

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112319\
 Data File : BG043764.D
 Acq On : 23 Nov 2019 20:16
 Operator : JU
 Sample : K5676-25MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SU-02-112019MS

Manual Integrations
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mohammad
 11/25/2019 2:33:45 PM

Quant Time: Nov 25 03:14:50 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG112219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Nov 23 00:54:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	37568	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	210681	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	198530	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	579629	20.00	ng	0.00
76) Chrysene-d12	21.66	240	690413	20.00	ng	0.00
87) Perylene-d12	24.84	264	614863	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.61	112	388460	185.89	ng	0.00
7) Phenol-d6	7.18	99	636164	209.42	ng	0.00
23) Nitrobenzene-d5	9.18	82	333671	87.08	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	375919	156.99	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	989417	81.92	ng	0.00
79) Terphenyl-d14	20.01	244	2481882	81.23	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.52	88	29757	32.116	ng	# 51
3) Pyridine	3.93	79	142536	54.634	ng	97
4) n-Nitrosodimethylamine	3.82	42	60384	46.593	ng	94
6) Aniline	7.34	93	129512	32.716	ng	98
8) 2-Chlorophenol	7.59	128	146771	61.581	ng	96
9) Benzaldehyde	7.16	77	23609	13.011	ng	93
10) Phenol	7.21	94	217406	69.716	ng	96
11) bis(2-Chloroethyl)ether	7.44	93	131841	50.657	ng	94
12) 1,3-Dichlorobenzene	7.92	146	112568	40.121	ng	97
13) 1,4-Dichlorobenzene	8.07	146	118238	41.606	ng	96
14) 1,2-Dichlorobenzene	8.38	146	117943	43.863	ng	100
15) Benzyl Alcohol	8.26	79	166835	65.754	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.56	45	207302	46.315	ng	99
17) 2-Methylphenol	8.46	107	152412	68.359	ng	94
18) Hexachloroethane	9.12	117	41255	38.456	ng	93
19) n-Nitroso-di-n-propylamine	8.83	70	136288	57.052	ng	# 93
20) 3+4-Methylphenols	8.78	107	223269	71.779	ng	98
22) Acetophenone	8.84	105	233986	41.903	ng	# 95
24) Nitrobenzene	9.22	77	174127	44.210	ng	97
25) Isophorone	9.75	82	412327	50.184	ng	97
26) 2-Nitrophenol	9.94	139	71101	50.035	ng	97
27) 2,4-Dimethylphenol	9.99	122	182576	65.433	ng	93
28) bis(2-Chloroethoxy)methane	10.24	93	228174	45.058	ng	99
29) 2,4-Dichlorophenol	10.47	162	197974	58.363	ng	97
30) 1,2,4-Trichlorobenzene	10.69	180	156189	39.293	ng	96
31) Naphthalene	10.88	128	472542	45.215	ng	99
32) Benzoic acid	10.11	122	119076	59.177	ng	98
33) 4-Chloroaniline	10.98	127	47978	9.528	ng	99
34) Hexachlorobutadiene	11.18	225	90051	34.451	ng	96
35) Caprolactam	11.74	113	92055m	66.740	ng	
36) 4-Chloro-3-methylphenol	12.10	107	250654	65.752	ng	100
37) 2-Methylnaphthalene	12.49	142	403714	51.260	ng	99
38) 1-Methylnaphthalene	12.70	142	398278	53.284	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	226474	35.851	ng	98

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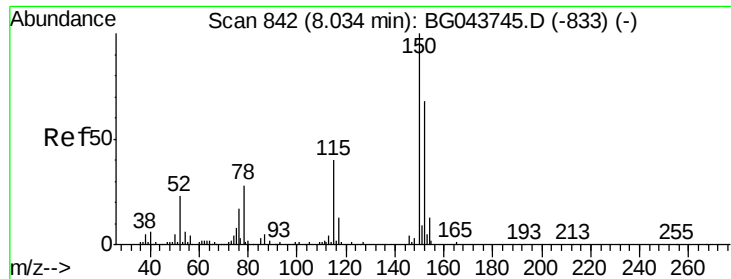
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	247775	72.597	ng	100
43) 2,4,6-Trichlorophenol	13.08	196	190687	46.934	ng	97
44) 2,4,5-Trichlorophenol	13.16	196	218695	51.741	ng	96
46) 1,1'-Biphenyl	13.49	154	573176	41.651	ng	100
47) 2-Chloronaphthalene	13.53	162	457803	40.794	ng	98
48) 2-Nitroaniline	13.72	65	159713	48.612	ng	98
49) Acenaphthylene	14.38	152	817151	46.281	ng	98
50) Dimethylphthalate	14.11	163	751164	47.763	ng	99
51) 2,6-Dinitrotoluene	14.21	165	161176	55.187	ng	98
52) Acenaphthene	14.72	154	559419	49.544	ng	99
53) 3-Nitroaniline	14.54	138	66241	19.418	ng	96
54) 2,4-Dinitrophenol	14.75	184	145981	122.339	ng	# 63
55) Dibenzofuran	15.05	168	827584	47.047	ng	99
56) 4-Nitrophenol	14.85	139	351826	122.443	ng	94
57) 2,4-Dinitrotoluene	15.01	165	231871	57.247	ng	95
58) Fluorene	15.70	166	700666	48.571	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.28	232	222444m	52.399	ng	
60) Diethylphthalate	15.48	149	774731	48.983	ng	99
61) 4-Chlorophenyl-phenylether	15.69	204	369476	46.520	ng	97
62) 4-Nitroaniline	15.71	138	168857	43.167	ng	96
63) Azobenzene	15.99	77	700642	47.333	ng	99
65) 4,6-Dinitro-2-methylphenol	15.77	198	110137	50.929	ng	95
66) n-Nitrosodiphenylamine	15.91	169	644830	42.018	ng	98
67) 4-Bromophenyl-phenylether	16.59	248	257156	42.070	ng	97
68) Hexachlorobenzene	16.71	284	277518	41.530	ng	96
69) Atrazine	16.86	200	217100	35.298	ng	98
70) Pentachlorophenol	17.04	266	401129	98.375	ng	99
71) Phenanthrene	17.44	178	1297337	45.234	ng	98
72) Anthracene	17.53	178	1323291	45.675	ng	97
73) Carbazole	17.79	167	1284384	45.836	ng	98
74) Di-n-butylphthalate	18.37	149	1522407	41.439	ng	98
75) Fluoranthene	19.45	202	1775379	43.154	ng	95
77) Benzidine	19.62	184	76771	3.807	ng	97
78) Pyrene	19.81	202	1833110	41.140	ng	97
80) Butylbenzylphthalate	20.71	149	891173	43.904	ng	99
81) Benzo(a)anthracene	21.65	228	1991745	43.152	ng	96
82) 3,3'-Dichlorobenzidine	21.55	252	143406	8.285	ng	99
83) Chrysene	21.71	228	1886824	43.201	ng	95
84) Bis(2-ethylhexyl)phthalate	21.58	149	1251144	43.807	ng	96
85) Di-n-octyl phthalate	22.79	149	1771289	38.236	ng	98
86) Indeno(1,2,3-cd)pyrene	28.46	276	1934144	38.070	ng	98
88) Benzo(b)fluoranthene	23.84	252	1682086	45.819	ng	97
89) Benzo(k)fluoranthene	23.91	252	1610034	45.697	ng	99
90) Benzo(a)pyrene	24.69	252	1507892	43.681	ng	99
91) Dibenzo(a,h)anthracene	28.53	278	1586493	47.381	ng	98
92) Benzo(g,h,i)perylene	29.59	276	1613845	48.875	ng	99

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



#1

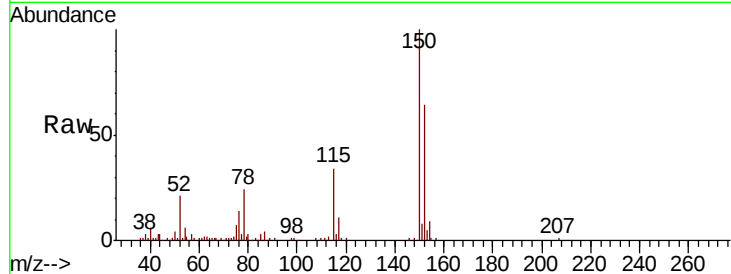
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 840
Delta R.T. -0.01 min
Lab File: BG043764.D
Acq: 23 Nov 2019 20:16

Instrument :
BNA_G
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SU-02-112019MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.0	117.8	176.8
115	53.5	47.0	70.4

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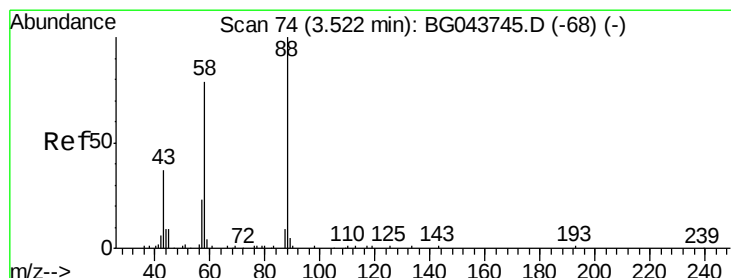
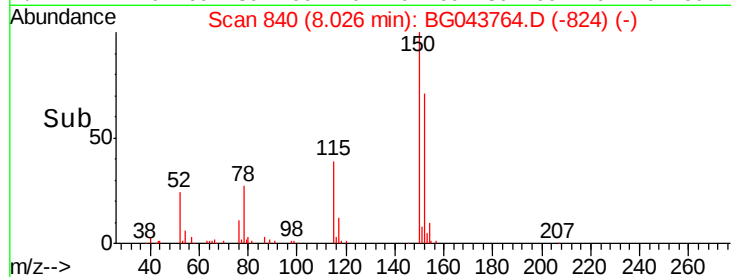
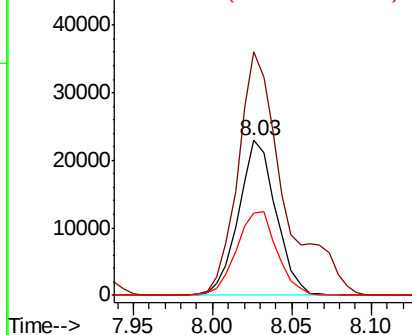


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

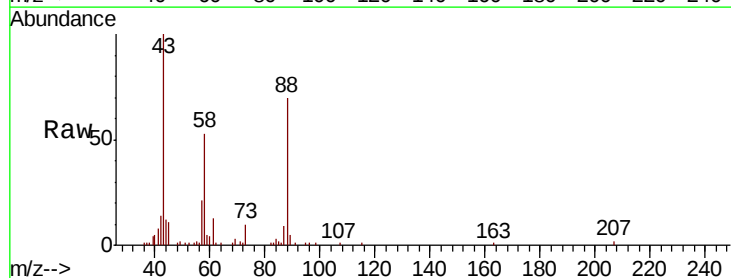
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 32.116 ng
RT: 3.52 min Scan# 73
Delta R.T. -0.00 min
Lab File: BG043764.D
Acq: 23 Nov 2019 20:16

Tgt Ion	Ratio	Lower	Upper
88	100		
58	77.1	62.3	93.5
43	125.7	28.9	43.3#

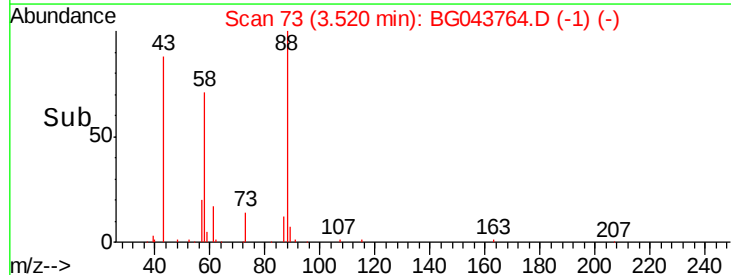
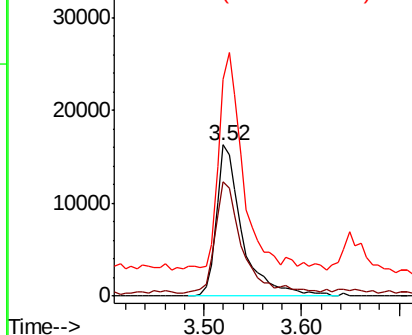


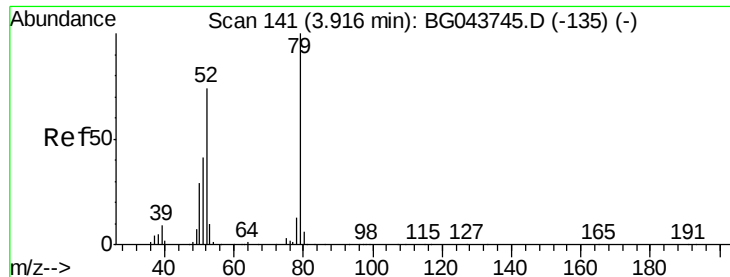
Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 54.634 ng

RT: 3.93 min Scan# 142

Delta R.T. 0.01 min

Lab File: BG043764.D

Acq: 23 Nov 2019 20:16

Instrument :

BNA_G

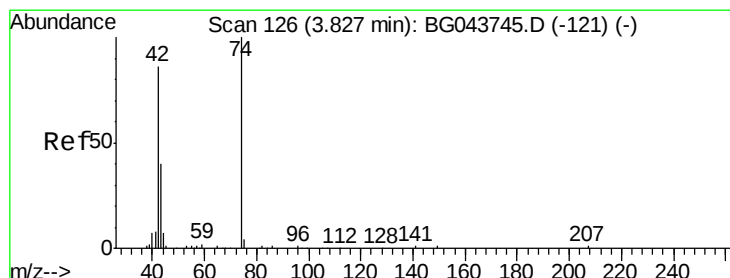
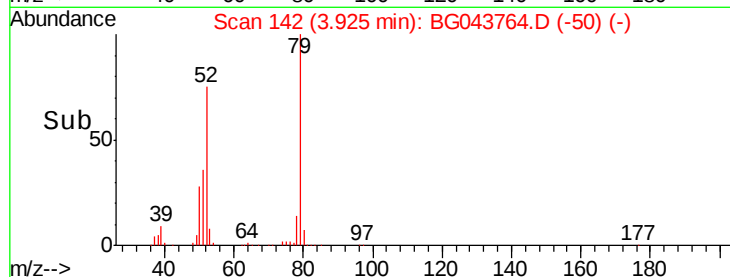
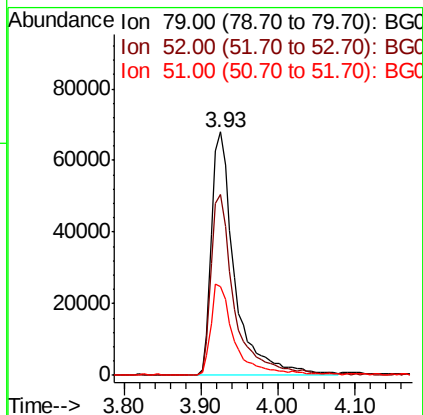
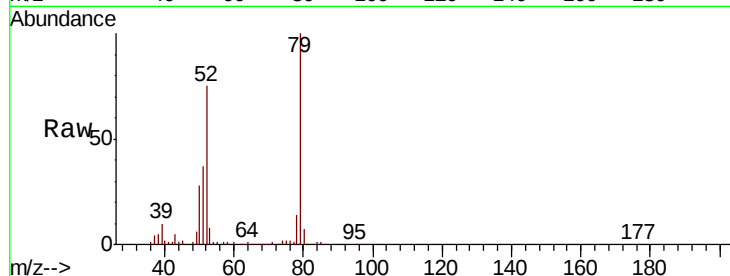
ClientSampleId :

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Tot Ion:	79	Resp:	142536
Ion	Ratio	Lower	Upper
79	100		
52	74.5	59.0	88.6
51	36.6	32.9	49.3

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#4

n-Nitrosodimethylamine

Concen: 46.593 ng

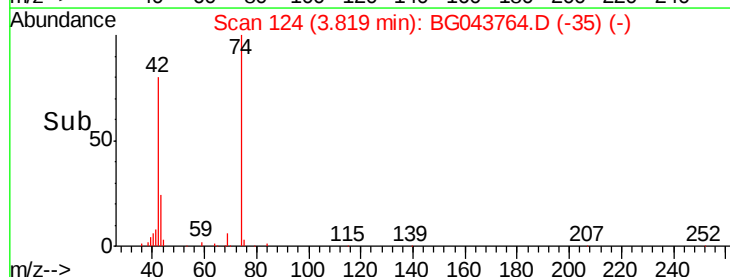
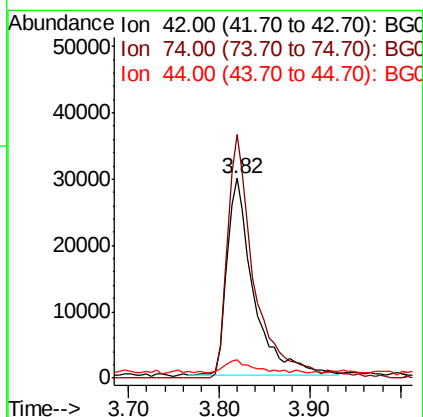
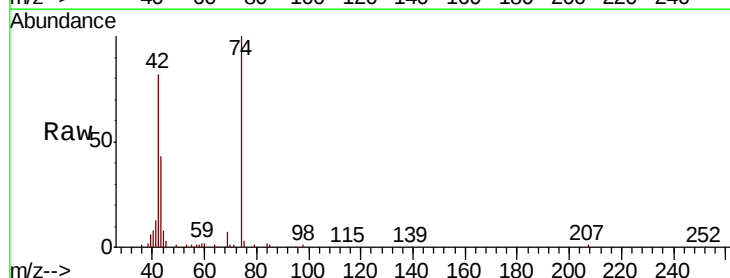
RT: 3.82 min Scan# 124

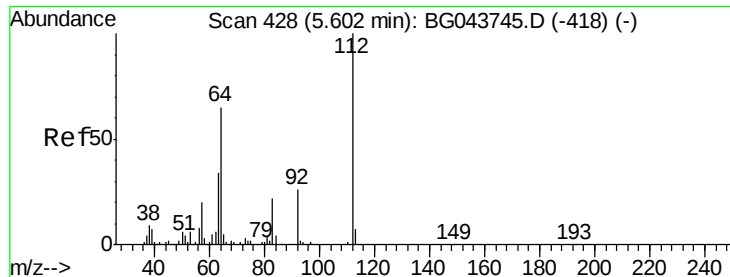
Delta R.T. -0.01 min

Lab File: BG043764.D

Acq: 23 Nov 2019 20:16

Tgt Ion:	42	Resp:	60384
Ion	Ratio	Lower	Upper
42	100		
74	121.7	91.9	137.9
44	9.3	9.1	13.7





#5

2-Fluorophenol

Concen: 185.894 ng

RT: 5.61 min Scan# 428

Delta R.T. 0.00 min

Lab File: BG043764.D

Acq: 23 Nov 2019 20:16

Instrument :

BNA_G

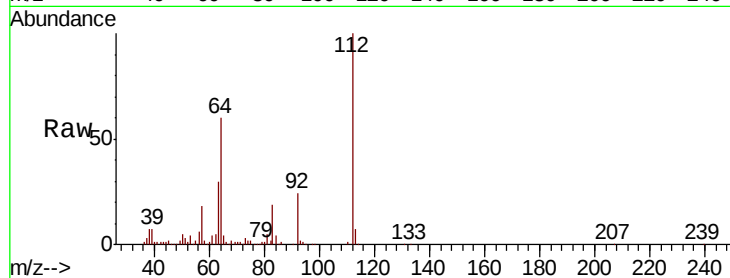
ClientSampleId :

SU-02-112019MS

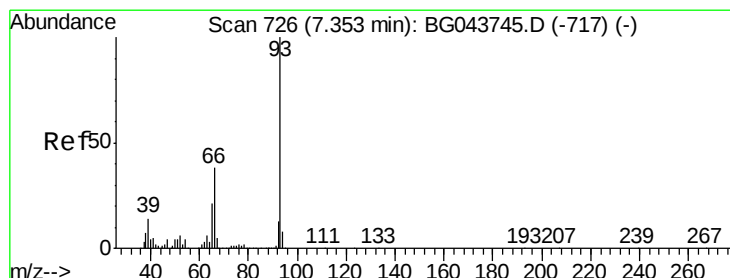
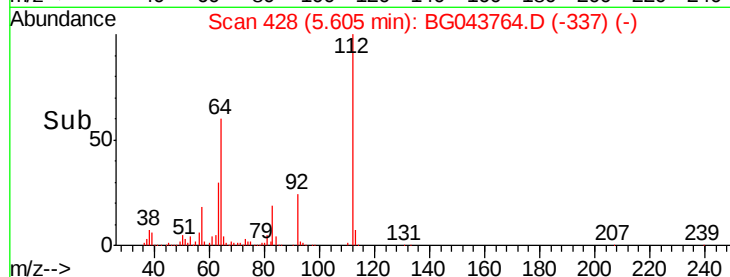
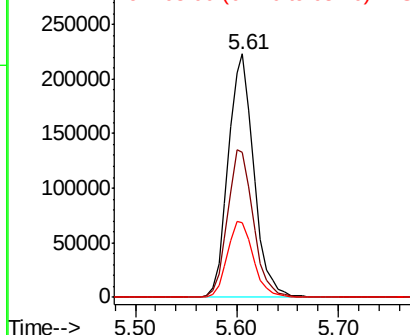
Tot Ion:	112	Resp:	388460
Ion Ratio	Lower	Upper	
112	100		
64	59.8	51.7	77.5
63	30.5	26.8	40.2

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Abundance Ion 112.00 (111.70 to 112.70): BGC
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 32.716 ng

RT: 7.34 min Scan# 724

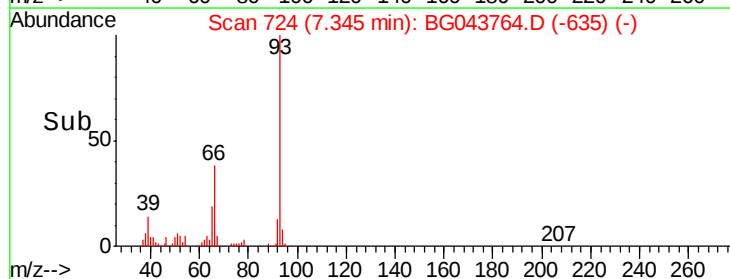
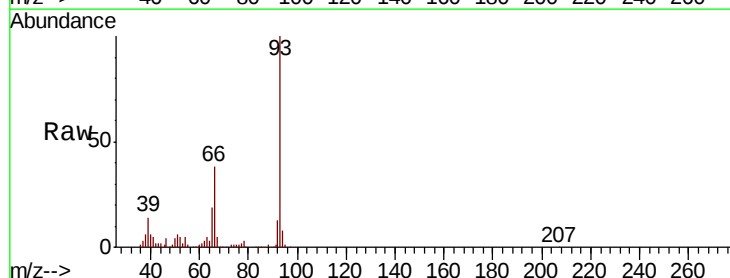
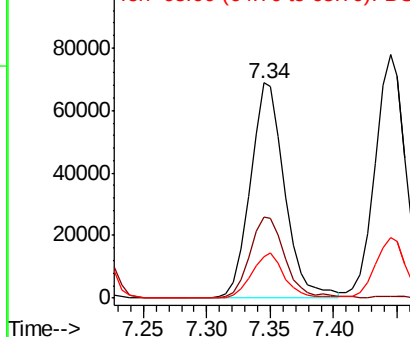
Delta R.T. -0.01 min

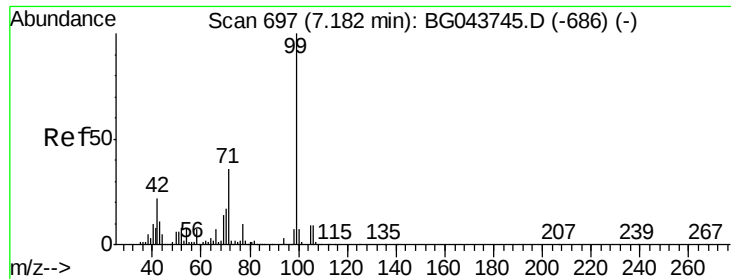
Lab File: BG043764.D

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Tgt Ion:	93	Resp:	129512
Ion Ratio	Lower	Upper	
93	100		
66	37.6	30.6	46.0
65	19.4	16.8	25.2

Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 66.00 (65.70 to 66.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 209.422 ng

RT: 7.18 min Scan# 696

Delta R.T. -0.00 min

Lab File: BG043764.D

Acq: 23 Nov 2019 20:16

Instrument :

BNA_G

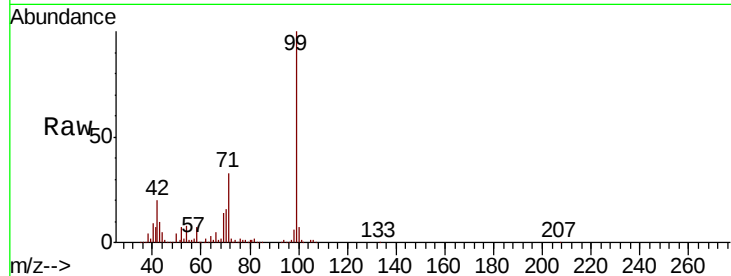
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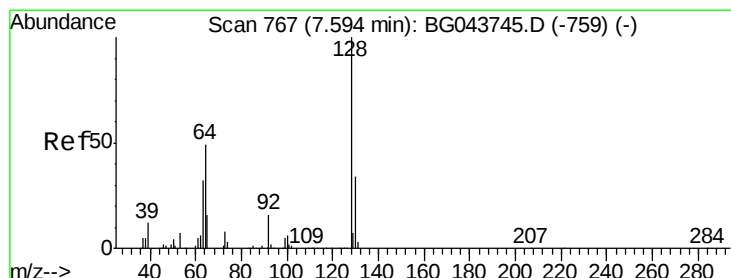
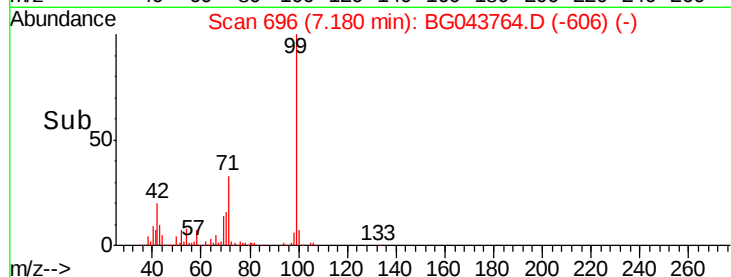
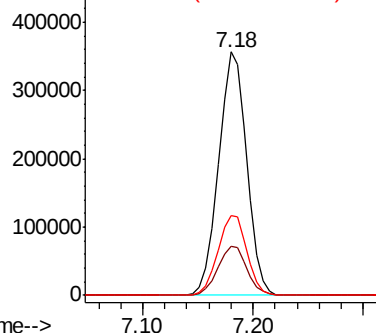
Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		636164		
42	20.3	17.4	26.0		
71	32.9	29.5	44.3		

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



#8

2-Chlorophenol

Concen: 61.581 ng

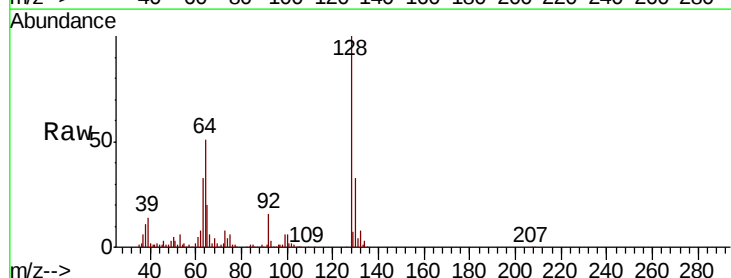
RT: 7.59 min Scan# 766

Delta R.T. -0.00 min

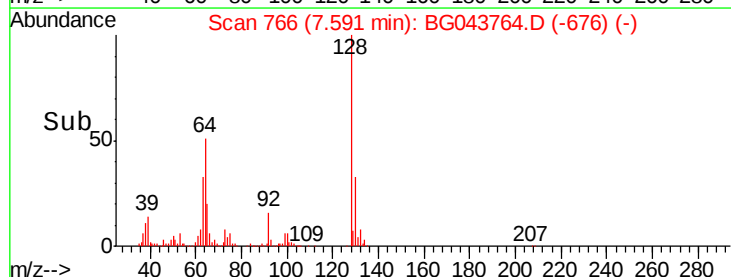
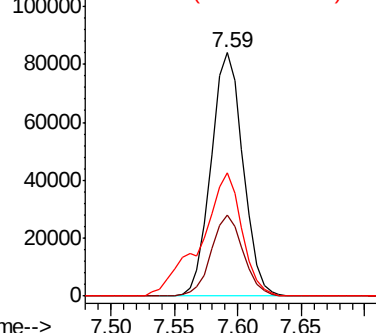
Lab File: BG043764.D

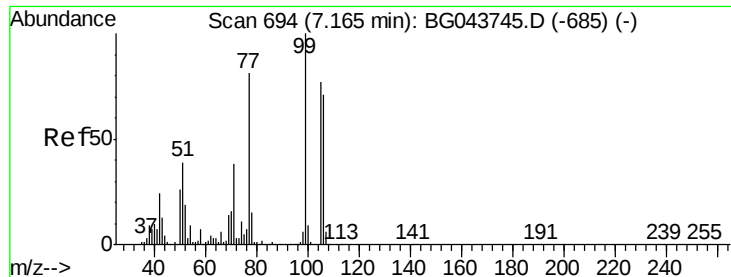
Acq: 23 Nov 2019 20:16

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		146771		
130	33.1	14.3	54.3		
64	50.6	34.5	74.5		



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





#9

Benzaldehyde

Concen: 13.011 ng

RT: 7.16 min Scan# 692

Delta R.T. -0.01 min

Lab File: BG043764.D

Acq: 23 Nov 2019 20:16

Instrument :

BNA_G

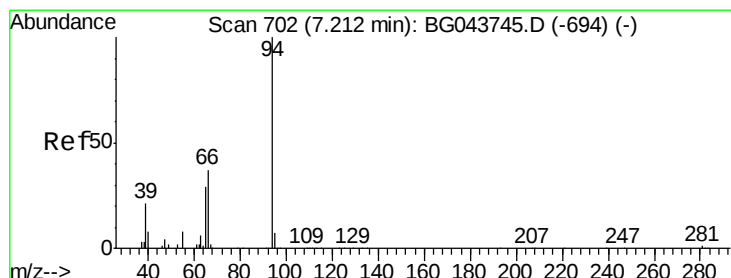
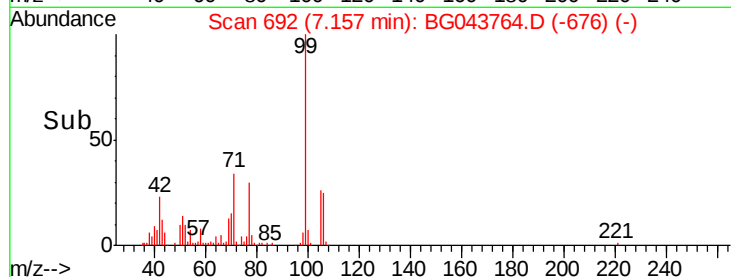
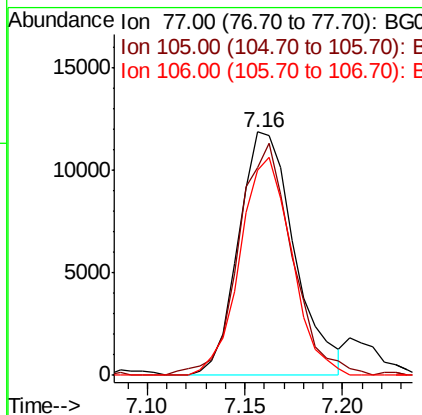
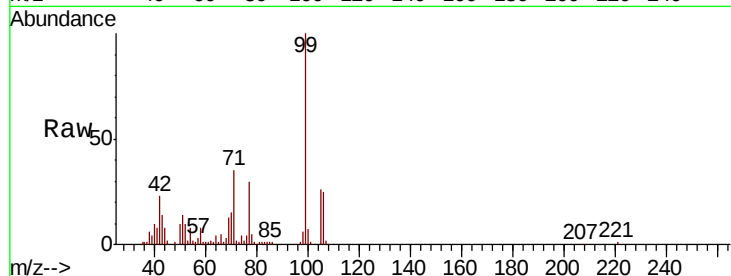
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Tot Ion:	77	Resp:	23609
Ion	Ratio	Lower	Upper
77	100		
105	85.4	75.0	115.0
106	84.1	67.4	107.4

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#10

Phenol

Concen: 69.716 ng

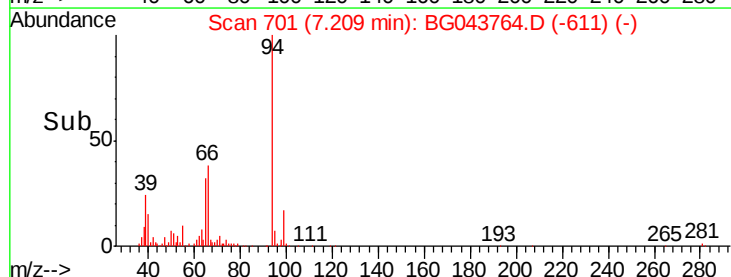
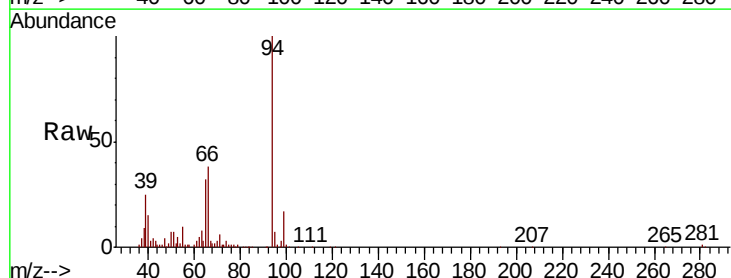
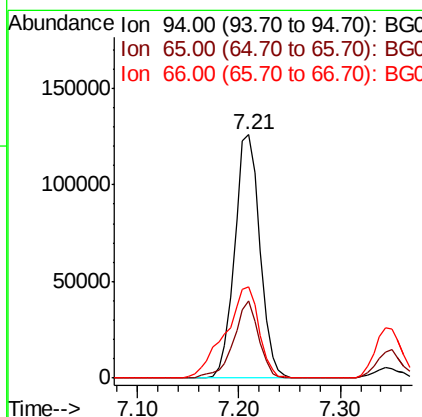
RT: 7.21 min Scan# 701

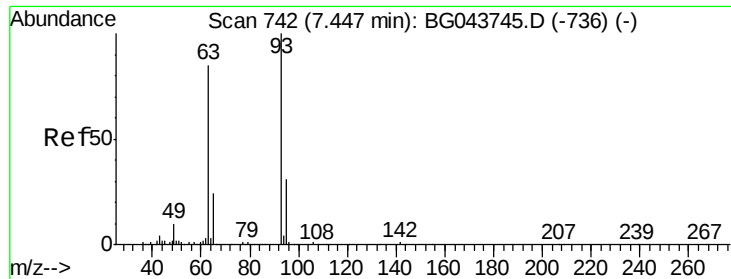
Delta R.T. -0.00 min

Lab File: BG043764.D

Acq: 23 Nov 2019 20:16

Tgt Ion:	94	Resp:	217406
Ion	Ratio	Lower	Upper
94	100		
65	31.6	10.3	50.3
66	37.6	20.5	60.5





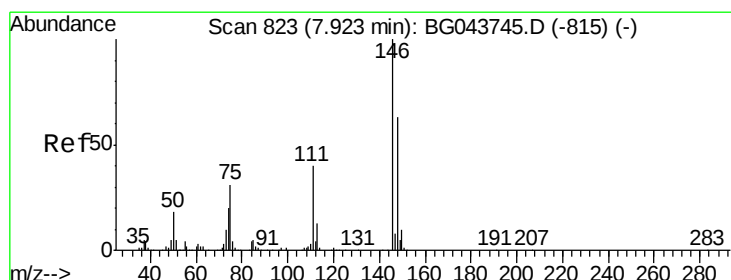
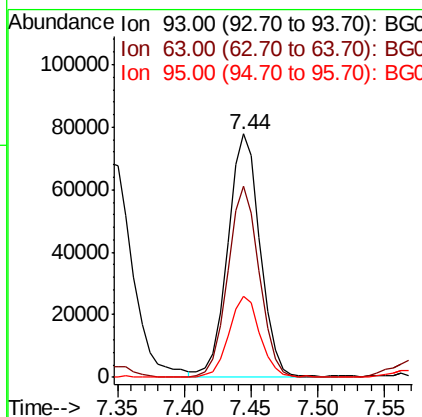
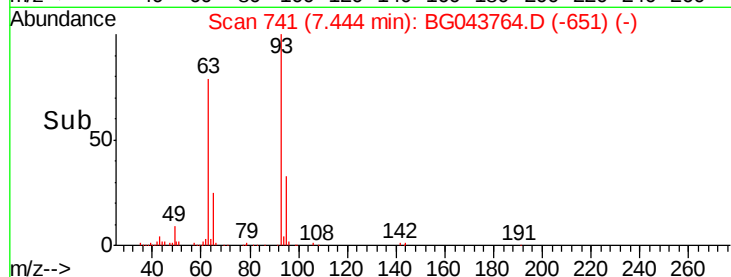
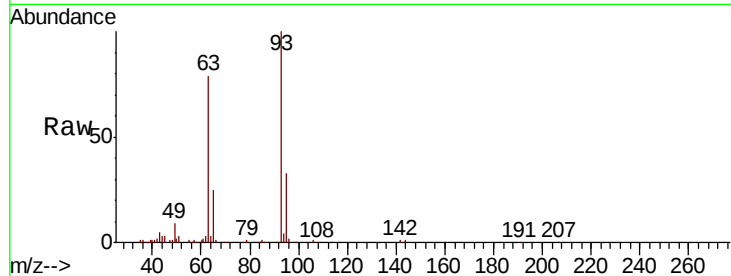
#11
bis(2-Chloroethyl)ether
Concen: 50.657 ng
RT: 7.44 min Scan# 741
Delta R.T. -0.00 min
Lab File: BG043764.D
Acq: 23 Nov 2019 20:16

Instrument :
BNA_G
ClientSampleId :
SU-02-112019MS

Tot Ion	Ratio	Lower	Upper
93	100		
63	78.6	64.4	104.4
95	33.4	11.3	51.3

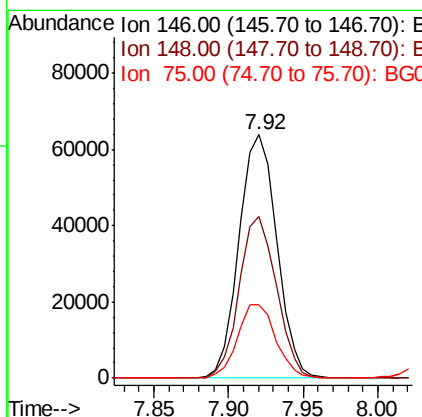
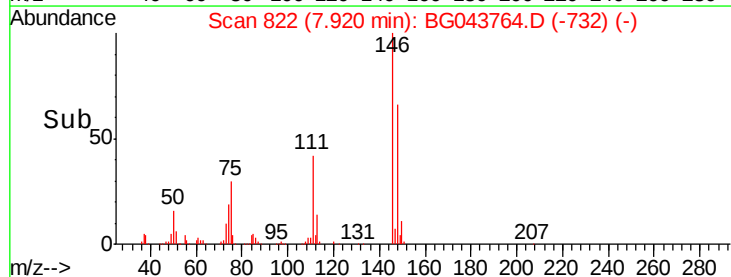
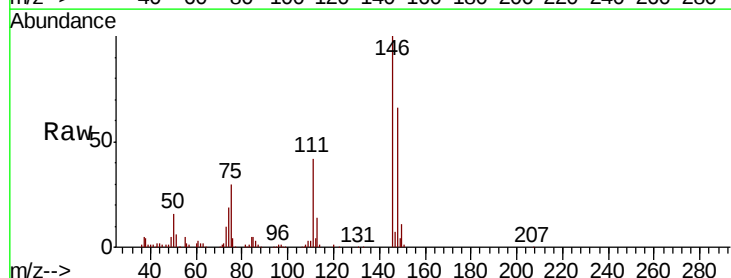
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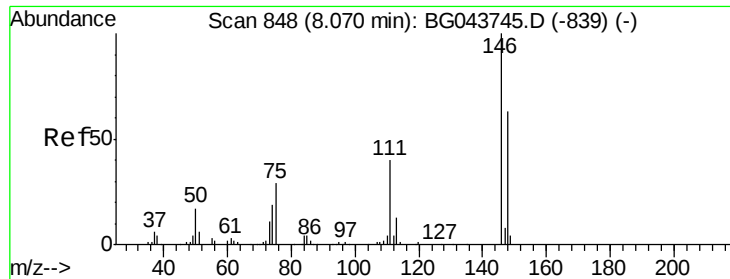
mohammad
11/25/2019 2:33:45 PM



#12
1,3-Dichlorobenzene
Concen: 40.121 ng
RT: 7.92 min Scan# 822
Delta R.T. -0.00 min
Lab File: BG043764.D
Acq: 23 Nov 2019 20:16

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.3	50.6	75.8
75	30.2	25.2	37.8





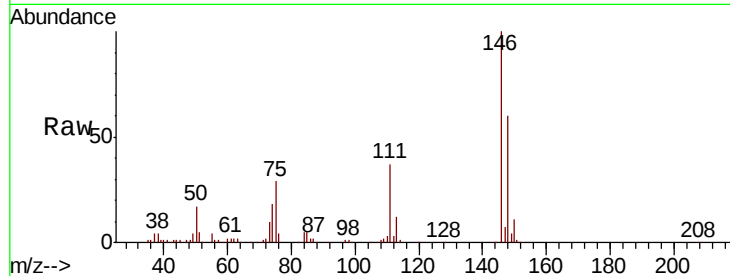
#13
 1,4-Dichlorobenzene
 Concen: 41.606 ng
 RT: 8.07 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: BG043764.D
 Acq: 23 Nov 2019 20:16

Instrument :
 BNA_G
 ClientSampleId :
 SU-02-112019MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	60.5	50.1	75.1
111	37.0	32.1	48.1

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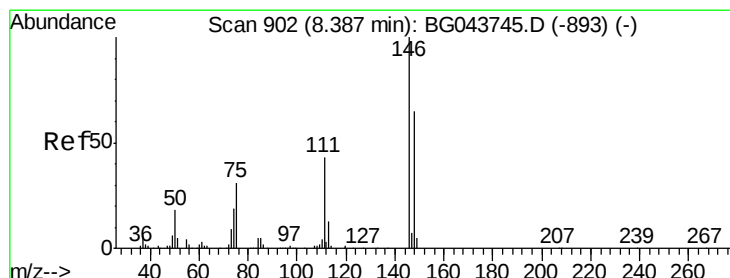
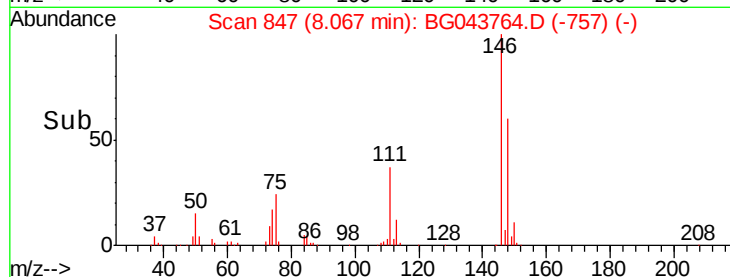
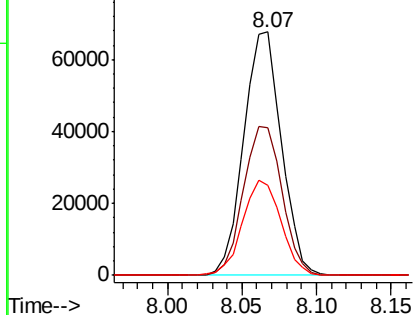


Abundance

Ion 146.00 (145.70 to 146.70): E

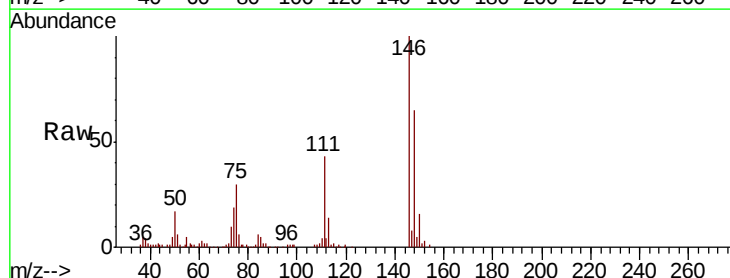
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 43.863 ng
 RT: 8.38 min Scan# 901
 Delta R.T. -0.00 min
 Lab File: BG043764.D
 Acq: 23 Nov 2019 20:16

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.1	52.1	78.1
111	42.8	34.7	52.1

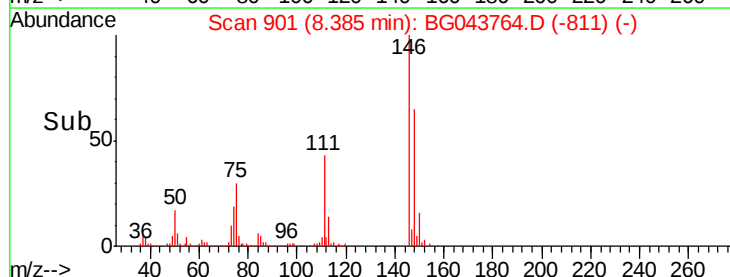
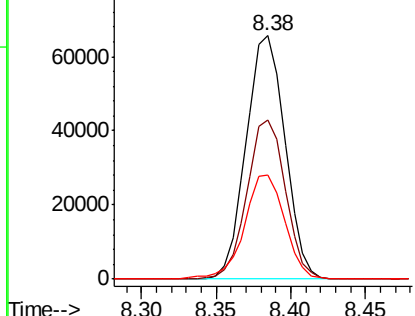


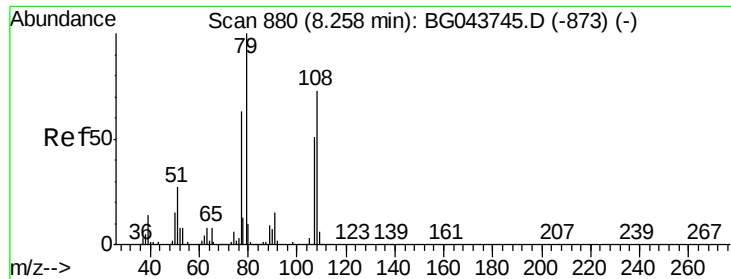
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





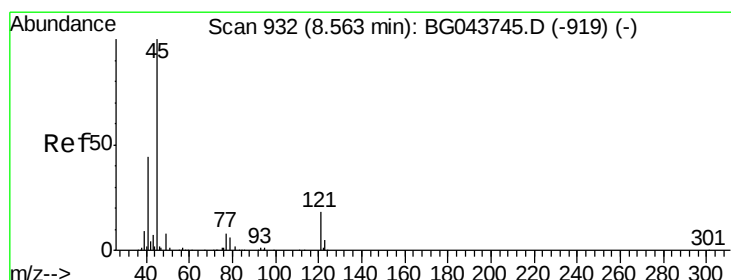
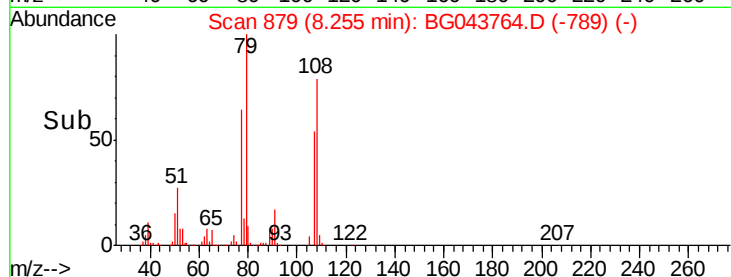
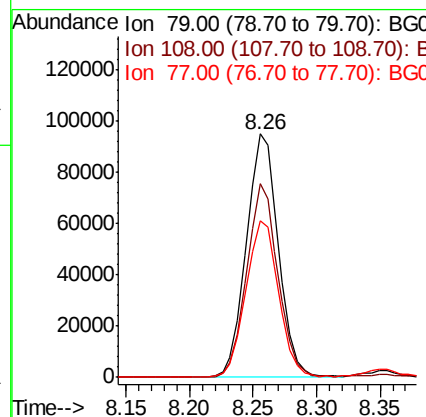
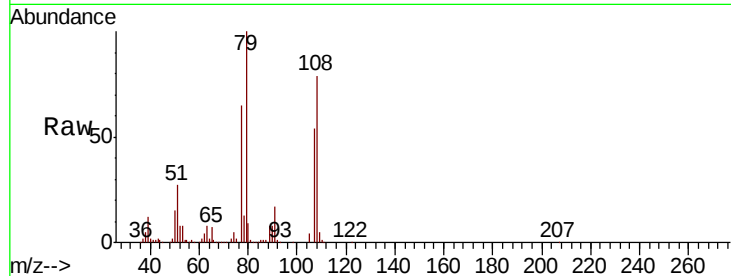
#15
Benzyl Alcohol
Concen: 65.754 ng
RT: 8.26 min Scan# 879
Delta R.T. -0.00 min
Lab File: BG043764.D
Acq: 23 Nov 2019 20:16

Instrument :
BNA_G
ClientSampleId :
SU-02-112019MS

Tot Ion	Ratio	Lower	Upper
79	100		
108	79.3	58.2	87.2
77	64.6	50.2	75.4

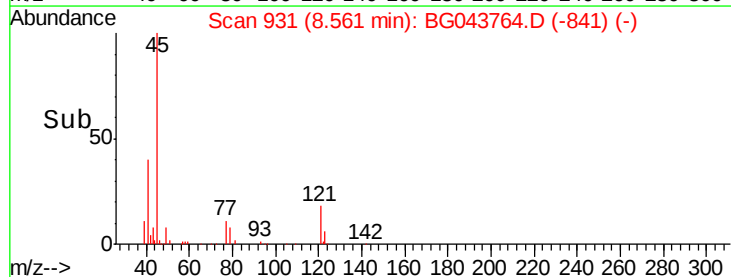
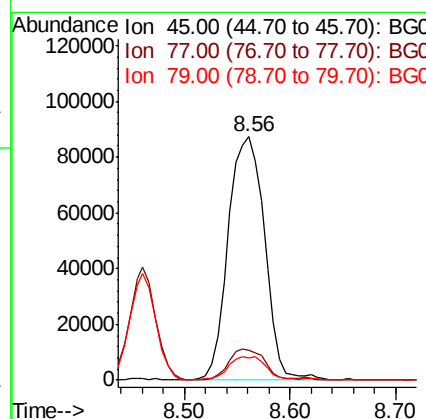
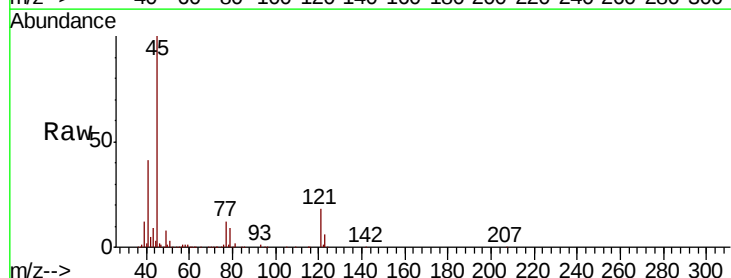
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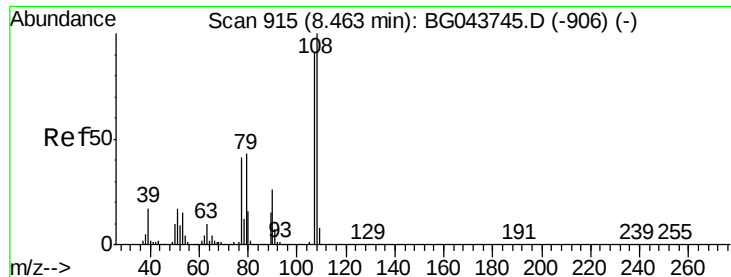
mohammad
11/25/2019 2:33:45 PM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 46.315 ng
RT: 8.56 min Scan# 931
Delta R.T. -0.00 min
Lab File: BG043764.D
Acq: 23 Nov 2019 20:16

Tgt Ion	Ratio	Lower	Upper
45	100		
77	12.0	0.0	32.2
79	9.2	0.0	29.9





#17

2-Methylphenol

Concen: 68.359 ng

RT: 8.46 min Scan# 914

Delta R.T. -0.00 min

Lab File: BG043764.D

Acq: 23 Nov 2019 20:16

Instrument :

BNA_G

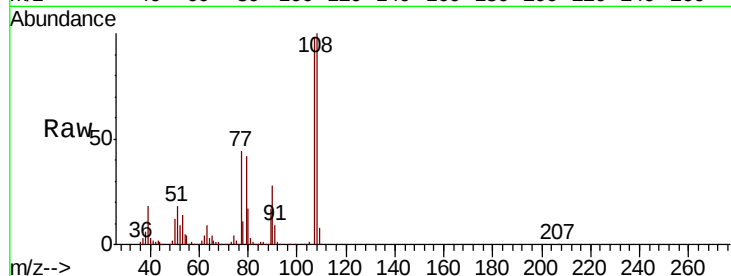
ClientSampleId :

SU-02-112019MS

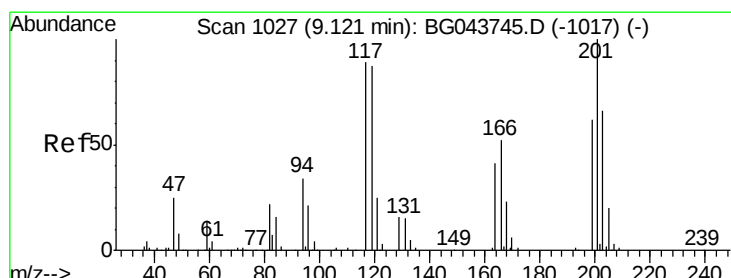
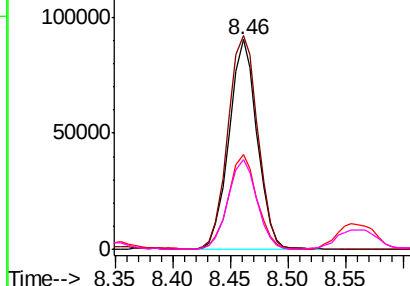
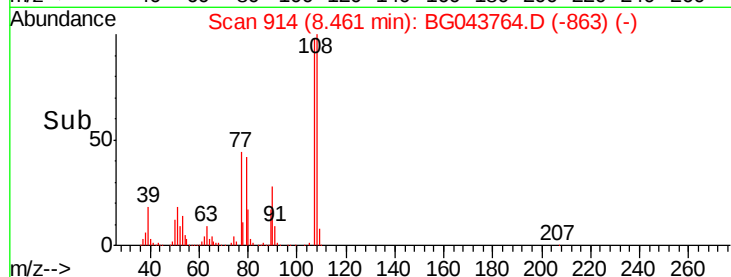
Tot Ion:	107	Resp:	152412
Ion Ratio	Lower	Upper	
107	100		
108	102.0	88.0	132.0
77	45.1	35.9	53.9
79	42.6	38.2	57.2

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Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 38.456 ng

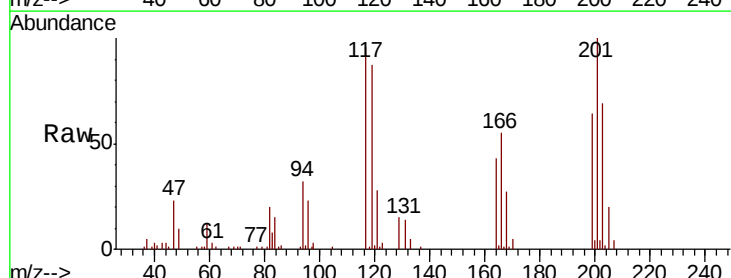
RT: 9.12 min Scan# 1026

Delta R.T. -0.00 min

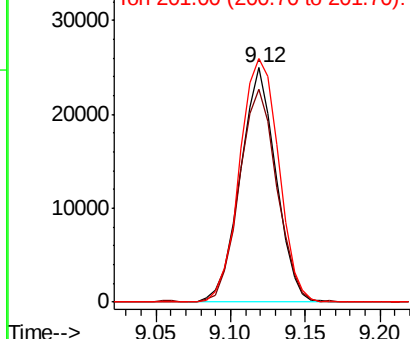
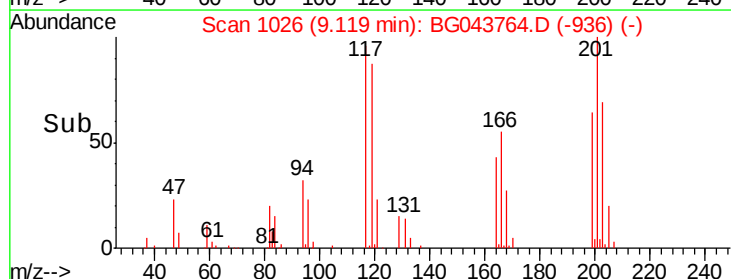
Lab File: BG043764.D

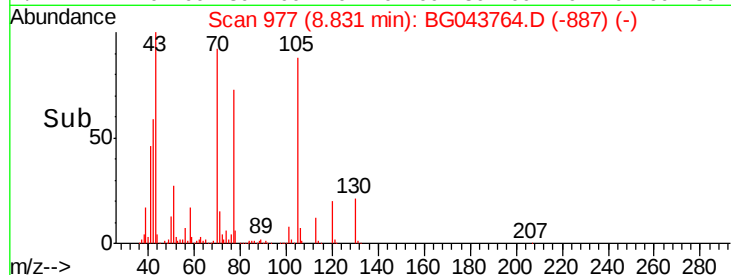
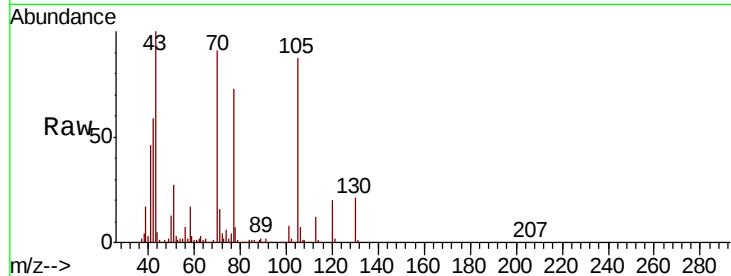
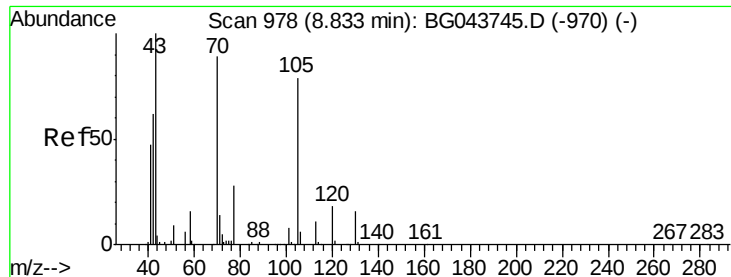
Acq: 23 Nov 2019 20:16

Tgt Ion:	117	Resp:	41255
Ion Ratio	Lower	Upper	
117	100		
119	90.8	77.7	116.5
201	103.9	89.4	134.0



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





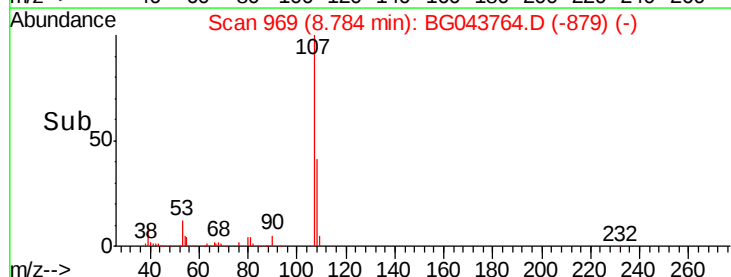
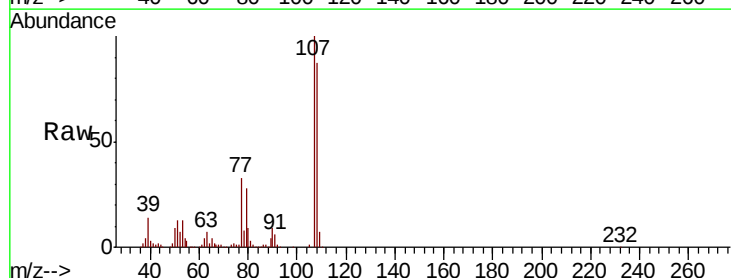
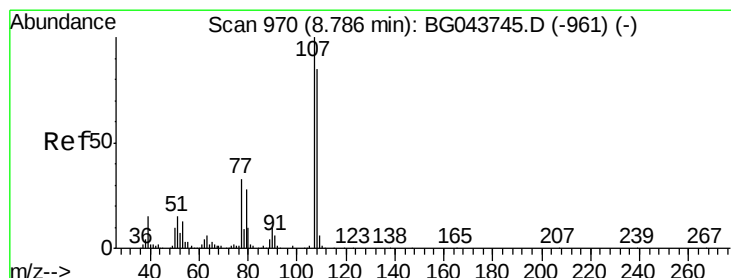
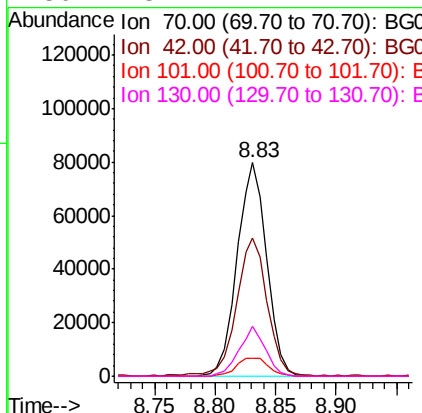
#19
n-Nitroso-di-n-propylamine
Concen: 57.052 ng
RT: 8.83 min Scan# 977
Delta R.T. -0.00 min
Lab File: BG043764.D
Acq: 23 Nov 2019 20:16

Instrument :
BNA_G
ClientSampleId :
SU-02-112019MS

Tot Ion	Ion	Ratio	Lower	Upper
136288	70	100		
	42	64.6	56.4	84.6
	101	8.6	6.7	10.1
	130	23.2	14.7	22.1#

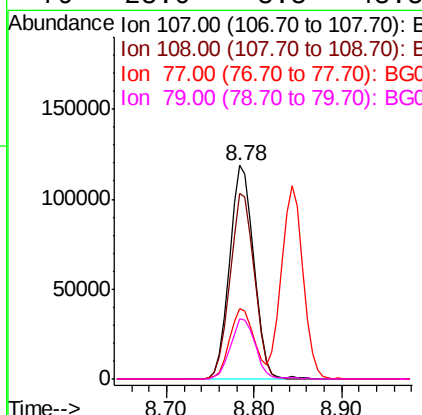
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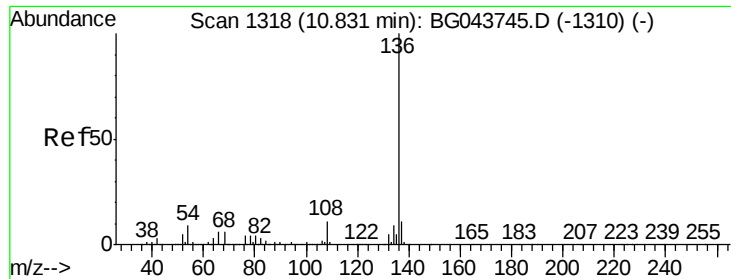
mohammad
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#20
3+4-Methylphenols
Concen: 71.779 ng
RT: 8.78 min Scan# 969
Delta R.T. -0.00 min
Lab File: BG043764.D
Acq: 23 Nov 2019 20:16

Tgt Ion	Ion	Ratio	Lower	Upper
223269	107	100		
	108	87.1	64.6	104.6
	77	33.2	13.7	53.7
	79	28.0	8.5	48.5





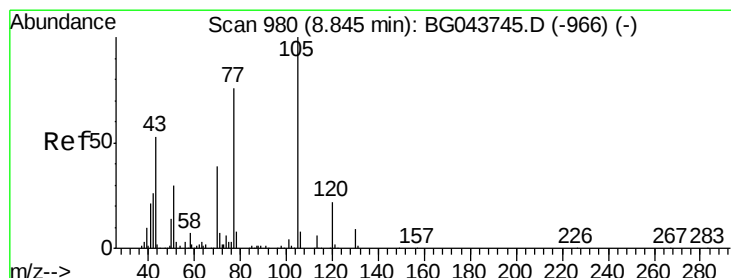
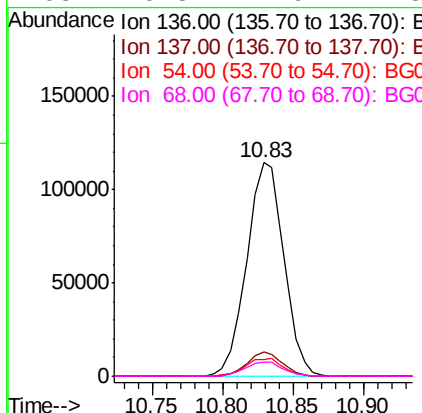
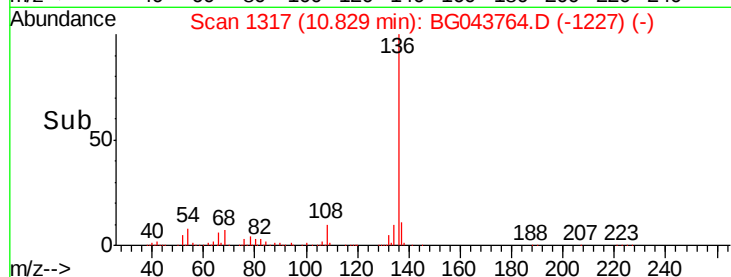
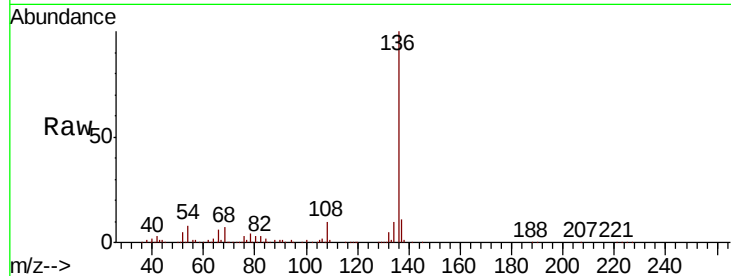
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1317
Delta R.T. -0.00 min
Lab File: BG043764.D
Acq: 23 Nov 2019 20:16

Instrument :
BNA_G
ClientSampleId :
SU-02-112019MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		210681		
137	11.2		8.8	13.2	
54	8.1		7.5	11.3	
68	6.8		4.9	7.3	

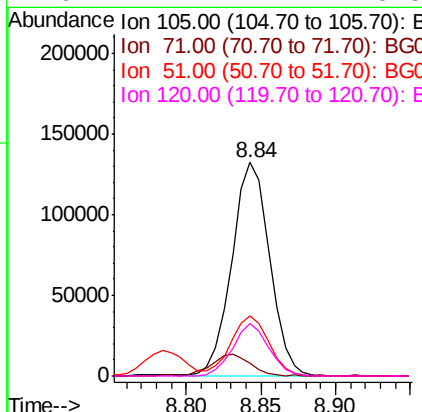
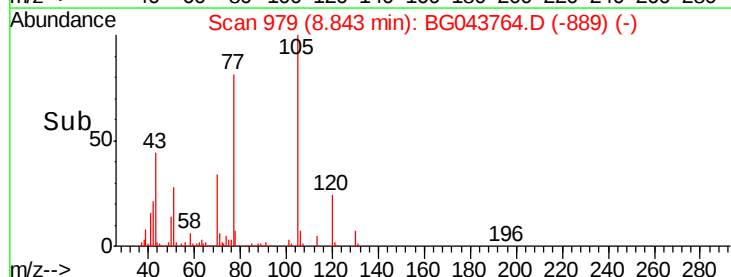
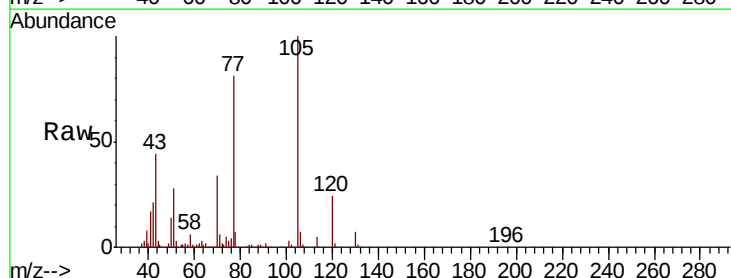
Manual Integrations
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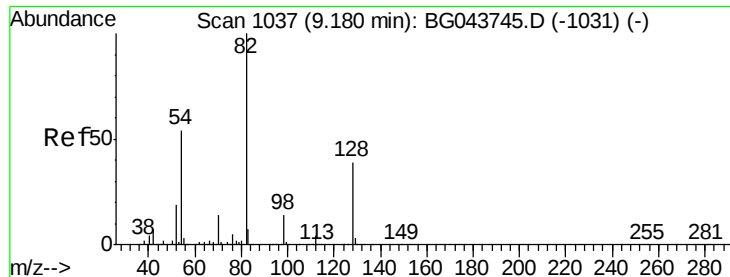
mohammad
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#22
Acetophenone
Concen: 41.903 ng
RT: 8.84 min Scan# 979
Delta R.T. -0.00 min
Lab File: BG043764.D
Acq: 23 Nov 2019 20:16

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		233986		
71	5.9		6.3	9.5#	
51	28.3		24.7	37.1	
120	24.4		17.7	26.5	





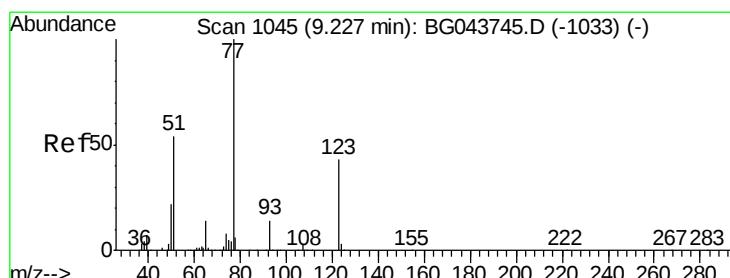
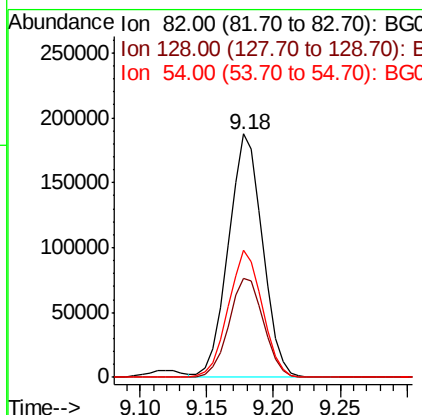
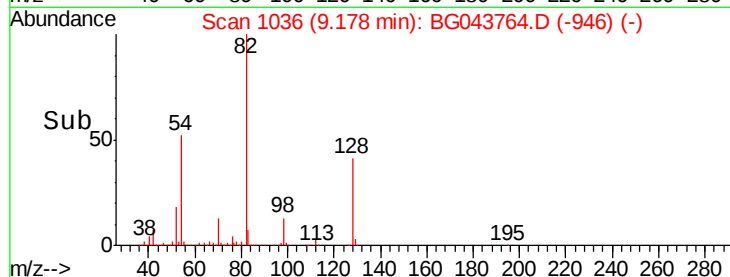
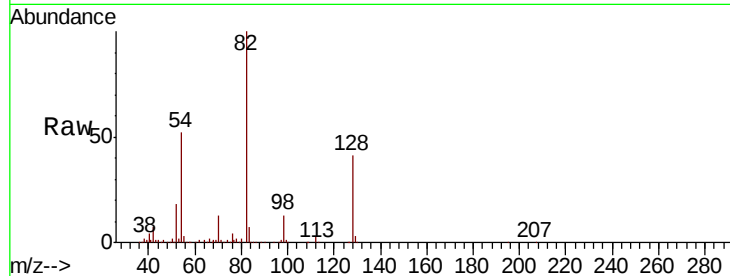
#23
 Nitrobenzene-d5
 Concen: 87.080 ng
 RT: 9.18 min Scan# 1036
 Delta R.T. -0.00 min
 Lab File: BG043764.D
 Acq: 23 Nov 2019 20:16

Instrument :
 BNA_G
 ClientSampleId :
 SU-02-112019MS

Tot Ion	Ratio	Lower	Upper
82	100		
128	40.7	31.3	46.9
54	52.0	42.7	64.1

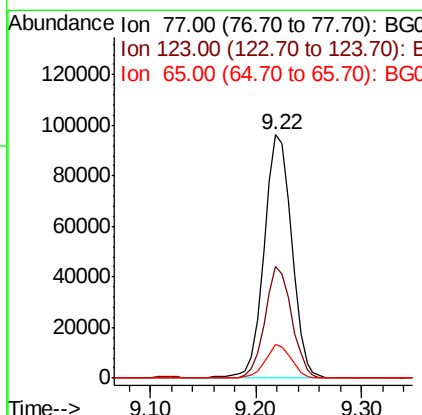
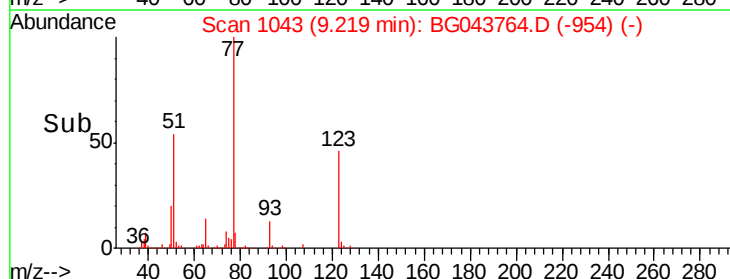
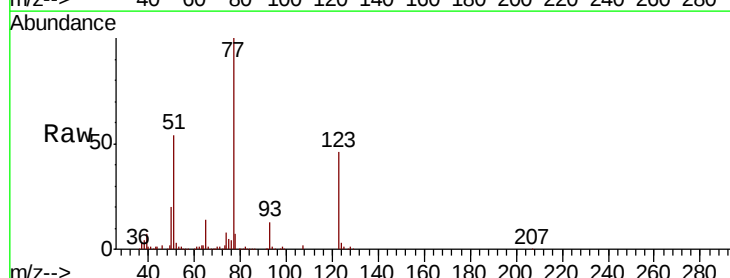
Manual Integrations
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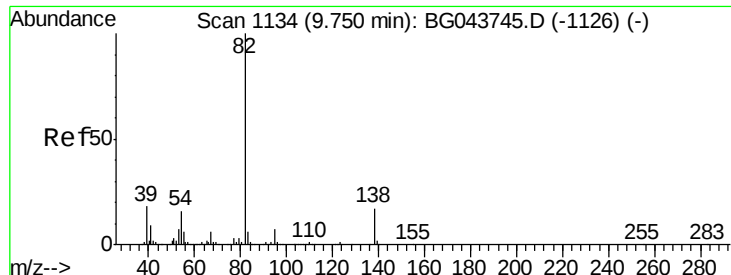
mohammad
 11/25/2019 2:33:45 PM



#24
 Nitrobenzene
 Concen: 44.210 ng
 RT: 9.22 min Scan# 1043
 Delta R.T. -0.01 min
 Lab File: BG043764.D
 Acq: 23 Nov 2019 20:16

Tgt Ion	Ratio	Lower	Upper
77	100		
123	46.2	34.7	52.1
65	13.7	11.0	16.6





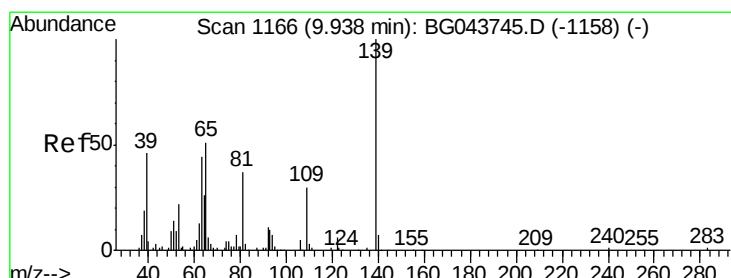
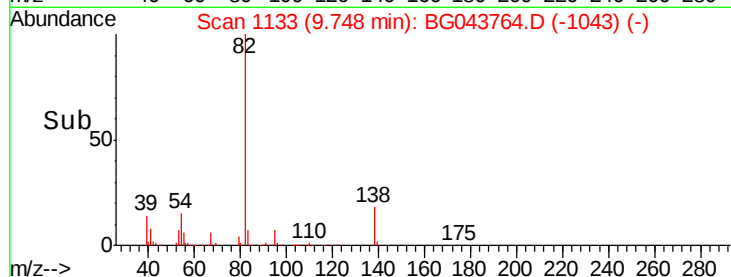
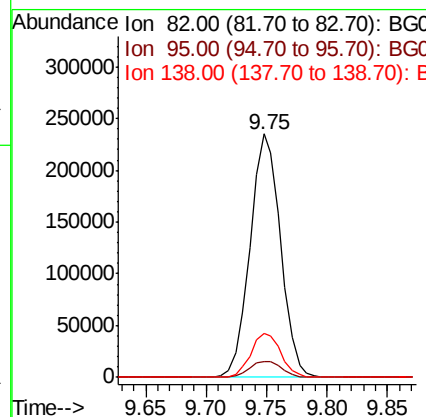
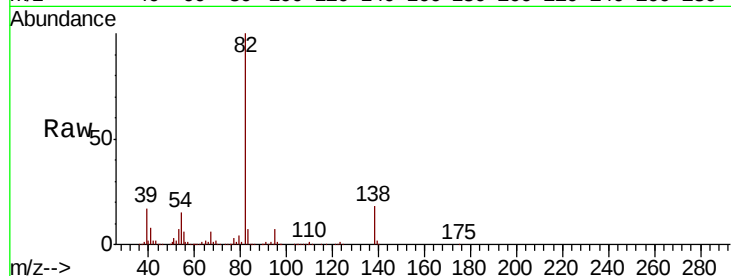
#25
Isophorone
Concen: 50.184 ng
RT: 9.75 min Scan# 1133
Delta R.T. -0.00 min
Lab File: BG043764.D
Acq: 23 Nov 2019 20:16

Instrument :
BNA_G
ClientSampleId :
SU-02-112019MS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	412327		
95	6.7		5.9	8.9
138	18.0		13.3	19.9

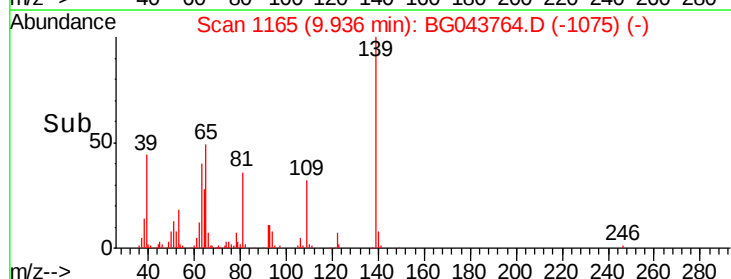
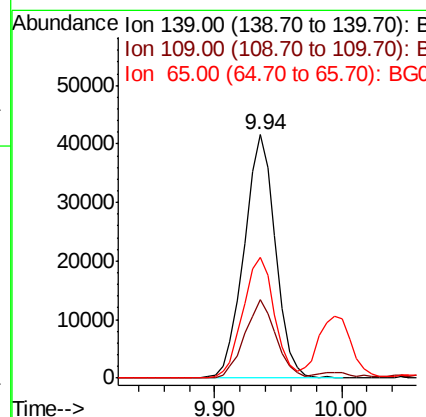
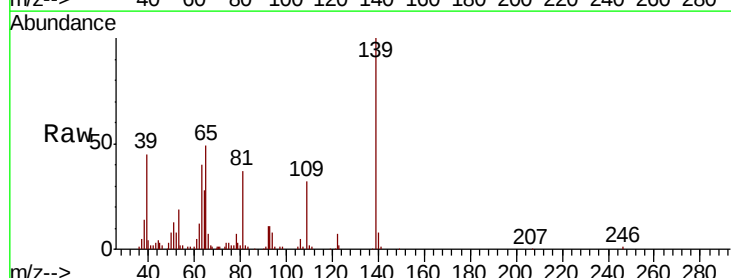
Manual Integrations
APPROVED

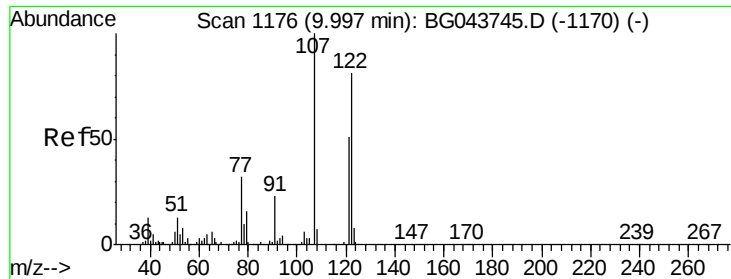
mohammad
11/25/2019 2:33:45 PM



#26
2-Nitrophenol
Concen: 50.035 ng
RT: 9.94 min Scan# 1165
Delta R.T. -0.00 min
Lab File: BG043764.D
Acq: 23 Nov 2019 20:16

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	71101		
109	32.2		24.1	36.1
65	49.4		41.1	61.7





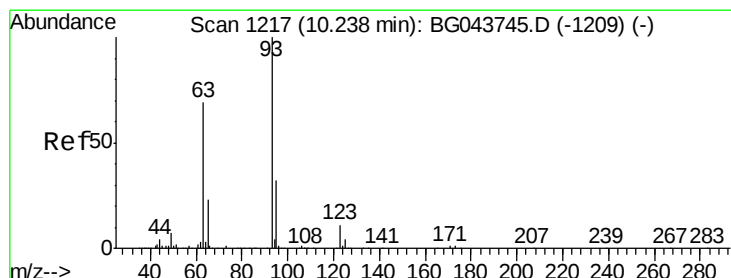
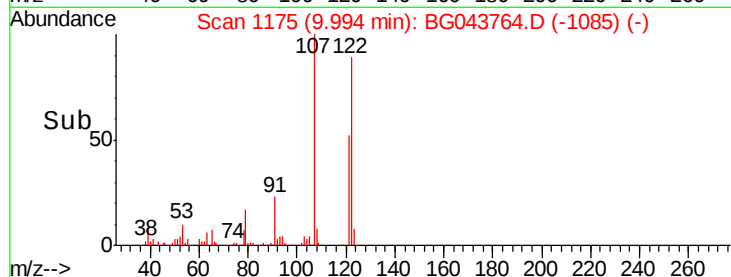
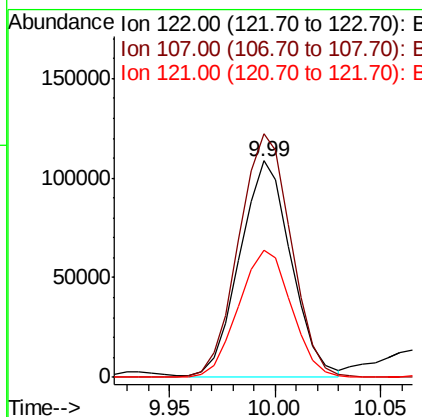
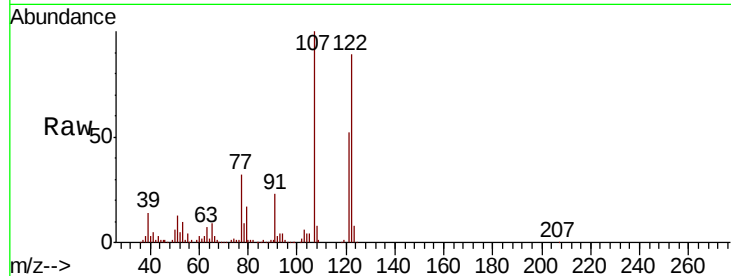
#27
2,4-Dimethylphenol
Concen: 65.433 ng
RT: 9.99 min Scan# 1175
Delta R.T. -0.00 min
Lab File: BG043764.D
Acq: 23 Nov 2019 20:16

Instrument :
BNA_G
ClientSampleId :
SU-02-112019MS

Tot Ion	Ratio	Lower	Upper
122	100		
107	112.7	98.5	147.7
121	59.1	49.6	74.4

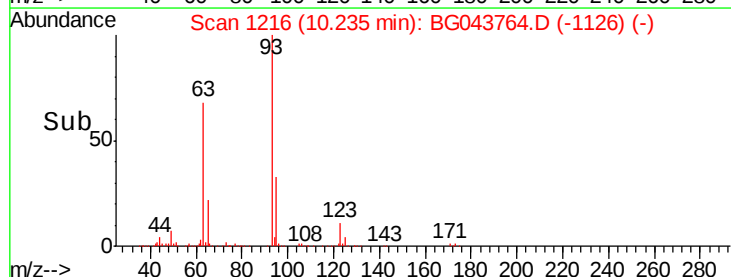
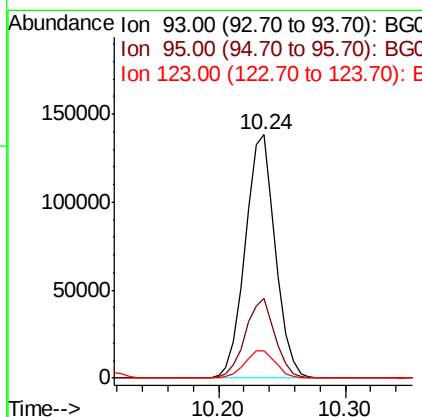
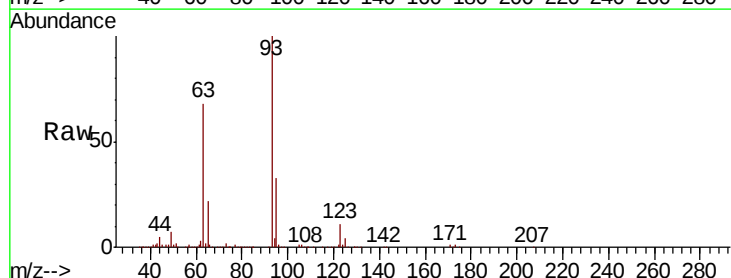
Manual Integrations
APPROVED

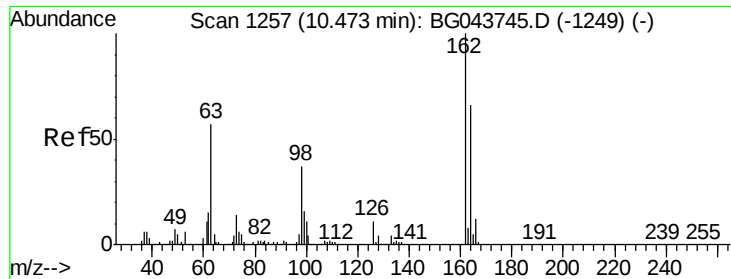
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 45.058 ng
RT: 10.24 min Scan# 1216
Delta R.T. -0.00 min
Lab File: BG043764.D
Acq: 23 Nov 2019 20:16

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.0	26.0	39.0
123	11.2	8.7	13.1





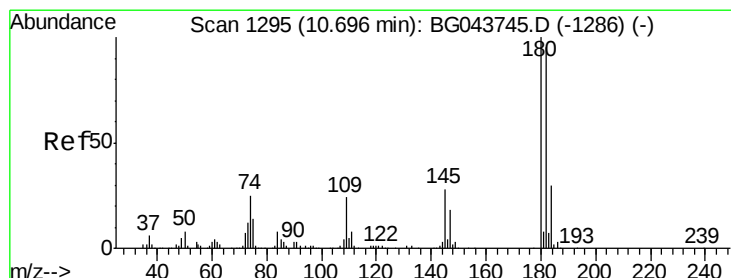
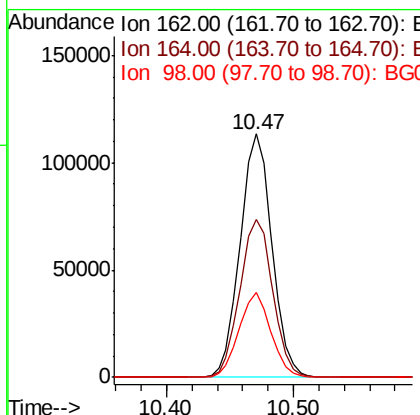
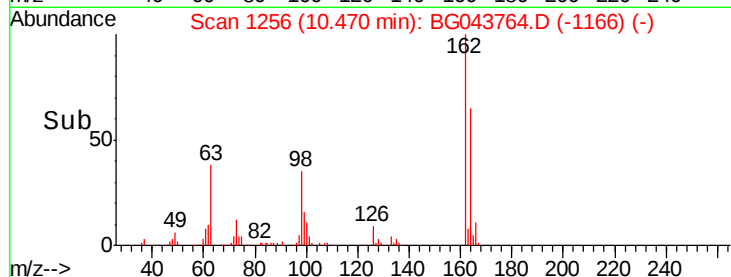
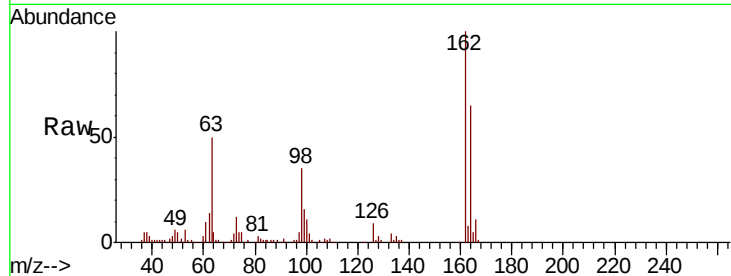
#29
2,4-Dichlorophenol
Concen: 58.363 ng
RT: 10.47 min Scan# 1256
Delta R.T. -0.00 min
Lab File: BG043764.D
Acq: 23 Nov 2019 20:16

Instrument :
BNA_G
ClientSampleId :
SU-02-112019MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	197974		
164	64.7	46.4	86.4	
98	34.8	17.3	57.3	

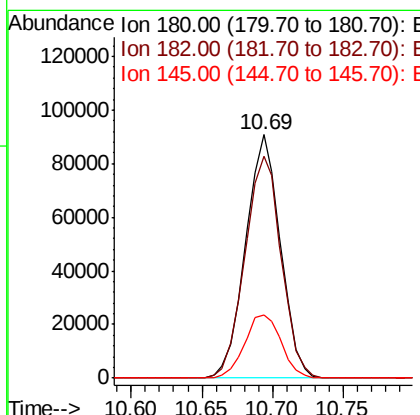
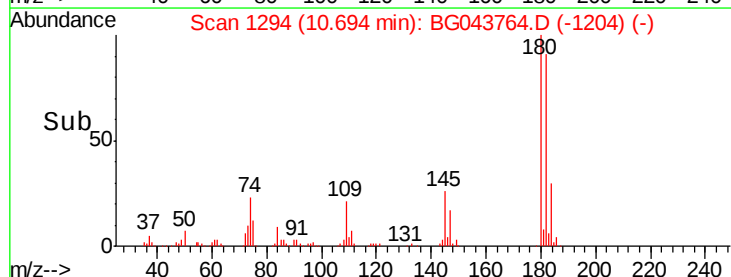
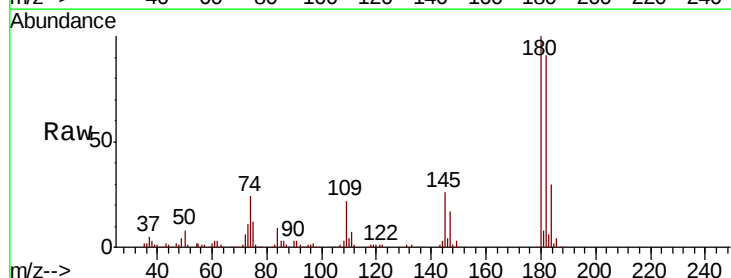
Manual Integrations
APPROVED

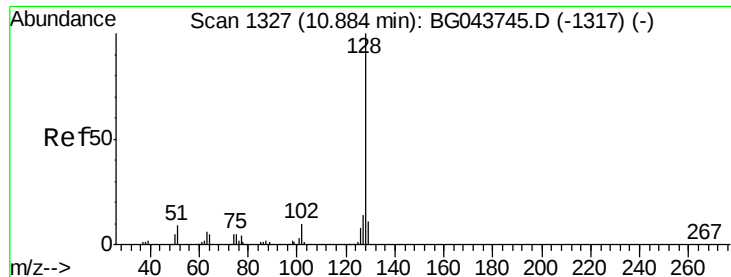
mohammad
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#30
1,2,4-Trichlorobenzene
Concen: 39.293 ng
RT: 10.69 min Scan# 1294
Delta R.T. -0.00 min
Lab File: BG043764.D
Acq: 23 Nov 2019 20:16

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	156189		
182	91.0	75.8	113.6	
145	25.9	22.5	33.7	





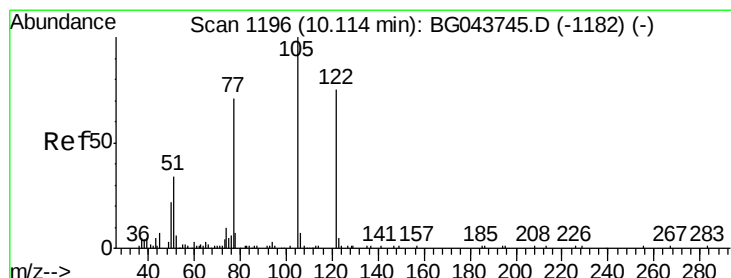
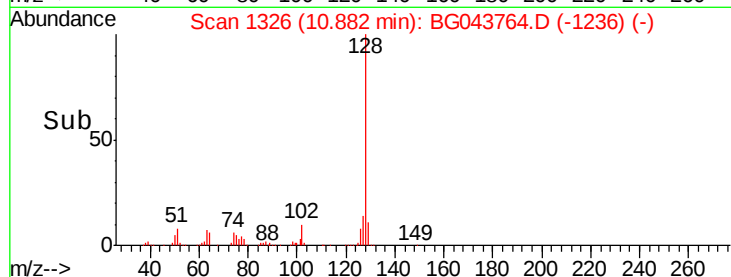
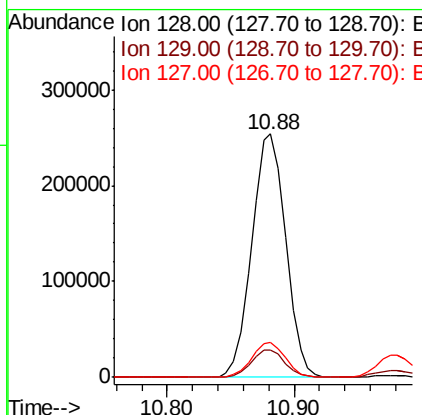
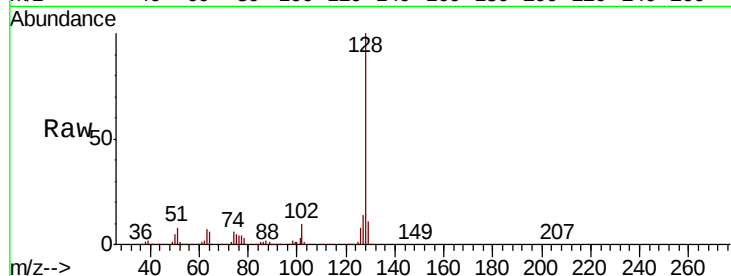
#31
Naphthalene
Concen: 45.215 ng
RT: 10.88 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BG043764.D
Acq: 23 Nov 2019 20:16

Instrument :
BNA_G
ClientSampleId :
SU-02-112019MS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.1	13.7
127	14.4	11.4	17.0

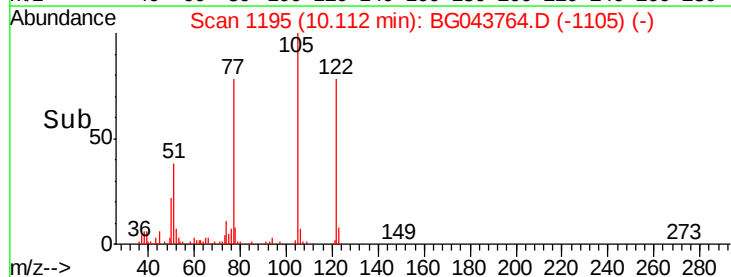
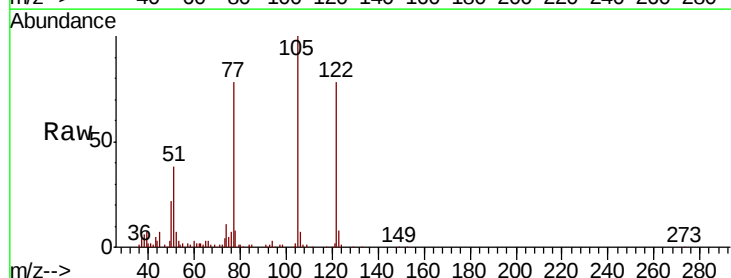
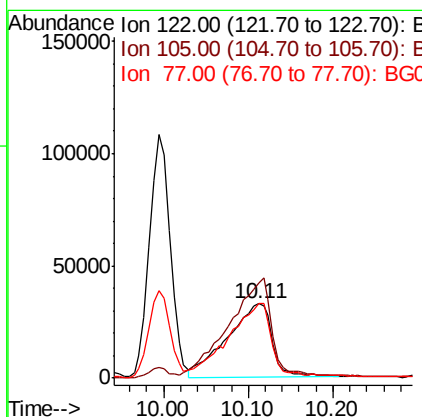
Manual Integrations
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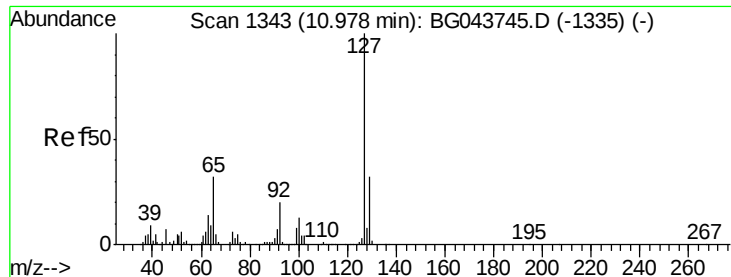
mohammad
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#32
Benzoic acid
Concen: 59.177 ng
RT: 10.11 min Scan# 1195
Delta R.T. -0.00 min
Lab File: BG043764.D
Acq: 23 Nov 2019 20:16

Tgt Ion	Ratio	Lower	Upper
122	100		
105	128.6	109.3	149.3
77	100.4	76.1	116.1





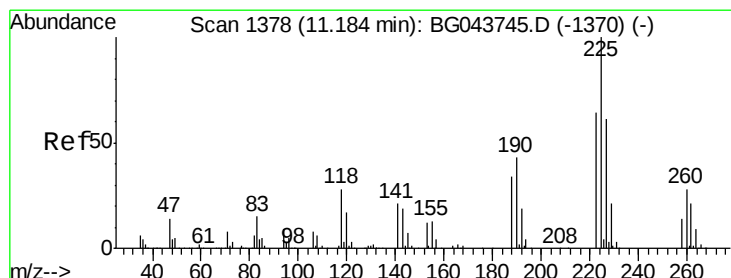
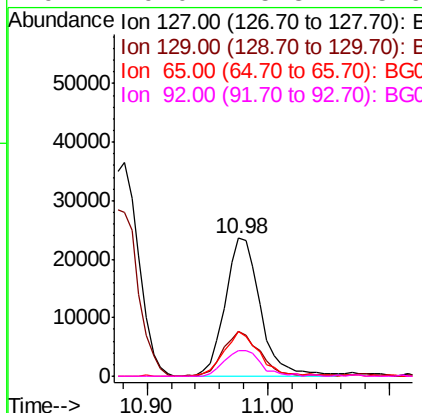
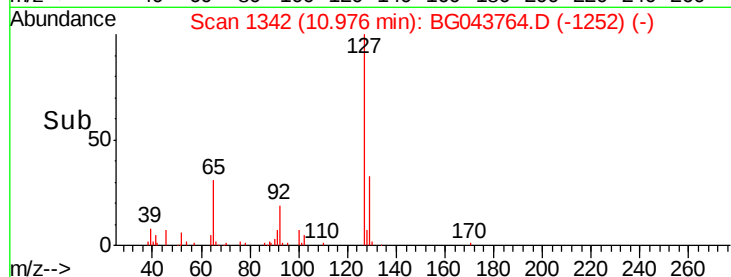
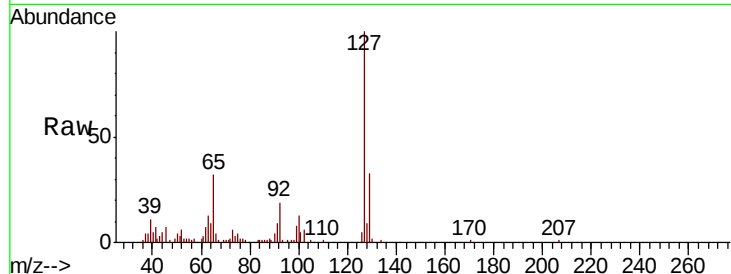
#33
4-Chloroaniline
Concen: 9.528 ng
RT: 10.98 min Scan# 1342
Delta R.T. -0.00 min
Lab File: BG043764.D
Acq: 23 Nov 2019 20:16

Instrument :
BNA_G
ClientSampleId :
SU-02-112019MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		47978		
129	32.8	25.9	38.9		
65	32.2	25.8	38.8		
92	19.0	15.8	23.6		

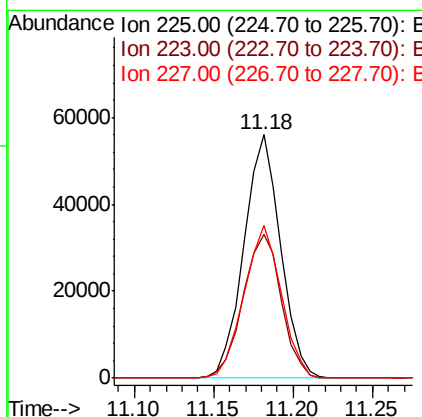
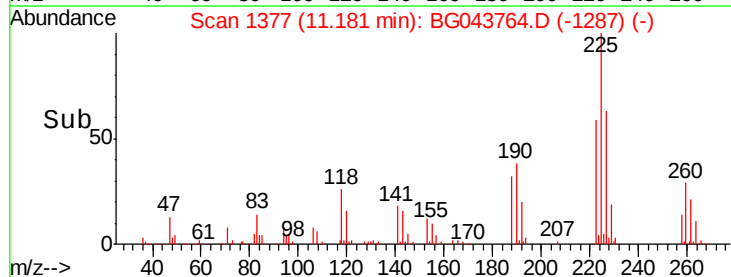
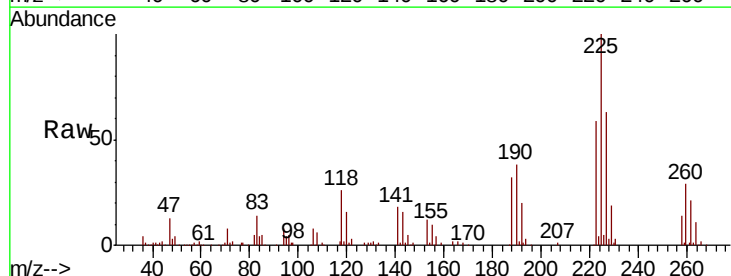
Manual Integrations
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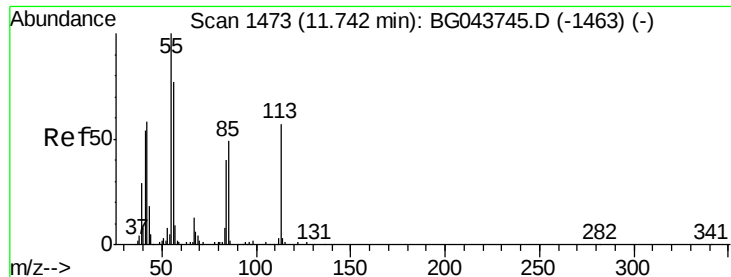
mohammad
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#34
Hexachlorobutadiene
Concen: 34.451 ng
RT: 11.18 min Scan# 1377
Delta R.T. -0.00 min
Lab File: BG043764.D
Acq: 23 Nov 2019 20:16

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		90051		
223	59.1	51.2	76.8		
227	62.9	51.0	76.4		





#35

Caprolactam

Concen: 66.740 ng/mL

RT: 11.74 min Scan# 1472

Delta R.T. -0.00 min

Lab File: BG043764.D

Acq: 23 Nov 2019 20:16

Instrument :

BNA_G

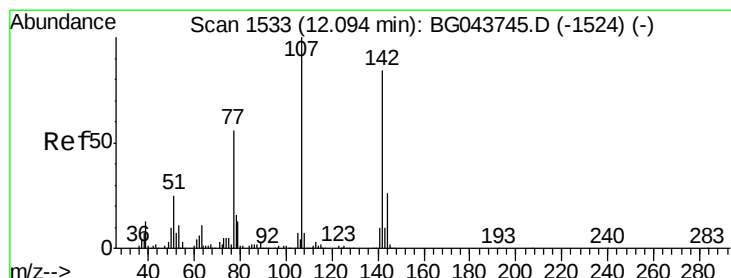
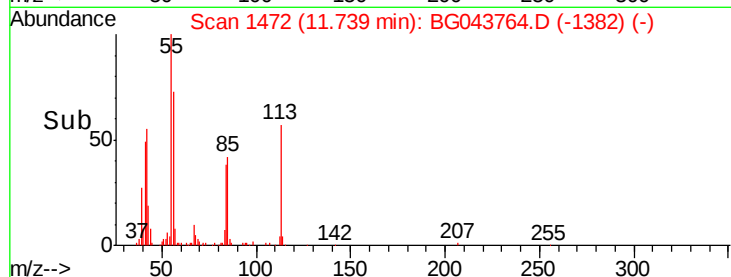
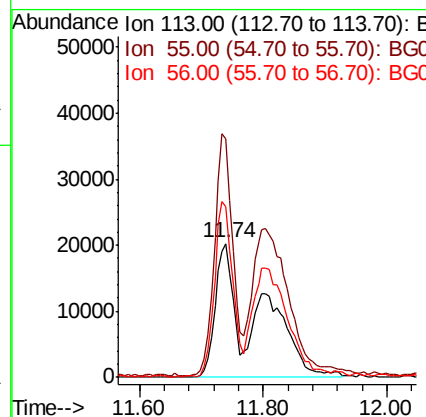
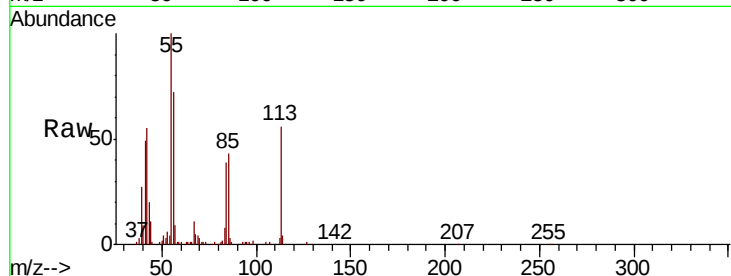
ClientSampleID :

SU-02-112019MS

Tot Ion:	113	Resp:	92055
Ion	Ratio	Lower	Upper
113	100		
55	178.2	160.9	200.9
56	127.7	116.8	156.8

Manual Integrations
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#36

4-Chloro-3-methylphenol

Concen: 65.752 ng/mL

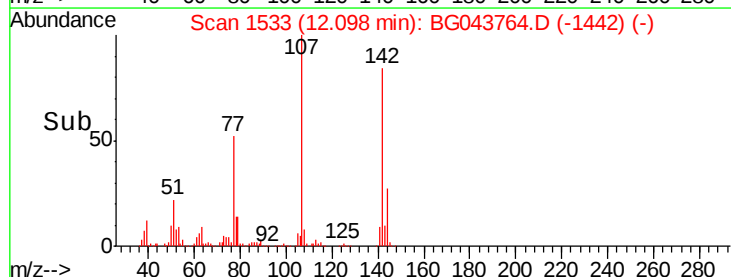
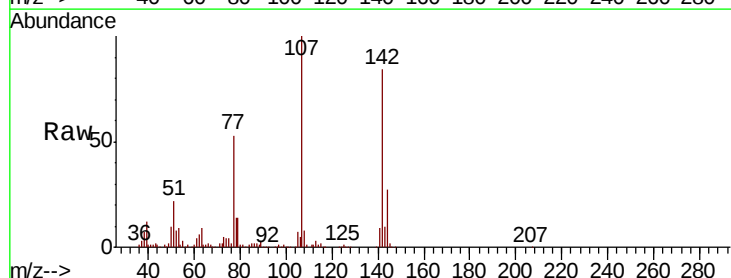
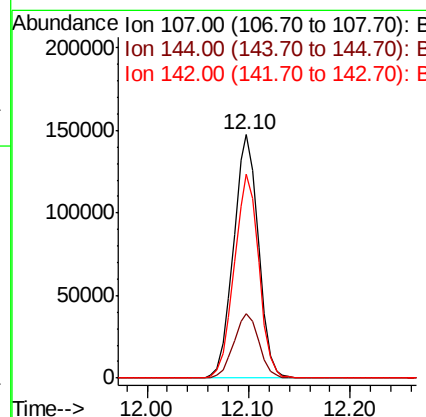
RT: 12.10 min Scan# 1533

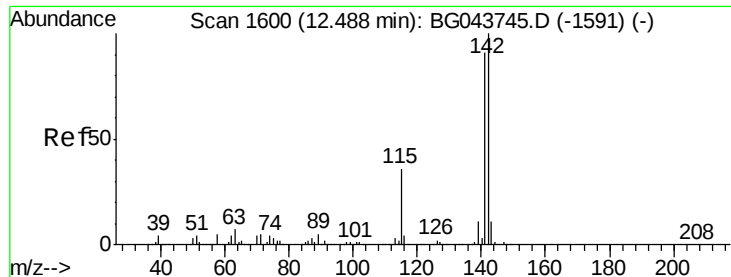
Delta R.T. 0.00 min

Lab File: BG043764.D

Acq: 23 Nov 2019 20:16

Tgt Ion:	107	Resp:	250654
Ion	Ratio	Lower	Upper
107	100		
144	26.7	21.0	31.4
142	83.9	67.0	100.4





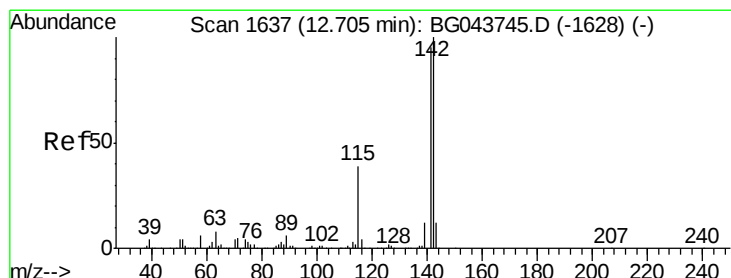
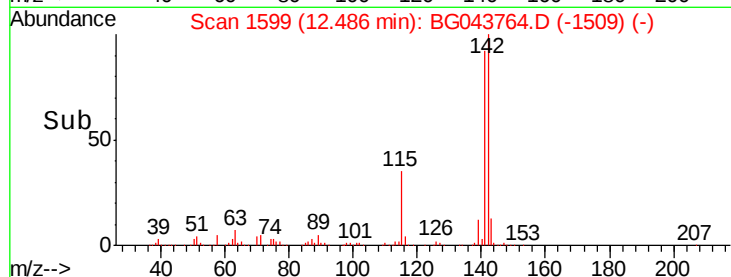
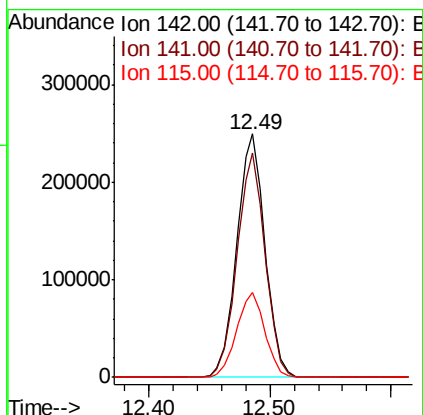
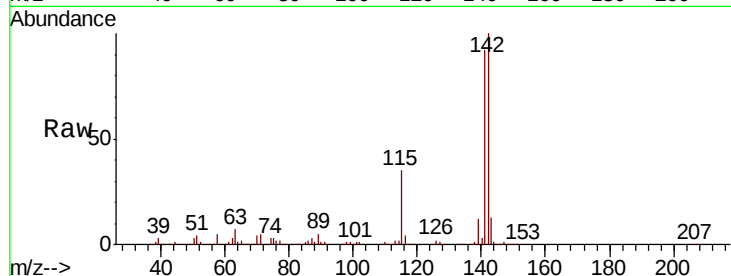
#37
2-Methylnaphthalene
Concen: 51.260 ng
RT: 12.49 min Scan# 1599
Delta R.T. -0.00 min
Lab File: BG043764.D
Acq: 23 Nov 2019 20:16

Instrument :
BNA_G
ClientSampleId :
SU-02-112019MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	92.1	72.8	109.2
115	35.0	28.9	43.3

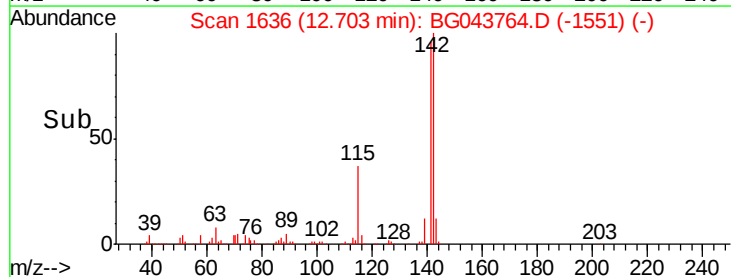
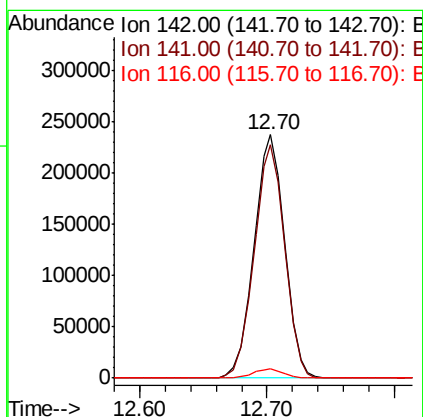
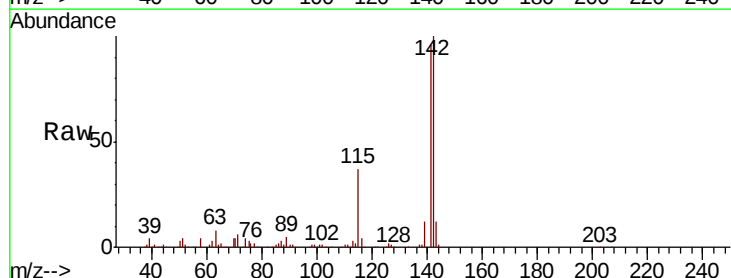
Manual Integrations
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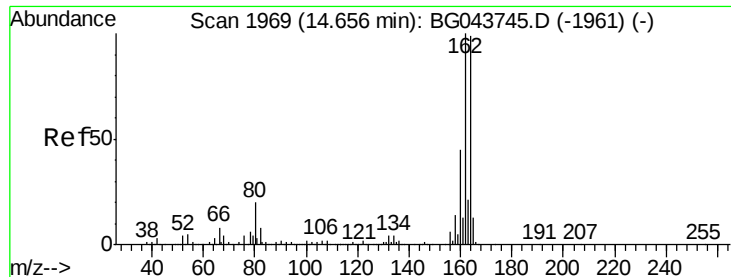
mohammad
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#38
1-Methylnaphthalene
Concen: 53.284 ng
RT: 12.70 min Scan# 1636
Delta R.T. -0.00 min
Lab File: BG043764.D
Acq: 23 Nov 2019 20:16

Tgt Ion	Ratio	Lower	Upper
142	100		
141	96.1	75.8	113.8
116	3.9	3.4	5.0





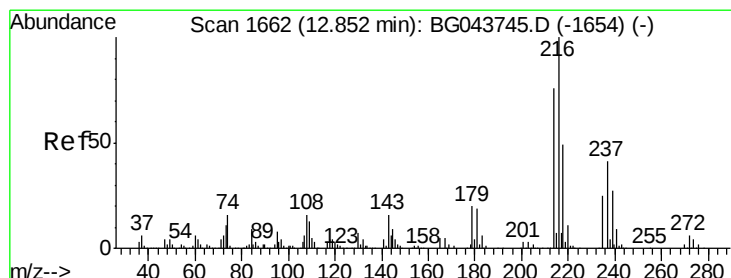
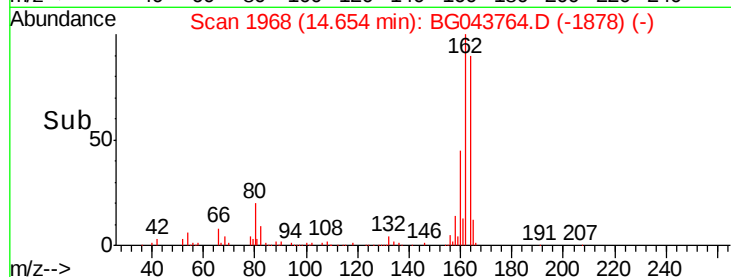
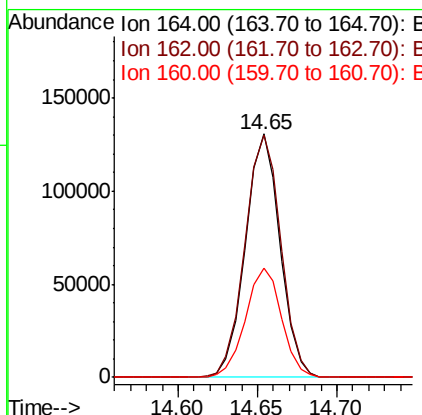
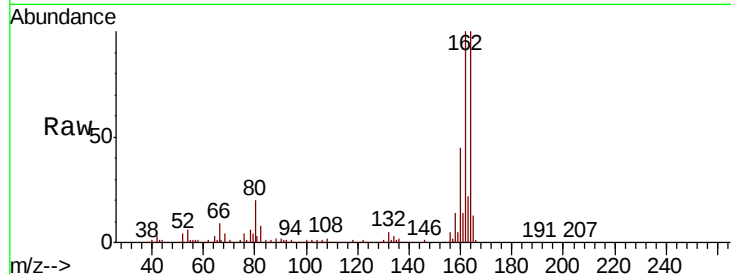
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.65 min Scan# 1968
Delta R.T. -0.00 min
Lab File: BG043764.D
Acq: 23 Nov 2019 20:16

Instrument :
BNA_G
ClientSampleId :
SU-02-112019MS

Tot Ion	Ratio	Resp	Lower	Upper
164	100	198530		
162	99.7	80.6	121.0	
160	44.7	36.3	54.5	

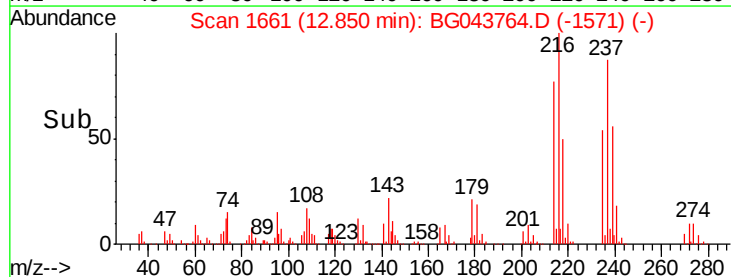
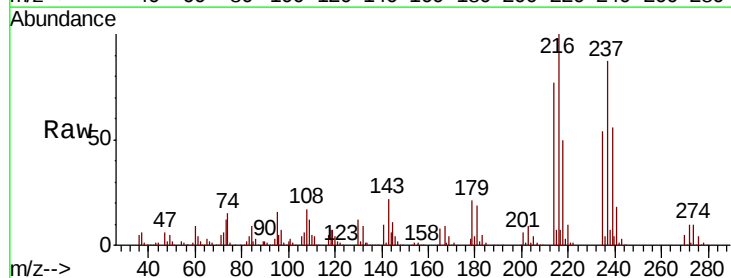
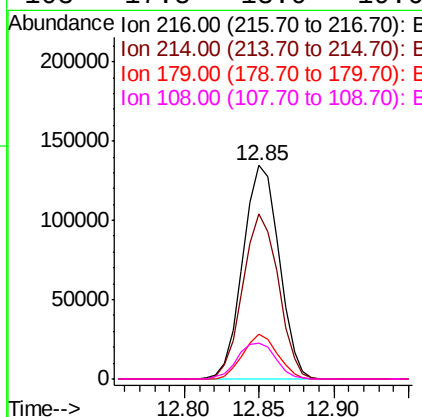
Manual Integrations
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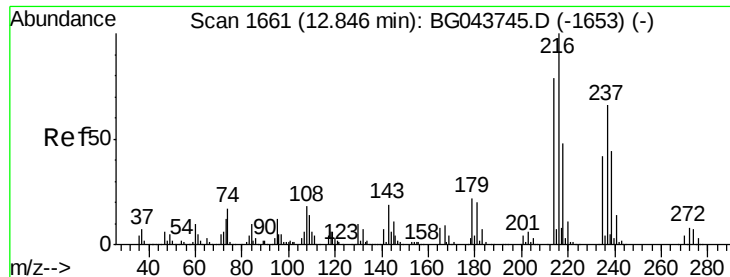
mohammad
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 35.851 ng
RT: 12.85 min Scan# 1661
Delta R.T. -0.00 min
Lab File: BG043764.D
Acq: 23 Nov 2019 20:16

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	226474		
214	76.0	62.0	93.0	
179	19.9	16.3	24.5	
108	17.8	13.0	19.6	





#41

Hexachlorocyclopentadiene

Concen: 72.597 ng

RT: 12.84 min Scan# 1660

Delta R.T. -0.00 min

Lab File: BG043764.D

Acq: 23 Nov 2019 20:16

Instrument :

BNA_G

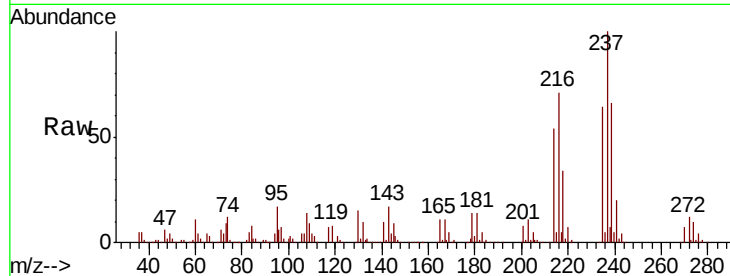
ClientSampleId :

SU-02-112019MS

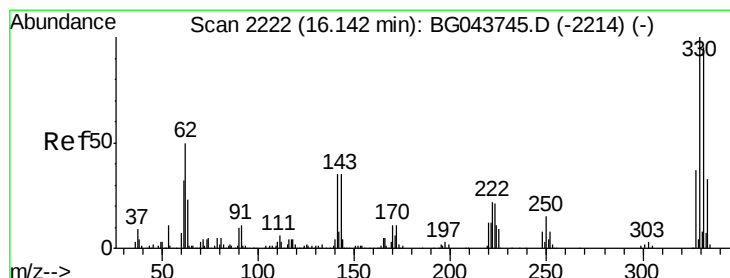
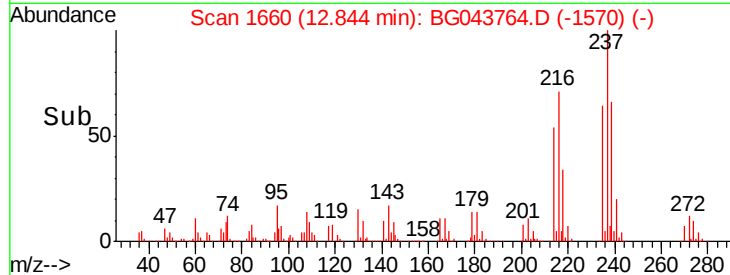
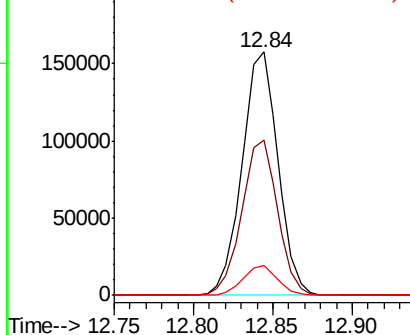
Tot Ion:	237	Resp:	247775
Ion Ratio	Lower	Upper	
237	100		
235	63.6	43.8	83.8
272	12.1	0.0	31.8

Manual Integrations
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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: 156.988 ng

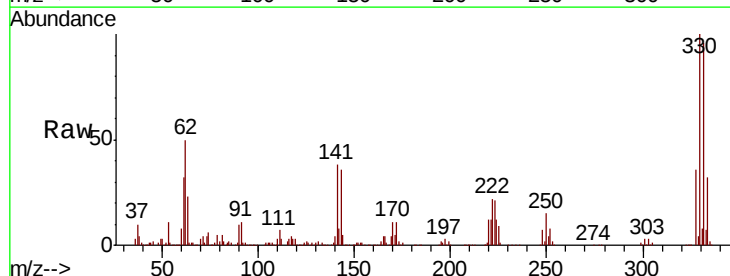
RT: 16.14 min Scan# 2221

Delta R.T. -0.00 min

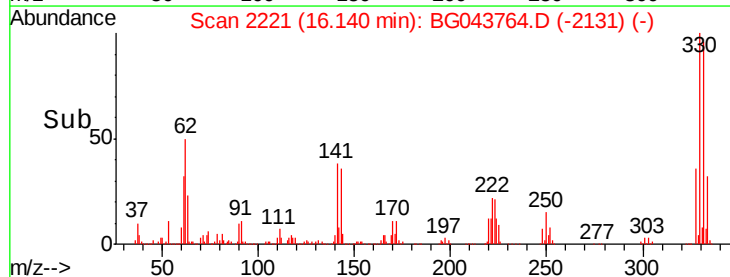
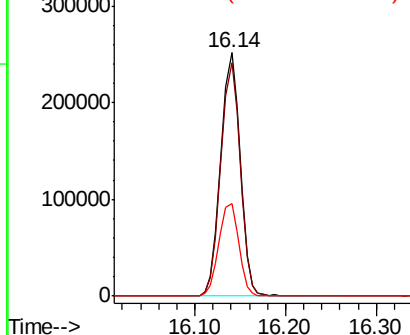
Lab File: BG043764.D

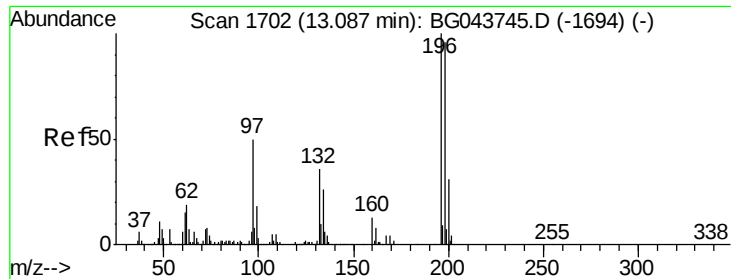
Acq: 23 Nov 2019 20:16

Tgt Ion:	330	Resp:	375919
Ion Ratio	Lower	Upper	
330	100		
332	96.0	77.3	115.9
141	39.0	31.4	47.2



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





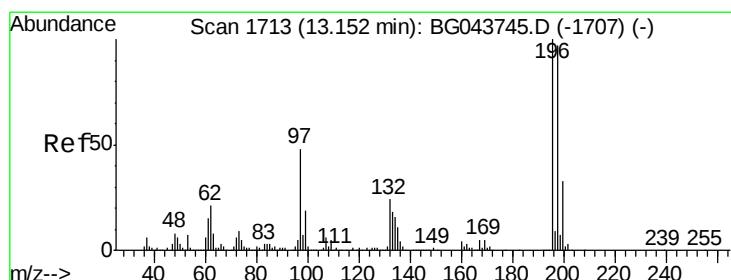
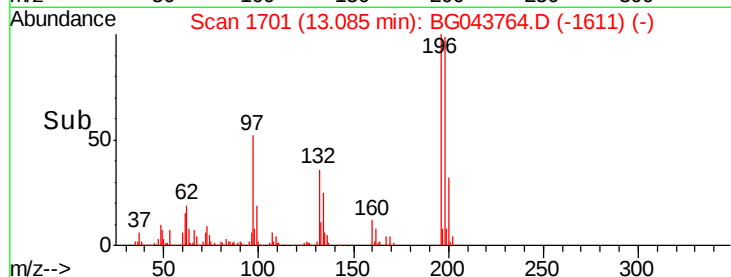
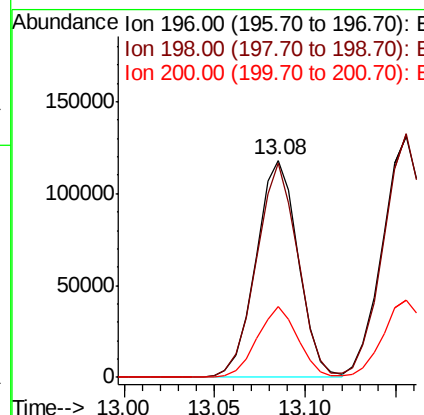
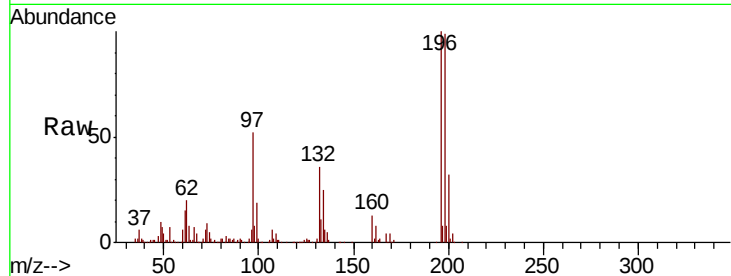
#43
2,4,6-Trichlorophenol
Concen: 46.934 ng
RT: 13.08 min Scan# 1701
Delta R.T. -0.00 min
Lab File: BG043764.D
Acq: 23 Nov 2019 20:16

Instrument :
BNA_G
ClientSampleId :
SU-02-112019MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	190687		
198	98.5	76.5	114.7	
200	32.3	24.6	36.8	

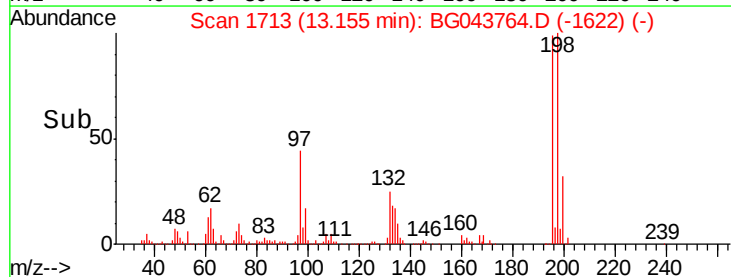
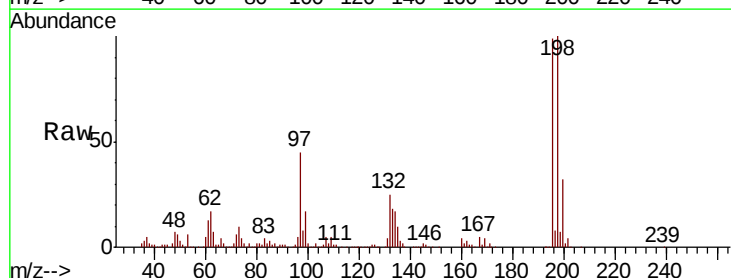
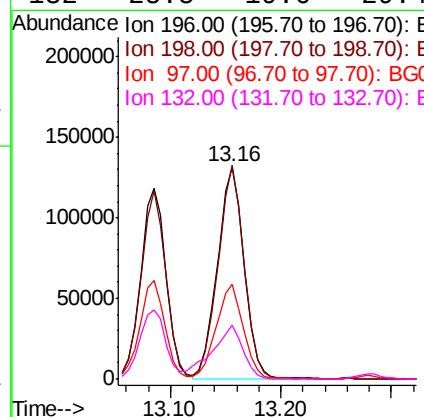
Manual Integrations
APPROVED

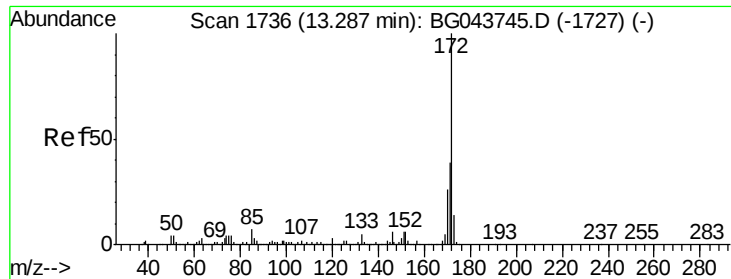
mohammad
11/25/2019 2:33:45 PM



#44
2,4,5-Trichlorophenol
Concen: 51.741 ng
RT: 13.16 min Scan# 1713
Delta R.T. 0.00 min
Lab File: BG043764.D
Acq: 23 Nov 2019 20:16

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	218695		
198	100.9	78.2	117.2	
97	45.1	39.1	58.7	
132	25.5	19.6	29.4	





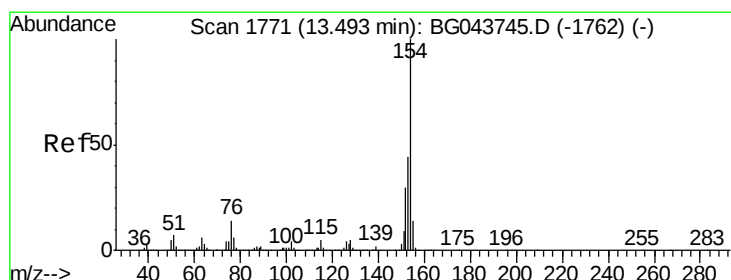
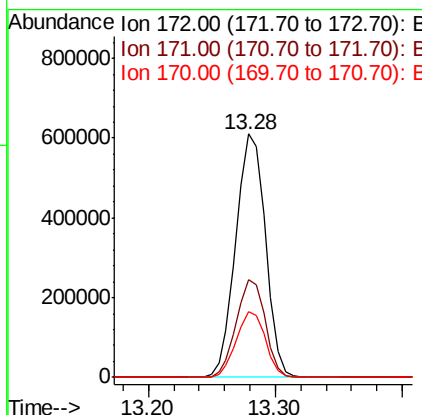
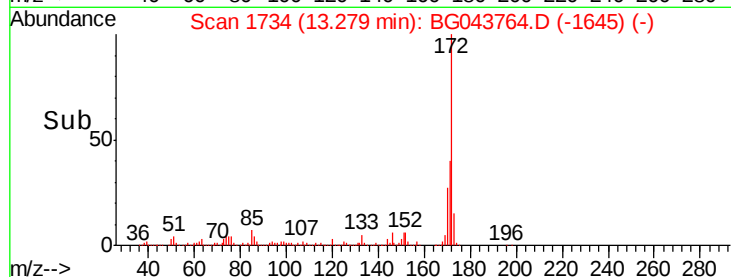
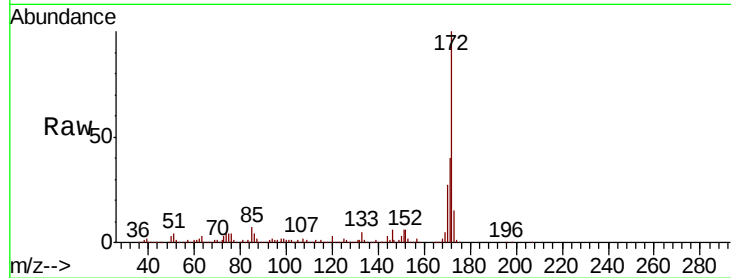
#45
2-Fluorobiphenyl
Concen: 81.922 ng
RT: 13.28 min Scan# 1734
Delta R.T. -0.01 min
Lab File: BG043764.D
Acq: 23 Nov 2019 20:16

Instrument :
BNA_G
ClientSampleId :
SU-02-112019MS

Tot Ion	Ratio	Resp	Lower	Upper
172	100	989417		
171	40.1		31.0	46.6
170	27.2		21.0	31.4

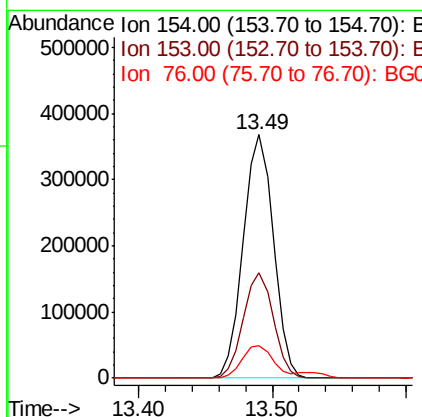
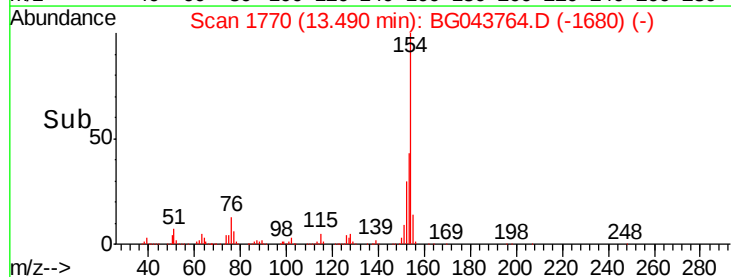
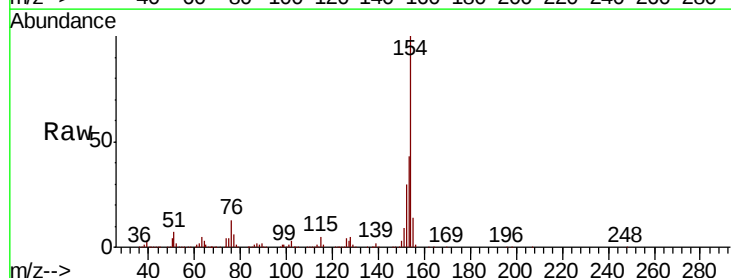
Manual Integrations
APPROVED

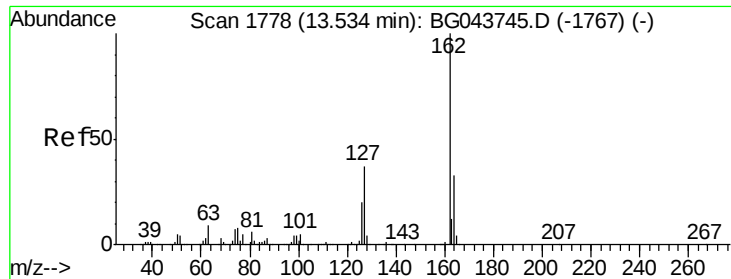
mohammad
11/25/2019 2:33:45 PM



#46
1,1'-Biphenyl
Concen: 41.651 ng
RT: 13.49 min Scan# 1770
Delta R.T. -0.00 min
Lab File: BG043764.D
Acq: 23 Nov 2019 20:16

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	573176		
153	43.3		23.5	63.5
76	13.2		0.0	33.6





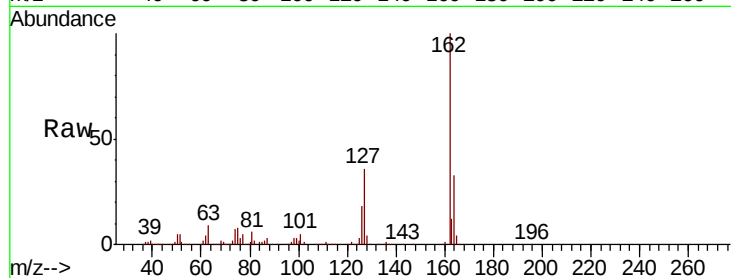
#47
2-Chloronaphthalene
Concen: 40.794 ng
RT: 13.53 min Scan# 1777
Delta R.T. -0.00 min
Lab File: BG043764.D
Acq: 23 Nov 2019 20:16

Instrument :
BNA_G
ClientSampleId :
SU-02-112019MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	457803		
127	35.9	30.0	45.0	
164	33.5	26.4	39.6	

Manual Integrations
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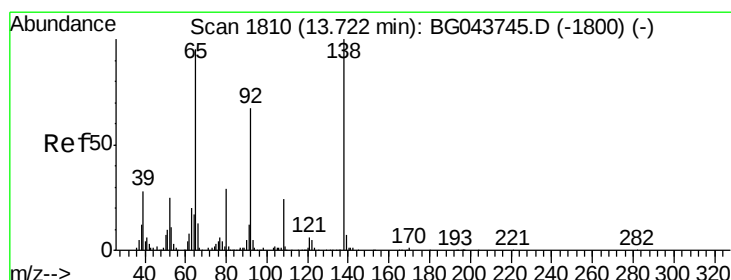
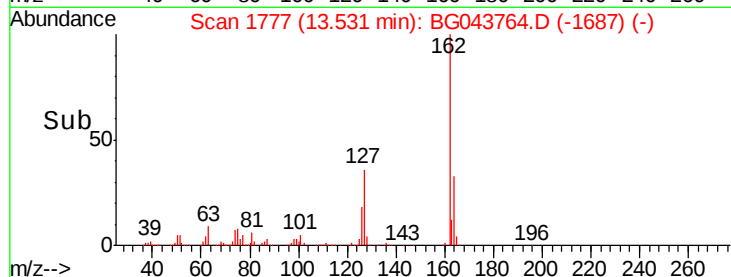
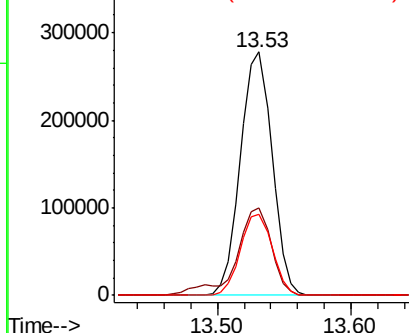


Abundance

Ion 162.00 (161.70 to 162.70): E

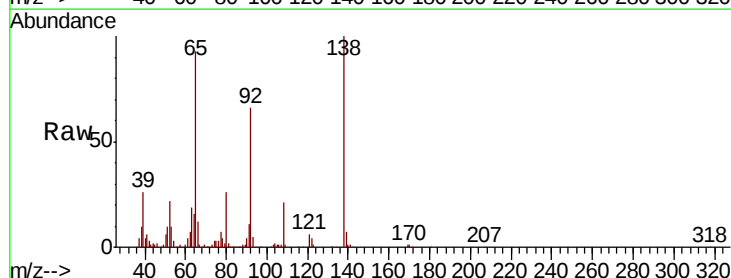
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
2-Nitroaniline
Concen: 48.612 ng
RT: 13.72 min Scan# 1809
Delta R.T. -0.00 min
Lab File: BG043764.D
Acq: 23 Nov 2019 20:16

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	159713		
92	70.9	56.1	84.1	
138	108.0	84.2	126.4	

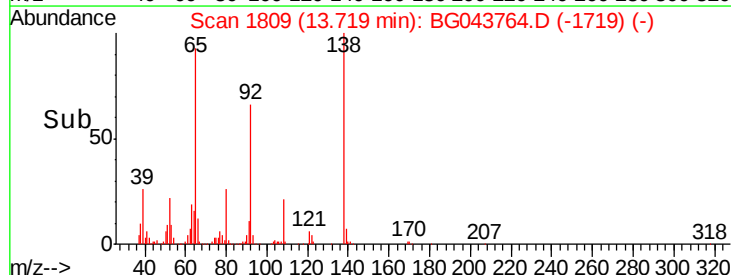
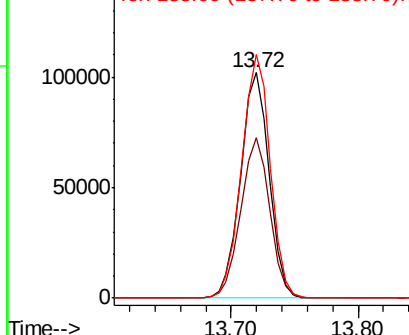


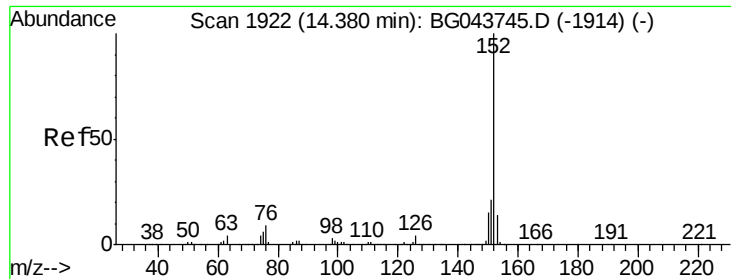
Abundance

Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E





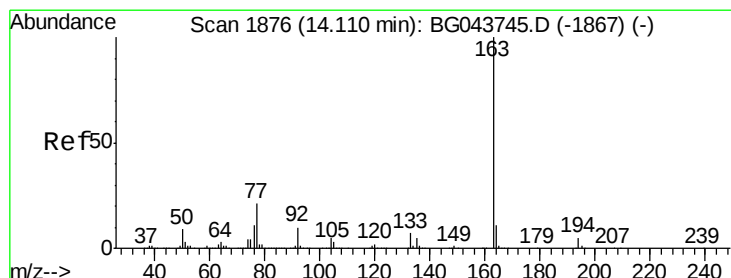
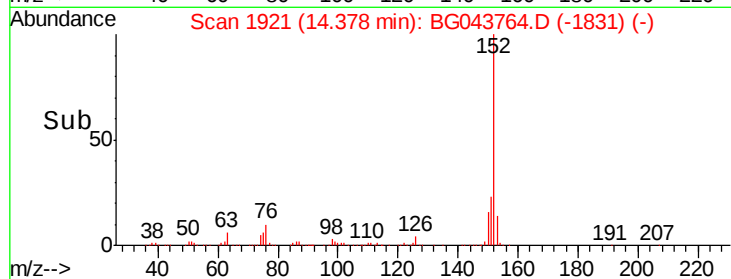
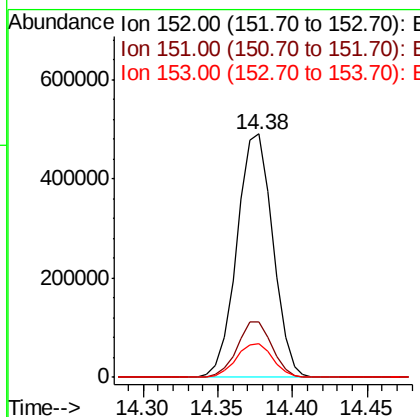
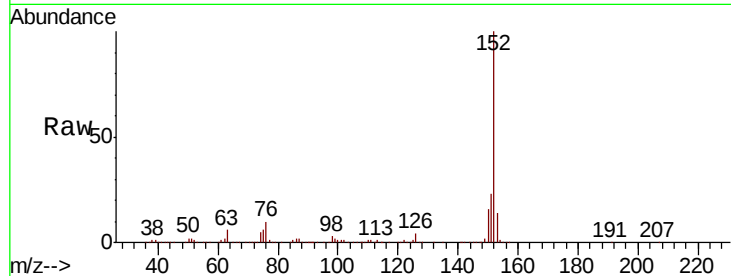
#49
Acenaphthylene
Concen: 46.281 ng
RT: 14.38 min Scan# 1921
Delta R.T. -0.00 min
Lab File: BG043764.D
Acq: 23 Nov 2019 20:16

Instrument :
BNA_G
ClientSampleId :
SU-02-112019MS

Tot Ion	Ratio	Lower	Upper
152	100		
151	22.9	17.0	25.6
153	13.8	10.8	16.2

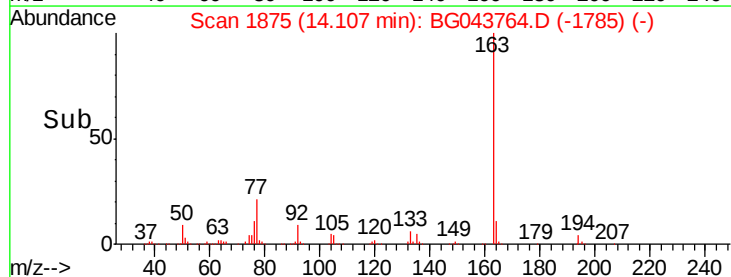
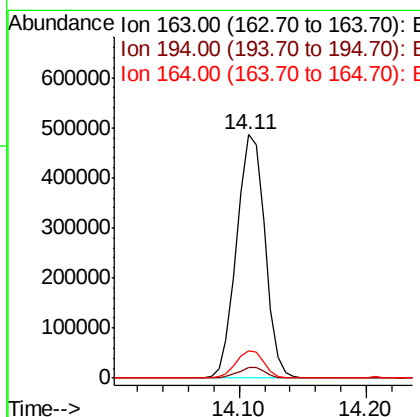
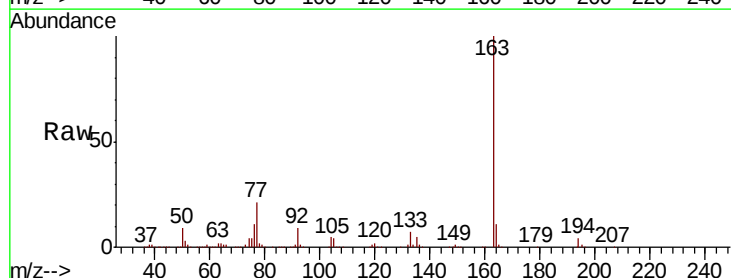
Manual Integrations
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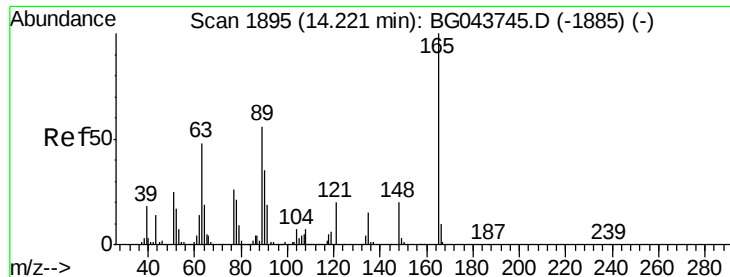
mohammad
11/25/2019 2:33:45 PM



#50
Dimethylphthalate
Concen: 47.763 ng
RT: 14.11 min Scan# 1875
Delta R.T. -0.00 min
Lab File: BG043764.D
Acq: 23 Nov 2019 20:16

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.7	5.5
164	11.3	8.7	13.1





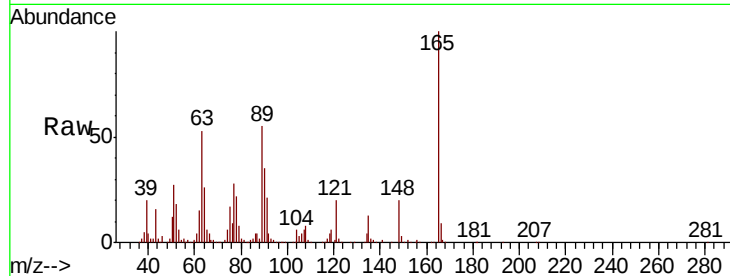
#51
 2,6-Dinitrotoluene
 Concen: 55.187 ng
 RT: 14.21 min Scan# 1893
 Delta R.T. -0.01 min
 Lab File: BG043764.D
 Acq: 23 Nov 2019 20:16

Instrument :
 BNA_G
 ClientSampleId :
 SU-02-112019MS

Tot Ion	Ratio	Lower	Upper
165	100		
63	52.9	43.4	65.2
89	54.6	44.6	67.0

Manual Integrations
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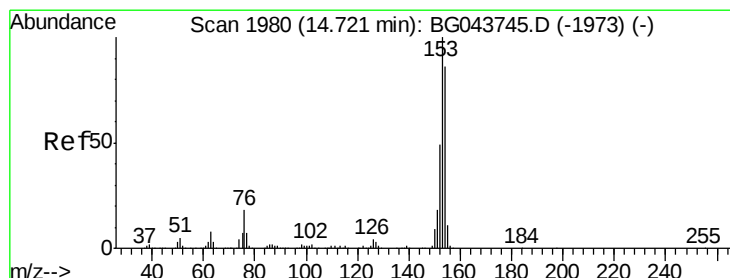
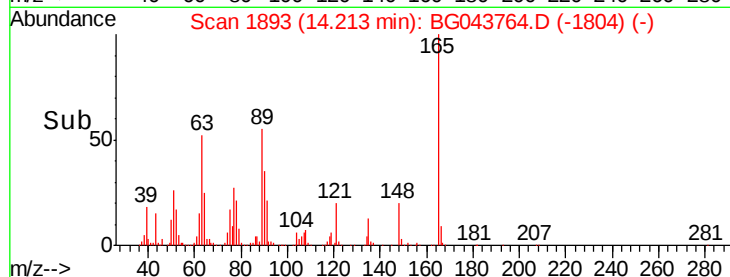
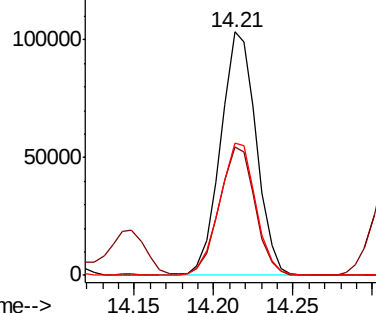


Abundance

Ion 165.00 (164.70 to 165.70): E

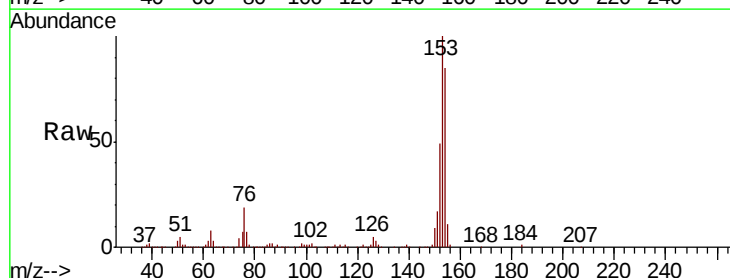
Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG



#52
 Acenaphthene
 Concen: 49.544 ng
 RT: 14.72 min Scan# 1979
 Delta R.T. -0.00 min
 Lab File: BG043764.D
 Acq: 23 Nov 2019 20:16

Tgt Ion	Ratio	Lower	Upper
154	100		
153	117.1	92.9	139.3
152	56.9	45.2	67.8

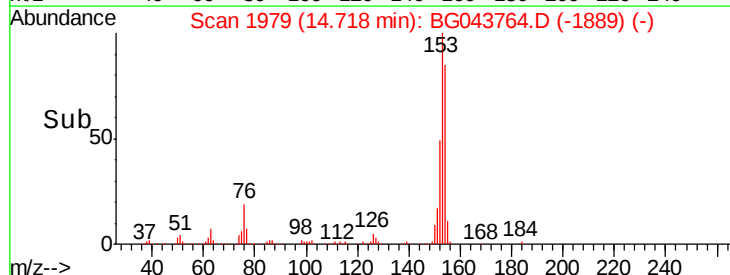
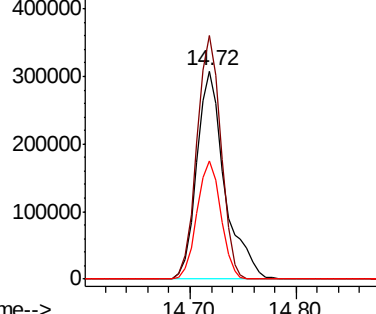


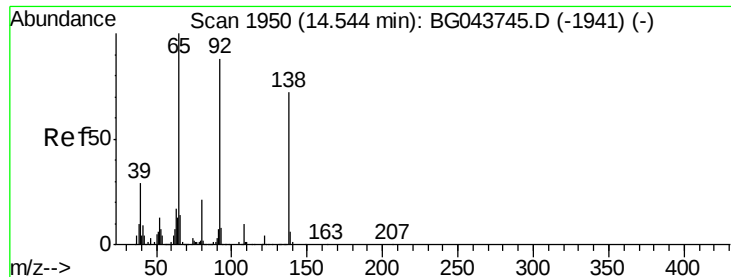
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





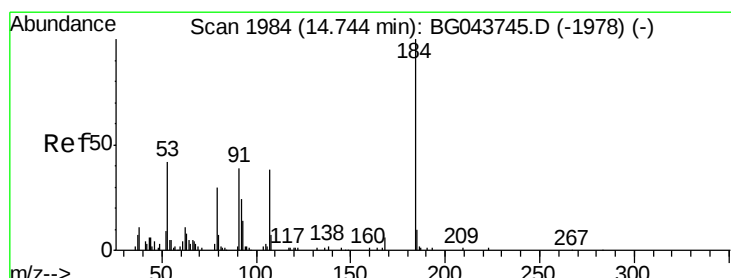
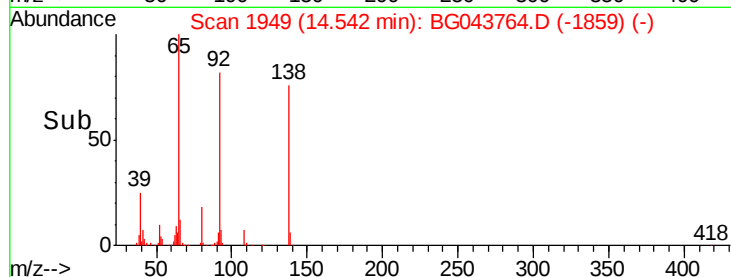
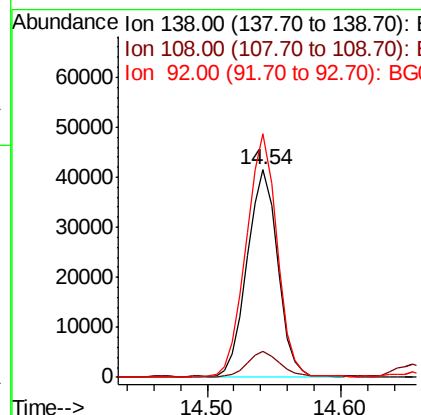
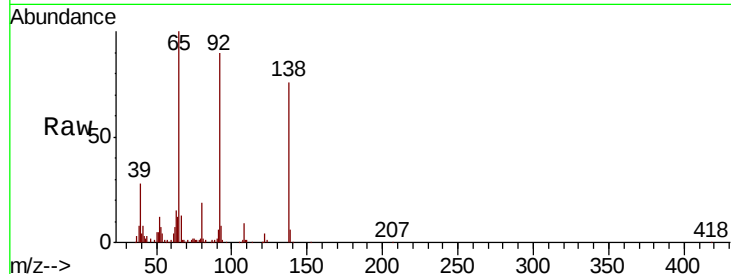
#53
3-Nitroaniline
Concen: 19.418 ng
RT: 14.54 min Scan# 1949
Delta R.T. -0.00 min
Lab File: BG043764.D
Acq: 23 Nov 2019 20:16

Instrument :
BNA_G
ClientSampleId :
SU-02-112019MS

Tot Ion	Ratio	Lower	Upper
138	100		
108	12.3	11.7	17.5
92	117.3	97.2	145.8

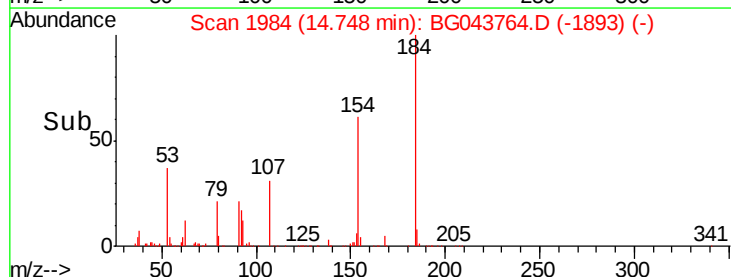
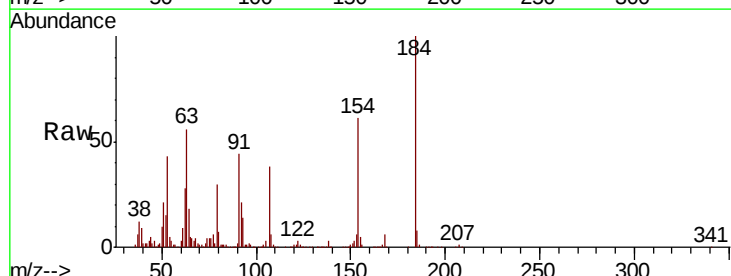
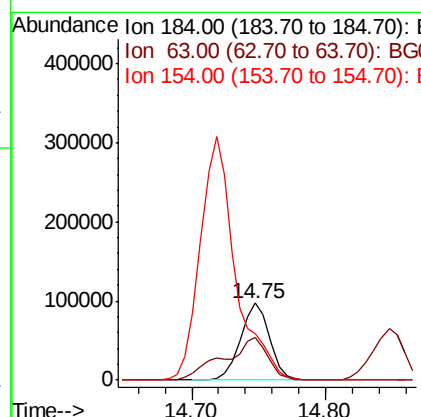
Manual Integrations
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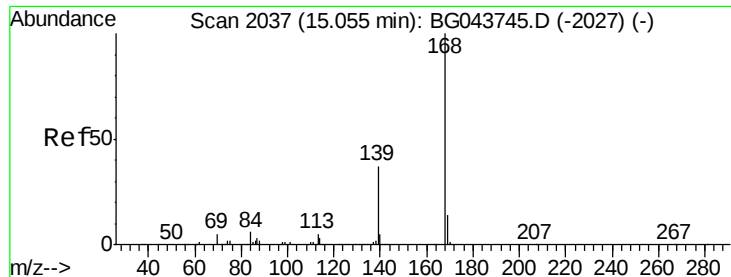
mohammad
11/25/2019 2:33:45 PM



#54
2,4-Dinitrophenol
Concen: 122.339 ng
RT: 14.75 min Scan# 1984
Delta R.T. 0.00 min
Lab File: BG043764.D
Acq: 23 Nov 2019 20:16

Tgt Ion	Ratio	Lower	Upper
184	100		
63	56.2	52.4	78.6
154	60.7	92.8	139.2#





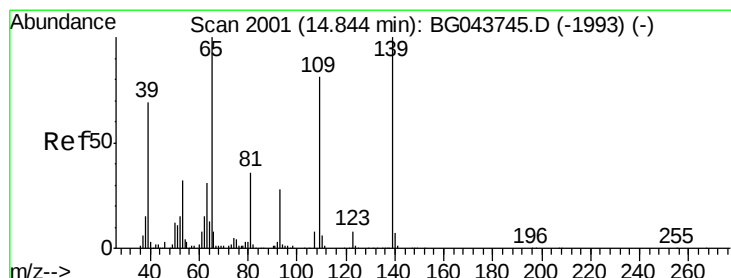
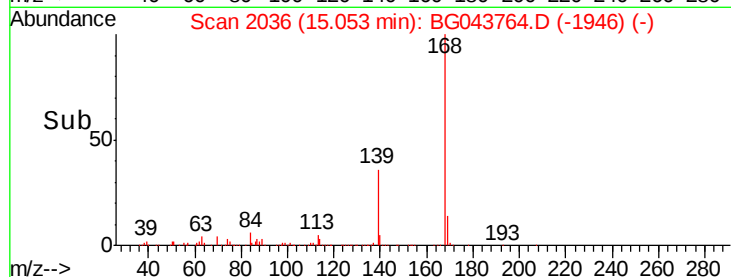
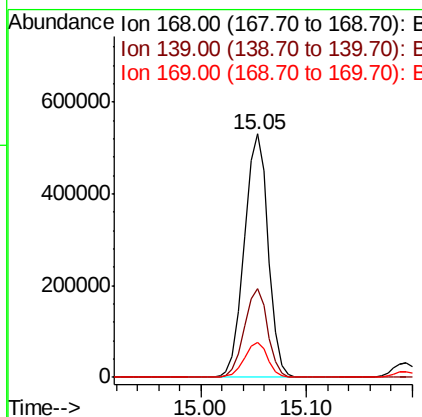
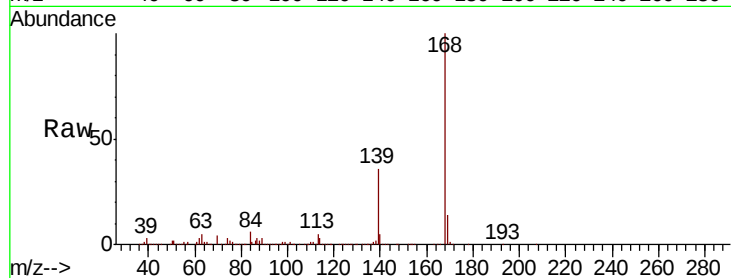
#55
Dibenzenofuran
Concen: 47.047 ng
RT: 15.05 min Scan# 2036
Delta R.T. -0.00 min
Lab File: BG043764.D
Acq: 23 Nov 2019 20:16

Instrument :
BNA_G
ClientSampleId :
SU-02-112019MS

Tot Ion	Ratio	Lower	Upper
168	100		
139	36.3	29.4	44.2
169	14.4	11.3	16.9

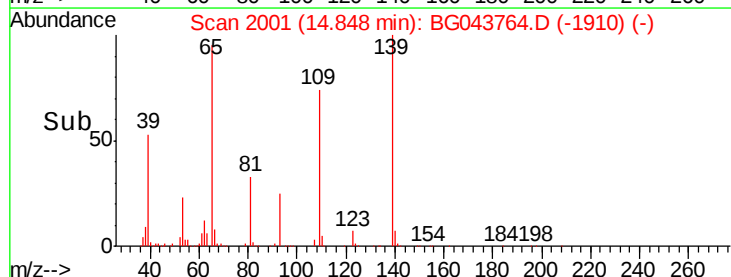
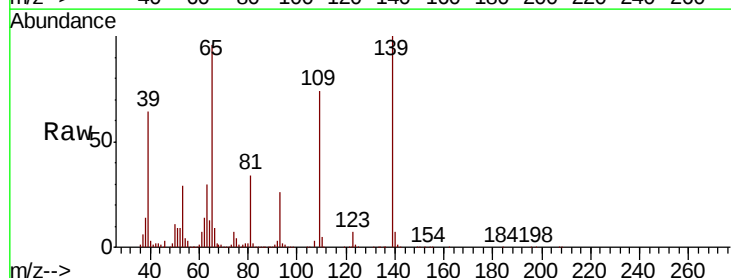
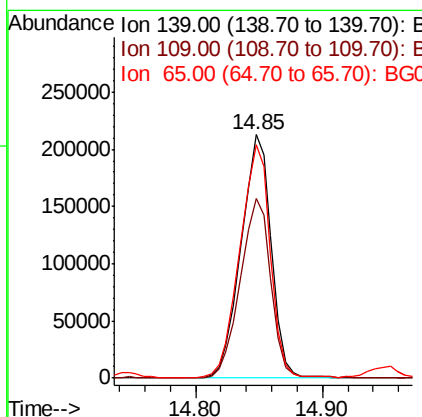
Manual Integrations
APPROVED

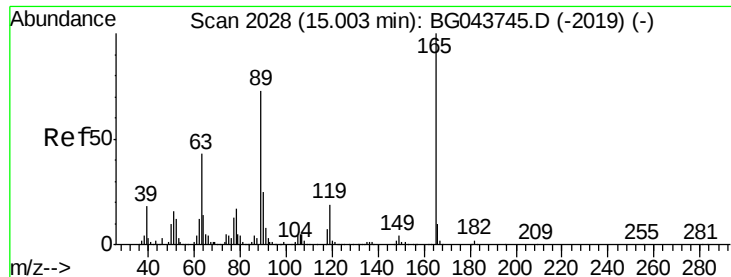
mohammad
11/25/2019 2:33:45 PM



#56
4-Nitrophenol
Concen: 122.443 ng
RT: 14.85 min Scan# 2001
Delta R.T. 0.00 min
Lab File: BG043764.D
Acq: 23 Nov 2019 20:16

Tgt Ion	Ratio	Lower	Upper
139	100		
109	73.8	61.4	101.4
65	96.0	80.3	120.3





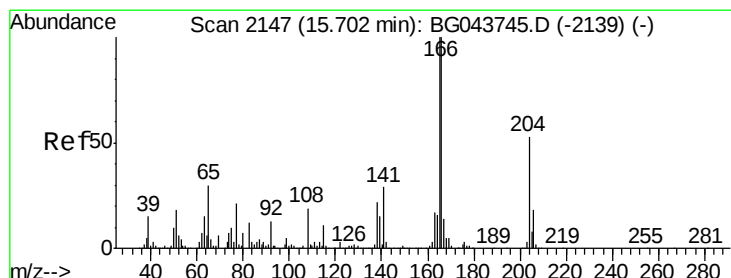
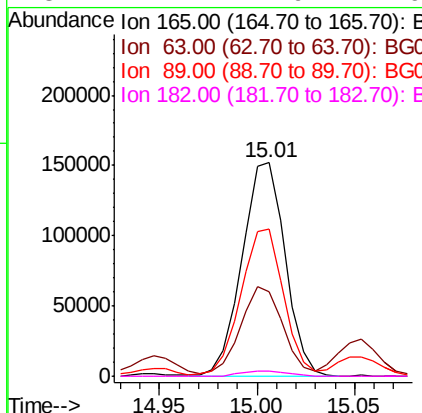
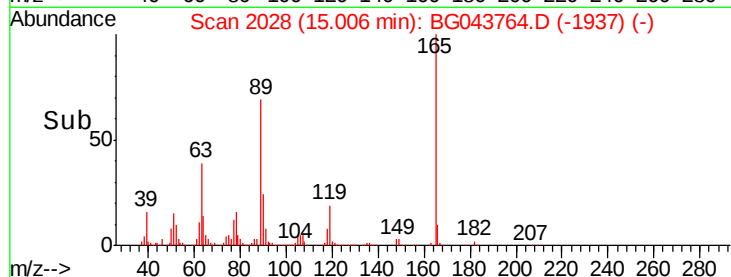
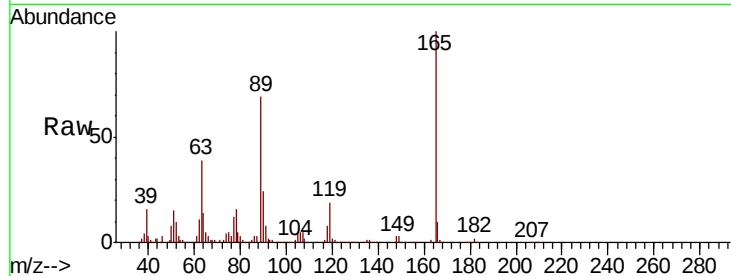
#57
2,4-Dinitrotoluene
Concen: 57.247 ng
RT: 15.01 min Scan# 2028
Delta R.T. 0.00 min
Lab File: BG043764.D
Acq: 23 Nov 2019 20:16

Instrument :
BNA_G
ClientSampleId :
SU-02-112019MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		231871		
63	39.3	34.6	51.8		
89	69.2	58.3	87.5		
182	2.4	1.9	2.9		

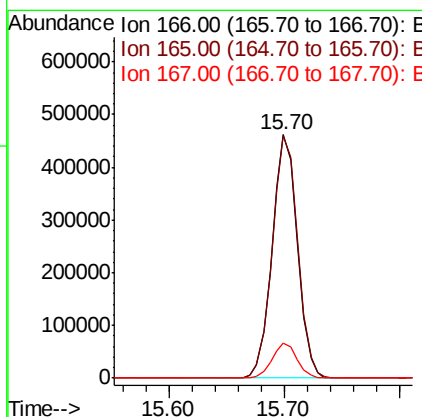
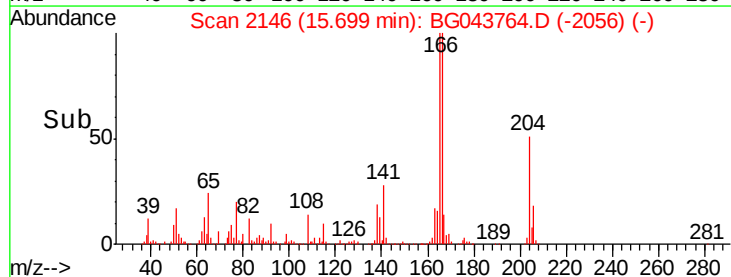
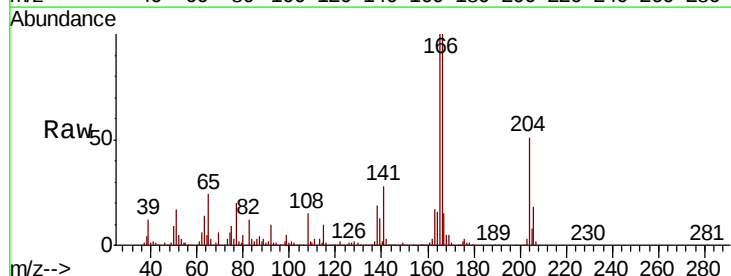
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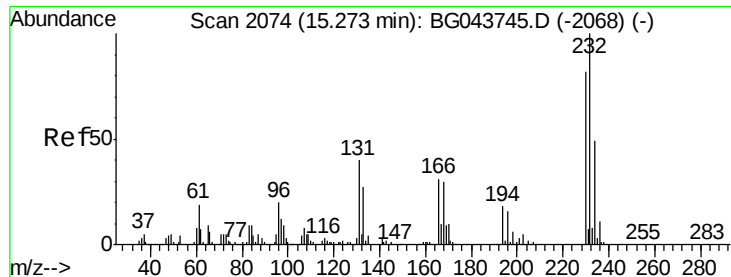
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#58
Fluorene
Concen: 48.571 ng
RT: 15.70 min Scan# 2146
Delta R.T. -0.00 min
Lab File: BG043764.D
Acq: 23 Nov 2019 20:16

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		700666		
165	99.7	79.9	119.9		
167	14.6	11.4	17.0		





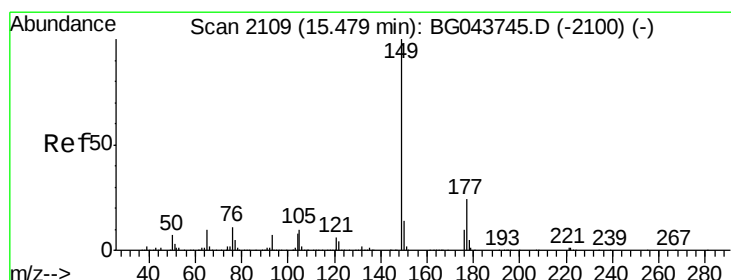
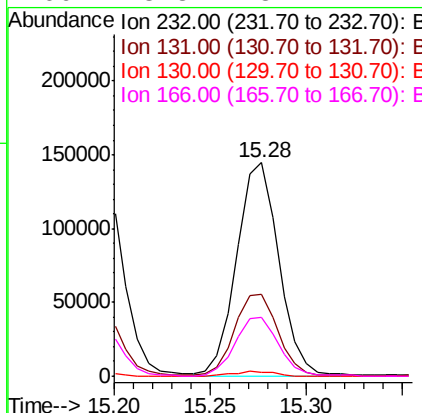
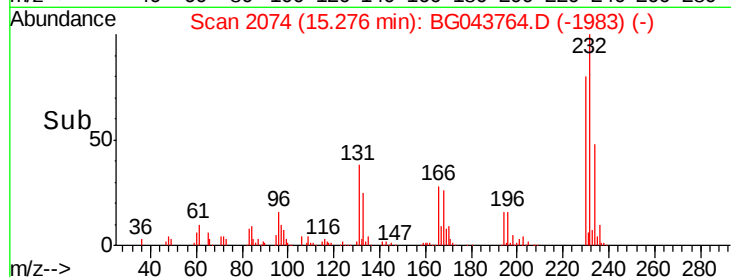
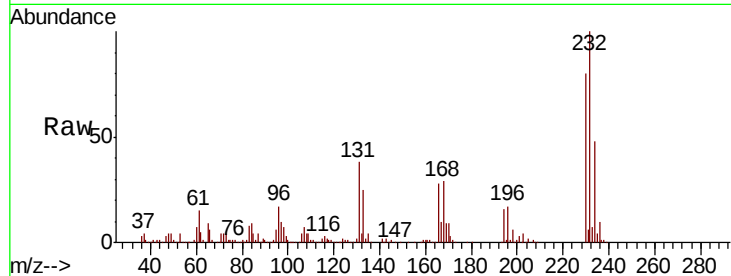
#59
2,3,4,6-Tetrachlorophenol
Concen: 52.399 ng/ml
RT: 15.28 min Scan# 2074
Delta R.T. 0.00 min
Lab File: BG043764.D
Acq: 23 Nov 2019 20:16

Instrument :
BNA_G
ClientSampleId :
SU-02-112019MS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	222444		
131	33.6		27.0	40.6
130	2.3		1.6	2.4
166	23.3		18.2	27.2

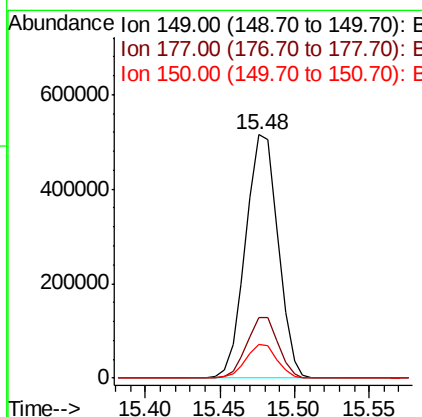
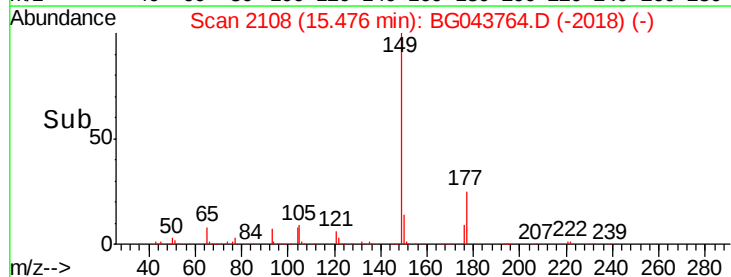
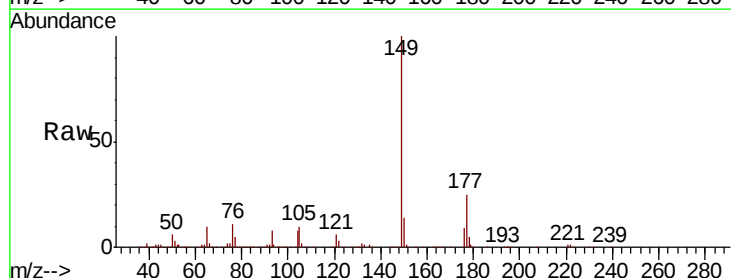
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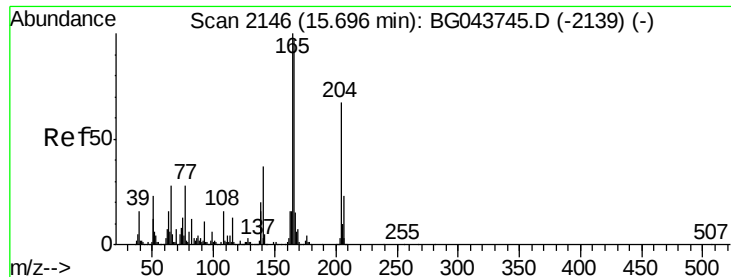
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#60
Diethylphthalate
Concen: 48.983 ng
RT: 15.48 min Scan# 2108
Delta R.T. -0.00 min
Lab File: BG043764.D
Acq: 23 Nov 2019 20:16

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	774731		
177	24.8		19.3	28.9
150	13.8		11.1	16.7





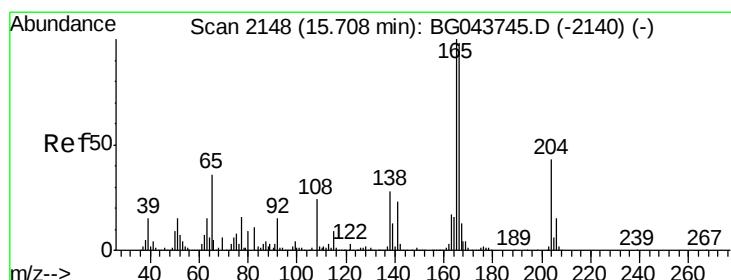
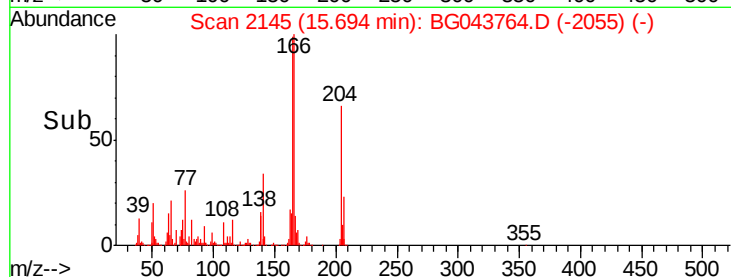
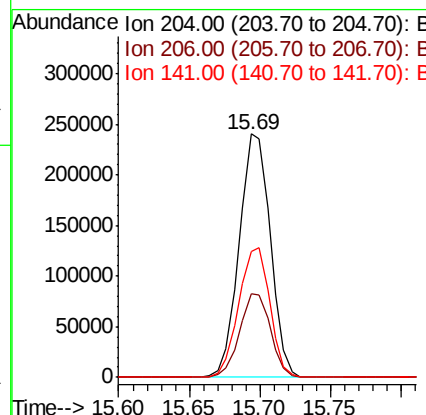
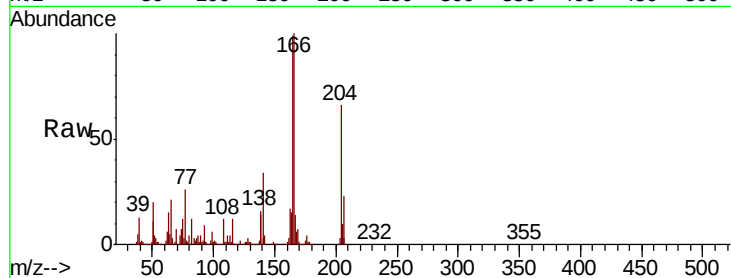
#61
4-Chlorophenyl-phenylether
Concen: 46.520 ng
RT: 15.69 min Scan# 2145
Delta R.T. -0.00 min
Lab File: BG043764.D
Acq: 23 Nov 2019 20:16

Instrument :
BNA_G
ClientSampleId :
SU-02-112019MS

Tot Ion	Ratio	Lower	Upper
204	100		
206	34.4	27.4	41.0
141	51.8	44.3	66.5

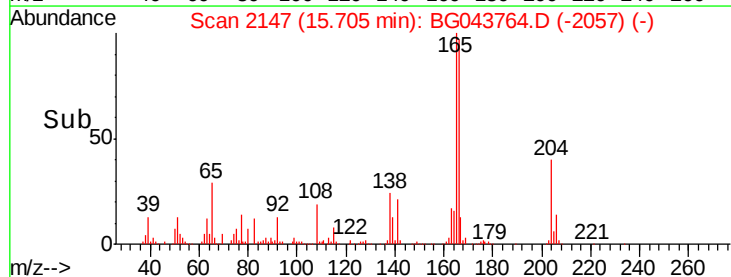
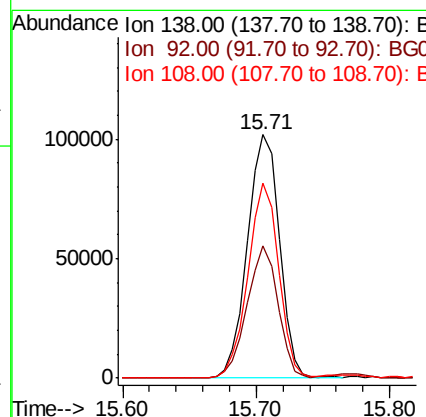
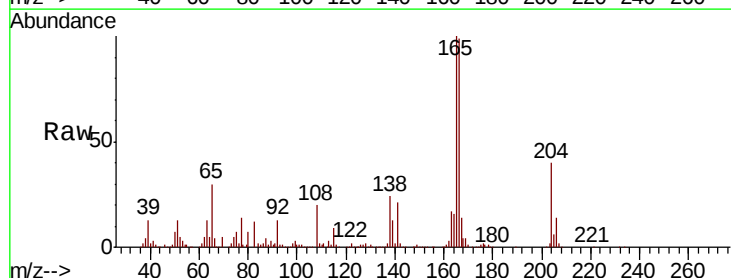
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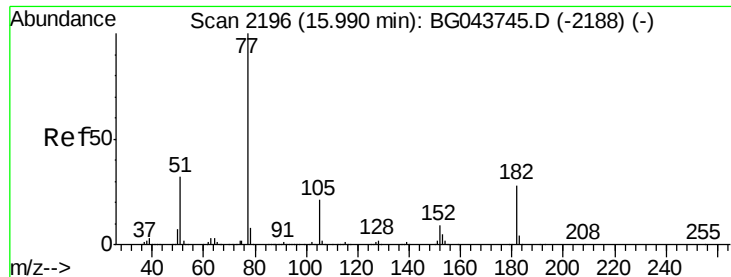
mohammad
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#62
4-Nitroaniline
Concen: 43.167 ng
RT: 15.71 min Scan# 2147
Delta R.T. -0.00 min
Lab File: BG043764.D
Acq: 23 Nov 2019 20:16

Tgt Ion	Ratio	Lower	Upper
138	100		
92	54.5	34.6	74.6
108	80.2	65.7	105.7





#63

Azobenzene

Concen: 47.333 ng

RT: 15.99 min Scan# 2195

Delta R.T. -0.00 min

Lab File: BG043764.D

Acq: 23 Nov 2019 20:16

Instrument :

BNA_G

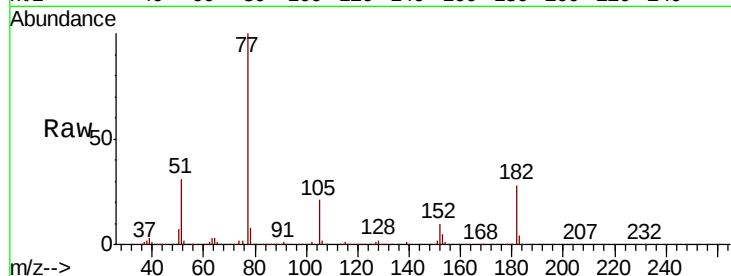
ClientSampleId :

SU-02-112019MS

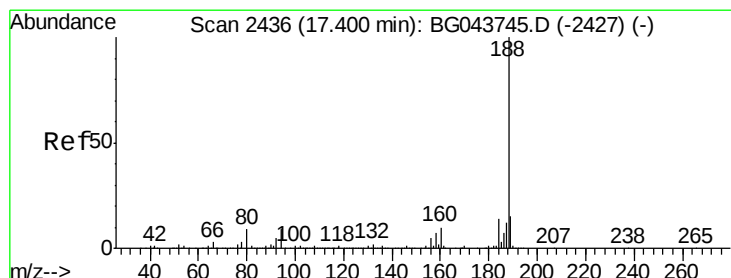
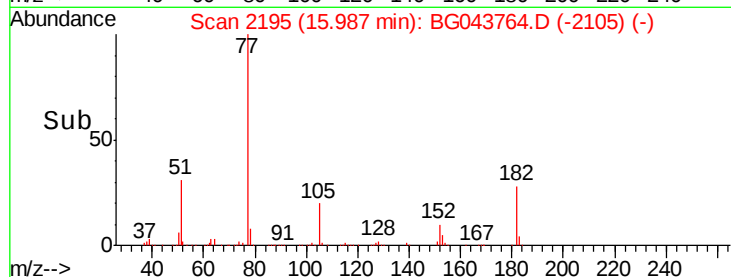
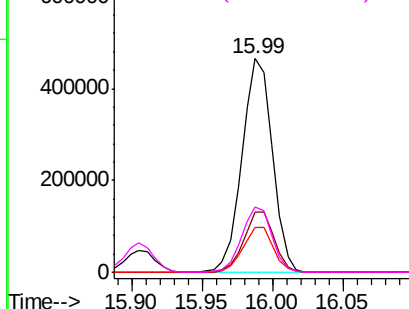
Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	28.2	7.6	47.6	
105	21.0	0.7	40.7	
51	30.8	12.1	52.1	

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



#64

Phenanthrene-d10

Concen: 20.000 ng

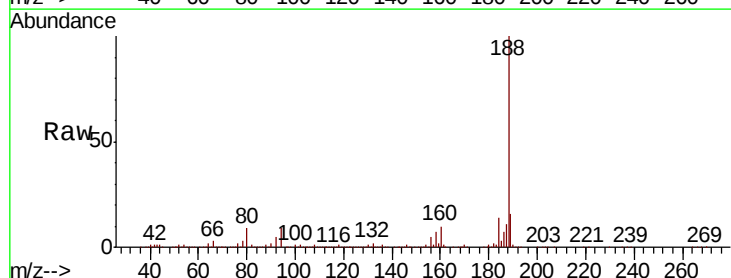
RT: 17.40 min Scan# 2435

Delta R.T. -0.00 min

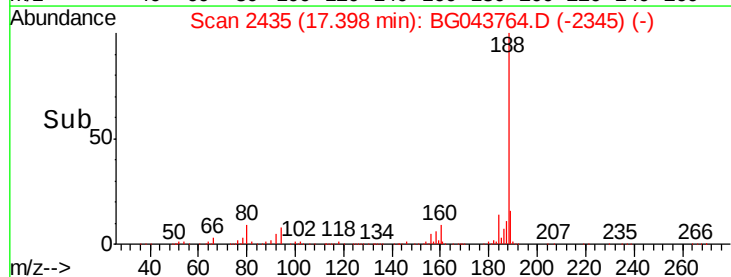
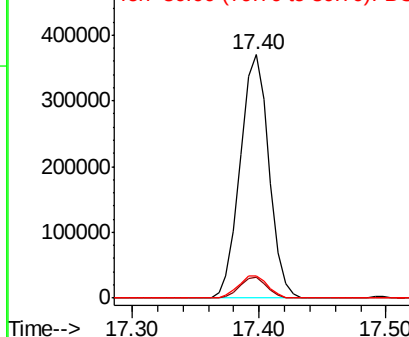
Lab File: BG043764.D

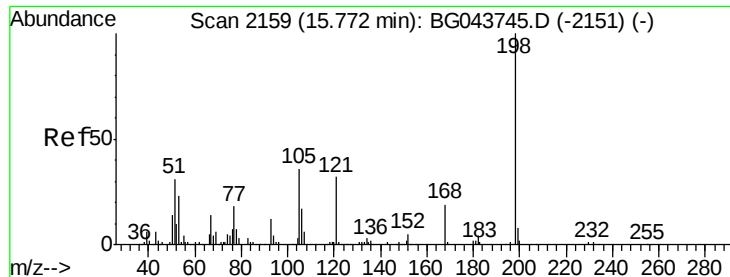
Acq: 23 Nov 2019 20:16

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	8.7	6.9	10.3	
80	9.4	7.5	11.3	



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: 50.929 ng

RT: 15.77 min Scan# 2158

Delta R.T. -0.00 min

Lab File: BG043764.D

Acq: 23 Nov 2019 20:16

Instrument :

BNA_G

ClientSampleId :

SU-02-112019MS

Tot Ion:198 Resp: 110137
Ion Ratio Lower Upper

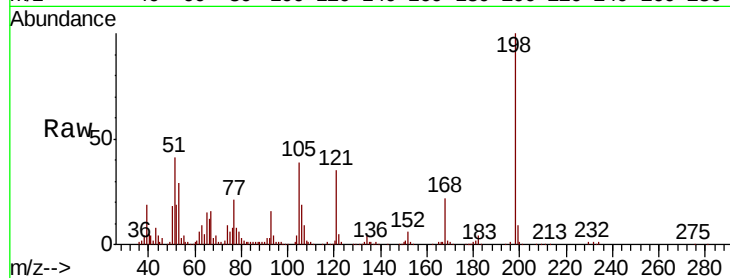
198 100

51 40.8 16.8 56.8

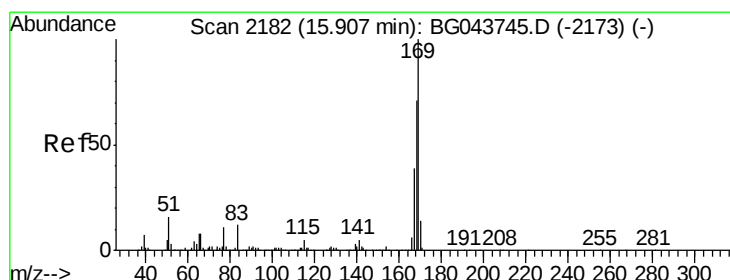
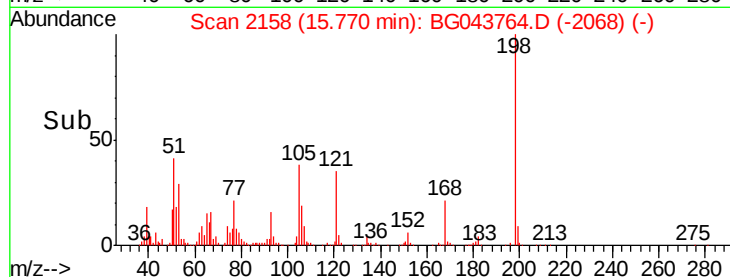
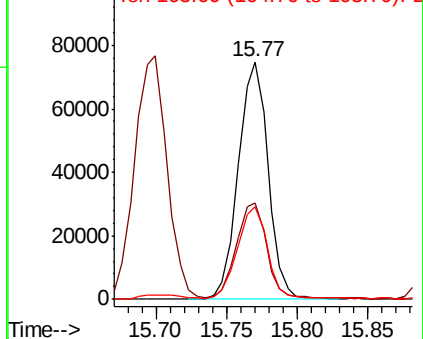
105 38.9 17.3 57.3

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Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BG
Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 42.018 ng

RT: 15.91 min Scan# 2181

Delta R.T. -0.00 min

Lab File: BG043764.D

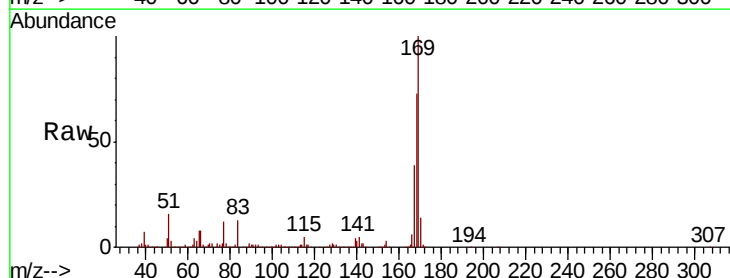
Acq: 23 Nov 2019 20:16

Tgt Ion:169 Resp: 644830
Ion Ratio Lower Upper

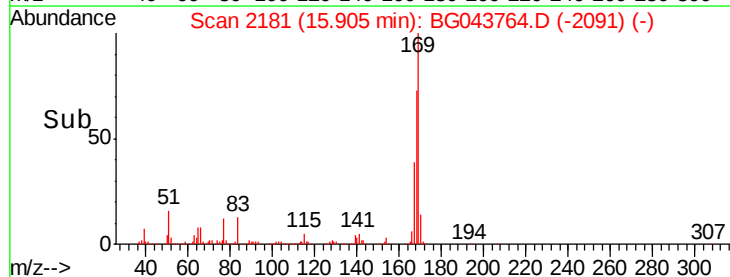
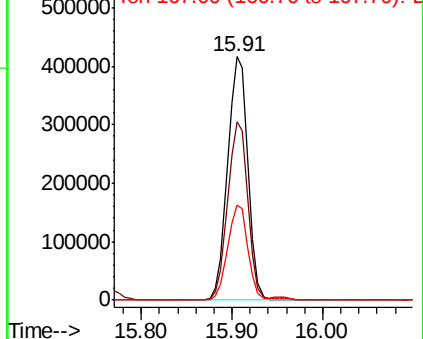
169 100

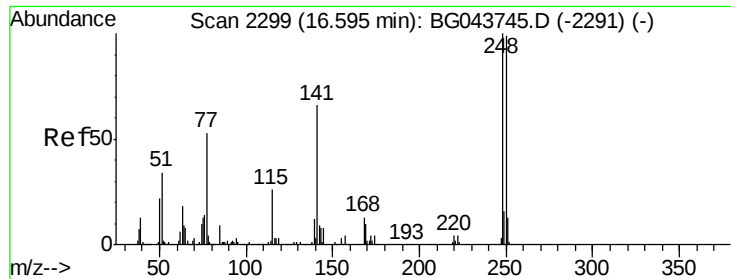
168 73.3 56.6 85.0

167 39.3 30.8 46.2



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E





#67

4-Bromophenyl-phenylether

Concen: 42.070 ng

RT: 16.59 min Scan# 2298

Delta R.T. -0.00 min

Lab File: BG043764.D

Acq: 23 Nov 2019 20:16

Instrument :

BNA_G

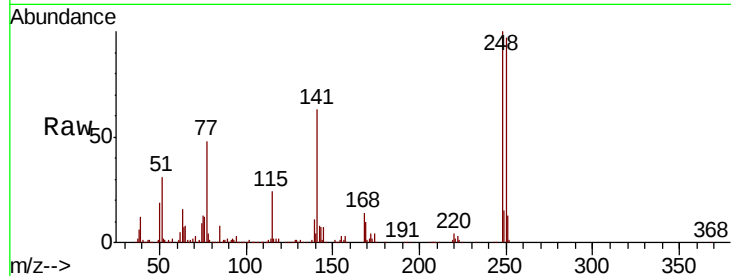
ClientSampleId :

SU-02-112019MS

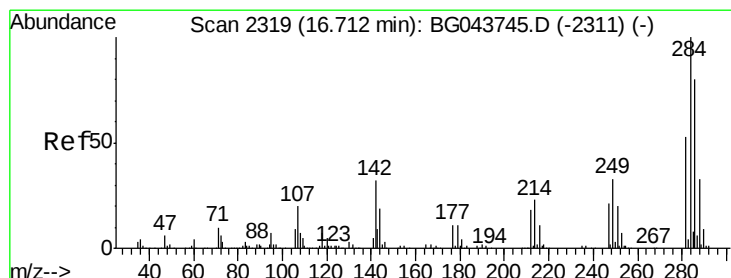
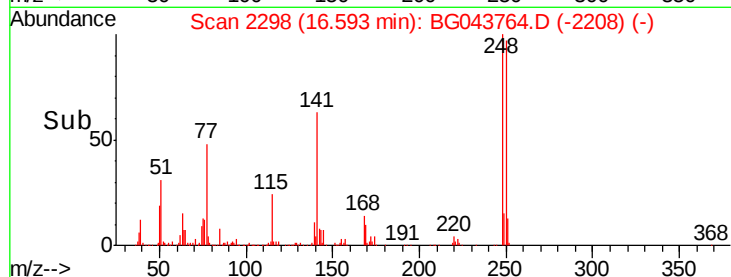
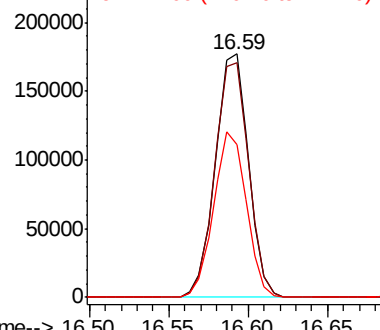
Tot Ion:	248	Resp:	257156
Ion Ratio	Lower	Upper	
248	100		
250	96.6	79.3	118.9
141	62.9	53.0	79.6

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Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E



#68

Hexachlorobenzene

Concen: 41.530 ng

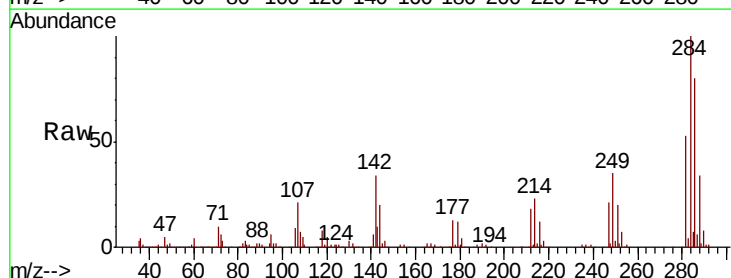
RT: 16.71 min Scan# 2318

Delta R.T. -0.00 min

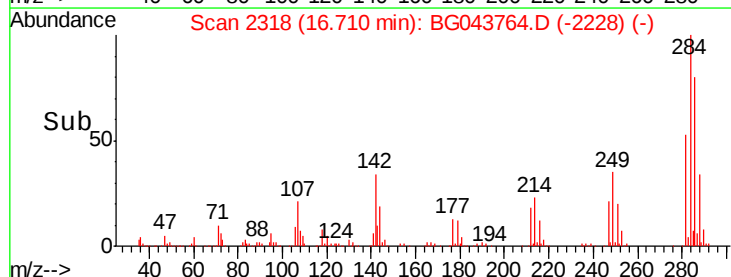
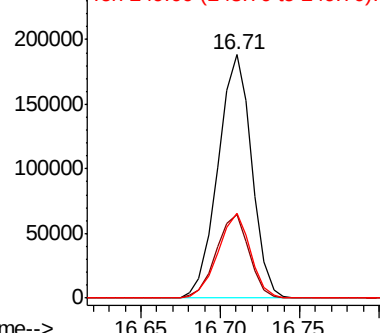
Lab File: BG043764.D

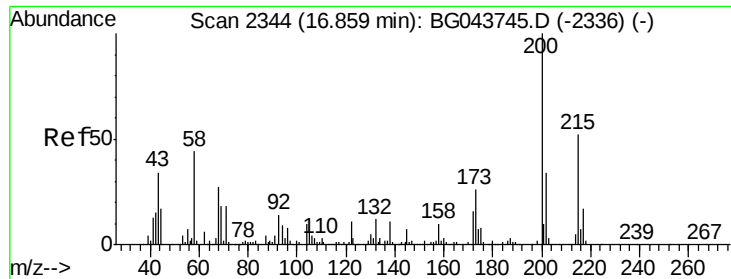
Acq: 23 Nov 2019 20:16

Tgt Ion:	284	Resp:	277518
Ion Ratio	Lower	Upper	
284	100		
142	34.3	25.4	38.0
249	34.6	26.2	39.4



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E





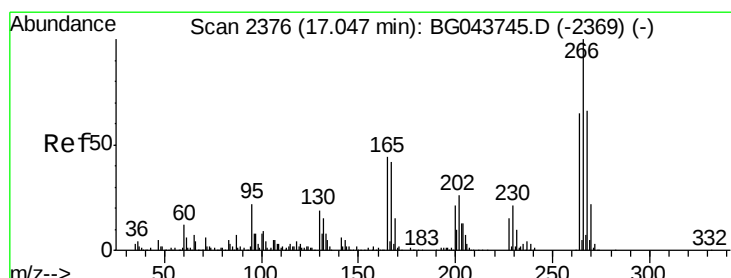
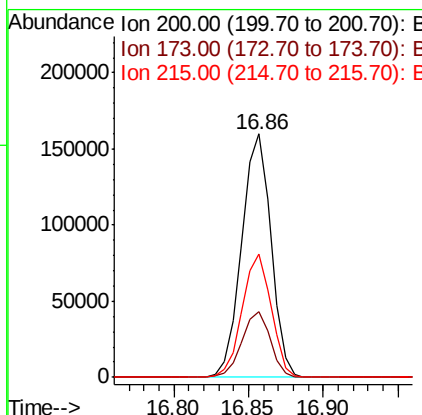
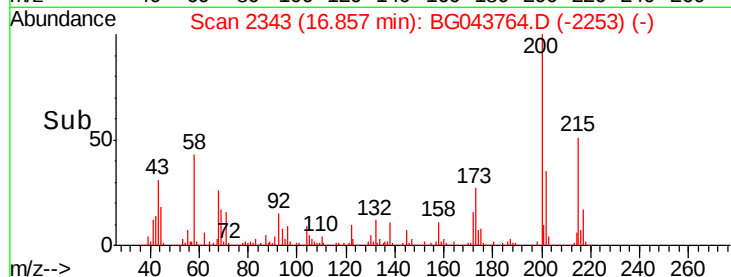
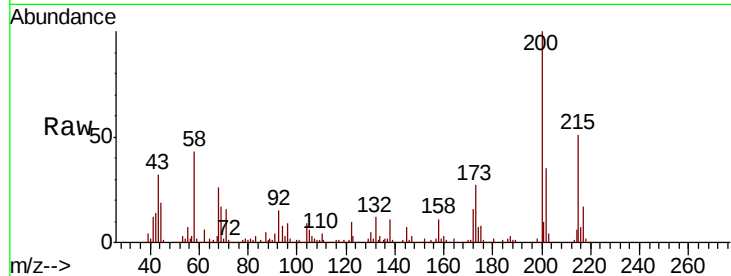
#69
 Atrazine
 Concen: 35.298 ng
 RT: 16.86 min Scan# 2343
 Delta R.T. -0.00 min
 Lab File: BG043764.D
 Acq: 23 Nov 2019 20:16

Instrument :
 BNA_G
 ClientSampleId :
 SU-02-112019MS

Tot Ion	Ratio	Resp	Lower	Upper
200	100	217100		
173	27.0	6.0	46.0	
215	50.7	32.4	72.4	

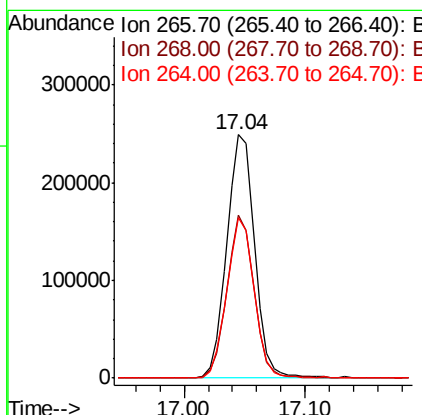
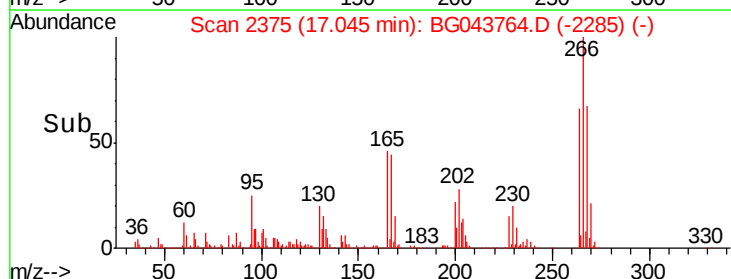
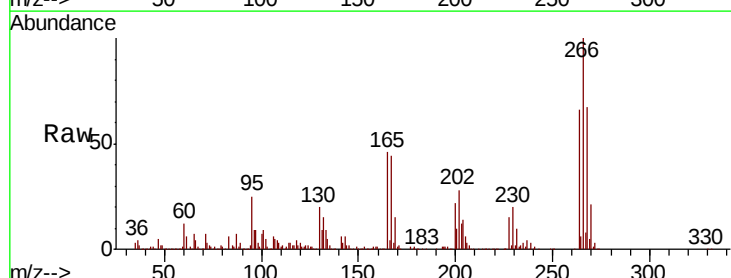
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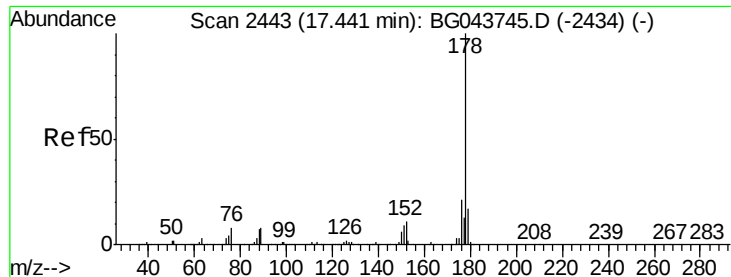
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#70
 Pentachlorophenol
 Concen: 98.375 ng
 RT: 17.04 min Scan# 2375
 Delta R.T. -0.00 min
 Lab File: BG043764.D
 Acq: 23 Nov 2019 20:16

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	401129		
268	66.7	52.9	79.3	
264	65.8	51.6	77.4	





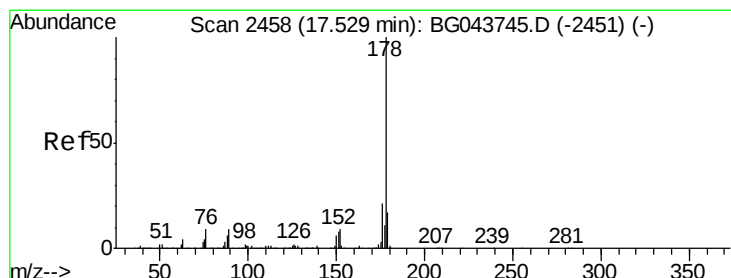
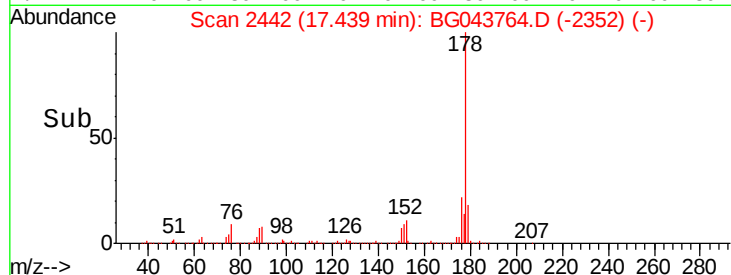
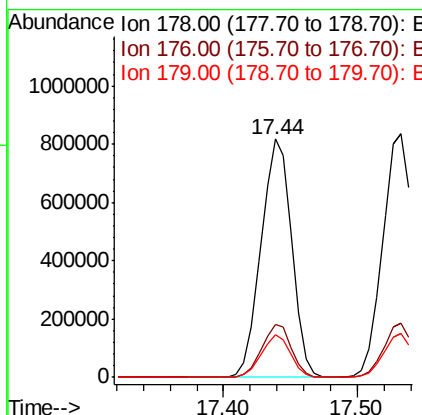
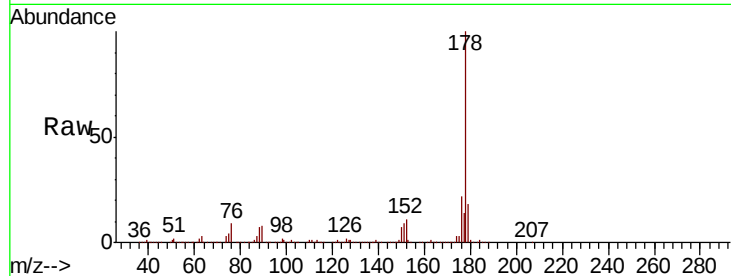
#71
Phenanthrene
Concen: 45.234 ng
RT: 17.44 min Scan# 2442
Delta R.T. -0.00 min
Lab File: BG043764.D
Acq: 23 Nov 2019 20:16

Instrument :
BNA_G
ClientSampleId :
SU-02-112019MS

Tot Ion	Ratio	Lower	Upper
178	100		
176	22.1	16.9	25.3
179	17.8	13.5	20.3

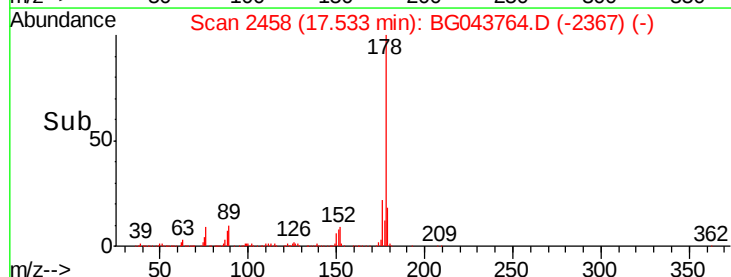
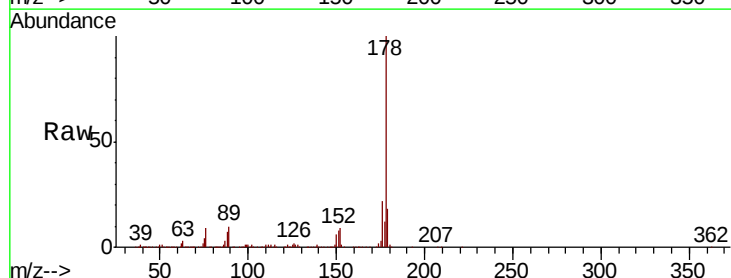
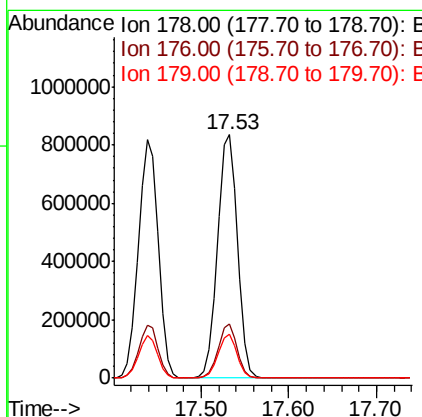
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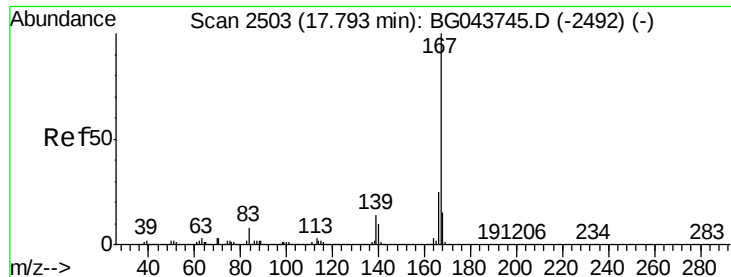
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#72
Anthracene
Concen: 45.675 ng
RT: 17.53 min Scan# 2458
Delta R.T. 0.00 min
Lab File: BG043764.D
Acq: 23 Nov 2019 20:16

Tgt Ion	Ratio	Lower	Upper
178	100		
176	22.2	16.5	24.7
179	18.3	13.4	20.2





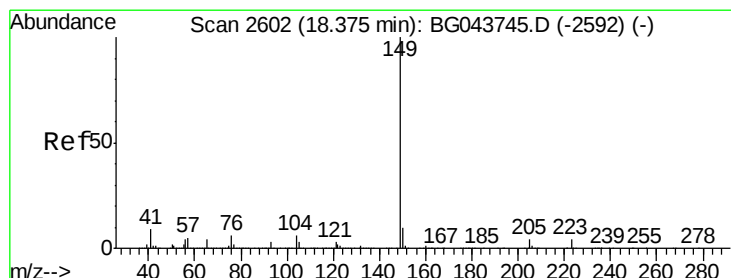
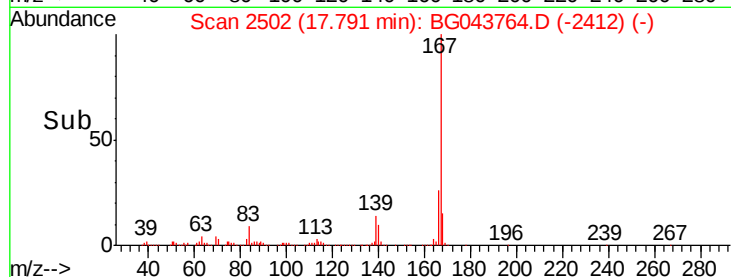
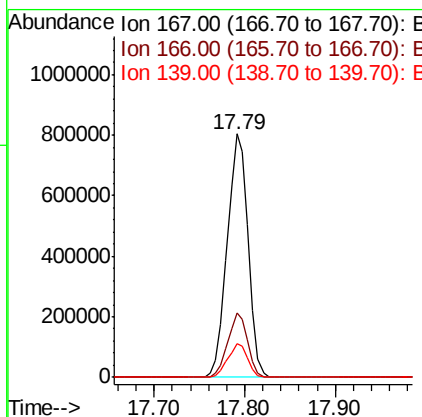
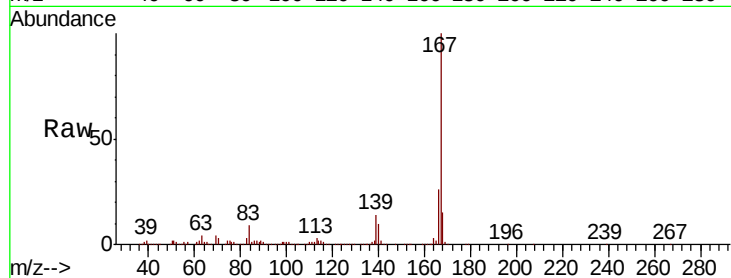
#73
 Carbazole
 Concen: 45.836 ng
 RT: 17.79 min Scan# 2502
 Delta R.T. -0.00 min
 Lab File: BG043764.D
 Acq: 23 Nov 2019 20:16

Instrument :
 BNA_G
 ClientSampleId :
 SU-02-112019MS

Tot Ion	Ratio	Lower	Upper
167	100		
166	26.2	19.8	29.6
139	13.7	10.9	16.3

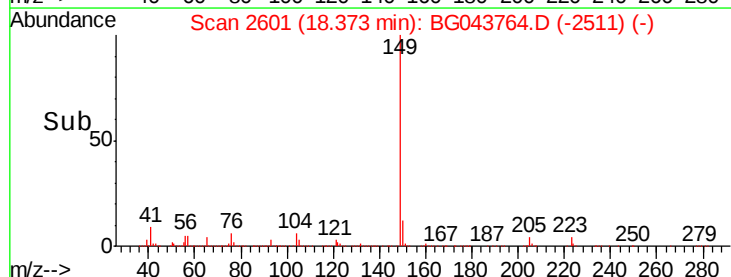
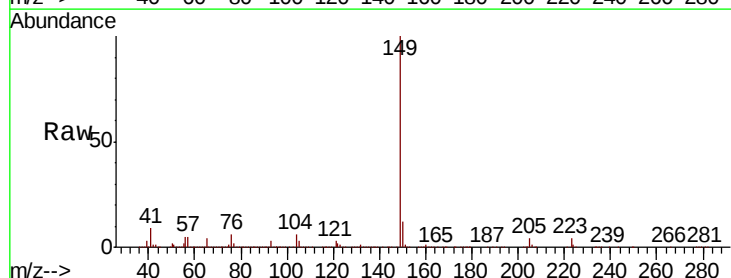
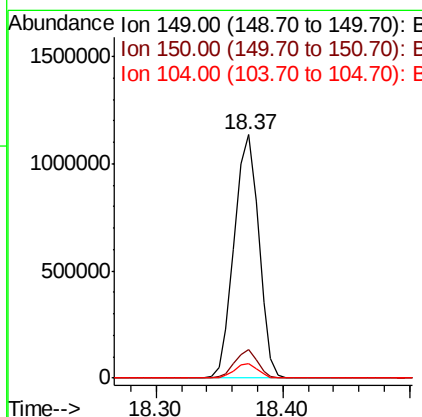
Manual Integrations
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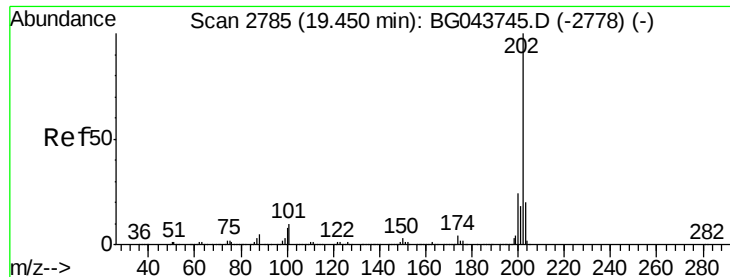
mohammad
 11/25/2019 2:33:45 PM



#74
 Di-n-butylphthalate
 Concen: 41.439 ng
 RT: 18.37 min Scan# 2601
 Delta R.T. -0.00 min
 Lab File: BG043764.D
 Acq: 23 Nov 2019 20:16

Tgt Ion	Ratio	Lower	Upper
149	100		
150	11.8	8.4	12.6
104	6.0	4.6	7.0





#75

Fluoranthene

Concen: 43.154 ng

RT: 19.45 min Scan# 2784

Delta R.T. -0.00 min

Lab File: BG043764.D

Acq: 23 Nov 2019 20:16

Instrument :

BNA_G

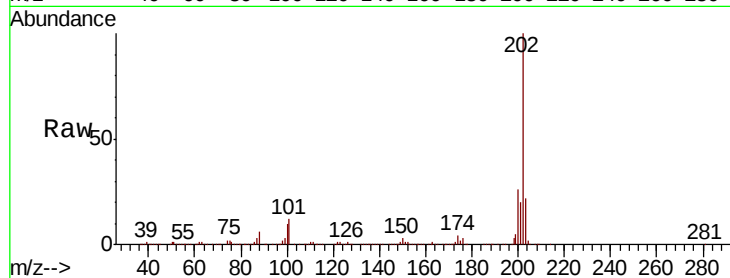
ClientSampleId :

SU-02-112019MS

Tot Ion:	202	Resp:	1775379
Ion	Ratio	Lower	Upper
202	100		
101	11.6	0.0	30.1
203	21.9	0.0	39.7

Manual Integrations
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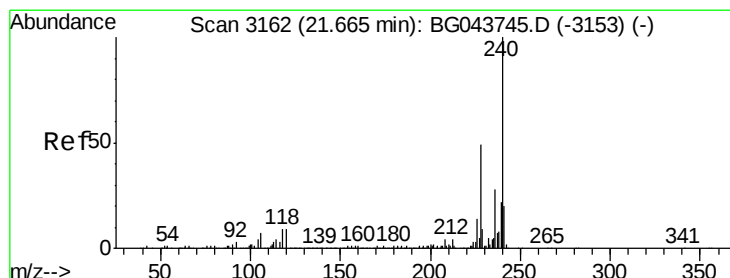
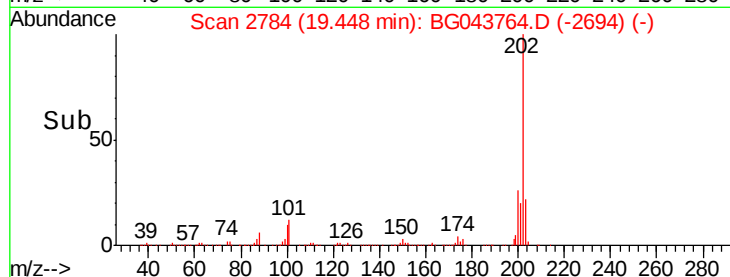
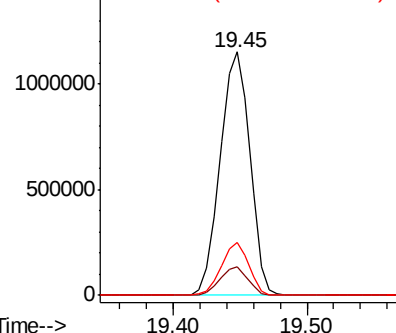


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

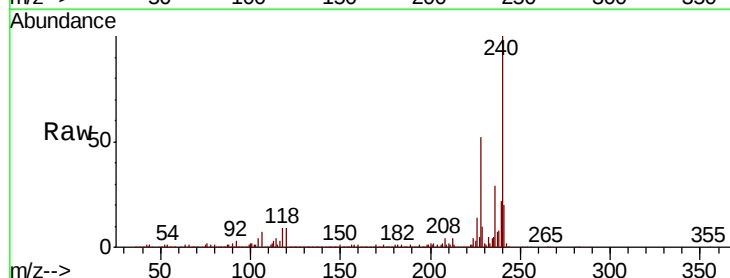
RT: 21.66 min Scan# 3161

Delta R.T. -0.00 min

Lab File: BG043764.D

Acq: 23 Nov 2019 20:16

Tgt Ion:	240	Resp:	690413
Ion	Ratio	Lower	Upper
240	100		
120	9.5	7.5	11.3
236	29.0	22.6	34.0

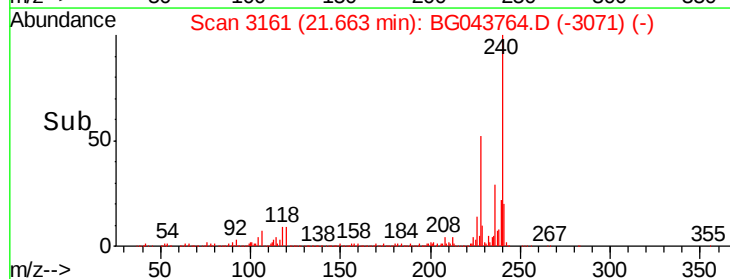
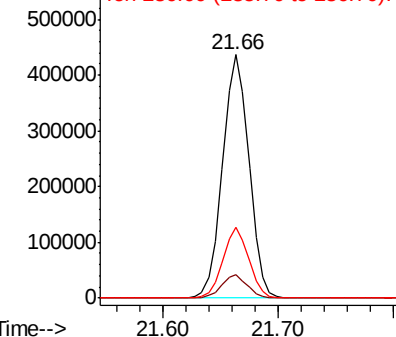


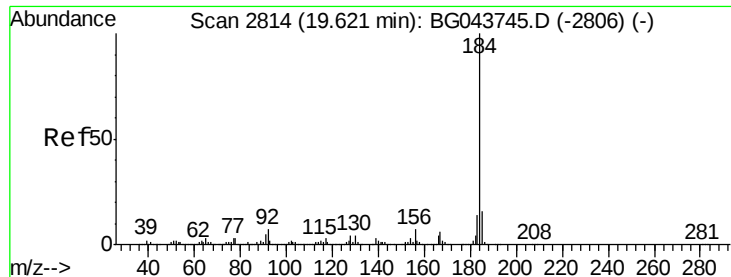
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 3.807 ng

RT: 19.62 min Scan# 2814

Delta R.T. 0.00 min

Lab File: BG043764.D

Acq: 23 Nov 2019 20:16

Instrument :

BNA_G

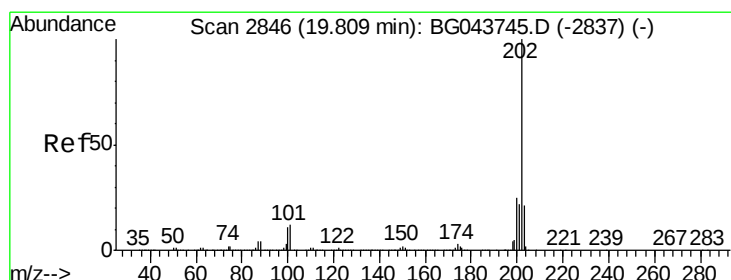
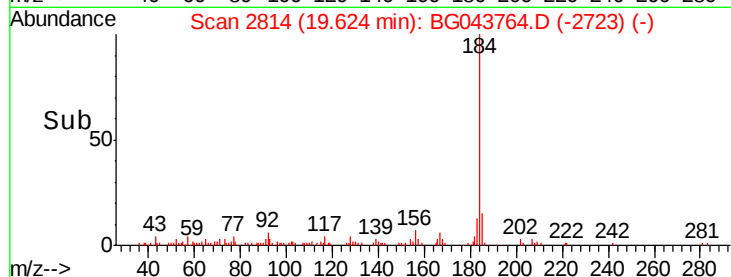
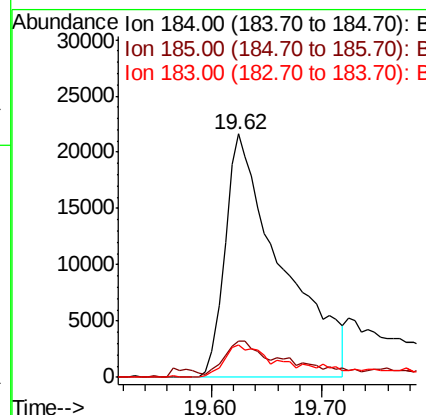
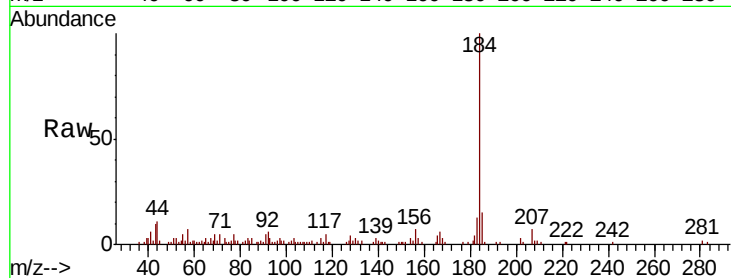
ClientSampleId :

SU-02-112019MS

Tot Ion:	184	Resp:	76771
Ion Ratio	Lower	Upper	
184	100		
185	14.9	12.8	19.2
183	13.1	11.3	16.9

Manual Integrations
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#78

Pyrene

Concen: 41.140 ng

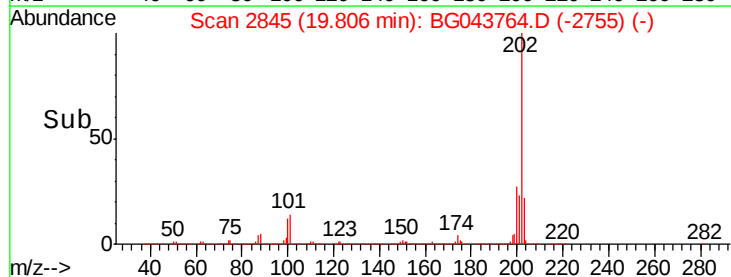
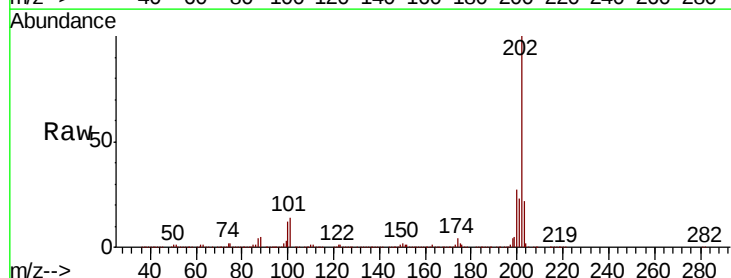
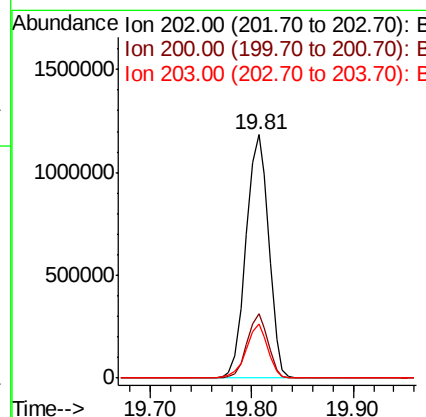
RT: 19.81 min Scan# 2845

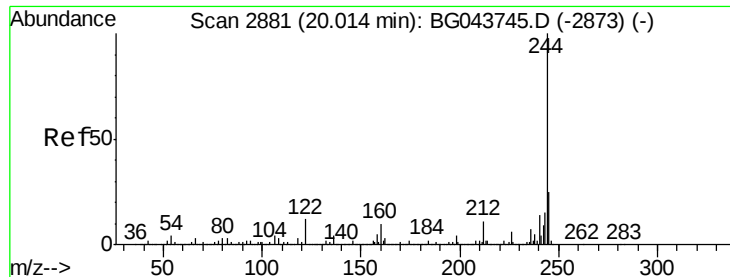
Delta R.T. -0.00 min

Lab File: BG043764.D

Acq: 23 Nov 2019 20:16

Tgt Ion:	202	Resp:	1833110
Ion Ratio	Lower	Upper	
202	100		
200	26.6	19.8	29.6
203	22.1	16.6	24.8





#79

Terphenyl-d14

Concen: 81.229 ng

RT: 20.01 min Scan# 2880

Delta R.T. -0.00 min

Lab File: BG043764.D

Acq: 23 Nov 2019 20:16

Instrument :

BNA_G

ClientSampleId :

SU-02-112019MS

Tot Ion:244 Resp: 2481882

Ion Ratio Lower Upper

244 100

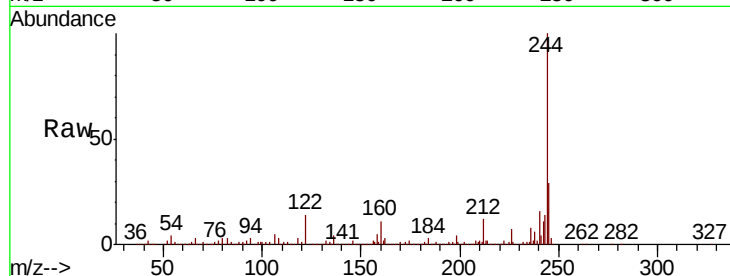
212 12.3 8.5 12.7

122 13.5 9.5 14.3

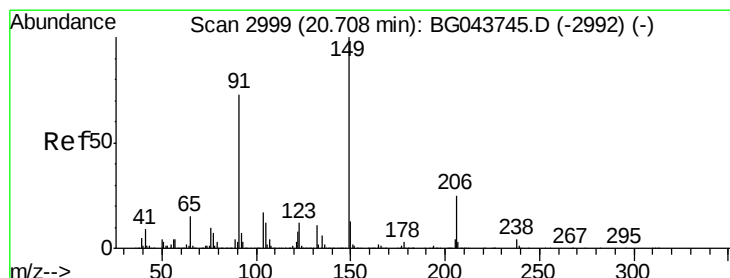
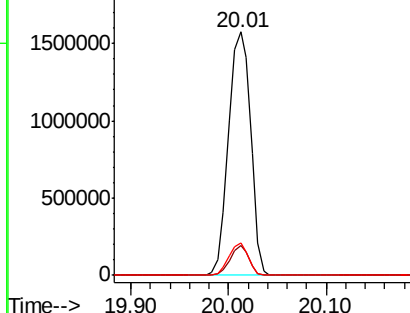
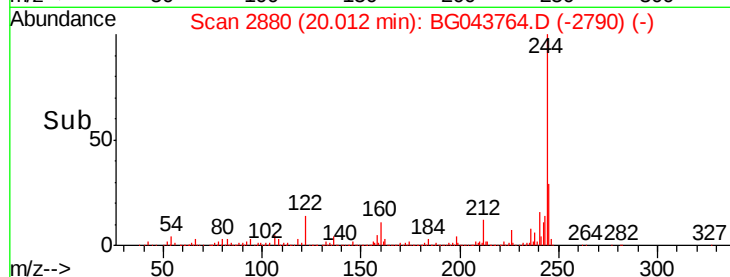
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Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 43.904 ng

RT: 20.71 min Scan# 2998

Delta R.T. -0.00 min

Lab File: BG043764.D

Acq: 23 Nov 2019 20:16

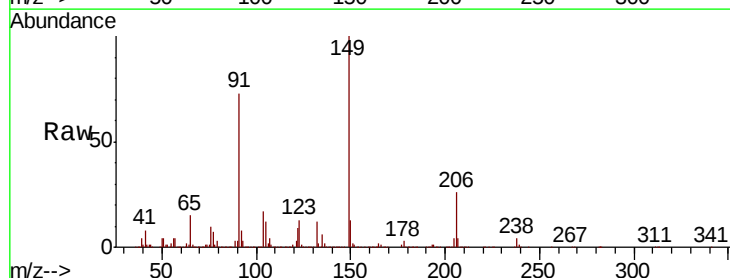
Tgt Ion:149 Resp: 891173

Ion Ratio Lower Upper

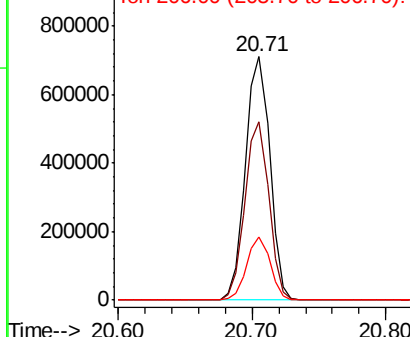
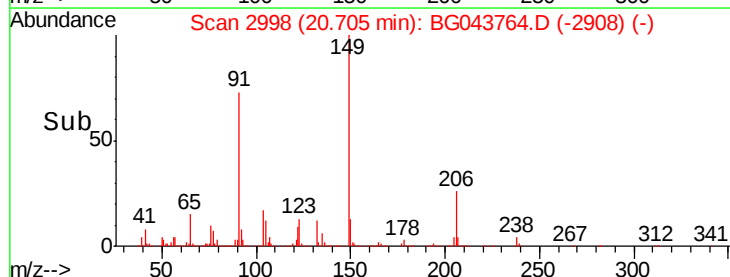
149 100

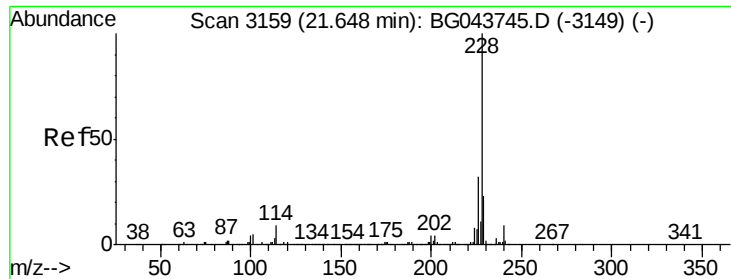
91 73.3 58.8 88.2

206 25.9 19.8 29.6



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BG
Ion 206.00 (205.70 to 206.70): E





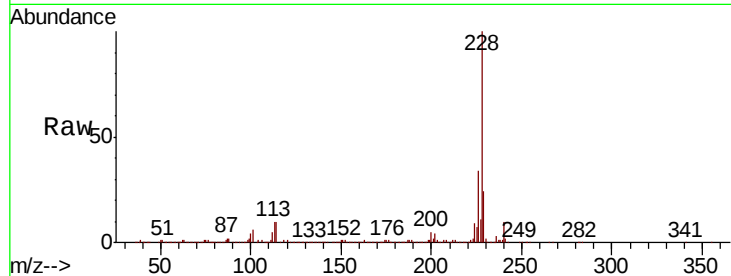
#81
Benzo(a)anthracene
Concen: 43.152 ng
RT: 21.65 min Scan# 3158
Delta R.T. -0.00 min
Lab File: BG043764.D
Acq: 23 Nov 2019 20:16

Instrument :
BNA_G
ClientSampleId :
SU-02-112019MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	34.1	25.4	38.2
229	23.9	18.1	27.1

Manual Integrations
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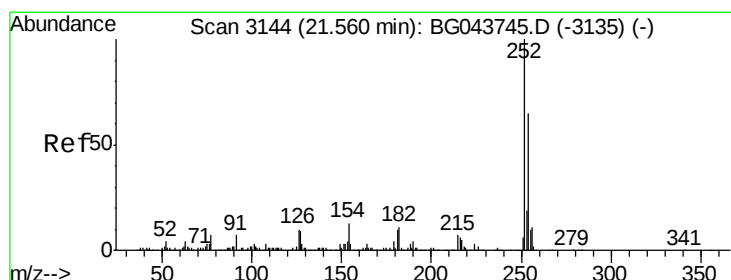
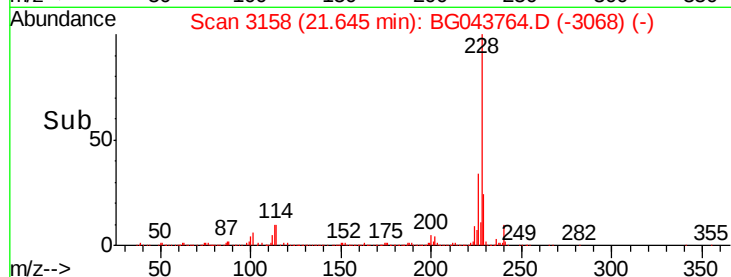
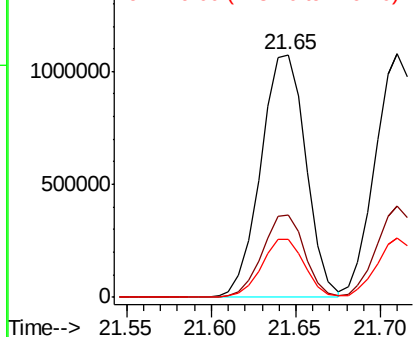


Abundance

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: 8.285 ng
RT: 21.55 min Scan# 3142
Delta R.T. -0.01 min
Lab File: BG043764.D
Acq: 23 Nov 2019 20:16

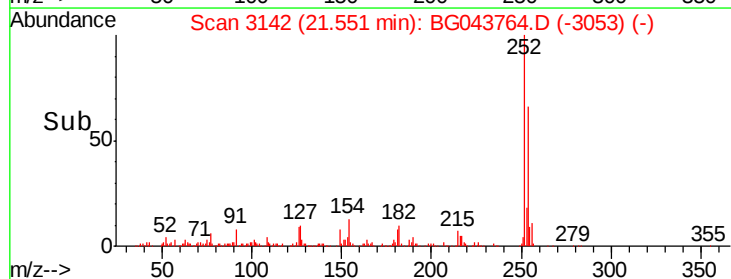
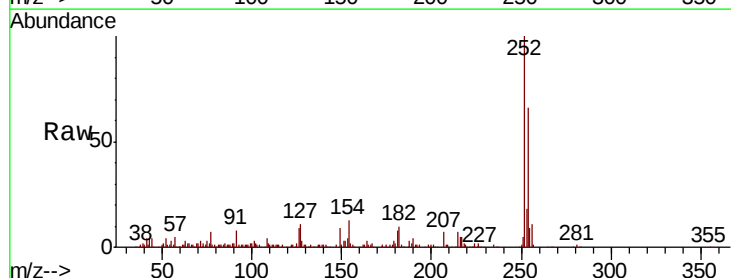
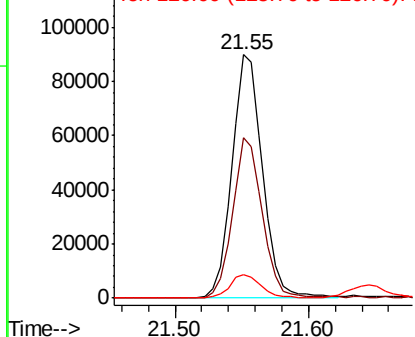
Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.7	52.1	78.1
126	9.4	7.8	11.6

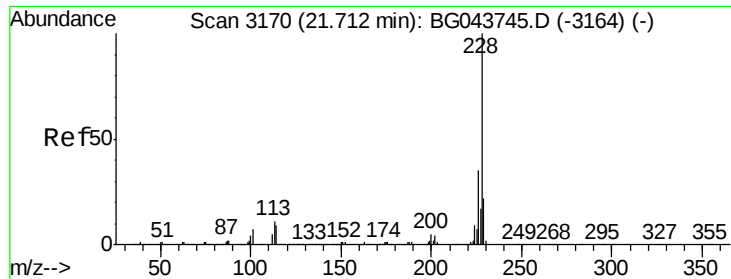
Abundance

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





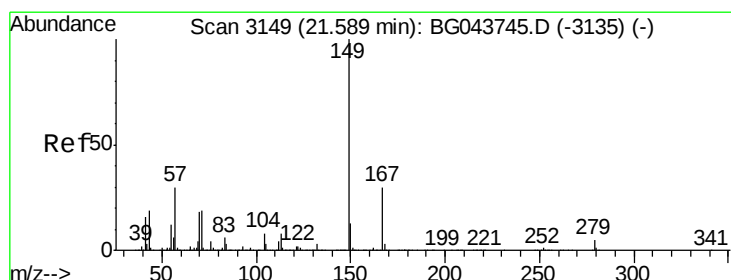
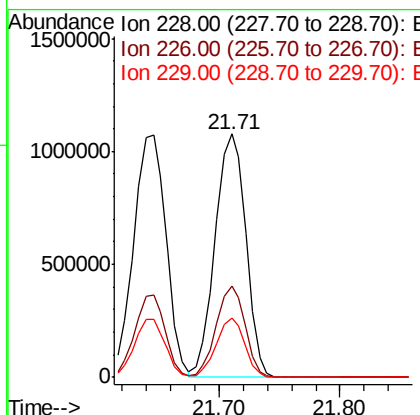
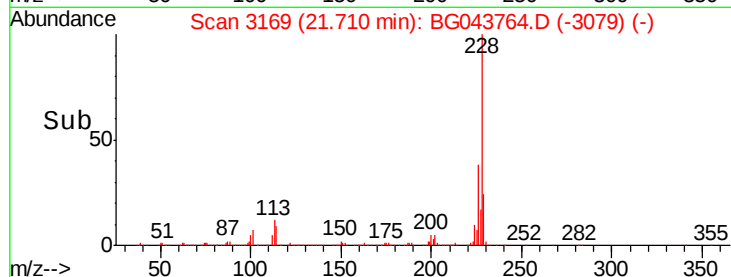
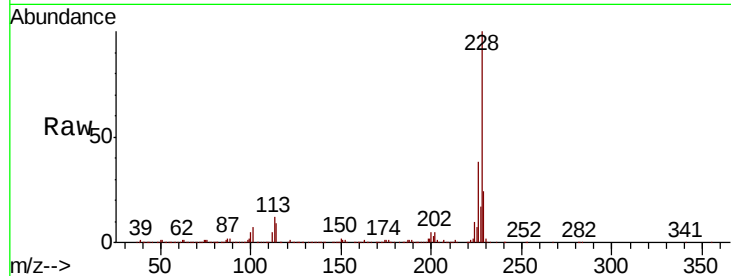
#83
Chrysene
Concen: 43.201 ng
RT: 21.71 min Scan# 3169
Delta R.T. -0.00 min
Lab File: BG043764.D
Acq: 23 Nov 2019 20:16

Instrument :
BNA_G
ClientSampleId :
SU-02-112019MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	37.6	27.8	41.8
229	24.3	17.9	26.9

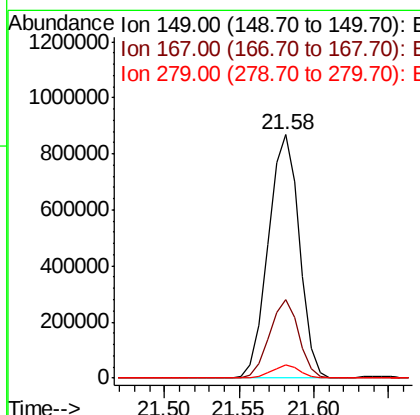
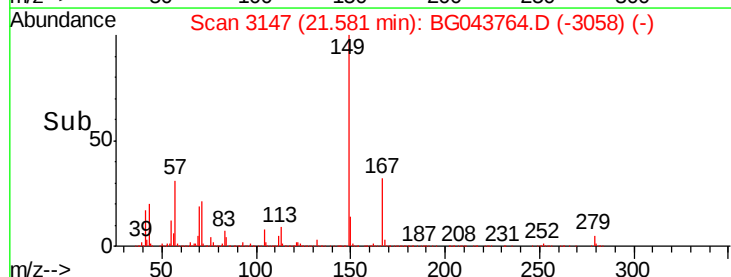
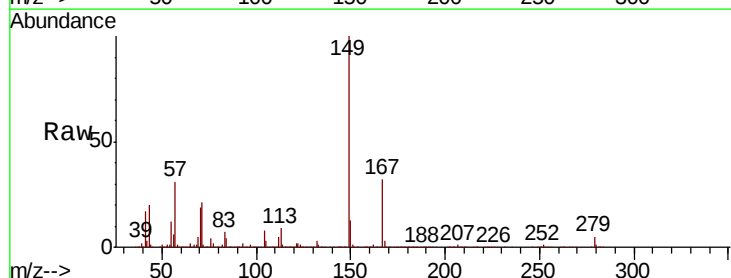
Manual Integrations
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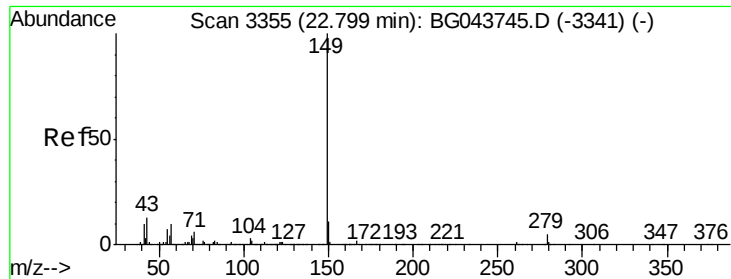
mohammad
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#84
Bis(2-ethylhexyl)phthalate
Concen: 43.807 ng
RT: 21.58 min Scan# 3147
Delta R.T. -0.01 min
Lab File: BG043764.D
Acq: 23 Nov 2019 20:16

Tgt Ion	Ratio	Lower	Upper
149	100		
167	32.3	23.8	35.6
279	5.3	4.0	6.0





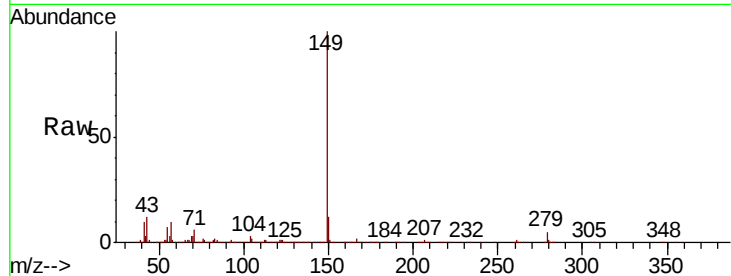
#85
Di-n-octyl phthalate
Concen: 38.236 ng
RT: 22.79 min Scan# 3353
Delta R.T. -0.01 min
Lab File: BG043764.D
Acq: 23 Nov 2019 20:16

Instrument :
BNA_G
ClientSampleId :
SU-02-112019MS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.4	2.0
43	11.5	9.8	14.6

Manual Integrations
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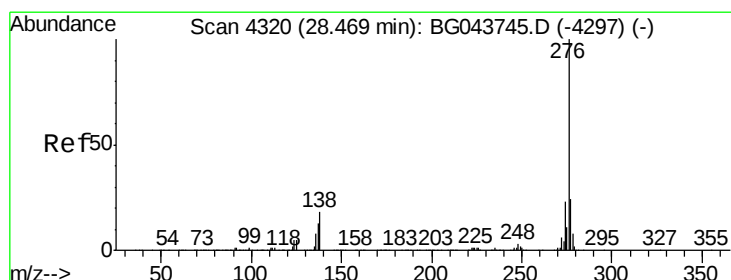
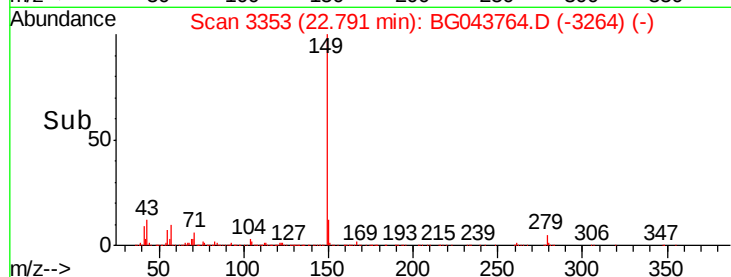
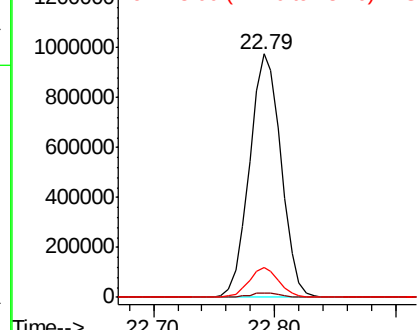


Abundance

Ion 149.00 (148.70 to 149.70): E

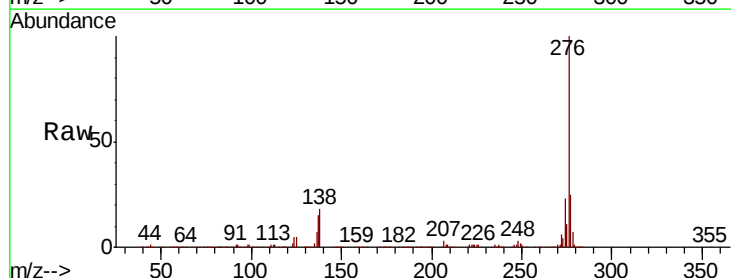
Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86
Indeno(1,2,3-cd)pyrene
Concen: 38.070 ng
RT: 28.46 min Scan# 4318
Delta R.T. -0.01 min
Lab File: BG043764.D
Acq: 23 Nov 2019 20:16

Tgt Ion	Ratio	Lower	Upper
276	100		
138	15.9	14.5	21.7
277	26.6	21.1	31.7

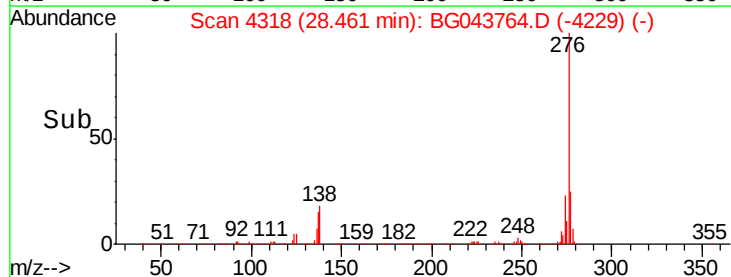
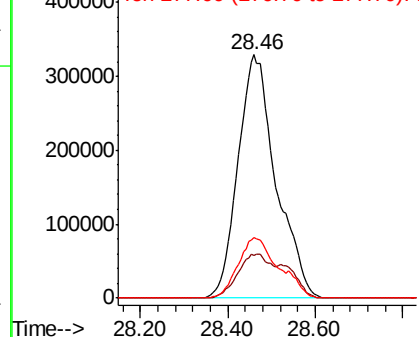


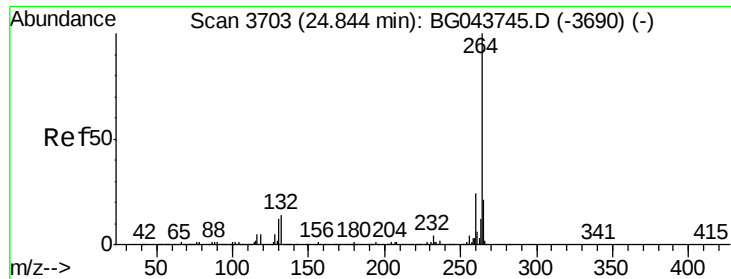
Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





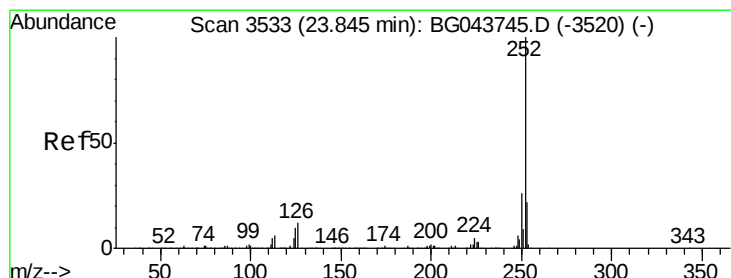
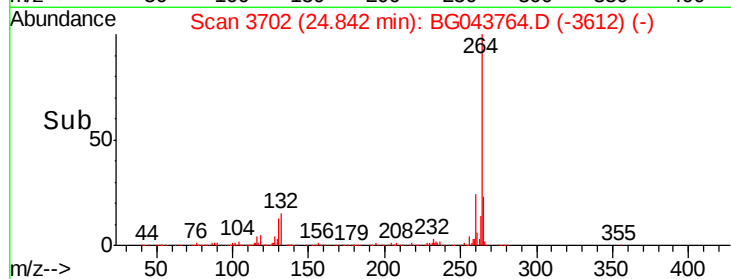
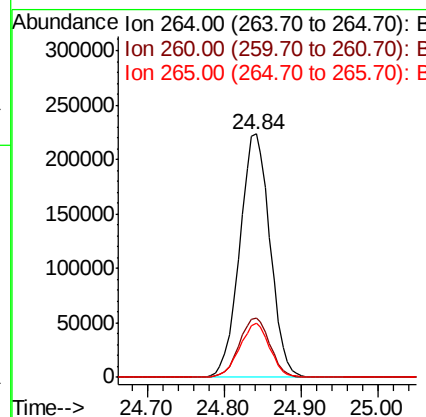
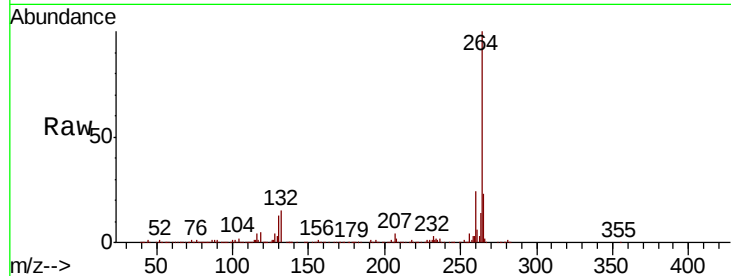
#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.84 min Scan# 3702
Delta R.T. -0.00 min
Lab File: BG043764.D
Acq: 23 Nov 2019 20:16

Instrument :
BNA_G
ClientSampleId :
SU-02-112019MS

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.4	29.2
265	22.5	17.0	25.6

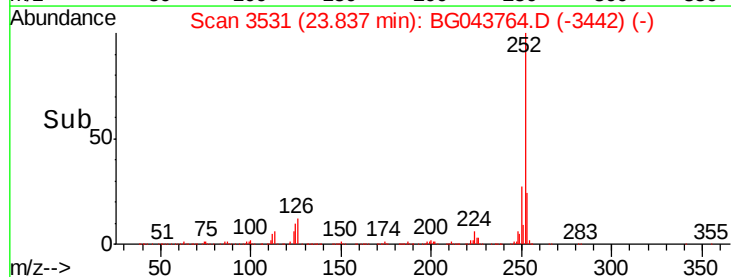
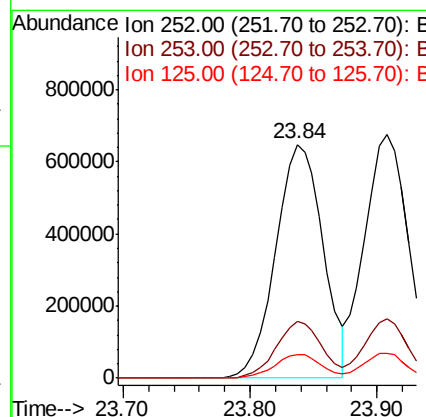
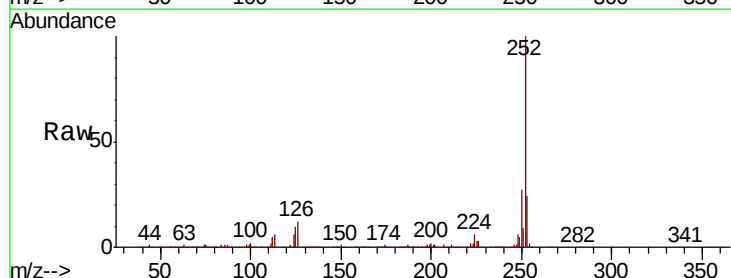
Manual Integrations
APPROVED

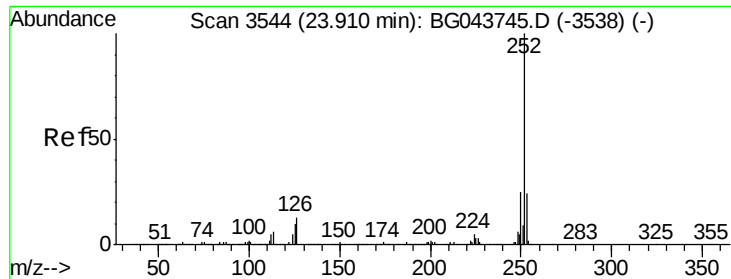
mohammad
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#88
Benzo(b)fluoranthene
Concen: 45.819 ng
RT: 23.84 min Scan# 3531
Delta R.T. -0.01 min
Lab File: BG043764.D
Acq: 23 Nov 2019 20:16

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.2	17.7	26.5
125	10.0	8.0	12.0





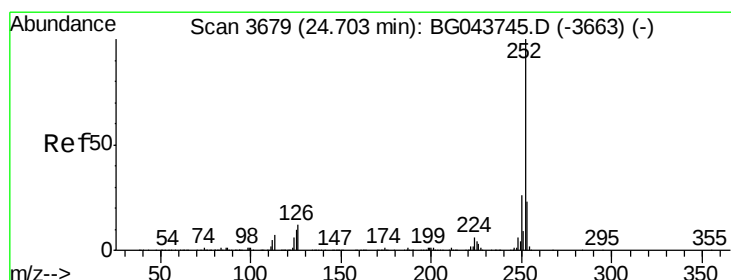
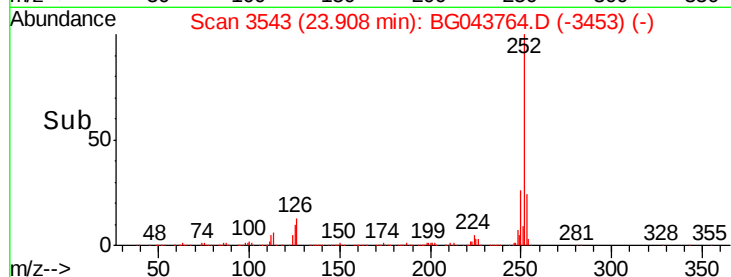
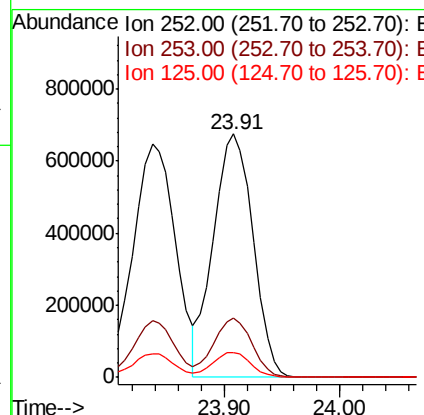
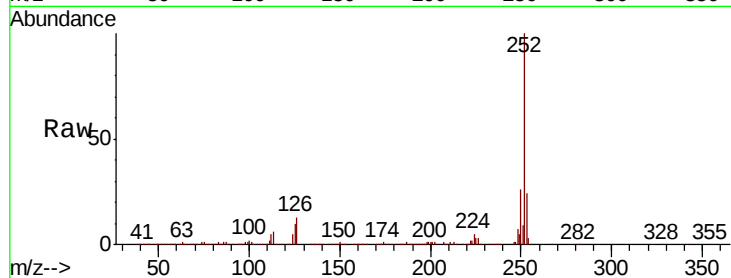
#89
Benzo(k)fluoranthene
Concen: 45.697 ng
RT: 23.91 min Scan# 3543
Delta R.T. -0.00 min
Lab File: BG043764.D
Acq: 23 Nov 2019 20:16

Instrument :
BNA_G
ClientSampleId :
SU-02-112019MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.2	18.8	28.2
125	10.0	7.7	11.5

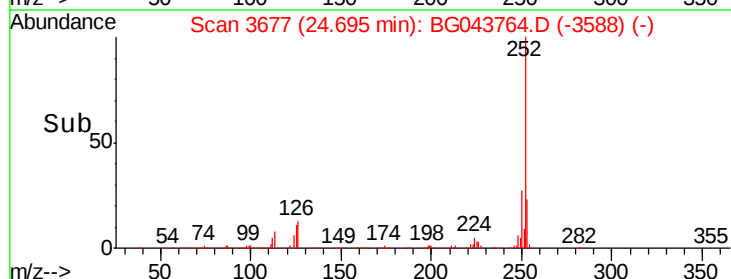
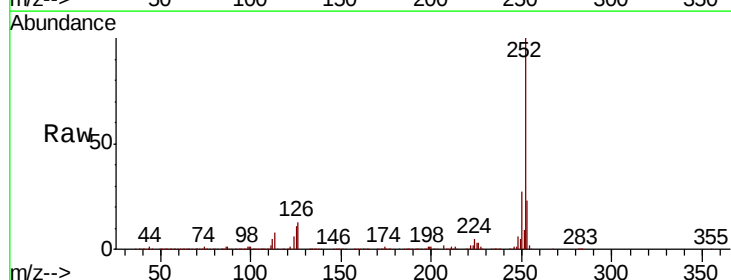
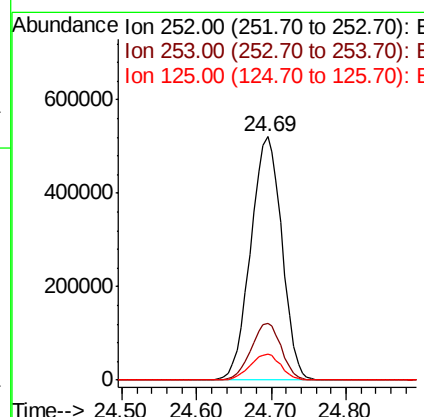
Manual Integrations
APPROVED

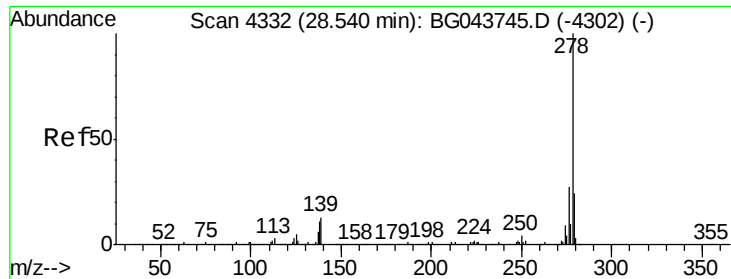
mohammad
11/25/2019 2:33:45 PM



#90
Benzo(a)pyrene
Concen: 43.681 ng
RT: 24.69 min Scan# 3677
Delta R.T. -0.01 min
Lab File: BG043764.D
Acq: 23 Nov 2019 20:16

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.2	27.4
125	10.7	8.3	12.5





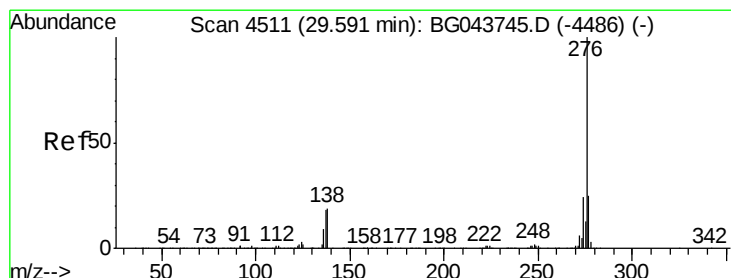
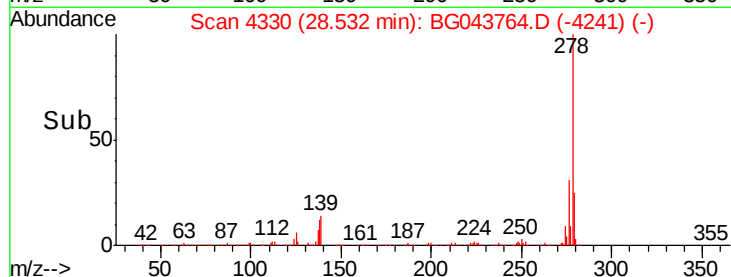
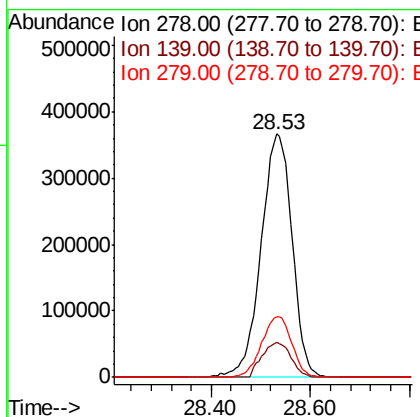
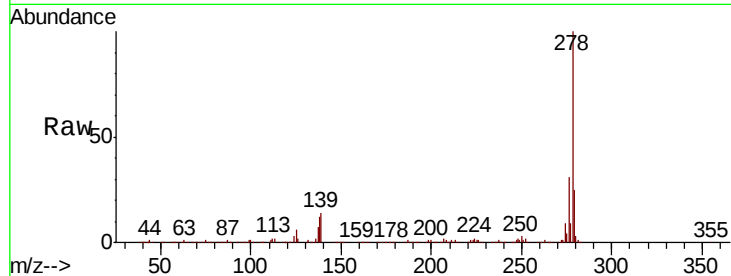
#91
Dibenzo(a,h)anthracene
Concen: 47.381 ng
RT: 28.53 min Scan# 4330
Delta R.T. -0.01 min
Lab File: BG043764.D
Acq: 23 Nov 2019 20:16

Instrument :
BNA_G
ClientSampleId :
SU-02-112019MS

Tot Ion	Ratio	Lower	Upper
278	100		
139	14.3	10.4	15.6
279	24.8	19.3	28.9

Manual Integrations
APPROVED

mohammad
11/25/2019 2:33:45 PM



#92
Benzo(g,h,i)perylene
Concen: 48.875 ng
RT: 29.59 min Scan# 4510
Delta R.T. -0.00 min
Lab File: BG043764.D
Acq: 23 Nov 2019 20:16

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.7	19.7	29.5
138	19.9	14.9	22.3

