

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011320\
 Data File : BG044018.D
 Acq On : 13 Jan 2020 19:00
 Operator : JU
 Sample : PB126034BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB126034BSD

Manual Integrations
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 1/14/2020 12:24:50 PM

Quant Time: Jan 14 10:26:19 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	7.95	152	98751	20.00	ng	-0.02
21) Naphthalene-d8	10.74	136	424314	20.00	ng	-0.02
39) Acenaphthene-d10	14.58	164	273295	20.00	ng	-0.02
64) Phenanthrene-d10	17.32	188	596610	20.00	ng	-0.02
76) Chrysene-d12	21.58	240	515314	20.00	ng	-0.01
87) Perylene-d12	24.72	264	505873	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.53	112	754837	140.35	ng	-0.01
7) Phenol-d6	7.12	99	985066	131.03	ng	0.00
23) Nitrobenzene-d5	9.11	82	616560	77.73	ng	-0.02
42) 2,4,6-Tribromophenol	16.07	330	378377	132.30	ng	-0.02
45) 2-Fluorobiphenyl	13.20	172	1341826	88.95	ng	-0.02
79) Terphenyl-d14	19.94	244	1953389	93.91	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.42	88	111091	47.373	ng	98
3) Pyridine	3.81	79	266501	38.470	ng	93
4) n-Nitrosodimethylamine	3.72	42	131272	42.562	ng	99
6) Aniline	7.27	93	346852	35.127	ng	94
8) 2-Chlorophenol	7.51	128	327910	51.934	ng	97
9) Benzaldehyde	7.08	77	177654m	36.922	ng	
10) Phenol	7.14	94	396480	51.187	ng	98
11) bis(2-Chloroethyl)ether	7.37	93	304552	45.550	ng	99
12) 1,3-Dichlorobenzene	7.84	146	335931	45.466	ng	99
13) 1,4-Dichlorobenzene	7.98	146	335004	45.953	ng	99
14) 1,2-Dichlorobenzene	8.30	146	319926	45.720	ng	98
15) Benzyl Alcohol	8.18	79	273585	46.111	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.48	45	405189	39.171	ng	99
17) 2-Methylphenol	8.39	107	279885	49.933	ng	98
18) Hexachloroethane	9.03	117	127008	44.773	ng	95
19) n-Nitroso-di-n-propylamine	8.75	70	233925	41.783	ng	# 97
20) 3+4-Methylphenols	8.72	107	385436	49.292	ng	96
22) Acetophenone	8.76	105	442622	41.959	ng	99
24) Nitrobenzene	9.15	77	332100	42.275	ng	96
25) Isophorone	9.67	82	639403	42.969	ng	99
26) 2-Nitrophenol	9.86	139	184814	49.726	ng	99
27) 2,4-Dimethylphenol	9.92	122	303696	54.283	ng	96
28) bis(2-Chloroethoxy)methane	10.15	93	409835	41.311	ng	99
29) 2,4-Dichlorophenol	10.40	162	324047	48.557	ng	97
30) 1,2,4-Trichlorobenzene	10.62	180	320830	42.876	ng	99
31) Naphthalene	10.80	128	934238	45.499	ng	100
32) Benzoic acid	10.06	122	163985	37.559	ng	91
33) 4-Chloroaniline	10.90	127	221358	22.602	ng	99
34) Hexachlorobutadiene	11.10	225	185853	40.680	ng	98
35) Caprolactam	11.67	113	117630m	47.349	ng	
36) 4-Chloro-3-methylphenol	12.03	107	335276	47.193	ng	98
37) 2-Methylnaphthalene	12.41	142	703109	45.483	ng	97
38) 1-Methylnaphthalene	12.62	142	658738	44.962	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.78	216	331466	41.380	ng	99

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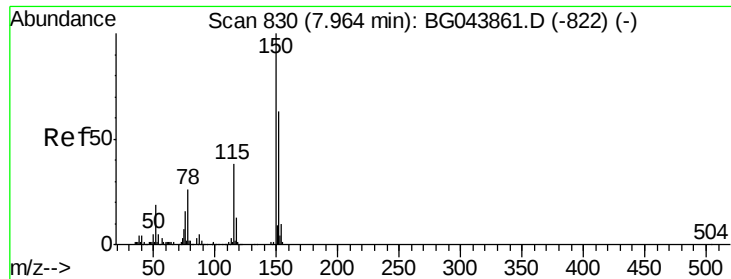
Manual Integrations
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 31 13:32:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.77	237	390087	93.933	nq	99
43) 2,4,6-Trichlorophenol	13.01	196	256640	46.563	nq	99
44) 2,4,5-Trichlorophenol	13.09	196	275279	48.425	nq	97
46) 1,1'-Biphenyl	13.41	154	874963	44.653	nq	100
47) 2-Chloronaphthalene	13.45	162	682980	43.134	nq	98
48) 2-Nitroaniline	13.65	65	210252	41.280	nq	93
49) Acenaphthylene	14.30	152	1080334	47.470	nq	98
50) Dimethylphthalate	14.03	163	886778	45.698	nq	98
51) 2,6-Dinitrotoluene	14.15	165	202430	46.154	nq	96
52) Acenaphthene	14.65	154	682829	42.784	nq	97
53) 3-Nitroaniline	14.48	138	150901	30.297	nq	100
54) 2,4-Dinitrophenol	14.68	184	229436	101.127	nq	96
55) Dibenzofuran	14.98	168	1030531	46.905	nq	98
56) 4-Nitrophenol	14.79	139	378876	99.268	nq	96
57) 2,4-Dinitrotoluene	14.93	165	281400	47.151	nq	99
58) Fluorene	15.63	166	812728	46.671	nq	100
59) 2,3,4,6-Tetrachlorophenol	15.20	232	236028	48.285	nq	97
60) Diethylphthalate	15.40	149	880764	45.380	nq	98
61) 4-Chlorophenyl-phenylether	15.62	204	423267	44.763	nq	97
62) 4-Nitroaniline	15.64	138	204644	41.607	nq	96
63) Azobenzene	15.91	77	794490	44.139	nq	98
65) 4,6-Dinitro-2-methylphenol	15.70	198	167960	54.034	nq	96
66) n-Nitrosodiphenylamine	15.83	169	763456	43.454	nq	99
67) 4-Bromophenyl-phenylether	16.51	248	275380	41.040	nq	97
68) Hexachlorobenzene	16.64	284	297276	41.115	nq	98
69) Atrazine	16.78	200	292434	51.206	nq	100
70) Pentachlorophenol	16.98	266	355140	89.104	nq	99
71) Phenanthrene	17.37	178	1278134	44.664	nq	99
72) Anthracene	17.45	178	1312051	46.393	nq	98
73) Carbazole	17.72	167	1211792	46.386	nq	98
74) Di-n-butylphthalate	18.29	149	1480621	44.391	nq	97
75) Fluoranthene	19.37	202	1467539	44.842	nq	98
77) Benzidine	19.55	184	455623	35.176	nq	98
78) Pyrene	19.73	202	1480932	44.027	nq	97
80) Butylbenzylphthalate	20.63	149	685943	42.834	nq	95
81) Benzo(a)anthracene	21.55	228	1406445	44.016	nq	98
82) 3,3'-Dichlorobenzidine	21.47	252	441540	34.977	nq	100
83) Chrysene	21.63	228	1411030	46.474	nq	96
84) Bis(2-ethylhexyl)phthalate	21.48	149	971227	43.954	nq	98
85) Di-n-octyl phthalate	22.67	149	1683040	45.307	nq	97
86) Indeno(1,2,3-cd)pyrene	28.27	276	1726426m	41.841	nq	
88) Benzo(b)fluoranthene	23.71	252	1502149	50.229	nq	98
89) Benzo(k)fluoranthene	23.79	252	1462412	51.423	nq	98
90) Benzo(a)pyrene	24.57	252	1368855	48.496	nq	97
91) Dibenzo(a,h)anthracene	28.36	278	1443075	50.907	nq	98
92) Benzo(g,h,i)perylene	29.48	276	1461462	51.903	nq	98

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



#1

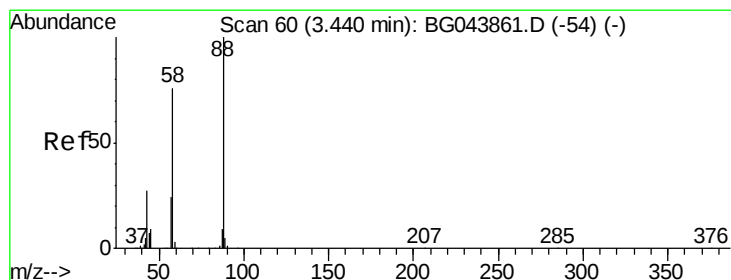
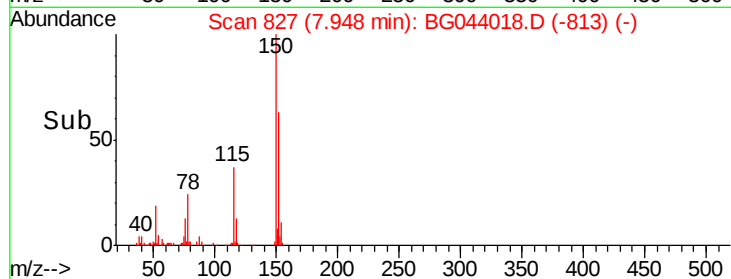
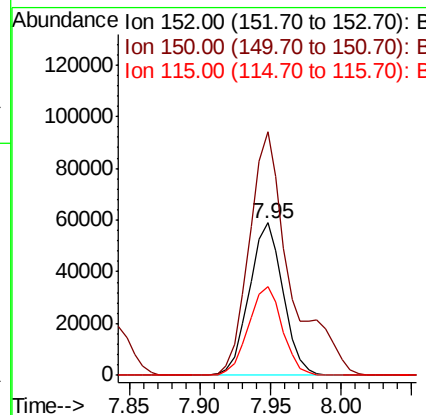
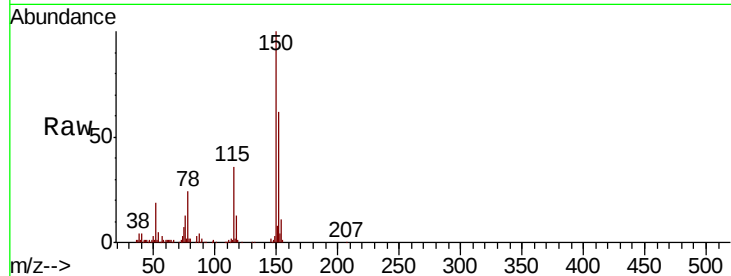
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 827
Delta R.T. -0.02 min
Lab File: BG044018.D
Acq: 13 Jan 2020 19:00

Instrument :
BNA_G
ClientSampleId :
PB126034BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.0	127.0	190.4
115	58.4	47.8	71.8

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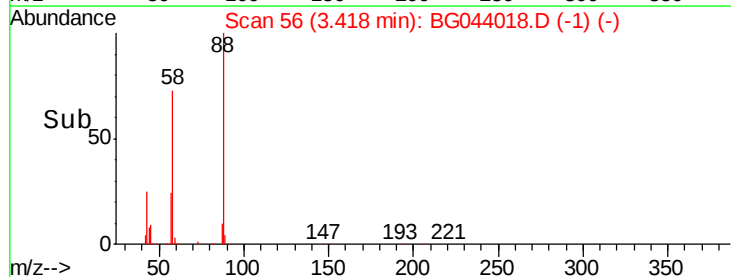
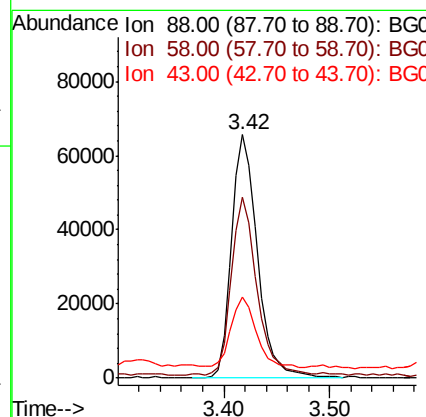
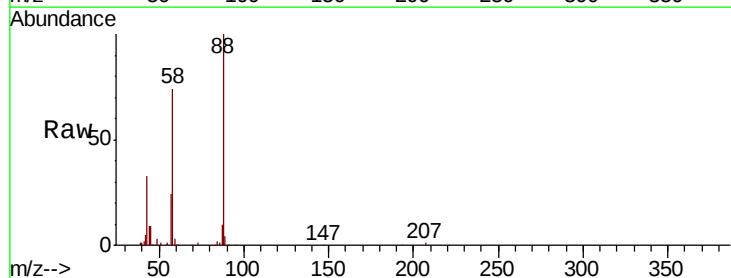
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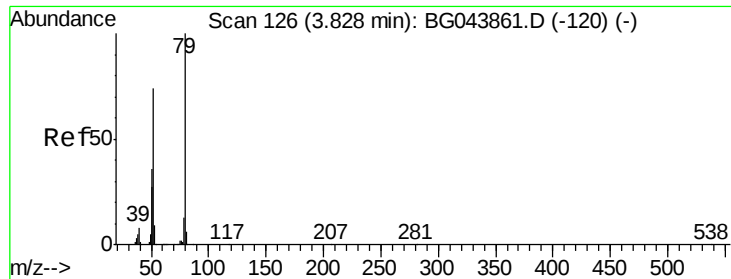


#2

1,4-Dioxane
Concen: 47.373 ng
RT: 3.42 min Scan# 56
Delta R.T. -0.02 min
Lab File: BG044018.D
Acq: 13 Jan 2020 19:00

Tgt Ion	Ratio	Lower	Upper
88	100		
58	72.0	59.8	89.8
43	28.3	22.9	34.3





#3

Pvridine

Concen: 38.470 ng

RT: 3.81 min Scan# 123

Delta R.T. -0.02 min

Lab File: BG044018.D

Acq: 13 Jan 2020 19:00

Instrument :

BNA_G

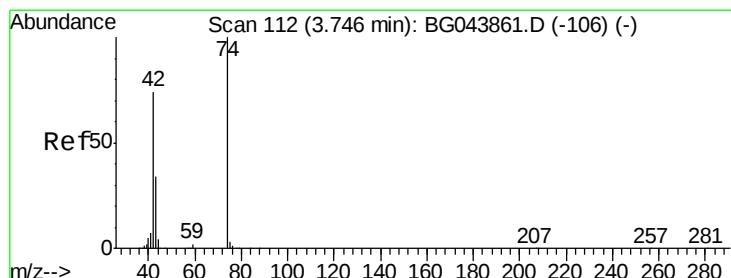
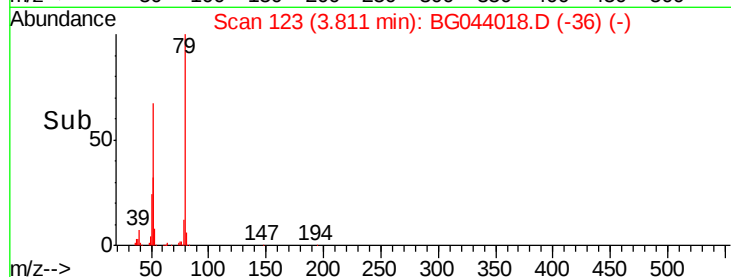
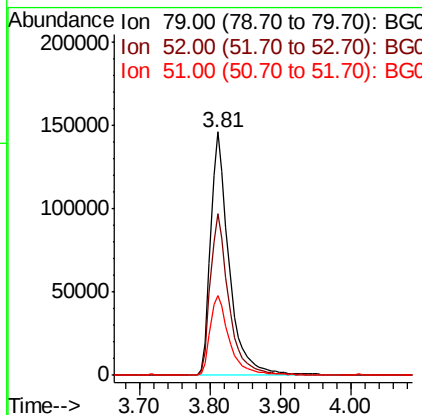
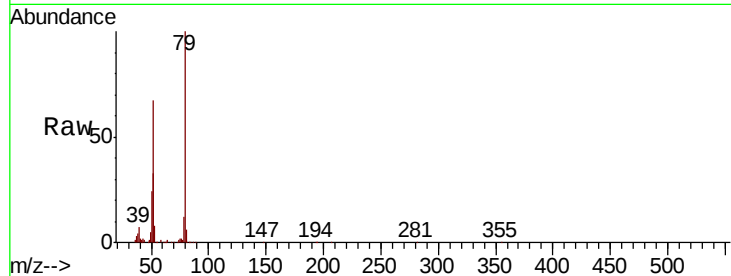
ClientSampleId :

PB126034BSD

Tot Ion:	79	Resp:	266501
Ion Ratio	Lower	Upper	
79	100		
52	66.6	58.9	88.3
51	32.8	28.6	43.0

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#4

n-Nitrosodimethylamine

Concen: 42.562 ng

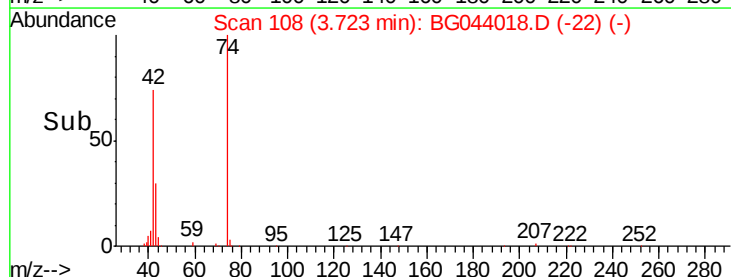
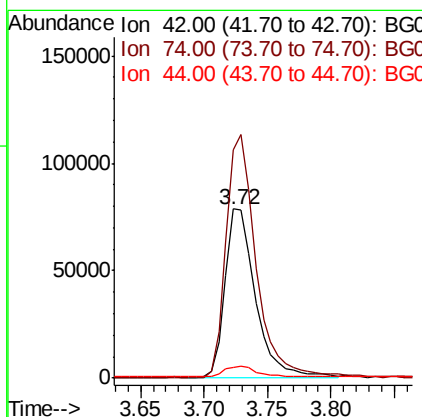
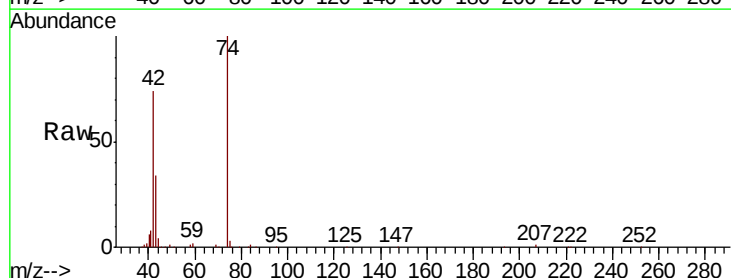
RT: 3.72 min Scan# 108

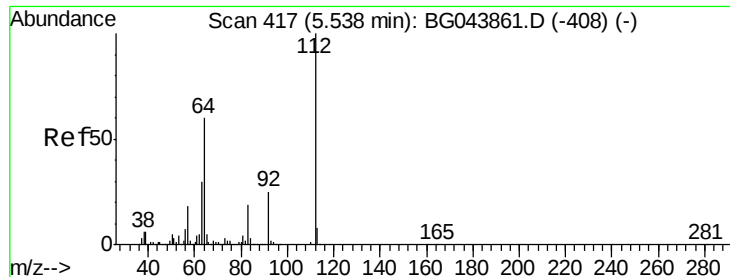
Delta R.T. -0.02 min

Lab File: BG044018.D

Acq: 13 Jan 2020 19:00

Tgt Ion:	42	Resp:	131272
Ion Ratio	Lower	Upper	
42	100		
74	135.1	108.6	162.8
44	6.0	5.0	7.6





#5

2-Fluorophenol

Concen: 140.350 ng

RT: 5.53 min Scan# 415

Delta R.T. -0.01 min

Lab File: BG044018.D

Acq: 13 Jan 2020 19:00

Instrument :

BNA_G

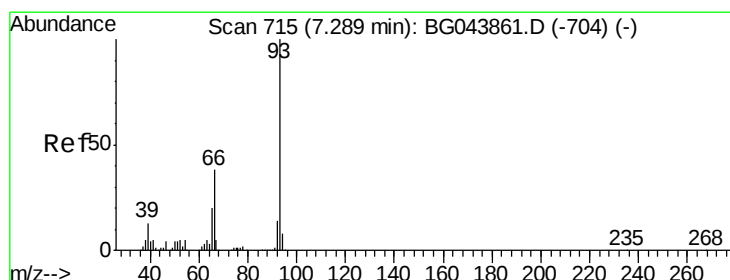
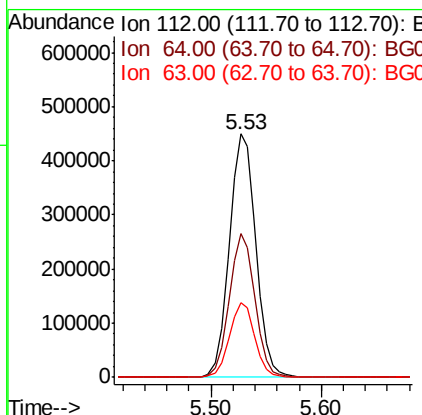
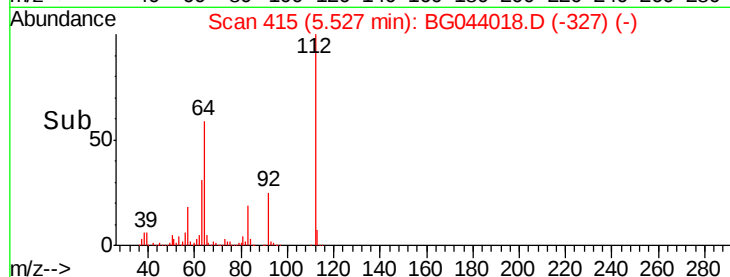
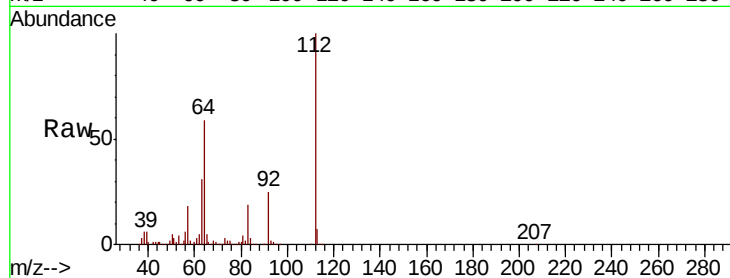
ClientSampleId :

PB126034BSD

Tot Ion:	112	Resp:	754837
Ion Ratio	Lower	Upper	
112	100		
64	58.9	47.8	71.6
63	30.7	24.3	36.5

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#6

Aniline

Concen: 35.127 ng

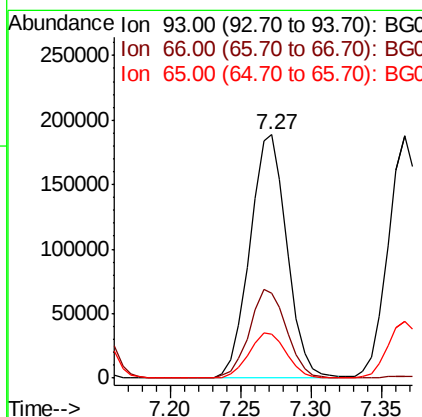
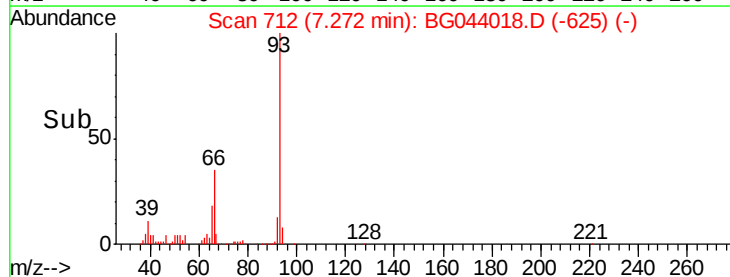
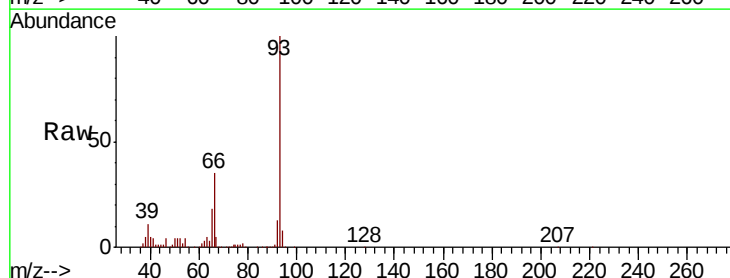
RT: 7.27 min Scan# 712

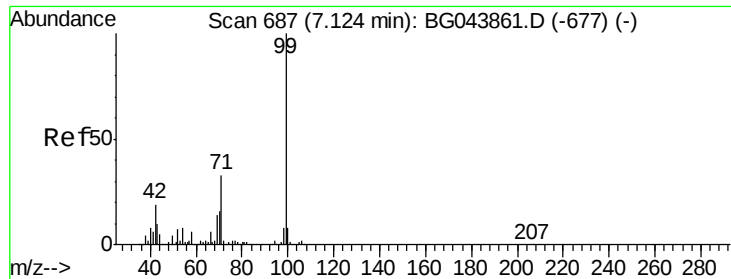
Delta R.T. -0.02 min

Lab File: BG044018.D

Acq: 13 Jan 2020 19:00

Tgt Ion:	93	Resp:	346852
Ion Ratio	Lower	Upper	
93	100		
66	34.7	30.8	46.2
65	17.9	16.0	24.0





#7

Phenol-d6

Concen: 131.031 ng

RT: 7.12 min Scan# 686

Delta R.T. -0.01 min

Lab File: BG044018.D

Acq: 13 Jan 2020 19:00

Instrument :

BNA_G

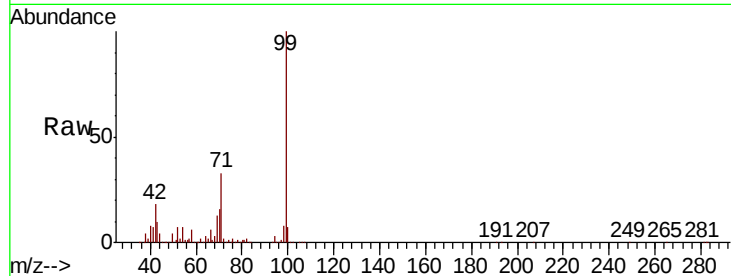
ClientSampleId :

PB126034BSD

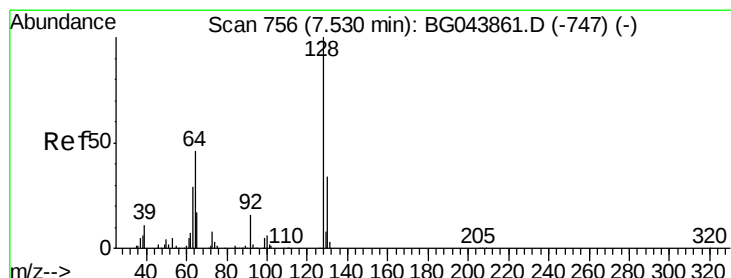
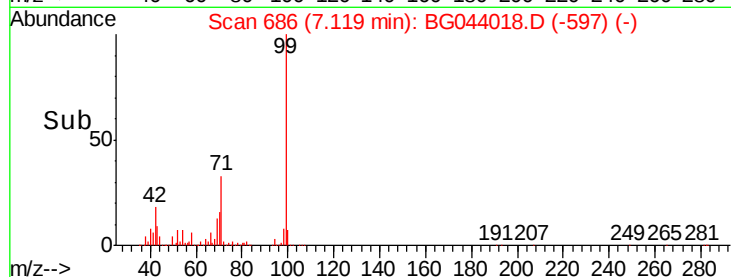
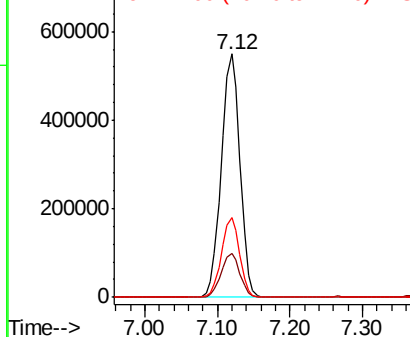
Tot Ion:	99	Resp:	985066
Ion Ratio	Lower	Upper	
99	100		
42	17.9	14.9	22.3
71	32.6	26.4	39.6

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Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 51.934 ng

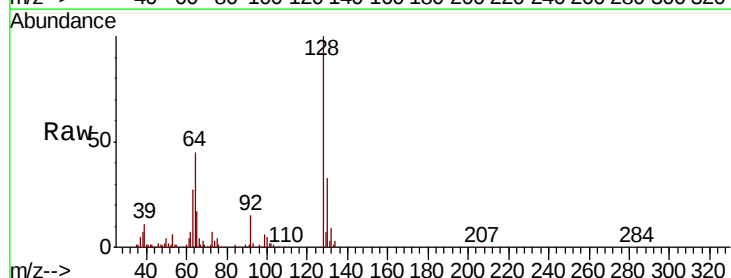
RT: 7.51 min Scan# 753

Delta R.T. -0.02 min

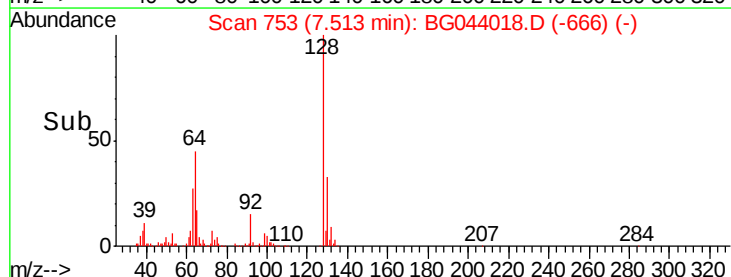
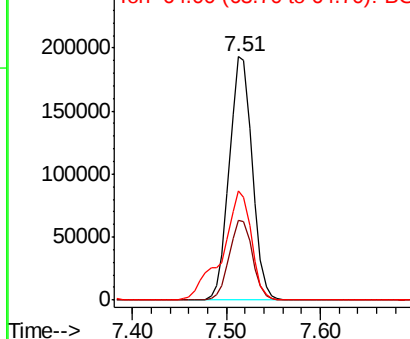
Lab File: BG044018.D

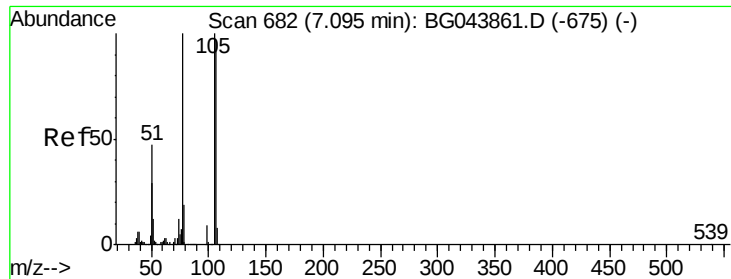
Acq: 13 Jan 2020 19:00

Tgt Ion:	128	Resp:	327910
Ion Ratio	Lower	Upper	
128	100		
130	32.9	13.8	53.8
64	44.8	27.6	67.6



Abundance Ion 128.00 (127.70 to 128.70): BGC
Ion 130.00 (129.70 to 130.70): BGC
Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 36.922 ng/mL

RT: 7.08 min Scan# 679

Delta R.T. -0.02 min

Lab File: BG044018.D

Acq: 13 Jan 2020 19:00

Instrument :

BNA_G

ClientSampleId :

PB126034BSD

Tot Ion: 77 Resp: 177654

Ion Ratio Lower Upper

77 100

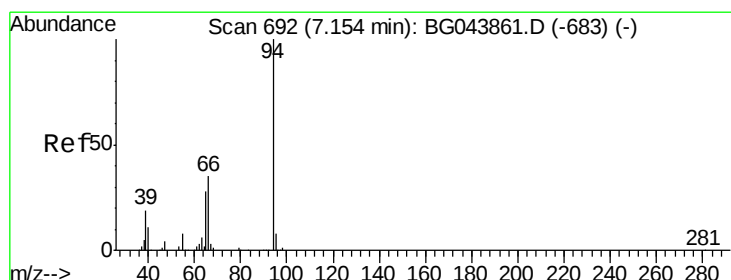
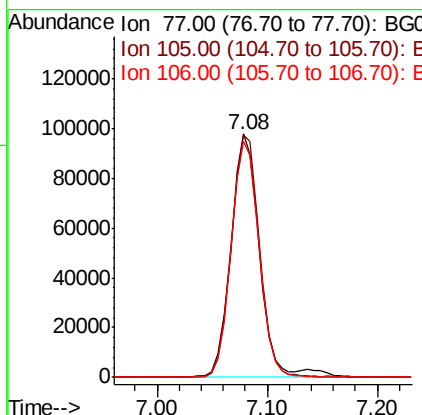
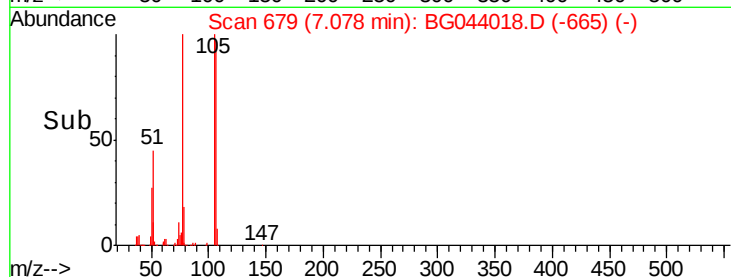
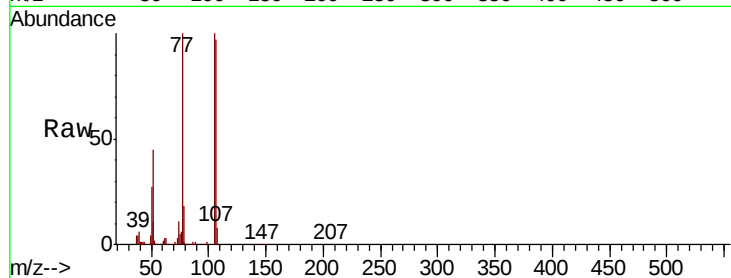
105 99.6 80.2 120.2

106 97.1 77.2 117.2

Manual Integrations
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#10

Phenol

Concen: 51.187 ng/mL

RT: 7.14 min Scan# 690

Delta R.T. -0.01 min

Lab File: BG044018.D

Acq: 13 Jan 2020 19:00

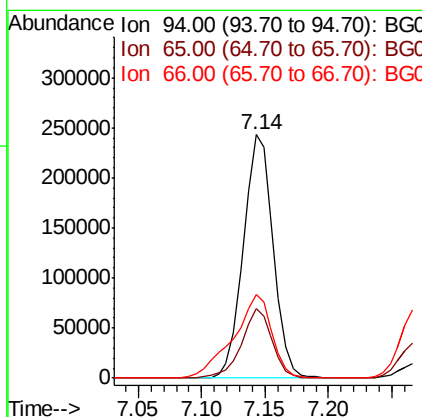
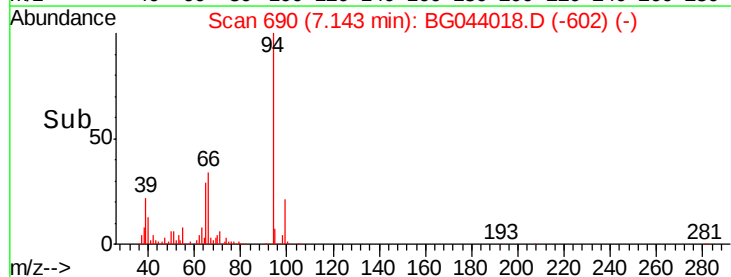
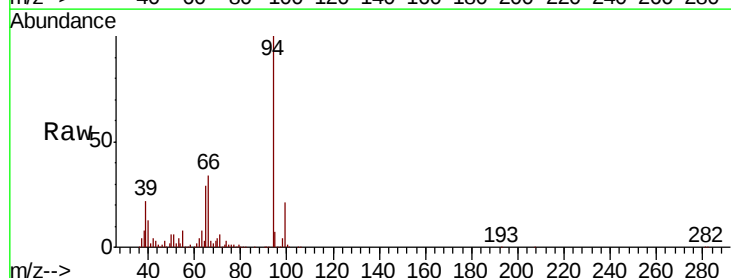
Tgt Ion: 94 Resp: 396480

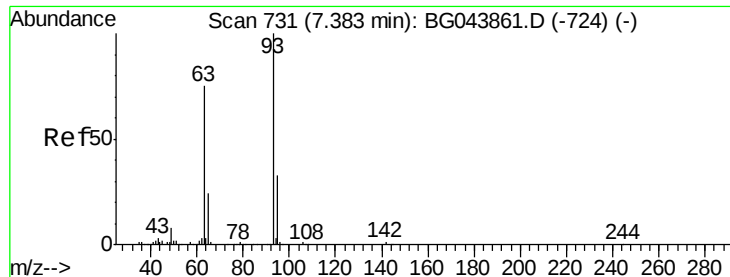
Ion Ratio Lower Upper

94 100

65 28.5 8.1 48.1

66 34.2 15.6 55.6





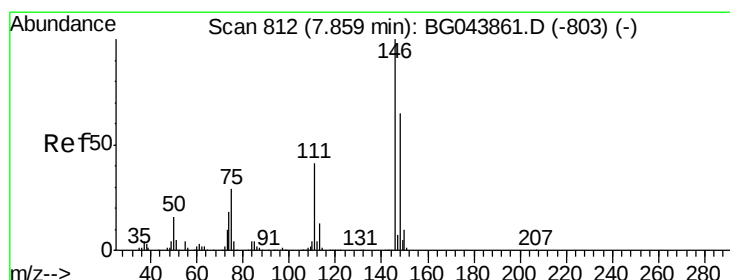
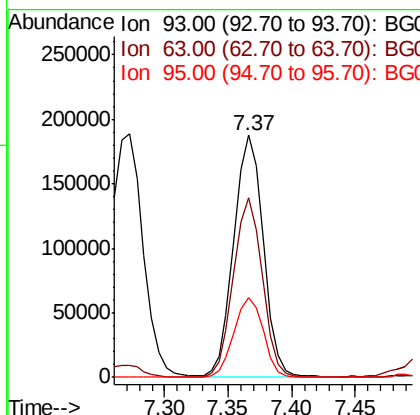
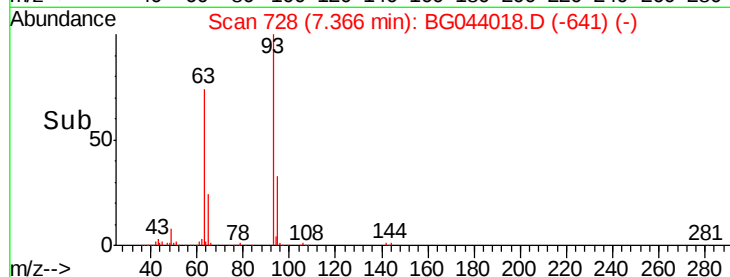
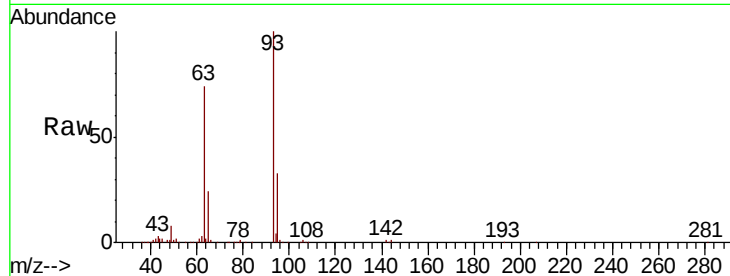
#11
bis(2-Chloroethyl)ether
Concen: 45.550 ng
RT: 7.37 min Scan# 728
Delta R.T. -0.02 min
Lab File: BG044018.D
Acq: 13 Jan 2020 19:00

Instrument :
BNA_G
ClientSampleId :
PB126034BSD

Tot Ion	Ratio	Resp	Lower	Upper
93	100			
63	74.3	55.0	95.0	
95	33.0	13.3	53.3	

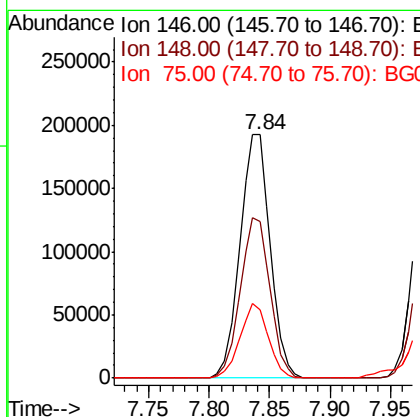
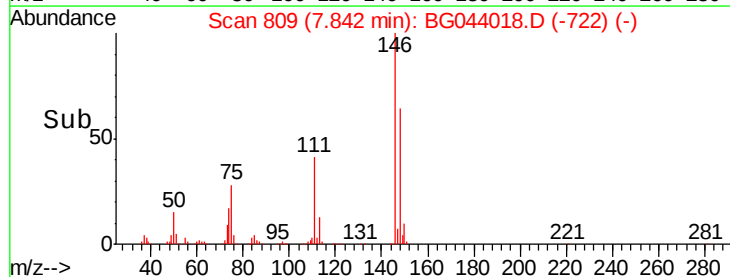
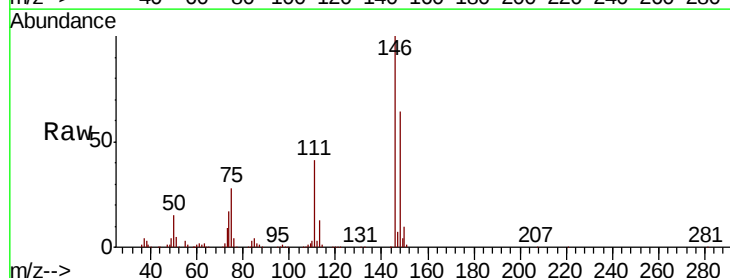
Manual Integrations
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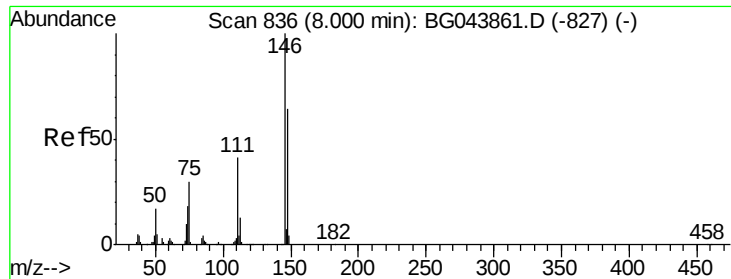
mohammad
1/14/2020 12:24:50 PM



#12
1,3-Dichlorobenzene
Concen: 45.466 ng
RT: 7.84 min Scan# 809
Delta R.T. -0.02 min
Lab File: BG044018.D
Acq: 13 Jan 2020 19:00

Tgt Ion	Ratio	Resp	Lower	Upper
146	100			
148	64.2	52.1	78.1	
75	27.8	23.0	34.4	





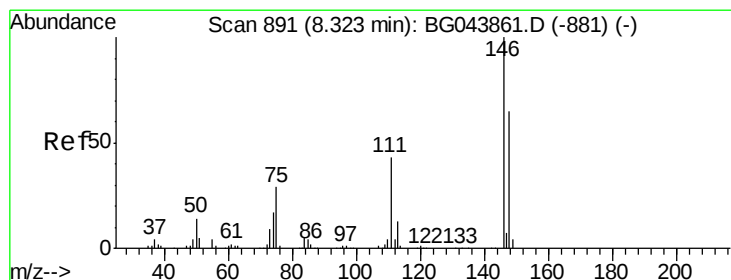
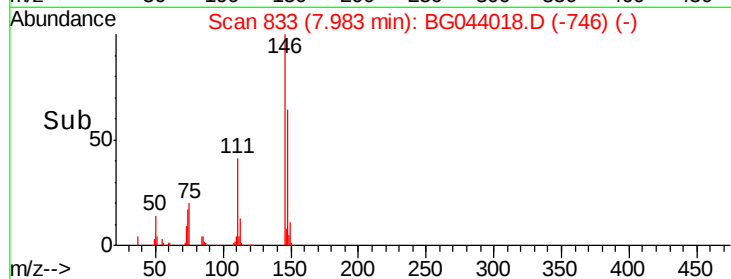
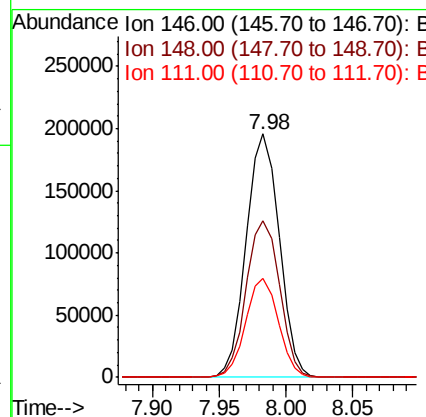
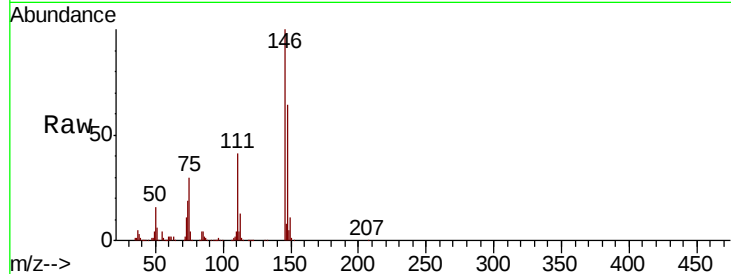
#13
 1,4-Dichlorobenzene
 Concen: 45.953 ng
 RT: 7.98 min Scan# 833
 Delta R.T. -0.02 min
 Lab File: BG044018.D
 Acq: 13 Jan 2020 19:00

Instrument :
 BNA_G
 ClientSampleId :
 PB126034BSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.5	51.2	76.8
111	40.6	33.1	49.7

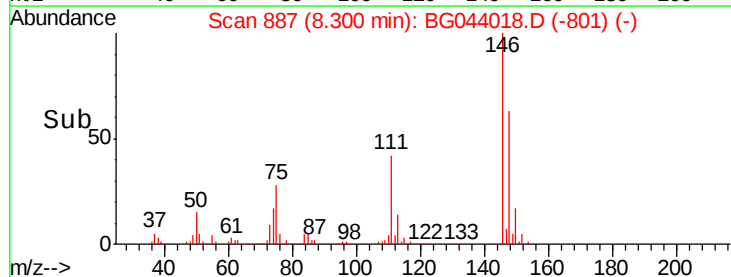
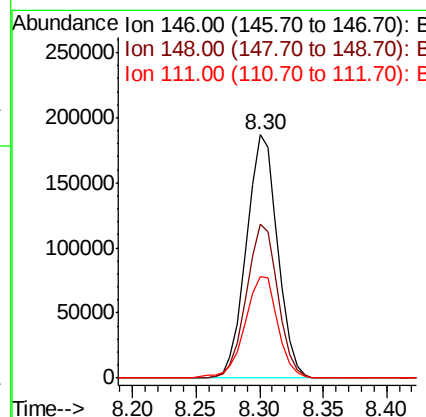
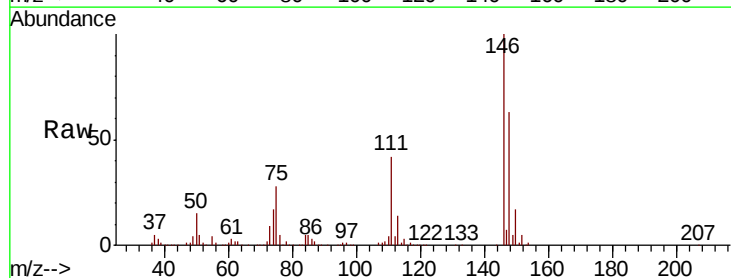
Manual Integrations
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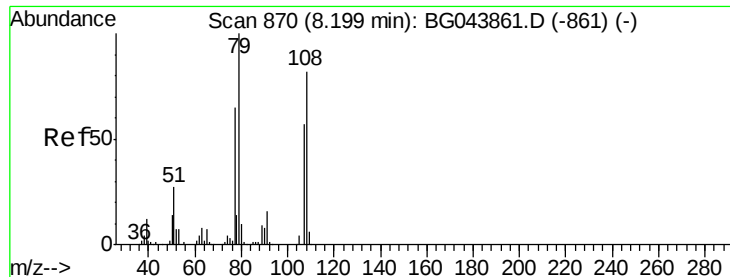
mohammad
 1/14/2020 12:24:50 PM



#14
 1,2-Dichlorobenzene
 Concen: 45.720 ng
 RT: 8.30 min Scan# 887
 Delta R.T. -0.02 min
 Lab File: BG044018.D
 Acq: 13 Jan 2020 19:00

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.3	51.7	77.5
111	41.6	34.4	51.6





#15

Benzyl Alcohol

Concen: 46.111 ng

RT: 8.18 min Scan# 867

Delta R.T. -0.02 min

Lab File: BG044018.D

Acq: 13 Jan 2020 19:00

Instrument :

BNA_G

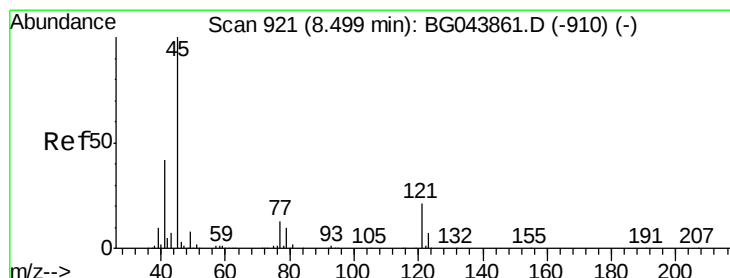
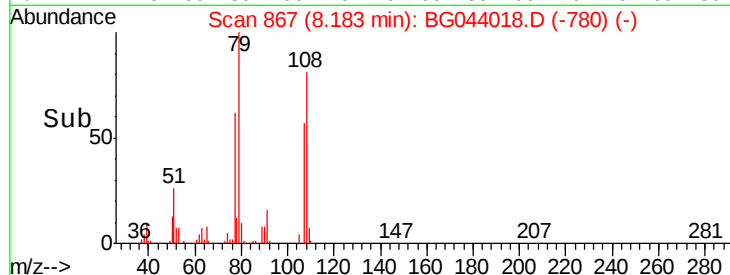
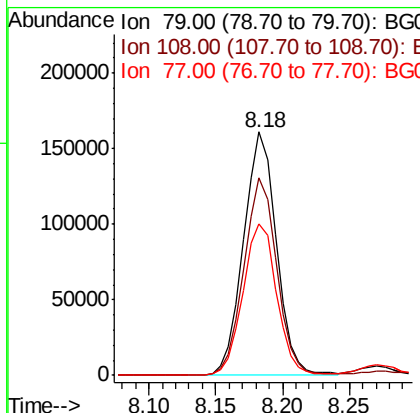
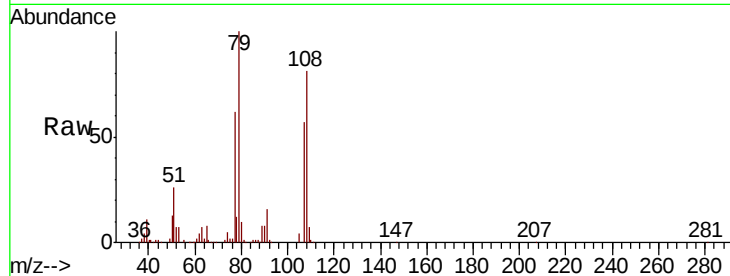
ClientSampleId :

PB126034BSD

Tot Ion:	79	Resp:	273585
Ion Ratio	Lower	Upper	
79	100		
108	81.2	65.6	98.4
77	62.1	52.0	78.0

Manual Integrations
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#16

2,2'-oxybis(1-chloropropane)

Concen: 39.171 ng

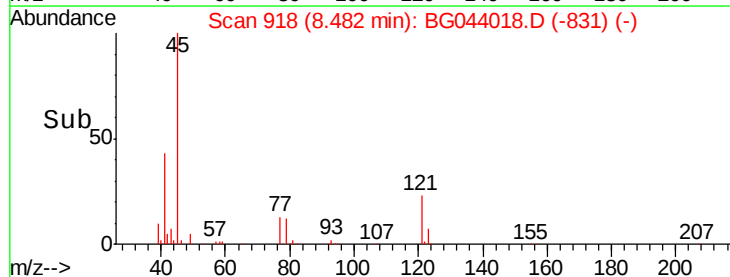
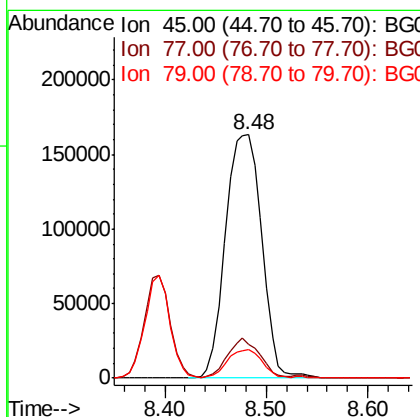
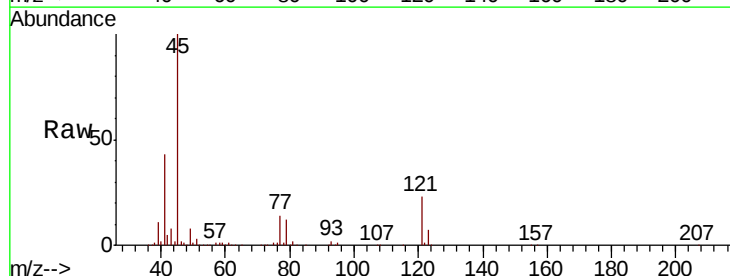
RT: 8.48 min Scan# 918

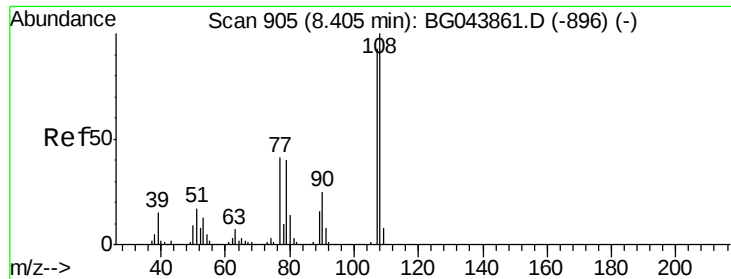
Delta R.T. -0.02 min

Lab File: BG044018.D

Acq: 13 Jan 2020 19:00

Tgt Ion:	45	Resp:	405189
Ion Ratio	Lower	Upper	
45	100		
77	13.8	0.0	33.8
79	11.6	0.0	31.0





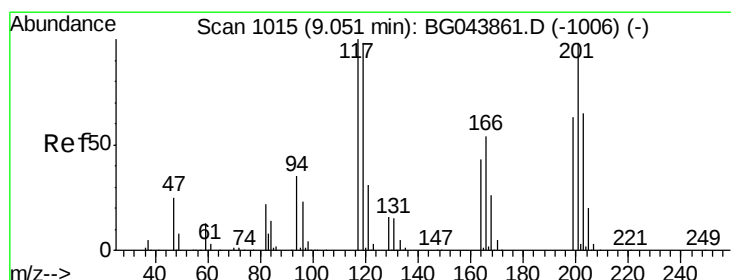
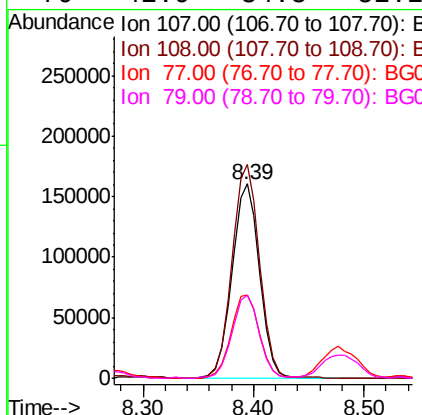
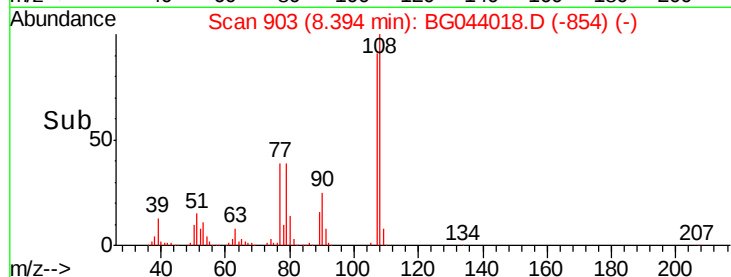
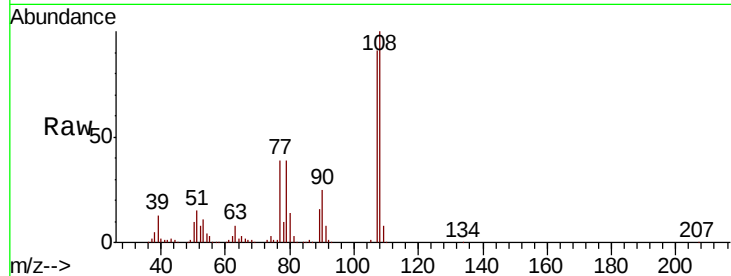
#17
2-Methylphenol
Concen: 49.933 ng
RT: 8.39 min Scan# 903
Delta R.T. -0.01 min
Lab File: BG044018.D
Acq: 13 Jan 2020 19:00

Instrument :
BNA_G
ClientSampleId :
PB126034BSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	110.1	86.1	129.1	
77	43.1	35.4	53.0	
79	42.9	34.8	52.2	

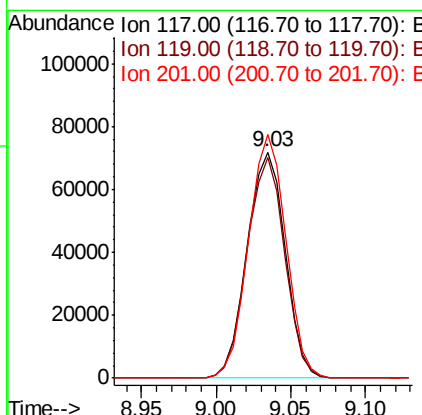
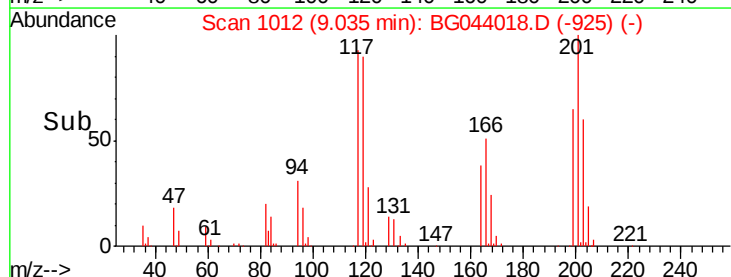
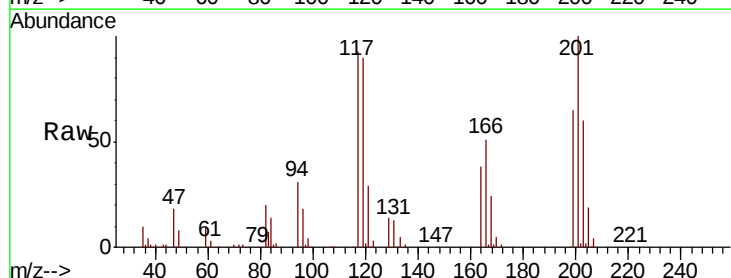
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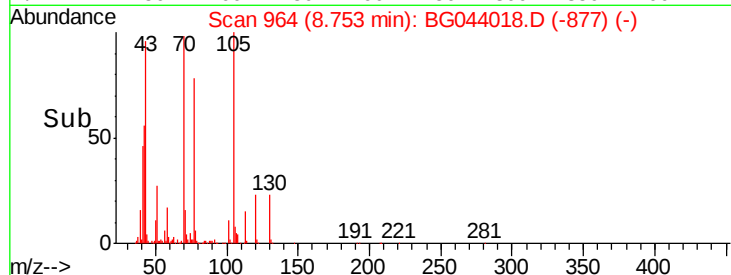
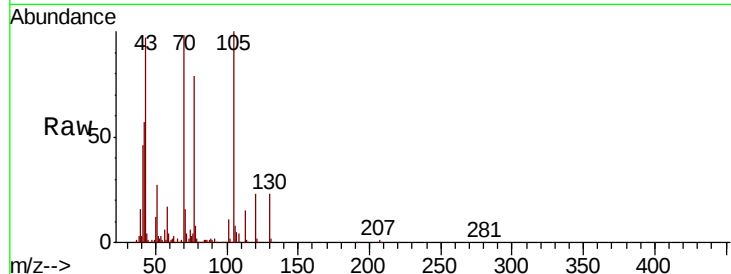
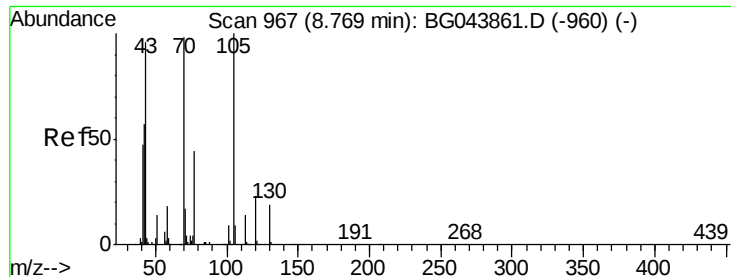
mohammad
1/14/2020 12:24:50 PM



#18
Hexachloroethane
Concen: 44.773 ng
RT: 9.03 min Scan# 1012
Delta R.T. -0.02 min
Lab File: BG044018.D
Acq: 13 Jan 2020 19:00

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	97.4	78.1	117.1	
201	107.7	78.6	117.8	





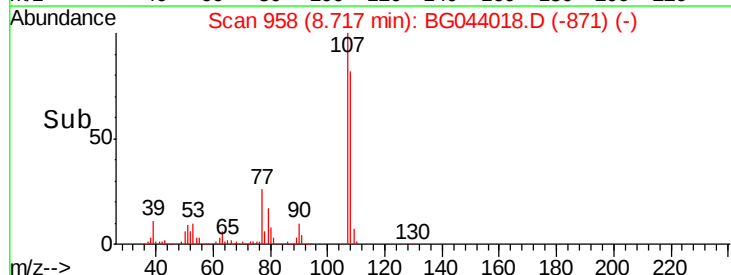
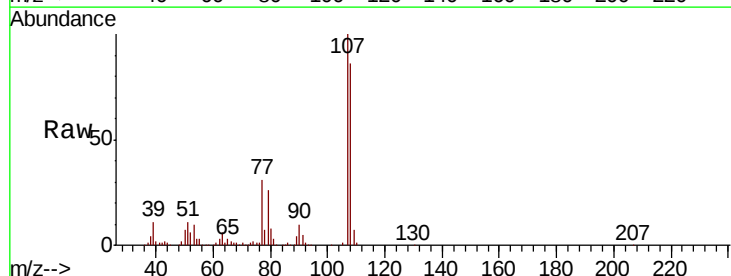
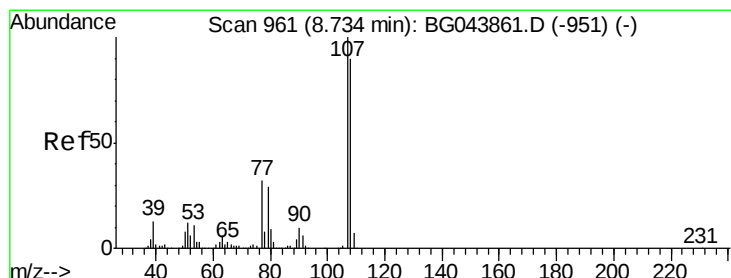
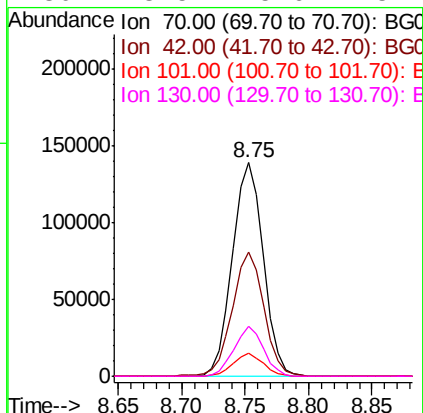
#19
n-Nitroso-di-n-propylamine
Concen: 41.783 ng
RT: 8.75 min Scan# 964
Delta R.T. -0.02 min
Lab File: BG044018.D
Acq: 13 Jan 2020 19:00

Instrument :
BNA_G
ClientSampleId :
PB126034BSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	57.9	47.0	70.4
101	11.0	7.2	10.8
130	23.5	15.6	23.4

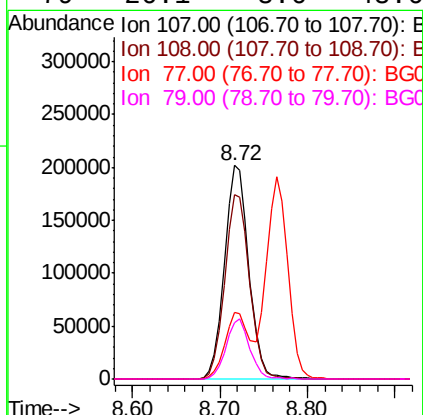
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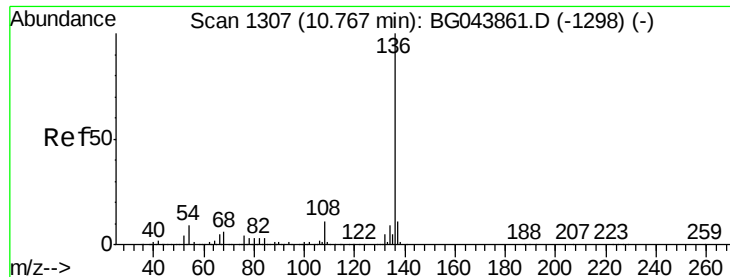
mohammad
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#20
3+4-Methylphenols
Concen: 49.292 ng
RT: 8.72 min Scan# 958
Delta R.T. -0.02 min
Lab File: BG044018.D
Acq: 13 Jan 2020 19:00

Tgt Ion	Ratio	Lower	Upper
107	100		
108	86.3	70.3	110.3
77	31.0	12.4	52.4
79	26.1	8.6	48.6





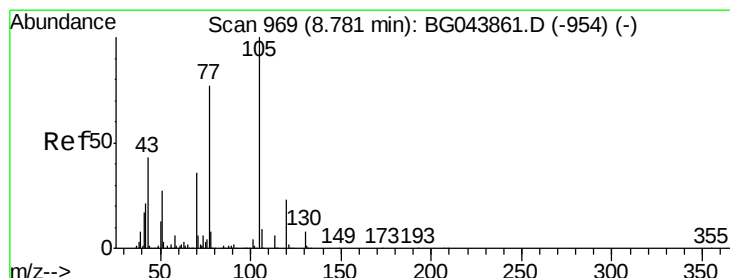
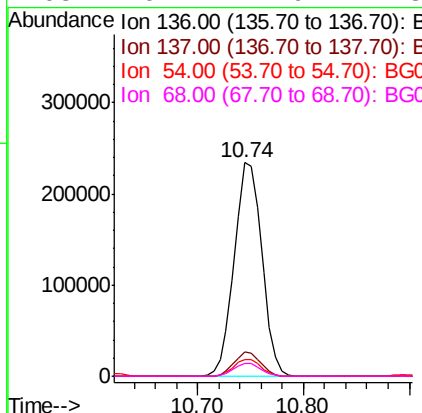
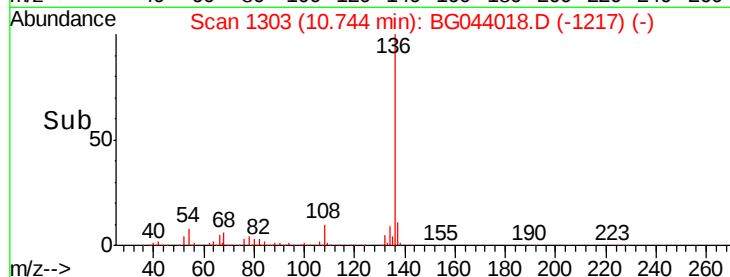
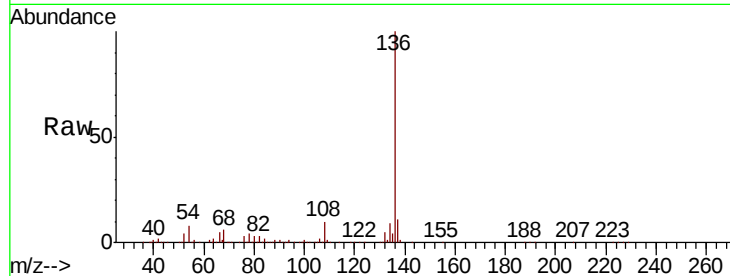
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.74 min Scan# 1303
Delta R.T. -0.02 min
Lab File: BG044018.D
Acq: 13 Jan 2020 19:00

Instrument :
BNA_G
ClientSampleId :
PB126034BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		424314		
137	11.2	8.8	13.2		
54	7.8	7.0	10.4		
68	6.2	4.9	7.3		

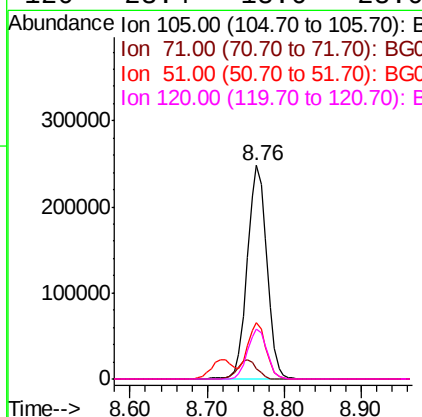
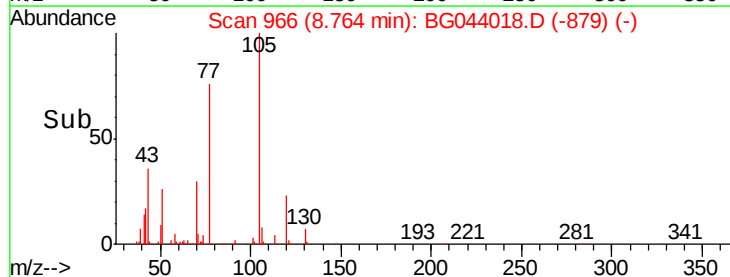
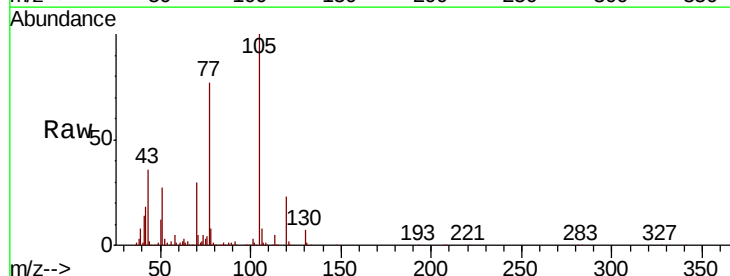
Manual Integrations
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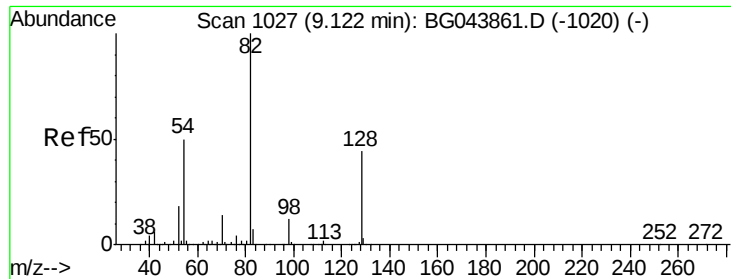
mohammad
1/14/2020 12:24:50 PM



#22
Acetophenone
Concen: 41.959 ng
RT: 8.76 min Scan# 966
Delta R.T. -0.02 min
Lab File: BG044018.D
Acq: 13 Jan 2020 19:00

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		442622		
71	5.0	4.8	7.2		
51	26.6	21.4	32.0		
120	23.4	18.6	28.0		





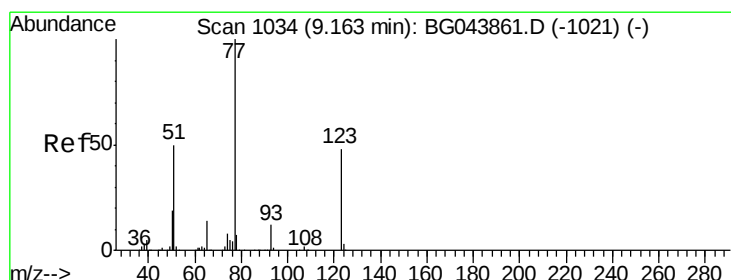
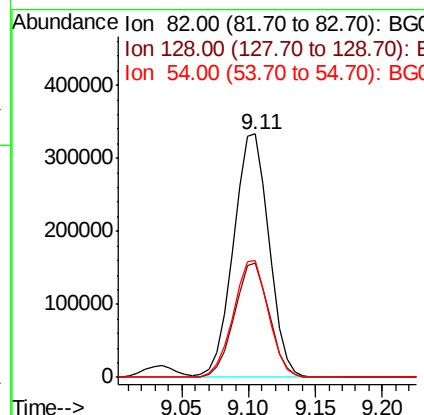
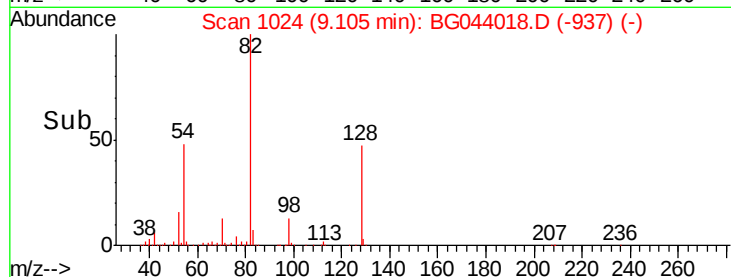
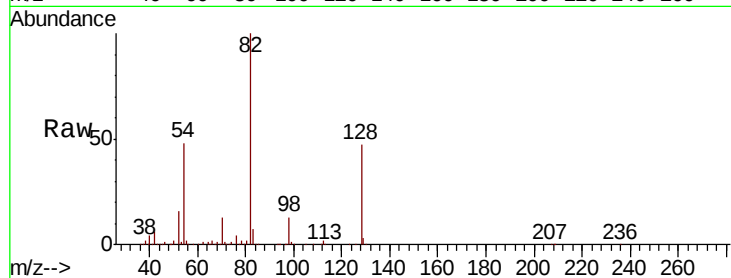
#23
 Nitrobenzene-d5
 Concen: 77.734 ng
 RT: 9.11 min Scan# 1024
 Delta R.T. -0.02 min
 Lab File: BG044018.D
 Acq: 13 Jan 2020 19:00

Instrument :
 BNA_G
 ClientSampleId :
 PB126034BSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	47.0	35.1	52.7
54	47.9	40.1	60.1

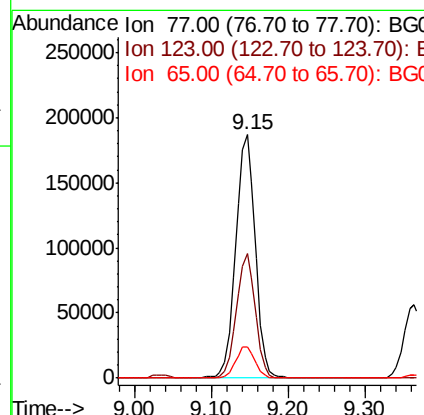
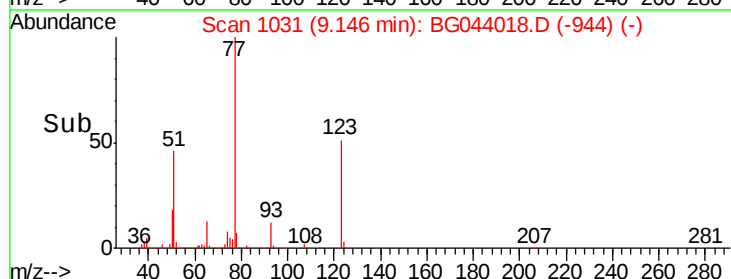
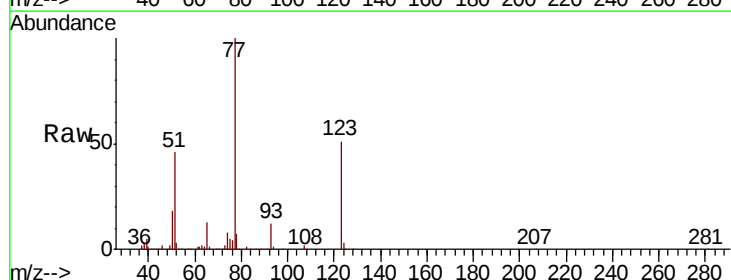
Manual Integrations
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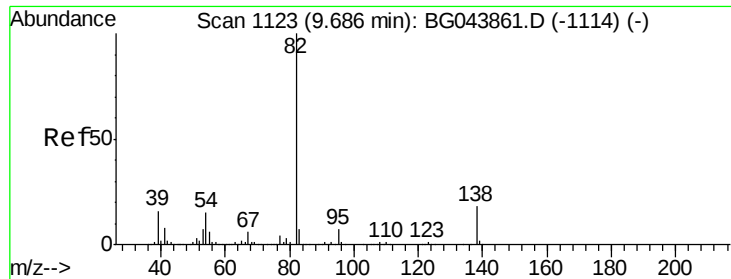
mohammad
 1/14/2020 12:24:50 PM



#24
 Nitrobenzene
 Concen: 42.275 ng
 RT: 9.15 min Scan# 1031
 Delta R.T. -0.02 min
 Lab File: BG044018.D
 Acq: 13 Jan 2020 19:00

Tgt Ion	Ratio	Lower	Upper
77	100		
123	51.0	38.7	58.1
65	12.7	11.1	16.7





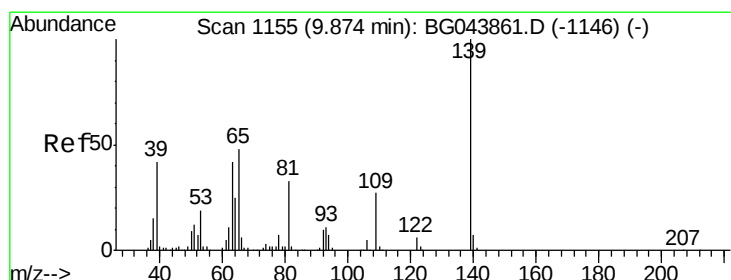
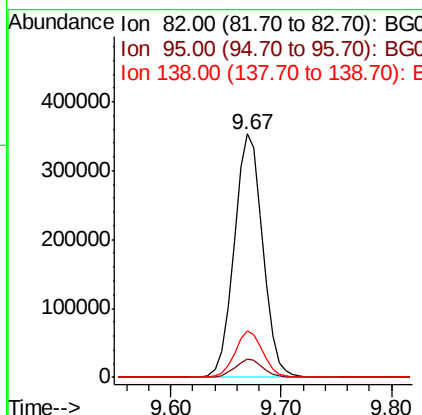
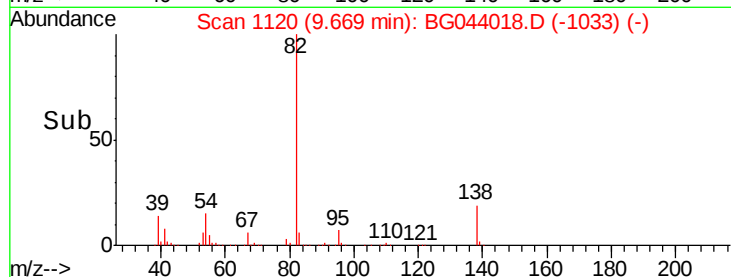
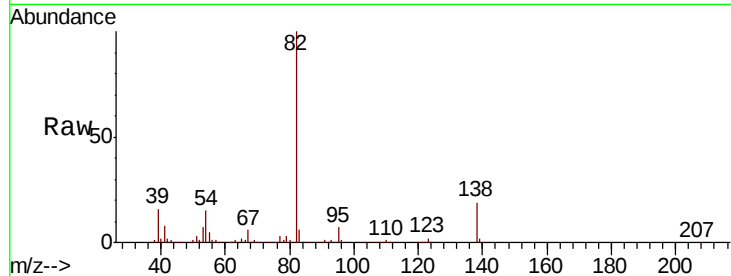
#25
Isophorone
Concen: 42.969 ng
RT: 9.67 min Scan# 1120
Delta R.T. -0.02 min
Lab File: BG044018.D
Acq: 13 Jan 2020 19:00

Instrument :
BNA_G
ClientSampleId :
PB126034BSD

Tot Ion	Ratio	Lower	Upper
82	100		
95	7.3	5.8	8.6
138	19.1	14.6	22.0

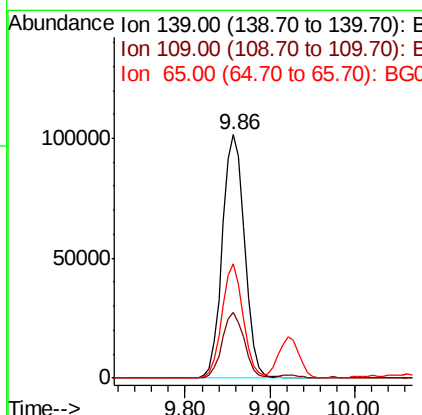
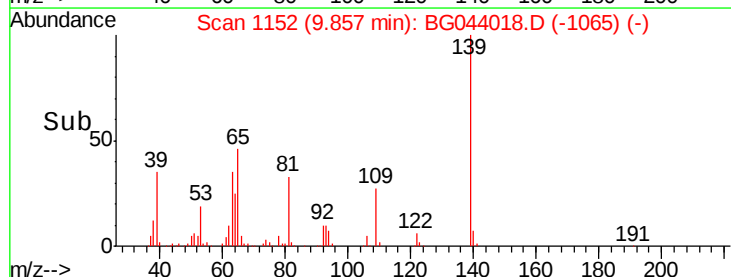
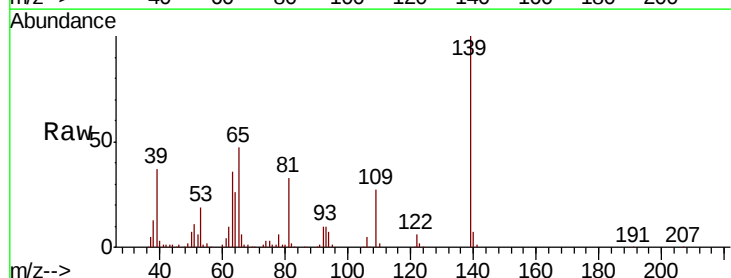
Manual Integrations
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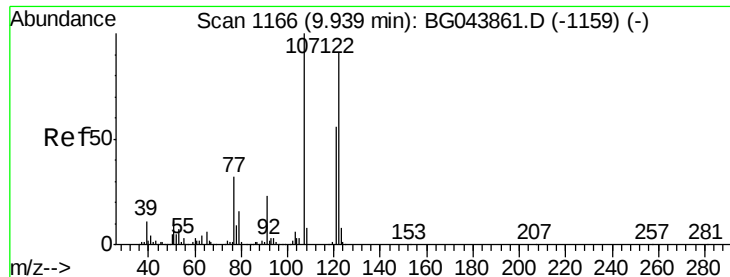
mohammad
1/14/2020 12:24:50 PM



#26
2-Nitrophenol
Concen: 49.726 ng
RT: 9.86 min Scan# 1152
Delta R.T. -0.02 min
Lab File: BG044018.D
Acq: 13 Jan 2020 19:00

Tgt Ion	Ratio	Lower	Upper
139	100		
109	27.2	21.3	31.9
65	47.1	38.6	57.8





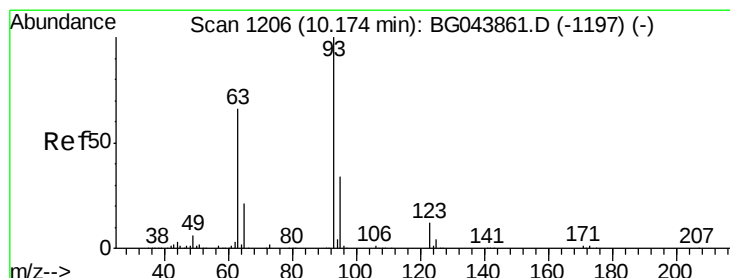
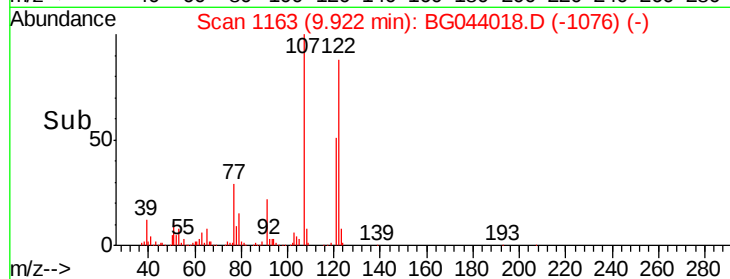
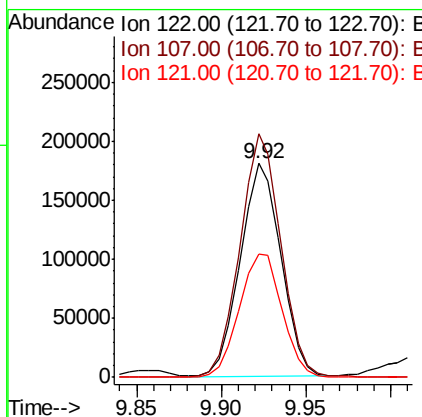
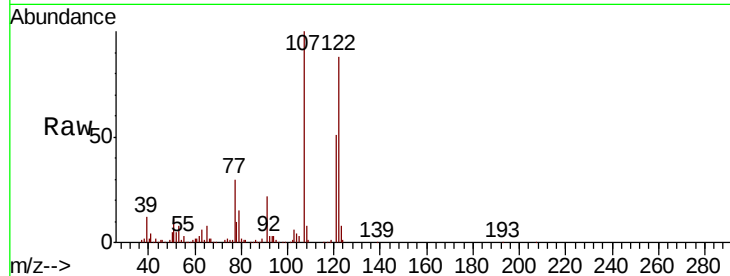
#27
2,4-Dimethylphenol
Concen: 54.283 ng
RT: 9.92 min Scan# 1163
Delta R.T. -0.02 min
Lab File: BG044018.D
Acq: 13 Jan 2020 19:00

Instrument :
BNA_G
ClientSampleId :
PB126034BSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	303696		
107	113.8	88.0	132.0	
121	57.5	49.0	73.4	

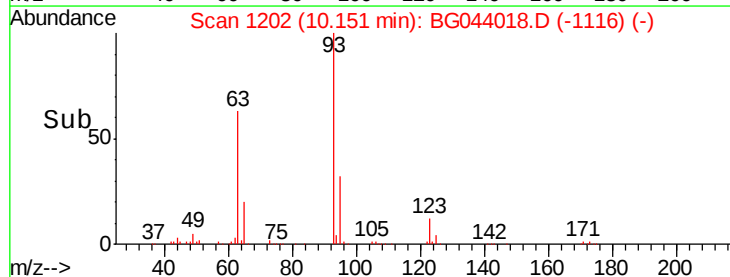
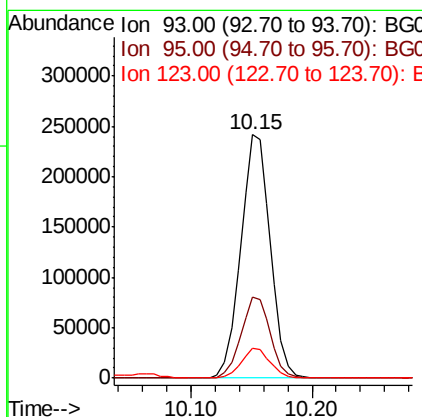
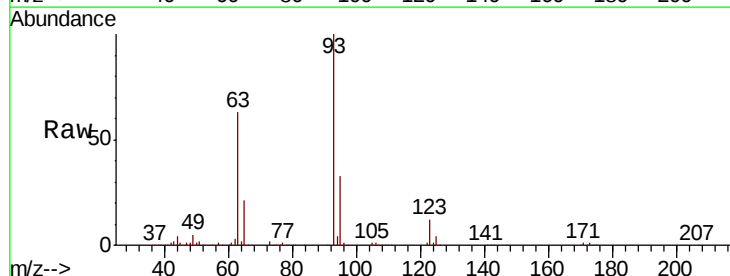
Manual Integrations
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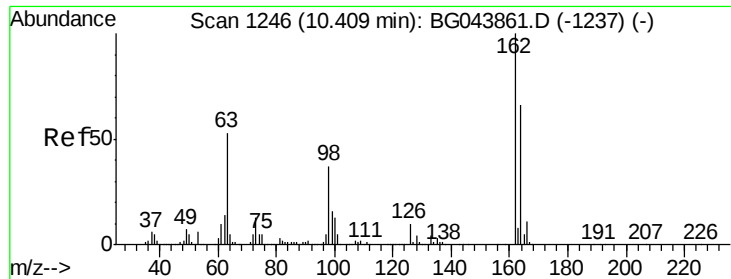
mohammad
1/14/2020 12:24:50 PM



#28
bis(2-Chloroethoxy)methane
Concen: 41.311 ng
RT: 10.15 min Scan# 1202
Delta R.T. -0.02 min
Lab File: BG044018.D
Acq: 13 Jan 2020 19:00

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	409835		
95	33.1	27.2	40.8	
123	12.4	9.7	14.5	





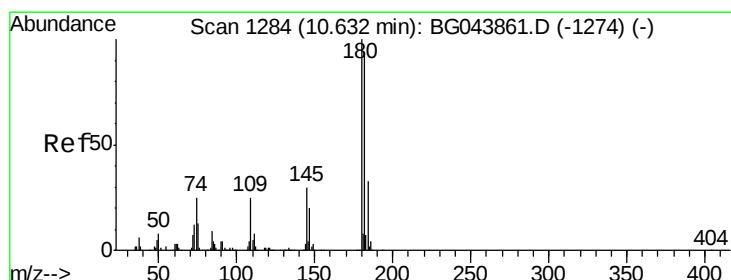
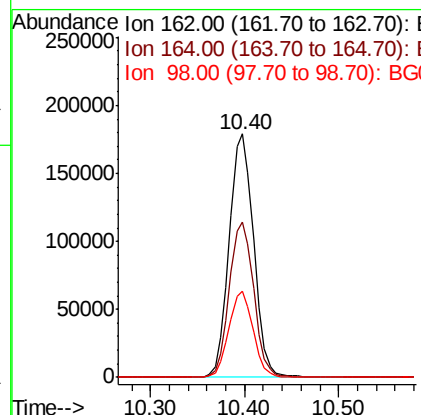
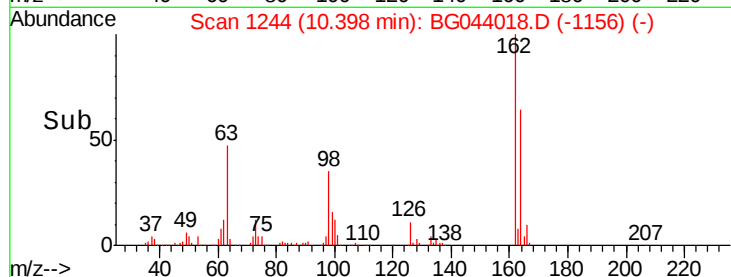
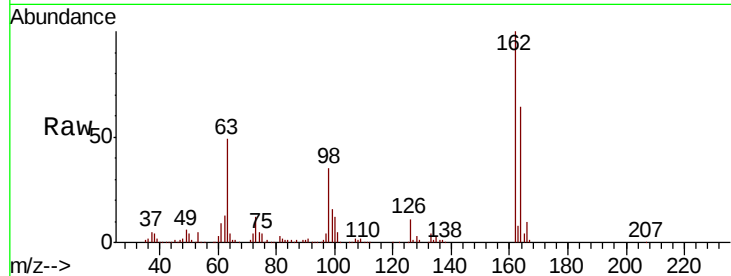
#29
2,4-Dichlorophenol
Concen: 48.557 ng
RT: 10.40 min Scan# 1244
Delta R.T. -0.01 min
Lab File: BG044018.D
Acq: 13 Jan 2020 19:00

Instrument :
BNA_G
ClientSampleId :
PB126034BSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	324047		
164	63.9	46.3	86.3	
98	35.3	17.3	57.3	

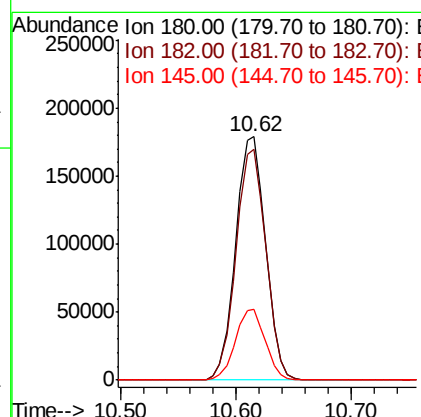
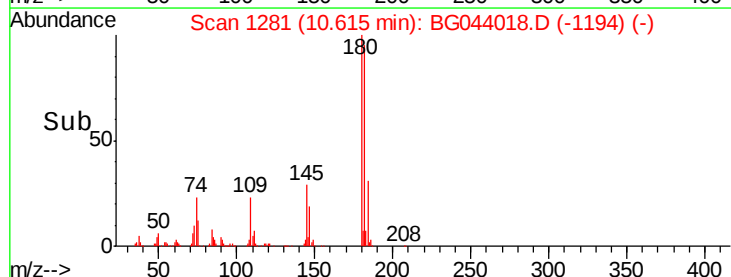
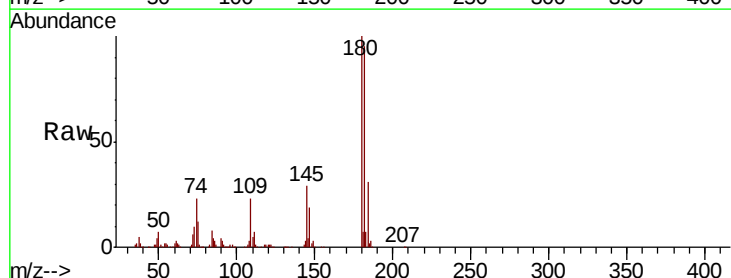
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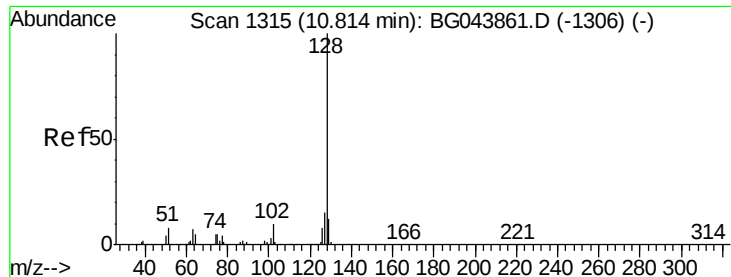
mohammad
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#30
1,2,4-Trichlorobenzene
Concen: 42.876 ng
RT: 10.62 min Scan# 1281
Delta R.T. -0.02 min
Lab File: BG044018.D
Acq: 13 Jan 2020 19:00

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	320830		
182	94.6	75.0	112.4	
145	28.9	24.2	36.4	





#31

Naphthalene

Concen: 45.499 ng

RT: 10.80 min Scan# 1312

Delta R.T. -0.02 min

Lab File: BG044018.D

Acq: 13 Jan 2020 19:00

Instrument :

BNA_G

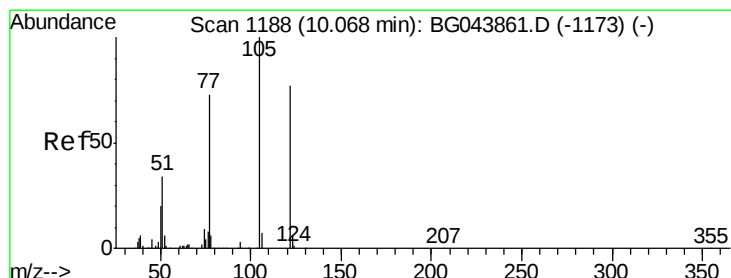
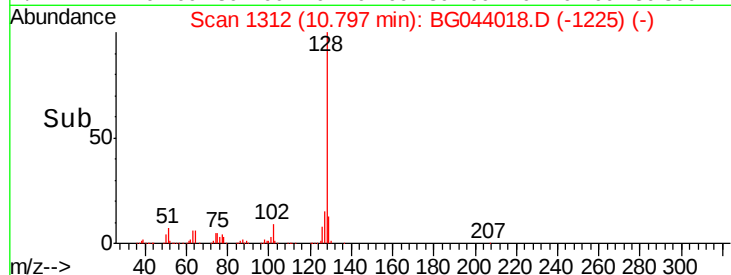
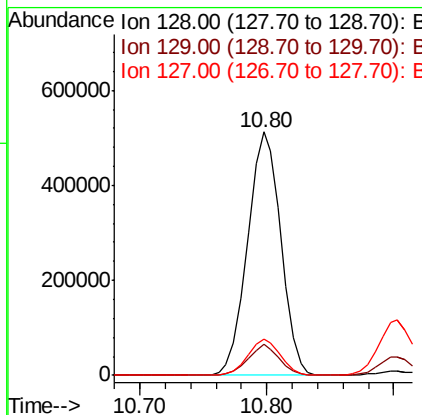
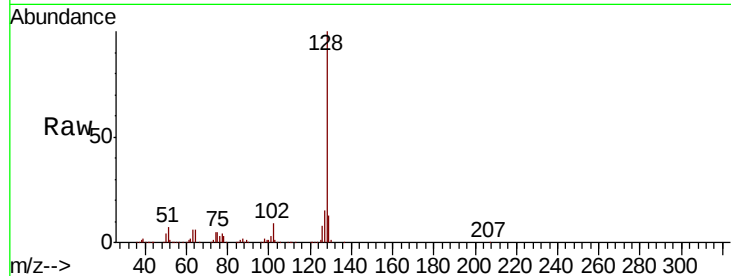
ClientSampleId :

PB126034BSD

Tot Ion:	128	Resp:	934238
Ion Ratio	Lower	Upper	
128	100		
129	12.5	9.8	14.6
127	14.9	12.0	18.0

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#32

Benzoic acid

Concen: 37.559 ng

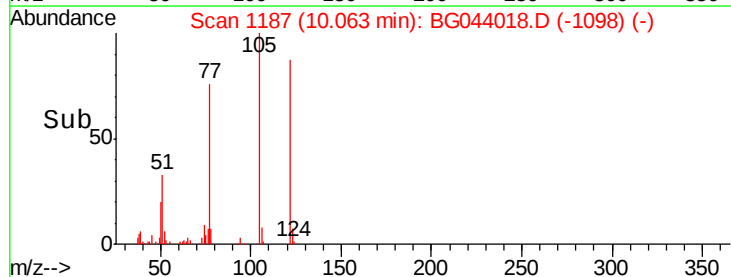
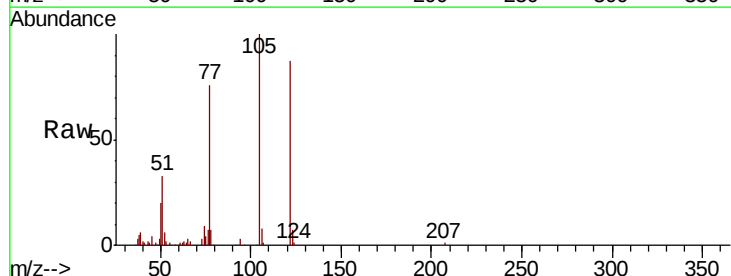
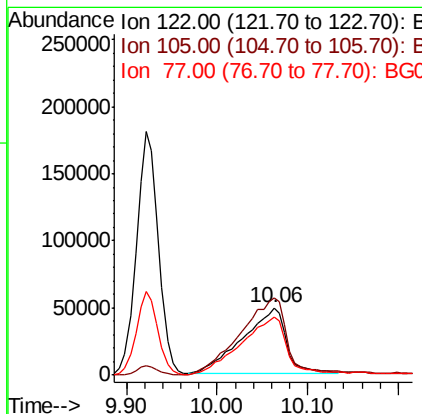
RT: 10.06 min Scan# 1187

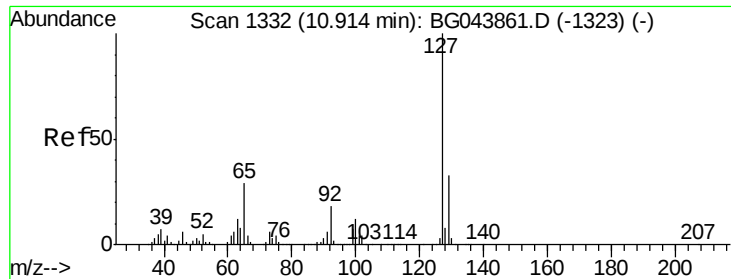
Delta R.T. -0.00 min

Lab File: BG044018.D

Acq: 13 Jan 2020 19:00

Tgt Ion:	122	Resp:	163985
Ion Ratio	Lower	Upper	
122	100		
105	114.5	106.4	146.4
77	86.7	74.6	114.6





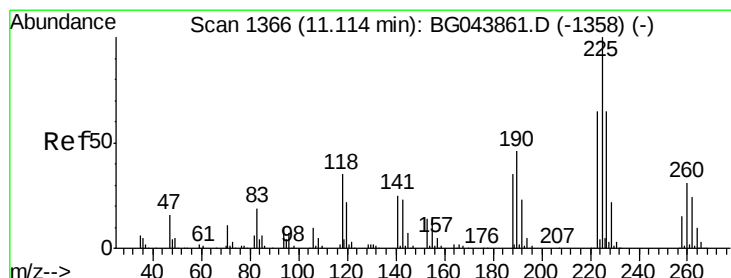
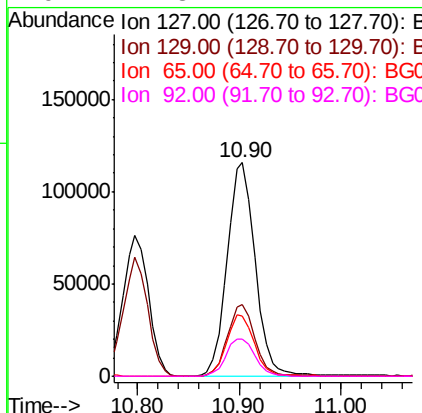
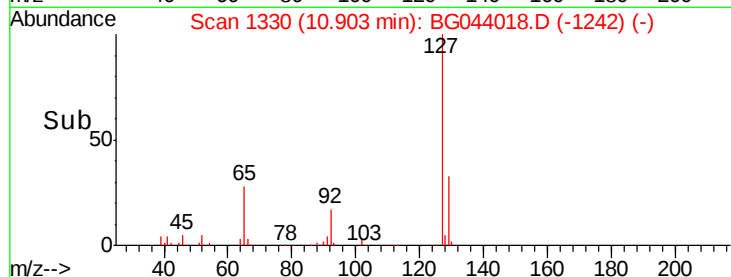
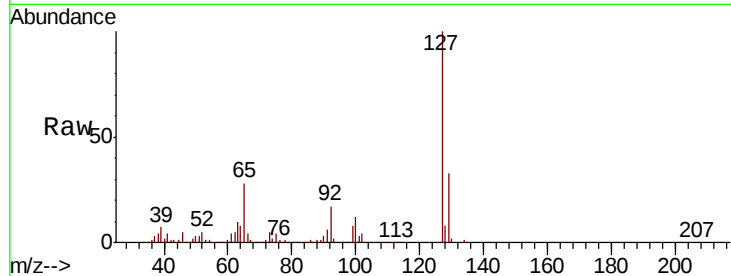
#33
4-Chloroaniline
Concen: 22.602 ng
RT: 10.90 min Scan# 1330
Delta R.T. -0.01 min
Lab File: BG044018.D
Acq: 13 Jan 2020 19:00

Instrument :
BNA_G
ClientSampleId :
PB126034BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	33.4	26.6	40.0		
65	28.3	23.3	34.9		
92	17.3	14.7	22.1		

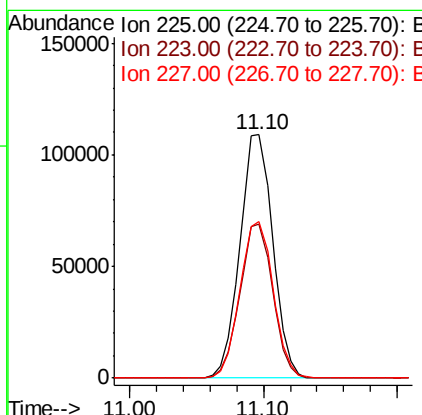
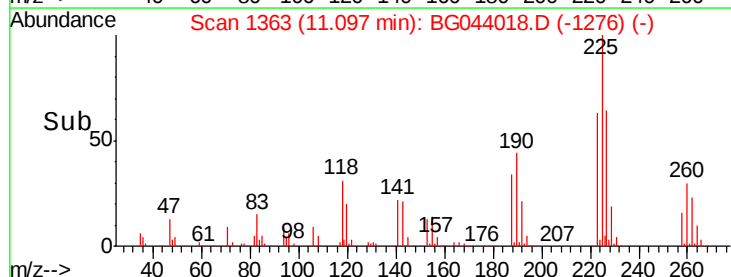
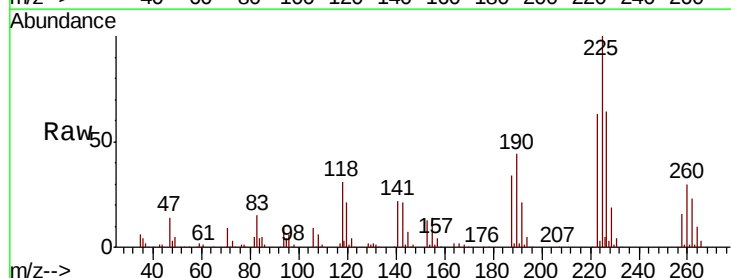
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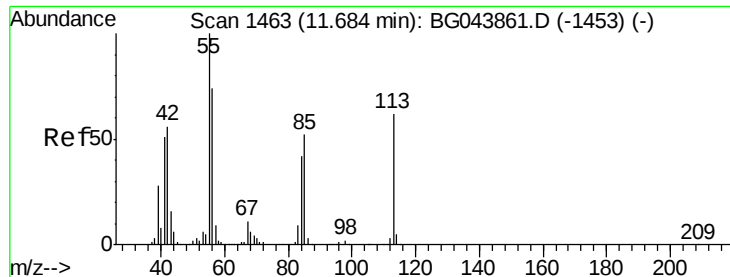
mohammad
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#34
Hexachlorobutadiene
Concen: 40.680 ng
RT: 11.10 min Scan# 1363
Delta R.T. -0.02 min
Lab File: BG044018.D
Acq: 13 Jan 2020 19:00

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.4	52.2	78.4		
227	64.4	52.1	78.1		





#35

Caprolactam

Concen: 47.349 ng/mL

RT: 11.67 min Scan# 1461

Delta R.T. -0.01 min

Lab File: BG044018.D

Acq: 13 Jan 2020 19:00

Instrument :

BNA_G

ClientSampleId :

PB126034BSD

Tot Ion:113 Resp: 117630

Ion Ratio Lower Upper

113 100

55 147.7 142.5 182.5

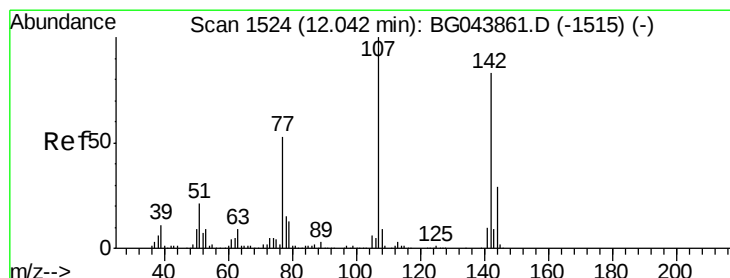
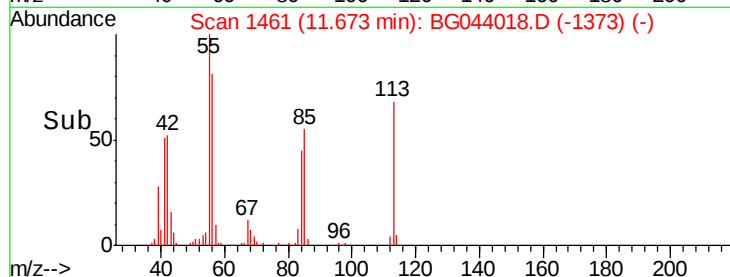
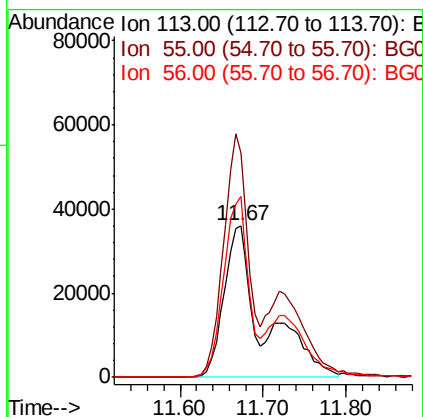
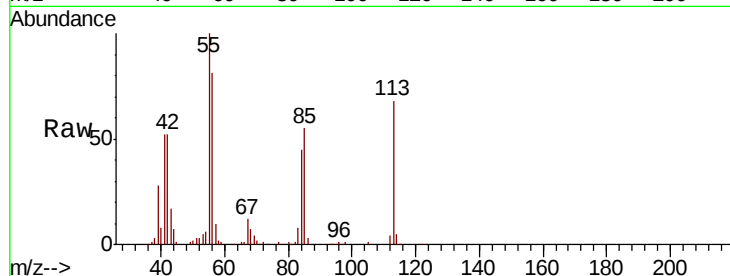
56 119.2 101.4 141.4

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#36

4-Chloro-3-methylphenol

Concen: 47.193 ng/mL

RT: 12.03 min Scan# 1522

Delta R.T. -0.01 min

Lab File: BG044018.D

Acq: 13 Jan 2020 19:00

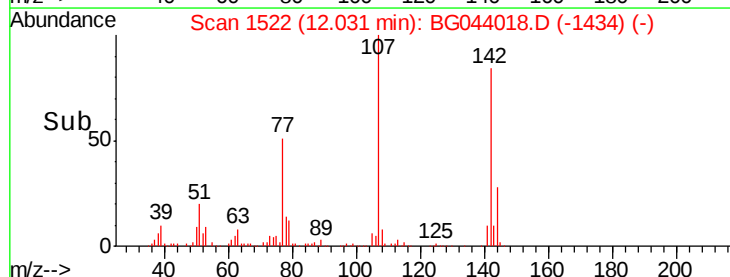
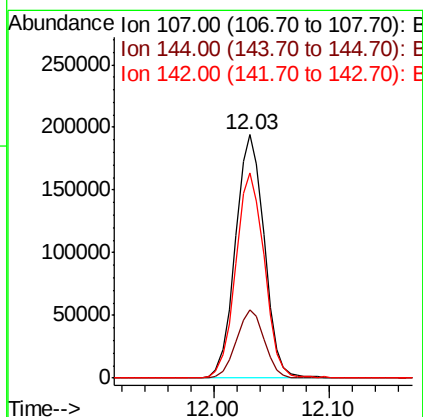
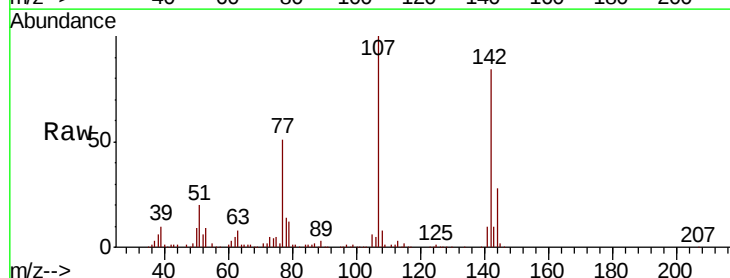
Tgt Ion:107 Resp: 335276

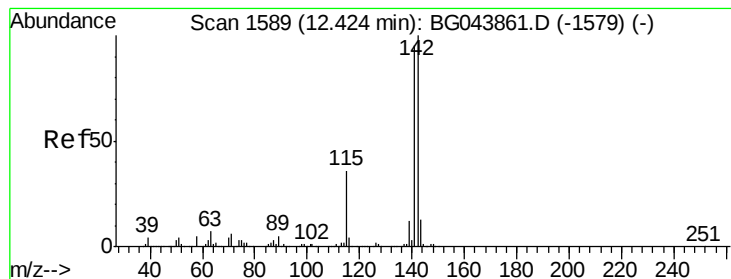
Ion Ratio Lower Upper

107 100

144 27.8 23.4 35.2

142 84.4 66.3 99.5





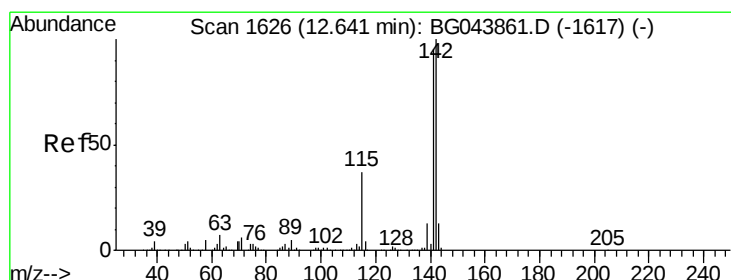
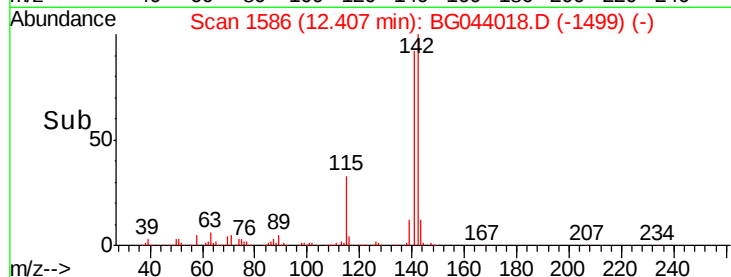
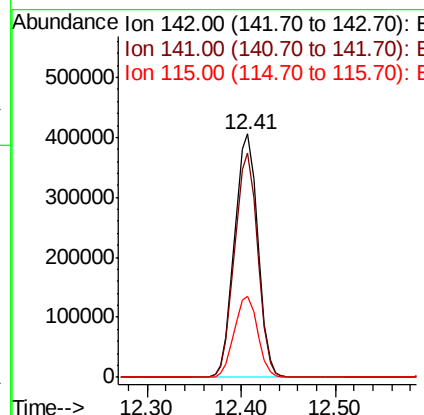
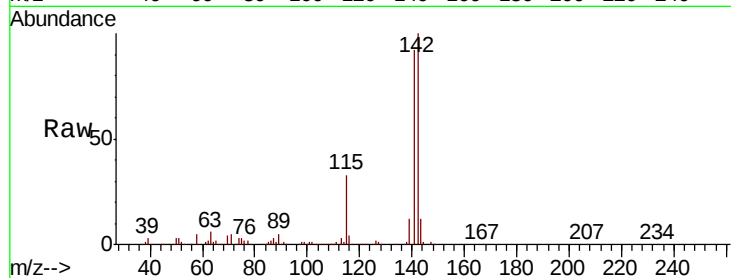
#37
2-Methylnaphthalene
Concen: 45.483 ng
RT: 12.41 min Scan# 1586
Delta R.T. -0.02 min
Lab File: BG044018.D
Acq: 13 Jan 2020 19:00

Instrument :
BNA_G
ClientSampleID :
PB126034BSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	92.3	75.8	113.8
115	33.1	28.6	42.8

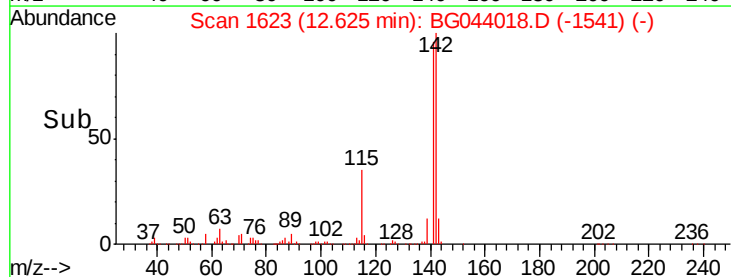
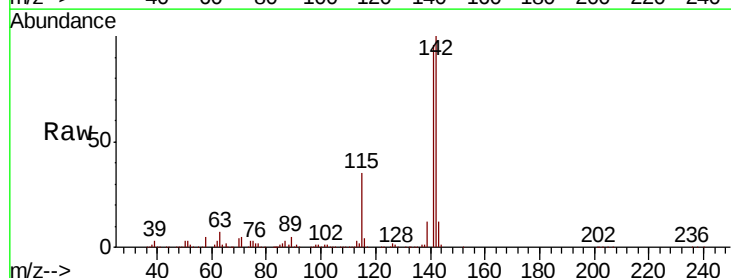
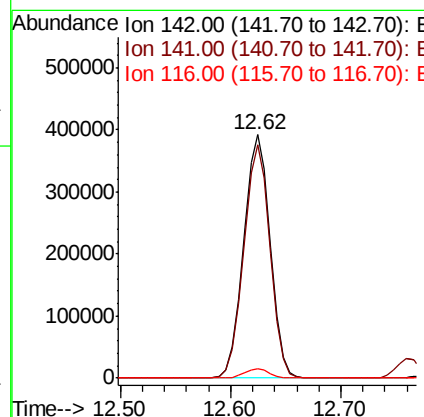
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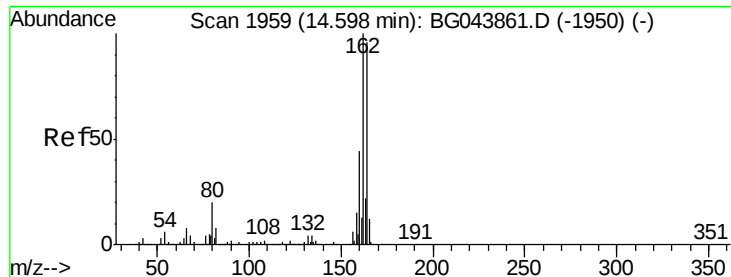
mohammad
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#38
1-Methylnaphthalene
Concen: 44.962 ng
RT: 12.62 min Scan# 1623
Delta R.T. -0.02 min
Lab File: BG044018.D
Acq: 13 Jan 2020 19:00

Tgt Ion	Ratio	Lower	Upper
142	100		
141	95.7	76.0	114.0
116	3.7	3.1	4.7





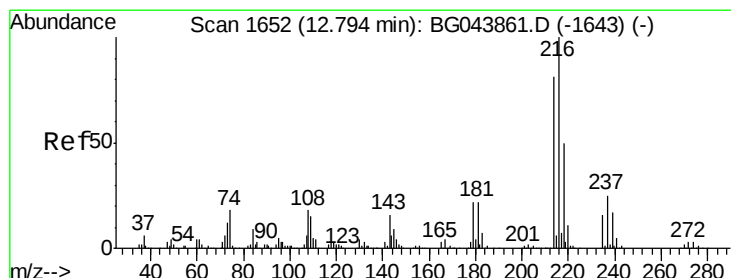
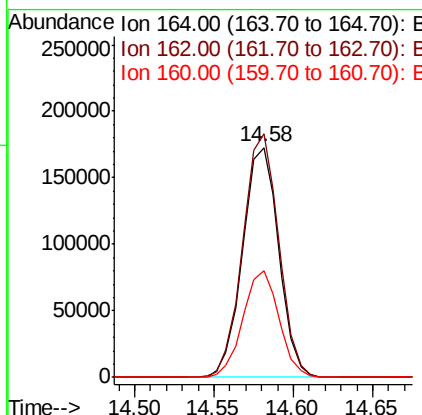
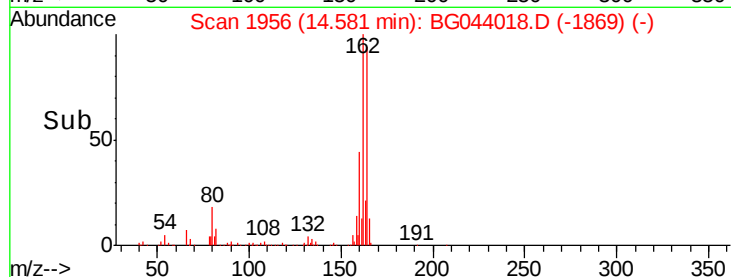
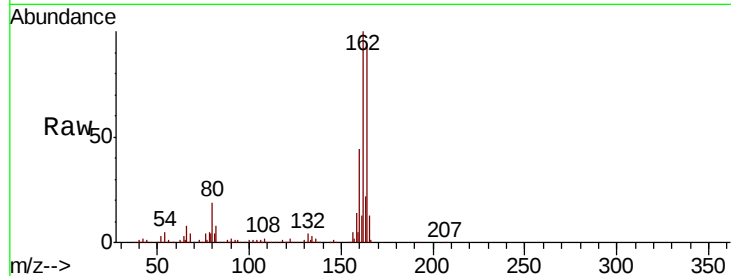
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.58 min Scan# 1956
Delta R.T. -0.02 min
Lab File: BG044018.D
Acq: 13 Jan 2020 19:00

Instrument :
BNA_G
ClientSampleId :
PB126034BSD

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	106.1	83.0	124.4	
160	46.3	36.1	54.1	

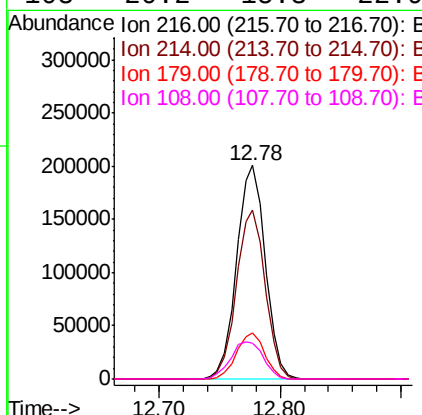
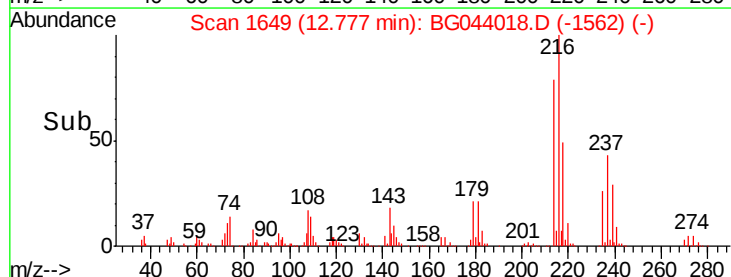
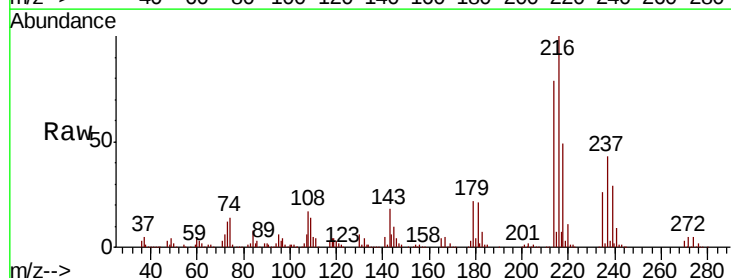
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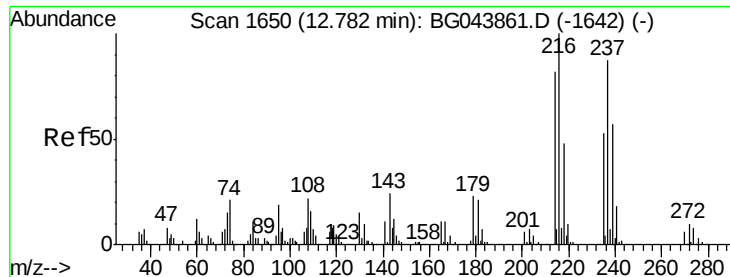
mohammad
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.380 ng
RT: 12.78 min Scan# 1649
Delta R.T. -0.02 min
Lab File: BG044018.D
Acq: 13 Jan 2020 19:00

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	79.4	63.8	95.8	
179	21.2	17.3	25.9	
108	20.2	15.3	22.9	





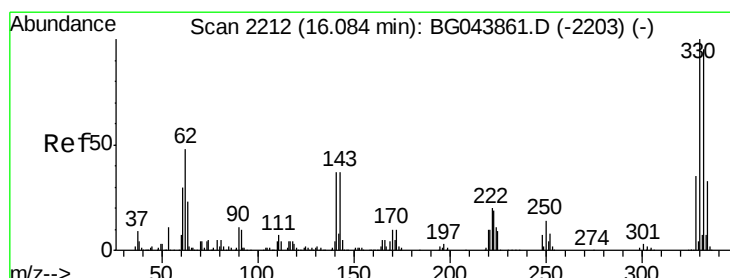
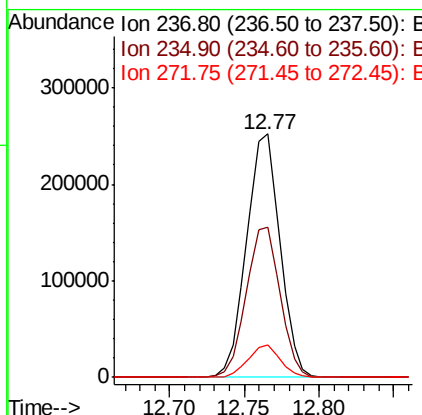
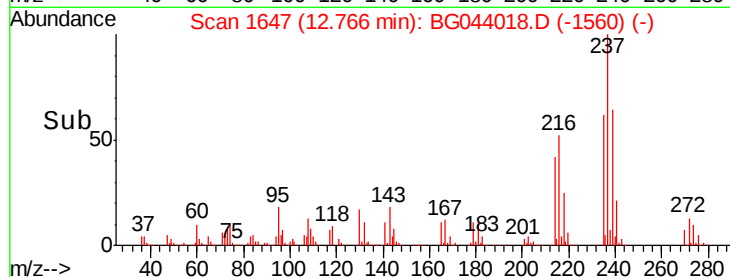
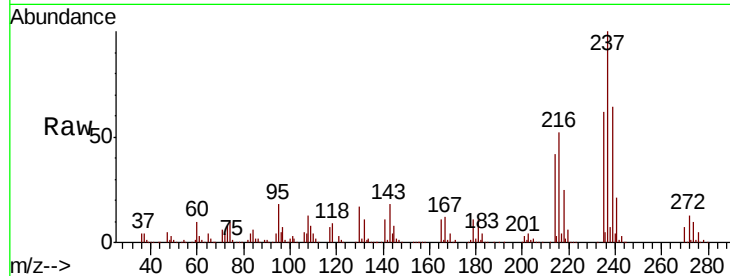
#41
Hexachlorocyclopentadiene
Concen: 93.933 ng
RT: 12.77 min Scan# 1647
Delta R.T. -0.02 min
Lab File: BG044018.D
Acq: 13 Jan 2020 19:00

Instrument :
BNA_G
ClientSampleId :
PB126034BSD

Tot Ion	Ratio	Resp Lower	Upper
237	100		
235	61.8	41.1	81.1
272	13.2	0.0	31.7

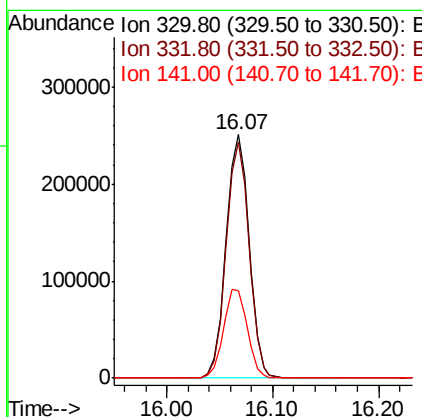
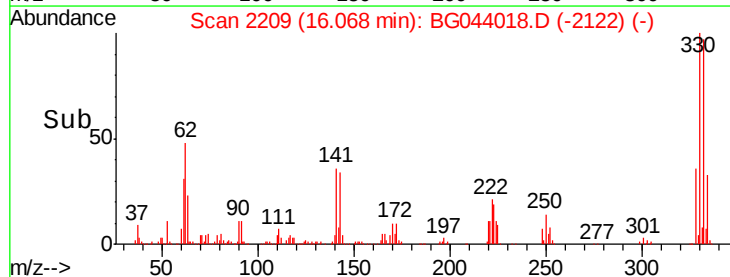
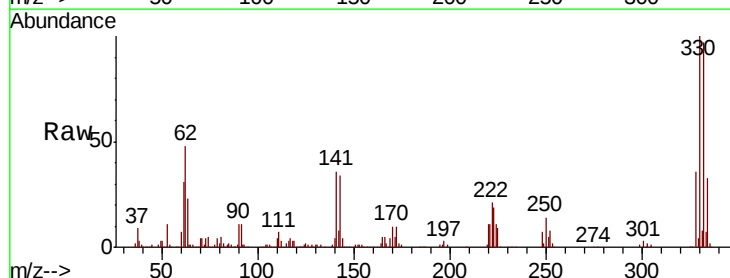
Manual Integrations
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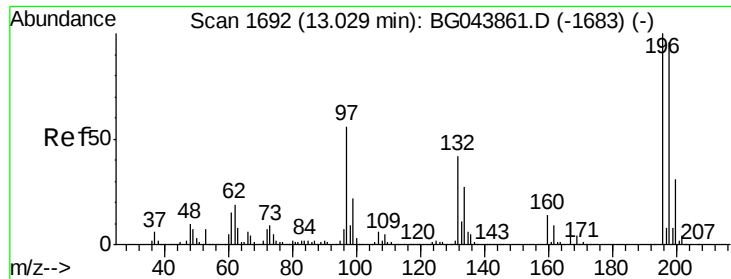
mohammad
1/14/2020 12:24:50 PM



#42
2,4,6-Tribromophenol
Concen: 132.301 ng
RT: 16.07 min Scan# 2209
Delta R.T. -0.02 min
Lab File: BG044018.D
Acq: 13 Jan 2020 19:00

Tgt Ion	Ratio	Resp Lower	Upper
330	100		
332	96.3	77.2	115.8
141	37.7	33.1	49.7





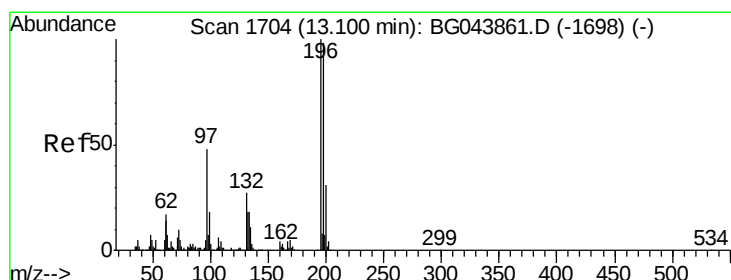
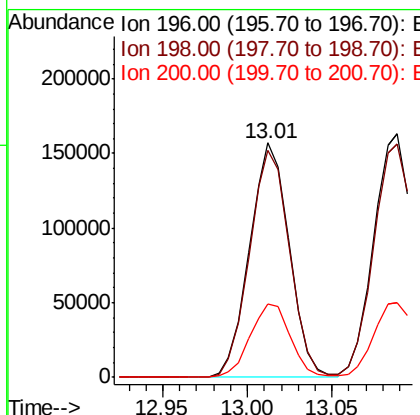
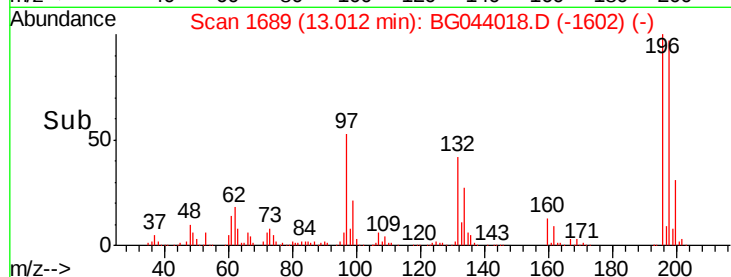
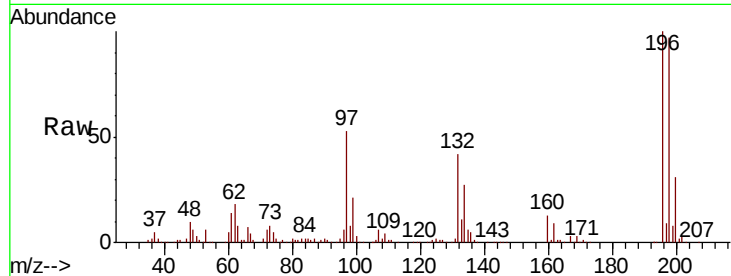
#43
 2,4,6-Trichlorophenol
 Concen: 46.563 ng
 RT: 13.01 min Scan# 1689
 Delta R.T. -0.02 min
 Lab File: BG044018.D
 Acq: 13 Jan 2020 19:00

Instrument :
 BNA_G
 ClientSampleId :
 PB126034BSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	256640		
198	96.9	76.6	115.0	
200	31.3	24.6	37.0	

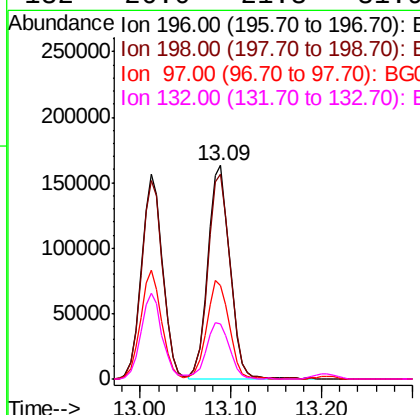
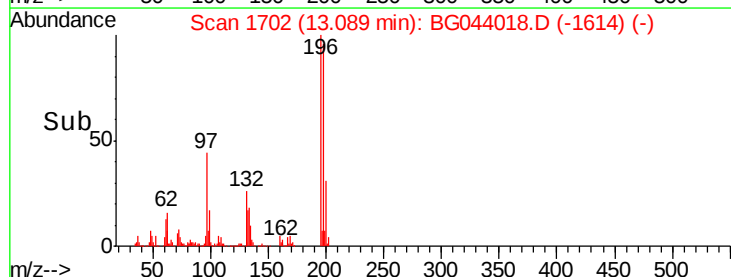
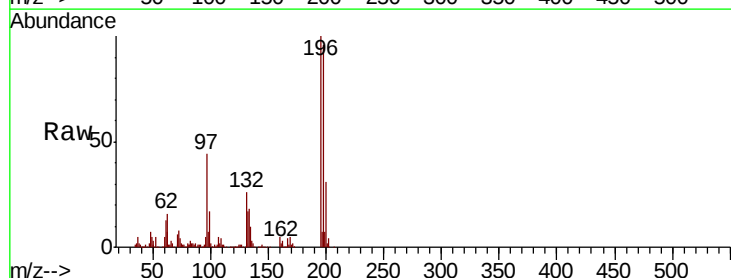
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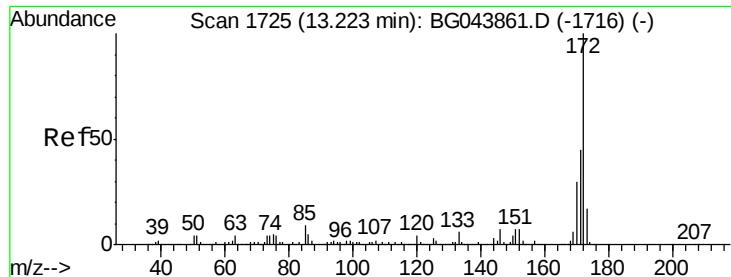
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#44
 2,4,5-Trichlorophenol
 Concen: 48.425 ng
 RT: 13.09 min Scan# 1702
 Delta R.T. -0.01 min
 Lab File: BG044018.D
 Acq: 13 Jan 2020 19:00

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	275279		
198	96.0	78.3	117.5	
97	43.8	38.8	58.2	
132	26.0	21.3	31.9	





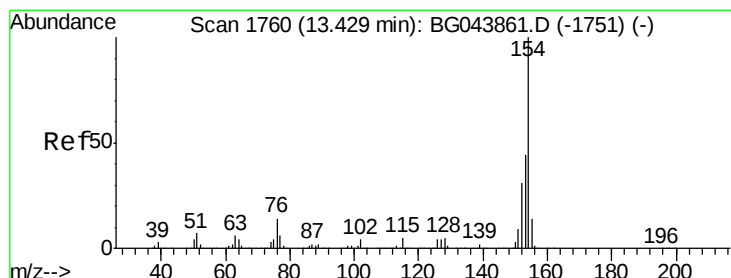
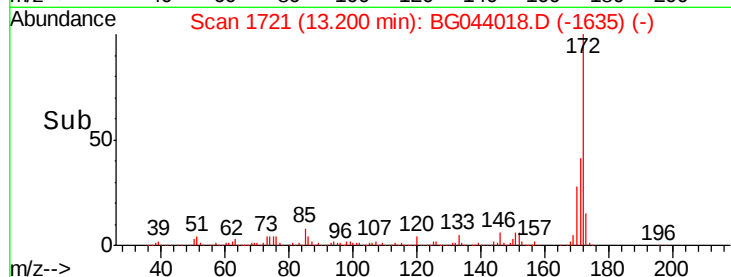
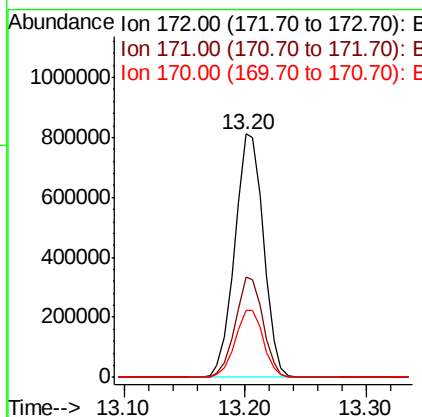
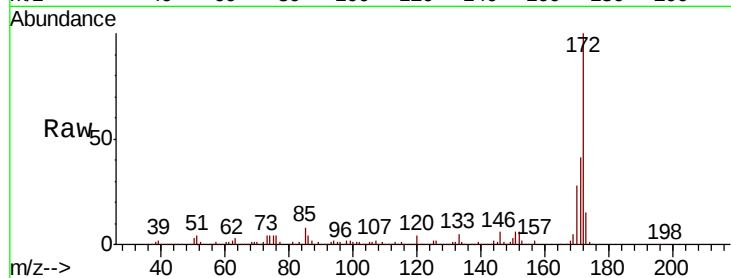
#45
2-Fluorobiphenyl
Concen: 88.954 ng
RT: 13.20 min Scan# 1721
Delta R.T. -0.02 min
Lab File: BG044018.D
Acq: 13 Jan 2020 19:00

Instrument :
BNA_G
ClientSampleId :
PB126034BSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	41.1	35.8	53.8
170	27.7	24.2	36.4

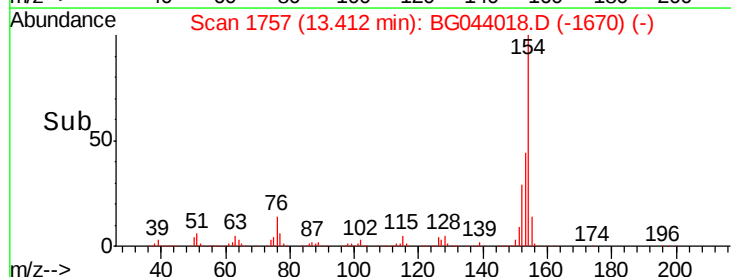
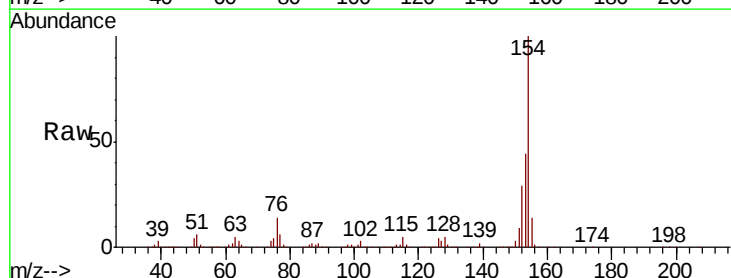
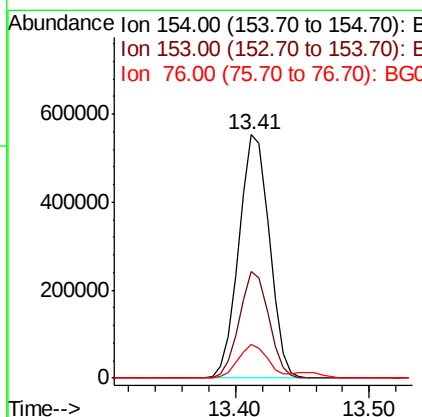
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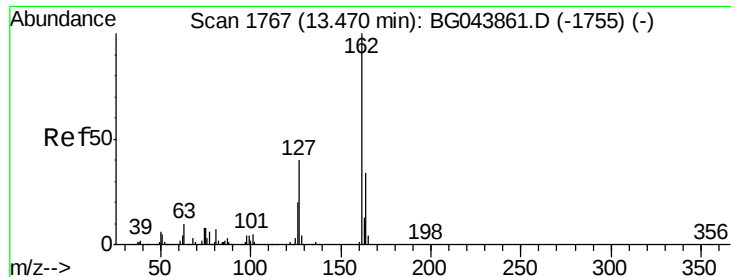
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#46
1,1'-Biphenyl
Concen: 44.653 ng
RT: 13.41 min Scan# 1757
Delta R.T. -0.02 min
Lab File: BG044018.D
Acq: 13 Jan 2020 19:00

Tgt Ion	Ratio	Lower	Upper
154	100		
153	43.6	23.6	63.6
76	14.0	0.0	34.4





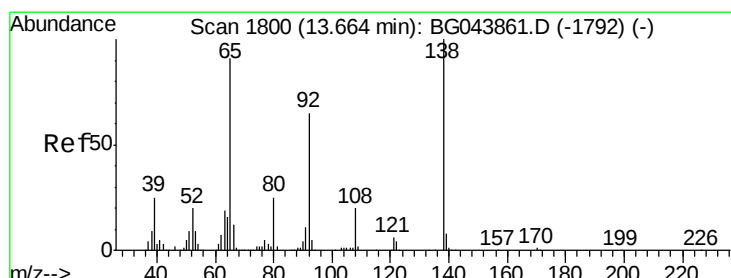
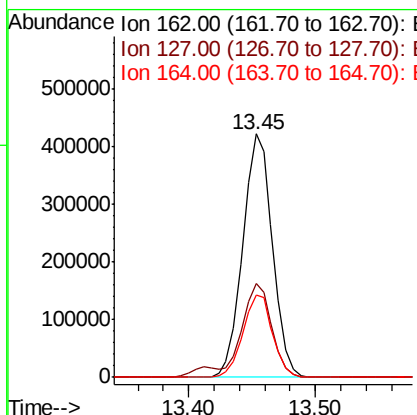
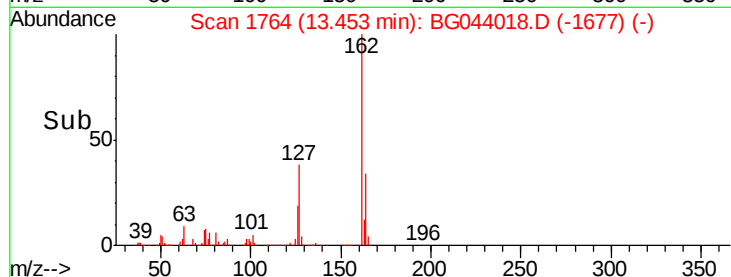
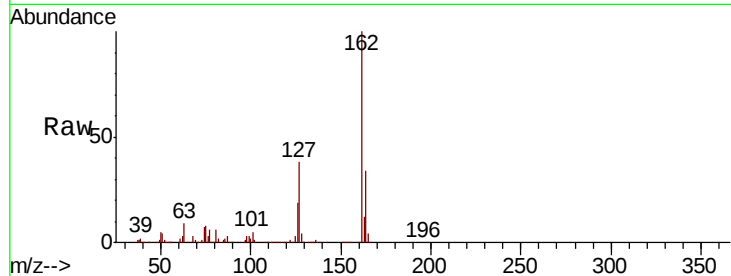
#47
 2-Chloronaphthalene
 Concen: 43.134 ng
 RT: 13.45 min Scan# 1764
 Delta R.T. -0.02 min
 Lab File: BG044018.D
 Acq: 13 Jan 2020 19:00

Instrument :
 BNA_G
 ClientSampleId :
 PB126034BSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	682980		
127	38.5		32.1	48.1
164	34.0		27.5	41.3

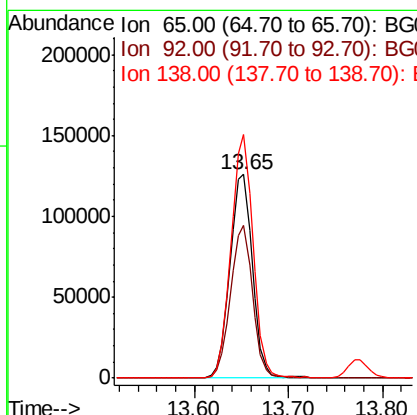
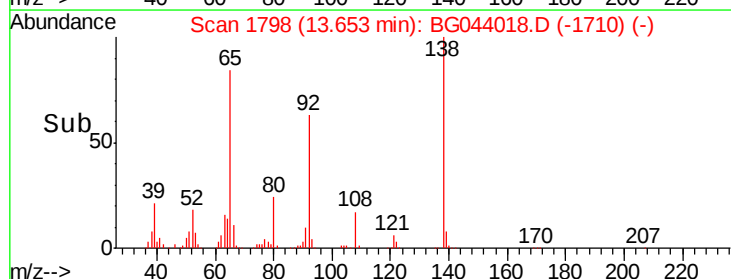
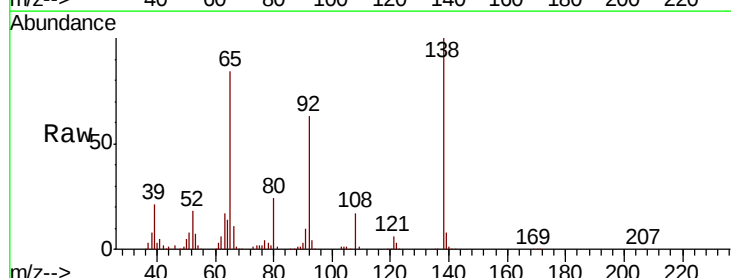
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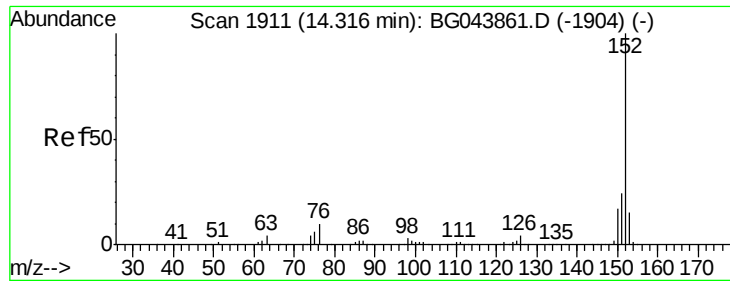
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#48
 2-Nitroaniline
 Concen: 41.280 ng
 RT: 13.65 min Scan# 1798
 Delta R.T. -0.01 min
 Lab File: BG044018.D
 Acq: 13 Jan 2020 19:00

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	210252		
92	74.8		57.4	86.2
138	119.5		88.2	132.4





#49

Acenaphthylene

Concen: 47.470 ng

RT: 14.30 min Scan# 1908

Delta R.T. -0.02 min

Lab File: BG044018.D

Acq: 13 Jan 2020 19:00

Instrument :

BNA_G

ClientSampleId :

PB126034BSD

Tot Ion:152 Resp: 1080334

Ion Ratio Lower Upper

152 100

151 22.8 19.4 29.2

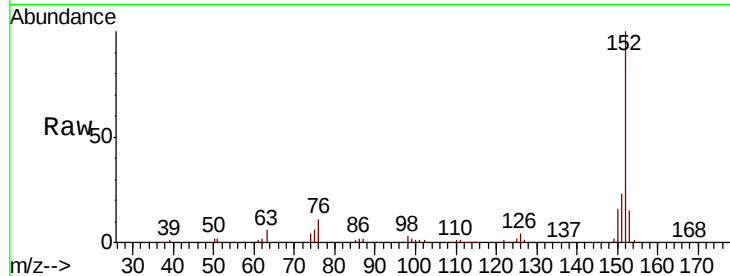
153 14.8 12.0 18.0

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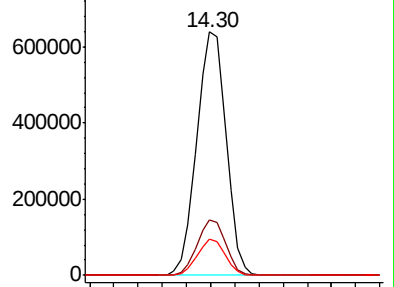
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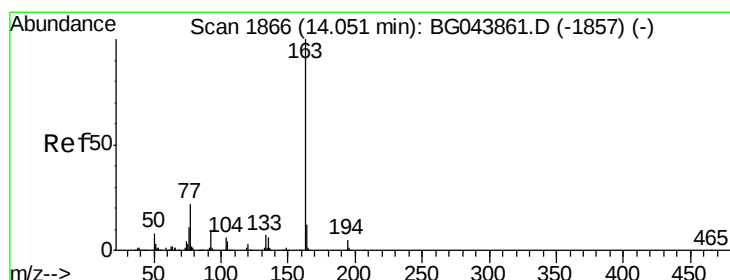
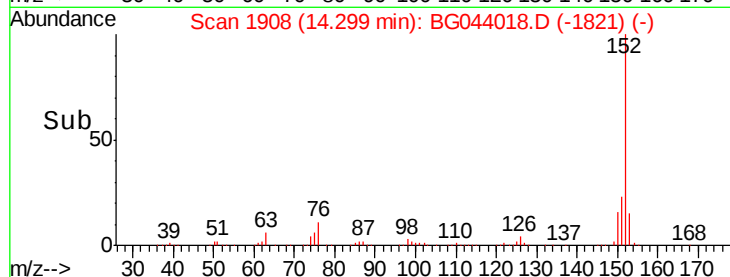
Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



Time--> 14.20 14.30 14.40



#50

Dimethylphthalate

Concen: 45.698 ng

RT: 14.03 min Scan# 1863

Delta R.T. -0.02 min

Lab File: BG044018.D

Acq: 13 Jan 2020 19:00

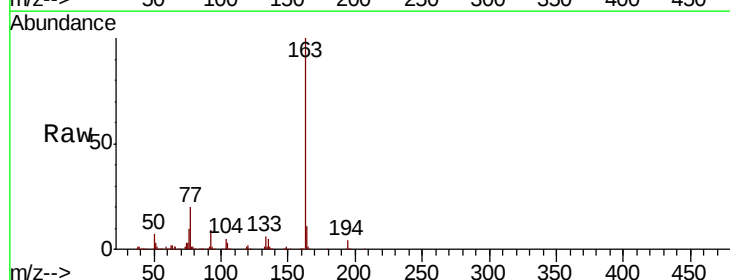
Tgt Ion:163 Resp: 886778

Ion Ratio Lower Upper

163 100

194 4.2 3.7 5.5

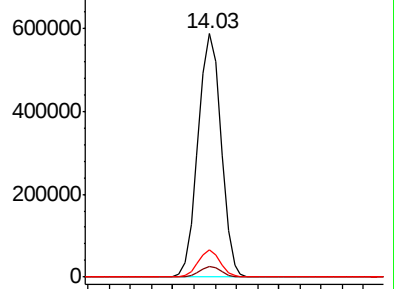
164 11.0 9.3 13.9



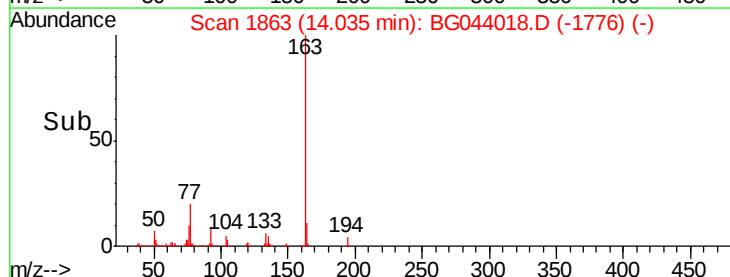
Abundance Ion 163.00 (162.70 to 163.70): E

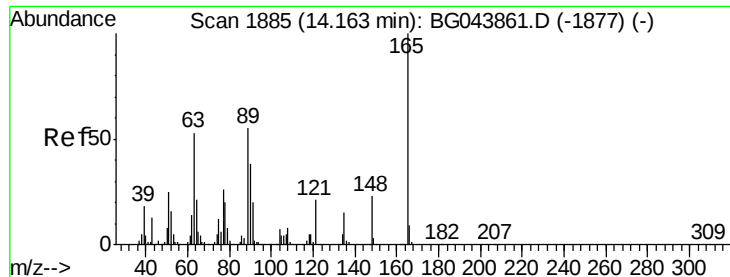
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



Time--> 14.00 14.10





#51

2,6-Dinitrotoluene

Concen: 46.154 ng

RT: 14.15 min Scan# 1882

Delta R.T. -0.02 min

Lab File: BG044018.D

Acq: 13 Jan 2020 19:00

Instrument :

BNA_G

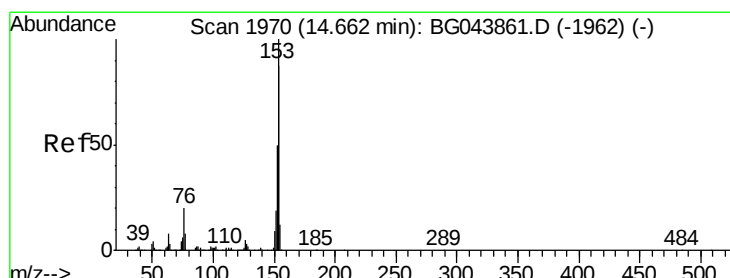
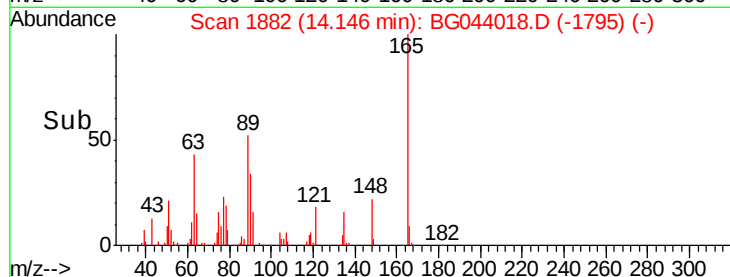
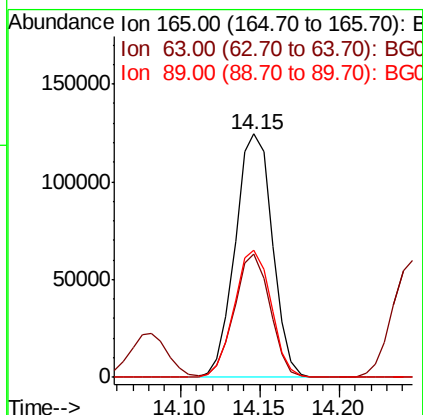
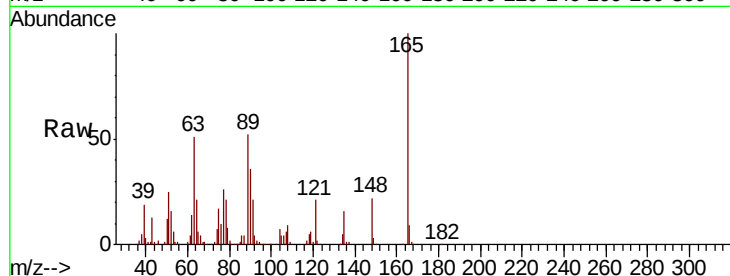
ClientSampleId :

PB126034BSD

Tot Ion:	165	Resp:	202430
Ion Ratio	Lower	Upper	
165	100		
63	50.6	43.1	64.7
89	52.4	43.8	65.6

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#52

Acenaphthene

Concen: 42.784 ng

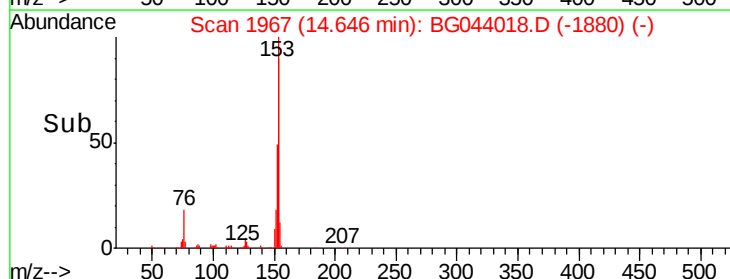
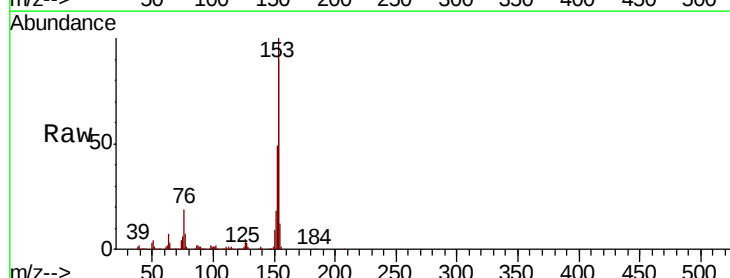
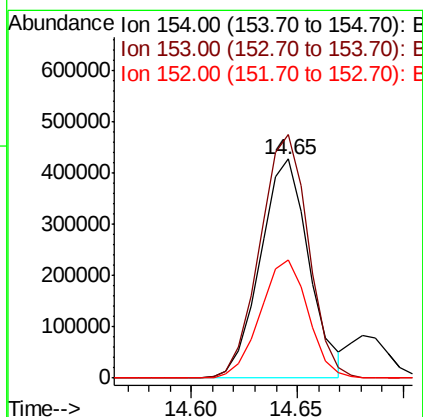
RT: 14.65 min Scan# 1967

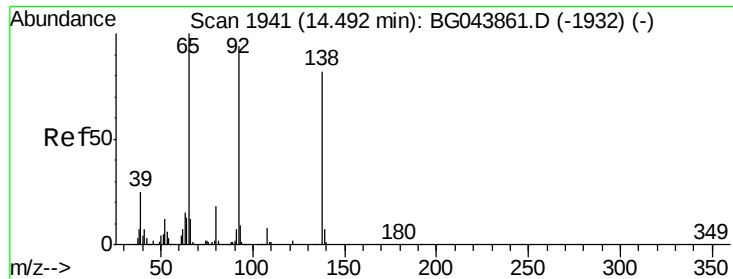
Delta R.T. -0.02 min

Lab File: BG044018.D

Acq: 13 Jan 2020 19:00

Tgt Ion:	154	Resp:	682829
Ion Ratio	Lower	Upper	
154	100		
153	111.2	91.6	137.4
152	54.0	45.4	68.0





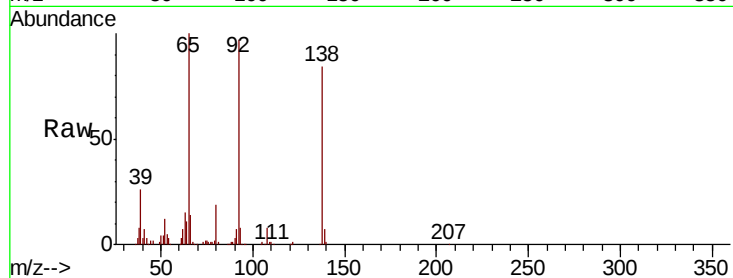
#53
3-Nitroaniline
Concen: 30.297 ng
RT: 14.48 min Scan# 1938
Delta R.T. -0.02 min
Lab File: BG044018.D
Acq: 13 Jan 2020 19:00

Instrument :
BNA_G
ClientSampleId :
PB126034BSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.9	7.4	11.2
92	115.0	92.1	138.1

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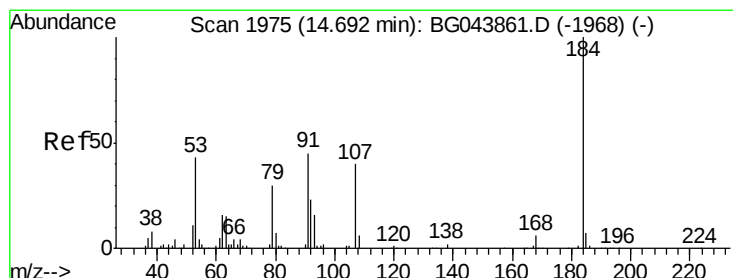
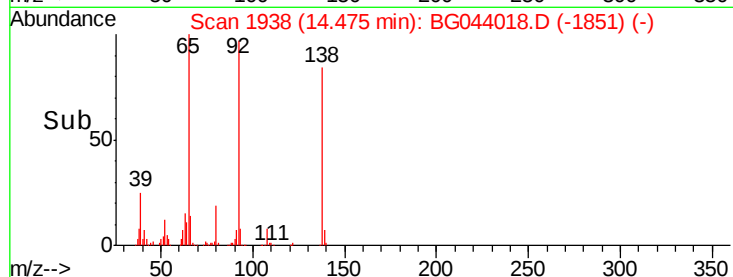
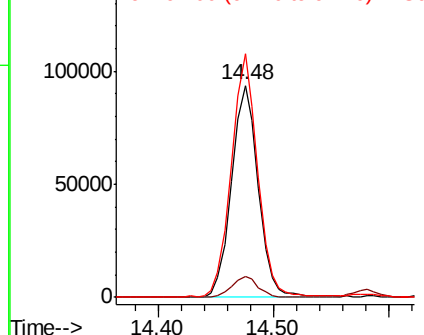


Abundance

Ion 138.00 (137.70 to 138.70): E

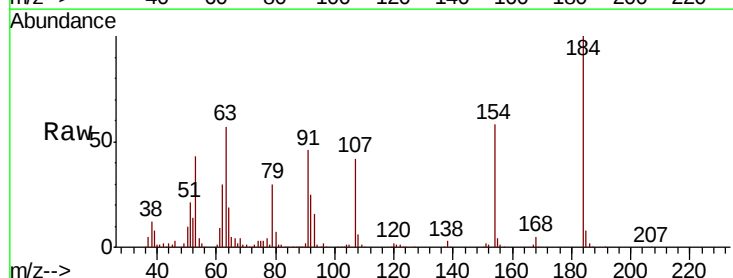
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54
2,4-Dinitrophenol
Concen: 101.127 ng
RT: 14.68 min Scan# 1973
Delta R.T. -0.01 min
Lab File: BG044018.D
Acq: 13 Jan 2020 19:00

Tgt Ion	Ratio	Lower	Upper
184	100		
63	56.8	46.6	70.0
154	58.0	50.2	75.4

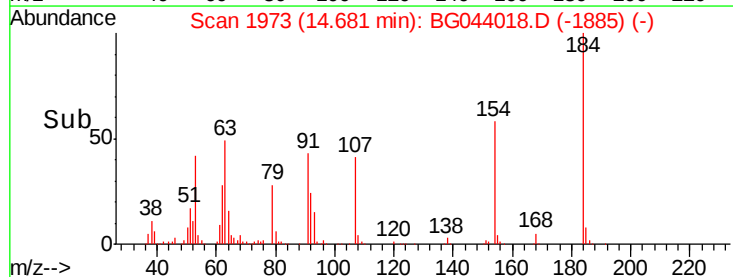
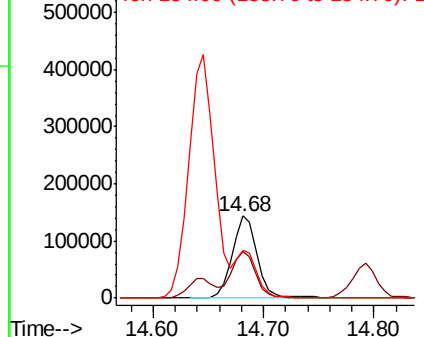


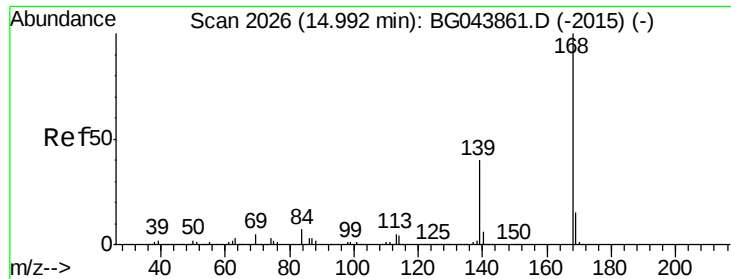
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E





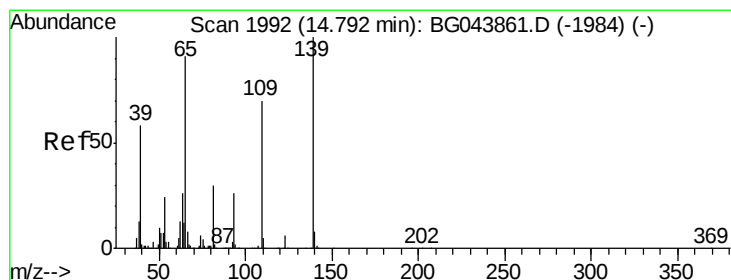
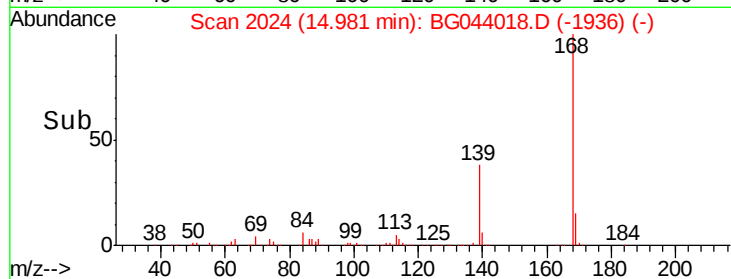
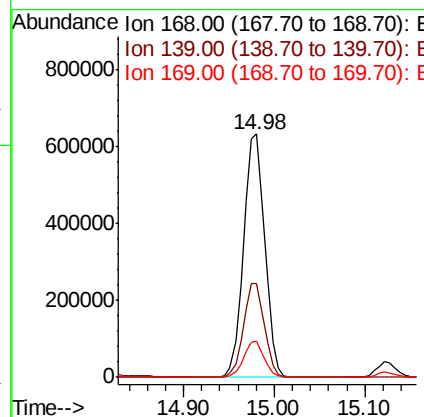
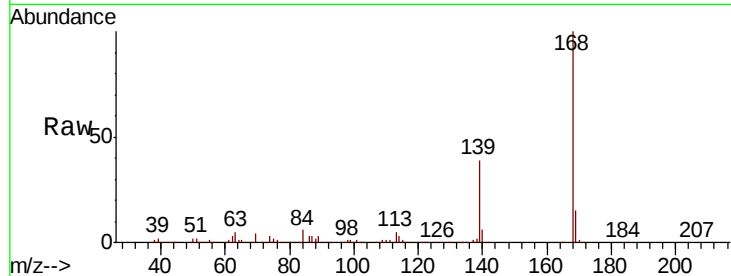
#55
Dibenzofuran
Concen: 46.905 ng
RT: 14.98 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BG044018.D
Acq: 13 Jan 2020 19:00

Instrument :
BNA_G
ClientSampleId :
PB126034BSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.6	32.2	48.2
169	14.7	12.2	18.2

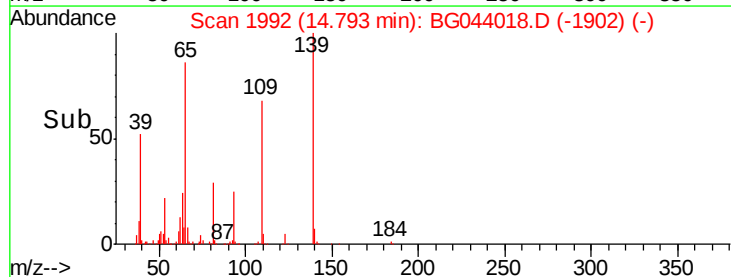
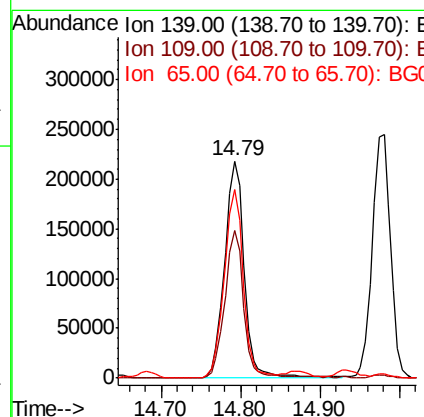
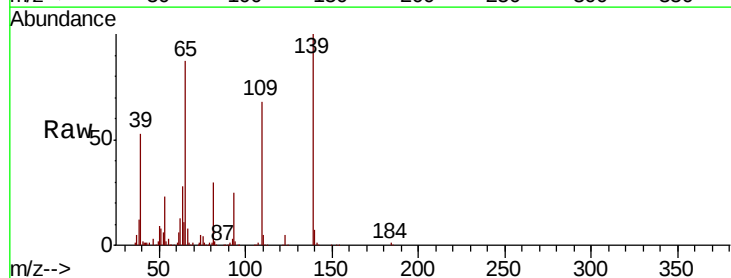
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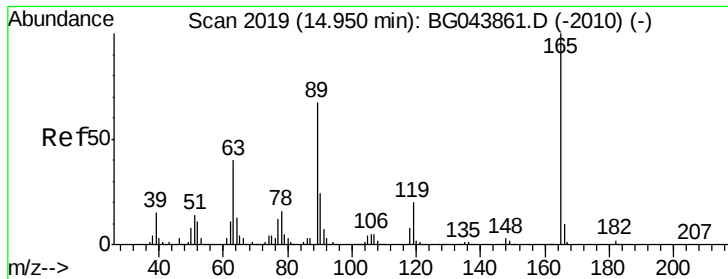
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#56
4-Nitrophenol
Concen: 99.268 ng
RT: 14.79 min Scan# 1992
Delta R.T. 0.00 min
Lab File: BG044018.D
Acq: 13 Jan 2020 19:00

Tgt Ion	Ratio	Lower	Upper
139	100		
109	67.7	50.4	90.4
65	86.5	71.4	111.4





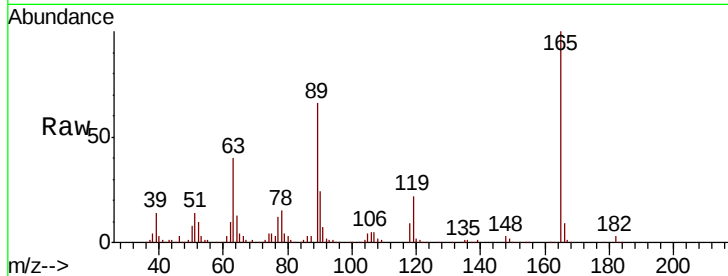
#57
2,4-Dinitrotoluene
Concen: 47.151 ng
RT: 14.93 min Scan# 2016
Delta R.T. -0.02 min
Lab File: BG044018.D
Acq: 13 Jan 2020 19:00

Instrument :
BNA_G
ClientSampleId :
PB126034BSD

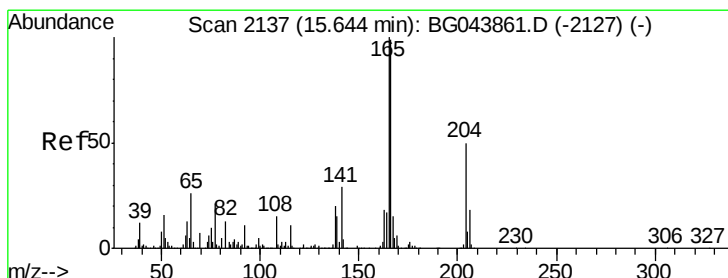
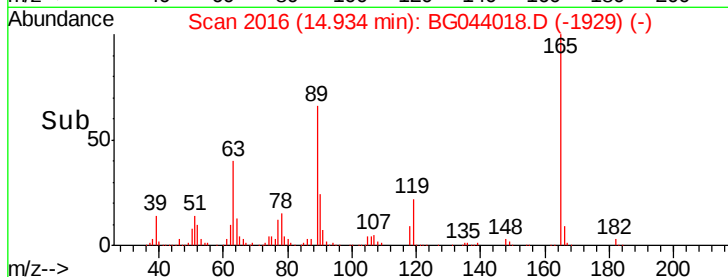
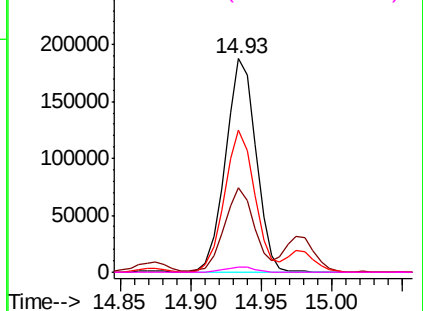
Tot Ion	Ratio	Resp	Lower	Upper
165	100	281400		
63	39.7		31.9	47.9
89	66.4		53.8	80.6
182	2.5		2.0	3.0

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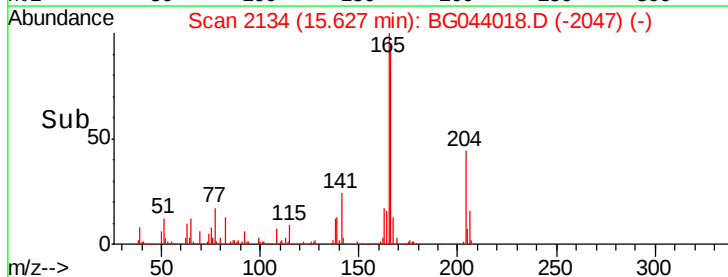
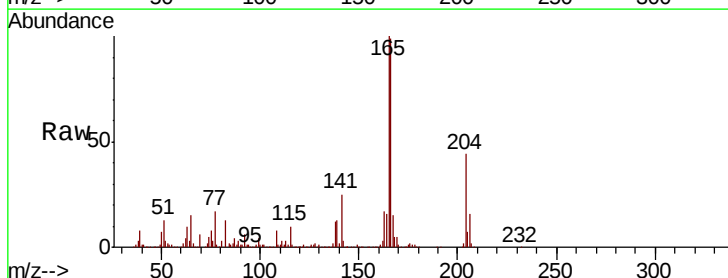
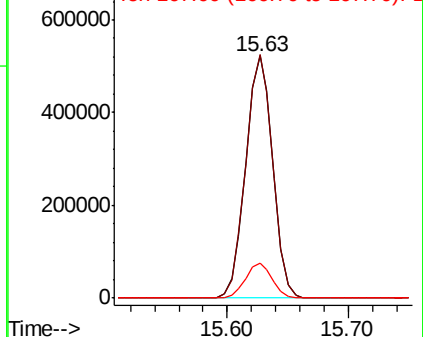
Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG
Ion 182.00 (181.70 to 182.70): E

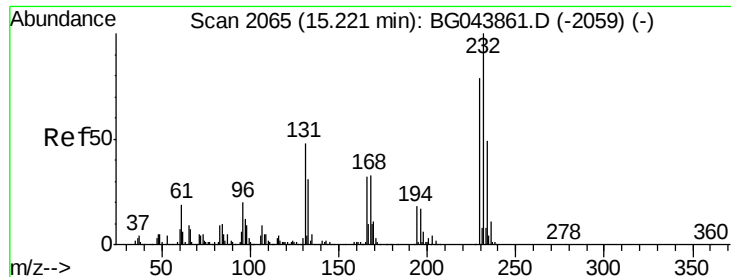


#58
Fluorene
Concen: 46.671 ng
RT: 15.63 min Scan# 2134
Delta R.T. -0.02 min
Lab File: BG044018.D
Acq: 13 Jan 2020 19:00

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	812728		
165	100.6		80.8	121.2
167	14.7		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





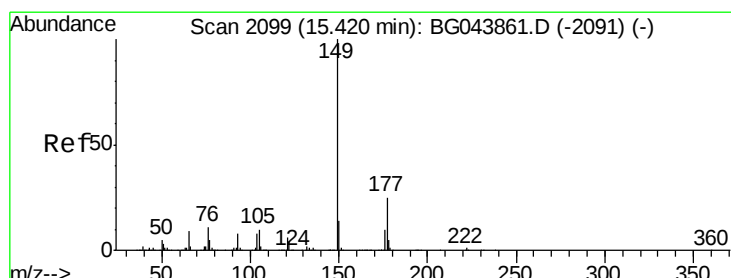
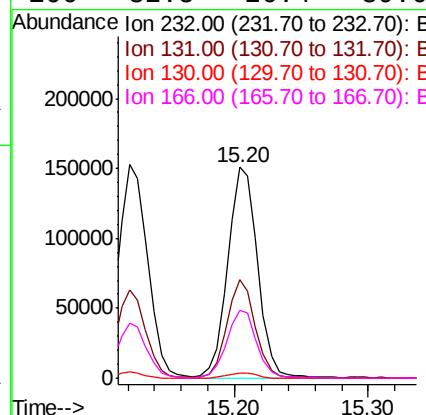
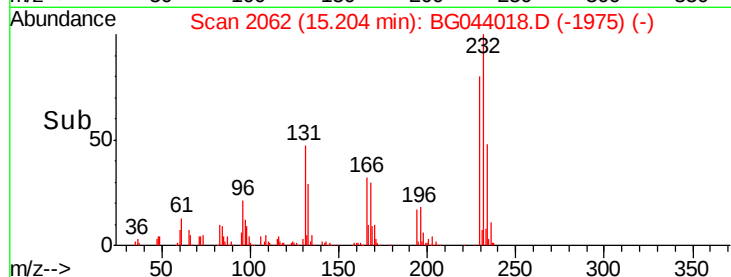
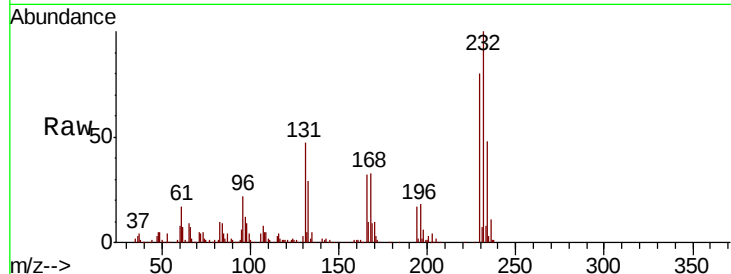
#59
2,3,4,6-Tetrachlorophenol
Concen: 48.285 ng
RT: 15.20 min Scan# 2062
Delta R.T. -0.02 min
Lab File: BG044018.D
Acq: 13 Jan 2020 19:00

Instrument :
BNA_G
ClientSampleId :
PB126034BSD

Tot Ion	Ratio	Resp	Lower	Upper
232	100	236028		
131	44.5		38.2	57.2
130	2.6		2.2	3.2
166	32.5		26.4	39.6

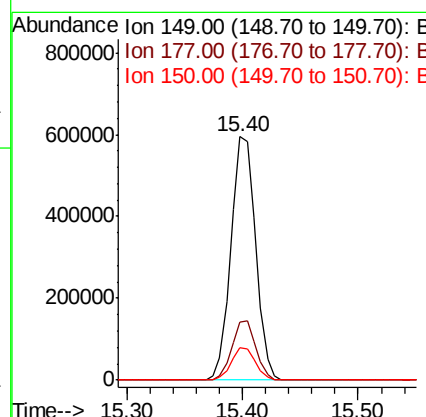
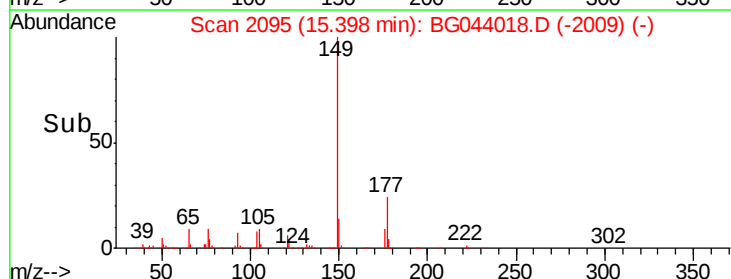
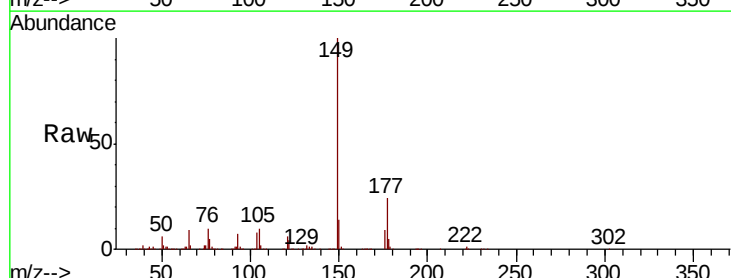
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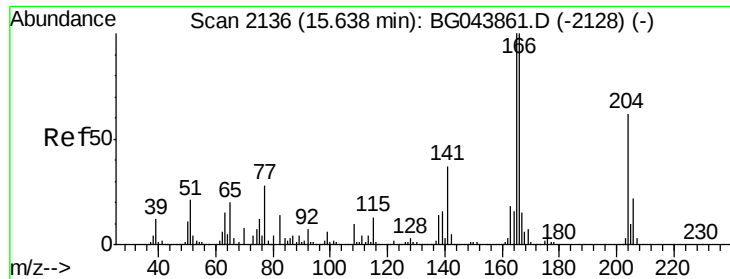
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#60
Diethylphthalate
Concen: 45.380 ng
RT: 15.40 min Scan# 2095
Delta R.T. -0.02 min
Lab File: BG044018.D
Acq: 13 Jan 2020 19:00

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	880764		
177	23.7		20.0	30.0
150	13.5		11.1	16.7





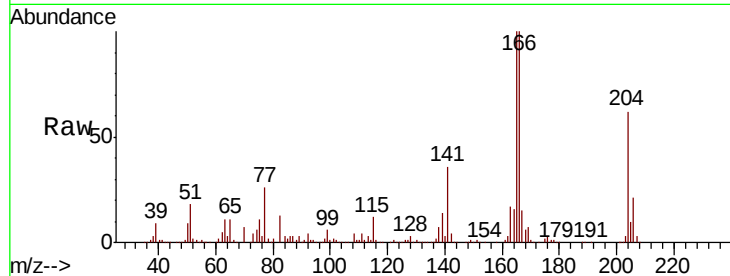
#61
4-Chlorophenyl-phenylether
Concen: 44.763 ng
RT: 15.62 min Scan# 2133
Delta R.T. -0.02 min
Lab File: BG044018.D
Acq: 13 Jan 2020 19:00

Instrument :
BNA_G
ClientSampleId :
PB126034BSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	34.4	28.2	42.2
141	57.2	48.2	72.2

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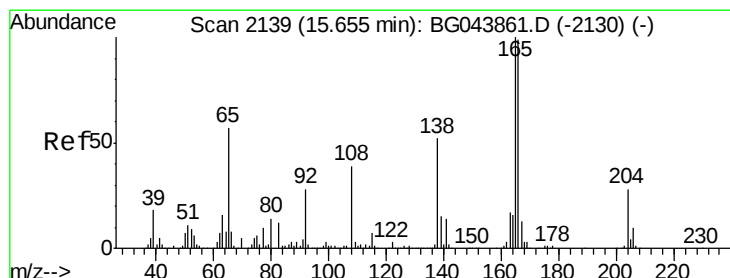
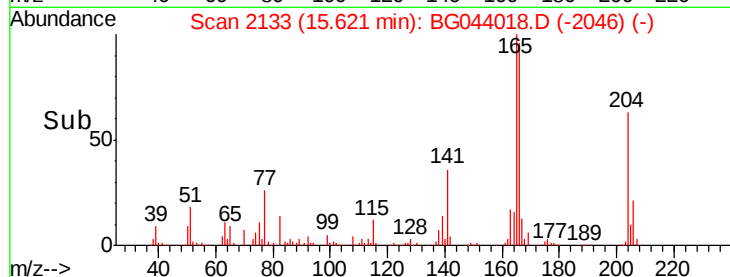
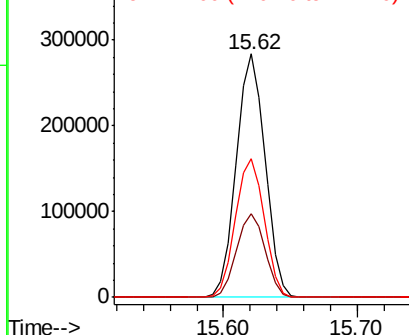


Abundance

Ion 204.00 (203.70 to 204.70): E

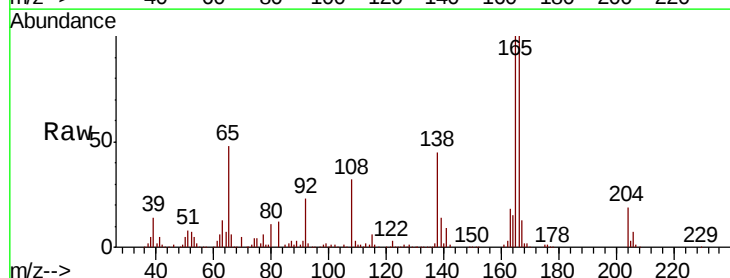
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 41.607 ng
RT: 15.64 min Scan# 2136
Delta R.T. -0.02 min
Lab File: BG044018.D
Acq: 13 Jan 2020 19:00

Tgt Ion	Ratio	Lower	Upper
138	100		
92	50.7	34.3	74.3
108	72.3	55.0	95.0

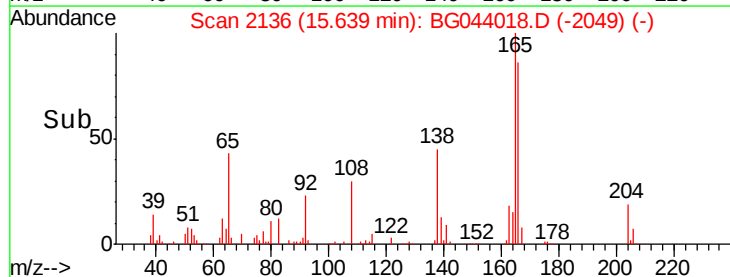
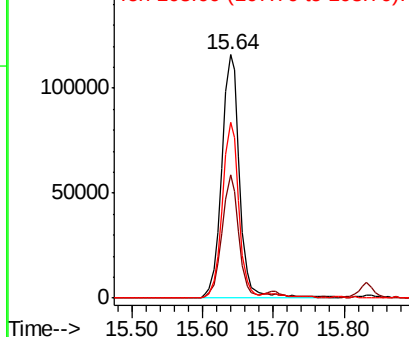


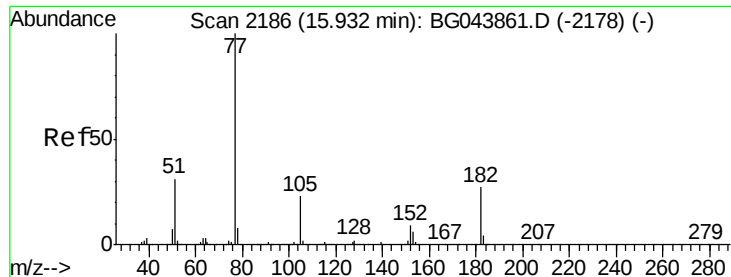
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E





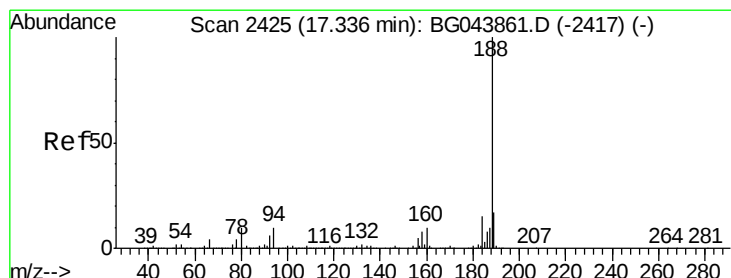
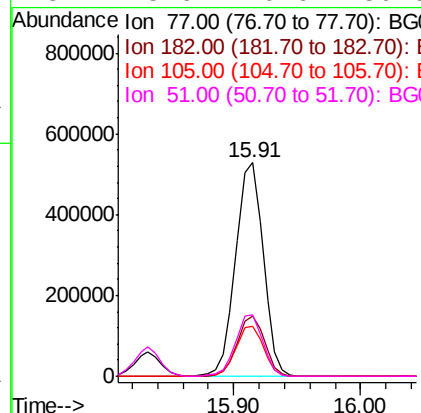
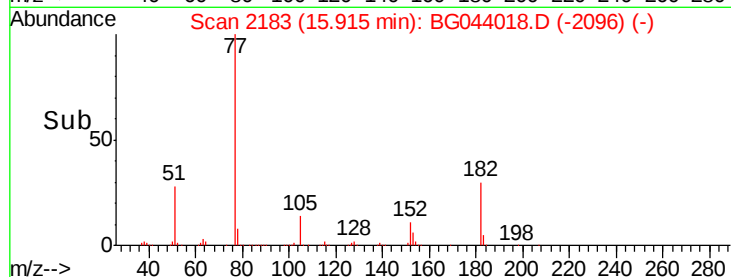
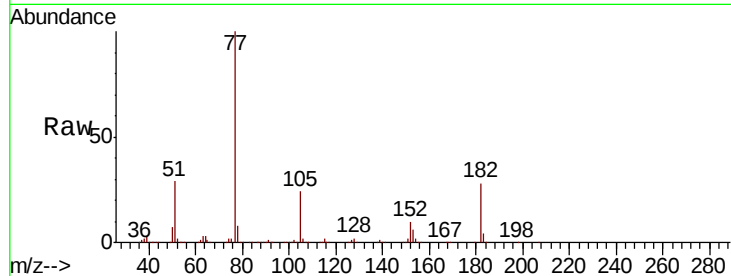
#63
Azobenzene
Concen: 44.139 ng
RT: 15.91 min Scan# 2183
Delta R.T. -0.02 min
Lab File: BG044018.D
Acq: 13 Jan 2020 19:00

Instrument :
BNA_G
ClientSampleId :
PB126034BSD

Tot Ion	Ratio	Lower	Upper
77	100		
182	28.4	7.3	47.3
105	23.5	3.2	43.2
51	28.6	10.6	50.6

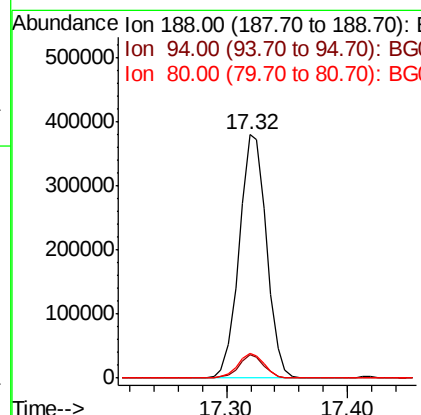
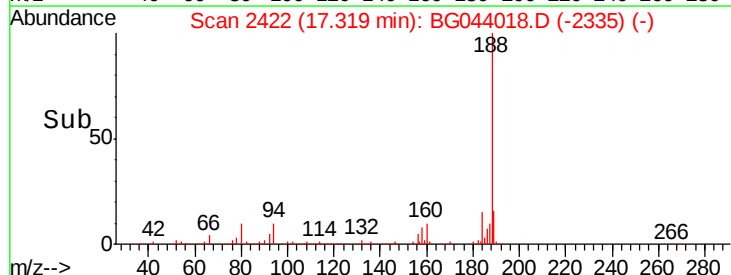
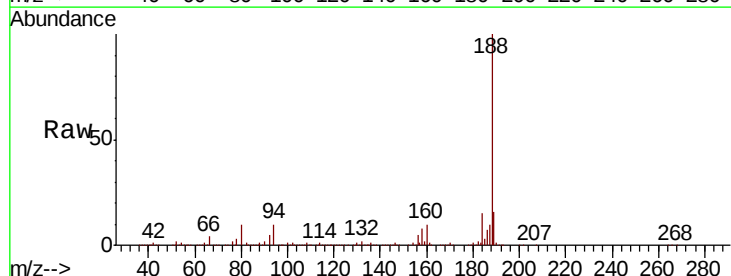
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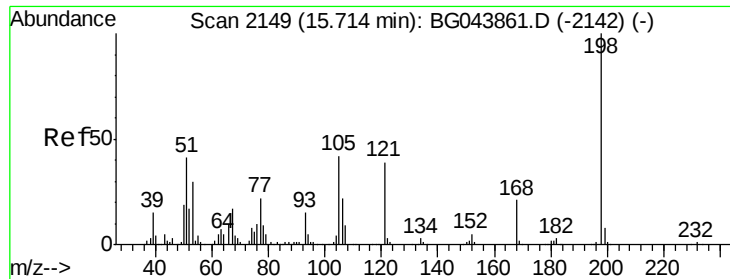
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.32 min Scan# 2422
Delta R.T. -0.02 min
Lab File: BG044018.D
Acq: 13 Jan 2020 19:00

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.6	7.9	11.9
80	10.3	8.2	12.4





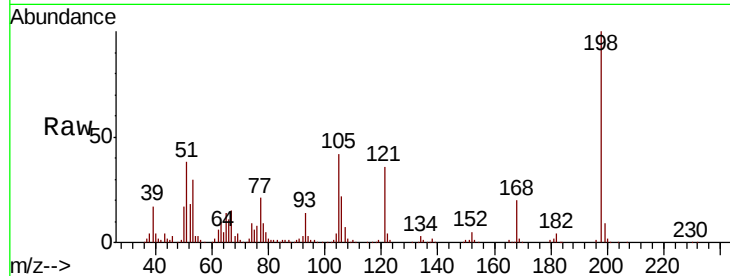
#65
4,6-Dinitro-2-methylphenol
Concen: 54.034 ng
RT: 15.70 min Scan# 2147
Delta R.T. -0.01 min
Lab File: BG044018.D
Acq: 13 Jan 2020 19:00

Instrument :
BNA_G
ClientSampleId :
PB126034BSD

Tot Ion	Ratio	Resp	Lower	Upper
198	100	167960		
51	38.1		22.5	62.5
105	41.6		22.3	62.3

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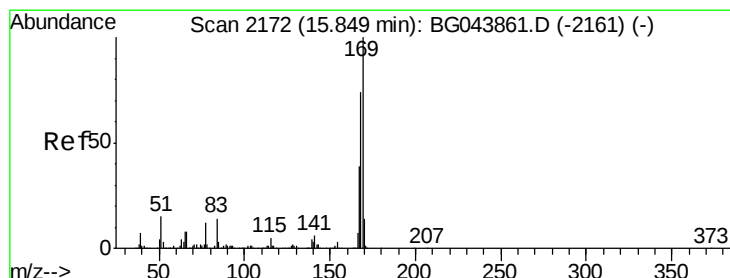
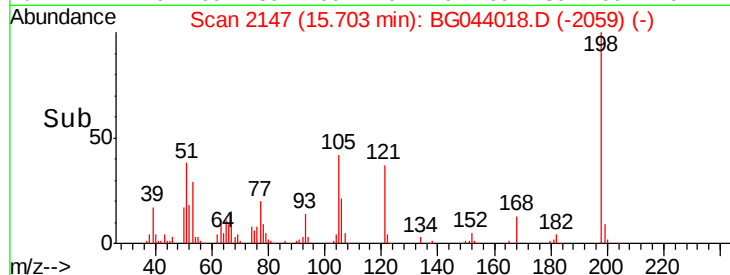
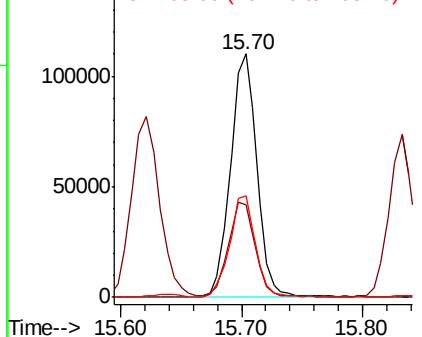


Abundance

Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66
n-Nitrosodiphenylamine
Concen: 43.454 ng
RT: 15.83 min Scan# 2169
Delta R.T. -0.02 min
Lab File: BG044018.D
Acq: 13 Jan 2020 19:00

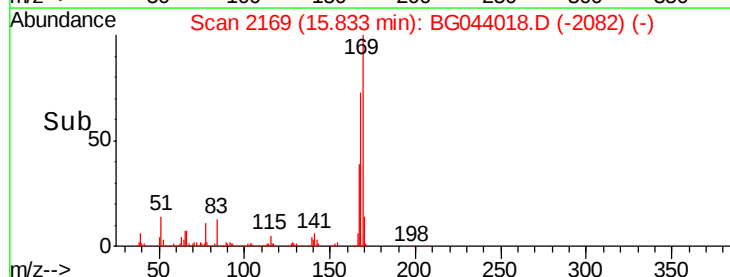
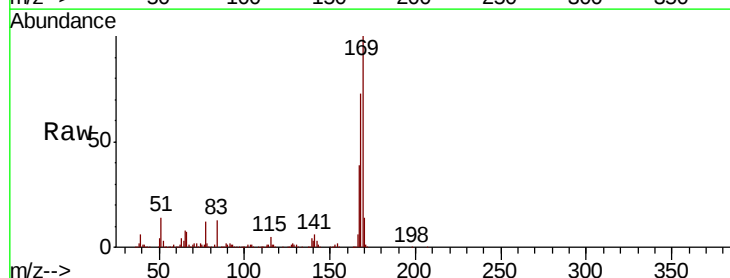
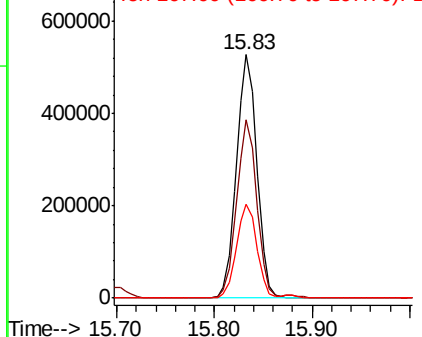
Tgt Ion	Ratio	Resp	Lower	Upper
169	100	763456		
168	73.4		59.0	88.6
167	38.5		31.4	47.0

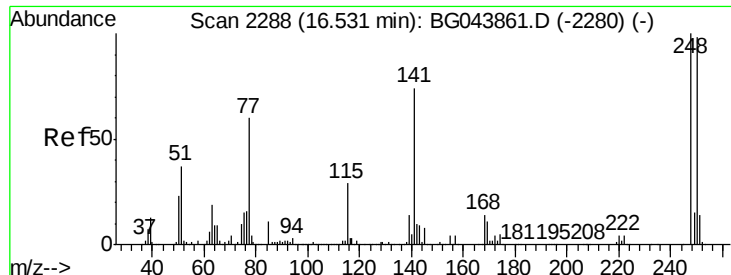
Abundance

Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





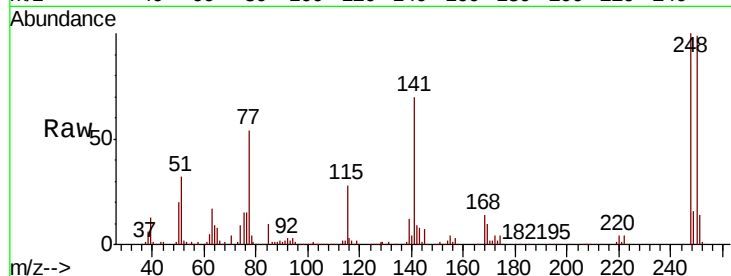
#67
4-Bromophenyl-phenylether
Concen: 41.040 ng
RT: 16.51 min Scan# 2285
Delta R.T. -0.02 min
Lab File: BG044018.D
Acq: 13 Jan 2020 19:00

Instrument :
BNA_G
ClientSampled :
PB126034BSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	99.3	78.2	117.2
141	70.2	59.3	88.9

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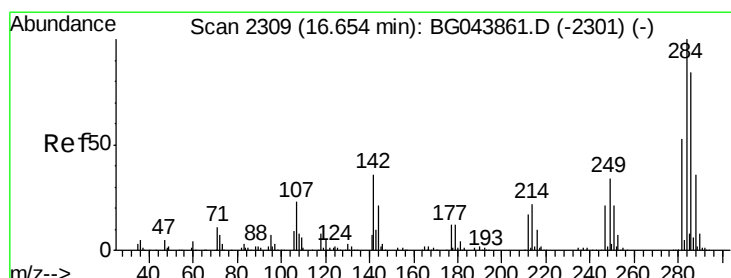
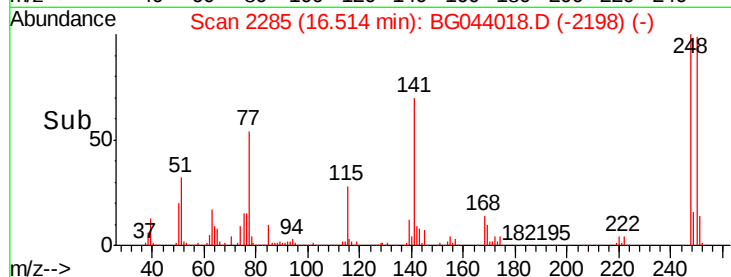
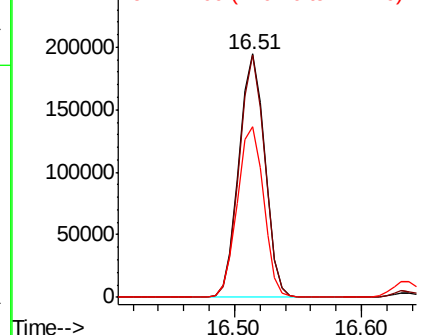


Abundance

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: 41.115 ng
RT: 16.64 min Scan# 2306
Delta R.T. -0.02 min
Lab File: BG044018.D
Acq: 13 Jan 2020 19:00

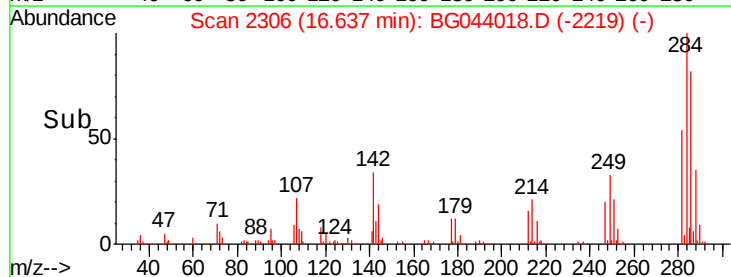
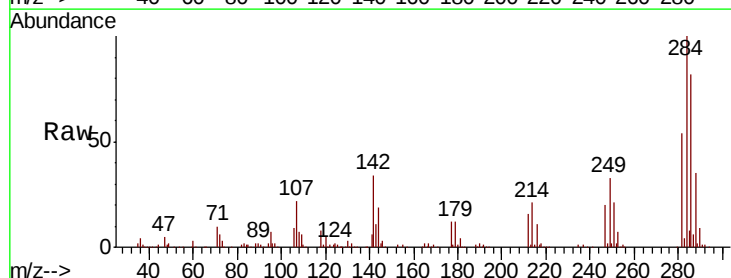
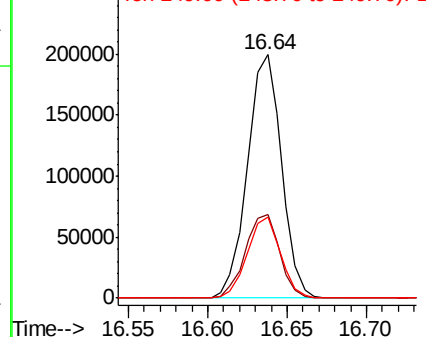
Tgt Ion	Ratio	Lower	Upper
284	100		
142	34.3	28.6	43.0
249	33.1	27.0	40.6

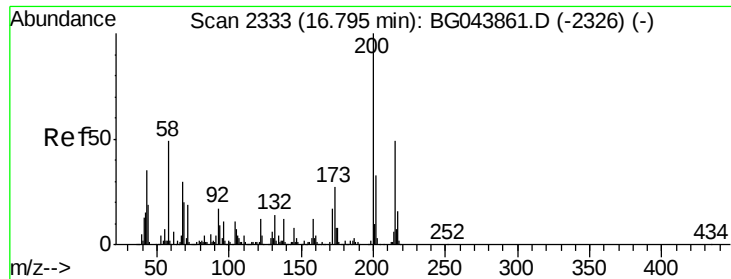
Abundance

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: 51.206 ng

RT: 16.78 min Scan# 2331

Delta R.T. -0.01 min

Lab File: BG044018.D

Acq: 13 Jan 2020 19:00

Instrument :

BNA_G

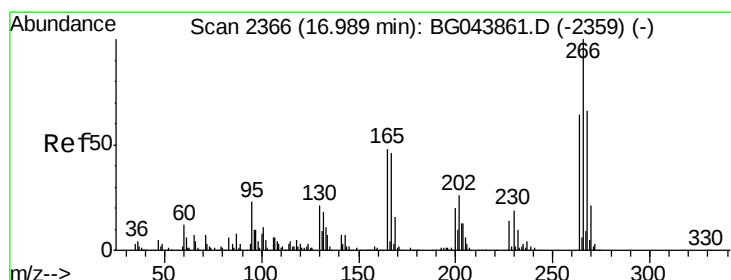
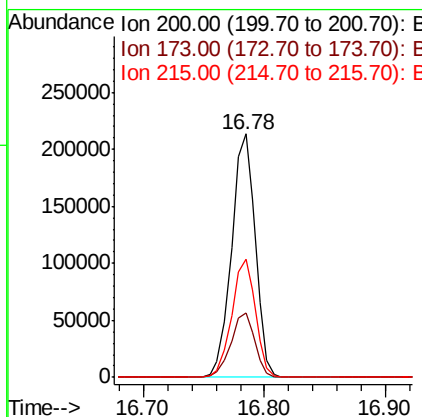
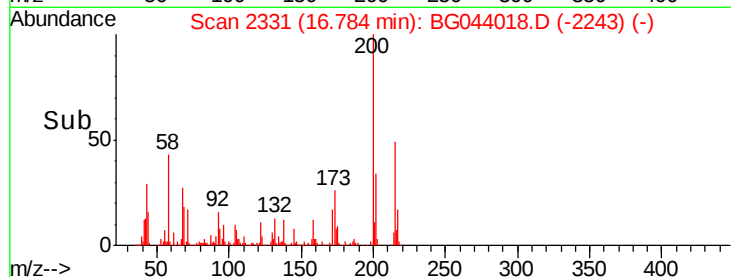
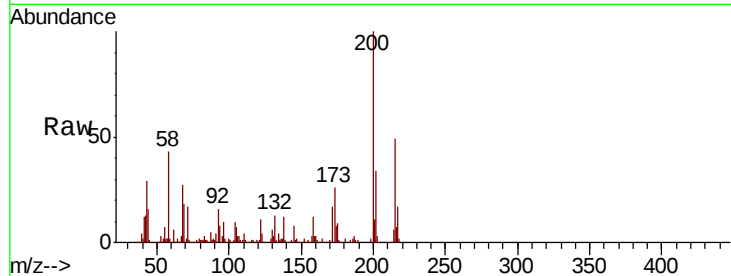
ClientSampleId :

PB126034BSD

Tot Ion:	200	Resp:	292434
Ion Ratio	Lower	Upper	
200	100		
173	26.3	6.6	46.6
215	48.6	28.6	68.6

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#70

Pentachlorophenol

Concen: 89.104 ng

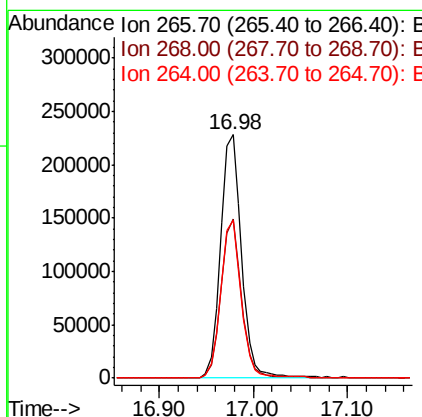
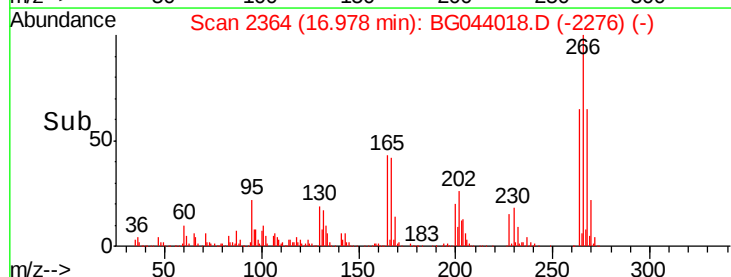
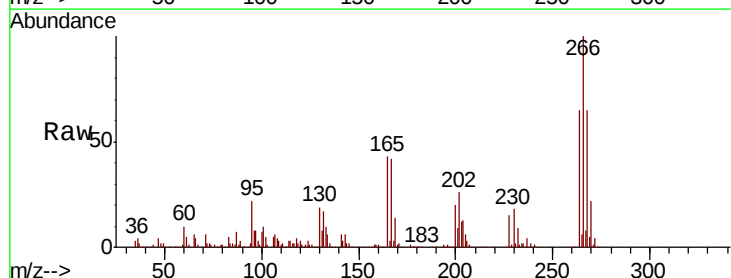
RT: 16.98 min Scan# 2364

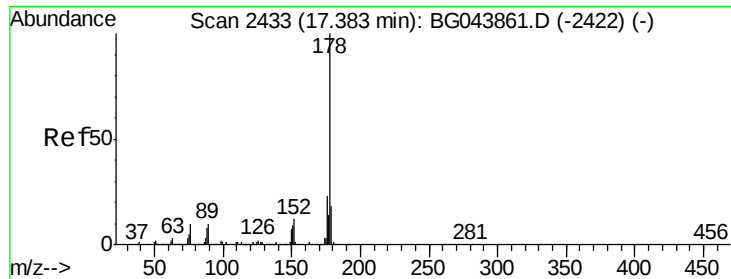
Delta R.T. -0.01 min

Lab File: BG044018.D

Acq: 13 Jan 2020 19:00

Tgt Ion:	266	Resp:	355140
Ion Ratio	Lower	Upper	
266	100		
268	65.4	52.6	79.0
264	64.7	50.8	76.2





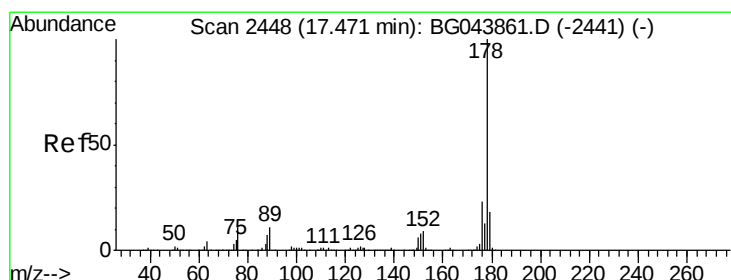
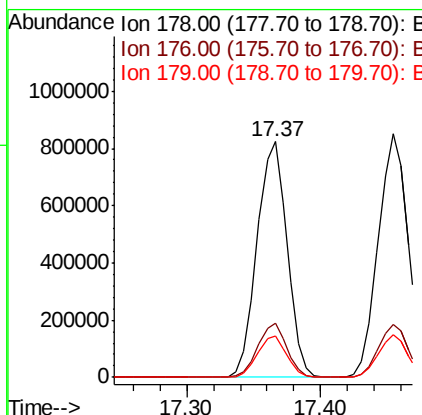
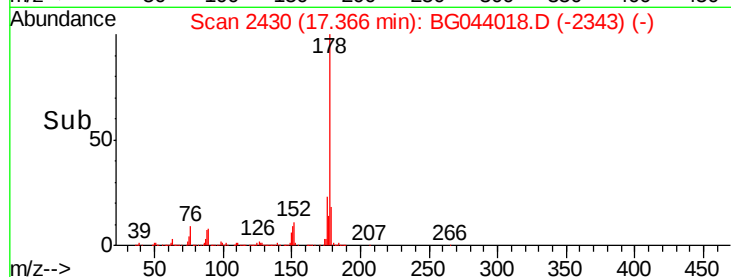
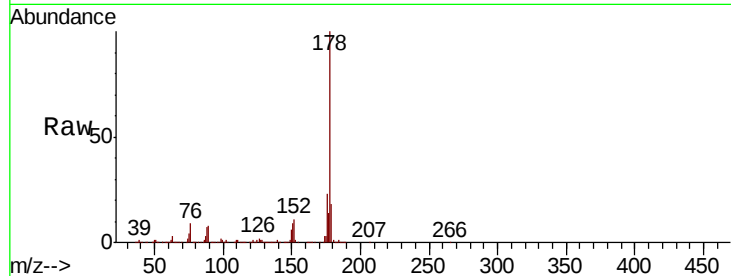
#71
Phenanthrene
Concen: 44.664 ng
RT: 17.37 min Scan# 2430
Delta R.T. -0.02 min
Lab File: BG044018.D
Acq: 13 Jan 2020 19:00

Instrument :
BNA_G
ClientSampleId :
PB126034BSD

Tot Ion:178 Resp: 1278134
Ion Ratio Lower Upper
178 100
176 22.9 18.6 28.0
179 17.6 14.4 21.6

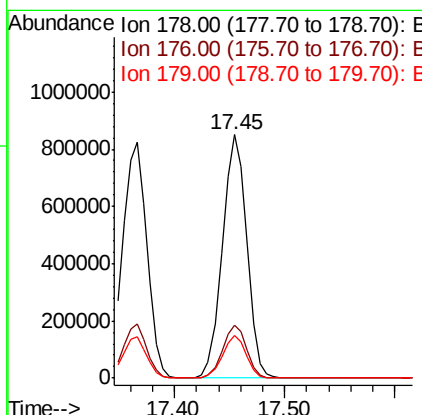
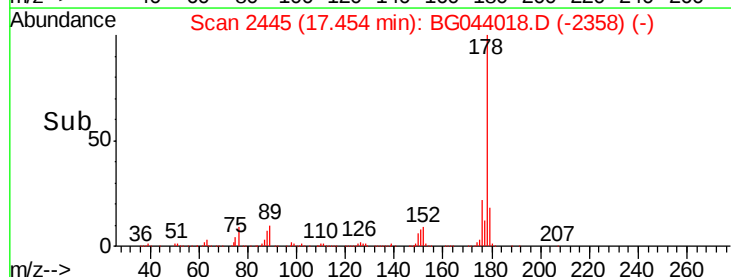
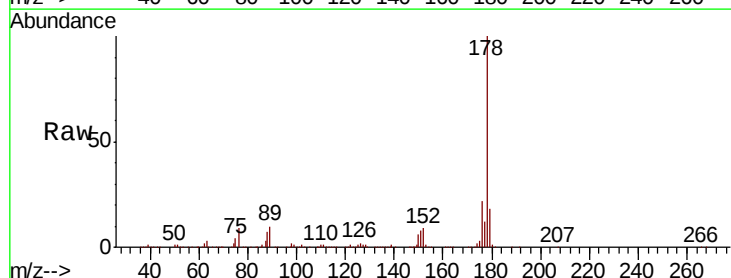
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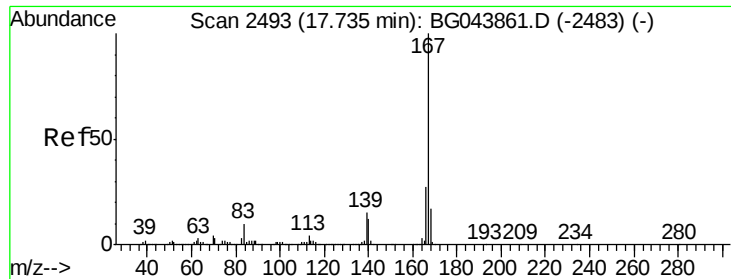
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#72
Anthracene
Concen: 46.393 ng
RT: 17.45 min Scan# 2445
Delta R.T. -0.02 min
Lab File: BG044018.D
Acq: 13 Jan 2020 19:00

Tgt Ion:178 Resp: 1312051
Ion Ratio Lower Upper
178 100
176 22.0 18.3 27.5
179 17.7 14.6 22.0





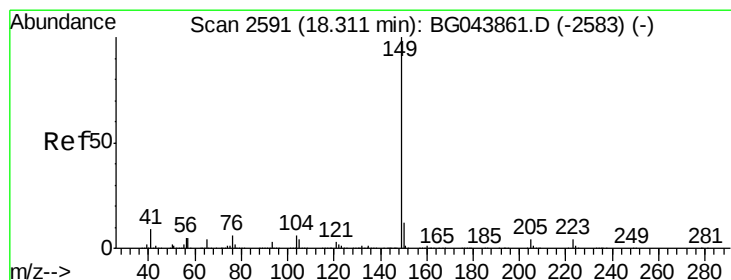
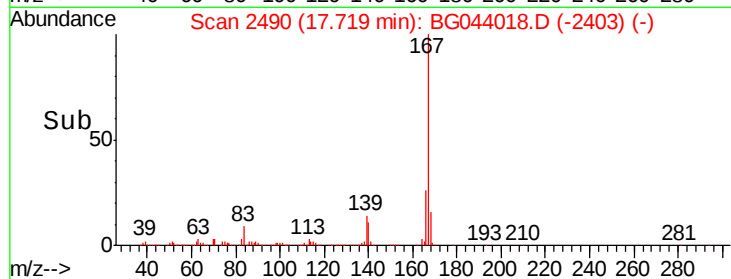
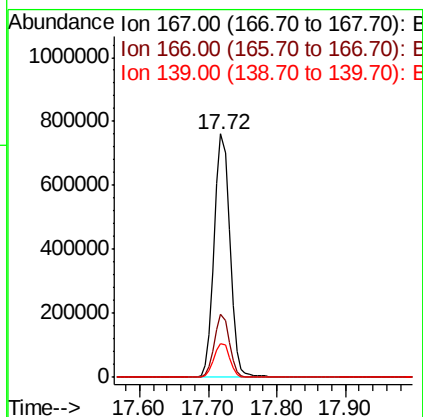
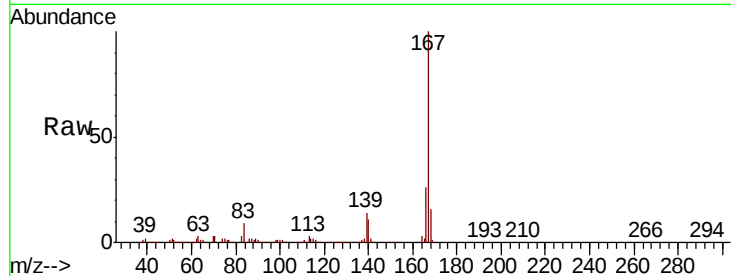
#73
 Carbazole
 Concen: 46.386 ng
 RT: 17.72 min Scan# 2490
 Delta R.T. -0.02 min
 Lab File: BG044018.D
 Acq: 13 Jan 2020 19:00

Instrument :
 BNA_G
 ClientSampleId :
 PB126034BSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	25.9	21.6	32.4
139	14.1	12.1	18.1

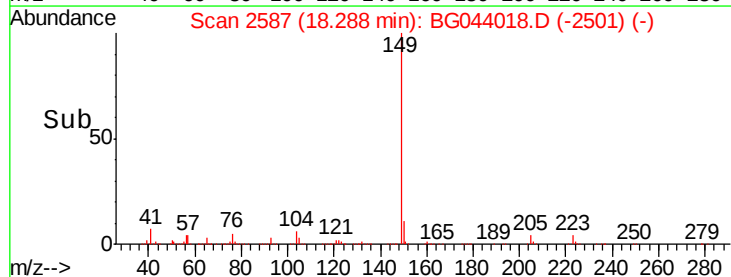
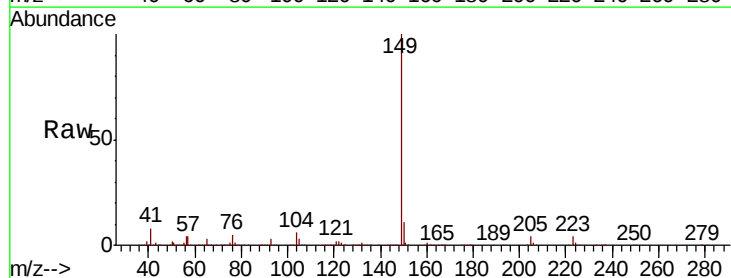
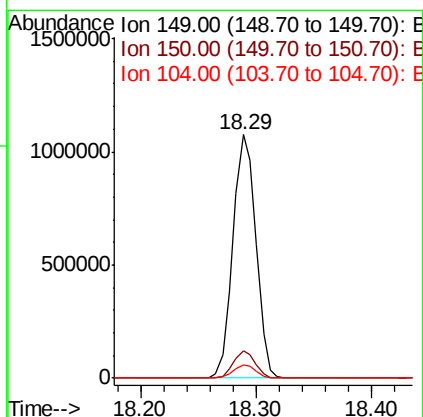
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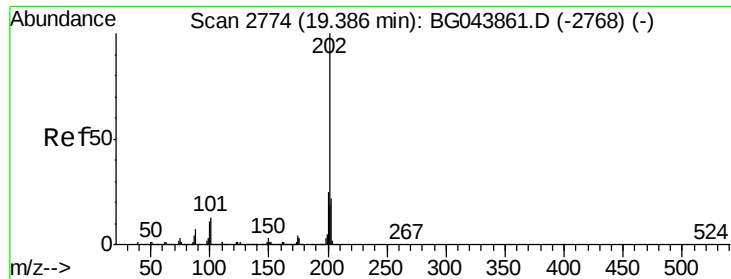
mohammad
 1/14/2020 12:24:50 PM



#74
 Di-n-butylphthalate
 Concen: 44.391 ng
 RT: 18.29 min Scan# 2587
 Delta R.T. -0.02 min
 Lab File: BG044018.D
 Acq: 13 Jan 2020 19:00

Tgt Ion	Ratio	Lower	Upper
149	100		
150	11.0	9.7	14.5
104	5.6	5.0	7.4





#75

Fluoranthene

Concen: 44.842 ng

RT: 19.37 min Scan# 2771

Delta R.T. -0.02 min

Lab File: BG044018.D

Acq: 13 Jan 2020 19:00

Instrument :

BNA_G

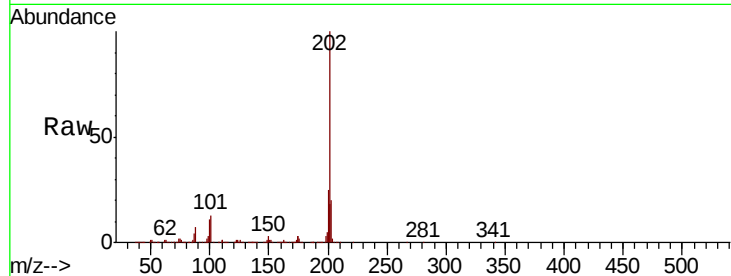
ClientSampleId :

PB126034BSD

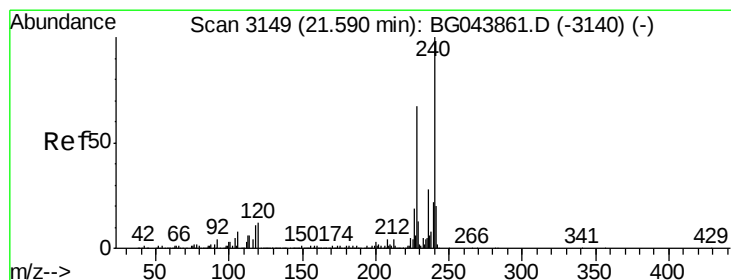
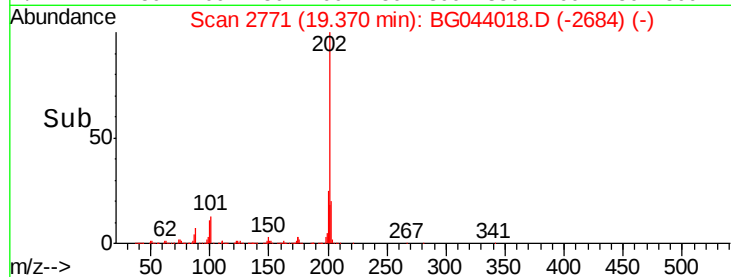
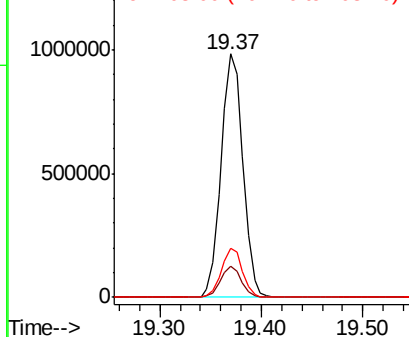
Tot Ion:	202	Resp:	1467539
Ion	Ratio	Lower	Upper
202	100		
101	13.0	0.0	33.3
203	20.4	1.6	41.6

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



#76

Chrysene-d12

Concen: 20.000 ng

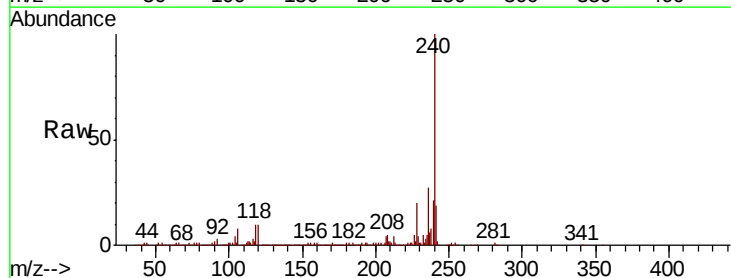
RT: 21.58 min Scan# 3147

Delta R.T. -0.01 min

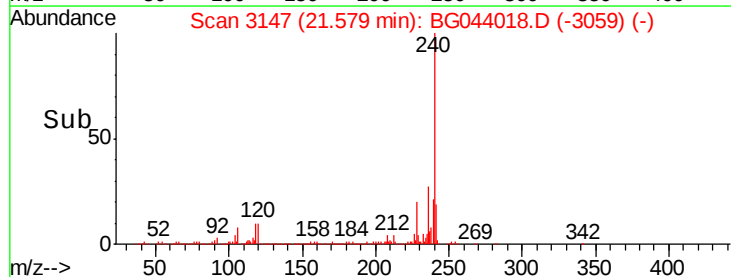
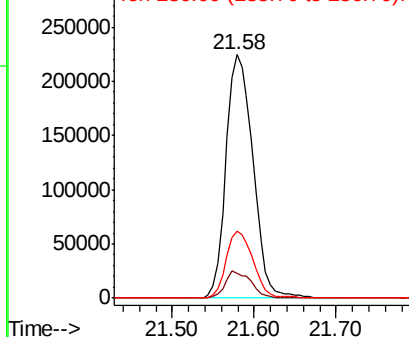
Lab File: BG044018.D

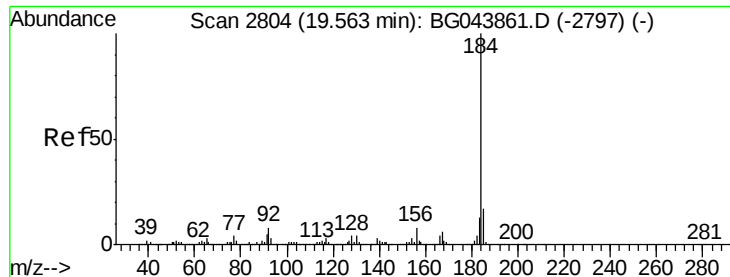
Acq: 13 Jan 2020 19:00

Tgt Ion:	240	Resp:	515314
Ion	Ratio	Lower	Upper
240	100		
120	10.4	9.6	14.4
236	27.3	22.2	33.2



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 35.176 ng

RT: 19.55 min Scan# 2802

Delta R.T. -0.01 min

Lab File: BG044018.D

Acq: 13 Jan 2020 19:00

Instrument :

BNA_G

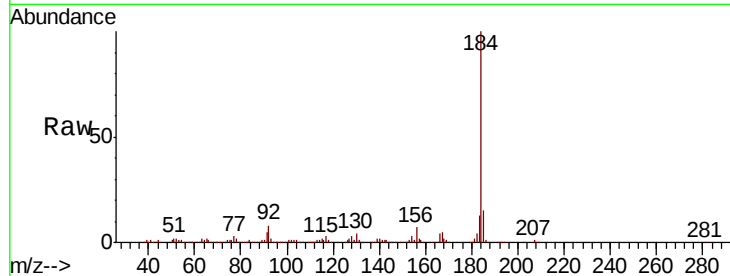
ClientSampleId :

PB126034BSD

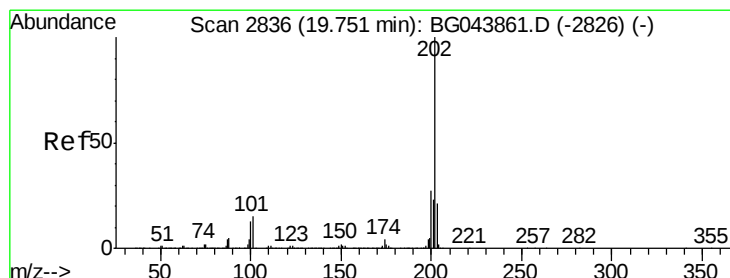
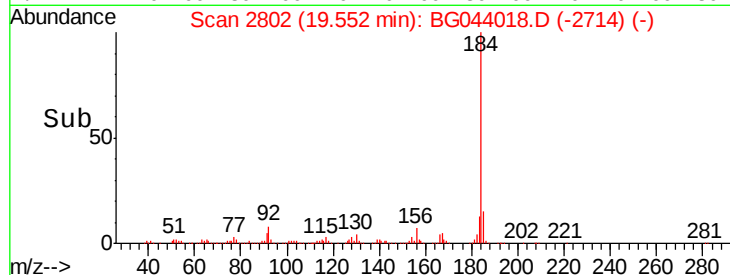
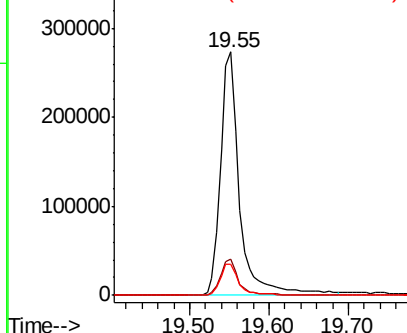
Tot Ion:	184	Resp:	455623
Ion Ratio	Lower	Upper	
184	100		
185	15.1	13.4	20.0
183	12.9	10.6	15.8

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



#78

Pyrene

Concen: 44.027 ng

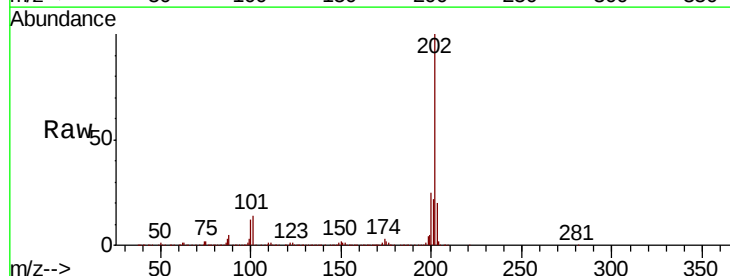
RT: 19.73 min Scan# 2833

Delta R.T. -0.02 min

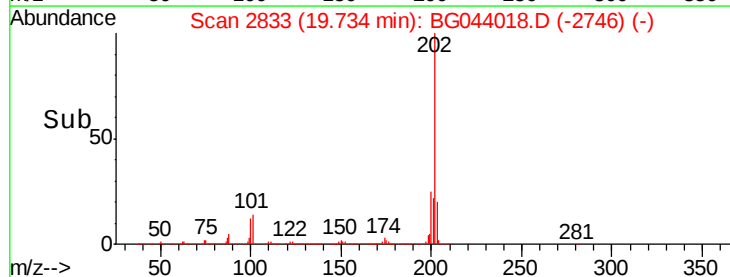
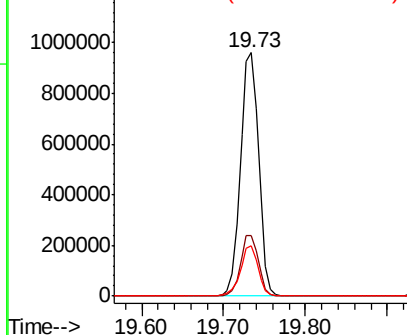
Lab File: BG044018.D

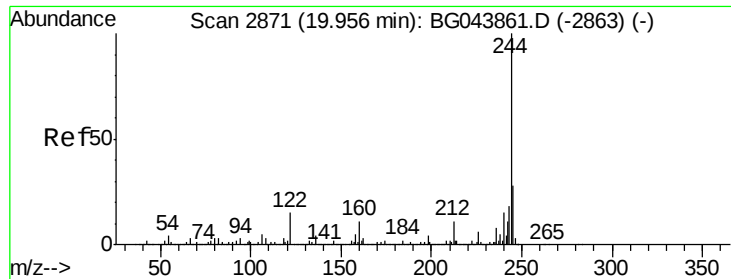
Acq: 13 Jan 2020 19:00

Tgt Ion:	202	Resp:	1480932
Ion Ratio	Lower	Upper	
202	100		
200	25.1	21.7	32.5
203	20.5	17.0	25.6



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





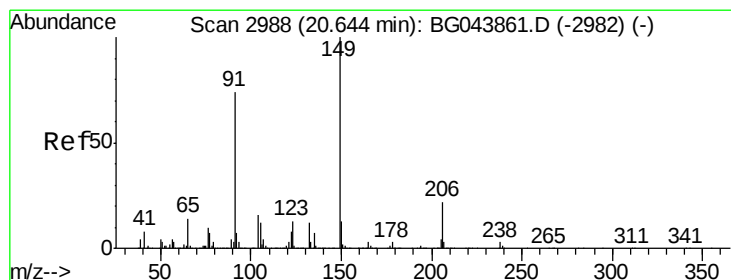
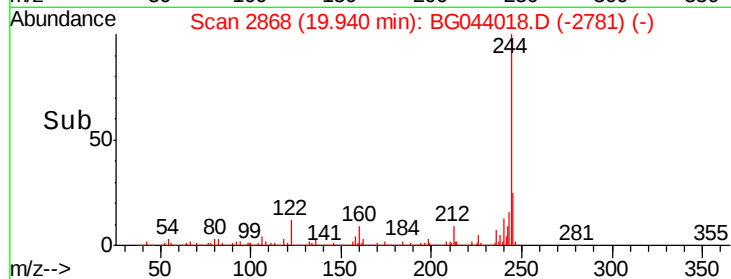
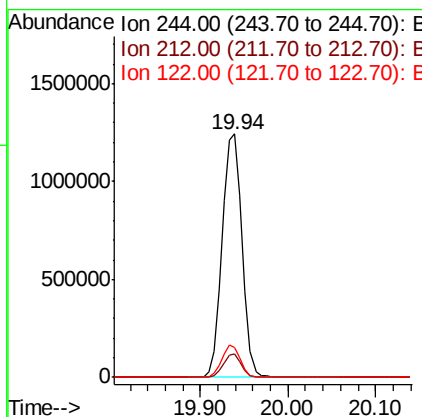
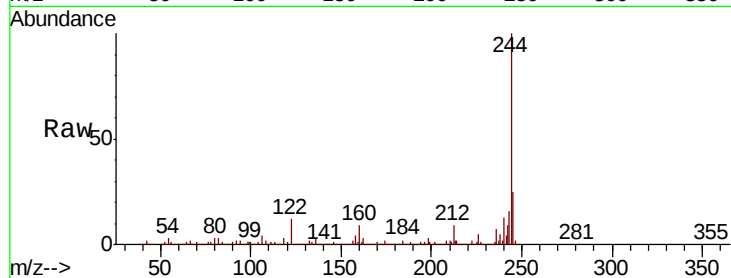
#79
 Terphenyl-d14
 Concen: 93.905 ng
 RT: 19.94 min Scan# 2868
 Delta R.T. -0.02 min
 Lab File: BG044018.D
 Acq: 13 Jan 2020 19:00

Instrument :
 BNA_G
 ClientSampleId :
 PB126034BSD

Tot Ion	Ratio	Lower	Upper
244	100		
212	9.4	8.6	13.0
122	12.3	11.9	17.9

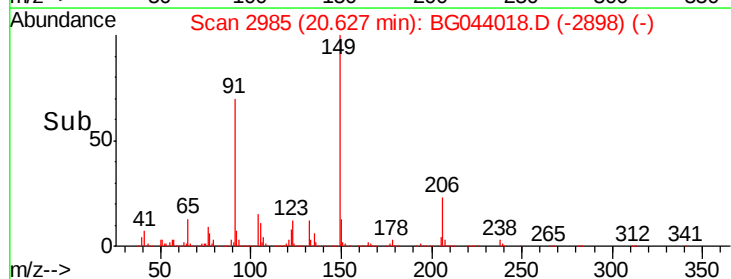
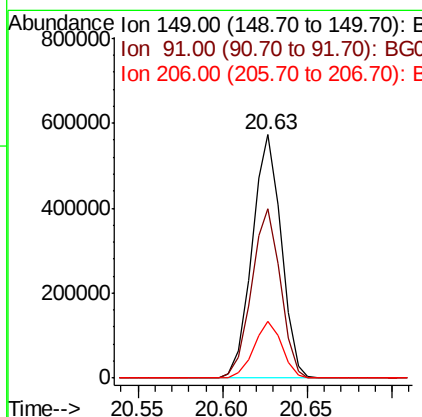
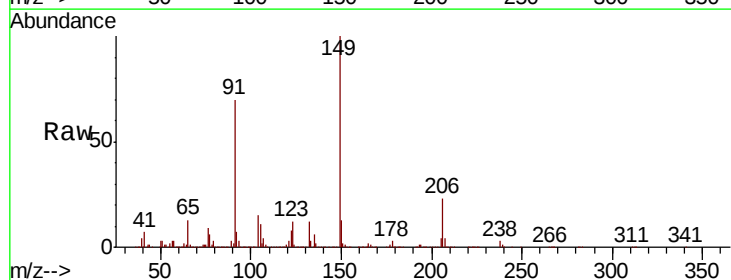
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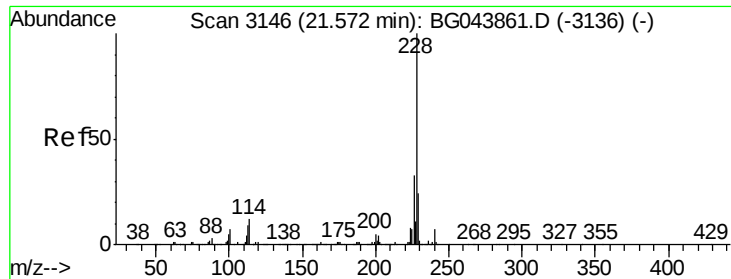
mohammad
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#80
 Butylbenzylphthalate
 Concen: 42.834 ng
 RT: 20.63 min Scan# 2985
 Delta R.T. -0.02 min
 Lab File: BG044018.D
 Acq: 13 Jan 2020 19:00

Tgt Ion	Ratio	Lower	Upper
149	100		
91	69.6	59.5	89.3
206	23.2	17.8	26.6





#81

Benzo(a)anthracene

Concen: 44.016 ng

RT: 21.55 min Scan# 3142

Delta R.T. -0.02 min

Lab File: BG044018.D

Acq: 13 Jan 2020 19:00

Instrument :

BNA_G

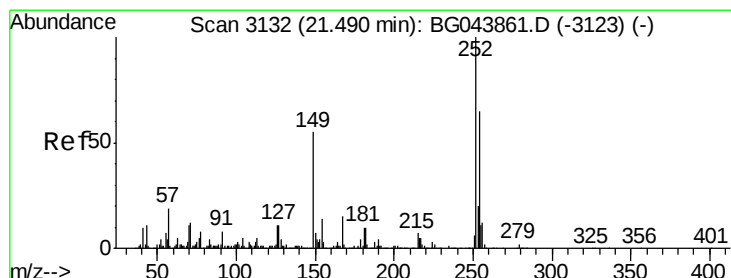
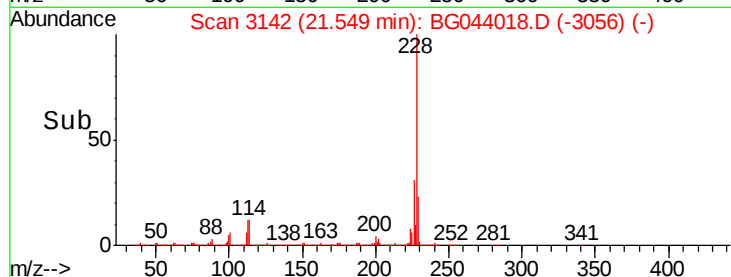
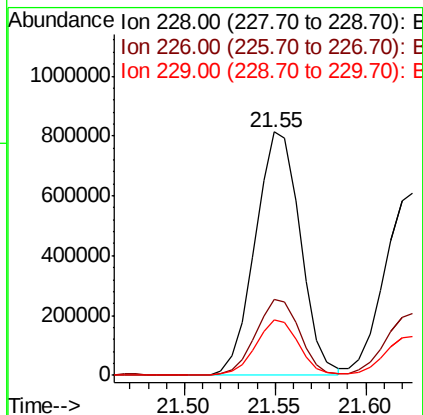
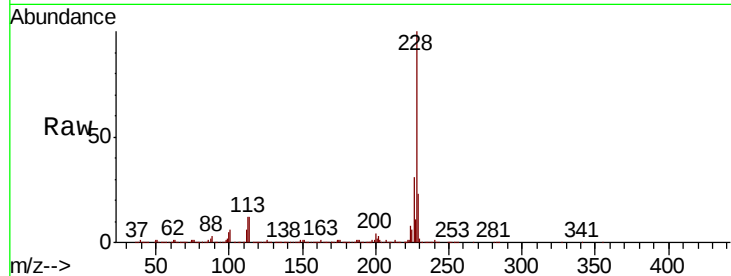
ClientSampleId :

PB126034BSD

Tot Ion:	228	Resp:	1406445
Ion	Ratio	Lower	Upper
228	100		
226	31.2	26.2	39.4
229	22.8	18.9	28.3

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#82

3,3'-Dichlorobenzidine

Concen: 34.977 ng

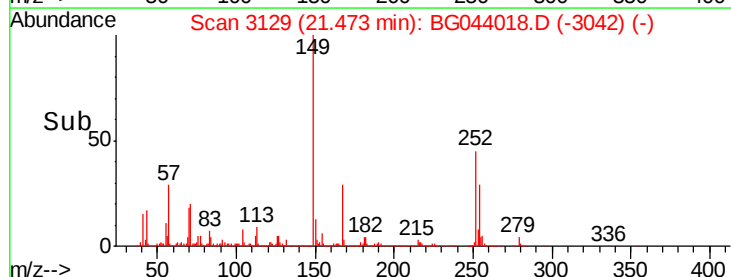
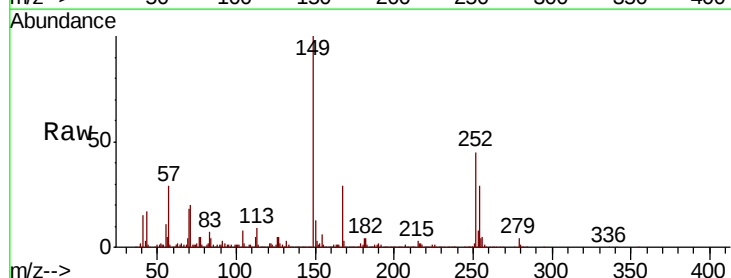
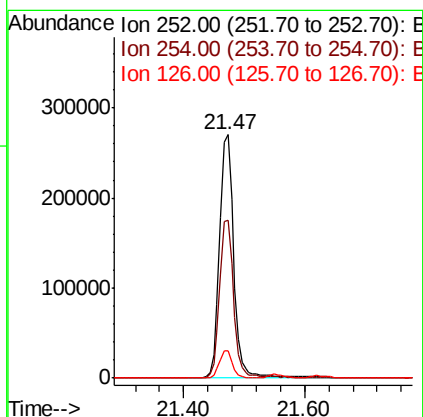
RT: 21.47 min Scan# 3129

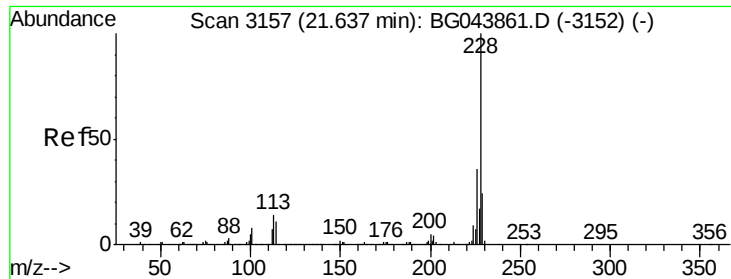
Delta R.T. -0.02 min

Lab File: BG044018.D

Acq: 13 Jan 2020 19:00

Tgt Ion:	252	Resp:	441540
Ion	Ratio	Lower	Upper
252	100		
254	65.0	52.1	78.1
126	11.3	9.1	13.7





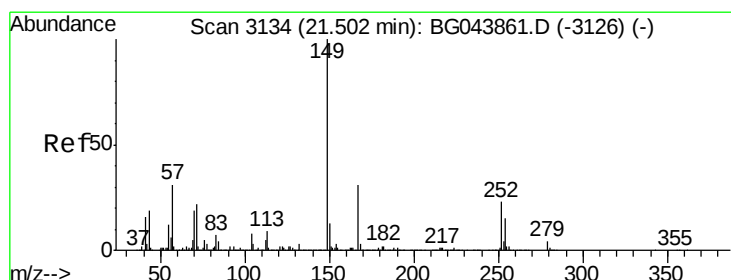
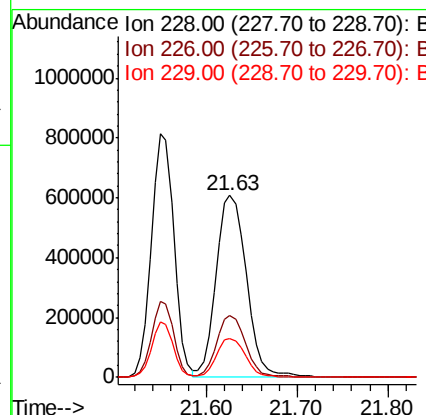
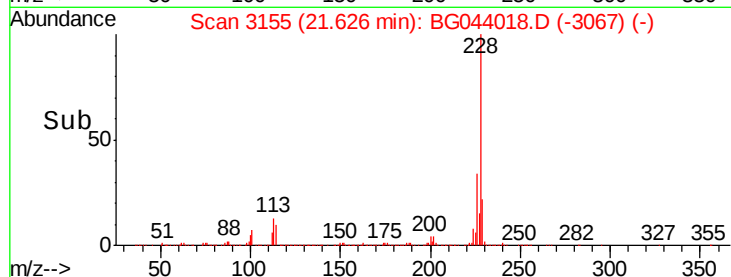
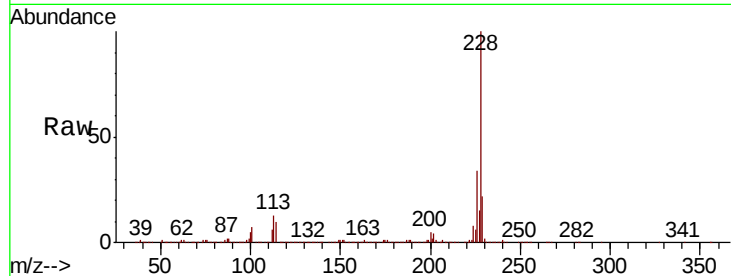
#83
Chrysene
Concen: 46.474 ng
RT: 21.63 min Scan# 3155
Delta R.T. -0.01 min
Lab File: BG044018.D
Acq: 13 Jan 2020 19:00

Instrument :
BNA_G
ClientSampleId :
PB126034BSD

Tot Ion: 228 Resp: 1411030
Ion Ratio Lower Upper
228 100
226 34.2 28.8 43.2
229 21.6 19.0 28.6

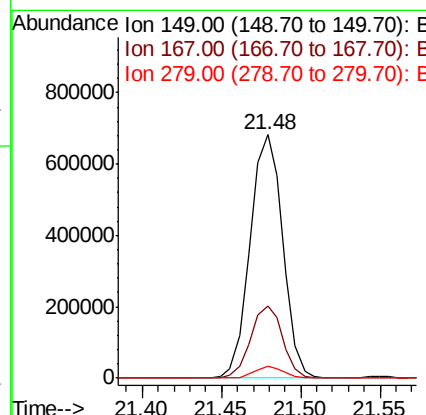
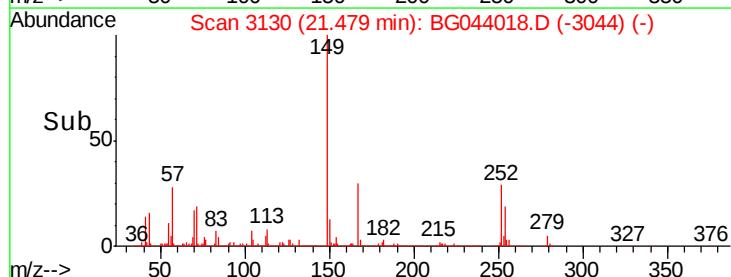
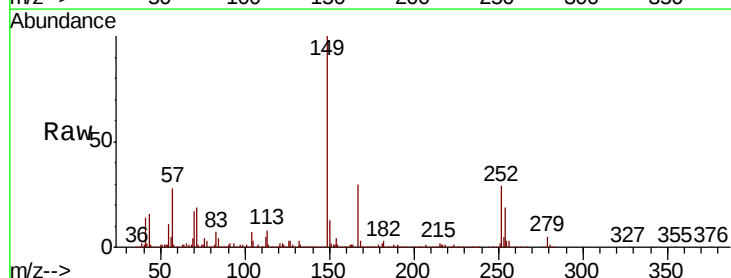
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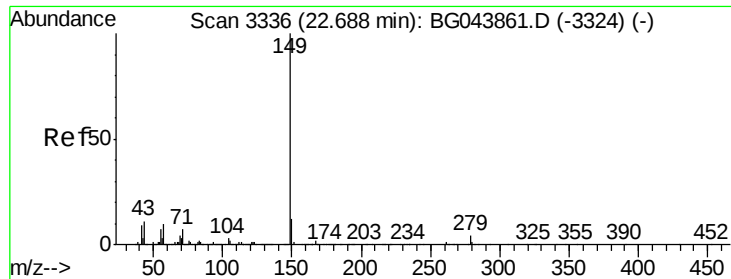
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#84
Bis(2-ethylhexyl)phthalate
Concen: 43.954 ng
RT: 21.48 min Scan# 3130
Delta R.T. -0.02 min
Lab File: BG044018.D
Acq: 13 Jan 2020 19:00

Tgt Ion: 149 Resp: 971227
Ion Ratio Lower Upper
149 100
167 29.9 24.7 37.1
279 4.8 3.3 4.9





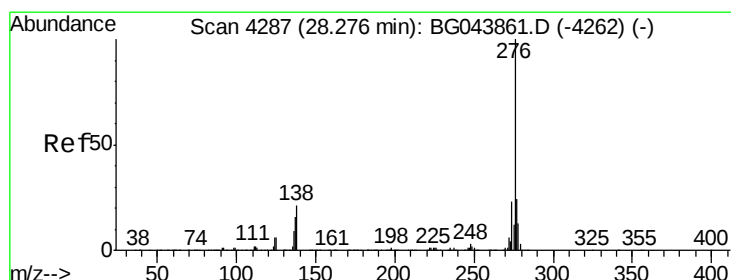
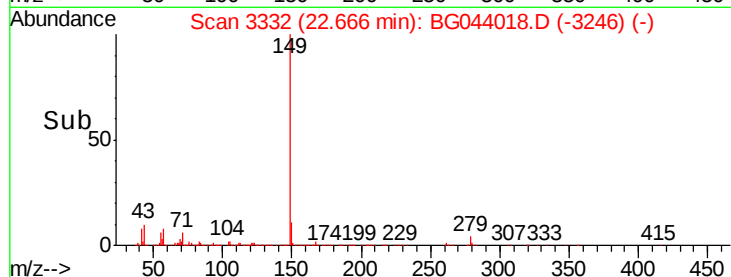
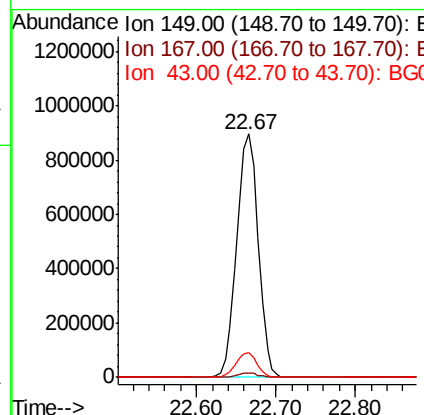
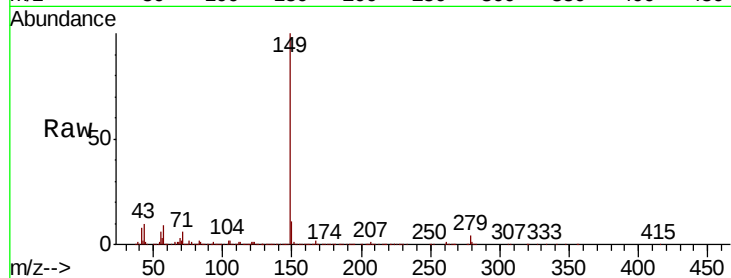
#85
Di-n-octyl phthalate
Concen: 45.307 ng
RT: 22.67 min Scan# 3332
Delta R.T. -0.02 min
Lab File: BG044018.D
Acq: 13 Jan 2020 19:00

Instrument :
BNA_G
ClientSampleId :
PB126034BSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.4	2.0
43	9.8	8.8	13.2

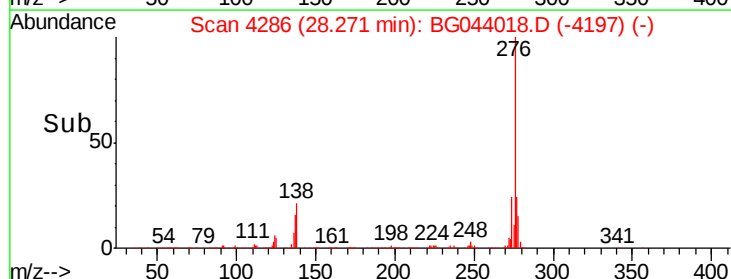
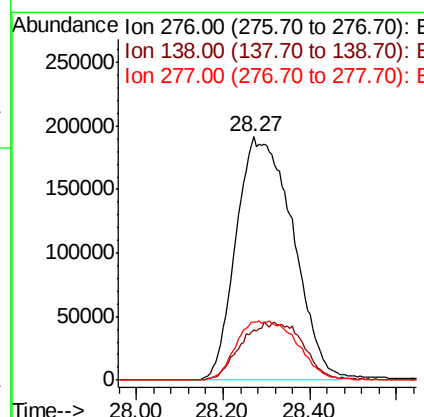
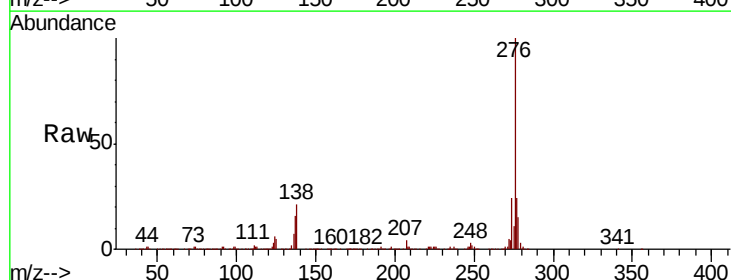
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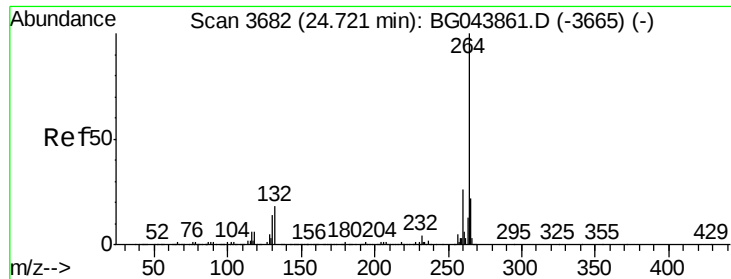
mohammad
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#86
Indeno(1,2,3-cd)pyrene
Concen: 41.841 ng m
RT: 28.27 min Scan# 4286
Delta R.T. -0.01 min
Lab File: BG044018.D
Acq: 13 Jan 2020 19:00

Tgt Ion	Ratio	Lower	Upper
276	100		
138	0.0	21.0	31.4#
277	9.3	21.1	31.7#





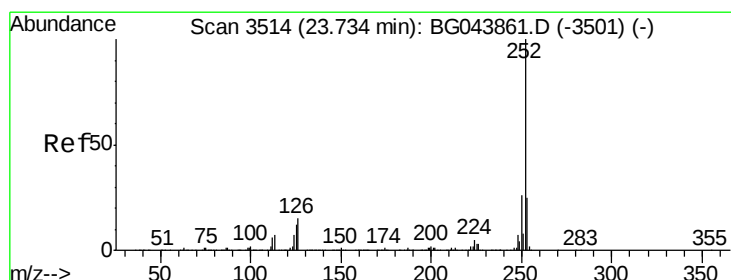
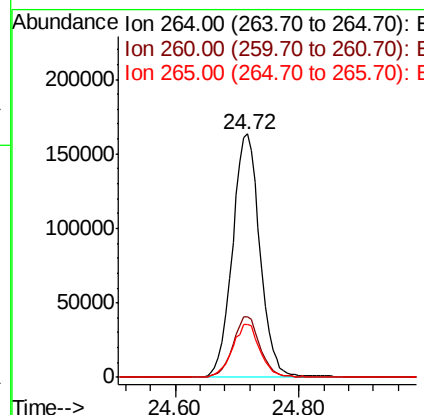
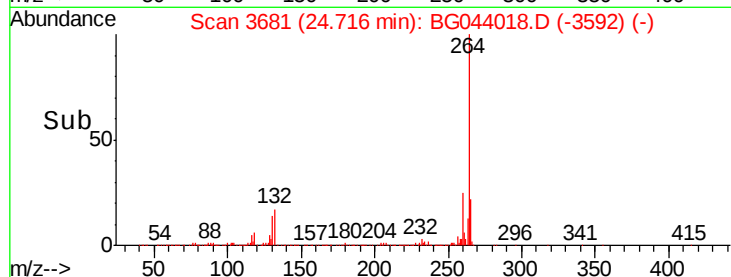
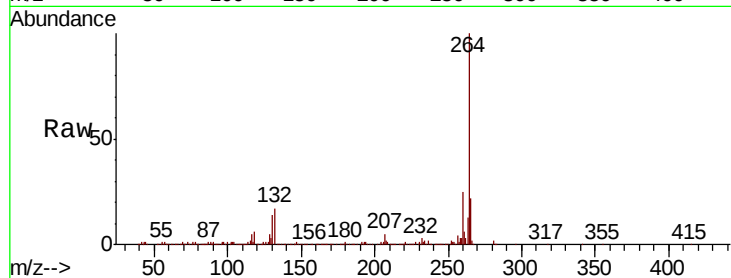
#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.72 min Scan# 3681
Delta R.T. -0.01 min
Lab File: BG044018.D
Acq: 13 Jan 2020 19:00

Instrument :
BNA_G
ClientSampleId :
PB126034BSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.0	20.4	30.6
265	21.7	17.4	26.2

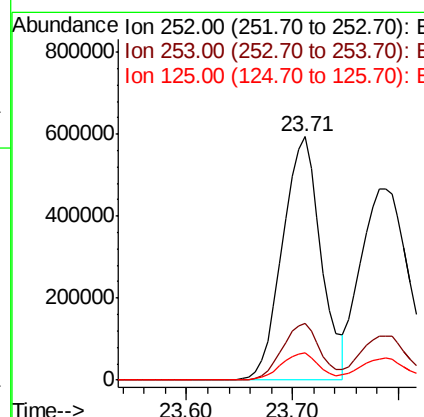
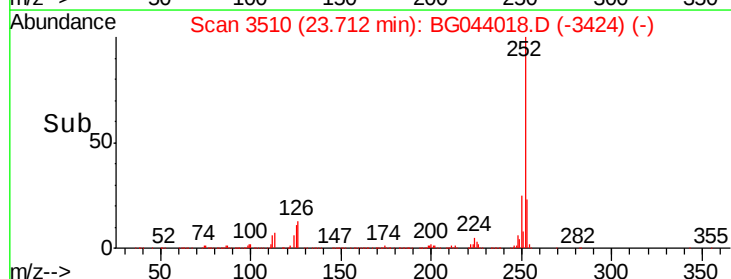
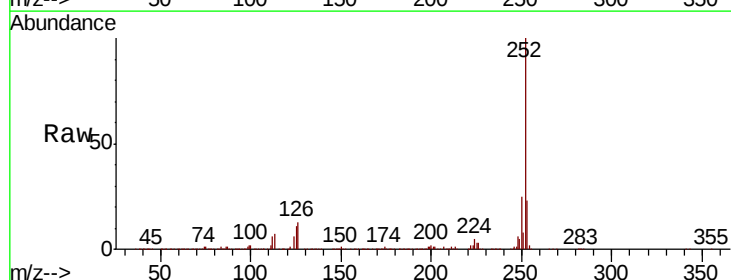
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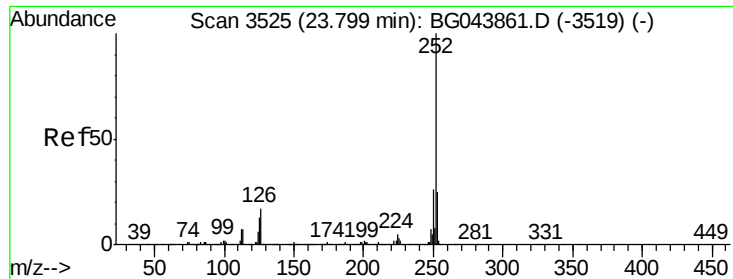
mohammad
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#88
Benzo(b)fluoranthene
Concen: 50.229 ng
RT: 23.71 min Scan# 3510
Delta R.T. -0.02 min
Lab File: BG044018.D
Acq: 13 Jan 2020 19:00

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.4	19.7	29.5
125	11.4	9.4	14.2





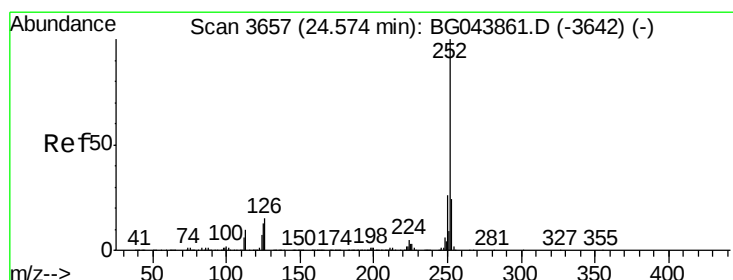
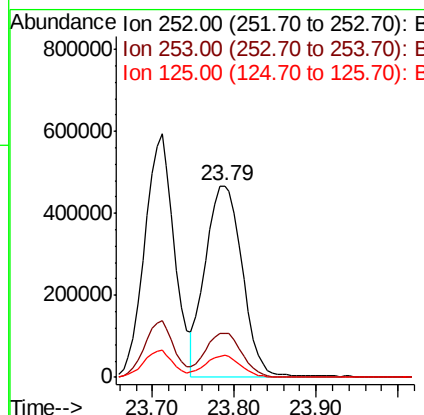
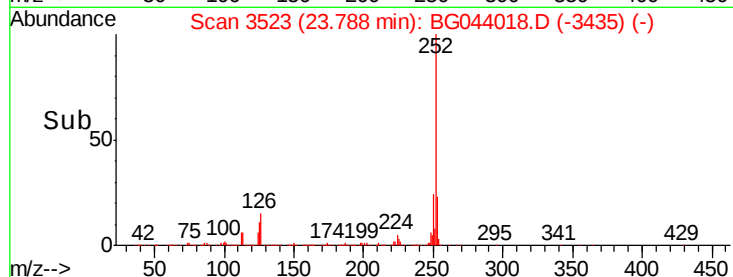
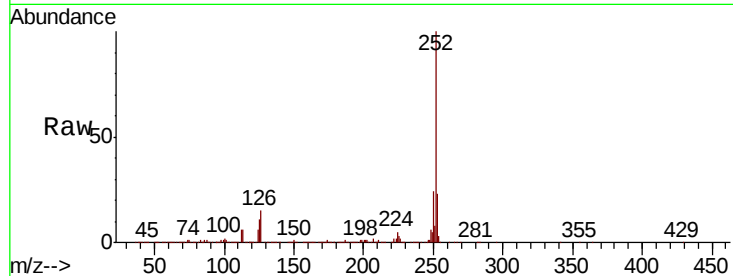
#89
Benzo(k)fluoranthene
Concen: 51.423 ng
RT: 23.79 min Scan# 3523
Delta R.T. -0.01 min
Lab File: BG044018.D
Acq: 13 Jan 2020 19:00

Instrument :
BNA_G
ClientSampleId :
PB126034BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.3	19.4	29.2
125	11.4	9.9	14.9

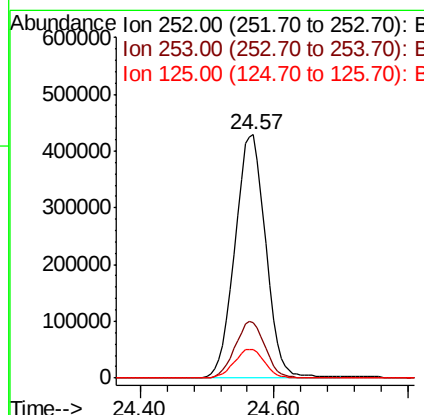
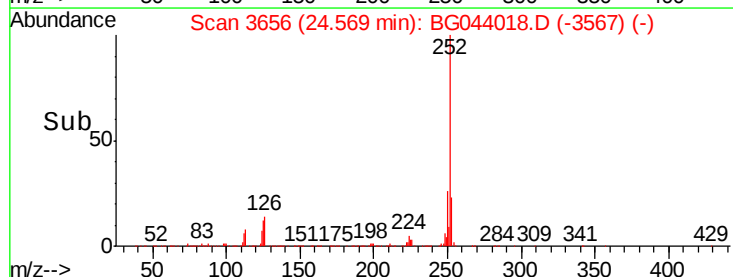
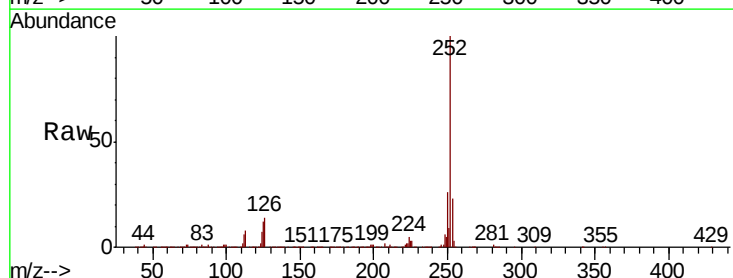
Manual Integrations
APPROVED

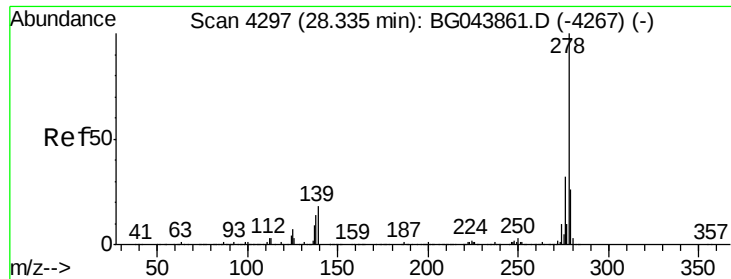
mohammad
1/14/2020 12:24:50 PM



#90
Benzo(a)pyrene
Concen: 48.496 ng
RT: 24.57 min Scan# 3656
Delta R.T. -0.01 min
Lab File: BG044018.D
Acq: 13 Jan 2020 19:00

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	19.3	28.9
125	11.8	10.4	15.6





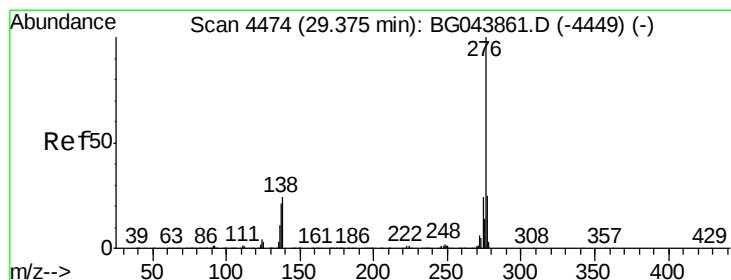
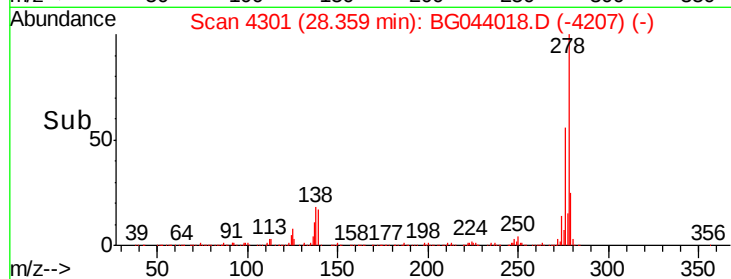
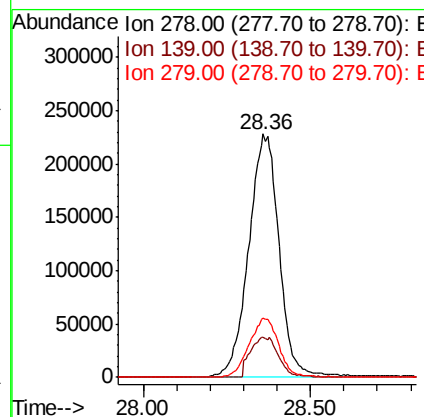
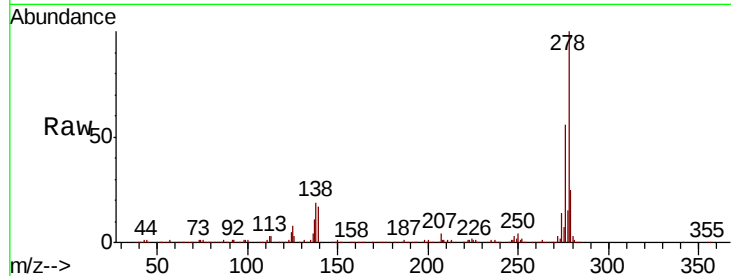
#91
Dibenzo(a,h)anthracene
Concen: 50.907 ng
RT: 28.36 min Scan# 4301
Delta R.T. 0.02 min
Lab File: BG044018.D
Acq: 13 Jan 2020 19:00

Instrument :
BNA_G
ClientSampleId :
PB126034BSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.7	14.2	21.4
279	24.5	20.6	30.8

Manual Integrations
APPROVED

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#92
Benzo(g,h,i)perylene
Concen: 51.903 ng
RT: 29.48 min Scan# 4491
Delta R.T. 0.10 min
Lab File: BG044018.D
Acq: 13 Jan 2020 19:00

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.7	20.2	30.4
138	22.0	19.0	28.6

