

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012320\
 Data File : BG044168.D
 Acq On : 23 Jan 2020 15:39
 Operator : JU
 Sample : L1230-01MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 STOCK-PILE-AMS

Manual Integrations
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 1/24/2020 1:53:37 PM

Quant Time: Jan 24 05:31:45 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	82841	20.00	ng	-0.03
21) Naphthalene-d8	10.73	136	367371	20.00	ng	-0.03
39) Acenaphthene-d10	14.56	164	242950	20.00	ng	-0.03
64) Phenanthrene-d10	17.31	188	503999	20.00	ng	-0.03
76) Chrysene-d12	21.56	240	419263	20.00	ng	-0.03
87) Perylene-d12	24.66	264	482629	20.00	ng	-0.06

System Monitoring Compounds

5) 2-Fluorophenol	5.51	112	622303	137.93	ng	-0.03
7) Phenol-d6	7.10	99	832214	131.96	ng	-0.02
23) Nitrobenzene-d5	9.09	82	505782	73.65	ng	-0.03
42) 2,4,6-Tribromophenol	16.06	330	313002	123.11	ng	-0.03
45) 2-Fluorobiphenyl	13.19	172	1120666	83.57	ng	-0.03
79) Terphenyl-d14	19.92	244	1577461	92.94	ng	-0.03

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.39	88	81444	41.401	ng	98
3) Pyridine	3.79	79	203198	34.965	ng	96
4) n-Nitrosodimethylamine	3.71	42	104743	40.482	ng	99
6) Aniline	7.25	93	191405	23.107	ng	98
8) 2-Chlorophenol	7.50	128	271221	51.206	ng	99
9) Benzaldehyde	7.06	77	127980	31.707	ng	98
10) Phenol	7.13	94	370867	57.076	ng	98
11) bis(2-Chloroethyl)ether	7.35	93	238810	42.577	ng	98
12) 1,3-Dichlorobenzene	7.82	146	267438	43.148	ng	97
13) 1,4-Dichlorobenzene	7.97	146	264801	43.299	ng	99
14) 1,2-Dichlorobenzene	8.28	146	251334	42.816	ng	100
15) Benzyl Alcohol	8.16	79	222837	44.771	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.46	45	326693	37.648	ng	99
17) 2-Methylphenol	8.38	107	227909	48.469	ng	98
18) Hexachloroethane	9.02	117	99912	41.986	ng	96
19) n-Nitroso-di-n-propylamine	8.73	70	193777	41.259	ng	97
20) 3+4-Methylphenols	8.71	107	314739	47.981	ng	99
22) Acetophenone	8.75	105	360337	39.454	ng	99
24) Nitrobenzene	9.13	77	277433	40.790	ng	98
25) Isophorone	9.65	82	532256	41.312	ng	100
26) 2-Nitrophenol	9.84	139	145603	45.248	ng	99
27) 2,4-Dimethylphenol	9.91	122	255142	52.673	ng	99
28) bis(2-Chloroethoxy)methane	10.13	93	340397	39.630	ng	97
29) 2,4-Dichlorophenol	10.38	162	263809	45.658	ng	96
30) 1,2,4-Trichlorobenzene	10.60	180	262553	40.527	ng	98
31) Naphthalene	10.78	128	780415	43.899	ng	99
32) Benzoic acid	10.06	122	123868	33.567	ng	95
33) 4-Chloroaniline	10.89	127	107163	12.638	ng	98
34) Hexachlorobutadiene	11.08	225	152443	38.540	ng	99
35) Caprolactam	11.65	113	98136m	45.625	ng	
36) 4-Chloro-3-methylphenol	12.02	107	285646	46.439	ng	99
37) 2-Methylnaphthalene	12.39	142	587829	43.920	ng	97
38) 1-Methylnaphthalene	12.61	142	567291	44.722	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.76	216	280556	39.399	ng	98

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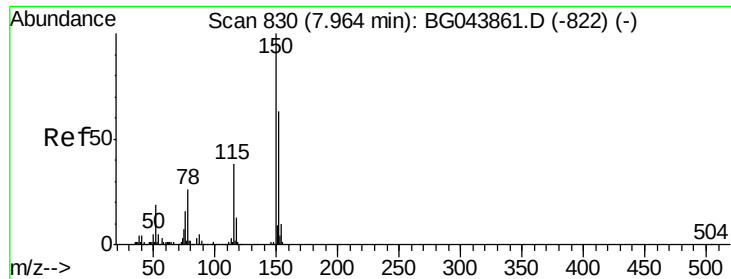
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Quant Time: Jan 24 05:31:45 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 31 13:32:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.75	237	348179	94.313	nq	99
43) 2,4,6-Trichlorophenol	13.00	196	210722	43.007	nq	97
44) 2,4,5-Trichlorophenol	13.08	196	228503	45.217	nq	98
46) 1,1'-Biphenyl	13.40	154	749439	43.024	nq	98
47) 2-Chloronaphthalene	13.44	162	585220	41.577	nq	99
48) 2-Nitroaniline	13.63	65	181110	40.000	nq	98
49) Acenaphthylene	14.29	152	927728	45.857	nq	97
50) Dimethylphthalate	14.02	163	889224	51.548	nq	98
51) 2,6-Dinitrotoluene	14.13	165	170338	43.688	nq	95
52) Acenaphthene	14.63	154	573807	40.444	nq	99
53) 3-Nitroaniline	14.46	138	91337	20.629	nq	96
54) 2,4-Dinitrophenol	14.67	184	172626	86.433	nq	98
55) Dibenzofuran	14.96	168	887649	45.448	nq	99
56) 4-Nitrophenol	14.79	139	304112	89.631	nq	96
57) 2,4-Dinitrotoluene	14.92	165	234851	44.267	nq	98
58) Fluorene	15.62	166	695211	44.909	nq	98
59) 2,3,4,6-Tetrachlorophenol	15.19	232	194660	44.796	nq	98
60) Diethylphthalate	15.39	149	753217	43.655	nq	98
61) 4-Chlorophenyl-phenylether	15.61	204	359387	42.754	nq	98
62) 4-Nitroaniline	15.63	138	170329	38.956	nq	95
63) Azobenzene	15.90	77	707061	44.188	nq	97
65) 4,6-Dinitro-2-methylphenol	15.69	198	134105	51.310	nq	96
66) n-Nitrosodiphenylamine	15.82	169	645398	43.484	nq	100
67) 4-Bromophenyl-phenylether	16.50	248	229549	40.496	nq	99
68) Hexachlorobenzene	16.63	284	248406	40.669	nq	98
69) Atrazine	16.77	200	234984	48.707	nq	98
70) Pentachlorophenol	16.97	266	270820	80.434	nq	99
71) Phenanthrene	17.35	178	1081536	44.739	nq	97
72) Anthracene	17.44	178	1109749	46.450	nq	97
73) Carbazole	17.71	167	979912	44.403	nq	97
74) Di-n-butylphthalate	18.28	149	1226617	43.534	nq	97
75) Fluoranthene	19.36	202	1229789	44.482	nq	98
77) Benzidine	19.54	184	377247	35.797	nq	98
78) Pyrene	19.72	202	1234695	45.116	nq	96
80) Butylbenzylphthalate	20.62	149	571159	43.837	nq	95
81) Benzo(a)anthracene	21.54	228	1180348	45.403	nq	96
82) 3,3'-Dichlorobenzidine	21.46	252	236873	23.063	nq	98
83) Chrysene	21.60	228	1113849	45.091	nq	97
84) Bis(2-ethylhexyl)phthalate	21.46	149	811021	45.113	nq	97
85) Di-n-octyl phthalate	22.64	149	1407189	46.560	nq	97
86) Indeno(1,2,3-cd)pyrene	28.18	276	1450901	43.219	nq	100
88) Benzo(b)fluoranthene	23.68	252	1210440	42.424	nq	98
89) Benzo(k)fluoranthene	23.75	252	1234988	45.518	nq	97
90) Benzo(a)pyrene	24.52	252	1151205	42.750	nq	97
91) Dibenzo(a,h)anthracene	28.25	278	1202543	44.465	nq	97
92) Benzo(g,h,i)perylene	29.28	276	1224058	45.565	nq	97

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



#1

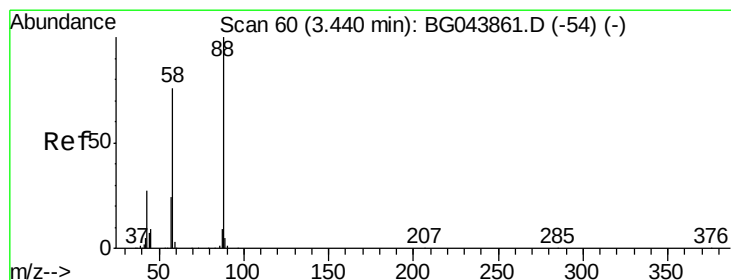
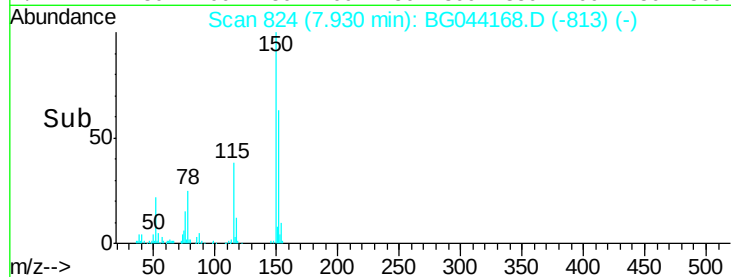
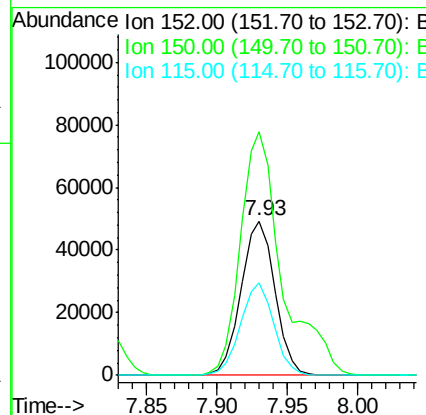
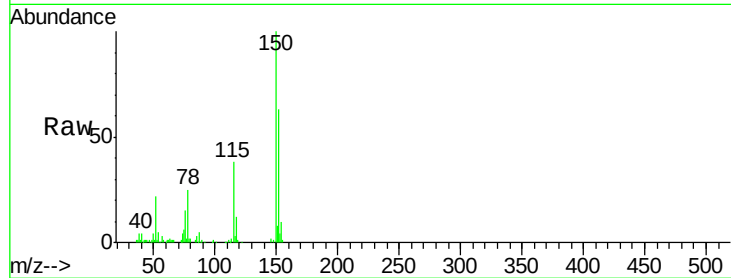
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.93 min Scan# 824
Delta R.T. -0.03 min
Lab File: BG044168.D
Acq: 23 Jan 2020 15:39

Instrument :
BNA_G
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
152	100		
150	158.0	127.0	190.4
115	59.7	47.8	71.8

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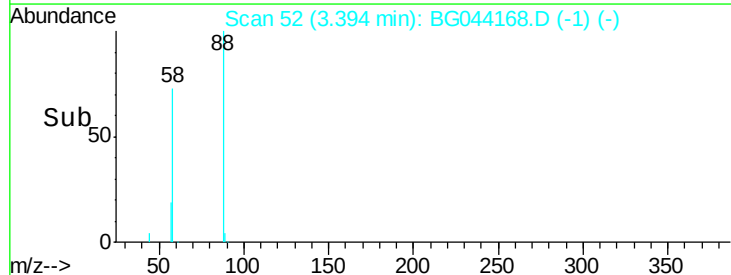
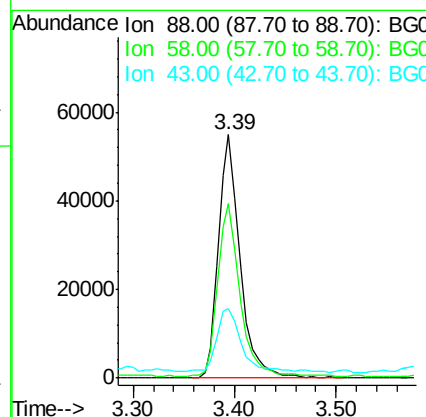
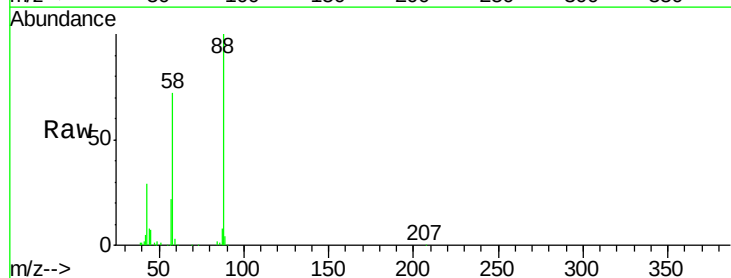
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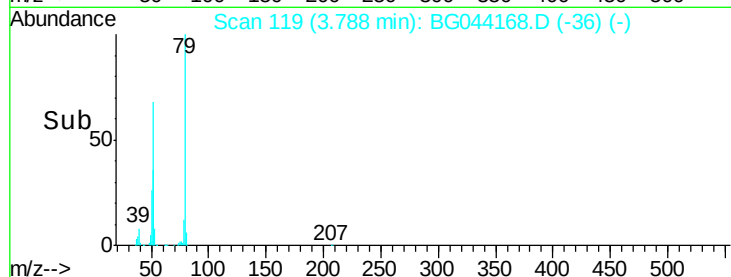
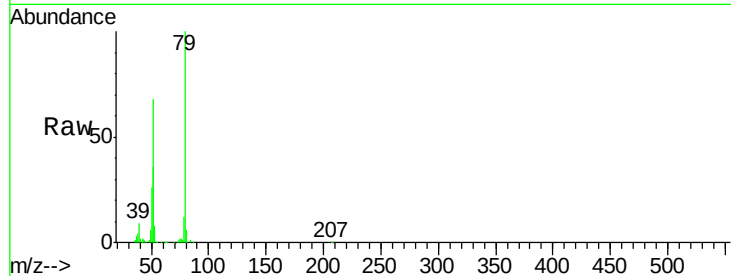
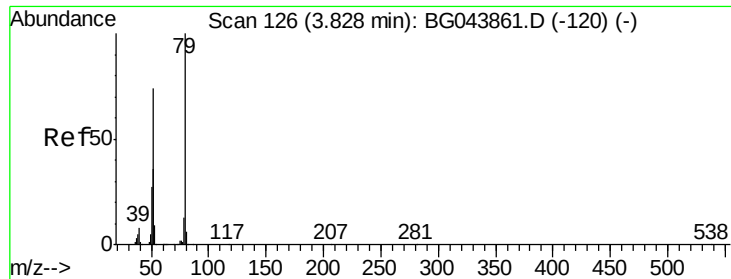


#2

1,4-Dioxane
Concen: 41.401 ng
RT: 3.39 min Scan# 52
Delta R.T. -0.05 min
Lab File: BG044168.D
Acq: 23 Jan 2020 15:39

Tgt Ion	Ratio	Lower	Upper
88	100		
58	72.7	59.8	89.8
43	28.3	22.9	34.3





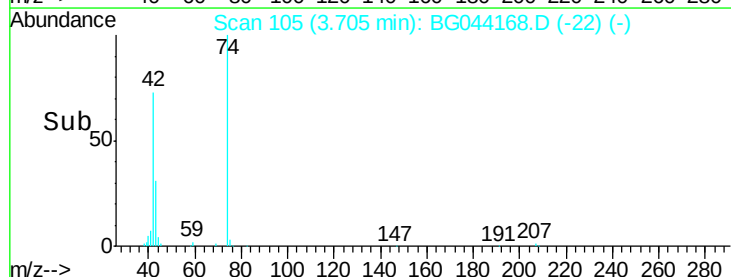
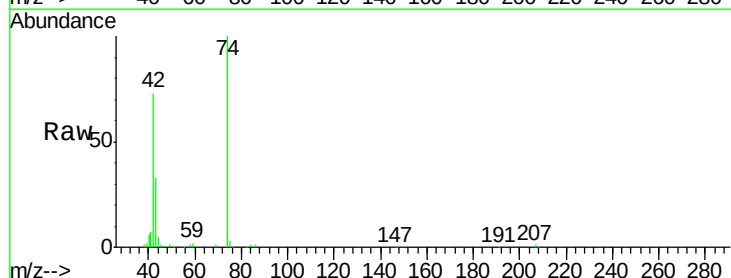
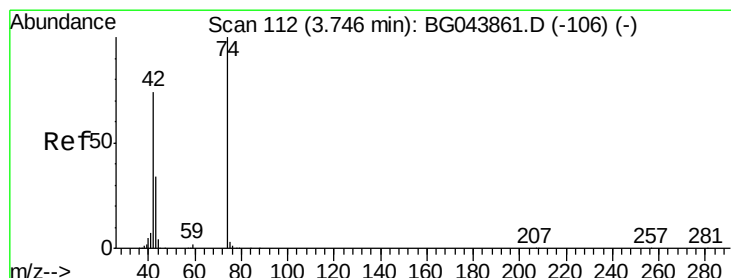
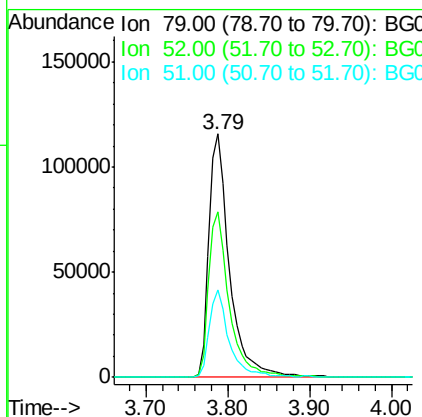
#3
Pvridine
Concen: 34.965 ng
RT: 3.79 min Scan# 119
Delta R.T. -0.04 min
Lab File: BG044168.D
Acq: 23 Jan 2020 15:39

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	79	100	203198		
52	52	68.2	58.9	88.3	
51	51	36.0	28.6	43.0	

Instrument :
BNA_G
ClientSampleId :
STOCK-PILE-AMS

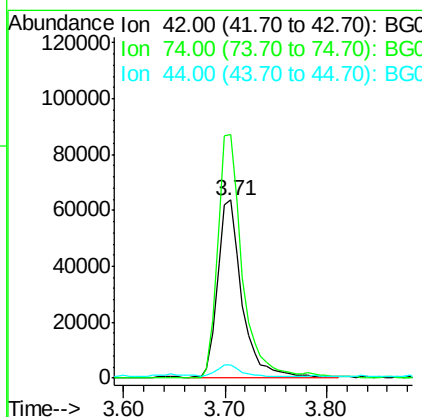
Manual Integrations
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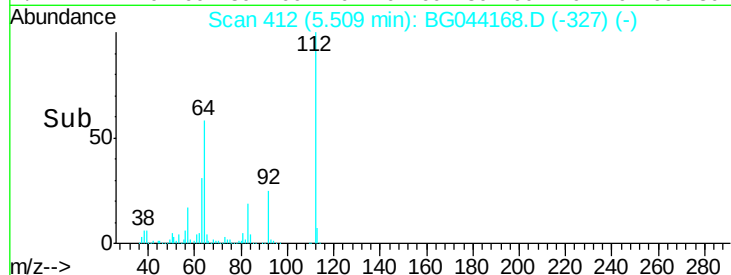
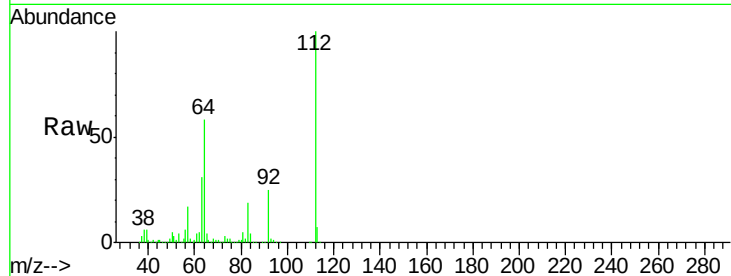
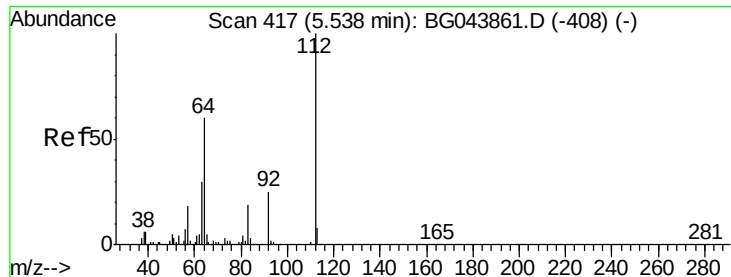
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#4
n-Nitrosodimethylamine
Concen: 40.482 ng
RT: 3.71 min Scan# 105
Delta R.T. -0.04 min
Lab File: BG044168.D
Acq: 23 Jan 2020 15:39

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	42	100	104743		
74	74	137.0	108.6	162.8	
44	44	7.2	5.0	7.6	





#5

2-Fluorophenol

Concen: 137.930 ng

RT: 5.51 min Scan# 412

Delta R.T. -0.03 min

Lab File: BG044168.D

Acq: 23 Jan 2020 15:39

Tot Ion:	112	Resp:	622303
Ion Ratio	Lower	Upper	
112	100		
64	57.8	47.8	71.6
63	30.6	24.3	36.5

Instrument :

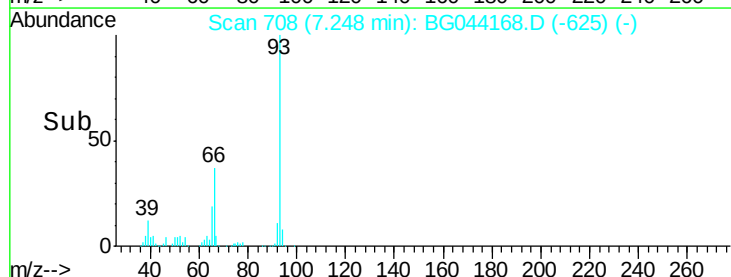
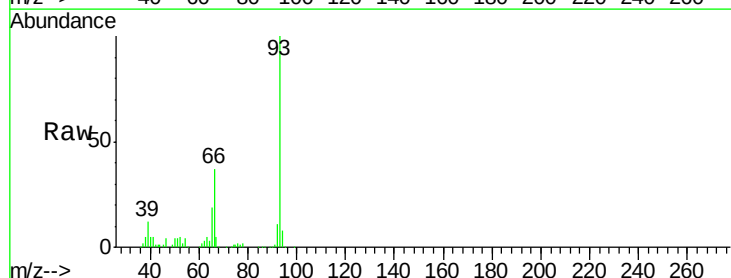
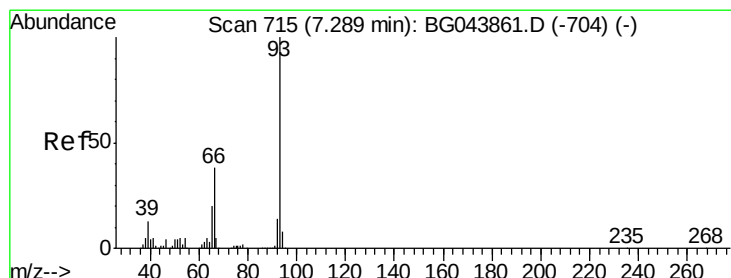
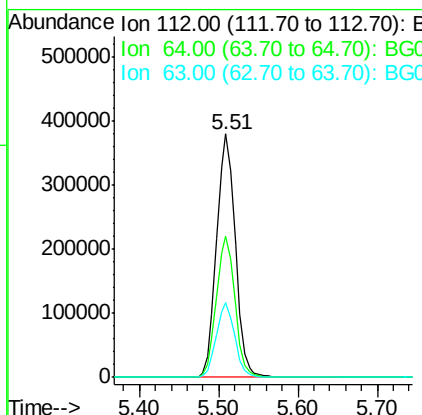
BNA_G

ClientSampleId :

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#6

Aniline

Concen: 23.107 ng

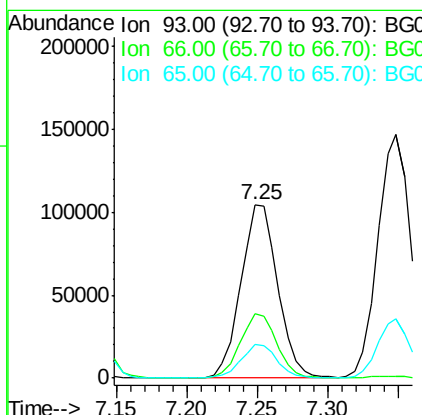
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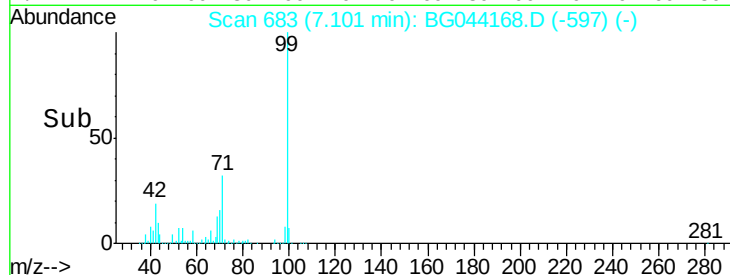
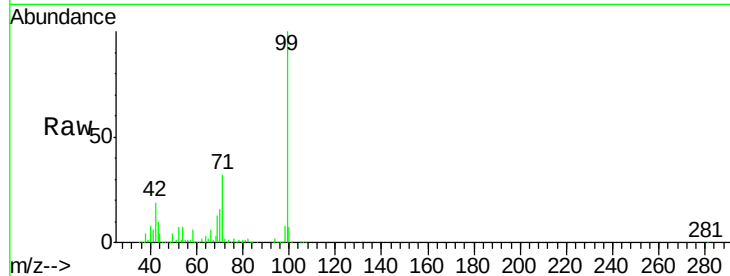
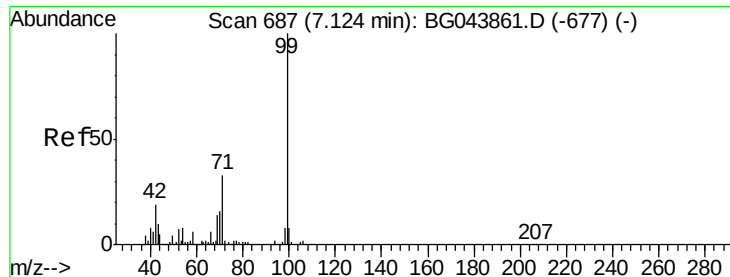
Delta R.T. -0.04 min

Lab File: BG044168.D

Acq: 23 Jan 2020 15:39

Tgt Ion:	93	Resp:	191405
Ion Ratio	Lower	Upper	
93	100		
66	36.8	30.8	46.2
65	19.3	16.0	24.0





#7

Phenol-d6

Concen: 131.959 ng

RT: 7.10 min Scan# 683

Delta R.T. -0.02 min

Lab File: BG044168.D

Acq: 23 Jan 2020 15:39

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		832214		
42	18.6	14.9	22.3		
71	31.6	26.4	39.6		

Instrument :

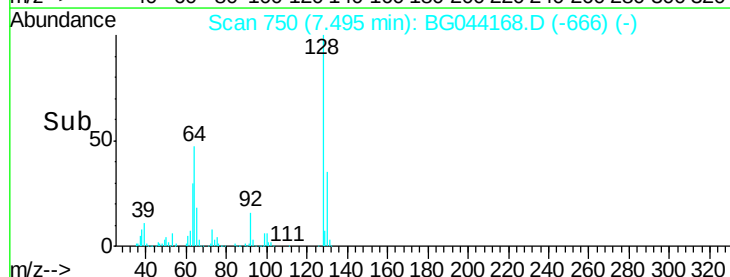
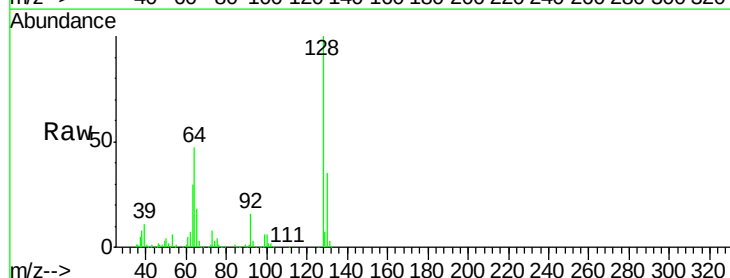
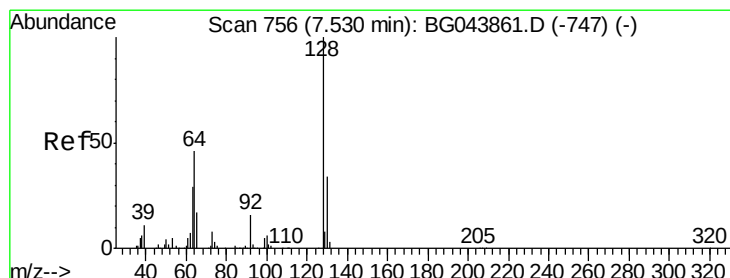
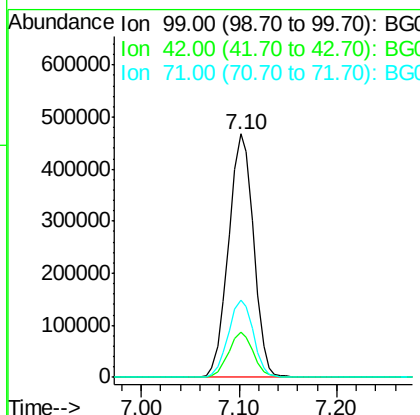
BNA_G

ClientSampleId :

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#8

2-Chlorophenol

Concen: 51.206 ng

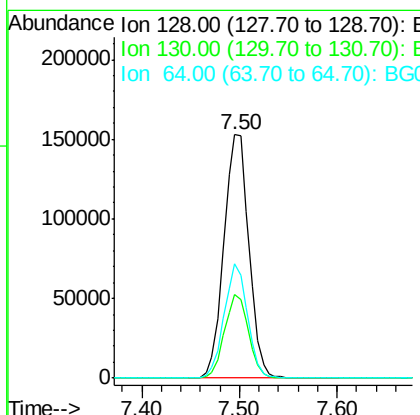
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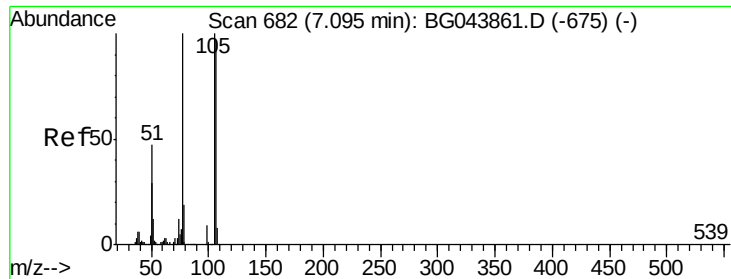
Delta R.T. -0.03 min

Lab File: BG044168.D

Acq: 23 Jan 2020 15:39

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		271221		
130	34.6	13.8	53.8		
64	47.2	27.6	67.6		





#9

Benzaldehyde

Concen: 31.707 ng

RT: 7.06 min Scan# 676

Delta R.T. -0.03 min

Lab File: BG044168.D

Acq: 23 Jan 2020 15:39

Instrument :

BNA_G

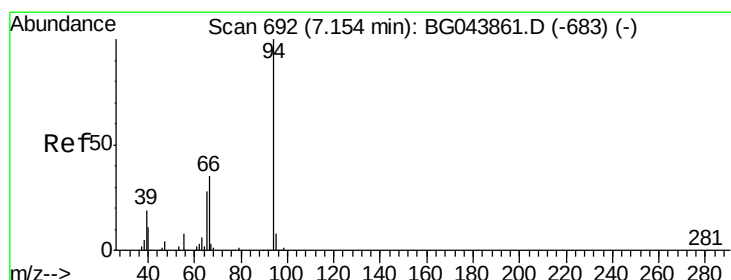
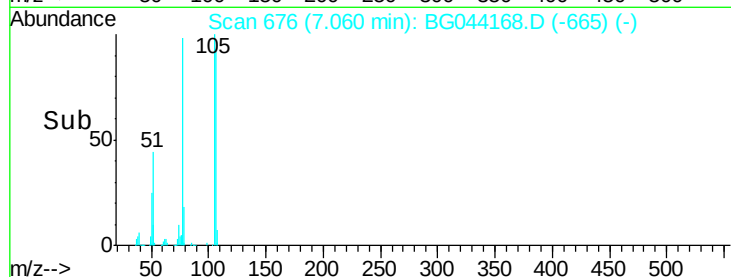
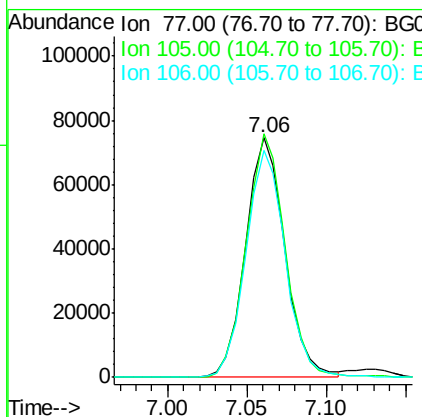
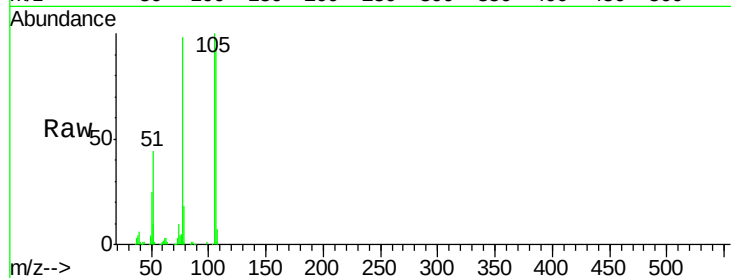
ClientSampleId :

STOCK-PILE-AMS

Tot Ion:	77	Resp:	127980
Ion	Ratio	Lower	Upper
77	100		
105	101.8	80.2	120.2
106	94.8	77.2	117.2

Manual Integrations
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#10

Phenol

Concen: 57.076 ng

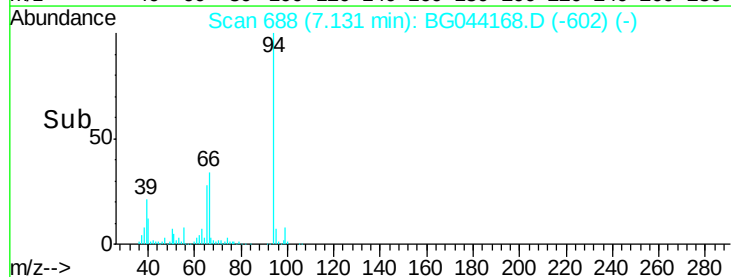
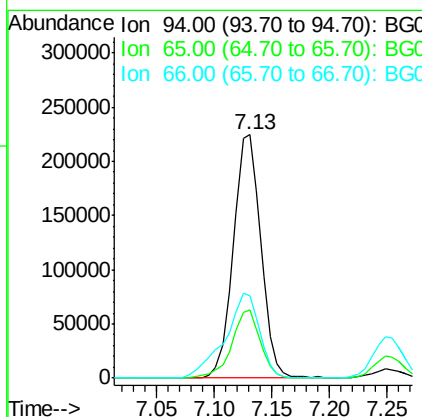
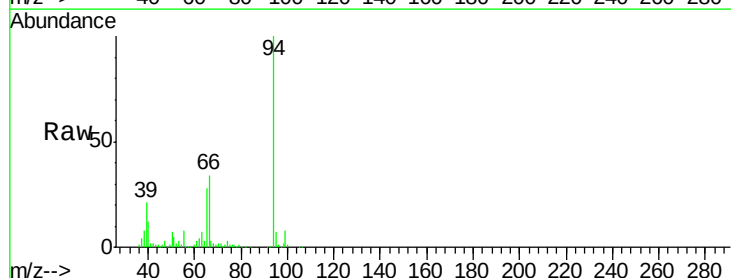
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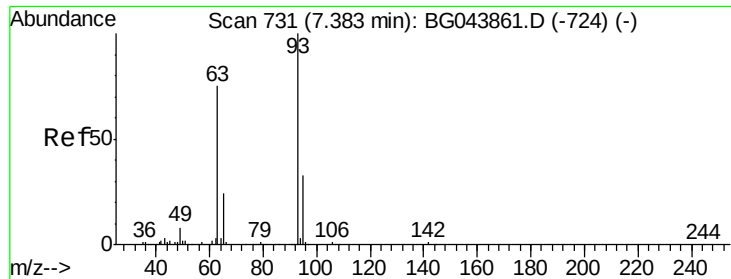
Delta R.T. -0.02 min

Lab File: BG044168.D

Acq: 23 Jan 2020 15:39

Tgt Ion:	94	Resp:	370867
Ion	Ratio	Lower	Upper
94	100		
65	28.0	8.1	48.1
66	33.8	15.6	55.6





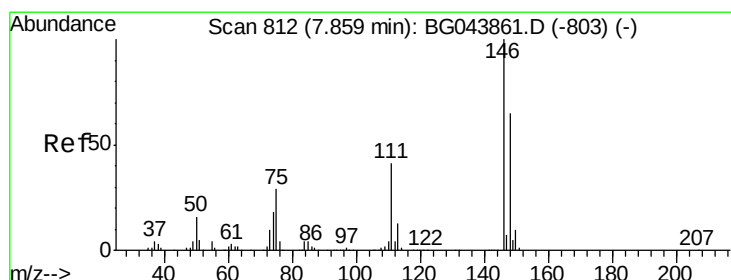
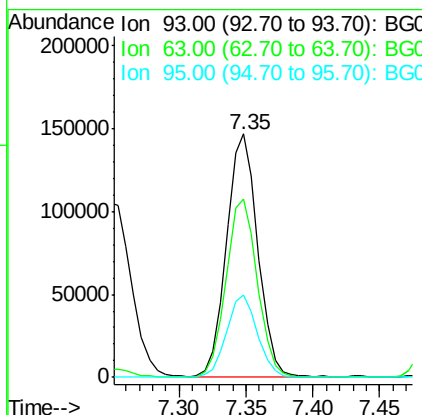
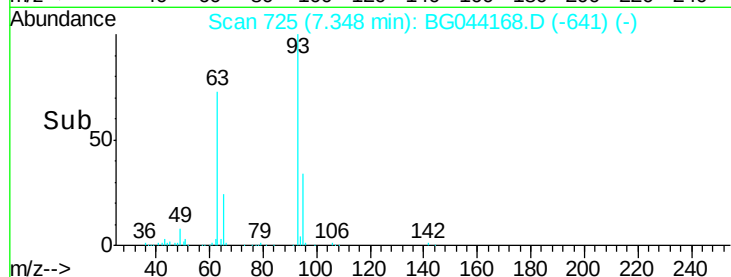
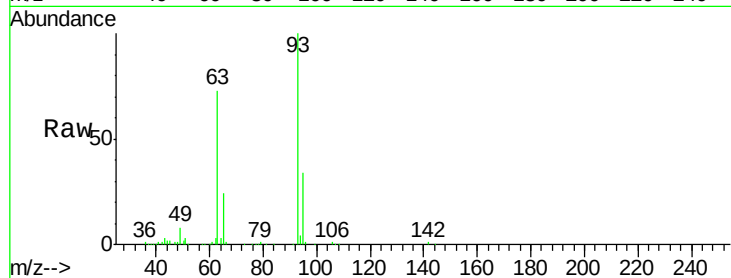
#11
bis(2-Chloroethyl)ether
Concen: 42.577 ng
RT: 7.35 min Scan# 725
Delta R.T. -0.03 min
Lab File: BG044168.D
Acq: 23 Jan 2020 15:39

Instrument :
BNA_G
ClientSampleId :
STOCK-PILE-AMS

Tot Ion:	93	Resp:	238810
Ion Ratio	Lower	Upper	
93	100		
63	73.3	55.0	95.0
95	33.9	13.3	53.3

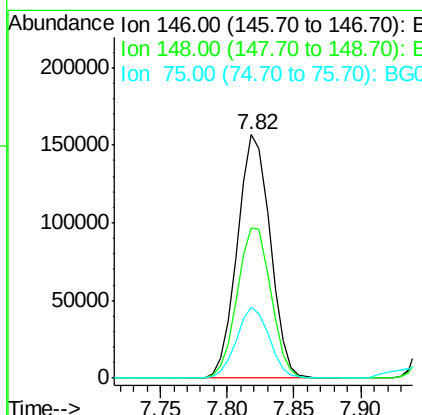
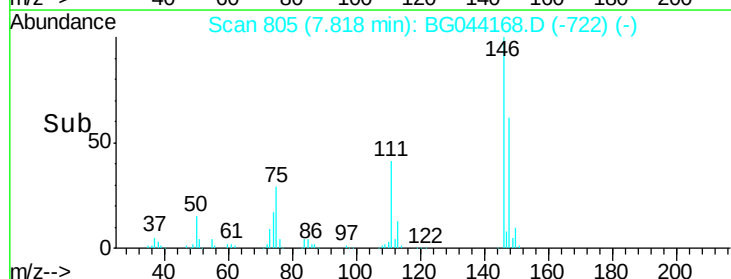
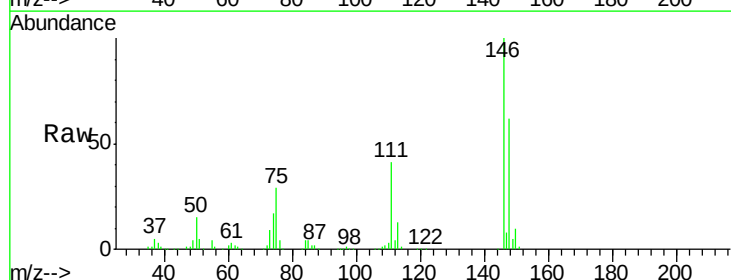
Manual Integrations
APPROVED

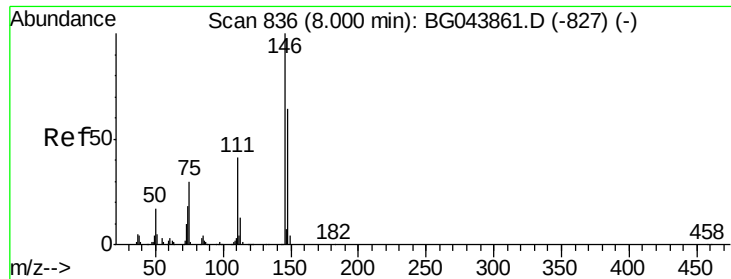
mohammad
1/24/2020 1:53:37 PM



#12
1,3-Dichlorobenzene
Concen: 43.148 ng
RT: 7.82 min Scan# 805
Delta R.T. -0.04 min
Lab File: BG044168.D
Acq: 23 Jan 2020 15:39

Tgt Ion:	146	Resp:	267438
Ion Ratio	Lower	Upper	
146	100		
148	61.8	52.1	78.1
75	29.3	23.0	34.4





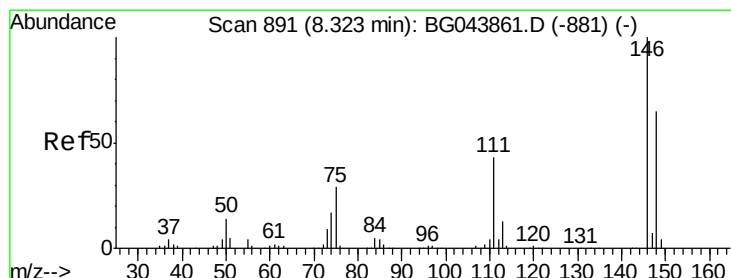
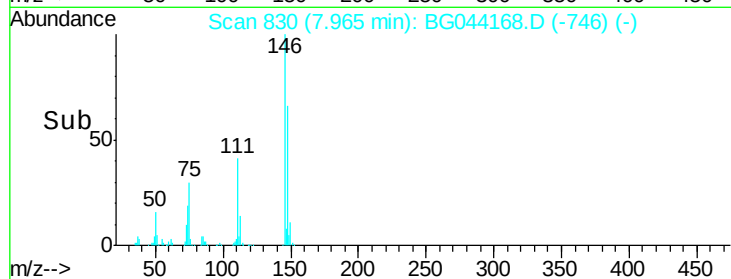
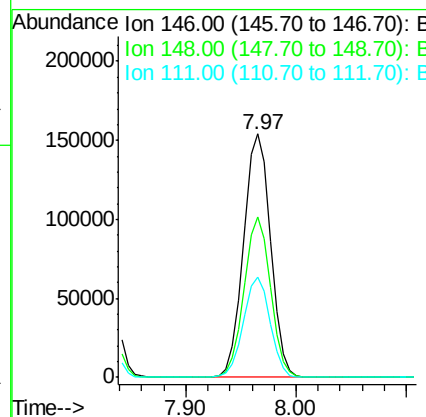
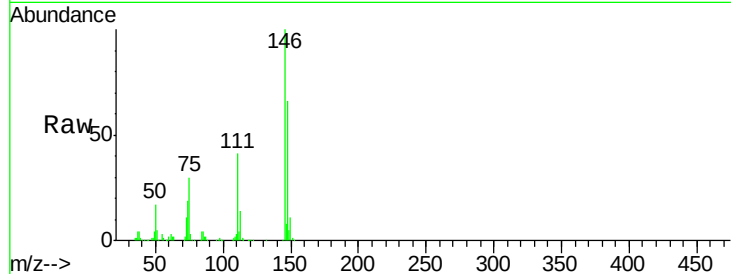
#13
1,4-Dichlorobenzene
Concen: 43.299 ng
RT: 7.97 min Scan# 830
Delta R.T. -0.03 min
Lab File: BG044168.D
Acq: 23 Jan 2020 15:39

Instrument :
BNA_G
ClientSampleId :
STOCK-PILE-AMS

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.9	51.2	76.8
111	41.4	33.1	49.7

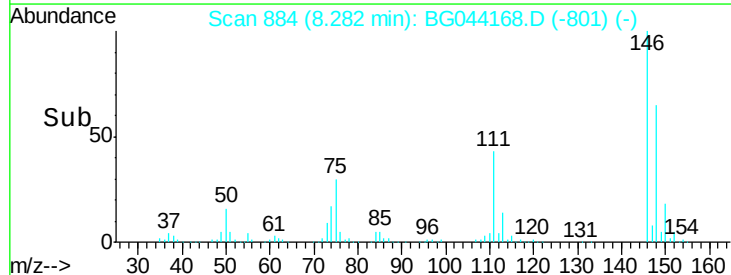
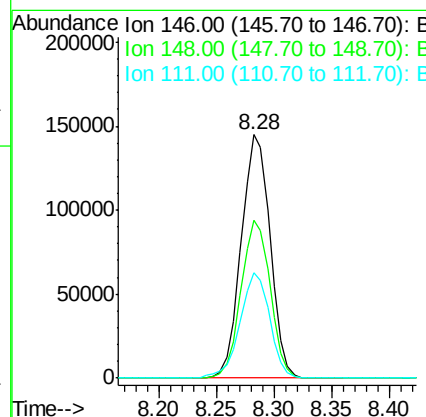
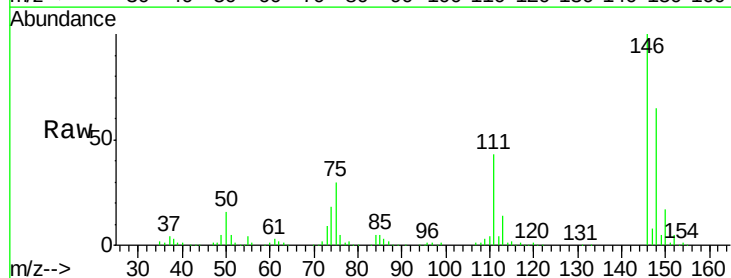
Manual Integrations
APPROVED

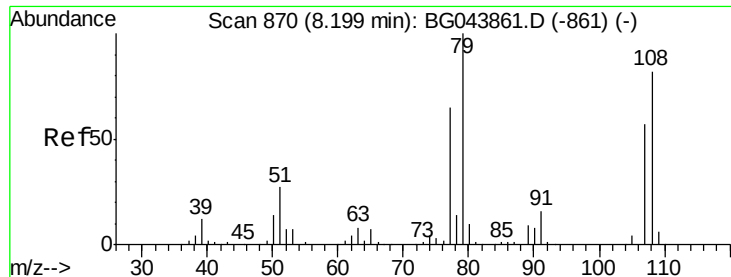
mohammad
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#14
1,2-Dichlorobenzene
Concen: 42.816 ng
RT: 8.28 min Scan# 884
Delta R.T. -0.04 min
Lab File: BG044168.D
Acq: 23 Jan 2020 15:39

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.7	51.7	77.5
111	43.1	34.4	51.6





#15

Benzyl Alcohol

Concen: 44.771 ng

RT: 8.16 min Scan# 864

Delta R.T. -0.03 min

Lab File: BG044168.D

Acq: 23 Jan 2020 15:39

Instrument :

BNA_G

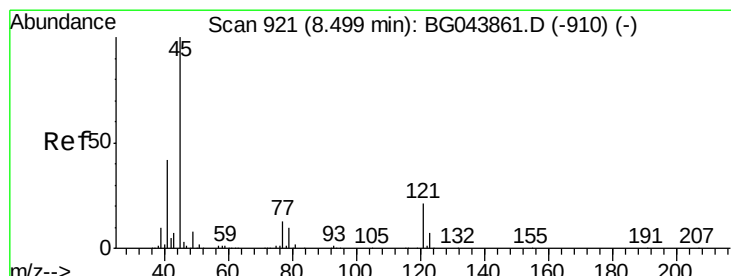
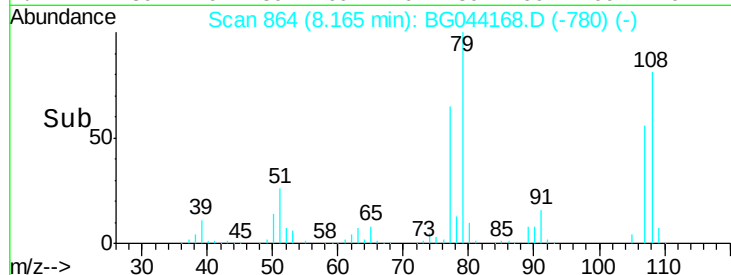
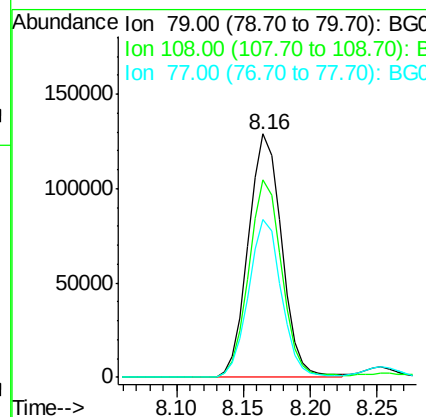
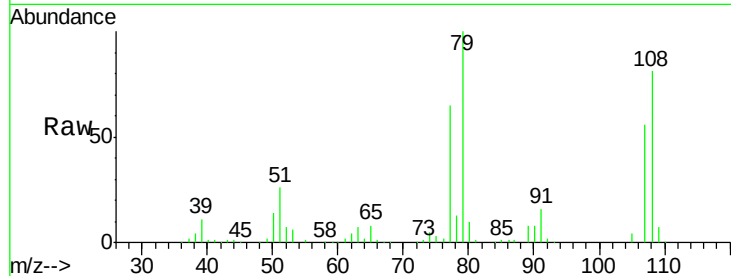
ClientSampleId :

STOCK-PILE-AMS

Tot Ion:	79	Resp:	222837
Ion Ratio	Lower	Upper	
79	100		
108	81.0	65.6	98.4
77	65.1	52.0	78.0

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.648 ng

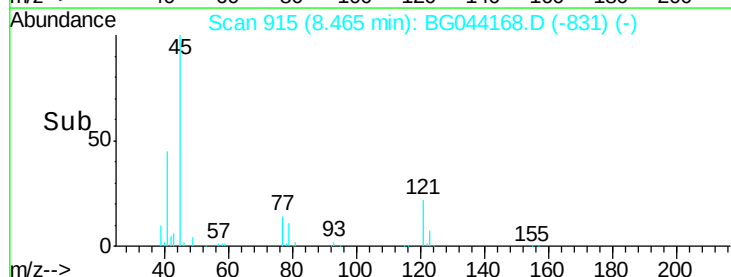
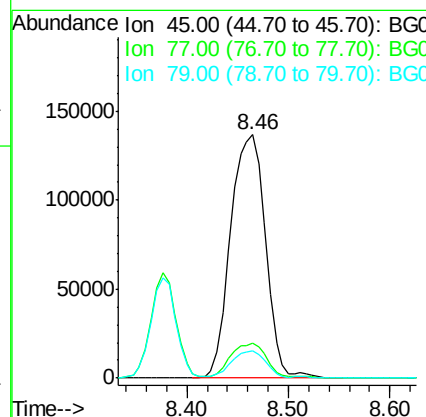
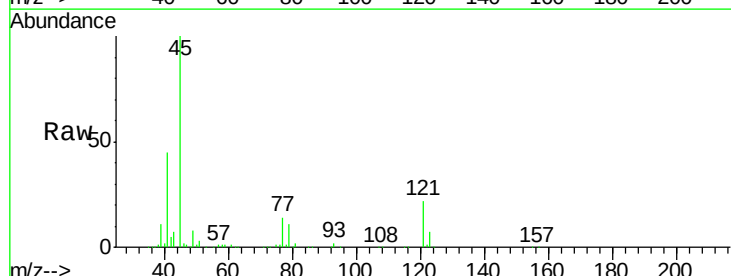
RT: 8.46 min Scan# 915

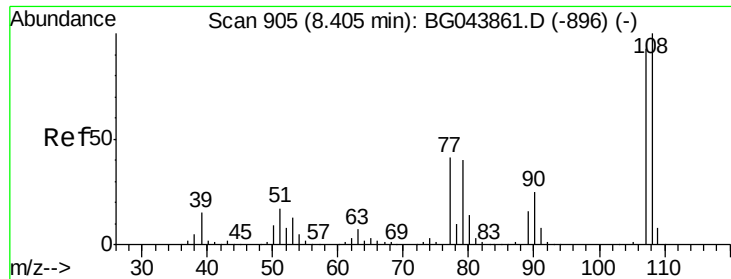
Delta R.T. -0.03 min

Lab File: BG044168.D

Acq: 23 Jan 2020 15:39

Tgt Ion:	45	Resp:	326693
Ion Ratio	Lower	Upper	
45	100		
77	14.2	0.0	33.8
79	11.0	0.0	31.0





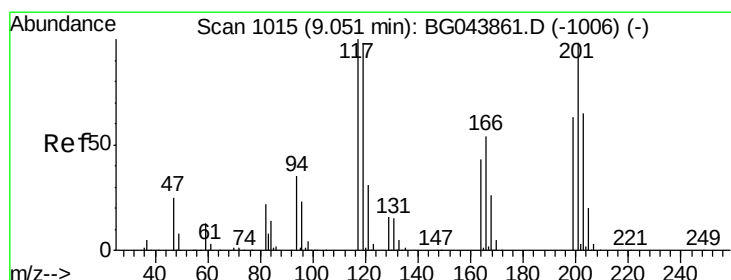
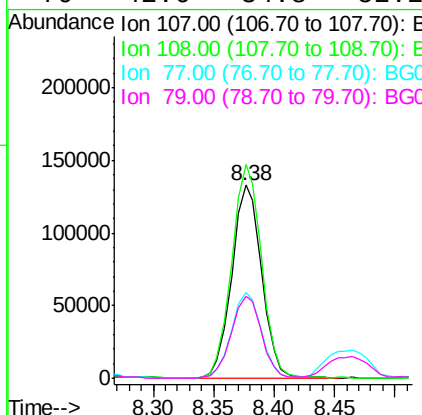
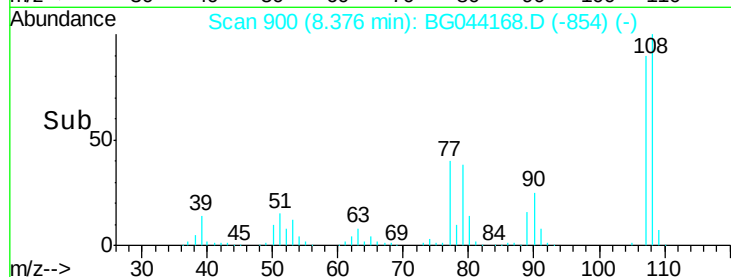
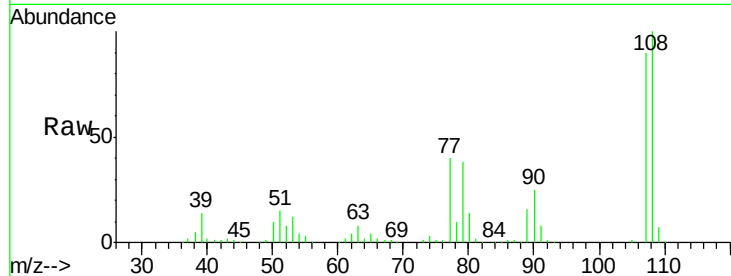
#17
2-Methylphenol
Concen: 48.469 ng
RT: 8.38 min Scan# 900
Delta R.T. -0.03 min
Lab File: BG044168.D
Acq: 23 Jan 2020 15:39

Instrument :
BNA_G
ClientSampleId :
STOCK-PILE-AMS

Tot Ion	107	Resp	227909
Ion Ratio	Lower	Upper	
107	100		
108	110.6	86.1	129.1
77	44.7	35.4	53.0
79	42.6	34.8	52.2

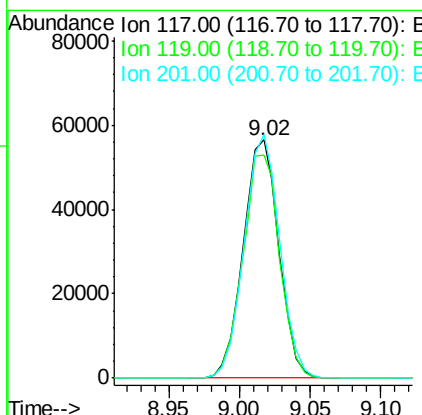
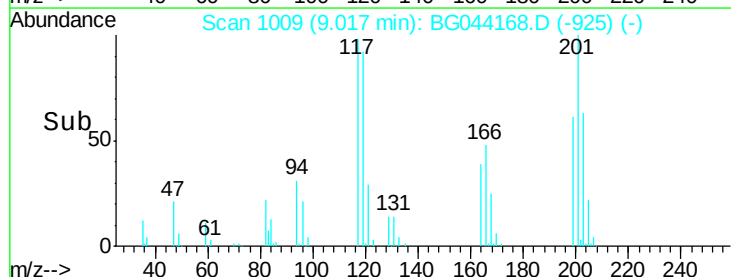
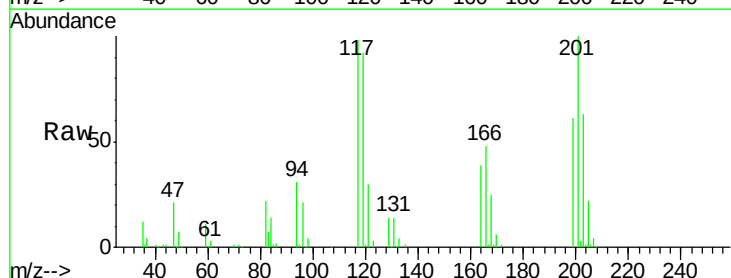
Manual Integrations
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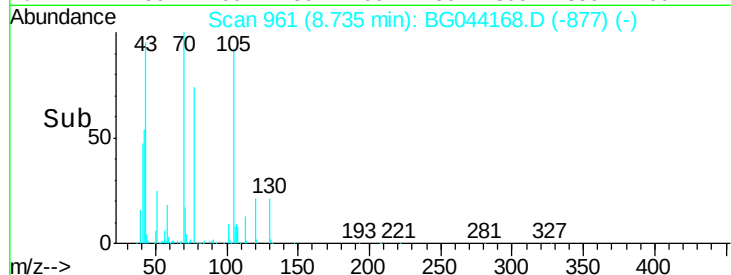
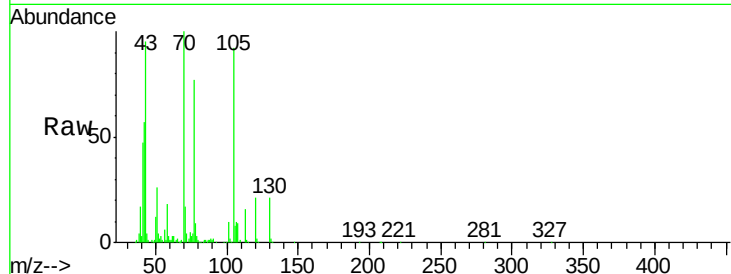
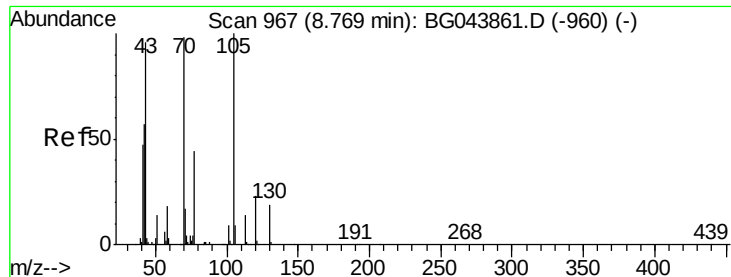
mohammad
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#18
Hexachloroethane
Concen: 41.986 ng
RT: 9.02 min Scan# 1009
Delta R.T. -0.03 min
Lab File: BG044168.D
Acq: 23 Jan 2020 15:39

Tgt Ion	117	Resp	99912
Ion Ratio	Lower	Upper	
117	100		
119	93.7	78.1	117.1
201	102.2	78.6	117.8





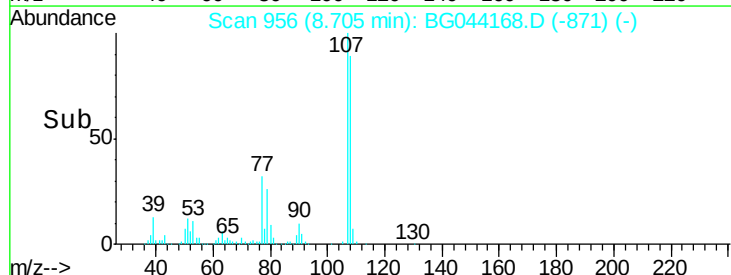
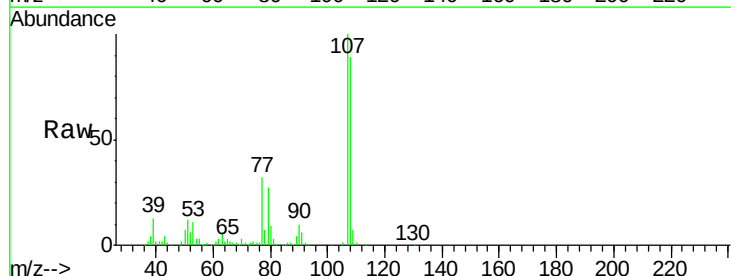
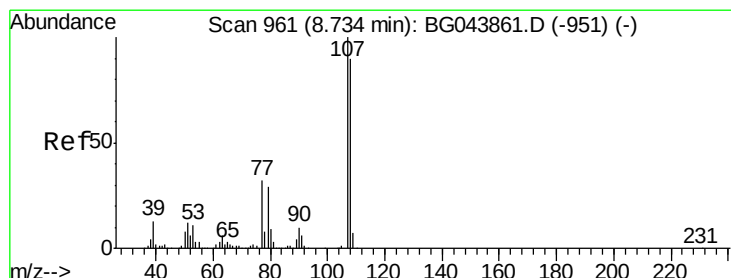
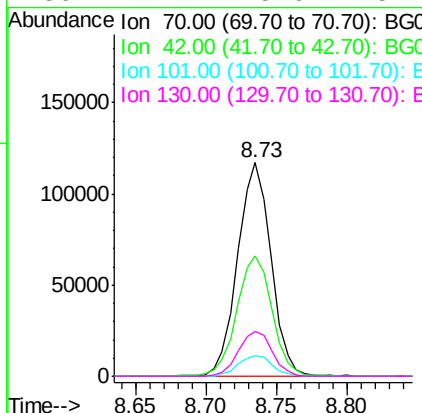
#19
n-Nitroso-di-n-propylamine
Concen: 41.259 ng
RT: 8.73 min Scan# 961
Delta R.T. -0.03 min
Lab File: BG044168.D
Acq: 23 Jan 2020 15:39

Tot Ion	Ion	Ratio	Lower	Upper
193777	70	100		
	42	56.6	47.0	70.4
	101	9.9	7.2	10.8
	130	21.1	15.6	23.4

Instrument :
BNA_G
ClientSampleId :
STOCK-PILE-AMS

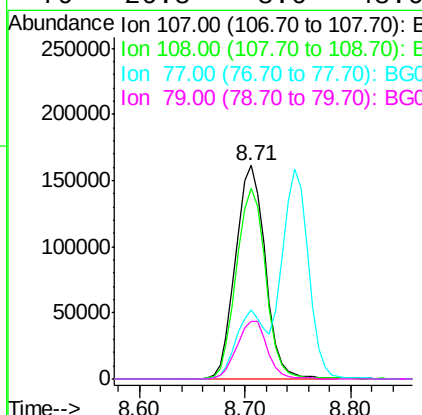
Manual Integrations
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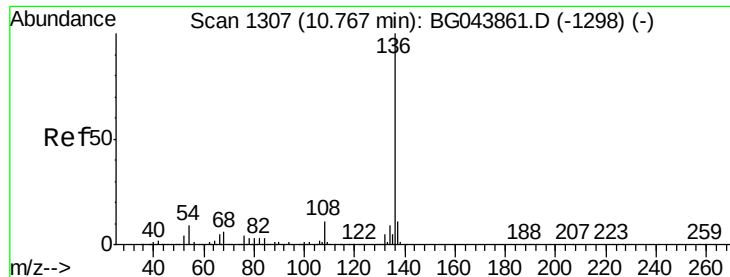
mohammad
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#20
3+4-Methylphenols
Concen: 47.981 ng
RT: 8.71 min Scan# 956
Delta R.T. -0.03 min
Lab File: BG044168.D
Acq: 23 Jan 2020 15:39

Tgt Ion	Ion	Ratio	Lower	Upper
314739	107	100		
	108	89.3	70.3	110.3
	77	32.2	12.4	52.4
	79	26.8	8.6	48.6





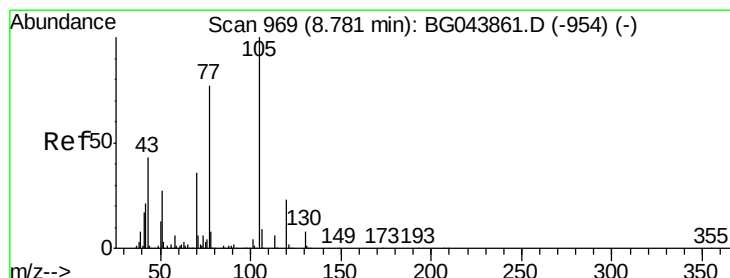
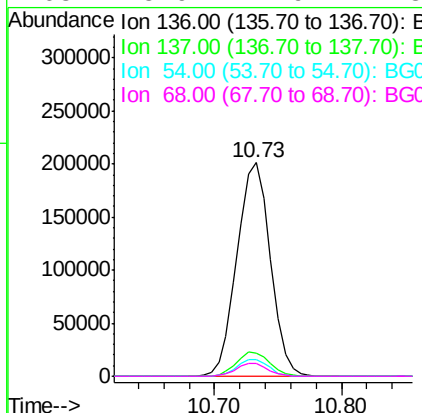
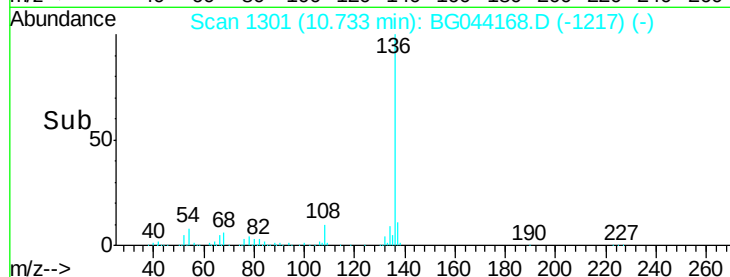
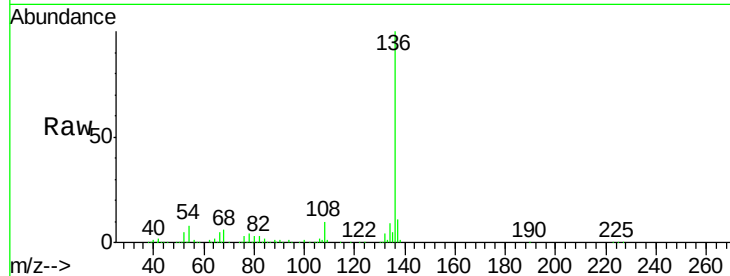
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.73 min Scan# 1301
Delta R.T. -0.03 min
Lab File: BG044168.D
Acq: 23 Jan 2020 15:39

Instrument :
BNA_G
ClientSampleId :
STOCK-PILE-AMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		367371		
137	10.8	8.8	13.2		
54	7.6	7.0	10.4		
68	5.9	4.9	7.3		

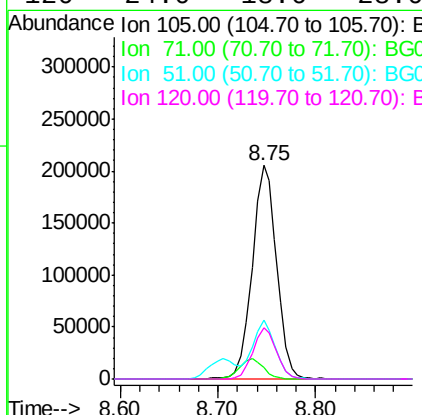
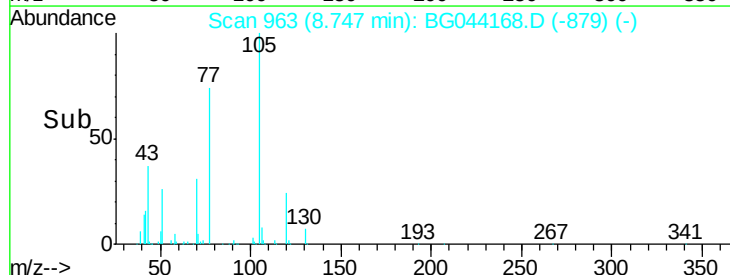
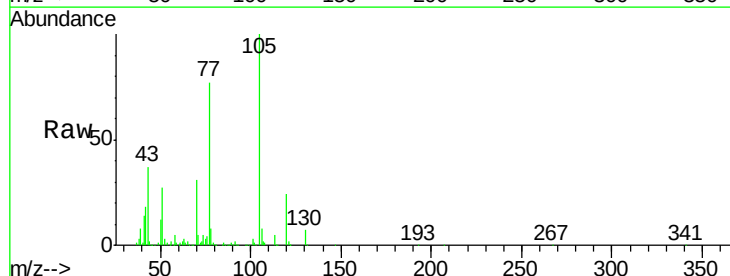
Manual Integrations
APPROVED

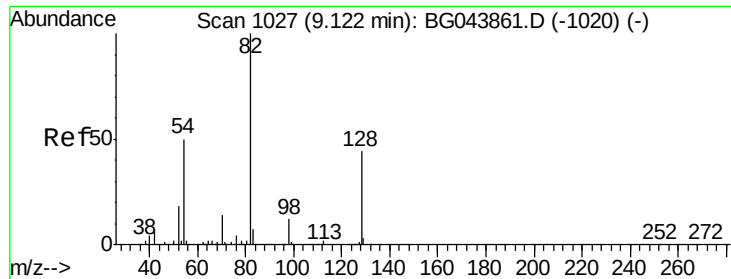
mohammad
1/24/2020 1:53:37 PM



#22
Acetophenone
Concen: 39.454 ng
RT: 8.75 min Scan# 963
Delta R.T. -0.03 min
Lab File: BG044168.D
Acq: 23 Jan 2020 15:39

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		360337		
71	5.4	4.8	7.2		
51	27.4	21.4	32.0		
120	24.0	18.6	28.0		





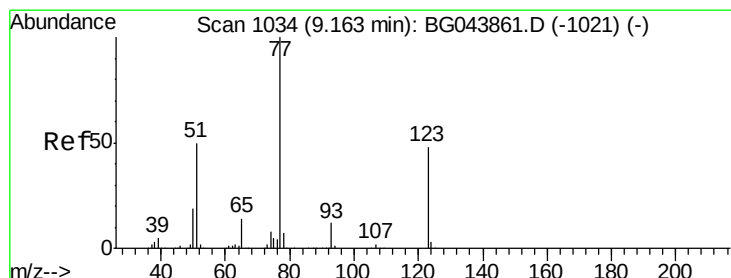
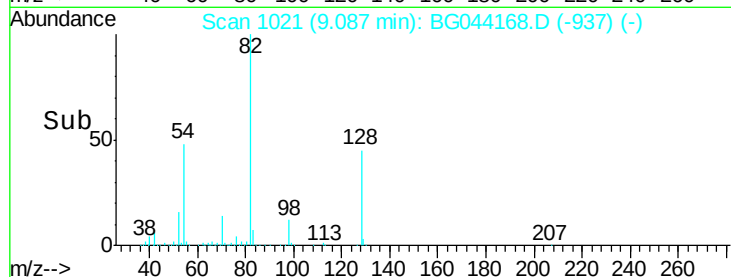
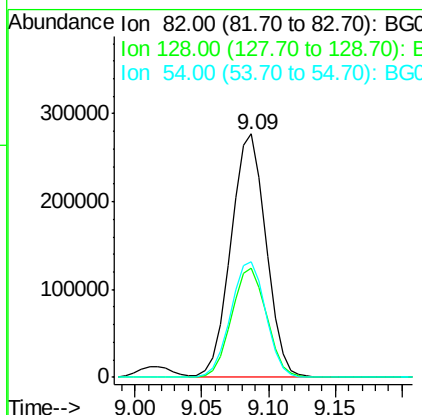
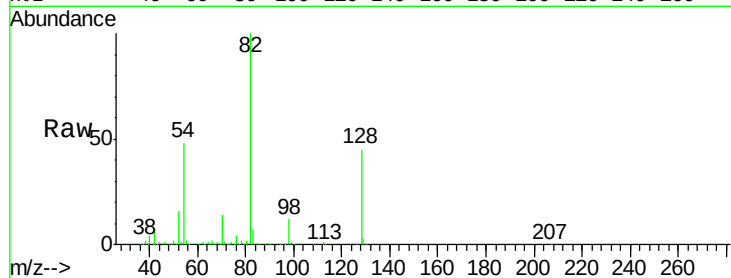
#23
 Nitrobenzene-d5
 Concen: 73.651 ng
 RT: 9.09 min Scan# 1021
 Delta R.T. -0.03 min
 Lab File: BG044168.D
 Acq: 23 Jan 2020 15:39

Instrument :
 BNA_G
 ClientSampleId :
 STOCK-PILE-AMS

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.9	35.1	52.7
54	47.6	40.1	60.1

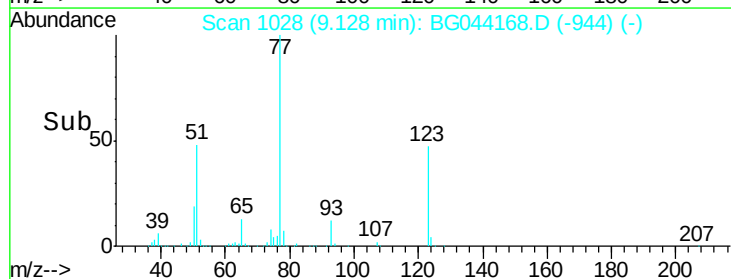
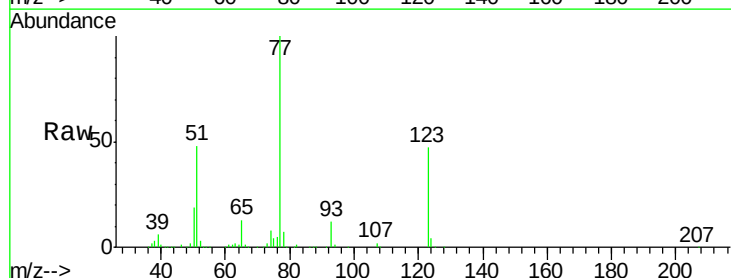
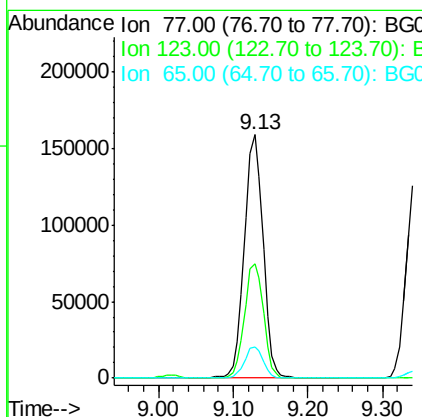
Manual Integrations
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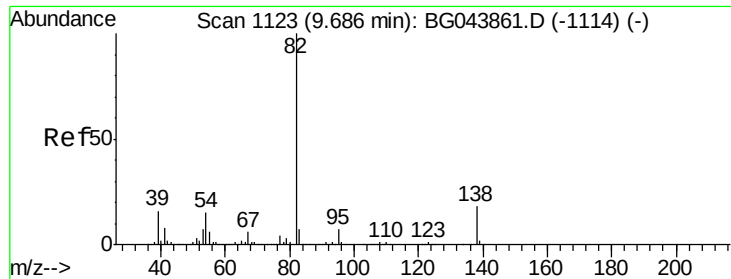
mohammad
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#24
 Nitrobenzene
 Concen: 40.790 ng
 RT: 9.13 min Scan# 1028
 Delta R.T. -0.03 min
 Lab File: BG044168.D
 Acq: 23 Jan 2020 15:39

Tgt Ion	Ratio	Lower	Upper
77	100		
123	47.1	38.7	58.1
65	12.9	11.1	16.7





#25

Isophorone

Concen: 41.312 ng

RT: 9.65 min Scan# 1117

Delta R.T. -0.03 min

Lab File: BG044168.D

Acq: 23 Jan 2020 15:39

Instrument :

BNA_G

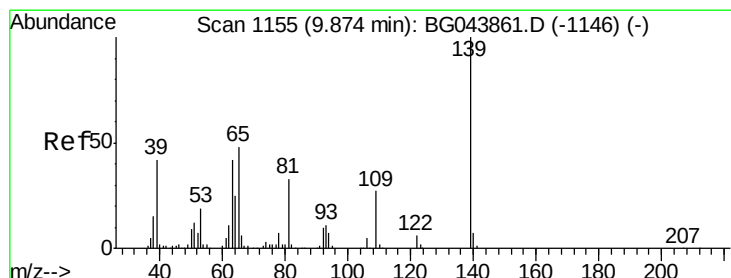
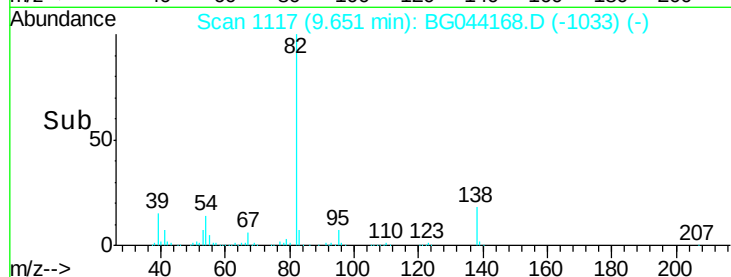
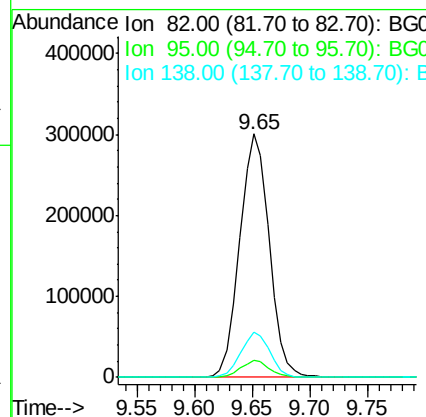
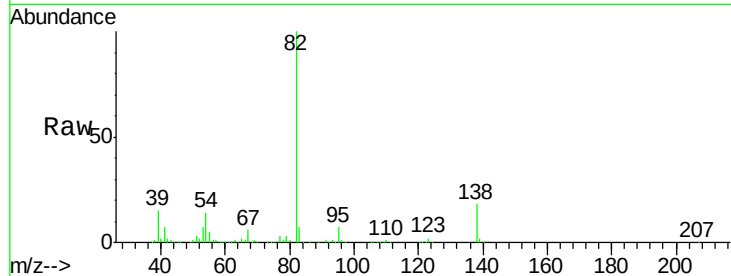
ClientSampleId :

STOCK-PILE-AMS

Tot Ion:	82	Resp:	532256
Ion Ratio	Lower	Upper	
82	100		
95	7.1	5.8	8.6
138	18.4	14.6	22.0

Manual Integrations
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#26

2-Nitrophenol

Concen: 45.248 ng

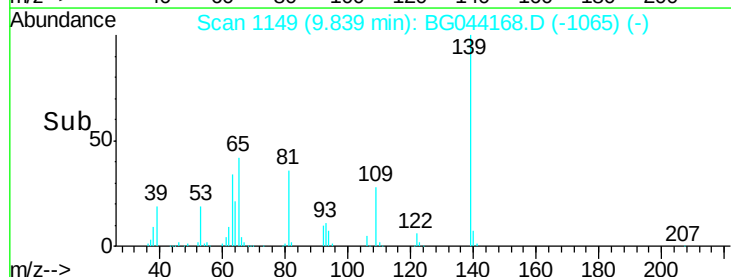
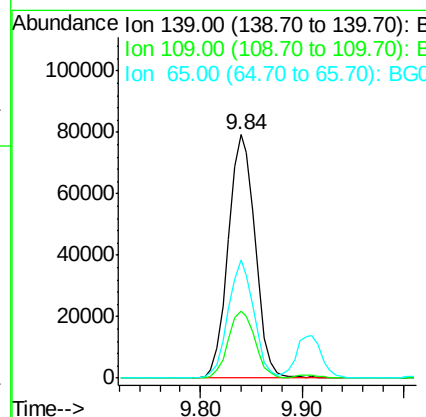
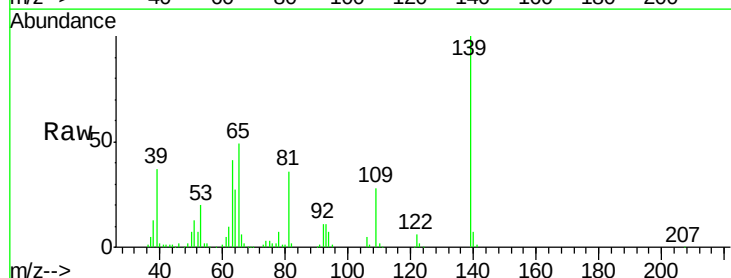
RT: 9.84 min Scan# 1149

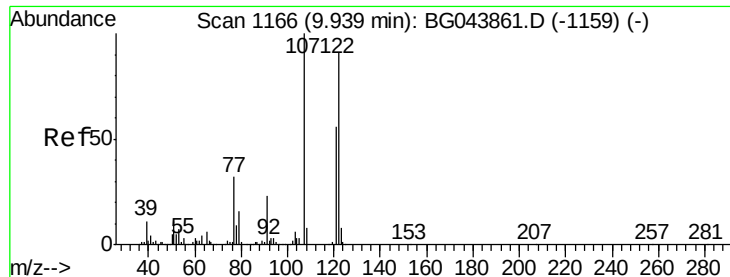
Delta R.T. -0.03 min

Lab File: BG044168.D

Acq: 23 Jan 2020 15:39

Tgt Ion:	139	Resp:	145603
Ion Ratio	Lower	Upper	
139	100		
109	27.5	21.3	31.9
65	48.7	38.6	57.8





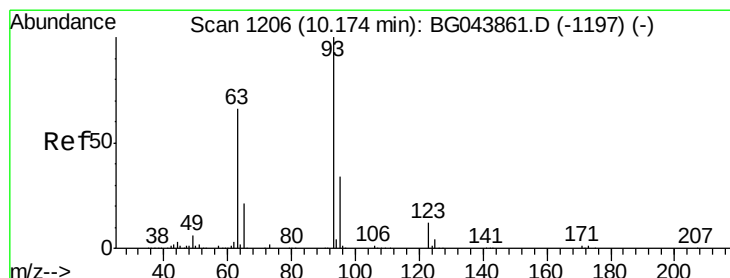
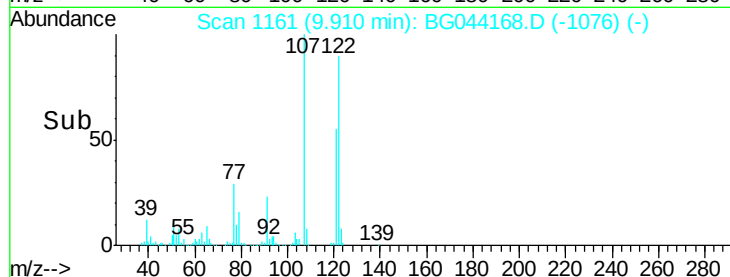
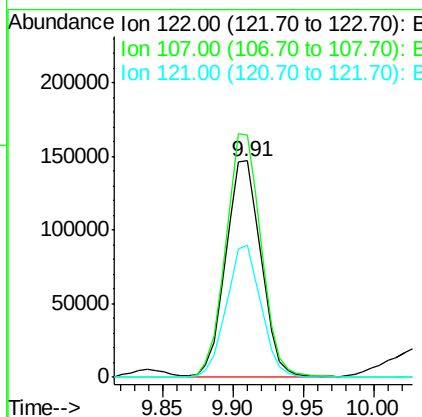
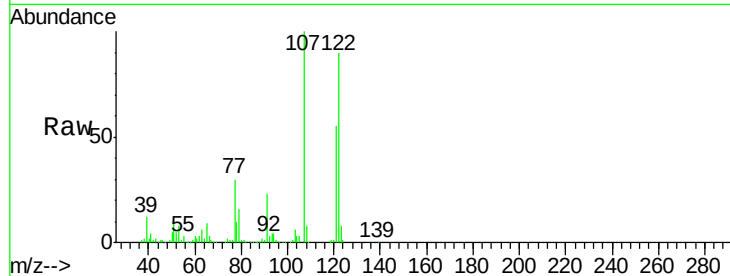
#27
 2,4-Dimethylphenol
 Concen: 52.673 ng
 RT: 9.91 min Scan# 1161
 Delta R.T. -0.03 min
 Lab File: BG044168.D
 Acq: 23 Jan 2020 15:39

Instrument :
 BNA_G
 ClientSampleId :
 STOCK-PILE-AMS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	255142		
107	111.6	88.0	132.0	
121	61.0	49.0	73.4	

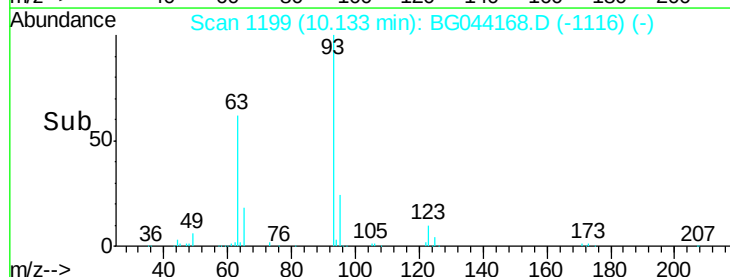
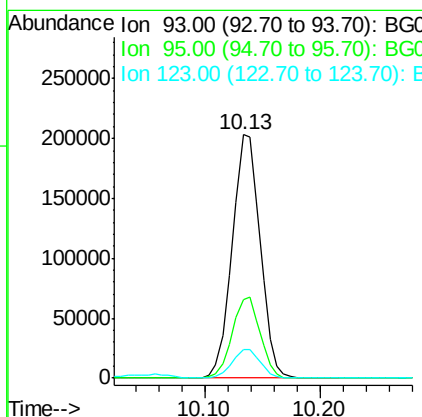
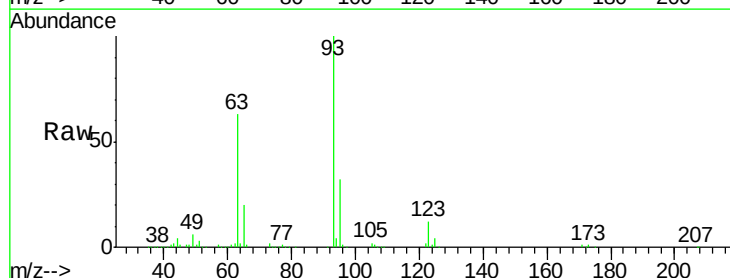
Manual Integrations
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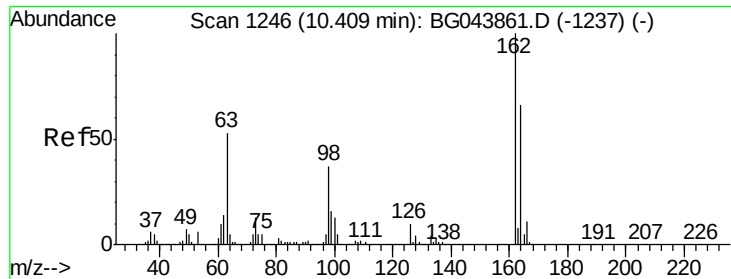
mohammad
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#28
 bis(2-Chloroethoxy)methane
 Concen: 39.630 ng
 RT: 10.13 min Scan# 1199
 Delta R.T. -0.04 min
 Lab File: BG044168.D
 Acq: 23 Jan 2020 15:39

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	340397		
95	32.0	27.2	40.8	
123	11.6	9.7	14.5	





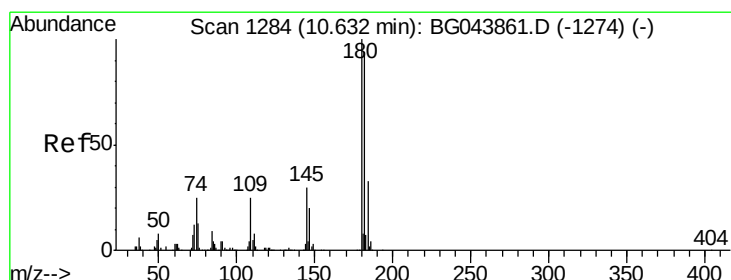
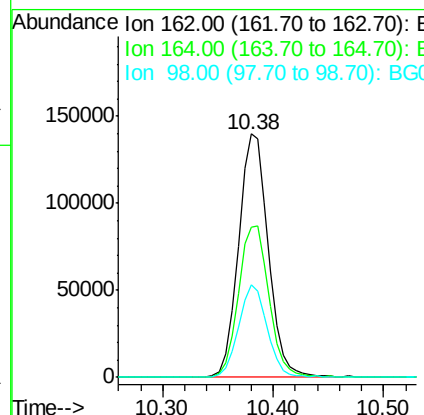
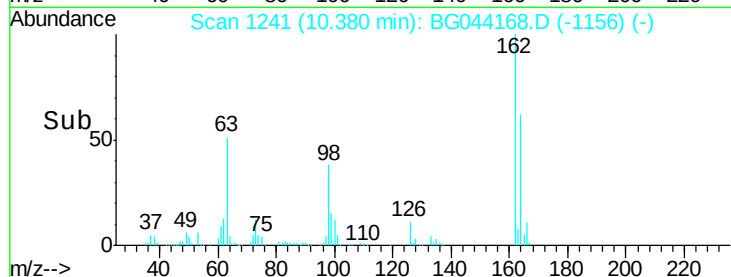
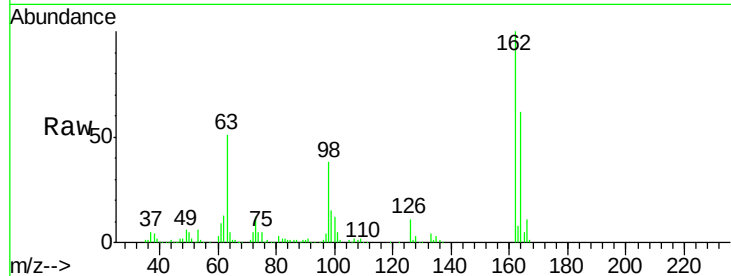
#29
 2,4-Dichlorophenol
 Concen: 45.658 ng
 RT: 10.38 min Scan# 1241
 Delta R.T. -0.03 min
 Lab File: BG044168.D
 Acq: 23 Jan 2020 15:39

Instrument :
 BNA_G
 ClientSampleId :
 STOCK-PILE-AMS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	263809		
164	61.8	46.3	86.3	
98	38.0	17.3	57.3	

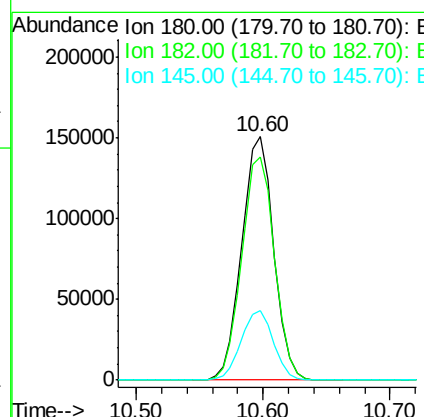
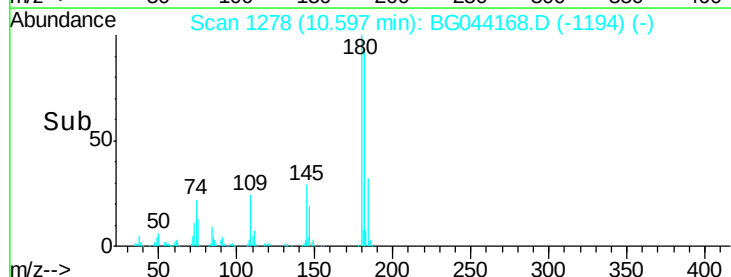
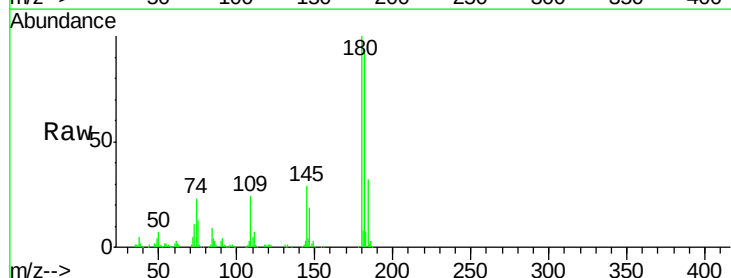
Manual Integrations
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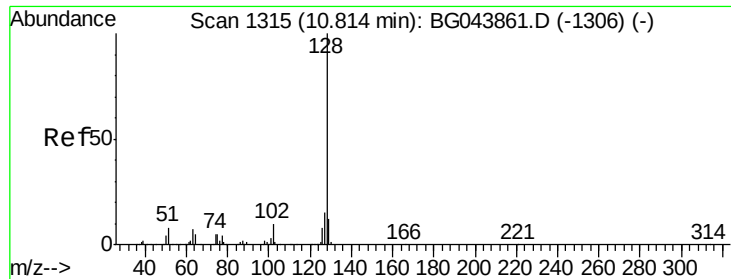
mohammad
 1/24/2020 1:53:37 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 40.527 ng
 RT: 10.60 min Scan# 1278
 Delta R.T. -0.03 min
 Lab File: BG044168.D
 Acq: 23 Jan 2020 15:39

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	262553		
182	91.9	75.0	112.4	
145	28.8	24.2	36.4	





#31

Naphthalene

Concen: 43.899 ng

RT: 10.78 min Scan# 1309

Delta R.T. -0.03 min

Lab File: BG044168.D

Acq: 23 Jan 2020 15:39

Instrument :

BNA_G

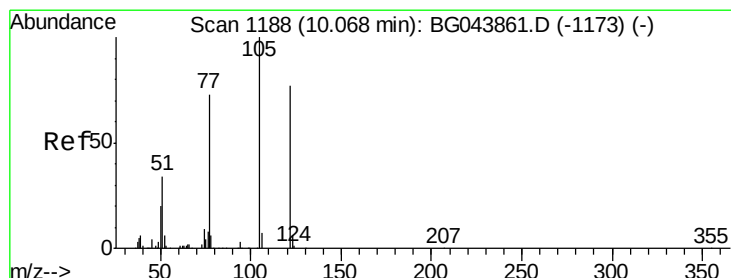
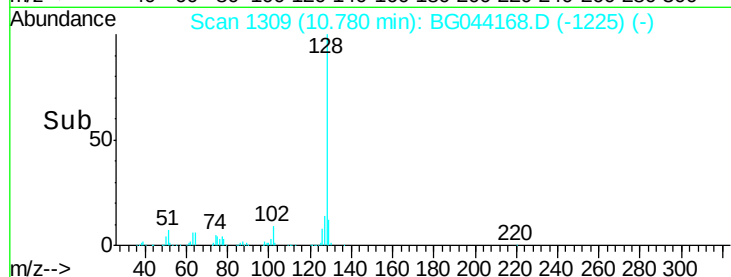
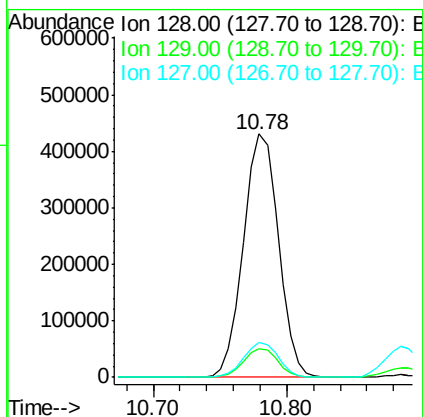
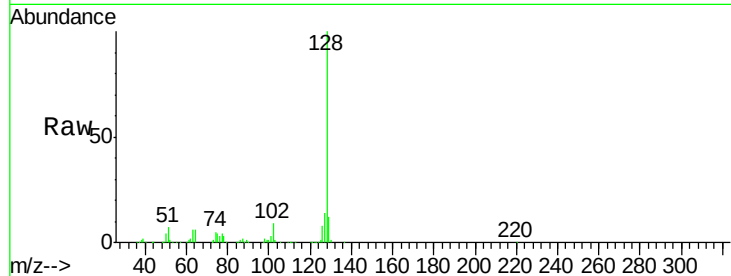
ClientSampleId :

STOCK-PILE-AMS

Tot Ion:	128	Resp:	780415
Ion Ratio	Lower	Upper	
128	100		
129	11.7	9.8	14.6
127	14.5	12.0	18.0

Manual Integrations
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#32

Benzoic acid

Concen: 33.567 ng

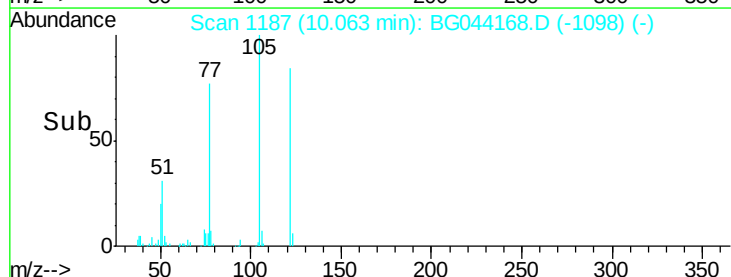
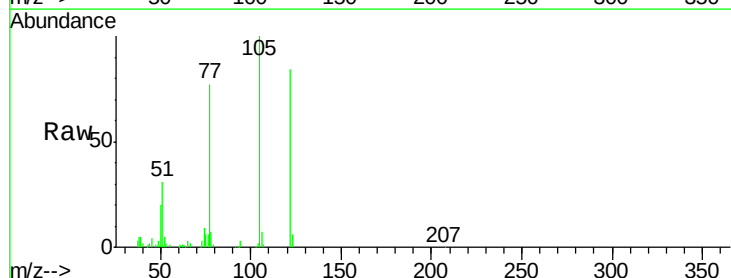
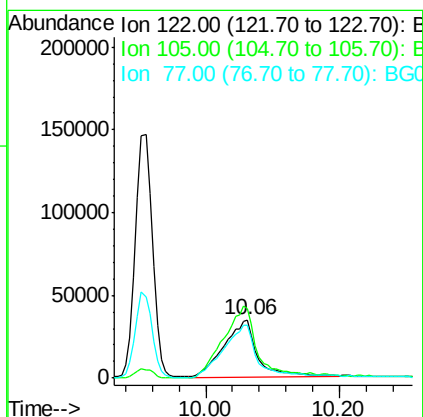
RT: 10.06 min Scan# 1187

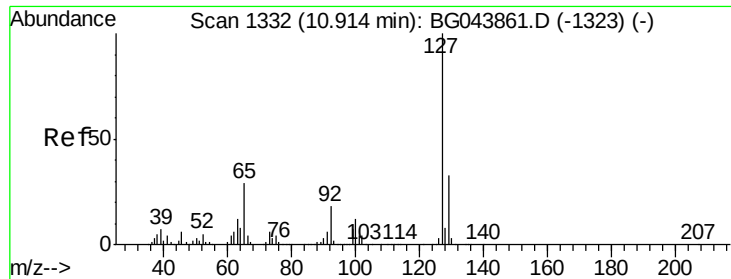
Delta R.T. -0.00 min

Lab File: BG044168.D

Acq: 23 Jan 2020 15:39

Tgt Ion:	122	Resp:	123868
Ion Ratio	Lower	Upper	
122	100		
105	119.2	106.4	146.4
77	91.6	74.6	114.6





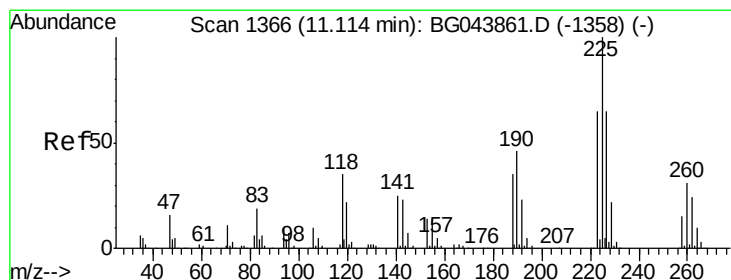
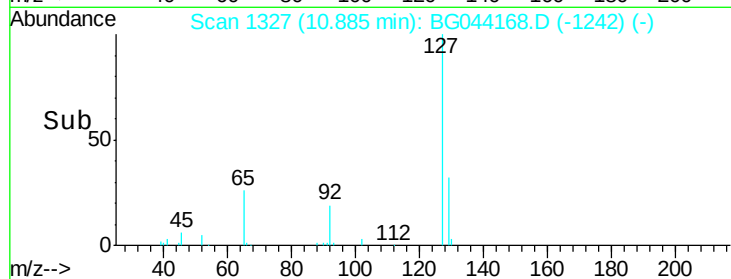
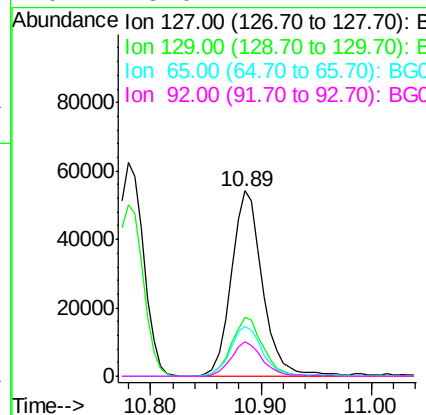
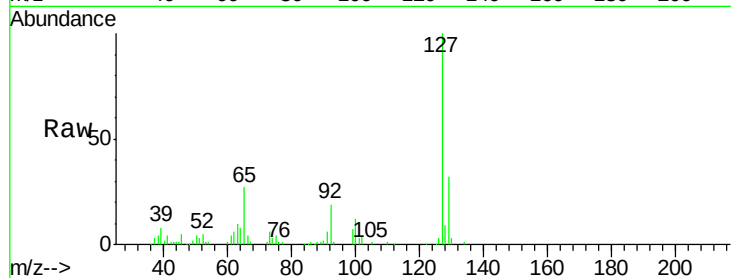
#33
4-Chloroaniline
Concen: 12.638 ng
RT: 10.89 min Scan# 1327
Delta R.T. -0.03 min
Lab File: BG044168.D
Acq: 23 Jan 2020 15:39

Instrument :
BNA_G
ClientSampleId :
STOCK-PILE-AMS

Tot Ion	Ratio	Lower	Upper
127	100		
129	31.9	26.6	40.0
65	27.3	23.3	34.9
92	18.6	14.7	22.1

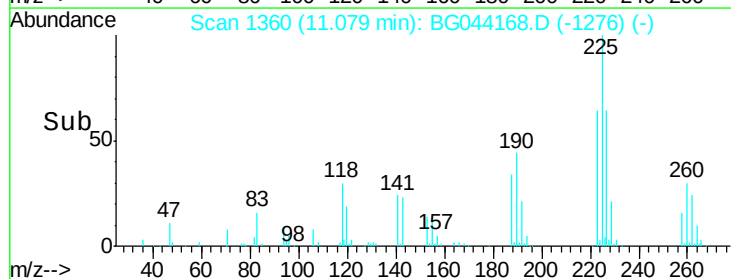
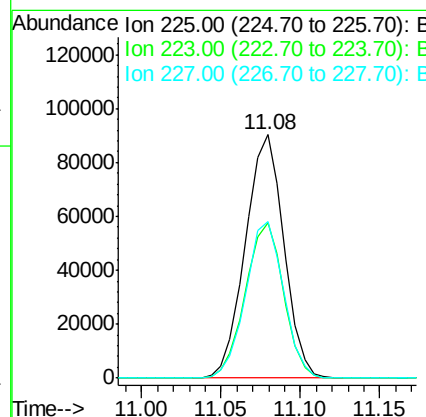
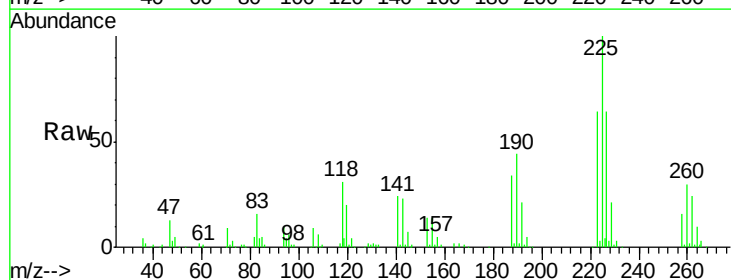
Manual Integrations
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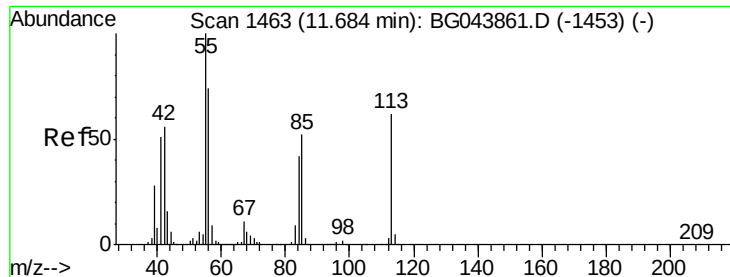
mohammad
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#34
Hexachlorobutadiene
Concen: 38.540 ng
RT: 11.08 min Scan# 1360
Delta R.T. -0.03 min
Lab File: BG044168.D
Acq: 23 Jan 2020 15:39

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.8	52.2	78.4
227	64.4	52.1	78.1





#35

Caprolactam

Concen: 45.625 ng/mL

RT: 11.65 min Scan# 1458

Delta R.T. -0.03 min

Lab File: BG044168.D

Acq: 23 Jan 2020 15:39

Instrument :

BNA_G

ClientSampleId :

STOCK-PILE-AMS

Tot Ion:113 Resp: 98136

Ion Ratio Lower Upper

113 100

55 162.3 142.5 182.5

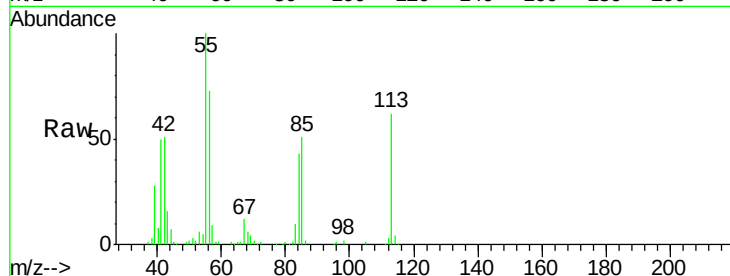
56 118.1 101.4 141.4

Manual Integrations

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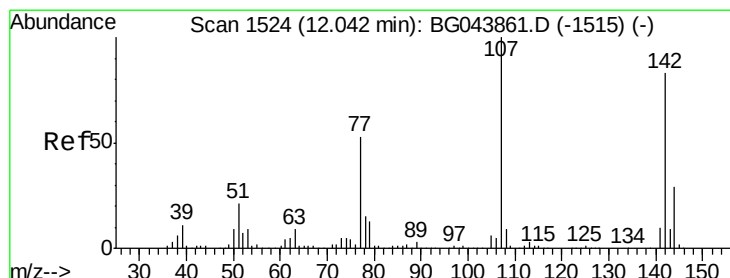
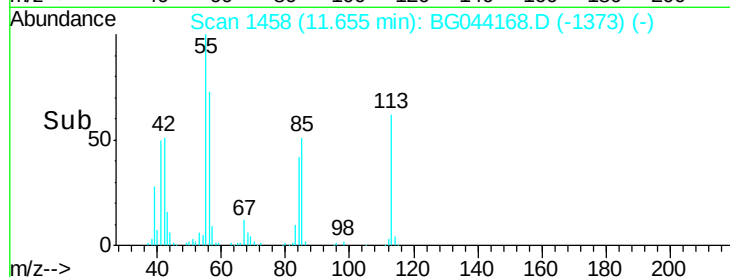
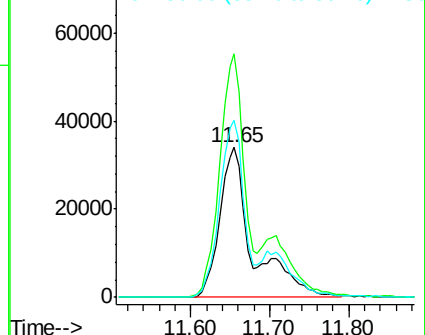
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 46.439 ng/mL

RT: 12.02 min Scan# 1520

Delta R.T. -0.02 min

Lab File: BG044168.D

Acq: 23 Jan 2020 15:39

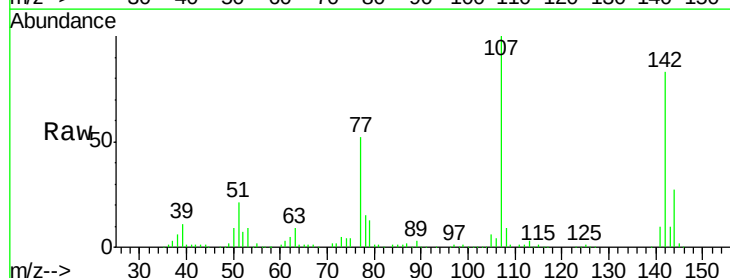
Tgt Ion:107 Resp: 285646

Ion Ratio Lower Upper

107 100

144 27.4 23.4 35.2

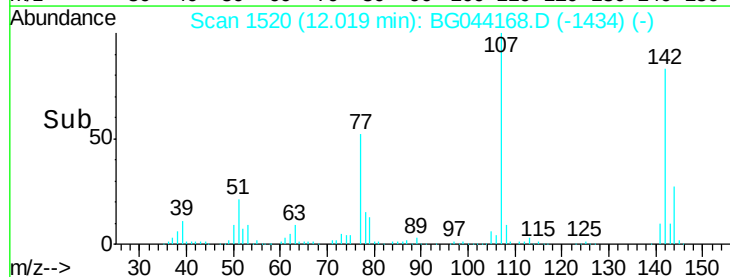
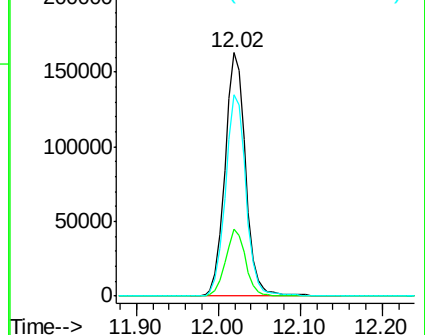
142 82.9 66.3 99.5

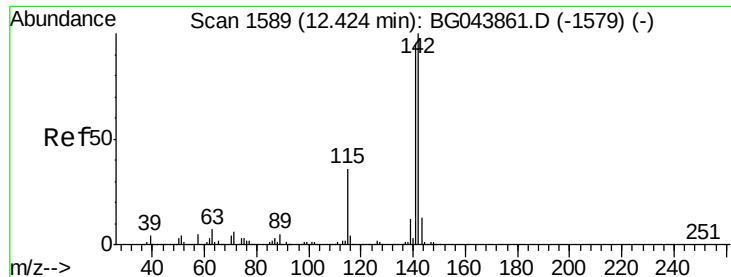


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





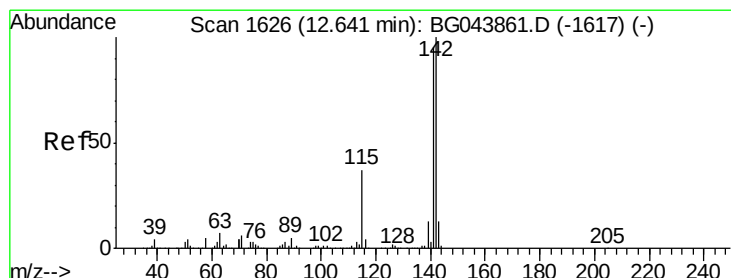
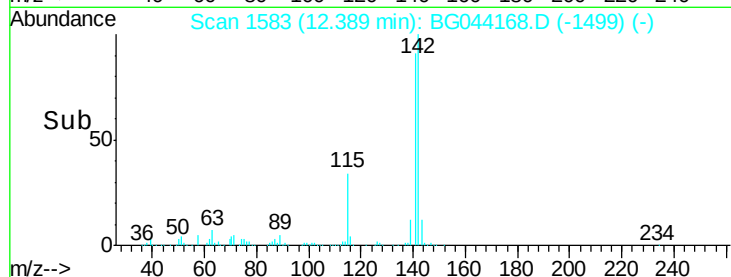
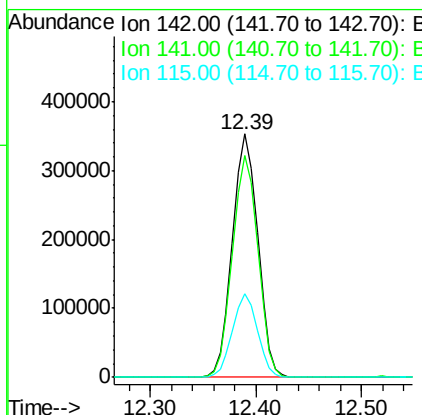
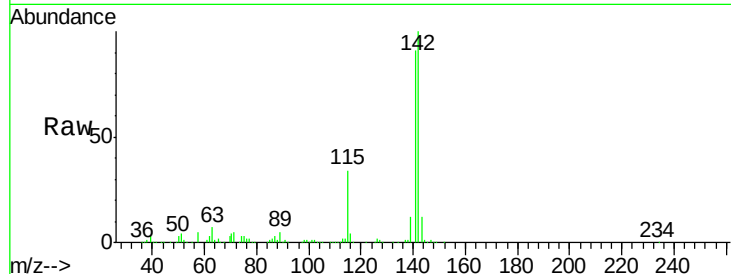
#37
2-Methylnaphthalene
Concen: 43.920 ng
RT: 12.39 min Scan# 1583
Delta R.T. -0.03 min
Lab File: BG044168.D
Acq: 23 Jan 2020 15:39

Instrument :
BNA_G
ClientSampleId :
STOCK-PILE-AMS

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.3	75.8	113.8
115	34.3	28.6	42.8

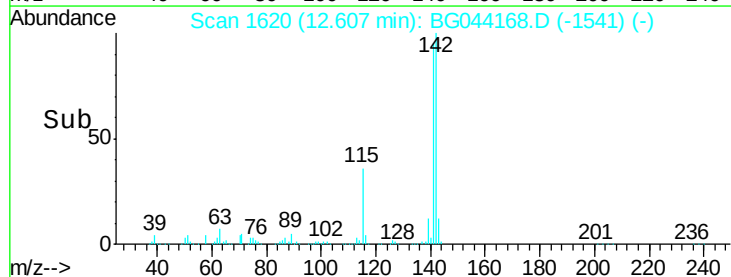
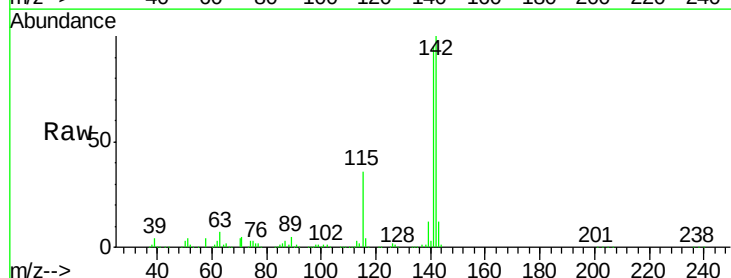
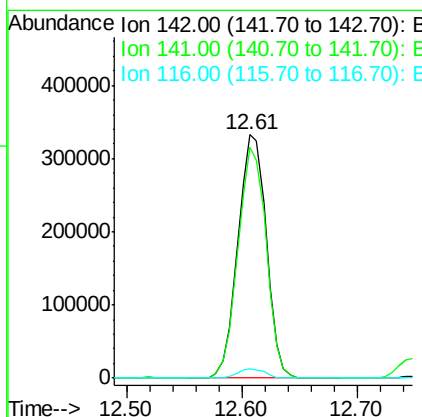
Manual Integrations
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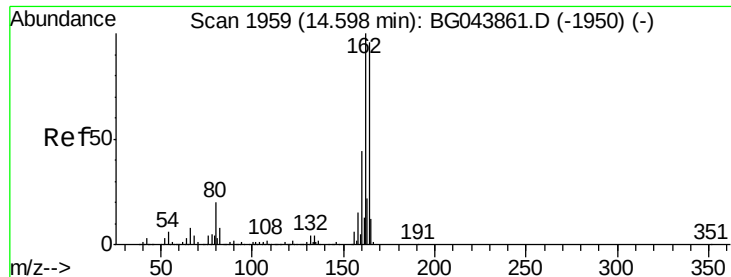
mohammad
1/24/2020 1:53:37 PM



#38
1-Methylnaphthalene
Concen: 44.722 ng
RT: 12.61 min Scan# 1620
Delta R.T. -0.03 min
Lab File: BG044168.D
Acq: 23 Jan 2020 15:39

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.8	76.0	114.0
116	3.9	3.1	4.7





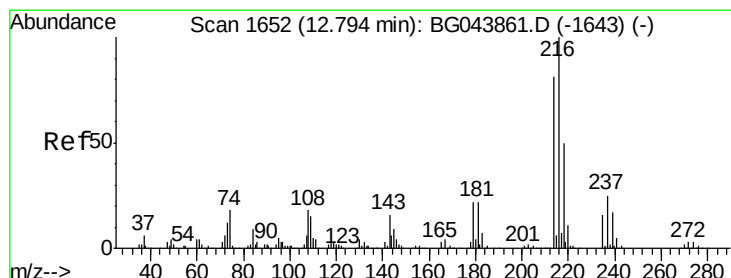
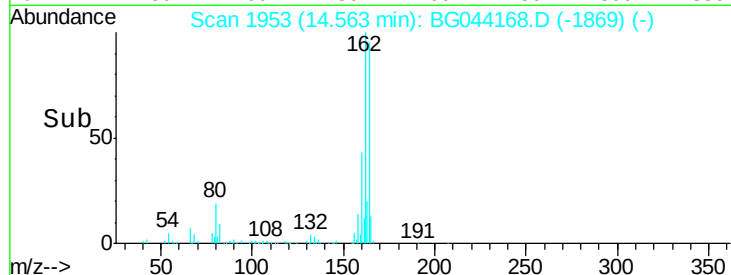
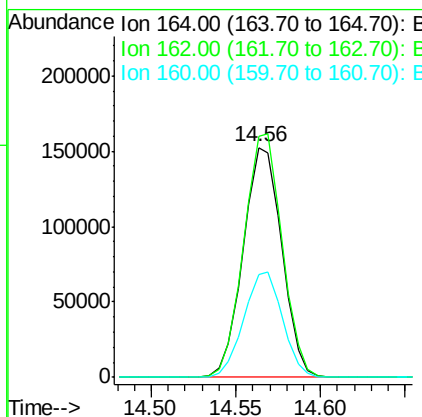
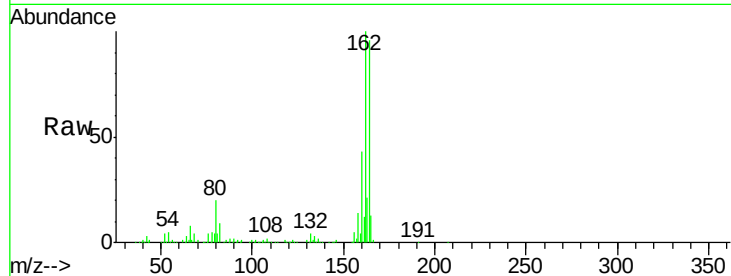
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.56 min Scan# 1953
Delta R.T. -0.03 min
Lab File: BG044168.D
Acq: 23 Jan 2020 15:39

Instrument :
BNA_G
ClientSampleId :
STOCK-PILE-AMS

Tot Ion	Ratio	Resp	Lower	Upper
164	100	242950		
162	104.7	83.0	124.4	
160	44.7	36.1	54.1	

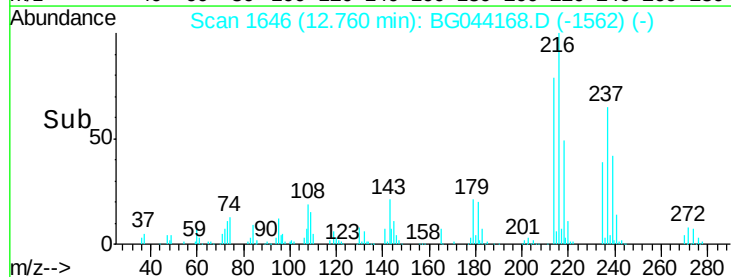
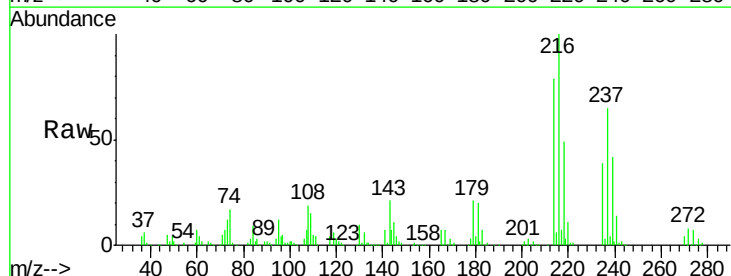
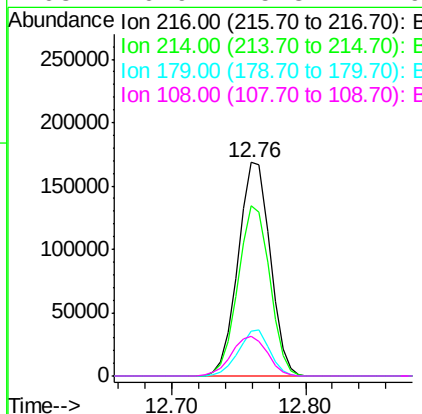
Manual Integrations
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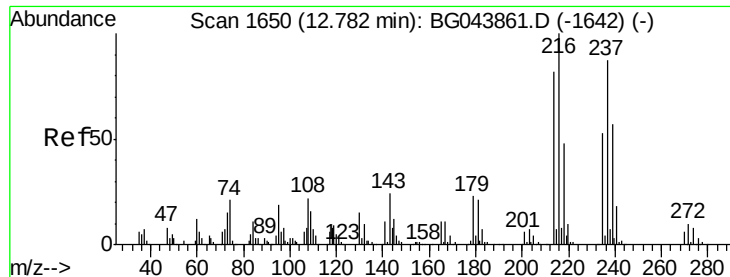
mohammad
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.399 ng
RT: 12.76 min Scan# 1646
Delta R.T. -0.03 min
Lab File: BG044168.D
Acq: 23 Jan 2020 15:39

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	280556		
214	78.9	63.8	95.8	
179	20.9	17.3	25.9	
108	20.9	15.3	22.9	





#41

Hexachlorocyclopentadiene

Concen: 94.313 ng

RT: 12.75 min Scan# 1644

Delta R.T. -0.03 min

Lab File: BG044168.D

Acq: 23 Jan 2020 15:39

Instrument :

BNA_G

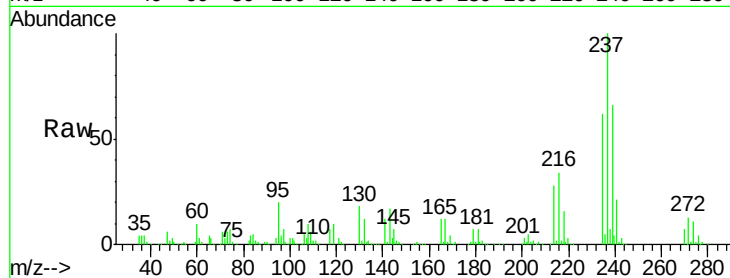
ClientSampleId :

STOCK-PILE-AMS

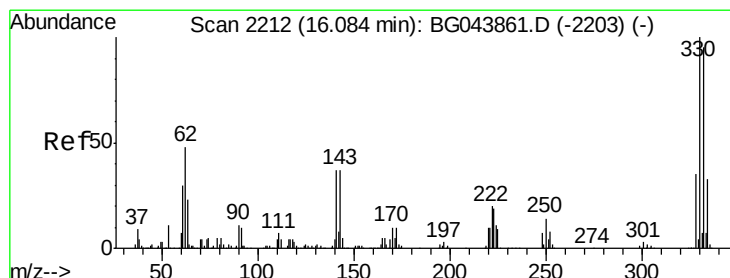
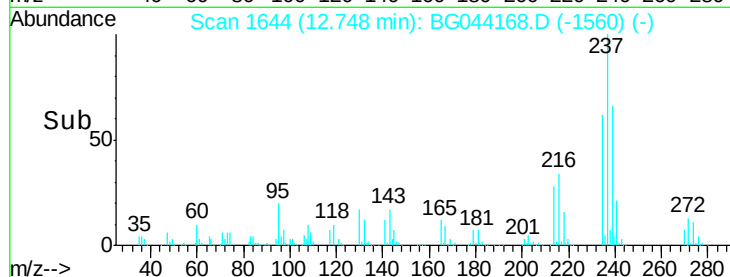
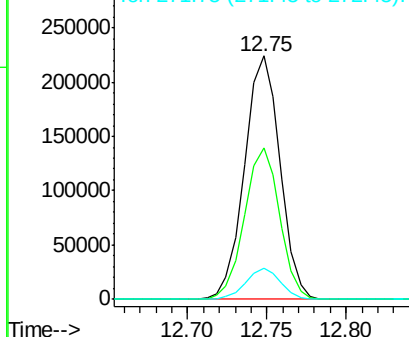
Tot Ion:	237	Resp:	348179
Ion Ratio	Lower	Upper	
237	100		
235	62.0	41.1	81.1
272	12.7	0.0	31.7

Manual Integrations
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Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 123.112 ng

RT: 16.06 min Scan# 2207

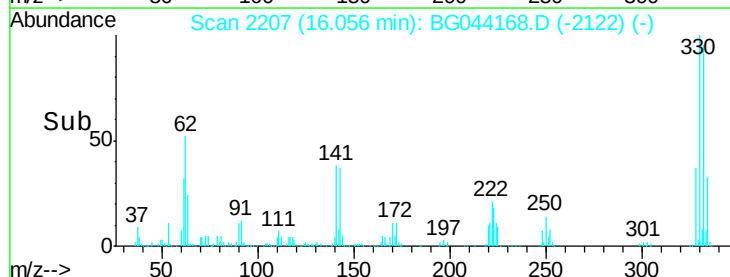
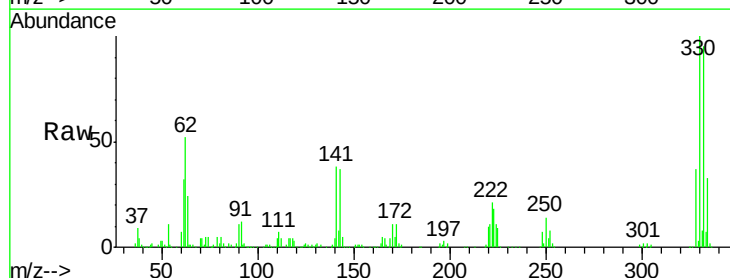
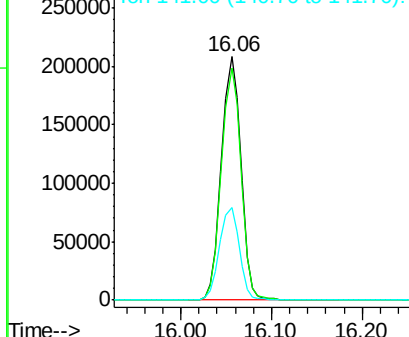
Delta R.T. -0.03 min

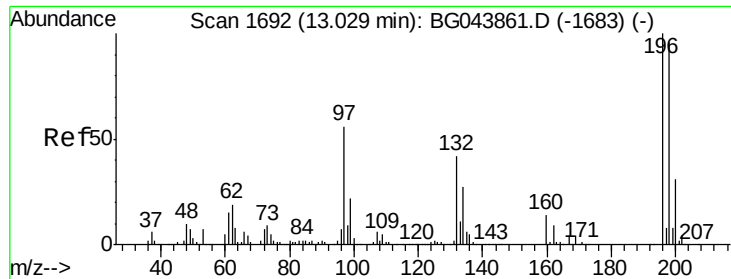
Lab File: BG044168.D

Acq: 23 Jan 2020 15:39

Tgt Ion:	330	Resp:	313002
Ion Ratio	Lower	Upper	
330	100		
332	95.4	77.2	115.8
141	38.6	33.1	49.7

Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





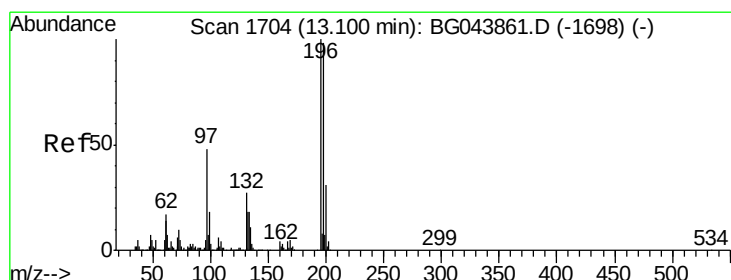
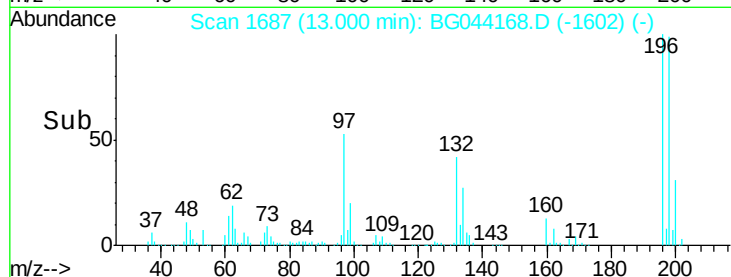
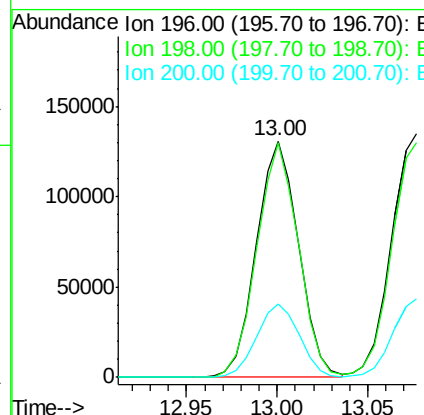
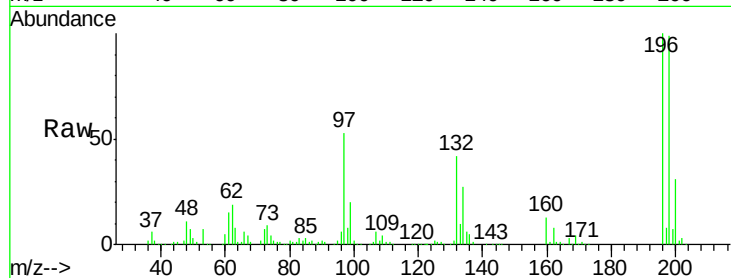
#43
 2,4,6-Trichlorophenol
 Concen: 43.007 ng
 RT: 13.00 min Scan# 1687
 Delta R.T. -0.03 min
 Lab File: BG044168.D
 Acq: 23 Jan 2020 15:39

Instrument :
 BNA_G
 ClientSampleId :
 STOCK-PILE-AMS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	210722		
198	99.5	76.6	115.0	
200	31.2	24.6	37.0	

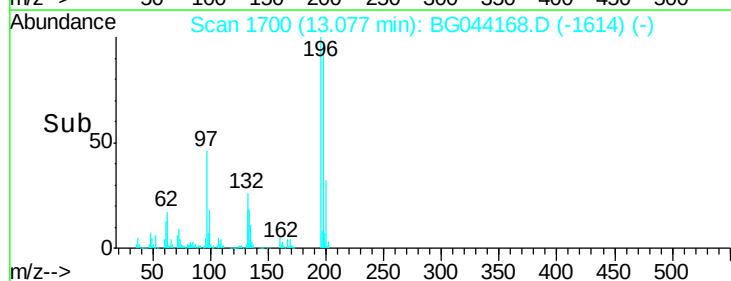
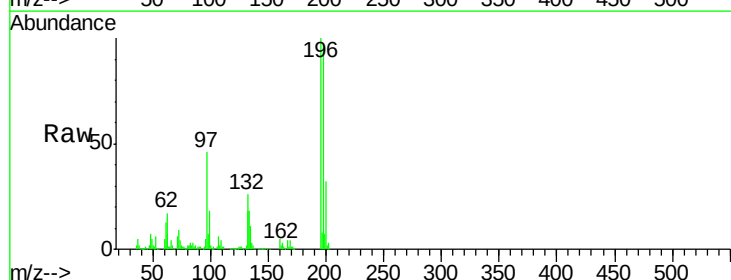
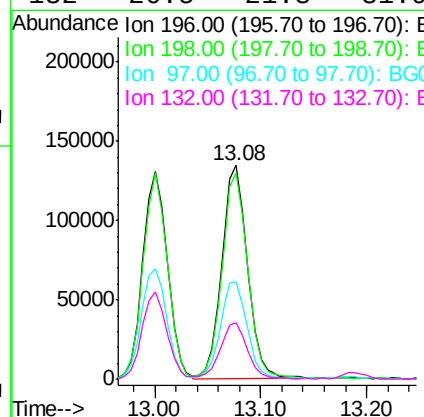
Manual Integrations
 APPROVED

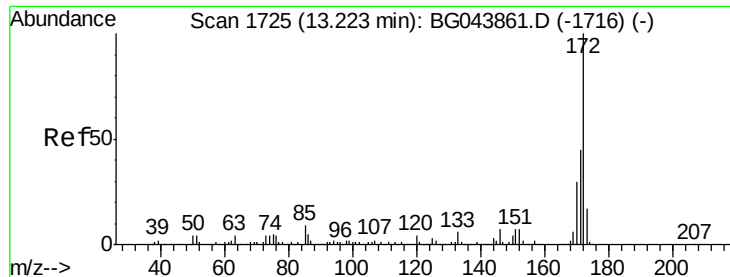
mohammad
 1/24/2020 1:53:37 PM



#44
 2,4,5-Trichlorophenol
 Concen: 45.217 ng
 RT: 13.08 min Scan# 1700
 Delta R.T. -0.02 min
 Lab File: BG044168.D
 Acq: 23 Jan 2020 15:39

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	228503		
198	96.6	78.3	117.5	
97	45.7	38.8	58.2	
132	26.5	21.3	31.9	





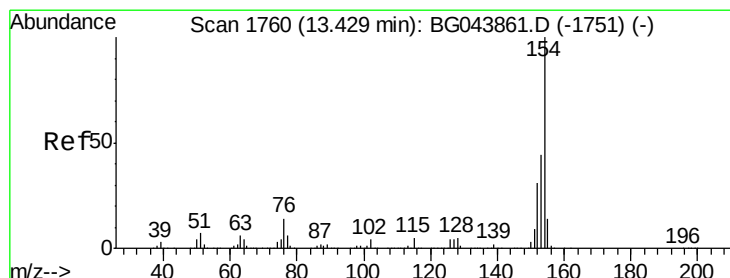
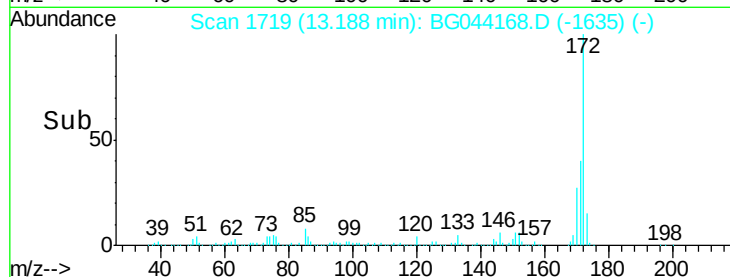
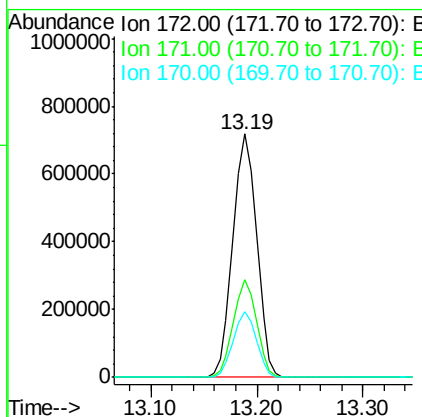
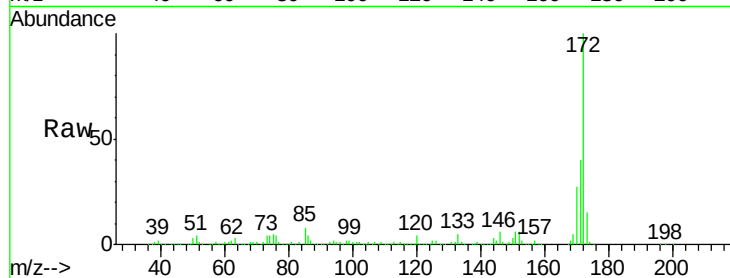
#45
2-Fluorobiphenyl
Concen: 83.572 ng
RT: 13.19 min Scan# 1719
Delta R.T. -0.03 min
Lab File: BG044168.D
Acq: 23 Jan 2020 15:39

Instrument :
BNA_G
ClientSampleId :
STOCK-PILE-AMS

Tot Ion	Ratio	Lower	Upper
172	100		
171	40.0	35.8	53.8
170	27.2	24.2	36.4

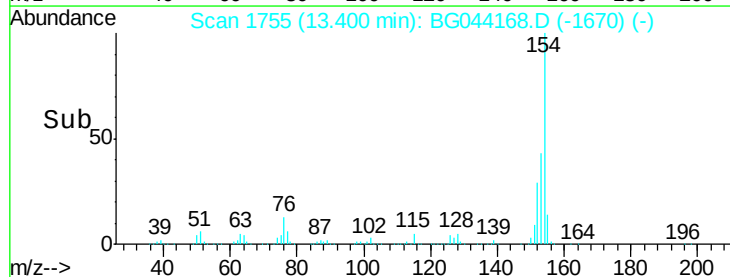
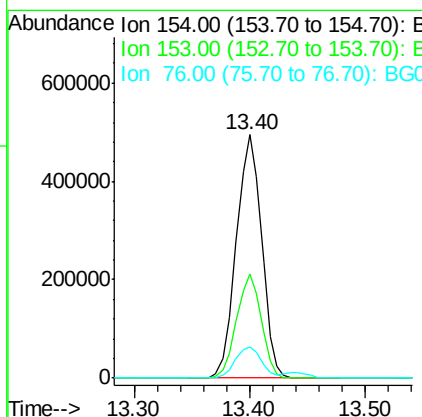
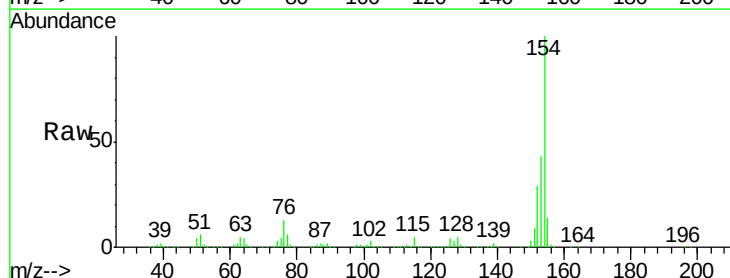
Manual Integrations
APPROVED

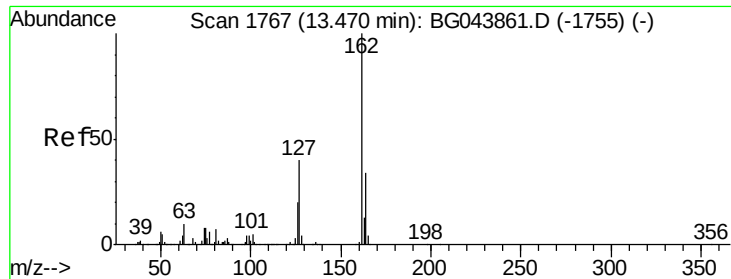
mohammad
1/24/2020 1:53:37 PM



#46
1,1'-Biphenyl
Concen: 43.024 ng
RT: 13.40 min Scan# 1755
Delta R.T. -0.03 min
Lab File: BG044168.D
Acq: 23 Jan 2020 15:39

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.6	23.6	63.6
76	13.0	0.0	34.4





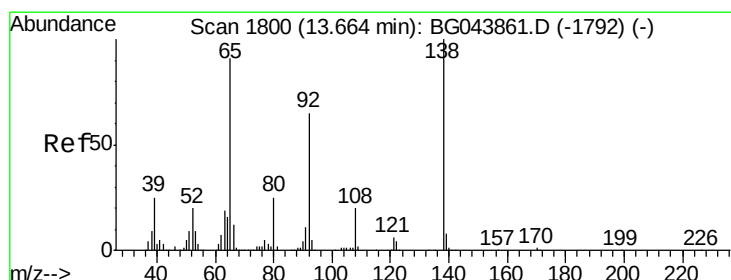
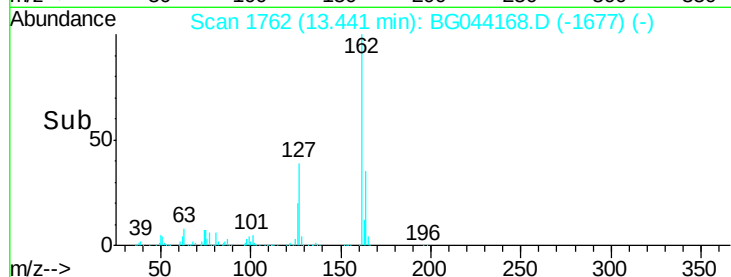
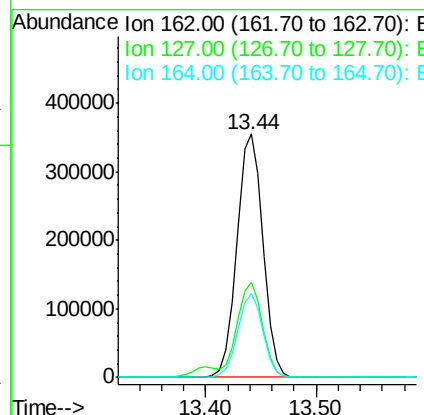
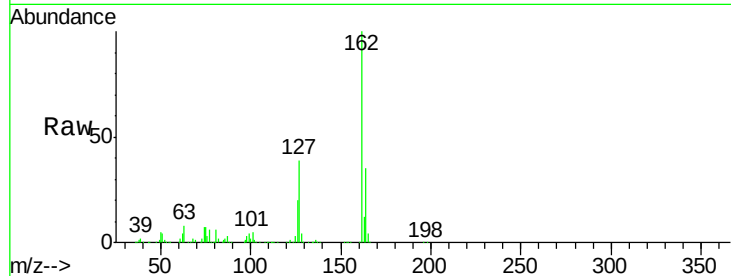
#47
2-Chloronaphthalene
Concen: 41.577 ng
RT: 13.44 min Scan# 1762
Delta R.T. -0.03 min
Lab File: BG044168.D
Acq: 23 Jan 2020 15:39

Instrument :
BNA_G
ClientSampleId :
STOCK-PILE-AMS

Tot Ion	Ratio	Resp Lower	Upper
162	100		
127	39.0	32.1	48.1
164	34.6	27.5	41.3

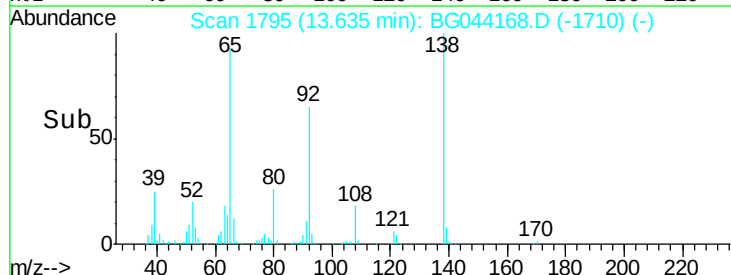
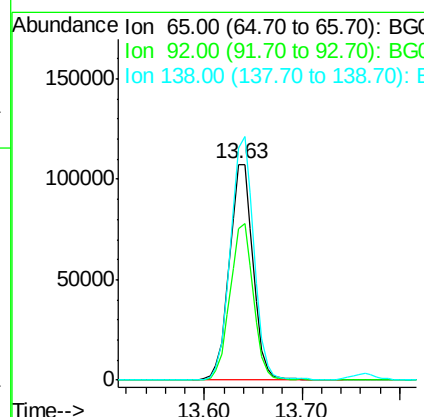
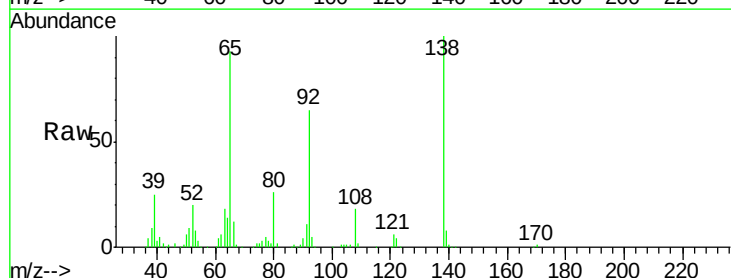
Manual Integrations
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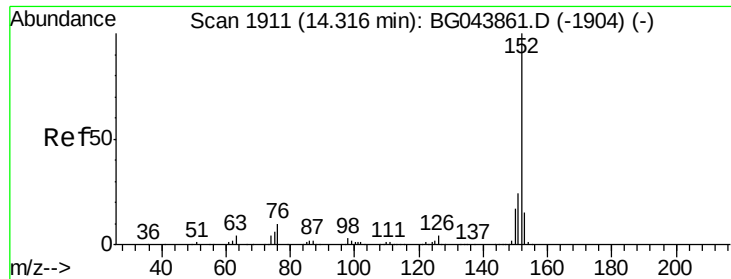
mohammad
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#48
2-Nitroaniline
Concen: 40.000 ng
RT: 13.63 min Scan# 1795
Delta R.T. -0.03 min
Lab File: BG044168.D
Acq: 23 Jan 2020 15:39

Tgt Ion	Ratio	Resp Lower	Upper
65	100		
92	70.0	57.4	86.2
138	107.7	88.2	132.4





#49

Acenaphthylene

Concen: 45.857 ng

RT: 14.29 min Scan# 1906

Delta R.T. -0.03 min

Lab File: BG044168.D

Acq: 23 Jan 2020 15:39

Instrument :

BNA_G

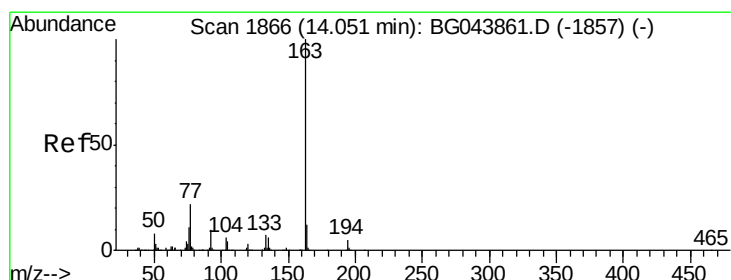
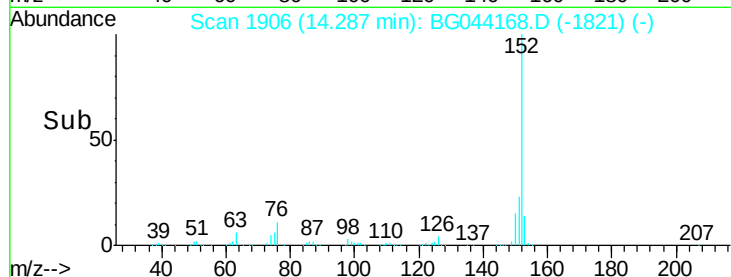
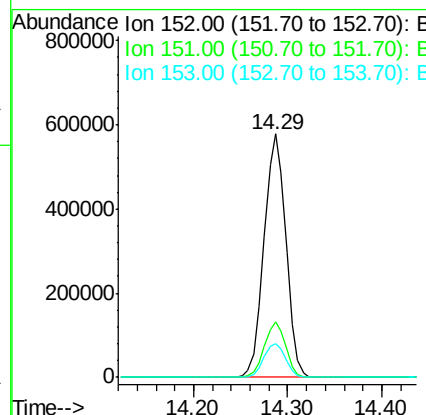
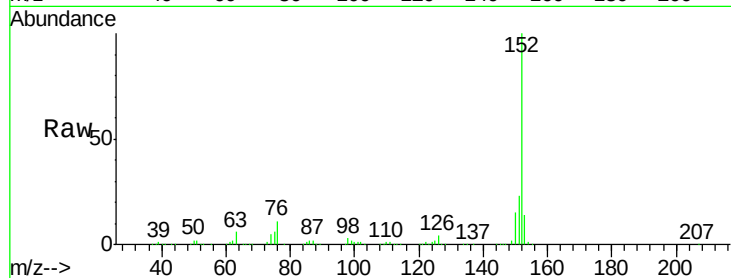
ClientSampleId :

STOCK-PILE-AMS

Tot Ion:	152	Resp:	927728
Ion Ratio	Lower	Upper	
152	100		
151	22.8	19.4	29.2
153	13.9	12.0	18.0

Manual Integrations
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#50

Dimethylphthalate

Concen: 51.548 ng

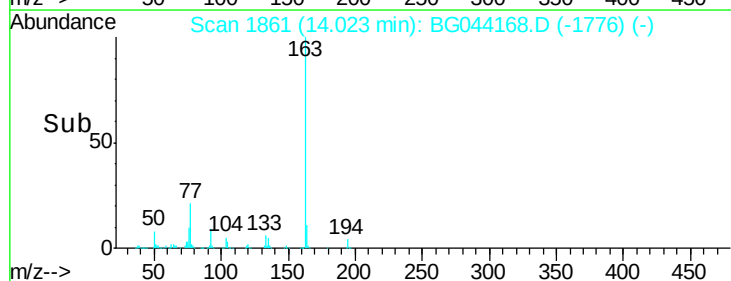
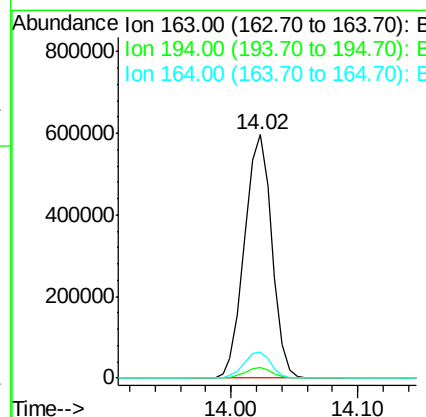
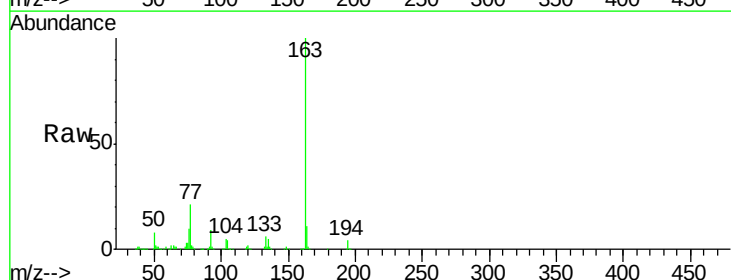
RT: 14.02 min Scan# 1861

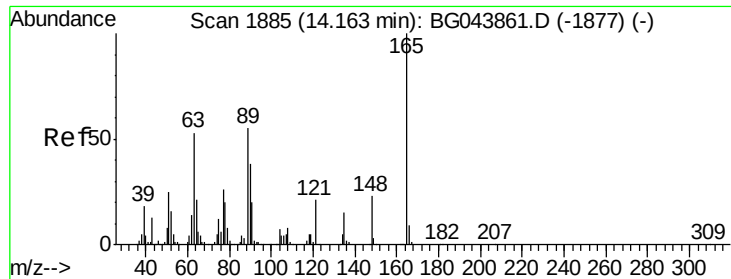
Delta R.T. -0.03 min

Lab File: BG044168.D

Acq: 23 Jan 2020 15:39

Tgt Ion:	163	Resp:	889224
Ion Ratio	Lower	Upper	
163	100		
194	4.2	3.7	5.5
164	10.8	9.3	13.9





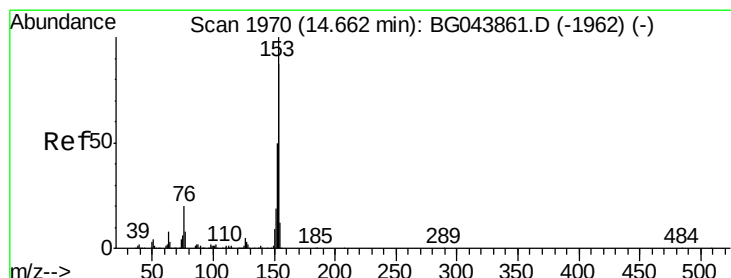
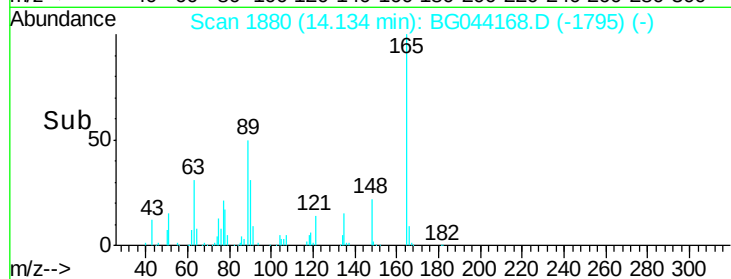
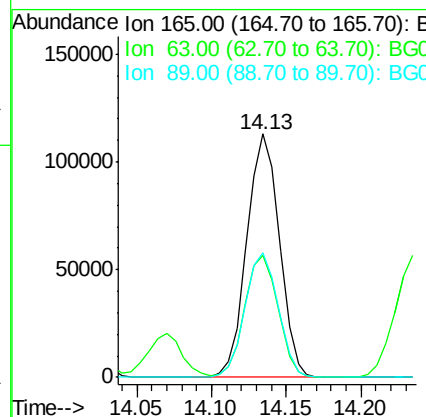
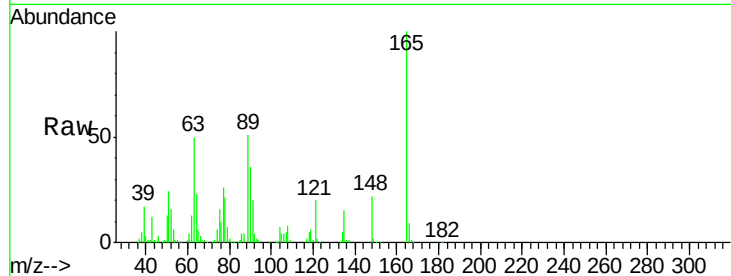
#51
 2,6-Dinitrotoluene
 Concen: 43.688 ng
 RT: 14.13 min Scan# 1880
 Delta R.T. -0.03 min
 Lab File: BG044168.D
 Acq: 23 Jan 2020 15:39

Instrument :
 BNA_G
 ClientSampleId :
 STOCK-PILE-AMS

Tot Ion	Ratio	Resp Lower	Upper
165	100		
63	50.0	43.1	64.7
89	51.3	43.8	65.6

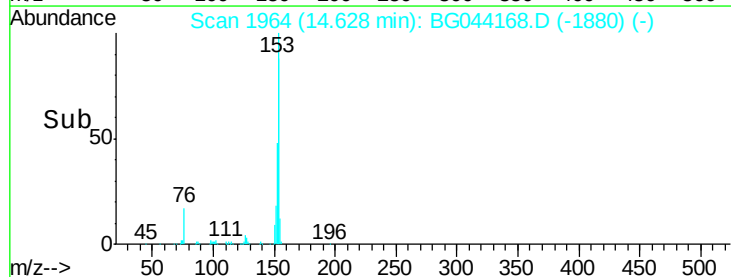
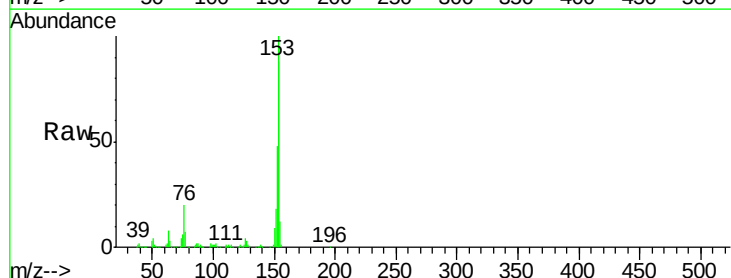
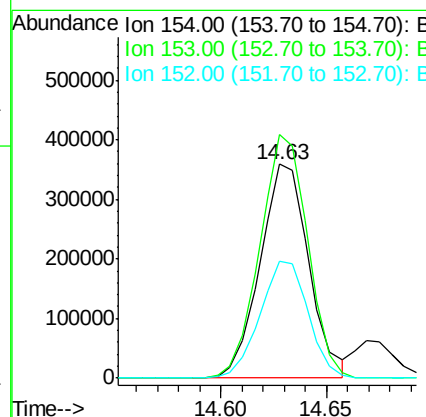
Manual Integrations
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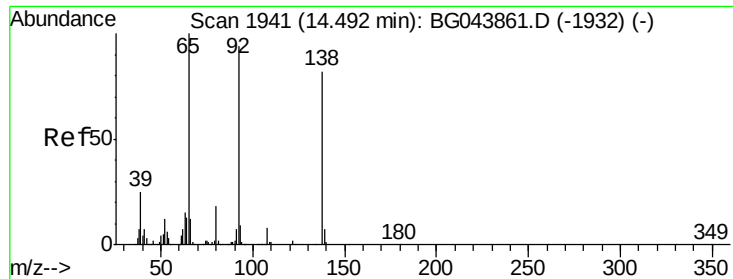
mohammad
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#52
 Acenaphthene
 Concen: 40.444 ng
 RT: 14.63 min Scan# 1964
 Delta R.T. -0.03 min
 Lab File: BG044168.D
 Acq: 23 Jan 2020 15:39

Tgt Ion	Ratio	Resp Lower	Upper
154	100		
153	114.0	91.6	137.4
152	54.5	45.4	68.0





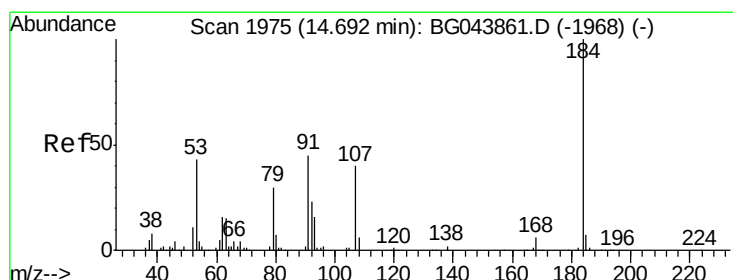
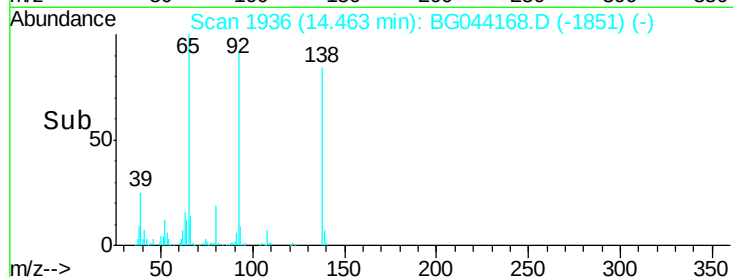
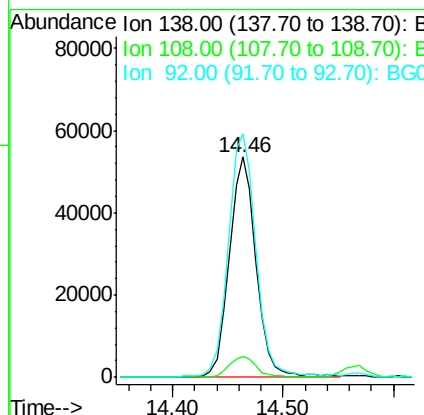
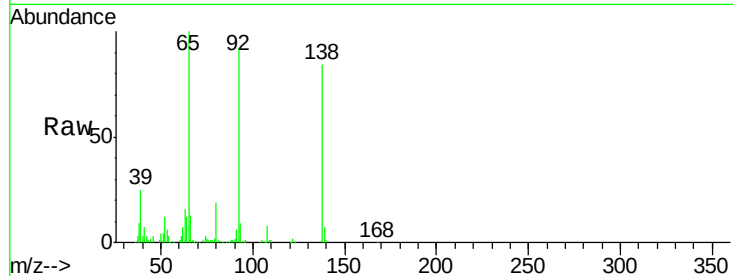
#53
3-Nitroaniline
Concen: 20.629 ng
RT: 14.46 min Scan# 1936
Delta R.T. -0.03 min
Lab File: BG044168.D
Acq: 23 Jan 2020 15:39

Instrument :
BNA_G
ClientSampleId :
STOCK-PILE-AMS

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.3	7.4	11.2
92	110.4	92.1	138.1

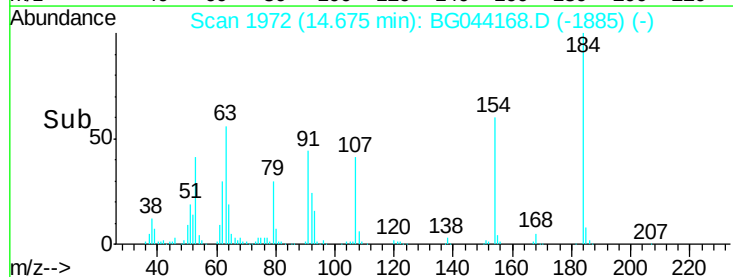
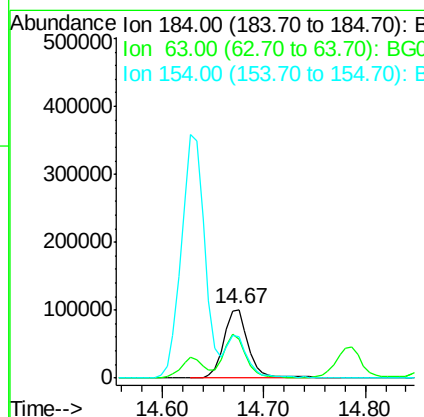
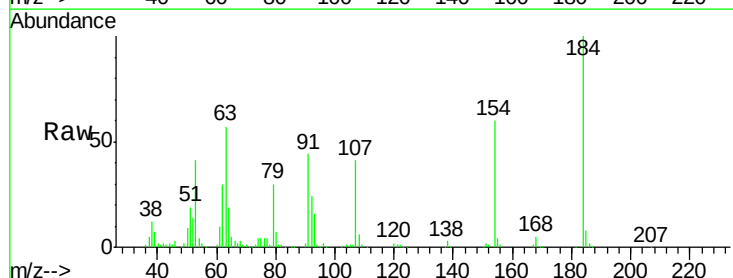
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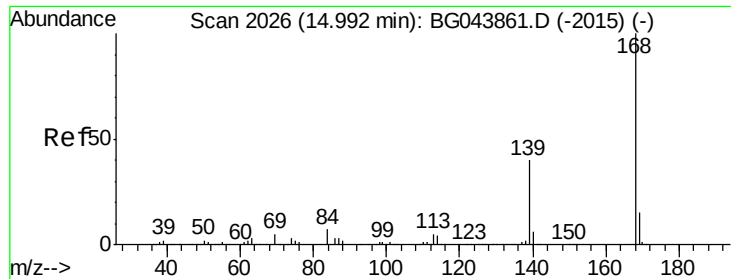
mohammad
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#54
2,4-Dinitrophenol
Concen: 86.433 ng
RT: 14.67 min Scan# 1972
Delta R.T. -0.02 min
Lab File: BG044168.D
Acq: 23 Jan 2020 15:39

Tgt Ion	Ratio	Lower	Upper
184	100		
63	57.1	46.6	70.0
154	60.3	50.2	75.4





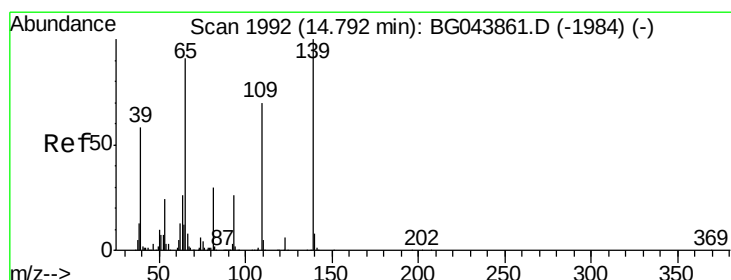
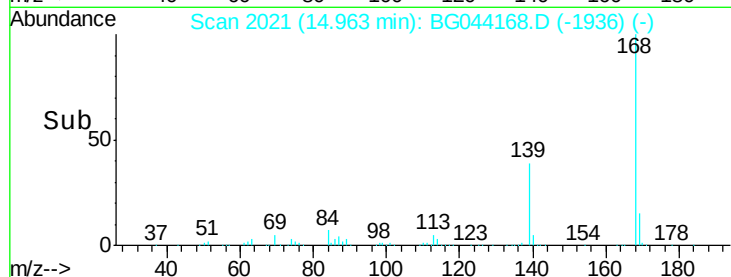
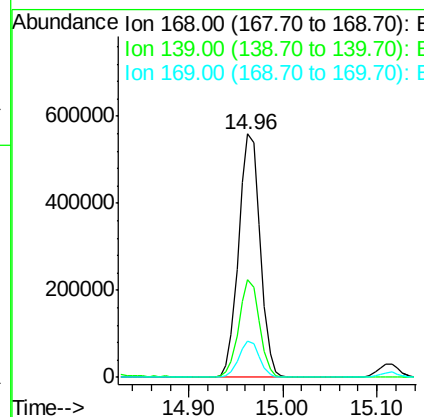
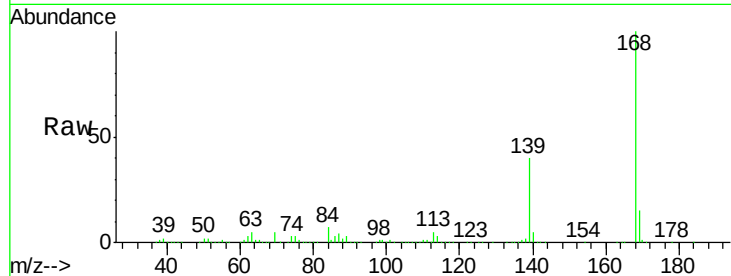
#55
Dibenzenofuran
Concen: 45.448 ng
RT: 14.96 min Scan# 2021
Delta R.T. -0.03 min
Lab File: BG044168.D
Acq: 23 Jan 2020 15:39

Instrument :
BNA_G
ClientSampleId :
STOCK-PILE-AMS

Tot Ion	Ratio	Lower	Upper
168	100		
139	39.9	32.2	48.2
169	14.7	12.2	18.2

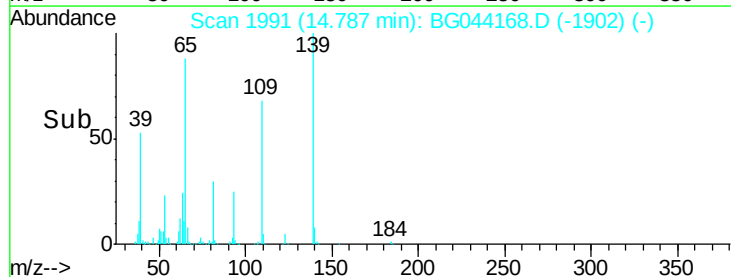
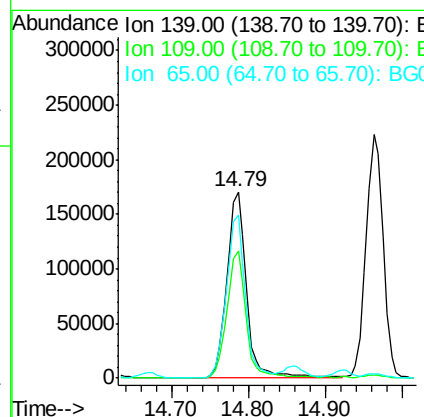
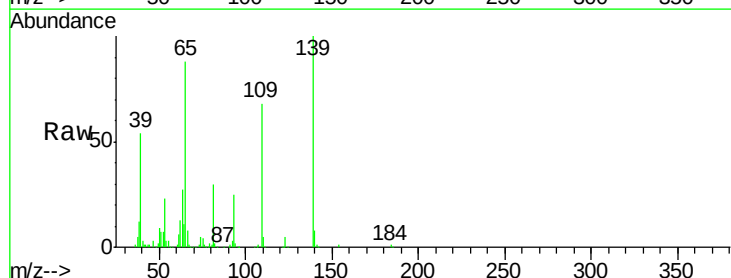
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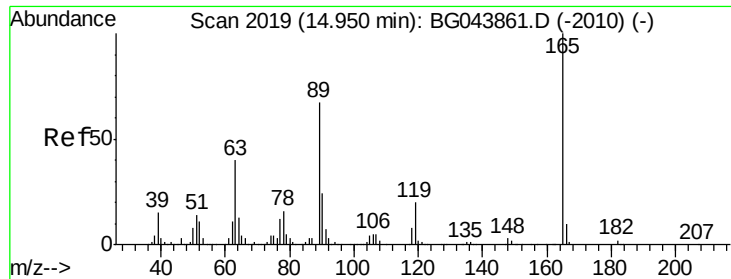
mohammad
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#56
4-Nitrophenol
Concen: 89.631 ng
RT: 14.79 min Scan# 1991
Delta R.T. -0.01 min
Lab File: BG044168.D
Acq: 23 Jan 2020 15:39

Tgt Ion	Ratio	Lower	Upper
139	100		
109	67.9	50.4	90.4
65	87.7	71.4	111.4





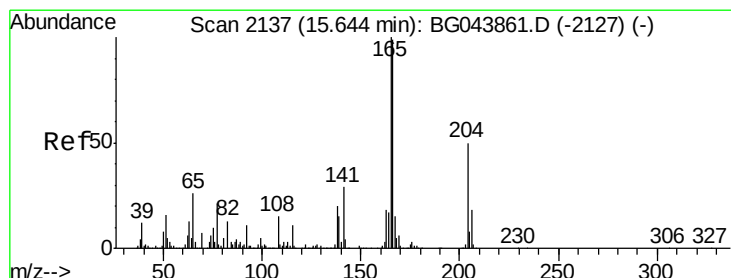
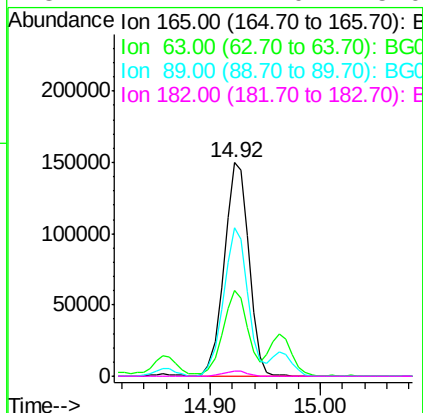
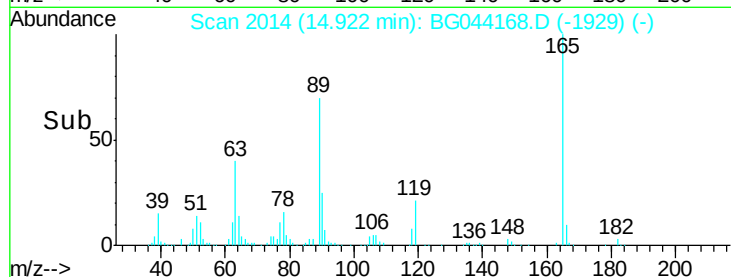
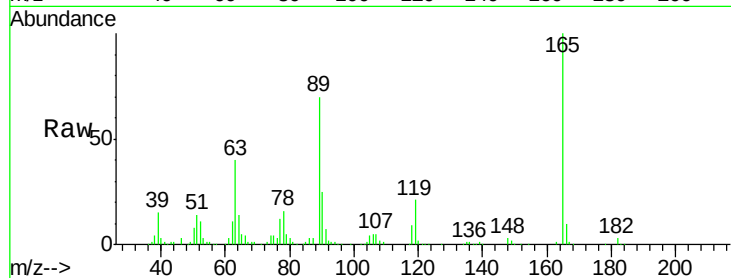
#57
2,4-Dinitrotoluene
Concen: 44.267 ng
RT: 14.92 min Scan# 2014
Delta R.T. -0.03 min
Lab File: BG044168.D
Acq: 23 Jan 2020 15:39

Instrument :
BNA_G
ClientSampleId :
STOCK-PILE-AMS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	234851		
63	40.3	31.9	47.9	
89	69.6	53.8	80.6	
182	2.7	2.0	3.0	

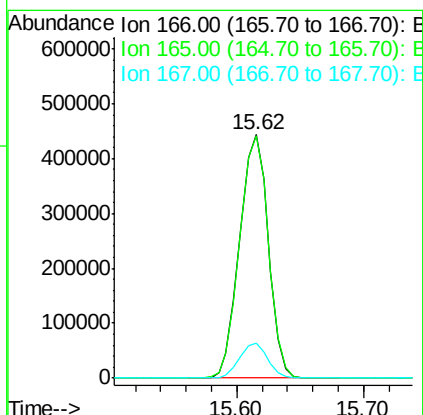
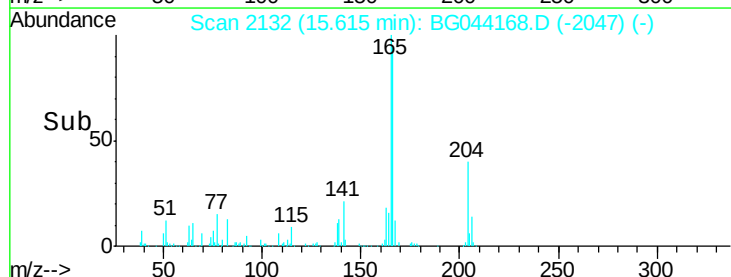
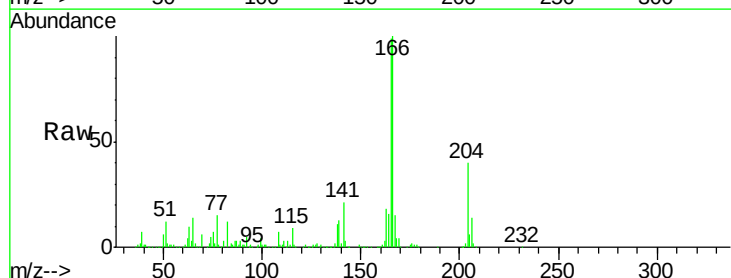
Manual Integrations
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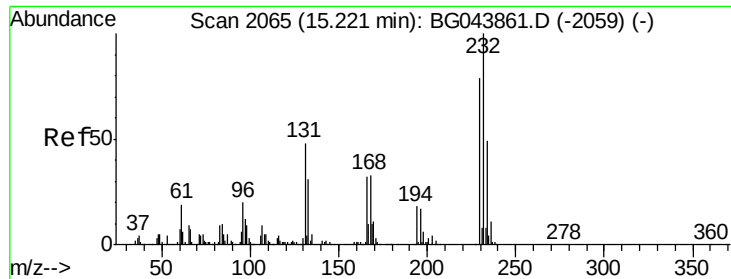
mohammad
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#58
Fluorene
Concen: 44.909 ng
RT: 15.62 min Scan# 2132
Delta R.T. -0.03 min
Lab File: BG044168.D
Acq: 23 Jan 2020 15:39

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	695211		
165	99.4	80.8	121.2	
167	14.5	12.1	18.1	





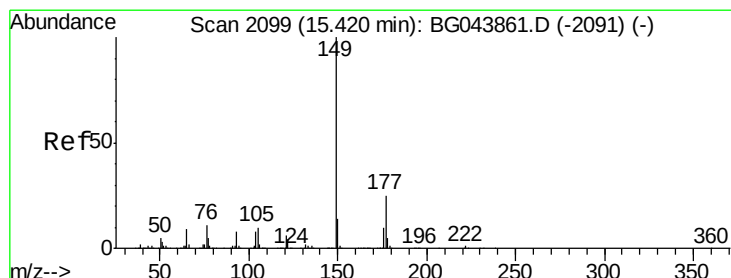
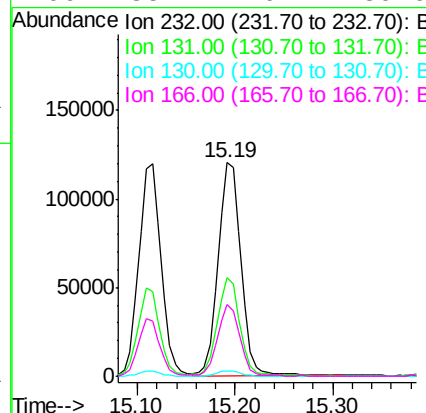
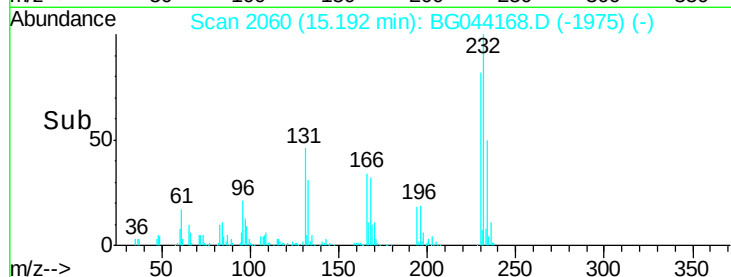
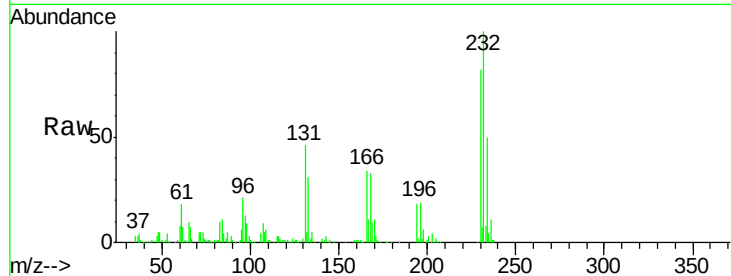
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 44.796 ng
 RT: 15.19 min Scan# 2060
 Delta R.T. -0.03 min
 Lab File: BG044168.D
 Acq: 23 Jan 2020 15:39

Instrument :
 BNA_G
 ClientSampleId :
 STOCK-PILE-AMS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	194660		
131	45.6	38.2	57.2	
130	2.6	2.2	3.2	
166	33.1	26.4	39.6	

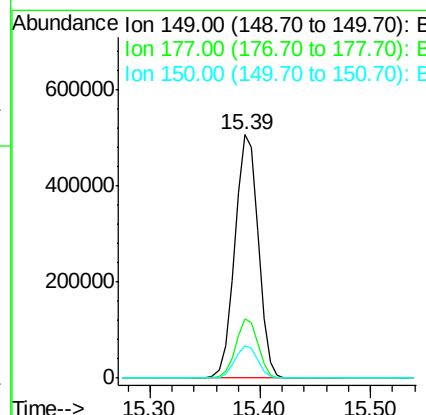
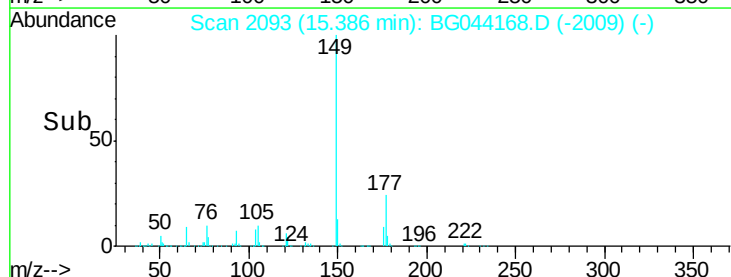
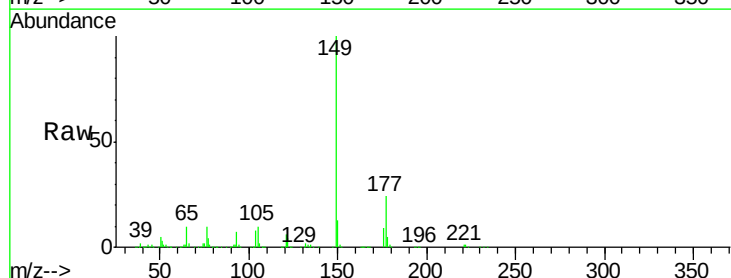
Manual Integrations
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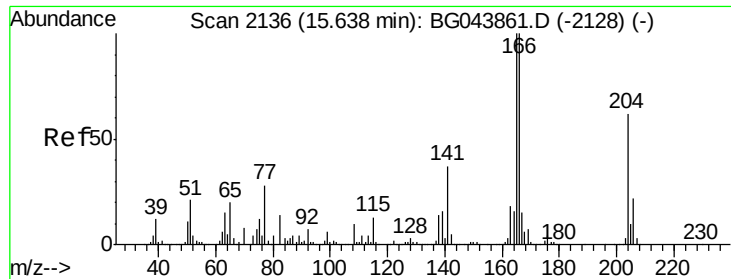
mohammad
 1/24/2020 1:53:37 PM



#60
 Diethylphthalate
 Concen: 43.655 ng
 RT: 15.39 min Scan# 2093
 Delta R.T. -0.03 min
 Lab File: BG044168.D
 Acq: 23 Jan 2020 15:39

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	753217		
177	24.2	20.0	30.0	
150	13.2	11.1	16.7	





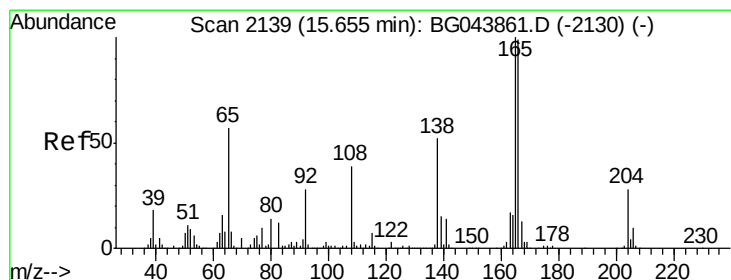
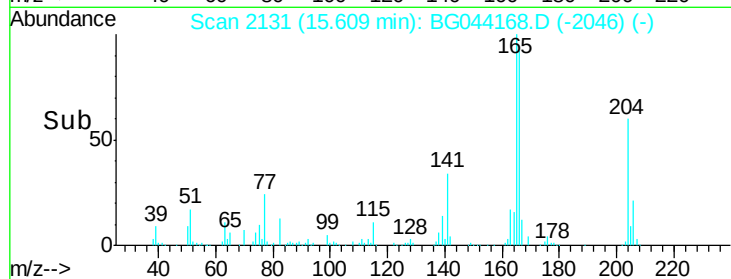
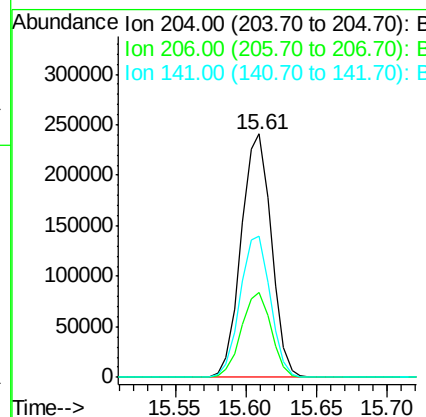
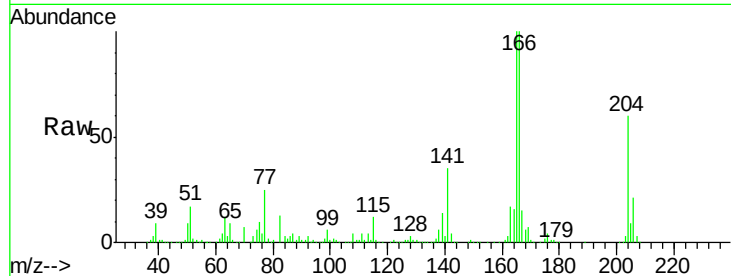
#61
 4-Chlorophenyl-phenylether
 Concen: 42.754 ng
 RT: 15.61 min Scan# 2131
 Delta R.T. -0.03 min
 Lab File: BG044168.D
 Acq: 23 Jan 2020 15:39

Instrument :
 BNA_G
 ClientSampleId :
 STOCK-PILE-AMS

Tot Ion	Ratio	Lower	Upper
204	100		
206	34.9	28.2	42.2
141	58.1	48.2	72.2

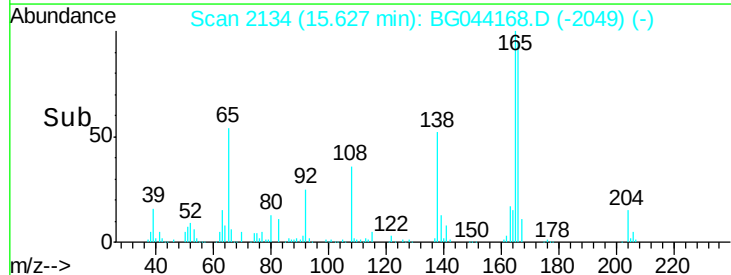
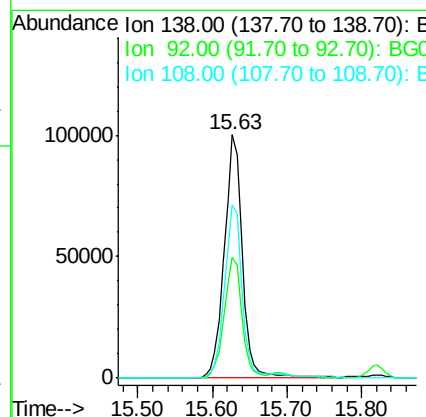
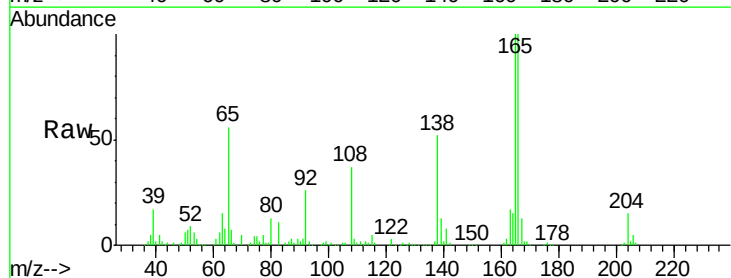
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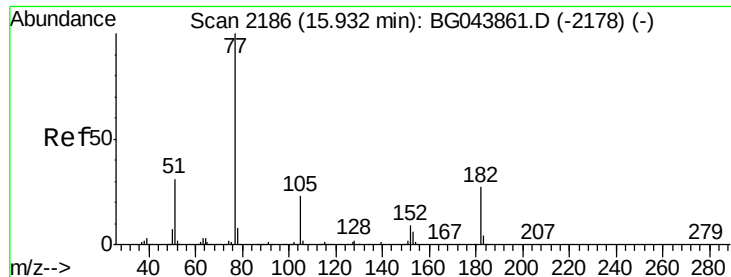
mohammad
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#62
 4-Nitroaniline
 Concen: 38.956 ng
 RT: 15.63 min Scan# 2134
 Delta R.T. -0.03 min
 Lab File: BG044168.D
 Acq: 23 Jan 2020 15:39

Tgt Ion	Ratio	Lower	Upper
138	100		
92	49.4	34.3	74.3
108	71.3	55.0	95.0





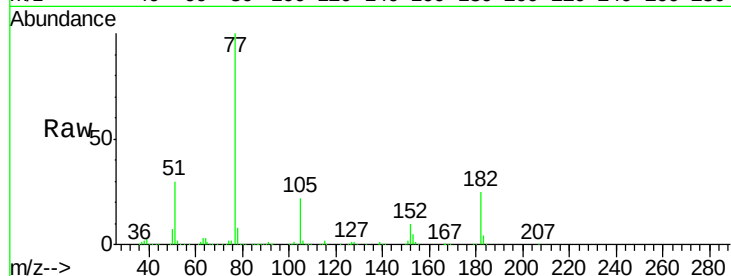
#63
Azobenzene
Concen: 44.188 ng
RT: 15.90 min Scan# 2180
Delta R.T. -0.03 min
Lab File: BG044168.D
Acq: 23 Jan 2020 15:39

Instrument :
BNA_G
ClientSampleId :
STOCK-PILE-AMS

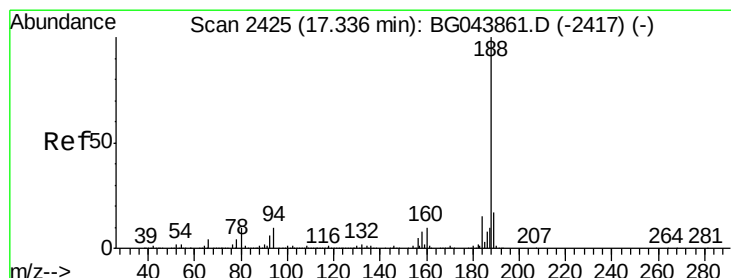
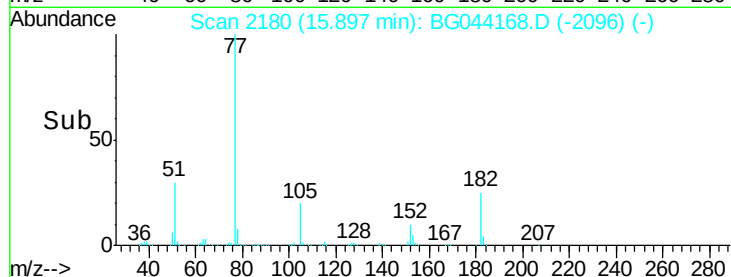
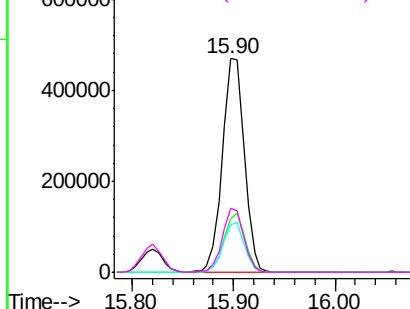
Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
182	25.1	7.3	47.3		
105	22.0	3.2	43.2		
51	29.7	10.6	50.6		

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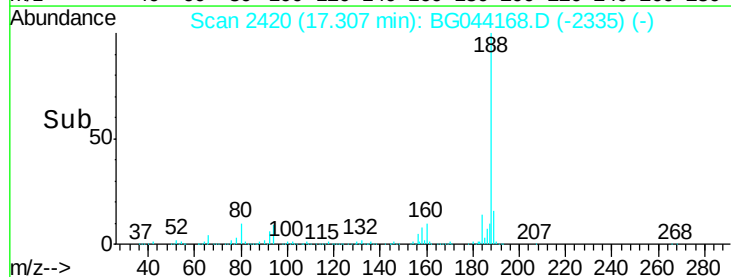
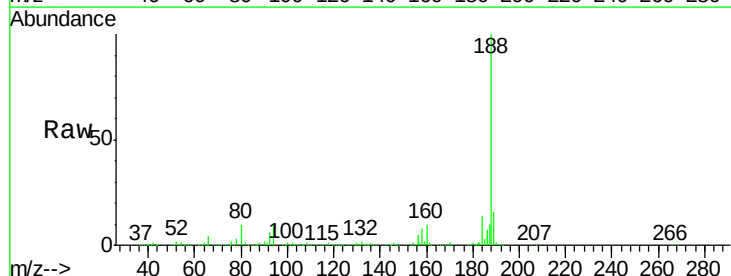
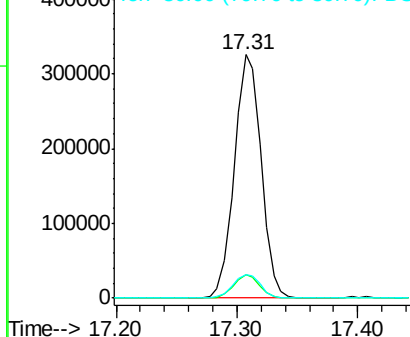
Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

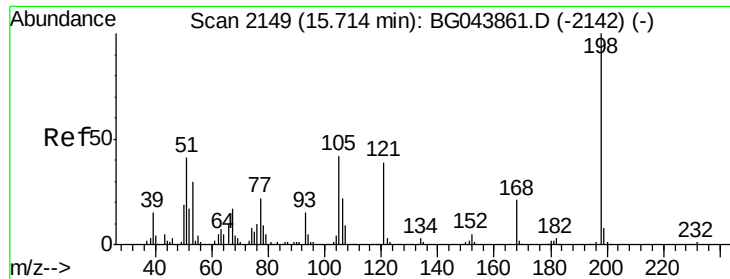


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.31 min Scan# 2420
Delta R.T. -0.03 min
Lab File: BG044168.D
Acq: 23 Jan 2020 15:39

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100				
94	9.4	7.9	11.9		
80	9.9	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





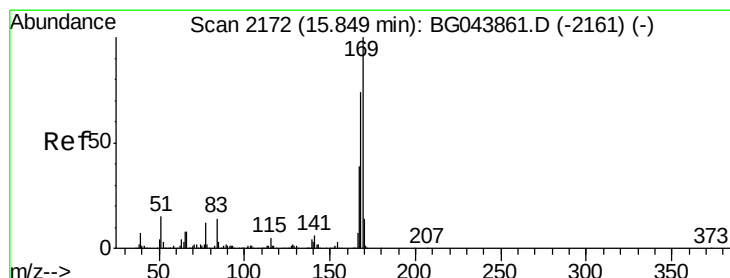
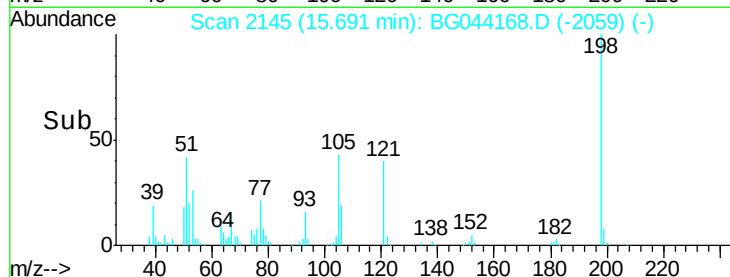
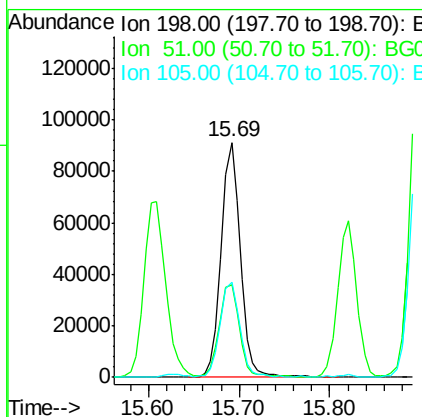
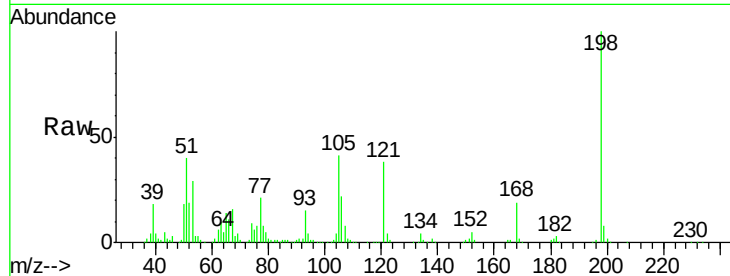
#65
 4,6-Dinitro-2-methylphenol
 Concen: 51.310 ng
 RT: 15.69 min Scan# 2145
 Delta R.T. -0.02 min
 Lab File: BG044168.D
 Acq: 23 Jan 2020 15:39

Instrument :
 BNA_G
 ClientSampleId :
 STOCK-PILE-AMS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	134105		
51	39.6		22.5	62.5
105	40.6		22.3	62.3

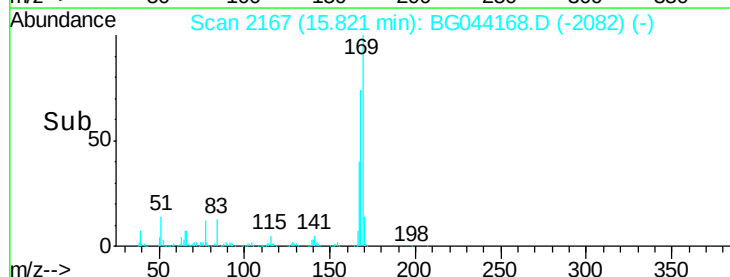
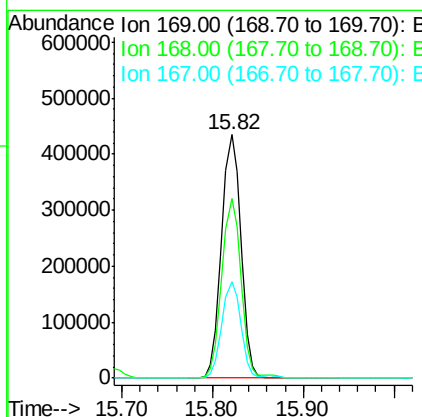
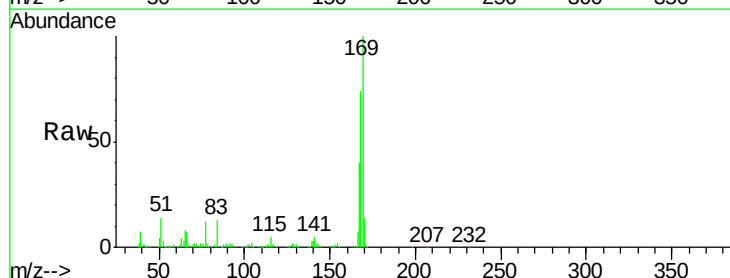
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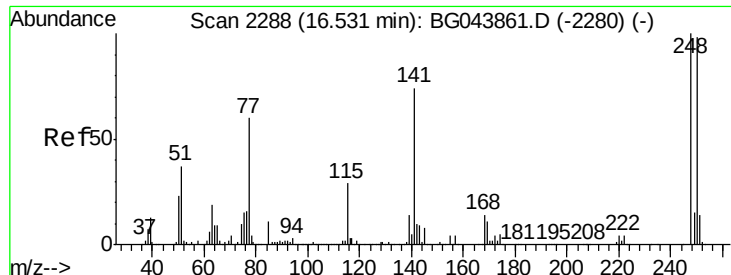
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#66
 n-Nitrosodiphenylamine
 Concen: 43.484 ng
 RT: 15.82 min Scan# 2167
 Delta R.T. -0.03 min
 Lab File: BG044168.D
 Acq: 23 Jan 2020 15:39

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	645398		
168	73.8		59.0	88.6
167	39.5		31.4	47.0





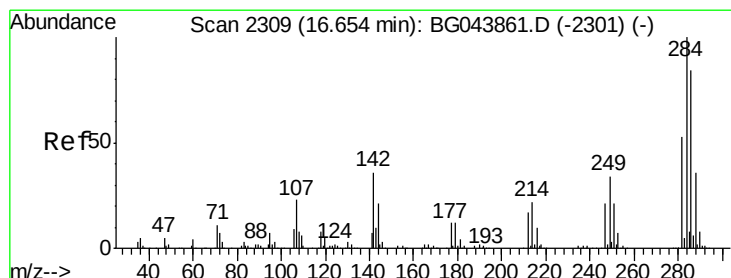
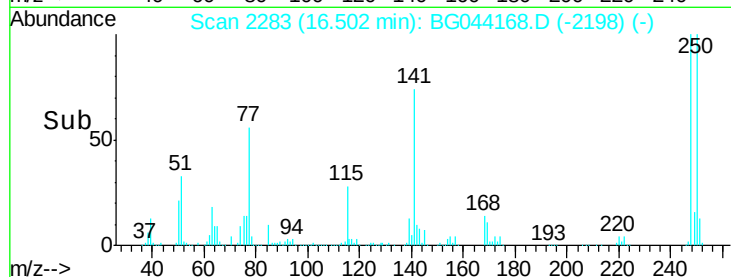
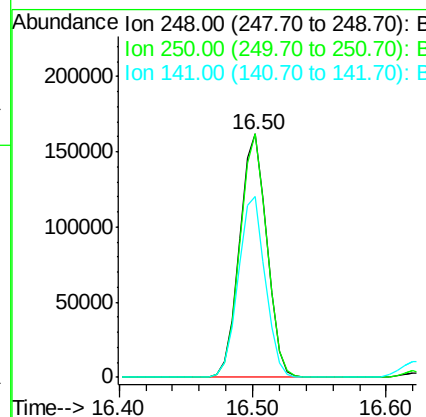
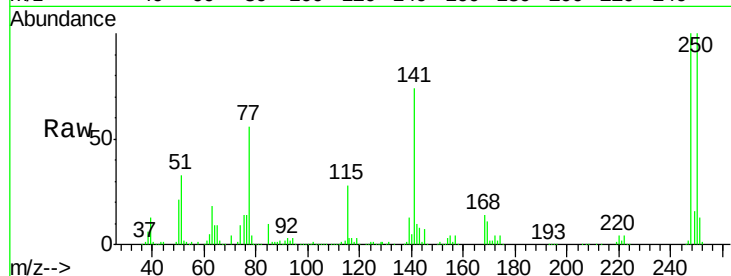
#67
4-Bromophenyl-phenylether
Concen: 40.496 ng
RT: 16.50 min Scan# 2283
Delta R.T. -0.03 min
Lab File: BG044168.D
Acq: 23 Jan 2020 15:39

Instrument :
BNA_G
ClientSampleId :
STOCK-PILE-AMS

Tot Ion	Ratio	Lower	Upper
248	100		
250	100.0	78.2	117.2
141	74.1	59.3	88.9

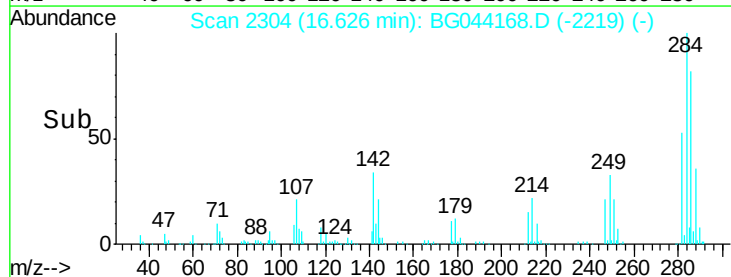
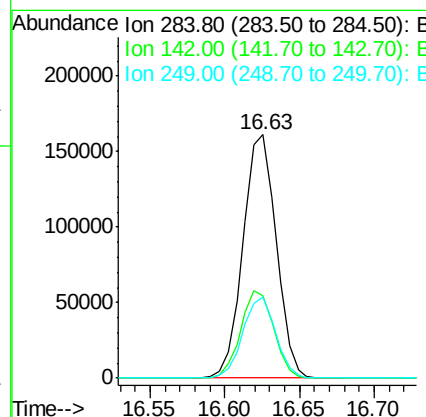
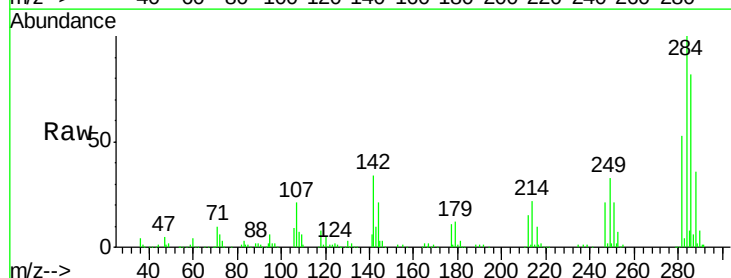
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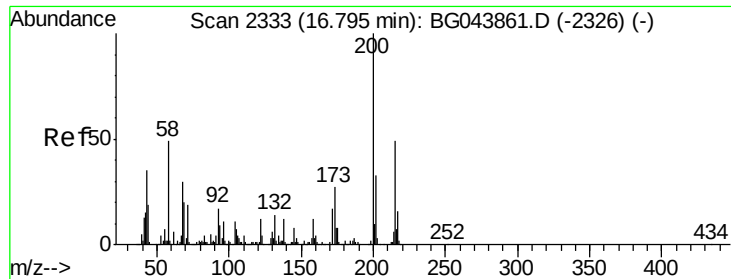
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#68
Hexachlorobenzene
Concen: 40.669 ng
RT: 16.63 min Scan# 2304
Delta R.T. -0.03 min
Lab File: BG044168.D
Acq: 23 Jan 2020 15:39

Tgt Ion	Ratio	Lower	Upper
284	100		
142	33.9	28.6	43.0
249	33.1	27.0	40.6





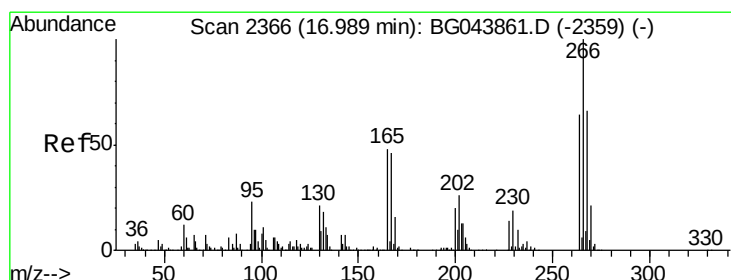
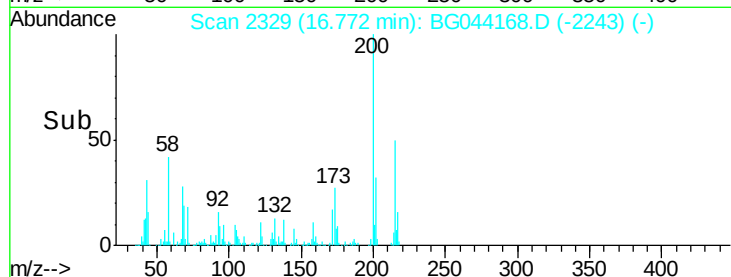
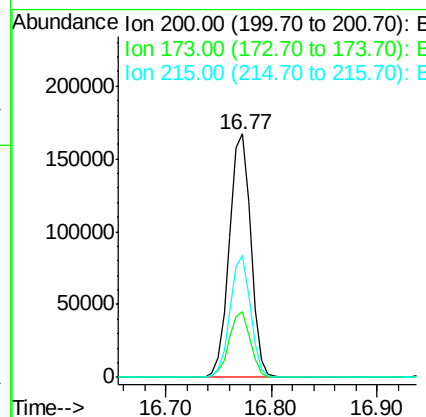
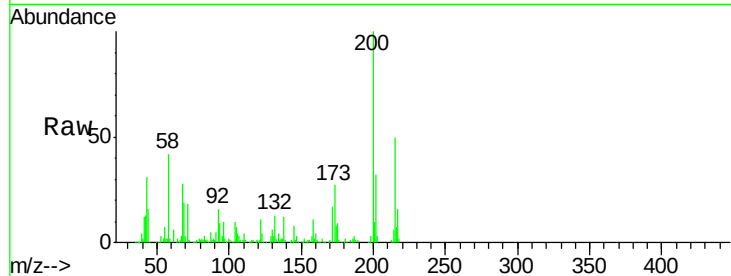
#69
Atrazine
Concen: 48.707 ng
RT: 16.77 min Scan# 2329
Delta R.T. -0.02 min
Lab File: BG044168.D
Acq: 23 Jan 2020 15:39

Instrument :
BNA_G
ClientSampleId :
STOCK-PILE-AMS

Tot Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	27.1	6.6	46.6
215	50.0	28.6	68.6

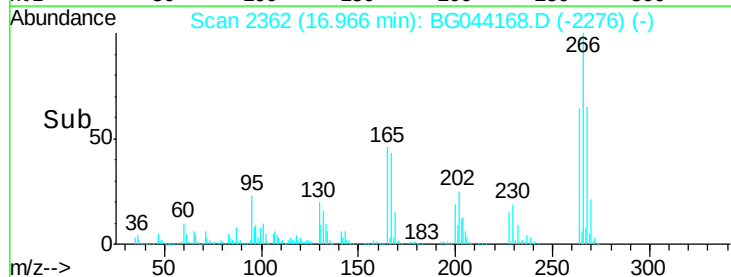
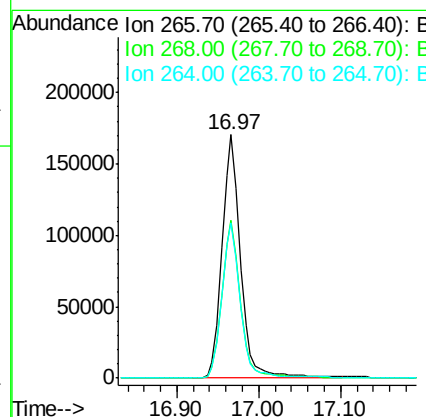
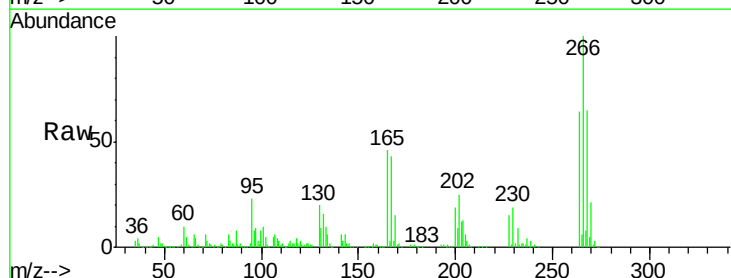
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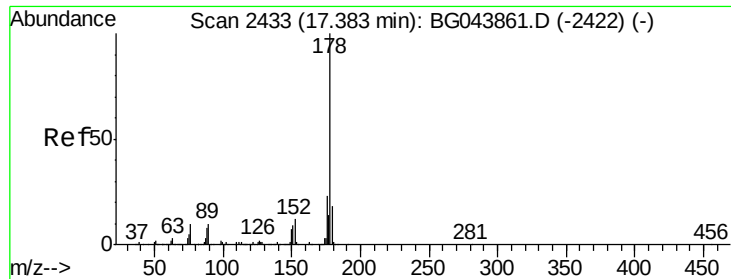
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#70
Pentachlorophenol
Concen: 80.434 ng
RT: 16.97 min Scan# 2362
Delta R.T. -0.02 min
Lab File: BG044168.D
Acq: 23 Jan 2020 15:39

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	65.0	52.6	79.0
264	63.6	50.8	76.2





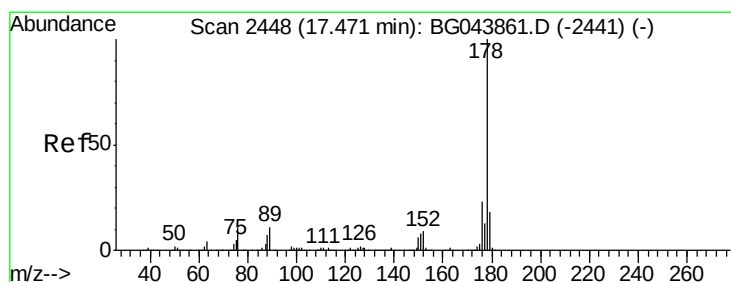
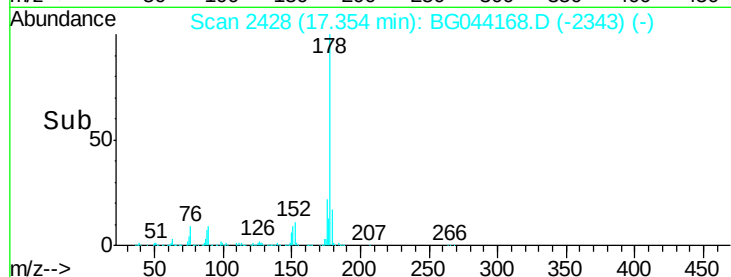
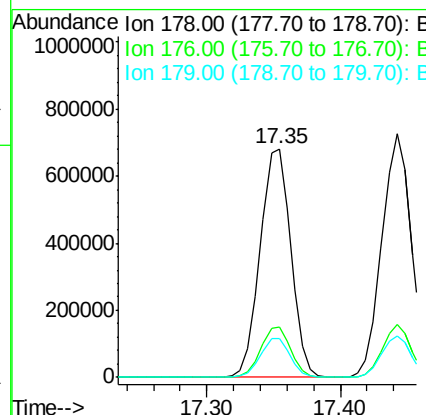
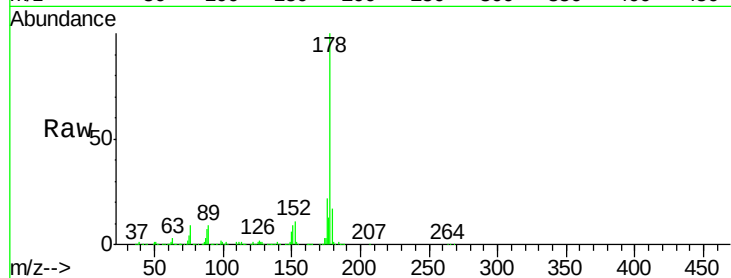
#71
Phenanthrene
Concen: 44.739 ng
RT: 17.35 min Scan# 2428
Delta R.T. -0.03 min
Lab File: BG044168.D
Acq: 23 Jan 2020 15:39

Instrument :
BNA_G
ClientSampleId :
STOCK-PILE-AMS

Tot Ion:178 Resp: 1081536
Ion Ratio Lower Upper
178 100
176 21.9 18.6 28.0
179 17.0 14.4 21.6

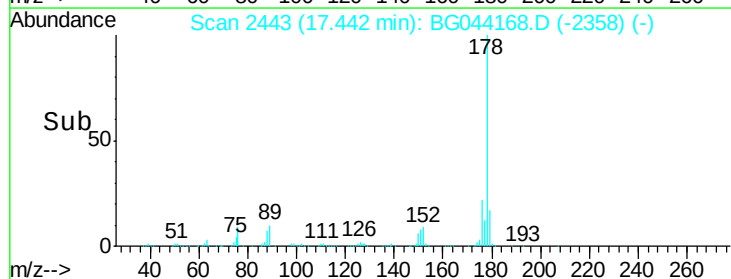
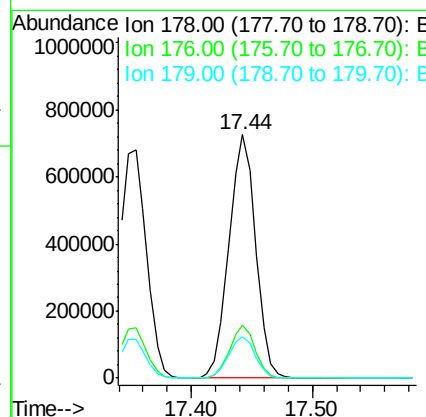
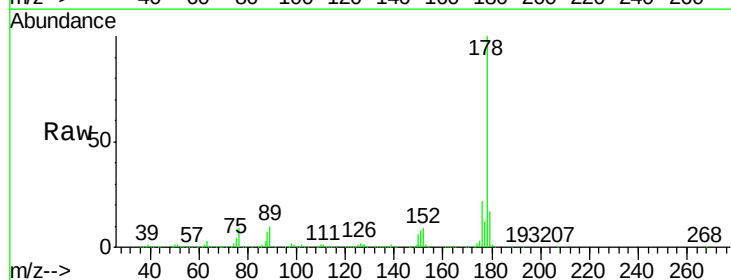
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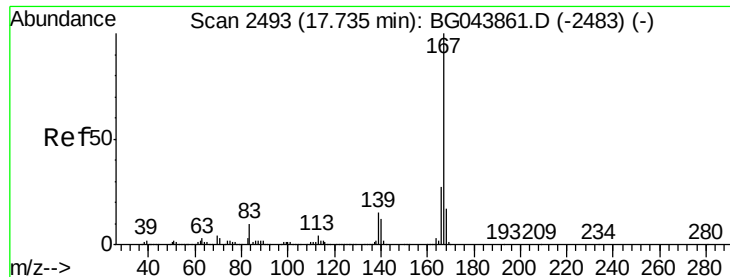
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#72
Anthracene
Concen: 46.450 ng
RT: 17.44 min Scan# 2443
Delta R.T. -0.03 min
Lab File: BG044168.D
Acq: 23 Jan 2020 15:39

Tgt Ion:178 Resp: 1109749
Ion Ratio Lower Upper
178 100
176 21.6 18.3 27.5
179 17.0 14.6 22.0





#73

Carbazole

Concen: 44.403 ng

RT: 17.71 min Scan# 2488

Delta R.T. -0.03 min

Lab File: BG044168.D

Acq: 23 Jan 2020 15:39

Instrument :

BNA_G

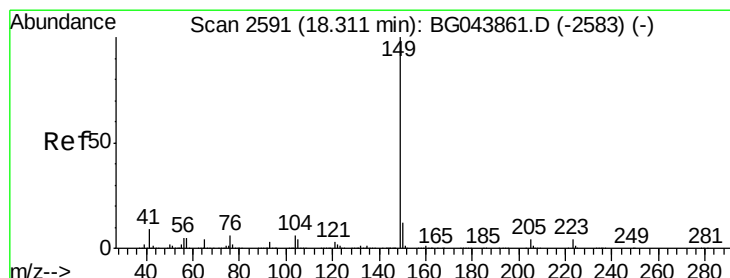
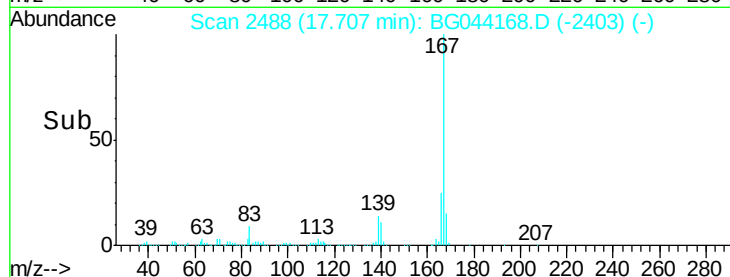
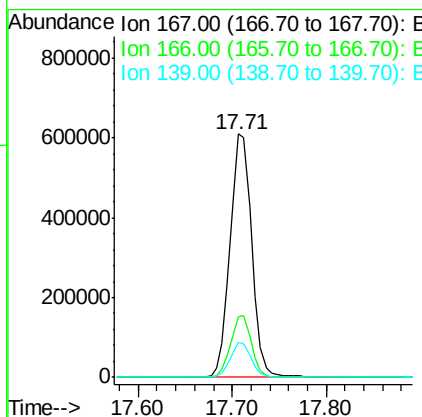
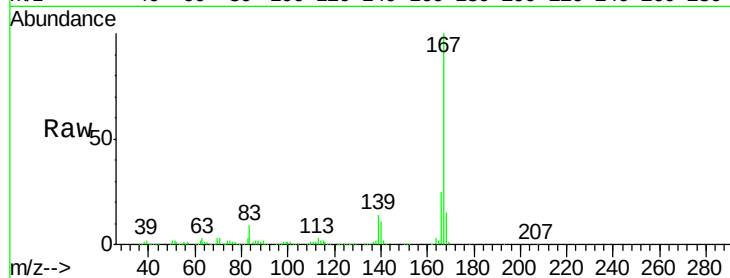
ClientSampleId :

STOCK-PILE-AMS

Tot Ion:	167	Resp:	979912
Ion Ratio	Lower	Upper	
167	100		
166	24.9	21.6	32.4
139	14.4	12.1	18.1

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#74

Di-n-butylphthalate

Concen: 43.534 ng

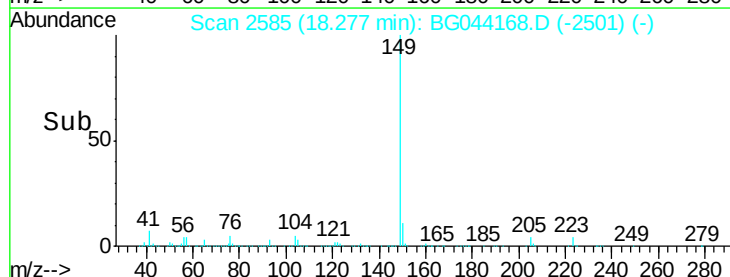
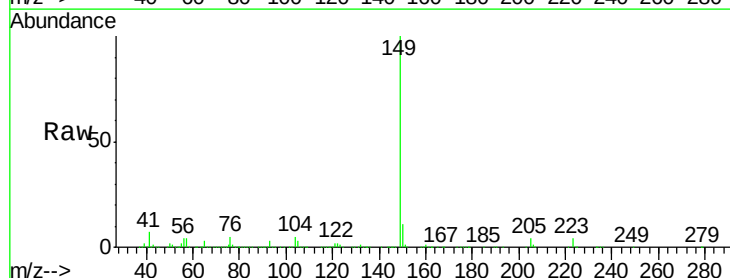
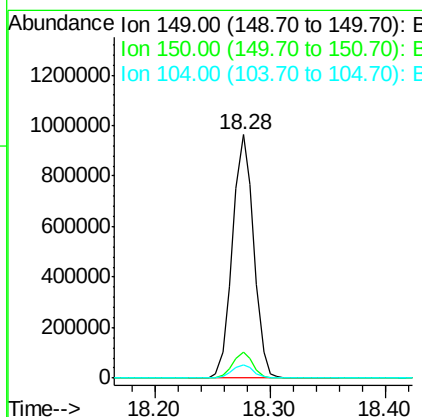
RT: 18.28 min Scan# 2585

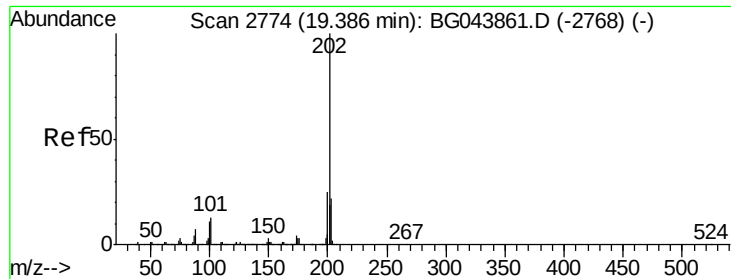
Delta R.T. -0.03 min

Lab File: BG044168.D

Acq: 23 Jan 2020 15:39

Tgt Ion:	149	Resp:	1226617
Ion Ratio	Lower	Upper	
149	100		
150	10.9	9.7	14.5
104	5.4	5.0	7.4





#75

Fluoranthene

Concen: 44.482 ng

RT: 19.36 min Scan# 2769

Delta R.T. -0.03 min

Lab File: BG044168.D

Acq: 23 Jan 2020 15:39

Instrument :

BNA_G

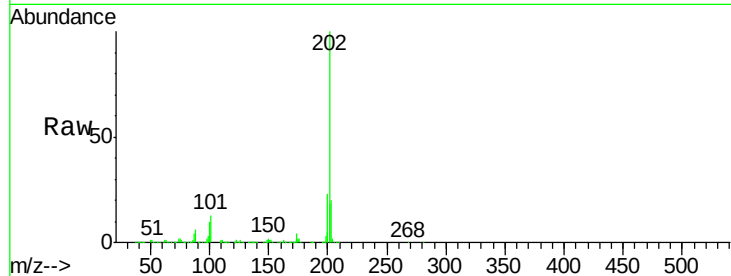
ClientSampleId :

STOCK-PILE-AMS

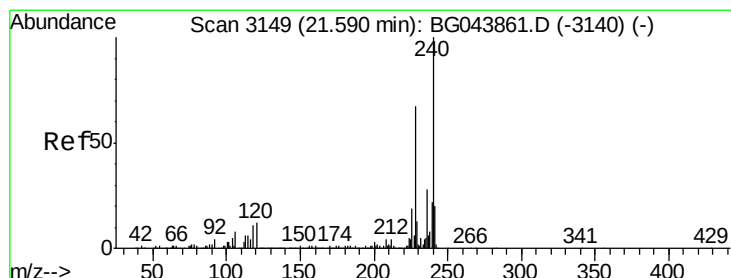
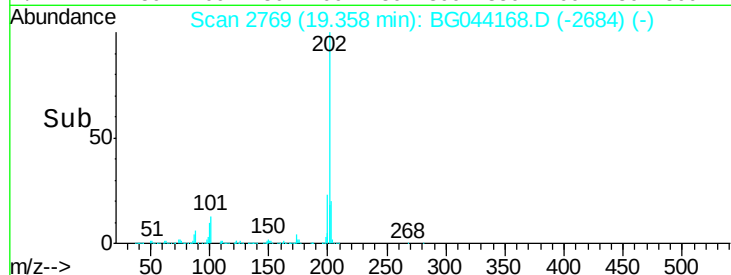
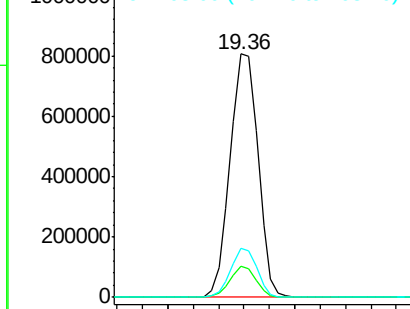
Tot Ion:	202	Resp:	1229789
Ion	Ratio	Lower	Upper
202	100		
101	12.8	0.0	33.3
203	20.2	1.6	41.6

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



#76

Chrysene-d12

Concen: 20.000 ng

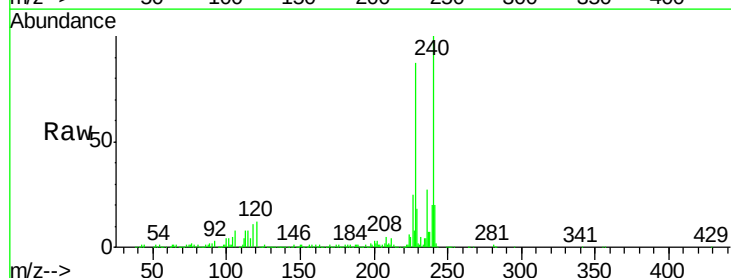
RT: 21.56 min Scan# 3143

Delta R.T. -0.03 min

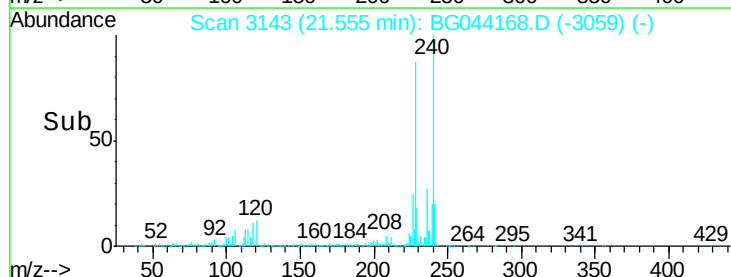
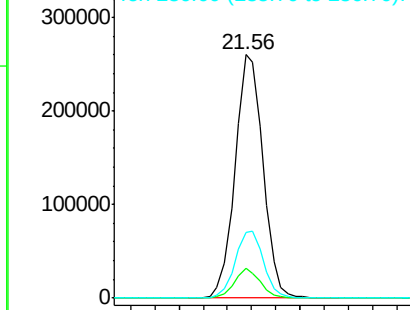
Lab File: BG044168.D

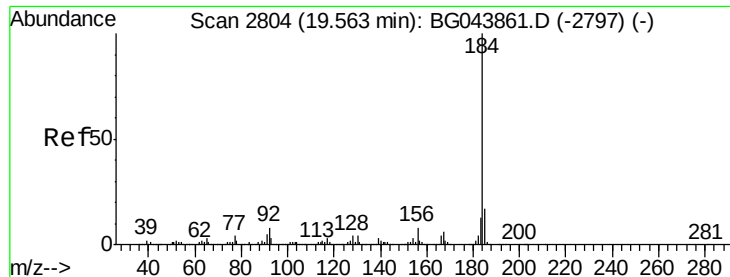
Acq: 23 Jan 2020 15:39

Tgt Ion:	240	Resp:	419263
Ion	Ratio	Lower	Upper
240	100		
120	12.1	9.6	14.4
236	27.2	22.2	33.2



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





#77

Benzidine

Concen: 35.797 ng

RT: 19.54 min Scan# 2800

Delta R.T. -0.02 min

Lab File: BG044168.D

Acq: 23 Jan 2020 15:39

Instrument :

BNA_G

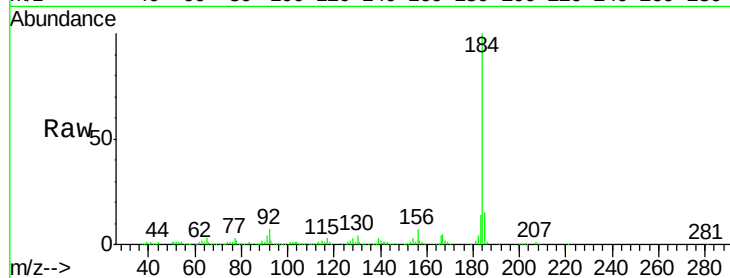
ClientSampleId :

STOCK-PILE-AMS

Tot Ion	Ratio	Lower	Upper
184	100		
185	15.4	13.4	20.0
183	13.6	10.6	15.8

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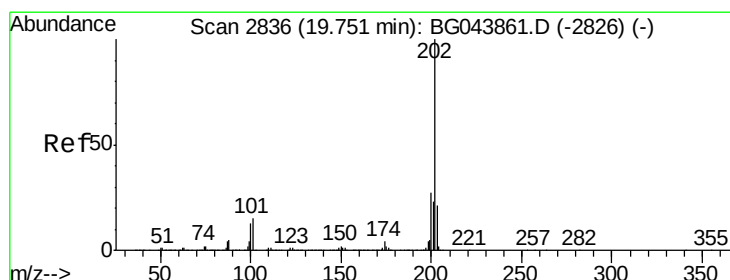
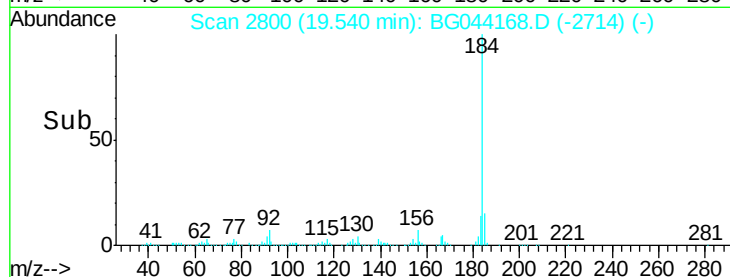
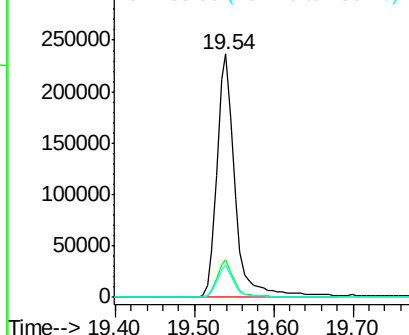


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 45.116 ng

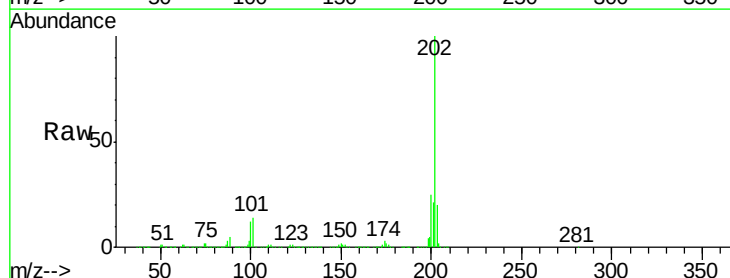
RT: 19.72 min Scan# 2831

Delta R.T. -0.03 min

Lab File: BG044168.D

Acq: 23 Jan 2020 15:39

Tgt Ion	Ratio	Lower	Upper
202	100		
200	24.7	21.7	32.5
203	20.0	17.0	25.6

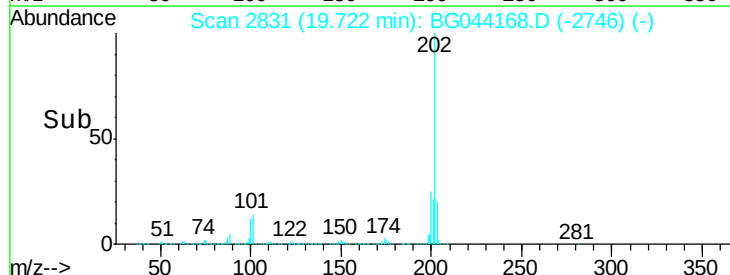
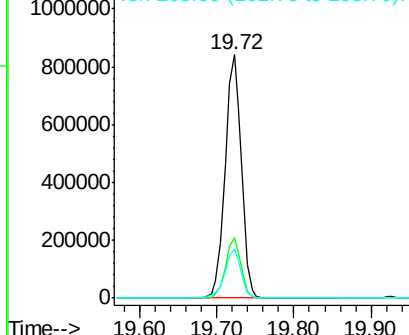


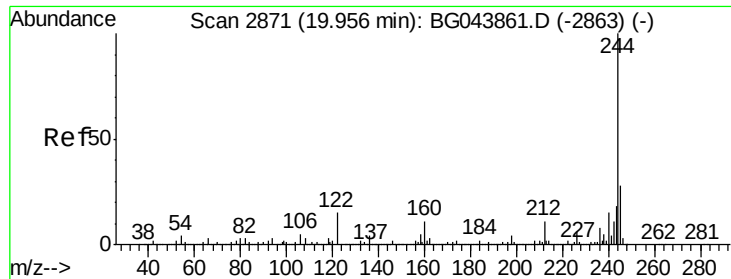
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 92.937 ng

RT: 19.92 min Scan# 2865

Delta R.T. -0.03 min

Lab File: BG044168.D

Acq: 23 Jan 2020 15:39

Instrument :

BNA_G

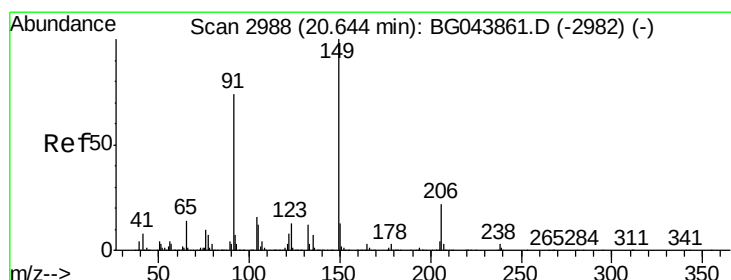
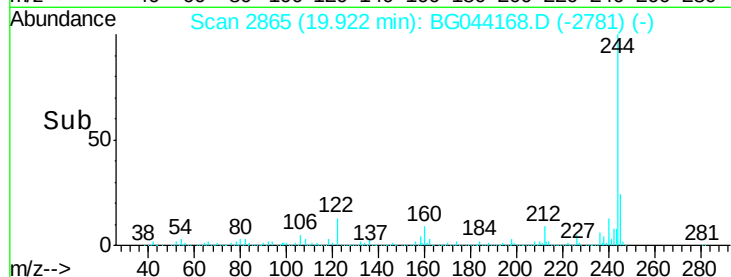
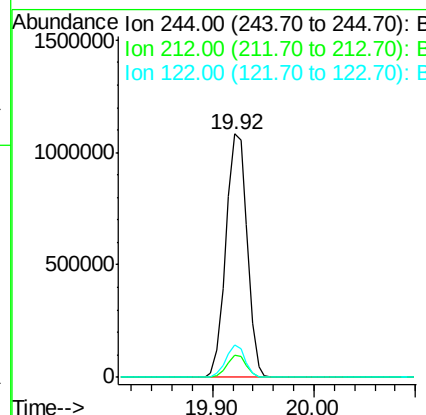
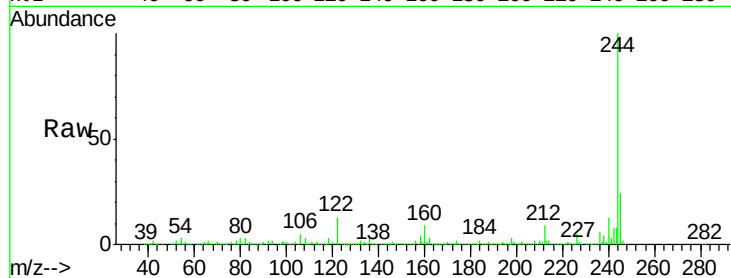
ClientSampleId :

STOCK-PILE-AMS

Tot Ion	Ratio	Lower	Upper
244	100		
212	8.9	8.6	13.0
122	13.2	11.9	17.9

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#80

Butylbenzylphthalate

Concen: 43.837 ng

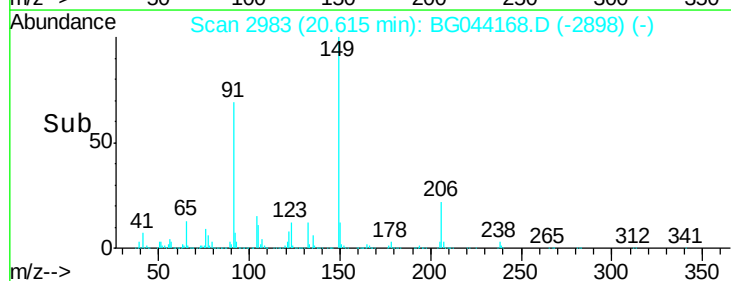
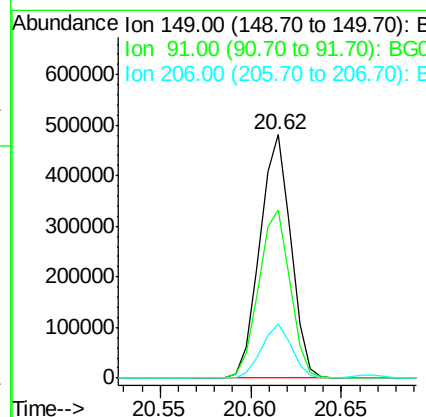
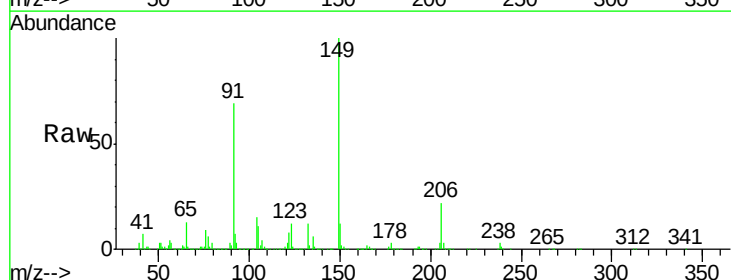
RT: 20.62 min Scan# 2983

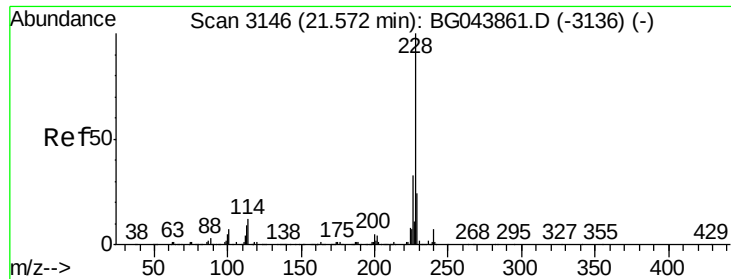
Delta R.T. -0.03 min

Lab File: BG044168.D

Acq: 23 Jan 2020 15:39

Tgt Ion	Ratio	Lower	Upper
149	100		
91	69.1	59.5	89.3
206	22.4	17.8	26.6





#81

Benzo(a)anthracene

Concen: 45.403 ng

RT: 21.54 min Scan# 3140

Delta R.T. -0.03 min

Lab File: BG044168.D

Acq: 23 Jan 2020 15:39

Instrument :

BNA_G

ClientSampleId :

STOCK-PILE-AMS

Tot Ion:228 Resp: 1180348

Ion Ratio Lower Upper

228 100

226 30.4 26.2 39.4

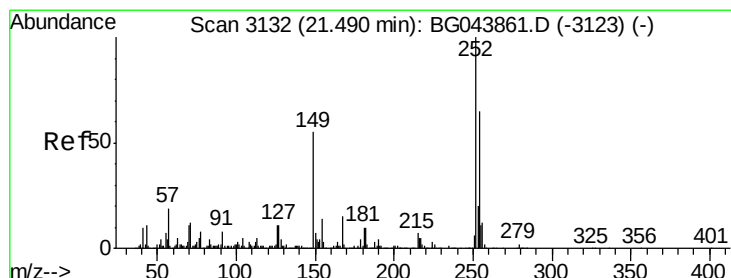
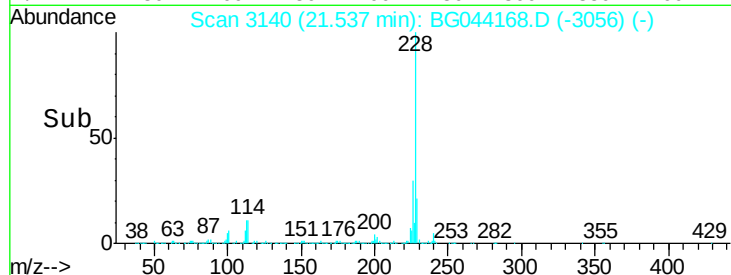
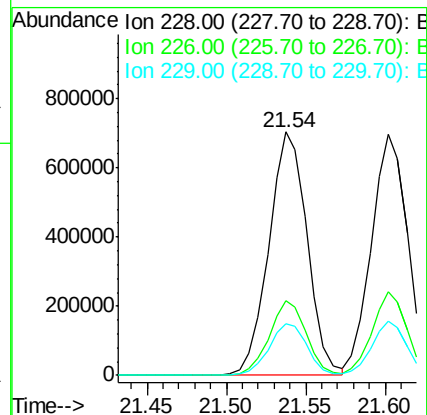
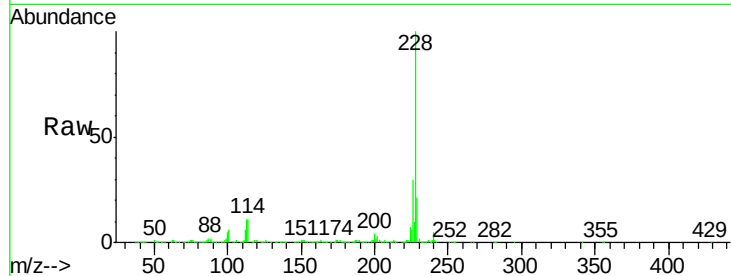
229 21.5 18.9 28.3

Manual Integrations

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#82

3,3'-Dichlorobenzidine

Concen: 23.063 ng

RT: 21.46 min Scan# 3126

Delta R.T. -0.03 min

Lab File: BG044168.D

Acq: 23 Jan 2020 15:39

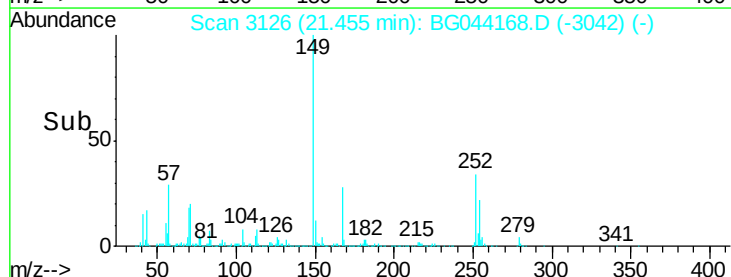
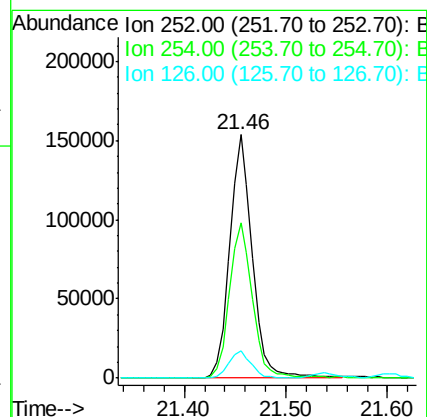
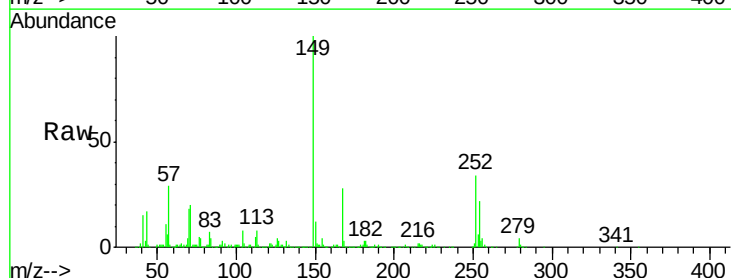
Tgt Ion:252 Resp: 236873

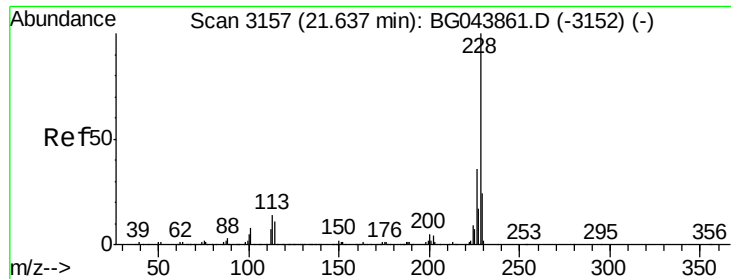
Ion Ratio Lower Upper

252 100

254 63.6 52.1 78.1

126 11.3 9.1 13.7





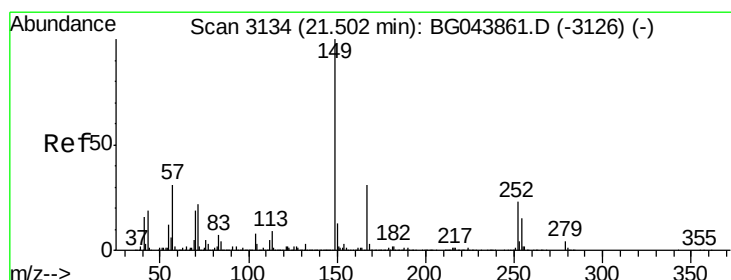
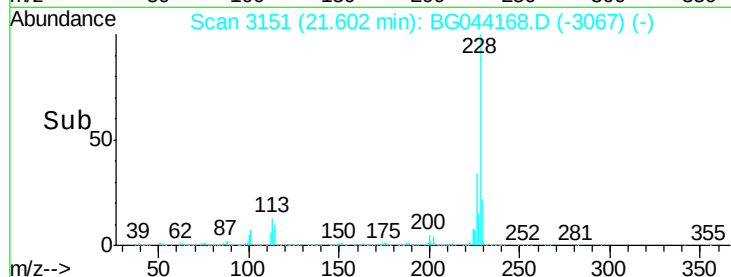
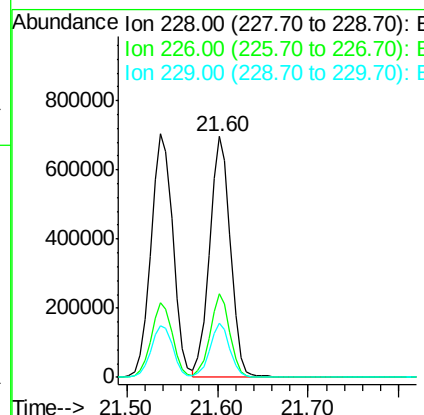
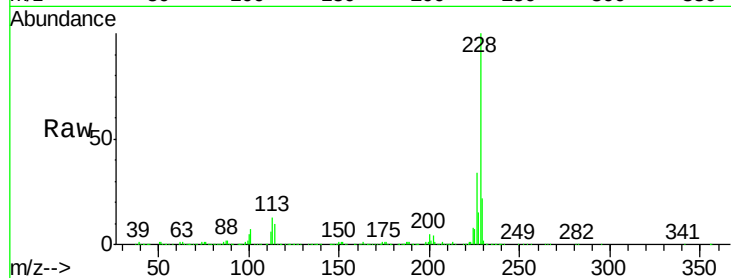
#83
Chrysene
Concen: 45.091 ng
RT: 21.60 min Scan# 3151
Delta R.T. -0.03 min
Lab File: BG044168.D
Acq: 23 Jan 2020 15:39

Instrument :
BNA_G
ClientSampleId :
STOCK-PILE-AMS

Tot Ion:228 Resp: 1113849
Ion Ratio Lower Upper
228 100
226 34.5 28.8 43.2
229 22.4 19.0 28.6

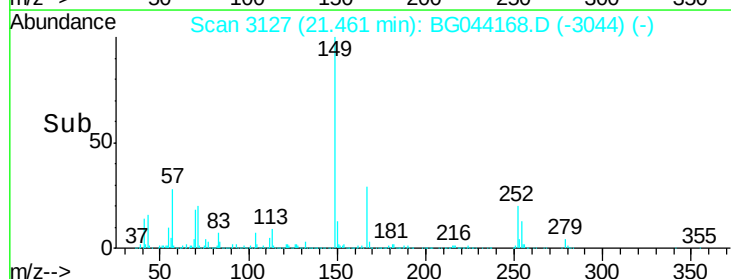
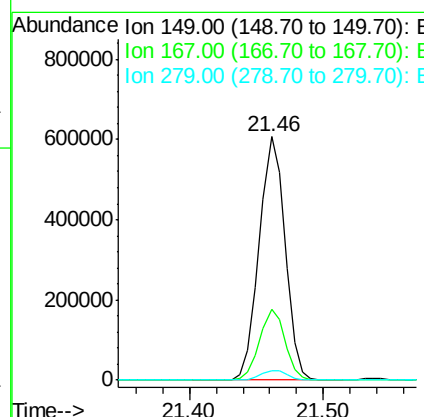
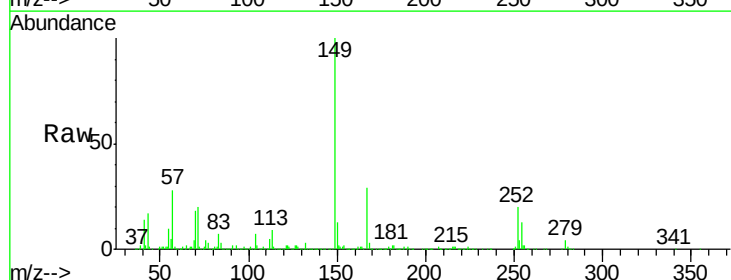
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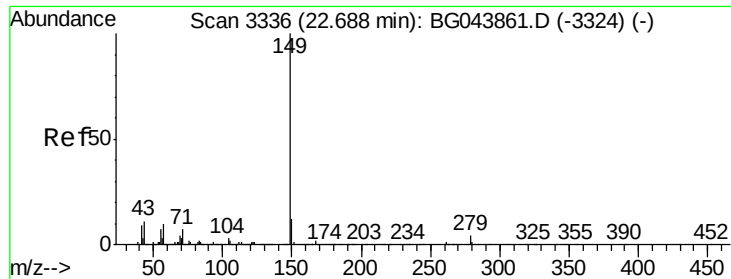
mohammad
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#84
Bis(2-ethylhexyl)phthalate
Concen: 45.113 ng
RT: 21.46 min Scan# 3127
Delta R.T. -0.04 min
Lab File: BG044168.D
Acq: 23 Jan 2020 15:39

Tgt Ion:149 Resp: 811021
Ion Ratio Lower Upper
149 100
167 29.0 24.7 37.1
279 4.1 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 46.560 ng

RT: 22.64 min Scan# 3327

Delta R.T. -0.05 min

Lab File: BG044168.D

Acq: 23 Jan 2020 15:39

Instrument :

BNA_G

ClientSampleId :

STOCK-PILE-AMS

Tot Ion:149 Resp: 1407189

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

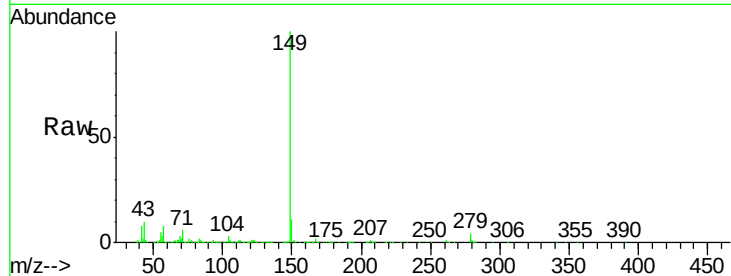
43 9.7 8.8 13.2

Manual Integrations

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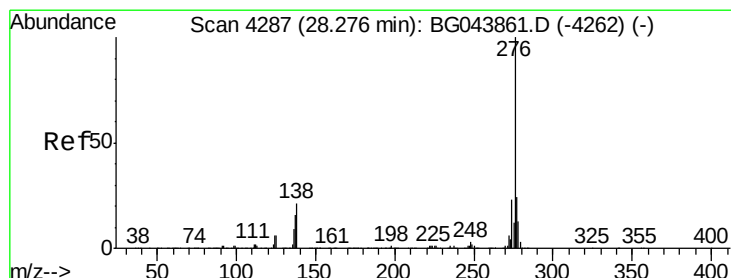
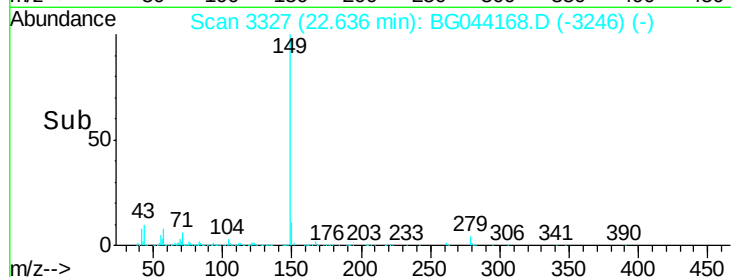
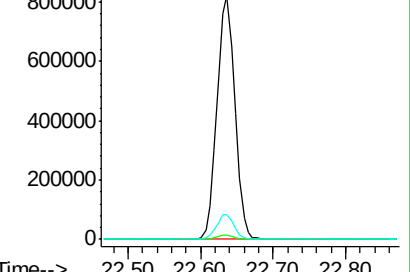
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): B



#86

Indeno(1,2,3-cd)pyrene

Concen: 43.219 ng

RT: 28.18 min Scan# 4270

Delta R.T. -0.10 min

Lab File: BG044168.D

Acq: 23 Jan 2020 15:39

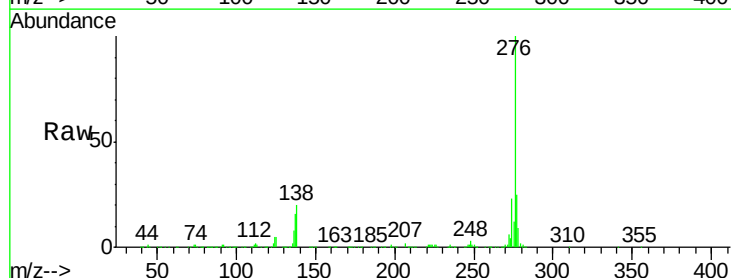
Tgt Ion:276 Resp: 1450901

Ion Ratio Lower Upper

276 100

138 26.1 21.0 31.4

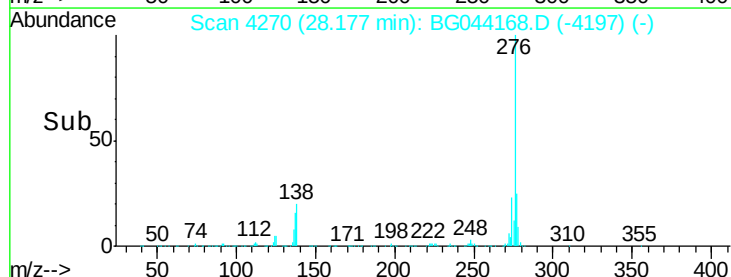
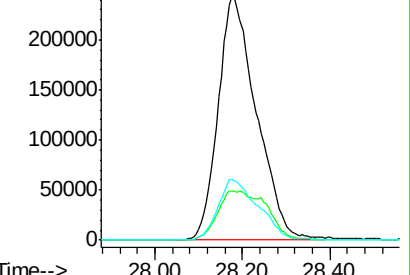
277 26.2 21.1 31.7

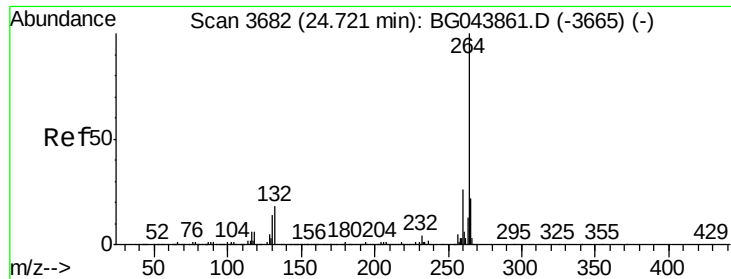


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





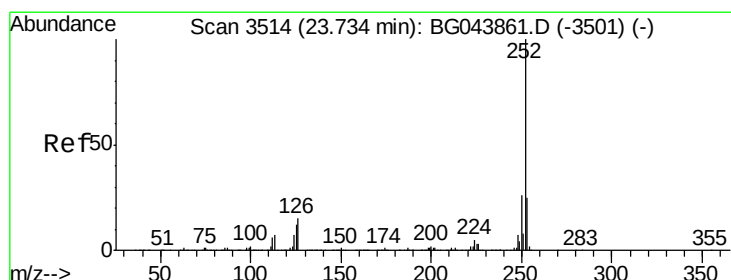
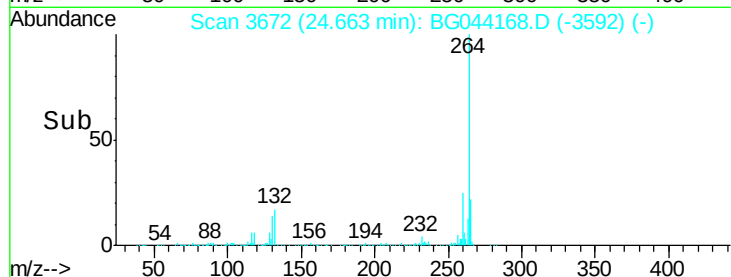
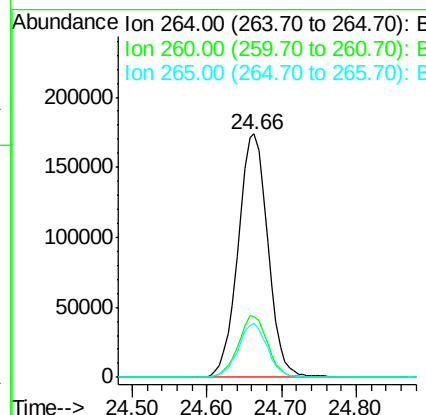
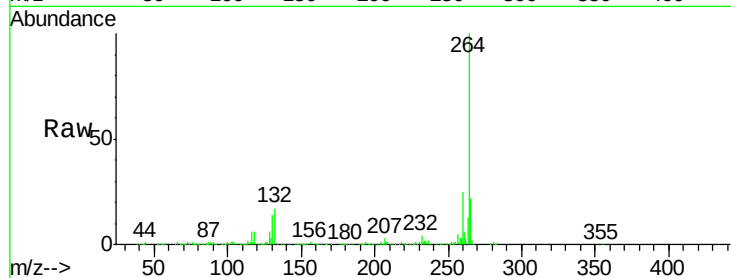
#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.66 min Scan# 3672
Delta R.T. -0.06 min
Lab File: BG044168.D
Acq: 23 Jan 2020 15:39

Instrument :
BNA_G
ClientSampleId :
STOCK-PILE-AMS

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.6	20.4	30.6
265	22.1	17.4	26.2

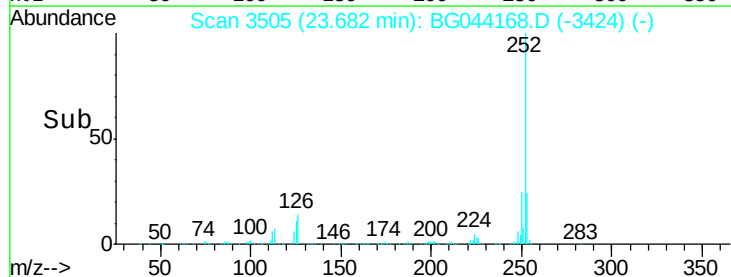
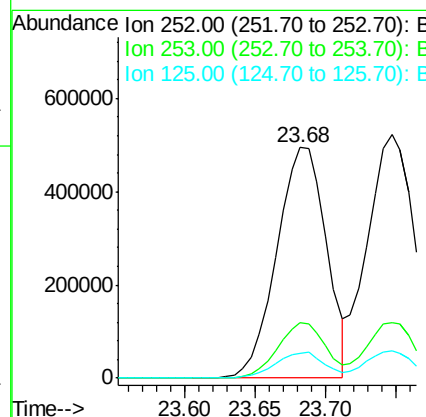
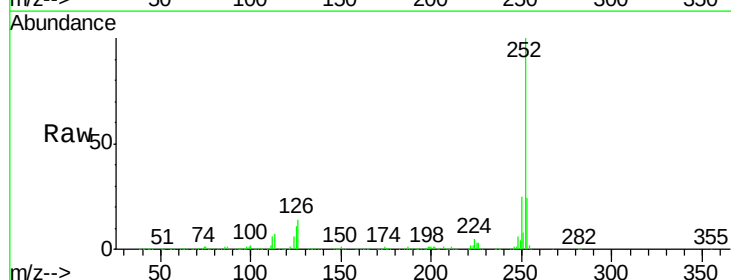
Manual Integrations
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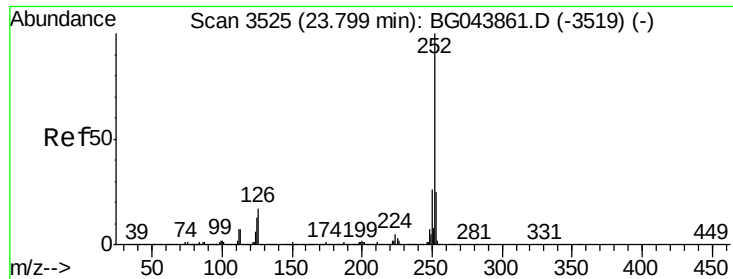
mohammad
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#88
Benzo(b)fluoranthene
Concen: 42.424 ng
RT: 23.68 min Scan# 3505
Delta R.T. -0.05 min
Lab File: BG044168.D
Acq: 23 Jan 2020 15:39

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.1	19.7	29.5
125	10.7	9.4	14.2





#89

Benzo(k)fluoranthene

Concen: 45.518 ng

RT: 23.75 min Scan# 3516

Delta R.T. -0.05 min

Lab File: BG044168.D

Acq: 23 Jan 2020 15:39

Instrument :

BNA_G

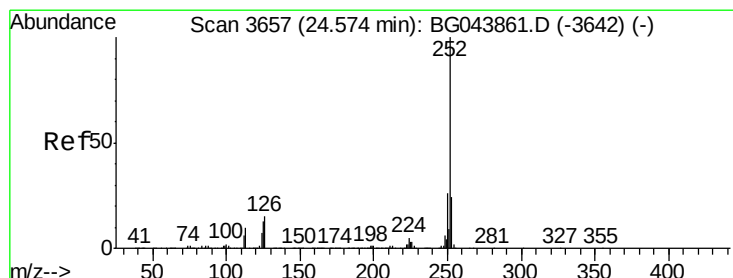
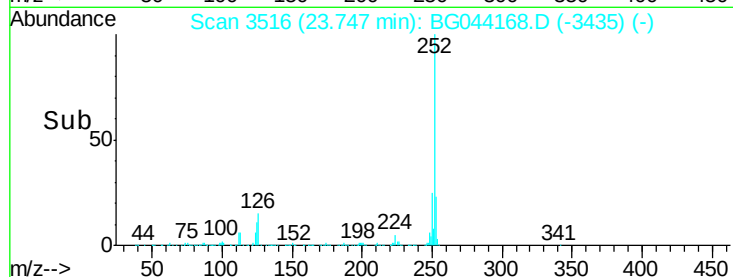
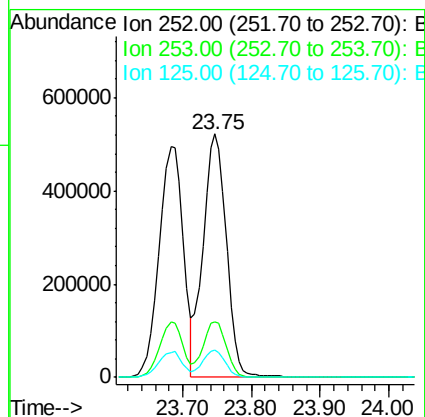
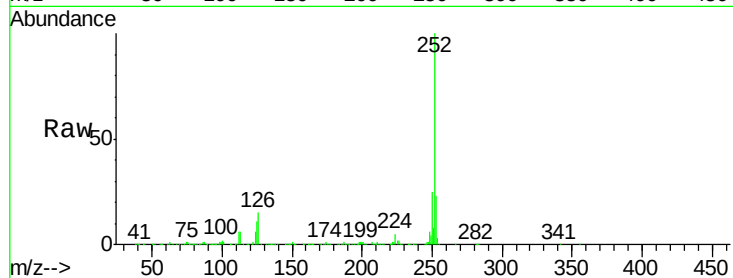
ClientSampleId :

STOCK-PILE-AMS

Tot Ion:	252	Resp:	1234988
Ion	Ratio	Lower	Upper
252	100		
253	22.9	19.4	29.2
125	11.0	9.9	14.9

Manual Integrations
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#90

Benzo(a)pyrene

Concen: 42.750 ng

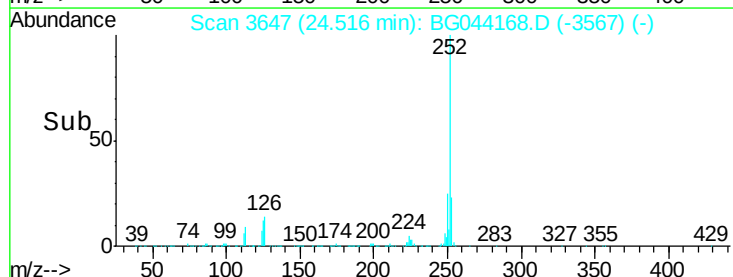
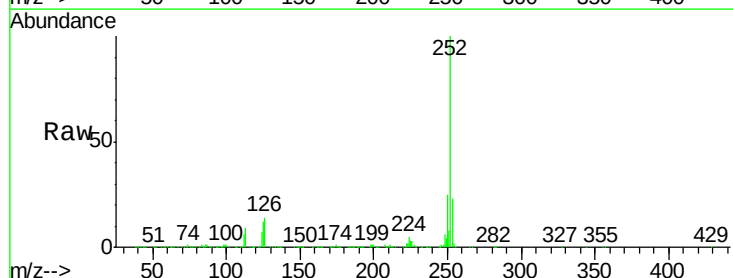
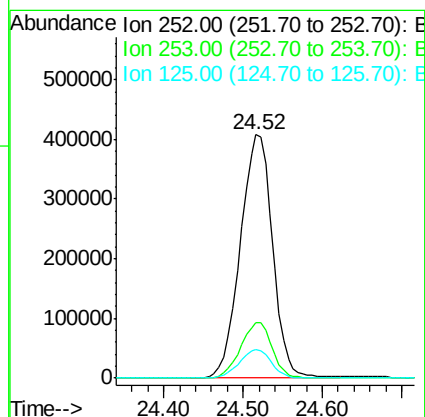
RT: 24.52 min Scan# 3647

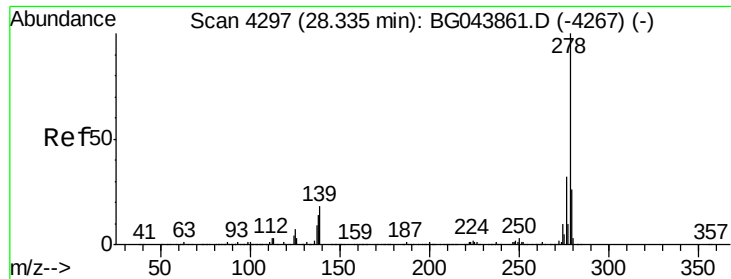
Delta R.T. -0.06 min

Lab File: BG044168.D

Acq: 23 Jan 2020 15:39

Tgt Ion:	252	Resp:	1151205
Ion	Ratio	Lower	Upper
252	100		
253	22.6	19.3	28.9
125	11.8	10.4	15.6





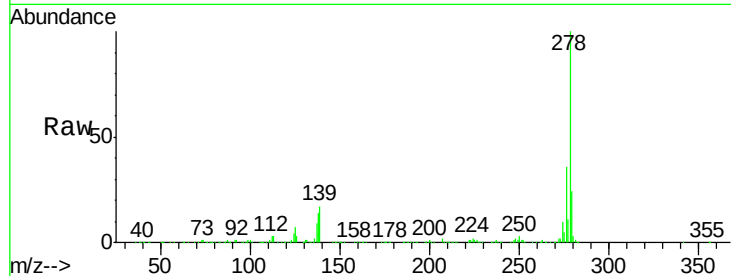
#91
Dibenzo(a,h)anthracene
Concen: 44.465 ng
RT: 28.25 min Scan# 4282
Delta R.T. -0.09 min
Lab File: BG044168.D
Acq: 23 Jan 2020 15:39

Instrument :
BNA_G
ClientSampleId :
STOCK-PILE-AMS

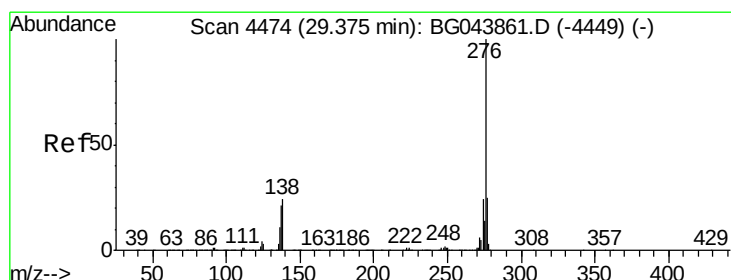
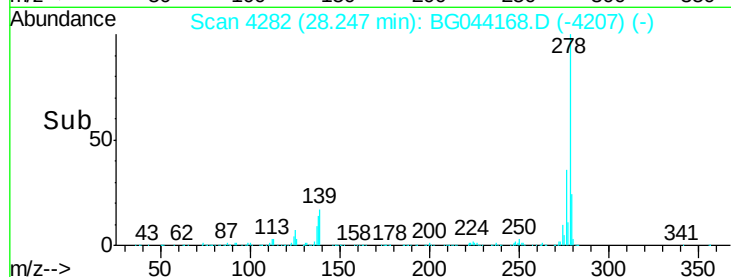
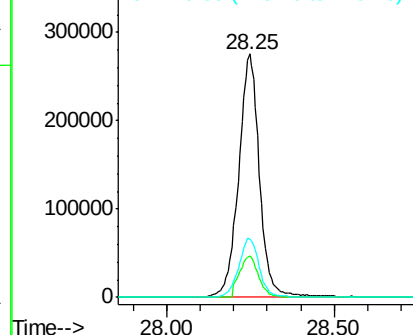
Tot Ion	Ratio	Lower	Upper
278	100		
139	16.9	14.2	21.4
279	23.8	20.6	30.8

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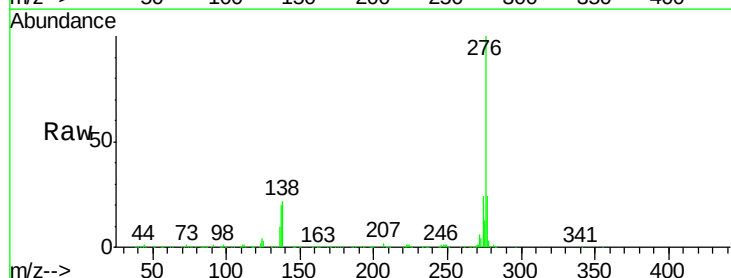


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 45.565 ng
RT: 29.28 min Scan# 4458
Delta R.T. -0.09 min
Lab File: BG044168.D
Acq: 23 Jan 2020 15:39

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.1	20.2	30.4
138	21.7	19.0	28.6



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

