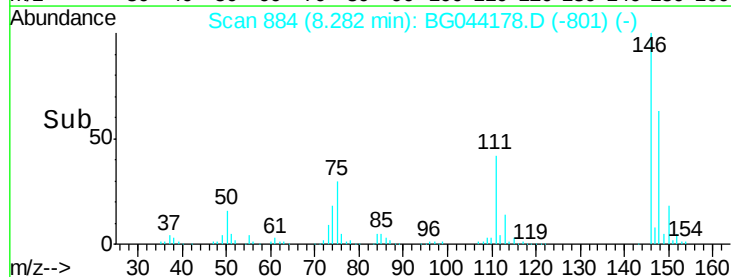
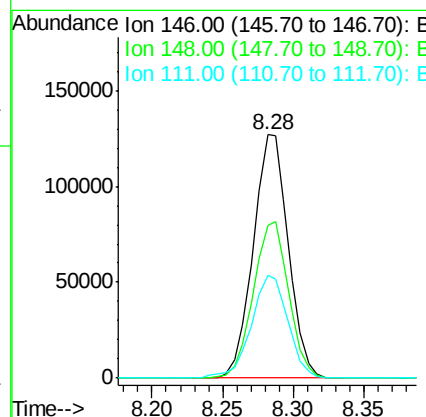
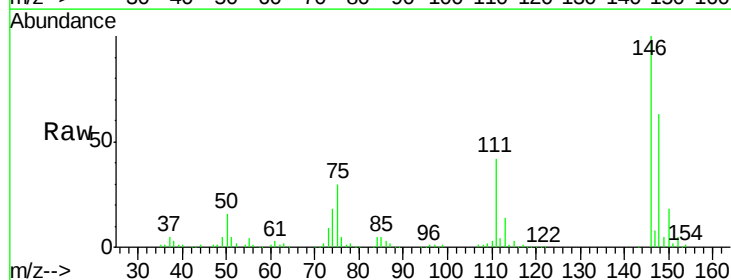
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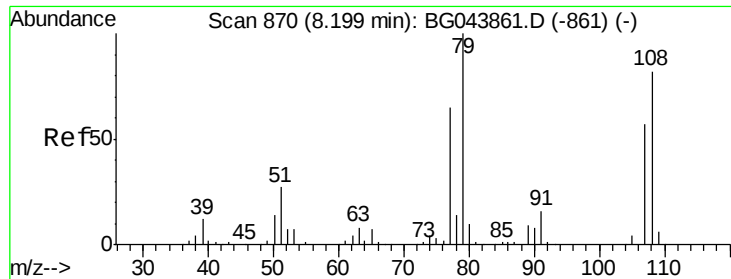
mohammad
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#14
1,2-Dichlorobenzene
Concen: 40.932 ng
RT: 8.28 min Scan# 884
Delta R.T. -0.04 min
Lab File: BG044178.D
Acq: 24 Jan 2020 12:34

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.7	51.7	77.5
111	42.0	34.4	51.6





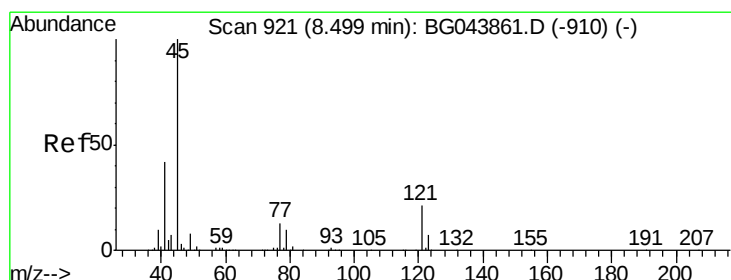
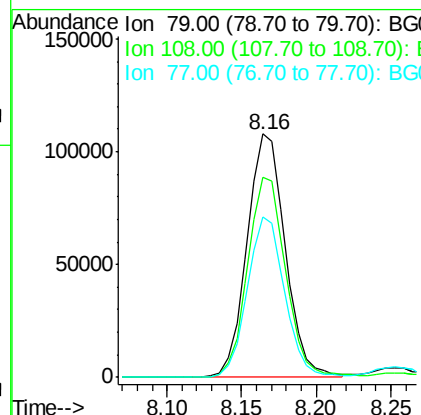
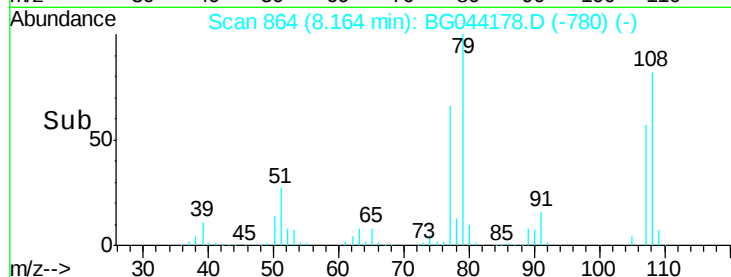
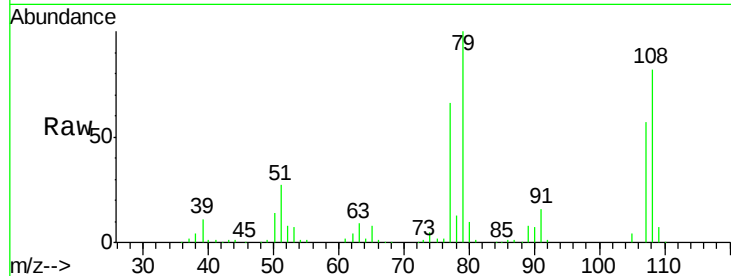
#15
Benzyl Alcohol
Concen: 41.452 ng
RT: 8.16 min Scan# 864
Delta R.T. -0.04 min
Lab File: BG044178.D
Acq: 24 Jan 2020 12:34

Instrument :
BNA_G
ClientSampled :
PB126313BS

Tot Ion	Ratio	Resp	Lower	Upper
79	100			
108	82.0	65.6	98.4	
77	65.8	52.0	78.0	

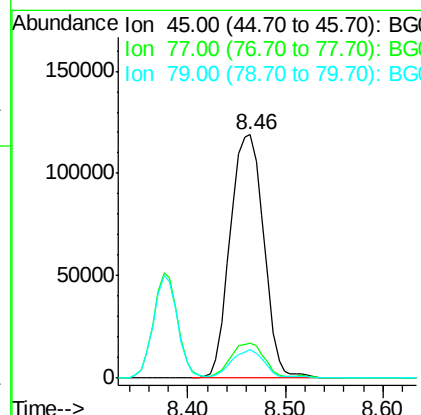
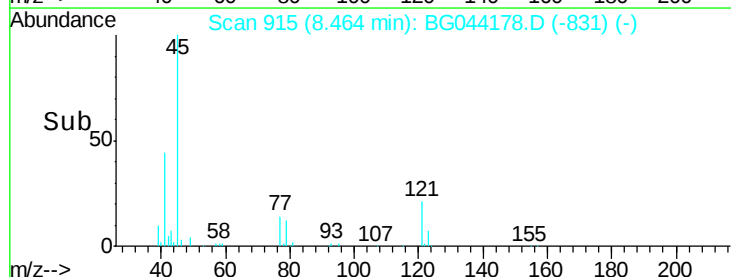
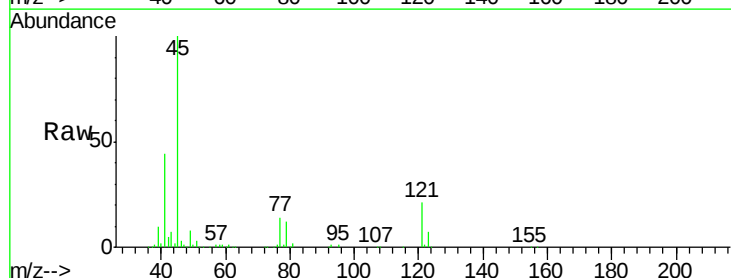
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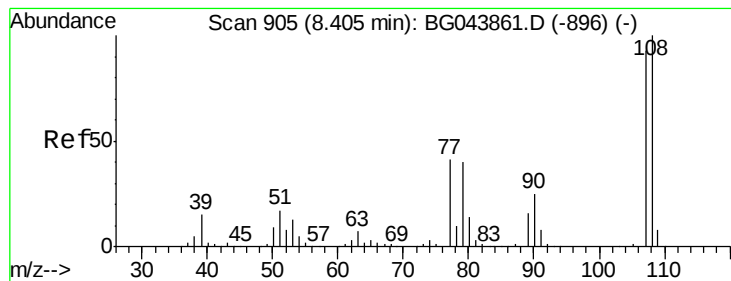
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 35.505 ng
RT: 8.46 min Scan# 915
Delta R.T. -0.04 min
Lab File: BG044178.D
Acq: 24 Jan 2020 12:34

Tgt Ion	Ratio	Resp	Lower	Upper
45	100			
77	14.2	0.0	33.8	
79	11.7	0.0	31.0	





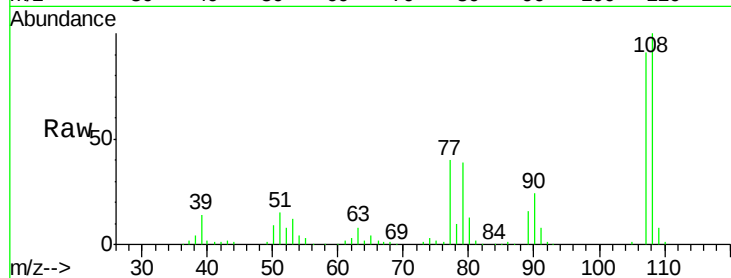
#17
2-Methylphenol
Concen: 46.621 ng
RT: 8.38 min Scan# 900
Delta R.T. -0.03 min
Lab File: BG044178.D
Acq: 24 Jan 2020 12:34

Instrument :
BNA_G
ClientSampleId :
PB126313BS

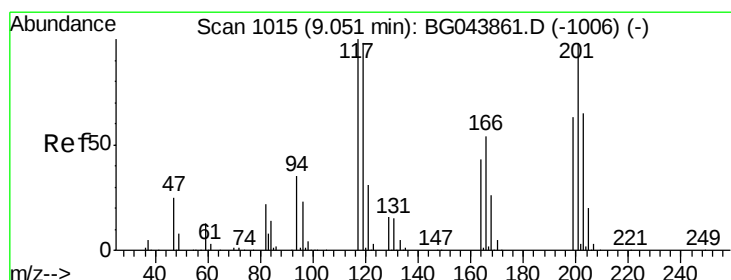
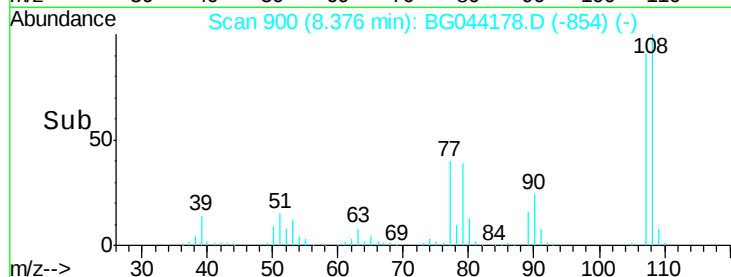
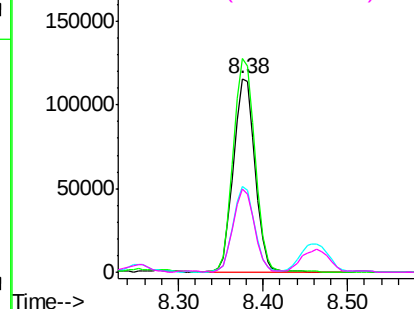
Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	110.3	86.1	129.1	
77	44.5	35.4	53.0	
79	43.2	34.8	52.2	

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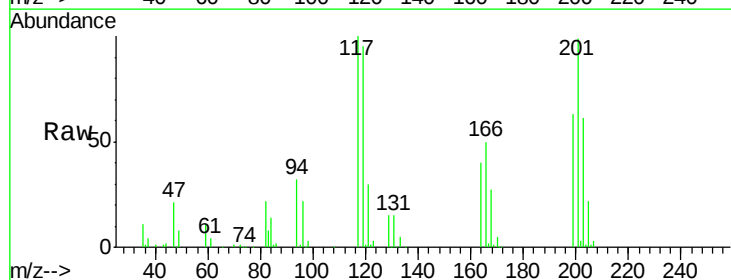


Abundance Ion 107.00 (106.70 to 107.70): E
200000
Ion 108.00 (107.70 to 108.70): E
150000
Ion 77.00 (76.70 to 77.70): BG
100000
Ion 79.00 (78.70 to 79.70): BG
50000
0

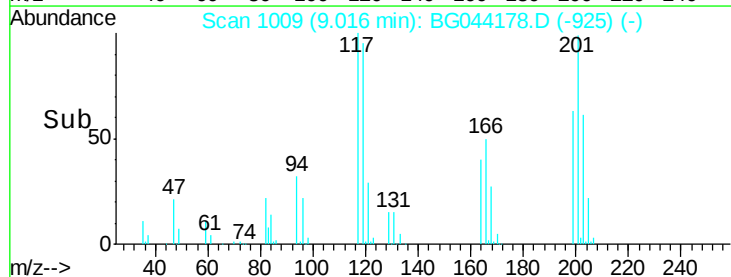
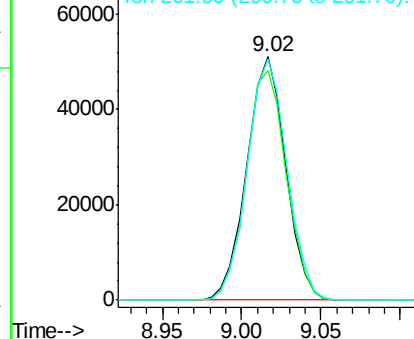


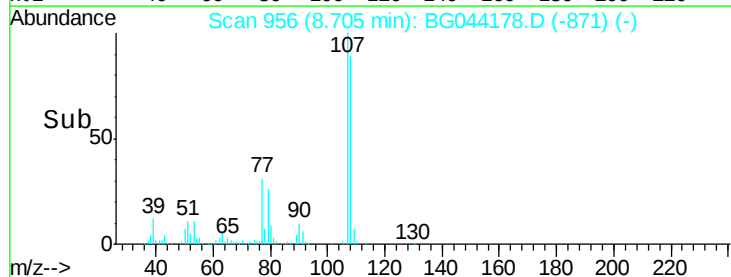
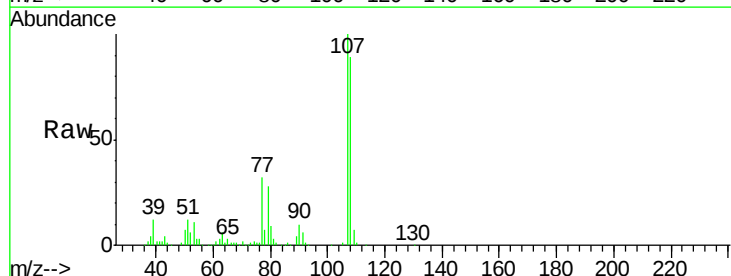
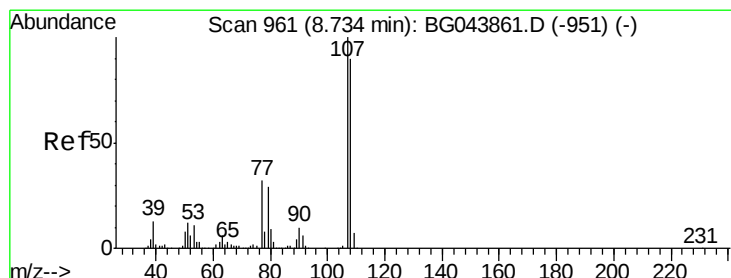
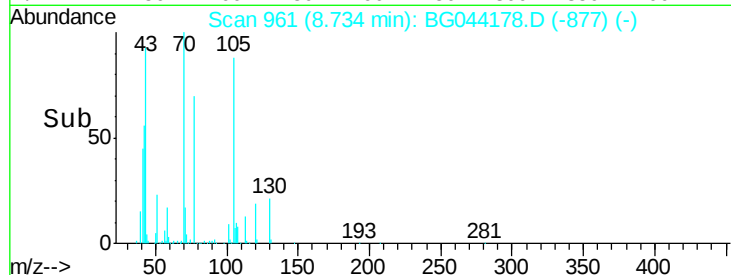
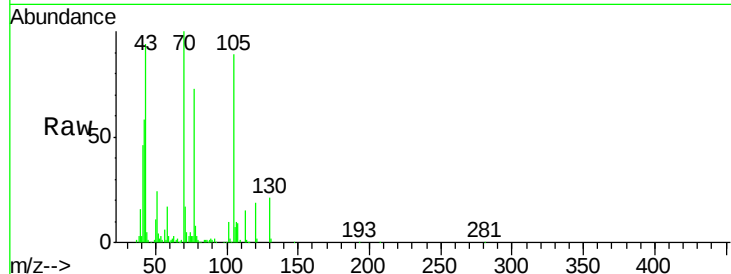
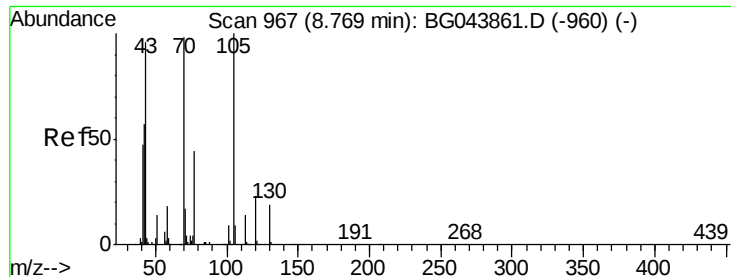
#18
Hexachloroethane
Concen: 39.701 ng
RT: 9.02 min Scan# 1009
Delta R.T. -0.04 min
Lab File: BG044178.D
Acq: 24 Jan 2020 12:34

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	94.5	78.1	117.1	
201	98.8	78.6	117.8	



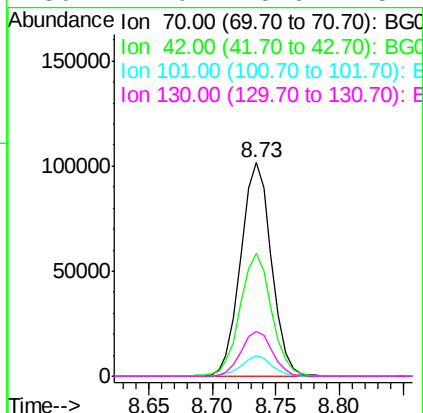
Abundance Ion 117.00 (116.70 to 117.70): E
60000
Ion 119.00 (118.70 to 119.70): E
40000
Ion 201.00 (200.70 to 201.70): E
20000
0





#19
n-Nitroso-di-n-propylamine
Concen: 39.397 ng
RT: 8.73 min Scan# 961
Delta R.T. -0.04 min
Lab File: BG044178.D
Acq: 24 Jan 2020 12:34

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	57.6	47.0	70.4	
101	9.7	7.2	10.8	
130	21.0	15.6	23.4	



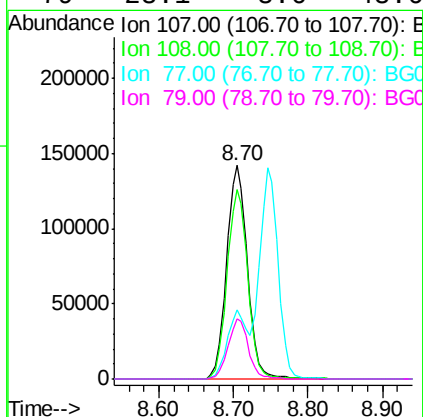
Instrument :
BNA_G
ClientSampleId :
PB126313BS

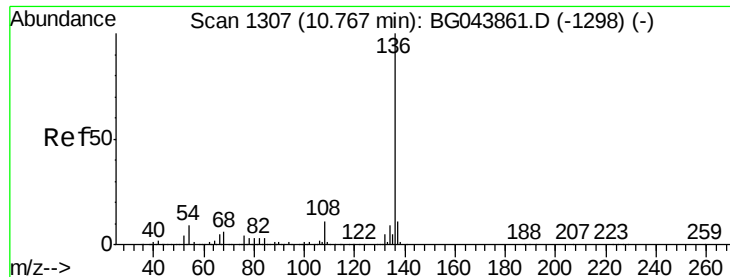
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#20
3+4-Methylphenols
Concen: 45.634 ng
RT: 8.70 min Scan# 956
Delta R.T. -0.03 min
Lab File: BG044178.D
Acq: 24 Jan 2020 12:34

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	89.0	70.3	110.3	
77	32.2	12.4	52.4	
79	28.1	8.6	48.6	





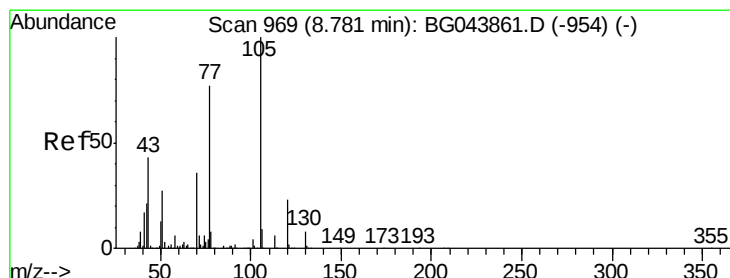
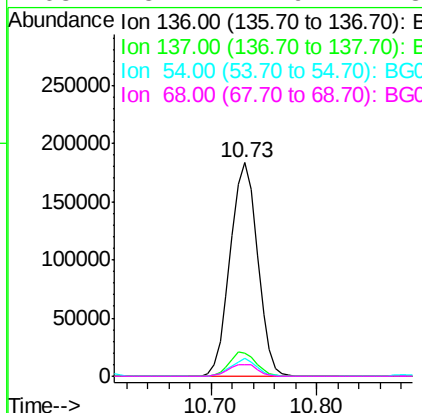
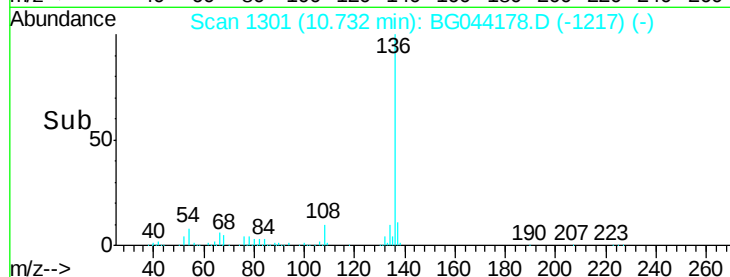
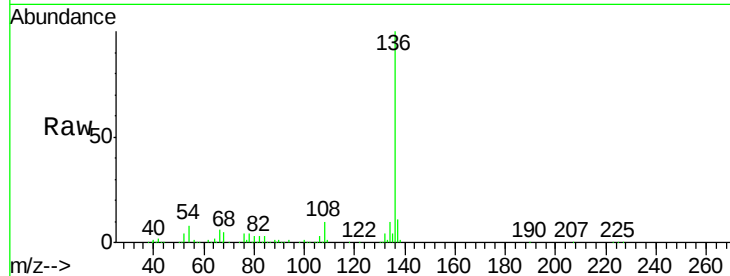
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.73 min Scan# 1301
Delta R.T. -0.04 min
Lab File: BG044178.D
Acq: 24 Jan 2020 12:34

Instrument :
BNA_G
ClientSampleId :
PB126313BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		327952		
137	11.1	8.8	13.2		
54	8.1	7.0	10.4		
68	5.2	4.9	7.3		

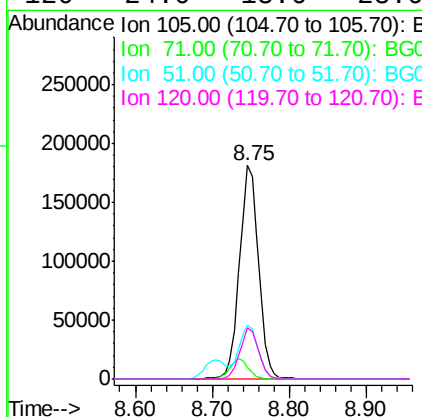
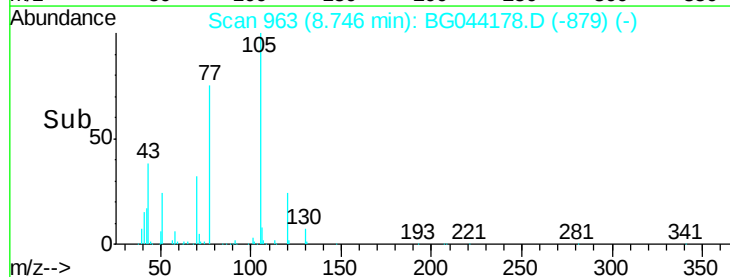
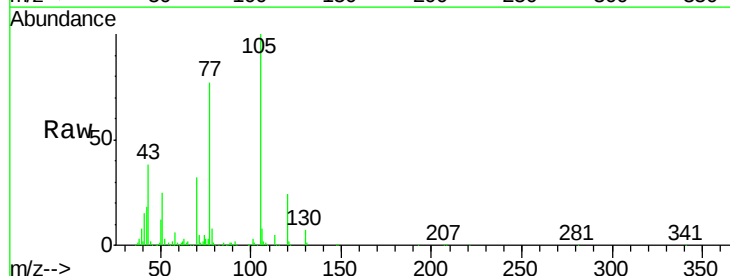
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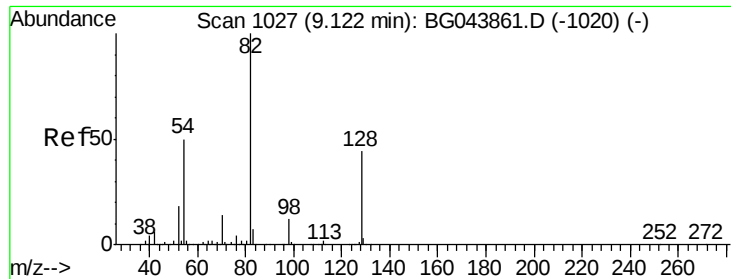
mohammad
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#22
Acetophenone
Concen: 38.657 ng
RT: 8.75 min Scan# 963
Delta R.T. -0.04 min
Lab File: BG044178.D
Acq: 24 Jan 2020 12:34

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		315179		
71	5.2	4.8	7.2		
51	25.4	21.4	32.0		
120	24.0	18.6	28.0		





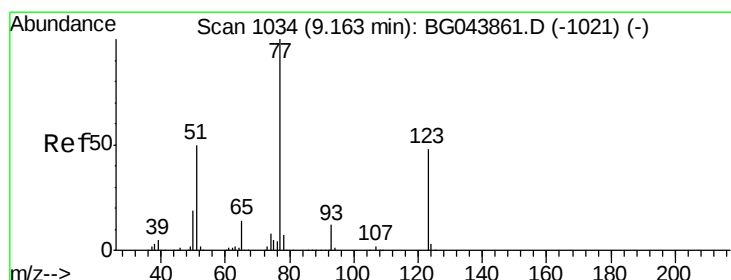
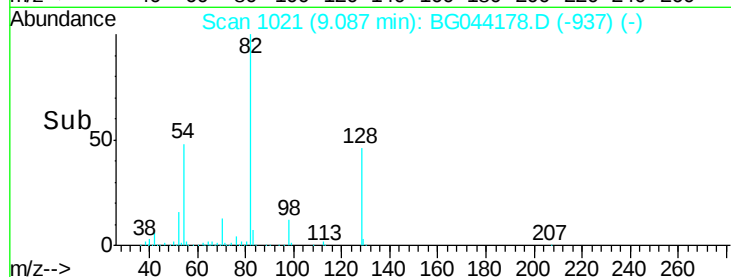
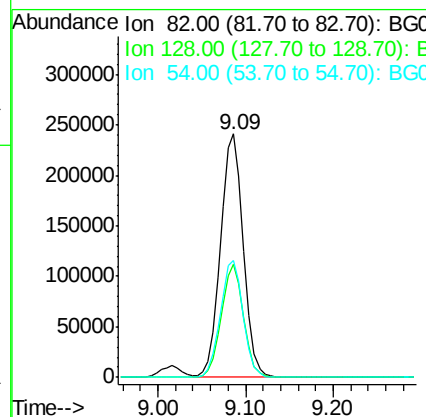
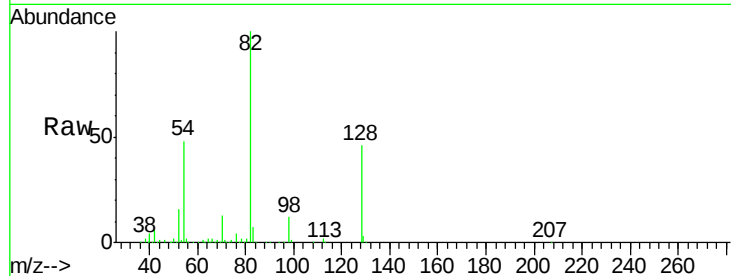
#23
Nitrobenzene-d5
Concen: 70.641 ng
RT: 9.09 min Scan# 1021
Delta R.T. -0.04 min
Lab File: BG044178.D
Acq: 24 Jan 2020 12:34

Instrument :
BNA_G
ClientSampleId :
PB126313BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.3	35.1	52.7
54	47.8	40.1	60.1

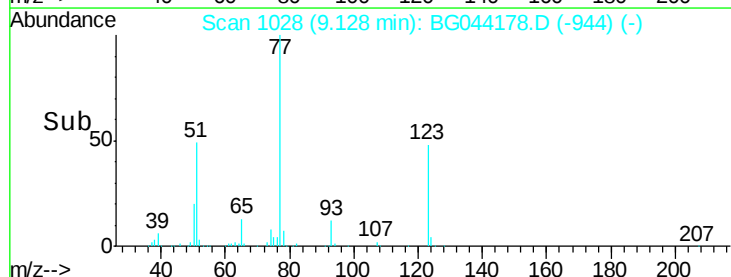
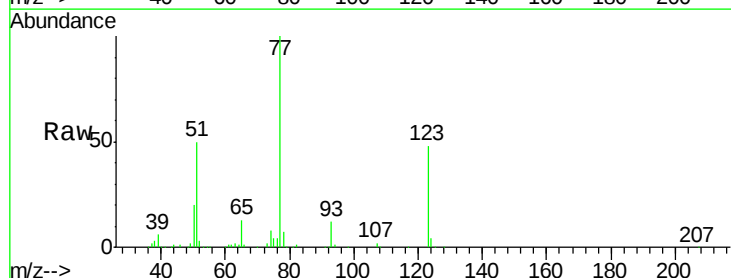
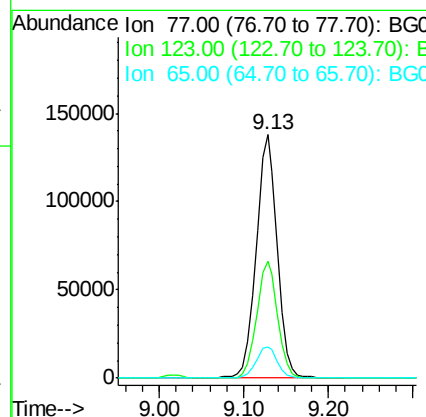
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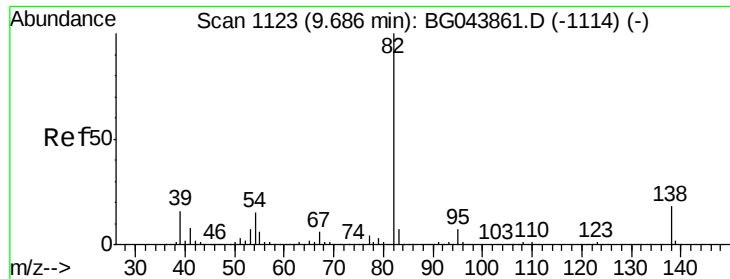
mohammad
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#24
Nitrobenzene
Concen: 39.656 ng
RT: 9.13 min Scan# 1028
Delta R.T. -0.04 min
Lab File: BG044178.D
Acq: 24 Jan 2020 12:34

Tgt Ion	Ratio	Lower	Upper
77	100		
123	48.0	38.7	58.1
65	12.7	11.1	16.7





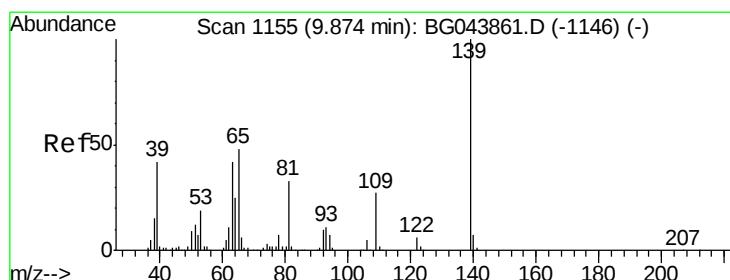
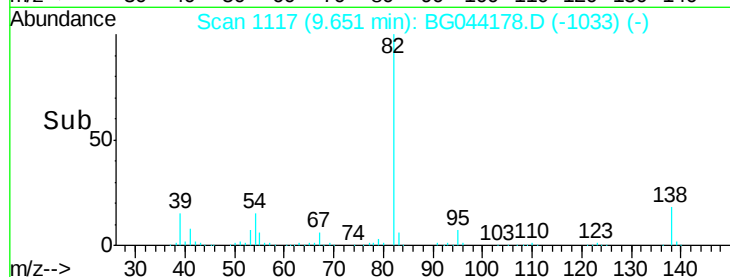
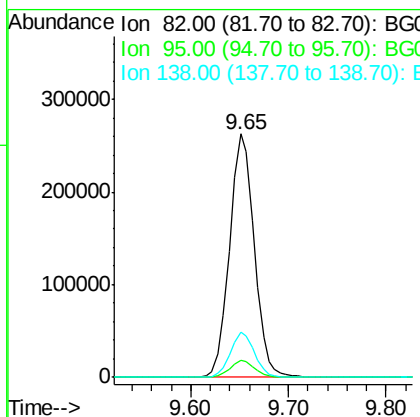
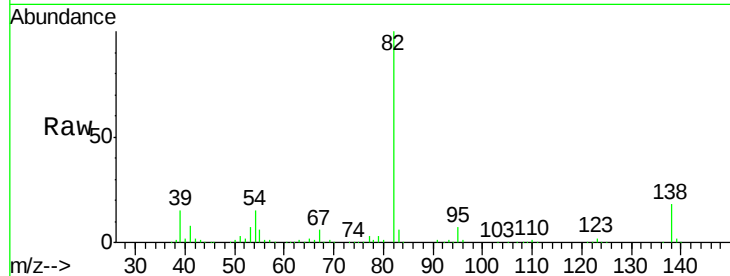
#25
Isophorone
Concen: 40.150 ng
RT: 9.65 min Scan# 1117
Delta R.T. -0.04 min
Lab File: BG044178.D
Acq: 24 Jan 2020 12:34

Instrument :
BNA_G
ClientSampleId :
PB126313BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
82	100				
95	7.0		5.8	8.6	
138	18.4		14.6	22.0	

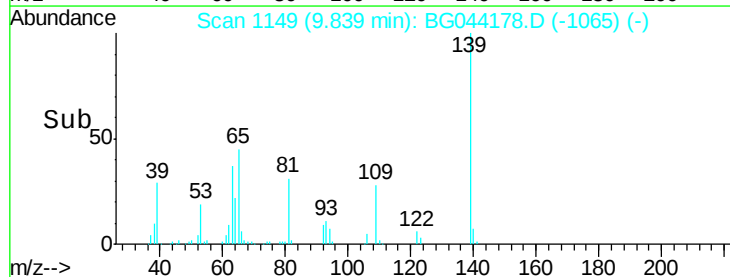
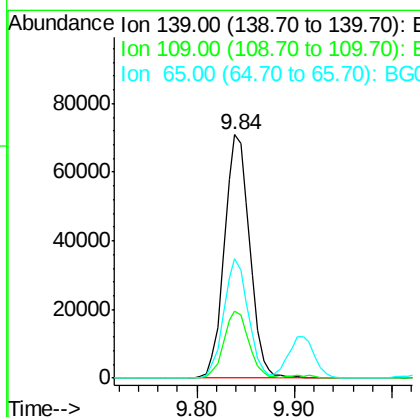
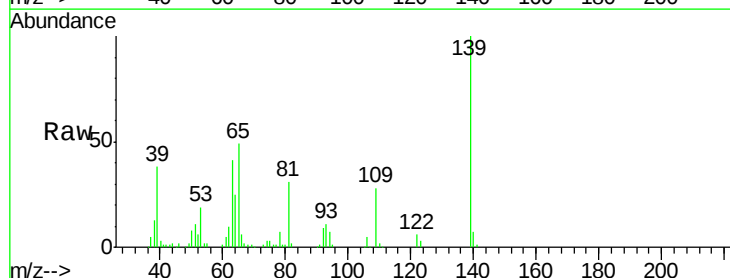
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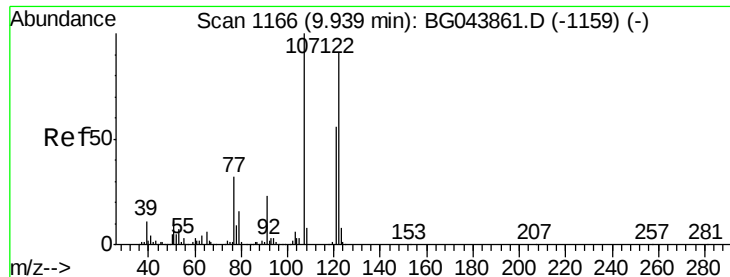
mohammad
1/28/2020 8:11:29 AM



#26
2-Nitrophenol
Concen: 44.317 ng
RT: 9.84 min Scan# 1149
Delta R.T. -0.04 min
Lab File: BG044178.D
Acq: 24 Jan 2020 12:34

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
139	100				
109	27.6		21.3	31.9	
65	48.8		38.6	57.8	





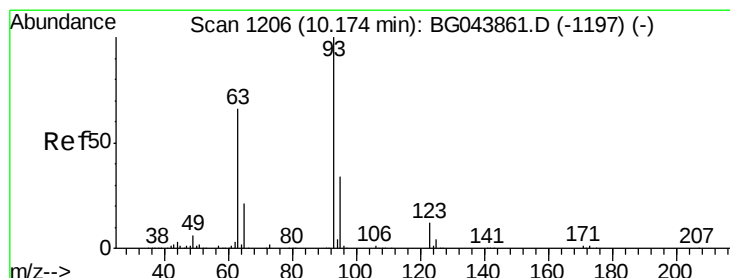
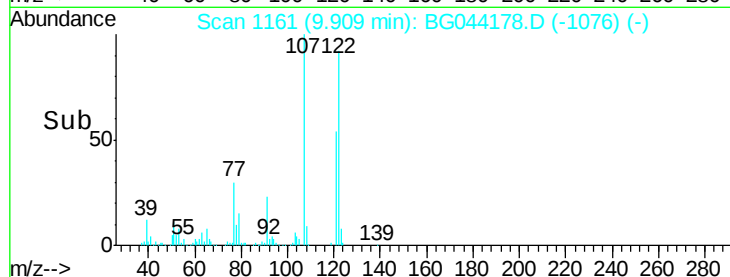
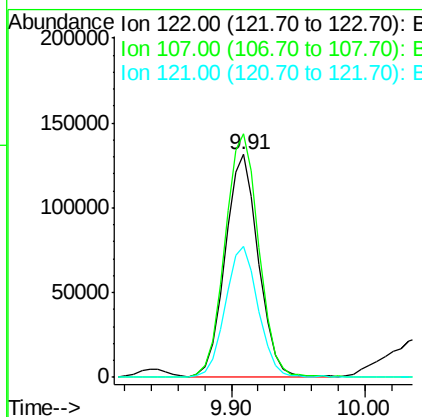
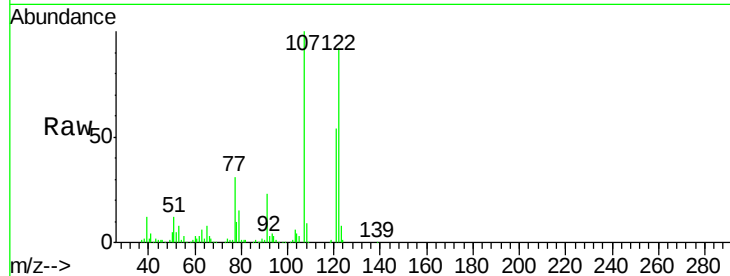
#27
2,4-Dimethylphenol
Concen: 52.286 ng
RT: 9.91 min Scan# 1161
Delta R.T. -0.03 min
Lab File: BG044178.D
Acq: 24 Jan 2020 12:34

Instrument :
BNA_G
ClientSampleId :
PB126313BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	226092		
107	109.1	88.0	132.0	
121	58.8	49.0	73.4	

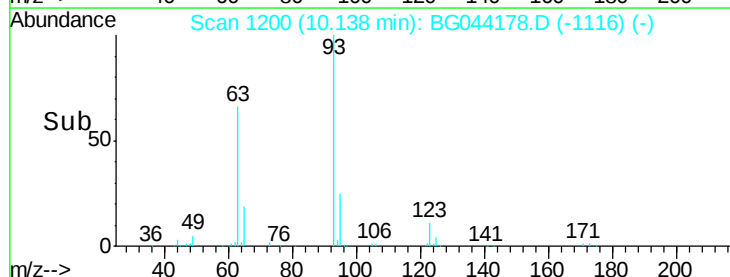
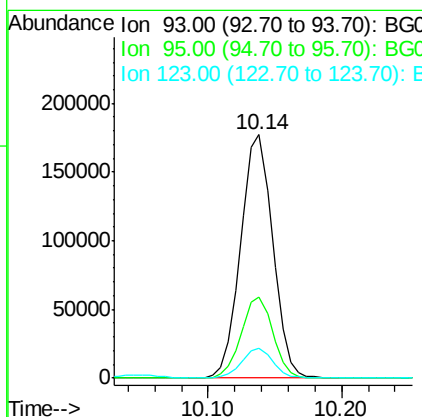
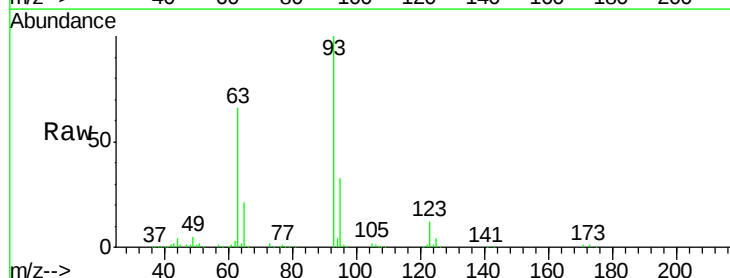
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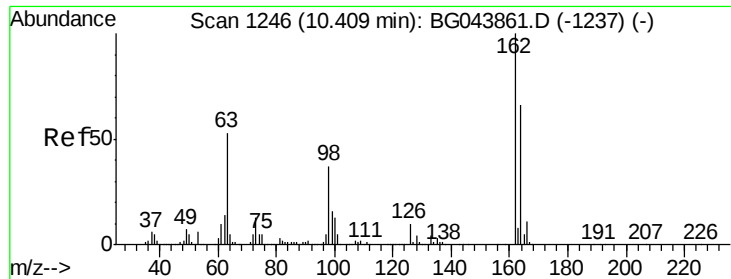
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 38.489 ng
RT: 10.14 min Scan# 1200
Delta R.T. -0.04 min
Lab File: BG044178.D
Acq: 24 Jan 2020 12:34

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	295124		
95	33.5	27.2	40.8	
123	12.2	9.7	14.5	





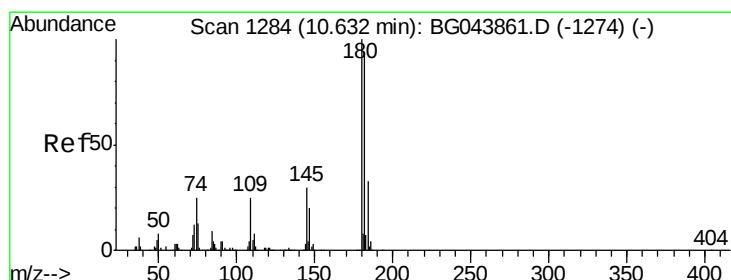
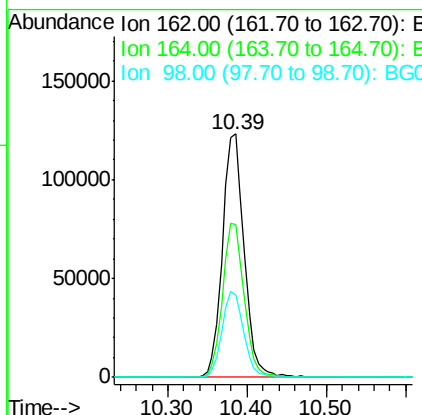
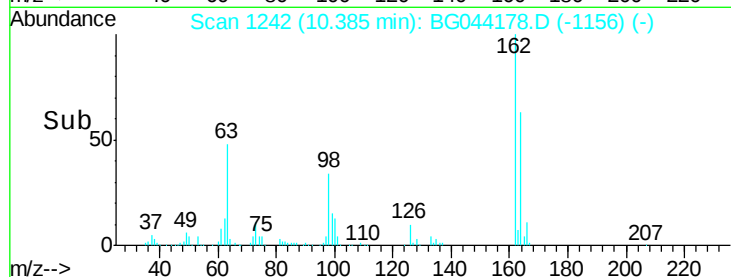
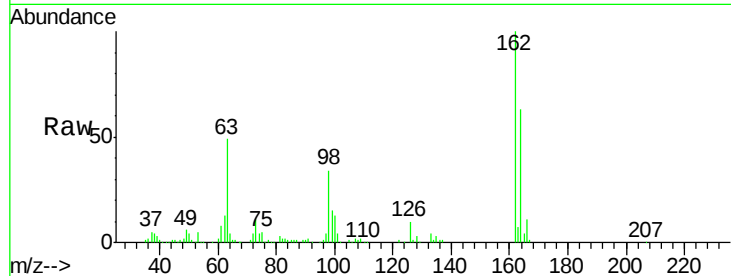
#29
2,4-Dichlorophenol
Concen: 45.329 ng
RT: 10.39 min Scan# 1242
Delta R.T. -0.02 min
Lab File: BG044178.D
Acq: 24 Jan 2020 12:34

Instrument :
BNA_G
ClientSampleId :
PB126313BS

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	62.8	46.3	86.3
98	34.1	17.3	57.3

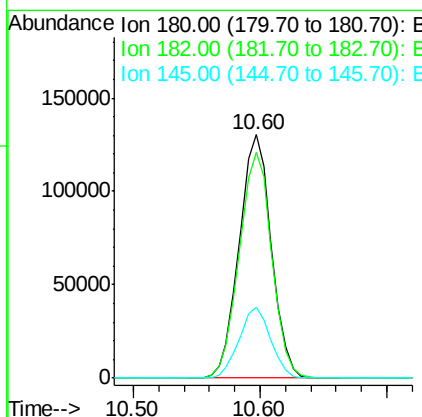
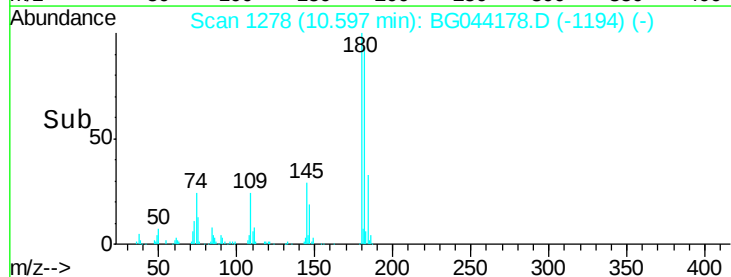
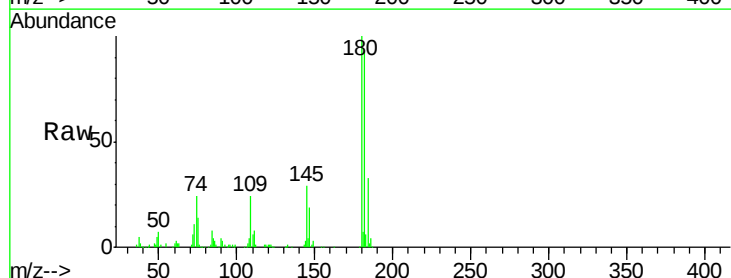
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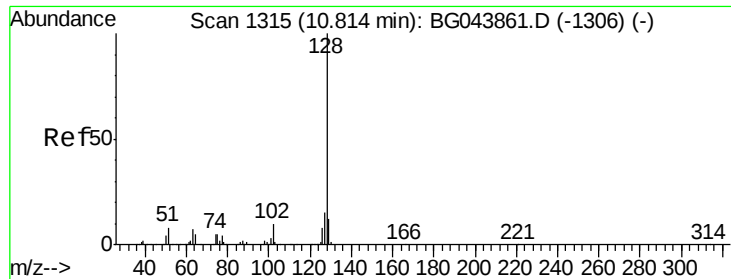
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#30
1,2,4-Trichlorobenzene
Concen: 39.528 ng
RT: 10.60 min Scan# 1278
Delta R.T. -0.04 min
Lab File: BG044178.D
Acq: 24 Jan 2020 12:34

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	92.9	75.0	112.4
145	28.9	24.2	36.4





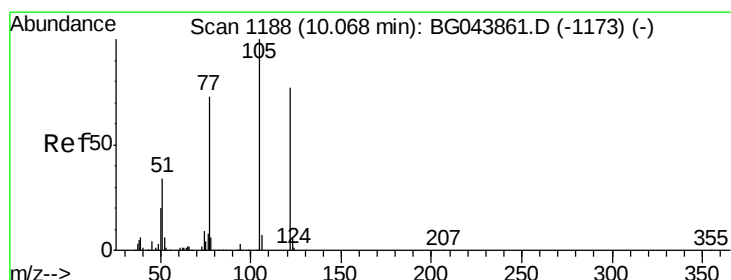
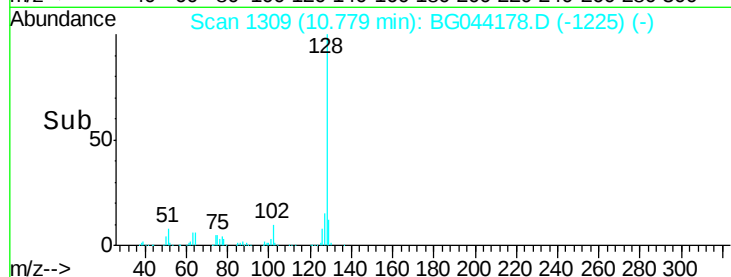
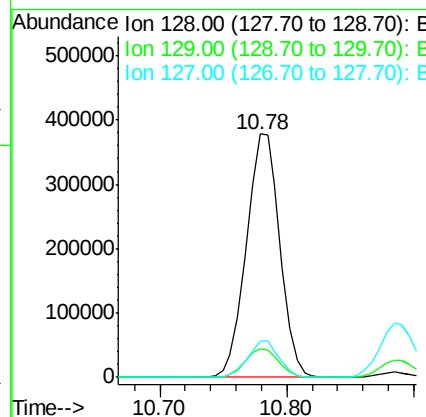
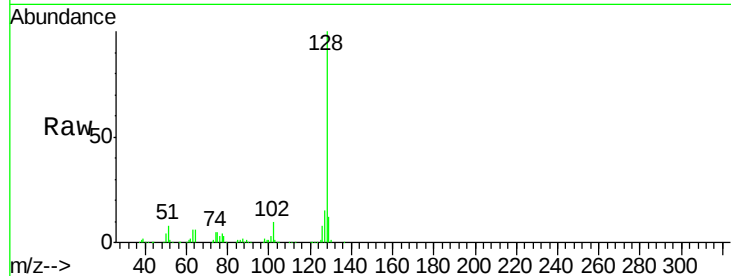
#31
Naphthalene
Concen: 43.521 ng
RT: 10.78 min Scan# 1309
Delta R.T. -0.04 min
Lab File: BG044178.D
Acq: 24 Jan 2020 12:34

Instrument :
BNA_G
ClientSampleId :
PB126313BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.7	9.8	14.6
127	14.8	12.0	18.0

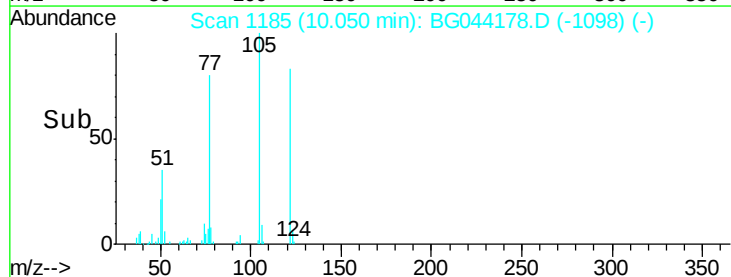
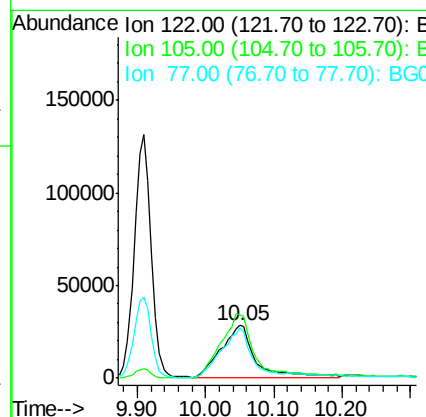
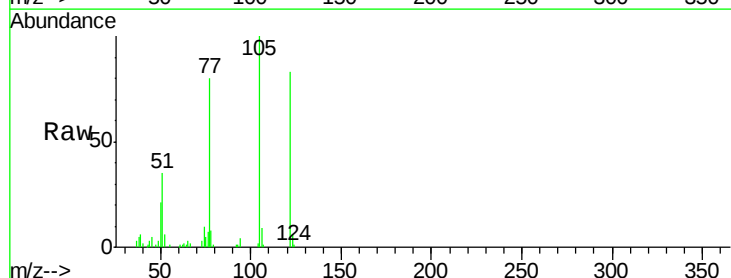
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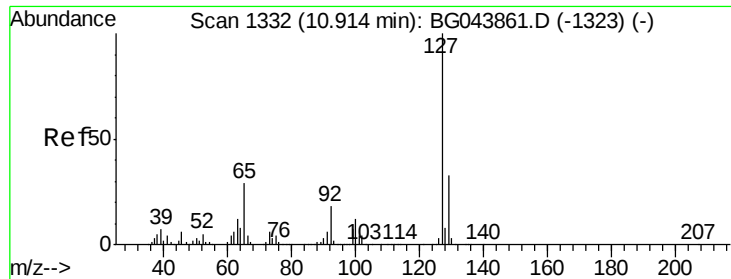
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#32
Benzoic acid
Concen: 31.442 ng m
RT: 10.05 min Scan# 1185
Delta R.T. -0.02 min
Lab File: BG044178.D
Acq: 24 Jan 2020 12:34

Tgt Ion	Ratio	Lower	Upper
122	100		
105	120.0	106.4	146.4
77	95.9	74.6	114.6





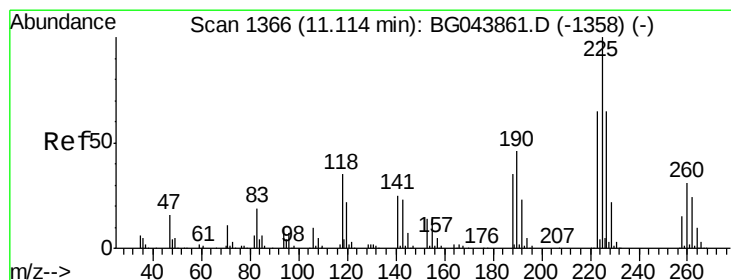
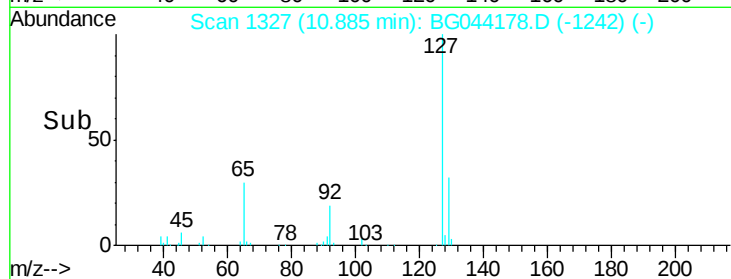
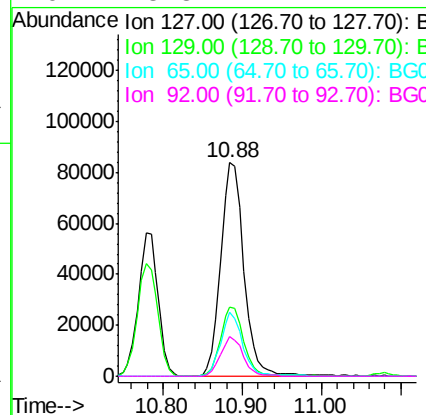
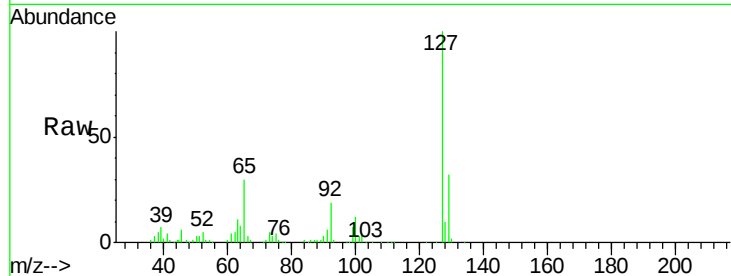
#33
4-Chloroaniline
Concen: 22.500 ng
RT: 10.88 min Scan# 1327
Delta R.T. -0.03 min
Lab File: BG044178.D
Acq: 24 Jan 2020 12:34

Instrument :
BNA_G
ClientSampleId :
PB126313BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		170313		
129	32.2	26.6	40.0		
65	29.7	23.3	34.9		
92	18.8	14.7	22.1		

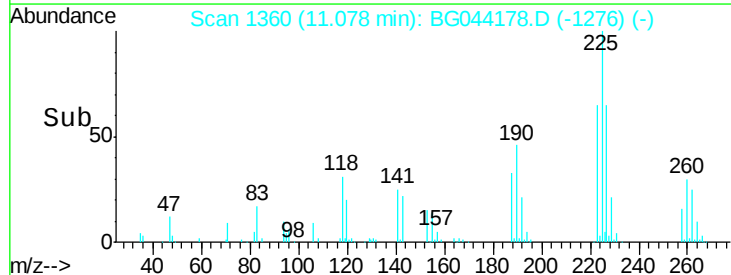
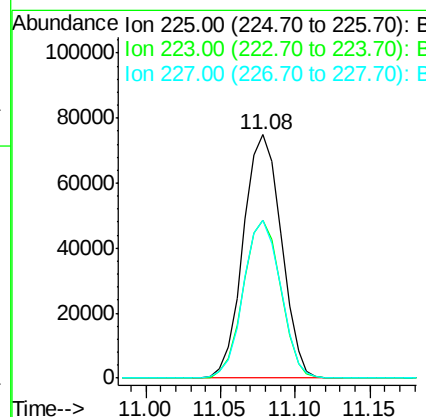
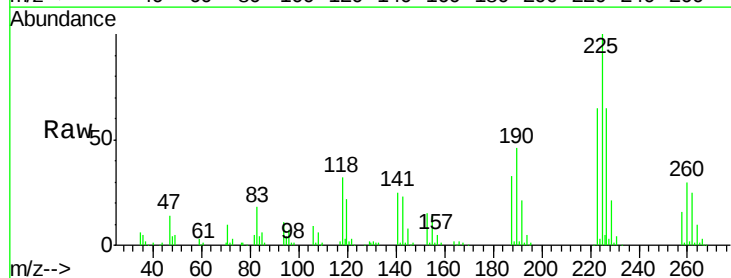
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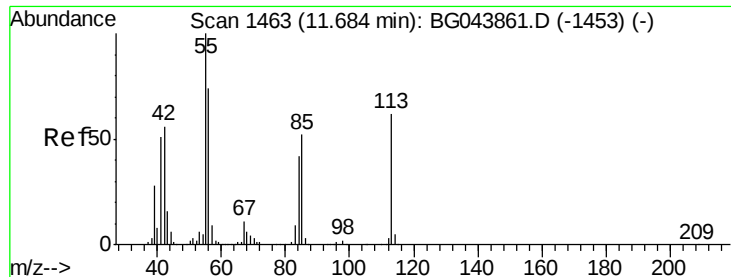
mohammad
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#34
Hexachlorobutadiene
Concen: 37.452 ng
RT: 11.08 min Scan# 1360
Delta R.T. -0.04 min
Lab File: BG044178.D
Acq: 24 Jan 2020 12:34

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		132247		
223	64.7	52.2	78.4		
227	65.1	52.1	78.1		





#35

Caprolactam

Concen: 44.412 ng/ml

RT: 11.65 min Scan# 1457

Delta R.T. -0.04 min

Lab File: BG044178.D

Acq: 24 Jan 2020 12:34

Instrument :

BNA_G

ClientSampleId :

PB126313BS

Tot Ion:113 Resp: 85278

Ion Ratio Lower Upper

113 100

55 161.0 142.5 182.5

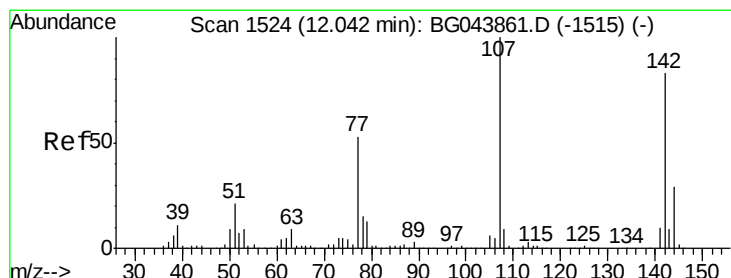
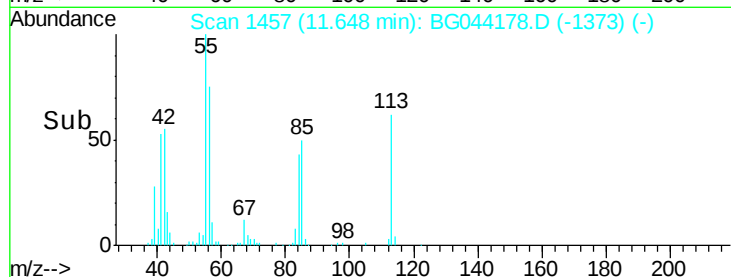
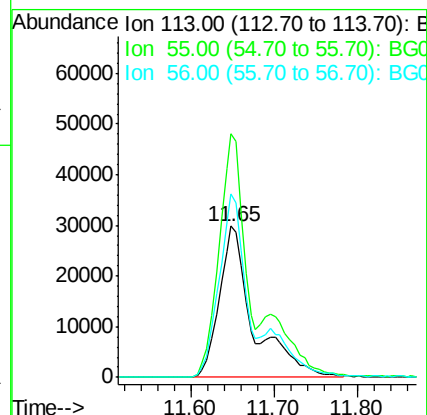
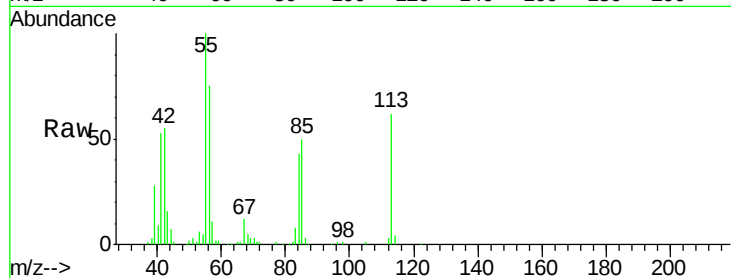
56 120.9 101.4 141.4

Manual Integrations

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#36

4-Chloro-3-methylphenol

Concen: 46.203 ng/ml

RT: 12.02 min Scan# 1520

Delta R.T. -0.02 min

Lab File: BG044178.D

Acq: 24 Jan 2020 12:34

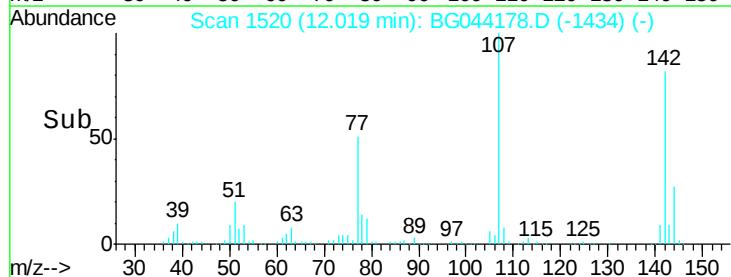
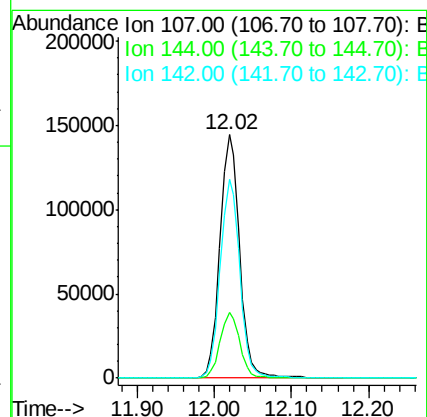
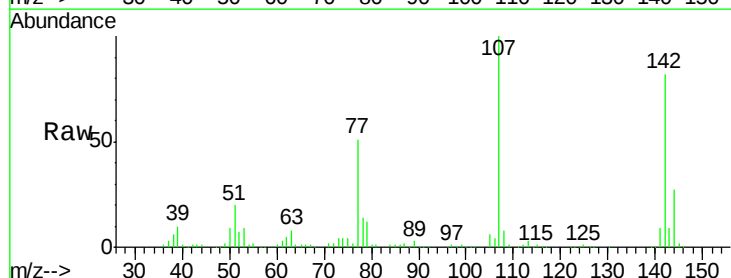
Tgt Ion:107 Resp: 253701

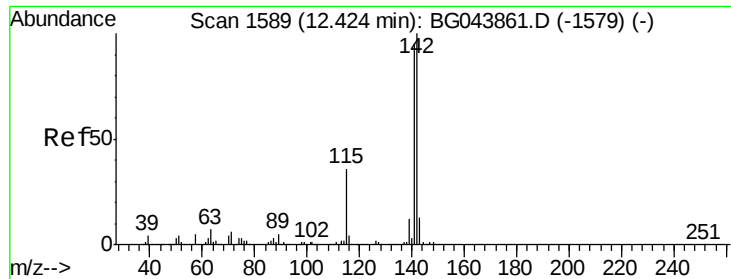
Ion Ratio Lower Upper

107 100

144 27.2 23.4 35.2

142 81.8 66.3 99.5





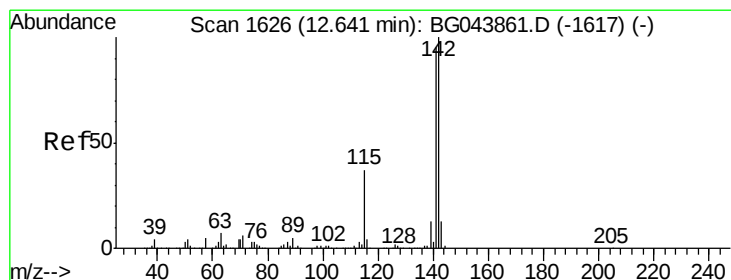
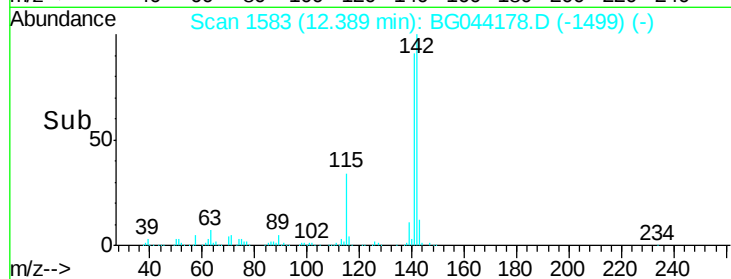
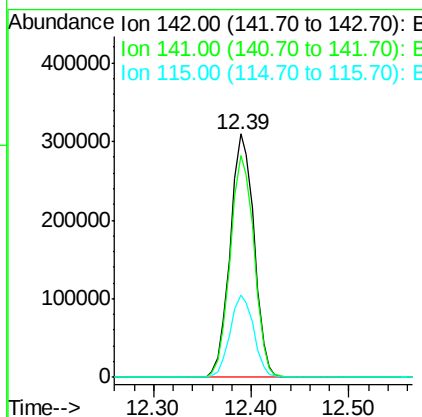
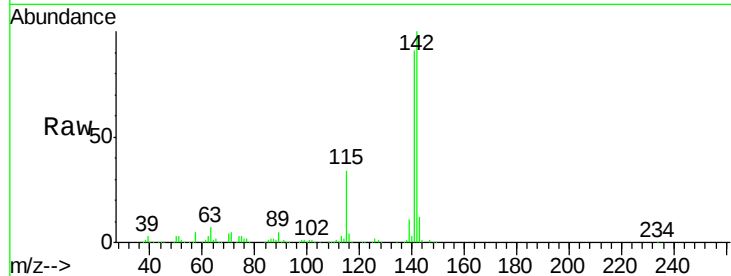
#37
2-Methylnaphthalene
Concen: 43.979 ng
RT: 12.39 min Scan# 1583
Delta R.T. -0.04 min
Lab File: BG044178.D
Acq: 24 Jan 2020 12:34

Instrument :
BNA_G
ClientSampleId :
PB126313BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.0	75.8	113.8
115	34.1	28.6	42.8

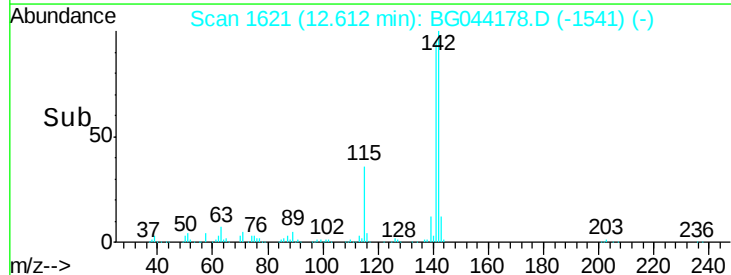
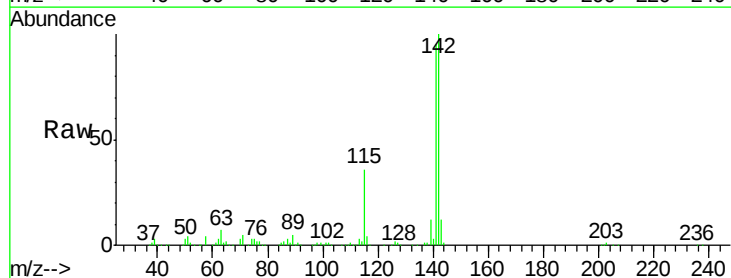
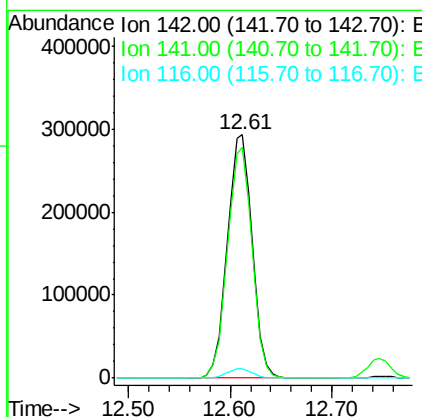
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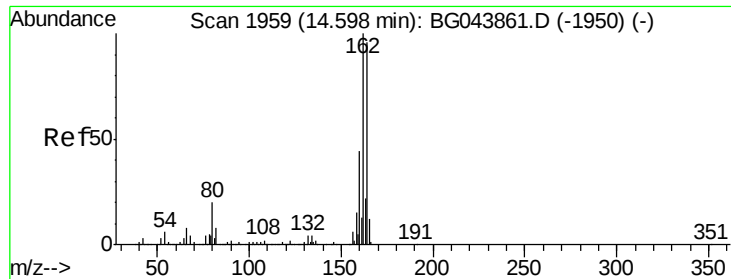
mohammad
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#38
1-Methylnaphthalene
Concen: 43.841 ng
RT: 12.61 min Scan# 1621
Delta R.T. -0.03 min
Lab File: BG044178.D
Acq: 24 Jan 2020 12:34

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.9	76.0	114.0
116	3.9	3.1	4.7





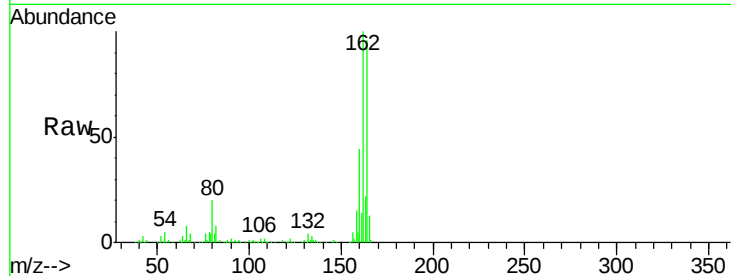
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.57 min Scan# 1954
Delta R.T. -0.03 min
Lab File: BG044178.D
Acq: 24 Jan 2020 12:34

Instrument :
BNA_G
ClientSampleId :
PB126313BS

Tot Ion	Ratio	Resp	Lower	Upper
164	100	221099		
162	103.8	83.0	124.4	
160	45.4	36.1	54.1	

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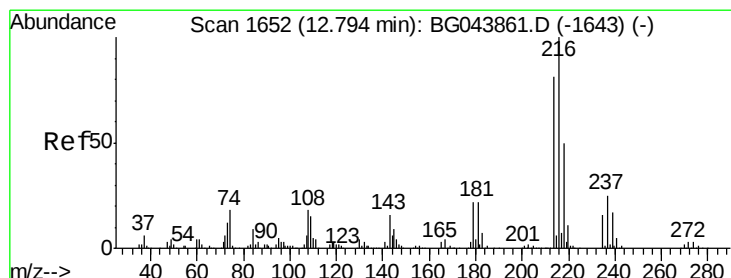
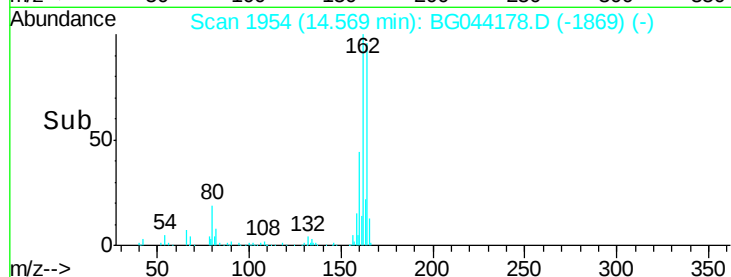
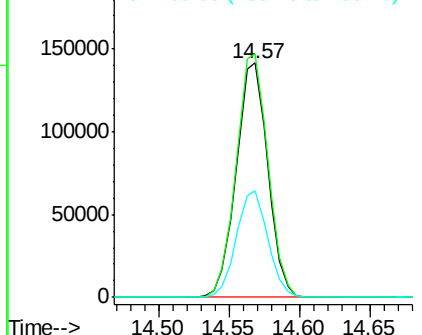


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
1,2,4,5-Tetrachlorobenzene
Concen: 37.844 ng
RT: 12.76 min Scan# 1647
Delta R.T. -0.03 min
Lab File: BG044178.D
Acq: 24 Jan 2020 12:34

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	245242		
214	80.1	63.8	95.8	
179	21.1	17.3	25.9	
108	20.3	15.3	22.9	

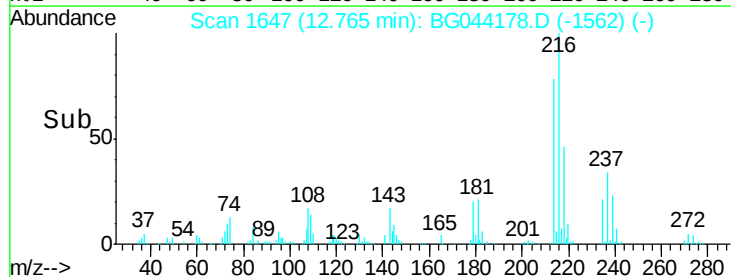
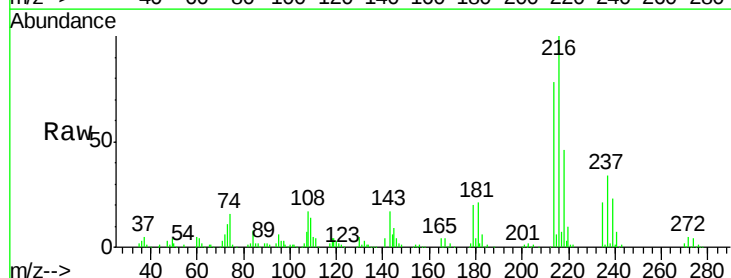
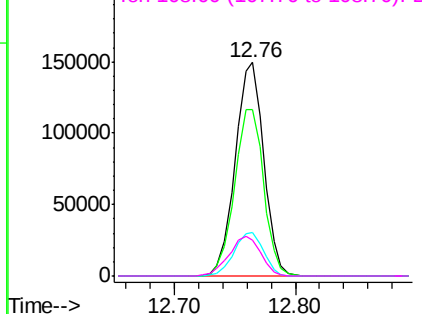
Abundance

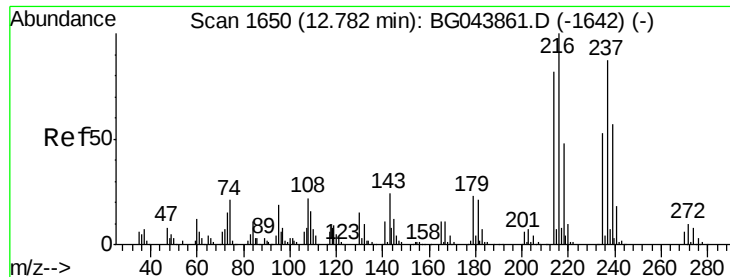
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 93.758 ng

RT: 12.75 min Scan# 1644

Delta R.T. -0.04 min

Lab File: BG044178.D

Acq: 24 Jan 2020 12:34

Instrument :

BNA_G

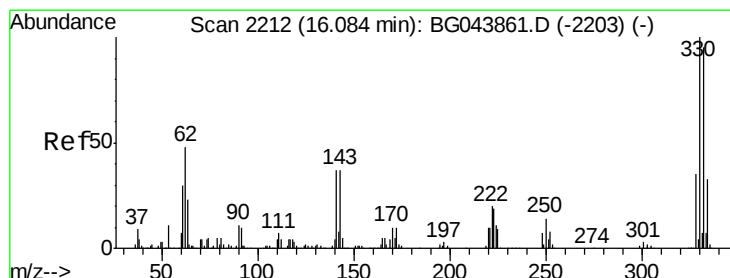
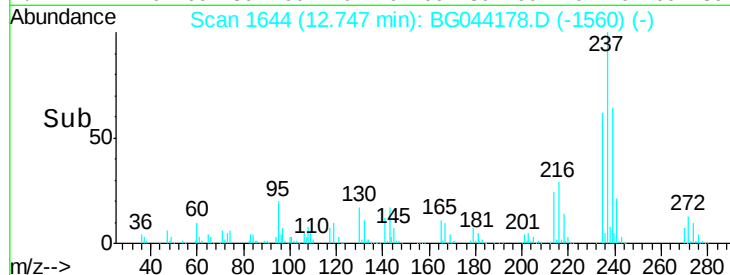
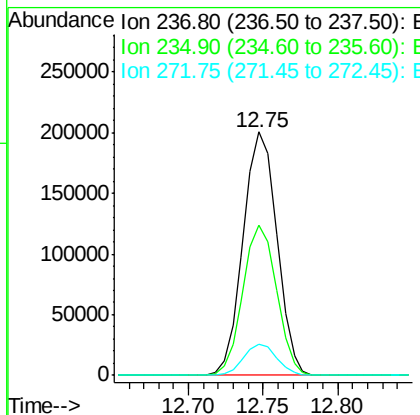
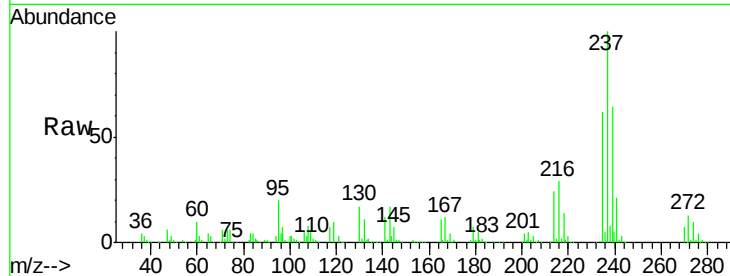
ClientSampleId :

PB126313BS

Tot Ion:	237	Resp:	314999
Ion Ratio	Lower	Upper	
237	100		
235	61.5	41.1	81.1
272	12.9	0.0	31.7

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#42

2,4,6-Tribromophenol

Concen: 139.280 ng

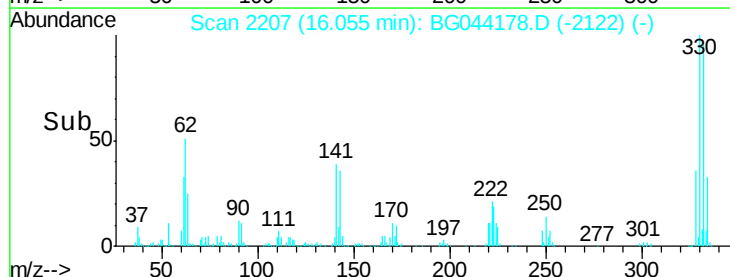
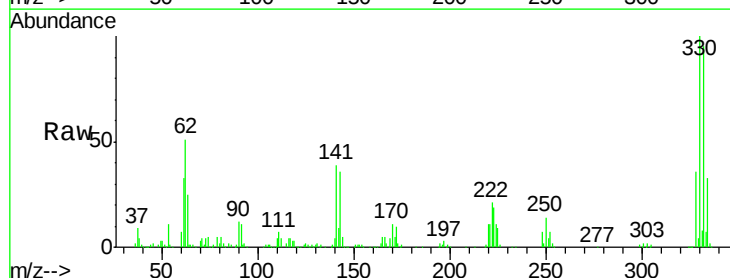
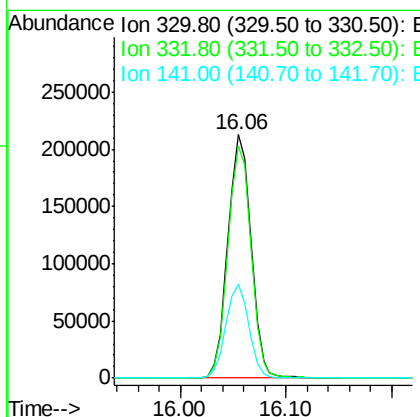
RT: 16.06 min Scan# 2207

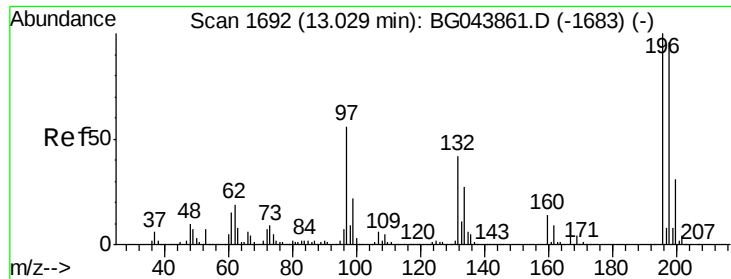
Delta R.T. -0.03 min

Lab File: BG044178.D

Acq: 24 Jan 2020 12:34

Tgt Ion:	330	Resp:	322259
Ion Ratio	Lower	Upper	
330	100		
332	95.6	77.2	115.8
141	38.6	33.1	49.7





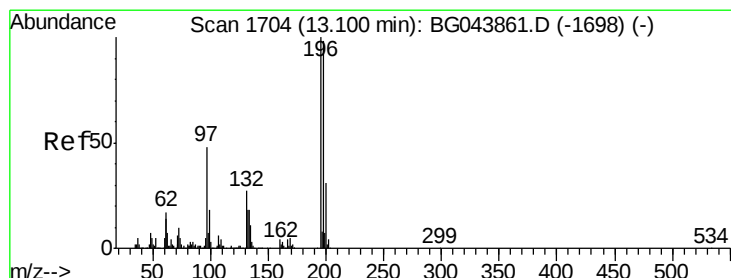
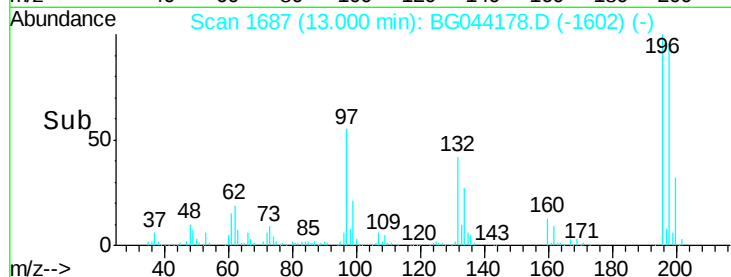
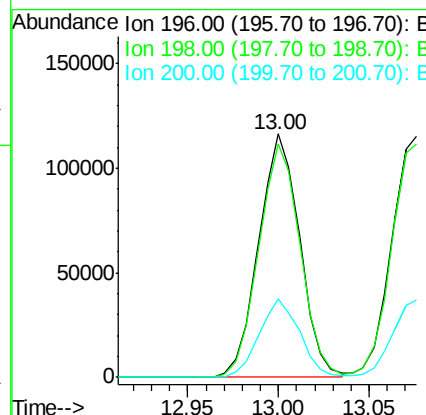
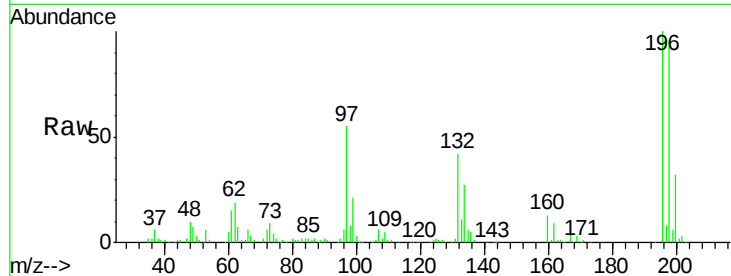
#43
 2,4,6-Trichlorophenol
 Concen: 40.955 ng
 RT: 13.00 min Scan# 1687
 Delta R.T. -0.03 min
 Lab File: BG044178.D
 Acq: 24 Jan 2020 12:34

Instrument :
 BNA_G
 ClientSampleId :
 PB126313BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	182621		
198	95.8	76.6	115.0	
200	32.0	24.6	37.0	

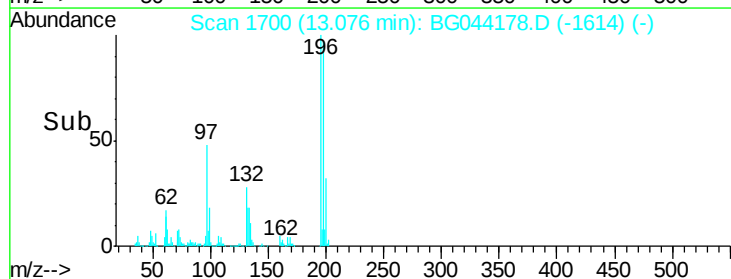
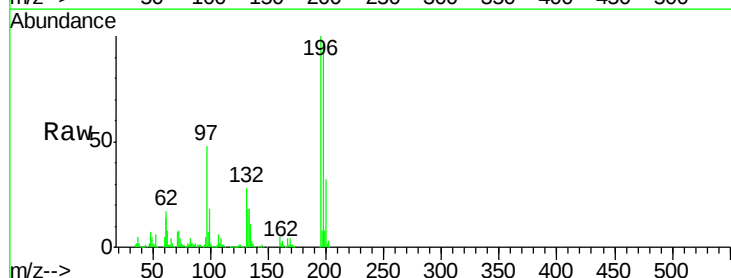
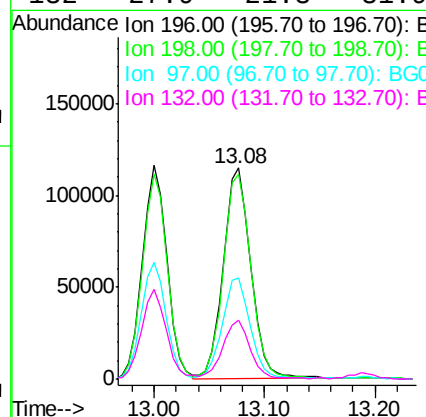
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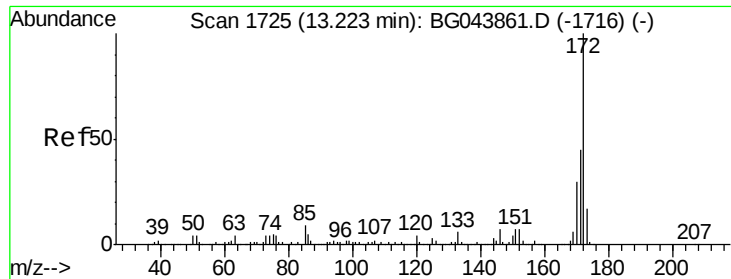
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 43.575 ng
 RT: 13.08 min Scan# 1700
 Delta R.T. -0.02 min
 Lab File: BG044178.D
 Acq: 24 Jan 2020 12:34

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	200403		
198	97.0	78.3	117.5	
97	47.7	38.8	58.2	
132	27.9	21.3	31.9	





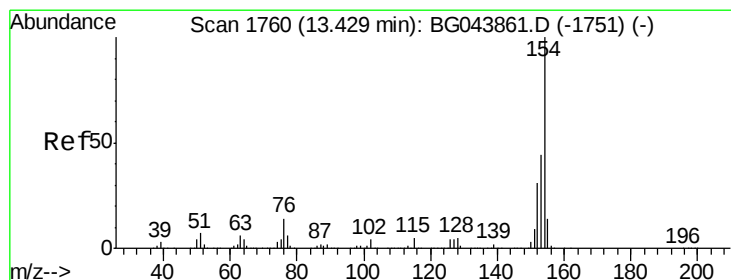
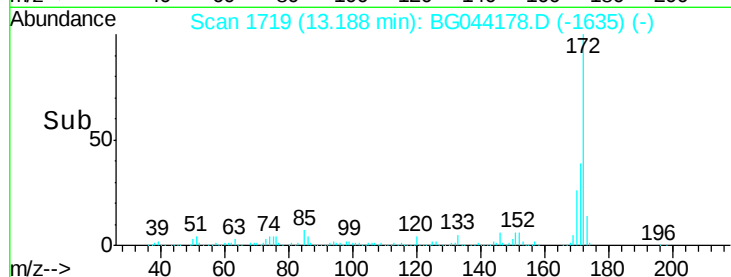
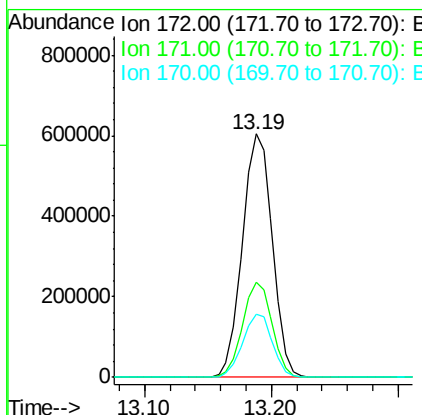
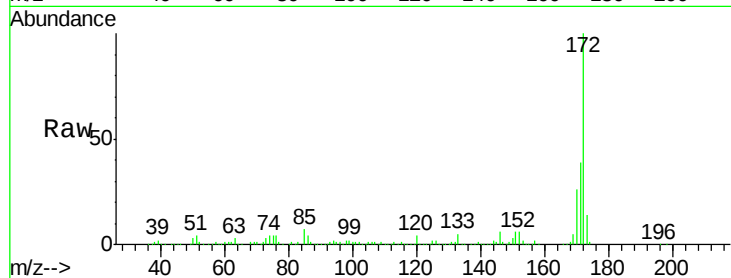
#45
2-Fluorobiphenyl
Concen: 80.994 ng
RT: 13.19 min Scan# 1719
Delta R.T. -0.04 min
Lab File: BG044178.D
Acq: 24 Jan 2020 12:34

Instrument :
BNA_G
ClientSampleId :
PB126313BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	39.2	35.8	53.8
170	25.9	24.2	36.4

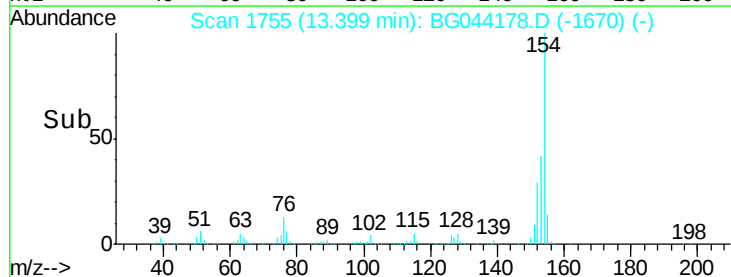
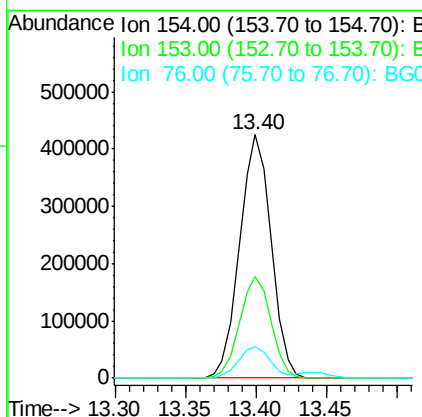
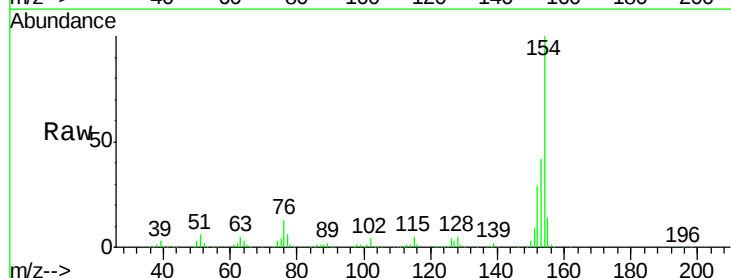
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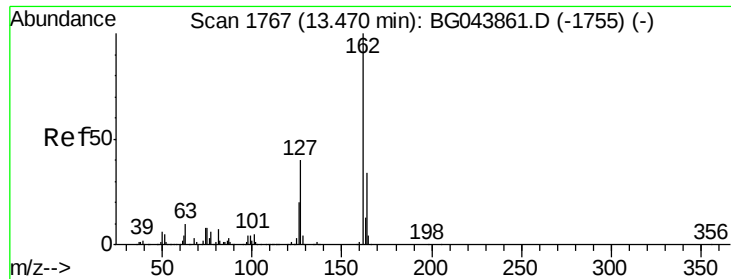
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#46
1,1'-Biphenyl
Concen: 41.747 ng
RT: 13.40 min Scan# 1755
Delta R.T. -0.03 min
Lab File: BG044178.D
Acq: 24 Jan 2020 12:34

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.8	23.6	63.6
76	13.0	0.0	34.4





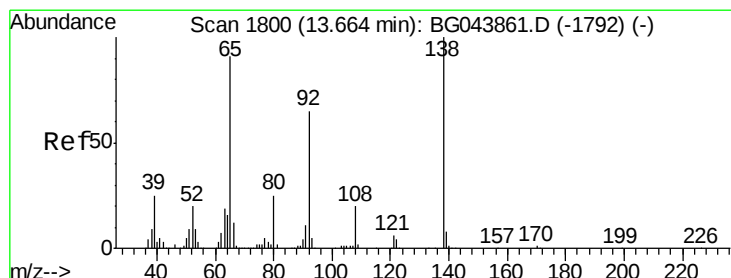
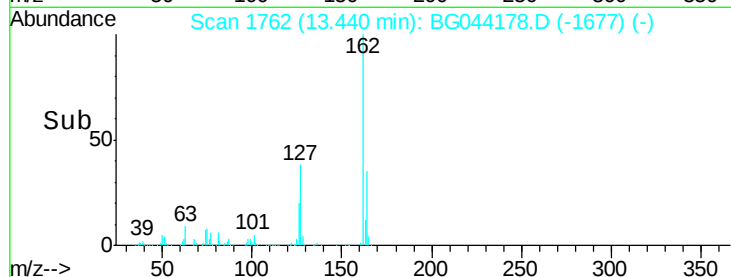
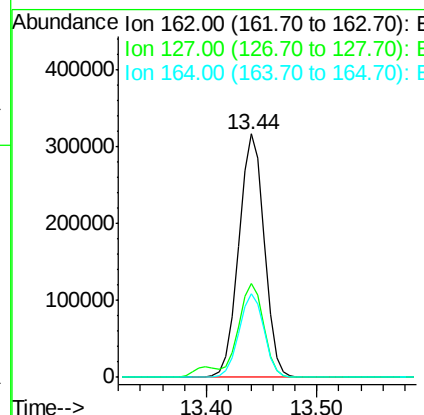
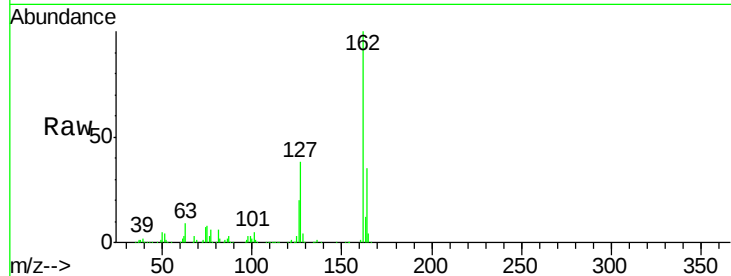
#47
2-Chloronaphthalene
Concen: 39.912 ng
RT: 13.44 min Scan# 1762
Delta R.T. -0.03 min
Lab File: BG044178.D
Acq: 24 Jan 2020 12:34

Instrument :
BNA_G
ClientSampleId :
PB126313BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	511268		
127	38.4		32.1	48.1
164	34.6		27.5	41.3

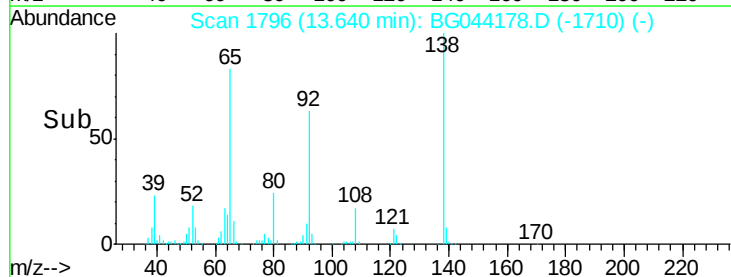
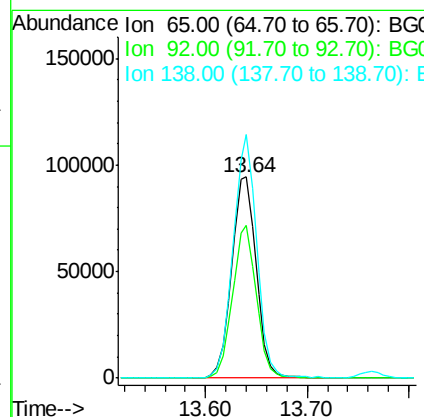
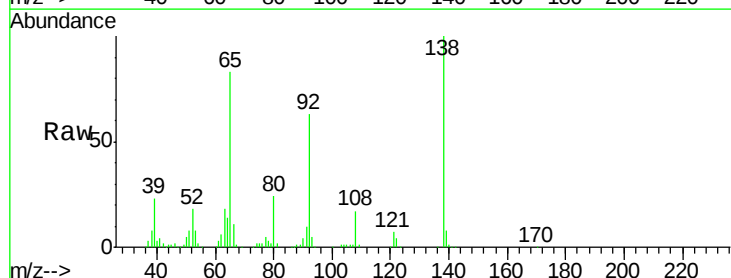
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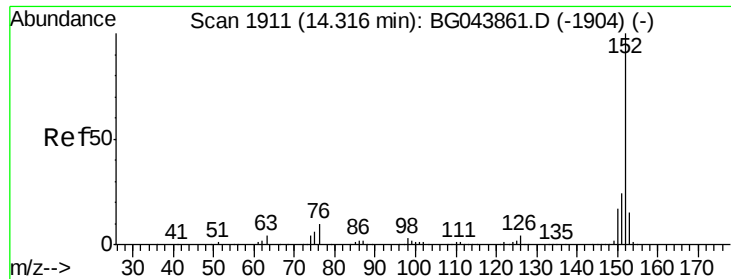
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#48
2-Nitroaniline
Concen: 38.792 ng
RT: 13.64 min Scan# 1796
Delta R.T. -0.02 min
Lab File: BG044178.D
Acq: 24 Jan 2020 12:34

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	159846		
92	76.0		57.4	86.2
138	121.1		88.2	132.4





#49

Acenaphthylene

Concen: 45.078 ng

RT: 14.29 min Scan# 1906

Delta R.T. -0.03 min

Lab File: BG044178.D

Acq: 24 Jan 2020 12:34

Instrument :

BNA_G

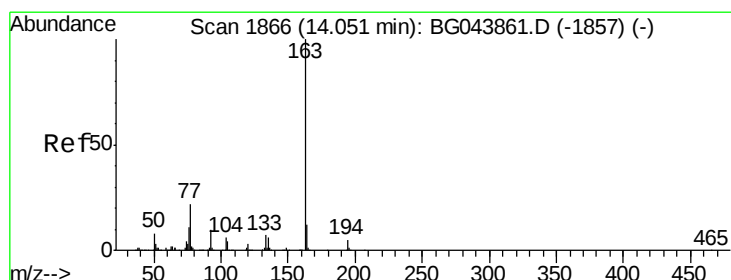
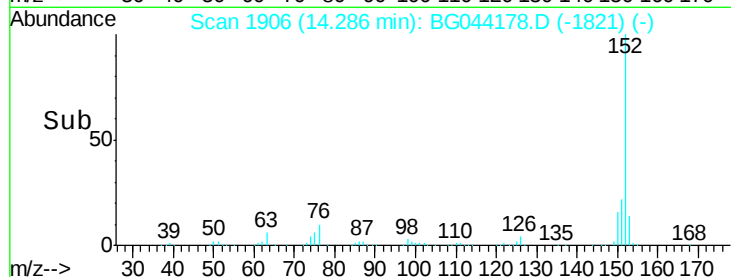
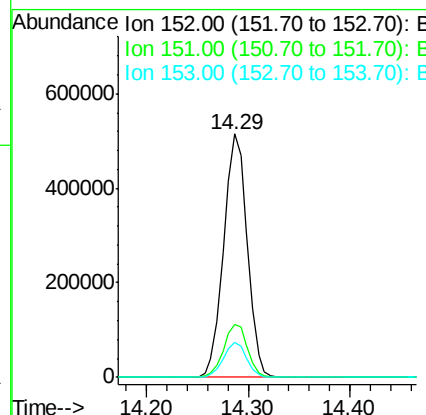
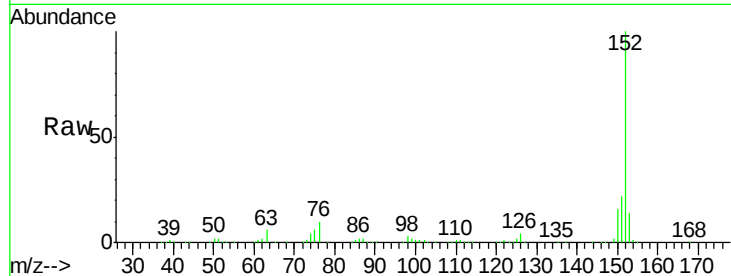
ClientSampleId :

PB126313BS

Tot Ion:	152	Resp:	829948
Ion Ratio	Lower	Upper	
152	100		
151	21.9	19.4	29.2
153	14.3	12.0	18.0

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#50

Dimethylphthalate

Concen: 42.077 ng

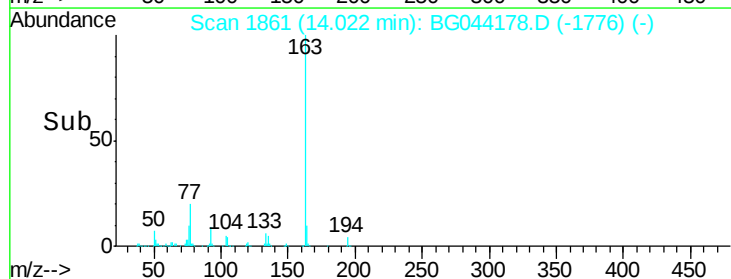
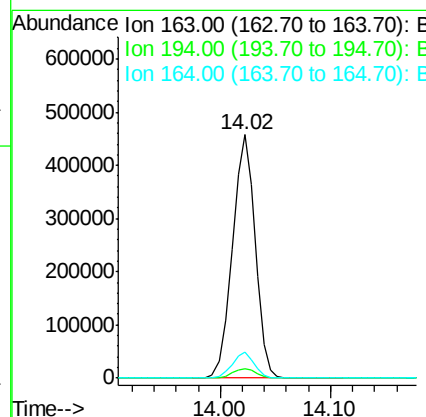
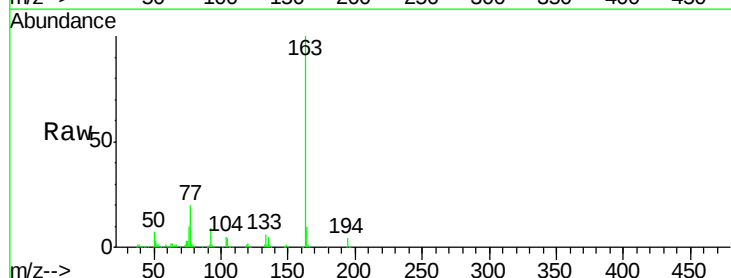
RT: 14.02 min Scan# 1861

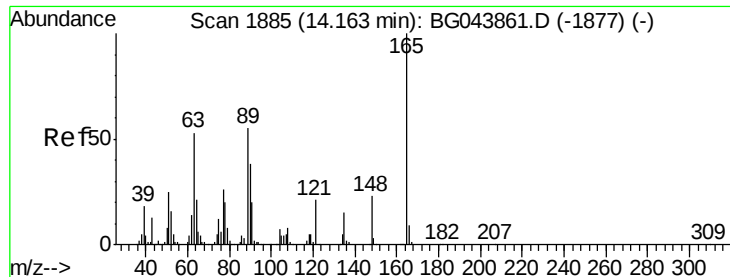
Delta R.T. -0.03 min

Lab File: BG044178.D

Acq: 24 Jan 2020 12:34

Tgt Ion:	163	Resp:	660567
Ion Ratio	Lower	Upper	
163	100		
194	4.0	3.7	5.5
164	10.5	9.3	13.9





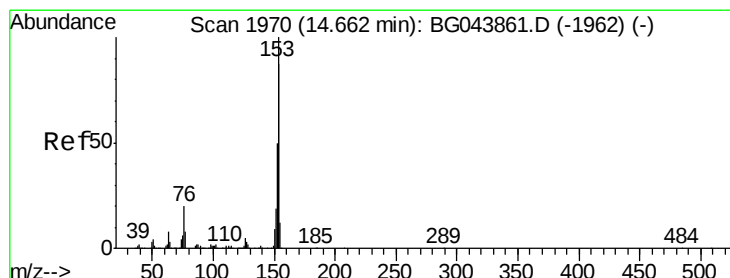
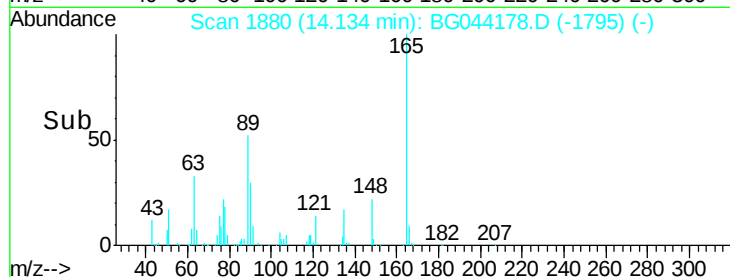
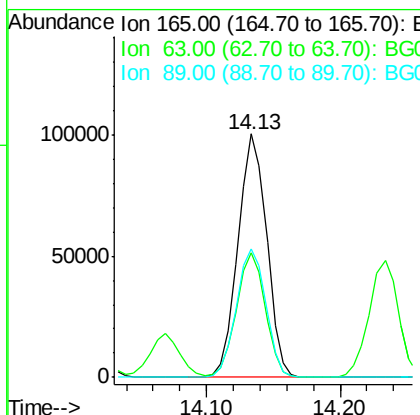
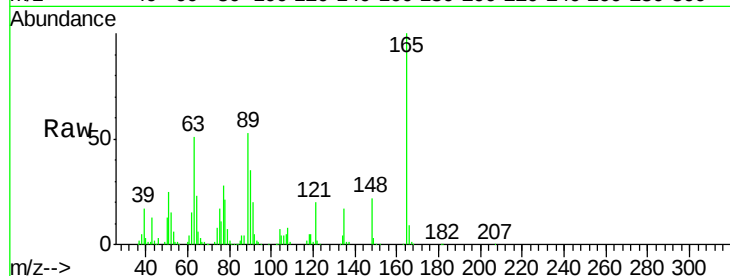
#51
2,6-Dinitrotoluene
Concen: 42.165 ng
RT: 14.13 min Scan# 1880
Delta R.T. -0.03 min
Lab File: BG044178.D
Acq: 24 Jan 2020 12:34

Instrument :
BNA_G
ClientSampled :
PB126313BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	149616		
63	51.2		43.1	64.7
89	52.5		43.8	65.6

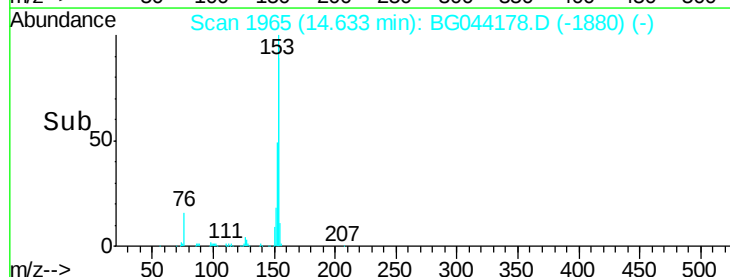
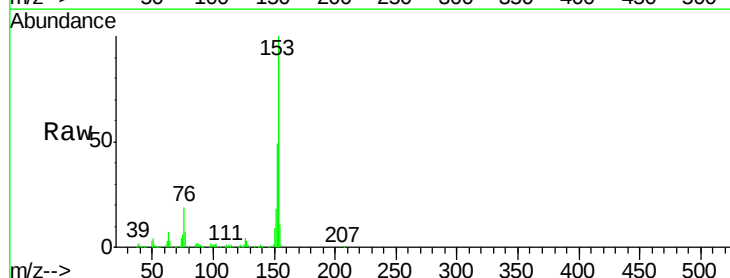
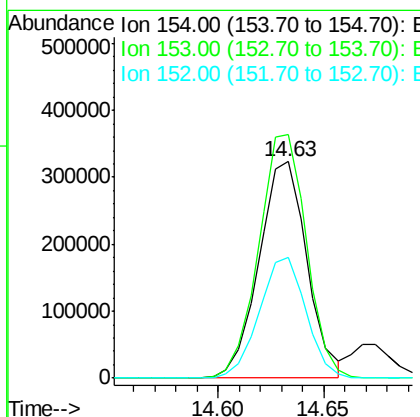
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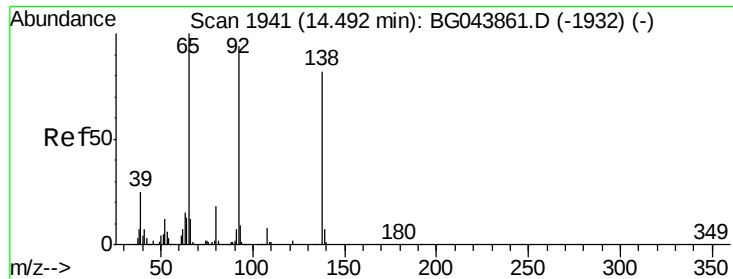
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#52
Acenaphthene
Concen: 39.576 ng
RT: 14.63 min Scan# 1965
Delta R.T. -0.03 min
Lab File: BG044178.D
Acq: 24 Jan 2020 12:34

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	510995		
153	112.5		91.6	137.4
152	55.5		45.4	68.0





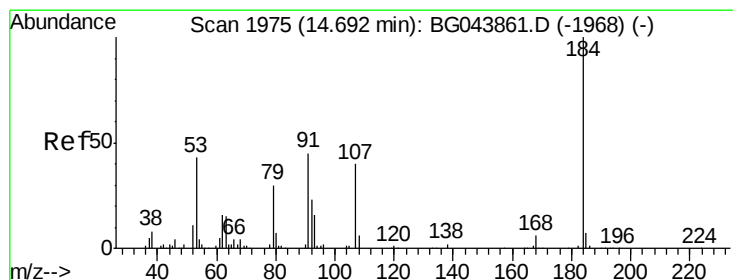
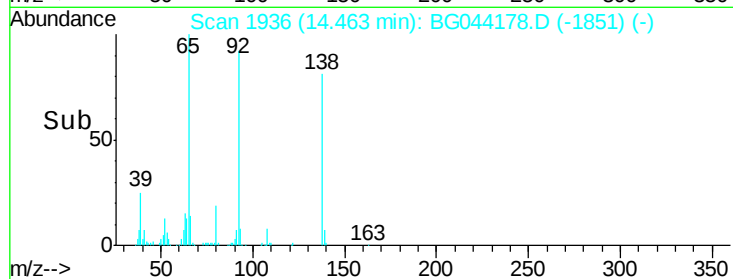
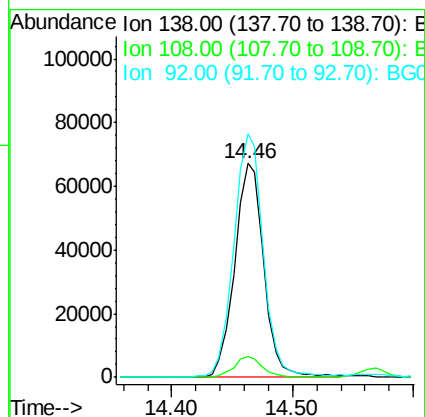
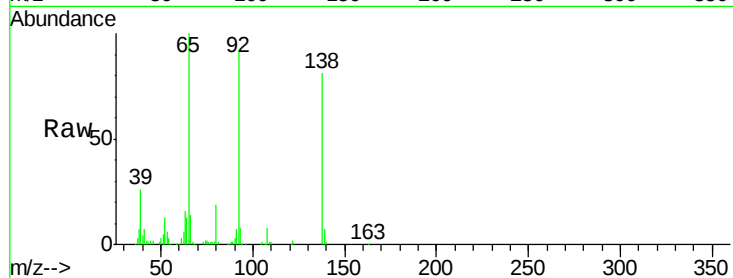
#53
3-Nitroaniline
Concen: 27.980 ng
RT: 14.46 min Scan# 1936
Delta R.T. -0.03 min
Lab File: BG044178.D
Acq: 24 Jan 2020 12:34

Instrument :
BNA_G
ClientSampled :
PB126313BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.6	7.4	11.2
92	113.7	92.1	138.1

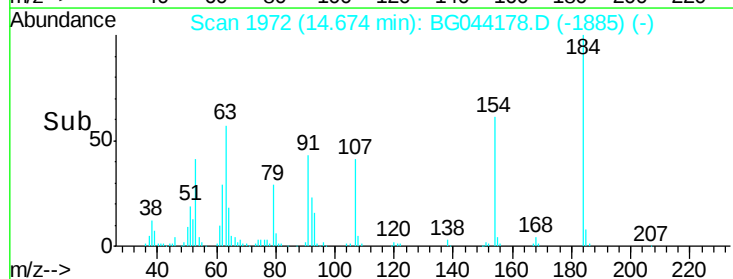
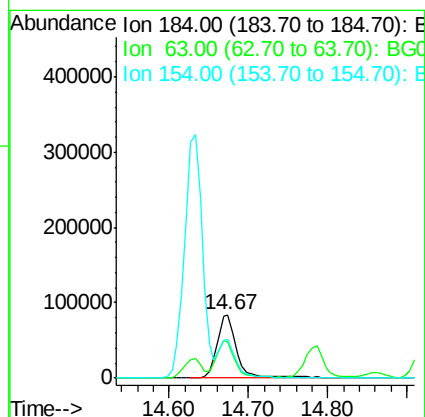
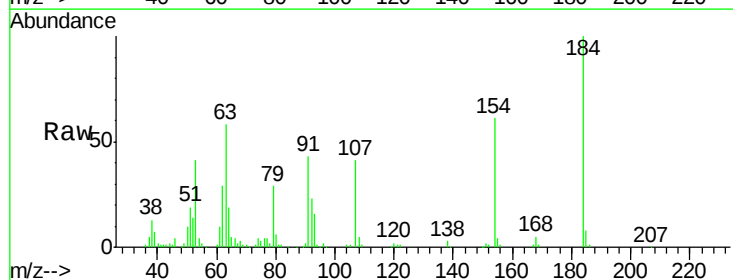
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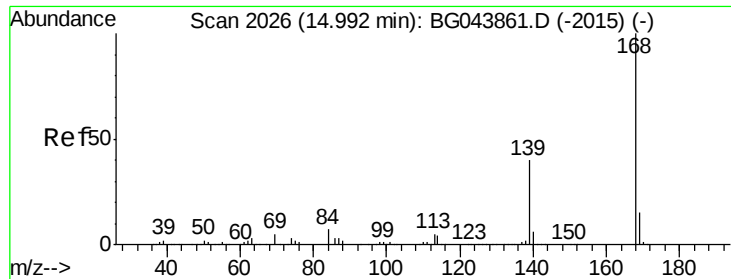
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#54
2,4-Dinitrophenol
Concen: 79.862 ng
RT: 14.67 min Scan# 1972
Delta R.T. -0.02 min
Lab File: BG044178.D
Acq: 24 Jan 2020 12:34

Tgt Ion	Ratio	Lower	Upper
184	100		
63	58.1	46.6	70.0
154	60.6	50.2	75.4





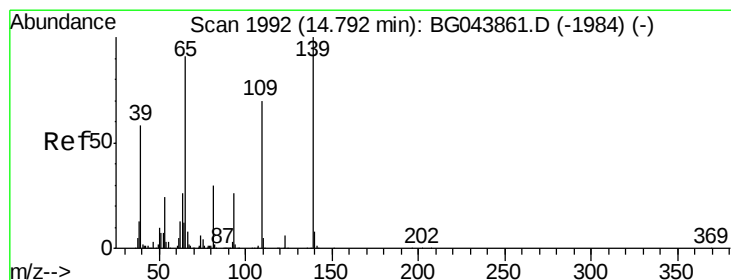
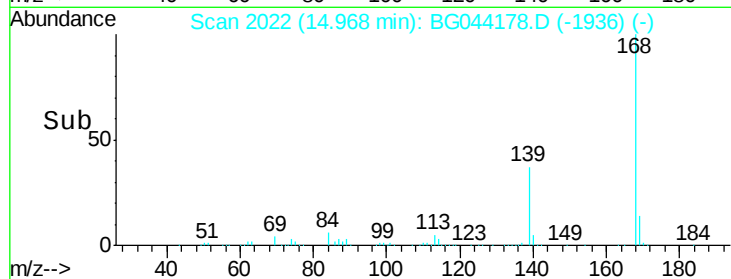
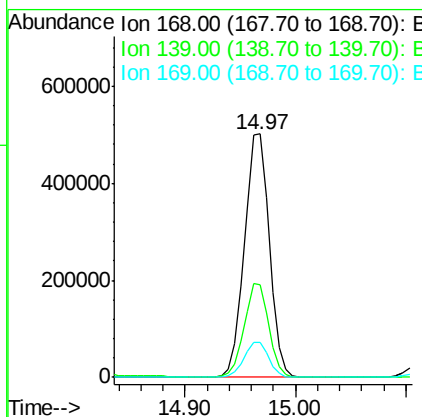
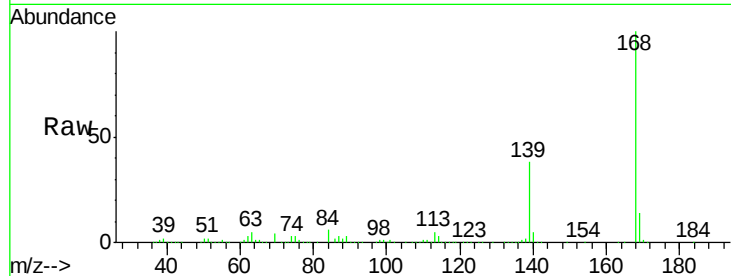
#55
Dibenzofuran
Concen: 44.875 ng
RT: 14.97 min Scan# 2022
Delta R.T. -0.02 min
Lab File: BG044178.D
Acq: 24 Jan 2020 12:34

Instrument :
BNA_G
ClientSampleId :
PB126313BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.9	32.2	48.2
169	14.5	12.2	18.2

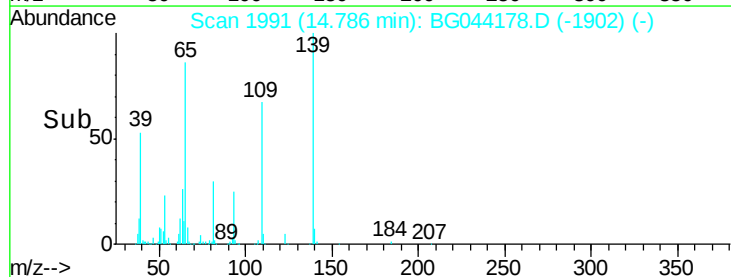
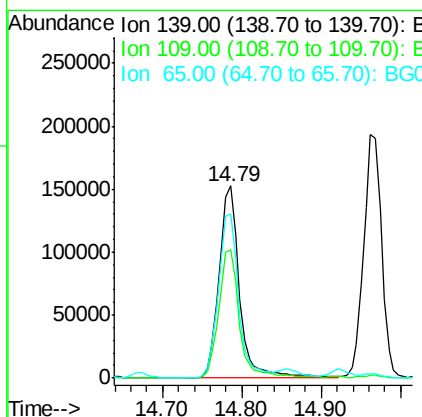
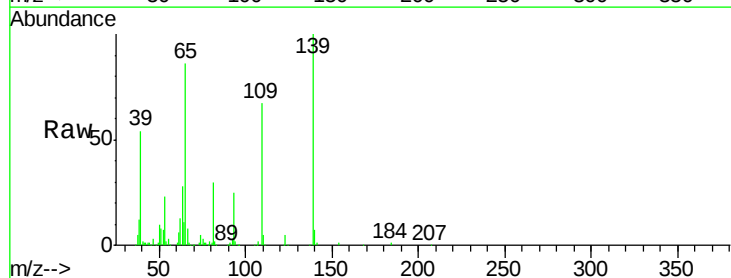
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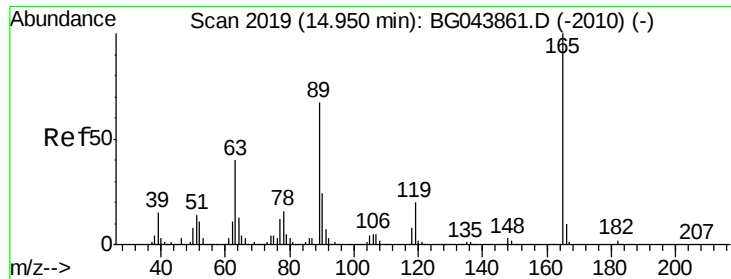
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#56
4-Nitrophenol
Concen: 89.295 ng
RT: 14.79 min Scan# 1991
Delta R.T. -0.01 min
Lab File: BG044178.D
Acq: 24 Jan 2020 12:34

Tgt Ion	Ratio	Lower	Upper
139	100		
109	66.9	50.4	90.4
65	85.6	71.4	111.4





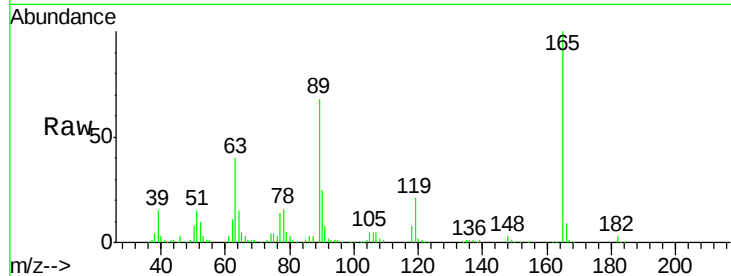
#57
2,4-Dinitrotoluene
Concen: 43.693 ng
RT: 14.92 min Scan# 2014
Delta R.T. -0.03 min
Lab File: BG044178.D
Acq: 24 Jan 2020 12:34

Instrument :
BNA_G
ClientSampleId :
PB126313BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	210956		
63	40.5	31.9	47.9	
89	68.5	53.8	80.6	
182	2.6	2.0	3.0	

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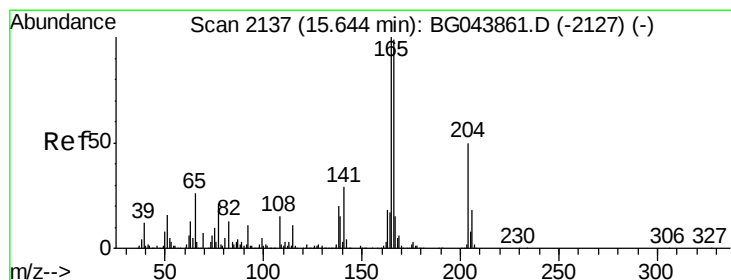
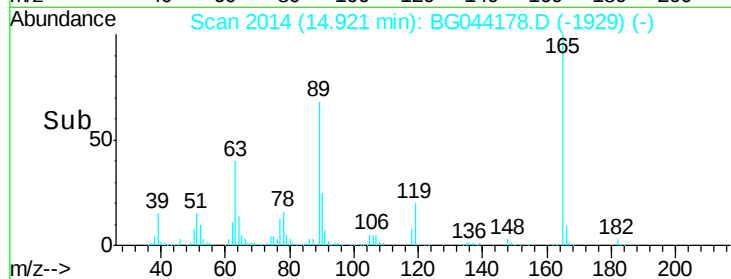
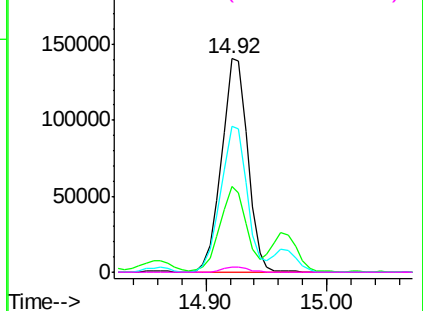
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 44.896 ng
RT: 15.61 min Scan# 2132
Delta R.T. -0.03 min
Lab File: BG044178.D
Acq: 24 Jan 2020 12:34

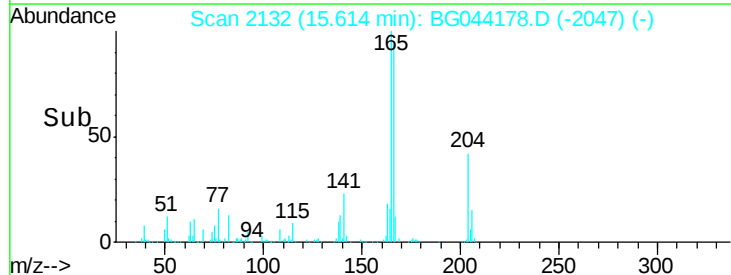
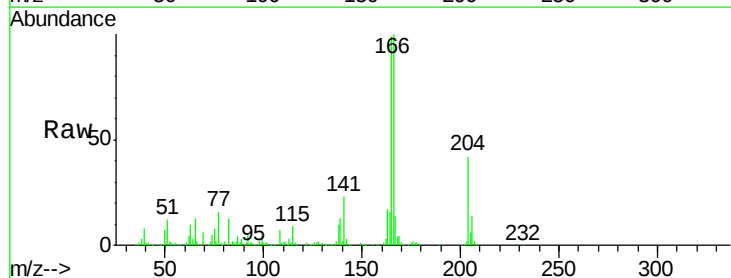
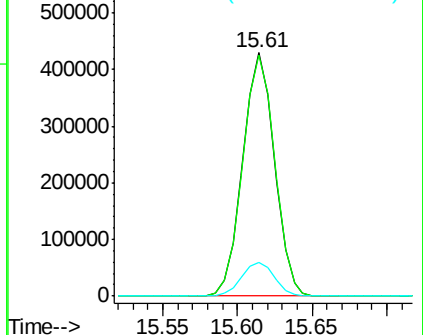
Tgt Ion	Ratio	Resp	Lower	Upper
166	100	632495		
165	98.9	80.8	121.2	
167	14.1	12.1	18.1	

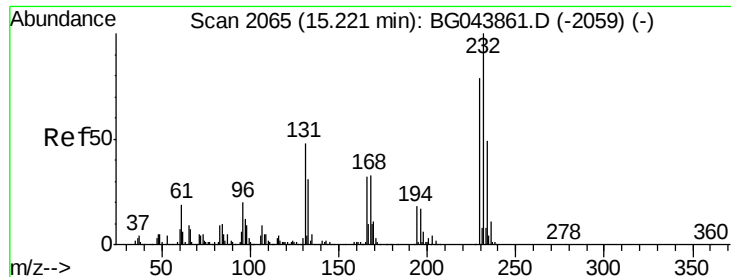
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





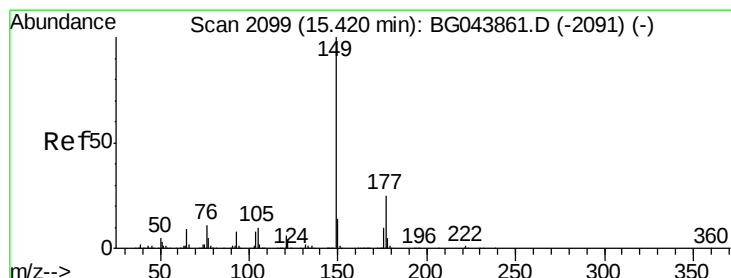
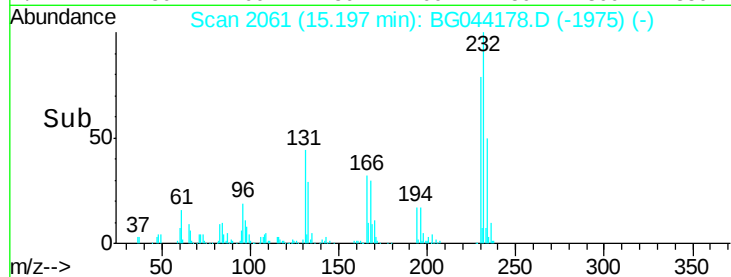
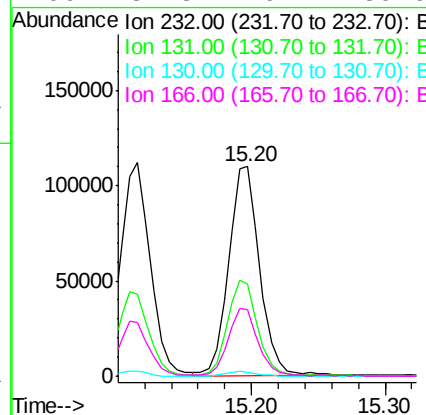
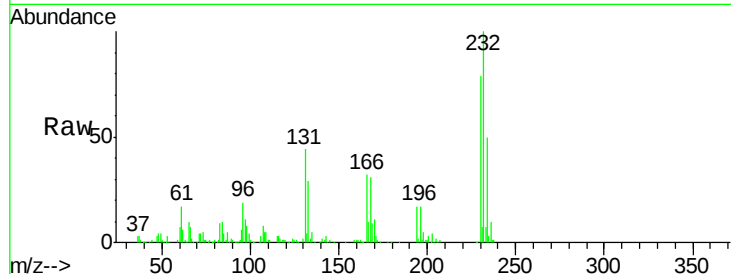
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 44.739 ng
 RT: 15.20 min Scan# 2061
 Delta R.T. -0.02 min
 Lab File: BG044178.D
 Acq: 24 Jan 2020 12:34

Instrument :
 BNA_G
 ClientSampleId :
 PB126313BS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	176924		
131	45.5	38.2	57.2	
130	2.5	2.2	3.2	
166	31.3	26.4	39.6	

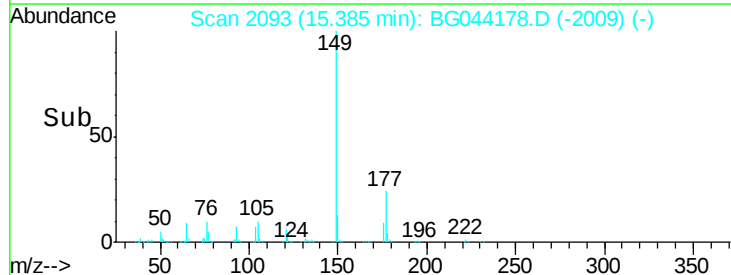
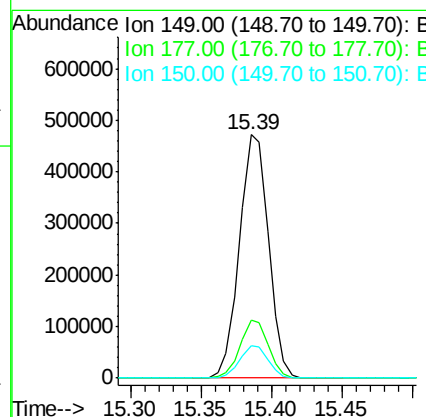
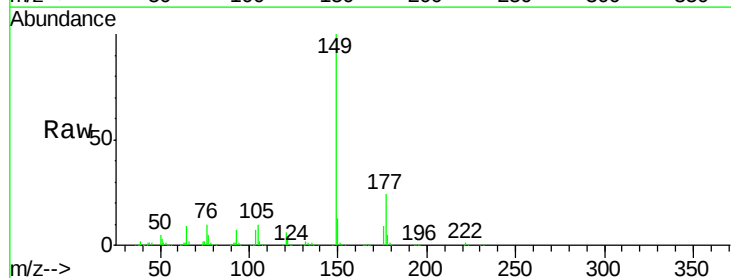
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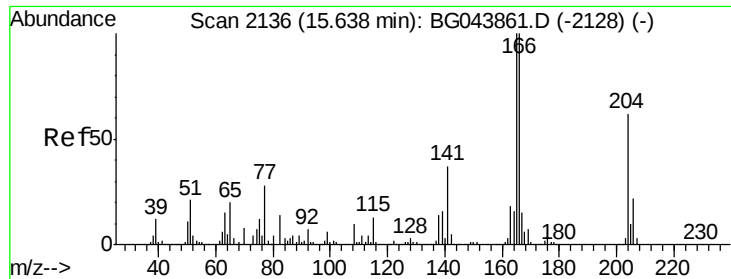
mohammad
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#60
 Diethylphthalate
 Concen: 43.240 ng
 RT: 15.39 min Scan# 2093
 Delta R.T. -0.04 min
 Lab File: BG044178.D
 Acq: 24 Jan 2020 12:34

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	678956		
177	23.8	20.0	30.0	
150	13.1	11.1	16.7	





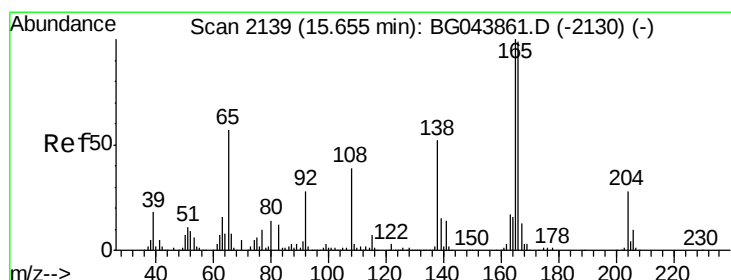
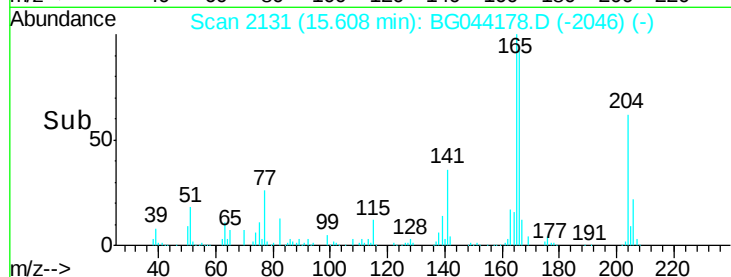
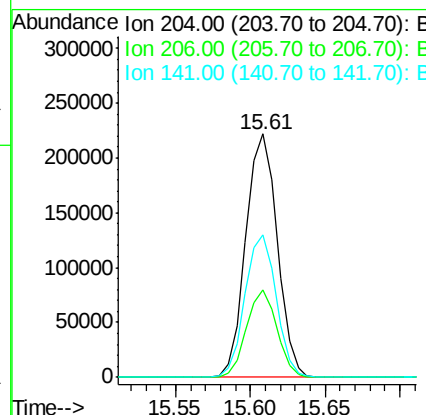
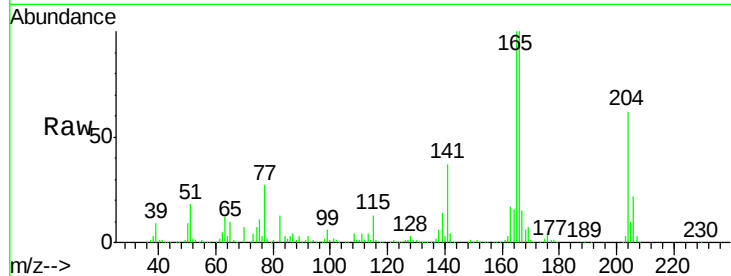
#61
4-Chlorophenyl-phenylether
Concen: 42.334 ng
RT: 15.61 min Scan# 2131
Delta R.T. -0.03 min
Lab File: BG044178.D
Acq: 24 Jan 2020 12:34

Instrument :
BNA_G
ClientSampleId :
PB126313BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	35.9	28.2	42.2
141	58.6	48.2	72.2

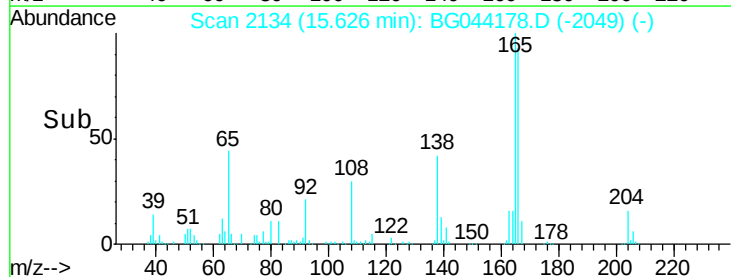
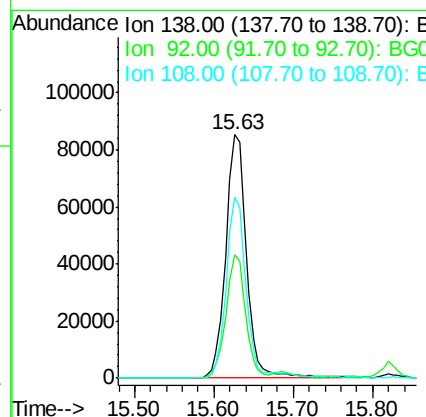
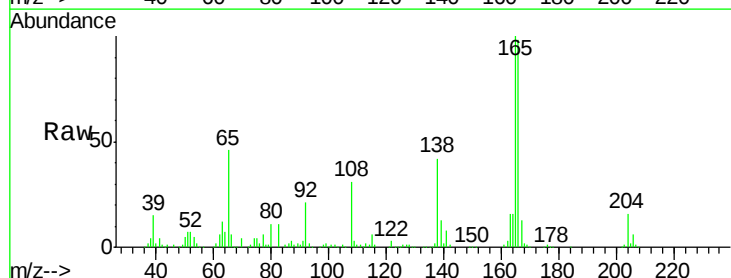
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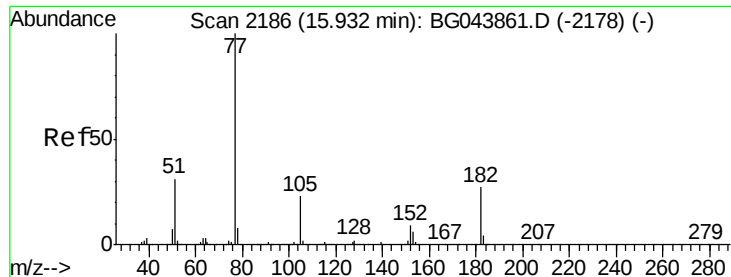
mohammad
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#62
4-Nitroaniline
Concen: 39.149 ng
RT: 15.63 min Scan# 2134
Delta R.T. -0.03 min
Lab File: BG044178.D
Acq: 24 Jan 2020 12:34

Tgt Ion	Ratio	Lower	Upper
138	100		
92	50.8	34.3	74.3
108	74.5	55.0	95.0





#63

Azobenzene

Concen: 43.868 ng

RT: 15.90 min Scan# 2181

Delta R.T. -0.03 min

Lab File: BG044178.D

Acq: 24 Jan 2020 12:34

Instrument :

BNA_G

ClientSampleId :

PB126313BS

Tot Ion: 77 Resp: 638800

Ion Ratio Lower Upper

77 100

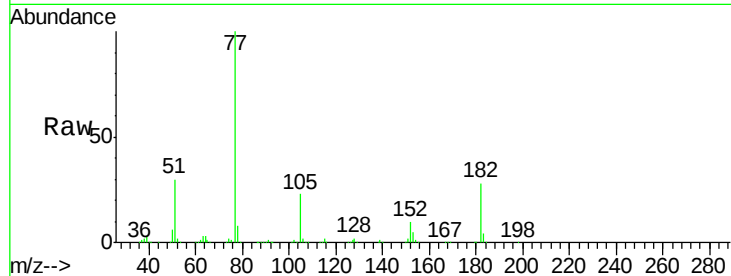
182 27.7 7.3 47.3

105 23.4 3.2 43.2

51 29.7 10.6 50.6

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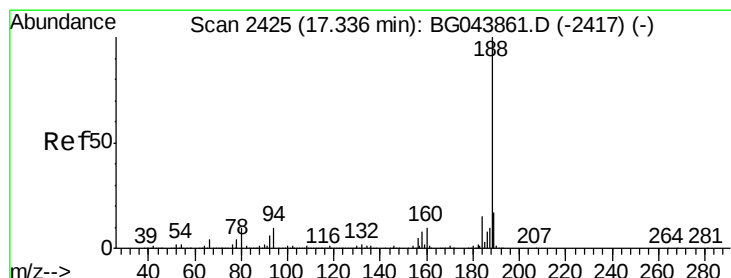
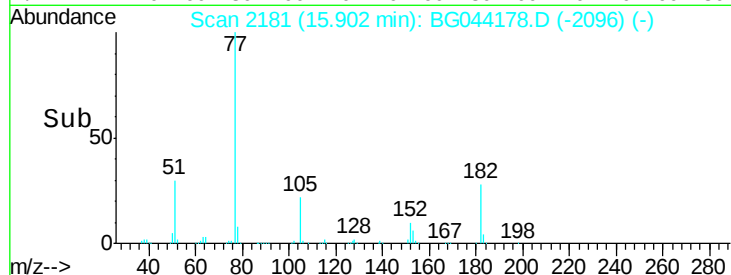
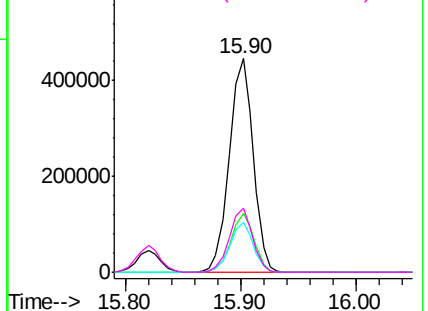


Abundance Ion 77.00 (76.70 to 77.70): BGC

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. -0.03 min

Lab File: BG044178.D

Acq: 24 Jan 2020 12:34

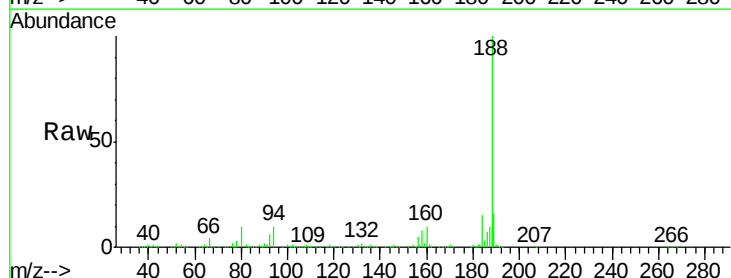
Tgt Ion: 188 Resp: 479896

Ion Ratio Lower Upper

188 100

94 9.5 7.9 11.9

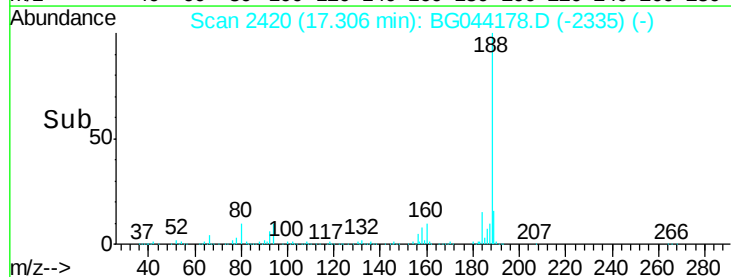
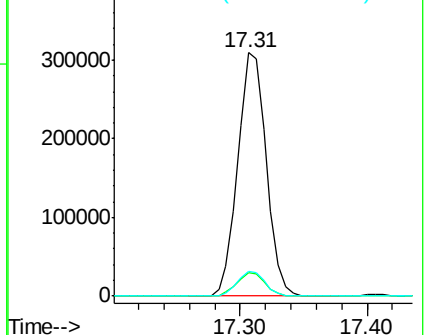
80 10.1 8.2 12.4

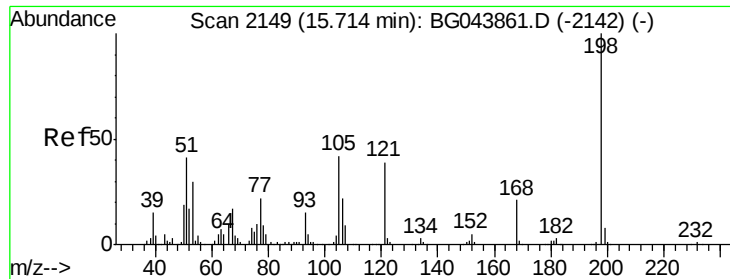


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





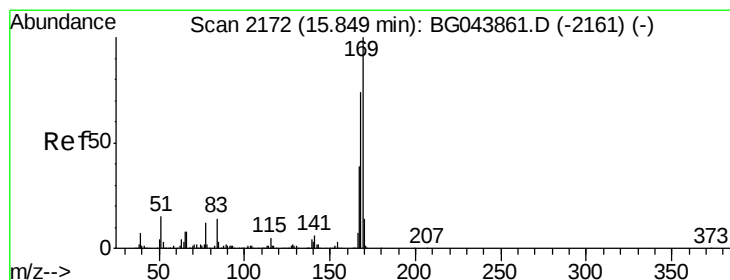
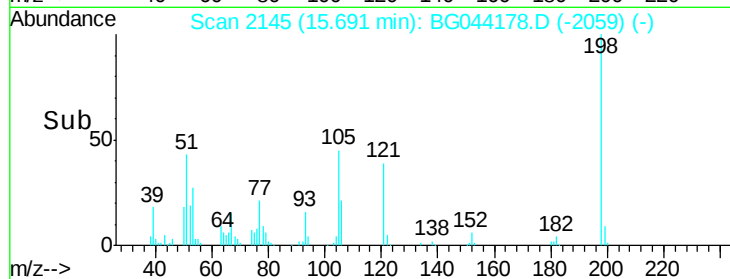
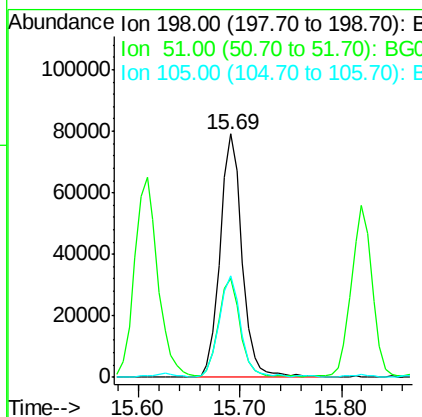
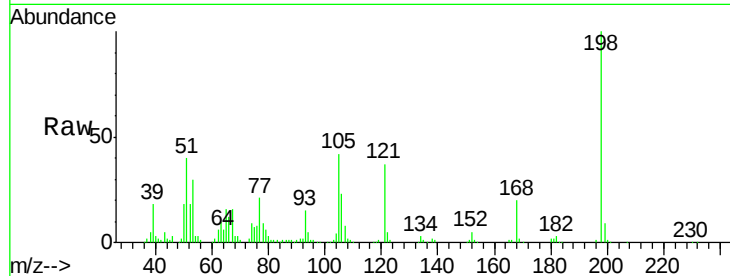
#65
4,6-Dinitro-2-methylphenol
Concen: 48.362 ng
RT: 15.69 min Scan# 2145
Delta R.T. -0.02 min
Lab File: BG044178.D
Acq: 24 Jan 2020 12:34

Instrument :
BNA_G
ClientSampleId :
PB126313BS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	119667		
51	40.4	22.5	62.5	
105	41.8	22.3	62.3	

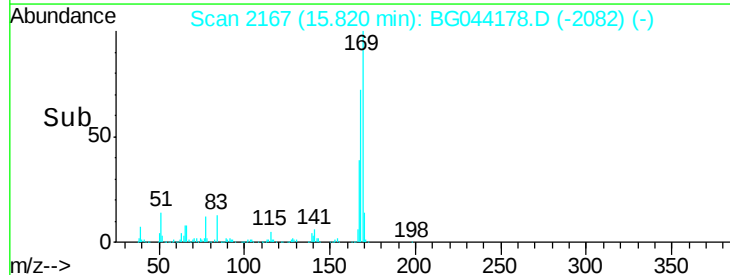
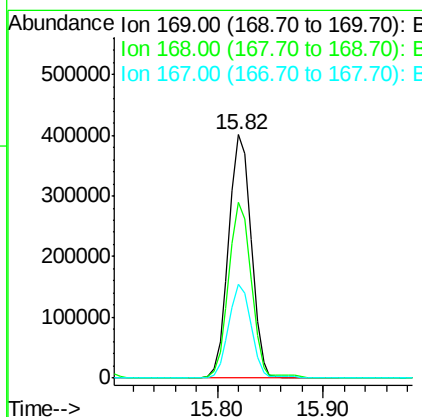
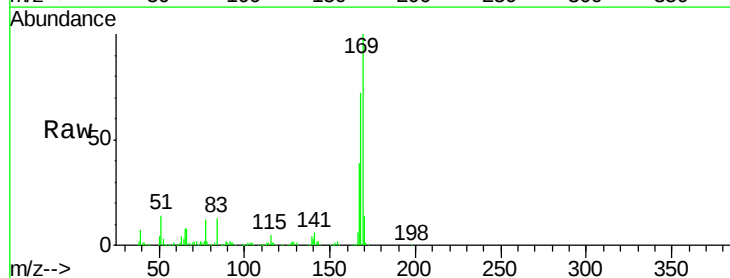
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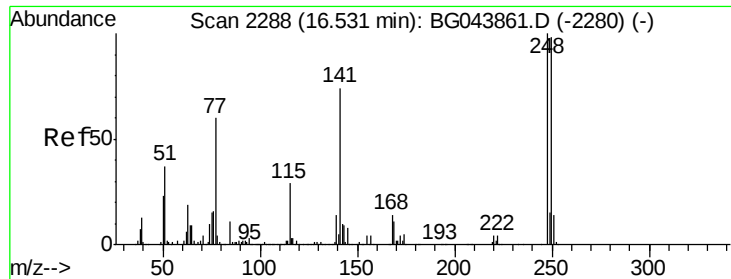
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#66
n-Nitrosodiphenylamine
Concen: 41.846 ng
RT: 15.82 min Scan# 2167
Delta R.T. -0.03 min
Lab File: BG044178.D
Acq: 24 Jan 2020 12:34

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	591384		
168	72.4	59.0	88.6	
167	38.5	31.4	47.0	





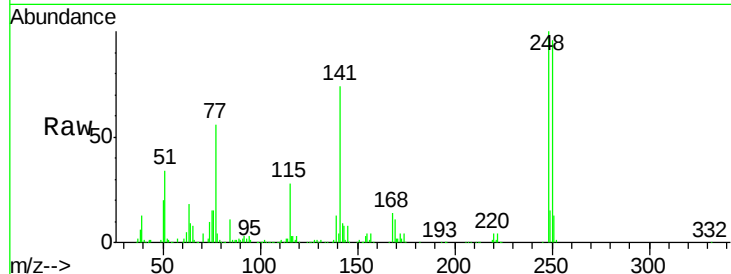
#67
4-Bromophenyl-phenylether
Concen: 38.936 ng
RT: 16.50 min Scan# 2283
Delta R.T. -0.03 min
Lab File: BG044178.D
Acq: 24 Jan 2020 12:34

Instrument :
BNA_G
ClientSampleId :
PB126313BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.3	78.2	117.2
141	73.9	59.3	88.9

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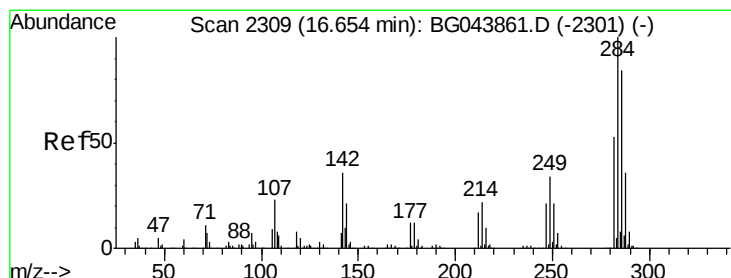
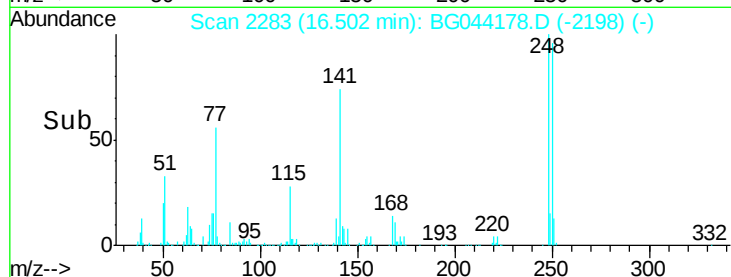
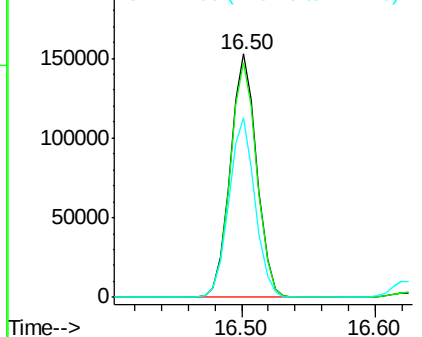


Abundance

Ion 248.00 (247.70 to 248.70): E

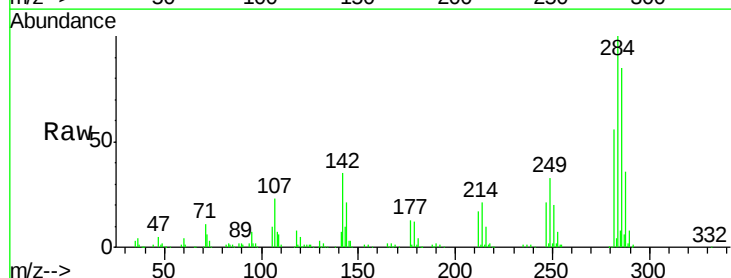
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 39.323 ng
RT: 16.62 min Scan# 2304
Delta R.T. -0.03 min
Lab File: BG044178.D
Acq: 24 Jan 2020 12:34

Tgt Ion	Ratio	Lower	Upper
284	100		
142	35.2	28.6	43.0
249	33.2	27.0	40.6

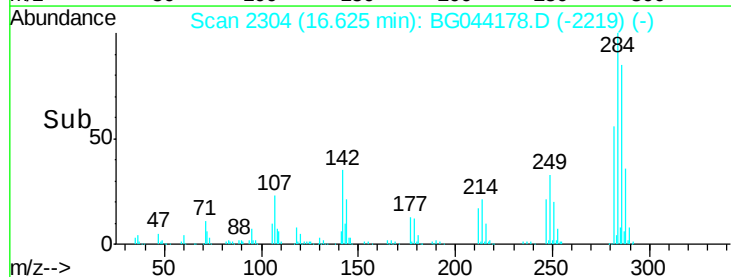
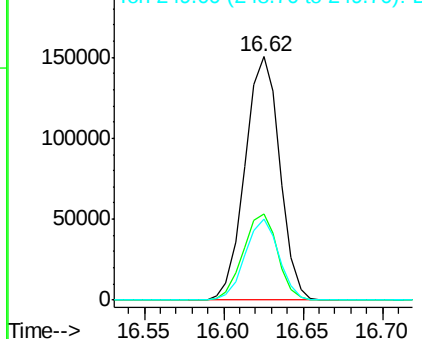


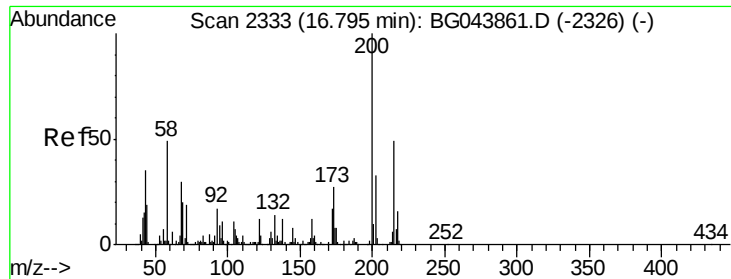
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 46.983 ng

RT: 16.77 min Scan# 2329

Delta R.T. -0.02 min

Lab File: BG044178.D

Acq: 24 Jan 2020 12:34

Instrument :

BNA_G

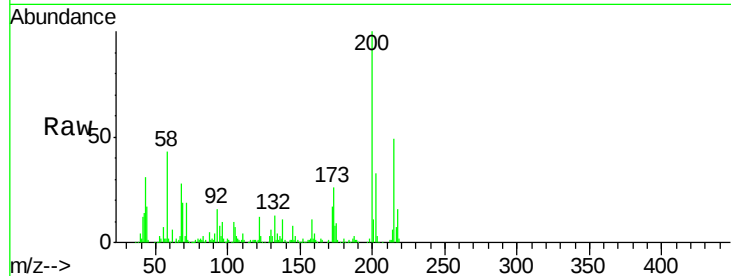
ClientSampleId :

PB126313BS

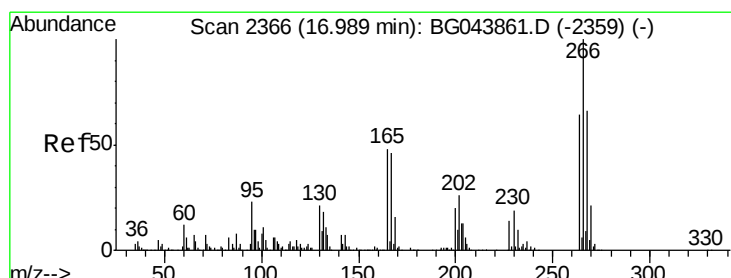
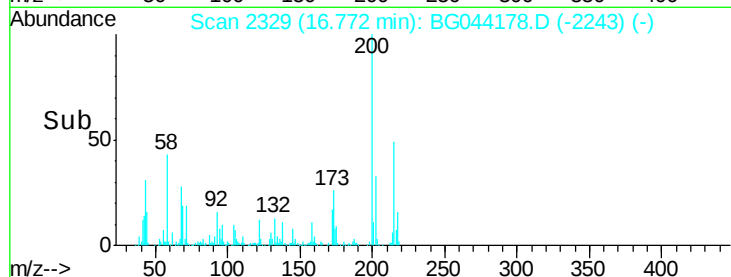
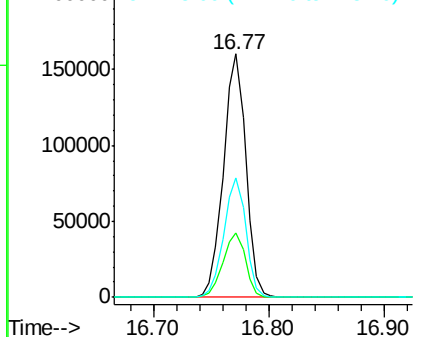
Tot Ion:	200	Resp:	215830
Ion Ratio	Lower	Upper	
200	100		
173	26.3	6.6	46.6
215	48.9	28.6	68.6

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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: 72.729 ng

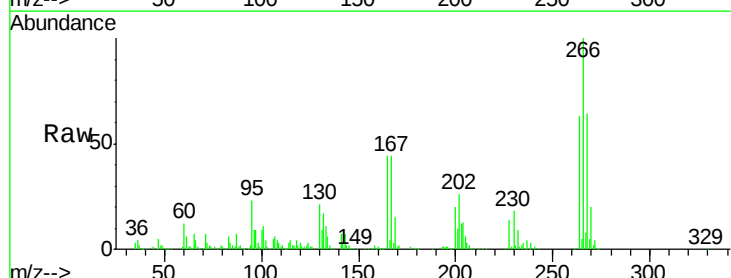
RT: 16.97 min Scan# 2362

Delta R.T. -0.02 min

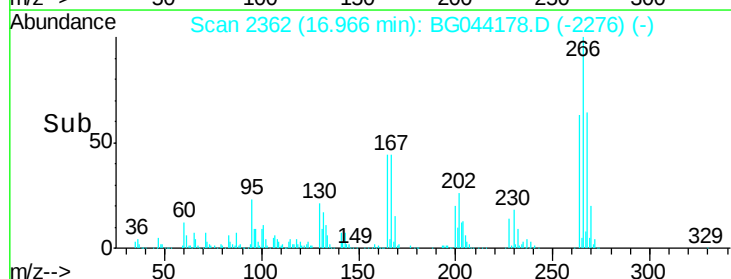
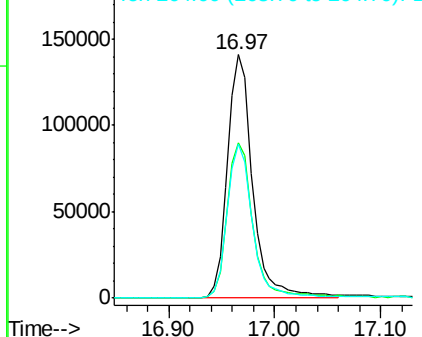
Lab File: BG044178.D

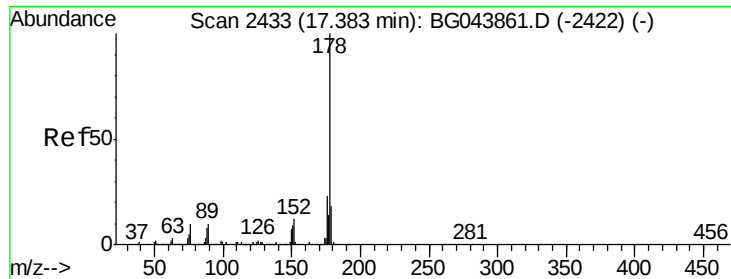
Acq: 24 Jan 2020 12:34

Tgt Ion:	266	Resp:	233168
Ion Ratio	Lower	Upper	
266	100		
268	63.8	52.6	79.0
264	63.3	50.8	76.2



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





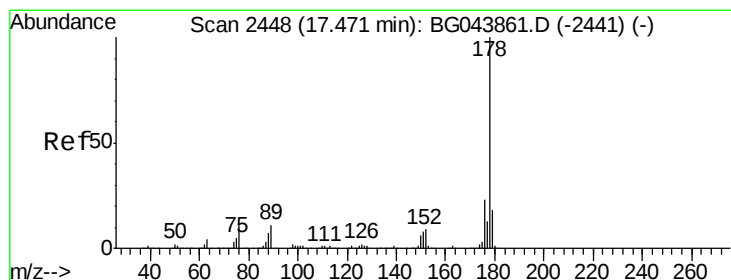
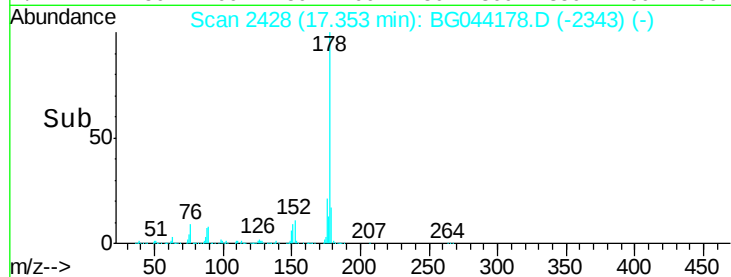
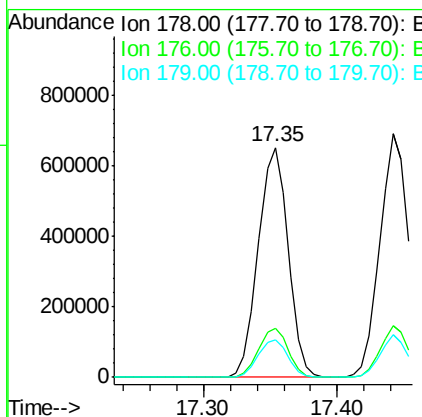
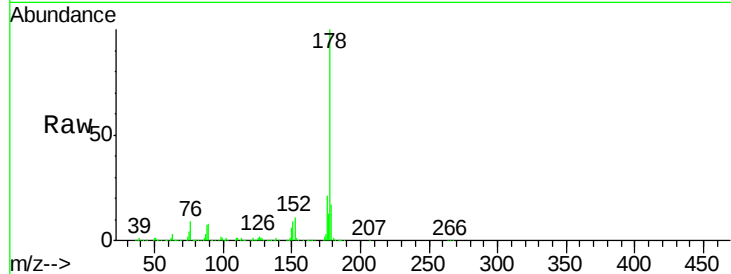
#71
Phenanthrene
Concen: 43.806 ng
RT: 17.35 min Scan# 2428
Delta R.T. -0.03 min
Lab File: BG044178.D
Acq: 24 Jan 2020 12:34

Instrument :
BNA_G
ClientSampleId :
PB126313BS

Tot Ion:178 Resp: 1008330
Ion Ratio Lower Upper
178 100
176 21.2 18.6 28.0
179 16.6 14.4 21.6

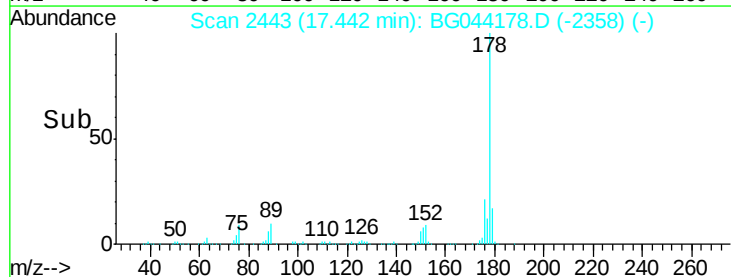
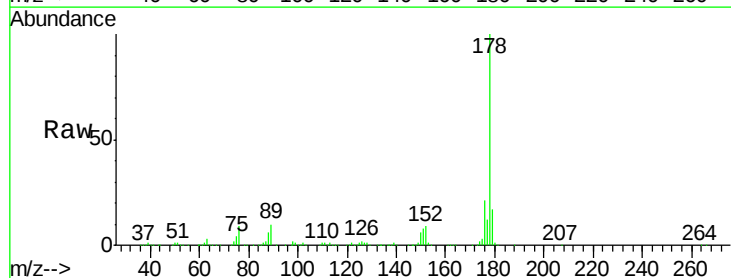
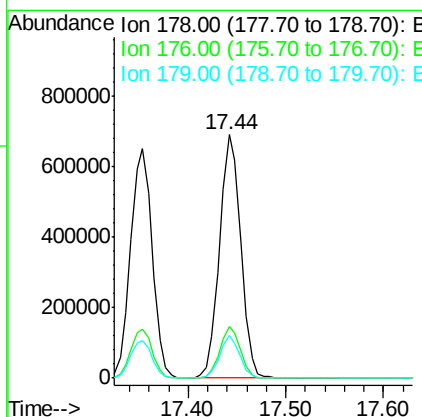
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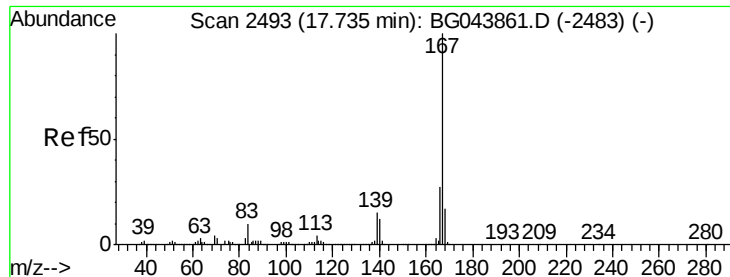
mohammad
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#72
Anthracene
Concen: 45.626 ng
RT: 17.44 min Scan# 2443
Delta R.T. -0.03 min
Lab File: BG044178.D
Acq: 24 Jan 2020 12:34

Tgt Ion:178 Resp: 1037927
Ion Ratio Lower Upper
178 100
176 21.1 18.3 27.5
179 17.3 14.6 22.0





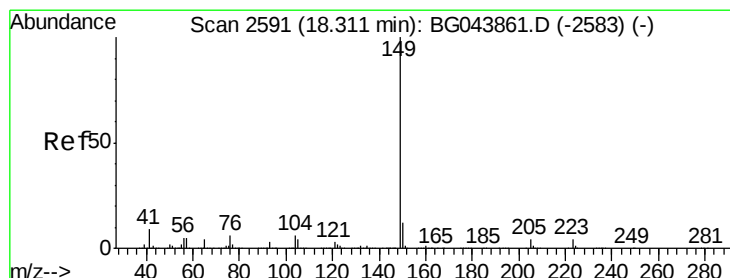
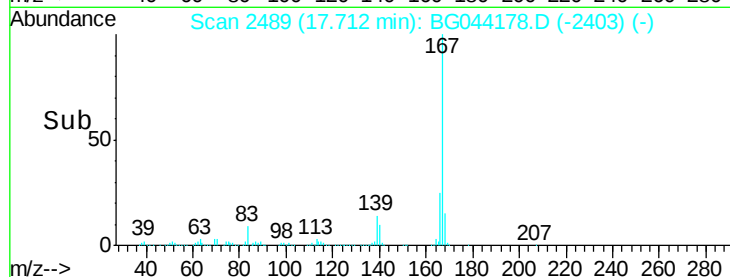
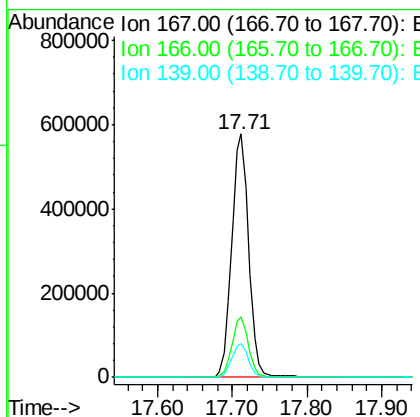
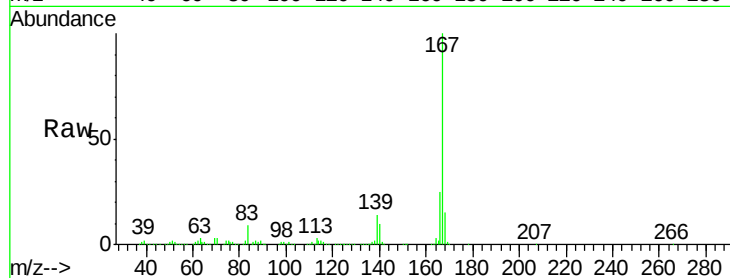
#73
 Carbazole
 Concen: 43.921 ng
 RT: 17.71 min Scan# 2489
 Delta R.T. -0.02 min
 Lab File: BG044178.D
 Acq: 24 Jan 2020 12:34

Instrument :
 BNA_G
 ClientSampleId :
 PB126313BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	24.6	21.6	32.4
139	14.0	12.1	18.1

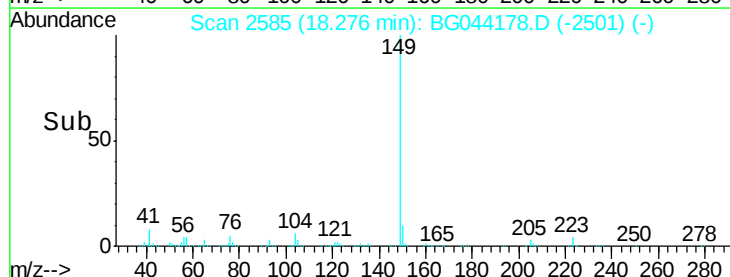
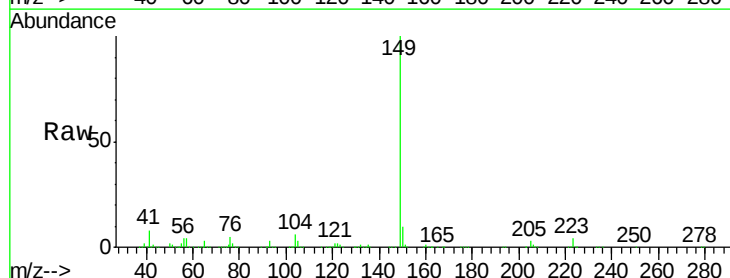
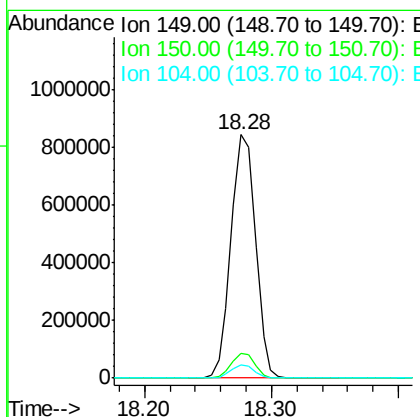
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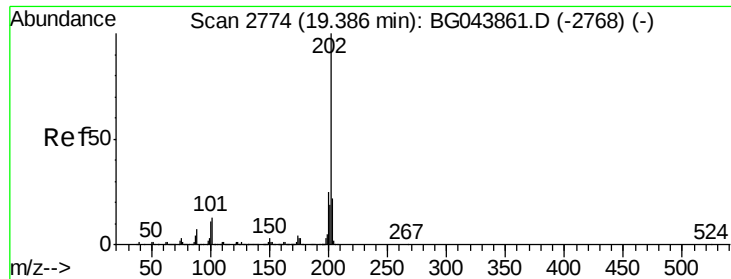
mohammad
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#74
 Di-n-butylphthalate
 Concen: 42.073 ng
 RT: 18.28 min Scan# 2585
 Delta R.T. -0.04 min
 Lab File: BG044178.D
 Acq: 24 Jan 2020 12:34

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.4	9.7	14.5
104	5.5	5.0	7.4





#75

Fluoranthene

Concen: 43.704 ng

RT: 19.36 min Scan# 2770

Delta R.T. -0.02 min

Lab File: BG044178.D

Acq: 24 Jan 2020 12:34

Instrument :

BNA_G

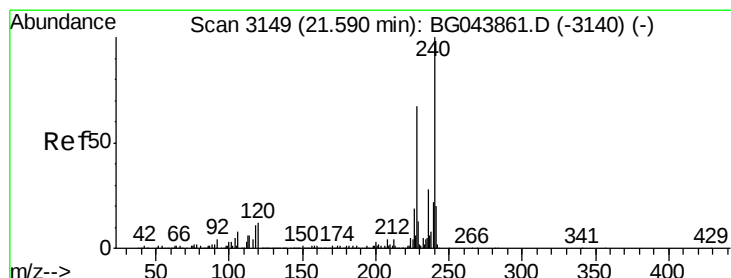
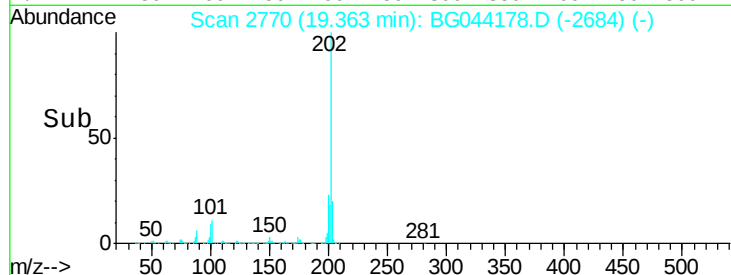
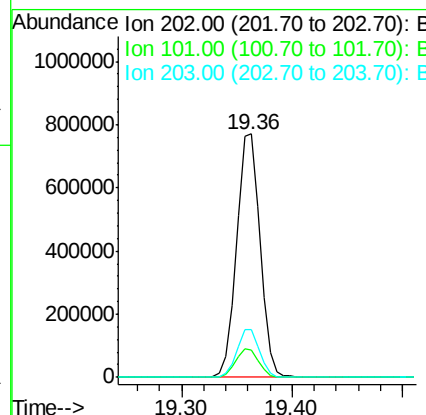
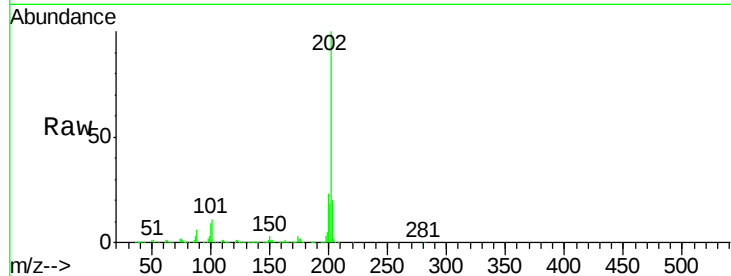
ClientSampleId :

PB126313BS

Tot Ion:	202	Resp:	1150489
Ion	Ratio	Lower	Upper
202	100		
101	11.4	0.0	33.3
203	19.7	1.6	41.6

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#76

Chrysene-d12

Concen: 20.000 ng

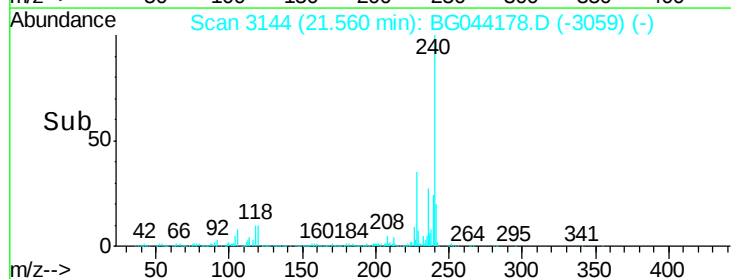
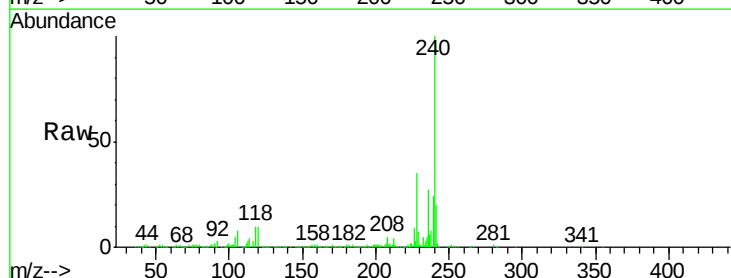
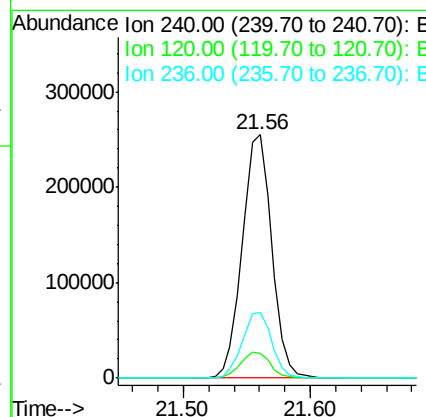
RT: 21.56 min Scan# 3144

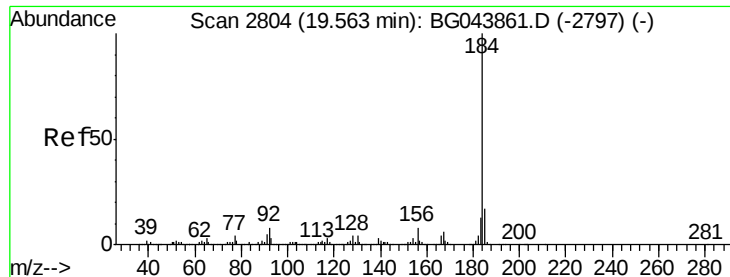
Delta R.T. -0.03 min

Lab File: BG044178.D

Acq: 24 Jan 2020 12:34

Tgt Ion:	240	Resp:	411991
Ion	Ratio	Lower	Upper
240	100		
120	10.2	9.6	14.4
236	27.2	22.2	33.2





#77

Benzidine

Concen: 46.237 ng

RT: 19.54 min Scan# 2800

Delta R.T. -0.02 min

Lab File: BG044178.D

Acq: 24 Jan 2020 12:34

Instrument :

BNA_G

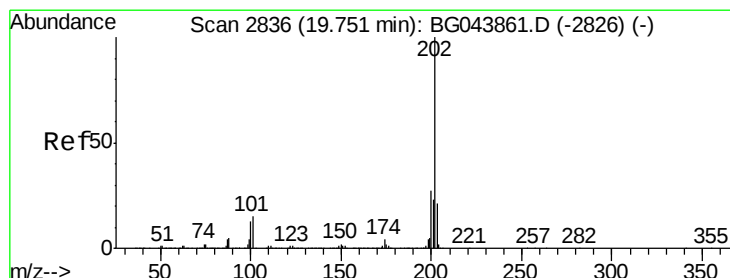
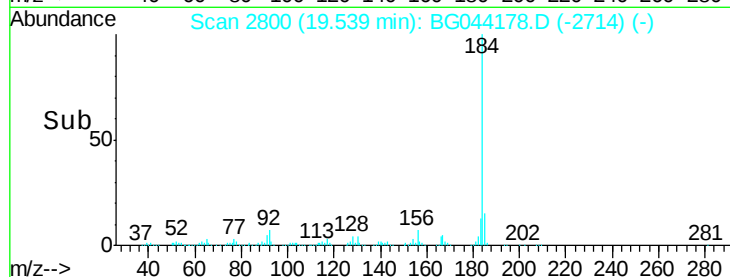
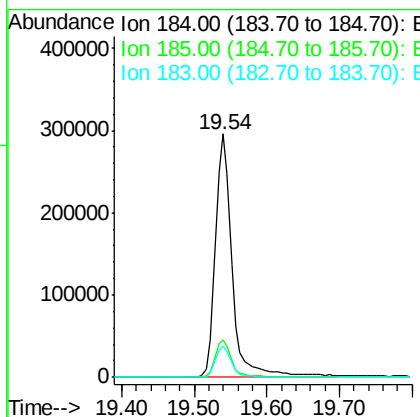
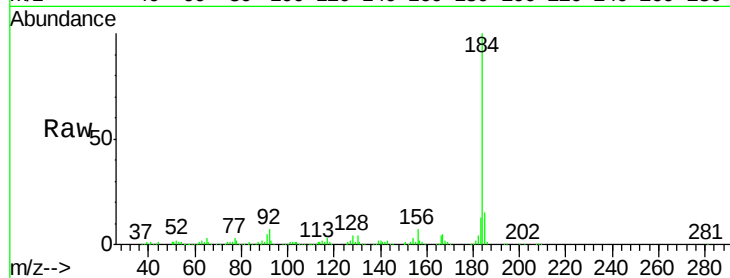
ClientSampleId :

PB126313BS

Tot Ion	Ratio	Lower	Upper
184	100		
185	15.4	13.4	20.0
183	12.7	10.6	15.8

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#78

Pyrene

Concen: 43.243 ng

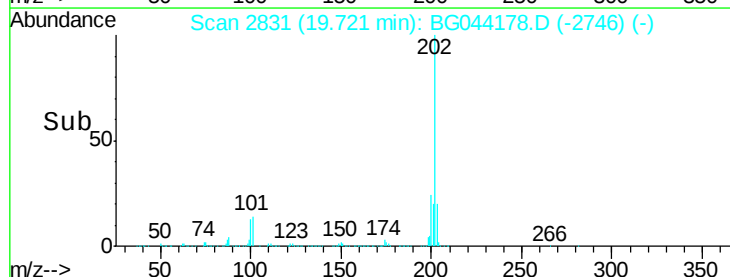
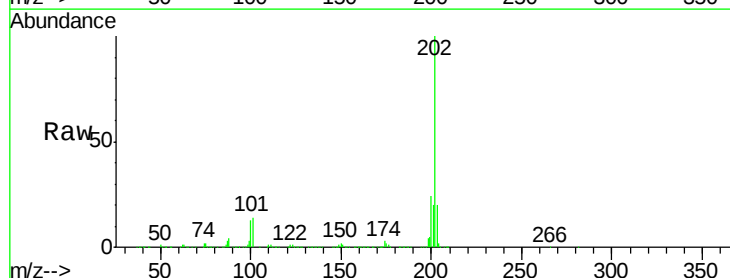
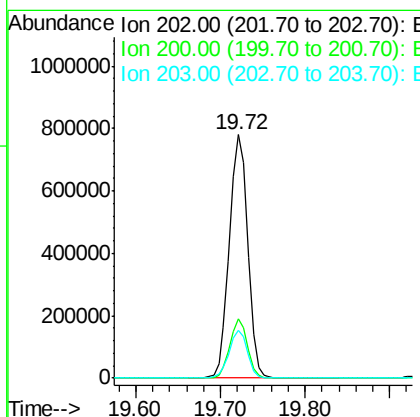
RT: 19.72 min Scan# 2831

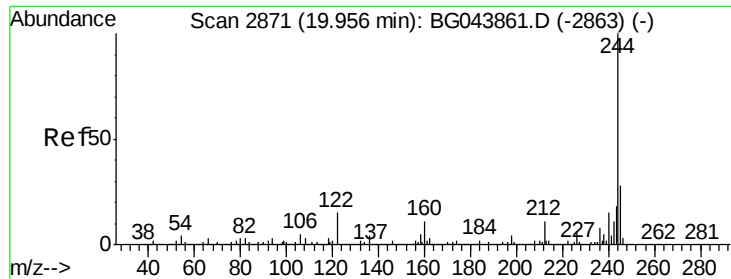
Delta R.T. -0.03 min

Lab File: BG044178.D

Acq: 24 Jan 2020 12:34

Tgt Ion	Ratio	Lower	Upper
202	100		
200	24.3	21.7	32.5
203	19.7	17.0	25.6





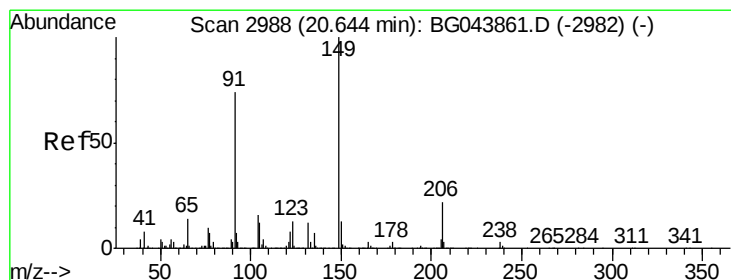
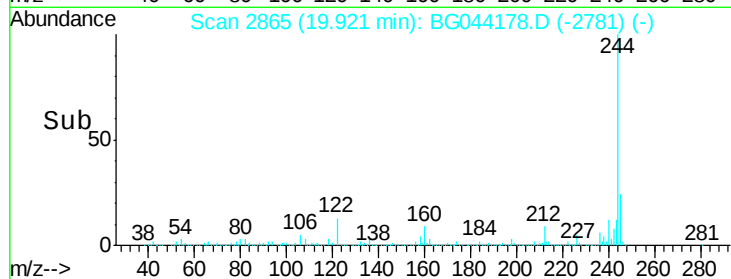
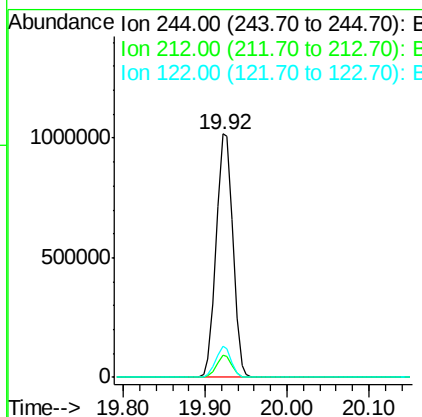
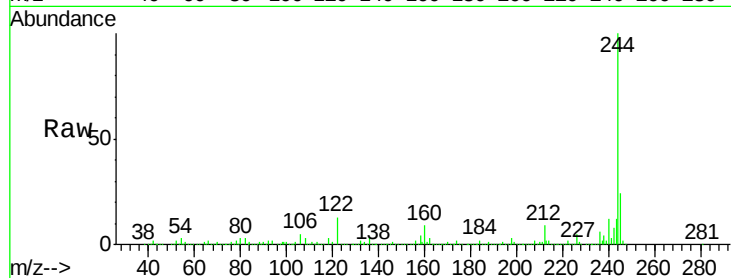
#79
 Terphenyl-d14
 Concen: 85.292 ng
 RT: 19.92 min Scan# 2865
 Delta R.T. -0.03 min
 Lab File: BG044178.D
 Acq: 24 Jan 2020 12:34

Instrument :
 BNA_G
 ClientSampled :
 PB126313BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	8.9	8.6	13.0
122	12.6	11.9	17.9

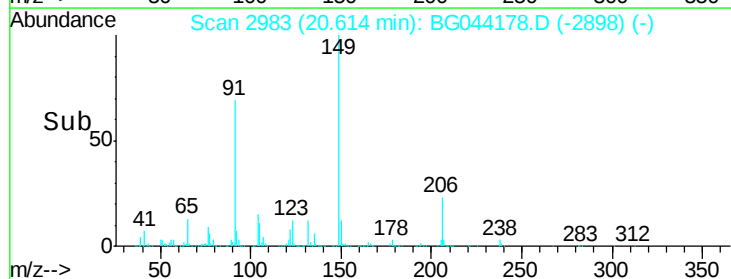
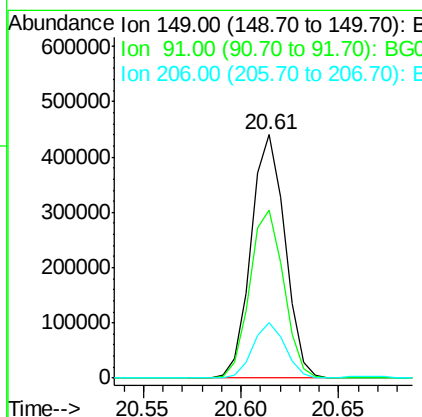
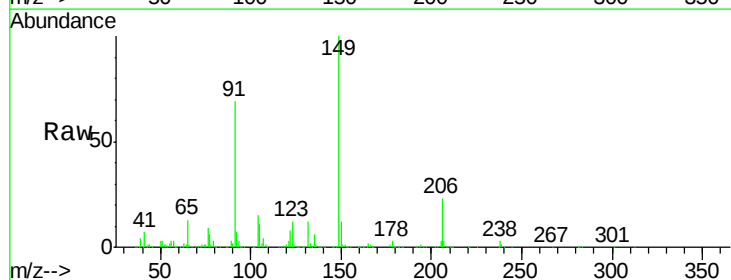
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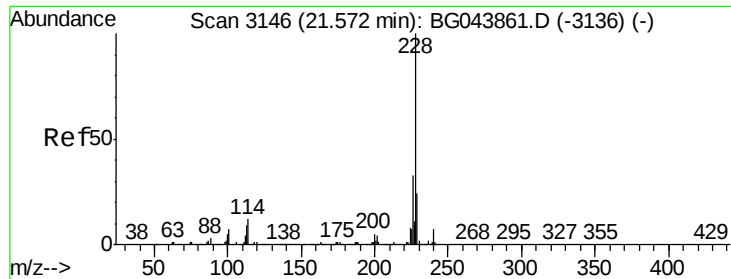
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#80
 Butylbenzylphthalate
 Concen: 41.389 ng
 RT: 20.61 min Scan# 2983
 Delta R.T. -0.03 min
 Lab File: BG044178.D
 Acq: 24 Jan 2020 12:34

Tgt Ion	Ratio	Lower	Upper
149	100		
91	69.2	59.5	89.3
206	22.6	17.8	26.6





#81

Benzo(a)anthracene

Concen: 43.258 ng

RT: 21.54 min Scan# 3140

Delta R.T. -0.04 min

Lab File: BG044178.D

Acq: 24 Jan 2020 12:34

Instrument :

BNA_G

ClientSampleId :

PB126313BS

Tot Ion:228 Resp: 1105088

Ion Ratio Lower Upper

228 100

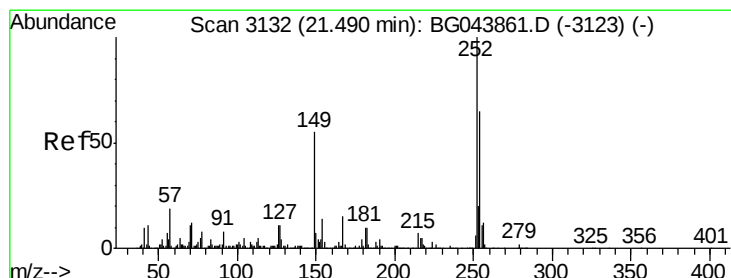
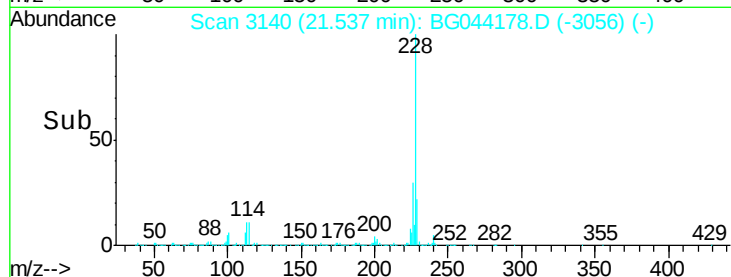
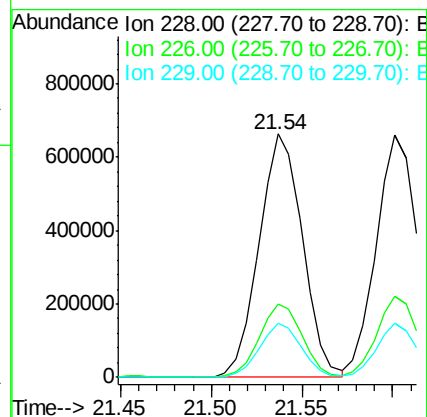
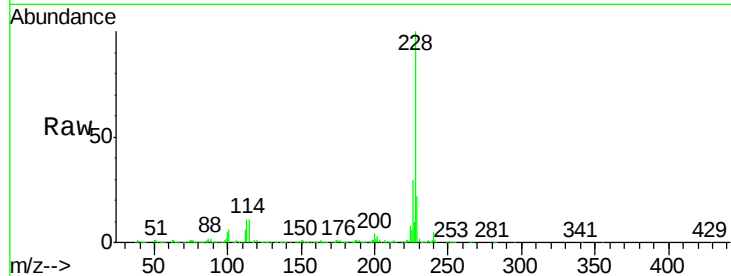
226 30.2 26.2 39.4

229 22.1 18.9 28.3

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#82

3,3'-Dichlorobenzidine

Concen: 31.039 ng

RT: 21.45 min Scan# 3126

Delta R.T. -0.04 min

Lab File: BG044178.D

Acq: 24 Jan 2020 12:34

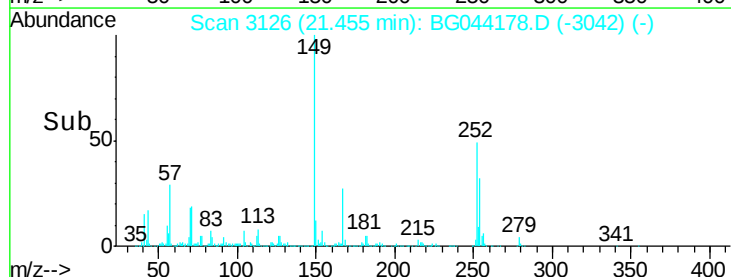
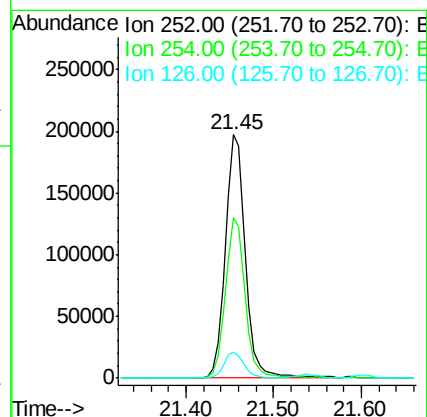
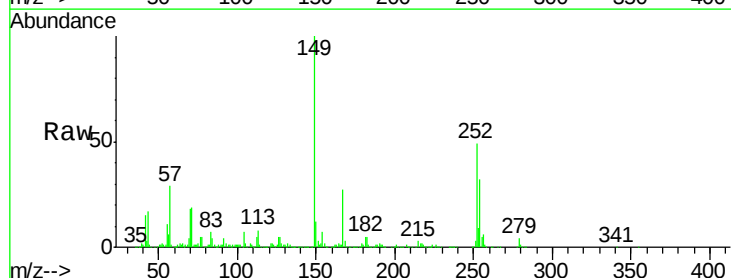
Tgt Ion:252 Resp: 313270

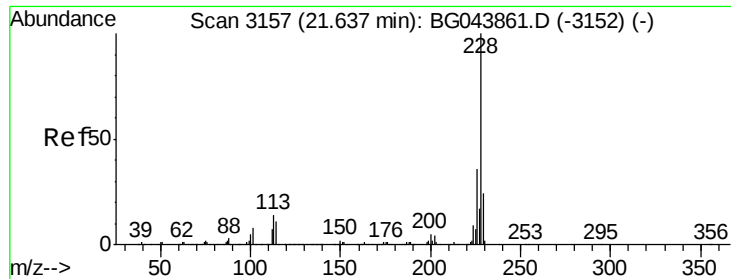
Ion Ratio Lower Upper

252 100

254 66.0 52.1 78.1

126 10.5 9.1 13.7





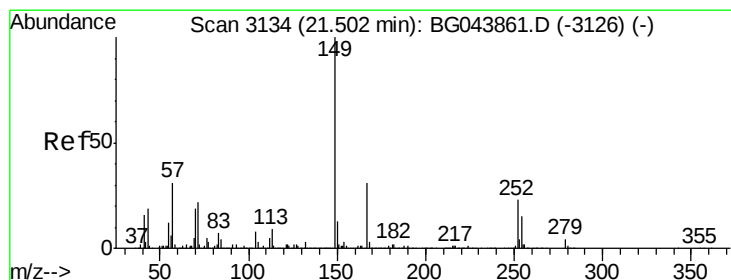
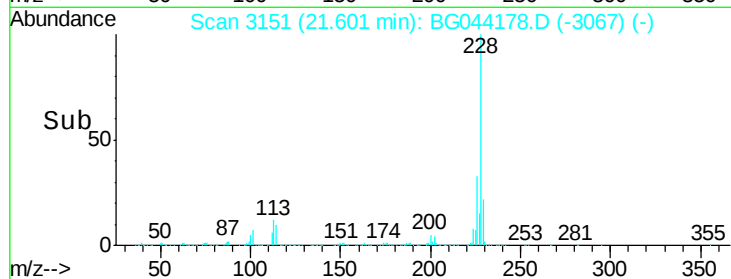
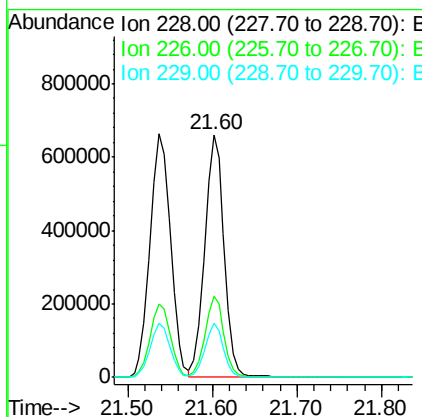
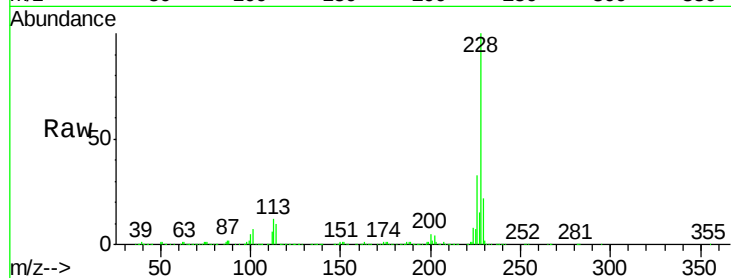
#83
 Chrvsene
 Concen: 43.377 ng
 RT: 21.60 min Scan# 3151
 Delta R.T. -0.04 min
 Lab File: BG044178.D
 Acq: 24 Jan 2020 12:34

Instrument :
 BNA_G
 ClientSampleId :
 PB126313BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	33.4	28.8	43.2
229	22.4	19.0	28.6

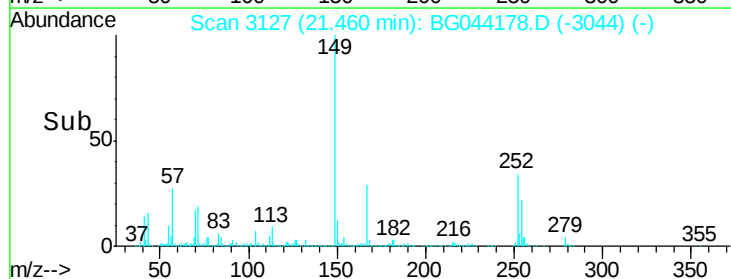
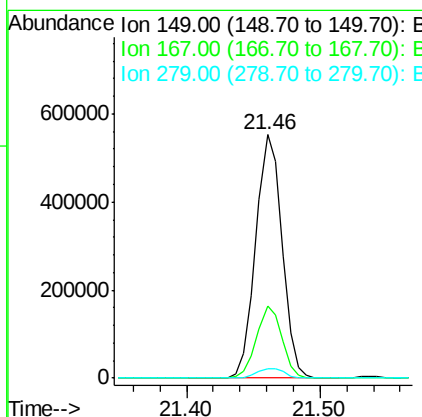
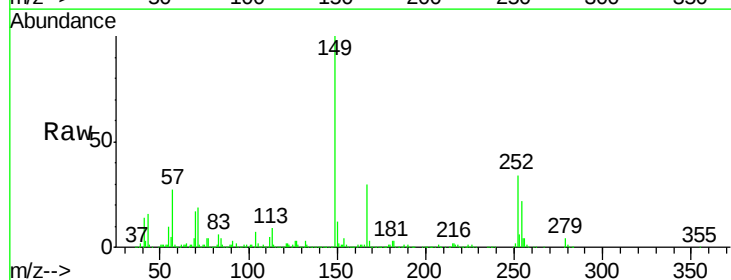
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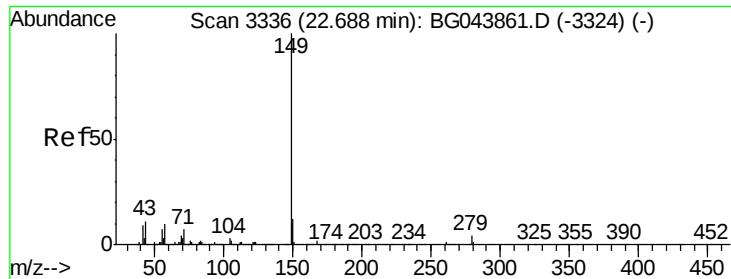
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 42.291 ng
 RT: 21.46 min Scan# 3127
 Delta R.T. -0.04 min
 Lab File: BG044178.D
 Acq: 24 Jan 2020 12:34

Tgt Ion	Ratio	Lower	Upper
149	100		
167	29.5	24.7	37.1
279	4.1	3.3	4.9





#85

Di-n-octyl phthalate

Concen: 43.672 ng

RT: 22.64 min Scan# 3327

Delta R.T. -0.05 min

Lab File: BG044178.D

Acq: 24 Jan 2020 12:34

Instrument :

BNA_G

ClientSampleId :

PB126313BS

Tot Ion:149 Resp: 1297022

Ion Ratio Lower Upper

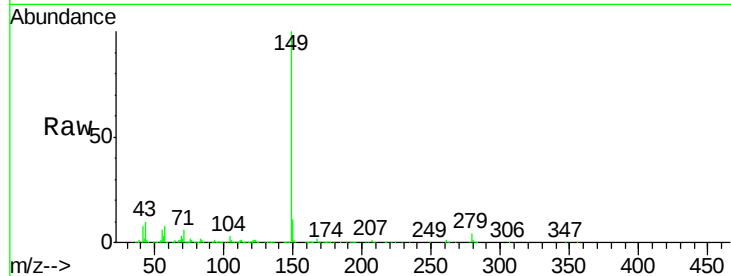
149 100

167 1.6 1.4 2.0

43 9.5 8.8 13.2

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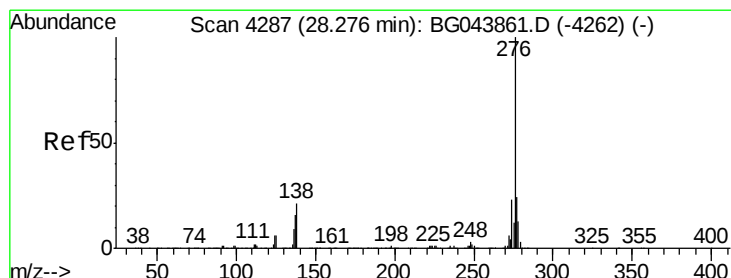
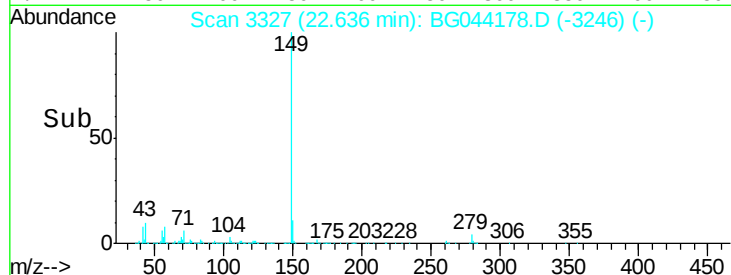
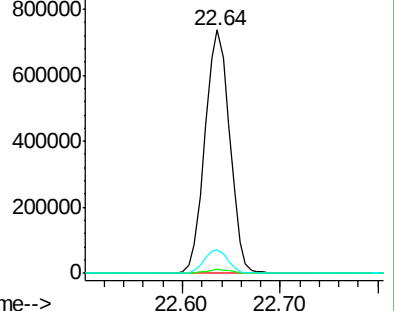
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): B



#86

Indeno(1,2,3-cd)pyrene

Concen: 40.988 ng

RT: 28.18 min Scan# 4271

Delta R.T. -0.09 min

Lab File: BG044178.D

Acq: 24 Jan 2020 12:34

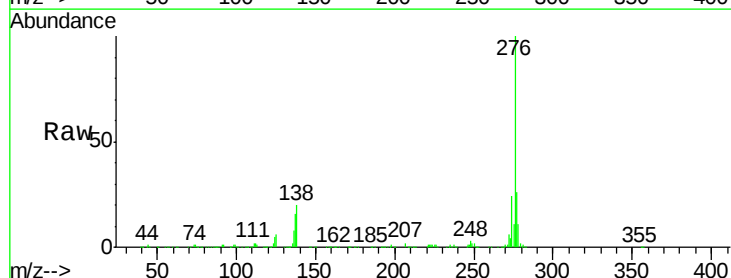
Tgt Ion:276 Resp: 1352140

Ion Ratio Lower Upper

276 100

138 25.5 21.0 31.4

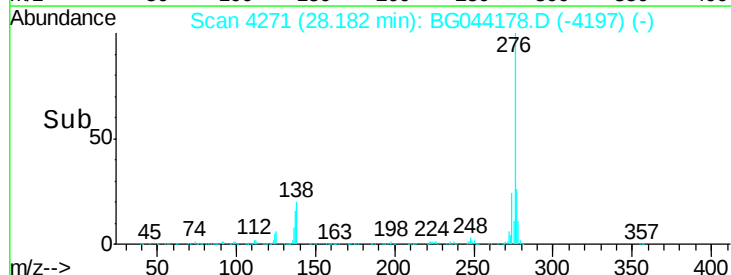
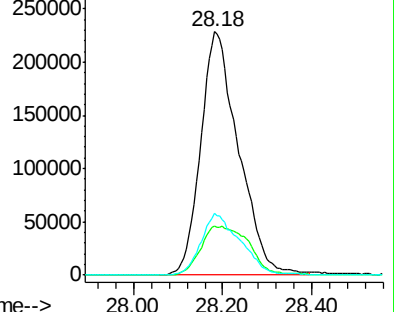
277 26.1 21.1 31.7

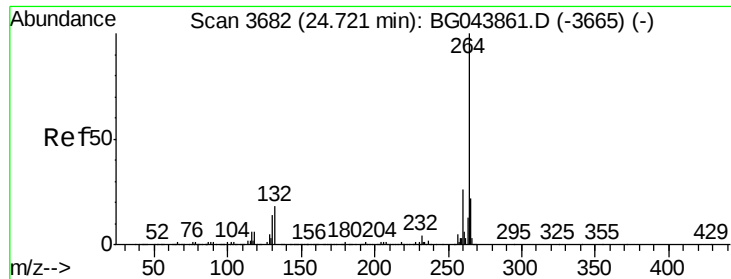


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





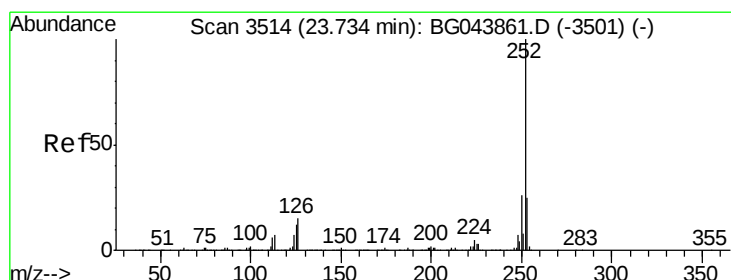
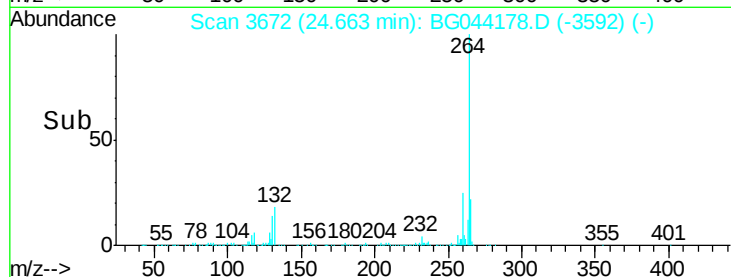
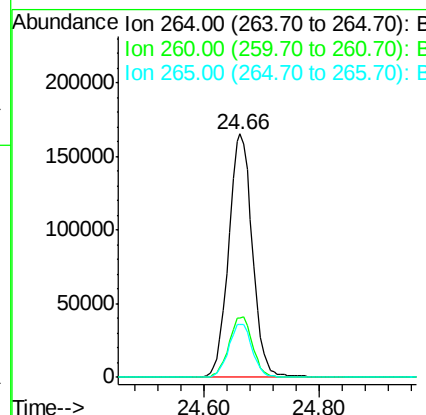
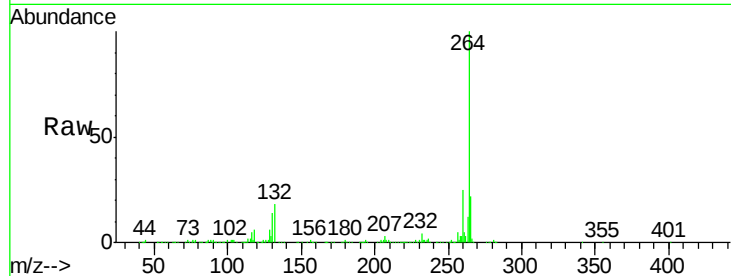
#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.66 min Scan# 3672
Delta R.T. -0.06 min
Lab File: BG044178.D
Acq: 24 Jan 2020 12:34

Instrument :
BNA_G
ClientSampleId :
PB126313BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.5	20.4	30.6
265	21.8	17.4	26.2

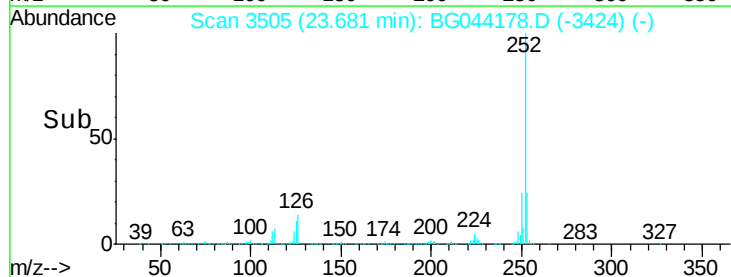
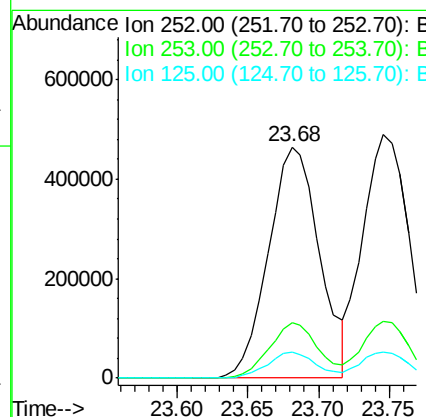
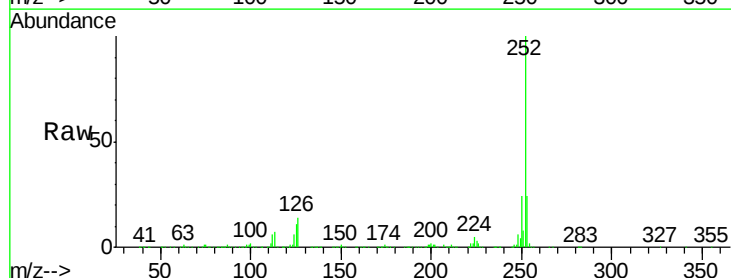
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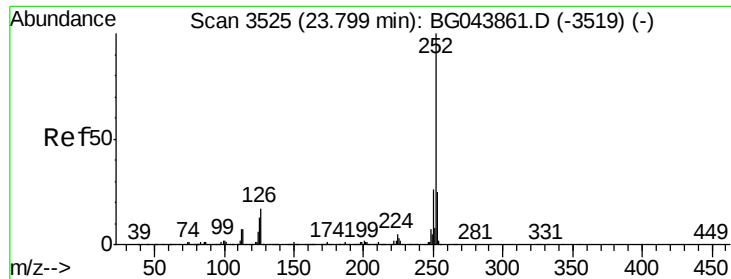
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#88
Benzo(b)fluoranthene
Concen: 42.228 ng
RT: 23.68 min Scan# 3505
Delta R.T. -0.05 min
Lab File: BG044178.D
Acq: 24 Jan 2020 12:34

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.7	19.7	29.5
125	11.1	9.4	14.2





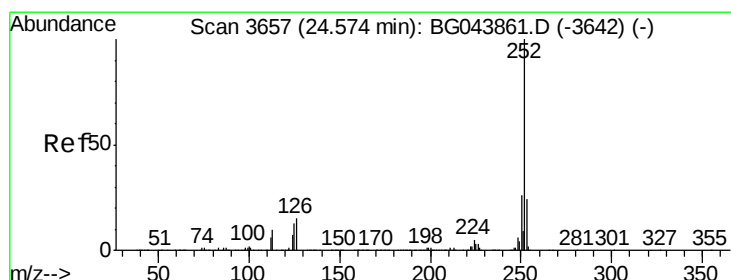
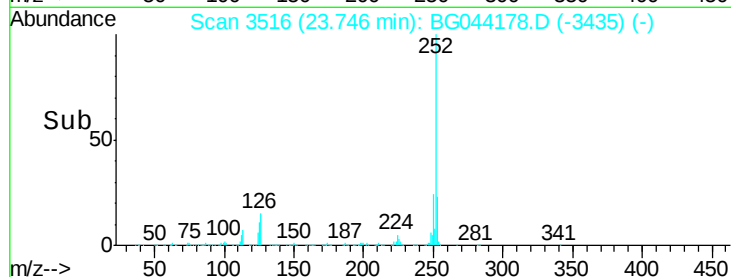
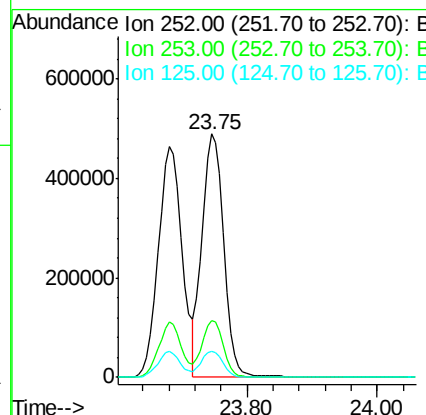
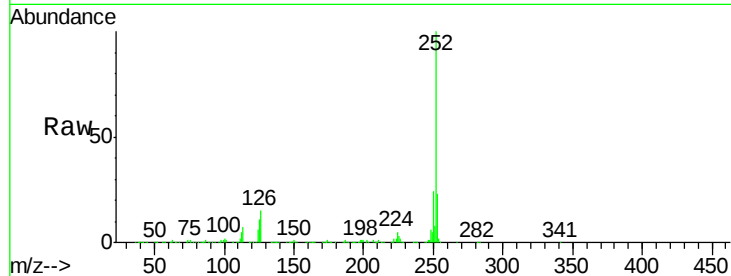
#89
Benzo(k)fluoranthene
Concen: 42.857 ng
RT: 23.75 min Scan# 3516
Delta R.T. -0.05 min
Lab File: BG044178.D
Acq: 24 Jan 2020 12:34

Instrument :
BNA_G
ClientSampleId :
PB126313BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.3	19.4	29.2
125	10.9	9.9	14.9

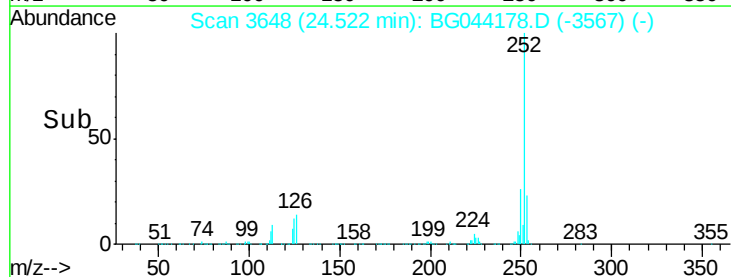
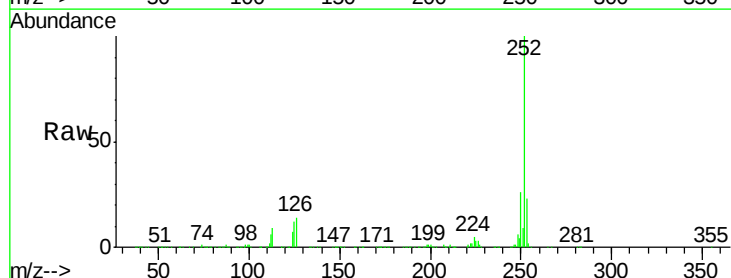
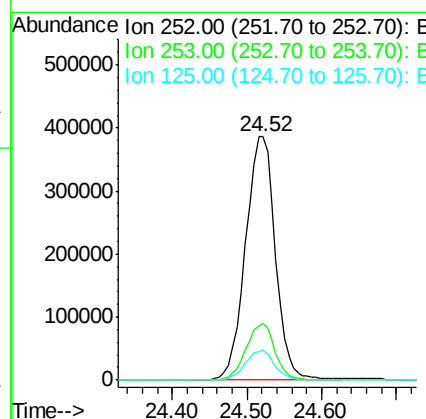
Manual Integrations
APPROVED

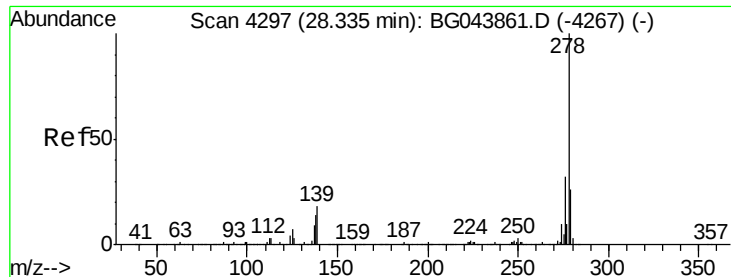
mohammad
1/28/2020 8:11:29 AM



#90
Benzo(a)pyrene
Concen: 40.930 ng
RT: 24.52 min Scan# 3648
Delta R.T. -0.05 min
Lab File: BG044178.D
Acq: 24 Jan 2020 12:34

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.4	19.3	28.9
125	12.4	10.4	15.6





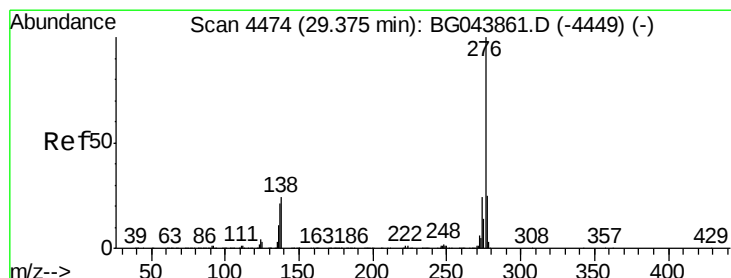
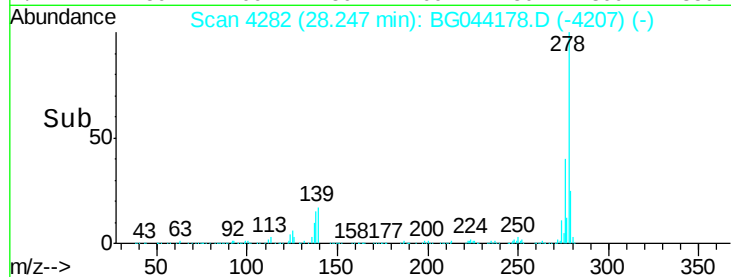
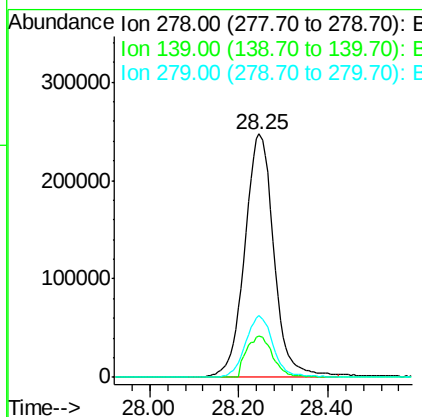
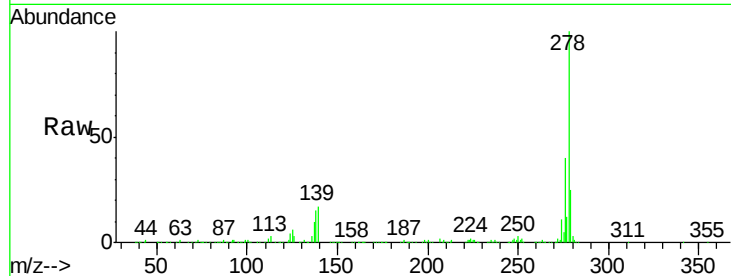
#91
Dibenzo(a,h)anthracene
Concen: 42.197 ng
RT: 28.25 min Scan# 4282
Delta R.T. -0.09 min
Lab File: BG044178.D
Acq: 24 Jan 2020 12:34

Instrument :
BNA_G
ClientSampleId :
PB126313BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	17.0	14.2	21.4
279	25.2	20.6	30.8

Manual Integrations
APPROVED

mohammad
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#92
Benzo(g,h,i)perylene
Concen: 43.681 ng
RT: 29.28 min Scan# 4458
Delta R.T. -0.09 min
Lab File: BG044178.D
Acq: 24 Jan 2020 12:34

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.9	20.2	30.4
138	23.0	19.0	28.6

