

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011520\
 Data File : BG044052.D
 Acq On : 15 Jan 2020 16:31
 Operator : JU
 Sample : PB126095BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB126095BS

Manual Integrations
 APPROVED

mohammad
 1/16/2020 2:25:46 PM

Quant Time: Jan 16 08:24:32 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	7.94	152	84259	20.00	ng	-0.02
21) Naphthalene-d8	10.74	136	356284	20.00	ng	-0.02
39) Acenaphthene-d10	14.57	164	237425	20.00	ng	-0.02
64) Phenanthrene-d10	17.32	188	530730	20.00	ng	-0.02
76) Chrysene-d12	21.57	240	464058	20.00	ng	-0.02
87) Perylene-d12	24.68	264	521193	20.00	ng	-0.04

System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	416597	90.78	ng	-0.01
7) Phenol-d6	7.11	99	549740	85.70	ng	-0.01
23) Nitrobenzene-d5	9.10	82	529655	79.53	ng	-0.02
42) 2,4,6-Tribromophenol	16.07	330	216644	87.19	ng	-0.02
45) 2-Fluorobiphenyl	13.20	172	1201198	91.66	ng	-0.02
79) Terphenyl-d14	19.93	244	1831037	99.32	ng	-0.02

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.41	88	93901	46.930	ng	96
3) Pyridine	3.81	79	219396	37.117	ng	93
4) n-Nitrosodimethylamine	3.72	42	107557	40.870	ng	94
6) Aniline	7.27	93	281087	33.362	ng	98
8) 2-Chlorophenol	7.51	128	258115	47.911	ng	97
9) Benzaldehyde	7.07	77	149246	36.353	ng	98
10) Phenol	7.14	94	321454	48.639	ng	97
11) bis(2-Chloroethyl)ether	7.36	93	234234	41.058	ng	98
12) 1,3-Dichlorobenzene	7.84	146	268340	42.565	ng	98
13) 1,4-Dichlorobenzene	7.98	146	266740	42.882	ng	98
14) 1,2-Dichlorobenzene	8.29	146	256149	42.902	ng	97
15) Benzyl Alcohol	8.18	79	213254	42.124	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.48	45	312653	35.424	ng	98
17) 2-Methylphenol	8.39	107	222290	46.478	ng	98
18) Hexachloroethane	9.03	117	98138	40.546	ng	96
19) n-Nitroso-di-n-propylamine	8.75	70	184033	38.525	ng	# 96
20) 3+4-Methylphenols	8.72	107	305683	45.816	ng	97
22) Acetophenone	8.76	105	349385	39.445	ng	# 97
24) Nitrobenzene	9.14	77	261360	39.622	ng	97
25) Isophorone	9.67	82	502385	40.207	ng	99
26) 2-Nitrophenol	9.85	139	143322	45.925	ng	98
27) 2,4-Dimethylphenol	9.92	122	244392	52.023	ng	97
28) bis(2-Chloroethoxy)methane	10.15	93	319072	38.304	ng	98
29) 2,4-Dichlorophenol	10.39	162	258259	46.088	ng	97
30) 1,2,4-Trichlorobenzene	10.61	180	249491	39.709	ng	98
31) Naphthalene	10.80	128	744149	43.161	ng	99
32) Benzoic acid	10.06	122	125611	34.812	ng	92
33) 4-Chloroaniline	10.90	127	192184	23.370	ng	98
34) Hexachlorobutadiene	11.09	225	142922	37.257	ng	98
35) Caprolactam	11.66	113	98001m	46.980	ng	
36) 4-Chloro-3-methylphenol	12.03	107	272884	45.745	ng	98
37) 2-Methylnaphthalene	12.40	142	556387	42.864	ng	98
38) 1-Methylnaphthalene	12.62	142	529550	43.045	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.77	216	265318	38.126	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.76	237	355496	98.536	nq	98
43) 2,4,6-Trichlorophenol	13.01	196	203504	42.500	nq	98
44) 2,4,5-Trichlorophenol	13.09	196	224300	45.418	nq	98
46) 1,1'-Biphenyl	13.41	154	706838	41.522	nq	99
47) 2-Chloronaphthalene	13.45	162	550086	39.990	nq	98
48) 2-Nitroaniline	13.65	65	169791	38.373	nq	93
49) Acenaphthylene	14.30	152	884940	44.759	nq	97
50) Dimethylphthalate	14.03	163	718808	42.639	nq	98
51) 2,6-Dinitrotoluene	14.15	165	165254	43.370	nq	95
52) Acenaphthene	14.64	154	555093	40.035	nq	98
53) 3-Nitroaniline	14.47	138	118556	27.399	nq	97
54) 2,4-Dinitrophenol	14.68	184	190727	97.002	nq	97
55) Dibenzofuran	14.97	168	844706	44.256	nq	97
56) 4-Nitrophenol	14.79	139	315739	95.223	nq	93
57) 2,4-Dinitrotoluene	14.93	165	234811	45.289	nq	98
58) Fluorene	15.63	166	677811	44.804	nq	98
59) 2,3,4,6-Tetrachlorophenol	15.20	232	193928	45.666	nq	96
60) Diethylphthalate	15.40	149	729689	43.276	nq	98
61) 4-Chlorophenyl-phenylether	15.62	204	348071	42.372	nq	96
62) 4-Nitroaniline	15.64	138	167991	39.315	nq	93
63) Azobenzene	15.91	77	657863	42.070	nq	99
65) 4,6-Dinitro-2-methylphenol	15.70	198	141548	51.420	nq	91
66) n-Nitrosodiphenylamine	15.83	169	635687	40.673	nq	99
67) 4-Bromophenyl-phenylether	16.51	248	229748	38.490	nq	97
68) Hexachlorobenzene	16.64	284	250762	38.987	nq	95
69) Atrazine	16.78	200	243546	47.939	nq	97
70) Pentachlorophenol	16.98	266	293083	82.662	nq	99
71) Phenanthrene	17.36	178	1091847	42.891	nq	98
72) Anthracene	17.45	178	1131891	44.991	nq	97
73) Carbazole	17.72	167	1032671	44.437	nq	97
74) Di-n-butylphthalate	18.29	149	1271098	42.840	nq	97
75) Fluoranthene	19.37	202	1276242	43.837	nq	97
77) Benzidine	19.55	184	563307	48.293	nq	98
78) Pyrene	19.73	202	1283420	42.370	nq	97
80) Butylbenzylphthalate	20.62	149	589655	40.888	nq	95
81) Benzo(a)anthracene	21.55	228	1215137	42.229	nq	97
82) 3,3'-Dichlorobenzidine	21.47	252	337929	29.726	nq	98
83) Chrysene	21.61	228	1171790	42.857	nq	97
84) Bis(2-ethylhexyl)phthalate	21.47	149	830597	41.742	nq	98
85) Di-n-octyl phthalate	22.65	149	1425468	42.612	nq	97
86) Indeno(1,2,3-cd)pyrene	28.21	276	1482556	39.899	nq	100
88) Benzo(b)fluoranthene	23.70	252	1266394	41.101	nq	98
89) Benzo(k)fluoranthene	23.76	252	1257451	42.917	nq	98
90) Benzo(a)pyrene	24.53	252	1176554	40.458	nq	98
91) Dibenzo(a,h)anthracene	28.26	278	1221063	41.809	nq	98
92) Benzo(g,h,i)perylene	29.31	276	1243194	42.853	nq	98

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

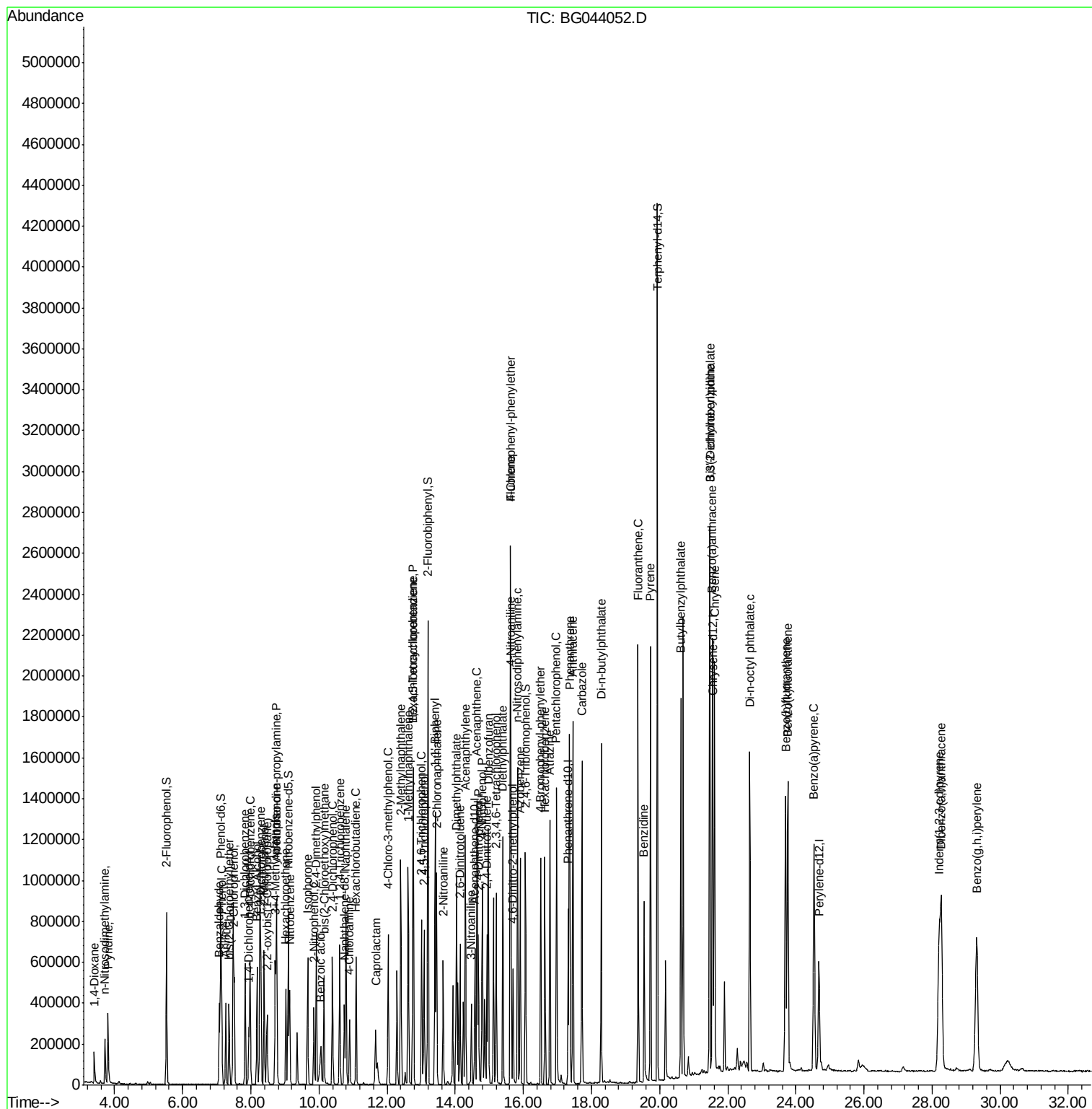
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011520\
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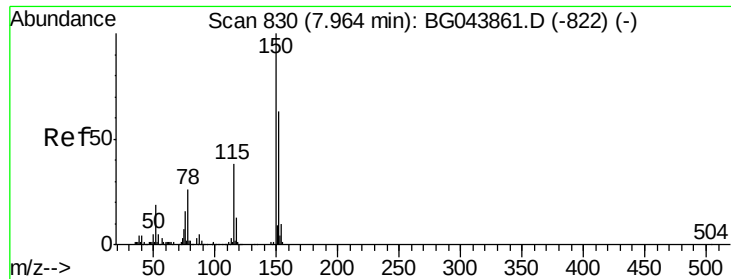
Instrument :
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ClientSampleId :
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#1

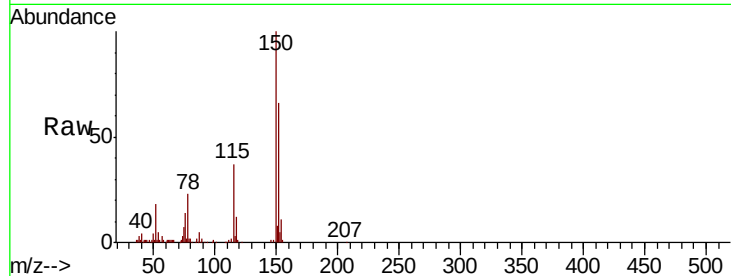
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.94 min Scan# 826
Delta R.T. -0.02 min
Lab File: BG044052.D
Acq: 15 Jan 2020 16:31

Instrument :
BNA_G
ClientSampleId :
PB126095BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.1	127.0	190.4
115	56.1	47.8	71.8

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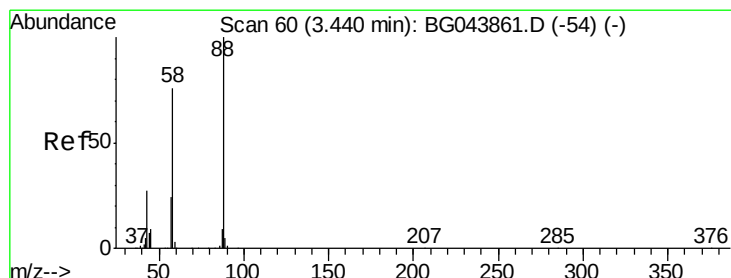
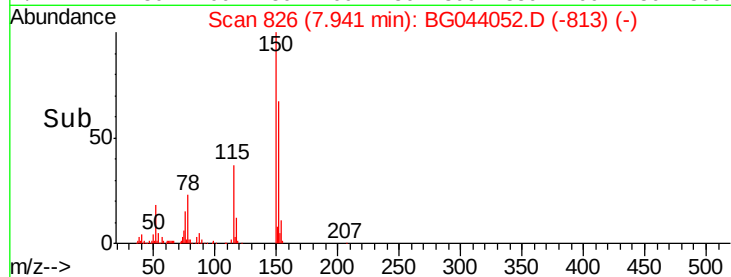
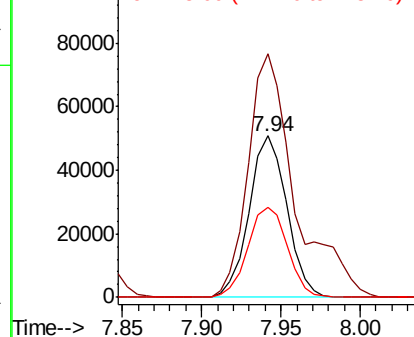


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

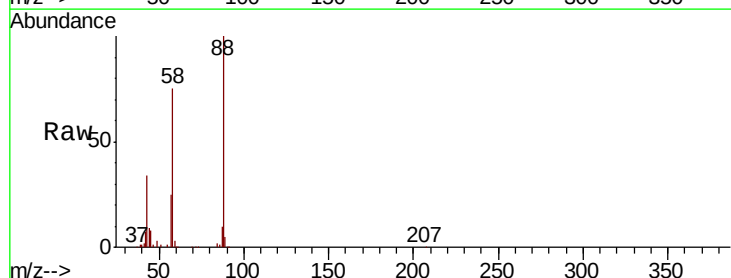
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 46.930 ng
RT: 3.41 min Scan# 54
Delta R.T. -0.03 min
Lab File: BG044052.D
Acq: 15 Jan 2020 16:31

Tgt Ion	Ratio	Lower	Upper
88	100		
58	70.6	59.8	89.8
43	28.0	22.9	34.3

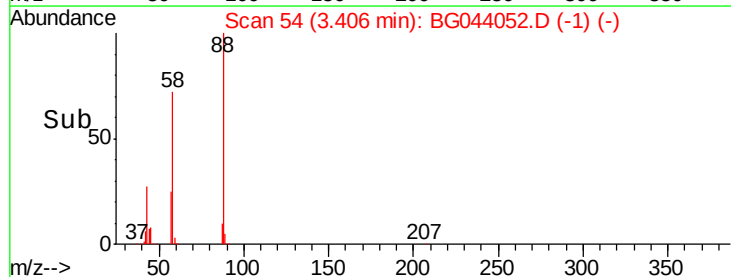
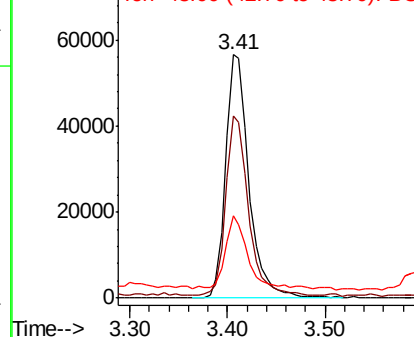


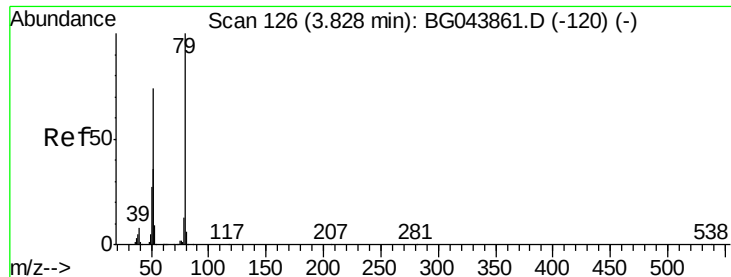
Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 37.117 ng

RT: 3.81 min Scan# 122

Delta R.T. -0.02 min

Lab File: BG044052.D

Acq: 15 Jan 2020 16:31

Instrument :

BNA_G

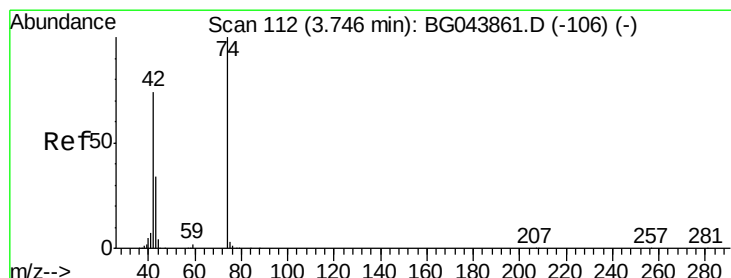
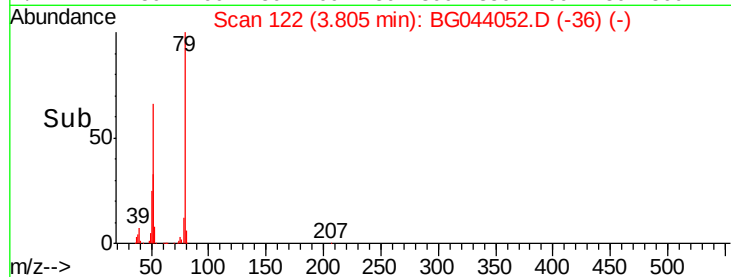
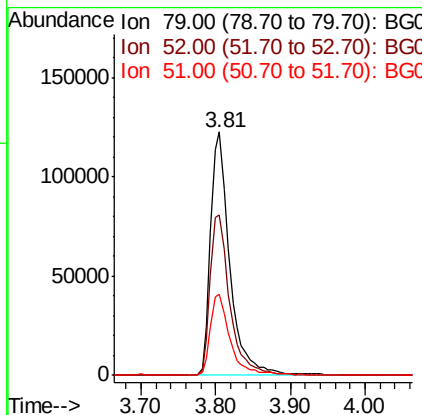
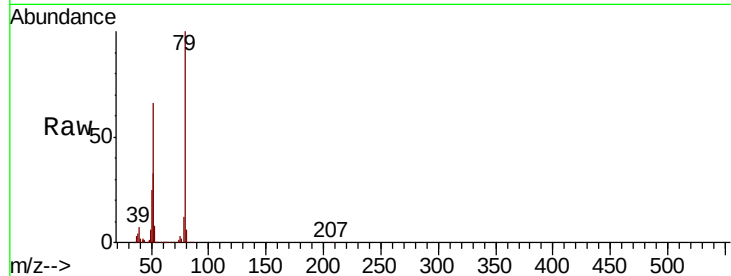
ClientSampleId :

PB126095BS

Tot Ion:	79	Resp:	219396
Ion Ratio	Lower	Upper	
79	100		
52	66.1	58.9	88.3
51	33.2	28.6	43.0

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#4

n-Nitrosodimethylamine

Concen: 40.870 ng

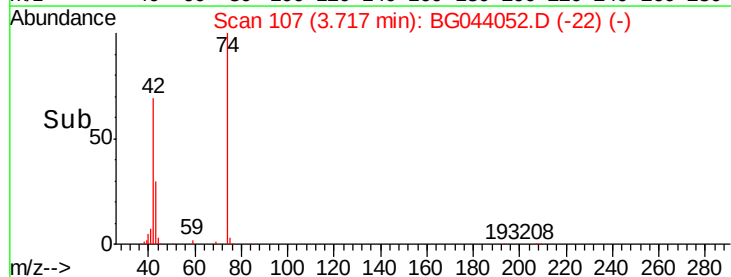
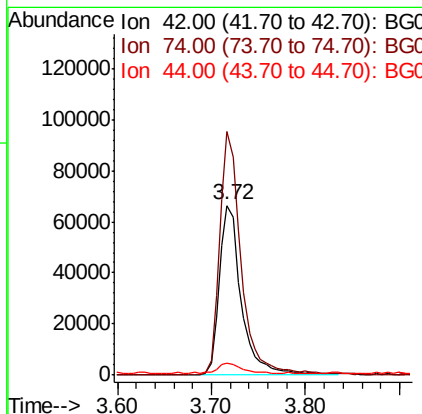
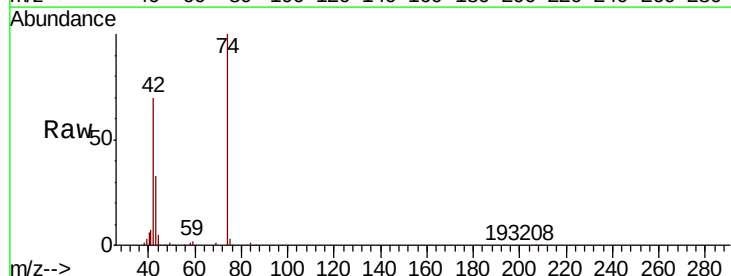
RT: 3.72 min Scan# 107

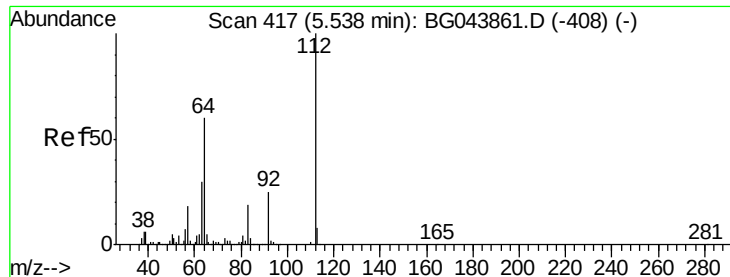
Delta R.T. -0.03 min

Lab File: BG044052.D

Acq: 15 Jan 2020 16:31

Tgt Ion:	42	Resp:	107557
Ion Ratio	Lower	Upper	
42	100		
74	143.7	108.6	162.8
44	6.9	5.0	7.6





#5

2-Fluorophenol

Concen: 90.782 ng

RT: 5.53 min Scan# 415

Delta R.T. -0.01 min

Lab File: BG044052.D

Acq: 15 Jan 2020 16:31

Instrument :

BNA_G

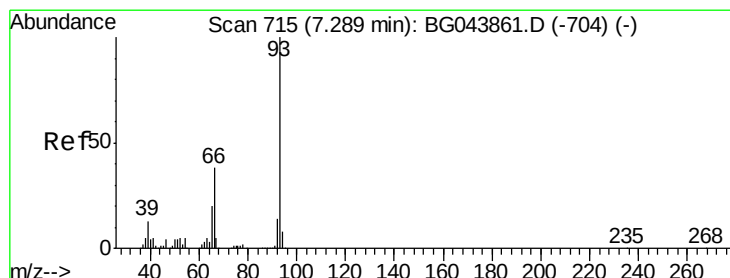
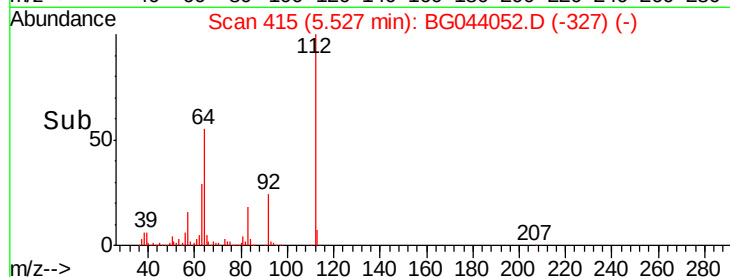
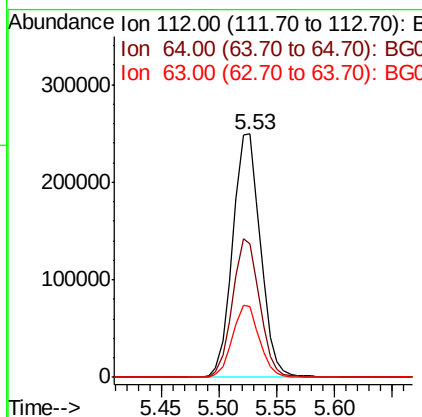
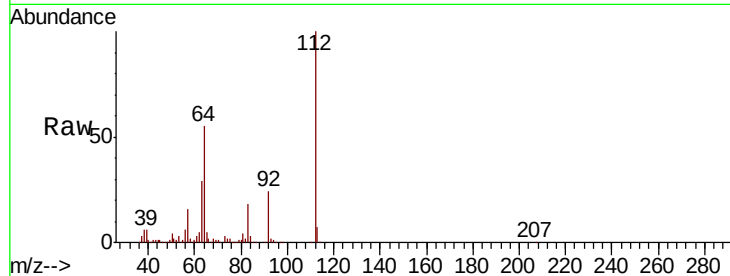
ClientSampleId :

PB126095BS

Tot Ion:	112	Resp:	416597
Ion Ratio	Lower	Upper	
112	100		
64	55.1	47.8	71.6
63	29.2	24.3	36.5

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#6

Aniline

Concen: 33.362 ng

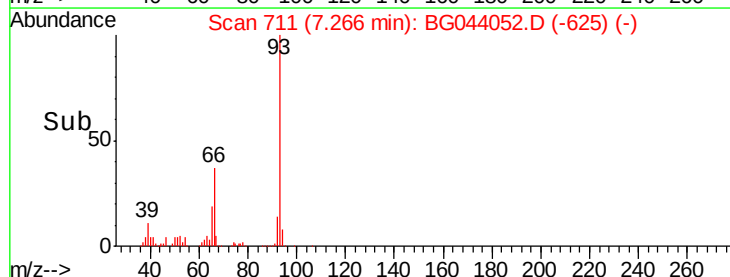
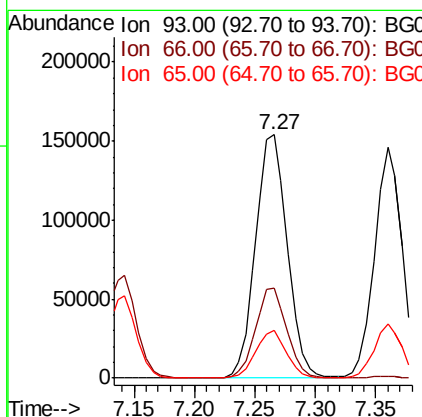
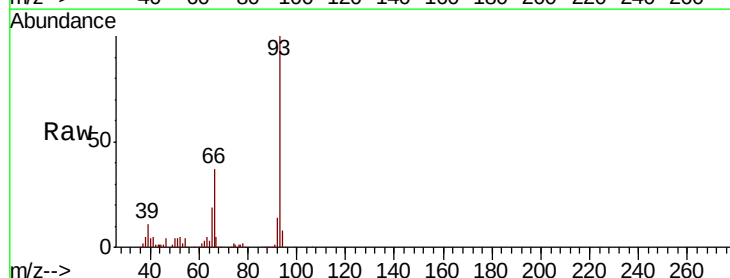
RT: 7.27 min Scan# 711

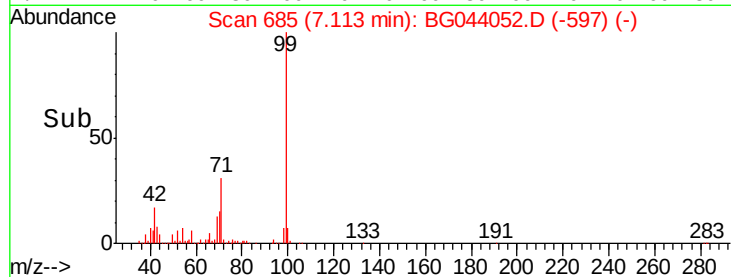
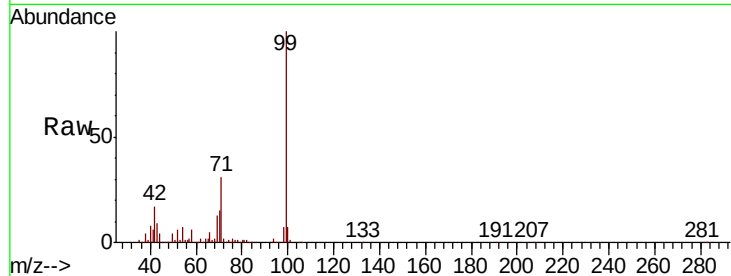
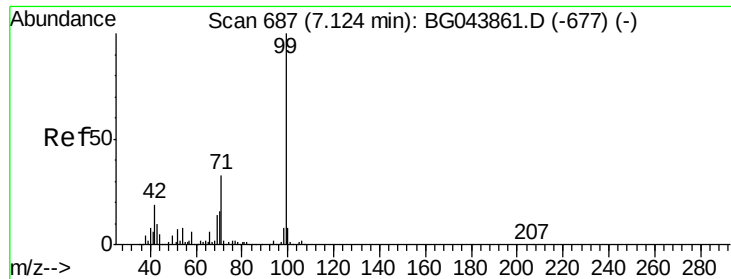
Delta R.T. -0.02 min

Lab File: BG044052.D

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Tgt Ion:	93	Resp:	281087
Ion Ratio	Lower	Upper	
93	100		
66	37.2	30.8	46.2
65	19.5	16.0	24.0





#7

Phenol-d6

Concen: 85.702 ng

RT: 7.11 min Scan# 685

Delta R.T. -0.01 min

Lab File: BG044052.D

Acq: 15 Jan 2020 16:31

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		549740		
42	17.4	14.9	22.3		
71	30.6	26.4	39.6		

Instrument :

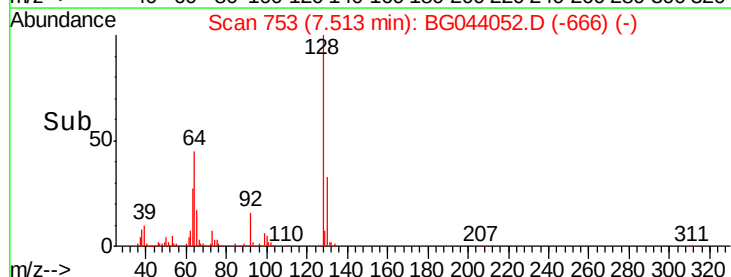
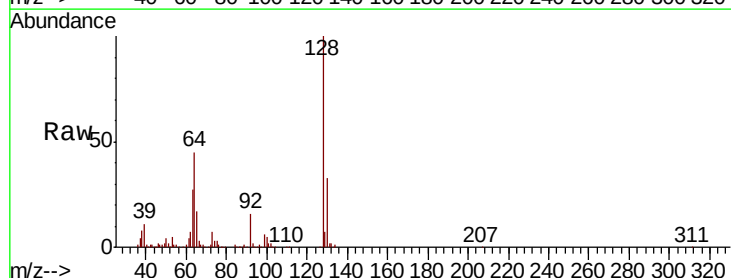
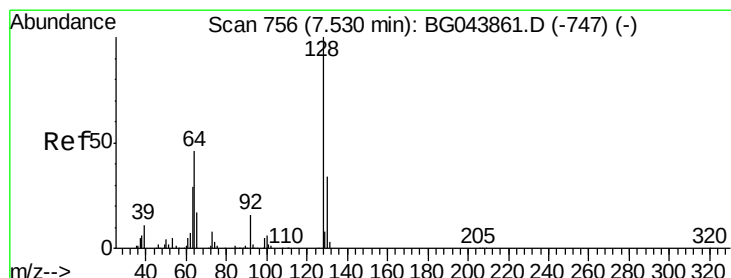
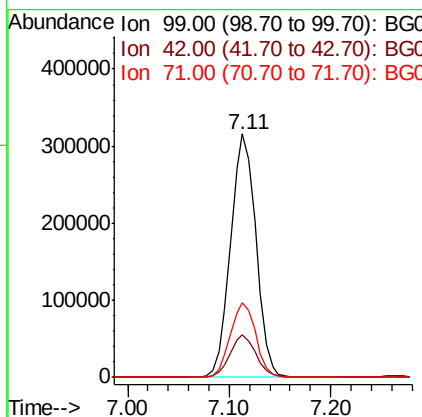
BNA_G

ClientSampleId :

PB126095BS

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#8

2-Chlorophenol

Concen: 47.911 ng

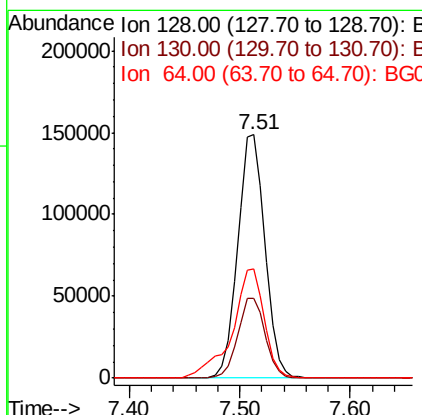
RT: 7.51 min Scan# 753

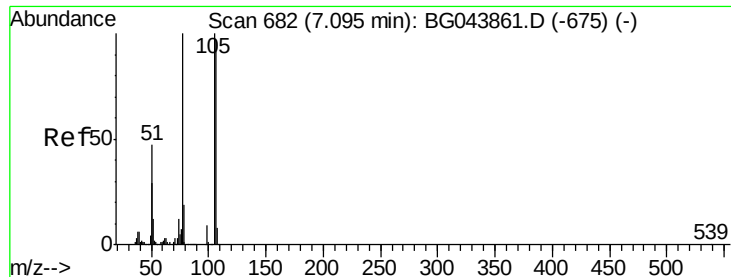
Delta R.T. -0.02 min

Lab File: BG044052.D

Acq: 15 Jan 2020 16:31

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		258115		
130	32.9	13.8	53.8		
64	44.8	27.6	67.6		





#9

Benzaldehyde

Concen: 36.353 ng

RT: 7.07 min Scan# 678

Delta R.T. -0.02 min

Lab File: BG044052.D

Acq: 15 Jan 2020 16:31

Instrument :

BNA_G

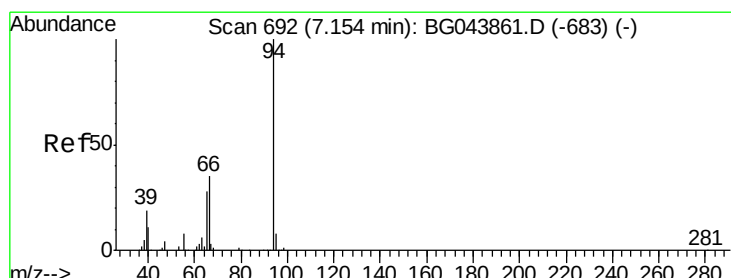
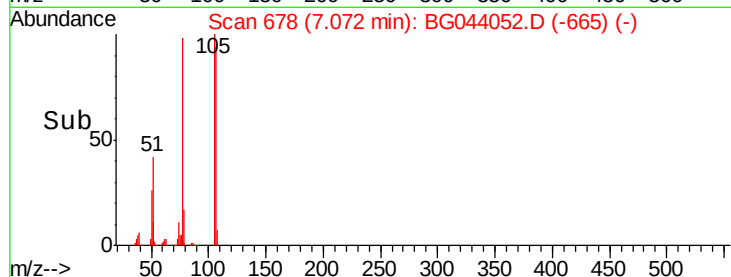
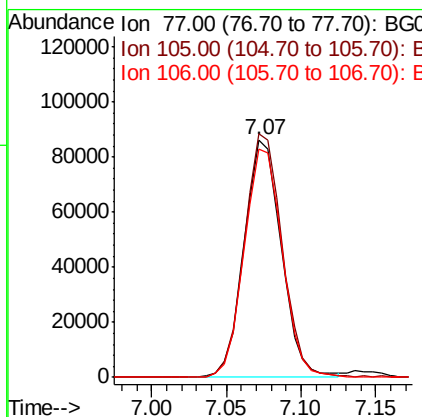
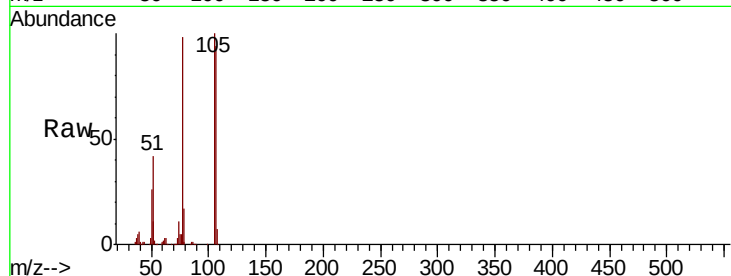
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Tot Ion:	77	Resp:	149246
Ion	Ratio	Lower	Upper
77	100		
105	102.4	80.2	120.2
106	96.3	77.2	117.2

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#10

Phenol

Concen: 48.639 ng

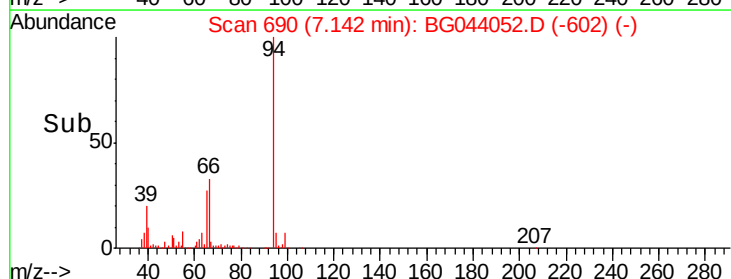
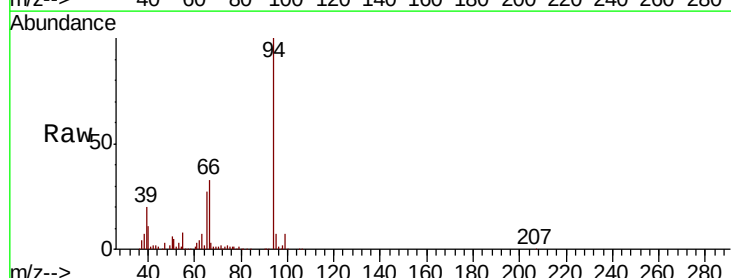
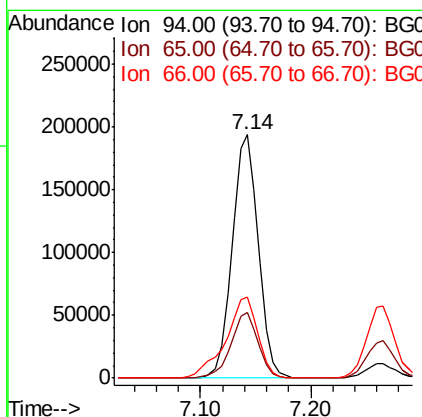
RT: 7.14 min Scan# 690

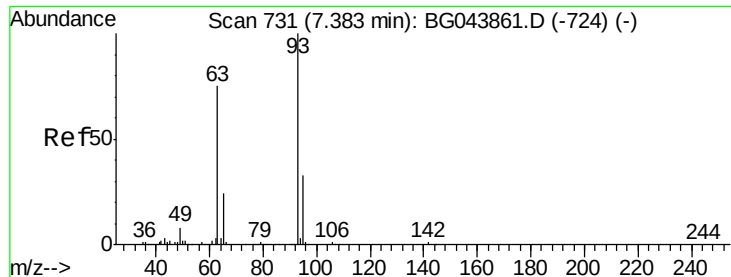
Delta R.T. -0.01 min

Lab File: BG044052.D

Acq: 15 Jan 2020 16:31

Tgt Ion:	94	Resp:	321454
Ion	Ratio	Lower	Upper
94	100		
65	26.9	8.1	48.1
66	33.4	15.6	55.6





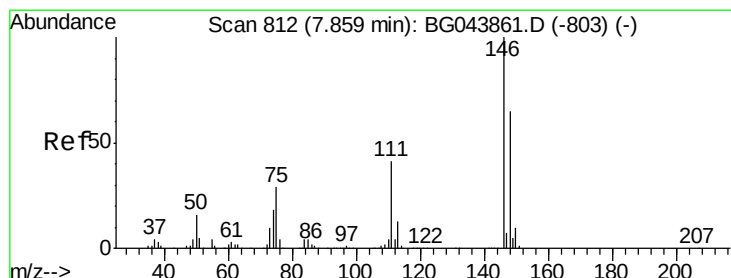
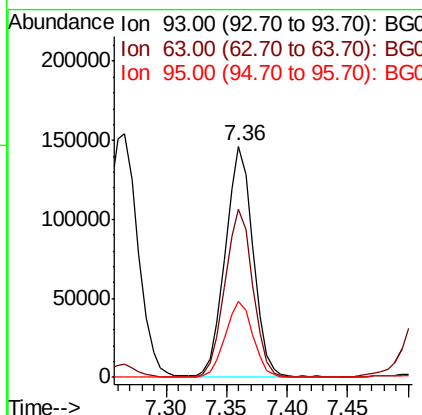
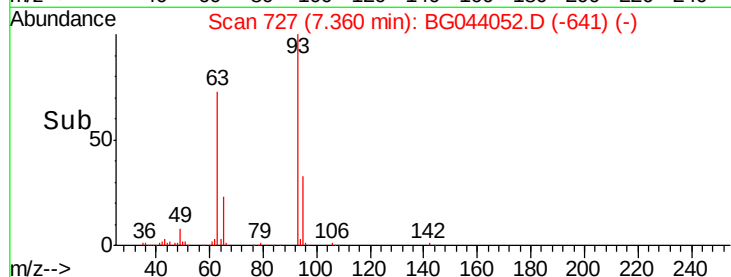
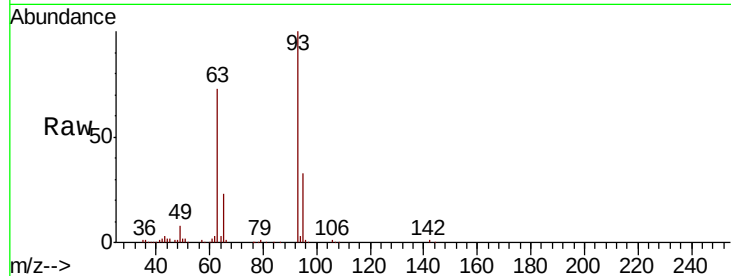
#11
bis(2-Chloroethyl)ether
Concen: 41.058 ng
RT: 7.36 min Scan# 727
Delta R.T. -0.02 min
Lab File: BG044052.D
Acq: 15 Jan 2020 16:31

Instrument :
BNA_G
ClientSampleId :
PB126095BS

Tot Ion:	93	Resp:	234234
Ion	Ratio	Lower	Upper
93	100		
63	72.9	55.0	95.0
95	32.8	13.3	53.3

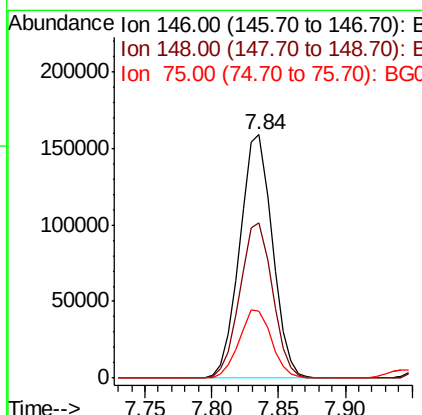
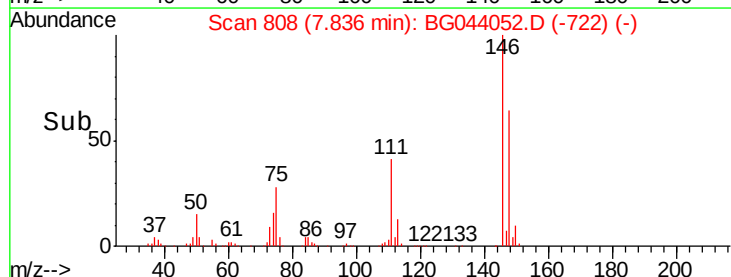
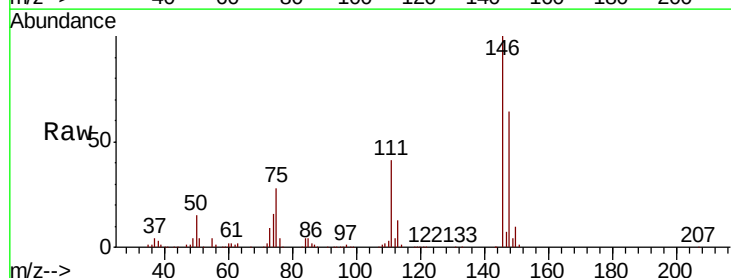
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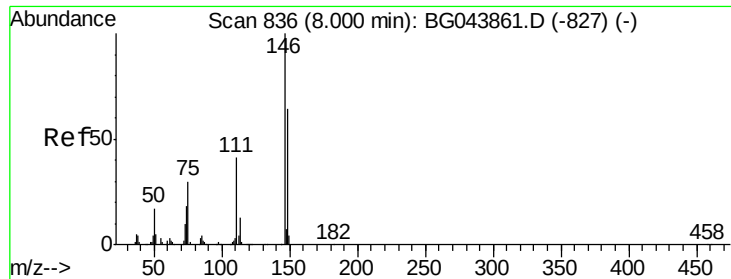
mohammad
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#12
1,3-Dichlorobenzene
Concen: 42.565 ng
RT: 7.84 min Scan# 808
Delta R.T. -0.02 min
Lab File: BG044052.D
Acq: 15 Jan 2020 16:31

Tgt Ion:	146	Resp:	268340
Ion	Ratio	Lower	Upper
146	100		
148	63.9	52.1	78.1
75	27.7	23.0	34.4





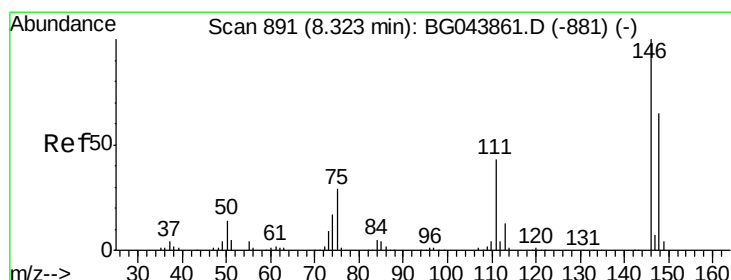
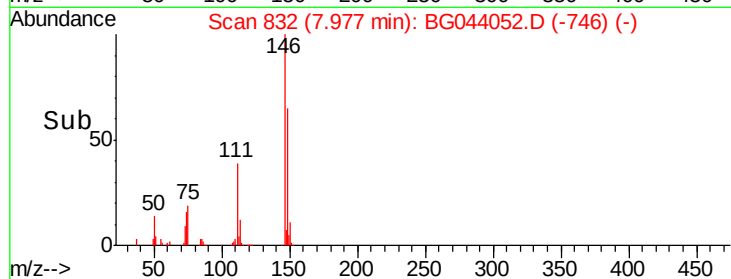
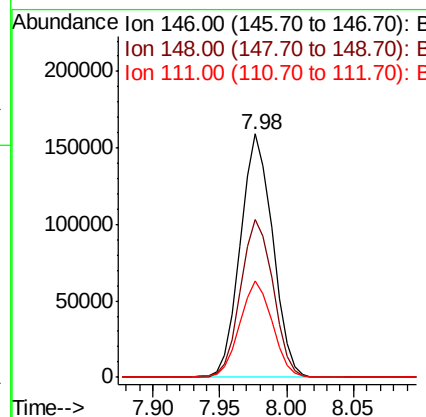
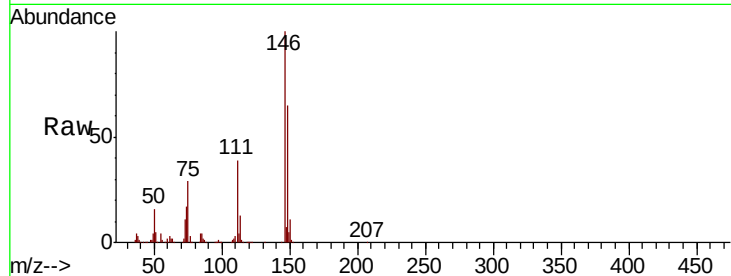
#13
 1,4-Dichlorobenzene
 Concen: 42.882 ng
 RT: 7.98 min Scan# 832
 Delta R.T. -0.02 min
 Lab File: BG044052.D
 Acq: 15 Jan 2020 16:31

Instrument :
 BNA_G
 ClientSampleId :
 PB126095BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.9	51.2	76.8
111	39.5	33.1	49.7

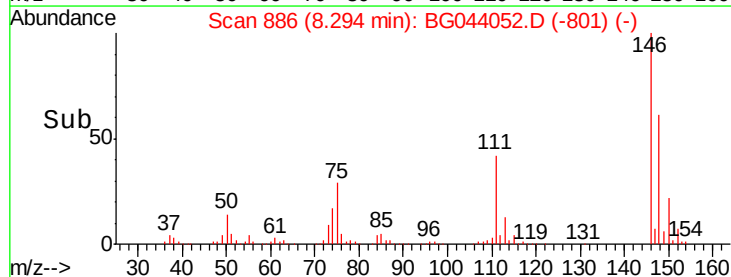
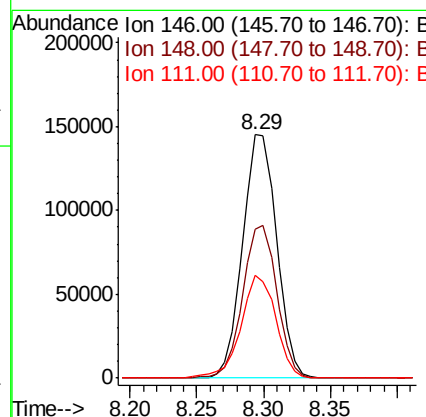
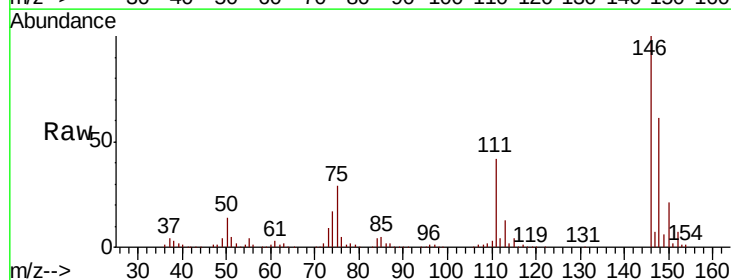
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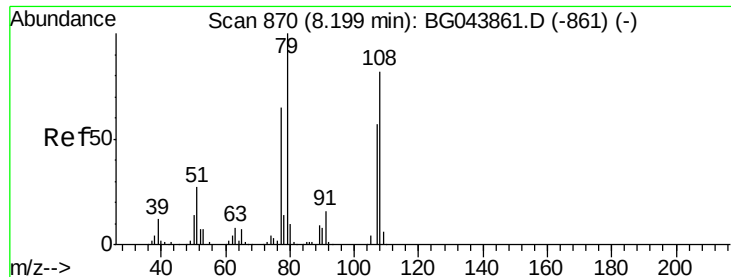
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#14
 1,2-Dichlorobenzene
 Concen: 42.902 ng
 RT: 8.29 min Scan# 886
 Delta R.T. -0.03 min
 Lab File: BG044052.D
 Acq: 15 Jan 2020 16:31

Tgt Ion	Ratio	Lower	Upper
146	100		
148	61.4	51.7	77.5
111	42.3	34.4	51.6





#15

Benzyl Alcohol

Concen: 42.124 ng

RT: 8.18 min Scan# 867

Delta R.T. -0.02 min

Lab File: BG044052.D

Acq: 15 Jan 2020 16:31

Instrument :

BNA_G

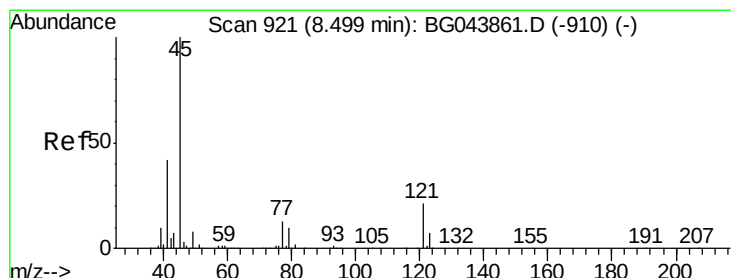
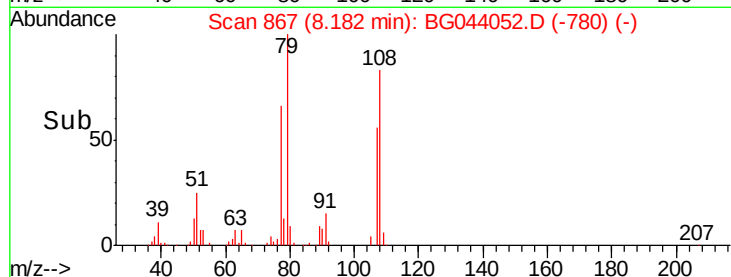
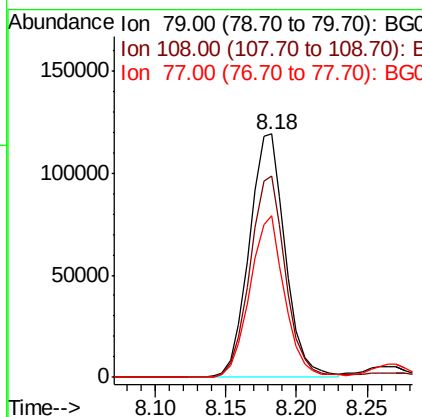
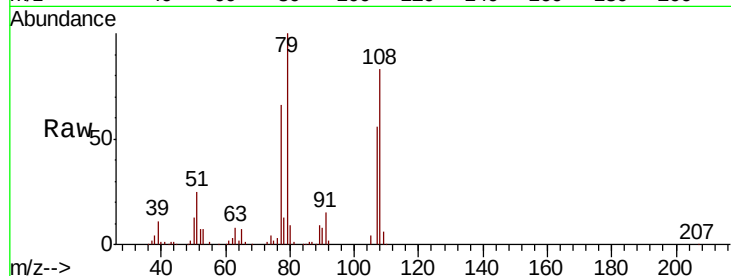
ClientSampleId :

PB126095BS

Tot Ion:	79	Resp:	213254
Ion	Ratio	Lower	Upper
79	100		
108	82.6	65.6	98.4
77	66.3	52.0	78.0

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#16

2,2'-oxybis(1-chloropropane)

Concen: 35.424 ng

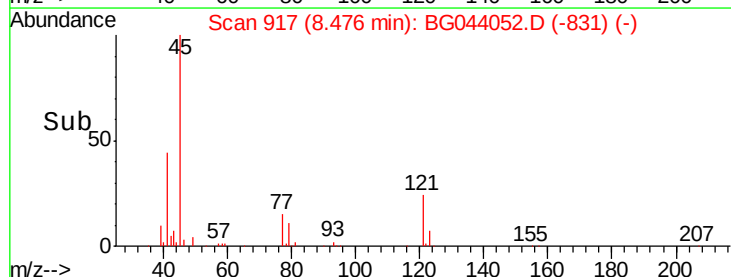
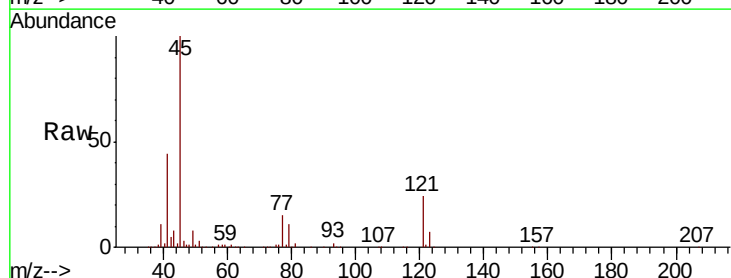
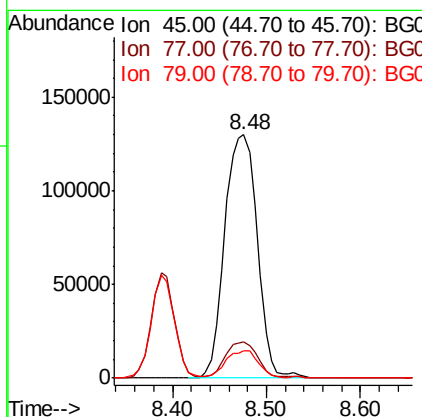
RT: 8.48 min Scan# 917

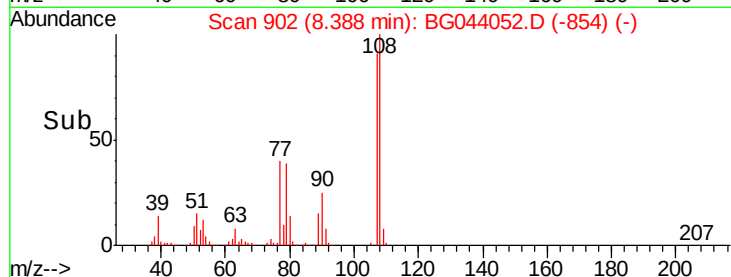
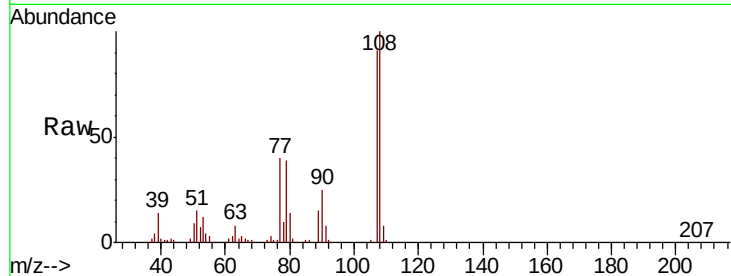
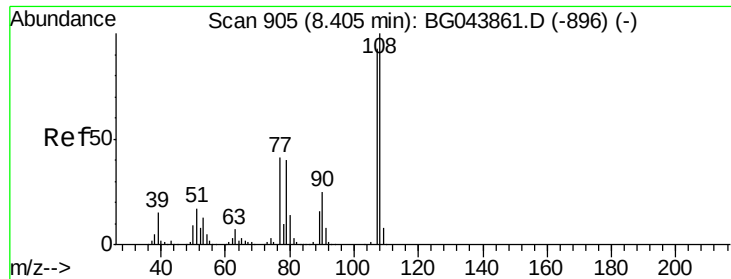
Delta R.T. -0.02 min

Lab File: BG044052.D

Acq: 15 Jan 2020 16:31

Tgt Ion:	45	Resp:	312653
Ion	Ratio	Lower	Upper
45	100		
77	15.0	0.0	33.8
79	11.0	0.0	31.0





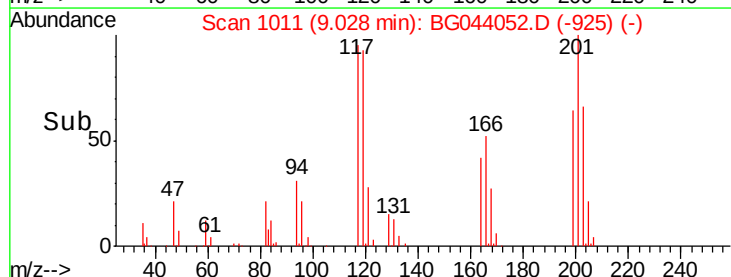
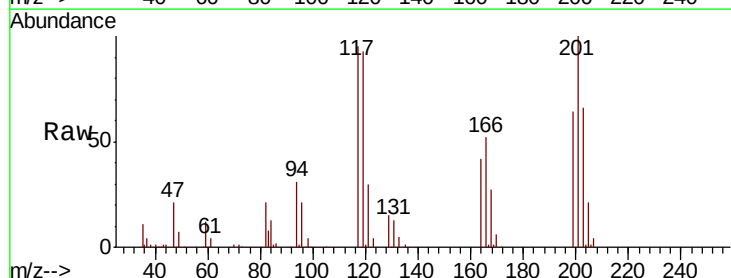
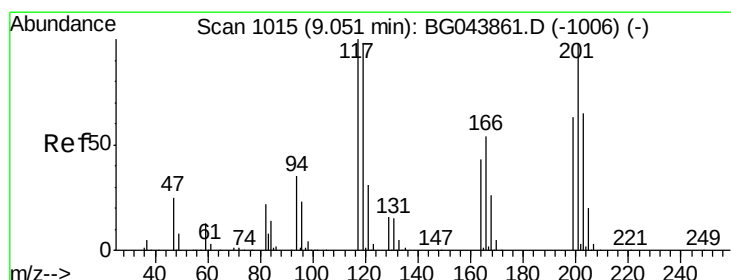
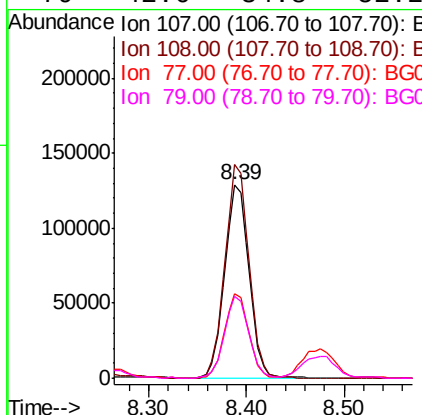
#17
2-Methylphenol
Concen: 46.478 ng
RT: 8.39 min Scan# 902
Delta R.T. -0.02 min
Lab File: BG044052.D
Acq: 15 Jan 2020 16:31

Tot Ion	Ratio	Resp	Lower	Upper
107	100	222290		
108	110.4	86.1	129.1	
77	43.8	35.4	53.0	
79	42.6	34.8	52.2	

Instrument :
BNA_G
ClientSampleId :
PB126095BS

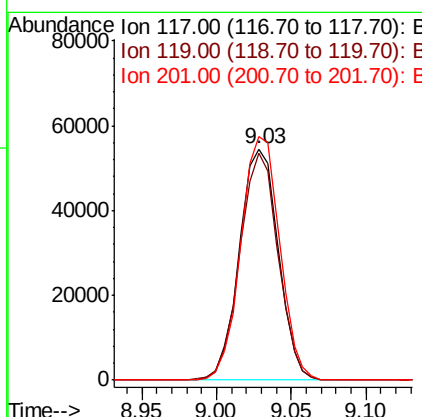
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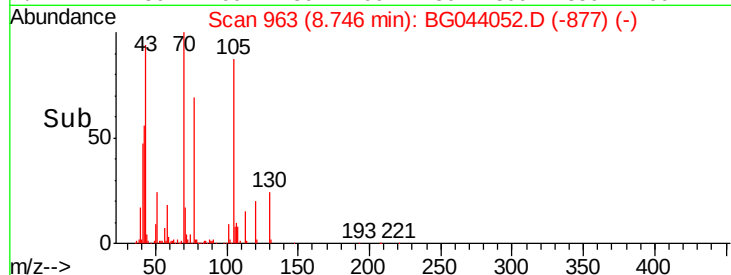
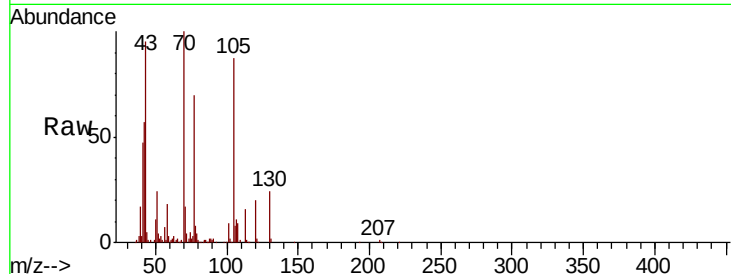
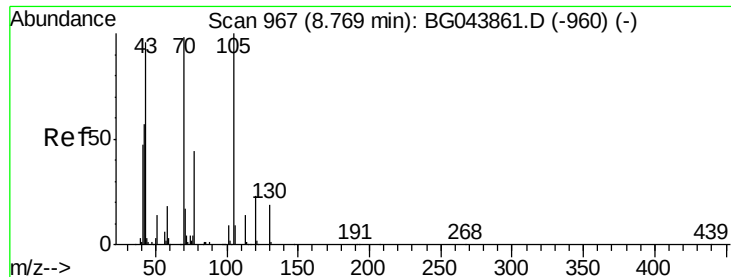
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#18
Hexachloroethane
Concen: 40.546 ng
RT: 9.03 min Scan# 1011
Delta R.T. -0.02 min
Lab File: BG044052.D
Acq: 15 Jan 2020 16:31

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	98138		
119	98.3	78.1	117.1	
201	105.5	78.6	117.8	





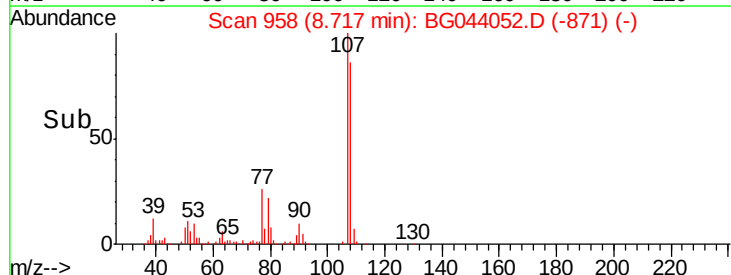
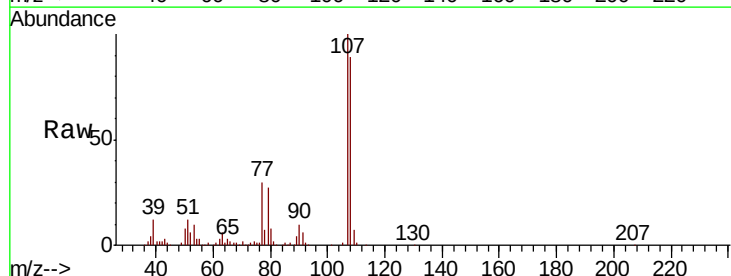
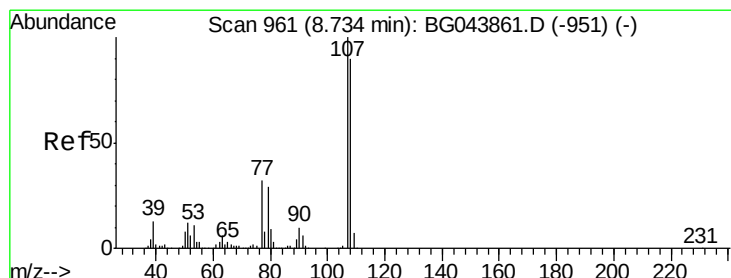
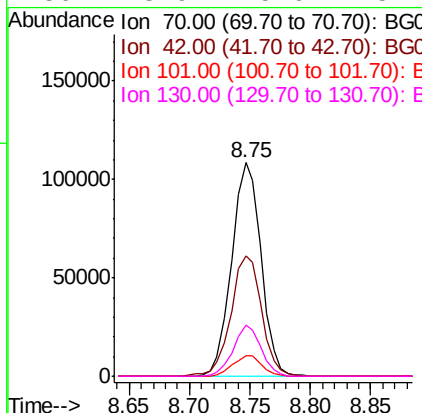
#19
n-Nitroso-di-n-propylamine
Concen: 38.525 ng
RT: 8.75 min Scan# 963
Delta R.T. -0.02 min
Lab File: BG044052.D
Acq: 15 Jan 2020 16:31

Instrument :
BNA_G
ClientSampleId :
PB126095BS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	56.6	47.0	70.4	
101	9.4	7.2	10.8	
130	23.9	15.6	23.4	

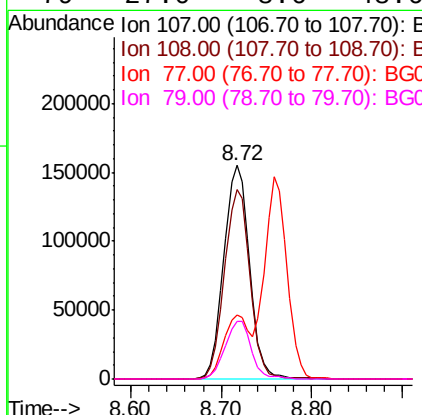
Manual Integrations
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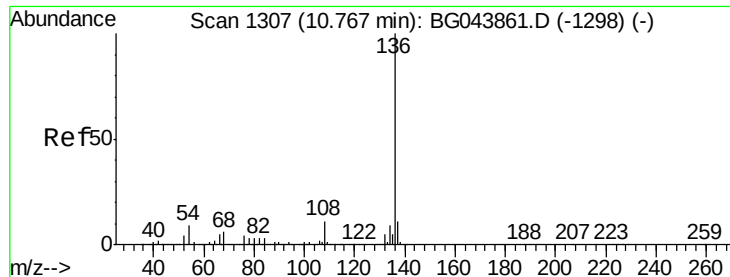
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#20
3+4-Methylphenols
Concen: 45.816 ng
RT: 8.72 min Scan# 958
Delta R.T. -0.02 min
Lab File: BG044052.D
Acq: 15 Jan 2020 16:31

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	88.7	70.3	110.3	
77	29.7	12.4	52.4	
79	27.0	8.6	48.6	





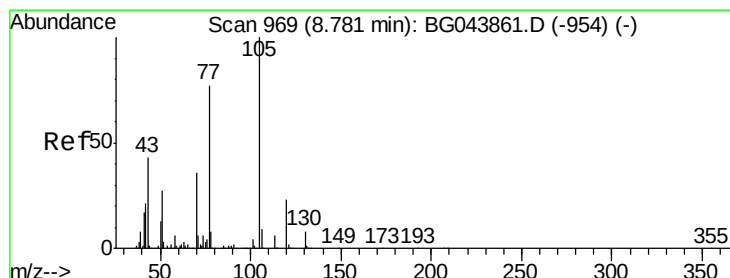
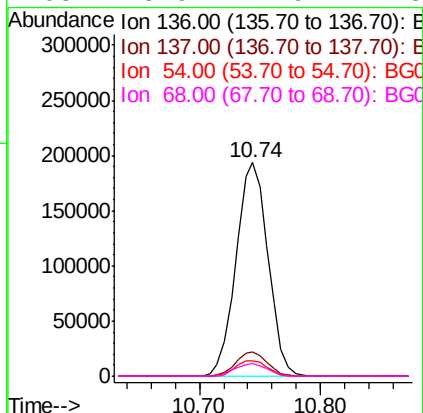
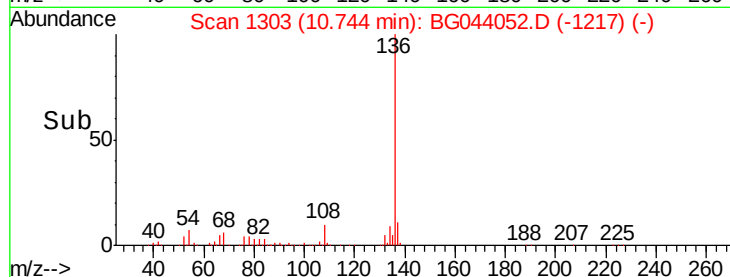
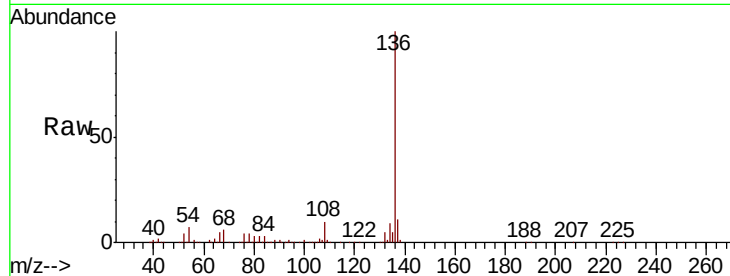
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.74 min Scan# 1303
Delta R.T. -0.02 min
Lab File: BG044052.D
Acq: 15 Jan 2020 16:31

Instrument :
BNA_G
ClientSampleId :
PB126095BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100				
137	11.5	8.8	13.2		
54	7.2	7.0	10.4		
68	5.9	4.9	7.3		

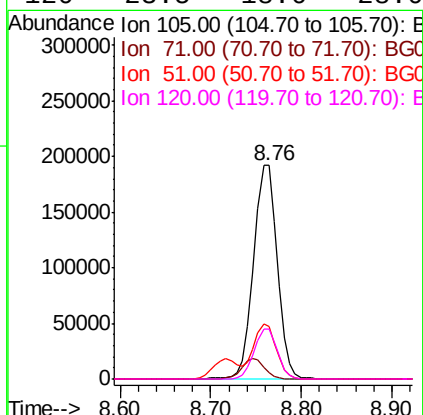
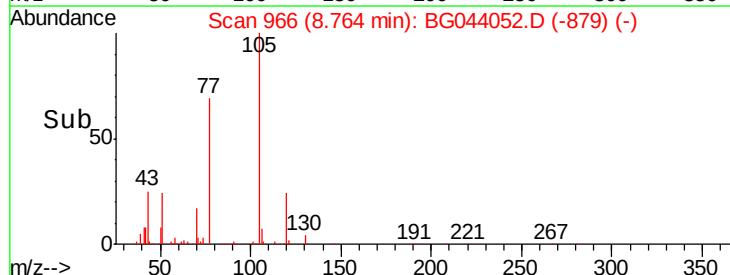
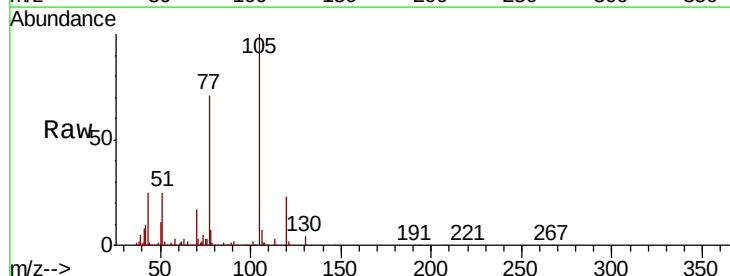
Manual Integrations
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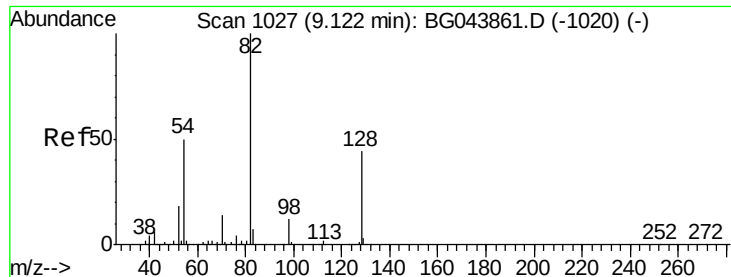
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#22
Acetophenone
Concen: 39.445 ng
RT: 8.76 min Scan# 966
Delta R.T. -0.02 min
Lab File: BG044052.D
Acq: 15 Jan 2020 16:31

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100				
71	2.9	4.8	7.2#		
51	24.6	21.4	32.0		
120	23.5	18.6	28.0		





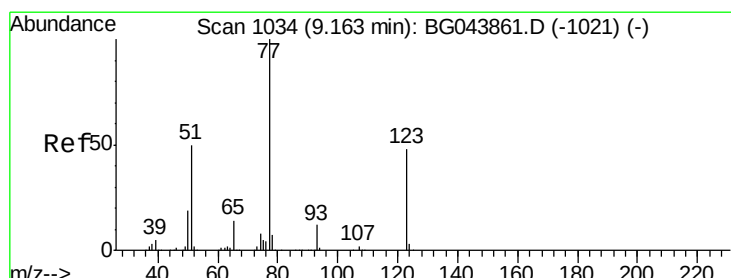
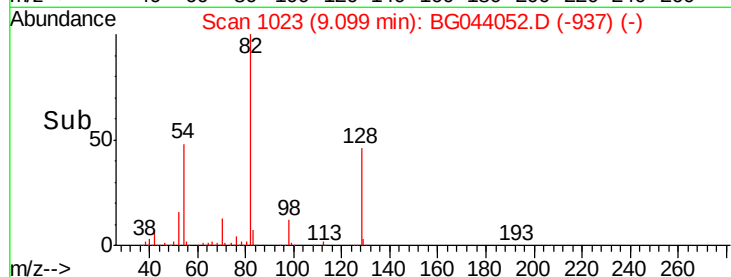
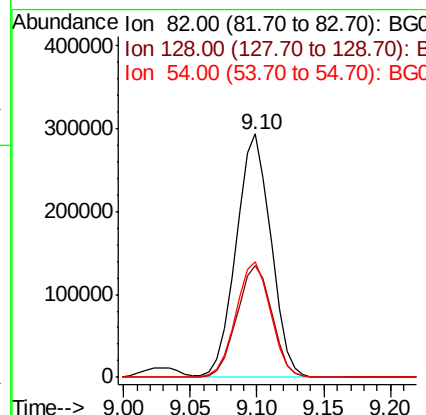
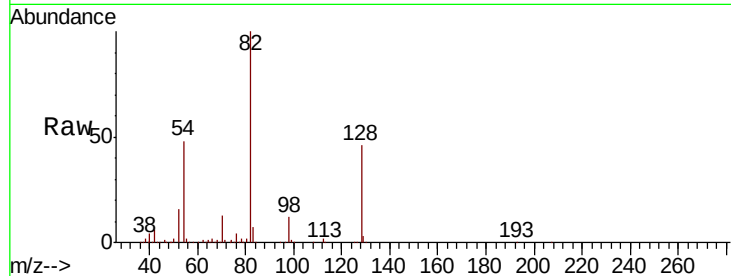
#23
Nitrobenzene-d5
Concen: 79.527 ng
RT: 9.10 min Scan# 1023
Delta R.T. -0.02 min
Lab File: BG044052.D
Acq: 15 Jan 2020 16:31

Instrument :
BNA_G
ClientSampleId :
PB126095BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	46.0	35.1	52.7	
54	47.7	40.1	60.1	

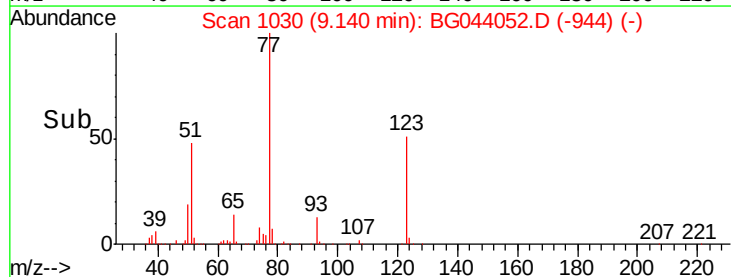
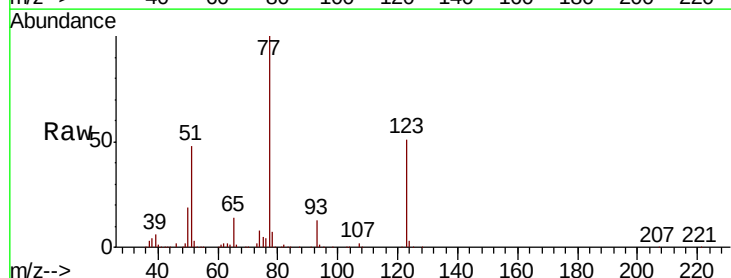
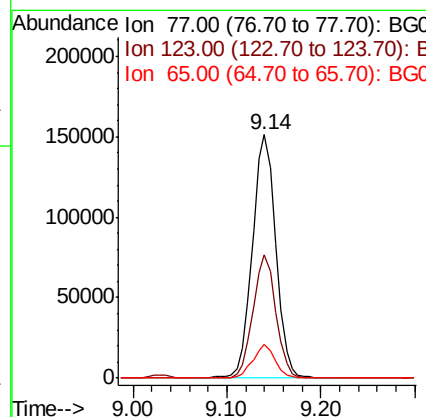
Manual Integrations
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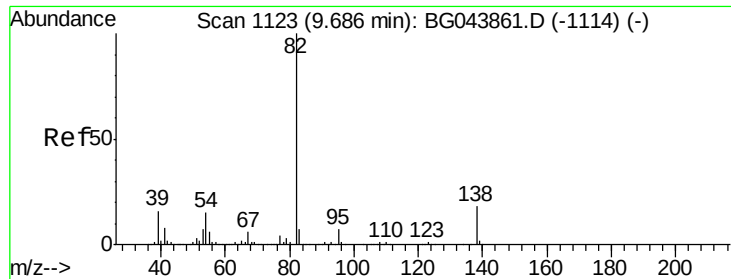
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#24
Nitrobenzene
Concen: 39.622 ng
RT: 9.14 min Scan# 1030
Delta R.T. -0.02 min
Lab File: BG044052.D
Acq: 15 Jan 2020 16:31

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	50.8	38.7	58.1	
65	13.6	11.1	16.7	





#25

Isophorone

Concen: 40.207 ng

RT: 9.67 min Scan# 1120

Delta R.T. -0.02 min

Lab File: BG044052.D

Acq: 15 Jan 2020 16:31

Instrument :

BNA_G

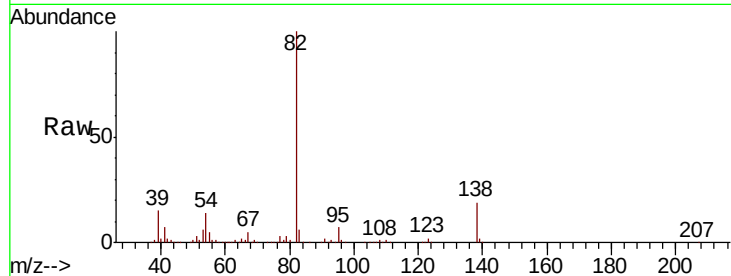
ClientSampleId :

PB126095BS

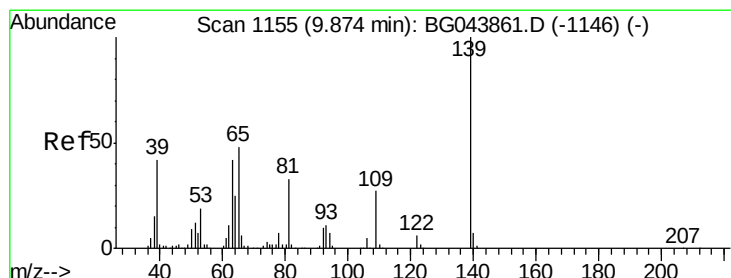
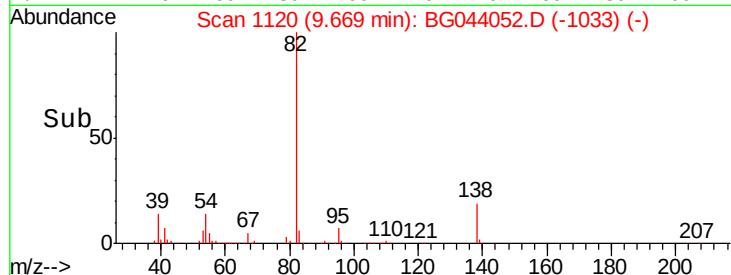
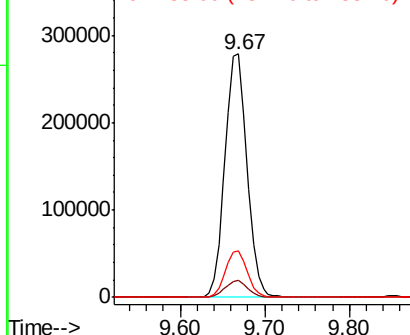
Tot Ion	82	Resp	502385
Ion Ratio	Lower	Upper	
82	100		
95	6.7	5.8	8.6
138	18.9	14.6	22.0

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Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC



#26

2-Nitrophenol

Concen: 45.925 ng

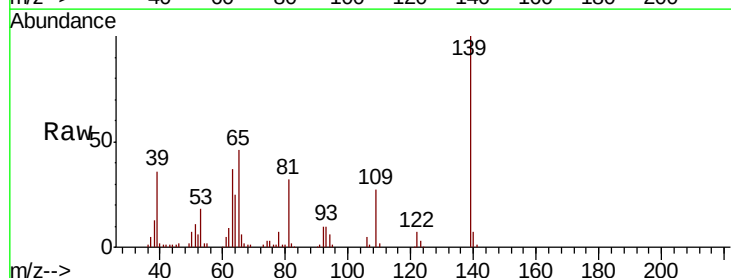
RT: 9.85 min Scan# 1151

Delta R.T. -0.02 min

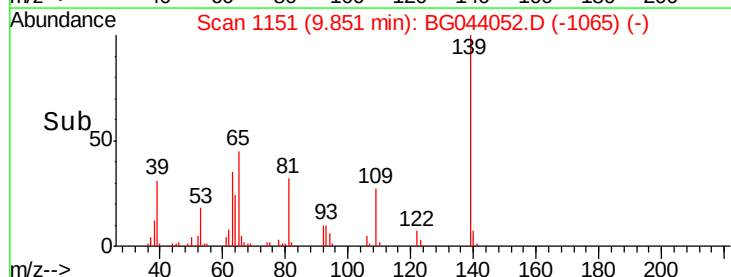
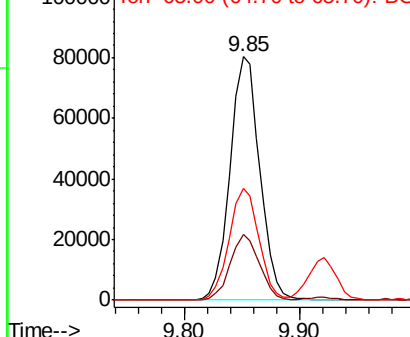
Lab File: BG044052.D

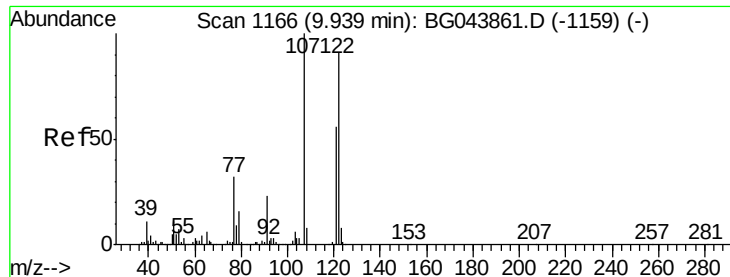
Acq: 15 Jan 2020 16:31

Tgt Ion	139	Resp	143322
Ion Ratio	Lower	Upper	
139	100		
109	26.7	21.3	31.9
65	46.1	38.6	57.8



Abundance Ion 139.00 (138.70 to 139.70): BGC
Ion 109.00 (108.70 to 109.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





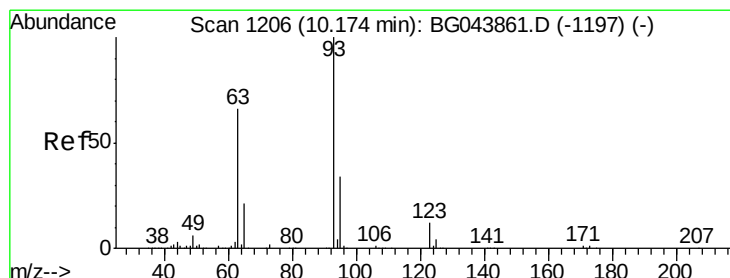
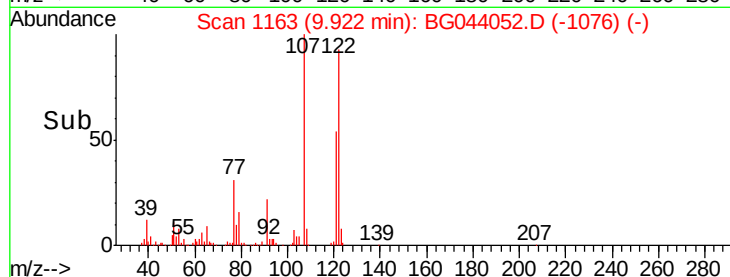
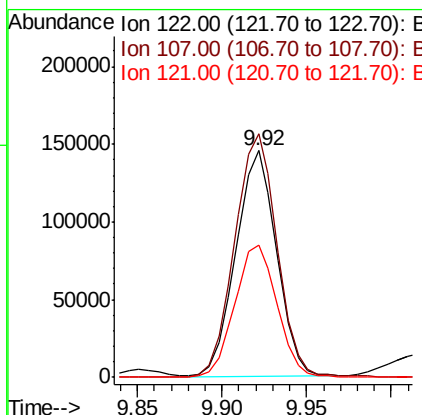
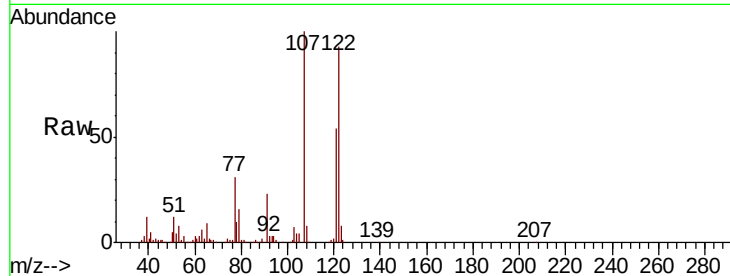
#27
 2,4-Dimethylphenol
 Concen: 52.023 ng
 RT: 9.92 min Scan# 1163
 Delta R.T. -0.02 min
 Lab File: BG044052.D
 Acq: 15 Jan 2020 16:31

Instrument :
 BNA_G
 ClientSampleId :
 PB126095BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	244392		
107	107.5	88.0	132.0	
121	58.2	49.0	73.4	

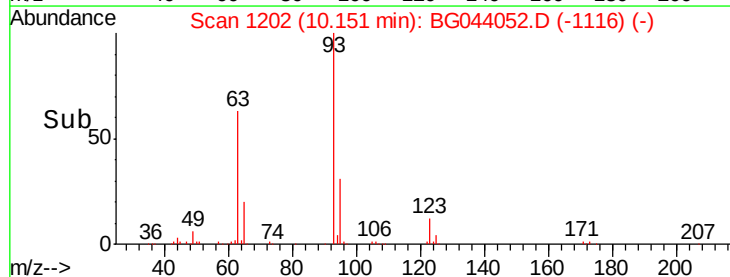
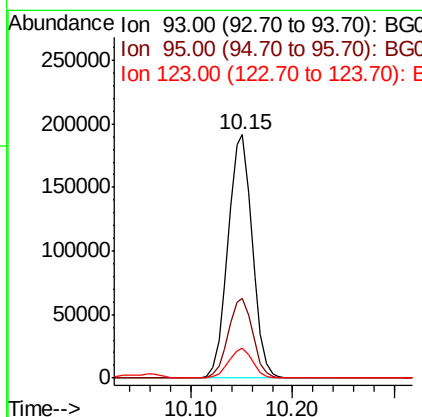
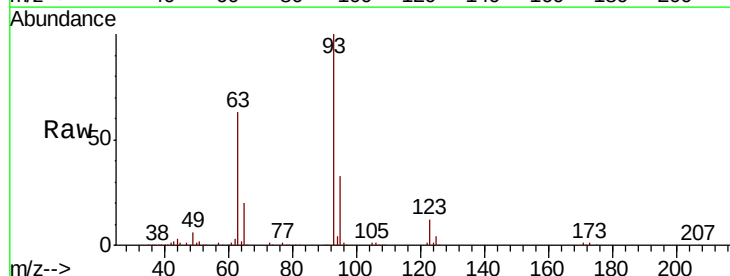
Manual Integrations
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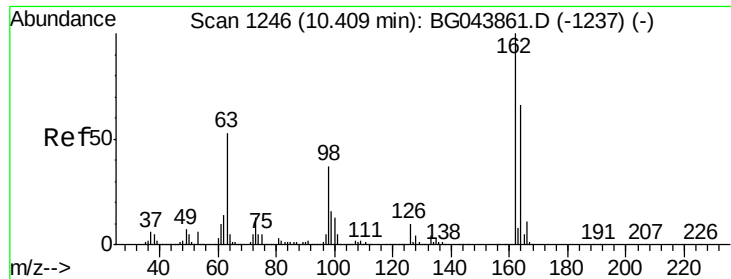
mohammad
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#28
 bis(2-Chloroethoxy)methane
 Concen: 38.304 ng
 RT: 10.15 min Scan# 1202
 Delta R.T. -0.02 min
 Lab File: BG044052.D
 Acq: 15 Jan 2020 16:31

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	319072		
95	32.9	27.2	40.8	
123	12.3	9.7	14.5	





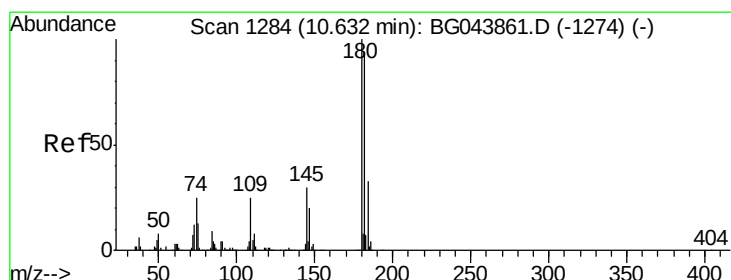
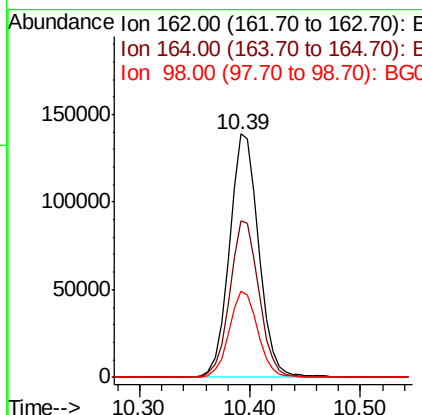
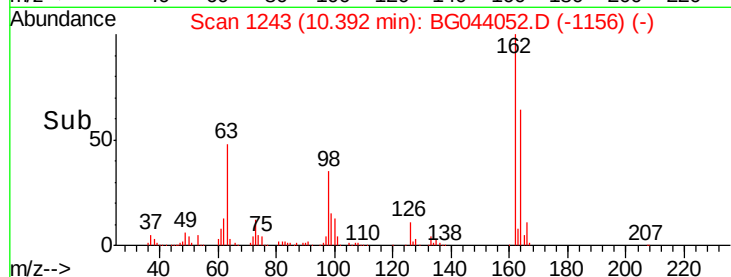
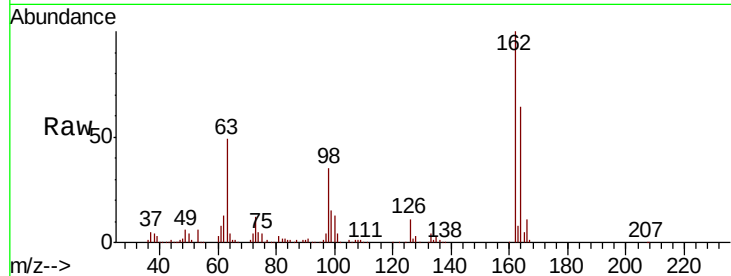
#29
2,4-Dichlorophenol
Concen: 46.088 ng
RT: 10.39 min Scan# 1243
Delta R.T. -0.02 min
Lab File: BG044052.D
Acq: 15 Jan 2020 16:31

Instrument :
BNA_G
ClientSampleId :
PB126095BS

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	64.1	46.3	86.3
98	35.5	17.3	57.3

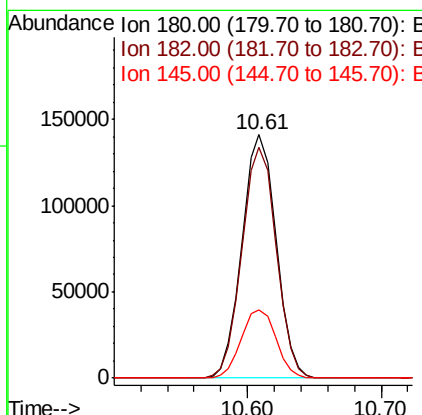
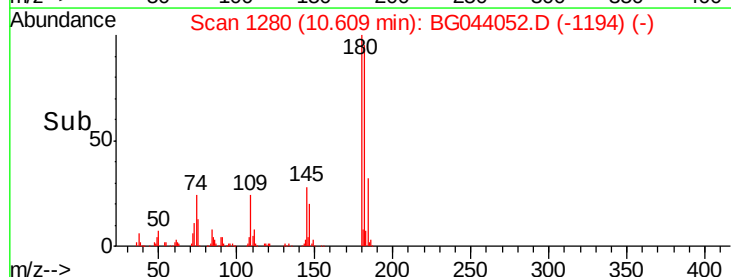
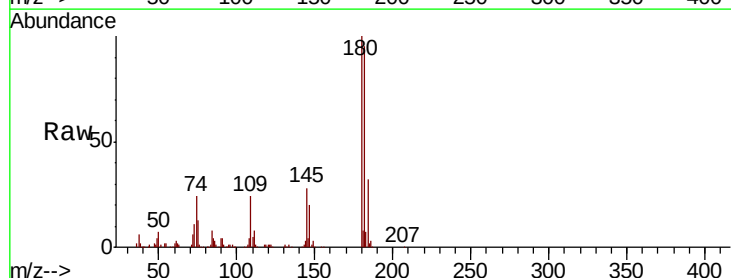
Manual Integrations
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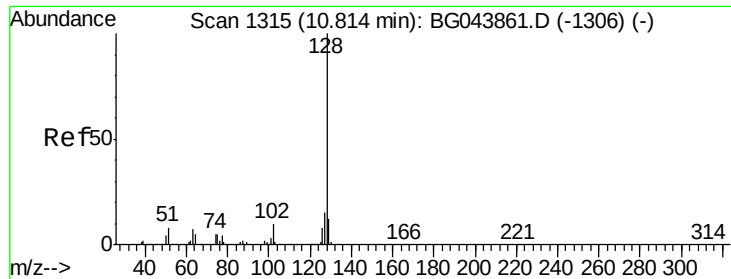
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#30
1,2,4-Trichlorobenzene
Concen: 39.709 ng
RT: 10.61 min Scan# 1280
Delta R.T. -0.02 min
Lab File: BG044052.D
Acq: 15 Jan 2020 16:31

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	95.1	75.0	112.4
145	28.1	24.2	36.4





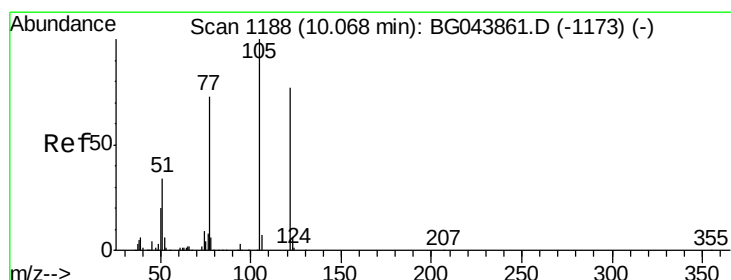
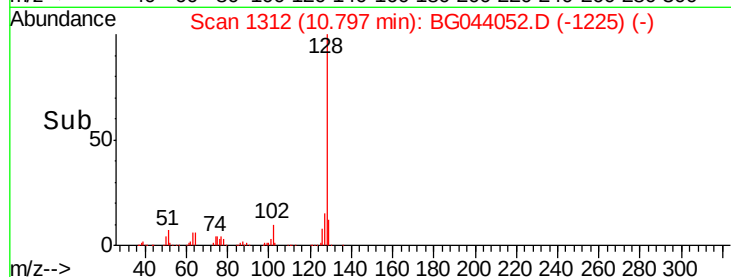
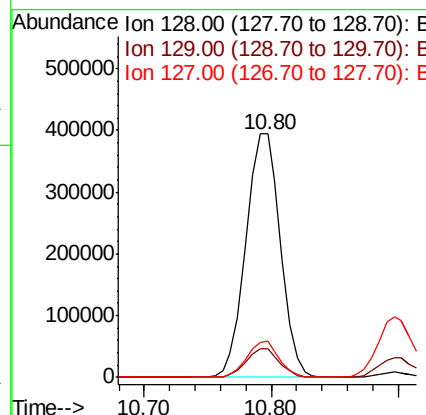
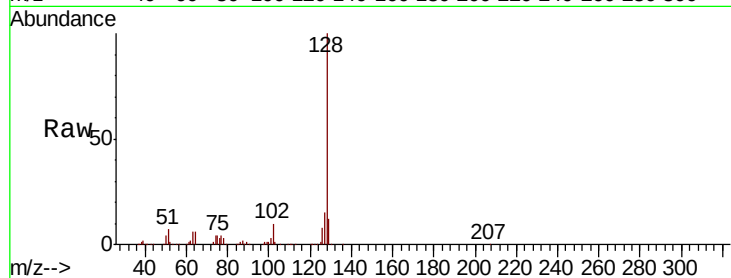
#31
Naphthalene
Concen: 43.161 ng
RT: 10.80 min Scan# 1312
Delta R.T. -0.02 min
Lab File: BG044052.D
Acq: 15 Jan 2020 16:31

Instrument :
BNA_G
ClientSampled :
PB126095BS

Tot Ion	128	Resp	744149
Ion Ratio	Lower	Upper	
128	100		
129	11.7	9.8	14.6
127	14.7	12.0	18.0

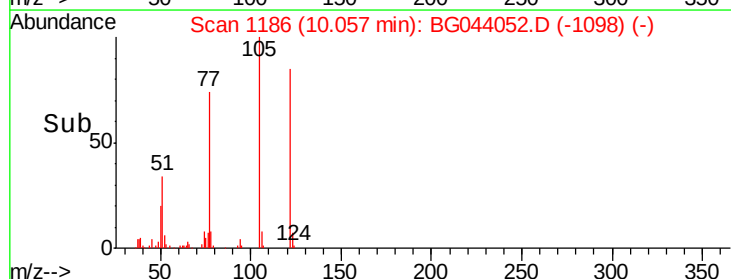
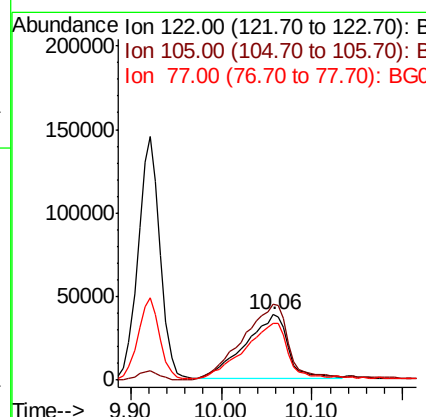
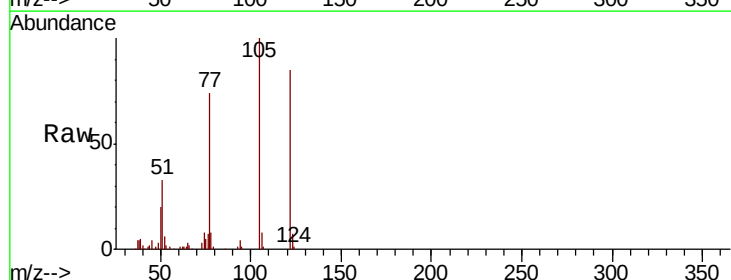
Manual Integrations
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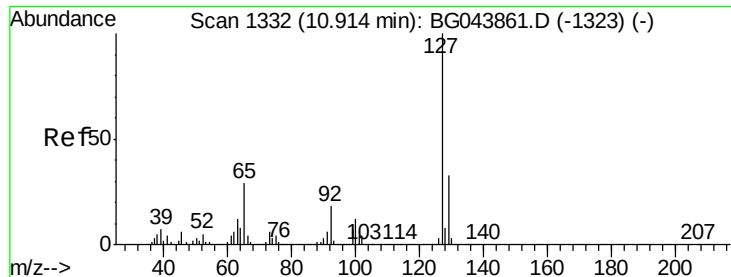
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#32
Benzoic acid
Concen: 34.812 ng
RT: 10.06 min Scan# 1186
Delta R.T. -0.01 min
Lab File: BG044052.D
Acq: 15 Jan 2020 16:31

Tgt Ion	122	Resp	125611
Ion Ratio	Lower	Upper	
122	100		
105	117.6	106.4	146.4
77	86.9	74.6	114.6





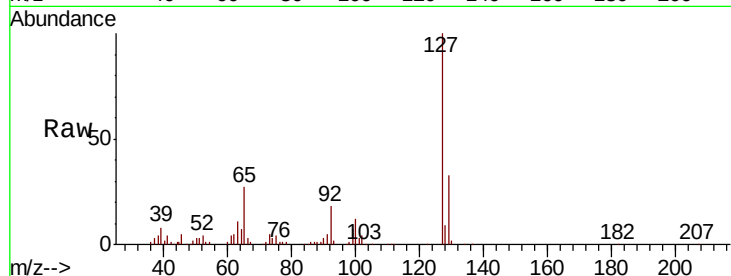
#33
4-Chloroaniline
Concen: 23.370 ng
RT: 10.90 min Scan# 1329
Delta R.T. -0.02 min
Lab File: BG044052.D
Acq: 15 Jan 2020 16:31

Instrument :
BNA_G
ClientSampleId :
PB126095BS

Tot Ion	Ratio	Lower	Upper
127	100		
129	32.9	26.6	40.0
65	27.4	23.3	34.9
92	17.7	14.7	22.1

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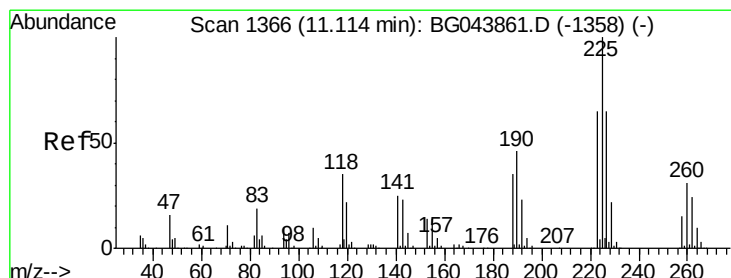
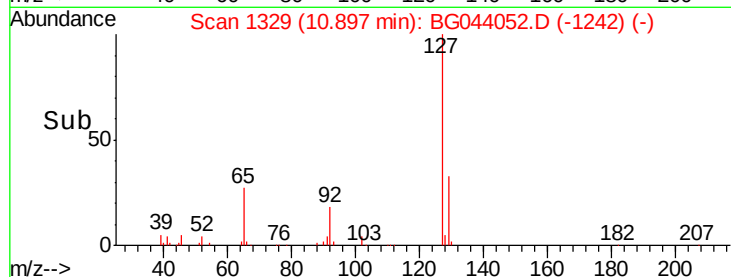
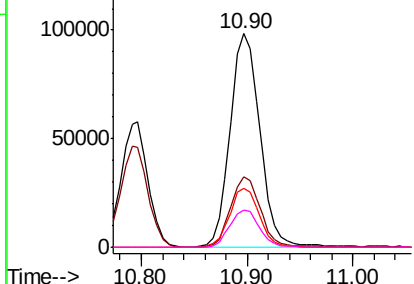
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC



#34
Hexachlorobutadiene
Concen: 37.257 ng
RT: 11.09 min Scan# 1362
Delta R.T. -0.02 min
Lab File: BG044052.D
Acq: 15 Jan 2020 16:31

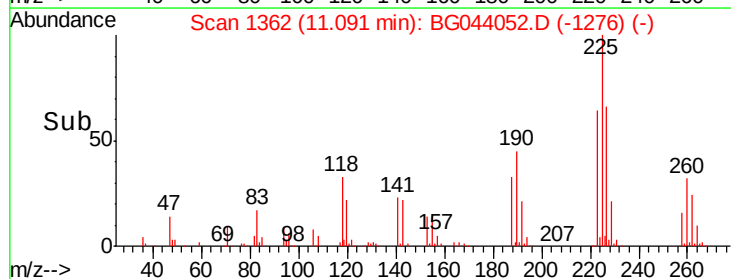
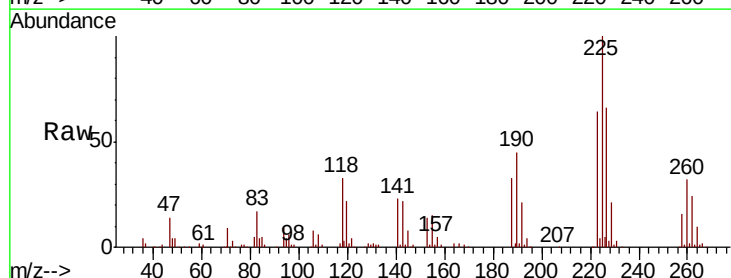
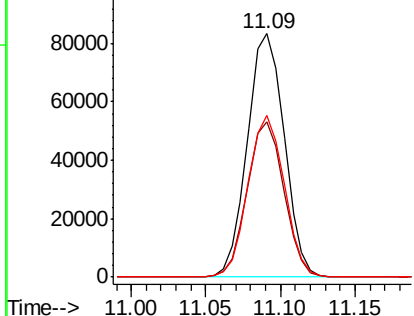
Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.8	52.2	78.4
227	66.3	52.1	78.1

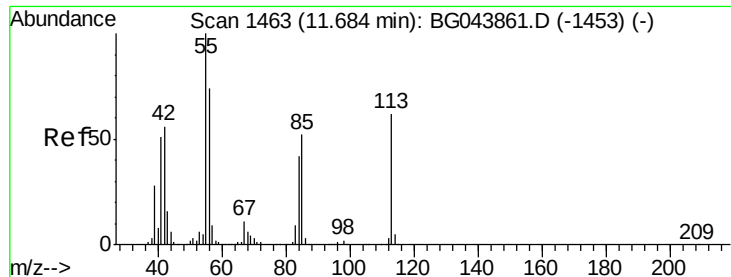
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 46.980 ng/mL

RT: 11.66 min Scan# 1459

Delta R.T. -0.02 min

Lab File: BG044052.D

Acq: 15 Jan 2020 16:31

Instrument :

BNA_G

ClientSampleId :

PB126095BS

Tot Ion: 113 Resp: 98001

Ion Ratio Lower Upper

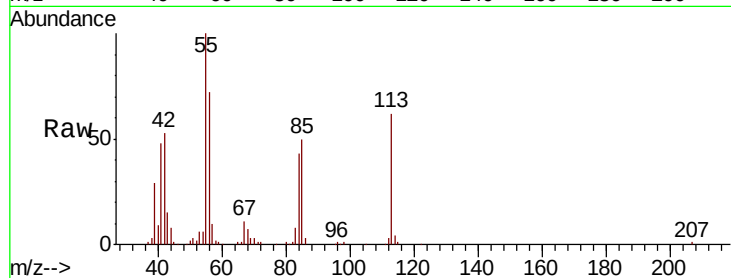
113 100

55 161.3 142.5 182.5

56 115.5 101.4 141.4

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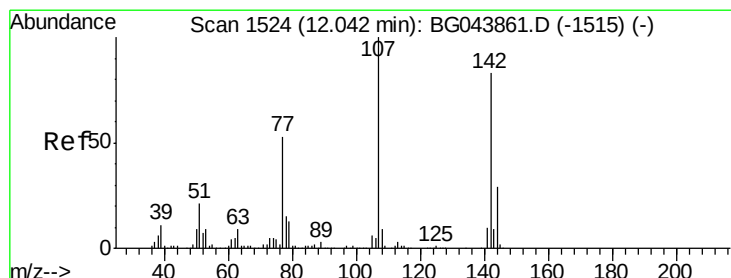
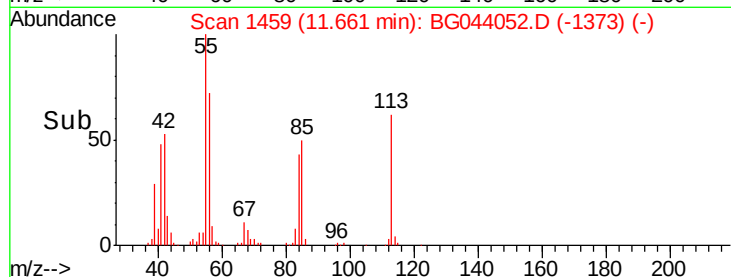
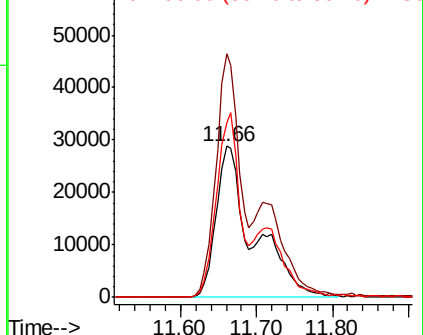


Abundance

Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 45.745 ng/mL

RT: 12.03 min Scan# 1522

Delta R.T. -0.01 min

Lab File: BG044052.D

Acq: 15 Jan 2020 16:31

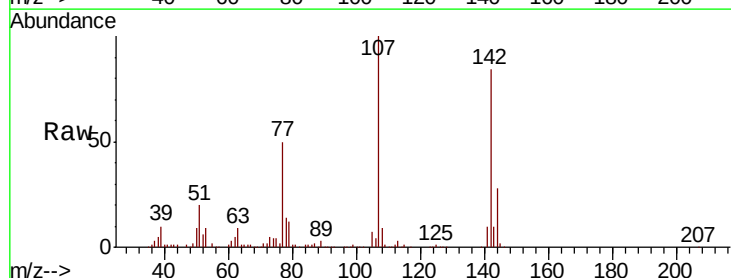
Tgt Ion: 107 Resp: 272884

Ion Ratio Lower Upper

107 100

144 28.2 23.4 35.2

142 84.1 66.3 99.5

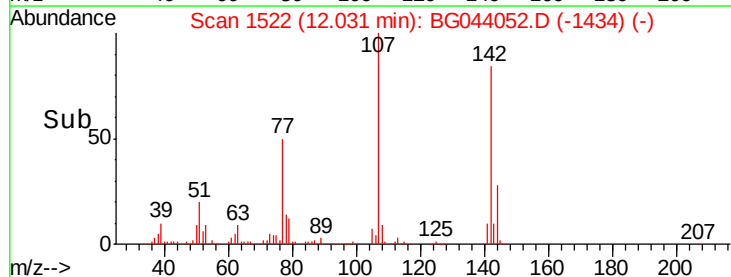
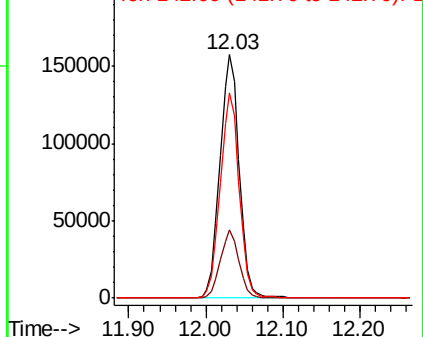


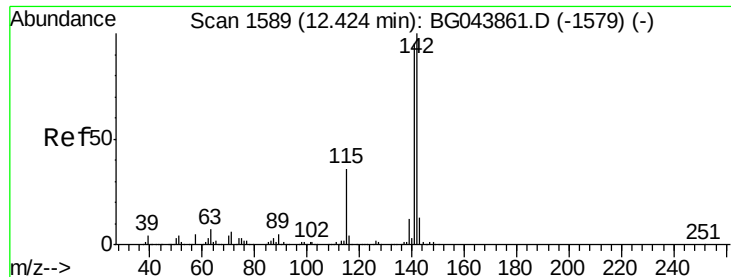
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





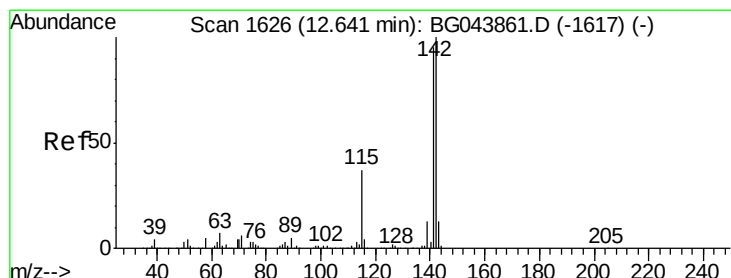
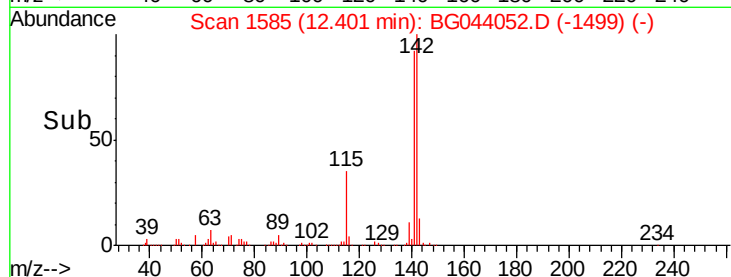
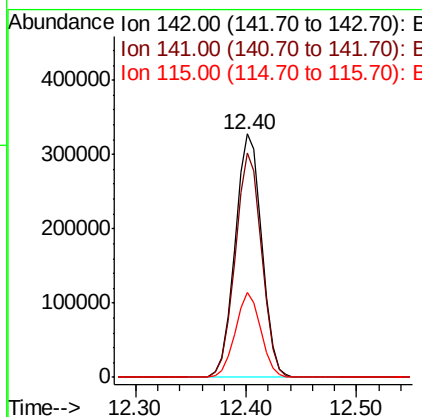
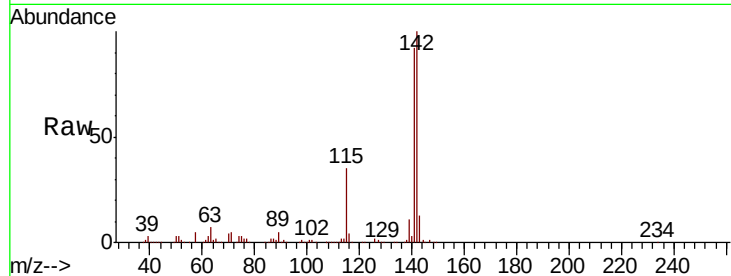
#37
2-Methylnaphthalene
Concen: 42.864 ng
RT: 12.40 min Scan# 1585
Delta R.T. -0.02 min
Lab File: BG044052.D
Acq: 15 Jan 2020 16:31

Instrument :
BNA_G
ClientSampleId :
PB126095BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	92.3	75.8	113.8
115	34.8	28.6	42.8

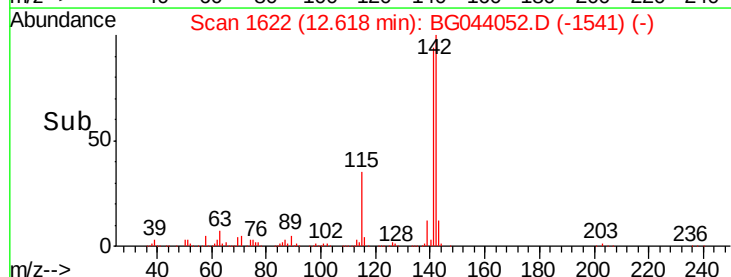
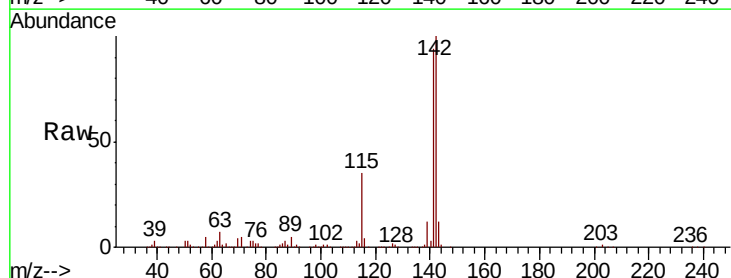
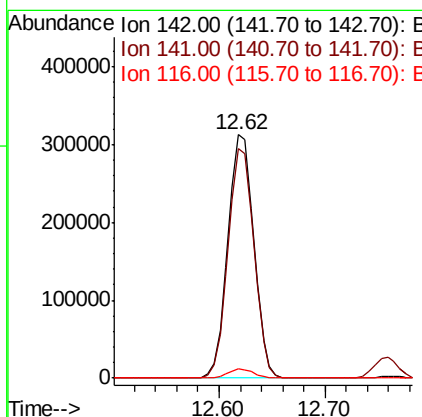
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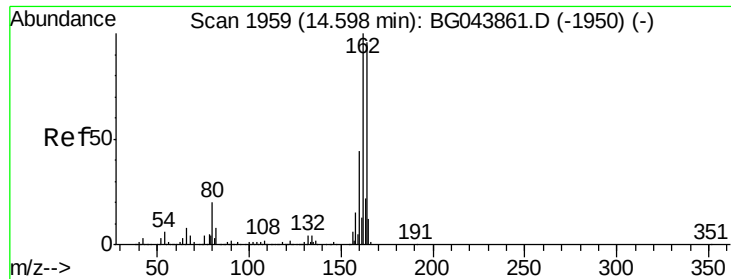
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#38
1-Methylnaphthalene
Concen: 43.045 ng
RT: 12.62 min Scan# 1622
Delta R.T. -0.02 min
Lab File: BG044052.D
Acq: 15 Jan 2020 16:31

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.3	76.0	114.0
116	3.8	3.1	4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.57 min Scan# 1955

Delta R.T. -0.02 min

Lab File: BG044052.D

Acq: 15 Jan 2020 16:31

Instrument :

BNA_G

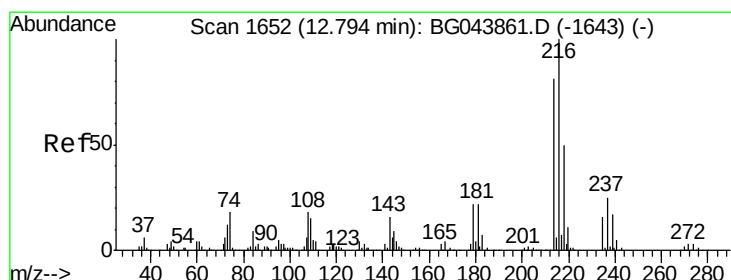
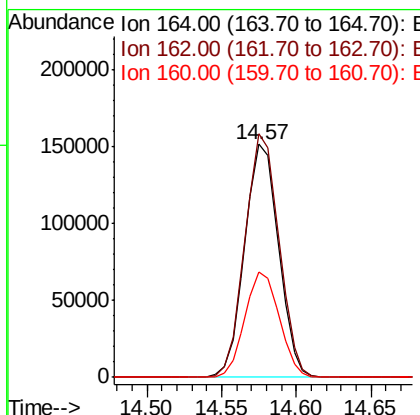
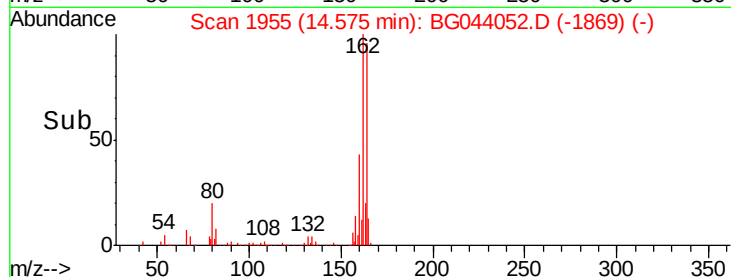
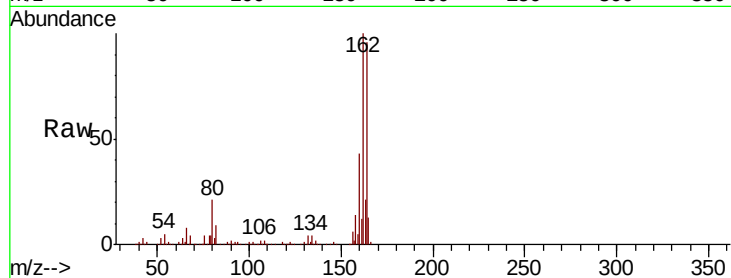
ClientSampleId :

PB126095BS

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	104.4	83.0	124.4	
160	44.9	36.1	54.1	

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 38.126 ng

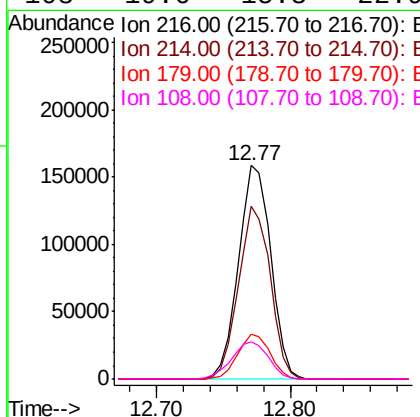
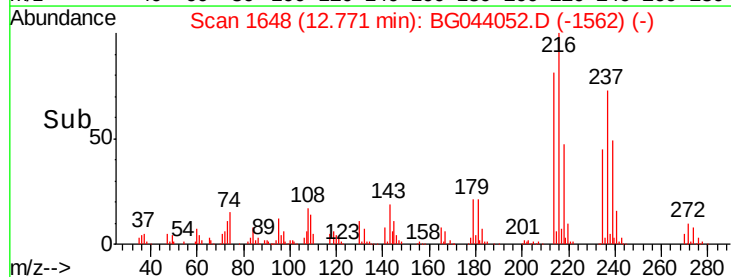
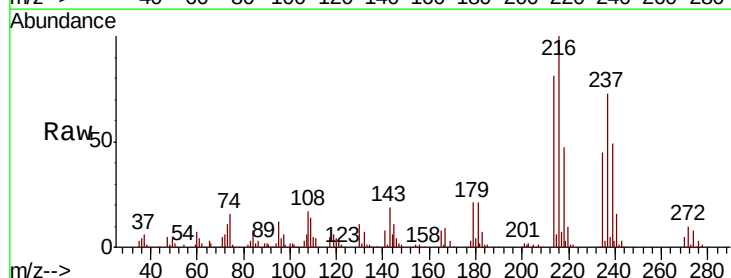
RT: 12.77 min Scan# 1648

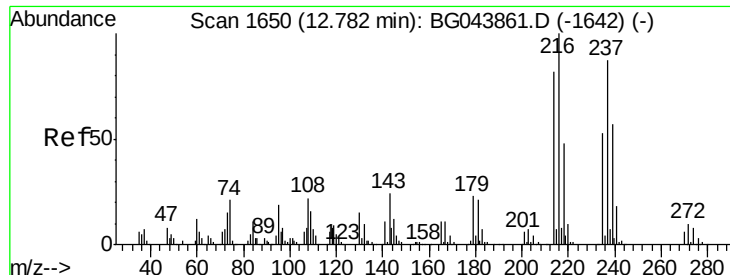
Delta R.T. -0.02 min

Lab File: BG044052.D

Acq: 15 Jan 2020 16:31

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	79.4	63.8	95.8	
179	20.7	17.3	25.9	
108	19.6	15.3	22.9	





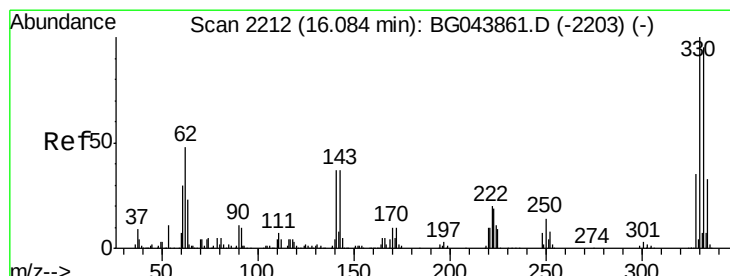
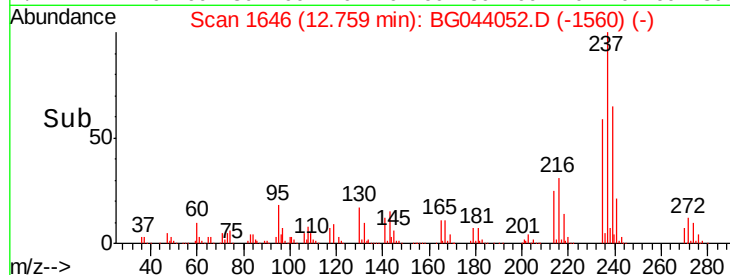
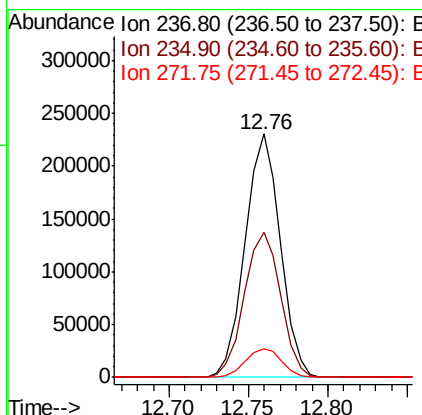
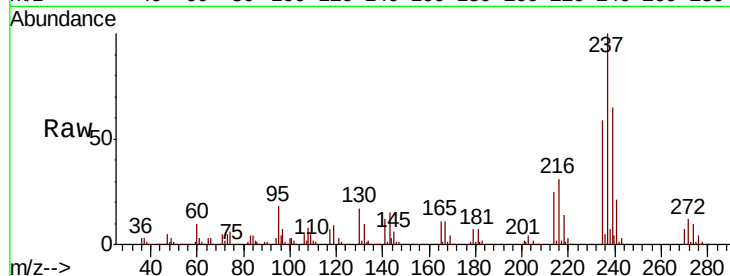
#41
Hexachlorocyclopentadiene
Concen: 98.536 ng
RT: 12.76 min Scan# 1646
Delta R.T. -0.02 min
Lab File: BG044052.D
Acq: 15 Jan 2020 16:31

Instrument :
BNA_G
ClientSampleId :
PB126095BS

Tot Ion	Ratio	Resp Lower	Upper
237	100		
235	59.4	41.1	81.1
272	11.9	0.0	31.7

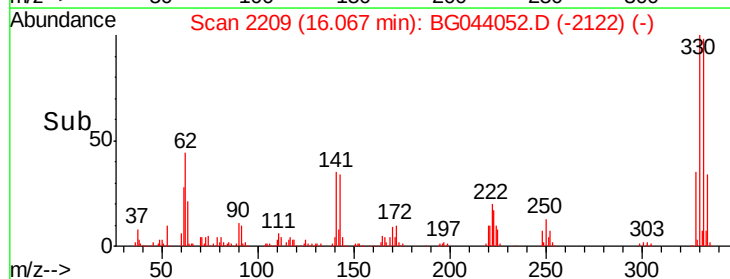
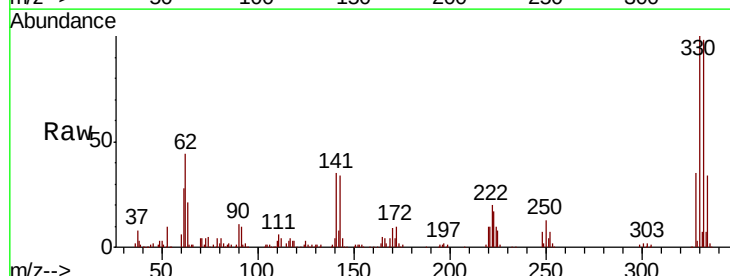
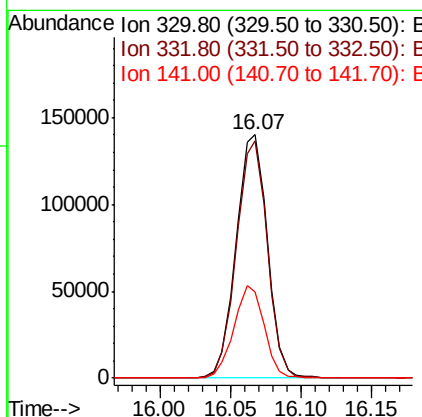
Manual Integrations
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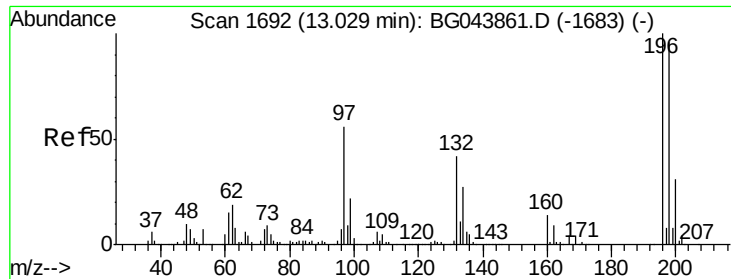
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#42
2,4,6-Tribromophenol
Concen: 87.195 ng
RT: 16.07 min Scan# 2209
Delta R.T. -0.02 min
Lab File: BG044052.D
Acq: 15 Jan 2020 16:31

Tgt Ion	Ratio	Resp Lower	Upper
330	100		
332	96.5	77.2	115.8
141	36.9	33.1	49.7





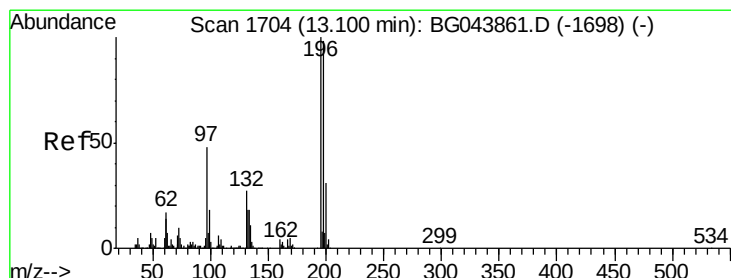
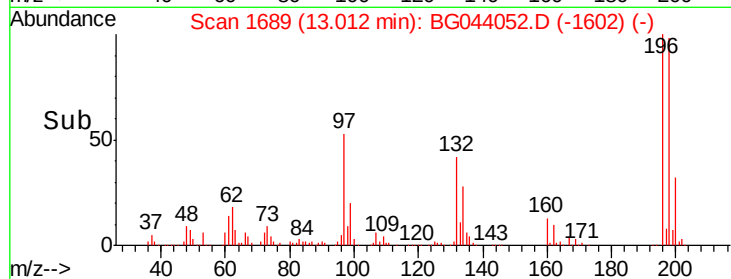
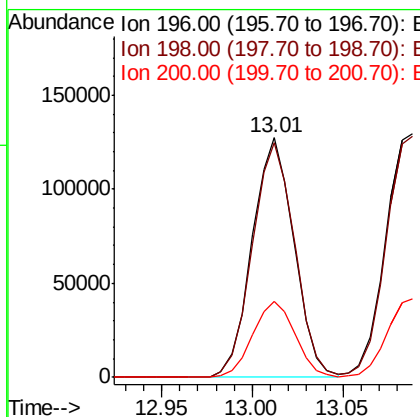
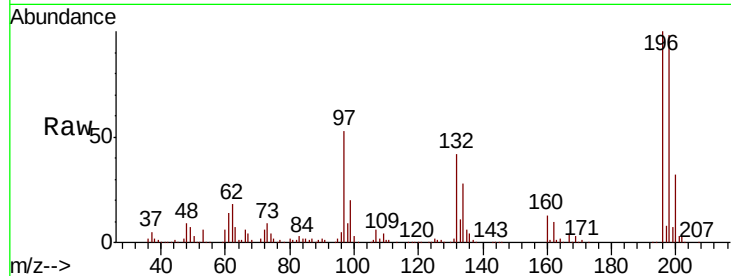
#43
 2,4,6-Trichlorophenol
 Concen: 42.500 ng
 RT: 13.01 min Scan# 1689
 Delta R.T. -0.02 min
 Lab File: BG044052.D
 Acq: 15 Jan 2020 16:31

Instrument :
 BNA_G
 ClientSampleId :
 PB126095BS

Tot Ion	Ratio	Lower	Upper
196	100		
198	97.9	76.6	115.0
200	31.8	24.6	37.0

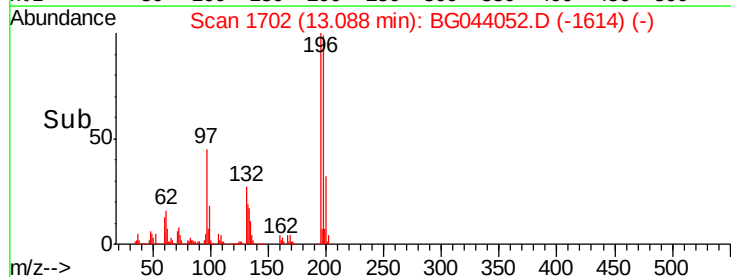
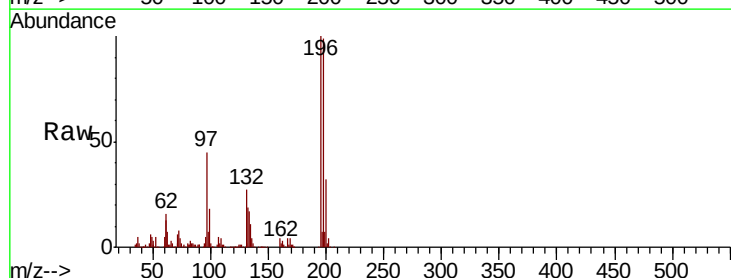
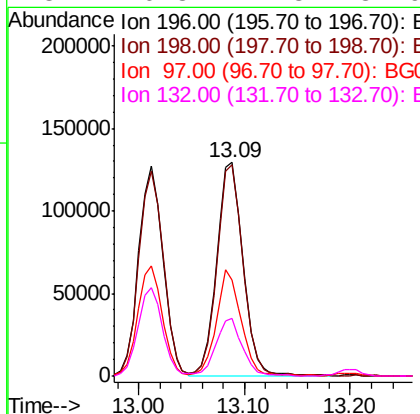
Manual Integrations
 APPROVED

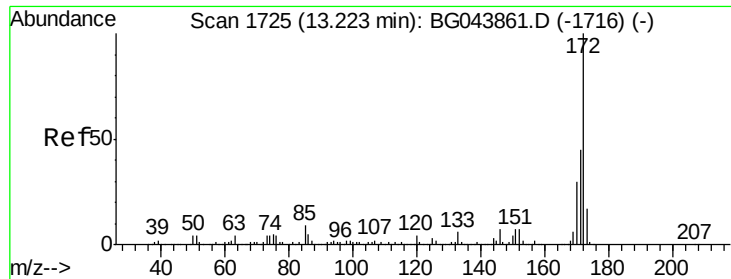
mohammad
 1/16/2020 2:25:46 PM



#44
 2,4,5-Trichlorophenol
 Concen: 45.418 ng
 RT: 13.09 min Scan# 1702
 Delta R.T. -0.01 min
 Lab File: BG044052.D
 Acq: 15 Jan 2020 16:31

Tgt Ion	Ratio	Lower	Upper
196	100		
198	99.1	78.3	117.5
97	44.9	38.8	58.2
132	26.8	21.3	31.9





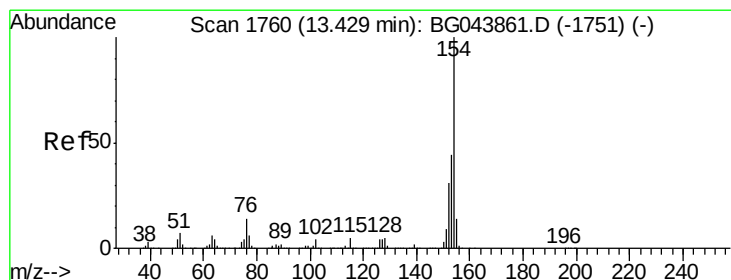
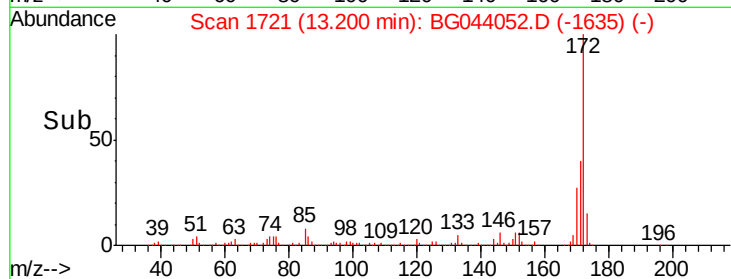
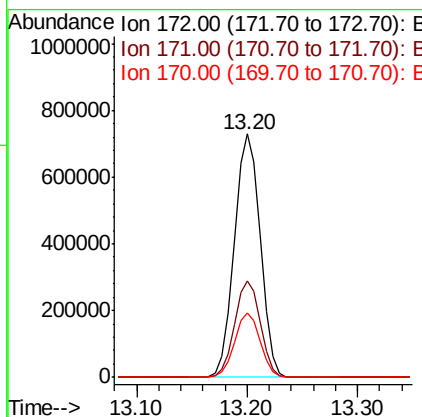
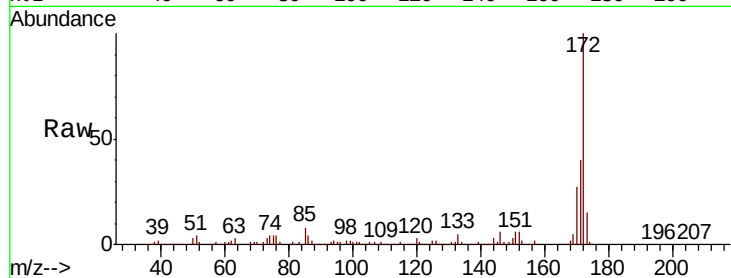
#45
2-Fluorobiphenyl
Concen: 91.662 ng
RT: 13.20 min Scan# 1721
Delta R.T. -0.02 min
Lab File: BG044052.D
Acq: 15 Jan 2020 16:31

Instrument :
BNA_G
ClientSampleId :
PB126095BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	39.7	35.8	53.8
170	26.5	24.2	36.4

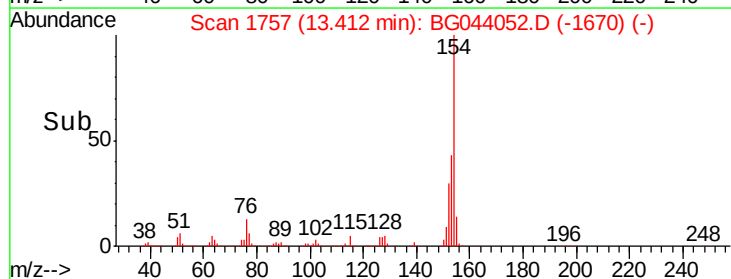
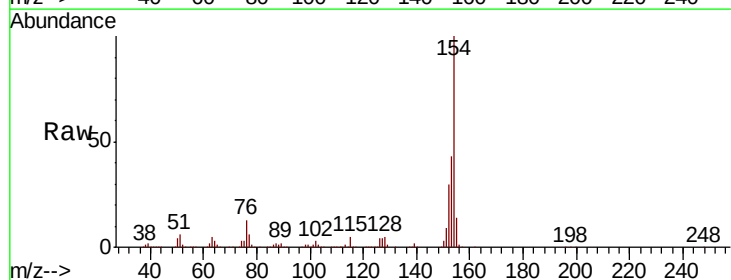
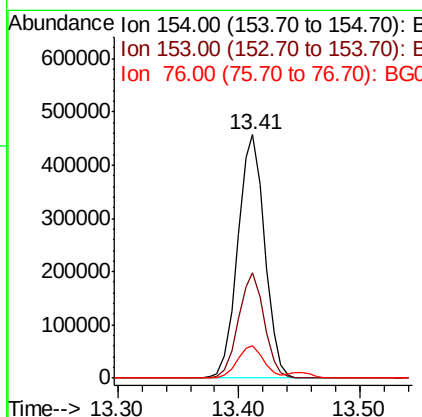
Manual Integrations
APPROVED

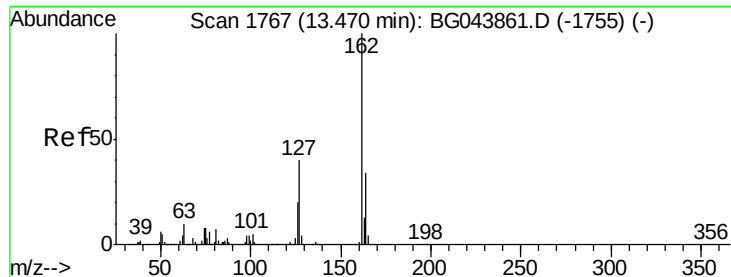
mohammad
1/16/2020 2:25:46 PM



#46
1,1'-Biphenyl
Concen: 41.522 ng
RT: 13.41 min Scan# 1757
Delta R.T. -0.02 min
Lab File: BG044052.D
Acq: 15 Jan 2020 16:31

Tgt Ion	Ratio	Lower	Upper
154	100		
153	43.1	23.6	63.6
76	13.5	0.0	34.4





#47

2-Chloronaphthalene

Concen: 39.990 ng

RT: 13.45 min Scan# 1764

Delta R.T. -0.02 min

Lab File: BG044052.D

Acq: 15 Jan 2020 16:31

Instrument :

BNA_G

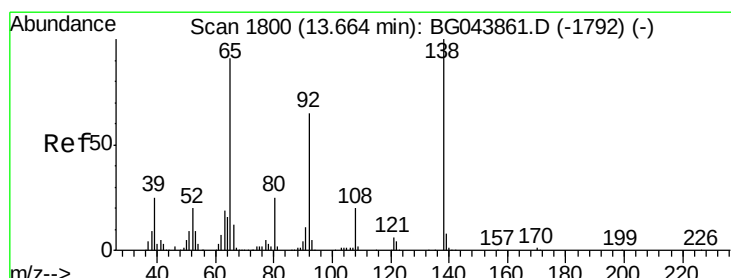
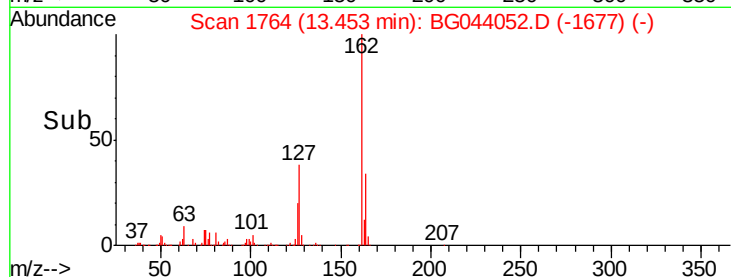
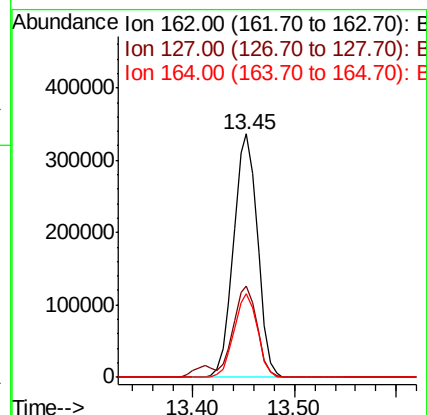
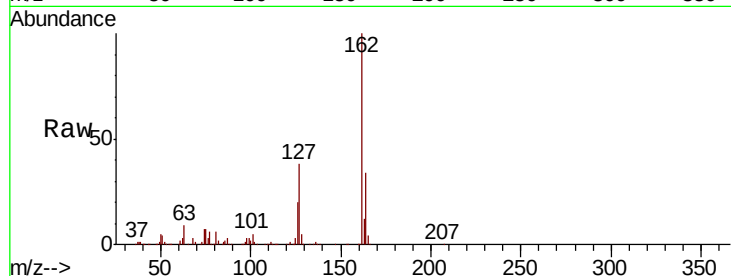
ClientSampleId :

PB126095BS

Tot Ion:	162	Resp:	550086
Ion Ratio	Lower	Upper	
162	100		
127	37.7	32.1	48.1
164	34.2	27.5	41.3

Manual Integrations
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#48

2-Nitroaniline

Concen: 38.373 ng

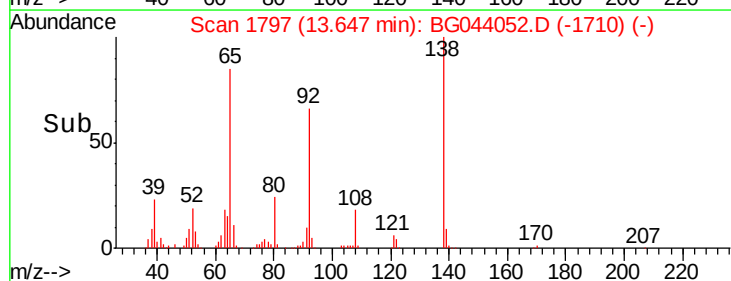
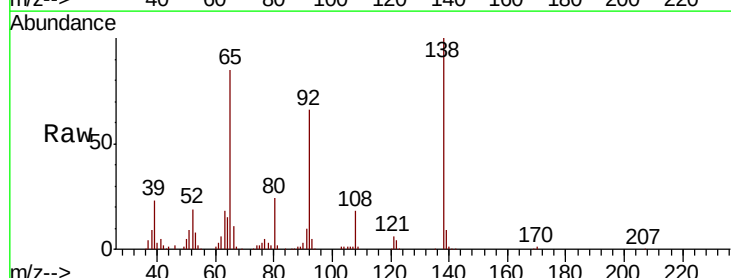
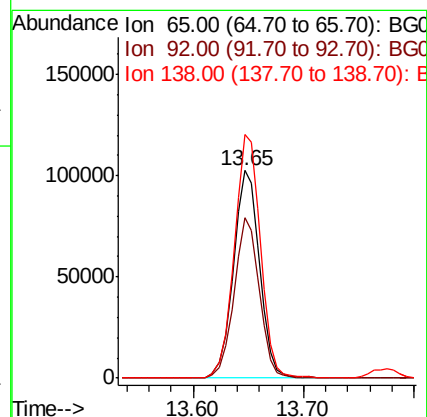
RT: 13.65 min Scan# 1797

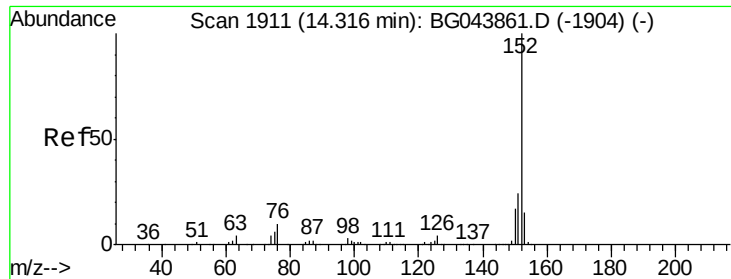
Delta R.T. -0.02 min

Lab File: BG044052.D

Acq: 15 Jan 2020 16:31

Tgt Ion:	65	Resp:	169791
Ion Ratio	Lower	Upper	
65	100		
92	77.2	57.4	86.2
138	117.2	88.2	132.4





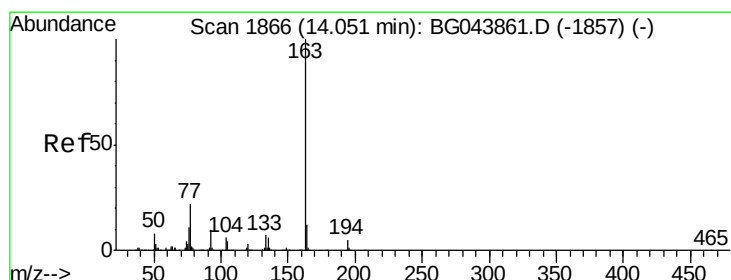
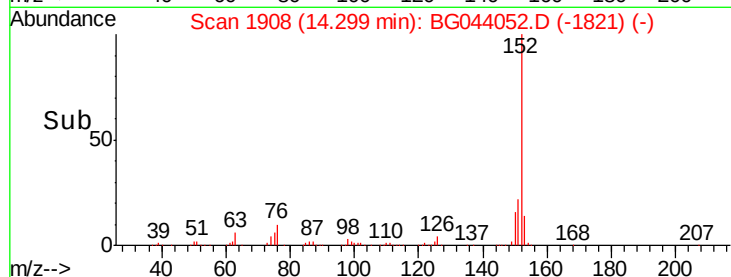
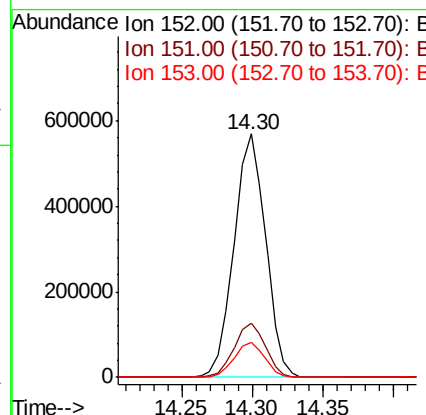
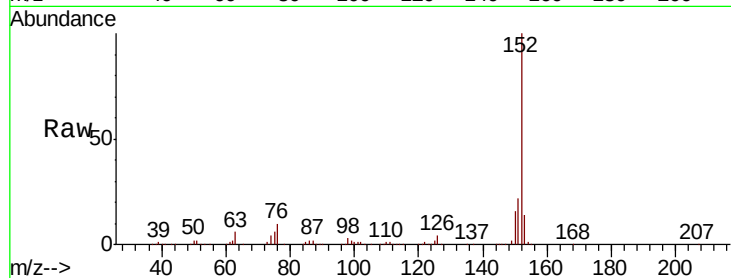
#49
Acenaphthylene
Concen: 44.759 ng
RT: 14.30 min Scan# 1908
Delta R.T. -0.02 min
Lab File: BG044052.D
Acq: 15 Jan 2020 16:31

Instrument :
BNA_G
ClientSampleId :
PB126095BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
152	100		884940		
151	22.4	19.4	29.2		
153	14.4	12.0	18.0		

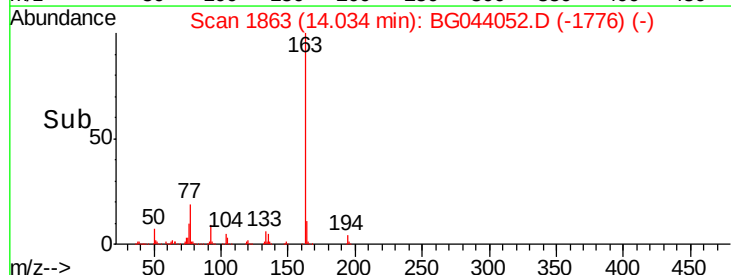
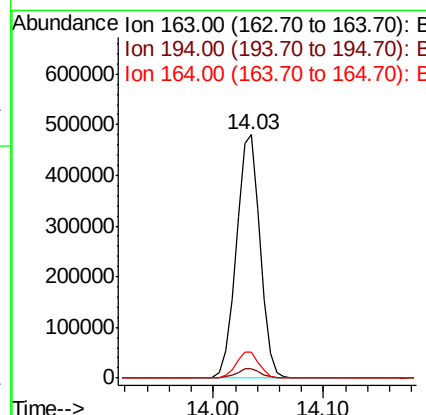
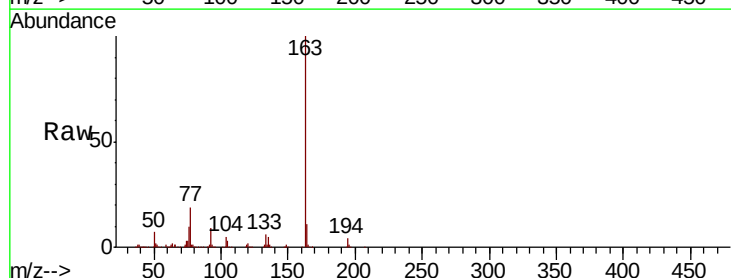
Manual Integrations
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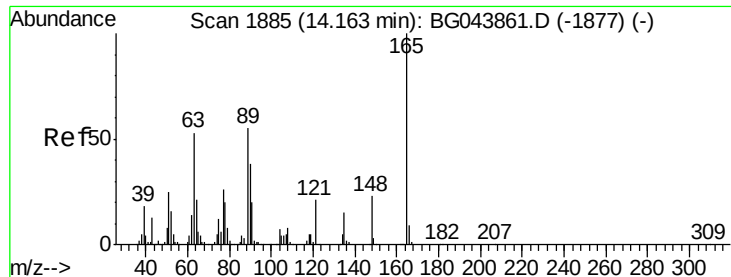
mohammad
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#50
Dimethylphthalate
Concen: 42.639 ng
RT: 14.03 min Scan# 1863
Delta R.T. -0.02 min
Lab File: BG044052.D
Acq: 15 Jan 2020 16:31

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
163	100		718808		
194	4.1	3.7	5.5		
164	10.8	9.3	13.9		





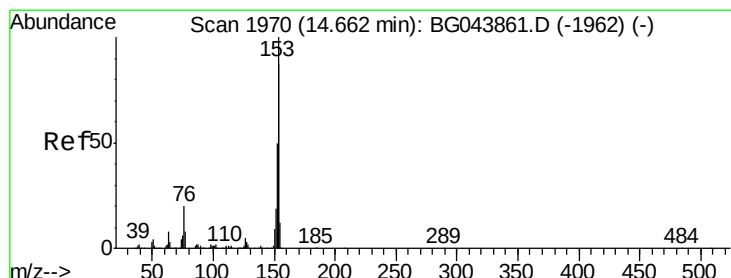
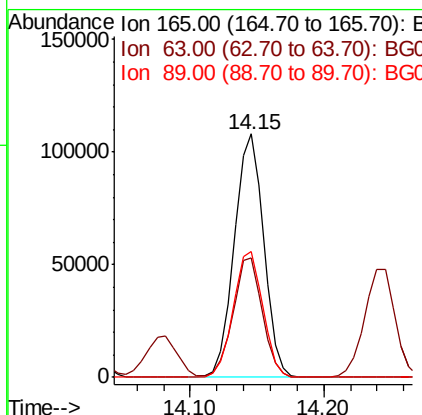
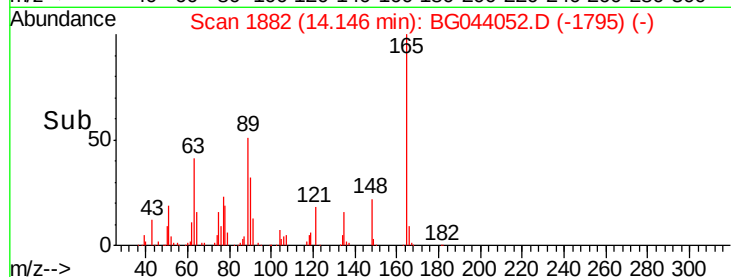
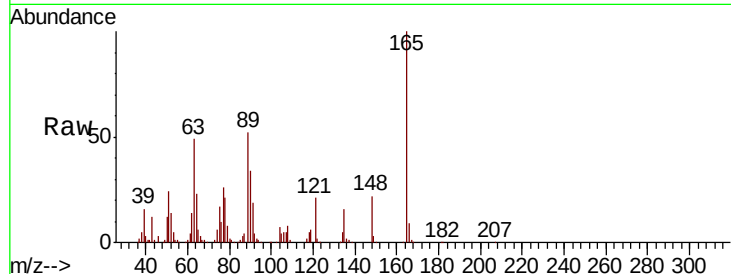
#51
2,6-Dinitrotoluene
Concen: 43.370 ng
RT: 14.15 min Scan# 1882
Delta R.T. -0.02 min
Lab File: BG044052.D
Acq: 15 Jan 2020 16:31

Instrument :
BNA_G
ClientSampleId :
PB126095BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	165254		
63	49.1		43.1	64.7
89	51.7		43.8	65.6

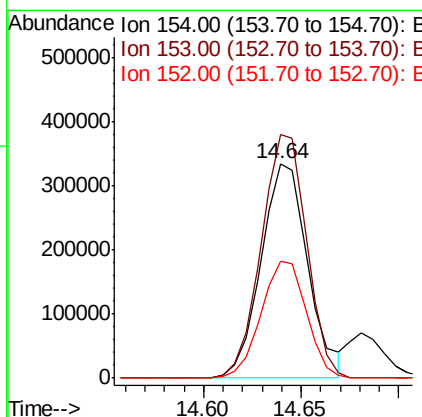
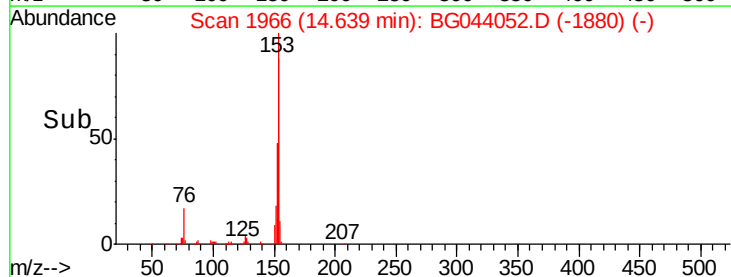
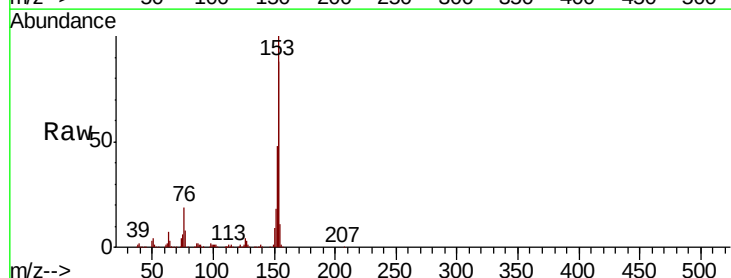
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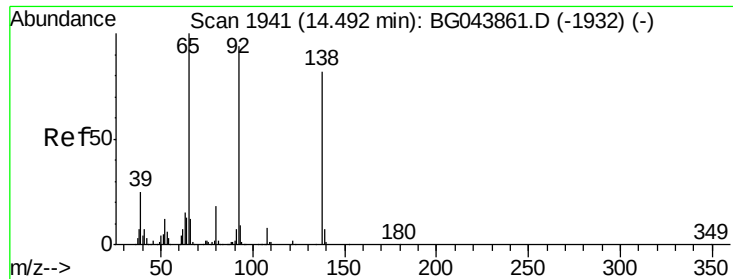
mohammad
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#52
Acenaphthene
Concen: 40.035 ng
RT: 14.64 min Scan# 1966
Delta R.T. -0.02 min
Lab File: BG044052.D
Acq: 15 Jan 2020 16:31

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	555093		
153	113.6		91.6	137.4
152	54.6		45.4	68.0





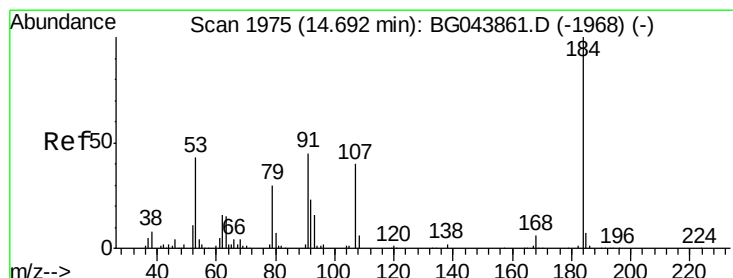
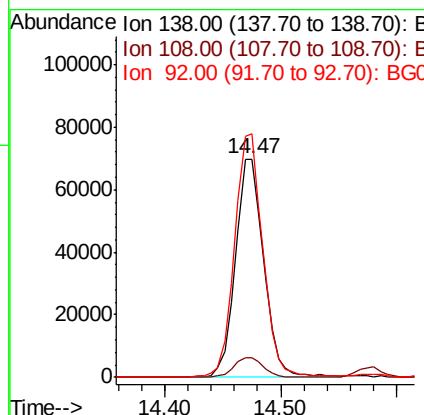
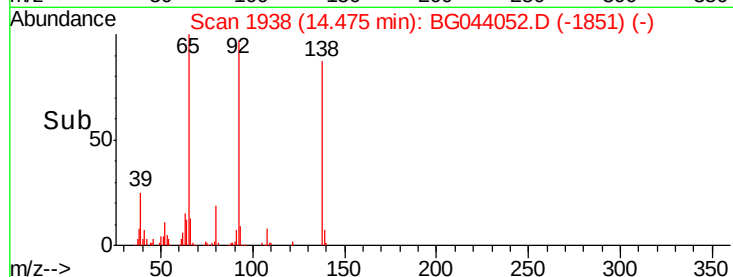
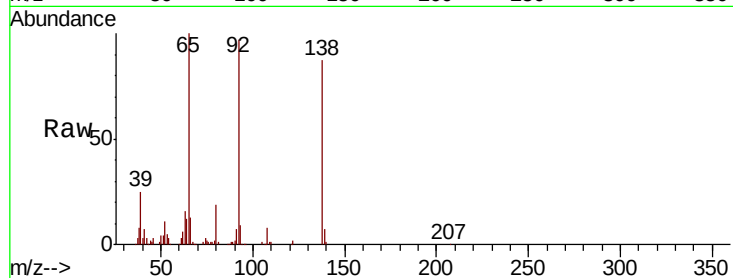
#53
3-Nitroaniline
Concen: 27.399 ng
RT: 14.47 min Scan# 1938
Delta R.T. -0.02 min
Lab File: BG044052.D
Acq: 15 Jan 2020 16:31

Instrument :
BNA_G
ClientSampled :
PB126095BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.3	7.4	11.2
92	111.6	92.1	138.1

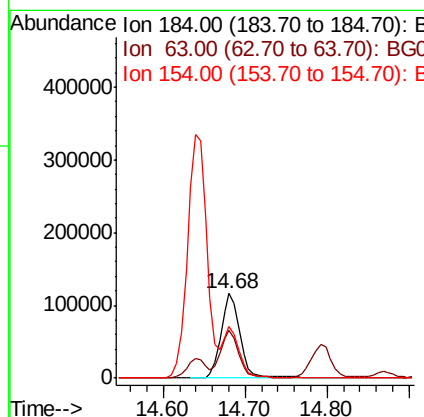
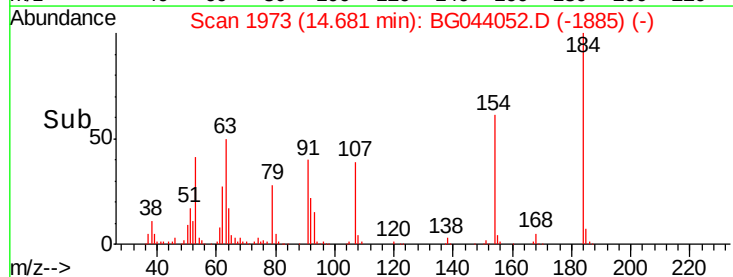
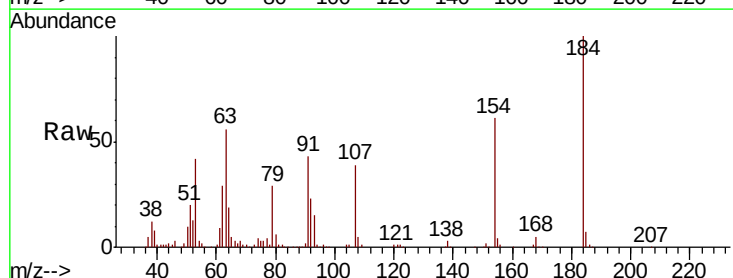
Manual Integrations
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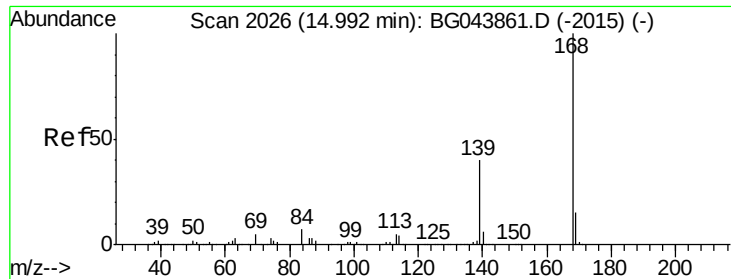
mohammad
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#54
2,4-Dinitrophenol
Concen: 97.002 ng
RT: 14.68 min Scan# 1973
Delta R.T. -0.01 min
Lab File: BG044052.D
Acq: 15 Jan 2020 16:31

Tgt Ion	Ratio	Lower	Upper
184	100		
63	55.8	46.6	70.0
154	60.6	50.2	75.4





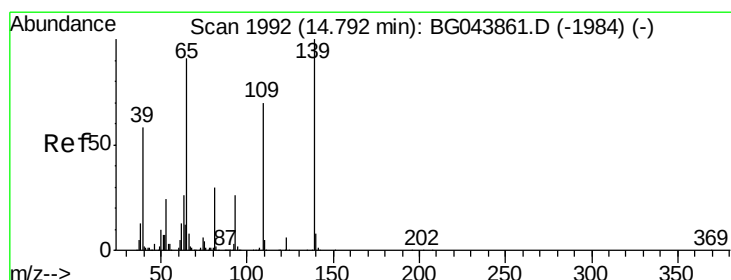
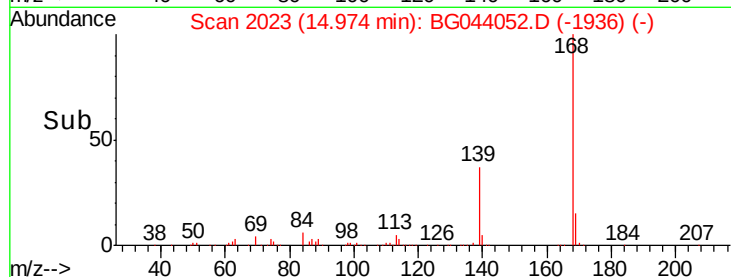
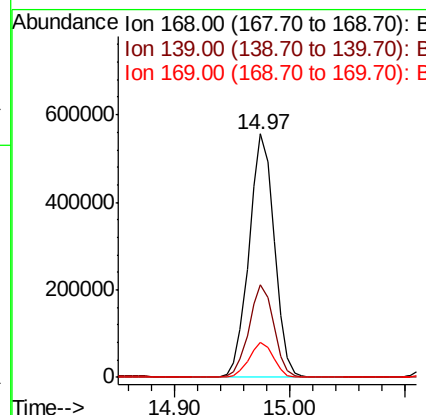
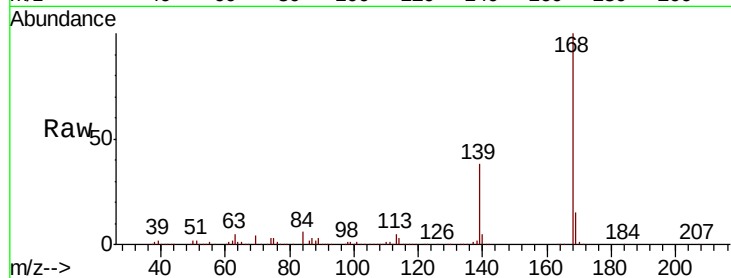
#55
Dibenzofuran
Concen: 44.256 ng
RT: 14.97 min Scan# 2023
Delta R.T. -0.02 min
Lab File: BG044052.D
Acq: 15 Jan 2020 16:31

Instrument :
BNA_G
ClientSampleId :
PB126095BS

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

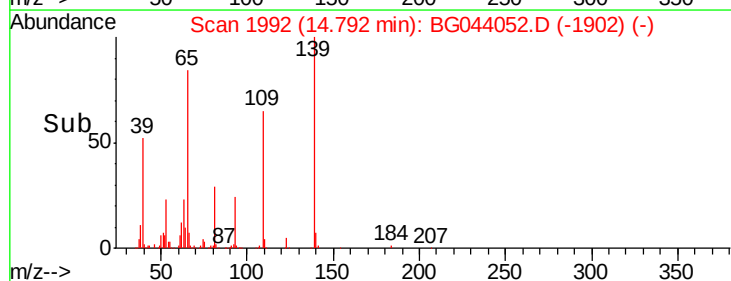
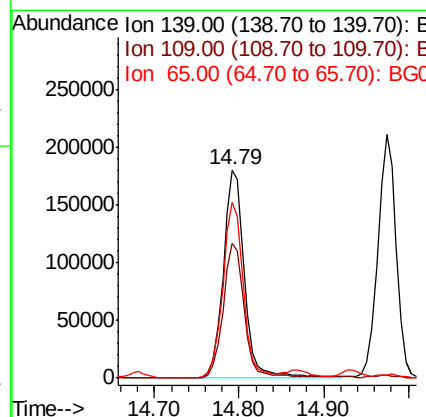
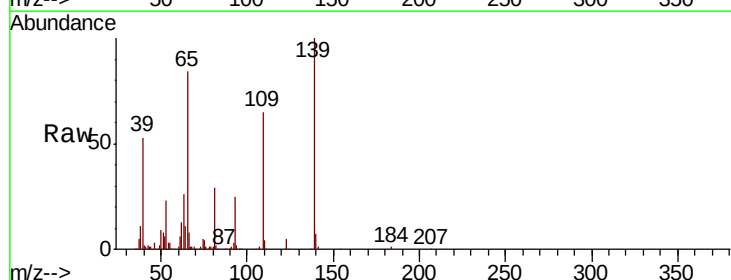
Manual Integrations
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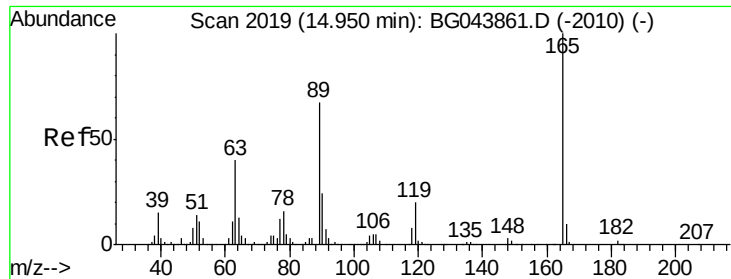
mohammad
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#56
4-Nitrophenol
Concen: 95.223 ng
RT: 14.79 min Scan# 1992
Delta R.T. 0.00 min
Lab File: BG044052.D
Acq: 15 Jan 2020 16:31

Tgt Ion	Ratio	Lower	Upper
139	100		
109	64.9	50.4	90.4
65	84.5	71.4	111.4





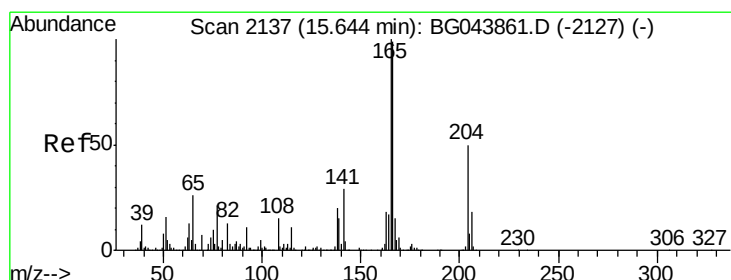
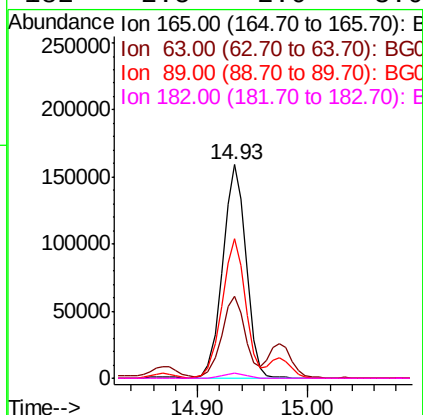
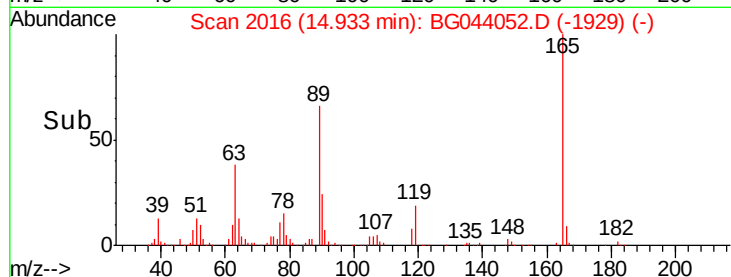
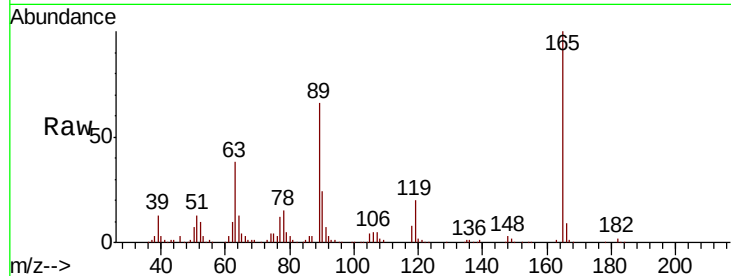
#57
2,4-Dinitrotoluene
Concen: 45.289 ng
RT: 14.93 min Scan# 2016
Delta R.T. -0.02 min
Lab File: BG044052.D
Acq: 15 Jan 2020 16:31

Instrument :
BNA_G
ClientSampleId :
PB126095BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		234811		
63	38.2		31.9	47.9	
89	65.5		53.8	80.6	
182	2.5		2.0	3.0	

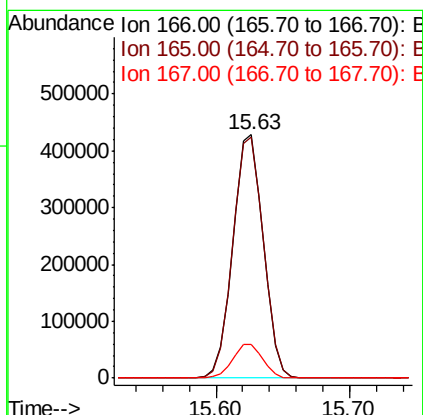
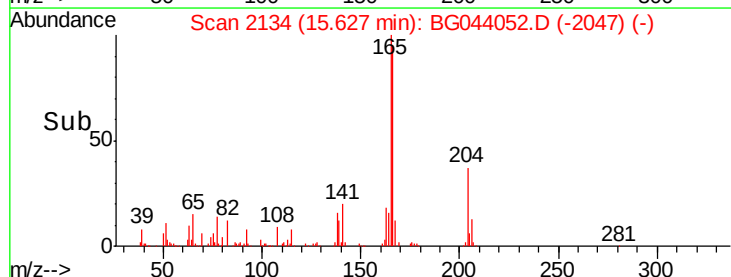
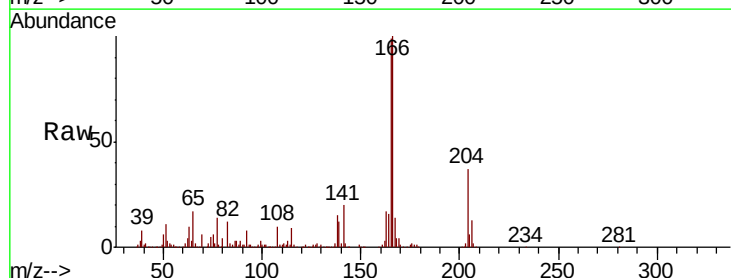
Manual Integrations
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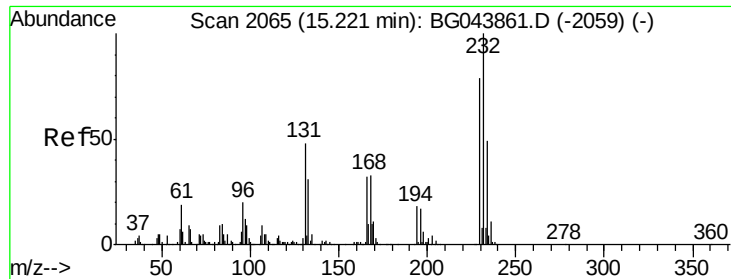
mohammad
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#58
Fluorene
Concen: 44.804 ng
RT: 15.63 min Scan# 2134
Delta R.T. -0.02 min
Lab File: BG044052.D
Acq: 15 Jan 2020 16:31

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		677811		
165	99.0		80.8	121.2	
167	14.1		12.1	18.1	





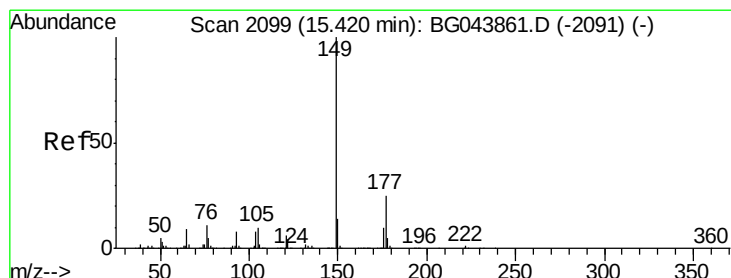
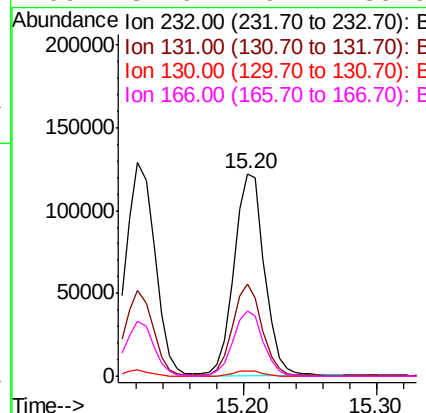
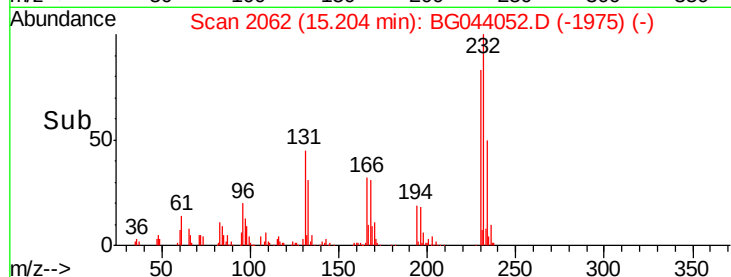
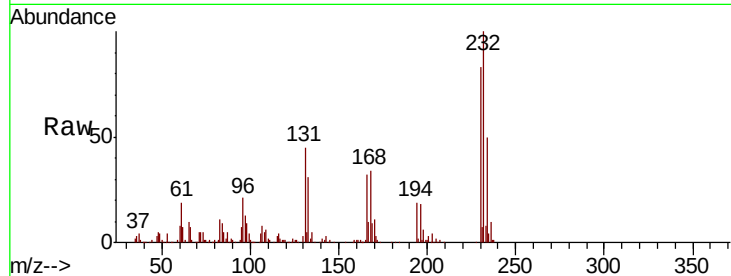
#59
2,3,4,6-Tetrachlorophenol
Concen: 45.666 ng
RT: 15.20 min Scan# 2062
Delta R.T. -0.02 min
Lab File: BG044052.D
Acq: 15 Jan 2020 16:31

Instrument :
BNA_G
ClientSampleId :
PB126095BS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	193928		
131	44.1	38.2	57.2	
130	2.7	2.2	3.2	
166	31.6	26.4	39.6	

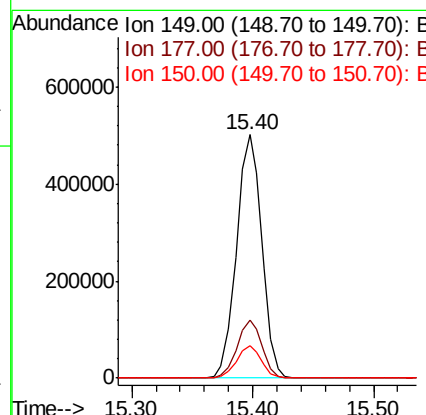
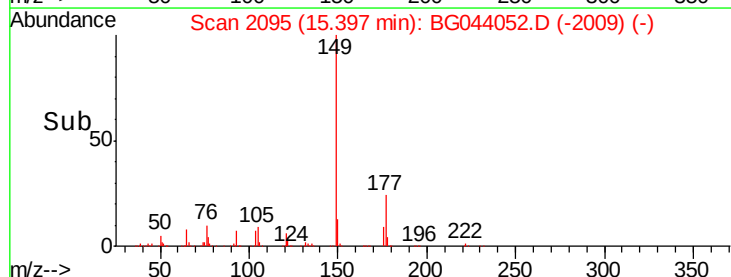
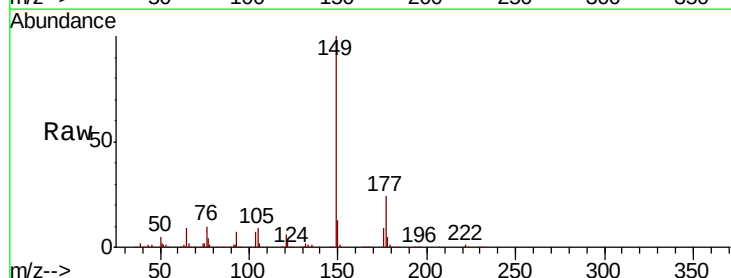
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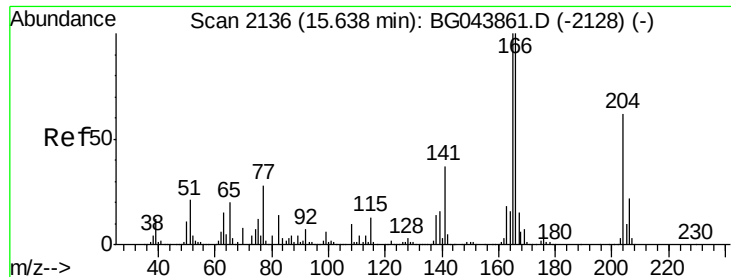
mohammad
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#60
Diethylphthalate
Concen: 43.276 ng
RT: 15.40 min Scan# 2095
Delta R.T. -0.02 min
Lab File: BG044052.D
Acq: 15 Jan 2020 16:31

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	729689		
177	23.7	20.0	30.0	
150	13.2	11.1	16.7	





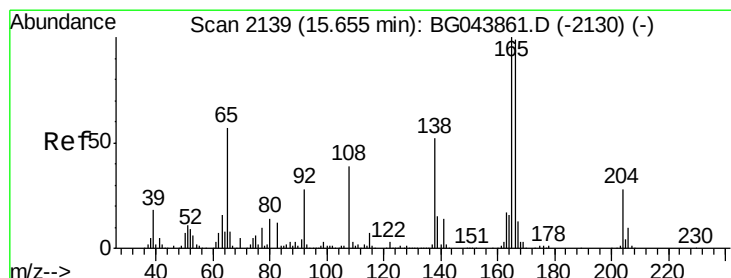
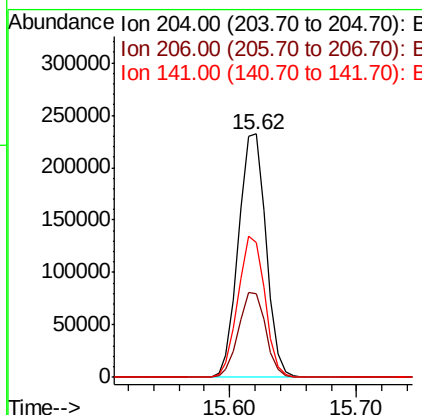
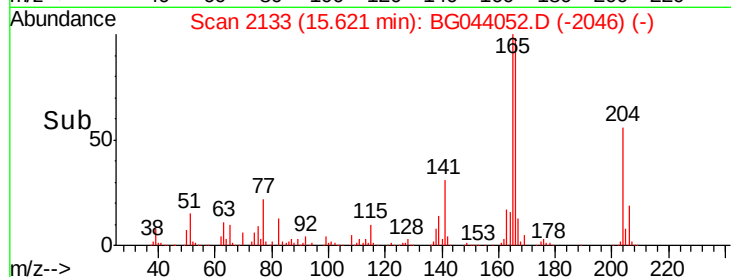
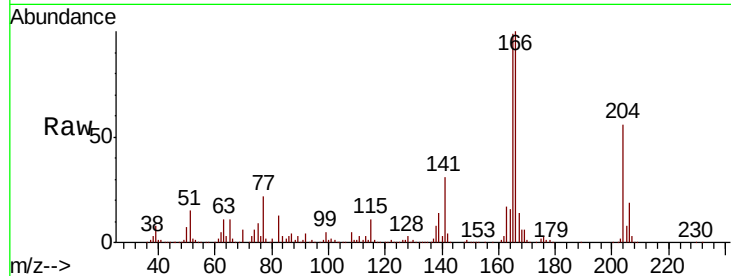
#61
4-Chlorophenyl-phenylether
Concen: 42.372 ng
RT: 15.62 min Scan# 2133
Delta R.T. -0.02 min
Lab File: BG044052.D
Acq: 15 Jan 2020 16:31

Instrument :
BNA_G
ClientSampleId :
PB126095BS

Tot Ion	Ratio	Resp	Lower	Upper
204	100	348071		
206	34.6	28.2	42.2	
141	55.3	48.2	72.2	

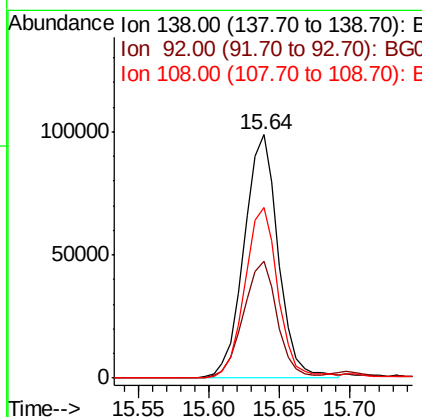
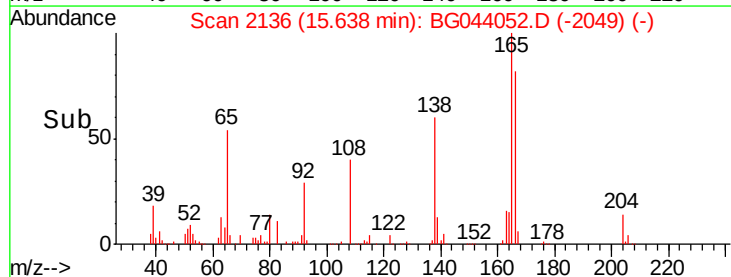
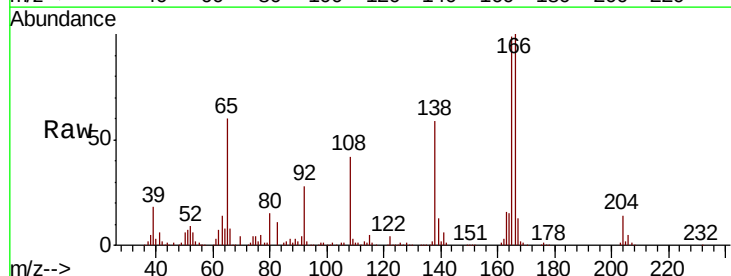
Manual Integrations
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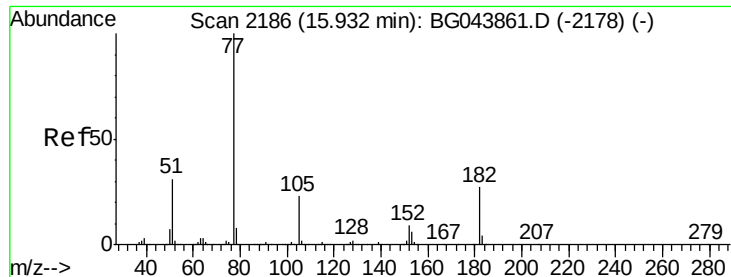
mohammad
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#62
4-Nitroaniline
Concen: 39.315 ng
RT: 15.64 min Scan# 2136
Delta R.T. -0.02 min
Lab File: BG044052.D
Acq: 15 Jan 2020 16:31

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	167991		
92	47.9	34.3	74.3	
108	70.0	55.0	95.0	





#63

Azobenzene

Concen: 42.070 ng

RT: 15.91 min Scan# 2182

Delta R.T. -0.02 min

Lab File: BG044052.D

Acq: 15 Jan 2020 16:31

Instrument :

BNA_G

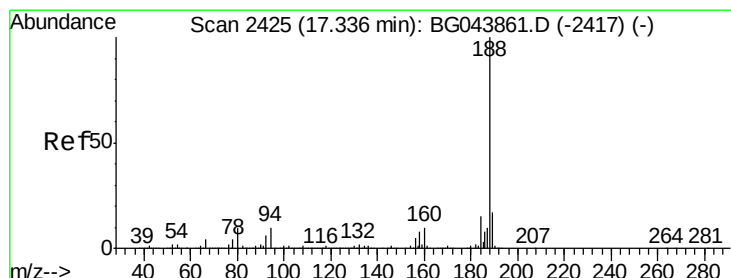
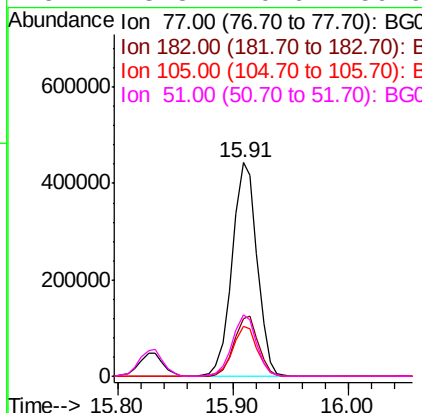
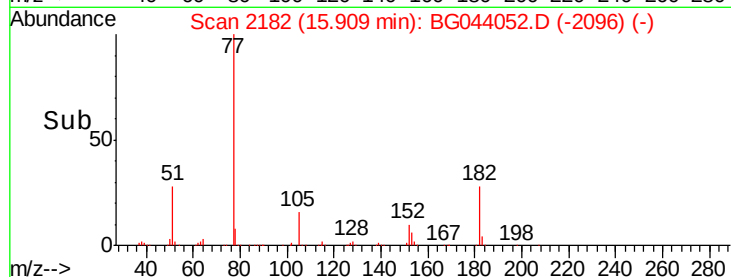
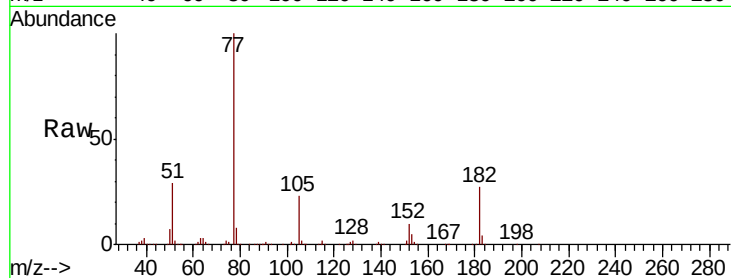
ClientSampleId :

PB126095BS

Tot Ion	Ratio	Lower	Upper
77	100		
182	27.0	7.3	47.3
105	23.3	3.2	43.2
51	28.8	10.6	50.6

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#64

Phenanthrene-d10

Concen: 20.000 ng

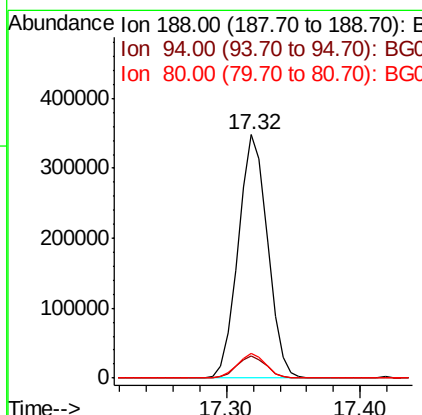
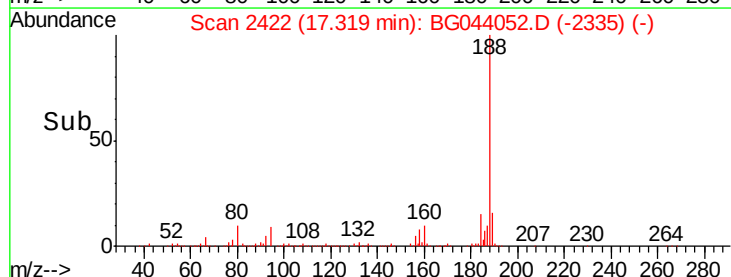
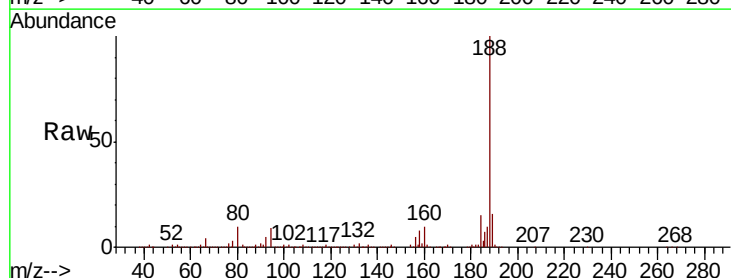
RT: 17.32 min Scan# 2422

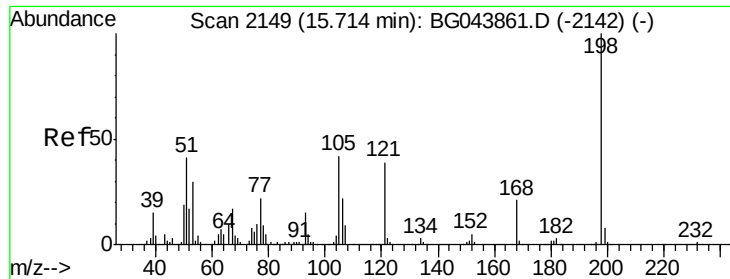
Delta R.T. -0.02 min

Lab File: BG044052.D

Acq: 15 Jan 2020 16:31

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.2	7.9	11.9
80	10.2	8.2	12.4





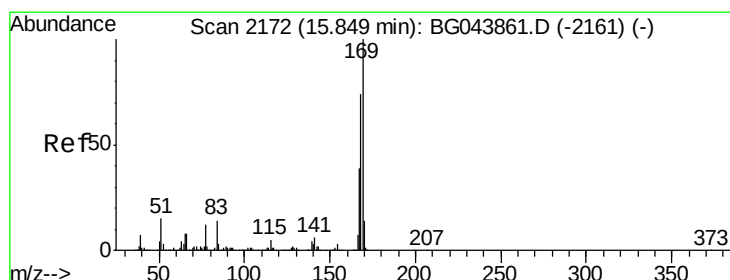
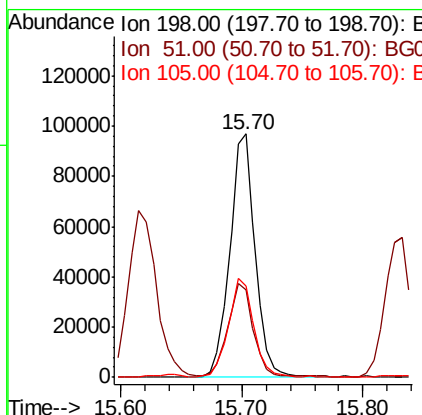
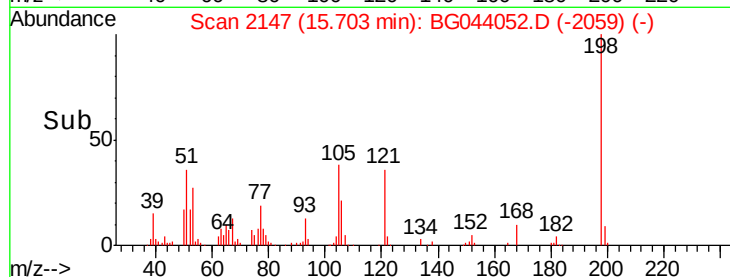
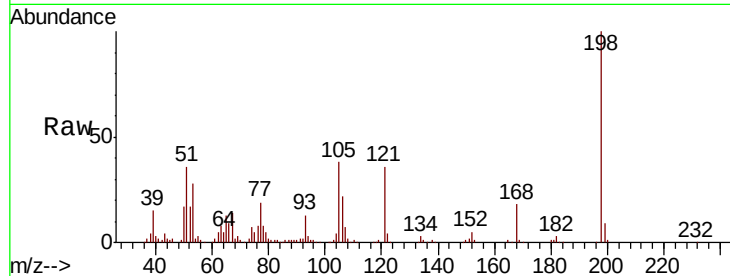
#65
4,6-Dinitro-2-methylphenol
Concen: 51.420 ng
RT: 15.70 min Scan# 2147
Delta R.T. -0.01 min
Lab File: BG044052.D
Acq: 15 Jan 2020 16:31

Instrument :
BNA_G
ClientSampleId :
PB126095BS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	141548		
51	35.8	22.5	62.5	
105	37.7	22.3	62.3	

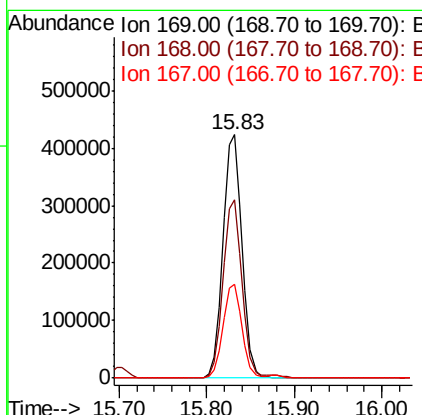
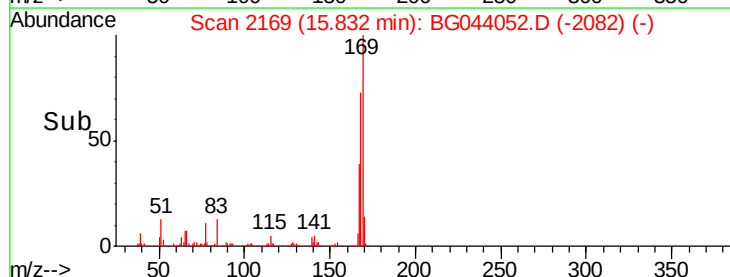
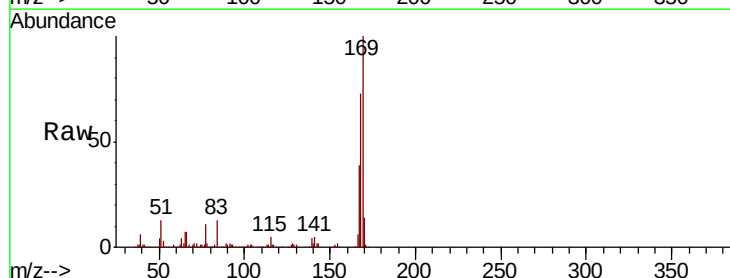
Manual Integrations
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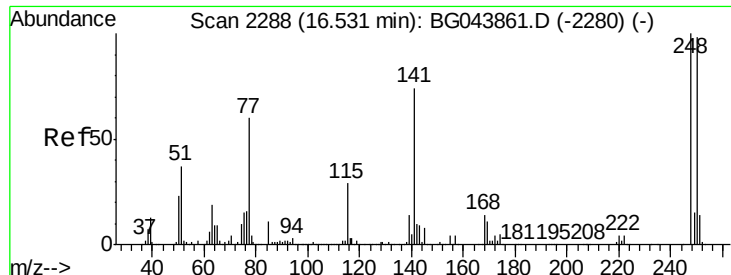
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#66
n-Nitrosodiphenylamine
Concen: 40.673 ng
RT: 15.83 min Scan# 2169
Delta R.T. -0.02 min
Lab File: BG044052.D
Acq: 15 Jan 2020 16:31

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	635687		
168	73.4	59.0	88.6	
167	38.7	31.4	47.0	





#67

4-Bromophenyl-phenylether

Concen: 38.490 ng

RT: 16.51 min Scan# 2284

Delta R.T. -0.02 min

Lab File: BG044052.D

Acq: 15 Jan 2020 16:31

Instrument :

BNA_G

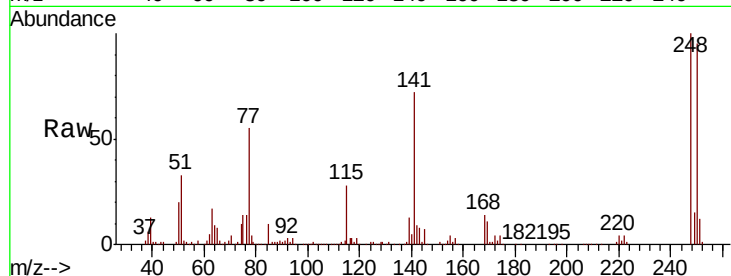
ClientSampleId :

PB126095BS

Tot Ion:	248	Resp:	229748
Ion Ratio	Lower	Upper	
248	100		
250	95.0	78.2	117.2
141	71.7	59.3	88.9

Manual Integrations
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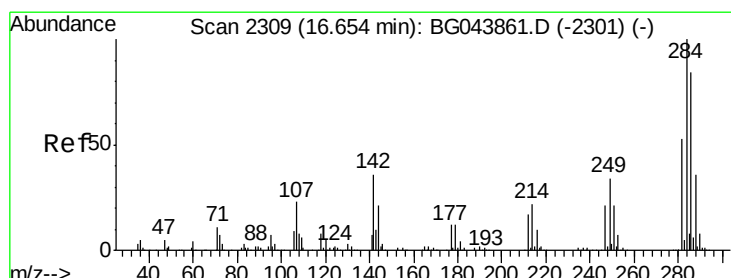
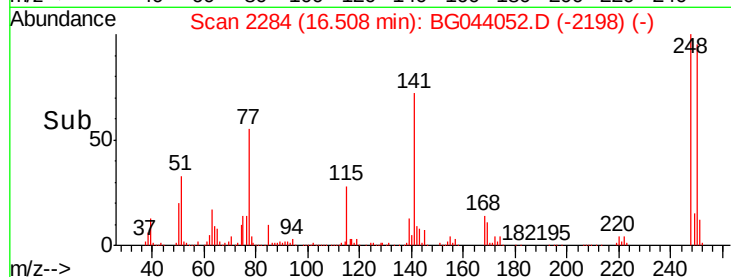
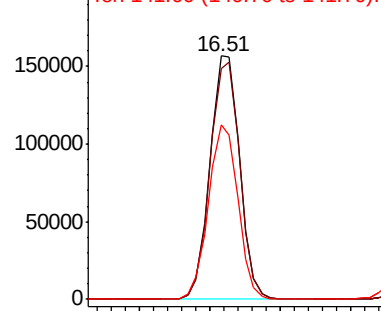


Abundance

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: 38.987 ng

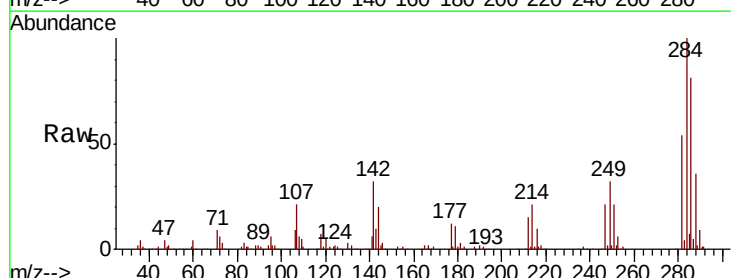
RT: 16.64 min Scan# 2306

Delta R.T. -0.02 min

Lab File: BG044052.D

Acq: 15 Jan 2020 16:31

Tgt Ion:	284	Resp:	250762
Ion Ratio	Lower	Upper	
284	100		
142	31.8	28.6	43.0
249	31.6	27.0	40.6

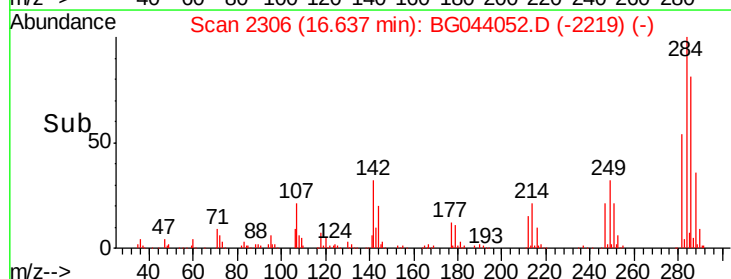
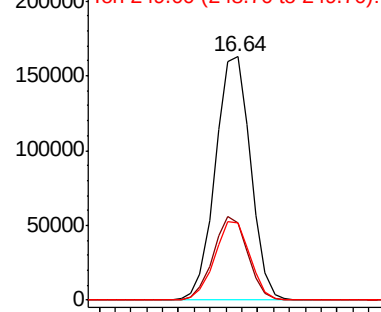


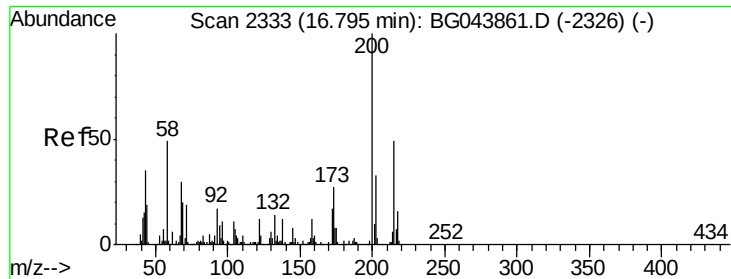
Abundance

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





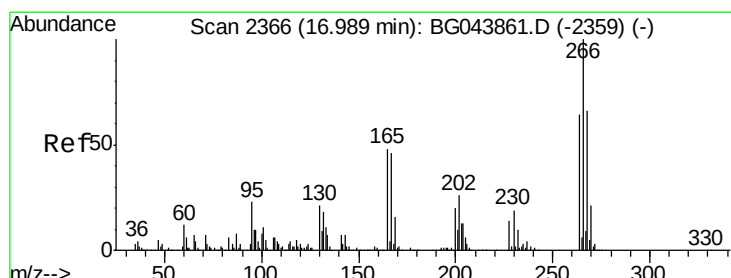
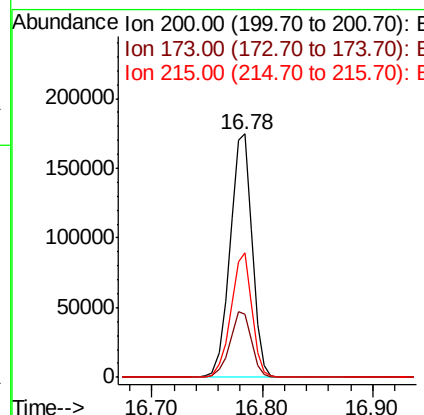
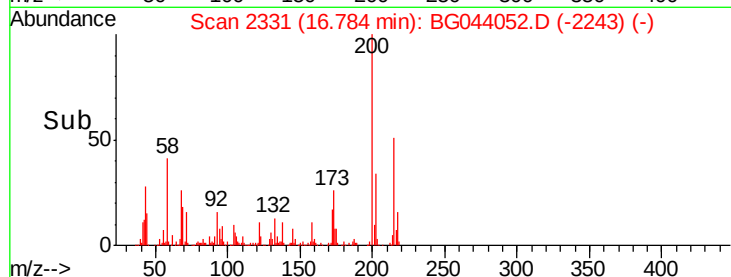
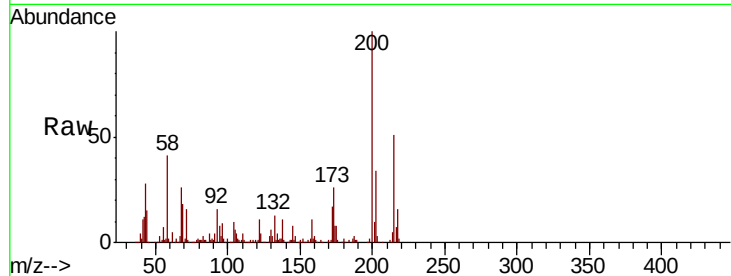
#69
Atrazine
Concen: 47.939 ng
RT: 16.78 min Scan# 2331
Delta R.T. -0.01 min
Lab File: BG044052.D
Acq: 15 Jan 2020 16:31

Instrument :
BNA_G
ClientSampleId :
PB126095BS

Tot Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	25.8	6.6	46.6
215	51.0	28.6	68.6

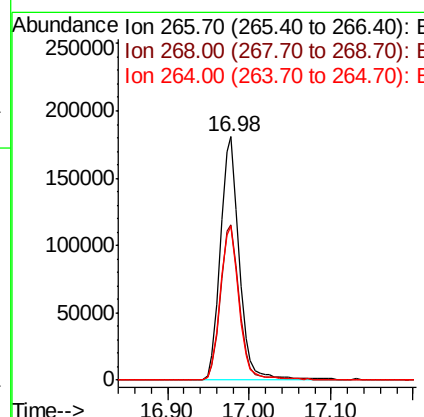
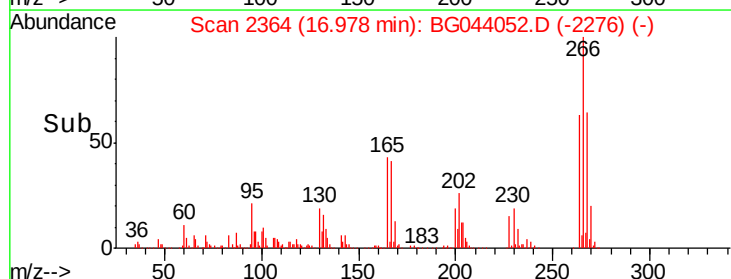
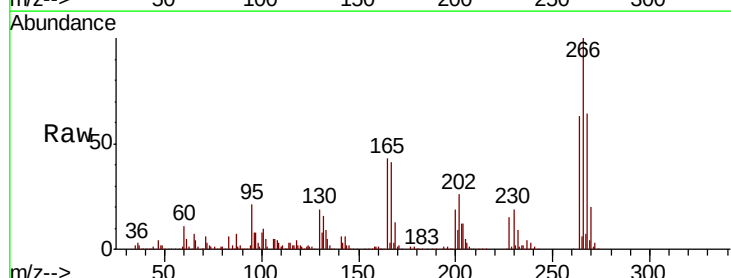
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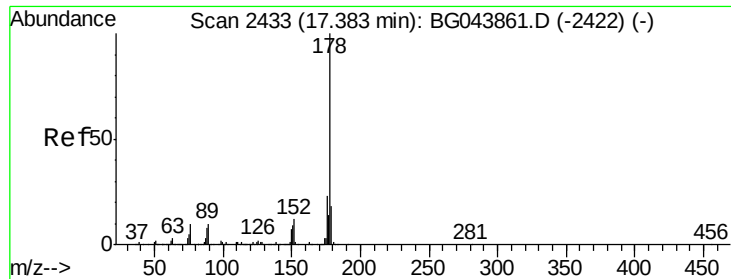
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#70
Pentachlorophenol
Concen: 82.662 ng
RT: 16.98 min Scan# 2364
Delta R.T. -0.01 min
Lab File: BG044052.D
Acq: 15 Jan 2020 16:31

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	63.7	52.6	79.0
264	63.4	50.8	76.2





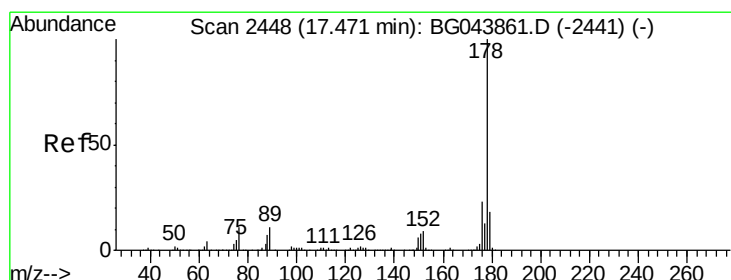
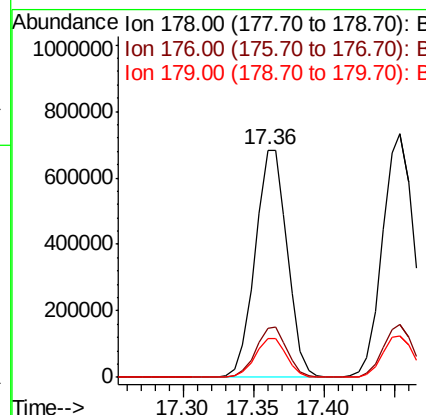
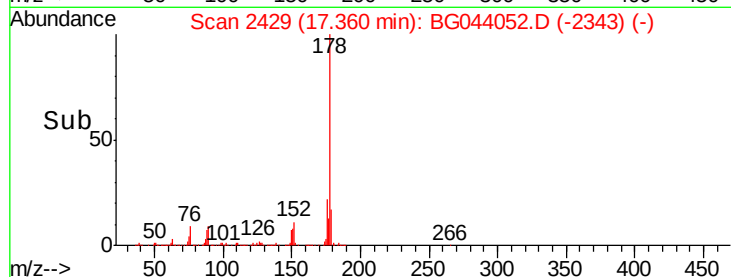
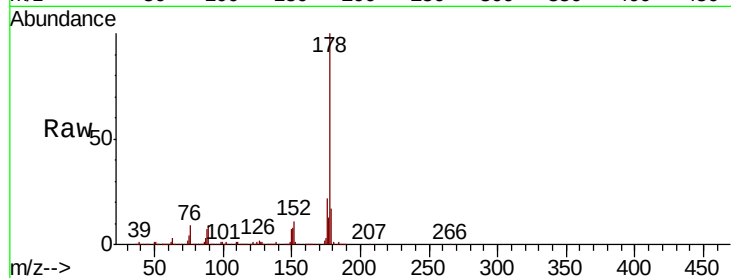
#71
Phenanthrene
Concen: 42.891 ng
RT: 17.36 min Scan# 2429
Delta R.T. -0.02 min
Lab File: BG044052.D
Acq: 15 Jan 2020 16:31

Instrument :
BNA_G
ClientSampleId :
PB126095BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	21.8	18.6	28.0
179	17.3	14.4	21.6

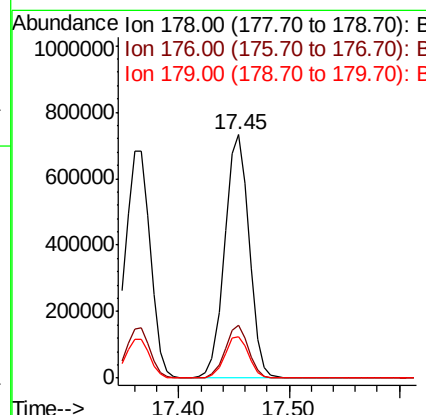
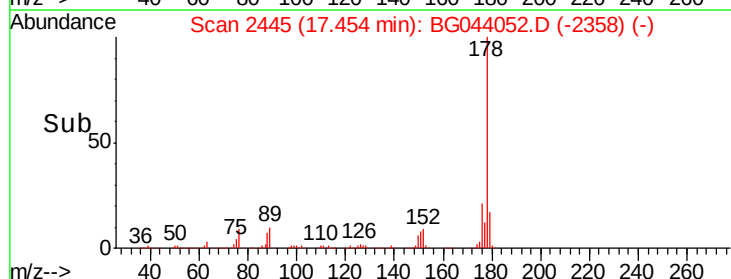
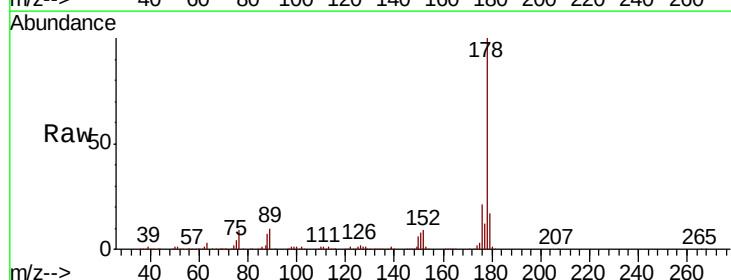
Manual Integrations
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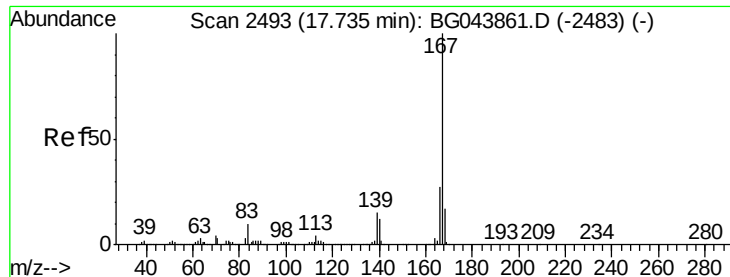
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#72
Anthracene
Concen: 44.991 ng
RT: 17.45 min Scan# 2445
Delta R.T. -0.02 min
Lab File: BG044052.D
Acq: 15 Jan 2020 16:31

Tgt Ion	Ratio	Lower	Upper
178	100		
176	21.5	18.3	27.5
179	17.2	14.6	22.0





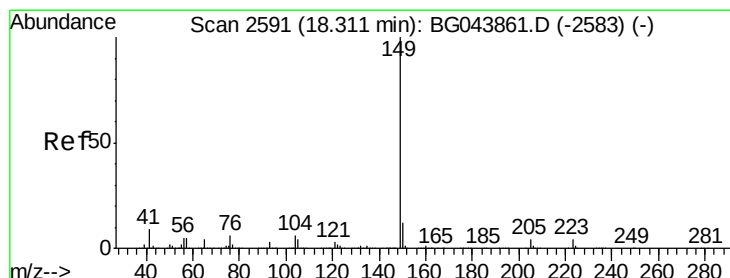
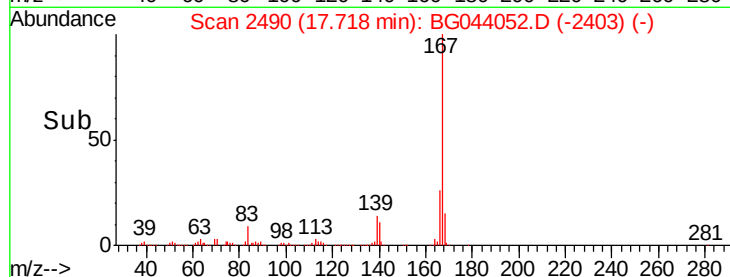
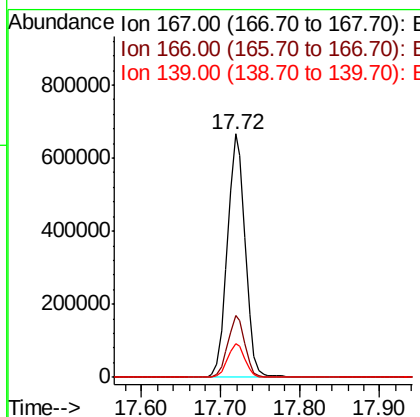
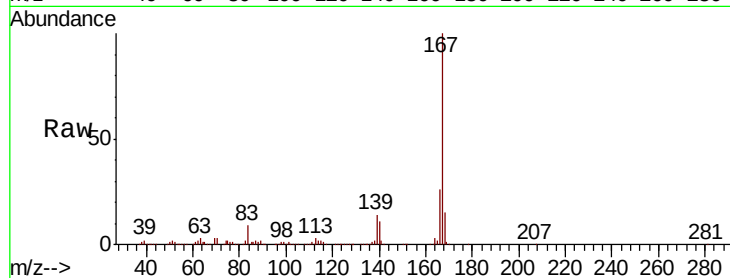
#73
 Carbazole
 Concen: 44.437 ng
 RT: 17.72 min Scan# 2490
 Delta R.T. -0.02 min
 Lab File: BG044052.D
 Acq: 15 Jan 2020 16:31

Instrument :
 BNA_G
 ClientSampleId :
 PB126095BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	25.6	21.6	32.4
139	14.0	12.1	18.1

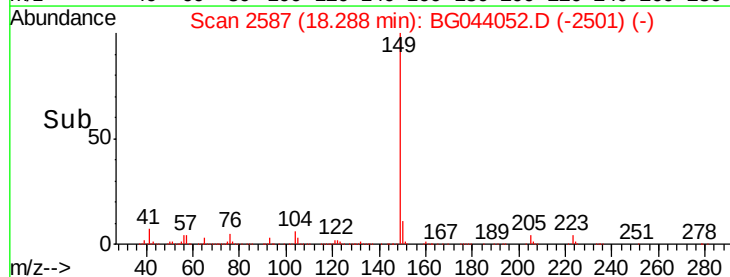
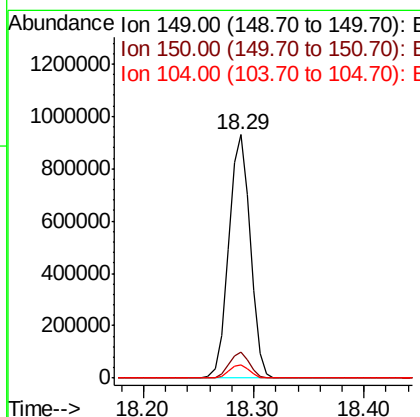
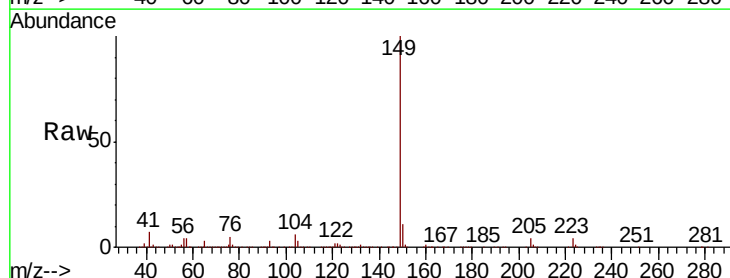
Manual Integrations
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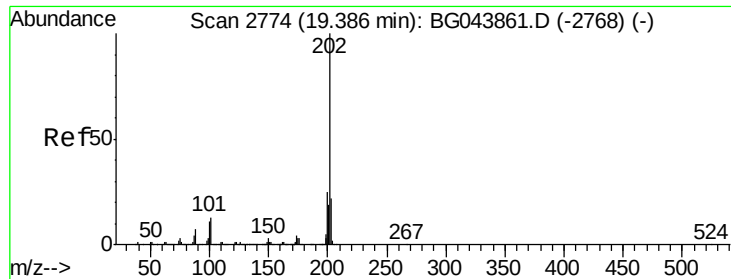
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#74
 Di-n-butylphthalate
 Concen: 42.840 ng
 RT: 18.29 min Scan# 2587
 Delta R.T. -0.02 min
 Lab File: BG044052.D
 Acq: 15 Jan 2020 16:31

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.7	9.7	14.5
104	5.6	5.0	7.4





#75

Fluoranthene

Concen: 43.837 ng

RT: 19.37 min Scan# 2771

Delta R.T. -0.02 min

Lab File: BG044052.D

Acq: 15 Jan 2020 16:31

Instrument :

BNA_G

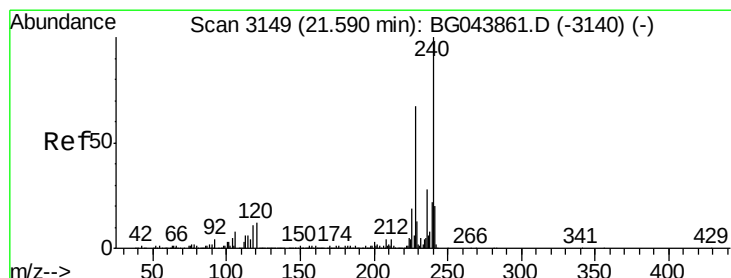
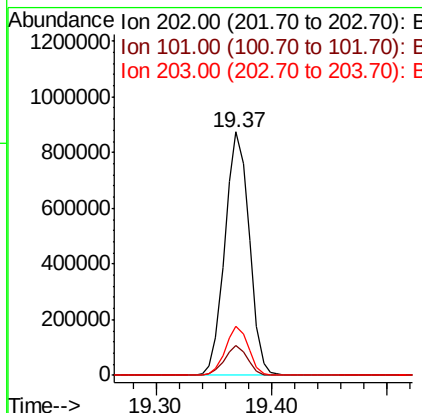
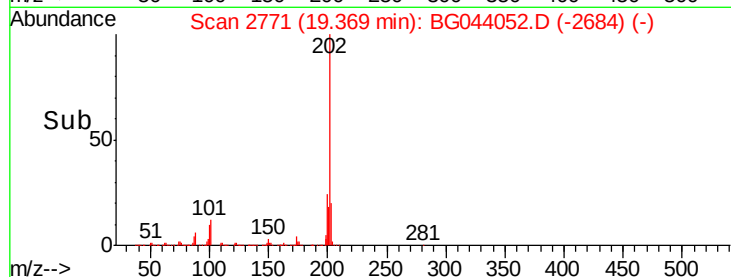
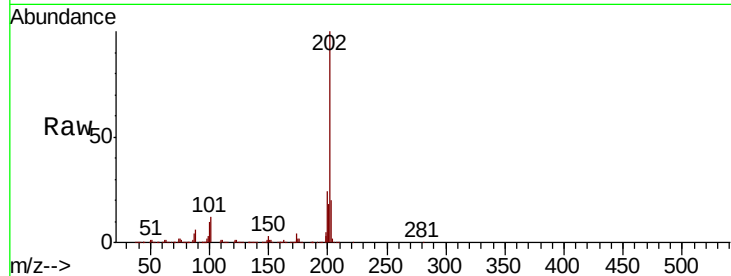
ClientSampleId :

PB126095BS

Tot Ion:	202	Resp:	1276242
Ion Ratio	Lower	Upper	
202	100		
101	12.1	0.0	33.3
203	20.3	1.6	41.6

Manual Integrations
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#76

Chrysene-d12

Concen: 20.000 ng

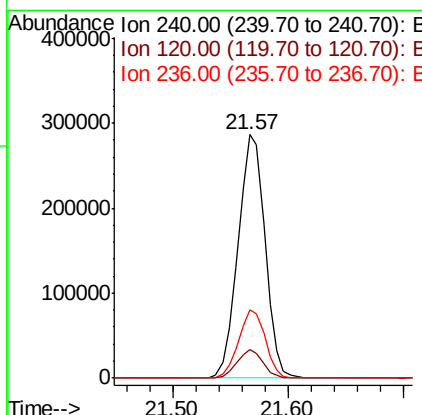
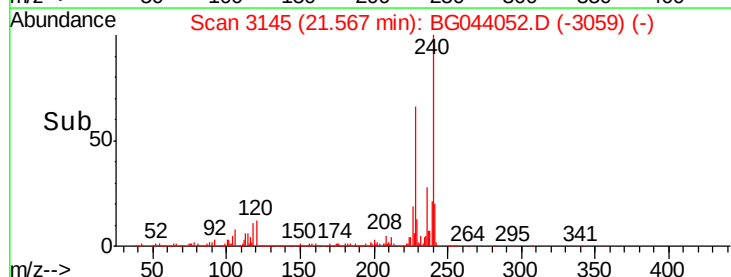
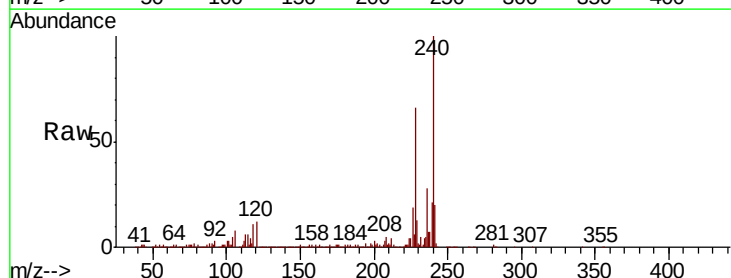
RT: 21.57 min Scan# 3145

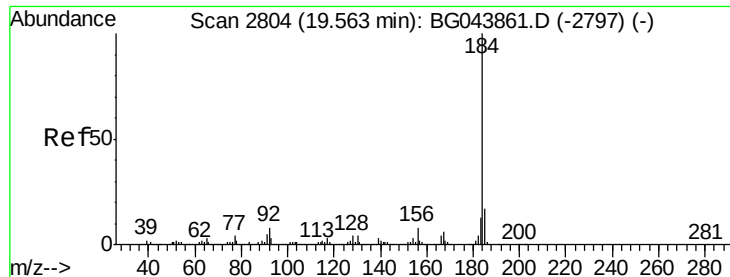
Delta R.T. -0.02 min

Lab File: BG044052.D

Acq: 15 Jan 2020 16:31

Tgt Ion:	240	Resp:	464058
Ion Ratio	Lower	Upper	
240	100		
120	11.7	9.6	14.4
236	28.1	22.2	33.2





#77

Benzidine

Concen: 48.293 ng

RT: 19.55 min Scan# 2801

Delta R.T. -0.02 min

Lab File: BG044052.D

Acq: 15 Jan 2020 16:31

Instrument :

BNA_G

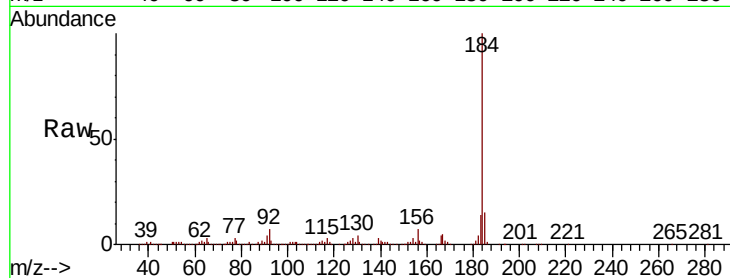
ClientSampleId :

PB126095BS

Tot Ion	Ratio	Lower	Upper
184	100		
185	15.2	13.4	20.0
183	13.6	10.6	15.8

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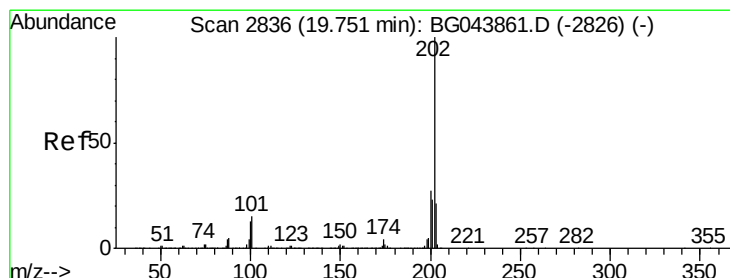
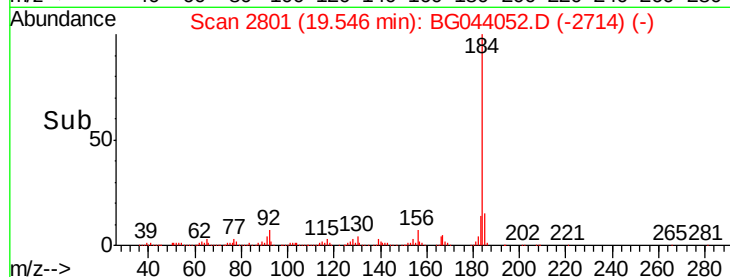
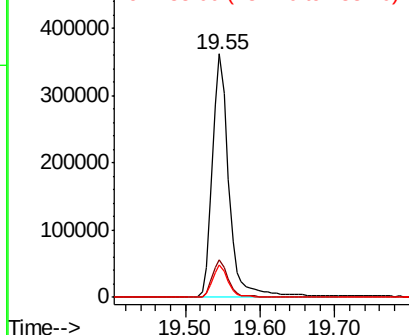


Abundance

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: 42.370 ng

RT: 19.73 min Scan# 2832

Delta R.T. -0.02 min

Lab File: BG044052.D

Acq: 15 Jan 2020 16:31

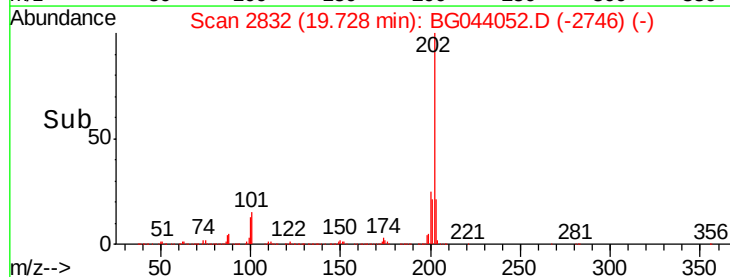
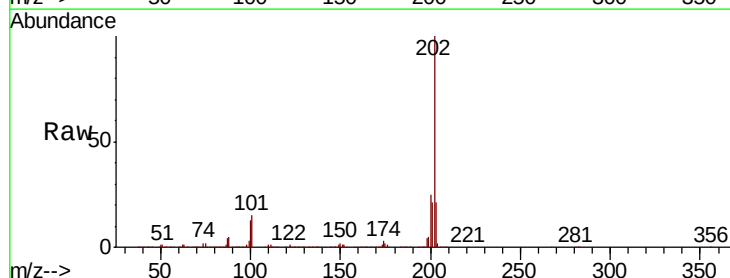
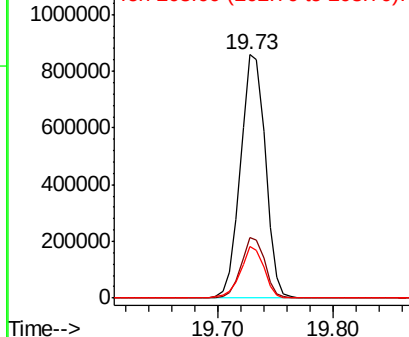
Tgt Ion	Ratio	Lower	Upper
202	100		
200	24.9	21.7	32.5
203	21.1	17.0	25.6

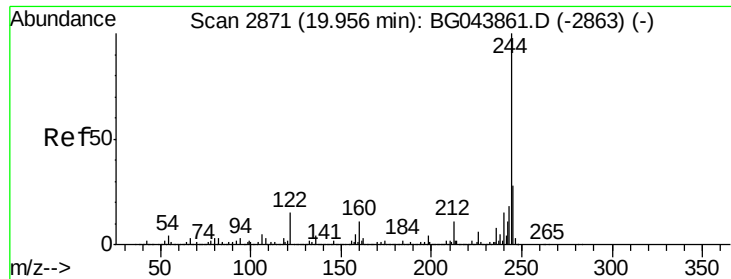
Abundance

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





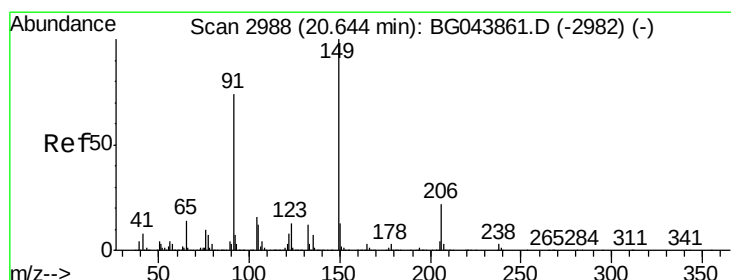
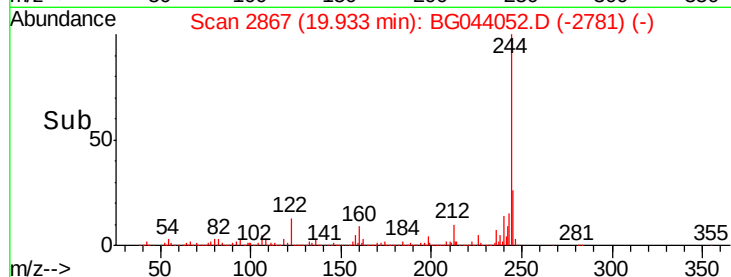
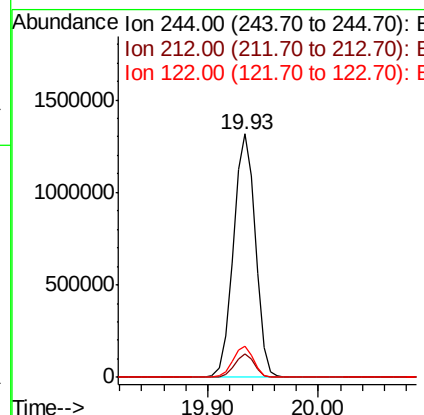
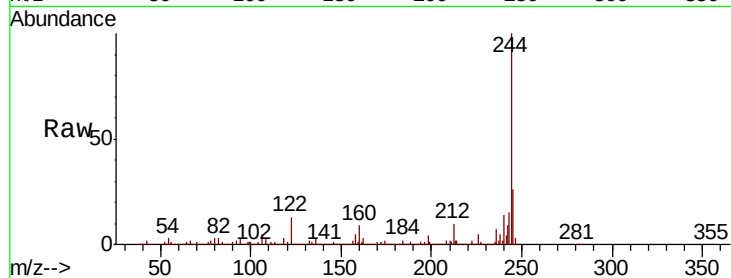
#79
 Terphenyl-d14
 Concen: 99.320 ng
 RT: 19.93 min Scan# 2867
 Delta R.T. -0.02 min
 Lab File: BG044052.D
 Acq: 15 Jan 2020 16:31

Instrument :
 BNA_G
 ClientSampleId :
 PB126095BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	9.7	8.6	13.0
122	12.9	11.9	17.9

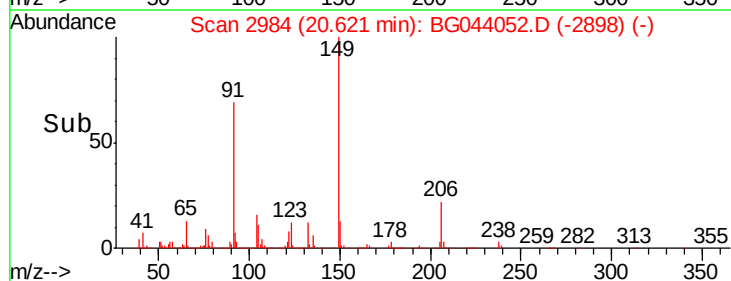
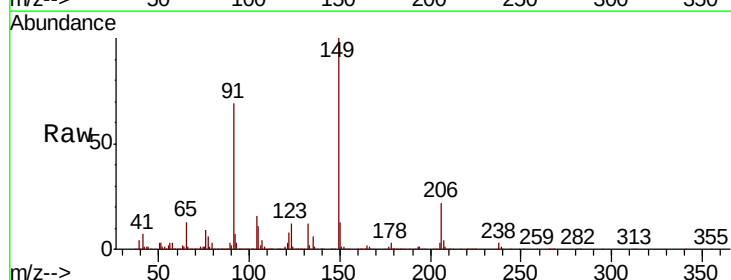
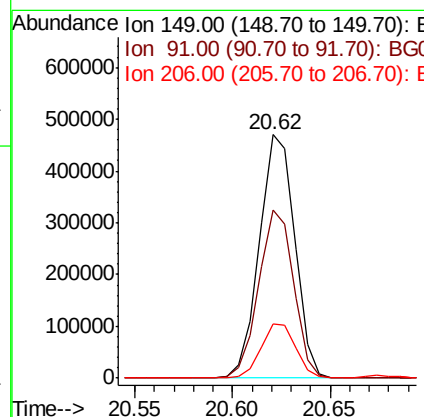
Manual Integrations
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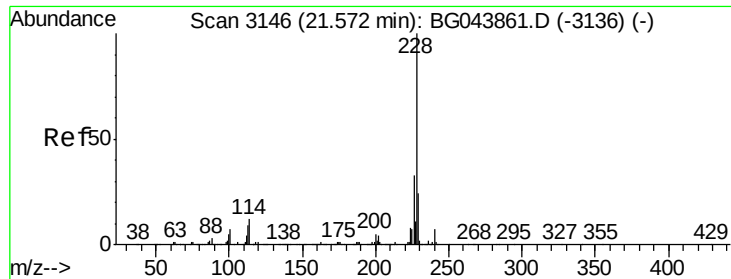
mohammad
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#80
 Butylbenzylphthalate
 Concen: 40.888 ng
 RT: 20.62 min Scan# 2984
 Delta R.T. -0.02 min
 Lab File: BG044052.D
 Acq: 15 Jan 2020 16:31

Tgt Ion	Ratio	Lower	Upper
149	100		
91	69.1	59.5	89.3
206	22.3	17.8	26.6





#81

Benzo(a)anthracene

Concen: 42.229 ng

RT: 21.55 min Scan# 3142

Delta R.T. -0.02 min

Lab File: BG044052.D

Acq: 15 Jan 2020 16:31

Instrument :

BNA_G

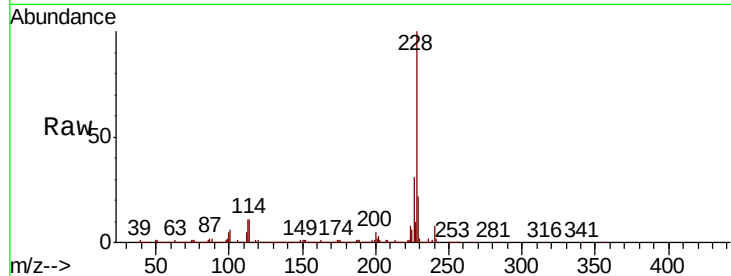
ClientSampleId :

PB126095BS

Tot Ion:	228	Resp:	1215137
Ion	Ratio	Lower	Upper
228	100		
226	31.2	26.2	39.4
229	22.4	18.9	28.3

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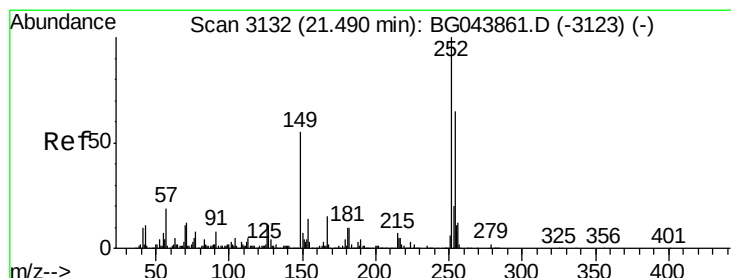
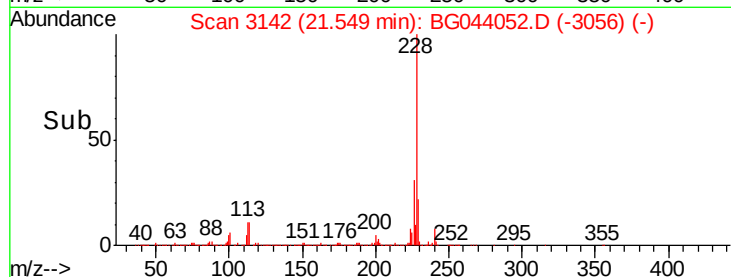
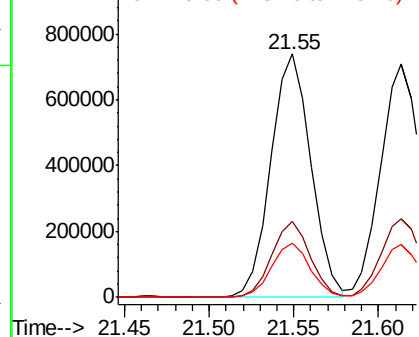


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 29.726 ng

RT: 21.47 min Scan# 3128

Delta R.T. -0.02 min

Lab File: BG044052.D

Acq: 15 Jan 2020 16:31

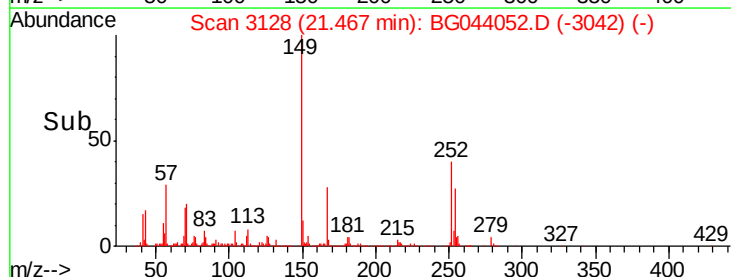
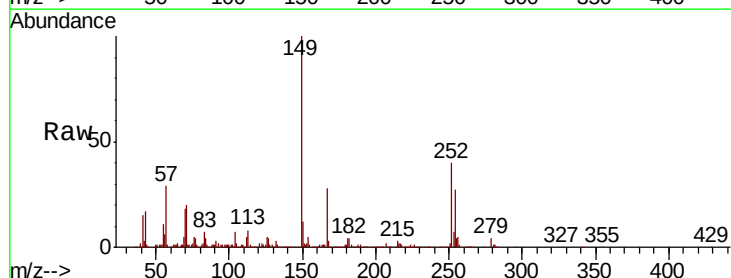
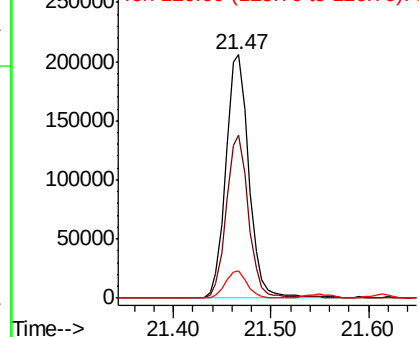
Tgt Ion:	252	Resp:	337929
Ion	Ratio	Lower	Upper
252	100		
254	66.8	52.1	78.1
126	11.2	9.1	13.7

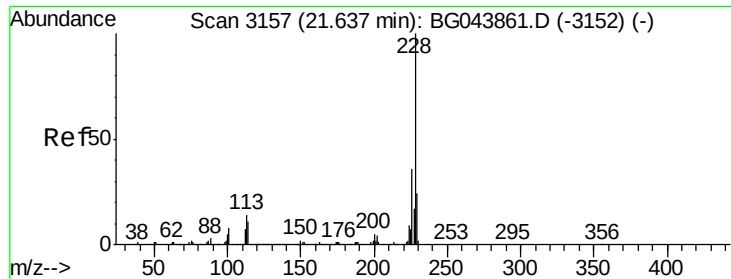
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





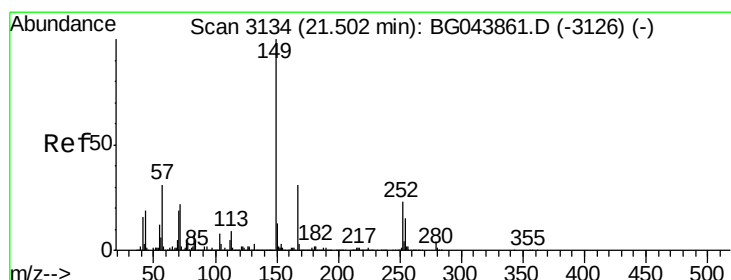
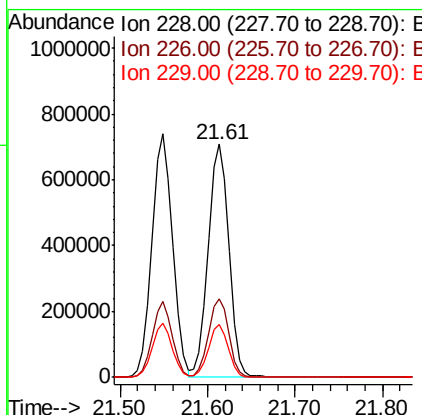
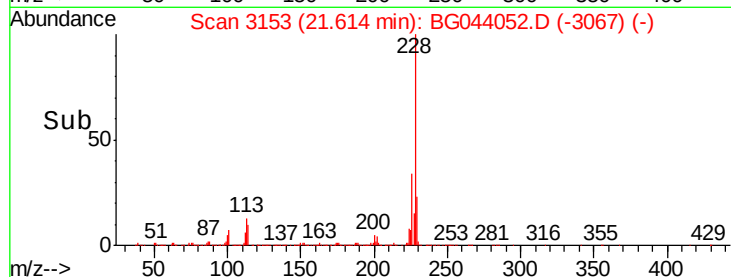
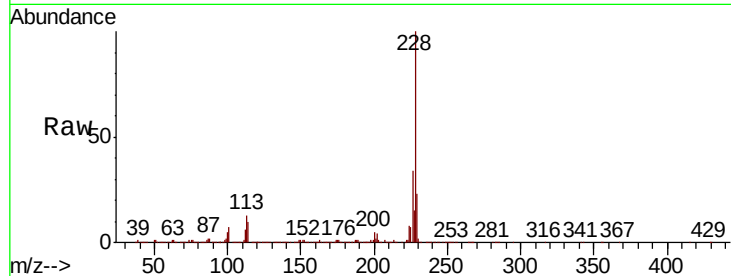
#83
Chrysene
Concen: 42.857 ng
RT: 21.61 min Scan# 3153
Delta R.T. -0.02 min
Lab File: BG044052.D
Acq: 15 Jan 2020 16:31

Instrument :
BNA_G
ClientSampleId :
PB126095BS

Tot Ion: 228 Resp: 1171790
Ion Ratio Lower Upper
228 100
226 33.8 28.8 43.2
229 22.7 19.0 28.6

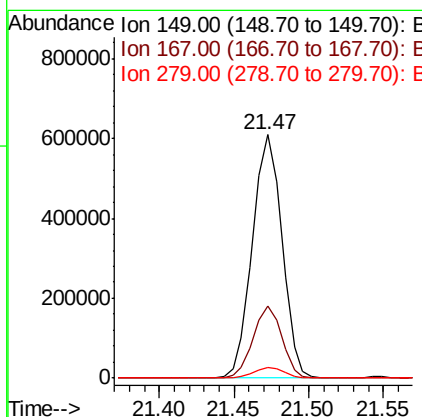
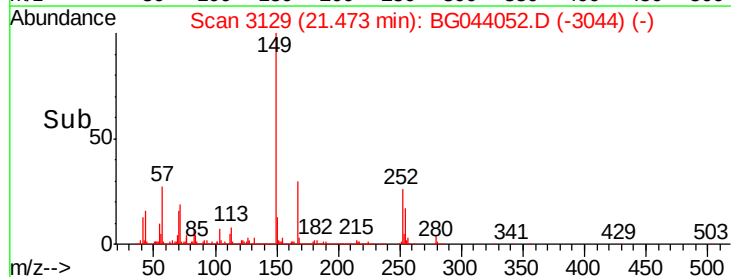
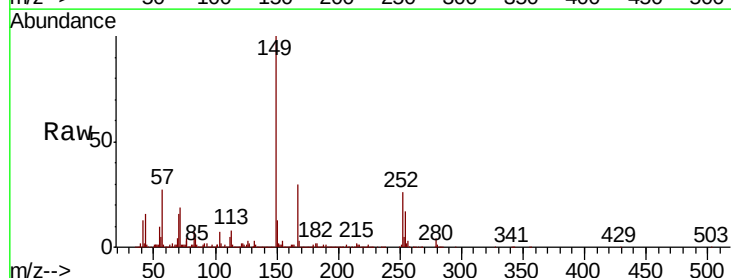
Manual Integrations
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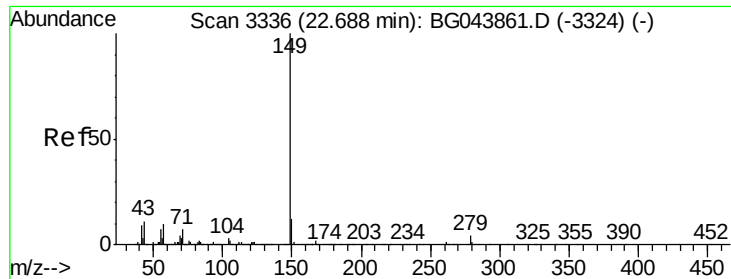
mohammad
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#84
Bis(2-ethylhexyl)phthalate
Concen: 41.742 ng
RT: 21.47 min Scan# 3129
Delta R.T. -0.03 min
Lab File: BG044052.D
Acq: 15 Jan 2020 16:31

Tgt Ion: 149 Resp: 830597
Ion Ratio Lower Upper
149 100
167 29.6 24.7 37.1
279 4.4 3.3 4.9





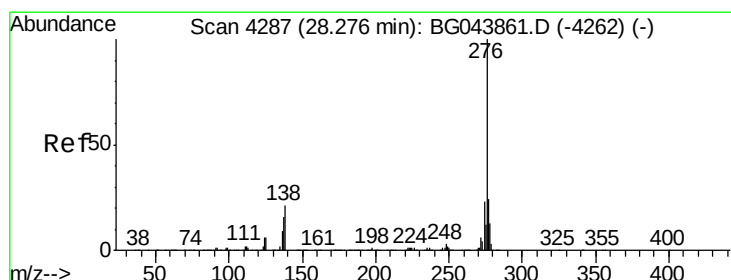
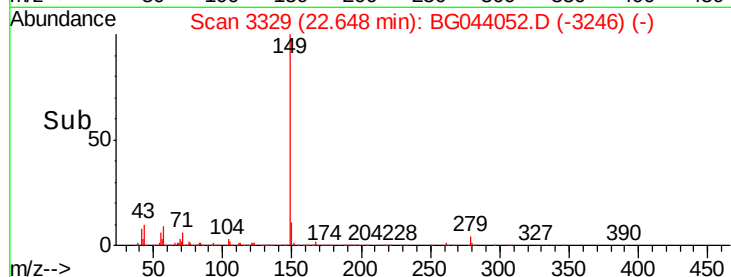
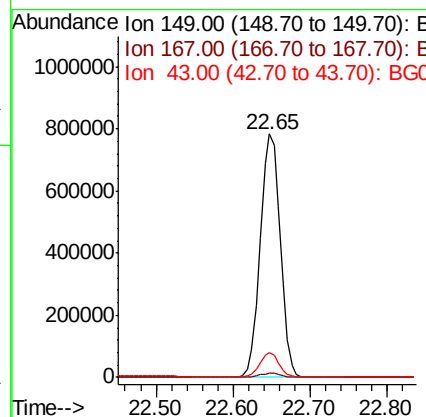
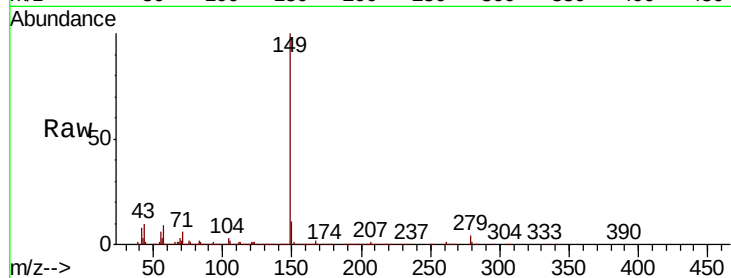
#85
Di-n-octyl phthalate
Concen: 42.612 ng
RT: 22.65 min Scan# 3329
Delta R.T. -0.04 min
Lab File: BG044052.D
Acq: 15 Jan 2020 16:31

Instrument :
BNA_G
ClientSampleId :
PB126095BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.4	2.0
43	9.5	8.8	13.2

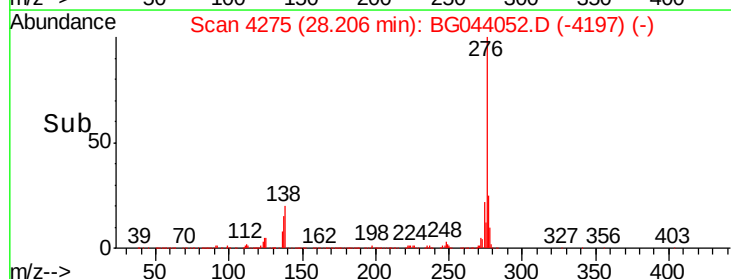
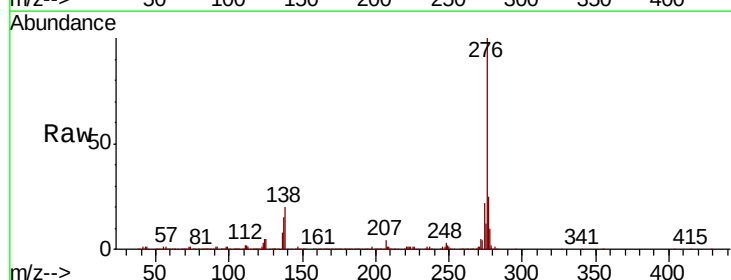
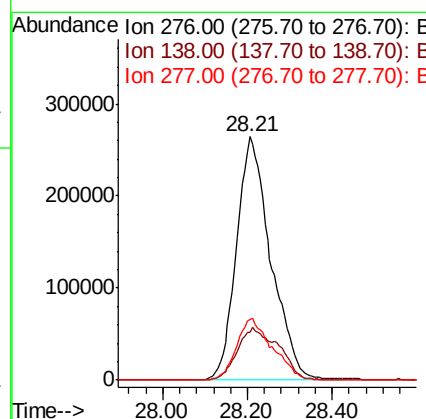
Manual Integrations
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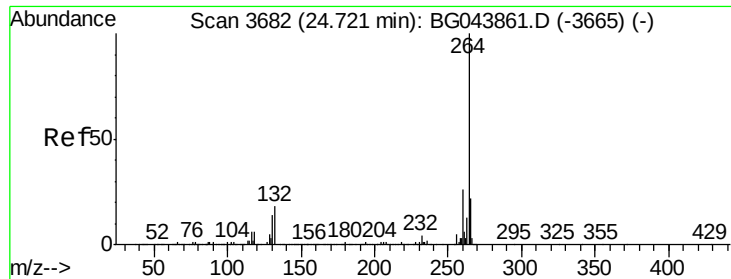
mohammad
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#86
Indeno(1,2,3-cd)pyrene
Concen: 39.899 ng
RT: 28.21 min Scan# 4275
Delta R.T. -0.07 min
Lab File: BG044052.D
Acq: 15 Jan 2020 16:31

Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.7	21.0	31.4
277	26.4	21.1	31.7





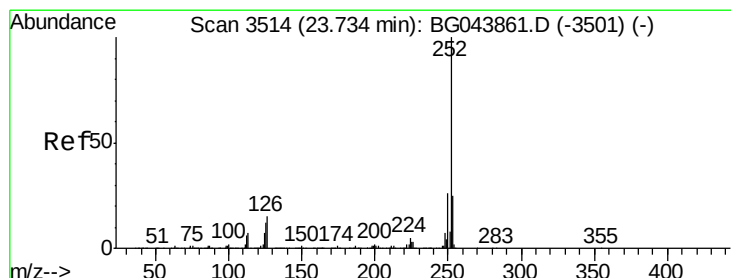
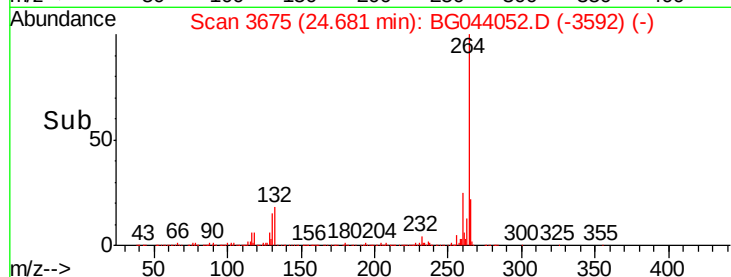
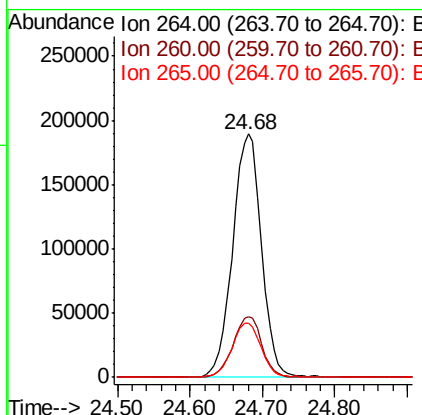
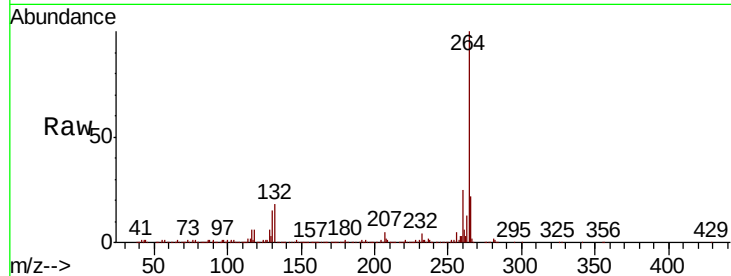
#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.68 min Scan# 3675
Delta R.T. -0.04 min
Lab File: BG044052.D
Acq: 15 Jan 2020 16:31

Instrument :
BNA_G
ClientSampleId :
PB126095BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.8	20.4	30.6
265	22.3	17.4	26.2

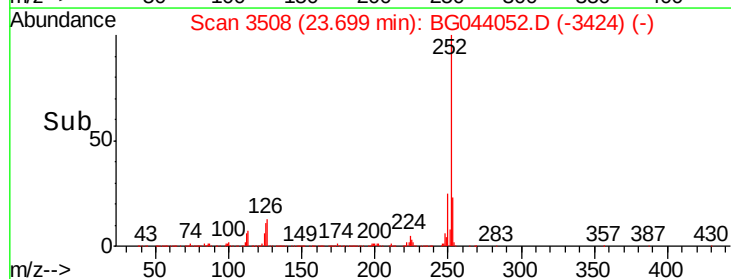
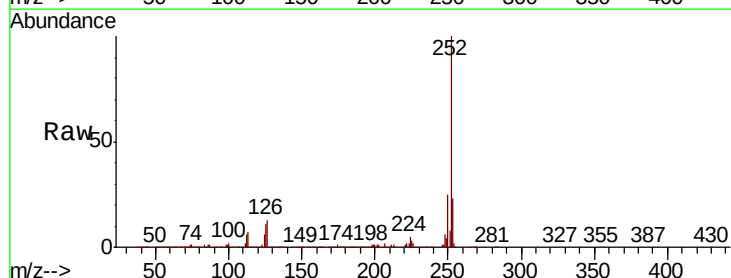
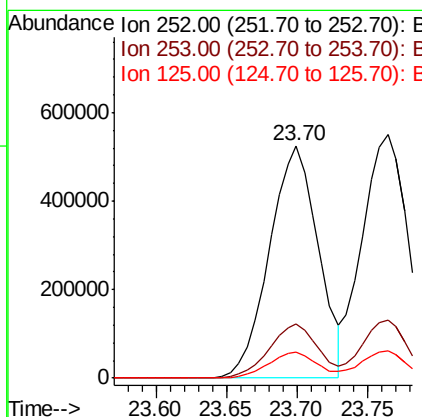
Manual Integrations
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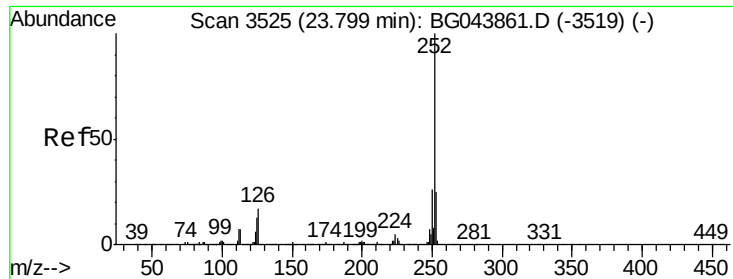
mohammad
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#88
Benzo(b)fluoranthene
Concen: 41.101 ng
RT: 23.70 min Scan# 3508
Delta R.T. -0.03 min
Lab File: BG044052.D
Acq: 15 Jan 2020 16:31

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.2	19.7	29.5
125	11.3	9.4	14.2





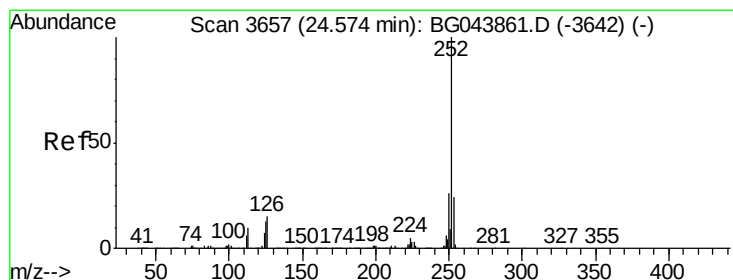
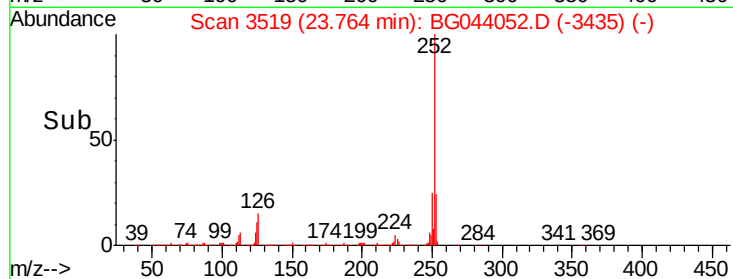
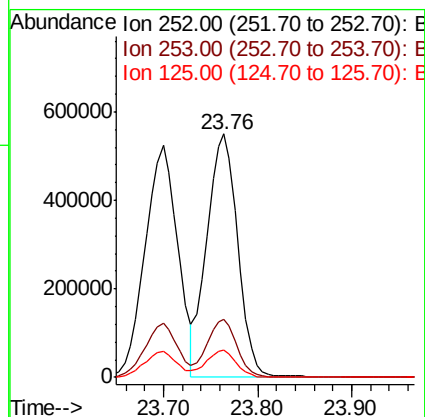
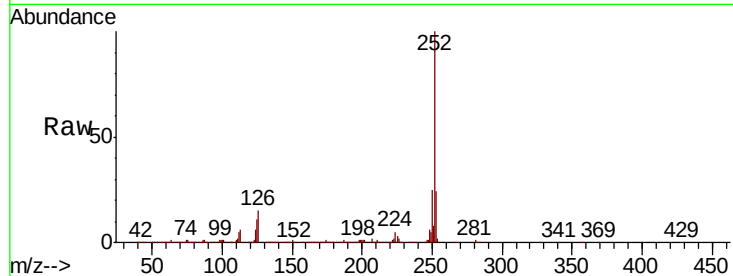
#89
Benzo(k)fluoranthene
Concen: 42.917 ng
RT: 23.76 min Scan# 3519
Delta R.T. -0.03 min
Lab File: BG044052.D
Acq: 15 Jan 2020 16:31

Instrument :
BNA_G
ClientSampleId :
PB126095BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.7	19.4	29.2
125	11.1	9.9	14.9

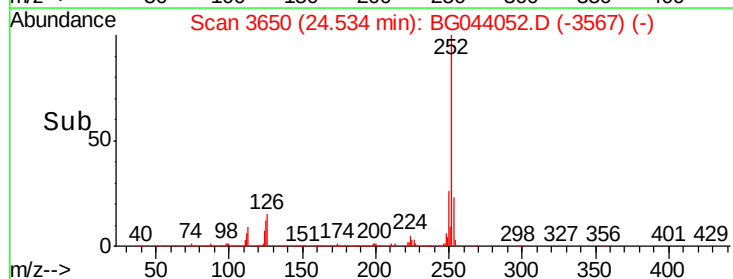
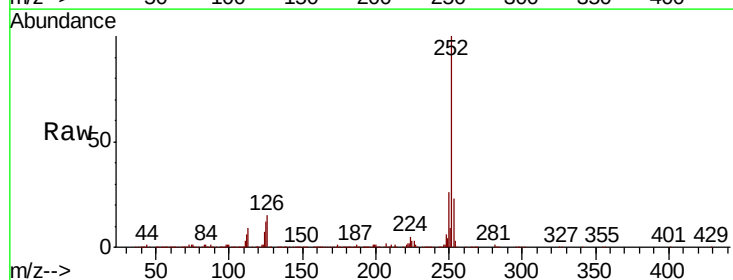
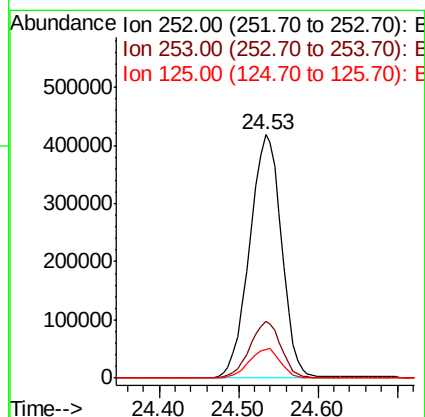
Manual Integrations
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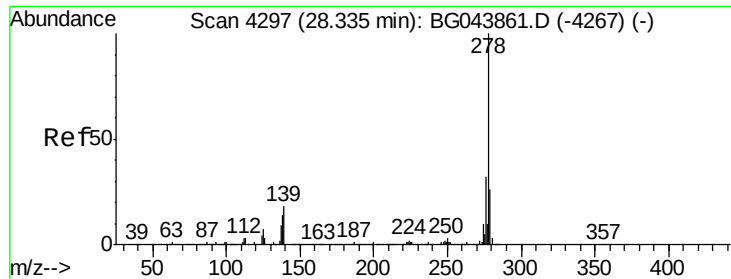
mohammad
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#90
Benzo(a)pyrene
Concen: 40.458 ng
RT: 24.53 min Scan# 3650
Delta R.T. -0.04 min
Lab File: BG044052.D
Acq: 15 Jan 2020 16:31

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.4	19.3	28.9
125	12.0	10.4	15.6





#91

Dibenzo(a,h)anthracene

Concen: 41.809 ng

RT: 28.26 min Scan# 4285

Delta R.T. -0.07 min

Lab File: BG044052.D

Acq: 15 Jan 2020 16:31

Instrument :

BNA_G

ClientSampleId :

PB126095BS

Tot Ion:278 Resp: 1221063

Ion Ratio Lower Upper

278 100

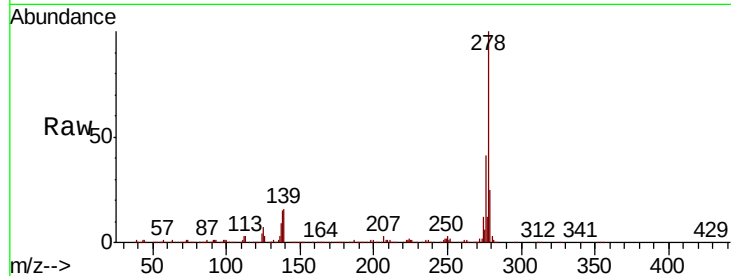
139 16.0 14.2 21.4

279 25.2 20.6 30.8

Manual Integrations
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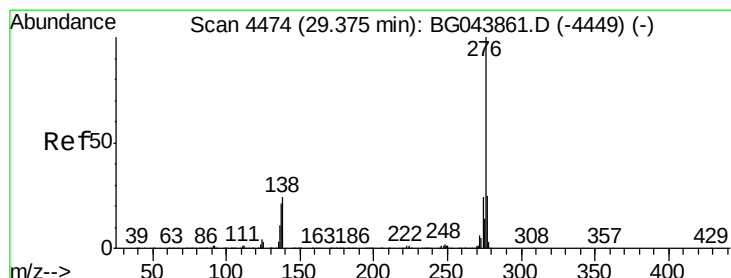
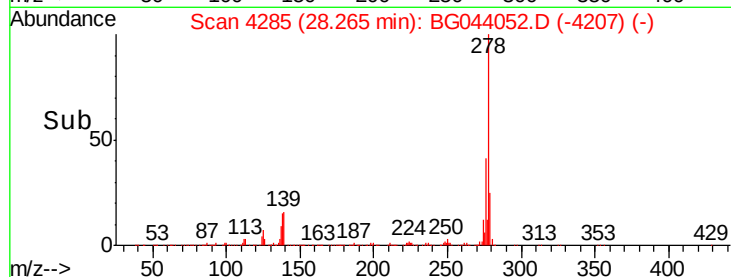
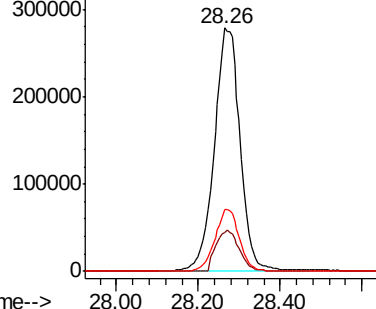
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Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 42.853 ng

RT: 29.31 min Scan# 4463

Delta R.T. -0.06 min

Lab File: BG044052.D

Acq: 15 Jan 2020 16:31

Tgt Ion:276 Resp: 1243194

Ion Ratio Lower Upper

276 100

277 24.8 20.2 30.4

138 22.6 19.0 28.6

Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

