

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062719\
 Data File : BG041504.D
 Acq On : 28 Jun 2019 3:12
 Operator : HP/JU
 Sample : K3552-19MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 M-10MSD

Manual Integrations
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mohammad
 7/1/2019 8:11:07 AM

Quant Time: Jun 28 14:19:49 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	22987	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	90151	20.00	ng	0.00
39) Acenaphthene-d10	14.68	164	67085	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	178298	20.00	ng	0.00
76) Chrysene-d12	21.70	240	188241	20.00	ng	0.00
87) Perylene-d12	24.98	264	200462	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	149949	116.30	ng	0.00
7) Phenol-d6	7.19	99	222348	122.50	ng	0.00
23) Nitrobenzene-d5	9.21	82	156396	72.35	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	120820	105.48	ng	0.00
45) 2-Fluorobiphenyl	13.29	172	361566	69.16	ng	0.00
79) Terphenyl-d14	20.02	244	732731	82.72	ng	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	3.40	88	14058	24.087 ng	91
3) Pyridine	3.83	79	15567	10.512 ng	96
4) n-Nitrosodimethylamine	3.74	42	24113	29.262 ng	87
6) Aniline	7.35	93	40094	17.137 ng	94
8) 2-Chlorophenol	7.59	128	48679	33.665 ng	96
9) Benzaldehyde	7.17	77	36755	33.532 ng	94
10) Phenol	7.21	94	62759	34.308 ng	96
11) bis(2-Chloroethyl)ether	7.45	93	40746	28.088 ng	95
12) 1,3-Dichlorobenzene	7.91	146	51102	27.320 ng	98
13) 1,4-Dichlorobenzene	8.07	146	55003	29.169 ng	94
14) 1,2-Dichlorobenzene	8.38	146	52323	28.980 ng	99
15) Benzyl Alcohol	8.28	79	44923	31.079 ng	95
16) 2,2'-oxybis(1-Chloropropan	8.54	45	56361	27.666 ng	95
17) 2-Methylphenol	8.48	107	43349	32.554 ng	95
18) Hexachloroethane	9.11	117	21204	28.499 ng	94
19) n-Nitroso-di-n-propylamine	8.84	70	39158	28.923 ng	95
20) 3+4-Methylphenols	8.81	107	57896	32.621 ng	97
22) Acetophenone	8.86	105	79707	29.476 ng	# 98
24) Nitrobenzene	9.25	77	65150	30.028 ng	95
25) Isophorone	9.76	82	114722	29.561 ng	98
26) 2-Nitrophenol	9.96	139	26403	29.139 ng	92
27) 2,4-Dimethylphenol	10.02	122	45106	35.768 ng	94
28) bis(2-Chloroethoxy)methane	10.25	93	57813	28.172 ng	99
29) 2,4-Dichlorophenol	10.50	162	55488	32.576 ng	99
30) 1,2,4-Trichlorobenzene	10.71	180	64521	29.554 ng	97
31) Naphthalene	10.90	128	155013	31.092 ng	97
32) Benzoic acid	10.18	122	4004m	10.296 ng	
33) 4-Chloroaniline	11.02	127	41700	19.870 ng	96
34) Hexachlorobutadiene	11.16	225	50431	29.101 ng	98
35) Caprolactam	11.80	113	15052	28.301 ng	88
36) 4-Chloro-3-methylphenol	12.14	107	59206	32.080 ng	97
37) 2-Methylnaphthalene	12.51	142	116763	31.701 ng	97
38) 1-Methylnaphthalene	12.72	142	108387	30.845 ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.87	216	91702	31.043 ng	97

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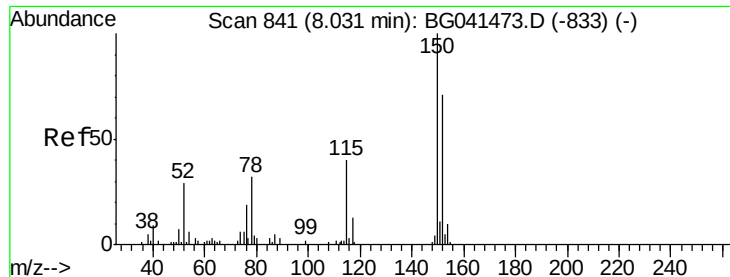
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	71742	46.369	ng	96
43) 2,4,6-Trichlorophenol	13.11	196	53343	30.436	ng	95
44) 2,4,5-Trichlorophenol	13.19	196	54294	31.095	ng	94
46) 1,1'-Biphenyl	13.51	154	159154	30.054	ng	95
47) 2-Chloronaphthalene	13.56	162	134068	29.488	ng	98
48) 2-Nitroaniline	13.77	65	42211	27.388	ng	94
49) Acenaphthylene	14.40	152	213437	31.408	ng	99
50) Dimethylphthalate	14.12	163	256833	42.070	ng	99
51) 2,6-Dinitrotoluene	14.26	165	38673	29.851	ng	94
52) Acenaphthene	14.74	154	123731	30.704	ng	97
53) 3-Nitroaniline	14.60	138	29976	24.237	ng	93
54) 2,4-Dinitrophenol	14.82	184	9938	18.377	ng	93
55) Dibenzofuran	15.07	168	217597	31.017	ng	100
56) 4-Nitrophenol	14.90	139	47171	59.098	ng	92
57) 2,4-Dinitrotoluene	15.05	165	55428	29.491	ng	# 98
58) Fluorene	15.72	166	171570	30.741	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.30	232	59136	32.127	ng	98
60) Diethylphthalate	15.47	149	182275	29.169	ng	97
61) 4-Chlorophenyl-phenylether	15.71	204	109203	30.335	ng	98
62) 4-Nitroaniline	15.76	138	38222	31.709	ng	96
63) Azobenzene	16.00	77	160980	30.554	ng	97
65) 4,6-Dinitro-2-methylphenol	15.81	198	19537	17.692	ng	95
66) n-Nitrosodiphenylamine	15.93	169	152880	31.155	ng	98
67) 4-Bromophenyl-phenylether	16.60	248	74211	30.458	ng	94
68) Hexachlorobenzene	16.72	284	78513	29.908	ng	100
69) Atrazine	16.87	200	66433	31.983	ng	99
70) Pentachlorophenol	17.07	266	65010	54.653	ng	93
71) Phenanthrene	17.47	178	302183	30.761	ng	99
72) Anthracene	17.56	178	310278	31.567	ng	99
73) Carbazole	17.83	167	265682	31.797	ng	97
74) Di-n-butylphthalate	18.36	149	305541	29.094	ng	99
75) Fluoranthene	19.47	202	403248	30.788	ng	99
77) Benzidine	19.67	184	26733m	6.401	ng	
78) Pyrene	19.83	202	404845	31.504	ng	100
80) Butylbenzylphthalate	20.70	149	142037	29.596	ng	96
81) Benzo(a)anthracene	21.67	228	402748	30.774	ng	98
82) 3,3'-Dichlorobenzidine	21.59	252	111364	24.574	ng	99
83) Chrysene	21.74	228	394020	31.104	ng	97
84) Bis(2-ethylhexyl)phthalate	21.54	149	198021	29.104	ng	100
85) Di-n-octyl phthalate	22.76	149	342787	29.772	ng	99
86) Indeno(1,2,3-cd)pyrene	28.75	276	456511	29.761	ng	# 98
88) Benzo(b)fluoranthene	23.92	252	393878	30.806	ng	99
89) Benzo(k)fluoranthene	24.00	252	401262	31.966	ng	98
90) Benzo(a)pyrene	24.82	252	385886	31.777	ng	98
91) Dibenzo(a,h)anthracene	28.81	278	372376	30.609	ng	100
92) Benzo(g,h,i)perylene	29.93	276	377732	31.228	ng	99

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



#1

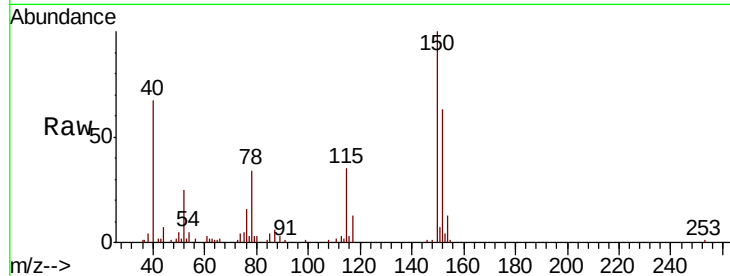
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 841
Delta R.T. -0.00 min
Lab File: BG041504.D
Acq: 28 Jun 2019 3:12

Instrument :
BNA_G
ClientSampleId :
M-10MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.4	112.4	168.6
115	56.3	44.6	66.8

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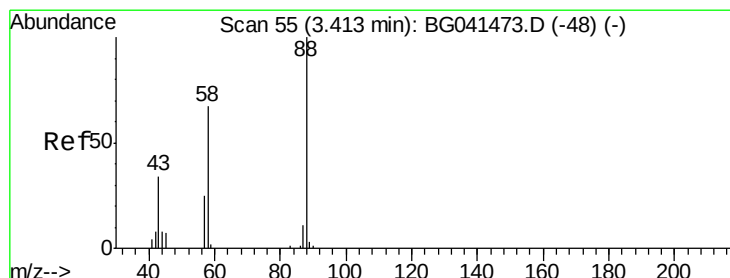
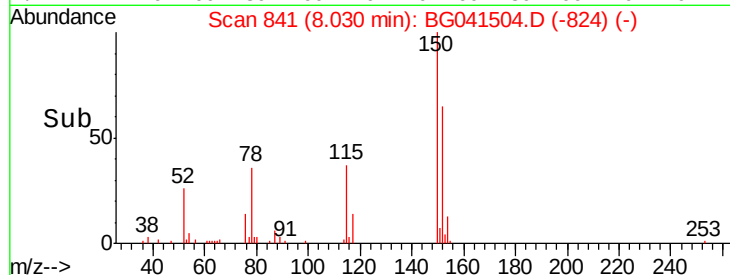
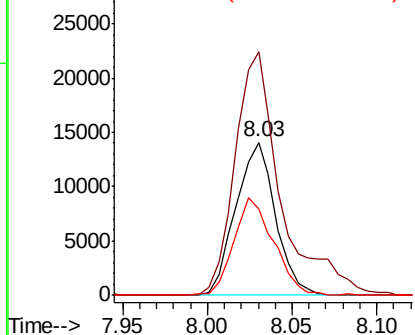


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

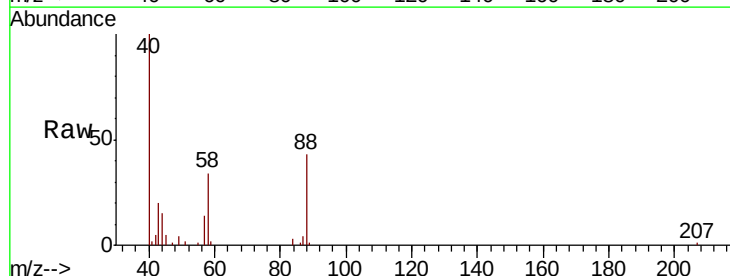
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 24.087 ng
RT: 3.40 min Scan# 53
Delta R.T. -0.01 min
Lab File: BG041504.D
Acq: 28 Jun 2019 3:12

Tgt Ion	Ratio	Lower	Upper
88	100		
58	76.6	55.8	83.8
43	40.2	27.8	41.8

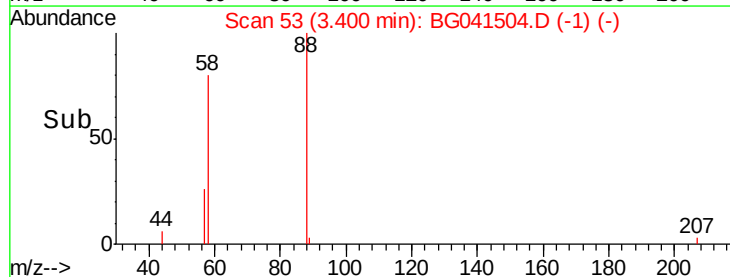
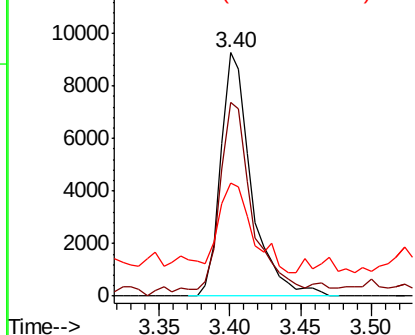


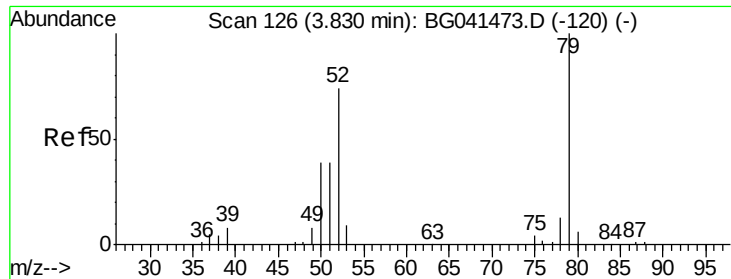
Abundance

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





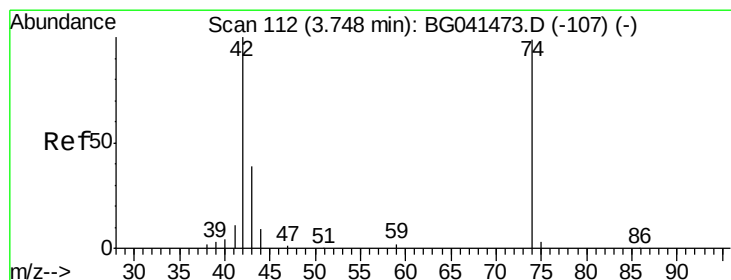
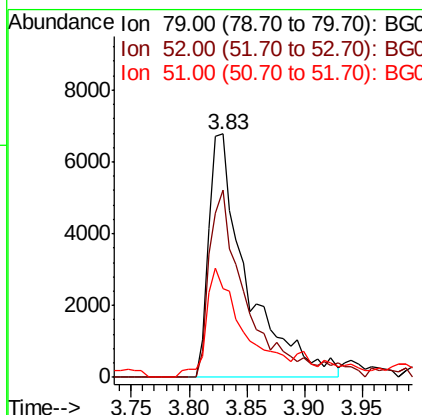
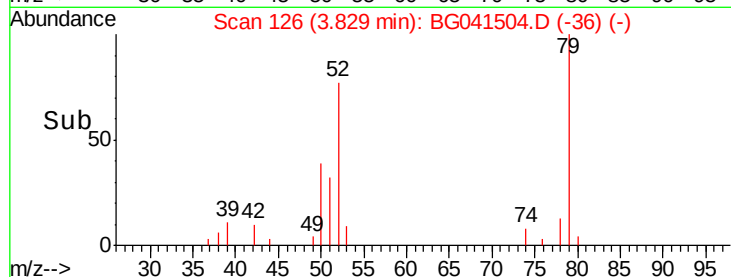
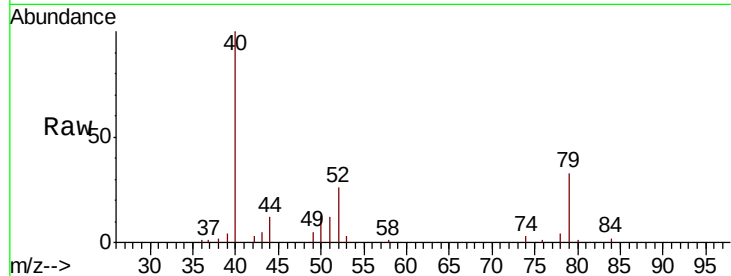
#3
 Pvridine
 Concen: 10.512 ng
 RT: 3.83 min Scan# 126
 Delta R.T. -0.00 min
 Lab File: BG041504.D
 Acq: 28 Jun 2019 3:12

Instrument :
 BNA_G
 ClientSampled :
 M-10MSD

Tot Ion	Ratio	Lower	Upper
79	100		
52	77.1	59.4	89.0
51	36.6	32.3	48.5

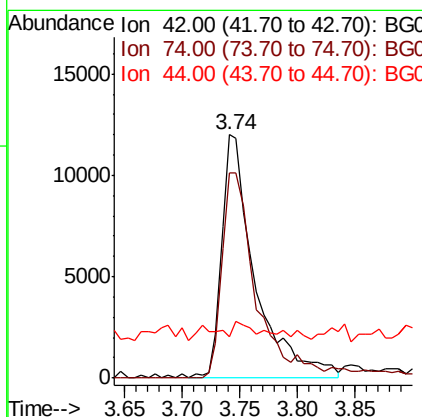
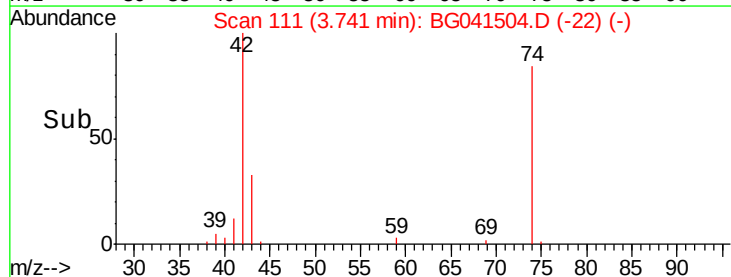
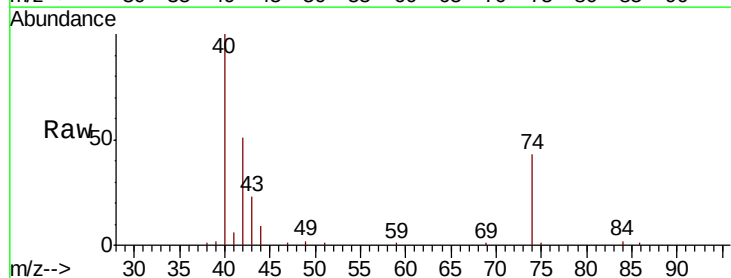
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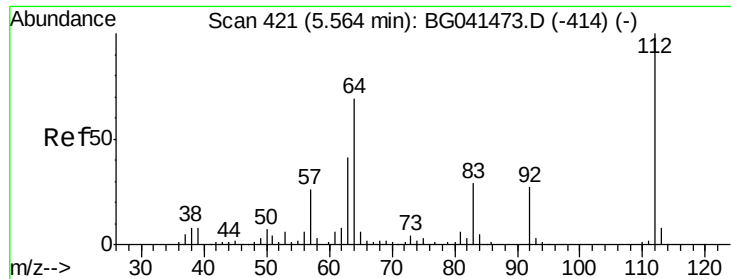
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#4
 n-Nitrosodimethylamine
 Concen: 29.262 ng
 RT: 3.74 min Scan# 111
 Delta R.T. -0.01 min
 Lab File: BG041504.D
 Acq: 28 Jun 2019 3:12

Tgt Ion	Ratio	Lower	Upper
42	100		
74	84.4	79.5	119.3
44	17.0	14.2	21.2





#5

2-Fluorophenol

Concen: 116.299 ng

RT: 5.57 min Scan# 422

Delta R.T. 0.00 min

Lab File: BG041504.D

Acq: 28 Jun 2019 3:12

Instrument :

BNA_G

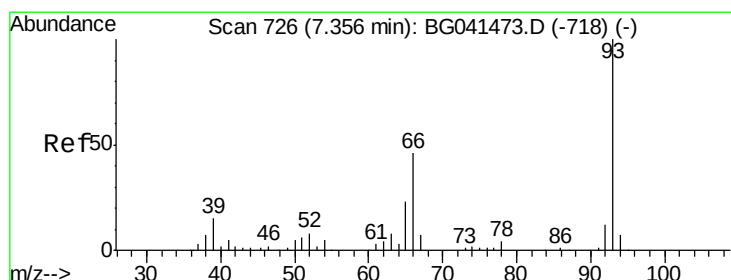
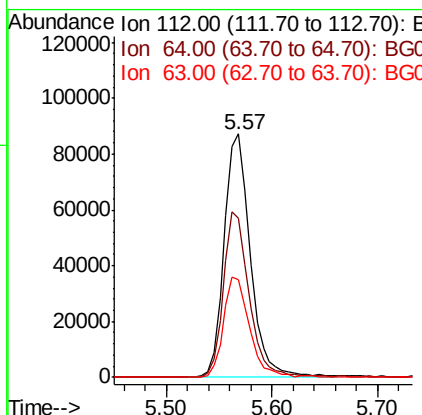
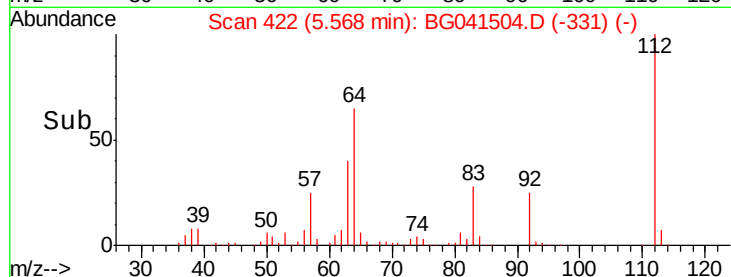
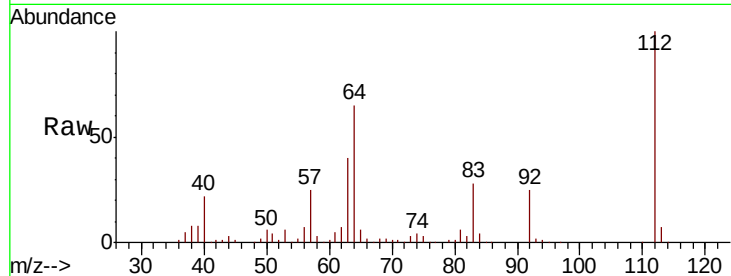
ClientSampled :

M-10MSD

Tot Ion:	112	Resp:	149949
Ion Ratio	Lower	Upper	
112	100		
64	65.3	55.1	82.7
63	40.4	32.4	48.6

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#6

Aniline

Concen: 17.137 ng

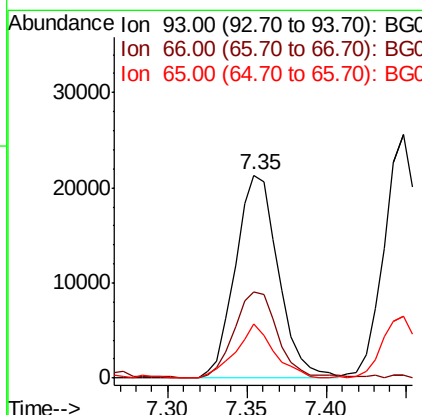
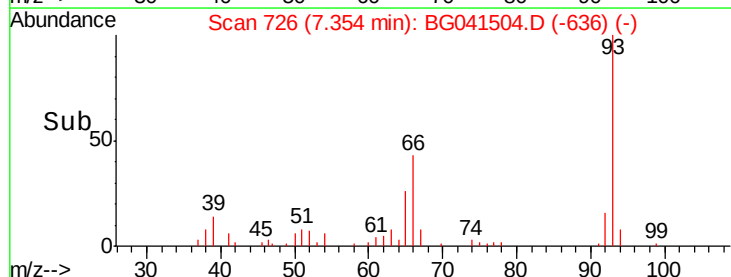
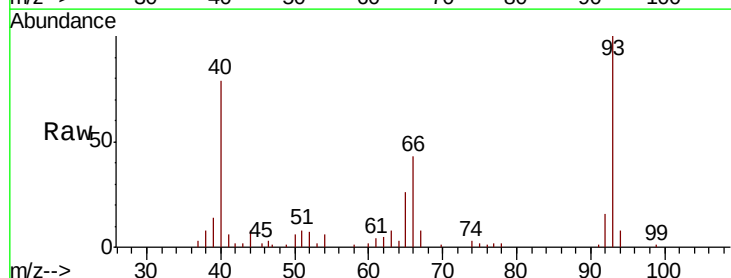
RT: 7.35 min Scan# 726

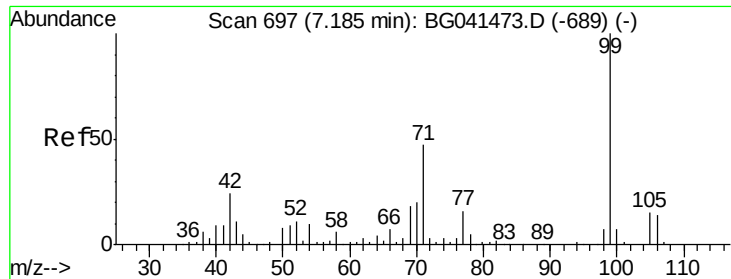
Delta R.T. -0.00 min

Lab File: BG041504.D

Acq: 28 Jun 2019 3:12

Tgt Ion:	93	Resp:	40094
Ion Ratio	Lower	Upper	
93	100		
66	42.5	37.4	56.0
65	26.5	18.6	27.8





#7

Phenol-d6

Concen: 122.502 ng

RT: 7.19 min Scan# 698

Delta R.T. 0.00 min

Lab File: BG041504.D

Acq: 28 Jun 2019 3:12

Instrument :

BNA_G

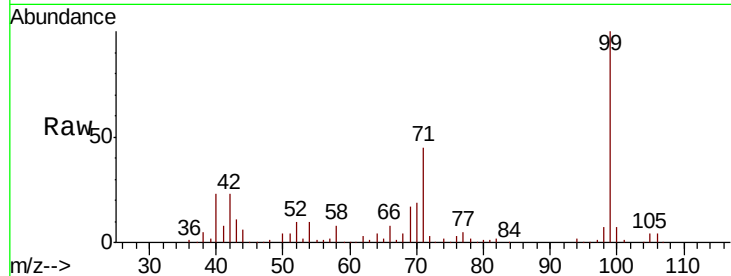
ClientSampled :

M-10MSD

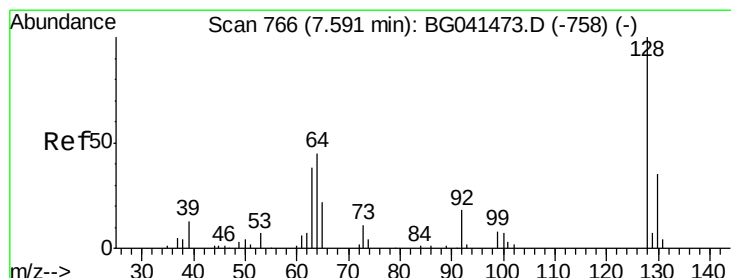
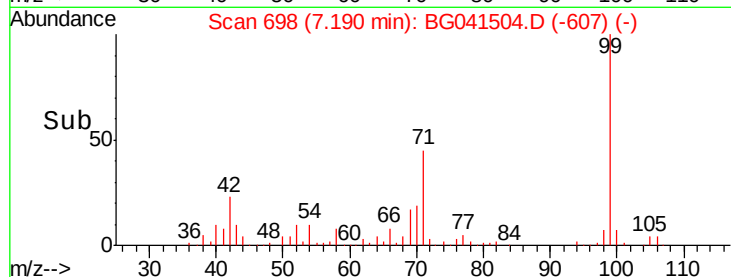
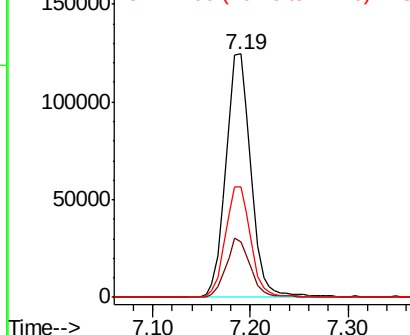
Tot Ion:	99	Resp:	222348
Ion Ratio	Lower	Upper	
99	100		
42	22.9	19.0	28.6
71	45.3	37.4	56.2

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Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 33.665 ng

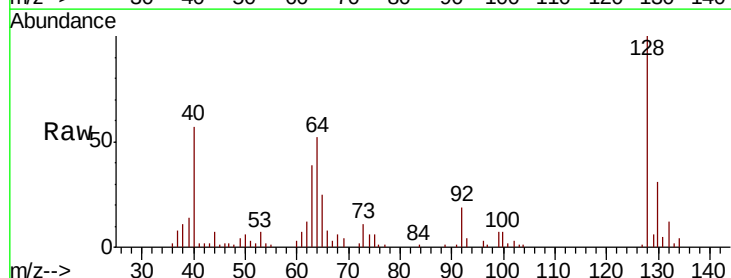
RT: 7.59 min Scan# 766

Delta R.T. -0.00 min

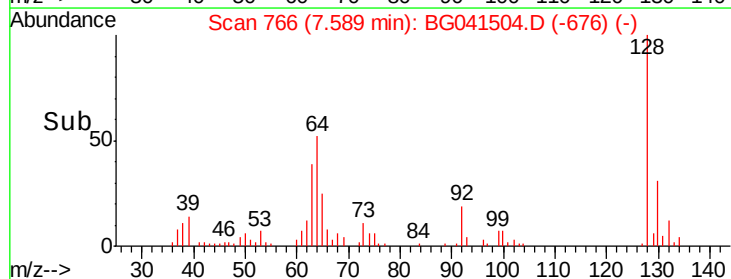
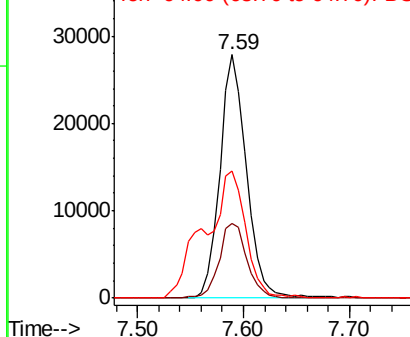
Lab File: BG041504.D

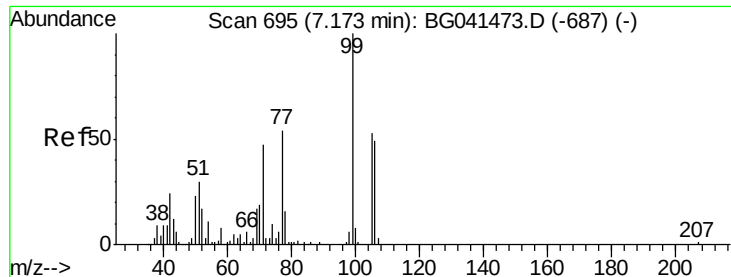
Acq: 28 Jun 2019 3:12

Tgt Ion:	128	Resp:	48679
Ion Ratio	Lower	Upper	
128	100		
130	30.7	15.0	55.0
64	52.4	33.3	73.3



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 33.532 ng

RT: 7.17 min Scan# 695

Delta R.T. -0.00 min

Lab File: BG041504.D

Acq: 28 Jun 2019 3:12

Instrument :

BNA_G

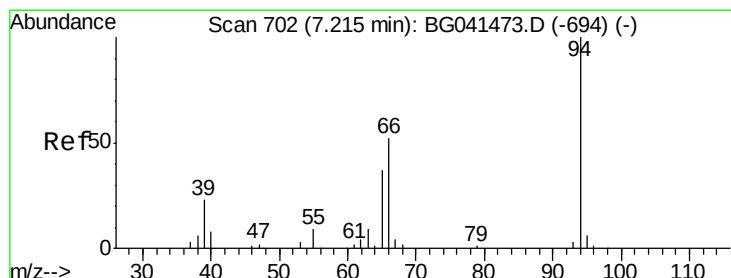
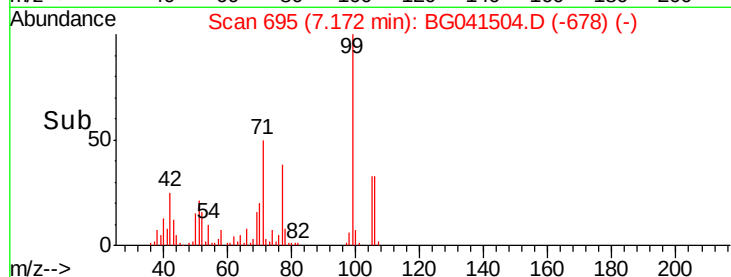
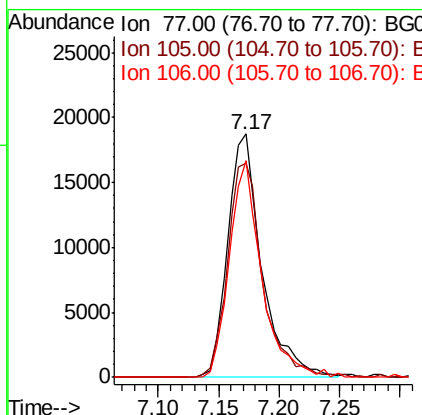
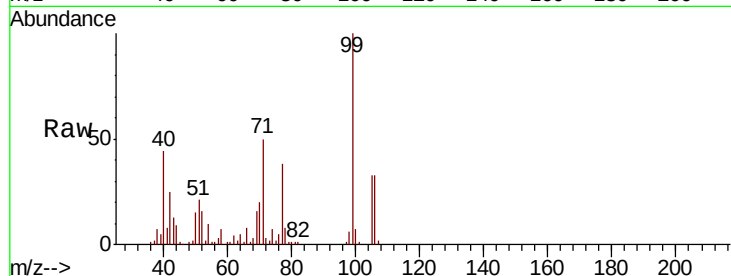
ClientSampled :

M-10MSD

Tot Ion:	77	Resp:	36755
Ion	Ratio	Lower	Upper
77	100		
105	88.0	77.8	117.8
106	89.2	70.1	110.1

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#10

Phenol

Concen: 34.308 ng

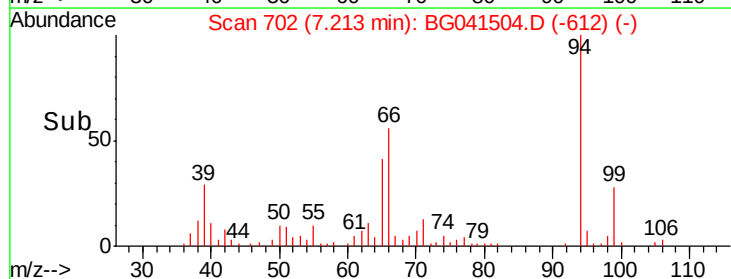
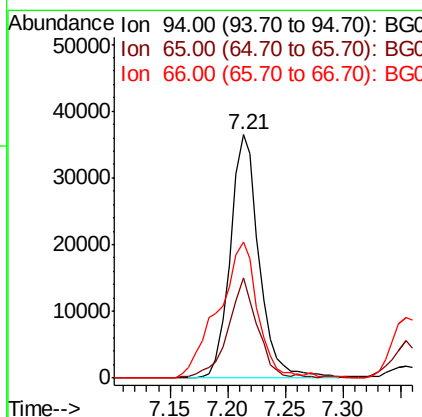
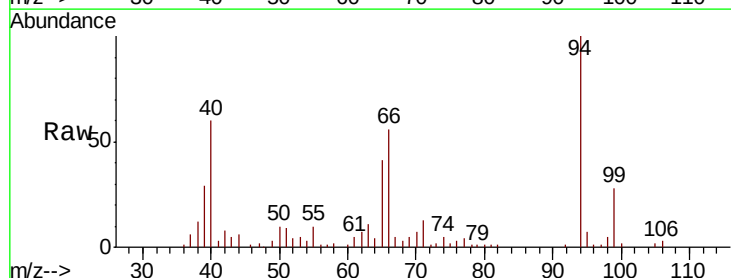
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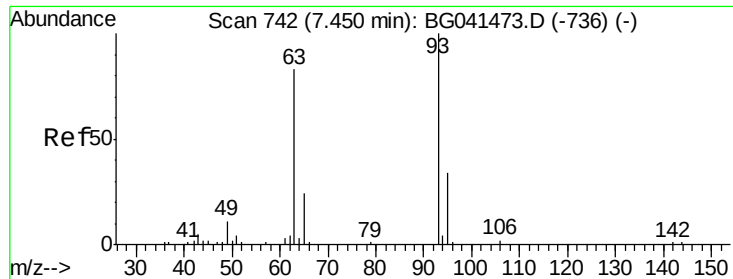
Delta R.T. -0.00 min

Lab File: BG041504.D

Acq: 28 Jun 2019 3:12

Tgt Ion:	94	Resp:	62759
Ion	Ratio	Lower	Upper
94	100		
65	41.1	17.9	57.9
66	56.1	34.4	74.4





#11

bis(2-Chloroethyl)ether

Concen: 28.088 ng

RT: 7.45 min Scan# 742

Delta R.T. -0.00 min

Lab File: BG041504.D

Acq: 28 Jun 2019 3:12

Instrument :

BNA_G

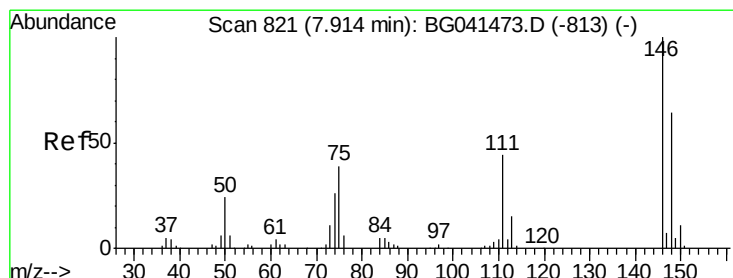
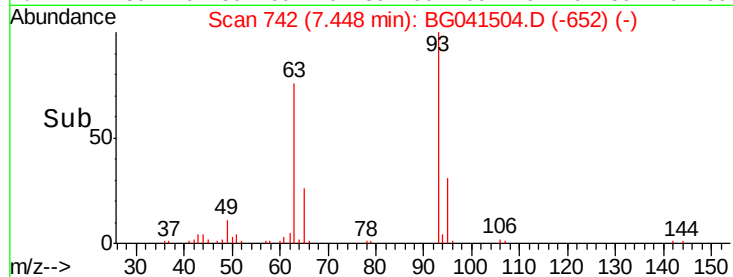
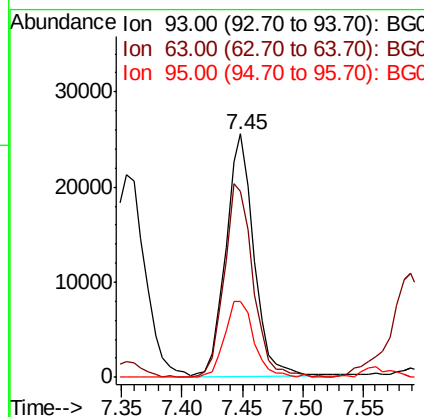
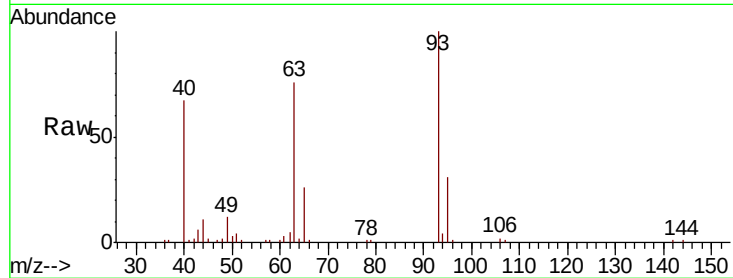
ClientSampleId :

M-10MSD

Tot Ion:	93	Resp:	40746
Ion	Ratio	Lower	Upper
93	100		
63	76.2	62.0	102.0
95	31.4	13.0	53.0

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#12

1,3-Dichlorobenzene

Concen: 27.320 ng

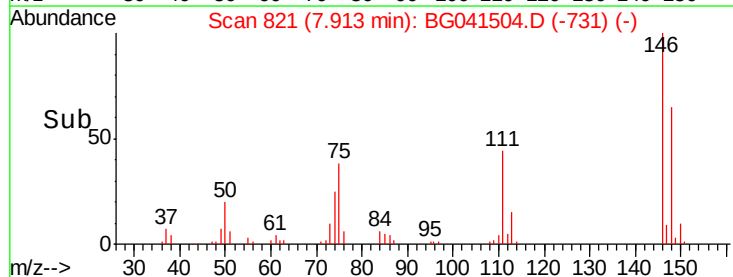
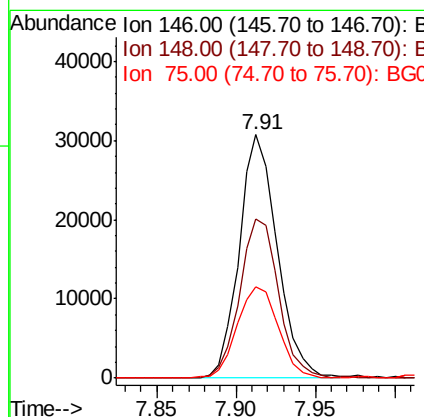
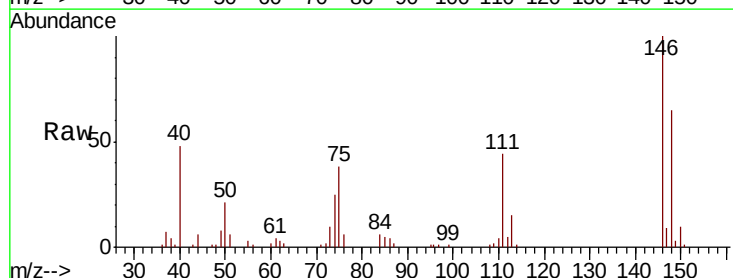
RT: 7.91 min Scan# 821

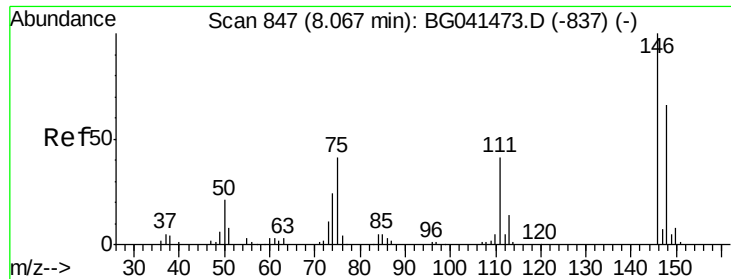
Delta R.T. -0.00 min

Lab File: BG041504.D

Acq: 28 Jun 2019 3:12

Tgt Ion:	146	Resp:	51102
Ion	Ratio	Lower	Upper
146	100		
148	65.1	51.1	76.7
75	37.5	31.0	46.6





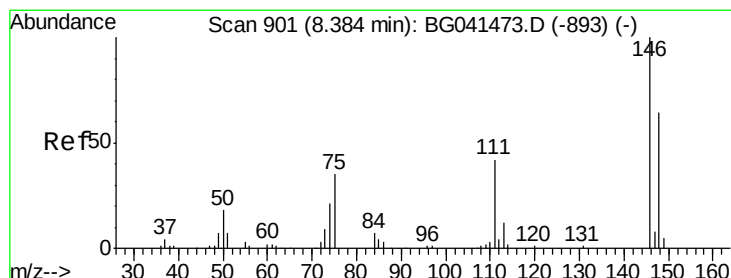
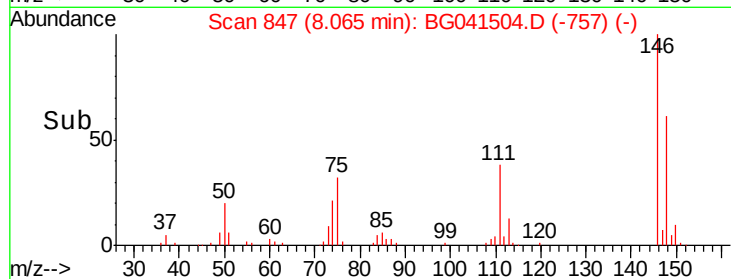
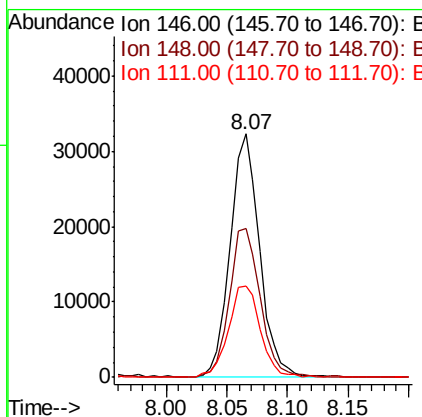
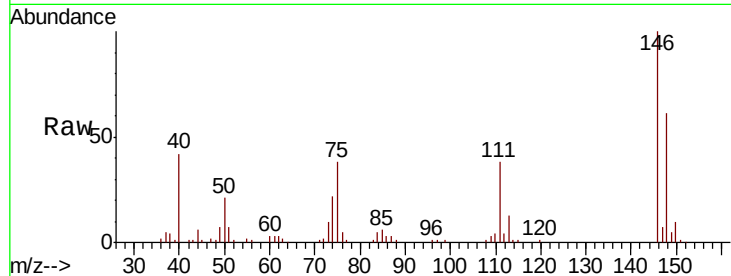
#13
 1,4-Dichlorobenzene
 Concen: 29.169 ng
 RT: 8.07 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: BG041504.D
 Acq: 28 Jun 2019 3:12

Instrument :
 BNA_G
 ClientSampleId :
 M-10MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	61.3	52.8	79.2
111	37.6	33.1	49.7

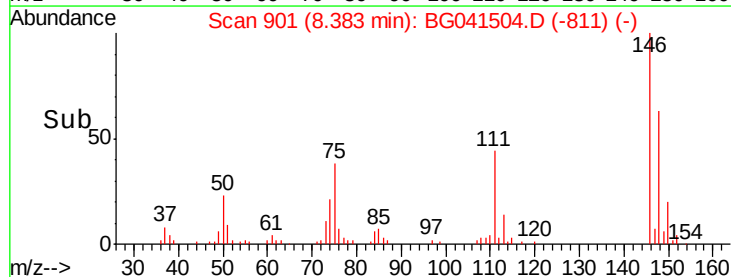
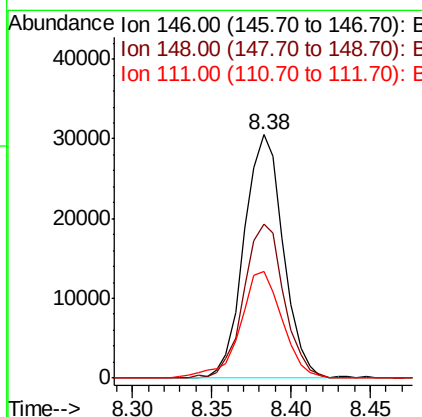
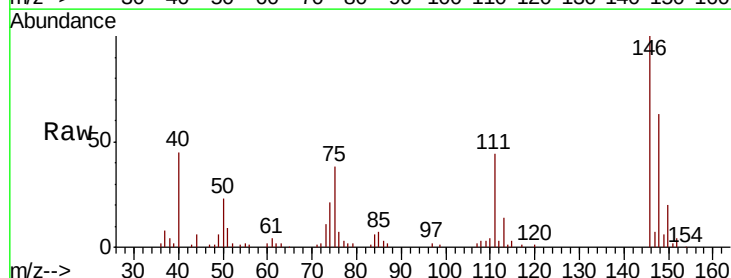
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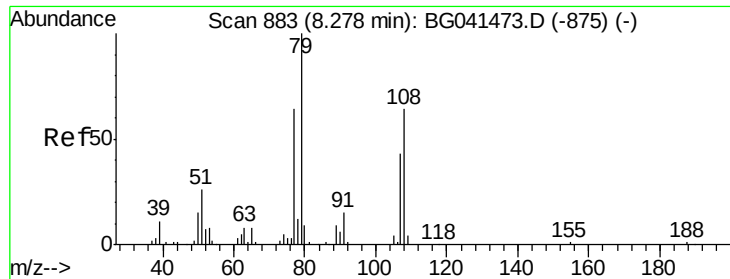
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 28.980 ng
 RT: 8.38 min Scan# 901
 Delta R.T. -0.00 min
 Lab File: BG041504.D
 Acq: 28 Jun 2019 3:12

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.3	51.3	76.9
111	44.0	34.3	51.5





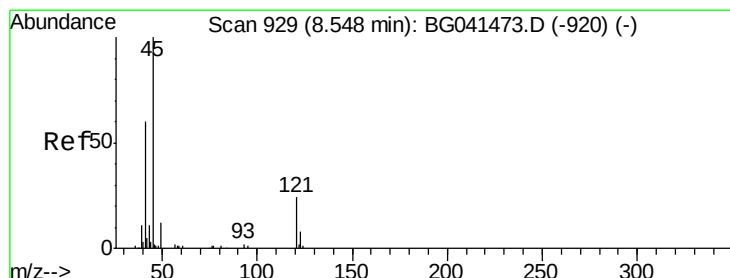
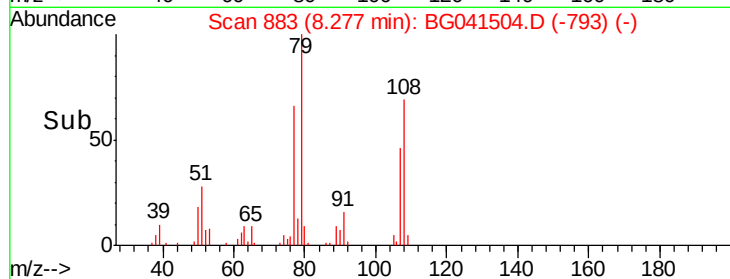
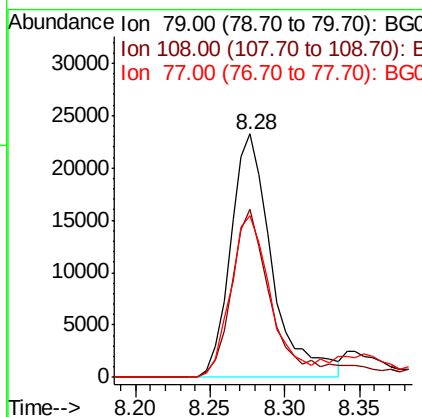
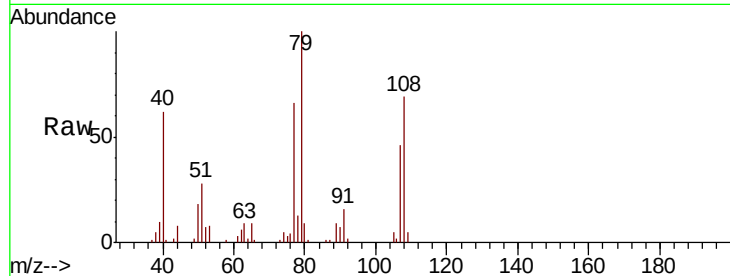
#15
Benzyl Alcohol
Concen: 31.079 ng
RT: 8.28 min Scan# 883
Delta R.T. -0.00 min
Lab File: BG041504.D
Acq: 28 Jun 2019 3:12

Instrument :
BNA_G
ClientSampleId :
M-10MSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	69.2	51.4	77.0
77	66.5	50.8	76.2

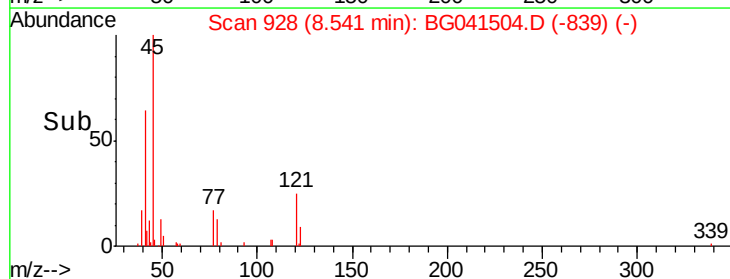
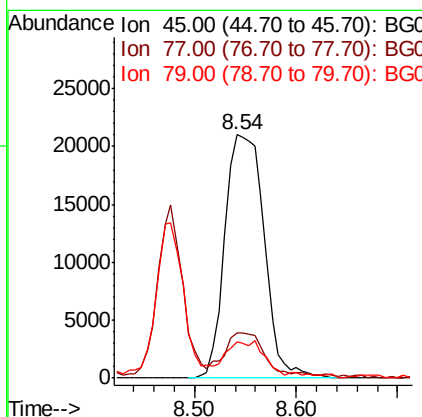
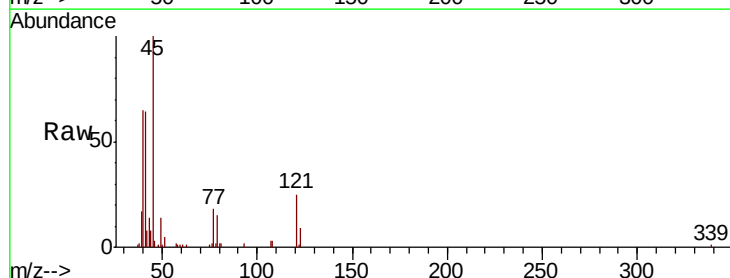
Manual Integrations
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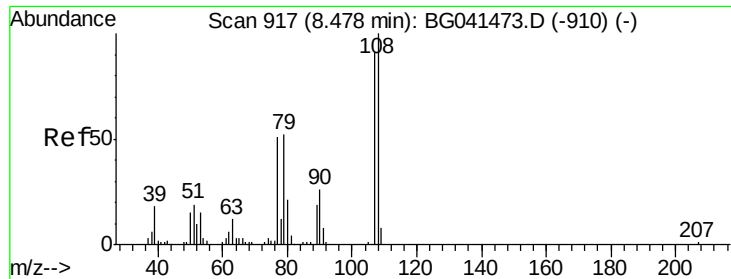
mohammad
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#16
2,2'-oxybis(1-chloropropane)
Concen: 27.666 ng
RT: 8.54 min Scan# 928
Delta R.T. -0.01 min
Lab File: BG041504.D
Acq: 28 Jun 2019 3:12

Tgt Ion	Ratio	Lower	Upper
45	100		
77	18.5	0.0	36.3
79	14.7	0.0	32.4





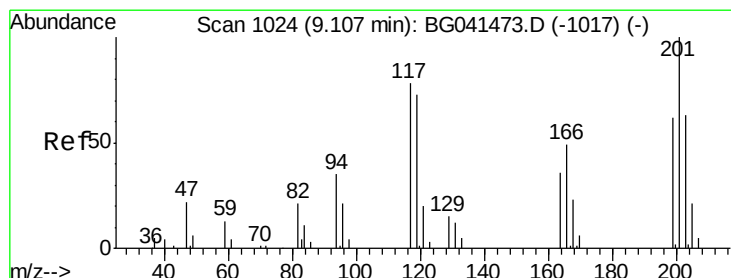
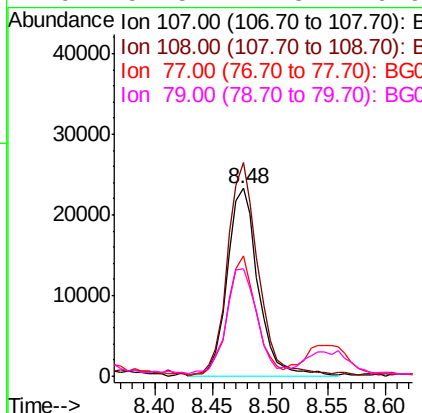
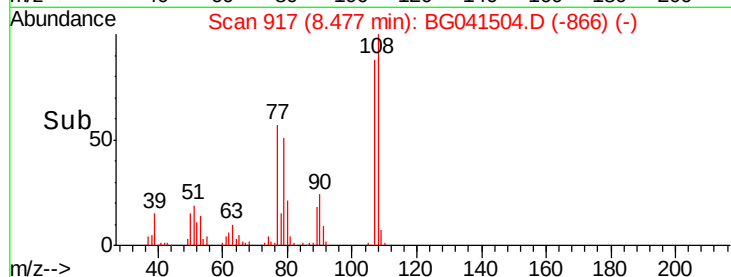
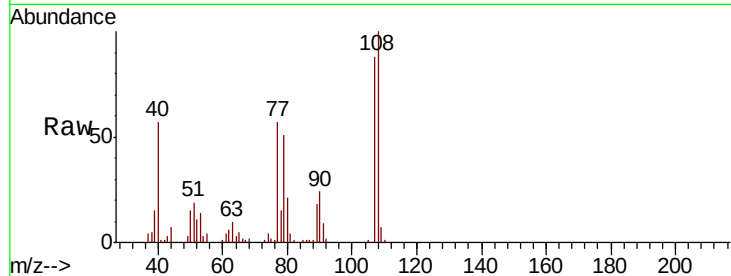
#17
2-Methylphenol
Concen: 32.554 ng
RT: 8.48 min Scan# 917
Delta R.T. -0.00 min
Lab File: BG041504.D
Acq: 28 Jun 2019 3:12

Instrument :
BNA_G
ClientSampleId :
M-10MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.7	88.0	132.0	
77	64.3	45.3	67.9	
79	57.5	47.3	70.9	

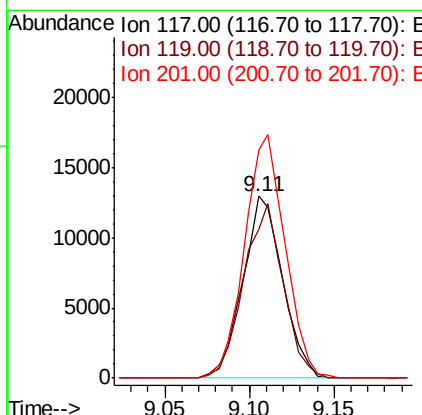
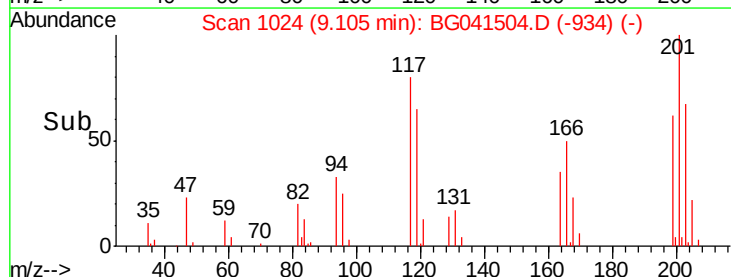
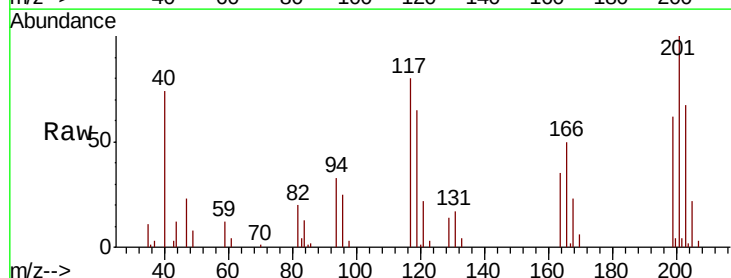
Manual Integrations
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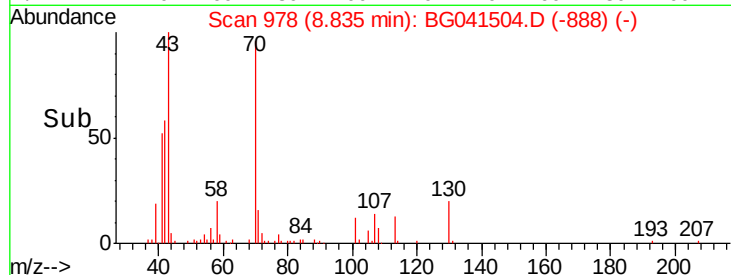
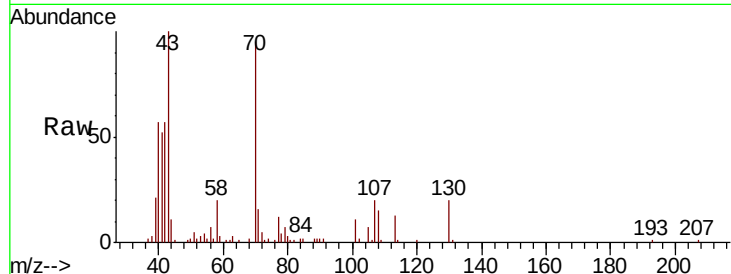
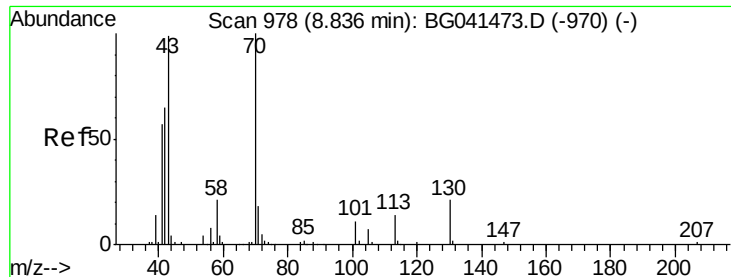
mohammad
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#18
Hexachloroethane
Concen: 28.499 ng
RT: 9.11 min Scan# 1024
Delta R.T. -0.00 min
Lab File: BG041504.D
Acq: 28 Jun 2019 3:12

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	81.9	74.3	111.5	
201	125.5	102.3	153.5	





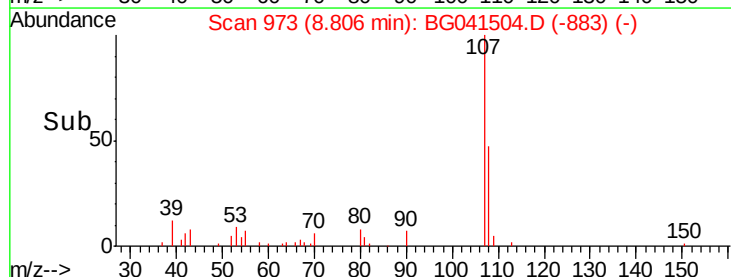
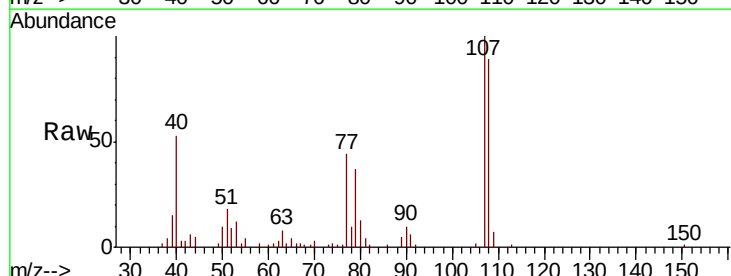
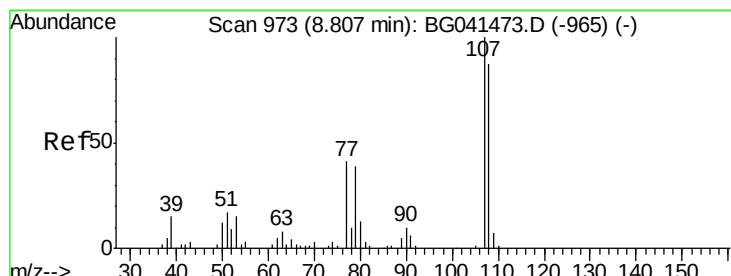
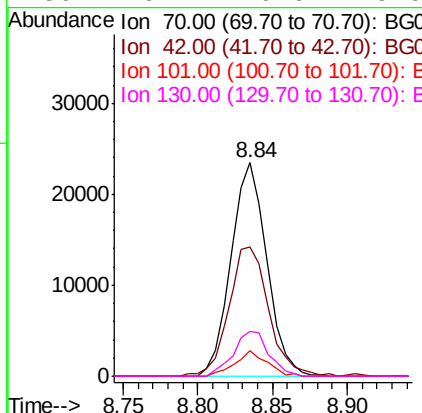
#19
n-Nitroso-di-n-propylamine
Concen: 28.923 ng
RT: 8.84 min Scan# 978
Delta R.T. -0.00 min
Lab File: BG041504.D
Acq: 28 Jun 2019 3:12

Instrument :
BNA_G
ClientSampleId :
M-10MSD

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	60.5	52.6	78.8	
101	12.1	8.6	13.0	
130	20.7	16.6	25.0	

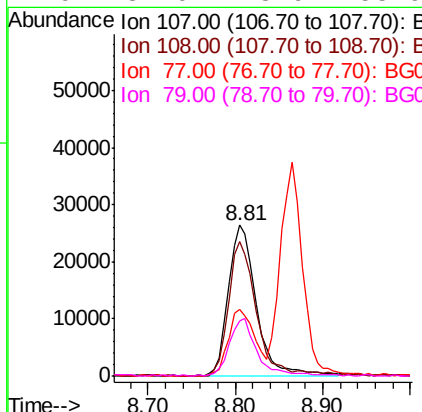
Manual Integrations
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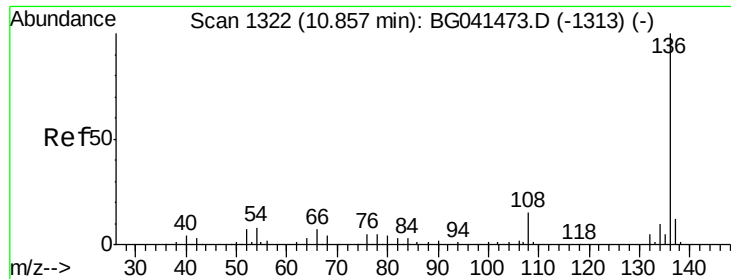
mohammad
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#20
3+4-Methylphenols
Concen: 32.621 ng
RT: 8.81 min Scan# 973
Delta R.T. -0.00 min
Lab File: BG041504.D
Acq: 28 Jun 2019 3:12

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	88.9	67.0	107.0	
77	44.2	20.6	60.6	
79	37.0	18.9	58.9	





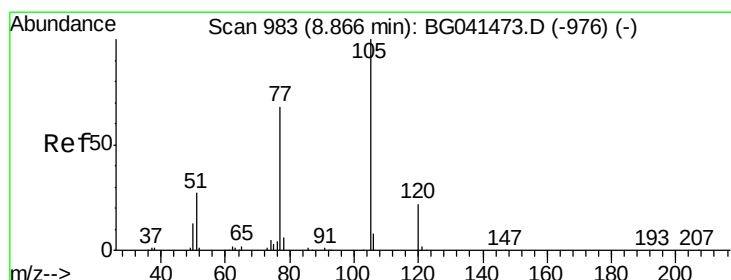
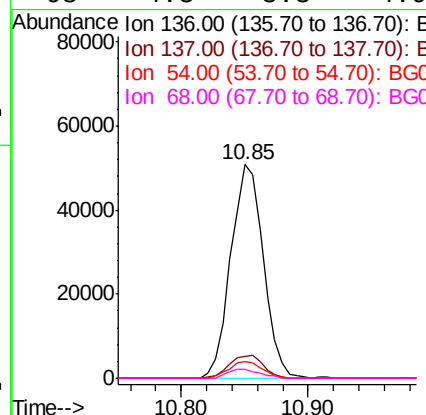
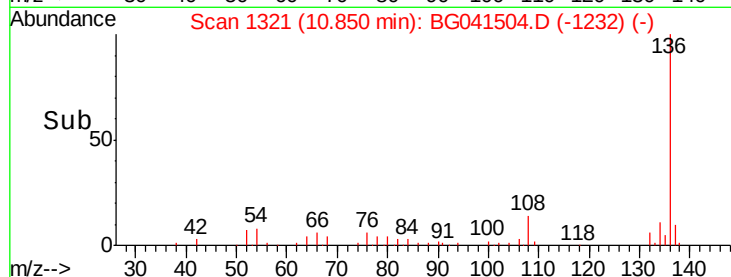
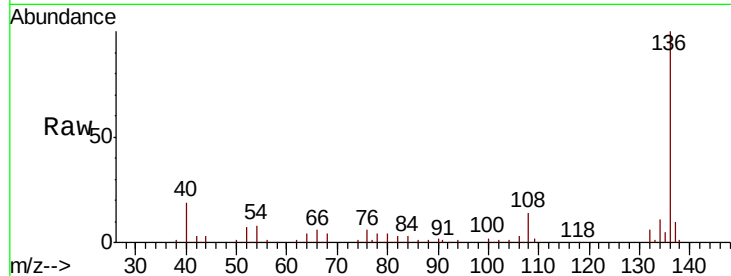
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1321
Delta R.T. -0.01 min
Lab File: BG041504.D
Acq: 28 Jun 2019 3:12

Instrument :
BNA_G
ClientSampleId :
M-10MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.1	9.3	13.9	
54	7.9	7.1	10.7	
68	4.3	3.3	4.9	

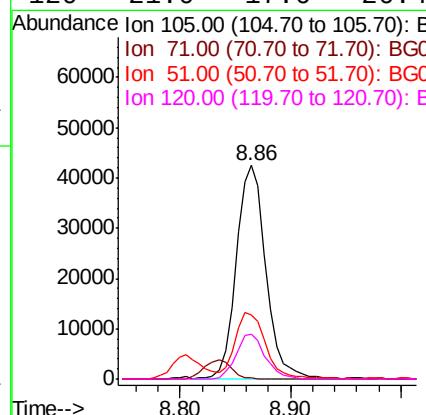
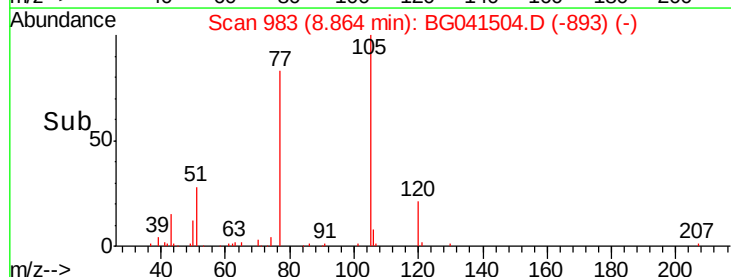
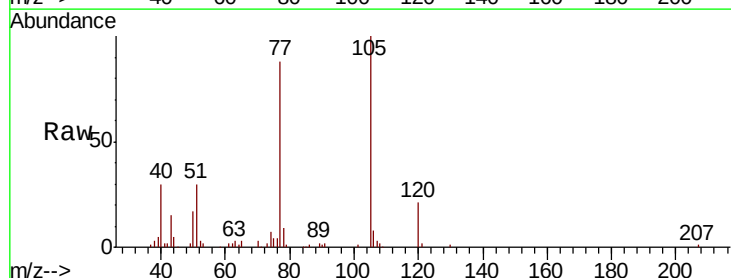
Manual Integrations
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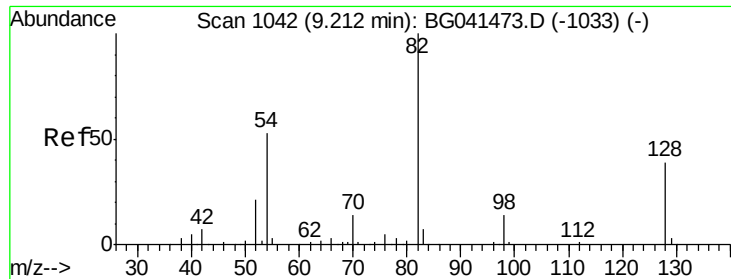
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#22
Acetophenone
Concen: 29.476 ng
RT: 8.86 min Scan# 983
Delta R.T. -0.00 min
Lab File: BG041504.D
Acq: 28 Jun 2019 3:12

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	0.4	0.5	0.7#	
51	30.3	25.0	37.6	
120	21.0	17.6	26.4	





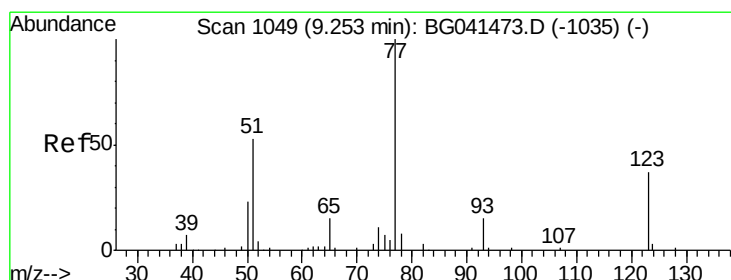
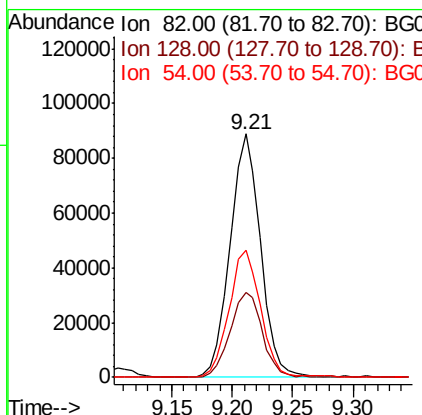
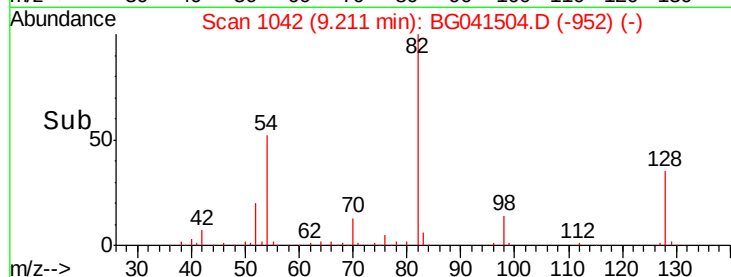
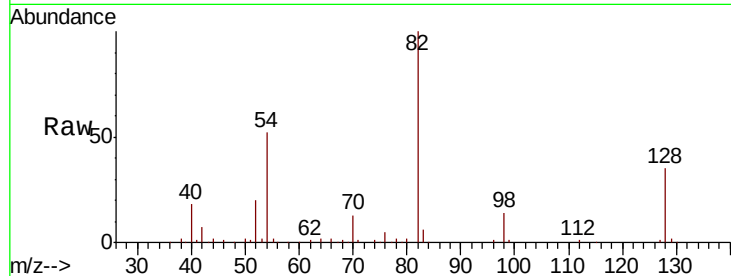
#23
Nitrobenzene-d5
Concen: 72.354 ng
RT: 9.21 min Scan# 1042
Delta R.T. -0.00 min
Lab File: BG041504.D
Acq: 28 Jun 2019 3:12

Instrument :
BNA_G
ClientSampled :
M-10MSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100	156396		
128	34.9	30.9	46.3	
54	52.1	42.2	63.2	

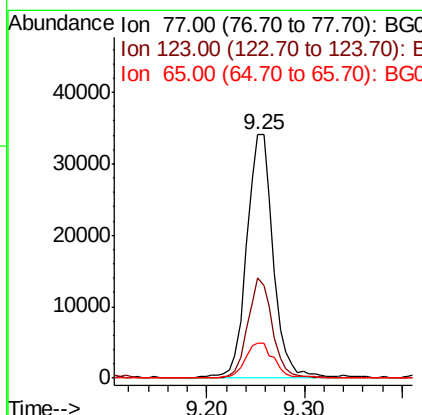
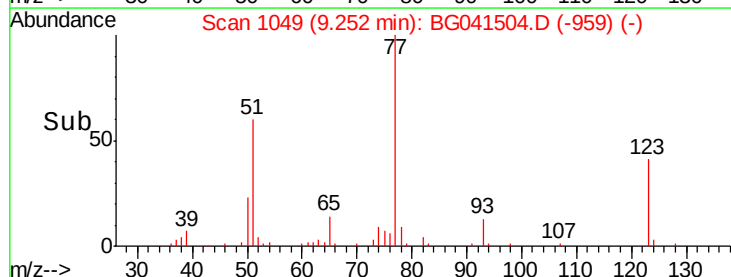
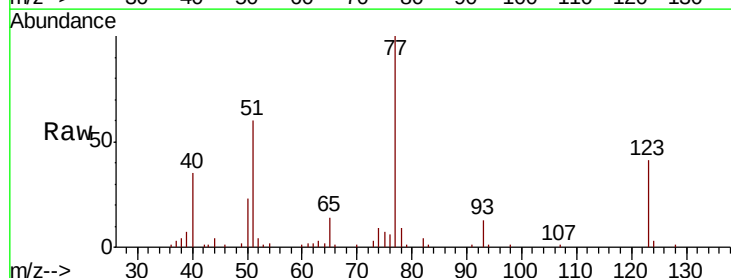
Manual Integrations
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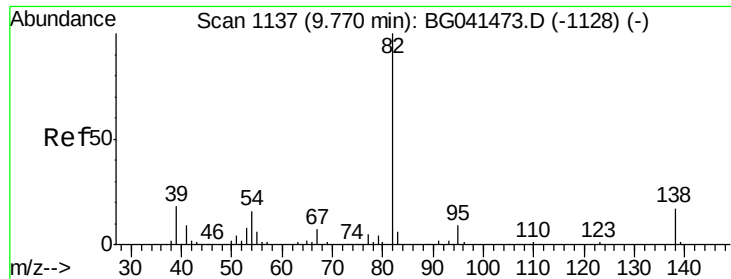
mohammad
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#24
Nitrobenzene
Concen: 30.028 ng
RT: 9.25 min Scan# 1049
Delta R.T. -0.00 min
Lab File: BG041504.D
Acq: 28 Jun 2019 3:12

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	65150		
123	41.4	29.9	44.9	
65	14.3	12.2	18.4	





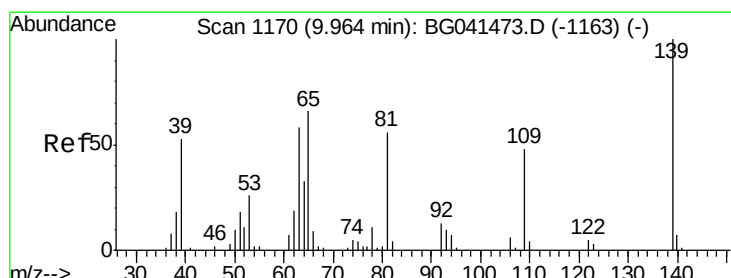
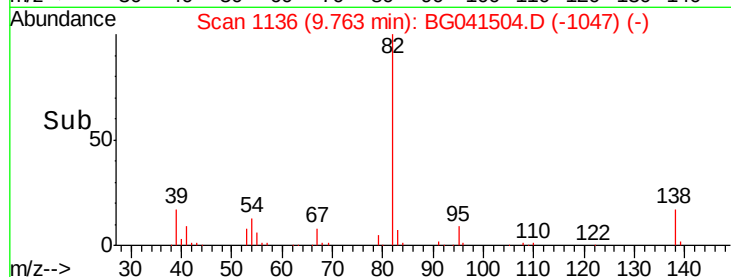
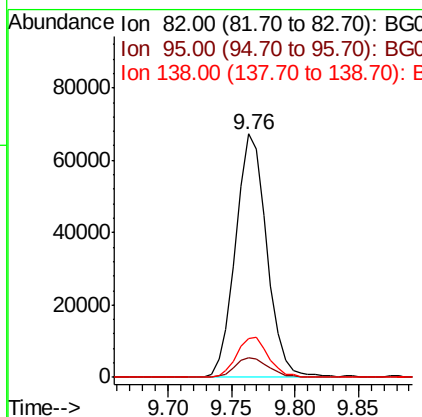
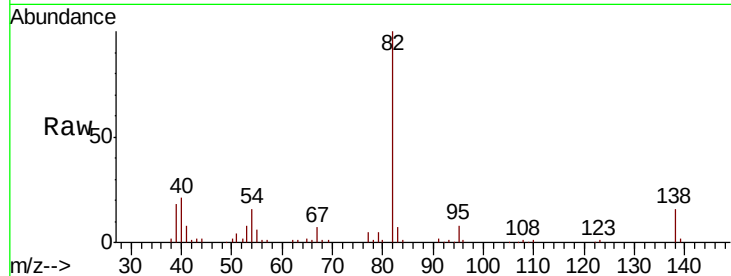
#25
Isophorone
Concen: 29.561 ng
RT: 9.76 min Scan# 1136
Delta R.T. -0.01 min
Lab File: BG041504.D
Acq: 28 Jun 2019 3:12

Instrument :
BNA_G
ClientSampleId :
M-10MSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100	114722		
95	8.0	6.8	10.2	
138	15.9	13.7	20.5	

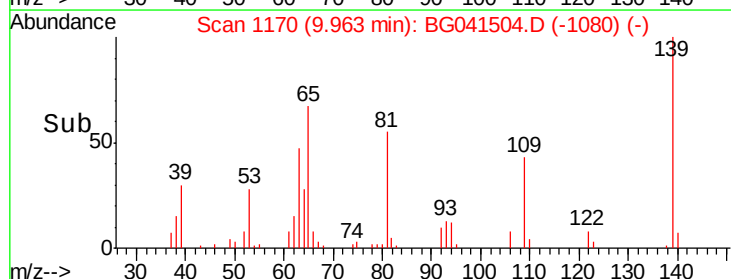
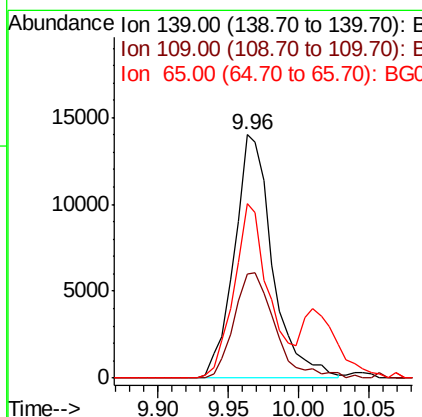
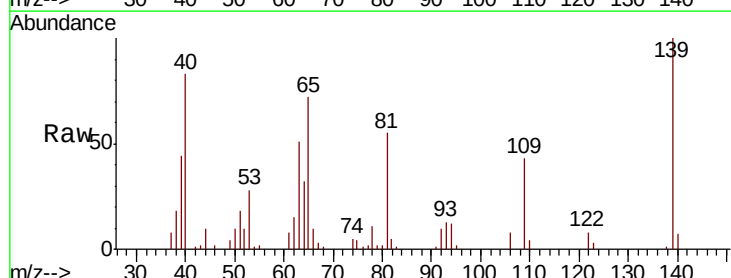
Manual Integrations
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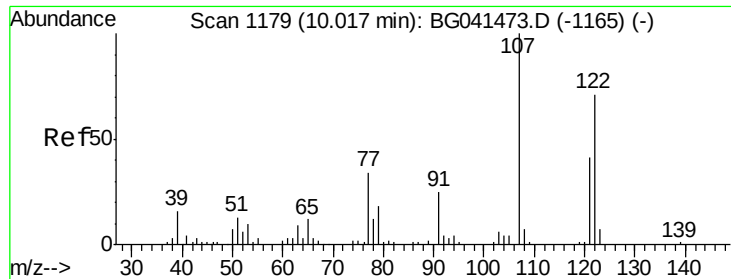
mohammad
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#26
2-Nitrophenol
Concen: 29.139 ng
RT: 9.96 min Scan# 1170
Delta R.T. -0.00 min
Lab File: BG041504.D
Acq: 28 Jun 2019 3:12

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	26403		
109	42.9	38.6	57.8	
65	71.8	52.6	78.8	





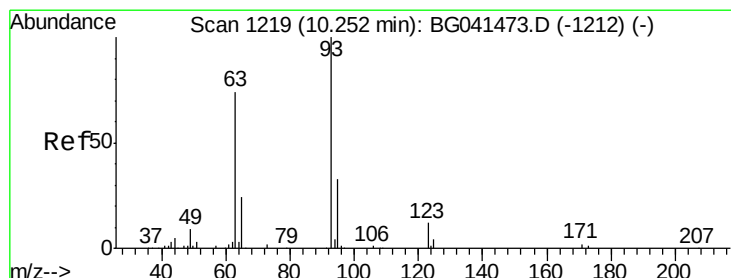
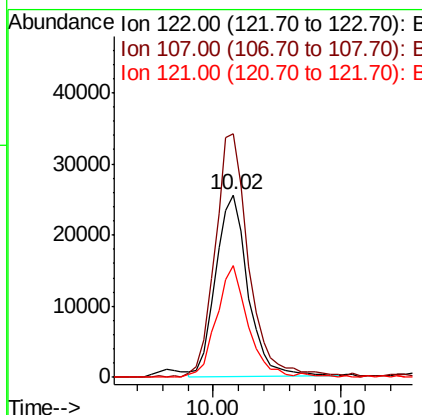
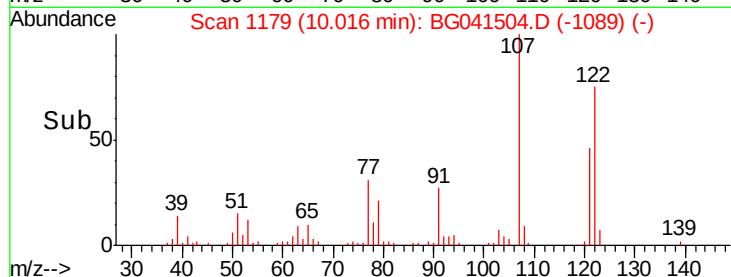
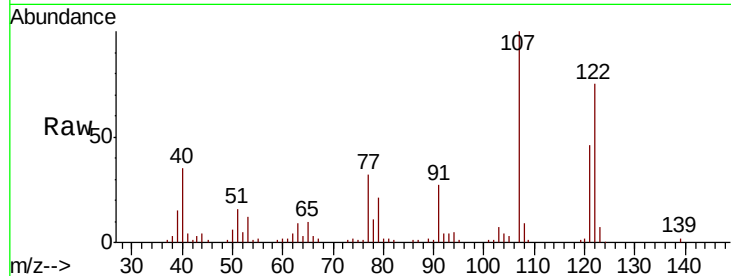
#27
 2,4-Dimethylphenol
 Concen: 35.768 ng
 RT: 10.02 min Scan# 1179
 Delta R.T. -0.00 min
 Lab File: BG041504.D
 Acq: 28 Jun 2019 3:12

Instrument :
 BNA_G
 ClientSampled :
 M-10MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
122	100		45106		
107	133.3	112.9	169.3		
121	61.3	46.1	69.1		

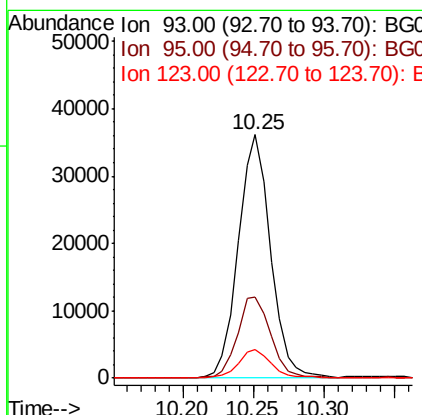
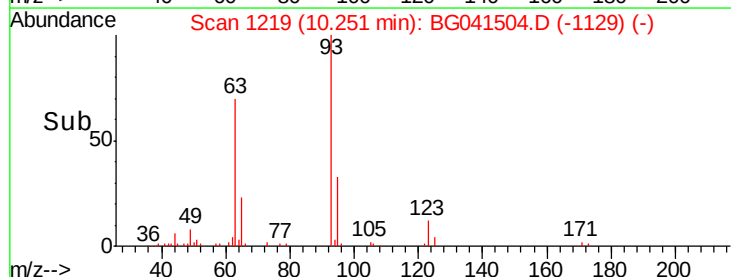
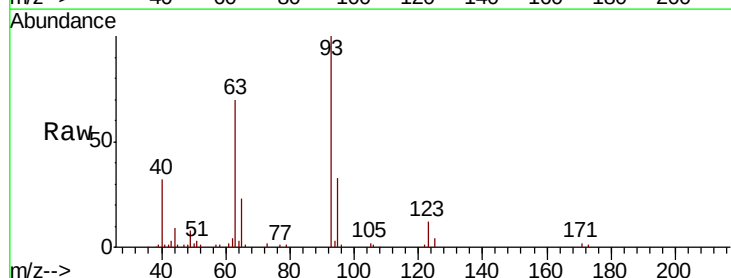
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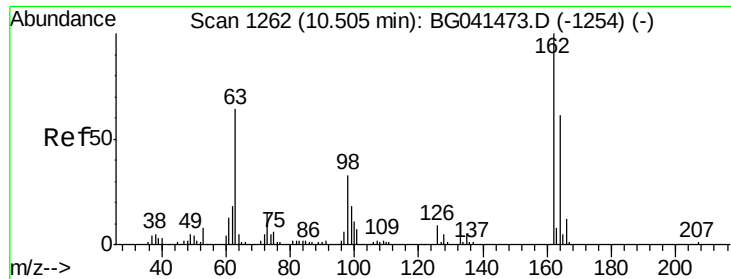
mohammad
 7/1/2019 8:11:07 AM



#28
 bis(2-Chloroethoxy)methane
 Concen: 28.172 ng
 RT: 10.25 min Scan# 1219
 Delta R.T. -0.00 min
 Lab File: BG041504.D
 Acq: 28 Jun 2019 3:12

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		57813		
95	33.3	26.2	39.2		
123	11.6	9.6	14.4		





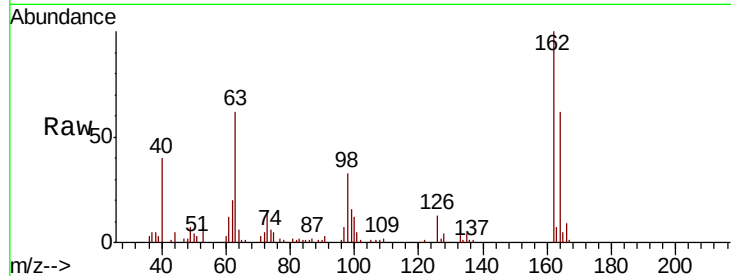
#29
2,4-Dichlorophenol
Concen: 32.576 ng
RT: 10.50 min Scan# 1262
Delta R.T. -0.00 min
Lab File: BG041504.D
Acq: 28 Jun 2019 3:12

Instrument :
BNA_G
ClientSampleId :
M-10MSD

Tot Ion	Ratio	Lower	Upper
162	100		
164	61.6	41.3	81.3
98	32.8	13.2	53.2

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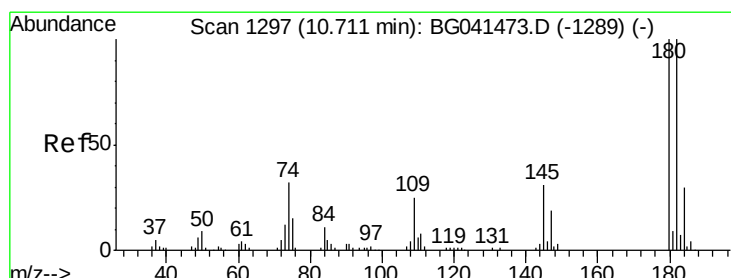
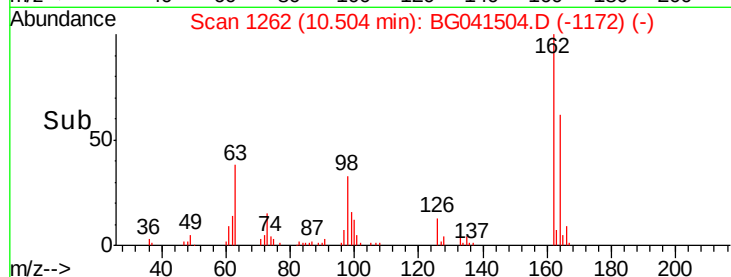
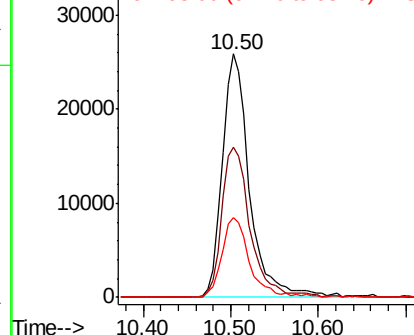


Abundance

Ion 162.00 (161.70 to 162.70): E

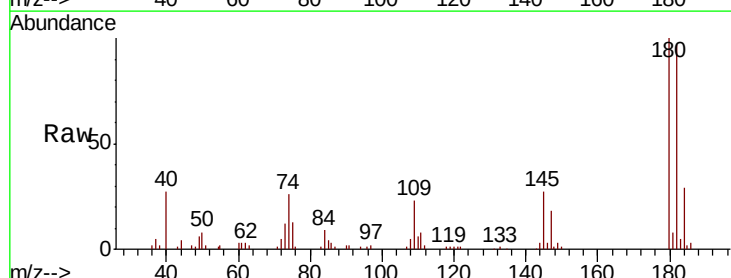
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BGC



#30
1,2,4-Trichlorobenzene
Concen: 29.554 ng
RT: 10.71 min Scan# 1297
Delta R.T. -0.00 min
Lab File: BG041504.D
Acq: 28 Jun 2019 3:12

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.4	79.9	119.9
145	27.4	24.7	37.1

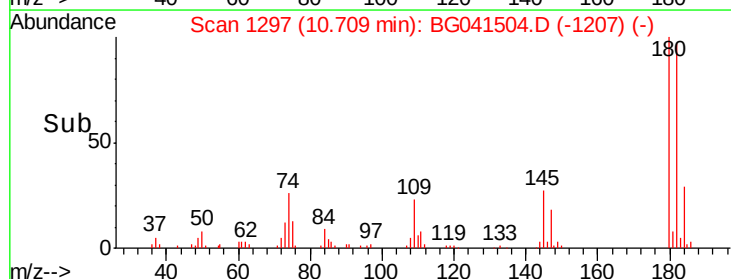
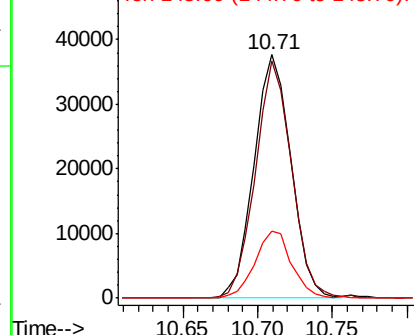


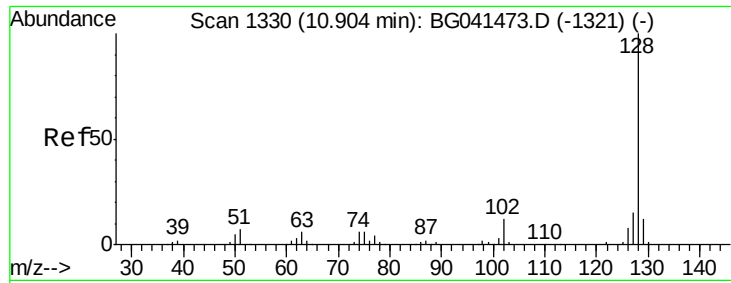
Abundance

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





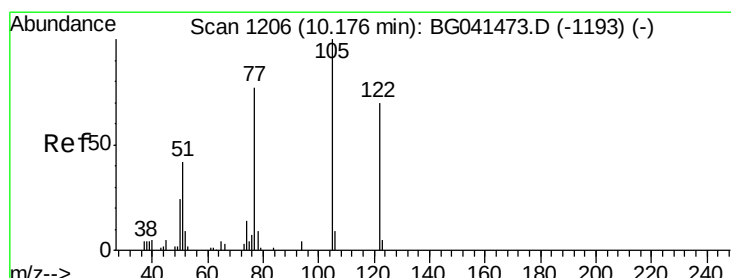
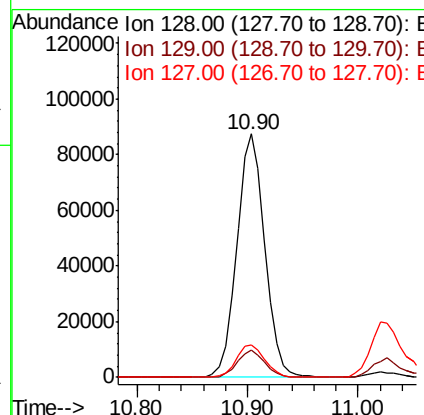
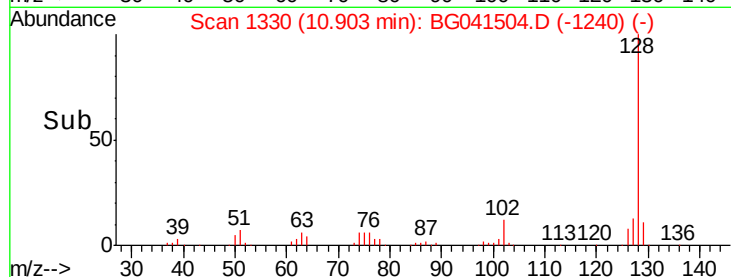
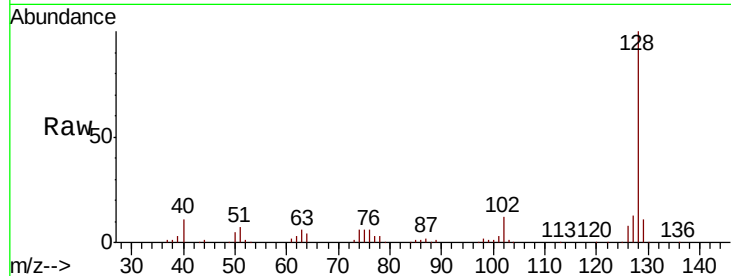
#31
Naphthalene
Concen: 31.092 ng
RT: 10.90 min Scan# 1330
Delta R.T. -0.00 min
Lab File: BG041504.D
Acq: 28 Jun 2019 3:12

Instrument :
BNA_G
ClientSampleId :
M-10MSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.7	14.5
127	13.1	11.6	17.4

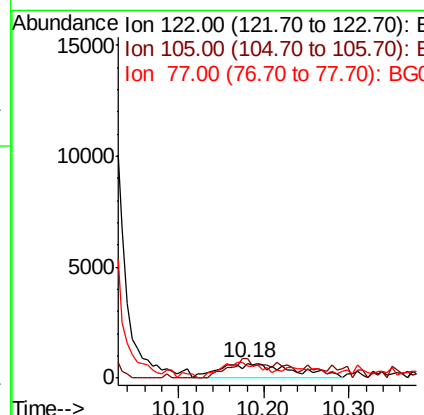
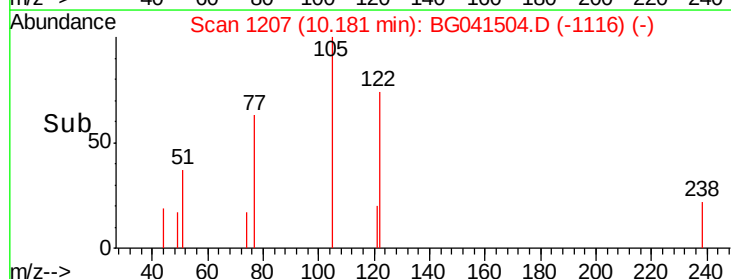
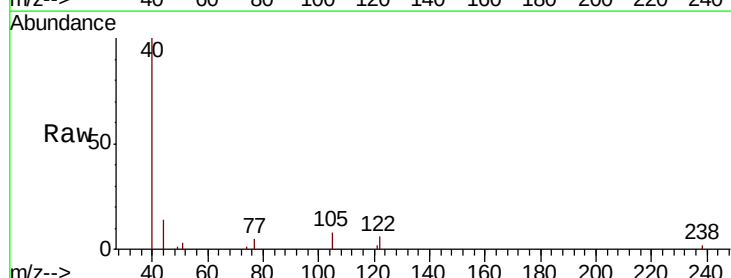
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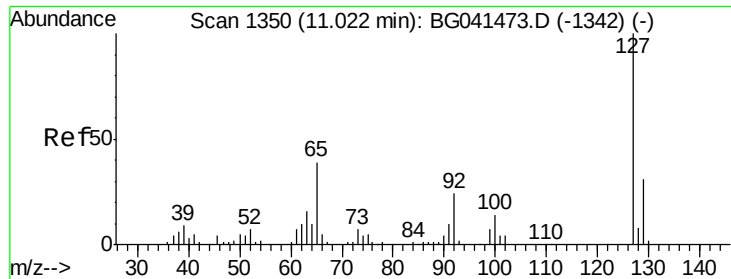
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#32
Benzoic acid
Concen: 10.296 ng m
RT: 10.18 min Scan# 1207
Delta R.T. 0.01 min
Lab File: BG041504.D
Acq: 28 Jun 2019 3:12

Tgt Ion	Ratio	Lower	Upper
122	100		
105	134.2	117.8	157.8
77	84.2	88.9	128.9#





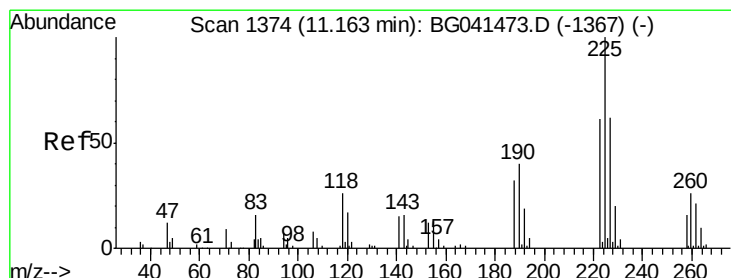
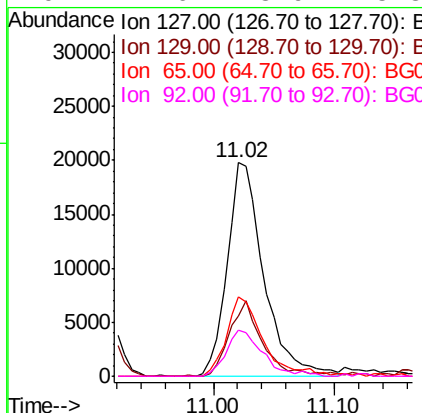
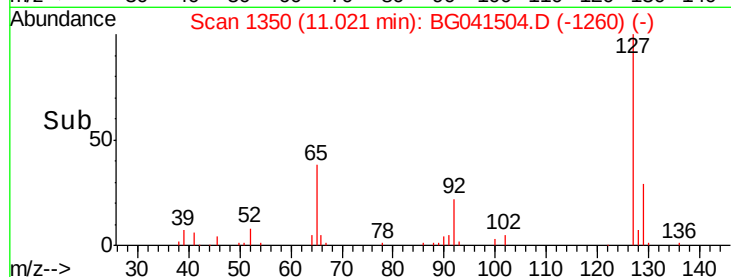
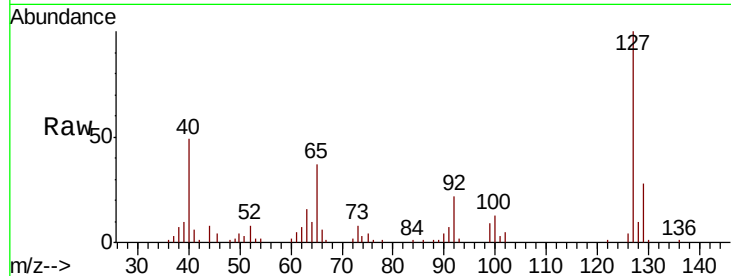
#33
4-Chloroaniline
Concen: 19.870 ng
RT: 11.02 min Scan# 1350
Delta R.T. -0.00 min
Lab File: BG041504.D
Acq: 28 Jun 2019 3:12

Instrument :
BNA_G
ClientSampleId :
M-10MSD

Tot Ion	Ratio	Lower	Upper
127	100		
129	28.1	24.6	37.0
65	37.0	31.5	47.3
92	21.6	18.9	28.3

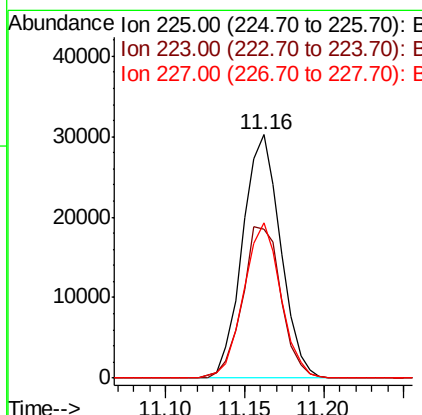
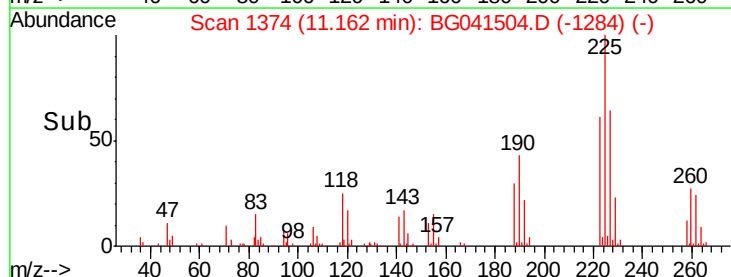
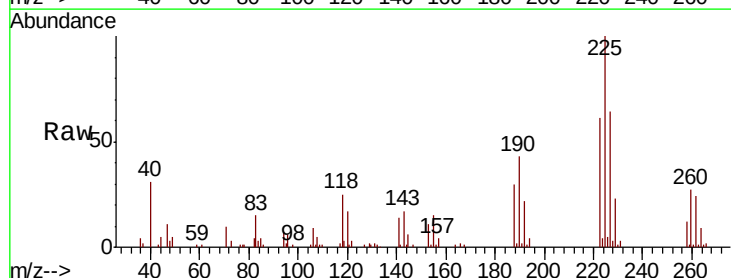
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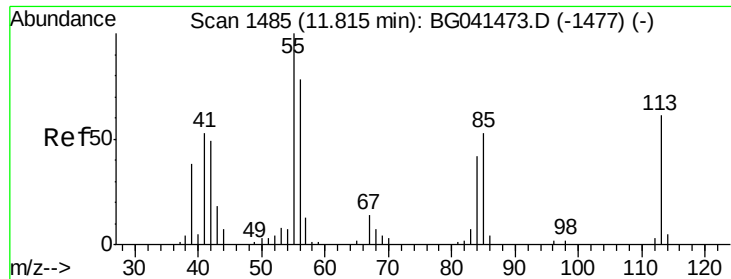
mohammad
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#34
Hexachlorobutadiene
Concen: 29.101 ng
RT: 11.16 min Scan# 1374
Delta R.T. -0.00 min
Lab File: BG041504.D
Acq: 28 Jun 2019 3:12

Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.9	48.6	72.8
227	63.8	49.3	73.9





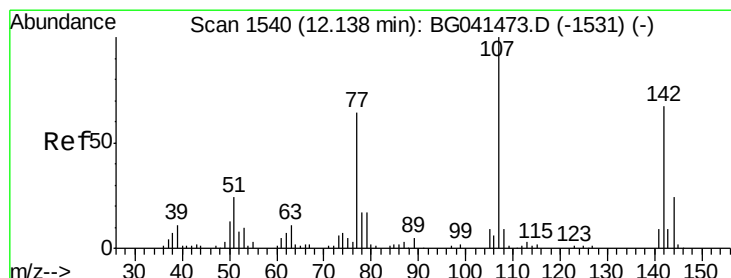
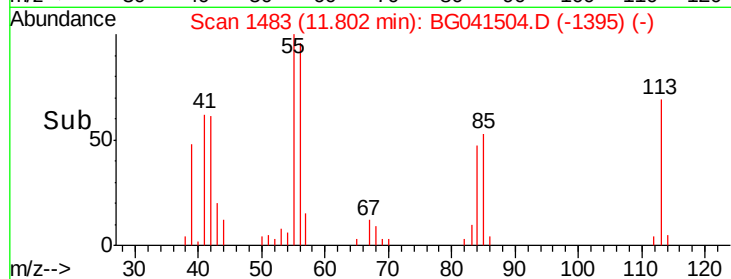
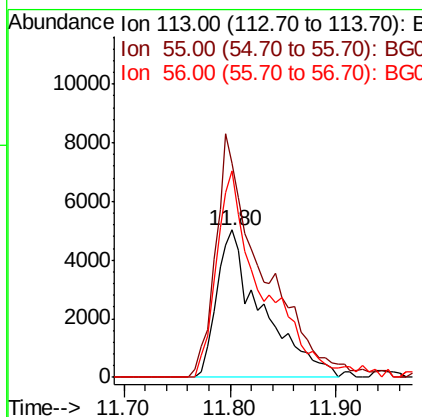
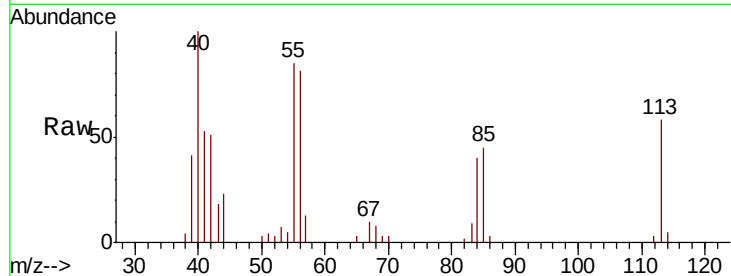
#35
Caprolactam
Concen: 28.301 ng
RT: 11.80 min Scan# 1483
Delta R.T. -0.01 min
Lab File: BG041504.D
Acq: 28 Jun 2019 3:12

Instrument :
BNA_G
ClientSampled :
M-10MSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	145.8	145.1	185.1
56	140.1	109.4	149.4

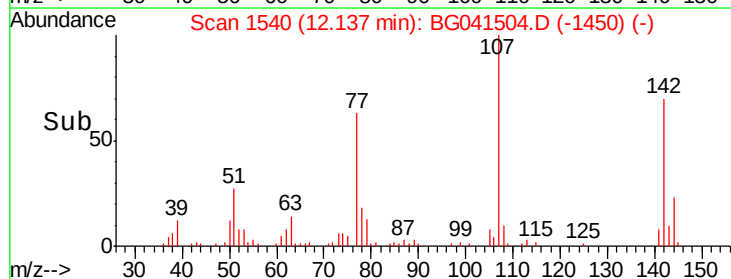
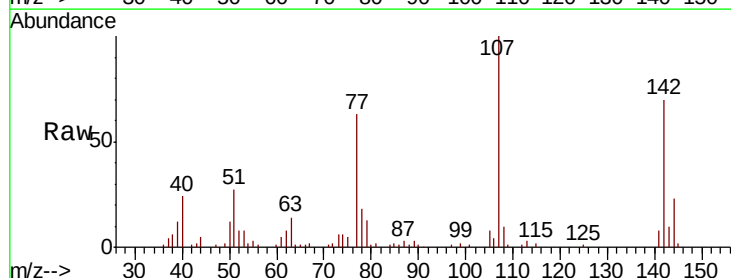
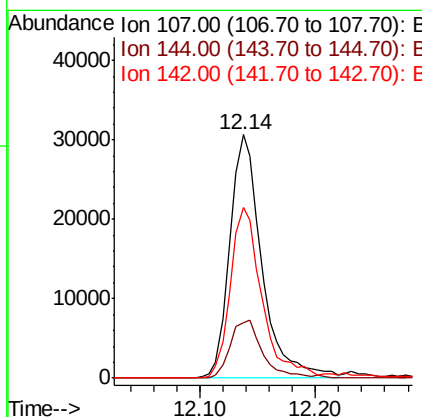
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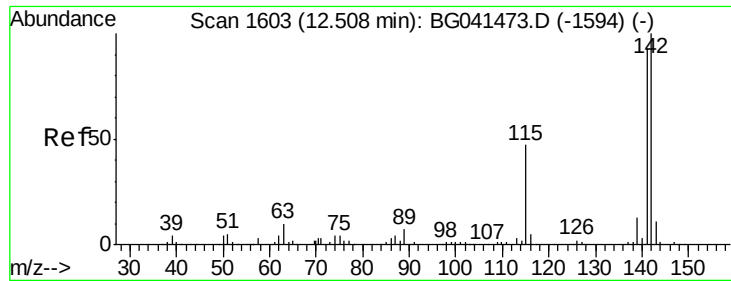
mohammad
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#36
4-Chloro-3-methylphenol
Concen: 32.080 ng
RT: 12.14 min Scan# 1540
Delta R.T. -0.00 min
Lab File: BG041504.D
Acq: 28 Jun 2019 3:12

Tgt Ion	Ratio	Lower	Upper
107	100		
144	23.0	19.4	29.0
142	69.9	53.8	80.6





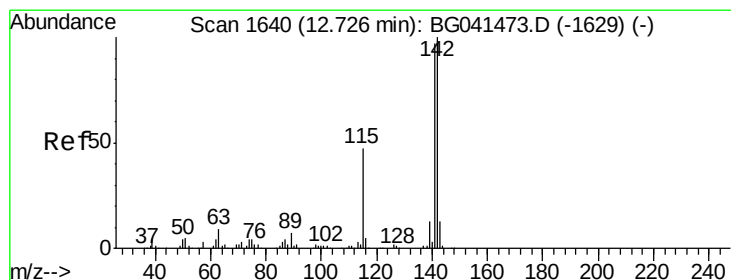
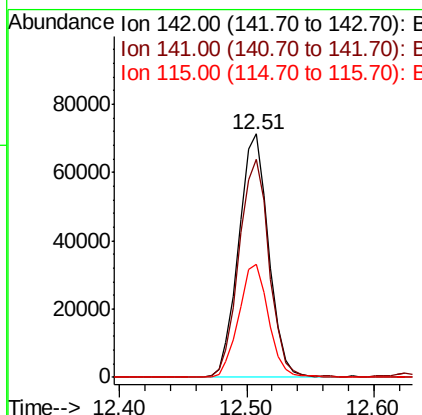
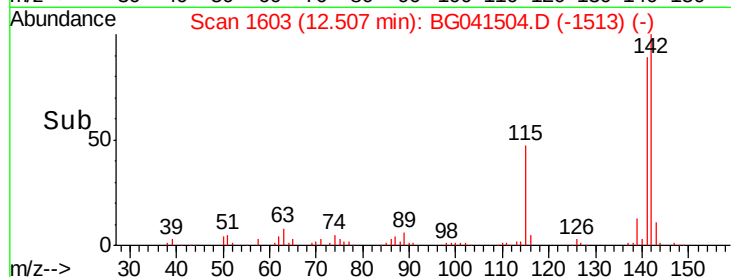
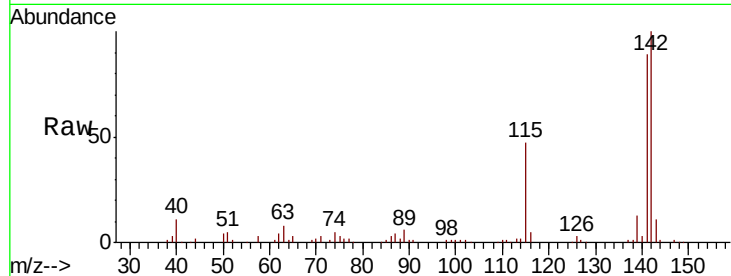
#37
 2-Methylnaphthalene
 Concen: 31.701 ng
 RT: 12.51 min Scan# 1603
 Delta R.T. -0.00 min
 Lab File: BG041504.D
 Acq: 28 Jun 2019 3:12

Instrument :
 BNA_G
 ClientSampleId :
 M-10MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.3	74.8	112.2
115	46.6	38.0	57.0

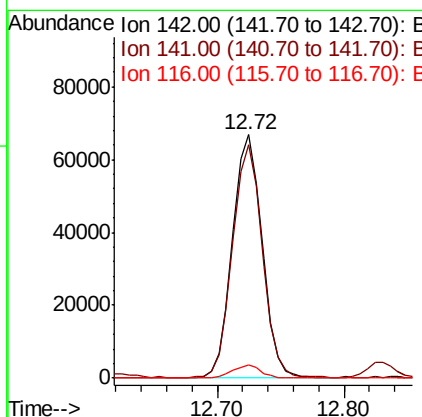
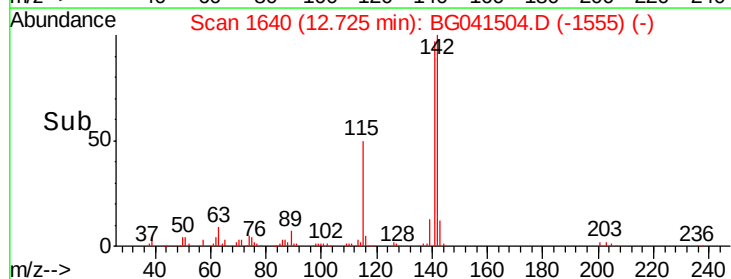
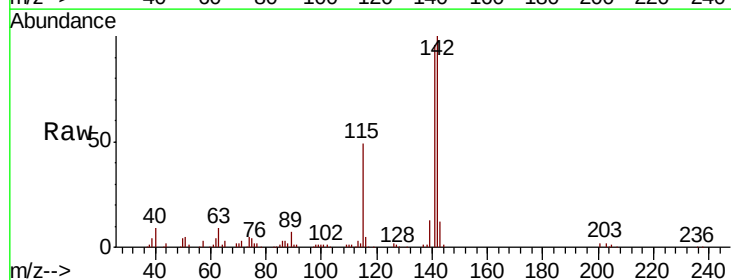
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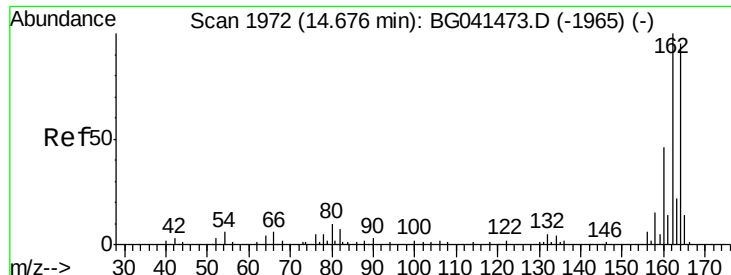
mohammad
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#38
 1-Methylnaphthalene
 Concen: 30.845 ng
 RT: 12.72 min Scan# 1640
 Delta R.T. -0.00 min
 Lab File: BG041504.D
 Acq: 28 Jun 2019 3:12

Tgt Ion	Ratio	Lower	Upper
142	100		
141	96.1	77.4	116.2
116	5.2	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: BG041504.D

Acq: 28 Jun 2019 3:12

Instrument :

BNA_G

ClientSampleId :

M-10MSD

Tot Ion:164 Resp: 67085

Ion Ratio Lower Upper

164 100

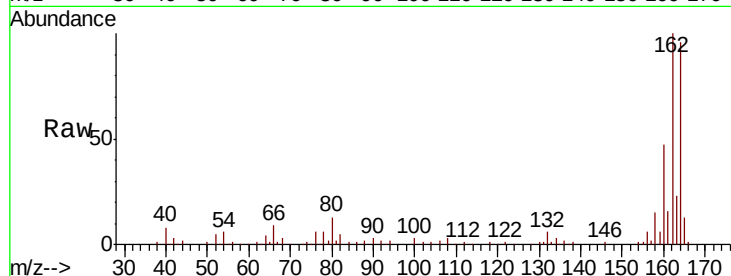
162 103.6 84.4 126.6

160 48.8 38.8 58.2

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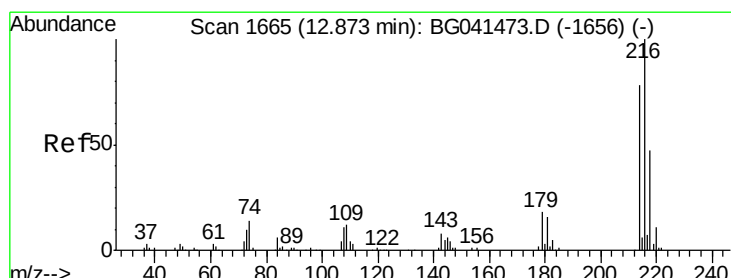
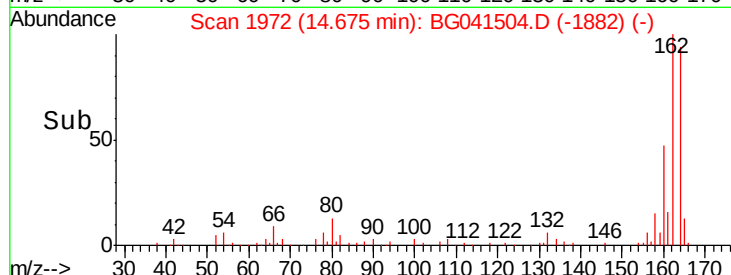
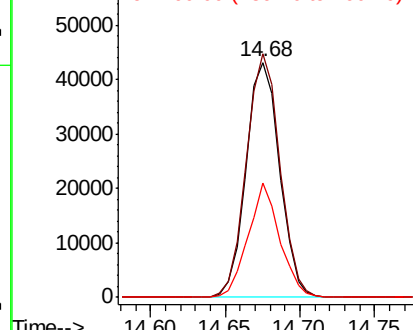


Abundance

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: 31.043 ng

RT: 12.87 min Scan# 1664

Delta R.T. -0.01 min

Lab File: BG041504.D

Acq: 28 Jun 2019 3:12

Tgt Ion:216 Resp: 91702

Ion Ratio Lower Upper

216 100

214 76.7 63.4 95.2

179 18.6 15.1 22.7

108 12.3 11.7 17.5

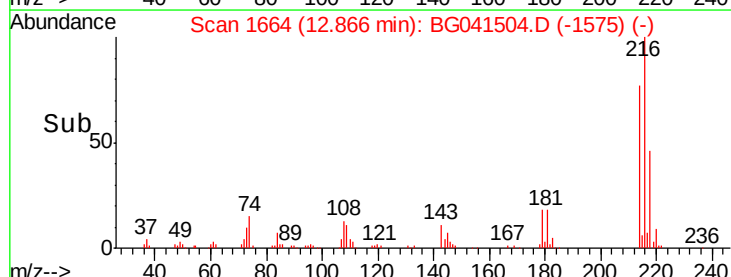
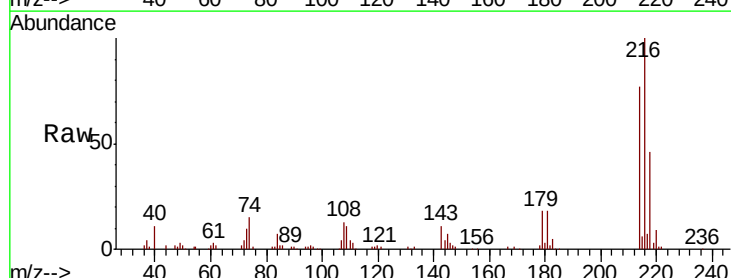
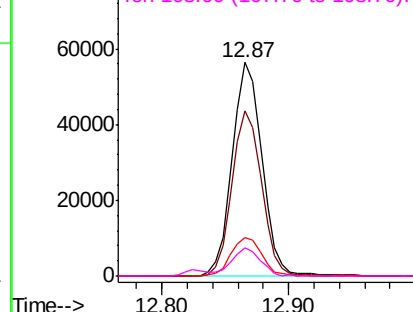
Abundance

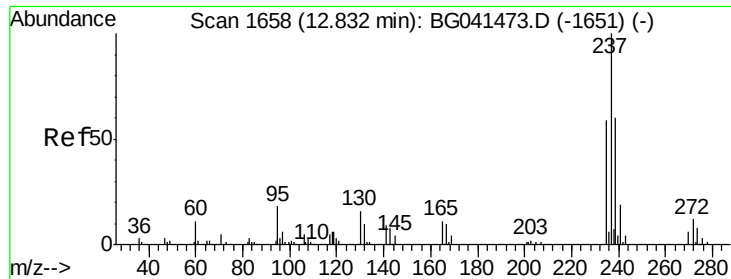
Ion 216.00 (215.70 to 216.70): E

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: 46.369 ng

RT: 12.83 min Scan# 1658

Delta R.T. -0.00 min

Lab File: BG041504.D

Acq: 28 Jun 2019 3:12

Instrument :

BNA_G

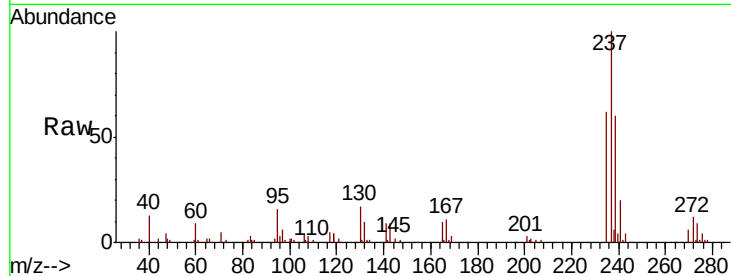
ClientSampleId :

M-10MSD

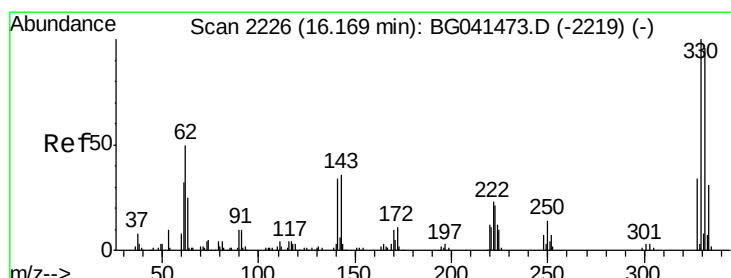
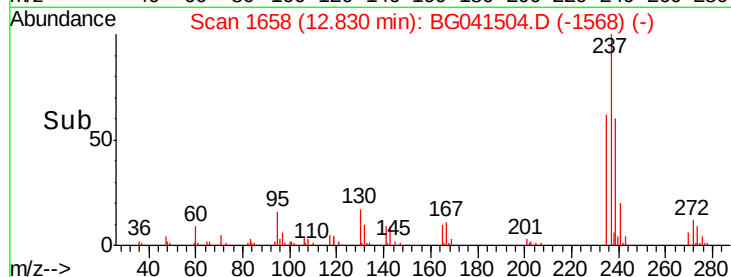
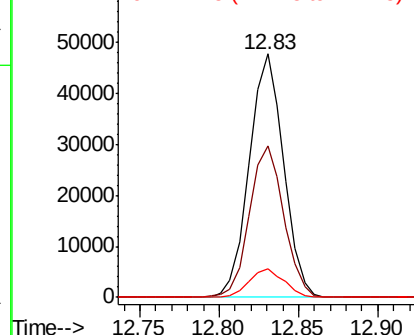
Tot Ion:	237	Resp:	71742
Ion Ratio	Lower	Upper	
237	100		
235	62.3	39.1	79.1
272	11.8	0.0	31.5

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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: 105.480 ng

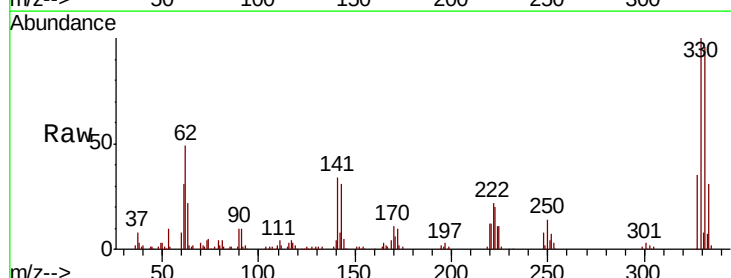
RT: 16.17 min Scan# 2226

Delta R.T. -0.00 min

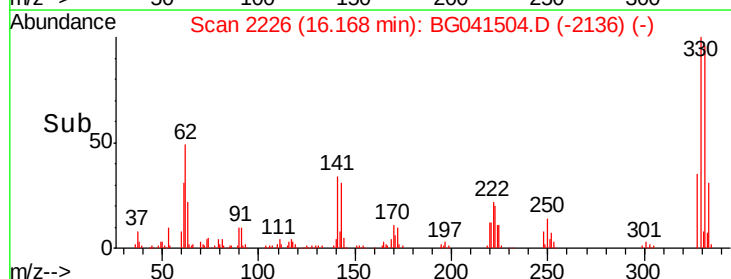
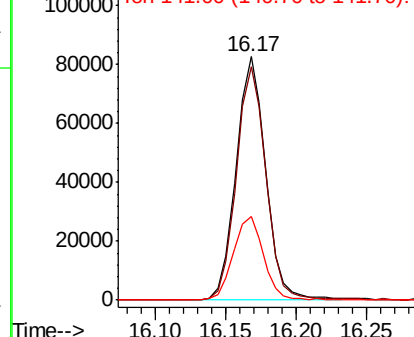
Lab File: BG041504.D

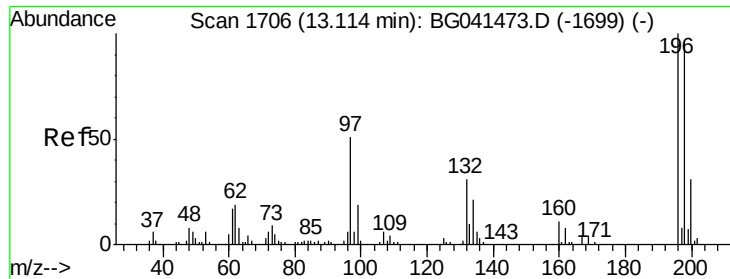
Acq: 28 Jun 2019 3:12

Tgt Ion:	330	Resp:	120820
Ion Ratio	Lower	Upper	
330	100		
332	96.1	75.5	113.3
141	34.9	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





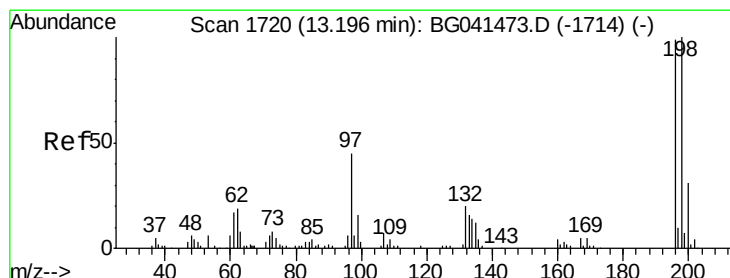
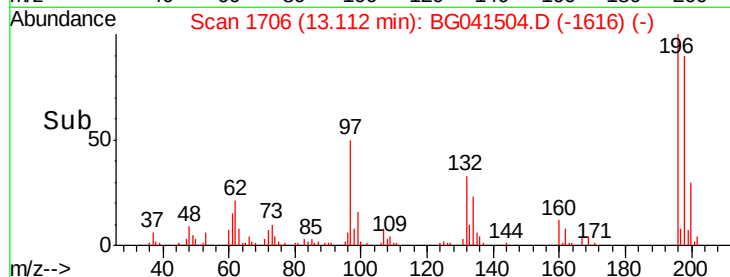
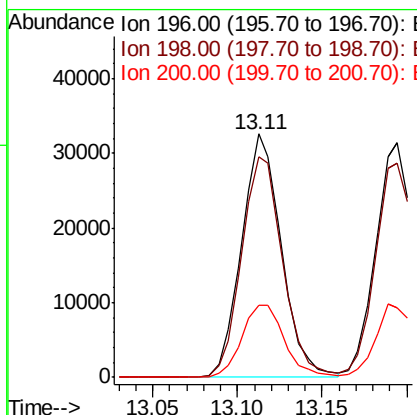
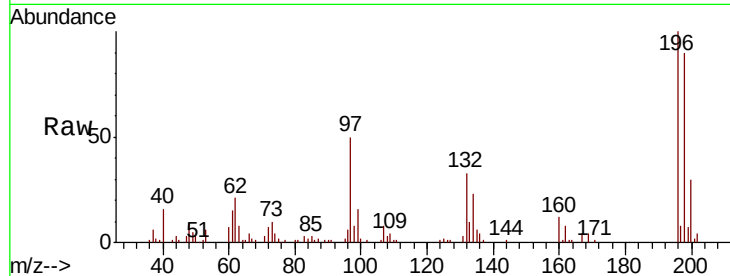
#43
 2,4,6-Trichlorophenol
 Concen: 30.436 ng
 RT: 13.11 min Scan# 1706
 Delta R.T. -0.00 min
 Lab File: BG041504.D
 Acq: 28 Jun 2019 3:12

Instrument :
 BNA_G
 ClientSampled :
 M-10MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	53343		
198	90.5	76.7	115.1	
200	29.7	24.4	36.6	

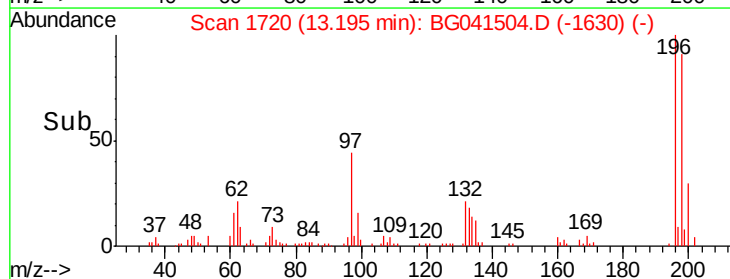
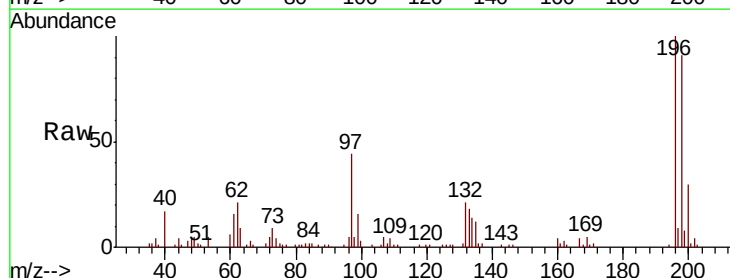
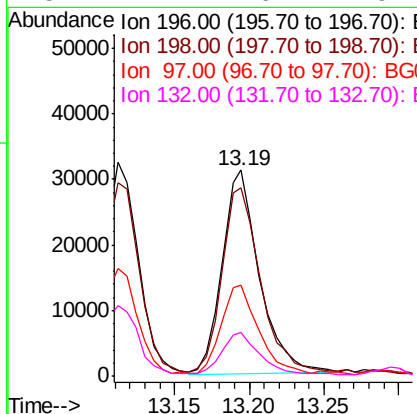
Manual Integrations
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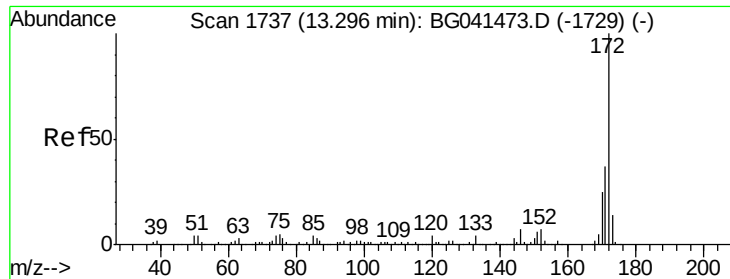
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 31.095 ng
 RT: 13.19 min Scan# 1720
 Delta R.T. -0.00 min
 Lab File: BG041504.D
 Acq: 28 Jun 2019 3:12

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	54294		
198	91.2	80.5	120.7	
97	44.4	36.5	54.7	
132	21.2	16.7	25.1	





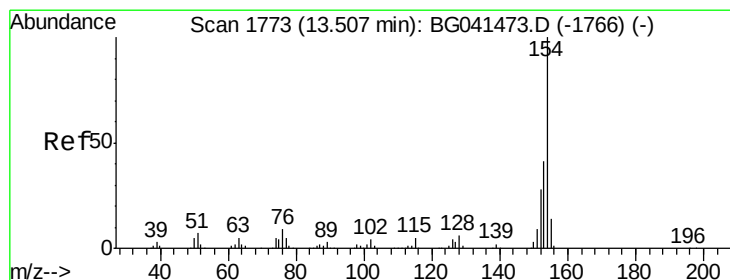
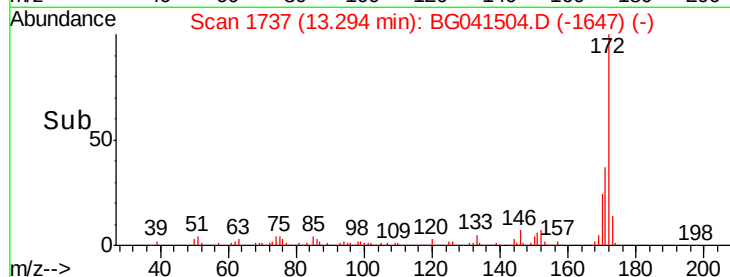
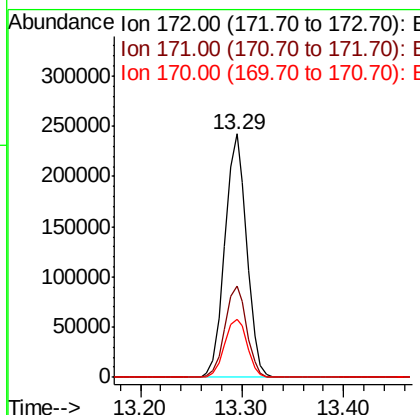
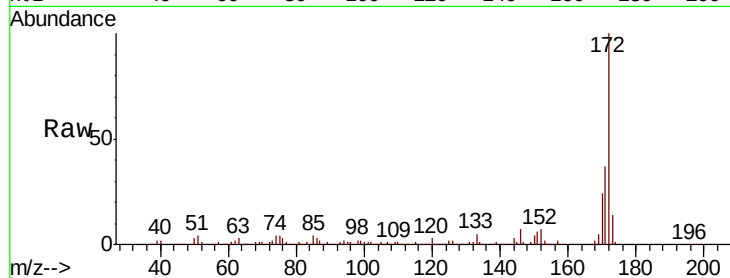
#45
2-Fluorobiphenyl
Concen: 69.163 ng
RT: 13.29 min Scan# 1737
Delta R.T. -0.00 min
Lab File: BG041504.D
Acq: 28 Jun 2019 3:12

Instrument :
BNA_G
ClientSampleId :
M-10MSD

Tot Ion	Ratio	Resp	Lower	Upper
172	100			
171	37.3	29.6	44.4	
170	23.7	20.0	30.0	

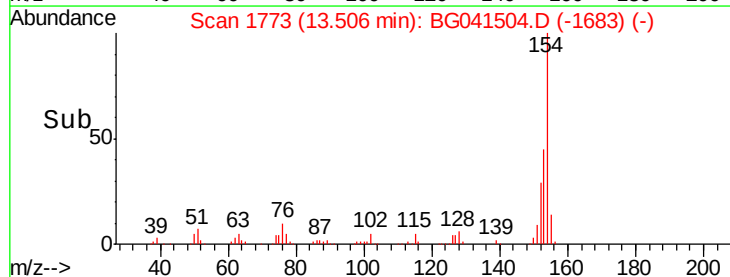
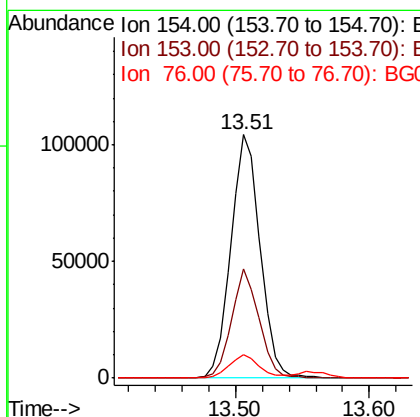
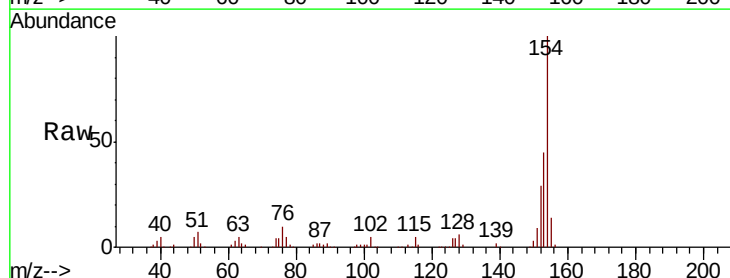
Manual Integrations
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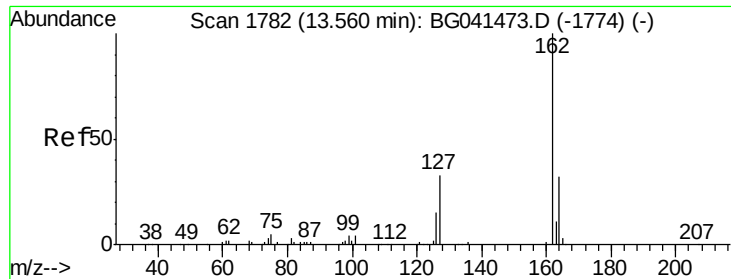
mohammad
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#46
1,1'-Biphenyl
Concen: 30.054 ng
RT: 13.51 min Scan# 1773
Delta R.T. -0.00 min
Lab File: BG041504.D
Acq: 28 Jun 2019 3:12

Tgt Ion	Ratio	Resp	Lower	Upper
154	100			
153	44.6	20.9	60.9	
76	9.6	0.0	29.4	





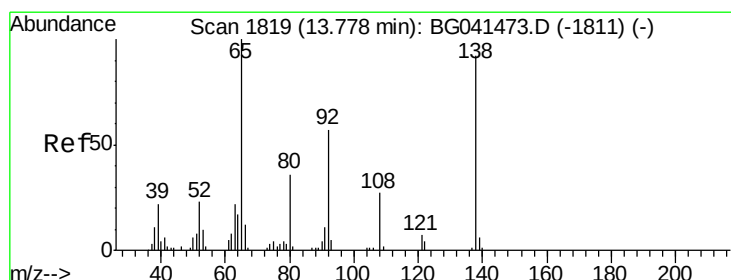
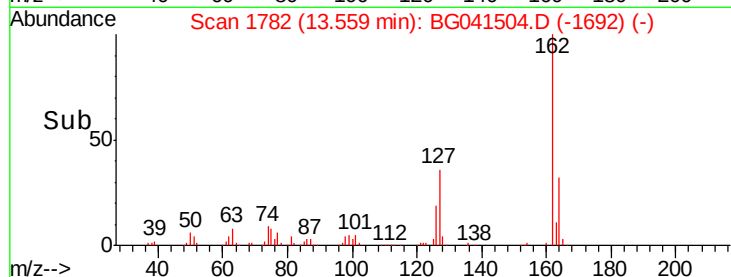
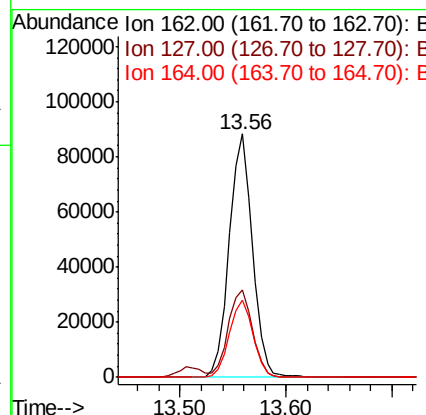
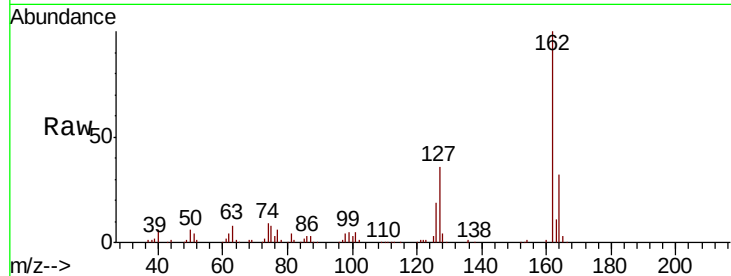
#47
2-Chloronaphthalene
Concen: 29.488 ng
RT: 13.56 min Scan# 1782
Delta R.T. -0.00 min
Lab File: BG041504.D
Acq: 28 Jun 2019 3:12

Instrument :
BNA_G
ClientSampleId :
M-10MSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	35.9	30.0	45.0
164	31.6	25.8	38.6

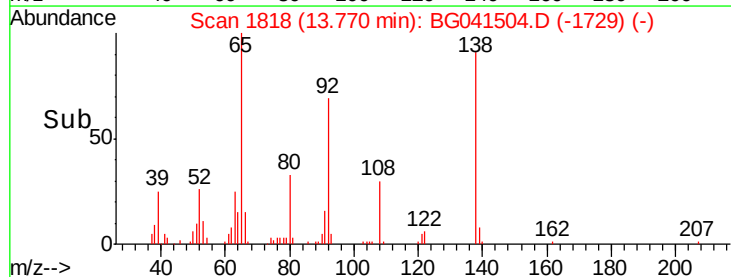
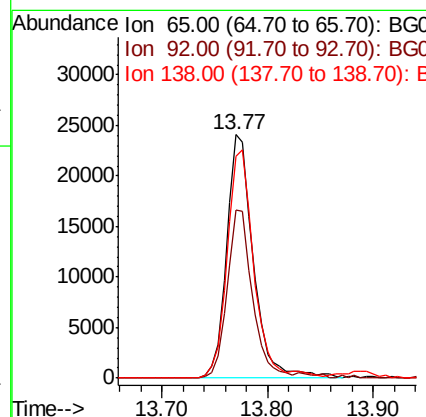
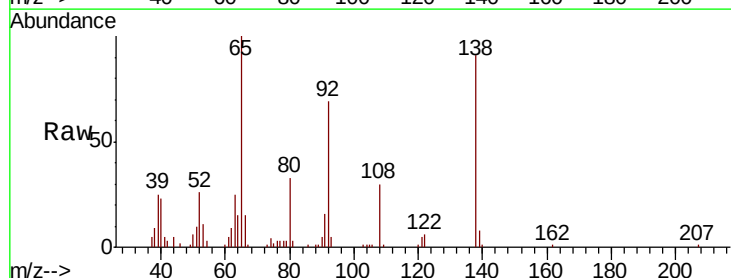
Manual Integrations
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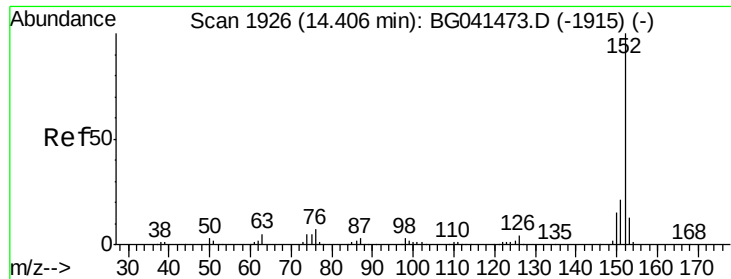
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#48
2-Nitroaniline
Concen: 27.388 ng
RT: 13.77 min Scan# 1818
Delta R.T. -0.01 min
Lab File: BG041504.D
Acq: 28 Jun 2019 3:12

Tgt Ion	Ratio	Lower	Upper
65	100		
92	68.8	45.9	68.9
138	91.3	73.4	110.2





#49

Acenaphthylene

Concen: 31.408 ng

RT: 14.40 min Scan# 1925

Delta R.T. -0.01 min

Lab File: BG041504.D

Acq: 28 Jun 2019 3:12

Instrument :

BNA_G

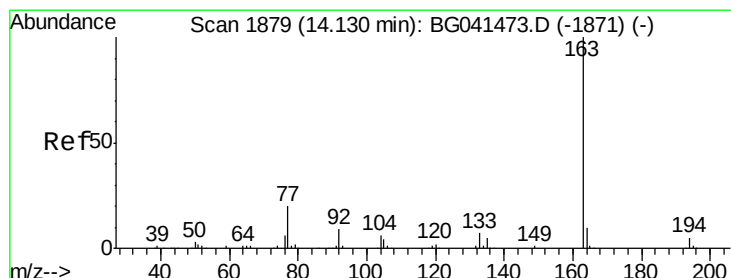
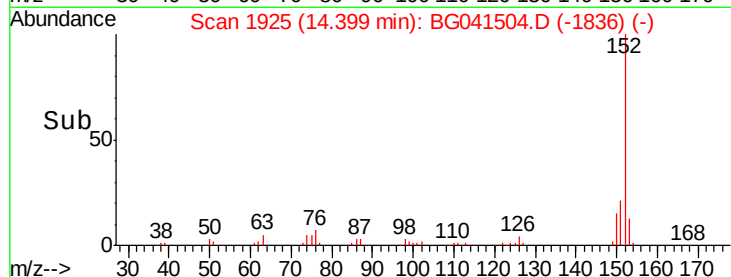
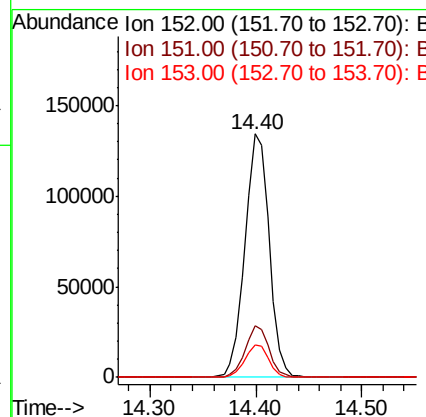
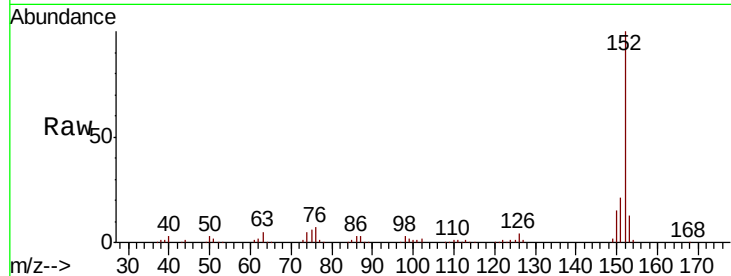
ClientSampleId :

M-10MSD

Tot Ion:	152	Resp:	213437
Ion Ratio	Lower	Upper	
152	100		
151	21.2	16.7	25.1
153	13.2	10.8	16.2

Manual Integrations
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#50

Dimethylphthalate

Concen: 42.070 ng

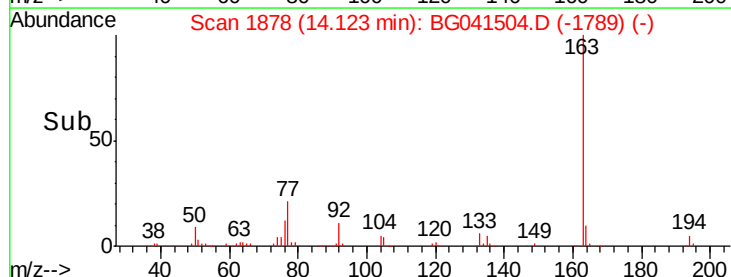
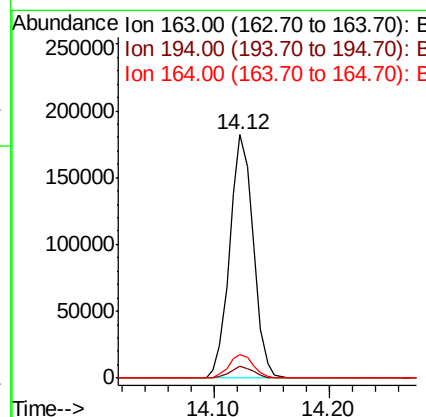
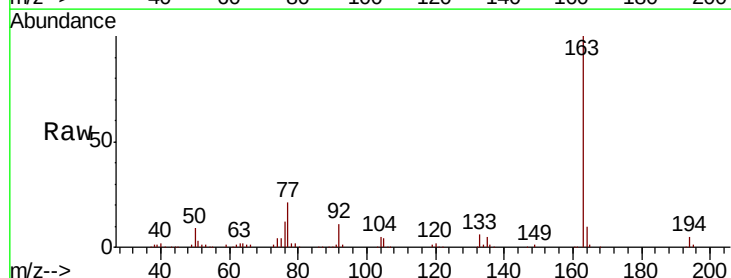
RT: 14.12 min Scan# 1878

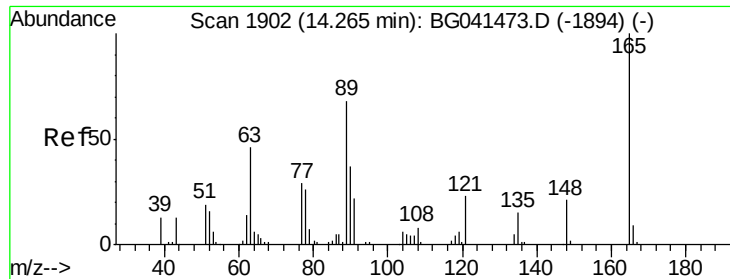
Delta R.T. -0.01 min

Lab File: BG041504.D

Acq: 28 Jun 2019 3:12

Tgt Ion:	163	Resp:	256833
Ion Ratio	Lower	Upper	
163	100		
194	5.1	3.7	5.5
164	9.7	7.8	11.6





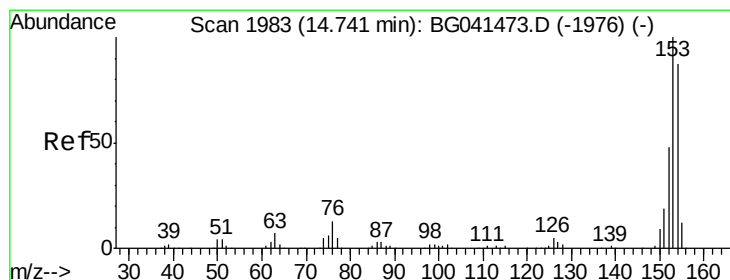
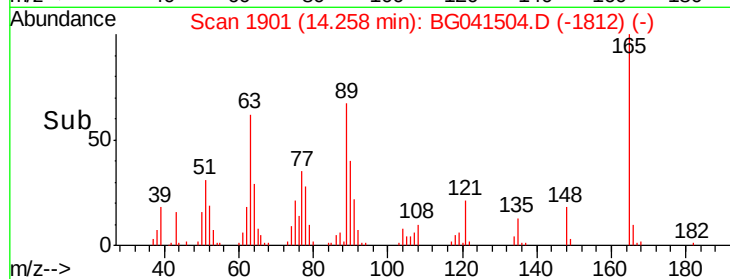
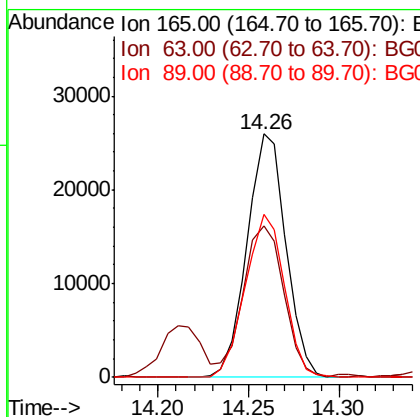
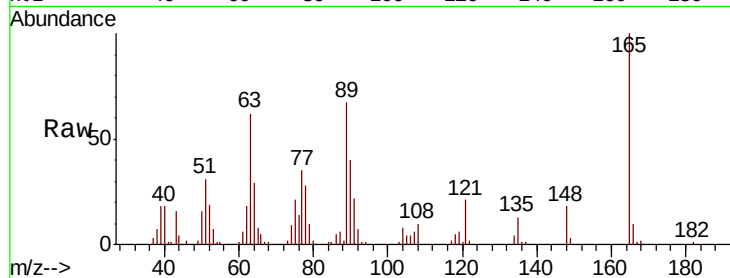
#51
 2,6-Dinitrotoluene
 Concen: 29.851 ng
 RT: 14.26 min Scan# 1901
 Delta R.T. -0.01 min
 Lab File: BG041504.D
 Acq: 28 Jun 2019 3:12

Instrument :
 BNA_G
 ClientSampleId :
 M-10MSD

Tot Ion	Ratio	Lower	Upper
165	100		
63	62.4	56.4	84.6
89	67.2	54.6	81.8

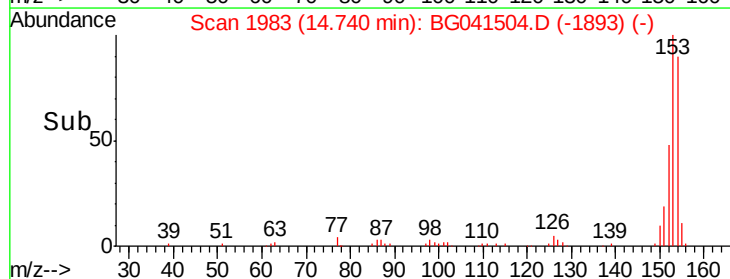
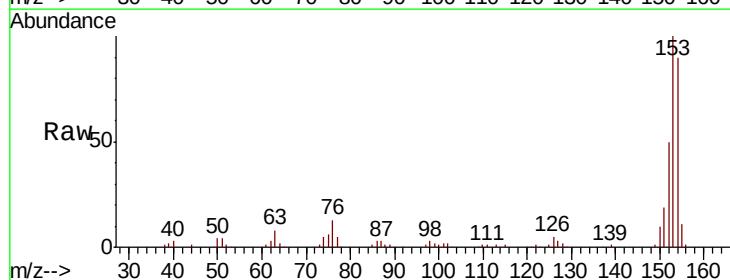
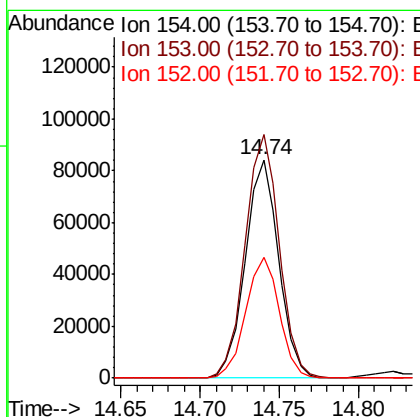
Manual Integrations
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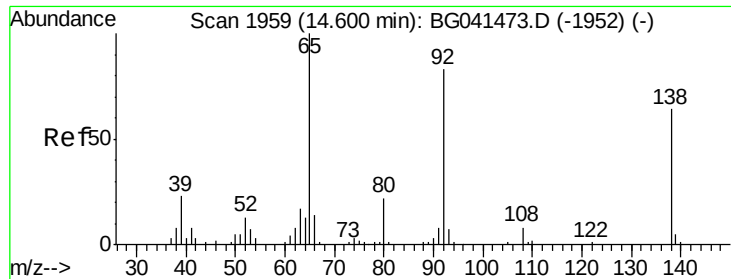
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#52
 Acenaphthene
 Concen: 30.704 ng
 RT: 14.74 min Scan# 1983
 Delta R.T. -0.00 min
 Lab File: BG041504.D
 Acq: 28 Jun 2019 3:12

Tgt Ion	Ratio	Lower	Upper
154	100		
153	111.3	92.2	138.4
152	55.3	44.1	66.1





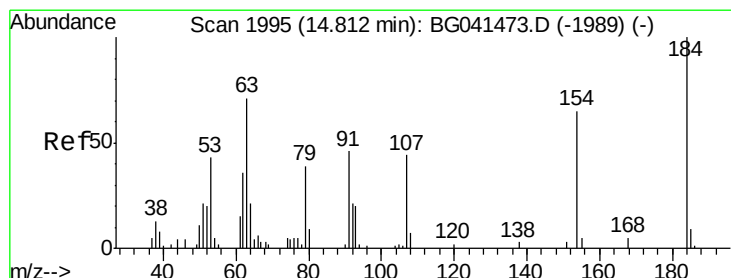
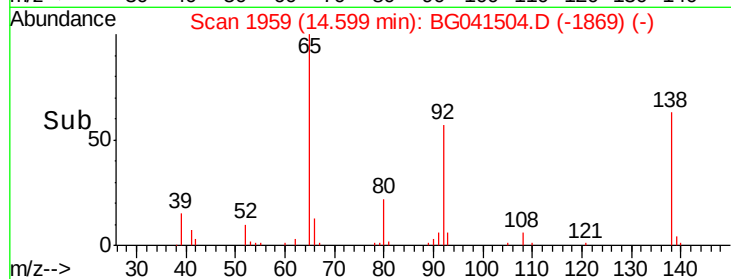
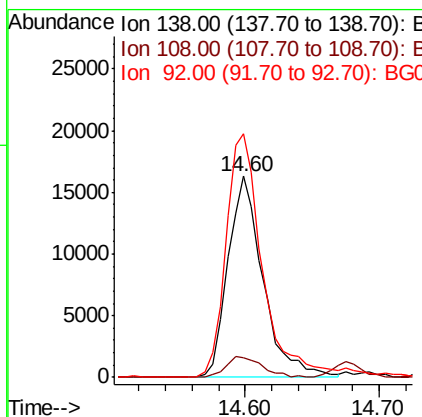
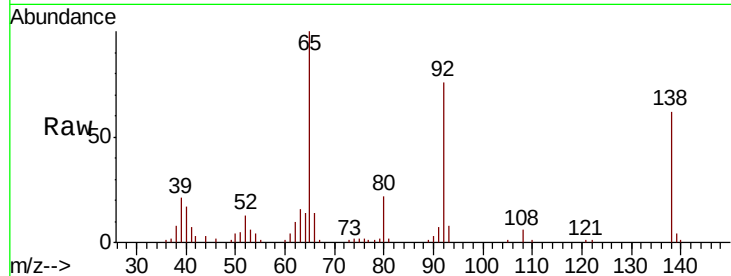
#53
3-Nitroaniline
Concen: 24.237 ng
RT: 14.60 min Scan# 1959
Delta R.T. -0.00 min
Lab File: BG041504.D
Acq: 28 Jun 2019 3:12

Instrument :
BNA_G
ClientSampled :
M-10MSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.6	9.5	14.3
92	121.2	103.3	154.9

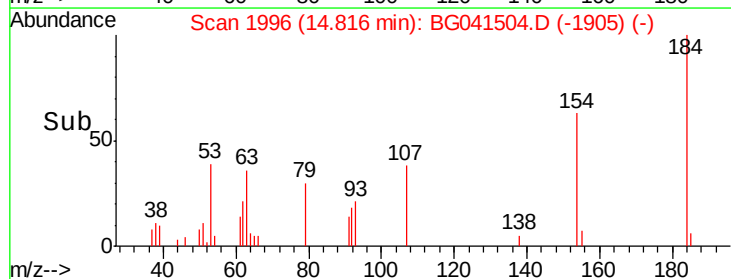
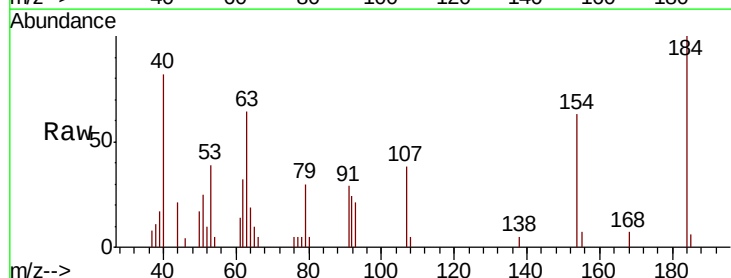
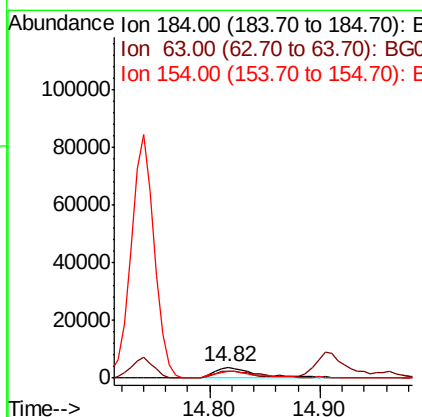
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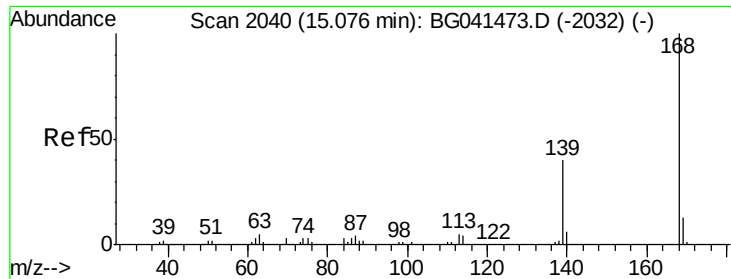
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#54
2,4-Dinitrophenol
Concen: 18.377 ng
RT: 14.82 min Scan# 1996
Delta R.T. 0.01 min
Lab File: BG041504.D
Acq: 28 Jun 2019 3:12

Tgt Ion	Ratio	Lower	Upper
184	100		
63	64.4	56.5	84.7
154	63.1	54.2	81.4





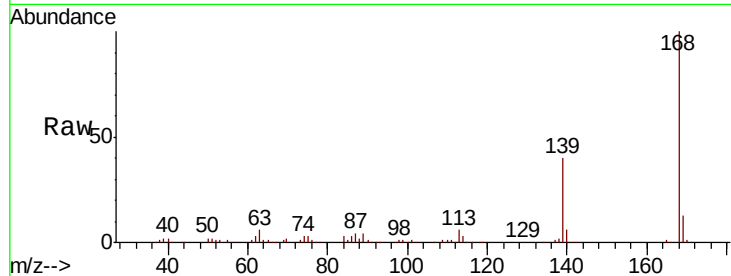
#55
Dibenzenofuran
Concen: 31.017 ng
RT: 15.07 min Scan# 2040
Delta R.T. -0.00 min
Lab File: BG041504.D
Acq: 28 Jun 2019 3:12

Instrument :
BNA_G
ClientSampleId :
M-10MSD

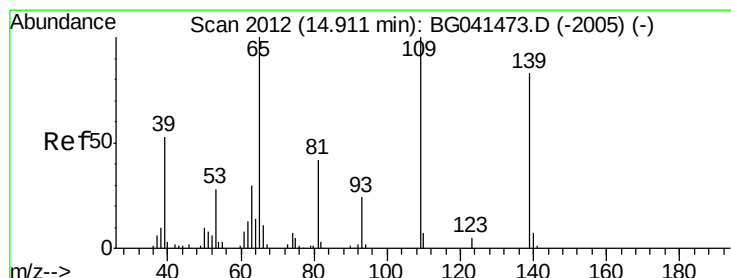
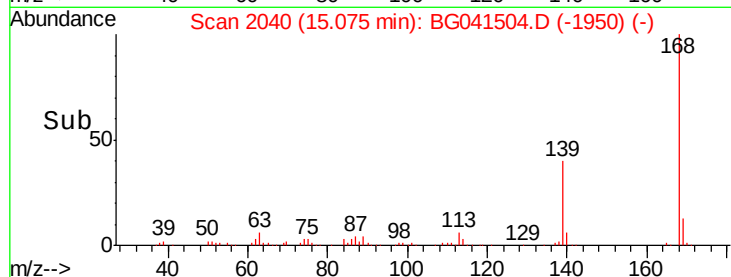
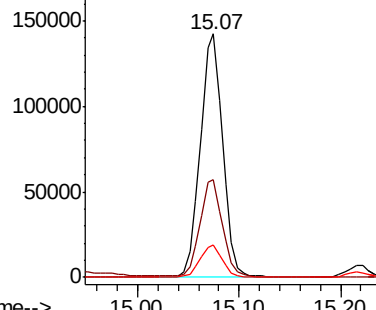
Tot Ion	Ratio	Resp	Lower	Upper
168	100	217597		
139	40.1		32.2	48.4
169	13.5		10.6	16.0

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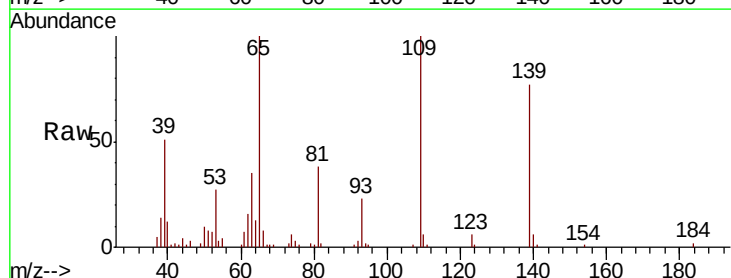


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

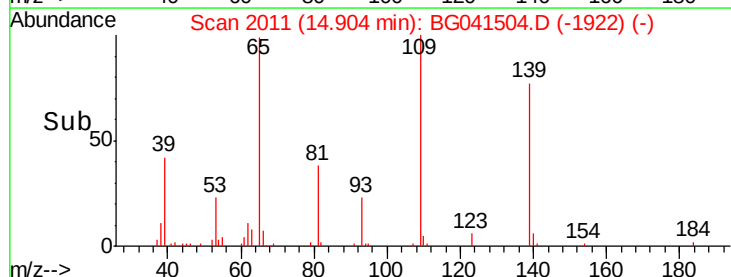
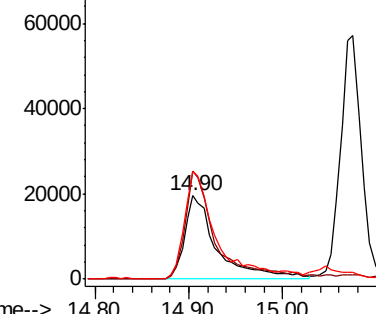


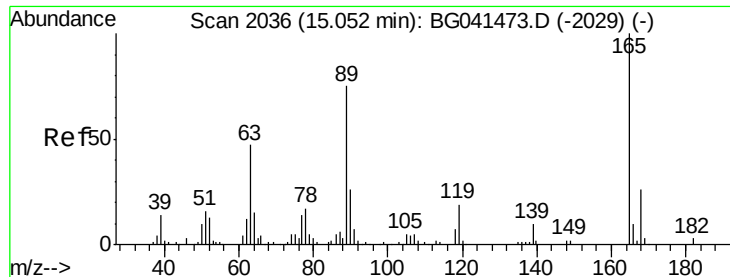
#56
4-Nitrophenol
Concen: 59.098 ng
RT: 14.90 min Scan# 2011
Delta R.T. -0.01 min
Lab File: BG041504.D
Acq: 28 Jun 2019 3:12

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	47171		
109	129.4		99.9	139.9
65	129.3		100.6	140.6



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BGC





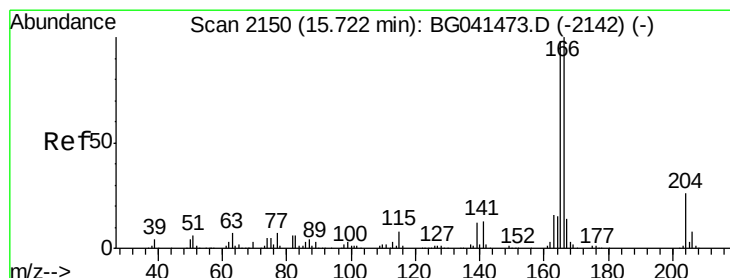
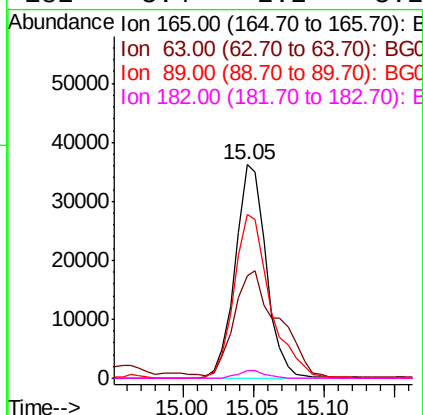
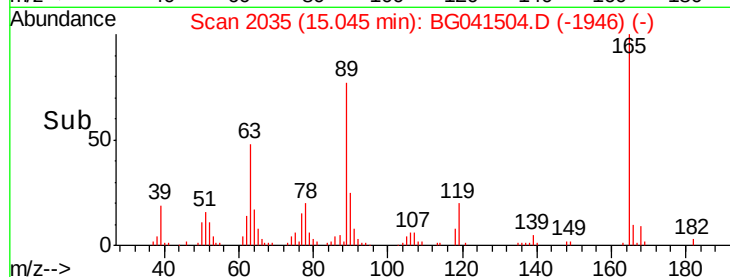
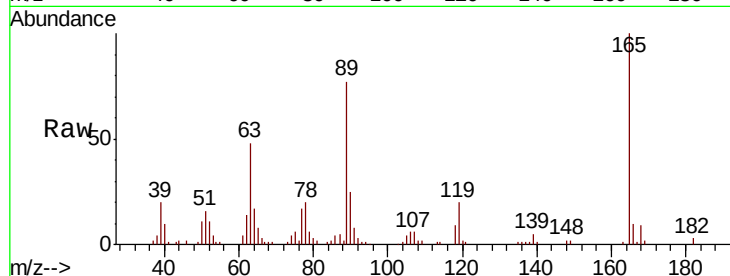
#57
2,4-Dinitrotoluene
Concen: 29.491 ng
RT: 15.05 min Scan# 2035
Delta R.T. -0.01 min
Lab File: BG041504.D
Acq: 28 Jun 2019 3:12

Instrument :
BNA_G
ClientSampleId :
M-10MSD

Tot Ion	Ratio	Lower	Upper
165	100		
63	47.7	38.8	58.2
89	77.0	60.1	90.1
182	3.4	2.2	3.2#

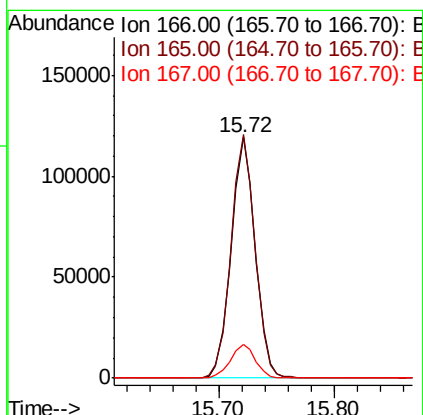
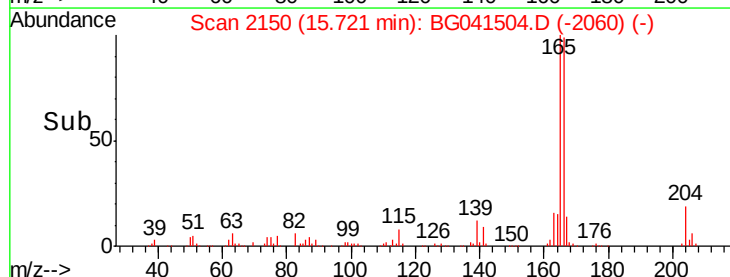
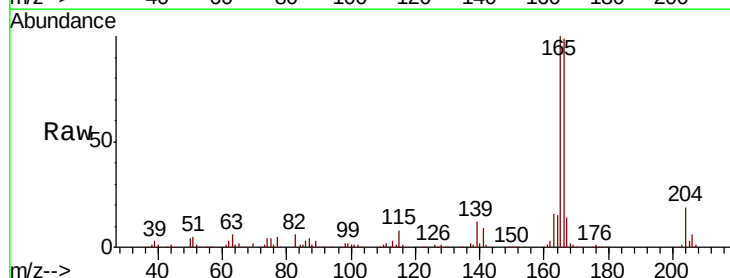
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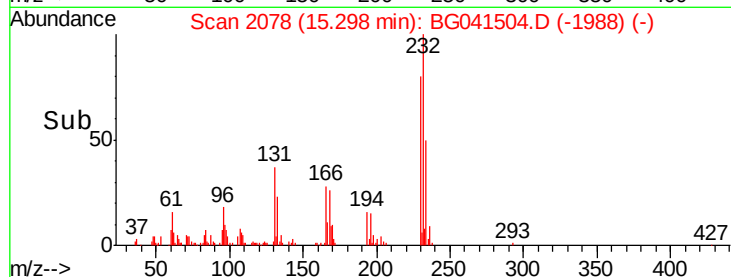
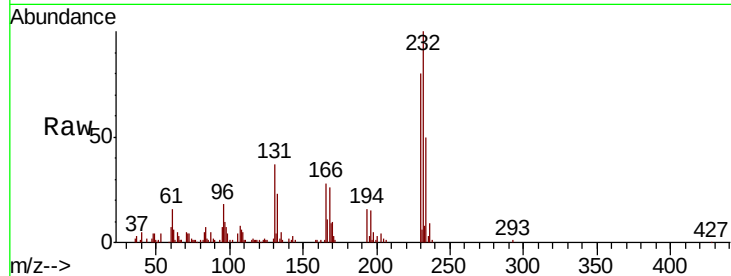
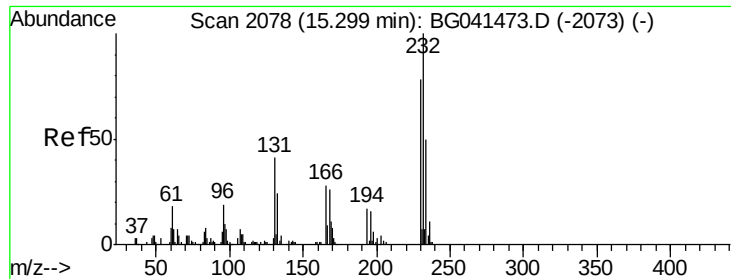
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#58
Fluorene
Concen: 30.741 ng
RT: 15.72 min Scan# 2150
Delta R.T. -0.00 min
Lab File: BG041504.D
Acq: 28 Jun 2019 3:12

Tgt Ion	Ratio	Lower	Upper
166	100		
165	101.1	78.6	117.8
167	14.0	11.4	17.0





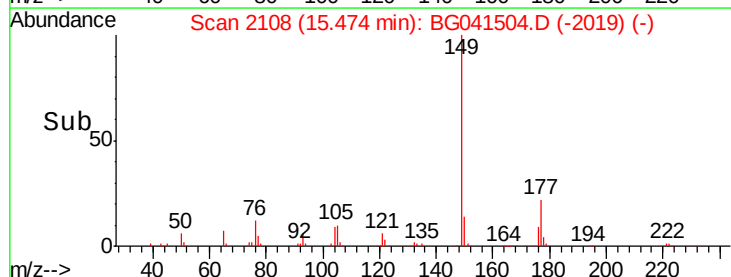
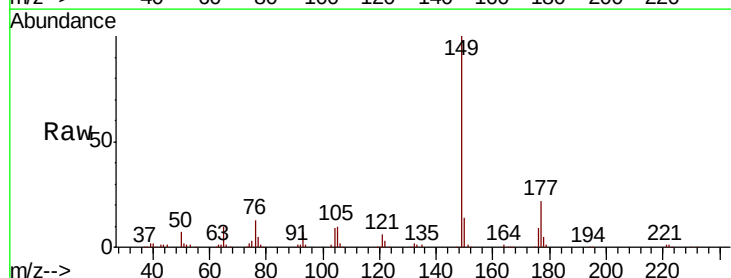
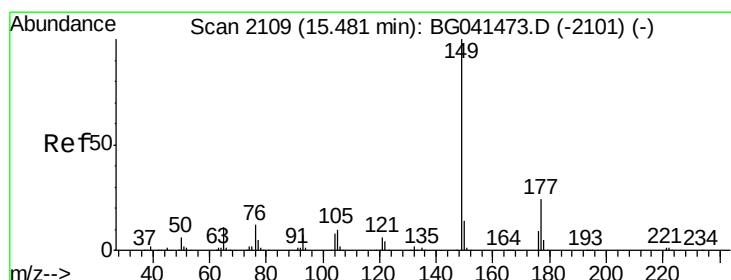
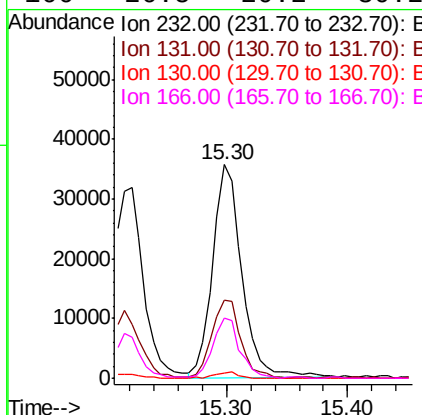
#59
2,3,4,6-Tetrachlorophenol
Concen: 32.127 ng
RT: 15.30 min Scan# 2078
Delta R.T. -0.00 min
Lab File: BG041504.D
Acq: 28 Jun 2019 3:12

Instrument :
BNA_G
ClientSampleId :
M-10MSD

Tot Ion	Ratio	Resp	Lower	Upper
232	100	59136		
131	36.5	29.8	44.6	
130	2.4	2.0	3.0	
166	26.5	20.2	30.2	

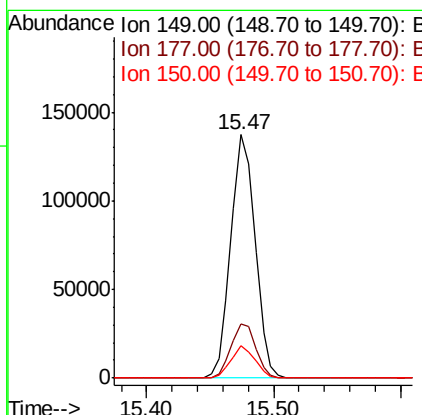
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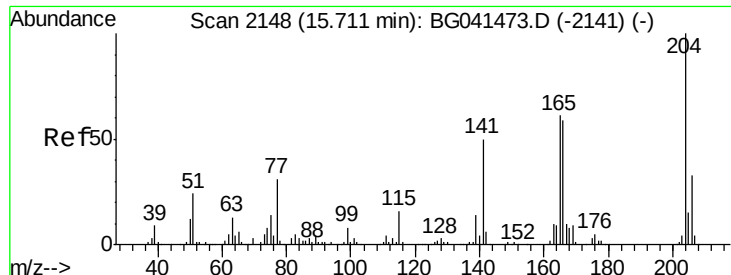
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#60
Diethylphthalate
Concen: 29.169 ng
RT: 15.47 min Scan# 2108
Delta R.T. -0.01 min
Lab File: BG041504.D
Acq: 28 Jun 2019 3:12

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	182275		
177	22.3	19.2	28.8	
150	13.5	11.2	16.8	





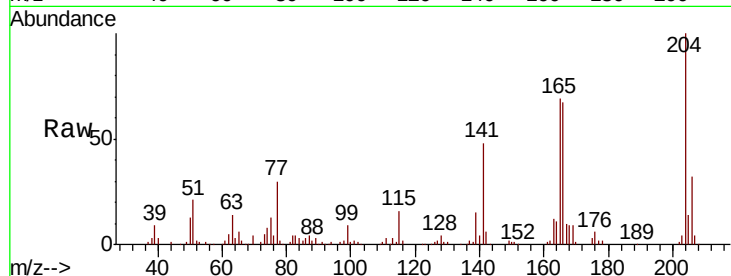
#61
4-Chlorophenyl-phenylether
Concen: 30.335 ng
RT: 15.71 min Scan# 2148
Delta R.T. -0.00 min
Lab File: BG041504.D
Acq: 28 Jun 2019 3:12

Instrument :
BNA_G
ClientSampled :
M-10MSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.1	26.6	40.0
141	48.2	40.1	60.1

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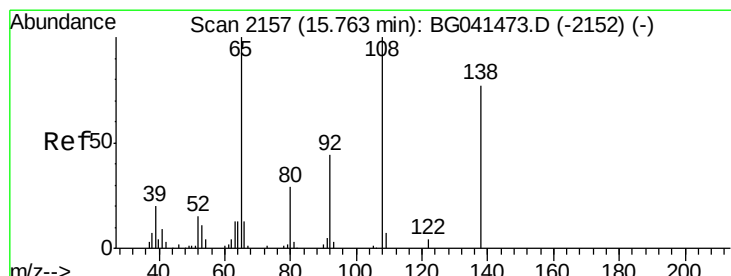
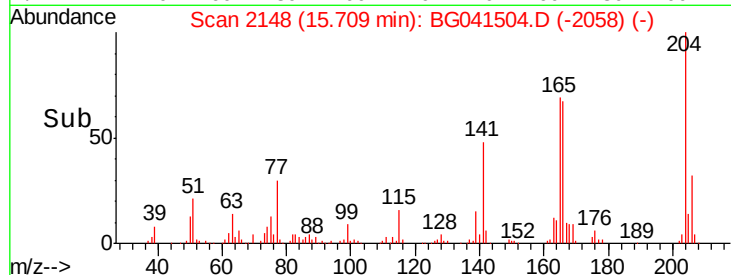
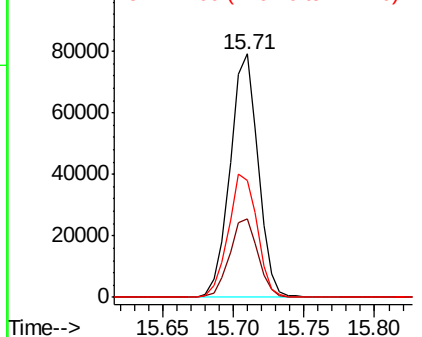


Abundance

Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 31.709 ng
RT: 15.76 min Scan# 2157
Delta R.T. -0.00 min
Lab File: BG041504.D
Acq: 28 Jun 2019 3:12

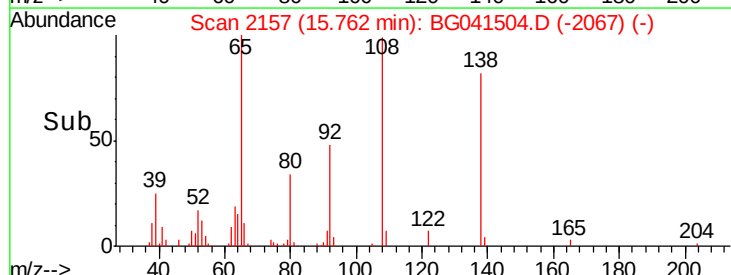
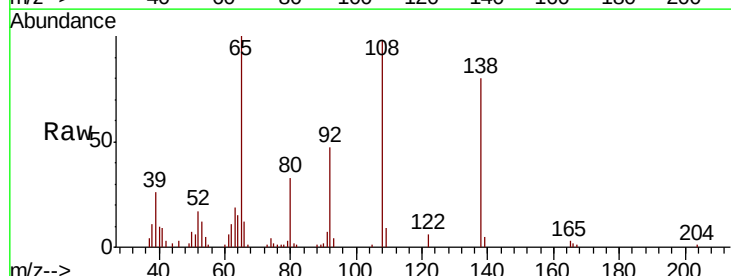
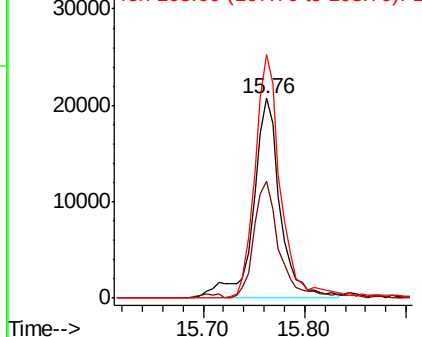
Tgt Ion	Ratio	Lower	Upper
138	100		
92	58.6	34.9	74.9
108	122.0	105.5	145.5

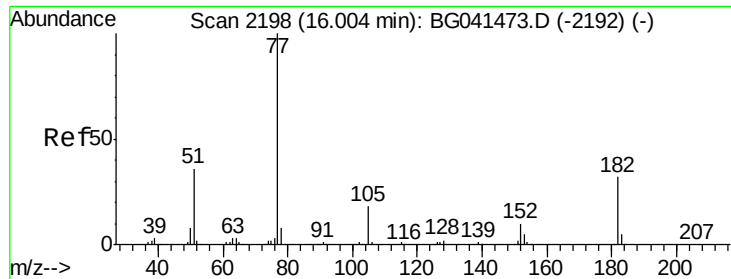
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E





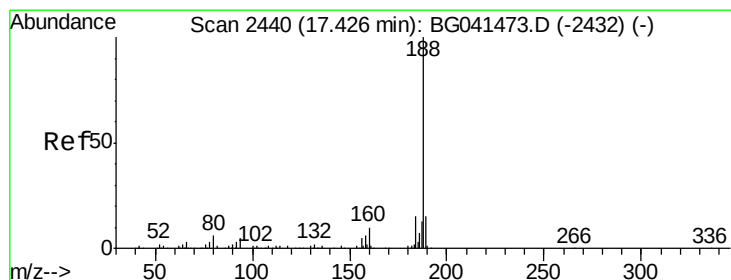
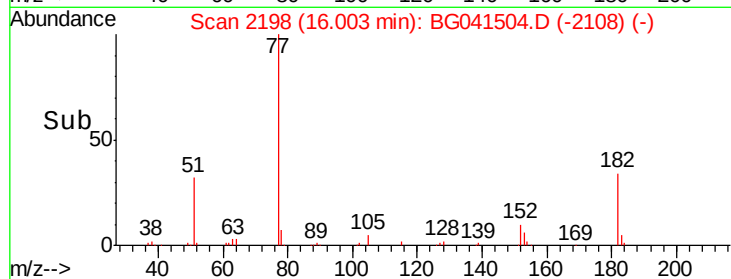
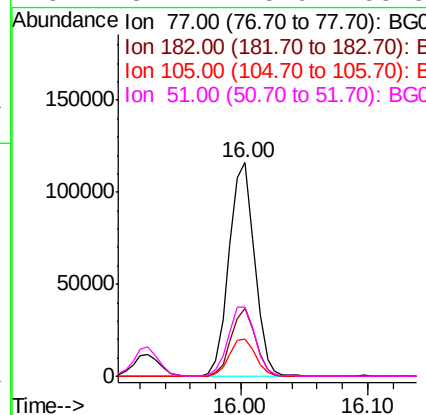
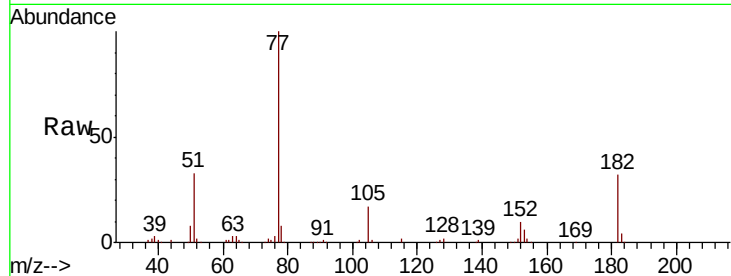
#63
Azobenzene
Concen: 30.554 ng
RT: 16.00 min Scan# 2198
Delta R.T. -0.00 min
Lab File: BG041504.D
Acq: 28 Jun 2019 3:12

Instrument :
BNA_G
ClientSampleId :
M-10MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		160980		
182	32.0	12.2	52.2		
105	17.3	0.0	38.1		
51	32.7	15.9	55.9		

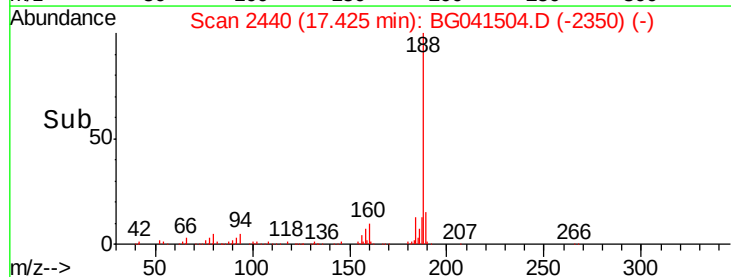
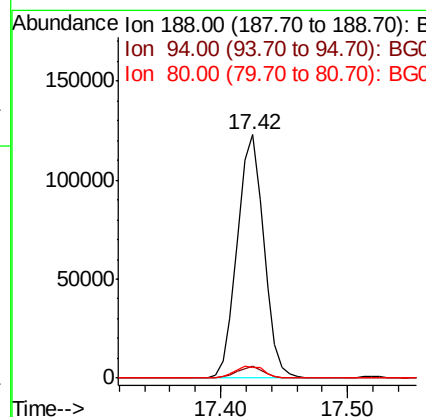
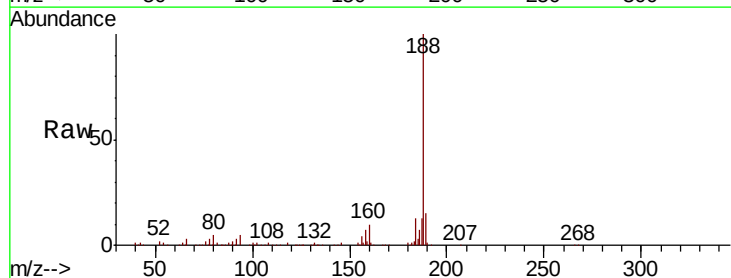
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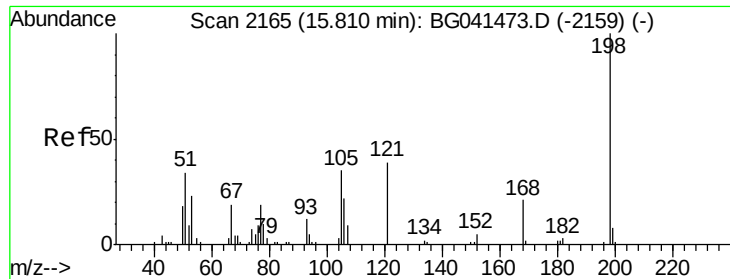
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2440
Delta R.T. -0.00 min
Lab File: BG041504.D
Acq: 28 Jun 2019 3:12

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		178298		
94	4.6	3.8	5.8		
80	4.5	4.8	7.2		





#65

4,6-Dinitro-2-methylphenol

Concen: 17.692 ng

RT: 15.81 min Scan# 2165

Delta R.T. -0.00 min

Lab File: BG041504.D

Acq: 28 Jun 2019 3:12

Instrument :

BNA_G

ClientSampleId :

M-10MSD

Tot Ion:198 Resp: 19537

Ion Ratio Lower Upper

198 100

51 44.4 19.0 59.0

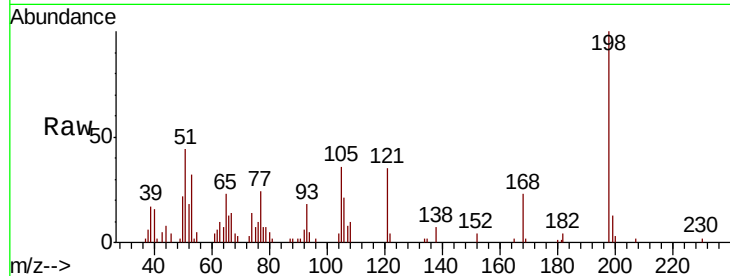
105 35.9 16.1 56.1

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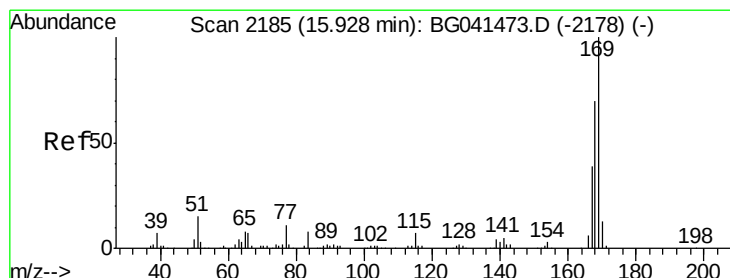
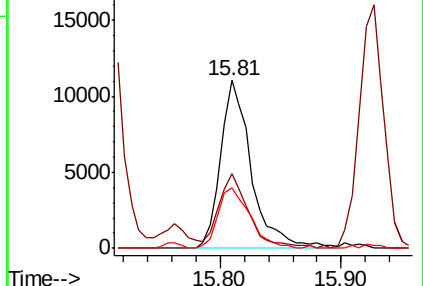
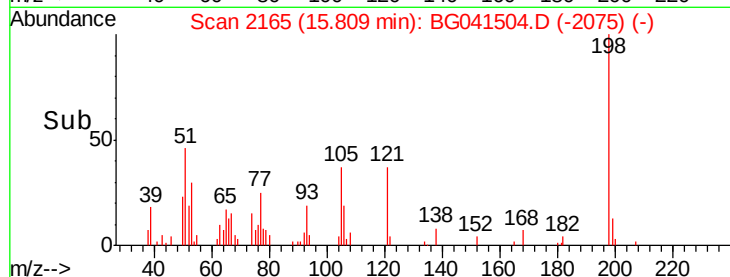
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG041504.D (-2075) (-)

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 31.155 ng

RT: 15.93 min Scan# 2185

Delta R.T. -0.00 min

Lab File: BG041504.D

Acq: 28 Jun 2019 3:12

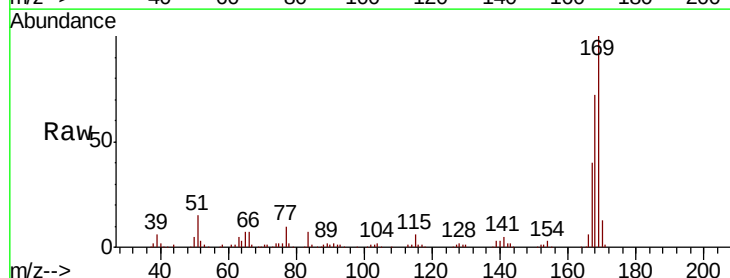
Tgt Ion:169 Resp: 152880

Ion Ratio Lower Upper

169 100

168 71.9 56.2 84.4

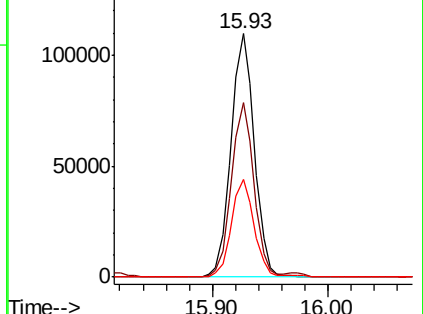
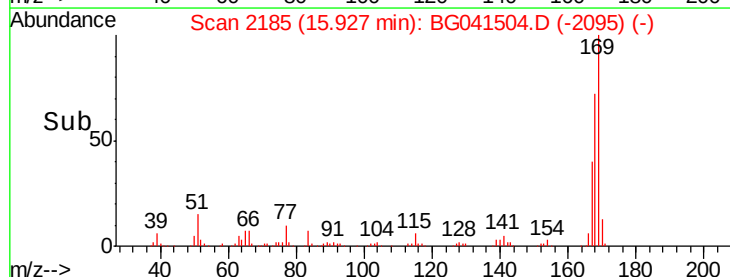
167 39.9 31.0 46.6

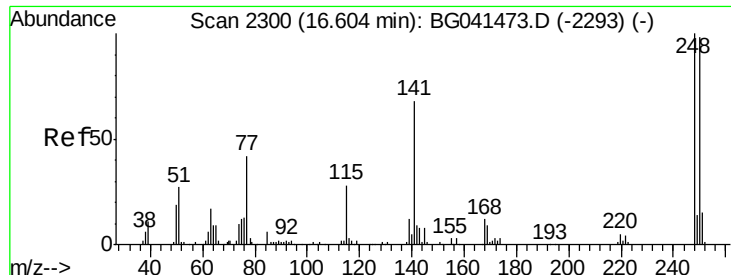


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





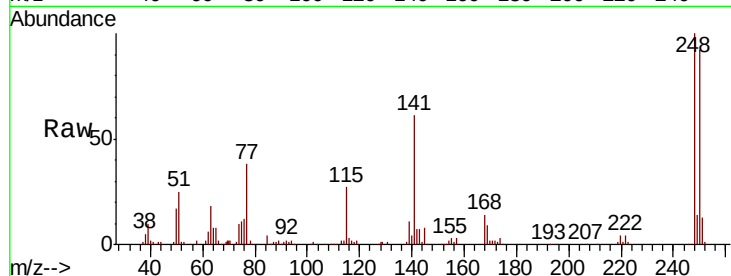
#67
 4-Bromophenyl-phenylether
 Concen: 30.458 ng
 RT: 16.60 min Scan# 2300
 Delta R.T. -0.00 min
 Lab File: BG041504.D
 Acq: 28 Jun 2019 3:12

Instrument :
 BNA_G
 ClientSampleId :
 M-10MSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	92.2	78.1	117.1
141	61.4	54.1	81.1

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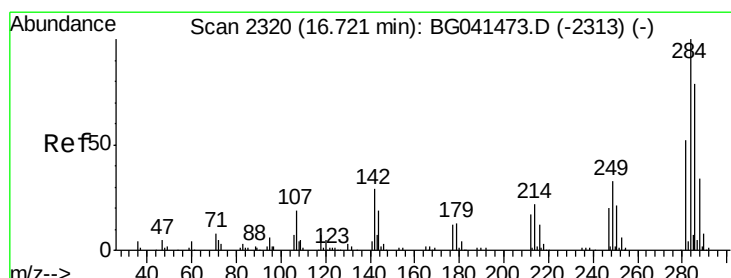
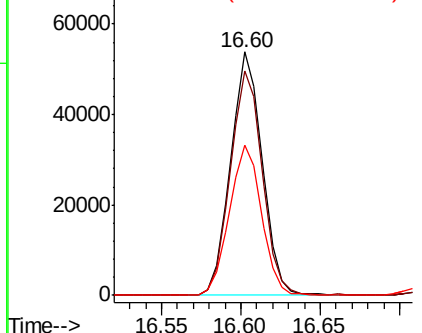
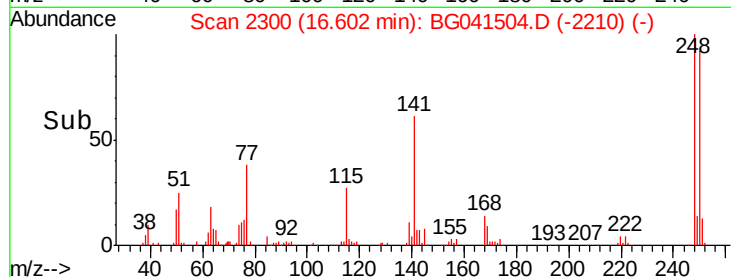


Abundance

Ion 248.00 (247.70 to 248.70): E

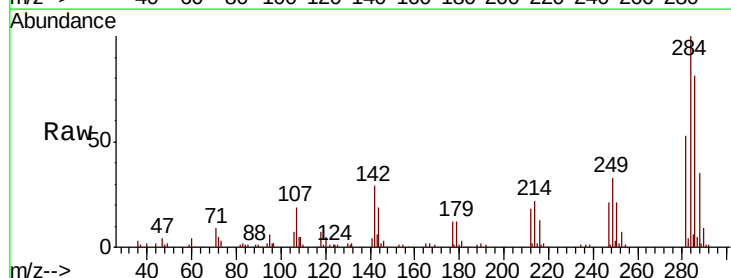
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
 Hexachlorobenzene
 Concen: 29.908 ng
 RT: 16.72 min Scan# 2320
 Delta R.T. -0.00 min
 Lab File: BG041504.D
 Acq: 28 Jun 2019 3:12

Tgt Ion	Ratio	Lower	Upper
284	100		
142	28.5	22.9	34.3
249	32.5	26.1	39.1

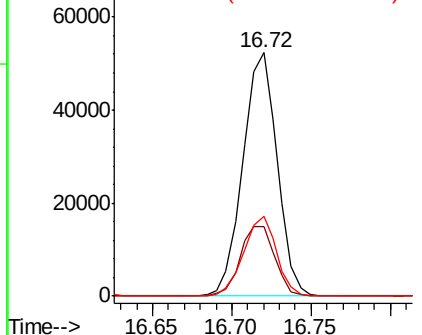
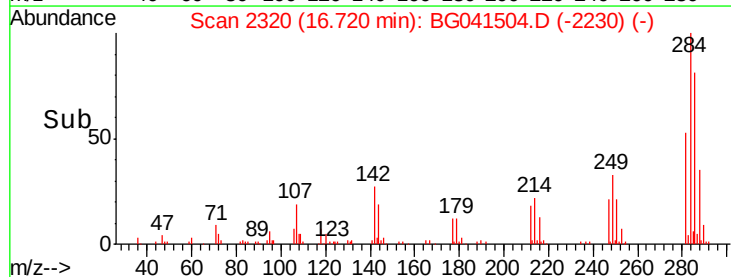


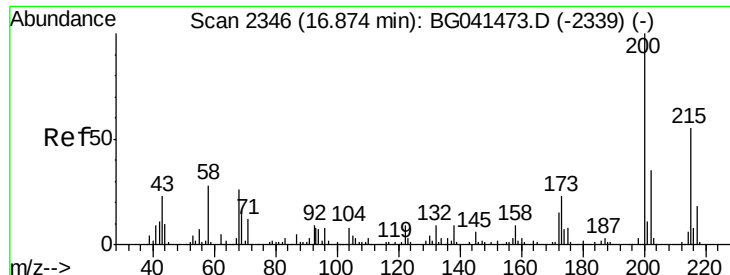
Abundance

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





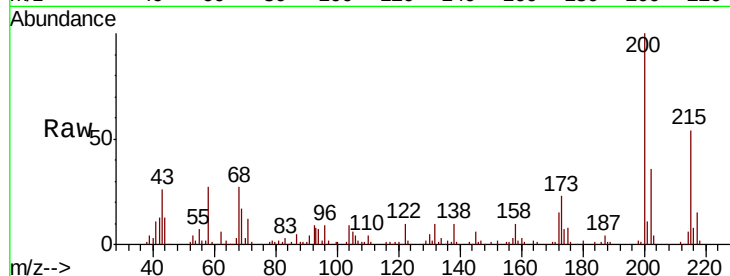
#69
 Atrazine
 Concen: 31.983 ng
 RT: 16.87 min Scan# 2345
 Delta R.T. -0.01 min
 Lab File: BG041504.D
 Acq: 28 Jun 2019 3:12

Instrument :
 BNA_G
 ClientSampleId :
 M-10MSD

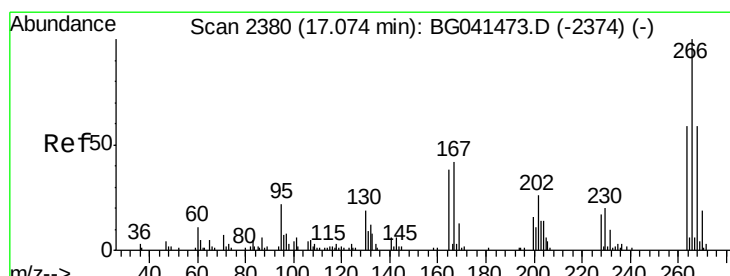
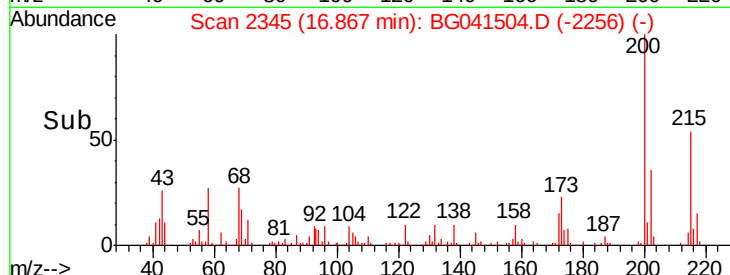
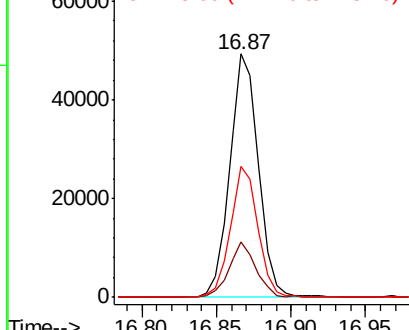
Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	22.6	3.1	43.1
215	54.0	34.7	74.7

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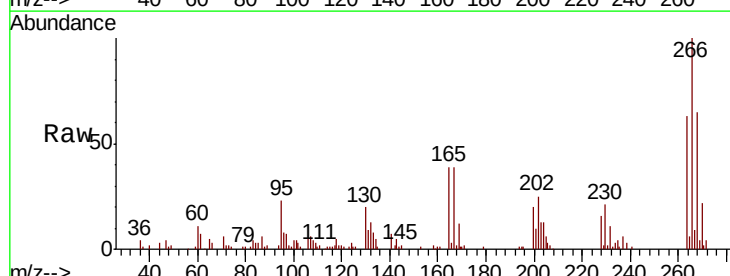


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

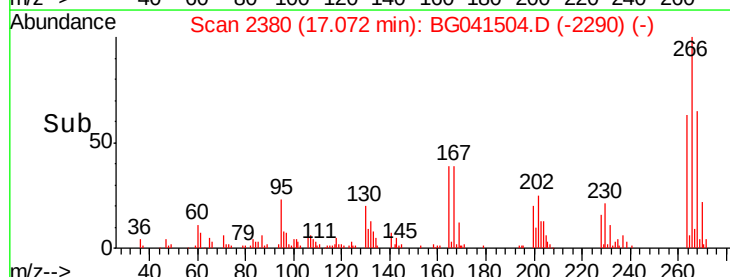
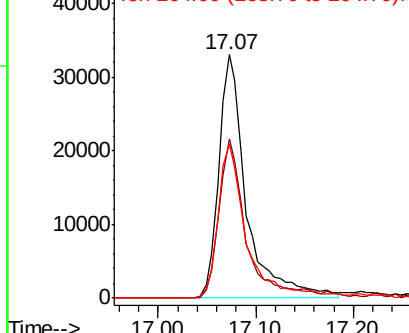


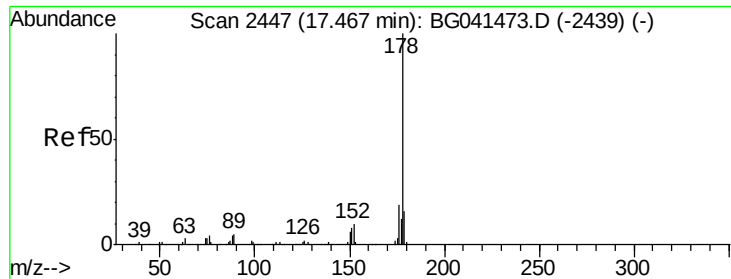
#70
 Pentachlorophenol
 Concen: 54.653 ng
 RT: 17.07 min Scan# 2380
 Delta R.T. -0.00 min
 Lab File: BG041504.D
 Acq: 28 Jun 2019 3:12

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	65.4	47.0	70.4
264	63.4	47.4	71.0



Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E





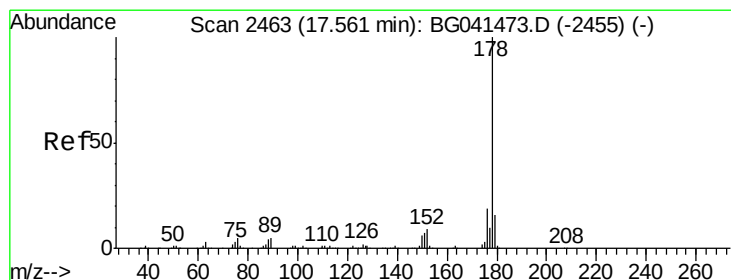
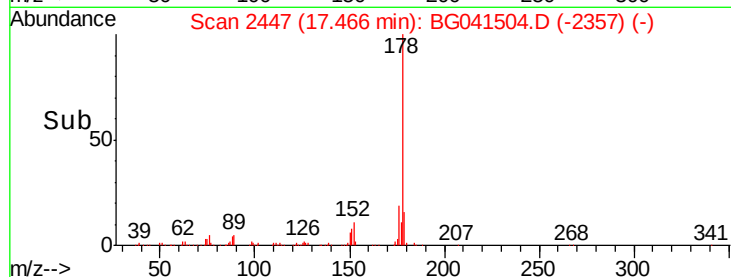
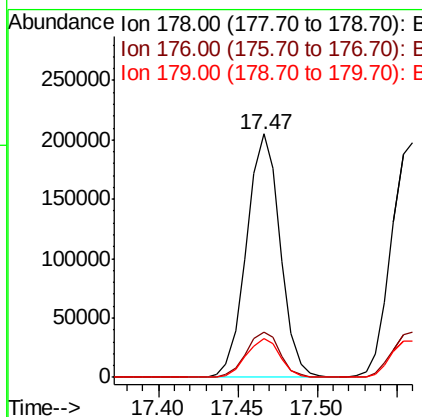
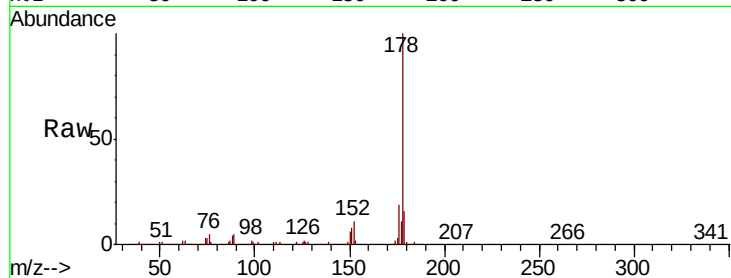
#71
Phenanthrene
Concen: 30.761 ng
RT: 17.47 min Scan# 2447
Delta R.T. -0.00 min
Lab File: BG041504.D
Acq: 28 Jun 2019 3:12

Instrument :
BNA_G
ClientSampled :
M-10MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.4	23.0
179	15.8	13.0	19.4

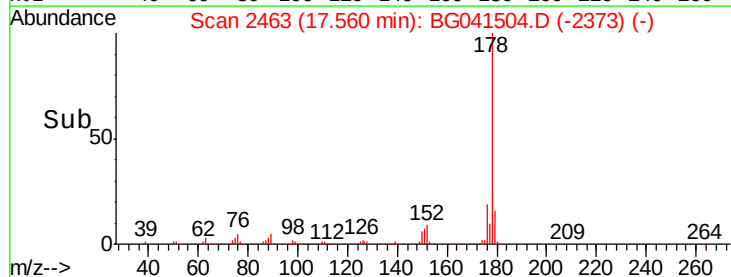
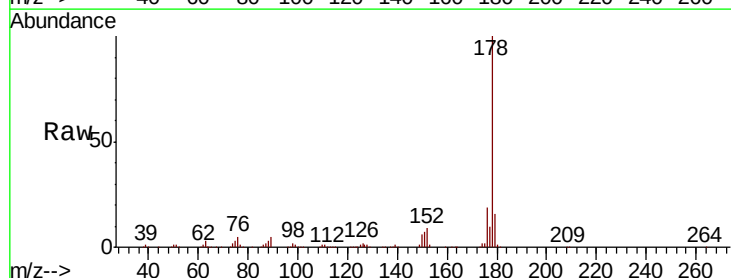
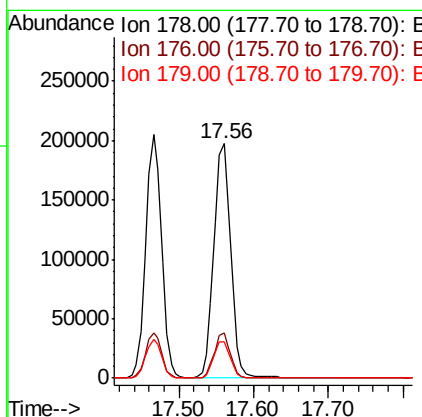
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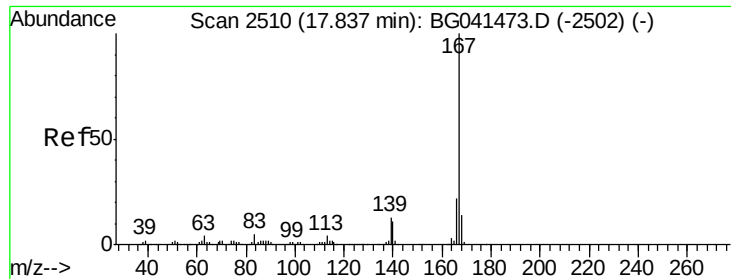
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#72
Anthracene
Concen: 31.567 ng
RT: 17.56 min Scan# 2463
Delta R.T. -0.00 min
Lab File: BG041504.D
Acq: 28 Jun 2019 3:12

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.0	14.8	22.2
179	15.7	12.8	19.2





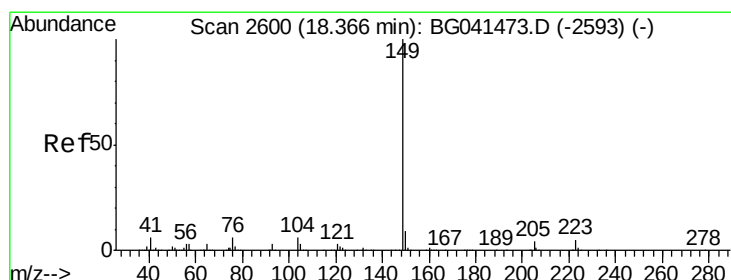
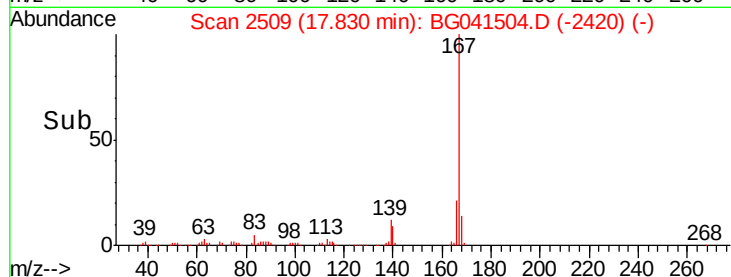
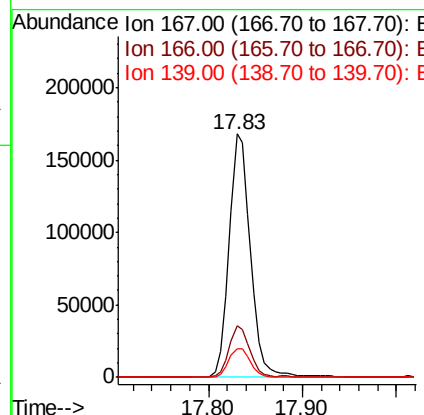
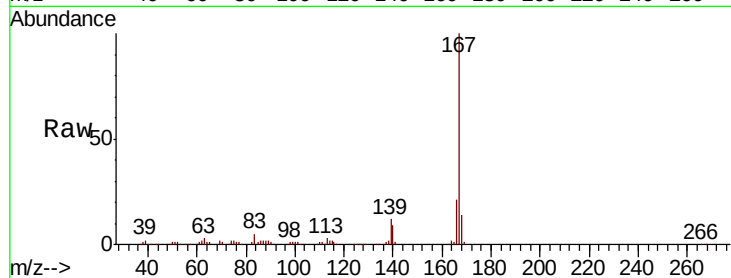
#73
 Carbazole
 Concen: 31.797 ng
 RT: 17.83 min Scan# 2509
 Delta R.T. -0.01 min
 Lab File: BG041504.D
 Acq: 28 Jun 2019 3:12

Instrument :
 BNA_G
 ClientSampleId :
 M-10MSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.2	17.8	26.6
139	12.0	10.8	16.2

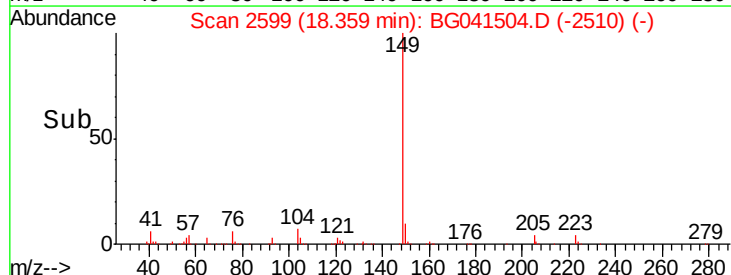
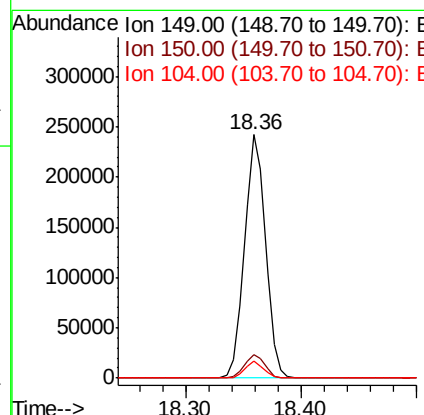
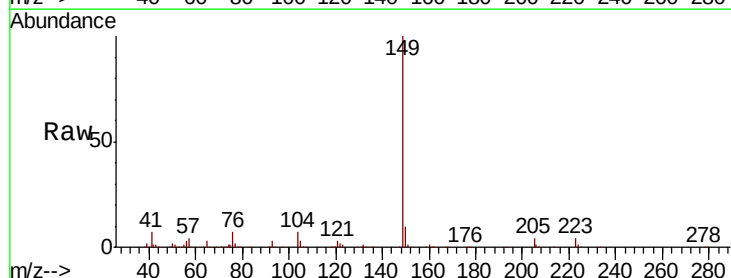
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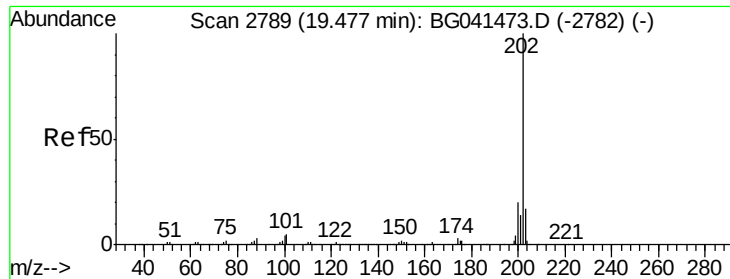
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#74
 Di-n-butylphthalate
 Concen: 29.094 ng
 RT: 18.36 min Scan# 2599
 Delta R.T. -0.01 min
 Lab File: BG041504.D
 Acq: 28 Jun 2019 3:12

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.7	7.5	11.3
104	7.0	5.0	7.6





#75

Fluoranthene

Concen: 30.788 ng

RT: 19.47 min Scan# 2788

Delta R.T. -0.01 min

Lab File: BG041504.D

Acq: 28 Jun 2019 3:12

Instrument :

BNA_G

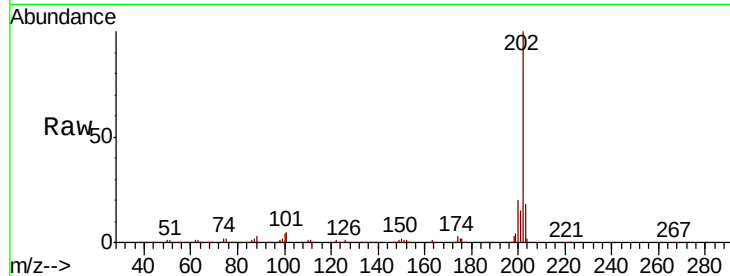
ClientSampleId :

M-10MSD

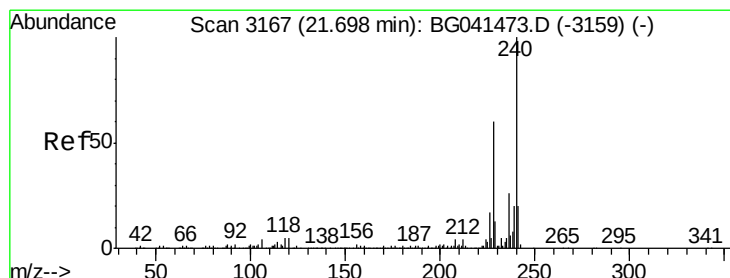
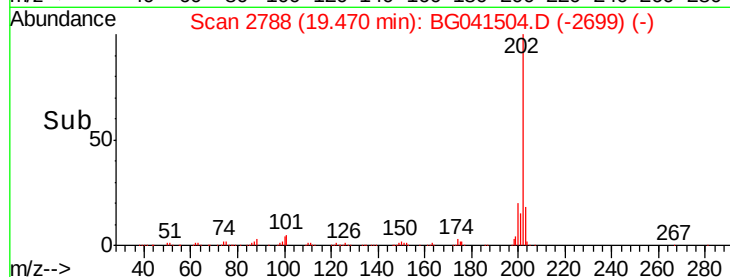
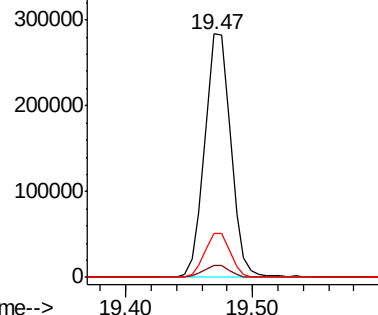
Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		403248		
101	5.1	0.0	24.9		
203	17.9	0.0	37.5		

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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

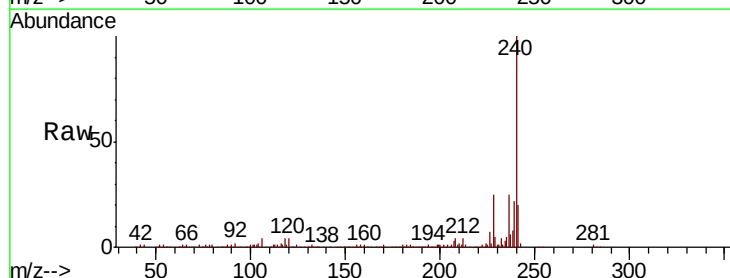
RT: 21.70 min Scan# 3167

Delta R.T. -0.00 min

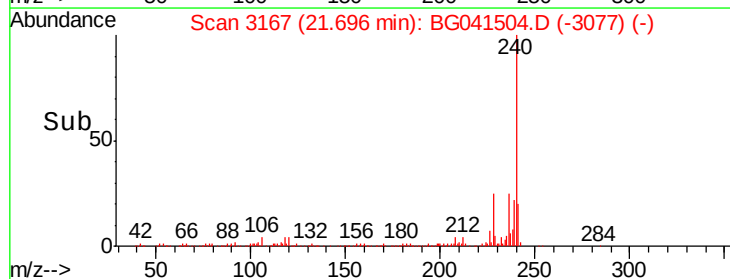
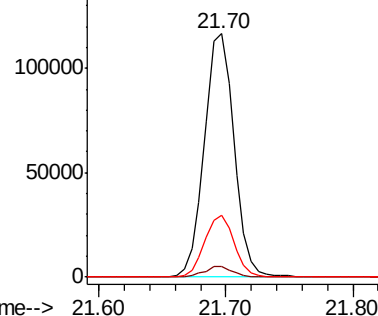
Lab File: BG041504.D

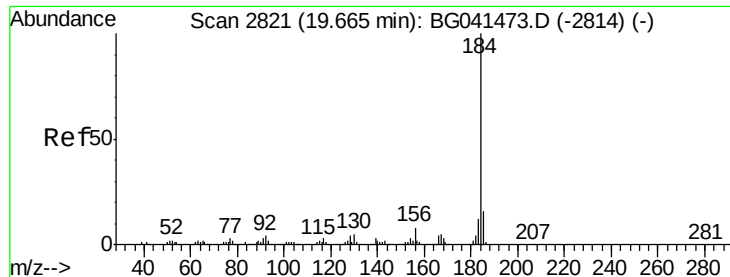
Acq: 28 Jun 2019 3:12

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
240	100		188241		
120	4.2	3.7	5.5		
236	25.5	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: 6.401 ng/mL

RT: 19.67 min Scan# 2822

Delta R.T. 0.00 min

Lab File: BG041504.D

Acq: 28 Jun 2019 3:12

Instrument :

BNA_G

ClientSampleId :

M-10MSD

Tot Ion:184 Resp: 26733

Ion Ratio Lower Upper

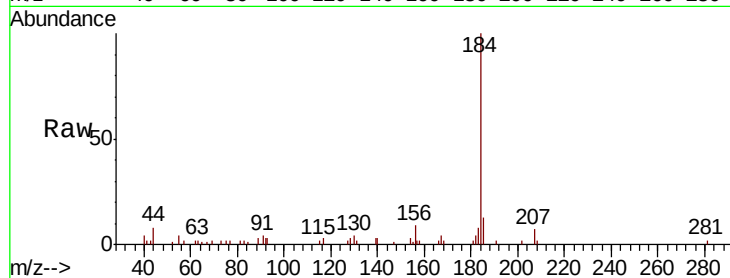
184 100

185 13.0 12.7 19.1

183 8.3 9.4 14.2

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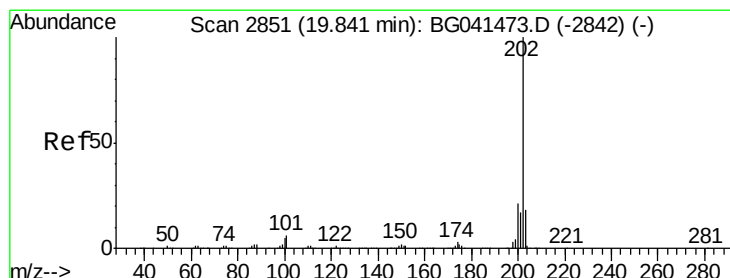
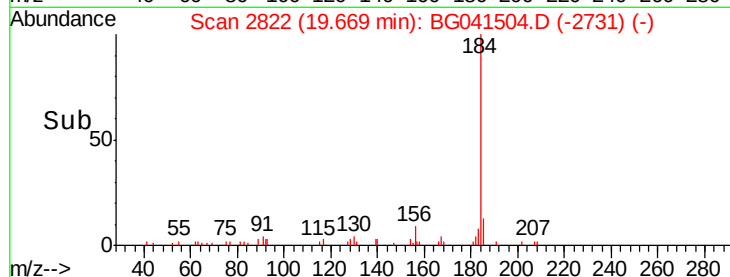
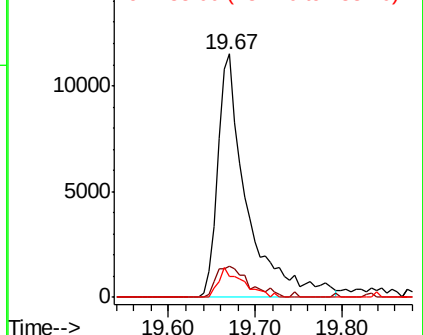


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 31.504 ng/mL

RT: 19.83 min Scan# 2850

Delta R.T. -0.01 min

Lab File: BG041504.D

Acq: 28 Jun 2019 3:12

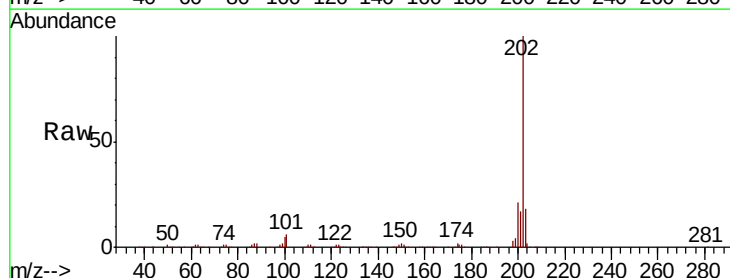
Tgt Ion:202 Resp: 404845

Ion Ratio Lower Upper

202 100

200 20.8 16.8 25.2

203 17.7 14.2 21.4

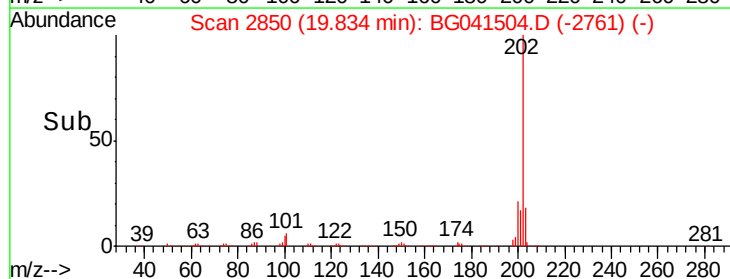
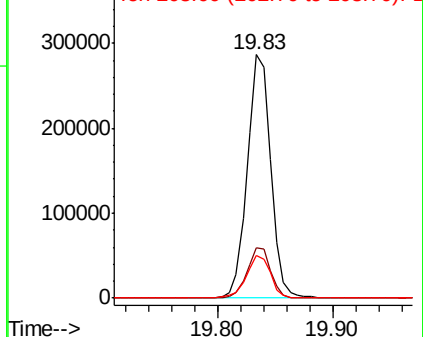


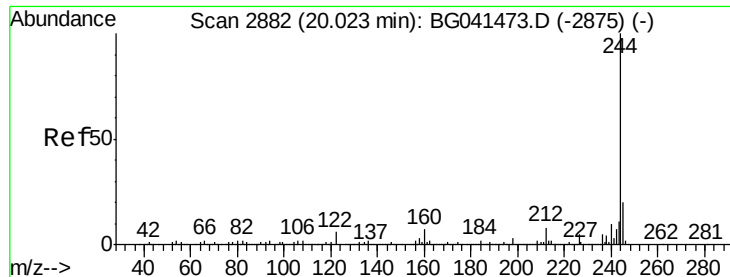
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





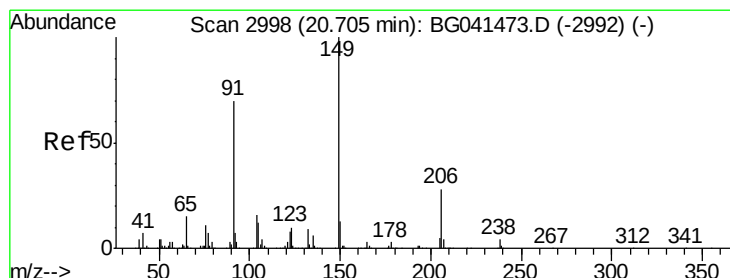
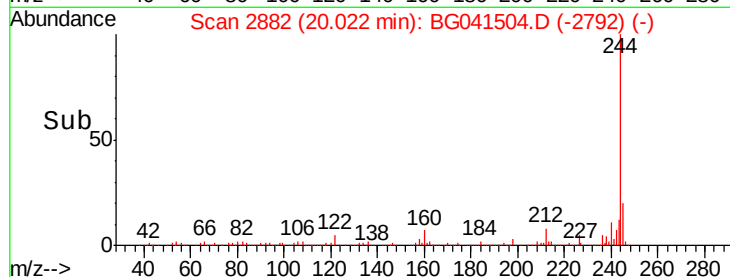
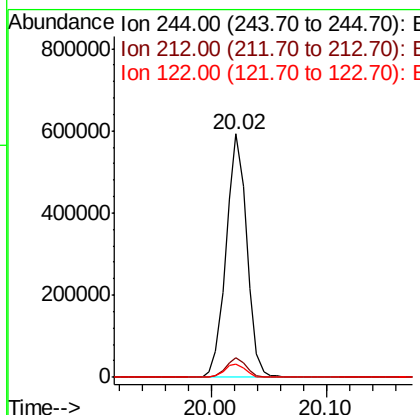
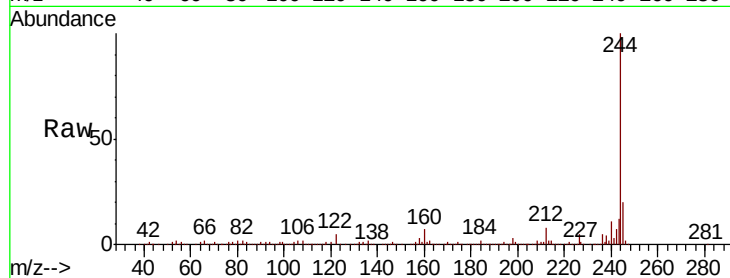
#79
 Terphenyl-d14
 Concen: 82.719 ng
 RT: 20.02 min Scan# 2882
 Delta R.T. -0.00 min
 Lab File: BG041504.D
 Acq: 28 Jun 2019 3:12

Instrument :
 BNA_G
 ClientSampleId :
 M-10MSD

Tot Ion	Ratio	Resp	Lower	Upper
244	100			
212	7.8	6.2	9.4	
122	5.4	4.8	7.2	

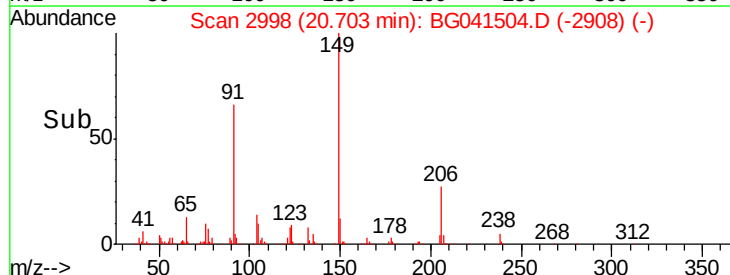
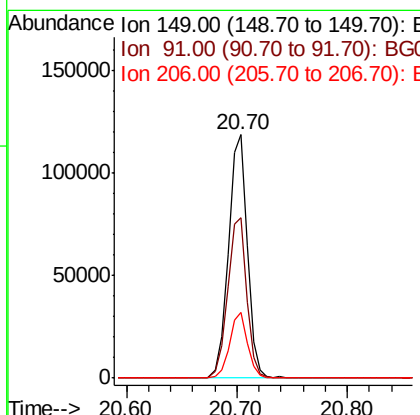
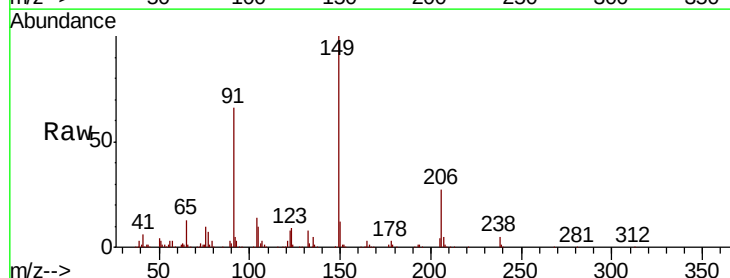
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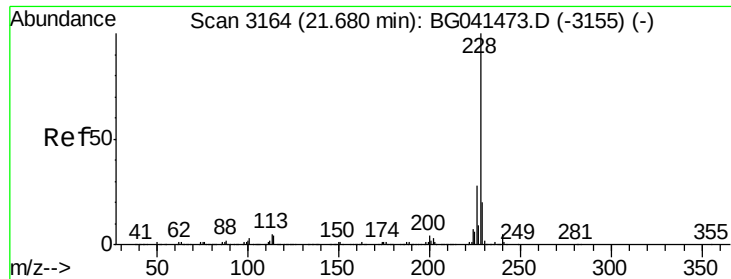
mohammad
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#80
 Butylbenzylphthalate
 Concen: 29.596 ng
 RT: 20.70 min Scan# 2998
 Delta R.T. -0.00 min
 Lab File: BG041504.D
 Acq: 28 Jun 2019 3:12

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
91	66.1	55.9	83.9	
206	27.2	22.1	33.1	





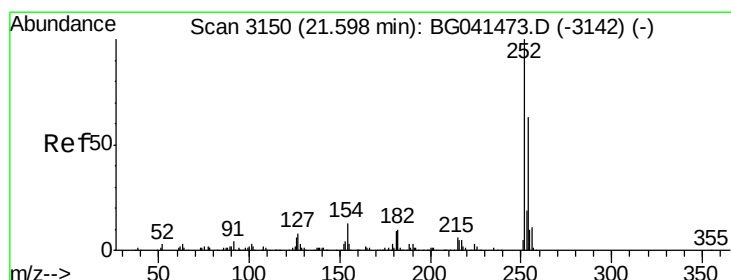
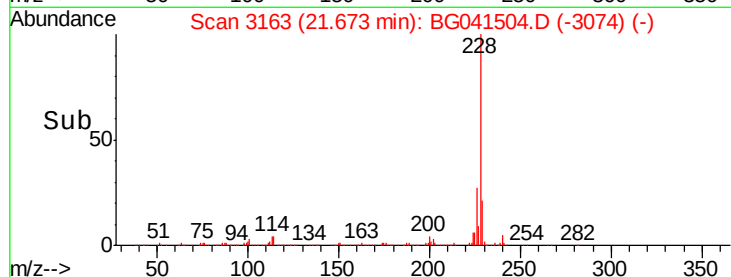
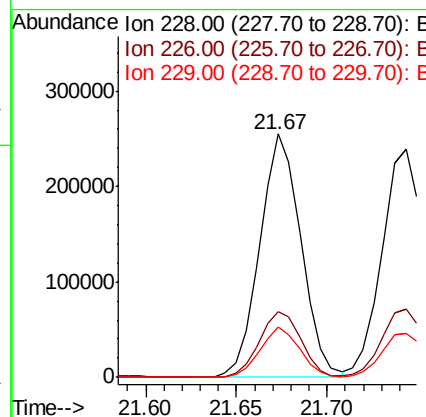
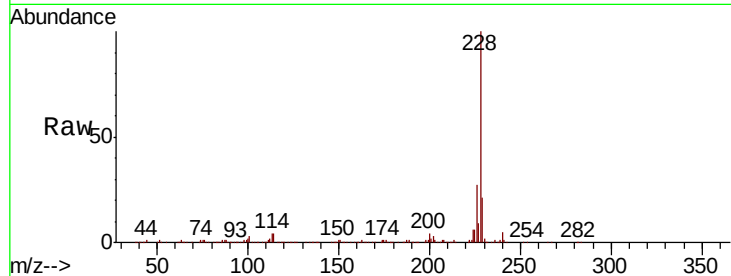
#81
Benzo(a)anthracene
Concen: 30.774 ng
RT: 21.67 min Scan# 3163
Delta R.T. -0.01 min
Lab File: BG041504.D
Acq: 28 Jun 2019 3:12

Instrument :
BNA_G
ClientSampleId :
M-10MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	26.7	22.6	33.8
229	20.6	16.1	24.1

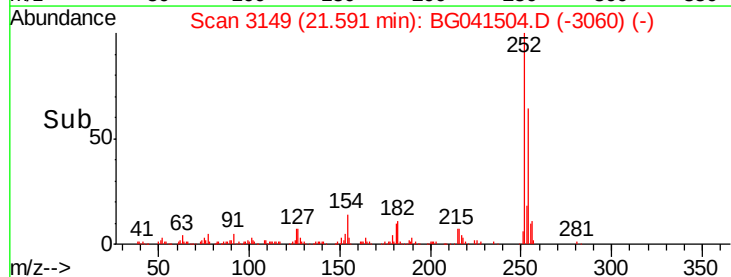
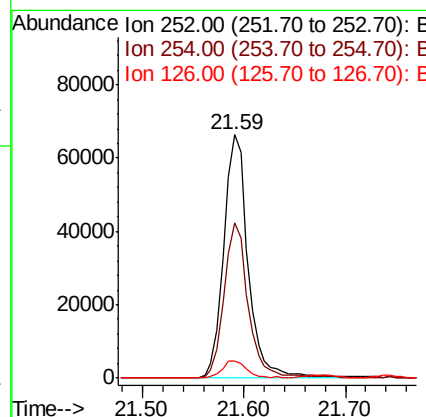
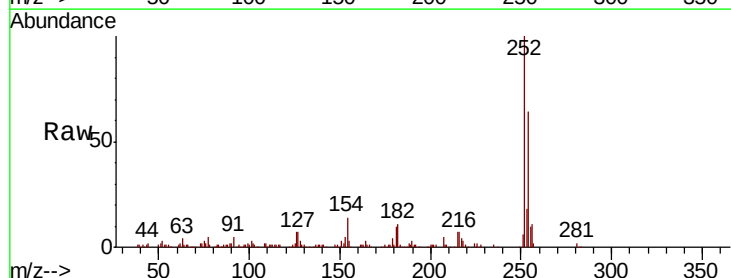
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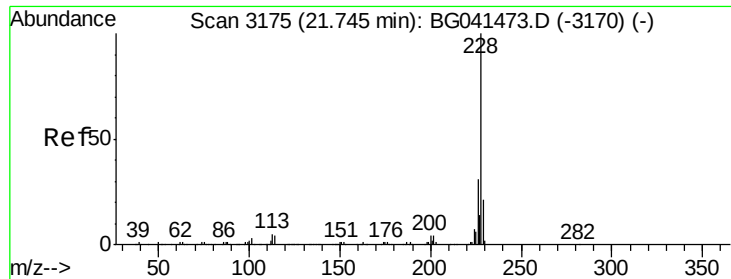
mohammad
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#82
3,3'-Dichlorobenzidine
Concen: 24.574 ng
RT: 21.59 min Scan# 3149
Delta R.T. -0.01 min
Lab File: BG041504.D
Acq: 28 Jun 2019 3:12

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.7	50.4	75.6
126	7.2	4.9	7.3





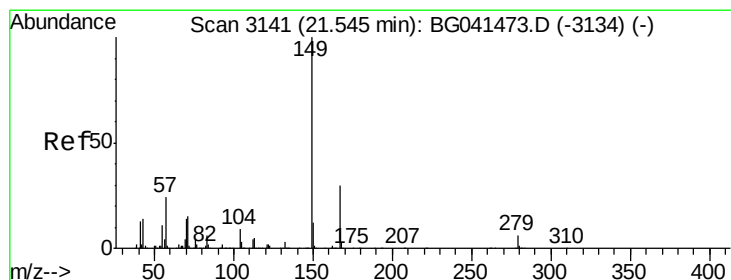
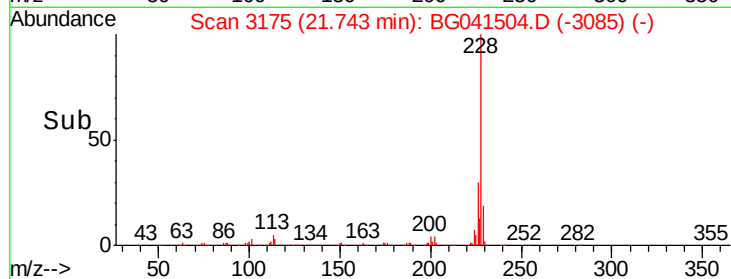
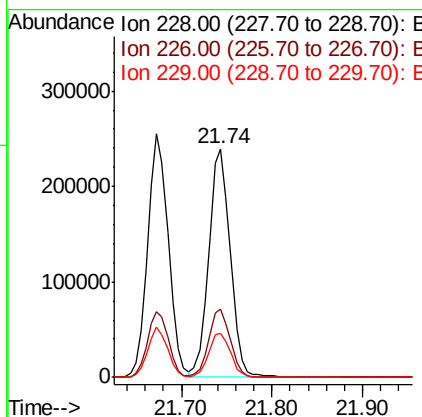
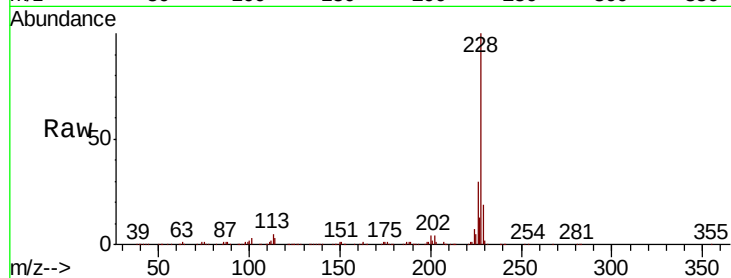
#83
 Chrysene
 Concen: 31.104 ng
 RT: 21.74 min Scan# 3175
 Delta R.T. -0.00 min
 Lab File: BG041504.D
 Acq: 28 Jun 2019 3:12

Instrument :
 BNA_G
 ClientSampleId :
 M-10MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.0	25.0	37.4
229	19.5	16.8	25.2

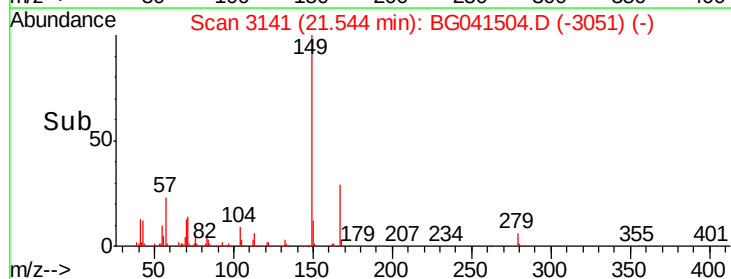
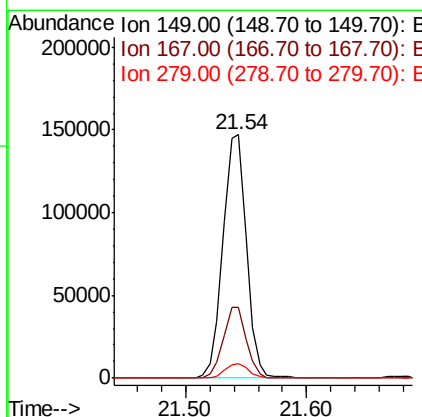
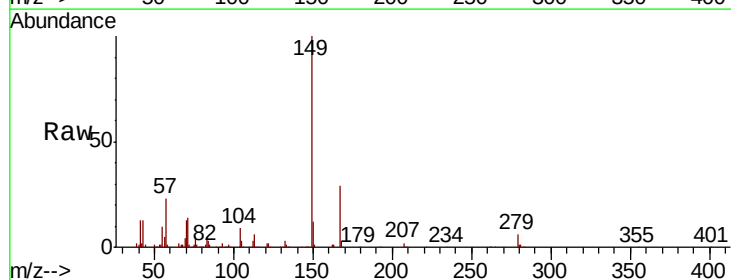
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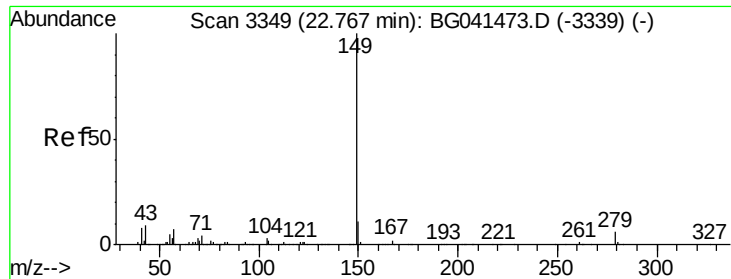
mohammad
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 29.104 ng
 RT: 21.54 min Scan# 3141
 Delta R.T. -0.00 min
 Lab File: BG041504.D
 Acq: 28 Jun 2019 3:12

Tgt Ion	Ratio	Lower	Upper
149	100		
167	29.2	23.6	35.4
279	6.2	5.0	7.6





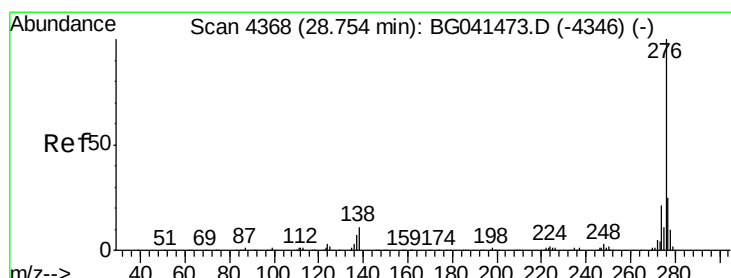
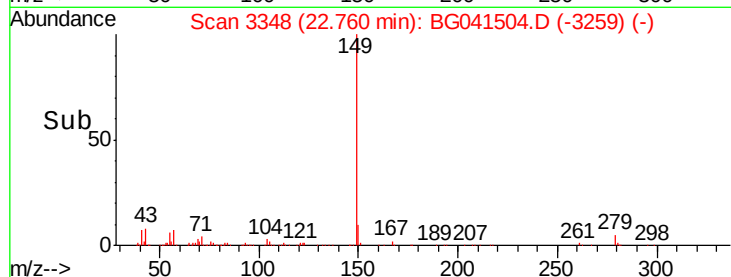
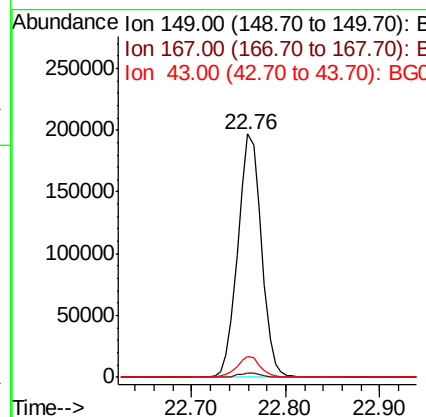
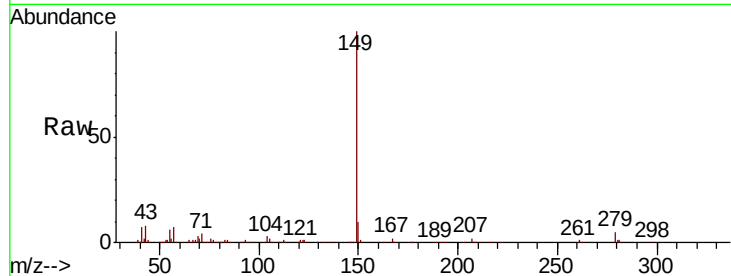
#85
Di-n-octyl phthalate
Concen: 29.772 ng
RT: 22.76 min Scan# 3348
Delta R.T. -0.01 min
Lab File: BG041504.D
Acq: 28 Jun 2019 3:12

Instrument :
BNA_G
ClientSampled :
M-10MSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	342787		
167	1.7		1.4	2.2
43	8.5		7.2	10.8

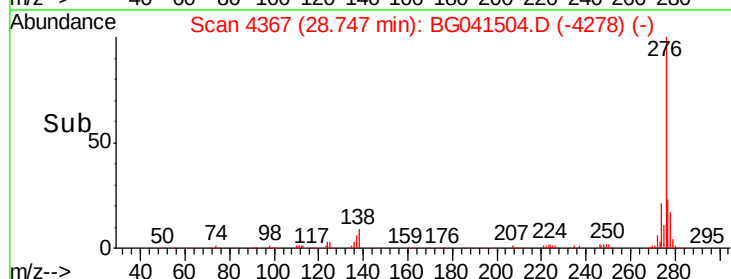
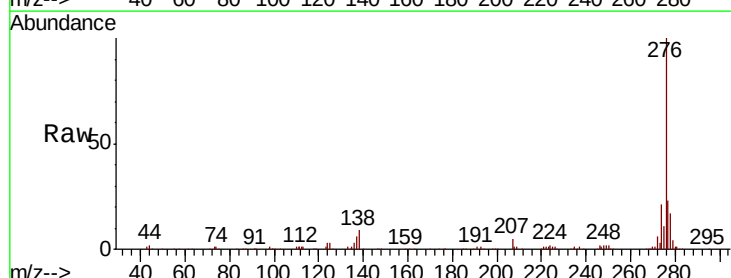
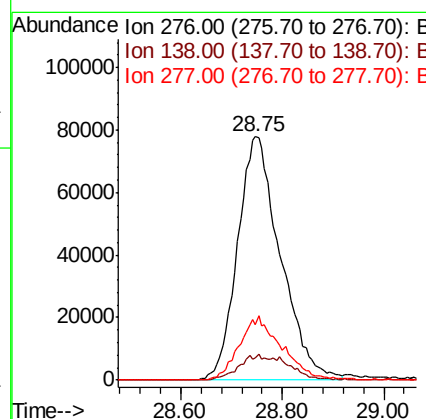
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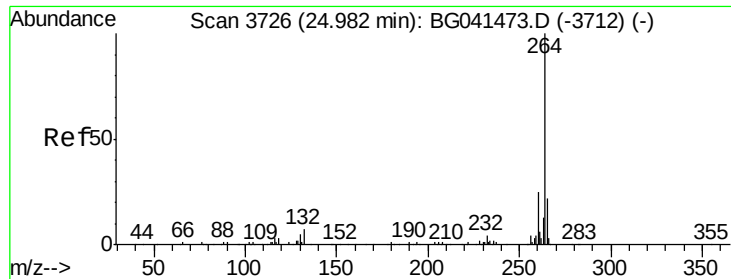
mohammad
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#86
Indeno(1,2,3-cd)pyrene
Concen: 29.761 ng
RT: 28.75 min Scan# 4367
Delta R.T. -0.01 min
Lab File: BG041504.D
Acq: 28 Jun 2019 3:12

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	456511		
138	3.8		4.9	7.3#
277	25.8		20.4	30.6





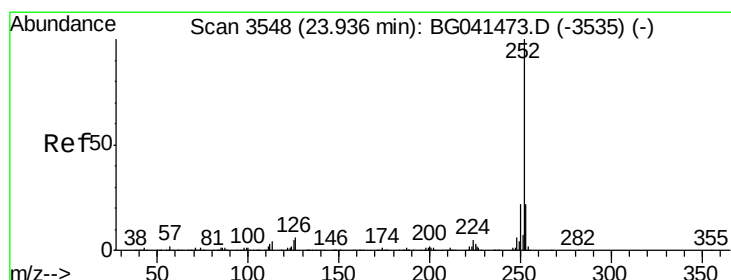
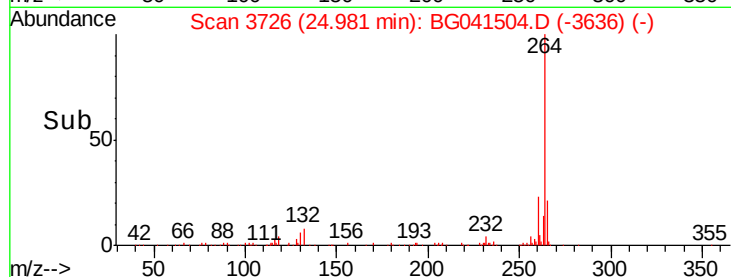
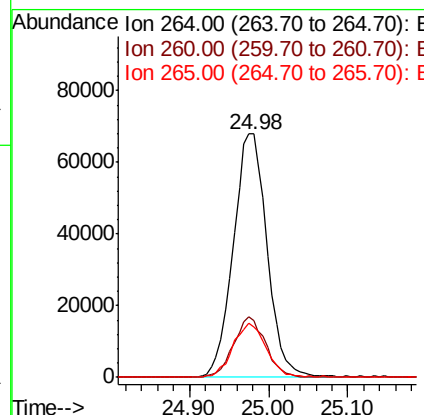
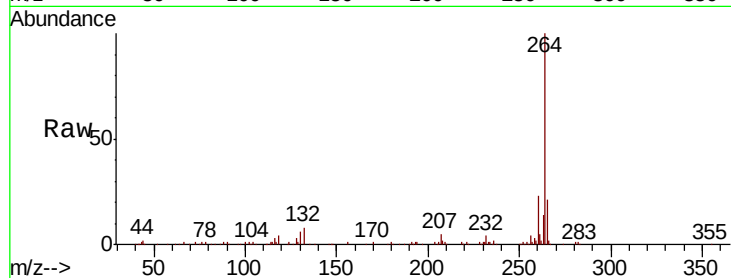
#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.98 min Scan# 3726
Delta R.T. -0.00 min
Lab File: BG041504.D
Acq: 28 Jun 2019 3:12

Instrument :
BNA_G
ClientSampleId :
M-10MSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.7	29.5
265	20.5	17.4	26.2

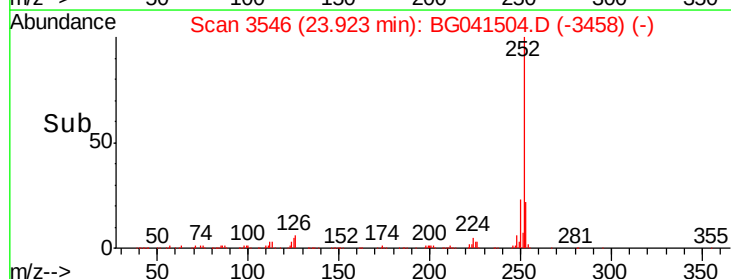
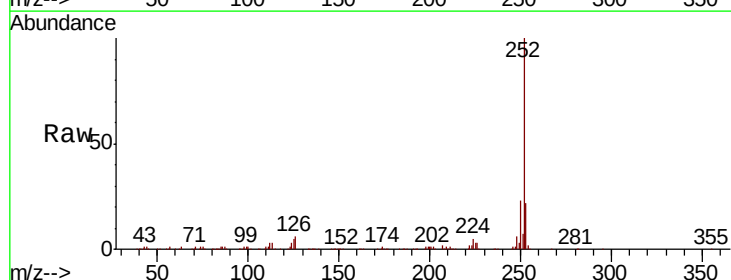
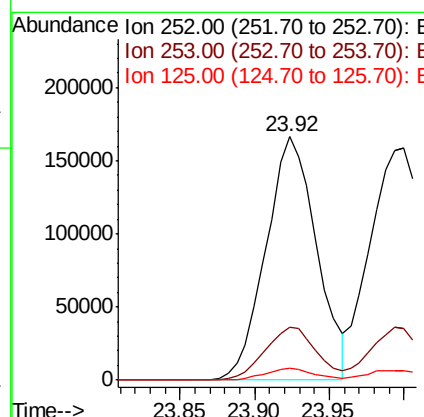
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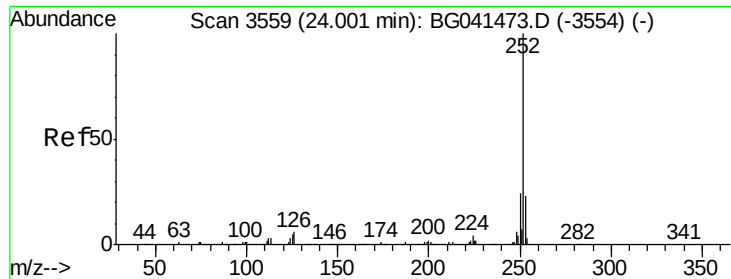
mohammad
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#88
Benzo(b)fluoranthene
Concen: 30.806 ng
RT: 23.92 min Scan# 3546
Delta R.T. -0.01 min
Lab File: BG041504.D
Acq: 28 Jun 2019 3:12

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.0	27.0
125	4.9	3.8	5.8





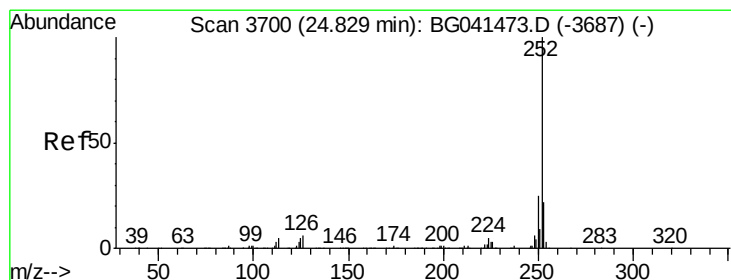
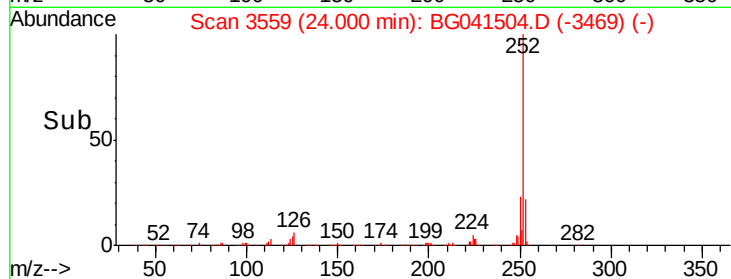
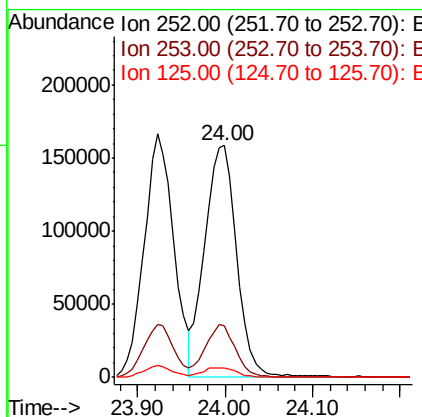
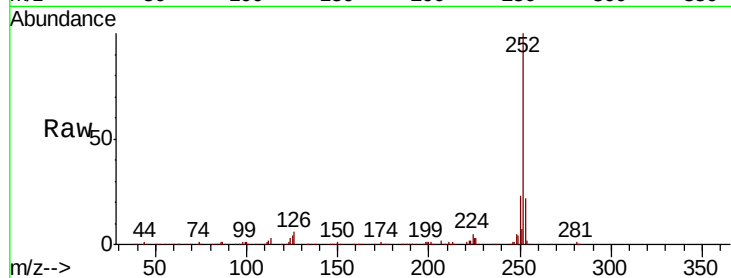
#89
Benzo(k)fluoranthene
Concen: 31.966 ng
RT: 24.00 min Scan# 3559
Delta R.T. -0.00 min
Lab File: BG041504.D
Acq: 28 Jun 2019 3:12

Instrument :
BNA_G
ClientSampleId :
M-10MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.3	27.5
125	4.3	4.0	6.0

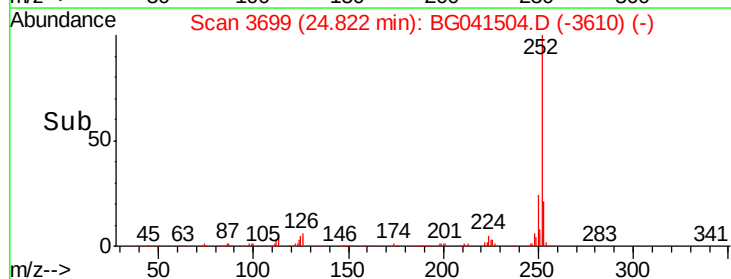
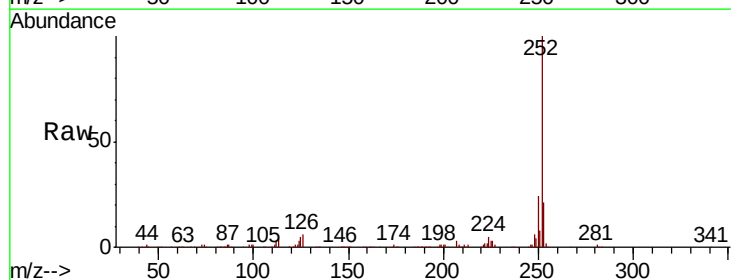
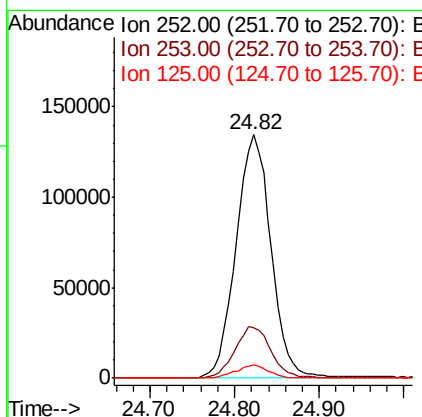
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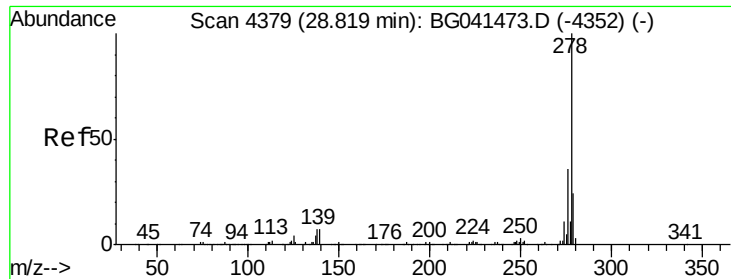
mohammad
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#90
Benzo(a)pyrene
Concen: 31.777 ng
RT: 24.82 min Scan# 3699
Delta R.T. -0.01 min
Lab File: BG041504.D
Acq: 28 Jun 2019 3:12

Tgt Ion	Ratio	Lower	Upper
252	100		
253	20.8	17.5	26.3
125	5.3	4.4	6.6





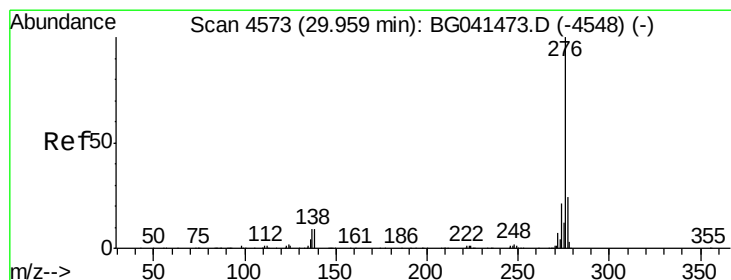
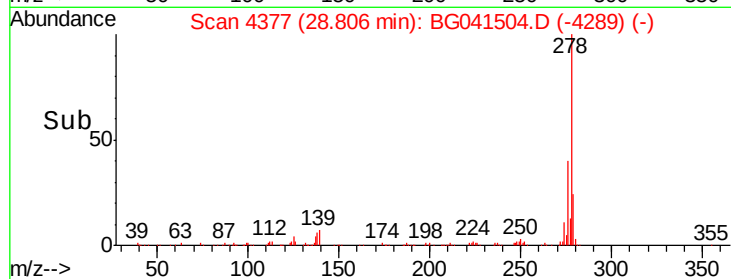
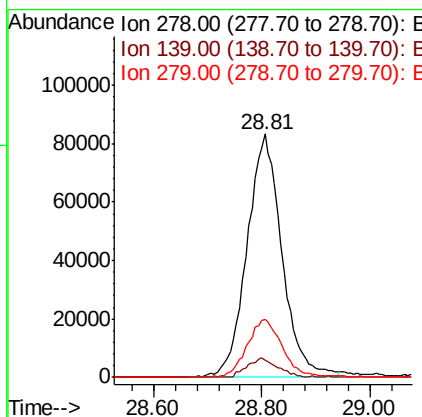
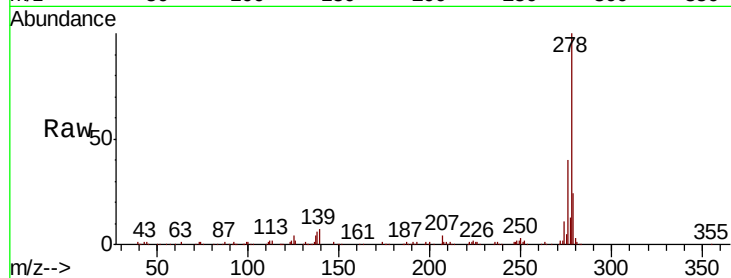
#91
Dibenzo(a,h)anthracene
Concen: 30.609 ng
RT: 28.81 min Scan# 4377
Delta R.T. -0.01 min
Lab File: BG041504.D
Acq: 28 Jun 2019 3:12

Instrument :
BNA_G
ClientSampled :
M-10MSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	7.2	5.9	8.9
279	23.7	18.9	28.3

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#92
Benzo(g,h,i)perylene
Concen: 31.228 ng
RT: 29.93 min Scan# 4568
Delta R.T. -0.03 min
Lab File: BG041504.D
Acq: 28 Jun 2019 3:12

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.3	19.4	29.2
138	10.4	7.6	11.4

