

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012720\
 Data File : BG044215.D
 Acq On : 27 Jan 2020 14:53
 Operator : CG/JU
 Sample : PB126367BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB126367BS

Manual Integrations
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 1/28/2020 1:12:36 PM

Quant Time: Jan 28 01:01:39 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	86162	20.00	ng	-0.03
21) Naphthalene-d8	10.73	136	386084	20.00	ng	-0.04
39) Acenaphthene-d10	14.57	164	257426	20.00	ng	-0.03
64) Phenanthrene-d10	17.31	188	515108	20.00	ng	-0.02
76) Chrysene-d12	21.57	240	445311	20.00	ng	-0.02
87) Perylene-d12	24.67	264	494270	20.00	ng	-0.05

System Monitoring Compounds

5) 2-Fluorophenol	5.51	112	622699	132.70	ng	-0.03
7) Phenol-d6	7.11	99	834623	127.24	ng	-0.02
23) Nitrobenzene-d5	9.09	82	511784	70.91	ng	-0.03
42) 2,4,6-Tribromophenol	16.06	330	321336	119.28	ng	-0.02
45) 2-Fluorobiphenyl	13.19	172	1200799	84.51	ng	-0.03
79) Terphenyl-d14	19.93	244	1652454	91.18	ng	-0.03

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.39	88	86349	42.202	ng	96
3) Pyridine	3.79	79	207871	34.390	ng	93
4) n-Nitrosodimethylamine	3.70	42	104254	38.740	ng	# 94
6) Aniline	7.25	93	266231	30.901	ng	97
8) 2-Chlorophenol	7.50	128	269556	48.930	ng	96
9) Benzaldehyde	7.07	77	130135	30.998	ng	97
10) Phenol	7.13	94	330468	48.898	ng	99
11) bis(2-Chloroethyl)ether	7.35	93	245983	42.166	ng	95
12) 1,3-Dichlorobenzene	7.82	146	271874	42.173	ng	99
13) 1,4-Dichlorobenzene	7.97	146	271438	42.673	ng	97
14) 1,2-Dichlorobenzene	8.29	146	260972	42.745	ng	98
15) Benzyl Alcohol	8.17	79	221977	42.879	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.46	45	324476	35.951	ng	98
17) 2-Methylphenol	8.38	107	233068	47.655	ng	98
18) Hexachloroethane	9.02	117	101002	40.808	ng	96
19) n-Nitroso-di-n-propylamine	8.74	70	195336	39.988	ng	97
20) 3+4-Methylphenols	8.71	107	320414	46.963	ng	98
22) Acetophenone	8.75	105	368732	38.416	ng	# 97
24) Nitrobenzene	9.13	77	277141	38.772	ng	98
25) Isophorone	9.66	82	535292	39.534	ng	98
26) 2-Nitrophenol	9.84	139	151719	44.863	ng	96
27) 2,4-Dimethylphenol	9.91	122	261299	51.329	ng	97
28) bis(2-Chloroethoxy)methane	10.14	93	348938	38.656	ng	100
29) 2,4-Dichlorophenol	10.38	162	273044	44.966	ng	98
30) 1,2,4-Trichlorobenzene	10.60	180	276189	40.565	ng	98
31) Naphthalene	10.78	128	804561	43.063	ng	99
32) Benzoic acid	10.06	122	101921	27.640	ng	92
33) 4-Chloroaniline	10.89	127	218349	24.503	ng	98
34) Hexachlorobutadiene	11.08	225	160052	38.502	ng	96
35) Caprolactam	11.65	113	95625m	42.302	ng	
36) 4-Chloro-3-methylphenol	12.02	107	286079	44.255	ng	99
37) 2-Methylnaphthalene	12.39	142	614918	43.717	ng	97
38) 1-Methylnaphthalene	12.61	142	579611	43.478	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.76	216	298392	39.547	ng	100

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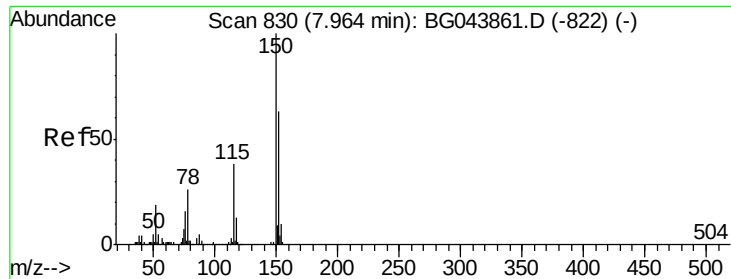
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.75	237	365657	93.478	ng	99
43) 2,4,6-Trichlorophenol	13.01	196	219284	42.238	ng	97
44) 2,4,5-Trichlorophenol	13.08	196	229006	42.768	ng	97
46) 1,1'-Biphenyl	13.40	154	773487	41.907	ng	99
47) 2-Chloronaphthalene	13.45	162	607706	40.746	ng	98
48) 2-Nitroaniline	13.64	65	173921	36.252	ng	97
49) Acenaphthylene	14.29	152	951712	44.397	ng	98
50) Dimethylphthalate	14.02	163	753691	41.234	ng	99
51) 2,6-Dinitrotoluene	14.14	165	169190	40.953	ng	93
52) Acenaphthene	14.63	154	594099	39.519	ng	96
53) 3-Nitroaniline	14.47	138	133707	28.500	ng	97
54) 2,4-Dinitrophenol	14.68	184	149306	71.560	ng	90
55) Dibenzofuran	14.97	168	907482	43.851	ng	97
56) 4-Nitrophenol	14.79	139	290953	80.931	ng	93
57) 2,4-Dinitrotoluene	14.93	165	233588	41.553	ng	97
58) Fluorene	15.62	166	702556	42.832	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.20	232	196084	42.587	ng	95
60) Diethylphthalate	15.39	149	748009	40.915	ng	98
61) 4-Chlorophenyl-phenylether	15.61	204	374152	42.008	ng	97
62) 4-Nitroaniline	15.63	138	164197	35.441	ng	93
63) Azobenzene	15.90	77	679975	40.106	ng	98
65) 4,6-Dinitro-2-methylphenol	15.70	198	127355	47.988	ng	93
66) n-Nitrosodiphenylamine	15.83	169	651140	42.925	ng	98
67) 4-Bromophenyl-phenylether	16.51	248	240970	41.594	ng	94
68) Hexachlorobenzene	16.63	284	259427	41.558	ng	94
69) Atrazine	16.77	200	232946	47.243	ng	99
70) Pentachlorophenol	16.97	266	260523	75.707	ng	98
71) Phenanthrene	17.36	178	1064344	43.078	ng	97
72) Anthracene	17.45	178	1088624	44.583	ng	97
73) Carbazole	17.71	167	966757	42.862	ng	96
74) Di-n-butylphthalate	18.28	149	1189886	41.319	ng	97
75) Fluoranthene	19.36	202	1230067	43.533	ng	96
77) Benzidine	19.54	184	372306	33.262	ng	98
78) Pyrene	19.73	202	1237458	42.572	ng	96
80) Butylbenzylphthalate	20.62	149	552493	39.924	ng	94
81) Benzo(a)anthracene	21.54	228	1186513	42.970	ng	97
82) 3,3'-Dichlorobenzidine	21.46	252	359632	32.967	ng	98
83) Chrysene	21.61	228	1131273	43.117	ng	95
84) Bis(2-ethylhexyl)phthalate	21.47	149	778501	40.771	ng	97
85) Di-n-octyl phthalate	22.64	149	1361064	42.399	ng	95
86) Indeno(1,2,3-cd)pyrene	28.20	276	1478070	41.453	ng	98
88) Benzo(b)fluoranthene	23.69	252	1249339	42.756	ng	96
89) Benzo(k)fluoranthene	23.76	252	1243744	44.761	ng	97
90) Benzo(a)pyrene	24.53	252	1158001	41.989	ng	97
91) Dibenzo(a,h)anthracene	28.26	278	1211706	43.749	ng	96
92) Benzo(g,h,i)perylene	29.30	276	1223914	44.487	ng	97

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



#1

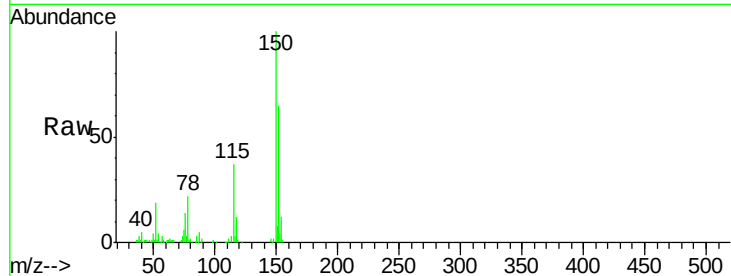
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.93 min Scan# 825
Delta R.T. -0.03 min
Lab File: BG044215.D
Acq: 27 Jan 2020 14:53

Instrument :
BNA_G
ClientSampled :
PB126367BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.1	127.0	190.4
115	56.7	47.8	71.8

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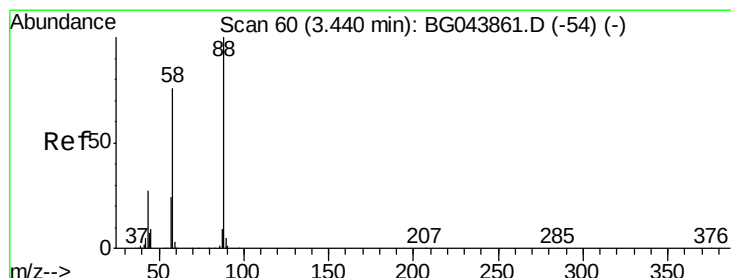
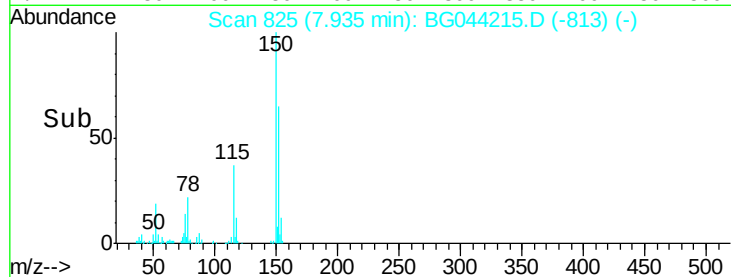
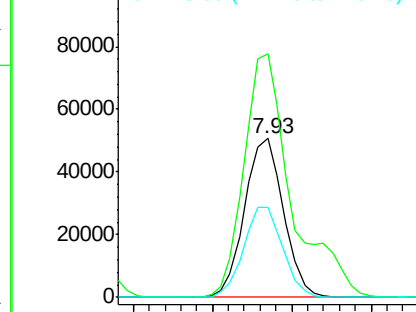


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

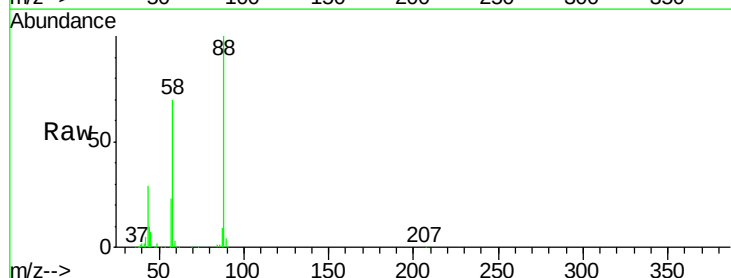
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 42.202 ng
RT: 3.39 min Scan# 52
Delta R.T. -0.05 min
Lab File: BG044215.D
Acq: 27 Jan 2020 14:53

Tgt Ion	Ratio	Lower	Upper
88	100		
58	71.3	59.8	89.8
43	27.4	22.9	34.3

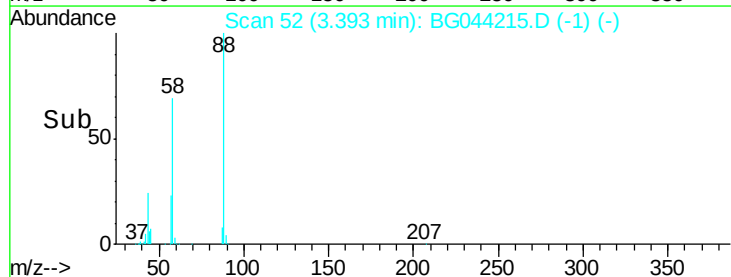
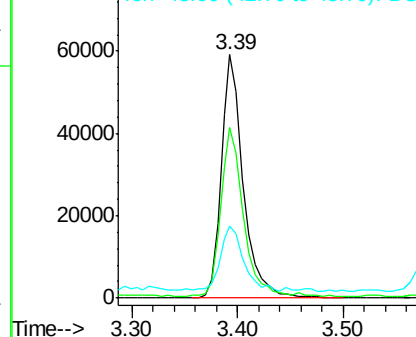


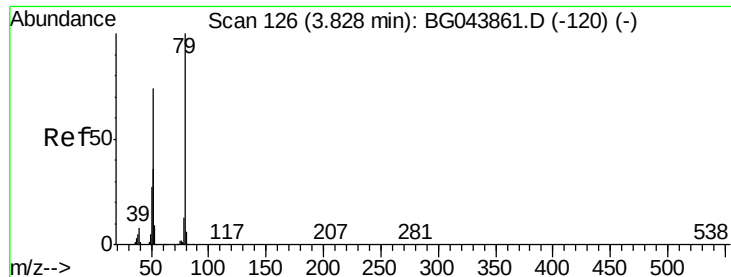
Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 34.390 ng

RT: 3.79 min Scan# 119

Delta R.T. -0.04 min

Lab File: BG044215.D

Acq: 27 Jan 2020 14:53

Instrument :

BNA_G

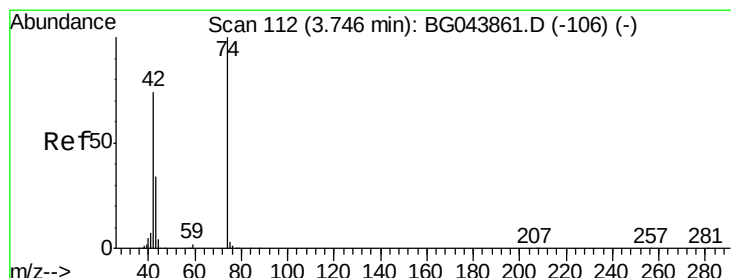
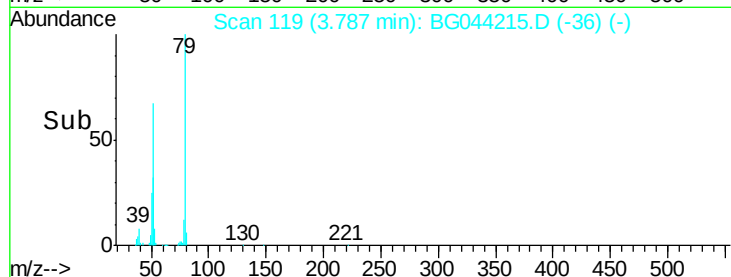
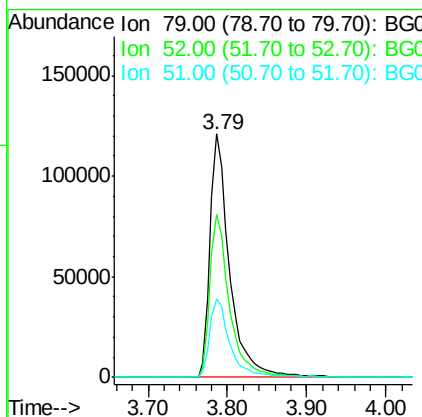
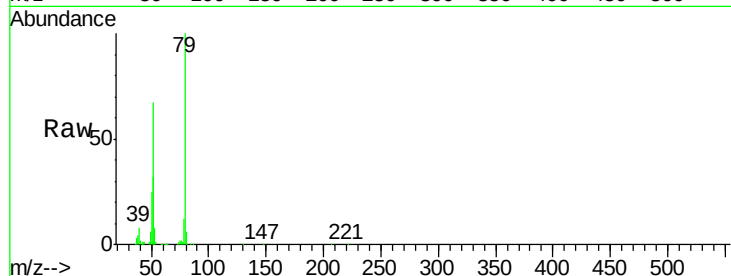
ClientSampleId :

PB126367BS

Tot Ion:	79	Resp:	207871
Ion Ratio	Lower	Upper	
79	100		
52	67.0	58.9	88.3
51	32.3	28.6	43.0

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#4

n-Nitrosodimethylamine

Concen: 38.740 ng

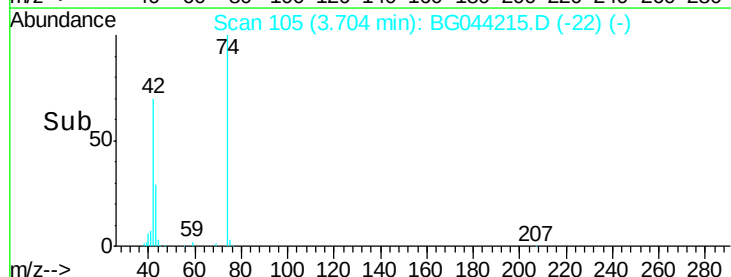
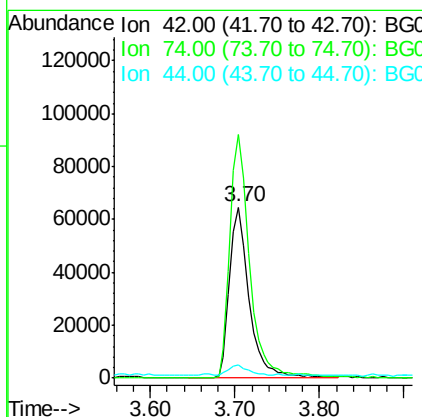
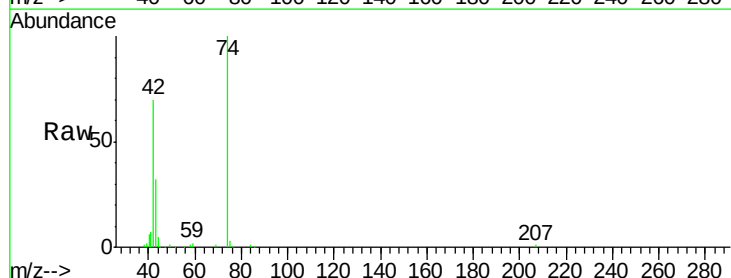
RT: 3.70 min Scan# 105

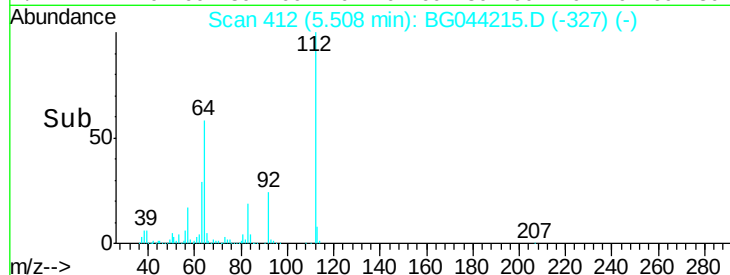
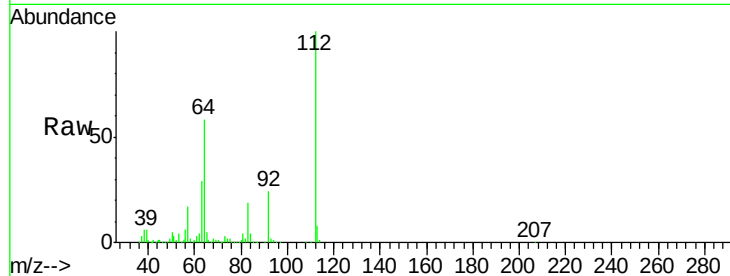
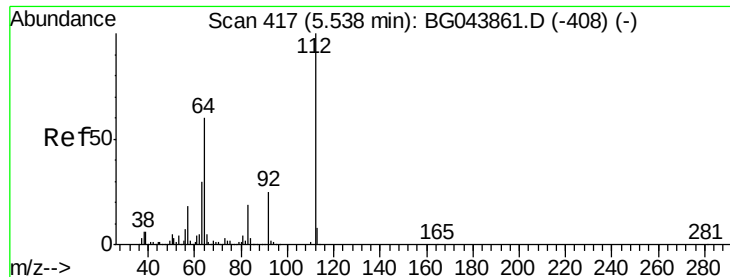
Delta R.T. -0.04 min

Lab File: BG044215.D

Acq: 27 Jan 2020 14:53

Tgt Ion:	42	Resp:	104254
Ion Ratio	Lower	Upper	
42	100		
74	142.4	108.6	162.8
44	7.8	5.0	7.6#





#5

2-Fluorophenol

Concen: 132.698 ng

RT: 5.51 min Scan# 412

Delta R.T. -0.03 min

Lab File: BG044215.D

Acq: 27 Jan 2020 14:53

Tot Ion:	112	Resp:	622699
Ion Ratio	Lower	Upper	
112	100		
64	57.8	47.8	71.6
63	29.4	24.3	36.5

Instrument :

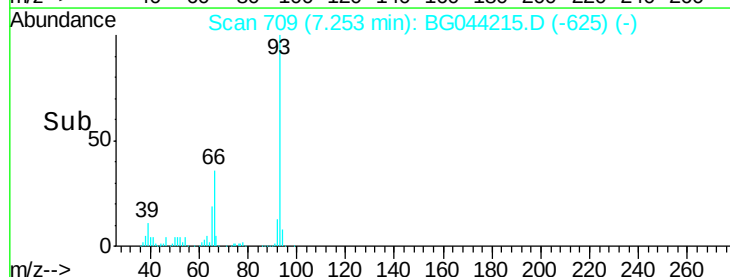
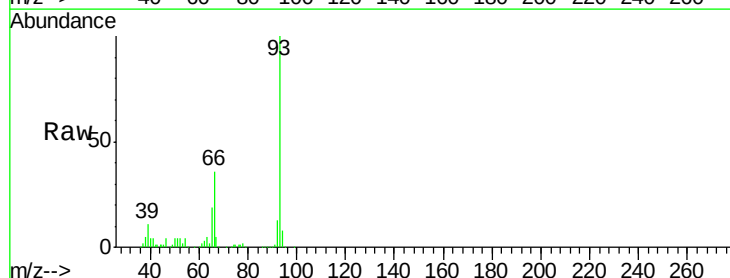
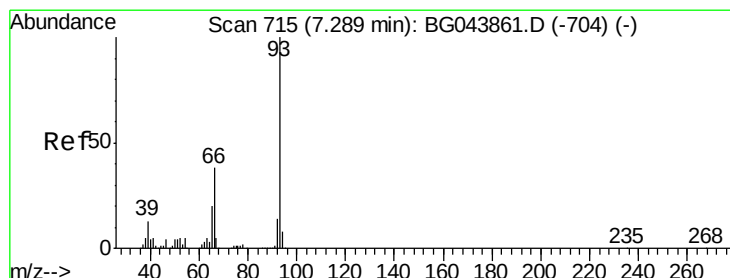
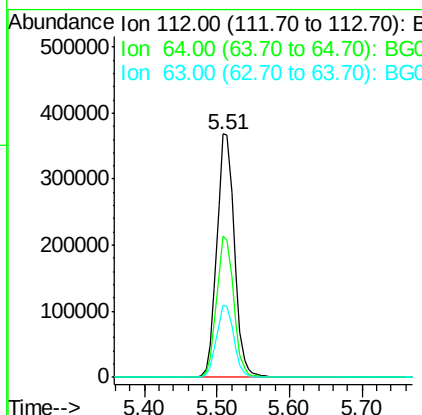
BNA_G

ClientSampleId :

PB126367BS

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#6

Aniline

Concen: 30.901 ng

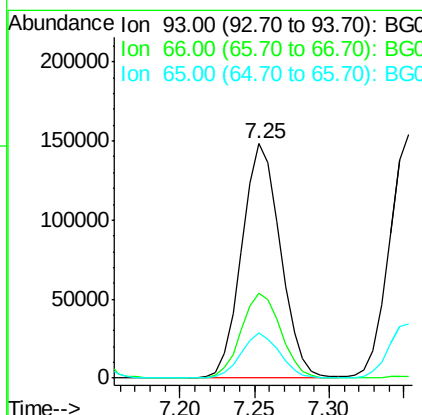
RT: 7.25 min Scan# 709

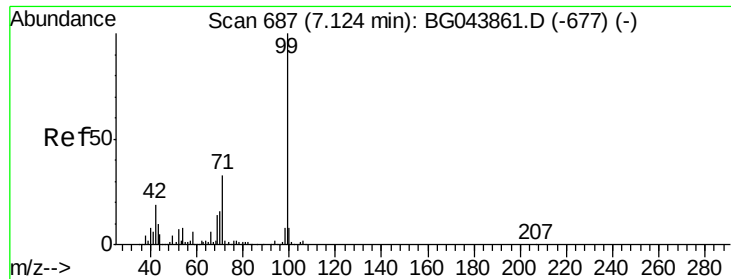
Delta R.T. -0.04 min

Lab File: BG044215.D

Acq: 27 Jan 2020 14:53

Tgt Ion:	93	Resp:	266231
Ion Ratio	Lower	Upper	
93	100		
66	36.4	30.8	46.2
65	19.3	16.0	24.0





#7

Phenol-d6

Concen: 127.240 ng

RT: 7.11 min Scan# 684

Delta R.T. -0.02 min

Lab File: BG044215.D

Acq: 27 Jan 2020 14:53

Instrument :

BNA_G

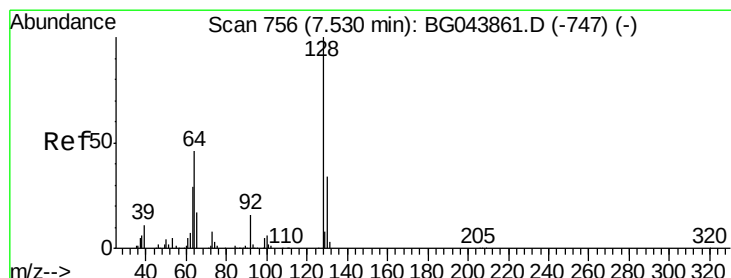
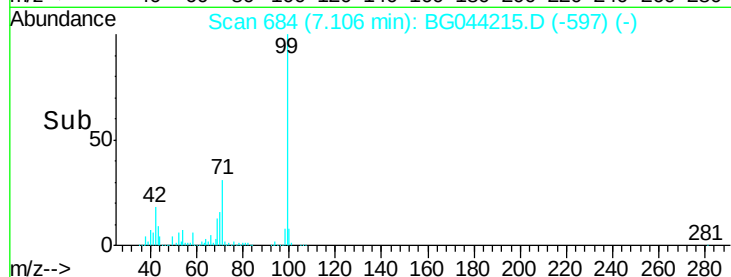
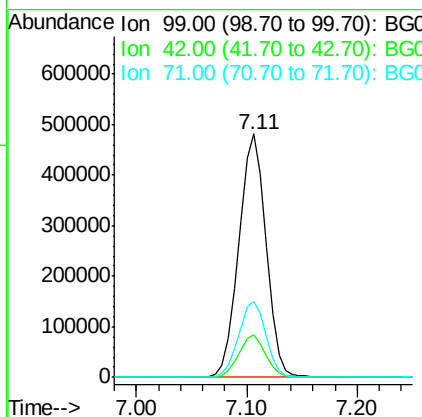
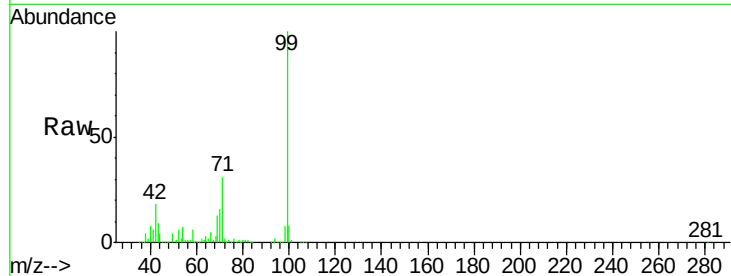
ClientSampleId :

PB126367BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		834623		
42	17.8	14.9	22.3		
71	31.1	26.4	39.6		

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#8

2-Chlorophenol

Concen: 48.930 ng

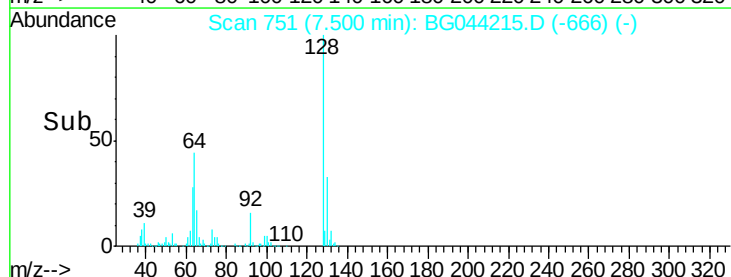
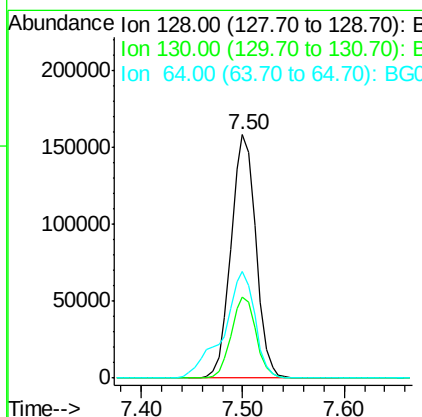
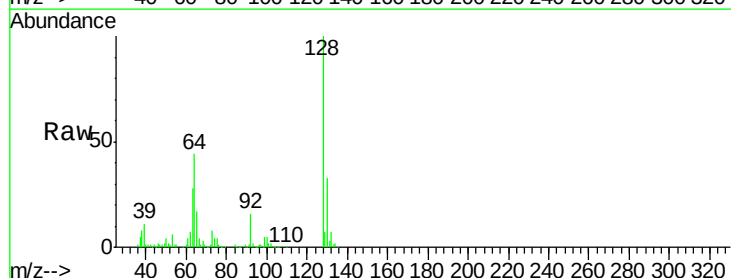
RT: 7.50 min Scan# 751

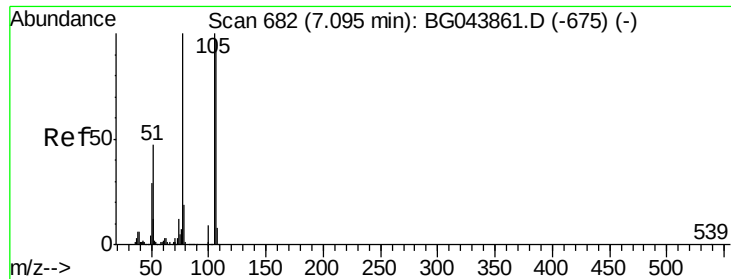
Delta R.T. -0.03 min

Lab File: BG044215.D

Acq: 27 Jan 2020 14:53

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		269556		
130	33.3	13.8	53.8		
64	43.8	27.6	67.6		





#9

Benzaldehyde

Concen: 30.998 ng

RT: 7.07 min Scan# 677

Delta R.T. -0.03 min

Lab File: BG044215.D

Acq: 27 Jan 2020 14:53

Instrument :

BNA_G

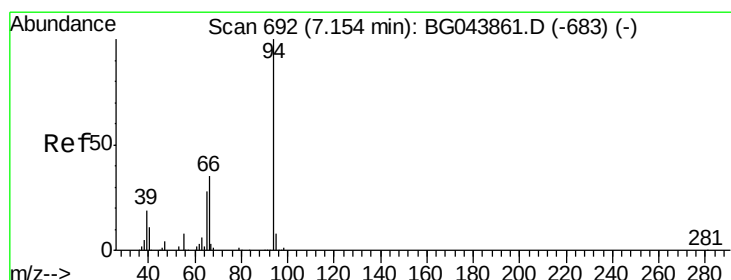
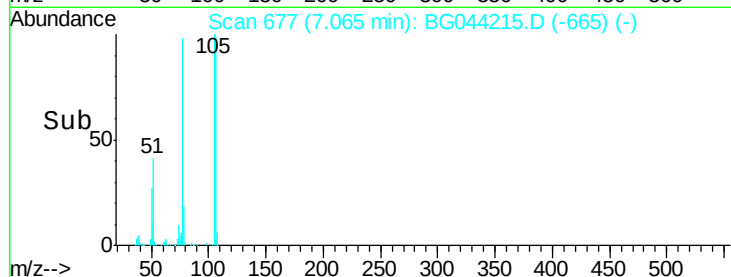
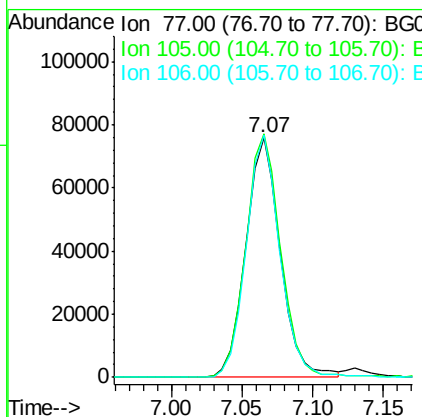
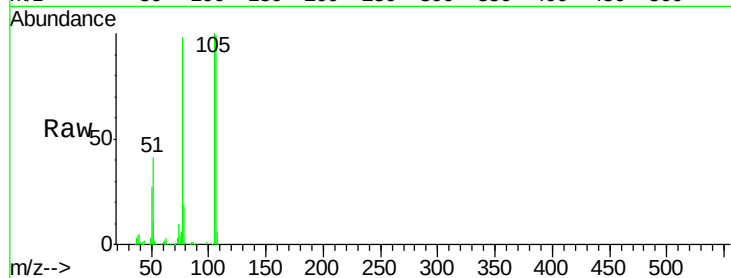
ClientSampled :

PB126367BS

Tot Ion	Ratio	Lower	Upper
77	100		
105	101.6	80.2	120.2
106	101.0	77.2	117.2

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#10

Phenol

Concen: 48.898 ng

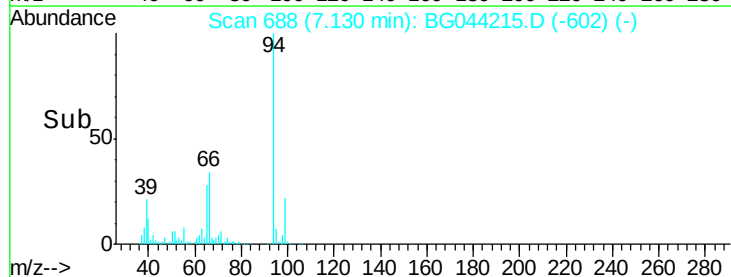
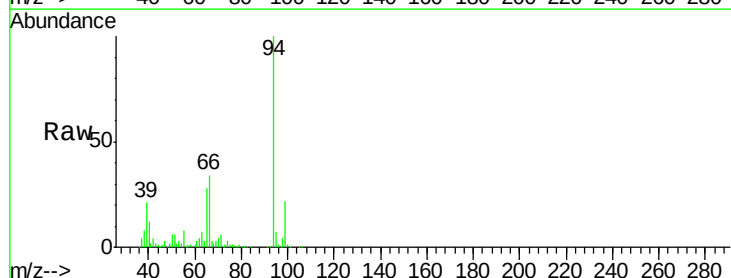
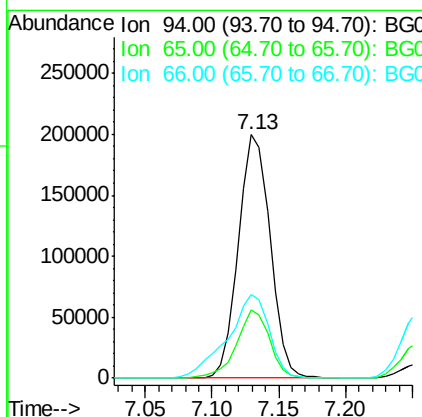
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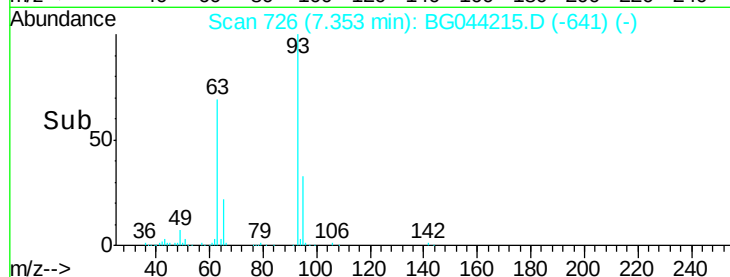
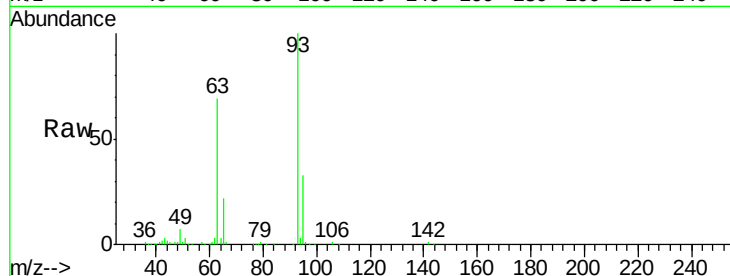
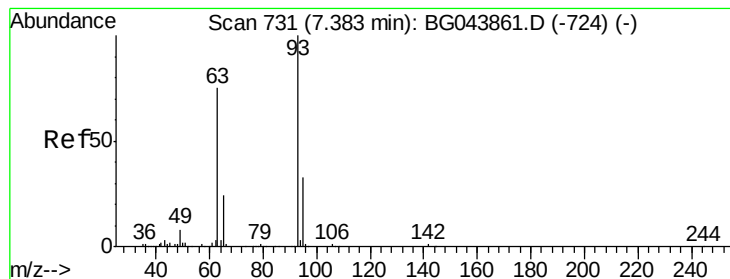
Delta R.T. -0.02 min

Lab File: BG044215.D

Acq: 27 Jan 2020 14:53

Tgt Ion	Ratio	Lower	Upper
94	100		
65	28.0	8.1	48.1
66	34.2	15.6	55.6





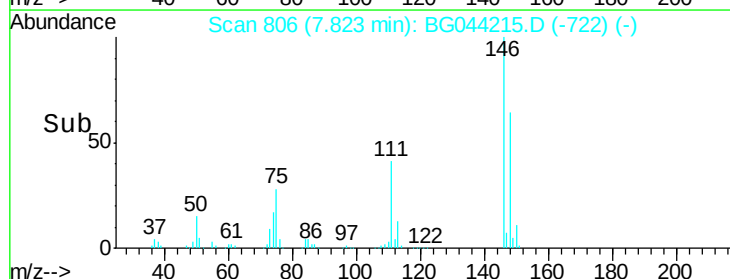
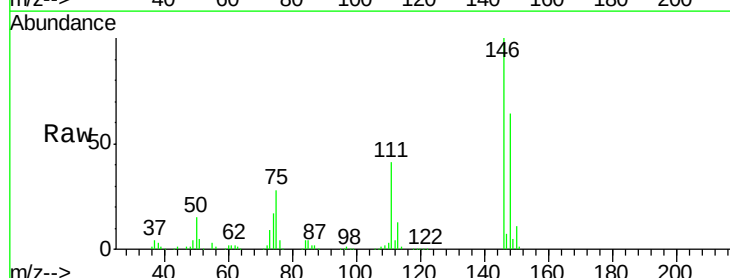
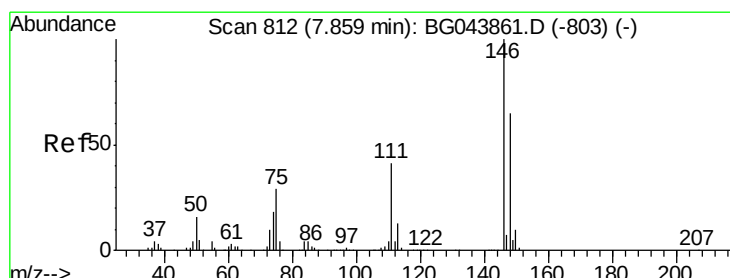
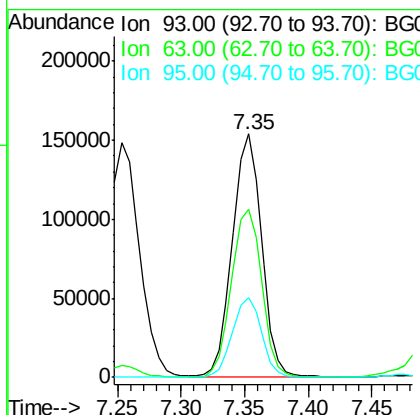
#11
bis(2-Chloroethyl)ether
Concen: 42.166 ng
RT: 7.35 min Scan# 726
Delta R.T. -0.03 min
Lab File: BG044215.D
Acq: 27 Jan 2020 14:53

Tot Ion	Ratio	Resp	Lower	Upper
93	100	245983		
63	69.0		55.0	95.0
95	32.8		13.3	53.3

Instrument :
BNA_G
ClientSampleId :
PB126367BS

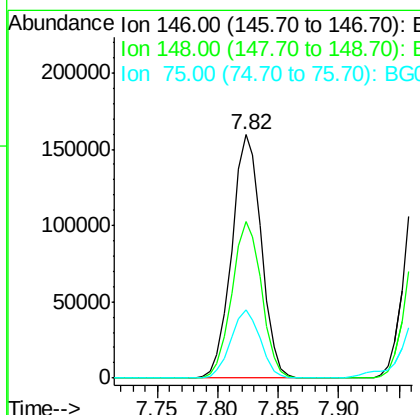
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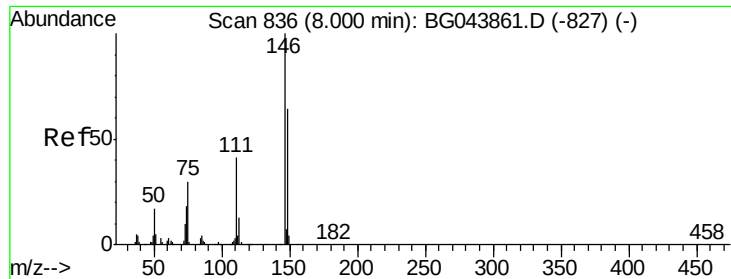
mohammad
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#12
1,3-Dichlorobenzene
Concen: 42.173 ng
RT: 7.82 min Scan# 806
Delta R.T. -0.04 min
Lab File: BG044215.D
Acq: 27 Jan 2020 14:53

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	271874		
148	64.4		52.1	78.1
75	28.2		23.0	34.4





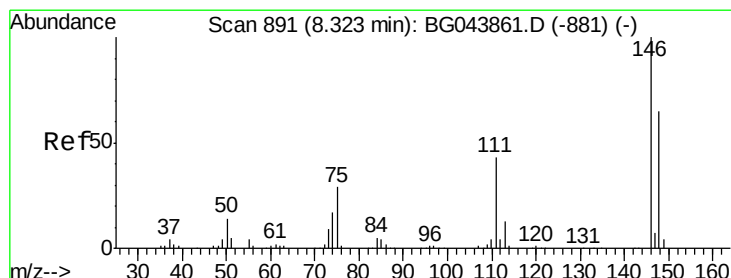
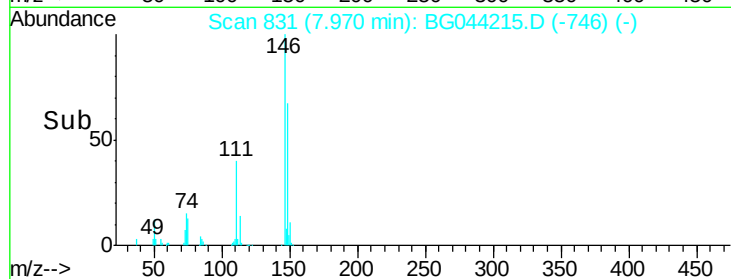
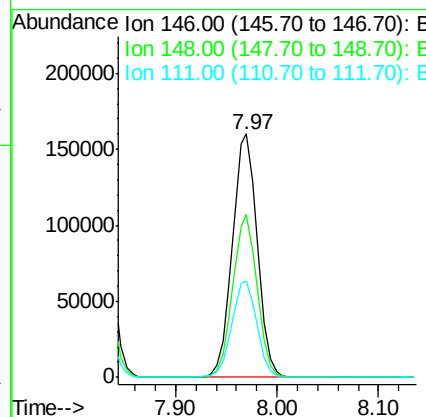
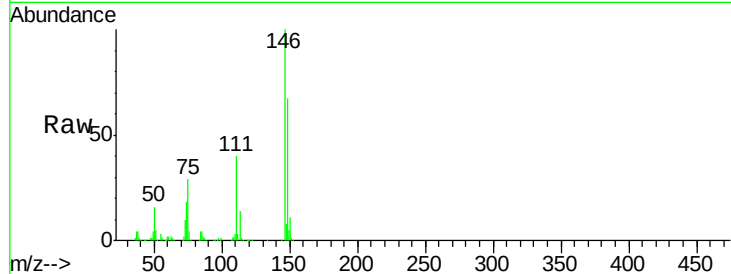
#13
 1,4-Dichlorobenzene
 Concen: 42.673 ng
 RT: 7.97 min Scan# 831
 Delta R.T. -0.03 min
 Lab File: BG044215.D
 Acq: 27 Jan 2020 14:53

Instrument :
 BNA_G
 ClientSampleId :
 PB126367BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	66.9	51.2	76.8
111	39.8	33.1	49.7

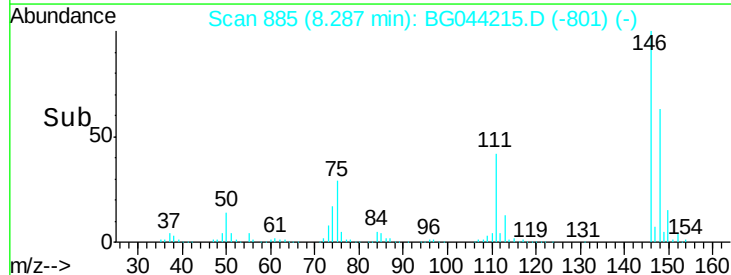
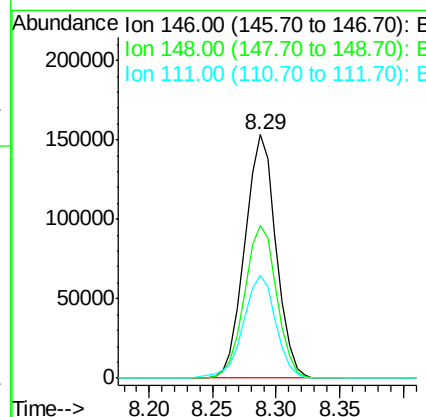
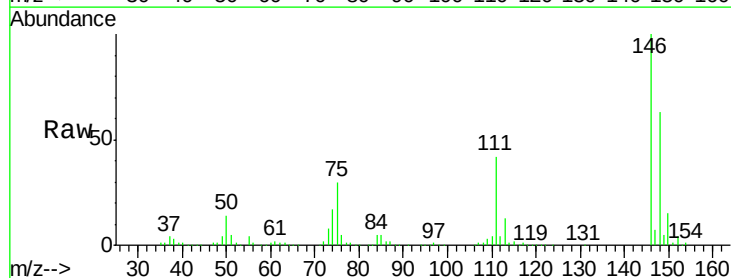
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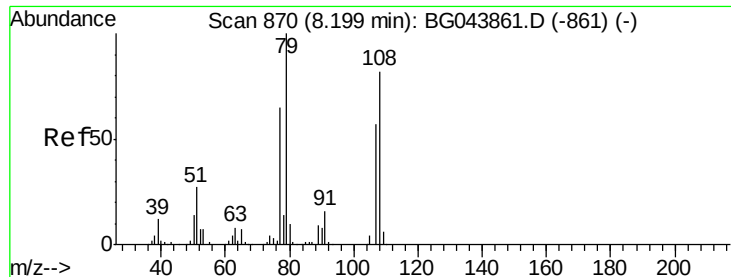
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 42.745 ng
 RT: 8.29 min Scan# 885
 Delta R.T. -0.04 min
 Lab File: BG044215.D
 Acq: 27 Jan 2020 14:53

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.9	51.7	77.5
111	42.4	34.4	51.6





#15

Benzyl Alcohol

Concen: 42.879 ng

RT: 8.17 min Scan# 865

Delta R.T. -0.03 min

Lab File: BG044215.D

Acq: 27 Jan 2020 14:53

Instrument :

BNA_G

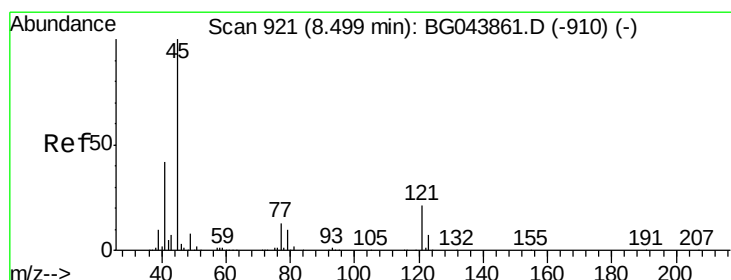
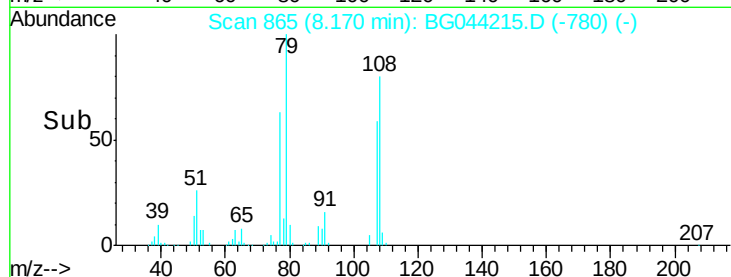
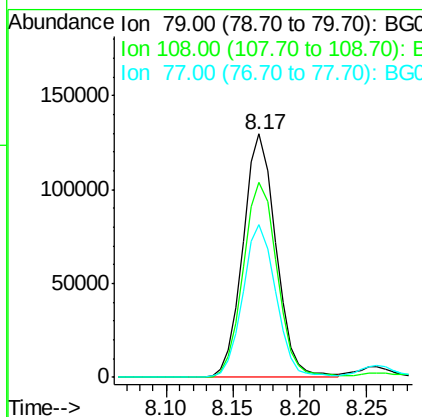
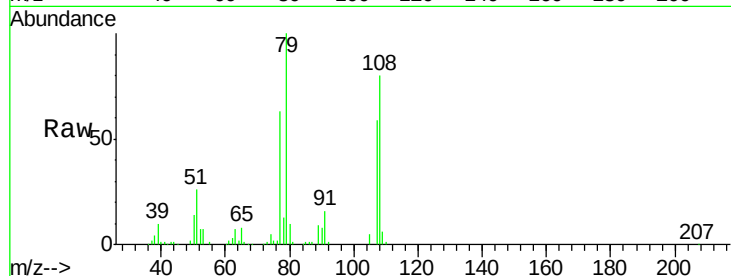
ClientSampleId :

PB126367BS

Tot Ion:	79	Resp:	221977
Ion Ratio	Lower	Upper	
79	100		
108	79.9	65.6	98.4
77	62.8	52.0	78.0

Manual Integrations
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#16

2,2'-oxybis(1-chloropropane)

Concen: 35.951 ng

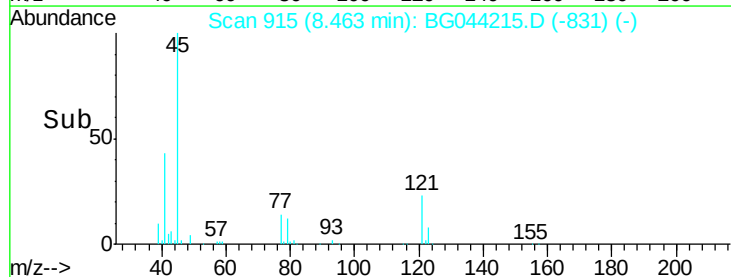
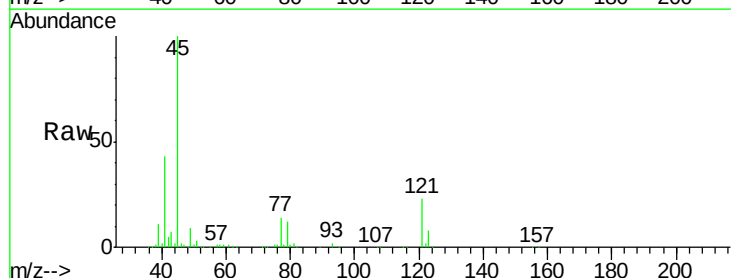
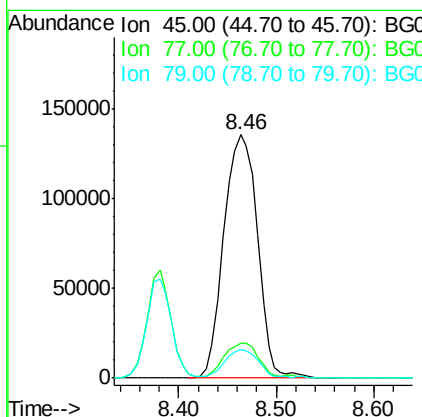
RT: 8.46 min Scan# 915

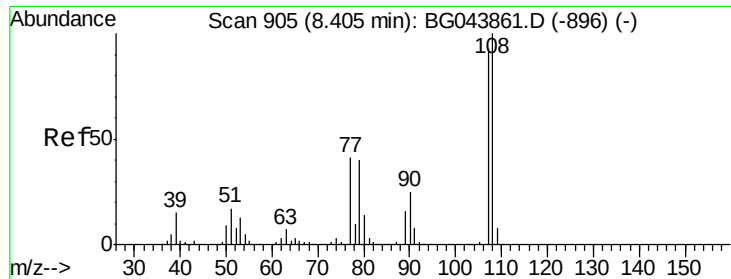
Delta R.T. -0.04 min

Lab File: BG044215.D

Acq: 27 Jan 2020 14:53

Tgt Ion:	45	Resp:	324476
Ion Ratio	Lower	Upper	
45	100		
77	14.4	0.0	33.8
79	11.6	0.0	31.0





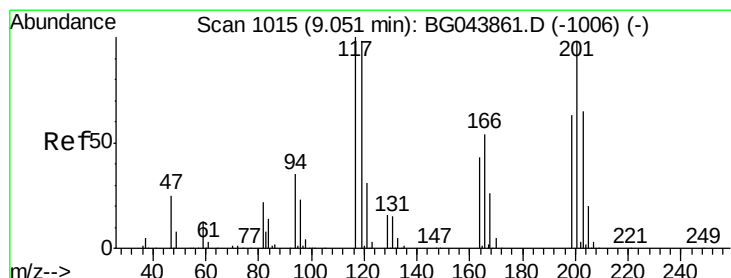
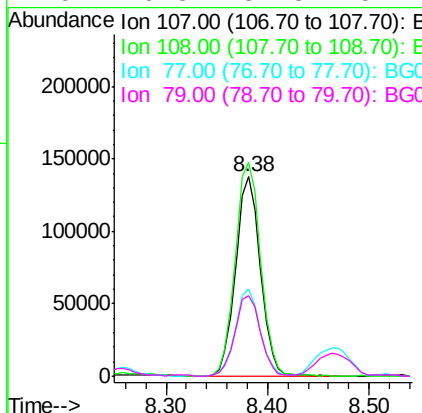
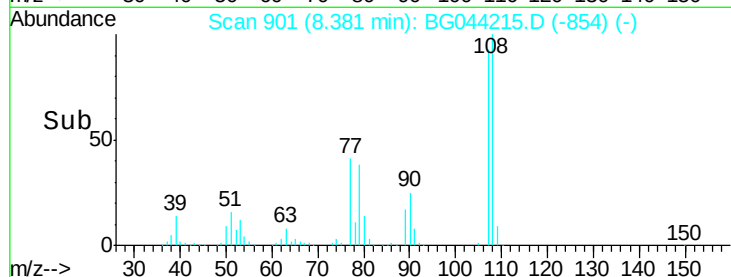
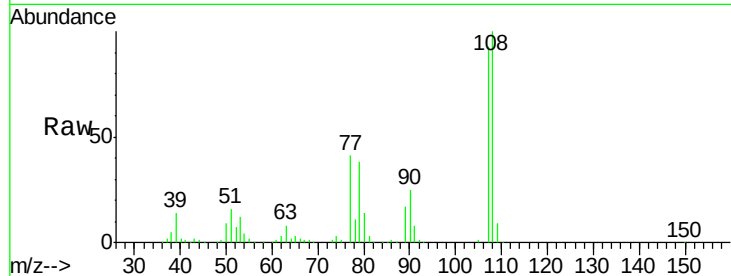
#17
2-Methylphenol
Concen: 47.655 ng
RT: 8.38 min Scan# 901
Delta R.T. -0.02 min
Lab File: BG044215.D
Acq: 27 Jan 2020 14:53

Instrument :
BNA_G
ClientSampleId :
PB126367BS

Tot Ion	107	Resp	233068
Ion Ratio	Lower	Upper	
107	100		
108	107.0	86.1	129.1
77	43.8	35.4	53.0
79	40.3	34.8	52.2

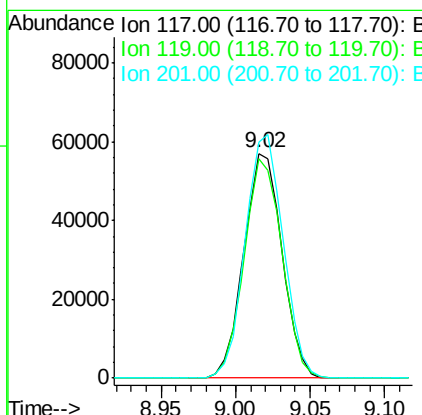
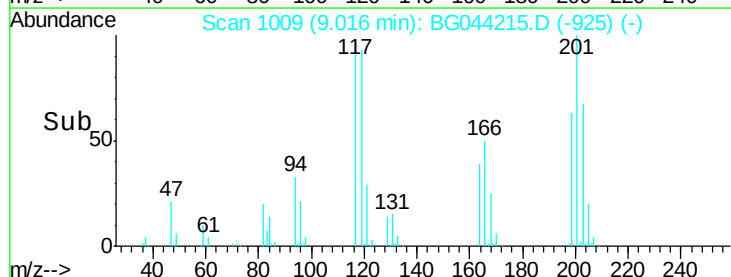
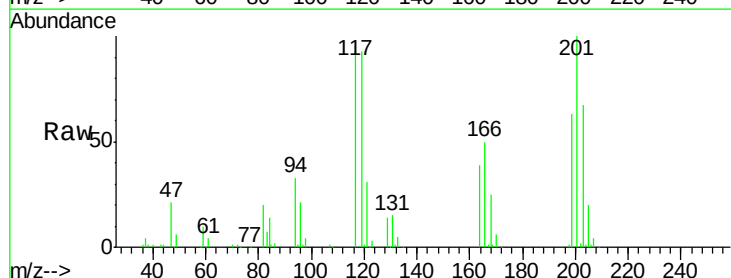
Manual Integrations
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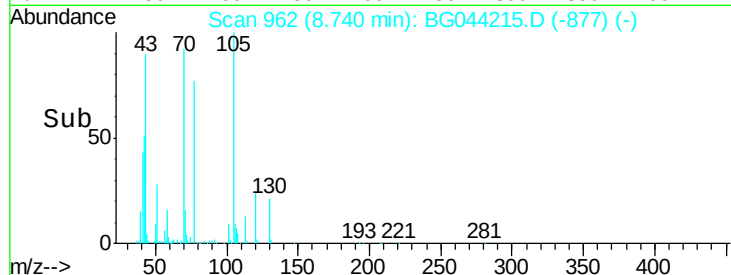
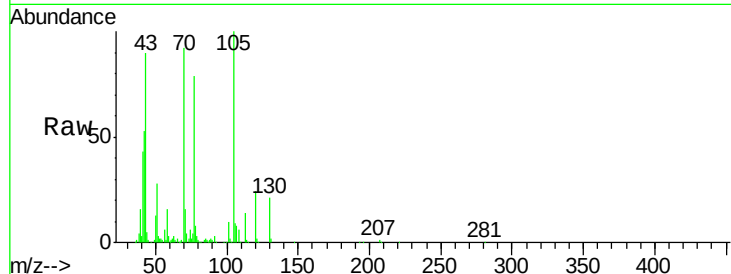
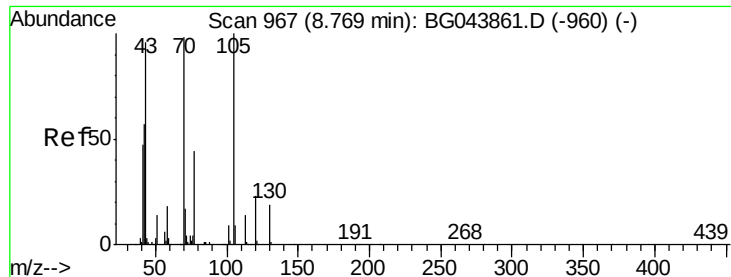
mohammad
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#18
Hexachloroethane
Concen: 40.808 ng
RT: 9.02 min Scan# 1009
Delta R.T. -0.04 min
Lab File: BG044215.D
Acq: 27 Jan 2020 14:53

Tgt Ion	117	Resp	101002
Ion Ratio	Lower	Upper	
117	100		
119	97.8	78.1	117.1
201	105.1	78.6	117.8





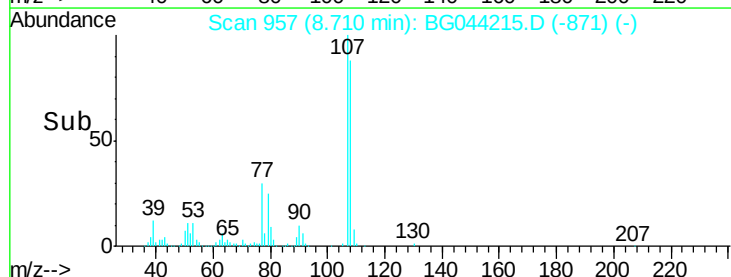
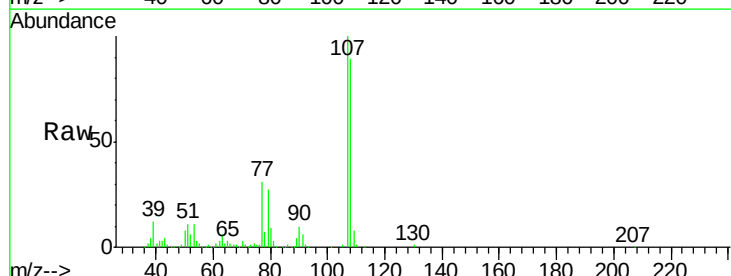
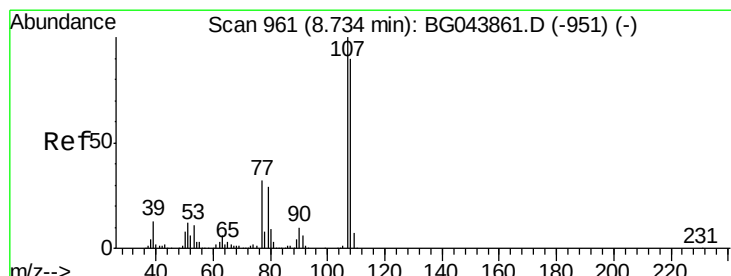
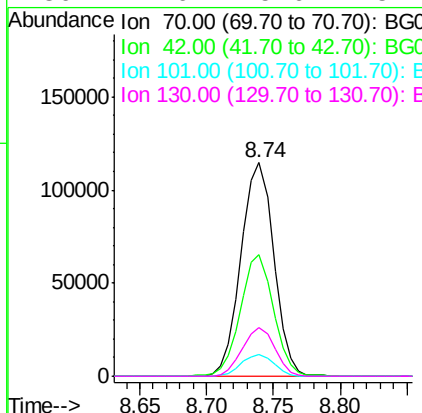
#19
n-Nitroso-di-n-propylamine
Concen: 39.988 ng
RT: 8.74 min Scan# 962
Delta R.T. -0.03 min
Lab File: BG044215.D
Acq: 27 Jan 2020 14:53

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		195336		
42	57.1	47.0	70.4		
101	10.5	7.2	10.8		
130	22.6	15.6	23.4		

Instrument :
BNA_G
ClientSampleId :
PB126367BS

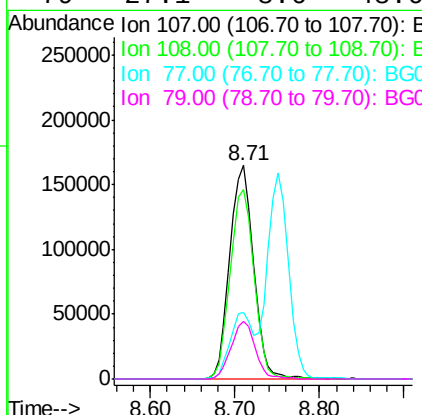
Manual Integrations
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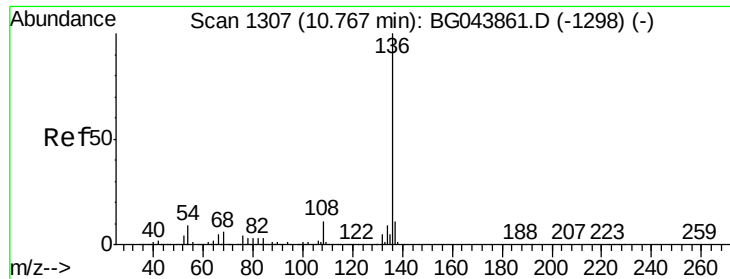
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#20
3+4-Methylphenols
Concen: 46.963 ng
RT: 8.71 min Scan# 957
Delta R.T. -0.02 min
Lab File: BG044215.D
Acq: 27 Jan 2020 14:53

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		320414		
108	88.6	70.3	110.3		
77	31.4	12.4	52.4		
79	27.1	8.6	48.6		





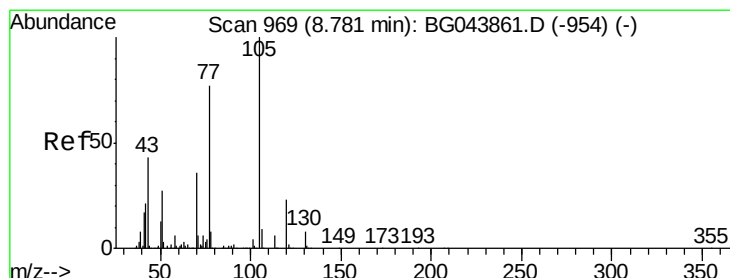
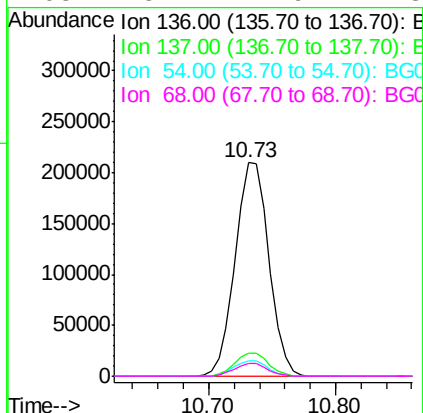
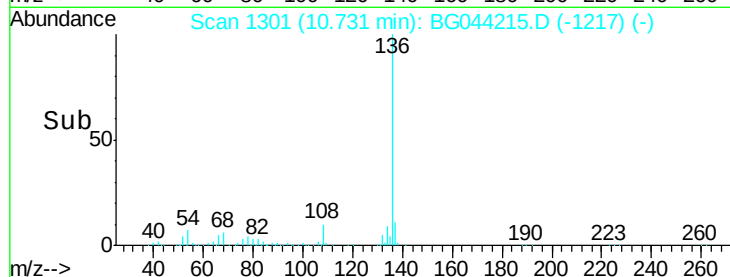
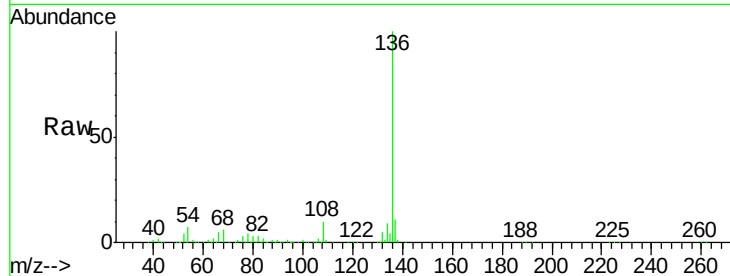
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.73 min Scan# 1301
Delta R.T. -0.04 min
Lab File: BG044215.D
Acq: 27 Jan 2020 14:53

Instrument :
BNA_G
ClientSampleId :
PB126367BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		386084		
137	11.1		8.8	13.2	
54	7.5		7.0	10.4	
68	5.7		4.9	7.3	

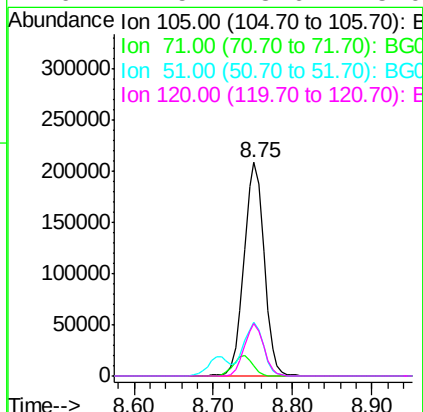
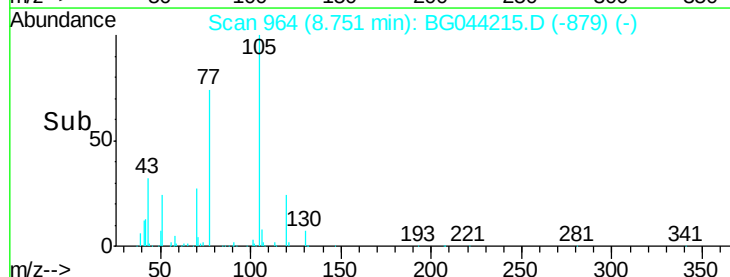
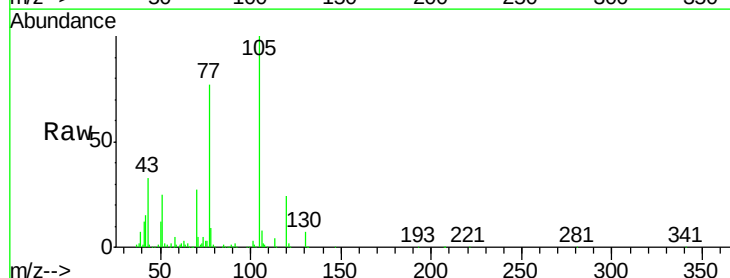
Manual Integrations
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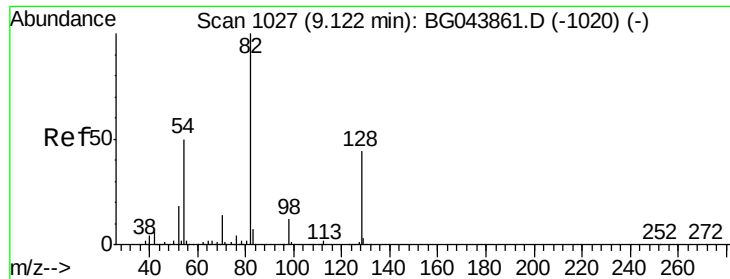
mohammad
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#22
Acetophenone
Concen: 38.416 ng
RT: 8.75 min Scan# 964
Delta R.T. -0.03 min
Lab File: BG044215.D
Acq: 27 Jan 2020 14:53

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		368732		
71	4.6		4.8	7.2#	
51	25.0		21.4	32.0	
120	24.5		18.6	28.0	





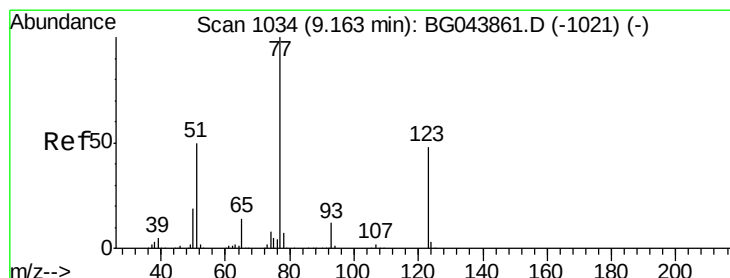
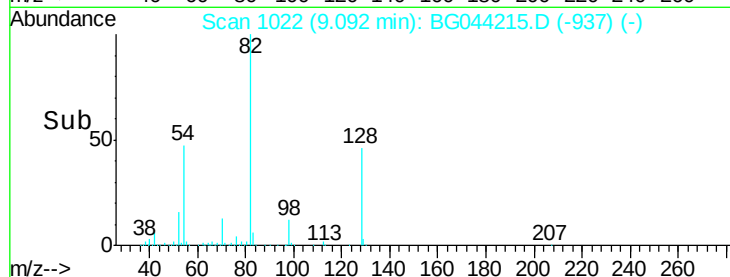
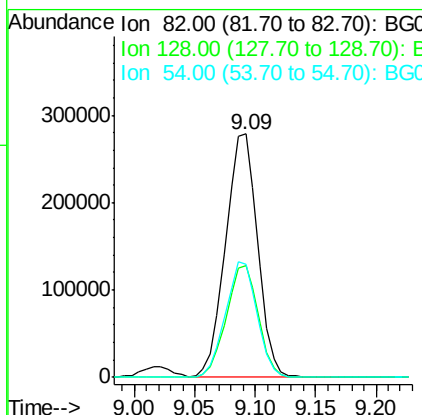
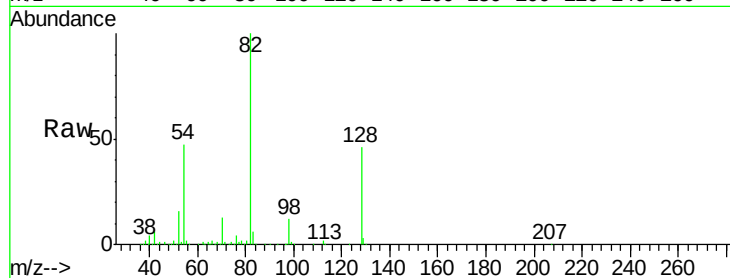
#23
Nitrobenzene-d5
Concen: 70.913 ng
RT: 9.09 min Scan# 1022
Delta R.T. -0.03 min
Lab File: BG044215.D
Acq: 27 Jan 2020 14:53

Instrument :
BNA_G
ClientSampleId :
PB126367BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	511784		
128	45.7	35.1	52.7	
54	46.6	40.1	60.1	

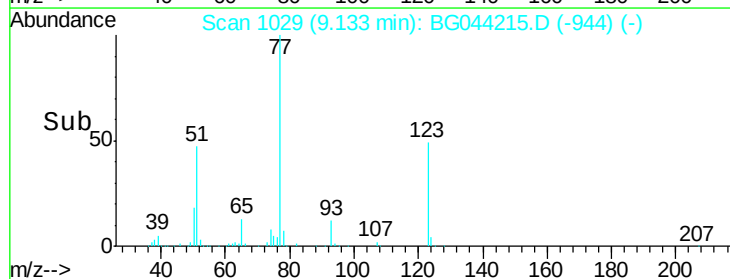
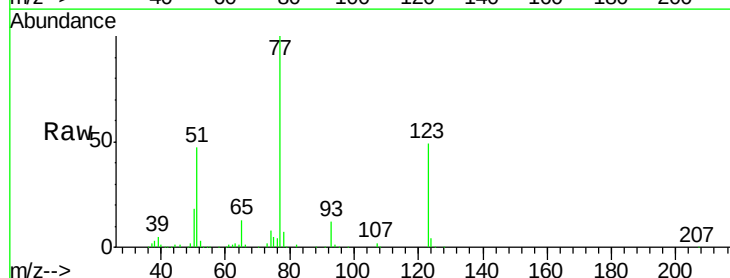
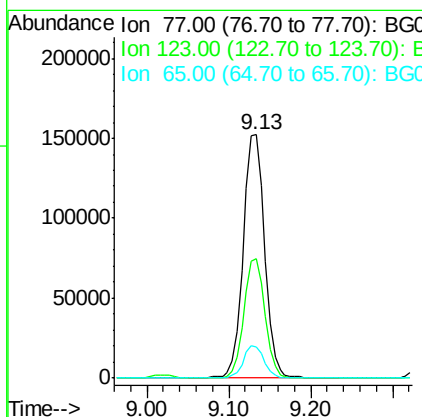
Manual Integrations
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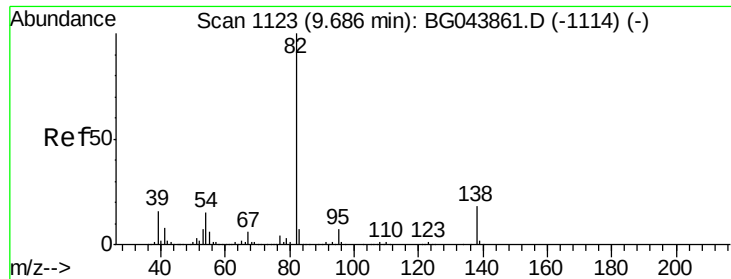
mohammad
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#24
Nitrobenzene
Concen: 38.772 ng
RT: 9.13 min Scan# 1029
Delta R.T. -0.03 min
Lab File: BG044215.D
Acq: 27 Jan 2020 14:53

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	277141		
123	49.2	38.7	58.1	
65	12.7	11.1	16.7	





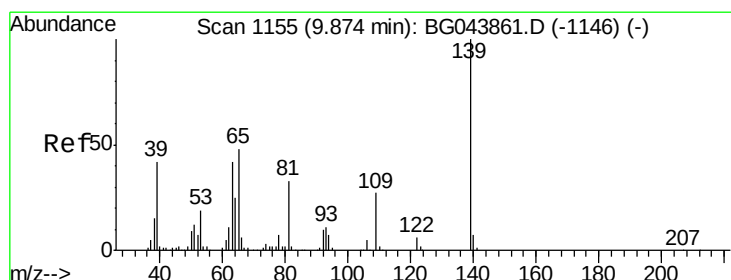
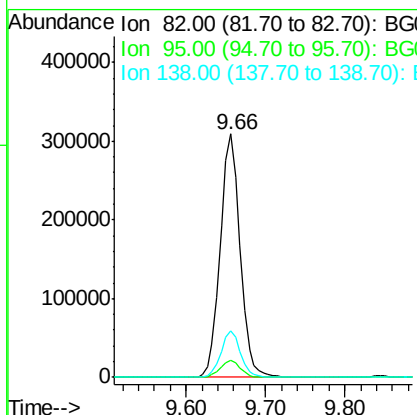
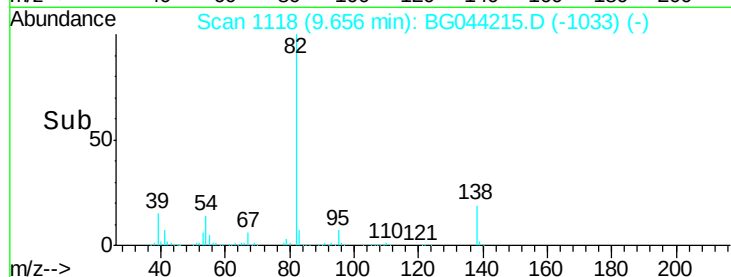
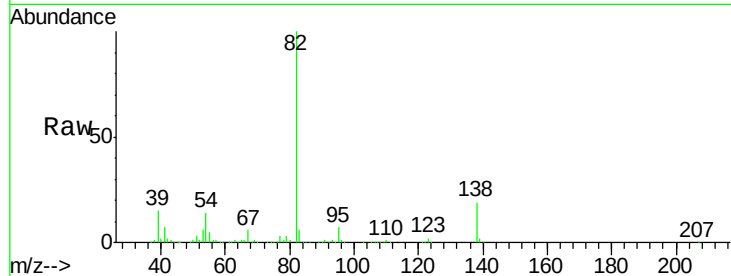
#25
Isophorone
Concen: 39.534 ng
RT: 9.66 min Scan# 1118
Delta R.T. -0.03 min
Lab File: BG044215.D
Acq: 27 Jan 2020 14:53

Instrument :
BNA_G
ClientSampleId :
PB126367BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
95	7.0	5.8	8.6	
138	19.2	14.6	22.0	

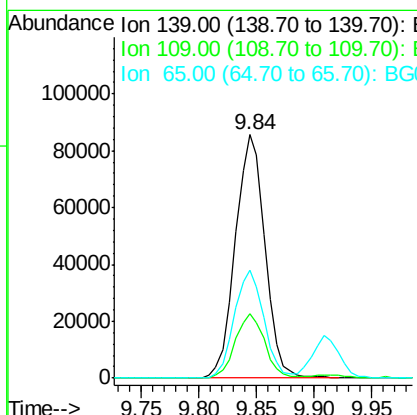
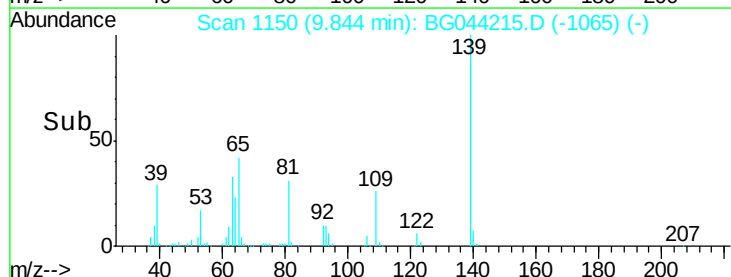
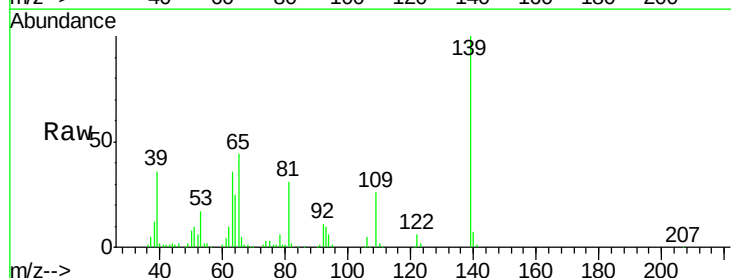
Manual Integrations
APPROVED

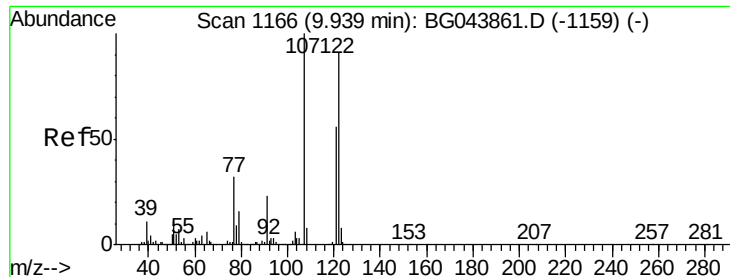
mohammad
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#26
2-Nitrophenol
Concen: 44.863 ng
RT: 9.84 min Scan# 1150
Delta R.T. -0.03 min
Lab File: BG044215.D
Acq: 27 Jan 2020 14:53

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	26.3	21.3	31.9	
65	44.4	38.6	57.8	





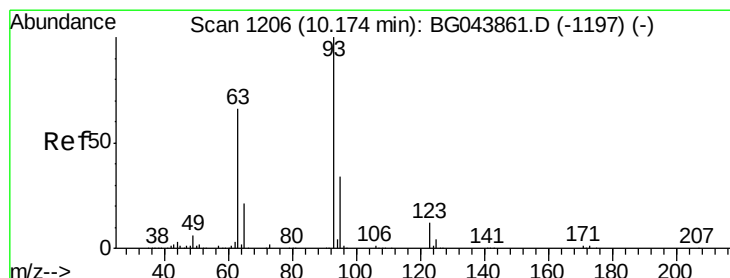
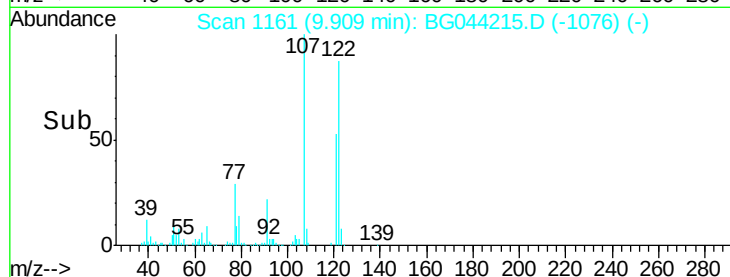
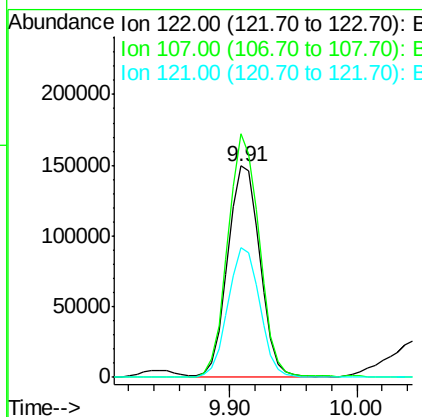
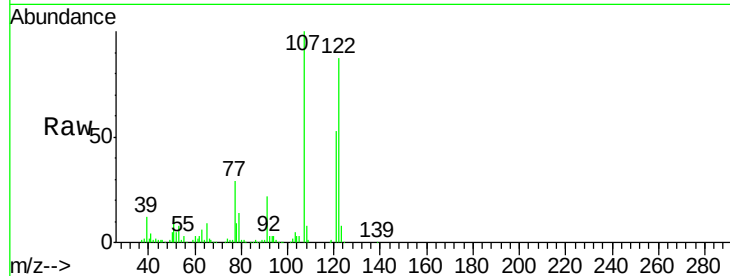
#27
2,4-Dimethylphenol
Concen: 51.329 ng
RT: 9.91 min Scan# 1161
Delta R.T. -0.03 min
Lab File: BG044215.D
Acq: 27 Jan 2020 14:53

Instrument :
BNA_G
ClientSampleId :
PB126367BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	261299		
107	115.4	88.0	132.0	
121	61.4	49.0	73.4	

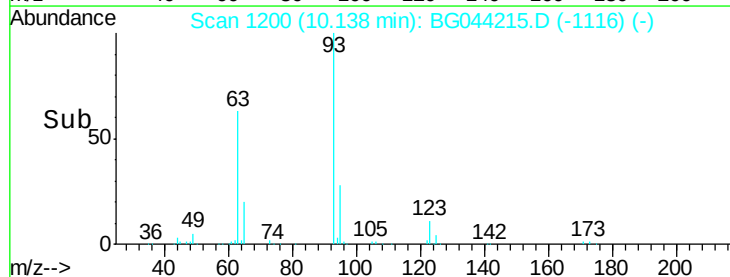
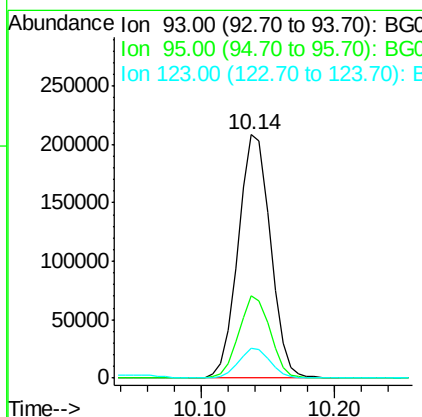
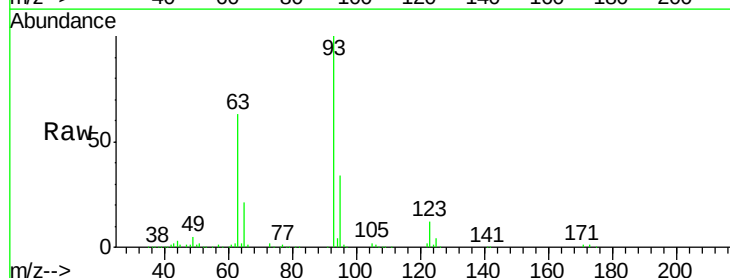
Manual Integrations
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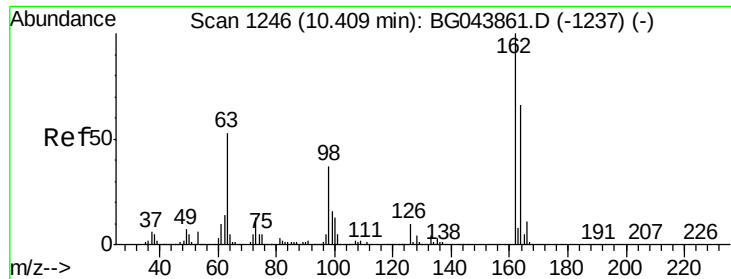
mohammad
1/28/2020 1:12:36 PM



#28
bis(2-Chloroethoxy)methane
Concen: 38.656 ng
RT: 10.14 min Scan# 1200
Delta R.T. -0.04 min
Lab File: BG044215.D
Acq: 27 Jan 2020 14:53

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	348938		
95	33.8	27.2	40.8	
123	12.0	9.7	14.5	





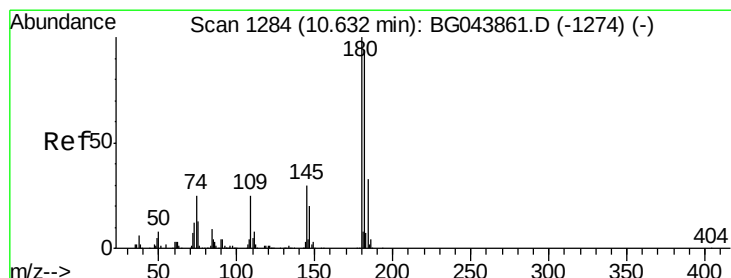
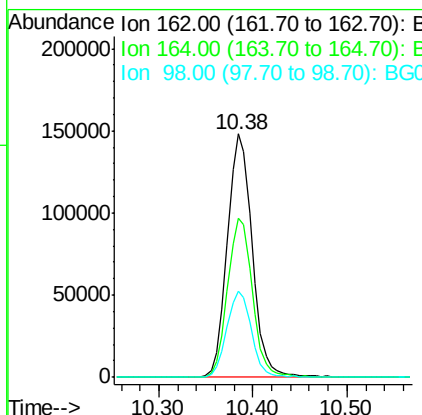
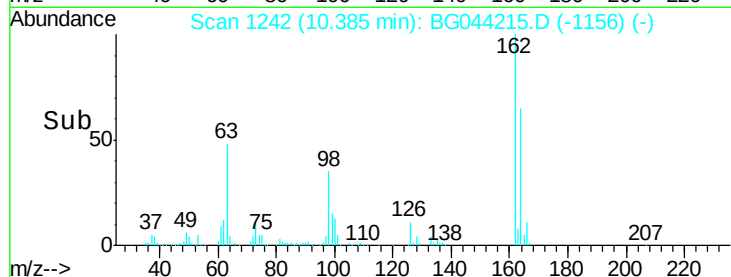
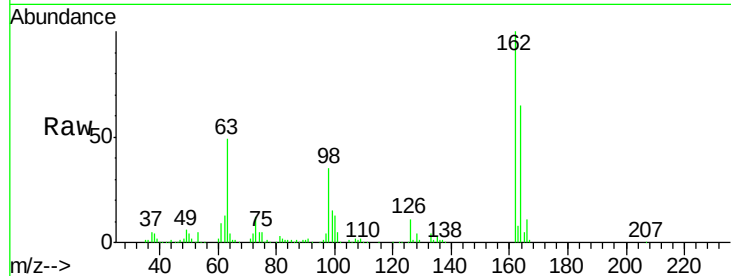
#29
 2,4-Dichlorophenol
 Concen: 44.966 ng
 RT: 10.38 min Scan# 1242
 Delta R.T. -0.02 min
 Lab File: BG044215.D
 Acq: 27 Jan 2020 14:53

Instrument :
 BNA_G
 ClientSampleId :
 PB126367BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	273044		
164	65.3	46.3	86.3	
98	35.2	17.3	57.3	

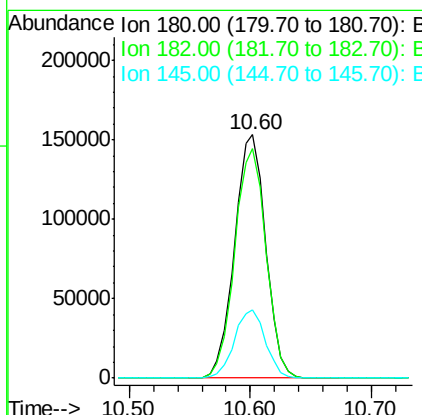
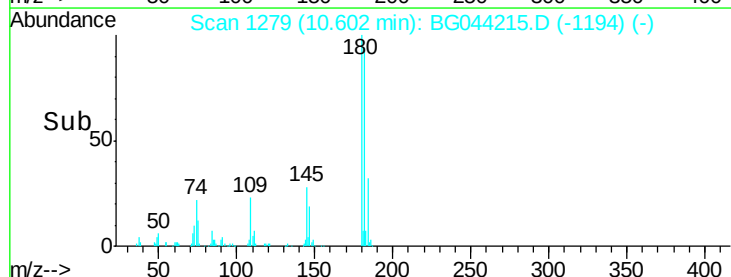
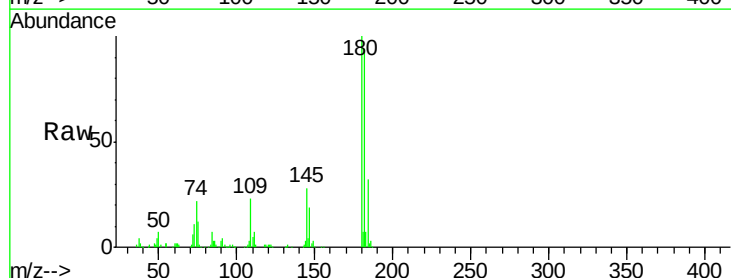
Manual Integrations
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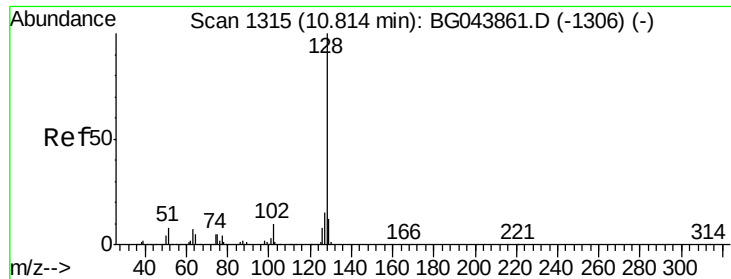
mohammad
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#30
 1,2,4-Trichlorobenzene
 Concen: 40.565 ng
 RT: 10.60 min Scan# 1279
 Delta R.T. -0.03 min
 Lab File: BG044215.D
 Acq: 27 Jan 2020 14:53

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	276189		
182	94.4	75.0	112.4	
145	27.9	24.2	36.4	





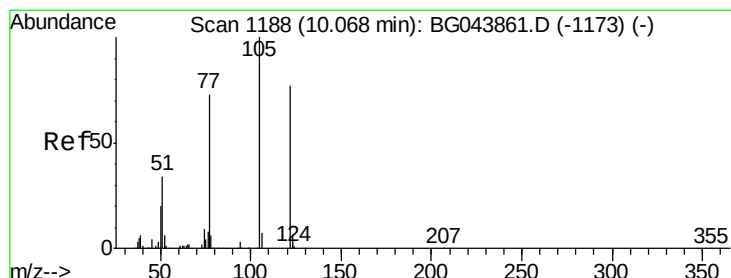
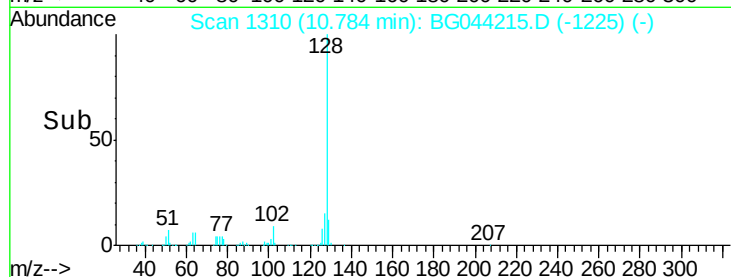
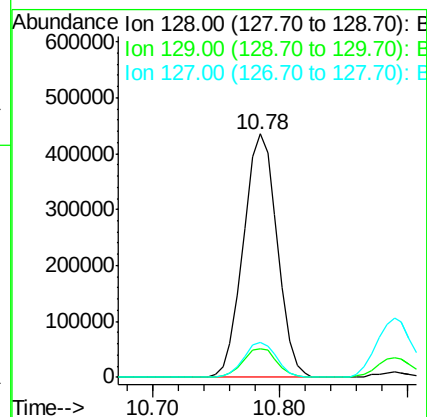
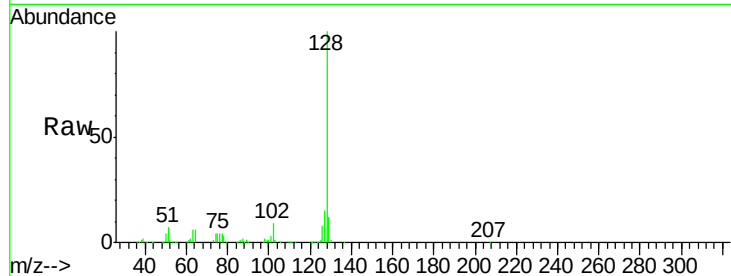
#31
Naphthalene
Concen: 43.063 ng
RT: 10.78 min Scan# 1310
Delta R.T. -0.03 min
Lab File: BG044215.D
Acq: 27 Jan 2020 14:53

Instrument :
BNA_G
ClientSampleId :
PB126367BS

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

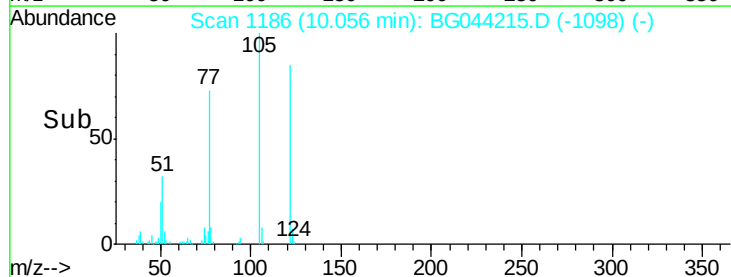
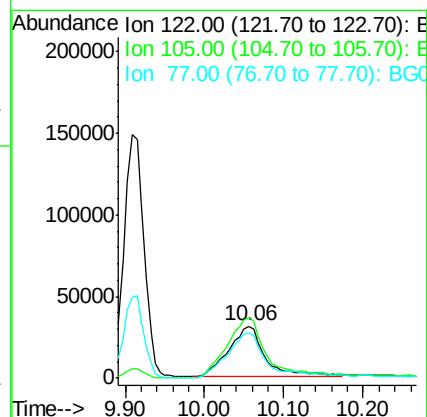
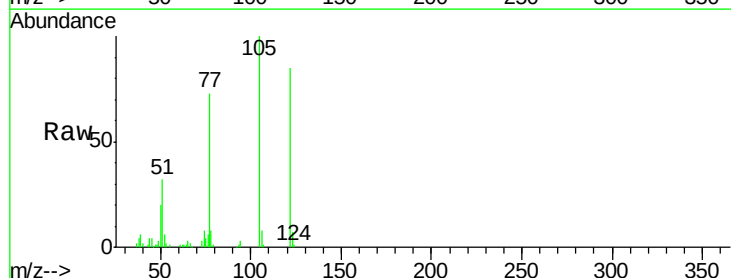
Manual Integrations
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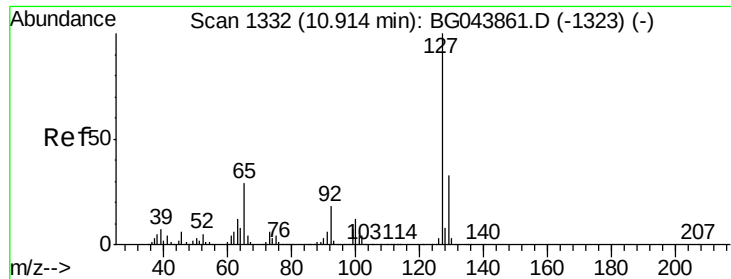
mohammad
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#32
Benzoic acid
Concen: 27.640 ng
RT: 10.06 min Scan# 1186
Delta R.T. -0.01 min
Lab File: BG044215.D
Acq: 27 Jan 2020 14:53

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	118.1	106.4	146.4	
77	86.7	74.6	114.6	





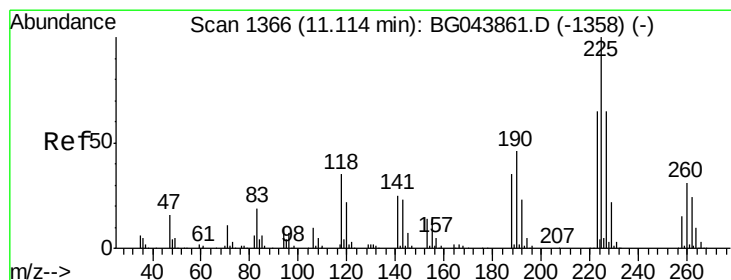
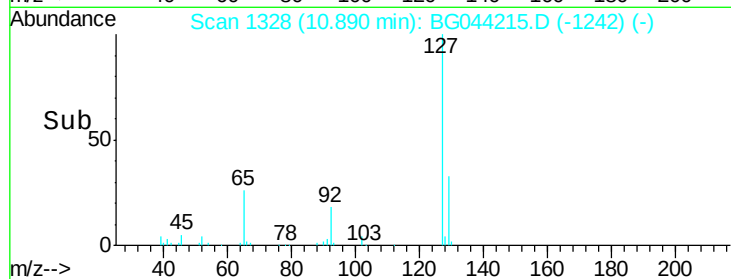
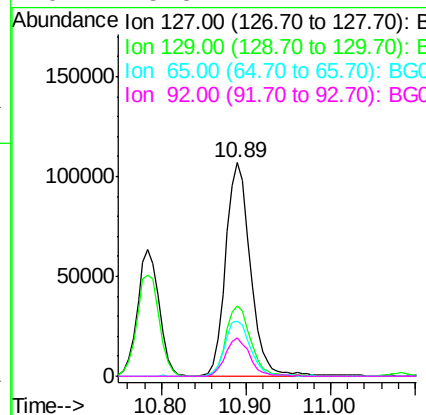
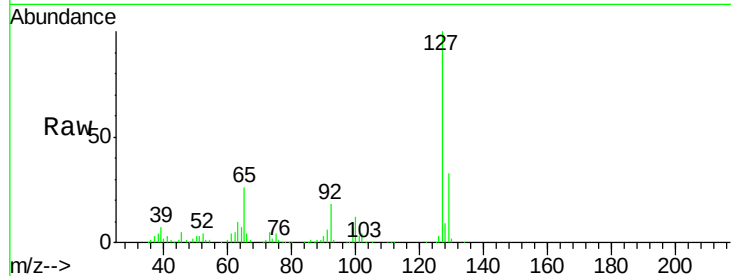
#33
4-Chloroaniline
Concen: 24.503 ng
RT: 10.89 min Scan# 1328
Delta R.T. -0.02 min
Lab File: BG044215.D
Acq: 27 Jan 2020 14:53

Instrument :
BNA_G
ClientSampleId :
PB126367BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	33.1	26.6	40.0		
65	25.9	23.3	34.9		
92	18.3	14.7	22.1		

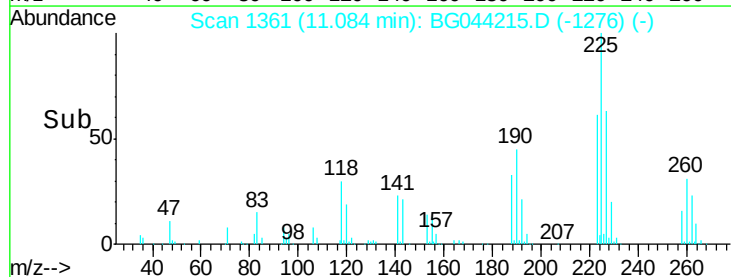
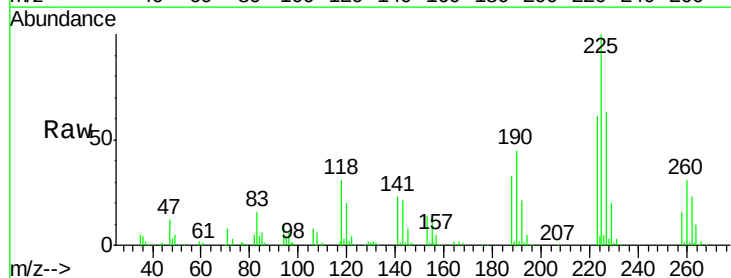
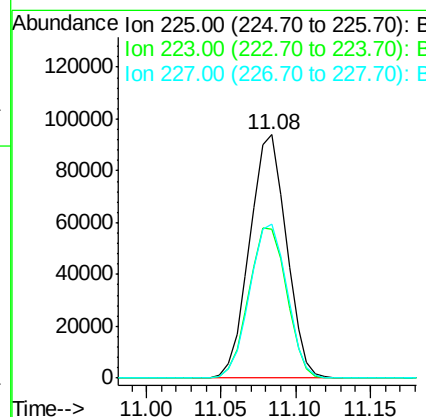
Manual Integrations
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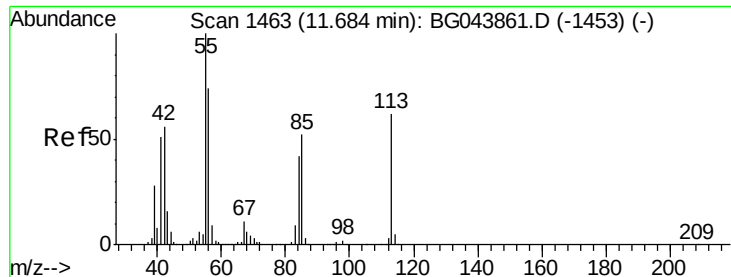
mohammad
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#34
Hexachlorobutadiene
Concen: 38.502 ng
RT: 11.08 min Scan# 1361
Delta R.T. -0.03 min
Lab File: BG044215.D
Acq: 27 Jan 2020 14:53

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	61.2	52.2	78.4		
227	63.3	52.1	78.1		





#35

Caprolactam

Concen: 42.302 ng/mL

RT: 11.65 min Scan# 1458

Delta R.T. -0.03 min

Lab File: BG044215.D

Acq: 27 Jan 2020 14:53

Instrument :

BNA_G

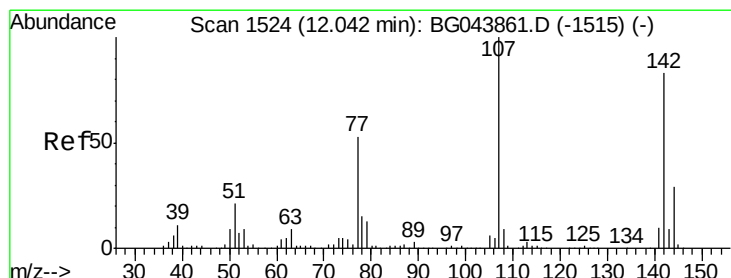
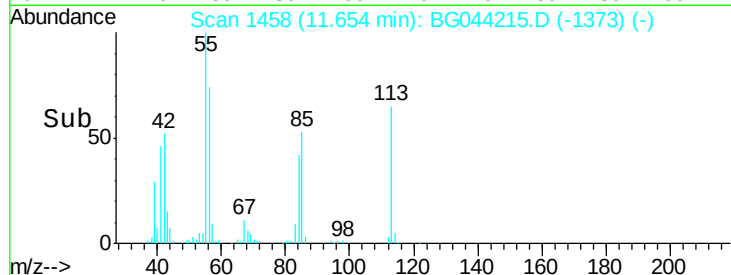
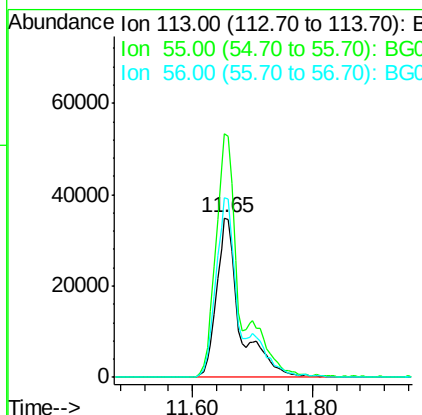
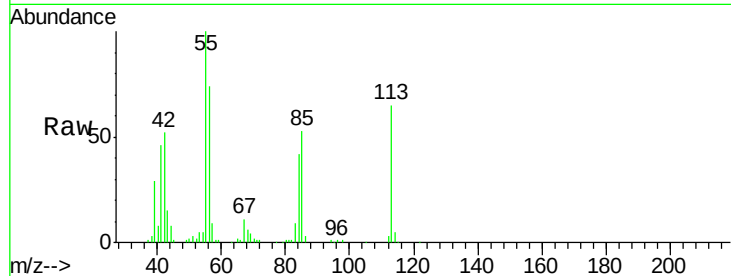
ClientSampleId :

PB126367BS

Tot Ion:	113	Resp:	95625
Ion	Ratio	Lower	Upper
113	100		
55	152.7	142.5	182.5
56	112.3	101.4	141.4

Manual Integrations
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#36

4-Chloro-3-methylphenol

Concen: 44.255 ng/mL

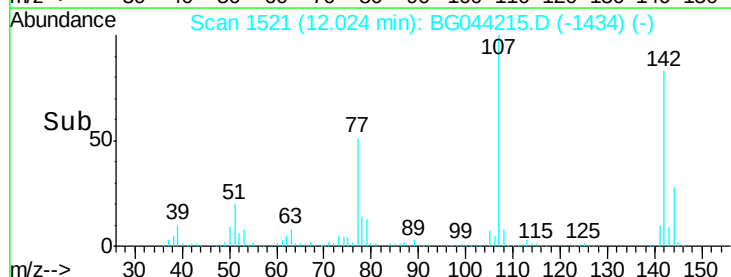
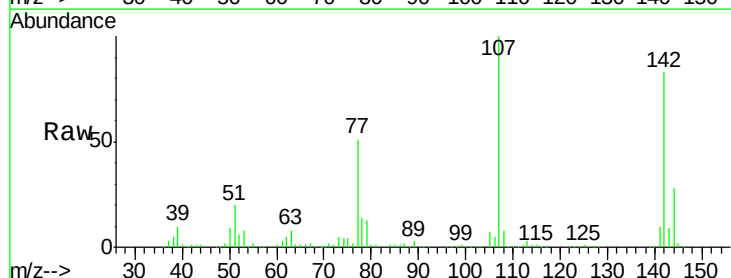
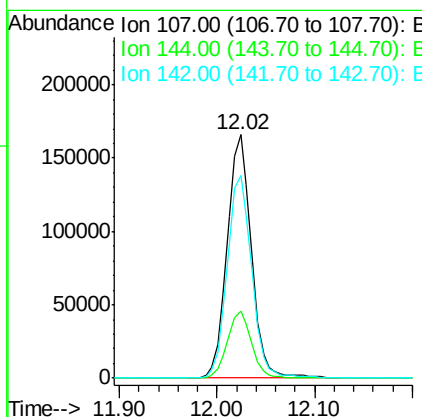
RT: 12.02 min Scan# 1521

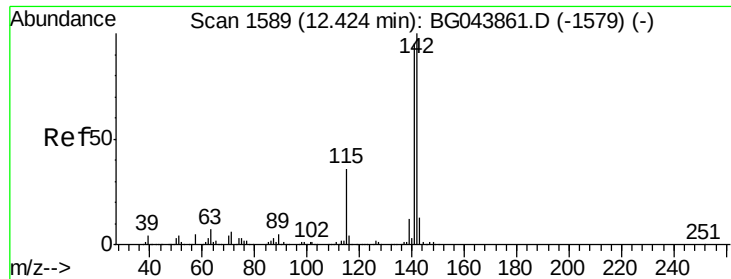
Delta R.T. -0.02 min

Lab File: BG044215.D

Acq: 27 Jan 2020 14:53

Tgt Ion:	107	Resp:	286079
Ion	Ratio	Lower	Upper
107	100		
144	27.7	23.4	35.2
142	83.1	66.3	99.5





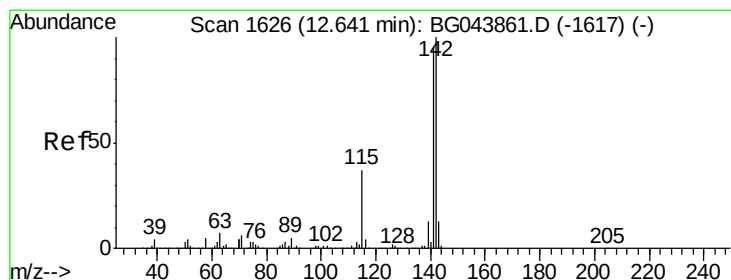
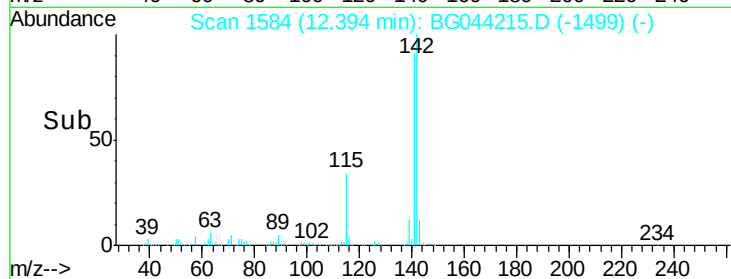
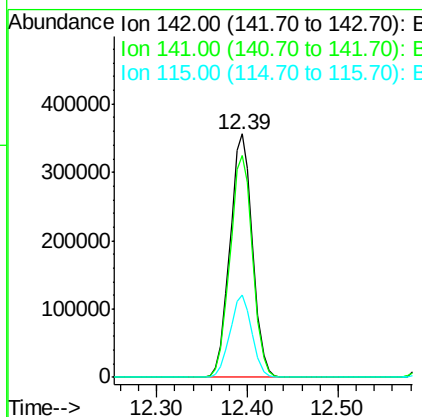
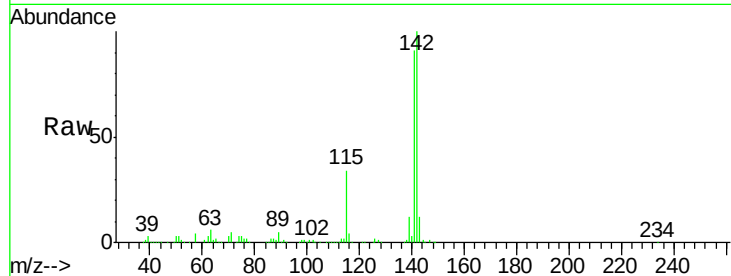
#37
2-Methylnaphthalene
Concen: 43.717 ng
RT: 12.39 min Scan# 1584
Delta R.T. -0.03 min
Lab File: BG044215.D
Acq: 27 Jan 2020 14:53

Instrument :
BNA_G
ClientSampleId :
PB126367BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.4	75.8	113.8
115	33.9	28.6	42.8

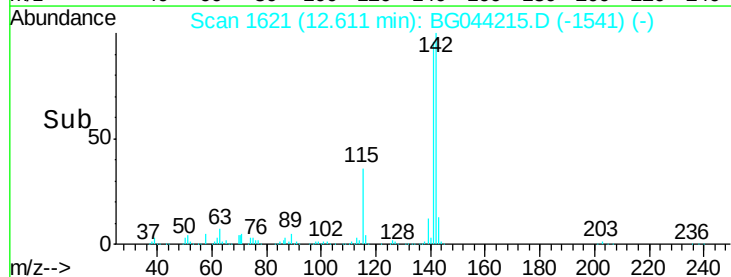
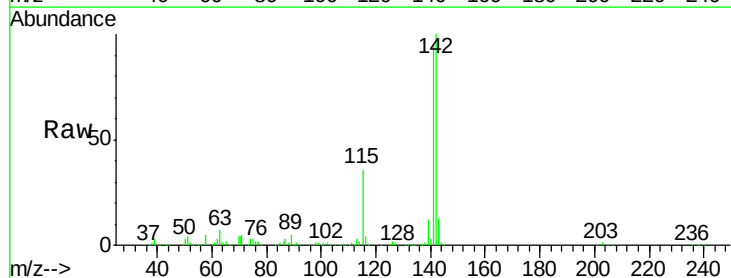
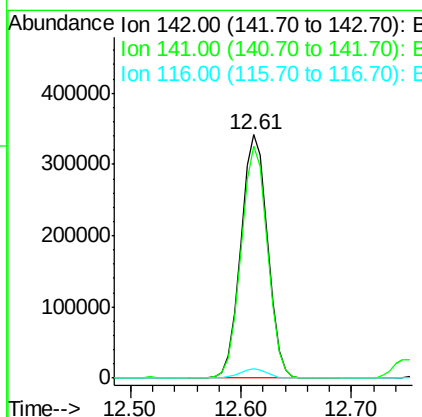
Manual Integrations
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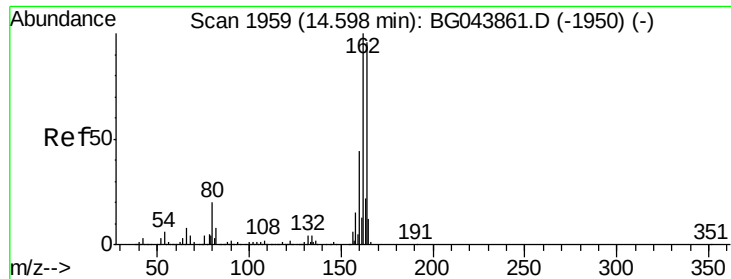
mohammad
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#38
1-Methylnaphthalene
Concen: 43.478 ng
RT: 12.61 min Scan# 1621
Delta R.T. -0.03 min
Lab File: BG044215.D
Acq: 27 Jan 2020 14:53

Tgt Ion	Ratio	Lower	Upper
142	100		
141	95.5	76.0	114.0
116	3.8	3.1	4.7





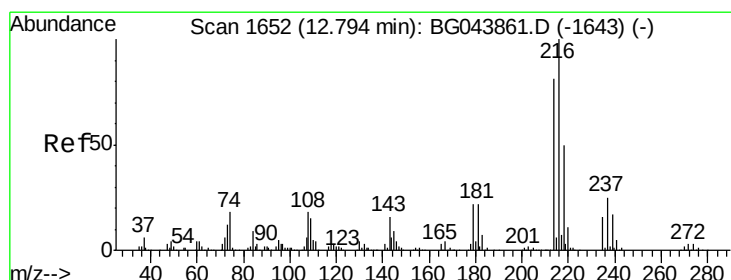
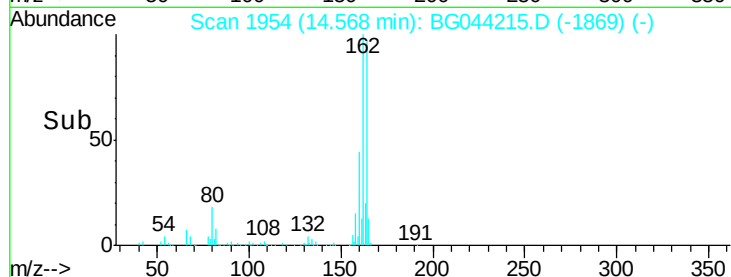
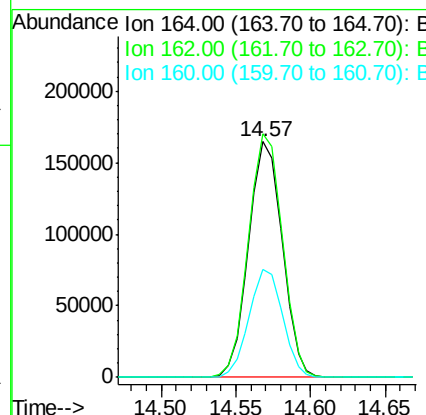
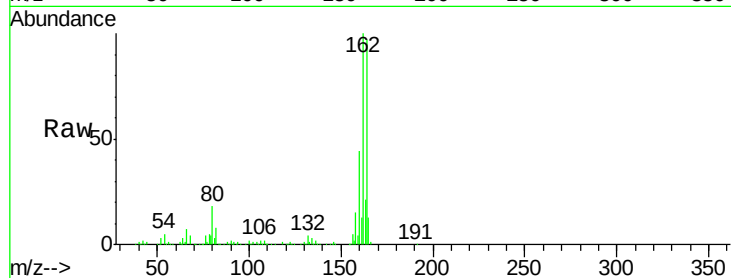
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.57 min Scan# 1954
Delta R.T. -0.03 min
Lab File: BG044215.D
Acq: 27 Jan 2020 14:53

Instrument :
BNA_G
ClientSampleId :
PB126367BS

Tot Ion	Ratio	Resp	Lower	Upper
164	100	257426		
162	103.4	83.0	124.4	
160	45.6	36.1	54.1	

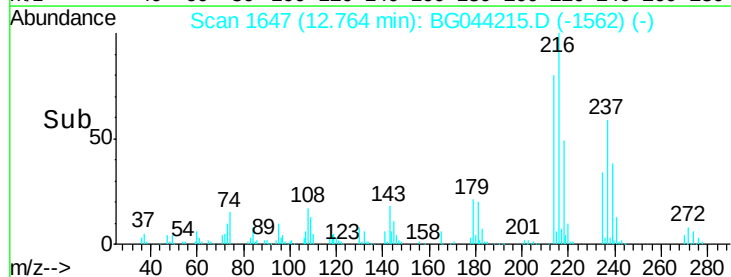
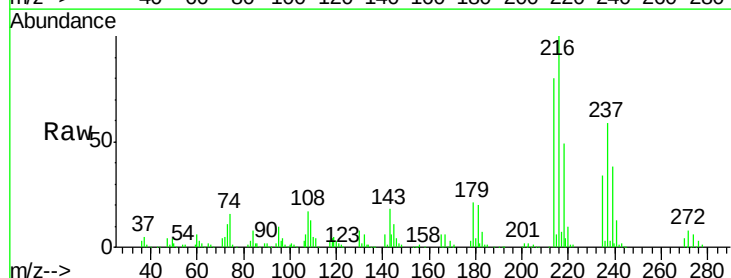
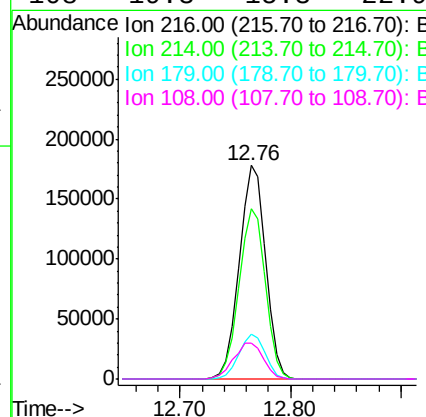
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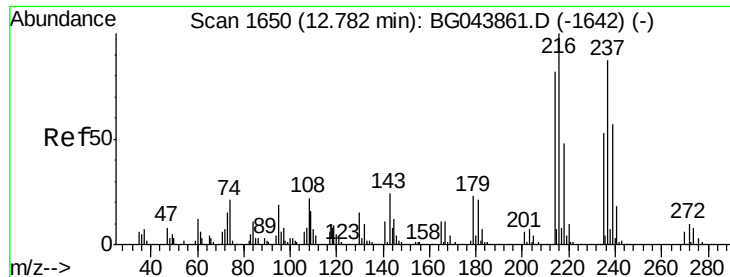
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.547 ng
RT: 12.76 min Scan# 1647
Delta R.T. -0.03 min
Lab File: BG044215.D
Acq: 27 Jan 2020 14:53

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	298392		
214	79.8	63.8	95.8	
179	21.0	17.3	25.9	
108	19.3	15.3	22.9	





#41

Hexachlorocyclopentadiene

Concen: 93.478 ng

RT: 12.75 min Scan# 1645

Delta R.T. -0.03 min

Lab File: BG044215.D

Acq: 27 Jan 2020 14:53

Instrument :

BNA_G

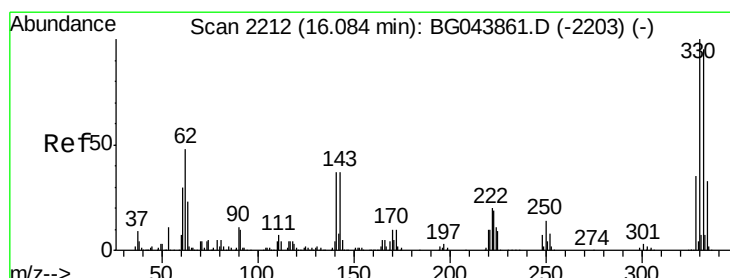
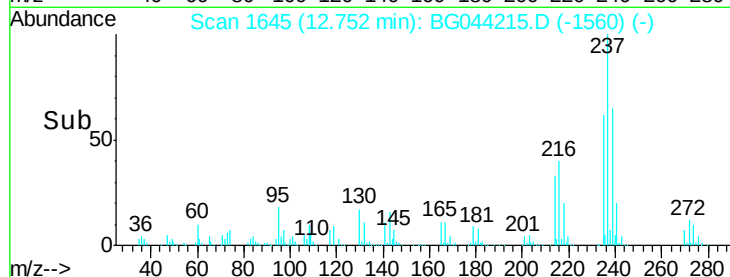
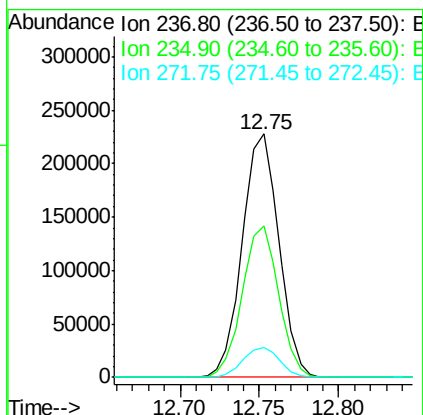
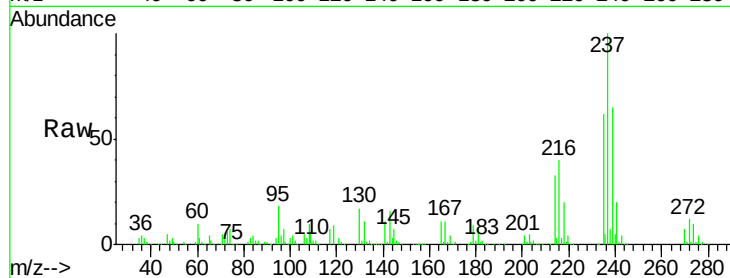
ClientSampleId :

PB126367BS

Tot Ion:	237	Resp:	365657
Ion Ratio	Lower	Upper	
237	100		
235	62.0	41.1	81.1
272	12.4	0.0	31.7

Manual Integrations
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#42

2,4,6-Tribromophenol

Concen: 119.282 ng

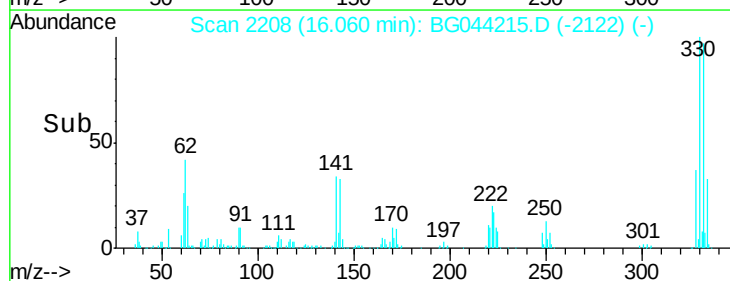
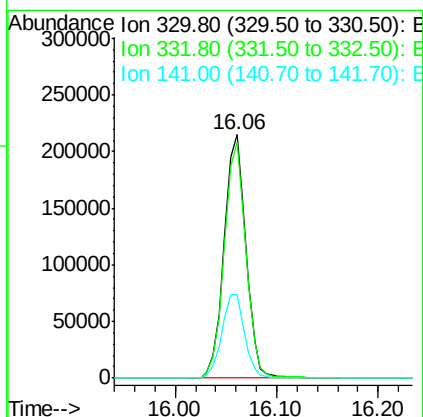
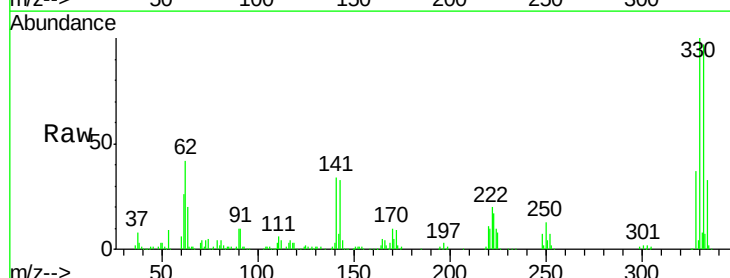
RT: 16.06 min Scan# 2208

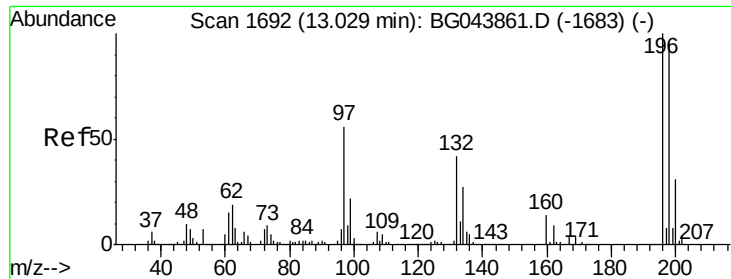
Delta R.T. -0.02 min

Lab File: BG044215.D

Acq: 27 Jan 2020 14:53

Tgt Ion:	330	Resp:	321336
Ion Ratio	Lower	Upper	
330	100		
332	96.4	77.2	115.8
141	36.1	33.1	49.7





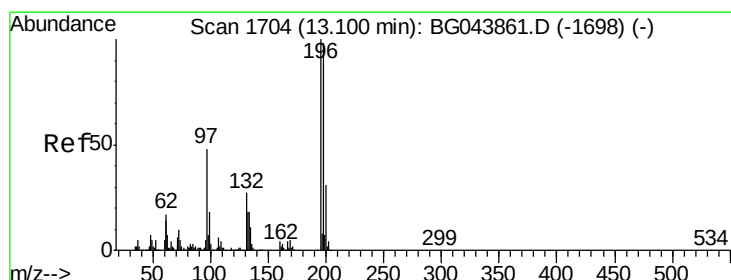
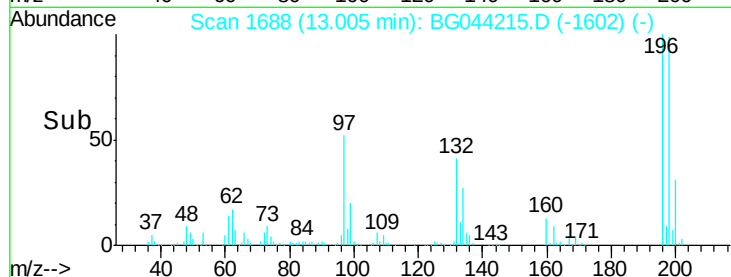
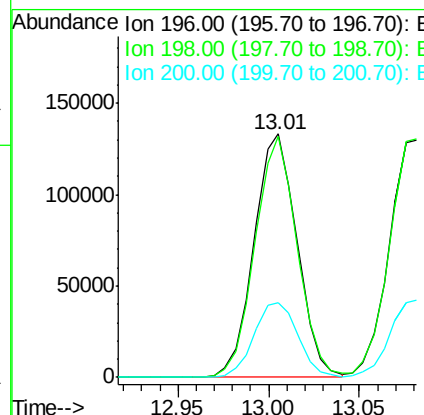
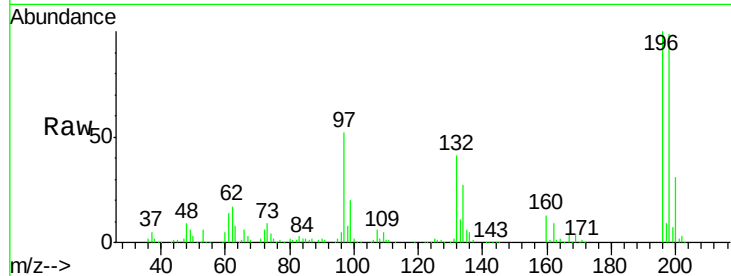
#43
 2,4,6-Trichlorophenol
 Concen: 42.238 ng
 RT: 13.01 min Scan# 1688
 Delta R.T. -0.02 min
 Lab File: BG044215.D
 Acq: 27 Jan 2020 14:53

Instrument :
 BNA_G
 ClientSampled :
 PB126367BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	219284		
198	99.0	76.6	115.0	
200	30.7	24.6	37.0	

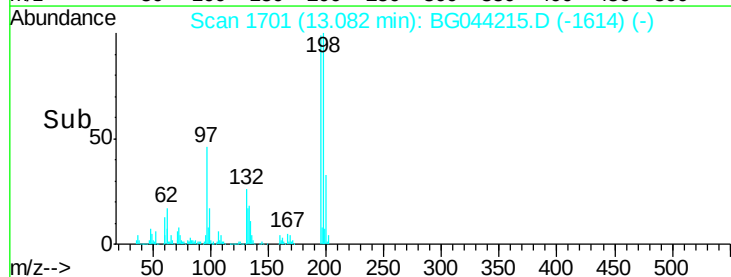
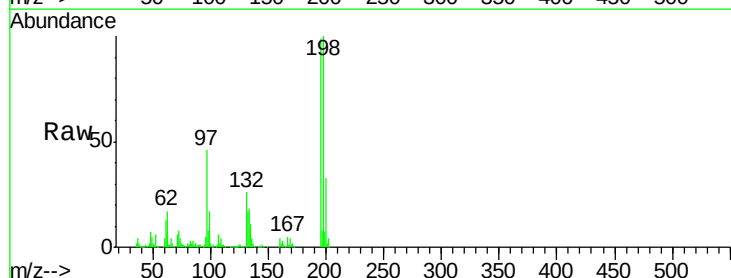
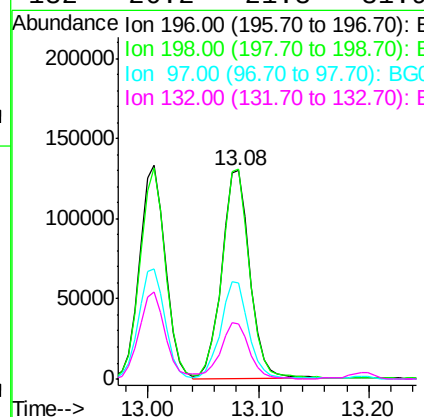
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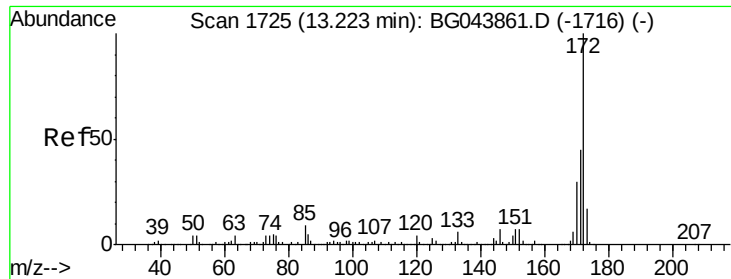
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 42.768 ng
 RT: 13.08 min Scan# 1701
 Delta R.T. -0.02 min
 Lab File: BG044215.D
 Acq: 27 Jan 2020 14:53

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	229006		
198	100.5	78.3	117.5	
97	45.9	38.8	58.2	
132	26.2	21.3	31.9	





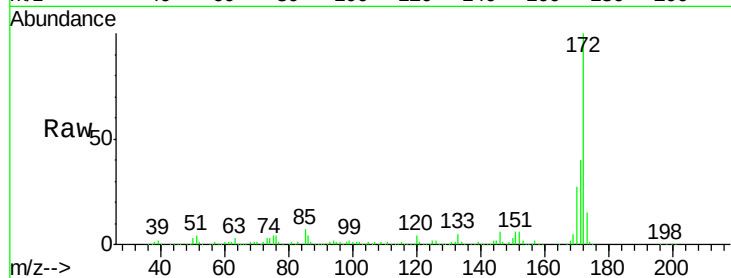
#45
2-Fluorobiphenyl
Concen: 84.512 ng
RT: 13.19 min Scan# 1720
Delta R.T. -0.03 min
Lab File: BG044215.D
Acq: 27 Jan 2020 14:53

Instrument :
BNA_G
ClientSampleId :
PB126367BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	40.1	35.8	53.8
170	27.0	24.2	36.4

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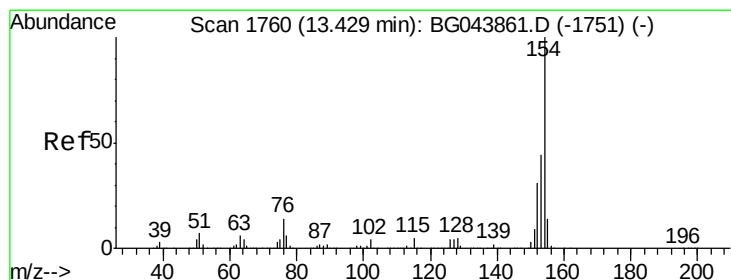
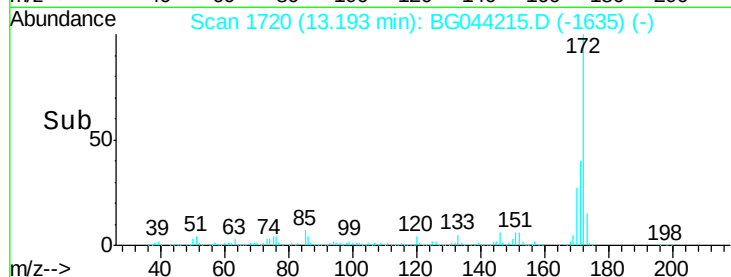
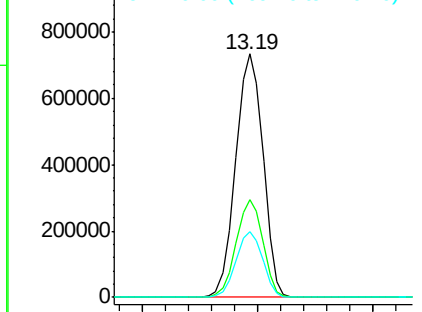


Abundance

Ion 172.00 (171.70 to 172.70): E

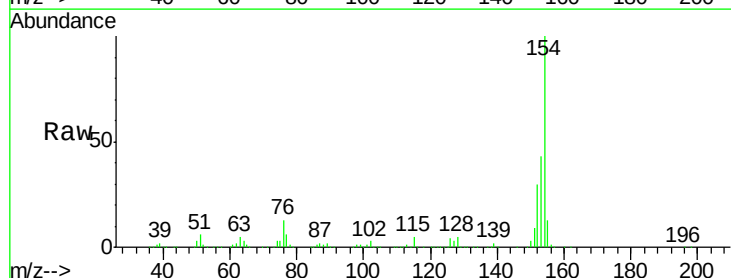
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 41.907 ng
RT: 13.40 min Scan# 1756
Delta R.T. -0.02 min
Lab File: BG044215.D
Acq: 27 Jan 2020 14:53

Tgt Ion	Ratio	Lower	Upper
154	100		
153	43.1	23.6	63.6
76	12.8	0.0	34.4

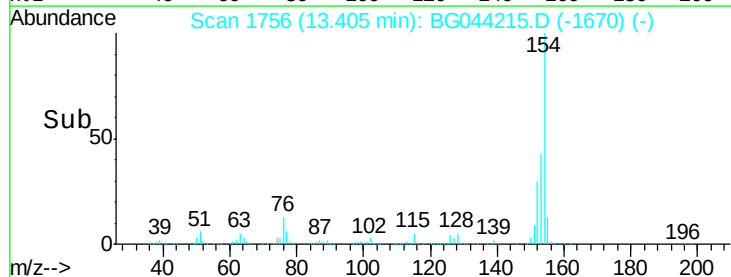
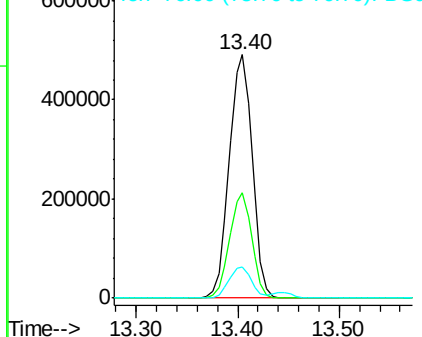


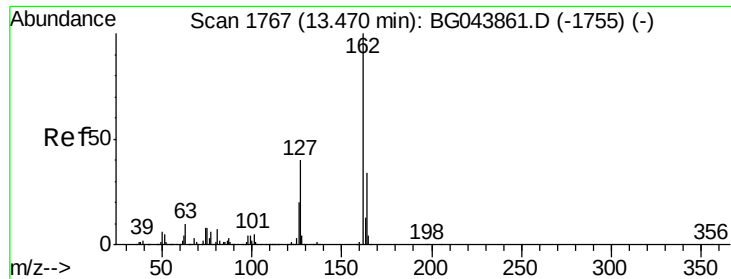
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BG





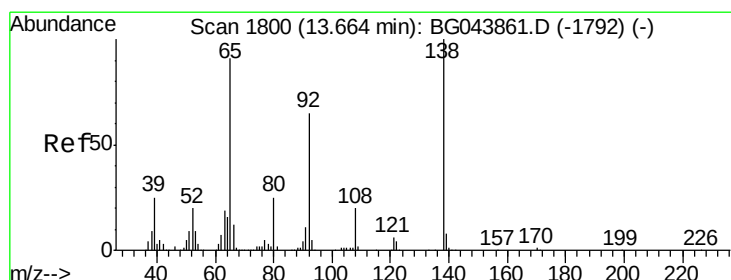
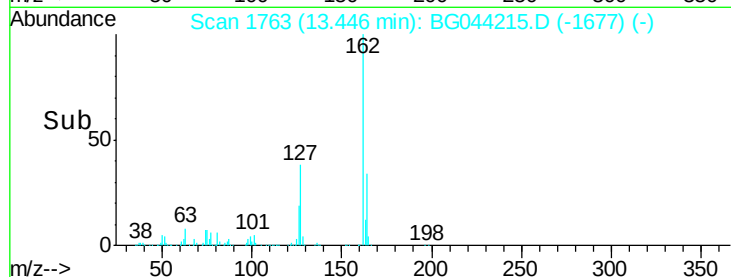
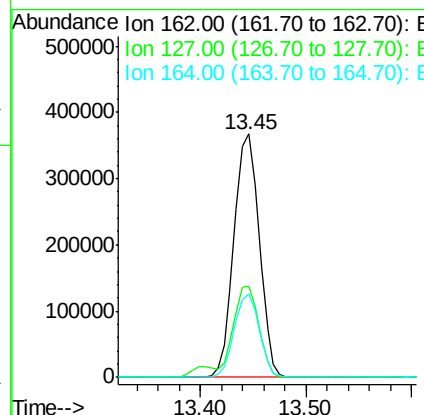
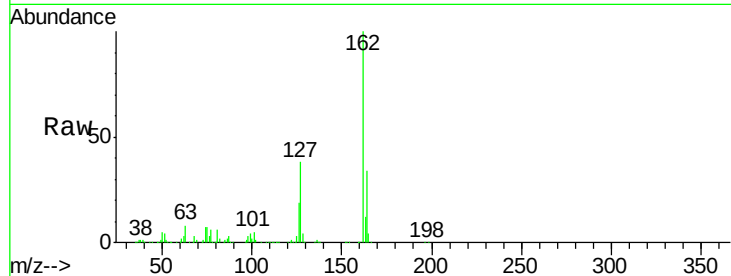
#47
 2-Chloronaphthalene
 Concen: 40.746 ng
 RT: 13.45 min Scan# 1763
 Delta R.T. -0.02 min
 Lab File: BG044215.D
 Acq: 27 Jan 2020 14:53

Instrument :
 BNA_G
 ClientSampleId :
 PB126367BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	37.7	32.1	48.1
164	34.3	27.5	41.3

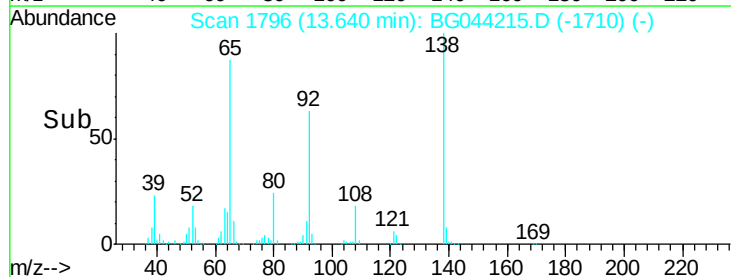
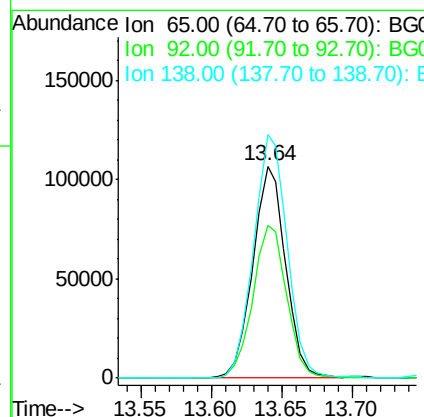
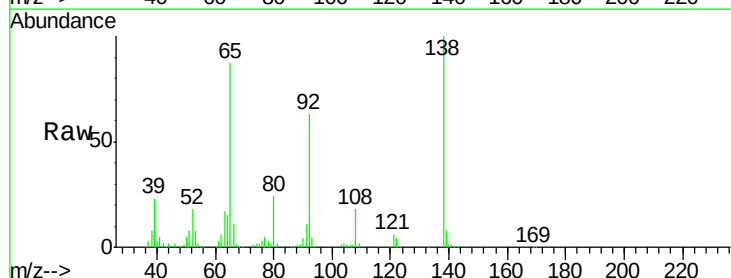
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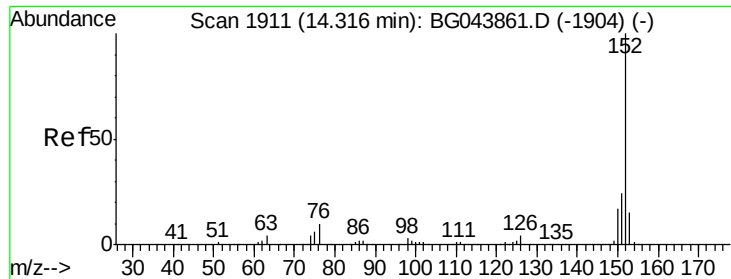
mohammad
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#48
 2-Nitroaniline
 Concen: 36.252 ng
 RT: 13.64 min Scan# 1796
 Delta R.T. -0.02 min
 Lab File: BG044215.D
 Acq: 27 Jan 2020 14:53

Tgt Ion	Ratio	Lower	Upper
65	100		
92	72.1	57.4	86.2
138	114.7	88.2	132.4





#49

Acenaphthylene

Concen: 44.397 ng

RT: 14.29 min Scan# 1907

Delta R.T. -0.02 min

Lab File: BG044215.D

Acq: 27 Jan 2020 14:53

Instrument :

BNA_G

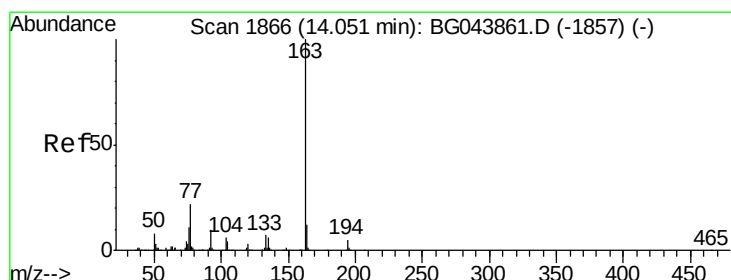
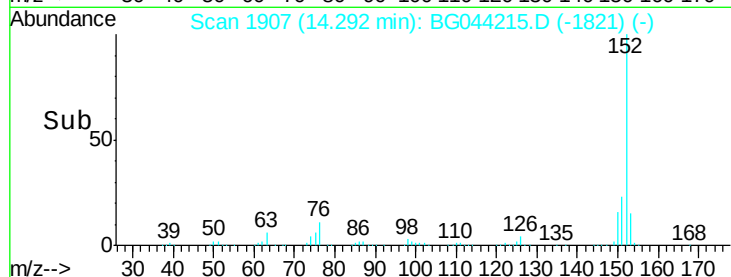
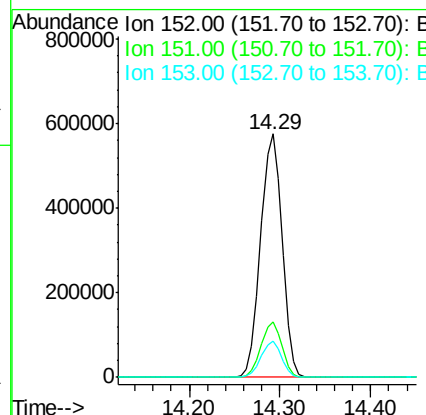
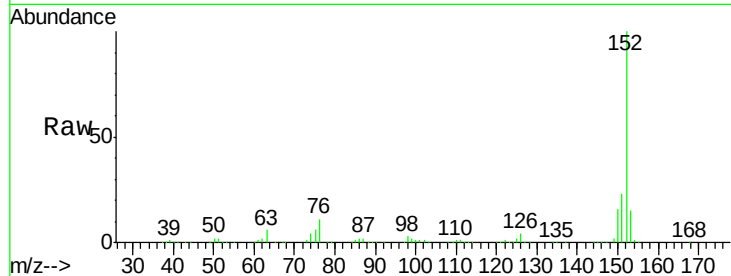
ClientSampleId :

PB126367BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
152	100		951712		
151	22.9	19.4	29.2		
153	14.7	12.0	18.0		

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#50

Dimethylphthalate

Concen: 41.234 ng

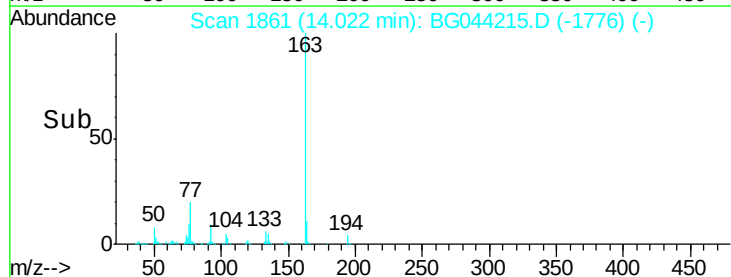
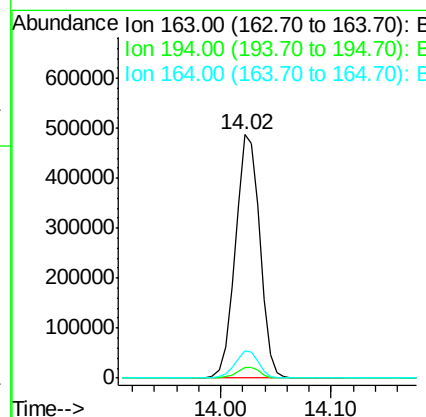
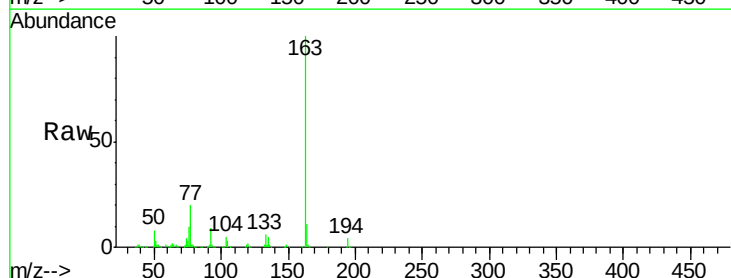
RT: 14.02 min Scan# 1861

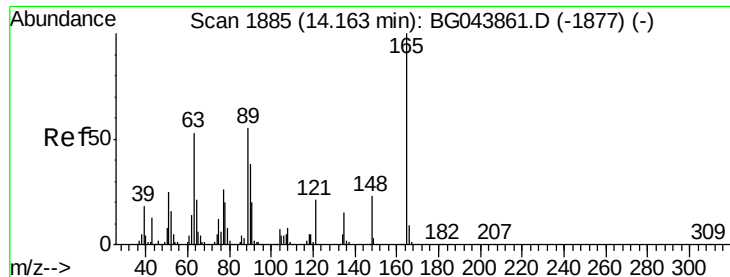
Delta R.T. -0.03 min

Lab File: BG044215.D

Acq: 27 Jan 2020 14:53

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
163	100		753691		
194	4.3	3.7	5.5		
164	11.1	9.3	13.9		





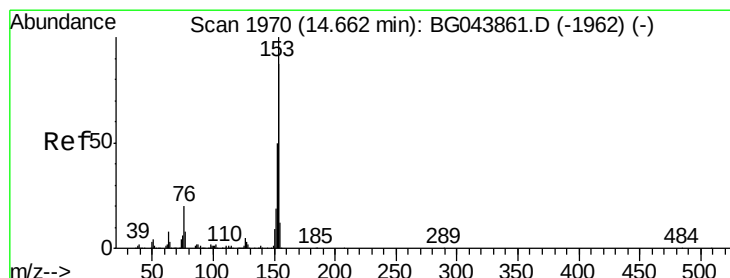
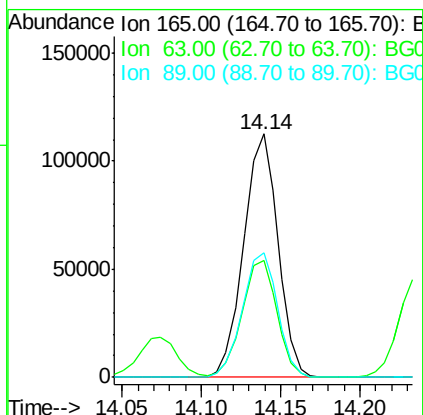
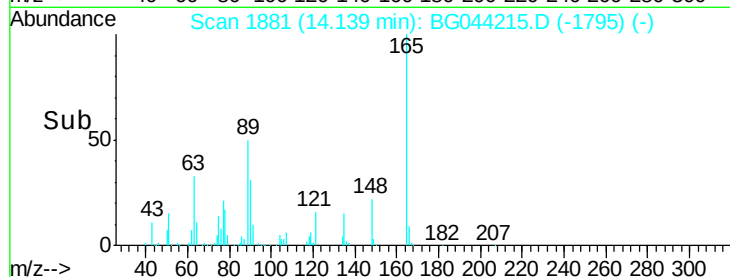
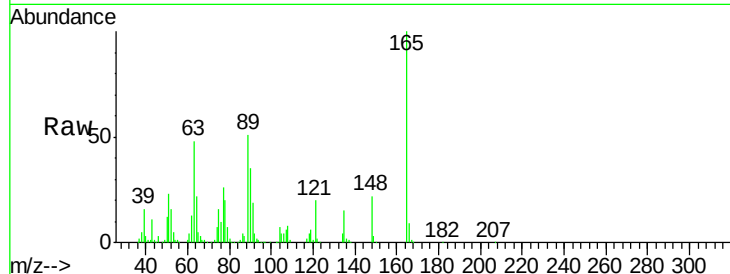
#51
2,6-Dinitrotoluene
Concen: 40.953 ng
RT: 14.14 min Scan# 1881
Delta R.T. -0.02 min
Lab File: BG044215.D
Acq: 27 Jan 2020 14:53

Instrument :
BNA_G
ClientSampled :
PB126367BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	169190		
63	48.0		43.1	64.7
89	50.9		43.8	65.6

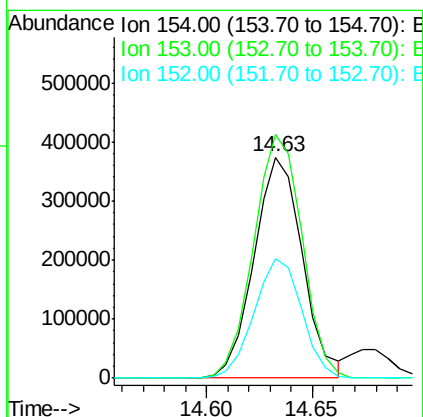
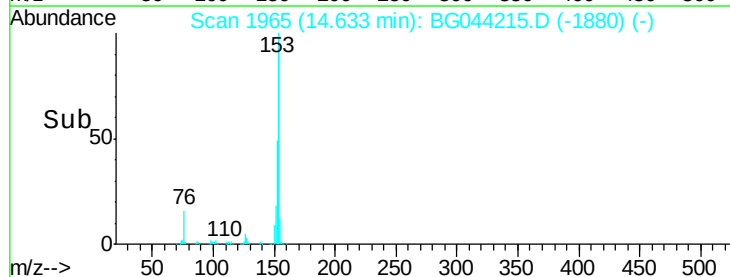
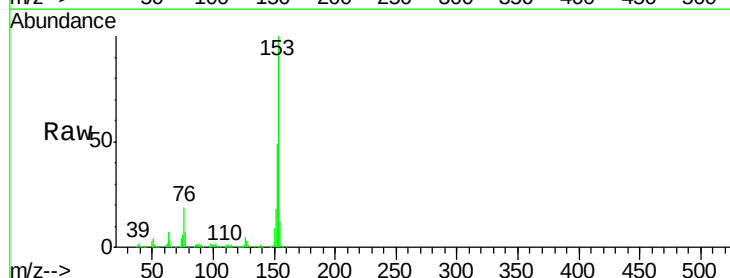
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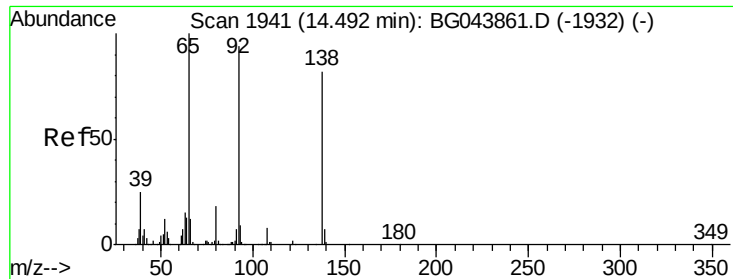
mohammad
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#52
Acenaphthene
Concen: 39.519 ng
RT: 14.63 min Scan# 1965
Delta R.T. -0.03 min
Lab File: BG044215.D
Acq: 27 Jan 2020 14:53

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	594099		
153	110.4		91.6	137.4
152	54.3		45.4	68.0





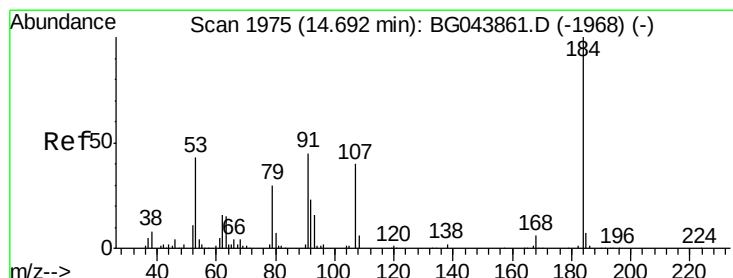
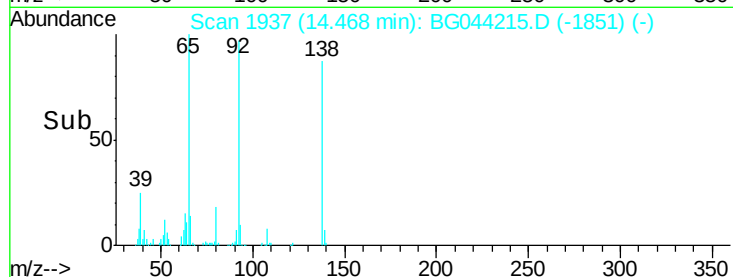
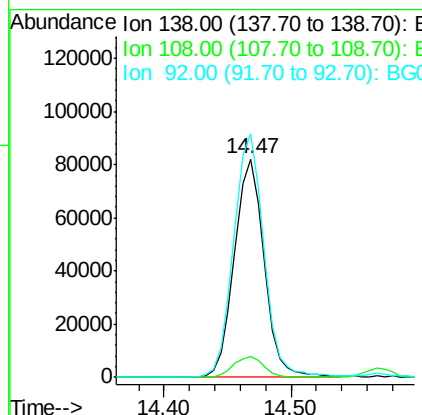
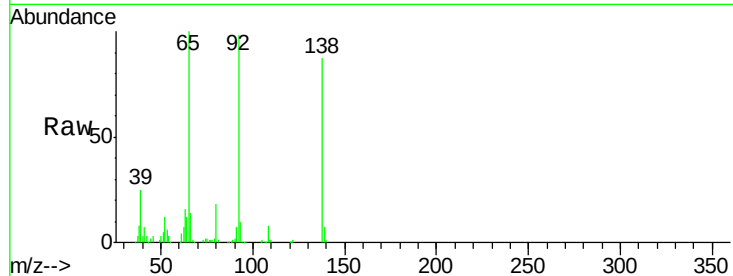
#53
 3-Nitroaniline
 Concen: 28.500 ng
 RT: 14.47 min Scan# 1937
 Delta R.T. -0.02 min
 Lab File: BG044215.D
 Acq: 27 Jan 2020 14:53

Instrument :
 BNA_G
 ClientSampleId :
 PB126367BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.5	7.4	11.2
92	111.5	92.1	138.1

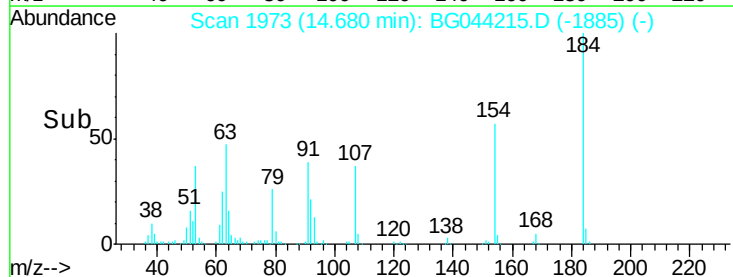
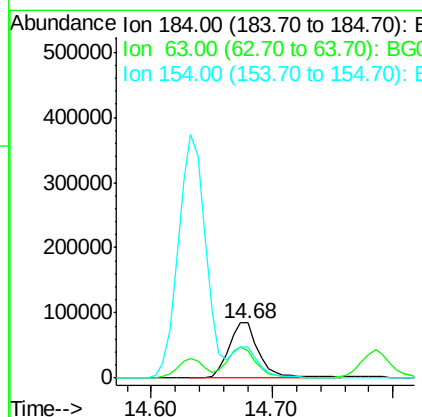
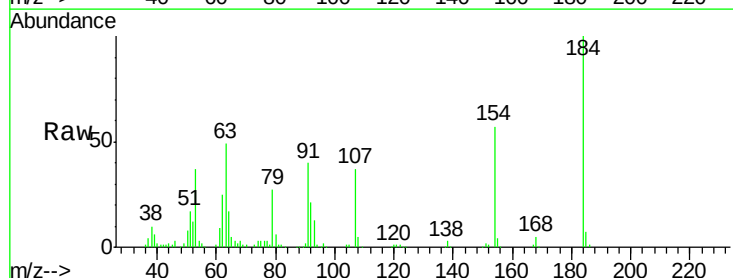
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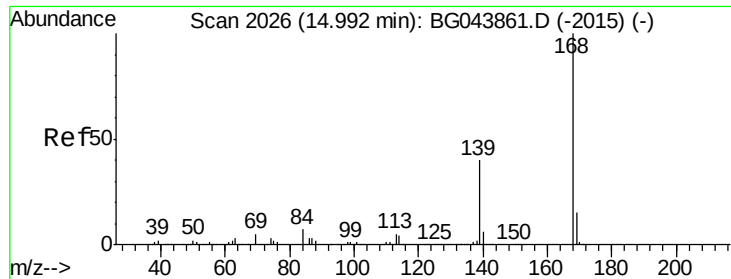
mohammad
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#54
 2,4-Dinitrophenol
 Concen: 71.560 ng
 RT: 14.68 min Scan# 1973
 Delta R.T. -0.01 min
 Lab File: BG044215.D
 Acq: 27 Jan 2020 14:53

Tgt Ion	Ratio	Lower	Upper
184	100		
63	49.1	46.6	70.0
154	57.3	50.2	75.4





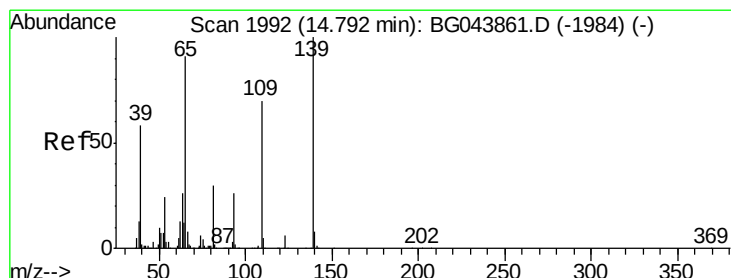
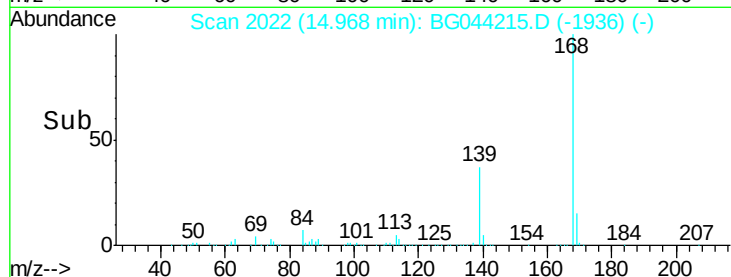
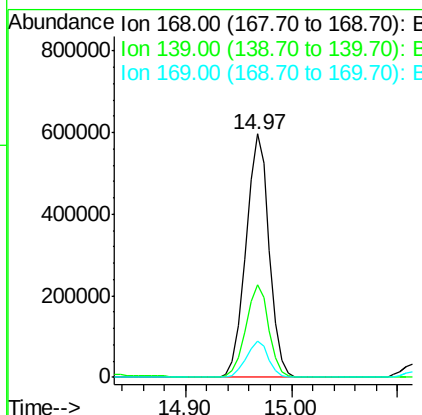
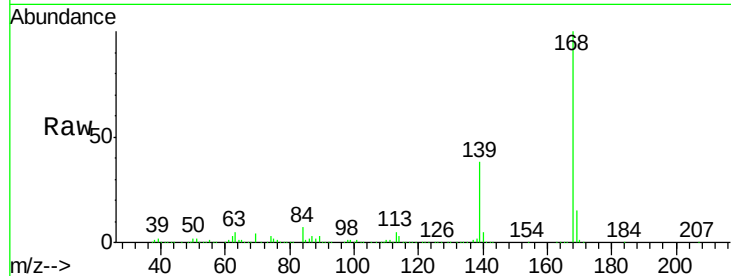
#55
Dibenzenofuran
Concen: 43.851 ng
RT: 14.97 min Scan# 2022
Delta R.T. -0.02 min
Lab File: BG044215.D
Acq: 27 Jan 2020 14:53

Instrument :
BNA_G
ClientSampleId :
PB126367BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.8	32.2	48.2
169	15.0	12.2	18.2

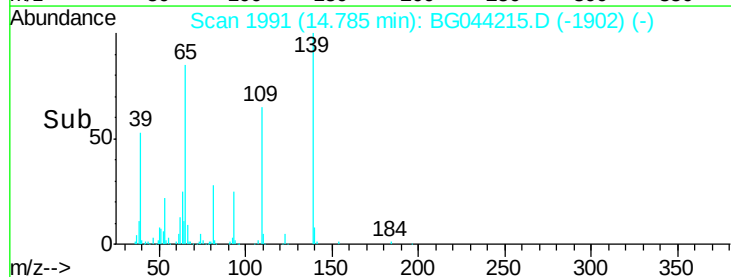
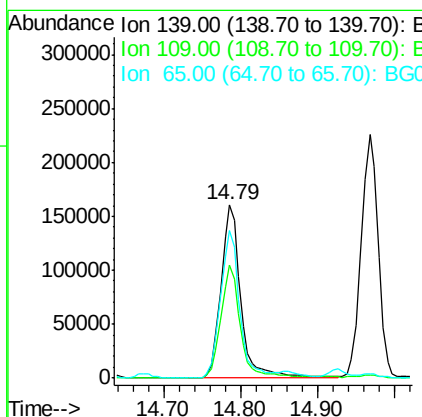
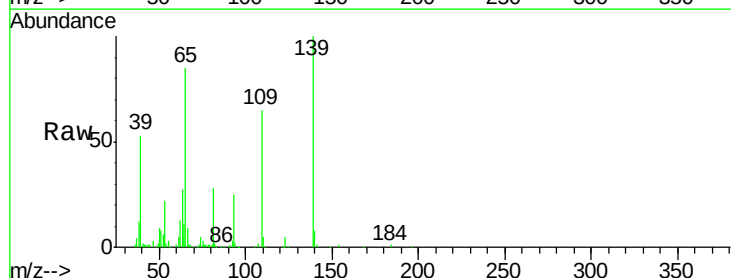
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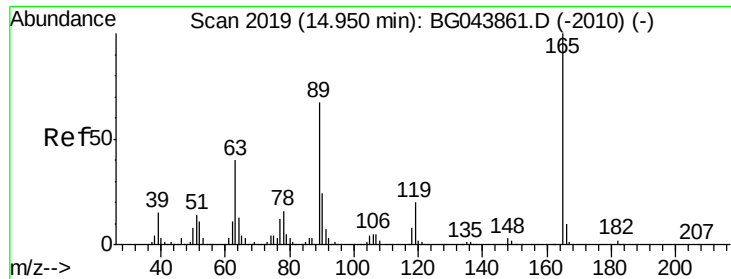
mohammad
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#56
4-Nitrophenol
Concen: 80.931 ng
RT: 14.79 min Scan# 1991
Delta R.T. -0.01 min
Lab File: BG044215.D
Acq: 27 Jan 2020 14:53

Tgt Ion	Ratio	Lower	Upper
139	100		
109	65.1	50.4	90.4
65	84.8	71.4	111.4





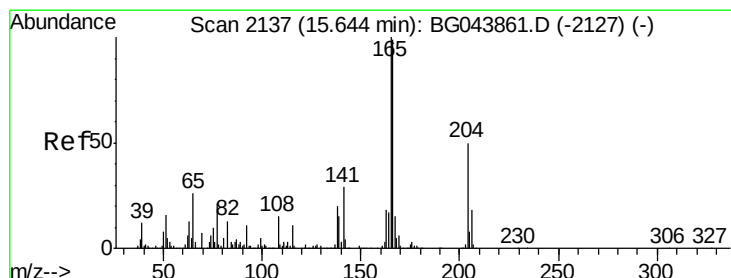
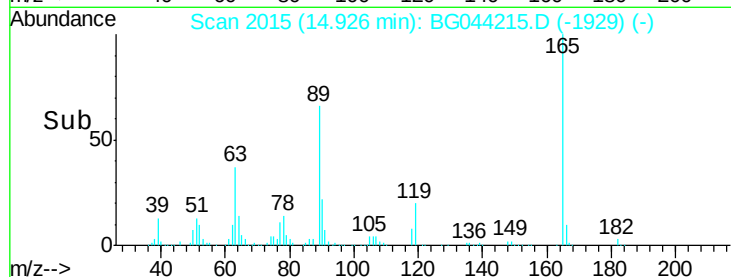
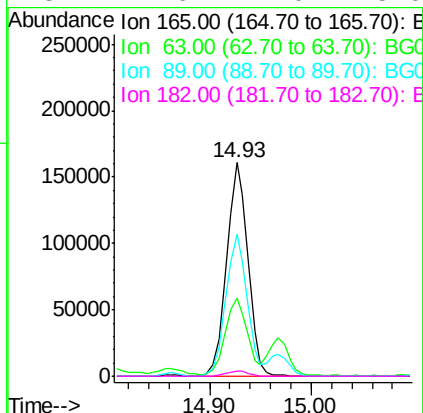
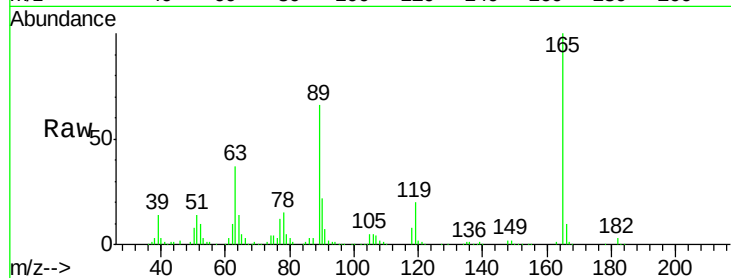
#57
2,4-Dinitrotoluene
Concen: 41.553 ng
RT: 14.93 min Scan# 2015
Delta R.T. -0.02 min
Lab File: BG044215.D
Acq: 27 Jan 2020 14:53

Instrument :
BNA_G
ClientSampleId :
PB126367BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	233588		
63	36.7		31.9	47.9
89	66.3		53.8	80.6
182	2.6		2.0	3.0

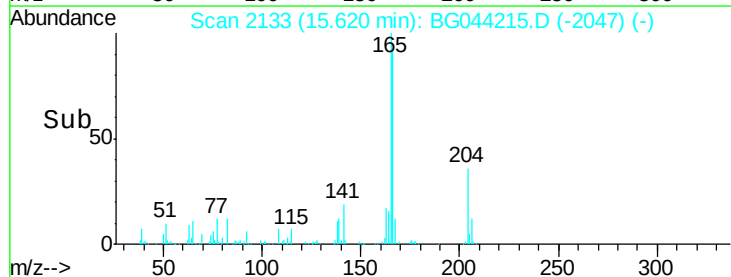
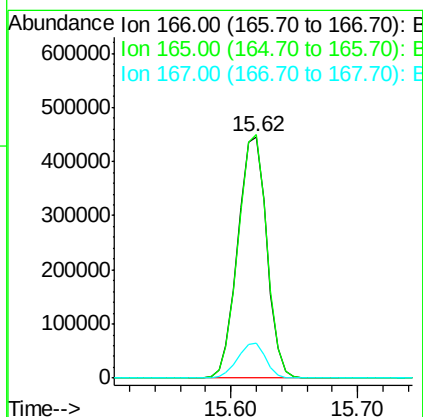
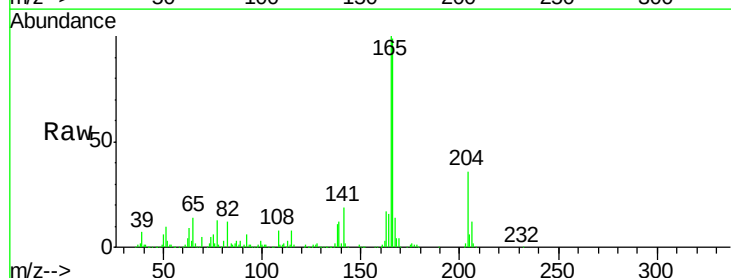
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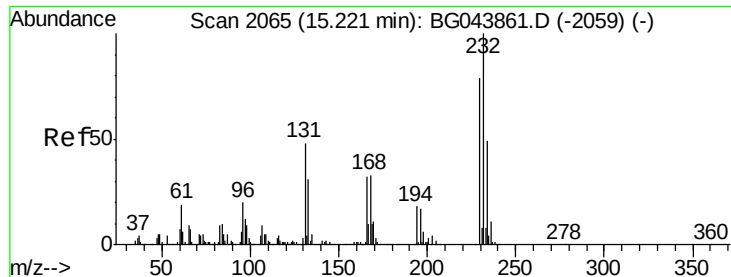
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#58
Fluorene
Concen: 42.832 ng
RT: 15.62 min Scan# 2133
Delta R.T. -0.02 min
Lab File: BG044215.D
Acq: 27 Jan 2020 14:53

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	702556		
165	100.8		80.8	121.2
167	14.6		12.1	18.1





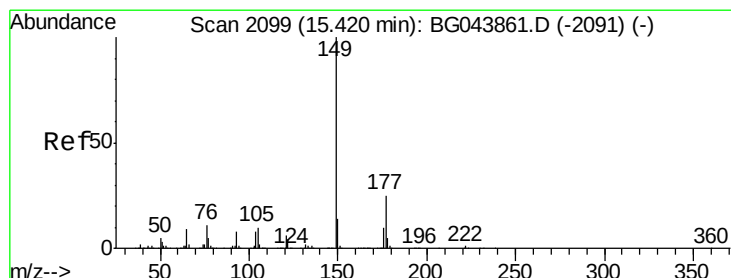
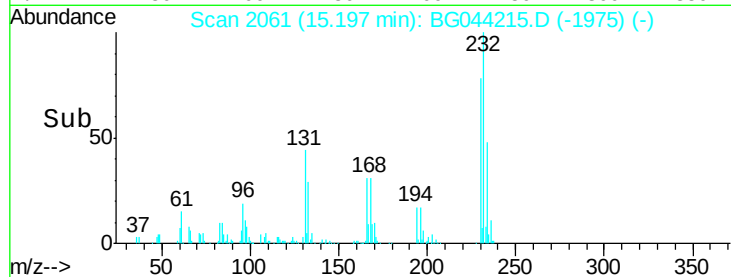
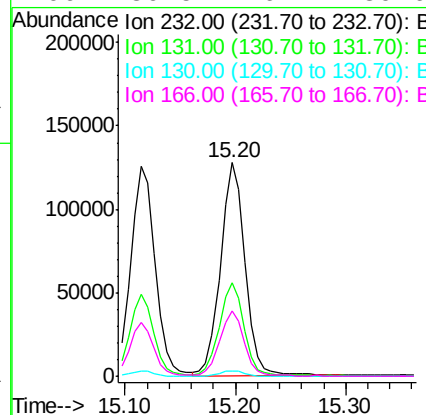
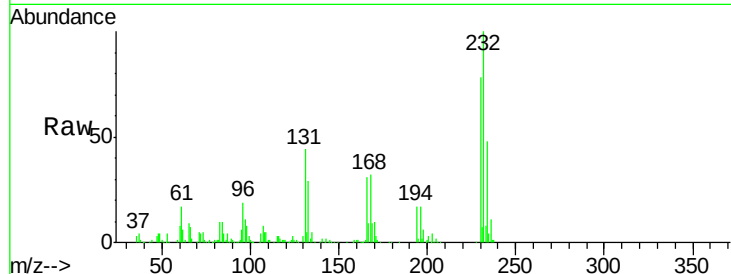
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 42.587 ng
 RT: 15.20 min Scan# 2061
 Delta R.T. -0.02 min
 Lab File: BG044215.D
 Acq: 27 Jan 2020 14:53

Instrument :
 BNA_G
 ClientSampleId :
 PB126367BS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	196084		
131	44.1	38.2	57.2	
130	2.6	2.2	3.2	
166	30.5	26.4	39.6	

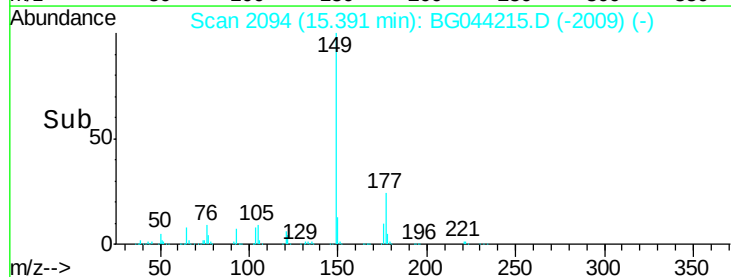
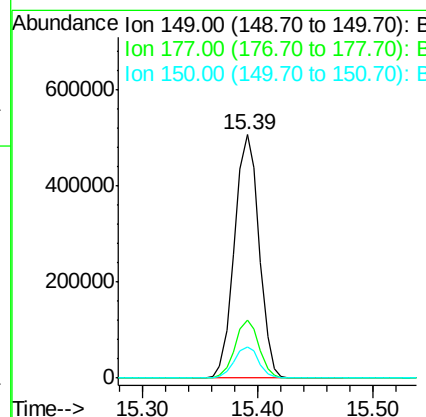
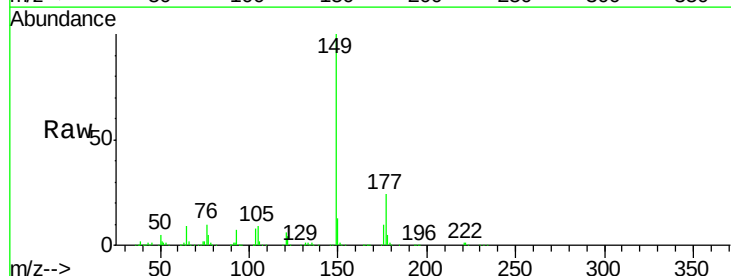
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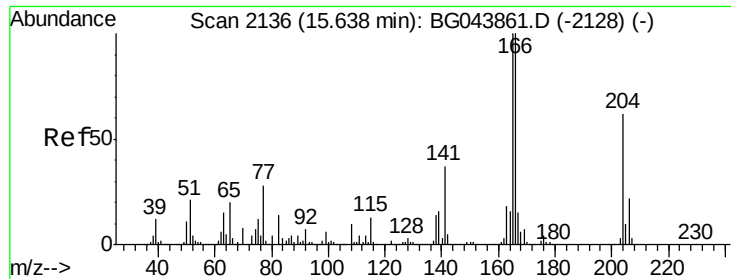
mohammad
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#60
 Diethylphthalate
 Concen: 40.915 ng
 RT: 15.39 min Scan# 2094
 Delta R.T. -0.03 min
 Lab File: BG044215.D
 Acq: 27 Jan 2020 14:53

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	748009		
177	24.0	20.0	30.0	
150	13.0	11.1	16.7	





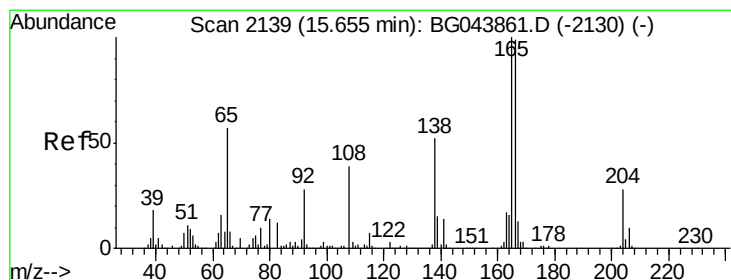
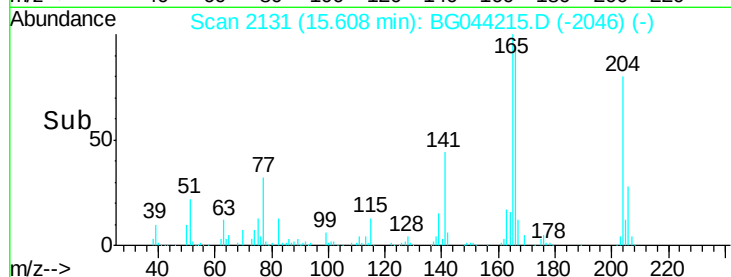
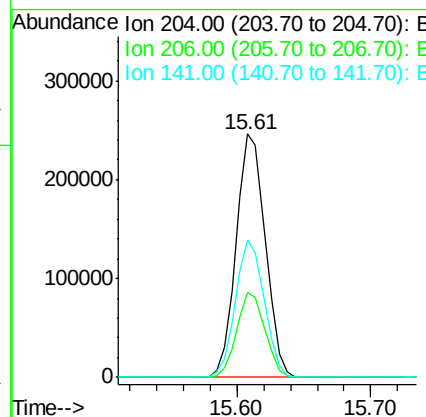
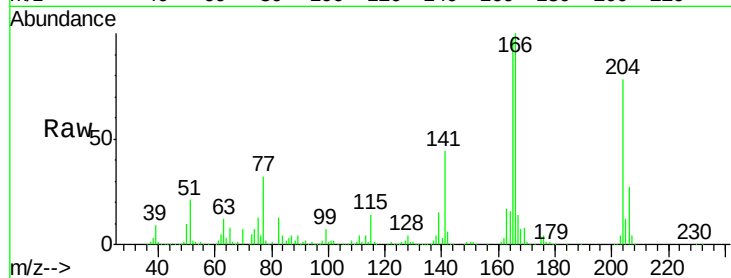
#61
 4-Chlorophenyl-phenylether
 Concen: 42.008 ng
 RT: 15.61 min Scan# 2131
 Delta R.T. -0.03 min
 Lab File: BG044215.D
 Acq: 27 Jan 2020 14:53

Instrument :
 BNA_G
 ClientSampleId :
 PB126367BS

Tot Ion:	204	Resp:	374152
Ion Ratio	Lower	Upper	
204	100		
206	34.8	28.2	42.2
141	56.4	48.2	72.2

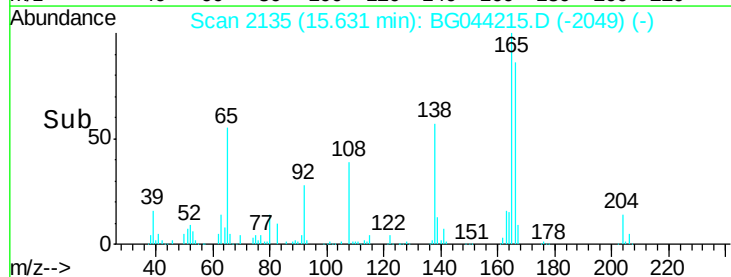
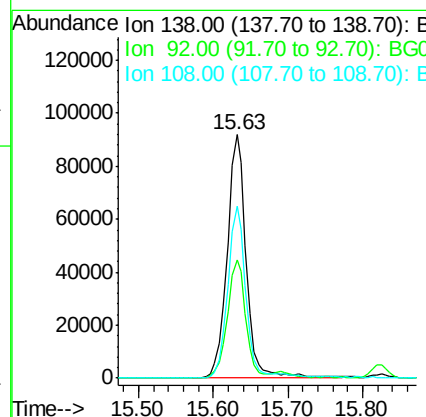
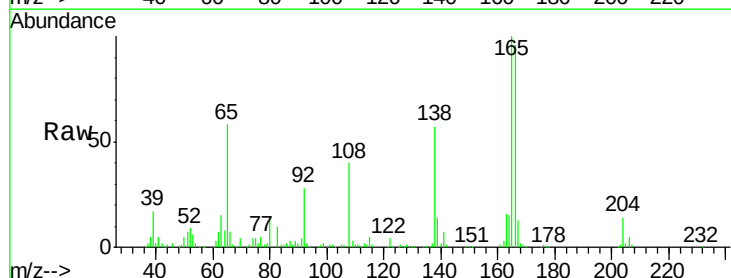
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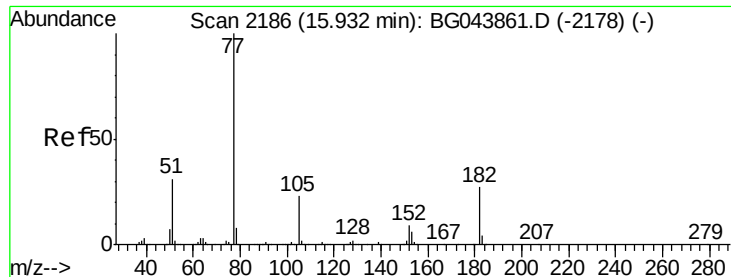
mohammad
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#62
 4-Nitroaniline
 Concen: 35.441 ng
 RT: 15.63 min Scan# 2135
 Delta R.T. -0.02 min
 Lab File: BG044215.D
 Acq: 27 Jan 2020 14:53

Tgt Ion:	138	Resp:	164197
Ion Ratio	Lower	Upper	
138	100		
92	48.4	34.3	74.3
108	70.4	55.0	95.0





#63

Azobenzene

Concen: 40.106 ng

RT: 15.90 min Scan# 2181

Delta R.T. -0.03 min

Lab File: BG044215.D

Acq: 27 Jan 2020 14:53

Instrument :

BNA_G

ClientSampleId :

PB126367BS

Tot Ion: 77 Resp: 679975

Ion Ratio Lower Upper

77 100

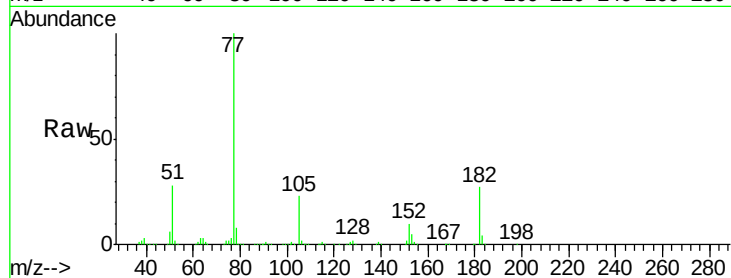
182 27.2 7.3 47.3

105 22.7 3.2 43.2

51 28.5 10.6 50.6

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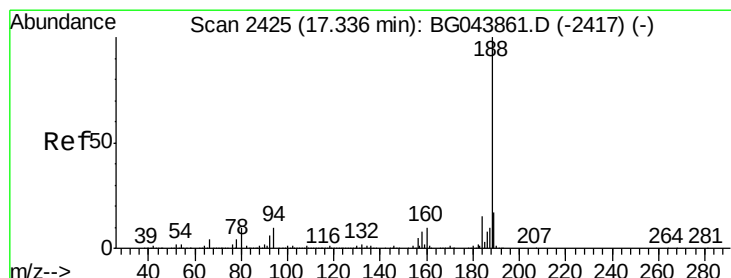
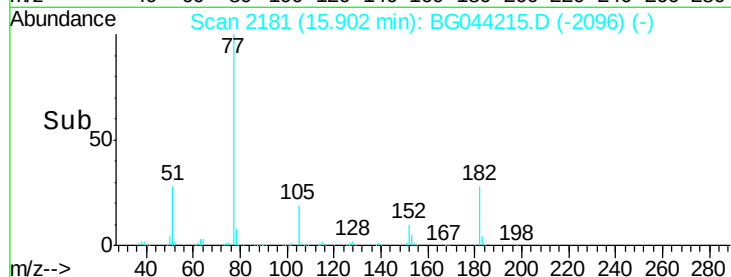
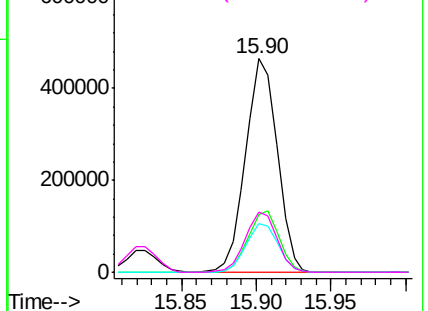


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: BG044215.D

Acq: 27 Jan 2020 14:53

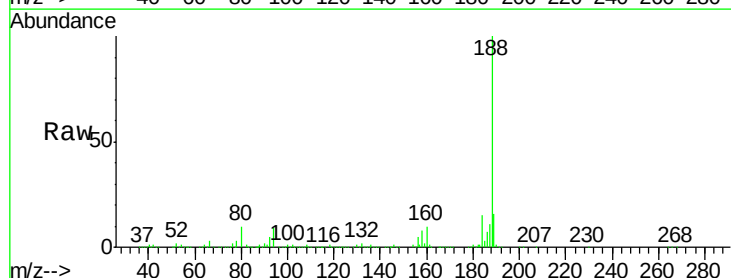
Tgt Ion: 188 Resp: 515108

Ion Ratio Lower Upper

188 100

94 8.8 7.9 11.9

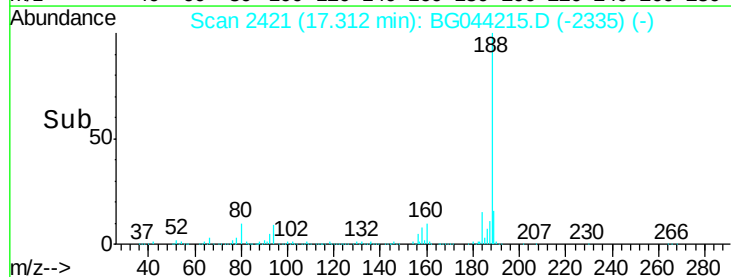
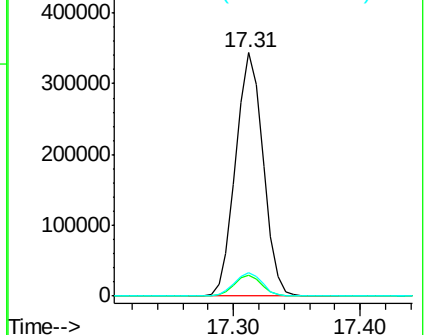
80 9.5 8.2 12.4

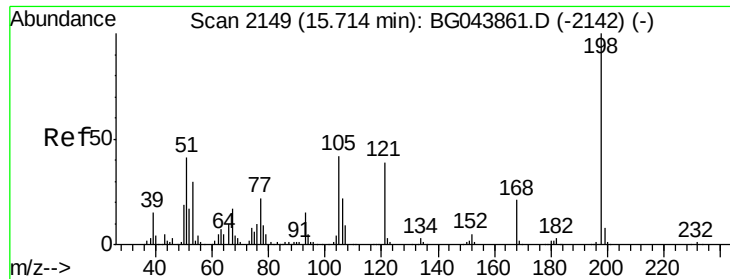


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





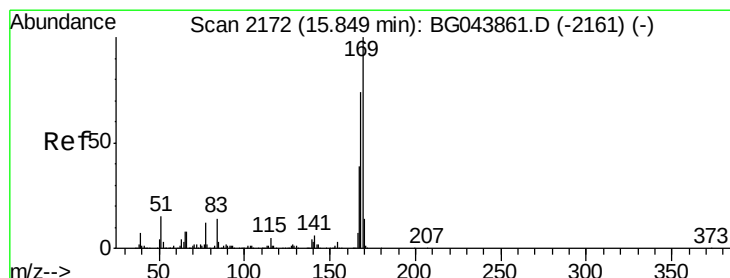
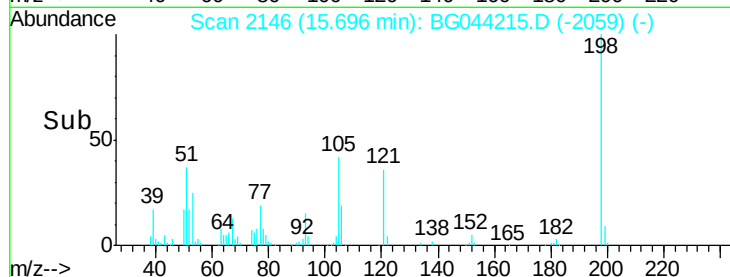
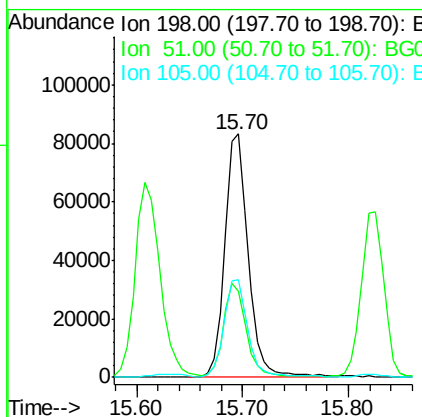
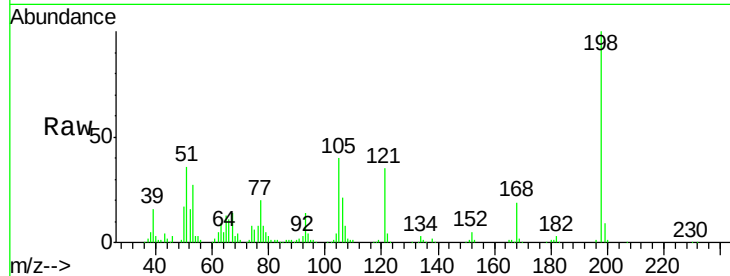
#65
4,6-Dinitro-2-methylphenol
Concen: 47.988 ng
RT: 15.70 min Scan# 2146
Delta R.T. -0.02 min
Lab File: BG044215.D
Acq: 27 Jan 2020 14:53

Instrument :
BNA_G
ClientSampleId :
PB126367BS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	127355		
51	35.5		22.5	62.5
105	40.3		22.3	62.3

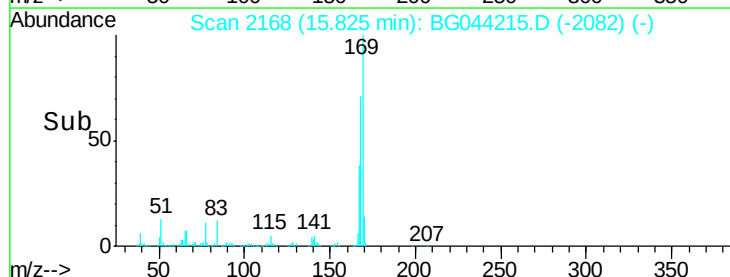
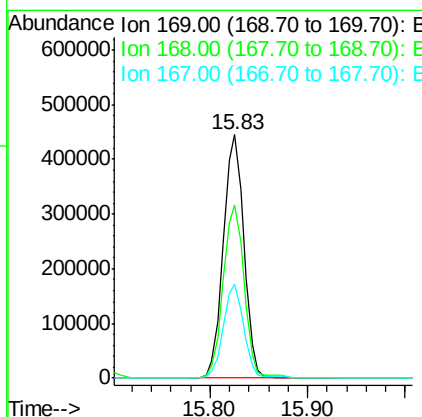
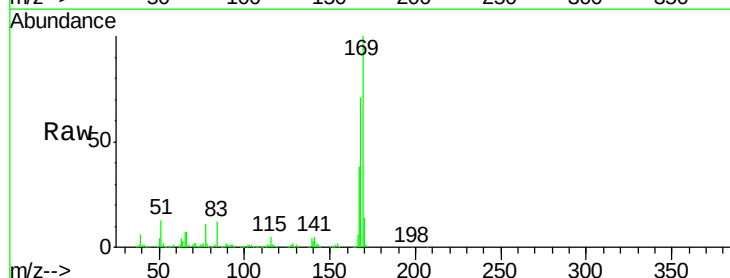
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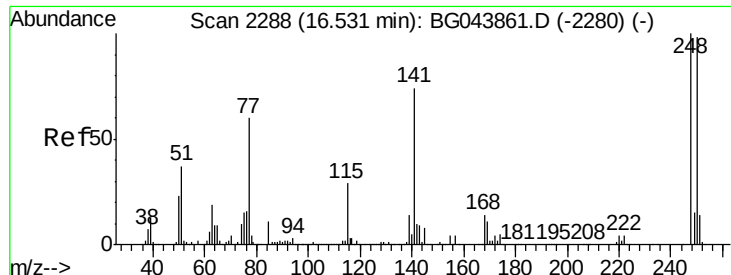
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#66
n-Nitrosodiphenylamine
Concen: 42.925 ng
RT: 15.83 min Scan# 2168
Delta R.T. -0.02 min
Lab File: BG044215.D
Acq: 27 Jan 2020 14:53

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	651140		
168	71.2		59.0	88.6
167	38.4		31.4	47.0





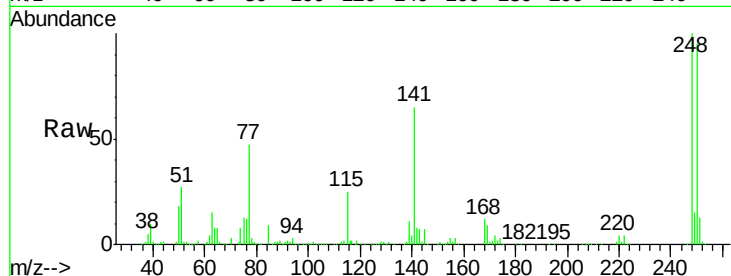
#67
 4-Bromophenyl-phenylether
 Concen: 41.594 ng
 RT: 16.51 min Scan# 2284
 Delta R.T. -0.02 min
 Lab File: BG044215.D
 Acq: 27 Jan 2020 14:53

Instrument :
 BNA_G
 ClientSampleId :
 PB126367BS

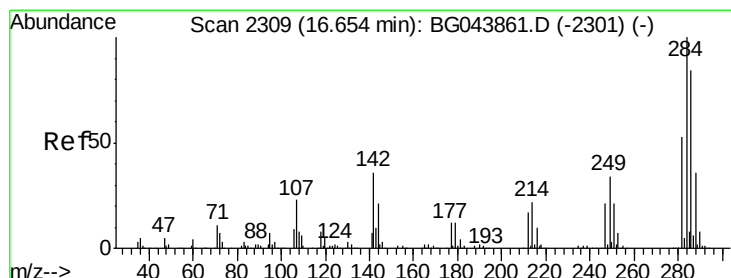
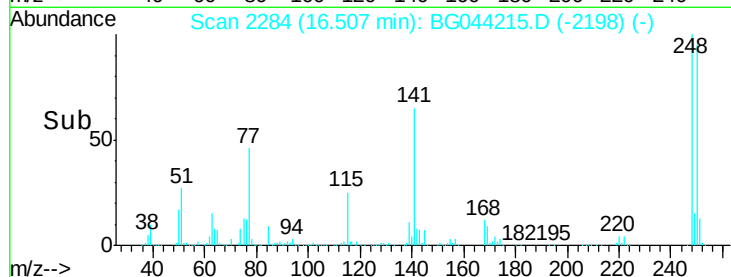
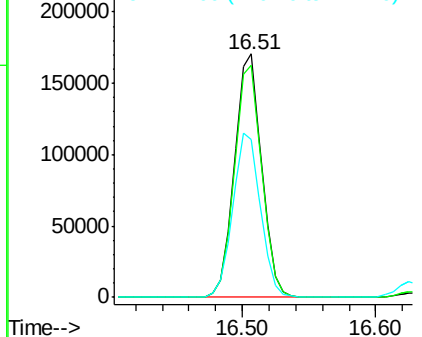
Tot Ion	Ratio	Lower	Upper
248	100		
250	95.5	78.2	117.2
141	64.7	59.3	88.9

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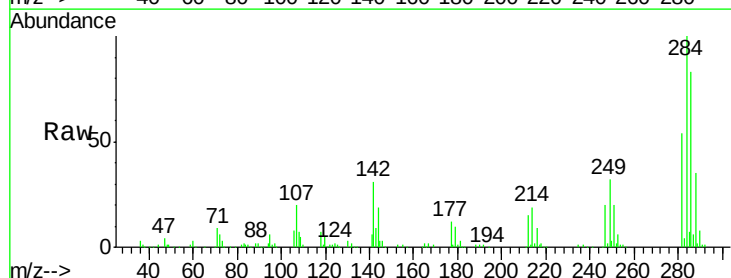


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

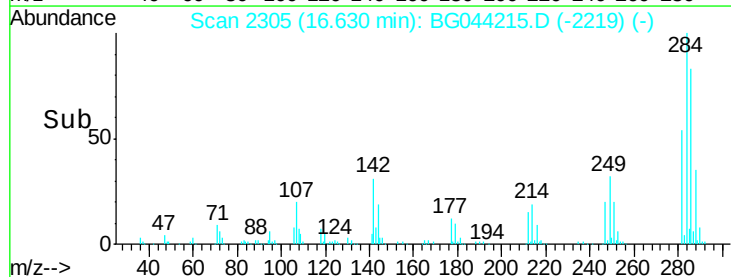
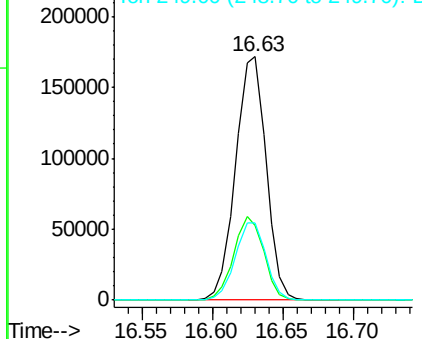


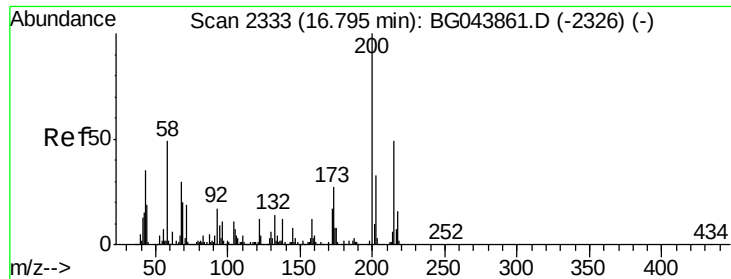
#68
 Hexachlorobenzene
 Concen: 41.558 ng
 RT: 16.63 min Scan# 2305
 Delta R.T. -0.02 min
 Lab File: BG044215.D
 Acq: 27 Jan 2020 14:53

Tgt Ion	Ratio	Lower	Upper
284	100		
142	30.6	28.6	43.0
249	31.6	27.0	40.6



Abundance Ion 283.80 (283.50 to 284.50): E
 Ion 142.00 (141.70 to 142.70): E
 Ion 249.00 (248.70 to 249.70): E





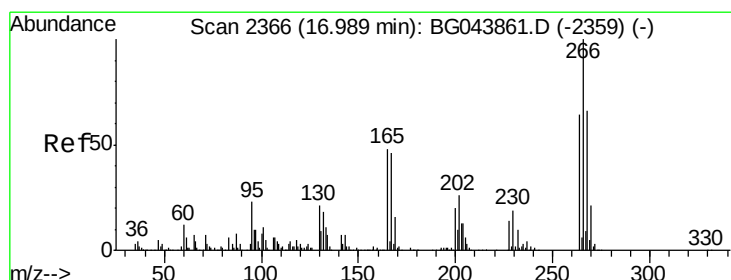
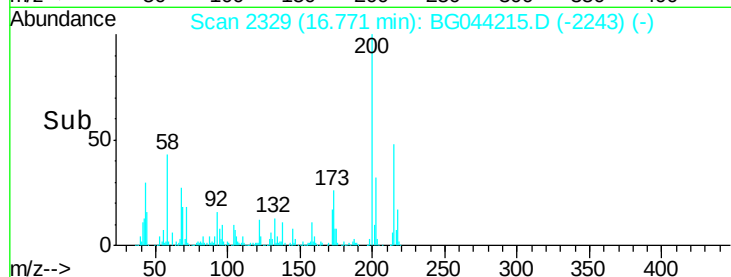
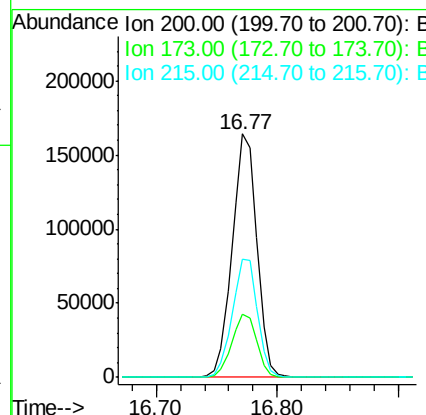
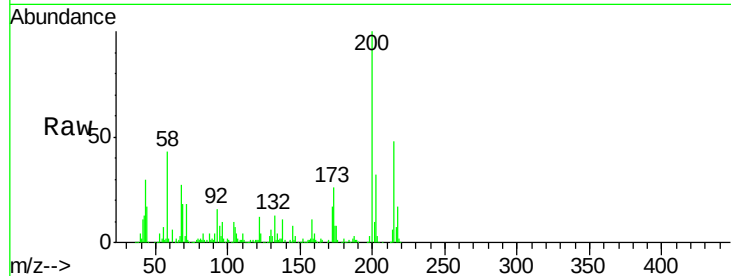
#69
 Atrazine
 Concen: 47.243 ng
 RT: 16.77 min Scan# 2329
 Delta R.T. -0.02 min
 Lab File: BG044215.D
 Acq: 27 Jan 2020 14:53

Instrument :
 BNA_G
 ClientSampleId :
 PB126367BS

Tot Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	26.1	6.6	46.6
215	48.4	28.6	68.6

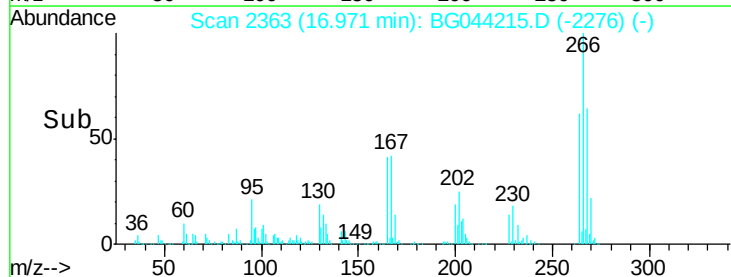
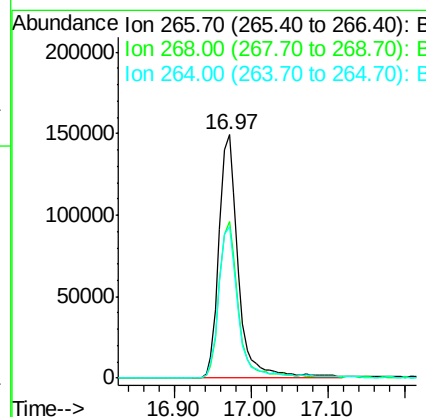
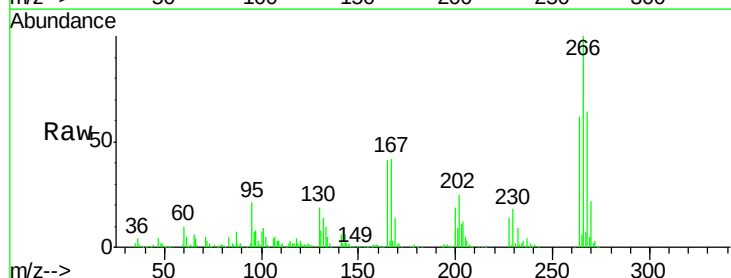
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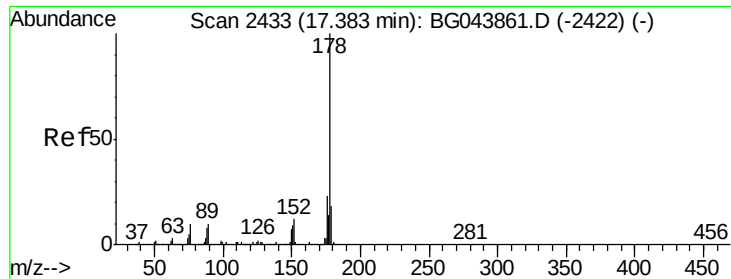
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#70
 Pentachlorophenol
 Concen: 75.707 ng
 RT: 16.97 min Scan# 2363
 Delta R.T. -0.02 min
 Lab File: BG044215.D
 Acq: 27 Jan 2020 14:53

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	64.4	52.6	79.0
264	62.4	50.8	76.2





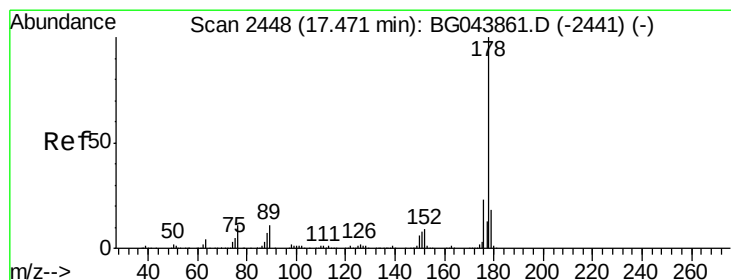
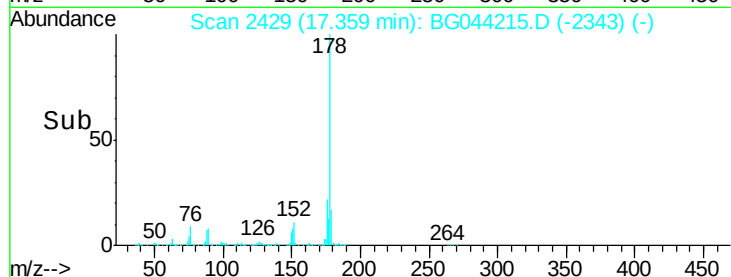
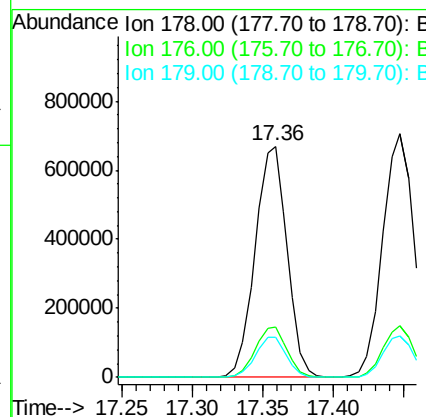
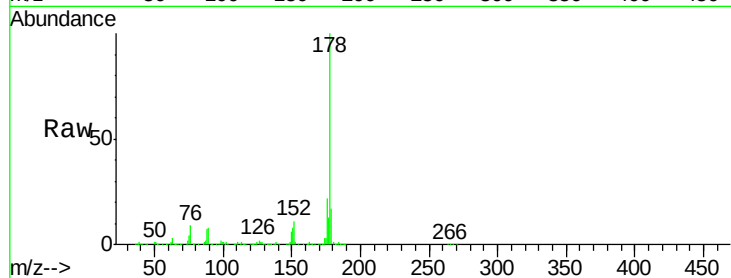
#71
Phenanthrene
Concen: 43.078 ng
RT: 17.36 min Scan# 2429
Delta R.T. -0.02 min
Lab File: BG044215.D
Acq: 27 Jan 2020 14:53

Instrument :
BNA_G
ClientSampleId :
PB126367BS

Tot Ion:178 Resp: 1064344
Ion Ratio Lower Upper
178 100
176 21.5 18.6 28.0
179 17.2 14.4 21.6

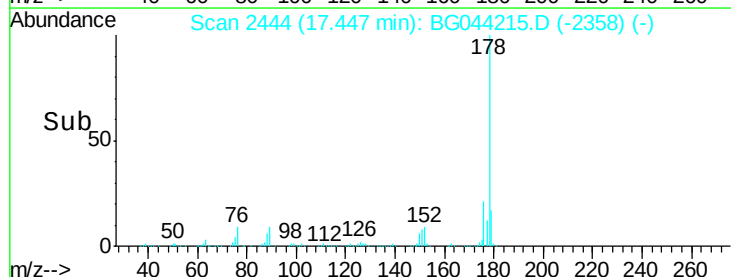
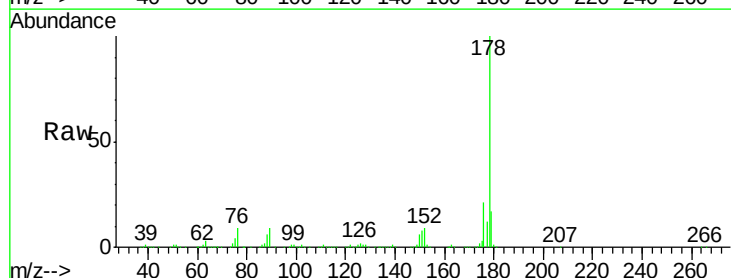
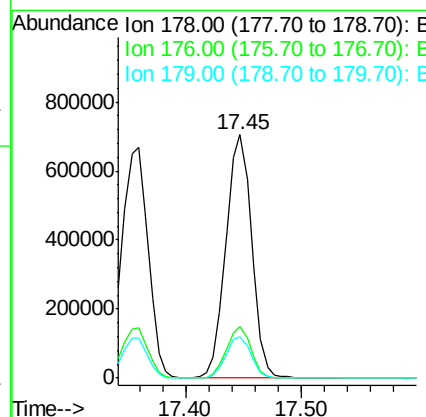
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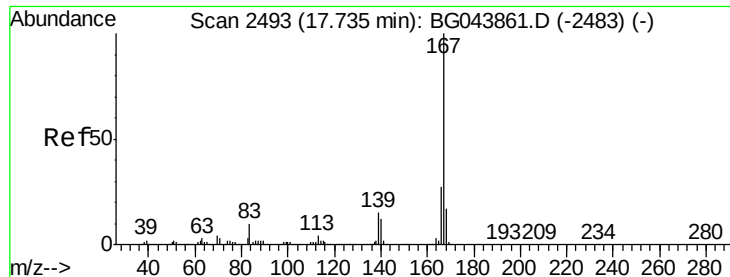
mohammad
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#72
Anthracene
Concen: 44.583 ng
RT: 17.45 min Scan# 2444
Delta R.T. -0.02 min
Lab File: BG044215.D
Acq: 27 Jan 2020 14:53

Tgt Ion:178 Resp: 1088624
Ion Ratio Lower Upper
178 100
176 21.3 18.3 27.5
179 17.1 14.6 22.0





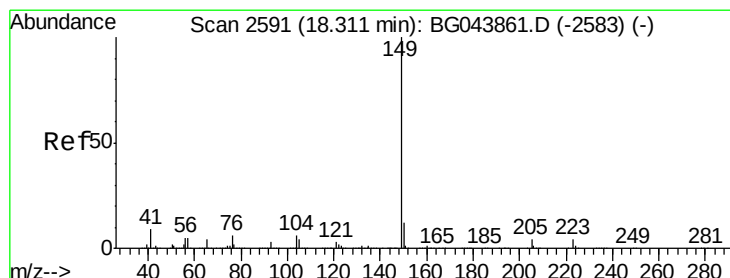
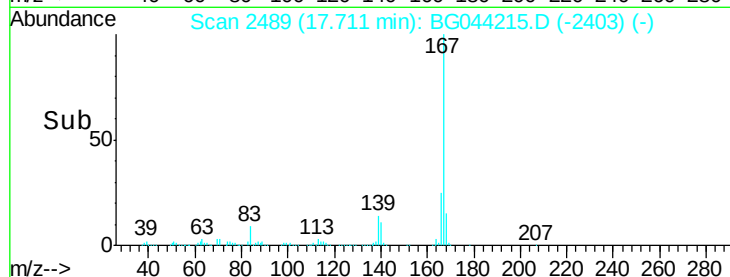
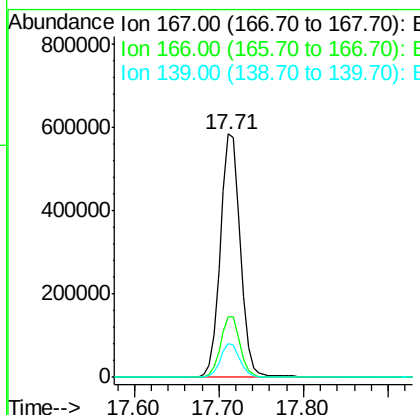
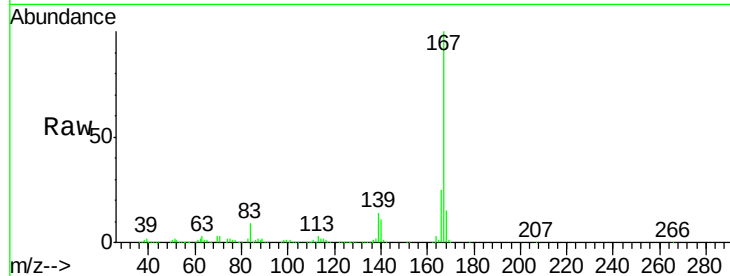
#73
 Carbazole
 Concen: 42.862 ng
 RT: 17.71 min Scan# 2489
 Delta R.T. -0.02 min
 Lab File: BG044215.D
 Acq: 27 Jan 2020 14:53

Instrument :
 BNA_G
 ClientSampleId :
 PB126367BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	24.6	21.6	32.4
139	13.9	12.1	18.1

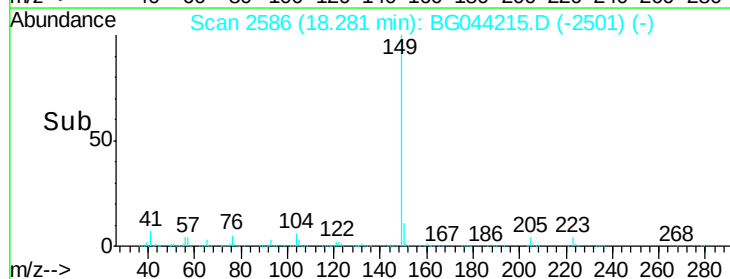
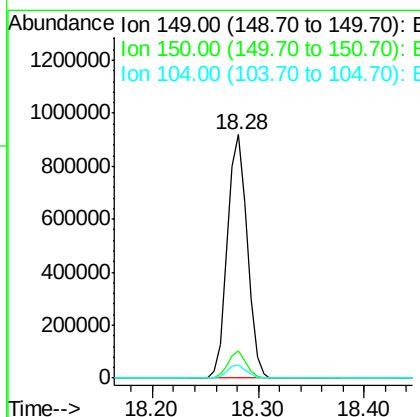
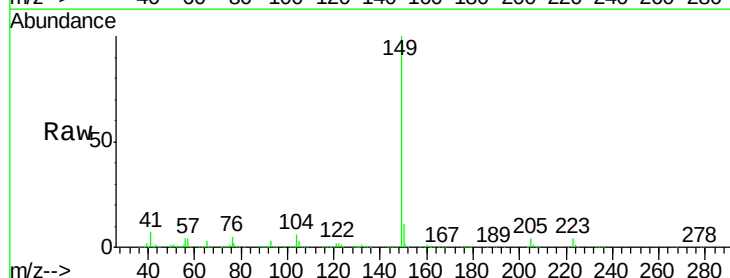
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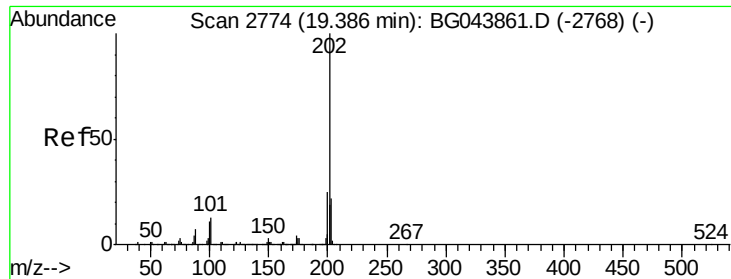
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#74
 Di-n-butylphthalate
 Concen: 41.319 ng
 RT: 18.28 min Scan# 2586
 Delta R.T. -0.03 min
 Lab File: BG044215.D
 Acq: 27 Jan 2020 14:53

Tgt Ion	Ratio	Lower	Upper
149	100		
150	11.0	9.7	14.5
104	5.5	5.0	7.4





#75

Fluoranthene

Concen: 43.533 ng

RT: 19.36 min Scan# 2770

Delta R.T. -0.02 min

Lab File: BG044215.D

Acq: 27 Jan 2020 14:53

Instrument :

BNA_G

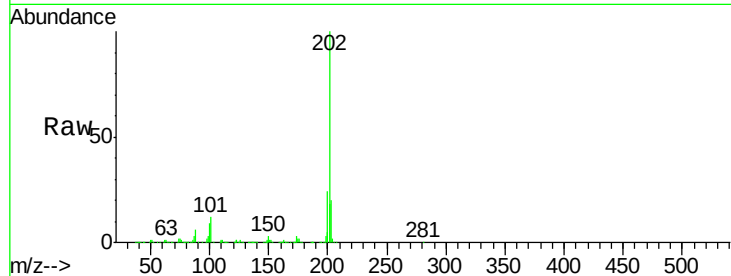
ClientSampled :

PB126367BS

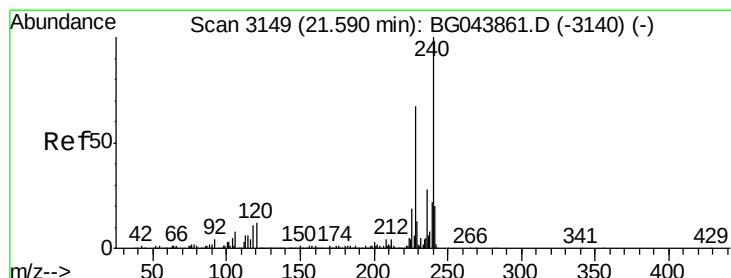
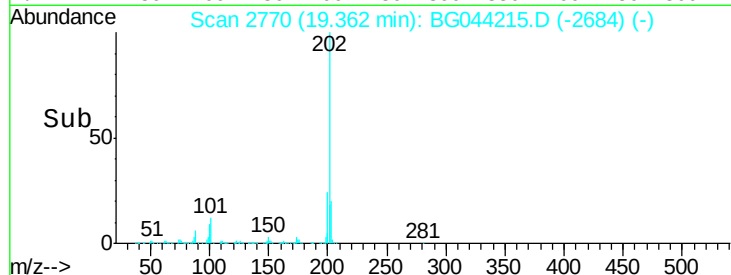
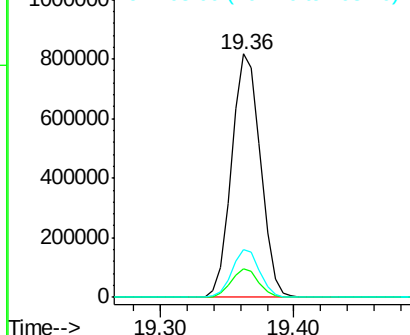
Tot Ion:	202	Resp:	1230067
Ion Ratio	Lower	Upper	
202	100		
101	11.5	0.0	33.3
203	19.7	1.6	41.6

Manual Integrations
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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

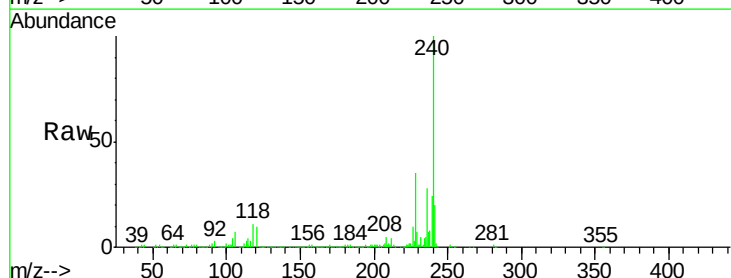
RT: 21.57 min Scan# 3145

Delta R.T. -0.02 min

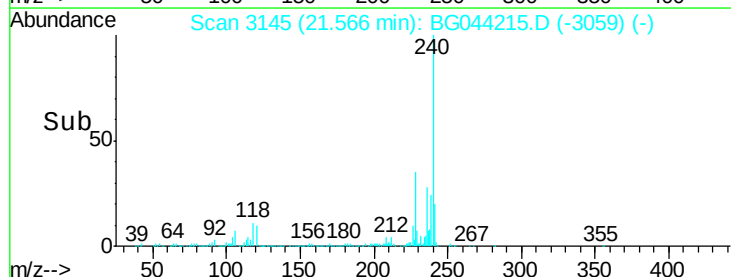
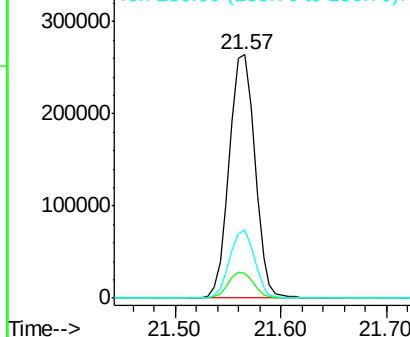
Lab File: BG044215.D

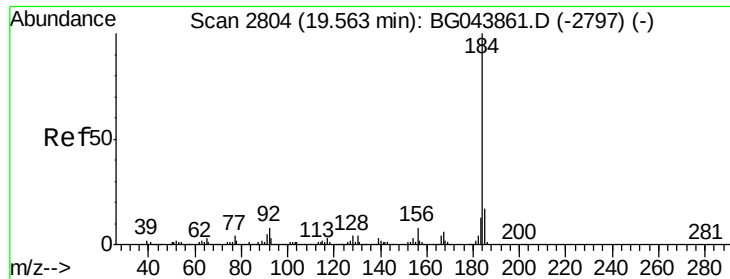
Acq: 27 Jan 2020 14:53

Tgt Ion:	240	Resp:	445311
Ion Ratio	Lower	Upper	
240	100		
120	10.0	9.6	14.4
236	27.9	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: 33.262 ng

RT: 19.54 min Scan# 2801

Delta R.T. -0.02 min

Lab File: BG044215.D

Acq: 27 Jan 2020 14:53

Instrument :

BNA_G

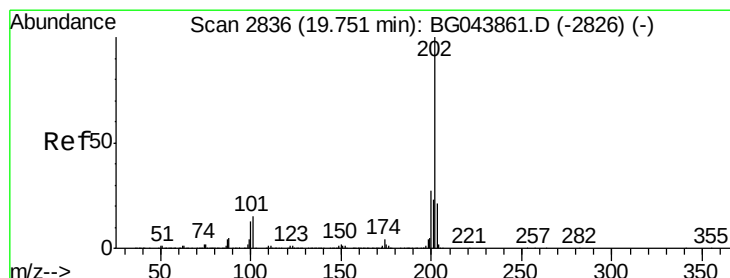
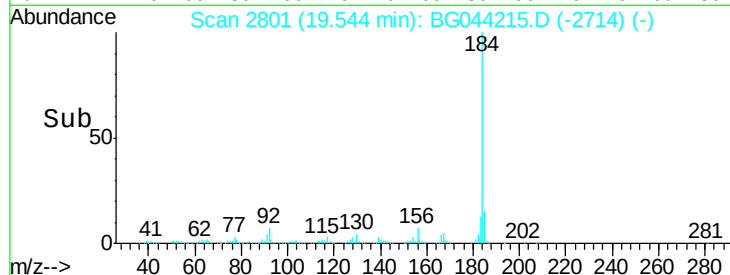
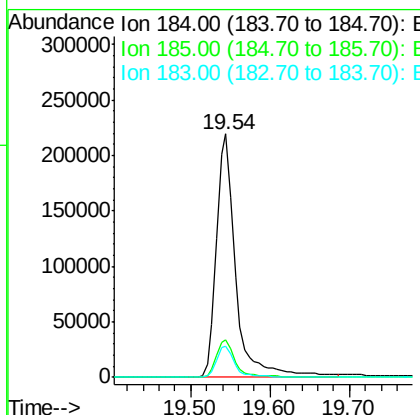
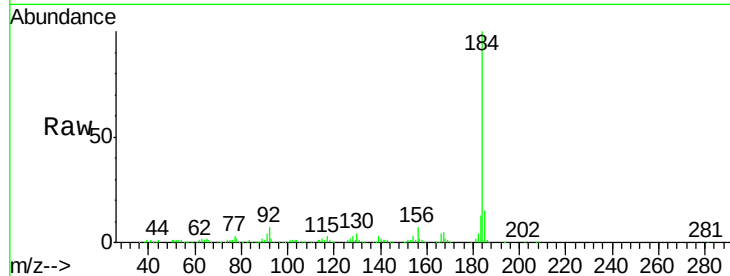
ClientSampleId :

PB126367BS

Tot Ion	Ratio	Lower	Upper
184	100		
185	15.3	13.4	20.0
183	12.7	10.6	15.8

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#78

Pyrene

Concen: 42.572 ng

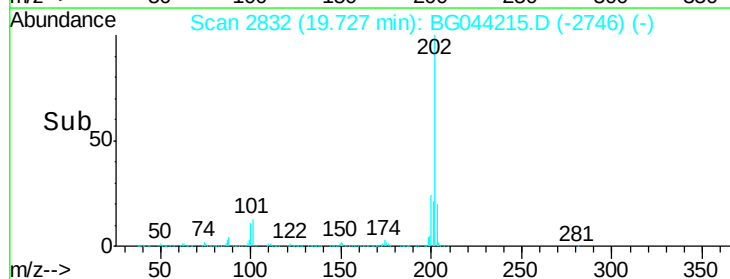
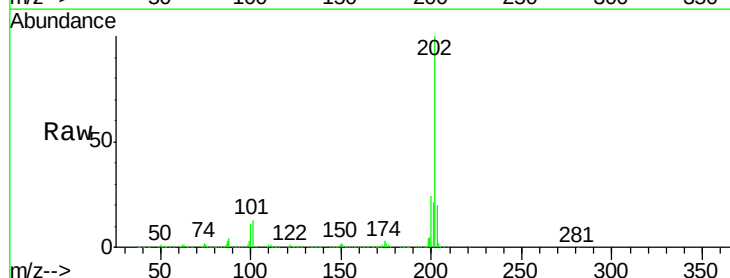
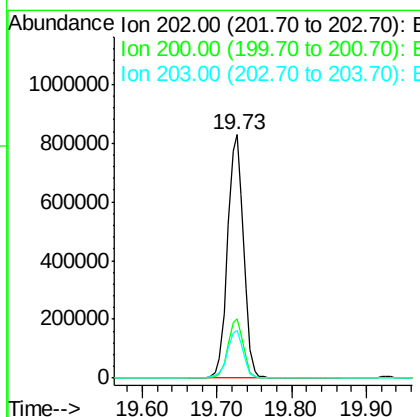
RT: 19.73 min Scan# 2832

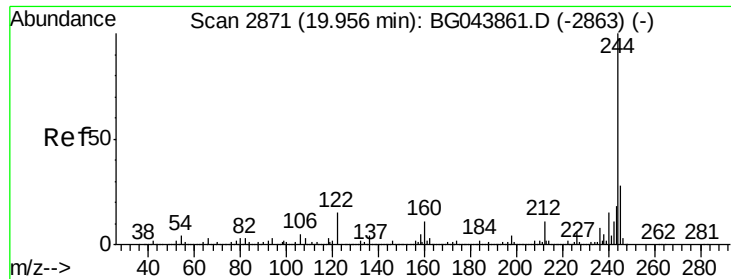
Delta R.T. -0.02 min

Lab File: BG044215.D

Acq: 27 Jan 2020 14:53

Tgt Ion	Ratio	Lower	Upper
202	100		
200	24.3	21.7	32.5
203	19.8	17.0	25.6





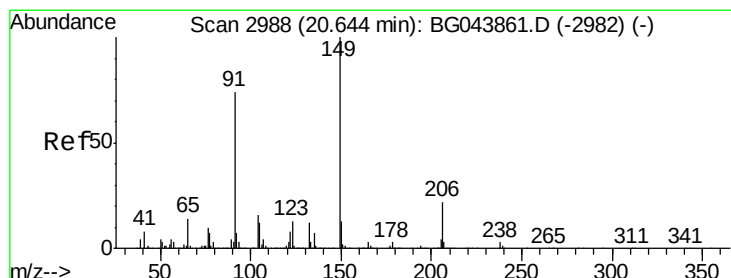
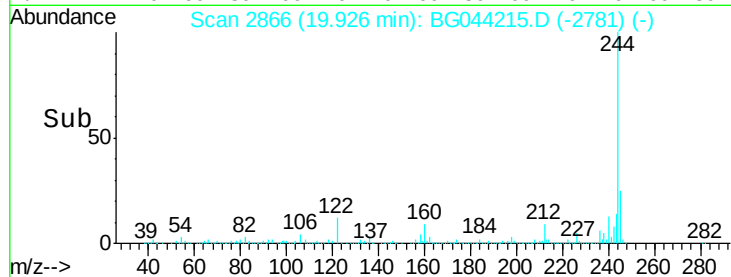
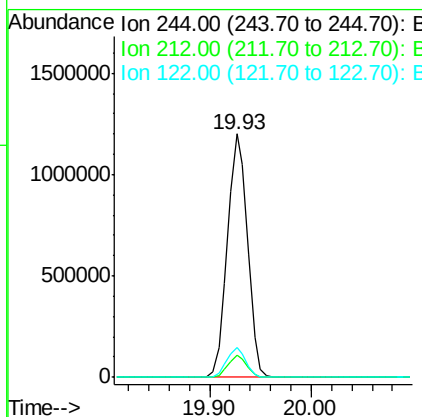
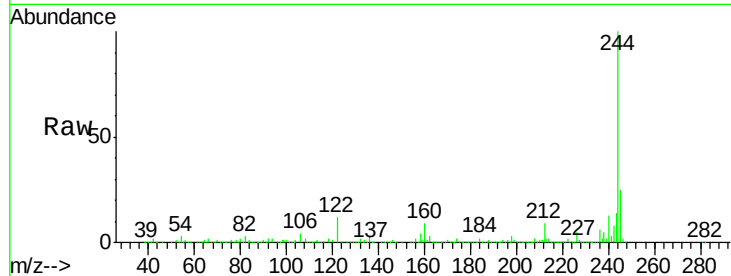
#79
 Terphenyl-d14
 Concen: 91.178 ng
 RT: 19.93 min Scan# 2866
 Delta R.T. -0.03 min
 Lab File: BG044215.D
 Acq: 27 Jan 2020 14:53

Instrument :
 BNA_G
 ClientSampleId :
 PB126367BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	9.0	8.6	13.0
122	12.2	11.9	17.9

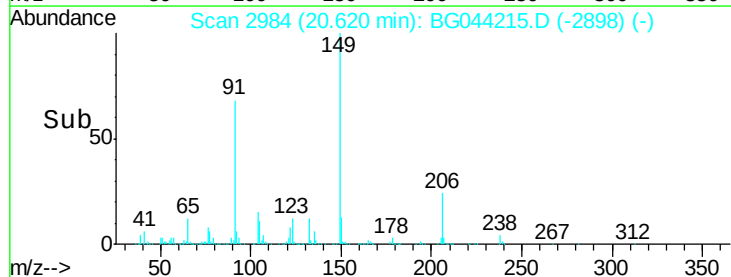
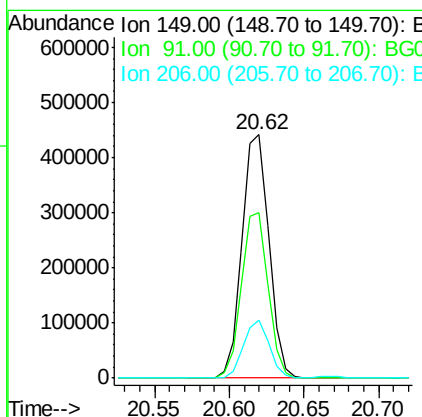
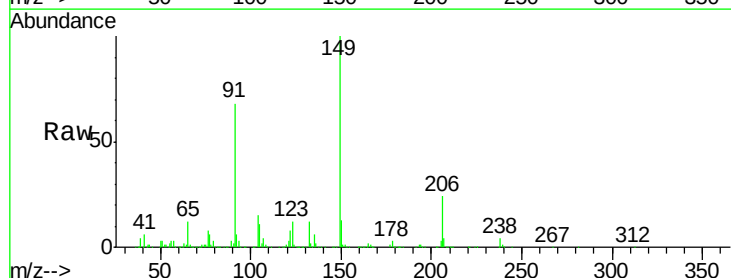
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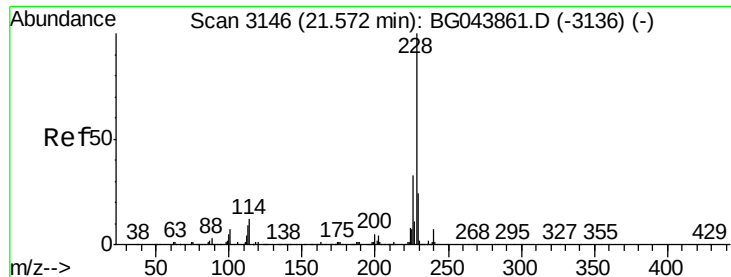
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#80
 Butylbenzylphthalate
 Concen: 39.924 ng
 RT: 20.62 min Scan# 2984
 Delta R.T. -0.02 min
 Lab File: BG044215.D
 Acq: 27 Jan 2020 14:53

Tgt Ion	Ratio	Lower	Upper
149	100		
91	68.2	59.5	89.3
206	23.9	17.8	26.6





#81

Benzo(a)anthracene

Concen: 42.970 ng

RT: 21.54 min Scan# 3141

Delta R.T. -0.03 min

Lab File: BG044215.D

Acq: 27 Jan 2020 14:53

Instrument :

BNA_G

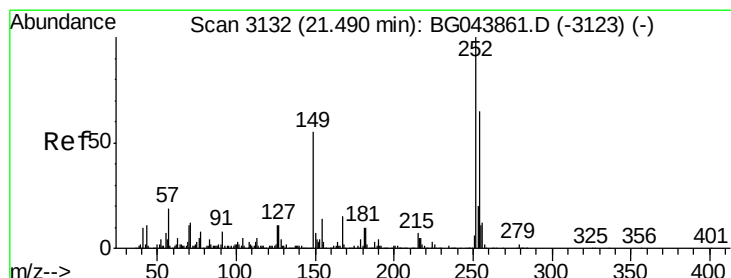
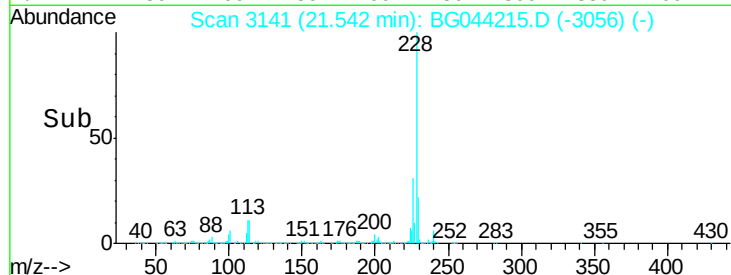
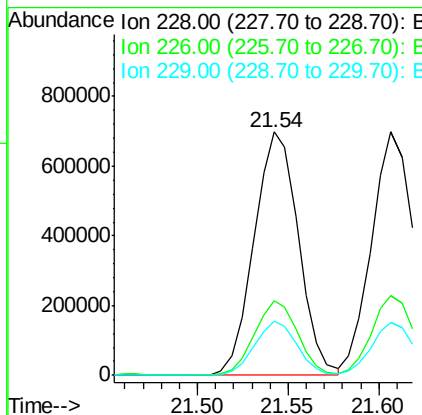
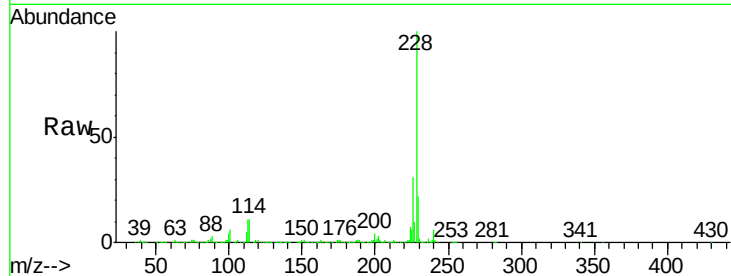
ClientSampleId :

PB126367BS

Tot Ion:	228	Resp:	1186513
Ion	Ratio	Lower	Upper
228	100		
226	30.5	26.2	39.4
229	22.4	18.9	28.3

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#82

3,3'-Dichlorobenzidine

Concen: 32.967 ng

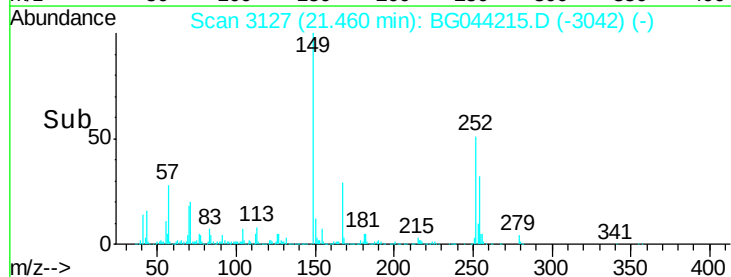
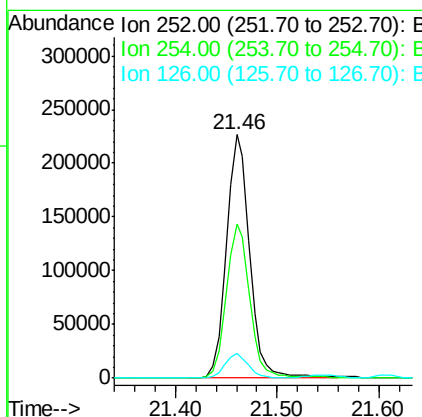
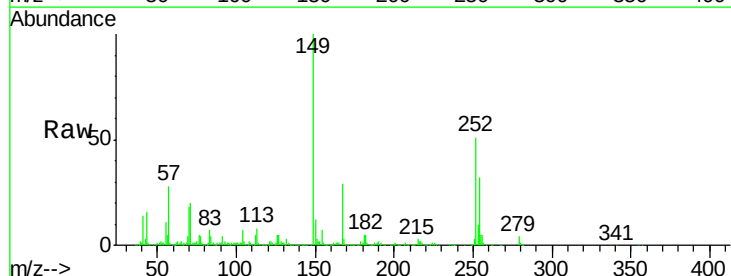
RT: 21.46 min Scan# 3127

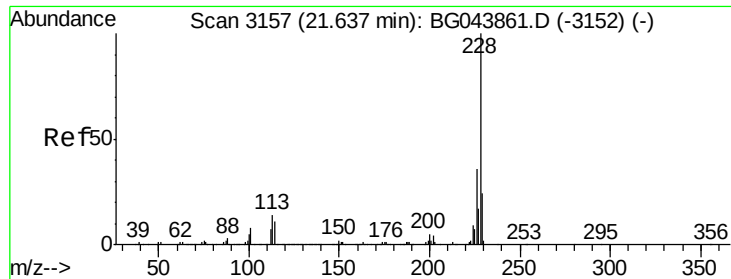
Delta R.T. -0.03 min

Lab File: BG044215.D

Acq: 27 Jan 2020 14:53

Tgt Ion:	252	Resp:	359632
Ion	Ratio	Lower	Upper
252	100		
254	63.3	52.1	78.1
126	10.1	9.1	13.7





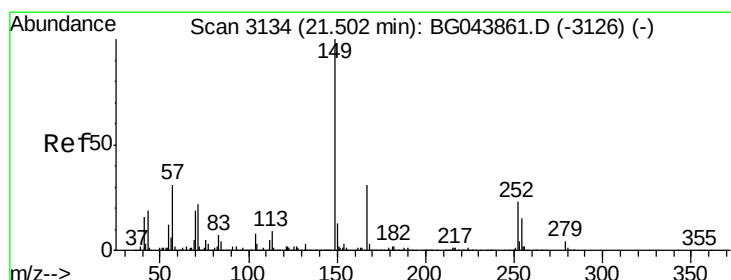
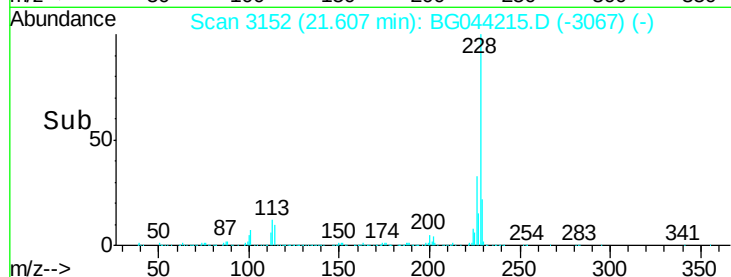
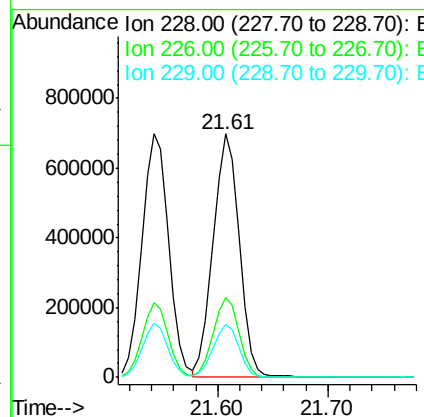
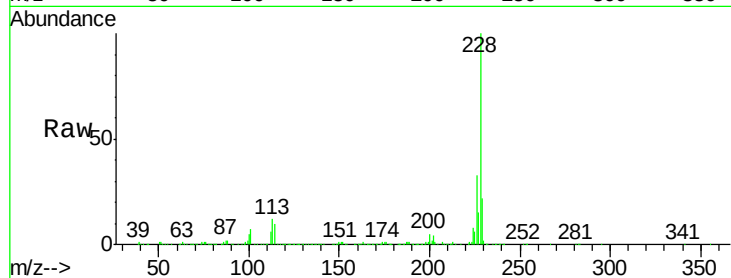
#83
Chrysene
Concen: 43.117 ng
RT: 21.61 min Scan# 3152
Delta R.T. -0.03 min
Lab File: BG044215.D
Acq: 27 Jan 2020 14:53

Instrument :
BNA_G
ClientSampleId :
PB126367BS

Tot Ion:228 Resp: 1131273
Ion Ratio Lower Upper
228 100
226 33.0 28.8 43.2
229 21.9 19.0 28.6

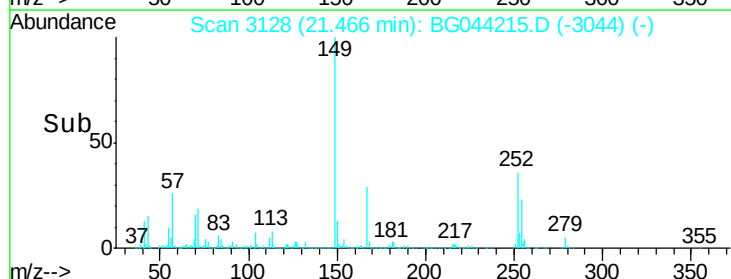
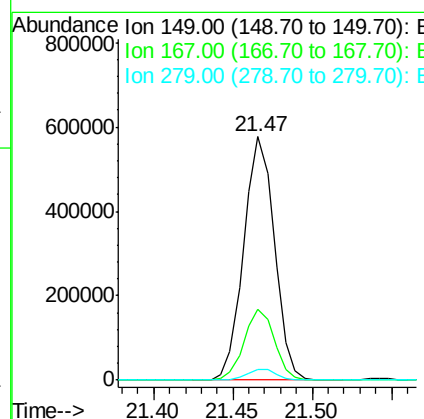
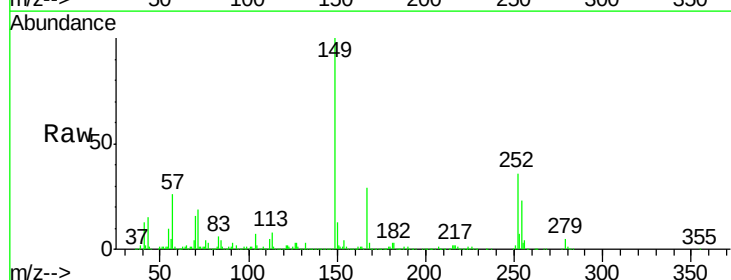
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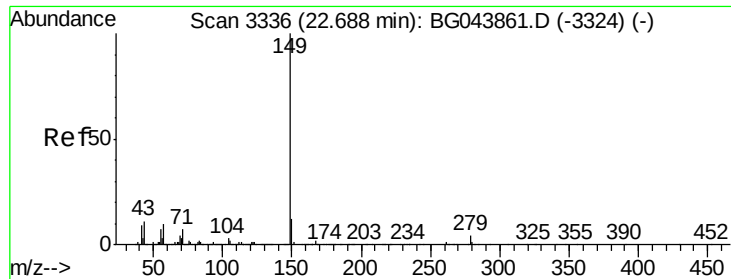
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#84
Bis(2-ethylhexyl)phthalate
Concen: 40.771 ng
RT: 21.47 min Scan# 3128
Delta R.T. -0.04 min
Lab File: BG044215.D
Acq: 27 Jan 2020 14:53

Tgt Ion:149 Resp: 778501
Ion Ratio Lower Upper
149 100
167 29.2 24.7 37.1
279 4.6 3.3 4.9





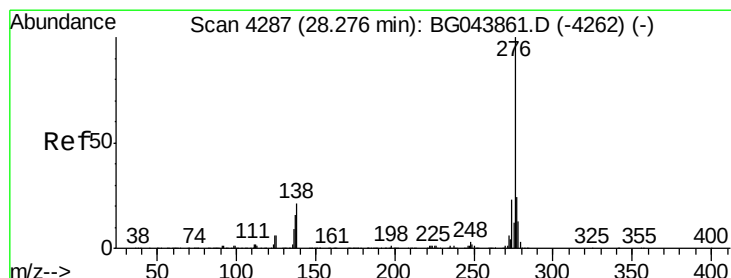
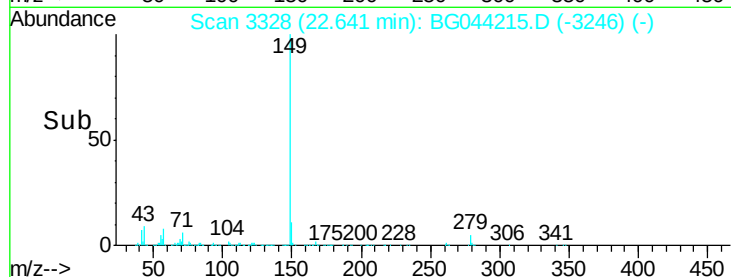
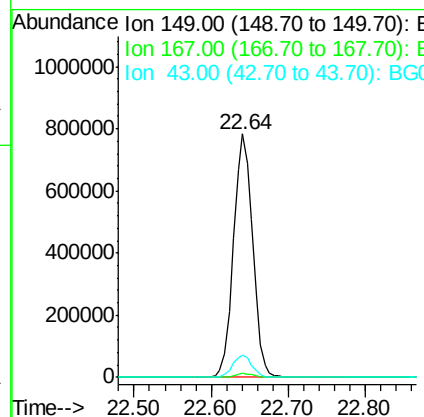
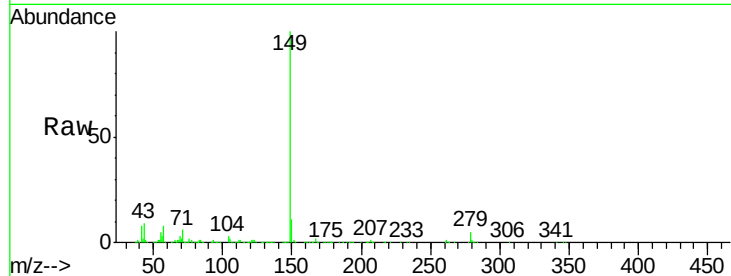
#85
Di-n-octyl phthalate
Concen: 42.399 ng
RT: 22.64 min Scan# 3328
Delta R.T. -0.05 min
Lab File: BG044215.D
Acq: 27 Jan 2020 14:53

Instrument :
BNA_G
ClientSampleId :
PB126367BS

Tot Ion:149 Resp: 1361064
Ion Ratio Lower Upper
149 100
167 1.7 1.4 2.0
43 9.0 8.8 13.2

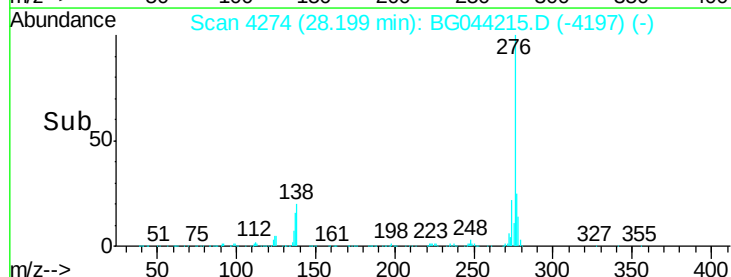
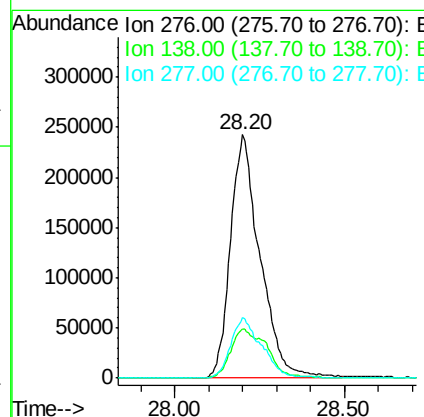
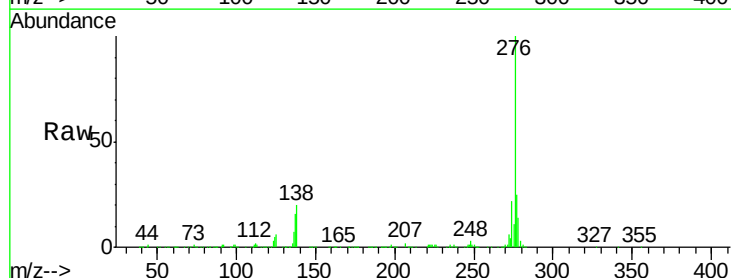
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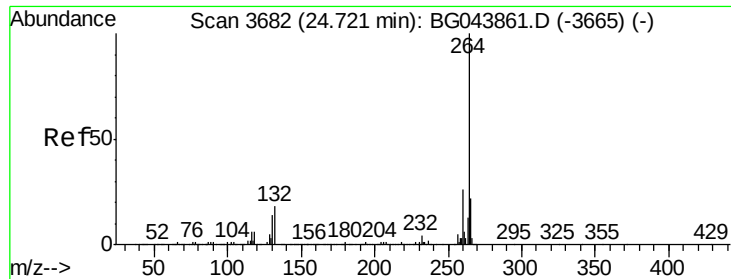
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#86
Indeno(1,2,3-cd)pyrene
Concen: 41.453 ng
RT: 28.20 min Scan# 4274
Delta R.T. -0.08 min
Lab File: BG044215.D
Acq: 27 Jan 2020 14:53

Tgt Ion:276 Resp: 1478070
Ion Ratio Lower Upper
276 100
138 24.6 21.0 31.4
277 25.8 21.1 31.7





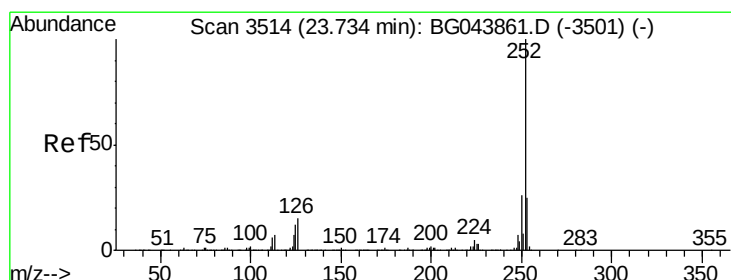
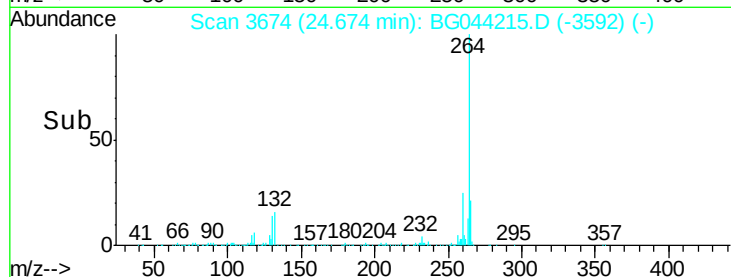
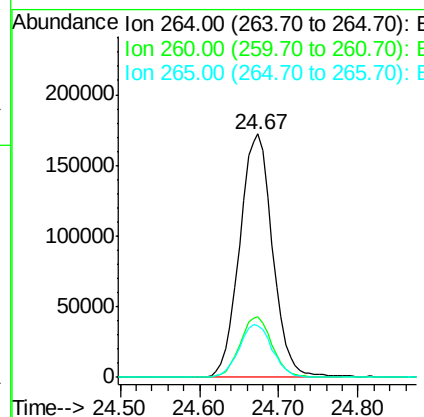
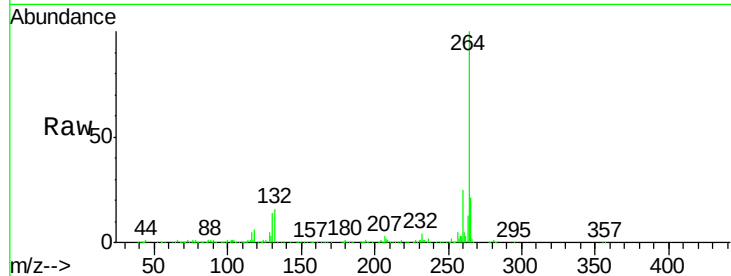
#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.67 min Scan# 3674
Delta R.T. -0.05 min
Lab File: BG044215.D
Acq: 27 Jan 2020 14:53

Instrument :
BNA_G
ClientSampleId :
PB126367BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.7	20.4	30.6
265	21.2	17.4	26.2

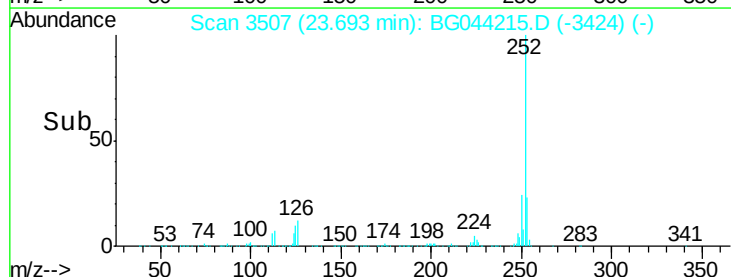
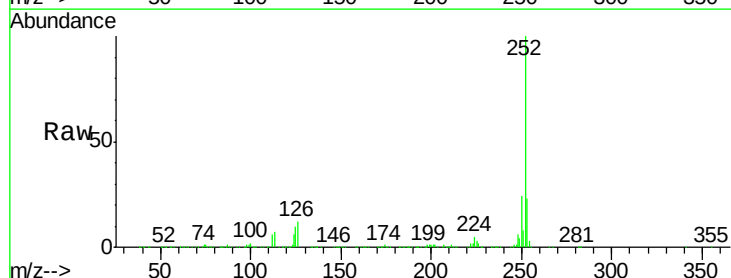
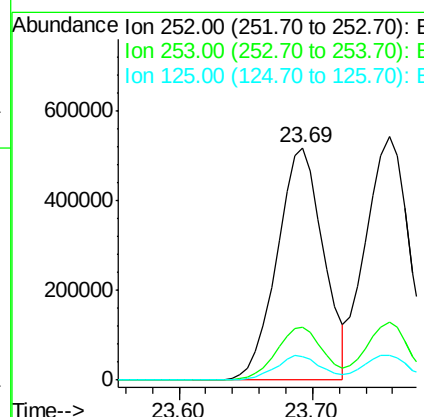
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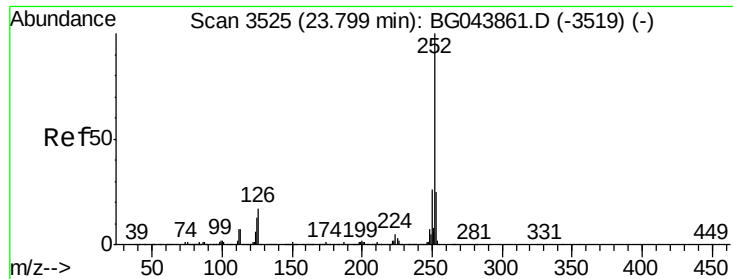
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#88
Benzo(b)fluoranthene
Concen: 42.756 ng
RT: 23.69 min Scan# 3507
Delta R.T. -0.04 min
Lab File: BG044215.D
Acq: 27 Jan 2020 14:53

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	19.7	29.5
125	10.3	9.4	14.2





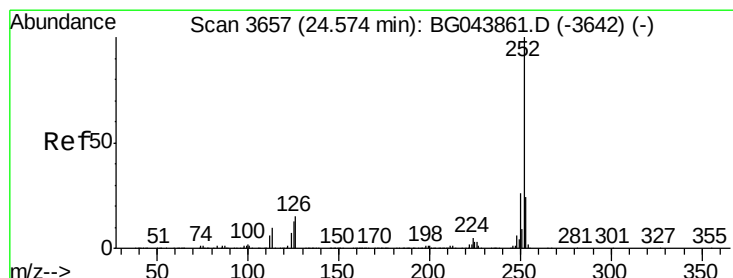
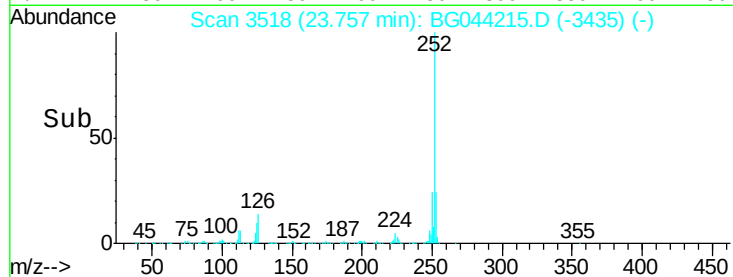
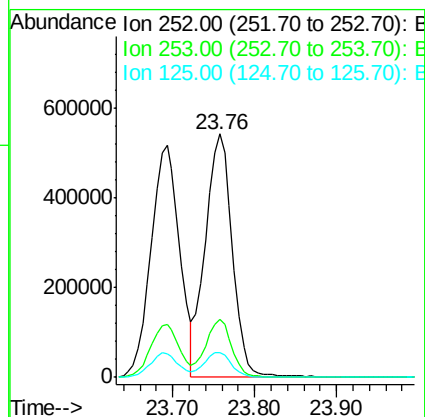
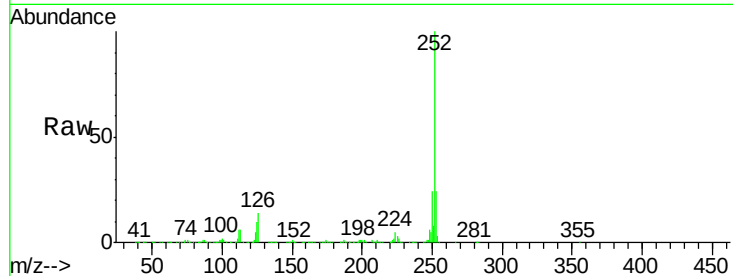
#89
Benzo(k)fluoranthene
Concen: 44.761 ng
RT: 23.76 min Scan# 3518
Delta R.T. -0.04 min
Lab File: BG044215.D
Acq: 27 Jan 2020 14:53

Instrument :
BNA_G
ClientSampleId :
PB126367BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.6	19.4	29.2
125	10.4	9.9	14.9

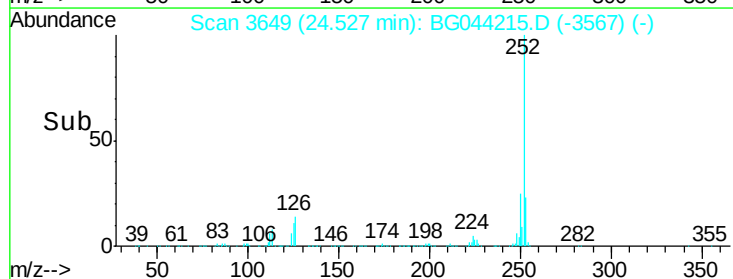
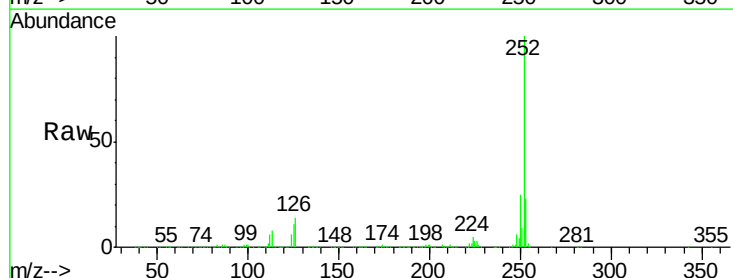
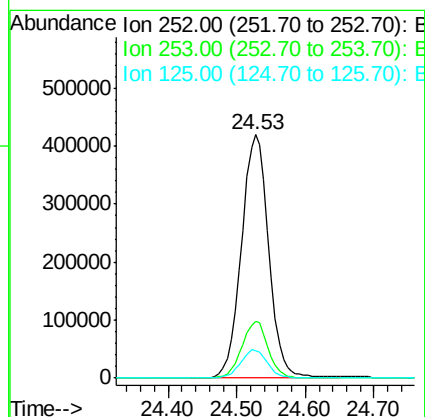
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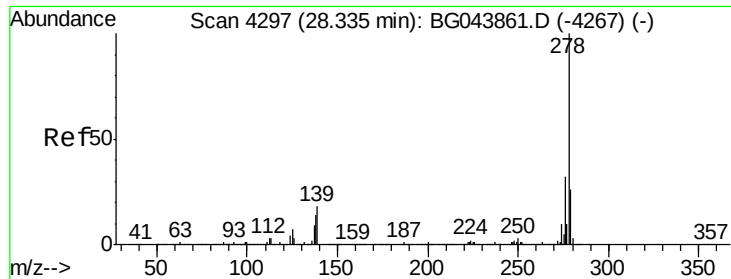
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#90
Benzo(a)pyrene
Concen: 41.989 ng
RT: 24.53 min Scan# 3649
Delta R.T. -0.05 min
Lab File: BG044215.D
Acq: 27 Jan 2020 14:53

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.2	19.3	28.9
125	11.3	10.4	15.6





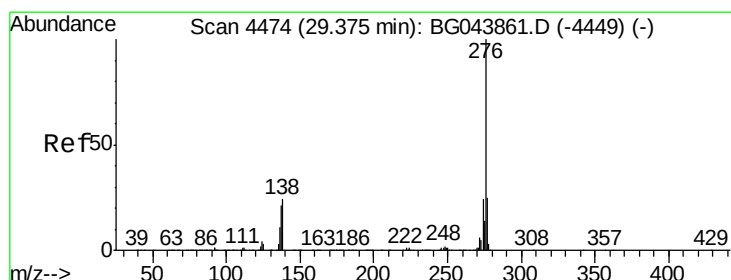
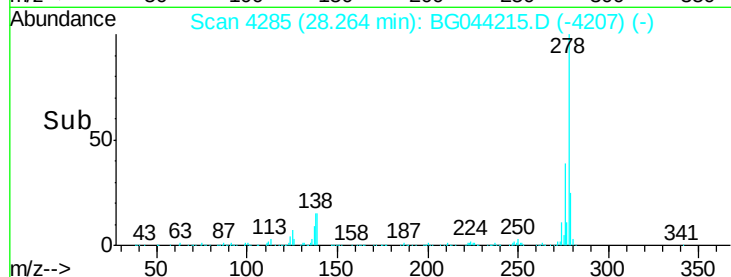
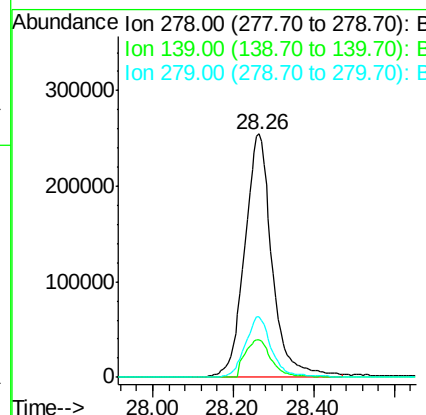
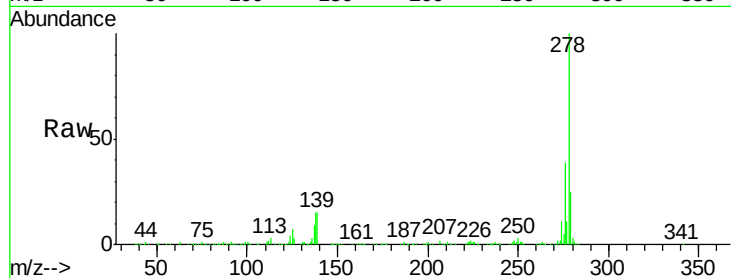
#91
Dibenzo(a,h)anthracene
Concen: 43.749 ng
RT: 28.26 min Scan# 4285
Delta R.T. -0.07 min
Lab File: BG044215.D
Acq: 27 Jan 2020 14:53

Instrument :
BNA_G
ClientSampleId :
PB126367BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.3	14.2	21.4
279	24.6	20.6	30.8

Manual Integrations
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1/28/2020 1:12:36 PM



#92
Benzo(g,h,i)perylene
Concen: 44.487 ng
RT: 29.30 min Scan# 4461
Delta R.T. -0.08 min
Lab File: BG044215.D
Acq: 27 Jan 2020 14:53

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.5	20.2	30.4
138	21.1	19.0	28.6

