

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG032420\
 Data File : BG044949.D
 Acq On : 25 Mar 2020 4:38
 Operator : CG/JU
 Sample : L1994-04MSD
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-4AMSD

Manual Integrations
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 3/25/2020 12:27:55 PM

Quant Time: Mar 25 09:30:56 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	72682	20.00	ng	-0.01
21) Naphthalene-d8	10.85	136	283338	20.00	ng	-0.01
39) Acenaphthene-d10	14.67	164	191355	20.00	ng	-0.01
64) Phenanthrene-d10	17.42	188	441608	20.00	ng	0.00
76) Chrysene-d12	21.69	240	425107	20.00	ng	-0.01
87) Perylene-d12	24.89	264	475359	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	603051	129.16	ng	0.00
7) Phenol-d6	7.20	99	776168	114.42	ng	0.00
23) Nitrobenzene-d5	9.20	82	582354	90.19	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	397722	158.74	ng	0.00
45) 2-Fluorobiphenyl	13.30	172	1264990	94.67	ng	0.00
79) Terphenyl-d14	20.03	244	2063862	90.81	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.53	88	83263	37.032	ng	# 47
3) Pyridine	3.92	79	151646	22.783	ng	99
4) n-Nitrosodimethylamine	3.82	42	111409	44.115	ng	# 99
6) Aniline	7.37	93	137196	16.253	ng	92
8) 2-Chlorophenol	7.61	128	263103	56.449	ng	97
9) Benzaldehyde	7.17	77	209391	57.096	ng	97
10) Phenol	7.23	94	308414	45.922	ng	97
11) bis(2-Chloroethyl)ether	7.46	93	260283	48.560	ng	96
12) 1,3-Dichlorobenzene	7.93	146	293532	51.125	ng	98
13) 1,4-Dichlorobenzene	8.08	146	289392	50.983	ng	96
14) 1,2-Dichlorobenzene	8.40	146	270096	50.173	ng	95
15) Benzyl Alcohol	8.28	79	266095	48.889	ng	91
16) 2,2'-oxybis(1-Chloropropan	8.57	45	384793	40.680	ng	96
17) 2-Methylphenol	8.48	107	237490	52.203	ng	95
18) Hexachloroethane	9.13	117	111184	49.753	ng	92
19) n-Nitroso-di-n-propylamine	8.85	70	218848	45.688	ng	99
20) 3+4-Methylphenols	8.81	107	323488	51.583	ng	98
22) Acetophenone	8.86	105	403804	50.306	ng	# 99
24) Nitrobenzene	9.24	77	338369	50.505	ng	97
25) Isophorone	9.77	82	613947	48.718	ng	97
26) 2-Nitrophenol	9.96	139	152418	63.515	ng	97
27) 2,4-Dimethylphenol	10.01	122	234606	57.167	ng	94
28) bis(2-Chloroethoxy)methane	10.25	93	348423	46.329	ng	99
29) 2,4-Dichlorophenol	10.50	162	272473	56.844	ng	97
30) 1,2,4-Trichlorobenzene	10.71	180	296264	51.690	ng	96
31) Naphthalene	10.90	128	804774	51.274	ng	99
32) Benzoic acid	10.16	122	129345	41.977	ng	97
33) 4-Chloroaniline	11.00	127	29650	4.193	ng	# 94
34) Hexachlorobutadiene	11.20	225	192610	51.102	ng	89
35) Caprolactam	11.77	113	67745m	37.328	ng	
36) 4-Chloro-3-methylphenol	12.12	107	303884	53.156	ng	# 96
37) 2-Methylnaphthalene	12.51	142	607398	51.734	ng	97
38) 1-Methylnaphthalene	12.72	142	572758	51.890	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.87	216	328887	52.189	ng	98

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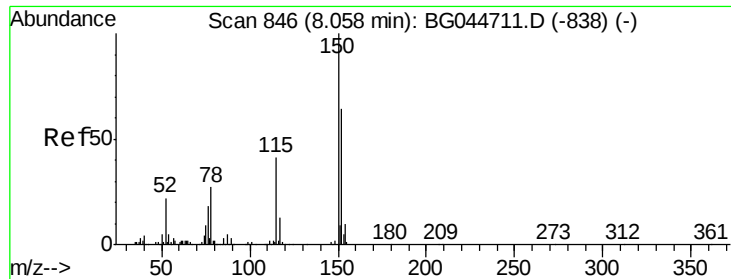
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.86	237	425731	123.614	nq	98
43) 2,4,6-Trichlorophenol	13.11	196	238910	57.125	nq	99
44) 2,4,5-Trichlorophenol	13.18	196	256226	59.075	nq	96
46) 1,1'-Biphenyl	13.51	154	759347	49.658	nq	99
47) 2-Chloronaphthalene	13.55	162	592443	50.716	nq	97
48) 2-Nitroaniline	13.75	65	214479	52.445	nq	97
49) Acenaphthylene	14.40	152	967083	52.844	nq	98
50) Dimethylphthalate	14.13	163	790168	51.846	nq	100
51) 2,6-Dinitrotoluene	14.24	165	179066	58.289	nq	97
52) Acenaphthene	14.74	154	687370	57.351	nq	97
53) 3-Nitroaniline	14.57	138	73296	20.753	nq	100
54) 2,4-Dinitrophenol	14.77	184	162434	98.982	nq	95
55) Dibenzofuran	15.07	168	919417	52.900	nq	96
56) 4-Nitrophenol	14.88	139	278349	103.265	nq	94
57) 2,4-Dinitrotoluene	15.03	165	253203	60.097	nq	92
58) Fluorene	15.72	166	771382	53.953	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.30	232	248582	62.252	nq	97
60) Diethylphthalate	15.49	149	815058	51.275	nq	98
61) 4-Chlorophenyl-phenylether	15.71	204	411126	53.404	nq	98
62) 4-Nitroaniline	15.73	138	182329	48.413	nq	91
63) Azobenzene	16.01	77	805079	48.772	nq	98
65) 4,6-Dinitro-2-methylphenol	15.80	198	138428	63.615	nq	92
66) n-Nitrosodiphenylamine	15.93	169	699411	52.605	nq	99
67) 4-Bromophenyl-phenylether	16.61	248	288384	52.237	nq	96
68) Hexachlorobenzene	16.73	284	317243	52.967	nq	99
69) Atrazine	16.88	200	285535	58.618	nq	99
70) Pentachlorophenol	17.07	266	376169	114.148	nq	99
71) Phenanthrene	17.46	178	1241715	52.618	nq	99
72) Anthracene	17.55	178	1267925	54.488	nq	99
73) Carbazole	17.82	167	1191554	53.308	nq	99
74) Di-n-butylphthalate	18.39	149	1420122	52.265	nq	99
75) Fluoranthene	19.47	202	1557122	55.417	nq	99
77) Benzidine	19.64	184	120818	8.755	nq	94
78) Pyrene	19.83	202	1552624	49.781	nq	99
80) Butylbenzylphthalate	20.72	149	656463	47.312	nq	97
81) Benzo(a)anthracene	21.67	228	1486072	48.547	nq	100
82) 3,3'-Dichlorobenzidine	21.58	252	269001	22.715	nq	98
83) Chrysene	21.74	228	1424503	48.717	nq	100
84) Bis(2-ethylhexyl)phthalate	21.59	149	910972	47.572	nq	98
85) Di-n-octyl phthalate	22.81	149	1558371	48.631	nq	99
86) Indeno(1,2,3-cd)pyrene	28.55	276	1942772	50.679	nq	# 94
88) Benzo(b)fluoranthene	23.88	252	1655601	52.756	nq	99
89) Benzo(k)fluoranthene	23.95	252	1565944	52.729	nq	99
90) Benzo(a)pyrene	24.74	252	1521509	51.815	nq	97
91) Dibenzo(a,h)anthracene	28.61	278	1564334	53.999	nq	# 97
92) Benzo(g,h,i)perylene	29.68	276	1583079	54.087	nq	96

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



#1

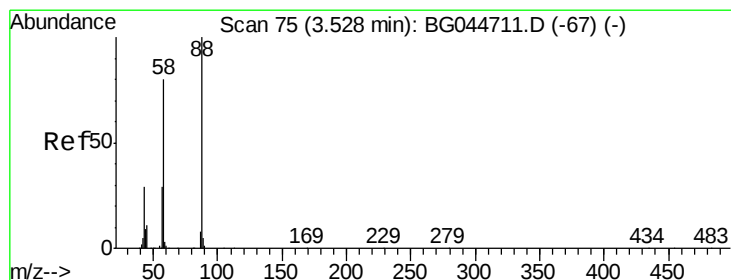
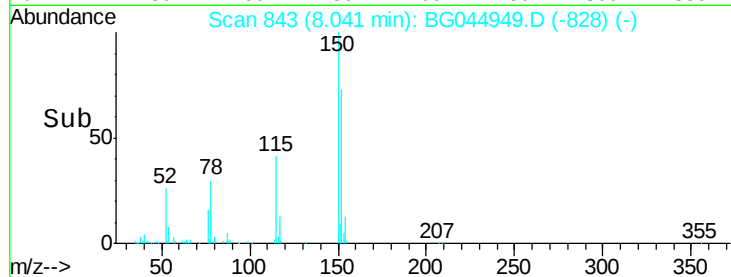
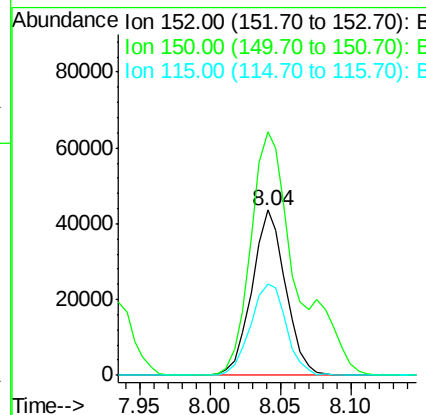
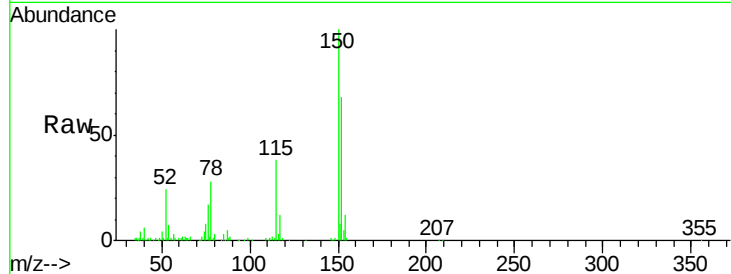
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.01 min
Lab File: BG044949.D
Acq: 25 Mar 2020 4:38

Instrument :
BNA_G
ClientSampleId :
TP-4AMSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	147.5	128.8	193.2
115	55.6	52.6	79.0

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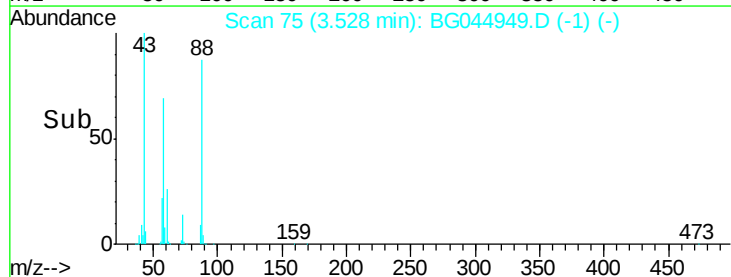
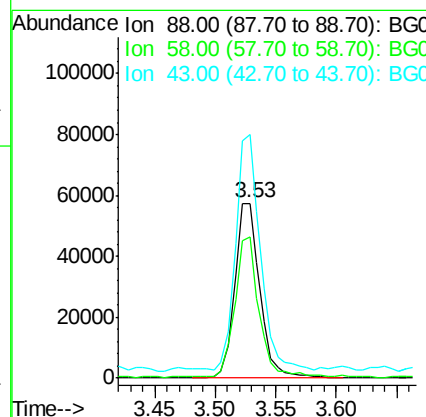
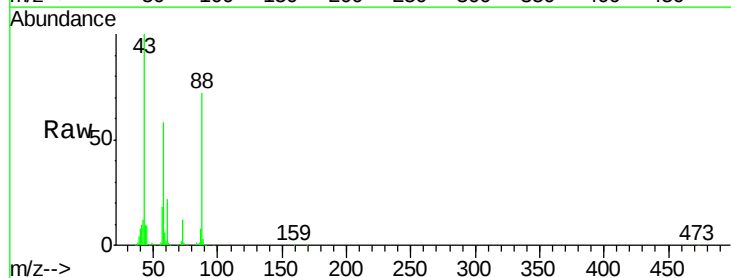
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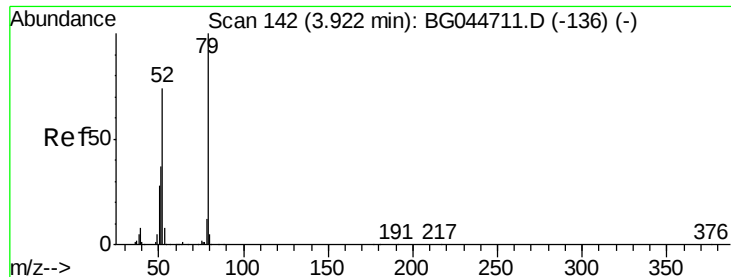


#2

1,4-Dioxane
Concen: 37.032 ng
RT: 3.53 min Scan# 75
Delta R.T. 0.00 min
Lab File: BG044949.D
Acq: 25 Mar 2020 4:38

Tgt Ion	Ratio	Lower	Upper
88	100		
58	76.2	63.0	94.4
43	130.8	24.8	37.2





#3

Pvridine

Concen: 22.783 ng

RT: 3.92 min Scan# 142

Delta R.T. 0.01 min

Lab File: BG044949.D

Acq: 25 Mar 2020 4:38

Instrument :

BNA_G

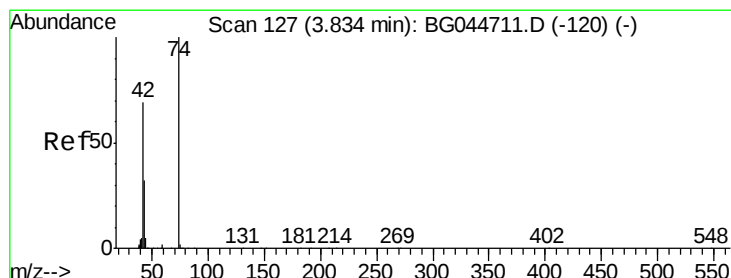
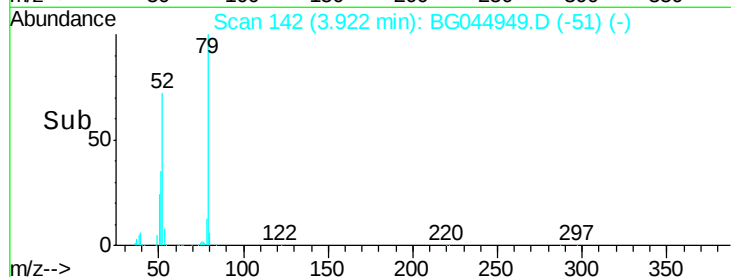
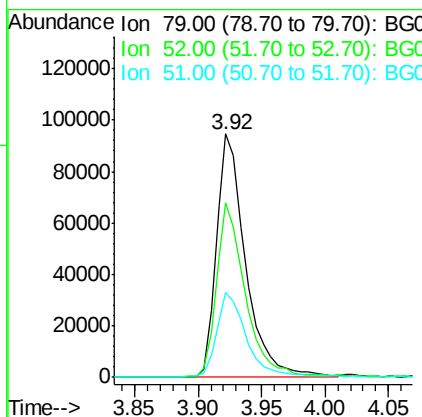
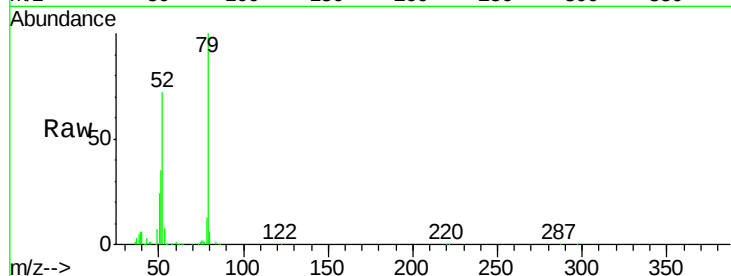
ClientSampleId :

TP-4AMSD

Tot Ion:	79	Resp:	151646
Ion	Ratio	Lower	Upper
79	100		
52	71.6	56.3	84.5
51	35.1	28.1	42.1

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#4

n-Nitrosodimethylamine

Concen: 44.115 ng

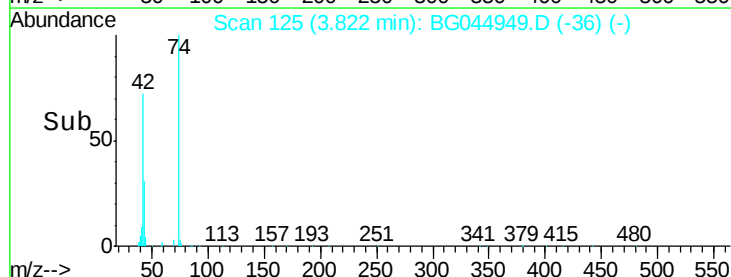
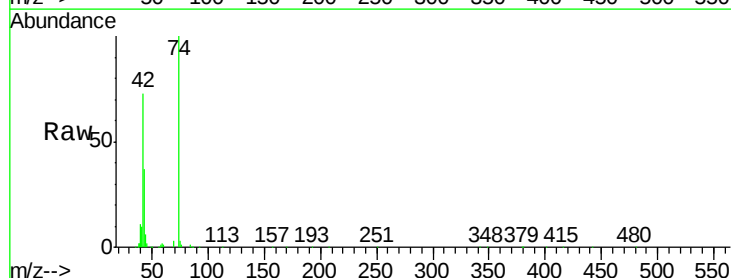
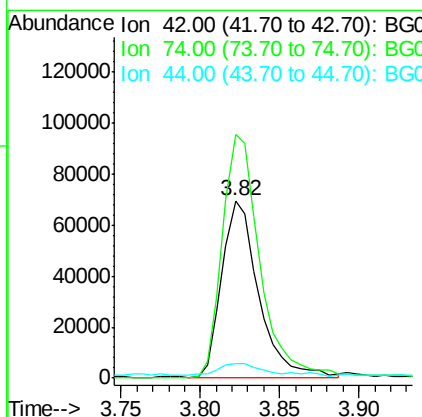
RT: 3.82 min Scan# 125

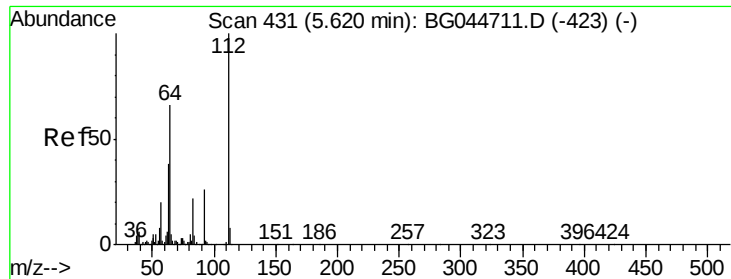
Delta R.T. -0.01 min

Lab File: BG044949.D

Acq: 25 Mar 2020 4:38

Tgt Ion:	42	Resp:	111409
Ion	Ratio	Lower	Upper
42	100		
74	137.1	109.1	163.7
44	8.3	5.4	8.2#





#5

2-Fluorophenol

Concen: 129.161 ng

RT: 5.61 min Scan# 430

Delta R.T. 0.00 min

Lab File: BG044949.D

Acq: 25 Mar 2020 4:38

Instrument :

BNA_G

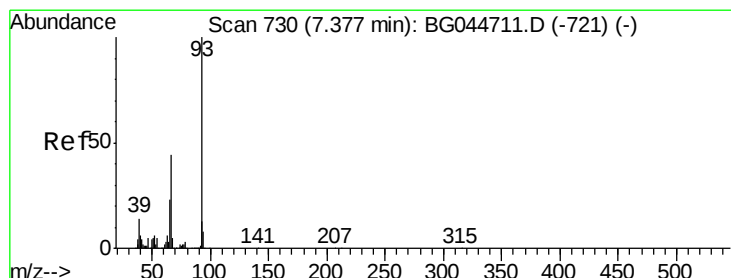
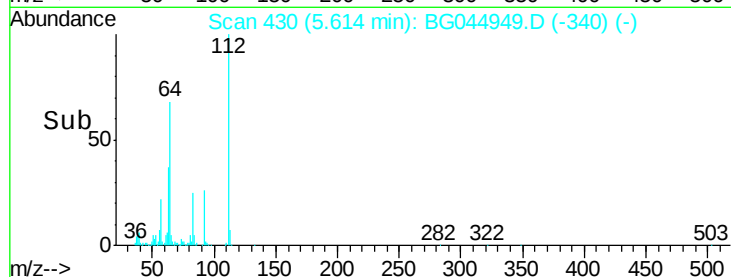
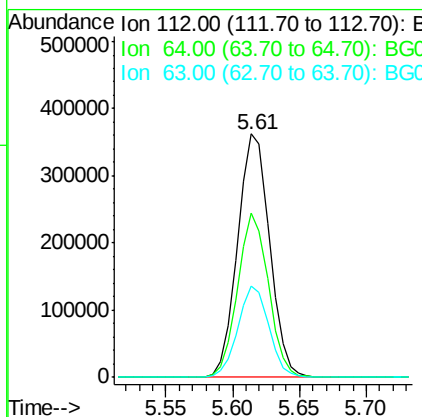
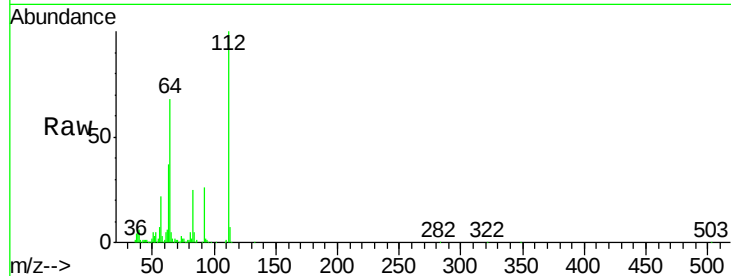
ClientSampleId :

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Tot Ion:	112	Resp:	603051
Ion Ratio	Lower	Upper	
112	100		
64	67.7	53.4	80.2
63	37.5	29.4	44.2

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#6

Aniline

Concen: 16.253 ng

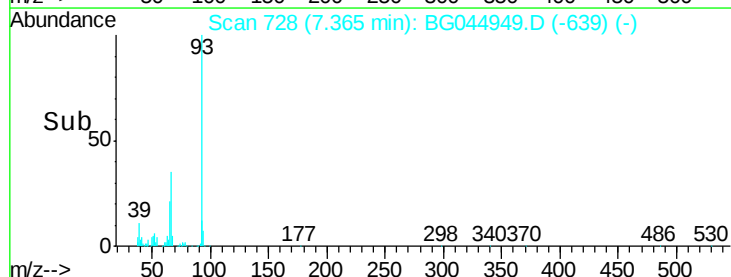
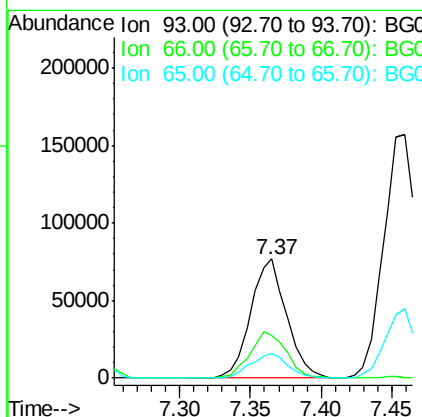
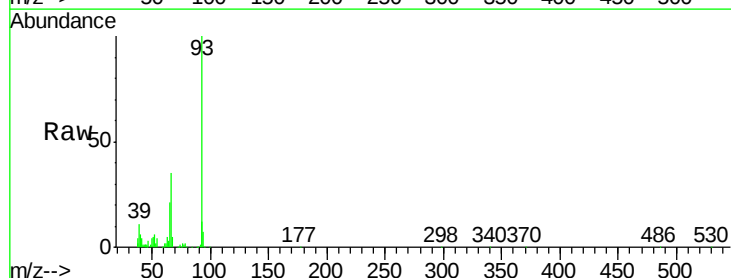
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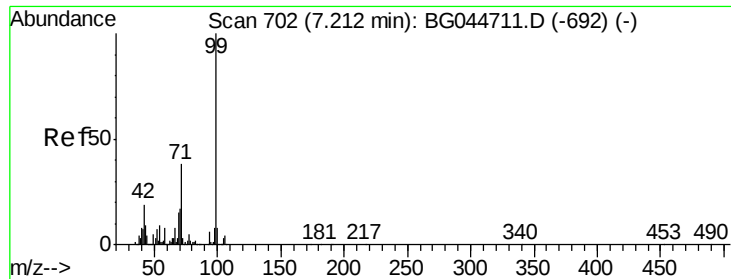
Delta R.T. -0.01 min

Lab File: BG044949.D

Acq: 25 Mar 2020 4:38

Tgt Ion:	93	Resp:	137196
Ion Ratio	Lower	Upper	
93	100		
66	35.5	33.7	50.5
65	20.9	17.7	26.5





#7

Phenol-d6

Concen: 114.416 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.01 min

Lab File: BG044949.D

Acq: 25 Mar 2020 4:38

Instrument :

BNA_G

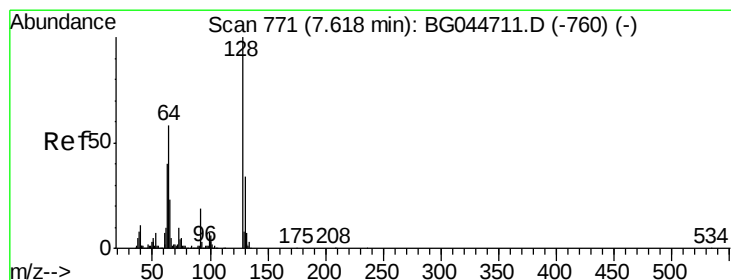
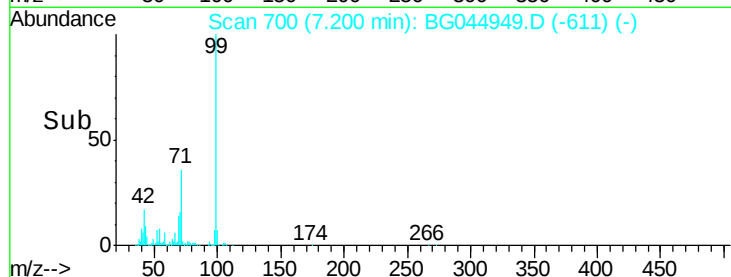
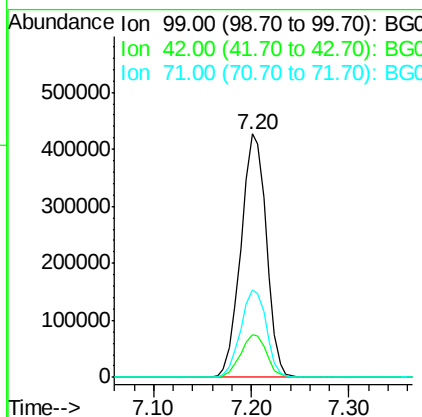
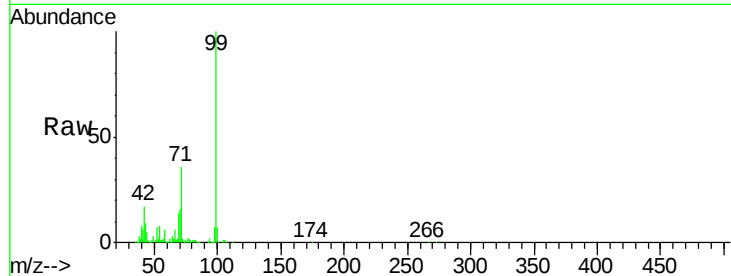
ClientSampleId :

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Tot Ion:	99	Resp:	776168
Ion Ratio	Lower	Upper	
99	100		
42	17.3	12.6	19.0
71	36.2	29.0	43.4

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#8

2-Chlorophenol

Concen: 56.449 ng

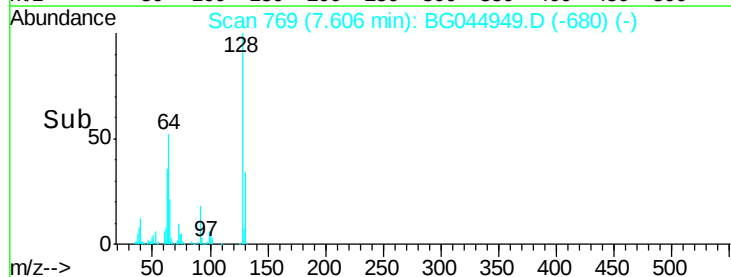
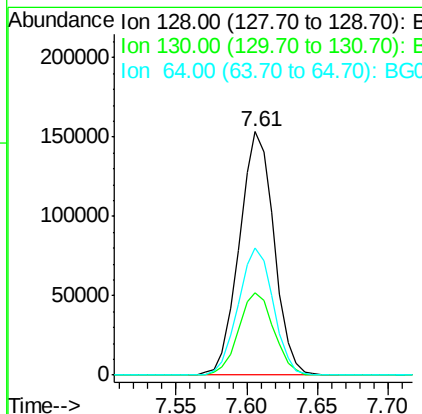
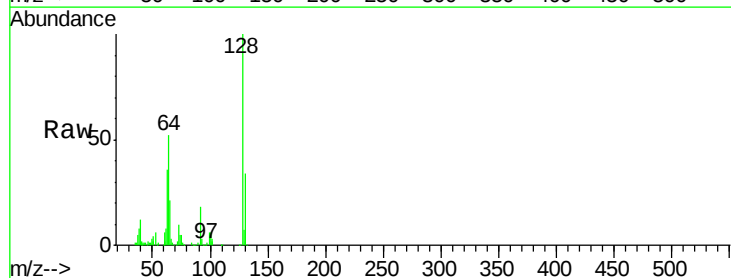
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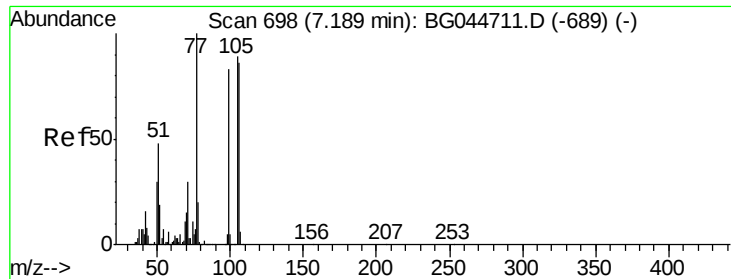
Delta R.T. -0.01 min

Lab File: BG044949.D

Acq: 25 Mar 2020 4:38

Tgt Ion:	128	Resp:	263103
Ion Ratio	Lower	Upper	
128	100		
130	33.7	11.6	51.6
64	52.2	34.5	74.5





#9

Benzaldehyde

Concen: 57.096 ng

RT: 7.17 min Scan# 695

Delta R.T. -0.01 min

Lab File: BG044949.D

Acq: 25 Mar 2020 4:38

Instrument :

BNA_G

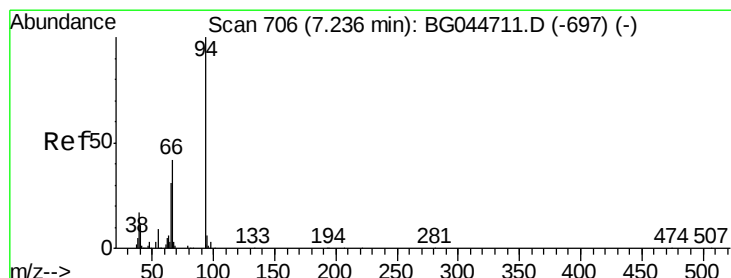
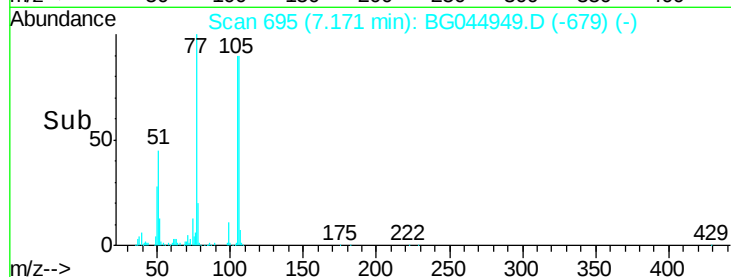
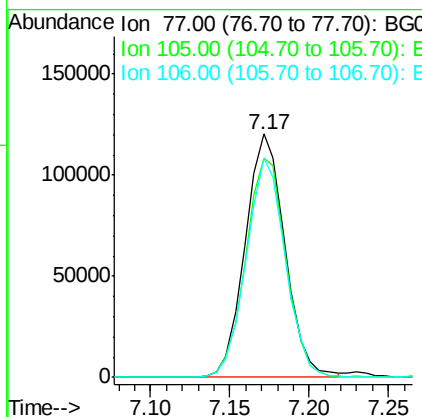
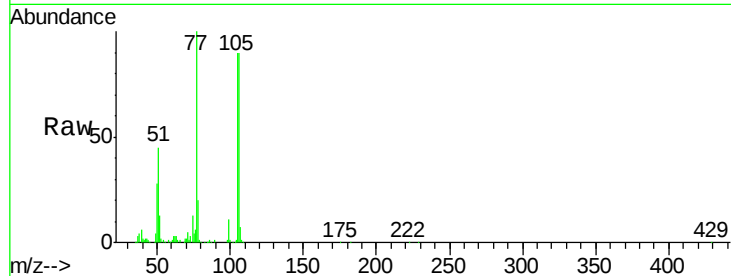
ClientSampleId :

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Tot Ion:	77	Resp:	209391
Ion	Ratio	Lower	Upper
77	100		
105	90.3	69.3	109.3
106	89.8	64.5	104.5

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#10

Phenol

Concen: 45.922 ng

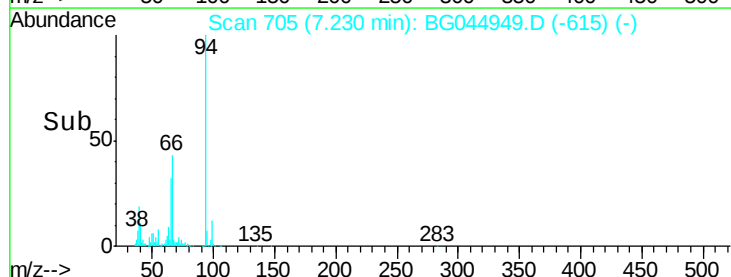
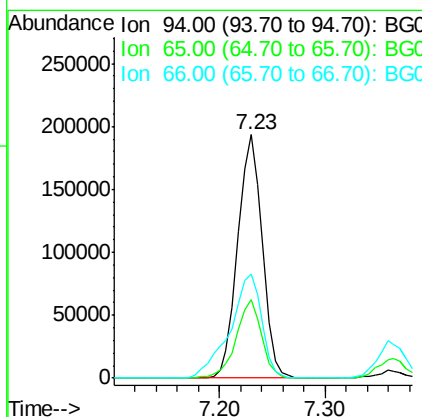
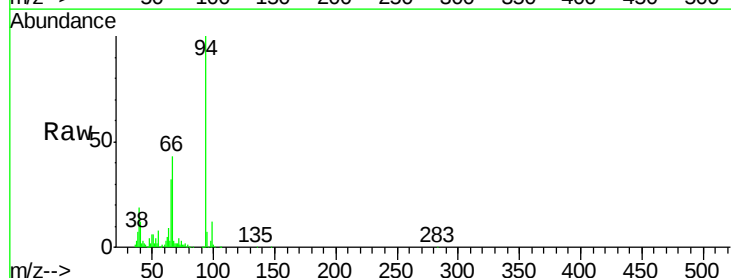
RT: 7.23 min Scan# 705

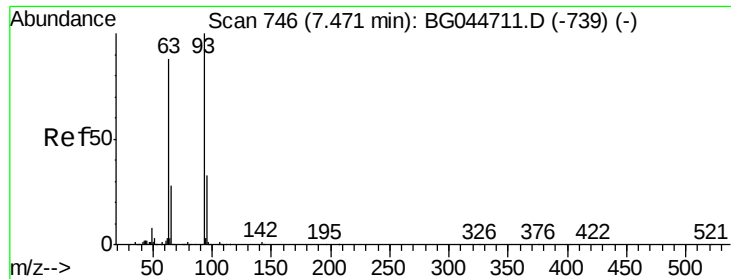
Delta R.T. 0.00 min

Lab File: BG044949.D

Acq: 25 Mar 2020 4:38

Tgt Ion:	94	Resp:	308414
Ion	Ratio	Lower	Upper
94	100		
65	32.3	11.0	51.0
66	42.7	20.1	60.1





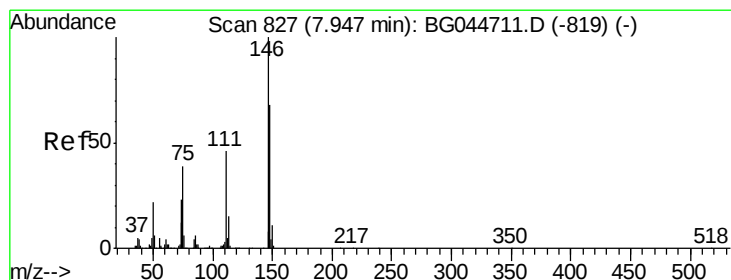
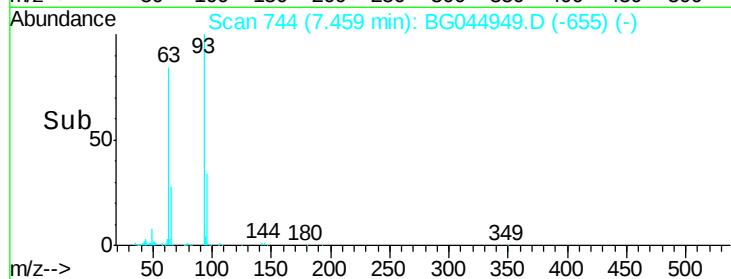
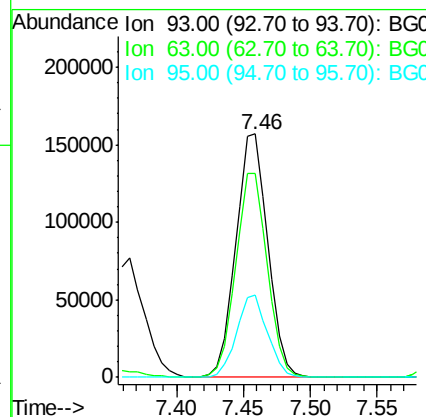
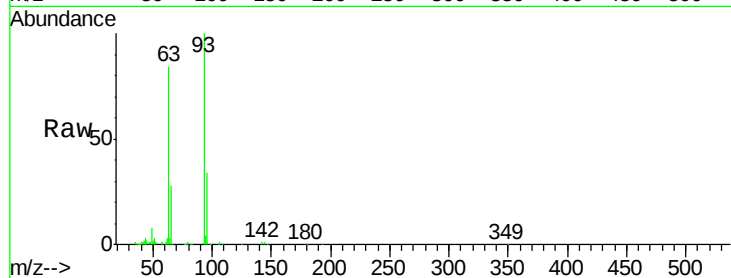
#11
bis(2-Chloroethyl)ether
Concen: 48.560 ng
RT: 7.46 min Scan# 744
Delta R.T. -0.01 min
Lab File: BG044949.D
Acq: 25 Mar 2020 4:38

Instrument :
BNA_G
ClientSampleId :
TP-4AMSD

Tot Ion	Ratio	Resp	Lower	Upper
93	100	260283		
63	83.7		59.7	99.7
95	33.9		13.1	53.1

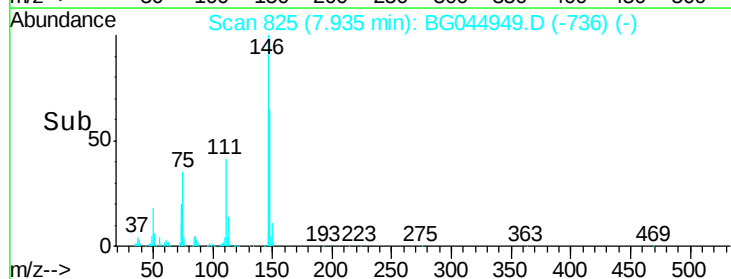
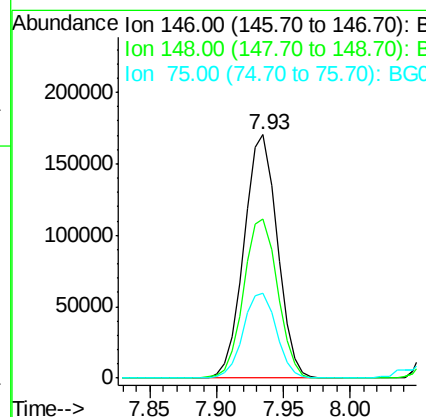
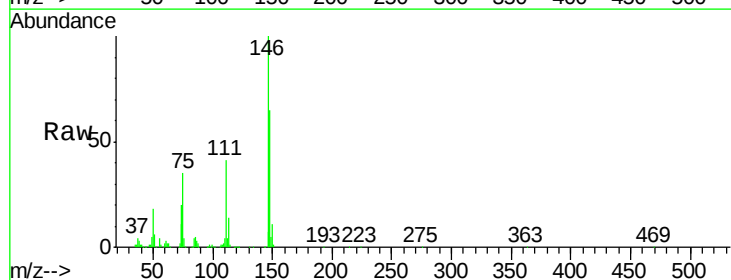
Manual Integrations
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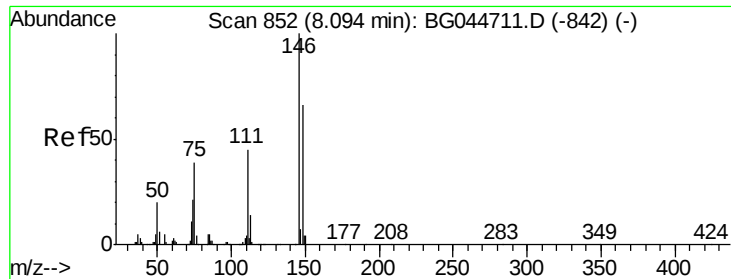
mohammad
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#12
1,3-Dichlorobenzene
Concen: 51.125 ng
RT: 7.93 min Scan# 825
Delta R.T. -0.01 min
Lab File: BG044949.D
Acq: 25 Mar 2020 4:38

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	293532		
148	65.4		54.2	81.4
75	34.8		28.6	42.8





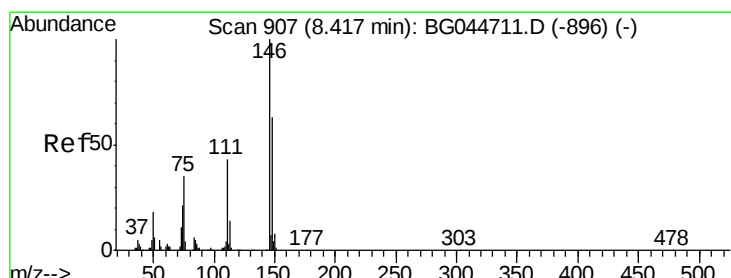
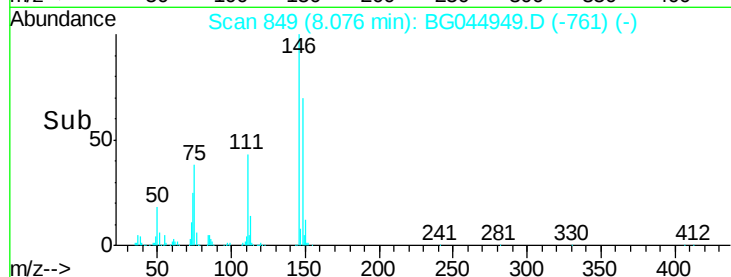
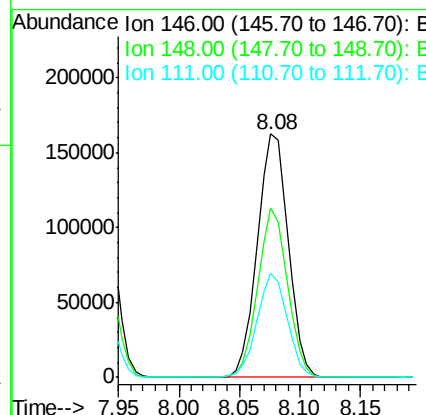
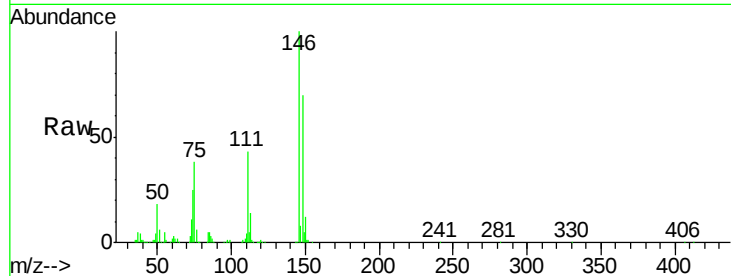
#13
 1,4-Dichlorobenzene
 Concen: 50.983 ng
 RT: 8.08 min Scan# 849
 Delta R.T. -0.01 min
 Lab File: BG044949.D
 Acq: 25 Mar 2020 4:38

Instrument :
 BNA_G
 ClientSampleId :
 TP-4AMSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	69.5	53.8	80.6
111	42.8	32.0	48.0

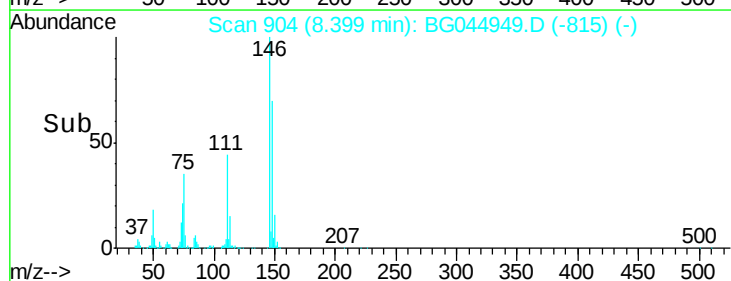
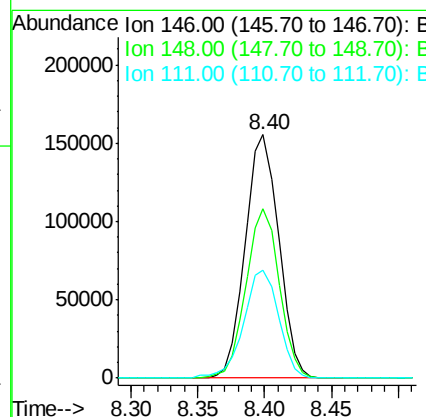
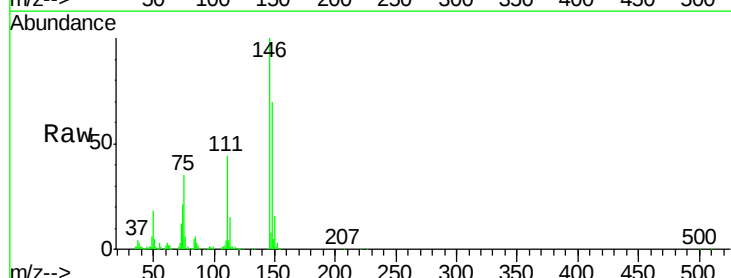
Manual Integrations
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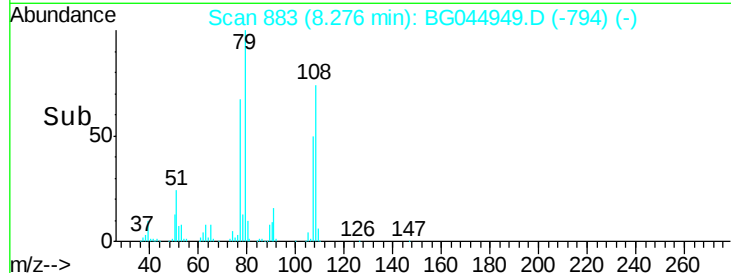
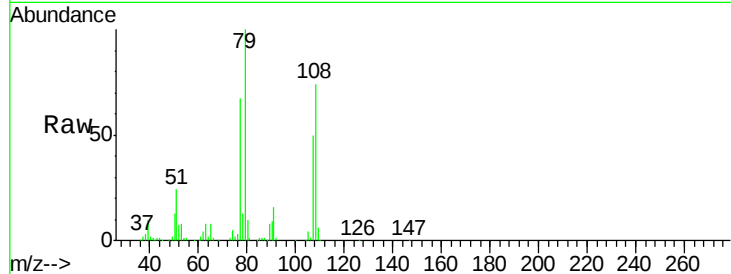
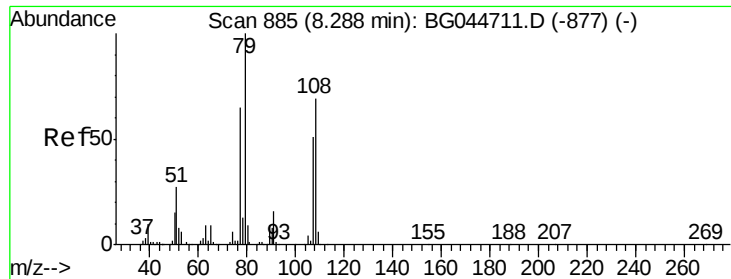
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 50.173 ng
 RT: 8.40 min Scan# 904
 Delta R.T. -0.01 min
 Lab File: BG044949.D
 Acq: 25 Mar 2020 4:38

Tgt Ion	Ratio	Lower	Upper
146	100		
148	69.5	52.1	78.1
111	44.4	33.4	50.2





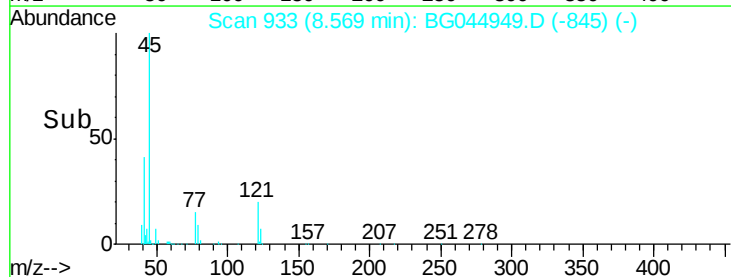
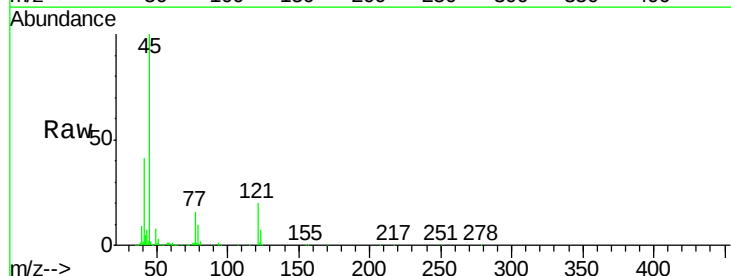
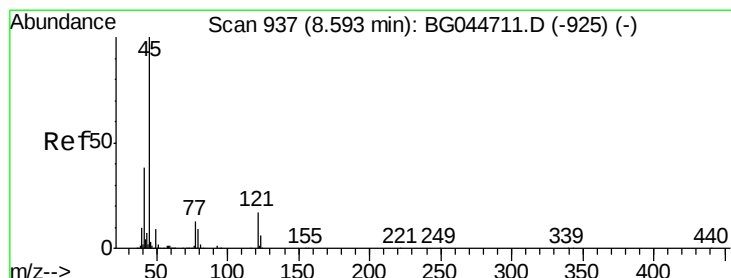
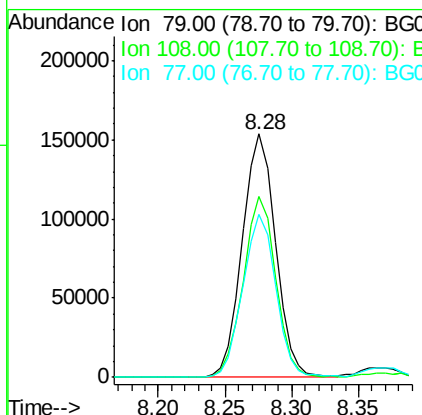
#15
Benzyl Alcohol
Concen: 48.889 ng
RT: 8.28 min Scan# 883
Delta R.T. -0.01 min
Lab File: BG044949.D
Acq: 25 Mar 2020 4:38

Tot Ion	Ratio	Lower	Upper
79	100		
108	74.0	53.8	80.8
77	66.9	47.8	71.8

Instrument :
BNA_G
ClientSampleId :
TP-4AMSD

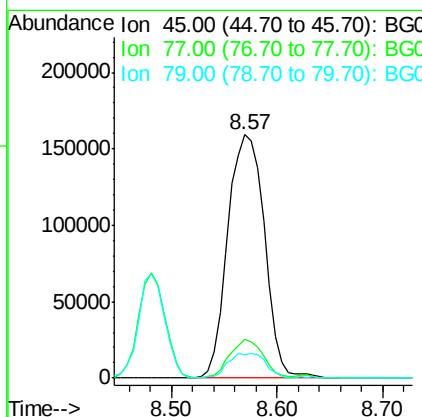
Manual Integrations
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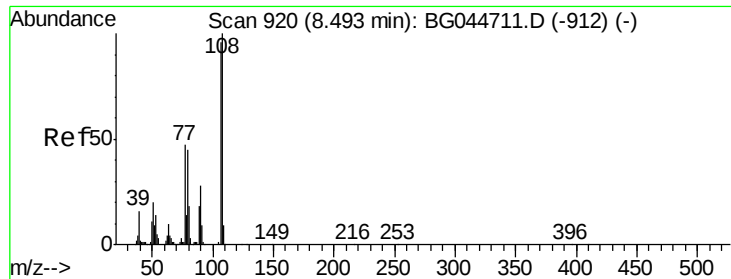
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.680 ng
RT: 8.57 min Scan# 933
Delta R.T. -0.01 min
Lab File: BG044949.D
Acq: 25 Mar 2020 4:38

Tgt Ion	Ratio	Lower	Upper
45	100		
77	15.9	0.0	33.9
79	9.5	0.0	30.8





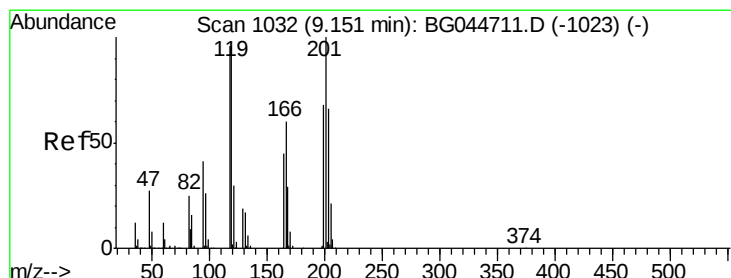
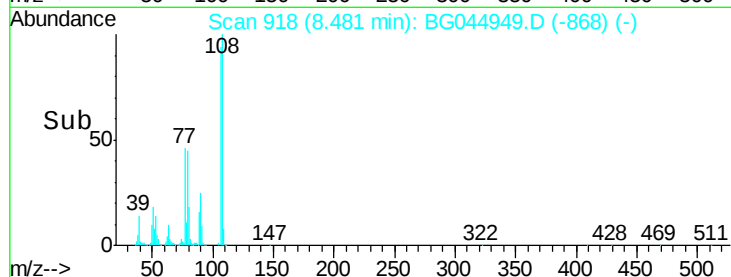
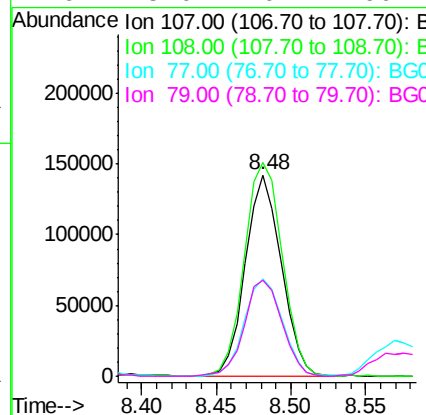
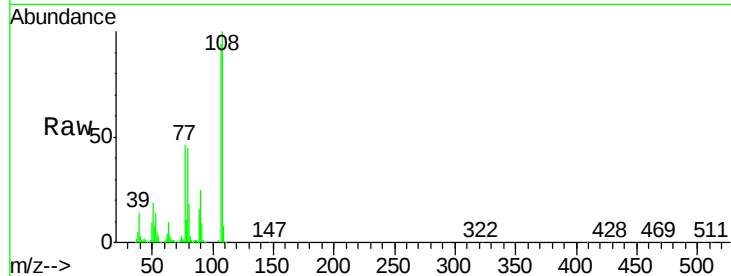
#17
2-Methylphenol
Concen: 52.203 ng
RT: 8.48 min Scan# 918
Delta R.T. -0.01 min
Lab File: BG044949.D
Acq: 25 Mar 2020 4:38

Instrument :
BNA_G
ClientSampleId :
TP-4AMSD

Tot Ion	107	Resp	237490
Ion Ratio	Lower	Upper	
107	100		
108	106.1	91.8	137.8
77	48.6	40.0	60.0
79	48.0	40.2	60.2

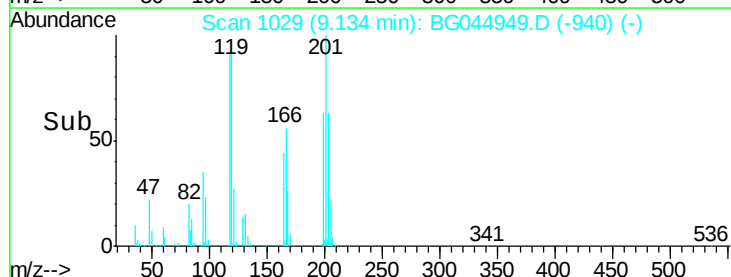
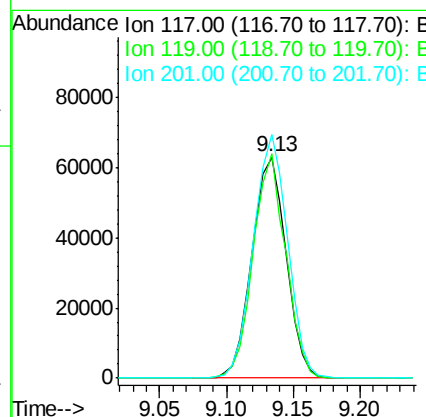
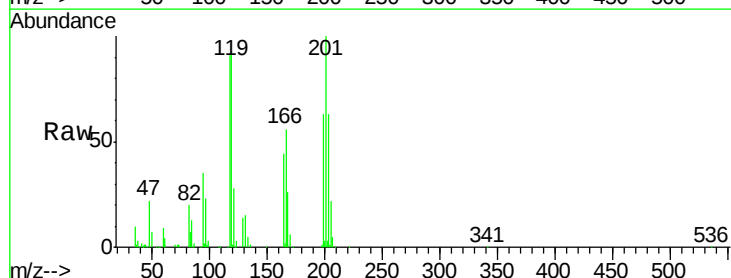
Manual Integrations
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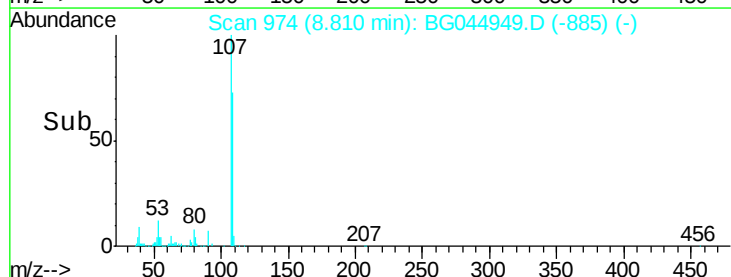
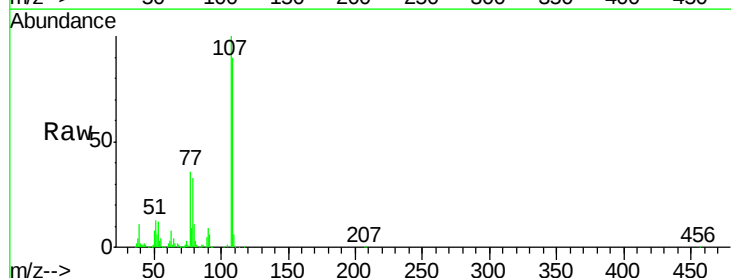
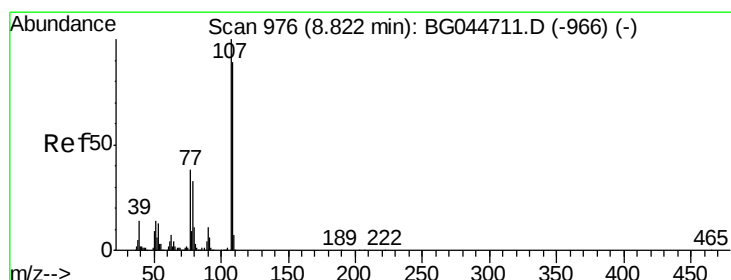
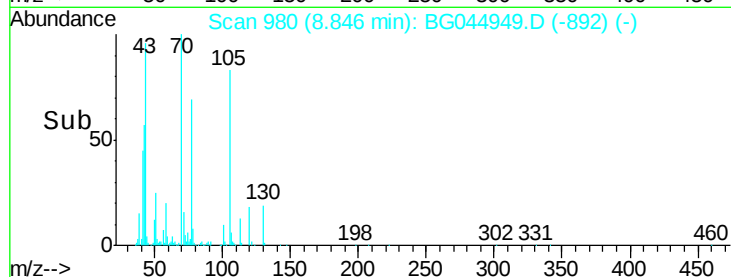
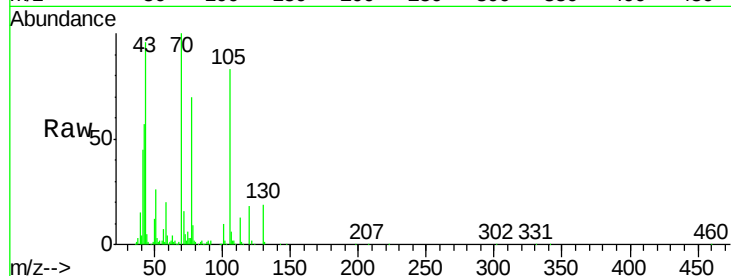
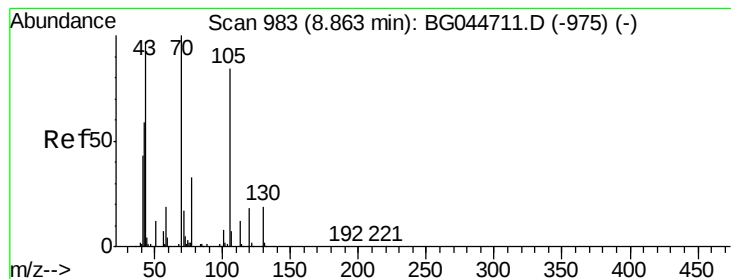
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#18
Hexachloroethane
Concen: 49.753 ng
RT: 9.13 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BG044949.D
Acq: 25 Mar 2020 4:38

Tgt Ion	117	Resp	111184
Ion Ratio	Lower	Upper	
117	100		
119	101.7	75.2	112.8
201	110.3	81.1	121.7





#19

n-Nitroso-di-n-propylamine

Concen: 45.688 ng

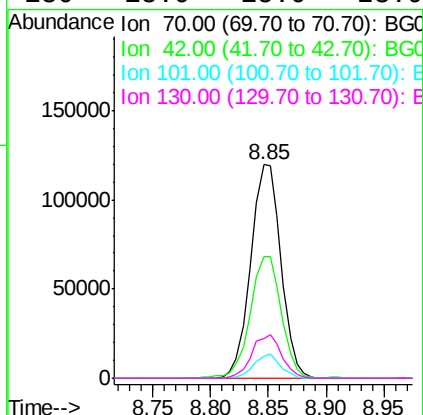
RT: 8.85 min Scan# 980

Delta R.T. -0.01 min

Lab File: BG044949.D

Acq: 25 Mar 2020 4:38

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	56.9	45.7	68.5	
101	10.0	7.4	11.2	
130	18.9	15.9	23.9	



Instrument :

BNA_G

ClientSampleId :

TP-4AMSD

Manual Integrations
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#20

3+4-Methylphenols

Concen: 51.583 ng

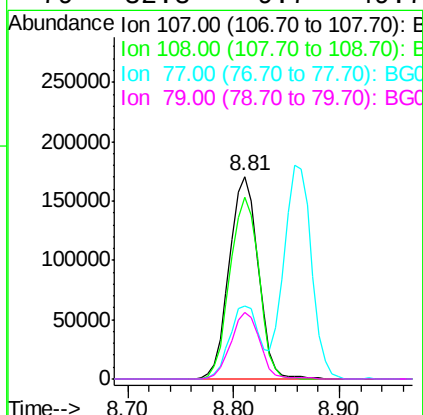
RT: 8.81 min Scan# 974

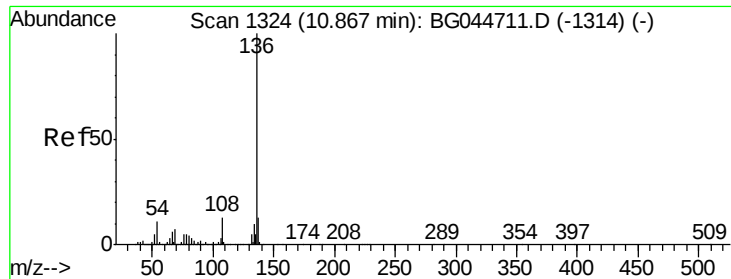
Delta R.T. -0.01 min

Lab File: BG044949.D

Acq: 25 Mar 2020 4:38

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	89.9	71.3	111.3	
77	36.3	16.9	56.9	
79	32.8	9.7	49.7	





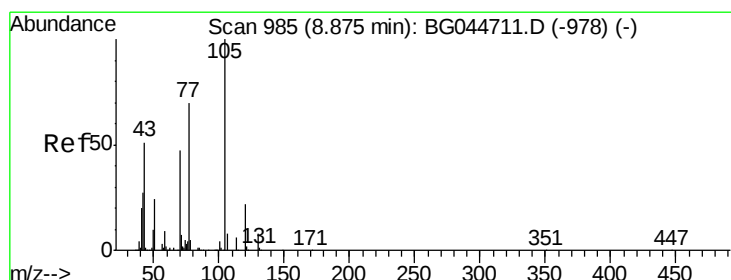
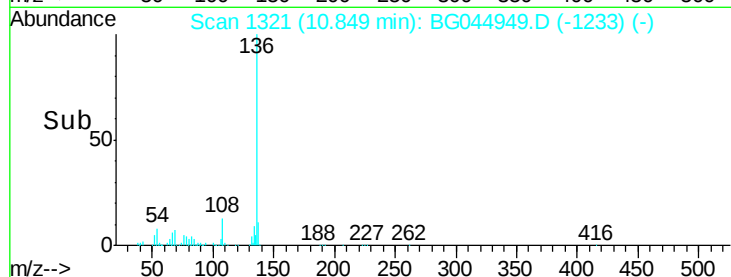
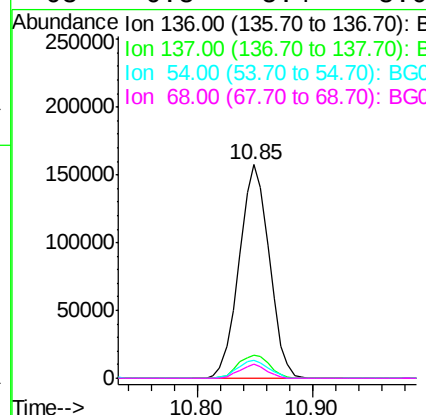
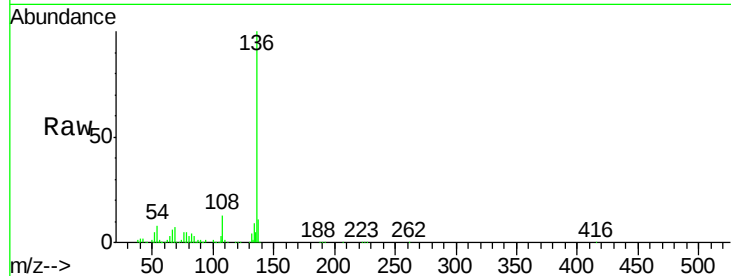
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1321
Delta R.T. -0.01 min
Lab File: BG044949.D
Acq: 25 Mar 2020 4:38

Instrument :
BNA_G
ClientSampleId :
TP-4AMSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	283338		
137	10.8		9.8	14.6
54	8.2		7.9	11.9
68	6.8		5.4	8.0

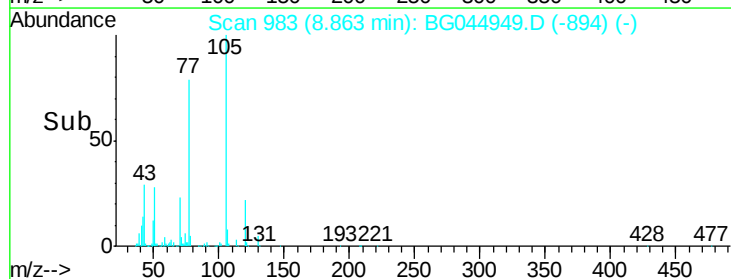
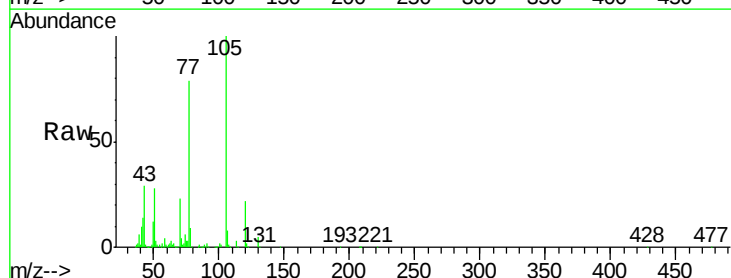
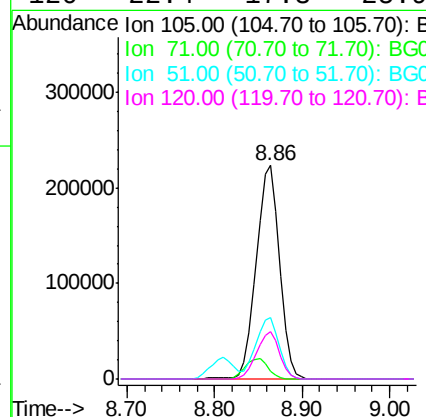
Manual Integrations
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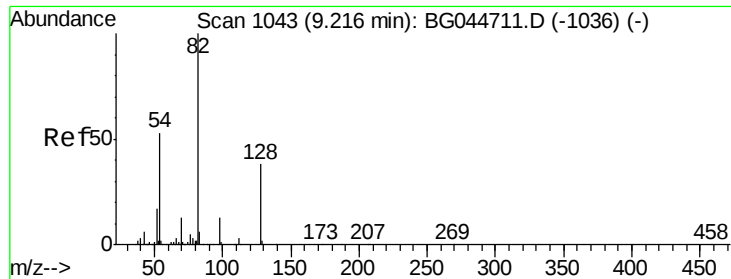
mohammad
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#22
Acetophenone
Concen: 50.306 ng
RT: 8.86 min Scan# 983
Delta R.T. -0.01 min
Lab File: BG044949.D
Acq: 25 Mar 2020 4:38

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	403804		
71	3.7		3.9	5.9#
51	28.5		22.6	33.8
120	22.4		17.3	25.9





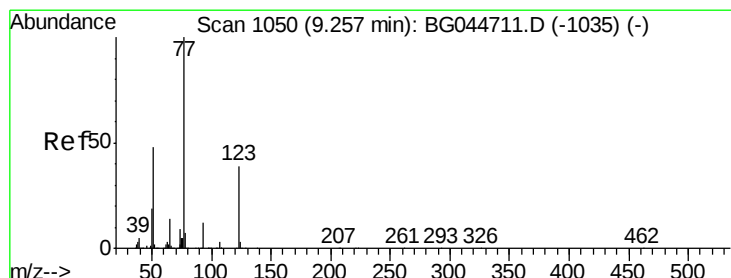
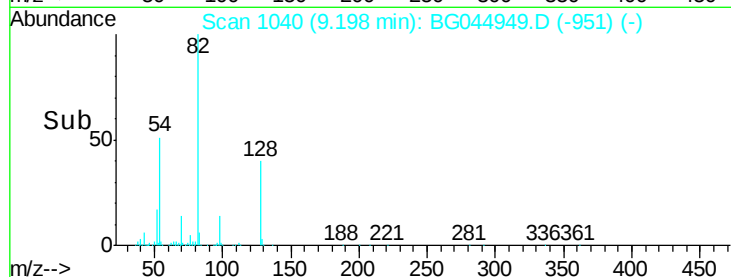
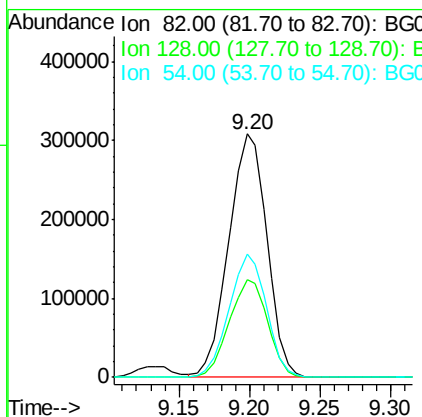
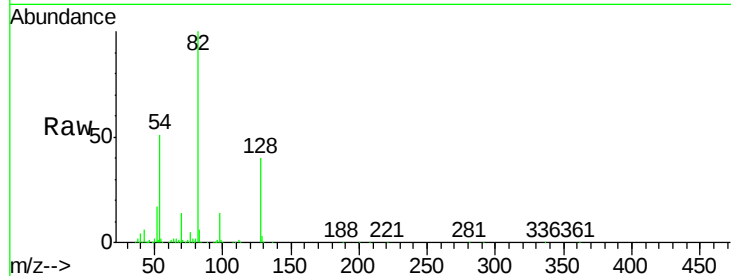
#23
Nitrobenzene-d5
Concen: 90.191 ng
RT: 9.20 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BG044949.D
Acq: 25 Mar 2020 4:38

Instrument :
BNA_G
ClientSampleId :
TP-4AMSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	40.0	30.6	46.0
54	50.6	37.1	55.7

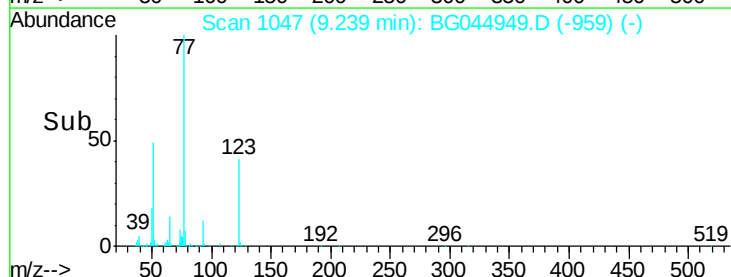
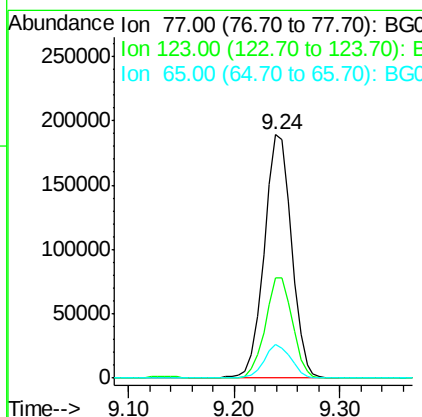
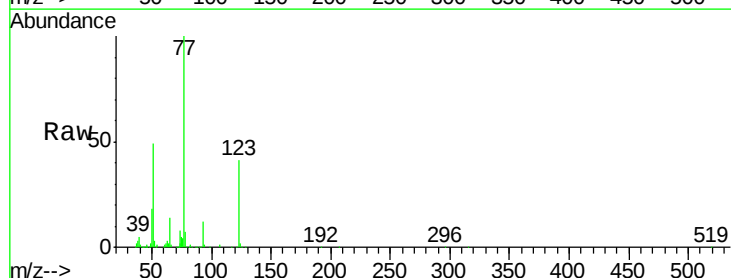
Manual Integrations
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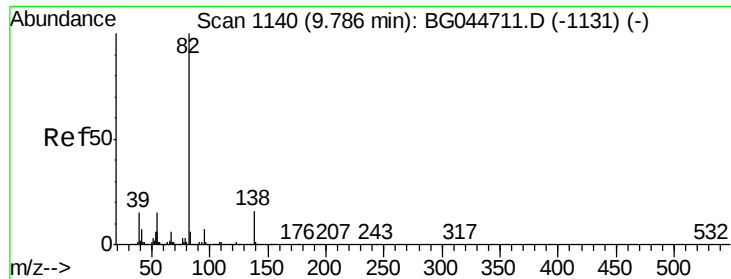
mohammad
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#24
Nitrobenzene
Concen: 50.505 ng
RT: 9.24 min Scan# 1047
Delta R.T. -0.01 min
Lab File: BG044949.D
Acq: 25 Mar 2020 4:38

Tgt Ion	Ratio	Lower	Upper
77	100		
123	41.0	31.3	46.9
65	13.8	11.4	17.0





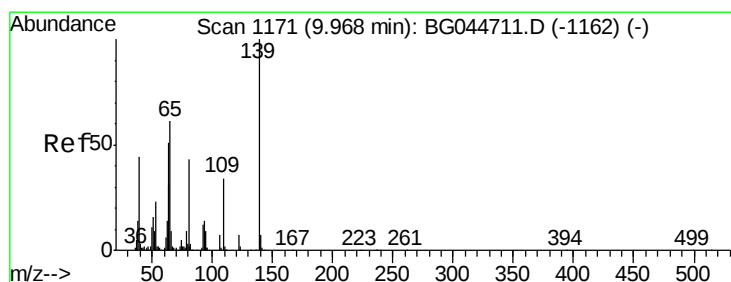
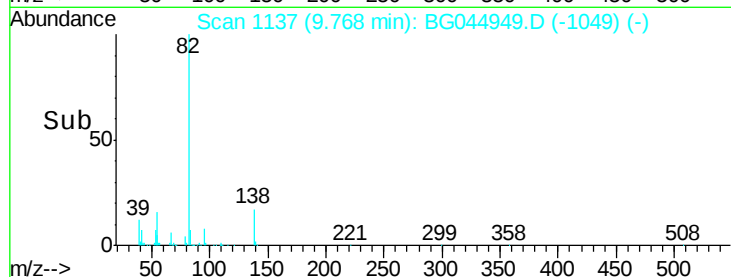
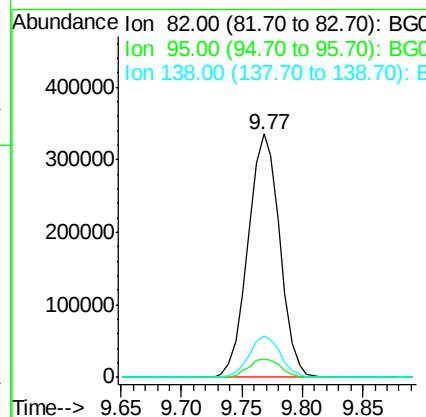
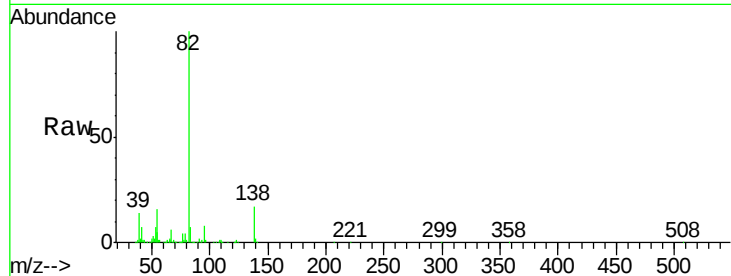
#25
Isophorone
Concen: 48.718 ng
RT: 9.77 min Scan# 1137
Delta R.T. -0.01 min
Lab File: BG044949.D
Acq: 25 Mar 2020 4:38

Instrument :
BNA_G
ClientSampleId :
TP-4AMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
82	100		613947		
95	7.6		5.5	8.3	
138	16.8		12.5	18.7	

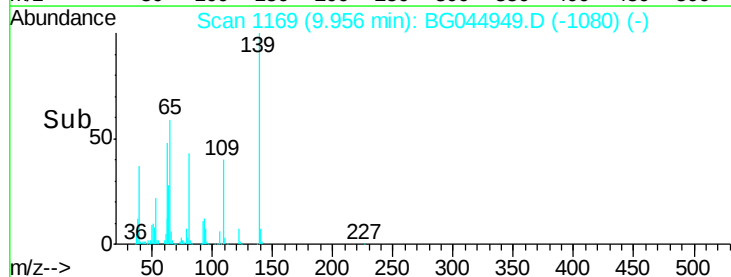
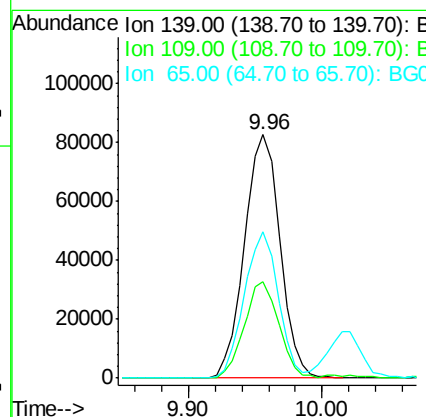
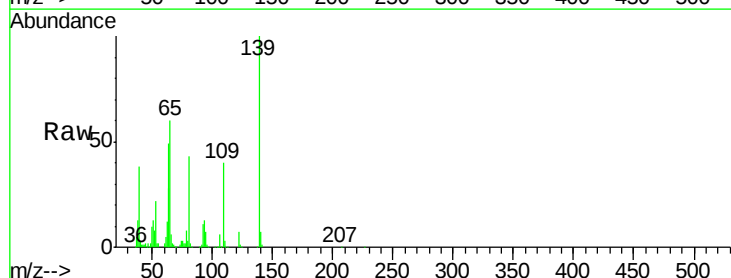
Manual Integrations
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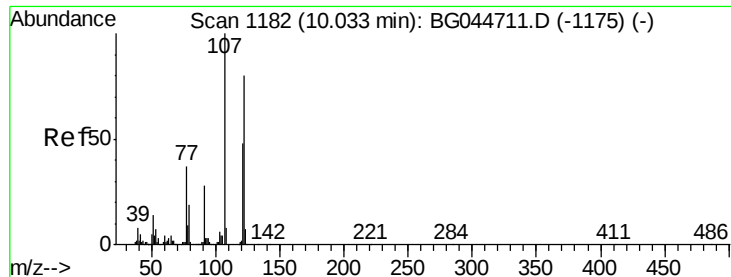
mohammad
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#26
2-Nitrophenol
Concen: 63.515 ng
RT: 9.96 min Scan# 1169
Delta R.T. -0.01 min
Lab File: BG044949.D
Acq: 25 Mar 2020 4:38

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
139	100		152418		
109	39.9		30.2	45.4	
65	60.2		46.3	69.5	





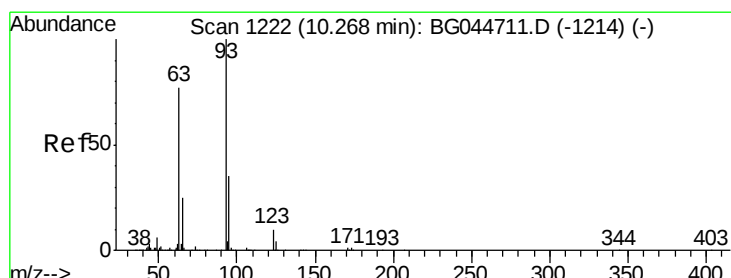
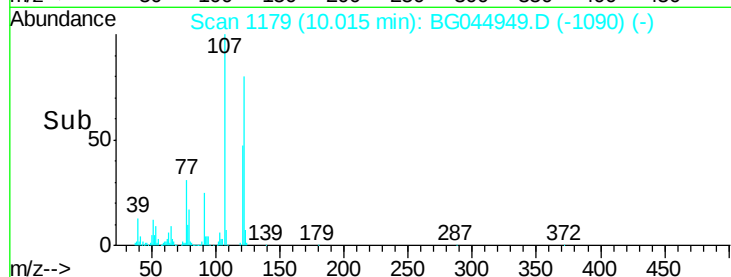
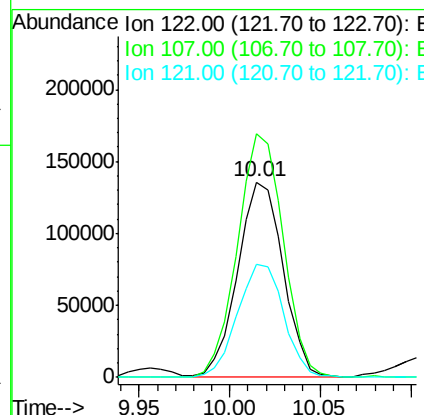
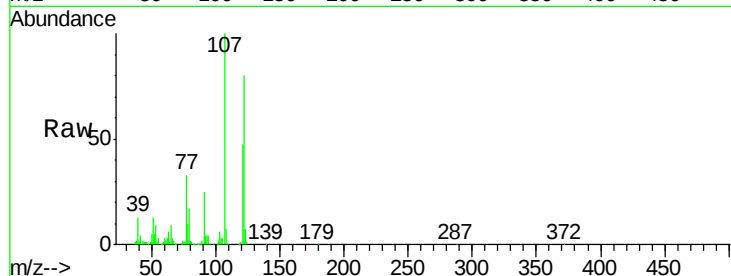
#27
2,4-Dimethylphenol
Concen: 57.167 ng
RT: 10.01 min Scan# 1179
Delta R.T. -0.01 min
Lab File: BG044949.D
Acq: 25 Mar 2020 4:38

Instrument :
BNA_G
ClientSampleId :
TP-4AMSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	124.7	107.1	160.7
121	58.1	46.8	70.2

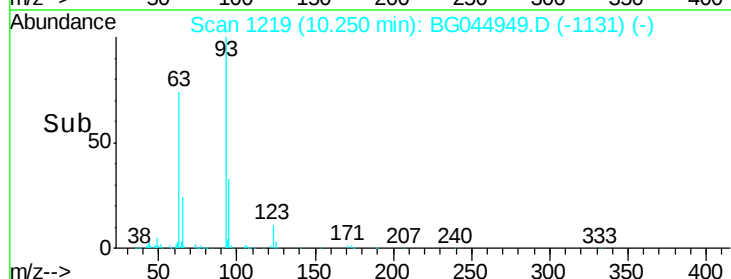
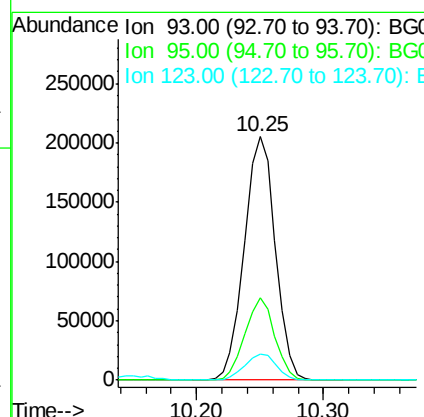
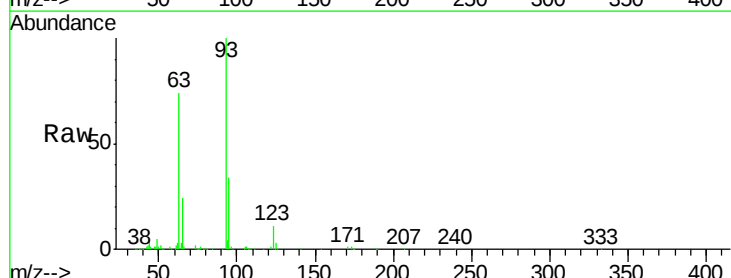
Manual Integrations
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#28
bis(2-Chloroethoxy)methane
Concen: 46.329 ng
RT: 10.25 min Scan# 1219
Delta R.T. -0.01 min
Lab File: BG044949.D
Acq: 25 Mar 2020 4:38

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.6	26.4	39.6
123	10.9	8.4	12.6





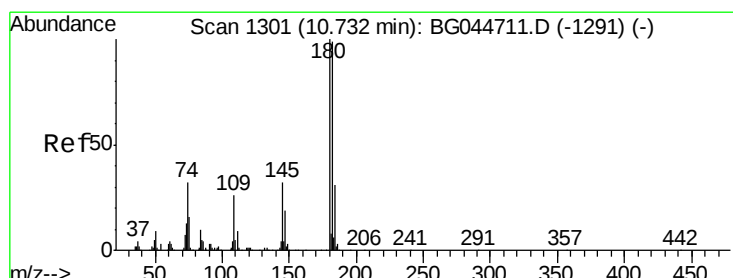
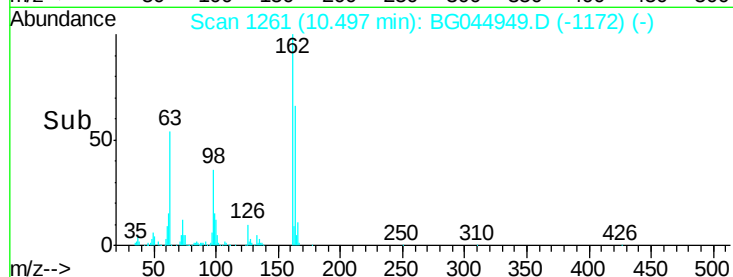
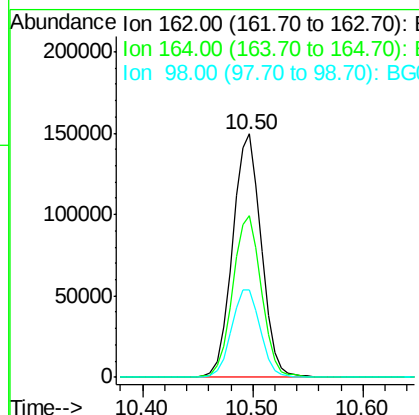
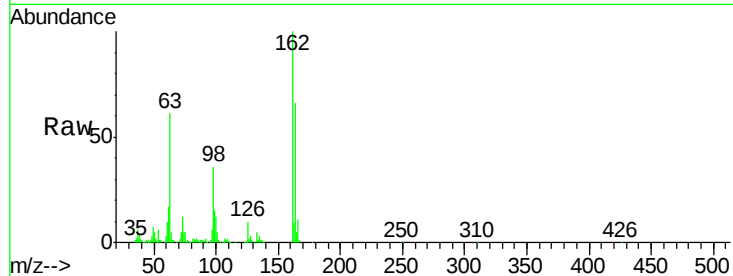
#29
2,4-Dichlorophenol
Concen: 56.844 ng
RT: 10.50 min Scan# 1261
Delta R.T. -0.01 min
Lab File: BG044949.D
Acq: 25 Mar 2020 4:38

Instrument :
BNA_G
ClientSampleId :
TP-4AMSD

Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	66.3	45.2	85.2
98	36.1	19.0	59.0

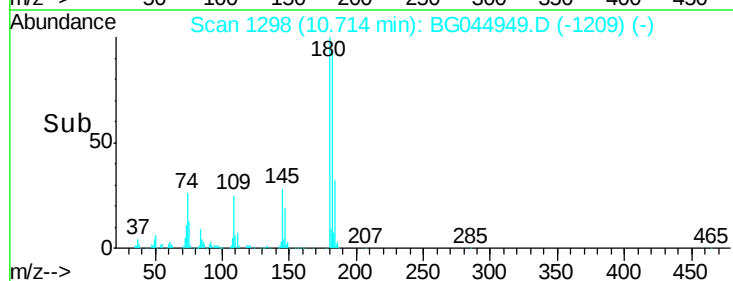
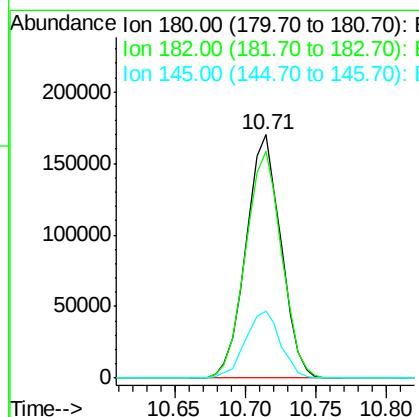
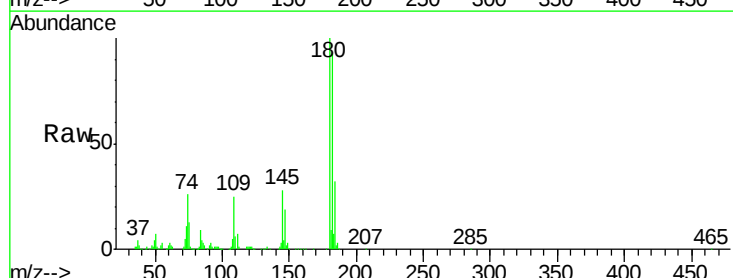
Manual Integrations
APPROVED

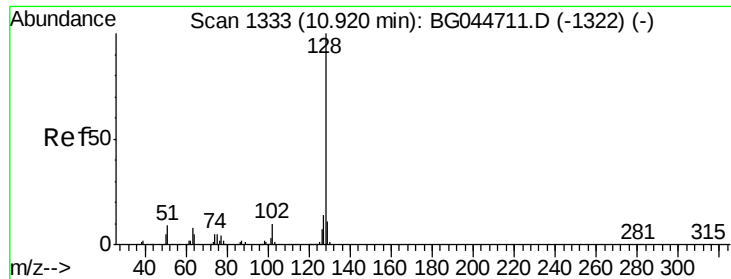
mohammad
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#30
1,2,4-Trichlorobenzene
Concen: 51.690 ng
RT: 10.71 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BG044949.D
Acq: 25 Mar 2020 4:38

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	93.4	71.6	107.4
145	27.5	23.4	35.0





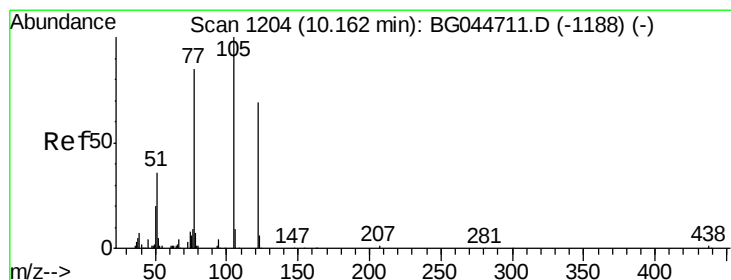
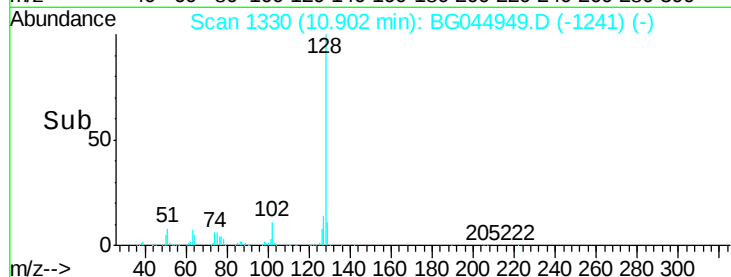
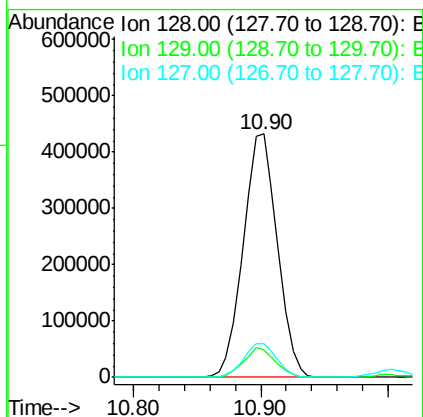
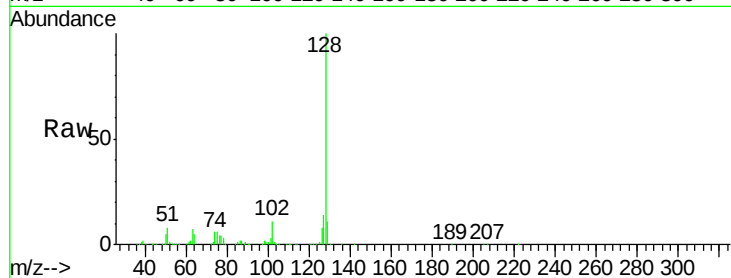
#31
Naphthalene
Concen: 51.274 ng
RT: 10.90 min Scan# 1330
Delta R.T. -0.01 min
Lab File: BG044949.D
Acq: 25 Mar 2020 4:38

Instrument :
BNA_G
ClientSampleId :
TP-4AMSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.0	13.4
127	14.1	10.8	16.2

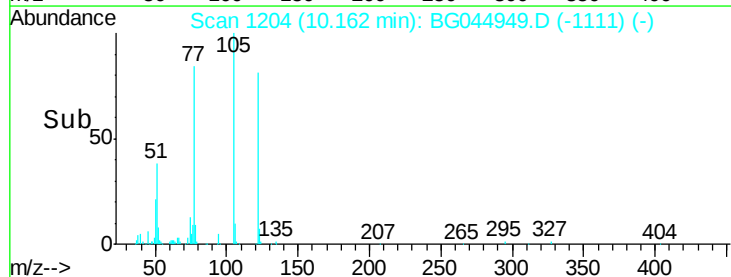
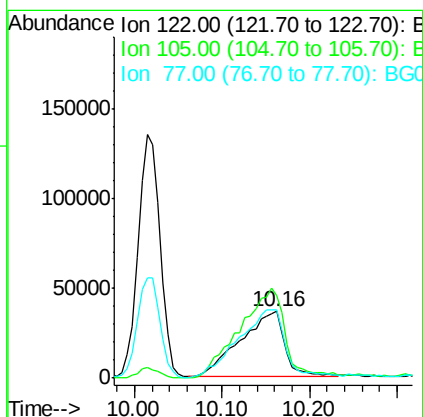
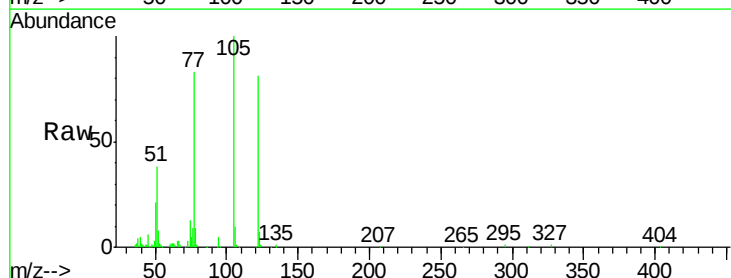
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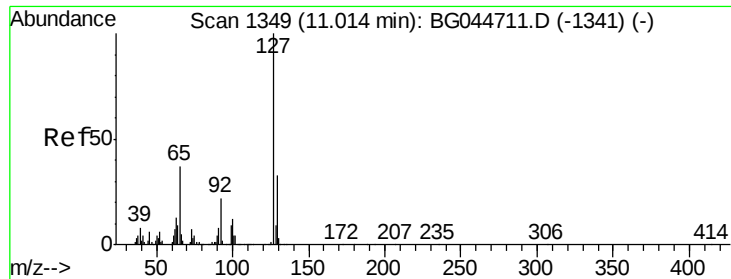
mohammad
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#32
Benzoic acid
Concen: 41.977 ng
RT: 10.16 min Scan# 1204
Delta R.T. 0.02 min
Lab File: BG044949.D
Acq: 25 Mar 2020 4:38

Tgt Ion	Ratio	Lower	Upper
122	100		
105	123.9	109.1	149.1
77	103.3	85.3	125.3





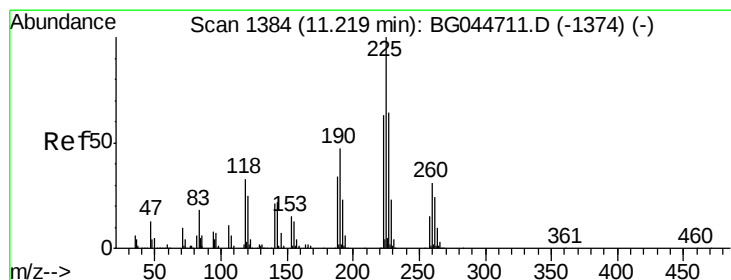
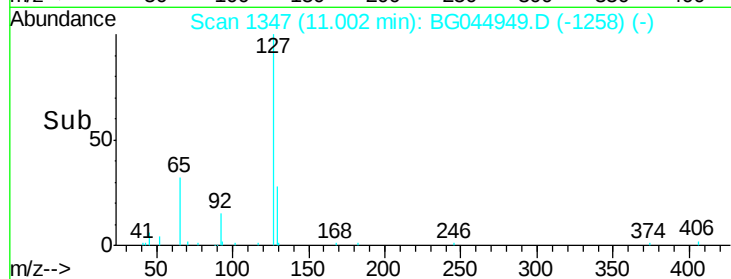
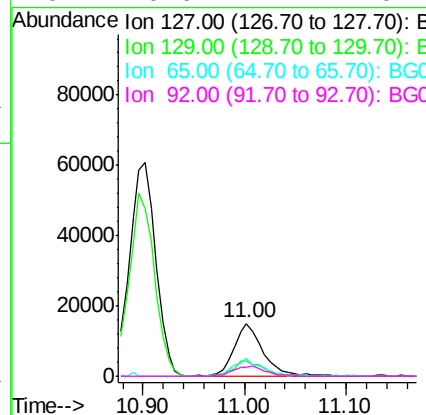
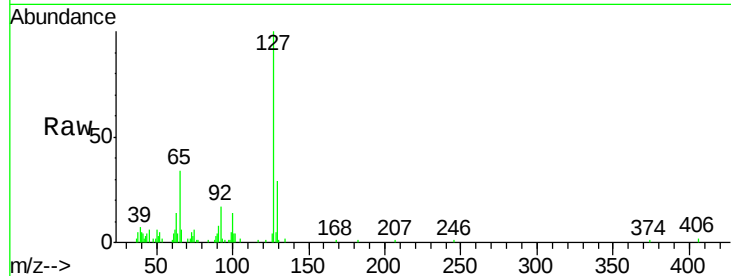
#33
4-Chloroaniline
Concen: 4.193 ng
RT: 11.00 min Scan# 1347
Delta R.T. -0.01 min
Lab File: BG044949.D
Acq: 25 Mar 2020 4:38

Instrument :
BNA_G
ClientSampleId :
TP-4AMSD

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	29.4	26.9	40.3	
65	34.4	27.7	41.5	
92	16.6	17.4	26.2	

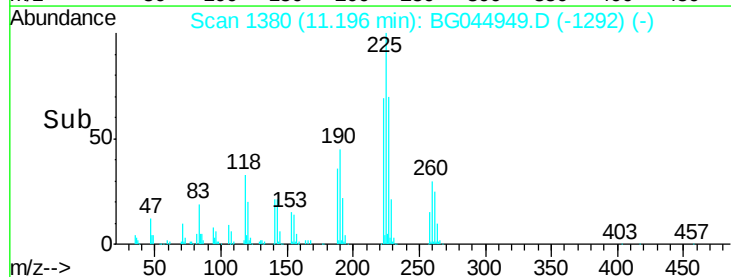
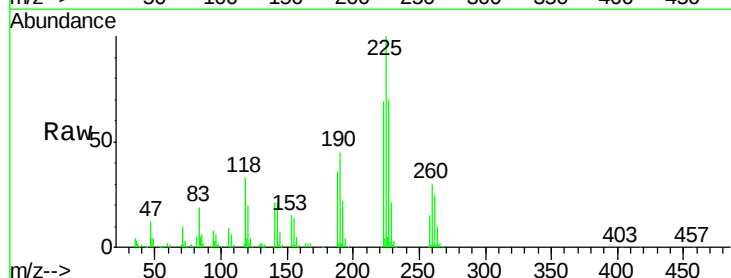
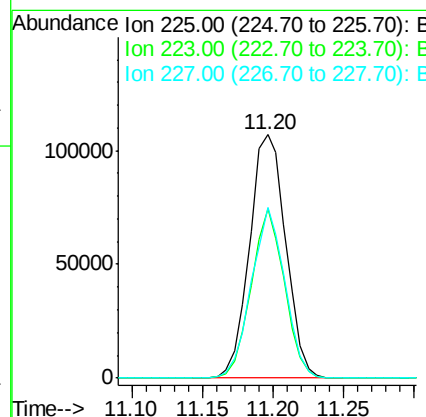
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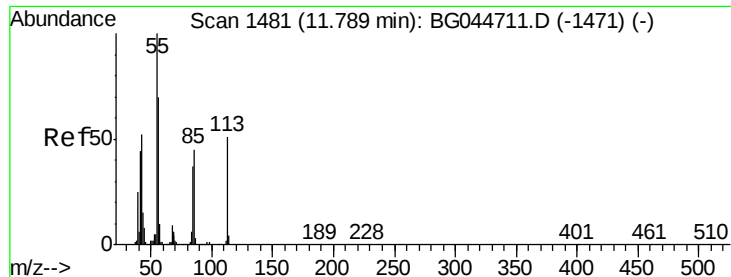
mohammad
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#34
Hexachlorobutadiene
Concen: 51.102 ng
RT: 11.20 min Scan# 1380
Delta R.T. -0.01 min
Lab File: BG044949.D
Acq: 25 Mar 2020 4:38

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	69.5	47.4	71.0	
227	70.3	50.8	76.2	





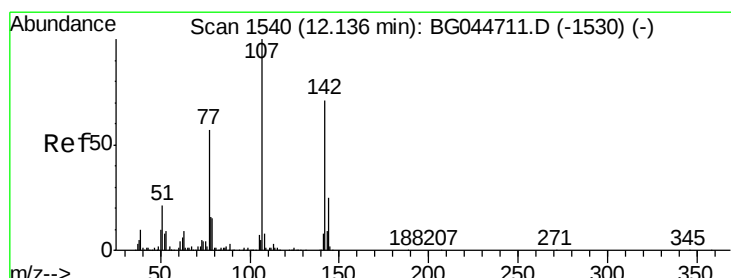
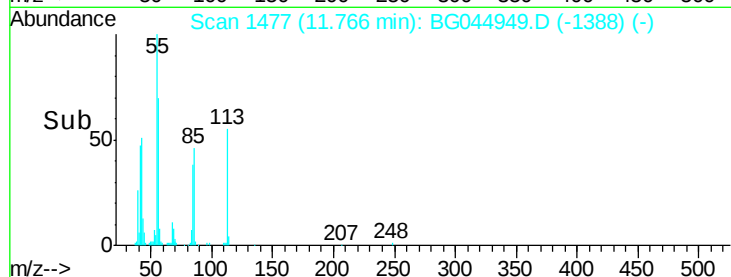
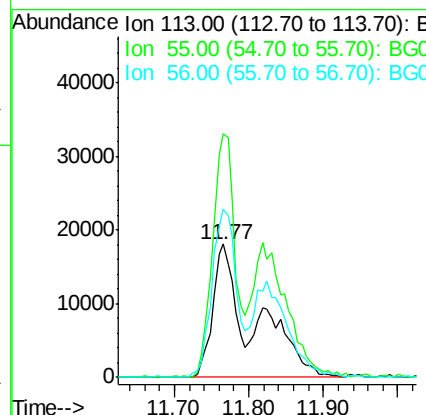
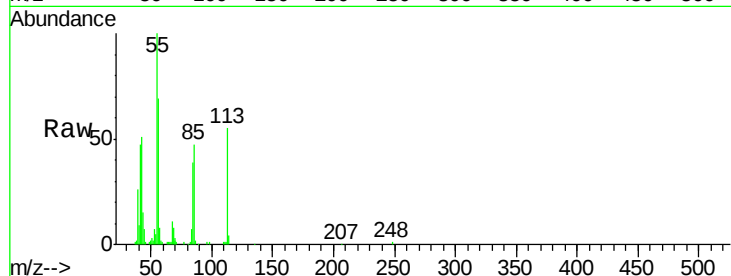
#35
 Caprolactam
 Concen: 37.328 ng/ml
 RT: 11.77 min Scan# 1477
 Delta R.T. -0.01 min
 Lab File: BG044949.D
 Acq: 25 Mar 2020 4:38

Instrument :
 BNA_G
 ClientSampleId :
 TP-4AMSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	182.7	173.8	213.8
56	126.5	113.8	153.8

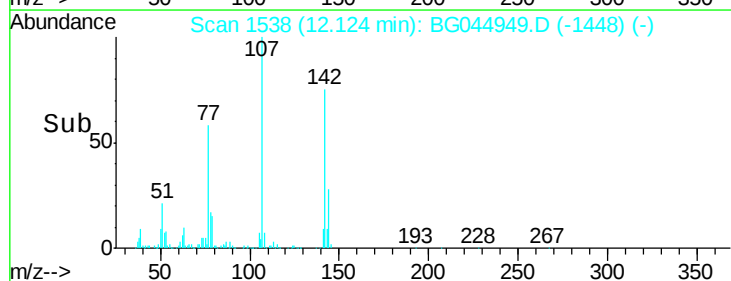
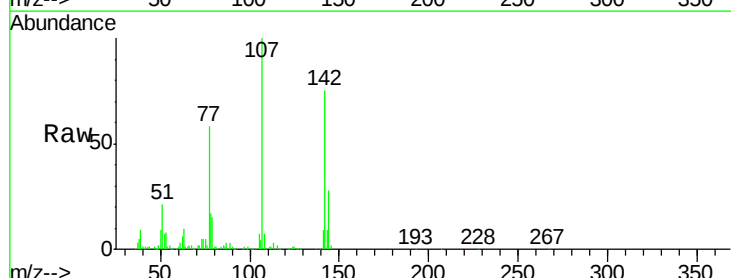
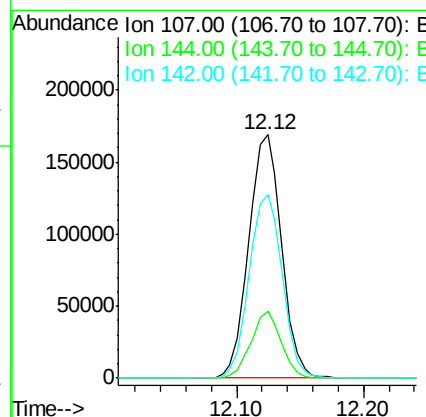
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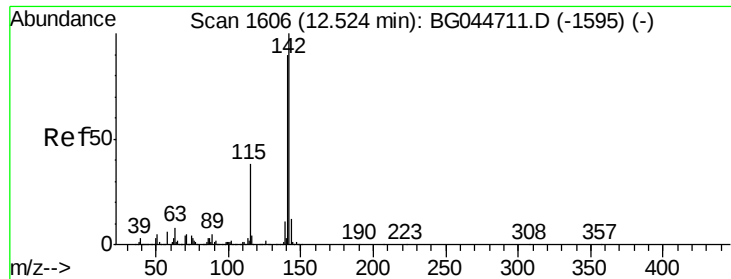
mohammad
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#36
 4-Chloro-3-methylphenol
 Concen: 53.156 ng/ml
 RT: 12.12 min Scan# 1538
 Delta R.T. 0.00 min
 Lab File: BG044949.D
 Acq: 25 Mar 2020 4:38

Tgt Ion	Ratio	Lower	Upper
107	100		
144	27.7	18.0	27.0#
142	75.3	59.0	88.4





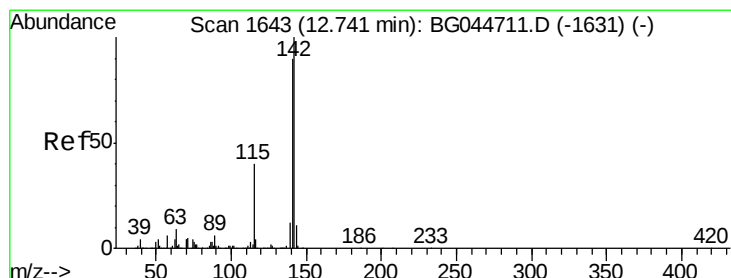
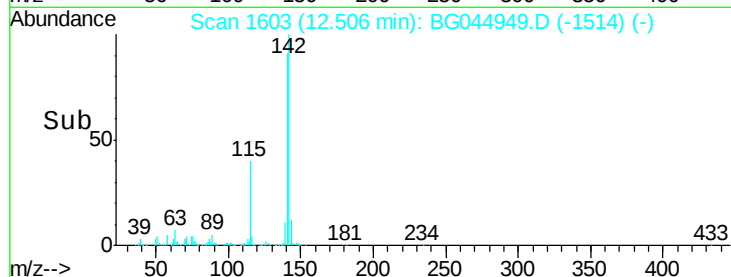
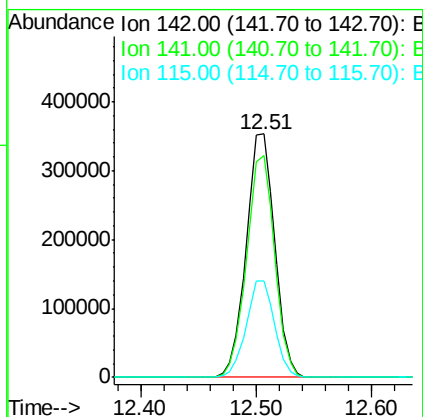
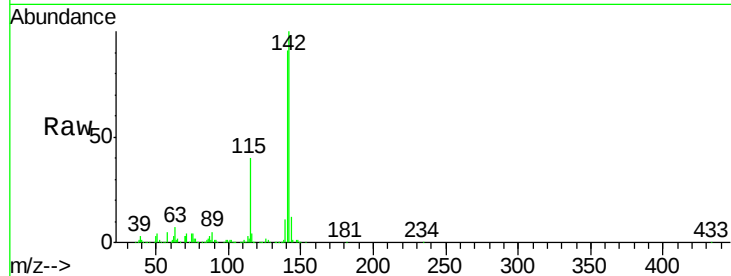
#37
2-Methylnaphthalene
Concen: 51.734 ng
RT: 12.51 min Scan# 1603
Delta R.T. -0.01 min
Lab File: BG044949.D
Acq: 25 Mar 2020 4:38

Instrument :
BNA_G
ClientSampleId :
TP-4AMSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.0	75.1	112.7
115	39.8	30.6	46.0

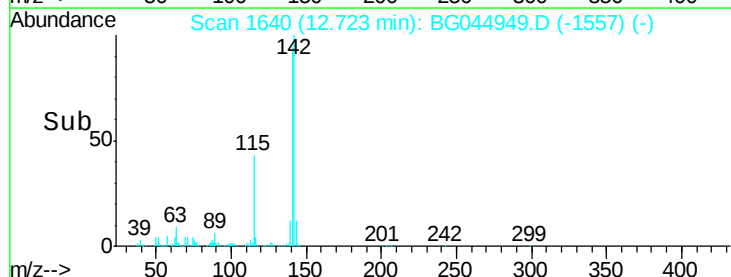
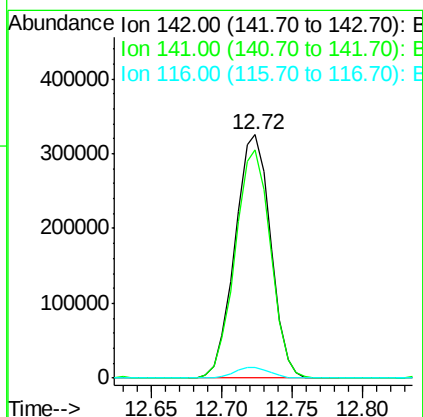
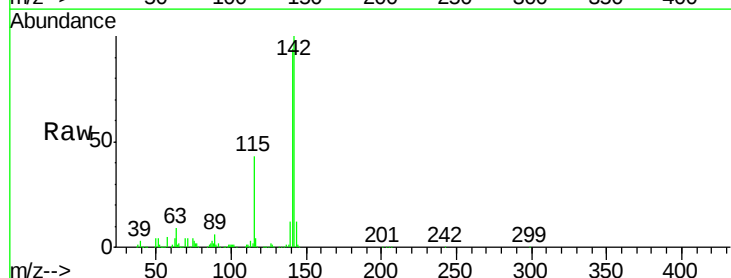
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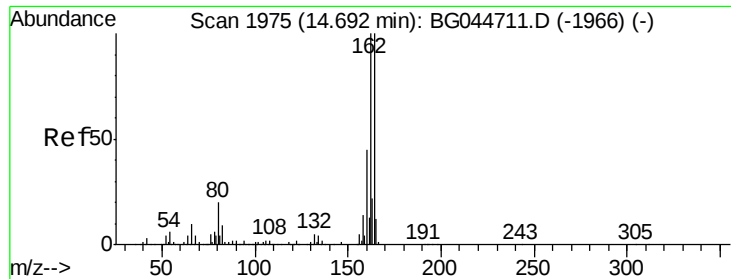
mohammad
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#38
1-Methylnaphthalene
Concen: 51.890 ng
RT: 12.72 min Scan# 1640
Delta R.T. -0.01 min
Lab File: BG044949.D
Acq: 25 Mar 2020 4:38

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.8	74.7	112.1
116	4.3	3.3	4.9





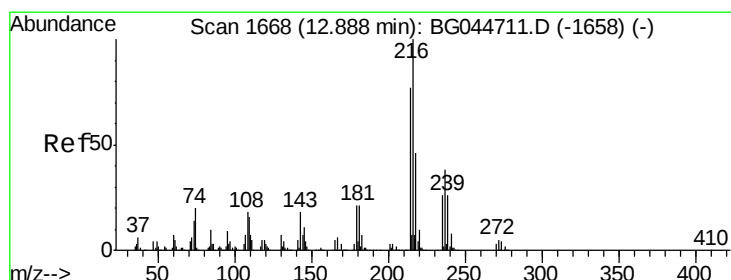
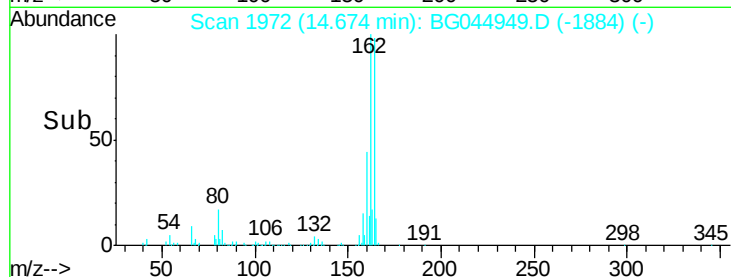
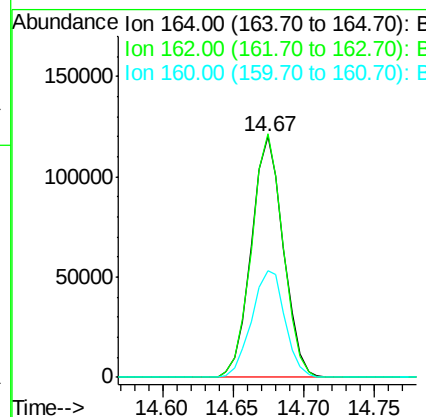
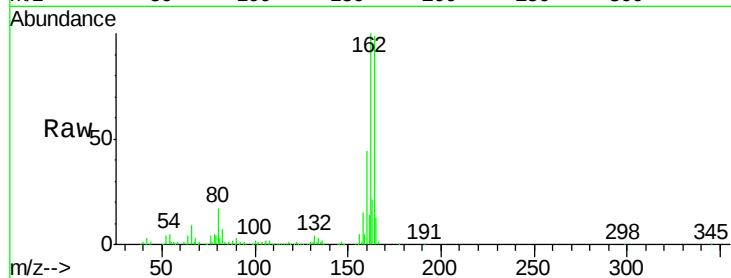
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1972
Delta R.T. -0.01 min
Lab File: BG044949.D
Acq: 25 Mar 2020 4:38

Instrument :
BNA_G
ClientSampleId :
TP-4AMSD

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	101.2	76.7	115.1	
160	44.5	35.0	52.4	

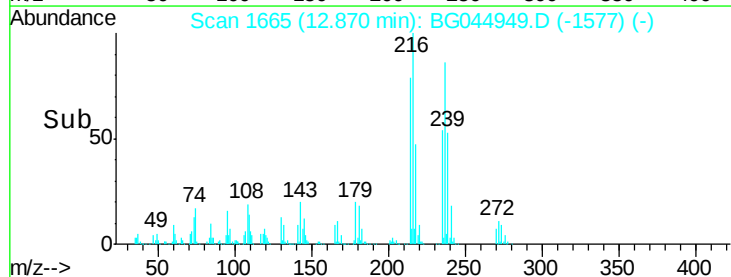
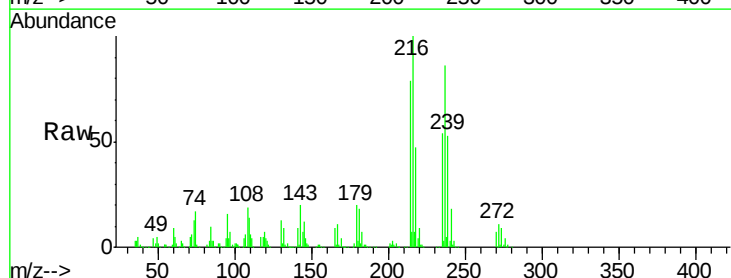
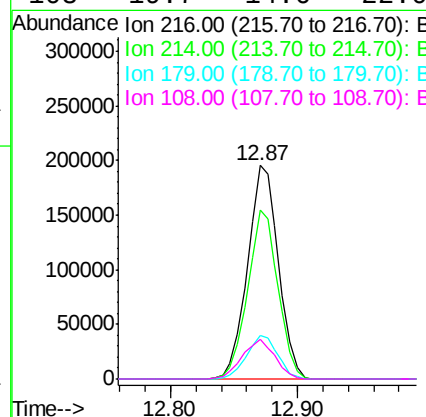
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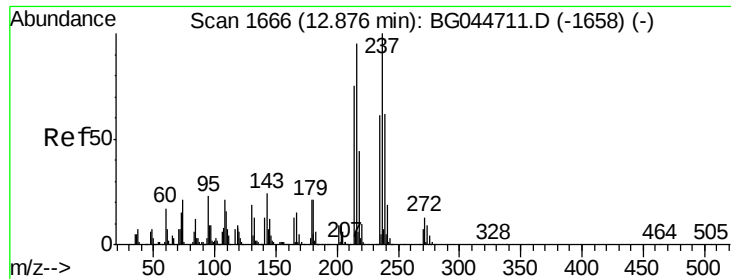
mohammad
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 52.189 ng
RT: 12.87 min Scan# 1665
Delta R.T. -0.01 min
Lab File: BG044949.D
Acq: 25 Mar 2020 4:38

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	77.6	63.8	95.6	
179	20.5	16.2	24.2	
108	19.7	14.6	22.0	





#41

Hexachlorocyclopentadiene

Concen: 123.614 ng

RT: 12.86 min Scan# 1663

Delta R.T. -0.01 min

Lab File: BG044949.D

Acq: 25 Mar 2020 4:38

Instrument :

BNA_G

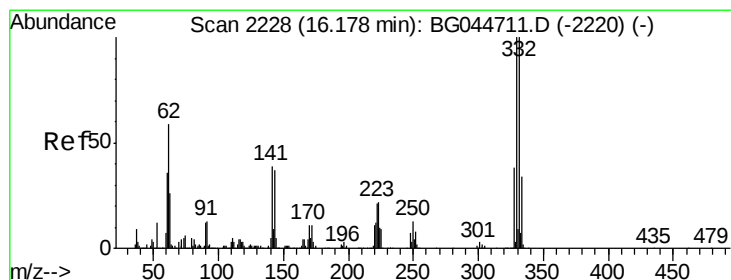
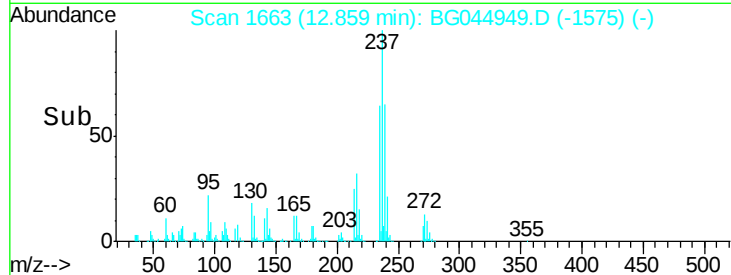
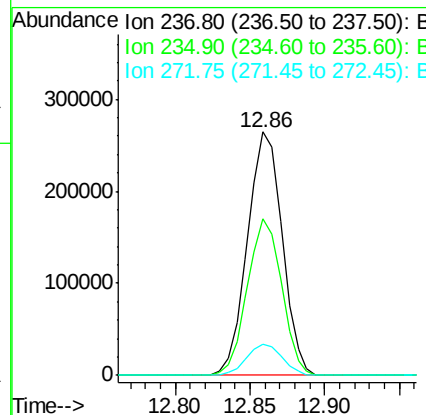
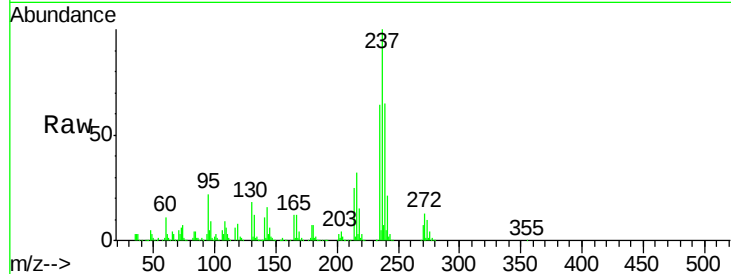
ClientSampleId :

TP-4AMSD

Tot Ion:	237	Resp:	425731
Ion Ratio		Lower	Upper
237	100		
235	64.5	42.9	82.9
272	12.9	0.0	31.6

Manual Integrations
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#42

2,4,6-Tribromophenol

Concen: 158.740 ng

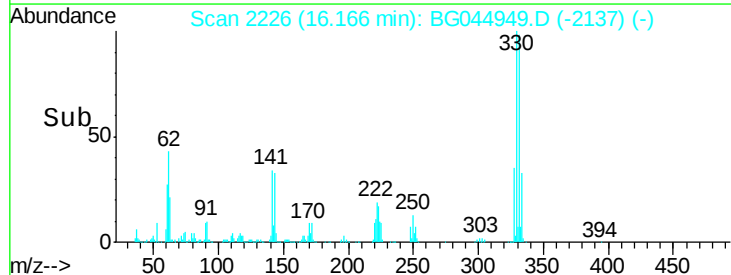
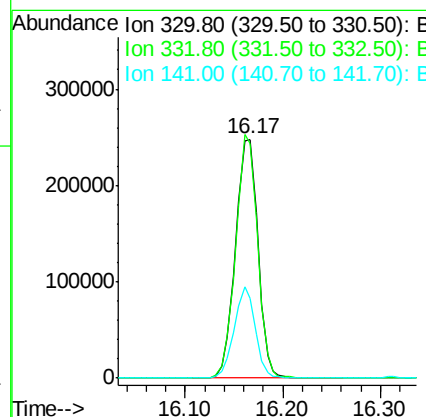
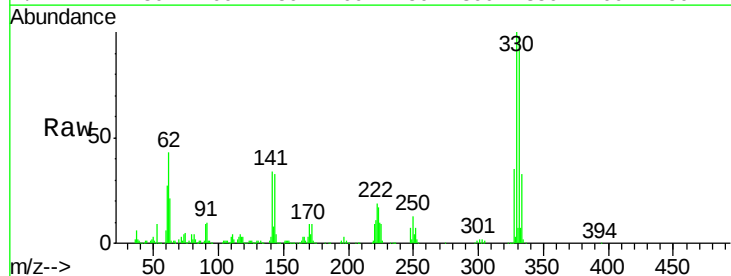
RT: 16.17 min Scan# 2226

Delta R.T. -0.01 min

Lab File: BG044949.D

Acq: 25 Mar 2020 4:38

Tgt Ion:	330	Resp:	397722
Ion Ratio		Lower	Upper
330	100		
332	98.6	77.8	116.6
141	35.9	29.5	44.3





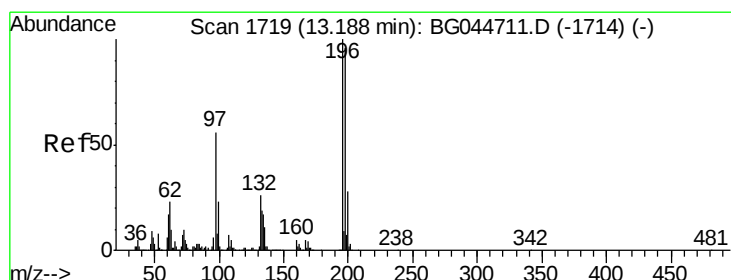
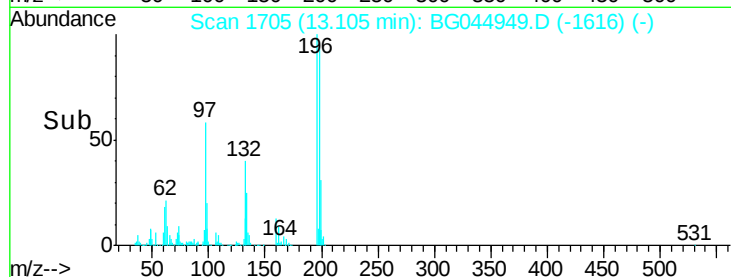
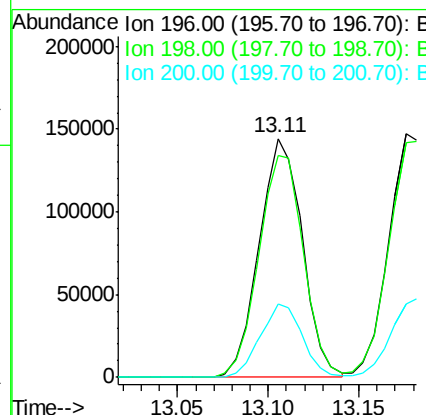
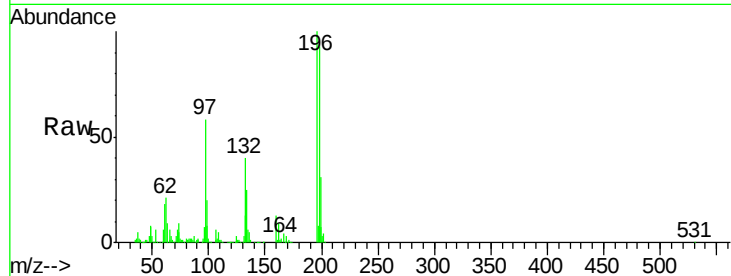
#43
 2,4,6-Trichlorophenol
 Concen: 57.125 ng
 RT: 13.11 min Scan# 1705
 Delta R.T. -0.01 min
 Lab File: BG044949.D
 Acq: 25 Mar 2020 4:38

Instrument :
 BNA_G
 ClientSampleId :
 TP-4AMSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	238910		
198	93.0	74.9	112.3	
200	30.5	25.8	38.6	

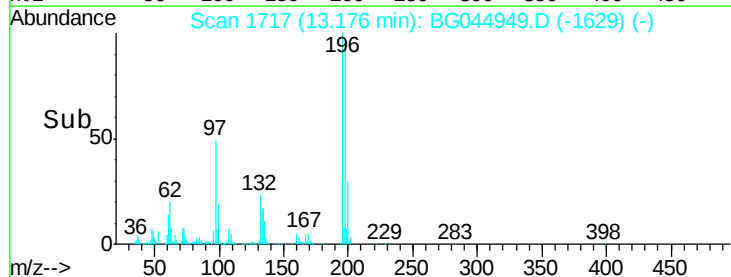
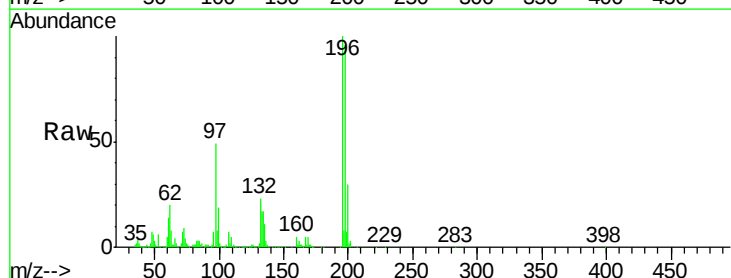
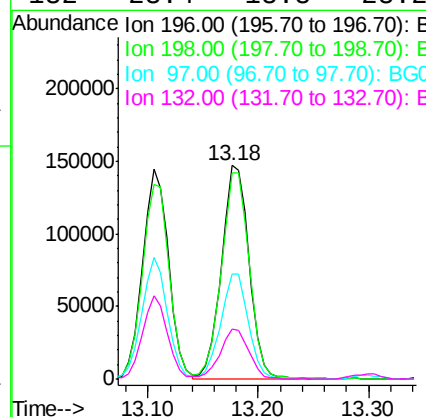
Manual Integrations
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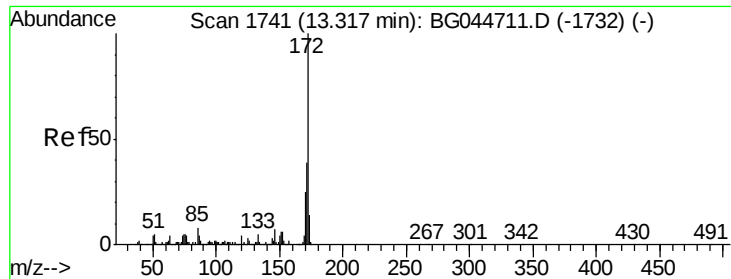
mohammad
 3/25/2020 12:27:55 PM



#44
 2,4,5-Trichlorophenol
 Concen: 59.075 ng
 RT: 13.18 min Scan# 1717
 Delta R.T. -0.01 min
 Lab File: BG044949.D
 Acq: 25 Mar 2020 4:38

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	256226		
198	96.4	74.2	111.4	
97	49.3	36.7	55.1	
132	23.4	18.8	28.2	





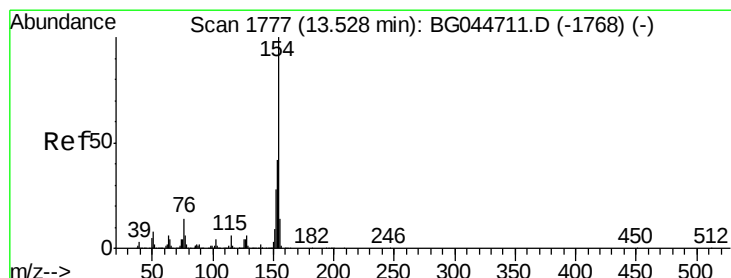
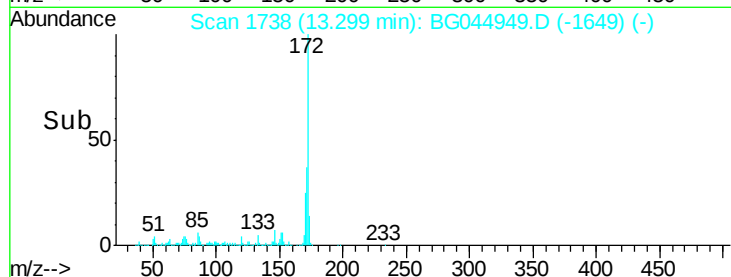
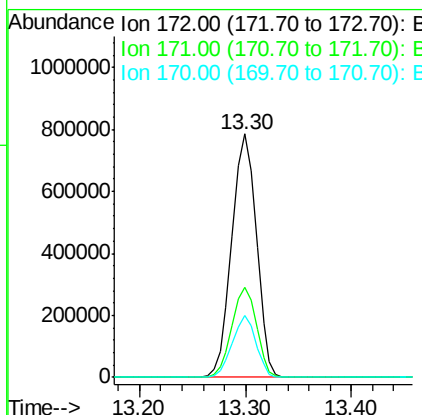
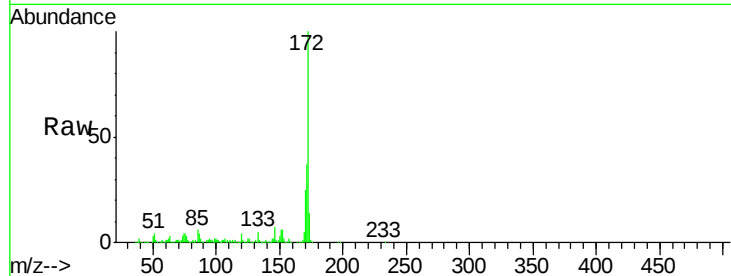
#45
2-Fluorobiphenyl
Concen: 94.667 ng
RT: 13.30 min Scan# 1738
Delta R.T. -0.01 min
Lab File: BG044949.D
Acq: 25 Mar 2020 4:38

Instrument :
BNA_G
ClientSampled :
TP-4AMSD

Tot Ion:172 Resp: 1264990
Ion Ratio Lower Upper
172 100
171 37.2 28.7 43.1
170 25.2 19.0 28.6

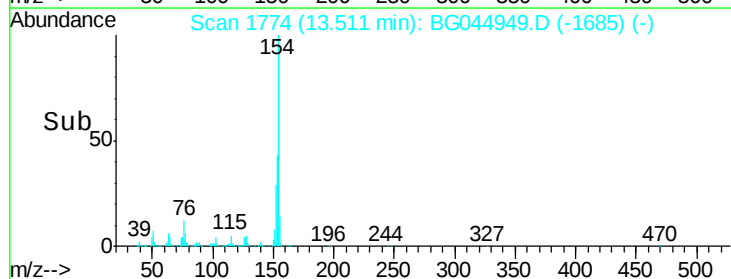
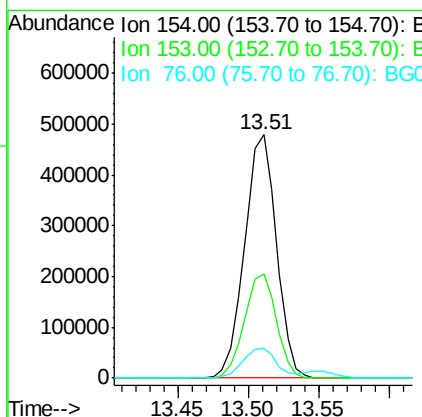
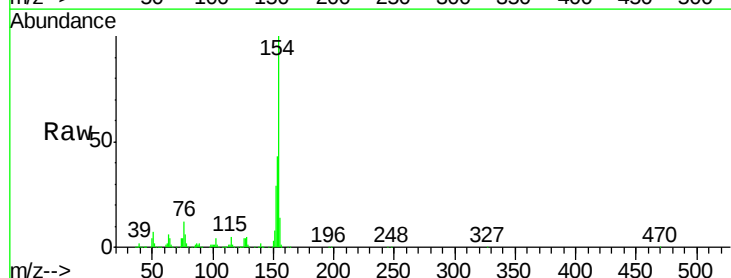
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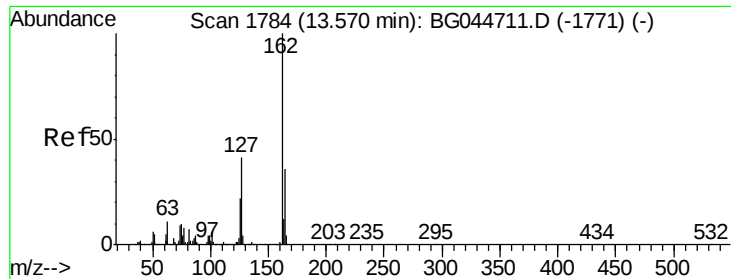
mohammad
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#46
1,1'-Biphenyl
Concen: 49.658 ng
RT: 13.51 min Scan# 1774
Delta R.T. -0.01 min
Lab File: BG044949.D
Acq: 25 Mar 2020 4:38

Tgt Ion:154 Resp: 759347
Ion Ratio Lower Upper
154 100
153 42.9 22.9 62.9
76 12.4 0.0 34.6





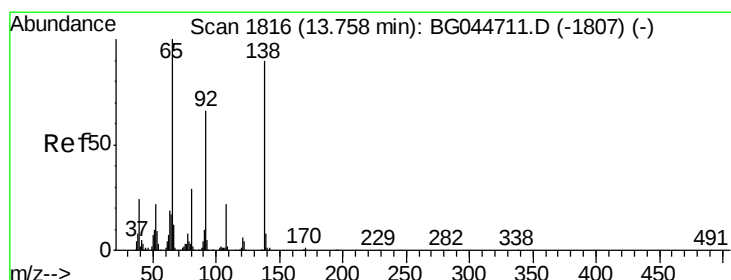
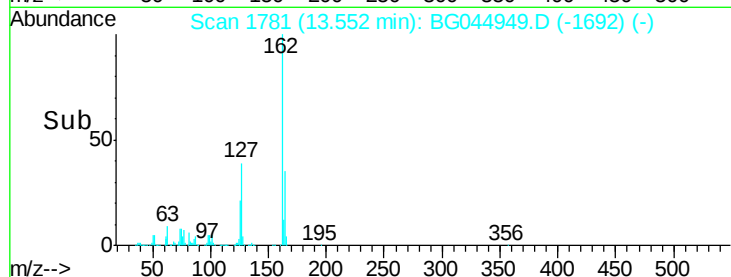
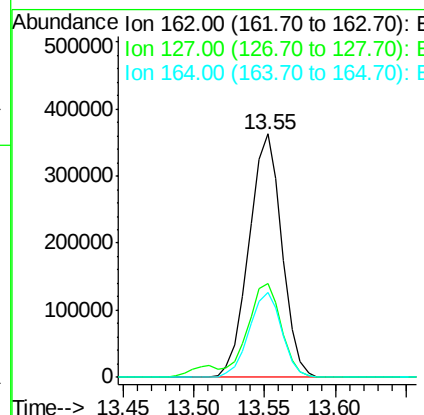
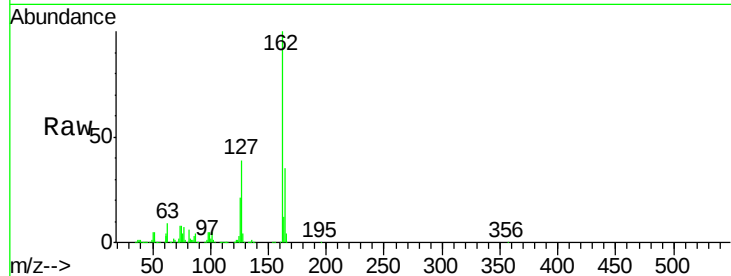
#47
2-Chloronaphthalene
Concen: 50.716 ng
RT: 13.55 min Scan# 1781
Delta R.T. -0.01 min
Lab File: BG044949.D
Acq: 25 Mar 2020 4:38

Instrument :
BNA_G
ClientSampleId :
TP-4AMSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	38.8	33.1	49.7
164	34.9	27.4	41.2

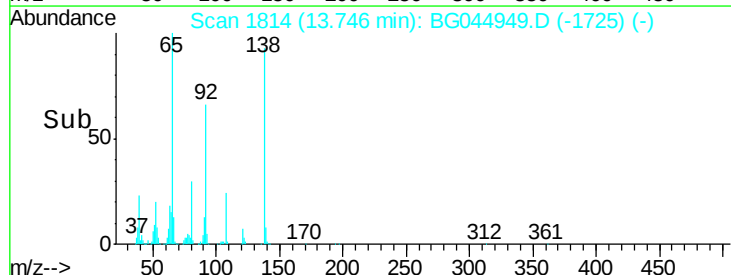
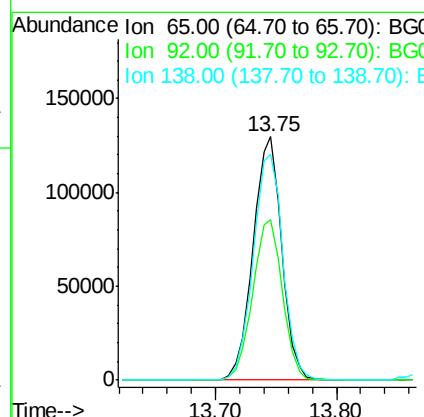
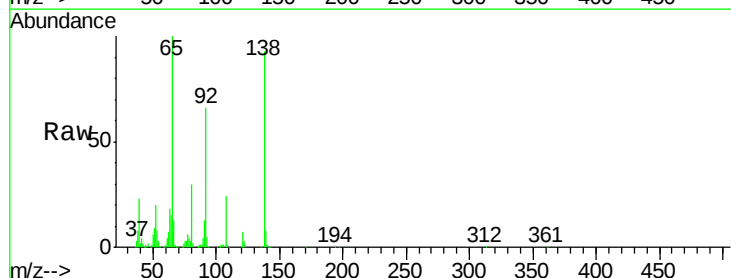
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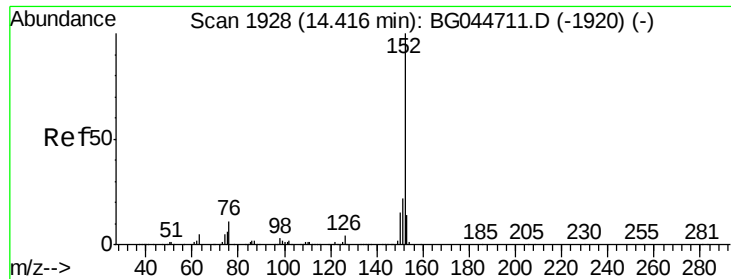
mohammad
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#48
2-Nitroaniline
Concen: 52.445 ng
RT: 13.75 min Scan# 1814
Delta R.T. -0.01 min
Lab File: BG044949.D
Acq: 25 Mar 2020 4:38

Tgt Ion	Ratio	Lower	Upper
65	100		
92	65.9	52.6	79.0
138	92.6	78.3	117.5





#49

Acenaphthylene

Concen: 52.844 ng

RT: 14.40 min Scan# 1925

Delta R.T. -0.01 min

Lab File: BG044949.D

Acq: 25 Mar 2020 4:38

Instrument :

BNA_G

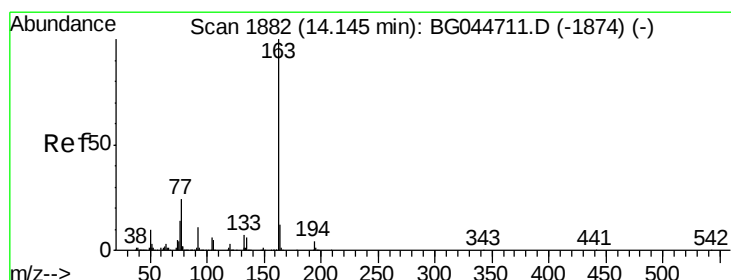
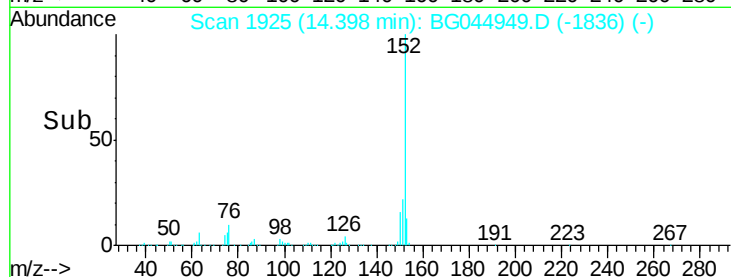
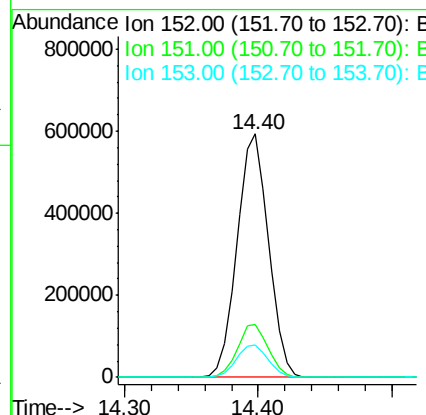
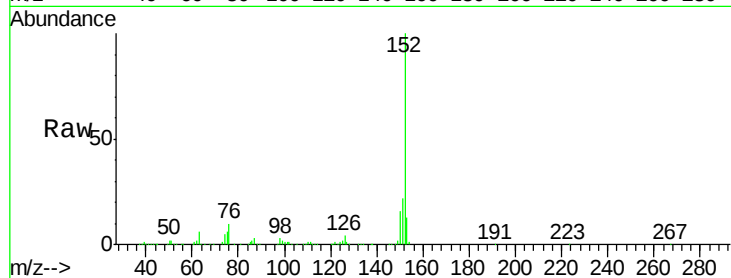
ClientSampleId :

TP-4AMSD

Tot Ion:	152	Resp:	967083
Ion Ratio		Lower	Upper
152	100		
151	22.0	16.8	25.2
153	13.1	10.8	16.2

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#50

Dimethylphthalate

Concen: 51.846 ng

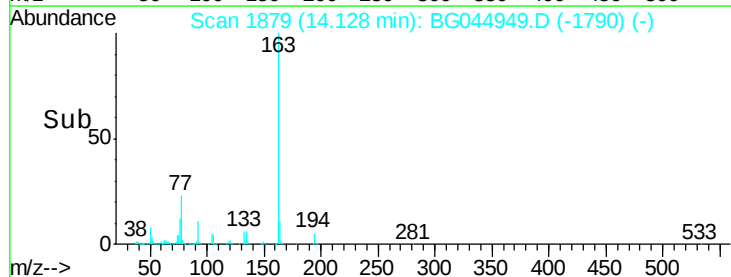
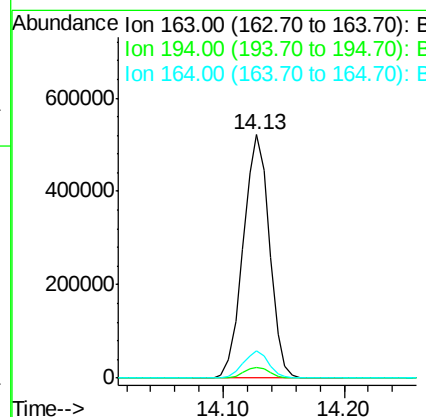
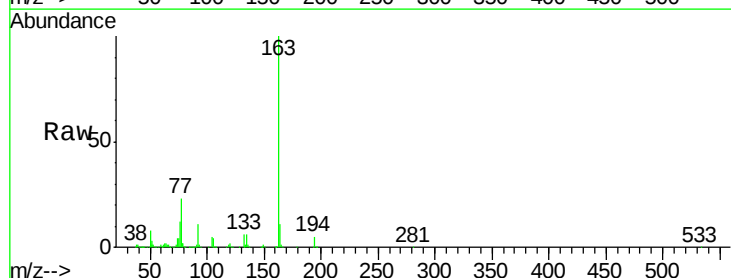
RT: 14.13 min Scan# 1879

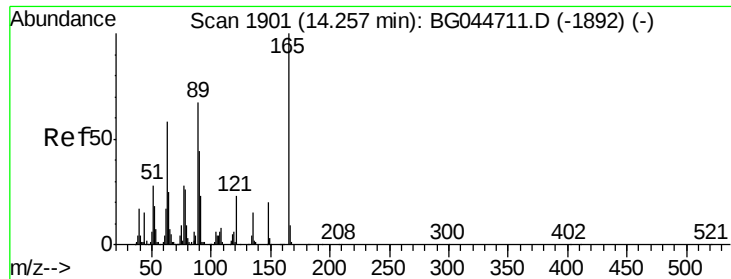
Delta R.T. -0.01 min

Lab File: BG044949.D

Acq: 25 Mar 2020 4:38

Tgt Ion:	163	Resp:	790168
Ion Ratio		Lower	Upper
163	100		
194	4.6	3.7	5.5
164	11.4	9.1	13.7





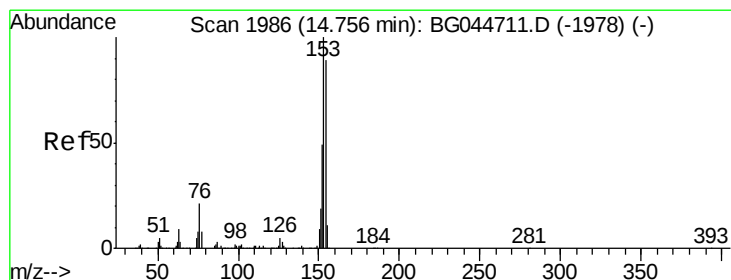
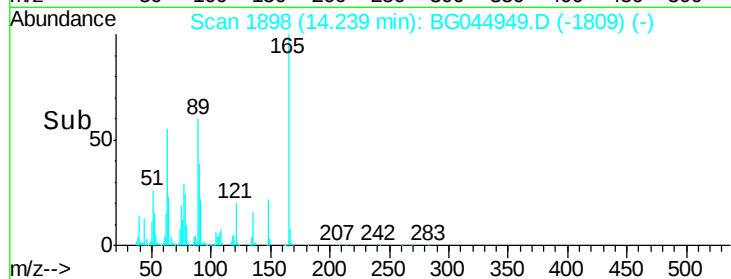
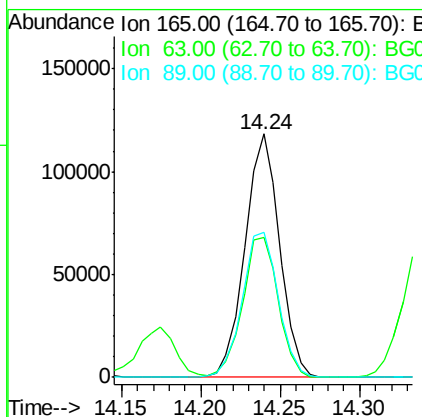
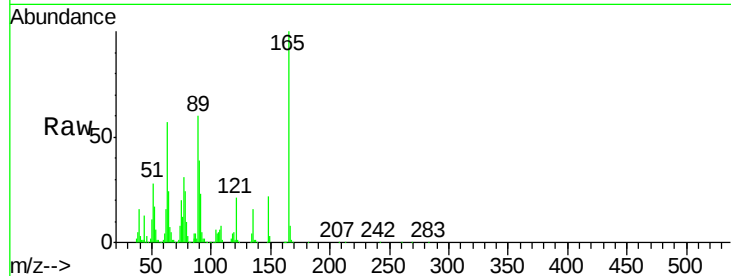
#51
2,6-Dinitrotoluene
Concen: 58.289 ng
RT: 14.24 min Scan# 1898
Delta R.T. -0.01 min
Lab File: BG044949.D
Acq: 25 Mar 2020 4:38

Instrument :
BNA_G
ClientSampleId :
TP-4AMSD

Tot Ion	Ratio	Lower	Upper
165	100		
63	57.5	45.8	68.8
89	59.8	51.8	77.6

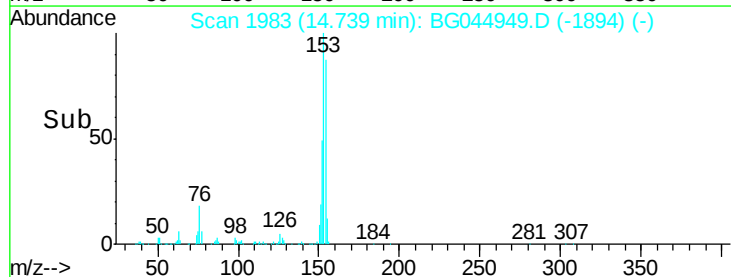
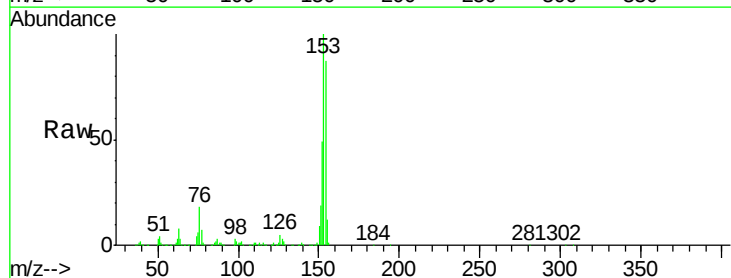
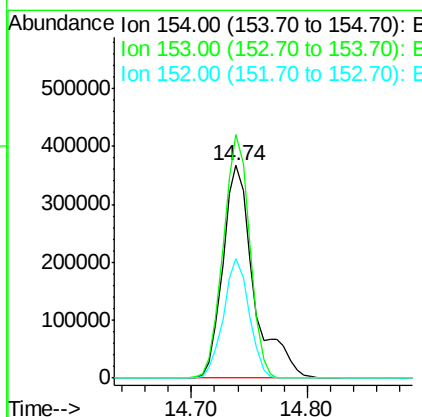
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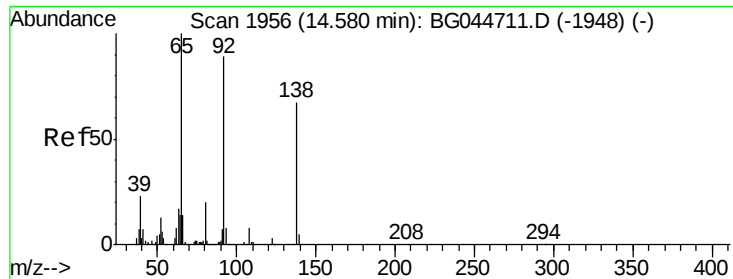
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#52
Acenaphthene
Concen: 57.351 ng
RT: 14.74 min Scan# 1983
Delta R.T. -0.01 min
Lab File: BG044949.D
Acq: 25 Mar 2020 4:38

Tgt Ion	Ratio	Lower	Upper
154	100		
153	114.4	89.0	133.6
152	55.9	43.0	64.6





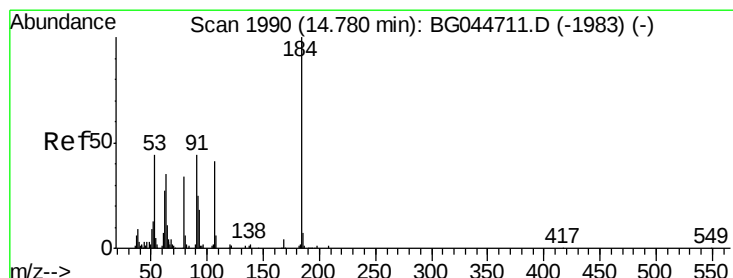
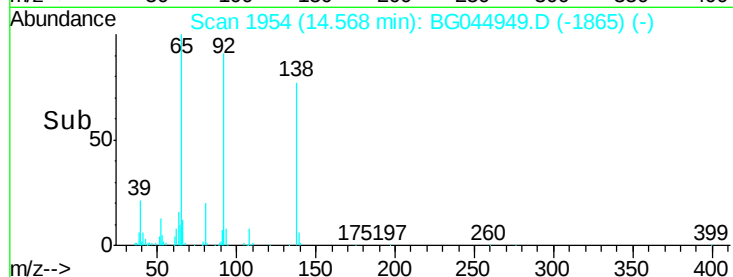
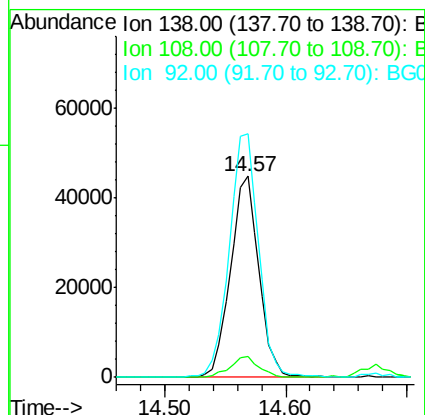
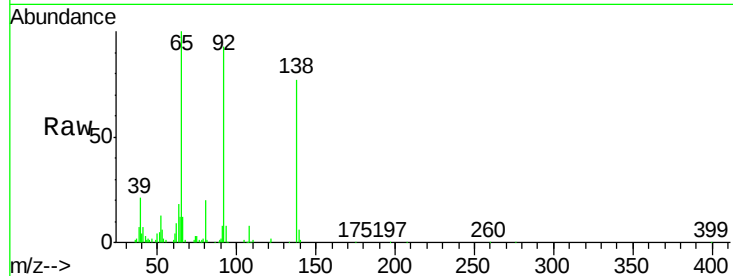
#53
3-Nitroaniline
Concen: 20.753 ng
RT: 14.57 min Scan# 1954
Delta R.T. -0.01 min
Lab File: BG044949.D
Acq: 25 Mar 2020 4:38

Instrument :
BNA_G
ClientSampleId :
TP-4AMSD

Tot Ion	Ratio	Resp	Lower	Upper
138	100	73296		
108	10.3		9.0	13.4
92	121.2		96.8	145.2

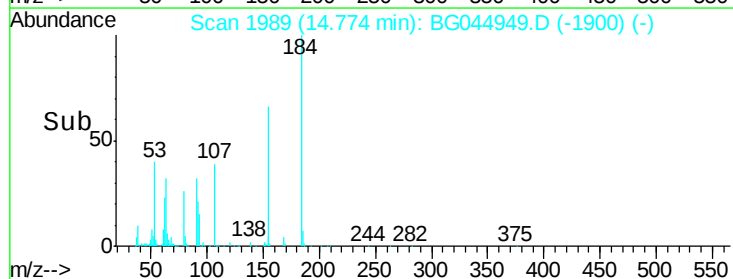
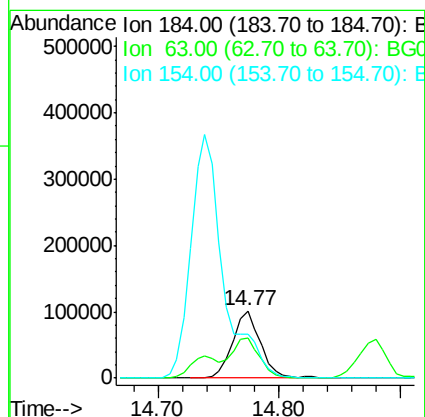
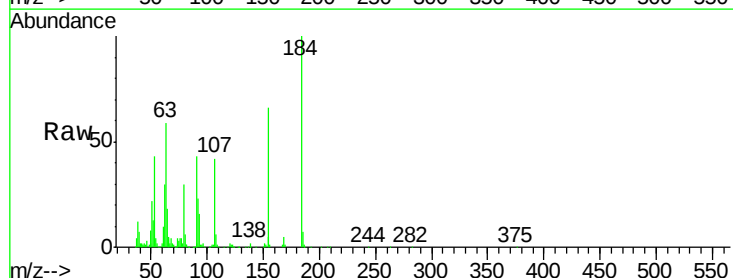
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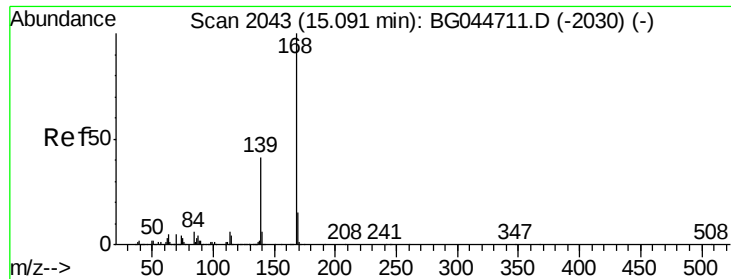
mohammad
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#54
2,4-Dinitrophenol
Concen: 98.982 ng
RT: 14.77 min Scan# 1989
Delta R.T. -0.01 min
Lab File: BG044949.D
Acq: 25 Mar 2020 4:38

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	162434		
63	59.2		45.5	68.3
154	66.3		49.1	73.7





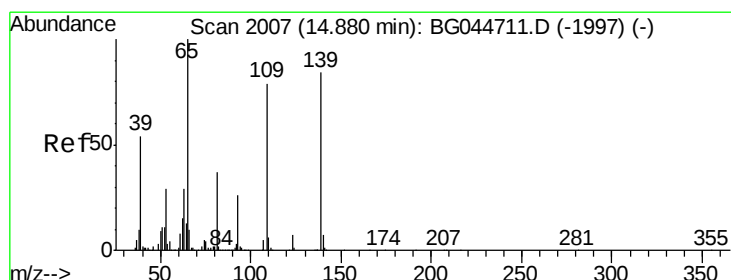
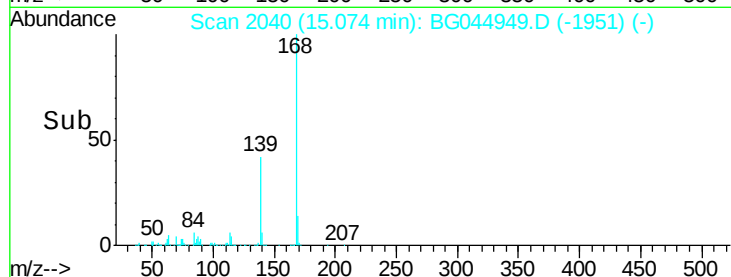
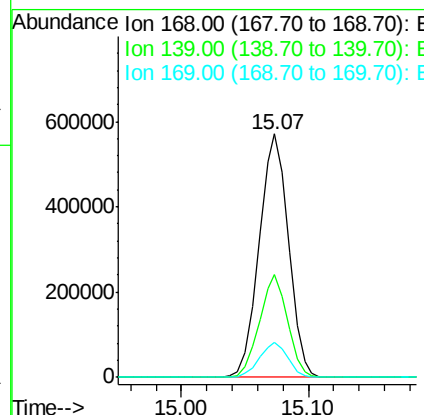
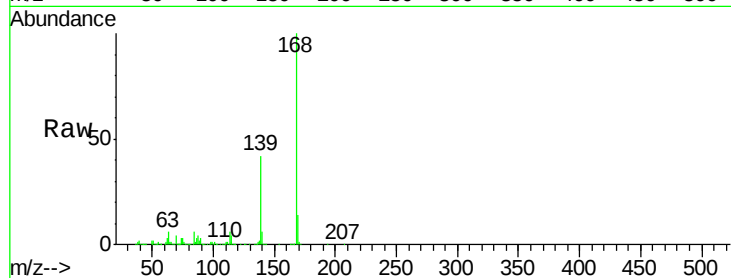
#55
Dibenzofuran
Concen: 52.900 ng
RT: 15.07 min Scan# 2040
Delta R.T. -0.01 min
Lab File: BG044949.D
Acq: 25 Mar 2020 4:38

Instrument :
BNA_G
ClientSampleId :
TP-4AMSD

Tot Ion	Ratio	Resp	Lower	Upper
168	100			
139	42.2	31.4	47.0	
169	14.3	11.1	16.7	

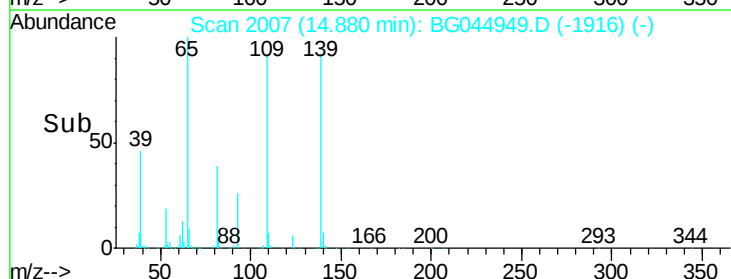
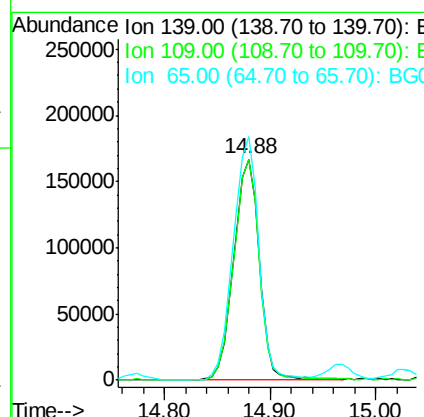
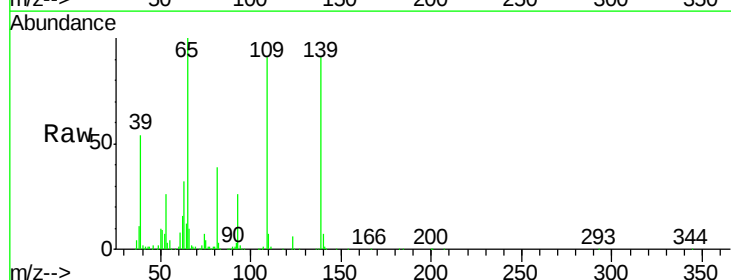
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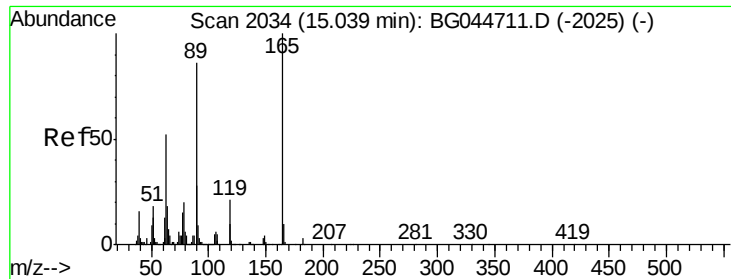
mohammad
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#56
4-Nitrophenol
Concen: 103.265 ng
RT: 14.88 min Scan# 2007
Delta R.T. 0.01 min
Lab File: BG044949.D
Acq: 25 Mar 2020 4:38

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	99.9	68.8	108.8	
65	110.3	92.5	132.5	





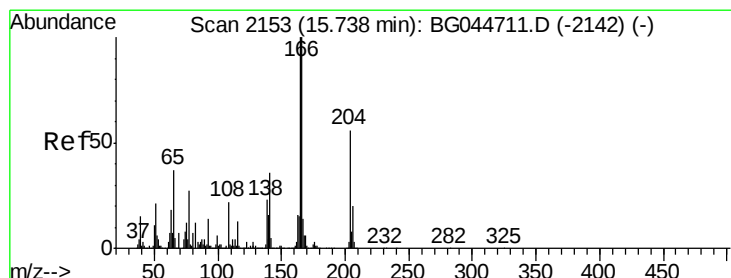
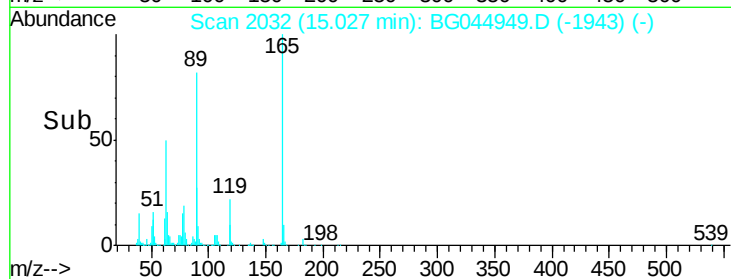
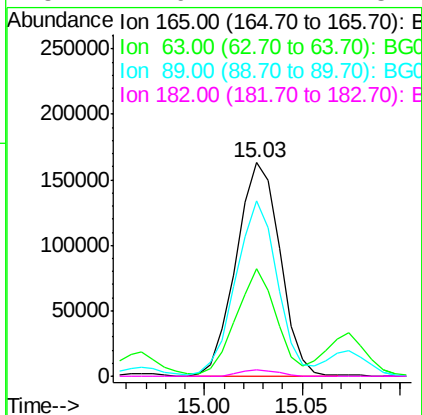
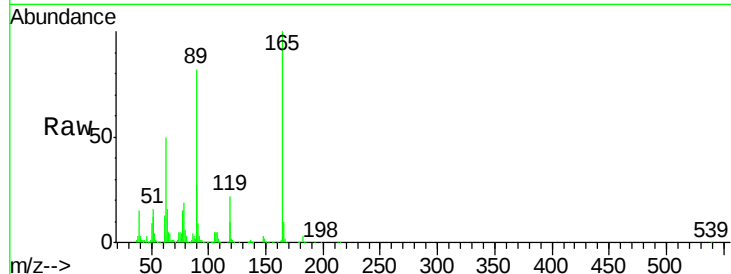
#57
2,4-Dinitrotoluene
Concen: 60.097 ng
RT: 15.03 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BG044949.D
Acq: 25 Mar 2020 4:38

Instrument :
BNA_G
ClientSampleId :
TP-4AMSD

Tot Ion:	165	Resp:	253203
Ion Ratio	Lower	Upper	
165	100		
63	50.4	34.6	52.0
89	82.0	61.3	91.9
182	2.9	2.2	3.2

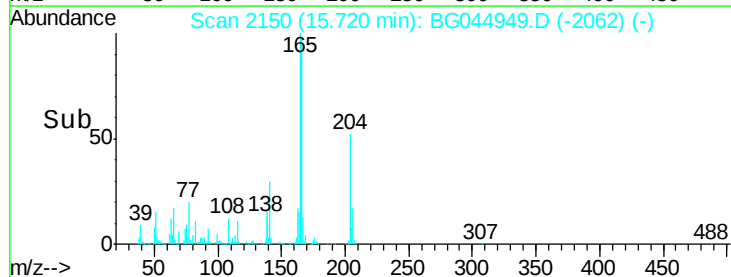
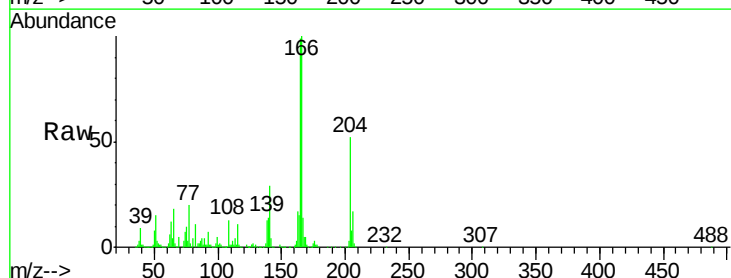
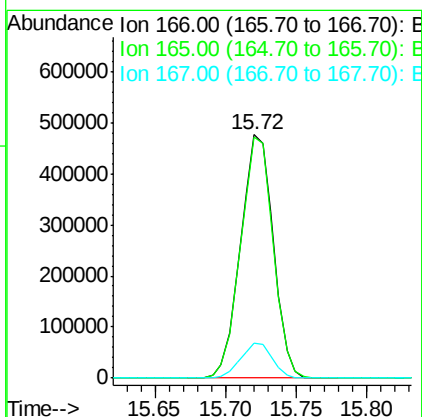
Manual Integrations
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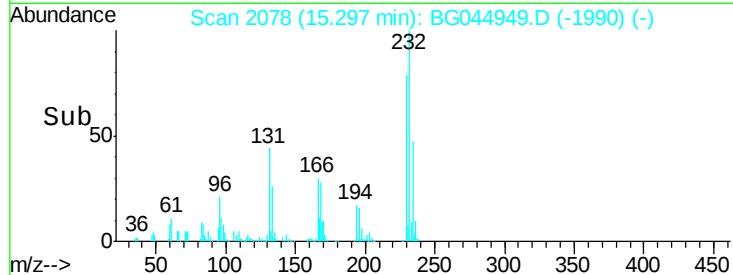
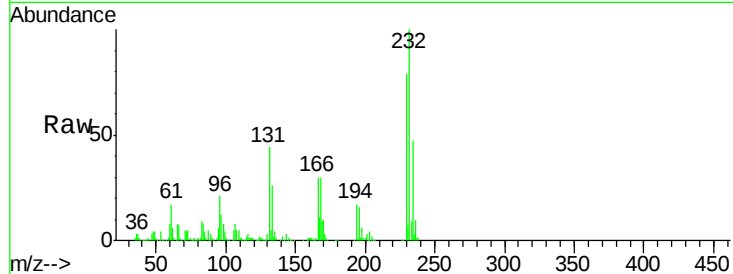
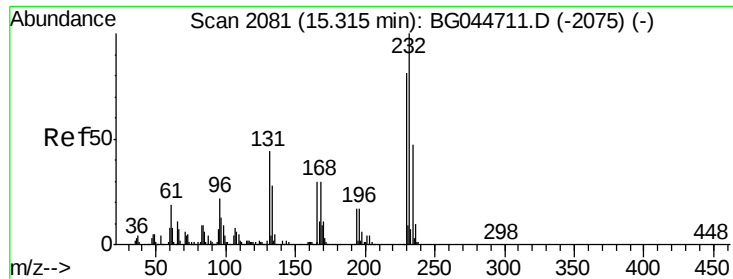
mohammad
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#58
Fluorene
Concen: 53.953 ng
RT: 15.72 min Scan# 2150
Delta R.T. -0.01 min
Lab File: BG044949.D
Acq: 25 Mar 2020 4:38

Tgt Ion:	166	Resp:	771382
Ion Ratio	Lower	Upper	
166	100		
165	99.1	79.7	119.5
167	14.1	10.6	16.0





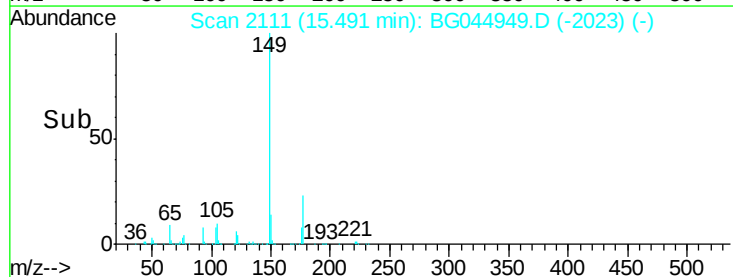
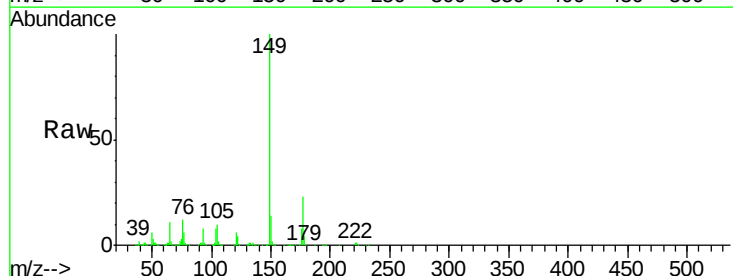
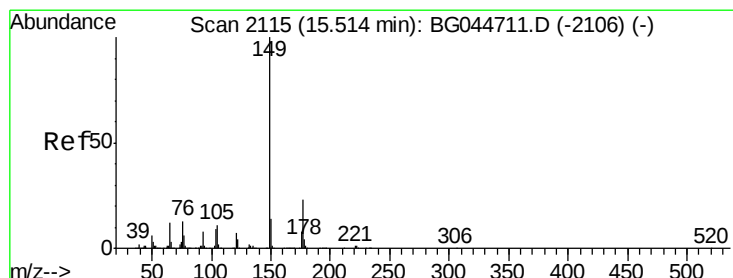
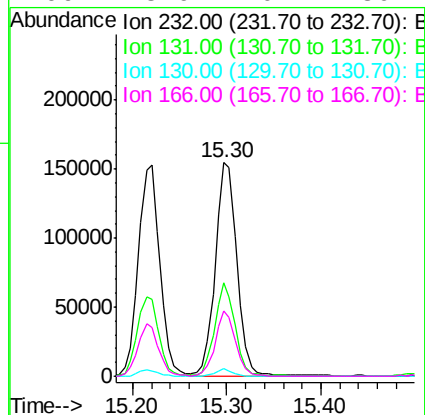
#59
2,3,4,6-Tetrachlorophenol
Concen: 62.252 ng
RT: 15.30 min Scan# 2078
Delta R.T. -0.01 min
Lab File: BG044949.D
Acq: 25 Mar 2020 4:38

Instrument :
BNA_G
ClientSampleId :
TP-4AMSD

Tot Ion	Ratio	Resp Lower	Upper
232	100		
131	40.4	31.8	47.8
130	2.8	2.2	3.2
166	28.9	20.2	30.2

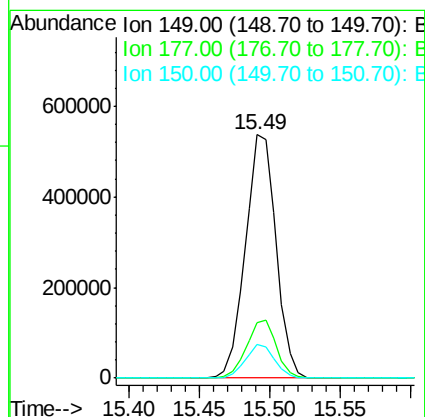
Manual Integrations
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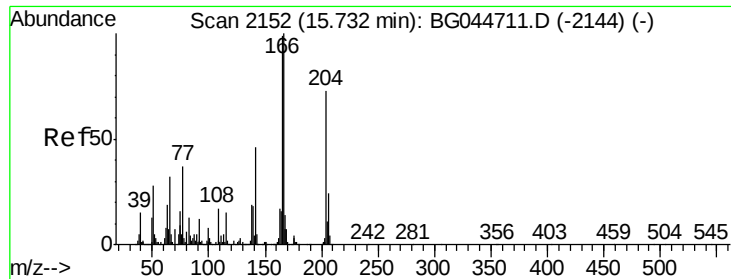
mohammad
3/25/2020 12:27:55 PM



#60
Diethylphthalate
Concen: 51.275 ng
RT: 15.49 min Scan# 2111
Delta R.T. -0.01 min
Lab File: BG044949.D
Acq: 25 Mar 2020 4:38

Tgt Ion	Ratio	Resp Lower	Upper
149	100		
177	22.9	19.3	28.9
150	13.6	11.0	16.6





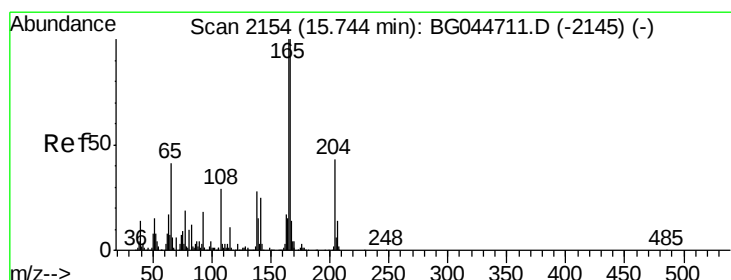
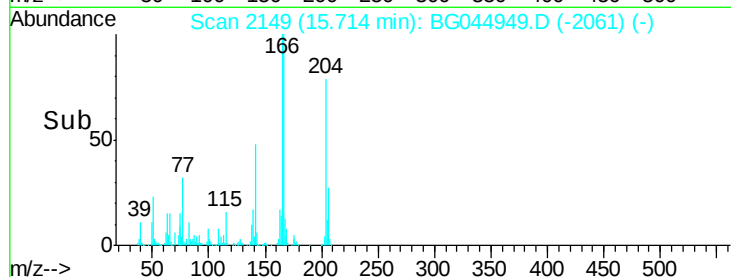
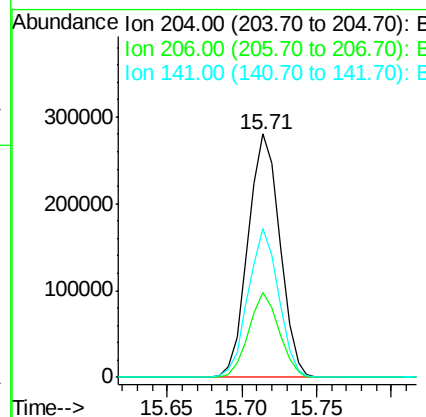
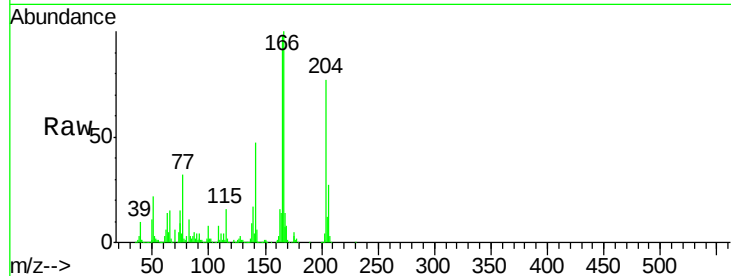
#61
 4-Chlorophenyl-phenylether
 Concen: 53.404 ng
 RT: 15.71 min Scan# 2149
 Delta R.T. -0.01 min
 Lab File: BG044949.D
 Acq: 25 Mar 2020 4:38

Instrument :
 BNA_G
 ClientSampleId :
 TP-4AMSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	34.9	26.2	39.2
141	60.9	47.7	71.5

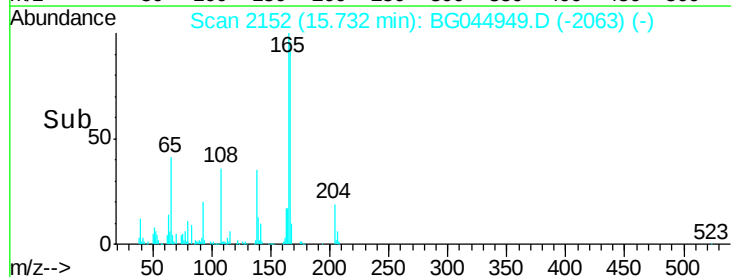
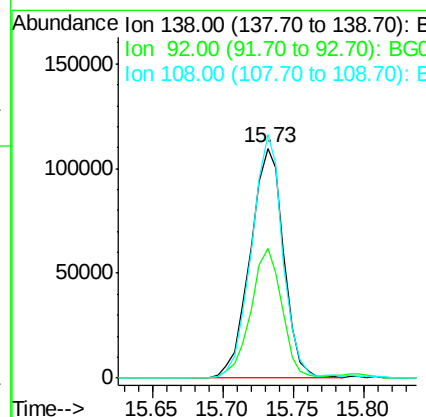
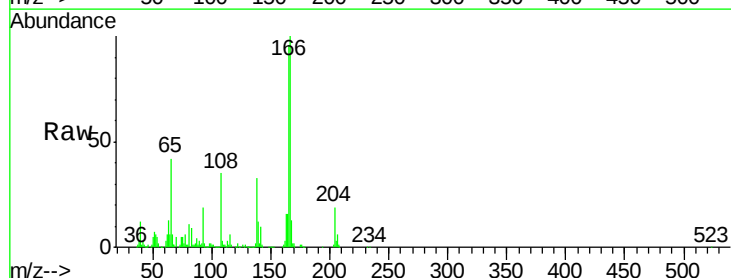
Manual Integrations
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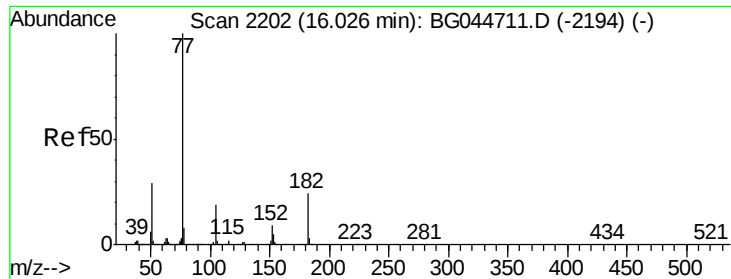
mohammad
 3/25/2020 12:27:55 PM



#62
 4-Nitroaniline
 Concen: 48.413 ng
 RT: 15.73 min Scan# 2152
 Delta R.T. -0.01 min
 Lab File: BG044949.D
 Acq: 25 Mar 2020 4:38

Tgt Ion	Ratio	Lower	Upper
138	100		
92	56.6	34.5	74.5
108	106.0	74.5	114.5





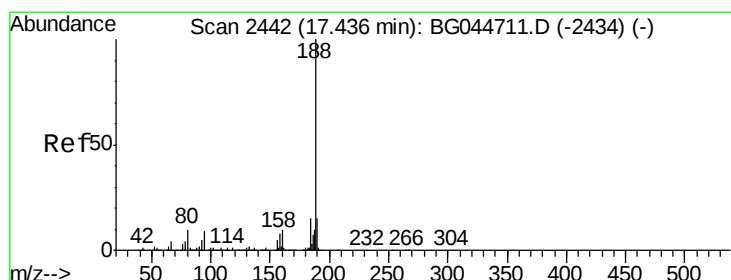
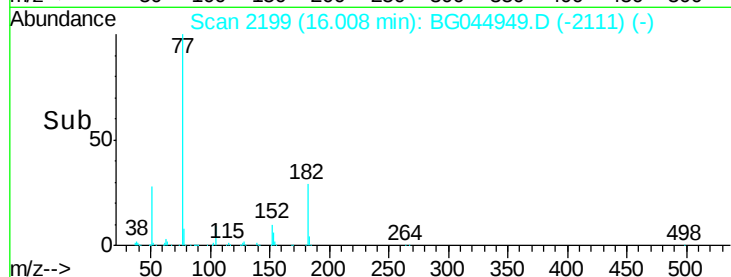
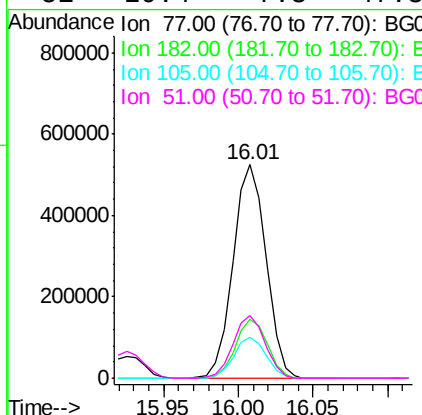
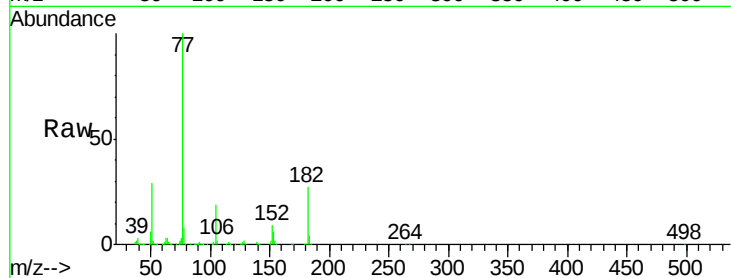
#63
Azobenzene
Concen: 48.772 ng
RT: 16.01 min Scan# 2199
Delta R.T. -0.01 min
Lab File: BG044949.D
Acq: 25 Mar 2020 4:38

Instrument :
BNA_G
ClientSampleId :
TP-4AMSD

Tot Ion	Ratio	Lower	Upper
77	100		
182	27.3	6.4	46.4
105	19.2	0.0	39.1
51	29.4	7.3	47.3

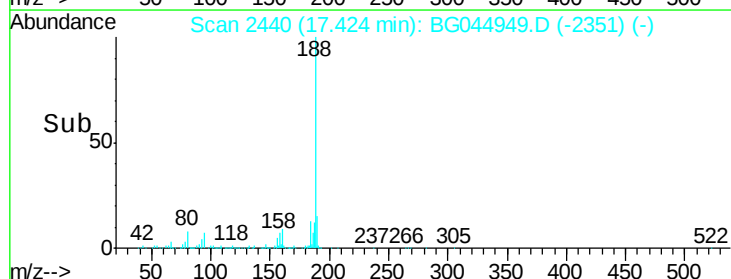
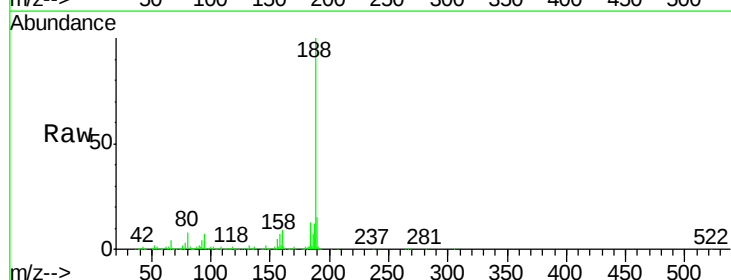
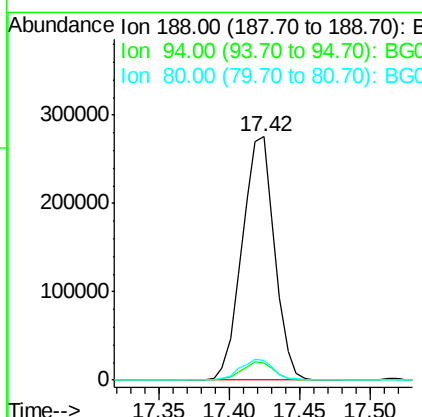
Manual Integrations
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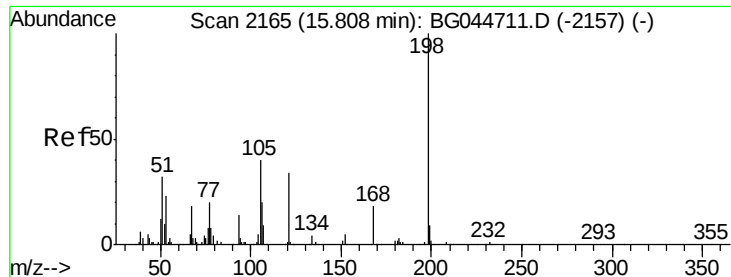
mohammad
3/25/2020 12:27:55 PM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2440
Delta R.T. -0.01 min
Lab File: BG044949.D
Acq: 25 Mar 2020 4:38

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.2	7.3	10.9#
80	8.2	8.0	12.0





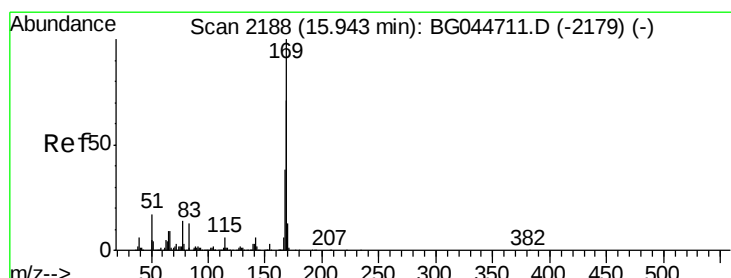
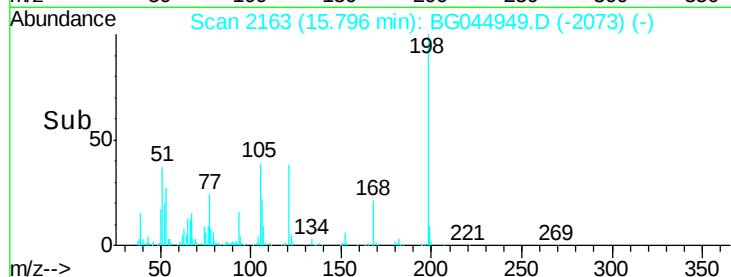
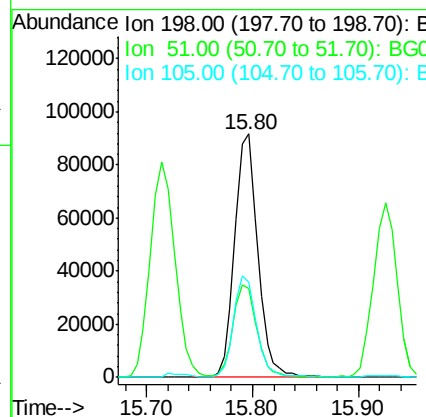
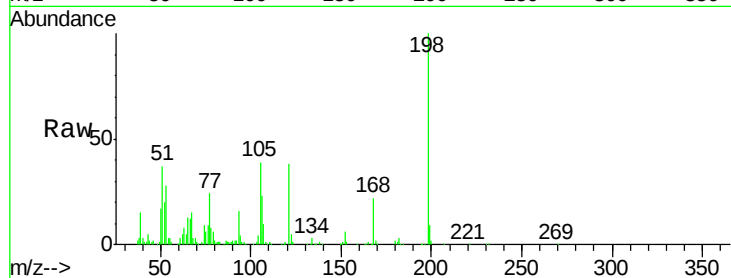
#65
4,6-Dinitro-2-methylphenol
Concen: 63.615 ng
RT: 15.80 min Scan# 2163
Delta R.T. 0.00 min
Lab File: BG044949.D
Acq: 25 Mar 2020 4:38

Instrument :
BNA_G
ClientSampleId :
TP-4AMSD

Tot Ion	Ratio	Resp	Lower	Upper
198	100	138428		
51	36.6	21.1	61.1	
105	38.9	24.5	64.5	

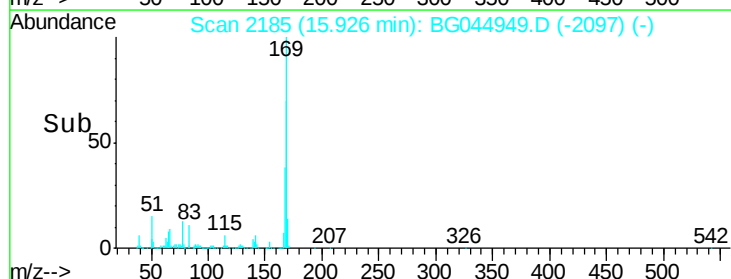
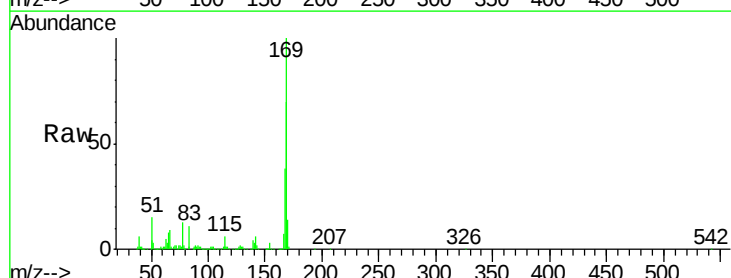
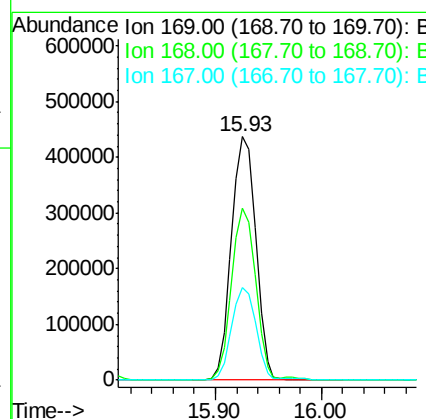
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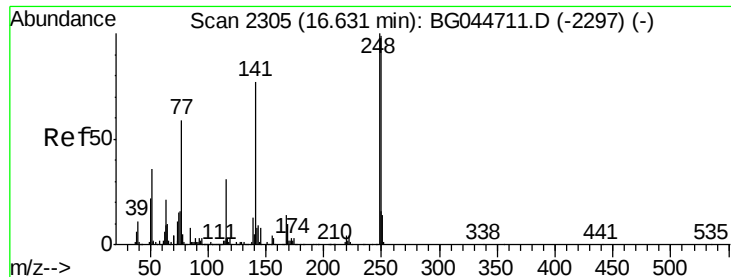
mohammad
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#66
n-Nitrosodiphenylamine
Concen: 52.605 ng
RT: 15.93 min Scan# 2185
Delta R.T. -0.01 min
Lab File: BG044949.D
Acq: 25 Mar 2020 4:38

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	699411		
168	70.4	55.4	83.2	
167	38.1	30.1	45.1	





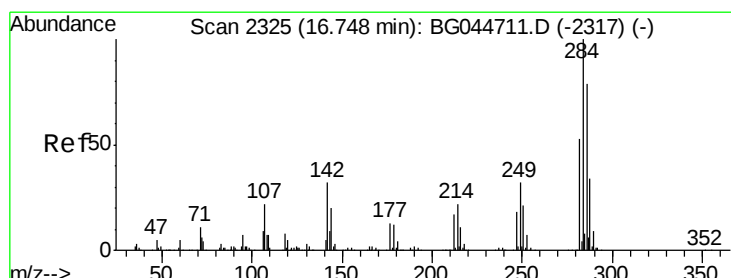
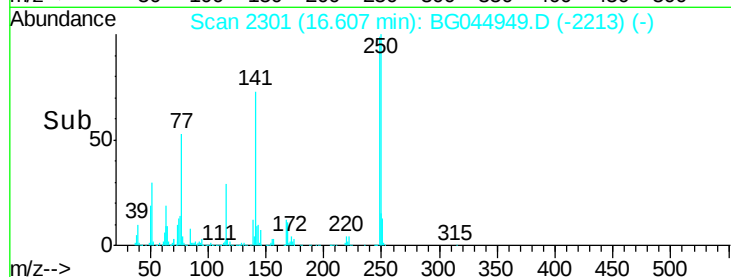
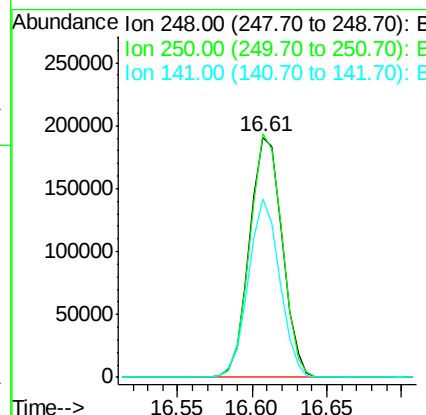
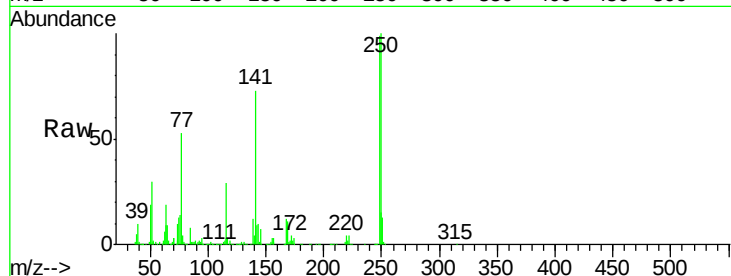
#67
4-Bromophenyl-phenylether
Concen: 52.237 ng
RT: 16.61 min Scan# 2301
Delta R.T. -0.01 min
Lab File: BG044949.D
Acq: 25 Mar 2020 4:38

Instrument :
BNA_G
ClientSampleId :
TP-4AMSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	101.5	77.9	116.9
141	74.4	57.5	86.3

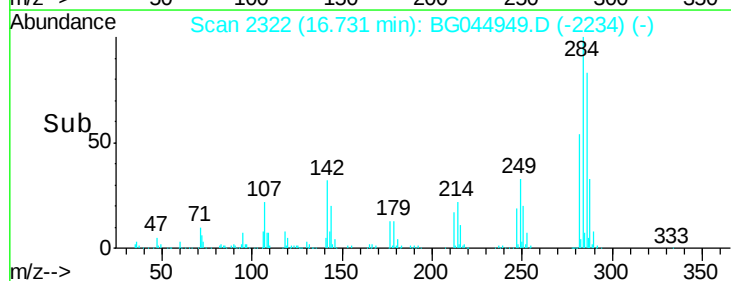
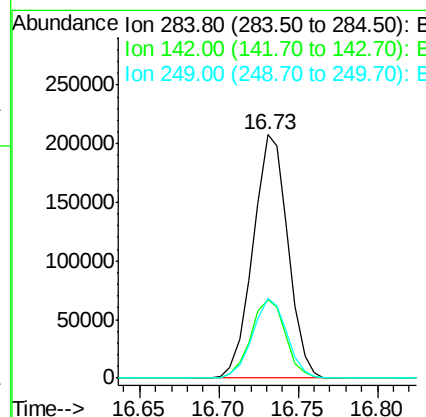
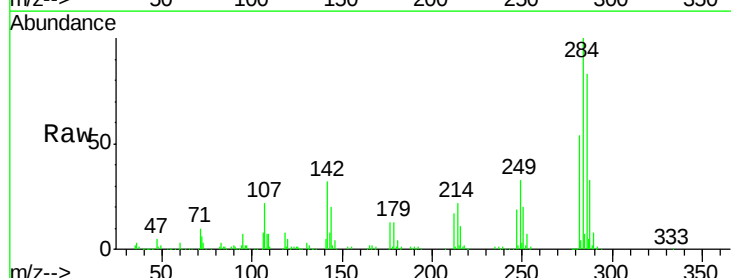
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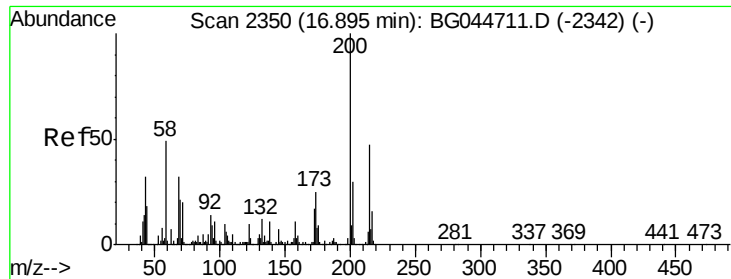
mohammad
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#68
Hexachlorobenzene
Concen: 52.967 ng
RT: 16.73 min Scan# 2322
Delta R.T. -0.01 min
Lab File: BG044949.D
Acq: 25 Mar 2020 4:38

Tgt Ion	Ratio	Lower	Upper
284	100		
142	32.2	25.0	37.6
249	32.6	25.8	38.8





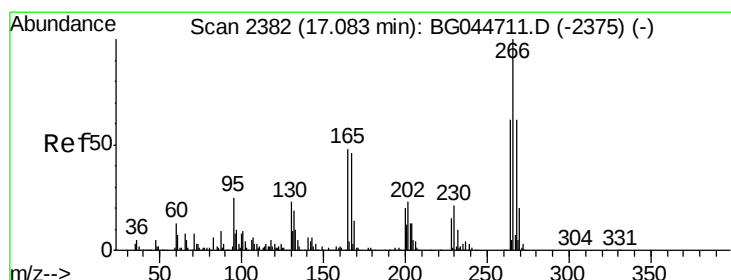
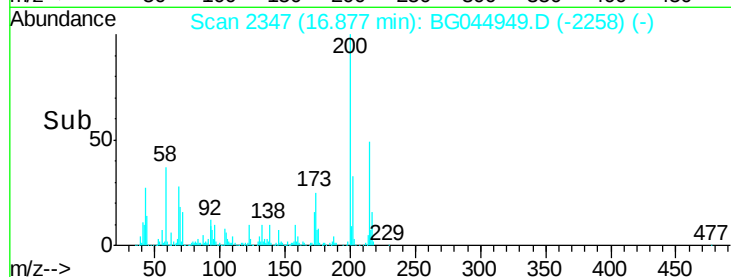
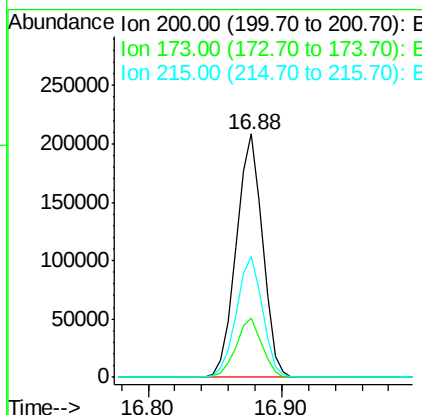
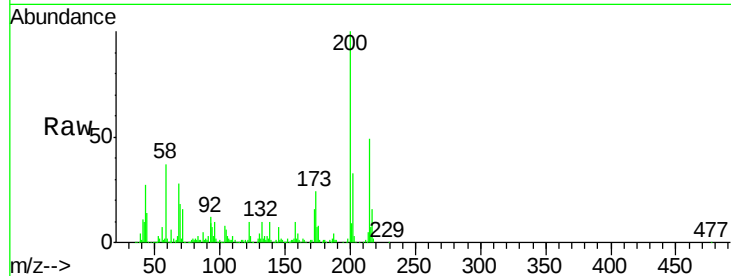
#69
Atrazine
Concen: 58.618 ng
RT: 16.88 min Scan# 2347
Delta R.T. -0.01 min
Lab File: BG044949.D
Acq: 25 Mar 2020 4:38

Instrument :
BNA_G
ClientSampleId :
TP-4AMSD

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	24.5	5.3	45.3
215	49.4	28.9	68.9

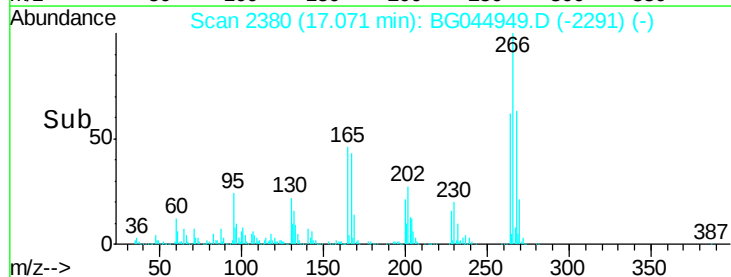
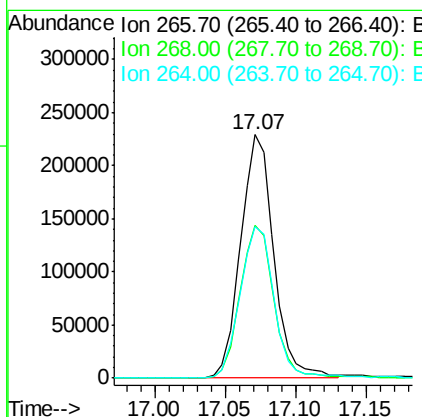
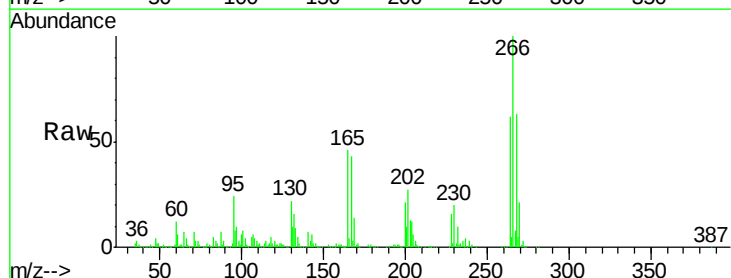
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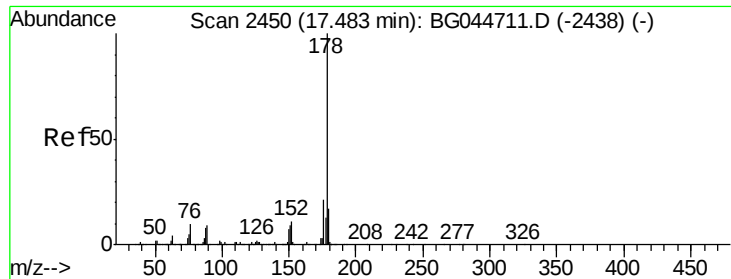
mohammad
3/25/2020 12:27:55 PM



#70
Pentachlorophenol
Concen: 114.148 ng
RT: 17.07 min Scan# 2380
Delta R.T. -0.01 min
Lab File: BG044949.D
Acq: 25 Mar 2020 4:38

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	62.7	50.3	75.5
264	62.4	51.4	77.2





#71

Phenanthrene

Concen: 52.618 ng

RT: 17.46 min Scan# 2447

Delta R.T. -0.01 min

Lab File: BG044949.D

Acq: 25 Mar 2020 4:38

Instrument :

BNA_G

ClientSampleId :

TP-4AMSD

Tot Ion:178 Resp: 1241715

Ion Ratio Lower Upper

178 100

176 21.4 16.6 24.8

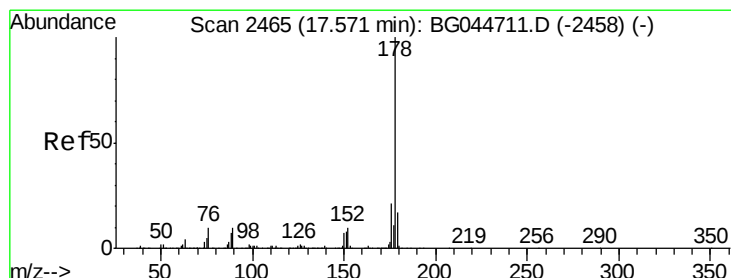
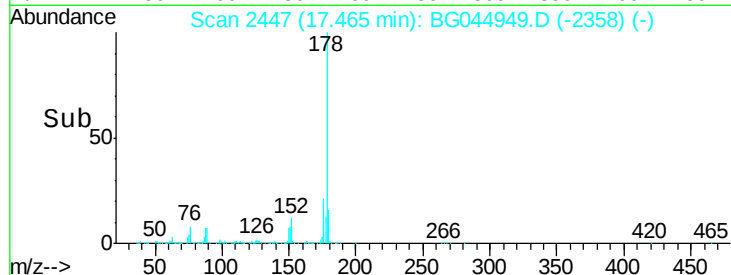
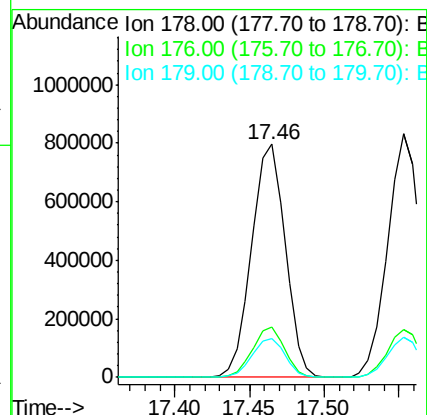
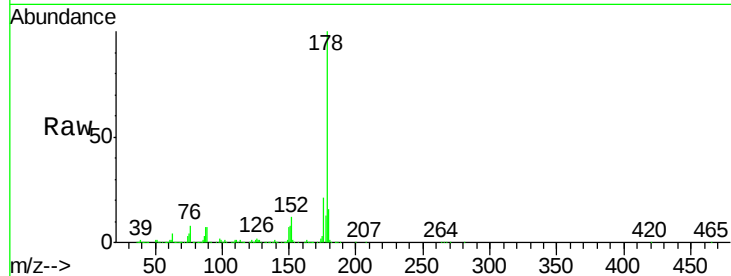
179 16.4 13.5 20.3

Manual Integrations

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mohammad

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#72

Anthracene

Concen: 54.488 ng

RT: 17.55 min Scan# 2462

Delta R.T. -0.01 min

Lab File: BG044949.D

Acq: 25 Mar 2020 4:38

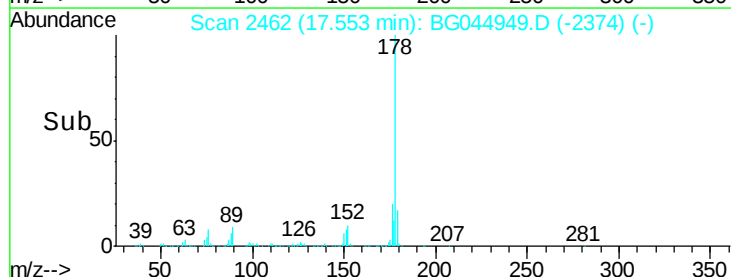
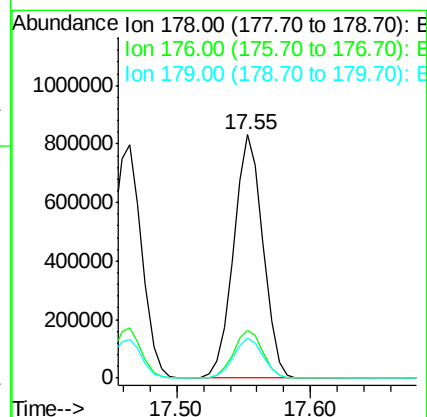
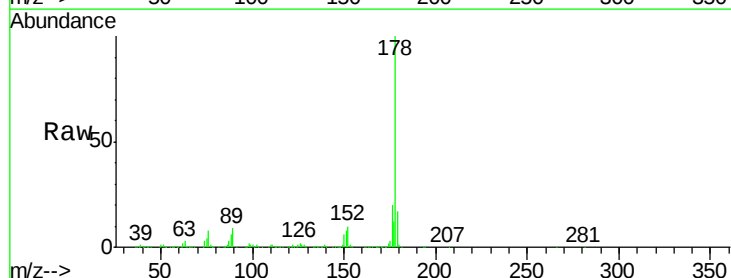
Tgt Ion:178 Resp: 1267925

Ion Ratio Lower Upper

178 100

176 19.5 15.9 23.9

179 16.6 13.2 19.8





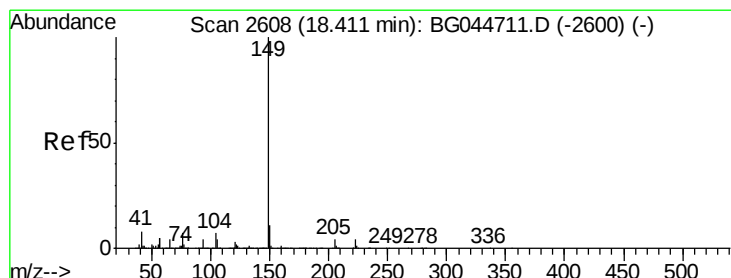
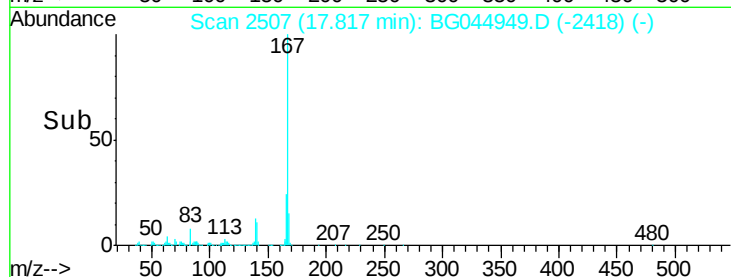
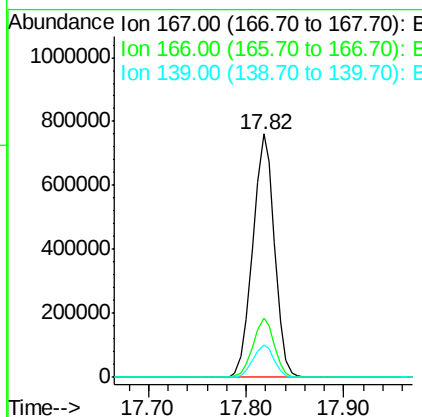
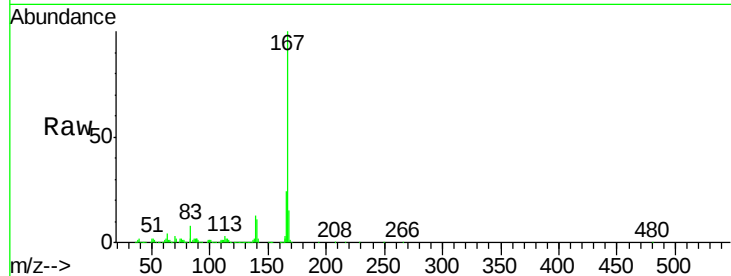
#73
 Carbazole
 Concen: 53.308 ng
 RT: 17.82 min Scan# 2507
 Delta R.T. -0.01 min
 Lab File: BG044949.D
 Acq: 25 Mar 2020 4:38

Instrument :
 BNA_G
 ClientSampleId :
 TP-4AMSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	24.2	18.8	28.2
139	13.2	10.8	16.2

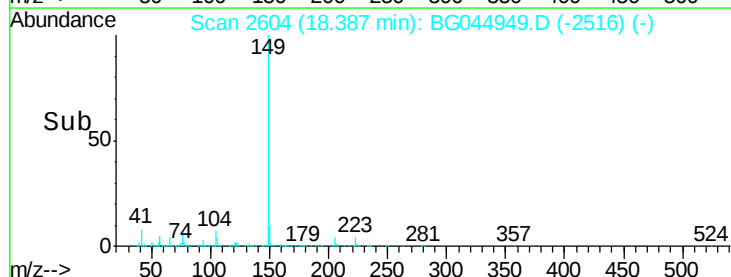
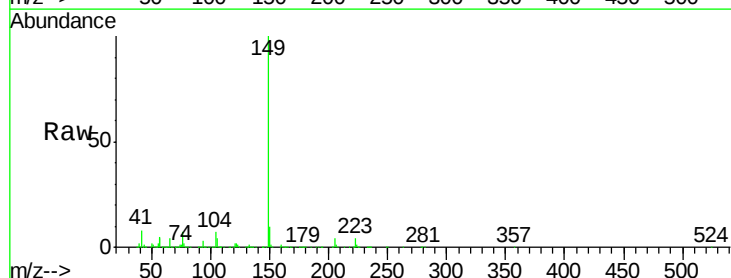
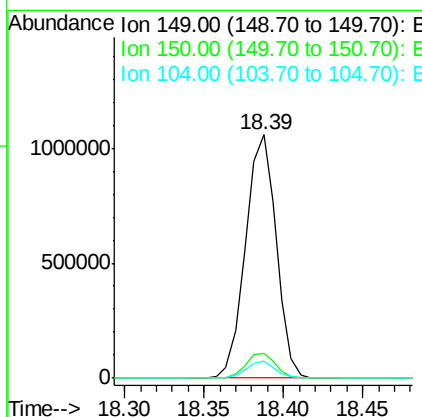
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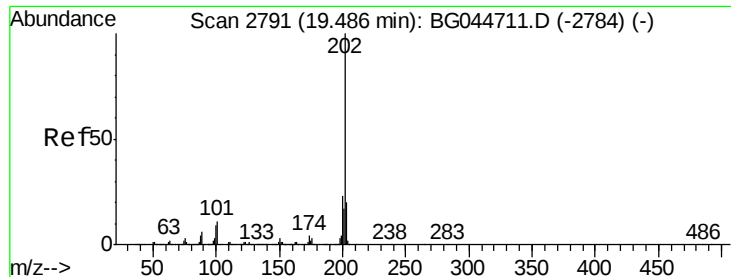
mohammad
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#74
 Di-n-butylphthalate
 Concen: 52.265 ng
 RT: 18.39 min Scan# 2604
 Delta R.T. -0.01 min
 Lab File: BG044949.D
 Acq: 25 Mar 2020 4:38

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.3	8.1	12.1
104	6.8	5.0	7.4





#75

Fluoranthene

Concen: 55.417 ng

RT: 19.47 min Scan# 2788

Delta R.T. -0.01 min

Lab File: BG044949.D

Acq: 25 Mar 2020 4:38

Instrument :

BNA_G

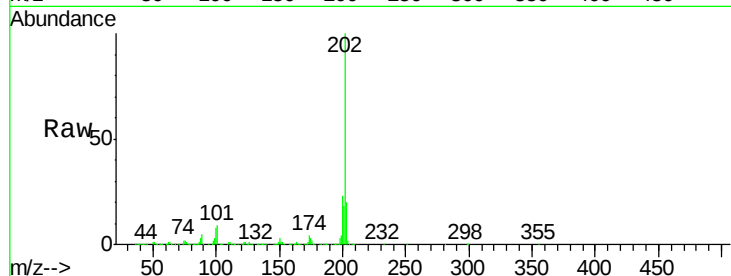
ClientSampleId :

TP-4AMSD

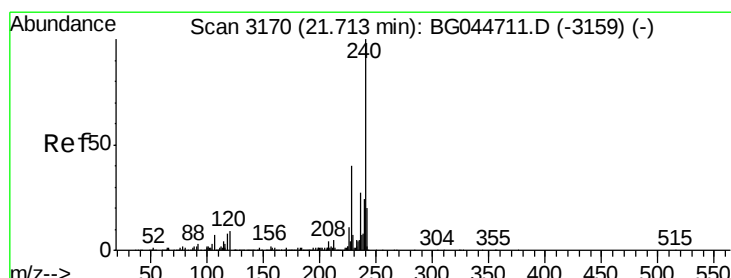
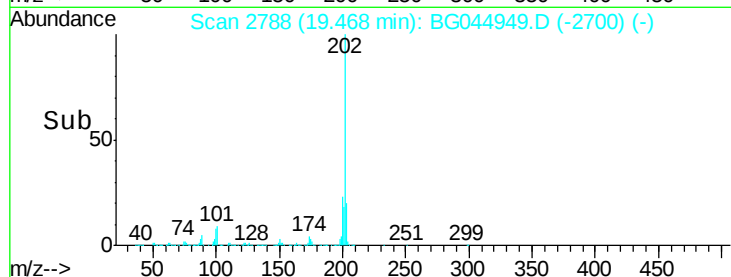
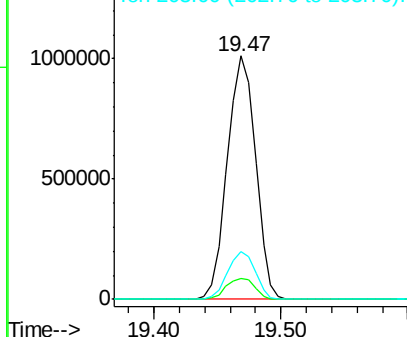
Tot Ion:	202	Resp:	1557122
Ion Ratio	Lower	Upper	
202	100		
101	8.8	0.0	29.8
203	19.6	0.0	39.4

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



#76

Chrysene-d12

Concen: 20.000 ng

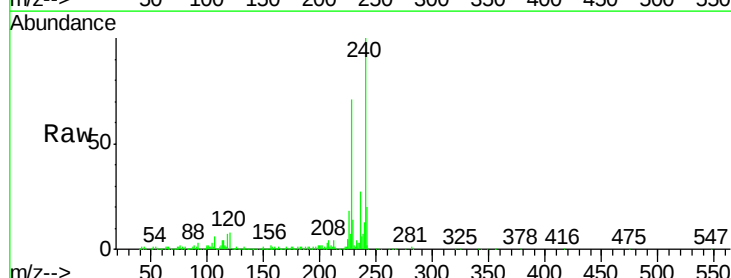
RT: 21.69 min Scan# 3166

Delta R.T. -0.01 min

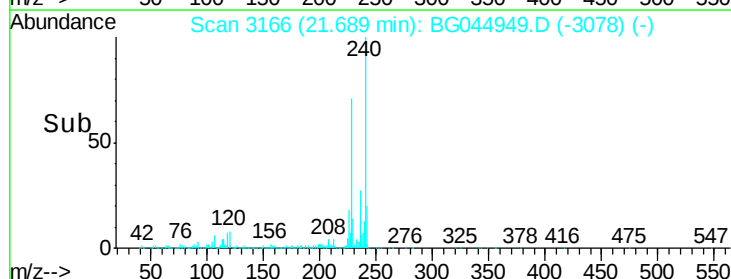
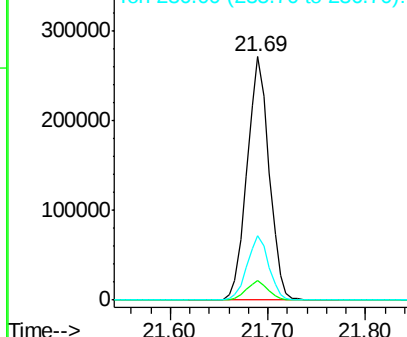
Lab File: BG044949.D

Acq: 25 Mar 2020 4:38

Tgt Ion:	240	Resp:	425107
Ion Ratio	Lower	Upper	
240	100		
120	7.8	6.7	10.1
236	26.6	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: 8.755 ng

RT: 19.64 min Scan# 2818

Delta R.T. -0.01 min

Lab File: BG044949.D

Acq: 25 Mar 2020 4:38

Instrument :

BNA_G

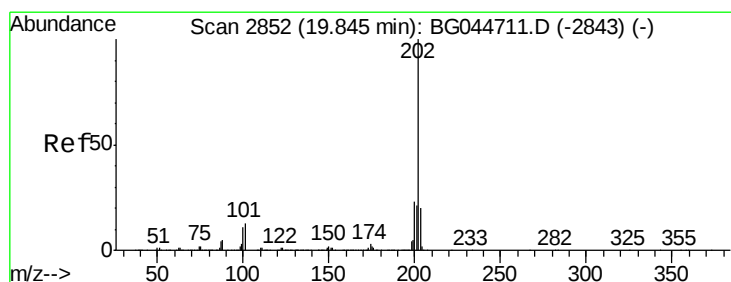
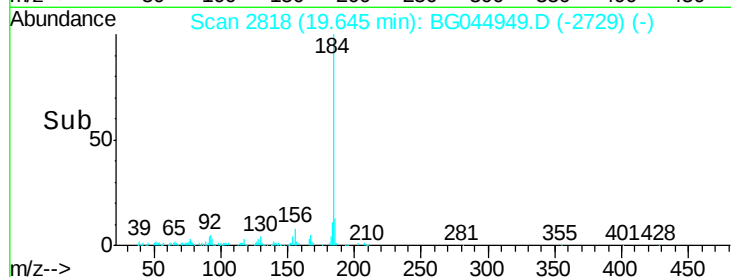
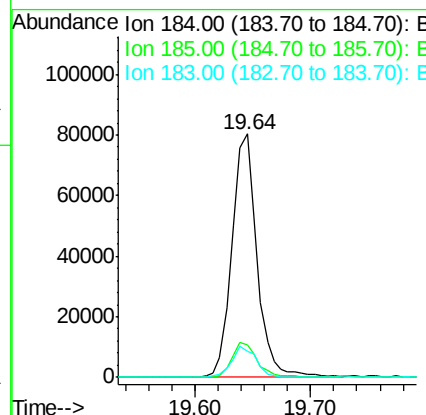
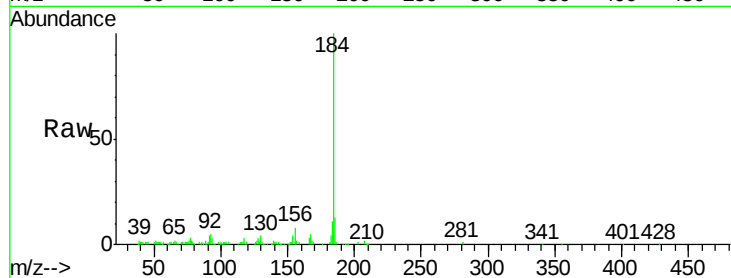
ClientSampled :

TP-4AMSD

Tot Ion:	184	Resp:	120818
Ion Ratio	Lower	Upper	
184	100		
185	13.3	12.2	18.4
183	10.8	10.7	16.1

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#78

Pyrene

Concen: 49.781 ng

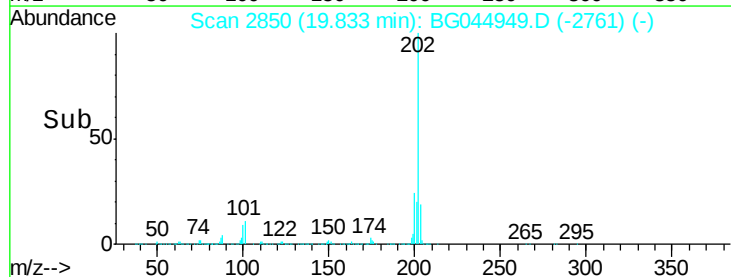
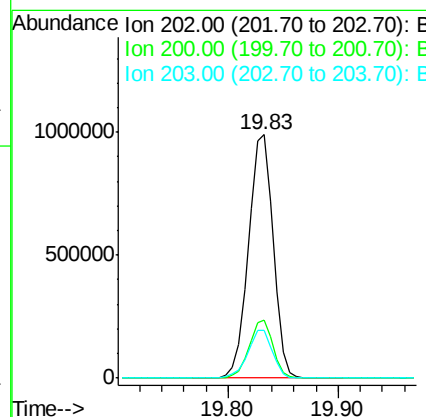
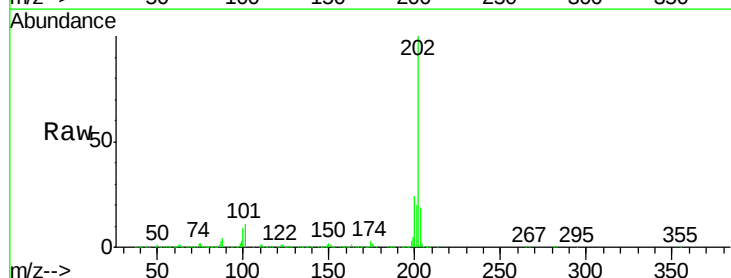
RT: 19.83 min Scan# 2850

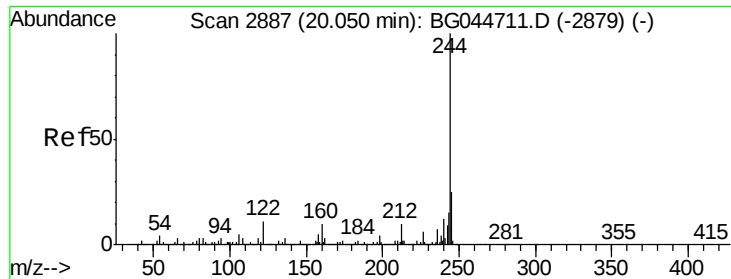
Delta R.T. -0.01 min

Lab File: BG044949.D

Acq: 25 Mar 2020 4:38

Tgt Ion:	202	Resp:	1552624
Ion Ratio	Lower	Upper	
202	100		
200	23.6	18.3	27.5
203	19.4	15.6	23.4





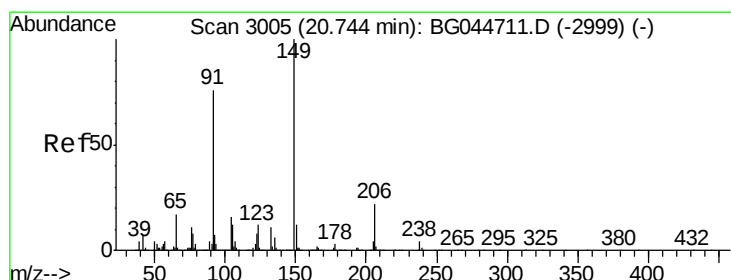
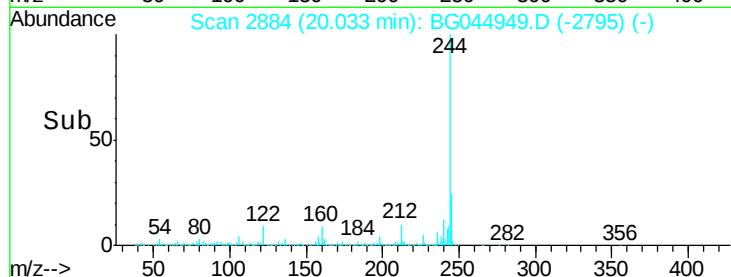
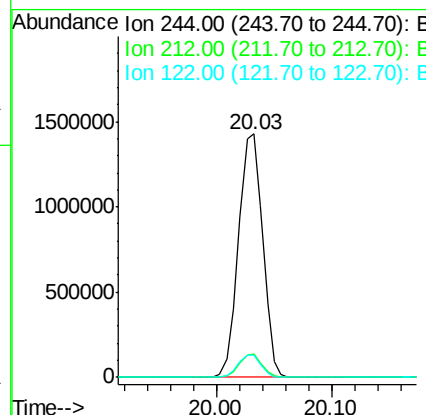
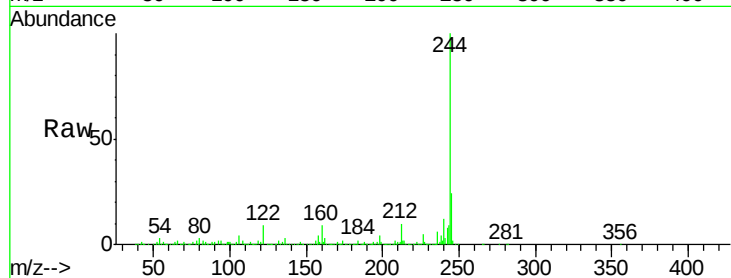
#79
 Terphenyl-d14
 Concen: 90.814 ng
 RT: 20.03 min Scan# 2884
 Delta R.T. -0.01 min
 Lab File: BG044949.D
 Acq: 25 Mar 2020 4:38

Instrument :
 BNA_G
 ClientSampleId :
 TP-4AMSD

Tot Ion	Ratio	Lower	Upper
244	100		
212	9.8	7.7	11.5
122	9.2	8.6	12.8

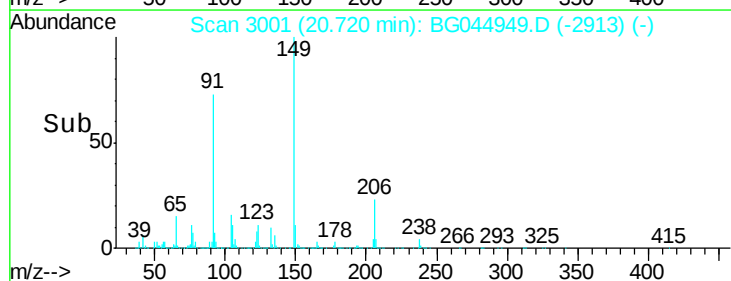
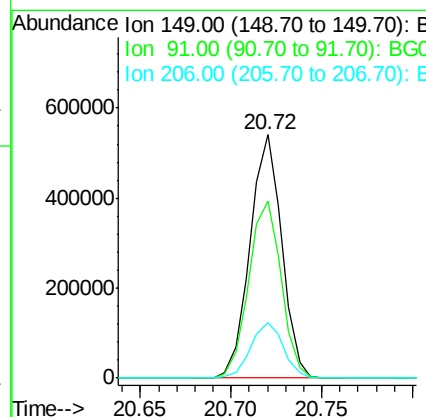
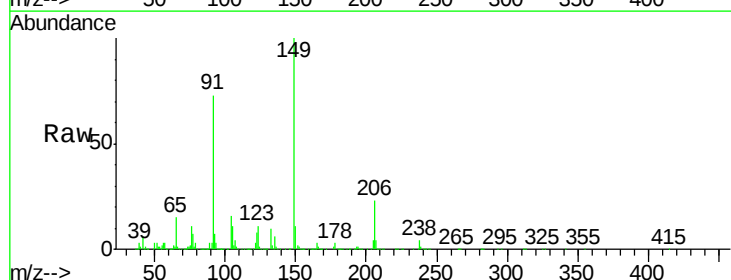
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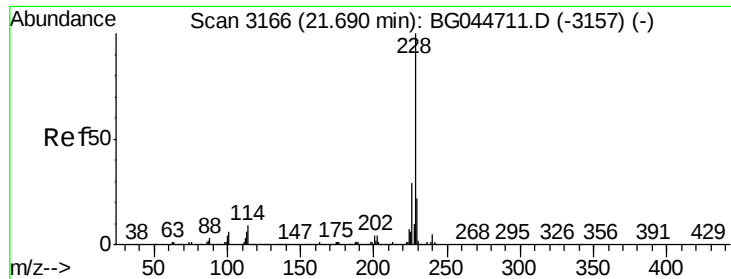
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#80
 Butylbenzylphthalate
 Concen: 47.312 ng
 RT: 20.72 min Scan# 3001
 Delta R.T. -0.01 min
 Lab File: BG044949.D
 Acq: 25 Mar 2020 4:38

Tgt Ion	Ratio	Lower	Upper
149	100		
91	72.6	60.2	90.4
206	23.0	18.6	27.8





#81

Benzo(a)anthracene

Concen: 48.547 ng

RT: 21.67 min Scan# 3163

Delta R.T. -0.01 min

Lab File: BG044949.D

Acq: 25 Mar 2020 4:38

Instrument :

BNA_G

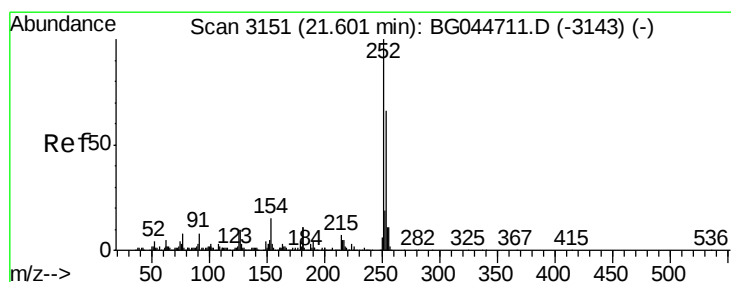
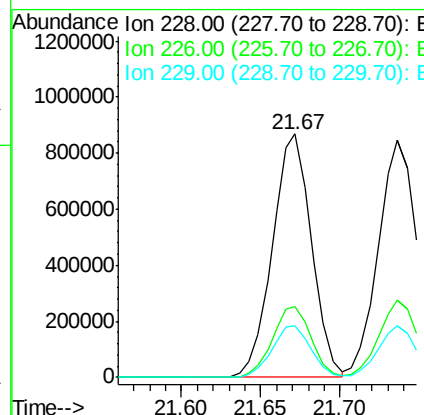
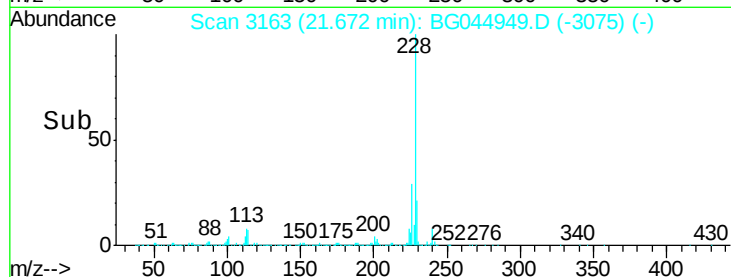
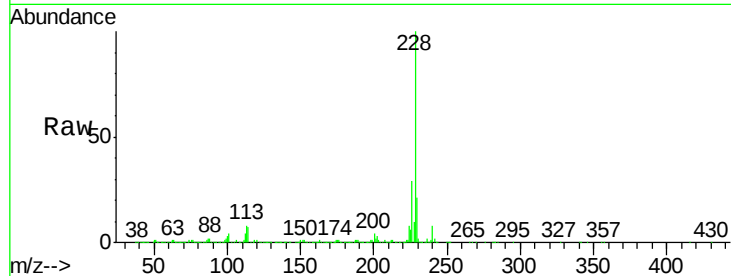
ClientSampled :

TP-4AMSD

Tot Ion:	228	Resp:	1486072
Ion	Ratio	Lower	Upper
228	100		
226	29.3	23.6	35.4
229	21.4	17.1	25.7

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#82

3,3'-Dichlorobenzidine

Concen: 22.715 ng

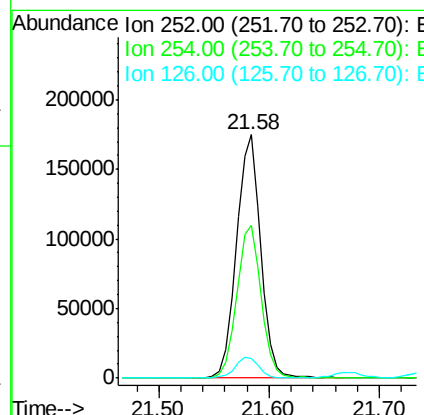
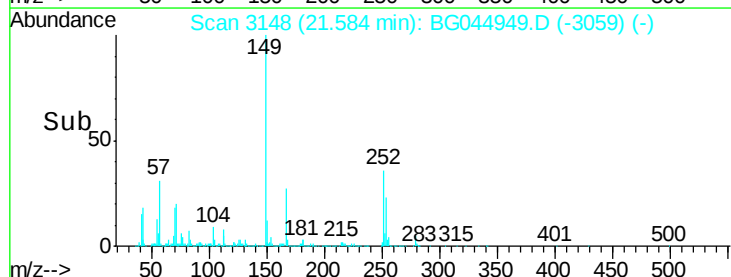
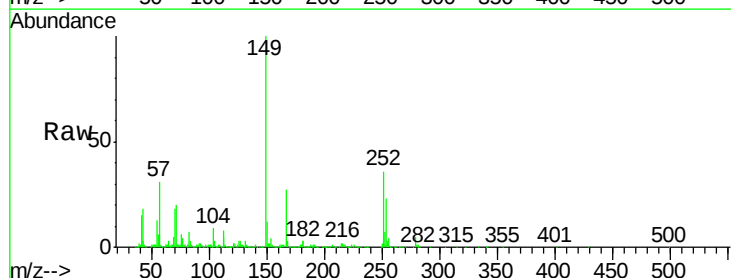
RT: 21.58 min Scan# 3148

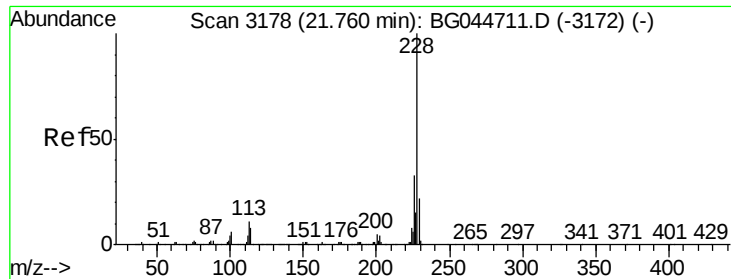
Delta R.T. -0.01 min

Lab File: BG044949.D

Acq: 25 Mar 2020 4:38

Tgt Ion:	252	Resp:	269001
Ion	Ratio	Lower	Upper
252	100		
254	62.8	51.6	77.4
126	8.0	7.0	10.6





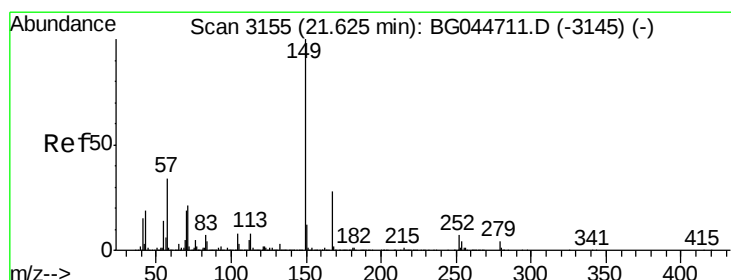
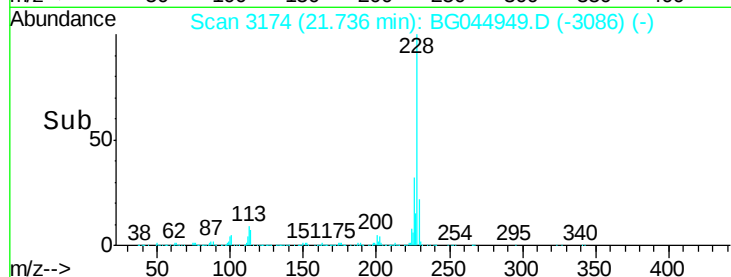
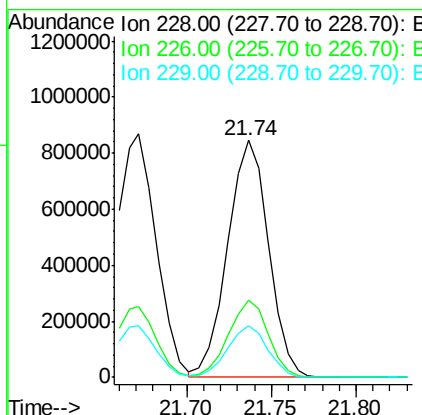
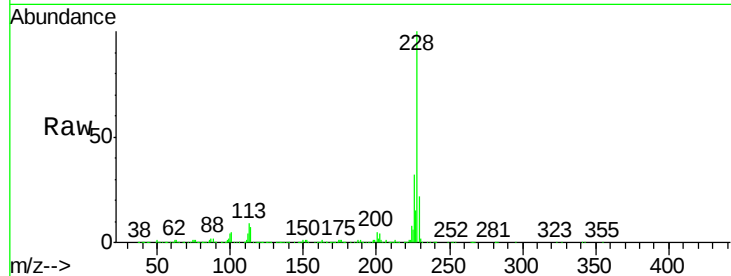
#83
Chrysene
Concen: 48.717 ng
RT: 21.74 min Scan# 3174
Delta R.T. -0.01 min
Lab File: BG044949.D
Acq: 25 Mar 2020 4:38

Instrument :
BNA_G
ClientSampled :
TP-4AMSD

Tot Ion:228 Resp: 1424503
Ion Ratio Lower Upper
228 100
226 32.4 25.9 38.9
229 22.0 17.4 26.0

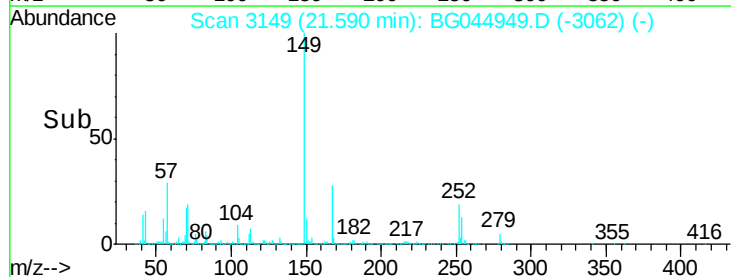
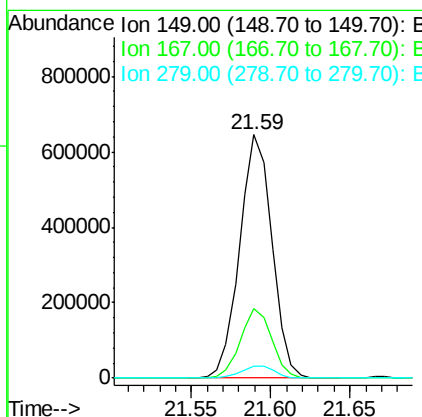
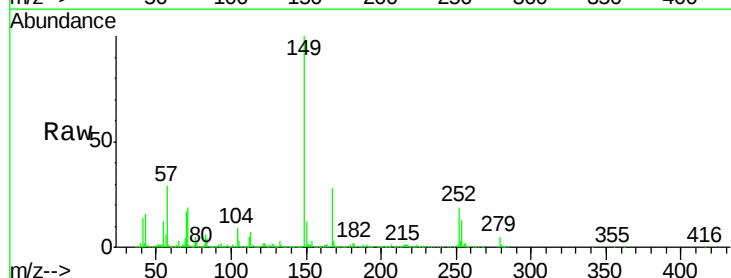
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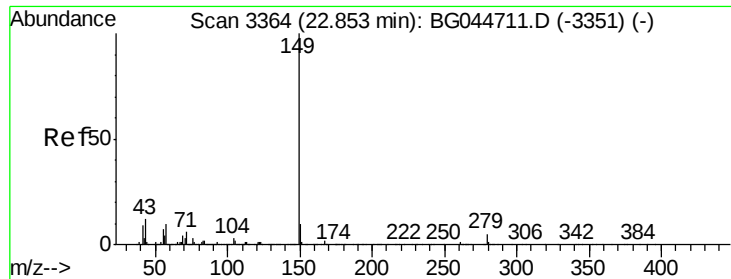
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#84
Bis(2-ethylhexyl)phthalate
Concen: 47.572 ng
RT: 21.59 min Scan# 3149
Delta R.T. -0.02 min
Lab File: BG044949.D
Acq: 25 Mar 2020 4:38

Tgt Ion:149 Resp: 910972
Ion Ratio Lower Upper
149 100
167 28.4 21.8 32.6
279 5.1 3.8 5.6





#85

Di-n-octyl phthalate

Concen: 48.631 ng

RT: 22.81 min Scan# 3356

Delta R.T. -0.02 min

Lab File: BG044949.D

Acq: 25 Mar 2020 4:38

Instrument :

BNA_G

ClientSampleId :

TP-4AMSD

Tot Ion:149 Resp: 1558371

Ion Ratio Lower Upper

149 100

167 1.6 1.4 2.0

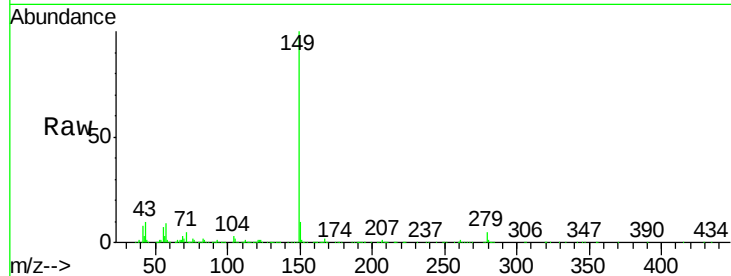
43 10.0 8.2 12.4

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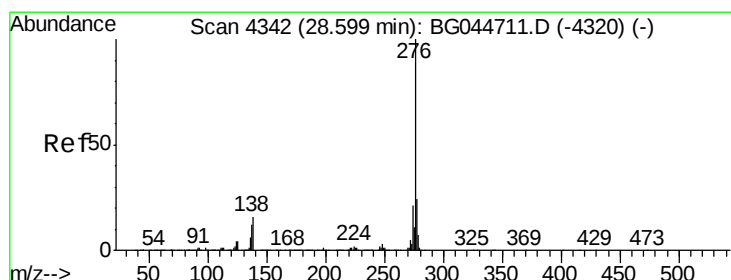
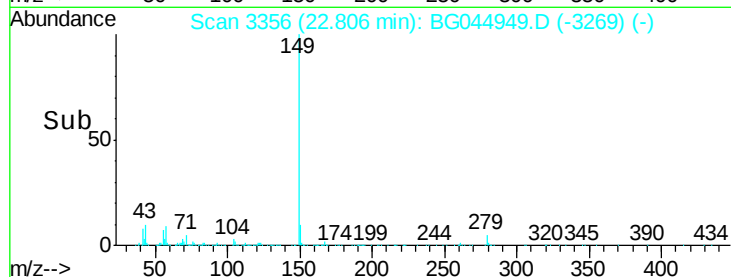
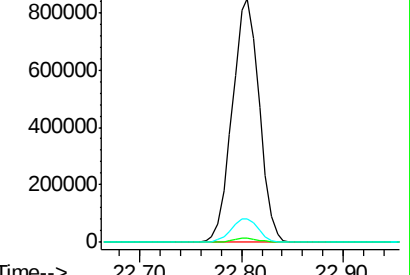
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 50.679 ng

RT: 28.55 min Scan# 4334

Delta R.T. -0.02 min

Lab File: BG044949.D

Acq: 25 Mar 2020 4:38

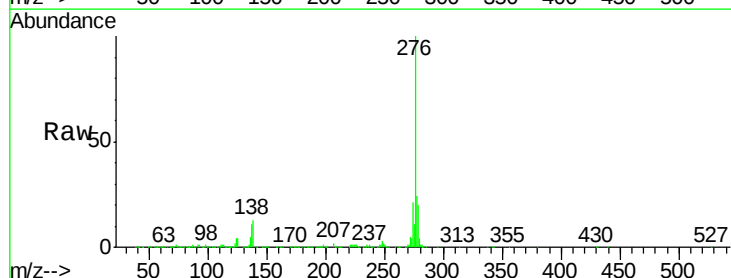
Tgt Ion:276 Resp: 1942772

Ion Ratio Lower Upper

276 100

138 16.9 7.4 11.0#

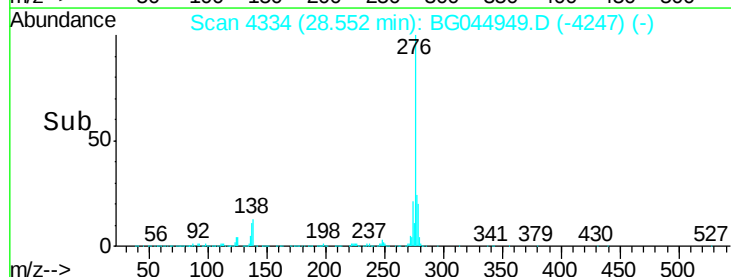
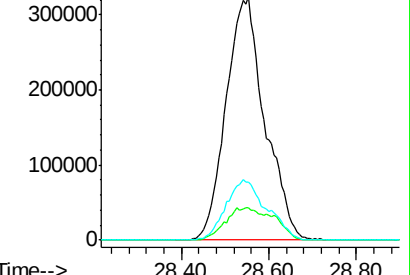
277 26.1 20.8 31.2

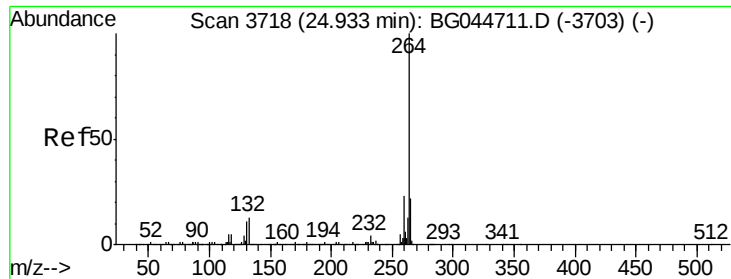


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.89 min Scan# 3711

Delta R.T. -0.02 min

Lab File: BG044949.D

Acq: 25 Mar 2020 4:38

Instrument :

BNA_G

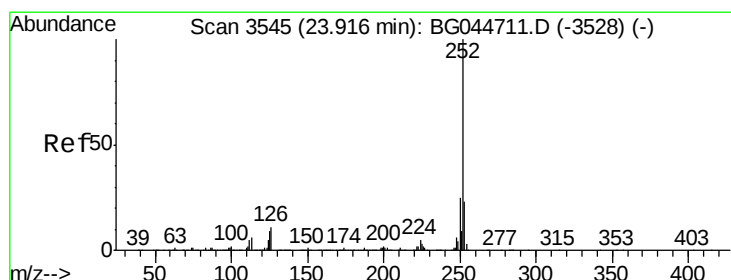
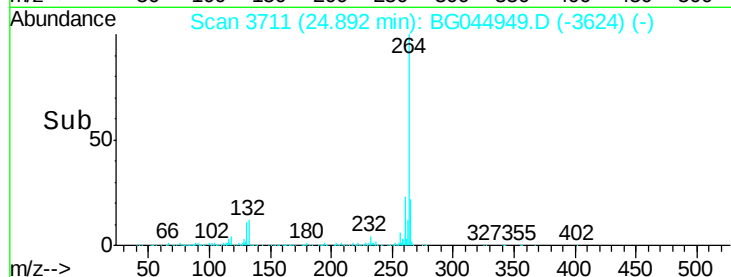
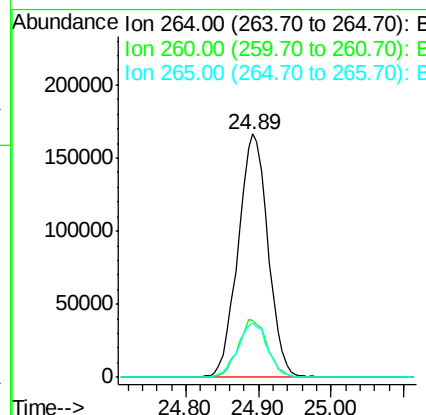
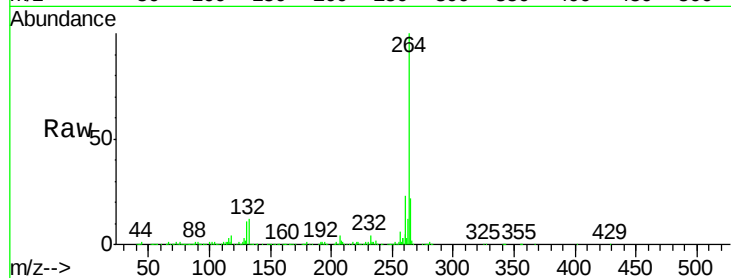
ClientSampleId :

TP-4AMSD

Tot Ion:	264	Resp:	475359
Ion Ratio		Lower	Upper
264	100		
260	23.4	18.1	27.1
265	22.2	17.1	25.7

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#88

Benzo(b)fluoranthene

Concen: 52.756 ng

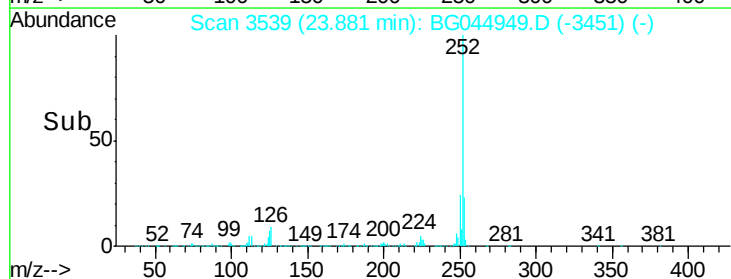
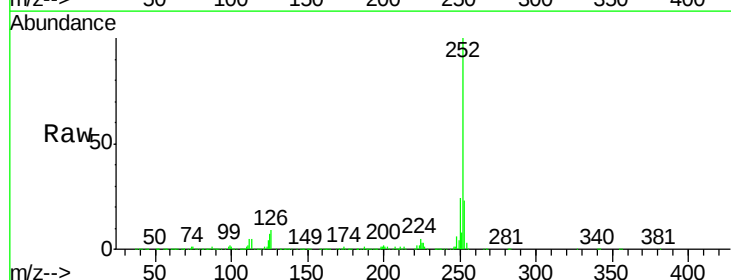
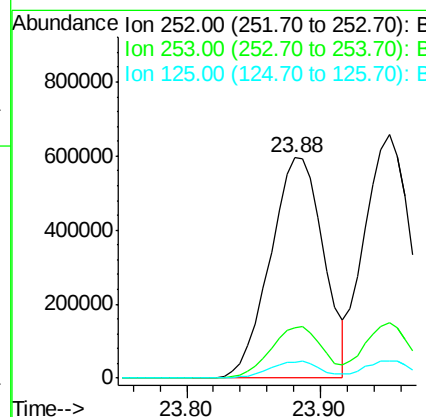
RT: 23.88 min Scan# 3539

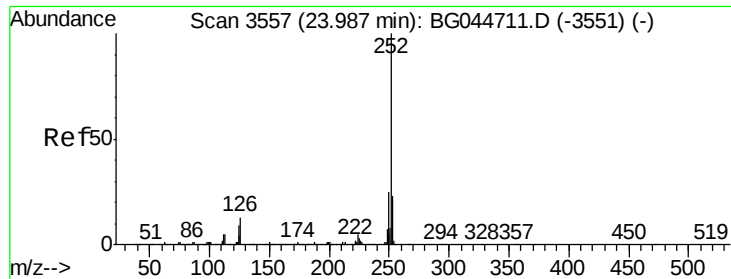
Delta R.T. -0.01 min

Lab File: BG044949.D

Acq: 25 Mar 2020 4:38

Tgt Ion:	252	Resp:	1655601
Ion Ratio		Lower	Upper
252	100		
253	22.9	18.1	27.1
125	6.9	6.6	9.8





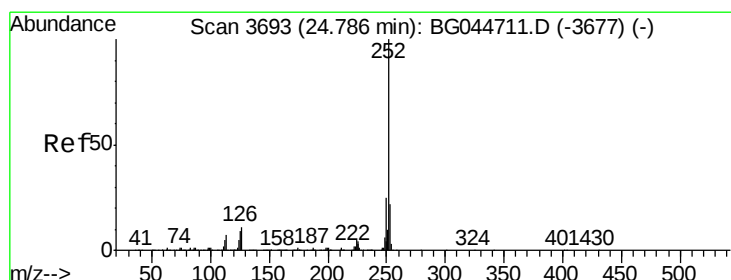
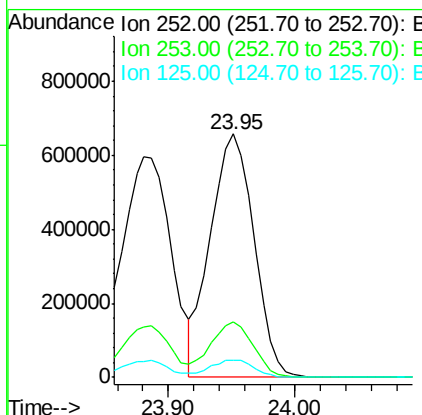
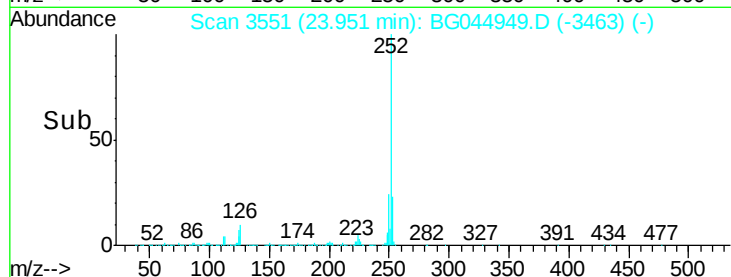
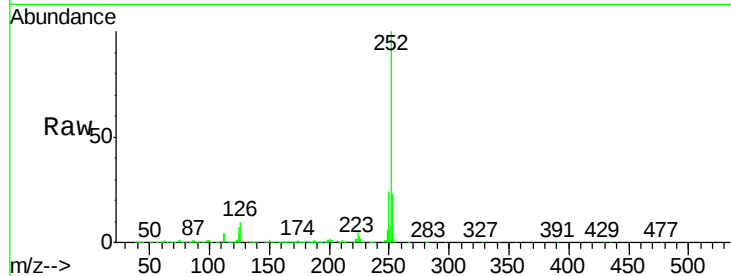
#89
Benzo(k)fluoranthene
Concen: 52.729 ng
RT: 23.95 min Scan# 3551
Delta R.T. -0.01 min
Lab File: BG044949.D
Acq: 25 Mar 2020 4:38

Instrument :
BNA_G
ClientSampleId :
TP-4AMSD

Tot Ion:252 Resp: 1565944
Ion Ratio Lower Upper
252 100
253 22.8 18.5 27.7
125 7.2 6.2 9.2

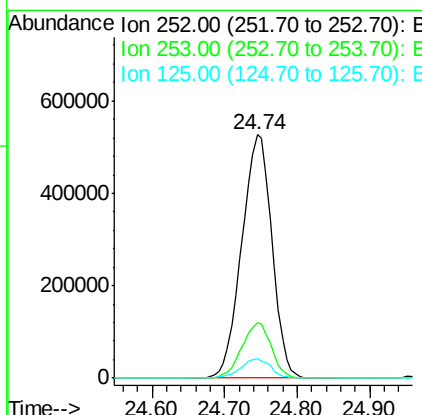
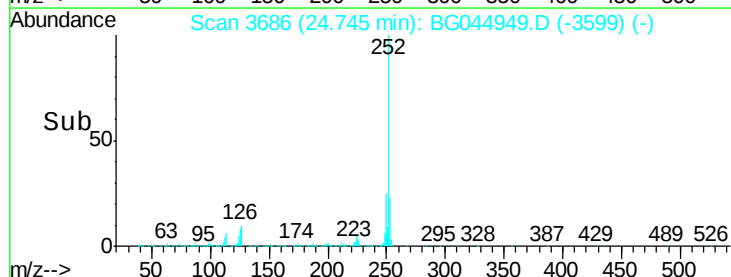
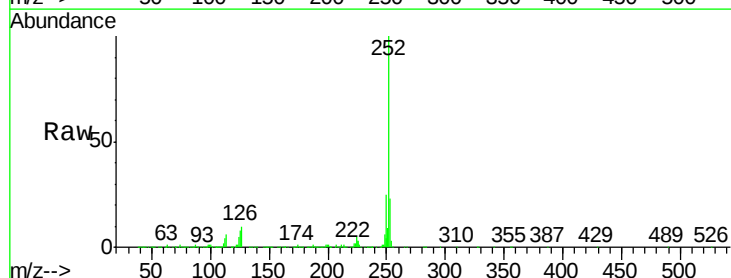
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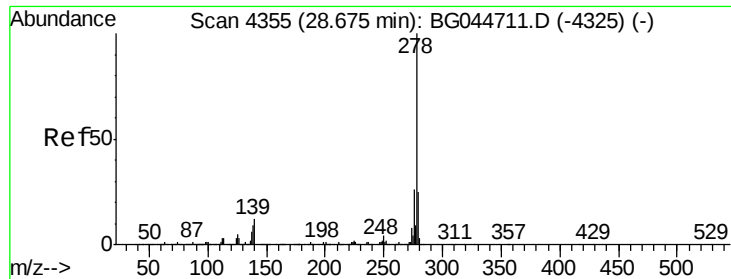
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#90
Benzo(a)pyrene
Concen: 51.815 ng
RT: 24.74 min Scan# 3686
Delta R.T. -0.02 min
Lab File: BG044949.D
Acq: 25 Mar 2020 4:38

Tgt Ion:252 Resp: 1521509
Ion Ratio Lower Upper
252 100
253 22.9 19.4 29.0
125 7.8 7.2 10.8





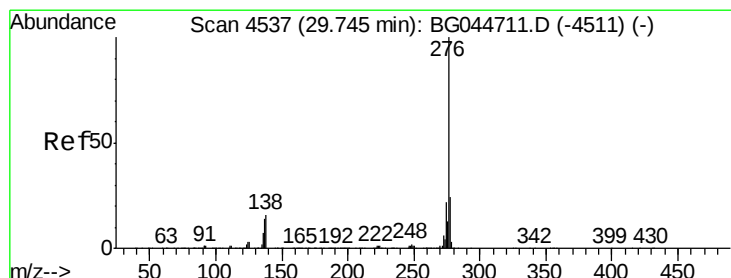
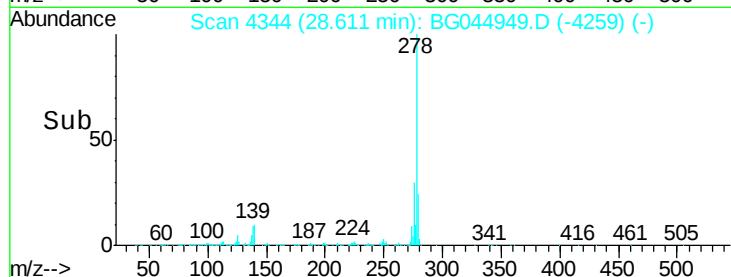
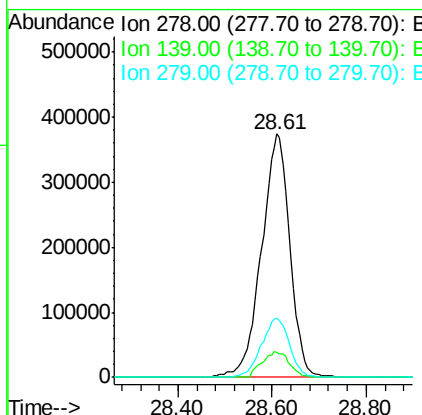
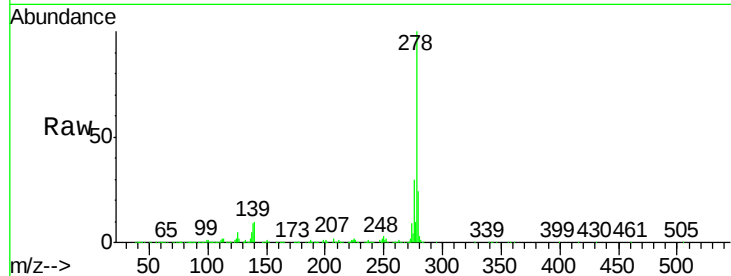
#91
Dibenzo(a,h)anthracene
Concen: 53.999 ng
RT: 28.61 min Scan# 4344
Delta R.T. -0.03 min
Lab File: BG044949.D
Acq: 25 Mar 2020 4:38

Instrument :
BNA_G
ClientSampleId :
TP-4AMSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	9.9	10.2	15.2#
279	24.3	18.9	28.3

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 54.087 ng
RT: 29.68 min Scan# 4526
Delta R.T. -0.03 min
Lab File: BG044949.D
Acq: 25 Mar 2020 4:38

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.4	20.1	30.1
138	13.8	13.0	19.6

