

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012420\
 Data File : BG044197.D
 Acq On : 25 Jan 2020 1:50
 Operator : CG/JU
 Sample : PB126331BS
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB126331BS

Manual Integrations
 APPROVED

mohammad
 1/28/2020 8:11:41 AM

Quant Time: Jan 27 04:06:36 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 31 13:32:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	90456	20.00	ng	-0.04
21) Naphthalene-d8	10.73	136	385678	20.00	ng	-0.04
39) Acenaphthene-d10	14.57	164	255004	20.00	ng	-0.03
64) Phenanthrene-d10	17.31	188	522023	20.00	ng	-0.02
76) Chrysene-d12	21.56	240	437667	20.00	ng	-0.03
87) Perylene-d12	24.67	264	497118	20.00	ng	-0.05

System Monitoring Compounds

5) 2-Fluorophenol	5.51	112	725838	147.33	ng	-0.03
7) Phenol-d6	7.11	99	954568	138.62	ng	-0.02
23) Nitrobenzene-d5	9.09	82	512520	71.09	ng	-0.04
42) 2,4,6-Tribromophenol	16.05	330	350870	131.48	ng	-0.03
45) 2-Fluorobiphenyl	13.19	172	1136030	80.71	ng	-0.04
79) Terphenyl-d14	19.93	244	1557659	86.10	ng	-0.03

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.39	88	106501	49.581	ng	97
3) Pyridine	3.79	79	221350	34.882	ng	93
4) n-Nitrosodimethylamine	3.70	42	115216	40.781	ng	99
6) Aniline	7.25	93	292987	32.392	ng	97
8) 2-Chlorophenol	7.50	128	277935	48.056	ng	97
9) Benzaldehyde	7.06	77	143715	32.608	ng	98
10) Phenol	7.13	94	344910	48.612	ng	100
11) bis(2-Chloroethyl)ether	7.35	93	258061	42.136	ng	98
12) 1,3-Dichlorobenzene	7.82	146	285037	42.116	ng	97
13) 1,4-Dichlorobenzene	7.96	146	287488	43.051	ng	99
14) 1,2-Dichlorobenzene	8.29	146	272210	42.469	ng	99
15) Benzyl Alcohol	8.16	79	234948	43.230	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.46	45	349534	36.889	ng	99
17) 2-Methylphenol	8.37	107	241227	46.982	ng	97
18) Hexachloroethane	9.01	117	107127	41.228	ng	95
19) n-Nitroso-di-n-propylamine	8.73	70	205431	40.058	ng	98
20) 3+4-Methylphenols	8.70	107	335167	46.794	ng	97
22) Acetophenone	8.74	105	384128	40.062	ng	99
24) Nitrobenzene	9.13	77	296879	41.577	ng	98
25) Isophorone	9.65	82	564009	41.699	ng	99
26) 2-Nitrophenol	9.84	139	157456	46.609	ng	97
27) 2,4-Dimethylphenol	9.91	122	271673	53.423	ng	98
28) bis(2-Chloroethoxy)methane	10.14	93	358208	39.724	ng	98
29) 2,4-Dichlorophenol	10.38	162	274961	45.329	ng	100
30) 1,2,4-Trichlorobenzene	10.60	180	280306	41.213	ng	98
31) Naphthalene	10.78	128	826565	44.288	ng	99
32) Benzoic acid	10.05	122	112011	29.781	ng	96
33) 4-Chloroaniline	10.88	127	202178	22.712	ng	98
34) Hexachlorobutadiene	11.08	225	160234	38.586	ng	98
35) Caprolactam	11.65	113	100879m	44.674	ng	
36) 4-Chloro-3-methylphenol	12.02	107	298999	46.303	ng	97
37) 2-Methylnaphthalene	12.39	142	621427	44.226	ng	97
38) 1-Methylnaphthalene	12.61	142	587405	44.109	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.76	216	295178	39.493	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.75	237	384904	99.333	nq	99
43) 2,4,6-Trichlorophenol	13.00	196	216801	42.156	nq	97
44) 2,4,5-Trichlorophenol	13.07	196	232666	43.864	nq	99
46) 1,1'-Biphenyl	13.40	154	779104	42.613	nq	99
47) 2-Chloronaphthalene	13.44	162	603031	40.817	nq	99
48) 2-Nitroaniline	13.64	65	188131	39.586	nq	99
49) Acenaphthylene	14.29	152	970281	45.693	nq	98
50) Dimethylphthalate	14.02	163	769975	42.525	nq	99
51) 2,6-Dinitrotoluene	14.13	165	174161	42.557	nq	99
52) Acenaphthene	14.63	154	595023	39.957	nq	99
53) 3-Nitroaniline	14.46	138	131963	28.395	nq	98
54) 2,4-Dinitrophenol	14.67	184	166836	80.020	nq	97
55) Dibenzofuran	14.97	168	917227	44.742	nq	98
56) 4-Nitrophenol	14.78	139	308651	86.669	nq	98
57) 2,4-Dinitrotoluene	14.93	165	242082	43.473	nq	99
58) Fluorene	15.61	166	722937	44.493	nq	97
59) 2,3,4,6-Tetrachlorophenol	15.20	232	203196	44.550	nq	96
60) Diethylphthalate	15.39	149	770588	42.551	nq	98
61) 4-Chlorophenyl-phenylether	15.61	204	375645	42.576	nq	97
62) 4-Nitroaniline	15.63	138	177233	38.619	nq	96
63) Azobenzene	15.90	77	730407	43.490	nq	99
65) 4,6-Dinitro-2-methylphenol	15.69	198	131899	48.945	nq	98
66) n-Nitrosodiphenylamine	15.82	169	665731	43.306	nq	99
67) 4-Bromophenyl-phenylether	16.50	248	239547	40.801	nq	97
68) Hexachlorobenzene	16.62	284	258795	40.907	nq	98
69) Atrazine	16.77	200	246077	49.245	nq	98
70) Pentachlorophenol	16.96	266	268786	77.073	nq	98
71) Phenanthrene	17.35	178	1107838	44.245	nq	98
72) Anthracene	17.44	178	1135854	45.901	nq	98
73) Carbazole	17.71	167	1008720	44.130	nq	97
74) Di-n-butylphthalate	18.27	149	1249547	42.816	nq	97
75) Fluoranthene	19.36	202	1264160	44.147	nq	97
77) Benzidine	19.54	184	513207	46.651	nq	98
78) Pyrene	19.72	202	1270337	44.467	nq	96
80) Butylbenzylphthalate	20.61	149	582773	42.847	nq	96
81) Benzo(a)anthracene	21.54	228	1198307	44.155	nq	96
82) 3,3'-Dichlorobenzidine	21.45	252	341985	31.896	nq	99
83) Chrysene	21.60	228	1148275	44.529	nq	97
84) Bis(2-ethylhexyl)phthalate	21.46	149	822881	43.848	nq	97
85) Di-n-octyl phthalate	22.63	149	1433551	45.437	nq	97
86) Indeno(1,2,3-cd)pyrene	28.18	276	1495180	42.665	nq	# 91
88) Benzo(b)fluoranthene	23.69	252	1276158	43.424	nq	97
89) Benzo(k)fluoranthene	23.75	252	1249926	44.726	nq	98
90) Benzo(a)pyrene	24.51	252	1184064	42.688	nq	97
91) Dibenzo(a,h)anthracene	28.25	278	1231678	44.215	nq	99
92) Benzo(g,h,i)perylene	29.28	276	1255766	45.383	nq	98

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



#1

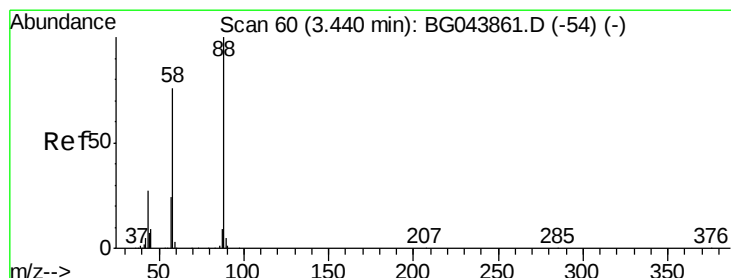
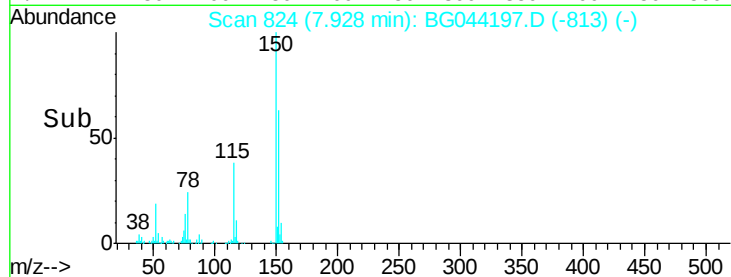
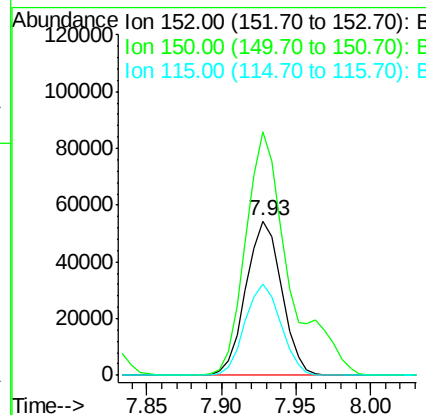
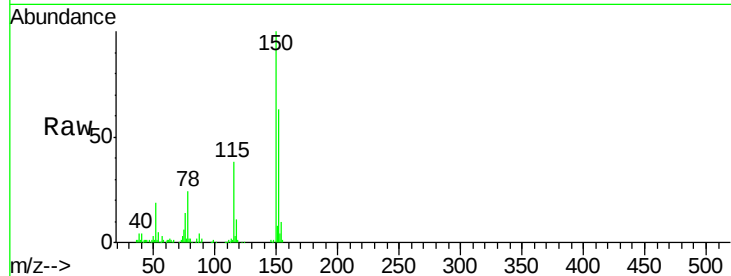
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.93 min Scan# 824
Delta R.T. -0.04 min
Lab File: BG044197.D
Acq: 25 Jan 2020 1:50

Instrument :
BNA_G
ClientSampleId :
PB126331BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.9	127.0	190.4
115	59.6	47.8	71.8

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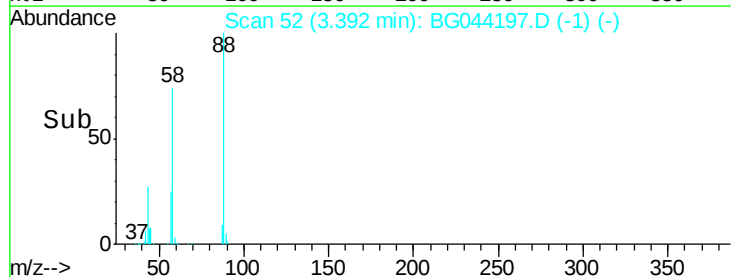
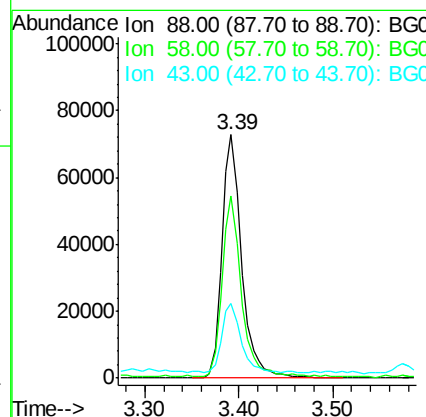
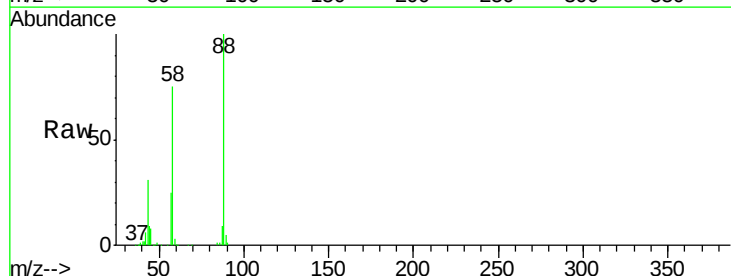
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#2

1,4-Dioxane
Concen: 49.581 ng
RT: 3.39 min Scan# 52
Delta R.T. -0.05 min
Lab File: BG044197.D
Acq: 25 Jan 2020 1:50

Tgt Ion	Ratio	Lower	Upper
88	100		
58	71.5	59.8	89.8
43	27.8	22.9	34.3





#3

Pvridine

Concen: 34.882 ng

RT: 3.79 min Scan# 119

Delta R.T. -0.04 min

Lab File: BG044197.D

Acq: 25 Jan 2020 1:50

Instrument :

BNA_G

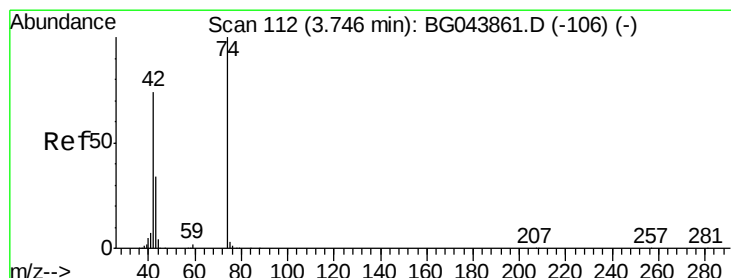
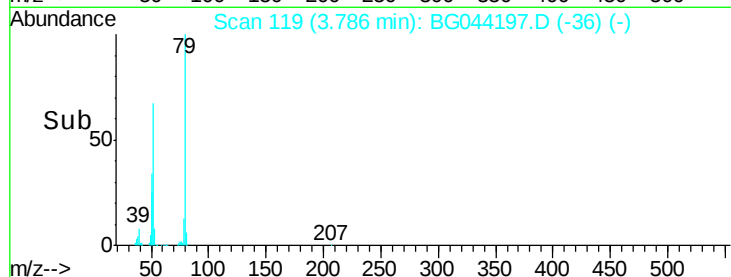
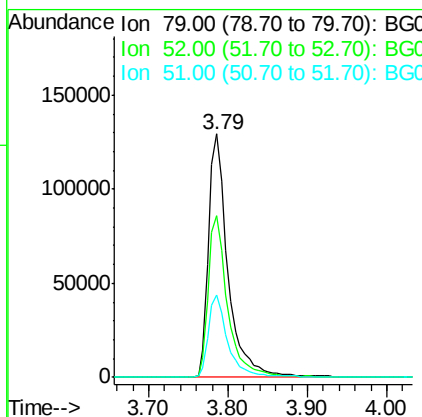
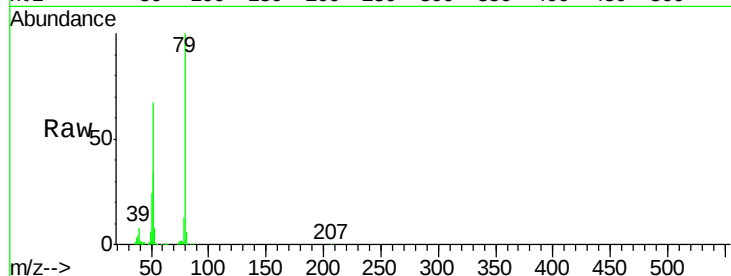
ClientSampleId :

PB126331BS

Tot Ion:	79	Resp:	221350
Ion Ratio	Lower	Upper	
79	100		
52	66.6	58.9	88.3
51	33.9	28.6	43.0

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 40.781 ng

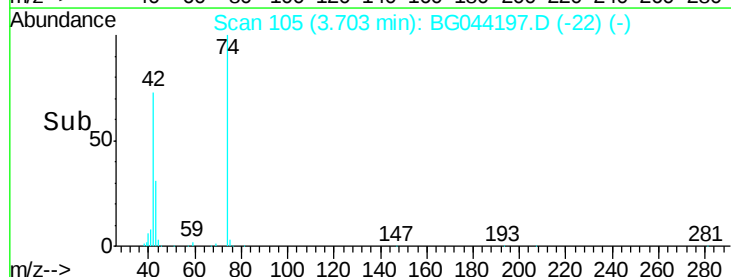
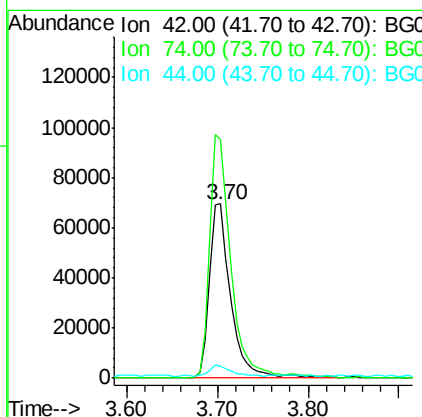
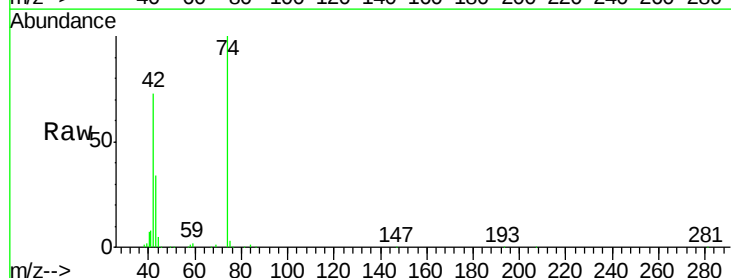
RT: 3.70 min Scan# 105

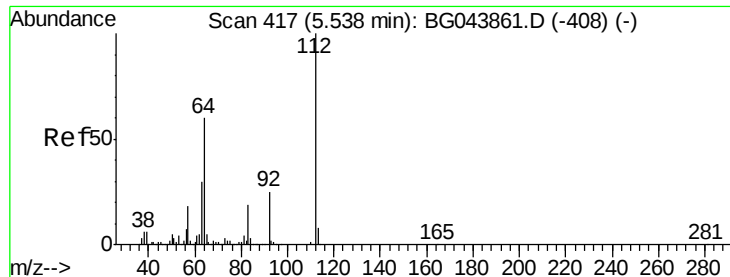
Delta R.T. -0.04 min

Lab File: BG044197.D

Acq: 25 Jan 2020 1:50

Tgt Ion:	42	Resp:	115216
Ion Ratio	Lower	Upper	
42	100		
74	136.9	108.6	162.8
44	6.6	5.0	7.6





#5

2-Fluorophenol

Concen: 147.334 ng

RT: 5.51 min Scan# 412

Delta R.T. -0.03 min

Lab File: BG044197.D

Acq: 25 Jan 2020 1:50

Instrument :

BNA_G

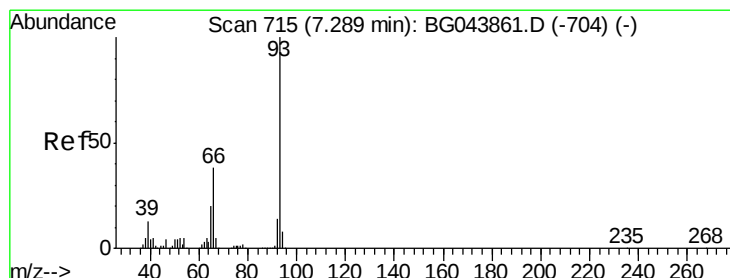
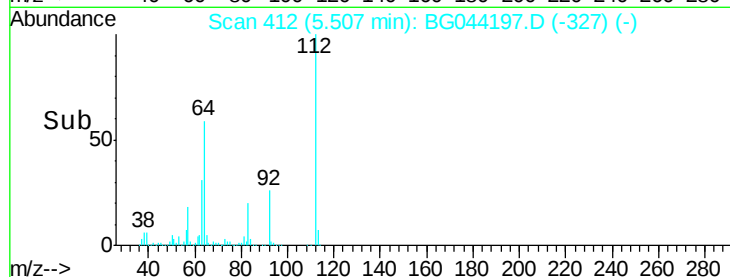
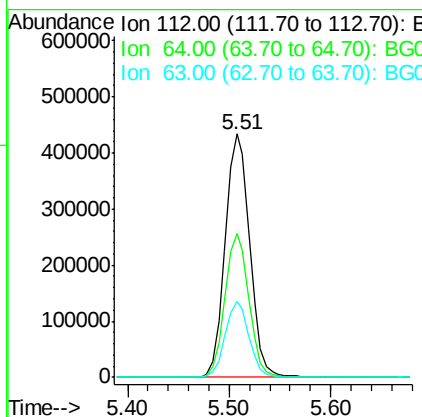
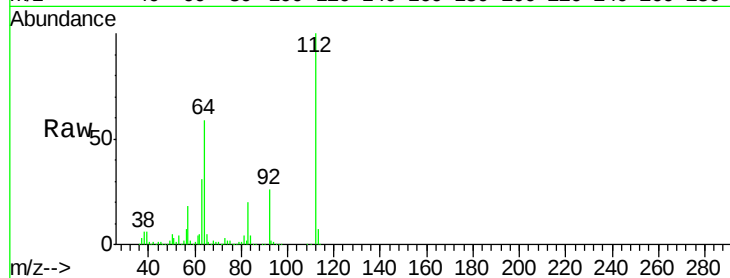
ClientSampleId :

PB126331BS

Tot Ion:	112	Resp:	725838
Ion Ratio	Lower	Upper	
112	100		
64	59.0	47.8	71.6
63	31.3	24.3	36.5

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#6

Aniline

Concen: 32.392 ng

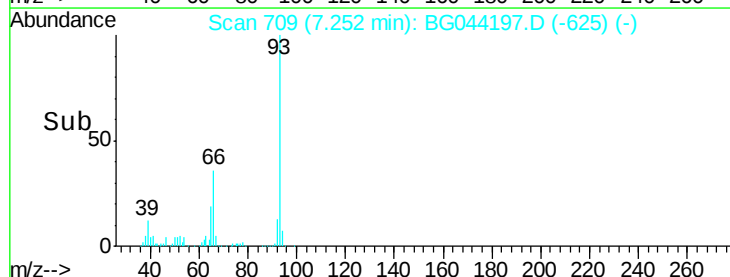
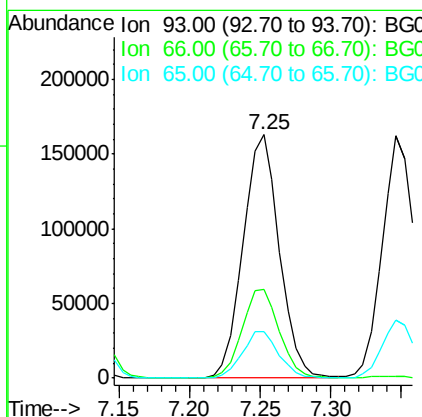
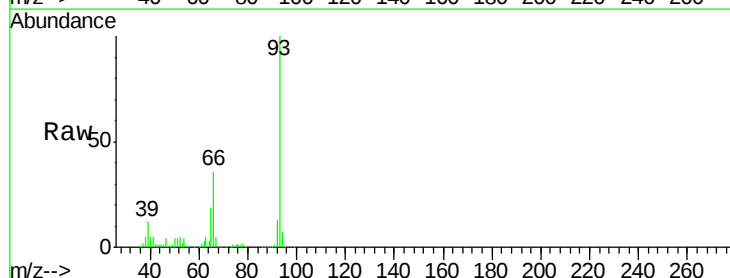
RT: 7.25 min Scan# 709

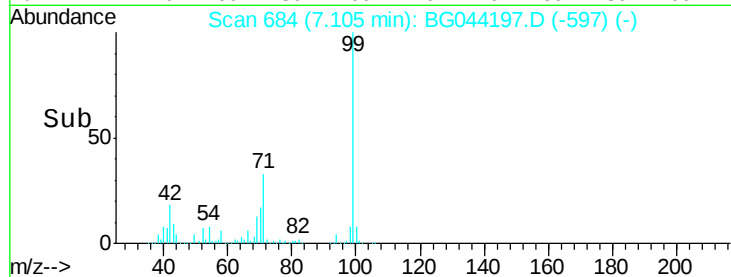
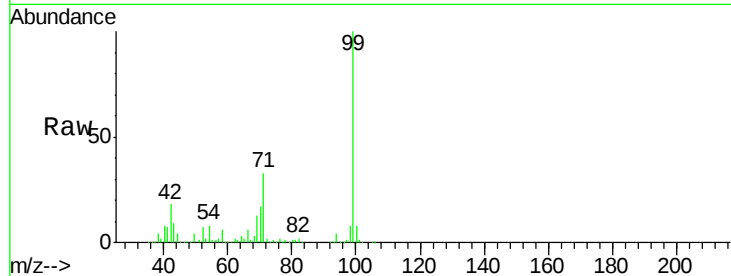
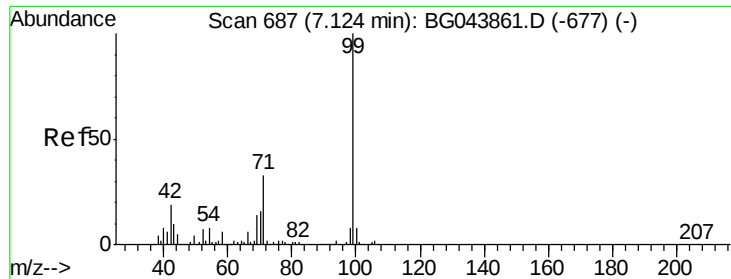
Delta R.T. -0.04 min

Lab File: BG044197.D

Acq: 25 Jan 2020 1:50

Tgt Ion:	93	Resp:	292987
Ion Ratio	Lower	Upper	
93	100		
66	36.5	30.8	46.2
65	19.2	16.0	24.0





#7

Phenol-d6

Concen: 138.618 ng

RT: 7.11 min Scan# 684

Delta R.T. -0.02 min

Lab File: BG044197.D

Acq: 25 Jan 2020 1:50

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		954568		
42	18.4	14.9	22.3		
71	33.1	26.4	39.6		

Instrument :

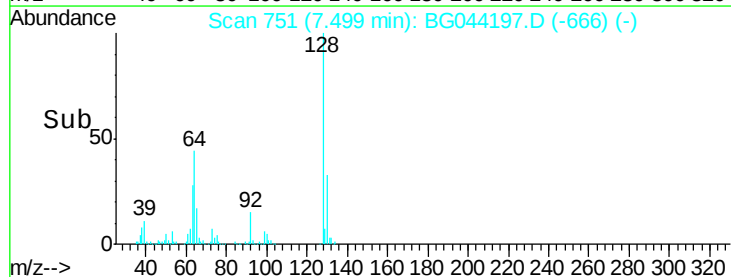
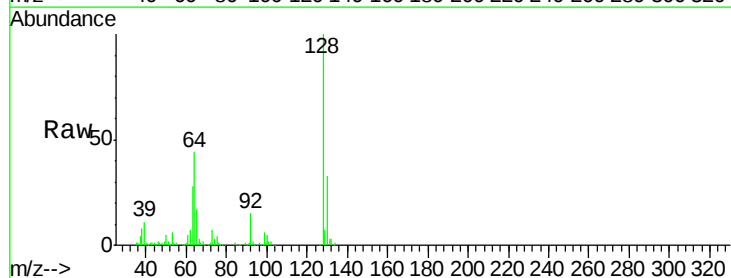
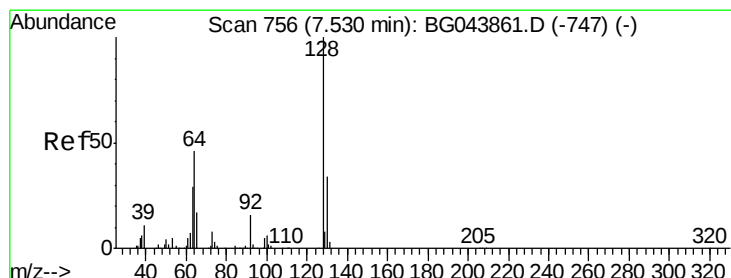
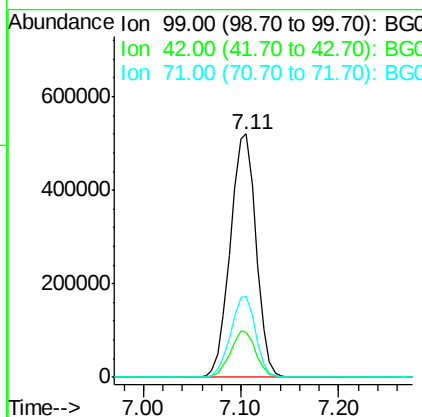
BNA_G

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#8

2-Chlorophenol

Concen: 48.056 ng

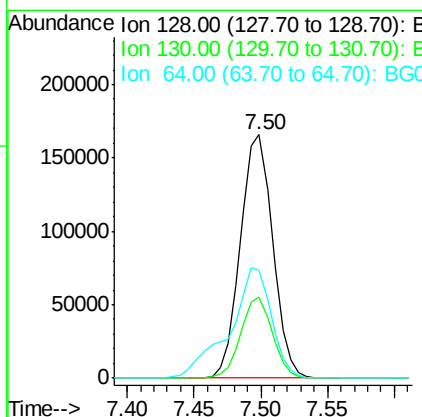
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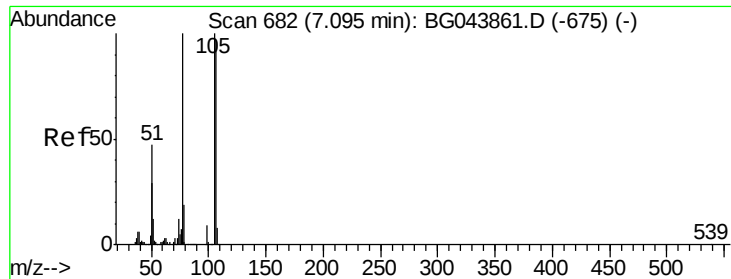
Delta R.T. -0.03 min

Lab File: BG044197.D

Acq: 25 Jan 2020 1:50

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		277935		
130	33.2	13.8	53.8		
64	44.5	27.6	67.6		





#9

Benzaldehyde

Concen: 32.608 ng

RT: 7.06 min Scan# 676

Delta R.T. -0.04 min

Lab File: BG044197.D

Acq: 25 Jan 2020 1:50

Instrument :

BNA_G

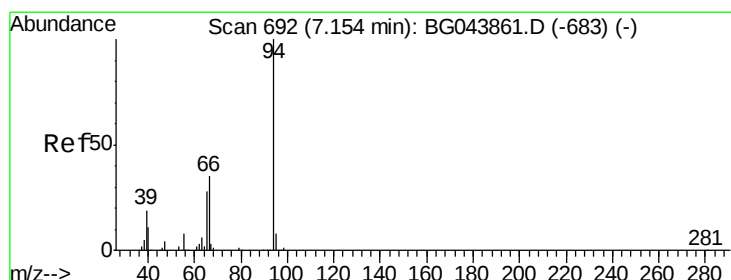
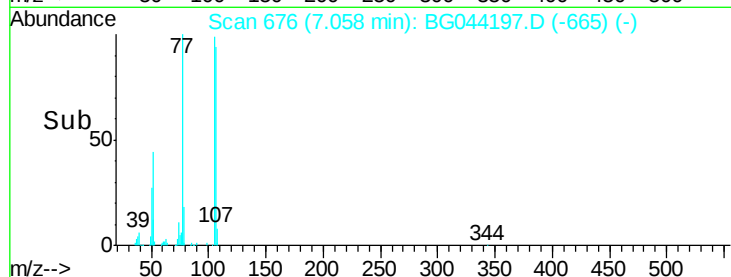
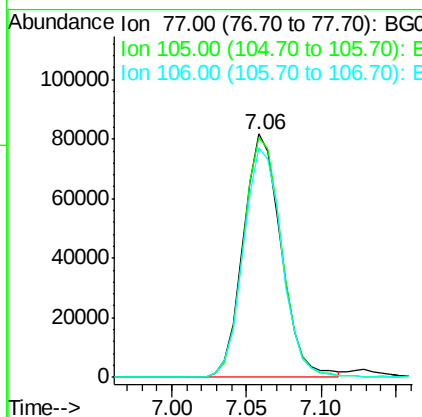
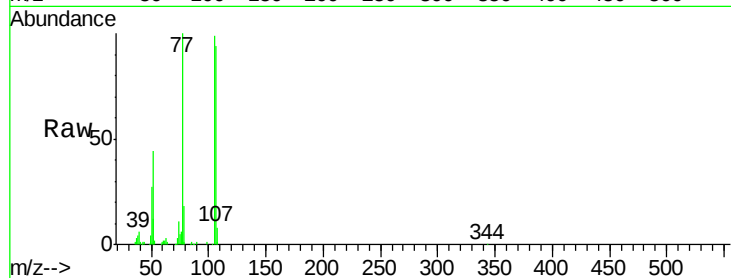
ClientSampled :

PB126331BS

Tot Ion:	77	Resp:	143715
Ion Ratio	Lower	Upper	
77	100		
105	98.6	80.2	120.2
106	94.1	77.2	117.2

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#10

Phenol

Concen: 48.612 ng

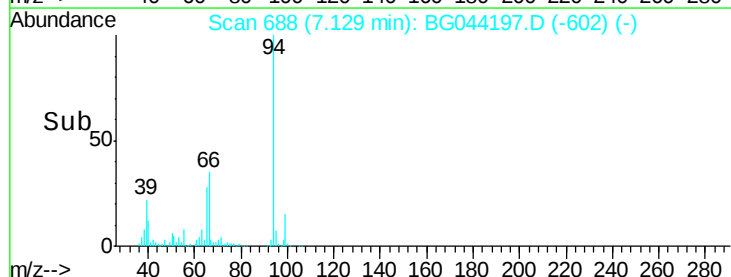
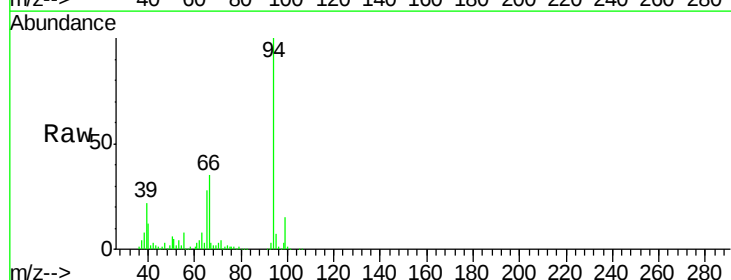
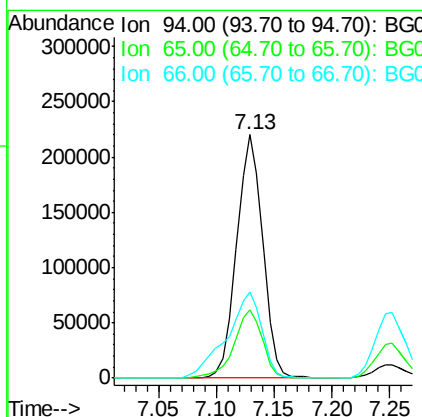
RT: 7.13 min Scan# 688

Delta R.T. -0.02 min

Lab File: BG044197.D

Acq: 25 Jan 2020 1:50

Tgt Ion:	94	Resp:	344910
Ion Ratio	Lower	Upper	
94	100		
65	28.2	8.1	48.1
66	35.3	15.6	55.6





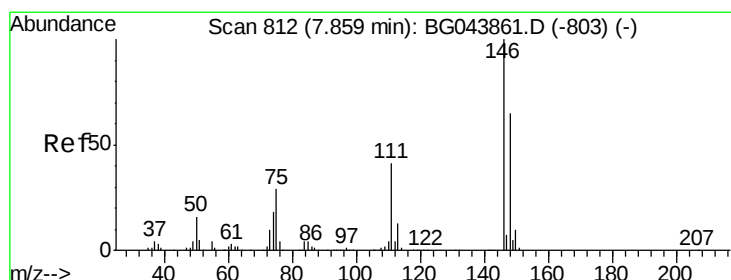
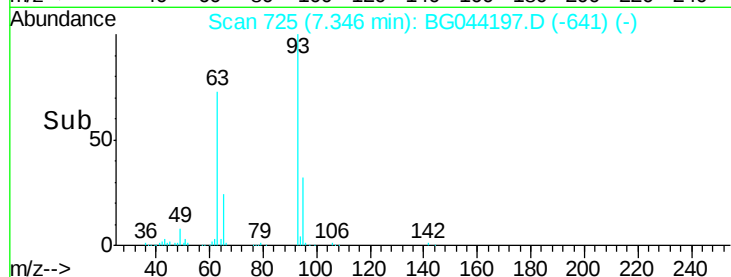
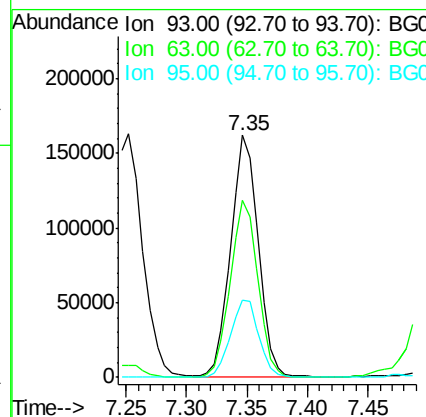
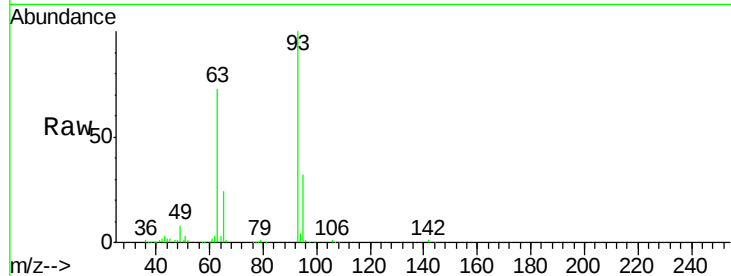
#11
bis(2-Chloroethyl)ether
Concen: 42.136 ng
RT: 7.35 min Scan# 725
Delta R.T. -0.04 min
Lab File: BG044197.D
Acq: 25 Jan 2020 1:50

Instrument :
BNA_G
ClientSampleId :
PB126331BS

Tot Ion	Ratio	Resp	Lower	Upper
93	100	258061		
63	73.1		55.0	95.0
95	31.7		13.3	53.3

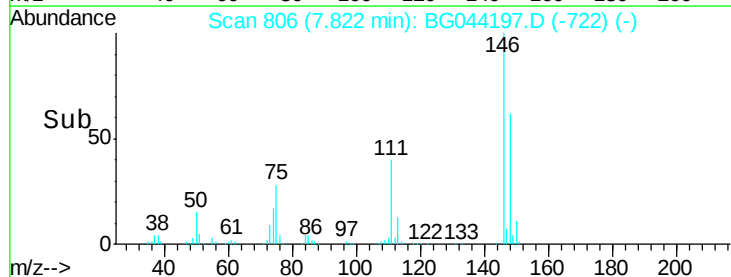
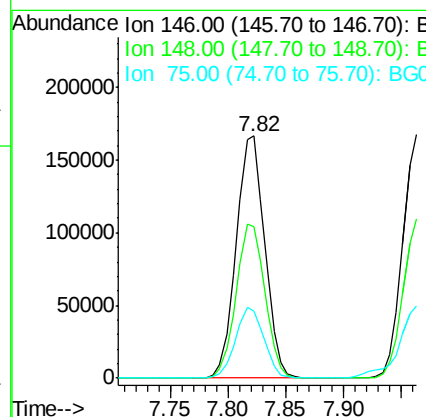
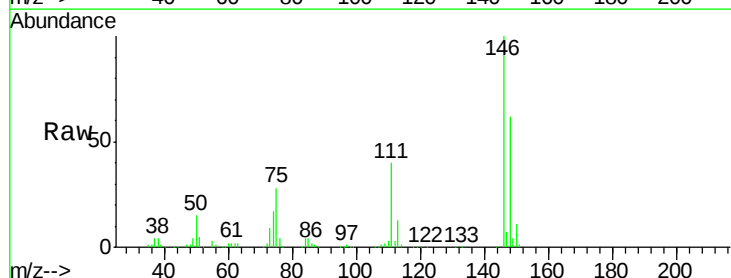
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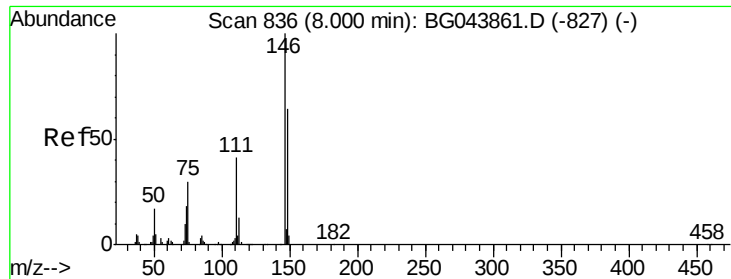
mohammad
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#12
1,3-Dichlorobenzene
Concen: 42.116 ng
RT: 7.82 min Scan# 806
Delta R.T. -0.04 min
Lab File: BG044197.D
Acq: 25 Jan 2020 1:50

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	285037		
148	62.4		52.1	78.1
75	27.9		23.0	34.4





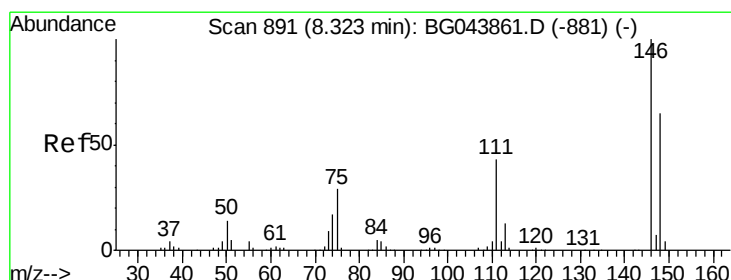
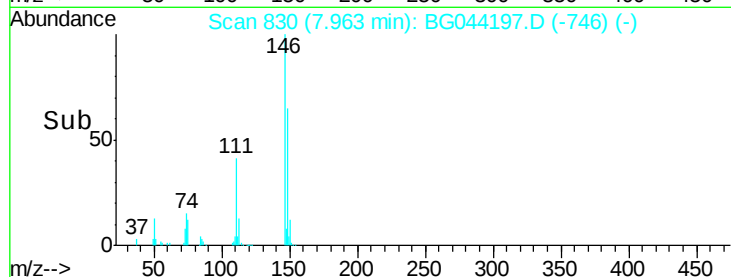
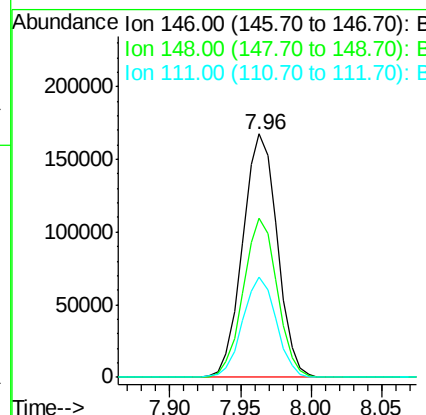
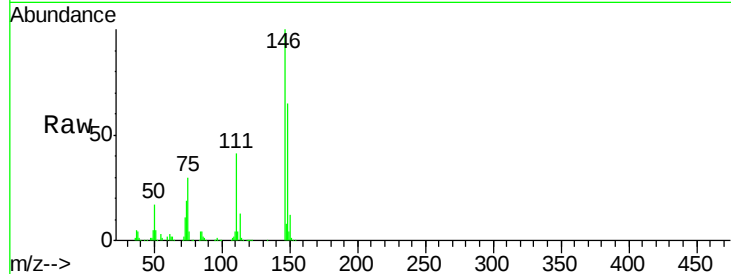
#13
 1,4-Dichlorobenzene
 Concen: 43.051 ng
 RT: 7.96 min Scan# 830
 Delta R.T. -0.04 min
 Lab File: BG044197.D
 Acq: 25 Jan 2020 1:50

Instrument :
 BNA_G
 ClientSampleId :
 PB126331BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.1	51.2	76.8
111	41.0	33.1	49.7

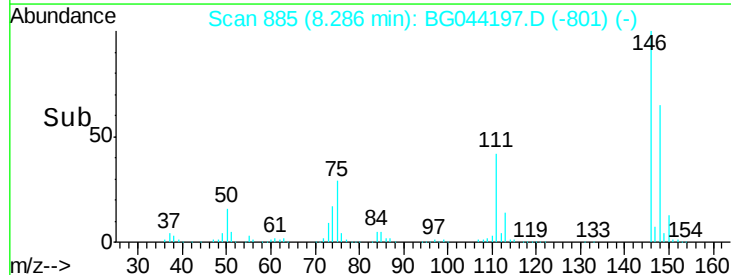
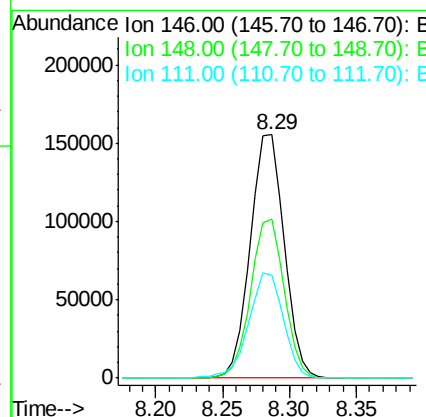
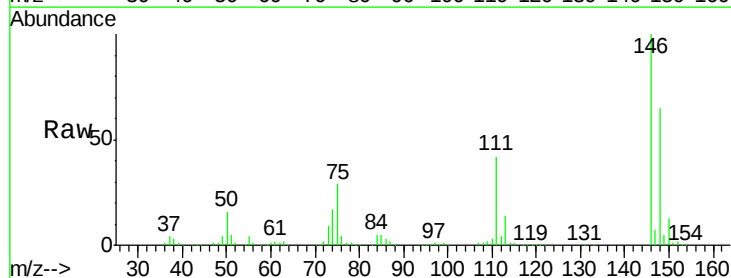
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#14
 1,2-Dichlorobenzene
 Concen: 42.469 ng
 RT: 8.29 min Scan# 885
 Delta R.T. -0.04 min
 Lab File: BG044197.D
 Acq: 25 Jan 2020 1:50

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.3	51.7	77.5
111	42.5	34.4	51.6





#15

Benzyl Alcohol

Concen: 43.230 ng

RT: 8.16 min Scan# 864

Delta R.T. -0.04 min

Lab File: BG044197.D

Acq: 25 Jan 2020 1:50

Instrument :

BNA_G

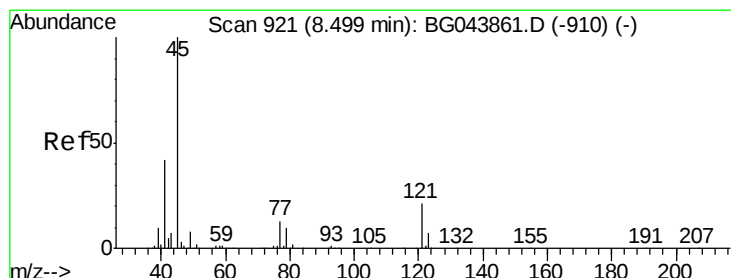
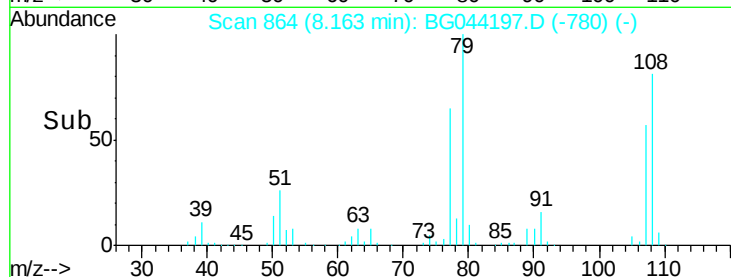
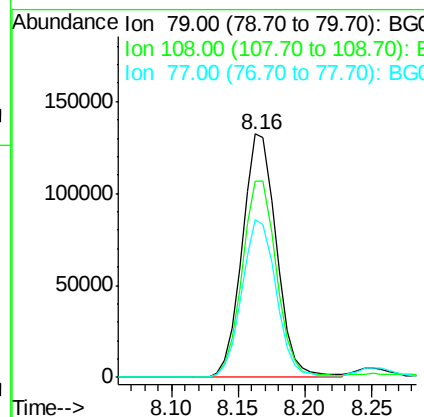
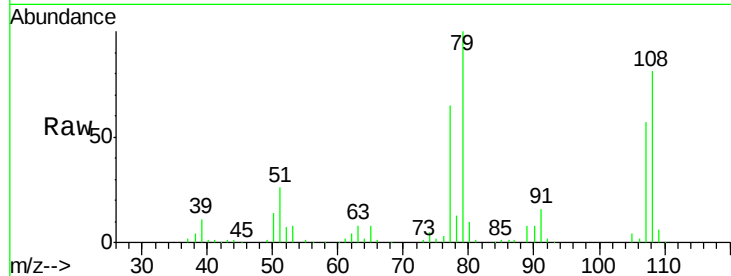
ClientSampleId :

PB126331BS

Tot Ion:	79	Resp:	234948
Ion Ratio	Lower	Upper	
79	100		
108	80.8	65.6	98.4
77	64.6	52.0	78.0

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.889 ng

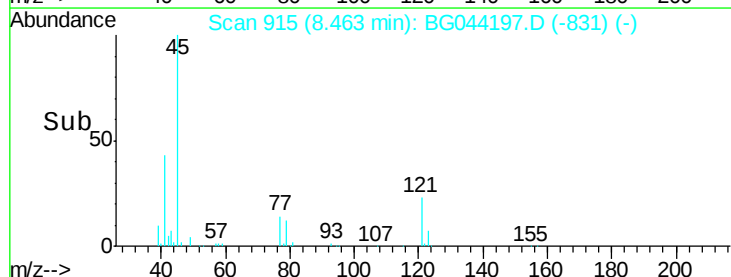
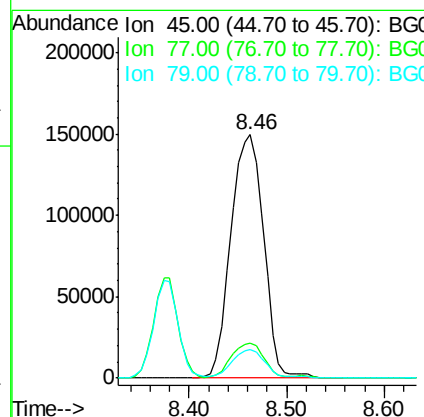
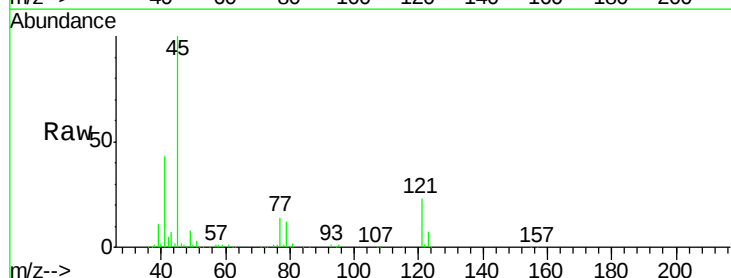
RT: 8.46 min Scan# 915

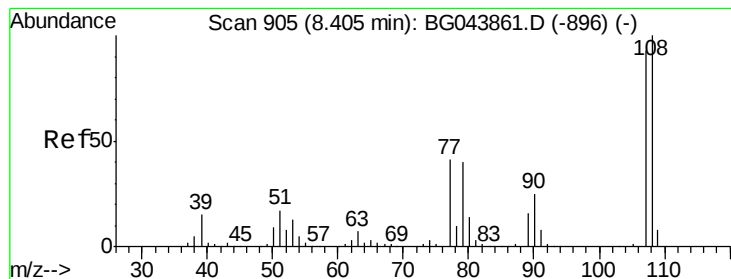
Delta R.T. -0.04 min

Lab File: BG044197.D

Acq: 25 Jan 2020 1:50

Tgt Ion:	45	Resp:	349534
Ion Ratio	Lower	Upper	
45	100		
77	14.1	0.0	33.8
79	11.5	0.0	31.0





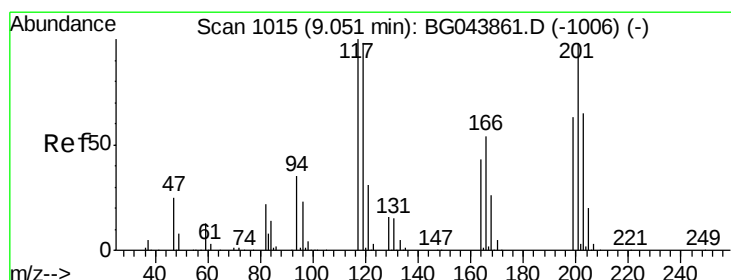
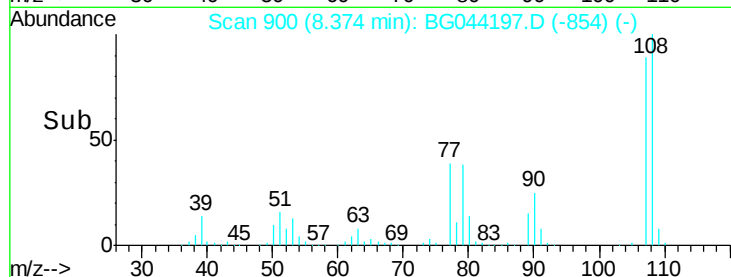
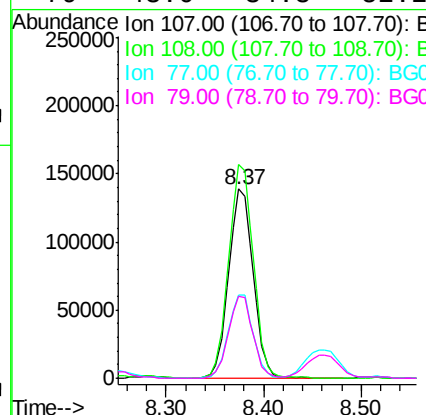
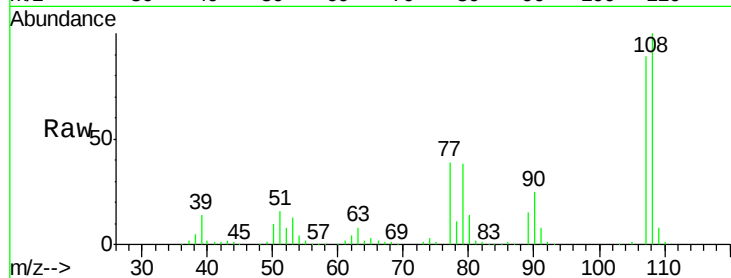
#17
2-Methylphenol
Concen: 46.982 ng
RT: 8.37 min Scan# 900
Delta R.T. -0.03 min
Lab File: BG044197.D
Acq: 25 Jan 2020 1:50

Instrument :
BNA_G
ClientSampleId :
PB126331BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100	241227		
108	112.8	86.1	129.1	
77	44.2	35.4	53.0	
79	43.0	34.8	52.2	

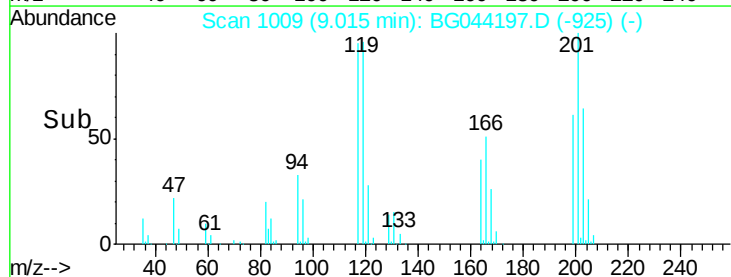
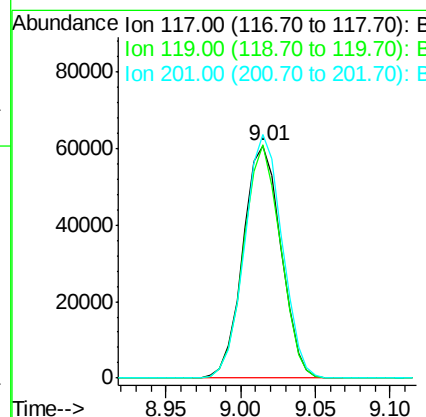
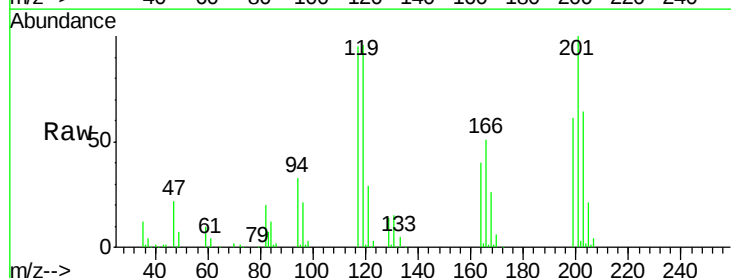
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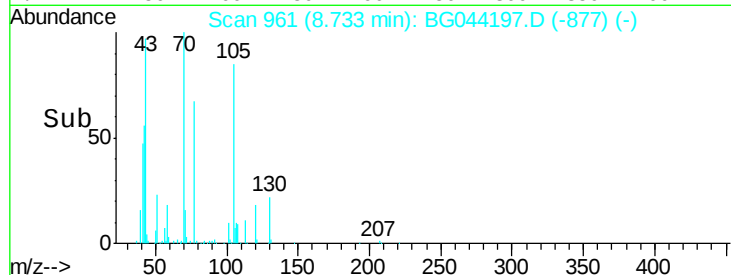
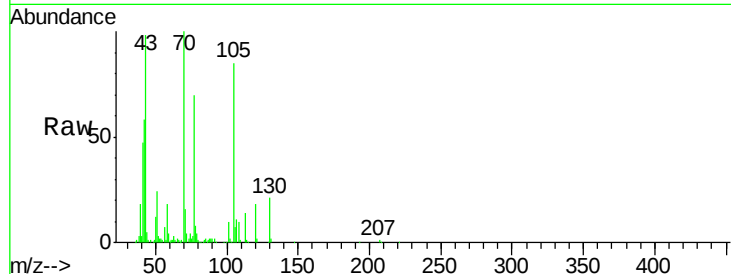
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#18
Hexachloroethane
Concen: 41.228 ng
RT: 9.01 min Scan# 1009
Delta R.T. -0.04 min
Lab File: BG044197.D
Acq: 25 Jan 2020 1:50

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	107127		
119	100.6	78.1	117.1	
201	104.9	78.6	117.8	





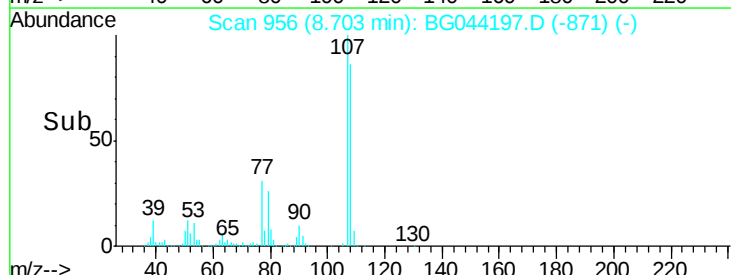
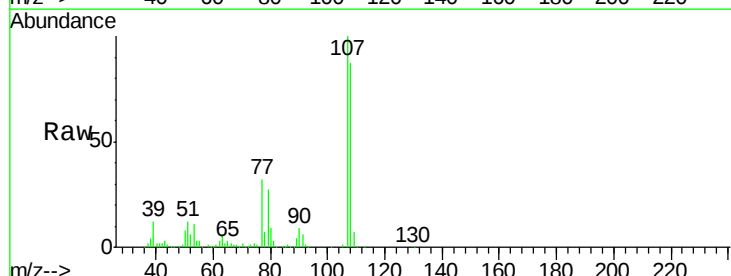
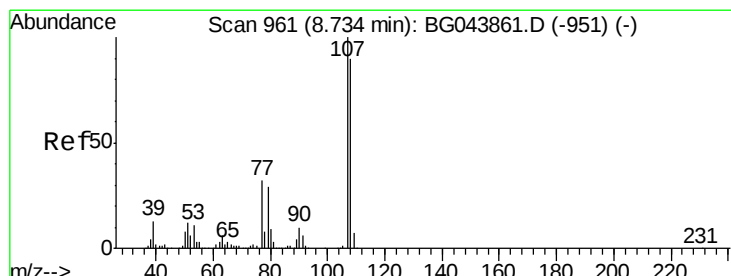
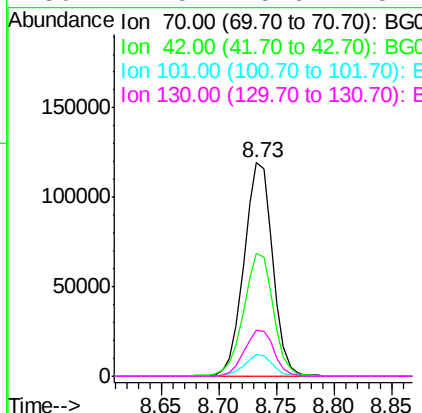
#19
n-Nitroso-di-n-propylamine
Concen: 40.058 ng
RT: 8.73 min Scan# 961
Delta R.T. -0.04 min
Lab File: BG044197.D
Acq: 25 Jan 2020 1:50

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		205431		
42	57.7	47.0	70.4		
101	10.4	7.2	10.8		
130	21.5	15.6	23.4		

Instrument :
BNA_G
ClientSampleId :
PB126331BS

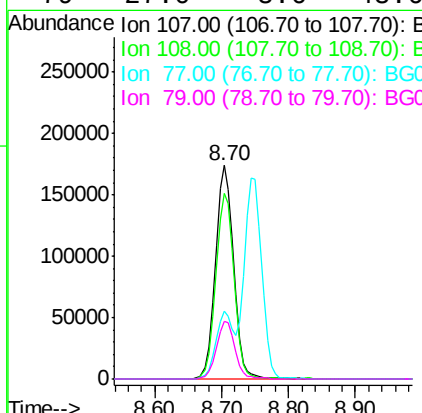
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#20
3+4-Methylphenols
Concen: 46.794 ng
RT: 8.70 min Scan# 956
Delta R.T. -0.03 min
Lab File: BG044197.D
Acq: 25 Jan 2020 1:50

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		335167		
108	86.9	70.3	110.3		
77	31.6	12.4	52.4		
79	27.0	8.6	48.6		





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.73 min Scan# 1301

Delta R.T. -0.04 min

Lab File: BG044197.D

Acq: 25 Jan 2020 1:50

Instrument :

BNA_G

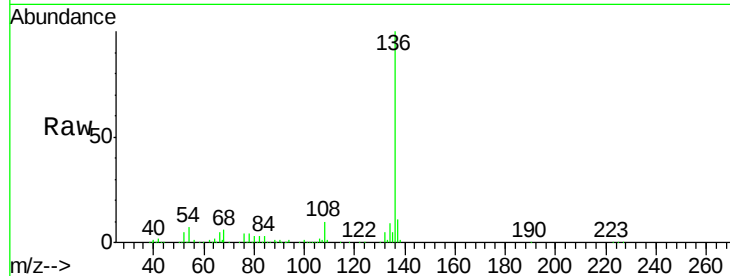
ClientSampleId :

PB126331BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		385678		
137	10.9		8.8	13.2	
54	7.3		7.0	10.4	
68	6.1		4.9	7.3	

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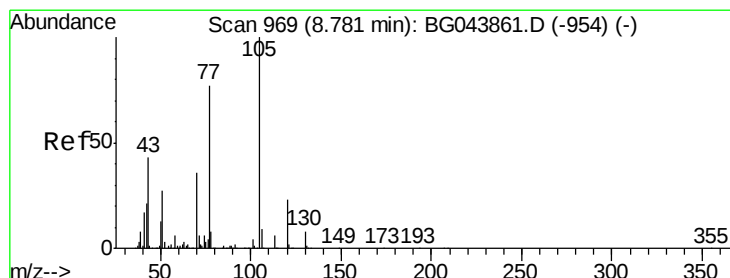
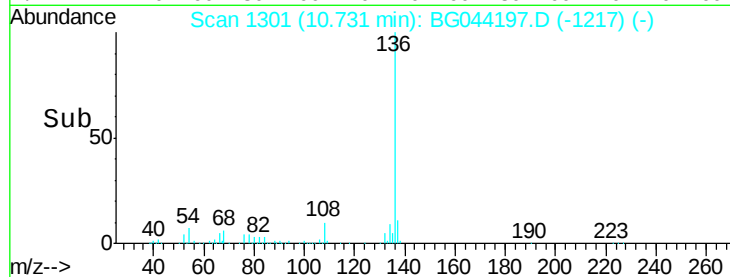
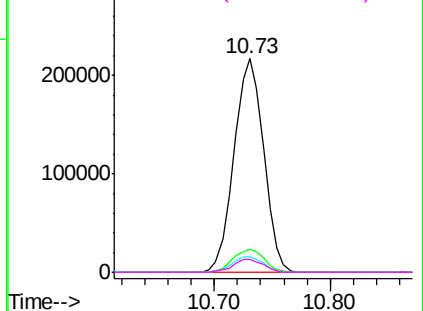
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 40.062 ng

RT: 8.74 min Scan# 963

Delta R.T. -0.04 min

Lab File: BG044197.D

Acq: 25 Jan 2020 1:50

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		384128		
71	6.3		4.8	7.2	
51	27.6		21.4	32.0	
120	23.4		18.6	28.0	

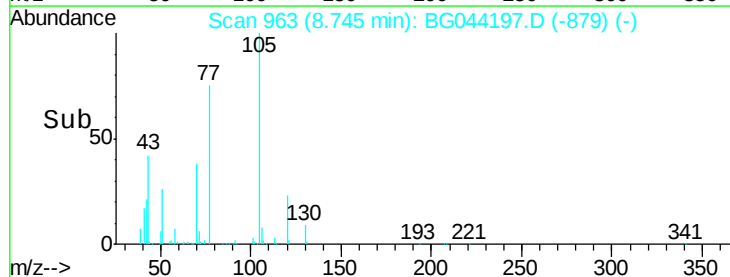
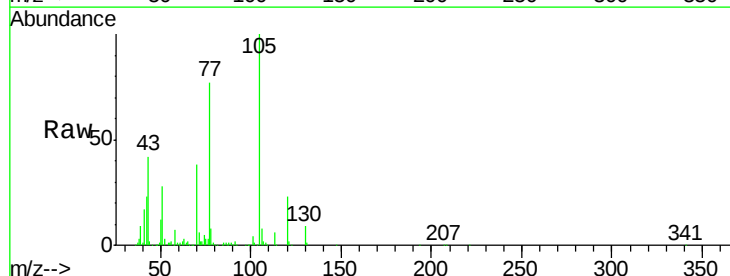
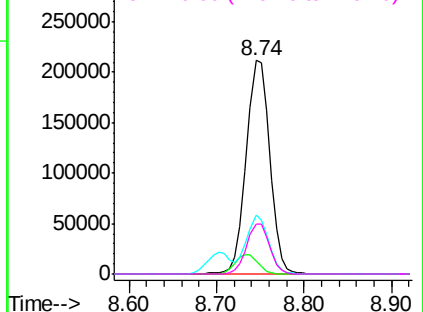
Abundance

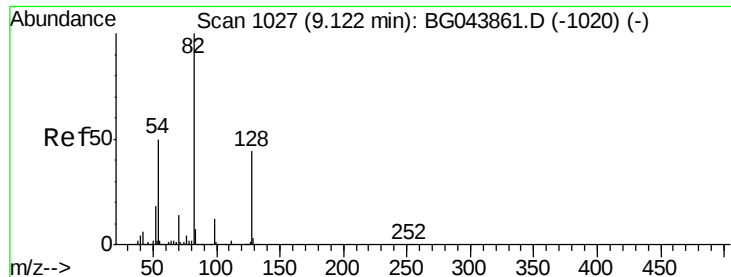
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E





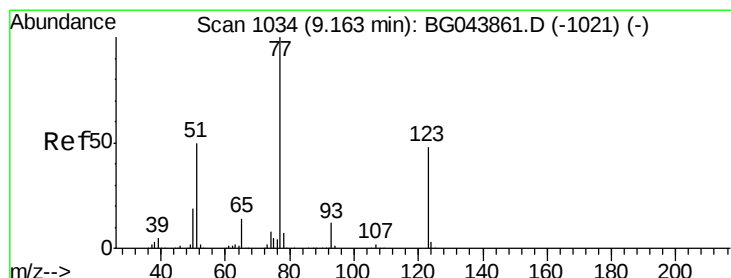
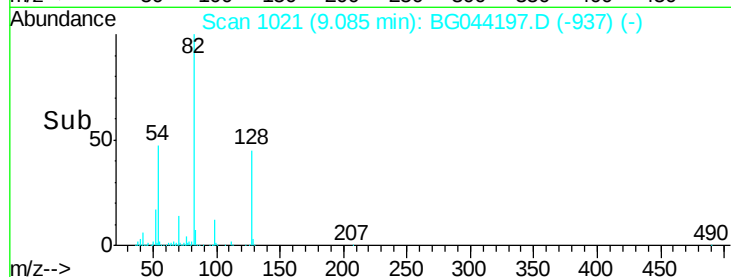
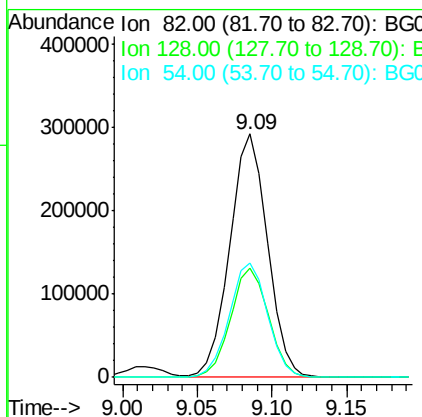
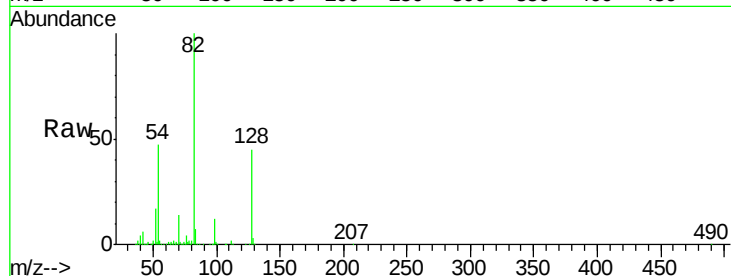
#23
 Nitrobenzene-d5
 Concen: 71.090 ng
 RT: 9.09 min Scan# 1021
 Delta R.T. -0.04 min
 Lab File: BG044197.D
 Acq: 25 Jan 2020 1:50

Instrument :
 BNA_G
 ClientSampleId :
 PB126331BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.0	35.1	52.7
54	47.2	40.1	60.1

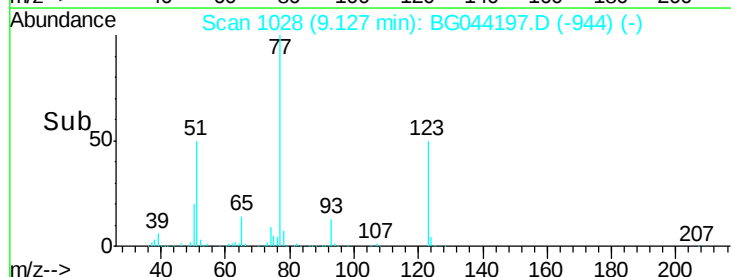
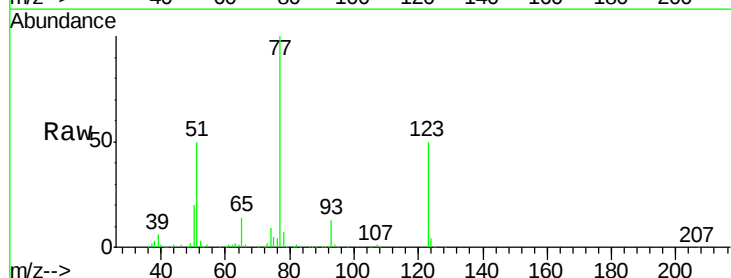
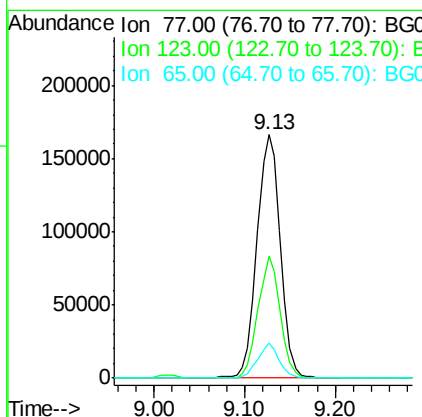
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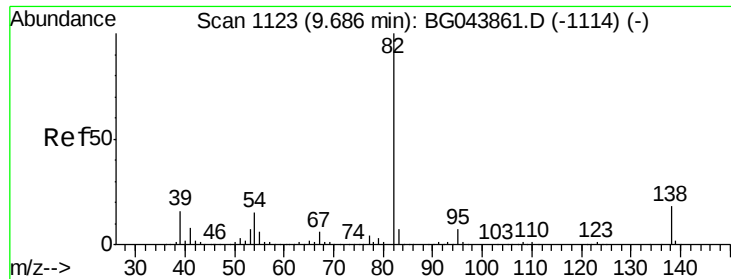
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#24
 Nitrobenzene
 Concen: 41.577 ng
 RT: 9.13 min Scan# 1028
 Delta R.T. -0.04 min
 Lab File: BG044197.D
 Acq: 25 Jan 2020 1:50

Tgt Ion	Ratio	Lower	Upper
77	100		
123	50.0	38.7	58.1
65	14.1	11.1	16.7





#25

Isophorone

Concen: 41.699 ng

RT: 9.65 min Scan# 1117

Delta R.T. -0.04 min

Lab File: BG044197.D

Acq: 25 Jan 2020 1:50

Instrument :

BNA_G

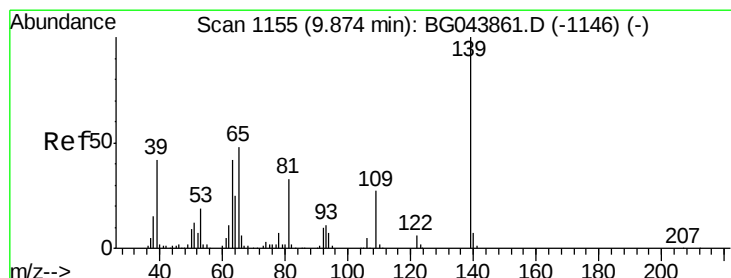
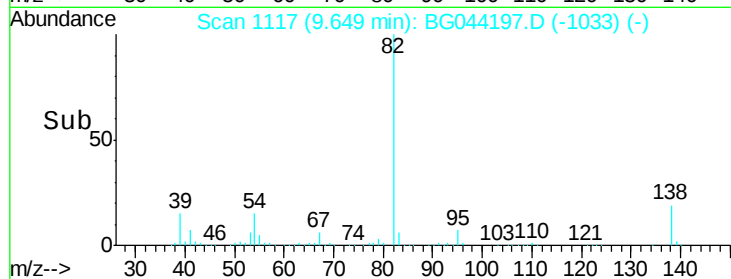
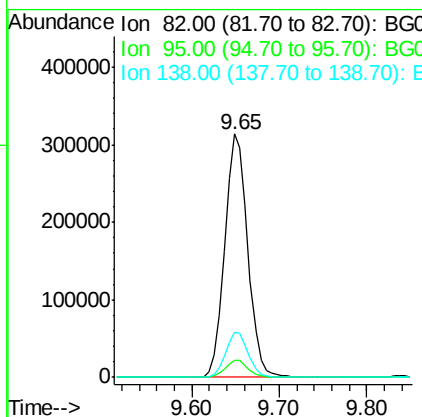
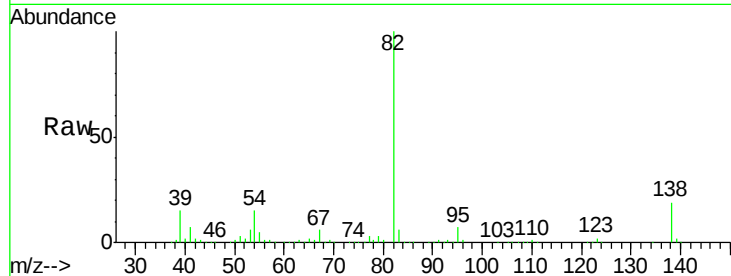
ClientSampleId :

PB126331BS

Tot Ion:	82	Resp:	564009
Ion Ratio	Lower	Upper	
82	100		
95	7.2	5.8	8.6
138	18.8	14.6	22.0

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#26

2-Nitrophenol

Concen: 46.609 ng

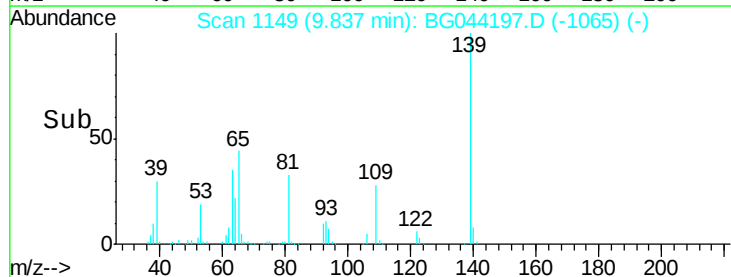
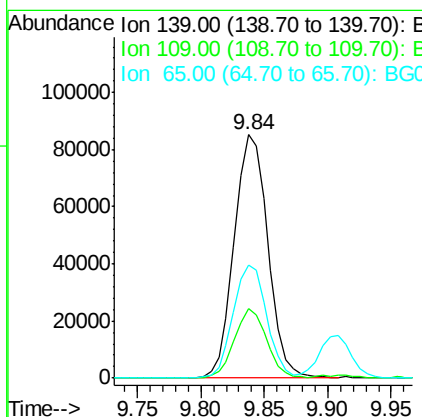
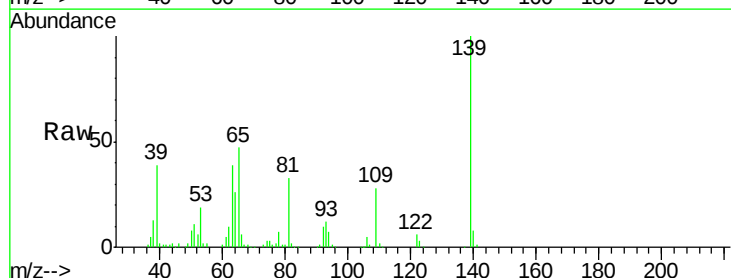
RT: 9.84 min Scan# 1149

Delta R.T. -0.04 min

Lab File: BG044197.D

Acq: 25 Jan 2020 1:50

Tgt Ion:	139	Resp:	157456
Ion Ratio	Lower	Upper	
139	100		
109	28.4	21.3	31.9
65	46.7	38.6	57.8





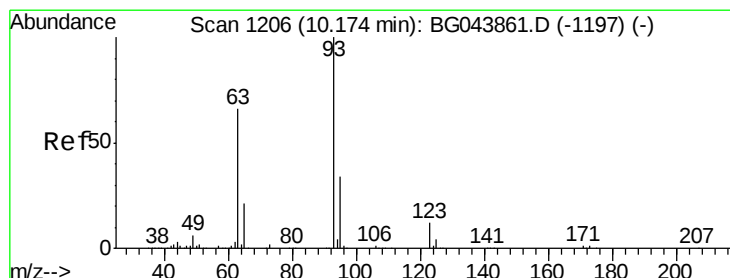
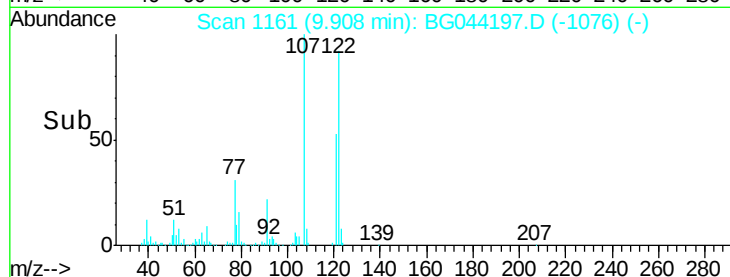
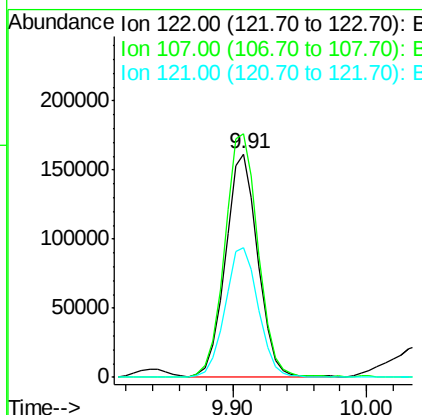
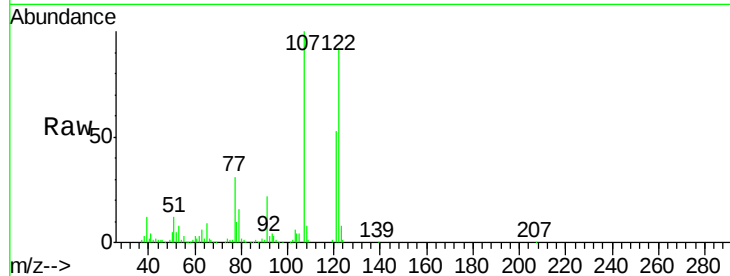
#27
2,4-Dimethylphenol
Concen: 53.423 ng
RT: 9.91 min Scan# 1161
Delta R.T. -0.03 min
Lab File: BG044197.D
Acq: 25 Jan 2020 1:50

Instrument :
BNA_G
ClientSampleId :
PB126331BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	271673		
107	109.0	88.0	132.0	
121	58.0	49.0	73.4	

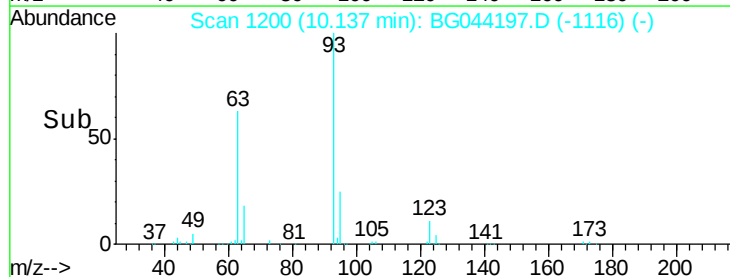
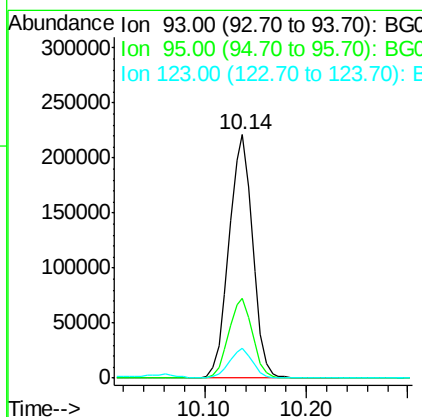
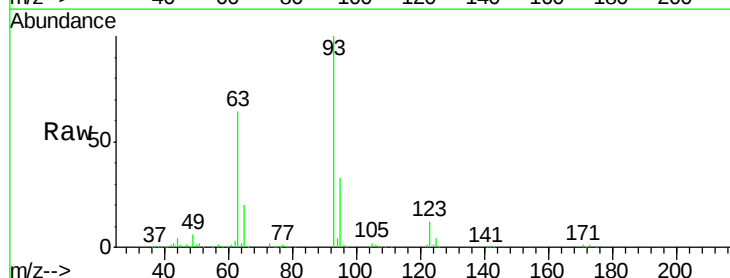
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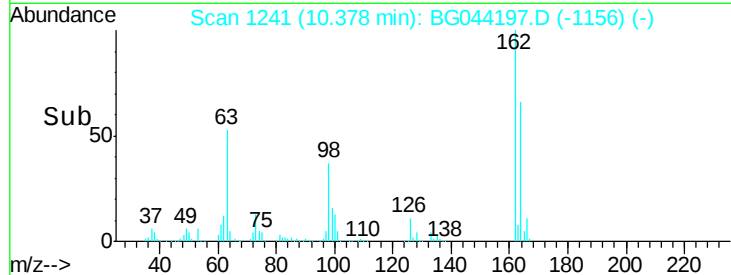
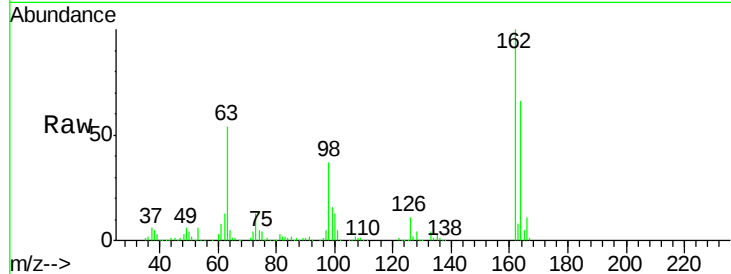
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 39.724 ng
RT: 10.14 min Scan# 1200
Delta R.T. -0.04 min
Lab File: BG044197.D
Acq: 25 Jan 2020 1:50

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	358208		
95	32.8	27.2	40.8	
123	12.3	9.7	14.5	





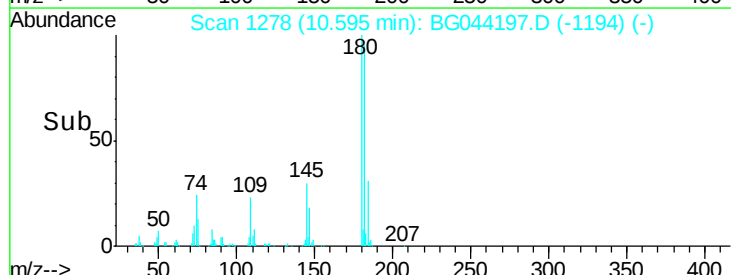
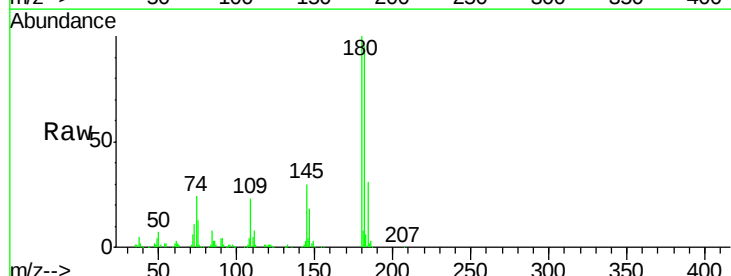
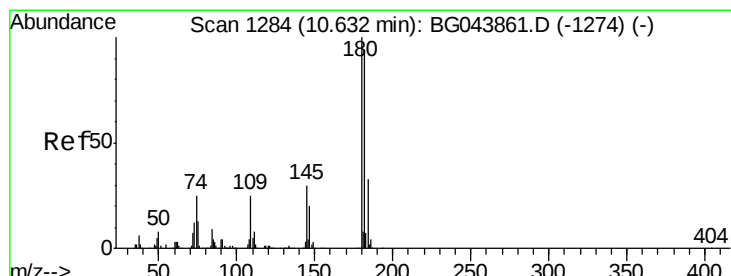
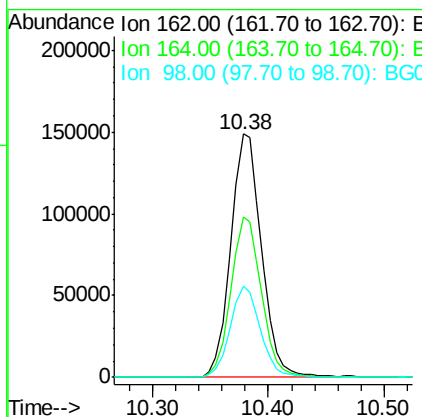
#29
2,4-Dichlorophenol
Concen: 45.329 ng
RT: 10.38 min Scan# 1241
Delta R.T. -0.03 min
Lab File: BG044197.D
Acq: 25 Jan 2020 1:50

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	65.9	46.3	86.3
98	37.3	17.3	57.3

Instrument :
BNA_G
ClientSampleId :
PB126331BS

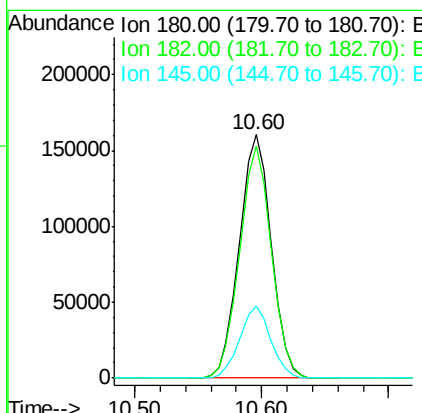
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#30
1,2,4-Trichlorobenzene
Concen: 41.213 ng
RT: 10.60 min Scan# 1278
Delta R.T. -0.04 min
Lab File: BG044197.D
Acq: 25 Jan 2020 1:50

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	95.3	75.0	112.4
145	29.7	24.2	36.4





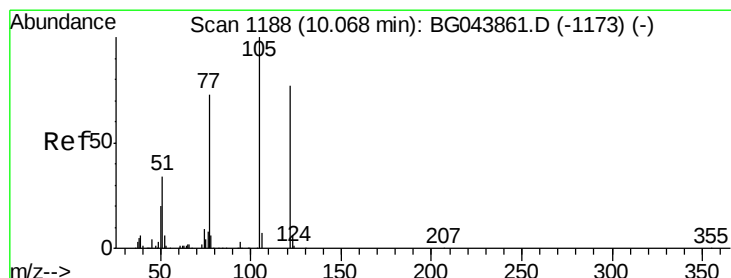
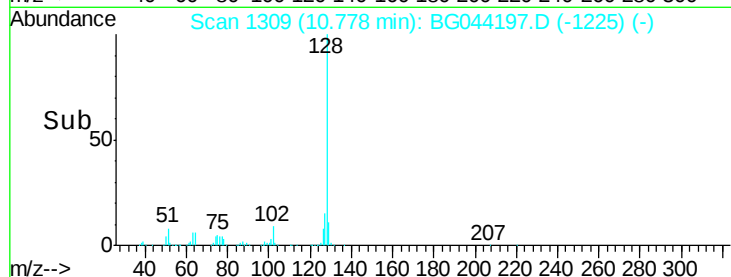
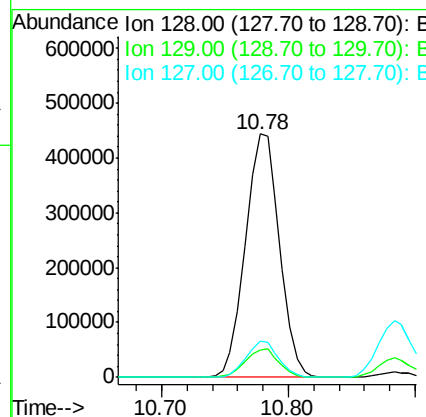
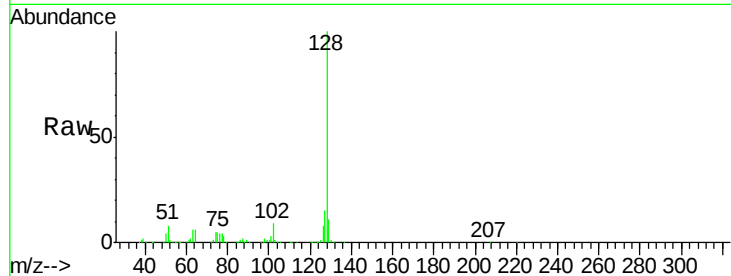
#31
Naphthalene
Concen: 44.288 ng
RT: 10.78 min Scan# 1309
Delta R.T. -0.04 min
Lab File: BG044197.D
Acq: 25 Jan 2020 1:50

Instrument :
BNA_G
ClientSampleId :
PB126331BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.8	14.6
127	14.8	12.0	18.0

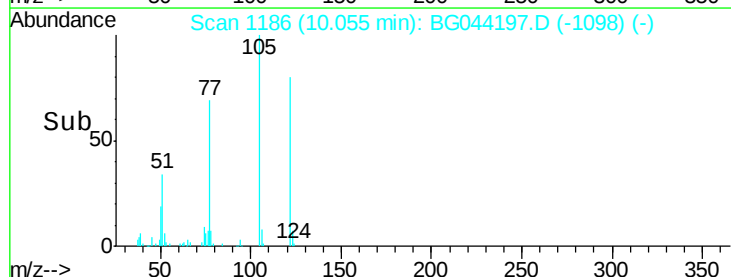
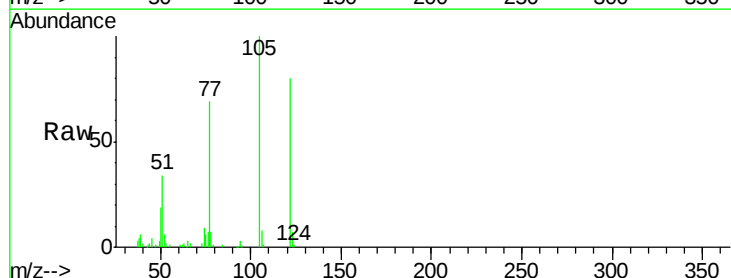
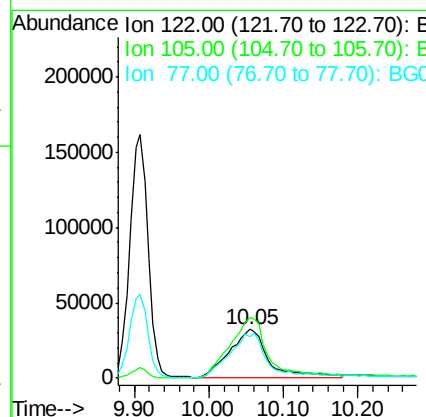
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#32
Benzoic acid
Concen: 29.781 ng
RT: 10.05 min Scan# 1186
Delta R.T. -0.01 min
Lab File: BG044197.D
Acq: 25 Jan 2020 1:50

Tgt Ion	Ratio	Lower	Upper
122	100		
105	125.0	106.4	146.4
77	86.6	74.6	114.6





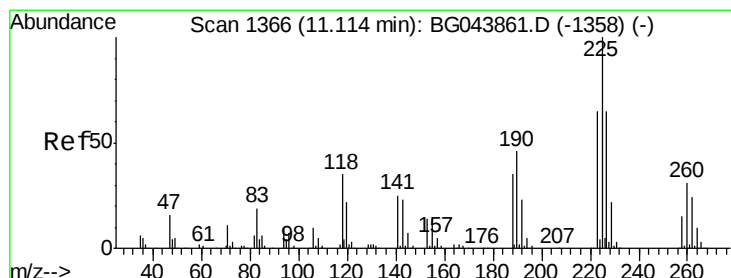
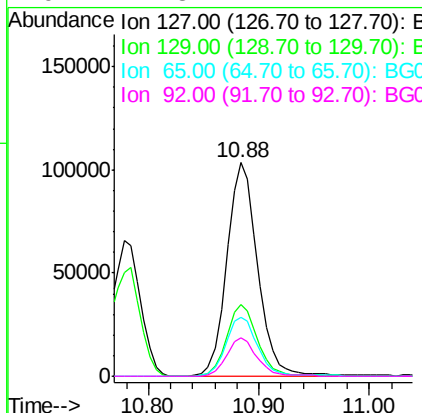
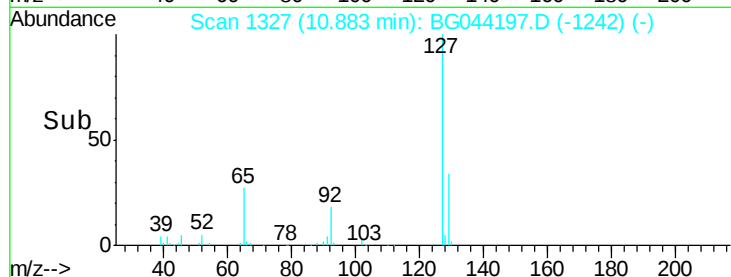
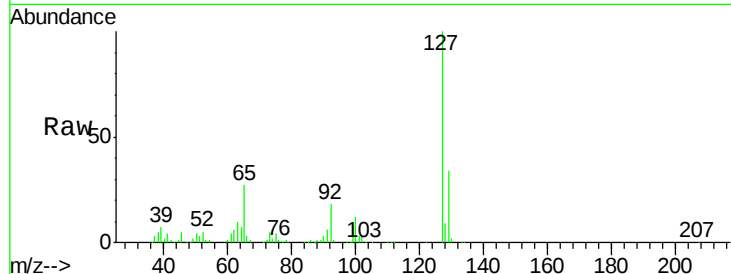
#33
4-Chloroaniline
Concen: 22.712 ng
RT: 10.88 min Scan# 1327
Delta R.T. -0.03 min
Lab File: BG044197.D
Acq: 25 Jan 2020 1:50

Instrument :
BNA_G
ClientSampleId :
PB126331BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	33.7	26.6	40.0		
65	27.4	23.3	34.9		
92	17.8	14.7	22.1		

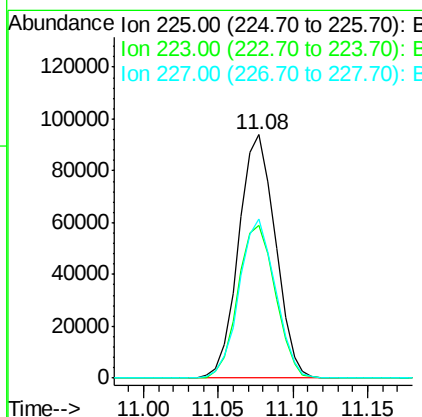
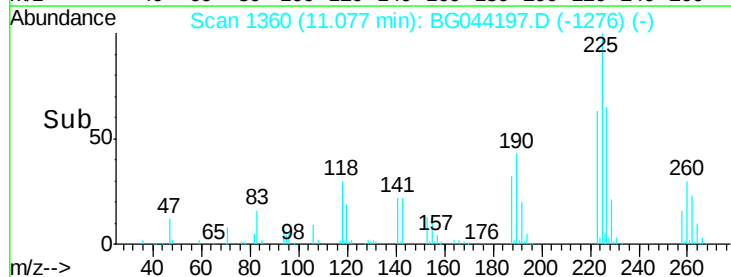
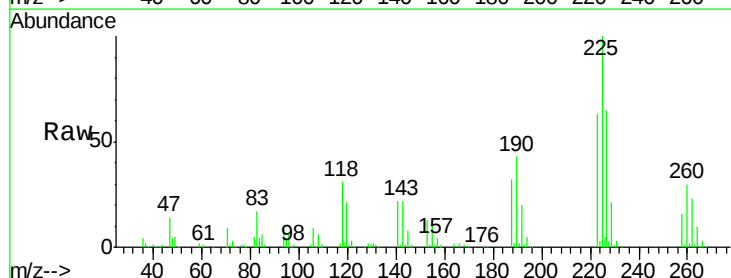
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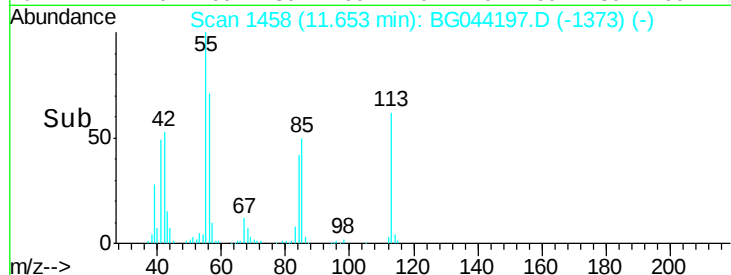
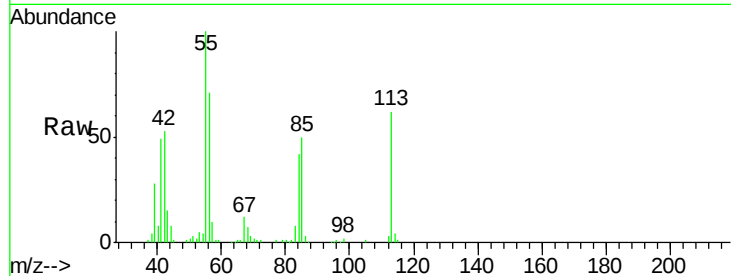
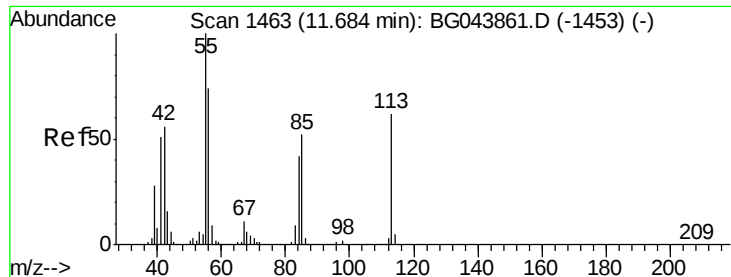
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#34
Hexachlorobutadiene
Concen: 38.586 ng
RT: 11.08 min Scan# 1360
Delta R.T. -0.04 min
Lab File: BG044197.D
Acq: 25 Jan 2020 1:50

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.6	52.2	78.4		
227	65.1	52.1	78.1		





#35

Caprolactam

Concen: 44.674 ng/mL

RT: 11.65 min Scan# 1458

Delta R.T. -0.03 min

Lab File: BG044197.D

Acq: 25 Jan 2020 1:50

Instrument :

BNA_G

ClientSampleId :

PB126331BS

Tot Ion:113 Resp: 100879

Ion Ratio Lower Upper

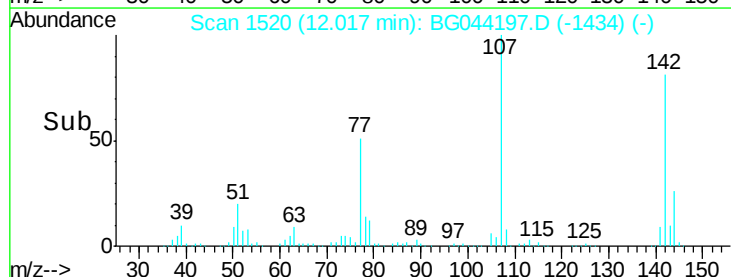
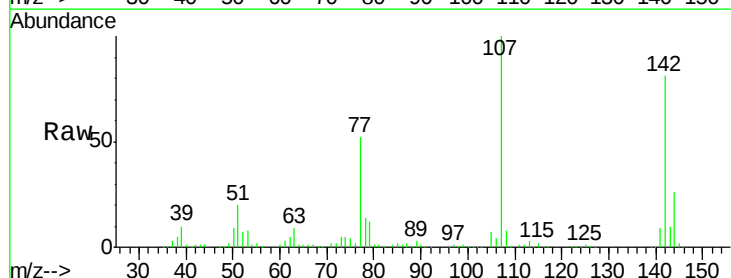
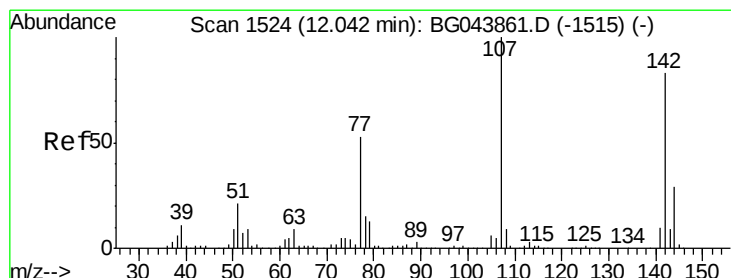
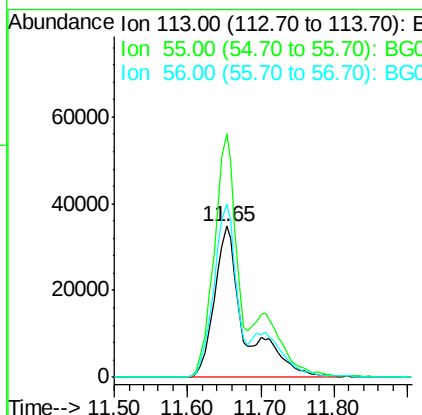
113 100

55 161.3 142.5 182.5

56 114.5 101.4 141.4

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#36

4-Chloro-3-methylphenol

Concen: 46.303 ng/mL

RT: 12.02 min Scan# 1520

Delta R.T. -0.02 min

Lab File: BG044197.D

Acq: 25 Jan 2020 1:50

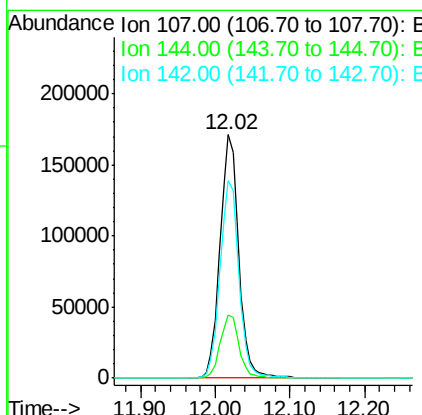
Tgt Ion:107 Resp: 298999

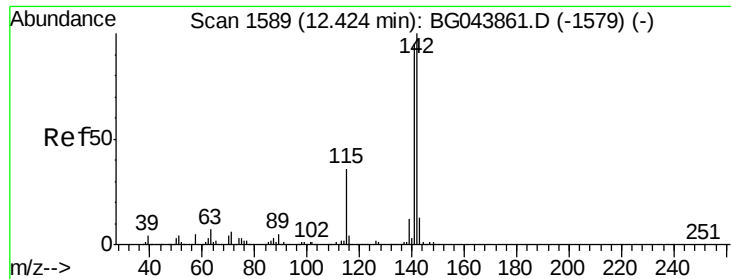
Ion Ratio Lower Upper

107 100

144 26.1 23.4 35.2

142 81.3 66.3 99.5





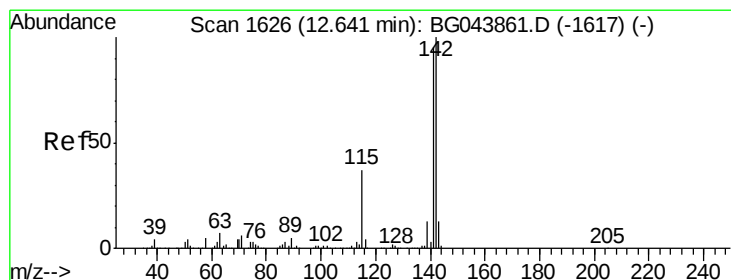
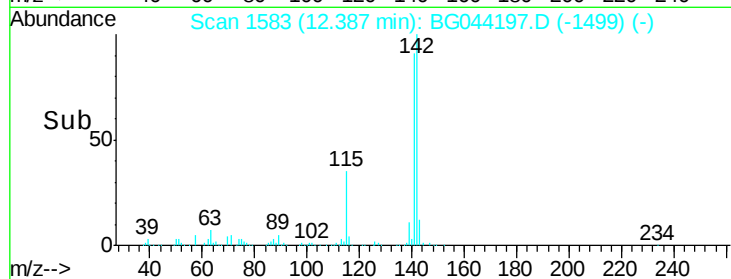
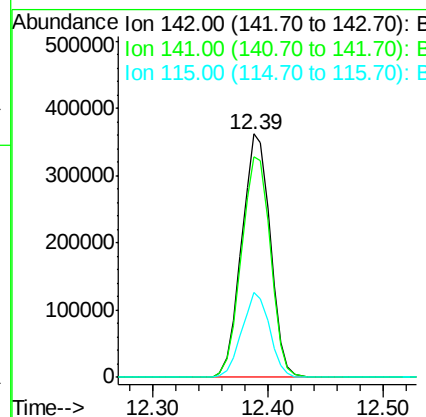
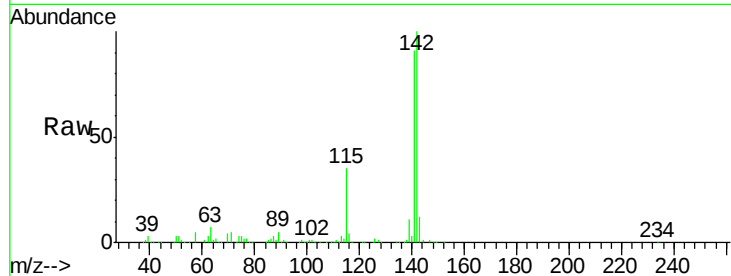
#37
2-Methylnaphthalene
Concen: 44.226 ng
RT: 12.39 min Scan# 1583
Delta R.T. -0.04 min
Lab File: BG044197.D
Acq: 25 Jan 2020 1:50

Instrument :
BNA_G
ClientSampleId :
PB126331BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.7	75.8	113.8
115	34.9	28.6	42.8

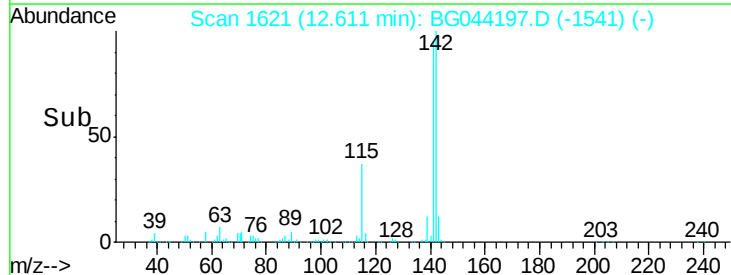
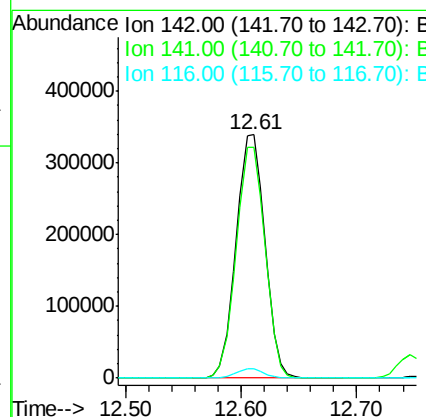
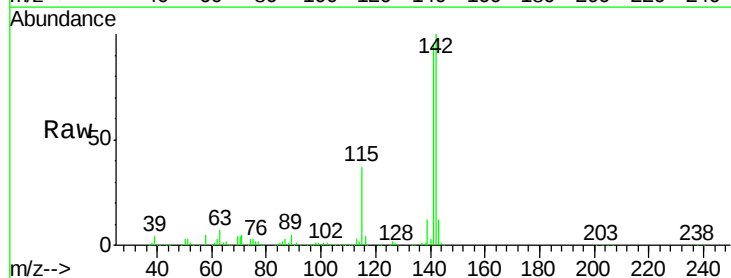
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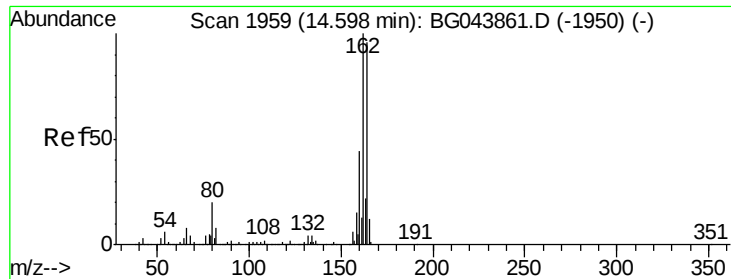
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#38
1-Methylnaphthalene
Concen: 44.109 ng
RT: 12.61 min Scan# 1621
Delta R.T. -0.03 min
Lab File: BG044197.D
Acq: 25 Jan 2020 1:50

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.8	76.0	114.0
116	3.8	3.1	4.7





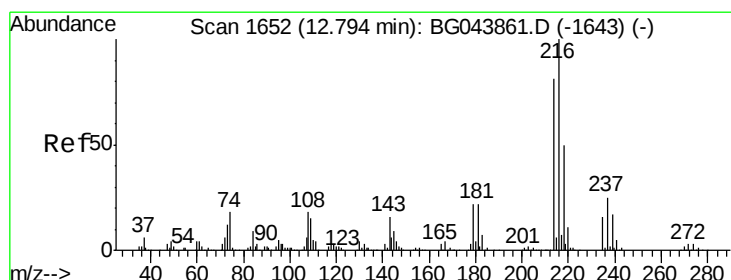
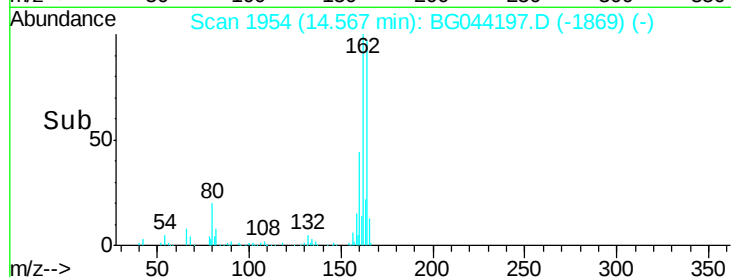
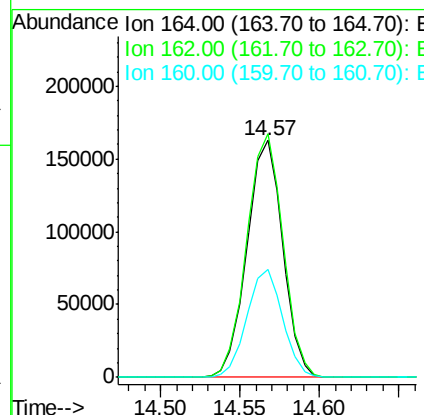
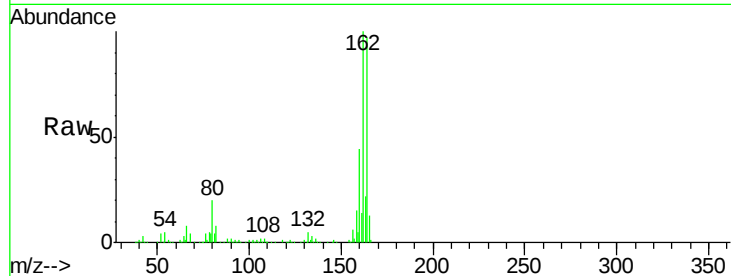
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.57 min Scan# 1954
Delta R.T. -0.03 min
Lab File: BG044197.D
Acq: 25 Jan 2020 1:50

Instrument :
BNA_G
ClientSampleId :
PB126331BS

Tot Ion	Ratio	Resp	Lower	Upper
164	100	255004		
162	102.7	83.0	124.4	
160	45.5	36.1	54.1	

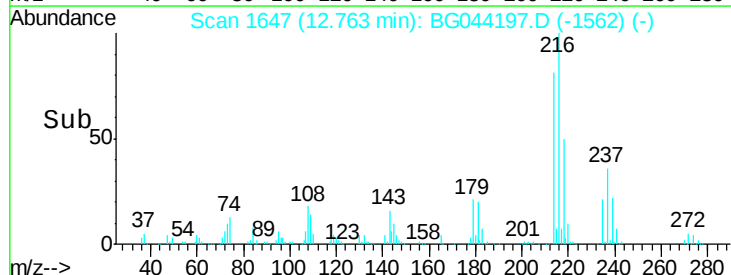
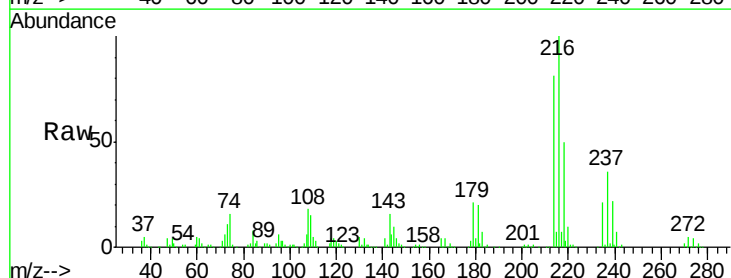
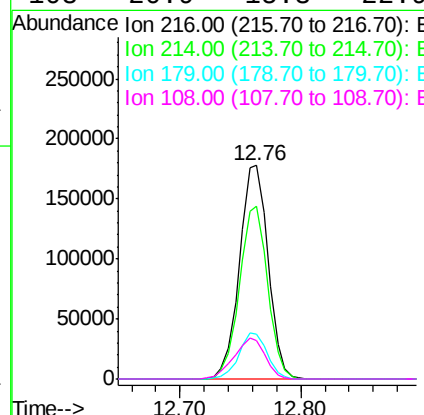
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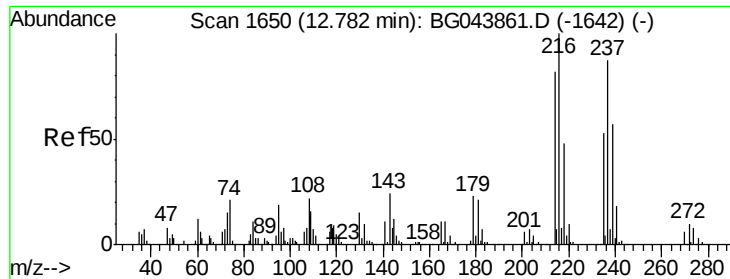
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.493 ng
RT: 12.76 min Scan# 1647
Delta R.T. -0.03 min
Lab File: BG044197.D
Acq: 25 Jan 2020 1:50

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	295178		
214	79.2	63.8	95.8	
179	21.1	17.3	25.9	
108	20.9	15.3	22.9	





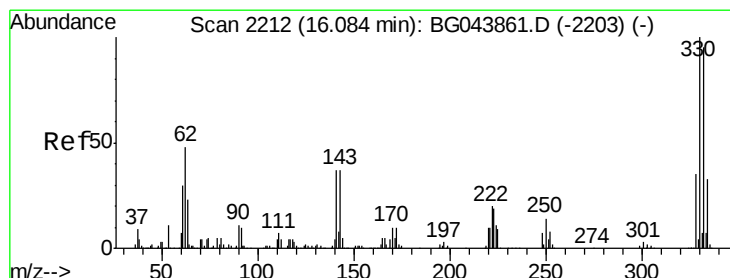
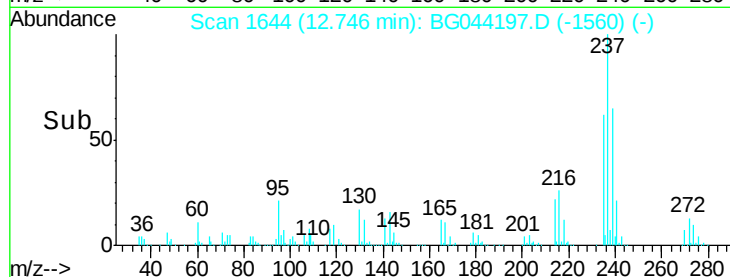
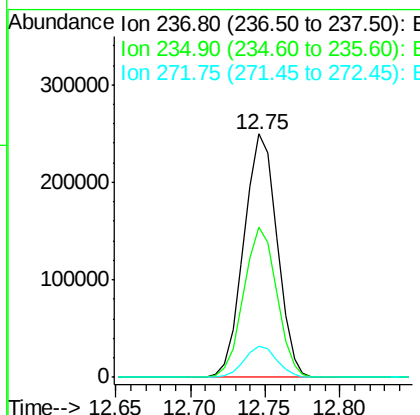
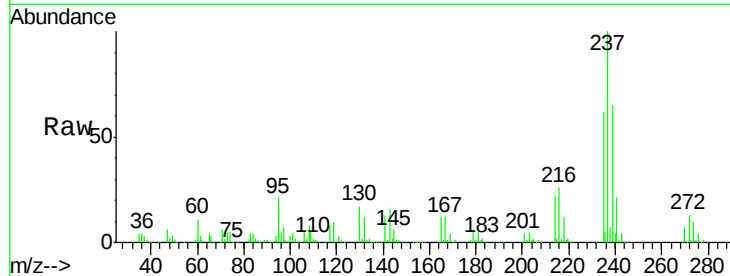
#41
Hexachlorocyclopentadiene
Concen: 99.333 ng
RT: 12.75 min Scan# 1644
Delta R.T. -0.04 min
Lab File: BG044197.D
Acq: 25 Jan 2020 1:50

Instrument :
BNA_G
ClientSampleId :
PB126331BS

Tot Ion	Ratio	Resp Lower	Upper
237	100		
235	61.9	41.1	81.1
272	12.8	0.0	31.7

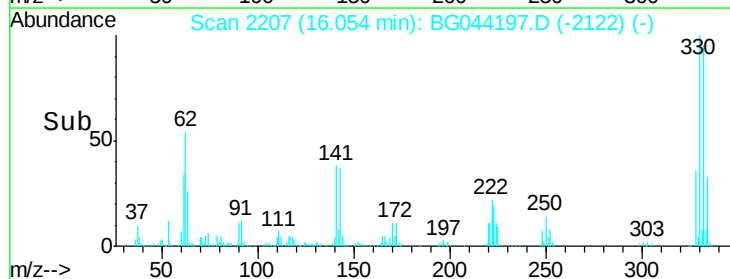
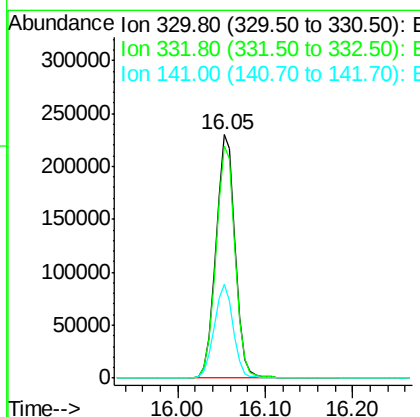
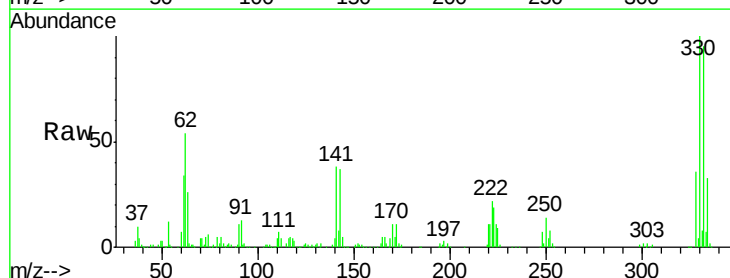
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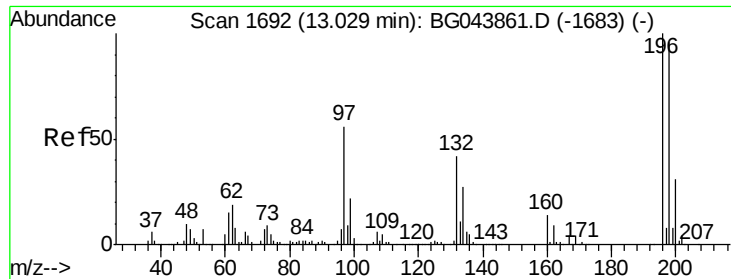
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#42
2,4,6-Tribromophenol
Concen: 131.483 ng
RT: 16.05 min Scan# 2207
Delta R.T. -0.03 min
Lab File: BG044197.D
Acq: 25 Jan 2020 1:50

Tgt Ion	Ratio	Resp Lower	Upper
330	100		
332	95.4	77.2	115.8
141	38.1	33.1	49.7





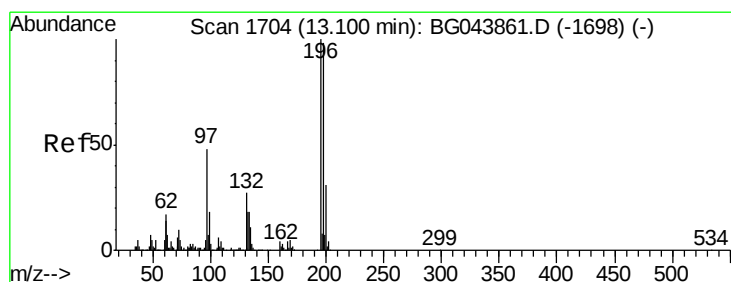
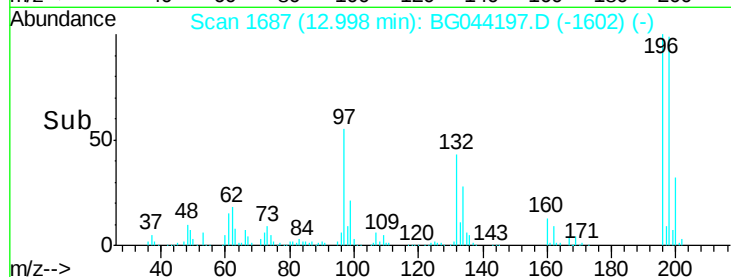
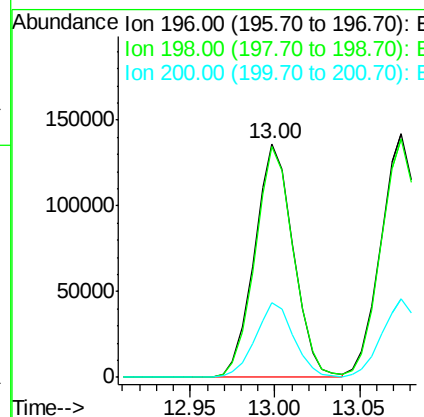
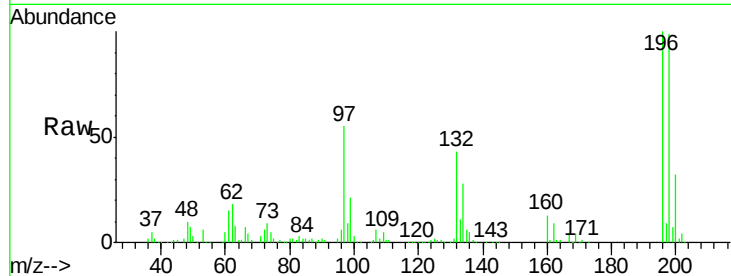
#43
 2,4,6-Trichlorophenol
 Concen: 42.156 ng
 RT: 13.00 min Scan# 1687
 Delta R.T. -0.03 min
 Lab File: BG044197.D
 Acq: 25 Jan 2020 1:50

Instrument :
 BNA_G
 ClientSampleId :
 PB126331BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	216801		
198	98.7	76.6	115.0	
200	32.2	24.6	37.0	

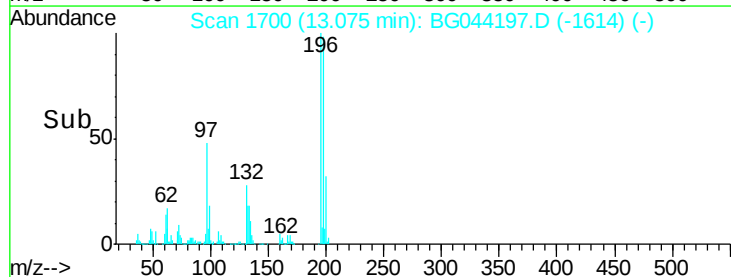
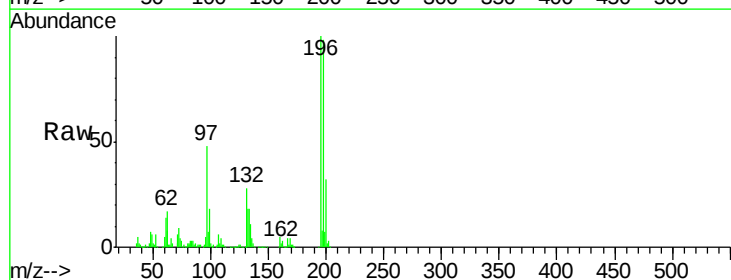
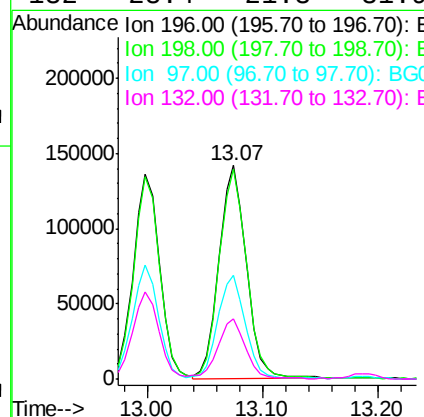
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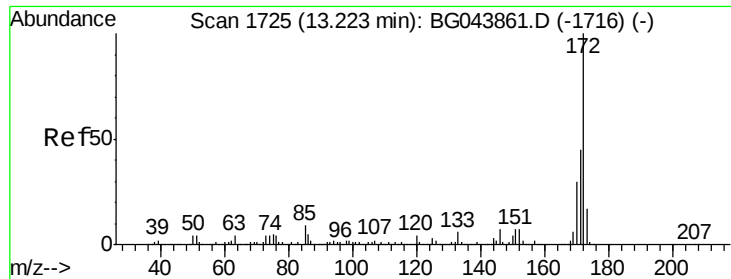
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#44
 2,4,5-Trichlorophenol
 Concen: 43.864 ng
 RT: 13.07 min Scan# 1700
 Delta R.T. -0.02 min
 Lab File: BG044197.D
 Acq: 25 Jan 2020 1:50

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	232666		
198	98.2	78.3	117.5	
97	48.3	38.8	58.2	
132	28.4	21.3	31.9	





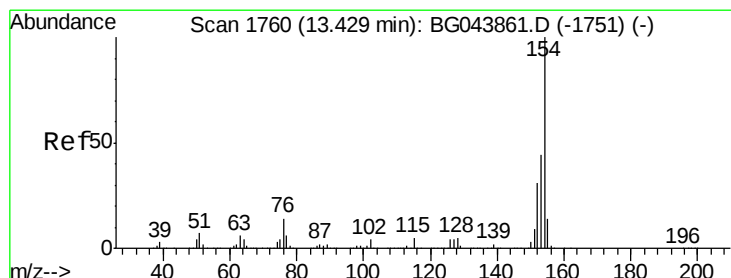
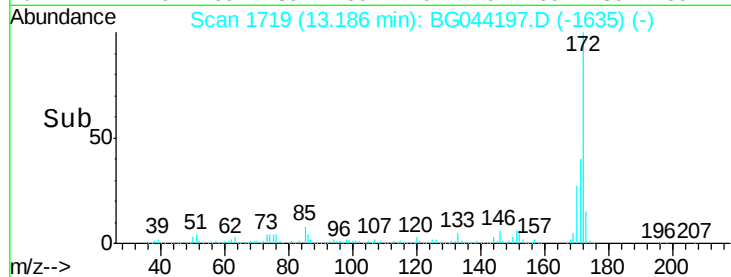
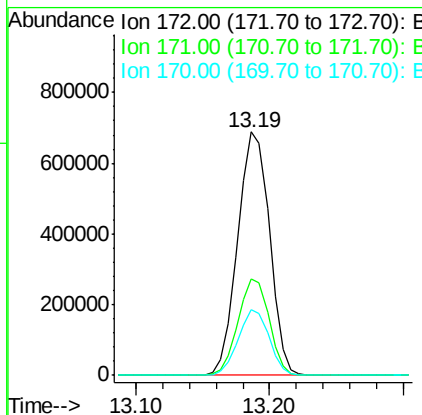
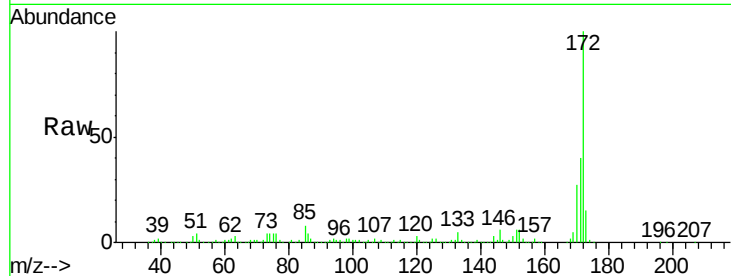
#45
2-Fluorobiphenyl
Concen: 80.713 ng
RT: 13.19 min Scan# 1719
Delta R.T. -0.04 min
Lab File: BG044197.D
Acq: 25 Jan 2020 1:50

Instrument :
BNA_G
ClientSampleId :
PB126331BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	39.8	35.8	53.8
170	26.8	24.2	36.4

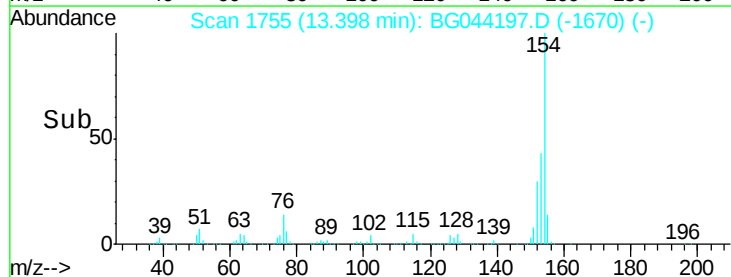
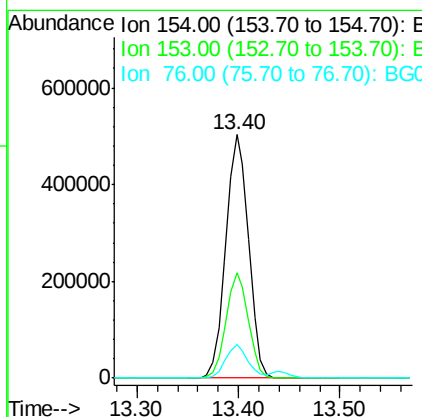
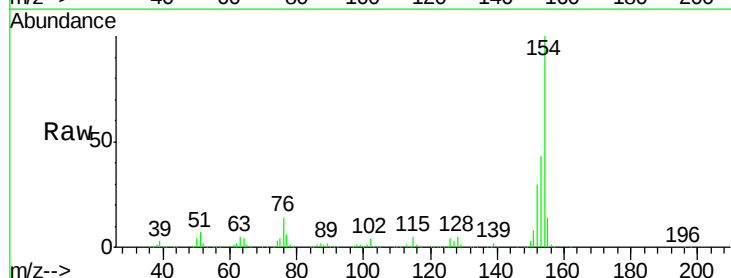
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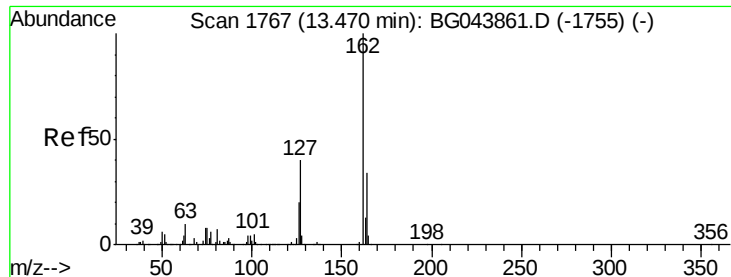
mohammad
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#46
1,1'-Biphenyl
Concen: 42.613 ng
RT: 13.40 min Scan# 1755
Delta R.T. -0.03 min
Lab File: BG044197.D
Acq: 25 Jan 2020 1:50

Tgt Ion	Ratio	Lower	Upper
154	100		
153	43.2	23.6	63.6
76	13.8	0.0	34.4





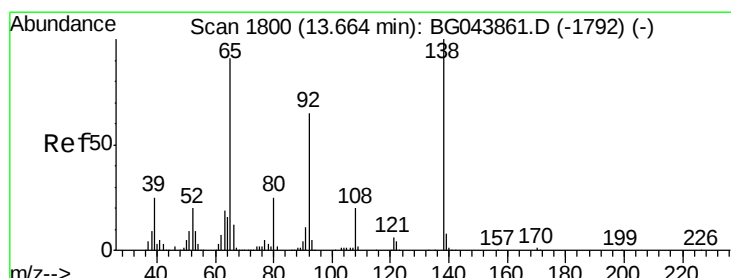
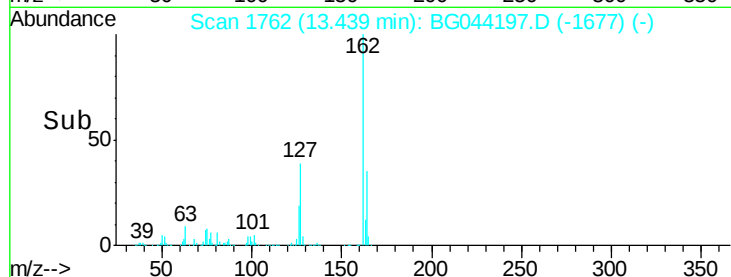
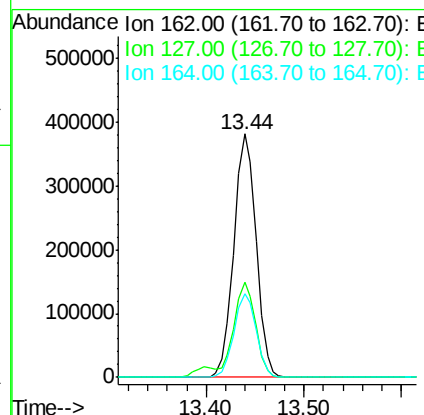
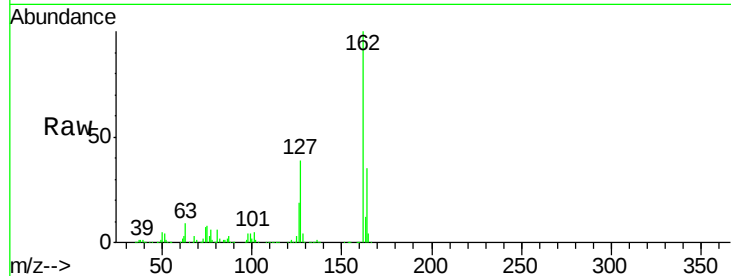
#47
2-Chloronaphthalene
Concen: 40.817 ng
RT: 13.44 min Scan# 1762
Delta R.T. -0.03 min
Lab File: BG044197.D
Acq: 25 Jan 2020 1:50

Instrument :
BNA_G
ClientSampleId :
PB126331BS

Tot Ion	Ratio	Resp Lower	Upper
162	100		
127	39.3	32.1	48.1
164	34.5	27.5	41.3

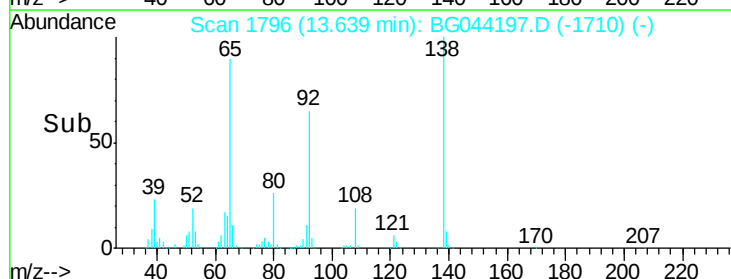
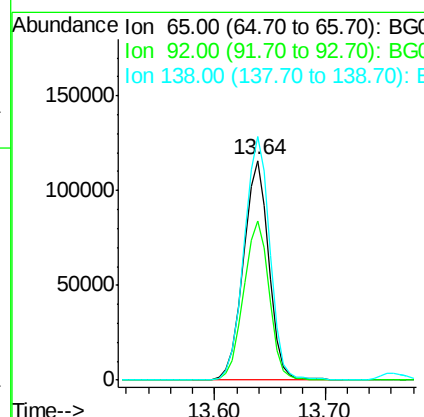
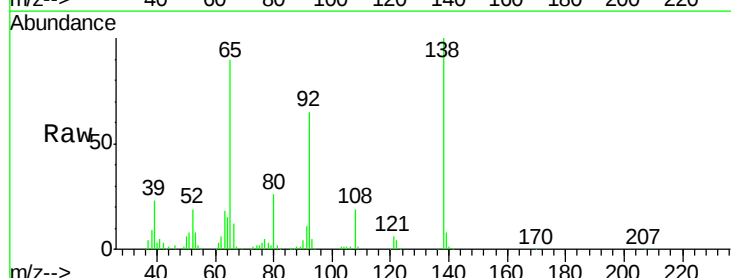
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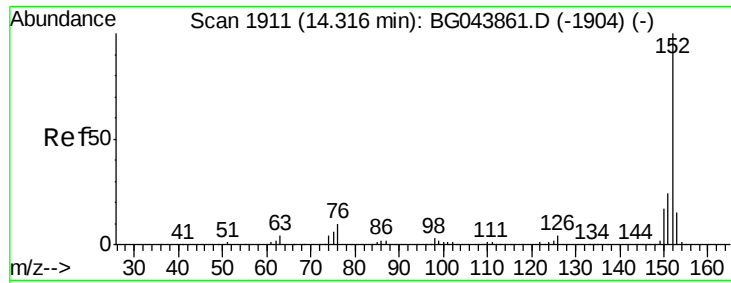
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#48
2-Nitroaniline
Concen: 39.586 ng
RT: 13.64 min Scan# 1796
Delta R.T. -0.02 min
Lab File: BG044197.D
Acq: 25 Jan 2020 1:50

Tgt Ion	Ratio	Resp Lower	Upper
65	100		
92	72.3	57.4	86.2
138	110.9	88.2	132.4





#49

Acenaphthylene

Concen: 45.693 ng

RT: 14.29 min Scan# 1906

Delta R.T. -0.03 min

Lab File: BG044197.D

Acq: 25 Jan 2020 1:50

Instrument :

BNA_G

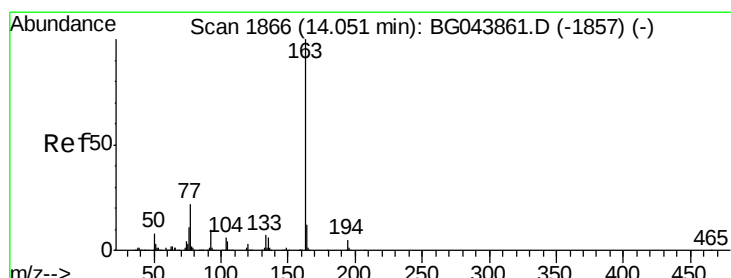
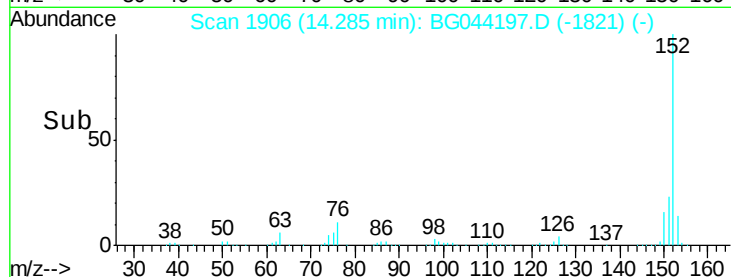
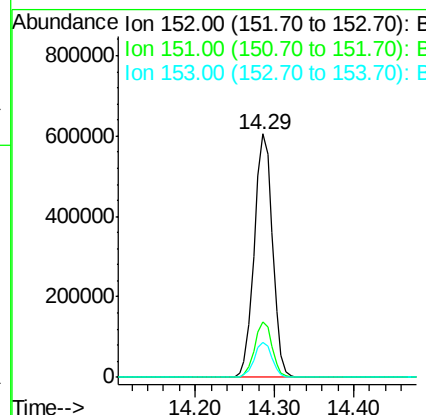
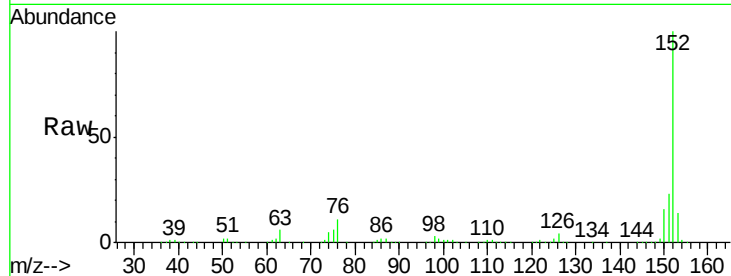
ClientSampleId :

PB126331BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
152	100		970281		
151	23.0		19.4	29.2	
153	14.1		12.0	18.0	

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#50

Dimethylphthalate

Concen: 42.525 ng

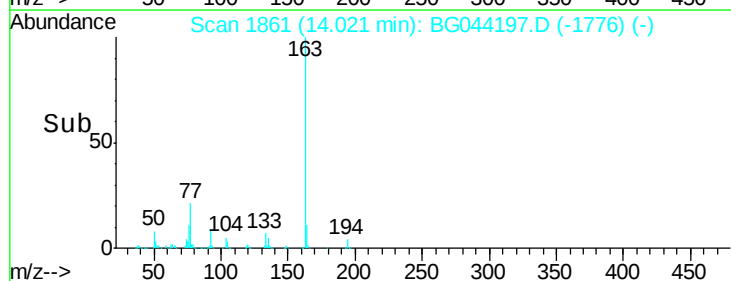
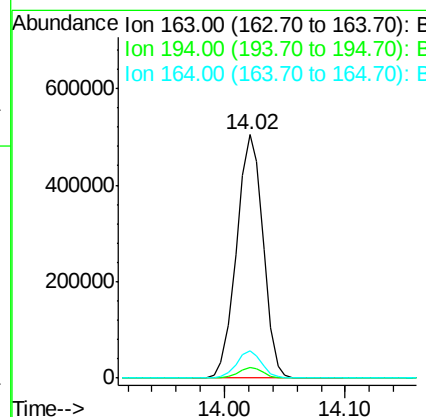
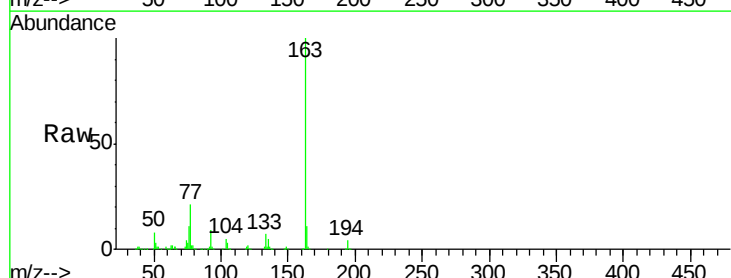
RT: 14.02 min Scan# 1861

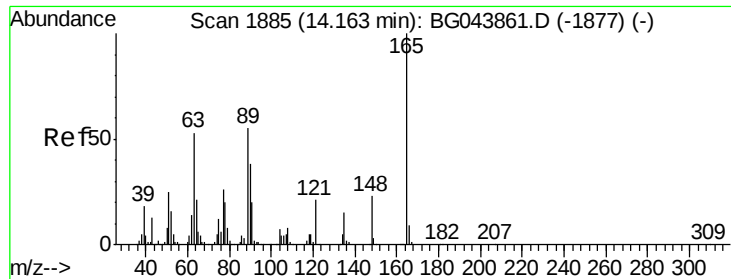
Delta R.T. -0.03 min

Lab File: BG044197.D

Acq: 25 Jan 2020 1:50

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
163	100		769975		
194	4.3		3.7	5.5	
164	11.0		9.3	13.9	





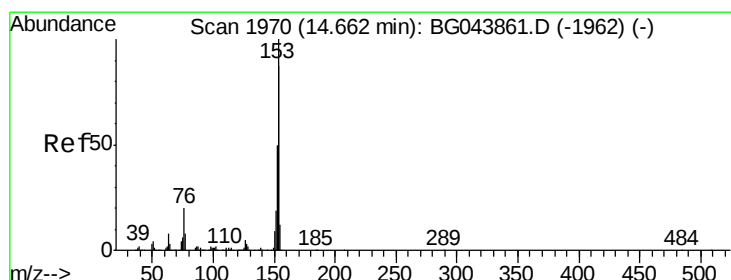
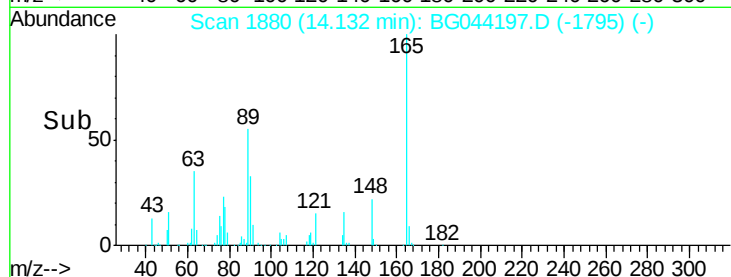
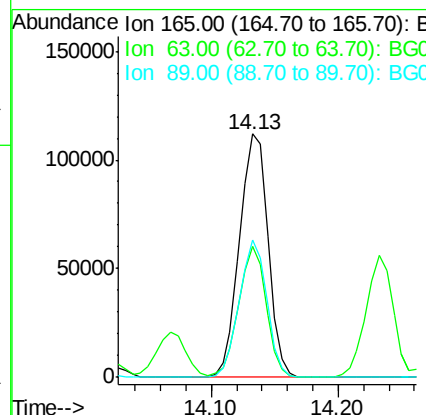
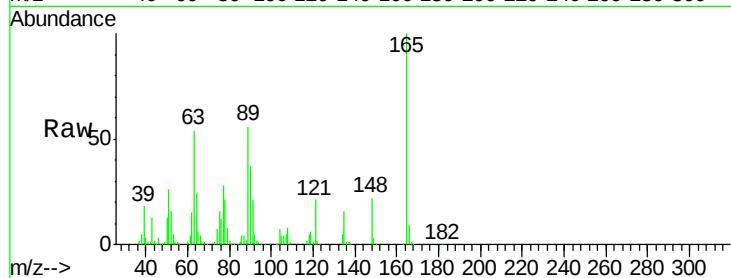
#51
2,6-Dinitrotoluene
Concen: 42.557 ng
RT: 14.13 min Scan# 1880
Delta R.T. -0.03 min
Lab File: BG044197.D
Acq: 25 Jan 2020 1:50

Instrument :
BNA_G
ClientSampleId :
PB126331BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	174161		
63	53.6	43.1	64.7	
89	56.2	43.8	65.6	

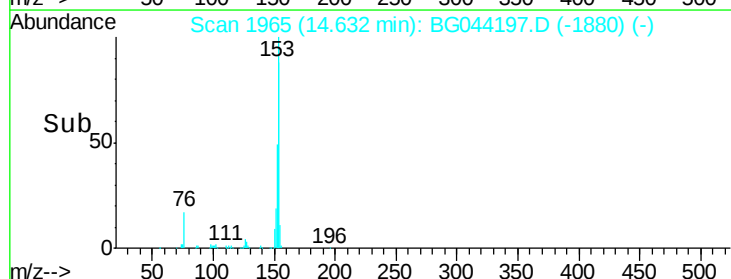
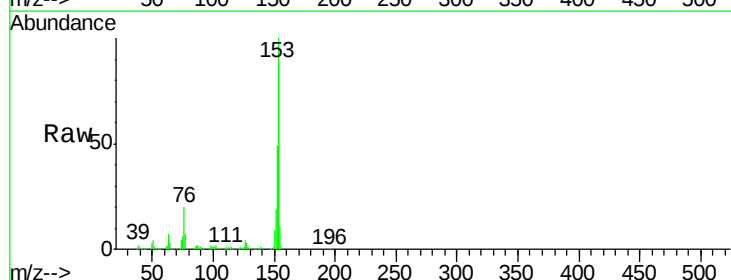
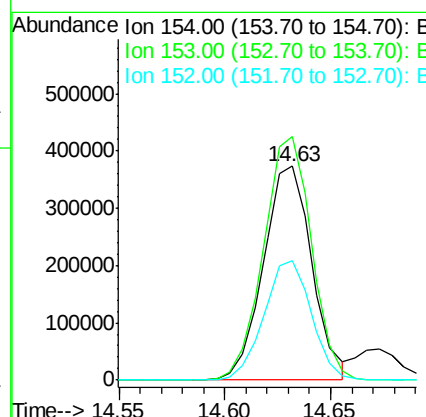
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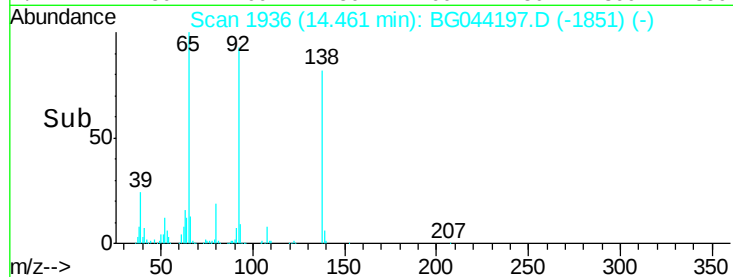
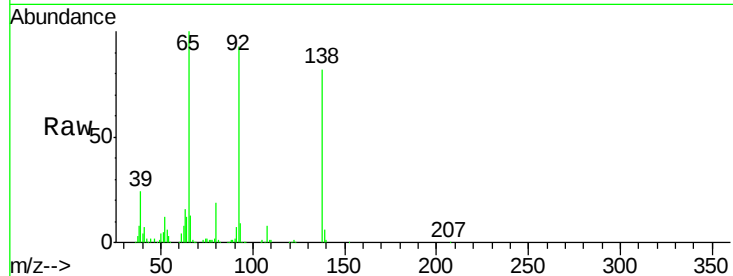
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#52
Acenaphthene
Concen: 39.957 ng
RT: 14.63 min Scan# 1965
Delta R.T. -0.03 min
Lab File: BG044197.D
Acq: 25 Jan 2020 1:50

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	595023		
153	113.7	91.6	137.4	
152	55.8	45.4	68.0	





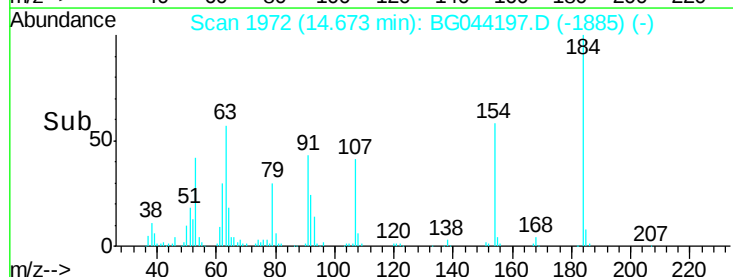
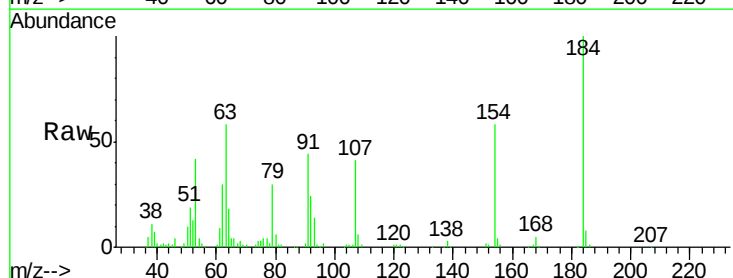
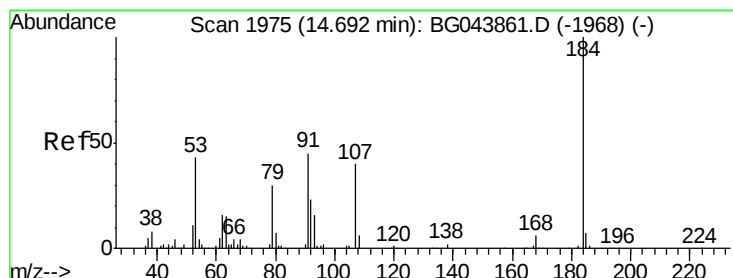
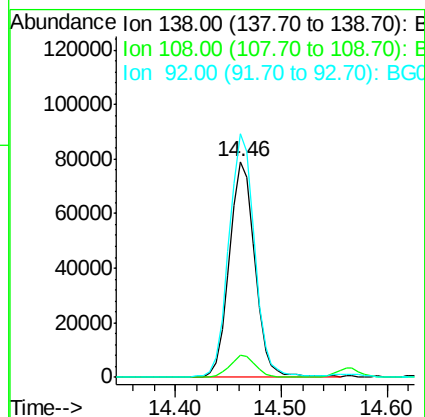
#53
3-Nitroaniline
Concen: 28.395 ng
RT: 14.46 min Scan# 1936
Delta R.T. -0.03 min
Lab File: BG044197.D
Acq: 25 Jan 2020 1:50

Instrument :
BNA_G
ClientSampleId :
PB126331BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.1	7.4	11.2
92	113.0	92.1	138.1

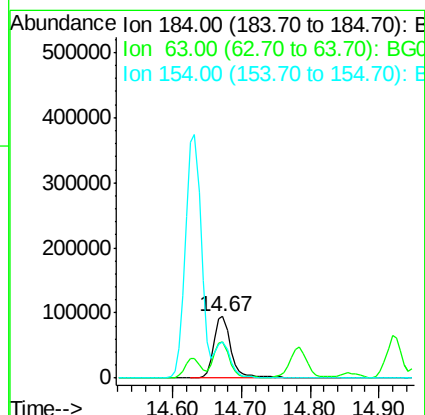
Manual Integrations
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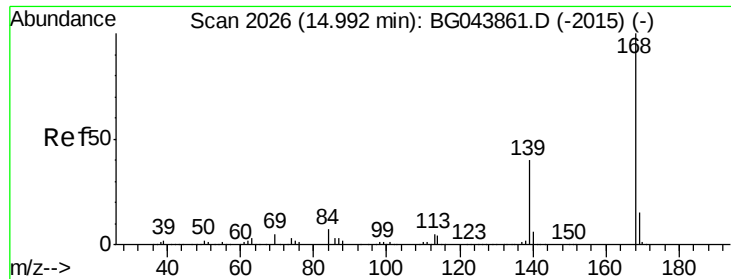
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#54
2,4-Dinitrophenol
Concen: 80.020 ng
RT: 14.67 min Scan# 1972
Delta R.T. -0.02 min
Lab File: BG044197.D
Acq: 25 Jan 2020 1:50

Tgt Ion	Ratio	Lower	Upper
184	100		
63	58.3	46.6	70.0
154	58.2	50.2	75.4





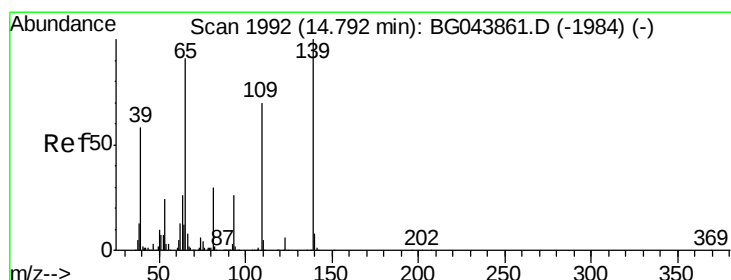
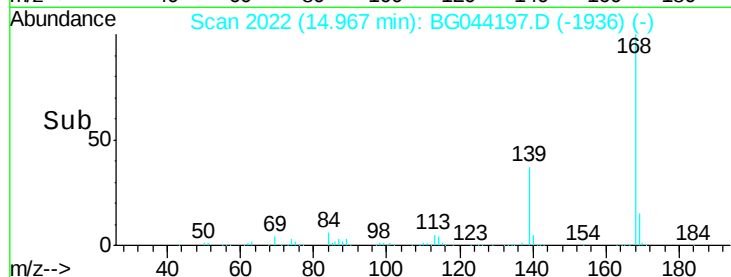
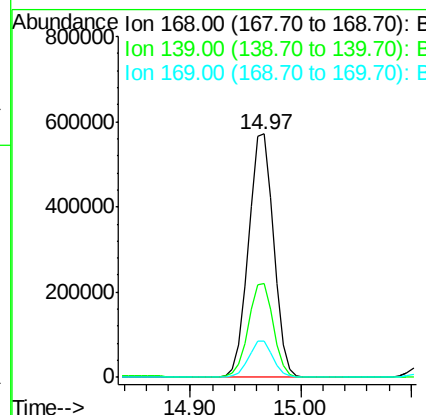
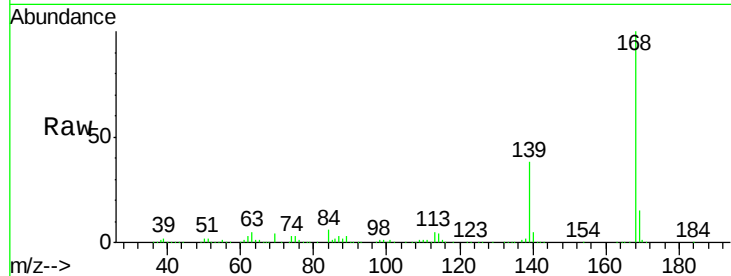
#55
Dibenzofuran
Concen: 44.742 ng
RT: 14.97 min Scan# 2022
Delta R.T. -0.02 min
Lab File: BG044197.D
Acq: 25 Jan 2020 1:50

Instrument :
BNA_G
ClientSampleId :
PB126331BS

Tot Ion	Ratio	Resp	Lower	Upper
168	100	917227		
139	38.3	32.2	48.2	
169	14.7	12.2	18.2	

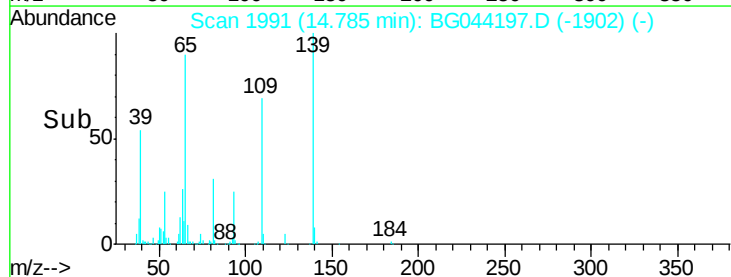
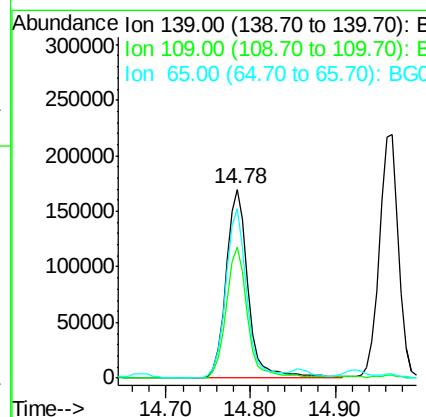
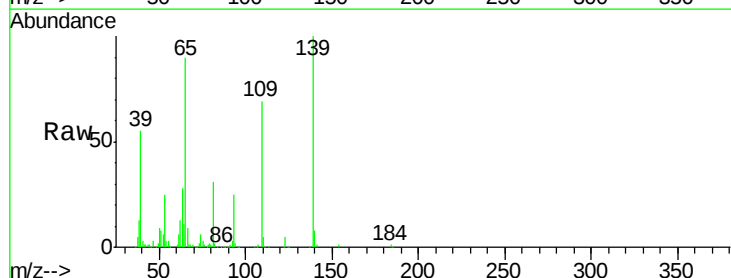
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#56
4-Nitrophenol
Concen: 86.669 ng
RT: 14.78 min Scan# 1991
Delta R.T. -0.01 min
Lab File: BG044197.D
Acq: 25 Jan 2020 1:50

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	308651		
109	69.0	50.4	90.4	
65	89.9	71.4	111.4	





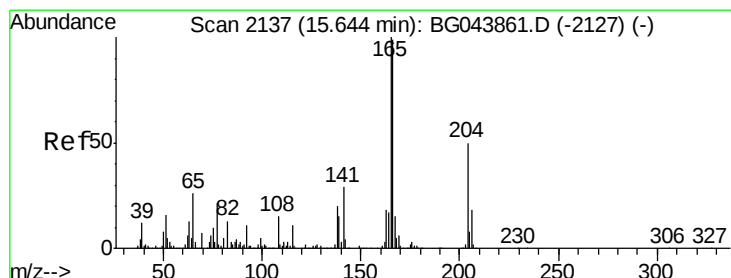
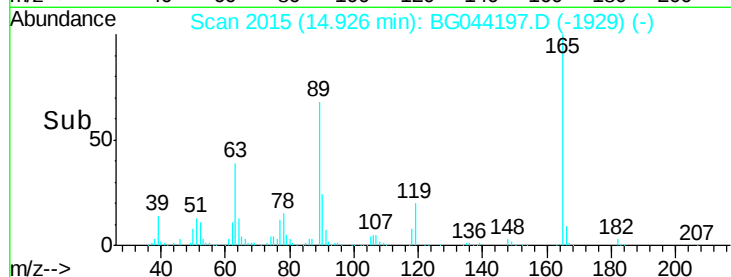
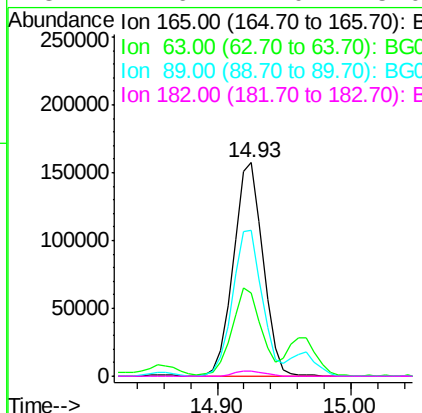
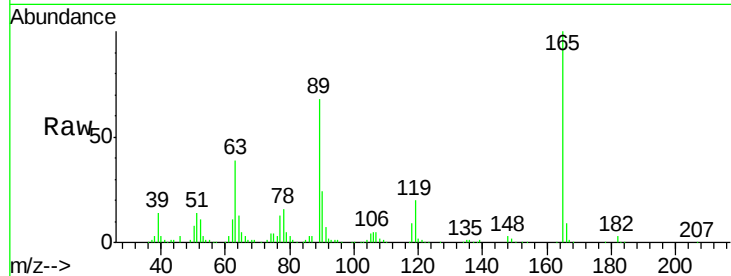
#57
2,4-Dinitrotoluene
Concen: 43.473 ng
RT: 14.93 min Scan# 2015
Delta R.T. -0.02 min
Lab File: BG044197.D
Acq: 25 Jan 2020 1:50

Instrument :
BNA_G
ClientSampleId :
PB126331BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	242082		
63	38.9		31.9	47.9
89	68.1		53.8	80.6
182	2.6		2.0	3.0

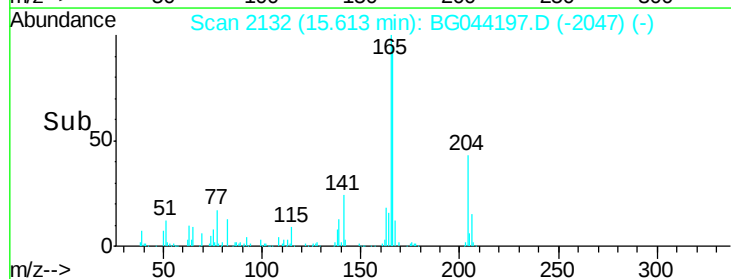
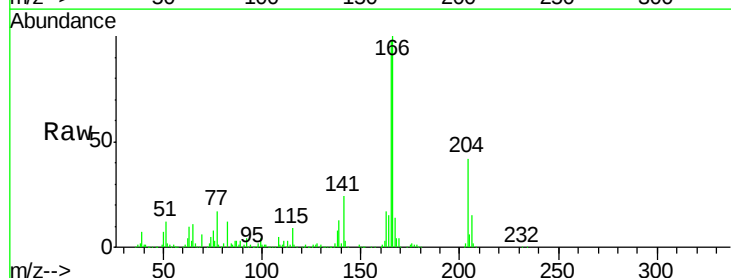
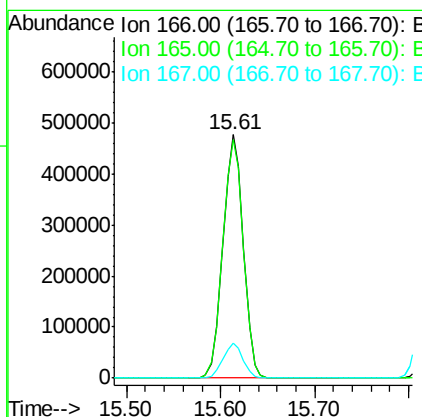
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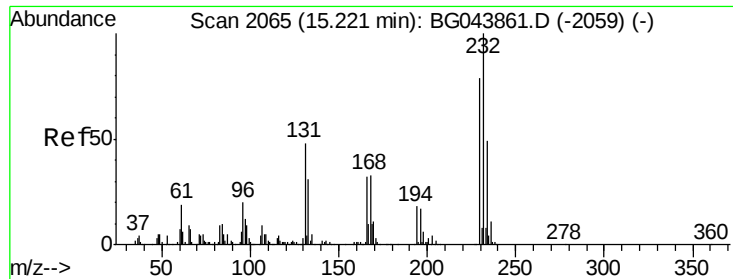
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#58
Fluorene
Concen: 44.493 ng
RT: 15.61 min Scan# 2132
Delta R.T. -0.03 min
Lab File: BG044197.D
Acq: 25 Jan 2020 1:50

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	722937		
165	98.2		80.8	121.2
167	14.3		12.1	18.1





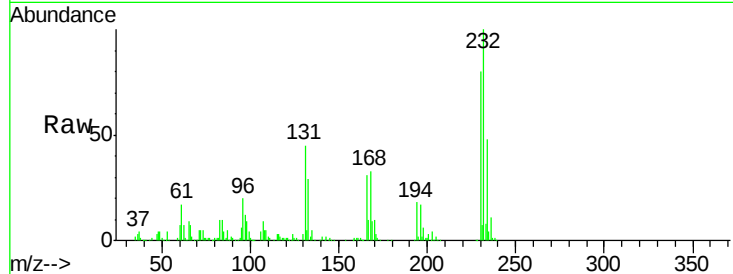
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 44.550 ng
 RT: 15.20 min Scan# 2061
 Delta R.T. -0.02 min
 Lab File: BG044197.D
 Acq: 25 Jan 2020 1:50

Instrument :
 BNA_G
 ClientSampleId :
 PB126331BS

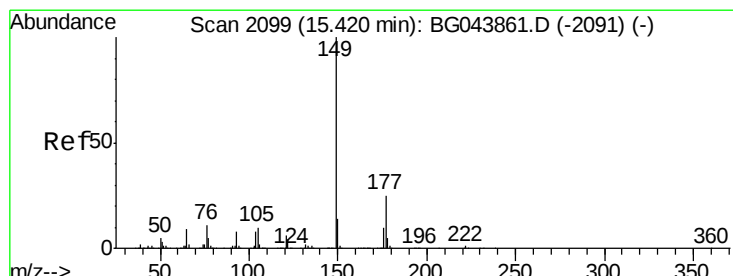
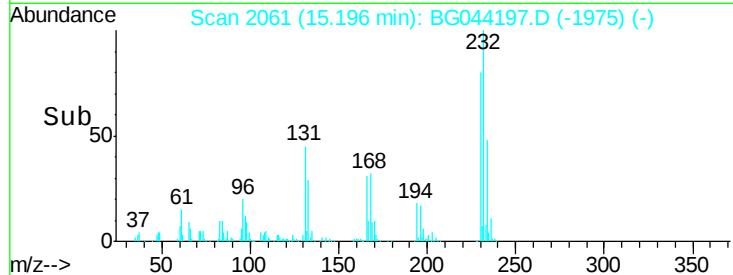
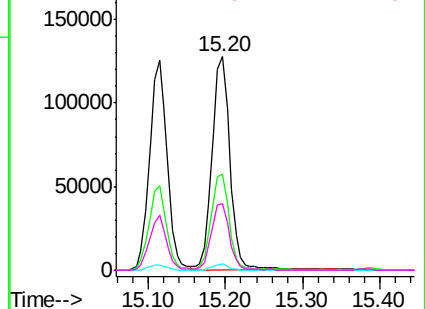
Tot Ion	Ratio	Resp	Lower	Upper
232	100	203196		
131	44.3		38.2	57.2
130	2.6		2.2	3.2
166	30.9		26.4	39.6

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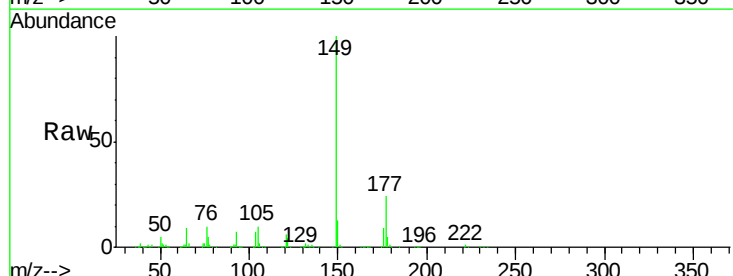


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

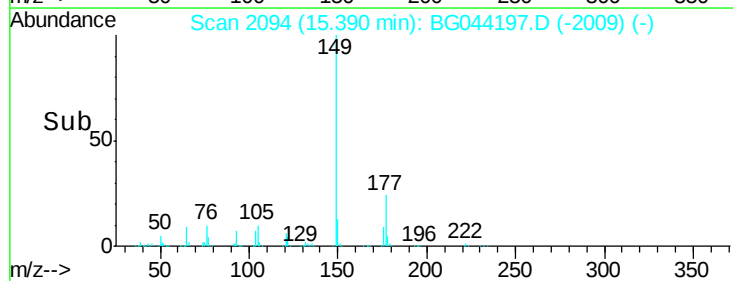
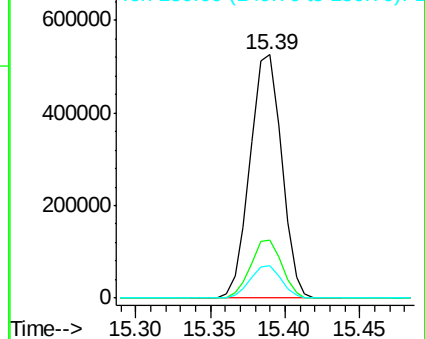


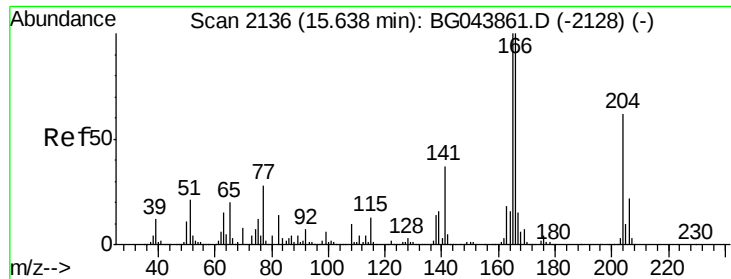
#60
 Diethylphthalate
 Concen: 42.551 ng
 RT: 15.39 min Scan# 2094
 Delta R.T. -0.03 min
 Lab File: BG044197.D
 Acq: 25 Jan 2020 1:50

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	770588		
177	24.0		20.0	30.0
150	13.2		11.1	16.7



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E





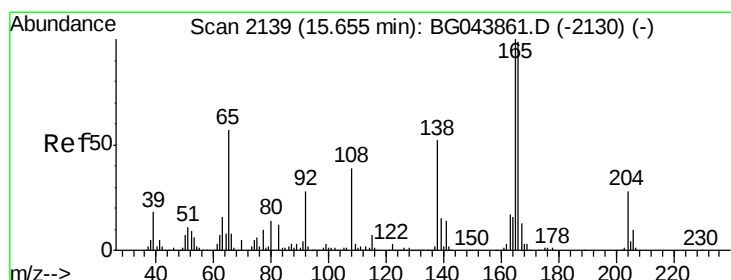
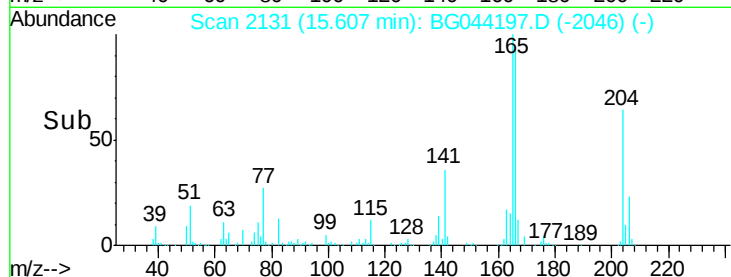
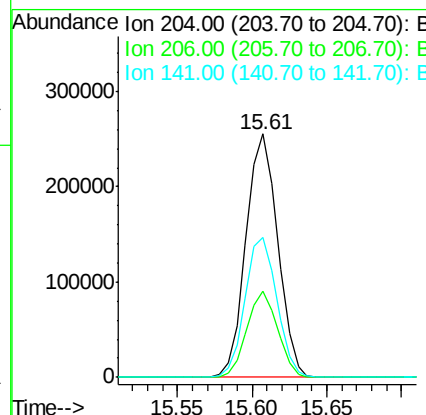
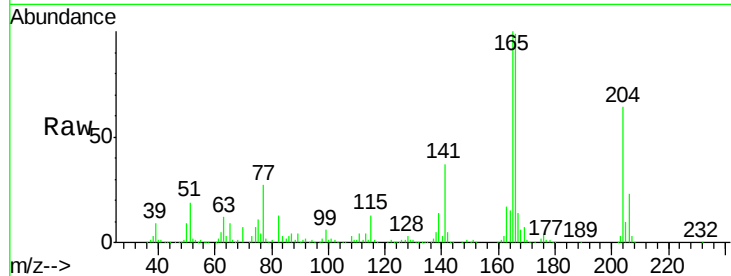
#61
4-Chlorophenyl-phenylether
Concen: 42.576 ng
RT: 15.61 min Scan# 2131
Delta R.T. -0.03 min
Lab File: BG044197.D
Acq: 25 Jan 2020 1:50

Instrument :
BNA_G
ClientSampleId :
PB126331BS

Tot Ion	Ratio	Resp	Lower	Upper
204	100	375645		
206	35.4	28.2	42.2	
141	57.3	48.2	72.2	

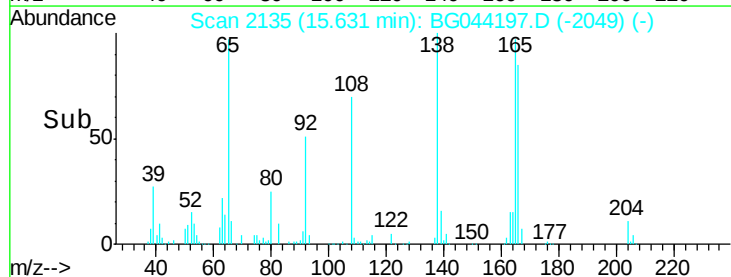
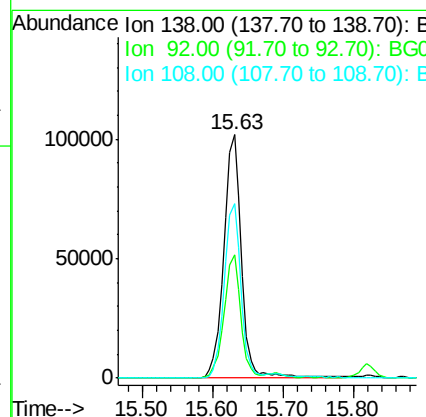
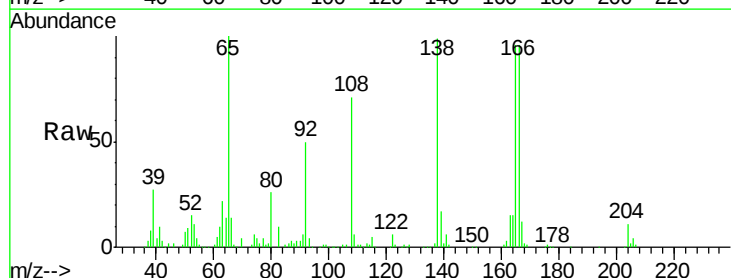
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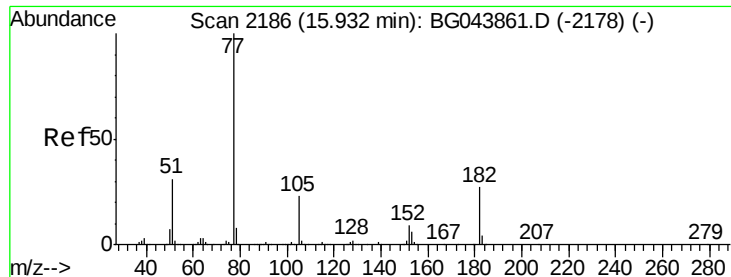
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#62
4-Nitroaniline
Concen: 38.619 ng
RT: 15.63 min Scan# 2135
Delta R.T. -0.02 min
Lab File: BG044197.D
Acq: 25 Jan 2020 1:50

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	177233		
92	50.8	34.3	74.3	
108	71.4	55.0	95.0	





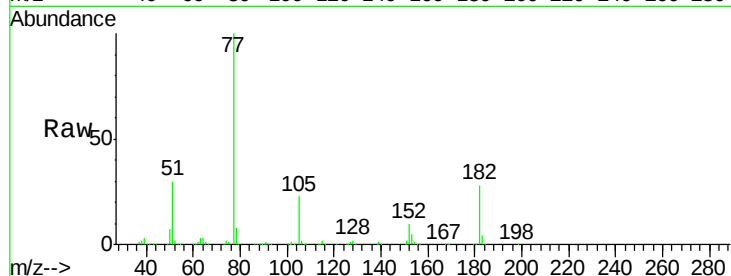
#63
Azobenzene
Concen: 43.490 ng
RT: 15.90 min Scan# 2181
Delta R.T. -0.03 min
Lab File: BG044197.D
Acq: 25 Jan 2020 1:50

Instrument :
BNA_G
ClientSampleId :
PB126331BS

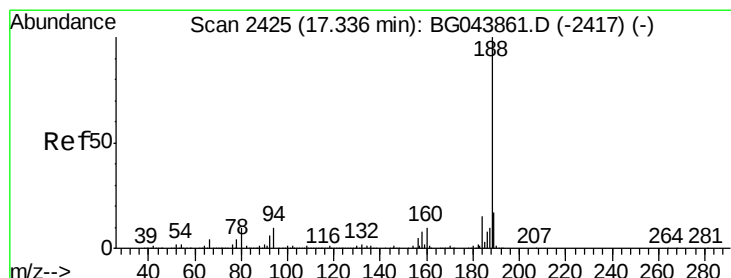
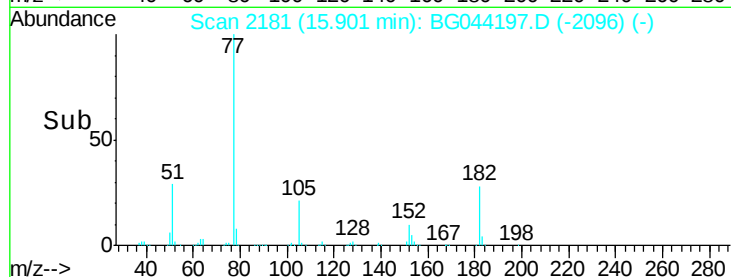
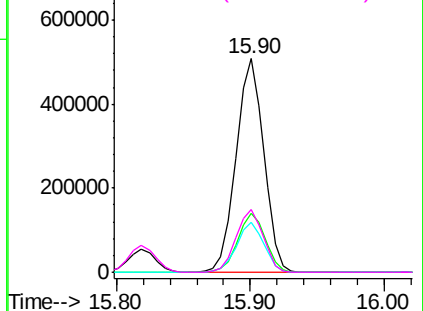
Tot Ion	Ratio	Resp	Lower	Upper
77	100			
182	27.6	7.3	47.3	
105	23.2	3.2	43.2	
51	29.6	10.6	50.6	

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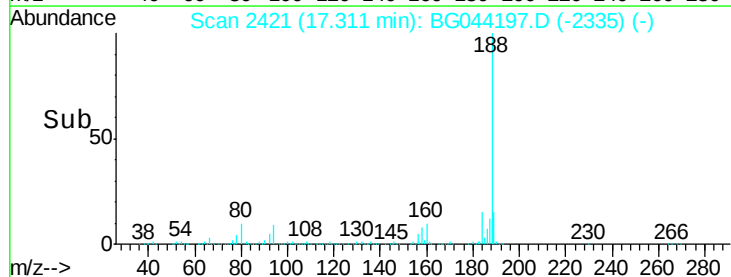
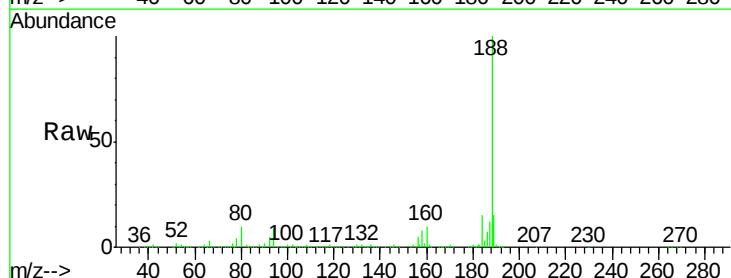
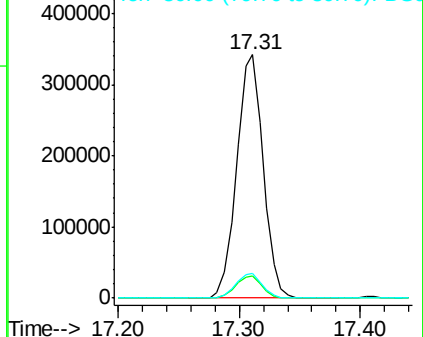
Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

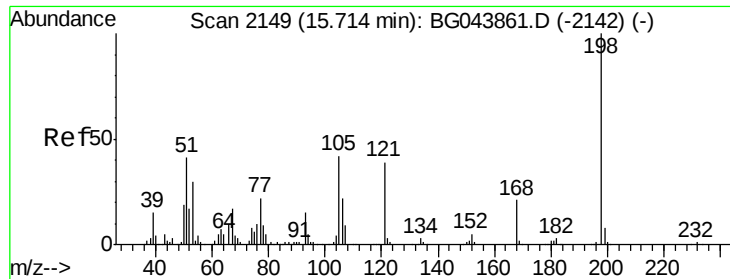


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.31 min Scan# 2421
Delta R.T. -0.02 min
Lab File: BG044197.D
Acq: 25 Jan 2020 1:50

Tgt Ion	Ratio	Resp	Lower	Upper
188	100			
94	9.0	7.9	11.9	
80	10.0	8.2	12.4	

Abundance Ion 188.00 (187.70 to 188.70): BGC
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC





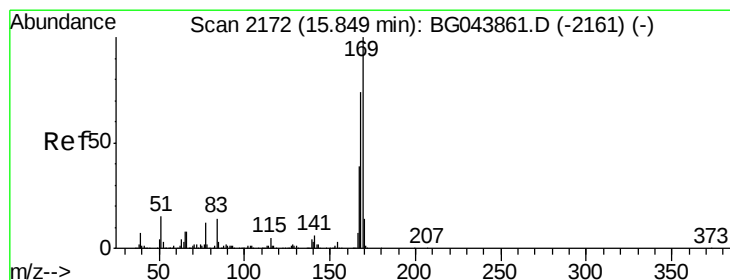
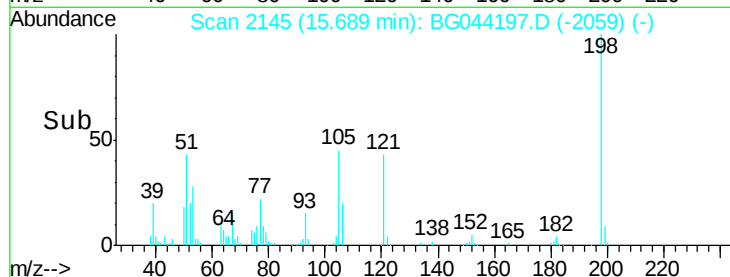
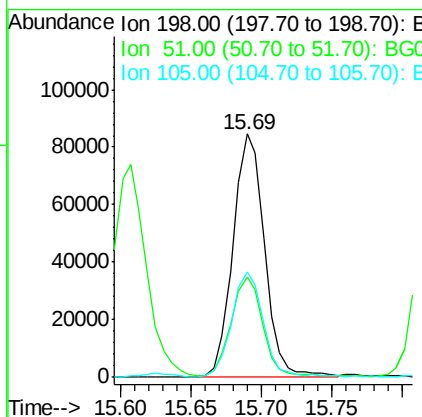
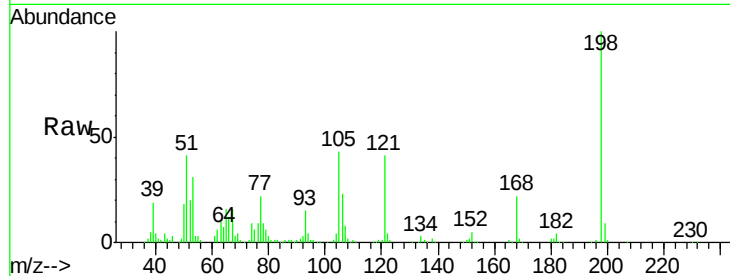
#65
 4,6-Dinitro-2-methylphenol
 Concen: 48.945 ng
 RT: 15.69 min Scan# 2145
 Delta R.T. -0.02 min
 Lab File: BG044197.D
 Acq: 25 Jan 2020 1:50

Instrument :
 BNA_G
 ClientSampleId :
 PB126331BS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	131899		
51	41.3		22.5	62.5
105	43.1		22.3	62.3

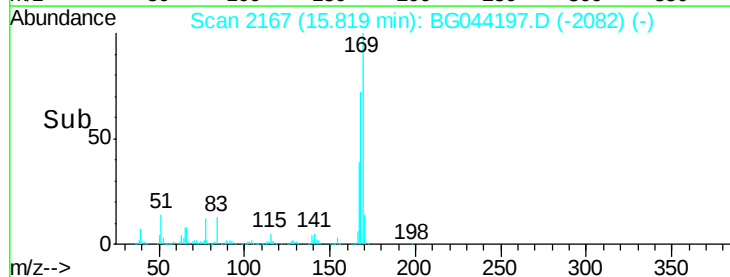
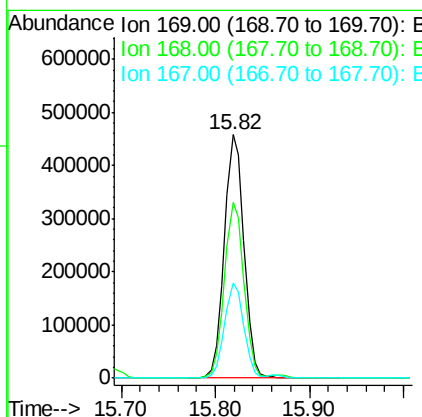
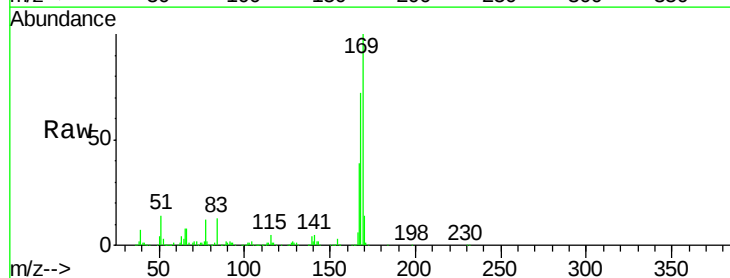
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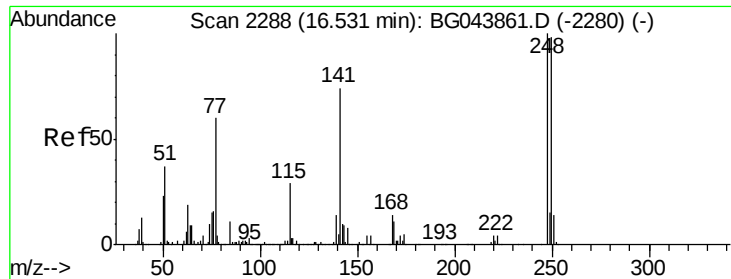
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#66
 n-Nitrosodiphenylamine
 Concen: 43.306 ng
 RT: 15.82 min Scan# 2167
 Delta R.T. -0.03 min
 Lab File: BG044197.D
 Acq: 25 Jan 2020 1:50

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	665731		
168	72.4		59.0	88.6
167	38.9		31.4	47.0





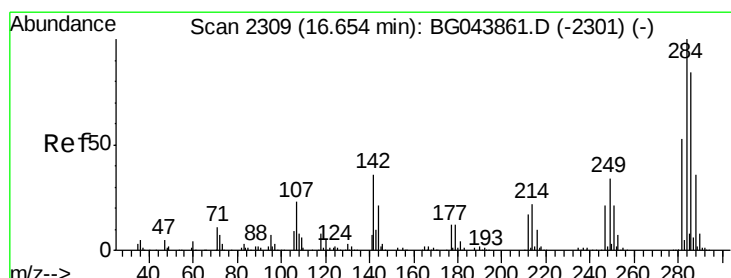
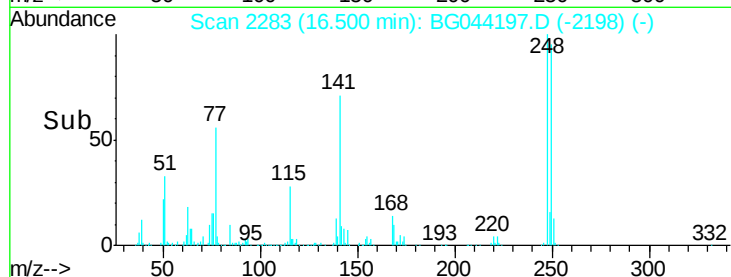
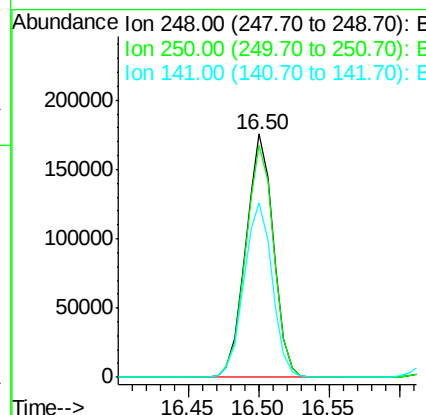
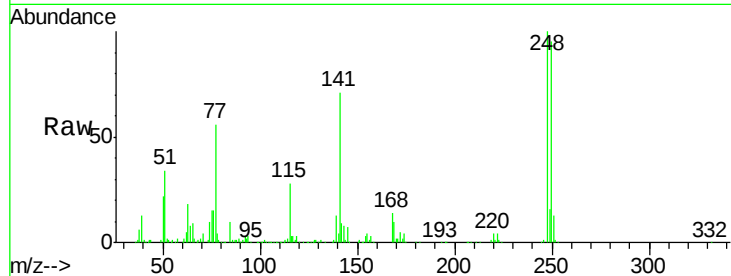
#67
4-Bromophenyl-phenylether
Concen: 40.801 ng
RT: 16.50 min Scan# 2283
Delta R.T. -0.03 min
Lab File: BG044197.D
Acq: 25 Jan 2020 1:50

Instrument :
BNA_G
ClientSampleId :
PB126331BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	95.3	78.2	117.2
141	71.4	59.3	88.9

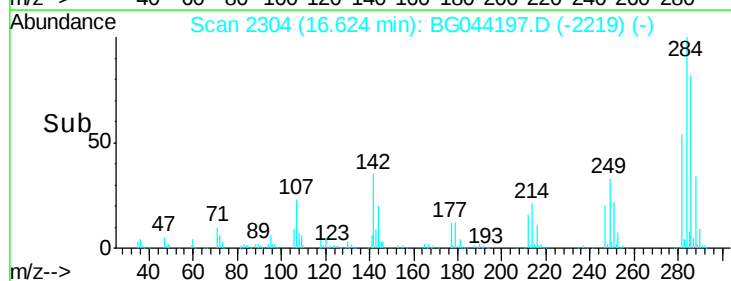
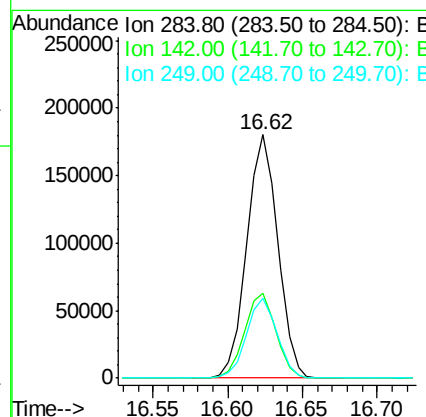
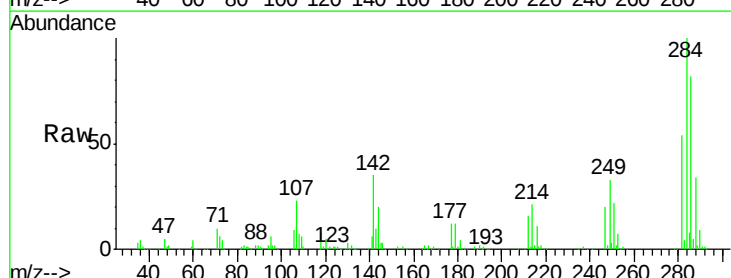
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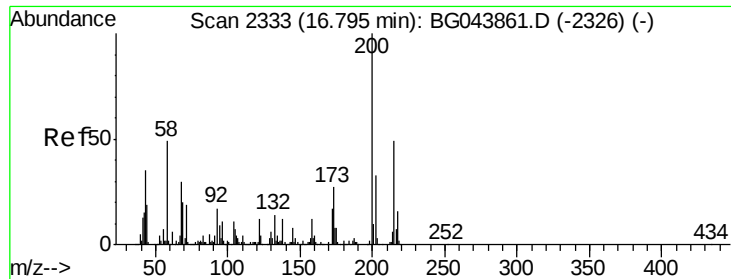
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#68
Hexachlorobenzene
Concen: 40.907 ng
RT: 16.62 min Scan# 2304
Delta R.T. -0.03 min
Lab File: BG044197.D
Acq: 25 Jan 2020 1:50

Tgt Ion	Ratio	Lower	Upper
284	100		
142	34.8	28.6	43.0
249	32.7	27.0	40.6





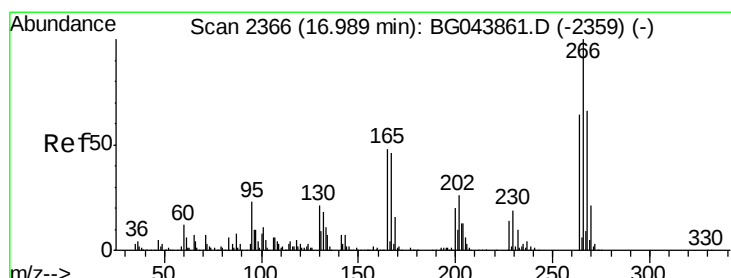
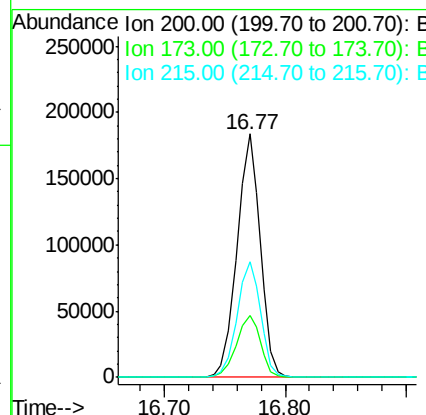
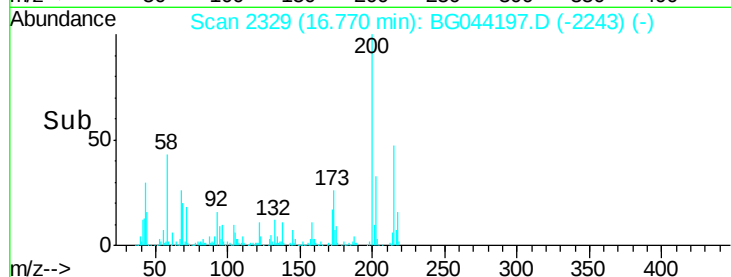
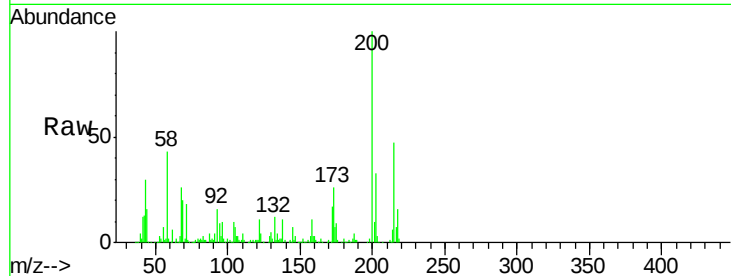
#69
Atrazine
Concen: 49.245 ng
RT: 16.77 min Scan# 2329
Delta R.T. -0.02 min
Lab File: BG044197.D
Acq: 25 Jan 2020 1:50

Instrument :
BNA_G
ClientSampleId :
PB126331BS

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	25.6	6.6	46.6
215	47.4	28.6	68.6

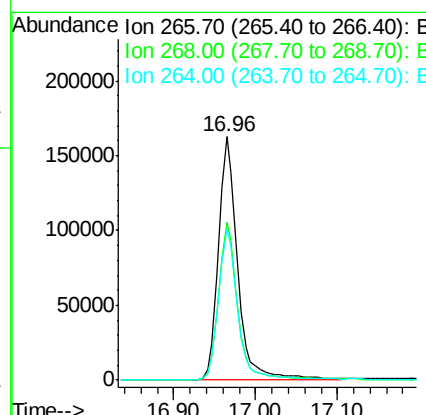
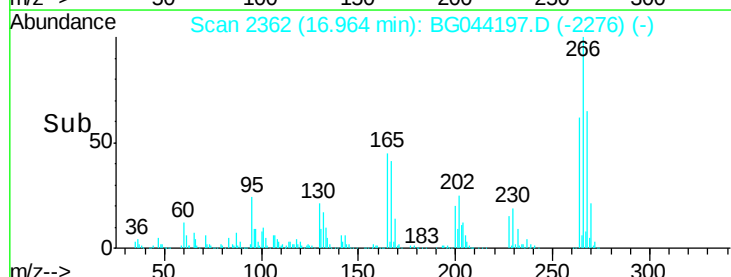
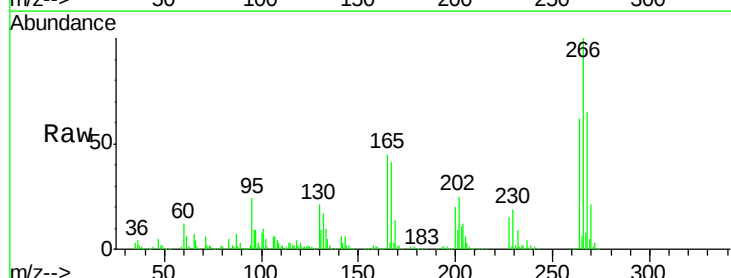
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#70
Pentachlorophenol
Concen: 77.073 ng
RT: 16.96 min Scan# 2362
Delta R.T. -0.02 min
Lab File: BG044197.D
Acq: 25 Jan 2020 1:50

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	64.6	52.6	79.0
264	62.0	50.8	76.2





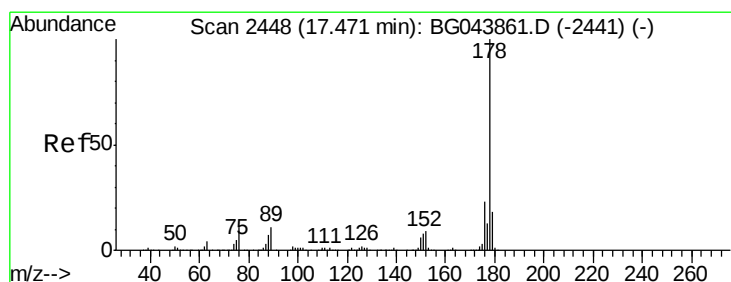
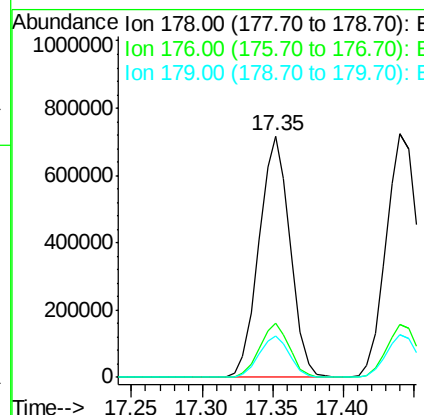
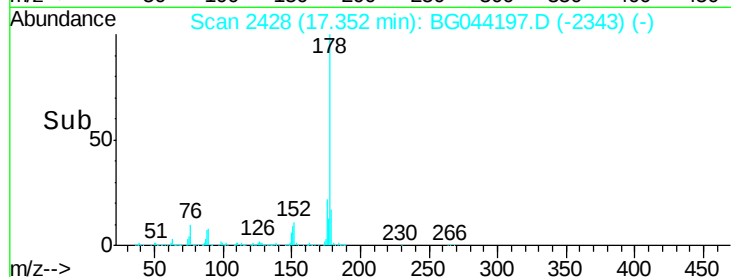
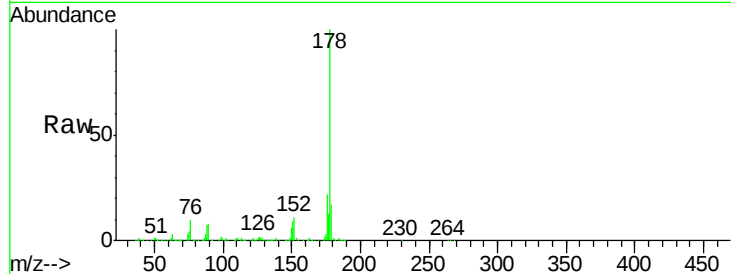
#71
Phenanthrene
Concen: 44.245 ng
RT: 17.35 min Scan# 2428
Delta R.T. -0.03 min
Lab File: BG044197.D
Acq: 25 Jan 2020 1:50

Instrument :
BNA_G
ClientSampleId :
PB126331BS

Tot Ion:178 Resp: 1107838
Ion Ratio Lower Upper
178 100
176 22.2 18.6 28.0
179 17.2 14.4 21.6

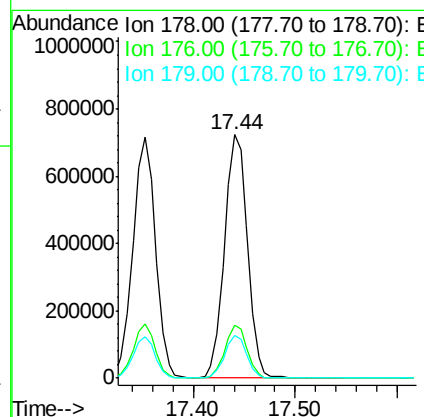
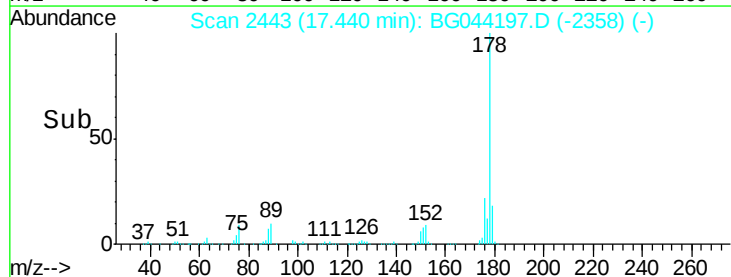
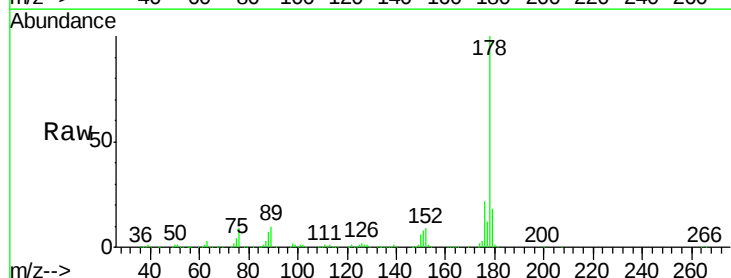
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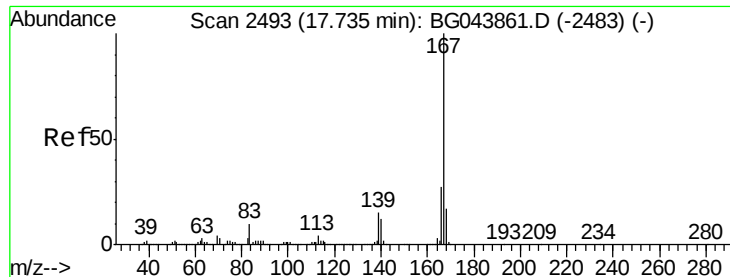
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#72
Anthracene
Concen: 45.901 ng
RT: 17.44 min Scan# 2443
Delta R.T. -0.03 min
Lab File: BG044197.D
Acq: 25 Jan 2020 1:50

Tgt Ion:178 Resp: 1135854
Ion Ratio Lower Upper
178 100
176 21.6 18.3 27.5
179 17.6 14.6 22.0





#73

Carbazole

Concen: 44.130 ng

RT: 17.71 min Scan# 2489

Delta R.T. -0.02 min

Lab File: BG044197.D

Acq: 25 Jan 2020 1:50

Instrument :

BNA_G

ClientSampleId :

PB126331BS

Tot Ion:167 Resp: 1008720

Ion Ratio Lower Upper

167 100

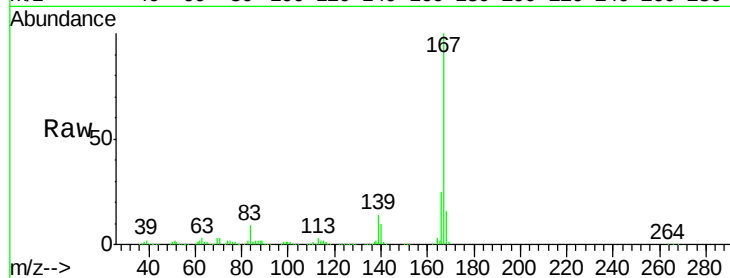
166 25.2 21.6 32.4

139 14.3 12.1 18.1

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Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

17.71

600000

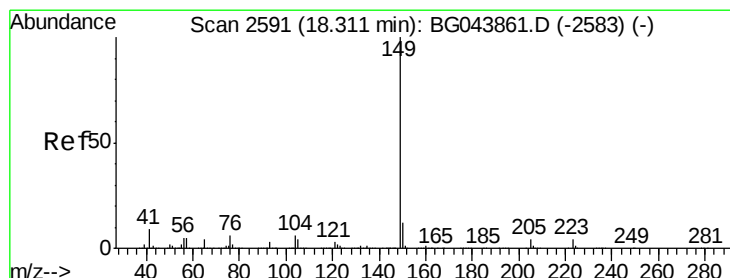
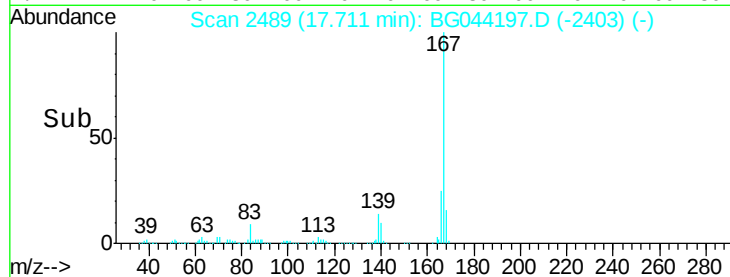
400000

200000

0

17.60 17.70 17.80

Time-->



#74

Di-n-butylphthalate

Concen: 42.816 ng

RT: 18.27 min Scan# 2585

Delta R.T. -0.04 min

Lab File: BG044197.D

Acq: 25 Jan 2020 1:50

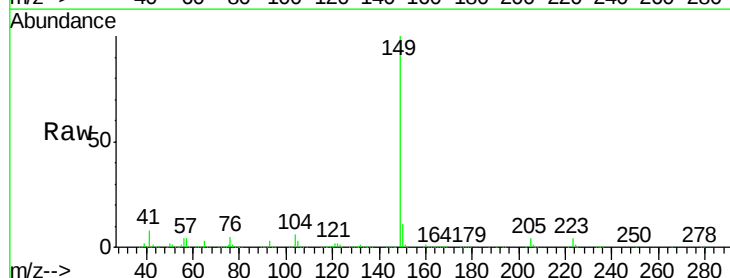
Tgt Ion:149 Resp: 1249547

Ion Ratio Lower Upper

149 100

150 10.8 9.7 14.5

104 5.6 5.0 7.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

18.27

1200000

1000000

800000

600000

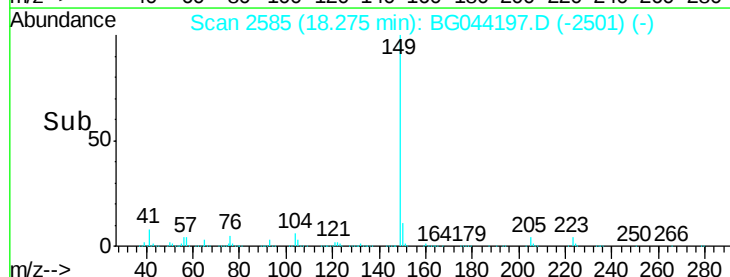
400000

200000

0

18.20 18.30

Time-->





#75

Fluoranthene

Concen: 44.147 ng

RT: 19.36 min Scan# 2770

Delta R.T. -0.02 min

Lab File: BG044197.D

Acq: 25 Jan 2020 1:50

Instrument :

BNA_G

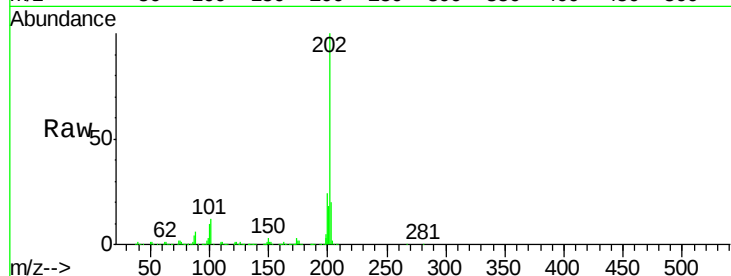
ClientSampled :

PB126331BS

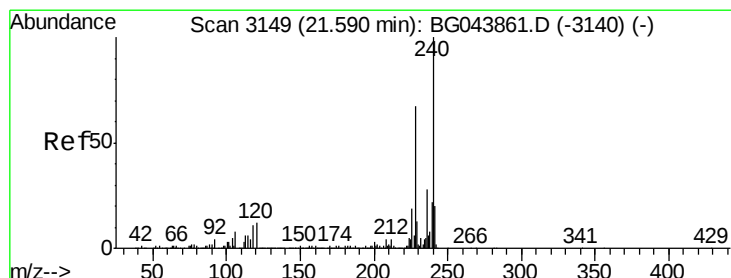
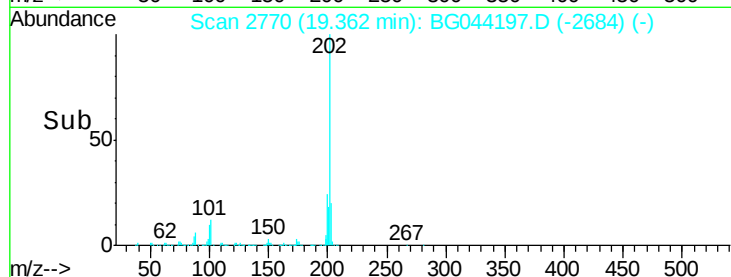
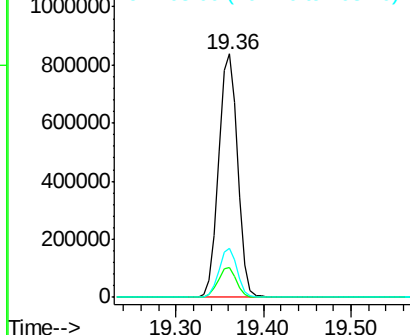
Tot Ion:	202	Resp:	1264160
Ion	Ratio	Lower	Upper
202	100		
101	12.0	0.0	33.3
203	20.1	1.6	41.6

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



#76

Chrysene-d12

Concen: 20.000 ng

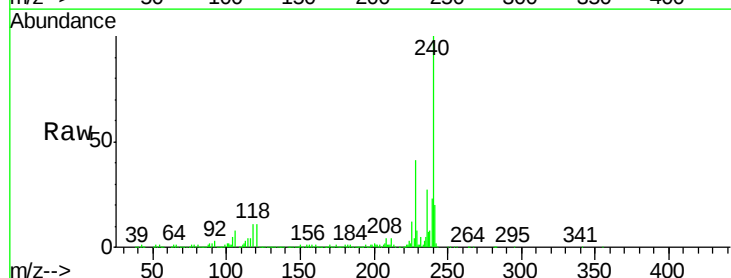
RT: 21.56 min Scan# 3144

Delta R.T. -0.03 min

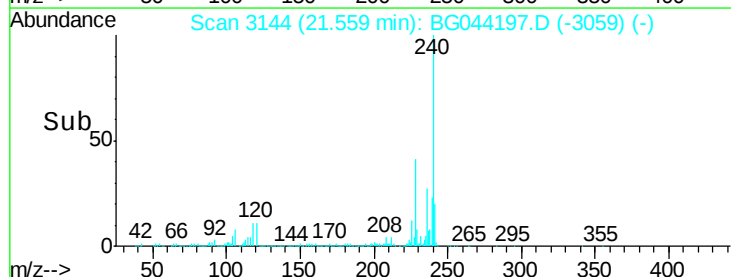
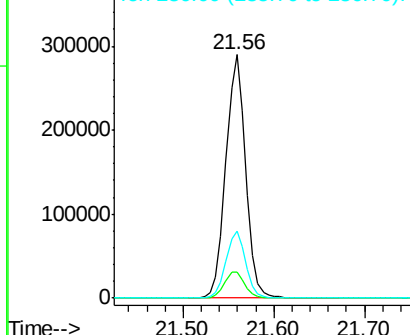
Lab File: BG044197.D

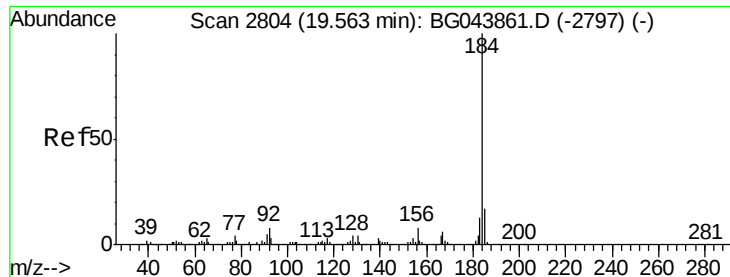
Acq: 25 Jan 2020 1:50

Tgt Ion:	240	Resp:	437667
Ion	Ratio	Lower	Upper
240	100		
120	10.5	9.6	14.4
236	27.3	22.2	33.2



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





#77

Benzidine

Concen: 46.651 ng

RT: 19.54 min Scan# 2800

Delta R.T. -0.02 min

Lab File: BG044197.D

Acq: 25 Jan 2020 1:50

Instrument :

BNA_G

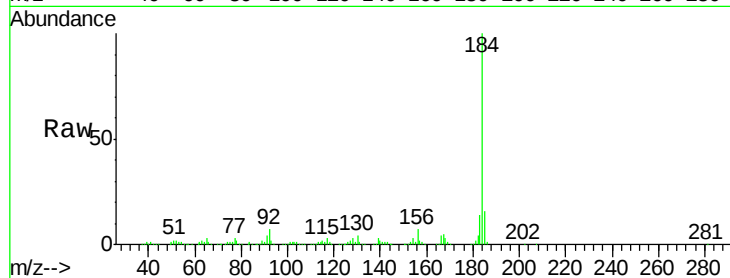
ClientSampleId :

PB126331BS

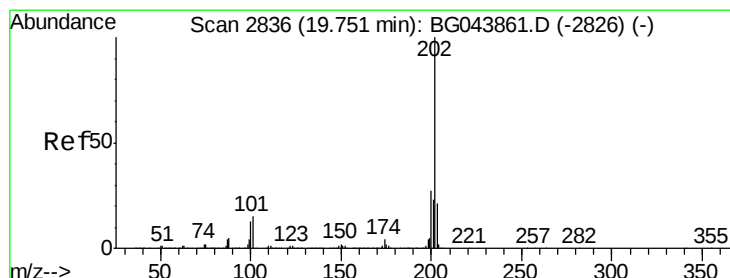
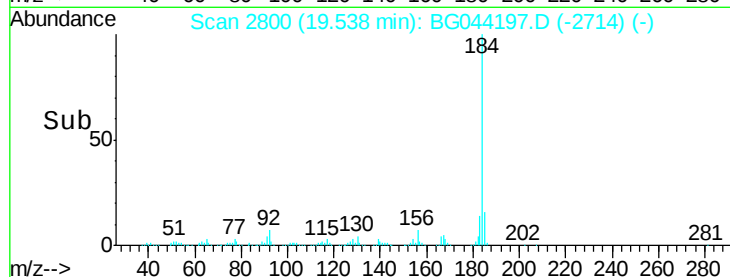
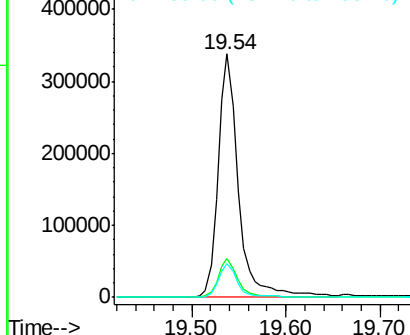
Tot Ion:	184	Resp:	513207
Ion Ratio	Lower	Upper	
184	100		
185	15.8	13.4	20.0
183	13.6	10.6	15.8

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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: 44.467 ng

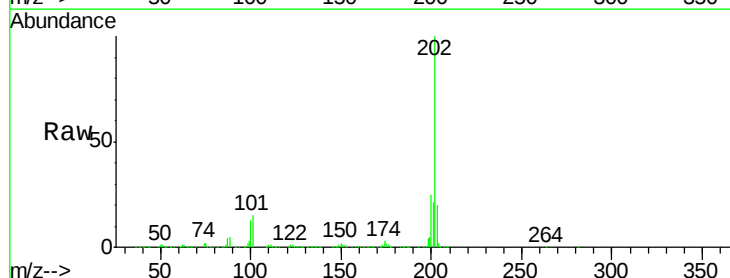
RT: 19.72 min Scan# 2831

Delta R.T. -0.03 min

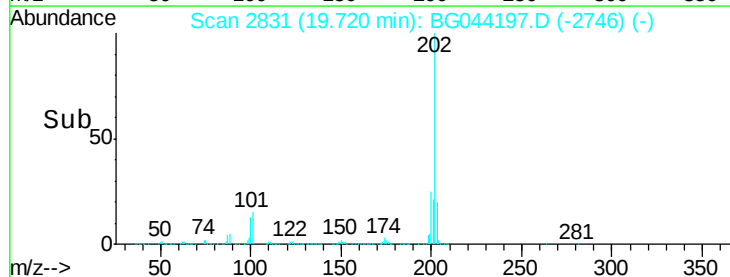
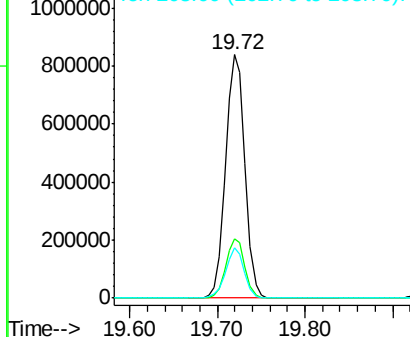
Lab File: BG044197.D

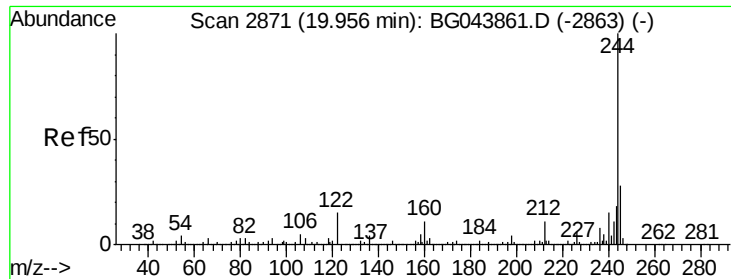
Acq: 25 Jan 2020 1:50

Tgt Ion:	202	Resp:	1270337
Ion Ratio	Lower	Upper	
202	100		
200	24.6	21.7	32.5
203	20.5	17.0	25.6



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





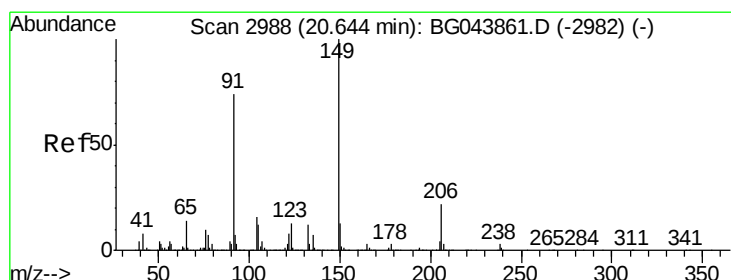
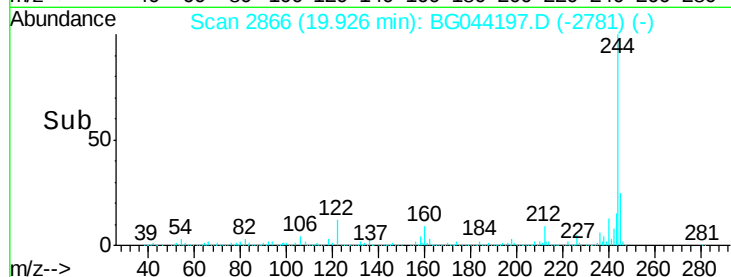
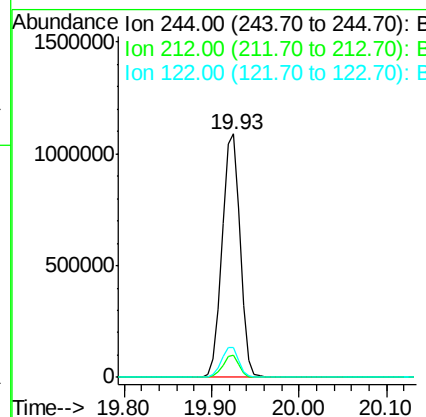
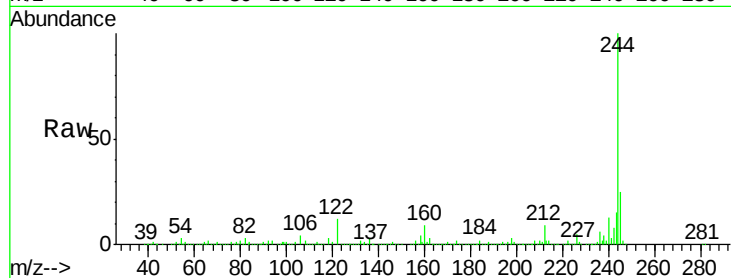
#79
 Terphenyl-d14
 Concen: 86.104 ng
 RT: 19.93 min Scan# 2866
 Delta R.T. -0.03 min
 Lab File: BG044197.D
 Acq: 25 Jan 2020 1:50

Instrument :
 BNA_G
 ClientSampled :
 PB126331BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	9.1	8.6	13.0
122	12.4	11.9	17.9

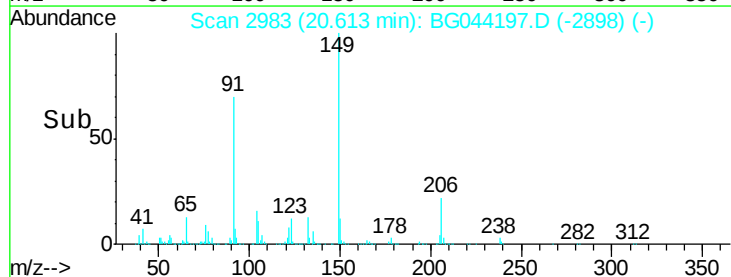
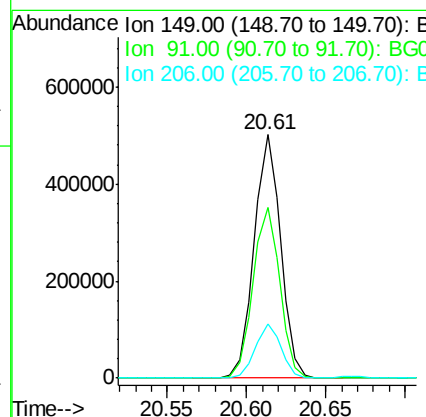
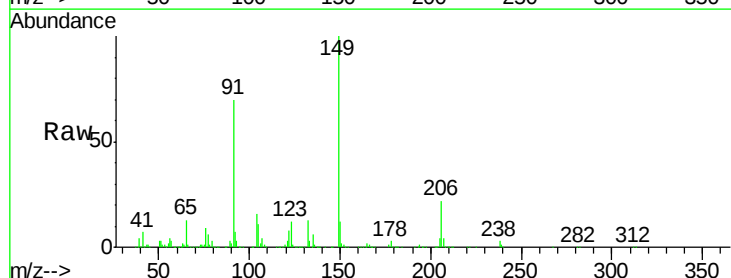
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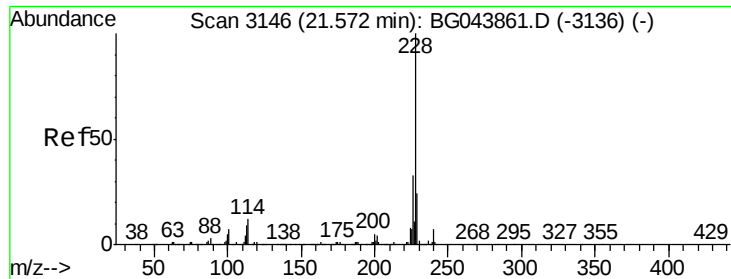
mohammad
 1/28/2020 8:11:41 AM



#80
 Butylbenzylphthalate
 Concen: 42.847 ng
 RT: 20.61 min Scan# 2983
 Delta R.T. -0.03 min
 Lab File: BG044197.D
 Acq: 25 Jan 2020 1:50

Tgt Ion	Ratio	Lower	Upper
149	100		
91	70.3	59.5	89.3
206	22.4	17.8	26.6





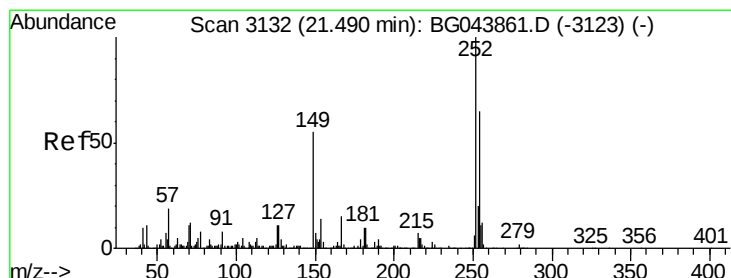
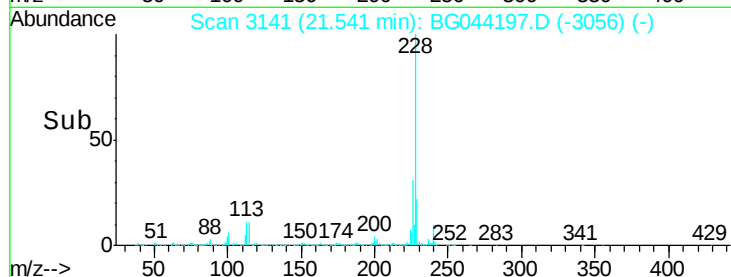
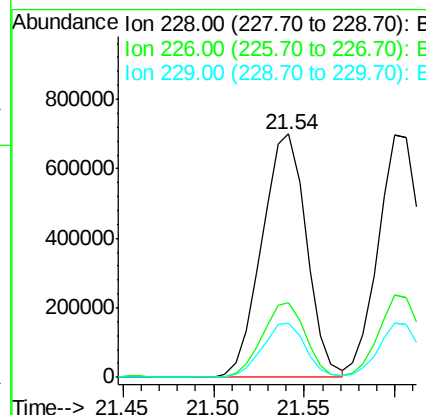
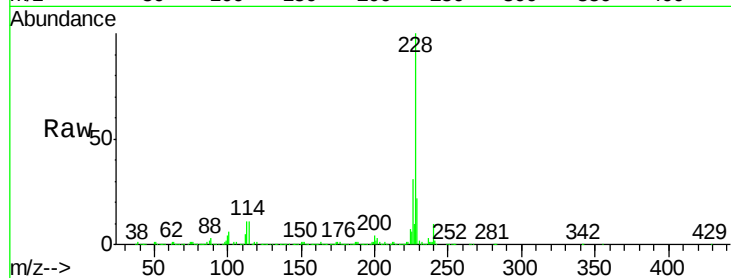
#81
Benzo(a)anthracene
Concen: 44.155 ng
RT: 21.54 min Scan# 3141
Delta R.T. -0.03 min
Lab File: BG044197.D
Acq: 25 Jan 2020 1:50

Instrument :
BNA_G
ClientSampleId :
PB126331BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.6	26.2	39.4
229	22.0	18.9	28.3

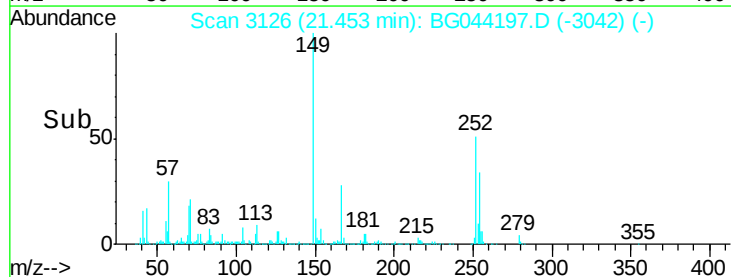
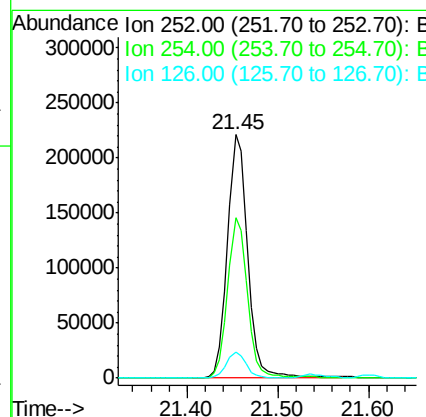
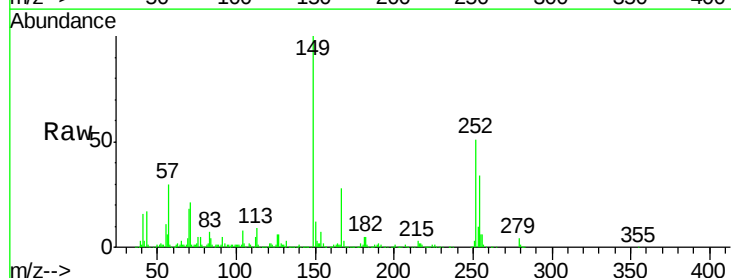
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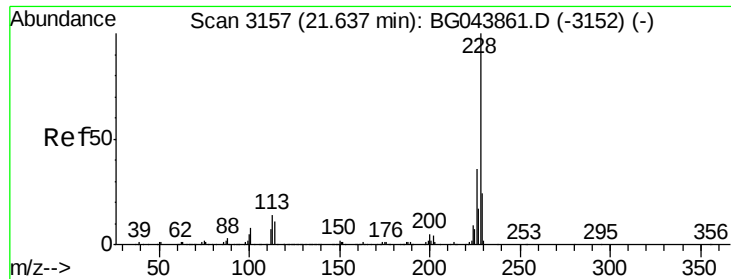
mohammad
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#82
3,3'-Dichlorobenzidine
Concen: 31.896 ng
RT: 21.45 min Scan# 3126
Delta R.T. -0.04 min
Lab File: BG044197.D
Acq: 25 Jan 2020 1:50

Tgt Ion	Ratio	Lower	Upper
252	100		
254	66.1	52.1	78.1
126	10.8	9.1	13.7





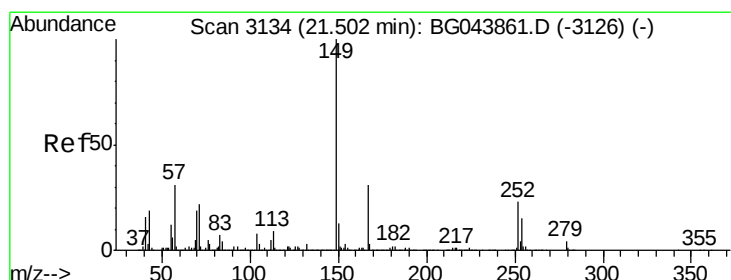
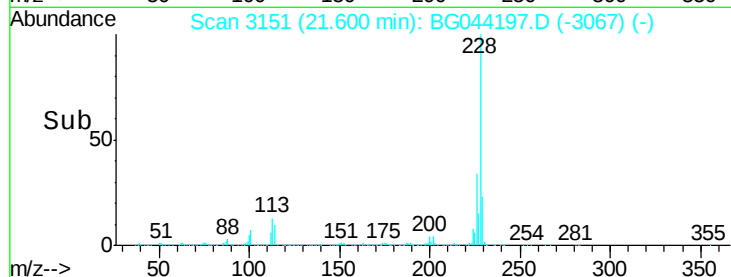
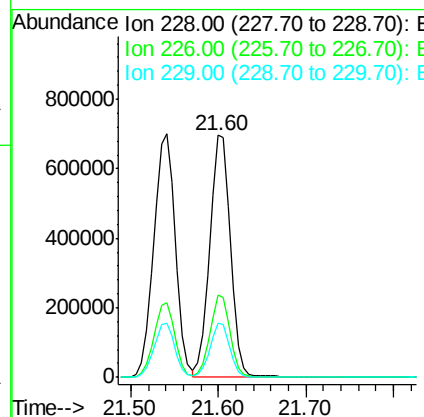
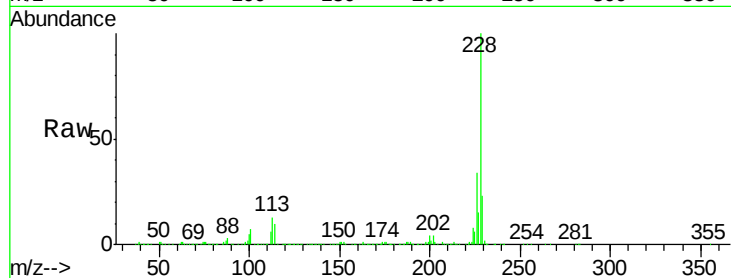
#83
Chrysene
Concen: 44.529 ng
RT: 21.60 min Scan# 3151
Delta R.T. -0.04 min
Lab File: BG044197.D
Acq: 25 Jan 2020 1:50

Instrument :
BNA_G
ClientSampleId :
PB126331BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	33.9	28.8	43.2
229	22.5	19.0	28.6

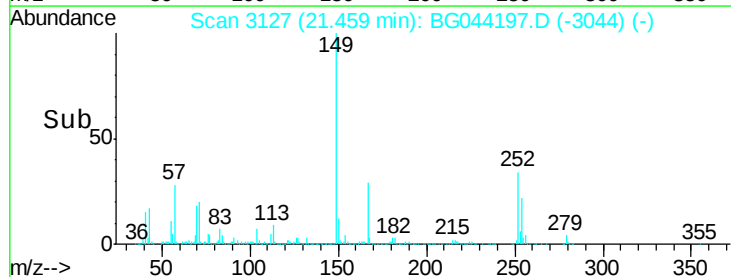
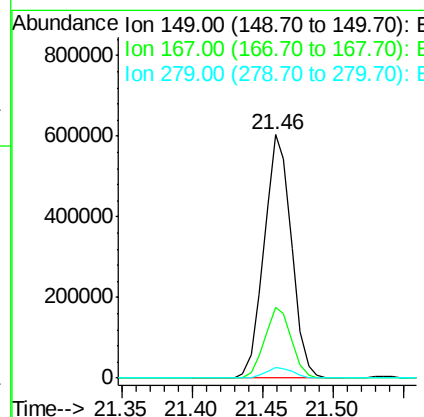
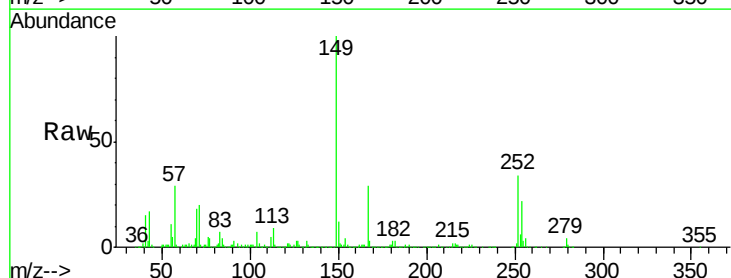
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#84
Bis(2-ethylhexyl)phthalate
Concen: 43.848 ng
RT: 21.46 min Scan# 3127
Delta R.T. -0.04 min
Lab File: BG044197.D
Acq: 25 Jan 2020 1:50

Tgt Ion	Ratio	Lower	Upper
149	100		
167	29.0	24.7	37.1
279	4.2	3.3	4.9





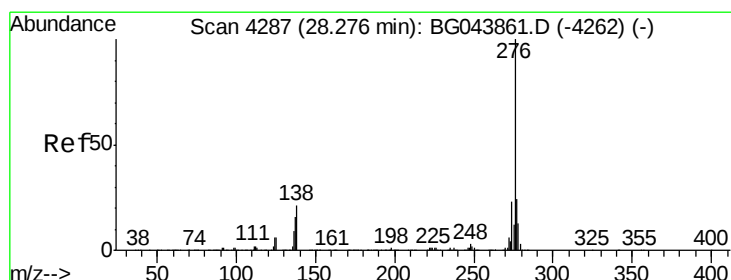
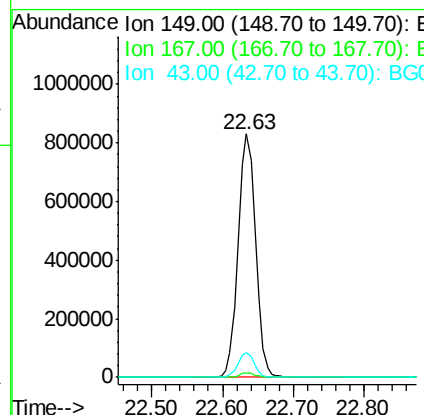
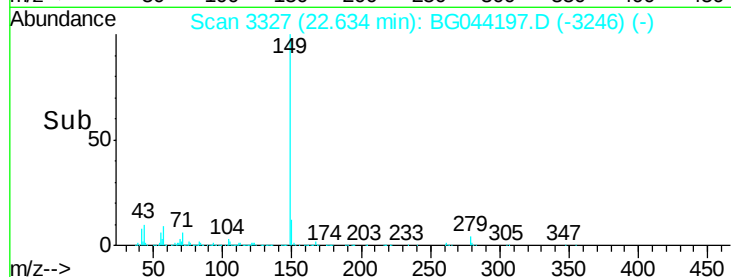
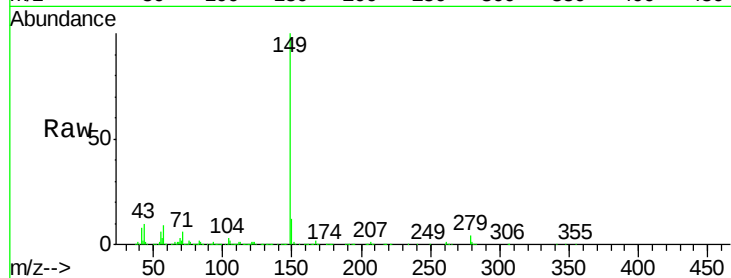
#85
Di-n-octyl phthalate
Concen: 45.437 ng
RT: 22.63 min Scan# 3327
Delta R.T. -0.05 min
Lab File: BG044197.D
Acq: 25 Jan 2020 1:50

Instrument :
BNA_G
ClientSampleId :
PB126331BS

Tot Ion:149 Resp: 1433551
Ion Ratio Lower Upper
149 100
167 1.7 1.4 2.0
43 9.8 8.8 13.2

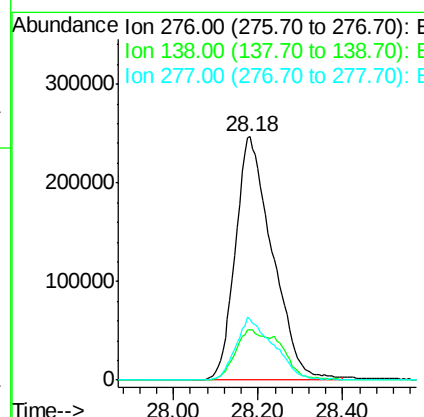
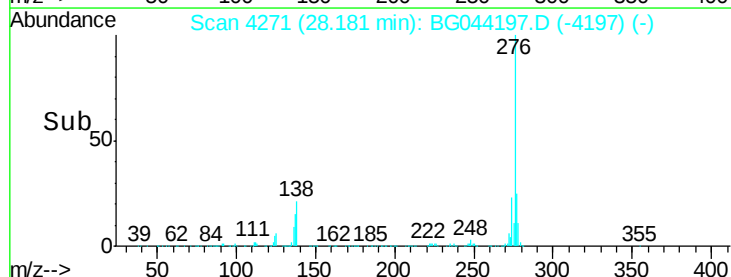
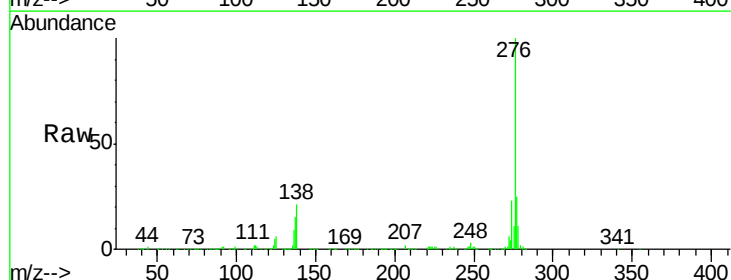
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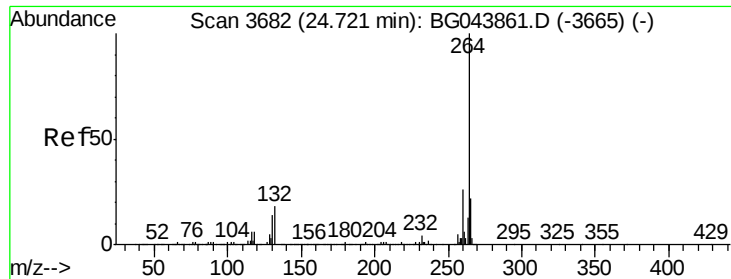
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#86
Indeno(1,2,3-cd)pyrene
Concen: 42.665 ng
RT: 28.18 min Scan# 4271
Delta R.T. -0.10 min
Lab File: BG044197.D
Acq: 25 Jan 2020 1:50

Tgt Ion:276 Resp: 1495180
Ion Ratio Lower Upper
276 100
138 17.3 21.0 31.4#
277 26.1 21.1 31.7





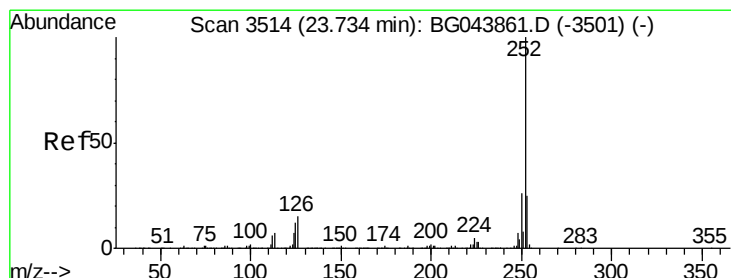
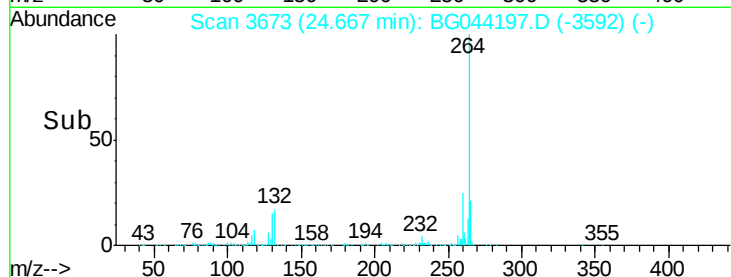
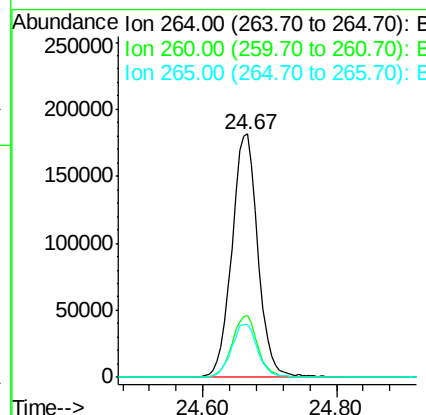
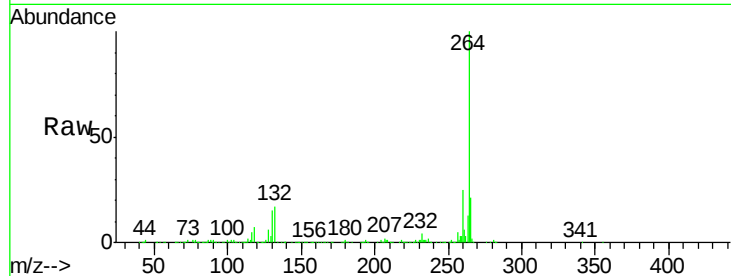
#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.67 min Scan# 3673
Delta R.T. -0.05 min
Lab File: BG044197.D
Acq: 25 Jan 2020 1:50

Instrument :
BNA_G
ClientSampleId :
PB126331BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.4	20.4	30.6
265	21.5	17.4	26.2

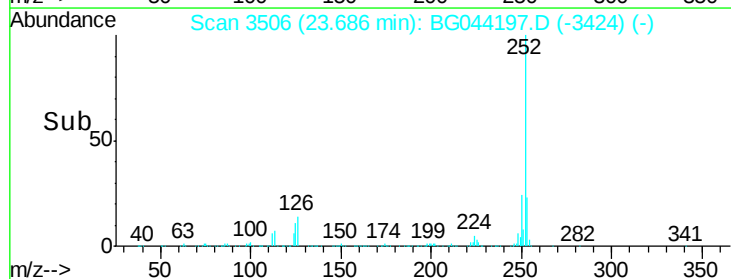
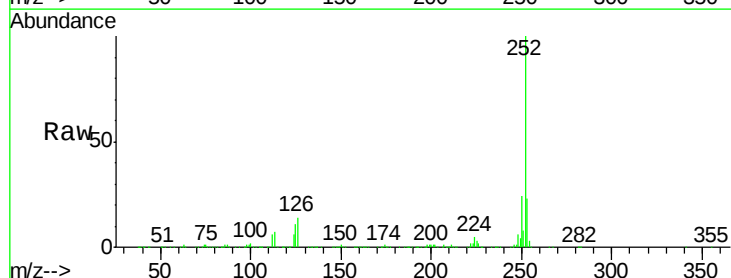
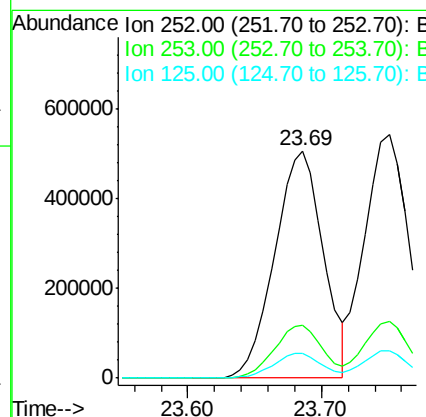
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#88
Benzo(b)fluoranthene
Concen: 43.424 ng
RT: 23.69 min Scan# 3506
Delta R.T. -0.05 min
Lab File: BG044197.D
Acq: 25 Jan 2020 1:50

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	19.7	29.5
125	10.7	9.4	14.2





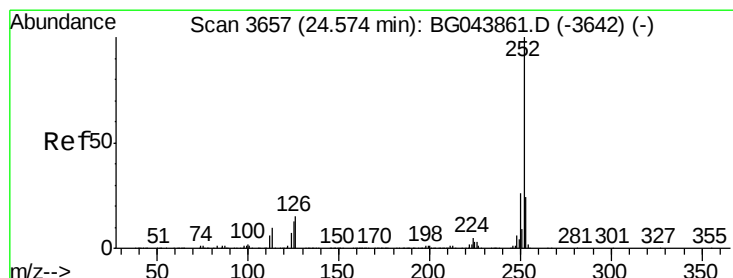
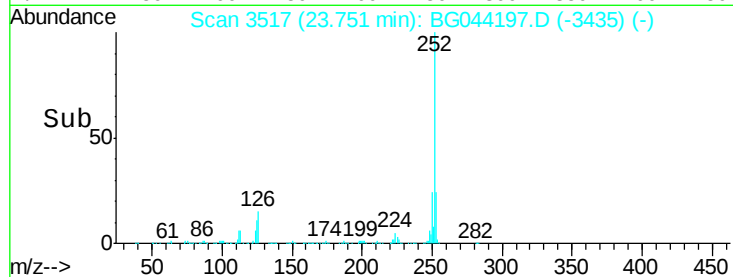
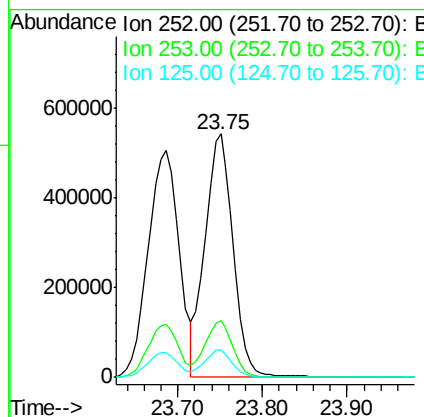
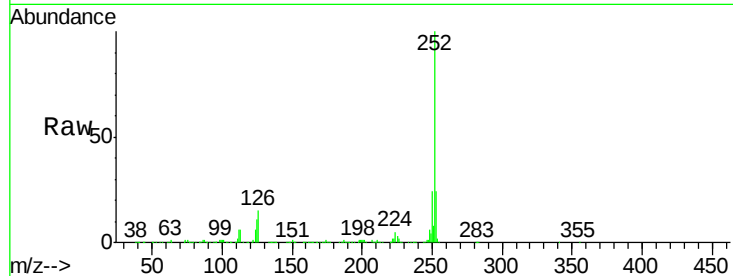
#89
Benzo(k)fluoranthene
Concen: 44.726 ng
RT: 23.75 min Scan# 3517
Delta R.T. -0.05 min
Lab File: BG044197.D
Acq: 25 Jan 2020 1:50

Instrument :
BNA_G
ClientSampleId :
PB126331BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.6	19.4	29.2
125	11.0	9.9	14.9

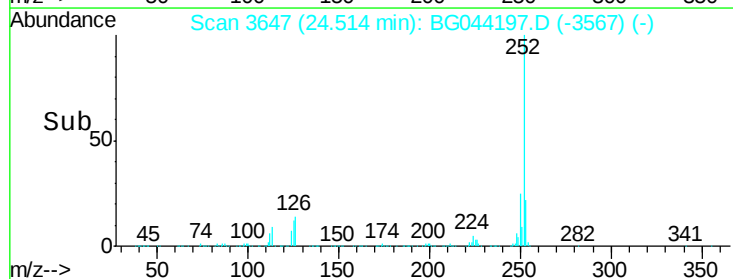
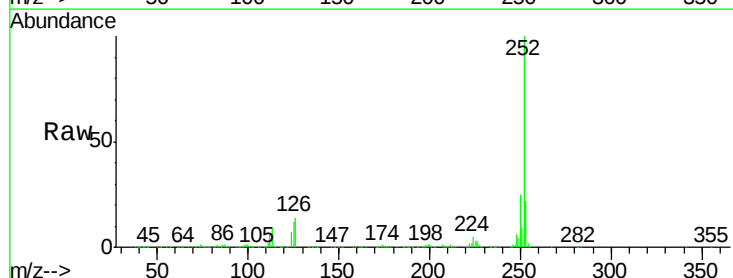
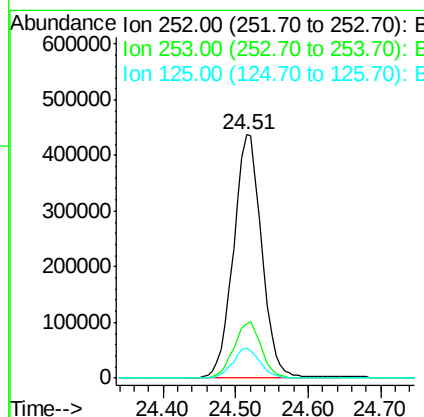
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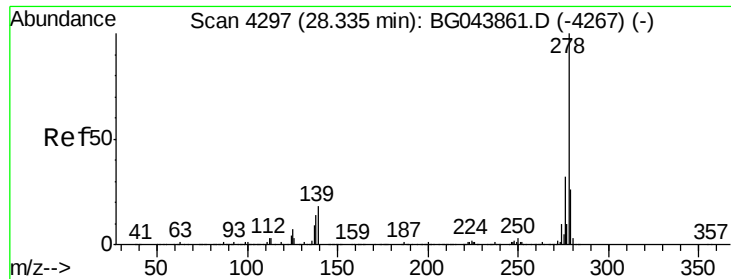
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#90
Benzo(a)pyrene
Concen: 42.688 ng
RT: 24.51 min Scan# 3647
Delta R.T. -0.06 min
Lab File: BG044197.D
Acq: 25 Jan 2020 1:50

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	19.3	28.9
125	12.1	10.4	15.6





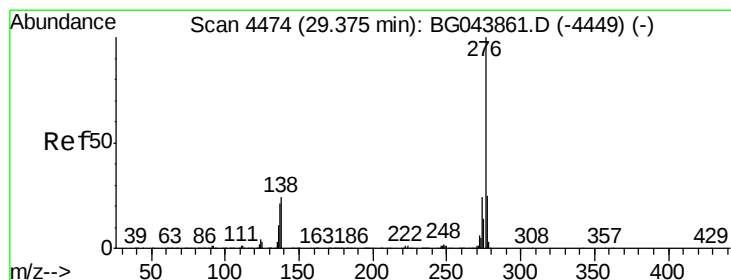
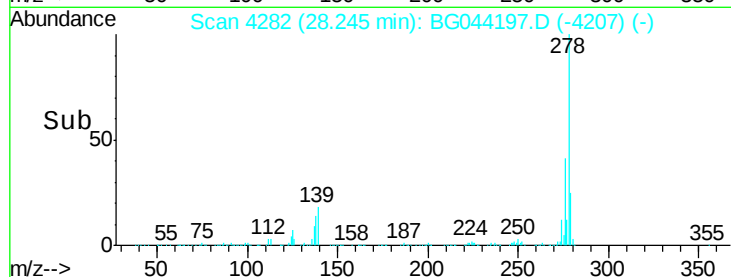
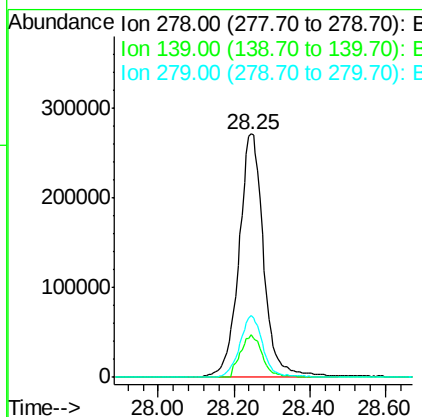
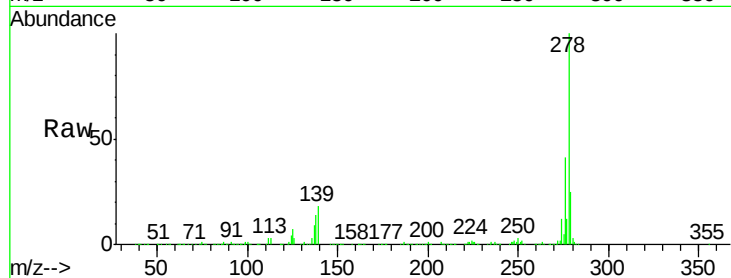
#91
Dibenzo(a,h)anthracene
Concen: 44.215 ng
RT: 28.25 min Scan# 4282
Delta R.T. -0.09 min
Lab File: BG044197.D
Acq: 25 Jan 2020 1:50

Instrument :
BNA_G
ClientSampleId :
PB126331BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	17.7	14.2	21.4
279	25.4	20.6	30.8

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#92
Benzo(g,h,i)perylene
Concen: 45.383 ng
RT: 29.28 min Scan# 4458
Delta R.T. -0.10 min
Lab File: BG044197.D
Acq: 25 Jan 2020 1:50

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.8	20.2	30.4
138	22.1	19.0	28.6

