

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041520\
 Data File : BG044994.D
 Acq On : 15 Apr 2020 22:56
 Operator : CG/JU
 Sample : L2123-09MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TR-04-041420MSD

Manual Integrations
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mohammad
 4/16/2020 12:55:02 PM

Quant Time: Apr 16 05:23:49 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 15 17:57:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	71750	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	311153	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	245815	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	613552	20.00	ng	0.00
76) Chrysene-d12	21.67	240	571295	20.00	ng	0.00
87) Perylene-d12	24.85	264	642289	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	635302	146.18	ng	0.00
7) Phenol-d6	7.19	99	857182	132.75	ng	0.00
23) Nitrobenzene-d5	9.18	82	662881	97.21	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	582032	153.27	ng	0.00
45) 2-Fluorobiphenyl	13.29	172	1568850	93.58	ng	0.00
79) Terphenyl-d14	20.02	244	2749249	104.89	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	3.49	88	84971	43.994	ng	# 38
3) Pyridine	3.89	79	209788	35.277	ng	99
4) n-Nitrosodimethylamine	3.80	42	92458	50.753	ng	99
6) Aniline	7.34	93	259050	30.856	ng	99
8) 2-Chlorophenol	7.59	128	272376	58.315	ng	98
9) Benzaldehyde	7.15	77	136858	36.686	ng	99
10) Phenol	7.21	94	315602	48.844	ng	97
11) bis(2-Chloroethyl)ether	7.43	93	261070	50.748	ng	92
12) 1,3-Dichlorobenzene	7.92	146	213191	38.735	ng	100
13) 1,4-Dichlorobenzene	8.06	146	219725	40.065	ng	98
14) 1,2-Dichlorobenzene	8.38	146	210777	40.173	ng	95
15) Benzyl Alcohol	8.26	79	293144	54.149	ng	93
16) 2,2'-oxybis(1-Chloropropan	8.56	45	237531	47.036	ng	96
17) 2-Methylphenol	8.47	107	250348	50.217	ng	95
18) Hexachloroethane	9.11	117	76368	37.041	ng	97
19) n-Nitroso-di-n-propylamine	8.83	70	238434	52.214	ng	100
20) 3+4-Methylphenols	8.79	107	350875	50.283	ng	97
22) Acetophenone	8.84	105	436976	51.932	ng	98
24) Nitrobenzene	9.22	77	346097	49.513	ng	98
25) Isophorone	9.75	82	699911	50.120	ng	98
26) 2-Nitrophenol	9.94	139	161074	53.497	ng	98
27) 2,4-Dimethylphenol	10.00	122	268388	56.178	ng	97
28) bis(2-Chloroethoxy)methane	10.23	93	386266	52.644	ng	97
29) 2,4-Dichlorophenol	10.48	162	310345	56.258	ng	98
30) 1,2,4-Trichlorobenzene	10.70	180	276116	44.208	ng	93
31) Naphthalene	10.88	128	805540	47.325	ng	98
32) Benzoic acid	10.14	122	161531	42.670	ng	98
33) 4-Chloroaniline	10.98	127	37233	4.690	ng	94
34) Hexachlorobutadiene	11.18	225	169923	39.681	ng	96
35) Caprolactam	11.75	113	96526m	43.965	ng	
36) 4-Chloro-3-methylphenol	12.11	107	373148	57.581	ng	100
37) 2-Methylnaphthalene	12.49	142	663189	50.197	ng	97
38) 1-Methylnaphthalene	12.70	142	649988	52.113	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.86	216	365754	46.213	ng	99

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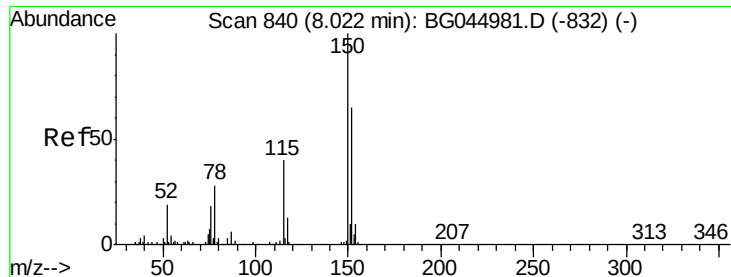
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.85	237	399505	80.761	nq	96
43) 2,4,6-Trichlorophenol	13.09	196	290304	51.972	nq	96
44) 2,4,5-Trichlorophenol	13.17	196	313265	49.270	nq	99
46) 1,1'-Biphenyl	13.49	154	886425	47.444	nq	99
47) 2-Chloronaphthalene	13.53	162	687641	48.167	nq	99
48) 2-Nitroaniline	13.73	65	245663	52.301	nq	98
49) Acenaphthylene	14.38	152	1158025	49.799	nq	98
50) Dimethylphthalate	14.11	163	1044910	52.205	nq	98
51) 2,6-Dinitrotoluene	14.23	165	241207	53.879	nq	98
52) Acenaphthene	14.73	154	885795m	56.300	nq	
53) 3-Nitroaniline	14.55	138	78431	15.973	nq	99
54) 2,4-Dinitrophenol	14.76	184	273219	102.634	nq	96
55) Dibenzofuran	15.06	168	1163339	50.716	nq	98
56) 4-Nitrophenol	14.87	139	347299	91.224	nq	98
57) 2,4-Dinitrotoluene	15.01	165	343843	52.556	nq	# 98
58) Fluorene	15.71	166	971247	51.838	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.28	232	317399	56.104	nq	99
60) Diethylphthalate	15.48	149	1076518	51.587	nq	99
61) 4-Chlorophenyl-phenylether	15.70	204	540772	50.144	nq	97
62) 4-Nitroaniline	15.72	138	245316	48.170	nq	99
63) Azobenzene	15.99	77	1014691	52.740	nq	98
65) 4,6-Dinitro-2-methylphenol	15.78	198	218331	54.137	nq	97
66) n-Nitrosodiphenylamine	15.91	169	902461	51.193	nq	99
67) 4-Bromophenyl-phenylether	16.59	248	389682	49.231	nq	98
68) Hexachlorobenzene	16.72	284	415002	50.554	nq	99
69) Atrazine	16.86	200	388539	62.261	nq	97
70) Pentachlorophenol	17.06	266	522623	103.778	nq	97
71) Phenanthrene	17.44	178	1624848	51.535	nq	98
72) Anthracene	17.54	178	1658380	52.436	nq	97
73) Carbazole	17.80	167	1556045	48.483	nq	99
74) Di-n-butylphthalate	18.37	149	1825234	53.373	nq	99
75) Fluoranthene	19.45	202	1995495	55.253	nq	98
77) Benzidine	19.62	184	505225	28.326	nq	98
78) Pyrene	19.81	202	1971922	50.067	nq	98
80) Butylbenzylphthalate	20.71	149	839619	51.429	nq	99
81) Benzo(a)anthracene	21.65	228	1909674	51.574	nq	99
82) 3,3'-Dichlorobenzidine	21.56	252	340831	23.126	nq	96
83) Chrysene	21.72	228	1838333	51.672	nq	97
84) Bis(2-ethylhexyl)phthalate	21.57	149	1162165	51.759	nq	99
85) Di-n-octyl phthalate	22.78	149	1984195	51.102	nq	99
86) Indeno(1,2,3-cd)pyrene	28.48	276	2539578	53.764	nq	99
88) Benzo(b)fluoranthene	23.85	252	2093412	52.033	nq	100
89) Benzo(k)fluoranthene	23.92	252	2009490	52.520	nq	99
90) Benzo(a)pyrene	24.71	252	1926042	50.704	nq	99
91) Dibenzo(a,h)anthracene	28.56	278	2049239	53.538	nq	97
92) Benzo(g,h,i)perylene	29.61	276	2069788	53.937	nq	100

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



#1

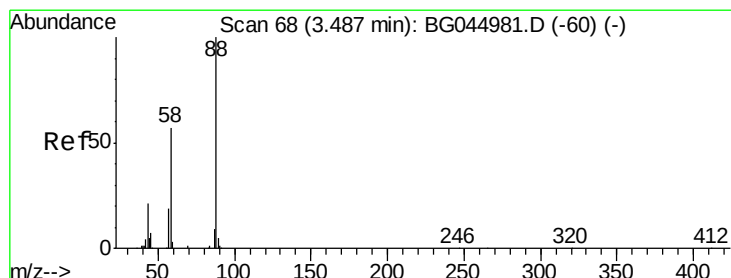
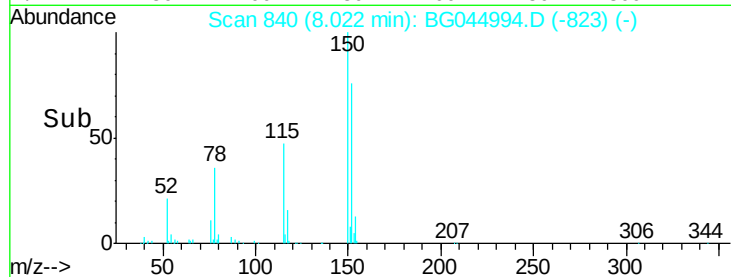
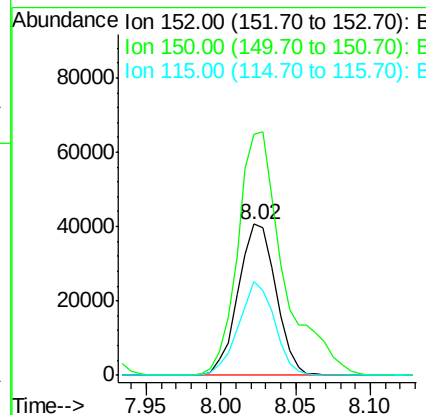
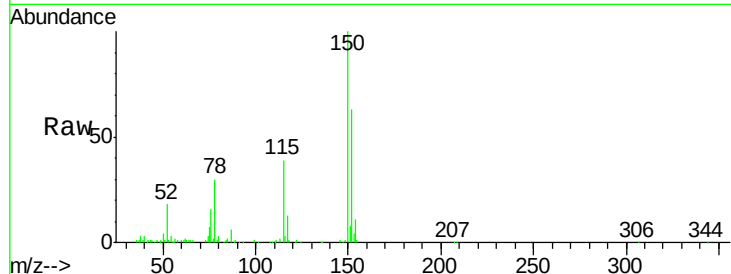
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 840
Delta R.T. 0.00 min
Lab File: BG044994.D
Acq: 15 Apr 2020 22:56

Instrument :
BNA_G
ClientSampleId :
TR-04-041420MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.7	123.6	185.4
115	62.1	49.1	73.7

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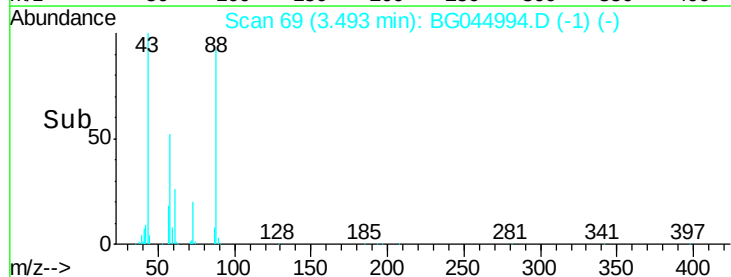
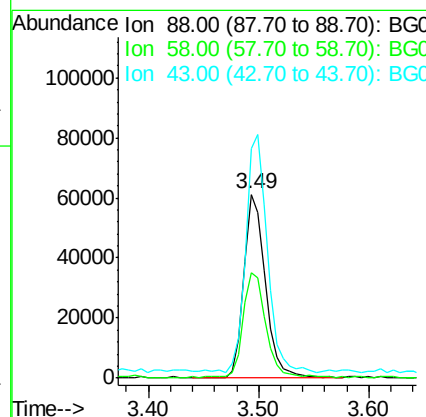
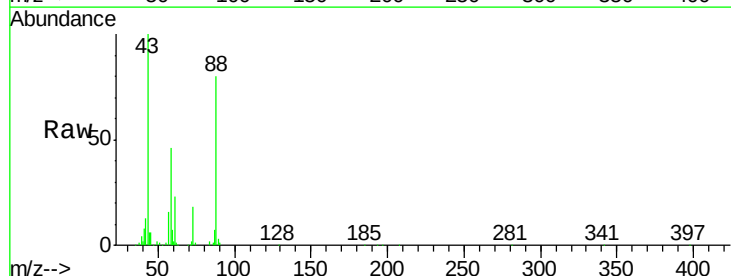
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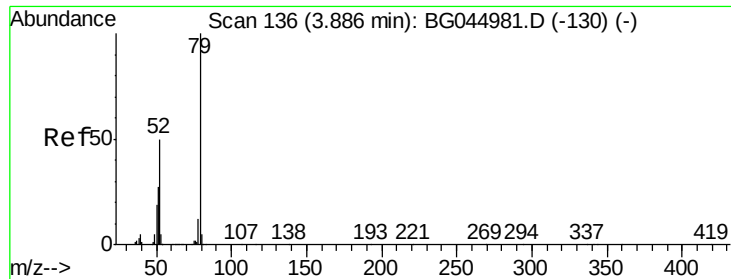


#2

1,4-Dioxane
Concen: 43.994 ng
RT: 3.49 min Scan# 69
Delta R.T. 0.01 min
Lab File: BG044994.D
Acq: 15 Apr 2020 22:56

Tgt Ion	Ratio	Lower	Upper
88	100		
58	60.2	46.6	69.8
43	127.0	17.5	26.3





#3

Pvridine

Concen: 35.277 ng

RT: 3.89 min Scan# 137

Delta R.T. 0.01 min

Lab File: BG044994.D

Acq: 15 Apr 2020 22:56

Instrument :

BNA_G

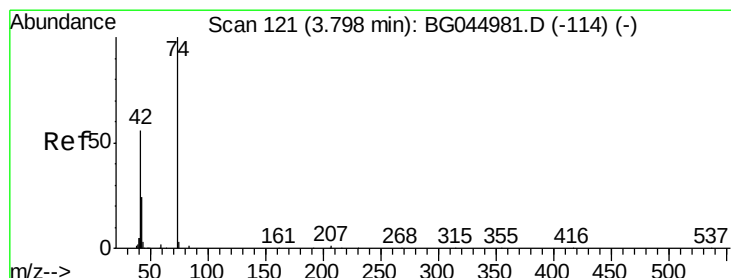
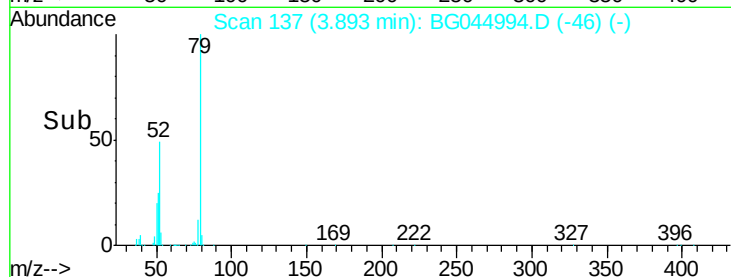
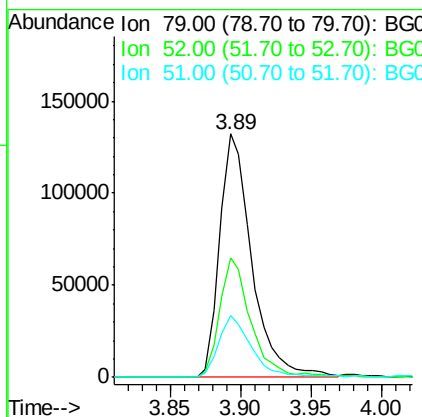
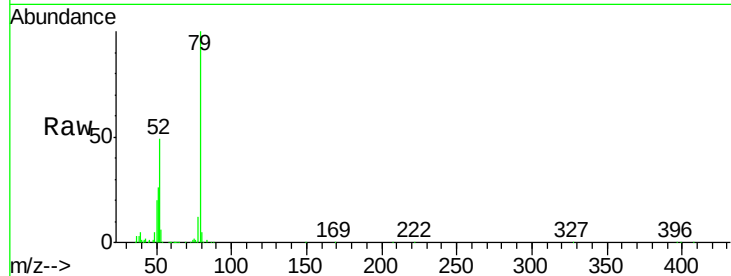
ClientSampleId :

TR-04-041420MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100		209788		
52	49.2	39.8	59.6		
51	25.5	21.4	32.2		

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#4

n-Nitrosodimethylamine

Concen: 50.753 ng

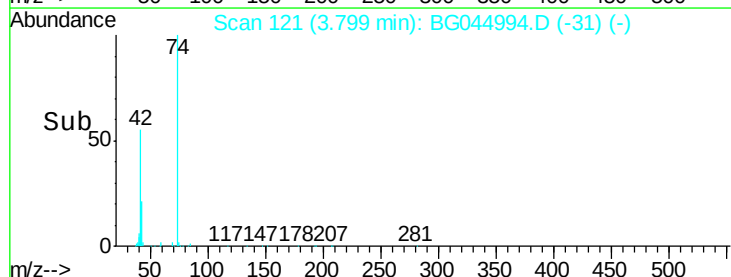
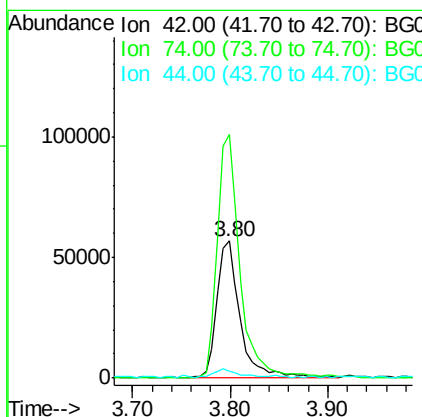
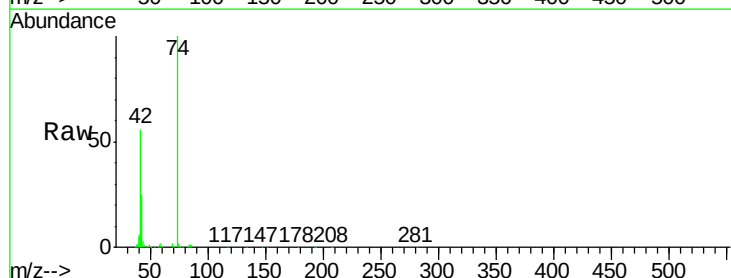
RT: 3.80 min Scan# 121

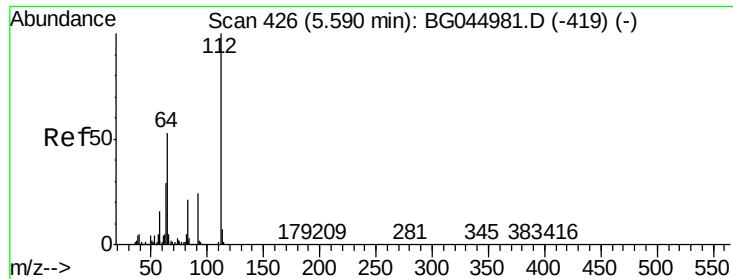
Delta R.T. 0.00 min

Lab File: BG044994.D

Acq: 15 Apr 2020 22:56

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	100		92458		
74	177.8	143.0	214.6		
44	5.3	4.6	6.8		





#5

2-Fluorophenol

Concen: 146.181 ng

RT: 5.60 min Scan# 427

Delta R.T. 0.01 min

Lab File: BG044994.D

Acq: 15 Apr 2020 22:56

Instrument :

BNA_G

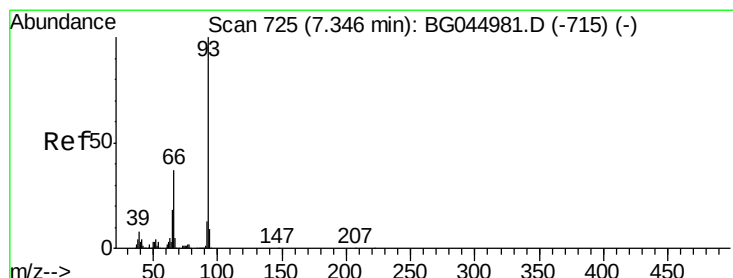
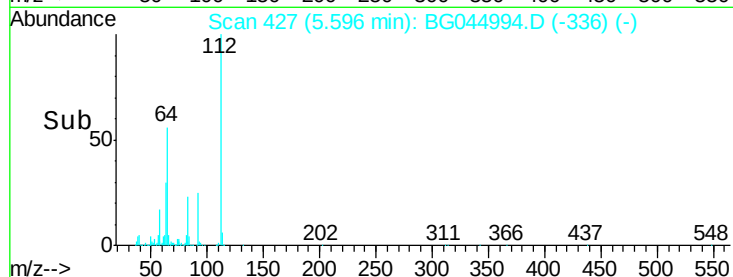
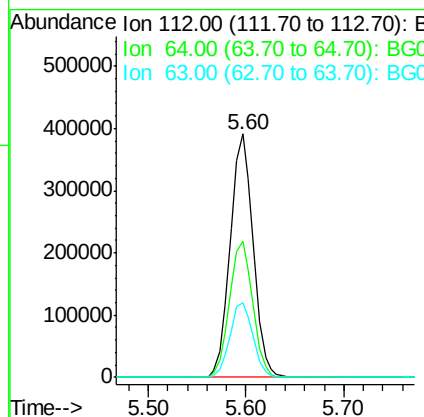
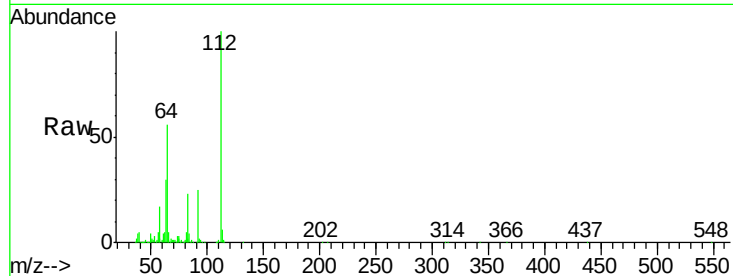
ClientSampleId :

TR-04-041420MSD

Tot Ion:	112	Resp:	635302
Ion Ratio	Lower	Upper	
112	100		
64	55.9	42.4	63.6
63	30.5	23.1	34.7

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#6

Aniline

Concen: 30.856 ng

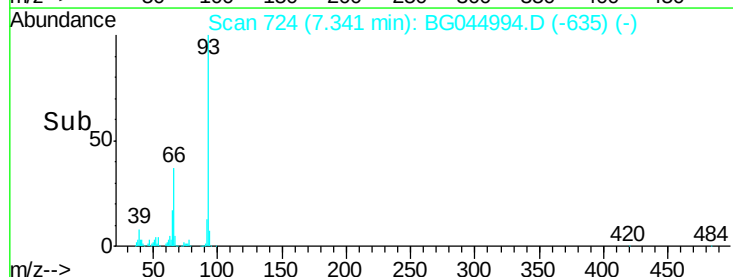
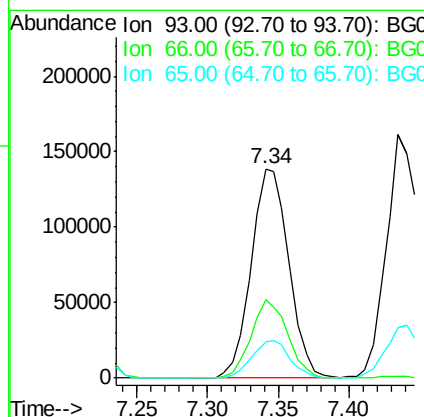
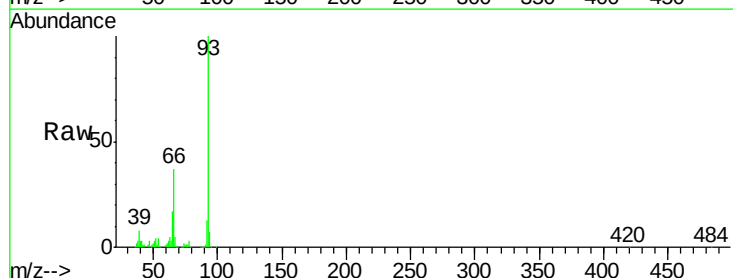
RT: 7.34 min Scan# 724

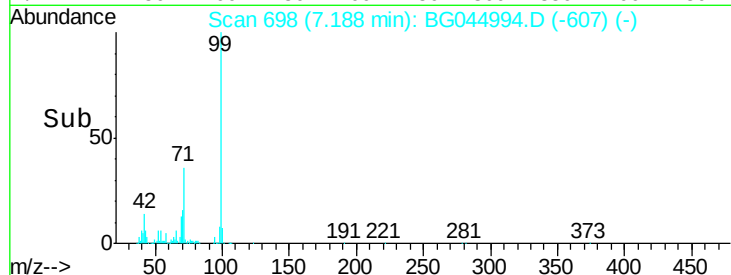
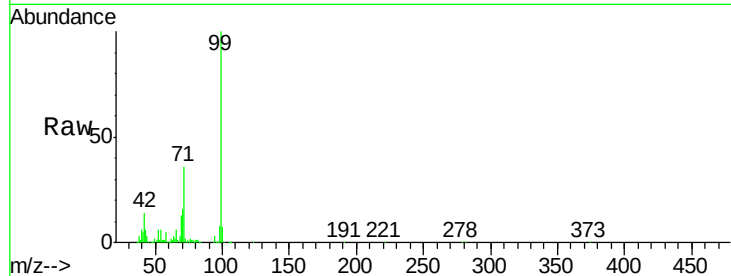
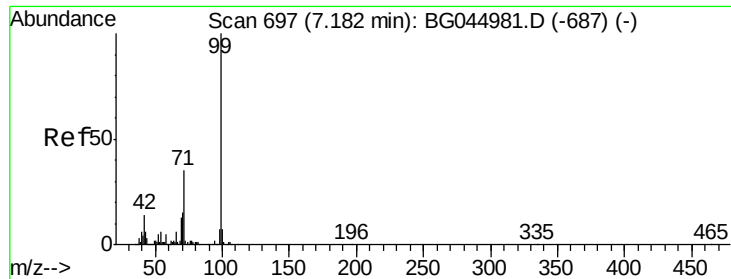
Delta R.T. -0.01 min

Lab File: BG044994.D

Acq: 15 Apr 2020 22:56

Tgt Ion:	93	Resp:	259050
Ion Ratio	Lower	Upper	
93	100		
66	37.2	29.8	44.8
65	17.0	14.6	22.0





#7

Phenol-d6

Concen: 132.751 ng

RT: 7.19 min Scan# 698

Delta R.T. 0.01 min

Lab File: BG044994.D

Acq: 15 Apr 2020 22:56

Tot Ion:	99	Resp:	857182
Ion Ratio	Lower	Upper	
99	100		
42	13.9	11.3	16.9
71	35.7	28.3	42.5

Instrument :

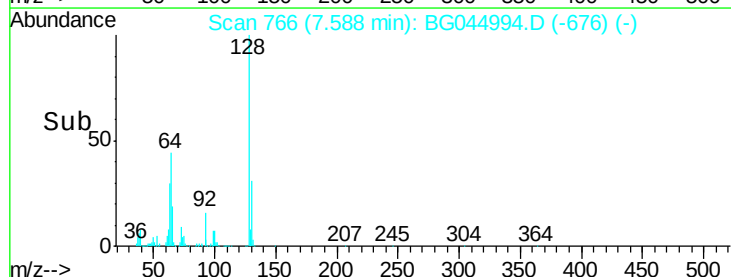
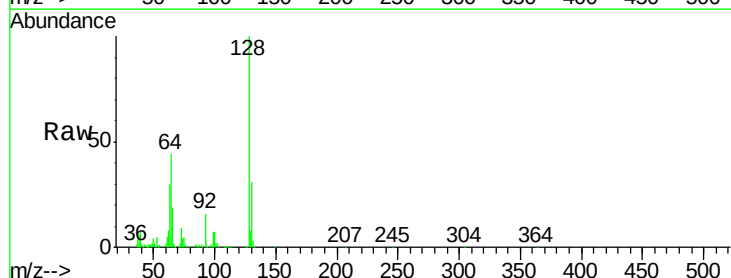
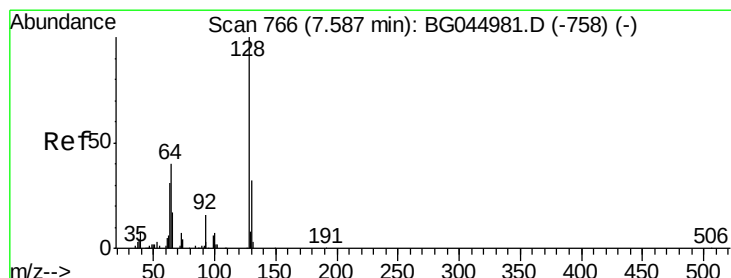
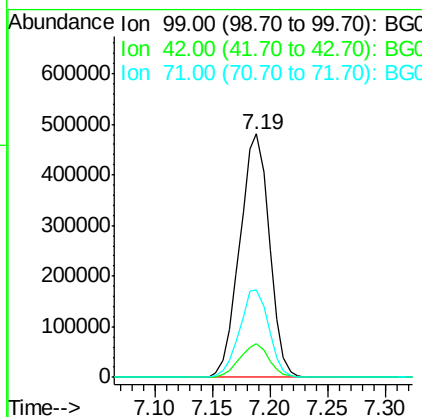
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#8

2-Chlorophenol

Concen: 58.315 ng

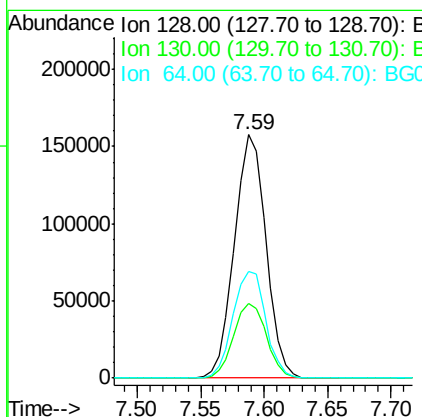
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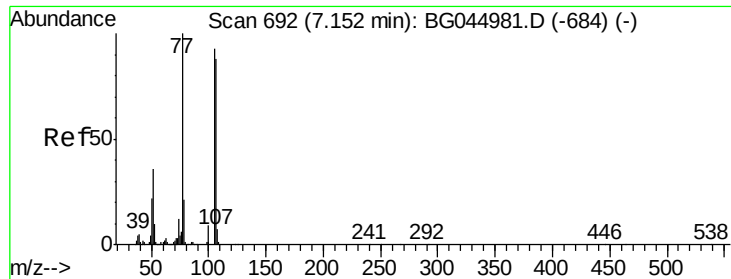
Delta R.T. 0.00 min

Lab File: BG044994.D

Acq: 15 Apr 2020 22:56

Tgt Ion:	128	Resp:	272376
Ion Ratio	Lower	Upper	
128	100		
130	30.5	12.3	52.3
64	43.6	24.4	64.4





#9

Benzaldehyde

Concen: 36.686 ng

RT: 7.15 min Scan# 692

Delta R.T. 0.00 min

Lab File: BG044994.D

Acq: 15 Apr 2020 22:56

Instrument :

BNA_G

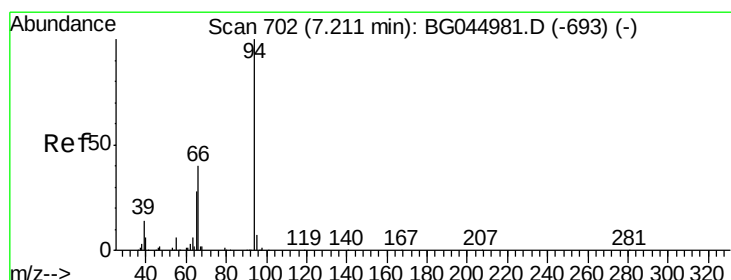
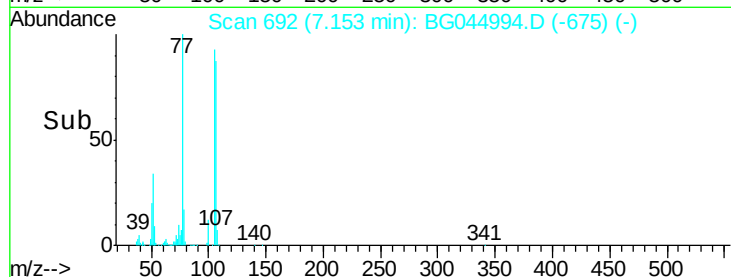
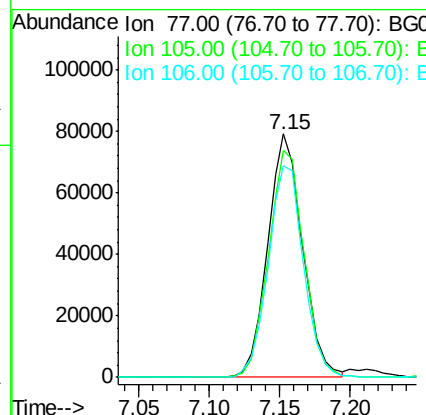
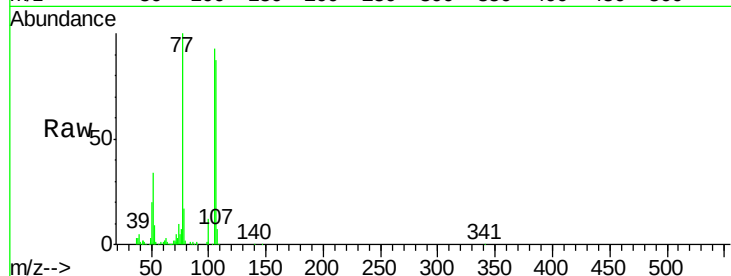
ClientSampleId :

TR-04-041420MSD

Tot Ion:	77	Resp:	136858
Ion Ratio	Lower	Upper	
77	100		
105	93.3	72.9	112.9
106	86.9	67.6	107.6

Manual Integrations
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#10

Phenol

Concen: 48.844 ng

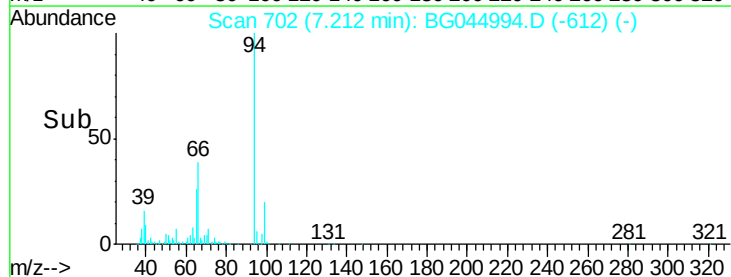
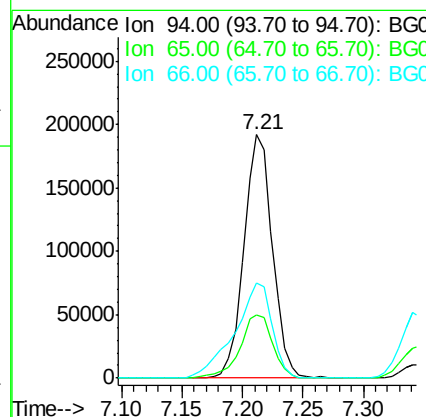
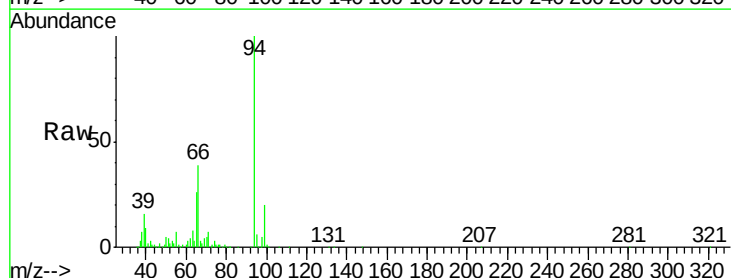
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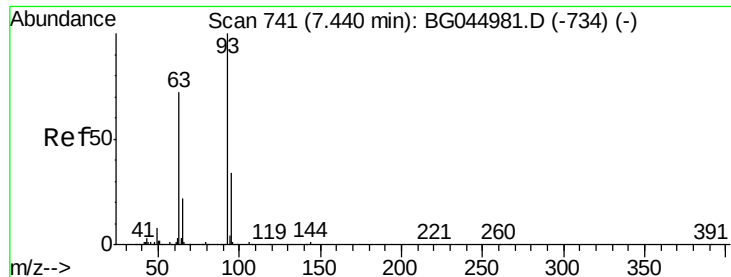
Delta R.T. 0.00 min

Lab File: BG044994.D

Acq: 15 Apr 2020 22:56

Tgt Ion:	94	Resp:	315602
Ion Ratio	Lower	Upper	
94	100		
65	26.1	8.2	48.2
66	39.3	20.4	60.4





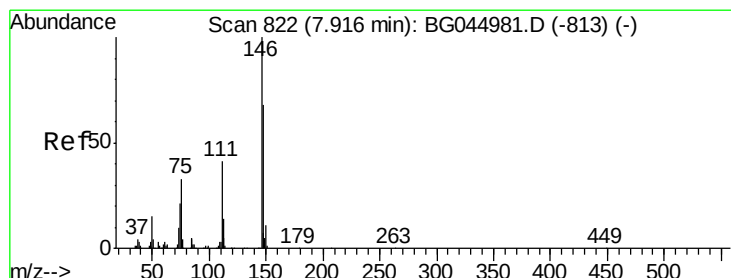
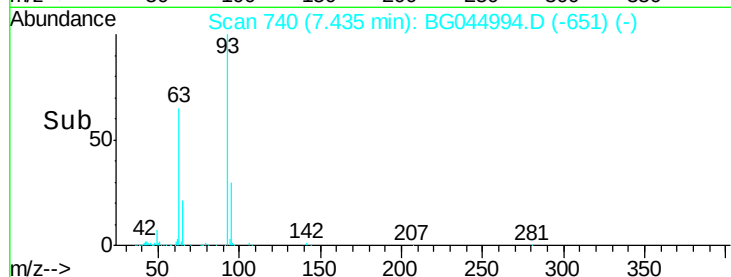
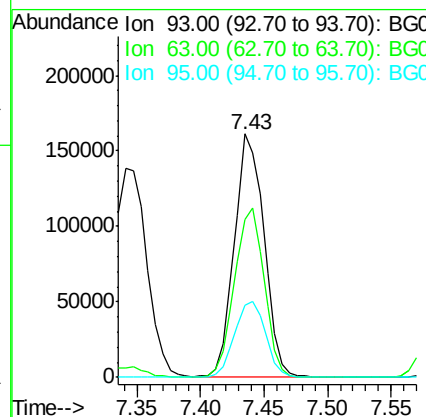
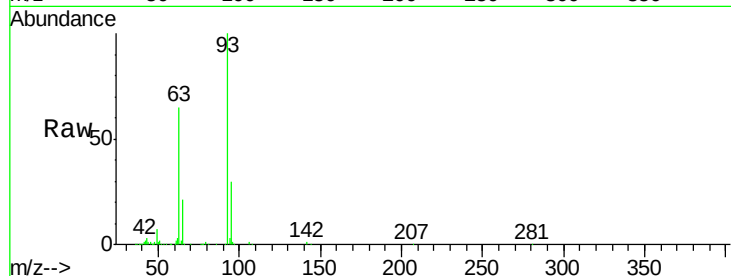
#11
bis(2-Chloroethyl)ether
Concen: 50.748 ng
RT: 7.43 min Scan# 740
Delta R.T. -0.01 min
Lab File: BG044994.D
Acq: 15 Apr 2020 22:56

Instrument :
BNA_G
ClientSampleId :
TR-04-041420MSD

Tot Ion	93	Resp	261070
Ion Ratio	Lower	Upper	
93	100		
63	64.8	51.8	91.8
95	29.8	13.8	53.8

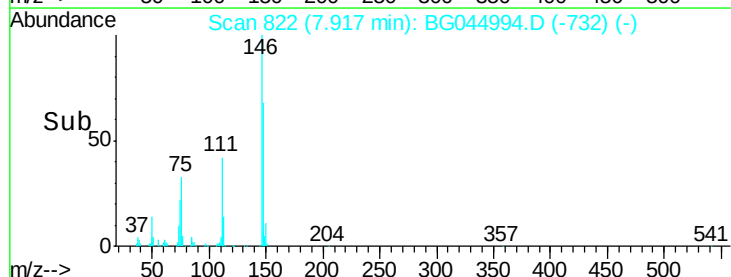
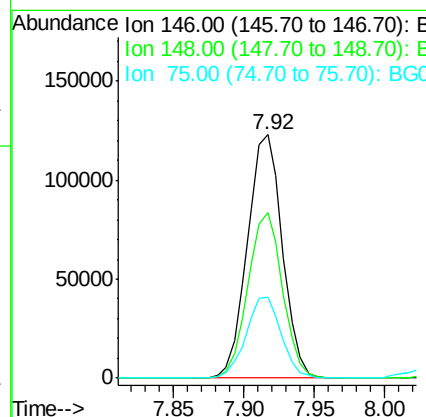
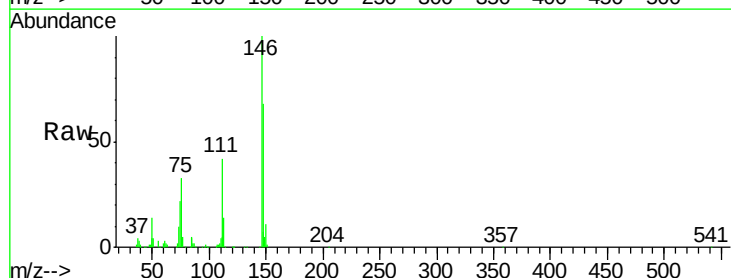
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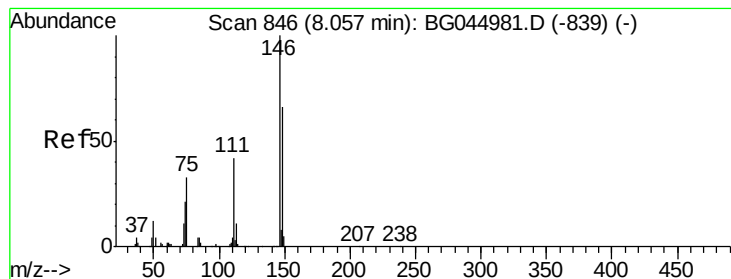
mohammad
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#12
1,3-Dichlorobenzene
Concen: 38.735 ng
RT: 7.92 min Scan# 822
Delta R.T. 0.00 min
Lab File: BG044994.D
Acq: 15 Apr 2020 22:56

Tgt Ion	146	Resp	213191
Ion Ratio	Lower	Upper	
146	100		
148	68.1	54.6	81.8
75	33.1	26.0	39.0





#13

1,4-Dichlorobenzene

Concen: 40.065 ng

RT: 8.06 min Scan# 846

Delta R.T. 0.00 min

Lab File: BG044994.D

Acq: 15 Apr 2020 22:56

Instrument :

BNA_G

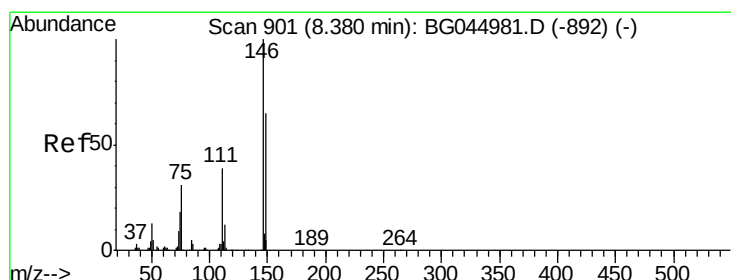
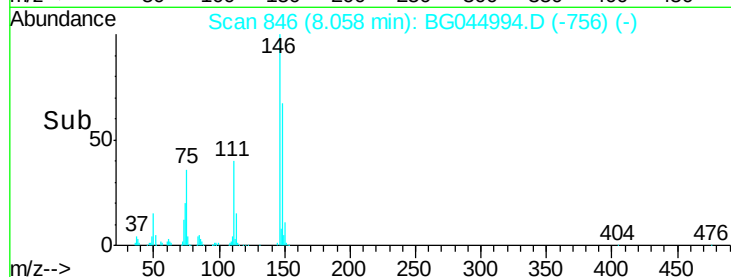
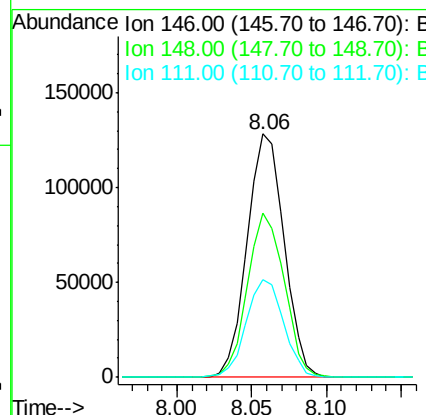
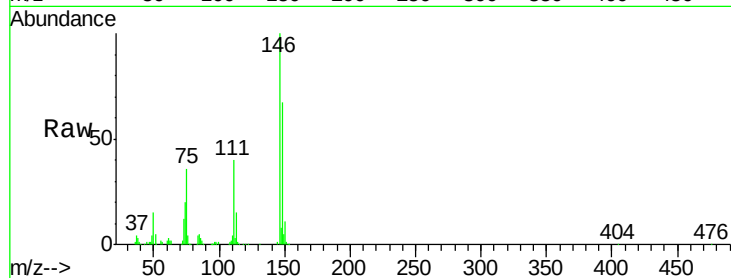
ClientSampleId :

TR-04-041420MSD

Tot Ion:	146	Resp:	219725
Ion Ratio	Lower	Upper	
146	100		
148	67.2	53.3	79.9
111	40.2	33.8	50.8

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#14

1,2-Dichlorobenzene

Concen: 40.173 ng

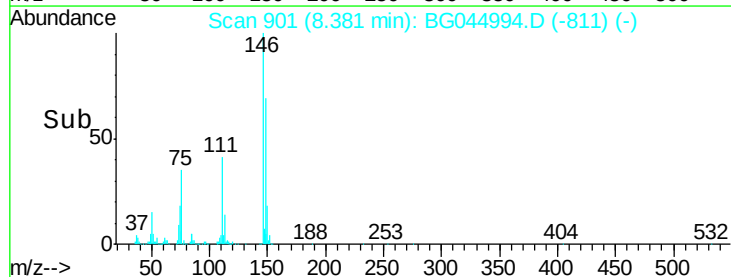
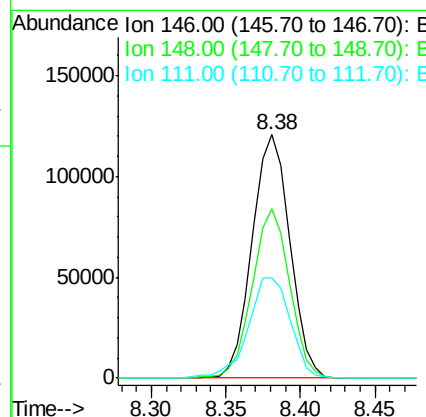
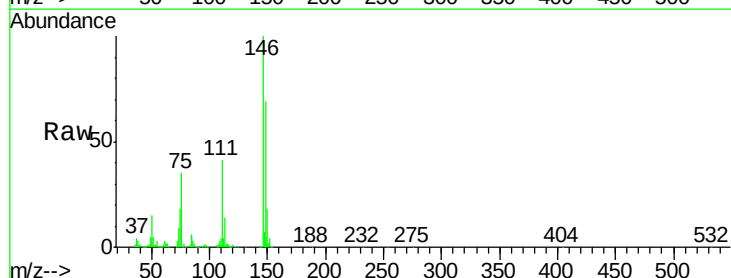
RT: 8.38 min Scan# 901

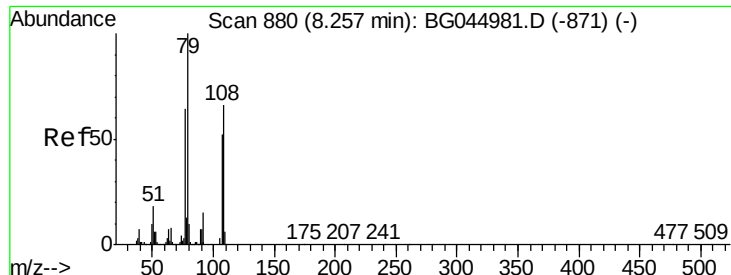
Delta R.T. 0.00 min

Lab File: BG044994.D

Acq: 15 Apr 2020 22:56

Tgt Ion:	146	Resp:	210777
Ion Ratio	Lower	Upper	
146	100		
148	69.4	51.9	77.9
111	41.2	31.3	46.9





#15

Benzyl Alcohol

Concen: 54.149 ng

RT: 8.26 min Scan# 880

Delta R.T. 0.00 min

Lab File: BG044994.D

Acq: 15 Apr 2020 22:56

Instrument :

BNA_G

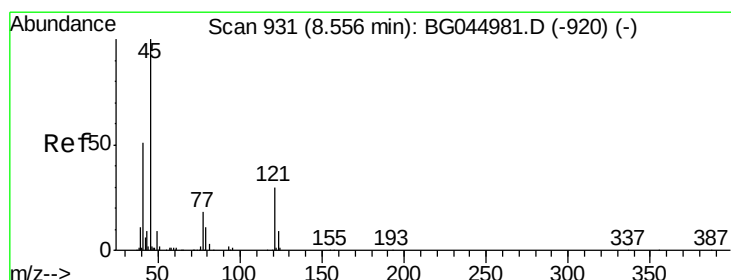
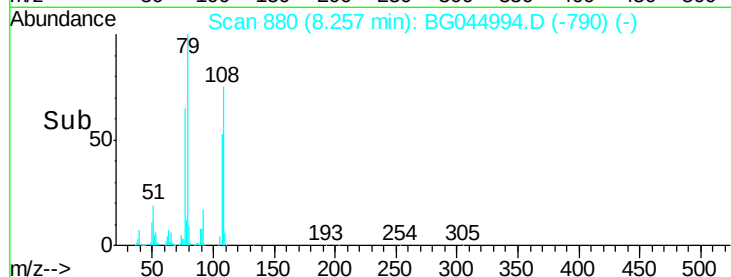
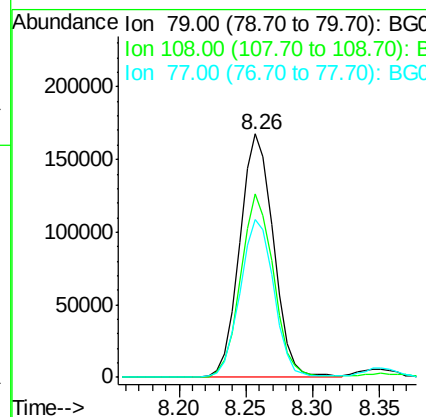
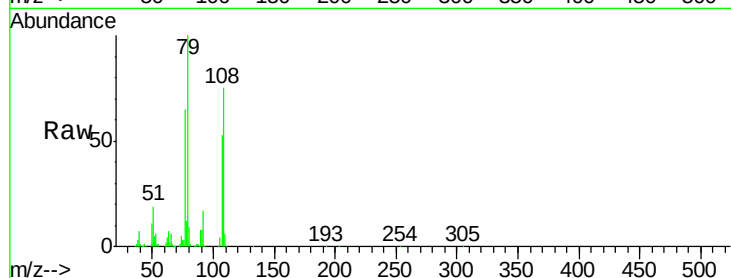
ClientSampleId :

TR-04-041420MSD

Tot Ion:	79	Resp:	293144
Ion Ratio	Lower	Upper	
79	100		
108	75.4	52.7	79.1
77	64.9	51.3	76.9

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#16

2,2'-oxybis(1-chloropropane)

Concen: 47.036 ng

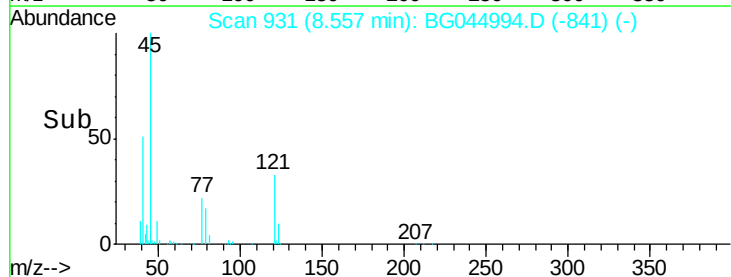
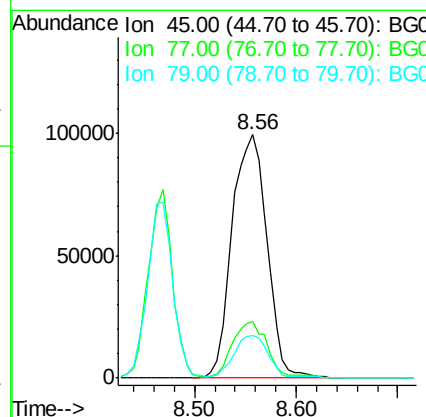
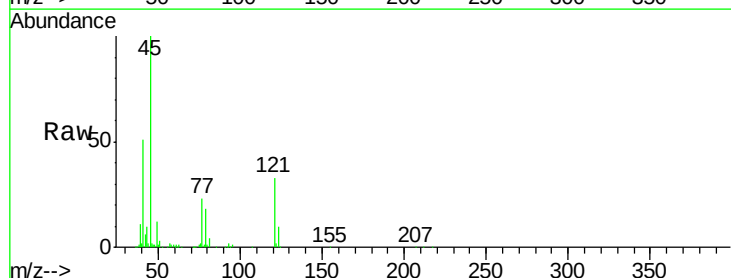
RT: 8.56 min Scan# 931

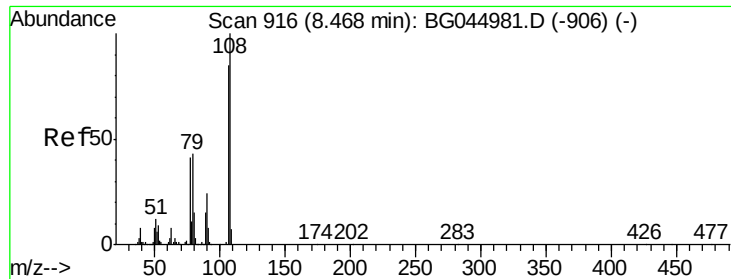
Delta R.T. 0.00 min

Lab File: BG044994.D

Acq: 15 Apr 2020 22:56

Tgt Ion:	45	Resp:	237531
Ion Ratio	Lower	Upper	
45	100		
77	23.2	1.9	41.9
79	17.7	0.0	35.5





#17

2-Methylphenol

Concen: 50.217 ng

RT: 8.47 min Scan# 916

Delta R.T. 0.00 min

Lab File: BG044994.D

Acq: 15 Apr 2020 22:56

Instrument :

BNA_G

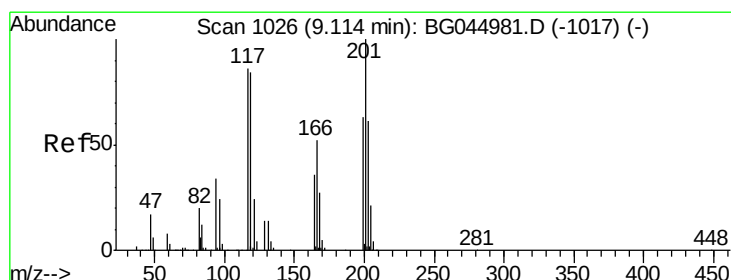
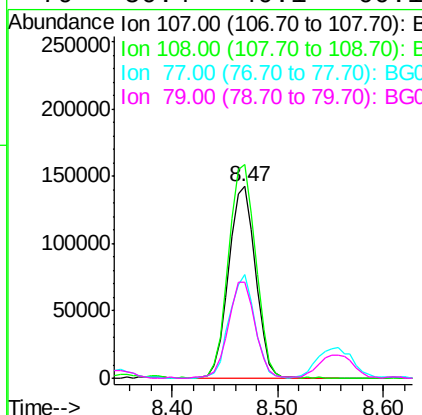
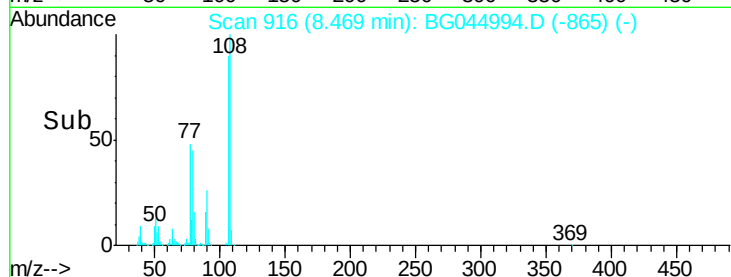
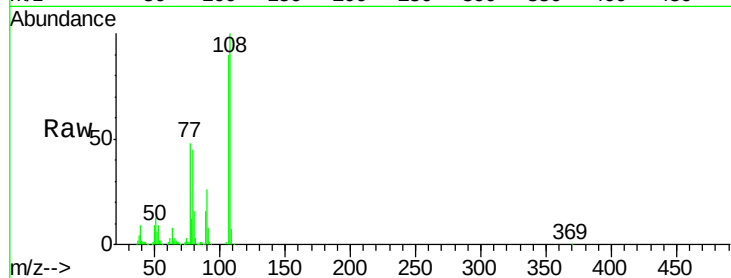
ClientSampleId :

TR-04-041420MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100	250348		
108	111.4	93.8	140.6	
77	54.0	38.5	57.7	
79	50.4	40.1	60.1	

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#18

Hexachloroethane

Concen: 37.041 ng

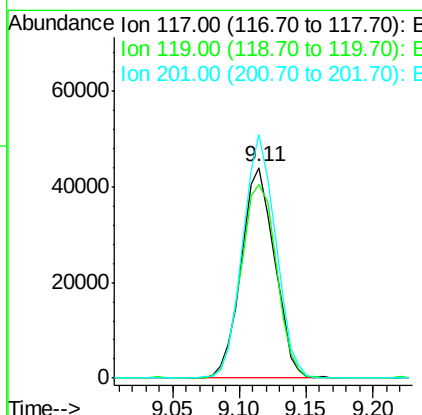
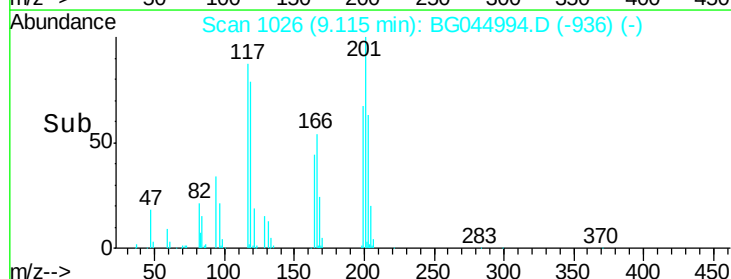
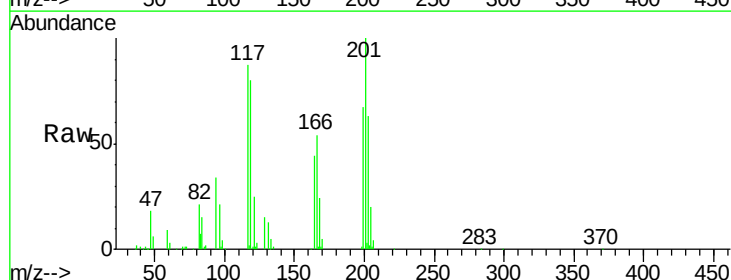
RT: 9.11 min Scan# 1026

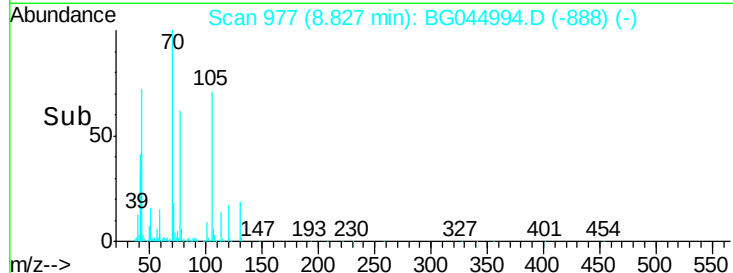
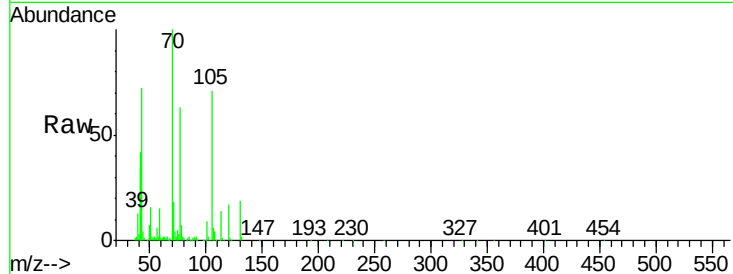
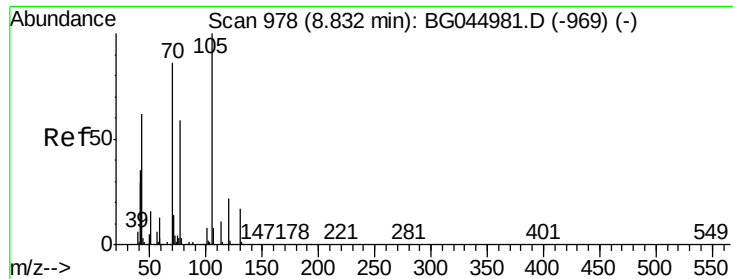
Delta R.T. 0.00 min

Lab File: BG044994.D

Acq: 15 Apr 2020 22:56

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	76368		
119	92.1	78.3	117.5	
201	115.6	92.9	139.3	





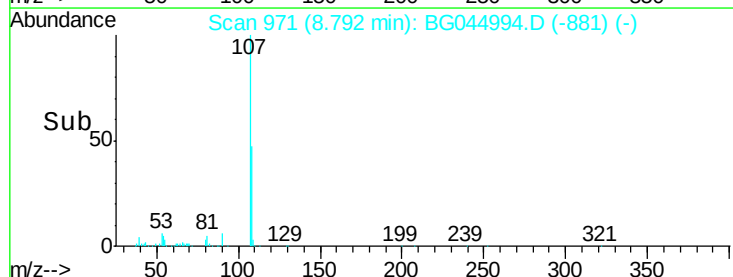
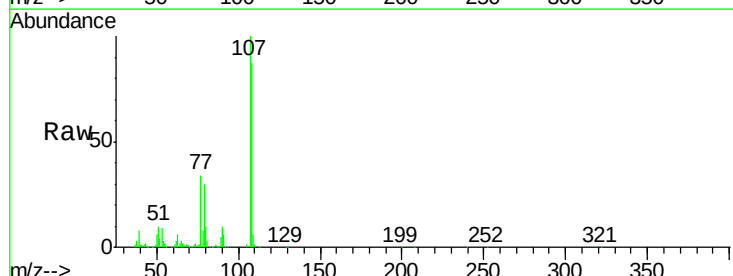
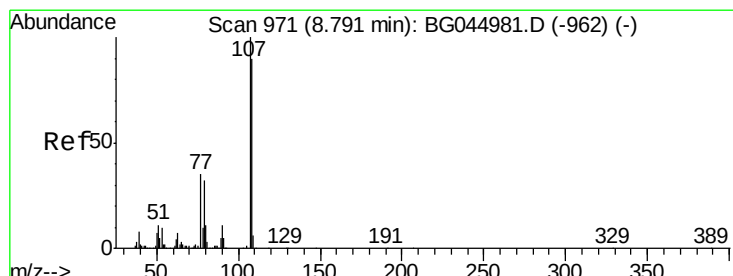
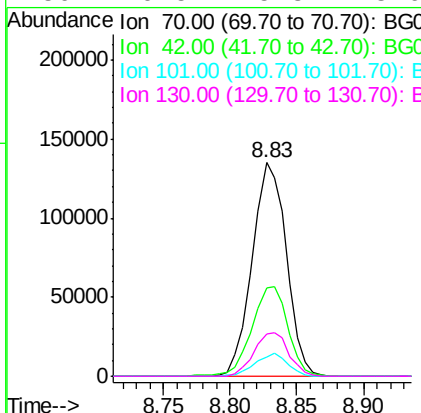
#19
n-Nitroso-di-n-propylamine
Concen: 52.214 ng
RT: 8.83 min Scan# 977
Delta R.T. -0.01 min
Lab File: BG044994.D
Acq: 15 Apr 2020 22:56

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		238434		
42	41.5	33.3	49.9		
101	9.1	7.8	11.8		
130	19.5	15.8	23.6		

Instrument :
BNA_G
ClientSampleId :
TR-04-041420MSD

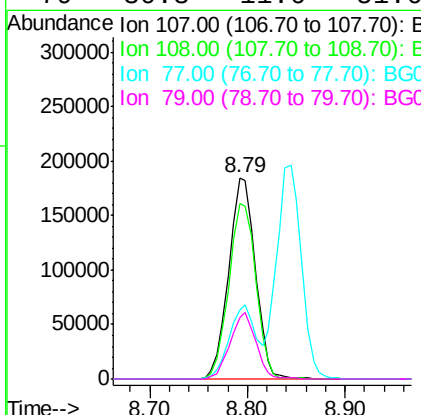
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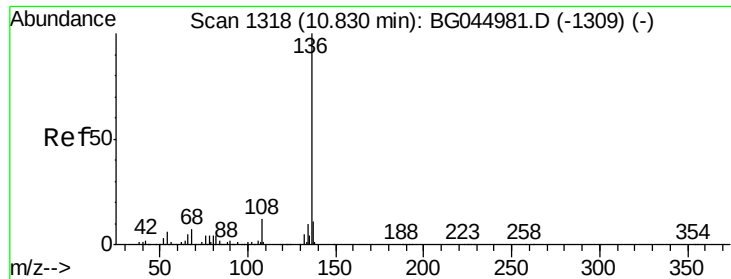
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#20
3+4-Methylphenols
Concen: 50.283 ng
RT: 8.79 min Scan# 971
Delta R.T. 0.00 min
Lab File: BG044994.D
Acq: 15 Apr 2020 22:56

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		350875		
108	86.7	69.9	109.9		
77	34.2	15.2	55.2		
79	30.3	11.6	51.6		





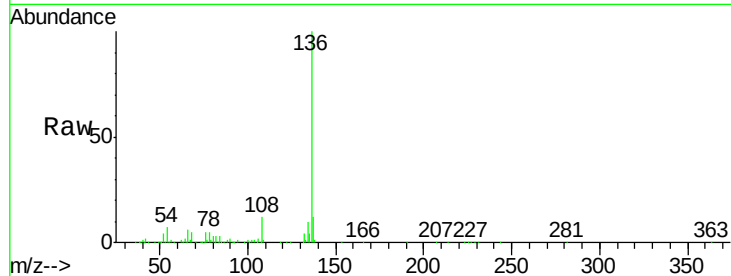
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1318
Delta R.T. 0.00 min
Lab File: BG044994.D
Acq: 15 Apr 2020 22:56

Instrument :
BNA_G
ClientSampleId :
TR-04-041420MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		311153		
137	11.6		8.6	13.0	
54	6.5		4.8	7.2	
68	5.2		5.2	7.8	

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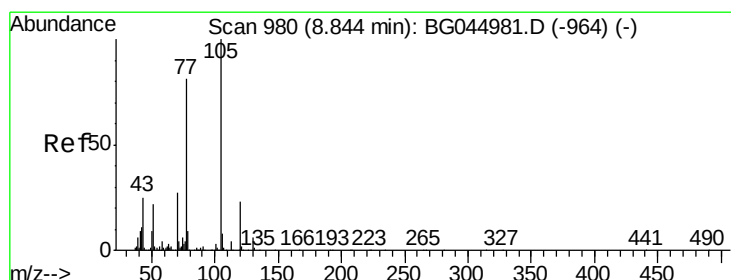
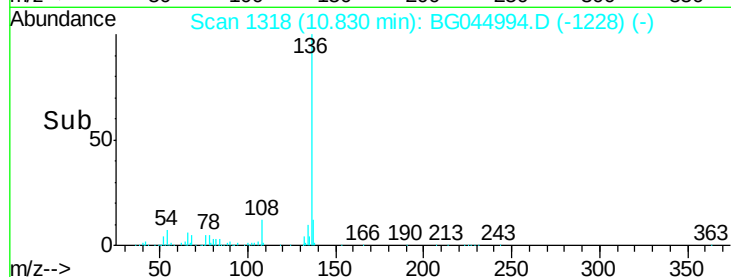
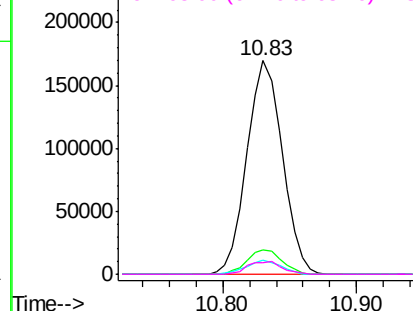
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 51.932 ng
RT: 8.84 min Scan# 980
Delta R.T. 0.00 min
Lab File: BG044994.D
Acq: 15 Apr 2020 22:56

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		436976		
71	3.8		3.3	4.9	
51	20.7		17.3	25.9	
120	22.2		18.4	27.6	

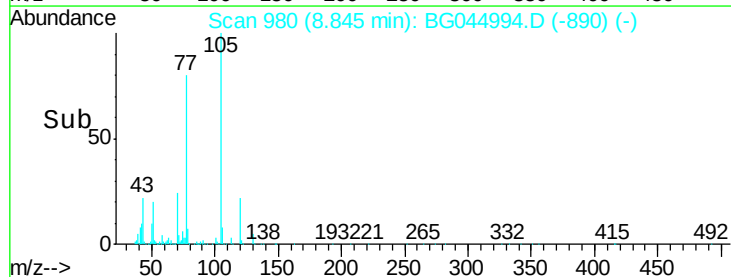
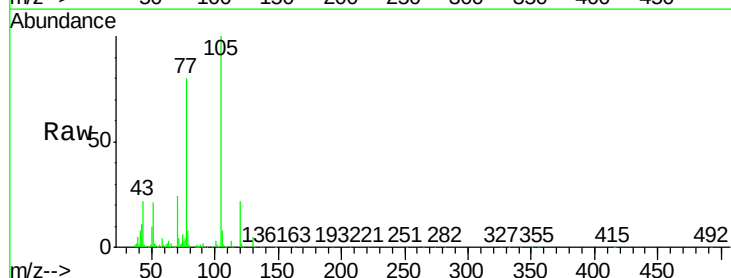
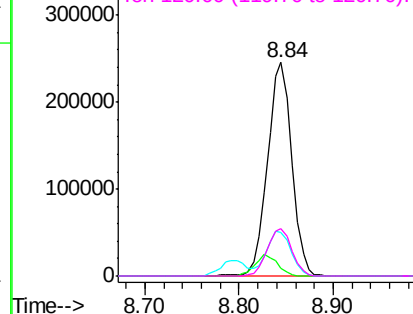
Abundance

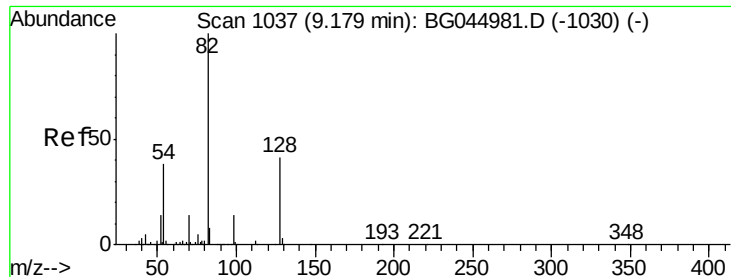
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E





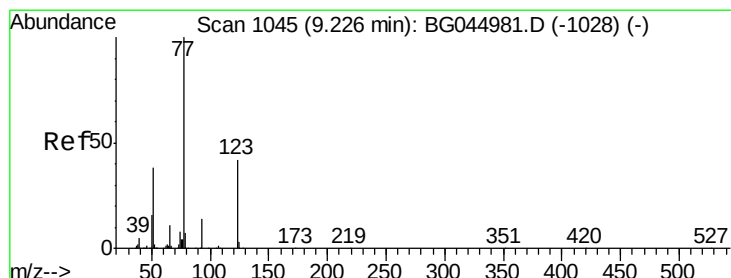
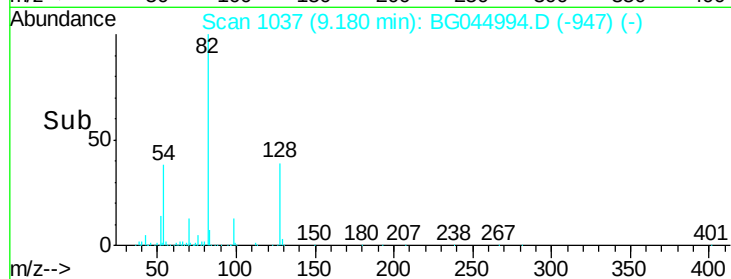
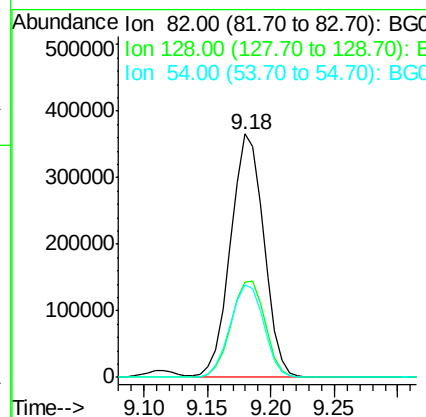
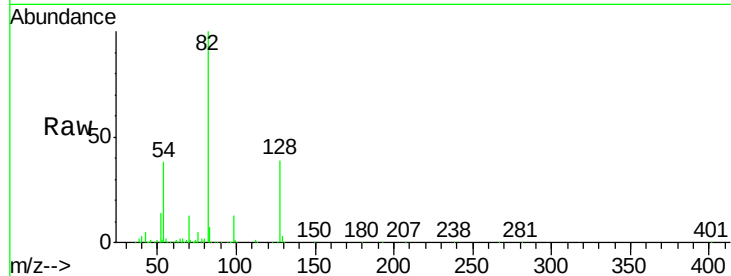
#23
Nitrobenzene-d5
Concen: 97.208 ng
RT: 9.18 min Scan# 1037
Delta R.T. 0.00 min
Lab File: BG044994.D
Acq: 15 Apr 2020 22:56

Instrument :
BNA_G
ClientSampleId :
TR-04-041420MSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100	662881		
128	39.3		33.0	49.4
54	37.9		30.4	45.6

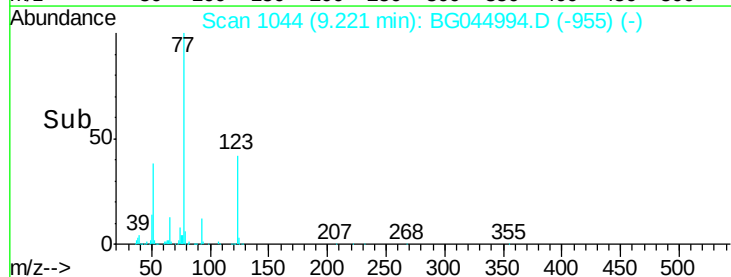
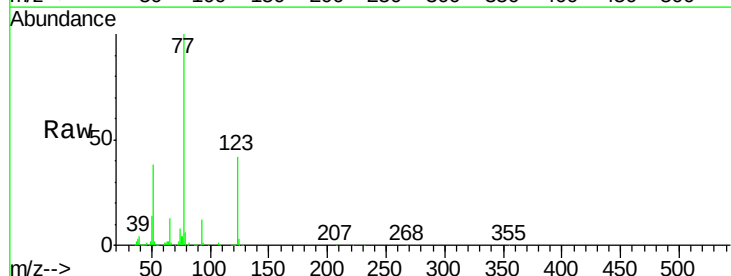
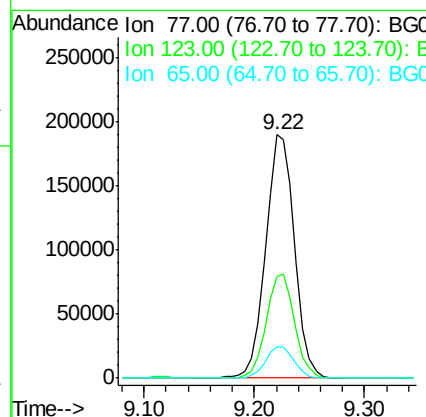
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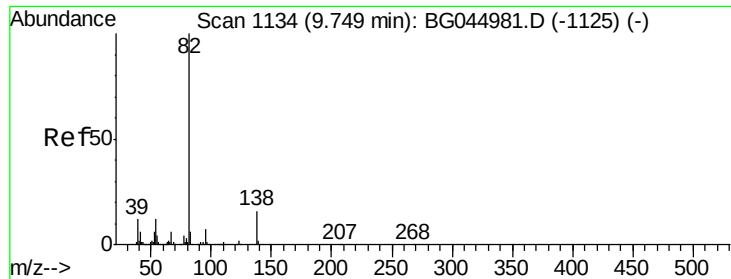
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#24
Nitrobenzene
Concen: 49.513 ng
RT: 9.22 min Scan# 1044
Delta R.T. -0.01 min
Lab File: BG044994.D
Acq: 15 Apr 2020 22:56

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	346097		
123	41.9		34.3	51.5
65	12.7		8.9	13.3





#25

Isophorone

Concen: 50.120 ng

RT: 9.75 min Scan# 1134

Delta R.T. 0.00 min

Lab File: BG044994.D

Acq: 15 Apr 2020 22:56

Instrument :

BNA_G

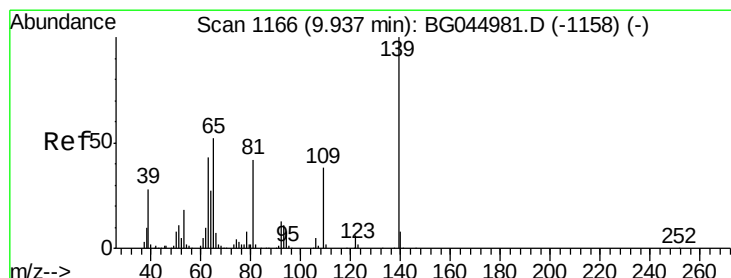
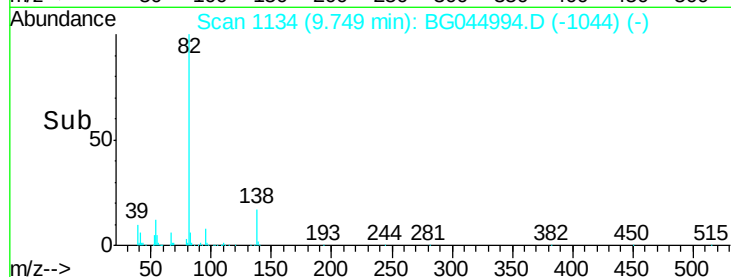
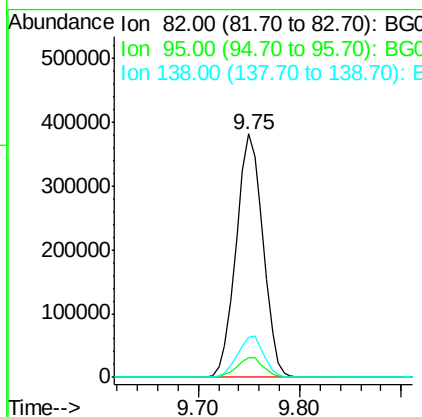
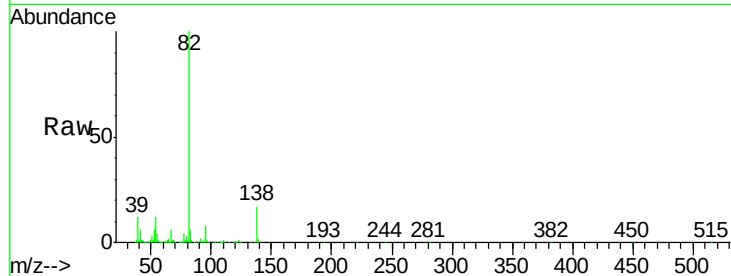
ClientSampleId :

TR-04-041420MSD

Tot Ion:	82	Resp:	699911
Ion Ratio	Lower	Upper	
82	100		
95	8.0	6.0	9.0
138	16.7	12.7	19.1

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#26

2-Nitrophenol

Concen: 53.497 ng

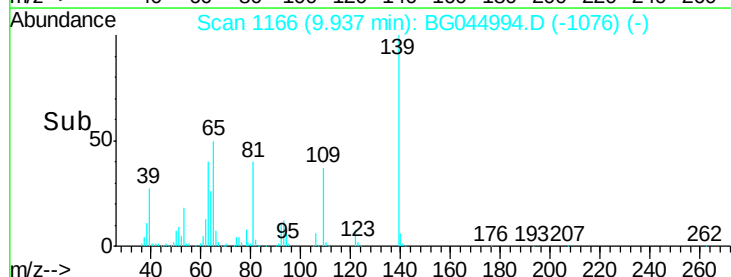
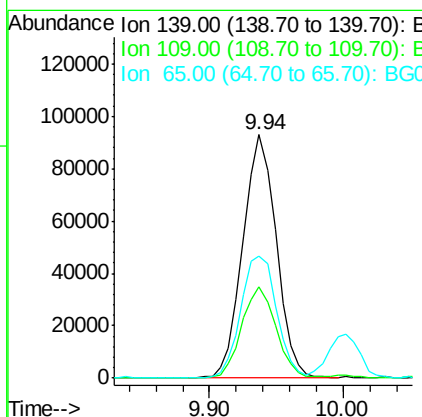
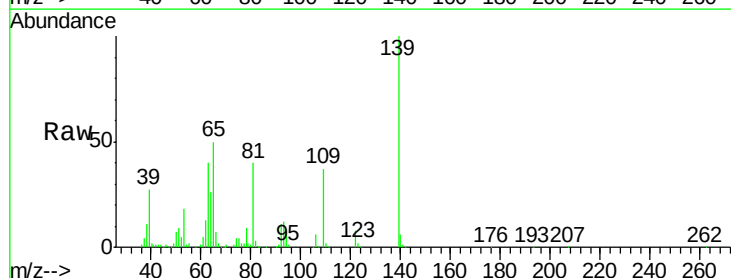
RT: 9.94 min Scan# 1166

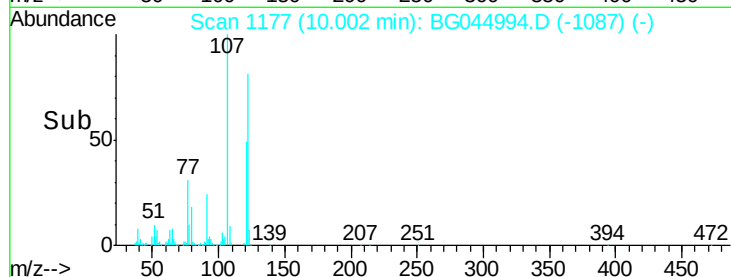
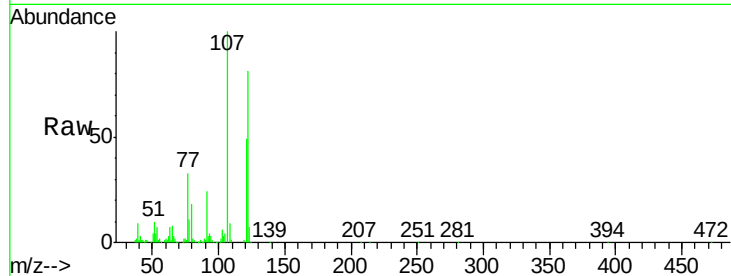
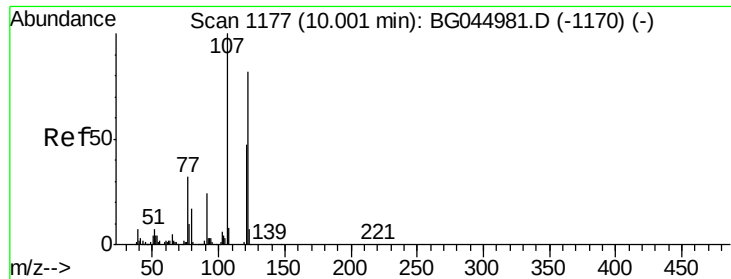
Delta R.T. 0.00 min

Lab File: BG044994.D

Acq: 15 Apr 2020 22:56

Tgt Ion:	139	Resp:	161074
Ion Ratio	Lower	Upper	
139	100		
109	37.4	30.6	45.8
65	50.3	41.8	62.6





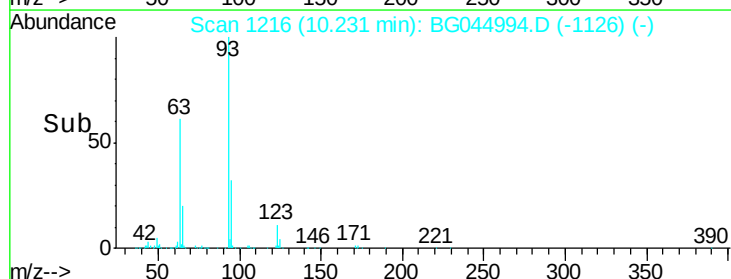
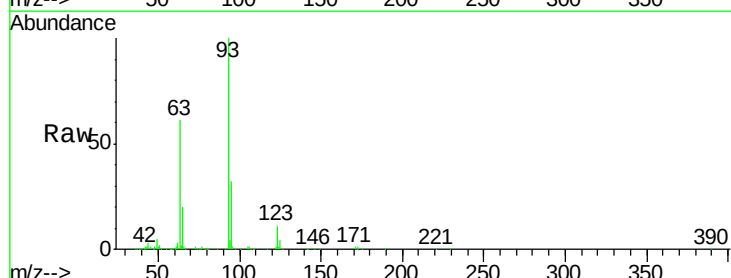
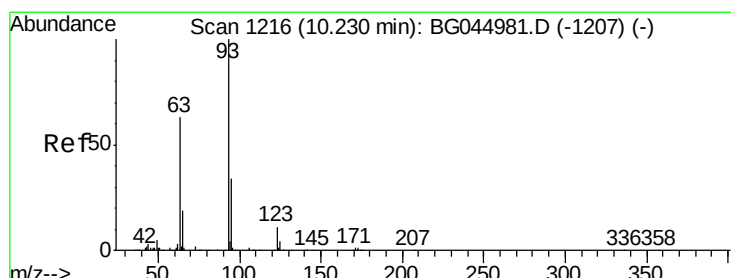
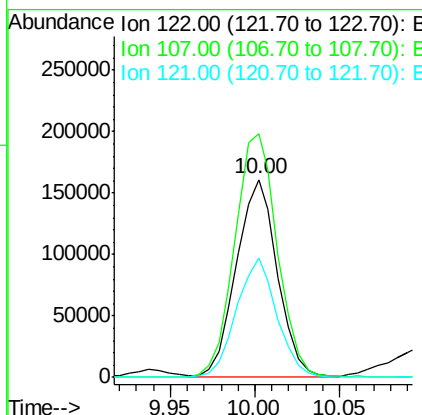
#27
2,4-Dimethylphenol
Concen: 56.178 ng
RT: 10.00 min Scan# 1177
Delta R.T. 0.00 min
Lab File: BG044994.D
Acq: 15 Apr 2020 22:56

Tot Ion	Ratio	Resp	Lower	Upper
122	100	268388		
107	123.0	96.8	145.2	
121	60.2	45.6	68.4	

Instrument :
BNA_G
ClientSampleId :
TR-04-041420MSD

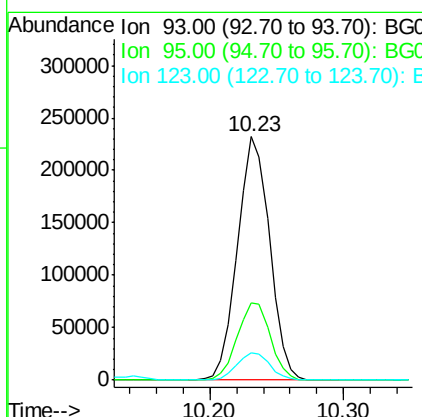
Manual Integrations
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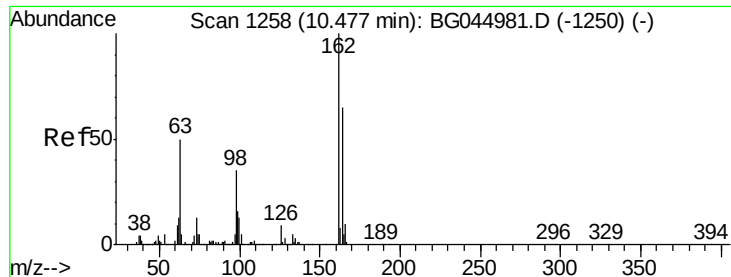
mohammad
4/16/2020 12:55:02 PM



#28
bis(2-Chloroethoxy)methane
Concen: 52.644 ng
RT: 10.23 min Scan# 1216
Delta R.T. 0.00 min
Lab File: BG044994.D
Acq: 15 Apr 2020 22:56

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	386266		
95	31.9	27.0	40.4	
123	11.4	8.7	13.1	





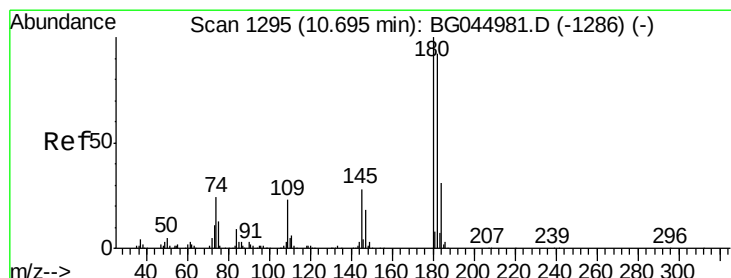
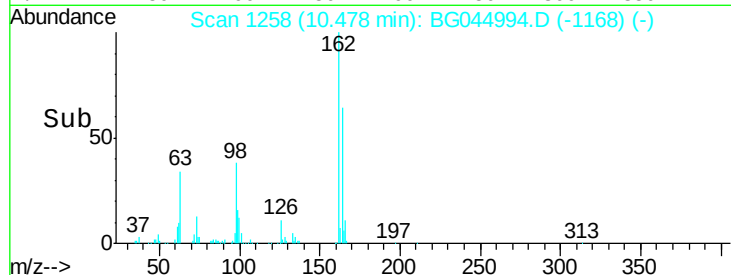
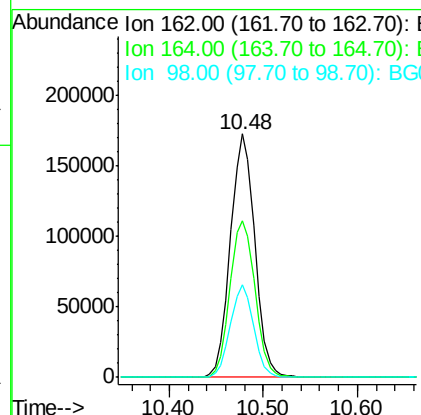
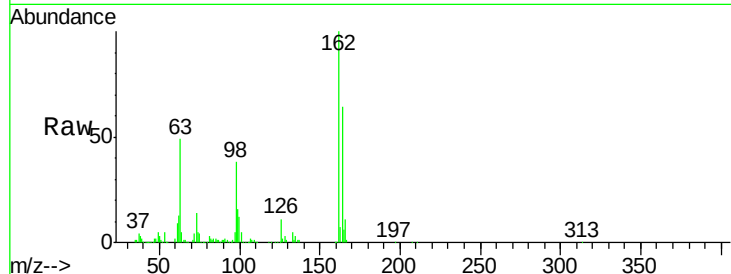
#29
 2,4-Dichlorophenol
 Concen: 56.258 ng
 RT: 10.48 min Scan# 1258
 Delta R.T. 0.00 min
 Lab File: BG044994.D
 Acq: 15 Apr 2020 22:56

Instrument :
 BNA_G
 ClientSampleId :
 TR-04-041420MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	310345		
164	64.2	45.0	85.0	
98	38.1	15.2	55.2	

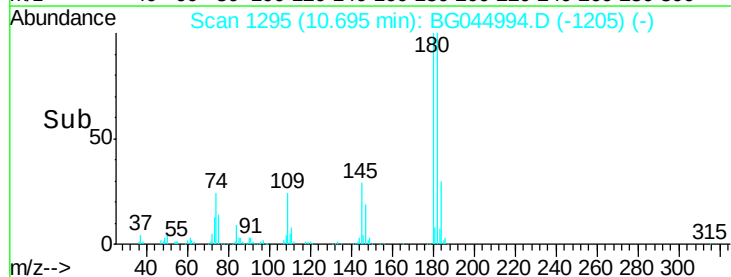
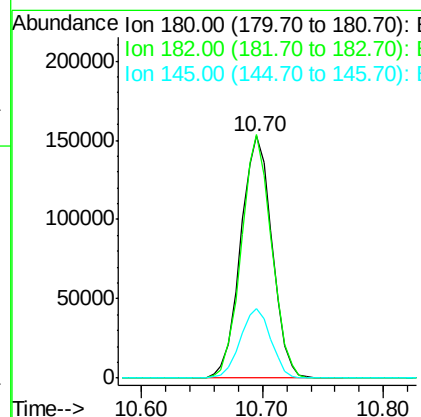
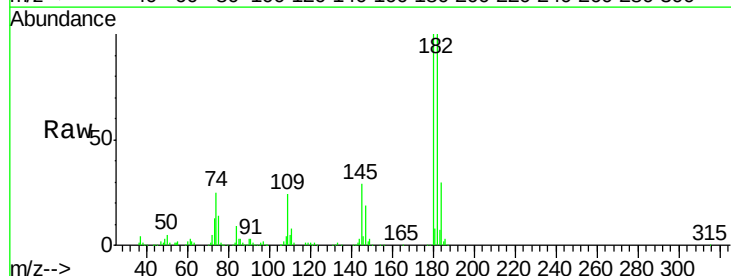
Manual Integrations
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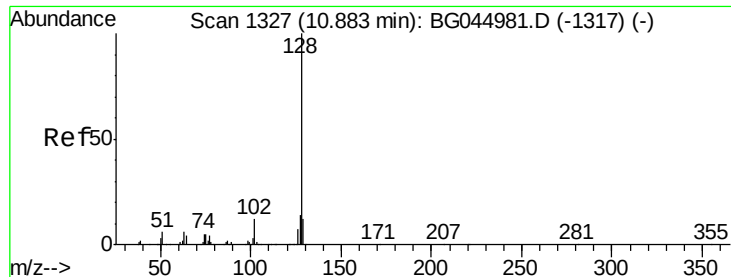
mohammad
 4/16/2020 12:55:02 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 44.208 ng
 RT: 10.70 min Scan# 1295
 Delta R.T. 0.00 min
 Lab File: BG044994.D
 Acq: 15 Apr 2020 22:56

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	276116		
182	100.5	73.3	109.9	
145	28.8	22.6	33.8	





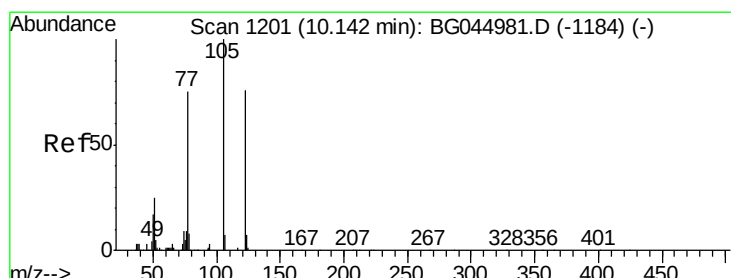
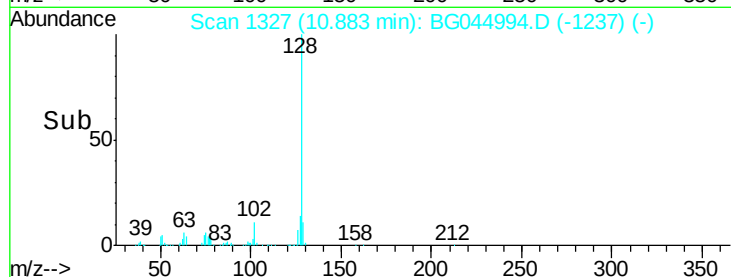
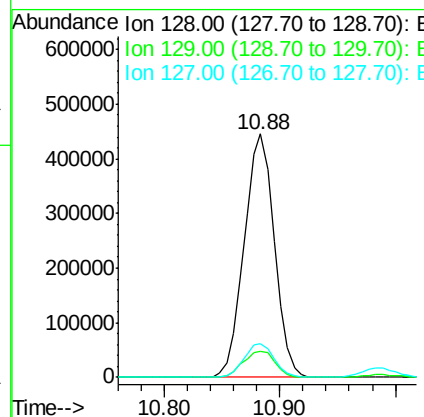
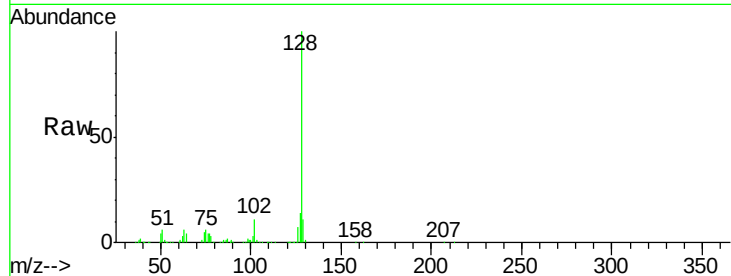
#31
Naphthalene
Concen: 47.325 ng
RT: 10.88 min Scan# 1327
Delta R.T. 0.00 min
Lab File: BG044994.D
Acq: 15 Apr 2020 22:56

Instrument :
BNA_G
ClientSampleId :
TR-04-041420MSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.8	9.4	14.2
127	13.8	10.8	16.2

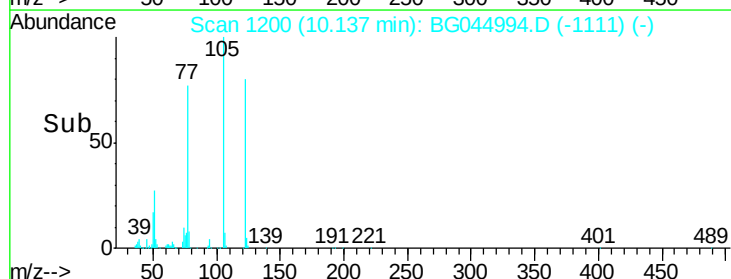
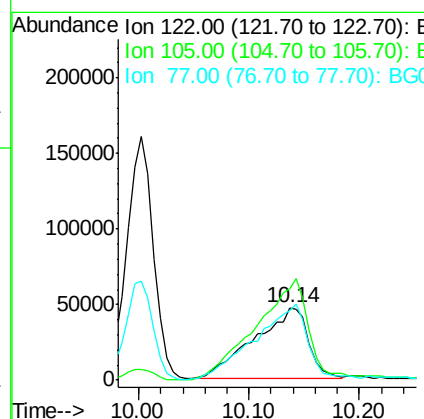
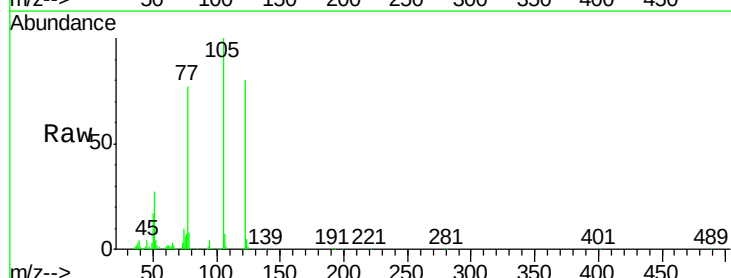
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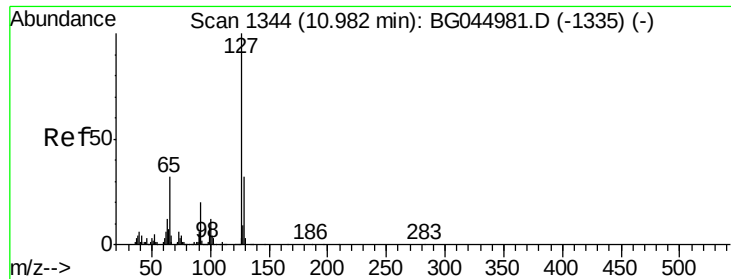
mohammad
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#32
Benzoic acid
Concen: 42.670 ng
RT: 10.14 min Scan# 1200
Delta R.T. -0.00 min
Lab File: BG044994.D
Acq: 15 Apr 2020 22:56

Tgt Ion	Ratio	Lower	Upper
122	100		
105	125.6	108.4	148.4
77	97.2	78.8	118.8





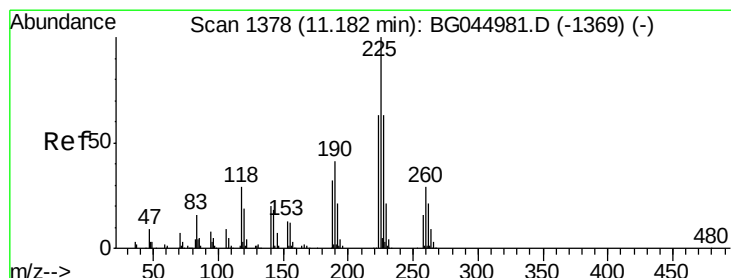
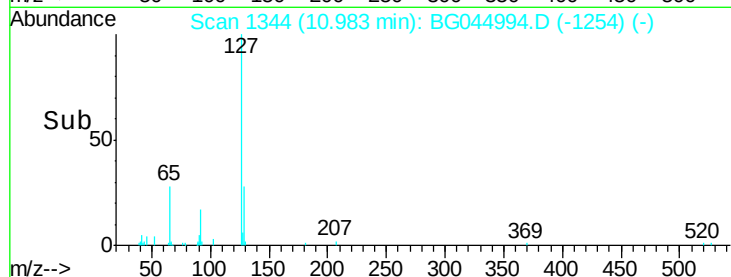
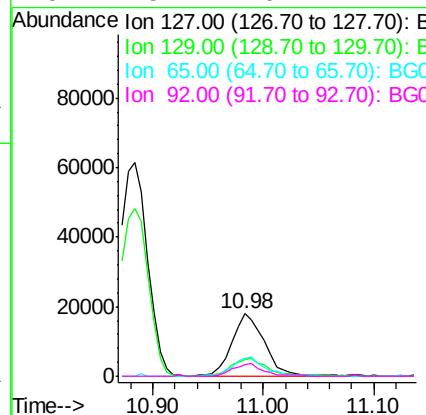
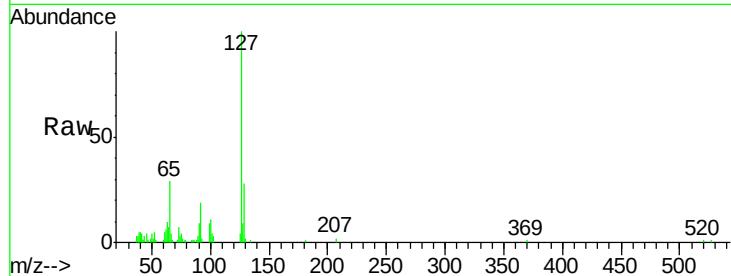
#33
4-Chloroaniline
Concen: 4.690 ng
RT: 10.98 min Scan# 1344
Delta R.T. 0.00 min
Lab File: BG044994.D
Acq: 15 Apr 2020 22:56

Instrument :
BNA_G
ClientSampleId :
TR-04-041420MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		37233		
129	27.6	25.7	38.5		
65	29.1	25.4	38.2		
92	18.7	16.1	24.1		

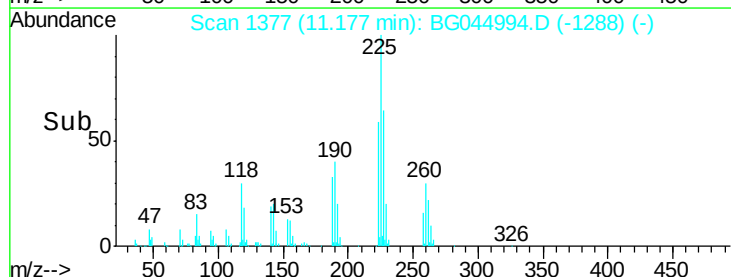
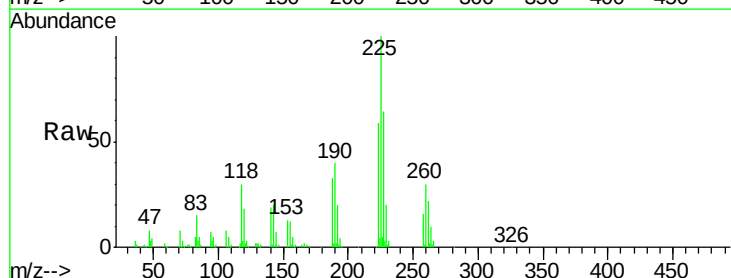
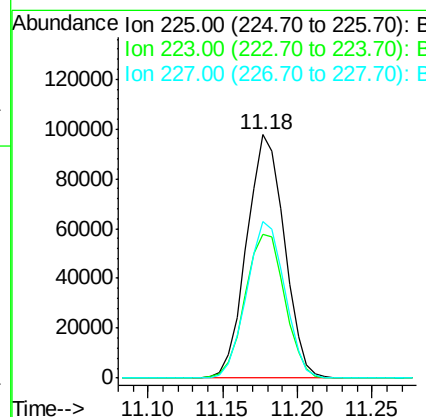
Manual Integrations
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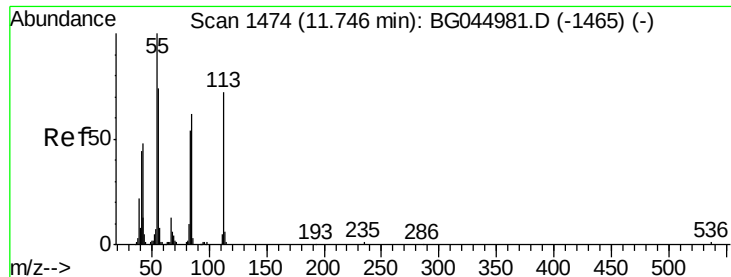
mohammad
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#34
Hexachlorobutadiene
Concen: 39.681 ng
RT: 11.18 min Scan# 1377
Delta R.T. -0.01 min
Lab File: BG044994.D
Acq: 15 Apr 2020 22:56

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		169923		
223	58.8	50.7	76.1		
227	64.4	50.2	75.2		





#35

Caprolactam

Concen: 43.965 ng/mL

RT: 11.75 min Scan# 1475

Delta R.T. 0.01 min

Lab File: BG044994.D

Acq: 15 Apr 2020 22:56

Instrument :

BNA_G

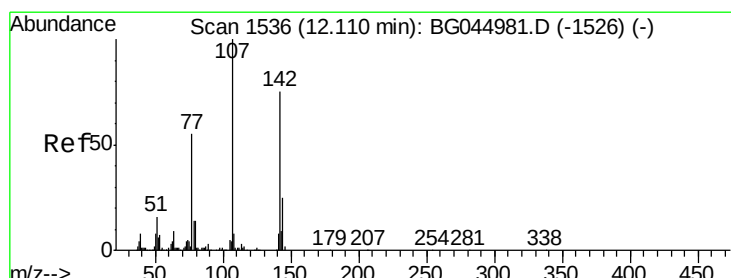
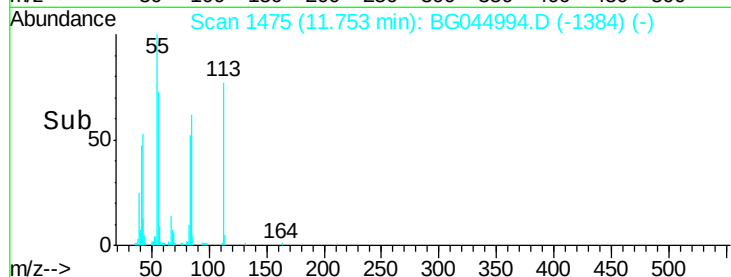
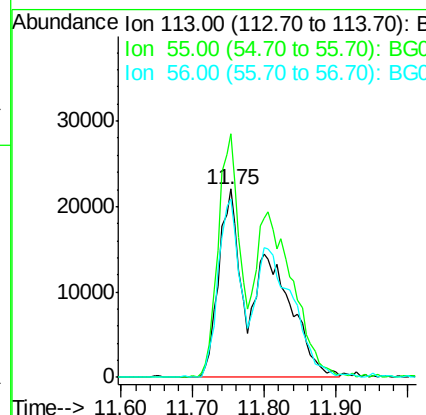
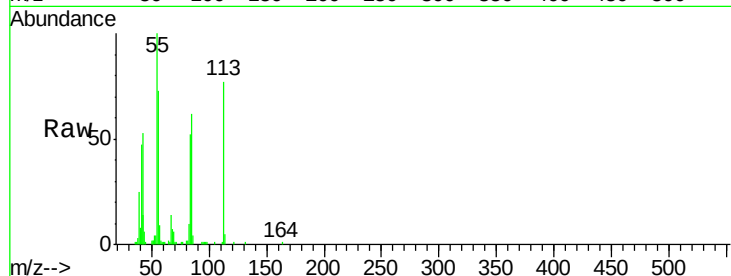
ClientSampleId :

TR-04-041420MSD

Tot Ion:	113	Resp:	96526
Ion Ratio	Lower	Upper	
113	100		
55	129.2	118.8	158.8
56	94.5	82.6	122.6

Manual Integrations
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#36

4-Chloro-3-methylphenol

Concen: 57.581 ng/mL

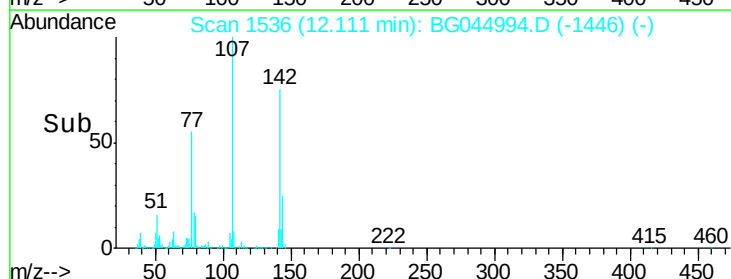
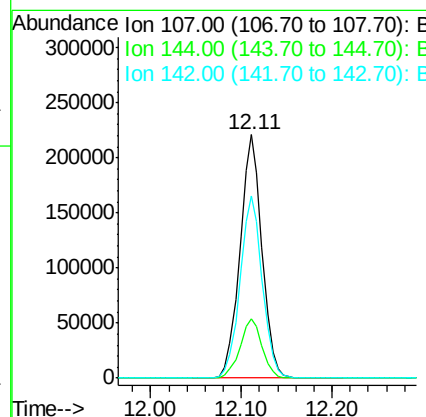
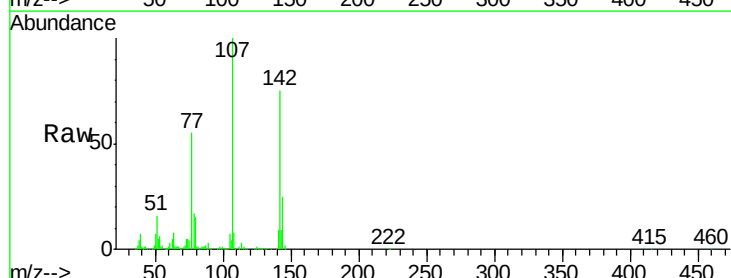
RT: 12.11 min Scan# 1536

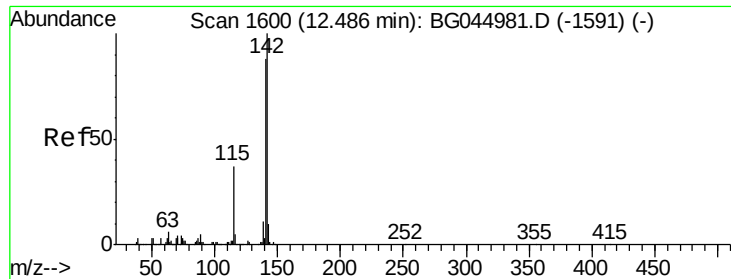
Delta R.T. 0.00 min

Lab File: BG044994.D

Acq: 15 Apr 2020 22:56

Tgt Ion:	107	Resp:	373148
Ion Ratio	Lower	Upper	
107	100		
144	24.5	19.8	29.6
142	74.8	59.7	89.5





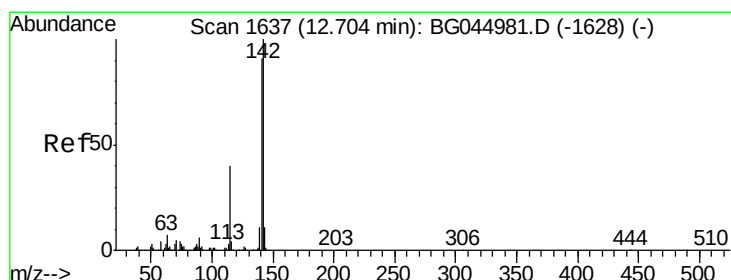
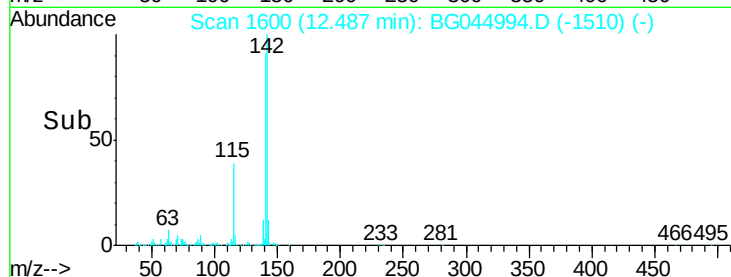
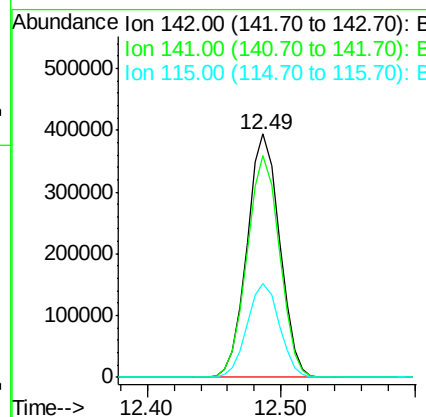
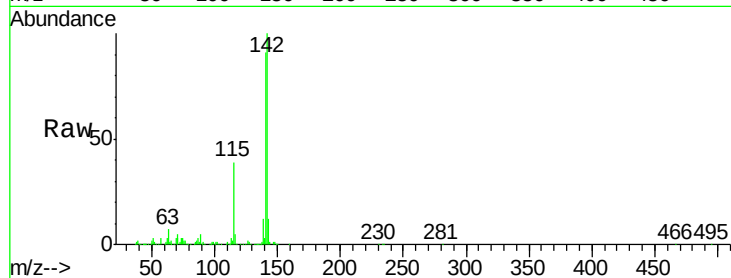
#37
2-Methylnaphthalene
Concen: 50.197 ng
RT: 12.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: BG044994.D
Acq: 15 Apr 2020 22:56

Instrument :
BNA_G
ClientSampleId :
TR-04-041420MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.0	70.3	105.5
115	38.5	29.8	44.6

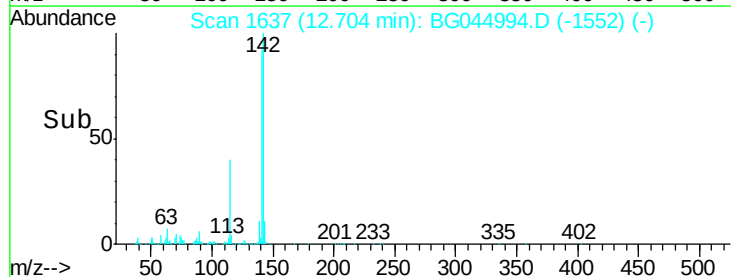
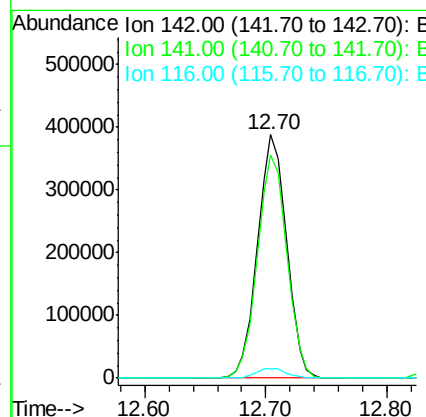
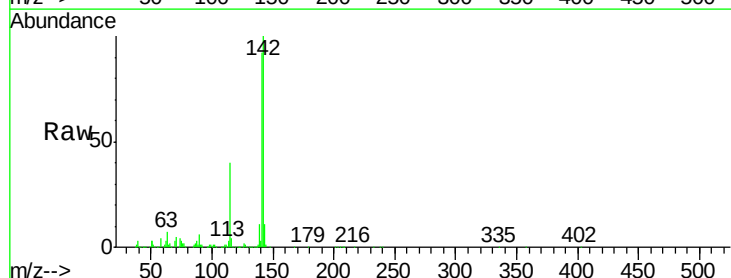
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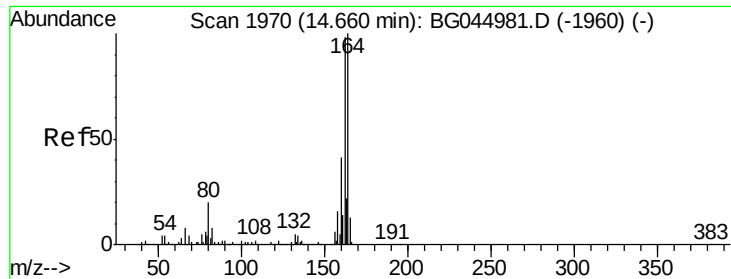
mohammad
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#38
1-Methylnaphthalene
Concen: 52.113 ng
RT: 12.70 min Scan# 1637
Delta R.T. 0.00 min
Lab File: BG044994.D
Acq: 15 Apr 2020 22:56

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.9	72.7	109.1
116	4.1	3.1	4.7





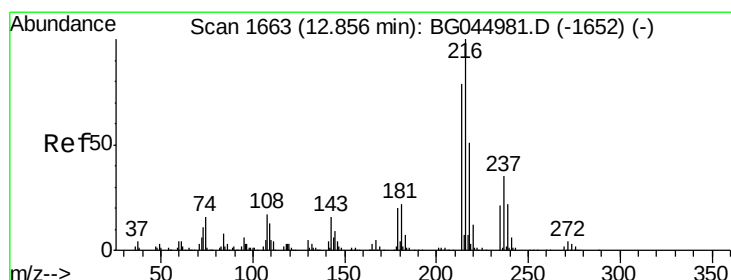
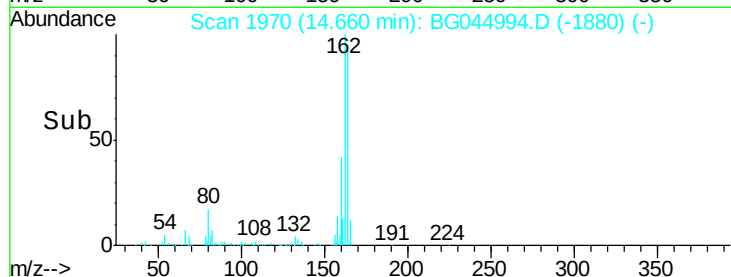
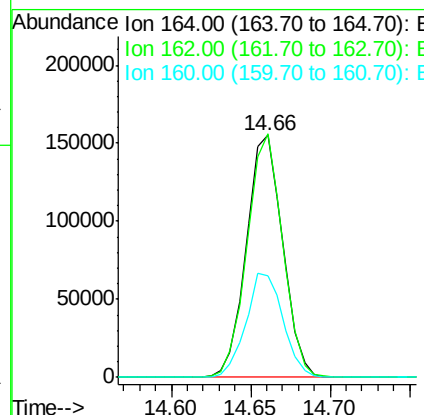
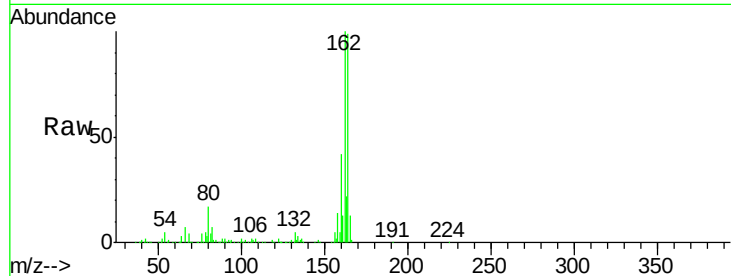
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1970
Delta R.T. 0.00 min
Lab File: BG044994.D
Acq: 15 Apr 2020 22:56

Instrument :
BNA_G
ClientSampleId :
TR-04-041420MSD

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	100.5	78.7	118.1	
160	42.1	32.8	49.2	

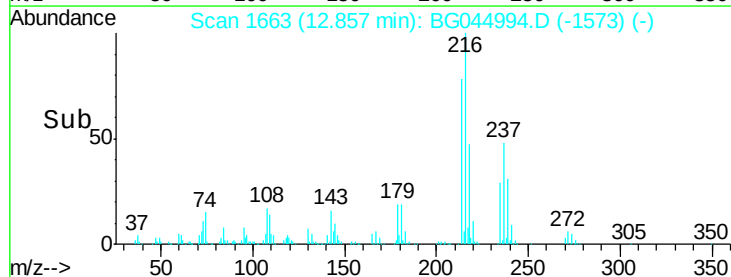
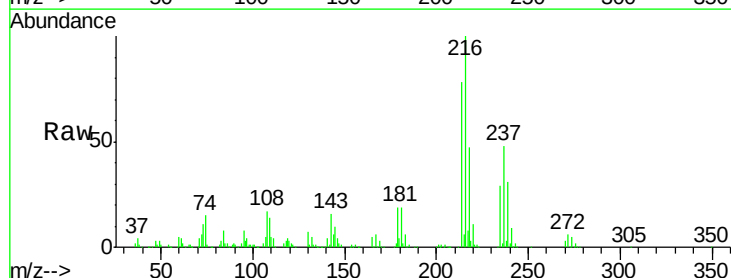
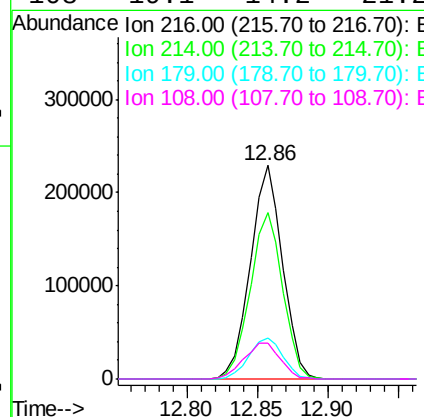
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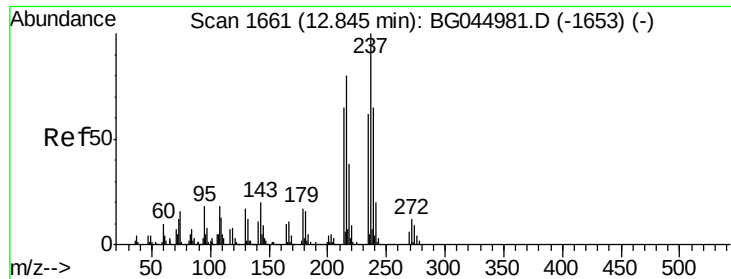
mohammad
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.213 ng
RT: 12.86 min Scan# 1663
Delta R.T. 0.00 min
Lab File: BG044994.D
Acq: 15 Apr 2020 22:56

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	78.8	63.0	94.6	
179	20.4	15.8	23.8	
108	19.1	14.2	21.2	





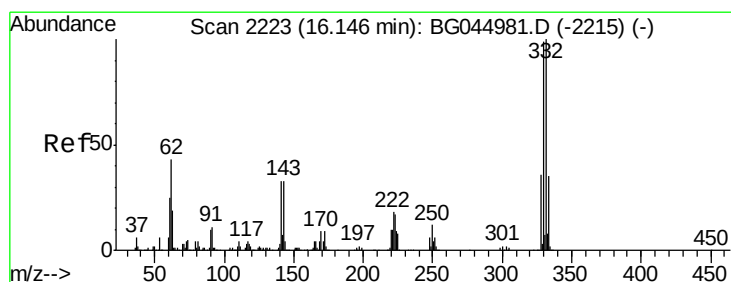
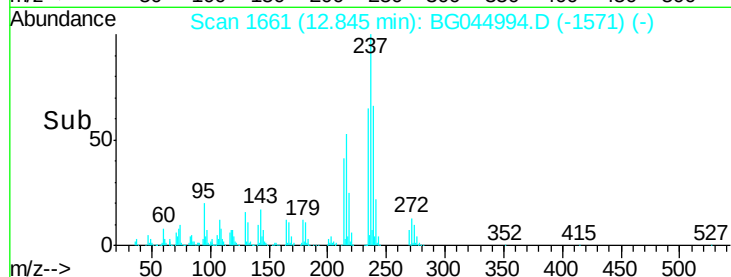
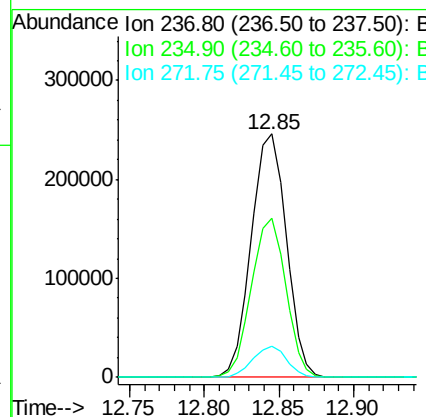
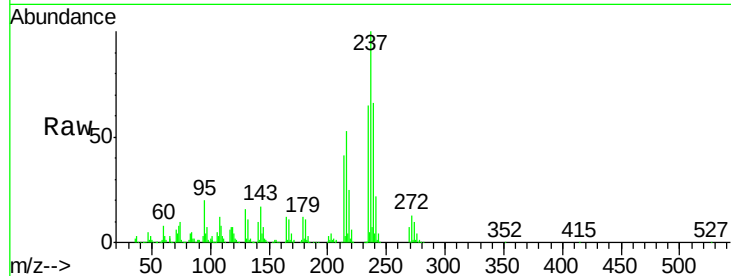
#41
Hexachlorocyclopentadiene
Concen: 80.761 ng
RT: 12.85 min Scan# 1661
Delta R.T. 0.00 min
Lab File: BG044994.D
Acq: 15 Apr 2020 22:56

Instrument :
BNA_G
ClientSampleId :
TR-04-041420MSD

Tot Ion	Ratio	Resp	Lower	Upper
237	100			
235	65.5	41.6	81.6	
272	12.6	0.0	32.1	

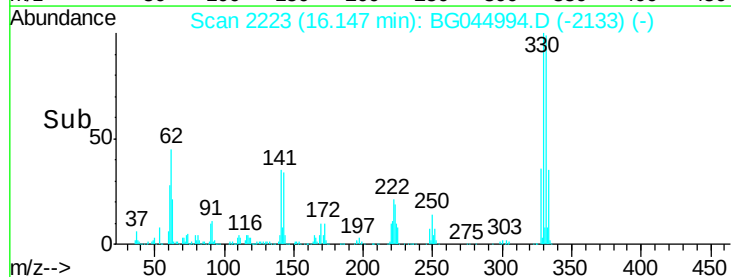
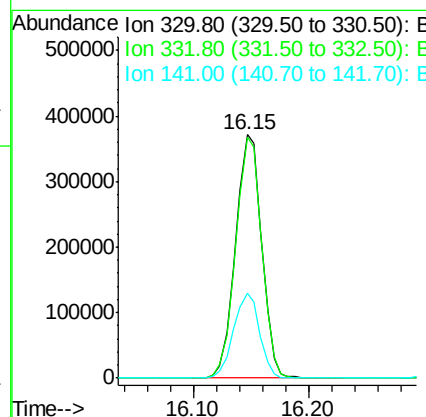
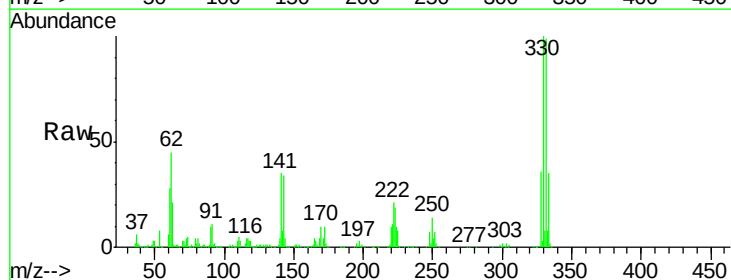
Manual Integrations
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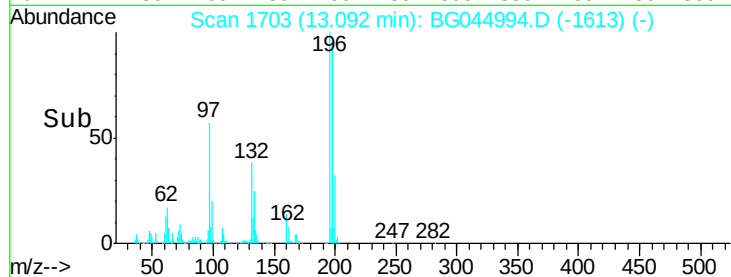
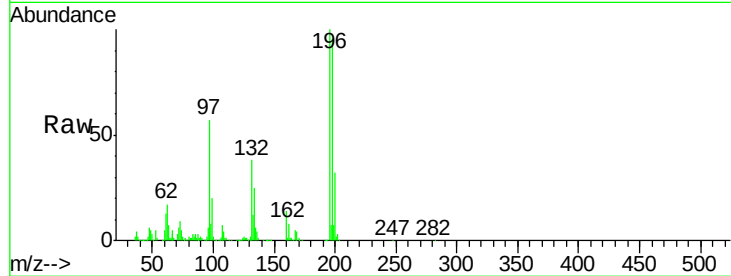
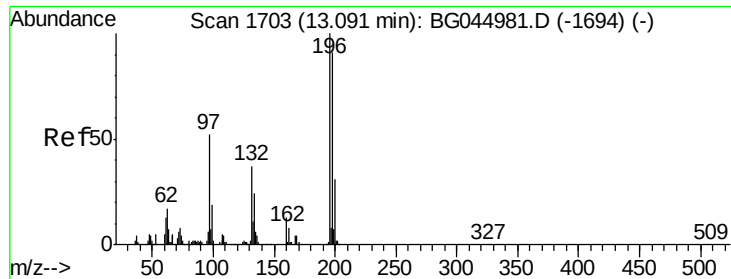
mohammad
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#42
2,4,6-Tribromophenol
Concen: 153.266 ng
RT: 16.15 min Scan# 2223
Delta R.T. 0.00 min
Lab File: BG044994.D
Acq: 15 Apr 2020 22:56

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	98.4	79.1	118.7	
141	34.7	27.1	40.7	





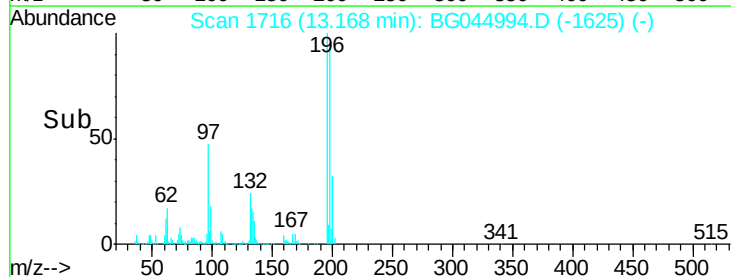
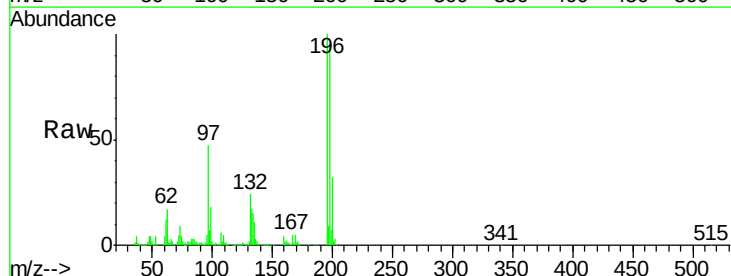
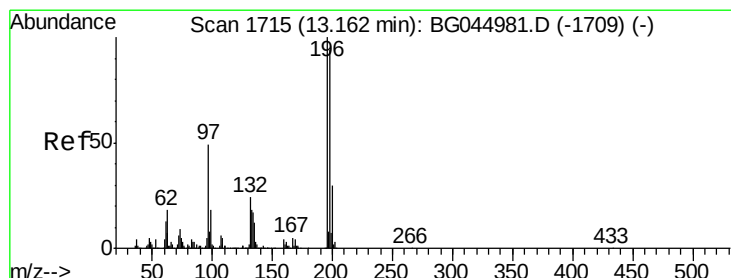
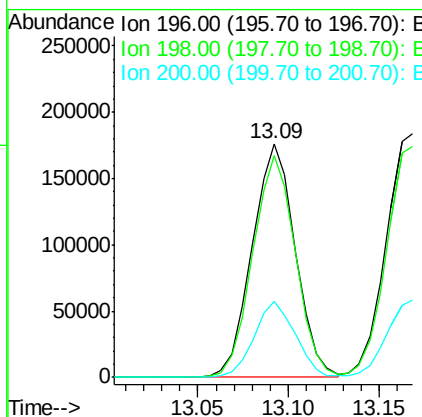
#43
2,4,6-Trichlorophenol
Concen: 51.972 ng
RT: 13.09 min Scan# 1703
Delta R.T. 0.00 min
Lab File: BG044994.D
Acq: 15 Apr 2020 22:56

Tot Ion	196	Resp	290304
Ion Ratio	Lower	Upper	
196	100		
198	94.9	72.5	108.7
200	32.4	24.5	36.7

Instrument :
BNA_G
ClientSampleId :
TR-04-041420MSD

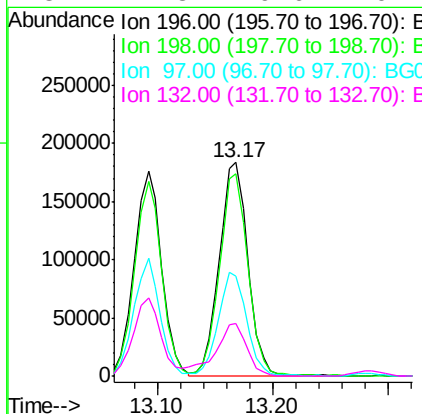
Manual Integrations
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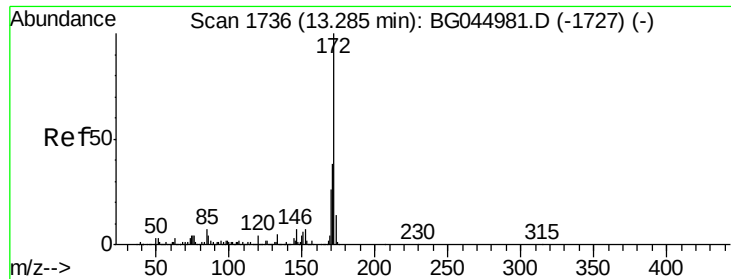
mohammad
4/16/2020 12:55:02 PM



#44
2,4,5-Trichlorophenol
Concen: 49.270 ng
RT: 13.17 min Scan# 1716
Delta R.T. 0.01 min
Lab File: BG044994.D
Acq: 15 Apr 2020 22:56

Tgt Ion	196	Resp	313265
Ion Ratio	Lower	Upper	
196	100		
198	94.8	75.7	113.5
97	46.9	39.6	59.4
132	24.3	19.6	29.4





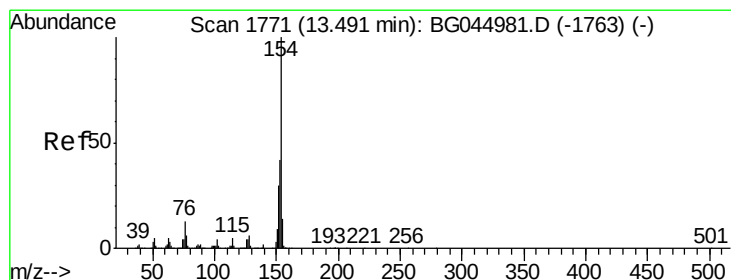
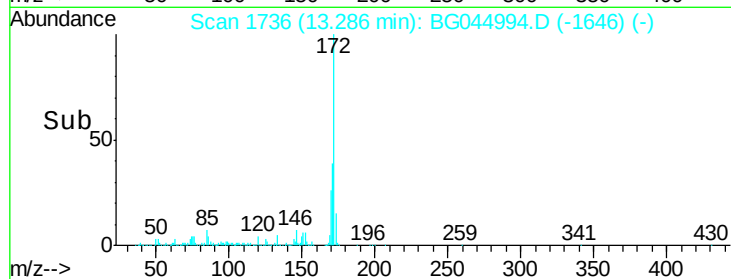
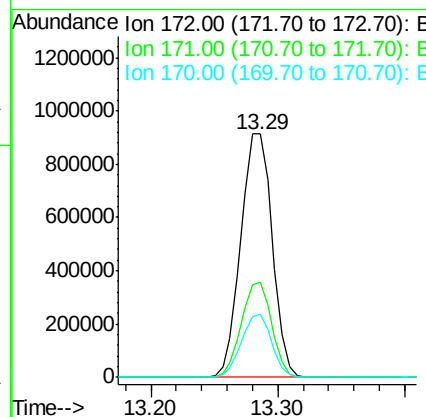
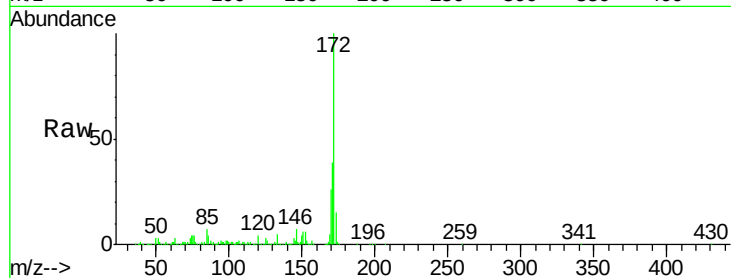
#45
2-Fluorobiphenyl
Concen: 93.584 ng
RT: 13.29 min Scan# 1736
Delta R.T. 0.00 min
Lab File: BG044994.D
Acq: 15 Apr 2020 22:56

Instrument :
BNA_G
ClientSampleId :
TR-04-041420MSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	39.0	30.6	46.0
170	25.9	20.5	30.7

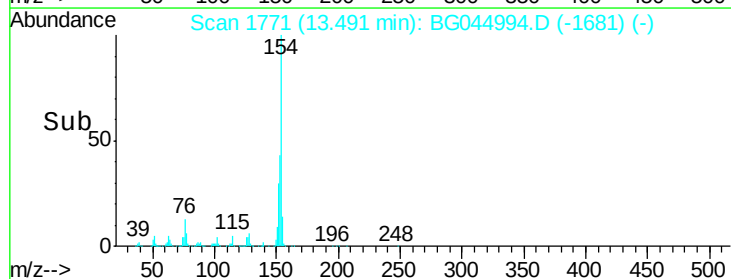
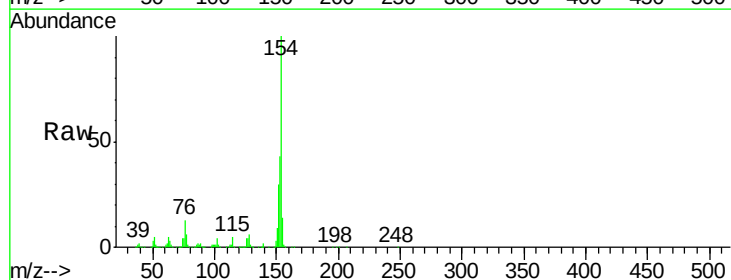
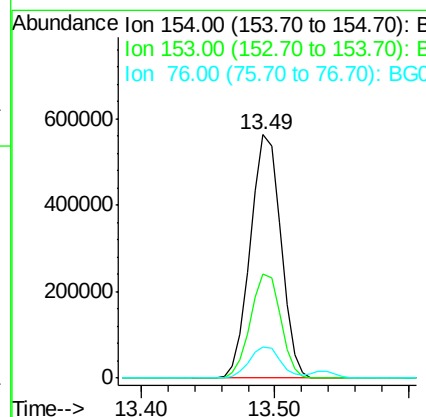
Manual Integrations
APPROVED

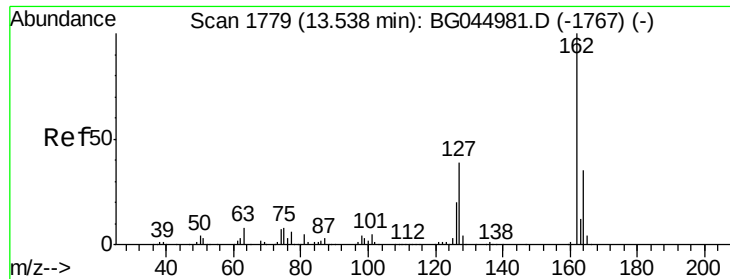
mohammad
4/16/2020 12:55:02 PM



#46
1,1'-Biphenyl
Concen: 47.444 ng
RT: 13.49 min Scan# 1771
Delta R.T. 0.00 min
Lab File: BG044994.D
Acq: 15 Apr 2020 22:56

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.7	21.9	61.9
76	12.7	0.0	33.1





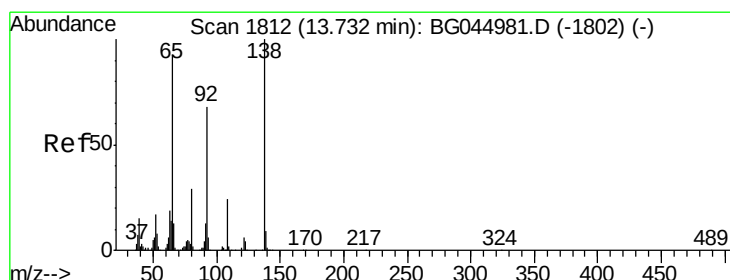
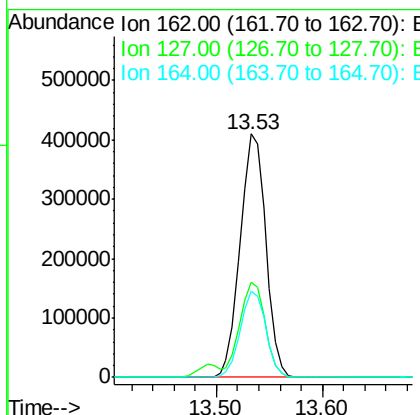
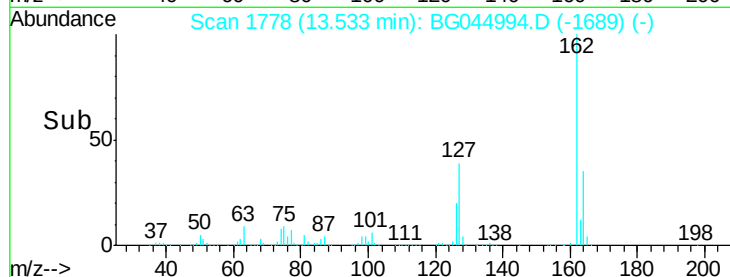
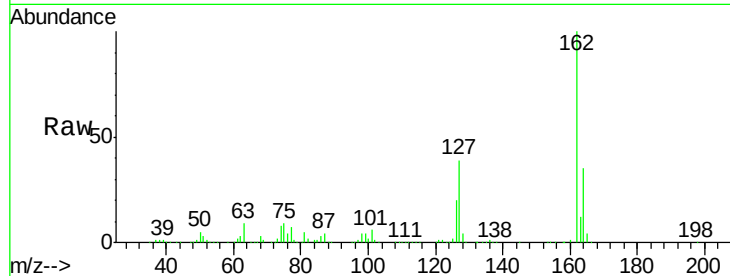
#47
2-Chloronaphthalene
Concen: 48.167 ng
RT: 13.53 min Scan# 1778
Delta R.T. -0.01 min
Lab File: BG044994.D
Acq: 15 Apr 2020 22:56

Instrument :
BNA_G
ClientSampleId :
TR-04-041420MSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	38.9	31.3	46.9
164	35.3	27.8	41.8

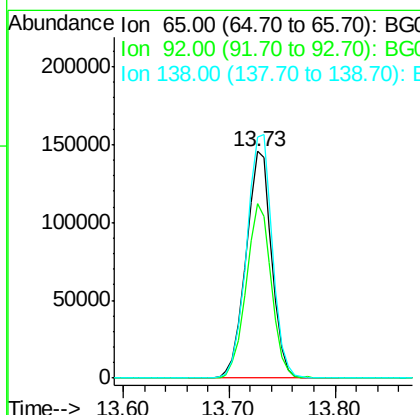
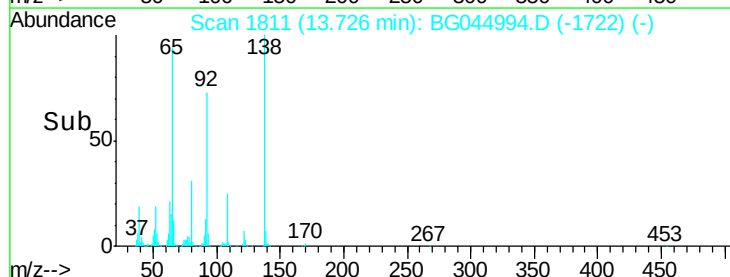
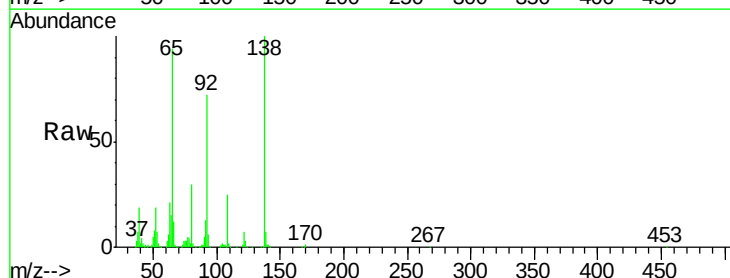
Manual Integrations
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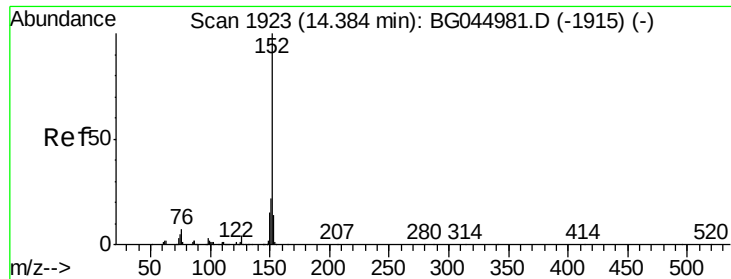
mohammad
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#48
2-Nitroaniline
Concen: 52.301 ng
RT: 13.73 min Scan# 1811
Delta R.T. -0.01 min
Lab File: BG044994.D
Acq: 15 Apr 2020 22:56

Tgt Ion	Ratio	Lower	Upper
65	100		
92	77.2	58.3	87.5
138	106.6	85.6	128.4





#49

Acenaphthylene

Concen: 49.799 ng

RT: 14.38 min Scan# 1923

Delta R.T. 0.00 min

Lab File: BG044994.D

Acq: 15 Apr 2020 22:56

Instrument :

BNA_G

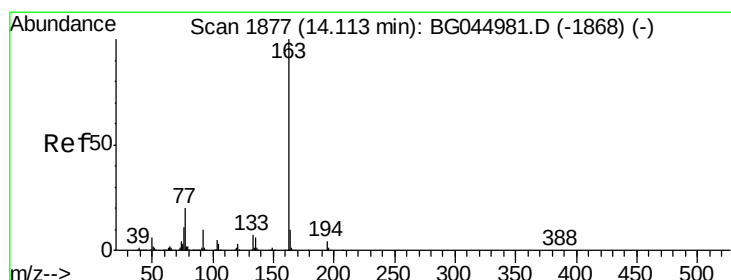
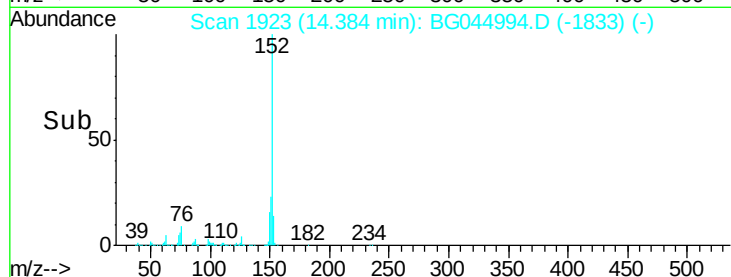
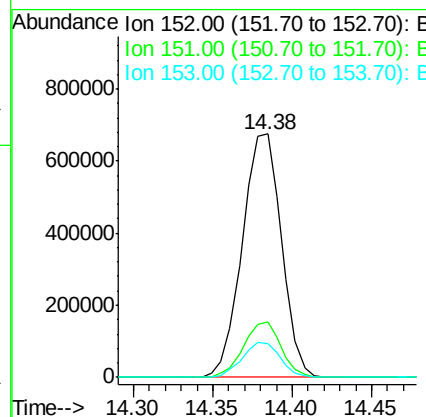
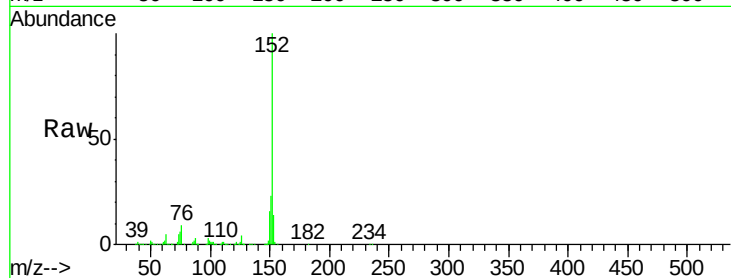
ClientSampleId :

TR-04-041420MSD

Tot Ion:	152	Resp:	1158025
Ion	Ratio	Lower	Upper
152	100		
151	22.6	17.2	25.8
153	14.0	11.0	16.4

Manual Integrations
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#50

Dimethylphthalate

Concen: 52.205 ng

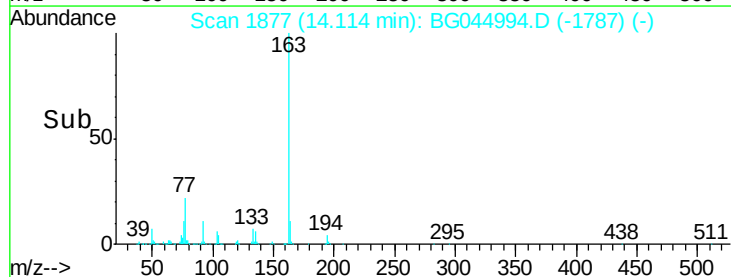
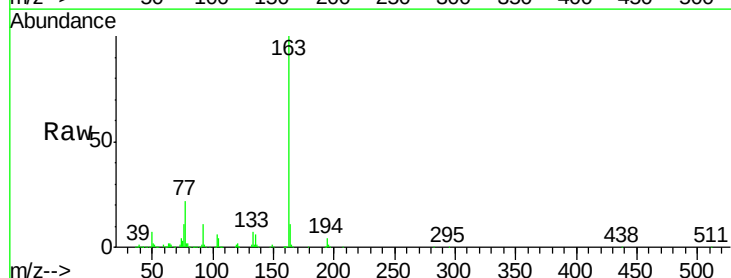
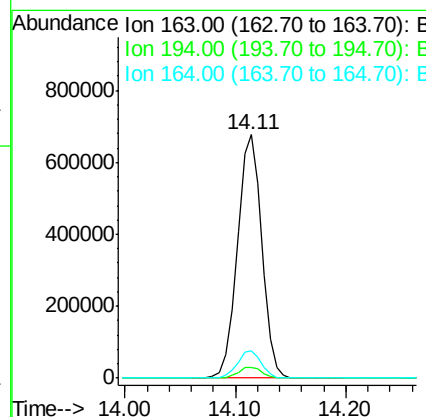
RT: 14.11 min Scan# 1877

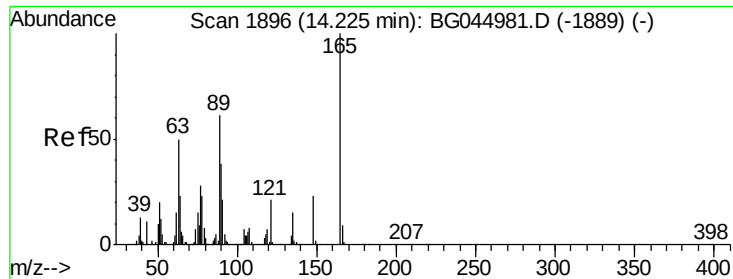
Delta R.T. 0.00 min

Lab File: BG044994.D

Acq: 15 Apr 2020 22:56

Tgt Ion:	163	Resp:	1044910
Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.5	5.3
164	11.0	8.2	12.4





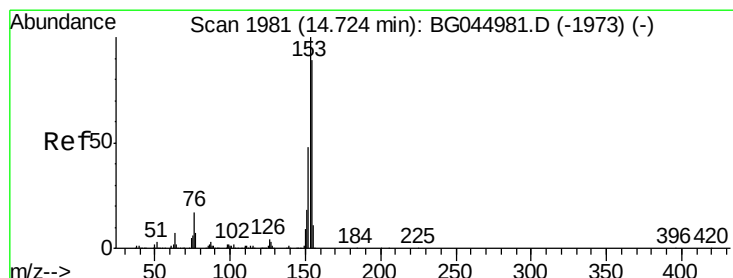
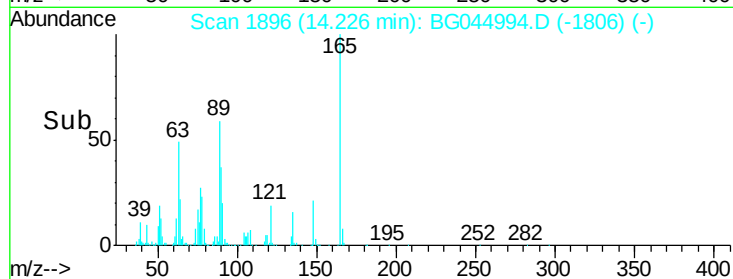
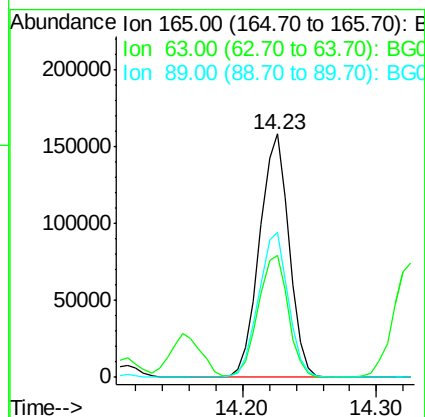
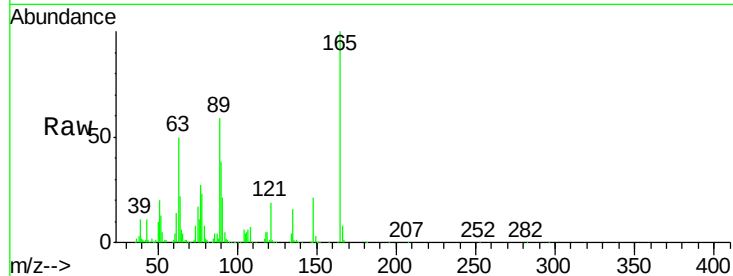
#51
 2,6-Dinitrotoluene
 Concen: 53.879 ng
 RT: 14.23 min Scan# 1896
 Delta R.T. 0.00 min
 Lab File: BG044994.D
 Acq: 15 Apr 2020 22:56

Instrument :
 BNA_G
 ClientSampleId :
 TR-04-041420MSD

Tot Ion:	165	Resp:	241207
Ion Ratio	Lower	Upper	
165	100		
63	50.0	40.4	60.6
89	59.4	49.1	73.7

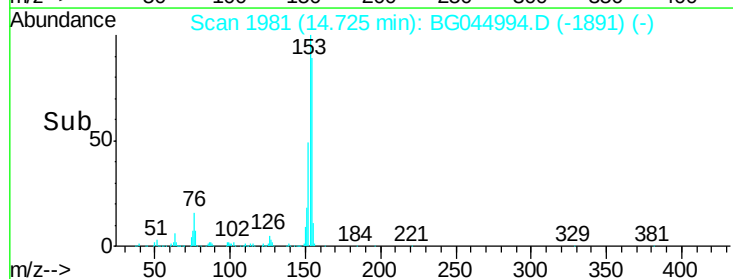
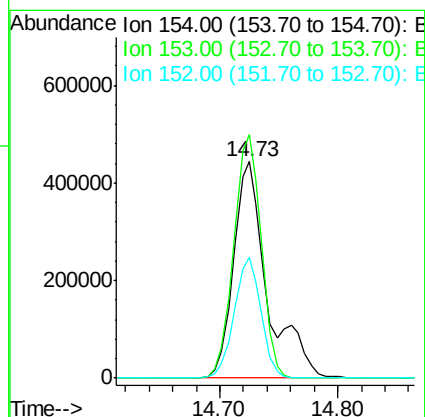
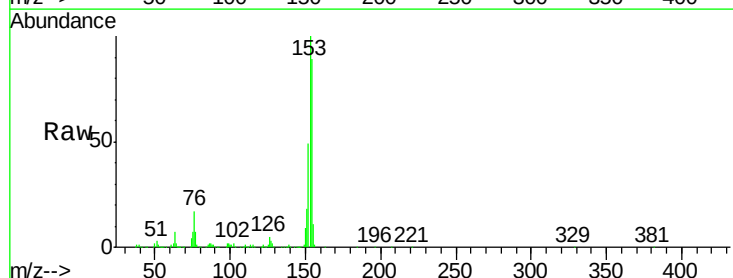
Manual Integrations
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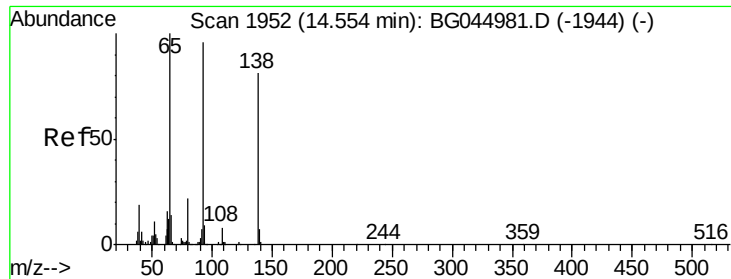
mohammad
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#52
 Acenaphthene
 Concen: 56.300 ng m
 RT: 14.73 min Scan# 1981
 Delta R.T. 0.00 min
 Lab File: BG044994.D
 Acq: 15 Apr 2020 22:56

Tgt Ion:	154	Resp:	885795
Ion Ratio	Lower	Upper	
154	100		
153	112.6	89.7	134.5
152	55.7	43.1	64.7





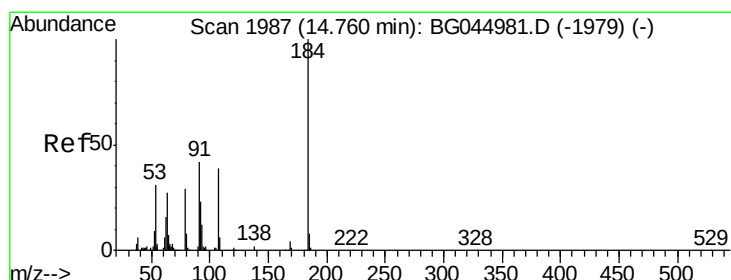
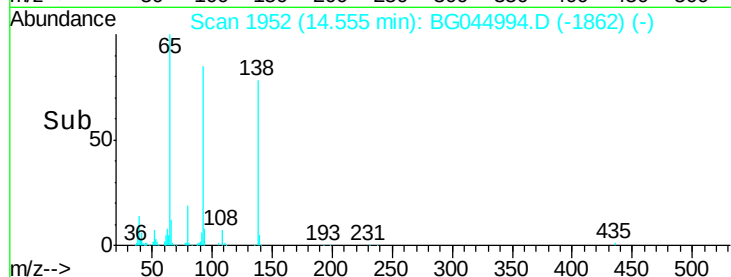
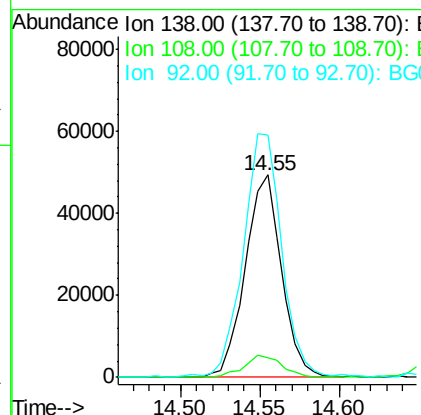
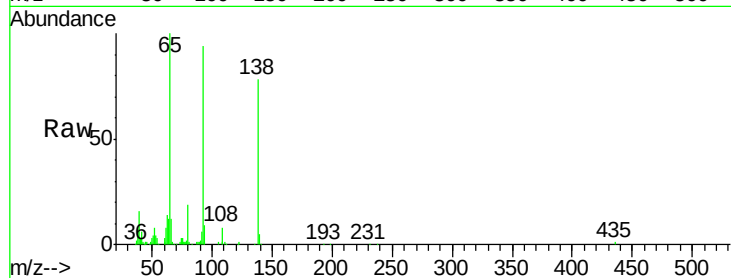
#53
 3-Nitroaniline
 Concen: 15.973 ng
 RT: 14.55 min Scan# 1952
 Delta R.T. 0.00 min
 Lab File: BG044994.D
 Acq: 15 Apr 2020 22:56

Instrument :
 BNA_G
 ClientSampleId :
 TR-04-041420MSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.6	7.8	11.8
92	119.7	94.5	141.7

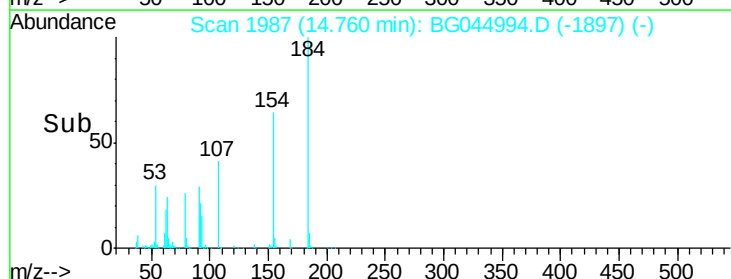
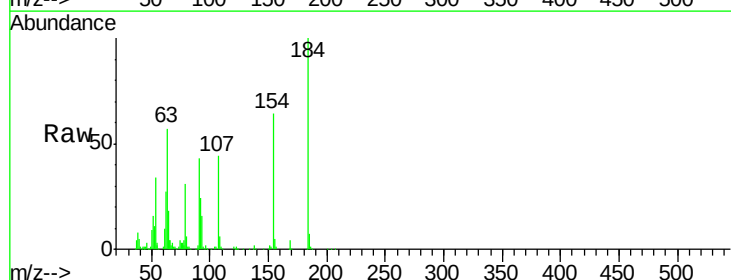
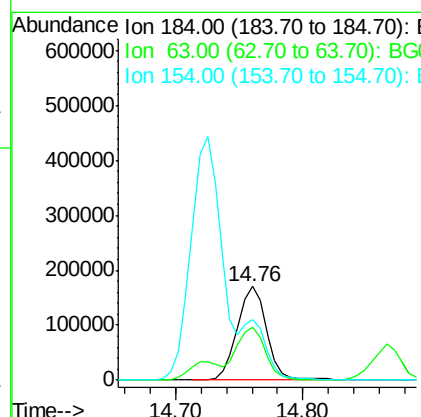
Manual Integrations
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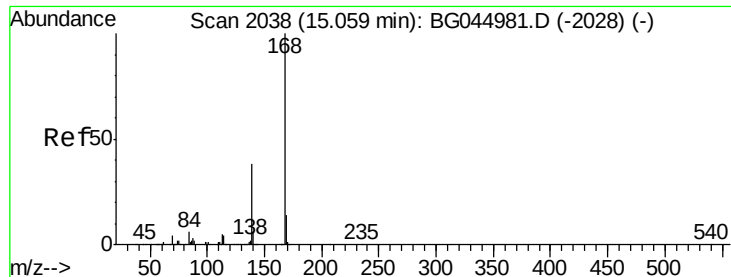
mohammad
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#54
 2,4-Dinitrophenol
 Concen: 102.634 ng
 RT: 14.76 min Scan# 1987
 Delta R.T. 0.00 min
 Lab File: BG044994.D
 Acq: 15 Apr 2020 22:56

Tgt Ion	Ratio	Lower	Upper
184	100		
63	57.0	41.5	62.3
154	64.2	52.3	78.5





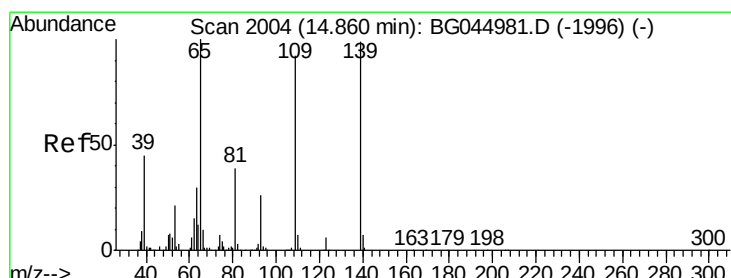
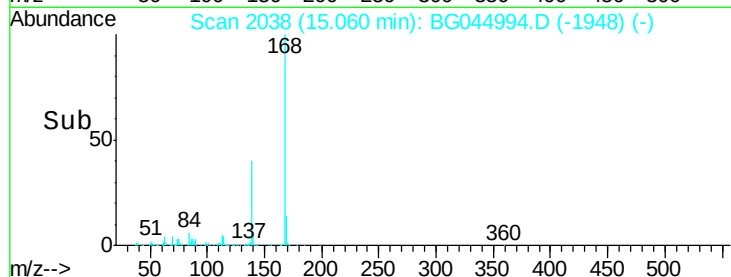
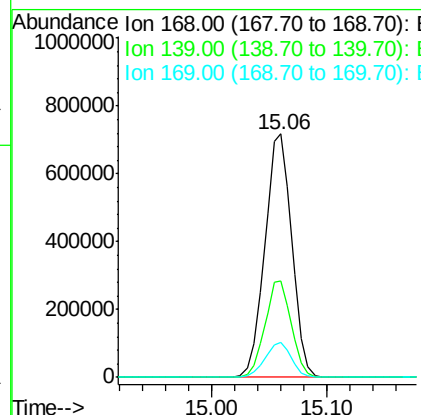
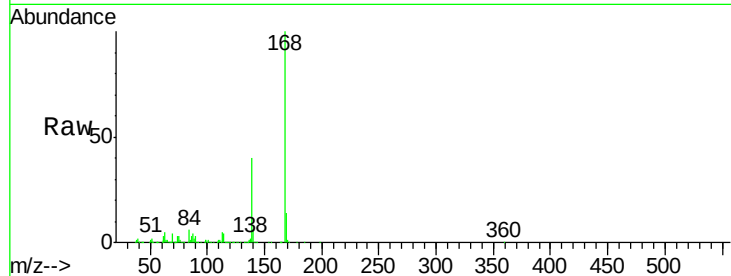
#55
Dibenzenofuran
Concen: 50.716 ng
RT: 15.06 min Scan# 2038
Delta R.T. 0.00 min
Lab File: BG044994.D
Acq: 15 Apr 2020 22:56

Instrument :
BNA_G
ClientSampleId :
TR-04-041420MSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	39.7	30.4	45.6
169	14.3	11.0	16.4

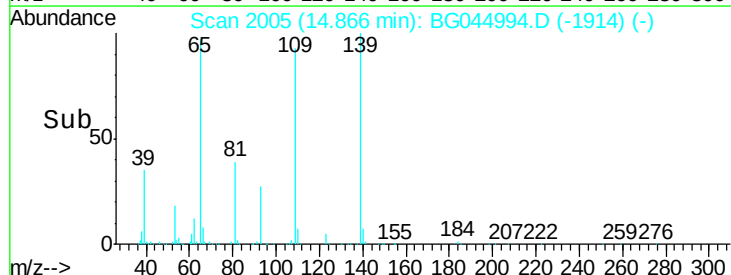
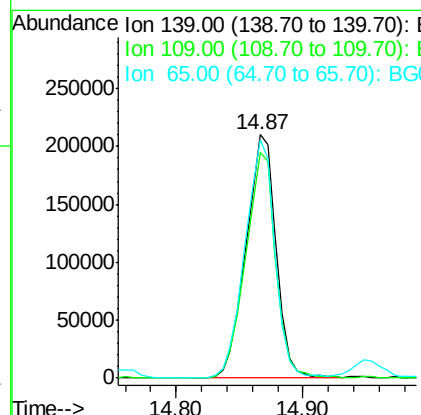
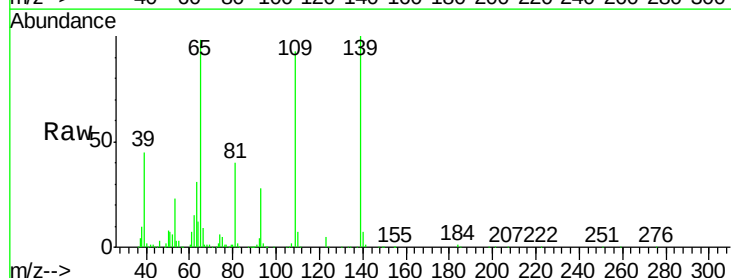
Manual Integrations
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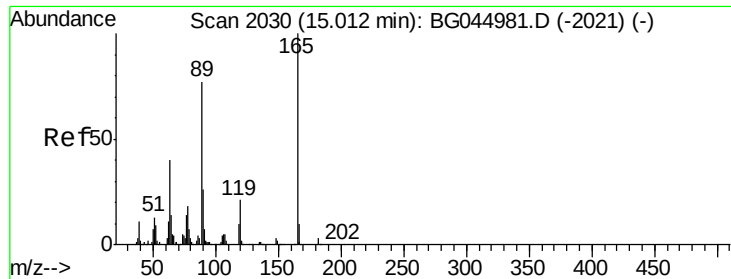
mohammad
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#56
4-Nitrophenol
Concen: 91.224 ng
RT: 14.87 min Scan# 2005
Delta R.T. 0.01 min
Lab File: BG044994.D
Acq: 15 Apr 2020 22:56

Tgt Ion	Ratio	Lower	Upper
139	100		
109	92.6	73.6	113.6
65	97.9	81.2	121.2





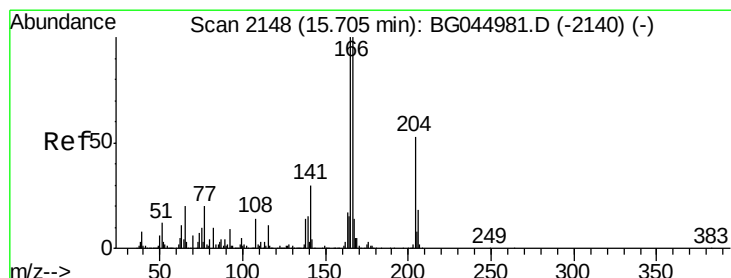
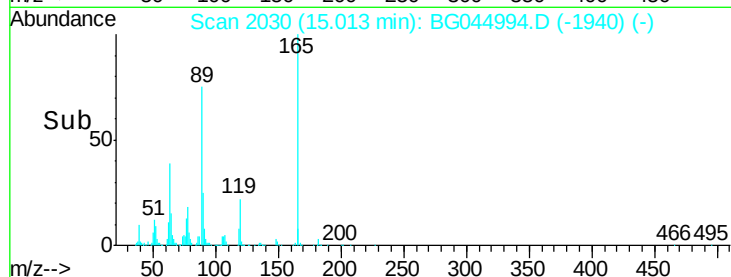
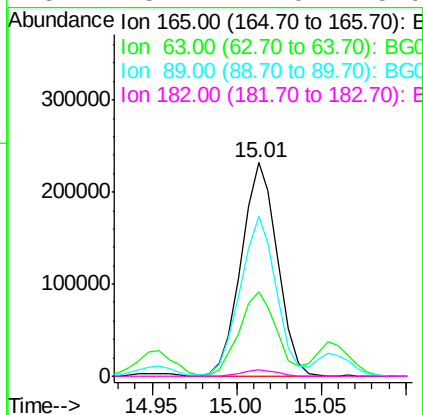
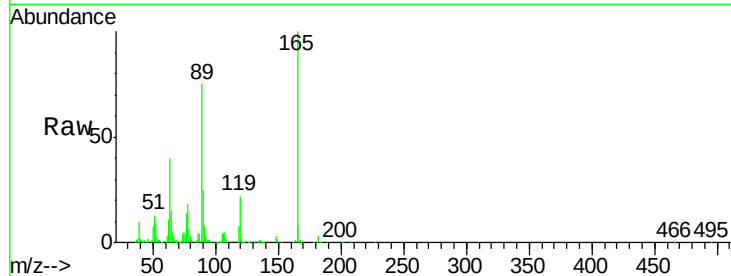
#57
2,4-Dinitrotoluene
Concen: 52.556 ng
RT: 15.01 min Scan# 2030
Delta R.T. 0.00 min
Lab File: BG044994.D
Acq: 15 Apr 2020 22:56

Instrument :
BNA_G
ClientSampleId :
TR-04-041420MSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	39.6	32.2	48.2	
89	74.7	61.7	92.5	
182	3.2	2.0	3.0	

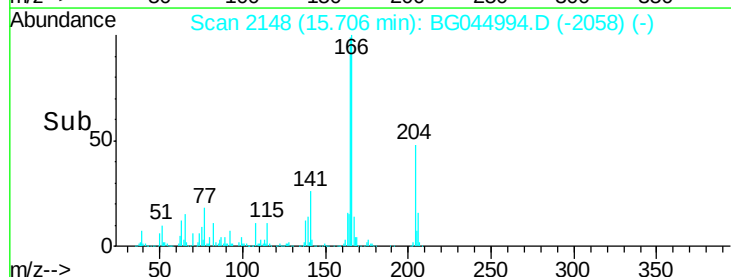
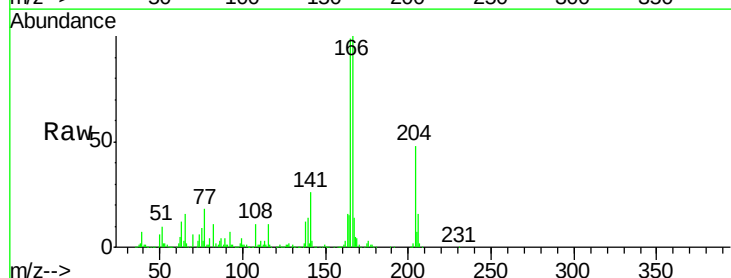
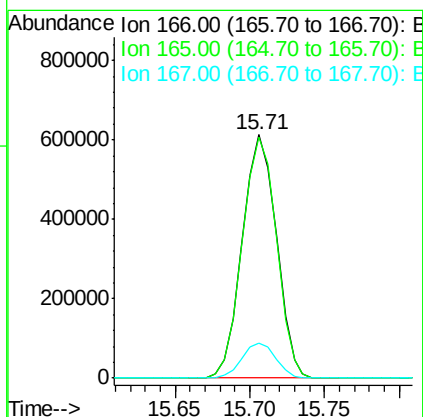
Manual Integrations
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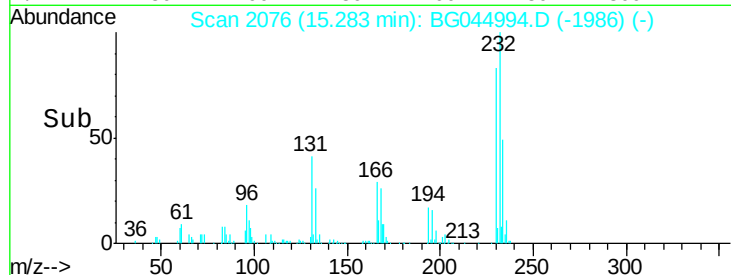
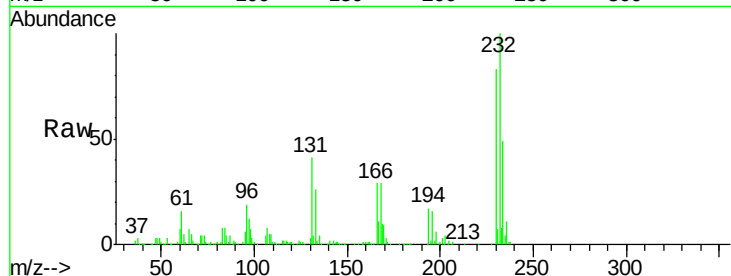
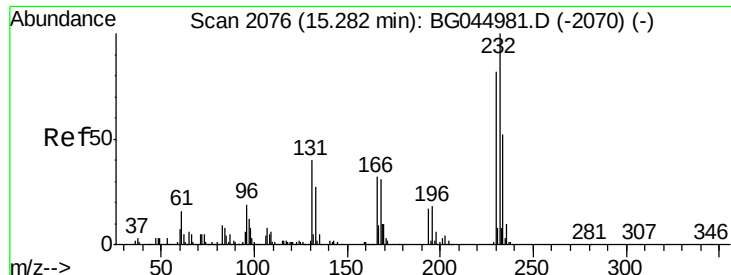
mohammad
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#58
Fluorene
Concen: 51.838 ng
RT: 15.71 min Scan# 2148
Delta R.T. 0.00 min
Lab File: BG044994.D
Acq: 15 Apr 2020 22:56

Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	98.8	79.9	119.9	
167	14.2	11.4	17.0	





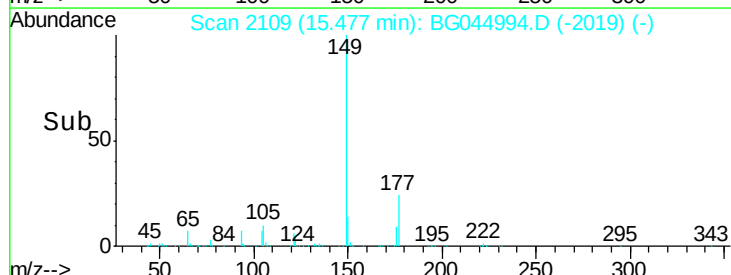
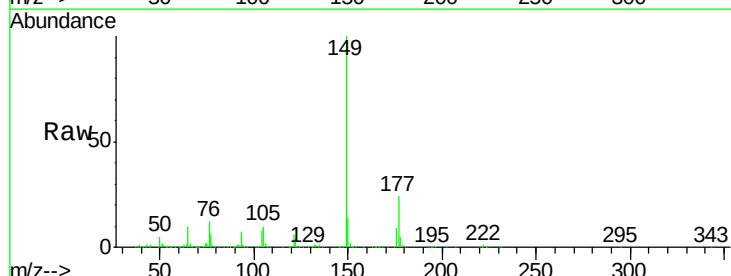
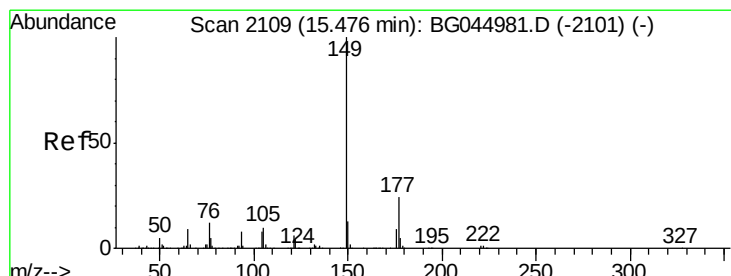
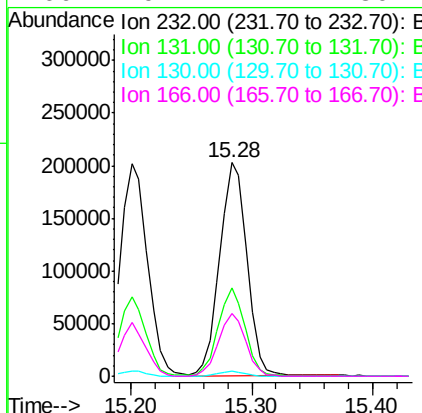
#59
2,3,4,6-Tetrachlorophenol
Concen: 56.104 ng
RT: 15.28 min Scan# 2076
Delta R.T. 0.00 min
Lab File: BG044994.D
Acq: 15 Apr 2020 22:56

Instrument :
BNA_G
ClientSampleId :
TR-04-041420MSD

Tot Ion	Ratio	Resp	Lower	Upper
232	100	317399		
131	40.4	32.2	48.2	
130	2.5	2.2	3.2	
166	29.1	24.2	36.4	

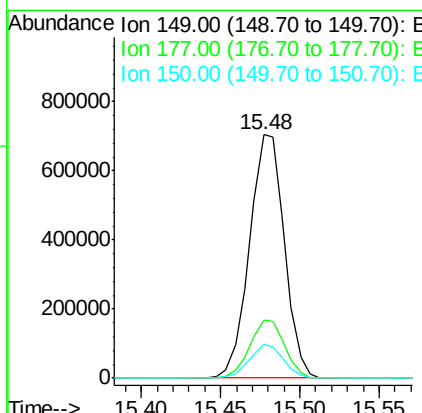
Manual Integrations
APPROVED

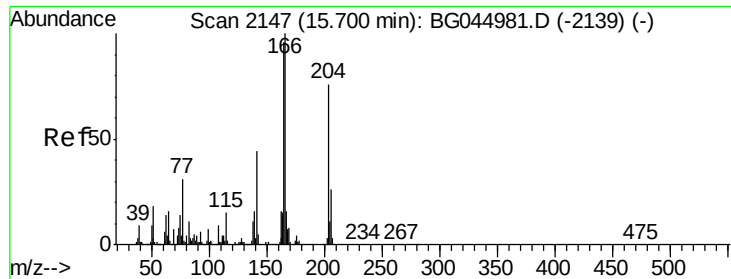
mohammad
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#60
Diethylphthalate
Concen: 51.587 ng
RT: 15.48 min Scan# 2109
Delta R.T. 0.00 min
Lab File: BG044994.D
Acq: 15 Apr 2020 22:56

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1076518		
177	24.1	18.9	28.3	
150	14.0	10.6	15.8	





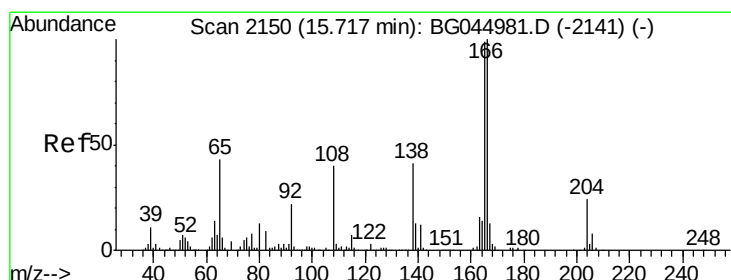
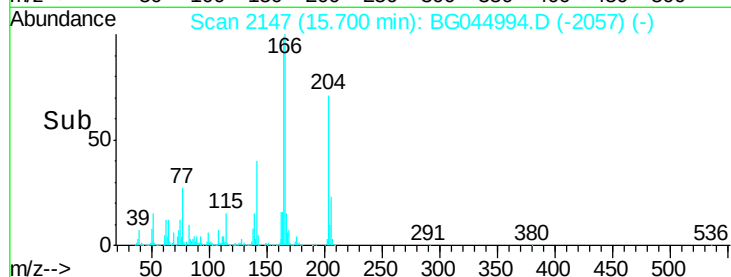
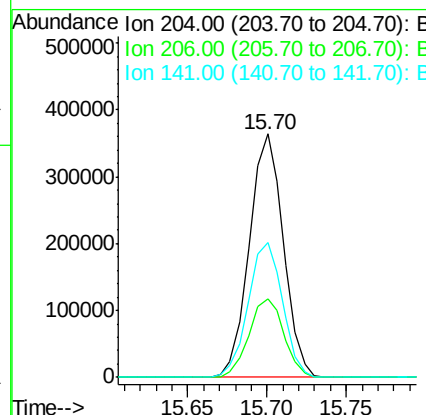
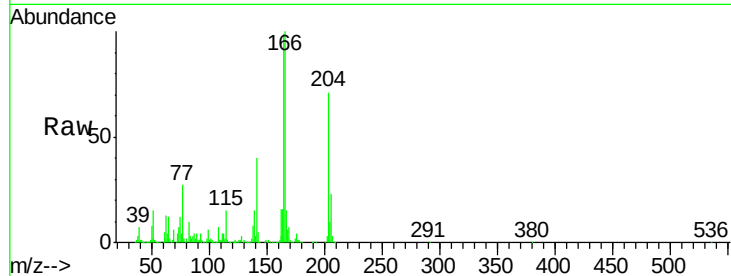
#61
4-Chlorophenyl-phenylether
Concen: 50.144 ng
RT: 15.70 min Scan# 2147
Delta R.T. 0.00 min
Lab File: BG044994.D
Acq: 15 Apr 2020 22:56

Instrument :
BNA_G
ClientSampleId :
TR-04-041420MSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.0	26.9	40.3
141	55.6	46.3	69.5

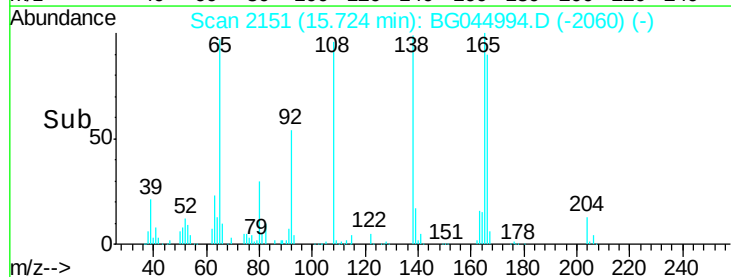
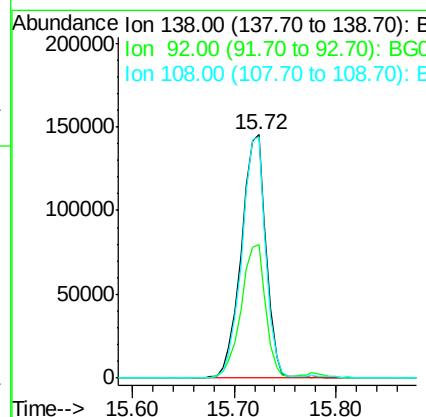
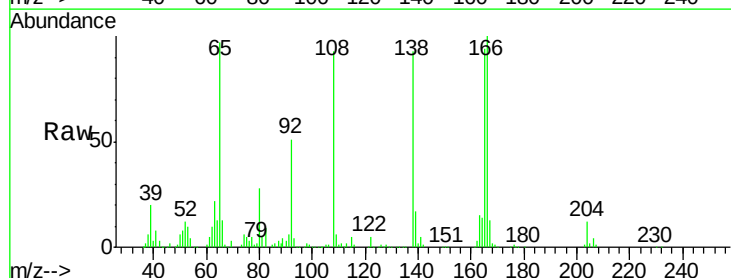
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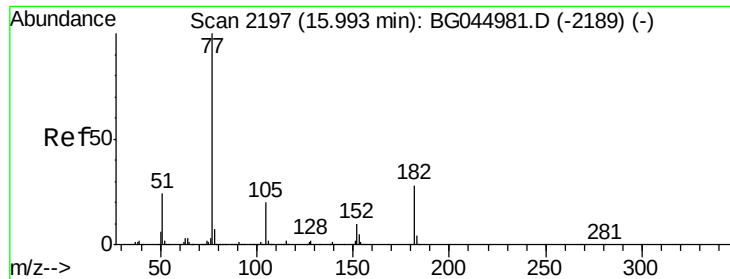
mohammad
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#62
4-Nitroaniline
Concen: 48.170 ng
RT: 15.72 min Scan# 2151
Delta R.T. 0.01 min
Lab File: BG044994.D
Acq: 15 Apr 2020 22:56

Tgt Ion	Ratio	Lower	Upper
138	100		
92	54.6	33.6	73.6
108	99.3	78.2	118.2





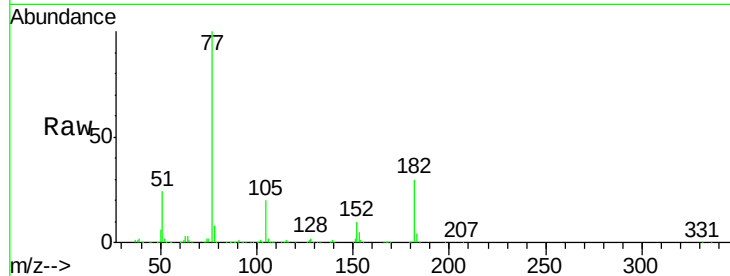
#63
Azobenzene
Concen: 52.740 ng
RT: 15.99 min Scan# 2197
Delta R.T. 0.00 min
Lab File: BG044994.D
Acq: 15 Apr 2020 22:56

Instrument :
BNA_G
ClientSampleId :
TR-04-041420MSD

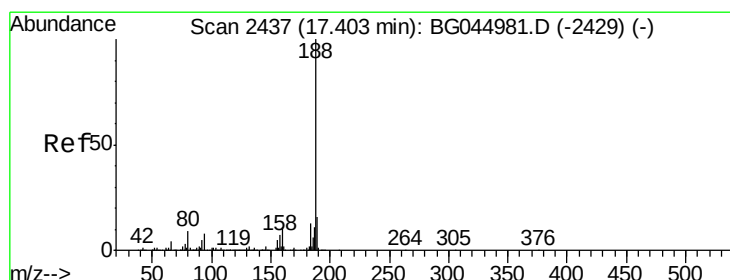
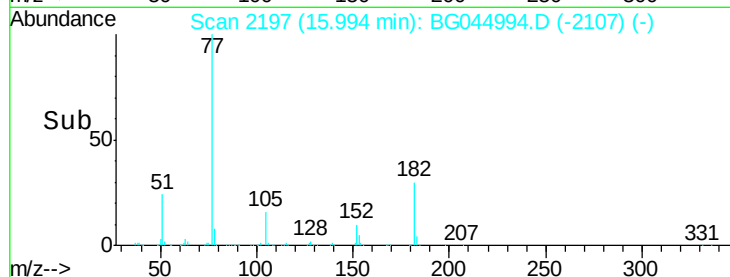
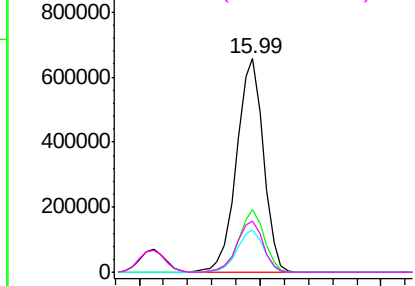
Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	29.6	8.4	48.4	
105	19.9	0.5	40.5	
51	24.0	4.4	44.4	

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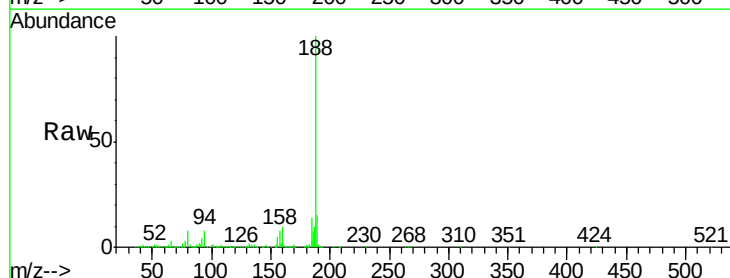


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

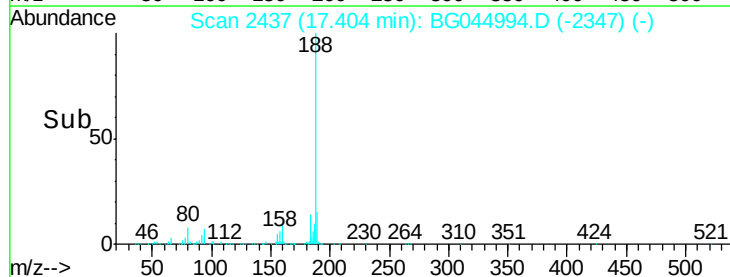
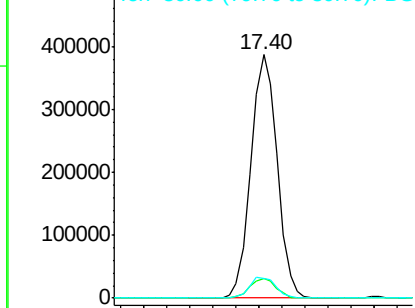


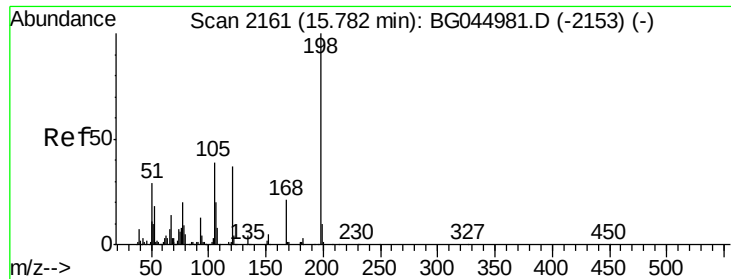
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.40 min Scan# 2437
Delta R.T. 0.00 min
Lab File: BG044994.D
Acq: 15 Apr 2020 22:56

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	7.8	6.2	9.4	
80	8.1	7.0	10.6	



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





#65

4,6-Dinitro-2-methylphenol

Concen: 54.137 ng

RT: 15.78 min Scan# 2161

Delta R.T. 0.00 min

Lab File: BG044994.D

Acq: 15 Apr 2020 22:56

Instrument :

BNA_G

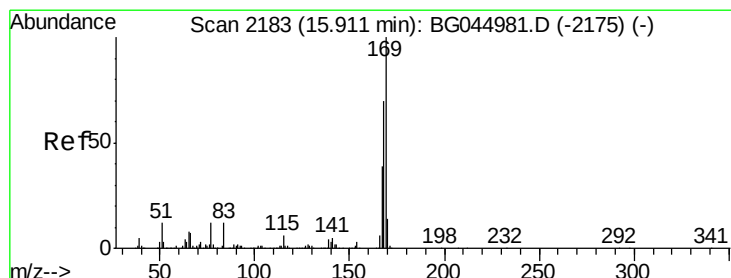
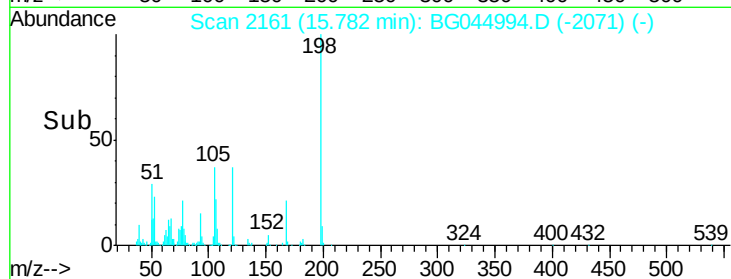
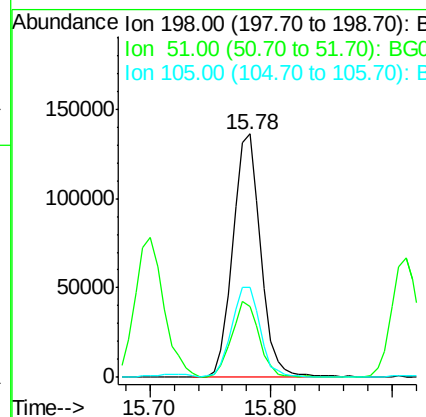
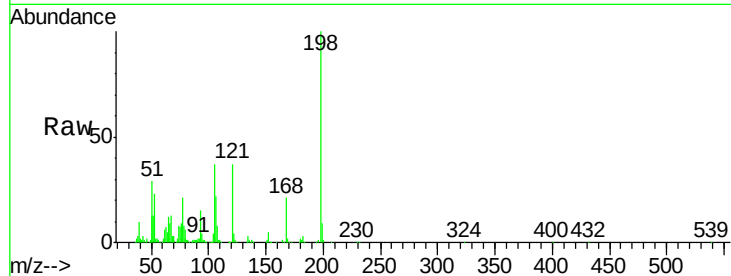
ClientSampleId :

TR-04-041420MSD

Tot Ion:	198	Resp:	218331
Ion Ratio	Lower	Upper	
198	100		
51	29.0	10.0	50.0
105	36.8	18.9	58.9

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#66

n-Nitrosodiphenylamine

Concen: 51.193 ng

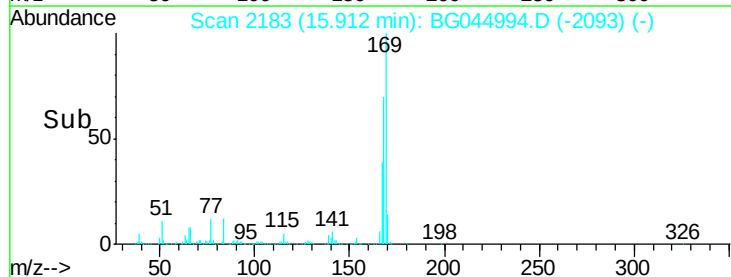
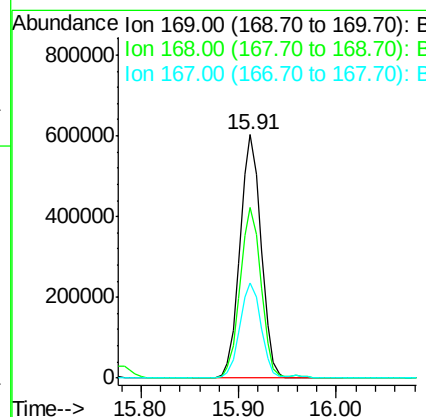
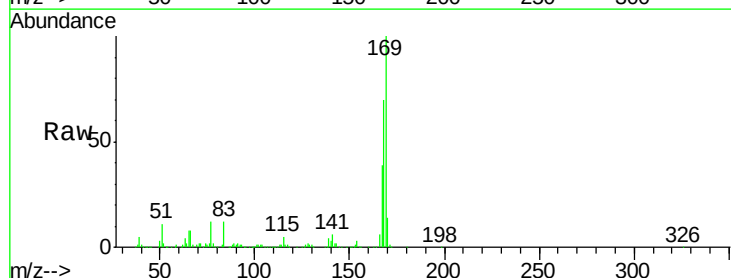
RT: 15.91 min Scan# 2183

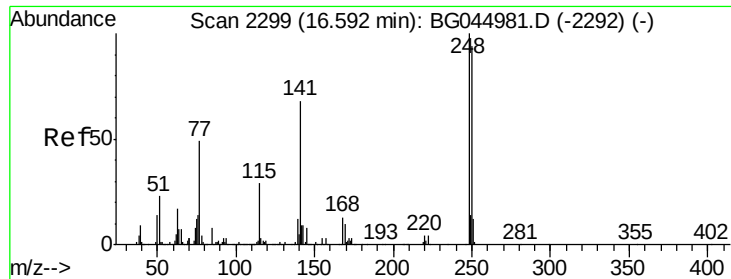
Delta R.T. 0.00 min

Lab File: BG044994.D

Acq: 15 Apr 2020 22:56

Tgt Ion:	169	Resp:	902461
Ion Ratio	Lower	Upper	
169	100		
168	70.1	55.8	83.8
167	39.3	30.8	46.2





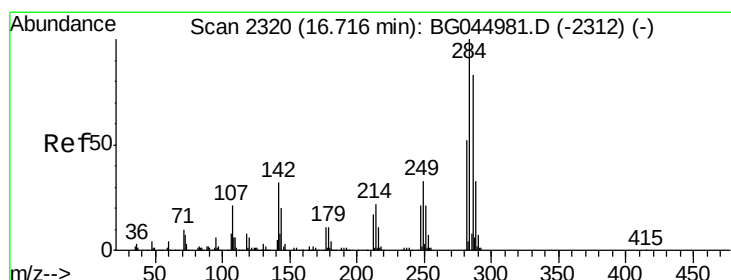
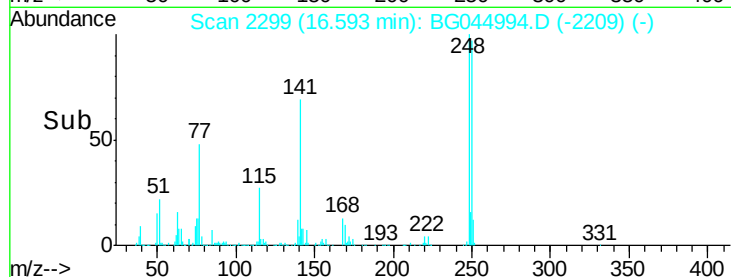
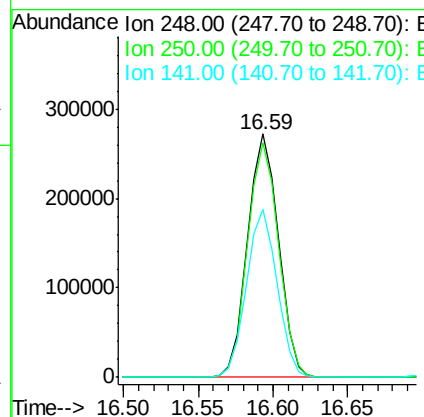
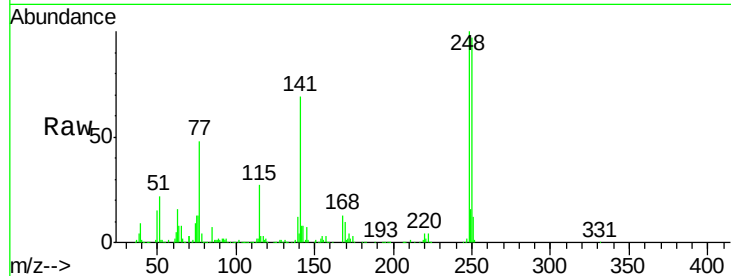
#67
 4-Bromophenyl-phenylether
 Concen: 49.231 ng
 RT: 16.59 min Scan# 2299
 Delta R.T. 0.00 min
 Lab File: BG044994.D
 Acq: 15 Apr 2020 22:56

Instrument :
 BNA_G
 ClientSampleId :
 TR-04-041420MSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.6	75.4	113.2
141	68.8	54.4	81.6

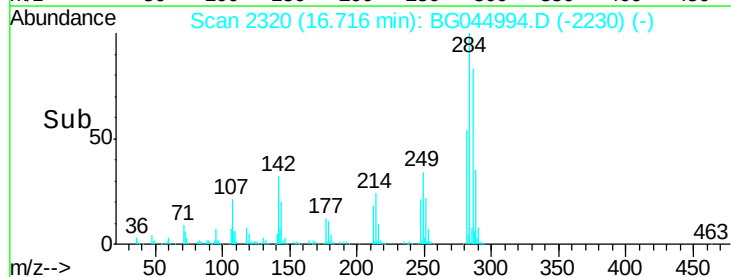
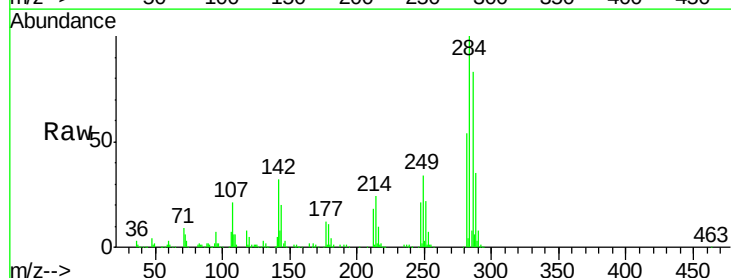
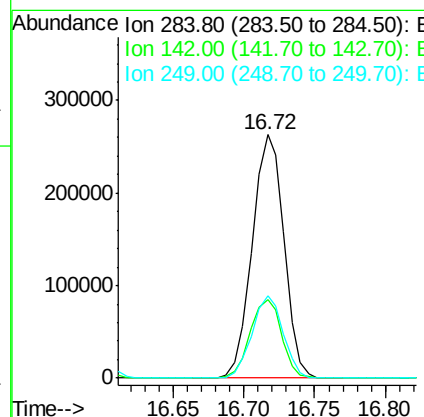
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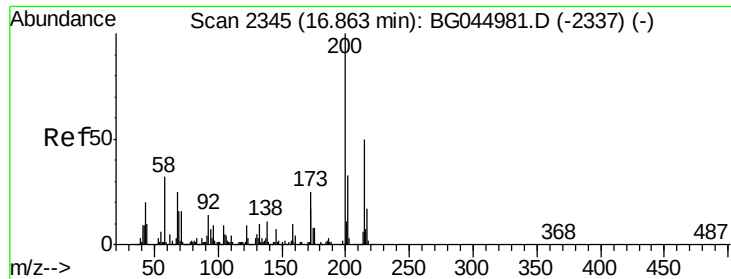
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#68
 Hexachlorobenzene
 Concen: 50.554 ng
 RT: 16.72 min Scan# 2320
 Delta R.T. 0.00 min
 Lab File: BG044994.D
 Acq: 15 Apr 2020 22:56

Tgt Ion	Ratio	Lower	Upper
284	100		
142	32.4	25.8	38.6
249	33.9	26.6	39.8





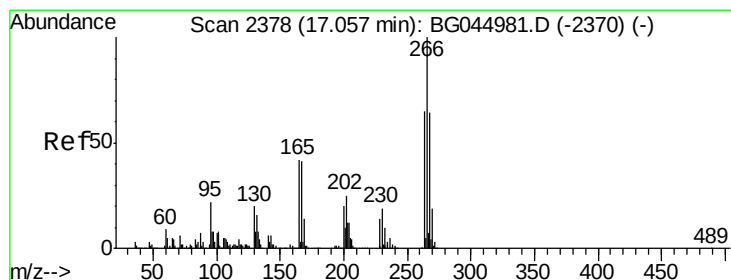
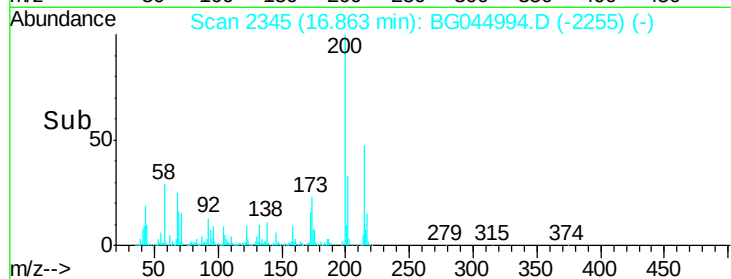
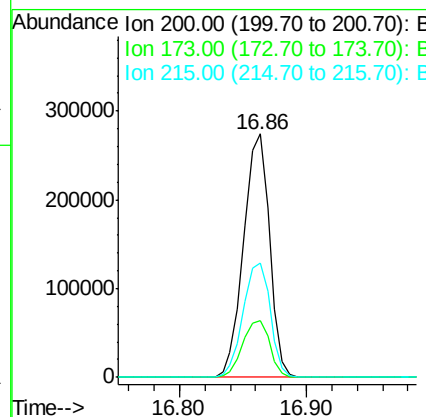
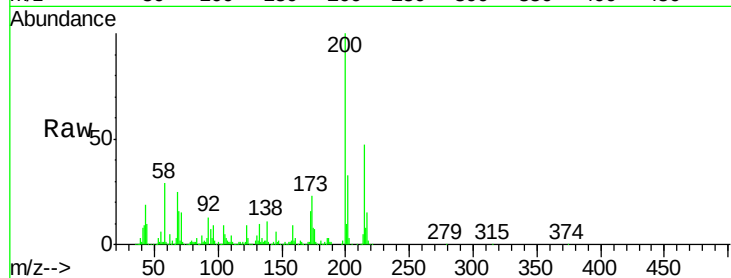
#69
Atrazine
Concen: 62.261 ng
RT: 16.86 min Scan# 2345
Delta R.T. 0.00 min
Lab File: BG044994.D
Acq: 15 Apr 2020 22:56

Instrument :
BNA_G
ClientSampleId :
TR-04-041420MSD

Tot Ion	Ratio	Resp	Lower	Upper
200	100	388539		
173	23.5		4.5	44.5
215	47.1		30.0	70.0

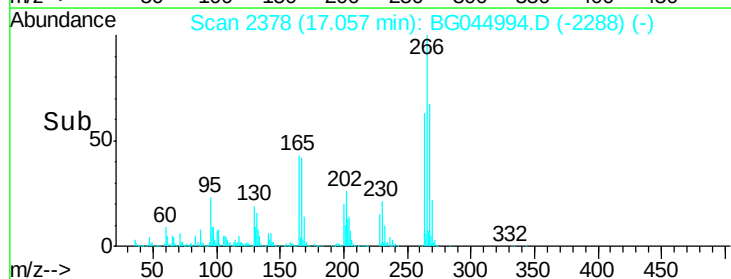
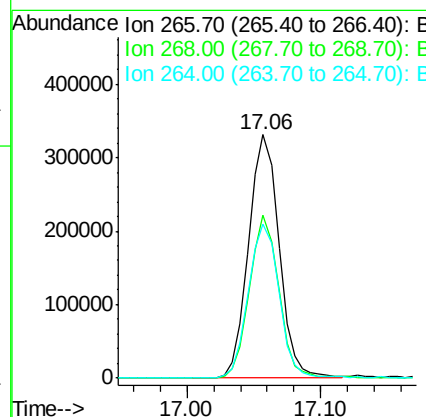
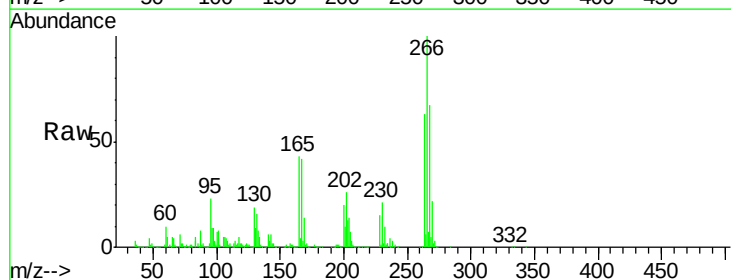
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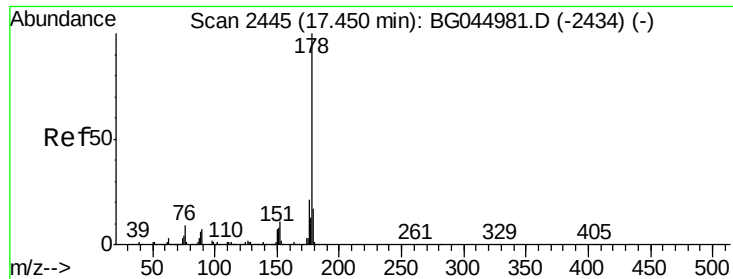
mohammad
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#70
Pentachlorophenol
Concen: 103.778 ng
RT: 17.06 min Scan# 2378
Delta R.T. 0.00 min
Lab File: BG044994.D
Acq: 15 Apr 2020 22:56

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	522623		
268	66.9		51.5	77.3
264	63.1		52.2	78.4





#71

Phenanthrene

Concen: 51.535 ng

RT: 17.44 min Scan# 2444

Delta R.T. -0.01 min

Lab File: BG044994.D

Acq: 15 Apr 2020 22:56

Instrument :

BNA_G

ClientSampleId :

TR-04-041420MSD

Tot Ion:178 Resp: 1624848

Ion Ratio Lower Upper

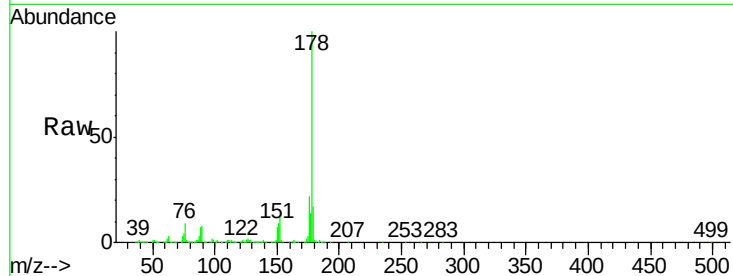
178 100

176 22.0 16.8 25.2

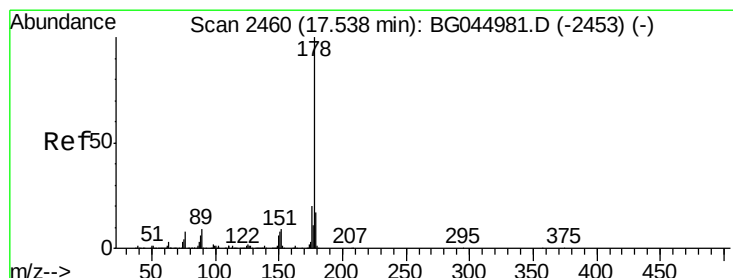
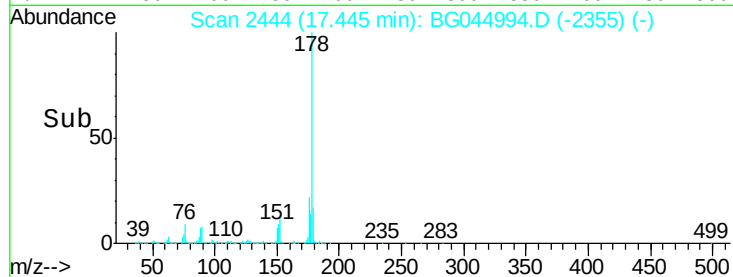
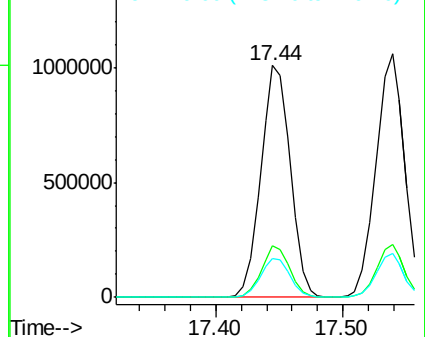
179 17.0 13.2 19.8

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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 52.436 ng

RT: 17.54 min Scan# 2460

Delta R.T. 0.00 min

Lab File: BG044994.D

Acq: 15 Apr 2020 22:56

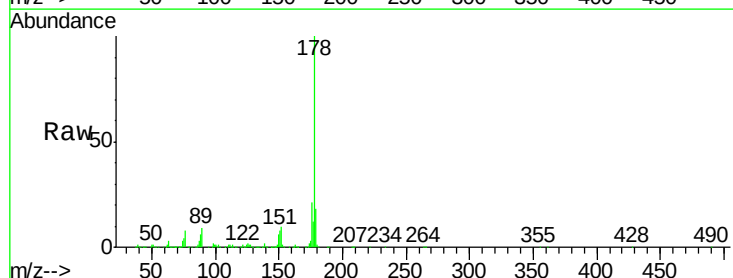
Tgt Ion:178 Resp: 1658380

Ion Ratio Lower Upper

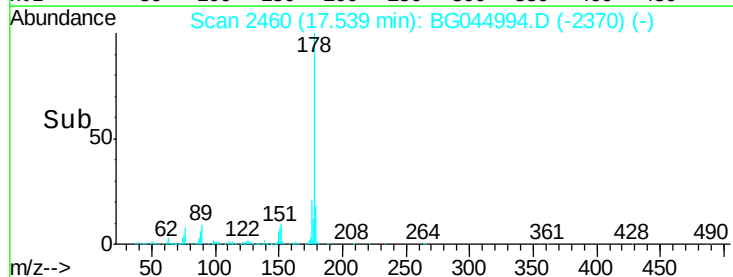
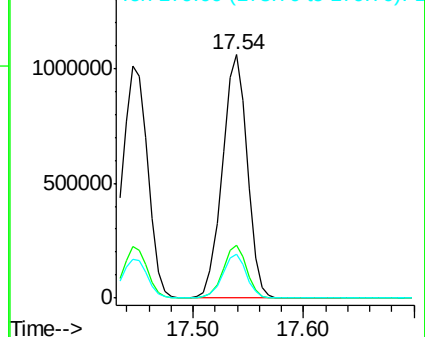
178 100

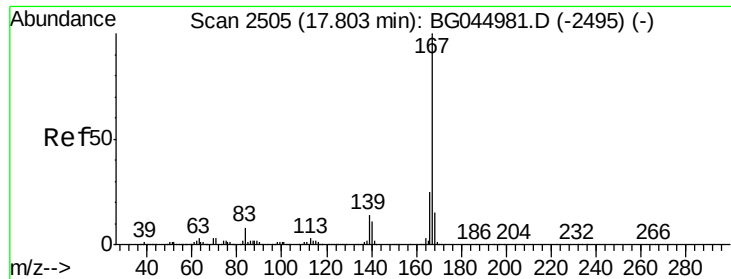
176 21.5 16.0 24.0

179 17.9 13.6 20.4



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 48.483 ng

RT: 17.80 min Scan# 2505

Delta R.T. 0.00 min

Lab File: BG044994.D

Acq: 15 Apr 2020 22:56

Instrument :

BNA_G

ClientSampleId :

TR-04-041420MSD

Tot Ion:167 Resp: 1556045

Ion Ratio Lower Upper

167 100

166 25.4 19.8 29.6

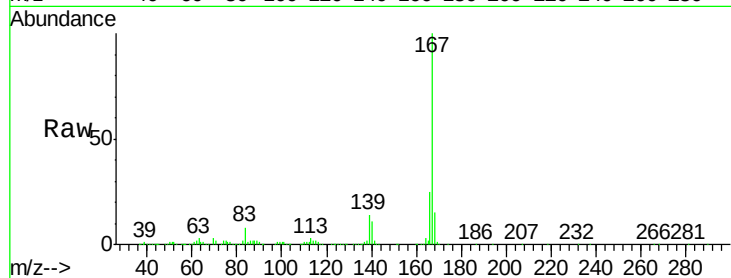
139 14.2 10.9 16.3

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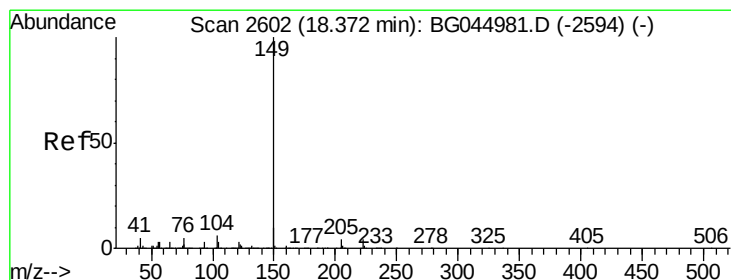
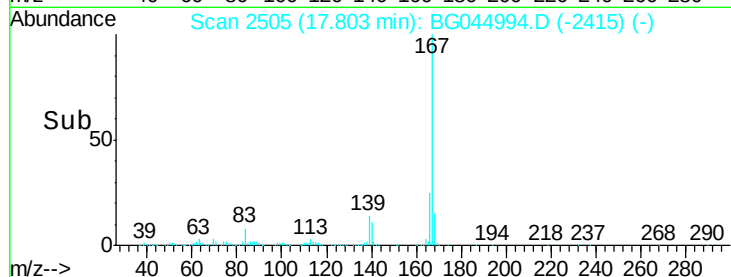
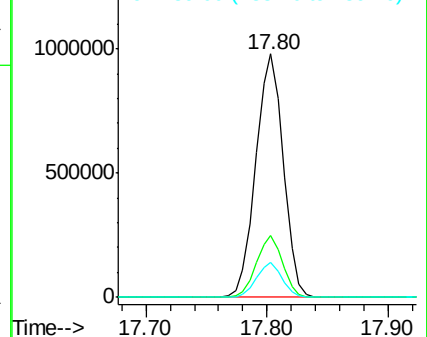
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Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 53.373 ng

RT: 18.37 min Scan# 2601

Delta R.T. -0.00 min

Lab File: BG044994.D

Acq: 15 Apr 2020 22:56

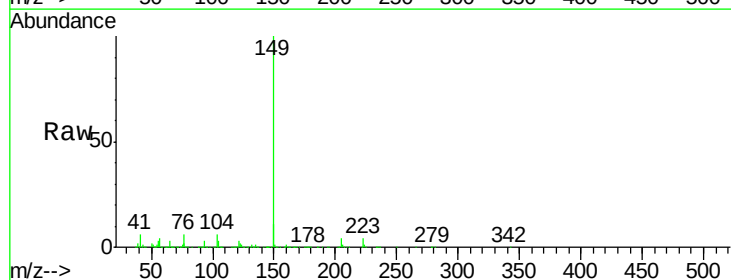
Tgt Ion:149 Resp: 1825234

Ion Ratio Lower Upper

149 100

150 10.7 8.2 12.2

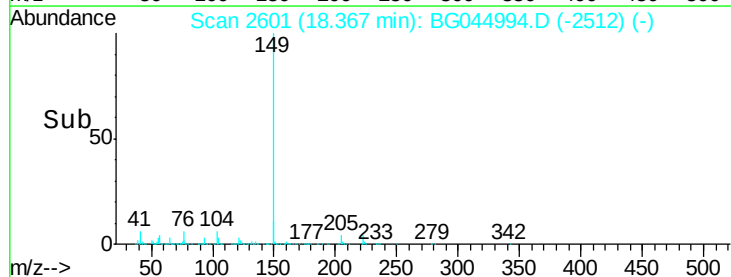
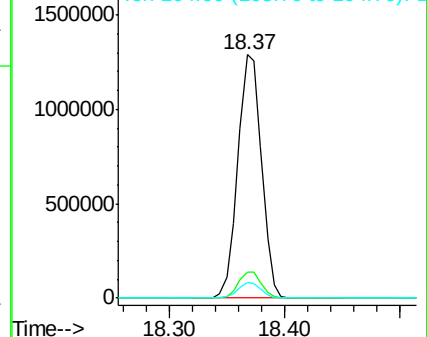
104 6.4 4.8 7.2

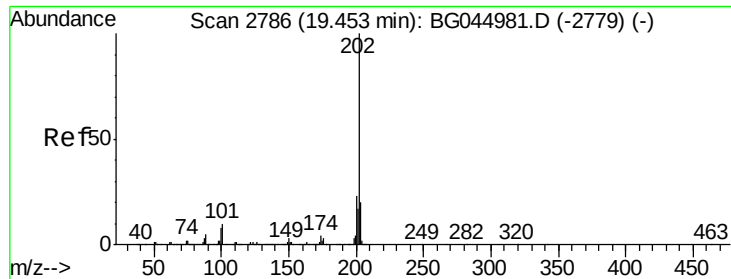


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





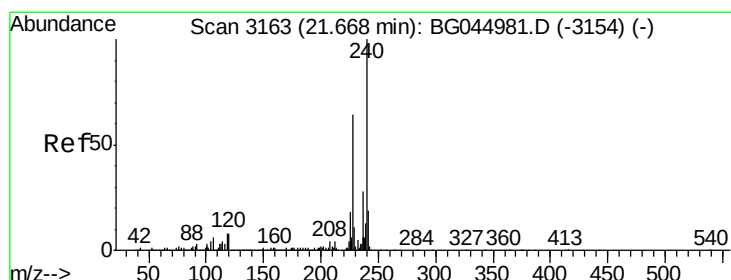
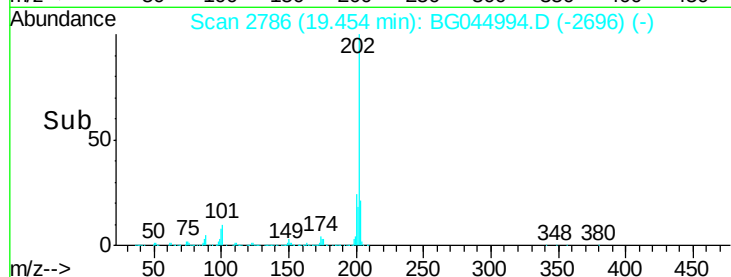
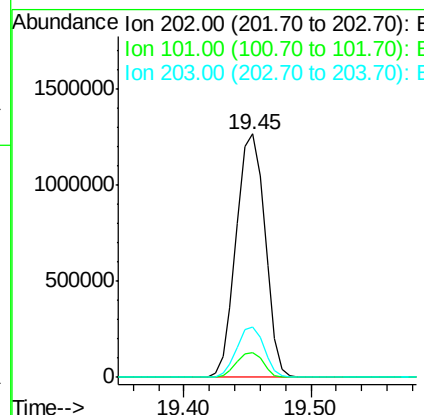
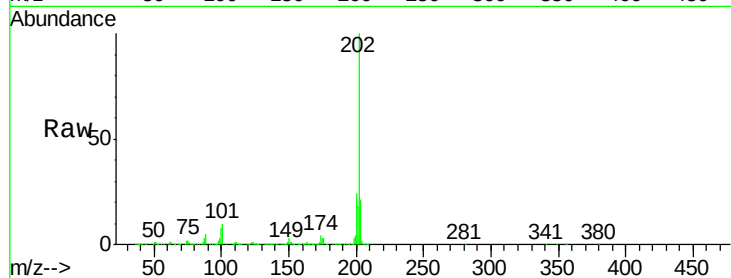
#75
Fluoranthene
Concen: 55.253 ng
RT: 19.45 min Scan# 2786
Delta R.T. 0.00 min
Lab File: BG044994.D
Acq: 15 Apr 2020 22:56

Instrument :
BNA_G
ClientSampleId :
TR-04-041420MSD

Tot Ion	Ratio	Lower	Upper
202	100		
101	10.0	0.0	29.6
203	20.9	0.0	39.7

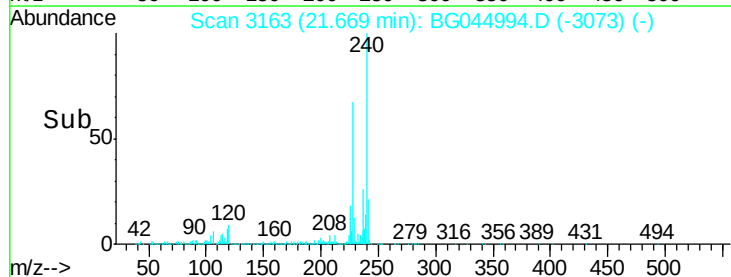
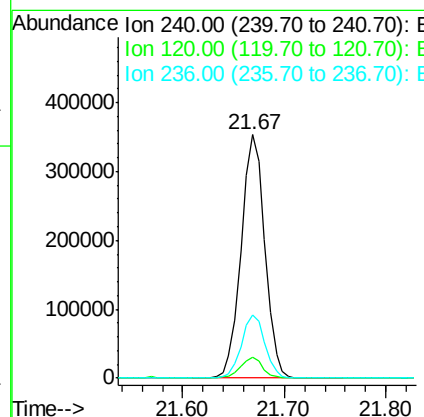
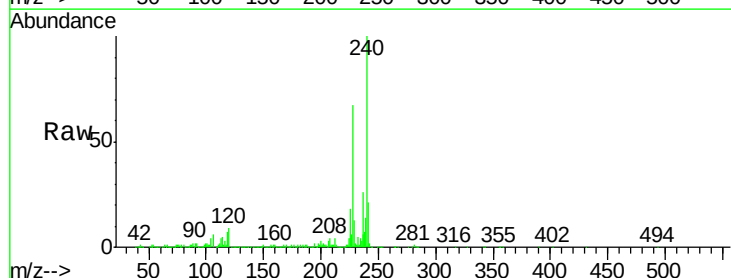
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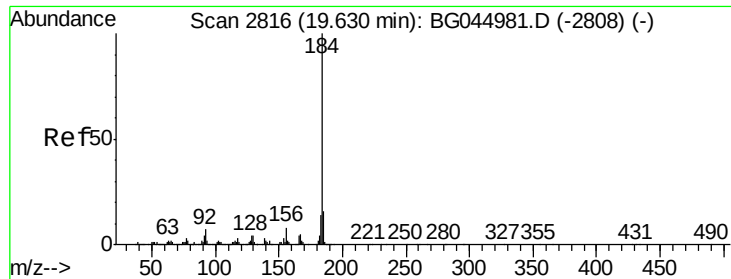
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#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.67 min Scan# 3163
Delta R.T. 0.00 min
Lab File: BG044994.D
Acq: 15 Apr 2020 22:56

Tgt Ion	Ratio	Lower	Upper
240	100		
120	8.6	6.6	10.0
236	26.2	22.2	33.2





#77

Benzidine

Concen: 28.326 ng

RT: 19.62 min Scan# 2815

Delta R.T. -0.00 min

Lab File: BG044994.D

Acq: 15 Apr 2020 22:56

Instrument :

BNA_G

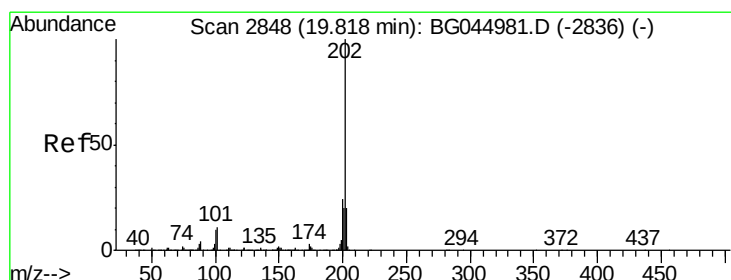
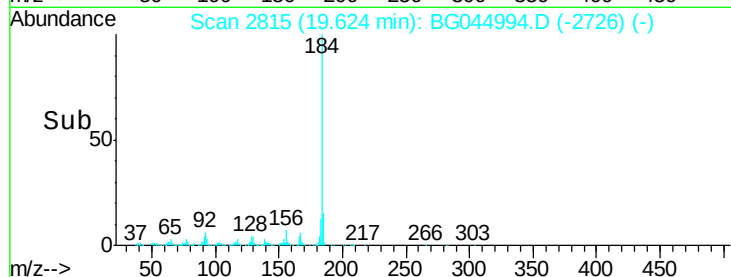
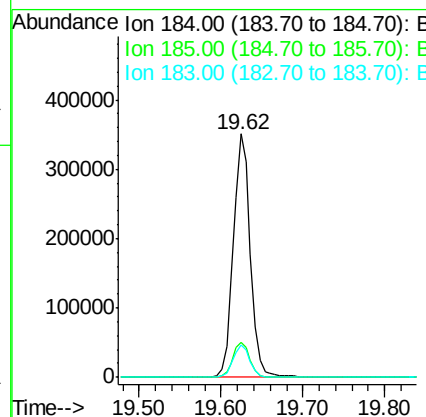
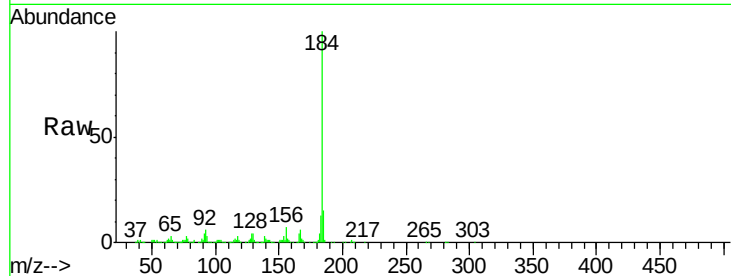
ClientSampleId :

TR-04-041420MSD

Tot Ion:	184	Resp:	505225
Ion Ratio		Lower	Upper
184	100		
185	14.6	12.6	19.0
183	13.4	11.3	16.9

Manual Integrations
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#78

Pyrene

Concen: 50.067 ng

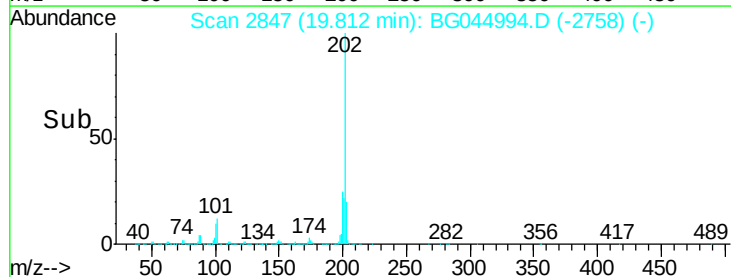
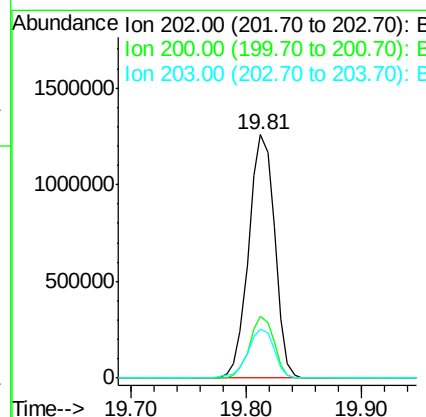
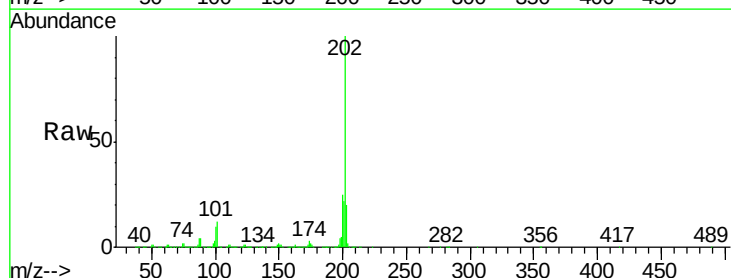
RT: 19.81 min Scan# 2847

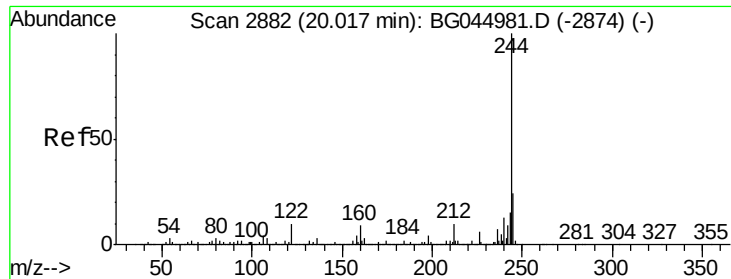
Delta R.T. -0.01 min

Lab File: BG044994.D

Acq: 15 Apr 2020 22:56

Tgt Ion:	202	Resp:	1971922
Ion Ratio		Lower	Upper
202	100		
200	25.3	19.0	28.6
203	20.4	16.1	24.1





#79

Terphenyl-d14

Concen: 104.888 ng

RT: 20.02 min Scan# 2882

Delta R.T. 0.00 min

Lab File: BG044994.D

Acq: 15 Apr 2020 22:56

Instrument :

BNA_G

ClientSampleId :

TR-04-041420MSD

Tot Ion:244 Resp: 2749249

Ion Ratio Lower Upper

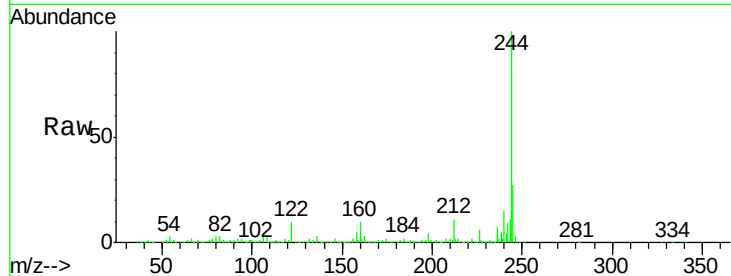
244 100

212 10.8 7.9 11.9

122 10.0 7.7 11.5

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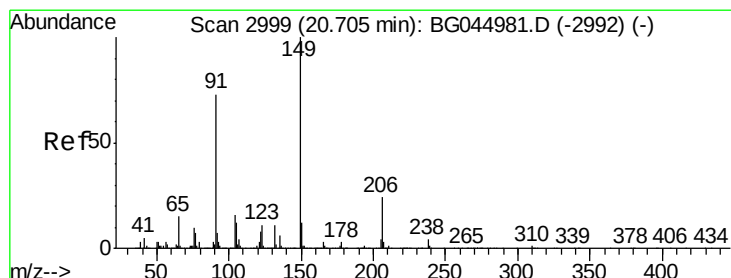
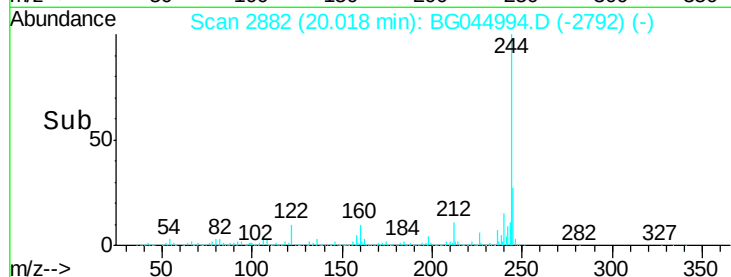
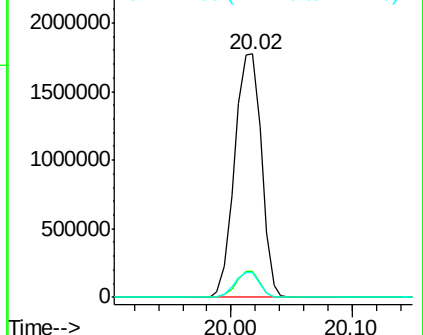
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 51.429 ng

RT: 20.71 min Scan# 2999

Delta R.T. 0.00 min

Lab File: BG044994.D

Acq: 15 Apr 2020 22:56

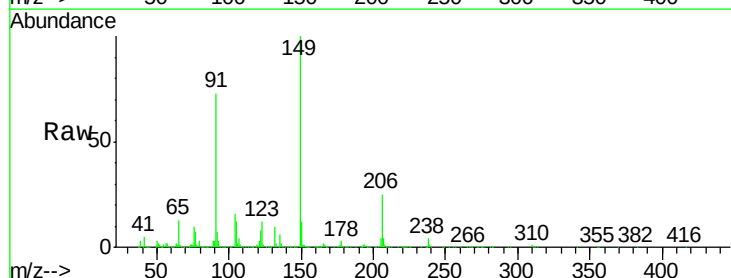
Tgt Ion:149 Resp: 839619

Ion Ratio Lower Upper

149 100

91 72.6 58.5 87.7

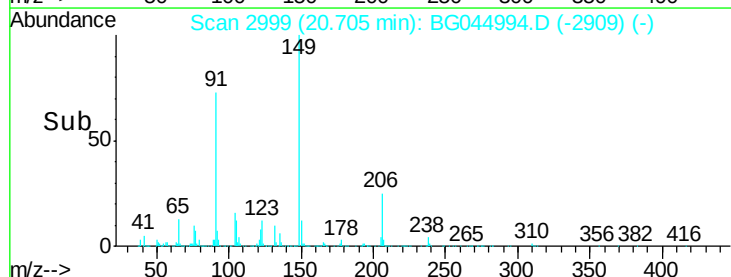
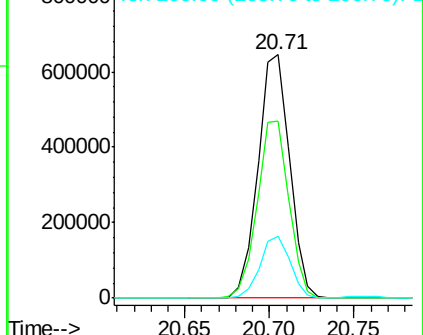
206 25.5 19.2 28.8

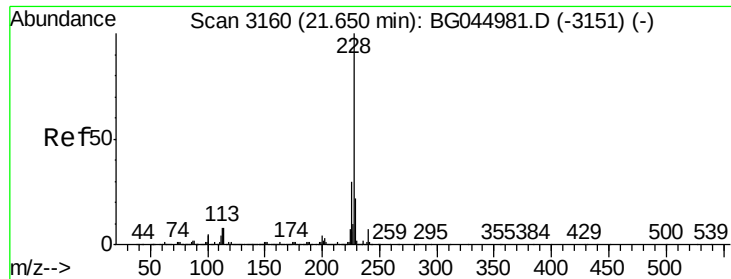


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





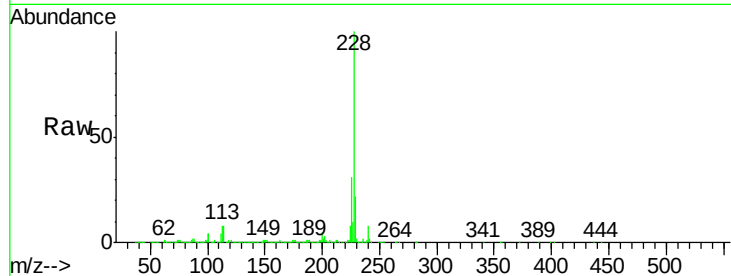
#81
Benzo(a)anthracene
Concen: 51.574 ng
RT: 21.65 min Scan# 3160
Delta R.T. 0.00 min
Lab File: BG044994.D
Acq: 15 Apr 2020 22:56

Instrument :
BNA_G
ClientSampleId :
TR-04-041420MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.1	24.0	36.0
229	22.1	17.5	26.3

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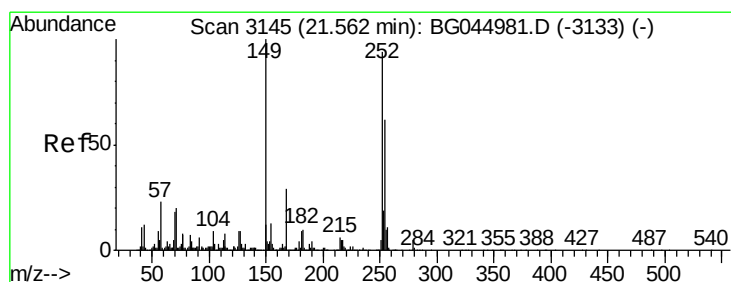
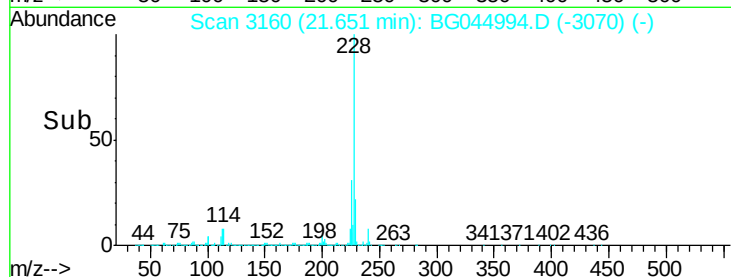
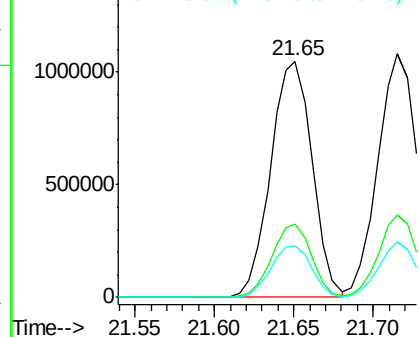


Abundance

Ion 228.00 (227.70 to 228.70): E

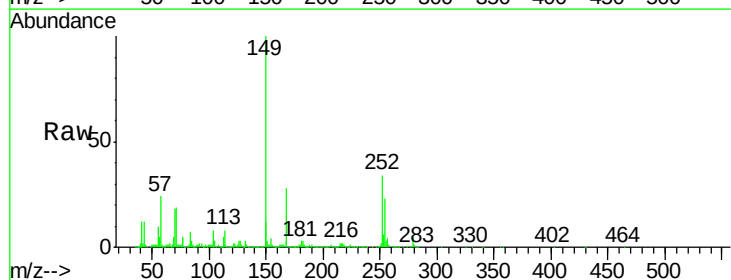
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82
3,3'-Dichlorobenzidine
Concen: 23.126 ng
RT: 21.56 min Scan# 3145
Delta R.T. 0.00 min
Lab File: BG044994.D
Acq: 15 Apr 2020 22:56

Tgt Ion	Ratio	Lower	Upper
252	100		
254	69.1	52.6	79.0
126	8.9	7.5	11.3

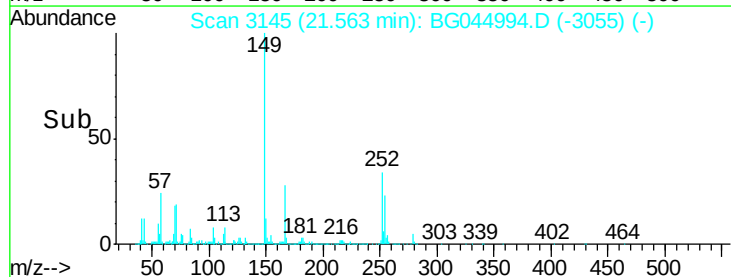
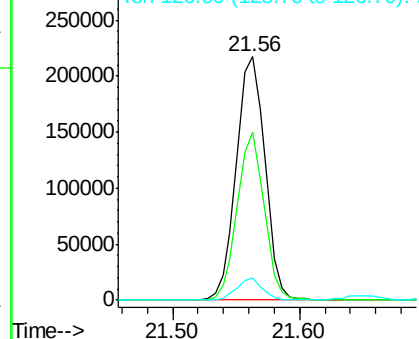


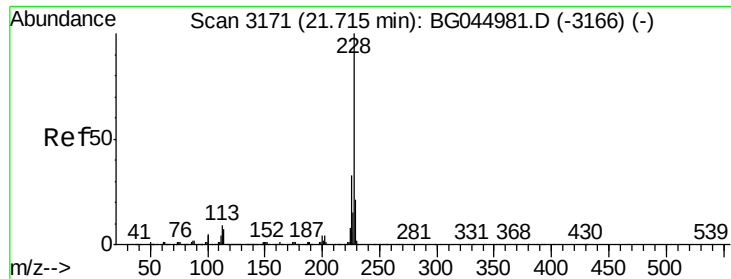
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





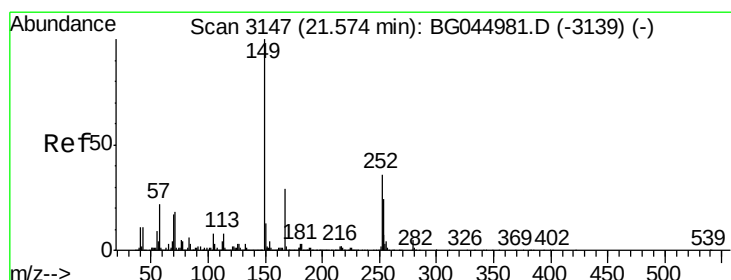
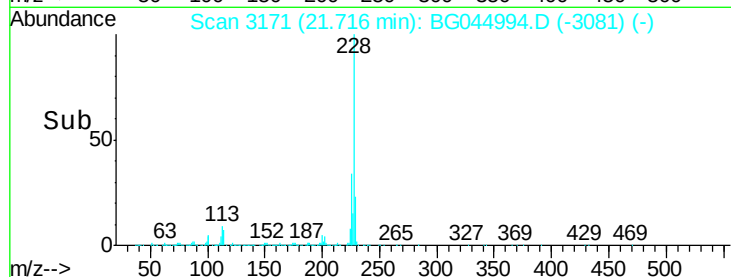
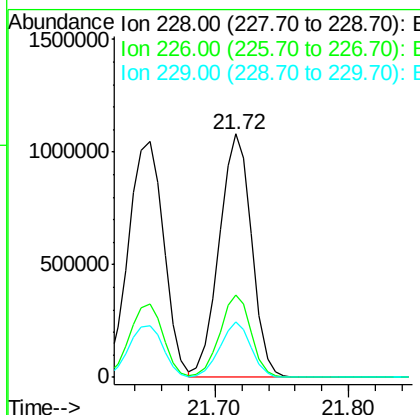
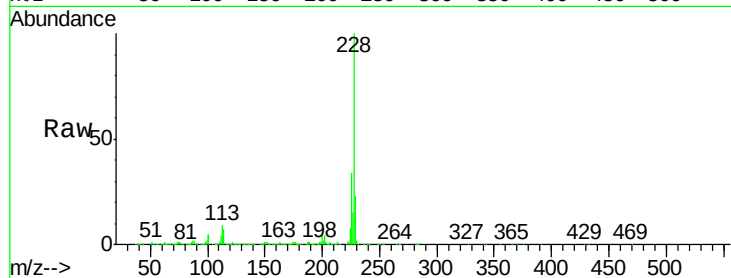
#83
 Chrysene
 Concen: 51.672 ng
 RT: 21.72 min Scan# 3171
 Delta R.T. 0.00 min
 Lab File: BG044994.D
 Acq: 15 Apr 2020 22:56

Instrument :
 BNA_G
 ClientSampleId :
 TR-04-041420MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	34.0	26.2	39.4
229	22.9	17.0	25.6

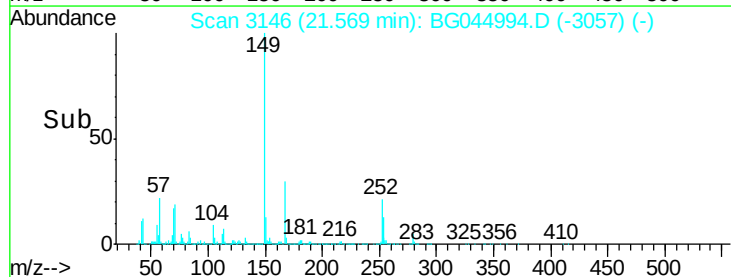
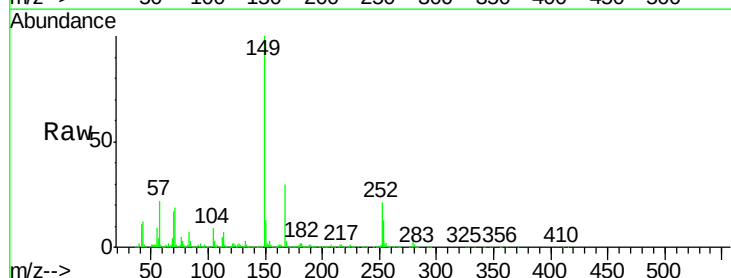
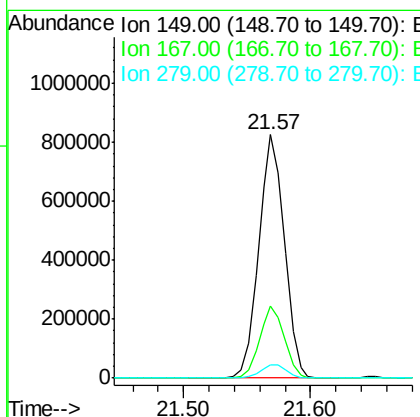
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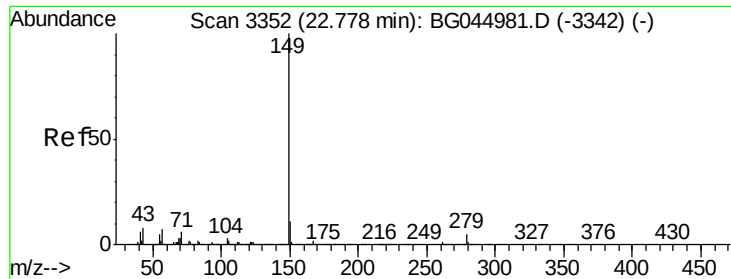
mohammad
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 51.759 ng
 RT: 21.57 min Scan# 3146
 Delta R.T. -0.01 min
 Lab File: BG044994.D
 Acq: 15 Apr 2020 22:56

Tgt Ion	Ratio	Lower	Upper
149	100		
167	29.7	23.4	35.0
279	5.5	4.3	6.5





#85

Di-n-octyl phthalate

Concen: 51.102 ng

RT: 22.78 min Scan# 3352

Delta R.T. 0.00 min

Lab File: BG044994.D

Acq: 15 Apr 2020 22:56

Instrument :

BNA_G

ClientSampleId :

TR-04-041420MSD

Tot Ion:149 Resp: 1984195

Ion Ratio Lower Upper

149 100

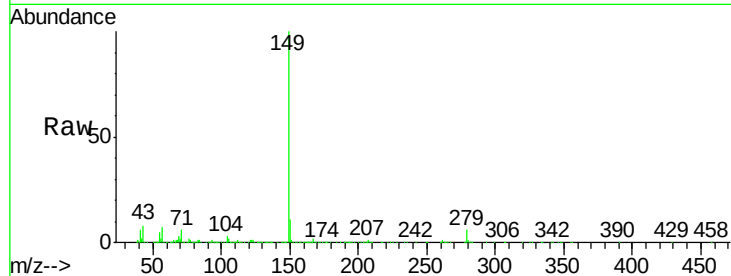
167 1.8 1.4 2.2

43 7.5 5.7 8.5

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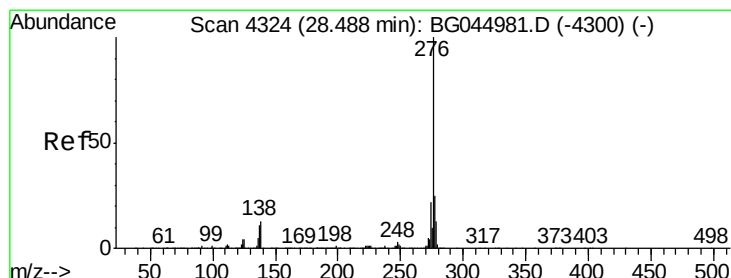
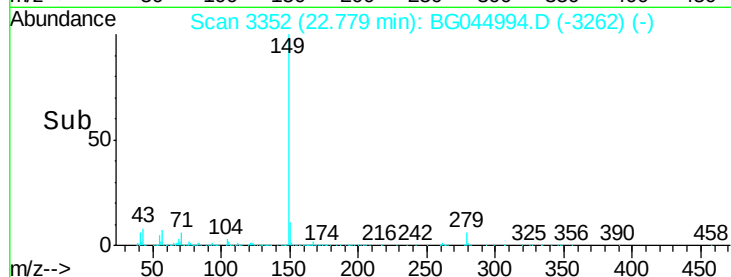
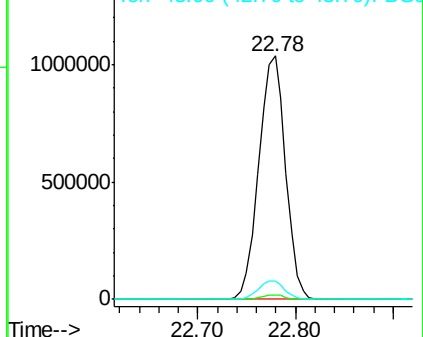
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): B



#86

Indeno(1,2,3-cd)pyrene

Concen: 53.764 ng

RT: 28.48 min Scan# 4322

Delta R.T. -0.01 min

Lab File: BG044994.D

Acq: 15 Apr 2020 22:56

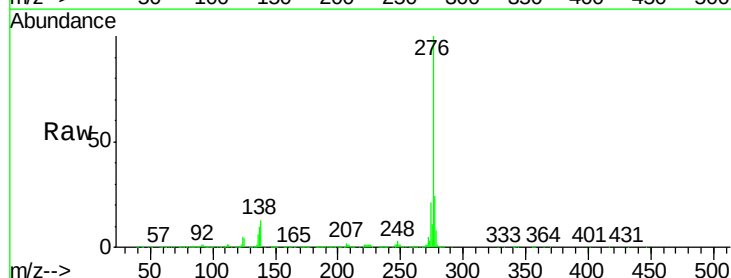
Tgt Ion:276 Resp: 2539578

Ion Ratio Lower Upper

276 100

138 11.5 9.6 14.4

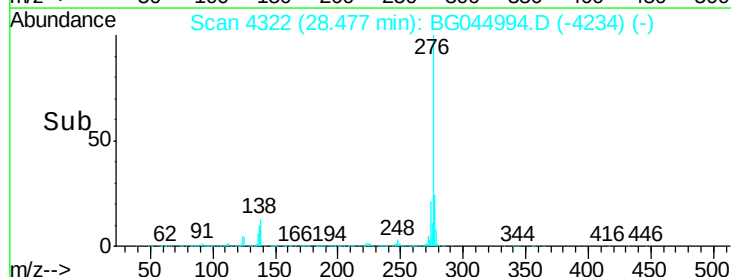
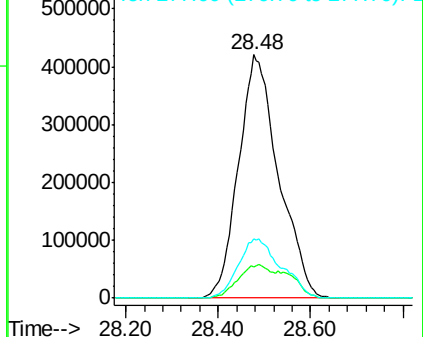
277 26.0 20.6 31.0

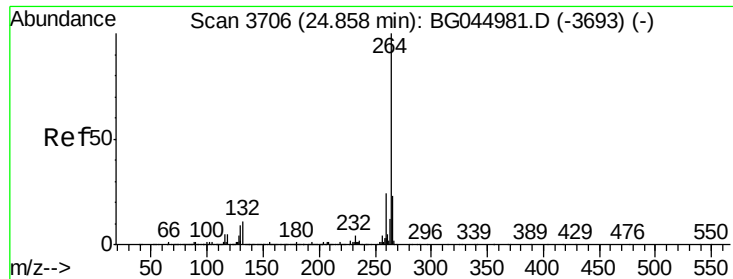


Abundance Ion 276.00 (275.70 to 276.70): E

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: 24.85 min Scan# 3705

Delta R.T. -0.01 min

Lab File: BG044994.D

Acq: 15 Apr 2020 22:56

Instrument :

BNA_G

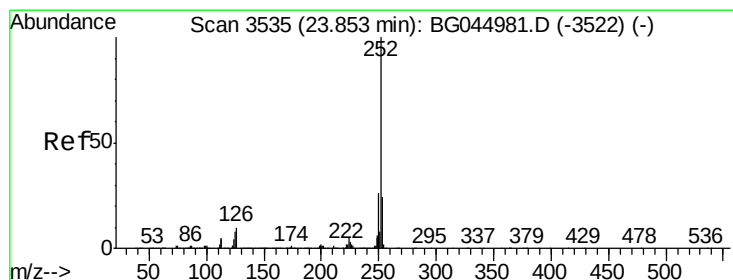
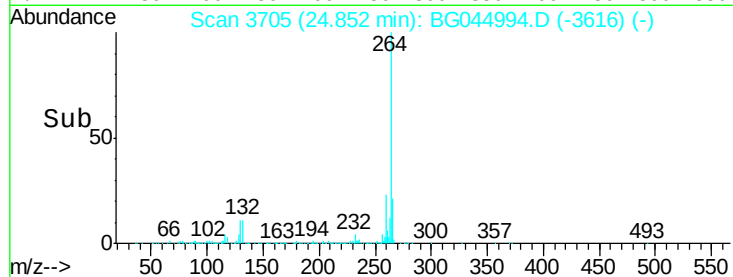
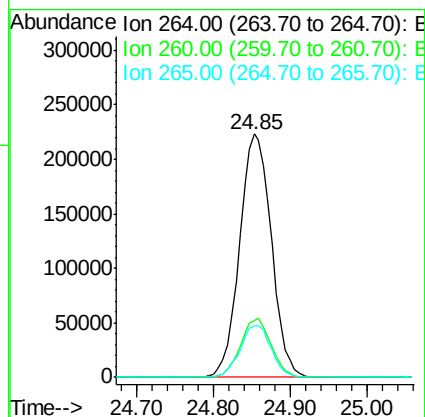
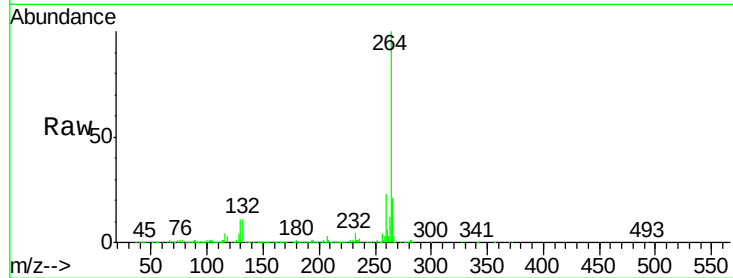
ClientSampleId :

TR-04-041420MSD

Tot Ion:	264	Resp:	642289
Ion Ratio	Lower	Upper	
264	100		
260	23.3	19.2	28.8
265	21.1	19.0	28.4

Manual Integrations
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#88

Benzo(b)fluoranthene

Concen: 52.033 ng

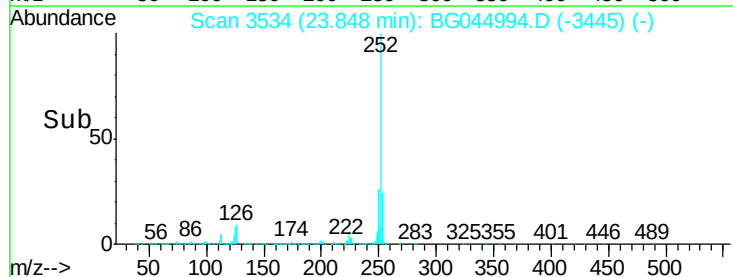
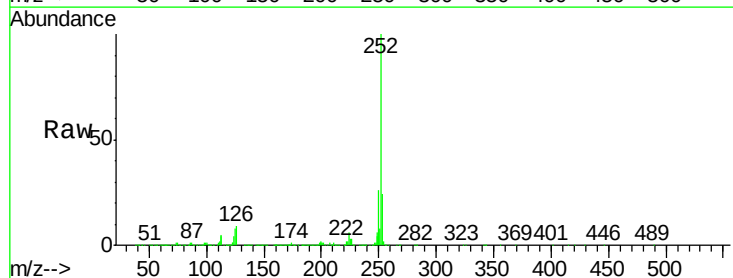
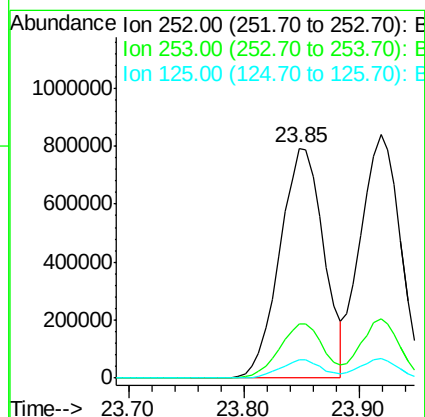
RT: 23.85 min Scan# 3534

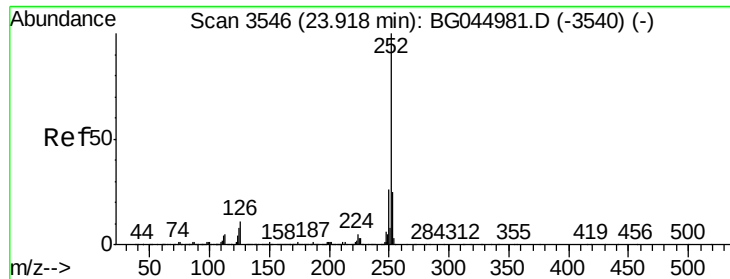
Delta R.T. -0.01 min

Lab File: BG044994.D

Acq: 15 Apr 2020 22:56

Tgt Ion:	252	Resp:	2093412
Ion Ratio	Lower	Upper	
252	100		
253	23.6	18.8	28.2
125	7.9	6.2	9.4





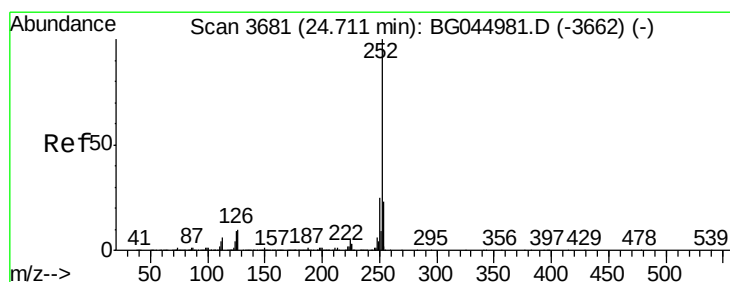
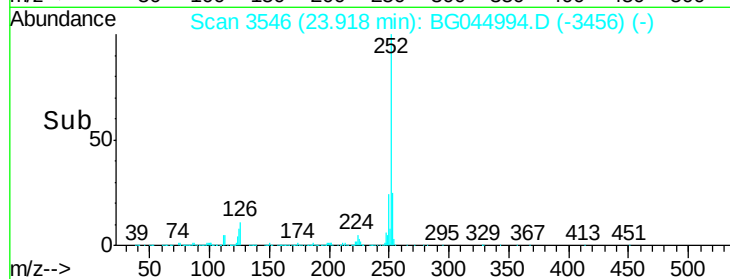
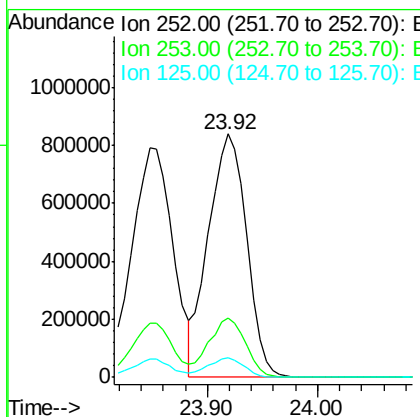
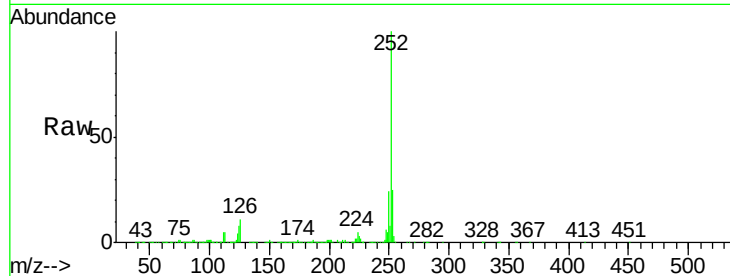
#89
Benzo(k)fluoranthene
Concen: 52.520 ng
RT: 23.92 min Scan# 3546
Delta R.T. 0.00 min
Lab File: BG044994.D
Acq: 15 Apr 2020 22:56

Instrument :
BNA_G
ClientSampleId :
TR-04-041420MSD

Tot Ion:252 Resp: 2009490
Ion Ratio Lower Upper
252 100
253 24.6 19.2 28.8
125 7.8 5.9 8.9

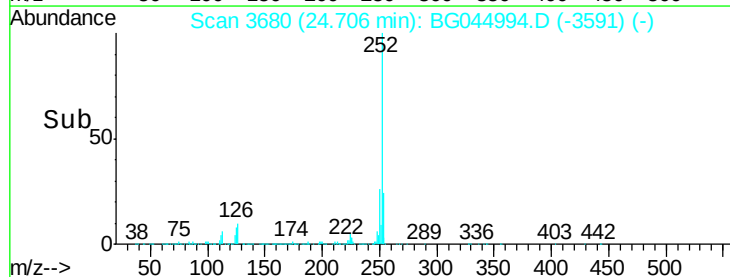
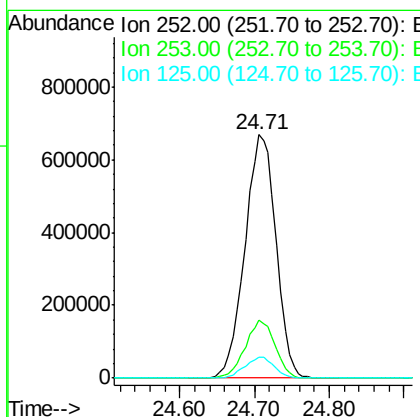
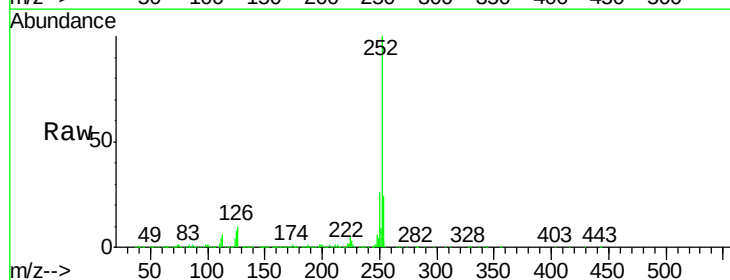
Manual Integrations
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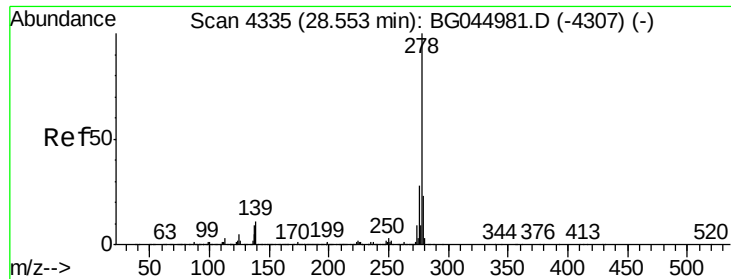
mohammad
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#90
Benzo(a)pyrene
Concen: 50.704 ng
RT: 24.71 min Scan# 3680
Delta R.T. -0.01 min
Lab File: BG044994.D
Acq: 15 Apr 2020 22:56

Tgt Ion:252 Resp: 1926042
Ion Ratio Lower Upper
252 100
253 23.7 18.3 27.5
125 8.4 7.0 10.6





#91

Dibenzo(a,h)anthracene

Concen: 53.538 ng

RT: 28.56 min Scan# 4336

Delta R.T. 0.01 min

Lab File: BG044994.D

Acq: 15 Apr 2020 22:56

Instrument :

BNA_G

ClientSampleId :

TR-04-041420MSD

Tot Ion:278 Resp: 2049239

Ion Ratio Lower Upper

278 100

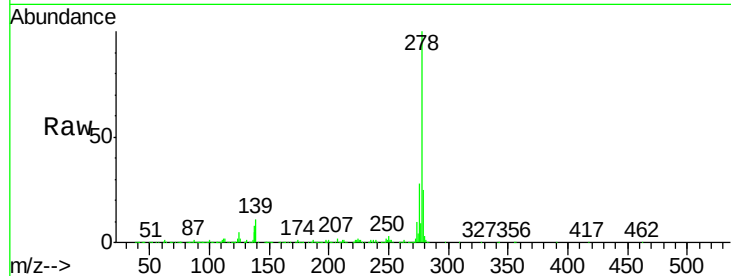
139 11.1 9.0 13.6

279 24.9 18.4 27.6

Manual Integrations
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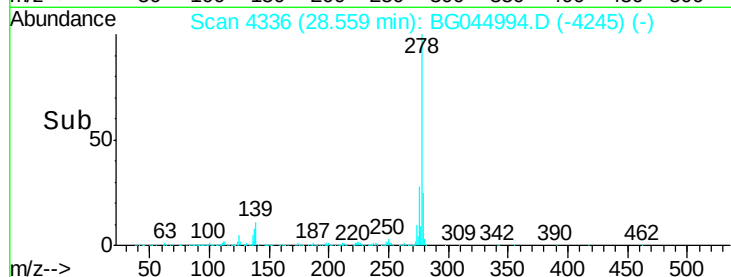


Abundance Ion 278.00 (277.70 to 278.70): E

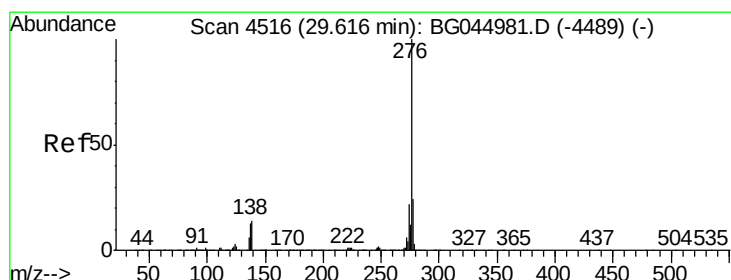
Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

28.56



Time--> 28.20 28.40 28.60



#92

Benzo(g,h,i)perylene

Concen: 53.937 ng

RT: 29.61 min Scan# 4515

Delta R.T. -0.01 min

Lab File: BG044994.D

Acq: 15 Apr 2020 22:56

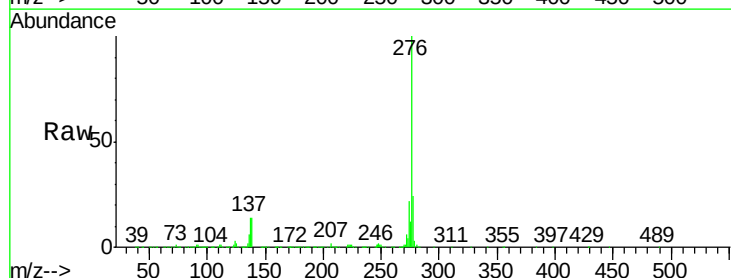
Tgt Ion:276 Resp: 2069788

Ion Ratio Lower Upper

276 100

277 23.9 19.3 28.9

138 14.3 11.4 17.2

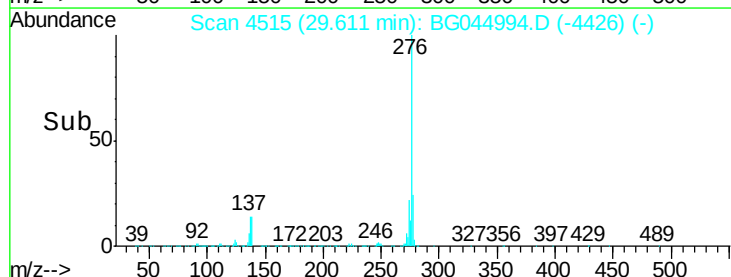


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

29.61



Time--> 29.40 29.60 29.80