

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG032420\
 Data File : BG044948.D
 Acq On : 25 Mar 2020 3:59
 Operator : CG/JU
 Sample : L1994-04MS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-4AMS

Manual Integrations
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 3/25/2020 12:27:52 PM

Quant Time: Mar 25 09:25:59 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG031020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 23 07:18:46 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	81756	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	306913	20.00	ng	0.00
39) Acenaphthene-d10	14.68	164	209683	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	474819	20.00	ng	0.00
76) Chrysene-d12	21.69	240	444069	20.00	ng	0.00
87) Perylene-d12	24.89	264	506469	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	633049	120.54	ng	0.00
7) Phenol-d6	7.20	99	836609	109.64	ng	0.00
23) Nitrobenzene-d5	9.20	82	589656	84.31	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	404511	147.34	ng	0.00
45) 2-Fluorobiphenyl	13.30	172	1242776	84.88	ng	0.00
79) Terphenyl-d14	20.03	244	2078604	87.56	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.52	88	94702	37.445	ng	# 57
3) Pyridine	3.92	79	188566	25.186	ng	97
4) n-Nitrosodimethylamine	3.82	42	129866	45.716	ng	# 97
6) Aniline	7.37	93	161566	17.016	ng	95
8) 2-Chlorophenol	7.61	128	287442	54.827	ng	98
9) Benzaldehyde	7.17	77	73401	12.175	ng	96
10) Phenol	7.23	94	350886	46.447	ng	97
11) bis(2-Chloroethyl)ether	7.46	93	276003	45.778	ng	96
12) 1,3-Dichlorobenzene	7.93	146	301171	46.633	ng	97
13) 1,4-Dichlorobenzene	8.08	146	300798	47.111	ng	98
14) 1,2-Dichlorobenzene	8.40	146	287594	47.494	ng	97
15) Benzyl Alcohol	8.28	79	304708	49.769	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.57	45	413874	38.899	ng	98
17) 2-Methylphenol	8.48	107	259384	50.688	ng	95
18) Hexachloroethane	9.13	117	111397	44.316	ng	91
19) n-Nitroso-di-n-propylamine	8.85	70	235951	43.791	ng	99
20) 3+4-Methylphenols	8.81	107	354664	50.277	ng	98
22) Acetophenone	8.86	105	434642	49.988	ng	99
24) Nitrobenzene	9.24	77	363020	50.022	ng	100
25) Isophorone	9.77	82	662748	48.551	ng	99
26) 2-Nitrophenol	9.95	139	156055	60.338	ng	97
27) 2,4-Dimethylphenol	10.02	122	263177	59.203	ng	96
28) bis(2-Chloroethoxy)methane	10.25	93	368253	45.204	ng	100
29) 2,4-Dichlorophenol	10.49	162	290139	55.880	ng	98
30) 1,2,4-Trichlorobenzene	10.72	180	311071	50.105	ng	94
31) Naphthalene	10.90	128	875737	51.509	ng	99
32) Benzoic acid	10.17	122	153817	45.139	ng	99
33) 4-Chloroaniline	11.00	127	26810	3.500	ng	# 96
34) Hexachlorobutadiene	11.20	225	200215	49.039	ng	96
35) Caprolactam	11.77	113	81738m	41.579	ng	
36) 4-Chloro-3-methylphenol	12.13	107	333005	53.775	ng	96
37) 2-Methylnaphthalene	12.50	142	639472	50.282	ng	97
38) 1-Methylnaphthalene	12.73	142	621919	52.016	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.87	216	344200	49.844	ng	99

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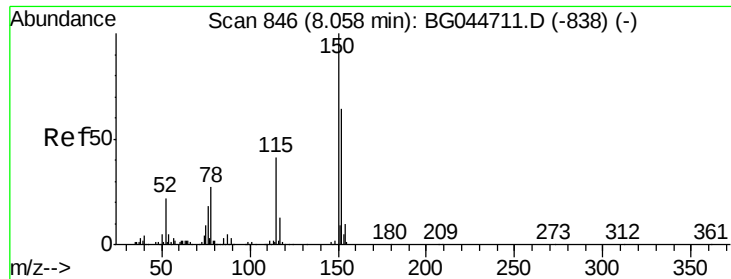
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG031020.M
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.86	237	450836	119.462	nq	96
43) 2,4,6-Trichlorophenol	13.11	196	255197	55.685	nq	97
44) 2,4,5-Trichlorophenol	13.18	196	268512	56.497	nq	98
46) 1,1'-Biphenyl	13.51	154	815523	48.670	nq	96
47) 2-Chloronaphthalene	13.55	162	627828	49.048	nq	97
48) 2-Nitroaniline	13.74	65	223737	49.926	nq	96
49) Acenaphthylene	14.39	152	1036000	51.662	nq	98
50) Dimethylphthalate	14.13	163	836629	50.097	nq	99
51) 2,6-Dinitrotoluene	14.24	165	192486	57.181	nq	98
52) Acenaphthene	14.74	154	758749	57.773	nq	96
53) 3-Nitroaniline	14.56	138	67710	17.495	nq	95
54) 2,4-Dinitrophenol	14.78	184	218984	119.862	nq	91
55) Dibenzofuran	15.08	168	985780	51.760	nq	99
56) 4-Nitrophenol	14.88	139	309401	104.752	nq	94
57) 2,4-Dinitrotoluene	15.03	165	269992	58.481	nq	96
58) Fluorene	15.72	166	811582	51.803	nq	97
59) 2,3,4,6-Tetrachlorophenol	15.30	232	259394	59.281	nq	95
60) Diethylphthalate	15.49	149	851007	48.857	nq	97
61) 4-Chlorophenyl-phenylether	15.72	204	433505	51.389	nq	99
62) 4-Nitroaniline	15.73	138	186258	45.133	nq	88
63) Azobenzene	16.01	77	850823	47.038	nq	98
65) 4,6-Dinitro-2-methylphenol	15.80	198	162669	68.809	nq	89
66) n-Nitrosodiphenylamine	15.93	169	736750	51.538	nq	99
67) 4-Bromophenyl-phenylether	16.61	248	306133	51.573	nq	99
68) Hexachlorobenzene	16.73	284	331192	51.429	nq	98
69) Atrazine	16.88	200	253661	48.432	nq	99
70) Pentachlorophenol	17.07	266	425078	119.967	nq	98
71) Phenanthrene	17.46	178	1322431	52.118	nq	99
72) Anthracene	17.56	178	1345726	53.787	nq	98
73) Carbazole	17.82	167	1256629	52.287	nq	99
74) Di-n-butylphthalate	18.38	149	1489773	50.993	nq	98
75) Fluoranthene	19.47	202	1628566	53.906	nq	99
77) Benzidine	19.65	184	498112	34.552	nq	98
78) Pyrene	19.83	202	1613826	49.534	nq	98
80) Butylbenzylphthalate	20.72	149	691019	47.676	nq	97
81) Benzo(a)anthracene	21.67	228	1593415	49.831	nq	99
82) 3,3'-Dichlorobenzidine	21.58	252	388911	31.439	nq	98
83) Chrysene	21.74	228	1515460	49.615	nq	99
84) Bis(2-ethylhexyl)phthalate	21.59	149	965316	48.257	nq	98
85) Di-n-octyl phthalate	22.81	149	1652775	49.375	nq	99
86) Indeno(1,2,3-cd)pyrene	28.55	276	2072263	51.749	nq	# 94
88) Benzo(b)fluoranthene	23.88	252	1756124	52.522	nq	99
89) Benzo(k)fluoranthene	23.95	252	1650207	52.153	nq	99
90) Benzo(a)pyrene	24.74	252	1598707	51.099	nq	96
91) Dibenzo(a,h)anthracene	28.61	278	1681700	54.485	nq	99
92) Benzo(g,h,i)perylene	29.68	276	1716735	55.051	nq	97

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



#1

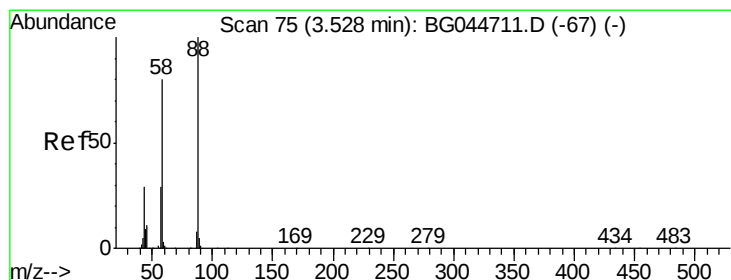
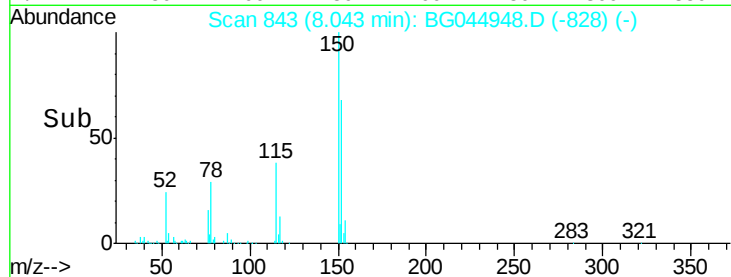
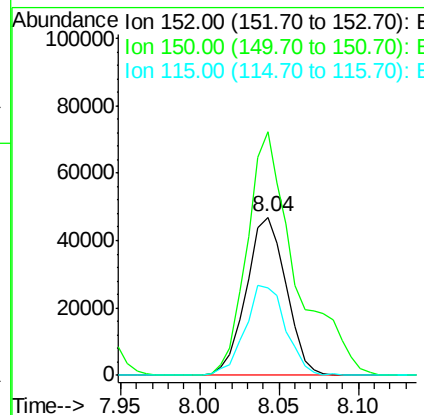
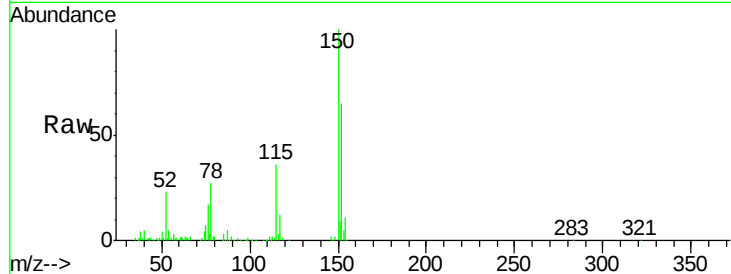
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.01 min
Lab File: BG044948.D
Acq: 25 Mar 2020 3:59

Instrument :
BNA_G
ClientSampled :
TP-4AMS

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.9	128.8	193.2
115	55.6	52.6	79.0

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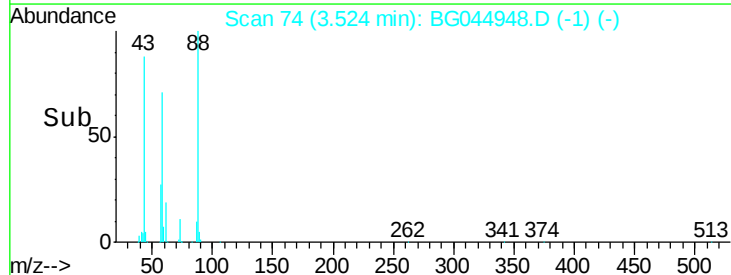
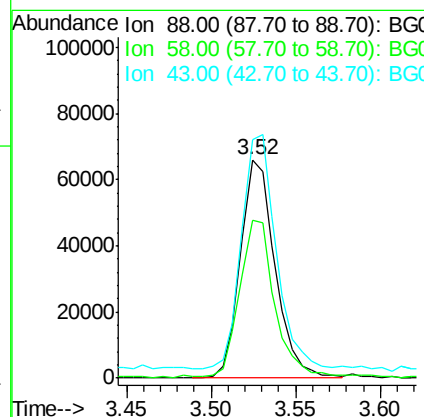
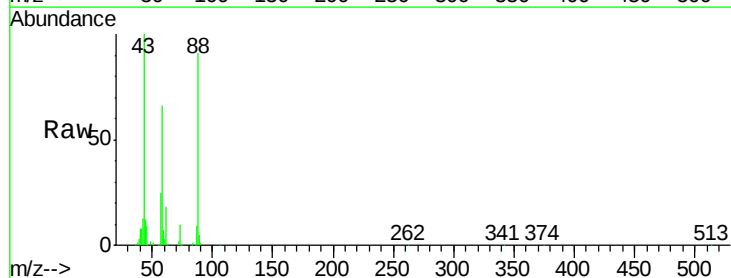
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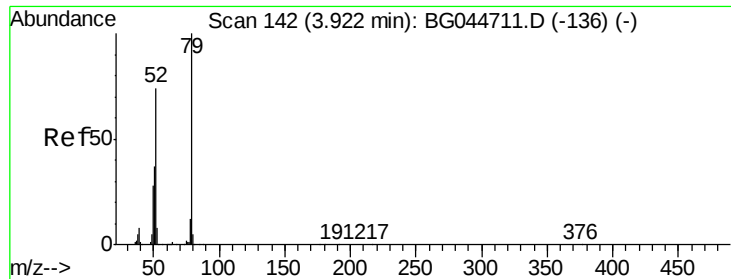


#2

1,4-Dioxane
Concen: 37.445 ng
RT: 3.52 min Scan# 74
Delta R.T. -0.00 min
Lab File: BG044948.D
Acq: 25 Mar 2020 3:59

Tgt Ion	Ratio	Lower	Upper
88	100		
58	73.4	63.0	94.4
43	106.9	24.8	37.2#





#3

Pvridine

Concen: 25.186 ng

RT: 3.92 min Scan# 142

Delta R.T. 0.01 min

Lab File: BG044948.D

Acq: 25 Mar 2020 3:59

Instrument :

BNA_G

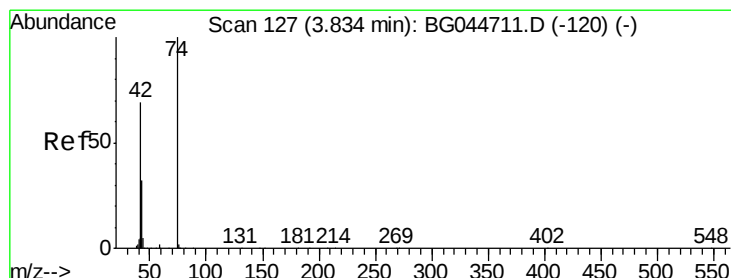
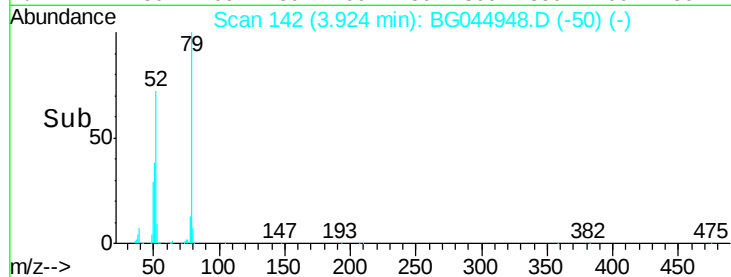
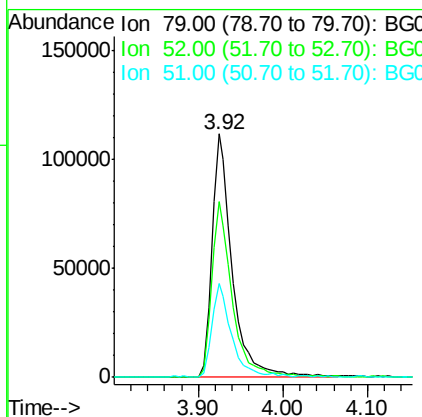
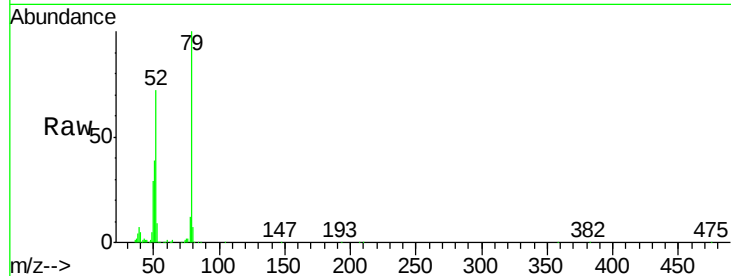
ClientSampled :

TP-4AMS

Tot Ion:	79	Resp:	188566
Ion Ratio	Lower	Upper	
79	100		
52	72.2	56.3	84.5
51	38.7	28.1	42.1

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 45.716 ng

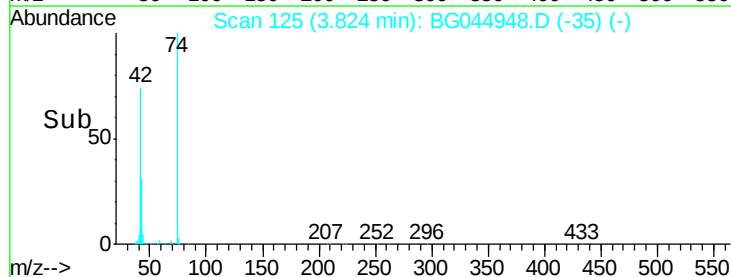
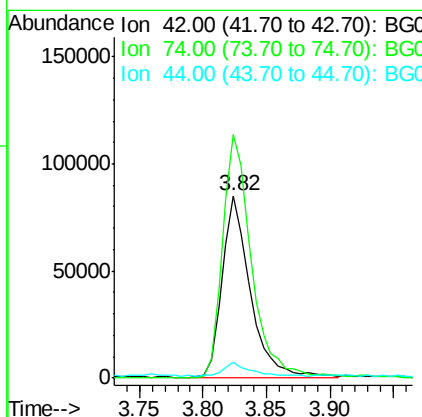
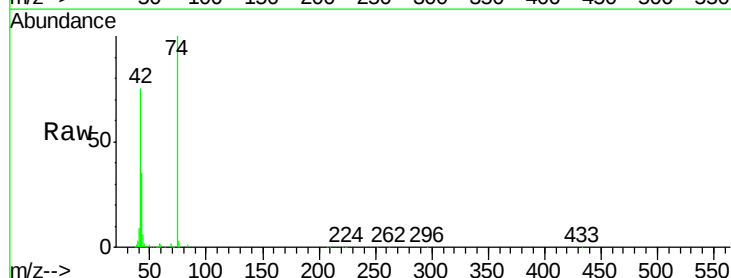
RT: 3.82 min Scan# 125

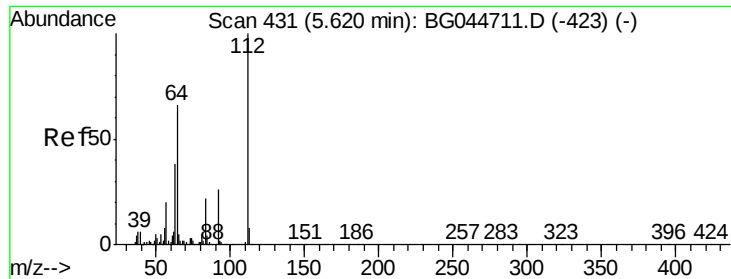
Delta R.T. -0.00 min

Lab File: BG044948.D

Acq: 25 Mar 2020 3:59

Tgt Ion:	42	Resp:	129866
Ion Ratio	Lower	Upper	
42	100		
74	133.3	109.1	163.7
44	8.4	5.4	8.2





#5

2-Fluorophenol

Concen: 120.537 ng

RT: 5.62 min Scan# 430

Delta R.T. 0.00 min

Lab File: BG044948.D

Acq: 25 Mar 2020 3:59

Instrument :

BNA_G

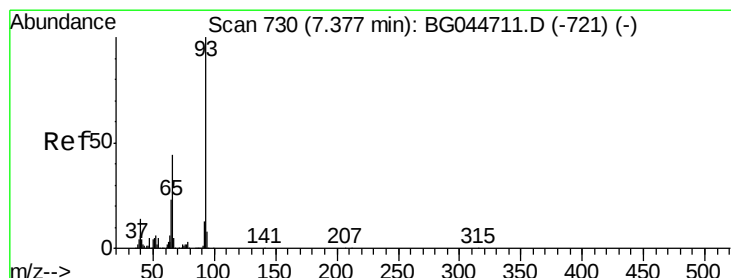
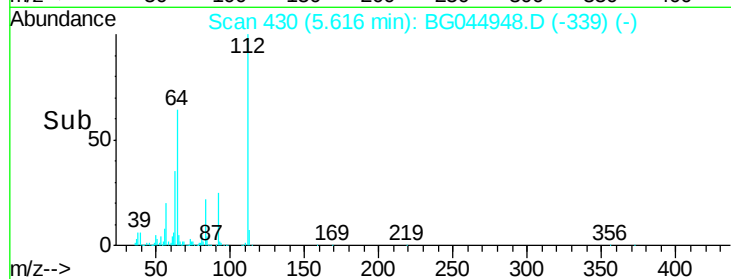
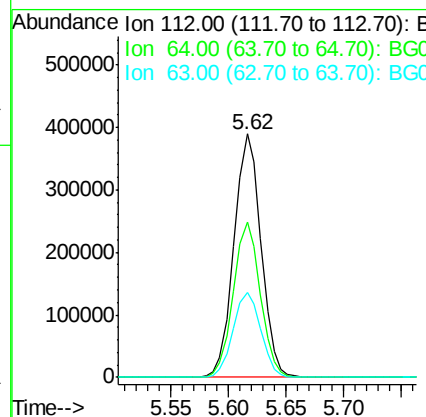
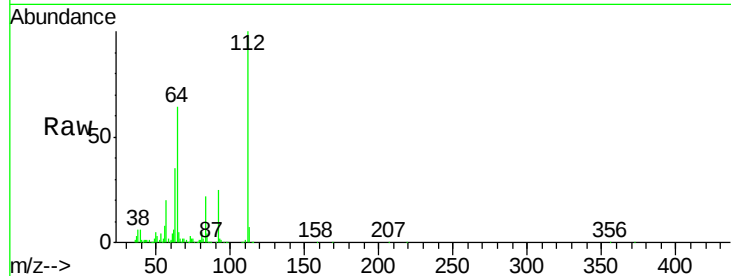
ClientSampleId :

TP-4AMS

Tot Ion:	112	Resp:	633049
Ion Ratio	Lower	Upper	
112	100		
64	63.9	53.4	80.2
63	34.8	29.4	44.2

Manual Integrations
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#6

Aniline

Concen: 17.016 ng

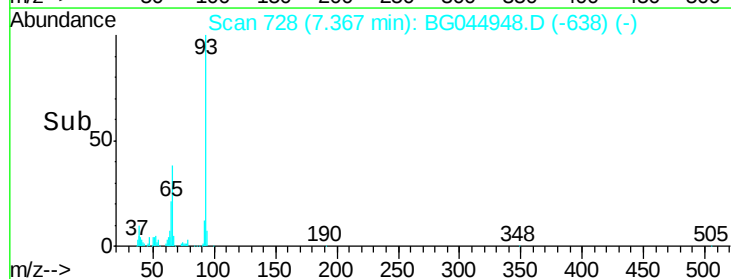
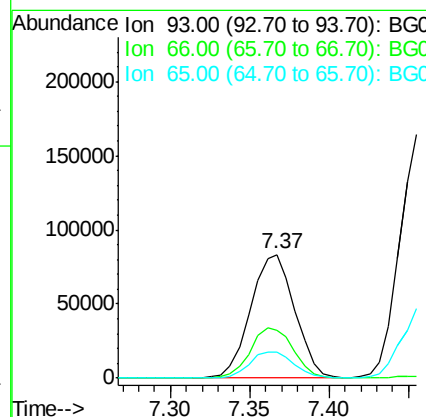
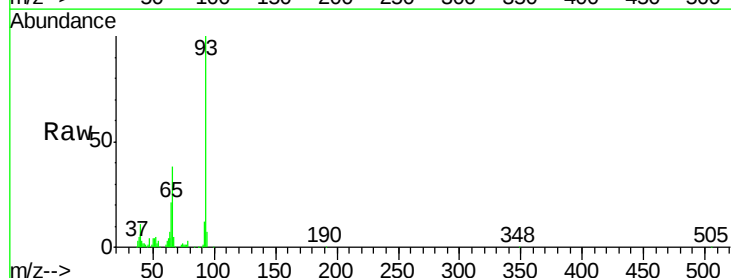
RT: 7.37 min Scan# 728

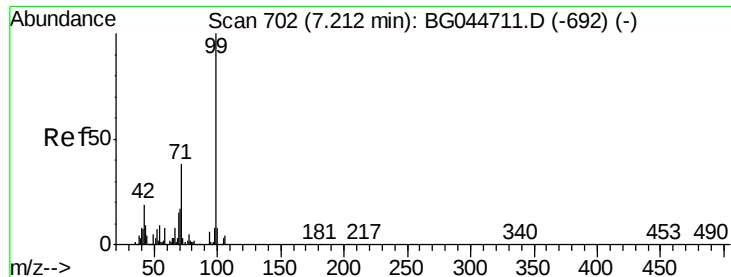
Delta R.T. -0.00 min

Lab File: BG044948.D

Acq: 25 Mar 2020 3:59

Tgt Ion:	93	Resp:	161566
Ion Ratio	Lower	Upper	
93	100		
66	38.2	33.7	50.5
65	21.2	17.7	26.5





#7

Phenol-d6

Concen: 109.638 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.00 min

Lab File: BG044948.D

Acq: 25 Mar 2020 3:59

Instrument :

BNA_G

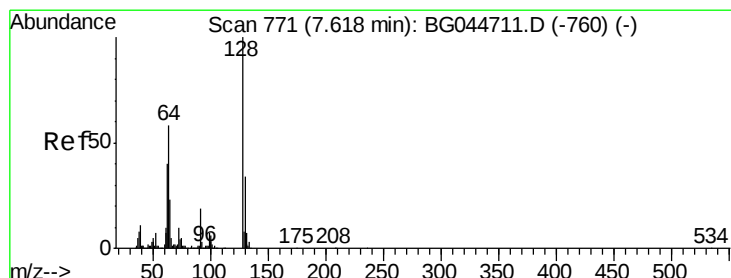
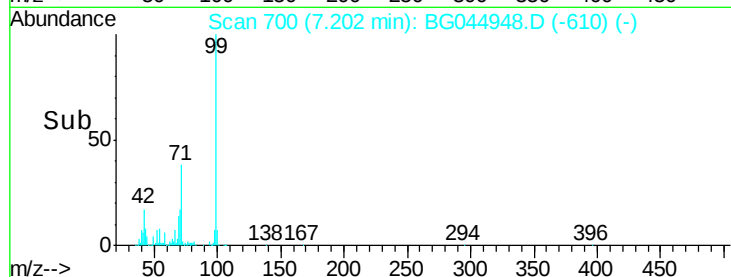
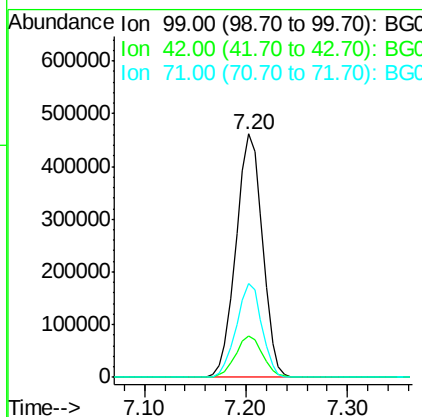
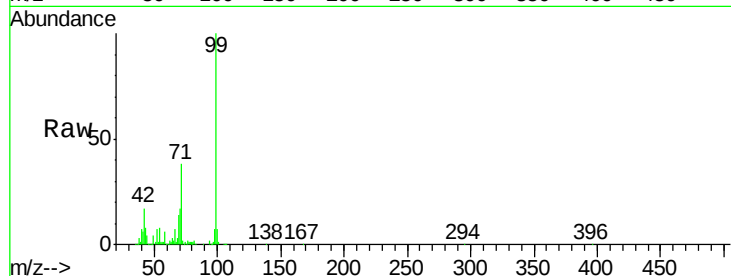
ClientSampleId :

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Tot Ion:	99	Resp:	836609
Ion Ratio	Lower	Upper	
99	100		
42	17.2	12.6	19.0
71	38.3	29.0	43.4

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#8

2-Chlorophenol

Concen: 54.827 ng

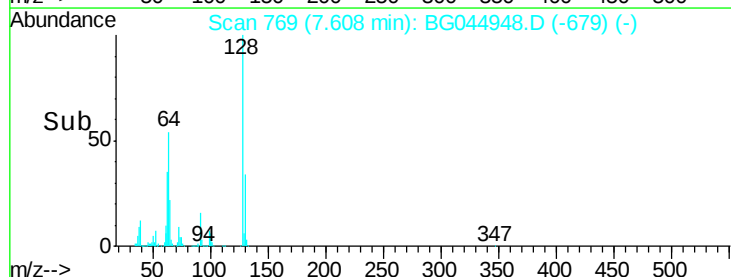
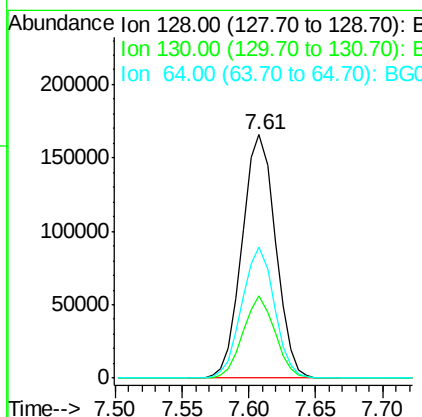
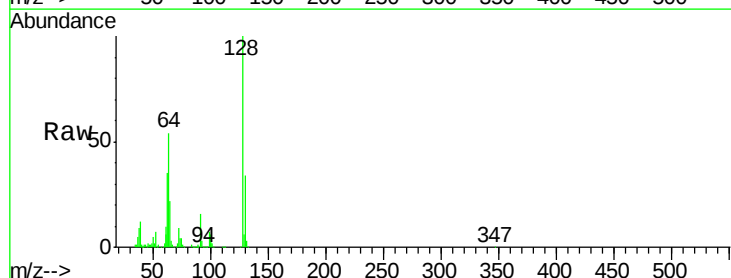
RT: 7.61 min Scan# 769

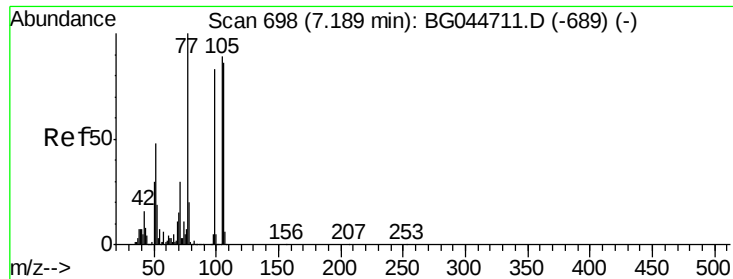
Delta R.T. -0.00 min

Lab File: BG044948.D

Acq: 25 Mar 2020 3:59

Tgt Ion:	128	Resp:	287442
Ion Ratio	Lower	Upper	
128	100		
130	33.9	11.6	51.6
64	53.8	34.5	74.5





#9

Benzaldehyde

Concen: 12.175 ng

RT: 7.17 min Scan# 695

Delta R.T. -0.00 min

Lab File: BG044948.D

Acq: 25 Mar 2020 3:59

Instrument :

BNA_G

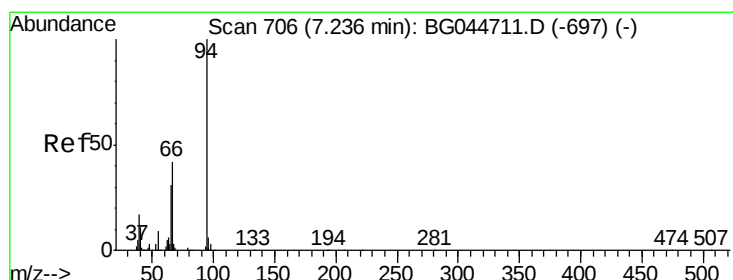
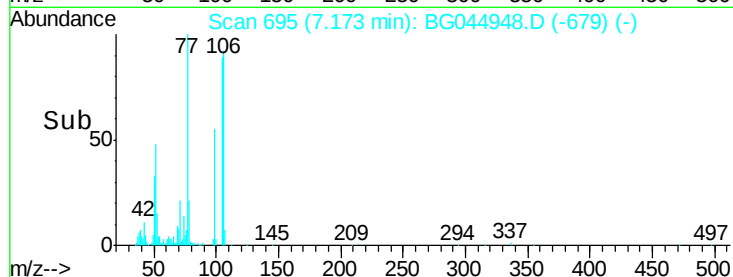
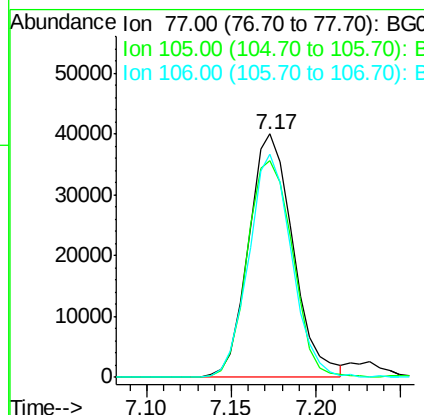
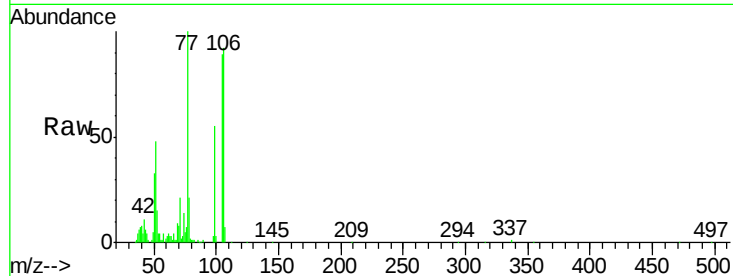
ClientSampled :

TP-4AMS

Tot Ion:	77	Resp:	73401
Ion	Ratio	Lower	Upper
77	100		
105	89.2	69.3	109.3
106	91.6	64.5	104.5

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#10

Phenol

Concen: 46.447 ng

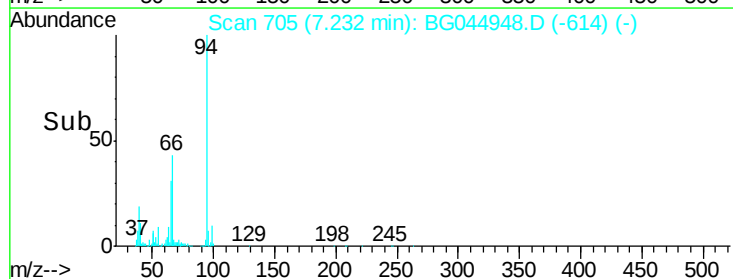
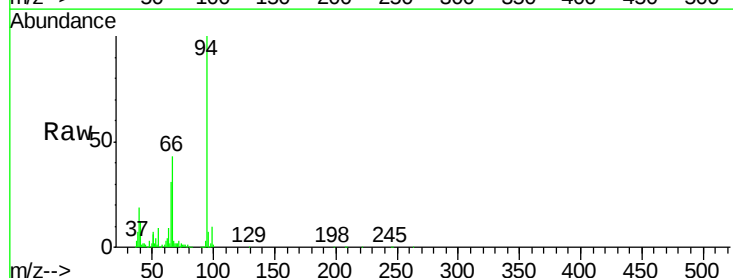
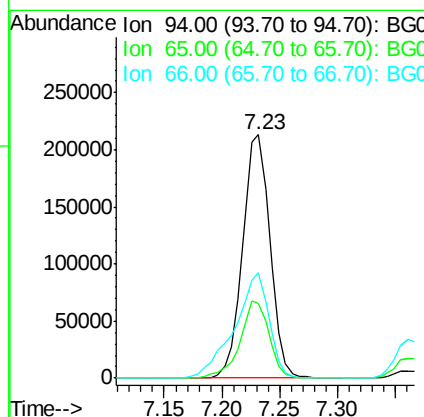
RT: 7.23 min Scan# 705

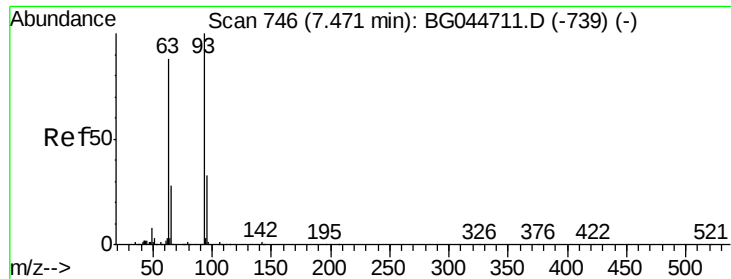
Delta R.T. 0.00 min

Lab File: BG044948.D

Acq: 25 Mar 2020 3:59

Tgt Ion:	94	Resp:	350886
Ion	Ratio	Lower	Upper
94	100		
65	30.7	11.0	51.0
66	43.0	20.1	60.1





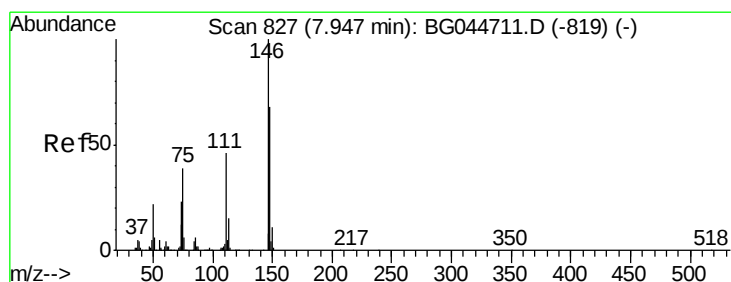
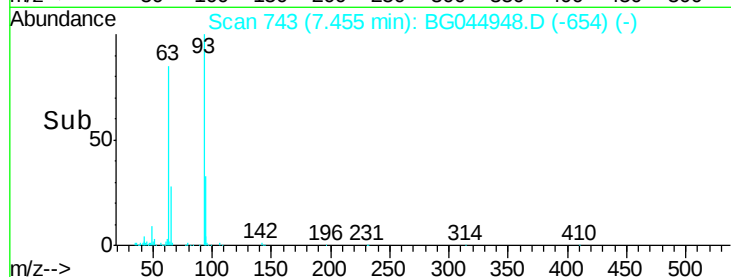
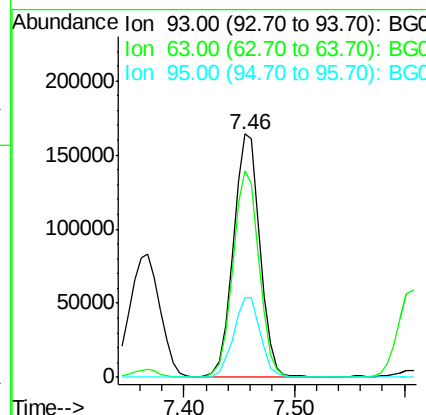
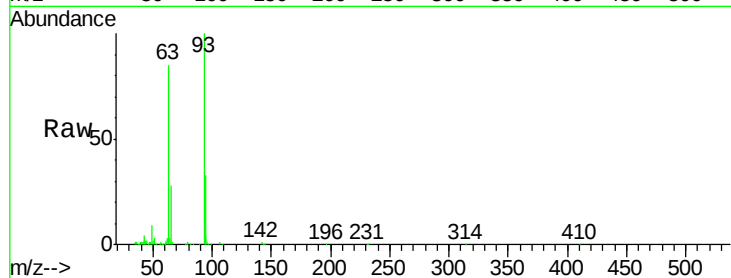
#11
bis(2-Chloroethyl)ether
Concen: 45.778 ng
RT: 7.46 min Scan# 743
Delta R.T. -0.01 min
Lab File: BG044948.D
Acq: 25 Mar 2020 3:59

Instrument :
BNA_G
ClientSampleId :
TP-4AMS

Tot Ion	Ratio	Lower	Upper
93	100		
63	84.9	59.7	99.7
95	32.6	13.1	53.1

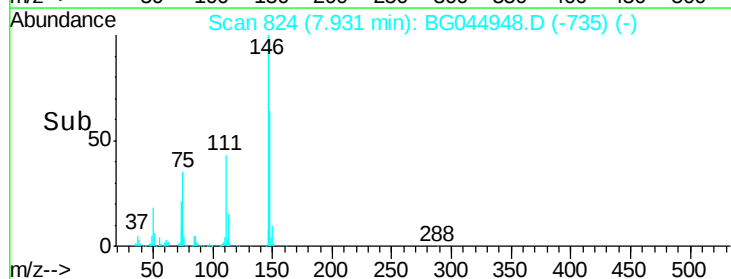
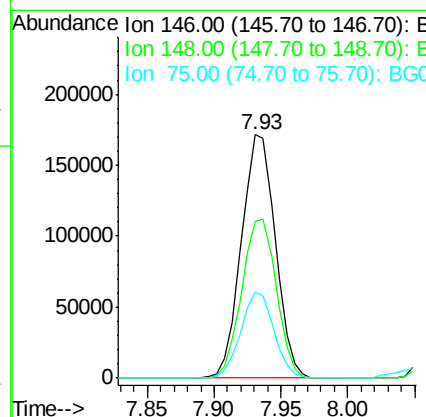
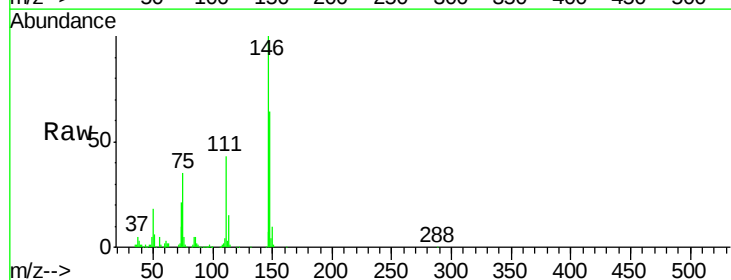
Manual Integrations
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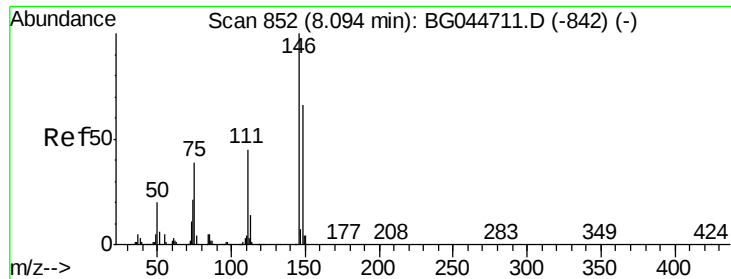
mohammad
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#12
1,3-Dichlorobenzene
Concen: 46.633 ng
RT: 7.93 min Scan# 824
Delta R.T. -0.01 min
Lab File: BG044948.D
Acq: 25 Mar 2020 3:59

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.2	54.2	81.4
75	35.4	28.6	42.8





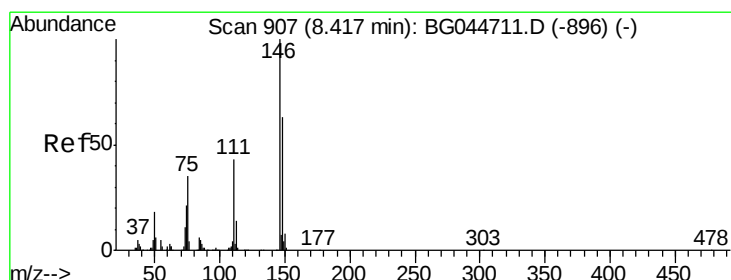
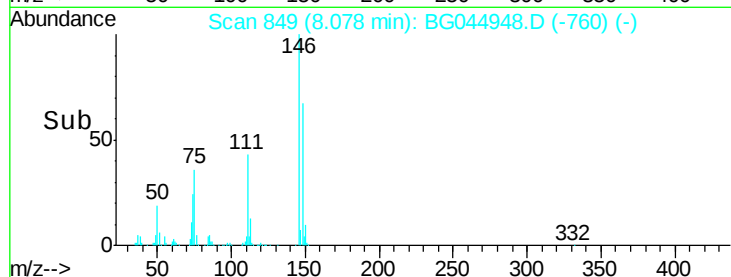
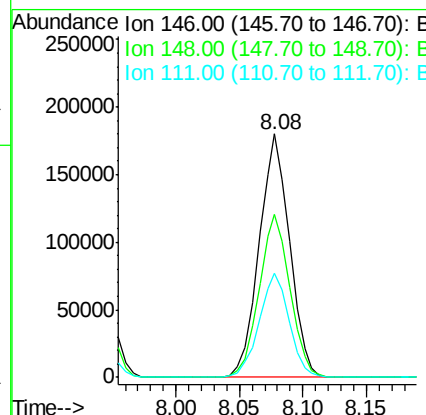
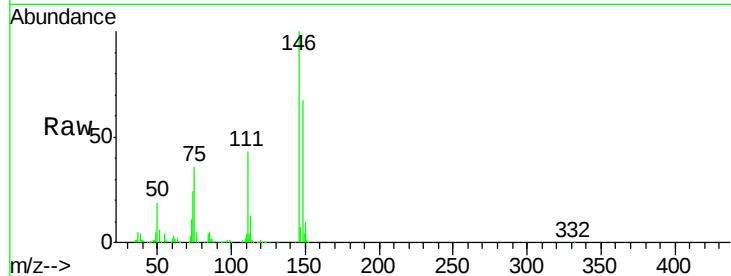
#13
1,4-Dichlorobenzene
Concen: 47.111 ng
RT: 8.08 min Scan# 849
Delta R.T. -0.01 min
Lab File: BG044948.D
Acq: 25 Mar 2020 3:59

Instrument :
BNA_G
ClientSampled :
TP-4AMS

Tot Ion	Ratio	Lower	Upper
146	100		
148	67.1	53.8	80.6
111	42.9	32.0	48.0

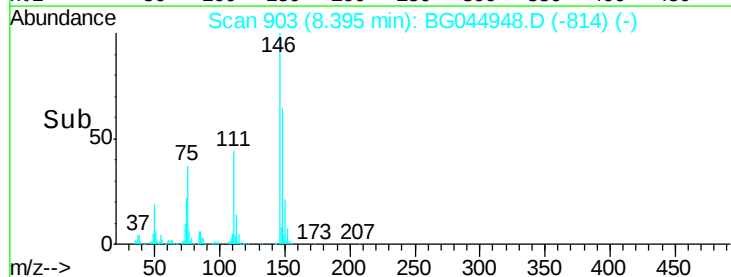
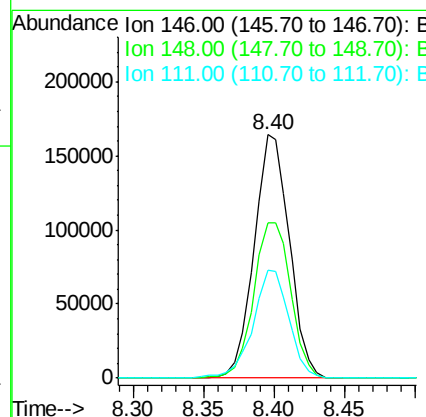
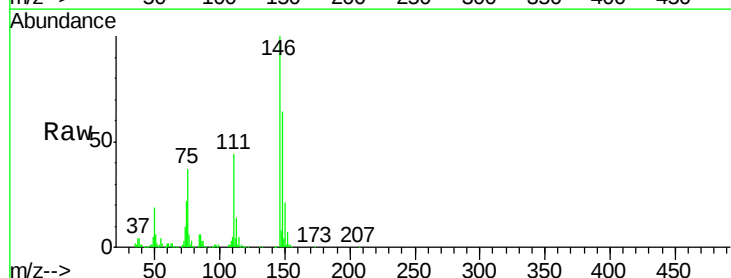
Manual Integrations
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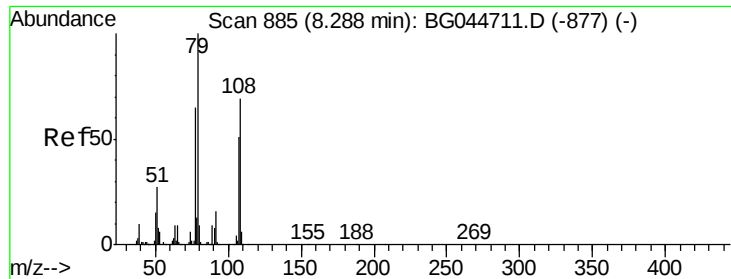
mohammad
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#14
1,2-Dichlorobenzene
Concen: 47.494 ng
RT: 8.40 min Scan# 903
Delta R.T. -0.01 min
Lab File: BG044948.D
Acq: 25 Mar 2020 3:59

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.8	52.1	78.1
111	44.4	33.4	50.2





#15

Benzyl Alcohol

Concen: 49.769 ng

RT: 8.28 min Scan# 883

Delta R.T. -0.00 min

Lab File: BG044948.D

Acq: 25 Mar 2020 3:59

Instrument :

BNA_G

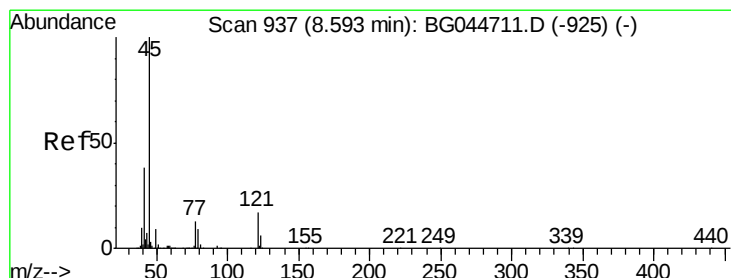
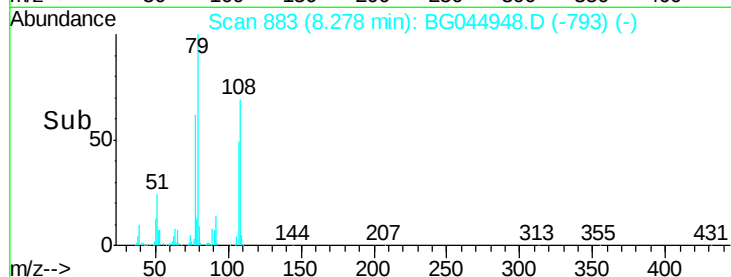
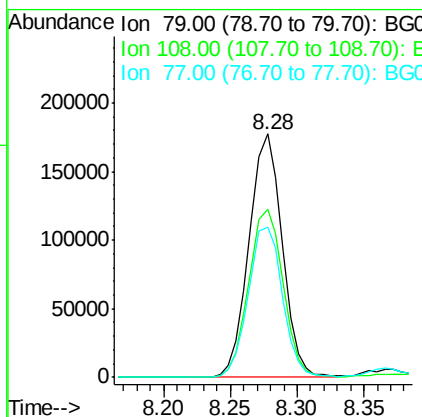
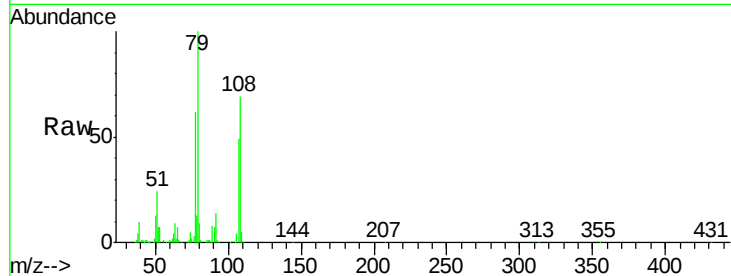
ClientSampleId :

TP-4AMS

Tot Ion:	79	Resp:	304708
Ion	Ratio	Lower	Upper
79	100		
108	69.2	53.8	80.8
77	61.6	47.8	71.8

Manual Integrations
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#16

2,2'-oxybis(1-chloropropane)

Concen: 38.899 ng

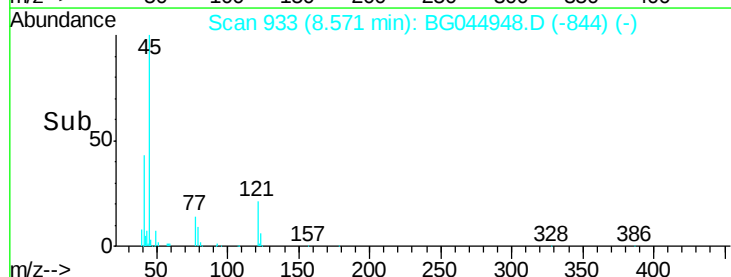
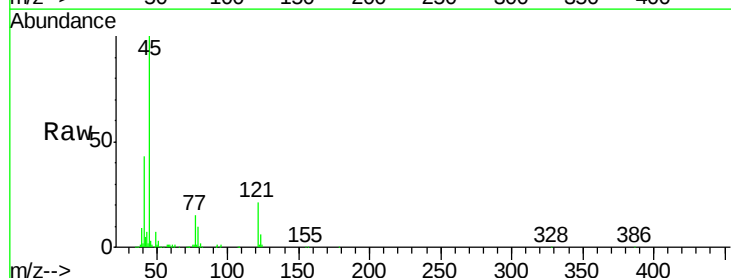
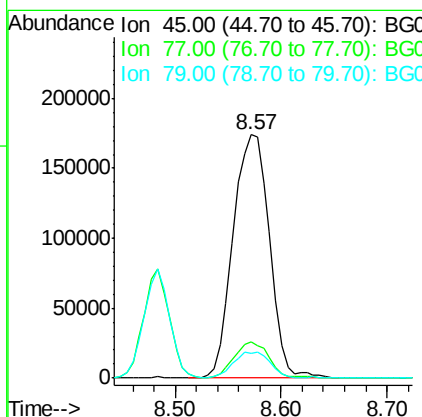
RT: 8.57 min Scan# 933

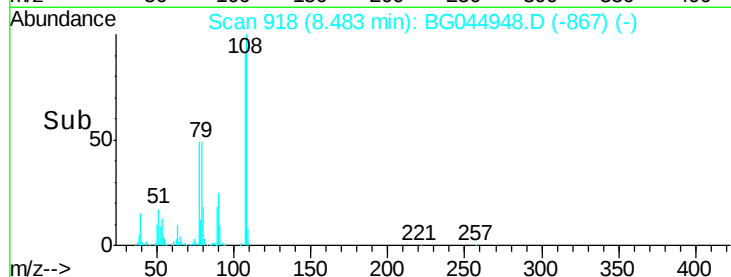
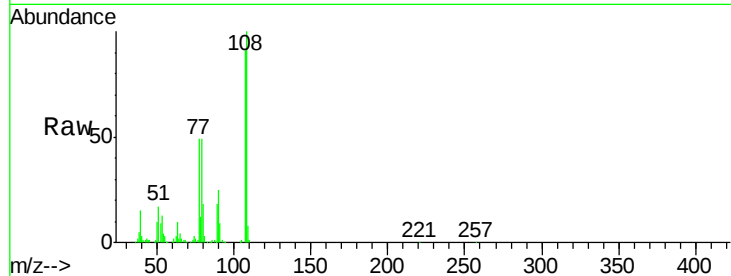
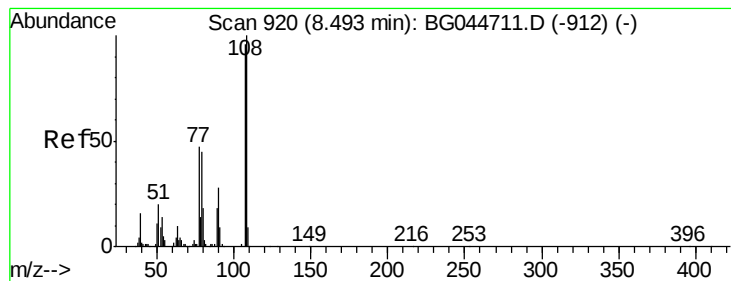
Delta R.T. -0.01 min

Lab File: BG044948.D

Acq: 25 Mar 2020 3:59

Tgt Ion:	45	Resp:	413874
Ion	Ratio	Lower	Upper
45	100		
77	14.7	0.0	33.9
79	10.1	0.0	30.8





#17

2-Methylphenol

Concen: 50.688 ng

RT: 8.48 min Scan# 918

Delta R.T. -0.00 min

Lab File: BG044948.D

Acq: 25 Mar 2020 3:59

Tot Ion	Ratio	Resp	Lower	Upper
107	100	259384		
108	109.4	91.8	137.8	
77	53.3	40.0	60.0	
79	53.4	40.2	60.2	

Instrument :

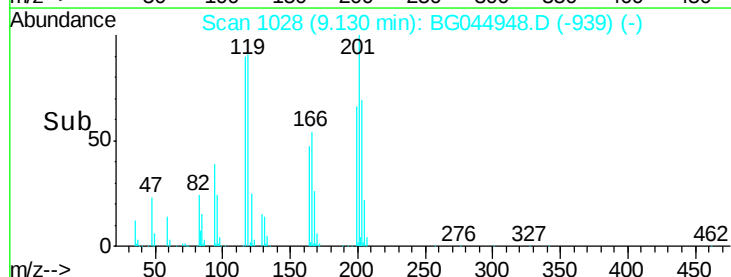
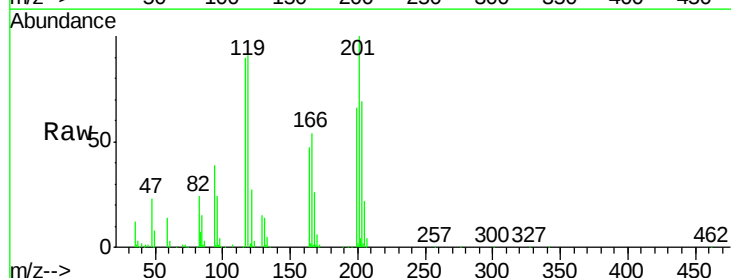
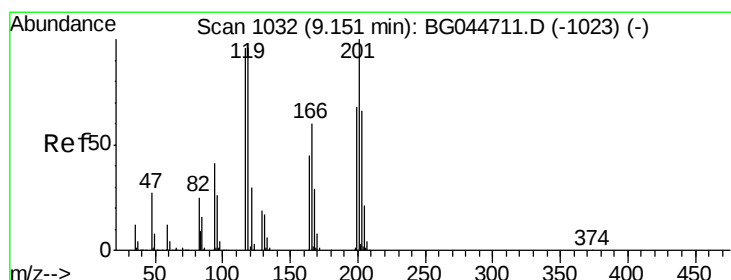
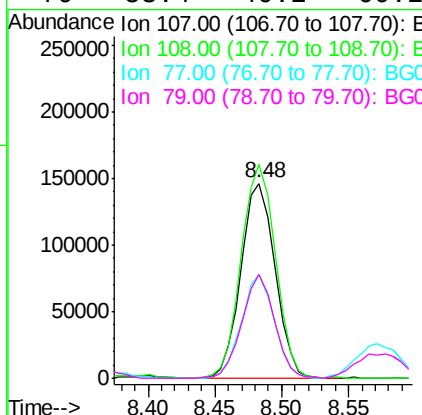
BNA_G

ClientSampleId :

TP-4AMS

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#18

Hexachloroethane

Concen: 44.316 ng

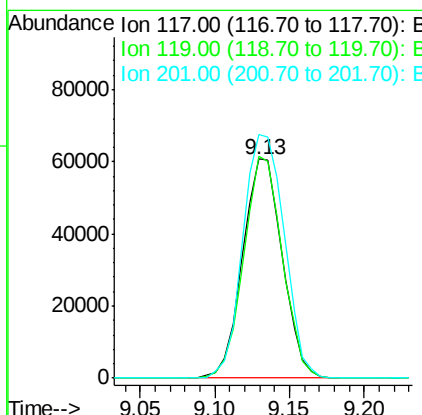
RT: 9.13 min Scan# 1028

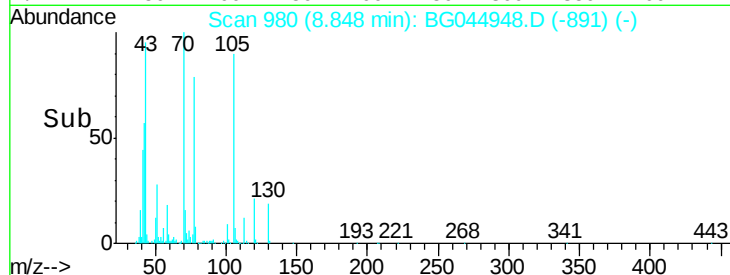
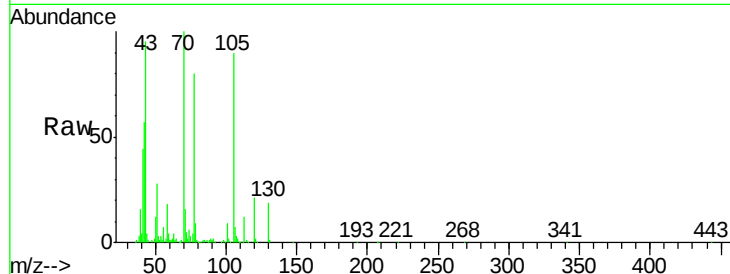
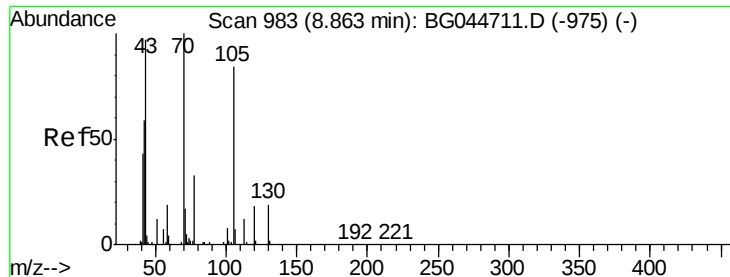
Delta R.T. -0.01 min

Lab File: BG044948.D

Acq: 25 Mar 2020 3:59

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	111397		
119	101.2	75.2	112.8	
201	111.2	81.1	121.7	





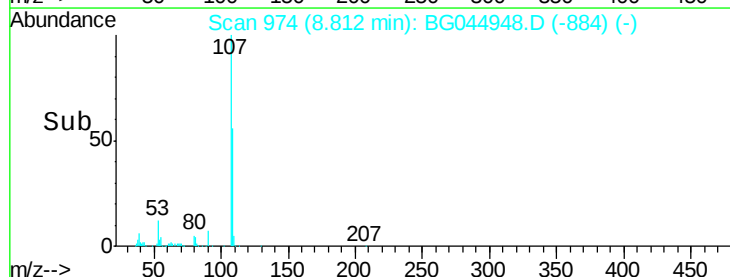
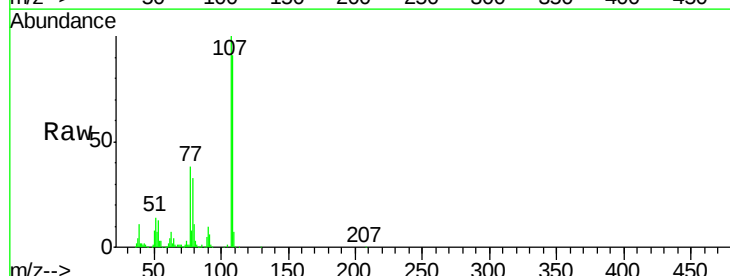
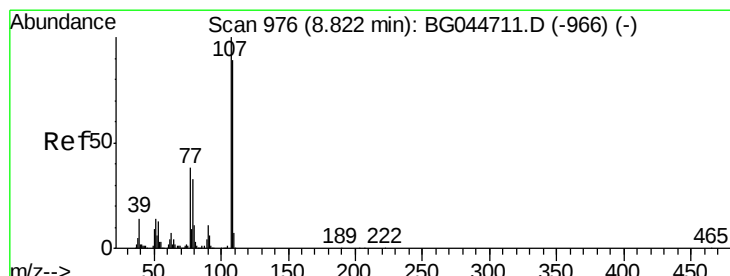
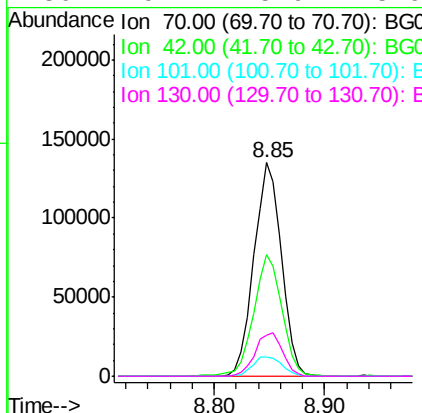
#19
n-Nitroso-di-n-propylamine
Concen: 43.791 ng
RT: 8.85 min Scan# 980
Delta R.T. -0.01 min
Lab File: BG044948.D
Acq: 25 Mar 2020 3:59

Instrument :
BNA_G
ClientSampleId :
TP-4AMS

Tot Ion	Ion	Ratio	Lower	Upper
235951	70	100		
	42	56.8	45.7	68.5
	101	9.2	7.4	11.2
	130	19.4	15.9	23.9

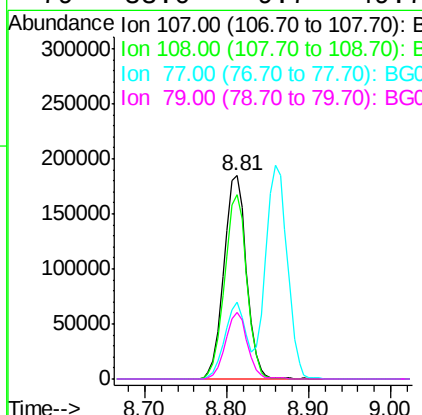
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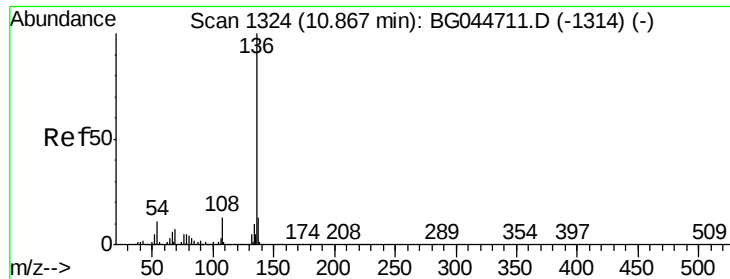
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#20
3+4-Methylphenols
Concen: 50.277 ng
RT: 8.81 min Scan# 974
Delta R.T. -0.00 min
Lab File: BG044948.D
Acq: 25 Mar 2020 3:59

Tgt Ion	Ion	Ratio	Lower	Upper
354664	107	100		
	108	90.9	71.3	111.3
	77	37.8	16.9	56.9
	79	33.0	9.7	49.7





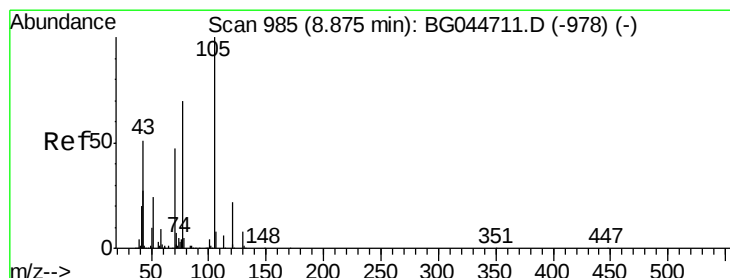
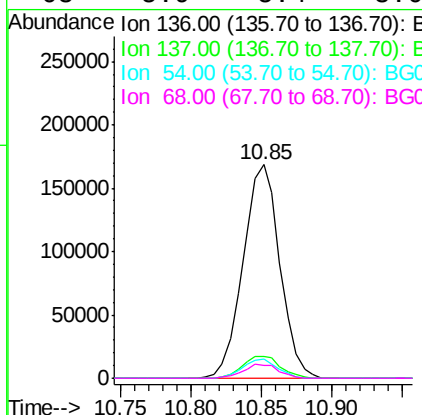
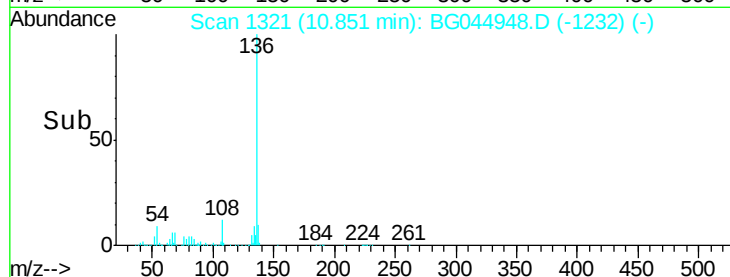
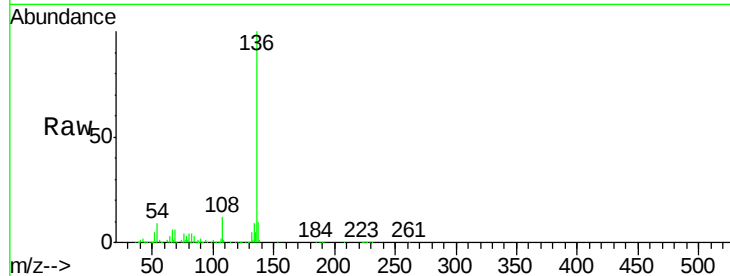
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1321
Delta R.T. -0.01 min
Lab File: BG044948.D
Acq: 25 Mar 2020 3:59

Instrument :
BNA_G
ClientSampled :
TP-4AMS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	306913		
137	10.3		9.8	14.6
54	8.8		7.9	11.9
68	5.9		5.4	8.0

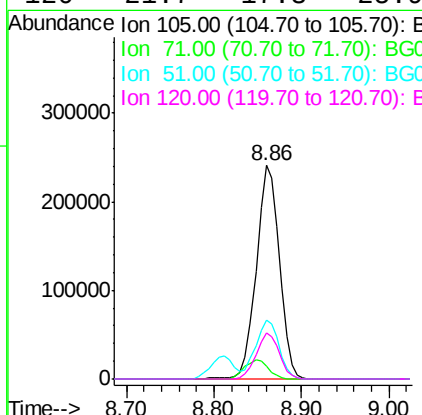
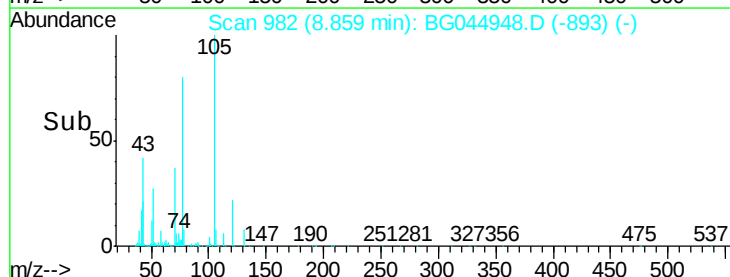
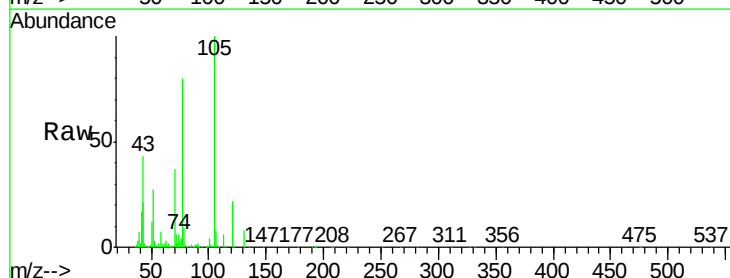
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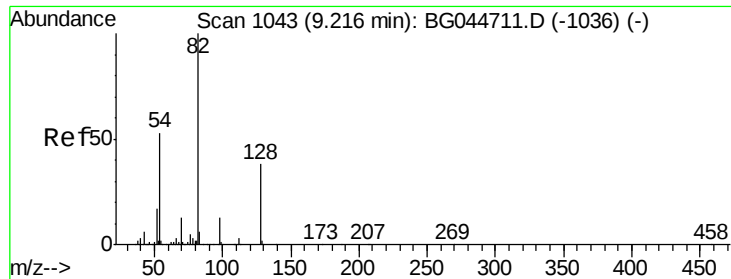
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#22
Acetophenone
Concen: 49.988 ng
RT: 8.86 min Scan# 982
Delta R.T. -0.01 min
Lab File: BG044948.D
Acq: 25 Mar 2020 3:59

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	434642		
71	5.8		3.9	5.9
51	27.4		22.6	33.8
120	21.7		17.3	25.9





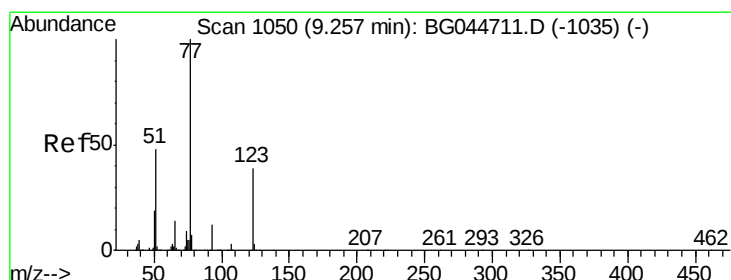
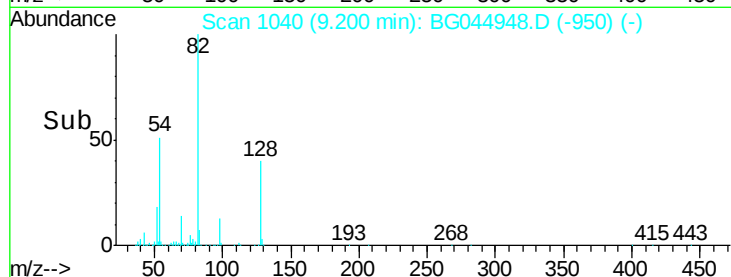
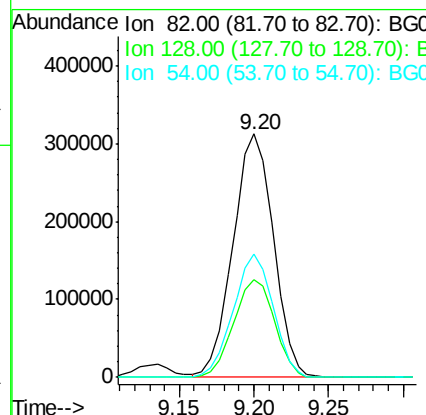
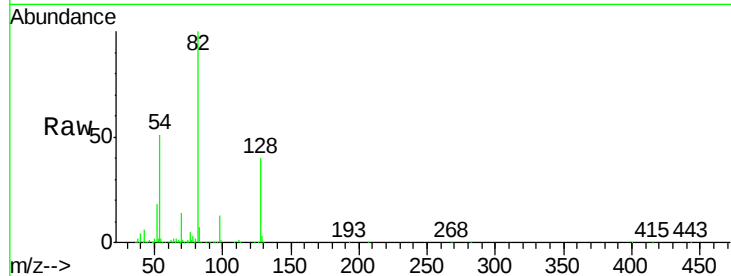
#23
 Nitrobenzene-d5
 Concen: 84.307 ng
 RT: 9.20 min Scan# 1040
 Delta R.T. -0.00 min
 Lab File: BG044948.D
 Acq: 25 Mar 2020 3:59

Instrument :
 BNA_G
 ClientSampleId :
 TP-4AMS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	40.3	30.6	46.0	
54	50.6	37.1	55.7	

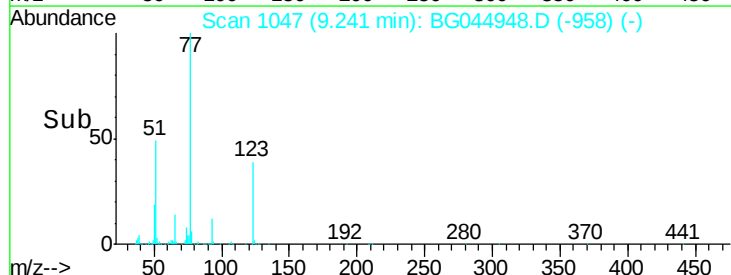
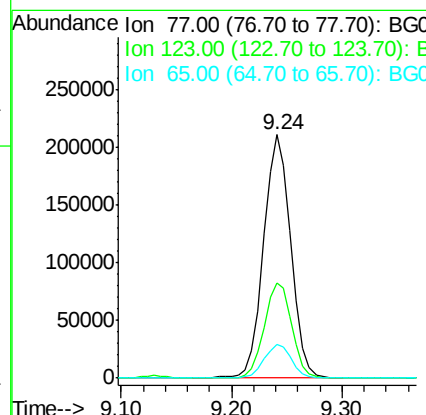
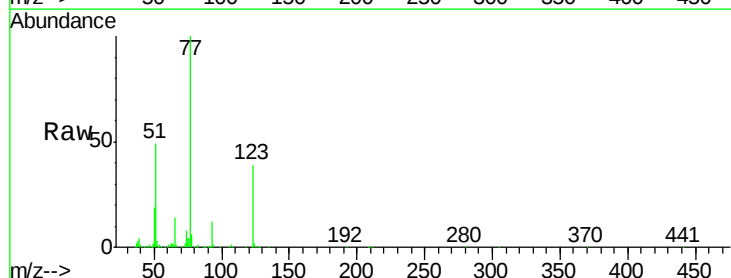
Manual Integrations
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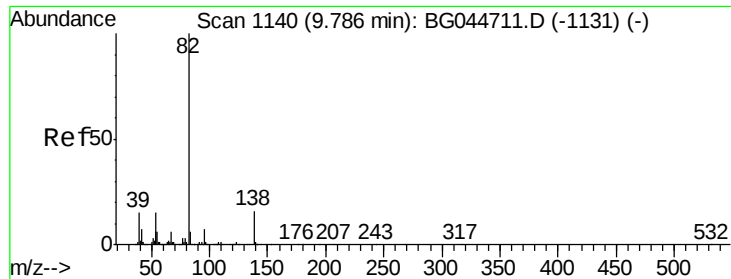
mohammad
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#24
 Nitrobenzene
 Concen: 50.022 ng
 RT: 9.24 min Scan# 1047
 Delta R.T. -0.01 min
 Lab File: BG044948.D
 Acq: 25 Mar 2020 3:59

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	38.9	31.3	46.9	
65	14.1	11.4	17.0	





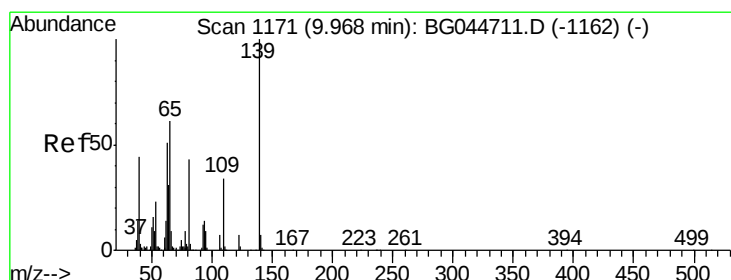
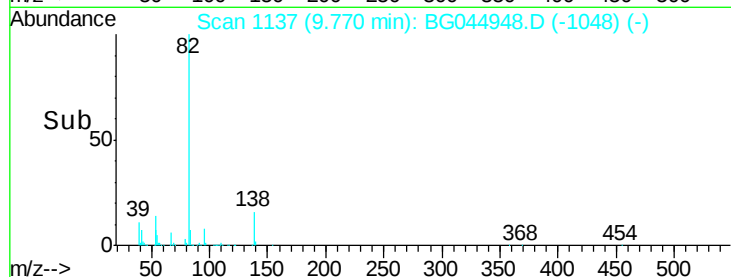
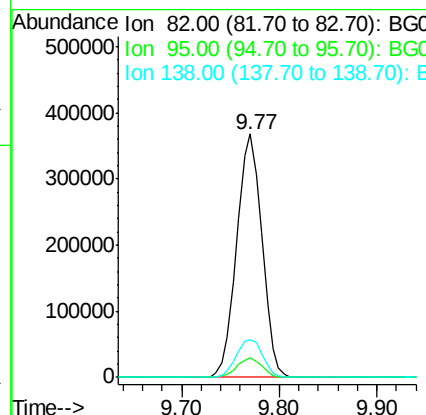
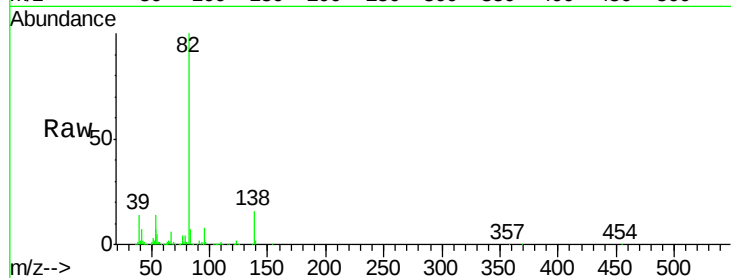
#25
Isophorone
Concen: 48.551 ng
RT: 9.77 min Scan# 1137
Delta R.T. -0.01 min
Lab File: BG044948.D
Acq: 25 Mar 2020 3:59

Instrument :
BNA_G
ClientSampleId :
TP-4AMS

Tot Ion	Ratio	Lower	Upper
82	100		
95	7.9	5.5	8.3
138	15.7	12.5	18.7

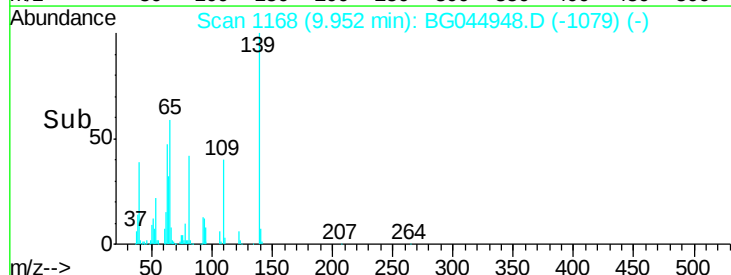
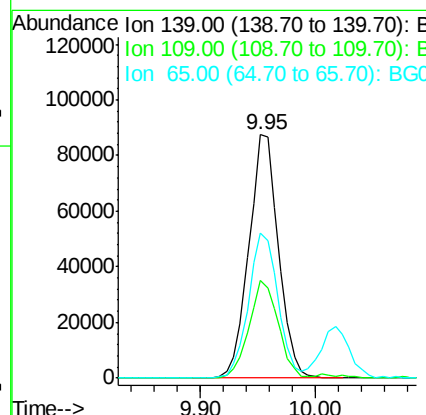
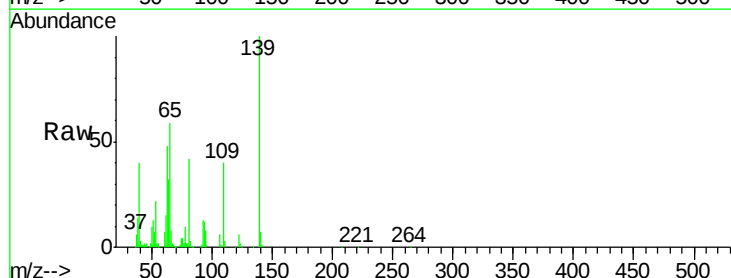
Manual Integrations
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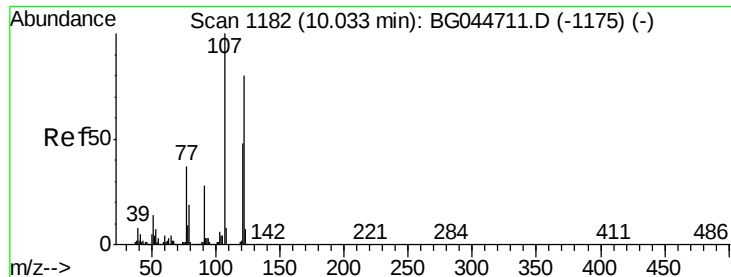
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#26
2-Nitrophenol
Concen: 60.338 ng
RT: 9.95 min Scan# 1168
Delta R.T. -0.01 min
Lab File: BG044948.D
Acq: 25 Mar 2020 3:59

Tgt Ion	Ratio	Lower	Upper
139	100		
109	40.2	30.2	45.4
65	59.5	46.3	69.5





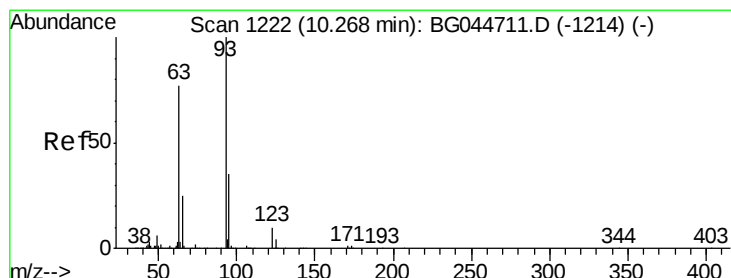
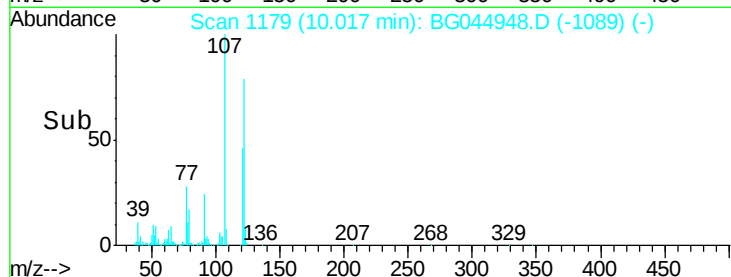
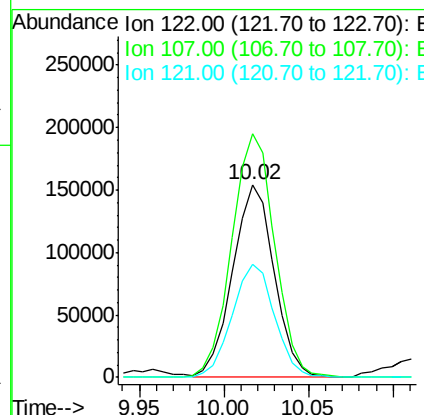
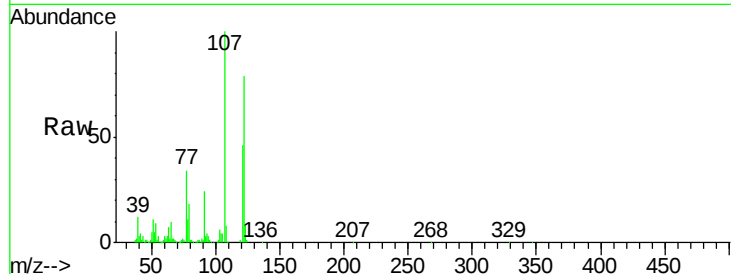
#27
2,4-Dimethylphenol
Concen: 59.203 ng
RT: 10.02 min Scan# 1179
Delta R.T. -0.00 min
Lab File: BG044948.D
Acq: 25 Mar 2020 3:59

Instrument :
BNA_G
ClientSampled :
TP-4AMS

Tot Ion	Ratio	Lower	Upper
122	100		
107	126.4	107.1	160.7
121	58.4	46.8	70.2

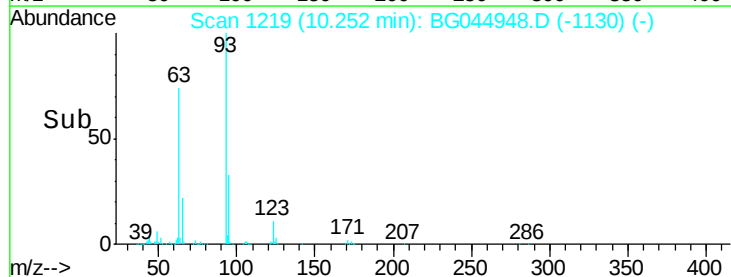
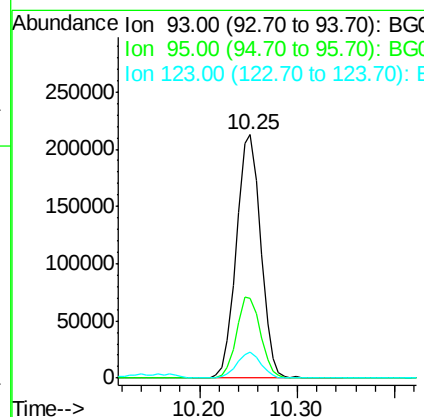
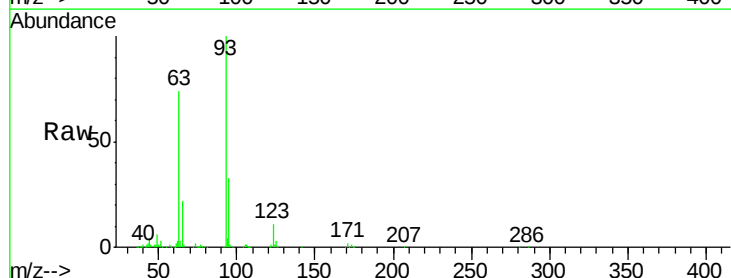
Manual Integrations
APPROVED

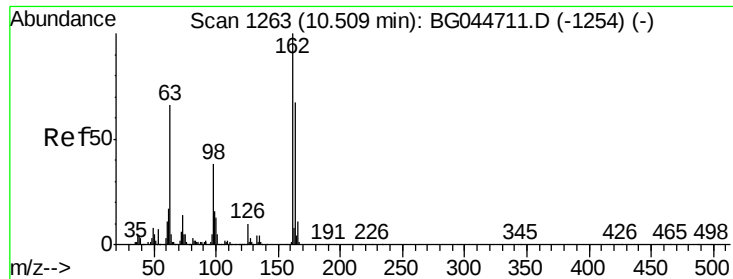
mohammad
3/25/2020 12:27:52 PM



#28
bis(2-Chloroethoxy)methane
Concen: 45.204 ng
RT: 10.25 min Scan# 1219
Delta R.T. -0.01 min
Lab File: BG044948.D
Acq: 25 Mar 2020 3:59

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.7	26.4	39.6
123	10.5	8.4	12.6





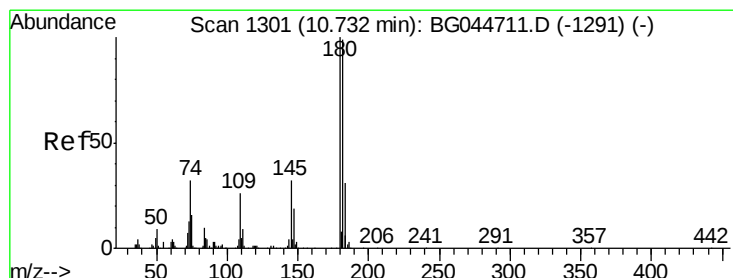
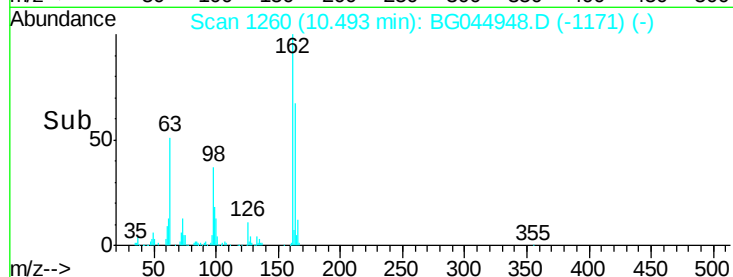
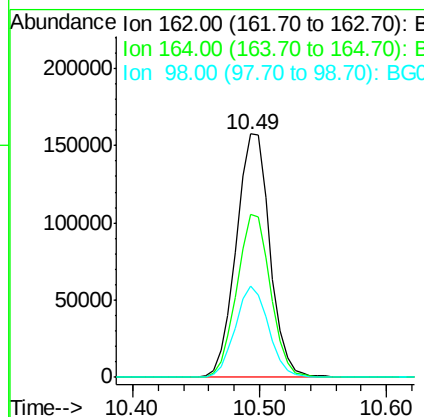
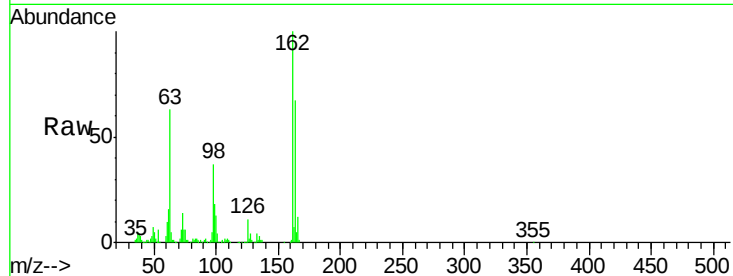
#29
2,4-Dichlorophenol
Concen: 55.880 ng
RT: 10.49 min Scan# 1260
Delta R.T. -0.01 min
Lab File: BG044948.D
Acq: 25 Mar 2020 3:59

Instrument :
BNA_G
ClientSampleId :
TP-4AMS

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	67.1	45.2	85.2
98	37.3	19.0	59.0

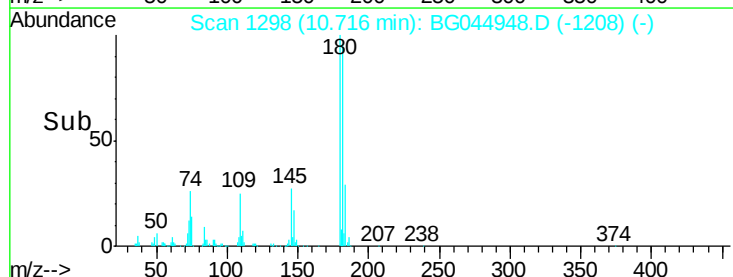
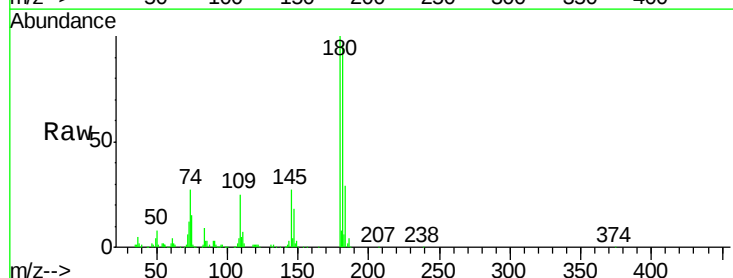
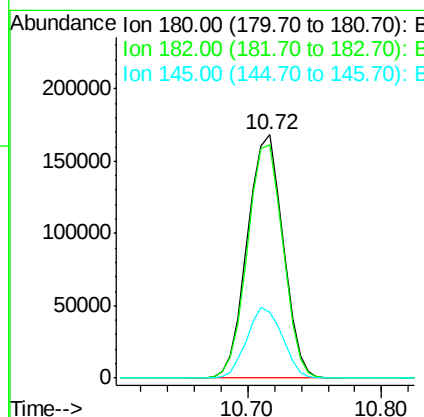
Manual Integrations
APPROVED

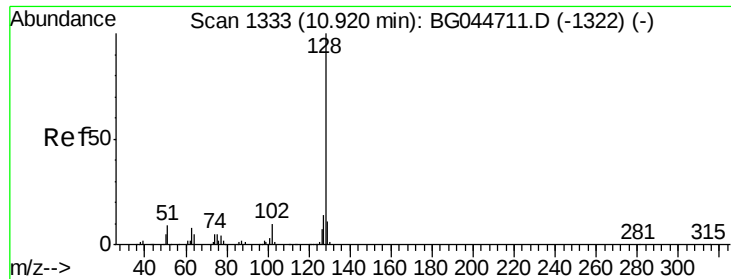
mohammad
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#30
1,2,4-Trichlorobenzene
Concen: 50.105 ng
RT: 10.72 min Scan# 1298
Delta R.T. -0.00 min
Lab File: BG044948.D
Acq: 25 Mar 2020 3:59

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	96.0	71.6	107.4
145	26.9	23.4	35.0





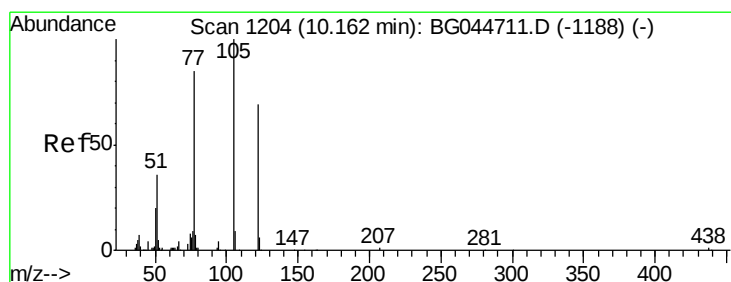
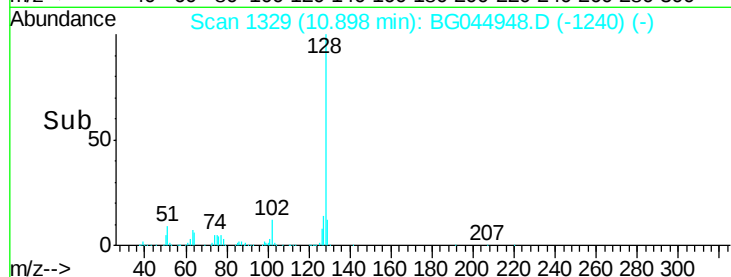
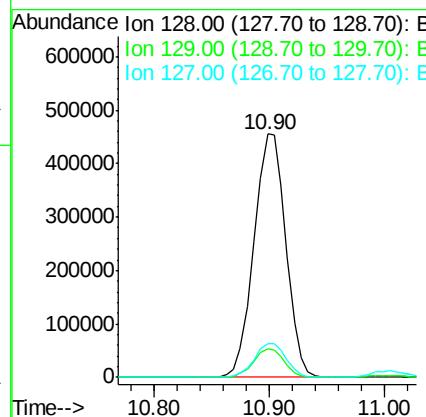
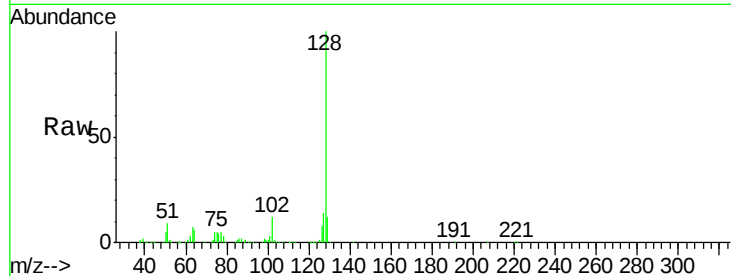
#31
Naphthalene
Concen: 51.509 ng
RT: 10.90 min Scan# 1329
Delta R.T. -0.01 min
Lab File: BG044948.D
Acq: 25 Mar 2020 3:59

Instrument :
BNA_G
ClientSampleId :
TP-4AMS

Tot Ion	Ratio	Resp	Lower	Upper
128	100			
129	11.5	9.0	13.4	
127	13.7	10.8	16.2	

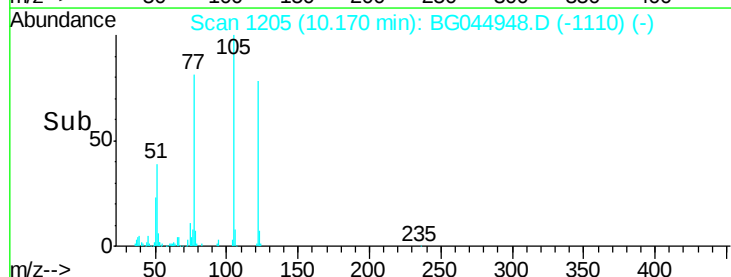
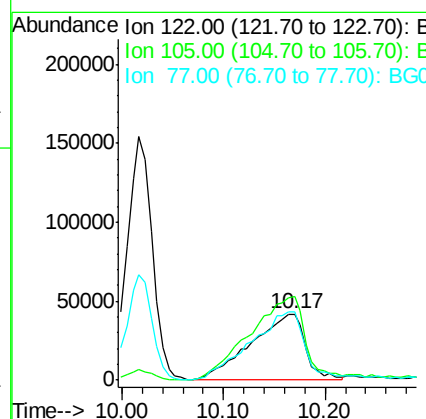
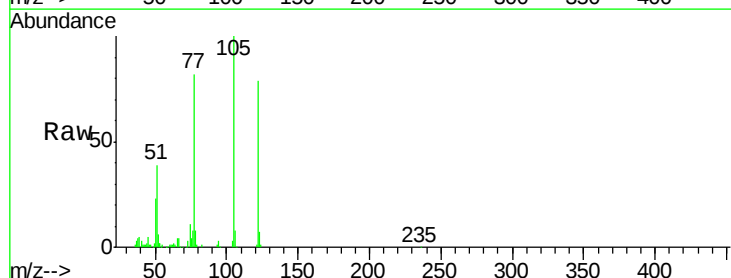
Manual Integrations
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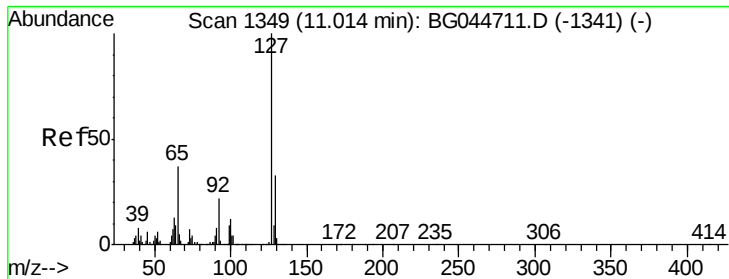
mohammad
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#32
Benzoic acid
Concen: 45.139 ng
RT: 10.17 min Scan# 1205
Delta R.T. 0.03 min
Lab File: BG044948.D
Acq: 25 Mar 2020 3:59

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	127.1	109.1	149.1	
77	104.1	85.3	125.3	





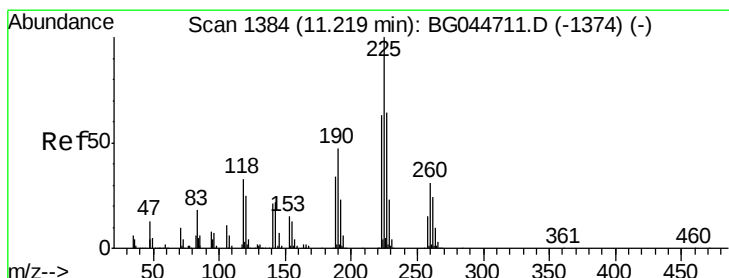
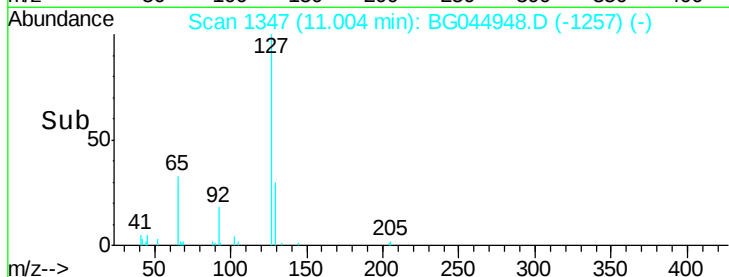
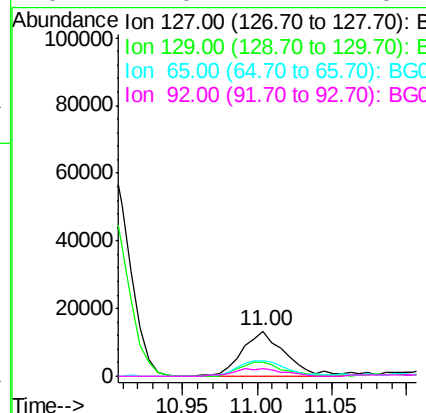
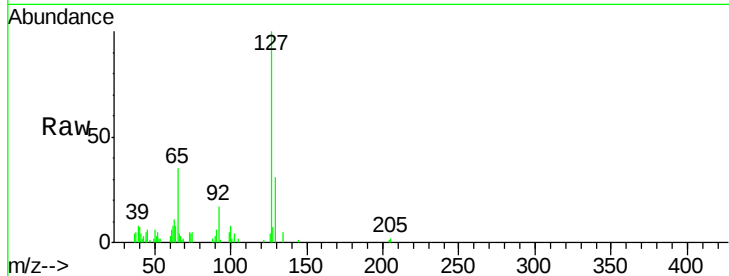
#33
4-Chloroaniline
Concen: 3.500 ng
RT: 11.00 min Scan# 1347
Delta R.T. -0.00 min
Lab File: BG044948.D
Acq: 25 Mar 2020 3:59

Instrument :
BNA_G
ClientSampleId :
TP-4AMS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	31.2	26.9	40.3	
65	34.7	27.7	41.5	
92	17.0	17.4	26.2	

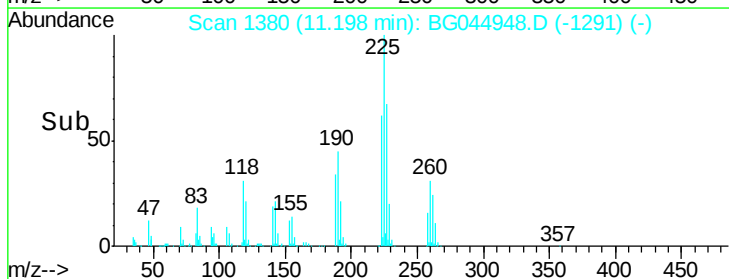
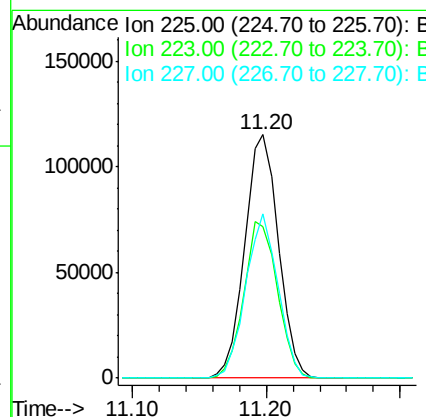
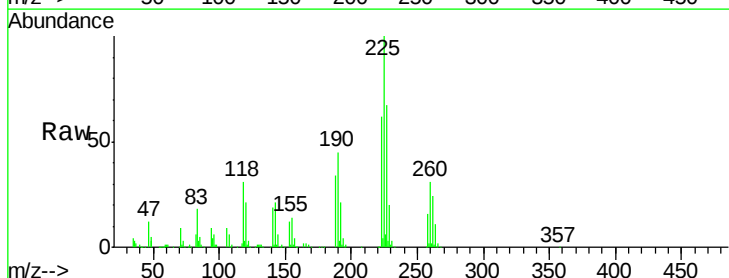
Manual Integrations
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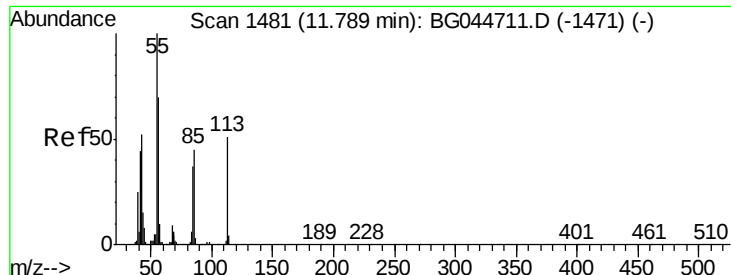
mohammad
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#34
Hexachlorobutadiene
Concen: 49.039 ng
RT: 11.20 min Scan# 1380
Delta R.T. -0.01 min
Lab File: BG044948.D
Acq: 25 Mar 2020 3:59

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.0	47.4	71.0	
227	67.2	50.8	76.2	





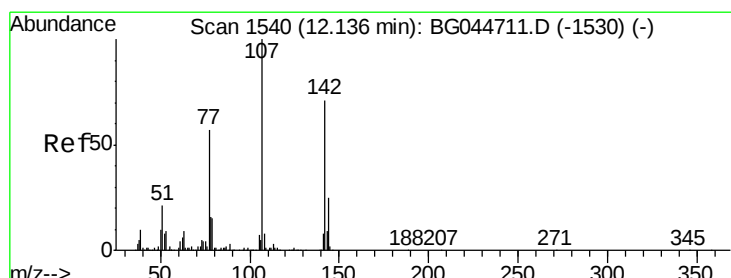
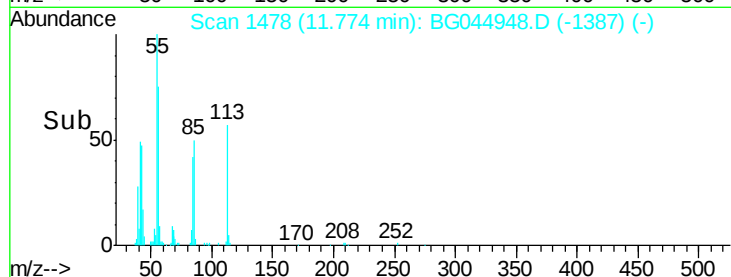
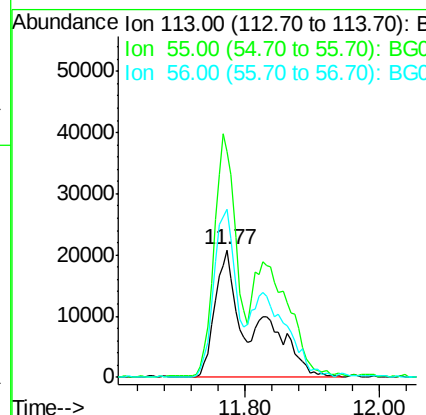
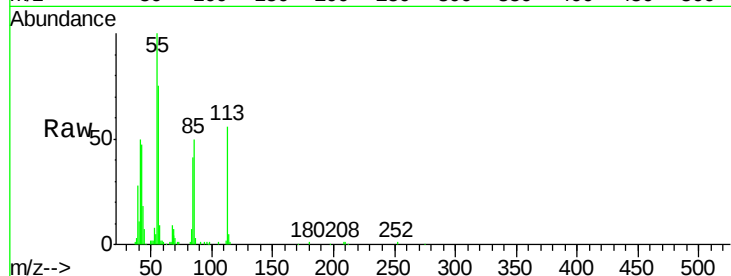
#35
Caprolactam
Concen: 41.579 ng/ml
RT: 11.77 min Scan# 1478
Delta R.T. 0.00 min
Lab File: BG044948.D
Acq: 25 Mar 2020 3:59

Instrument :
BNA_G
ClientSampleId :
TP-4AMS

Tot Ion	Ratio	Lower	Upper
113	100		
55	177.6	173.8	213.8
56	132.5	113.8	153.8

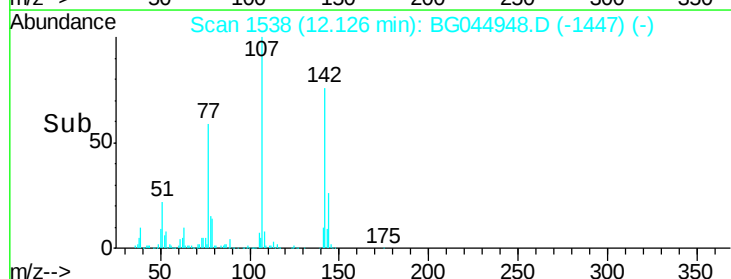
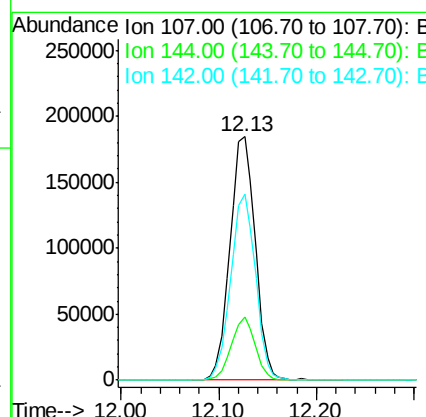
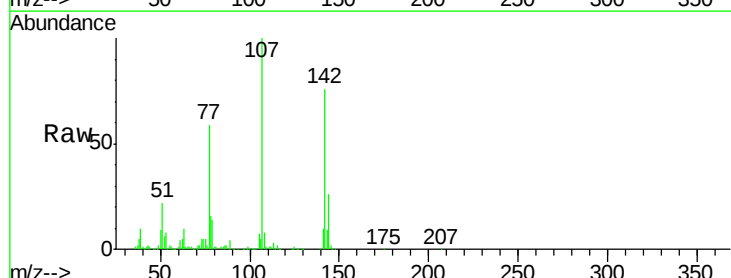
Manual Integrations
APPROVED

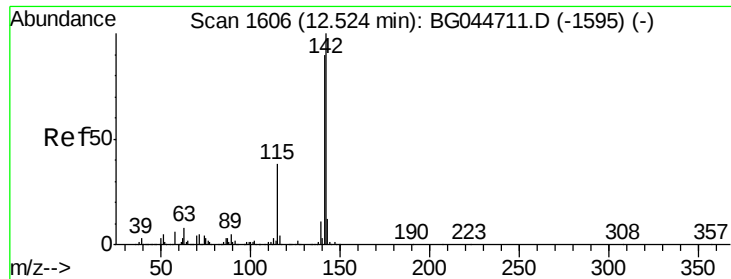
mohammad
3/25/2020 12:27:52 PM



#36
4-Chloro-3-methylphenol
Concen: 53.775 ng/ml
RT: 12.13 min Scan# 1538
Delta R.T. 0.00 min
Lab File: BG044948.D
Acq: 25 Mar 2020 3:59

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.9	18.0	27.0
142	76.4	59.0	88.4





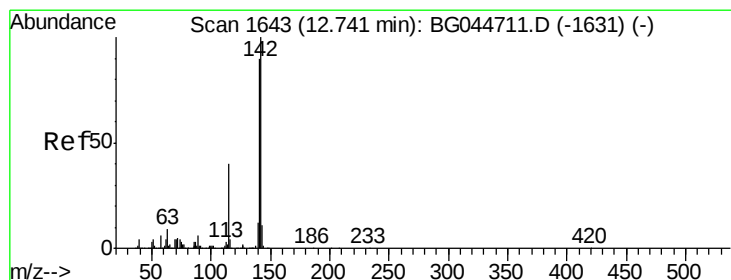
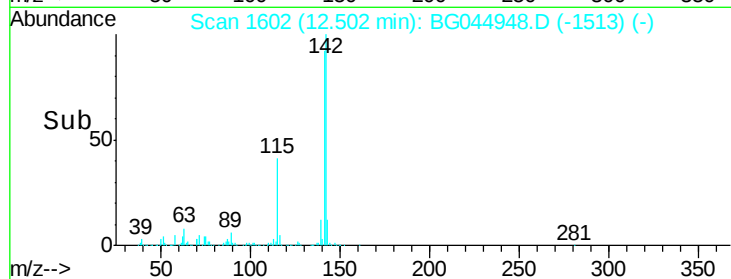
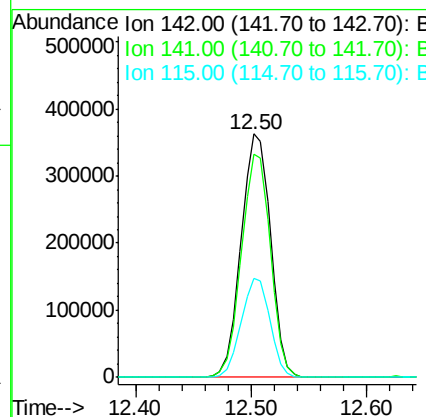
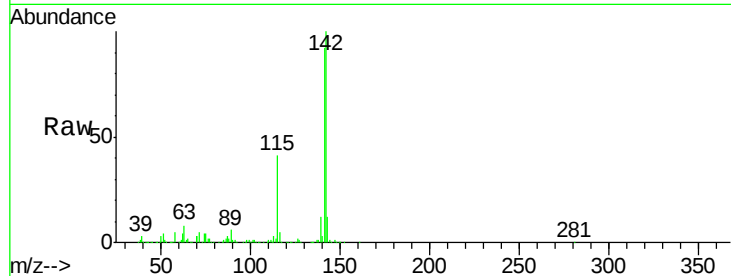
#37
2-Methylnaphthalene
Concen: 50.282 ng
RT: 12.50 min Scan# 1602
Delta R.T. -0.01 min
Lab File: BG044948.D
Acq: 25 Mar 2020 3:59

Instrument :
BNA_G
ClientSampleId :
TP-4AMS

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.5	75.1	112.7
115	40.6	30.6	46.0

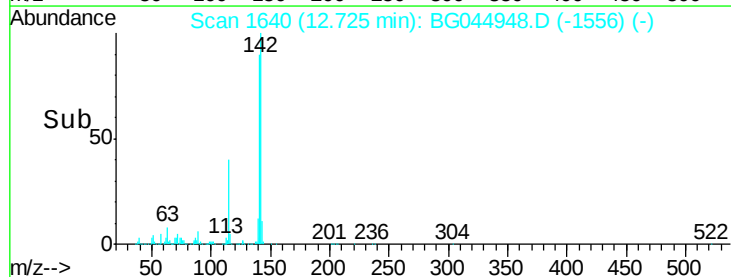
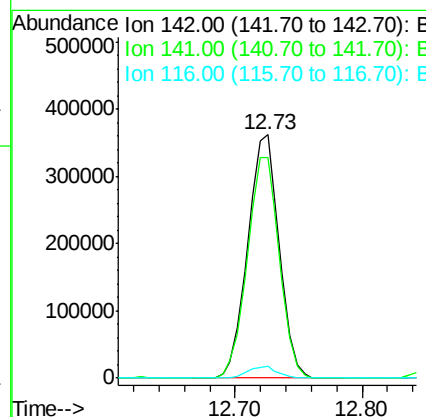
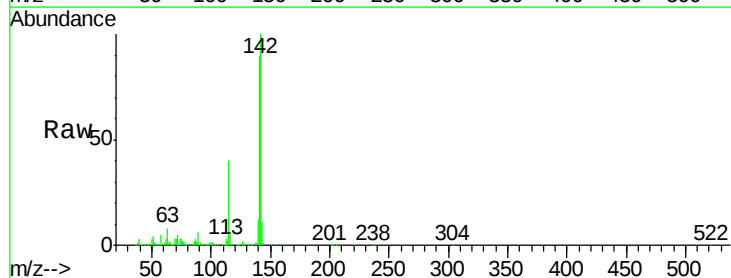
Manual Integrations
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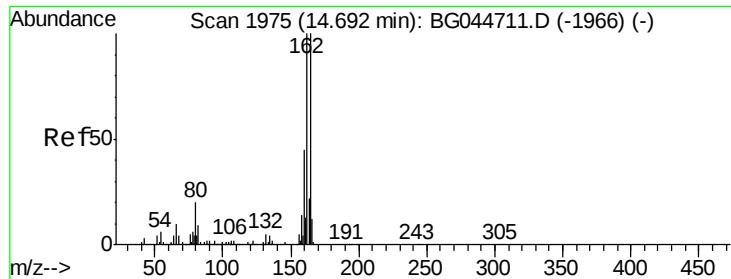
mohammad
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#38
1-Methylnaphthalene
Concen: 52.016 ng
RT: 12.73 min Scan# 1640
Delta R.T. -0.01 min
Lab File: BG044948.D
Acq: 25 Mar 2020 3:59

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.4	74.7	112.1
116	4.8	3.3	4.9





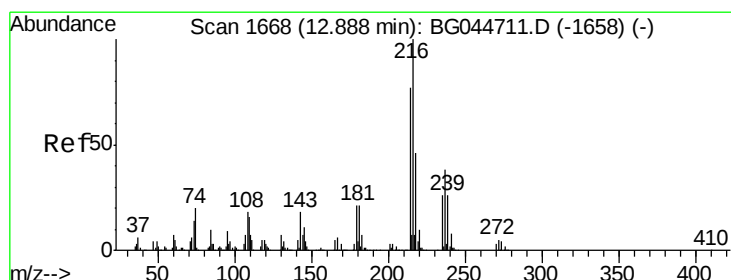
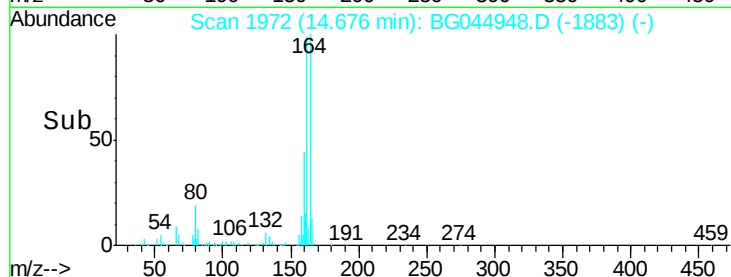
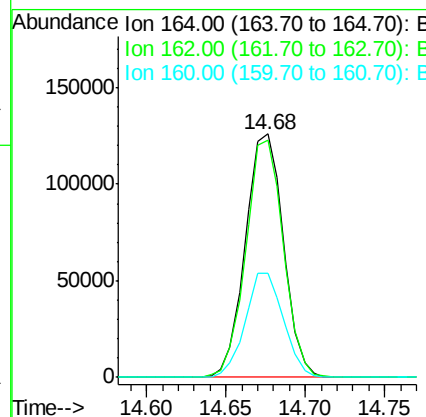
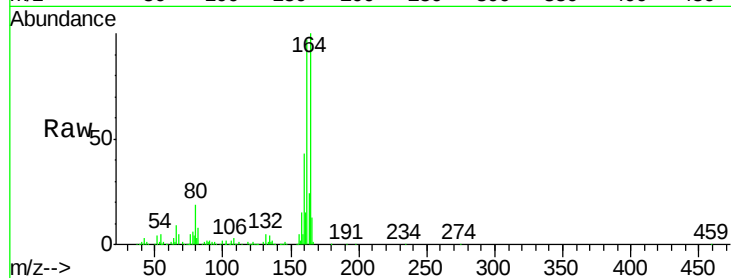
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1972
Delta R.T. -0.01 min
Lab File: BG044948.D
Acq: 25 Mar 2020 3:59

Instrument :
BNA_G
ClientSampleId :
TP-4AMS

Tot Ion	Ratio	Lower	Upper
164	100		
162	97.3	76.7	115.1
160	42.9	35.0	52.4

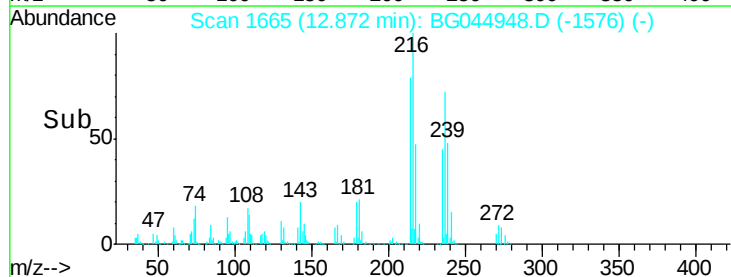
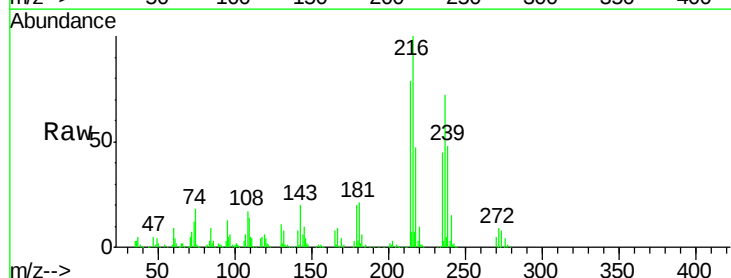
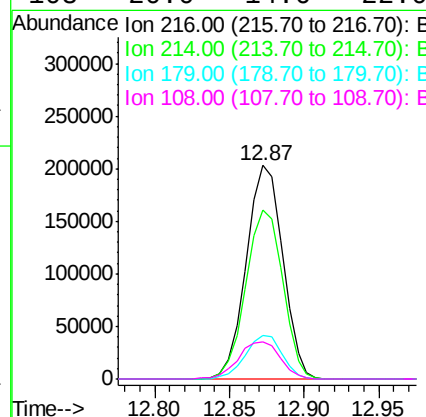
Manual Integrations
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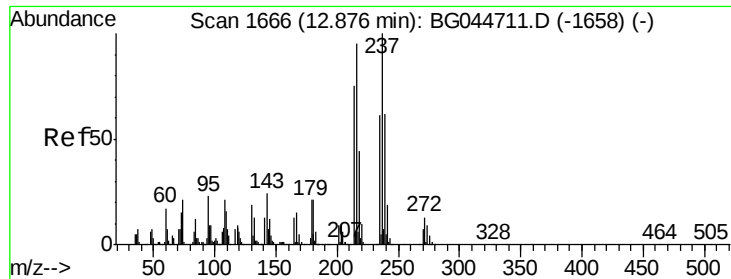
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 49.844 ng
RT: 12.87 min Scan# 1665
Delta R.T. -0.01 min
Lab File: BG044948.D
Acq: 25 Mar 2020 3:59

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.7	63.8	95.6
179	20.6	16.2	24.2
108	20.0	14.6	22.0





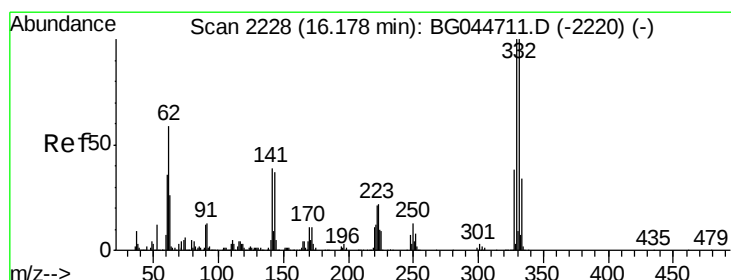
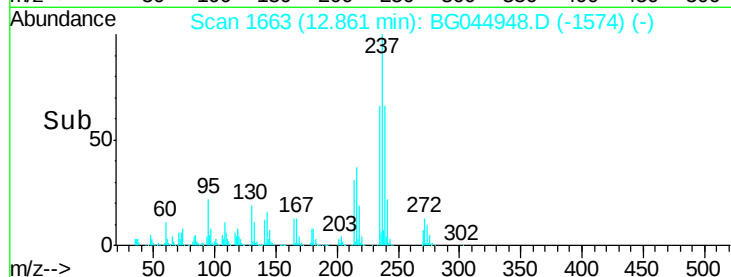
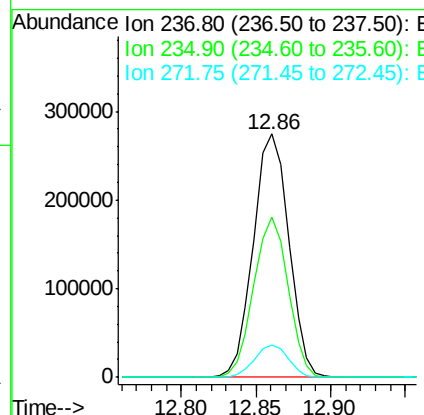
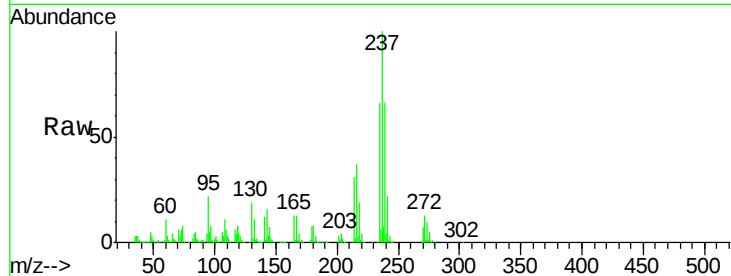
#41
Hexachlorocyclopentadiene
Concen: 119.462 ng
RT: 12.86 min Scan# 1663
Delta R.T. -0.01 min
Lab File: BG044948.D
Acq: 25 Mar 2020 3:59

Instrument :
BNA_G
ClientSampleId :
TP-4AMS

Tot Ion	Ratio	Resp Lower	Resp Upper
237	100		
235	65.9	42.9	82.9
272	13.3	0.0	31.6

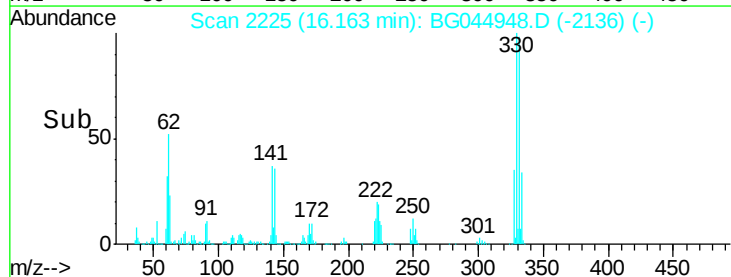
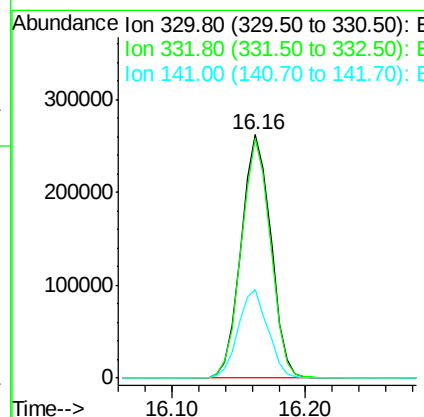
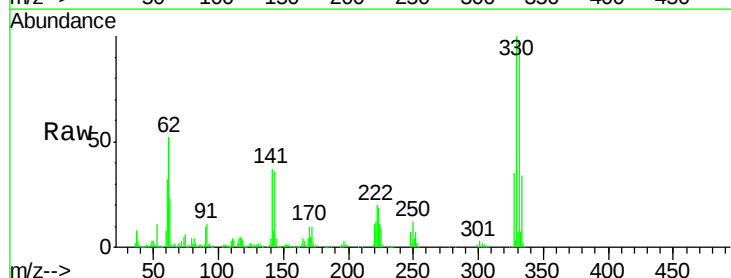
Manual Integrations
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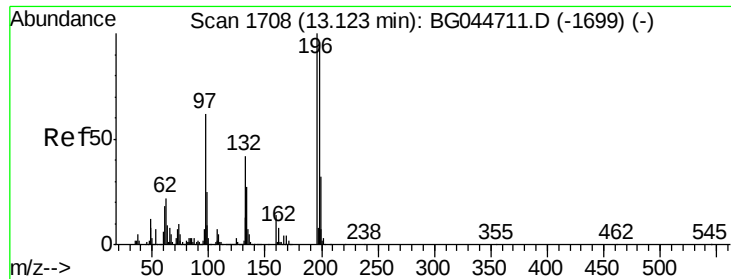
mohammad
3/25/2020 12:27:52 PM



#42
2,4,6-Tribromophenol
Concen: 147.337 ng
RT: 16.16 min Scan# 2225
Delta R.T. -0.01 min
Lab File: BG044948.D
Acq: 25 Mar 2020 3:59

Tgt Ion	Ratio	Resp Lower	Resp Upper
330	100		
332	96.6	77.8	116.6
141	36.6	29.5	44.3





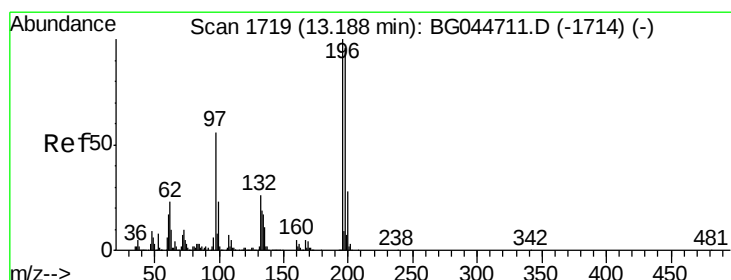
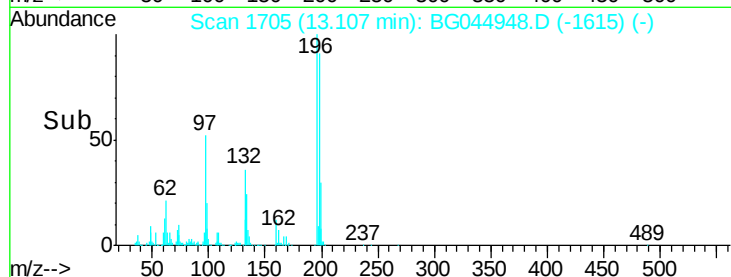
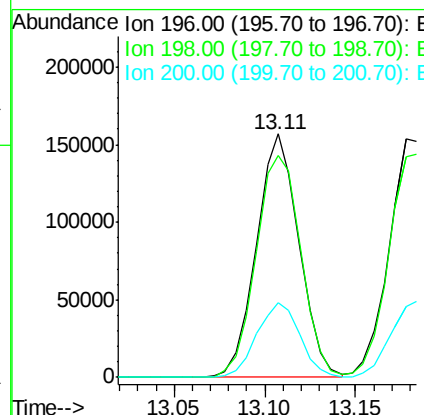
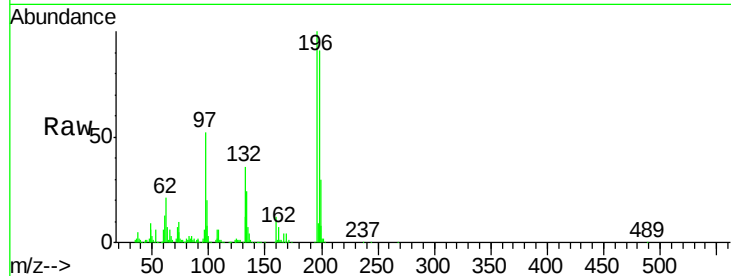
#43
 2,4,6-Trichlorophenol
 Concen: 55.685 ng
 RT: 13.11 min Scan# 1705
 Delta R.T. -0.00 min
 Lab File: BG044948.D
 Acq: 25 Mar 2020 3:59

Instrument :
 BNA_G
 ClientSampleId :
 TP-4AMS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	255197		
198	91.2	74.9	112.3	
200	30.5	25.8	38.6	

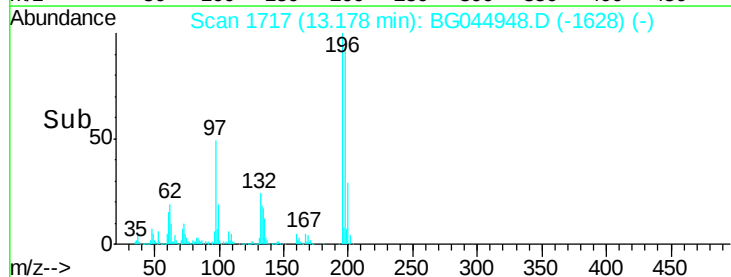
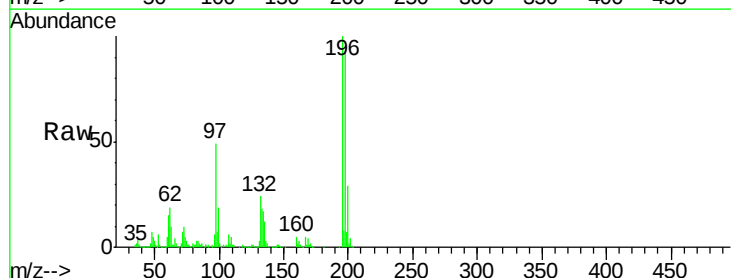
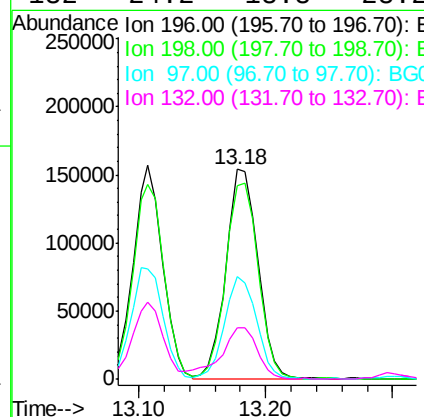
Manual Integrations
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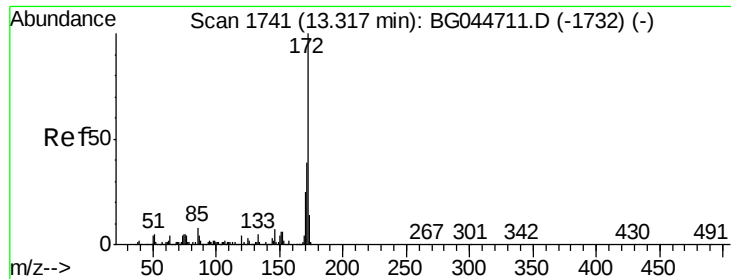
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 56.497 ng
 RT: 13.18 min Scan# 1717
 Delta R.T. -0.01 min
 Lab File: BG044948.D
 Acq: 25 Mar 2020 3:59

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	268512		
198	92.3	74.2	111.4	
97	49.0	36.7	55.1	
132	24.2	18.8	28.2	





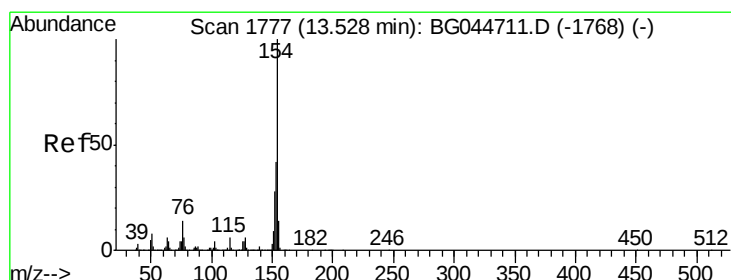
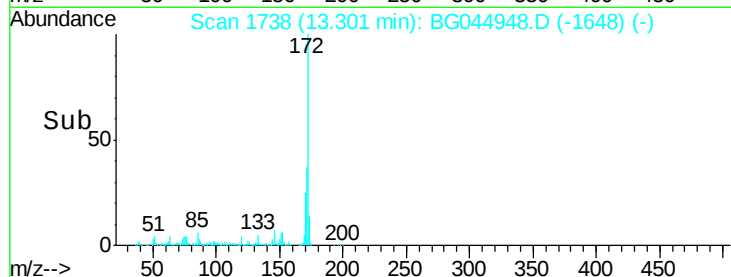
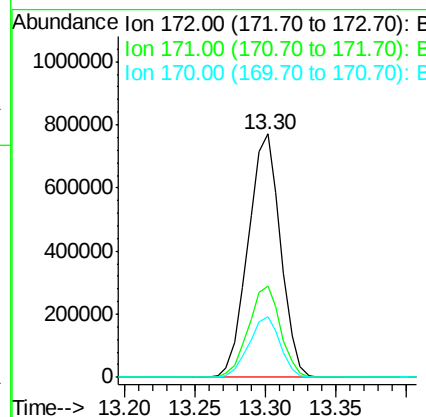
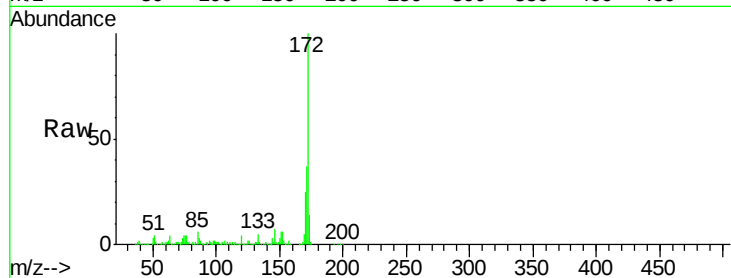
#45
2-Fluorobiphenyl
Concen: 84.876 ng
RT: 13.30 min Scan# 1738
Delta R.T. -0.00 min
Lab File: BG044948.D
Acq: 25 Mar 2020 3:59

Instrument :
BNA_G
ClientSampleId :
TP-4AMS

Tot Ion:172 Resp: 1242776
Ion Ratio Lower Upper
172 100
171 37.3 28.7 43.1
170 25.1 19.0 28.6

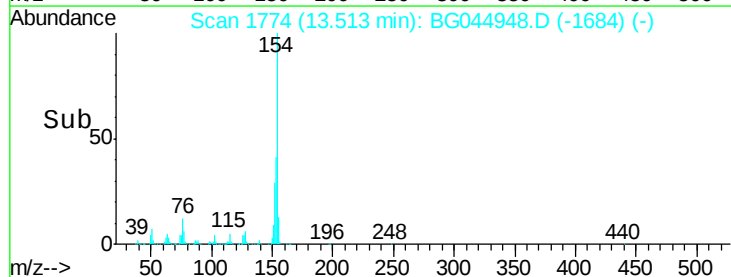
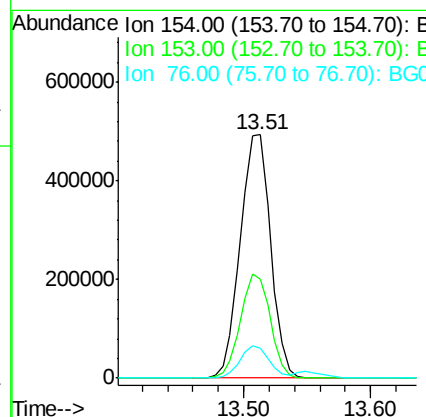
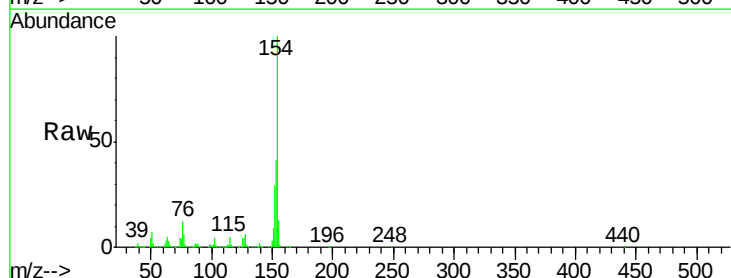
Manual Integrations
APPROVED

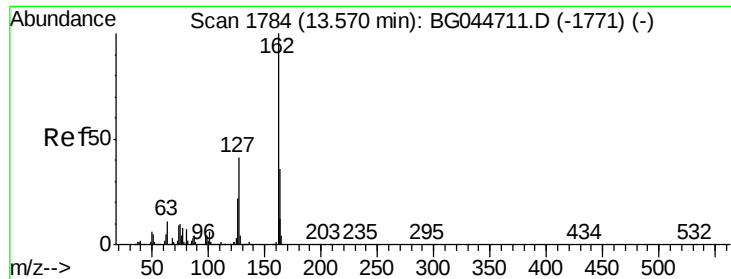
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#46
1,1'-Biphenyl
Concen: 48.670 ng
RT: 13.51 min Scan# 1774
Delta R.T. -0.00 min
Lab File: BG044948.D
Acq: 25 Mar 2020 3:59

Tgt Ion:154 Resp: 815523
Ion Ratio Lower Upper
154 100
153 40.7 22.9 62.9
76 12.2 0.0 34.6





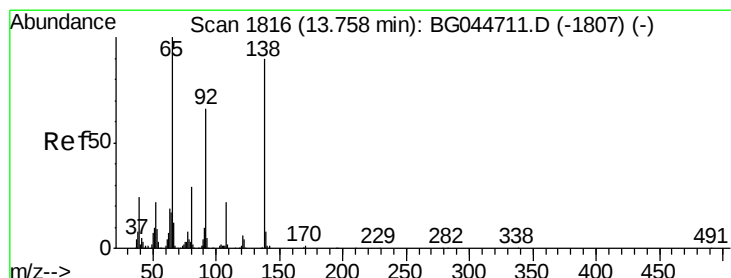
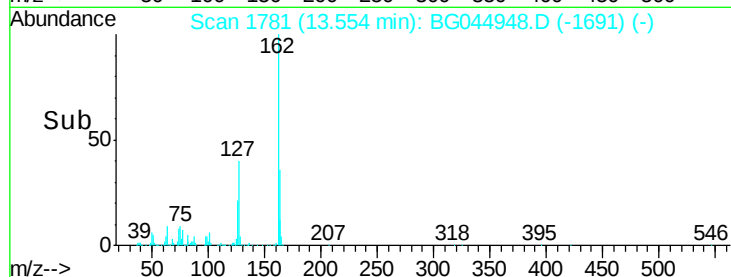
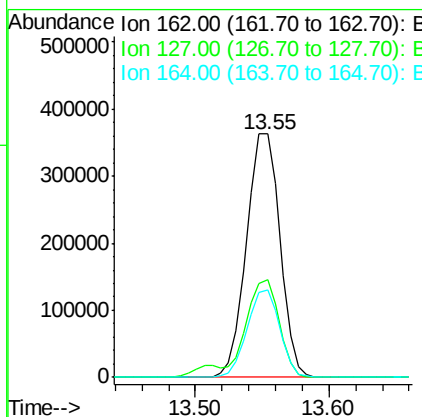
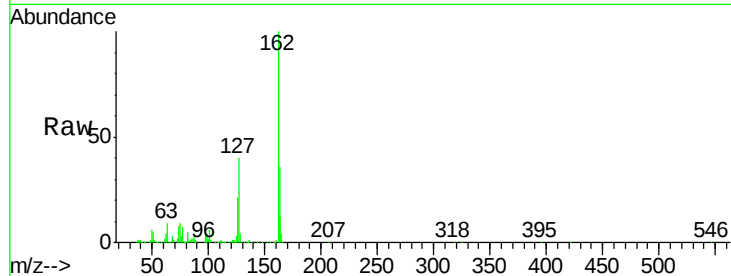
#47
2-Chloronaphthalene
Concen: 49.048 ng
RT: 13.55 min Scan# 1781
Delta R.T. -0.00 min
Lab File: BG044948.D
Acq: 25 Mar 2020 3:59

Instrument :
BNA_G
ClientSampled :
TP-4AMS

Tot Ion	Ratio	Lower	Upper
162	100		
127	39.9	33.1	49.7
164	36.0	27.4	41.2

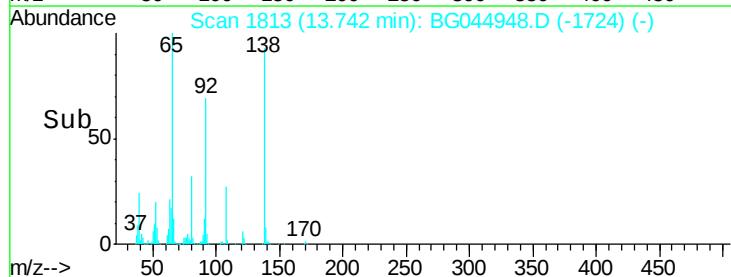
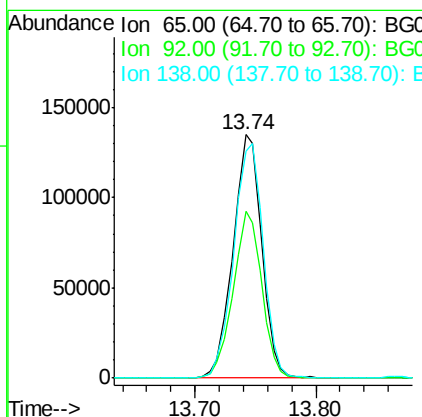
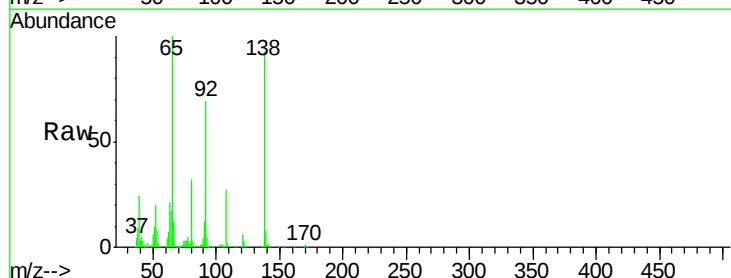
Manual Integrations
APPROVED

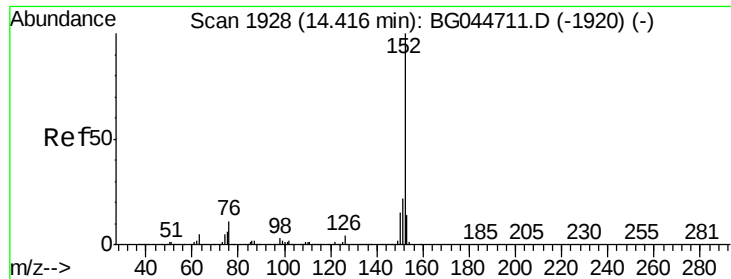
mohammad
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#48
2-Nitroaniline
Concen: 49.926 ng
RT: 13.74 min Scan# 1813
Delta R.T. -0.01 min
Lab File: BG044948.D
Acq: 25 Mar 2020 3:59

Tgt Ion	Ratio	Lower	Upper
65	100		
92	68.7	52.6	79.0
138	93.0	78.3	117.5





#49

Acenaphthylene

Concen: 51.662 ng

RT: 14.39 min Scan# 1924

Delta R.T. -0.01 min

Lab File: BG044948.D

Acq: 25 Mar 2020 3:59

Instrument :

BNA_G

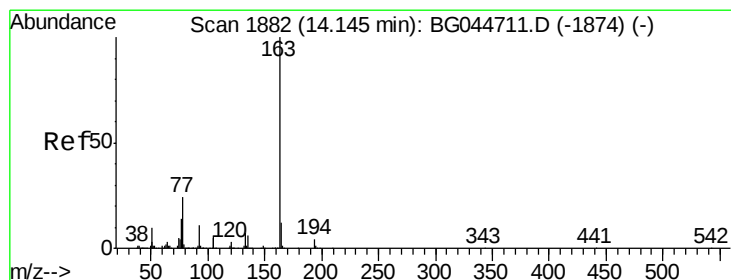
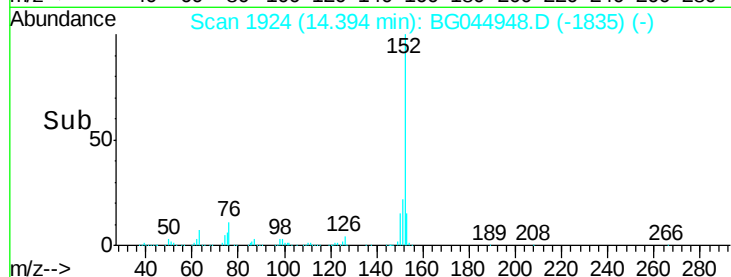
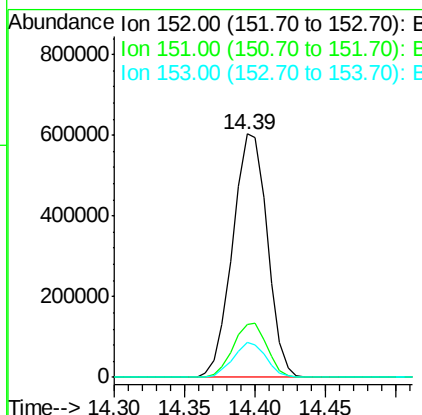
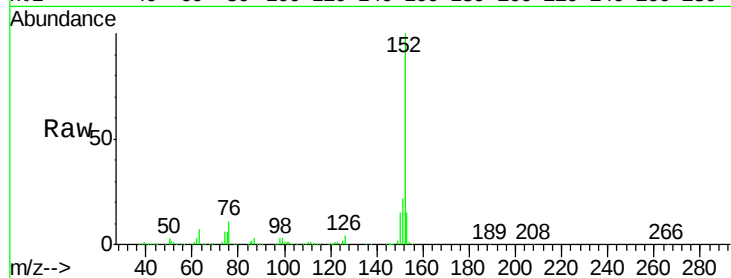
ClientSampleId :

TP-4AMS

Tot Ion:	152	Resp:	1036000
Ion	Ratio	Lower	Upper
152	100		
151	21.9	16.8	25.2
153	14.6	10.8	16.2

Manual Integrations
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#50

Dimethylphthalate

Concen: 50.097 ng

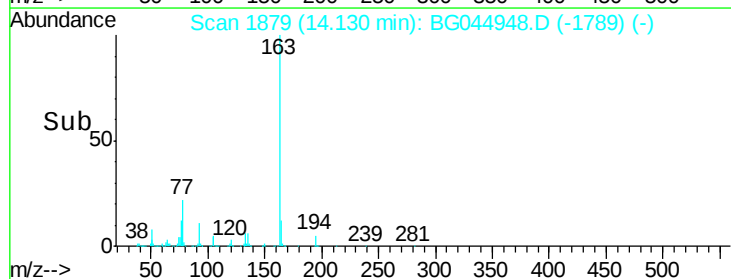
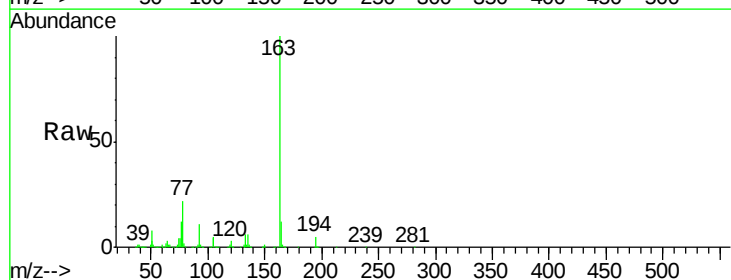
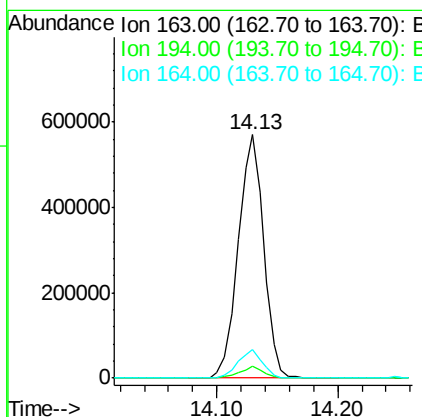
RT: 14.13 min Scan# 1879

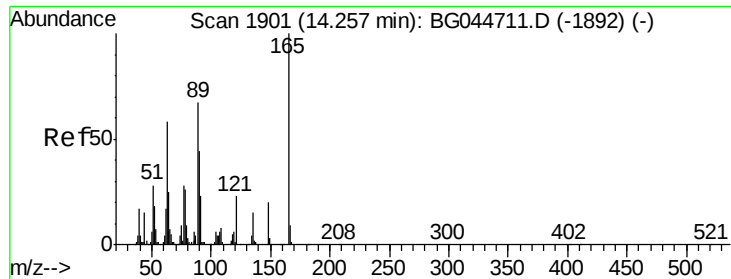
Delta R.T. -0.00 min

Lab File: BG044948.D

Acq: 25 Mar 2020 3:59

Tgt Ion:	163	Resp:	836629
Ion	Ratio	Lower	Upper
163	100		
194	4.8	3.7	5.5
164	11.6	9.1	13.7





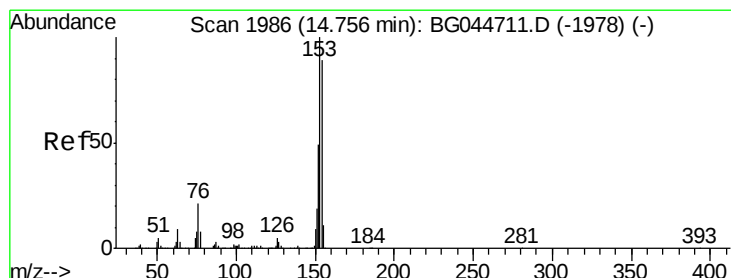
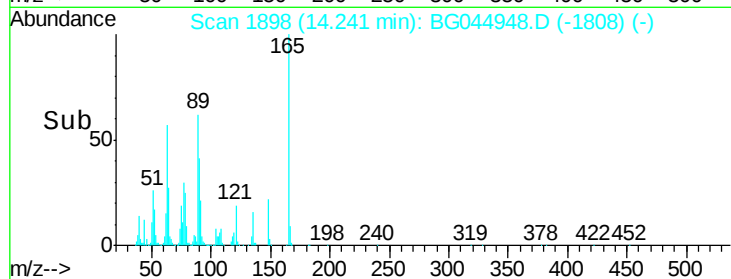
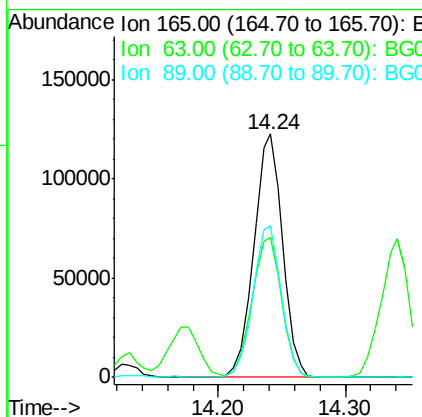
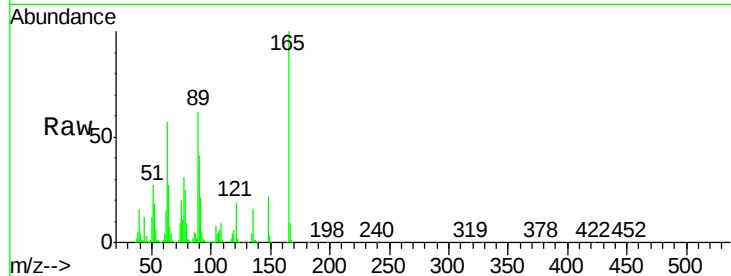
#51
2,6-Dinitrotoluene
Concen: 57.181 ng
RT: 14.24 min Scan# 1898
Delta R.T. -0.00 min
Lab File: BG044948.D
Acq: 25 Mar 2020 3:59

Instrument :
BNA_G
ClientSampleId :
TP-4AMS

Tot Ion	Ratio	Lower	Upper
165	100		
63	57.5	45.8	68.8
89	62.2	51.8	77.6

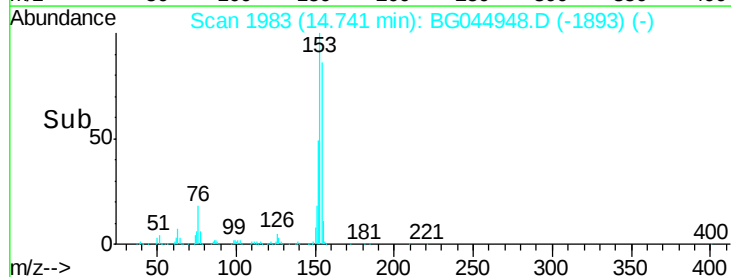
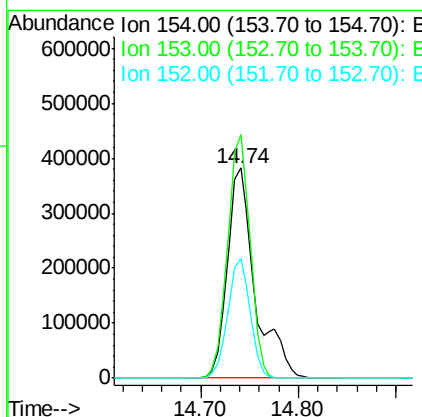
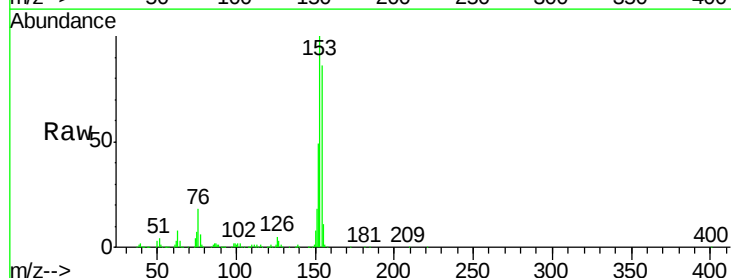
Manual Integrations
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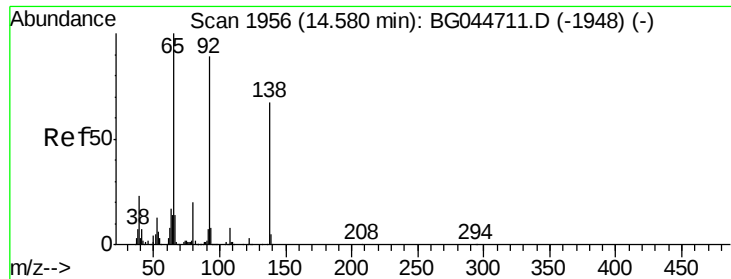
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#52
Acenaphthene
Concen: 57.773 ng
RT: 14.74 min Scan# 1983
Delta R.T. -0.00 min
Lab File: BG044948.D
Acq: 25 Mar 2020 3:59

Tgt Ion	Ratio	Lower	Upper
154	100		
153	115.9	89.0	133.6
152	56.9	43.0	64.6





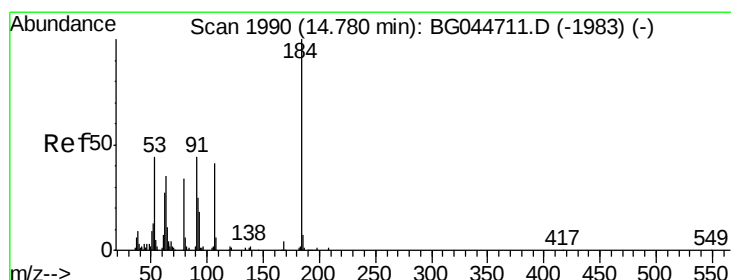
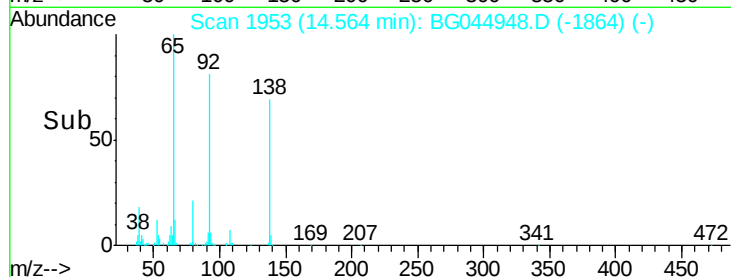
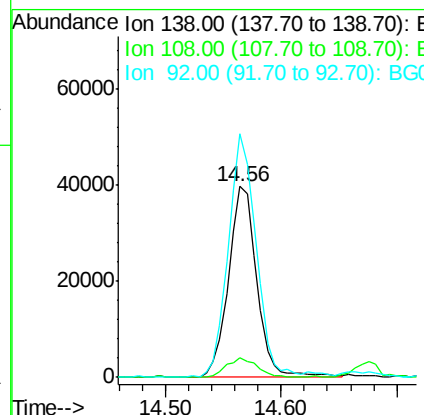
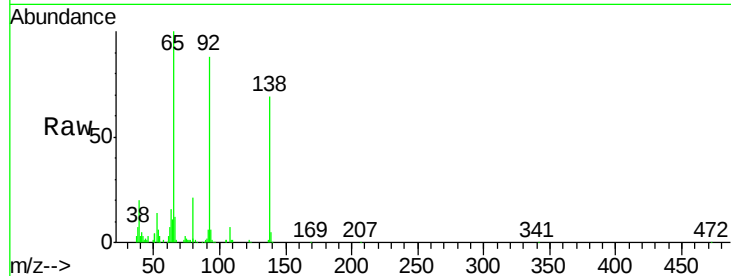
#53
3-Nitroaniline
Concen: 17.495 ng
RT: 14.56 min Scan# 1953
Delta R.T. -0.01 min
Lab File: BG044948.D
Acq: 25 Mar 2020 3:59

Instrument :
BNA_G
ClientSampleId :
TP-4AMS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.4	9.0	13.4
92	127.5	96.8	145.2

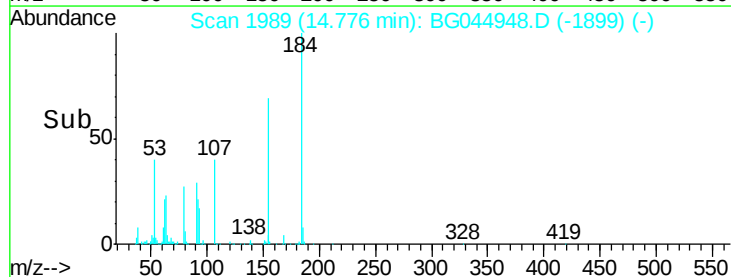
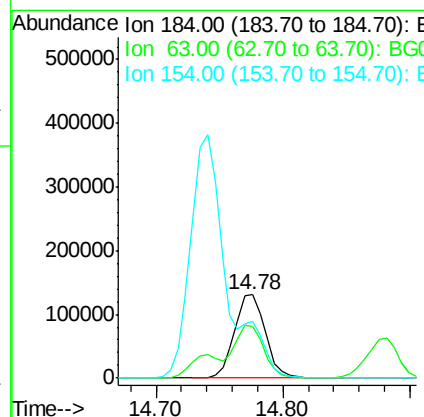
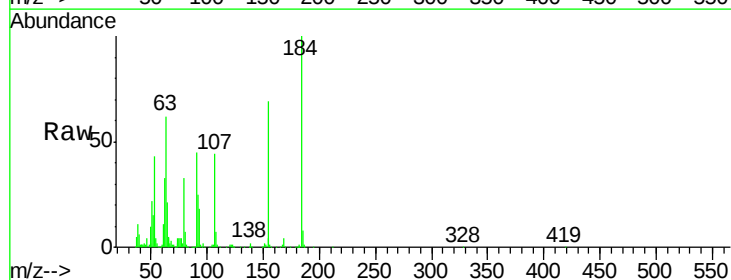
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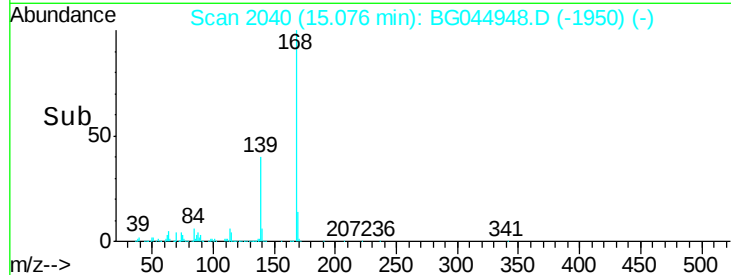
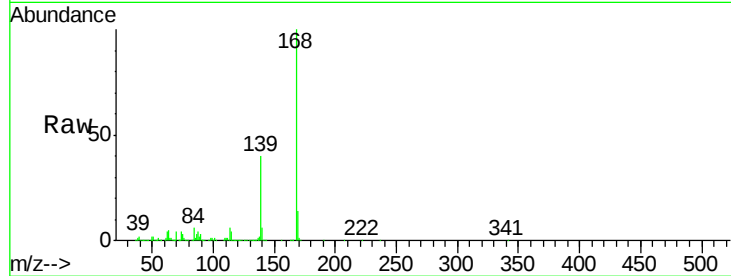
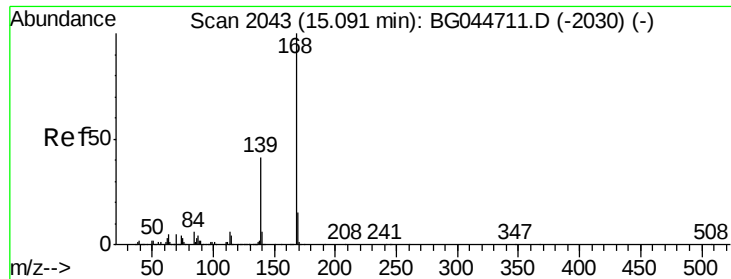
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#54
2,4-Dinitrophenol
Concen: 119.862 ng
RT: 14.78 min Scan# 1989
Delta R.T. -0.00 min
Lab File: BG044948.D
Acq: 25 Mar 2020 3:59

Tgt Ion	Ratio	Lower	Upper
184	100		
63	62.4	45.5	68.3
154	68.9	49.1	73.7





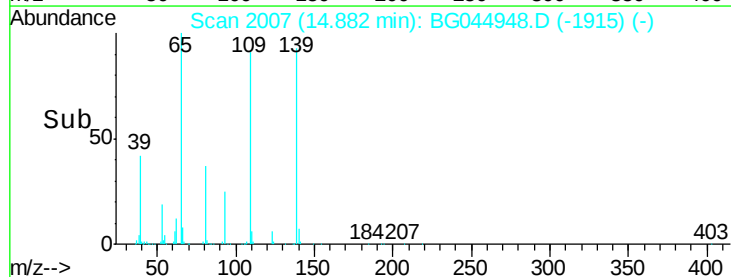
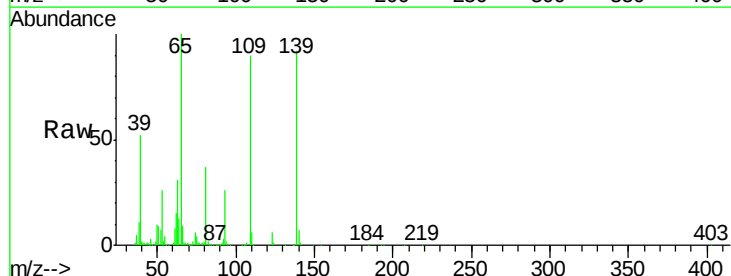
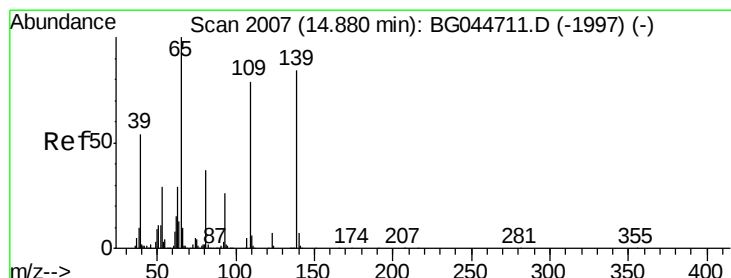
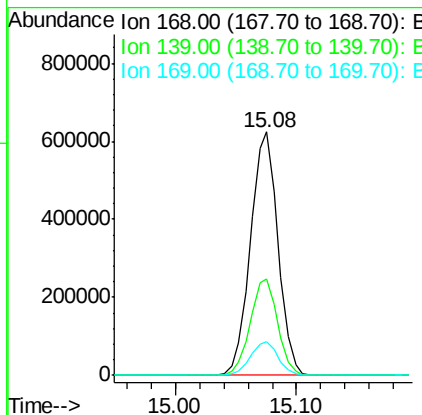
#55
Dibenzofuran
Concen: 51.760 ng
RT: 15.08 min Scan# 2040
Delta R.T. -0.00 min
Lab File: BG044948.D
Acq: 25 Mar 2020 3:59

Tot Ion	Ratio	Resp	Lower	Upper
168	100	985780		
139	39.6		31.4	47.0
169	13.9		11.1	16.7

Instrument :
BNA_G
ClientSampleId :
TP-4AMS

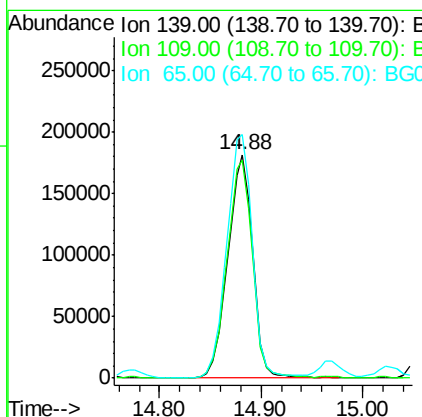
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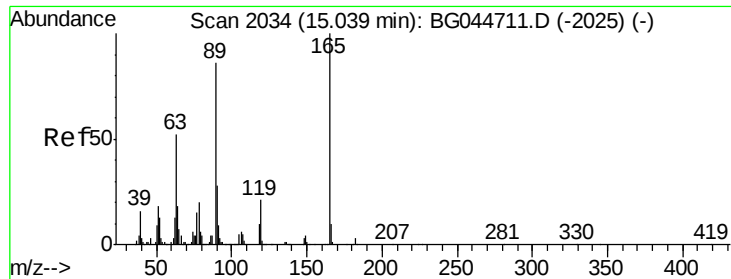
mohammad
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#56
4-Nitrophenol
Concen: 104.752 ng
RT: 14.88 min Scan# 2007
Delta R.T. 0.01 min
Lab File: BG044948.D
Acq: 25 Mar 2020 3:59

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	309401		
109	97.5		68.8	108.8
65	108.8		92.5	132.5





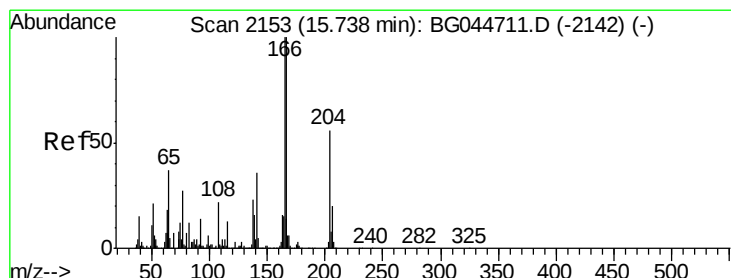
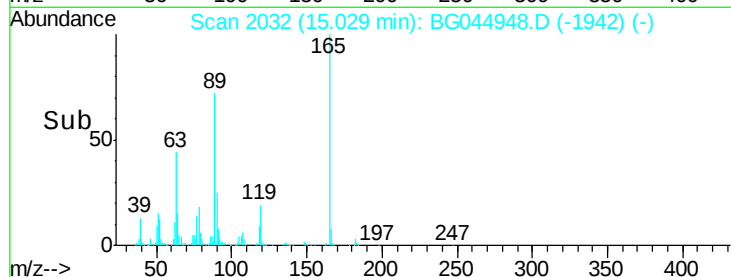
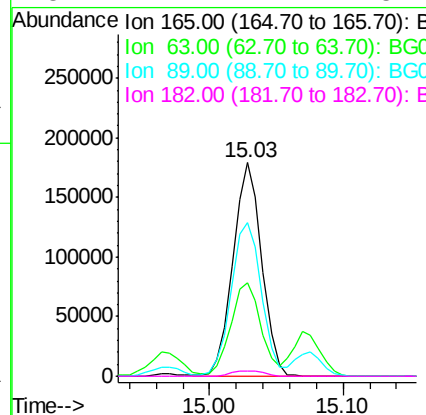
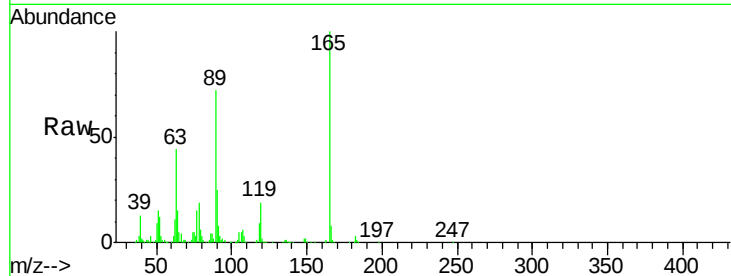
#57
2,4-Dinitrotoluene
Concen: 58.481 ng
RT: 15.03 min Scan# 2032
Delta R.T. -0.00 min
Lab File: BG044948.D
Acq: 25 Mar 2020 3:59

Instrument :
BNA_G
ClientSampleId :
TP-4AMS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	269992		
63	43.7	34.6	52.0	
89	72.0	61.3	91.9	
182	2.7	2.2	3.2	

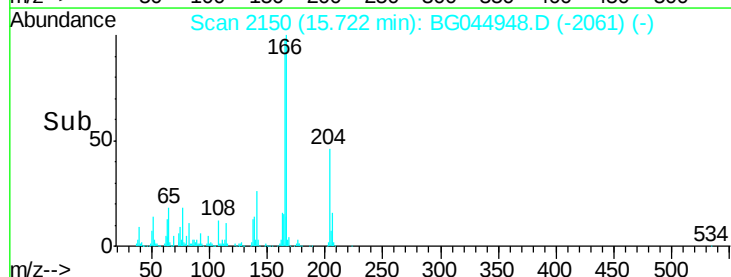
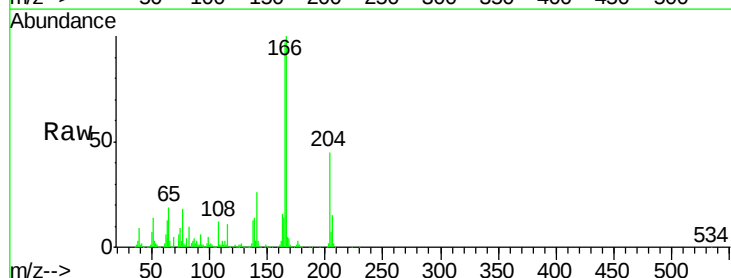
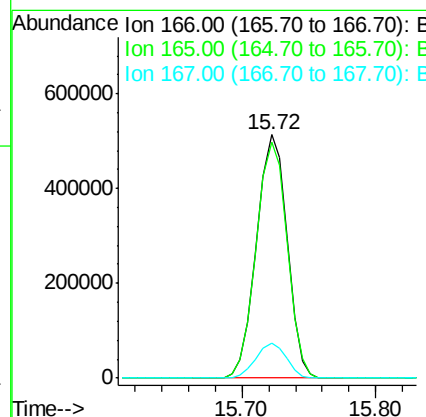
Manual Integrations
APPROVED

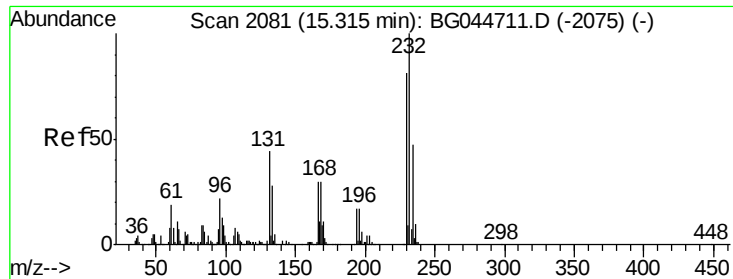
mohammad
3/25/2020 12:27:52 PM



#58
Fluorene
Concen: 51.803 ng
RT: 15.72 min Scan# 2150
Delta R.T. -0.01 min
Lab File: BG044948.D
Acq: 25 Mar 2020 3:59

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	811582		
165	96.9	79.7	119.5	
167	14.5	10.6	16.0	





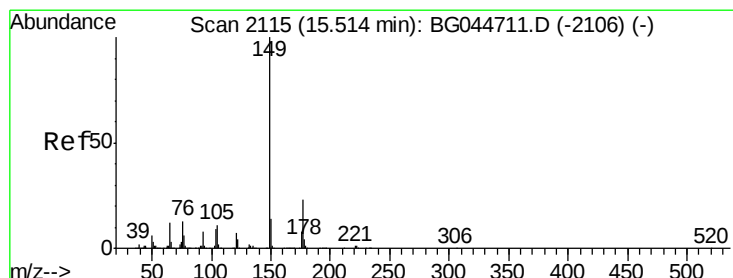
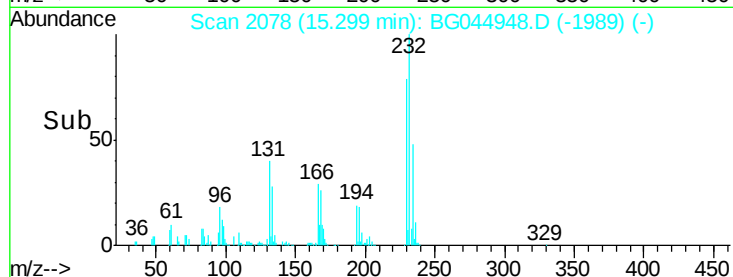
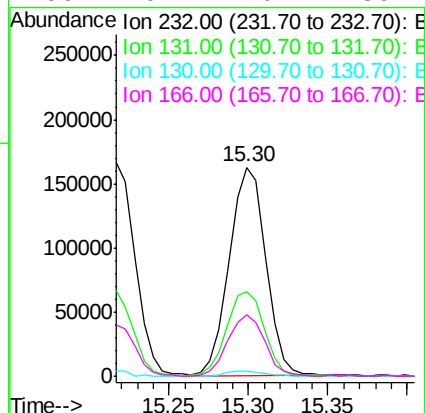
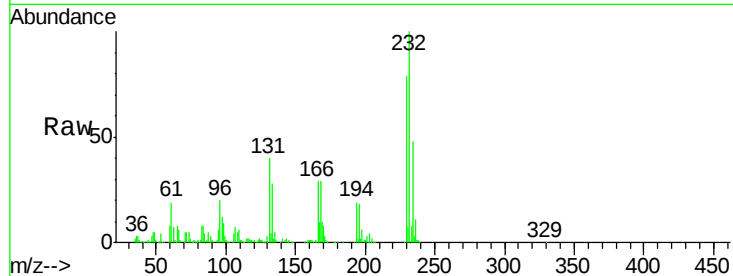
#59
2,3,4,6-Tetrachlorophenol
Concen: 59.281 ng
RT: 15.30 min Scan# 2078
Delta R.T. -0.01 min
Lab File: BG044948.D
Acq: 25 Mar 2020 3:59

Instrument :
BNA_G
ClientSampleId :
TP-4AMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
232	100		259394		
131	42.3	31.8	47.8		
130	2.7	2.2	3.2		
166	29.2	20.2	30.2		

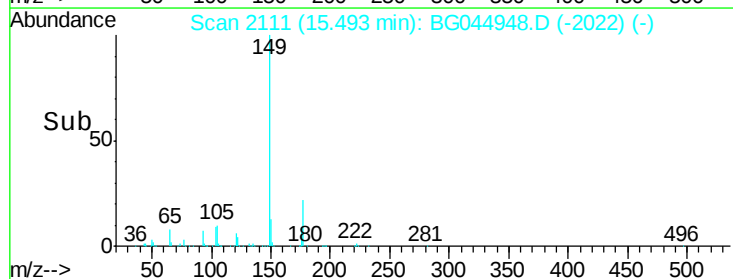
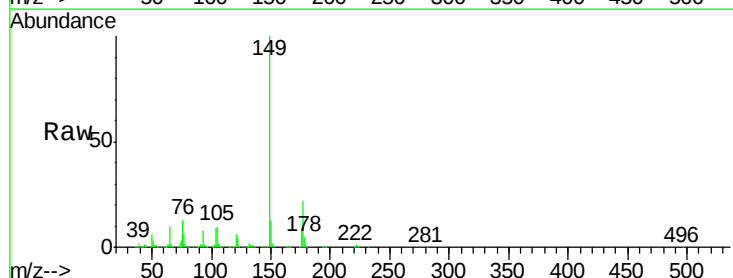
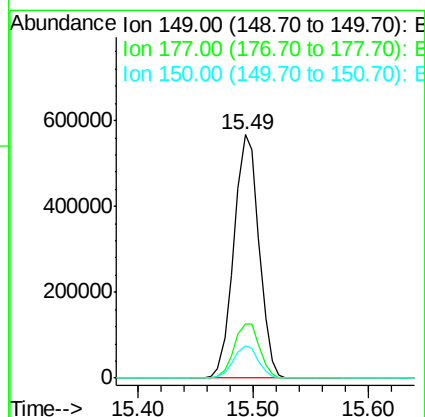
Manual Integrations
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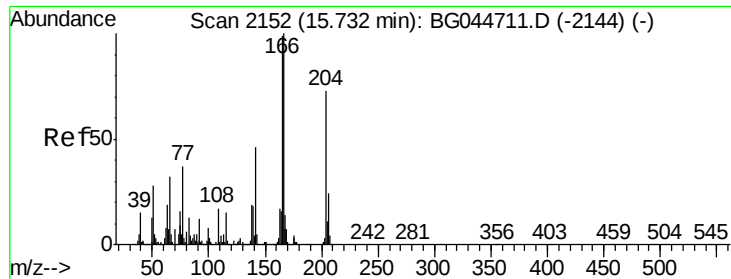
mohammad
3/25/2020 12:27:52 PM



#60
Diethylphthalate
Concen: 48.857 ng
RT: 15.49 min Scan# 2111
Delta R.T. -0.01 min
Lab File: BG044948.D
Acq: 25 Mar 2020 3:59

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100		851007		
177	22.4	19.3	28.9		
150	13.3	11.0	16.6		





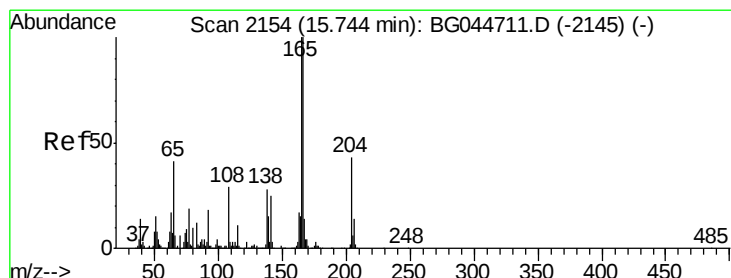
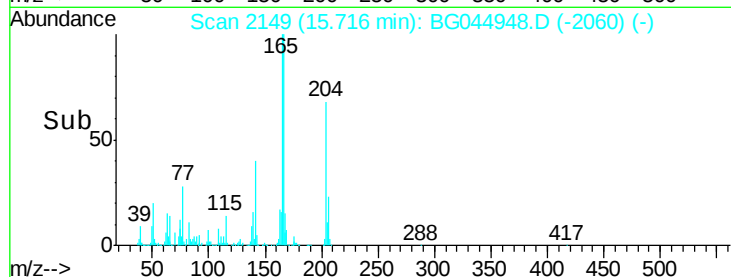
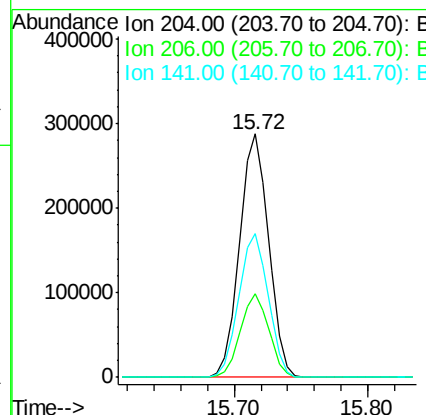
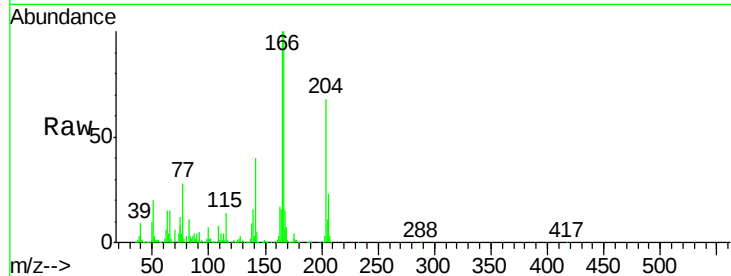
#61
 4-Chlorophenyl-phenylether
 Concen: 51.389 ng
 RT: 15.72 min Scan# 2149
 Delta R.T. -0.01 min
 Lab File: BG044948.D
 Acq: 25 Mar 2020 3:59

Instrument :
 BNA_G
 ClientSampled :
 TP-4AMS

Tot Ion	Ratio	Lower	Upper
204	100		
206	34.3	26.2	39.2
141	59.3	47.7	71.5

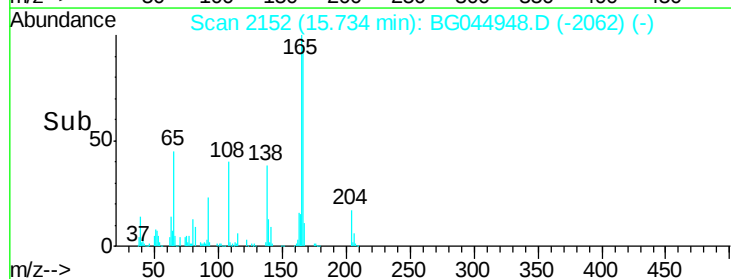
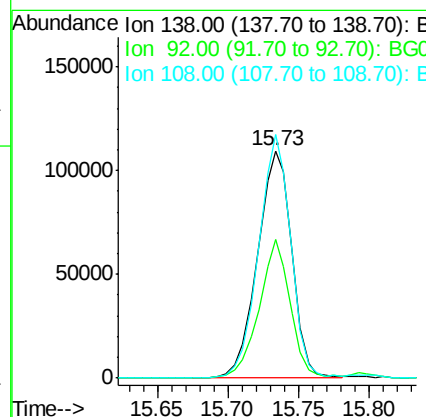
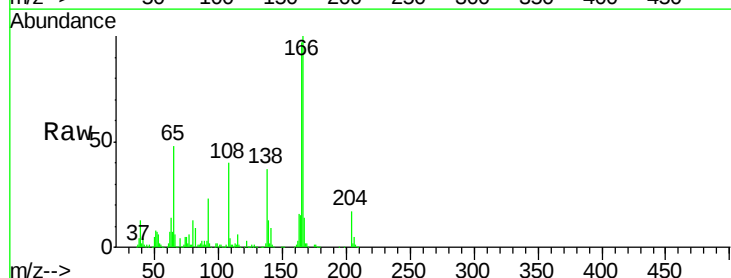
Manual Integrations
 APPROVED

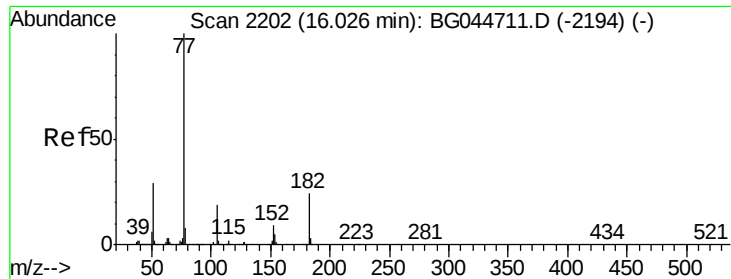
mohammad
 3/25/2020 12:27:52 PM



#62
 4-Nitroaniline
 Concen: 45.133 ng
 RT: 15.73 min Scan# 2152
 Delta R.T. -0.00 min
 Lab File: BG044948.D
 Acq: 25 Mar 2020 3:59

Tgt Ion	Ratio	Lower	Upper
138	100		
92	61.0	34.5	74.5
108	107.1	74.5	114.5





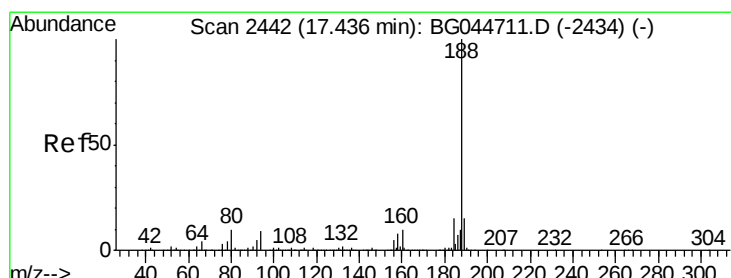
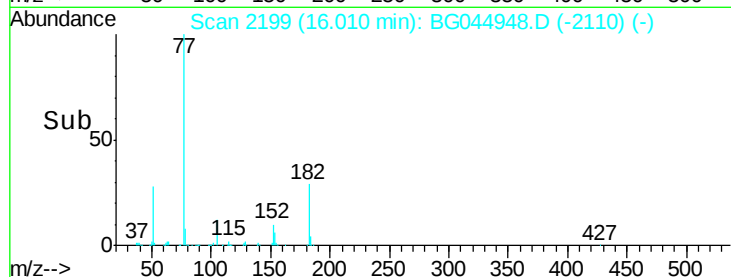
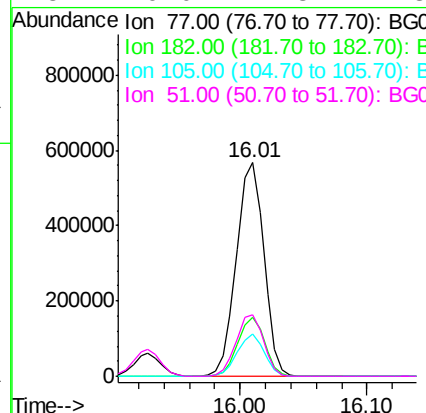
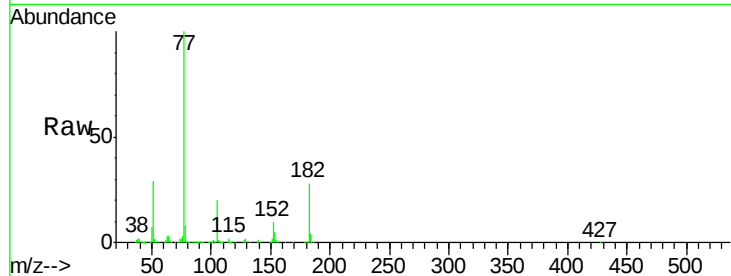
#63
Azobenzene
Concen: 47.038 ng
RT: 16.01 min Scan# 2199
Delta R.T. -0.01 min
Lab File: BG044948.D
Acq: 25 Mar 2020 3:59

Instrument :
BNA_G
ClientSampleId :
TP-4AMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
182	27.6	6.4	46.4		
105	19.6	0.0	39.1		
51	29.0	7.3	47.3		

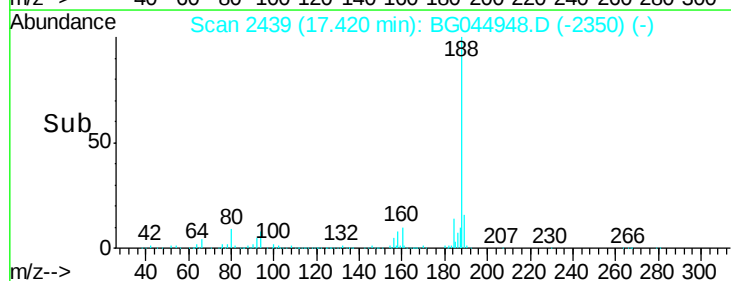
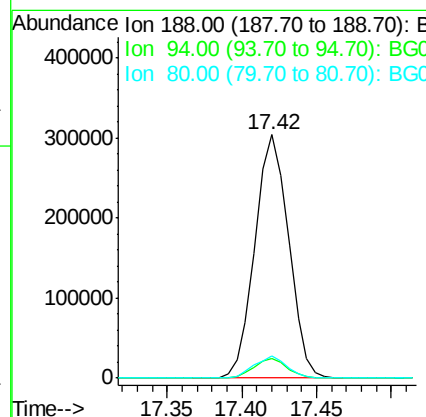
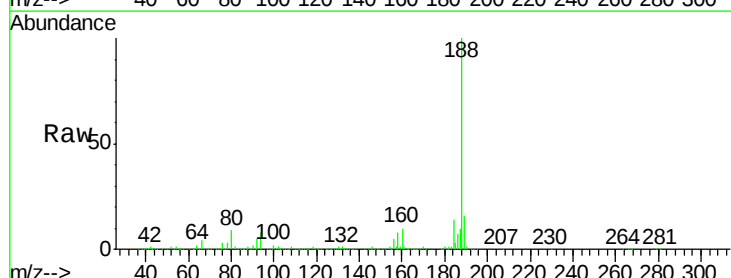
Manual Integrations
APPROVED

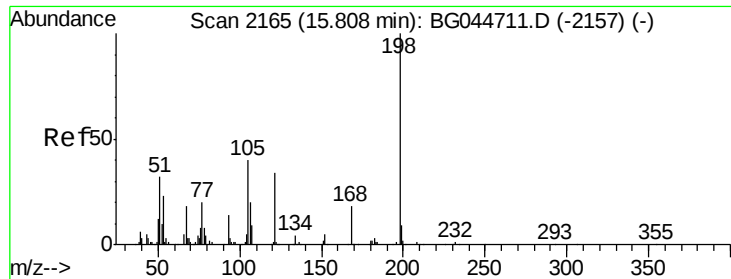
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2439
Delta R.T. -0.01 min
Lab File: BG044948.D
Acq: 25 Mar 2020 3:59

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100				
94	8.0	7.3	10.9		
80	8.9	8.0	12.0		





#65

4,6-Dinitro-2-methylphenol

Concen: 68.809 ng

RT: 15.80 min Scan# 2163

Delta R.T. 0.00 min

Lab File: BG044948.D

Acq: 25 Mar 2020 3:59

Instrument :

BNA_G

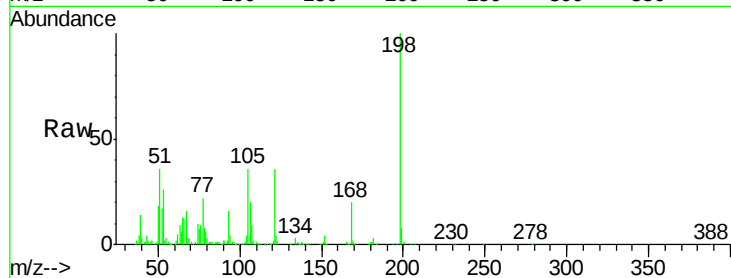
ClientSampleId :

TP-4AMS

Tot Ion:	198	Resp:	162669
Ion Ratio	Lower	Upper	
198	100		
51	36.0	21.1	61.1
105	36.1	24.5	64.5

Manual Integrations
APPROVED

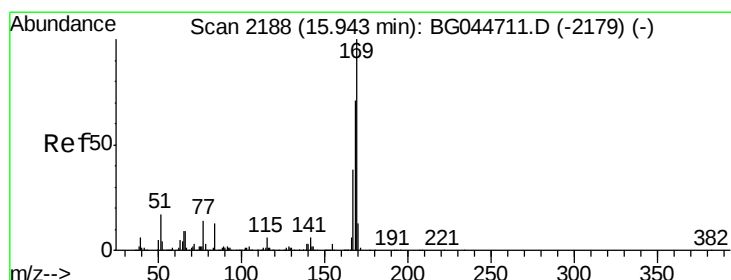
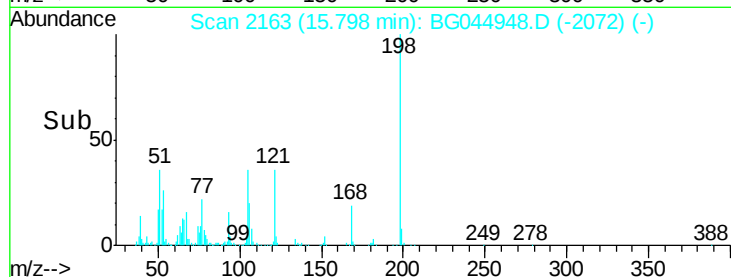
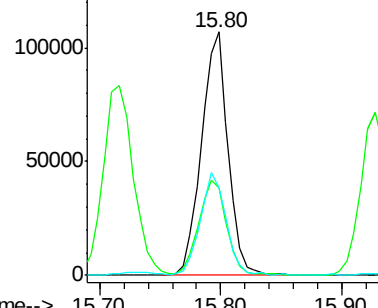
mohammad
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 51.538 ng

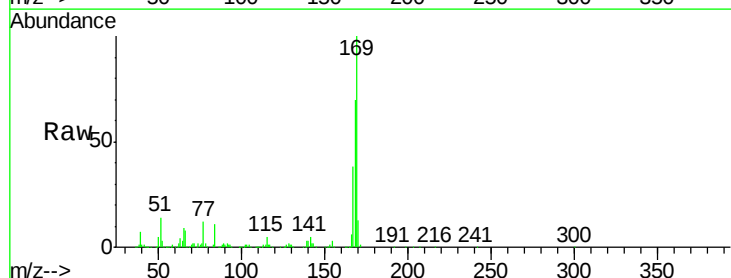
RT: 15.93 min Scan# 2185

Delta R.T. -0.01 min

Lab File: BG044948.D

Acq: 25 Mar 2020 3:59

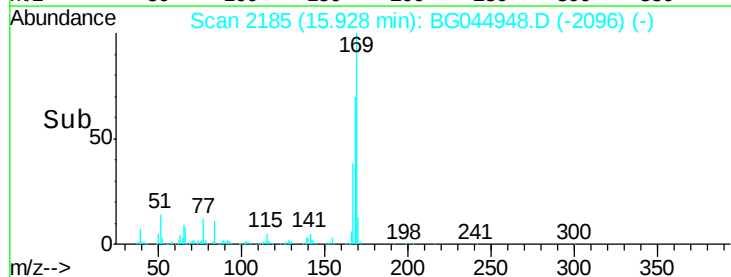
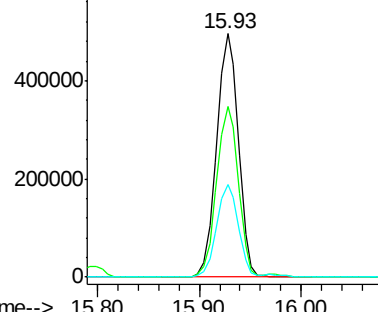
Tgt Ion:	169	Resp:	736750
Ion Ratio	Lower	Upper	
169	100		
168	70.2	55.4	83.2
167	38.3	30.1	45.1

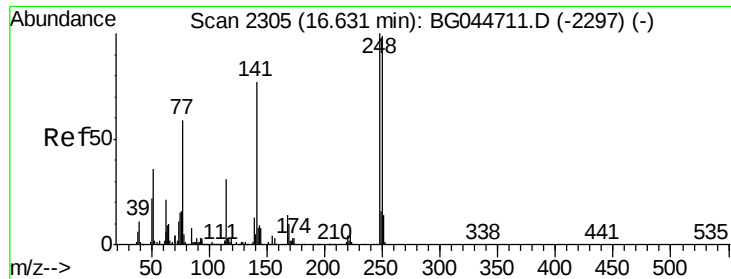


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





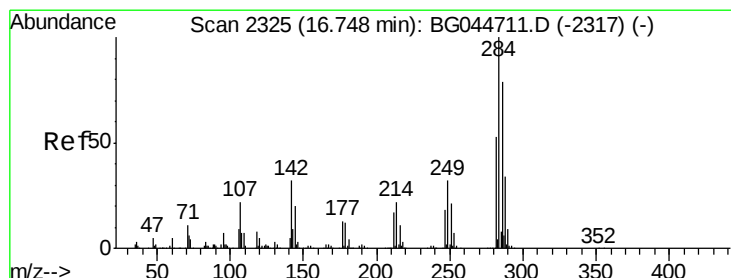
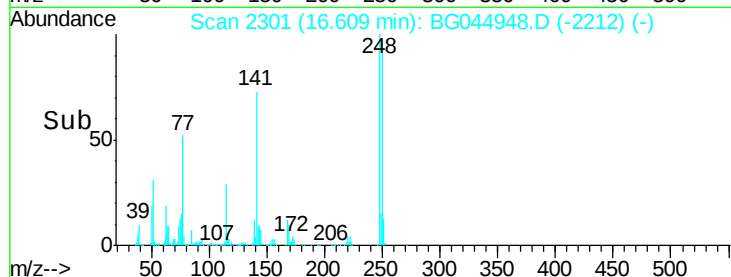
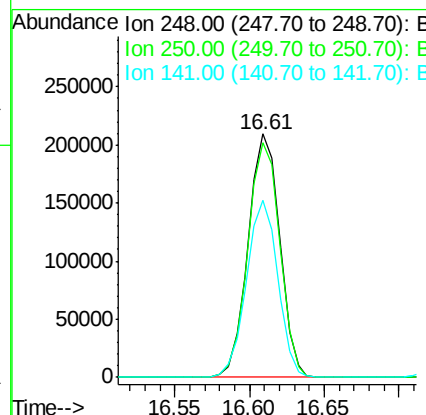
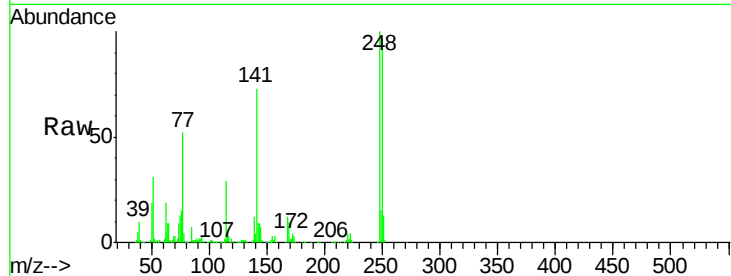
#67
4-Bromophenyl-phenylether
Concen: 51.573 ng
RT: 16.61 min Scan# 2301
Delta R.T. -0.01 min
Lab File: BG044948.D
Acq: 25 Mar 2020 3:59

Instrument :
BNA_G
ClientSampleId :
TP-4AMS

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.6	77.9	116.9
141	72.8	57.5	86.3

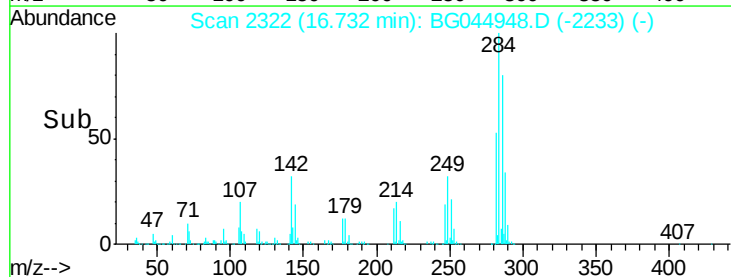
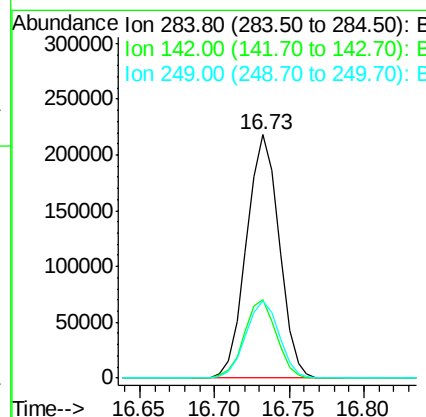
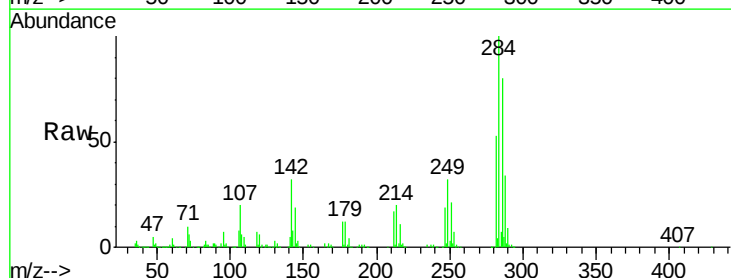
Manual Integrations
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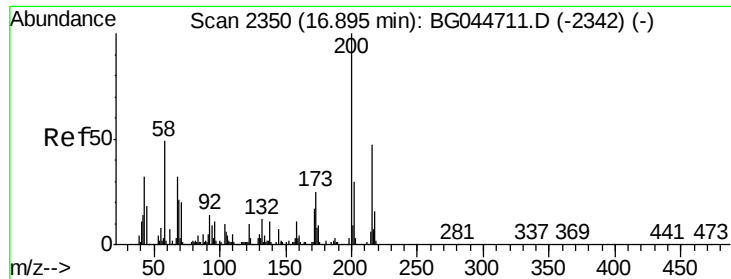
mohammad
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#68
Hexachlorobenzene
Concen: 51.429 ng
RT: 16.73 min Scan# 2322
Delta R.T. -0.01 min
Lab File: BG044948.D
Acq: 25 Mar 2020 3:59

Tgt Ion	Ratio	Lower	Upper
284	100		
142	32.2	25.0	37.6
249	31.5	25.8	38.8





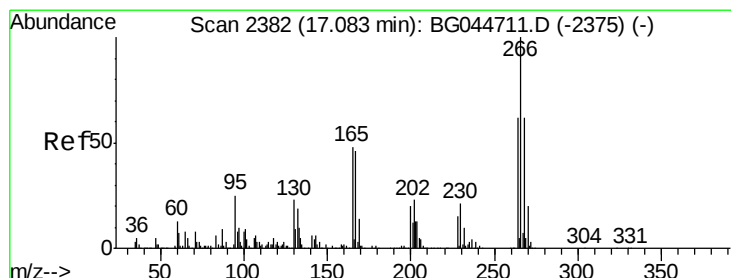
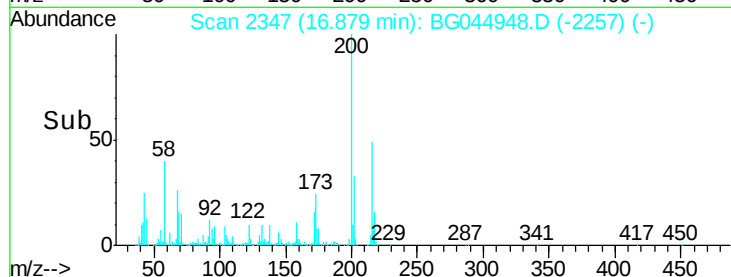
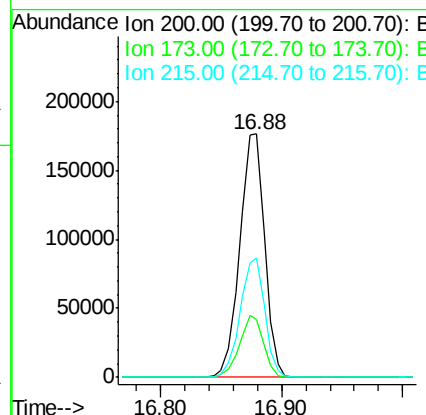
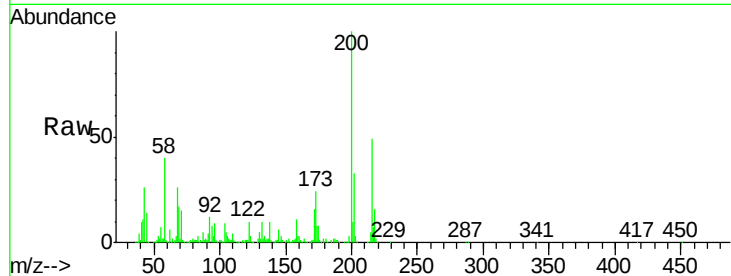
#69
Atrazine
Concen: 48.432 ng
RT: 16.88 min Scan# 2347
Delta R.T. -0.00 min
Lab File: BG044948.D
Acq: 25 Mar 2020 3:59

Instrument :
BNA_G
ClientSampleId :
TP-4AMS

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	23.8	5.3	45.3
215	49.2	28.9	68.9

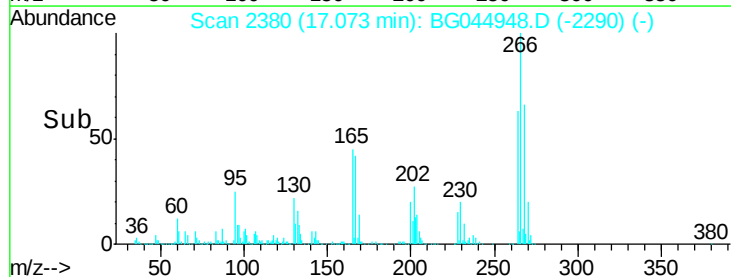
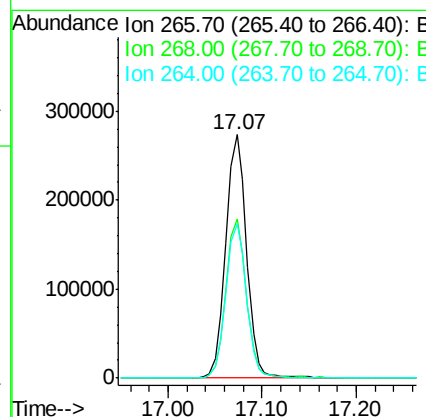
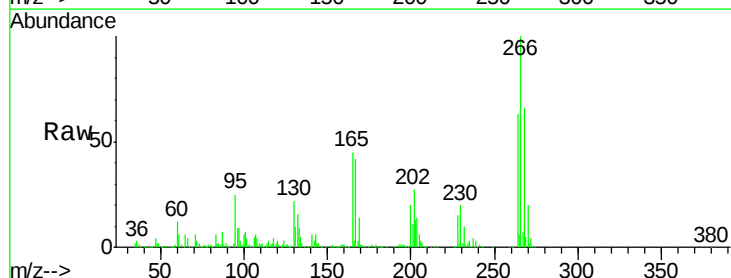
Manual Integrations
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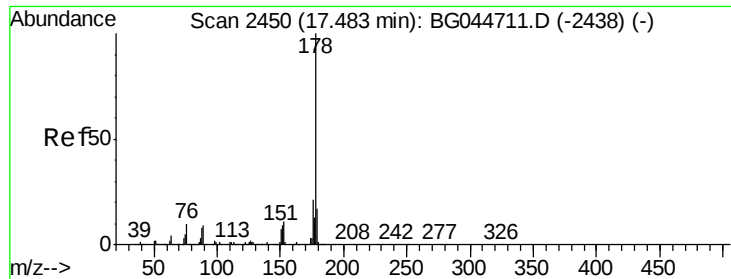
mohammad
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#70
Pentachlorophenol
Concen: 119.967 ng
RT: 17.07 min Scan# 2380
Delta R.T. -0.00 min
Lab File: BG044948.D
Acq: 25 Mar 2020 3:59

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	65.5	50.3	75.5
264	63.5	51.4	77.2





#71

Phenanthrene

Concen: 52.118 ng

RT: 17.46 min Scan# 2446

Delta R.T. -0.01 min

Lab File: BG044948.D

Acq: 25 Mar 2020 3:59

Instrument :

BNA_G

ClientSampleID :

TP-4AMS

Tot Ion:178 Resp: 1322431

Ion Ratio Lower Upper

178 100

176 21.2 16.6 24.8

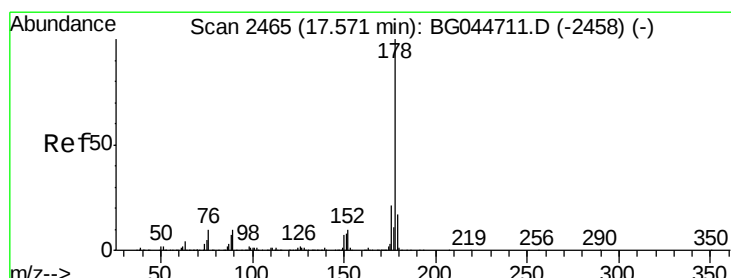
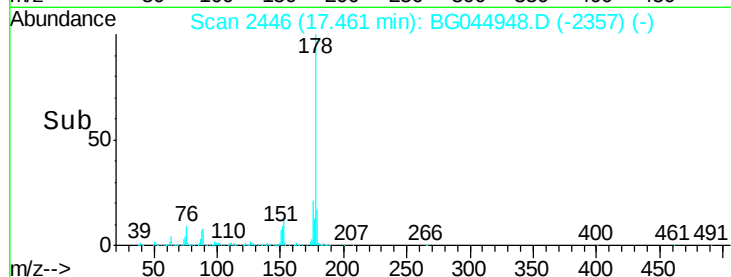
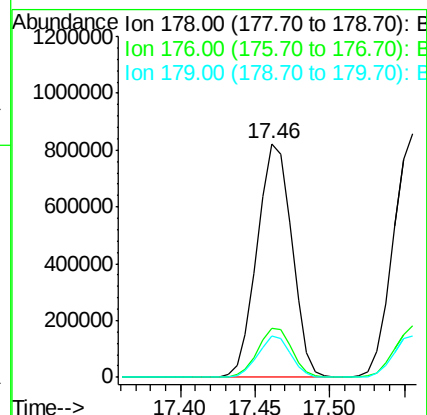
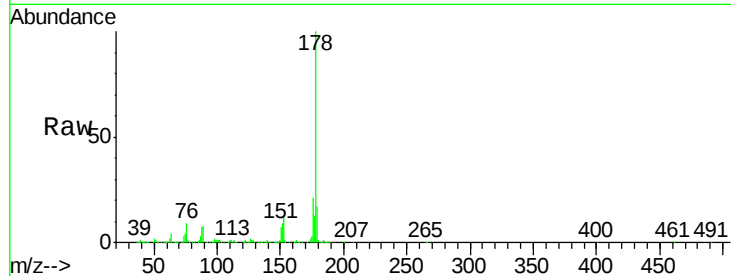
179 17.5 13.5 20.3

Manual Integrations

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mohammad

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#72

Anthracene

Concen: 53.787 ng

RT: 17.56 min Scan# 2462

Delta R.T. -0.01 min

Lab File: BG044948.D

Acq: 25 Mar 2020 3:59

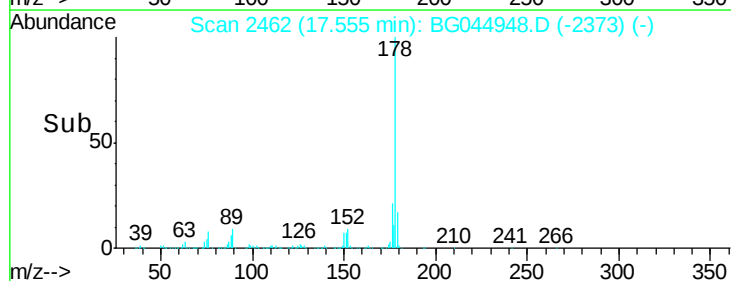
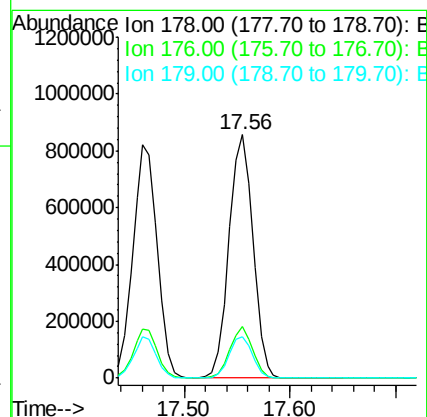
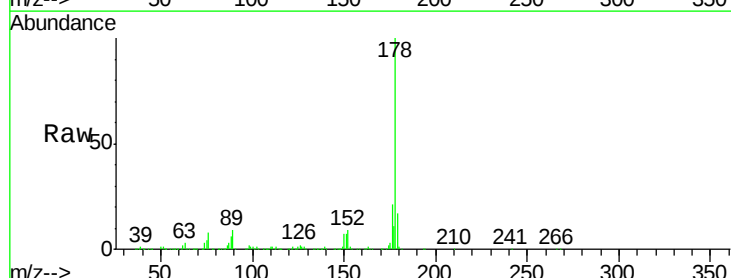
Tgt Ion:178 Resp: 1345726

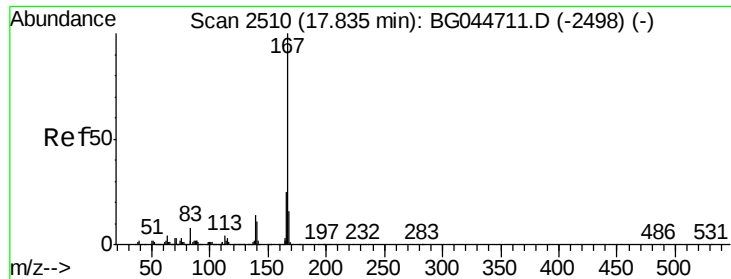
Ion Ratio Lower Upper

178 100

176 20.9 15.9 23.9

179 17.1 13.2 19.8





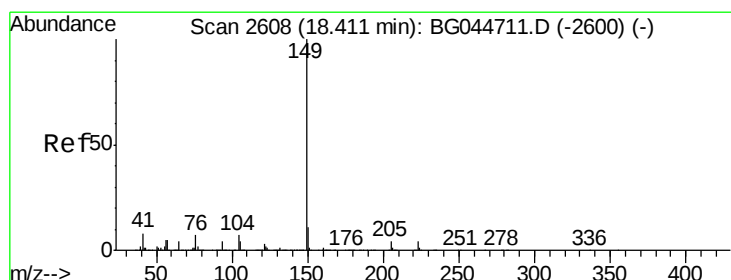
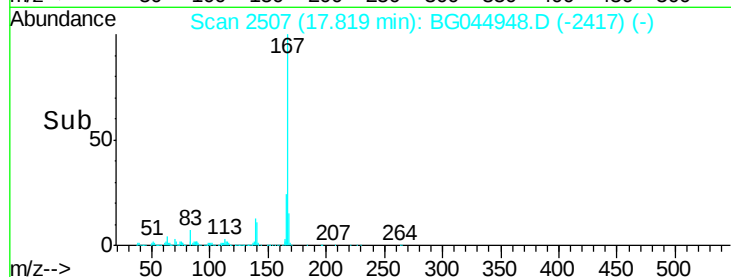
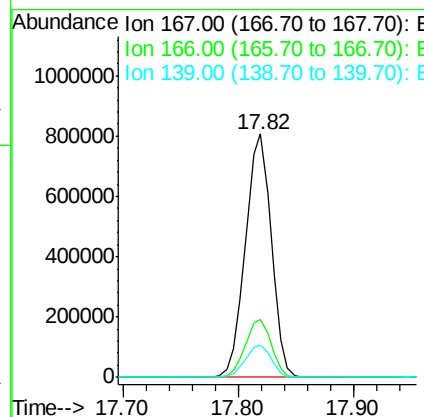
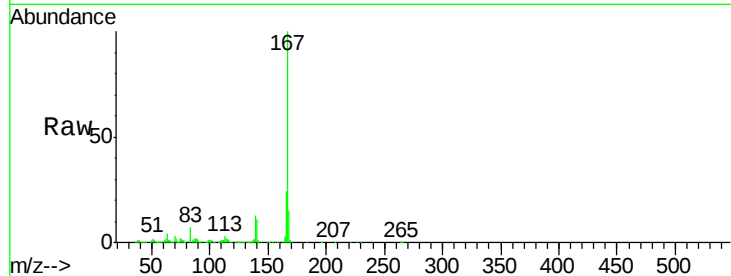
#73
 Carbazole
 Concen: 52.287 ng
 RT: 17.82 min Scan# 2507
 Delta R.T. -0.00 min
 Lab File: BG044948.D
 Acq: 25 Mar 2020 3:59

Instrument :
 BNA_G
 ClientSampleId :
 TP-4AMS

Tot Ion:167 Resp: 1256629
 Ion Ratio Lower Upper
 167 100
 166 24.1 18.8 28.2
 139 13.3 10.8 16.2

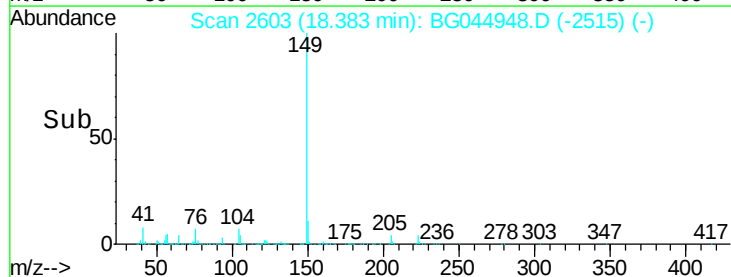
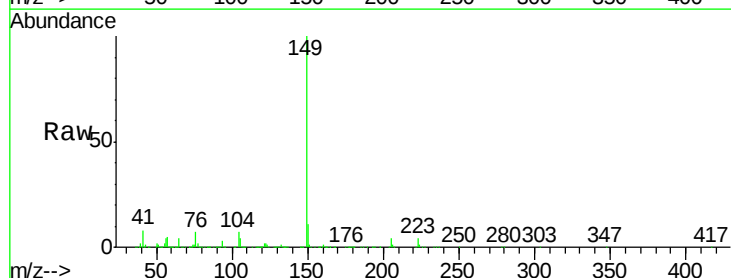
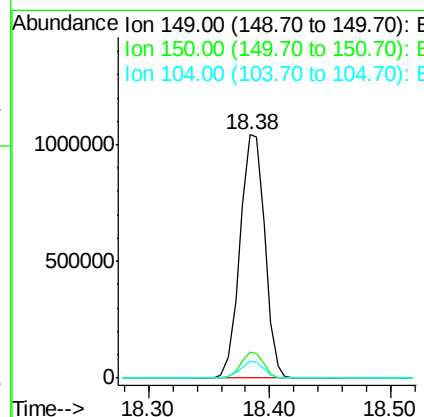
Manual Integrations
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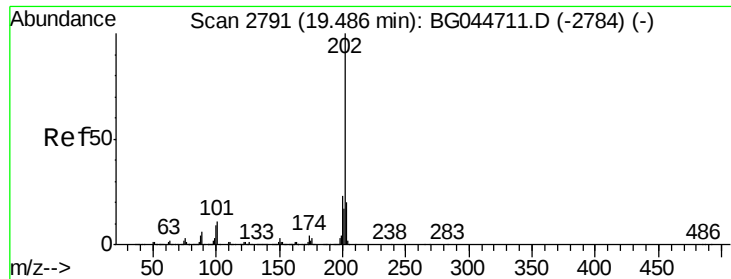
mohammad
 3/25/2020 12:27:52 PM



#74
 Di-n-butylphthalate
 Concen: 50.993 ng
 RT: 18.38 min Scan# 2603
 Delta R.T. -0.01 min
 Lab File: BG044948.D
 Acq: 25 Mar 2020 3:59

Tgt Ion:149 Resp: 1489773
 Ion Ratio Lower Upper
 149 100
 150 10.7 8.1 12.1
 104 7.1 5.0 7.4





#75

Fluoranthene

Concen: 53.906 ng

RT: 19.47 min Scan# 2788

Delta R.T. -0.01 min

Lab File: BG044948.D

Acq: 25 Mar 2020 3:59

Instrument :

BNA_G

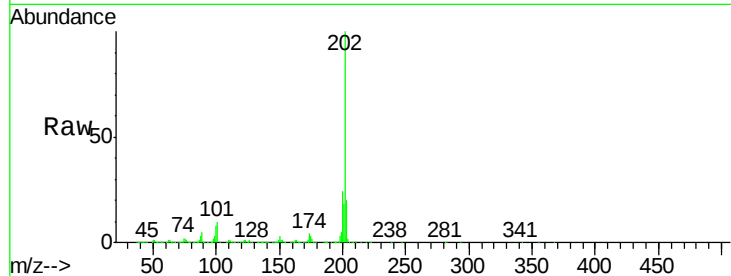
ClientSampled :

TP-4AMS

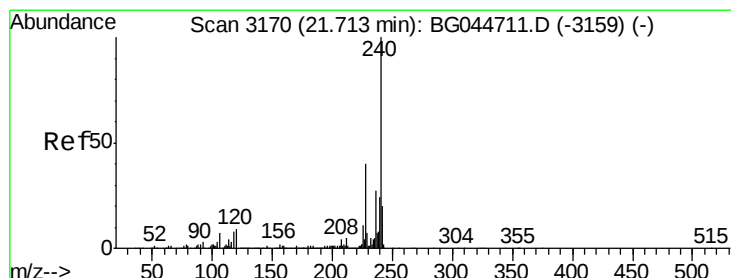
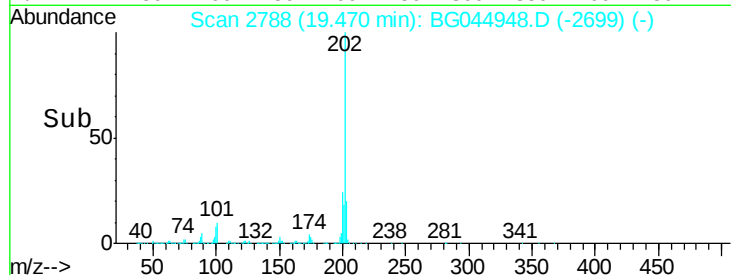
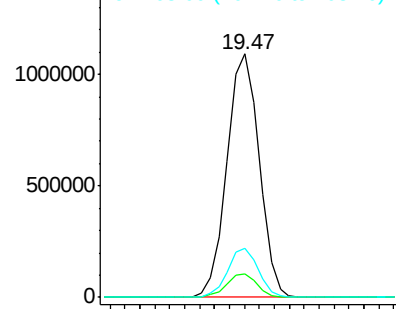
Tot Ion:	202	Resp:	1628566
Ion	Ratio	Lower	Upper
202	100		
101	9.9	0.0	29.8
203	20.2	0.0	39.4

Manual Integrations
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3/25/2020 12:27:52 PM



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

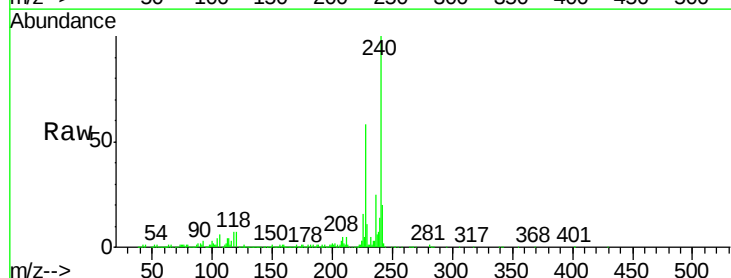
RT: 21.69 min Scan# 3166

Delta R.T. -0.01 min

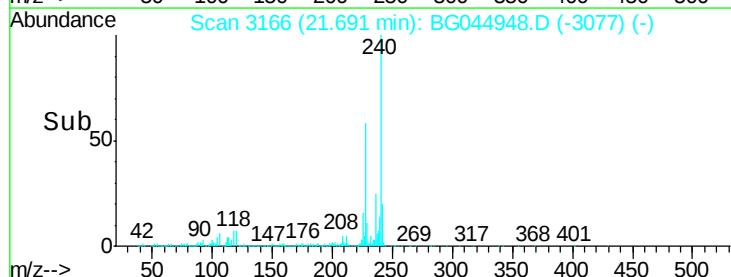
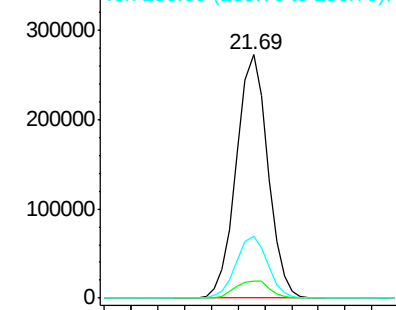
Lab File: BG044948.D

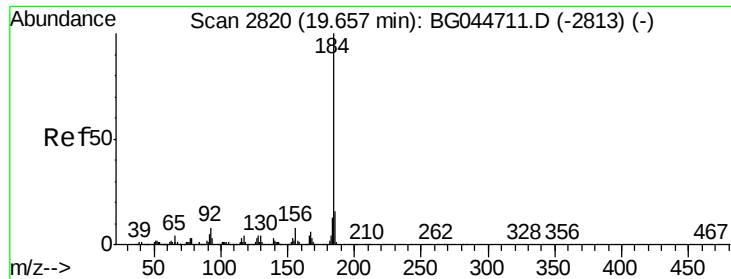
Acq: 25 Mar 2020 3:59

Tgt Ion:	240	Resp:	444069
Ion	Ratio	Lower	Upper
240	100		
120	7.0	6.7	10.1
236	25.4	21.5	32.3



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: 34.552 ng

RT: 19.65 min Scan# 2818

Delta R.T. -0.00 min

Lab File: BG044948.D

Acq: 25 Mar 2020 3:59

Instrument :

BNA_G

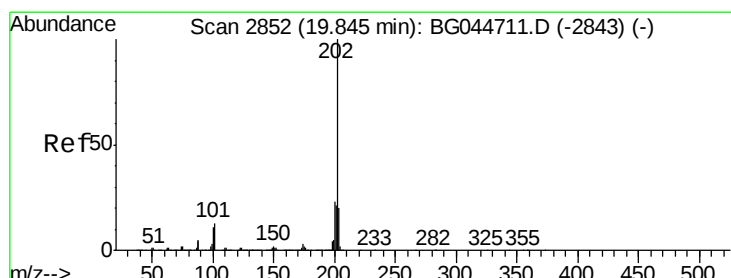
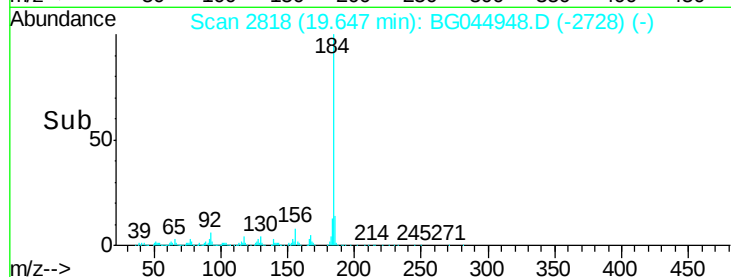
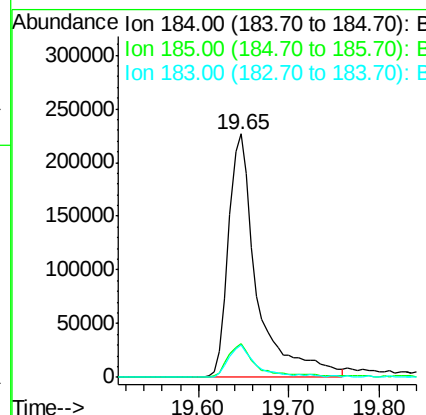
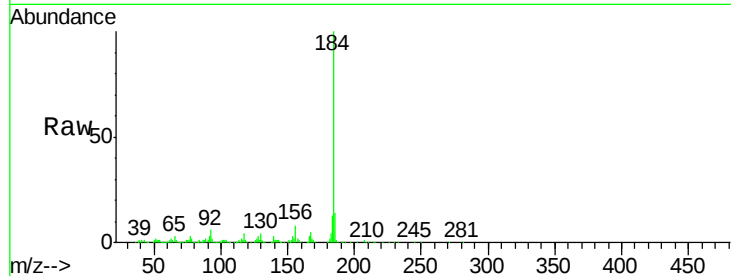
ClientSampleId :

TP-4AMS

Tot Ion	Ratio	Lower	Upper
184	100		
185	13.9	12.2	18.4
183	13.2	10.7	16.1

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#78

Pyrene

Concen: 49.534 ng

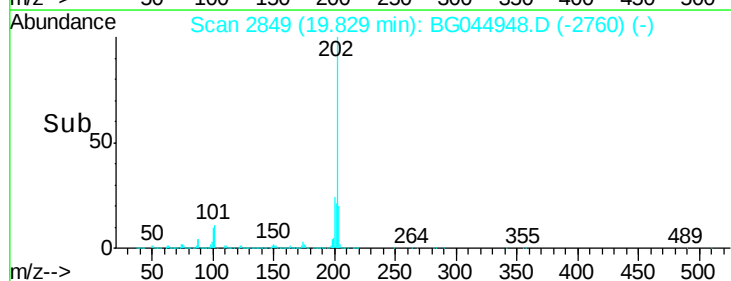
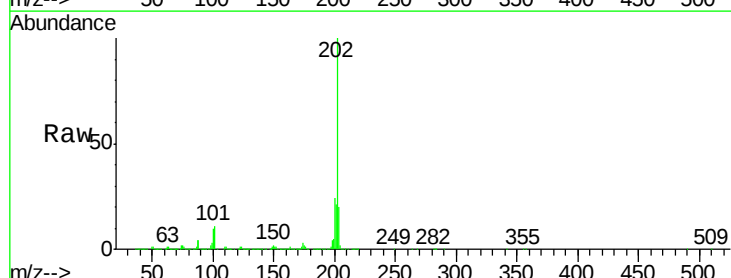
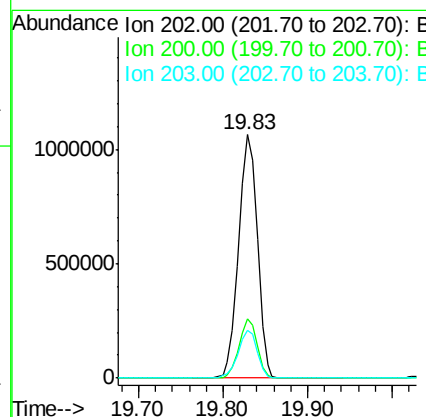
RT: 19.83 min Scan# 2849

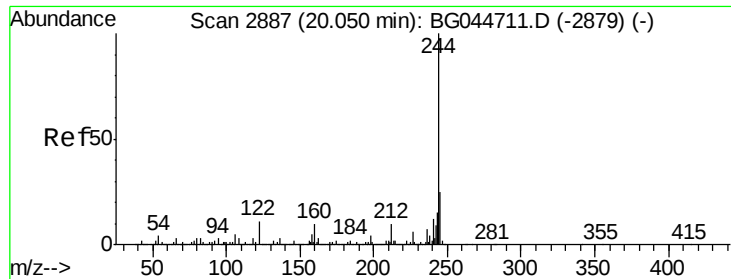
Delta R.T. -0.01 min

Lab File: BG044948.D

Acq: 25 Mar 2020 3:59

Tgt Ion	Ratio	Lower	Upper
202	100		
200	24.2	18.3	27.5
203	19.9	15.6	23.4





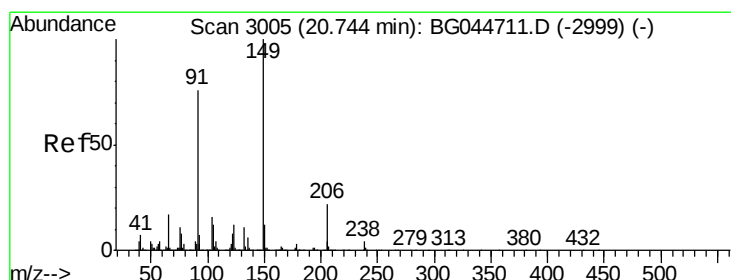
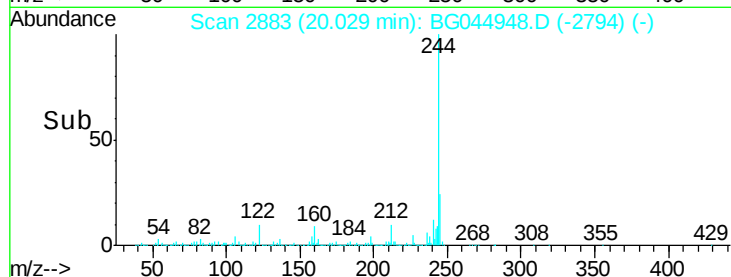
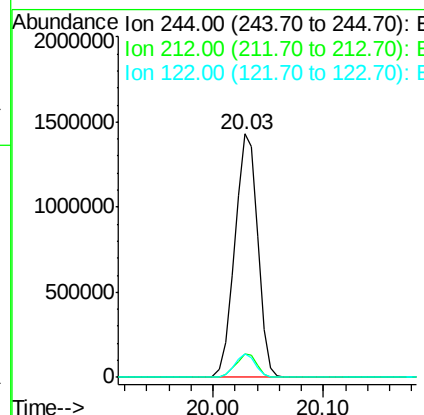
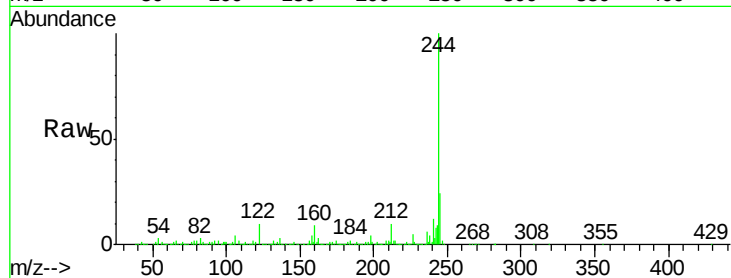
#79
 Terphenyl-d14
 Concen: 87.557 ng
 RT: 20.03 min Scan# 2883
 Delta R.T. -0.01 min
 Lab File: BG044948.D
 Acq: 25 Mar 2020 3:59

Instrument :
 BNA_G
 ClientSampleId :
 TP-4AMS

Tot Ion	Ratio	Lower	Upper
244	100		
212	9.5	7.7	11.5
122	9.9	8.6	12.8

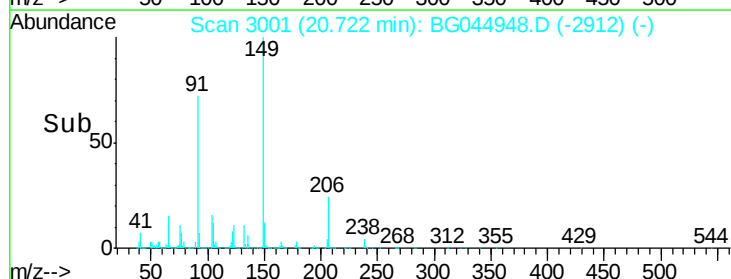
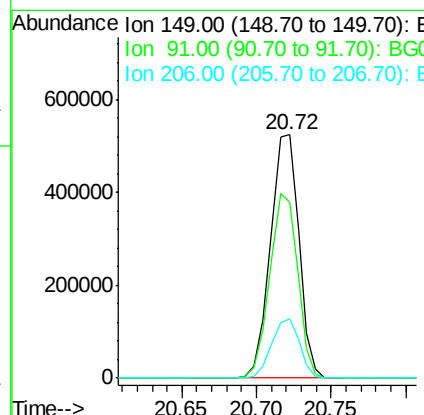
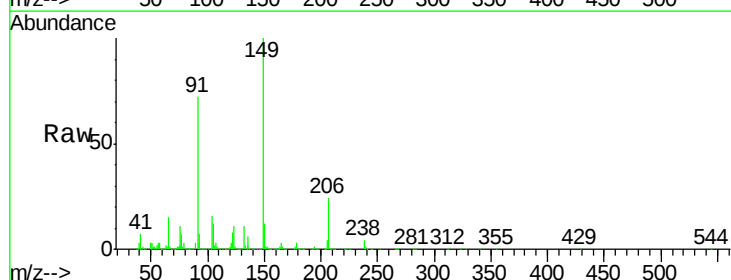
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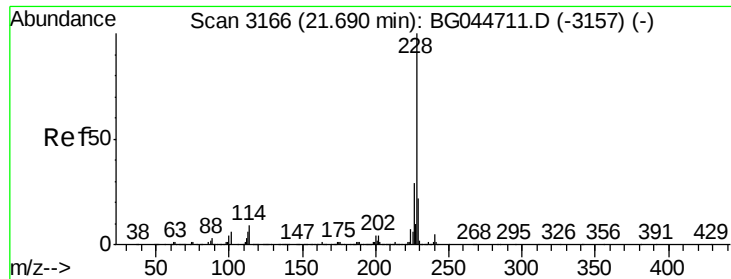
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#80
 Butylbenzylphthalate
 Concen: 47.676 ng
 RT: 20.72 min Scan# 3001
 Delta R.T. -0.01 min
 Lab File: BG044948.D
 Acq: 25 Mar 2020 3:59

Tgt Ion	Ratio	Lower	Upper
149	100		
91	72.4	60.2	90.4
206	24.4	18.6	27.8





#81

Benzo(a)anthracene

Concen: 49.831 ng

RT: 21.67 min Scan# 3162

Delta R.T. -0.01 min

Lab File: BG044948.D

Acq: 25 Mar 2020 3:59

Instrument :

BNA_G

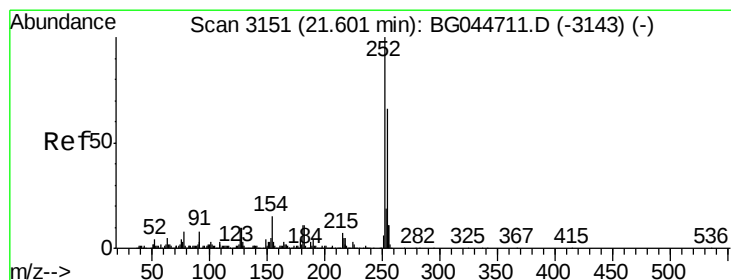
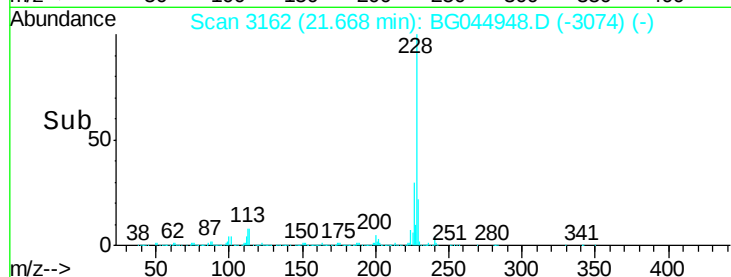
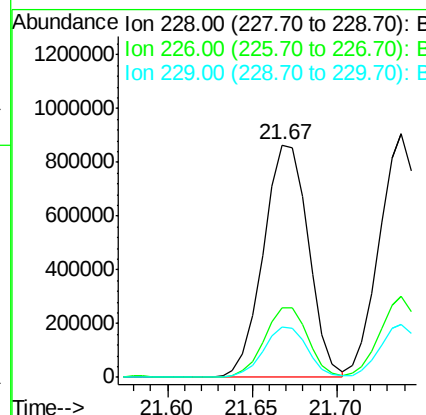
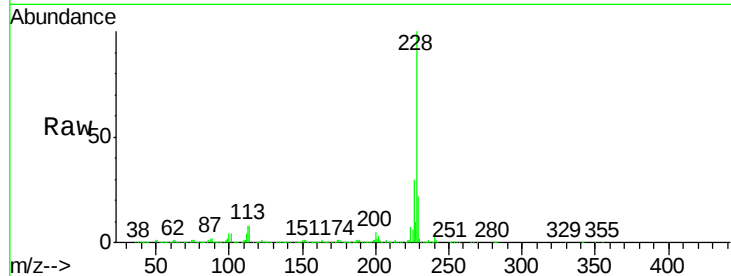
ClientSampleId :

TP-4AMS

Tot Ion:	228	Resp:	1593415
Ion	Ratio	Lower	Upper
228	100		
226	29.8	23.6	35.4
229	21.9	17.1	25.7

Manual Integrations
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#82

3,3'-Dichlorobenzidine

Concen: 31.439 ng

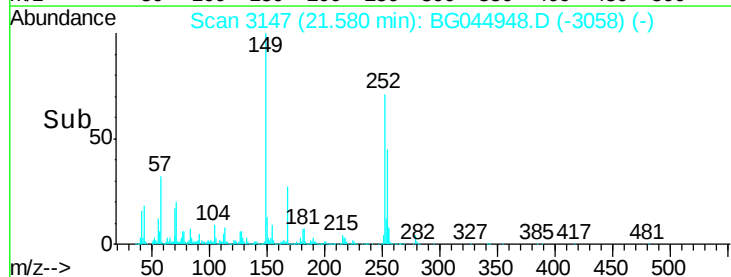
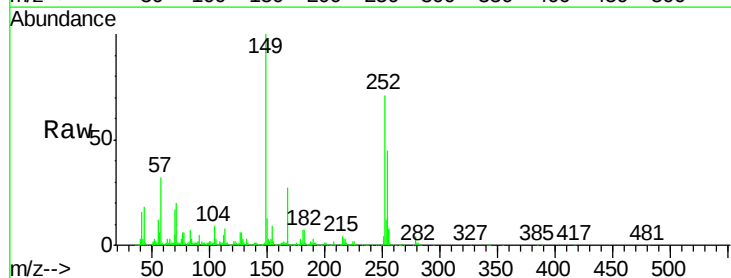
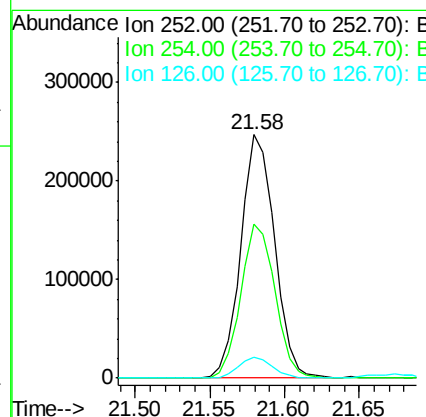
RT: 21.58 min Scan# 3147

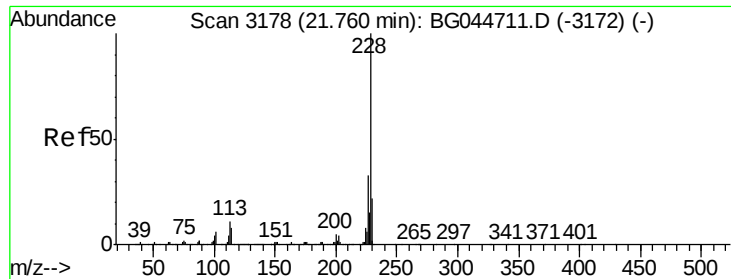
Delta R.T. -0.01 min

Lab File: BG044948.D

Acq: 25 Mar 2020 3:59

Tgt Ion:	252	Resp:	388911
Ion	Ratio	Lower	Upper
252	100		
254	63.2	51.6	77.4
126	8.5	7.0	10.6





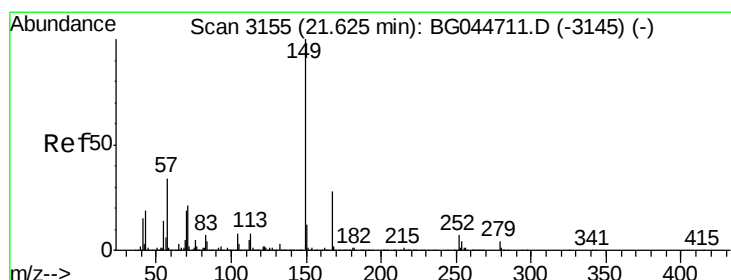
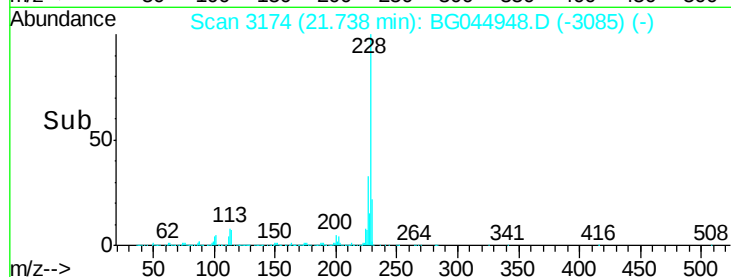
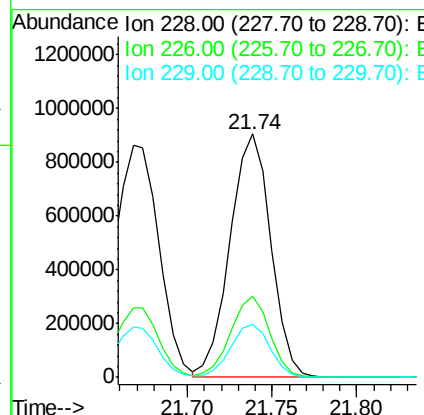
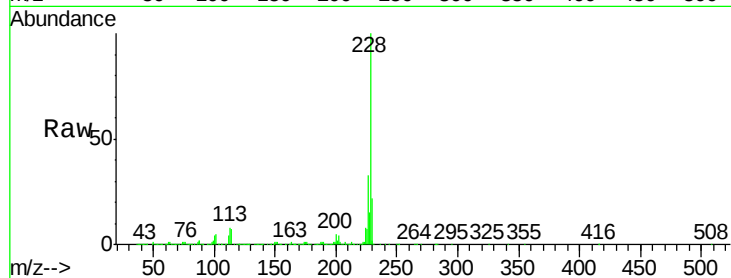
#83
Chrysene
Concen: 49.615 ng
RT: 21.74 min Scan# 3174
Delta R.T. -0.01 min
Lab File: BG044948.D
Acq: 25 Mar 2020 3:59

Instrument :
BNA_G
ClientSampleId :
TP-4AMS

Tot Ion	Ratio	Lower	Upper
228	100		
226	33.1	25.9	38.9
229	22.0	17.4	26.0

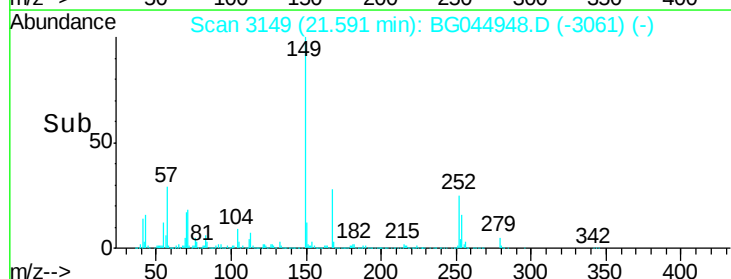
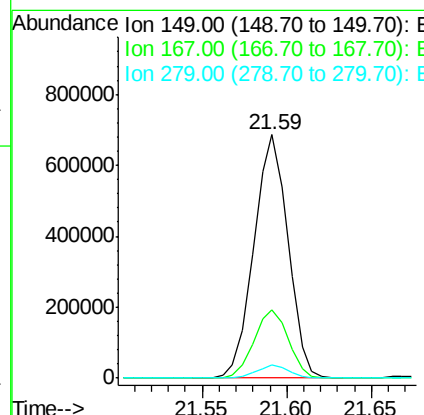
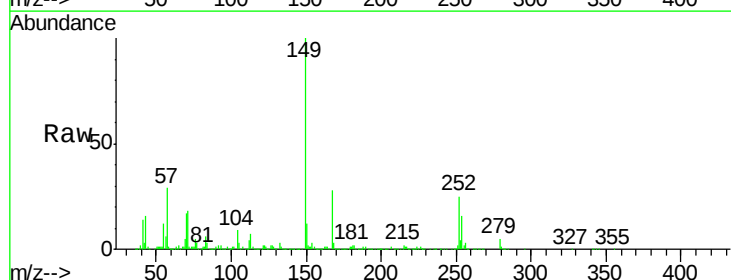
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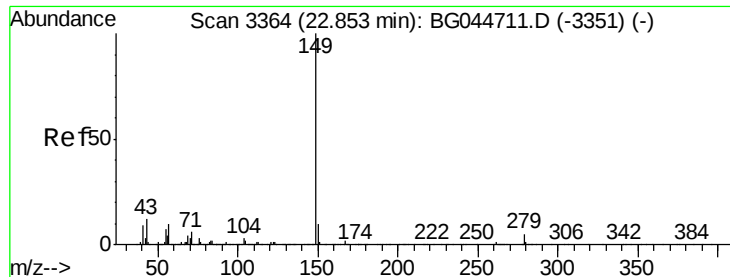
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#84
Bis(2-ethylhexyl)phthalate
Concen: 48.257 ng
RT: 21.59 min Scan# 3149
Delta R.T. -0.01 min
Lab File: BG044948.D
Acq: 25 Mar 2020 3:59

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.3	21.8	32.6
279	5.4	3.8	5.6





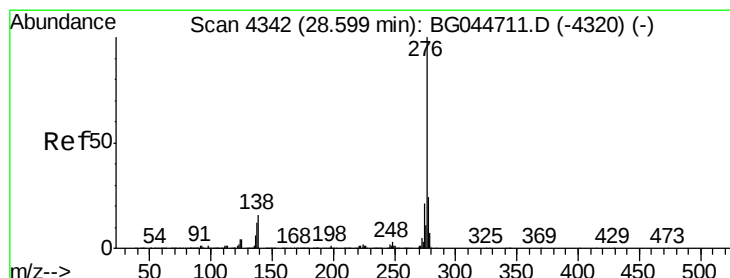
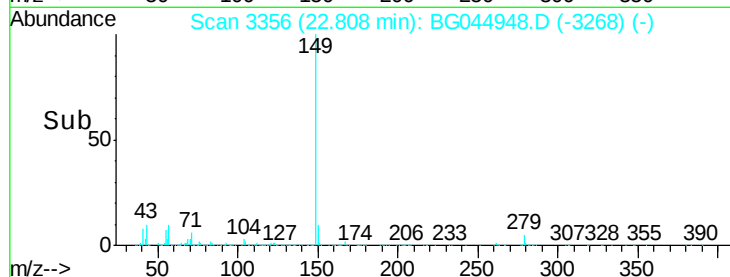
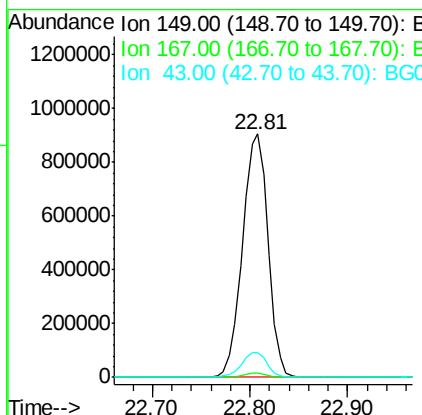
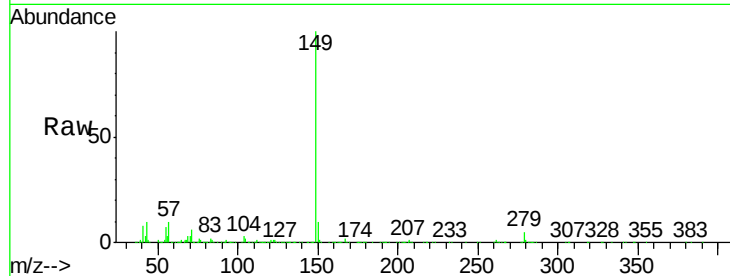
#85
Di-n-octyl phthalate
Concen: 49.375 ng
RT: 22.81 min Scan# 3356
Delta R.T. -0.01 min
Lab File: BG044948.D
Acq: 25 Mar 2020 3:59

Instrument :
BNA_G
ClientSampleId :
TP-4AMS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.4	2.0
43	9.9	8.2	12.4

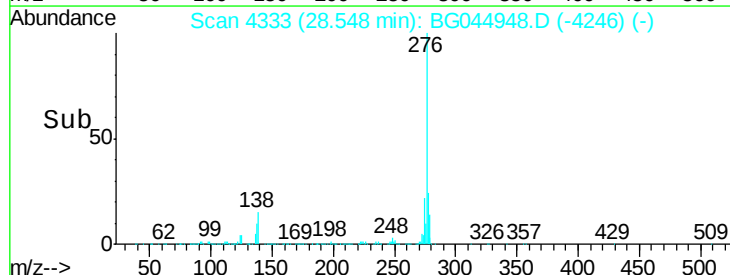
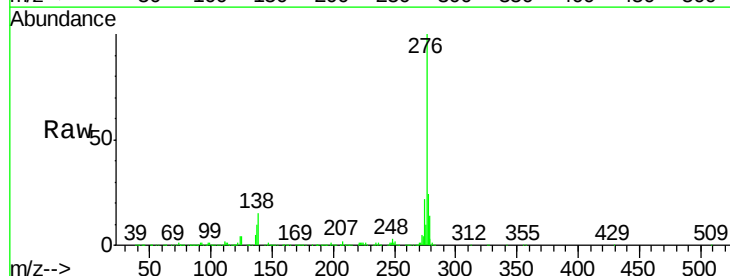
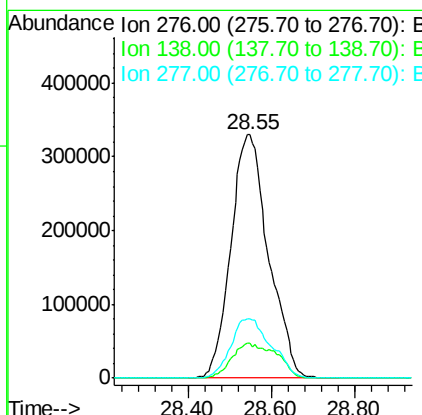
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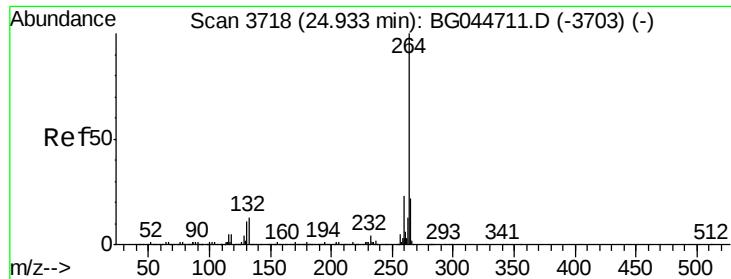
mohammad
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#86
Indeno(1,2,3-cd)pyrene
Concen: 51.749 ng
RT: 28.55 min Scan# 4333
Delta R.T. -0.02 min
Lab File: BG044948.D
Acq: 25 Mar 2020 3:59

Tgt Ion	Ratio	Lower	Upper
276	100		
138	17.1	7.4	11.0#
277	26.0	20.8	31.2





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.89 min Scan# 3711

Delta R.T. -0.01 min

Lab File: BG044948.D

Acq: 25 Mar 2020 3:59

Instrument :

BNA_G

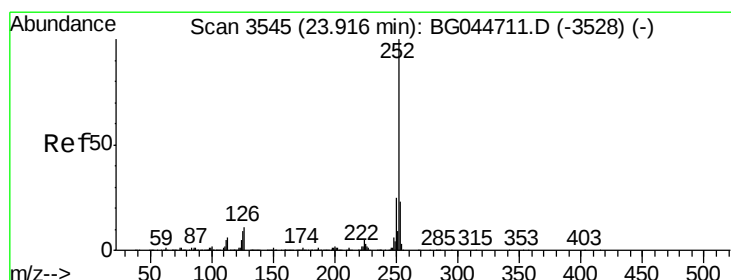
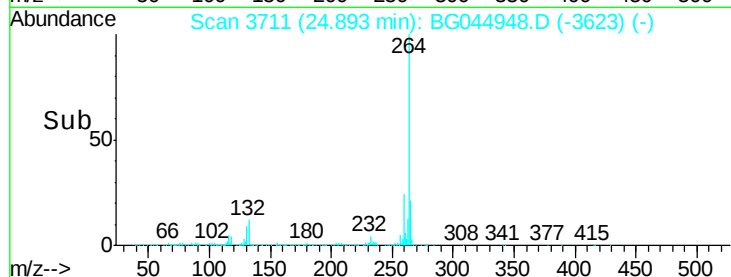
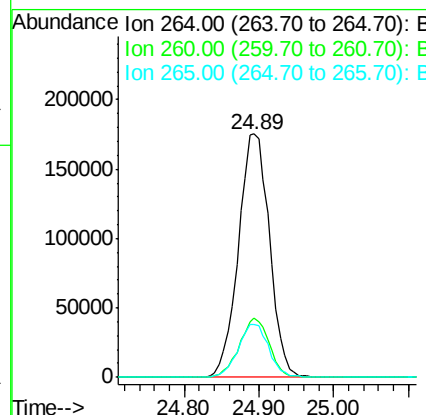
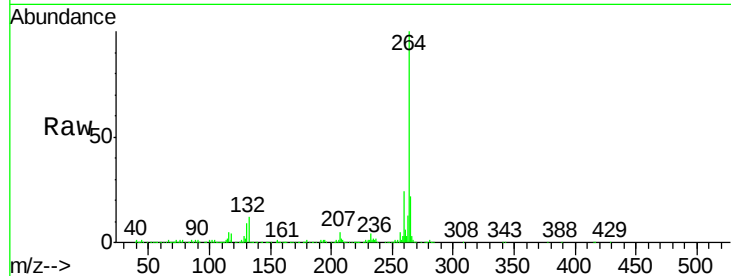
ClientSampleId :

TP-4AMS

Tot Ion:	264	Resp:	506469
Ion Ratio	Lower	Upper	
264	100		
260	24.1	18.1	27.1
265	21.6	17.1	25.7

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#88

Benzo(b)fluoranthene

Concen: 52.522 ng

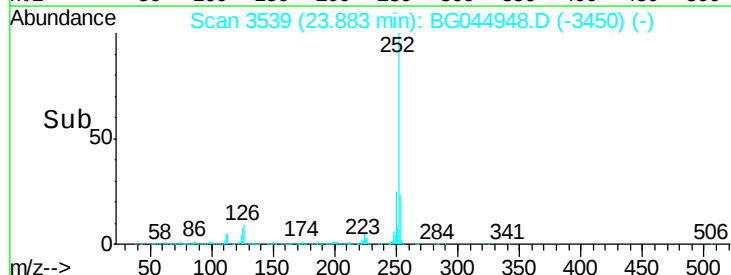
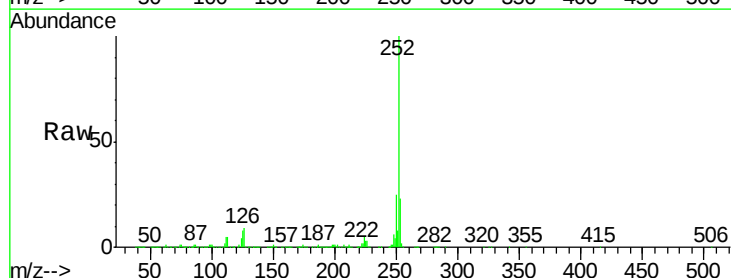
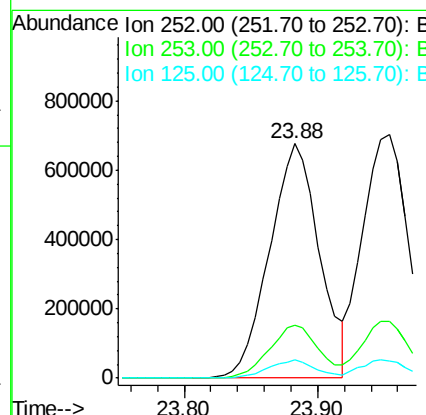
RT: 23.88 min Scan# 3539

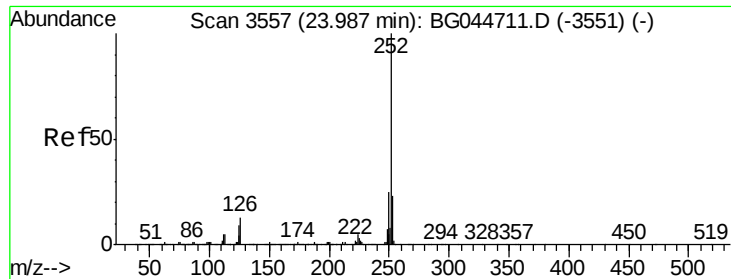
Delta R.T. -0.01 min

Lab File: BG044948.D

Acq: 25 Mar 2020 3:59

Tgt Ion:	252	Resp:	1756124
Ion Ratio	Lower	Upper	
252	100		
253	22.8	18.1	27.1
125	7.6	6.6	9.8





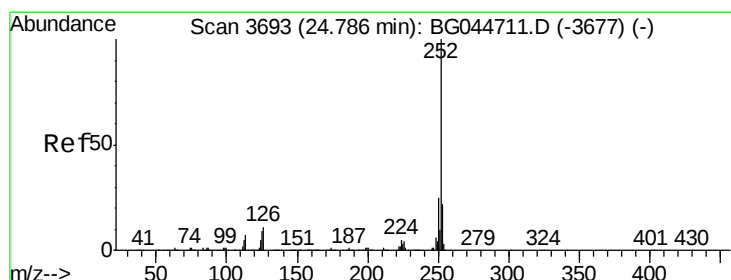
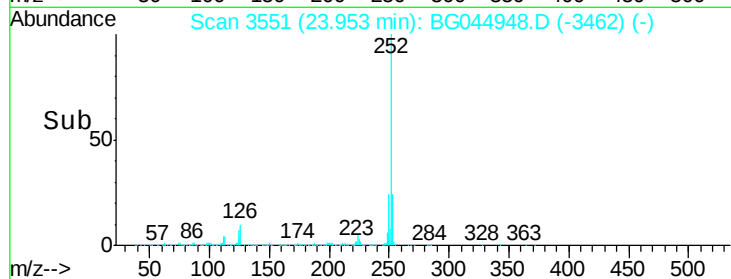
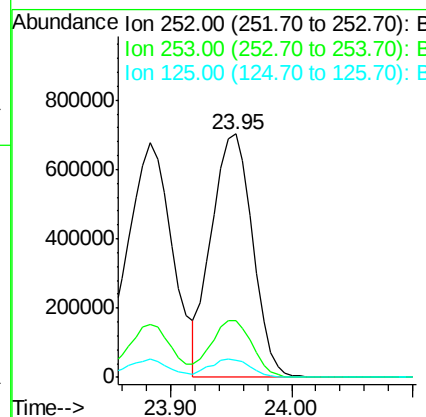
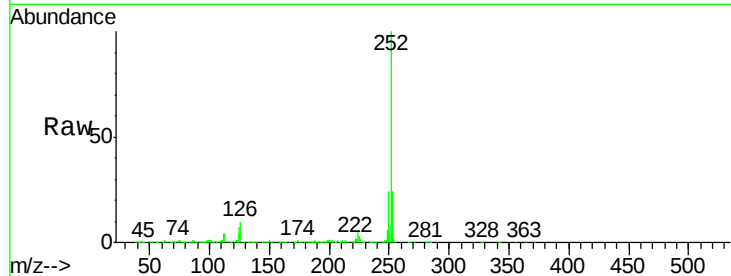
#89
Benzo(k)fluoranthene
Concen: 52.153 ng
RT: 23.95 min Scan# 3551
Delta R.T. -0.01 min
Lab File: BG044948.D
Acq: 25 Mar 2020 3:59

Instrument :
BNA_G
ClientSampleId :
TP-4AMS

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.5	27.7
125	7.1	6.2	9.2

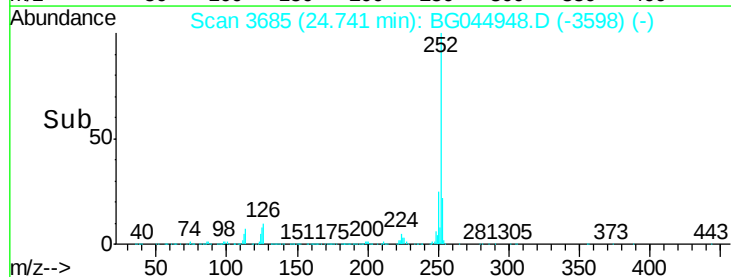
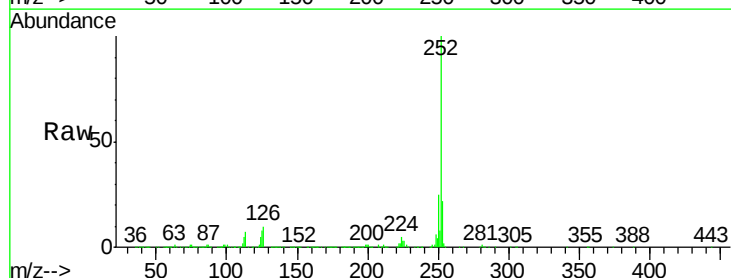
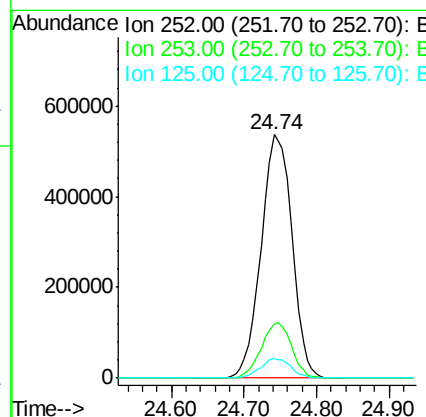
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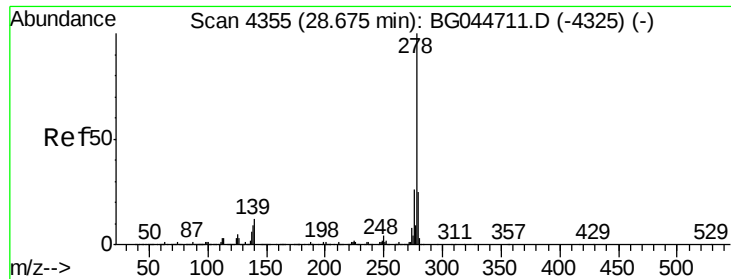
mohammad
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#90
Benzo(a)pyrene
Concen: 51.099 ng
RT: 24.74 min Scan# 3685
Delta R.T. -0.02 min
Lab File: BG044948.D
Acq: 25 Mar 2020 3:59

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	19.4	29.0
125	8.1	7.2	10.8





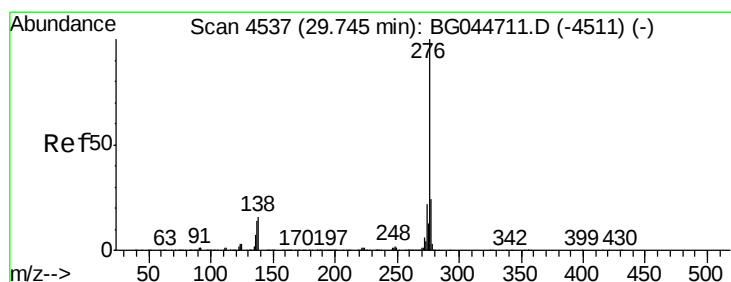
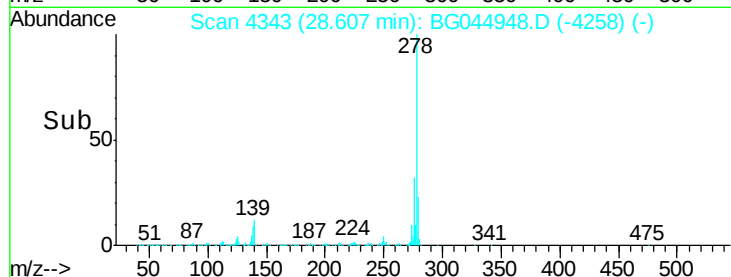
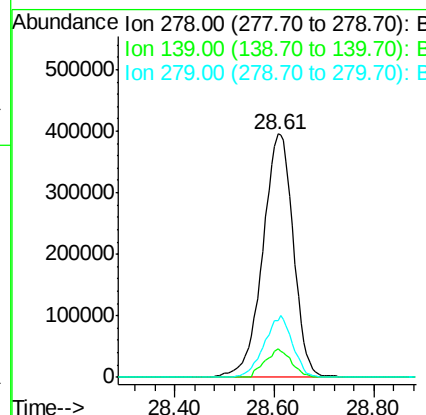
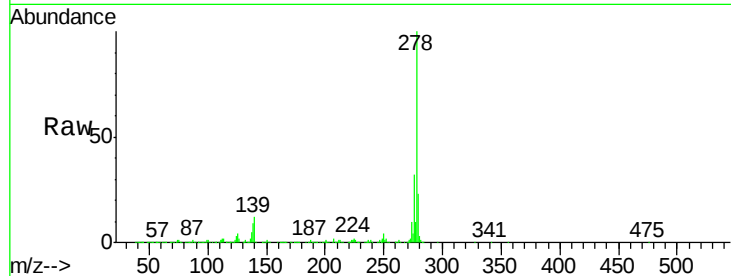
#91
Dibenzo(a,h)anthracene
Concen: 54.485 ng
RT: 28.61 min Scan# 4343
Delta R.T. -0.03 min
Lab File: BG044948.D
Acq: 25 Mar 2020 3:59

Instrument :
BNA_G
ClientSampled :
TP-4AMS

Tot Ion:278 Resp: 1681700
Ion Ratio Lower Upper
278 100
139 11.7 10.2 15.2
279 23.2 18.9 28.3

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 55.051 ng
RT: 29.68 min Scan# 4526
Delta R.T. -0.03 min
Lab File: BG044948.D
Acq: 25 Mar 2020 3:59

Tgt Ion:276 Resp: 1716735
Ion Ratio Lower Upper
276 100
277 24.8 20.1 30.1
138 13.5 13.0 19.6

