

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG093019\
 Data File : BG042963.D
 Acq On : 1 Oct 2019 5:08
 Operator : JU
 Sample : K4657-03MS
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BU-02-092419MS

Manual Integrations
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mohammad
 10/2/2019 8:33:27 AM

Quant Time: Oct 01 08:15:49 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 25 15:35:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	71087	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	255481	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	180669	20.00	ng	0.00
64) Phenanthrene-d10	17.43	188	440409	20.00	ng	0.00
76) Chrysene-d12	21.71	240	481908	20.00	ng	0.00
87) Perylene-d12	24.93	264	542069	20.00	ng	-0.03

System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	544013	136.57	ng	0.00
7) Phenol-d6	7.25	99	771134	134.43	ng	0.00
23) Nitrobenzene-d5	9.23	82	495810	94.33	ng	0.00
42) 2,4,6-Tribromophenol	16.18	330	457950	147.41	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	1179125	94.61	ng	0.00
79) Terphenyl-d14	20.04	244	2217114	98.04	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.57	88	63585	38.287	ng	# 53
3) Pyridine	3.98	79	98264	21.037	ng	97
4) n-Nitrosodimethylamine	3.87	42	103073	45.887	ng	95
6) Aniline	7.41	93	88664	12.805	ng	96
8) 2-Chlorophenol	7.65	128	199201	47.953	ng	97
9) Benzaldehyde	7.21	77	41330	11.791	ng	93
10) Phenol	7.28	94	266505	50.639	ng	97
11) bis(2-Chloroethyl)ether	7.49	93	180581	44.348	ng	97
12) 1,3-Dichlorobenzene	7.96	146	217710	41.083	ng	97
13) 1,4-Dichlorobenzene	8.11	146	220886	41.813	ng	98
14) 1,2-Dichlorobenzene	8.43	146	212516	42.255	ng	94
15) Benzyl Alcohol	8.31	79	205806	47.721	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.59	45	309850	39.623	ng	99
17) 2-Methylphenol	8.52	107	173748	47.183	ng	96
18) Hexachloroethane	9.16	117	81968	41.199	ng	98
19) n-Nitroso-di-n-propylamine	8.88	70	165672	43.985	ng	99
20) 3+4-Methylphenols	8.85	107	241685	47.892	ng	98
22) Acetophenone	8.89	105	303217	46.043	ng	# 99
24) Nitrobenzene	9.27	77	247602	49.386	ng	99
25) Isophorone	9.80	82	452364	48.995	ng	99
26) 2-Nitrophenol	9.99	139	115316	54.030	ng	95
27) 2,4-Dimethylphenol	10.05	122	190060	57.986	ng	99
28) bis(2-Chloroethoxy)methane	10.28	93	244085	46.596	ng	98
29) 2,4-Dichlorophenol	10.53	162	220940	54.199	ng	97
30) 1,2,4-Trichlorobenzene	10.74	180	243341	46.225	ng	98
31) Naphthalene	10.93	128	625410	49.729	ng	99
32) Benzoic acid	10.19	122	124011	48.495	ng	98
33) 4-Chloroaniline	11.04	127	21409	3.923	ng	# 90
34) Hexachlorobutadiene	11.21	225	175088	44.420	ng	96
35) Caprolactam	11.82	113	71286m	49.588	ng	
36) 4-Chloro-3-methylphenol	12.15	107	240061	54.162	ng	94
37) 2-Methylnaphthalene	12.52	142	465293	48.497	ng	95
38) 1-Methylnaphthalene	12.74	142	441979	48.685	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	311066	45.792	ng	99

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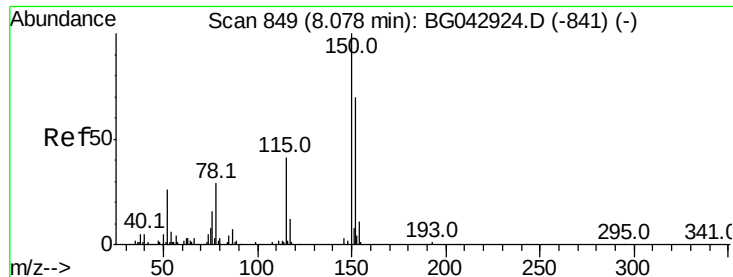
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.88	237	411486	95.071	nq	96
43) 2,4,6-Trichlorophenol	13.13	196	208516	52.444	nq	95
44) 2,4,5-Trichlorophenol	13.21	196	225159	54.972	nq	98
46) 1,1'-Biphenyl	13.53	154	641033	46.787	nq	99
47) 2-Chloronaphthalene	13.57	162	499024	48.580	nq	97
48) 2-Nitroaniline	13.77	65	171954	50.338	nq	92
49) Acenaphthylene	14.42	152	800247	50.912	nq	99
50) Dimethylphthalate	14.15	163	810488	59.873	nq	99
51) 2,6-Dinitrotoluene	14.26	165	153836	53.364	nq	94
52) Acenaphthene	14.76	154	499820	47.507	nq	98
53) 3-Nitroaniline	14.59	138	69077	23.186	nq	# 99
54) 2,4-Dinitrophenol	14.79	184	207522	115.812	nq	95
55) Dibenzofuran	15.09	168	786645	50.545	nq	98
56) 4-Nitrophenol	14.91	139	256081	112.813	nq	96
57) 2,4-Dinitrotoluene	15.04	165	218159	51.678	nq	97
58) Fluorene	15.74	166	672865	50.640	nq	98
59) 2,3,4,6-Tetrachlorophenol	15.31	232	229648	52.659	nq	98
60) Diethylphthalate	15.51	149	674758	48.979	nq	97
61) 4-Chlorophenyl-phenylether	15.73	204	393477	49.377	nq	99
62) 4-Nitroaniline	15.76	138	151426	46.604	nq	94
63) Azobenzene	16.02	77	604582	48.202	nq	99
65) 4,6-Dinitro-2-methylphenol	15.81	198	147304	59.108	nq	100
66) n-Nitrosodiphenylamine	15.94	169	596437	51.301	nq	98
67) 4-Bromophenyl-phenylether	16.62	248	275420	49.827	nq	97
68) Hexachlorobenzene	16.74	284	303055	49.241	nq	100
69) Atrazine	16.89	200	212823	43.471	nq	95
70) Pentachlorophenol	17.08	266	409423	115.287	nq	100
71) Phenanthrene	17.48	178	1077432	50.111	nq	98
72) Anthracene	17.57	178	1089158	50.742	nq	98
73) Carbazole	17.84	167	1021731	51.331	nq	99
74) Di-n-butylphthalate	18.39	149	1166891	49.135	nq	100
75) Fluoranthene	19.48	202	1434642	50.447	nq	100
77) Benzidine	19.66	184	64120	5.314	nq	98
78) Pyrene	19.84	202	1441357	50.111	nq	98
80) Butylbenzylphthalate	20.73	149	557273	51.042	nq	100
81) Benzo(a)anthracene	21.68	228	1491655	49.677	nq	97
82) 3,3'-Dichlorobenzidine	21.60	252	298093	25.311	nq	98
83) Chrysene	21.75	228	1455156	49.938	nq	99
84) Bis(2-ethylhexyl)phthalate	21.60	149	783549	50.437	nq	98
85) Di-n-octyl phthalate	22.81	149	1333057	52.475	nq	99
86) Indeno(1,2,3-cd)pyrene	28.61	276	1900889	52.401	nq	# 96
88) Benzo(b)fluoranthene	23.91	252	1590383	51.852	nq	99
89) Benzo(k)fluoranthene	23.98	252	1598996	52.698	nq	99
90) Benzo(a)pyrene	24.78	252	1549283	53.539	nq	98
91) Dibenzo(a,h)anthracene	28.67	278	1599898	53.917	nq	98
92) Benzo(g,h,i)perylene	29.76	276	1577157	54.856	nq	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.07 min Scan# 848

Delta R.T. -0.01 min

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Acq: 1 Oct 2019 5:08

Instrument :

BNA_G

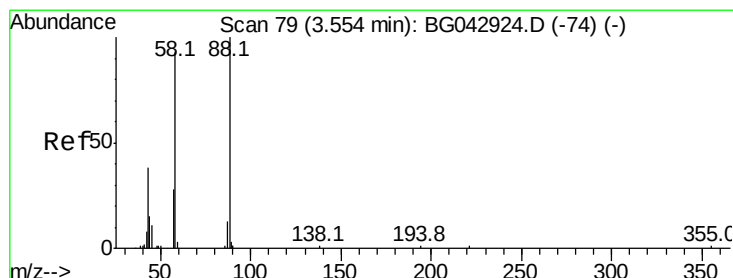
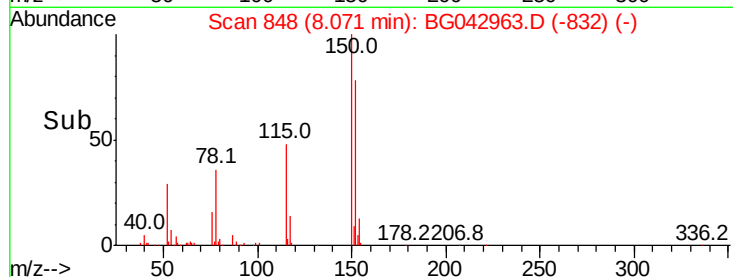
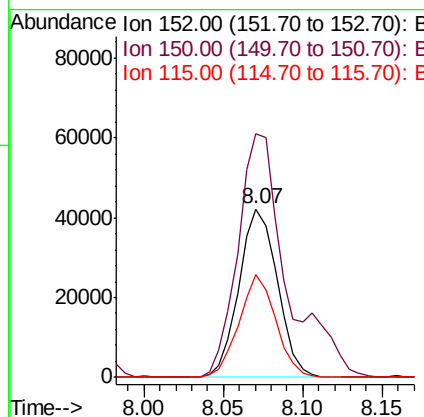
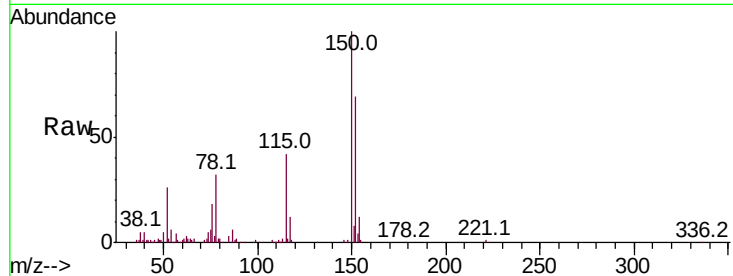
ClientSampleId :

BU-02-092419MS

Tot Ion:	152	Resp:	71087
Ion	Ratio	Lower	Upper
152	100		
150	144.8	115.0	172.4
115	61.0	47.0	70.6

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#2

1,4-Dioxane

Concen: 38.287 ng

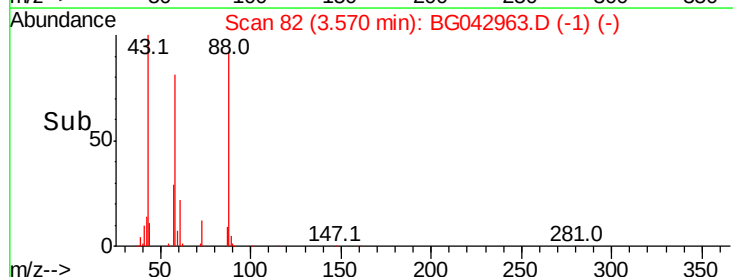
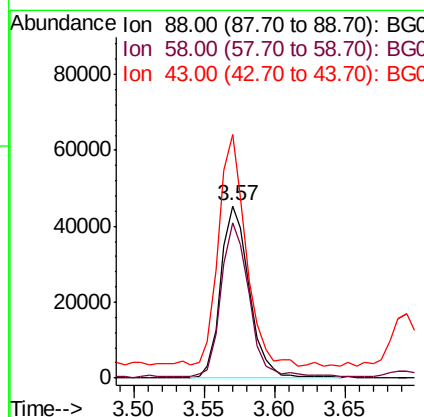
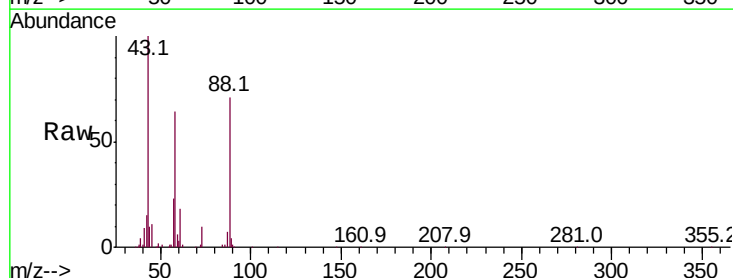
RT: 3.57 min Scan# 82

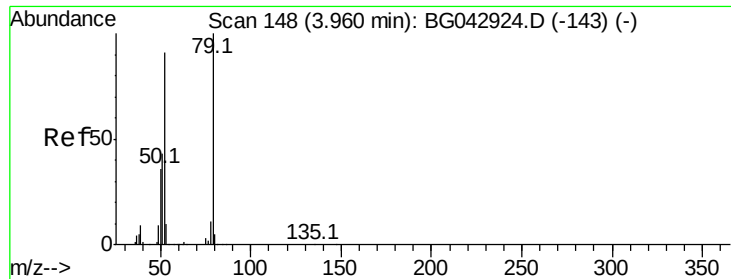
Delta R.T. 0.02 min

Lab File: BG042963.D

Acq: 1 Oct 2019 5:08

Tgt Ion:	88	Resp:	63585
Ion	Ratio	Lower	Upper
88	100		
58	88.2	74.3	111.5
43	127.1	29.8	44.8#





#3

Pvridine

Concen: 21.037 ng

RT: 3.98 min Scan# 151

Delta R.T. 0.02 min

Lab File: BG042963.D

Acq: 1 Oct 2019 5:08

Instrument :

BNA_G

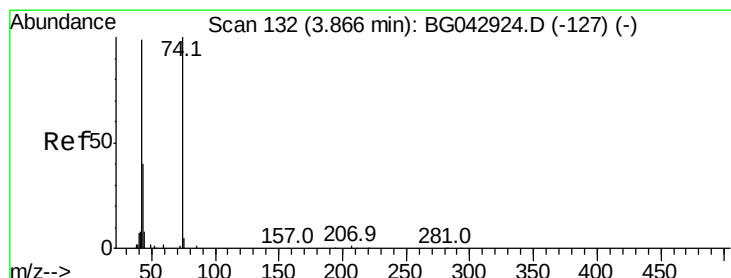
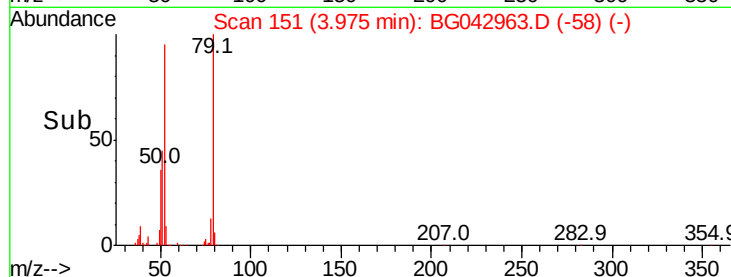
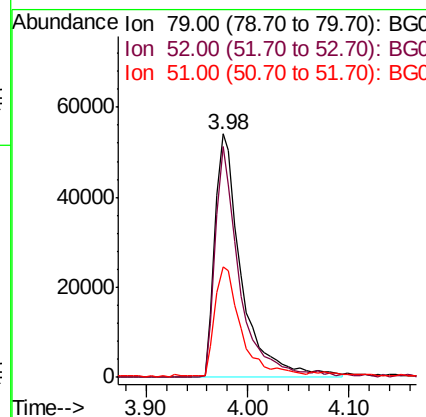
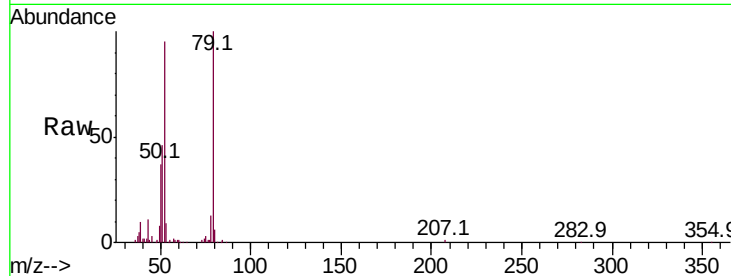
ClientSampleId :

BU-02-092419MS

Tot Ion:	79	Resp:	98264
Ion Ratio	Lower	Upper	
79	100		
52	94.7	73.0	109.4
51	45.6	35.1	52.7

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#4

n-Nitrosodimethylamine

Concen: 45.887 ng

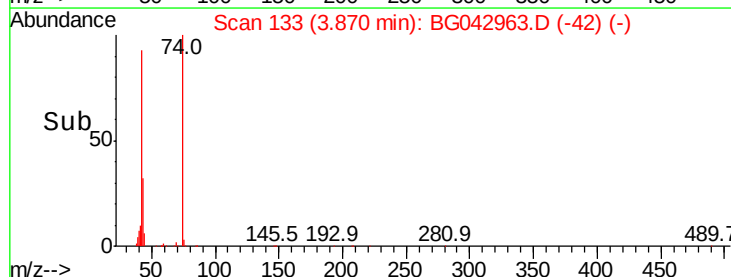
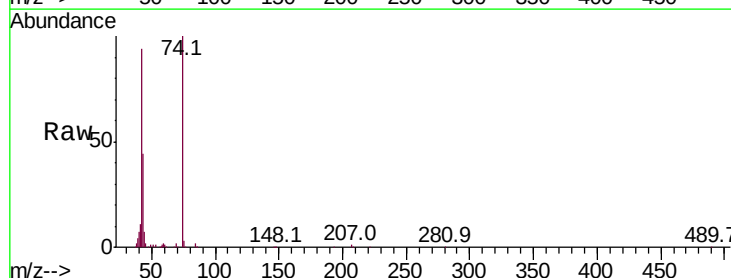
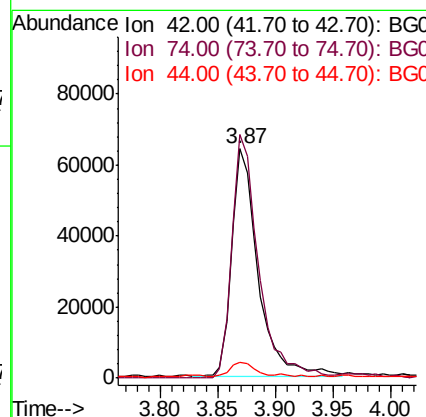
RT: 3.87 min Scan# 133

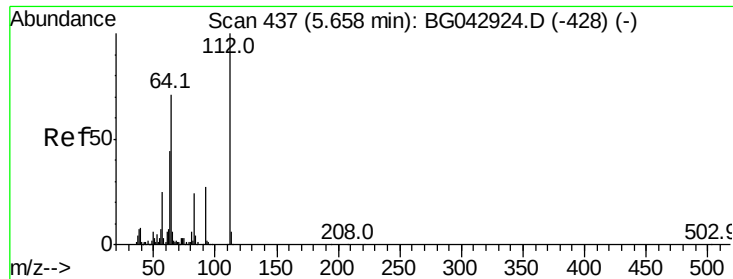
Delta R.T. 0.00 min

Lab File: BG042963.D

Acq: 1 Oct 2019 5:08

Tgt Ion:	42	Resp:	103073
Ion Ratio	Lower	Upper	
42	100		
74	106.1	80.5	120.7
44	7.1	6.9	10.3





#5

2-Fluorophenol

Concen: 136.573 ng

RT: 5.66 min Scan# 438

Delta R.T. 0.00 min

Lab File: BG042963.D

Acq: 1 Oct 2019 5:08

Instrument :

BNA_G

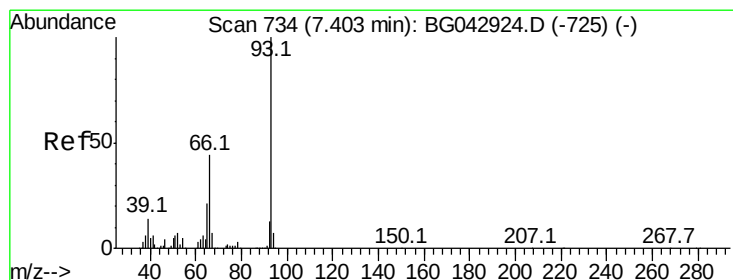
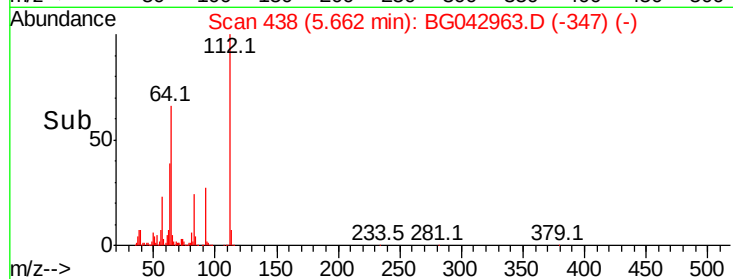
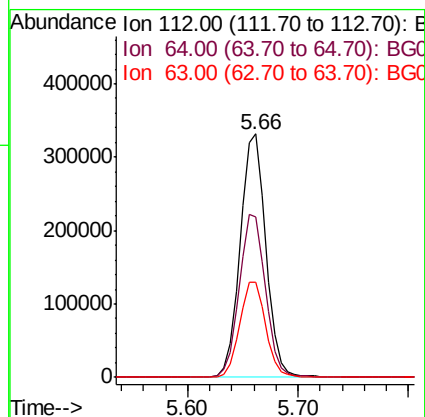
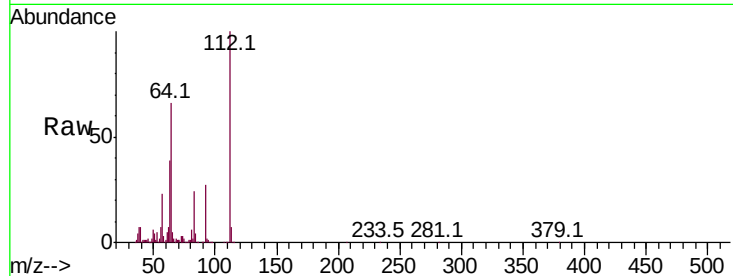
ClientSampleId :

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Tot Ion:	112	Resp:	544013
Ion Ratio	Lower	Upper	
112	100		
64	65.8	56.6	84.8
63	39.0	35.1	52.7

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#6

Aniline

Concen: 12.805 ng

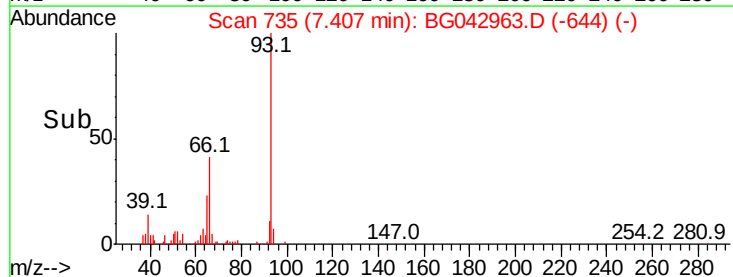
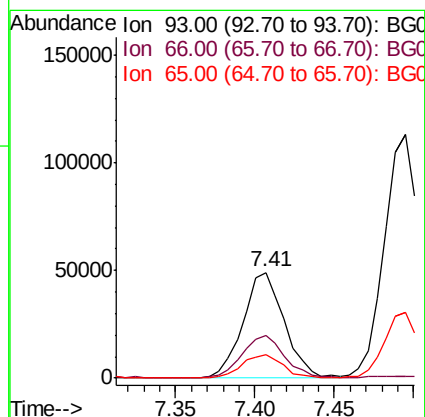
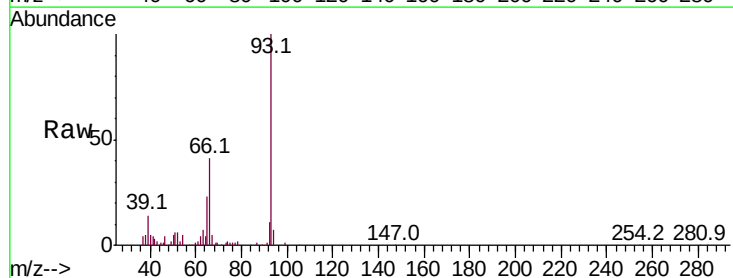
RT: 7.41 min Scan# 735

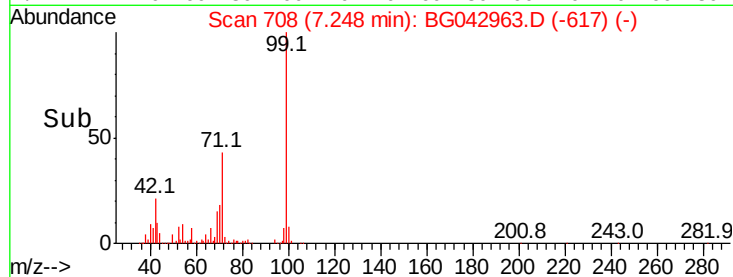
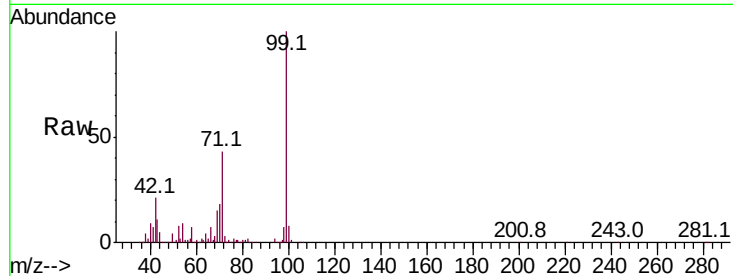
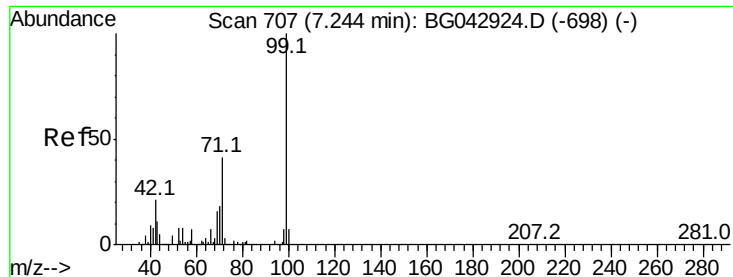
Delta R.T. 0.00 min

Lab File: BG042963.D

Acq: 1 Oct 2019 5:08

Tgt Ion:	93	Resp:	88664
Ion Ratio	Lower	Upper	
93	100		
66	40.8	35.0	52.6
65	22.7	17.4	26.0





#7

Phenol-d6

Concen: 134.433 ng

RT: 7.25 min Scan# 708

Delta R.T. 0.00 min

Lab File: BG042963.D

Acq: 1 Oct 2019 5:08

Tot Ion	99	Ratio	100	Resp	771134
Ion	99	100		Lower	Upper
	42	20.8		17.2	25.8
	71	43.0		33.1	49.7

Instrument :

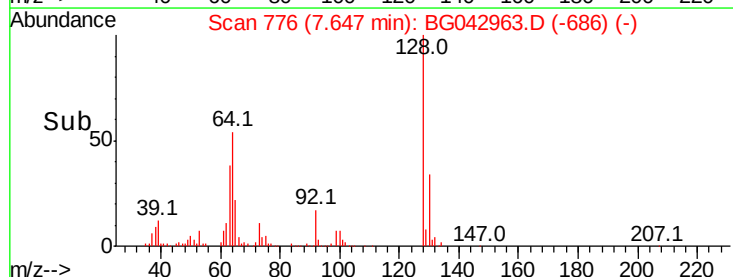
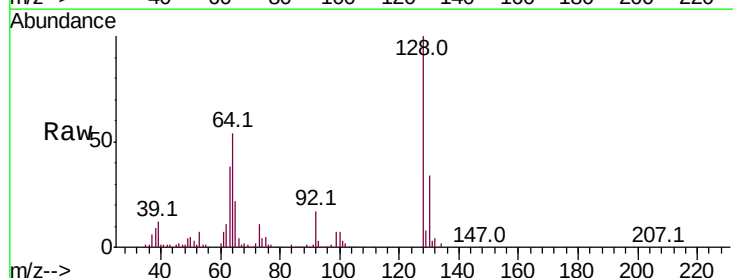
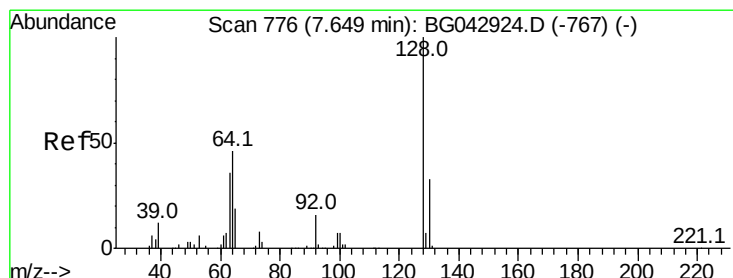
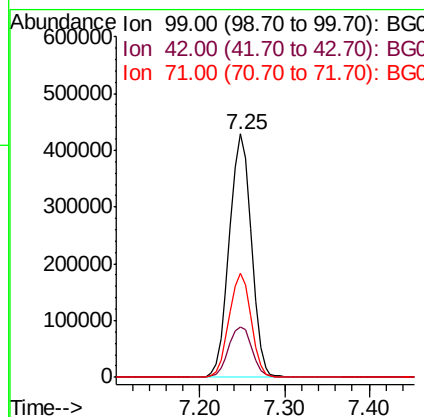
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#8

2-Chlorophenol

Concen: 47.953 ng

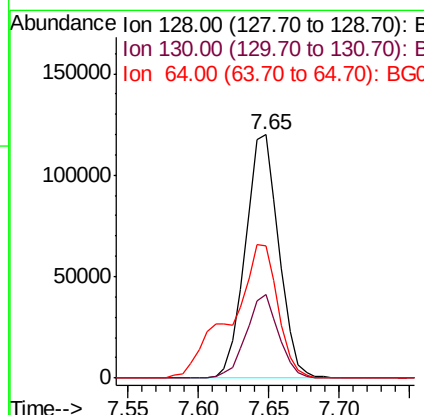
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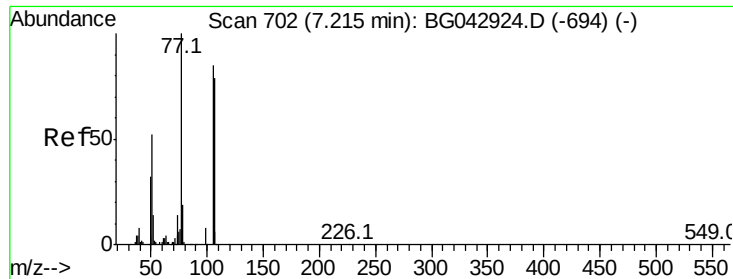
Delta R.T. -0.00 min

Lab File: BG042963.D

Acq: 1 Oct 2019 5:08

Tgt Ion	128	Ratio	100	Resp	199201
Ion	128	100		Lower	Upper
	130	34.2		12.5	52.5
	64	54.4		32.8	72.8





#9

Benzaldehyde

Concen: 11.791 ng

RT: 7.21 min Scan# 702

Delta R.T. -0.00 min

Lab File: BG042963.D

Acq: 1 Oct 2019 5:08

Instrument :

BNA_G

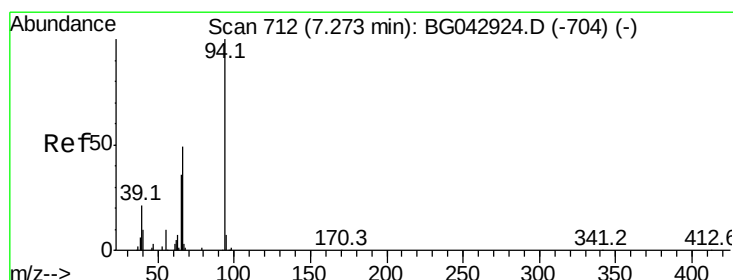
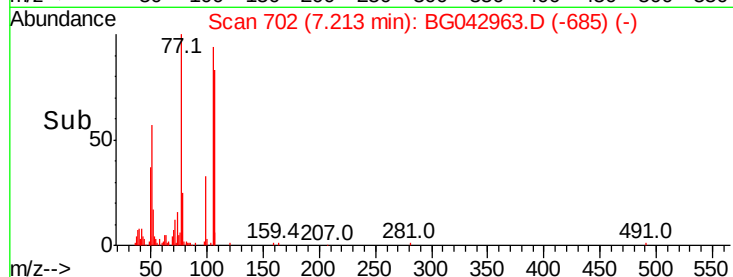
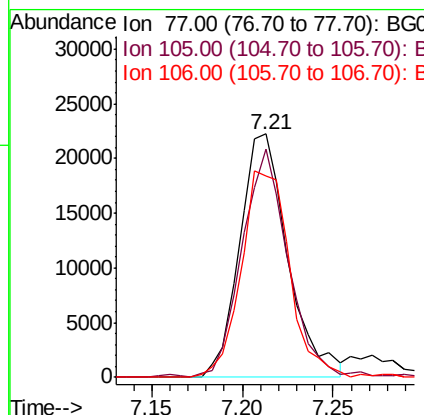
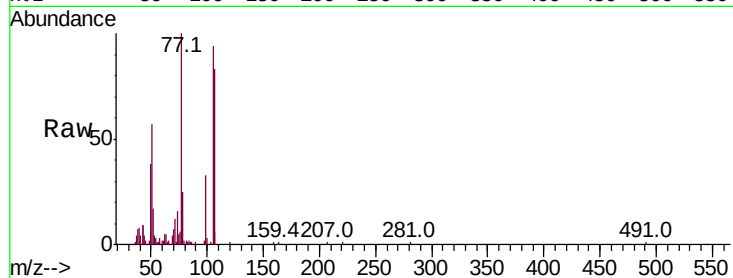
ClientSampleId :

BU-02-092419MS

Tot Ion:	77	Resp:	41330
Ion	Ratio	Lower	Upper
77	100		
105	93.6	64.6	104.6
106	82.9	59.4	99.4

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#10

Phenol

Concen: 50.639 ng

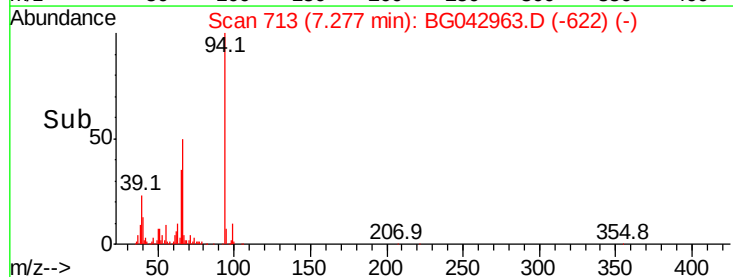
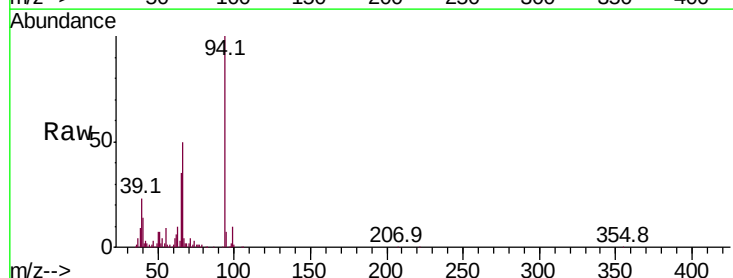
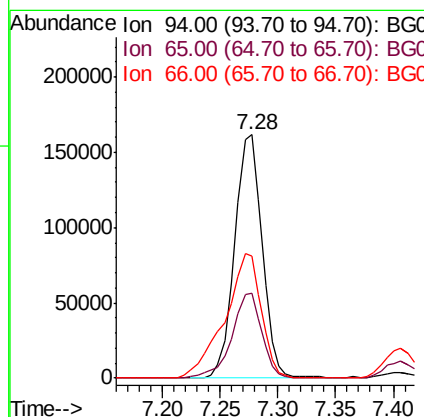
RT: 7.28 min Scan# 713

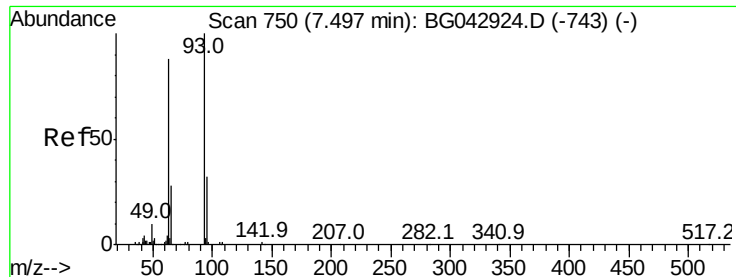
Delta R.T. 0.00 min

Lab File: BG042963.D

Acq: 1 Oct 2019 5:08

Tgt Ion:	94	Resp:	266505
Ion	Ratio	Lower	Upper
94	100		
65	34.9	16.6	56.6
66	50.2	32.4	72.4





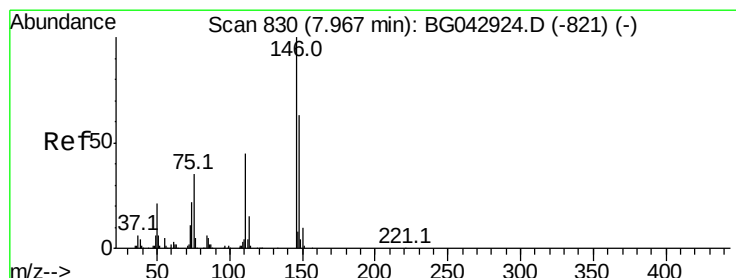
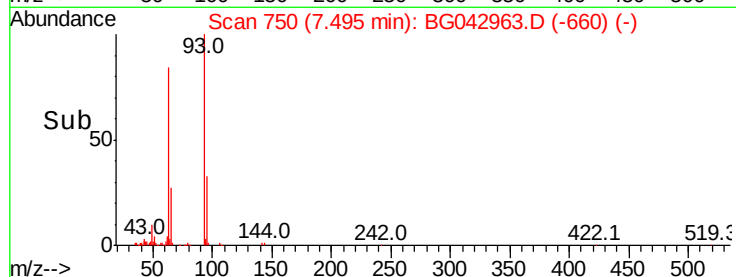
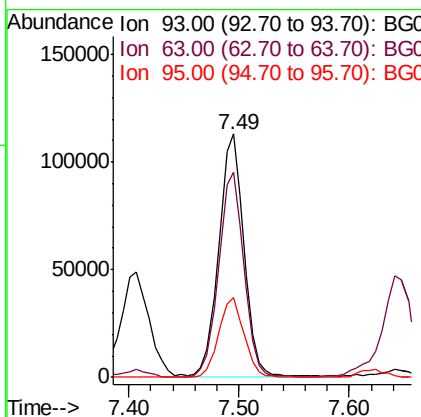
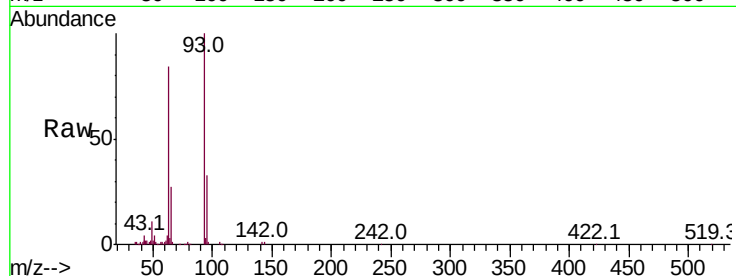
#11
bis(2-Chloroethyl)ether
Concen: 44.348 ng
RT: 7.49 min Scan# 750
Delta R.T. -0.00 min
Lab File: BG042963.D
Acq: 1 Oct 2019 5:08

Instrument :
BNA_G
ClientSampled :
BU-02-092419MS

Tot Ion	Ratio	Resp	Lower	Upper
93	100	180581		
63	84.0		67.4	107.4
95	32.8		11.9	51.9

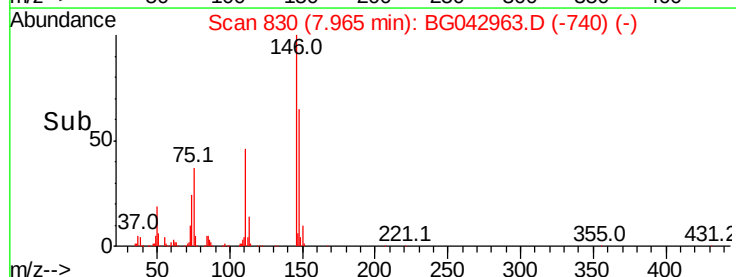
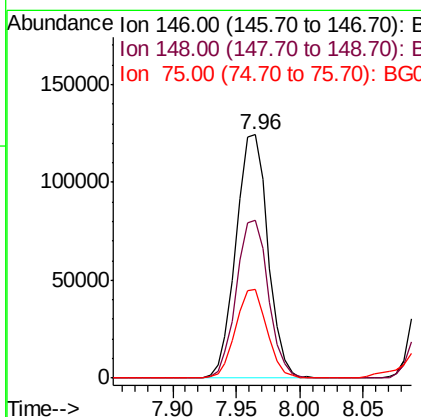
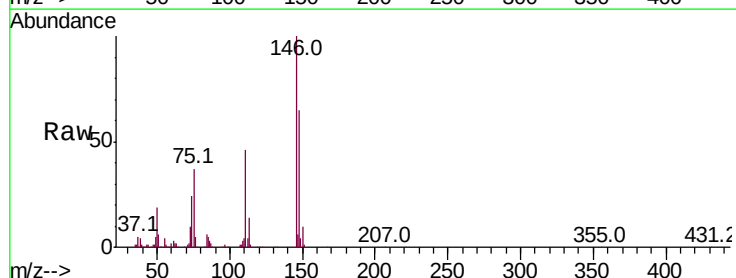
Manual Integrations
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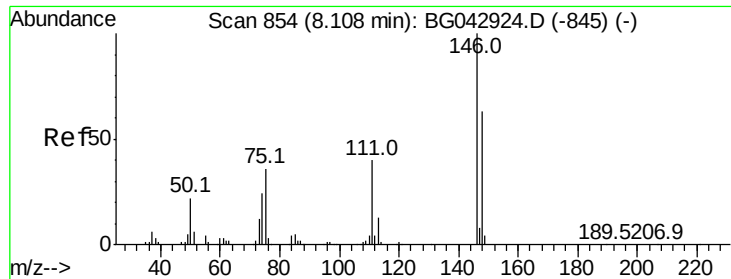
mohammad
10/2/2019 8:33:27 AM



#12
1,3-Dichlorobenzene
Concen: 41.083 ng
RT: 7.96 min Scan# 830
Delta R.T. -0.00 min
Lab File: BG042963.D
Acq: 1 Oct 2019 5:08

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	217710		
148	65.0		50.7	76.1
75	36.7		27.7	41.5





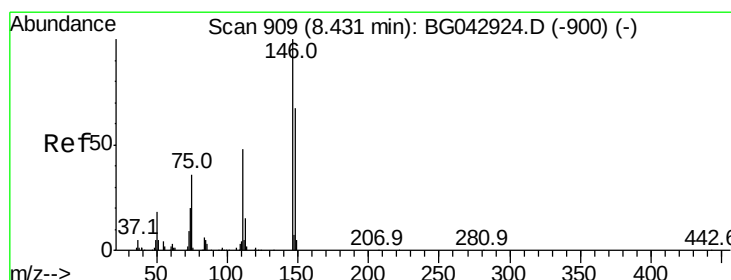
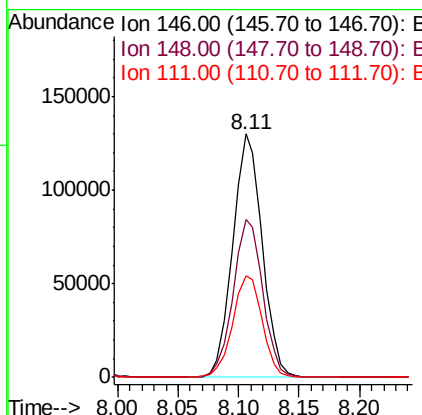
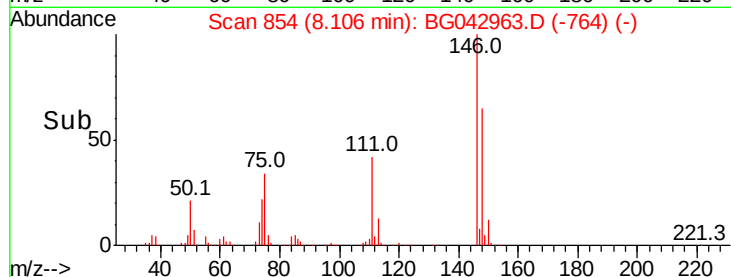
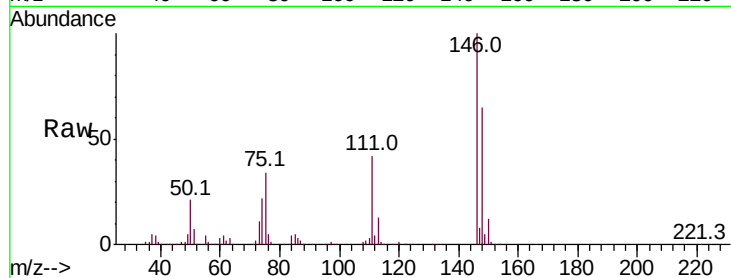
#13
1,4-Dichlorobenzene
Concen: 41.813 ng
RT: 8.11 min Scan# 854
Delta R.T. -0.00 min
Lab File: BG042963.D
Acq: 1 Oct 2019 5:08

Instrument :
BNA_G
ClientSampleId :
BU-02-092419MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.8	50.9	76.3
111	41.6	31.8	47.8

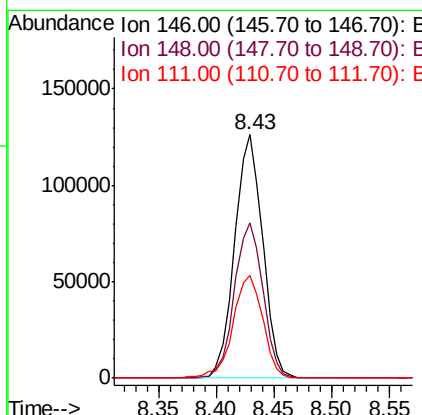
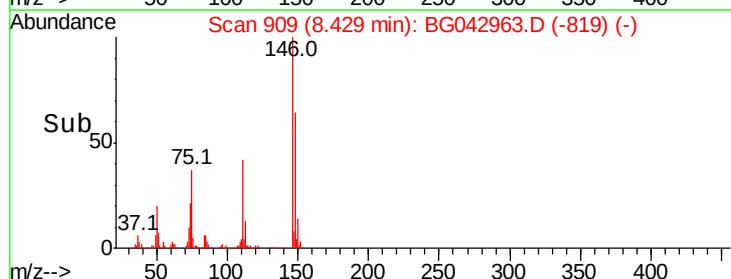
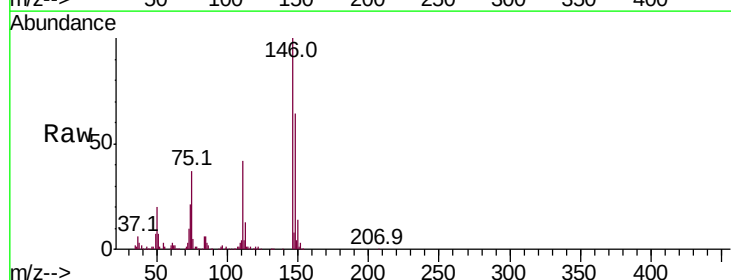
Manual Integrations
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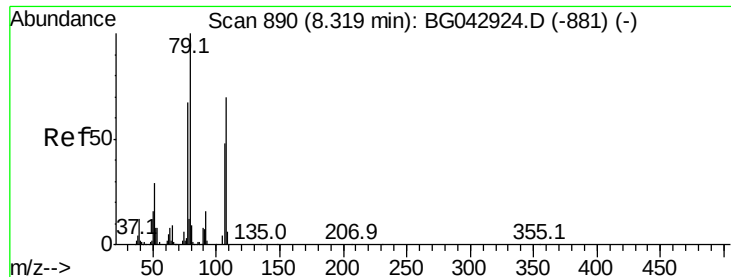
mohammad
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#14
1,2-Dichlorobenzene
Concen: 42.255 ng
RT: 8.43 min Scan# 909
Delta R.T. -0.00 min
Lab File: BG042963.D
Acq: 1 Oct 2019 5:08

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.7	53.4	80.2
111	42.4	38.5	57.7





#15

Benzyl Alcohol

Concen: 47.721 ng

RT: 8.31 min Scan# 889

Delta R.T. -0.01 min

Lab File: BG042963.D

Acq: 1 Oct 2019 5:08

Instrument :

BNA_G

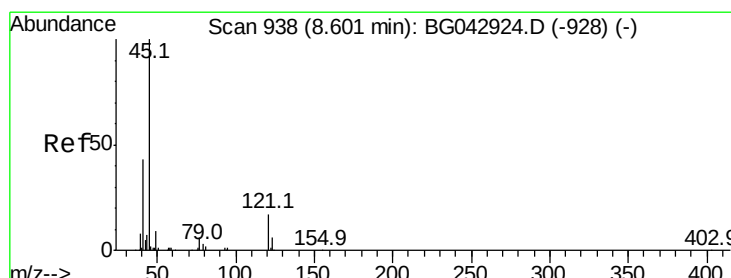
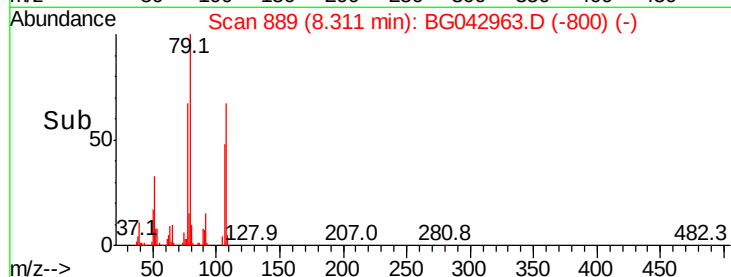
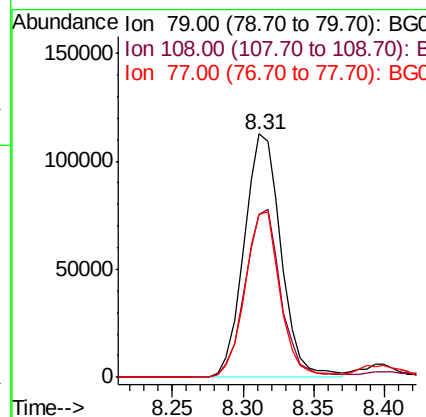
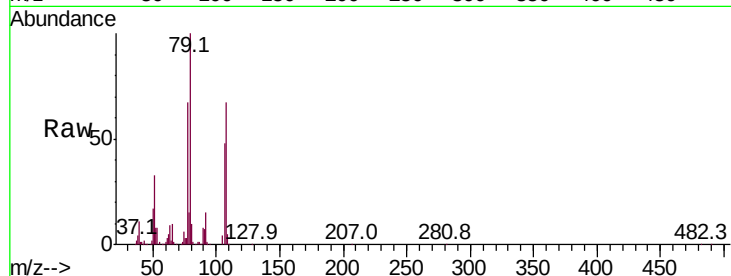
ClientSampleId :

BU-02-092419MS

Tot Ion	Ratio	Lower	Upper
79	100		
108	66.9	55.7	83.5
77	66.9	53.3	79.9

Manual Integrations
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#16

2,2'-oxybis(1-chloropropane)

Concen: 39.623 ng

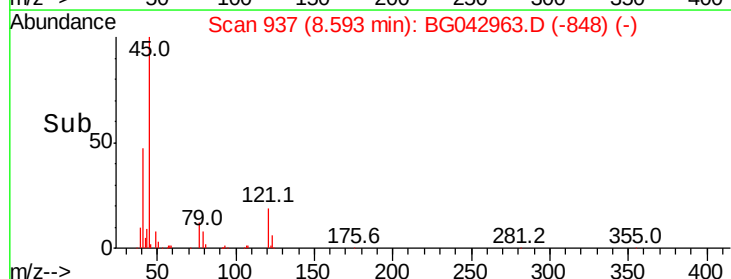
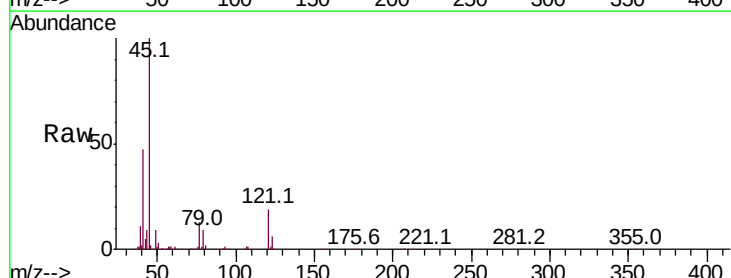
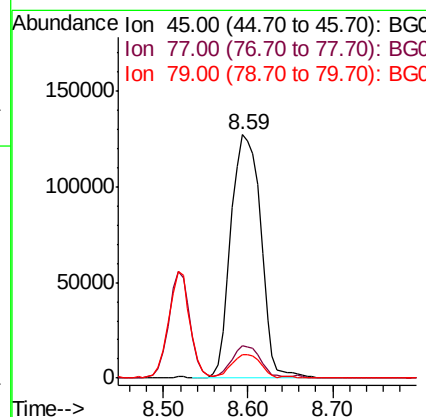
RT: 8.59 min Scan# 937

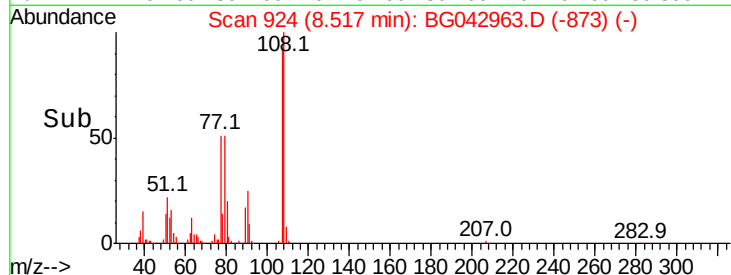
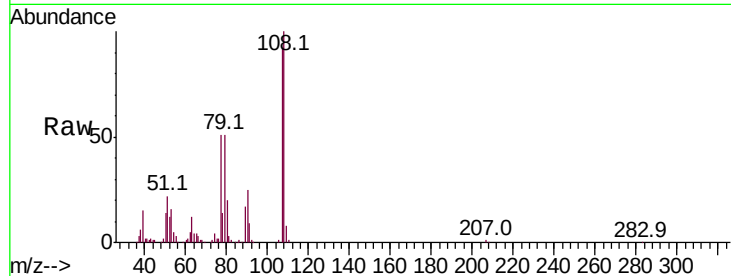
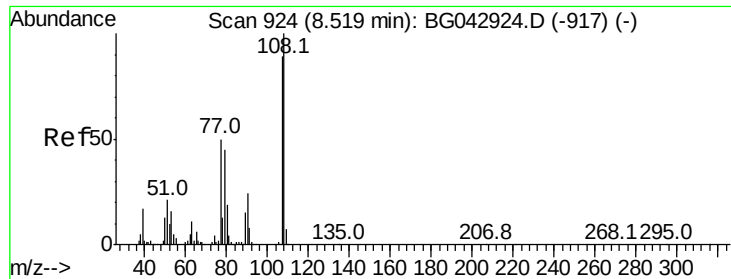
Delta R.T. -0.01 min

Lab File: BG042963.D

Acq: 1 Oct 2019 5:08

Tgt Ion	Ratio	Lower	Upper
45	100		
77	13.3	0.0	32.8
79	9.4	0.0	29.4





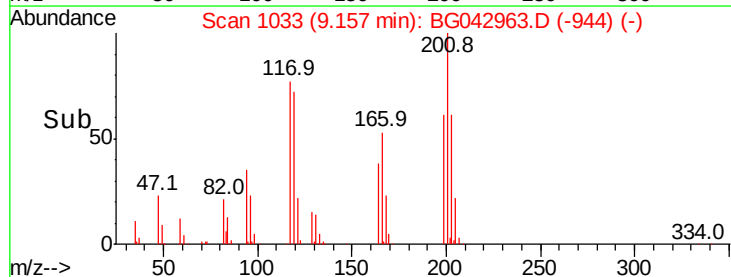
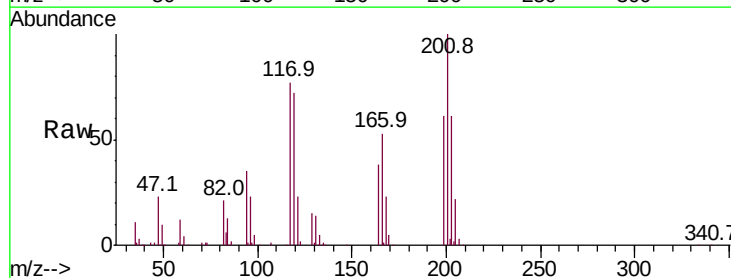
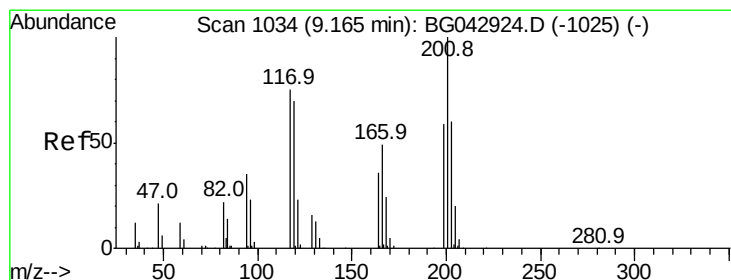
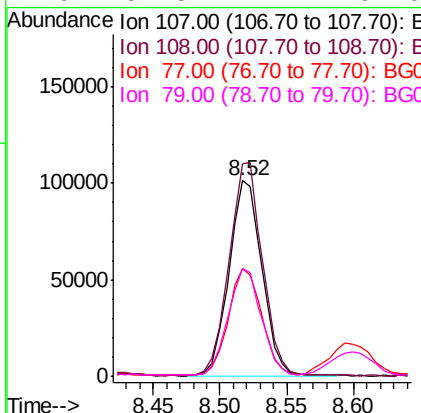
#17
2-Methylphenol
Concen: 47.183 ng
RT: 8.52 min Scan# 924
Delta R.T. -0.00 min
Lab File: BG042963.D
Acq: 1 Oct 2019 5:08

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	108.2	89.9	134.9	
77	54.7	45.4	68.2	
79	54.8	41.4	62.0	

Instrument :
BNA_G
ClientSampleId :
BU-02-092419MS

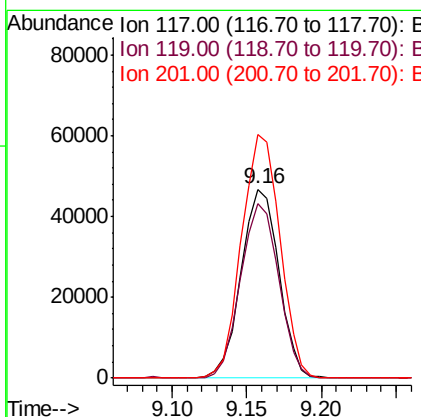
Manual Integrations
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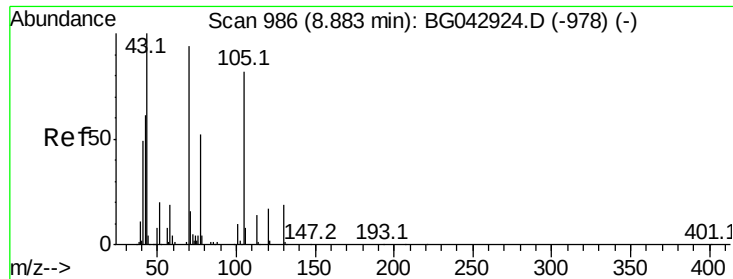
mohammad
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#18
Hexachloroethane
Concen: 41.199 ng
RT: 9.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BG042963.D
Acq: 1 Oct 2019 5:08

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	92.5	74.6	111.8	
201	129.0	106.0	159.0	





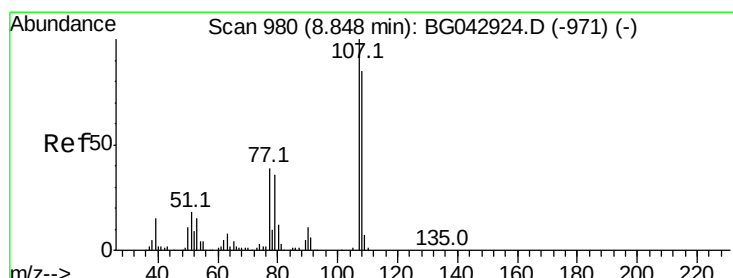
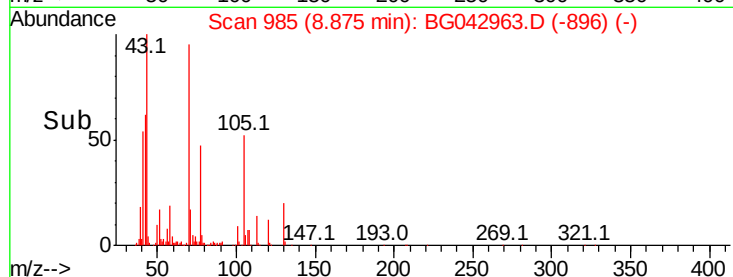
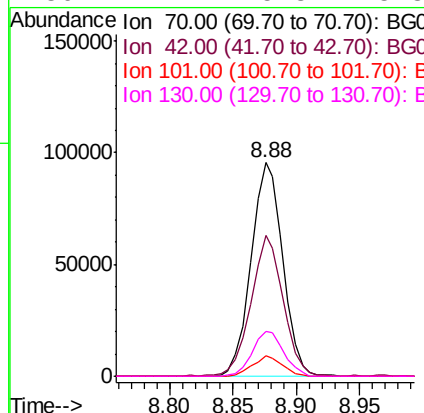
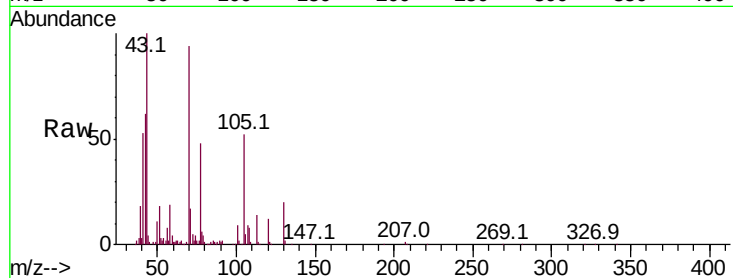
#19
n-Nitroso-di-n-propylamine
Concen: 43.985 ng
RT: 8.88 min Scan# 985
Delta R.T. -0.01 min
Lab File: BG042963.D
Acq: 1 Oct 2019 5:08

Instrument :
BNA_G
ClientSampleId :
BU-02-092419MS

Tot Ion	Ratio	Lower	Upper
70	100		
42	65.7	52.6	79.0
101	9.6	8.7	13.1
130	21.1	15.8	23.8

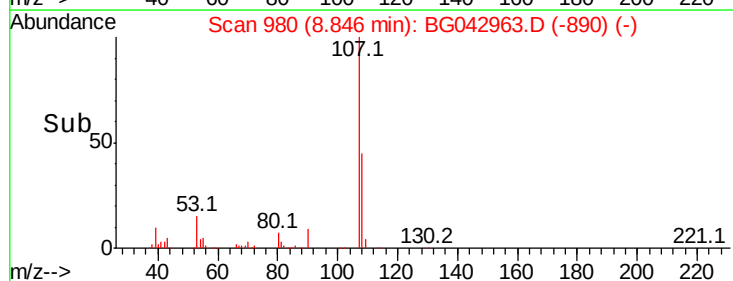
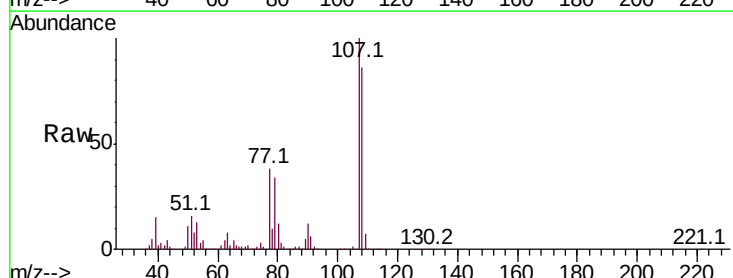
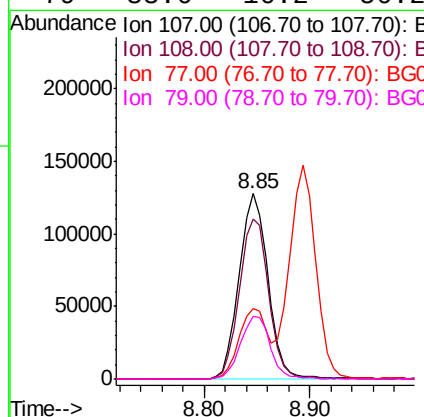
Manual Integrations
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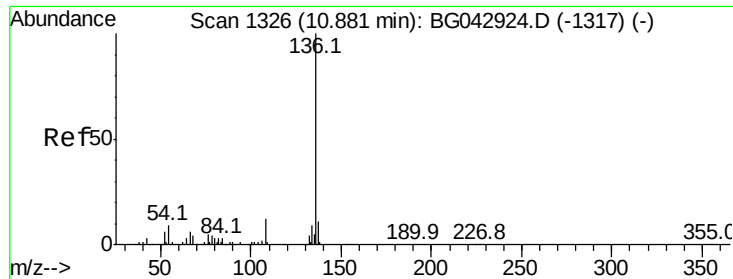
mohammad
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#20
3+4-Methylphenols
Concen: 47.892 ng
RT: 8.85 min Scan# 980
Delta R.T. -0.00 min
Lab File: BG042963.D
Acq: 1 Oct 2019 5:08

Tgt Ion	Ratio	Lower	Upper
107	100		
108	86.3	64.9	104.9
77	38.2	19.4	59.4
79	33.6	16.2	56.2





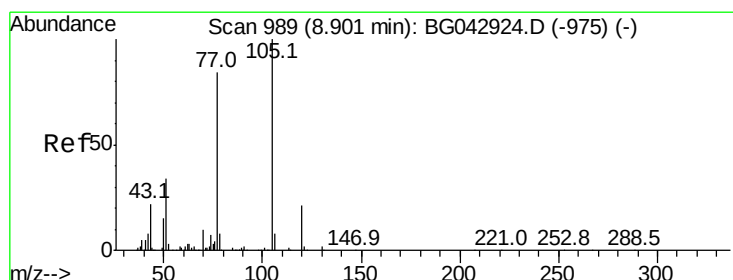
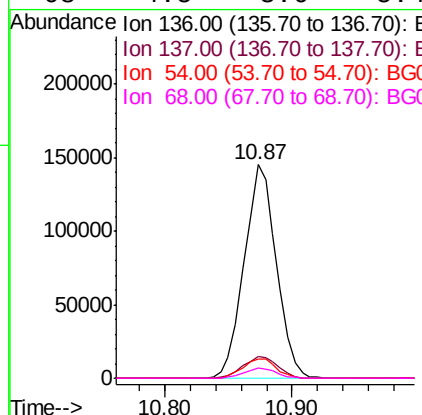
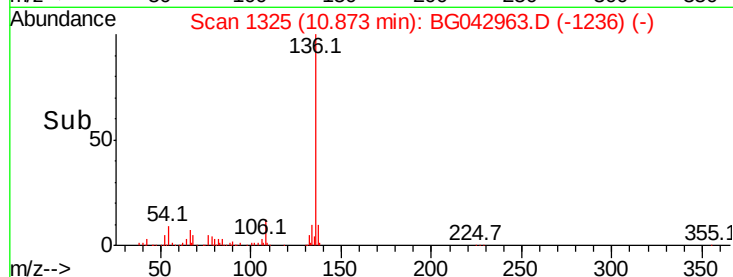
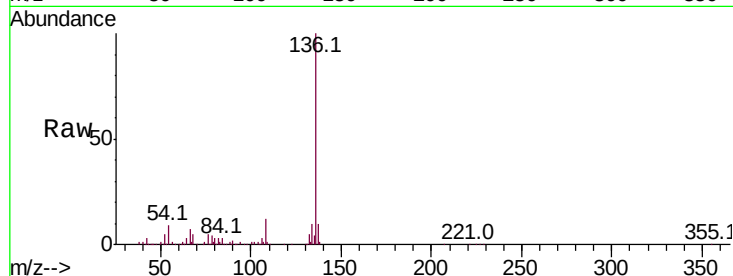
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BG042963.D
Acq: 1 Oct 2019 5:08

Instrument :
BNA_G
ClientSampleId :
BU-02-092419MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	255481		
137	10.2		8.5	12.7
54	8.9		7.4	11.2
68	4.5		3.6	5.4

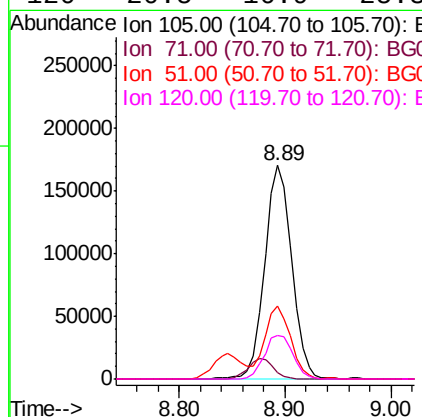
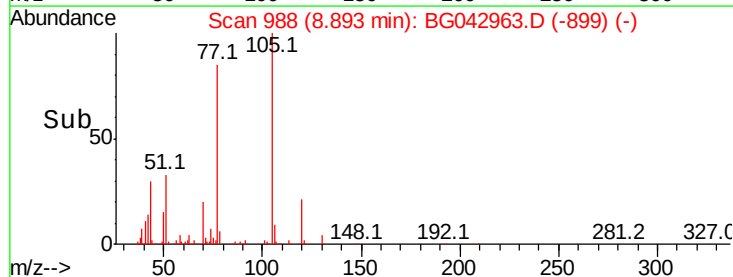
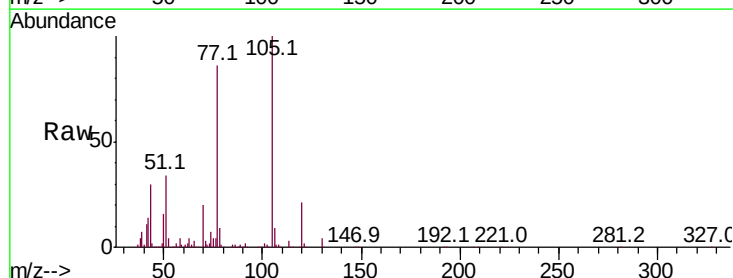
Manual Integrations
APPROVED

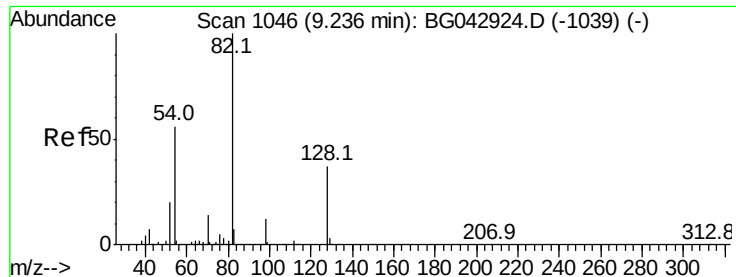
mohammad
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#22
Acetophenone
Concen: 46.043 ng
RT: 8.89 min Scan# 988
Delta R.T. -0.01 min
Lab File: BG042963.D
Acq: 1 Oct 2019 5:08

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	303217		
71	3.1		1.2	1.8#
51	34.0		27.2	40.8
120	20.5		16.9	25.3





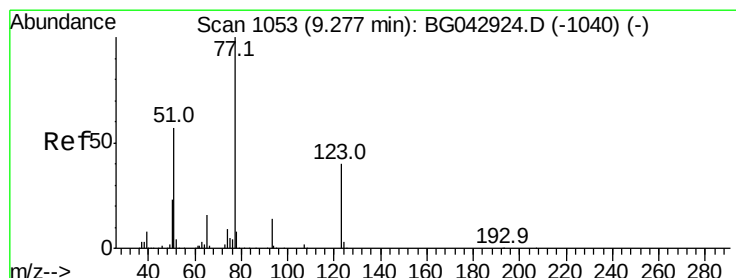
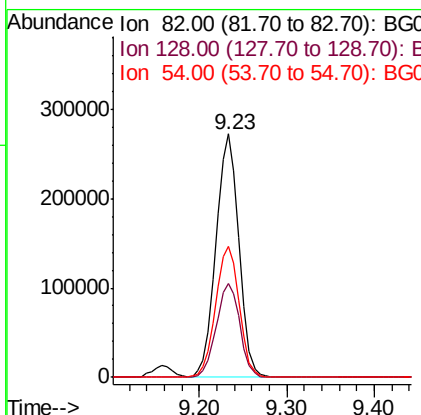
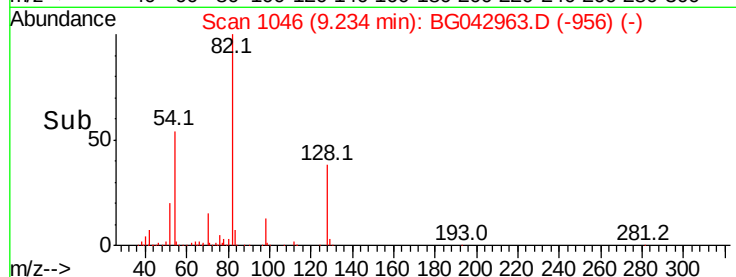
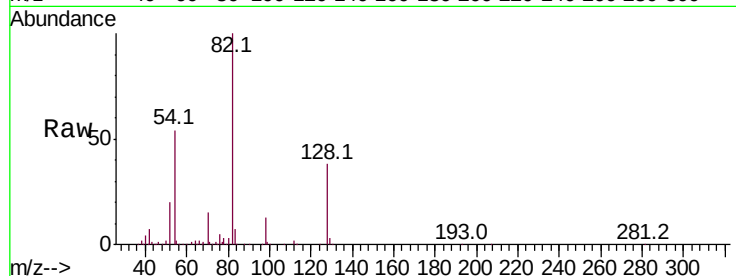
#23
Nitrobenzene-d5
Concen: 94.328 ng
RT: 9.23 min Scan# 1046
Delta R.T. -0.00 min
Lab File: BG042963.D
Acq: 1 Oct 2019 5:08

Instrument :
BNA_G
ClientSampleId :
BU-02-092419MS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	38.4	29.5	44.3	
54	53.8	44.6	67.0	

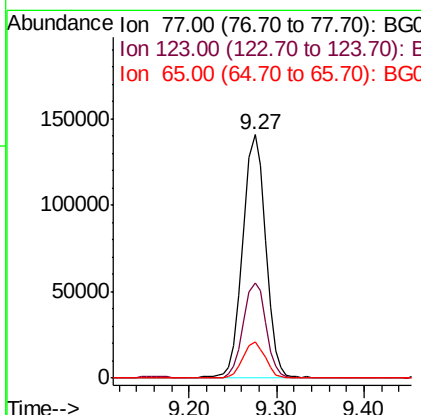
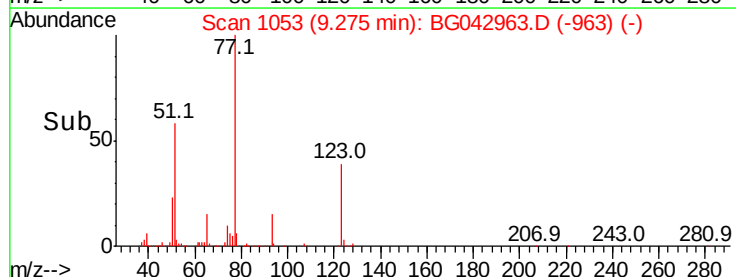
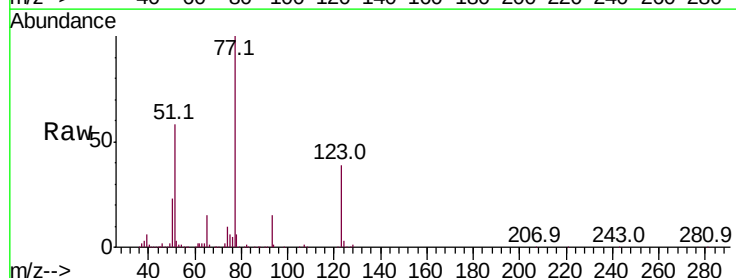
Manual Integrations
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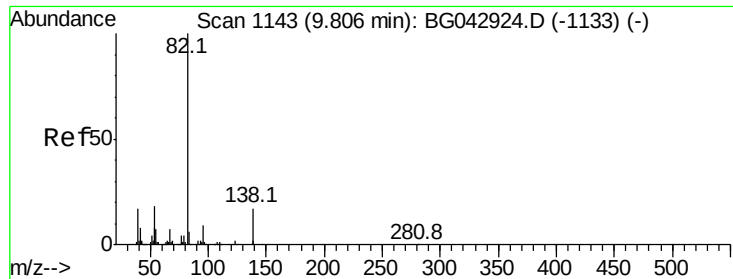
mohammad
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#24
Nitrobenzene
Concen: 49.386 ng
RT: 9.27 min Scan# 1053
Delta R.T. -0.00 min
Lab File: BG042963.D
Acq: 1 Oct 2019 5:08

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	39.2	31.9	47.9	
65	15.0	12.4	18.6	





#25

Isophorone

Concen: 48.995 ng

RT: 9.80 min Scan# 1142

Delta R.T. -0.01 min

Lab File: BG042963.D

Acq: 1 Oct 2019 5:08

Instrument :

BNA_G

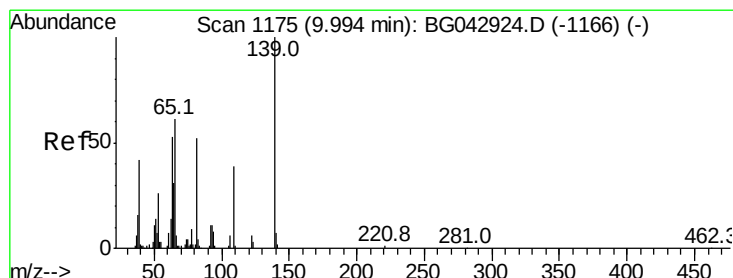
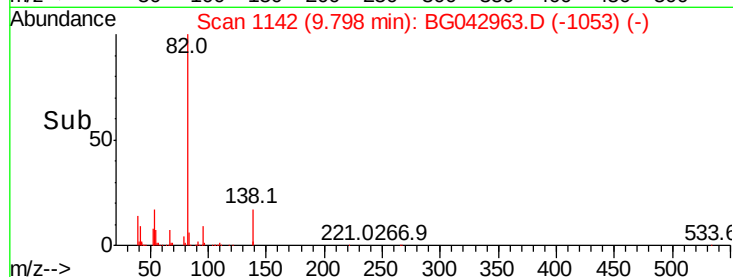
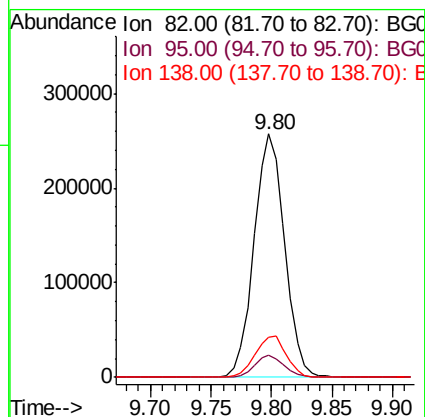
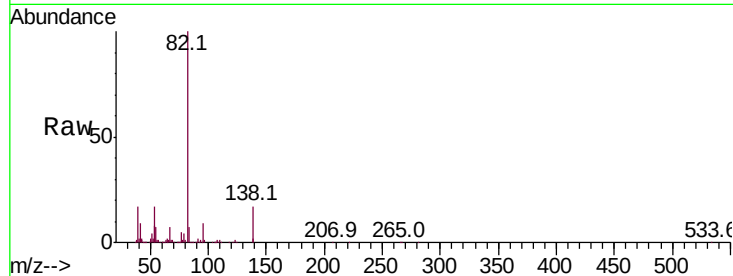
ClientSampleId :

BU-02-092419MS

Tot Ion:	82	Resp:	452364
Ion Ratio	Lower	Upper	
82	100		
95	8.9	7.0	10.4
138	16.7	13.8	20.6

Manual Integrations
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#26

2-Nitrophenol

Concen: 54.030 ng

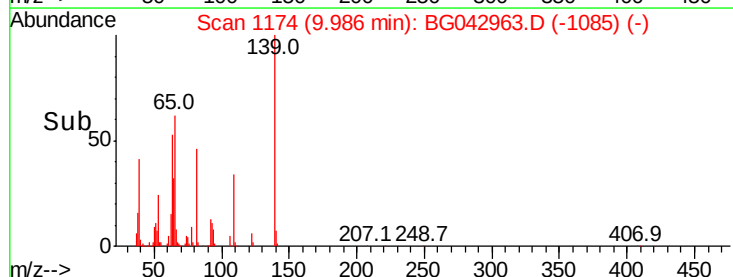
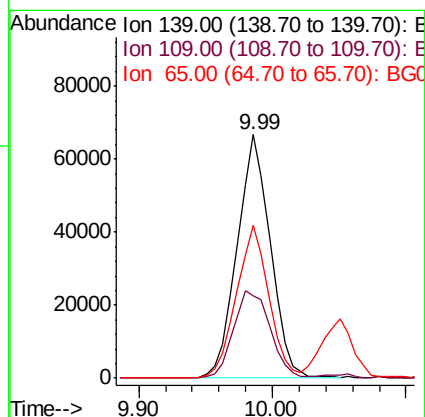
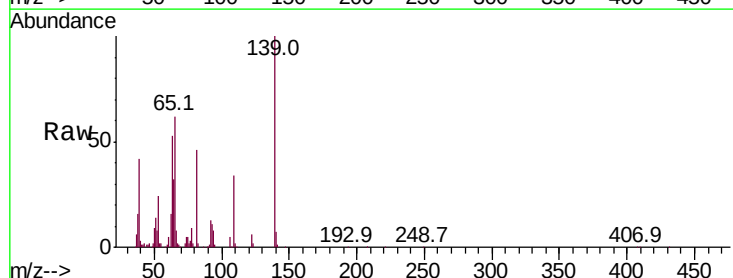
RT: 9.99 min Scan# 1174

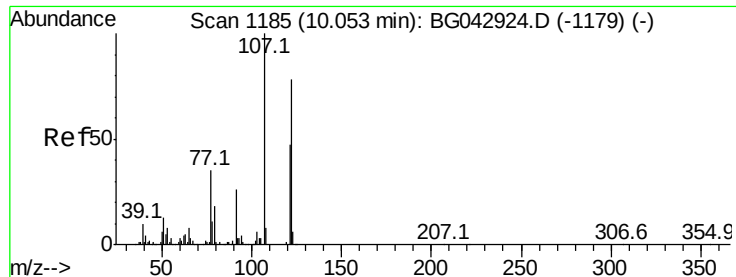
Delta R.T. -0.01 min

Lab File: BG042963.D

Acq: 1 Oct 2019 5:08

Tgt Ion:	139	Resp:	115316
Ion Ratio	Lower	Upper	
139	100		
109	33.7	31.0	46.6
65	62.5	48.4	72.6





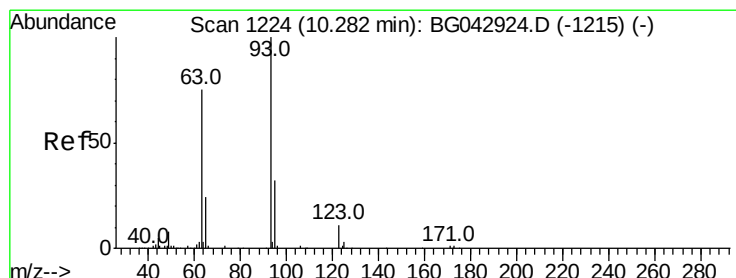
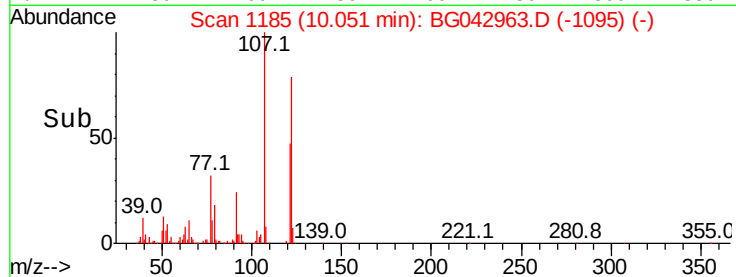
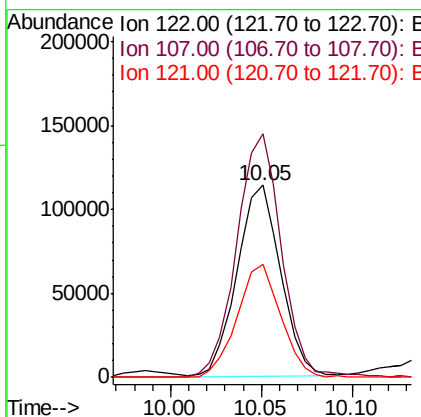
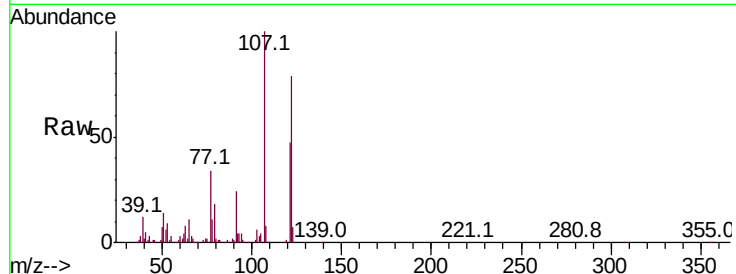
#27
2,4-Dimethylphenol
Concen: 57.986 ng
RT: 10.05 min Scan# 1185
Delta R.T. -0.00 min
Lab File: BG042963.D
Acq: 1 Oct 2019 5:08

Instrument :
BNA_G
ClientSampleId :
BU-02-092419MS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	190060		
107	126.6	102.2	153.2	
121	58.9	48.5	72.7	

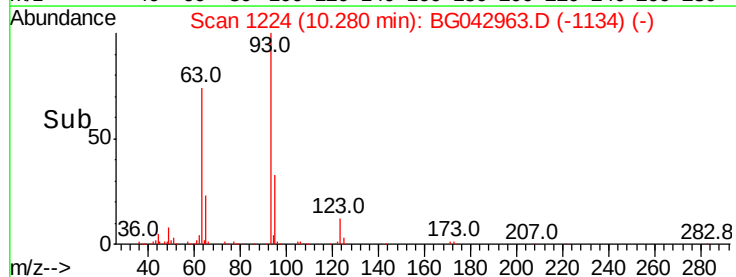
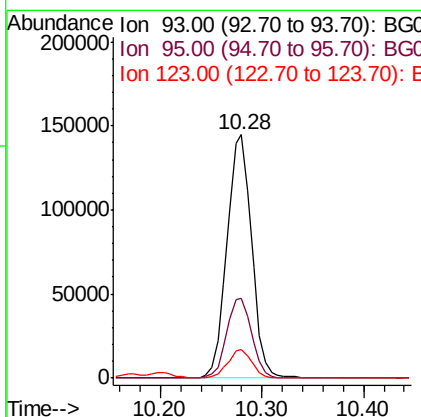
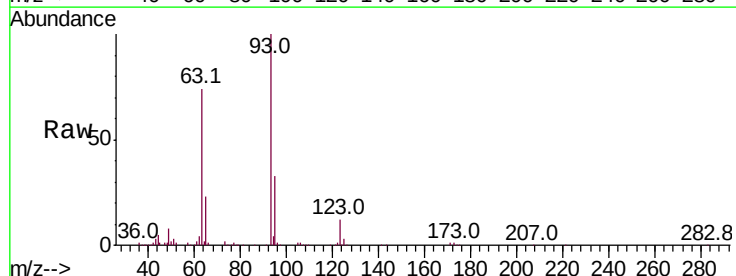
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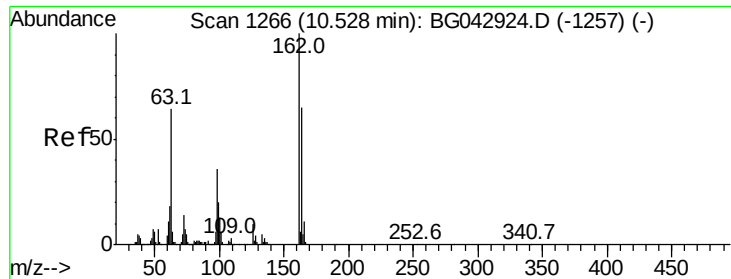
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 46.596 ng
RT: 10.28 min Scan# 1224
Delta R.T. -0.00 min
Lab File: BG042963.D
Acq: 1 Oct 2019 5:08

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	244085		
95	32.7	25.4	38.0	
123	12.0	9.3	13.9	





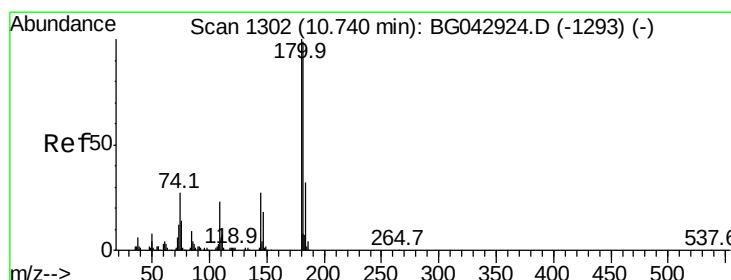
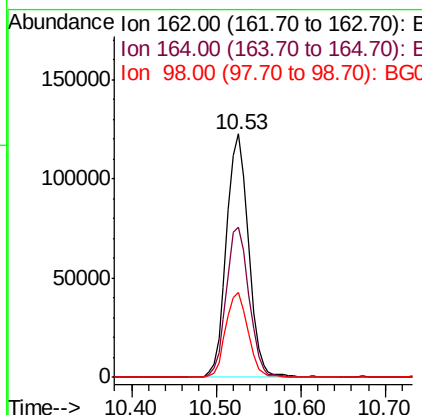
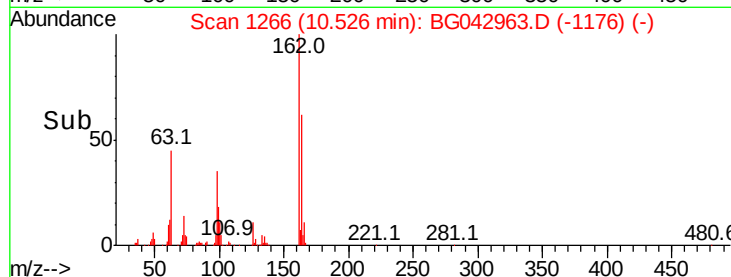
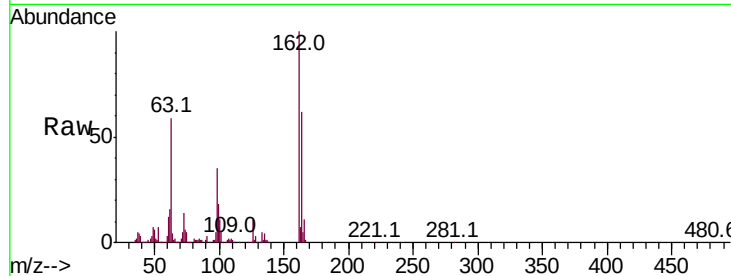
#29
 2,4-Dichlorophenol
 Concen: 54.199 ng
 RT: 10.53 min Scan# 1266
 Delta R.T. -0.00 min
 Lab File: BG042963.D
 Acq: 1 Oct 2019 5:08

Instrument :
 BNA_G
 ClientSampleId :
 BU-02-092419MS

Tot Ion	Ratio	Lower	Upper
162	100		
164	61.6	44.7	84.7
98	35.1	16.0	56.0

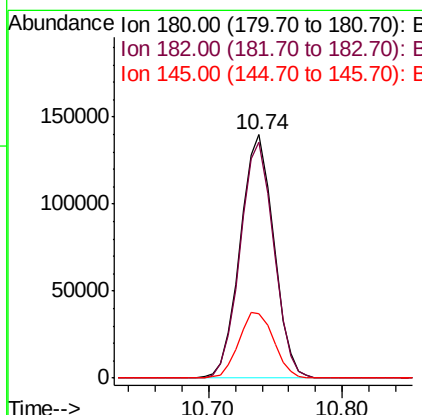
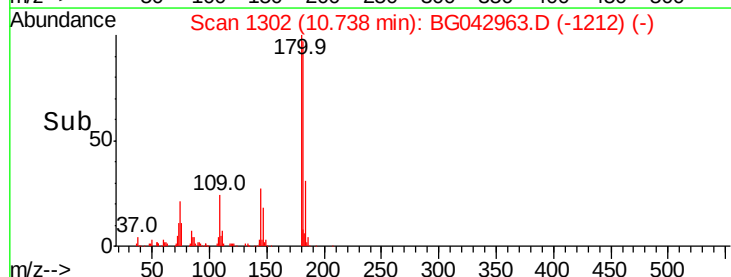
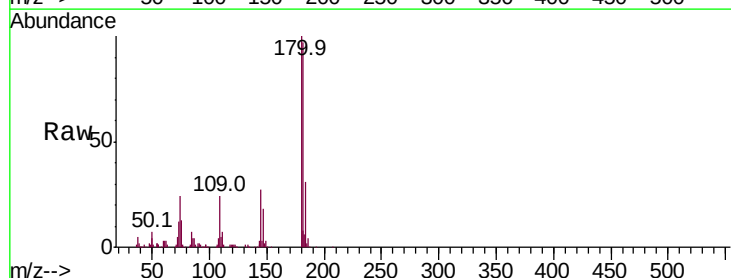
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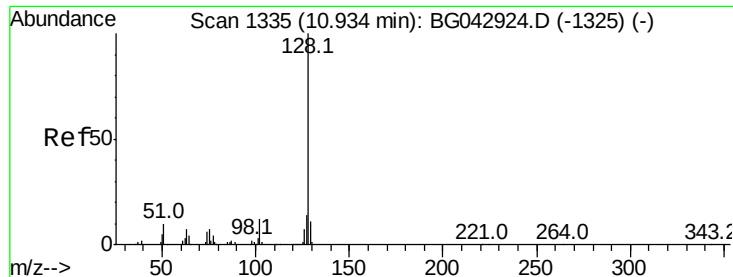
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#30
 1,2,4-Trichlorobenzene
 Concen: 46.225 ng
 RT: 10.74 min Scan# 1302
 Delta R.T. -0.00 min
 Lab File: BG042963.D
 Acq: 1 Oct 2019 5:08

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.8	79.3	118.9
145	26.5	22.0	33.0





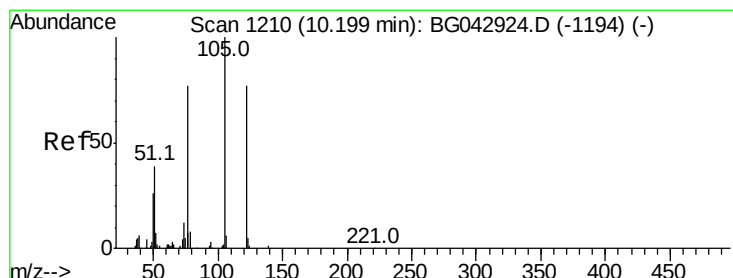
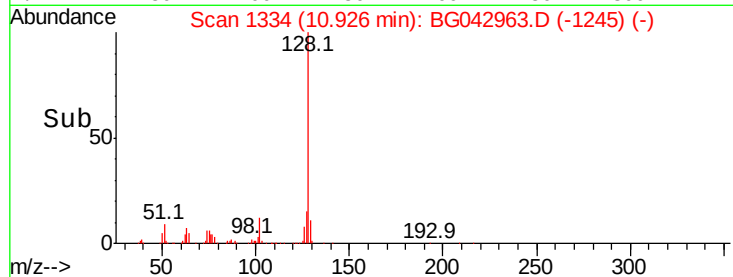
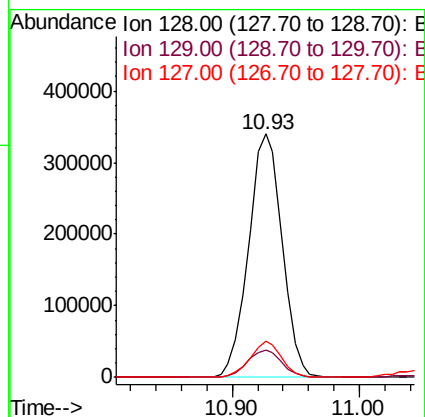
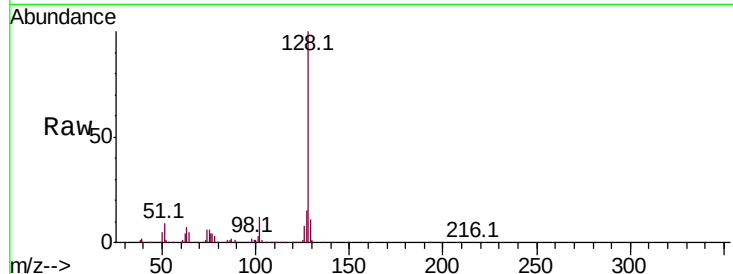
#31
Naphthalene
Concen: 49.729 ng
RT: 10.93 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BG042963.D
Acq: 1 Oct 2019 5:08

Instrument :
BNA_G
ClientSampleId :
BU-02-092419MS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.8	13.2
127	15.0	11.3	16.9

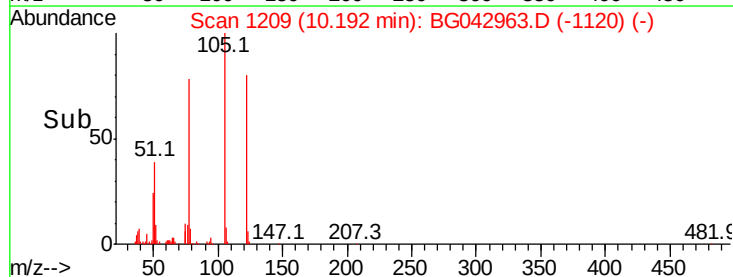
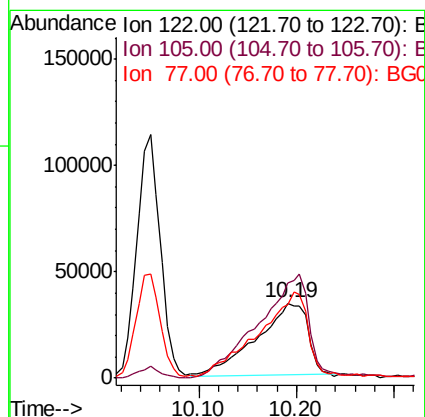
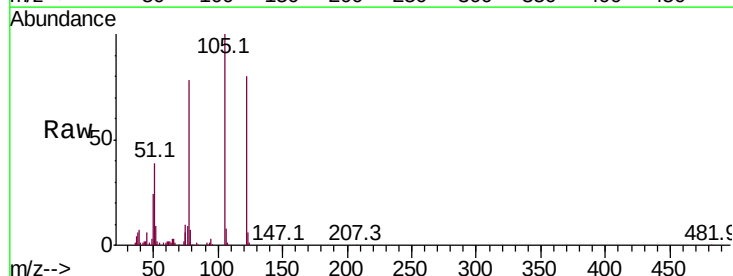
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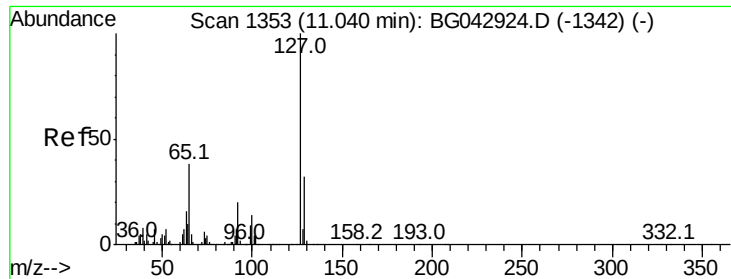
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#32
Benzoic acid
Concen: 48.495 ng
RT: 10.19 min Scan# 1209
Delta R.T. -0.01 min
Lab File: BG042963.D
Acq: 1 Oct 2019 5:08

Tgt Ion	Ratio	Lower	Upper
122	100		
105	125.7	107.5	147.5
77	97.7	79.8	119.8





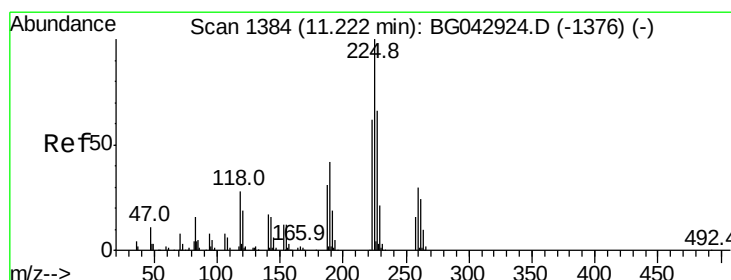
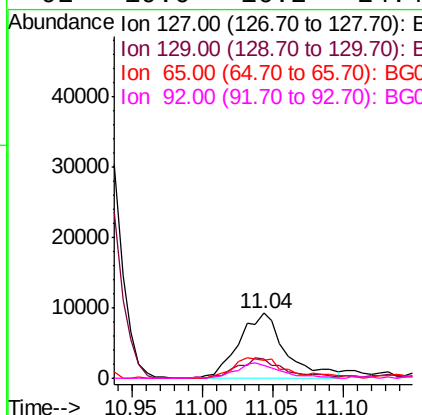
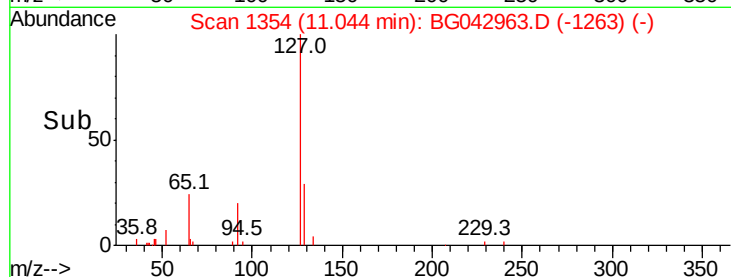
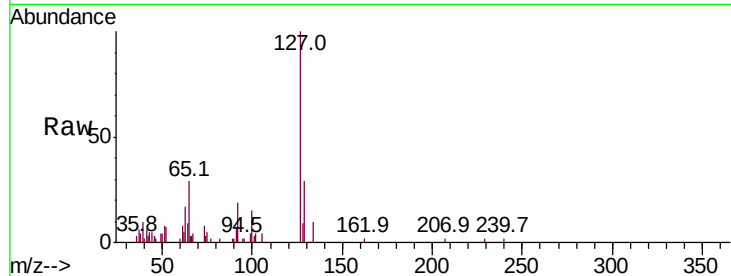
#33
4-Chloroaniline
Concen: 3.923 ng
RT: 11.04 min Scan# 1354
Delta R.T. 0.00 min
Lab File: BG042963.D
Acq: 1 Oct 2019 5:08

Instrument :
BNA_G
ClientSampleId :
BU-02-092419MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	29.0	26.2	39.2		
65	28.5	30.6	45.8		
92	19.0	16.2	24.4		

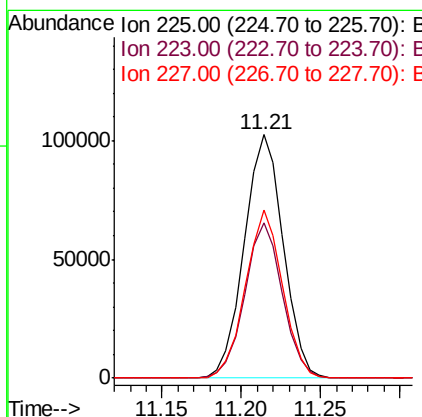
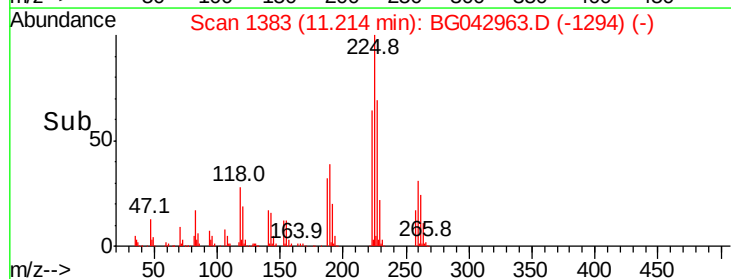
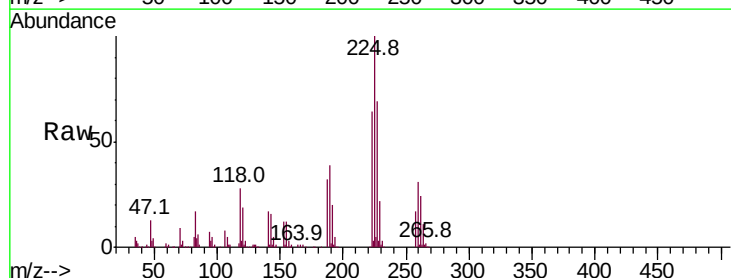
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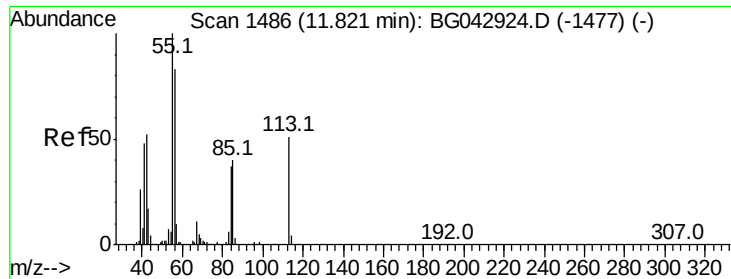
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#34
Hexachlorobutadiene
Concen: 44.420 ng
RT: 11.21 min Scan# 1383
Delta R.T. -0.01 min
Lab File: BG042963.D
Acq: 1 Oct 2019 5:08

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	64.0	49.3	73.9		
227	69.2	52.8	79.2		





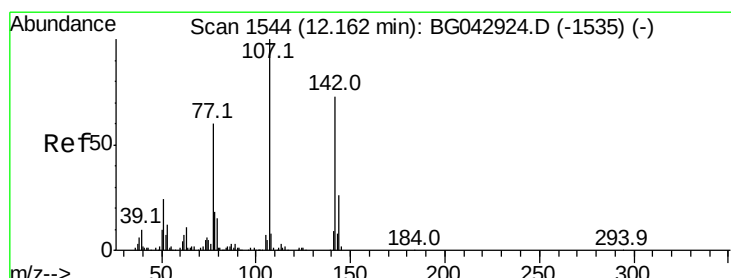
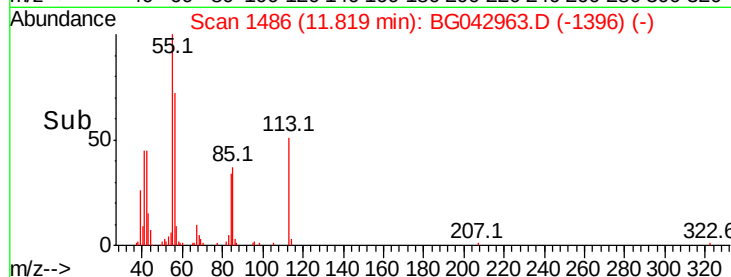
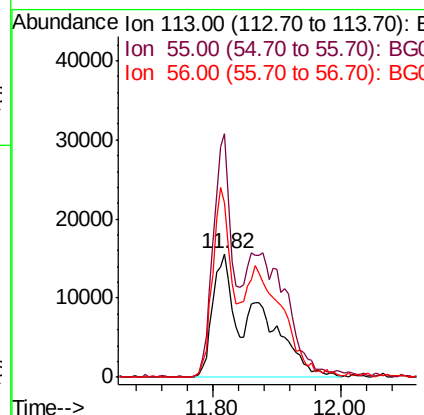
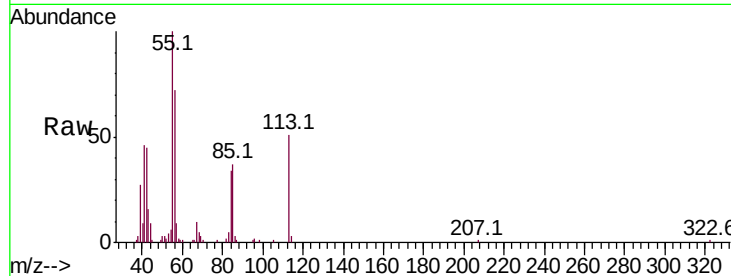
#35
 Caprolactam
 Concen: 49.588 ng/ml
 RT: 11.82 min Scan# 1486
 Delta R.T. -0.00 min
 Lab File: BG042963.D
 Acq: 1 Oct 2019 5:08

Instrument :
 BNA_G
 ClientSampleId :
 BU-02-092419MS

Tot Ion	Ratio	Lower	Upper
113	100		
55	196.8	175.5	215.5
56	140.7	142.3	182.3

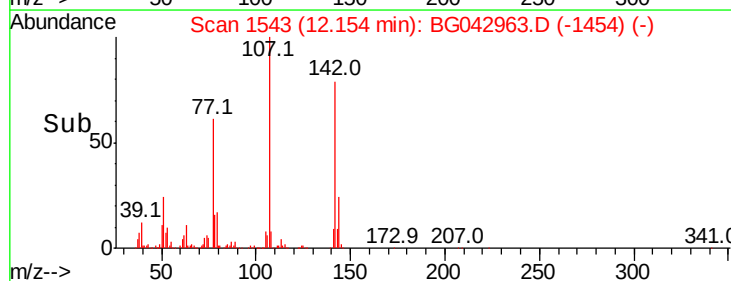
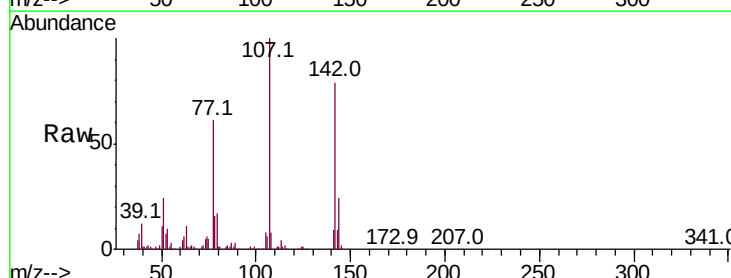
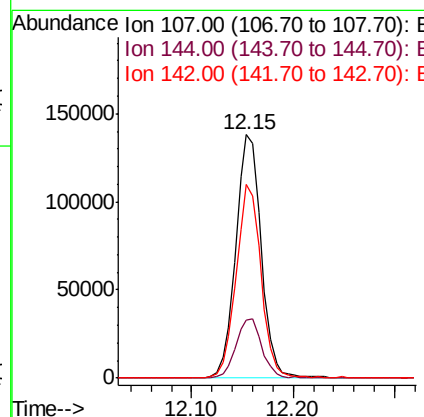
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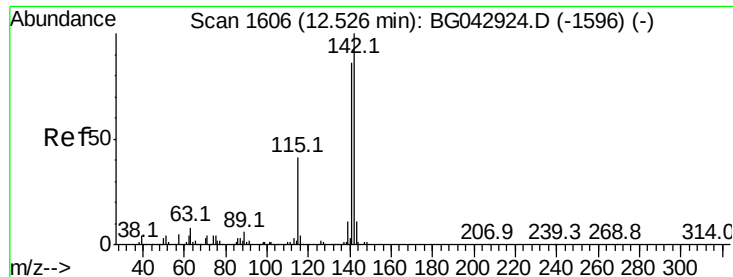
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#36
 4-Chloro-3-methylphenol
 Concen: 54.162 ng/ml
 RT: 12.15 min Scan# 1543
 Delta R.T. -0.01 min
 Lab File: BG042963.D
 Acq: 1 Oct 2019 5:08

Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.0	20.7	31.1
142	79.4	58.6	87.8





#37

2-Methylnaphthalene

Concen: 48.497 ng

RT: 12.52 min Scan# 1606

Delta R.T. -0.00 min

Lab File: BG042963.D

Acq: 1 Oct 2019 5:08

Instrument :

BNA_G

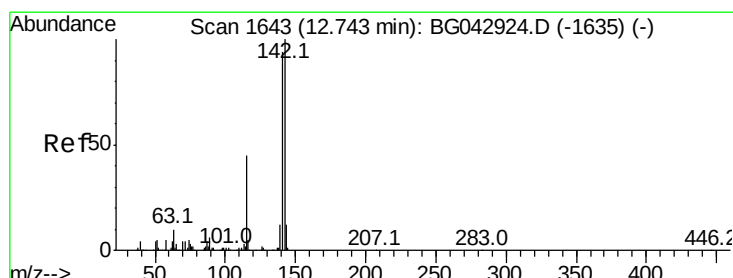
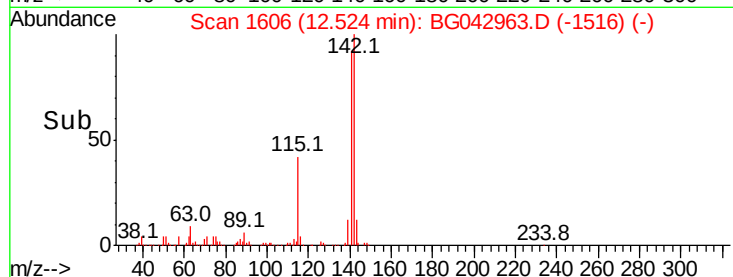
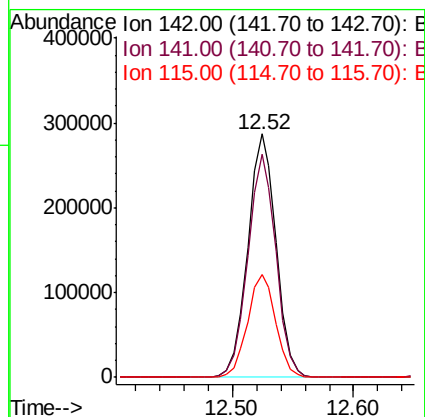
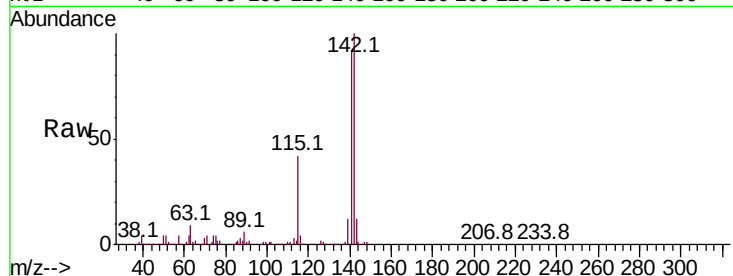
ClientSampleId :

BU-02-092419MS

Tot Ion:	142	Resp:	465293
Ion Ratio	Lower	Upper	
142	100		
141	91.8	69.0	103.4
115	42.2	32.8	49.2

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#38

1-Methylnaphthalene

Concen: 48.685 ng

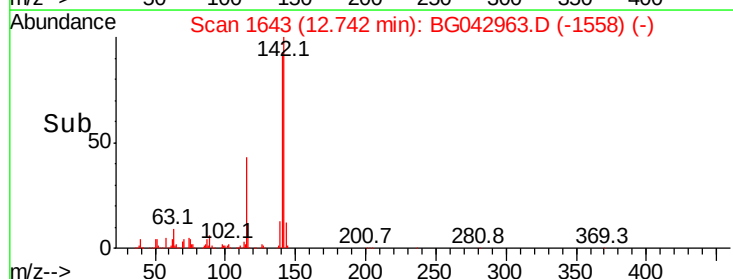
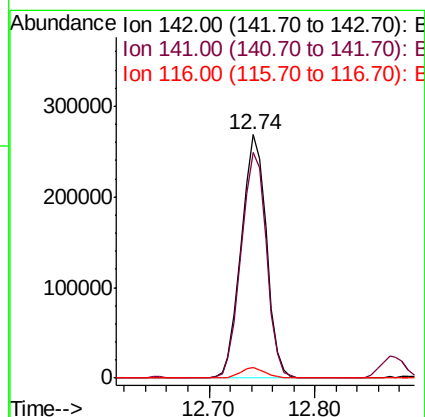
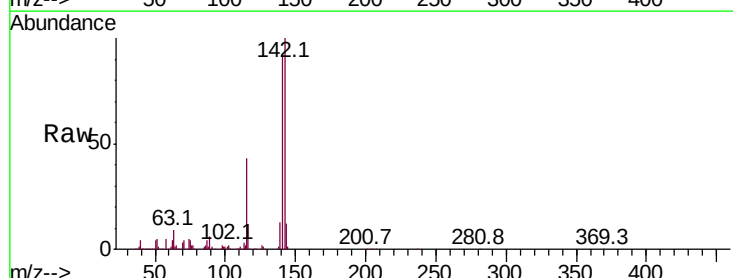
RT: 12.74 min Scan# 1643

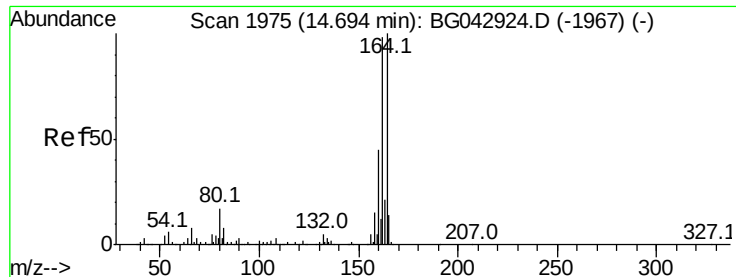
Delta R.T. -0.00 min

Lab File: BG042963.D

Acq: 1 Oct 2019 5:08

Tgt Ion:	142	Resp:	441979
Ion Ratio	Lower	Upper	
142	100		
141	92.7	74.9	112.3
116	4.5	3.7	5.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.69 min Scan# 1975

Delta R.T. -0.00 min

Lab File: BG042963.D

Acq: 1 Oct 2019 5:08

Instrument :

BNA_G

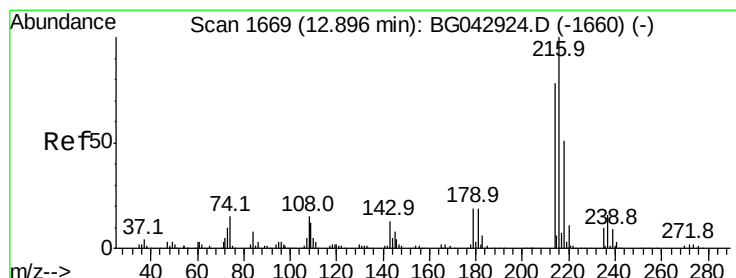
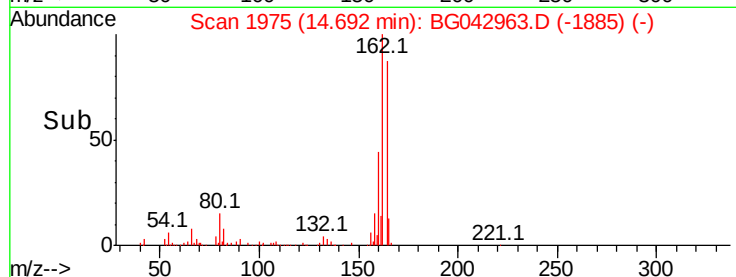
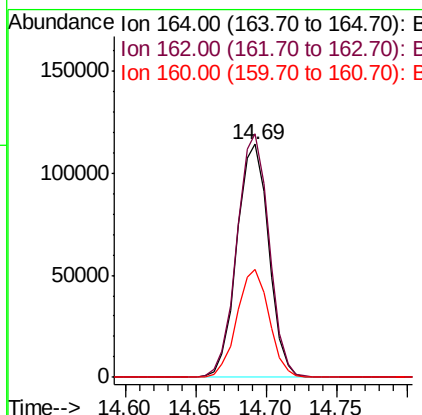
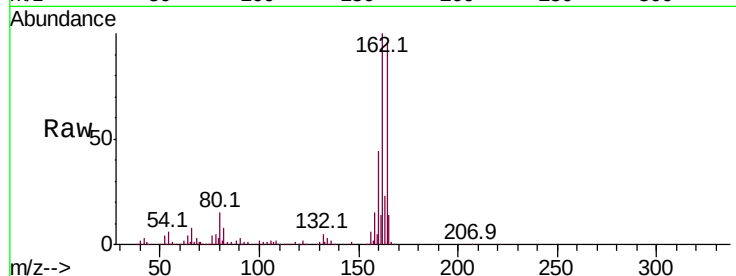
ClientSampleId :

BU-02-092419MS

Tot Ion:	164	Resp:	180669
Ion Ratio	Lower	Upper	
164	100		
162	104.4	78.5	117.7
160	46.0	35.9	53.9

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 45.792 ng

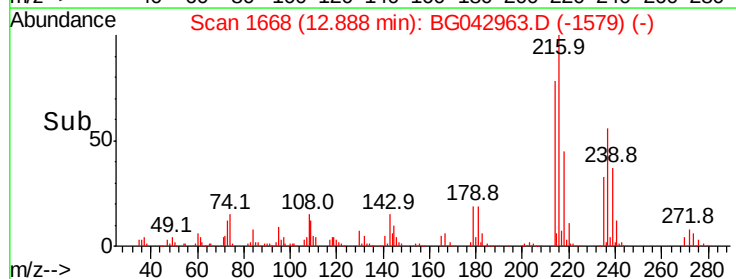
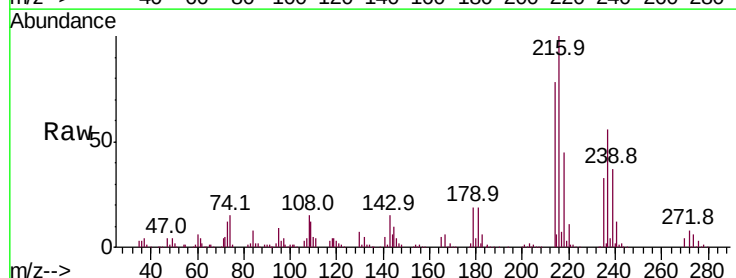
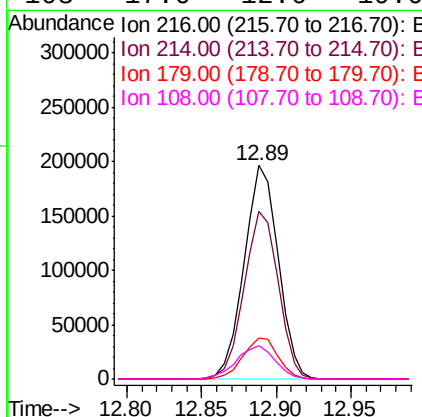
RT: 12.89 min Scan# 1668

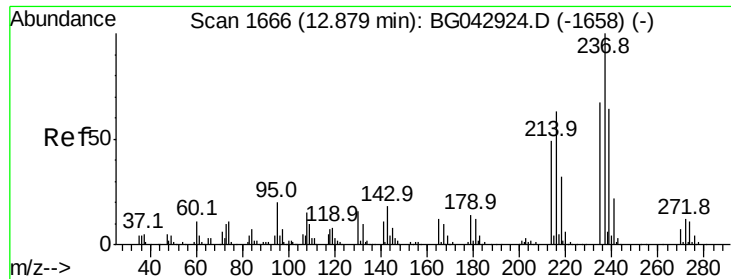
Delta R.T. -0.01 min

Lab File: BG042963.D

Acq: 1 Oct 2019 5:08

Tgt Ion:	216	Resp:	311066
Ion Ratio	Lower	Upper	
216	100		
214	78.7	62.4	93.6
179	19.6	15.4	23.2
108	17.6	12.6	19.0





#41

Hexachlorocyclopentadiene

Concen: 95.071 ng

RT: 12.88 min Scan# 1666

Delta R.T. -0.00 min

Lab File: BG042963.D

Acq: 1 Oct 2019 5:08

Instrument :

BNA_G

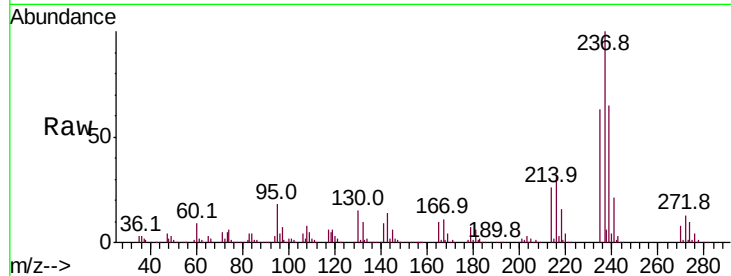
ClientSampleId :

BU-02-092419MS

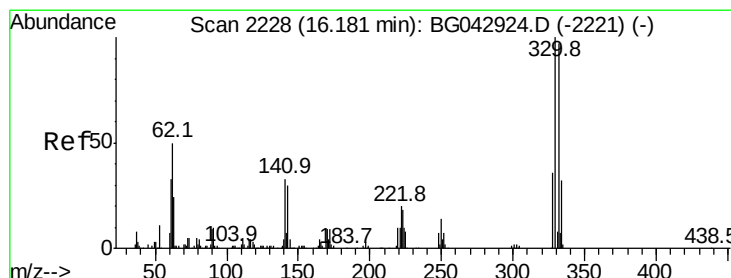
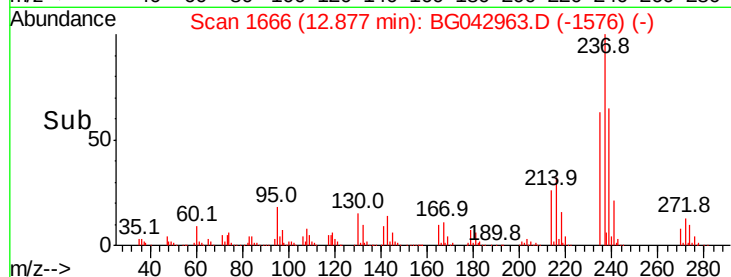
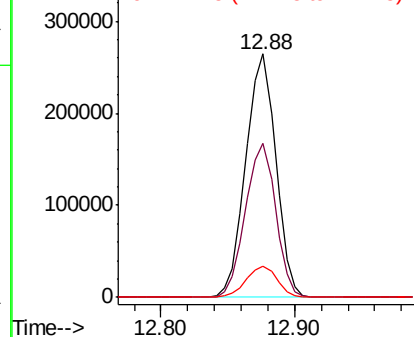
Tot Ion:	237	Resp:	411486
Ion Ratio	Lower	Upper	
237	100		
235	63.5	46.7	86.7
272	12.9	0.0	32.3

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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: 147.406 ng

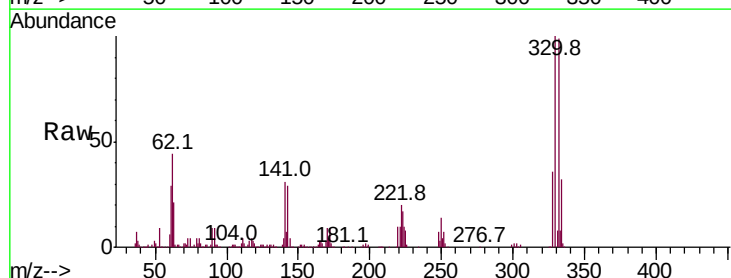
RT: 16.18 min Scan# 2228

Delta R.T. -0.00 min

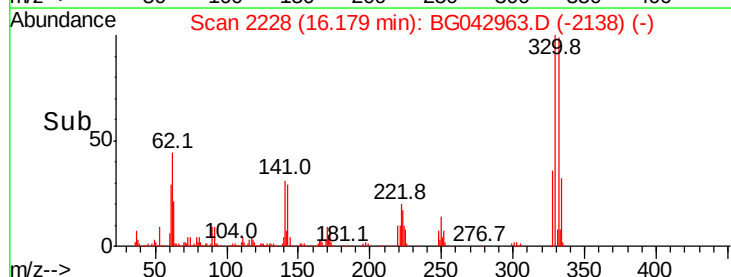
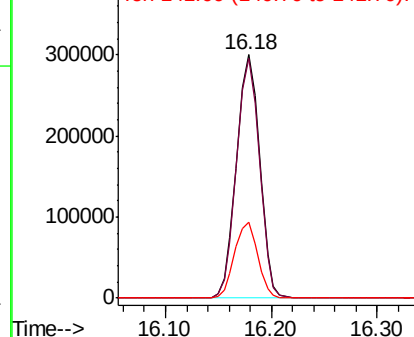
Lab File: BG042963.D

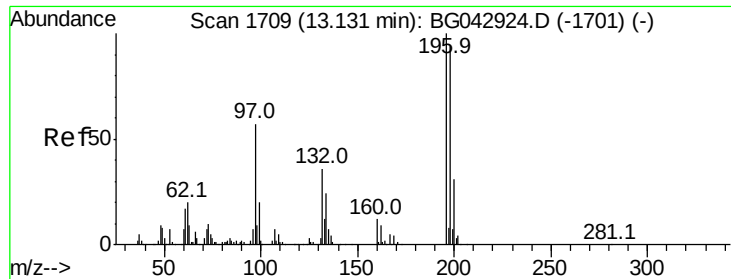
Acq: 1 Oct 2019 5:08

Tgt Ion:	330	Resp:	457950
Ion Ratio	Lower	Upper	
330	100		
332	97.1	78.2	117.2
141	30.9	26.0	39.0



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





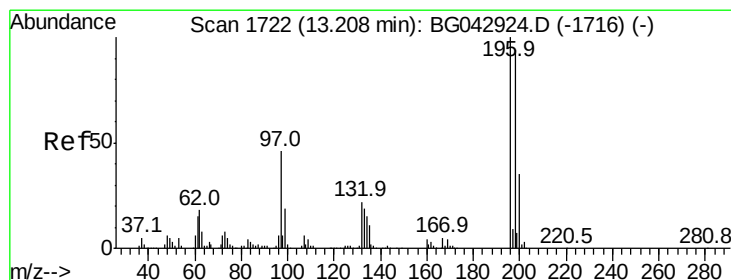
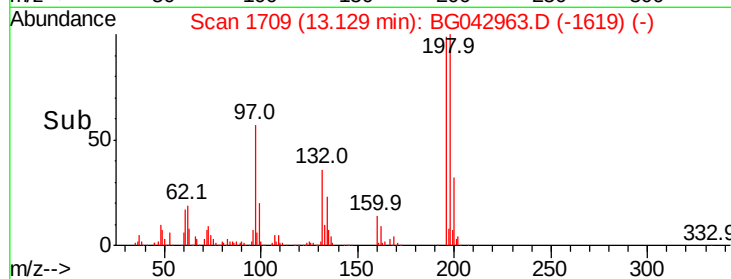
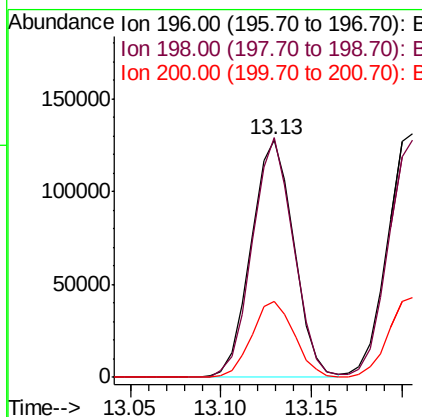
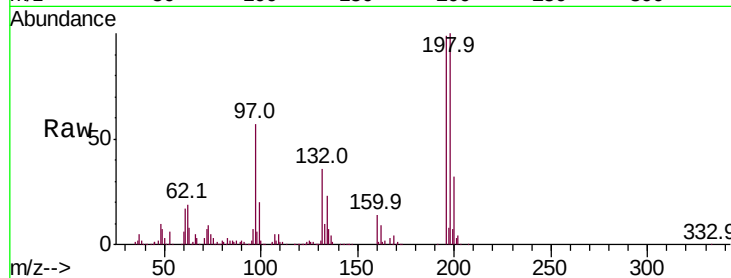
#43
2,4,6-Trichlorophenol
Concen: 52.444 ng
RT: 13.13 min Scan# 1709
Delta R.T. -0.00 min
Lab File: BG042963.D
Acq: 1 Oct 2019 5:08

Instrument :
BNA_G
ClientSampleId :
BU-02-092419MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	208516		
198	100.6	75.5	113.3	
200	31.8	24.9	37.3	

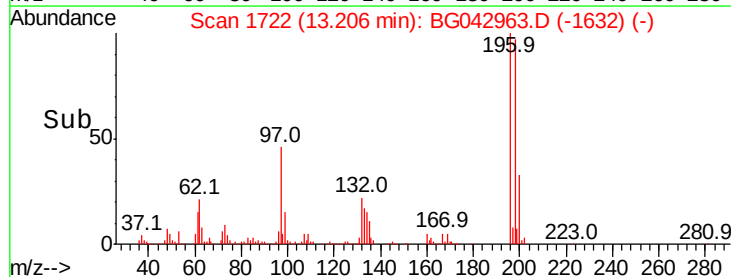
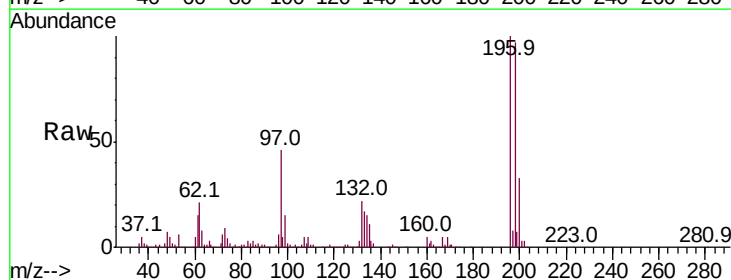
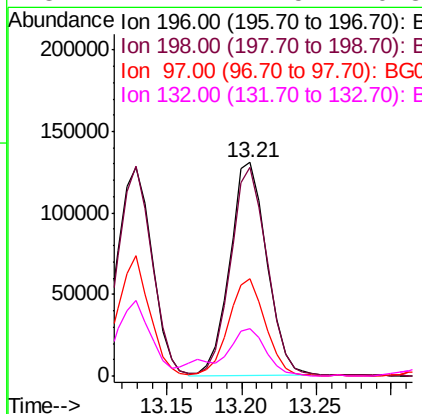
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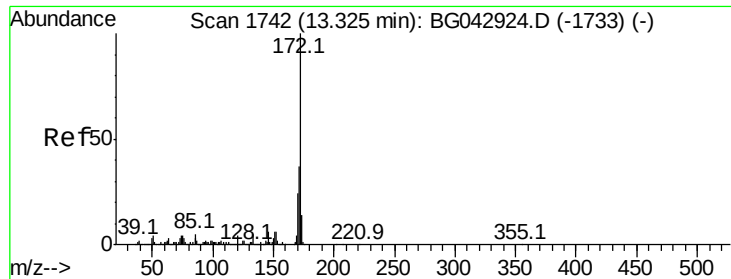
mohammad
10/2/2019 8:33:27 AM



#44
2,4,5-Trichlorophenol
Concen: 54.972 ng
RT: 13.21 min Scan# 1722
Delta R.T. -0.00 min
Lab File: BG042963.D
Acq: 1 Oct 2019 5:08

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	225159		
198	97.4	75.1	112.7	
97	45.7	37.0	55.4	
132	22.1	17.5	26.3	





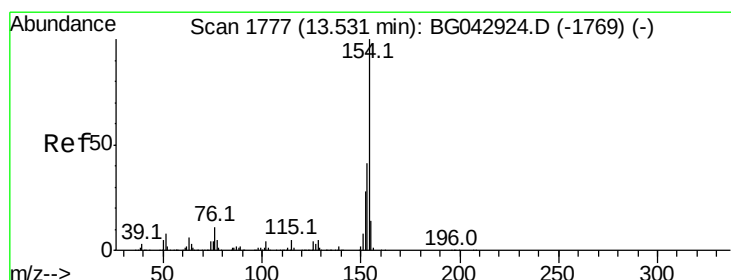
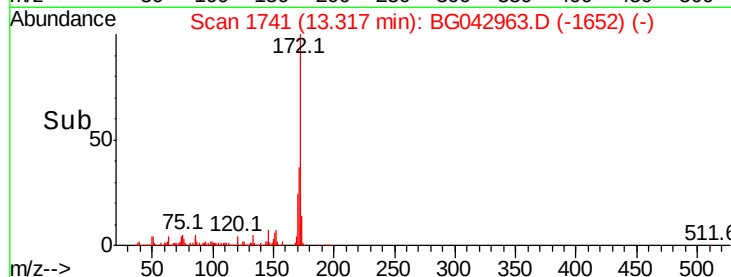
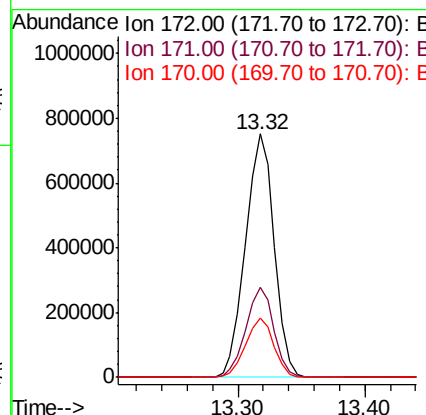
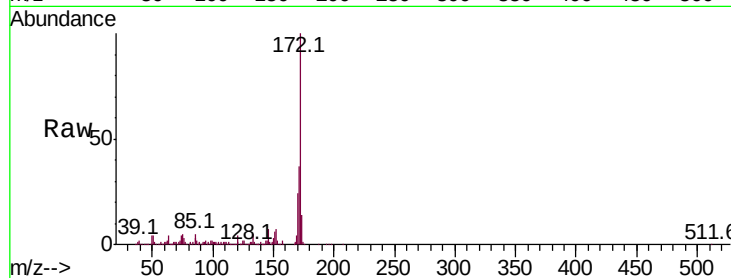
#45
2-Fluorobiphenyl
Concen: 94.614 ng
RT: 13.32 min Scan# 1741
Delta R.T. -0.01 min
Lab File: BG042963.D
Acq: 1 Oct 2019 5:08

Instrument :
BNA_G
ClientSampleId :
BU-02-092419MS

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.0	29.6	44.4
170	24.3	19.6	29.4

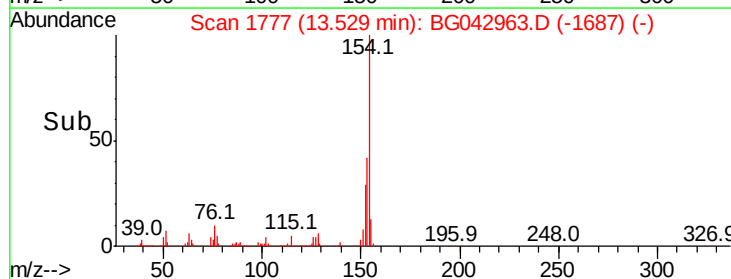
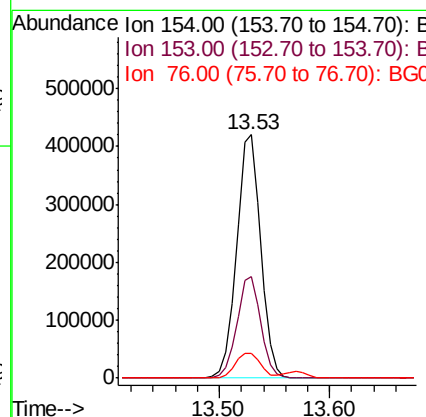
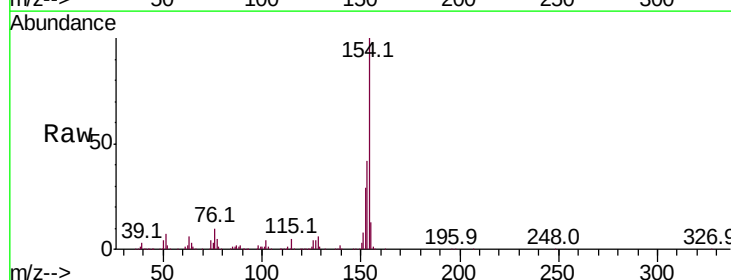
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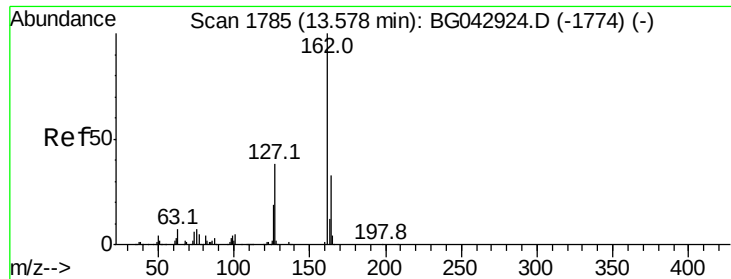
mohammad
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#46
1,1'-Biphenyl
Concen: 46.787 ng
RT: 13.53 min Scan# 1777
Delta R.T. -0.00 min
Lab File: BG042963.D
Acq: 1 Oct 2019 5:08

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.7	21.4	61.4
76	10.1	0.0	31.3





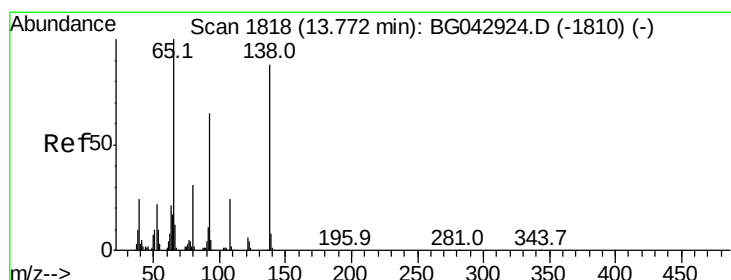
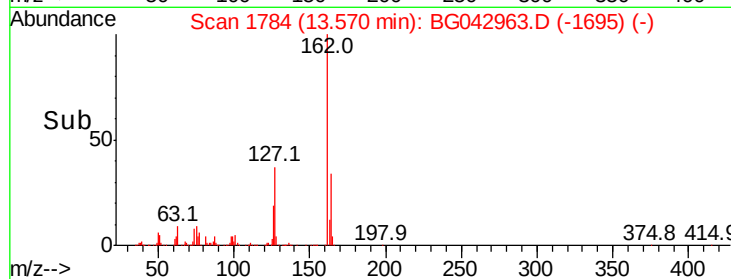
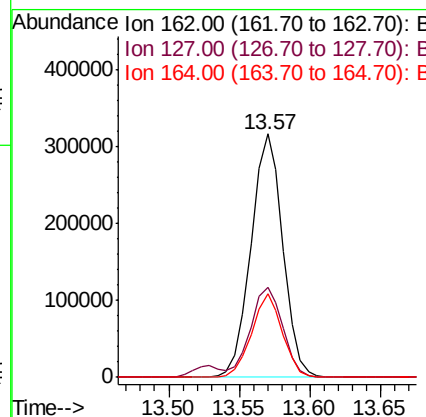
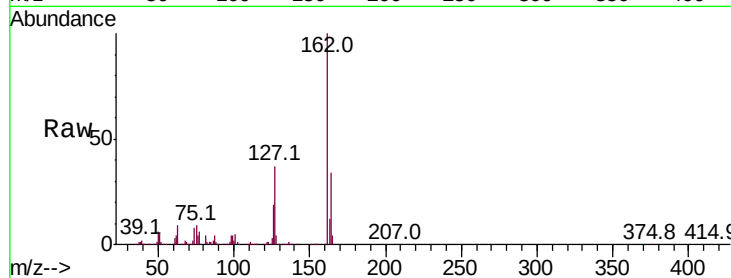
#47
 2-Chloronaphthalene
 Concen: 48.580 ng
 RT: 13.57 min Scan# 1784
 Delta R.T. -0.01 min
 Lab File: BG042963.D
 Acq: 1 Oct 2019 5:08

Instrument :
 BNA_G
 ClientSampleId :
 BU-02-092419MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	499024		
127	37.2		31.0	46.6
164	34.5		26.2	39.2

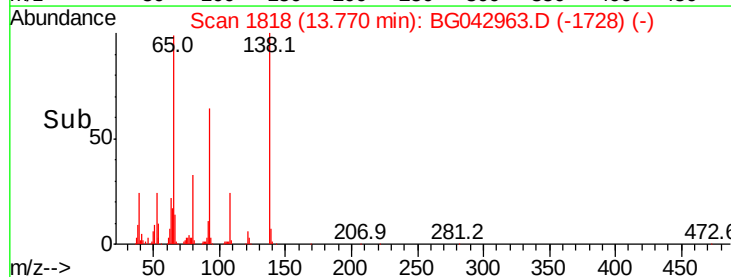
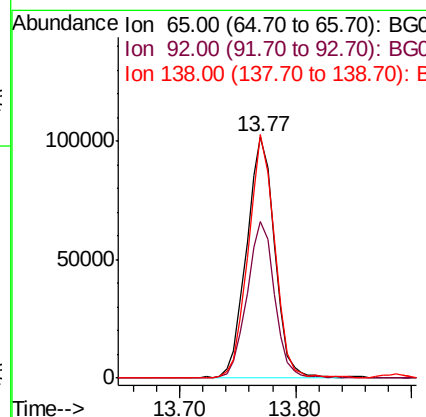
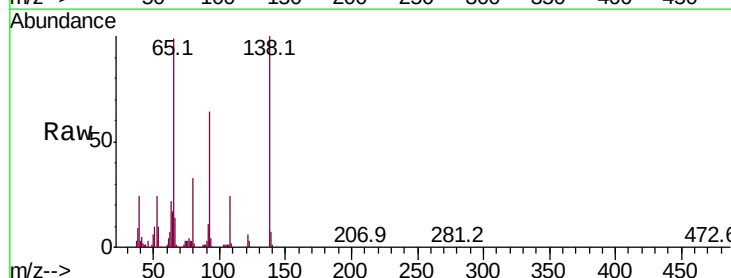
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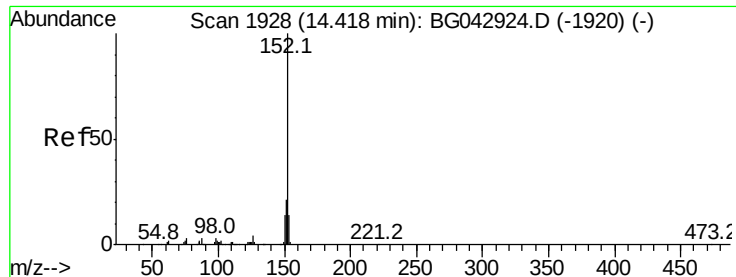
mohammad
 10/2/2019 8:33:27 AM



#48
 2-Nitroaniline
 Concen: 50.338 ng
 RT: 13.77 min Scan# 1818
 Delta R.T. -0.00 min
 Lab File: BG042963.D
 Acq: 1 Oct 2019 5:08

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	171954		
92	64.8		52.0	78.0
138	101.0		70.4	105.6





#49

Acenaphthylene

Concen: 50.912 ng

RT: 14.42 min Scan# 1928

Delta R.T. -0.00 min

Lab File: BG042963.D

Acq: 1 Oct 2019 5:08

Instrument :

BNA_G

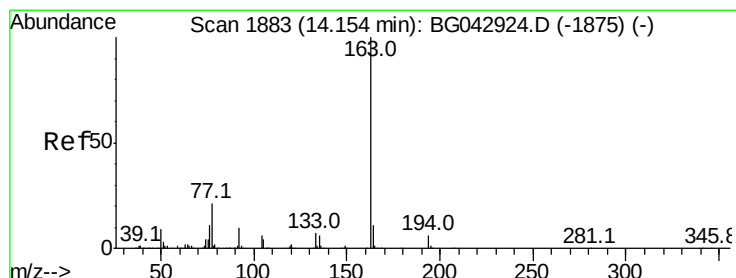
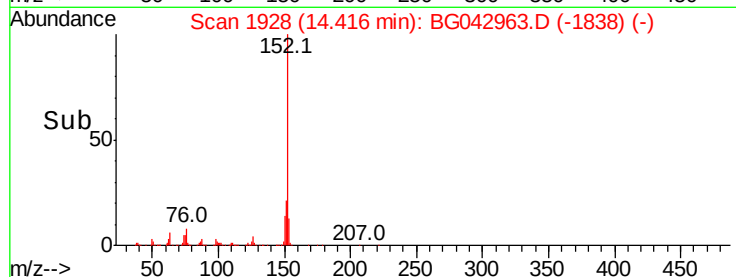
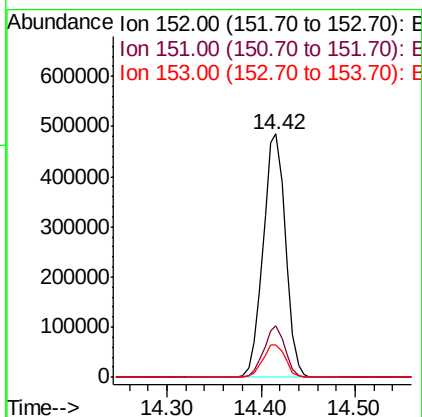
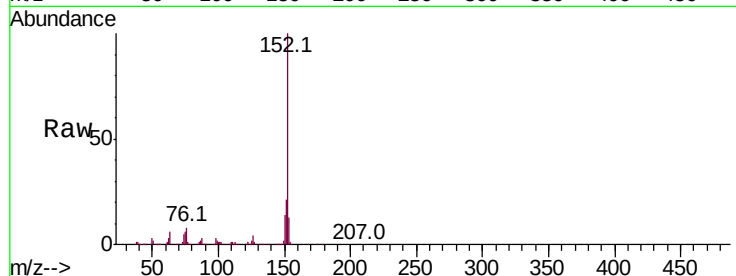
ClientSampleId :

BU-02-092419MS

Tot Ion:	152	Resp:	800247
Ion Ratio	Lower	Upper	
152	100		
151	20.9	16.8	25.2
153	13.3	11.3	16.9

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#50

Dimethylphthalate

Concen: 59.873 ng

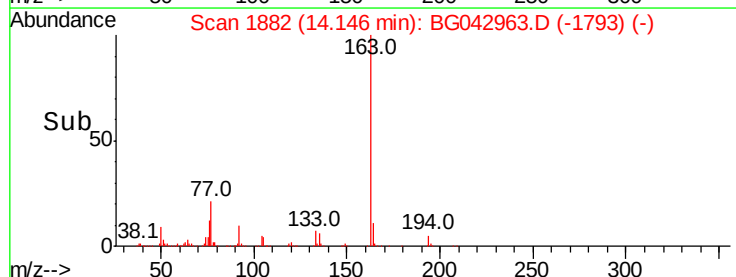
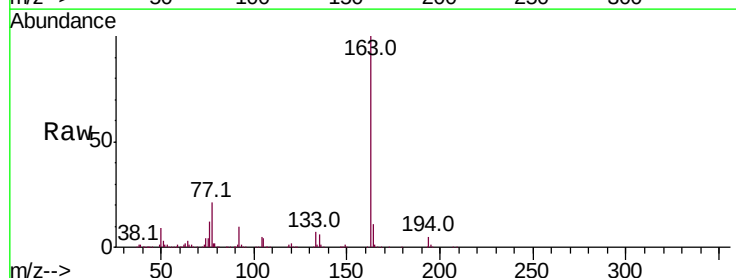
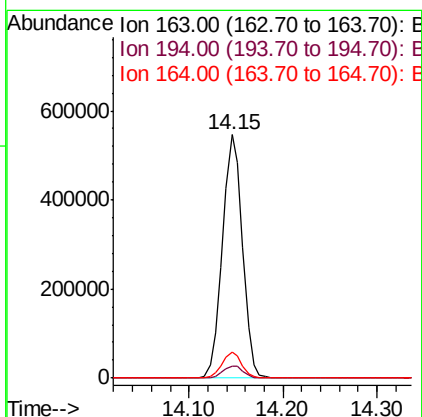
RT: 14.15 min Scan# 1882

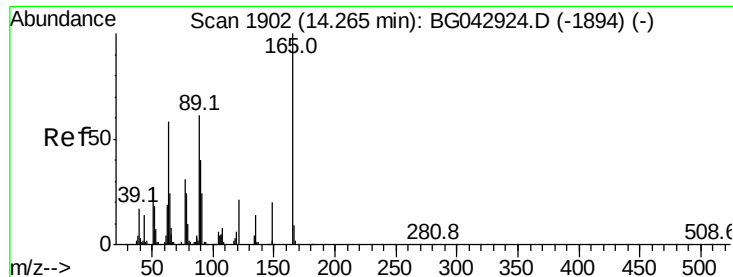
Delta R.T. -0.01 min

Lab File: BG042963.D

Acq: 1 Oct 2019 5:08

Tgt Ion:	163	Resp:	810488
Ion Ratio	Lower	Upper	
163	100		
194	4.7	4.4	6.6
164	10.6	8.6	12.8





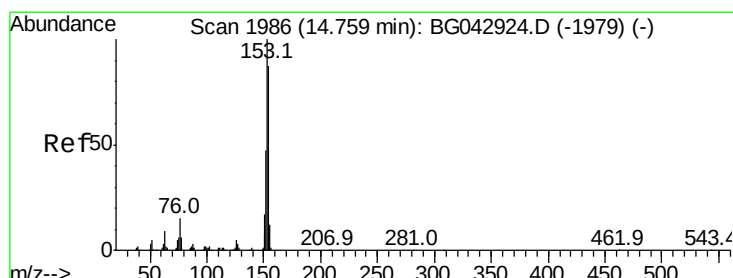
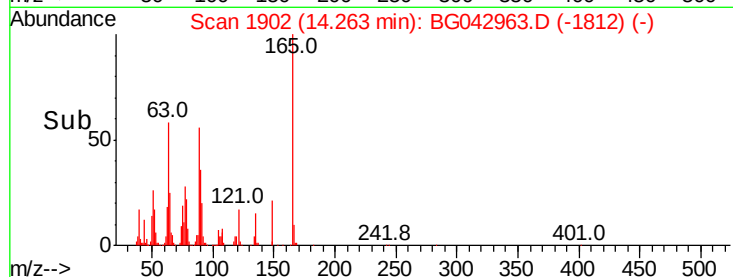
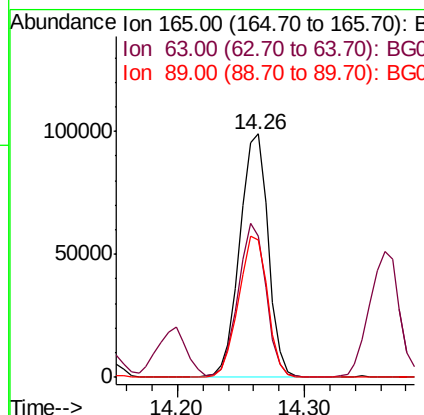
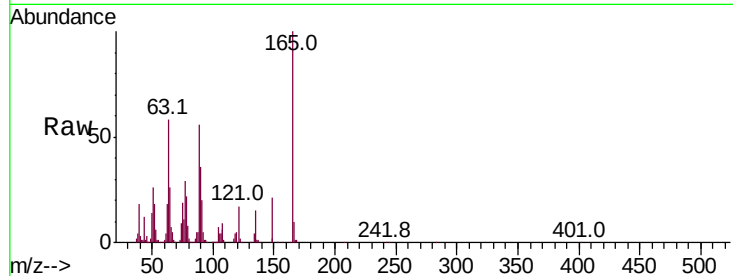
#51
 2,6-Dinitrotoluene
 Concen: 53.364 ng
 RT: 14.26 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: BG042963.D
 Acq: 1 Oct 2019 5:08

Instrument :
 BNA_G
 ClientSampleId :
 BU-02-092419MS

Tot Ion	Ratio	Lower	Upper
165	100		
63	58.1	50.3	75.5
89	56.3	48.9	73.3

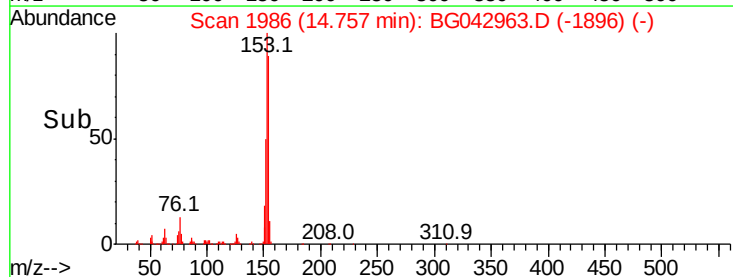
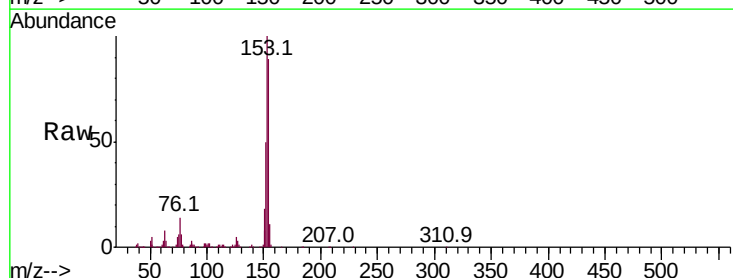
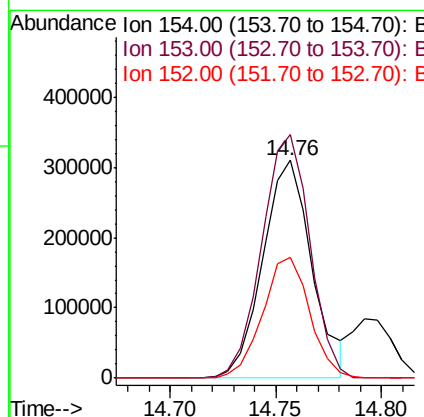
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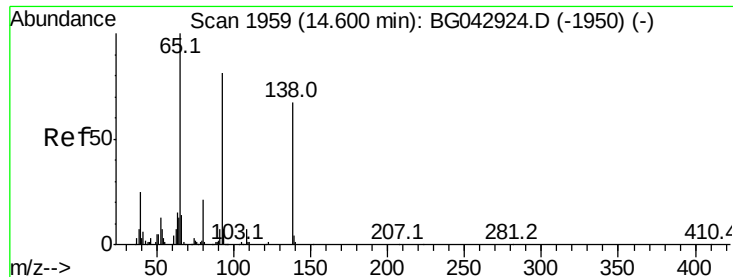
mohammad
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#52
 Acenaphthene
 Concen: 47.507 ng
 RT: 14.76 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: BG042963.D
 Acq: 1 Oct 2019 5:08

Tgt Ion	Ratio	Lower	Upper
154	100		
153	111.9	91.4	137.0
152	55.5	42.8	64.2





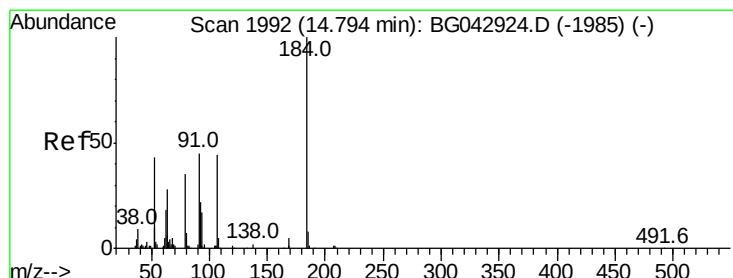
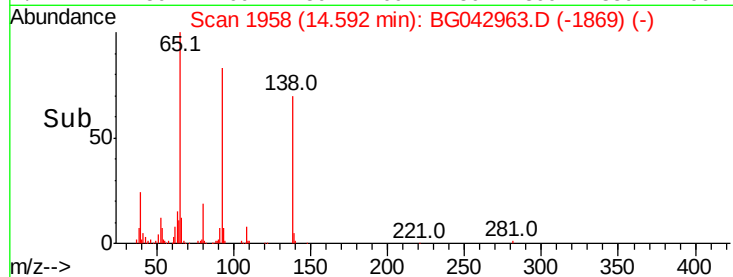
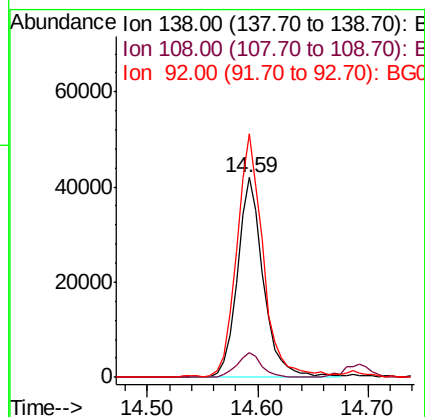
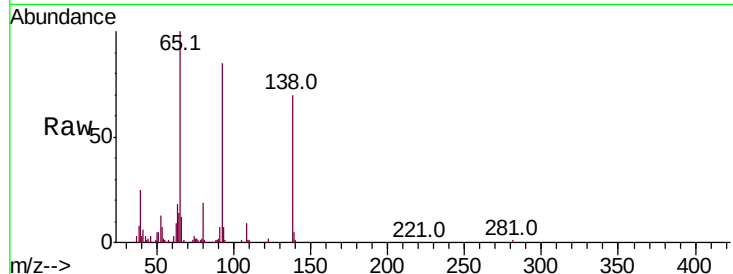
#53
 3-Nitroaniline
 Concen: 23.186 ng
 RT: 14.59 min Scan# 1958
 Delta R.T. -0.01 min
 Lab File: BG042963.D
 Acq: 1 Oct 2019 5:08

Instrument :
 BNA_G
 ClientSampleId :
 BU-02-092419MS

Tot Ion	Ratio	Lower	Upper
138	100		
108	12.2	7.9	11.9#
92	121.9	97.0	145.6

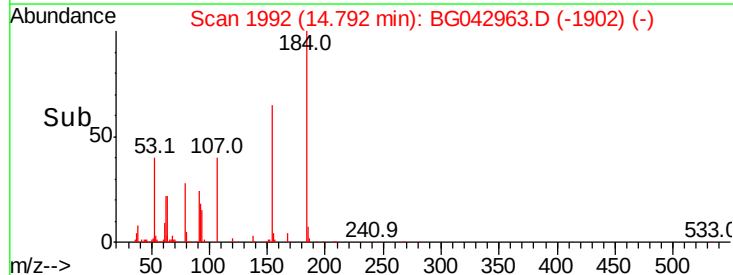
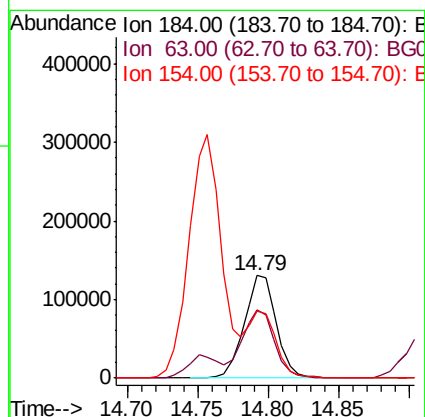
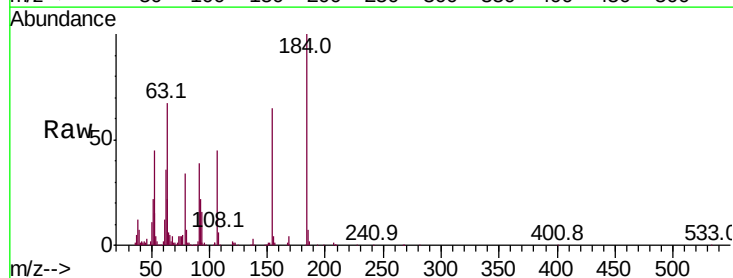
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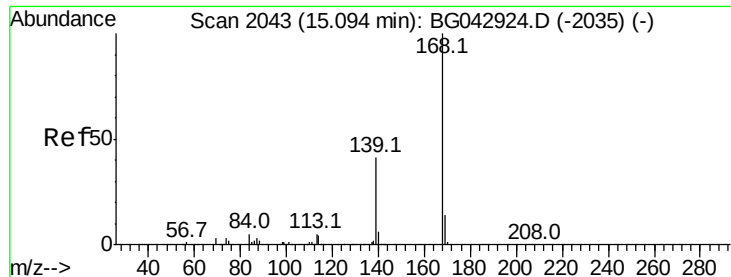
mohammad
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#54
 2,4-Dinitrophenol
 Concen: 115.812 ng
 RT: 14.79 min Scan# 1992
 Delta R.T. -0.00 min
 Lab File: BG042963.D
 Acq: 1 Oct 2019 5:08

Tgt Ion	Ratio	Lower	Upper
184	100		
63	66.6	55.0	82.6
154	65.0	56.5	84.7





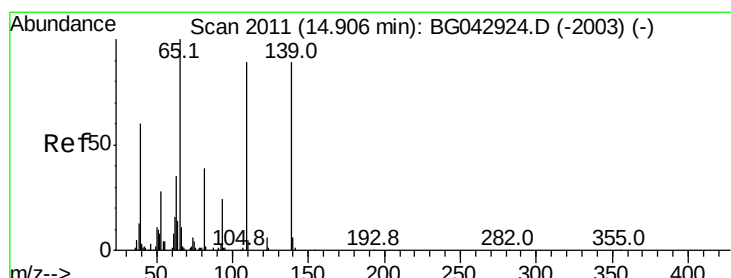
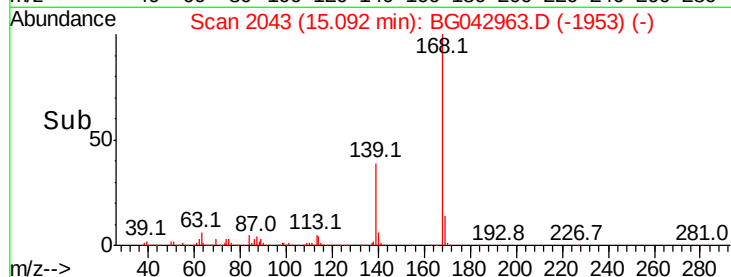
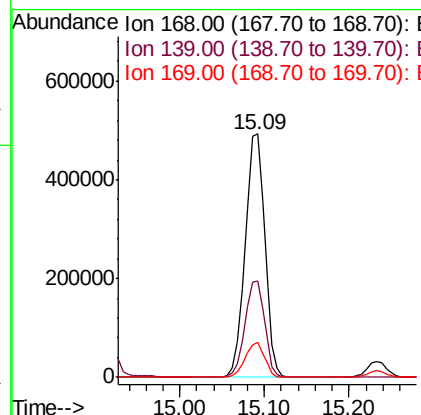
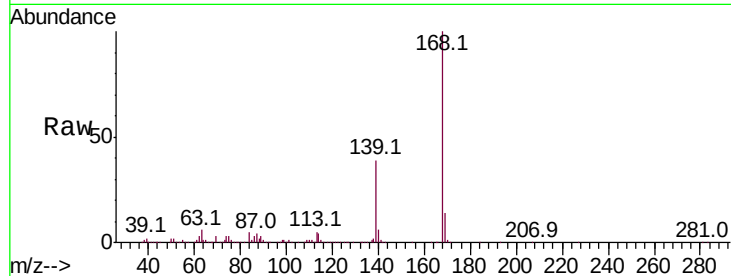
#55
Dibenzenofuran
Concen: 50.545 ng
RT: 15.09 min Scan# 2043
Delta R.T. -0.00 min
Lab File: BG042963.D
Acq: 1 Oct 2019 5:08

Instrument :
BNA_G
ClientSampleId :
BU-02-092419MS

Tot Ion	Ratio	Lower	Upper
168	100		
139	39.4	32.6	48.8
169	14.3	11.2	16.8

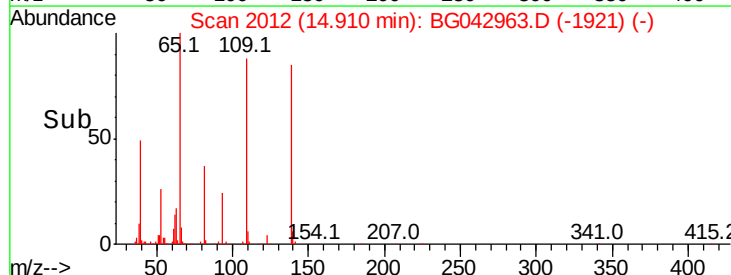
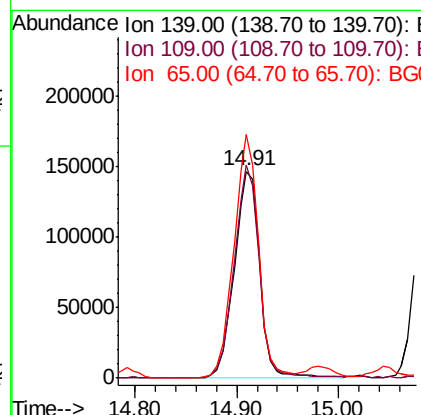
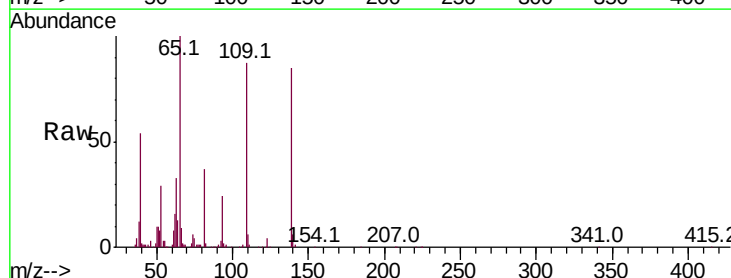
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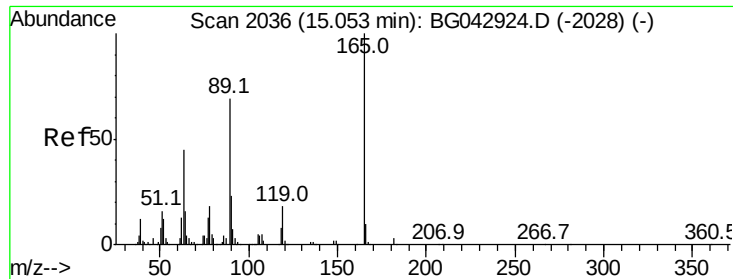
mohammad
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#56
4-Nitrophenol
Concen: 112.813 ng
RT: 14.91 min Scan# 2012
Delta R.T. 0.00 min
Lab File: BG042963.D
Acq: 1 Oct 2019 5:08

Tgt Ion	Ratio	Lower	Upper
139	100		
109	102.9	79.4	119.4
65	117.7	92.5	132.5





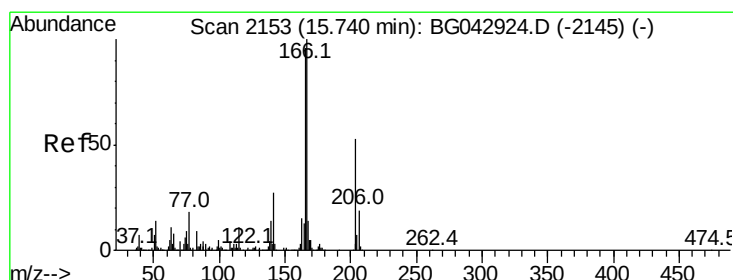
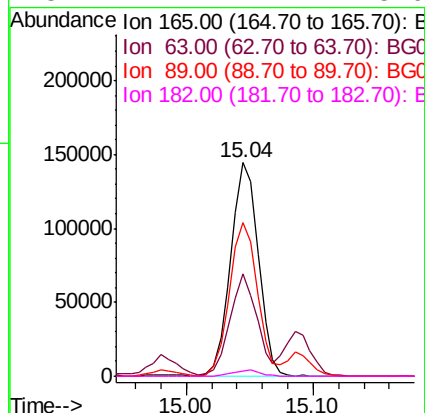
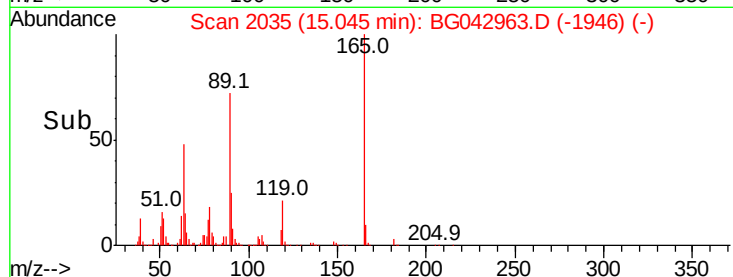
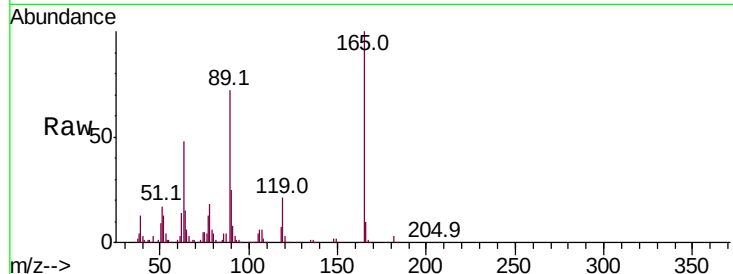
#57
2,4-Dinitrotoluene
Concen: 51.678 ng
RT: 15.04 min Scan# 2035
Delta R.T. -0.01 min
Lab File: BG042963.D
Acq: 1 Oct 2019 5:08

Instrument :
BNA_G
ClientSampleId :
BU-02-092419MS

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	48.2	36.5	54.7	
89	72.0	55.5	83.3	
182	2.7	2.4	3.6	

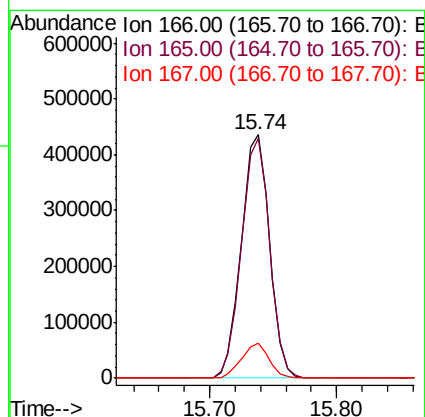
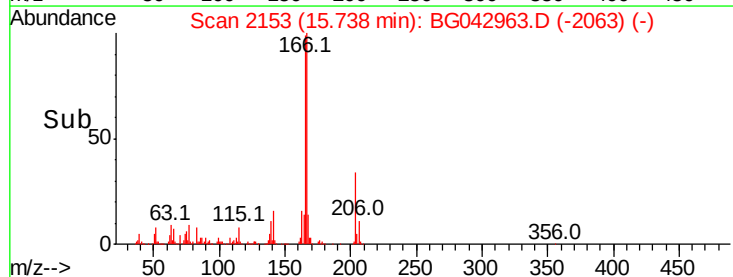
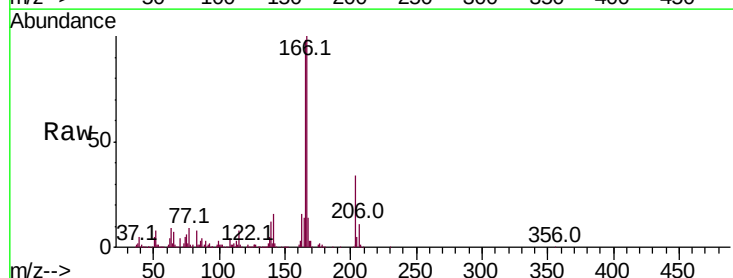
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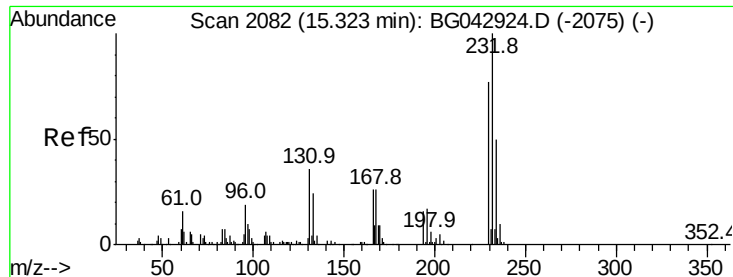
mohammad
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#58
Fluorene
Concen: 50.640 ng
RT: 15.74 min Scan# 2153
Delta R.T. -0.00 min
Lab File: BG042963.D
Acq: 1 Oct 2019 5:08

Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	98.5	77.1	115.7	
167	14.2	11.0	16.6	





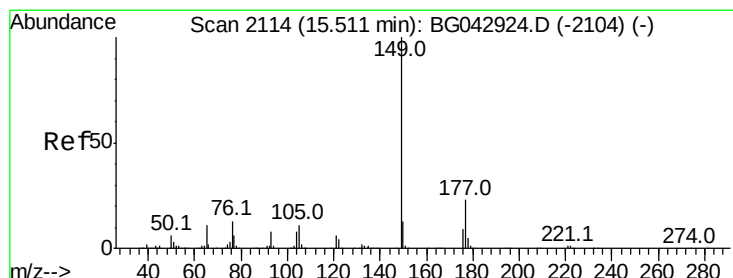
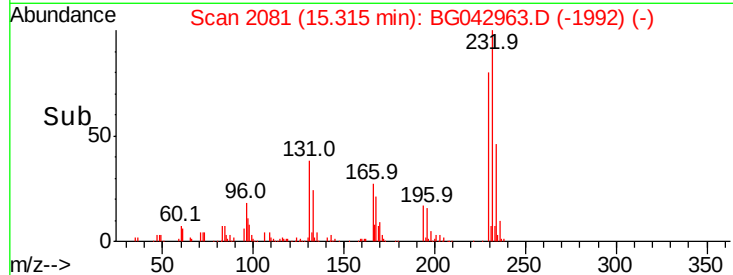
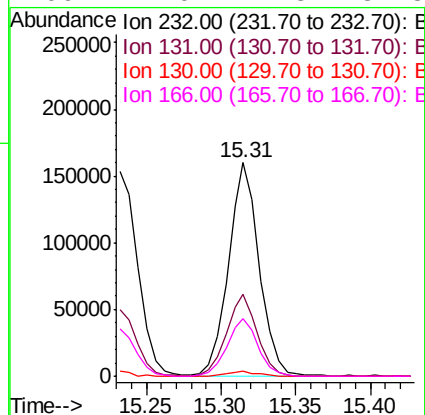
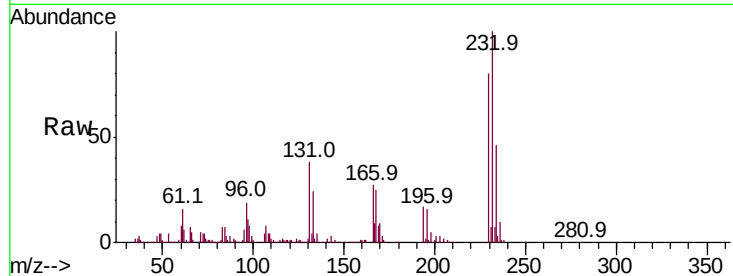
#59
2,3,4,6-Tetrachlorophenol
Concen: 52.659 ng
RT: 15.31 min Scan# 2081
Delta R.T. -0.01 min
Lab File: BG042963.D
Acq: 1 Oct 2019 5:08

Instrument :
BNA_G
ClientSampleId :
BU-02-092419MS

Tot Ion	Ratio	Resp Lower	Upper
232	100		
131	38.4	29.6	44.4
130	2.2	1.9	2.9
166	27.0	21.8	32.8

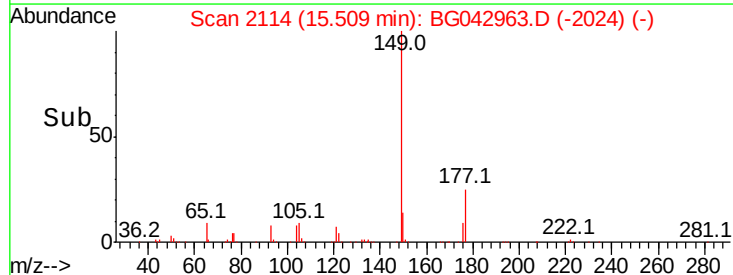
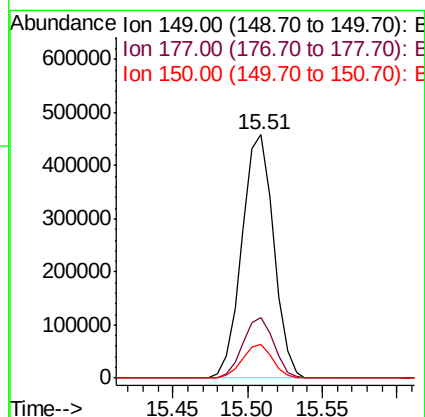
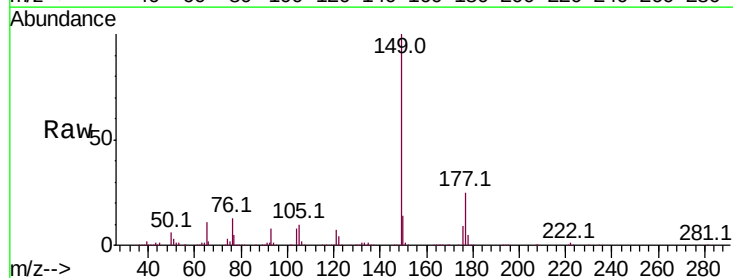
Manual Integrations
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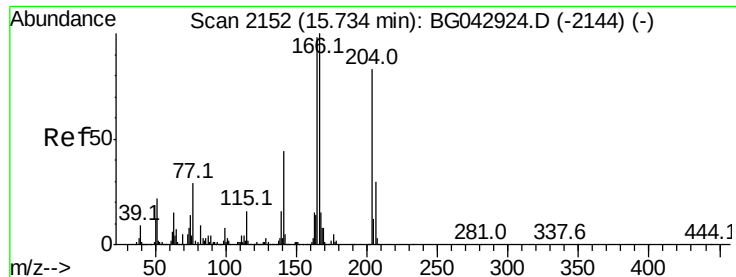
mohammad
10/2/2019 8:33:27 AM



#60
Diethylphthalate
Concen: 48.979 ng
RT: 15.51 min Scan# 2114
Delta R.T. -0.00 min
Lab File: BG042963.D
Acq: 1 Oct 2019 5:08

Tgt Ion	Ratio	Resp Lower	Upper
149	100		
177	25.0	18.8	28.2
150	14.0	10.6	15.8





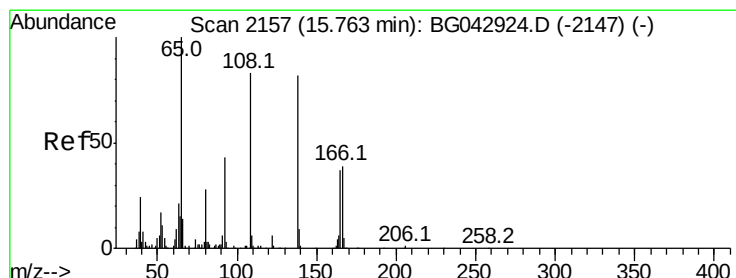
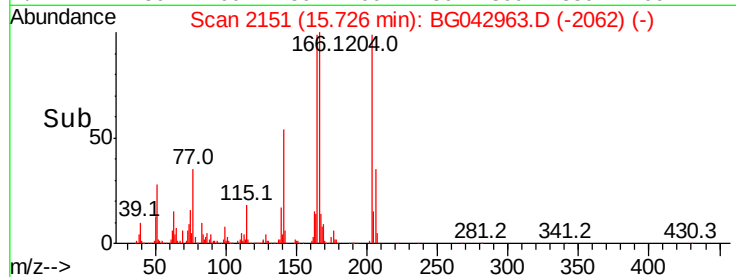
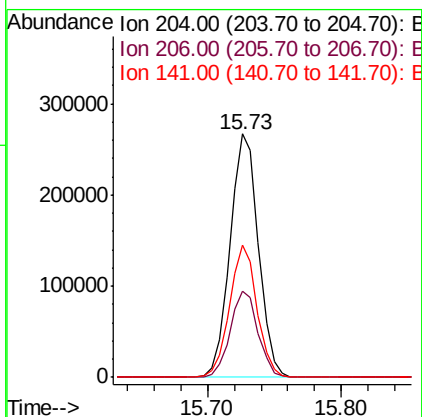
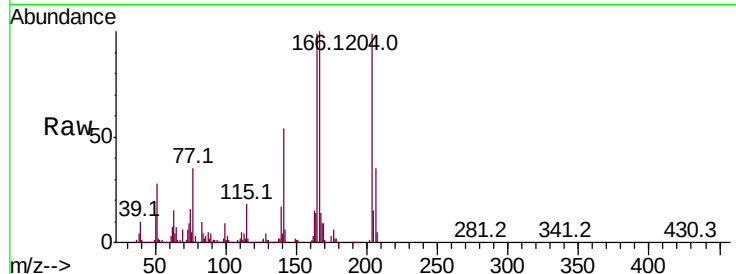
#61
4-Chlorophenyl-phenylether
Concen: 49.377 ng
RT: 15.73 min Scan# 2151
Delta R.T. -0.01 min
Lab File: BG042963.D
Acq: 1 Oct 2019 5:08

Instrument :
BNA_G
ClientSampleId :
BU-02-092419MS

Tot Ion	Ratio	Resp	Lower	Upper
204	100	393477		
206	35.3	28.5	42.7	
141	54.3	42.4	63.6	

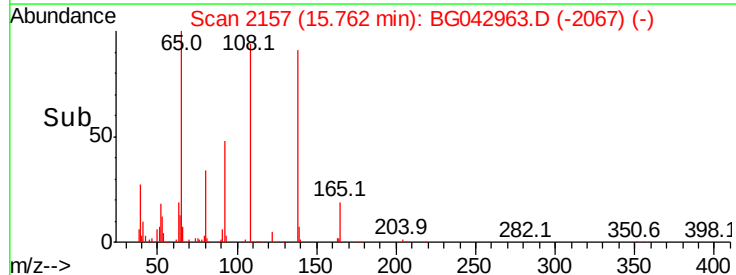
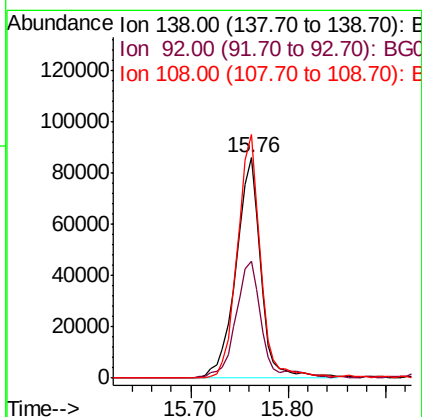
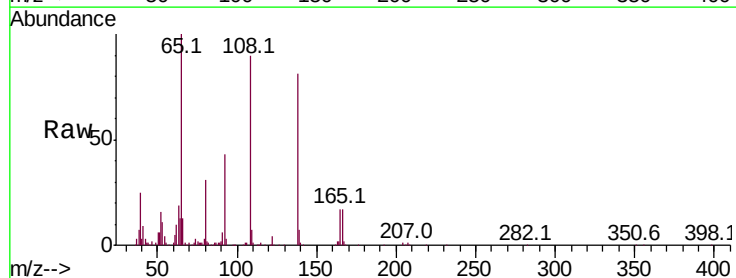
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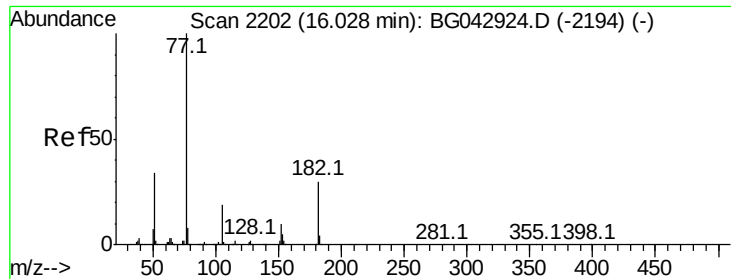
mohammad
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#62
4-Nitroaniline
Concen: 46.604 ng
RT: 15.76 min Scan# 2157
Delta R.T. -0.00 min
Lab File: BG042963.D
Acq: 1 Oct 2019 5:08

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	151426		
92	53.3	32.9	72.9	
108	110.5	81.3	121.3	





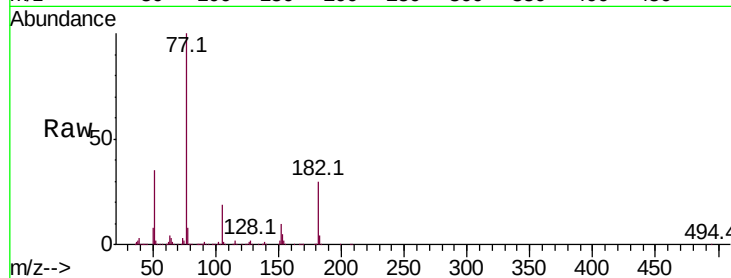
#63
Azobenzene
Concen: 48.202 ng
RT: 16.02 min Scan# 2201
Delta R.T. -0.01 min
Lab File: BG042963.D
Acq: 1 Oct 2019 5:08

Instrument :
BNA_G
ClientSampleId :
BU-02-092419MS

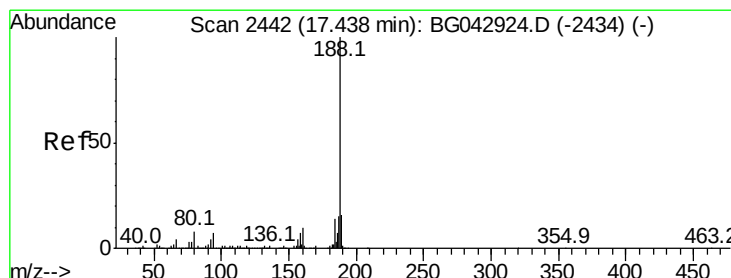
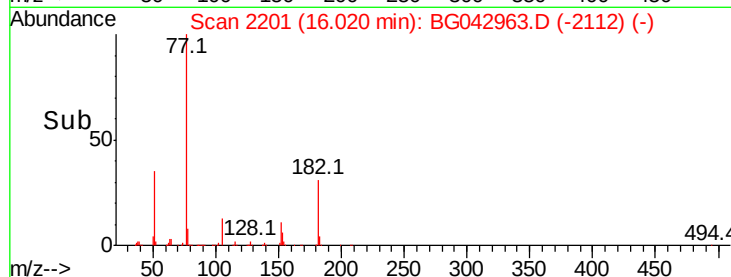
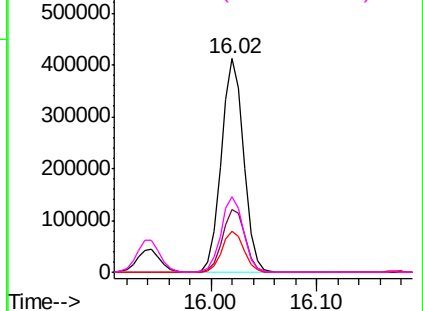
Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	29.6	10.2	50.2	
105	19.5	0.0	39.1	
51	35.2	13.9	53.9	

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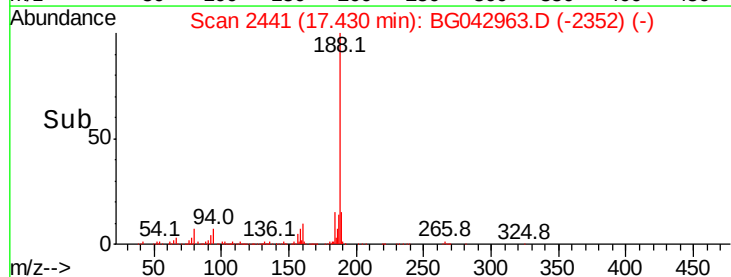
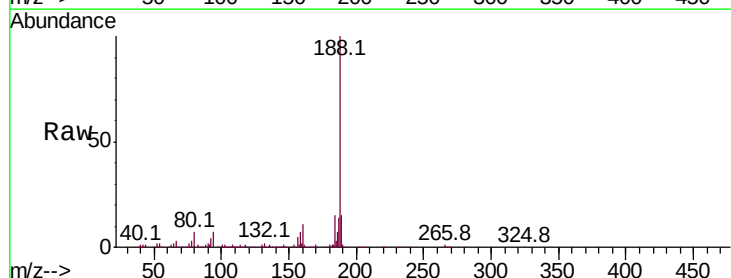
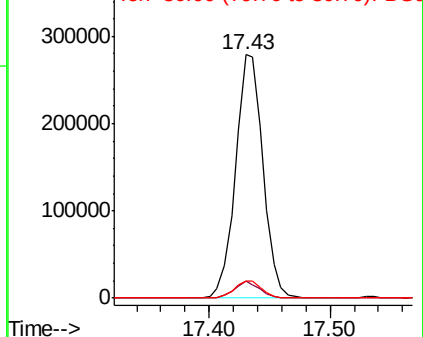
Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

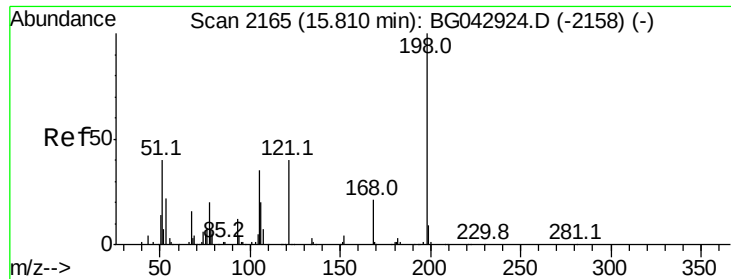


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.43 min Scan# 2441
Delta R.T. -0.01 min
Lab File: BG042963.D
Acq: 1 Oct 2019 5:08

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	7.0	5.7	8.5	
80	7.2	6.5	9.7	

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





#65

4,6-Dinitro-2-methylphenol

Concen: 59.108 ng

RT: 15.81 min Scan# 2165

Delta R.T. -0.00 min

Lab File: BG042963.D

Acq: 1 Oct 2019 5:08

Instrument :

BNA_G

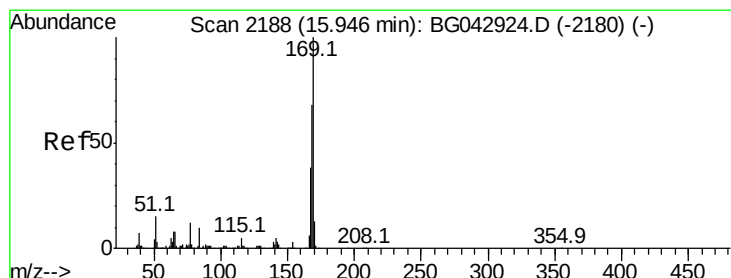
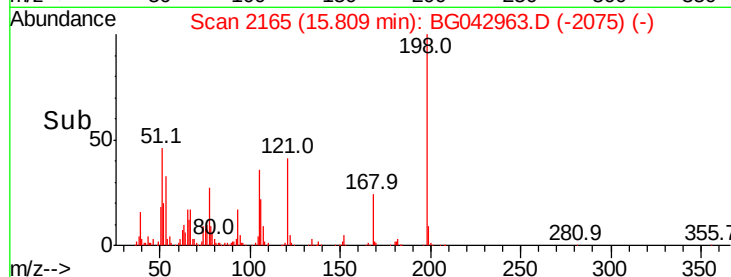
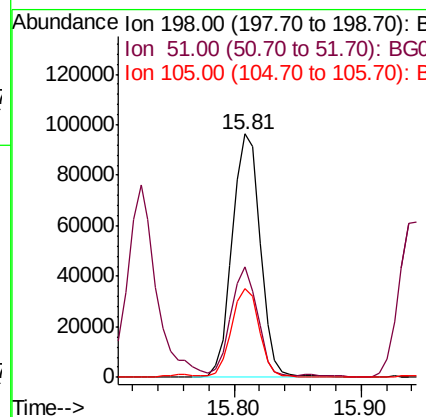
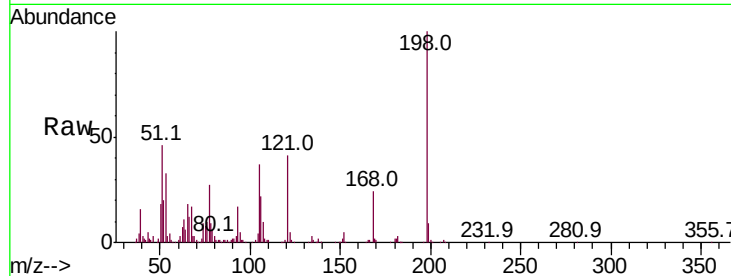
ClientSampleId :

BU-02-092419MS

Tot Ion:	198	Resp:	147304
Ion Ratio	Lower	Upper	
198	100		
51	45.6	25.3	65.3
105	36.6	16.6	56.6

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#66

n-Nitrosodiphenylamine

Concen: 51.301 ng

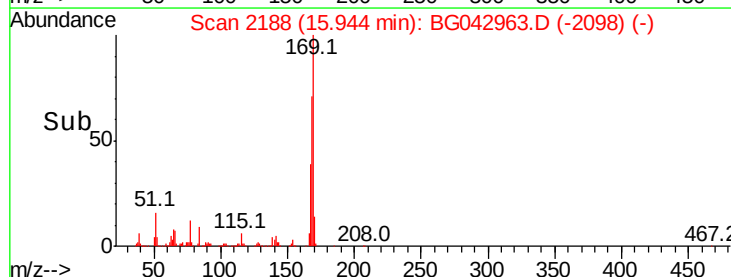
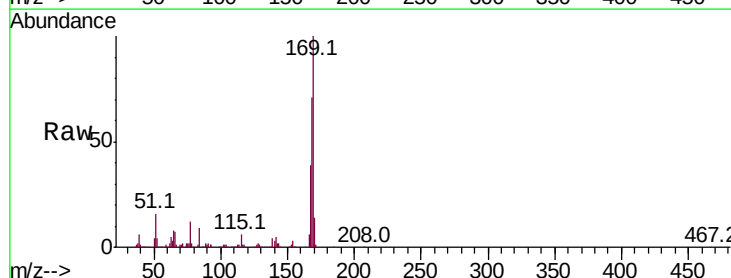
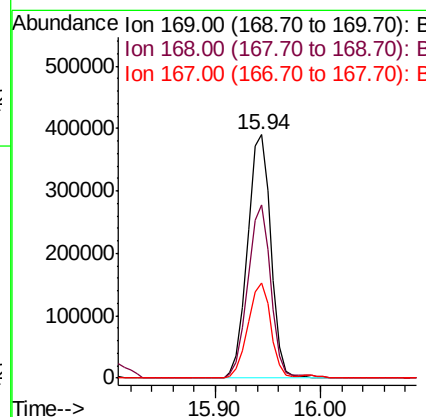
RT: 15.94 min Scan# 2188

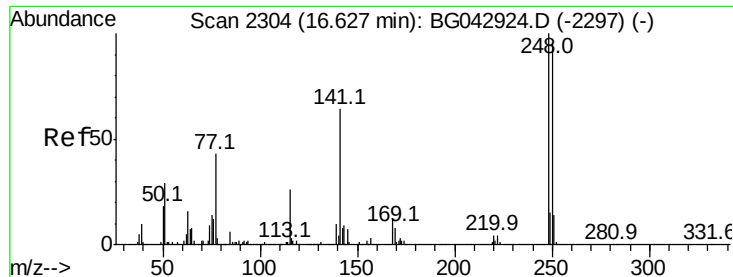
Delta R.T. -0.00 min

Lab File: BG042963.D

Acq: 1 Oct 2019 5:08

Tgt Ion:	169	Resp:	596437
Ion Ratio	Lower	Upper	
169	100		
168	70.9	54.8	82.2
167	39.1	30.6	46.0





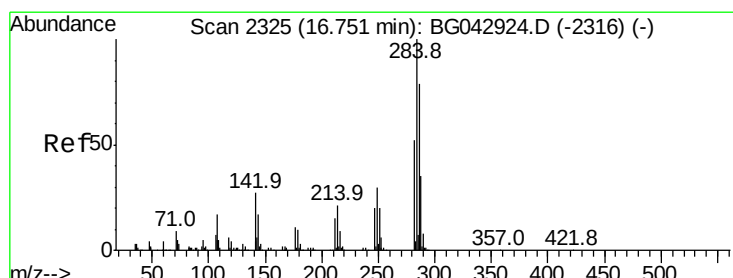
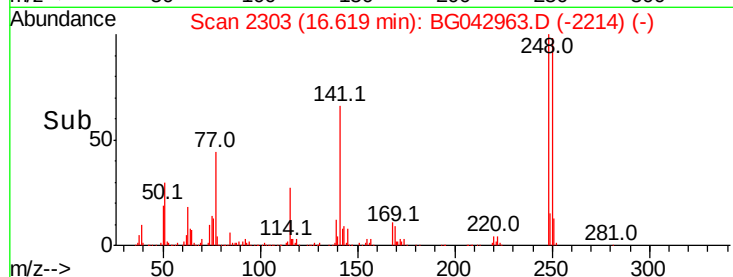
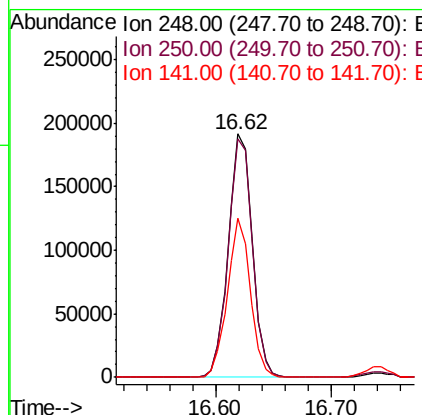
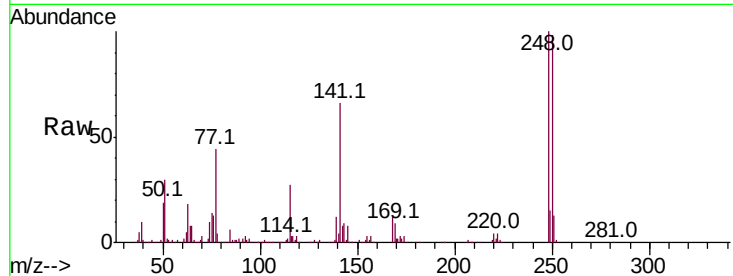
#67
4-Bromophenyl-phenylether
Concen: 49.827 ng
RT: 16.62 min Scan# 2303
Delta R.T. -0.01 min
Lab File: BG042963.D
Acq: 1 Oct 2019 5:08

Instrument :
BNA_G
ClientSampleId :
BU-02-092419MS

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.9	75.8	113.8
141	65.5	51.1	76.7

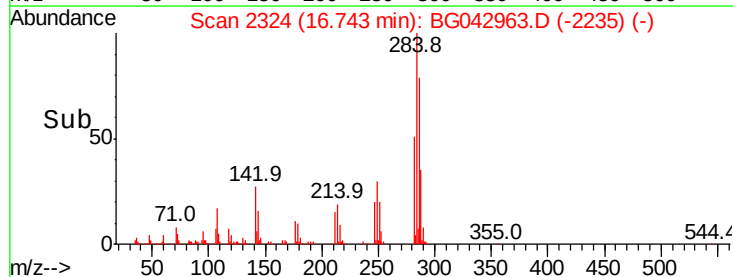
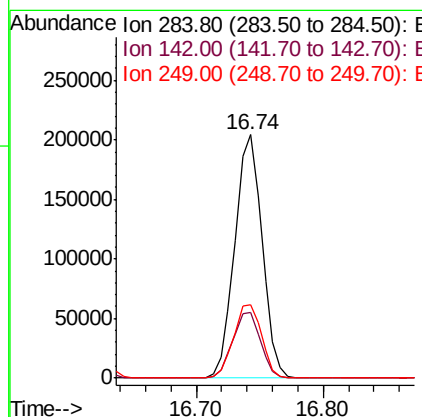
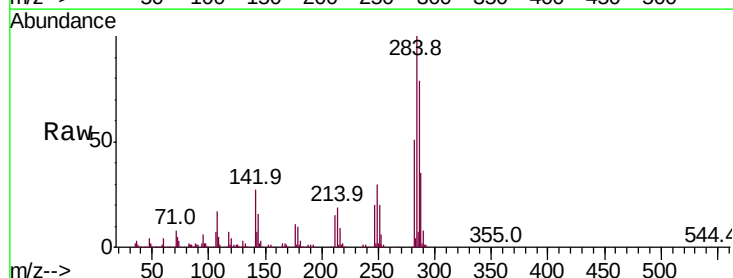
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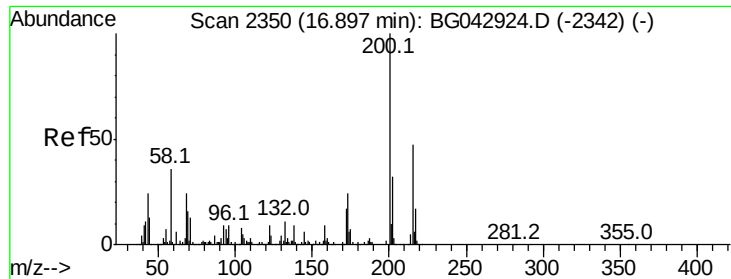
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#68
Hexachlorobenzene
Concen: 49.241 ng
RT: 16.74 min Scan# 2324
Delta R.T. -0.01 min
Lab File: BG042963.D
Acq: 1 Oct 2019 5:08

Tgt Ion	Ratio	Lower	Upper
284	100		
142	26.7	21.6	32.4
249	30.1	24.1	36.1





#69

Atrazine

Concen: 43.471 ng

RT: 16.89 min Scan# 2349

Delta R.T. -0.01 min

Lab File: BG042963.D

Acq: 1 Oct 2019 5:08

Instrument :

BNA_G

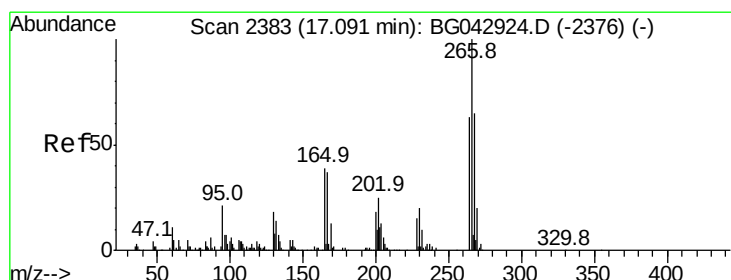
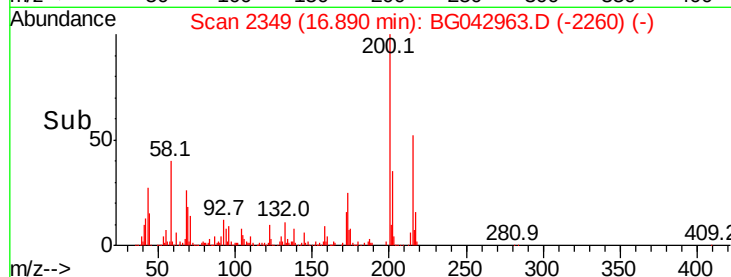
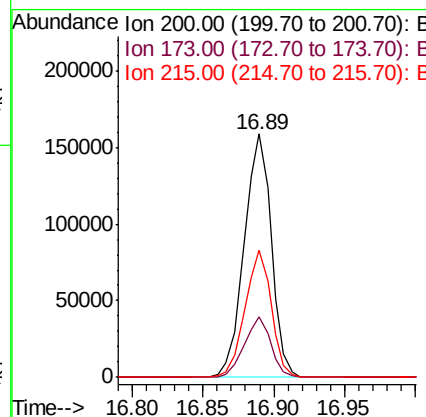
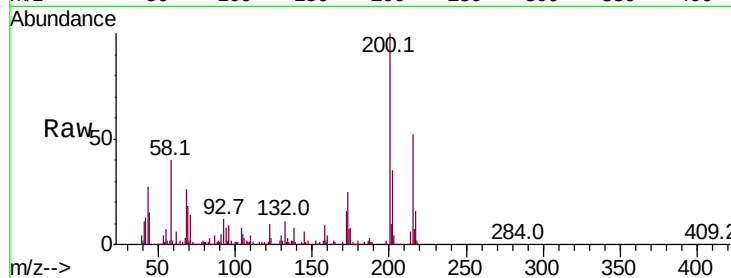
ClientSampleId :

BU-02-092419MS

Tot Ion:	200	Resp:	212823
Ion Ratio	Lower	Upper	
200	100		
173	24.8	4.0	44.0
215	52.3	27.4	67.4

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#70

Pentachlorophenol

Concen: 115.287 ng

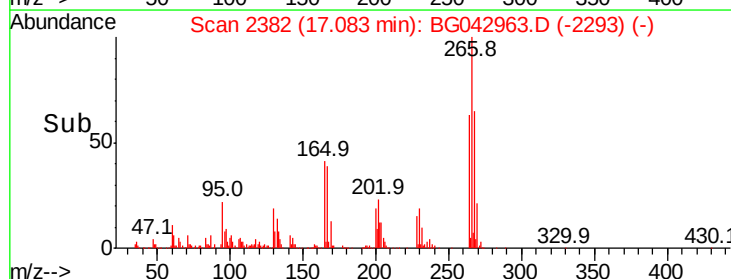
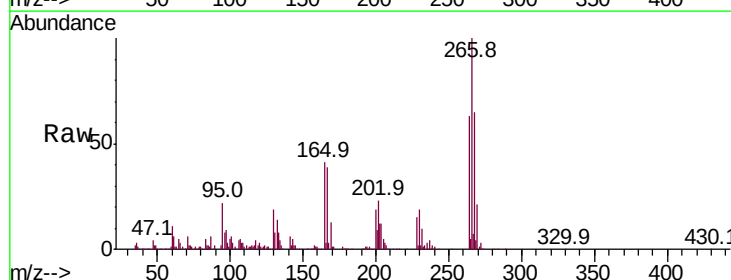
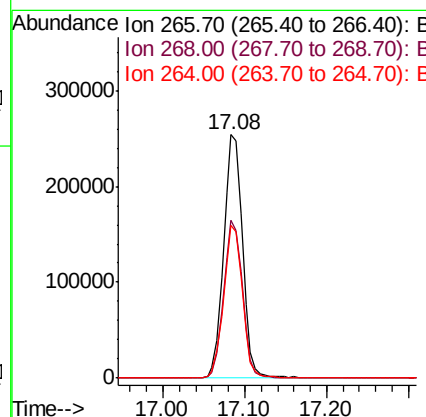
RT: 17.08 min Scan# 2382

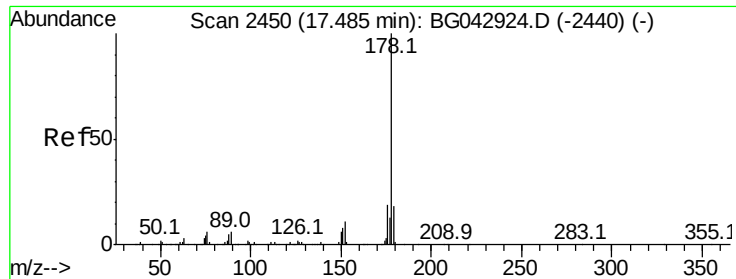
Delta R.T. -0.01 min

Lab File: BG042963.D

Acq: 1 Oct 2019 5:08

Tgt Ion:	266	Resp:	409423
Ion Ratio	Lower	Upper	
266	100		
268	65.0	52.2	78.2
264	62.9	50.7	76.1





#71

Phenanthrene

Concen: 50.111 ng

RT: 17.48 min Scan# 2449

Delta R.T. -0.01 min

Lab File: BG042963.D

Acq: 1 Oct 2019 5:08

Instrument :

BNA_G

ClientSampleId :

BU-02-092419MS

Tot Ion:178 Resp: 1077432

Ion Ratio Lower Upper

178 100

176 20.4 15.1 22.7

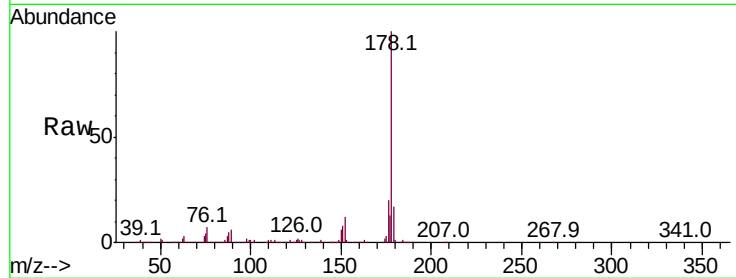
179 17.0 14.1 21.1

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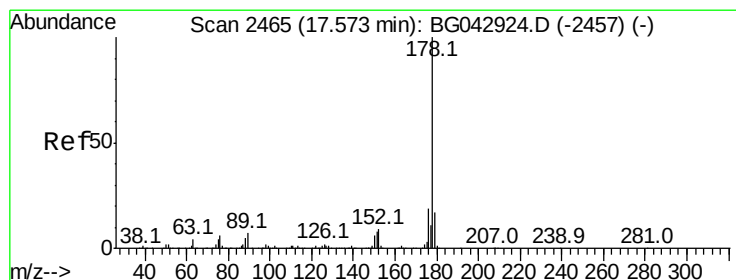
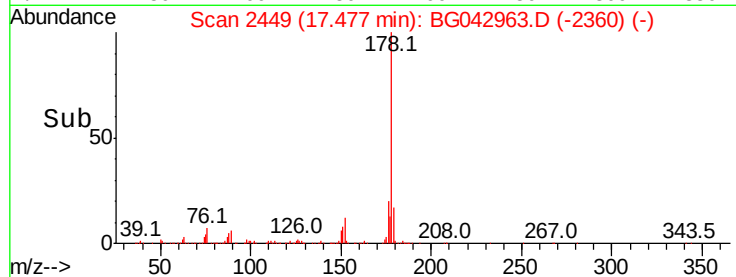
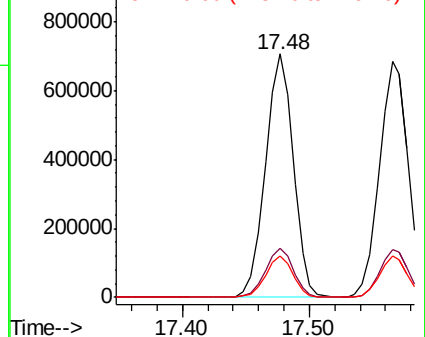
10/2/2019 8:33:27 AM



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 50.742 ng

RT: 17.57 min Scan# 2464

Delta R.T. -0.01 min

Lab File: BG042963.D

Acq: 1 Oct 2019 5:08

Tgt Ion:178 Resp: 1089158

Ion Ratio Lower Upper

178 100

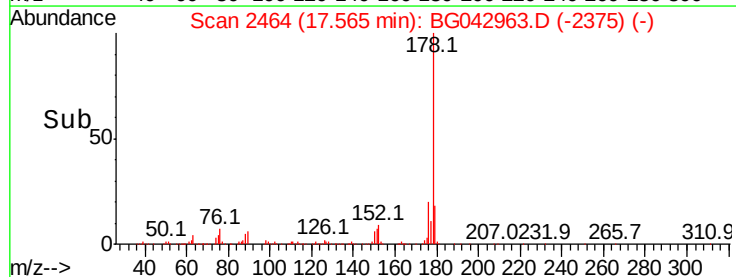
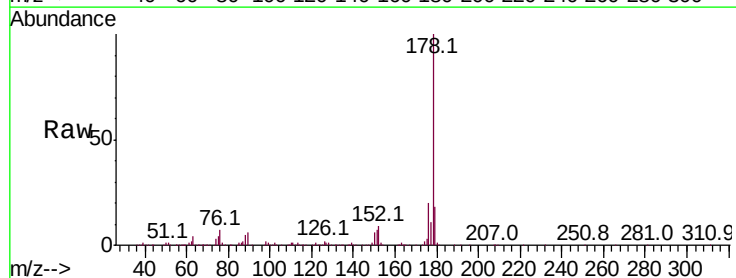
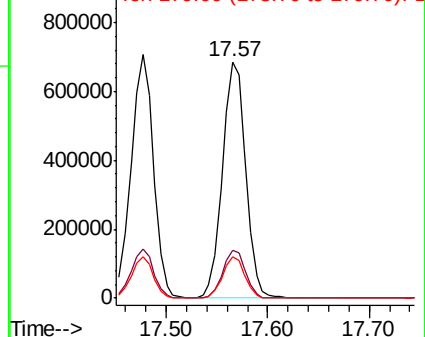
176 20.2 15.5 23.3

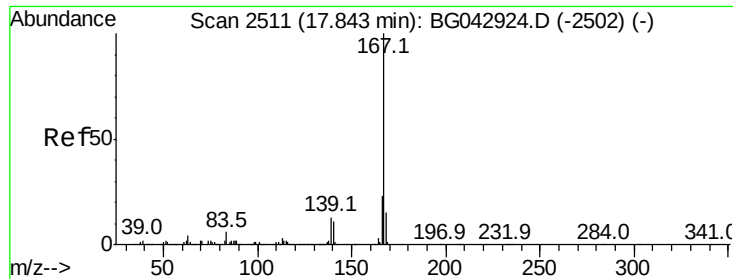
179 17.6 13.5 20.3

Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





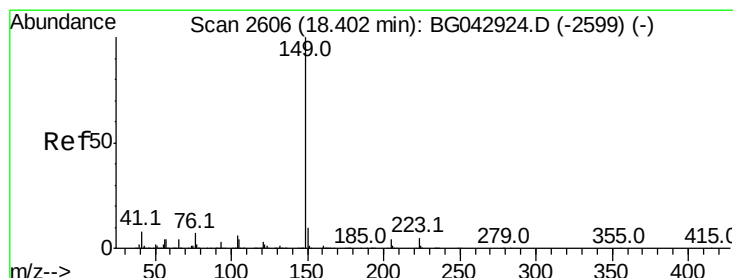
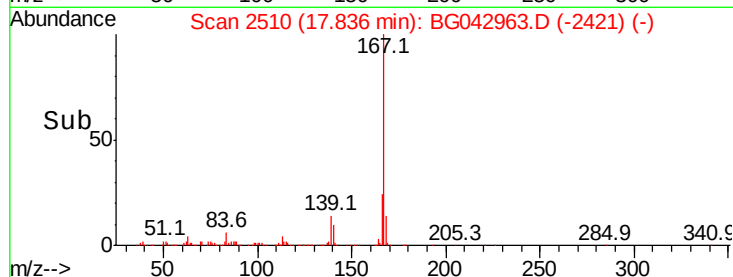
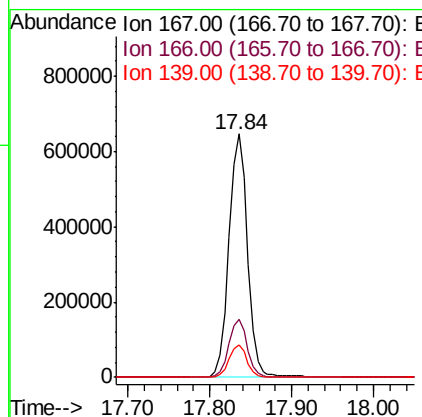
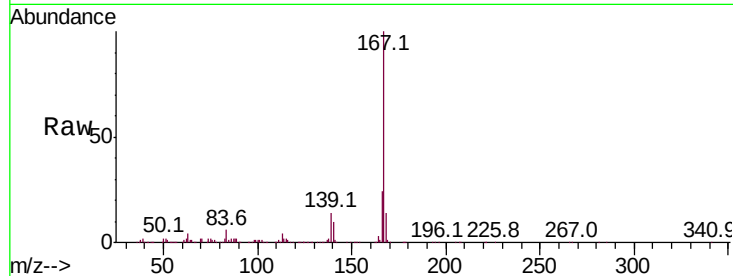
#73
 Carbazole
 Concen: 51.331 ng
 RT: 17.84 min Scan# 2510
 Delta R.T. -0.01 min
 Lab File: BG042963.D
 Acq: 1 Oct 2019 5:08

Instrument :
 BNA_G
 ClientSampleId :
 BU-02-092419MS

Tot Ion	Ratio	Lower	Upper
167	100		
166	24.0	18.6	28.0
139	13.5	10.8	16.2

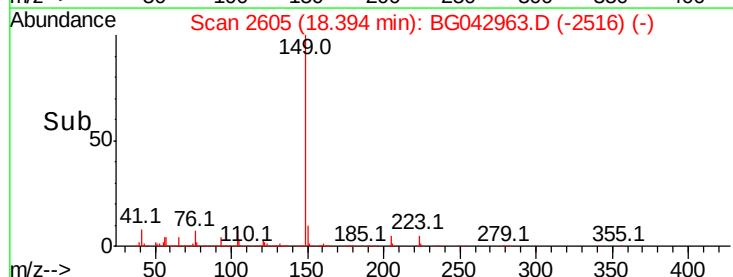
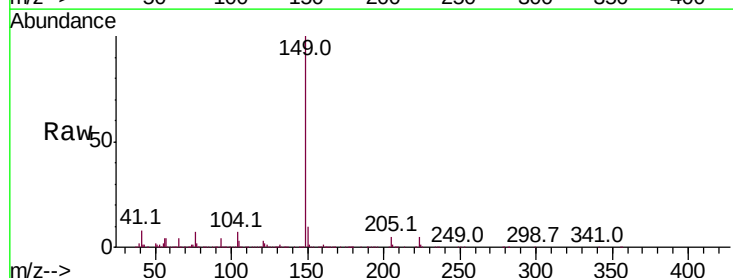
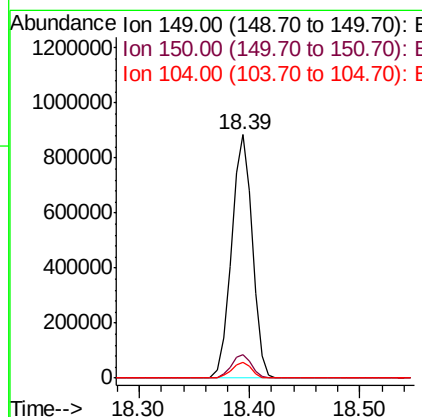
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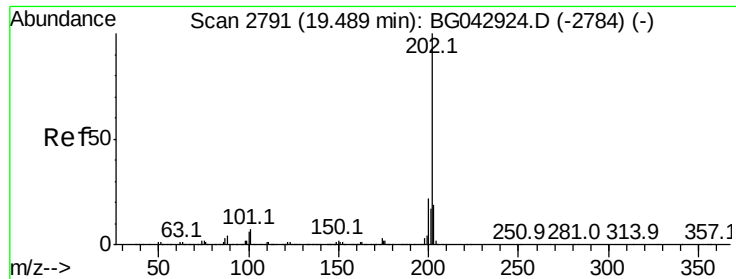
mohammad
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#74
 Di-n-butylphthalate
 Concen: 49.135 ng
 RT: 18.39 min Scan# 2605
 Delta R.T. -0.01 min
 Lab File: BG042963.D
 Acq: 1 Oct 2019 5:08

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.7	7.7	11.5
104	6.5	5.0	7.6





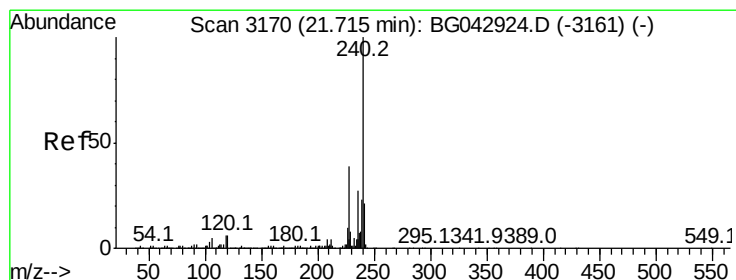
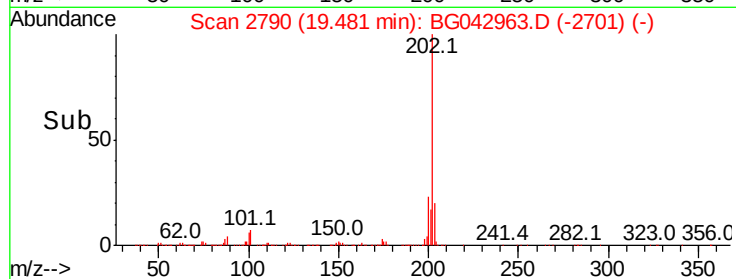
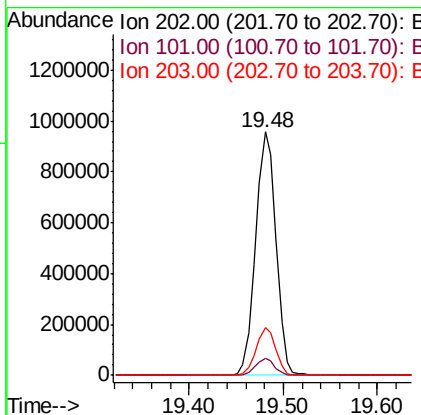
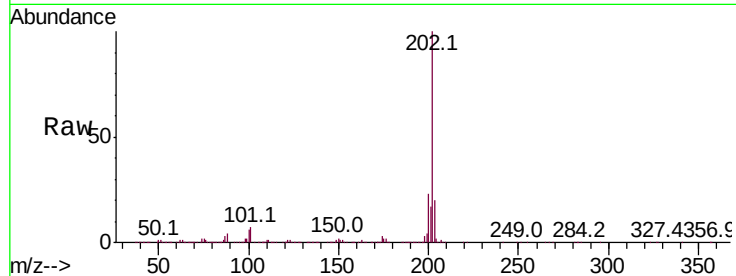
#75
 Fluoranthene
 Concen: 50.447 ng
 RT: 19.48 min Scan# 2790
 Delta R.T. -0.01 min
 Lab File: BG042963.D
 Acq: 1 Oct 2019 5:08

Instrument :
 BNA_G
 ClientSampleId :
 BU-02-092419MS

Tot Ion	Ratio	Lower	Upper
202	100		
101	7.2	0.0	27.3
203	19.7	0.0	39.5

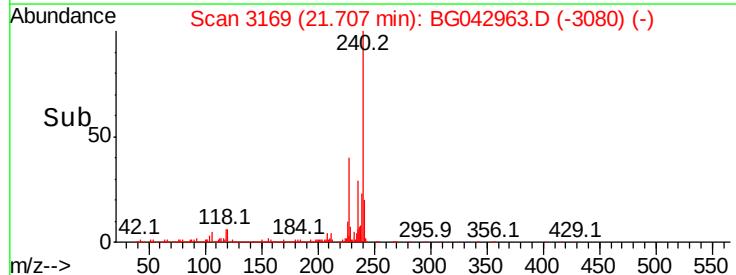
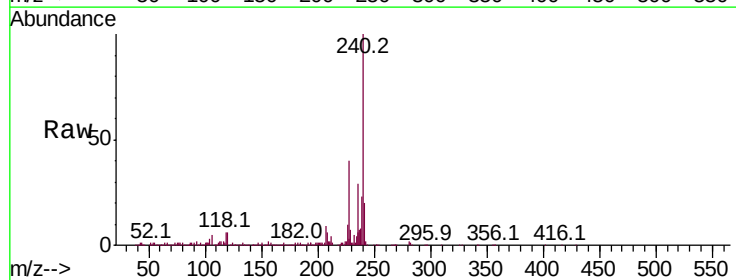
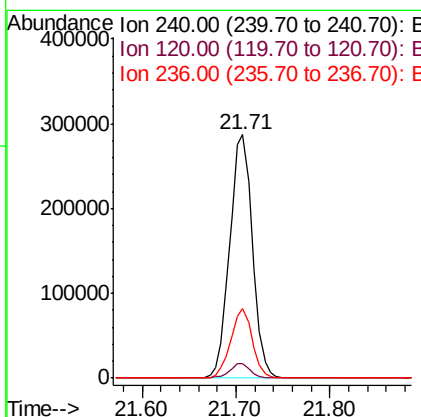
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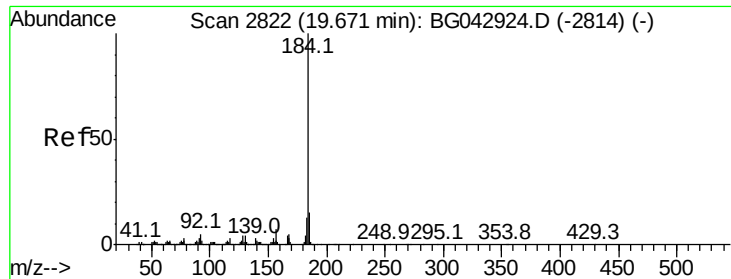
mohammad
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#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.71 min Scan# 3169
 Delta R.T. -0.01 min
 Lab File: BG042963.D
 Acq: 1 Oct 2019 5:08

Tgt Ion	Ratio	Lower	Upper
240	100		
120	6.1	4.8	7.2
236	28.6	21.4	32.0





#77

Benzidine

Concen: 5.314 ng

RT: 19.66 min Scan# 2821

Delta R.T. -0.01 min

Lab File: BG042963.D

Acq: 1 Oct 2019 5:08

Instrument :

BNA_G

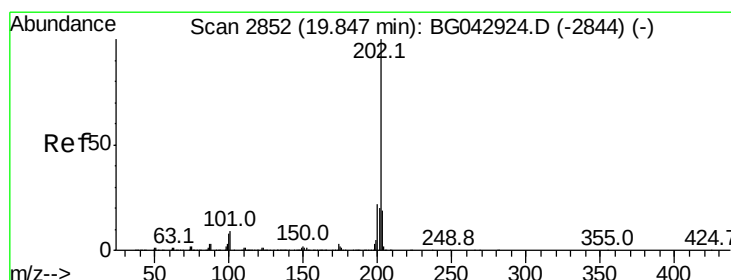
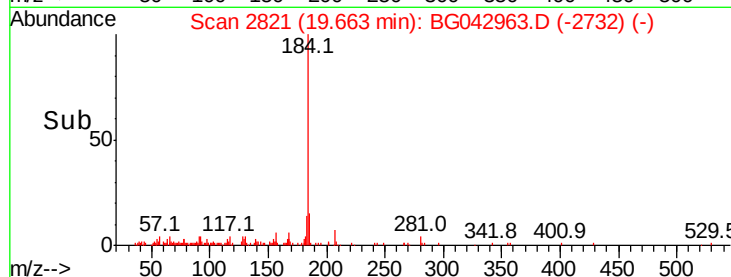
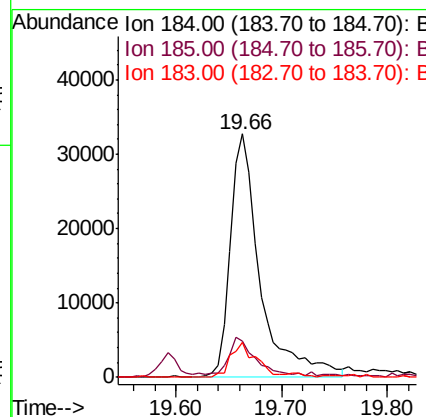
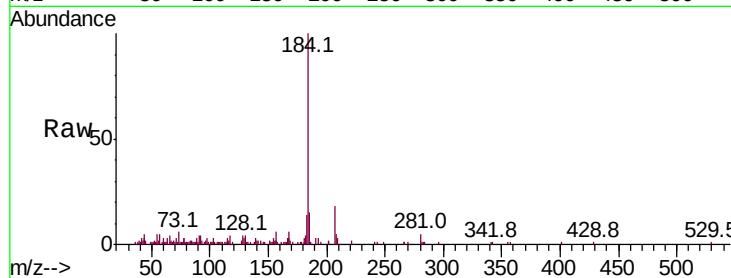
ClientSampleId :

BU-02-092419MS

Tot Ion:	184	Resp:	64120
Ion Ratio	Lower	Upper	
184	100		
185	14.7	11.8	17.8
183	14.5	10.1	15.1

Manual Integrations
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#78

Pyrene

Concen: 50.111 ng

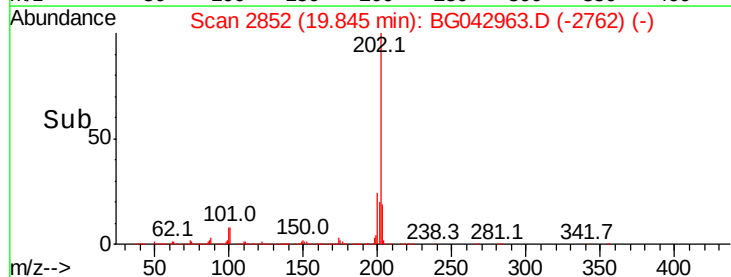
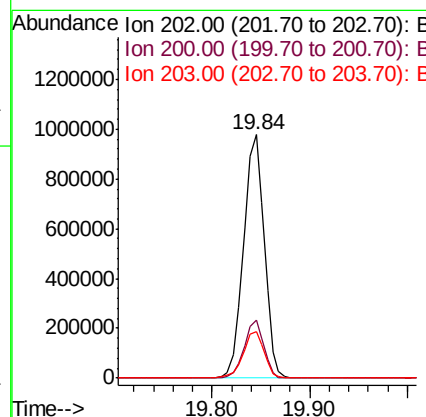
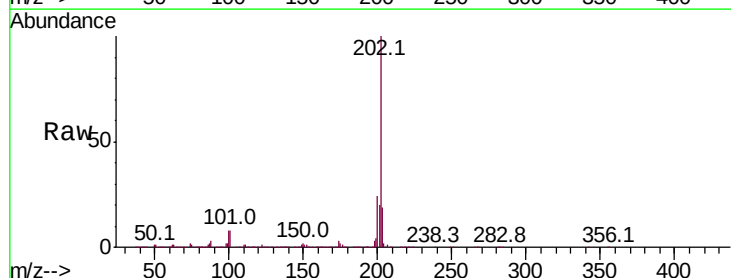
RT: 19.84 min Scan# 2852

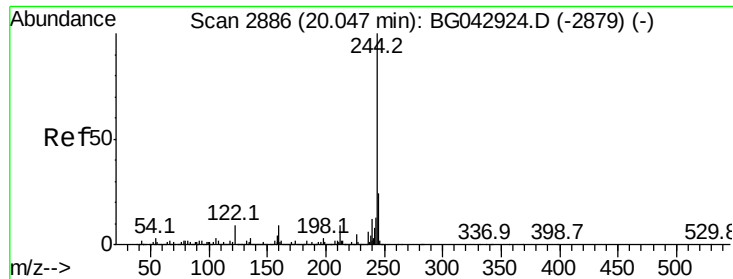
Delta R.T. -0.00 min

Lab File: BG042963.D

Acq: 1 Oct 2019 5:08

Tgt Ion:	202	Resp:	1441357
Ion Ratio	Lower	Upper	
202	100		
200	23.6	17.6	26.4
203	19.2	15.2	22.8





#79

Terphenyl-d14

Concen: 98.035 ng

RT: 20.04 min Scan# 2885

Delta R.T. -0.01 min

Lab File: BG042963.D

Acq: 1 Oct 2019 5:08

Instrument :

BNA_G

ClientSampleId :

BU-02-092419MS

Tot Ion:244 Resp: 2217114

Ion Ratio Lower Upper

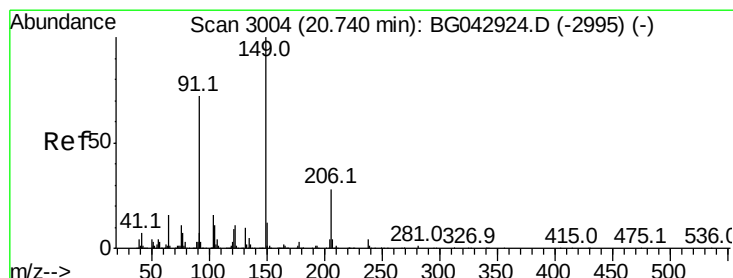
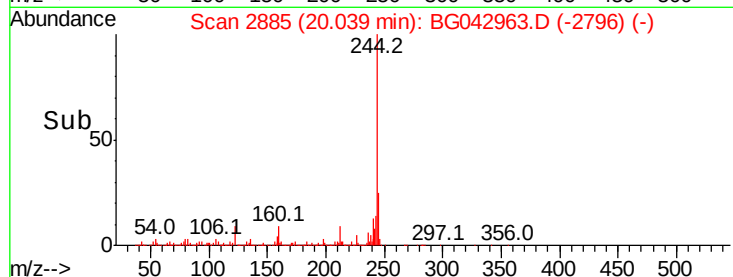
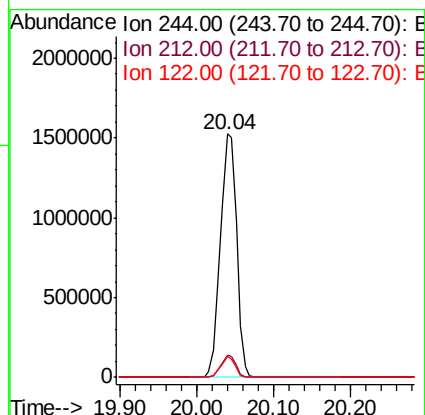
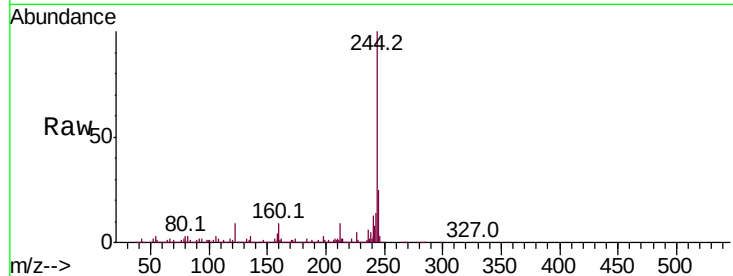
244 100

212 9.1 7.4 11.0

122 8.5 7.0 10.4

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#80

Butylbenzylphthalate

Concen: 51.042 ng

RT: 20.73 min Scan# 3002

Delta R.T. -0.01 min

Lab File: BG042963.D

Acq: 1 Oct 2019 5:08

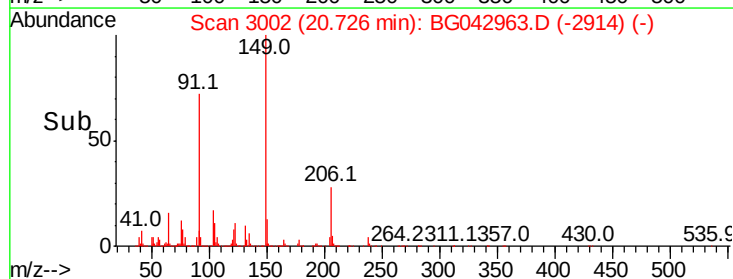
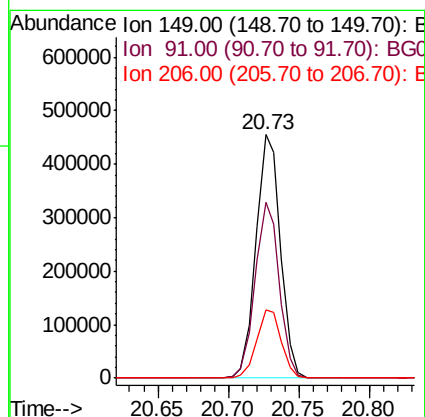
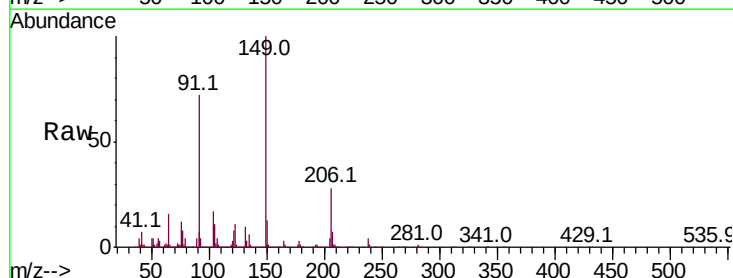
Tgt Ion:149 Resp: 557273

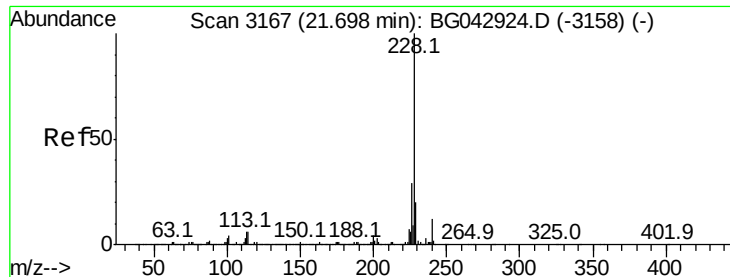
Ion Ratio Lower Upper

149 100

91 72.1 57.7 86.5

206 27.9 22.6 33.8





#81

Benzo(a)anthracene

Concen: 49.677 ng

RT: 21.68 min Scan# 3165

Delta R.T. -0.01 min

Lab File: BG042963.D

Acq: 1 Oct 2019 5:08

Instrument :

BNA_G

ClientSampleId :

BU-02-092419MS

Tot Ion:228 Resp: 1491655

Ion Ratio Lower Upper

228 100

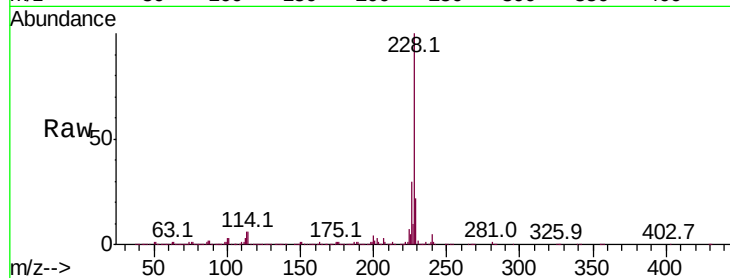
226 30.1 23.0 34.4

229 21.7 16.3 24.5

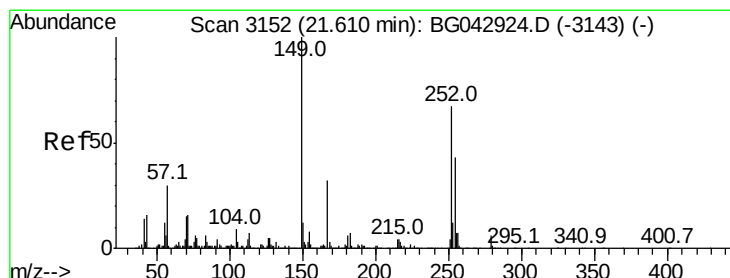
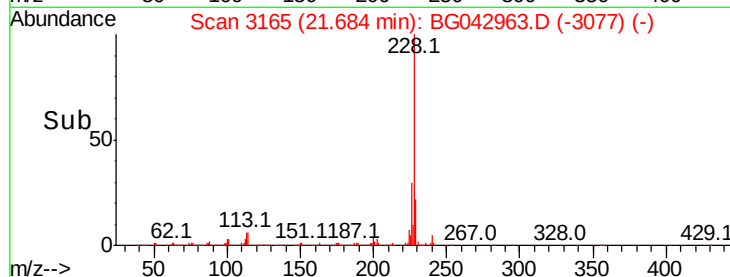
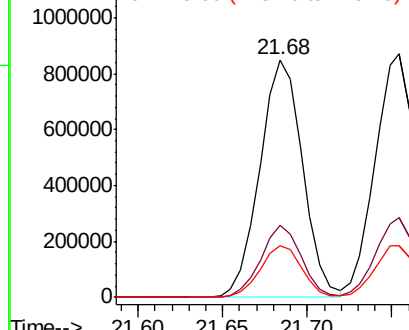
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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 25.311 ng

RT: 21.60 min Scan# 3151

Delta R.T. -0.01 min

Lab File: BG042963.D

Acq: 1 Oct 2019 5:08

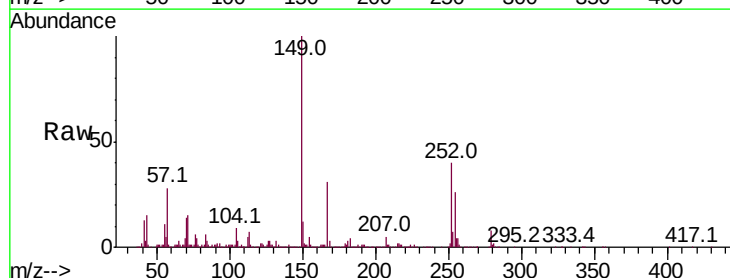
Tgt Ion:252 Resp: 298093

Ion Ratio Lower Upper

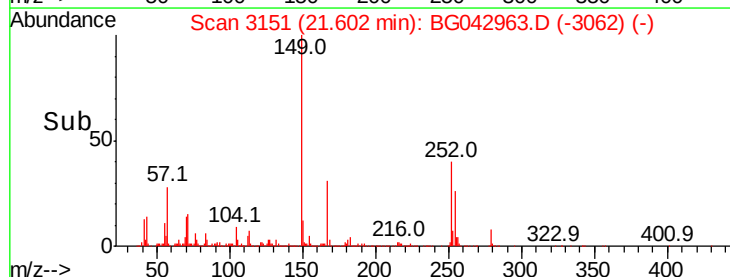
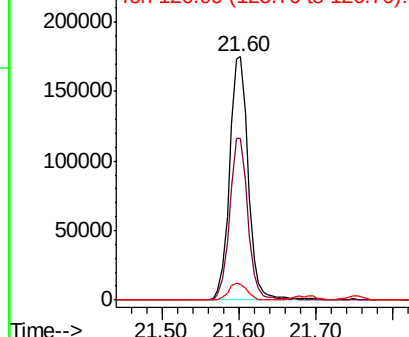
252 100

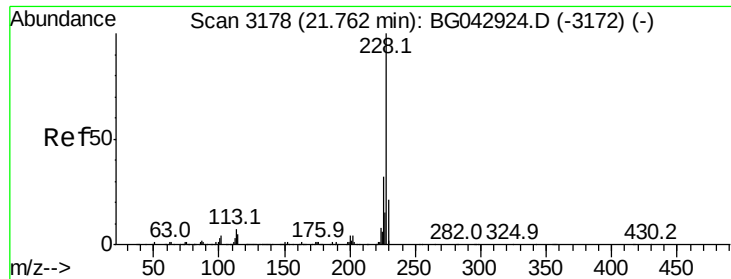
254 66.4 51.9 77.9

126 6.6 6.1 9.1



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





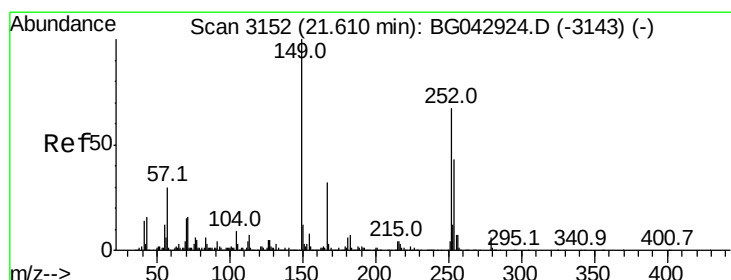
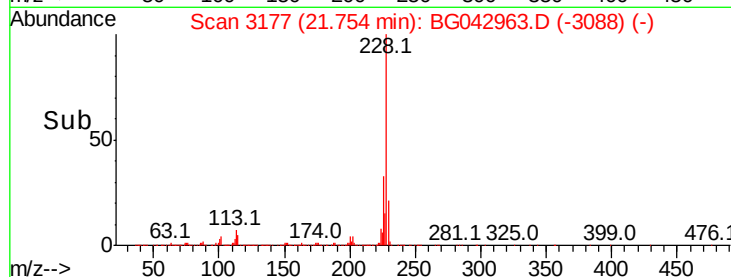
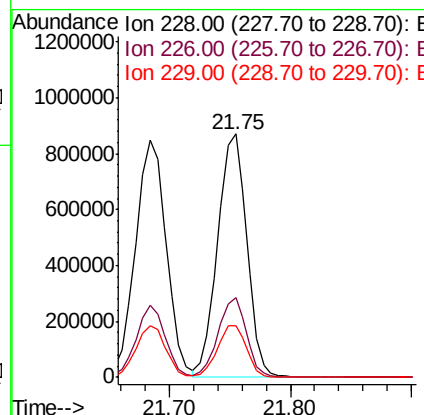
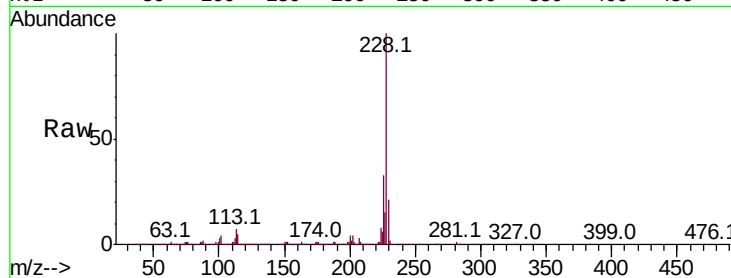
#83
Chrysene
Concen: 49.938 ng
RT: 21.75 min Scan# 3177
Delta R.T. -0.01 min
Lab File: BG042963.D
Acq: 1 Oct 2019 5:08

Instrument :
BNA_G
ClientSampleId :
BU-02-092419MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	32.6	25.6	38.4
229	21.4	16.9	25.3

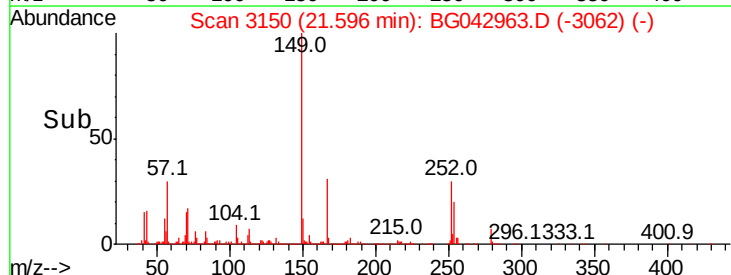
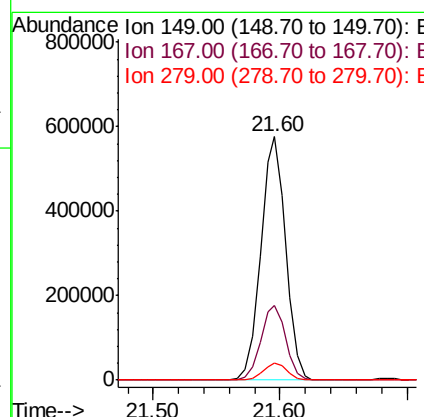
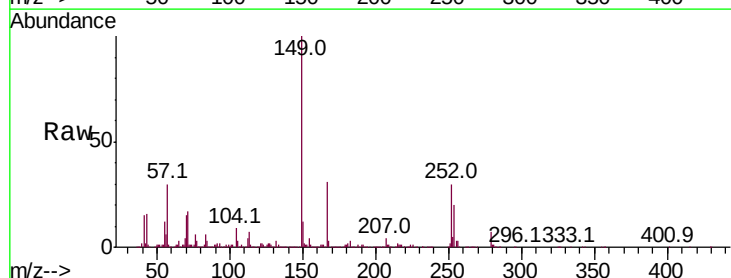
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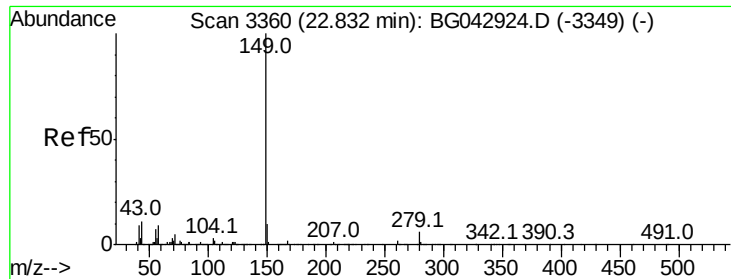
mohammad
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#84
Bis(2-ethylhexyl)phthalate
Concen: 50.437 ng
RT: 21.60 min Scan# 3150
Delta R.T. -0.01 min
Lab File: BG042963.D
Acq: 1 Oct 2019 5:08

Tgt Ion	Ratio	Lower	Upper
149	100		
167	30.7	25.4	38.2
279	6.9	5.1	7.7





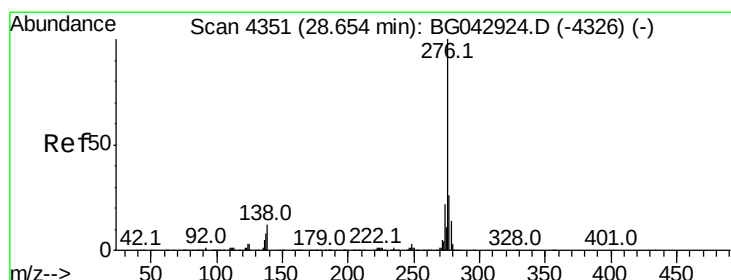
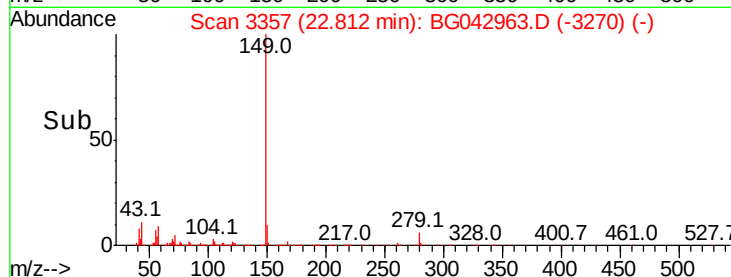
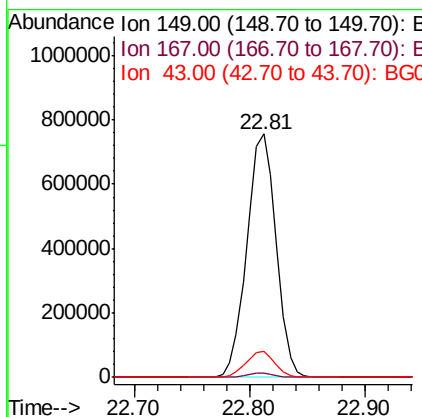
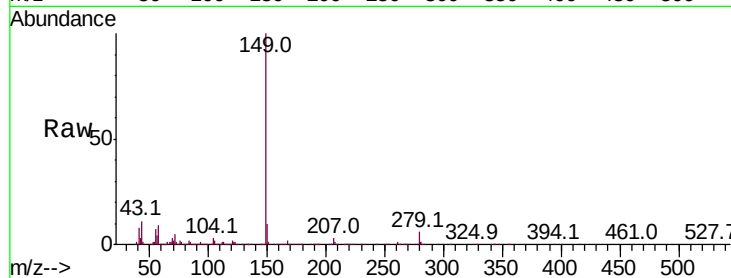
#85
Di-n-octyl phthalate
Concen: 52.475 ng
RT: 22.81 min Scan# 3357
Delta R.T. -0.02 min
Lab File: BG042963.D
Acq: 1 Oct 2019 5:08

Instrument :
BNA_G
ClientSampleId :
BU-02-092419MS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.4	2.0
43	10.6	8.7	13.1

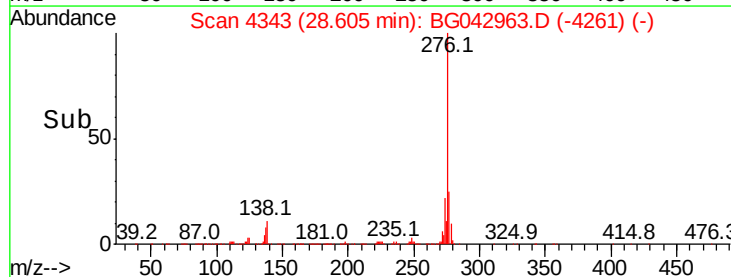
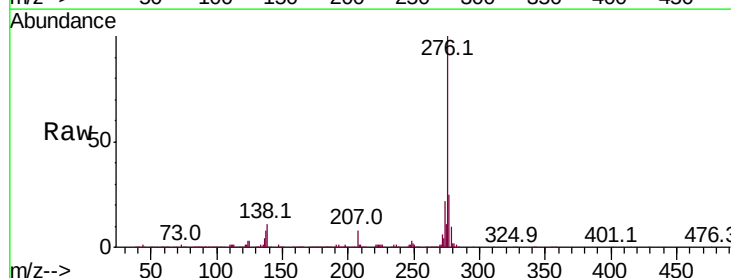
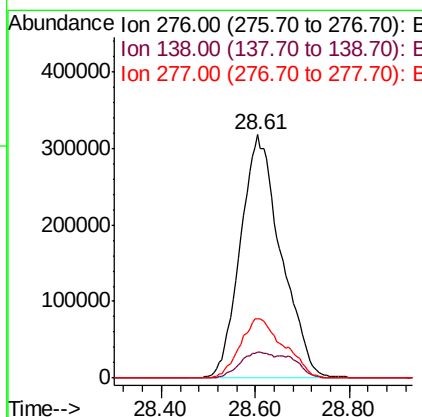
Manual Integrations
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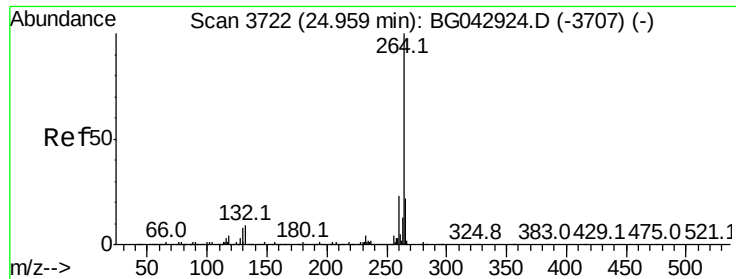
mohammad
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#86
Indeno(1,2,3-cd)pyrene
Concen: 52.401 ng
RT: 28.61 min Scan# 4343
Delta R.T. -0.05 min
Lab File: BG042963.D
Acq: 1 Oct 2019 5:08

Tgt Ion	Ratio	Lower	Upper
276	100		
138	13.8	7.0	10.6#
277	26.3	20.9	31.3





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.93 min Scan# 3717

Delta R.T. -0.03 min

Lab File: BG042963.D

Acq: 1 Oct 2019 5:08

Instrument :

BNA_G

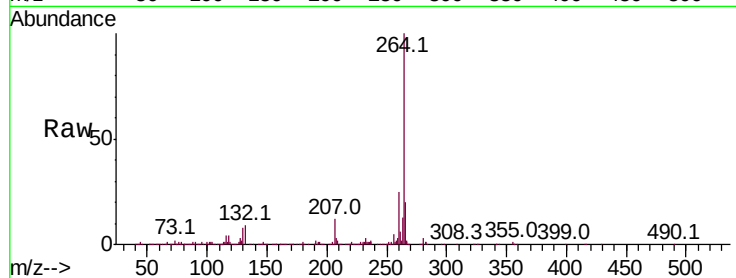
ClientSampleId :

BU-02-092419MS

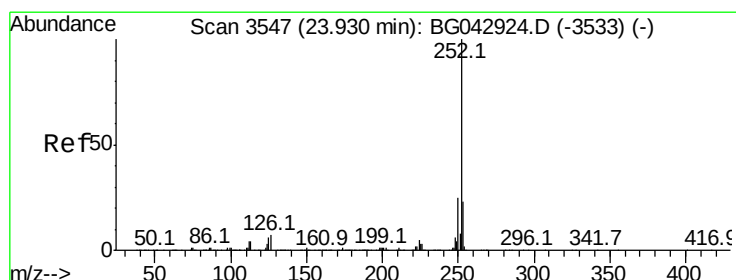
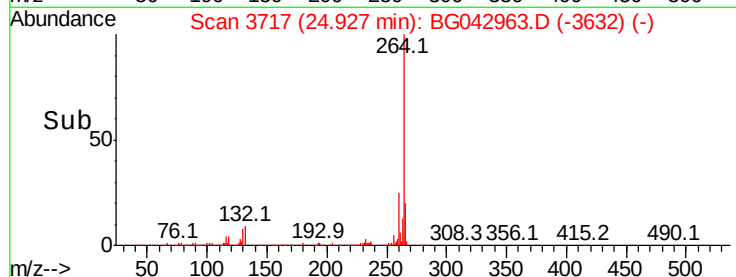
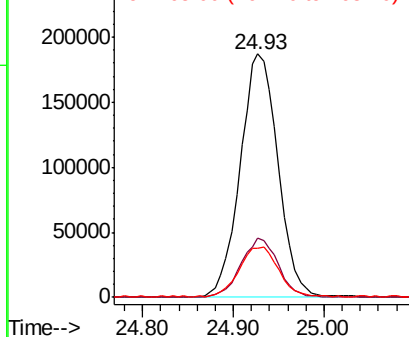
Tot Ion:	264	Resp:	542069
Ion Ratio	Lower	Upper	
264	100		
260	24.6	18.7	28.1
265	20.4	17.7	26.5

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



#88

Benzo(b)fluoranthene

Concen: 51.852 ng

RT: 23.91 min Scan# 3544

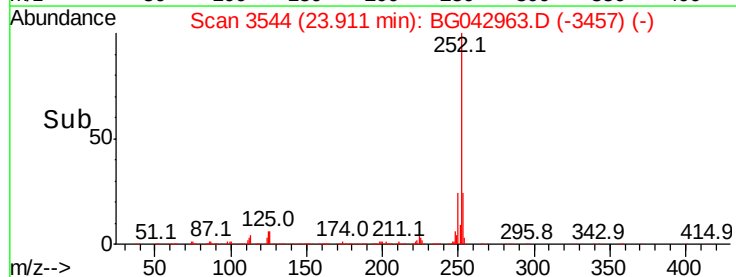
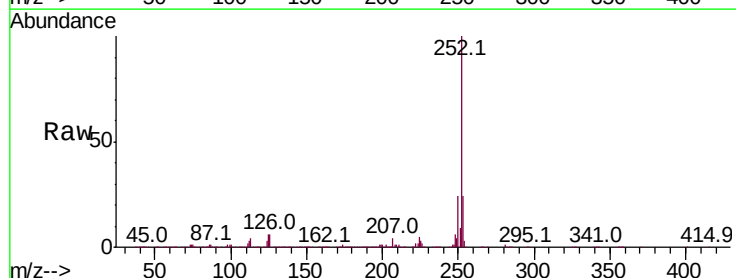
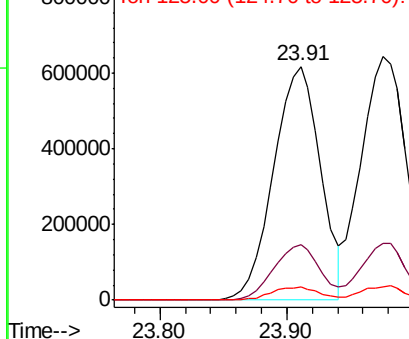
Delta R.T. -0.02 min

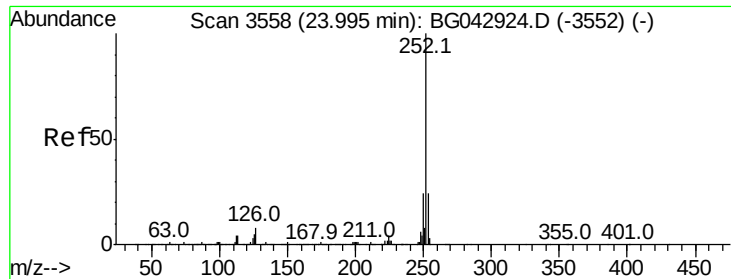
Lab File: BG042963.D

Acq: 1 Oct 2019 5:08

Tgt Ion:	252	Resp:	1590383
Ion Ratio	Lower	Upper	
252	100		
253	23.6	18.2	27.2
125	5.7	4.6	7.0

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





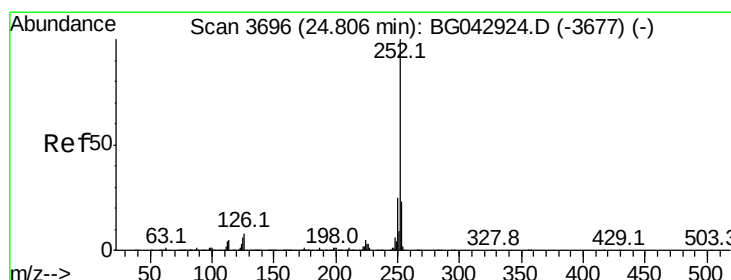
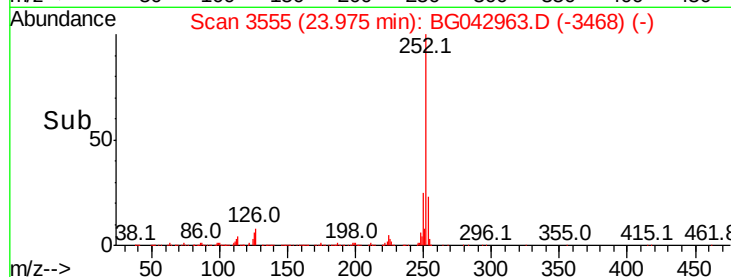
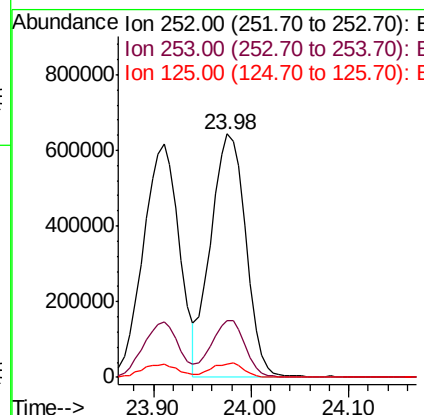
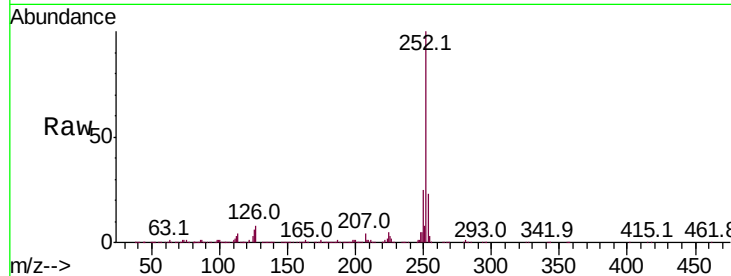
#89
Benzo(k)fluoranthene
Concen: 52.698 ng
RT: 23.98 min Scan# 3555
Delta R.T. -0.02 min
Lab File: BG042963.D
Acq: 1 Oct 2019 5:08

Instrument :
BNA_G
ClientSampleId :
BU-02-092419MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.9	28.3
125	5.6	4.5	6.7

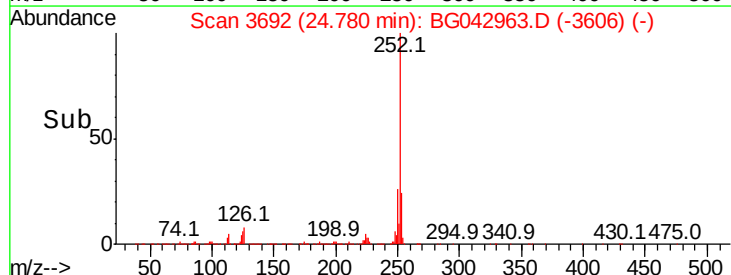
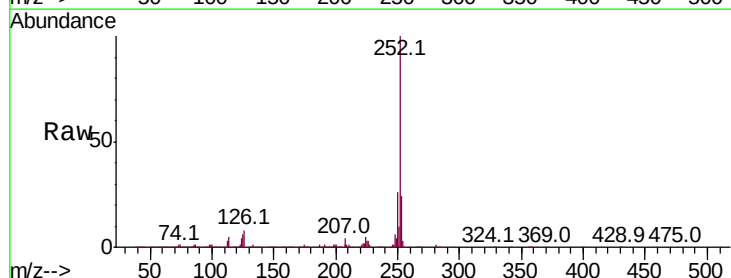
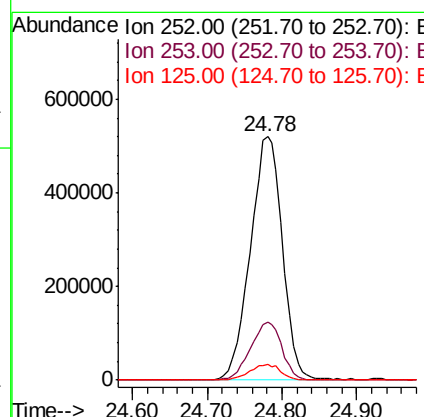
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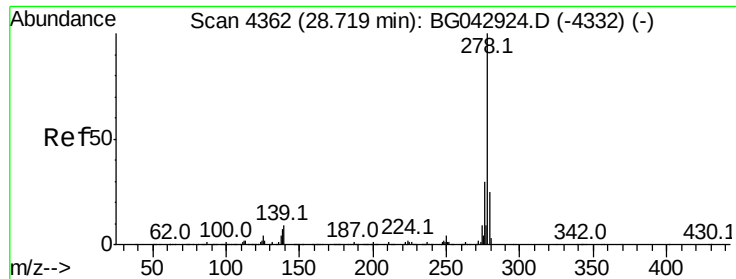
mohammad
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#90
Benzo(a)pyrene
Concen: 53.539 ng
RT: 24.78 min Scan# 3692
Delta R.T. -0.03 min
Lab File: BG042963.D
Acq: 1 Oct 2019 5:08

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.8	18.2	27.4
125	6.4	5.0	7.6





#91

Dibenzo(a,h)anthracene

Concen: 53.917 ng

RT: 28.67 min Scan# 4354

Delta R.T. -0.05 min

Lab File: BG042963.D

Acq: 1 Oct 2019 5:08

Instrument :

BNA_G

ClientSampleId :

BU-02-092419MS

Tot Ion:278 Resp: 1599898

Ion Ratio Lower Upper

278 100

139 8.7 6.8 10.2

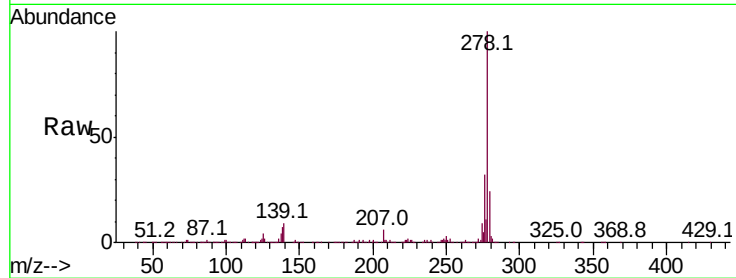
279 23.9 20.1 30.1

Manual Integrations

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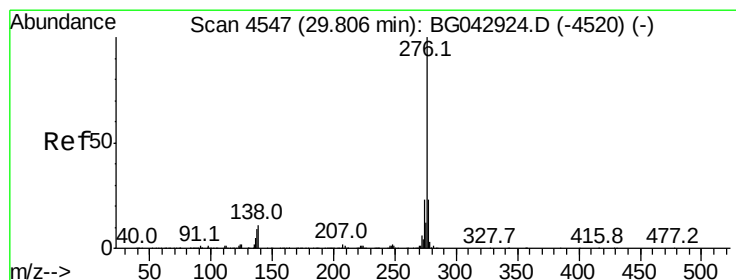
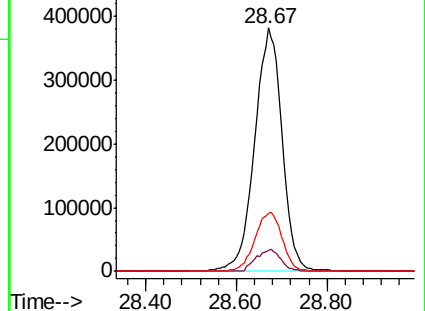
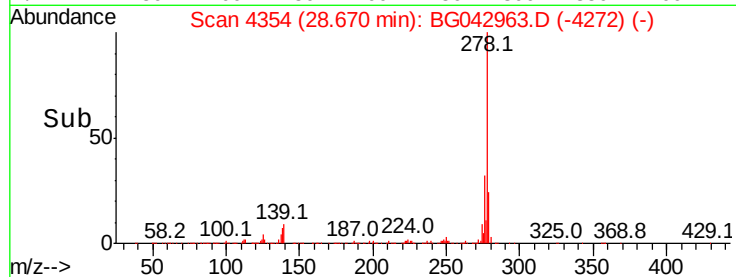
10/2/2019 8:33:27 AM



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 54.856 ng

RT: 29.76 min Scan# 4540

Delta R.T. -0.04 min

Lab File: BG042963.D

Acq: 1 Oct 2019 5:08

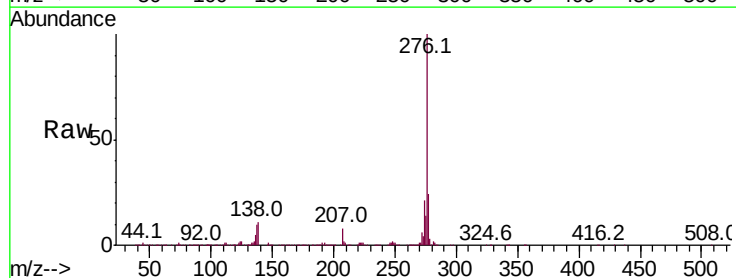
Tgt Ion:276 Resp: 1577157

Ion Ratio Lower Upper

276 100

277 24.2 18.4 27.6

138 11.3 8.6 12.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

