

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070119\
 Data File : BG041554.D
 Acq On : 1 Jul 2019 11:54
 Operator : HP/JU
 Sample : K3601-03MSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RBR-200027MSD

Manual Integrations
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mohammad
 7/3/2019 9:47:12 AM

Quant Time: Jul 02 04:46:57 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG062619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 27 13:25:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	32090	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	112490	20.00	ng	0.00
39) Acenaphthene-d10	14.68	164	80329	20.00	ng	0.00
64) Phenanthrene-d10	17.43	188	220209	20.00	ng	0.00
76) Chrysene-d12	21.70	240	251141	20.00	ng	0.00
87) Perylene-d12	24.98	264	281255	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	225130	125.08	ng	0.00
7) Phenol-d6	7.19	99	319747	126.19	ng	0.00
23) Nitrobenzene-d5	9.21	82	223097	82.72	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	179985	131.23	ng	0.00
45) 2-Fluorobiphenyl	13.30	172	474909	75.87	ng	0.00
79) Terphenyl-d14	20.02	244	1007474	85.25	ng	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	3.41	88	25529	31.333 ng	97
3) Pyridine	3.82	79	60220	29.130 ng	98
4) n-Nitrosodimethylamine	3.75	42	43856	38.124 ng	95
6) Aniline	7.36	93	84976	26.018 ng	92
8) 2-Chlorophenol	7.59	128	81711	40.479 ng	94
9) Benzaldehyde	7.17	77	55844	36.494 ng	95
10) Phenol	7.22	94	103400	40.491 ng	98
11) bis(2-Chloroethyl)ether	7.45	93	70646	34.884 ng	99
12) 1,3-Dichlorobenzene	7.91	146	89797	34.388 ng	98
13) 1,4-Dichlorobenzene	8.07	146	92674	35.205 ng	98
14) 1,2-Dichlorobenzene	8.38	146	88438	35.088 ng	98
15) Benzyl Alcohol	8.28	79	81829	40.552 ng	97
16) 2,2'-oxybis(1-Chloropropan	8.55	45	90015	31.652 ng	98
17) 2-Methylphenol	8.48	107	72646	39.080 ng	99
18) Hexachloroethane	9.11	117	34567	33.280 ng	96
19) n-Nitroso-di-n-propylamine	8.84	70	63948	33.835 ng	94
20) 3+4-Methylphenols	8.81	107	96812	39.075 ng	99
22) Acetophenone	8.87	105	130529	38.684 ng	99
24) Nitrobenzene	9.26	77	106367	39.289 ng	96
25) Isophorone	9.77	82	183682	37.932 ng	98
26) 2-Nitrophenol	9.97	139	45424	40.176 ng	95
27) 2,4-Dimethylphenol	10.02	122	74180	47.141 ng	98
28) bis(2-Chloroethoxy)methane	10.25	93	96893	37.840 ng	99
29) 2,4-Dichlorophenol	10.50	162	92606	43.570 ng	98
30) 1,2,4-Trichlorobenzene	10.71	180	101943	37.422 ng	99
31) Naphthalene	10.90	128	242958	39.054 ng	99
32) Benzoic acid	10.14	122	6178	12.152 ng	# 75
33) 4-Chloroaniline	11.02	127	64221	24.524 ng	98
34) Hexachlorobutadiene	11.16	225	78115	36.124 ng	95
35) Caprolactam	11.82	113	26901m	40.535 ng	
36) 4-Chloro-3-methylphenol	12.14	107	96999	42.120 ng	94
37) 2-Methylnaphthalene	12.51	142	179192	38.989 ng	97
38) 1-Methylnaphthalene	12.73	142	166555	37.986 ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.87	216	137983	39.009 ng	98

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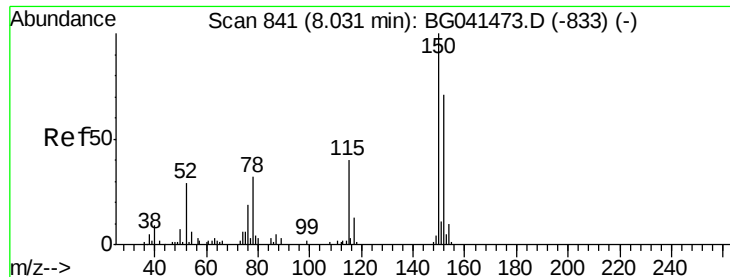
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG062619.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	153420	79.945	nq	95
43) 2,4,6-Trichlorophenol	13.11	196	85462	40.723	nq	96
44) 2,4,5-Trichlorophenol	13.20	196	92214	44.105	nq	94
46) 1,1'-Biphenyl	13.51	154	243643	38.423	nq	97
47) 2-Chloronaphthalene	13.56	162	204256	37.519	nq	98
48) 2-Nitroaniline	13.78	65	66853	36.226	nq	91
49) Acenaphthylene	14.40	152	320807	39.425	nq	100
50) Dimethylphthalate	14.13	163	339567	46.452	nq	98
51) 2,6-Dinitrotoluene	14.26	165	62953	40.580	nq	93
52) Acenaphthene	14.74	154	185486	38.440	nq	96
53) 3-Nitroaniline	14.60	138	41842	28.253	nq	93
54) 2,4-Dinitrophenol	14.81	184	41845	44.606	nq	93
55) Dibenzofuran	15.08	168	329576	39.233	nq	99
56) 4-Nitrophenol	14.91	139	89817	93.975	nq	97
57) 2,4-Dinitrotoluene	15.05	165	90311	40.129	nq	96
58) Fluorene	15.72	166	260944	39.046	nq	98
59) 2,3,4,6-Tetrachlorophenol	15.30	232	96160	43.628	nq	99
60) Diethylphthalate	15.48	149	282160	37.709	nq	98
61) 4-Chlorophenyl-phenylether	15.71	204	165365	38.362	nq	98
62) 4-Nitroaniline	15.77	138	57770	40.025	nq	96
63) Azobenzene	16.00	77	242656	38.463	nq	97
65) 4,6-Dinitro-2-methylphenol	15.82	198	53755	39.415	nq	99
66) n-Nitrosodiphenylamine	15.93	169	237781	39.234	nq	98
67) 4-Bromophenyl-phenylether	16.60	248	113099	37.584	nq	98
68) Hexachlorobenzene	16.72	284	119420	36.832	nq	98
69) Atrazine	16.87	200	109494	42.681	nq	93
70) Pentachlorophenol	17.07	266	141897	96.587	nq	91
71) Phenanthrene	17.47	178	475627	39.202	nq	99
72) Anthracene	17.56	178	480590	39.589	nq	99
73) Carbazole	17.84	167	433680	42.024	nq	99
74) Di-n-butylphthalate	18.36	149	488444	37.658	nq	99
75) Fluoranthene	19.48	202	649001	40.121	nq	99
77) Benzidine	19.66	184	238121	42.733	nq	97
78) Pyrene	19.84	202	644533	37.594	nq	99
80) Butylbenzylphthalate	20.70	149	233955	36.539	nq	96
81) Benzo(a)anthracene	21.68	228	667339	38.221	nq	99
82) 3,3'-Dichlorobenzidine	21.60	252	158050	26.141	nq	97
83) Chrysene	21.75	228	650206	38.472	nq	99
84) Bis(2-ethylhexyl)phthalate	21.54	149	339857	37.440	nq	99
85) Di-n-octyl phthalate	22.77	149	582718	37.935	nq	99
86) Indeno(1,2,3-cd)pyrene	28.77	276	803163	39.246	nq	# 98
88) Benzo(b)fluoranthene	23.94	252	687482	38.323	nq	99
89) Benzo(k)fluoranthene	24.01	252	652812	37.066	nq	98
90) Benzo(a)pyrene	24.83	252	663712	38.955	nq	97
91) Dibenzo(a,h)anthracene	28.82	278	667487	39.105	nq	99
92) Benzo(g,h,i)perylene	29.96	276	671746	39.582	nq	99

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



#1

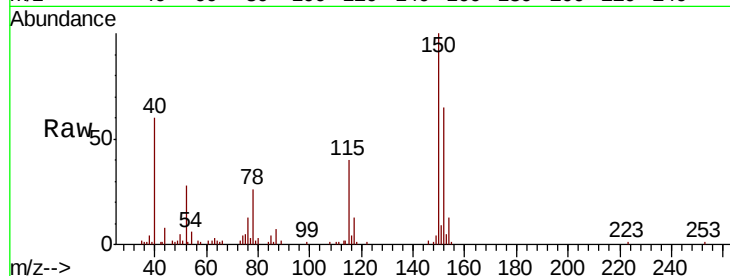
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 841
Delta R.T. -0.00 min
Lab File: BG041554.D
Acq: 1 Jul 2019 11:54

Instrument :
BNA_G
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RBR-200027MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.4	112.4	168.6
115	60.9	44.6	66.8

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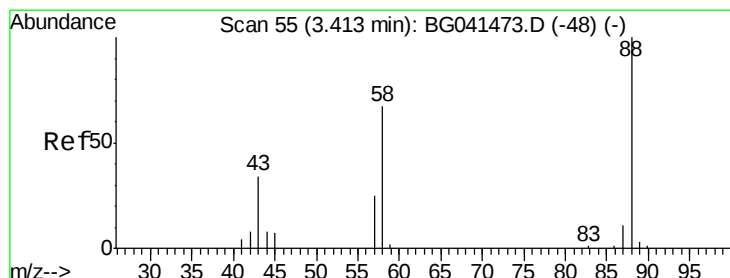
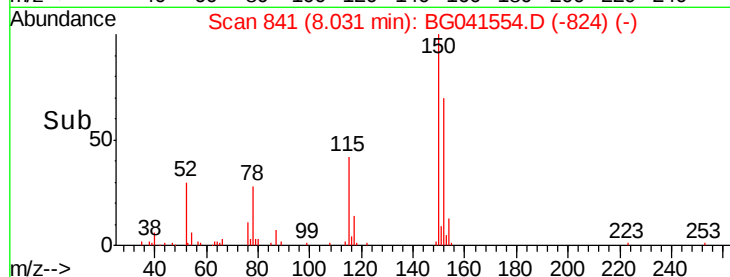
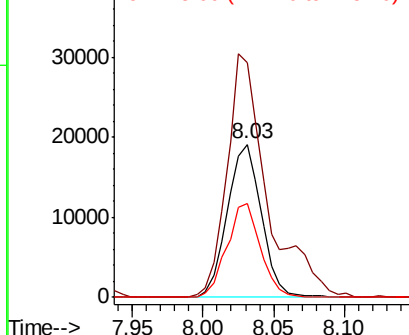


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

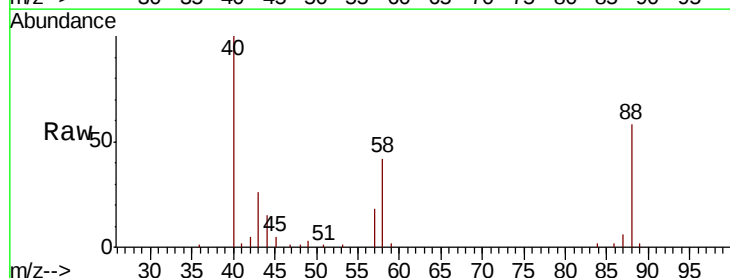
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 31.333 ng
RT: 3.41 min Scan# 54
Delta R.T. -0.01 min
Lab File: BG041554.D
Acq: 1 Jul 2019 11:54

Tgt Ion	Ratio	Lower	Upper
88	100		
58	67.7	55.8	83.8
43	36.9	27.8	41.8

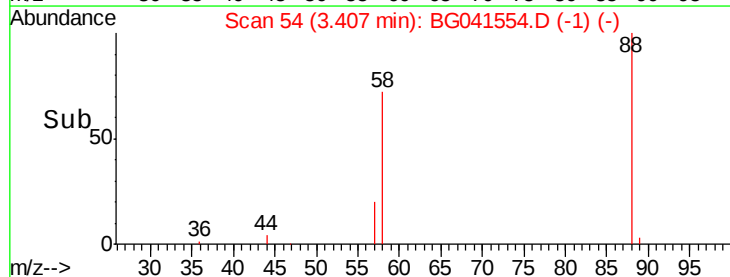
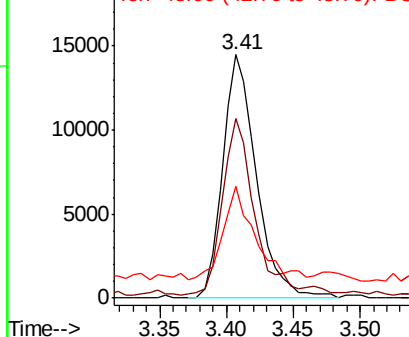


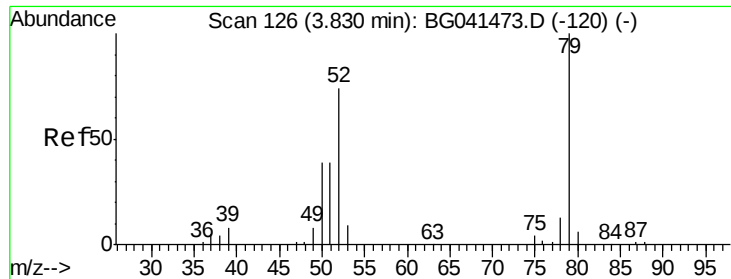
Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





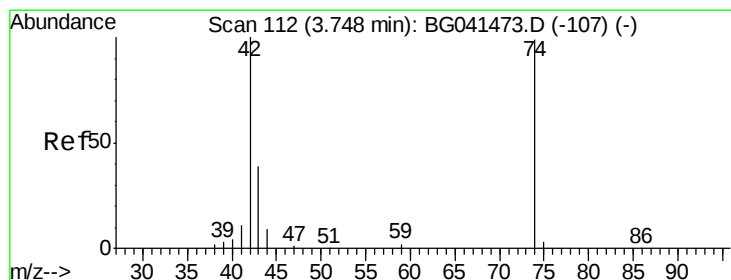
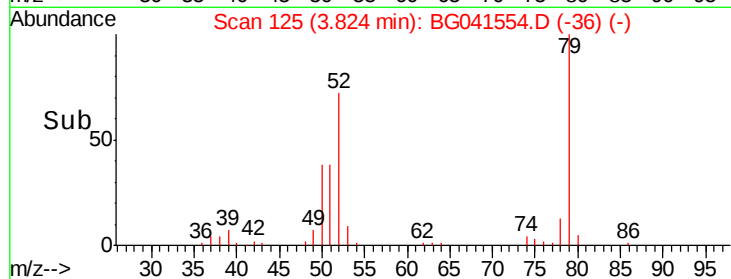
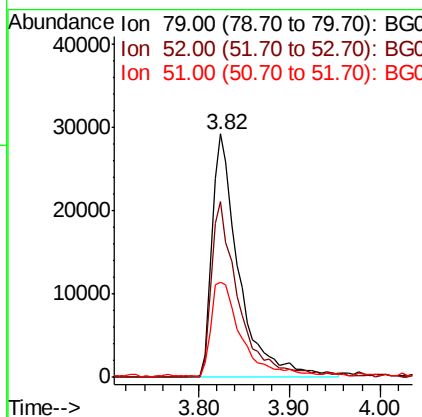
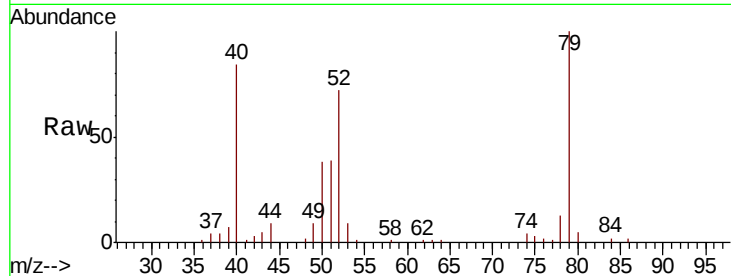
#3
 Pvridine
 Concen: 29.130 ng
 RT: 3.82 min Scan# 125
 Delta R.T. -0.01 min
 Lab File: BG041554.D
 Acq: 1 Jul 2019 11:54

Instrument :
 BNA_G
 ClientSampleId :
 RBR-200027MSD

Tot Ion	Ratio	Lower	Upper
79	100		
52	72.4	59.4	89.0
51	39.3	32.3	48.5

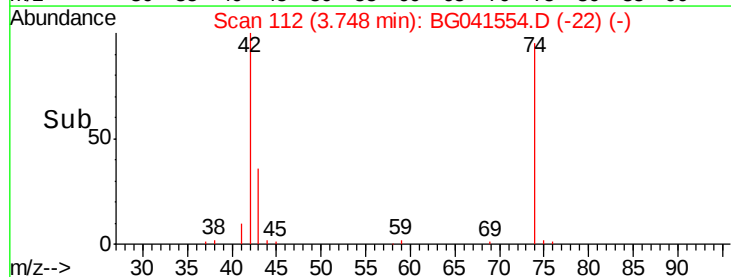
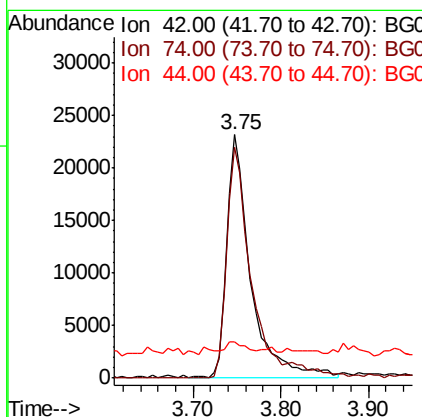
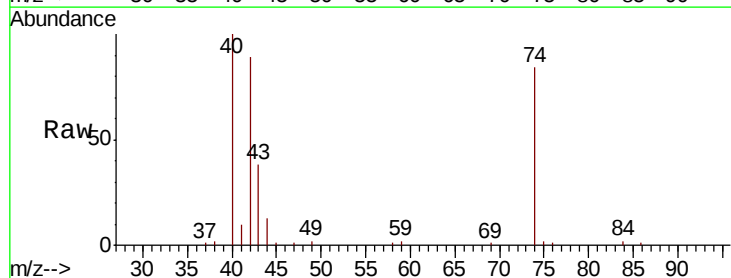
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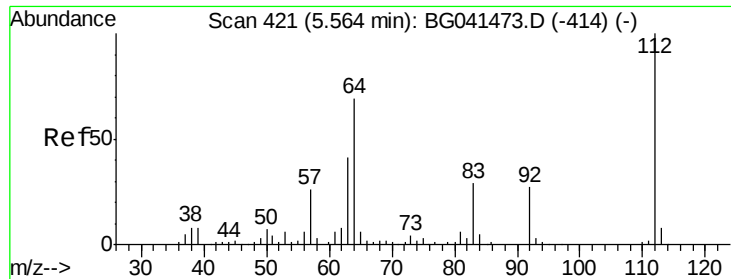
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#4
 n-Nitrosodimethylamine
 Concen: 38.124 ng
 RT: 3.75 min Scan# 112
 Delta R.T. -0.00 min
 Lab File: BG041554.D
 Acq: 1 Jul 2019 11:54

Tgt Ion	Ratio	Lower	Upper
42	100		
74	94.6	79.5	119.3
44	14.8	14.2	21.2





#5

2-Fluorophenol

Concen: 125.077 ng

RT: 5.57 min Scan# 422

Delta R.T. 0.01 min

Lab File: BG041554.D

Acq: 1 Jul 2019 11:54

Instrument :

BNA_G

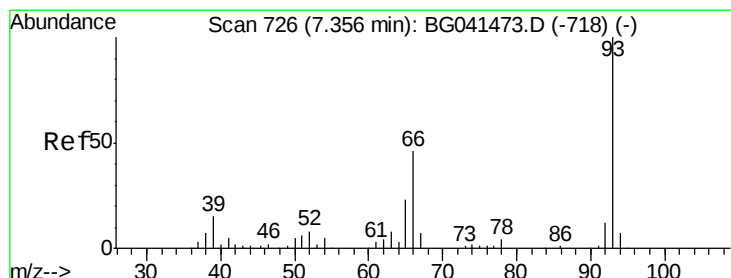
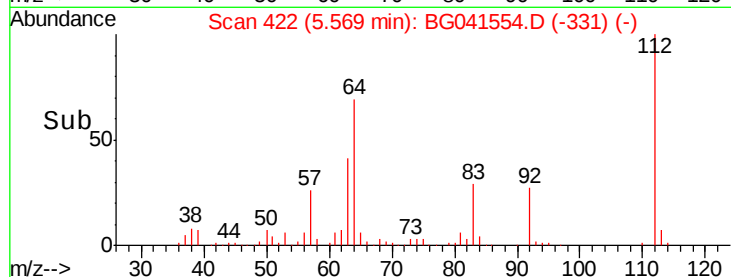
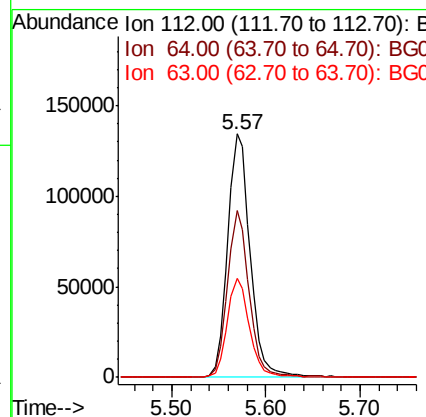
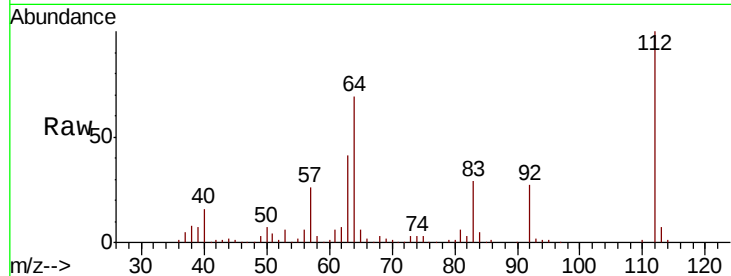
ClientSampleId :

RBR-200027MSD

Tot Ion:	112	Resp:	225130
Ion Ratio	Lower	Upper	
112	100		
64	68.7	55.1	82.7
63	40.8	32.4	48.6

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#6

Aniline

Concen: 26.018 ng

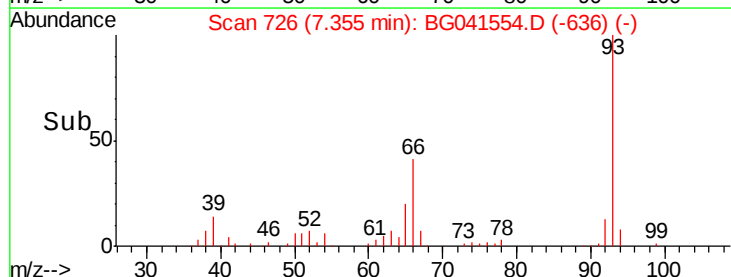
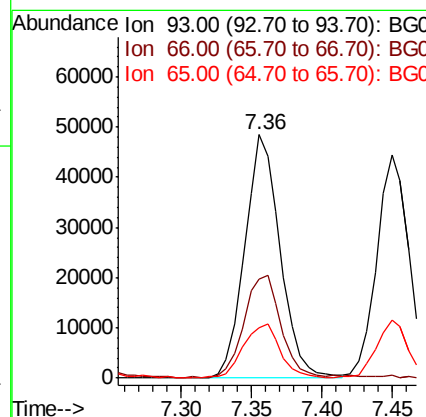
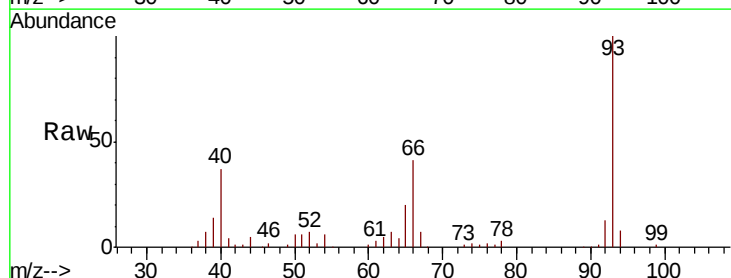
RT: 7.36 min Scan# 726

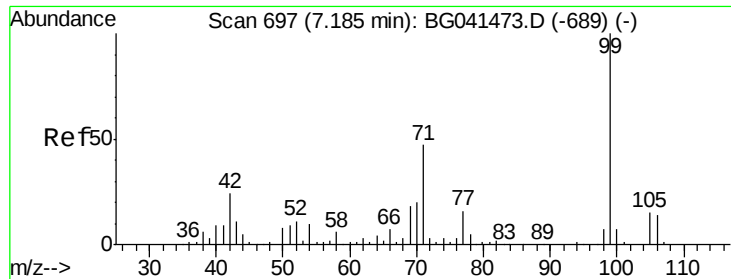
Delta R.T. -0.00 min

Lab File: BG041554.D

Acq: 1 Jul 2019 11:54

Tgt Ion:	93	Resp:	84976
Ion Ratio	Lower	Upper	
93	100		
66	40.9	37.4	56.0
65	20.4	18.6	27.8





#7

Phenol-d6

Concen: 126.192 ng

RT: 7.19 min Scan# 698

Delta R.T. 0.01 min

Lab File: BG041554.D

Acq: 1 Jul 2019 11:54

Instrument :

BNA_G

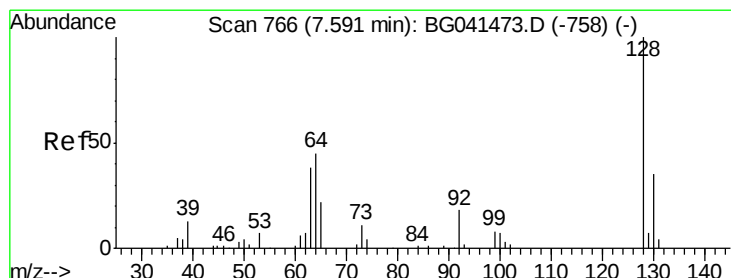
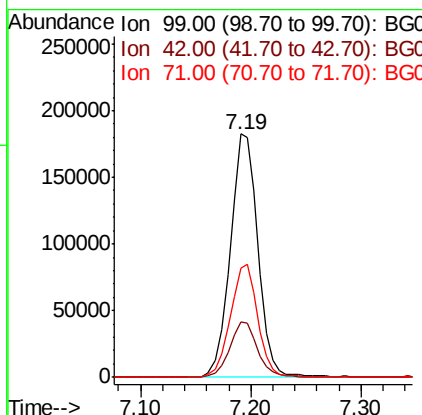
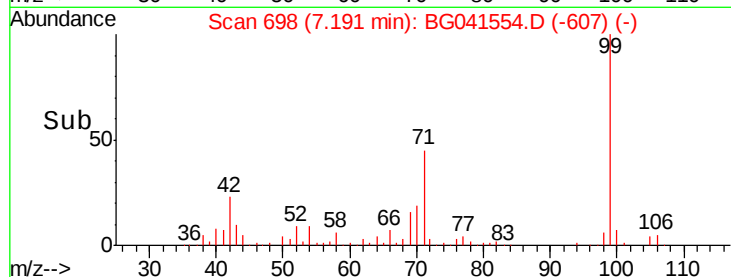
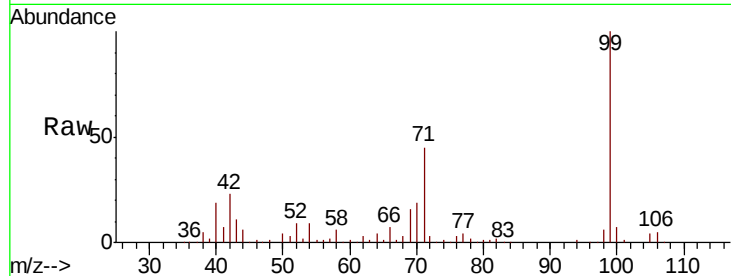
ClientSampleId :

RBR-200027MSD

Tot Ion:	99	Resp:	319747
Ion Ratio	Lower	Upper	
99	100		
42	22.6	19.0	28.6
71	44.9	37.4	56.2

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#8

2-Chlorophenol

Concen: 40.479 ng

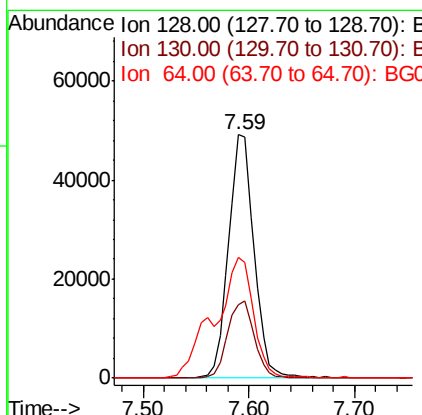
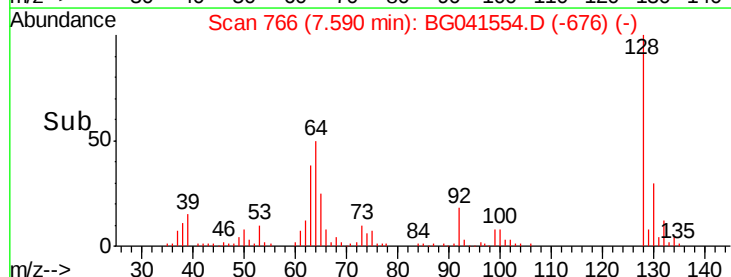
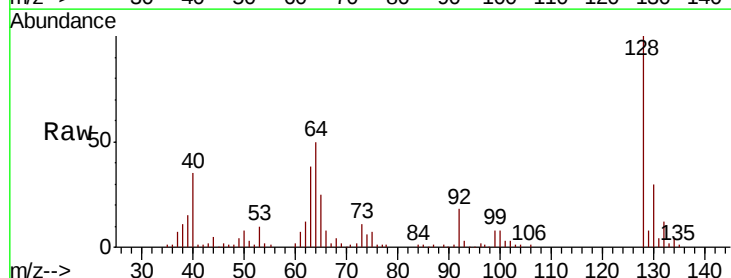
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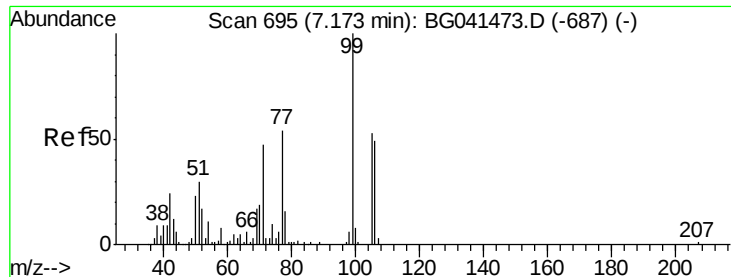
Delta R.T. -0.00 min

Lab File: BG041554.D

Acq: 1 Jul 2019 11:54

Tgt Ion:	128	Resp:	81711
Ion Ratio	Lower	Upper	
128	100		
130	30.1	15.0	55.0
64	49.6	33.3	73.3





#9

Benzaldehyde

Concen: 36.494 ng

RT: 7.17 min Scan# 694

Delta R.T. -0.01 min

Lab File: BG041554.D

Acq: 1 Jul 2019 11:54

Instrument :

BNA_G

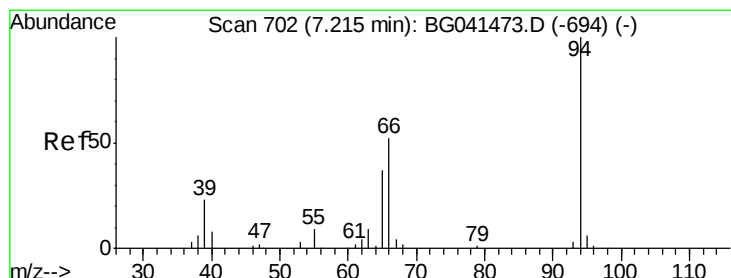
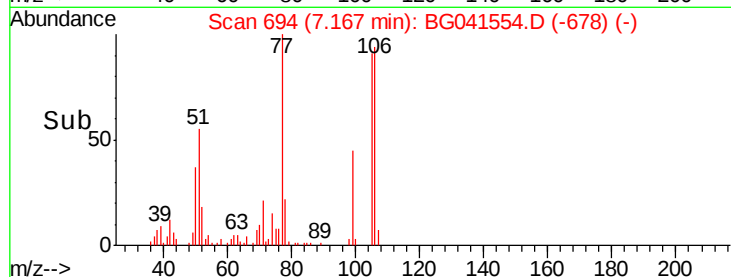
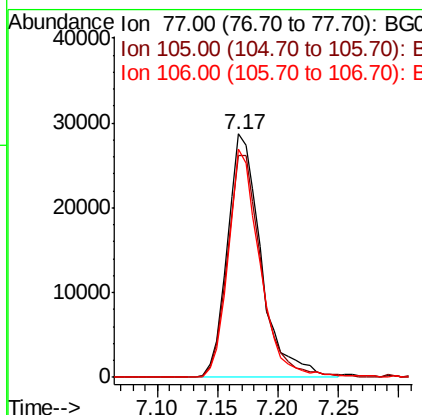
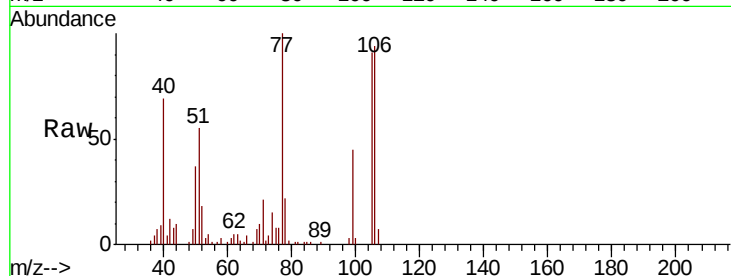
ClientSampleId :

RBR-200027MSD

Tot Ion:	77	Resp:	55844
Ion	Ratio	Lower	Upper
77	100		
105	91.0	77.8	117.8
106	93.9	70.1	110.1

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#10

Phenol

Concen: 40.491 ng

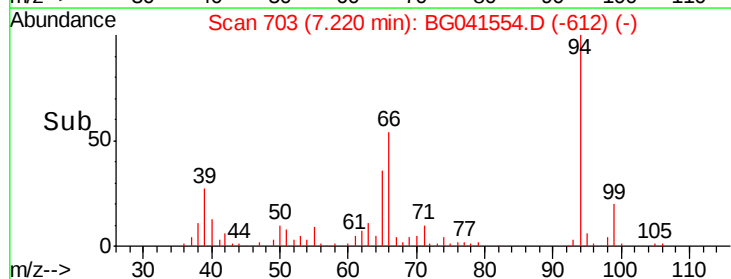
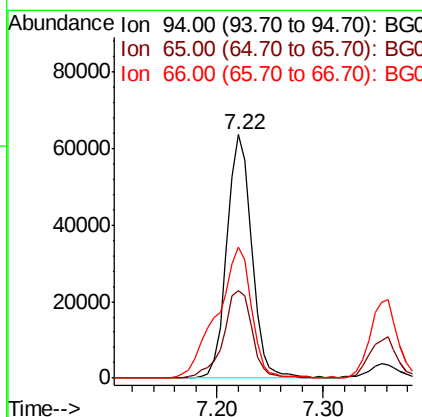
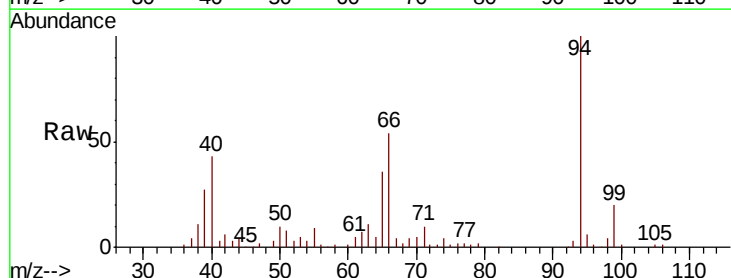
RT: 7.22 min Scan# 703

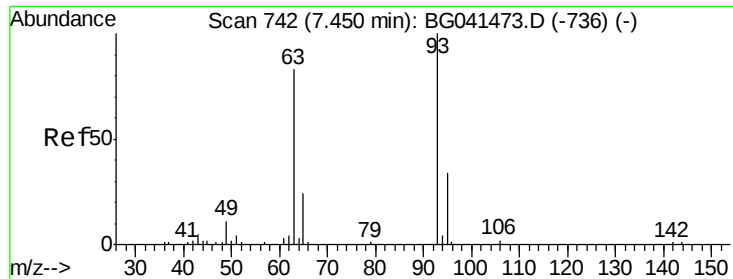
Delta R.T. 0.01 min

Lab File: BG041554.D

Acq: 1 Jul 2019 11:54

Tgt Ion:	94	Resp:	103400
Ion	Ratio	Lower	Upper
94	100		
65	36.0	17.9	57.9
66	53.6	34.4	74.4





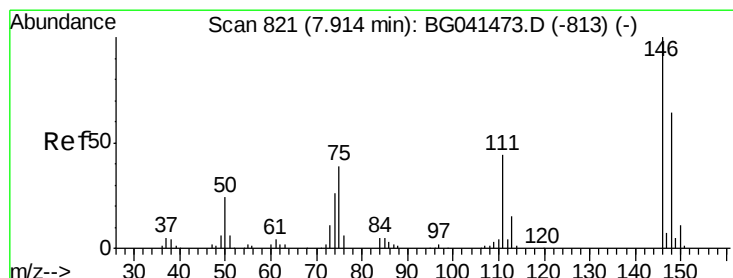
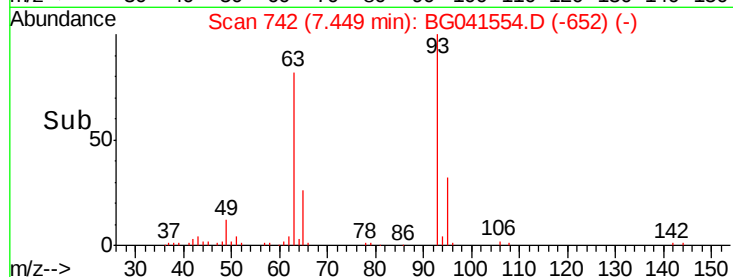
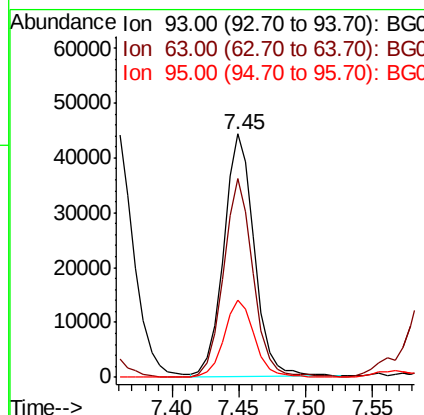
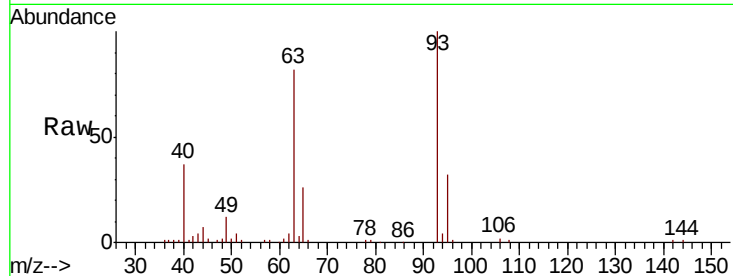
#11
bis(2-Chloroethyl)ether
Concen: 34.884 ng
RT: 7.45 min Scan# 742
Delta R.T. -0.00 min
Lab File: BG041554.D
Acq: 1 Jul 2019 11:54

Instrument :
BNA_G
ClientSampleId :
RBR-200027MSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	81.6	62.0	102.0
95	31.7	13.0	53.0

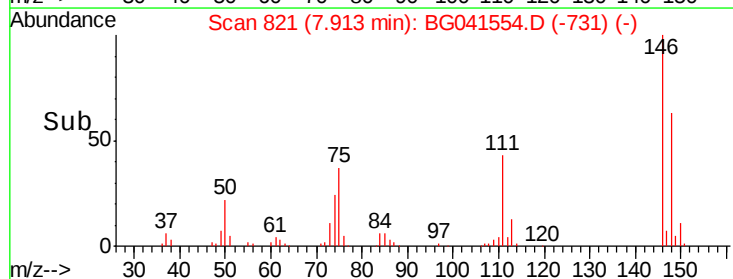
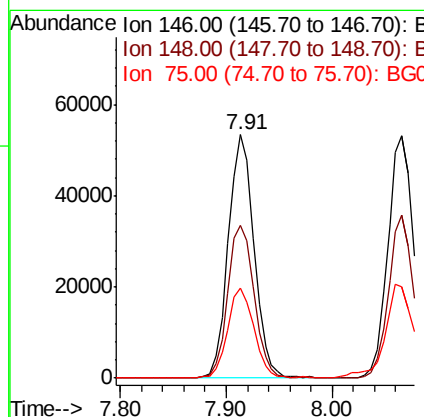
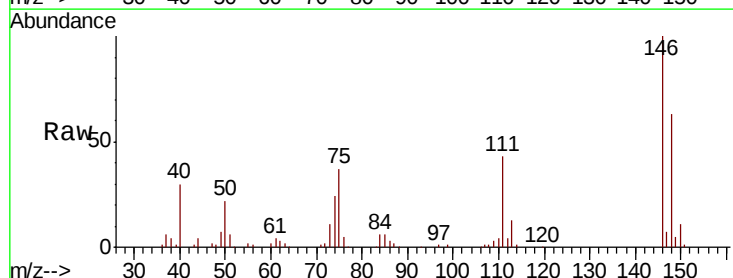
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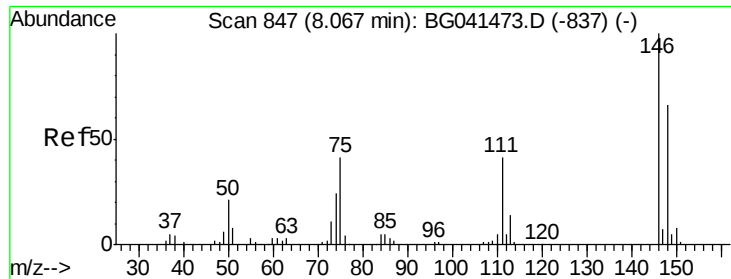
mohammad
7/3/2019 9:47:12 AM



#12
1,3-Dichlorobenzene
Concen: 34.388 ng
RT: 7.91 min Scan# 821
Delta R.T. -0.00 min
Lab File: BG041554.D
Acq: 1 Jul 2019 11:54

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.8	51.1	76.7
75	36.8	31.0	46.6





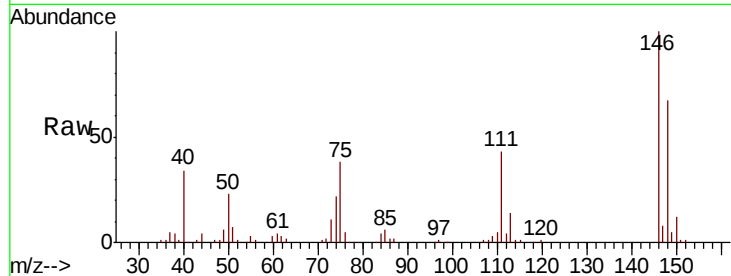
#13
 1,4-Dichlorobenzene
 Concen: 35.205 ng
 RT: 8.07 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: BG041554.D
 Acq: 1 Jul 2019 11:54

Instrument :
 BNA_G
 ClientSampleId :
 RBR-200027MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	67.2	52.8	79.2
111	43.1	33.1	49.7

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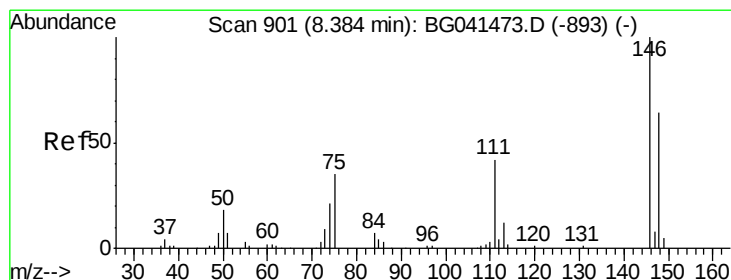
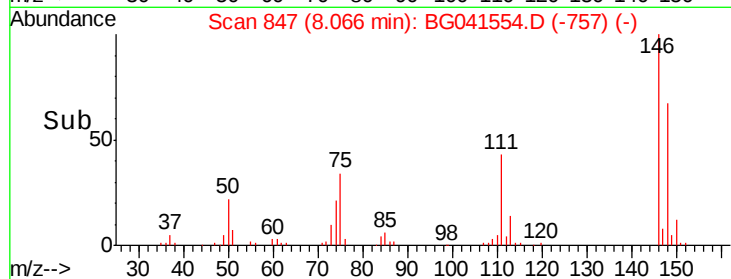
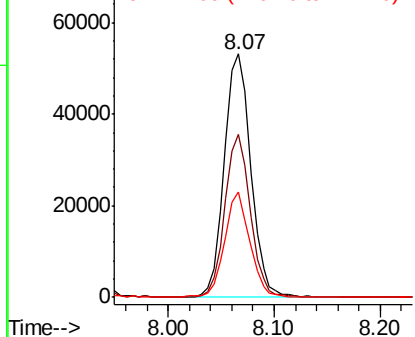


Abundance

Ion 146.00 (145.70 to 146.70): E

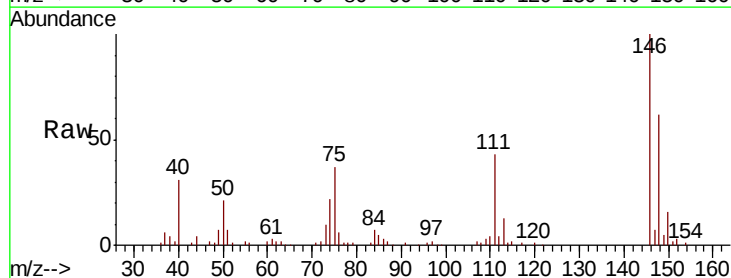
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 35.088 ng
 RT: 8.38 min Scan# 901
 Delta R.T. -0.00 min
 Lab File: BG041554.D
 Acq: 1 Jul 2019 11:54

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.0	51.3	76.9
111	43.3	34.3	51.5

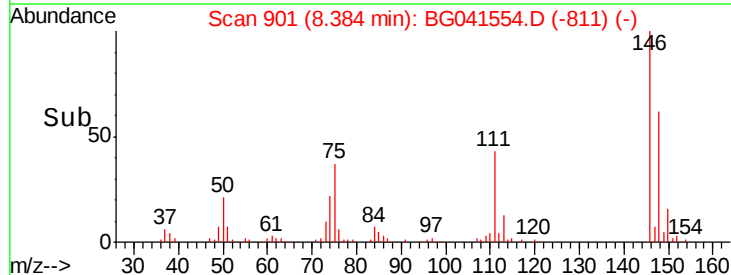
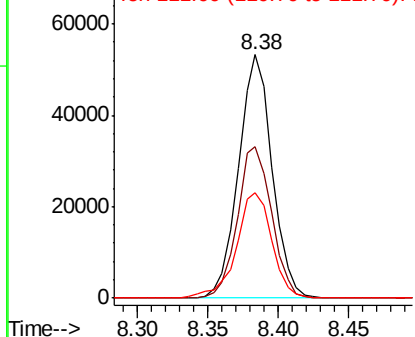


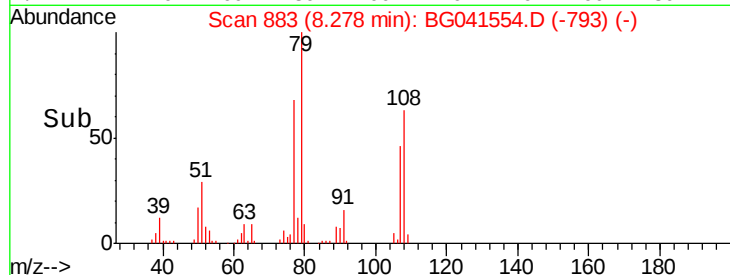
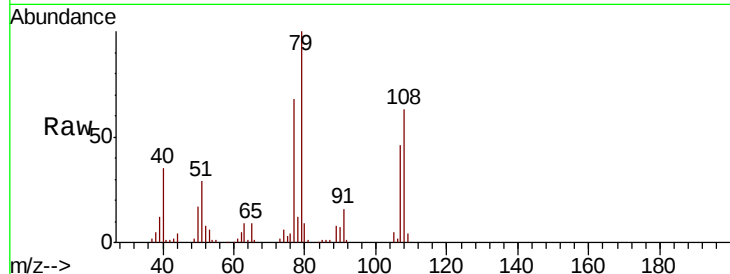
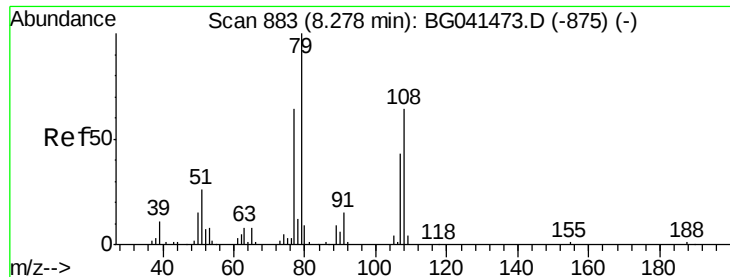
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





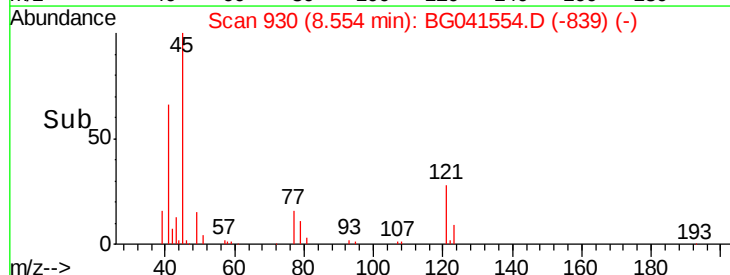
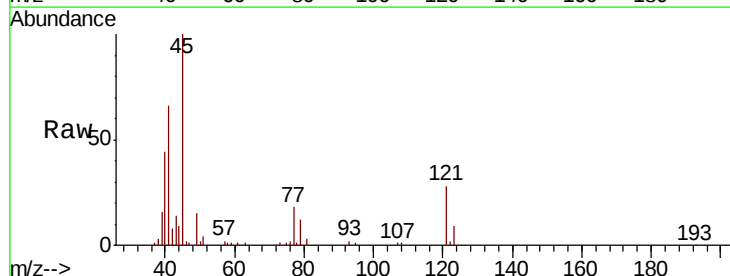
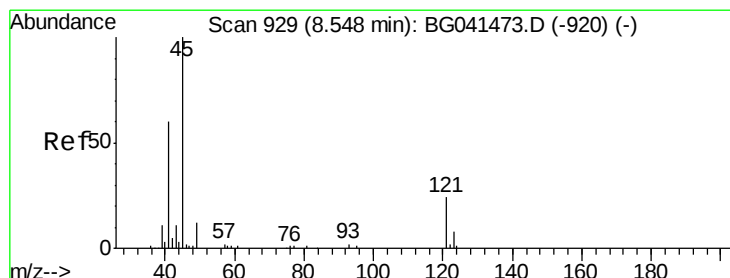
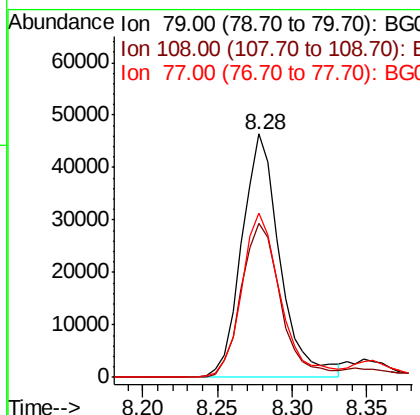
#15
Benzyl Alcohol
Concen: 40.552 ng
RT: 8.28 min Scan# 883
Delta R.T. -0.00 min
Lab File: BG041554.D
Acq: 1 Jul 2019 11:54

Tot Ion	Ratio	Lower	Upper
79	100		
108	63.2	51.4	77.0
77	67.7	50.8	76.2

Instrument :
BNA_G
ClientSampleId :
RBR-200027MSD

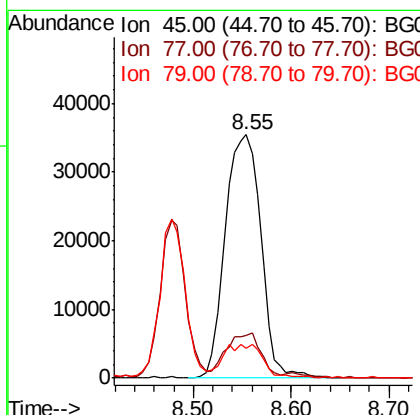
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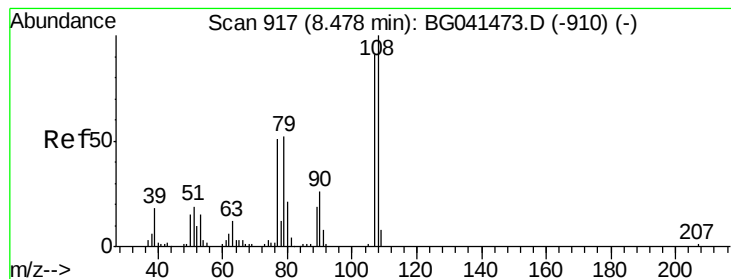
mohammad
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 31.652 ng
RT: 8.55 min Scan# 930
Delta R.T. 0.01 min
Lab File: BG041554.D
Acq: 1 Jul 2019 11:54

Tgt Ion	Ratio	Lower	Upper
45	100		
77	17.6	0.0	36.3
79	12.4	0.0	32.4





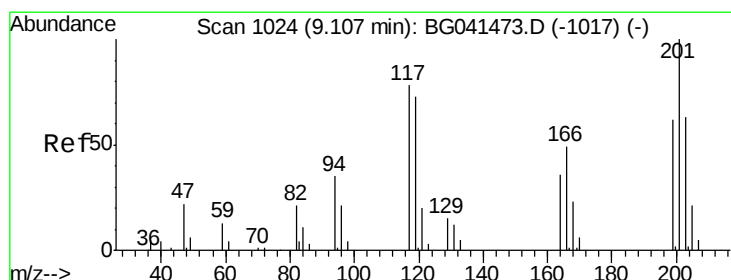
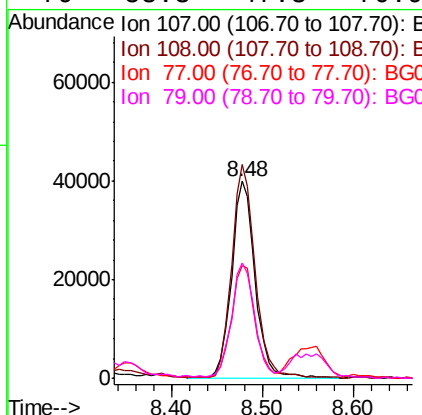
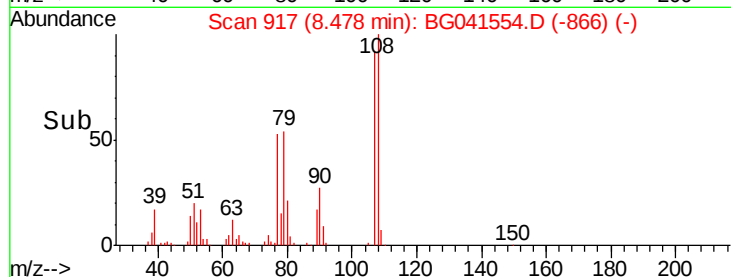
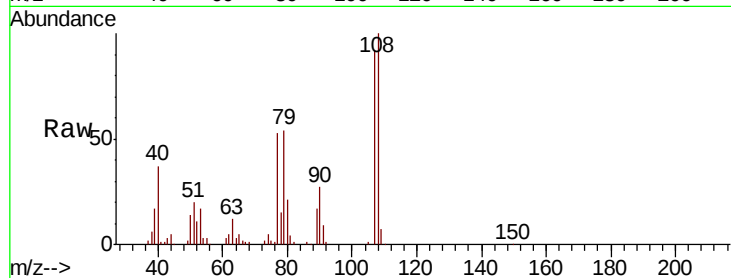
#17
2-Methylphenol
Concen: 39.080 ng
RT: 8.48 min Scan# 917
Delta R.T. -0.00 min
Lab File: BG041554.D
Acq: 1 Jul 2019 11:54

Instrument :
BNA_G
ClientSampleId :
RBR-200027MSD

Tot Ion	107	Resp	72646
Ion Ratio	Lower	Upper	
107	100		
108	108.4	88.0	132.0
77	57.4	45.3	67.9
79	58.3	47.3	70.9

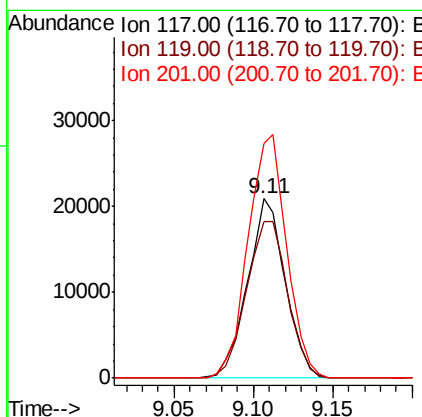
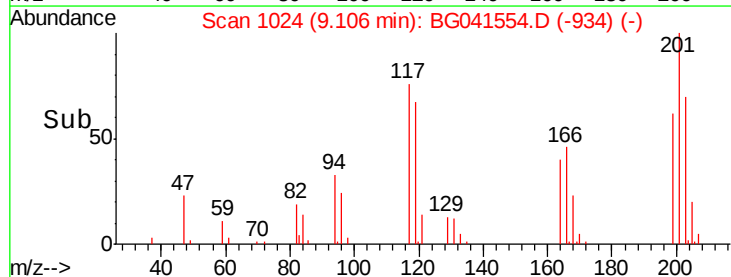
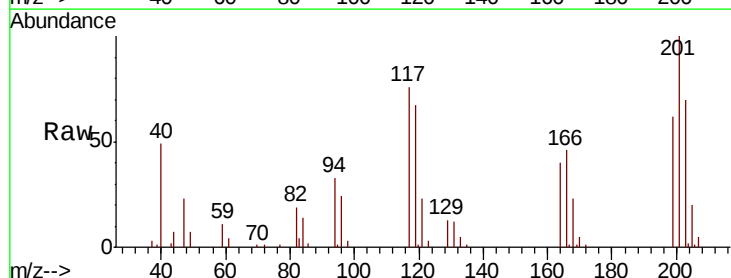
Manual Integrations
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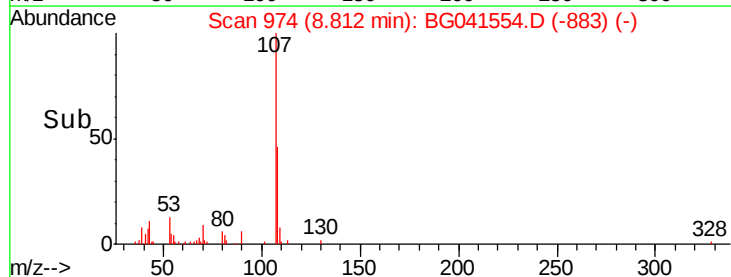
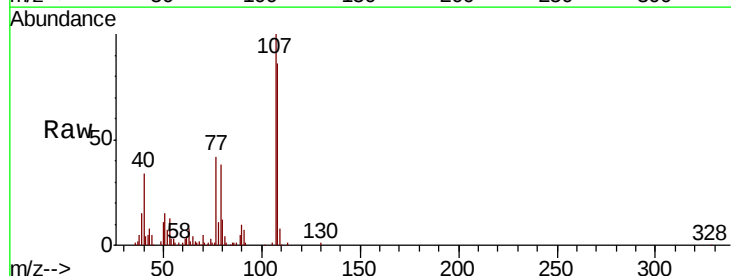
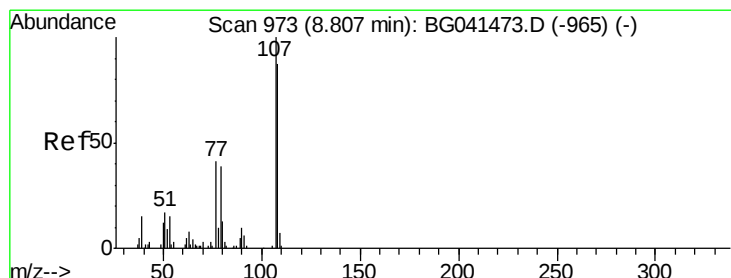
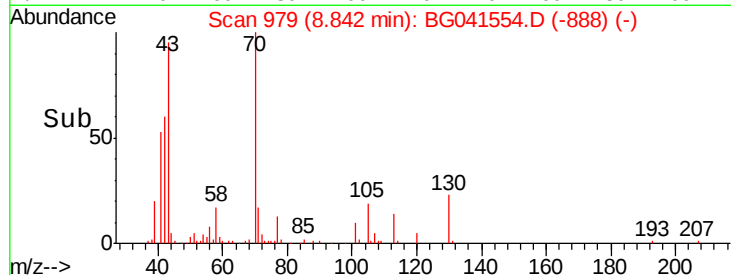
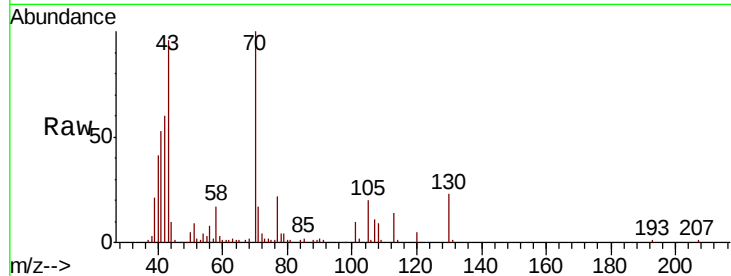
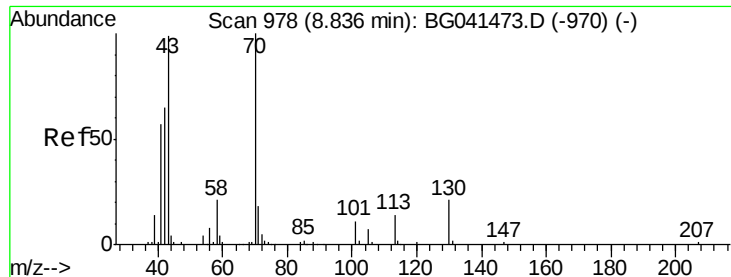
mohammad
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#18
Hexachloroethane
Concen: 33.280 ng
RT: 9.11 min Scan# 1024
Delta R.T. -0.00 min
Lab File: BG041554.D
Acq: 1 Jul 2019 11:54

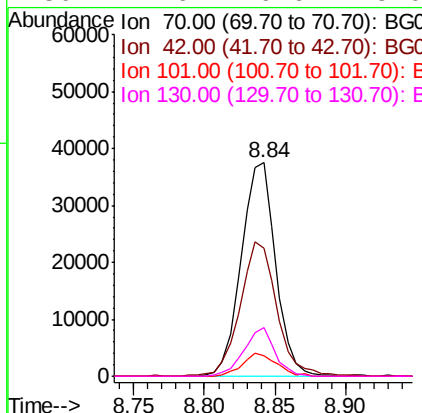
Tgt Ion	117	Resp	34567
Ion Ratio	Lower	Upper	
117	100		
119	87.5	74.3	111.5
201	131.1	102.3	153.5





#19
n-Nitroso-di-n-propylamine
Concen: 33.835 ng
RT: 8.84 min Scan# 979
Delta R.T. 0.01 min
Lab File: BG041554.D
Acq: 1 Jul 2019 11:54

Tot Ion	Ratio	Lower	Upper
70	100		
42	60.1	52.6	78.8
101	9.7	8.6	13.0
130	22.6	16.6	25.0



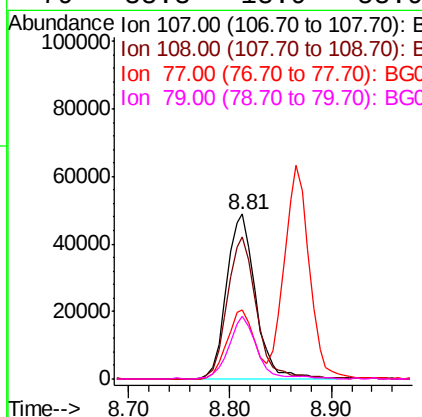
Instrument :
BNA_G
ClientSampleId :
RBR-200027MSD

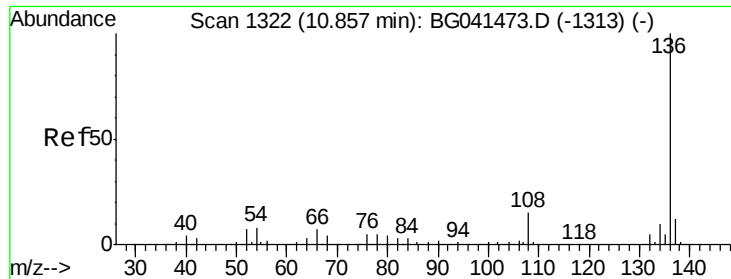
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#20
3+4-Methylphenols
Concen: 39.075 ng
RT: 8.81 min Scan# 974
Delta R.T. 0.01 min
Lab File: BG041554.D
Acq: 1 Jul 2019 11:54

Tgt Ion	Ratio	Lower	Upper
107	100		
108	86.0	67.0	107.0
77	42.4	20.6	60.6
79	38.3	18.9	58.9





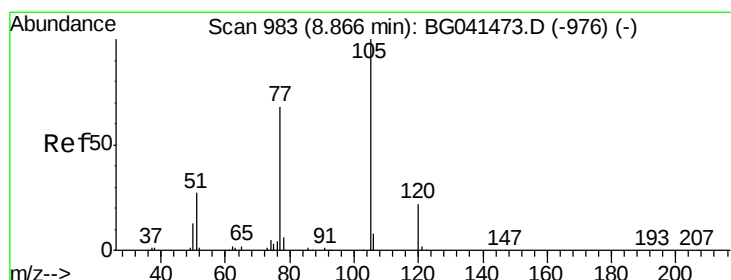
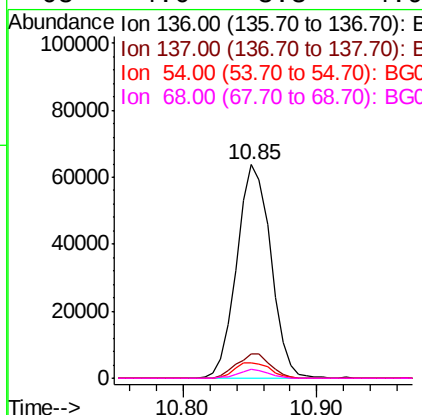
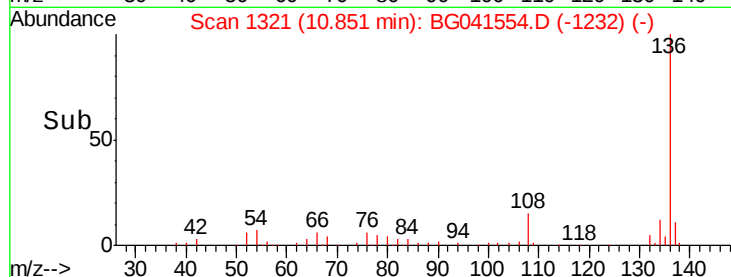
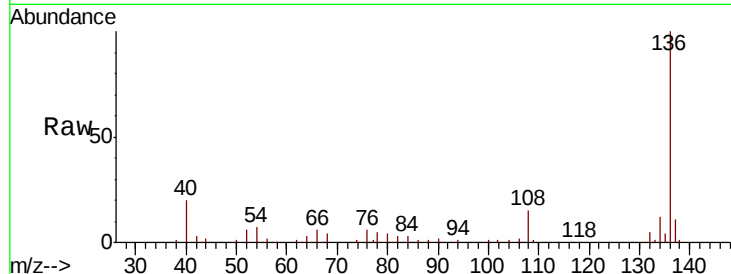
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1321
Delta R.T. -0.01 min
Lab File: BG041554.D
Acq: 1 Jul 2019 11:54

Instrument :
BNA_G
ClientSampleId :
RBR-200027MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	112490		
137	11.2	9.3	13.9	
54	7.2	7.1	10.7	
68	4.0	3.3	4.9	

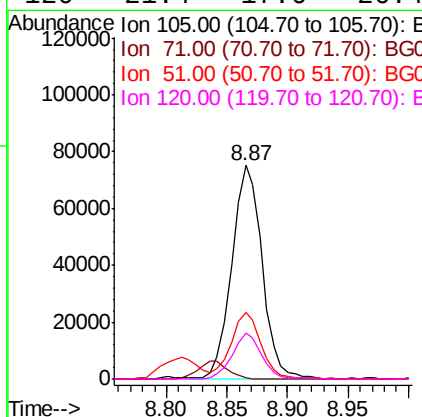
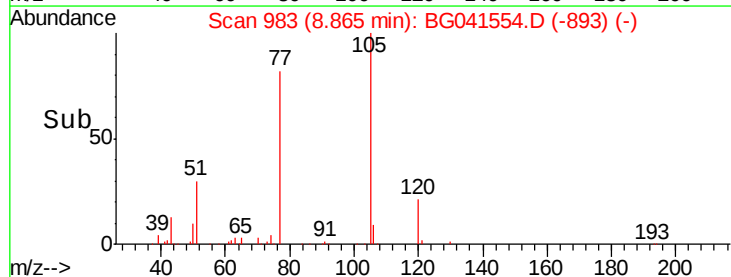
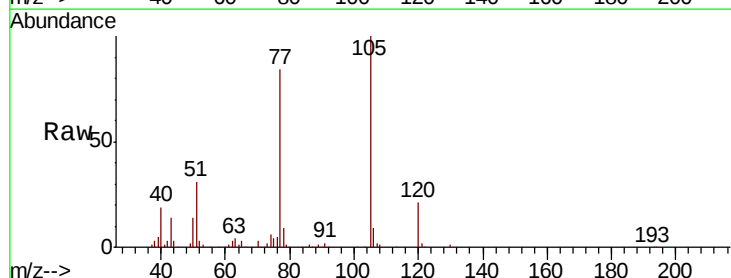
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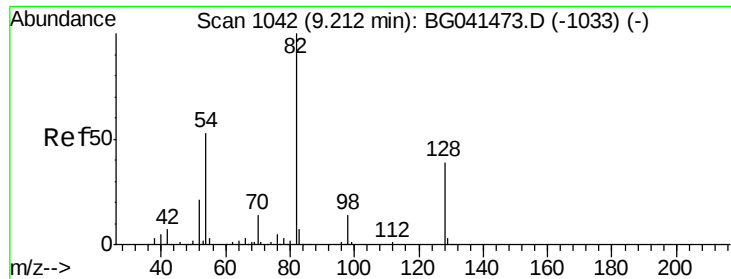
mohammad
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#22
Acetophenone
Concen: 38.684 ng
RT: 8.87 min Scan# 983
Delta R.T. -0.00 min
Lab File: BG041554.D
Acq: 1 Jul 2019 11:54

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	130529		
71	0.5	0.5	0.7	
51	31.3	25.0	37.6	
120	21.4	17.6	26.4	





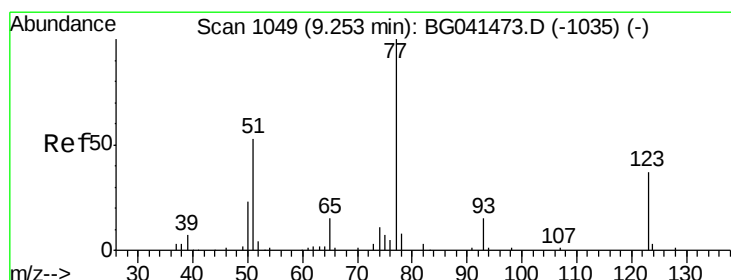
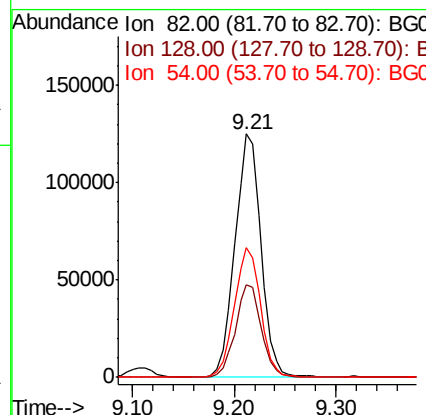
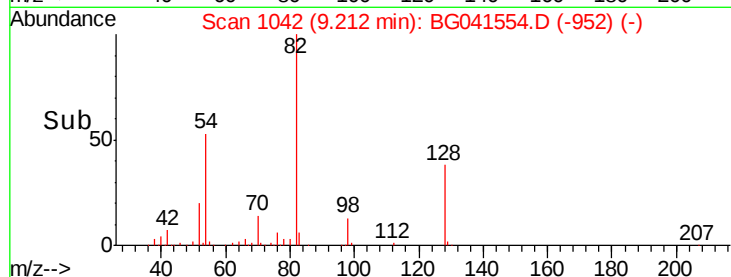
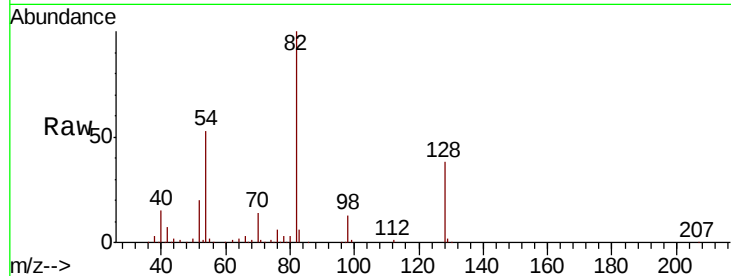
#23
 Nitrobenzene-d5
 Concen: 82.716 ng
 RT: 9.21 min Scan# 1042
 Delta R.T. -0.00 min
 Lab File: BG041554.D
 Acq: 1 Jul 2019 11:54

Instrument :
 BNA_G
 ClientSampleId :
 RBR-200027MSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	38.0	30.9	46.3
54	53.4	42.2	63.2

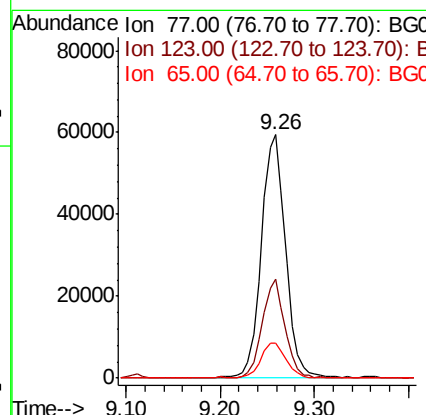
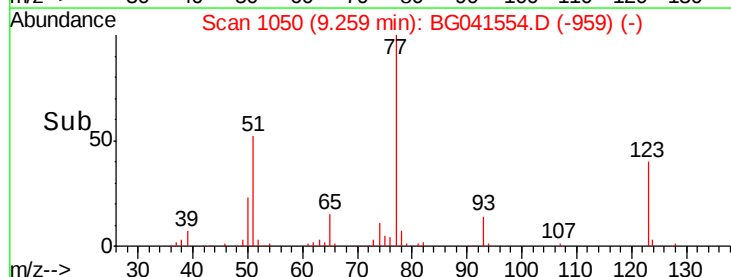
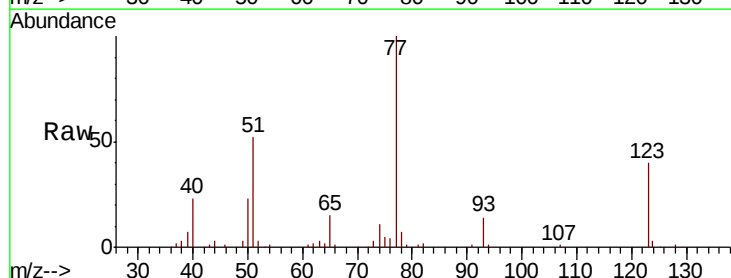
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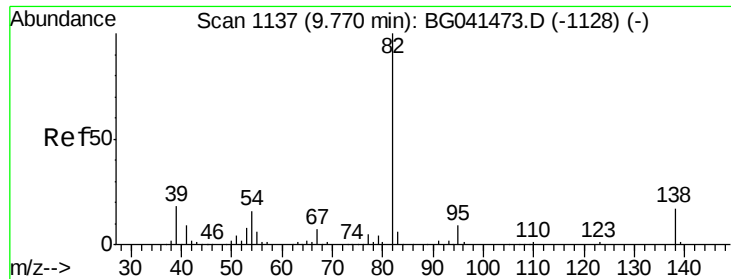
mohammad
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#24
 Nitrobenzene
 Concen: 39.289 ng
 RT: 9.26 min Scan# 1050
 Delta R.T. 0.01 min
 Lab File: BG041554.D
 Acq: 1 Jul 2019 11:54

Tgt Ion	Ratio	Lower	Upper
77	100		
123	40.4	29.9	44.9
65	14.6	12.2	18.4





#25

Isophorone

Concen: 37.932 ng

RT: 9.77 min Scan# 1137

Delta R.T. -0.00 min

Lab File: BG041554.D

Acq: 1 Jul 2019 11:54

Instrument :

BNA_G

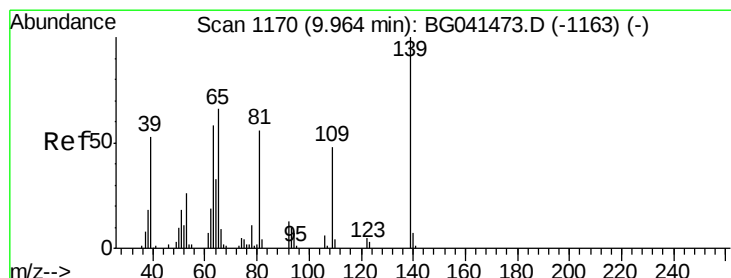
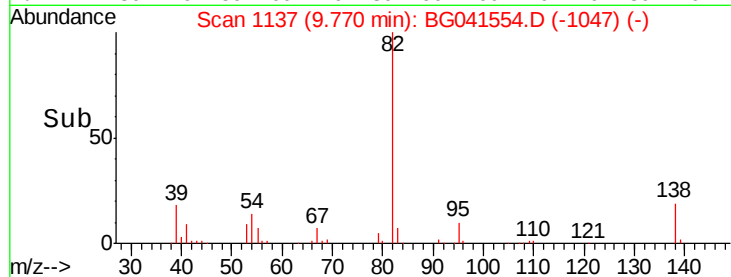
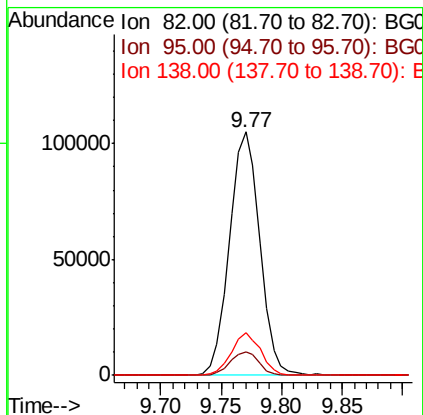
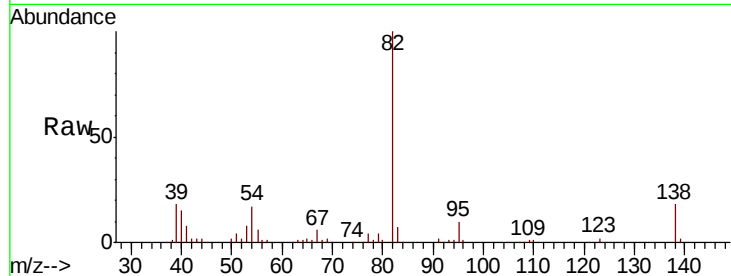
ClientSampleId :

RBR-200027MSD

Tot Ion:	82	Resp:	183682
Ion Ratio	Lower	Upper	
82	100		
95	9.6	6.8	10.2
138	17.7	13.7	20.5

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#26

2-Nitrophenol

Concen: 40.176 ng

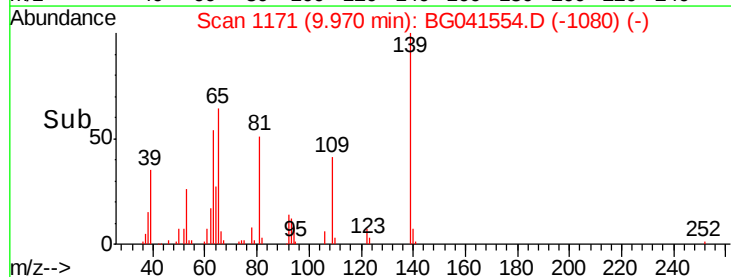
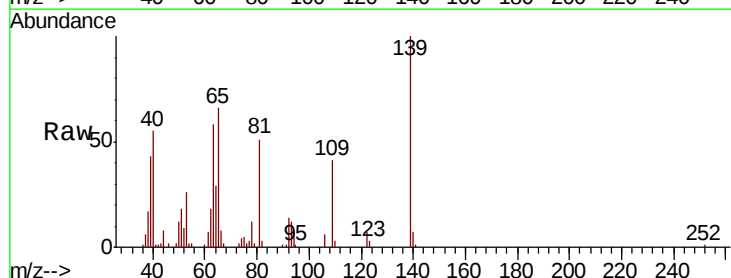
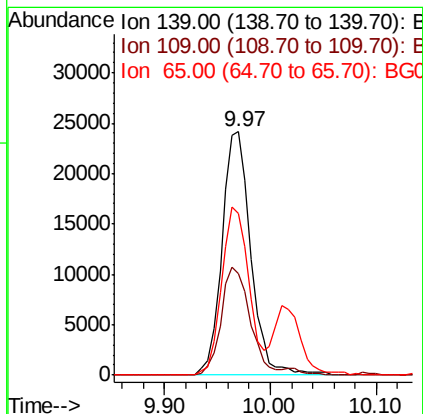
RT: 9.97 min Scan# 1171

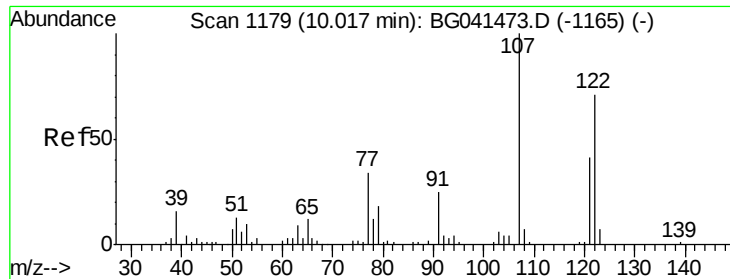
Delta R.T. 0.01 min

Lab File: BG041554.D

Acq: 1 Jul 2019 11:54

Tgt Ion:	139	Resp:	45424
Ion Ratio	Lower	Upper	
139	100		
109	41.4	38.6	57.8
65	66.2	52.6	78.8





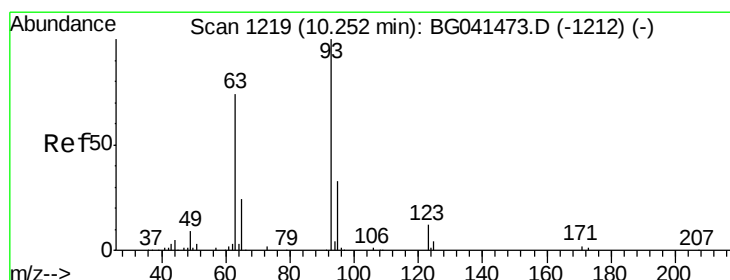
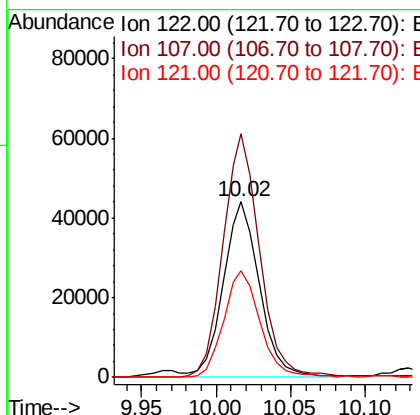
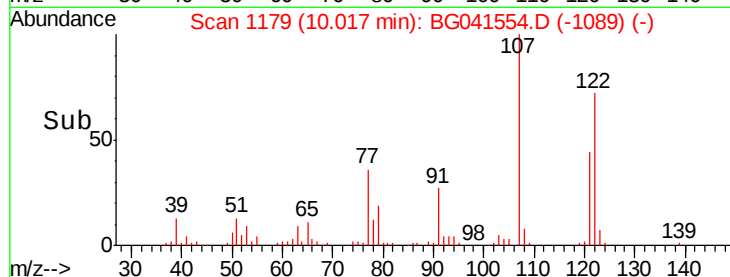
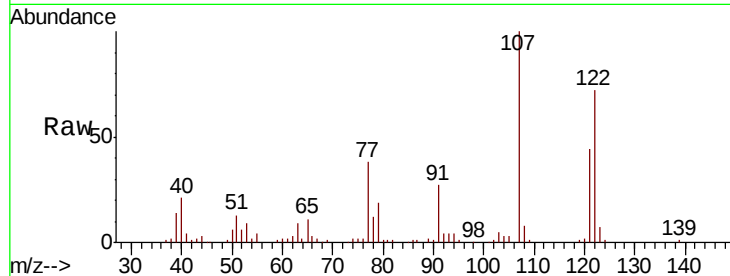
#27
2,4-Dimethylphenol
Concen: 47.141 ng
RT: 10.02 min Scan# 1179
Delta R.T. -0.00 min
Lab File: BG041554.D
Acq: 1 Jul 2019 11:54

Instrument :
BNA_G
ClientSampleId :
RBR-200027MSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	138.8	112.9	169.3
121	60.5	46.1	69.1

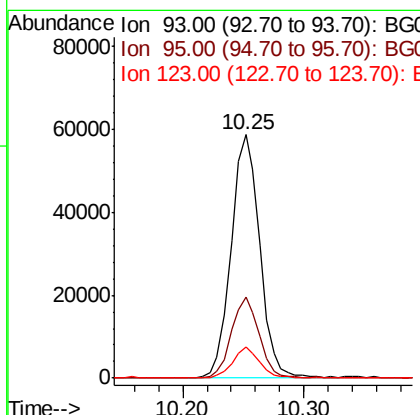
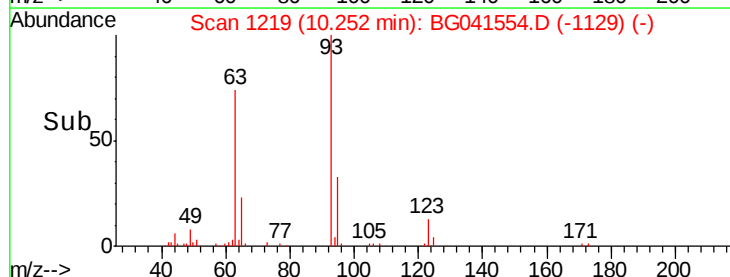
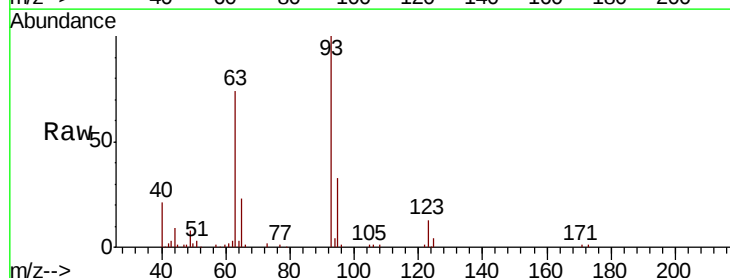
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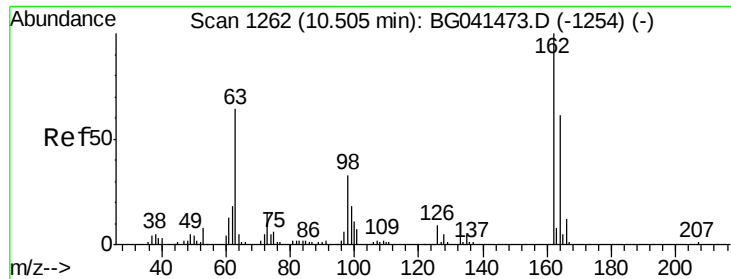
mohammad
7/3/2019 9:47:12 AM



#28
bis(2-Chloroethoxy)methane
Concen: 37.840 ng
RT: 10.25 min Scan# 1219
Delta R.T. -0.00 min
Lab File: BG041554.D
Acq: 1 Jul 2019 11:54

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.4	26.2	39.2
123	12.6	9.6	14.4





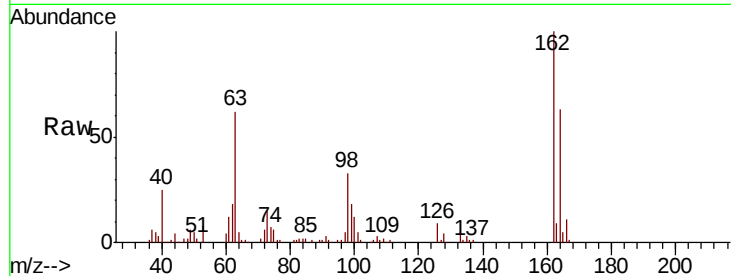
#29
2,4-Dichlorophenol
Concen: 43.570 ng
RT: 10.50 min Scan# 1262
Delta R.T. -0.00 min
Lab File: BG041554.D
Acq: 1 Jul 2019 11:54

Instrument :
BNA_G
ClientSampleId :
RBR-200027MSD

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.2	41.3	81.3
98	32.5	13.2	53.2

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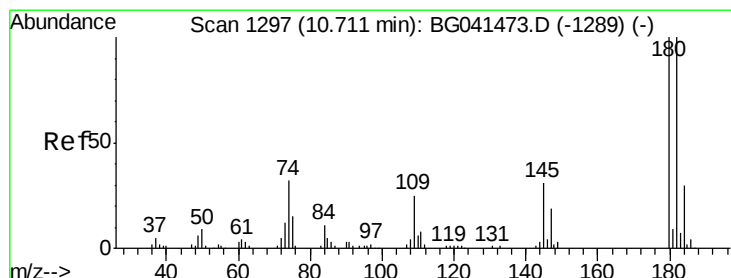
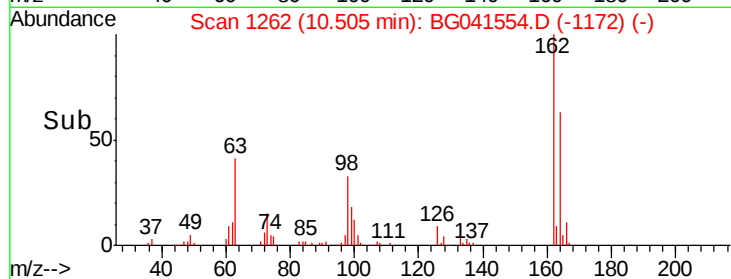
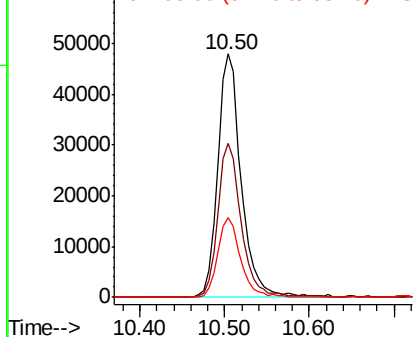


Abundance

Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): E



#30
1,2,4-Trichlorobenzene
Concen: 37.422 ng
RT: 10.71 min Scan# 1297
Delta R.T. -0.00 min
Lab File: BG041554.D
Acq: 1 Jul 2019 11:54

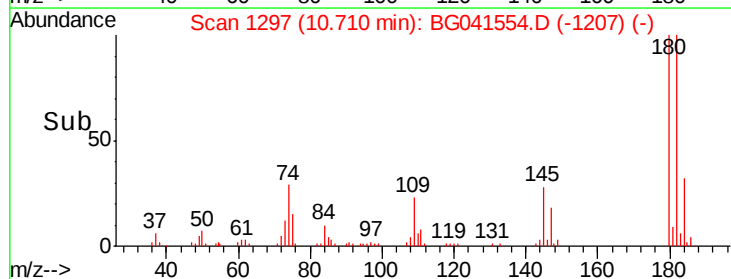
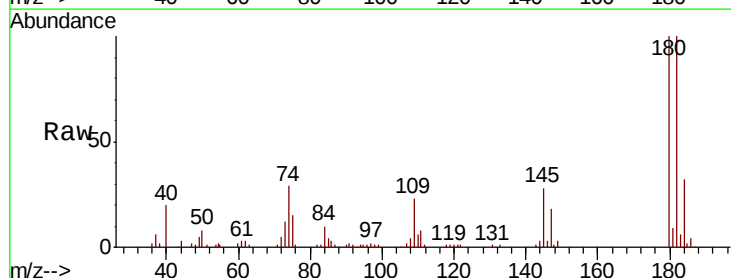
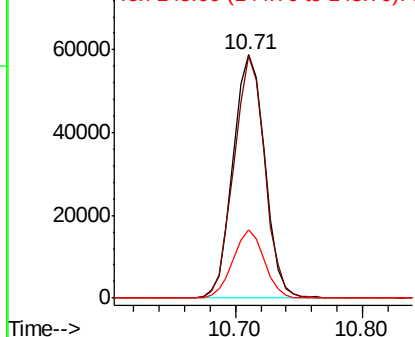
Tgt Ion	Ratio	Lower	Upper
180	100		
182	99.5	79.9	119.9
145	28.3	24.7	37.1

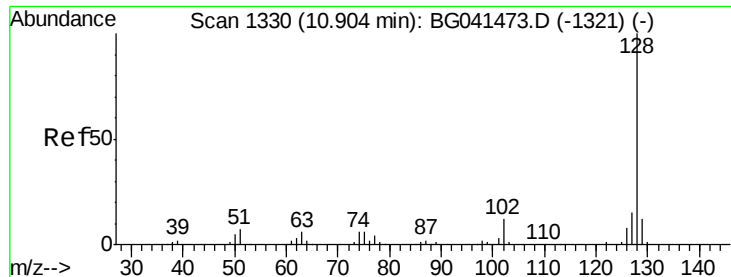
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





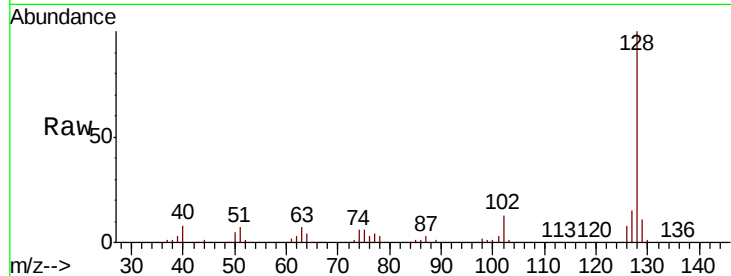
#31
Naphthalene
Concen: 39.054 ng
RT: 10.90 min Scan# 1330
Delta R.T. -0.00 min
Lab File: BG041554.D
Acq: 1 Jul 2019 11:54

Instrument :
BNA_G
ClientSampleId :
RBR-200027MSD

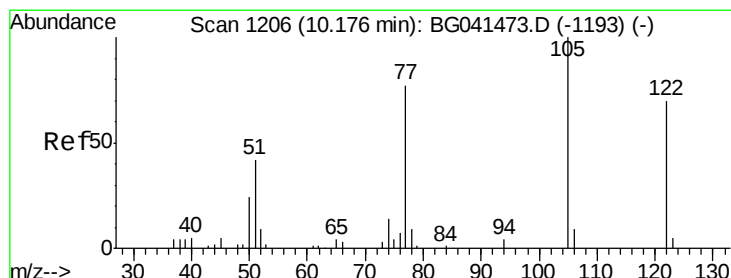
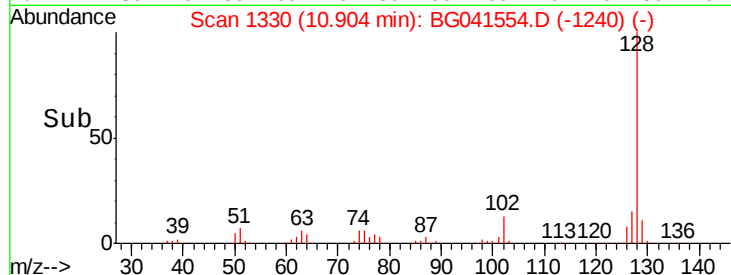
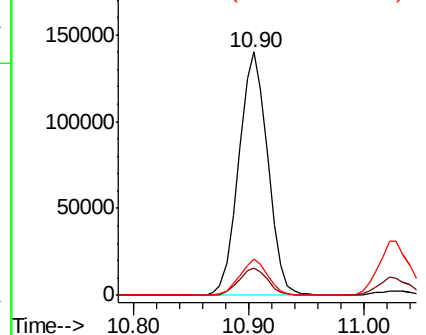
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.7	14.5
127	14.6	11.6	17.4

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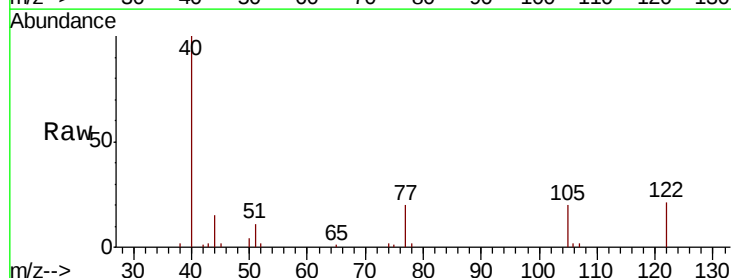


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

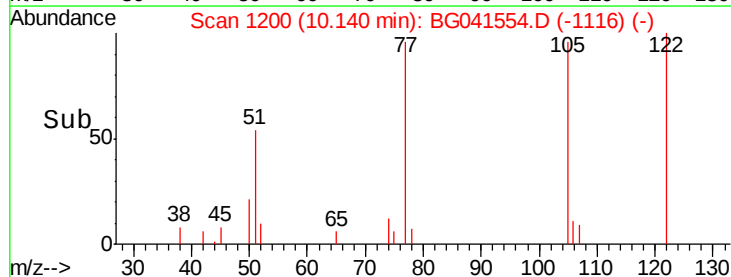
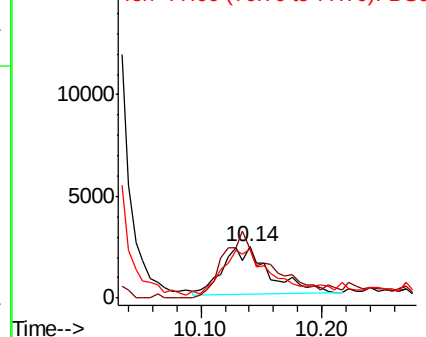


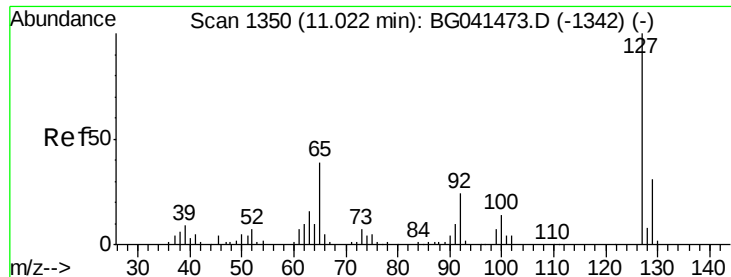
#32
Benzoic acid
Concen: 12.152 ng
RT: 10.14 min Scan# 1200
Delta R.T. -0.03 min
Lab File: BG041554.D
Acq: 1 Jul 2019 11:54

Tgt Ion	Ratio	Lower	Upper
122	100		
105	96.3	117.8	157.8#
77	95.6	88.9	128.9



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BGC





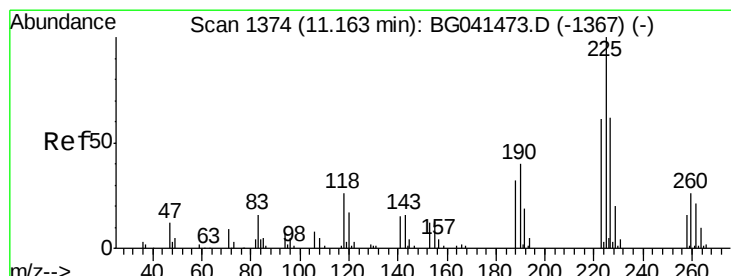
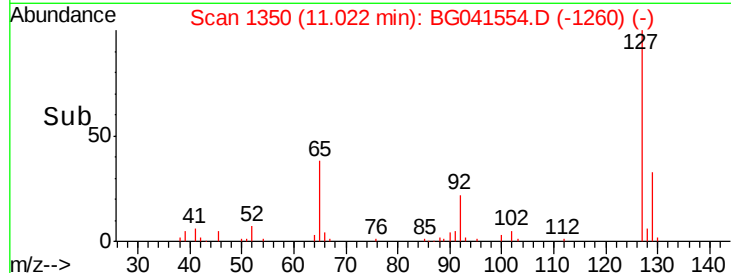
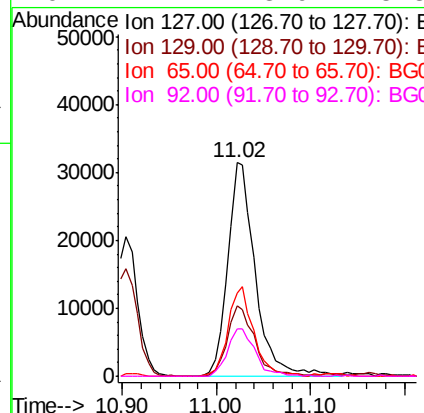
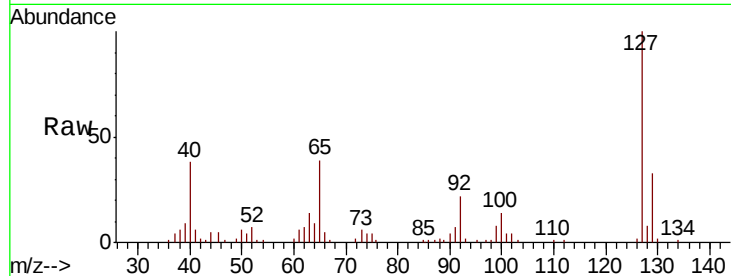
#33
 4-Chloroaniline
 Concen: 24.524 ng
 RT: 11.02 min Scan# 1350
 Delta R.T. -0.00 min
 Lab File: BG041554.D
 Acq: 1 Jul 2019 11:54

Instrument :
 BNA_G
 ClientSampleId :
 RBR-200027MSD

Tot Ion:	127	Resp:	64221
Ion Ratio	Lower	Upper	
127	100		
129	32.7	24.6	37.0
65	39.1	31.5	47.3
92	22.1	18.9	28.3

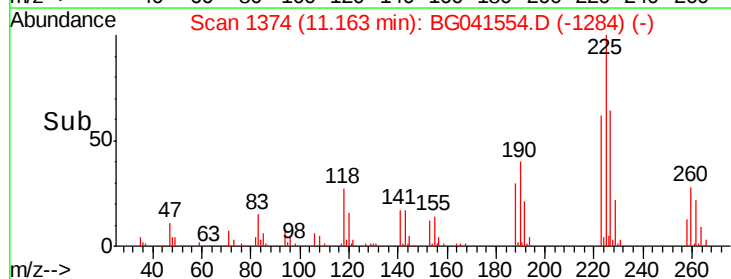
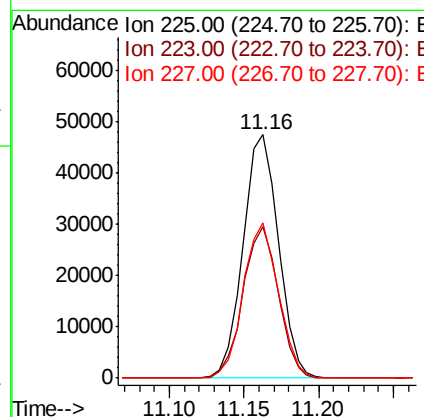
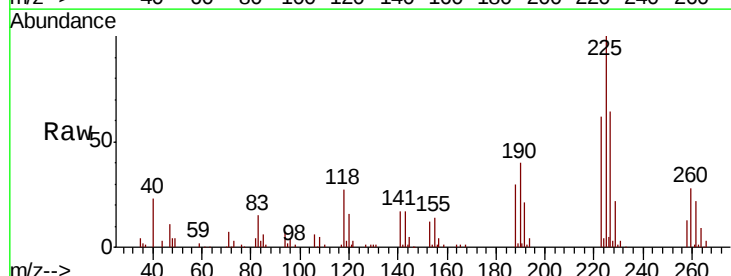
Manual Integrations
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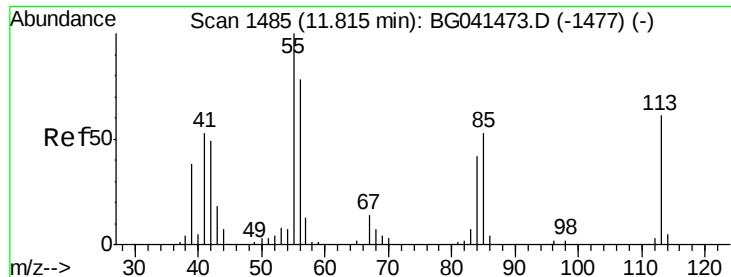
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#34
 Hexachlorobutadiene
 Concen: 36.124 ng
 RT: 11.16 min Scan# 1374
 Delta R.T. -0.00 min
 Lab File: BG041554.D
 Acq: 1 Jul 2019 11:54

Tgt Ion:	225	Resp:	78115
Ion Ratio	Lower	Upper	
225	100		
223	65.5	48.6	72.8
227	63.8	49.3	73.9





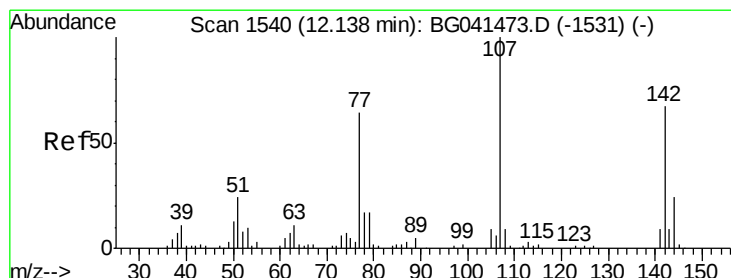
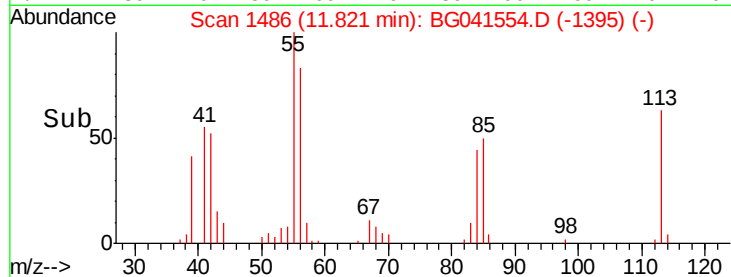
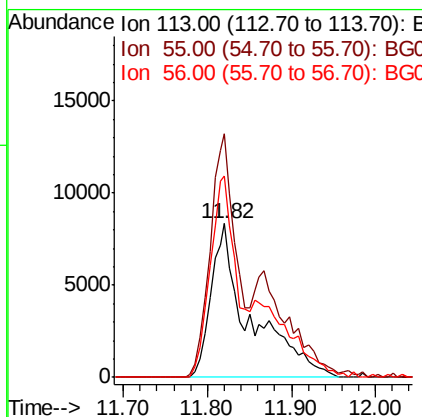
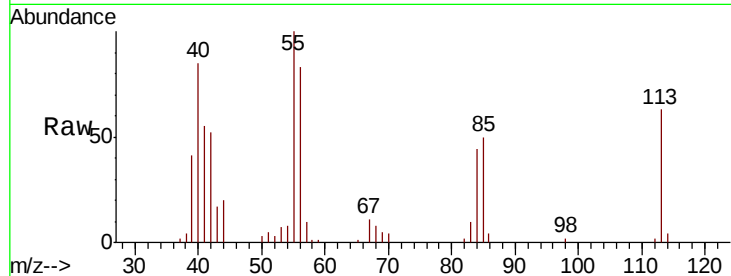
#35
Caprolactam
Concen: 40.535 ng/ml
RT: 11.82 min Scan# 1486
Delta R.T. 0.01 min
Lab File: BG041554.D
Acq: 1 Jul 2019 11:54

Instrument :
BNA_G
ClientSampleId :
RBR-200027MSD

Tot Ion: 113 Resp: 26901
Ion Ratio Lower Upper
113 100
55 158.6 145.1 185.1
56 131.2 109.4 149.4

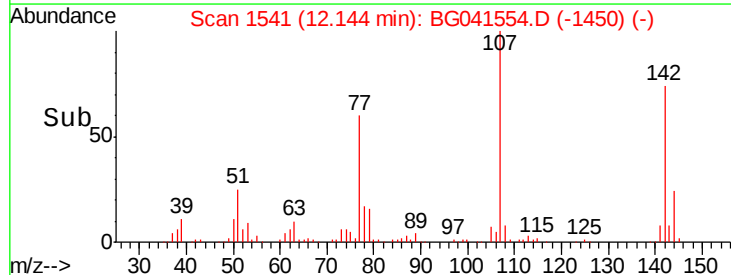
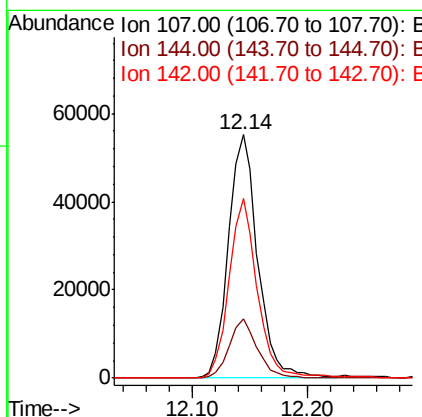
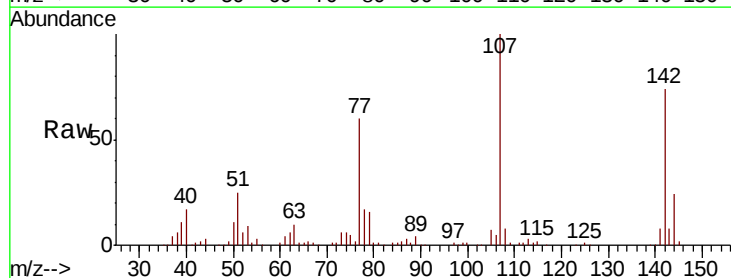
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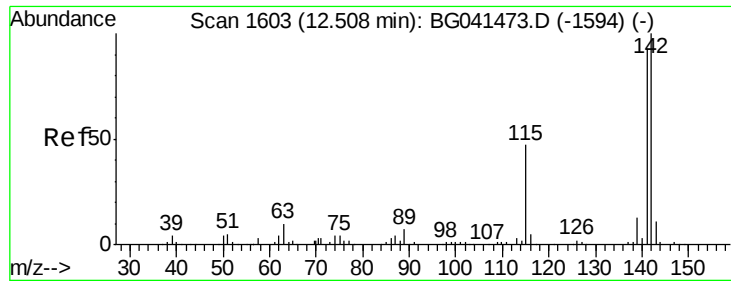
mohammad
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#36
4-Chloro-3-methylphenol
Concen: 42.120 ng
RT: 12.14 min Scan# 1541
Delta R.T. 0.01 min
Lab File: BG041554.D
Acq: 1 Jul 2019 11:54

Tgt Ion: 107 Resp: 96999
Ion Ratio Lower Upper
107 100
144 24.3 19.4 29.0
142 73.5 53.8 80.6





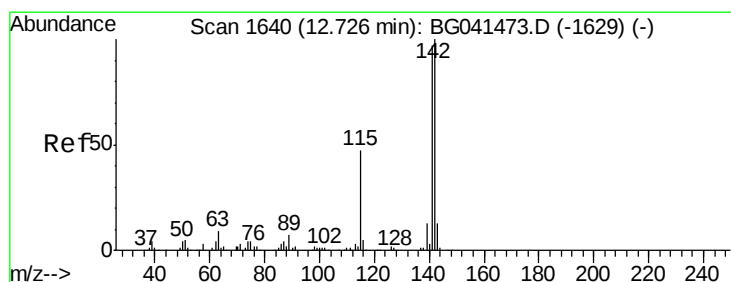
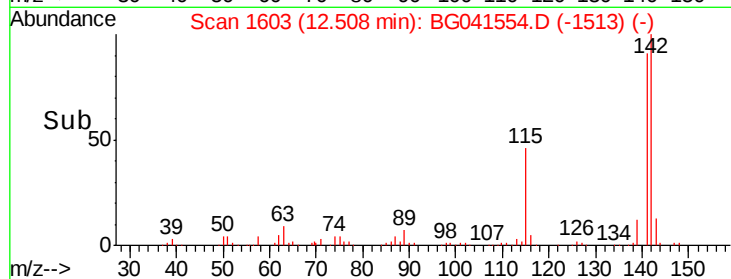
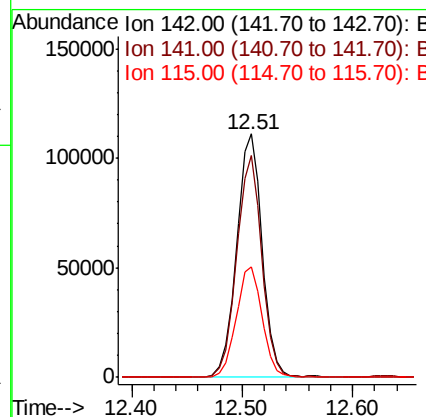
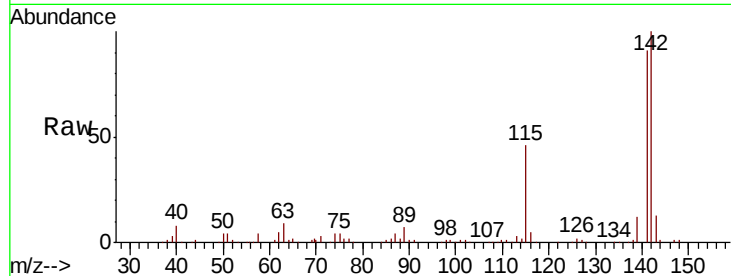
#37
2-Methylnaphthalene
Concen: 38.989 ng
RT: 12.51 min Scan# 1603
Delta R.T. -0.00 min
Lab File: BG041554.D
Acq: 1 Jul 2019 11:54

Instrument :
BNA_G
ClientSampleId :
RBR-200027MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.1	74.8	112.2
115	45.6	38.0	57.0

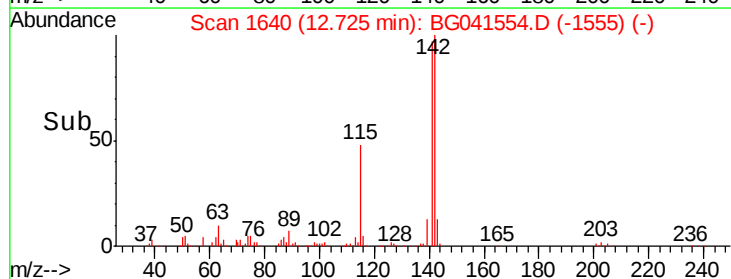
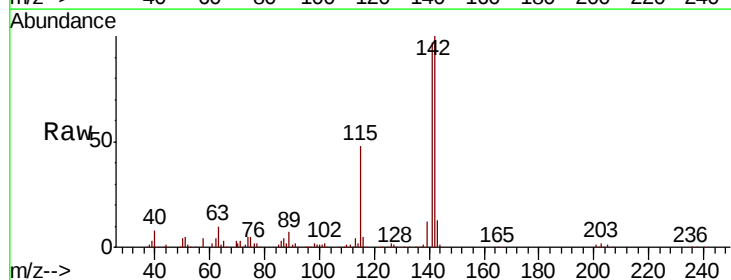
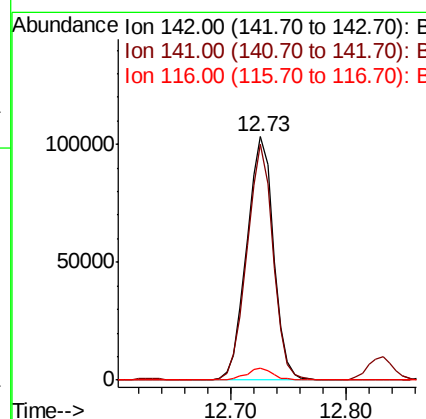
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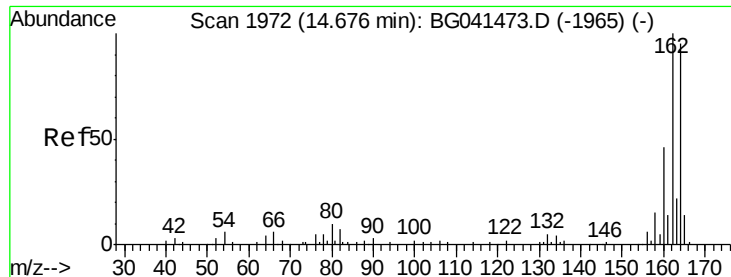
mohammad
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#38
1-Methylnaphthalene
Concen: 37.986 ng
RT: 12.73 min Scan# 1640
Delta R.T. -0.00 min
Lab File: BG041554.D
Acq: 1 Jul 2019 11:54

Tgt Ion	Ratio	Lower	Upper
142	100		
141	97.0	77.4	116.2
116	4.7	3.8	5.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.68 min Scan# 1972

Delta R.T. -0.00 min

Lab File: BG041554.D

Acq: 1 Jul 2019 11:54

Instrument :

BNA_G

ClientSampleId :

RBR-200027MSD

Tot Ion:164 Resp: 80329

Ion Ratio Lower Upper

164 100

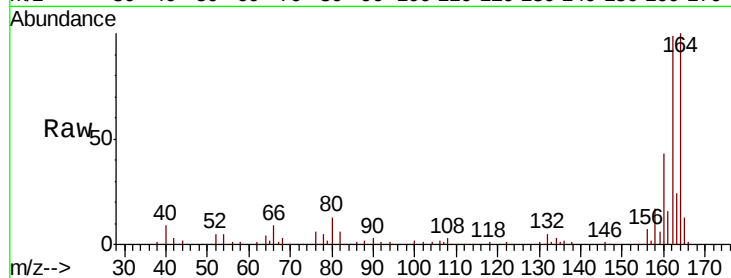
162 99.4 84.4 126.6

160 42.8 38.8 58.2

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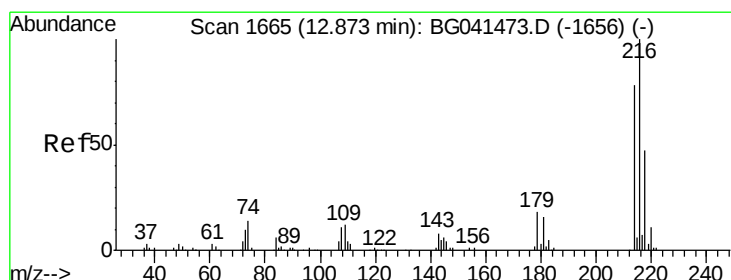
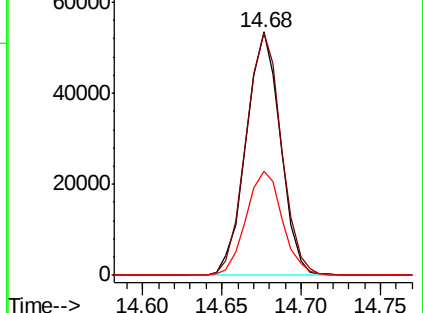
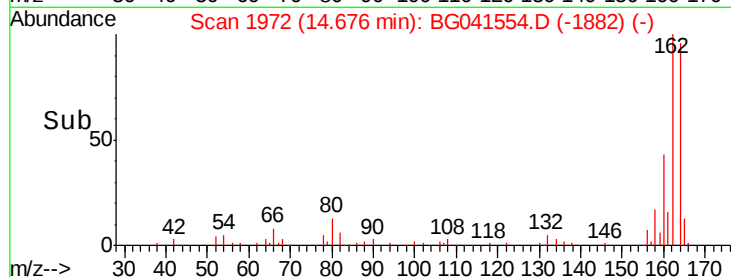
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Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.009 ng

RT: 12.87 min Scan# 1664

Delta R.T. -0.01 min

Lab File: BG041554.D

Acq: 1 Jul 2019 11:54

Tgt Ion:216 Resp: 137983

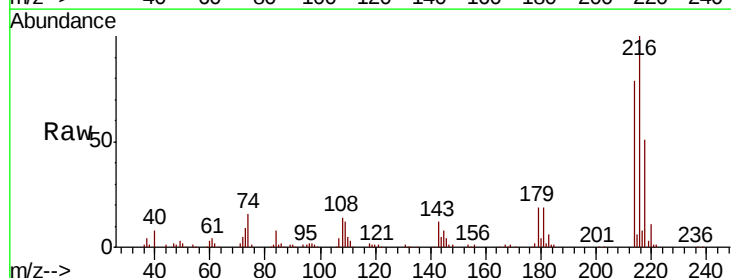
Ion Ratio Lower Upper

216 100

214 77.8 63.4 95.2

179 18.6 15.1 22.7

108 12.9 11.7 17.5

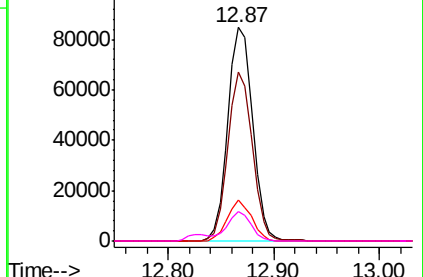
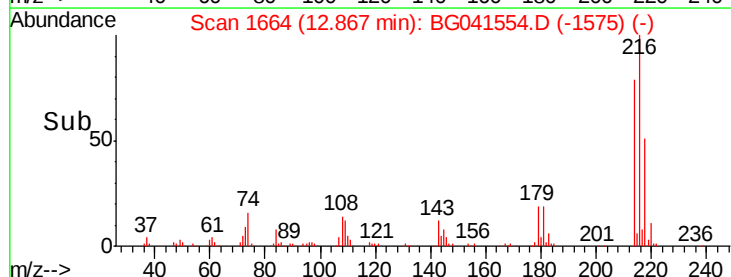


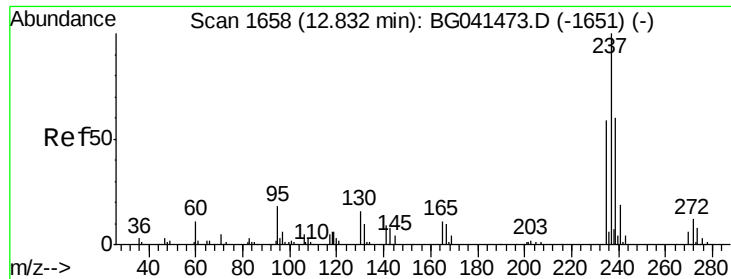
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 79.945 ng

RT: 12.83 min Scan# 1658

Delta R.T. 0.00 min

Lab File: BG041554.D

Acq: 1 Jul 2019 11:54

Instrument :

BNA_G

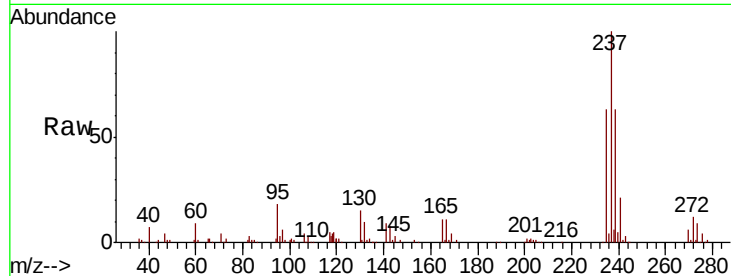
ClientSampleId :

RBR-200027MSD

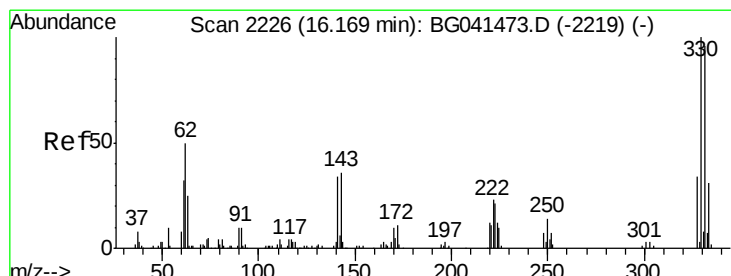
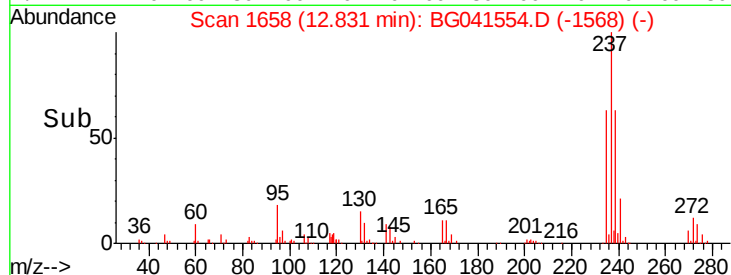
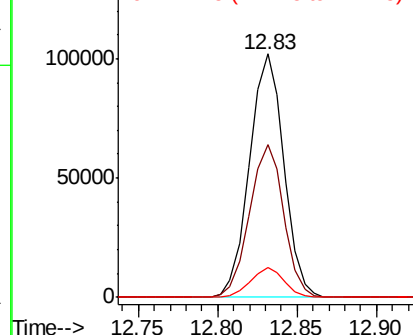
Tot Ion:	237	Resp:	153420
Ion Ratio	Lower	Upper	
237	100		
235	62.9	39.1	79.1
272	12.2	0.0	31.5

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



#42

2,4,6-Tribromophenol

Concen: 131.226 ng

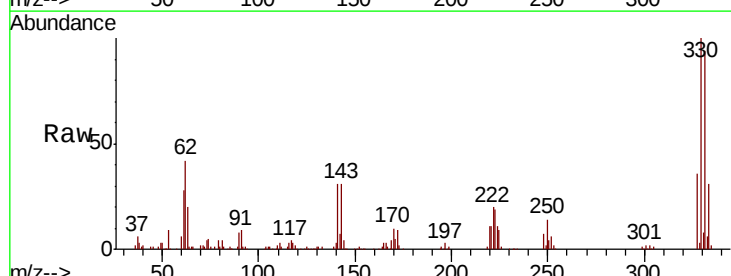
RT: 16.17 min Scan# 2227

Delta R.T. 0.01 min

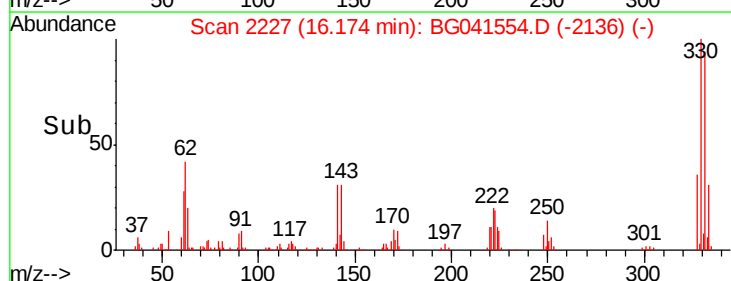
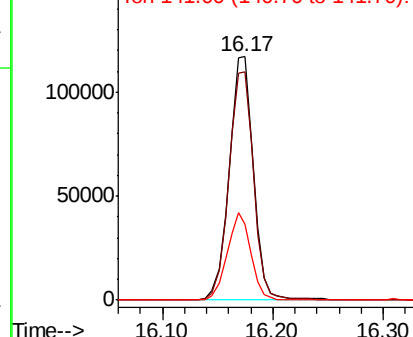
Lab File: BG041554.D

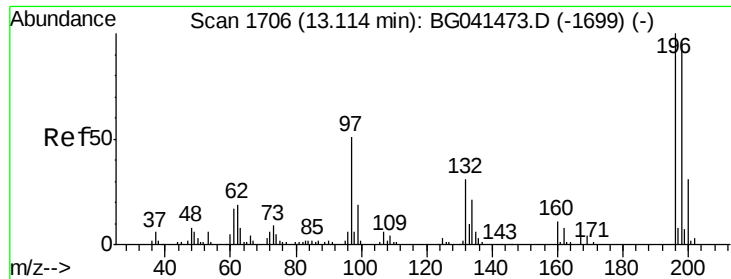
Acq: 1 Jul 2019 11:54

Tgt Ion:	330	Resp:	179985
Ion Ratio	Lower	Upper	
330	100		
332	95.5	75.5	113.3
141	34.8	27.8	41.6



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





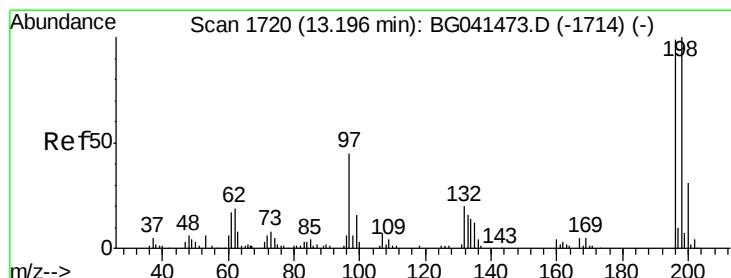
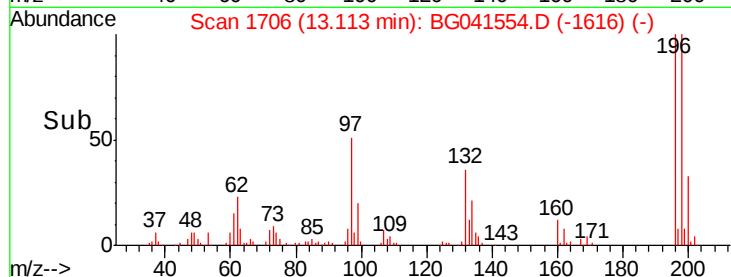
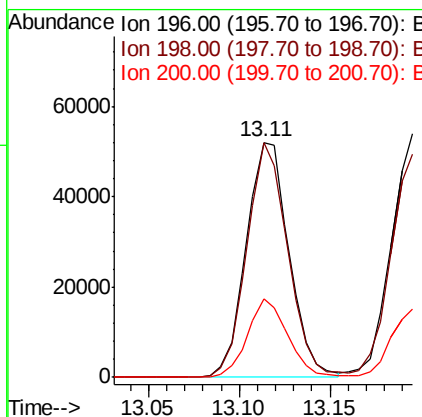
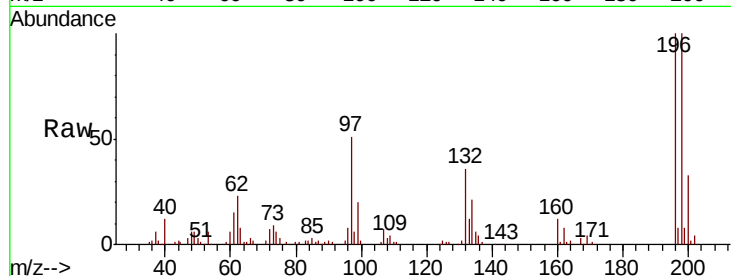
#43
 2,4,6-Trichlorophenol
 Concen: 40.723 ng
 RT: 13.11 min Scan# 1706
 Delta R.T. -0.00 min
 Lab File: BG041554.D
 Acq: 1 Jul 2019 11:54

Instrument :
 BNA_G
 ClientSampleId :
 RBR-200027MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	85462		
198	99.7	76.7	115.1	
200	33.3	24.4	36.6	

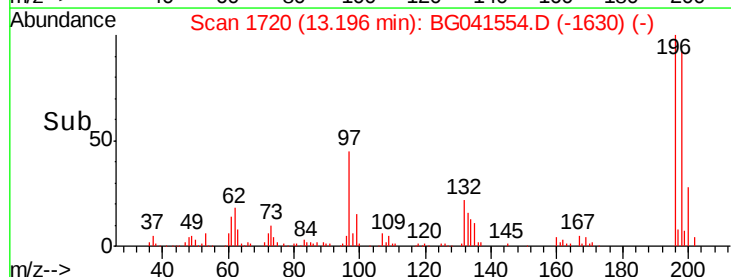
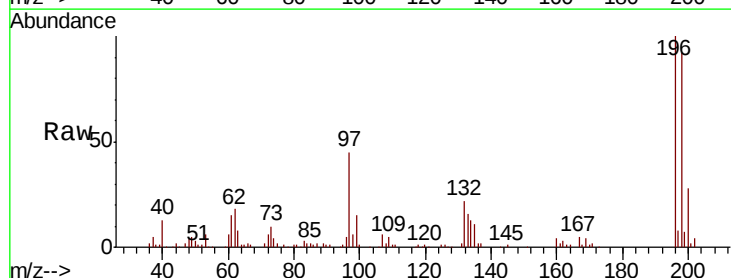
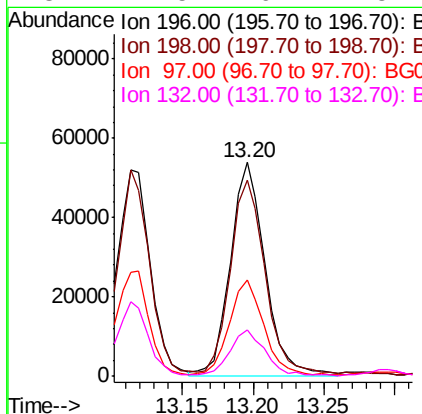
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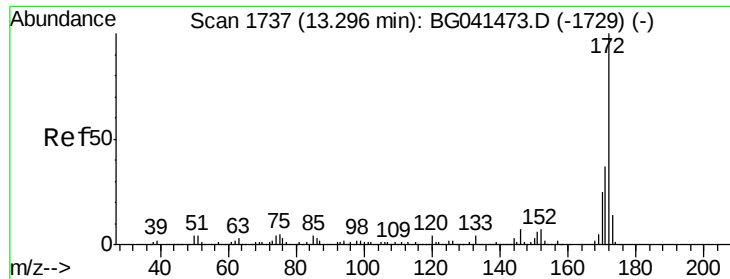
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 44.105 ng
 RT: 13.20 min Scan# 1720
 Delta R.T. -0.00 min
 Lab File: BG041554.D
 Acq: 1 Jul 2019 11:54

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	92214		
198	91.6	80.5	120.7	
97	45.2	36.5	54.7	
132	21.5	16.7	25.1	





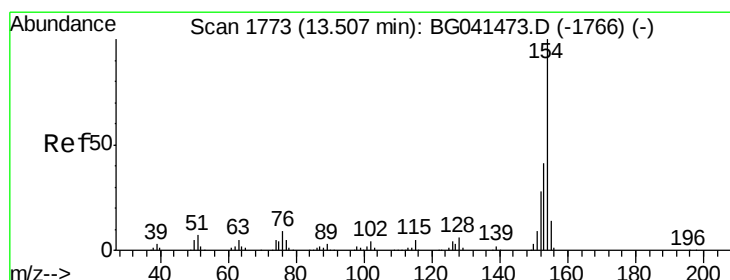
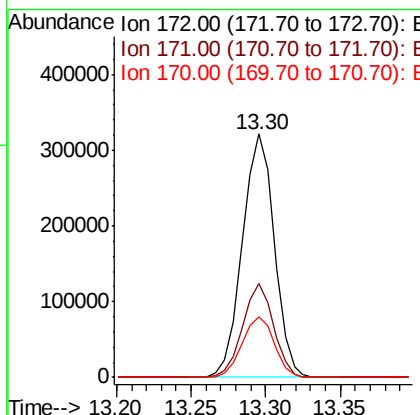
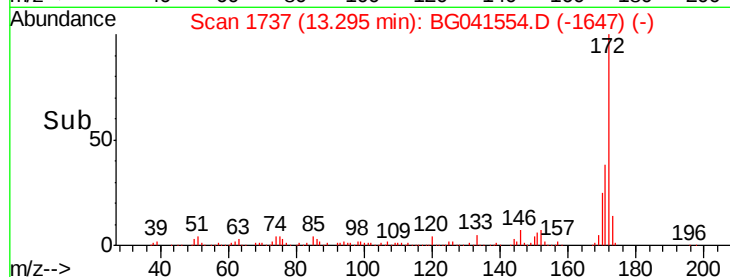
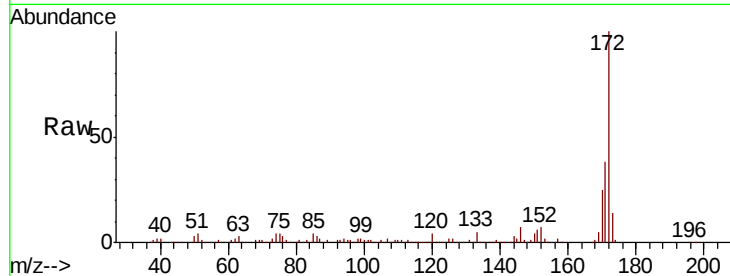
#45
2-Fluorobiphenyl
Concen: 75.867 ng
RT: 13.30 min Scan# 1737
Delta R.T. -0.00 min
Lab File: BG041554.D
Acq: 1 Jul 2019 11:54

Instrument :
BNA_G
ClientSampleId :
RBR-200027MSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.5	29.6	44.4
170	25.1	20.0	30.0

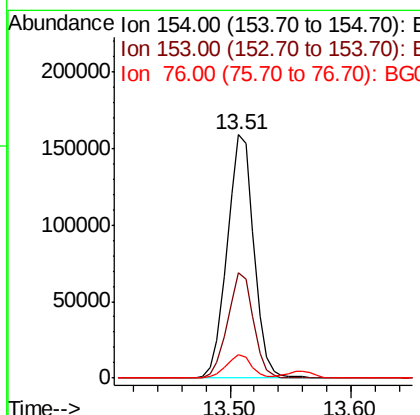
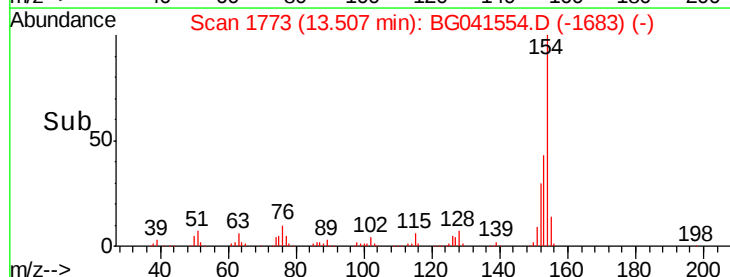
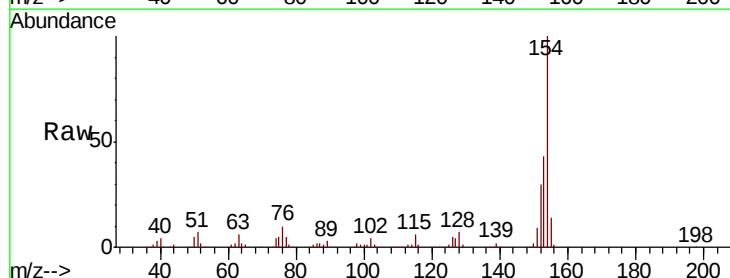
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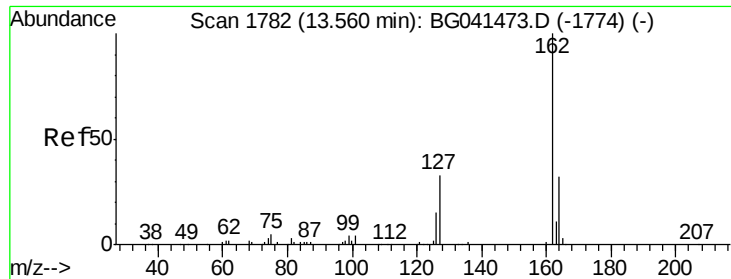
mohammad
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#46
1,1'-Biphenyl
Concen: 38.423 ng
RT: 13.51 min Scan# 1773
Delta R.T. -0.00 min
Lab File: BG041554.D
Acq: 1 Jul 2019 11:54

Tgt Ion	Ratio	Lower	Upper
154	100		
153	43.2	20.9	60.9
76	9.6	0.0	29.4





#47

2-Chloronaphthalene

Concen: 37.519 ng

RT: 13.56 min Scan# 1782

Delta R.T. -0.00 min

Lab File: BG041554.D

Acq: 1 Jul 2019 11:54

Instrument :

BNA_G

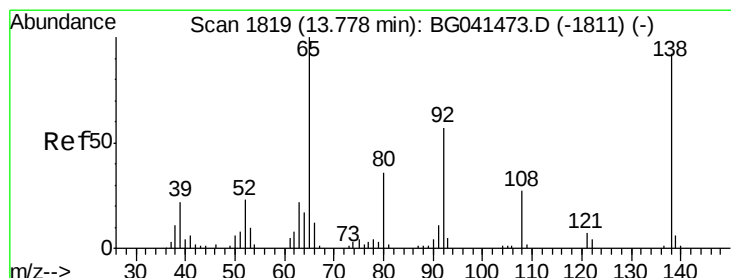
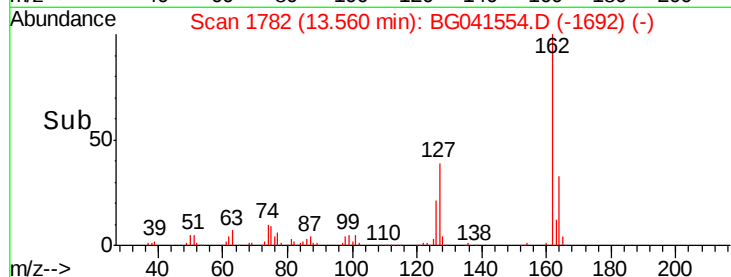
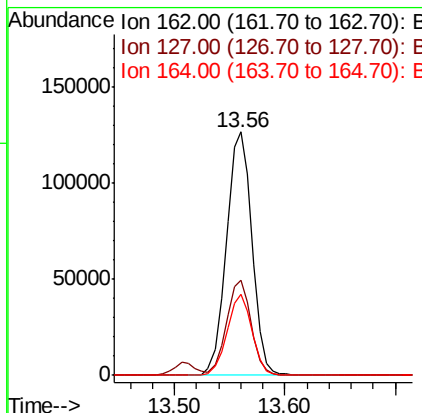
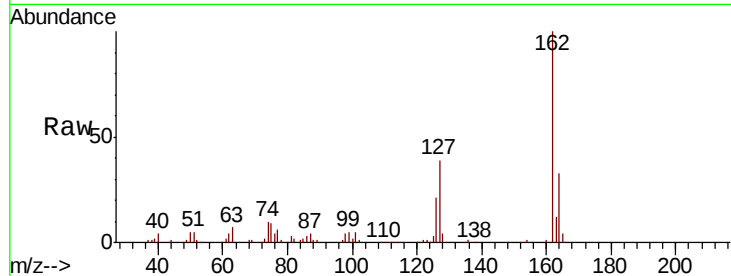
ClientSampleId :

RBR-200027MSD

Tot Ion:	162	Resp:	204256
Ion Ratio	Lower	Upper	
162	100		
127	38.9	30.0	45.0
164	33.2	25.8	38.6

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#48

2-Nitroaniline

Concen: 36.226 ng

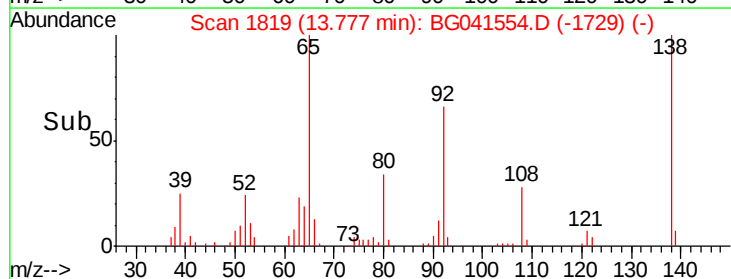
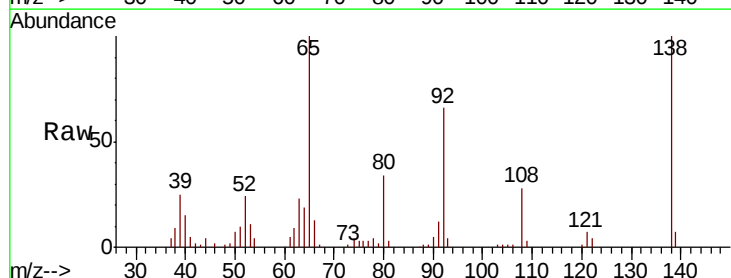
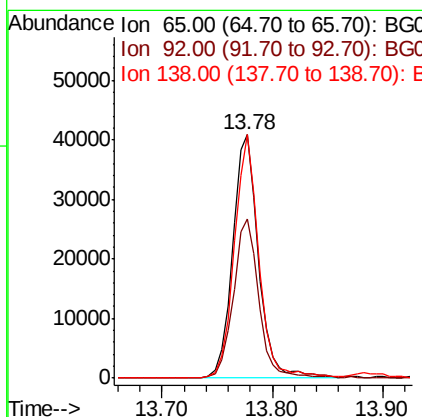
RT: 13.78 min Scan# 1819

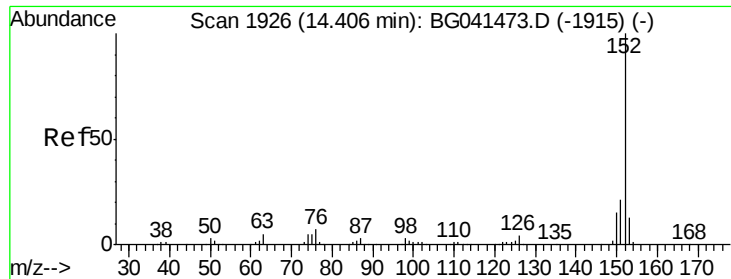
Delta R.T. -0.00 min

Lab File: BG041554.D

Acq: 1 Jul 2019 11:54

Tgt Ion:	65	Resp:	66853
Ion Ratio	Lower	Upper	
65	100		
92	65.6	45.9	68.9
138	99.9	73.4	110.2





#49

Acenaphthylene

Concen: 39.425 ng

RT: 14.40 min Scan# 1925

Delta R.T. -0.01 min

Lab File: BG041554.D

Acq: 1 Jul 2019 11:54

Instrument :

BNA_G

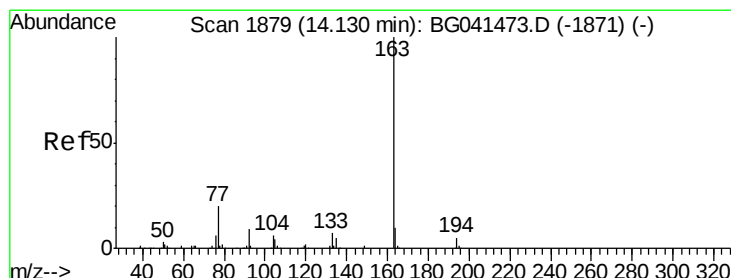
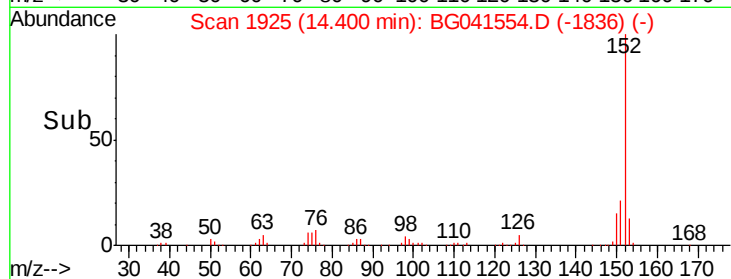
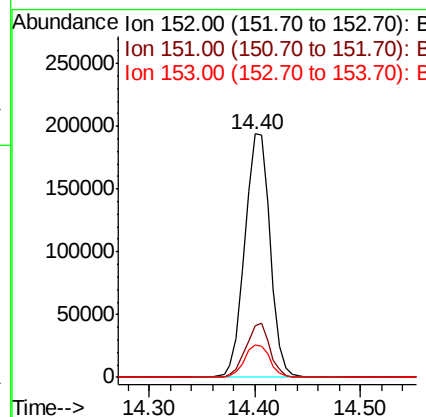
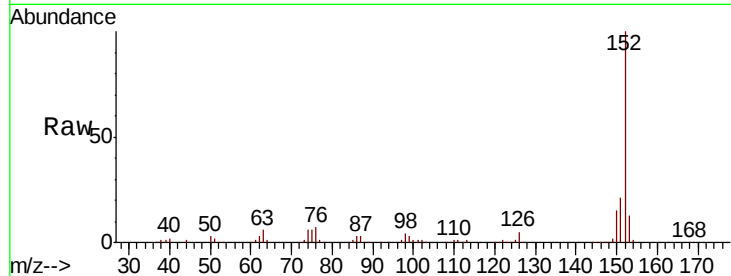
ClientSampleId :

RBR-200027MSD

Tot Ion:	152	Resp:	320807
Ion Ratio	Lower	Upper	
152	100		
151	21.1	16.7	25.1
153	13.5	10.8	16.2

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#50

Dimethylphthalate

Concen: 46.452 ng

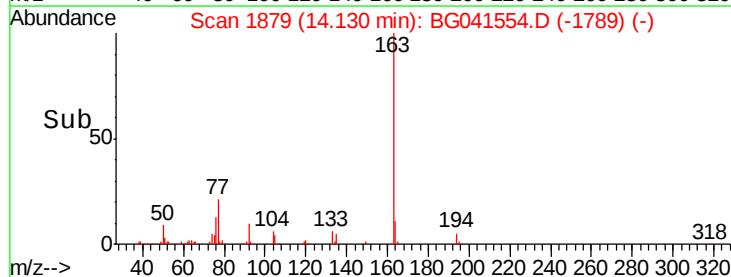
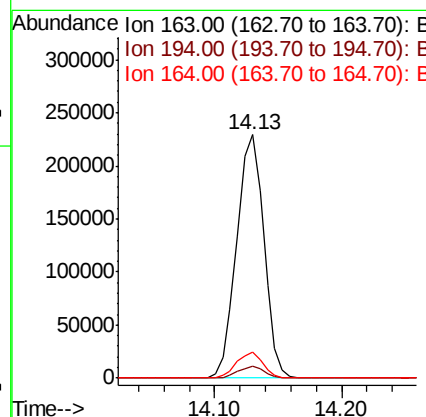
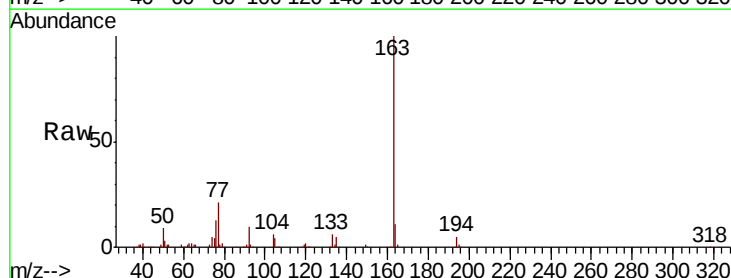
RT: 14.13 min Scan# 1879

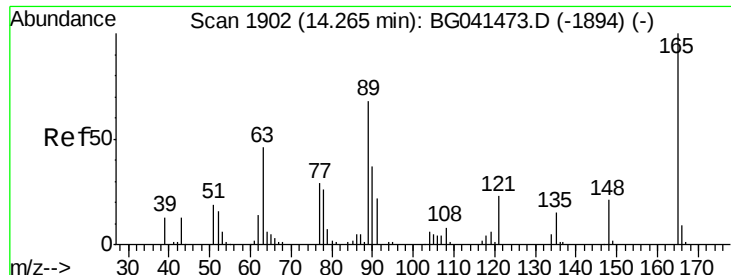
Delta R.T. -0.00 min

Lab File: BG041554.D

Acq: 1 Jul 2019 11:54

Tgt Ion:	163	Resp:	339567
Ion Ratio	Lower	Upper	
163	100		
194	4.7	3.7	5.5
164	10.8	7.8	11.6





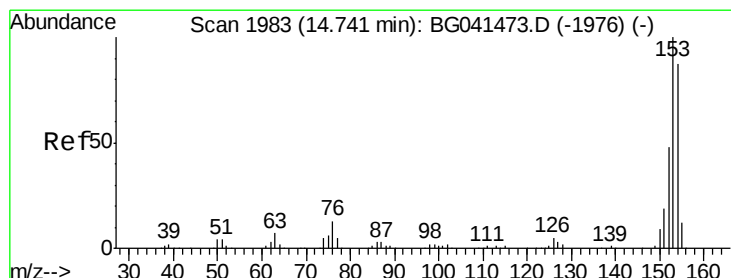
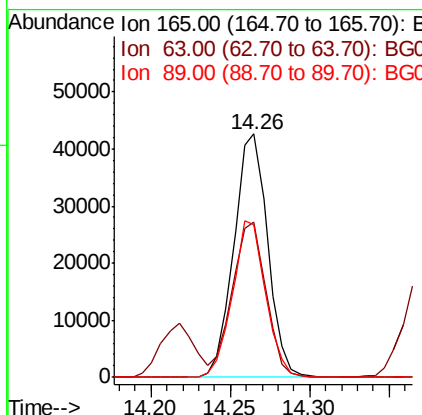
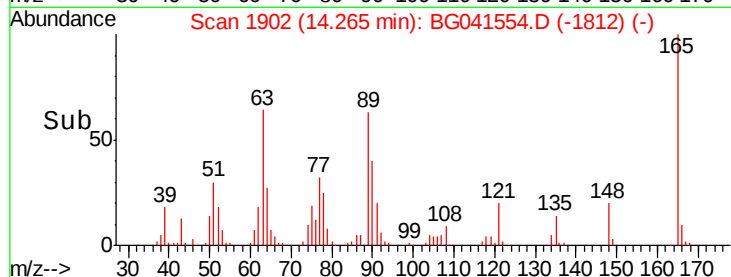
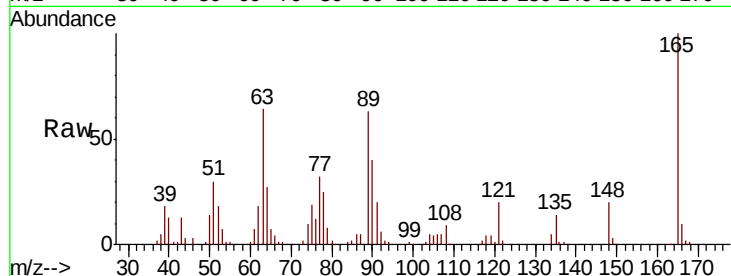
#51
 2,6-Dinitrotoluene
 Concen: 40.580 ng
 RT: 14.26 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: BG041554.D
 Acq: 1 Jul 2019 11:54

Instrument :
 BNA_G
 ClientSampleId :
 RBR-200027MSD

Tot Ion	Ratio	Lower	Upper
165	100		
63	63.9	56.4	84.6
89	62.8	54.6	81.8

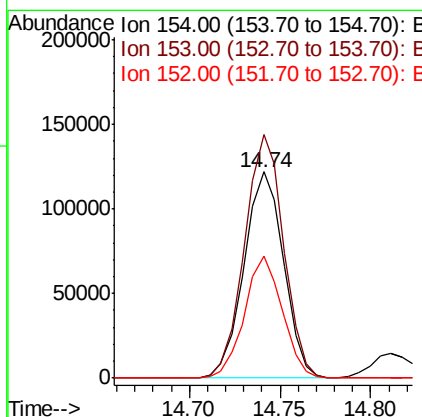
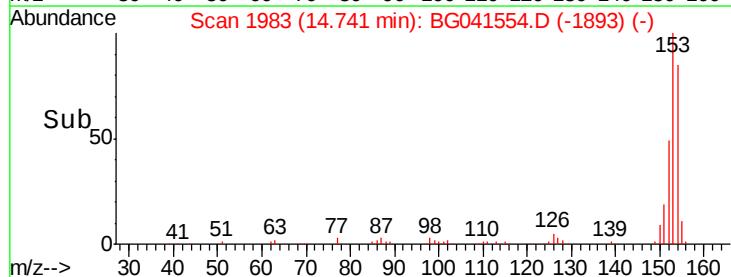
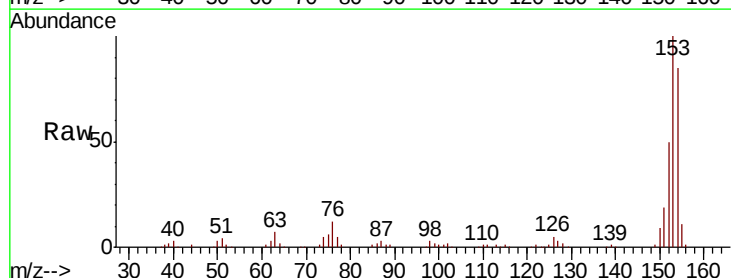
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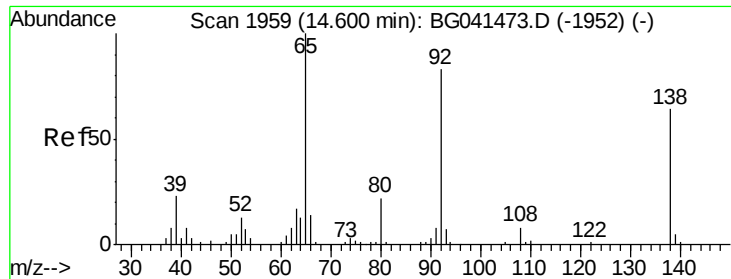
mohammad
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#52
 Acenaphthene
 Concen: 38.440 ng
 RT: 14.74 min Scan# 1983
 Delta R.T. -0.00 min
 Lab File: BG041554.D
 Acq: 1 Jul 2019 11:54

Tgt Ion	Ratio	Lower	Upper
154	100		
153	118.0	92.2	138.4
152	59.4	44.1	66.1





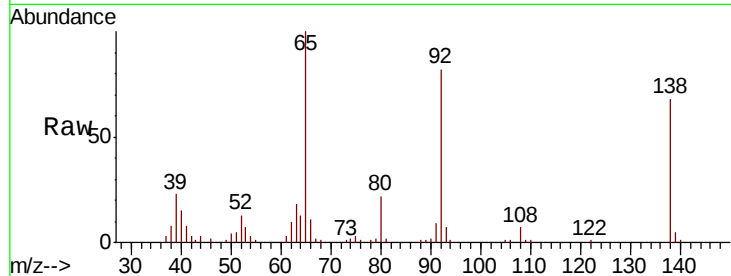
#53
3-Nitroaniline
Concen: 28.253 ng
RT: 14.60 min Scan# 1959
Delta R.T. -0.00 min
Lab File: BG041554.D
Acq: 1 Jul 2019 11:54

Instrument :
BNA_G
ClientSampleId :
RBR-200027MSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.6	9.5	14.3
92	120.8	103.3	154.9

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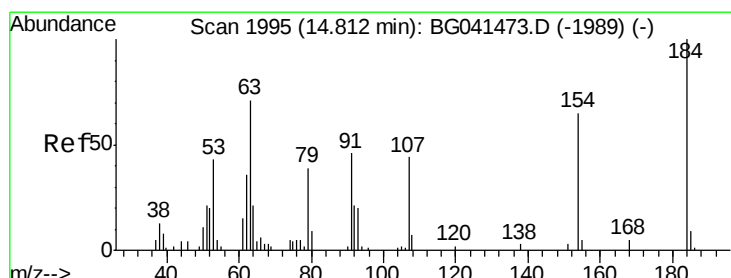
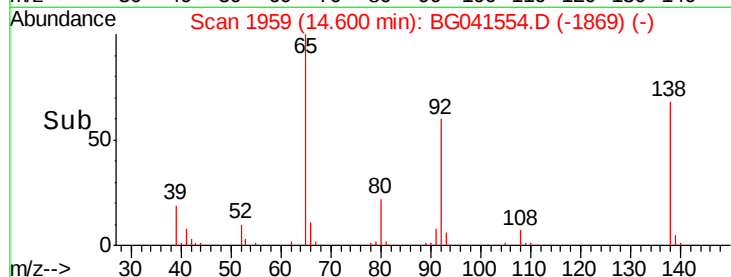
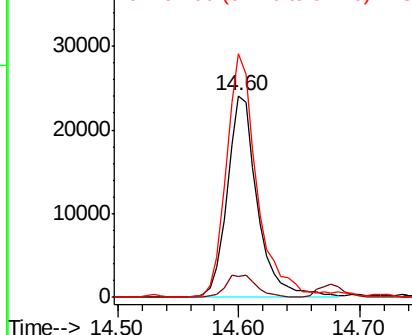


Abundance

Ion 138.00 (137.70 to 138.70): E

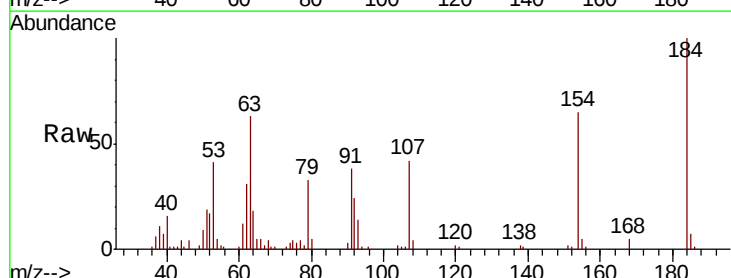
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54
2,4-Dinitrophenol
Concen: 44.606 ng
RT: 14.81 min Scan# 1995
Delta R.T. 0.00 min
Lab File: BG041554.D
Acq: 1 Jul 2019 11:54

Tgt Ion	Ratio	Lower	Upper
184	100		
63	63.1	56.5	84.7
154	64.8	54.2	81.4

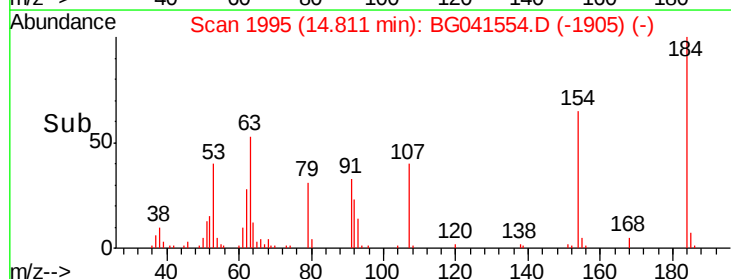
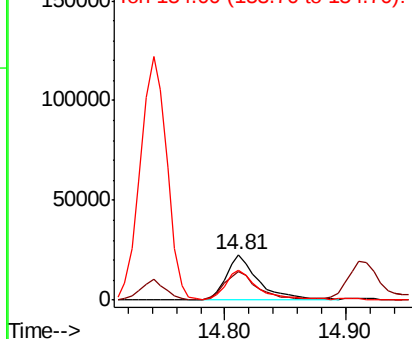


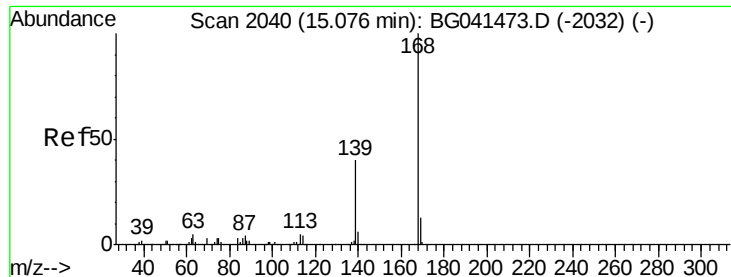
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E





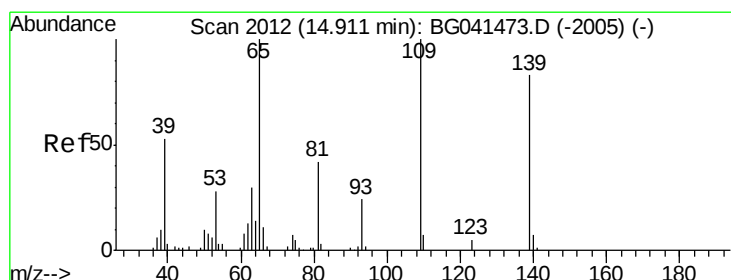
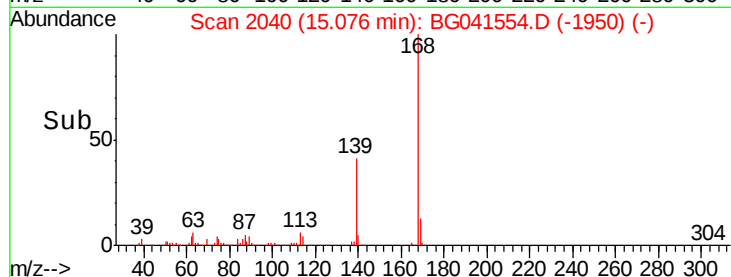
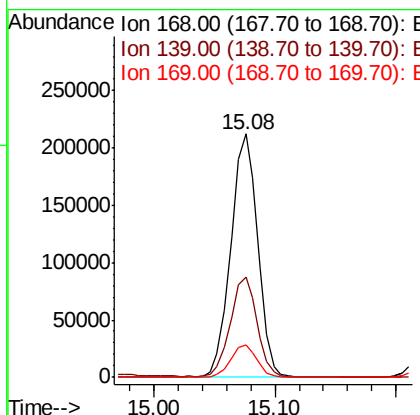
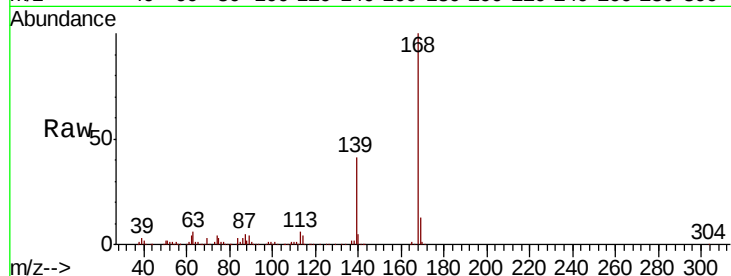
#55
Dibenzofuran
Concen: 39.233 ng
RT: 15.08 min Scan# 2040
Delta R.T. -0.00 min
Lab File: BG041554.D
Acq: 1 Jul 2019 11:54

Instrument :
BNA_G
ClientSampleId :
RBR-200027MSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	41.2	32.2	48.4
169	13.3	10.6	16.0

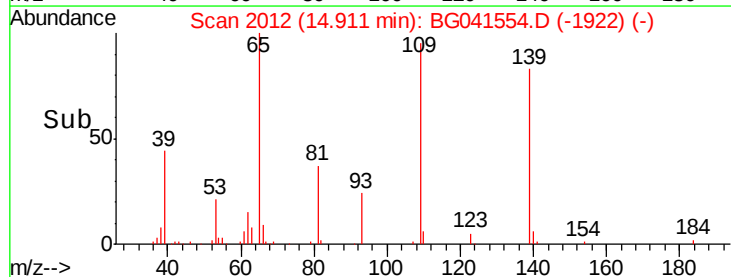
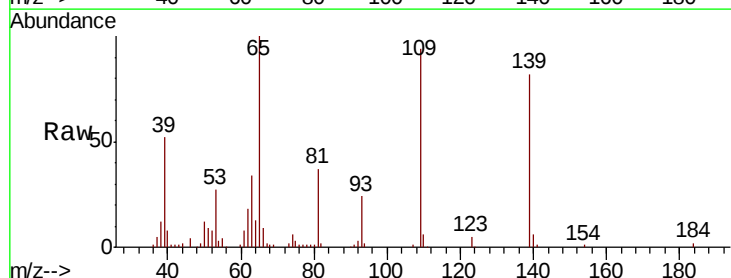
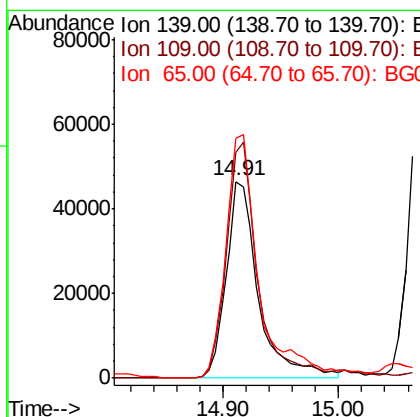
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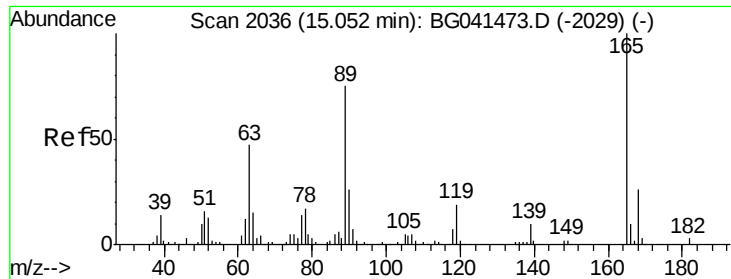
mohammad
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#56
4-Nitrophenol
Concen: 93.975 ng
RT: 14.91 min Scan# 2012
Delta R.T. -0.00 min
Lab File: BG041554.D
Acq: 1 Jul 2019 11:54

Tgt Ion	Ratio	Lower	Upper
139	100		
109	114.7	99.9	139.9
65	121.8	100.6	140.6





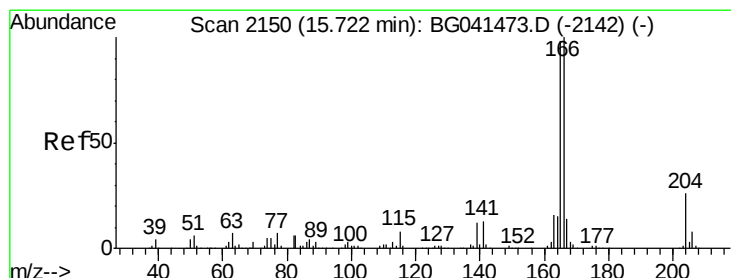
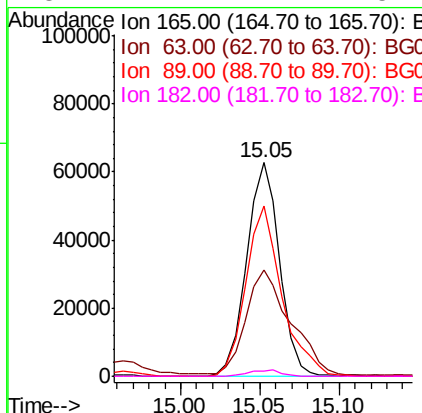
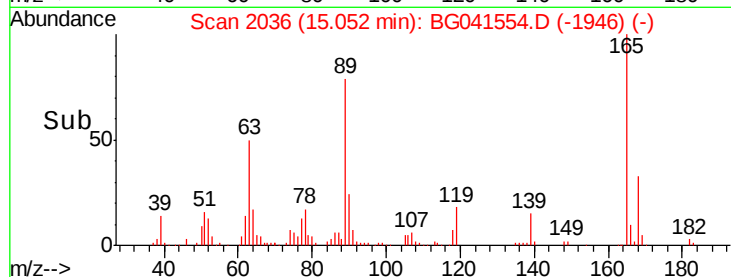
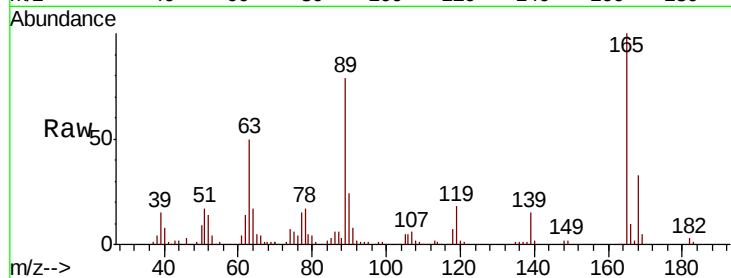
#57
2,4-Dinitrotoluene
Concen: 40.129 ng
RT: 15.05 min Scan# 2036
Delta R.T. -0.00 min
Lab File: BG041554.D
Acq: 1 Jul 2019 11:54

Instrument :
BNA_G
ClientSampleId :
RBR-200027MSD

Tot Ion	Ratio	Lower	Upper
165	100		
63	49.6	38.8	58.2
89	79.5	60.1	90.1
182	2.7	2.2	3.2

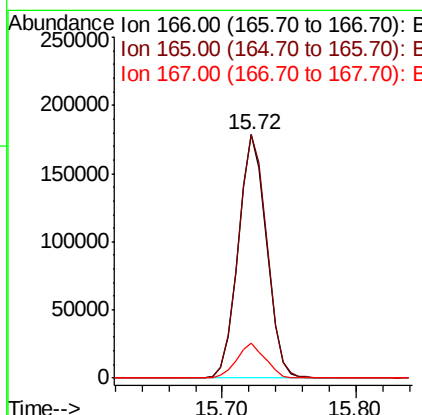
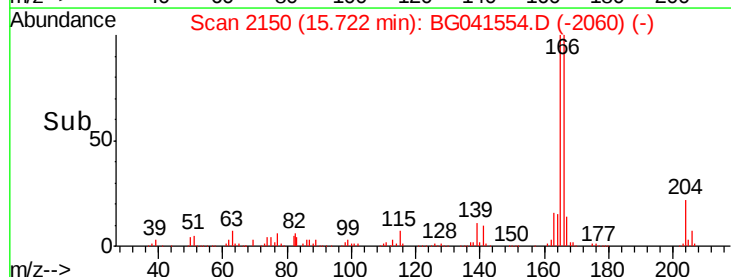
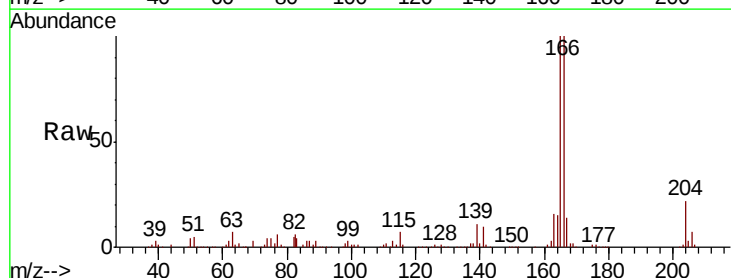
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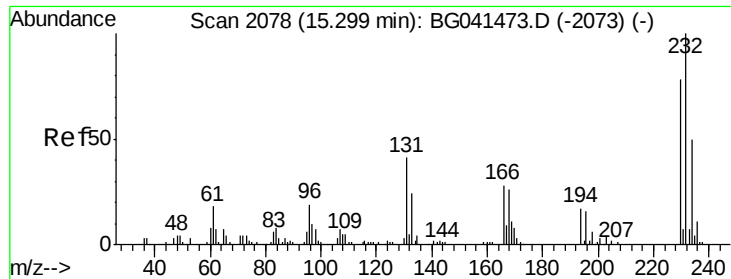
mohammad
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#58
Fluorene
Concen: 39.046 ng
RT: 15.72 min Scan# 2150
Delta R.T. -0.00 min
Lab File: BG041554.D
Acq: 1 Jul 2019 11:54

Tgt Ion	Ratio	Lower	Upper
166	100		
165	100.1	78.6	117.8
167	14.2	11.4	17.0





#59

2,3,4,6-Tetrachlorophenol

Concen: 43.628 ng

RT: 15.30 min Scan# 2078

Delta R.T. -0.00 min

Lab File: BG041554.D

Acq: 1 Jul 2019 11:54

Instrument :

BNA_G

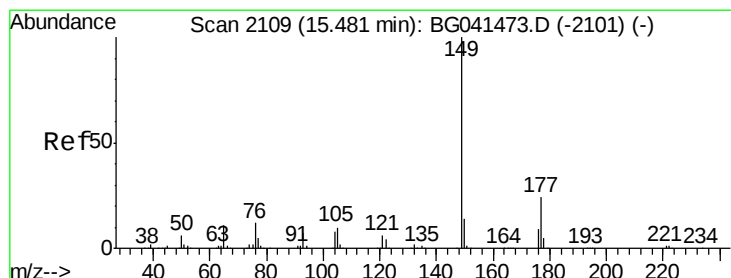
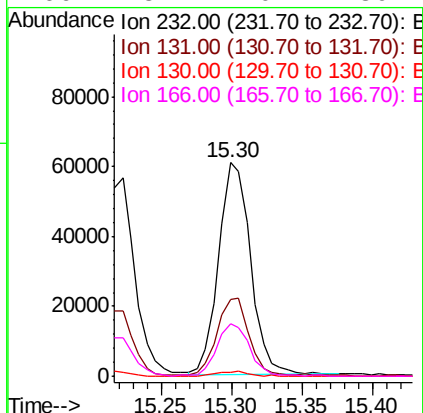
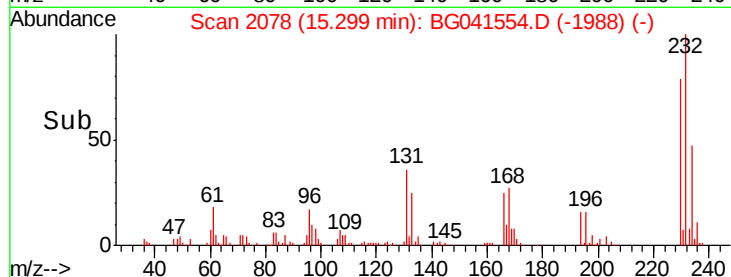
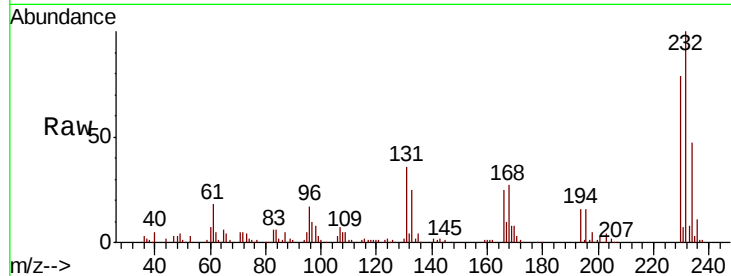
ClientSampleId :

RBR-200027MSD

Tot Ion	Ratio	Lower	Upper
232	100		
131	36.1	29.8	44.6
130	2.4	2.0	3.0
166	25.4	20.2	30.2

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#60

Diethylphthalate

Concen: 37.709 ng

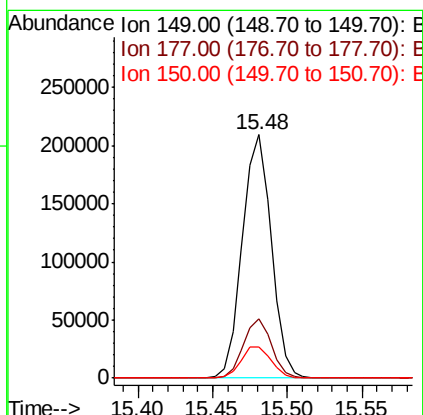
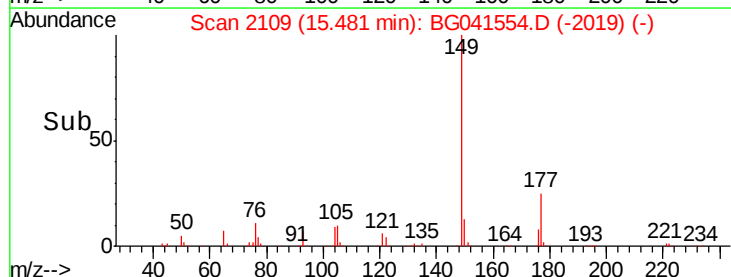
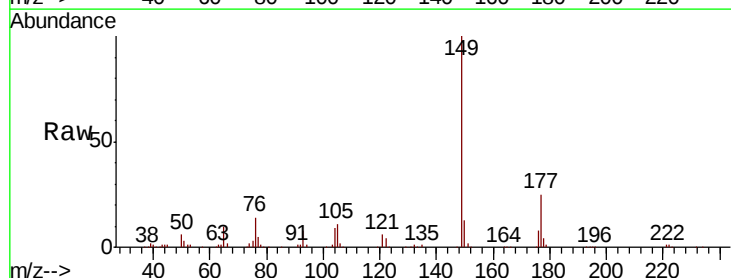
RT: 15.48 min Scan# 2109

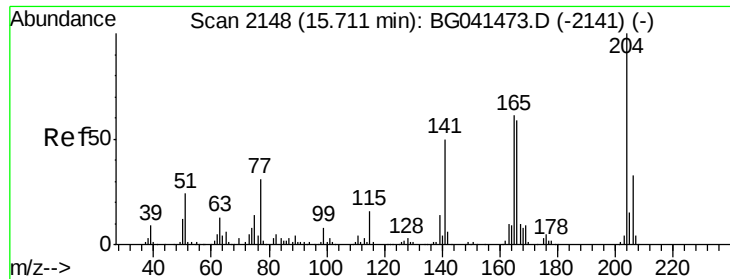
Delta R.T. -0.00 min

Lab File: BG041554.D

Acq: 1 Jul 2019 11:54

Tgt Ion	Ratio	Lower	Upper
149	100		
177	24.5	19.2	28.8
150	12.9	11.2	16.8





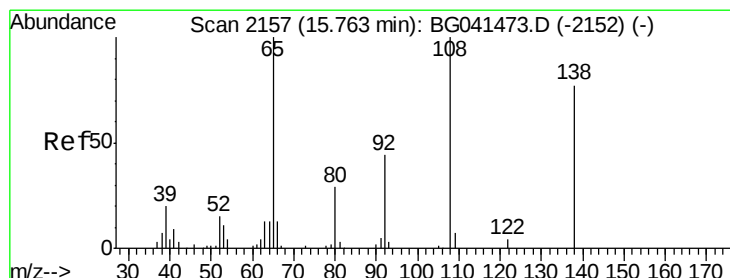
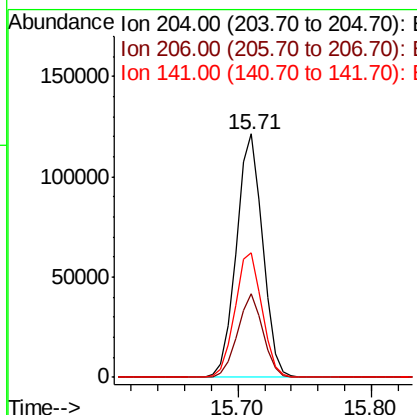
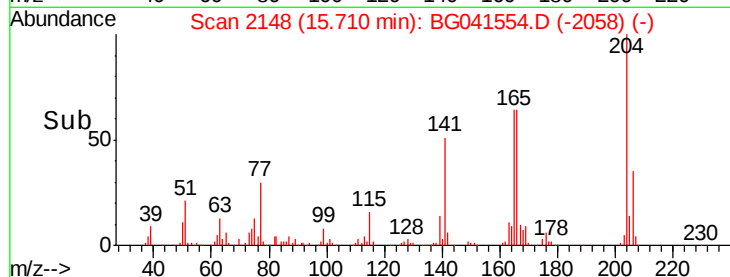
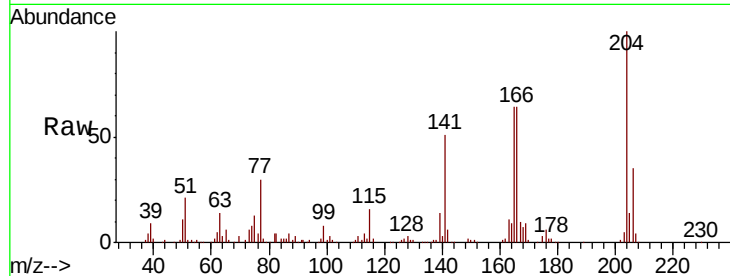
#61
 4-Chlorophenyl-phenylether
 Concen: 38.362 ng
 RT: 15.71 min Scan# 2148
 Delta R.T. -0.00 min
 Lab File: BG041554.D
 Acq: 1 Jul 2019 11:54

Instrument :
 BNA_G
 ClientSampleId :
 RBR-200027MSD

Tot Ion:	204	Resp:	165365
Ion Ratio	Lower	Upper	
204	100		
206	34.5	26.6	40.0
141	51.2	40.1	60.1

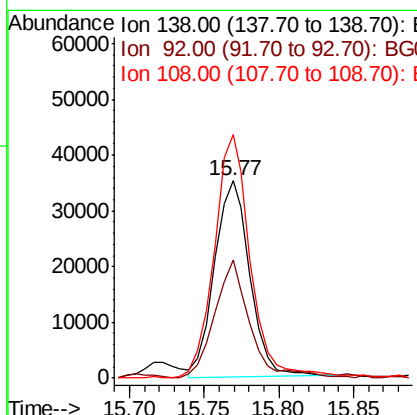
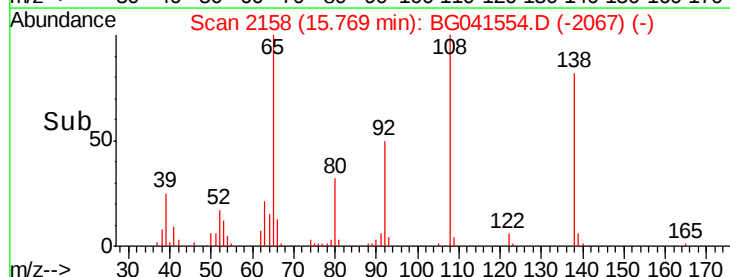
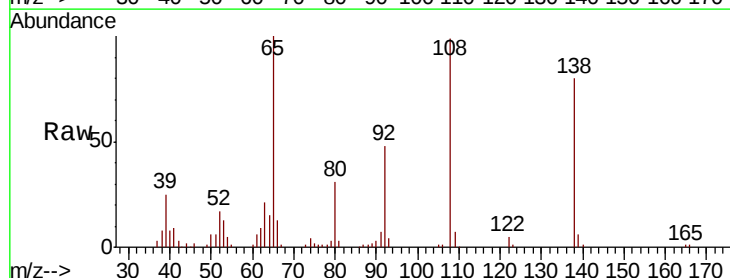
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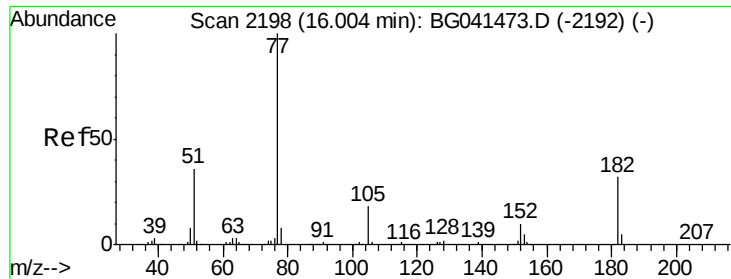
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#62
 4-Nitroaniline
 Concen: 40.025 ng
 RT: 15.77 min Scan# 2158
 Delta R.T. 0.01 min
 Lab File: BG041554.D
 Acq: 1 Jul 2019 11:54

Tgt Ion:	138	Resp:	57770
Ion Ratio	Lower	Upper	
138	100		
92	60.2	34.9	74.9
108	123.4	105.5	145.5





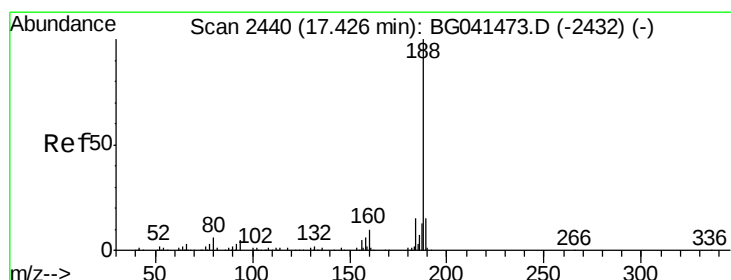
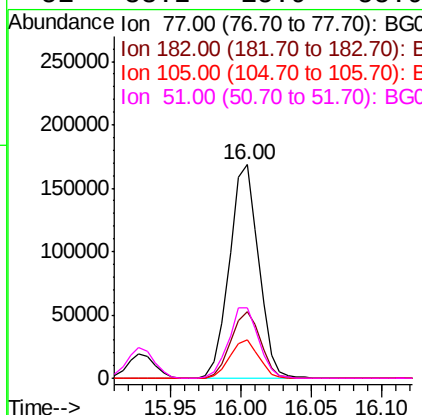
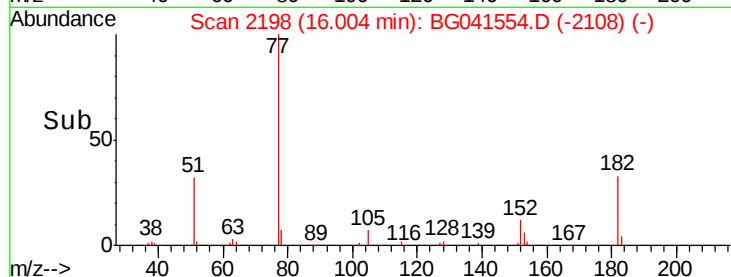
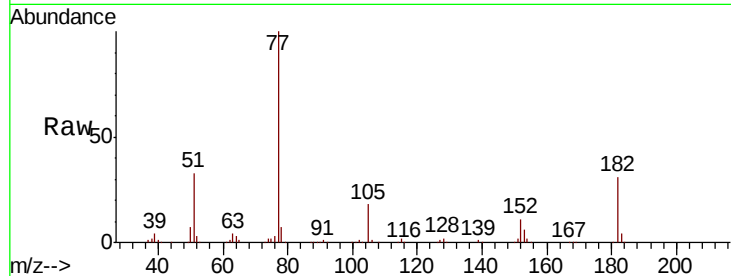
#63
Azobenzene
Concen: 38.463 ng
RT: 16.00 min Scan# 2198
Delta R.T. -0.00 min
Lab File: BG041554.D
Acq: 1 Jul 2019 11:54

Instrument :
BNA_G
ClientSampleId :
RBR-200027MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
182	31.4	12.2	52.2		
105	17.7	0.0	38.1		
51	33.2	15.9	55.9		

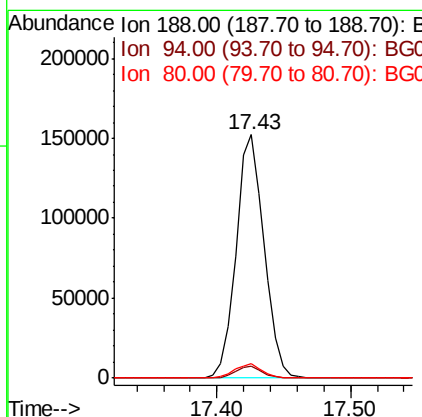
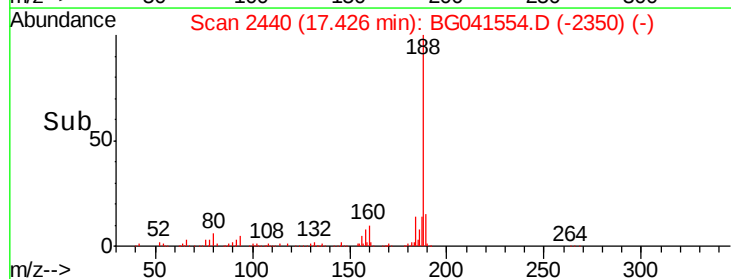
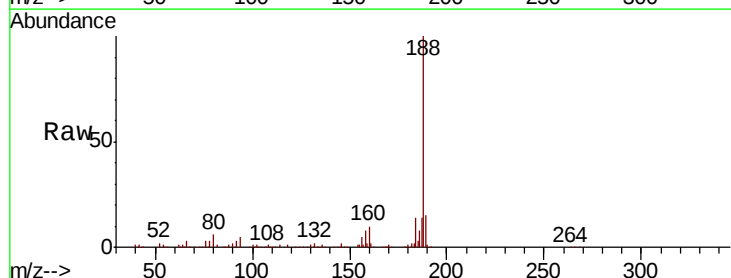
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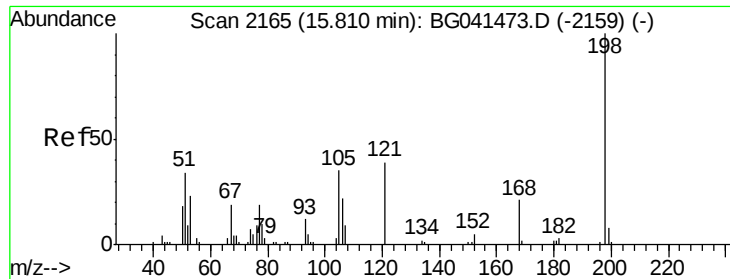
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.43 min Scan# 2440
Delta R.T. -0.00 min
Lab File: BG041554.D
Acq: 1 Jul 2019 11:54

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100				
94	5.0	3.8	5.8		
80	6.2	4.8	7.2		





#65

4,6-Dinitro-2-methylphenol

Concen: 39.415 ng

RT: 15.82 min Scan# 2166

Delta R.T. 0.01 min

Lab File: BG041554.D

Acq: 1 Jul 2019 11:54

Instrument :

BNA_G

ClientSampleId :

RBR-200027MSD

Tot Ion:198 Resp: 53755

Ion Ratio Lower Upper

198 100

51 39.0 19.0 59.0

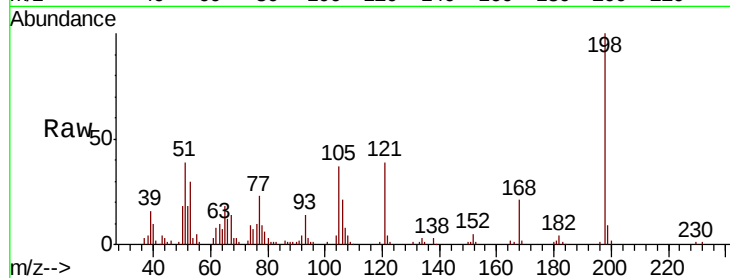
105 37.5 16.1 56.1

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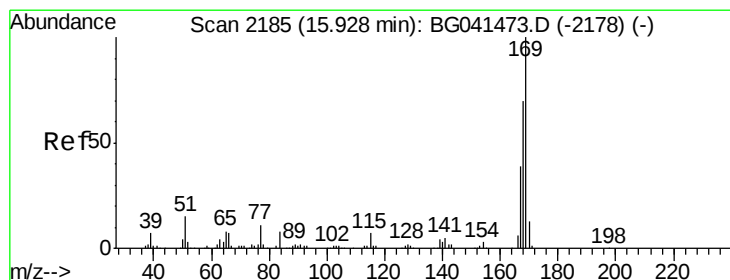
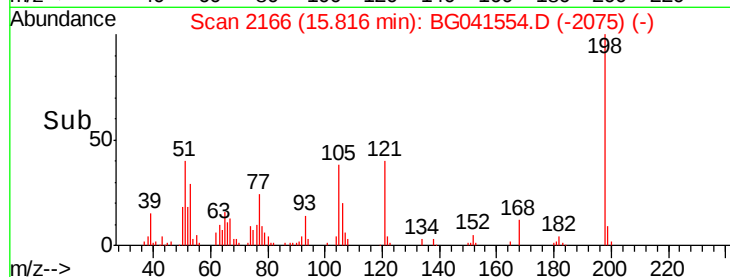
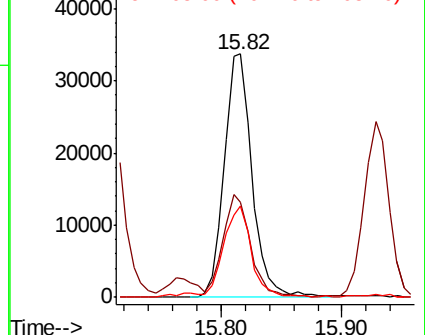
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG041554.D (-2095) (-)

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 39.234 ng

RT: 15.93 min Scan# 2185

Delta R.T. -0.00 min

Lab File: BG041554.D

Acq: 1 Jul 2019 11:54

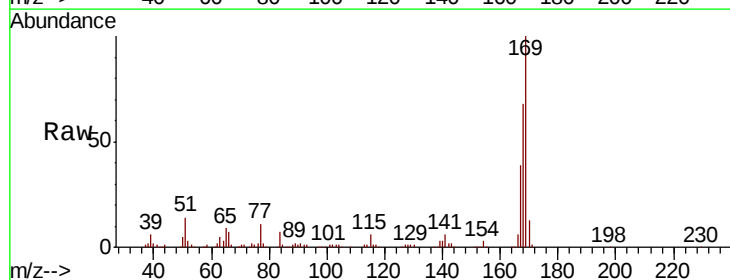
Tgt Ion:169 Resp: 237781

Ion Ratio Lower Upper

169 100

168 68.1 56.2 84.4

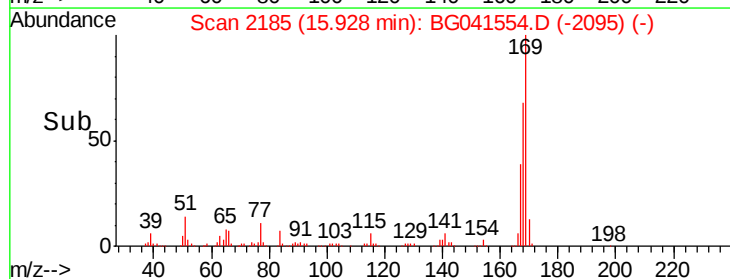
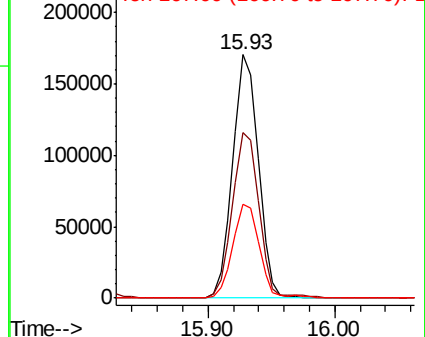
167 38.5 31.0 46.6

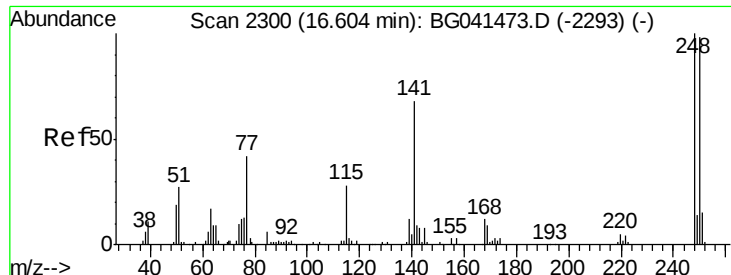


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





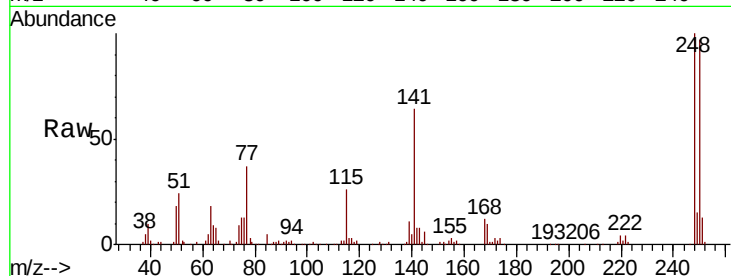
#67
 4-Bromophenyl-phenylether
 Concen: 37.584 ng
 RT: 16.60 min Scan# 2300
 Delta R.T. -0.00 min
 Lab File: BG041554.D
 Acq: 1 Jul 2019 11:54

Instrument :
 BNA_G
 ClientSampleId :
 RBR-200027MSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.8	78.1	117.1
141	63.6	54.1	81.1

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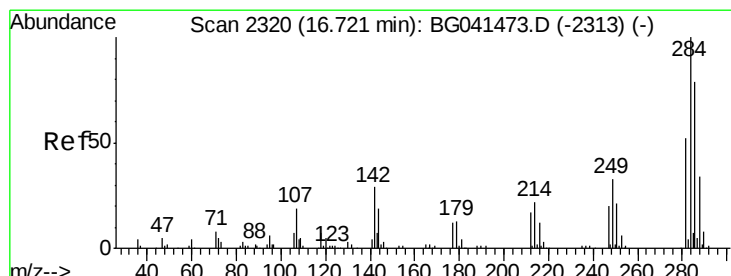
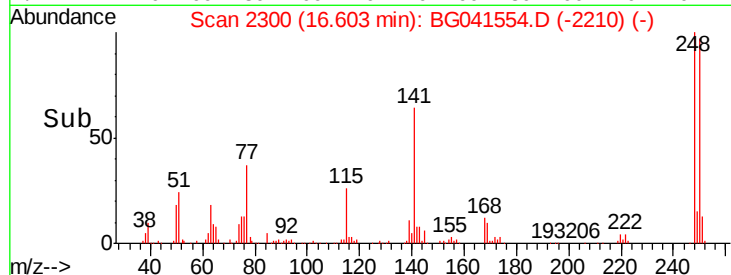
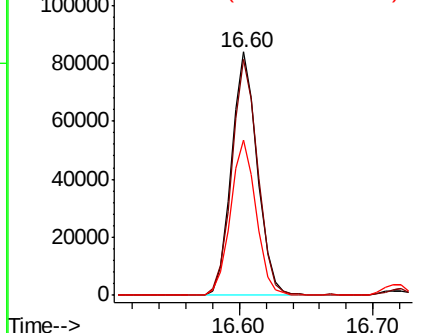


Abundance

Ion 248.00 (247.70 to 248.70): E

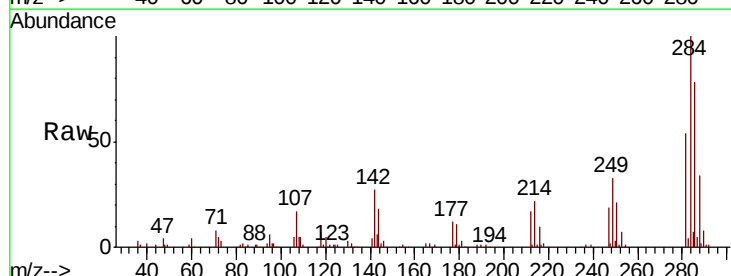
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
 Hexachlorobenzene
 Concen: 36.832 ng
 RT: 16.72 min Scan# 2320
 Delta R.T. -0.00 min
 Lab File: BG041554.D
 Acq: 1 Jul 2019 11:54

Tgt Ion	Ratio	Lower	Upper
284	100		
142	27.3	22.9	34.3
249	33.2	26.1	39.1

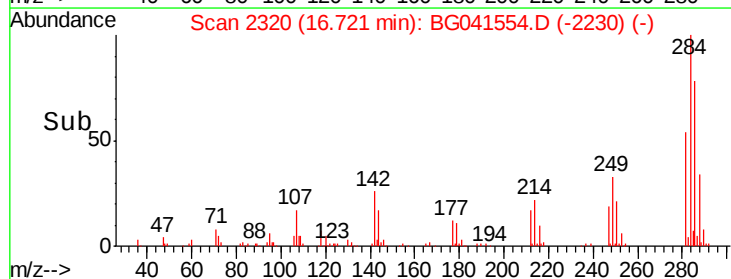
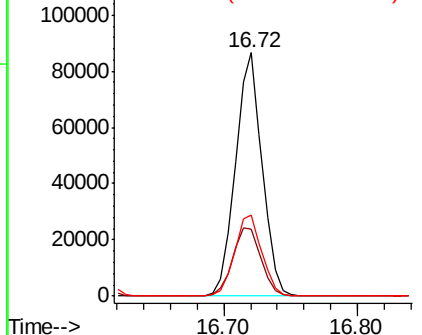


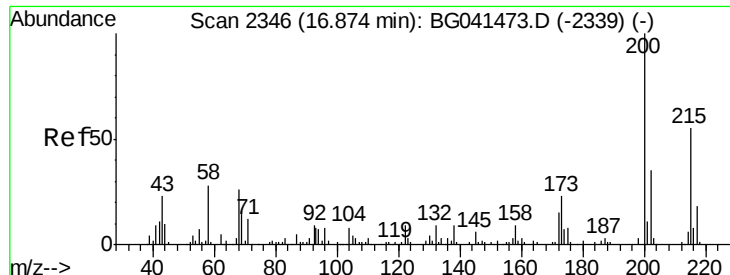
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 42.681 ng

RT: 16.87 min Scan# 2346

Delta R.T. 0.00 min

Lab File: BG041554.D

Acq: 1 Jul 2019 11:54

Instrument :

BNA_G

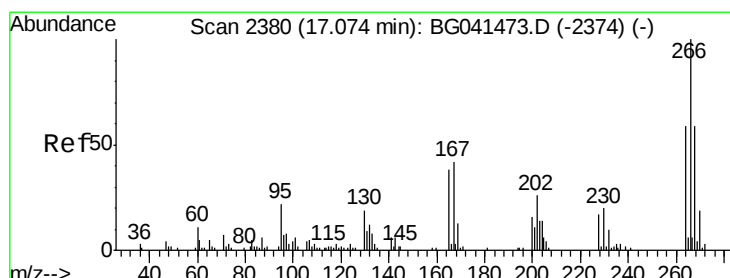
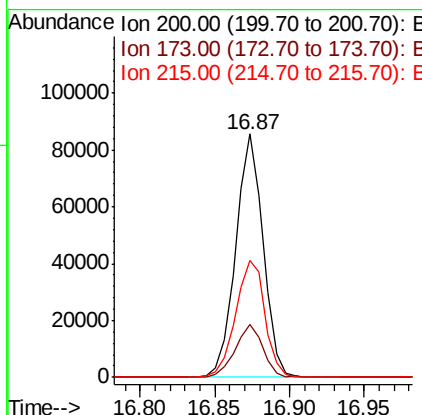
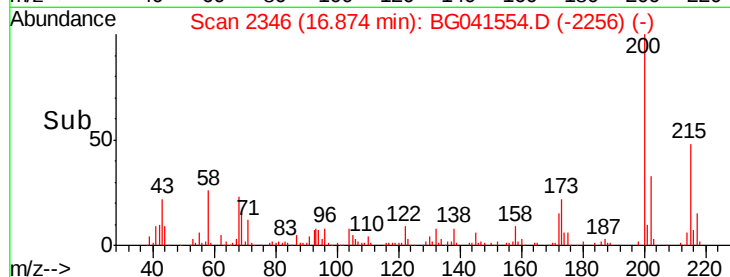
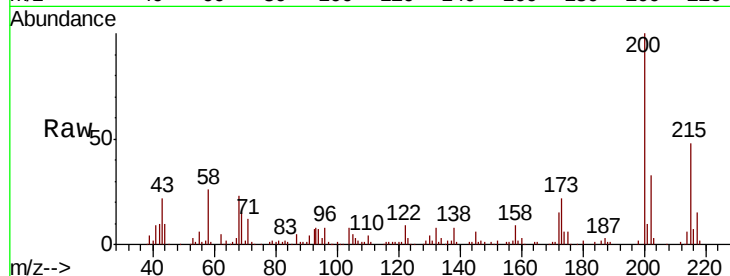
ClientSampleId :

RBR-200027MSD

Tot Ion	Ratio	Lower	Upper
200	100		
173	21.9	3.1	43.1
215	47.9	34.7	74.7

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#70

Pentachlorophenol

Concen: 96.587 ng

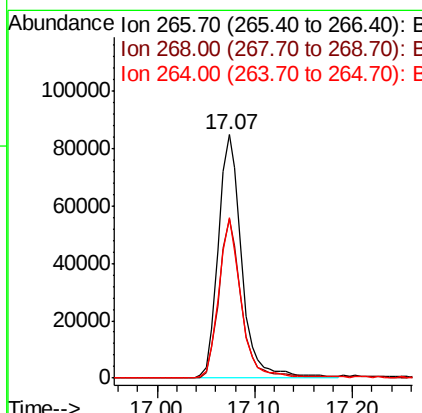
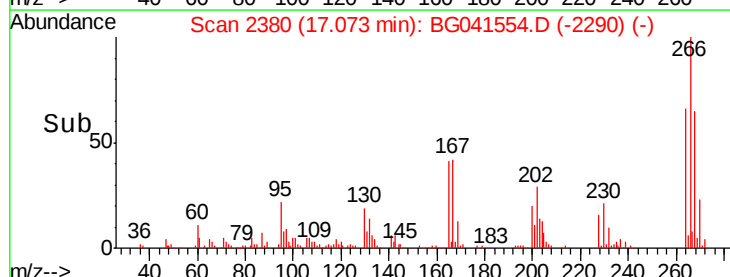
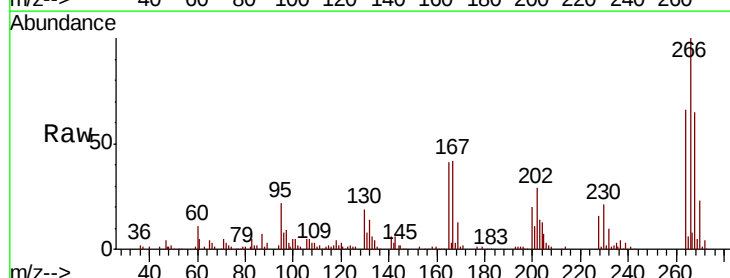
RT: 17.07 min Scan# 2380

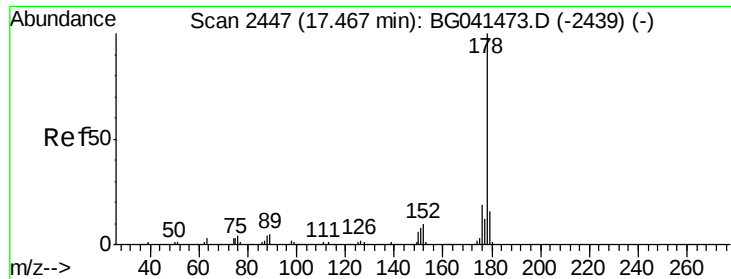
Delta R.T. -0.00 min

Lab File: BG041554.D

Acq: 1 Jul 2019 11:54

Tgt Ion	Ratio	Lower	Upper
266	100		
268	65.3	47.0	70.4
264	65.9	47.4	71.0





#71

Phenanthrene

Concen: 39.202 ng

RT: 17.47 min Scan# 2447

Delta R.T. -0.00 min

Lab File: BG041554.D

Acq: 1 Jul 2019 11:54

Instrument :

BNA_G

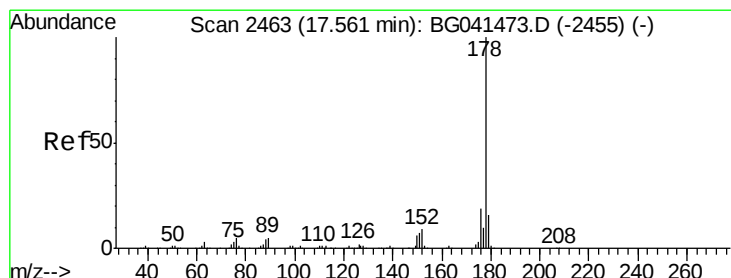
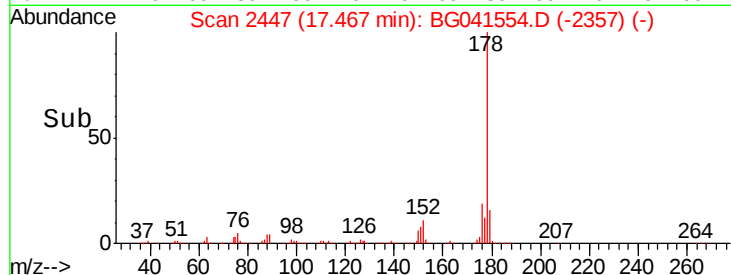
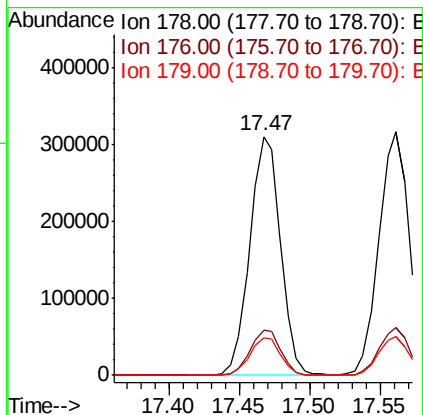
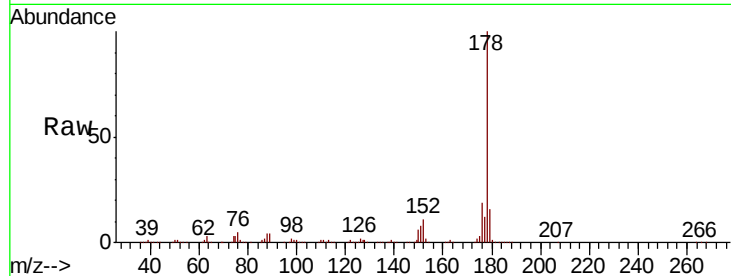
ClientSampleId :

RBR-200027MSD

Tot Ion:178	Resp:	475627
Ion Ratio	Lower	Upper
178	100	
176	18.9	15.4 23.0
179	15.7	13.0 19.4

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#72

Anthracene

Concen: 39.589 ng

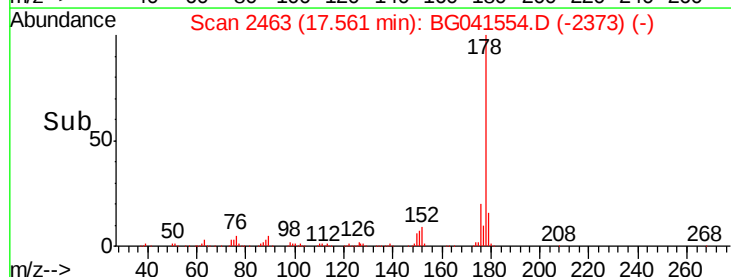
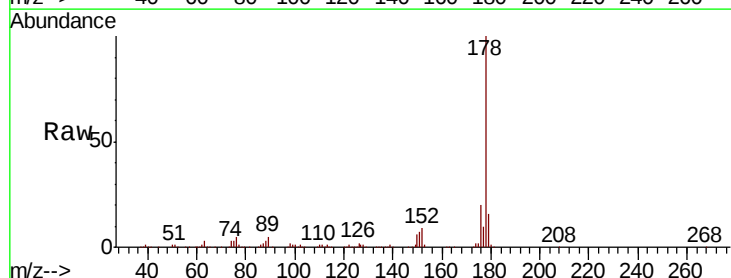
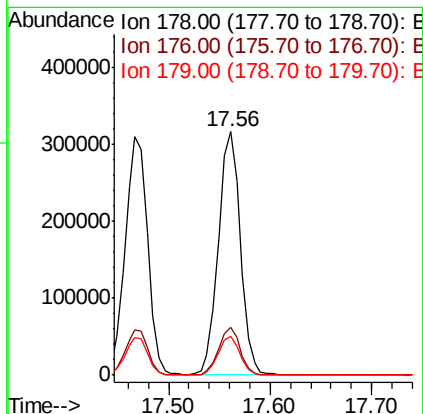
RT: 17.56 min Scan# 2463

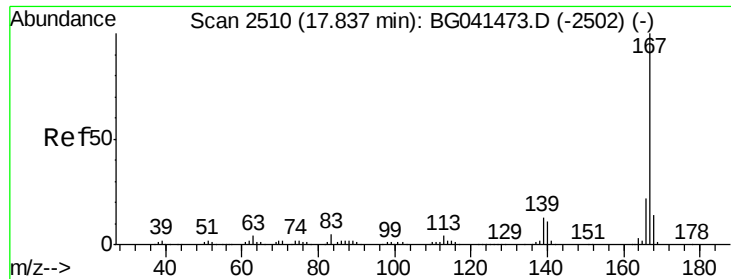
Delta R.T. -0.00 min

Lab File: BG041554.D

Acq: 1 Jul 2019 11:54

Tgt Ion:178	Resp:	480590
Ion Ratio	Lower	Upper
178	100	
176	19.6	14.8 22.2
179	15.8	12.8 19.2





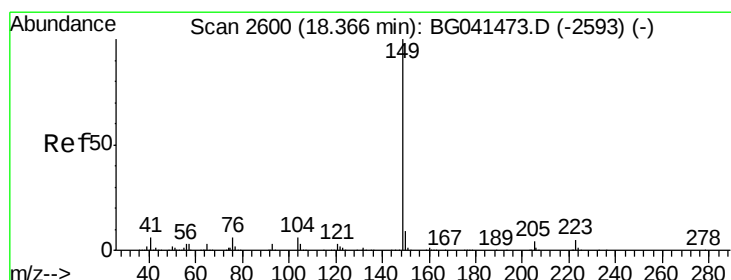
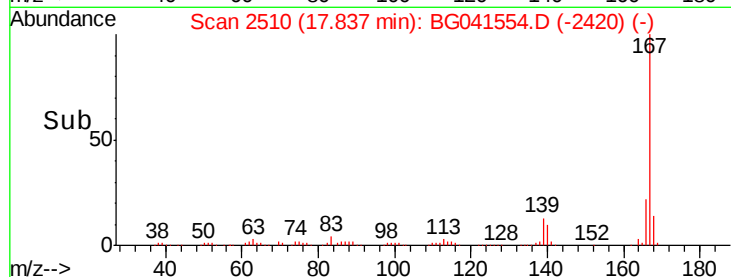
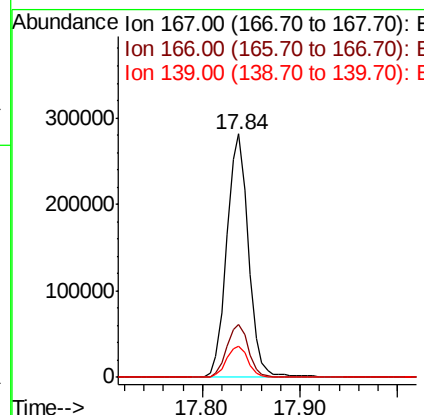
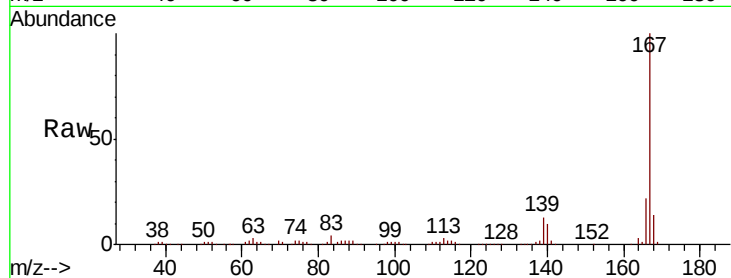
#73
 Carbazole
 Concen: 42.024 ng
 RT: 17.84 min Scan# 2510
 Delta R.T. -0.00 min
 Lab File: BG041554.D
 Acq: 1 Jul 2019 11:54

Instrument :
 BNA_G
 ClientSampleId :
 RBR-200027MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
167	100		433680		
166	21.9	17.8		26.6	
139	12.6	10.8		16.2	

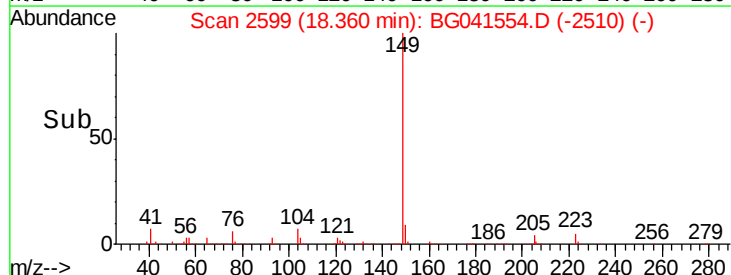
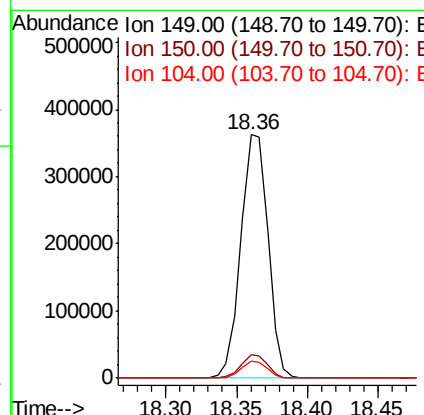
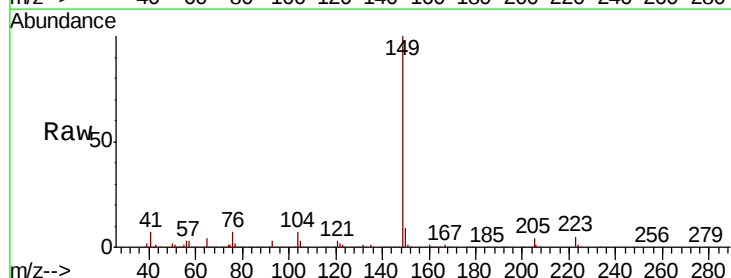
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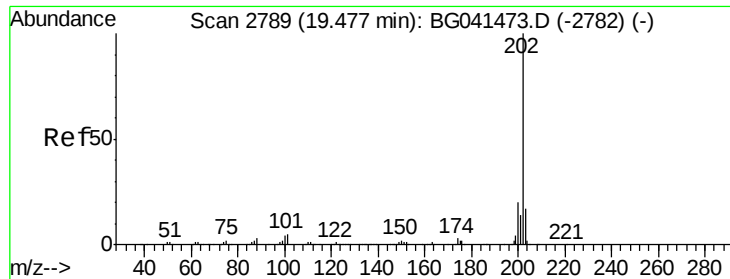
mohammad
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#74
 Di-n-butylphthalate
 Concen: 37.658 ng
 RT: 18.36 min Scan# 2599
 Delta R.T. -0.01 min
 Lab File: BG041554.D
 Acq: 1 Jul 2019 11:54

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100		488444		
150	9.4	7.5		11.3	
104	6.8	5.0		7.6	





#75

Fluoranthene

Concen: 40.121 ng

RT: 19.48 min Scan# 2789

Delta R.T. -0.00 min

Lab File: BG041554.D

Acq: 1 Jul 2019 11:54

Instrument :

BNA_G

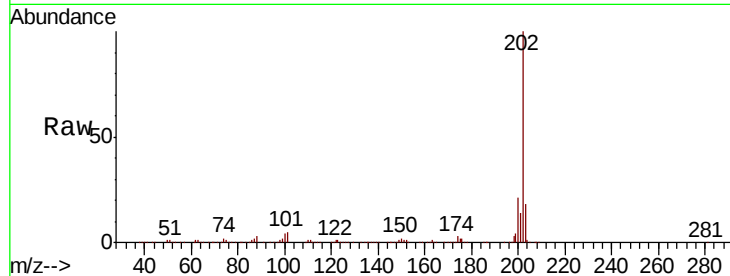
ClientSampleId :

RBR-200027MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		649001		
101	5.0	0.0	24.9		
203	18.1	0.0	37.5		

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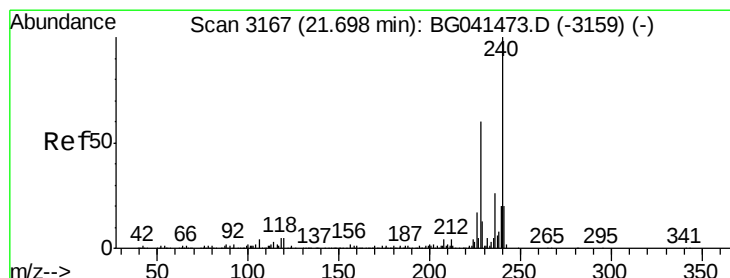
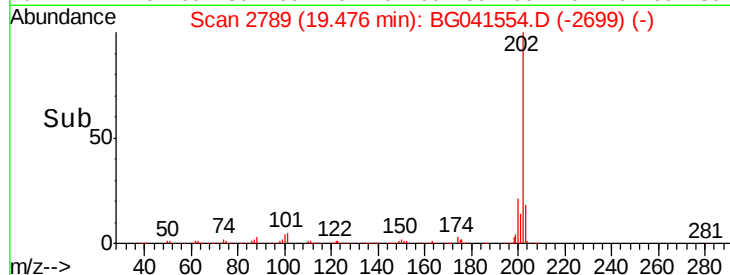
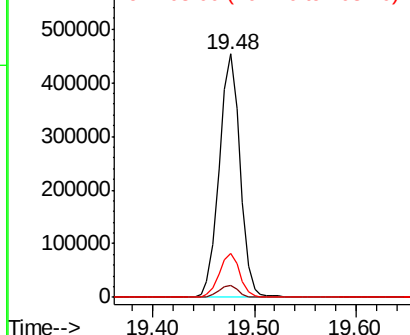


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

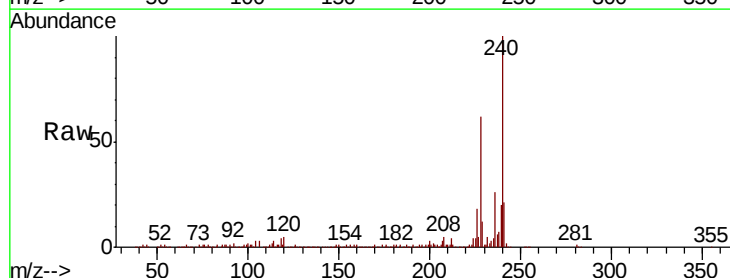
RT: 21.70 min Scan# 3167

Delta R.T. -0.00 min

Lab File: BG041554.D

Acq: 1 Jul 2019 11:54

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
240	100		251141		
120	4.5	3.7	5.5		
236	26.4	20.8	31.2		

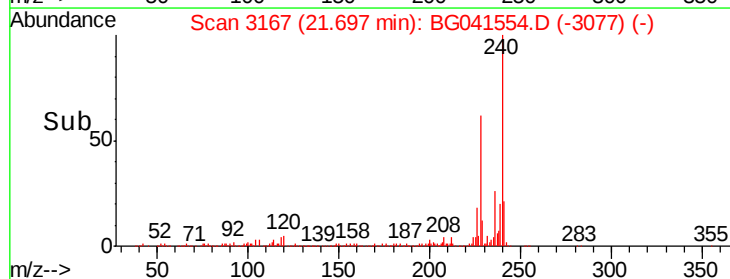
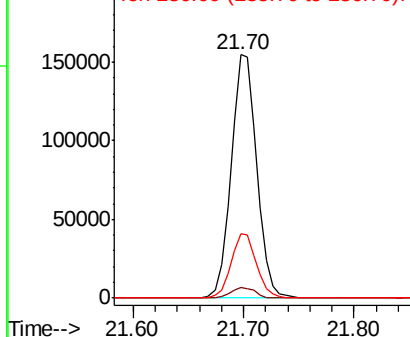


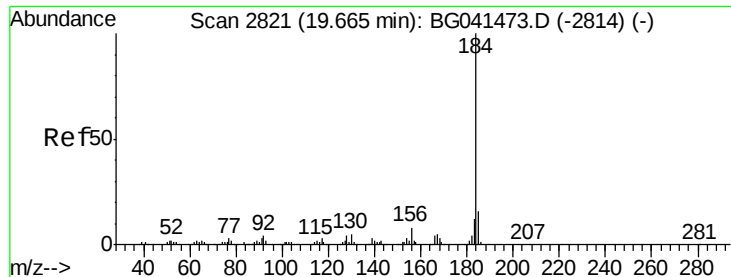
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 42.733 ng

RT: 19.66 min Scan# 2821

Delta R.T. -0.00 min

Lab File: BG041554.D

Acq: 1 Jul 2019 11:54

Instrument :

BNA_G

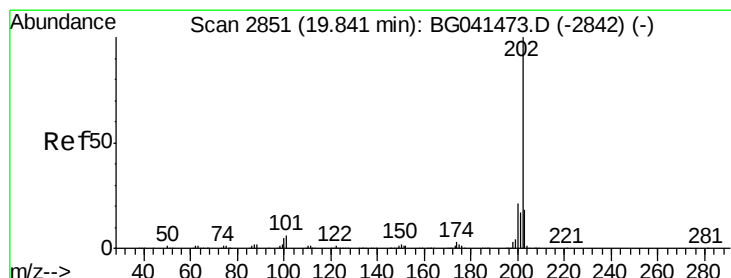
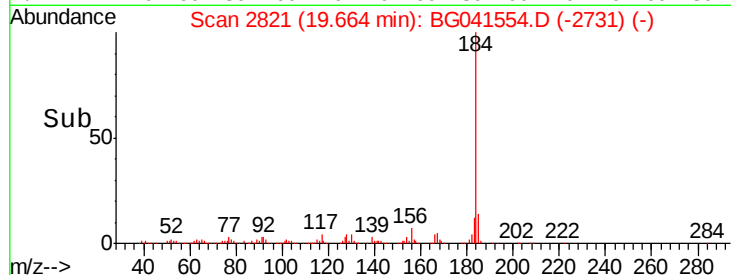
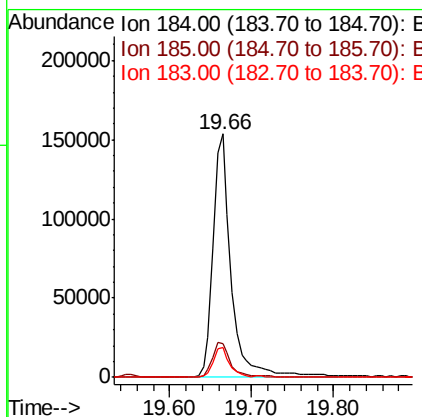
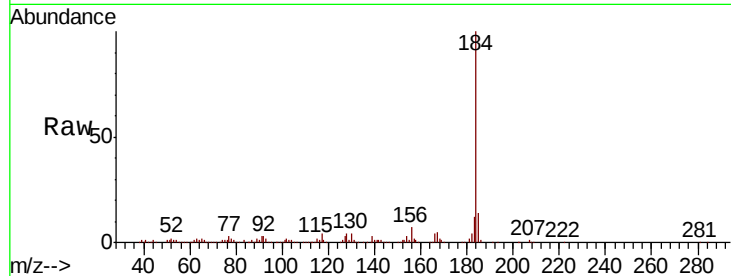
ClientSampleId :

RBR-200027MSD

Tot Ion:	184	Resp:	238121
Ion Ratio	Lower	Upper	
184	100		
185	13.7	12.7	19.1
183	12.2	9.4	14.2

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#78

Pyrene

Concen: 37.594 ng

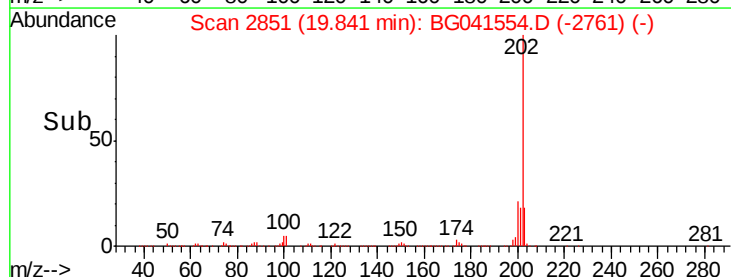
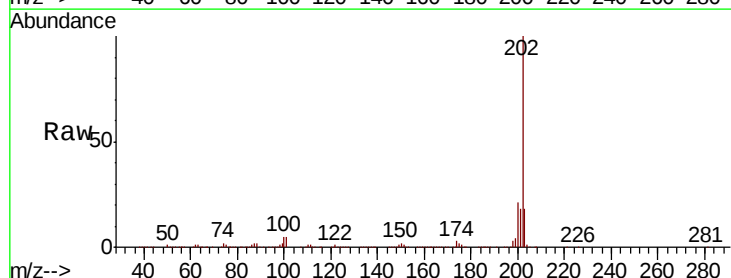
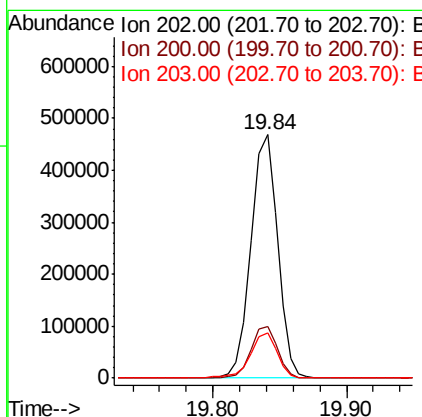
RT: 19.84 min Scan# 2851

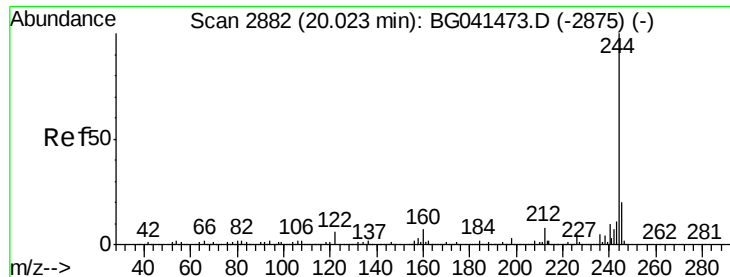
Delta R.T. -0.00 min

Lab File: BG041554.D

Acq: 1 Jul 2019 11:54

Tgt Ion:	202	Resp:	644533
Ion Ratio	Lower	Upper	
202	100		
200	21.1	16.8	25.2
203	18.3	14.2	21.4





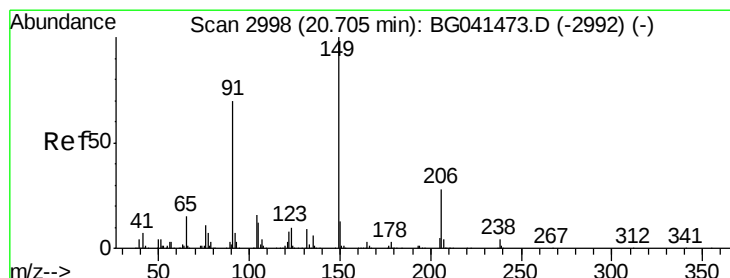
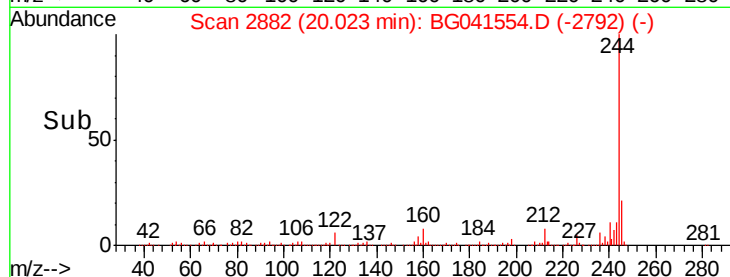
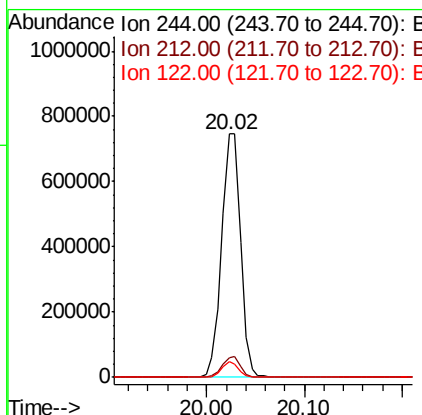
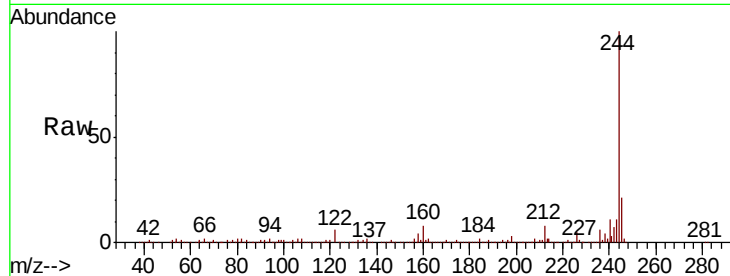
#79
 Terphenyl-d14
 Concen: 85.250 ng
 RT: 20.02 min Scan# 2882
 Delta R.T. -0.00 min
 Lab File: BG041554.D
 Acq: 1 Jul 2019 11:54

Instrument :
 BNA_G
 ClientSampleId :
 RBR-200027MSD

Tot Ion	Ratio	Lower	Upper
244	100		
212	8.2	6.2	9.4
122	6.3	4.8	7.2

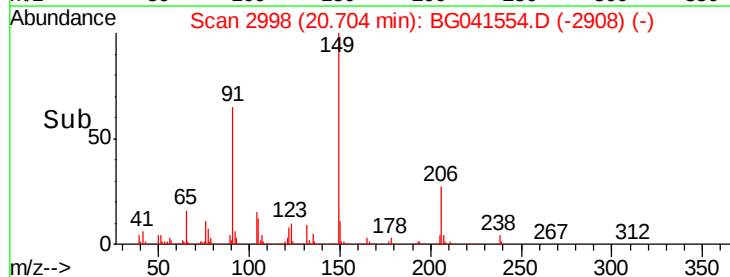
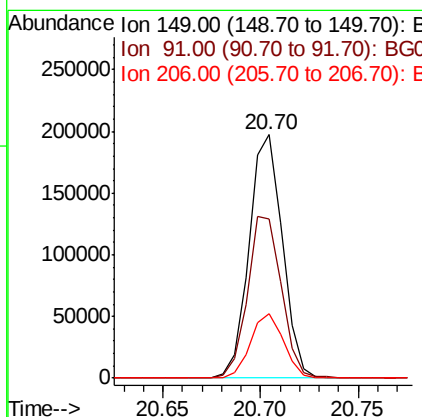
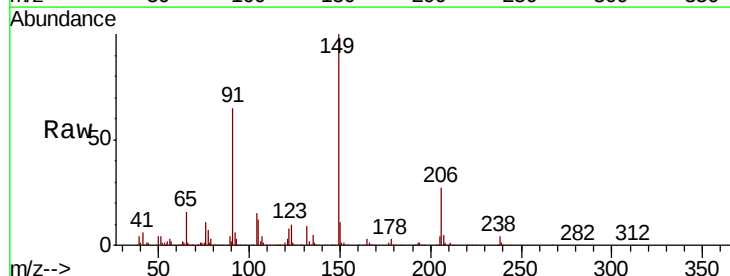
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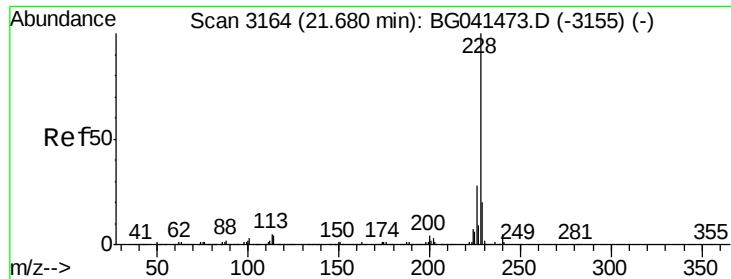
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#80
 Butylbenzylphthalate
 Concen: 36.539 ng
 RT: 20.70 min Scan# 2998
 Delta R.T. -0.00 min
 Lab File: BG041554.D
 Acq: 1 Jul 2019 11:54

Tgt Ion	Ratio	Lower	Upper
149	100		
91	65.4	55.9	83.9
206	26.6	22.1	33.1





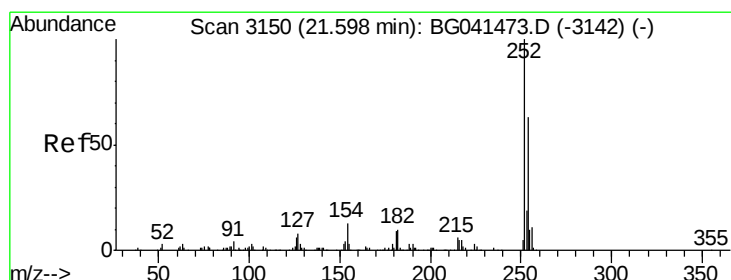
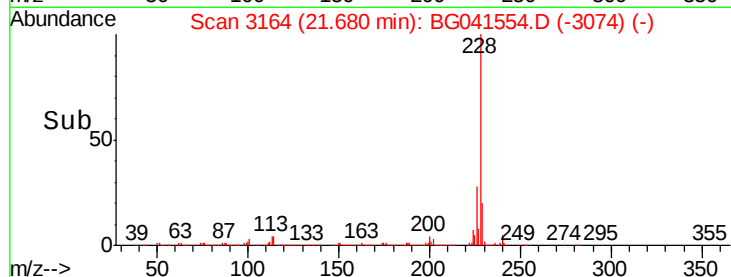
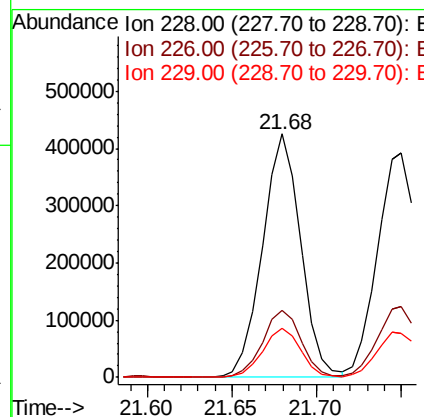
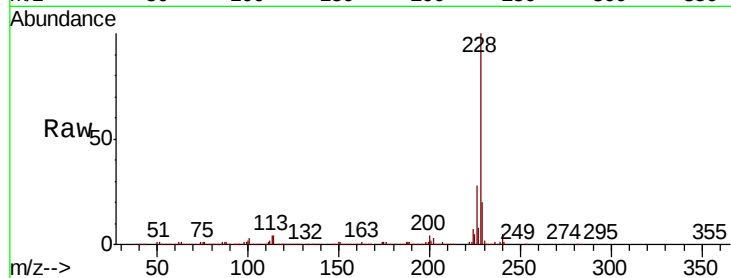
#81
Benzo(a)anthracene
Concen: 38.221 ng
RT: 21.68 min Scan# 3164
Delta R.T. -0.00 min
Lab File: BG041554.D
Acq: 1 Jul 2019 11:54

Instrument :
BNA_G
ClientSampleId :
RBR-200027MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.6	22.6	33.8
229	20.3	16.1	24.1

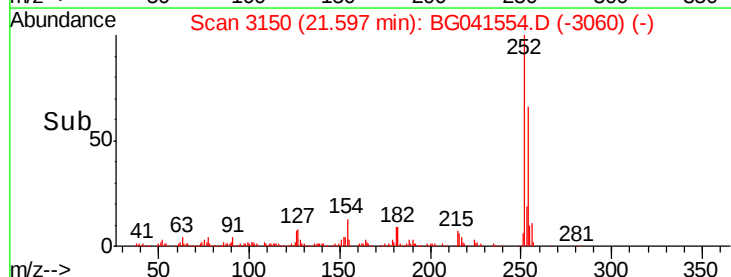
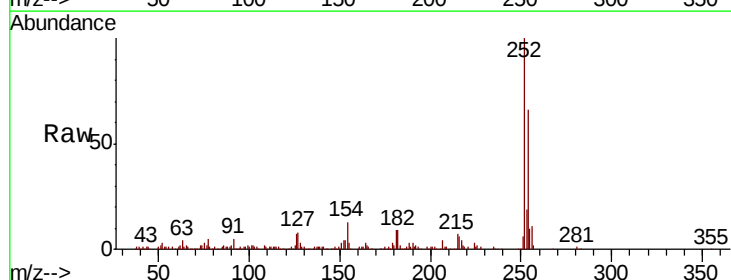
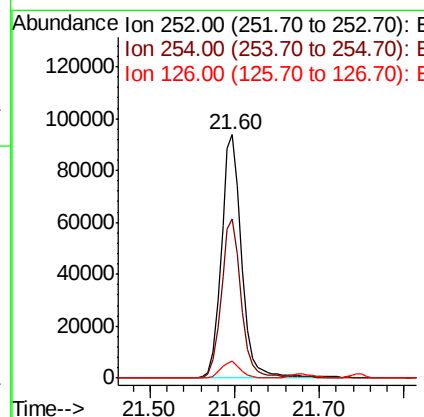
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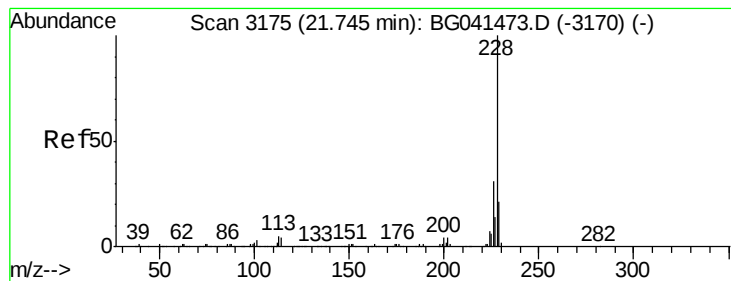
mohammad
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#82
3,3'-Dichlorobenzidine
Concen: 26.141 ng
RT: 21.60 min Scan# 3150
Delta R.T. -0.00 min
Lab File: BG041554.D
Acq: 1 Jul 2019 11:54

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.5	50.4	75.6
126	7.0	4.9	7.3





#83

Chrysene

Concen: 38.472 ng

RT: 21.75 min Scan# 3176

Delta R.T. 0.01 min

Lab File: BG041554.D

Acq: 1 Jul 2019 11:54

Instrument :

BNA_G

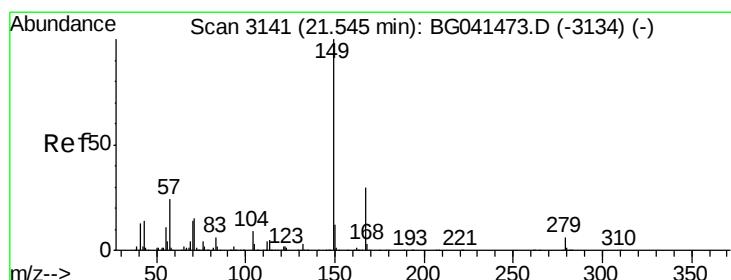
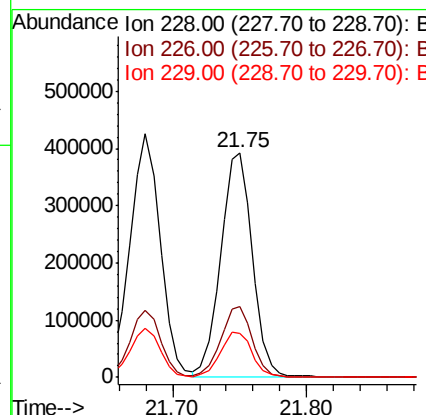
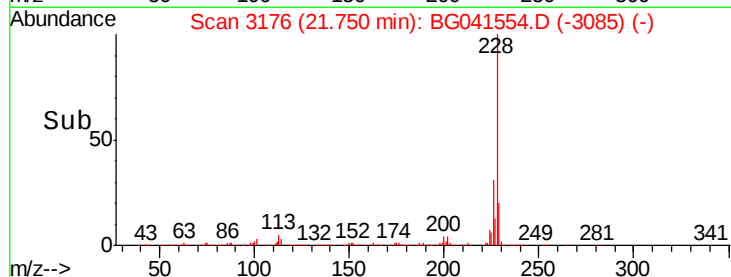
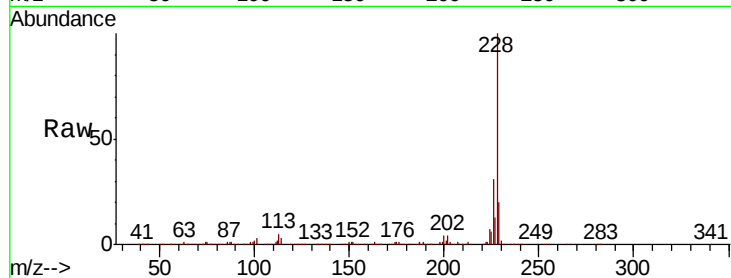
ClientSampleId :

RBR-200027MSD

Tot Ion:	228	Resp:	650206
Ion Ratio	Lower	Upper	
228	100		
226	31.2	25.0	37.4
229	19.7	16.8	25.2

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#84

Bis(2-ethylhexyl)phthalate

Concen: 37.440 ng

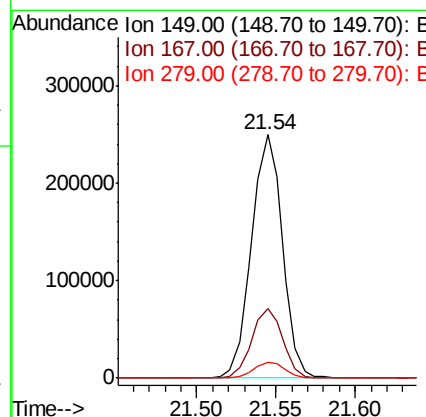
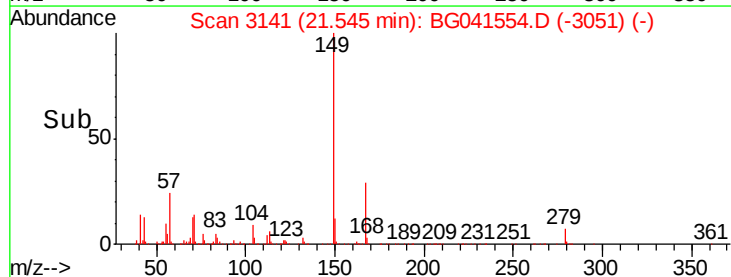
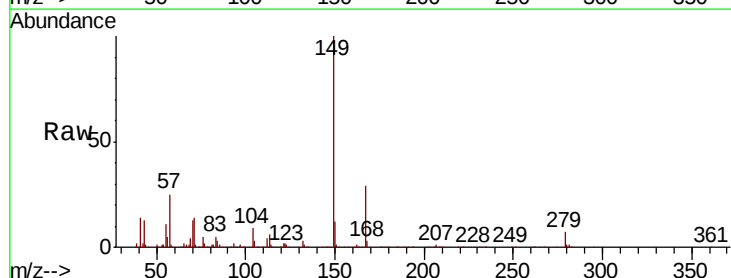
RT: 21.54 min Scan# 3141

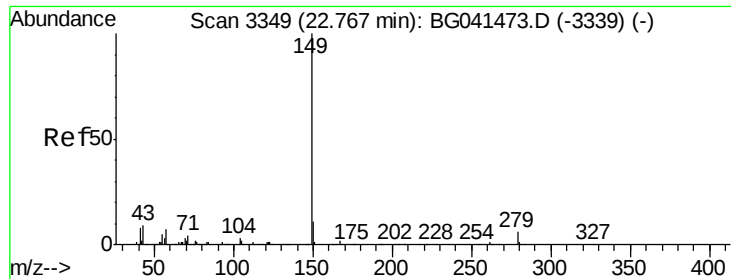
Delta R.T. -0.00 min

Lab File: BG041554.D

Acq: 1 Jul 2019 11:54

Tgt Ion:	149	Resp:	339857
Ion Ratio	Lower	Upper	
149	100		
167	28.7	23.6	35.4
279	6.7	5.0	7.6





#85

Di-n-octyl phthalate

Concen: 37.935 ng

RT: 22.77 min Scan# 3349

Delta R.T. -0.00 min

Lab File: BG041554.D

Acq: 1 Jul 2019 11:54

Instrument :

BNA_G

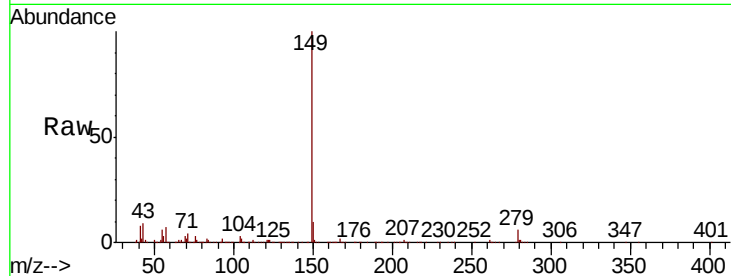
ClientSampleId :

RBR-200027MSD

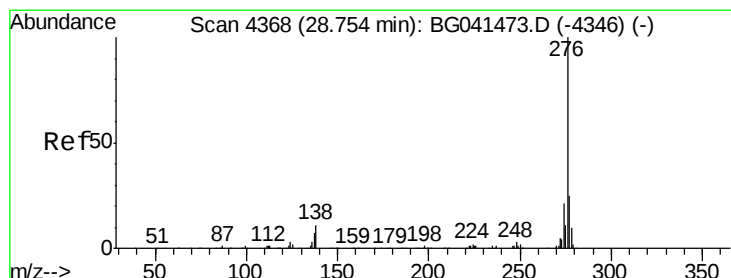
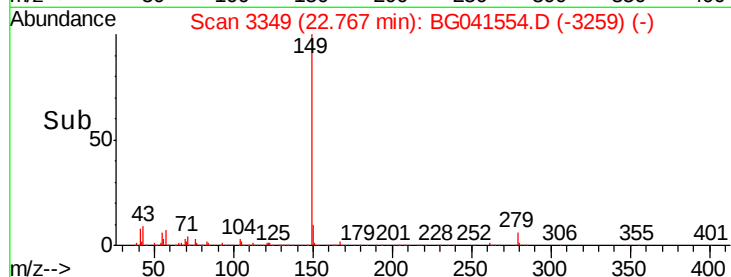
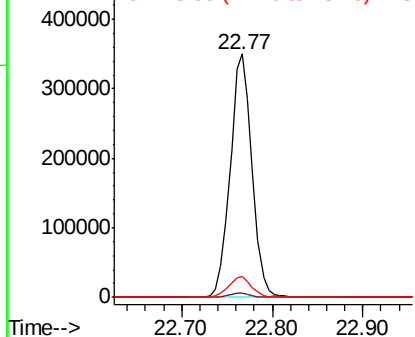
Tot Ion:	149	Resp:	582718
Ion Ratio	Lower	Upper	
149	100		
167	1.9	1.4	2.2
43	8.8	7.2	10.8

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 39.246 ng

RT: 28.77 min Scan# 4371

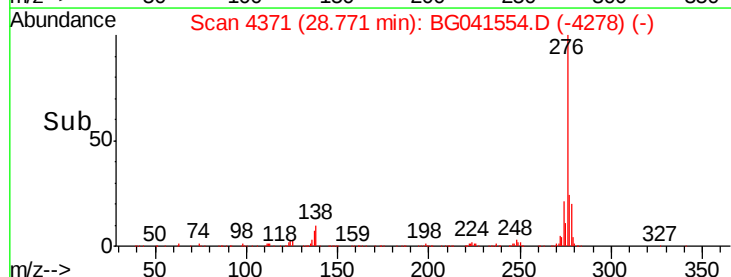
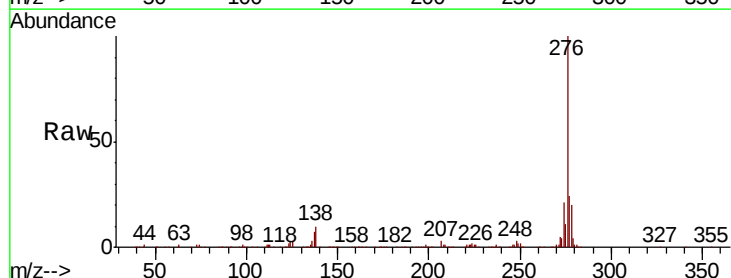
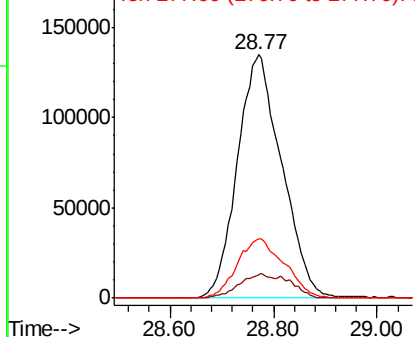
Delta R.T. 0.02 min

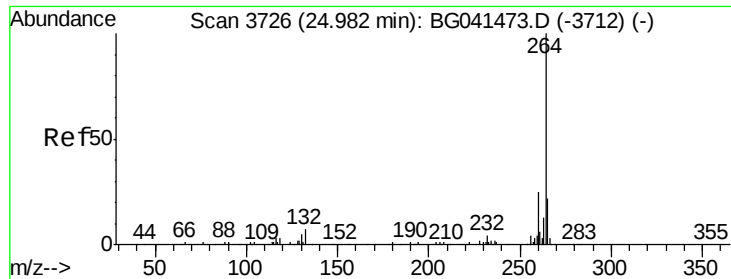
Lab File: BG041554.D

Acq: 1 Jul 2019 11:54

Tgt Ion:	276	Resp:	803163
Ion Ratio	Lower	Upper	
276	100		
138	7.8	4.9	7.3#
277	25.8	20.4	30.6

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





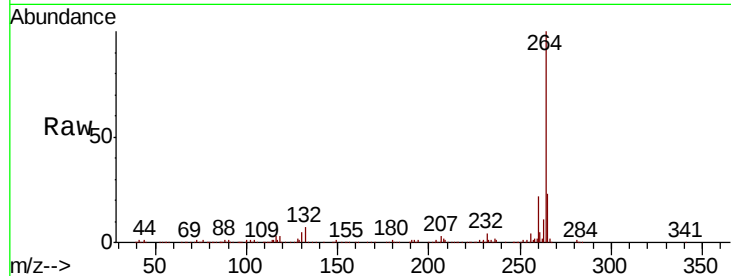
#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.98 min Scan# 3726
 Delta R.T. -0.00 min
 Lab File: BG041554.D
 Acq: 1 Jul 2019 11:54

Instrument :
 BNA_G
 ClientSampleId :
 RBR-200027MSD

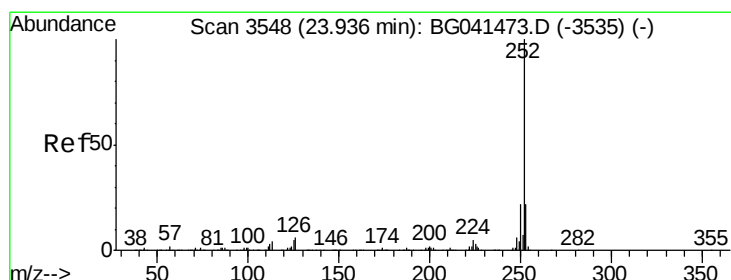
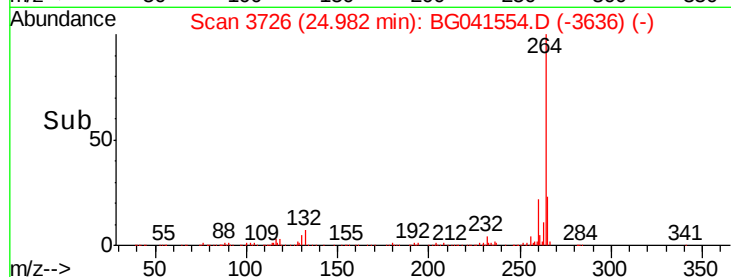
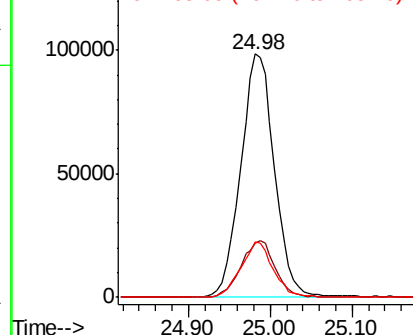
Tot Ion	Ratio	Lower	Upper
264	100		
260	22.0	19.7	29.5
265	22.8	17.4	26.2

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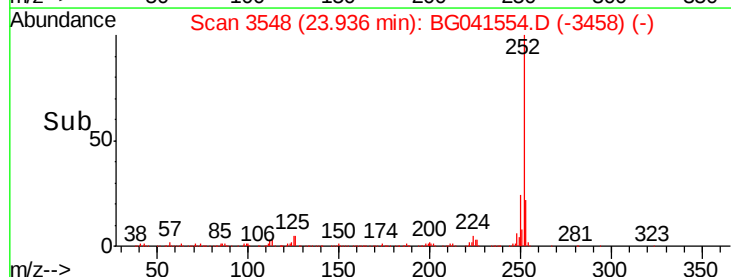
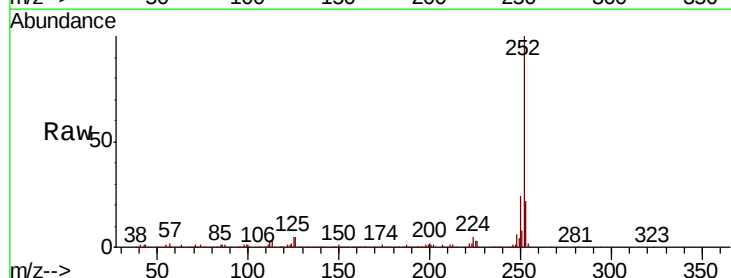
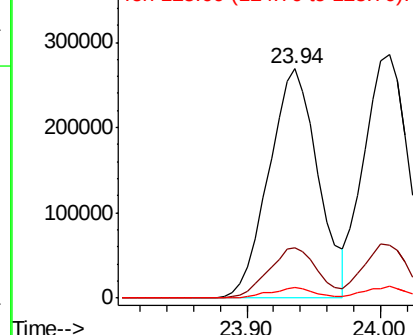
Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

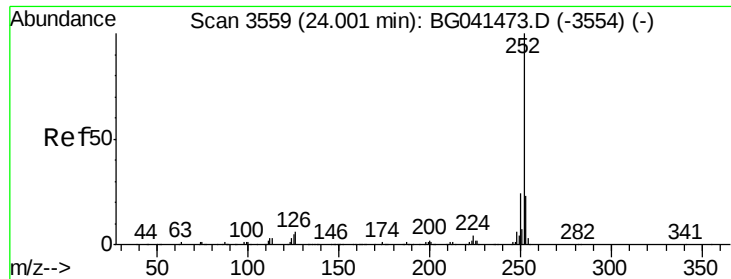


#88
 Benzo(b)fluoranthene
 Concen: 38.323 ng
 RT: 23.94 min Scan# 3548
 Delta R.T. -0.00 min
 Lab File: BG041554.D
 Acq: 1 Jul 2019 11:54

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.0	27.0
125	4.6	3.8	5.8

Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 253.00 (252.70 to 253.70): E
 Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 37.066 ng

RT: 24.01 min Scan# 3560

Delta R.T. 0.01 min

Lab File: BG041554.D

Acq: 1 Jul 2019 11:54

Instrument :

BNA_G

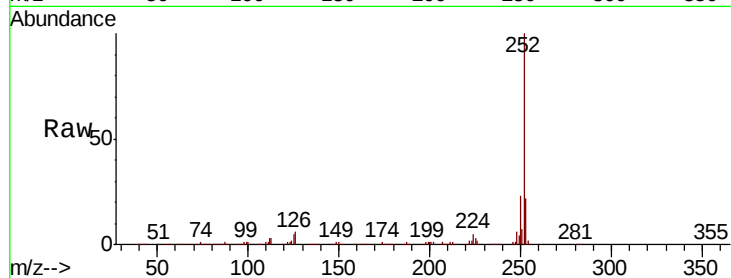
ClientSampleId :

RBR-200027MSD

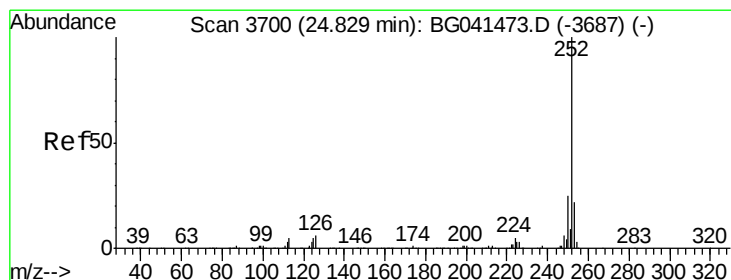
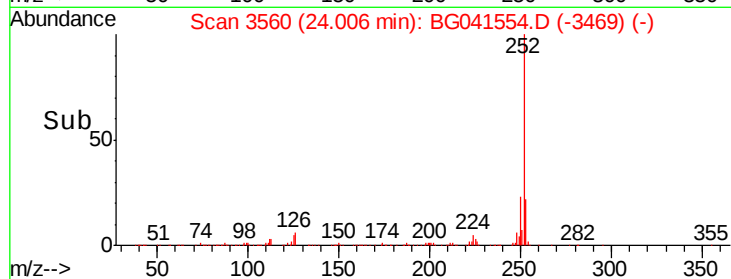
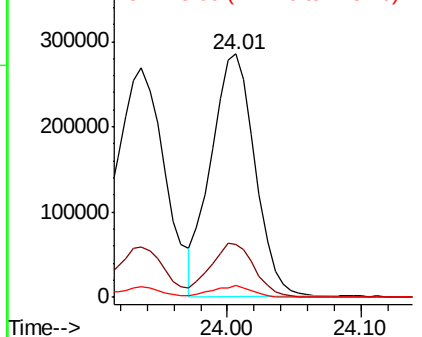
Tot Ion	Ion	Ratio	Resp	Lower	Upper
252	100		652812		
253	21.9	18.3	27.5		
125	4.7	4.0	6.0		

Manual Integrations
APPROVED

mohammad
7/3/2019 9:47:12 AM



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 38.955 ng

RT: 24.83 min Scan# 3701

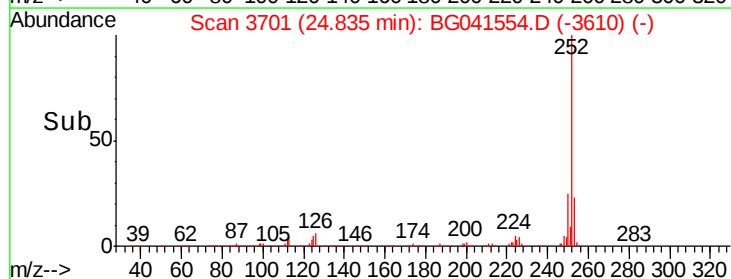
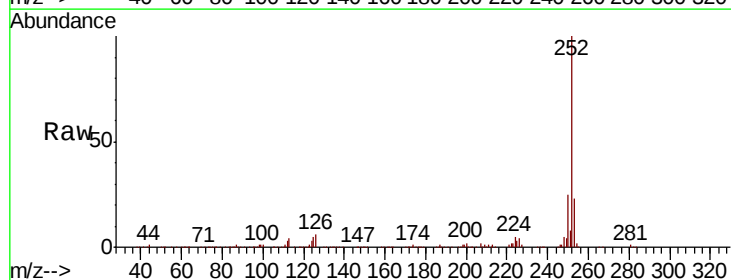
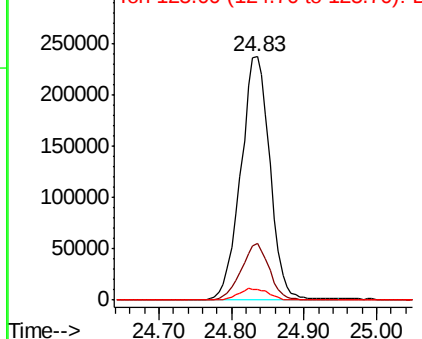
Delta R.T. 0.01 min

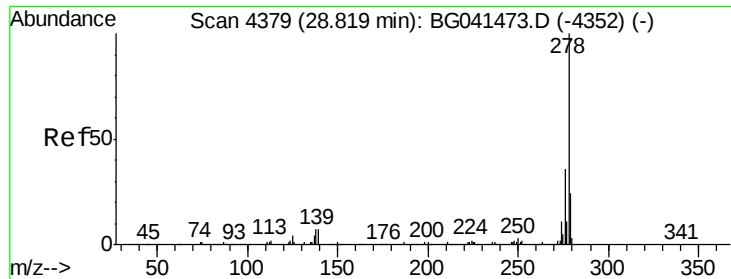
Lab File: BG041554.D

Acq: 1 Jul 2019 11:54

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
252	100		663712		
253	23.0	17.5	26.3		
125	4.5	4.4	6.6		

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





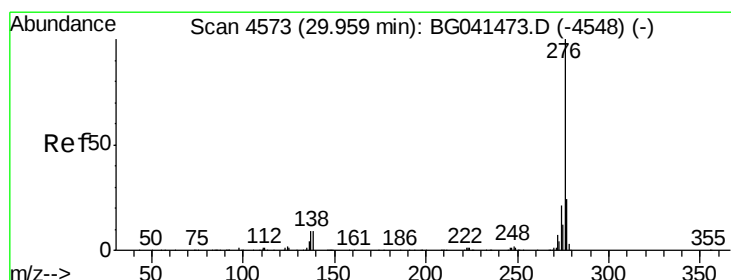
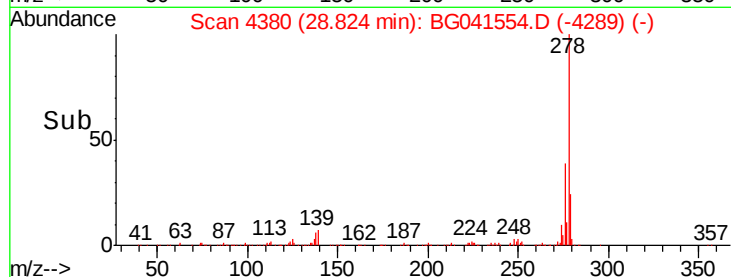
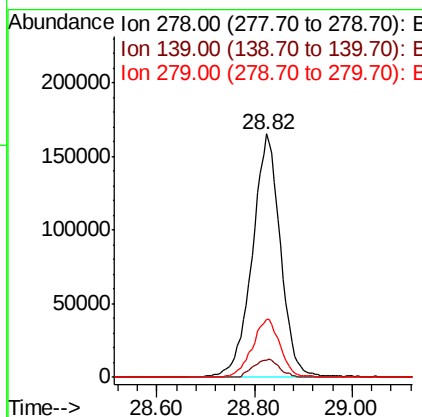
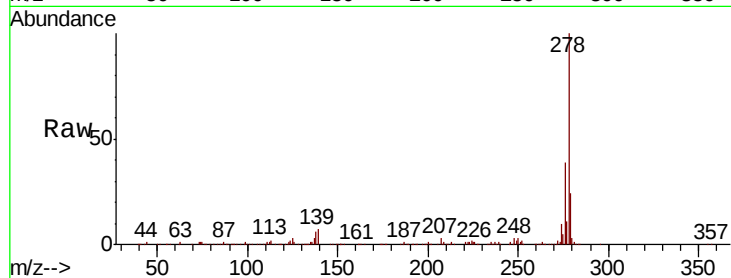
#91
Dibenzo(a,h)anthracene
Concen: 39.105 ng
RT: 28.82 min Scan# 4380
Delta R.T. 0.01 min
Lab File: BG041554.D
Acq: 1 Jul 2019 11:54

Instrument :
BNA_G
ClientSampleId :
RBR-200027MSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	6.9	5.9	8.9
279	23.7	18.9	28.3

Manual Integrations
APPROVED

mohammad
7/3/2019 9:47:12 AM



#92
Benzo(g,h,i)perylene
Concen: 39.582 ng
RT: 29.96 min Scan# 4574
Delta R.T. 0.01 min
Lab File: BG041554.D
Acq: 1 Jul 2019 11:54

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.2	19.4	29.2
138	8.4	7.6	11.4

