

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG093019\
 Data File : BG042943.D
 Acq On : 30 Sep 2019 15:06
 Operator : JU
 Sample : K5083-01MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 20190708-RR-COMPOSITE-8MS

Manual Integrations
 APPROVED

mohammad
 10/2/2019 8:33:13 AM

Quant Time: Oct 01 07:30:51 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 25 15:35:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	66516	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	239448	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	177114	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	425366	20.00	ng	0.00
76) Chrysene-d12	21.70	240	481304	20.00	ng	-0.01
87) Perylene-d12	24.93	264	552170	20.00	ng	-0.03

System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	367394	98.57	ng	0.00
7) Phenol-d6	7.25	99	535249	99.72	ng	0.00
23) Nitrobenzene-d5	9.23	82	340152	69.05	ng	0.00
42) 2,4,6-Tribromophenol	16.18	330	300595	98.70	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	791123	64.75	ng	0.00
79) Terphenyl-d14	20.04	244	1477274	65.40	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.55	88	47133	30.331	ng	100
3) Pyridine	3.95	79	114303	26.152	ng	96
4) n-Nitrosodimethylamine	3.86	42	75421	35.884	ng	99
6) Aniline	7.40	93	118046	18.220	ng	97
8) 2-Chlorophenol	7.64	128	142921	36.769	ng	98
9) Benzaldehyde	7.21	77	96978	29.568	ng	92
10) Phenol	7.27	94	195421	39.684	ng	98
11) bis(2-Chloroethyl)ether	7.49	93	124637	32.712	ng	99
12) 1,3-Dichlorobenzene	7.96	146	158167	31.898	ng	97
13) 1,4-Dichlorobenzene	8.11	146	159884	32.345	ng	97
14) 1,2-Dichlorobenzene	8.43	146	151349	32.161	ng	94
15) Benzyl Alcohol	8.31	79	135896	33.676	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.60	45	232512	31.776	ng	98
17) 2-Methylphenol	8.52	107	120385	34.938	ng	98
18) Hexachloroethane	9.16	117	60185	32.329	ng	97
19) n-Nitroso-di-n-propylamine	8.88	70	113396	32.175	ng	# 97
20) 3+4-Methylphenols	8.85	107	163117	34.545	ng	93
22) Acetophenone	8.89	105	210125	34.044	ng	# 96
24) Nitrobenzene	9.27	77	175704	37.392	ng	98
25) Isophorone	9.80	82	310836	35.921	ng	99
26) 2-Nitrophenol	9.99	139	80066	40.026	ng	99
27) 2,4-Dimethylphenol	10.04	122	134575	43.807	ng	97
28) bis(2-Chloroethoxy)methane	10.28	93	171529	34.937	ng	99
29) 2,4-Dichlorophenol	10.53	162	152790	39.991	ng	99
30) 1,2,4-Trichlorobenzene	10.74	180	175268	35.523	ng	96
31) Naphthalene	10.93	128	433219	36.754	ng	99
32) Benzoic acid	10.17	122	75286	33.813	ng	95
33) 4-Chloroaniline	11.03	127	59370	11.608	ng	98
34) Hexachlorobutadiene	11.21	225	127310	34.461	ng	97
35) Caprolactam	11.81	113	48049m	35.662	ng	
36) 4-Chloro-3-methylphenol	12.15	107	164278	39.546	ng	97
37) 2-Methylnaphthalene	12.52	142	333484	37.086	ng	97
38) 1-Methylnaphthalene	12.74	142	313583	36.855	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	222020	33.340	ng	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.88	237	347321	81.857	nq	98
43) 2,4,6-Trichlorophenol	13.13	196	143338	36.775	nq	91
44) 2,4,5-Trichlorophenol	13.20	196	158815	39.553	nq	96
46) 1,1'-Biphenyl	13.53	154	457344	34.050	nq	96
47) 2-Chloronaphthalene	13.57	162	354071	35.161	nq	99
48) 2-Nitroaniline	13.77	65	116090	34.666	nq	98
49) Acenaphthylene	14.42	152	577708	37.492	nq	100
50) Dimethylphthalate	14.15	163	564157	42.512	nq	99
51) 2,6-Dinitrotoluene	14.26	165	105207	37.228	nq	97
52) Acenaphthene	14.76	154	352733	34.200	nq	99
53) 3-Nitroaniline	14.59	138	44779	15.332	nq	89
54) 2,4-Dinitrophenol	14.79	184	134998	76.851	nq	95
55) Dibenzofuran	15.09	168	567488	37.195	nq	98
56) 4-Nitrophenol	14.91	139	179382	80.611	nq	100
57) 2,4-Dinitrotoluene	15.04	165	152165	36.768	nq	98
58) Fluorene	15.74	166	479773	36.832	nq	97
59) 2,3,4,6-Tetrachlorophenol	15.31	232	157711	36.889	nq	99
60) Diethylphthalate	15.51	149	473184	35.037	nq	99
61) 4-Chlorophenyl-phenylether	15.73	204	274321	35.115	nq	98
62) 4-Nitroaniline	15.76	138	110160	34.584	nq	97
63) Azobenzene	16.02	77	447996	36.435	nq	99
65) 4,6-Dinitro-2-methylphenol	15.81	198	95528	39.688	nq	98
66) n-Nitrosodiphenylamine	15.94	169	421337	37.522	nq	98
67) 4-Bromophenyl-phenylether	16.62	248	193763	36.294	nq	96
68) Hexachlorobenzene	16.74	284	210190	35.360	nq	97
69) Atrazine	16.89	200	164627	34.816	nq	97
70) Pentachlorophenol	17.08	266	273732	79.805	nq	98
71) Phenanthrene	17.48	178	771577	37.155	nq	97
72) Anthracene	17.57	178	796853	38.437	nq	100
73) Carbazole	17.84	167	732753	38.115	nq	99
74) Di-n-butylphthalate	18.39	149	835416	36.422	nq	99
75) Fluoranthene	19.48	202	1050810	38.257	nq	100
77) Benzidine	19.66	184	518394	43.015	nq	98
78) Pyrene	19.84	202	1067758	37.169	nq	99
80) Butylbenzylphthalate	20.73	149	388505	35.629	nq	95
81) Benzo(a)anthracene	21.68	228	1111872	37.075	nq	99
82) 3,3'-Dichlorobenzidine	21.60	252	173652	14.763	nq	96
83) Chrysene	21.75	228	1056862	36.315	nq	100
84) Bis(2-ethylhexyl)phthalate	21.60	149	561009	36.157	nq	97
85) Di-n-octyl phthalate	22.81	149	956231	37.689	nq	100
86) Indeno(1,2,3-cd)pyrene	28.61	276	1349302	37.242	nq	99
88) Benzo(b)fluoranthene	23.90	252	1167580	37.371	nq	97
89) Benzo(k)fluoranthene	23.98	252	1138899	36.848	nq	99
90) Benzo(a)pyrene	24.77	252	1135532	38.523	nq	99
91) Dibenzo(a,h)anthracene	28.67	278	1144264	37.857	nq	99
92) Benzo(g,h,i)perylene	29.75	276	1118903	38.205	nq	98

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

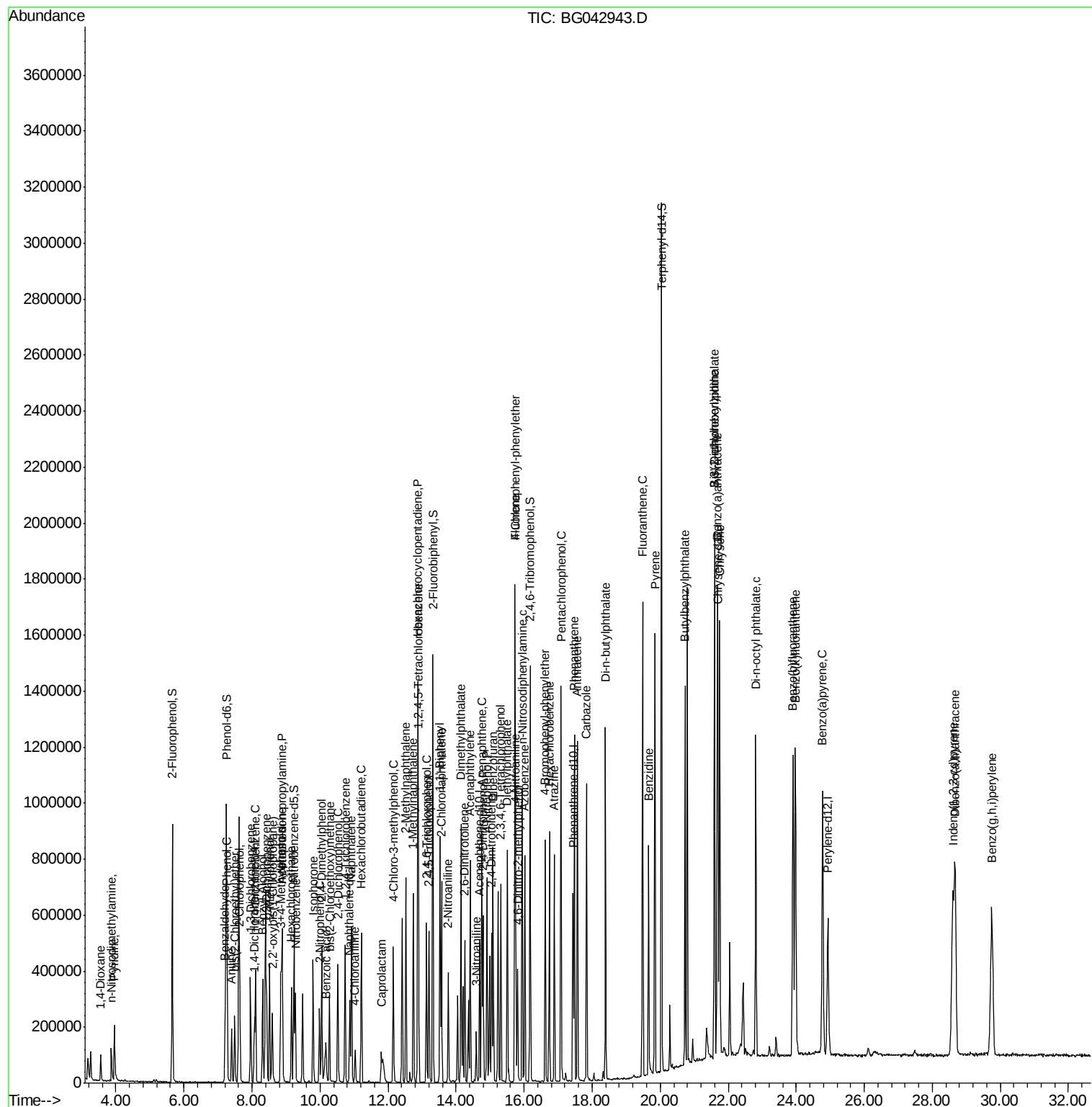
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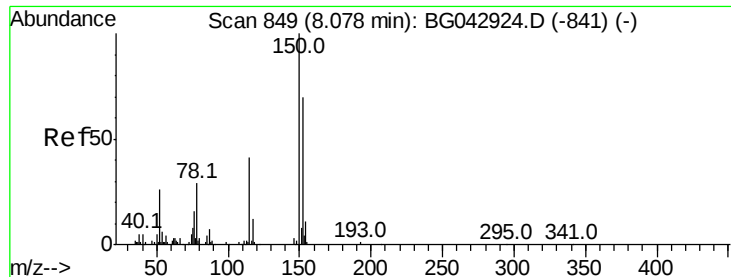
Instrument :
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#1

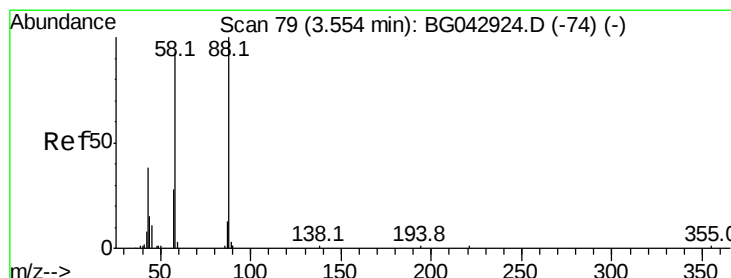
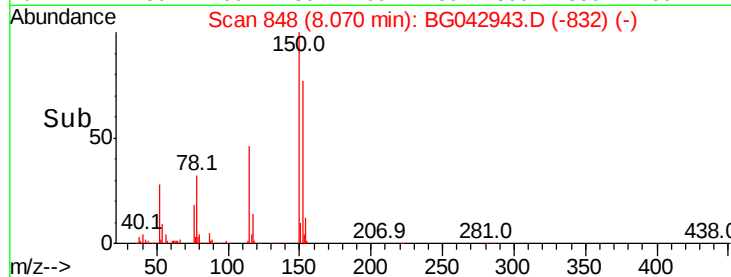
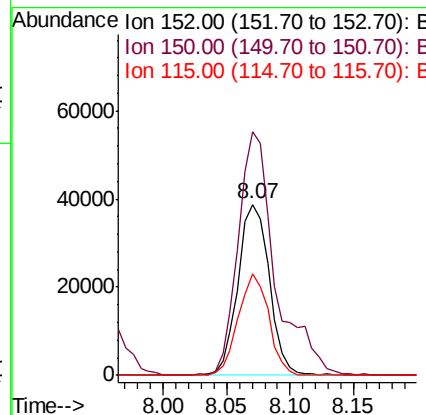
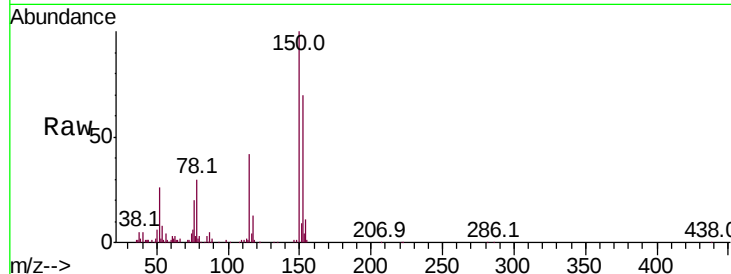
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 848
Delta R.T. -0.01 min
Lab File: BG042943.D
Acq: 30 Sep 2019 15:06

Instrument :
BNA_G
ClientSampleId :
20190708-RR-COMPOSITE-8MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	142.2	115.0	172.4
115	59.2	47.0	70.6

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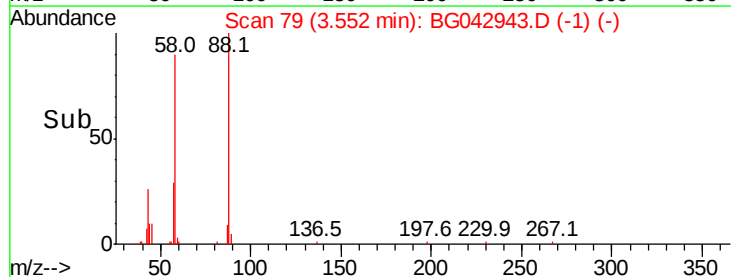
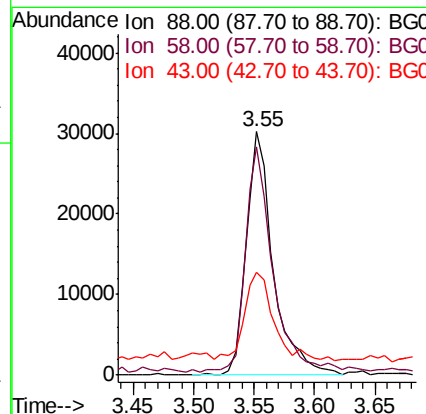
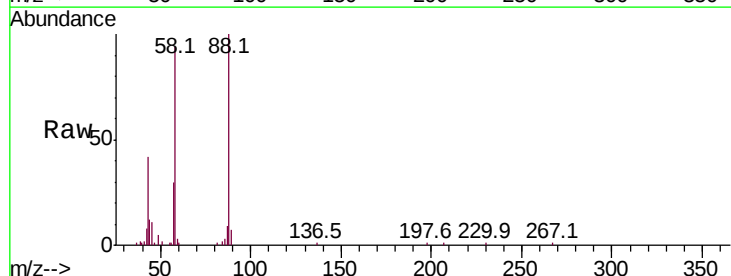
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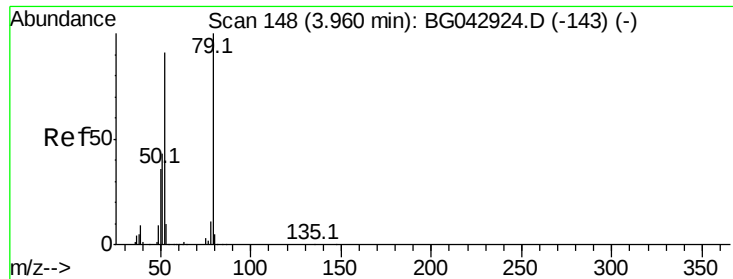


#2

1,4-Dioxane
Concen: 30.331 ng
RT: 3.55 min Scan# 79
Delta R.T. -0.00 min
Lab File: BG042943.D
Acq: 30 Sep 2019 15:06

Tgt Ion	Ratio	Lower	Upper
88	100		
58	92.9	74.3	111.5
43	38.2	29.8	44.8





#3

Pvridine

Concen: 26.152 ng

RT: 3.95 min Scan# 147

Delta R.T. -0.01 min

Lab File: BG042943.D

Acq: 30 Sep 2019 15:06

Instrument :

BNA_G

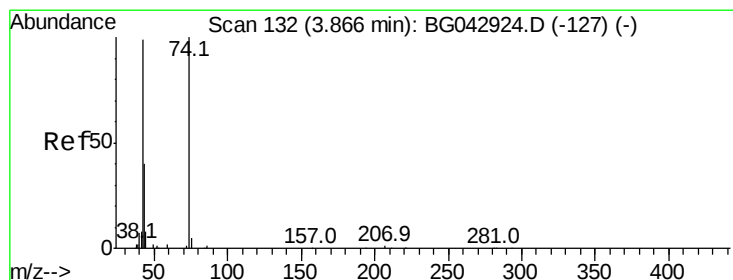
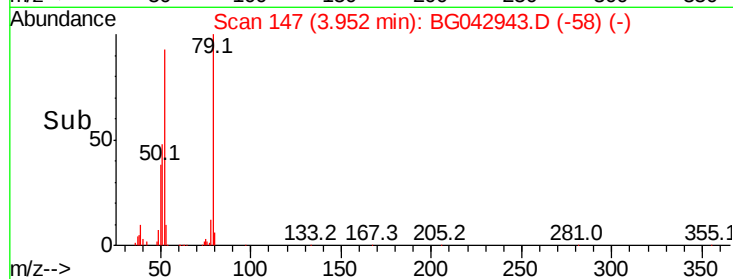
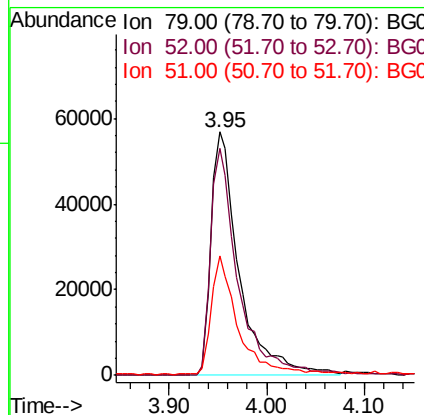
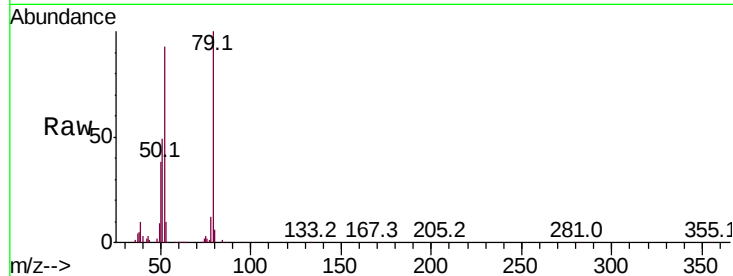
ClientSampleId :

20190708-RR-COMPOSITE-8MS

Tot Ion:	79	Resp:	114303
Ion Ratio	Lower	Upper	
79	100		
52	93.1	73.0	109.4
51	49.1	35.1	52.7

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#4

n-Nitrosodimethylamine

Concen: 35.884 ng

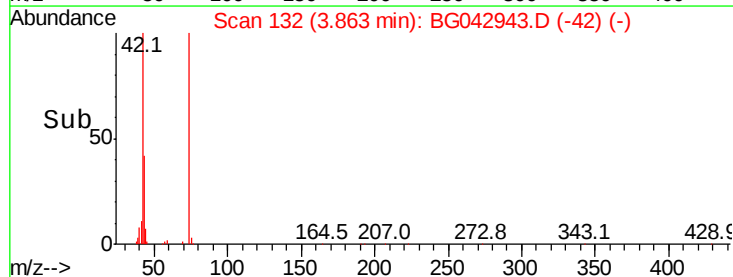
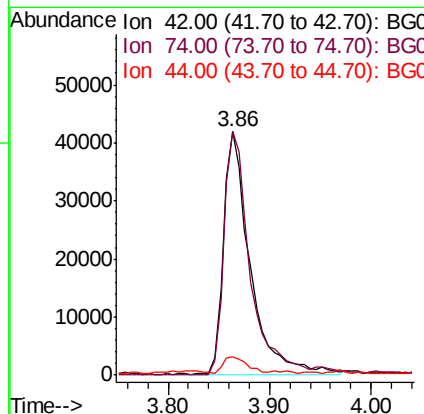
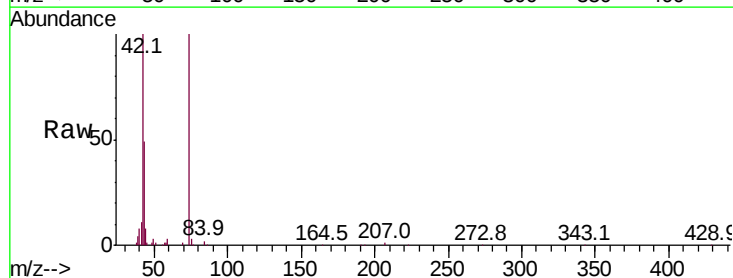
RT: 3.86 min Scan# 132

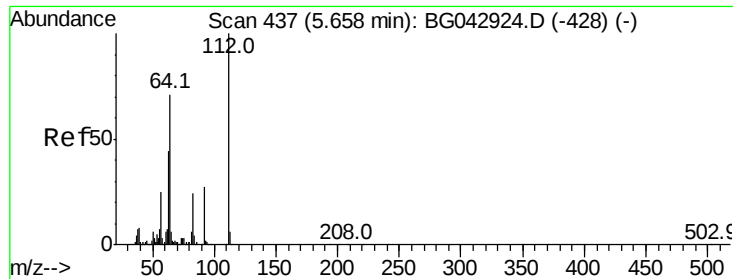
Delta R.T. -0.00 min

Lab File: BG042943.D

Acq: 30 Sep 2019 15:06

Tgt Ion:	42	Resp:	75421
Ion Ratio	Lower	Upper	
42	100		
74	100.1	80.5	120.7
44	7.7	6.9	10.3





#5

2-Fluorophenol

Concen: 98.572 ng

RT: 5.66 min Scan# 437

Delta R.T. -0.00 min

Lab File: BG042943.D

Acq: 30 Sep 2019 15:06

Instrument :

BNA_G

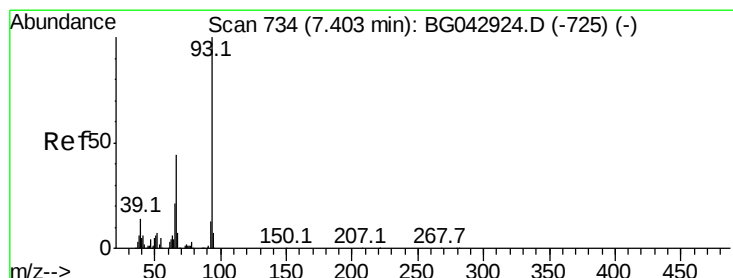
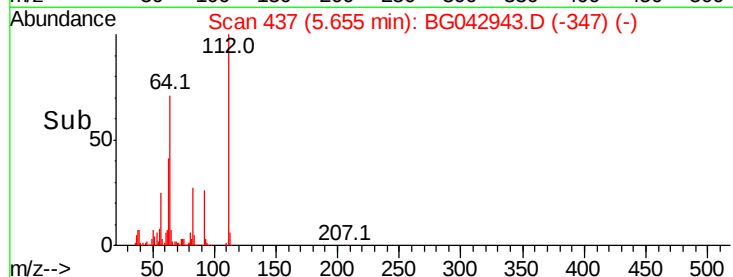
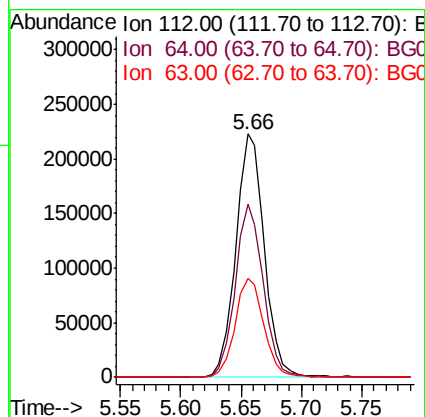
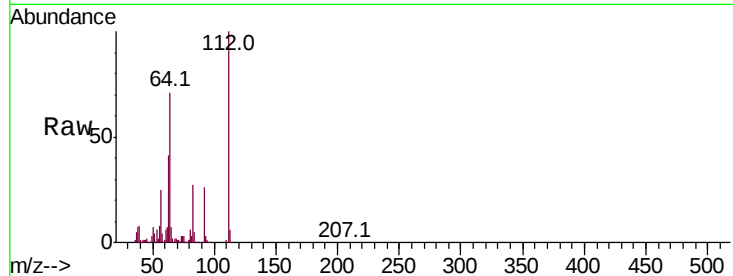
ClientSampleId :

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Tot Ion:	112	Resp:	367394
Ion Ratio	Lower	Upper	
112	100		
64	71.0	56.6	84.8
63	40.9	35.1	52.7

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#6

Aniline

Concen: 18.220 ng

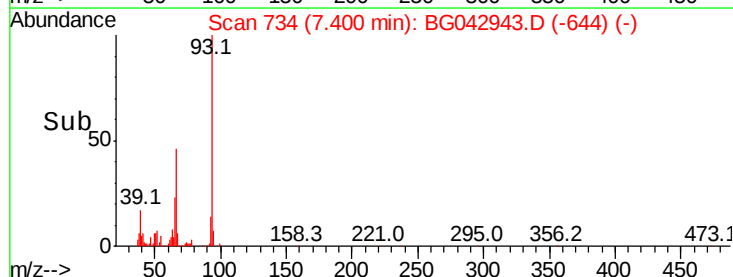
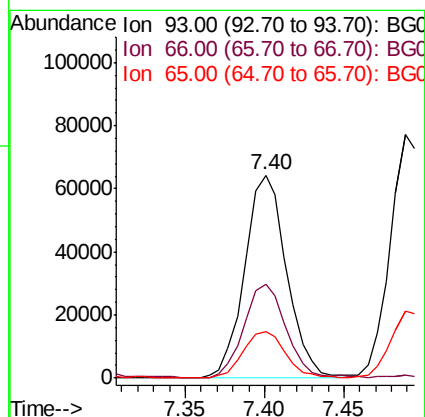
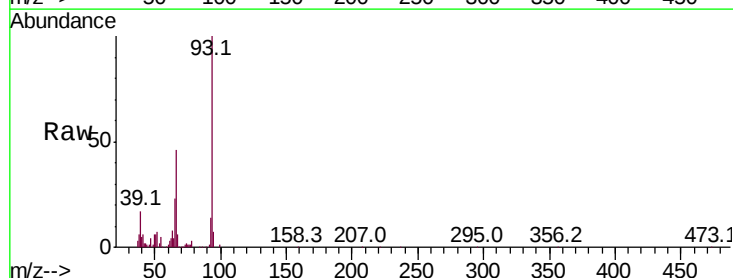
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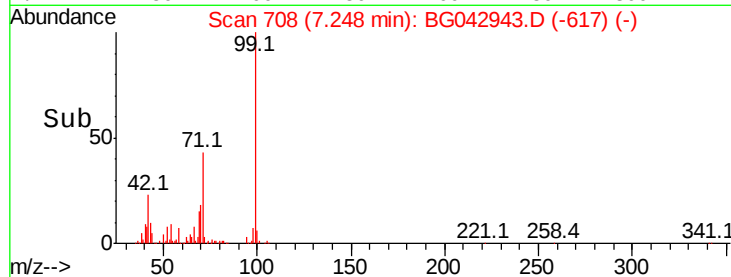
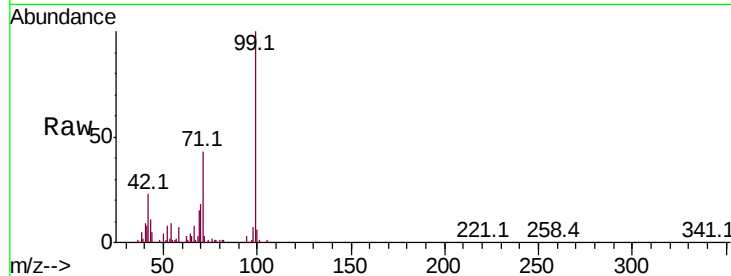
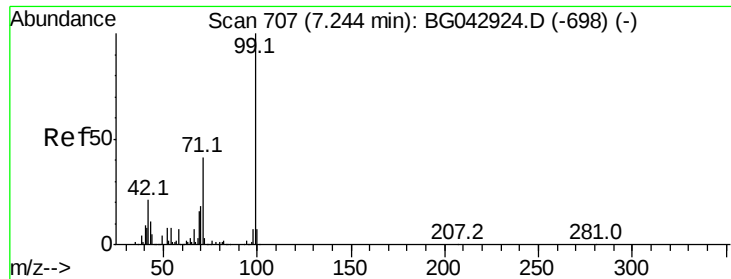
Delta R.T. -0.00 min

Lab File: BG042943.D

Acq: 30 Sep 2019 15:06

Tgt Ion:	93	Resp:	118046
Ion Ratio	Lower	Upper	
93	100		
66	46.3	35.0	52.6
65	22.8	17.4	26.0





#7

Phenol-d6

Concen: 99.723 ng

RT: 7.25 min Scan# 708

Delta R.T. 0.00 min

Lab File: BG042943.D

Acq: 30 Sep 2019 15:06

Tot Ion	99	Ratio	100	Resp	535249
Ion	99	100		Lower	Upper
	42	23.0		17.2	25.8
	71	42.7		33.1	49.7

Instrument :

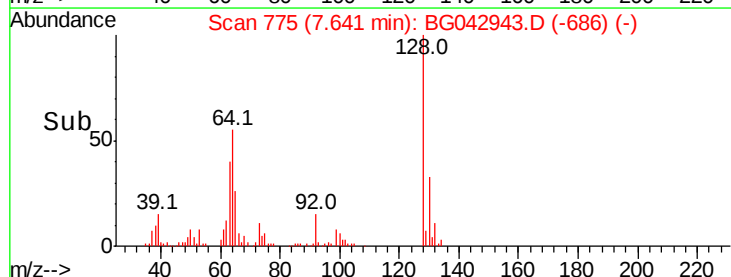
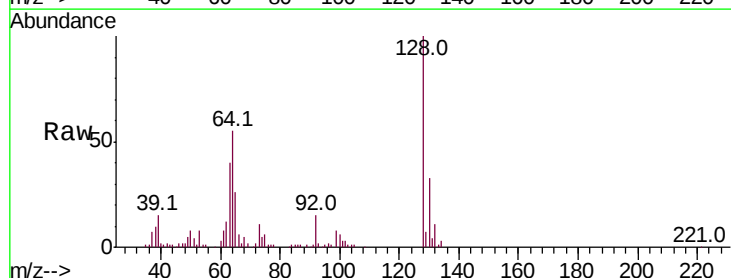
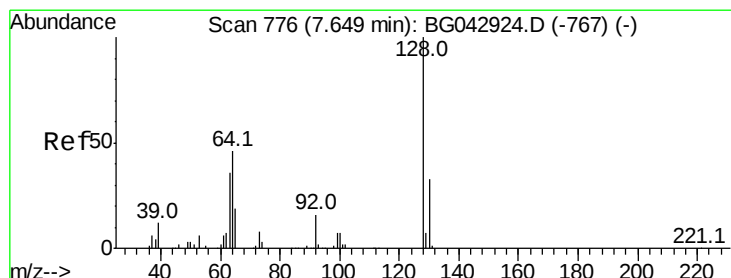
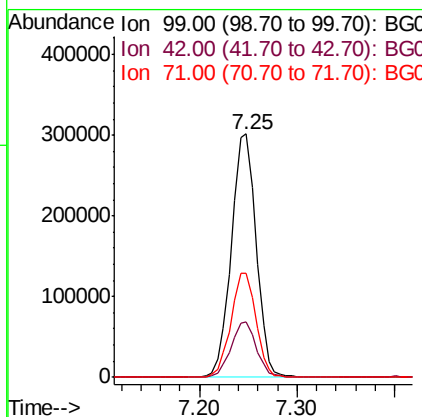
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#8

2-Chlorophenol

Concen: 36.769 ng

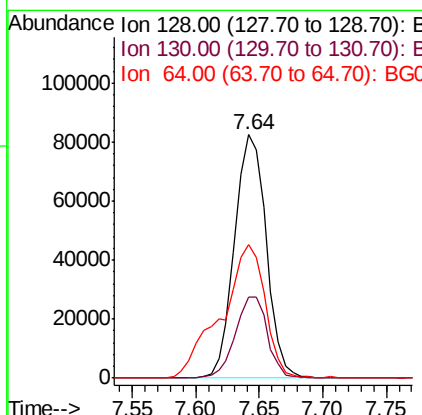
RT: 7.64 min Scan# 775

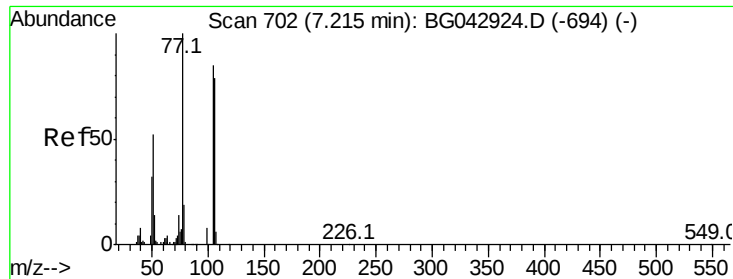
Delta R.T. -0.01 min

Lab File: BG042943.D

Acq: 30 Sep 2019 15:06

Tgt Ion	128	Ratio	100	Resp	142921
Ion	128	100		Lower	Upper
	130	33.1		12.5	52.5
	64	55.0		32.8	72.8





#9

Benzaldehyde

Concen: 29.568 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.01 min

Lab File: BG042943.D

Acq: 30 Sep 2019 15:06

Instrument :

BNA_G

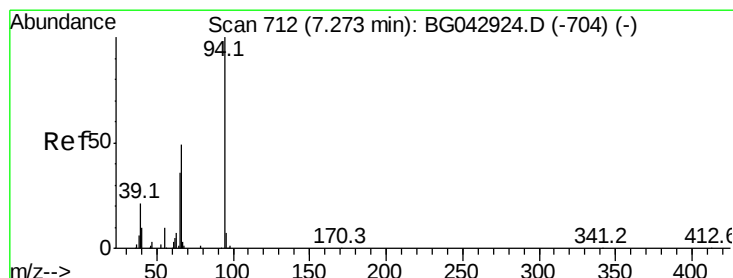
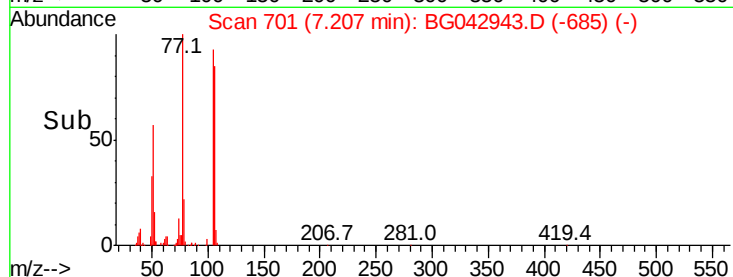
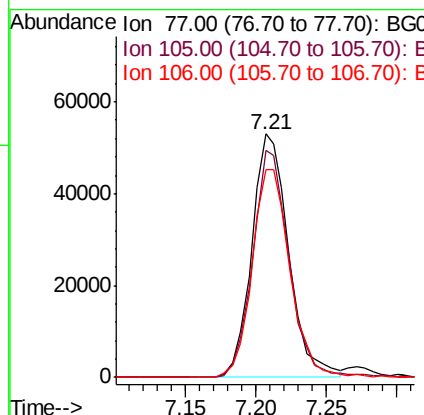
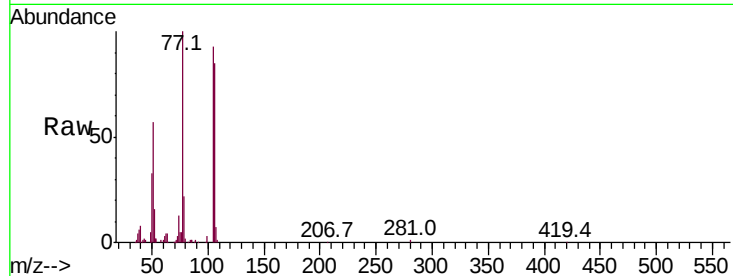
ClientSampleId :

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Tot Ion	Ratio	Lower	Upper
77	100		
105	93.0	64.6	104.6
106	85.4	59.4	99.4

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#10

Phenol

Concen: 39.684 ng

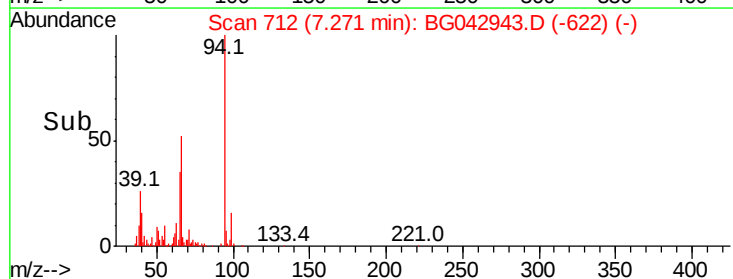
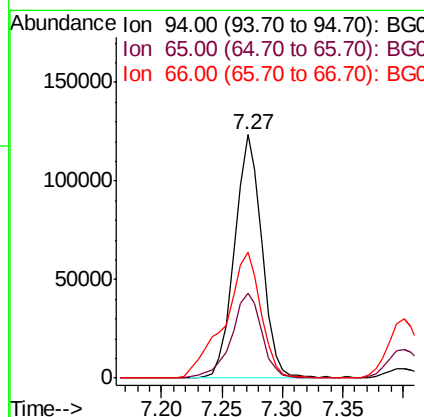
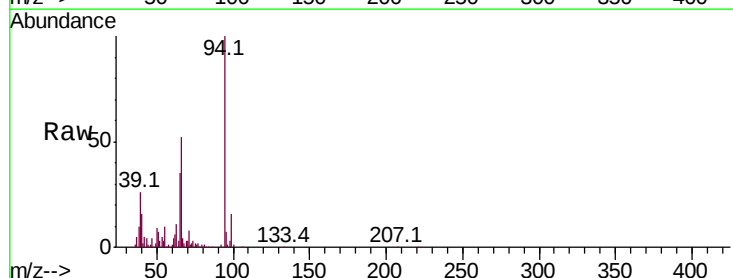
RT: 7.27 min Scan# 712

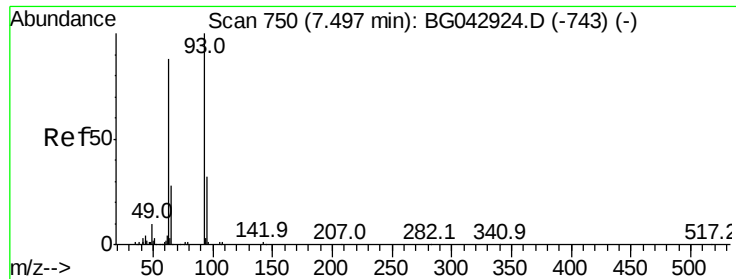
Delta R.T. -0.00 min

Lab File: BG042943.D

Acq: 30 Sep 2019 15:06

Tgt Ion	Ratio	Lower	Upper
94	100		
65	34.8	16.6	56.6
66	51.7	32.4	72.4





#11

bis(2-Chloroethyl)ether

Concen: 32.712 ng

RT: 7.49 min Scan# 749

Delta R.T. -0.01 min

Lab File: BG042943.D

Acq: 30 Sep 2019 15:06

Instrument :

BNA_G

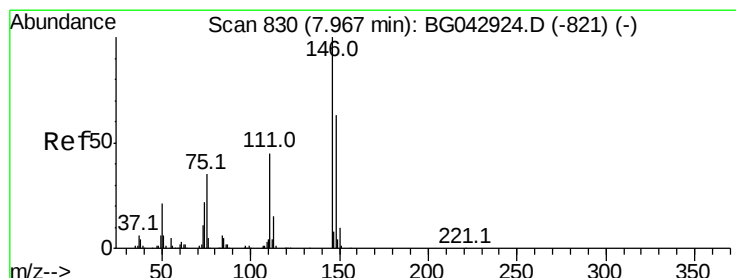
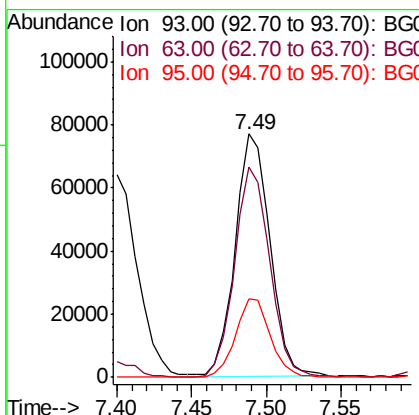
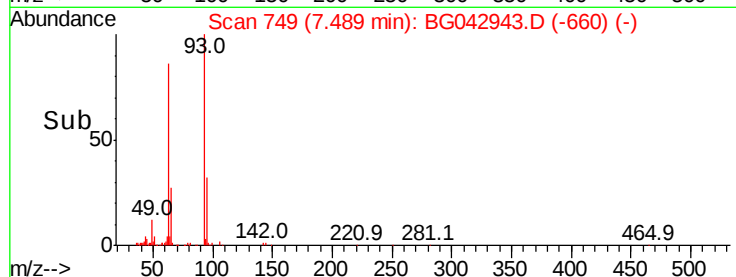
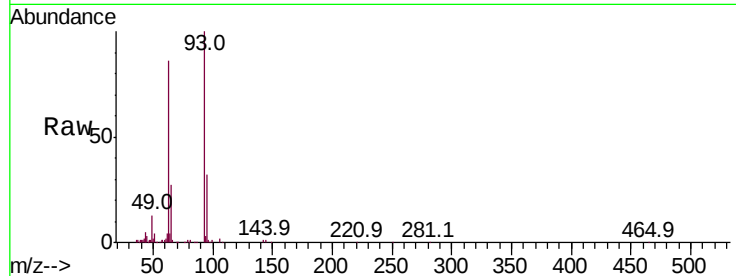
ClientSampleId :

20190708-RR-COMPOSITE-8MS

Tot Ion:	93	Resp:	124637
Ion Ratio	Lower	Upper	
93	100		
63	86.5	67.4	107.4
95	32.1	11.9	51.9

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#12

1,3-Dichlorobenzene

Concen: 31.898 ng

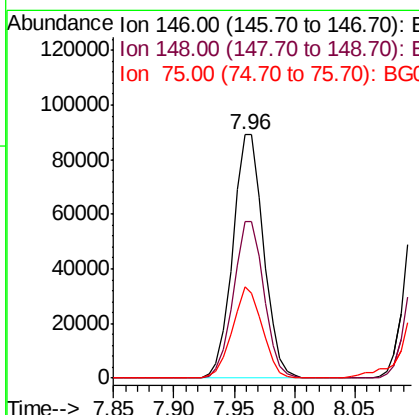
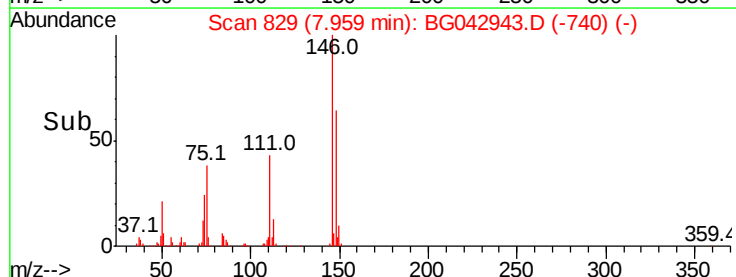
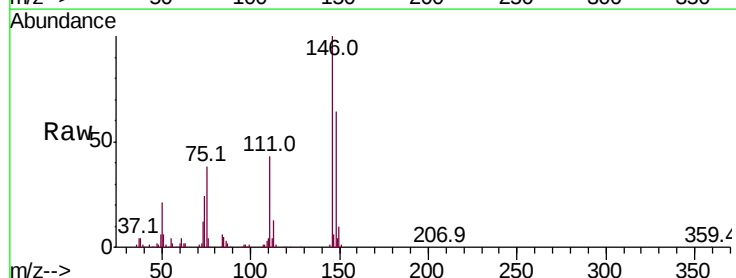
RT: 7.96 min Scan# 829

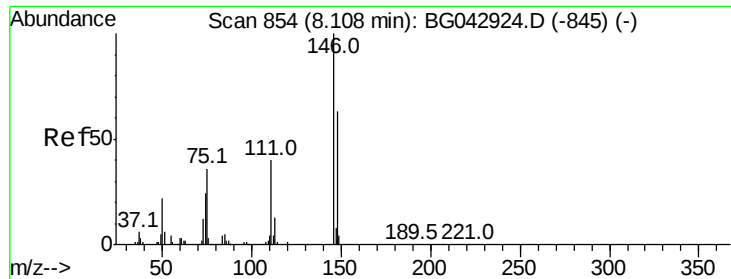
Delta R.T. -0.01 min

Lab File: BG042943.D

Acq: 30 Sep 2019 15:06

Tgt Ion:	146	Resp:	158167
Ion Ratio	Lower	Upper	
146	100		
148	64.3	50.7	76.1
75	37.7	27.7	41.5





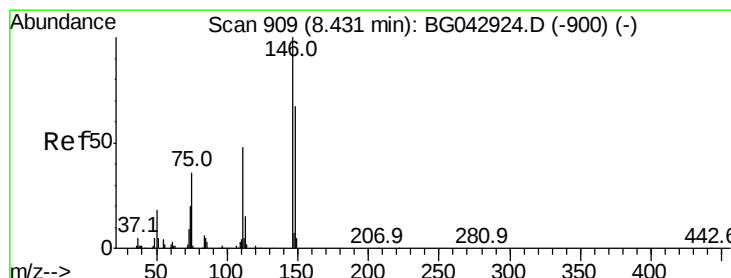
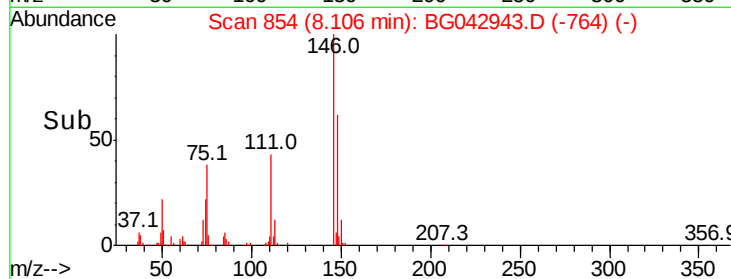
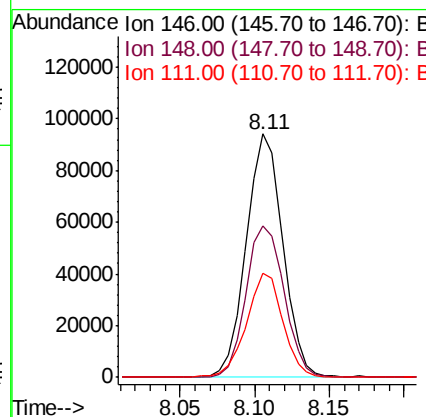
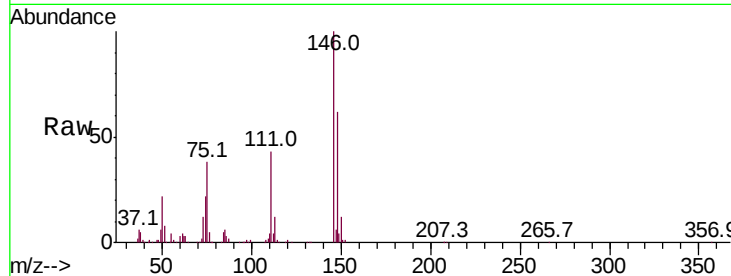
#13
 1,4-Dichlorobenzene
 Concen: 32.345 ng
 RT: 8.11 min Scan# 854
 Delta R.T. -0.00 min
 Lab File: BG042943.D
 Acq: 30 Sep 2019 15:06

Instrument :
 BNA_G
 ClientSampleId :
 20190708-RR-COMPOSITE-8MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.0	50.9	76.3
111	42.9	31.8	47.8

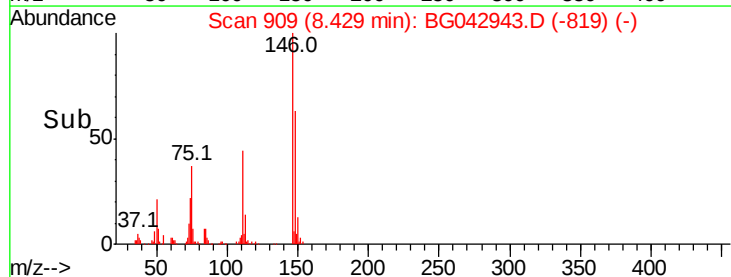
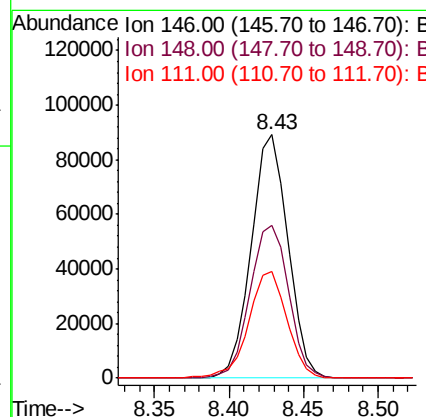
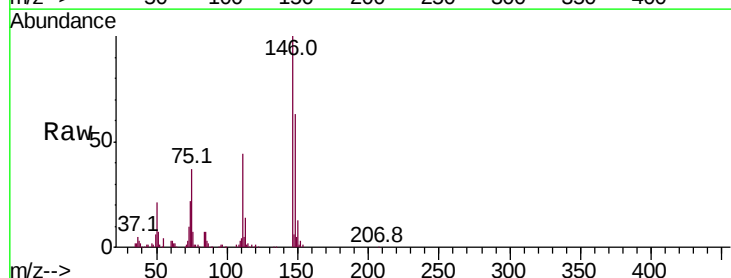
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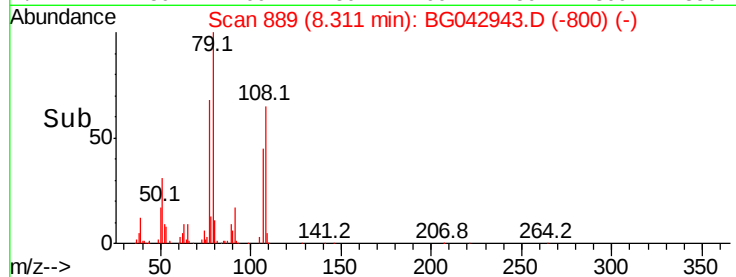
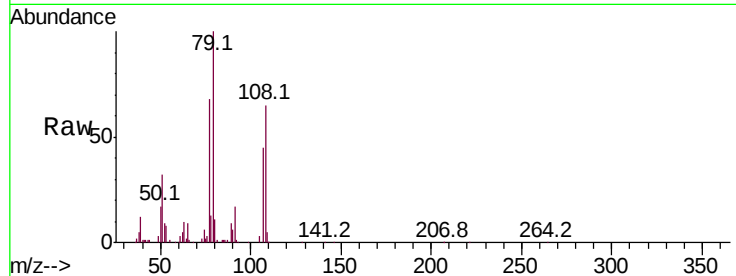
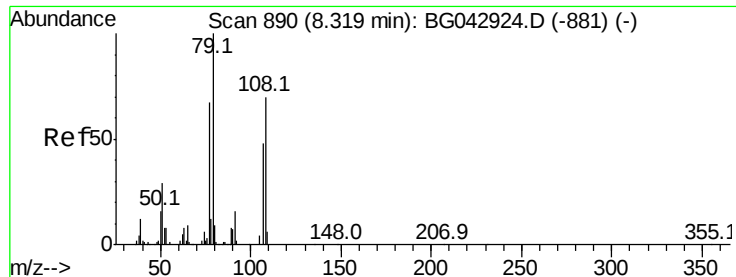
mohammad
 10/2/2019 8:33:13 AM



#14
 1,2-Dichlorobenzene
 Concen: 32.161 ng
 RT: 8.43 min Scan# 909
 Delta R.T. -0.00 min
 Lab File: BG042943.D
 Acq: 30 Sep 2019 15:06

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.9	53.4	80.2
111	43.8	38.5	57.7





#15

Benzyl Alcohol

Concen: 33.676 ng

RT: 8.31 min Scan# 889

Delta R.T. -0.01 min

Lab File: BG042943.D

Acq: 30 Sep 2019 15:06

Tot Ion:	79	Resp:	135896
Ion Ratio	Lower	Upper	
79	100		
108	64.7	55.7	83.5
77	68.3	53.3	79.9

Instrument :

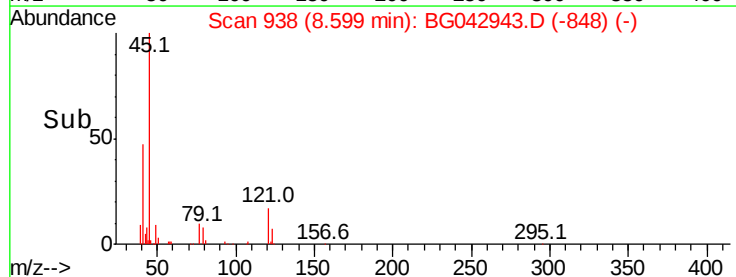
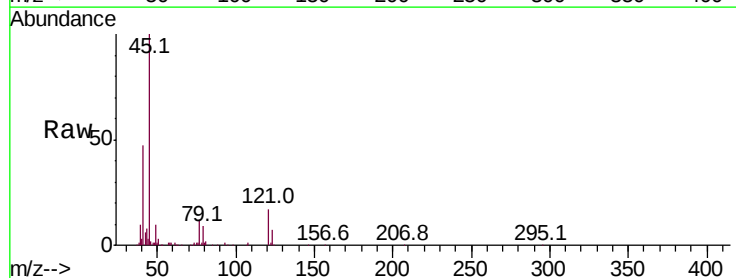
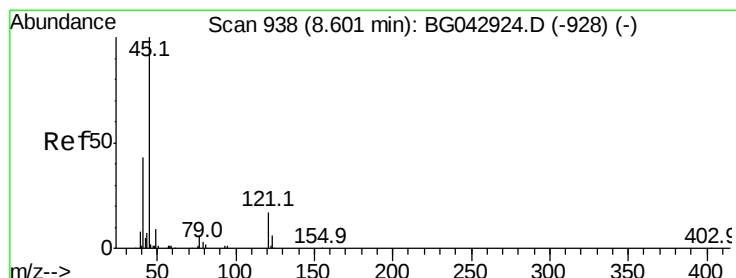
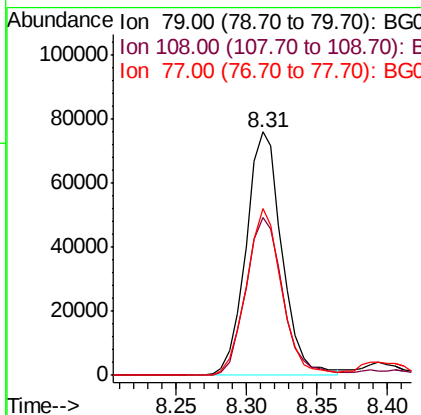
BNA_G

ClientSampleId :

20190708-RR-COMPOSITE-8MS

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 31.776 ng

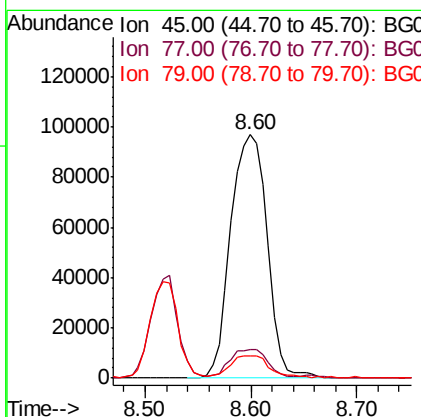
RT: 8.60 min Scan# 938

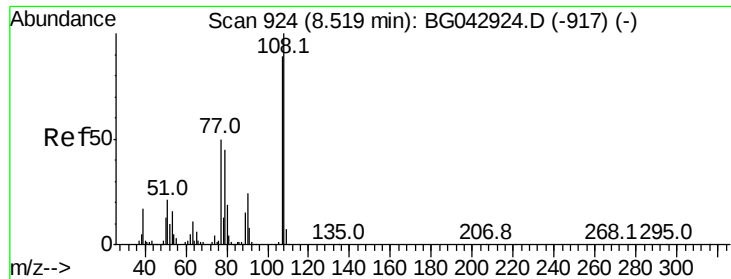
Delta R.T. -0.00 min

Lab File: BG042943.D

Acq: 30 Sep 2019 15:06

Tgt Ion:	45	Resp:	232512
Ion Ratio	Lower	Upper	
45	100		
77	11.8	0.0	32.8
79	9.1	0.0	29.4





#17

2-Methylphenol

Concen: 34.938 ng

RT: 8.52 min Scan# 924

Delta R.T. -0.00 min

Lab File: BG042943.D

Acq: 30 Sep 2019 15:06

Instrument :

BNA_G

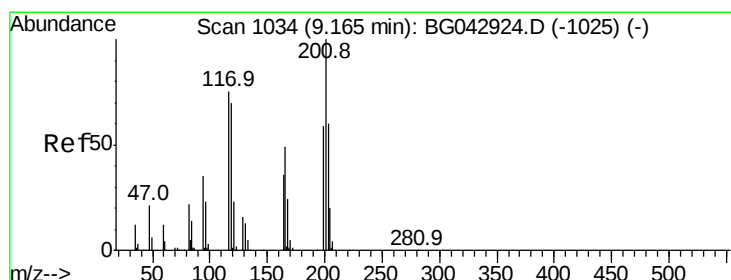
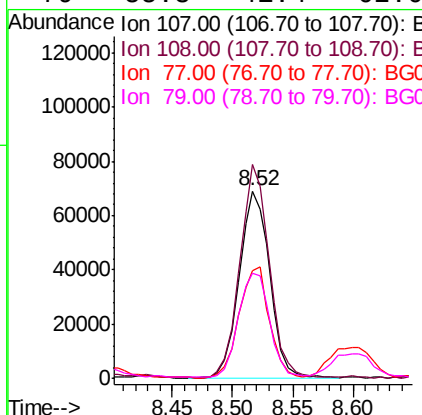
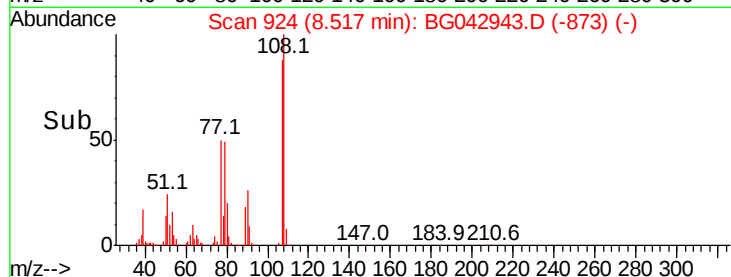
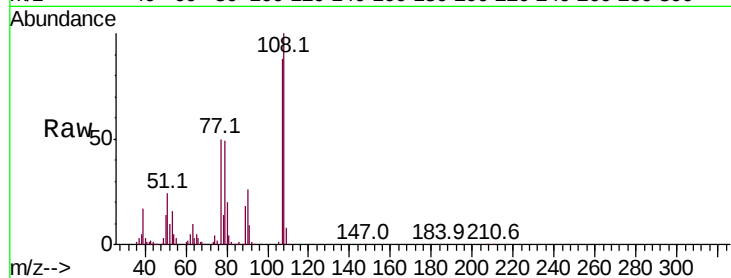
ClientSampleId :

20190708-RR-COMPOSITE-8MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	114.0	89.9	134.9	
77	57.2	45.4	68.2	
79	55.8	41.4	62.0	

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#18

Hexachloroethane

Concen: 32.329 ng

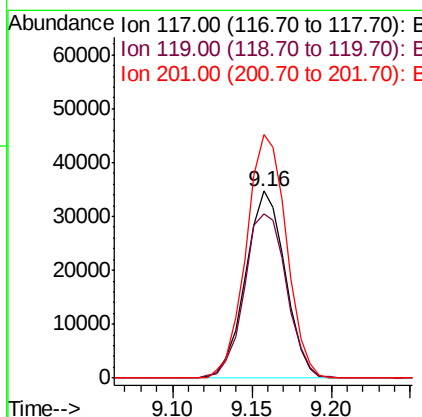
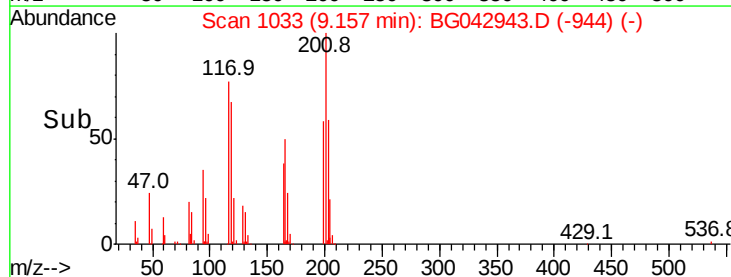
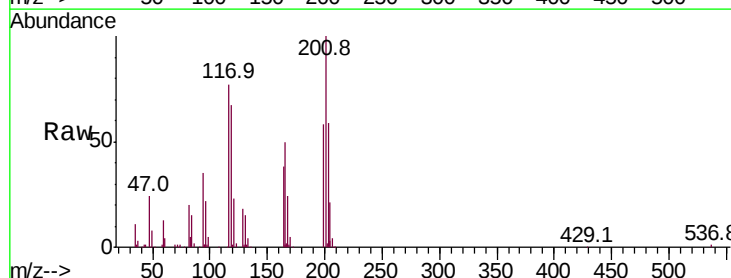
RT: 9.16 min Scan# 1033

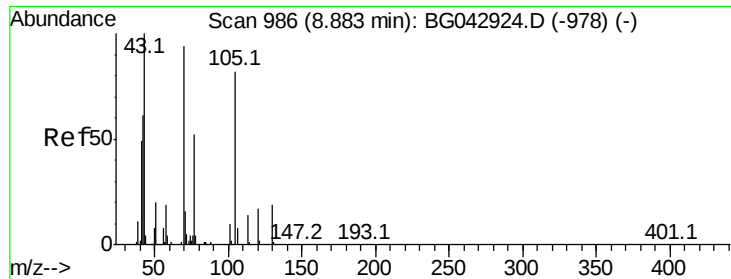
Delta R.T. -0.01 min

Lab File: BG042943.D

Acq: 30 Sep 2019 15:06

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	87.7	74.6	111.8	
201	133.4	106.0	159.0	





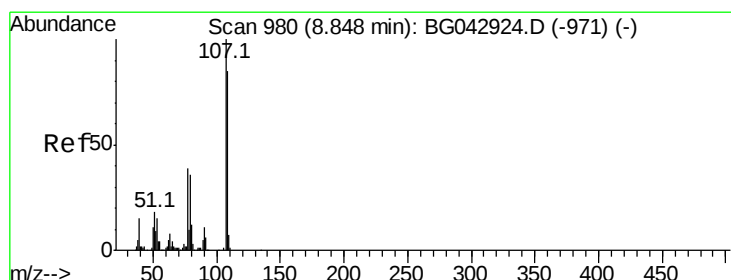
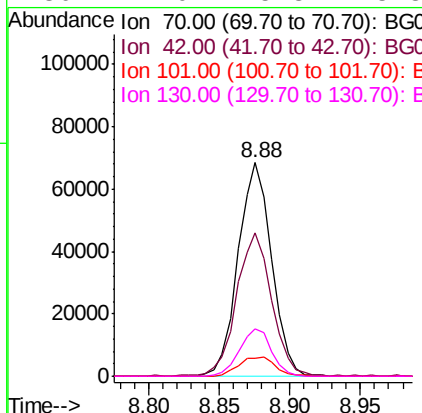
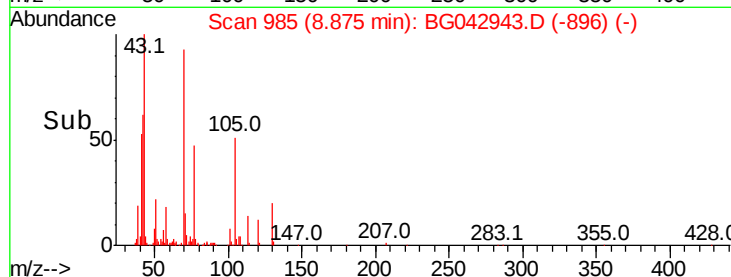
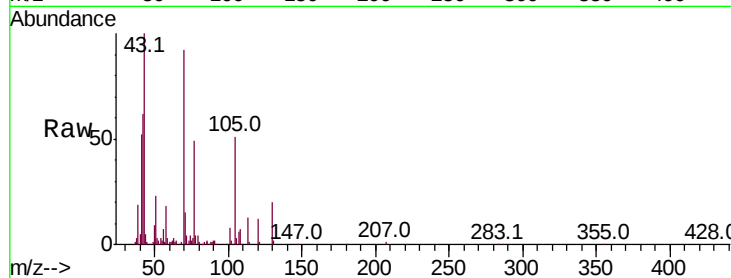
#19
n-Nitroso-di-n-propylamine
Concen: 32.175 ng
RT: 8.88 min Scan# 985
Delta R.T. -0.01 min
Lab File: BG042943.D
Acq: 30 Sep 2019 15:06

Instrument :
BNA_G
ClientSampleId :
20190708-RR-COMPOSITE-8MS

Tot Ion	Ratio	Lower	Upper
70	100		
42	67.2	52.6	79.0
101	8.6	8.7	13.1#
130	22.0	15.8	23.8

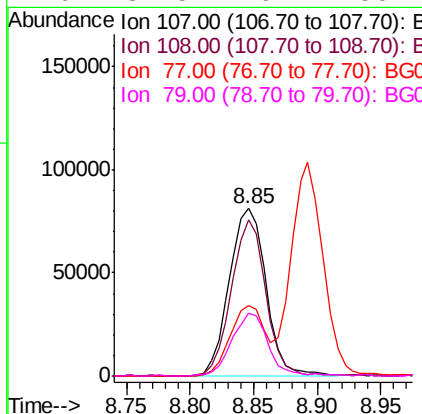
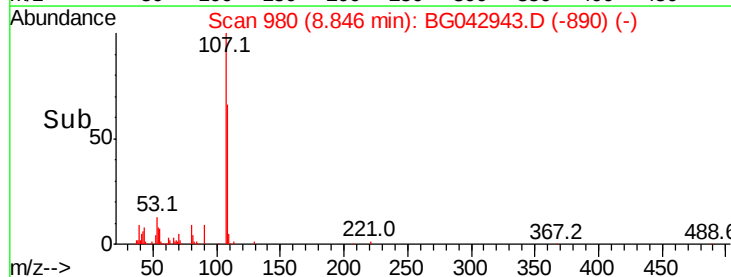
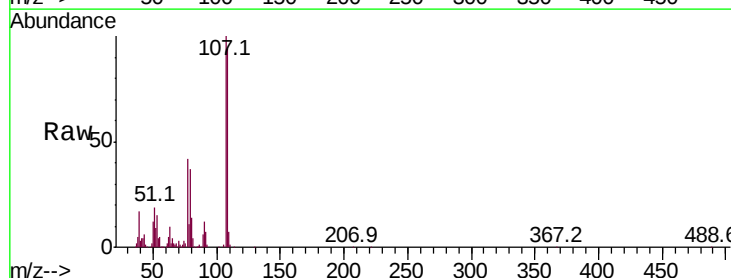
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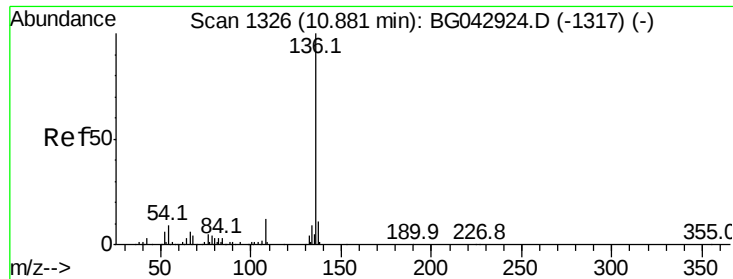
mohammad
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#20
3+4-Methylphenols
Concen: 34.545 ng
RT: 8.85 min Scan# 980
Delta R.T. -0.00 min
Lab File: BG042943.D
Acq: 30 Sep 2019 15:06

Tgt Ion	Ratio	Lower	Upper
107	100		
108	93.5	64.9	104.9
77	42.0	19.4	59.4
79	37.5	16.2	56.2





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.87 min Scan# 1325

Delta R.T. -0.01 min

Lab File: BG042943.D

Acq: 30 Sep 2019 15:06

Instrument :

BNA_G

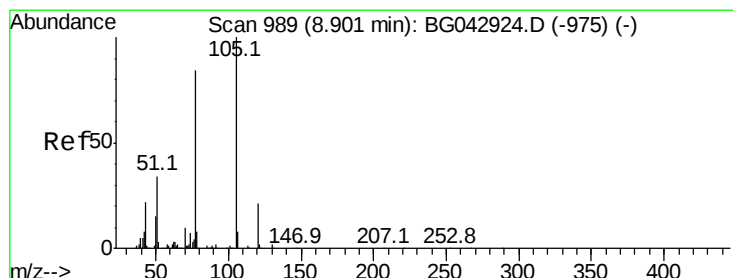
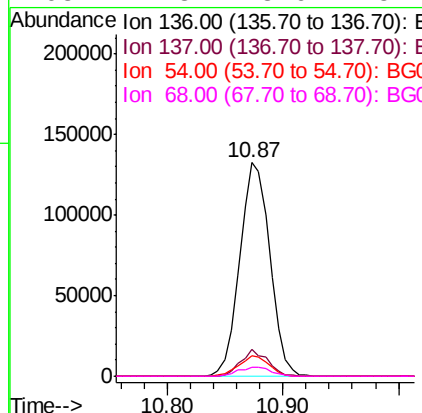
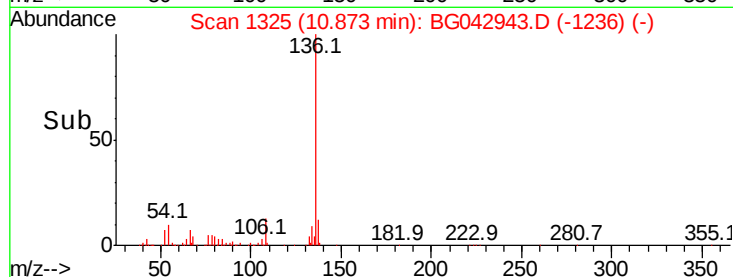
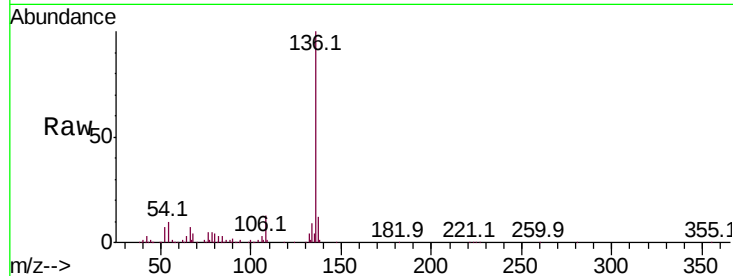
ClientSampleId :

20190708-RR-COMPOSITE-8MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	12.3	8.5	12.7	
54	9.8	7.4	11.2	
68	4.3	3.6	5.4	

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#22

Acetophenone

Concen: 34.044 ng

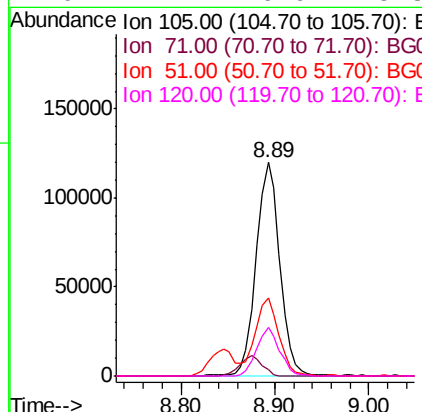
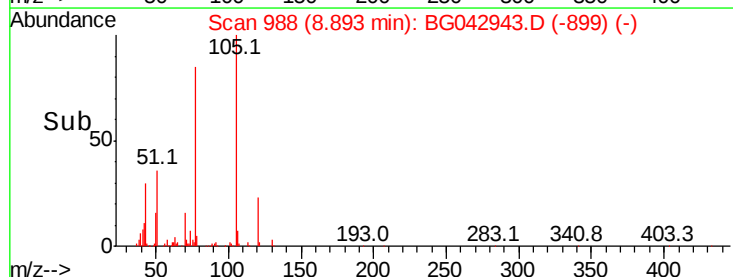
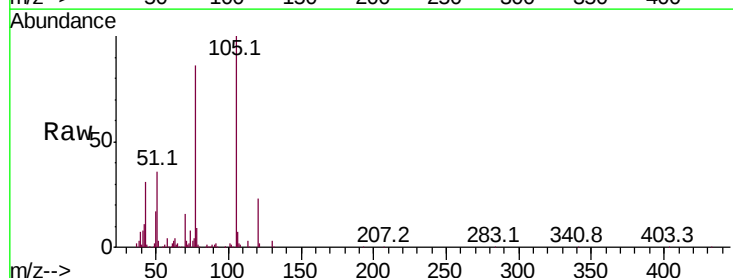
RT: 8.89 min Scan# 988

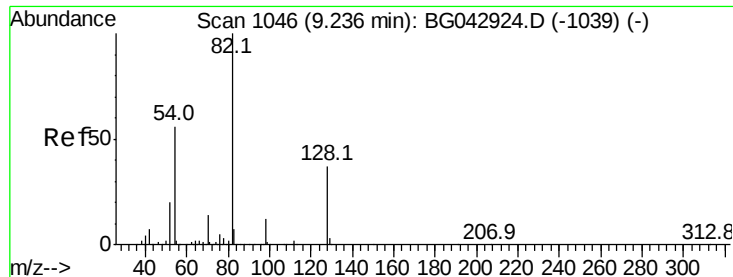
Delta R.T. -0.01 min

Lab File: BG042943.D

Acq: 30 Sep 2019 15:06

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	2.8	1.2	1.8#	
51	36.3	27.2	40.8	
120	22.7	16.9	25.3	





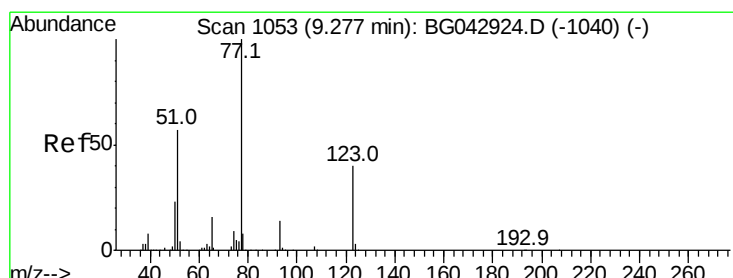
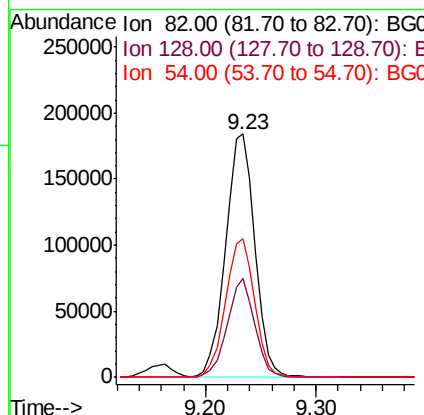
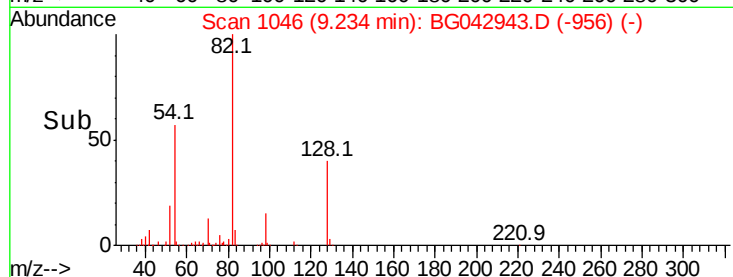
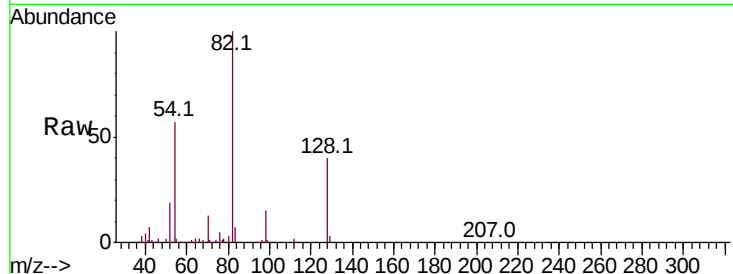
#23
Nitrobenzene-d5
Concen: 69.047 ng
RT: 9.23 min Scan# 1046
Delta R.T. -0.00 min
Lab File: BG042943.D
Acq: 30 Sep 2019 15:06

Instrument :
BNA_G
ClientSampleId :
20190708-RR-COMPOSITE-8MS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	40.4	29.5	44.3	
54	57.0	44.6	67.0	

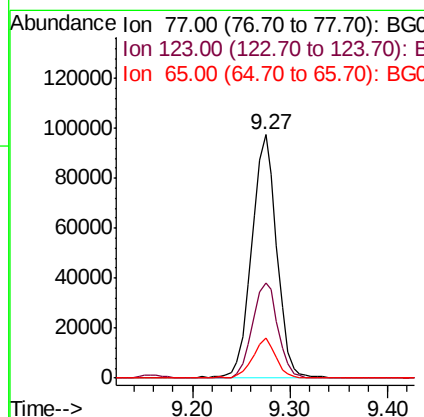
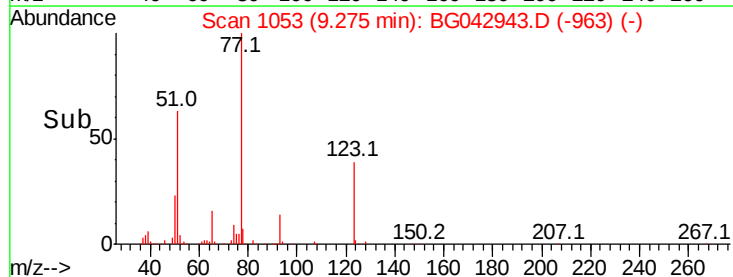
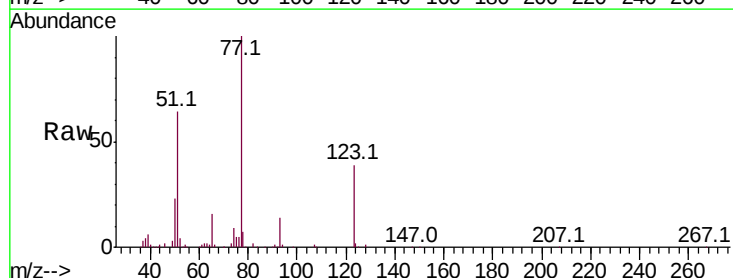
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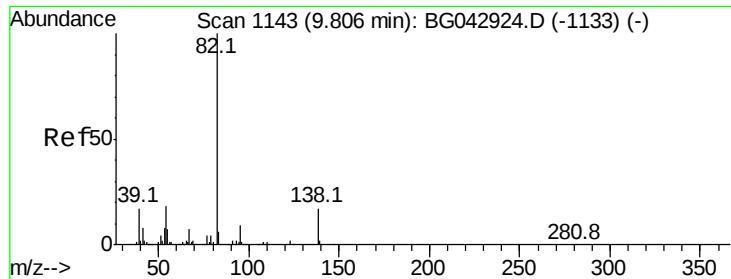
mohammad
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#24
Nitrobenzene
Concen: 37.392 ng
RT: 9.27 min Scan# 1053
Delta R.T. -0.00 min
Lab File: BG042943.D
Acq: 30 Sep 2019 15:06

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	39.0	31.9	47.9	
65	16.4	12.4	18.6	





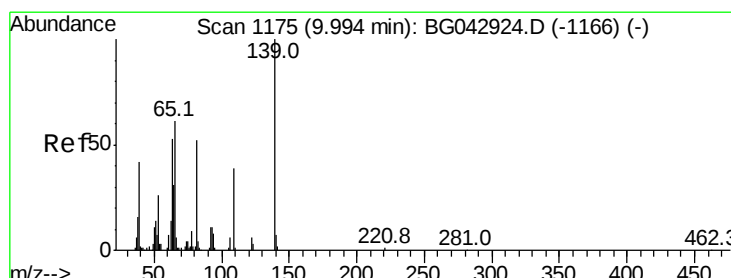
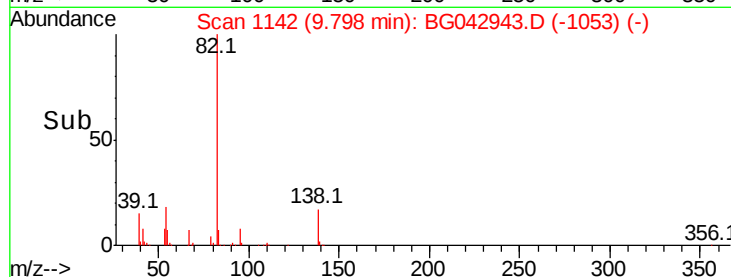
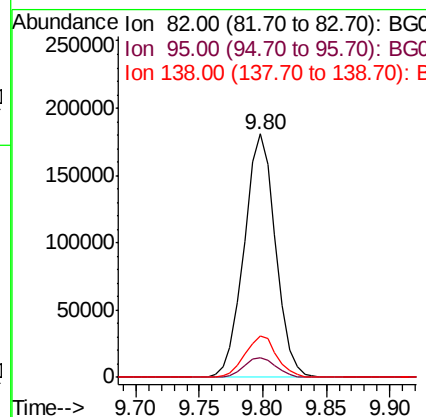
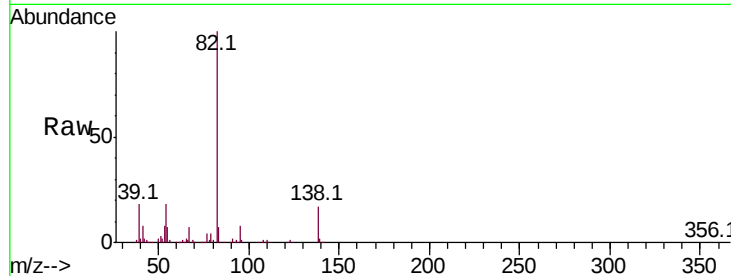
#25
Isophorone
Concen: 35.921 ng
RT: 9.80 min Scan# 1142
Delta R.T. -0.01 min
Lab File: BG042943.D
Acq: 30 Sep 2019 15:06

Instrument :
BNA_G
ClientSampleId :
20190708-RR-COMPOSITE-8MS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
95	8.2	7.0	10.4	
138	17.1	13.8	20.6	

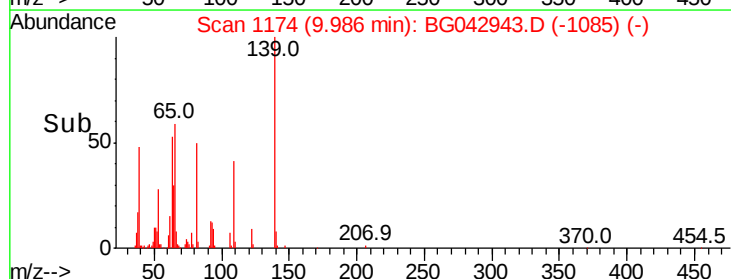
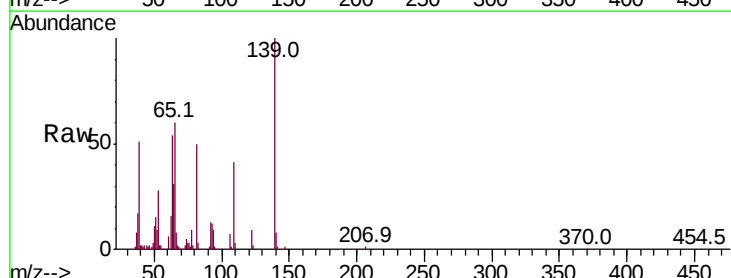
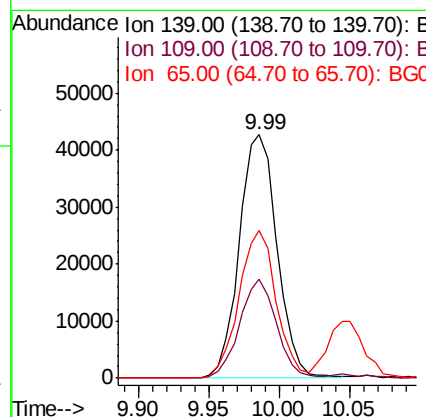
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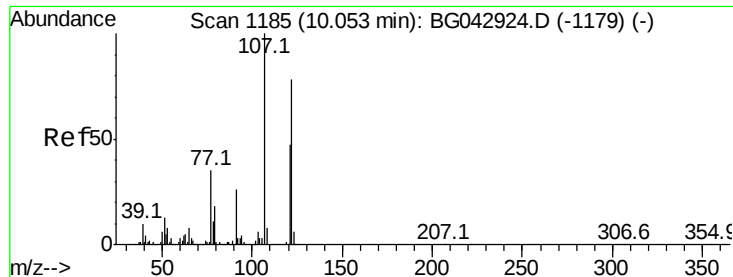
mohammad
10/2/2019 8:33:13 AM



#26
2-Nitrophenol
Concen: 40.026 ng
RT: 9.99 min Scan# 1174
Delta R.T. -0.01 min
Lab File: BG042943.D
Acq: 30 Sep 2019 15:06

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	40.6	31.0	46.6	
65	60.4	48.4	72.6	





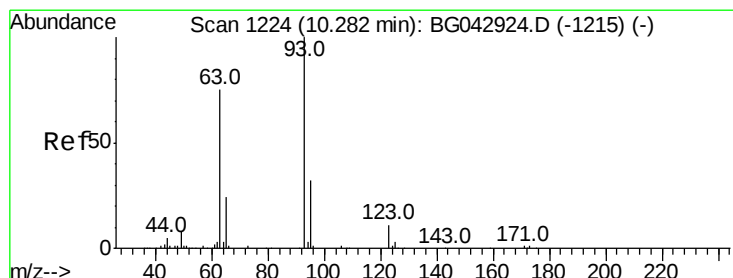
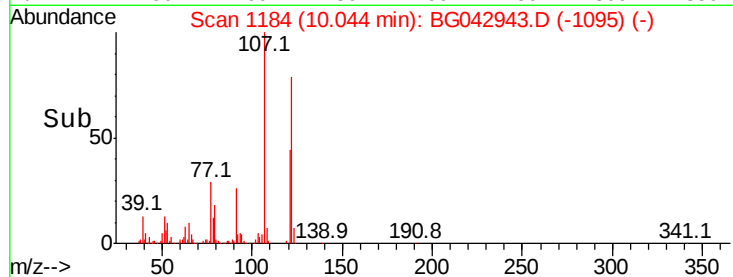
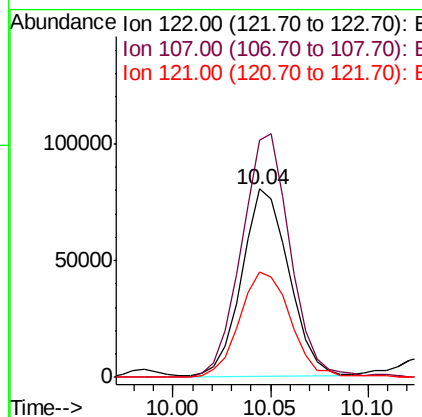
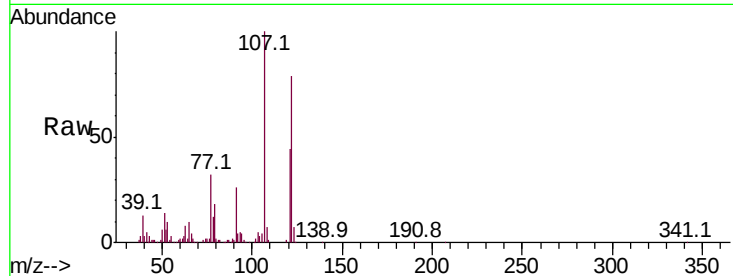
#27
2,4-Dimethylphenol
Concen: 43.807 ng
RT: 10.04 min Scan# 1184
Delta R.T. -0.01 min
Lab File: BG042943.D
Acq: 30 Sep 2019 15:06

Instrument :
BNA_G
ClientSampleId :
20190708-RR-COMPOSITE-8MS

Tot Ion	Ratio	Resp	Lower	Upper
122	100			
107	125.9	102.2	153.2	
121	56.0	48.5	72.7	

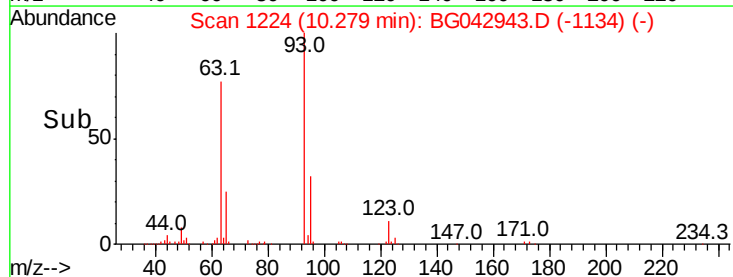
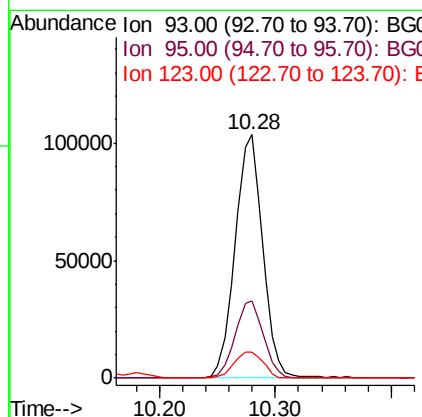
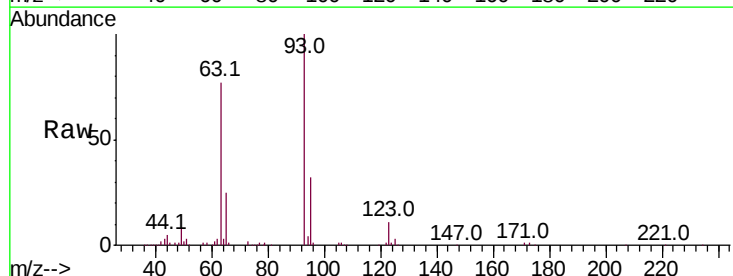
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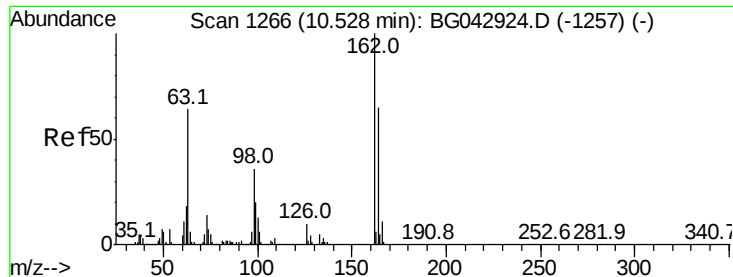
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 34.937 ng
RT: 10.28 min Scan# 1224
Delta R.T. -0.00 min
Lab File: BG042943.D
Acq: 30 Sep 2019 15:06

Tgt Ion	Ratio	Resp	Lower	Upper
93	100			
95	31.6	25.4	38.0	
123	10.8	9.3	13.9	





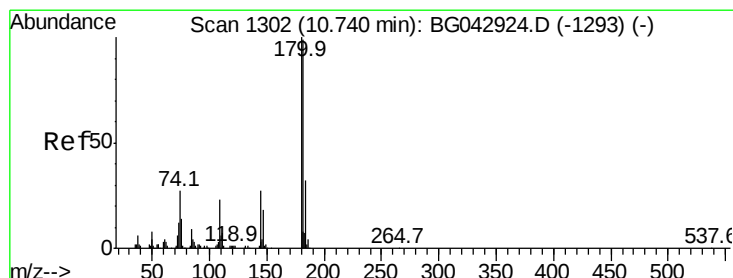
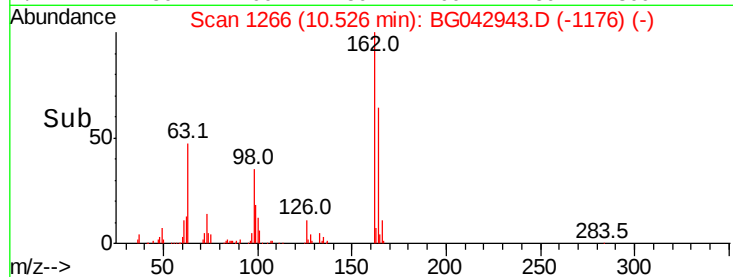
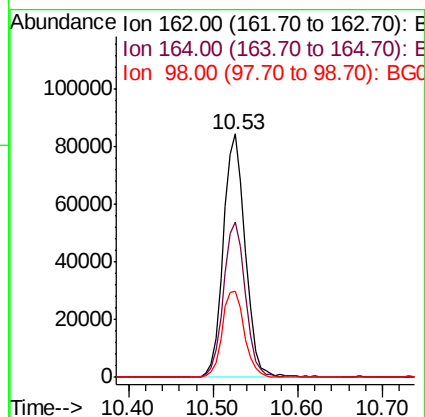
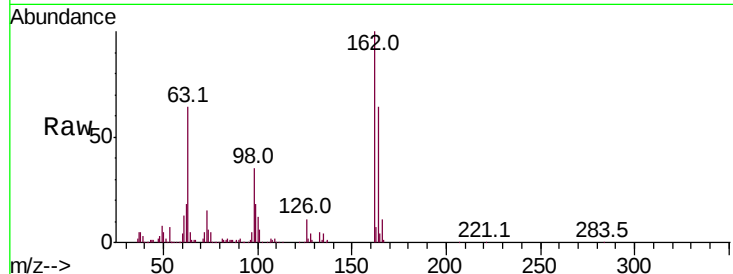
#29
 2,4-Dichlorophenol
 Concen: 39.991 ng
 RT: 10.53 min Scan# 1266
 Delta R.T. -0.00 min
 Lab File: BG042943.D
 Acq: 30 Sep 2019 15:06

Instrument :
 BNA_G
 ClientSampleId :
 20190708-RR-COMPOSITE-8MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	152790		
164	63.7	44.7	84.7	
98	35.4	16.0	56.0	

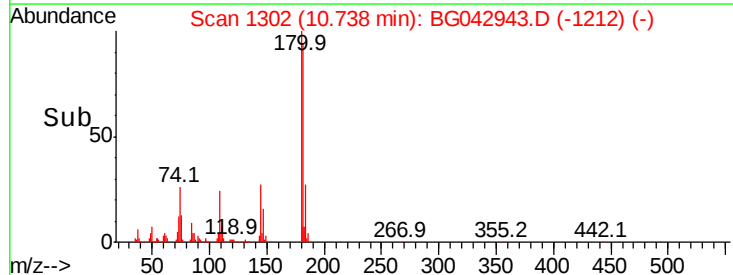
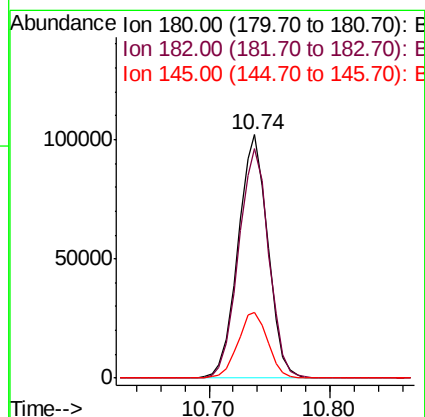
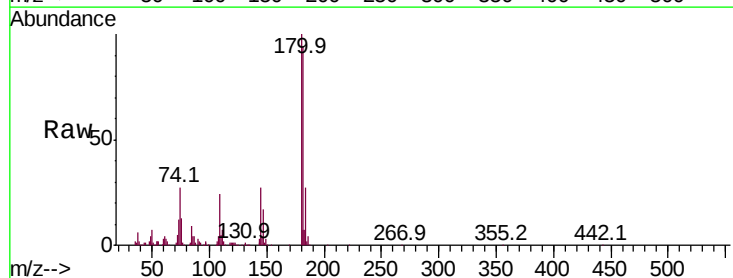
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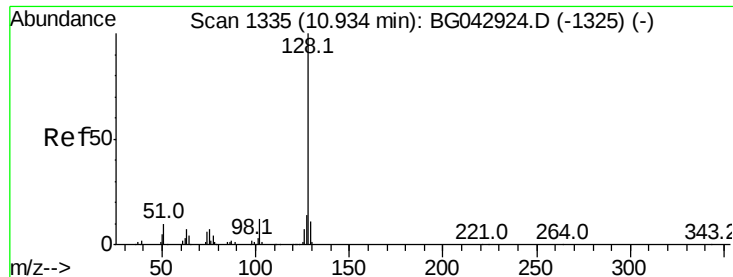
mohammad
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#30
 1,2,4-Trichlorobenzene
 Concen: 35.523 ng
 RT: 10.74 min Scan# 1302
 Delta R.T. -0.00 min
 Lab File: BG042943.D
 Acq: 30 Sep 2019 15:06

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	175268		
182	94.3	79.3	118.9	
145	26.9	22.0	33.0	





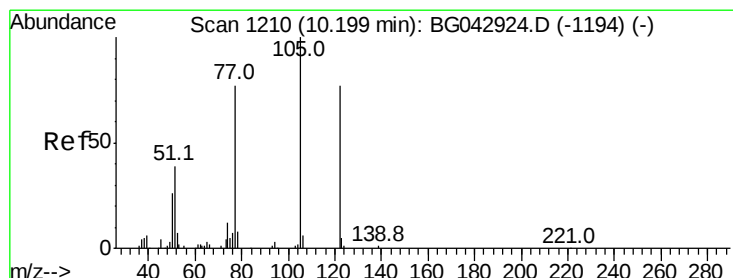
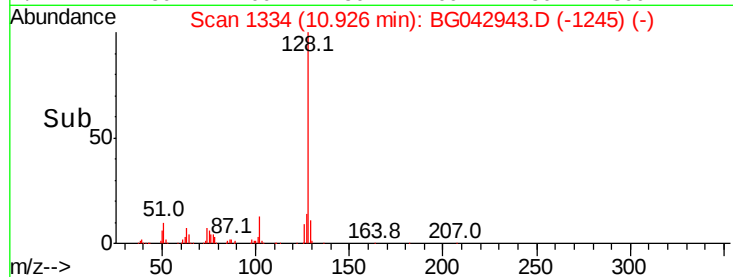
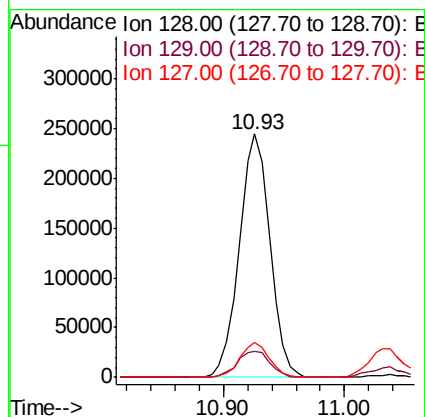
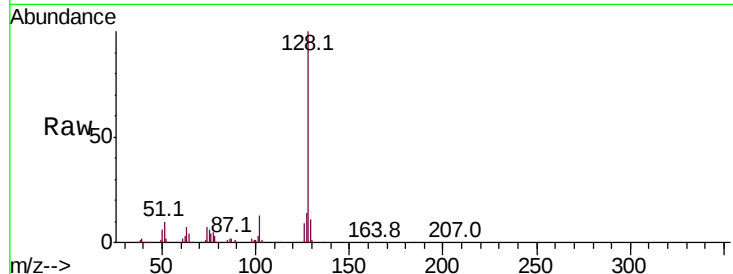
#31
Naphthalene
Concen: 36.754 ng
RT: 10.93 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BG042943.D
Acq: 30 Sep 2019 15:06

Instrument :
BNA_G
ClientSampleId :
20190708-RR-COMPOSITE-8MS

Tot Ion	Ratio	Resp	Lower	Upper
128	100	433219		
129	10.6		8.8	13.2
127	14.2		11.3	16.9

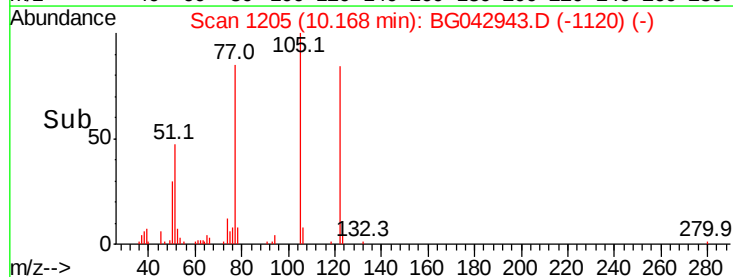
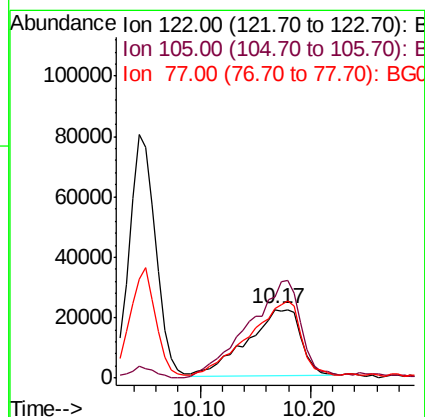
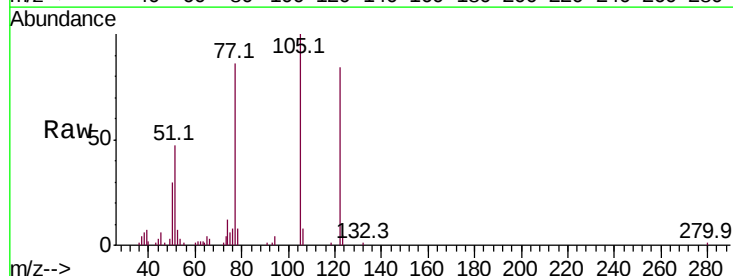
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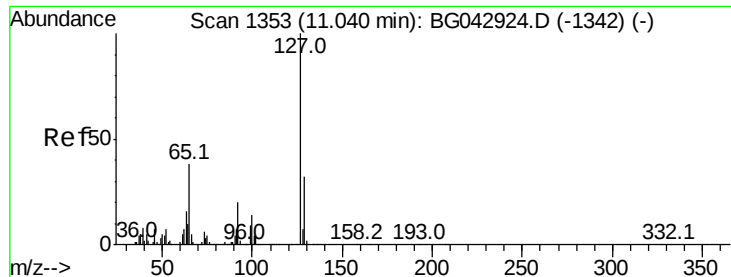
mohammad
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#32
Benzoic acid
Concen: 33.813 ng
RT: 10.17 min Scan# 1205
Delta R.T. -0.03 min
Lab File: BG042943.D
Acq: 30 Sep 2019 15:06

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	75286		
105	118.7		107.5	147.5
77	102.3		79.8	119.8





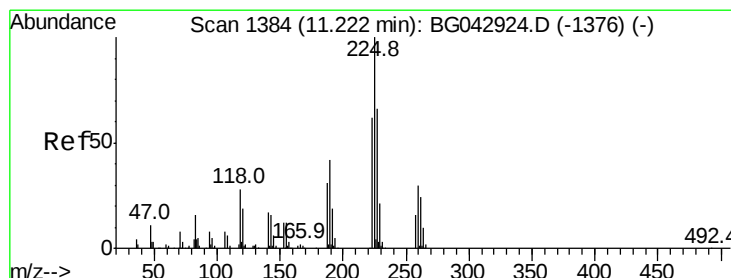
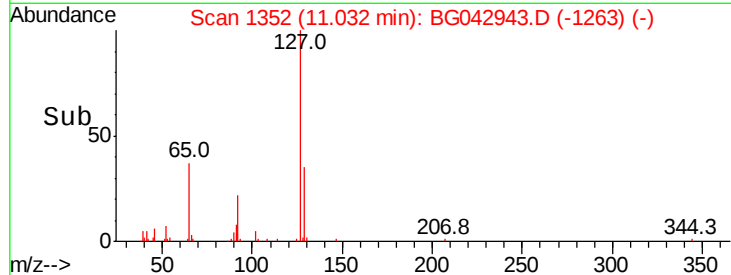
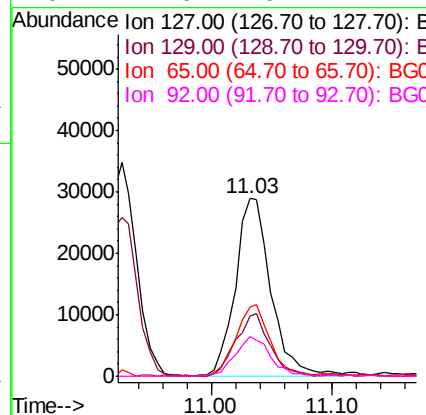
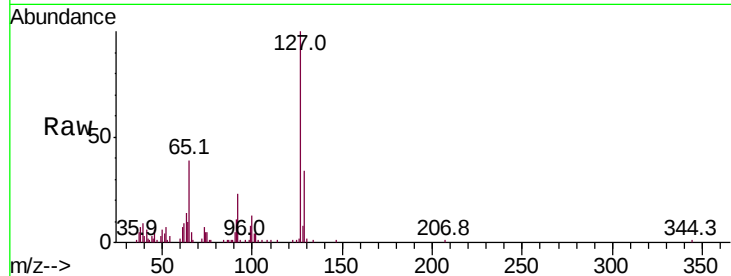
#33
4-Chloroaniline
Concen: 11.608 ng
RT: 11.03 min Scan# 1352
Delta R.T. -0.01 min
Lab File: BG042943.D
Acq: 30 Sep 2019 15:06

Instrument :
BNA_G
ClientSampleId :
20190708-RR-COMPOSITE-8MS

Tot Ion	Ratio	Lower	Upper
127	100		
129	33.8	26.2	39.2
65	38.7	30.6	45.8
92	22.6	16.2	24.4

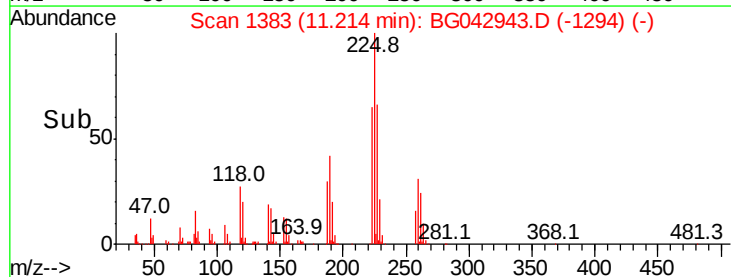
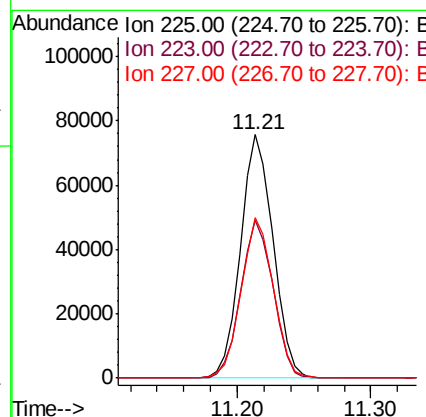
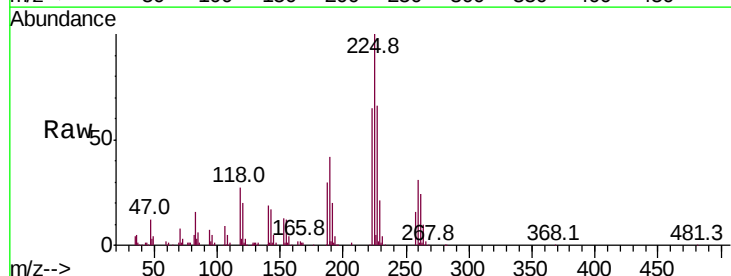
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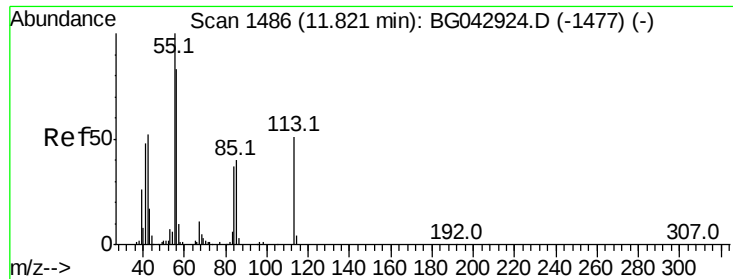
mohammad
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#34
Hexachlorobutadiene
Concen: 34.461 ng
RT: 11.21 min Scan# 1383
Delta R.T. -0.01 min
Lab File: BG042943.D
Acq: 30 Sep 2019 15:06

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.6	49.3	73.9
227	68.1	52.8	79.2





#35

Caprolactam

Concen: 35.662 ng/ml

RT: 11.81 min Scan# 1484

Delta R.T. -0.01 min

Lab File: BG042943.D

Acq: 30 Sep 2019 15:06

Instrument :

BNA_G

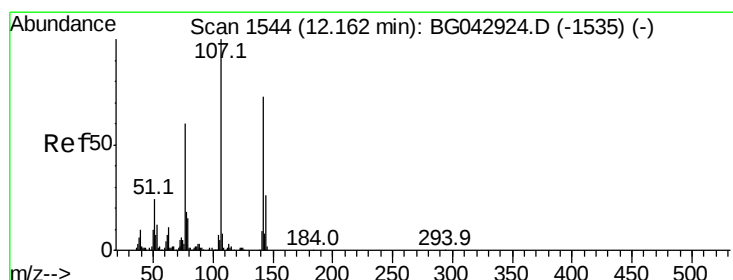
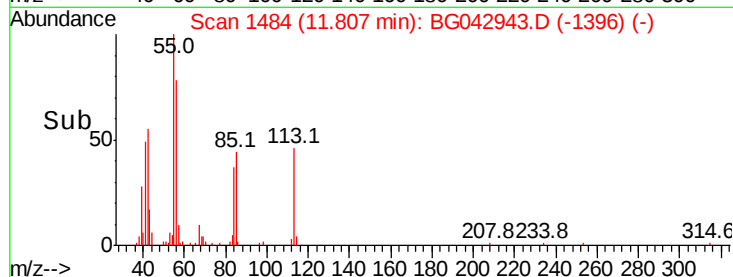
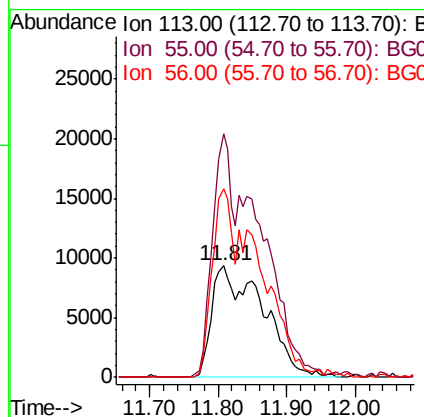
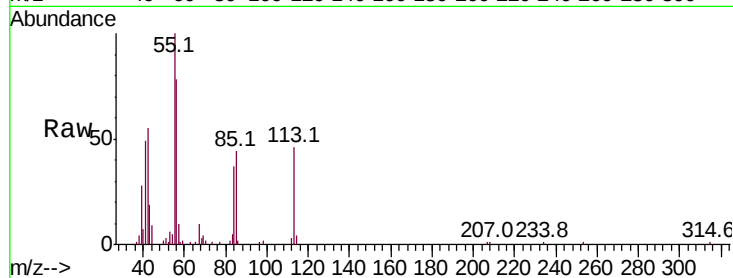
ClientSampleId :

20190708-RR-COMPOSITE-8MS

Tot Ion:	113	Resp:	48049
Ion Ratio	Lower	Upper	
113	100		
55	218.5	175.5	215.5#
56	169.8	142.3	182.3

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#36

4-Chloro-3-methylphenol

Concen: 39.546 ng/ml

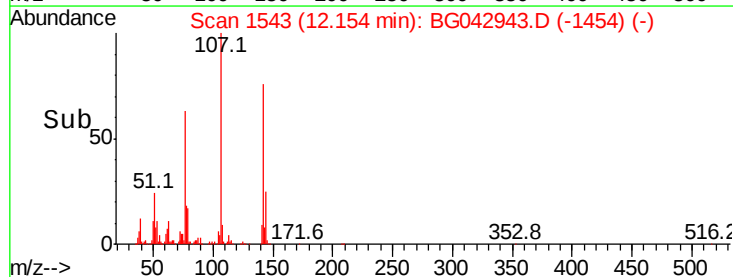
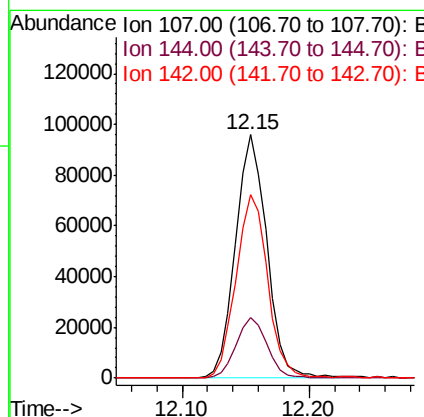
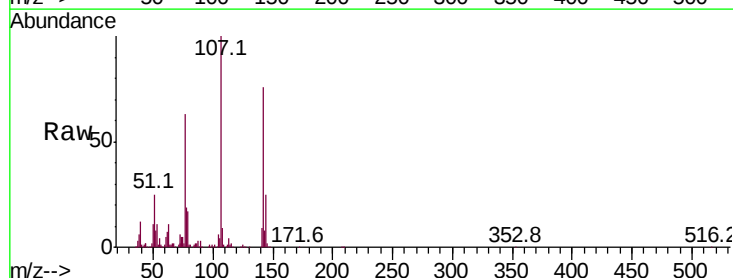
RT: 12.15 min Scan# 1543

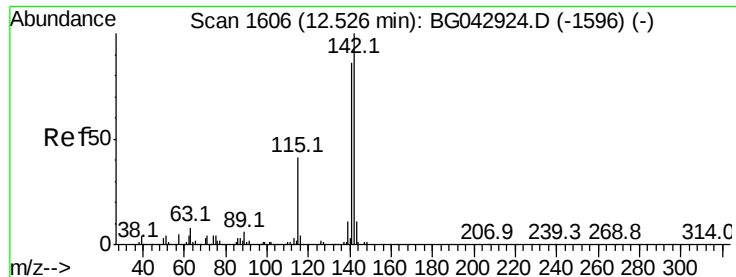
Delta R.T. -0.01 min

Lab File: BG042943.D

Acq: 30 Sep 2019 15:06

Tgt Ion:	107	Resp:	164278
Ion Ratio	Lower	Upper	
107	100		
144	24.7	20.7	31.1
142	75.5	58.6	87.8





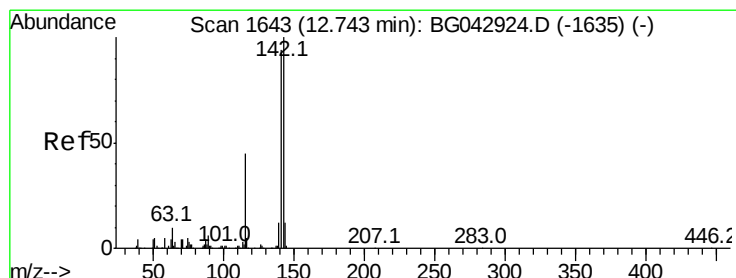
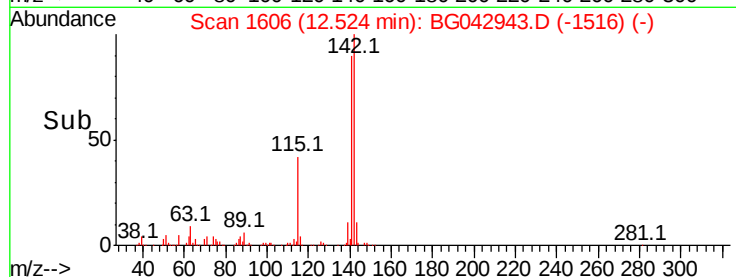
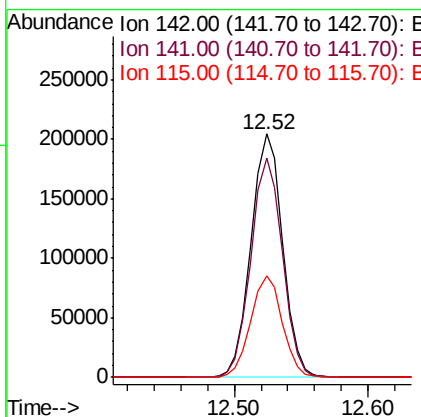
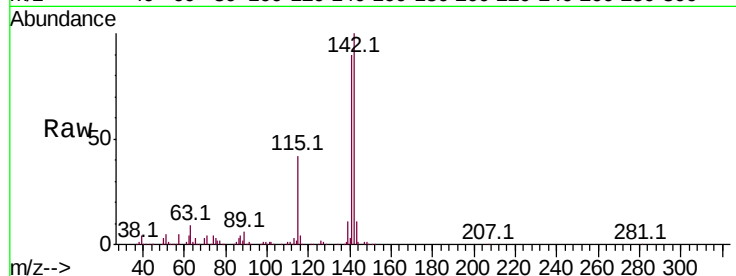
#37
 2-Methylnaphthalene
 Concen: 37.086 ng
 RT: 12.52 min Scan# 1606
 Delta R.T. -0.00 min
 Lab File: BG042943.D
 Acq: 30 Sep 2019 15:06

Instrument :
 BNA_G
 ClientSampleId :
 20190708-RR-COMPOSITE-8MS

Tot Ion:	142	Resp:	333484
Ion Ratio	Lower	Upper	
142	100		
141	90.1	69.0	103.4
115	41.5	32.8	49.2

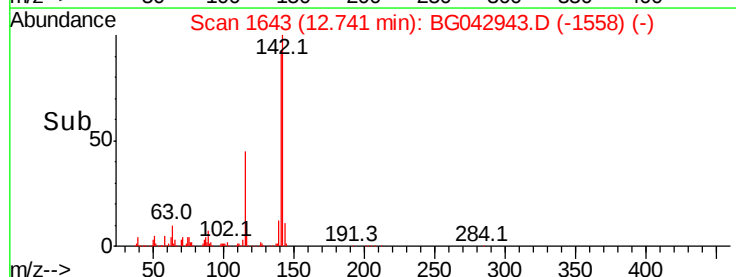
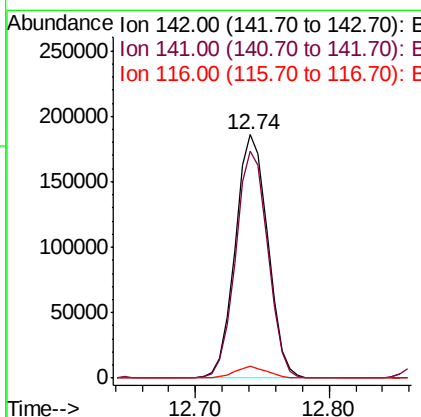
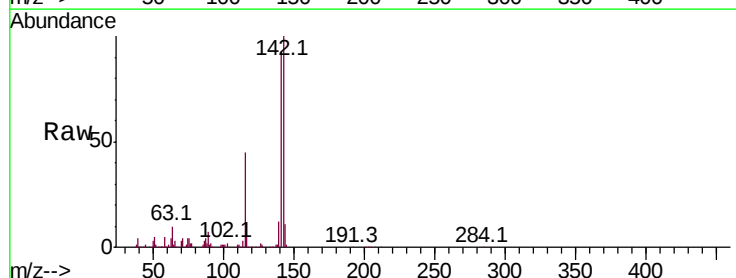
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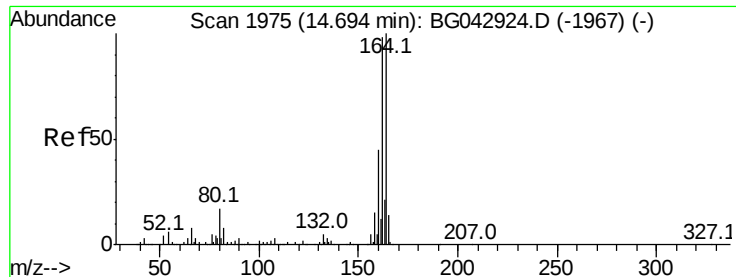
mohammad
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#38
 1-Methylnaphthalene
 Concen: 36.855 ng
 RT: 12.74 min Scan# 1643
 Delta R.T. -0.00 min
 Lab File: BG042943.D
 Acq: 30 Sep 2019 15:06

Tgt Ion:	142	Resp:	313583
Ion Ratio	Lower	Upper	
142	100		
141	93.2	74.9	112.3
116	4.7	3.7	5.5





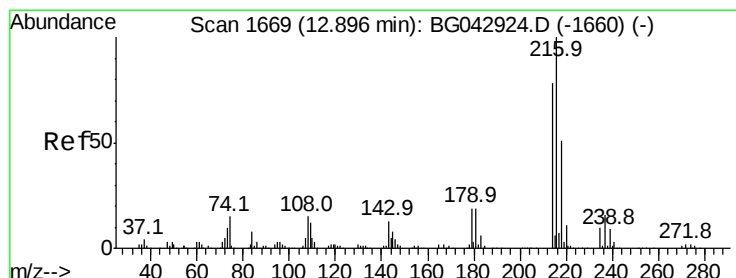
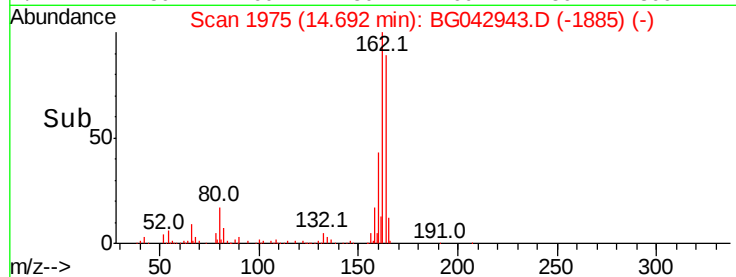
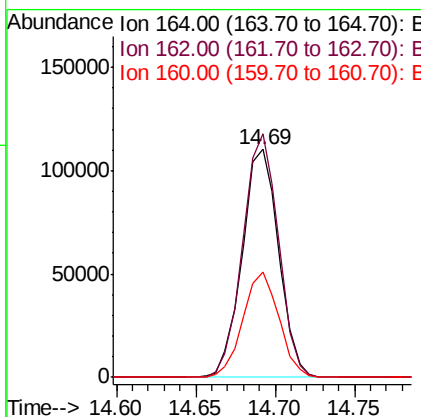
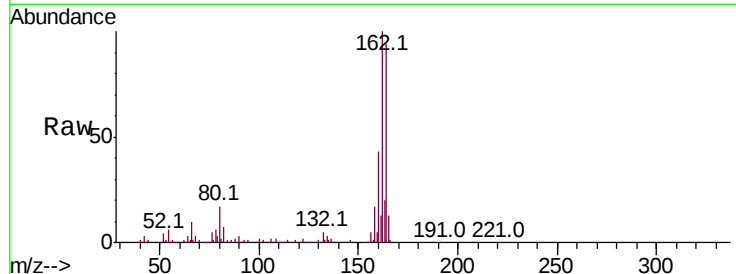
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.69 min Scan# 1975
Delta R.T. -0.00 min
Lab File: BG042943.D
Acq: 30 Sep 2019 15:06

Instrument :
BNA_G
ClientSampleId :
20190708-RR-COMPOSITE-8MS

Tot Ion	Ratio	Resp	Lower	Upper
164	100	177114		
162	106.7	78.5	117.7	
160	46.2	35.9	53.9	

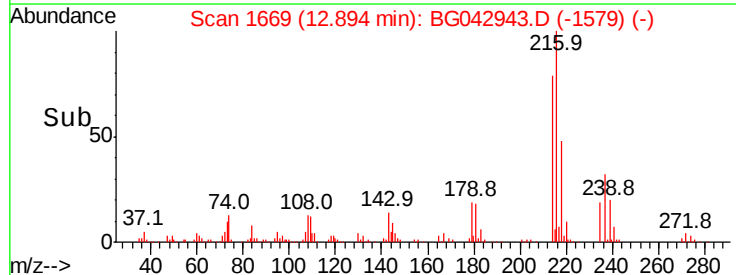
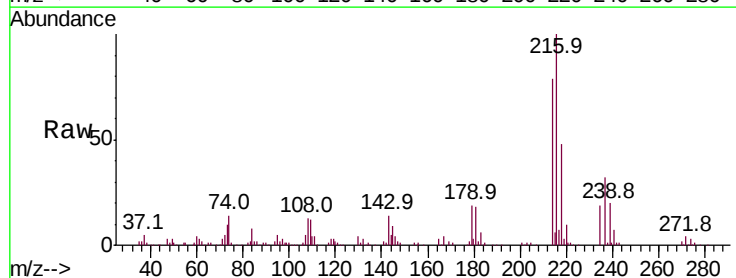
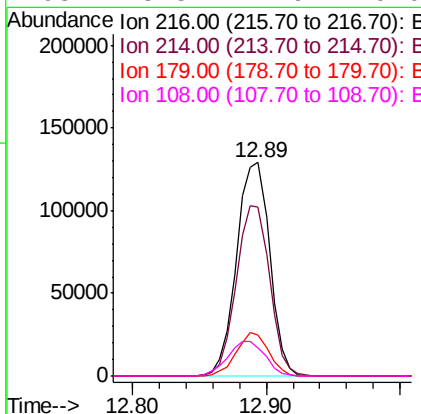
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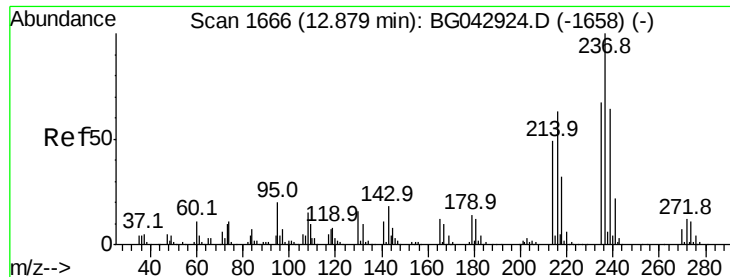
mohammad
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 33.340 ng
RT: 12.89 min Scan# 1669
Delta R.T. -0.00 min
Lab File: BG042943.D
Acq: 30 Sep 2019 15:06

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	222020		
214	79.9	62.4	93.6	
179	19.8	15.4	23.2	
108	18.5	12.6	19.0	





#41

Hexachlorocyclopentadiene

Concen: 81.857 ng

RT: 12.88 min Scan# 1666

Delta R.T. -0.00 min

Lab File: BG042943.D

Acq: 30 Sep 2019 15:06

Instrument :

BNA_G

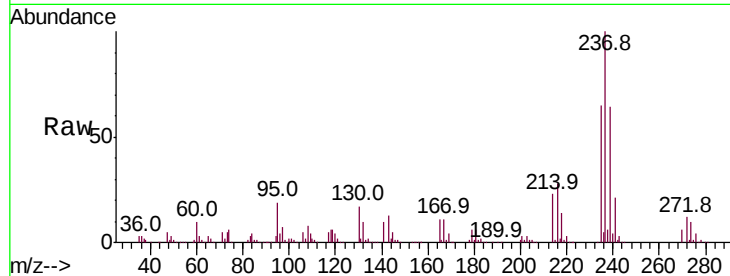
ClientSampleId :

20190708-RR-COMPOSITE-8MS

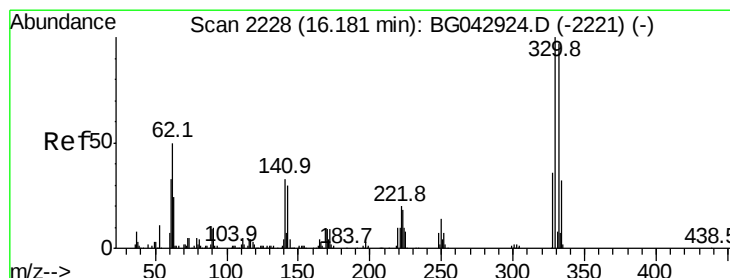
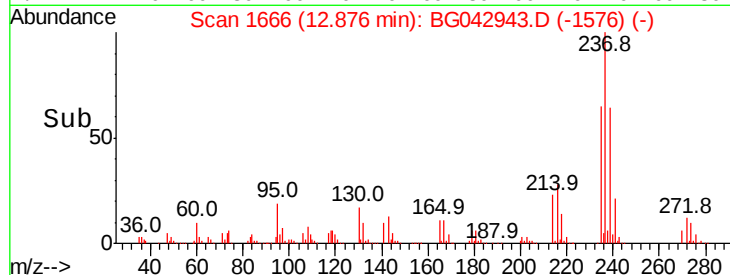
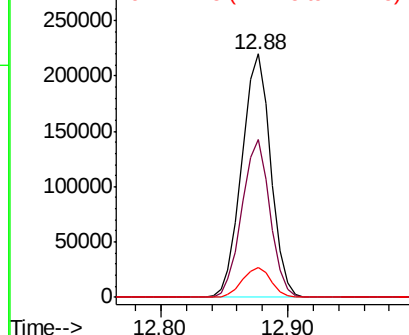
Tot Ion:	237	Resp:	347321
Ion Ratio	Lower	Upper	
237	100		
235	64.9	46.7	86.7
272	12.2	0.0	32.3

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



#42

2,4,6-Tribromophenol

Concen: 98.699 ng

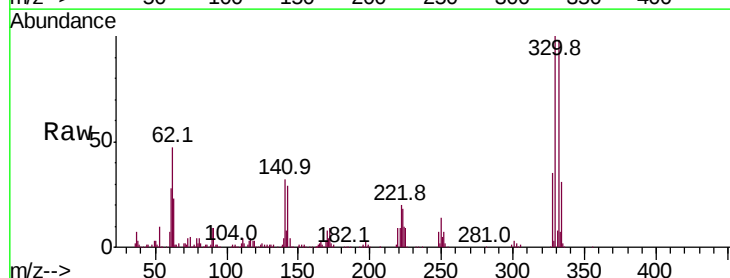
RT: 16.18 min Scan# 2228

Delta R.T. -0.00 min

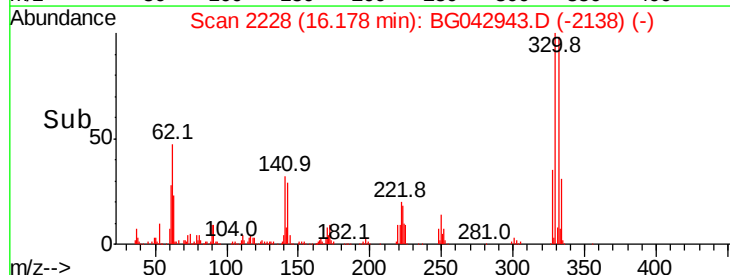
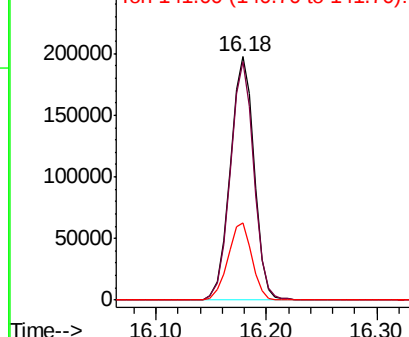
Lab File: BG042943.D

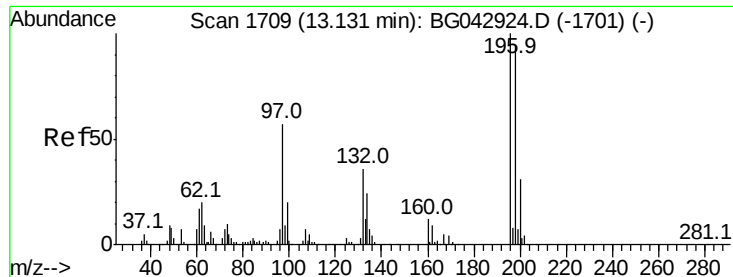
Acq: 30 Sep 2019 15:06

Tgt Ion:	330	Resp:	300595
Ion Ratio	Lower	Upper	
330	100		
332	96.4	78.2	117.2
141	31.7	26.0	39.0



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





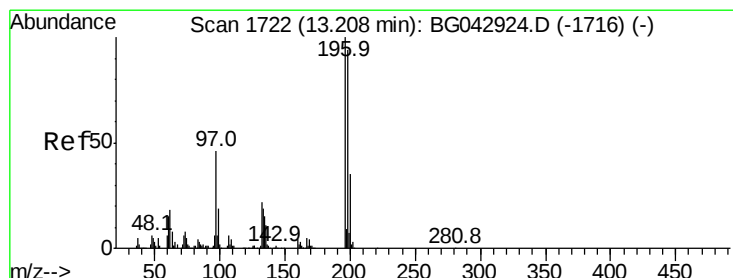
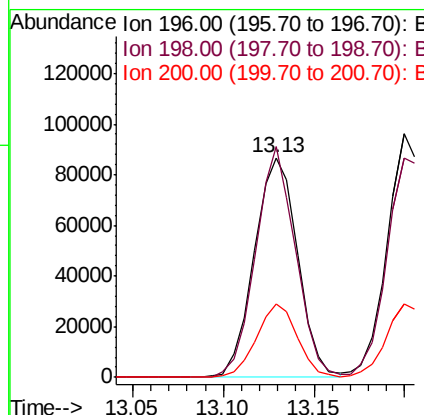
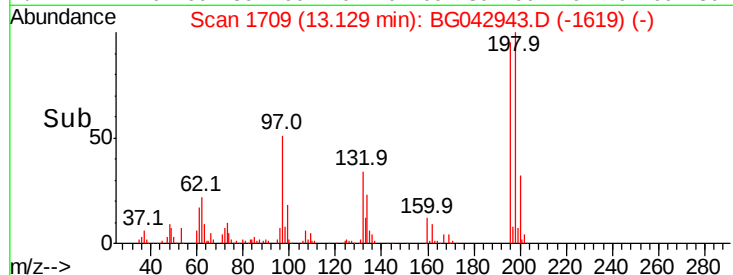
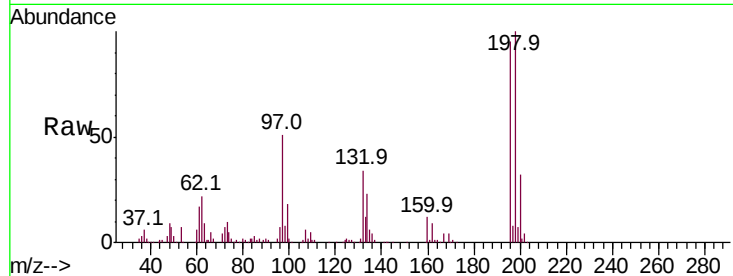
#43
 2,4,6-Trichlorophenol
 Concen: 36.775 ng
 RT: 13.13 min Scan# 1709
 Delta R.T. -0.00 min
 Lab File: BG042943.D
 Acq: 30 Sep 2019 15:06

Instrument :
 BNA_G
 ClientSampleId :
 20190708-RR-COMPOSITE-8MS

Tot Ion:	196	Resp:	143338
Ion	Ratio	Lower	Upper
196	100		
198	104.8	75.5	113.3
200	33.6	24.9	37.3

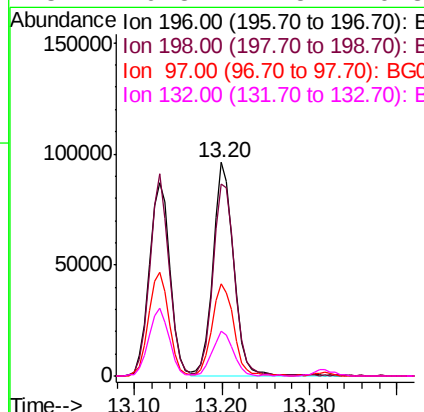
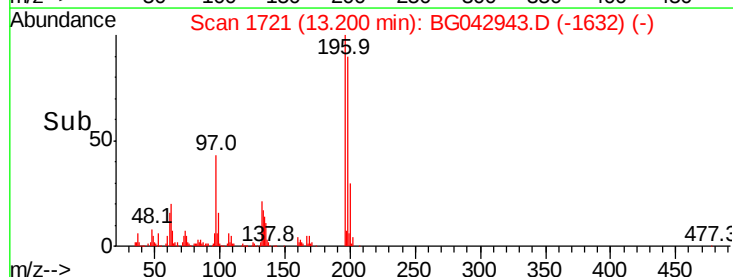
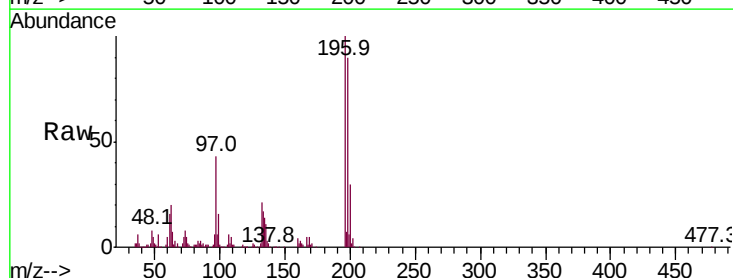
Manual Integrations
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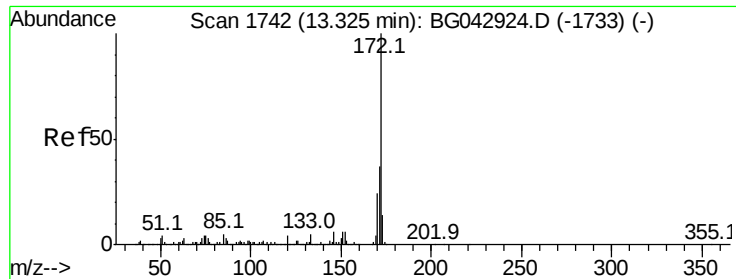
mohammad
 10/2/2019 8:33:13 AM



#44
 2,4,5-Trichlorophenol
 Concen: 39.553 ng
 RT: 13.20 min Scan# 1721
 Delta R.T. -0.01 min
 Lab File: BG042943.D
 Acq: 30 Sep 2019 15:06

Tgt Ion:	196	Resp:	158815
Ion	Ratio	Lower	Upper
196	100		
198	90.0	75.1	112.7
97	43.2	37.0	55.4
132	20.8	17.5	26.3





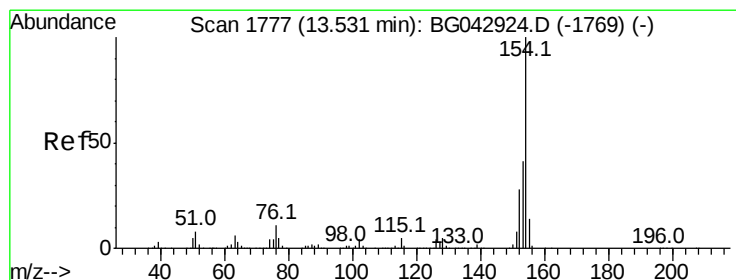
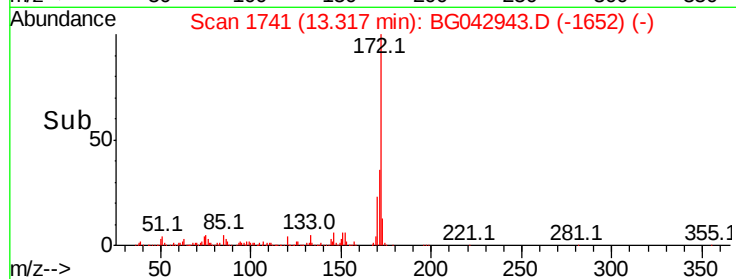
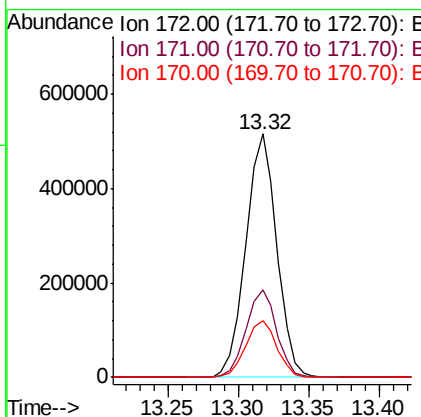
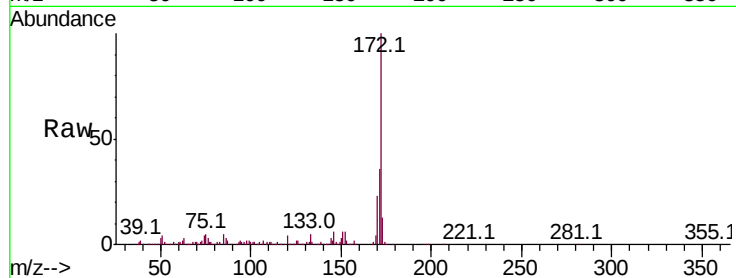
#45
2-Fluorobiphenyl
Concen: 64.754 ng
RT: 13.32 min Scan# 1741
Delta R.T. -0.01 min
Lab File: BG042943.D
Acq: 30 Sep 2019 15:06

Instrument :
BNA_G
ClientSampleId :
20190708-RR-COMPOSITE-8MS

Tot Ion	Ratio	Resp	Lower	Upper
172	100			
171	35.9	29.6	44.4	
170	23.3	19.6	29.4	

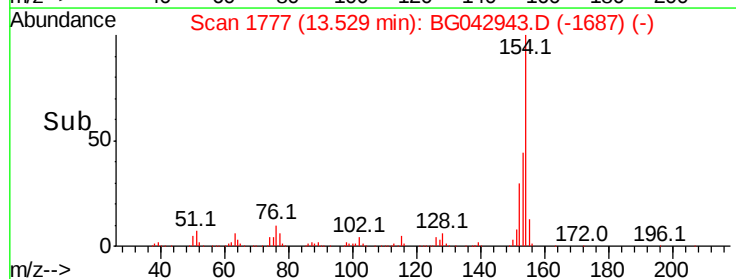
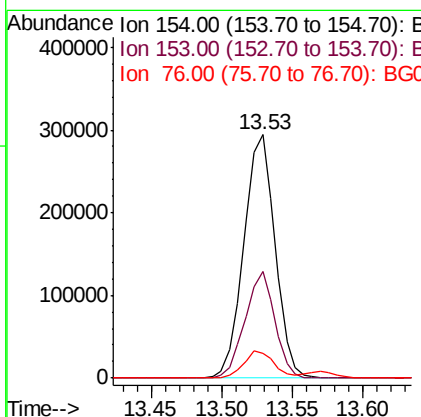
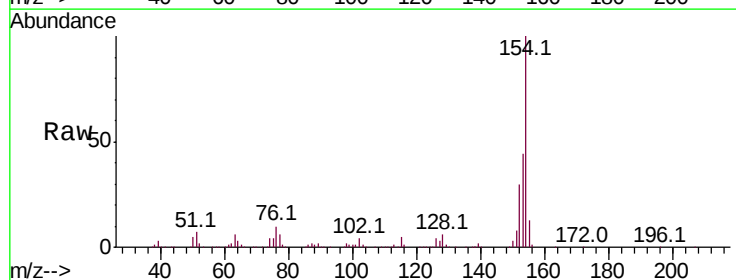
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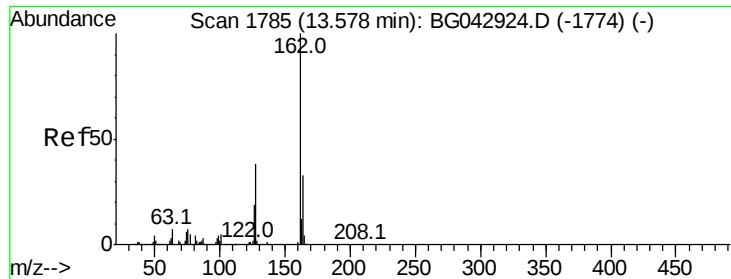
mohammad
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#46
1,1'-Biphenyl
Concen: 34.050 ng
RT: 13.53 min Scan# 1777
Delta R.T. -0.00 min
Lab File: BG042943.D
Acq: 30 Sep 2019 15:06

Tgt Ion	Ratio	Resp	Lower	Upper
154	100			
153	43.9	21.4	61.4	
76	10.0	0.0	31.3	





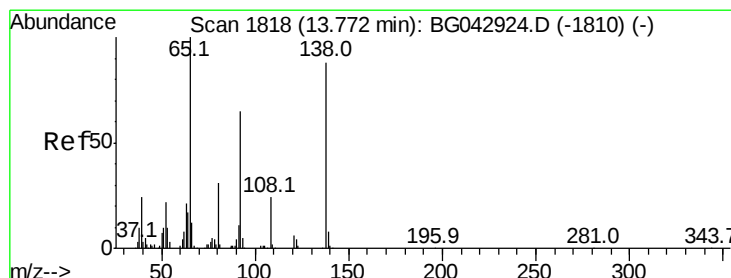
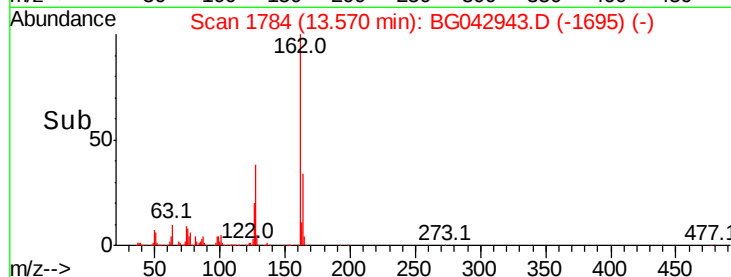
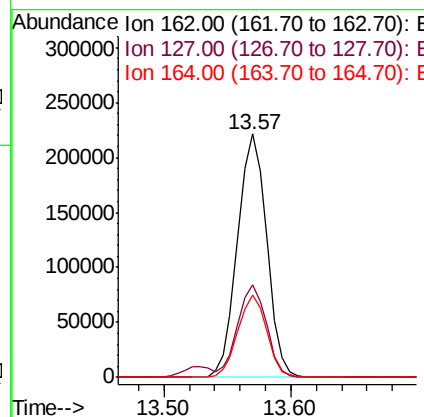
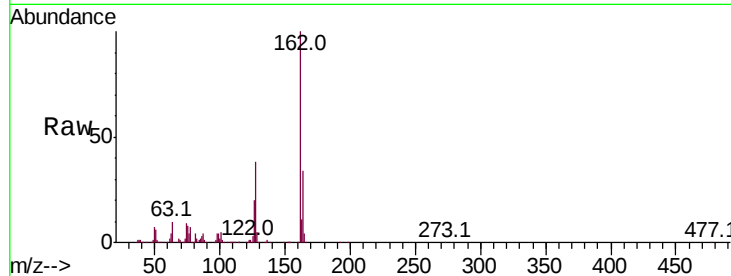
#47
2-Chloronaphthalene
Concen: 35.161 ng
RT: 13.57 min Scan# 1784
Delta R.T. -0.01 min
Lab File: BG042943.D
Acq: 30 Sep 2019 15:06

Instrument :
BNA_G
ClientSampleId :
20190708-RR-COMPOSITE-8MS

Tot Ion:162	Resp:	354071
Ion Ratio	Lower	Upper
162 100		
127 38.1	31.0	46.6
164 33.6	26.2	39.2

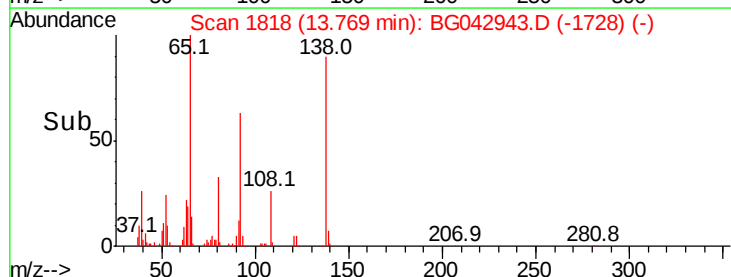
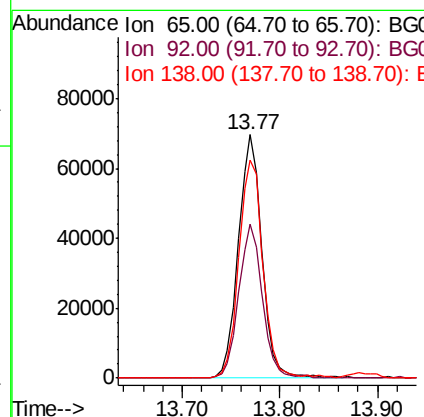
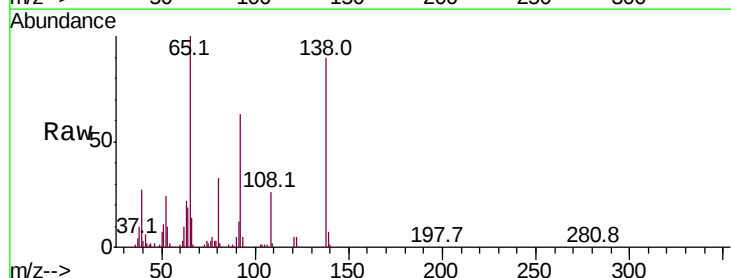
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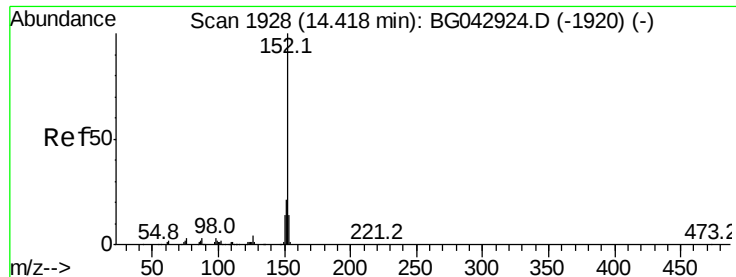
mohammad
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#48
2-Nitroaniline
Concen: 34.666 ng
RT: 13.77 min Scan# 1818
Delta R.T. -0.00 min
Lab File: BG042943.D
Acq: 30 Sep 2019 15:06

Tgt Ion: 65	Resp:	116090
Ion Ratio	Lower	Upper
65 100		
92 63.3	52.0	78.0
138 89.7	70.4	105.6





#49

Acenaphthylene

Concen: 37.492 ng

RT: 14.42 min Scan# 1928

Delta R.T. -0.00 min

Lab File: BG042943.D

Acq: 30 Sep 2019 15:06

Instrument :

BNA_G

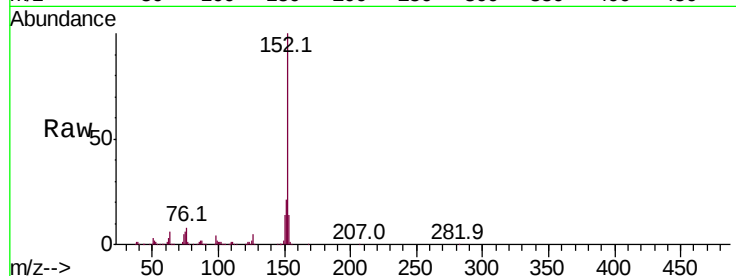
ClientSampleId :

20190708-RR-COMPOSITE-8MS

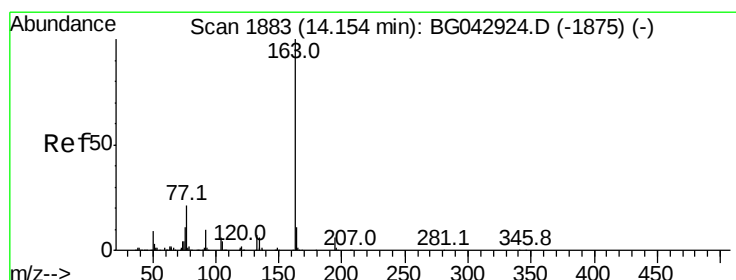
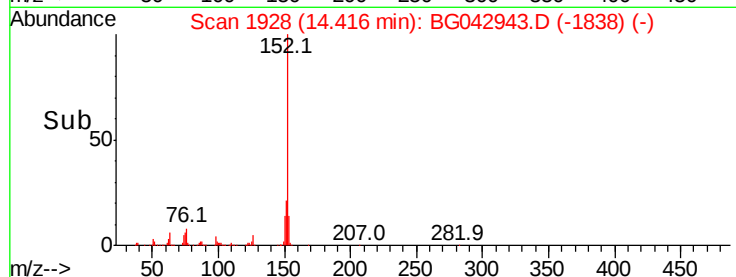
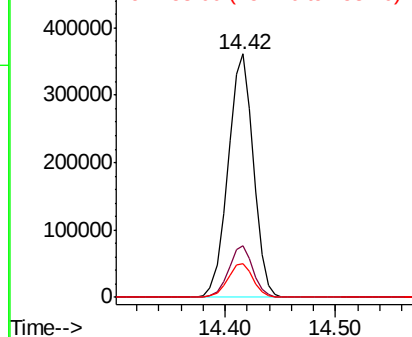
Tot Ion:	152	Resp:	577708
Ion Ratio	Lower	Upper	
152	100		
151	21.0	16.8	25.2
153	13.7	11.3	16.9

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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 42.512 ng

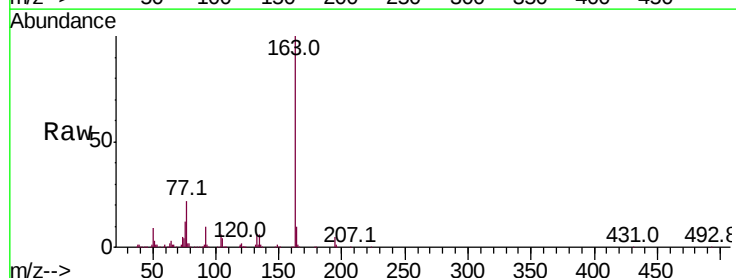
RT: 14.15 min Scan# 1882

Delta R.T. -0.01 min

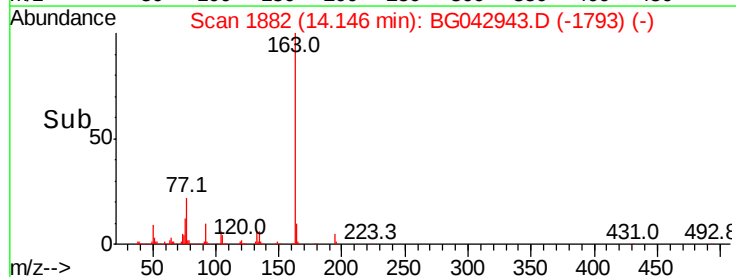
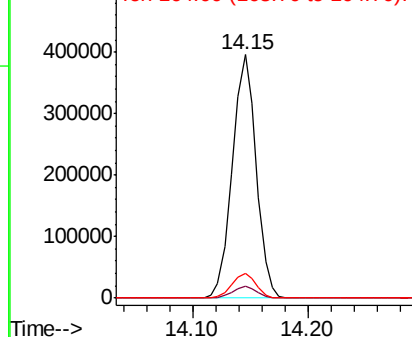
Lab File: BG042943.D

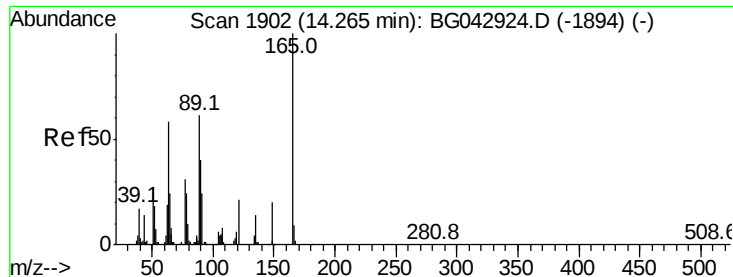
Acq: 30 Sep 2019 15:06

Tgt Ion:	163	Resp:	564157
Ion Ratio	Lower	Upper	
163	100		
194	5.1	4.4	6.6
164	10.3	8.6	12.8



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 37.228 ng

RT: 14.26 min Scan# 1901

Delta R.T. -0.01 min

Lab File: BG042943.D

Acq: 30 Sep 2019 15:06

Instrument :

BNA_G

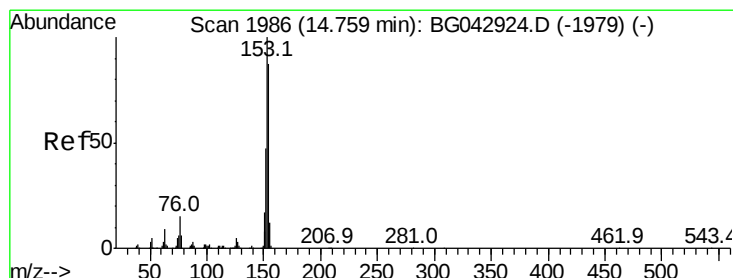
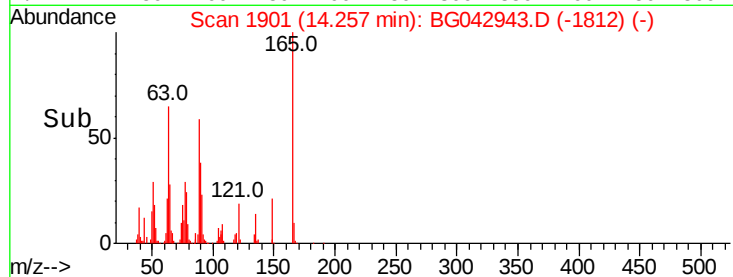
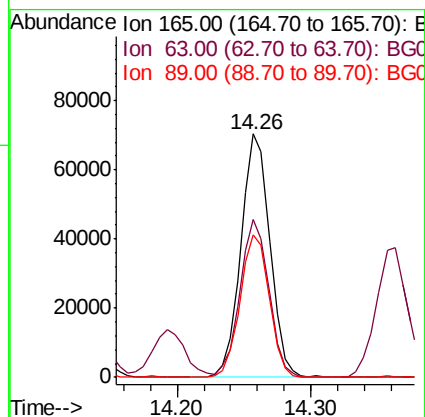
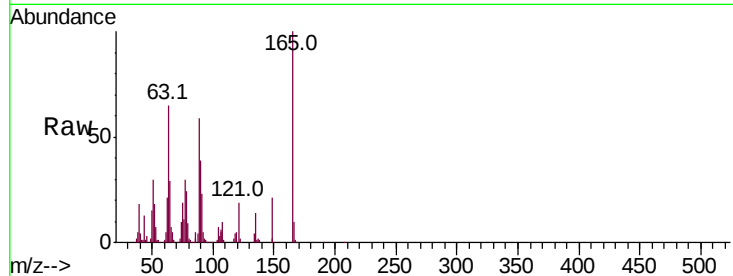
ClientSampleId :

20190708-RR-COMPOSITE-8MS

Tot Ion:	165	Resp:	105207
Ion Ratio	Lower	Upper	
165	100		
63	64.9	50.3	75.5
89	58.8	48.9	73.3

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#52

Acenaphthene

Concen: 34.200 ng

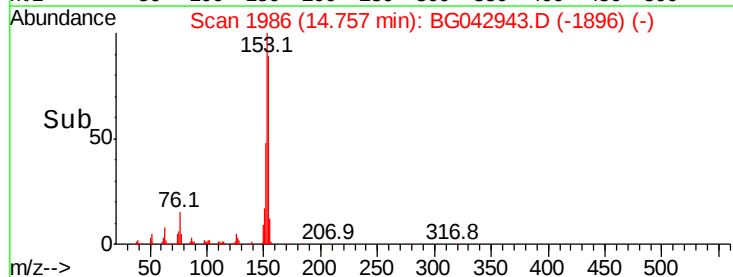
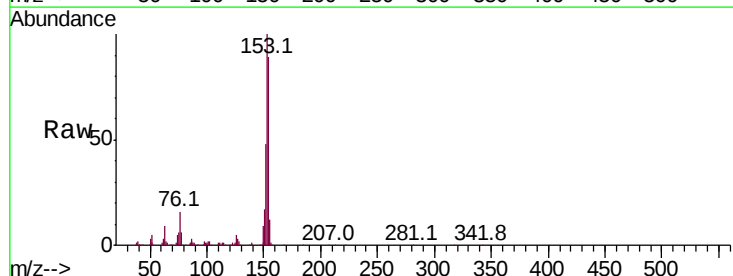
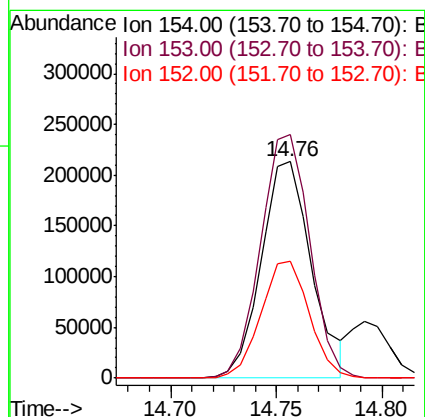
RT: 14.76 min Scan# 1986

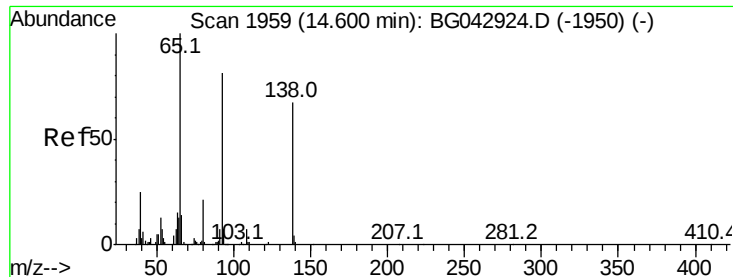
Delta R.T. -0.00 min

Lab File: BG042943.D

Acq: 30 Sep 2019 15:06

Tgt Ion:	154	Resp:	352733
Ion Ratio	Lower	Upper	
154	100		
153	112.5	91.4	137.0
152	54.2	42.8	64.2





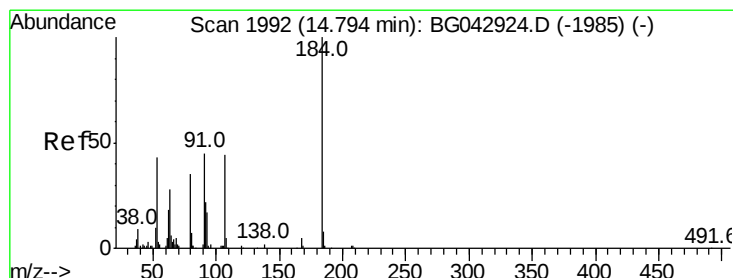
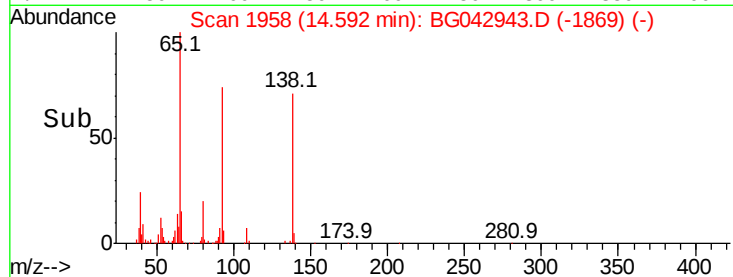
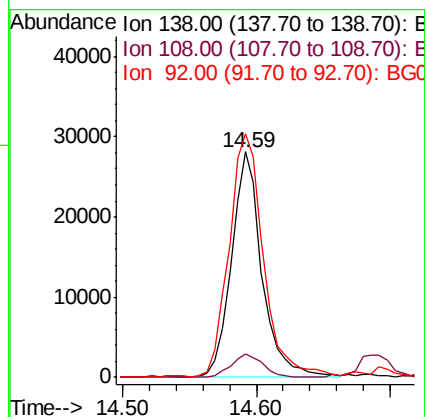
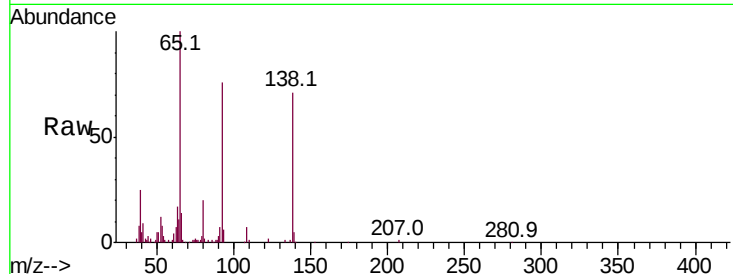
#53
 3-Nitroaniline
 Concen: 15.332 ng
 RT: 14.59 min Scan# 1958
 Delta R.T. -0.01 min
 Lab File: BG042943.D
 Acq: 30 Sep 2019 15:06

Instrument :
 BNA_G
 ClientSampleId :
 20190708-RR-COMPOSITE-8MS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.2	7.9	11.9
92	108.0	97.0	145.6

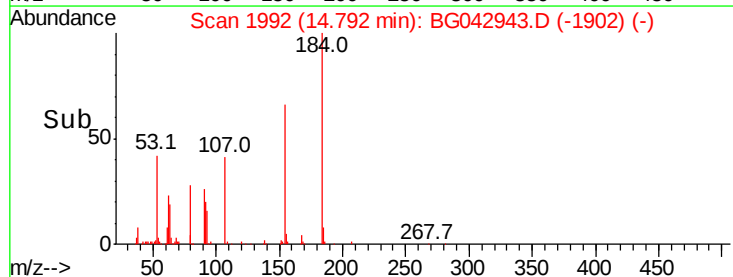
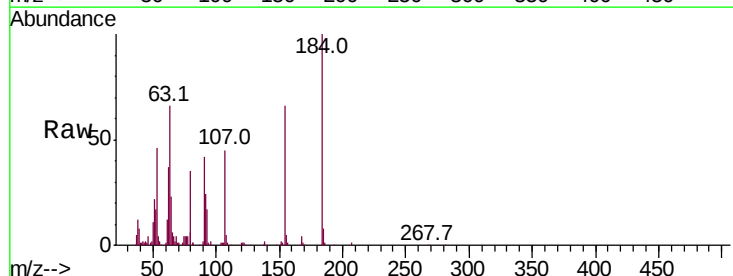
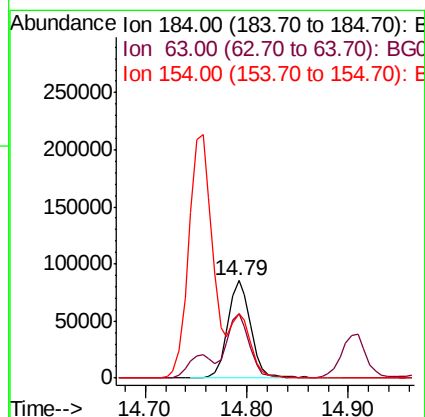
Manual Integrations
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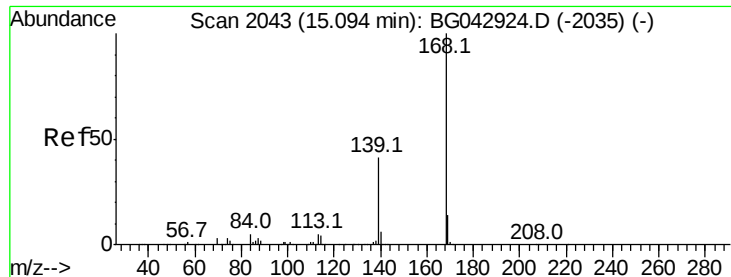
mohammad
 10/2/2019 8:33:13 AM



#54
 2,4-Dinitrophenol
 Concen: 76.851 ng
 RT: 14.79 min Scan# 1992
 Delta R.T. -0.00 min
 Lab File: BG042943.D
 Acq: 30 Sep 2019 15:06

Tgt Ion	Ratio	Lower	Upper
184	100		
63	65.6	55.0	82.6
154	65.7	56.5	84.7





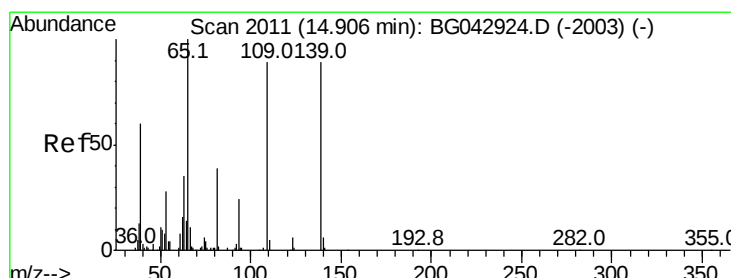
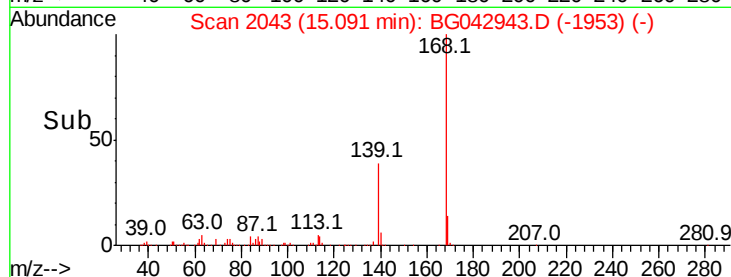
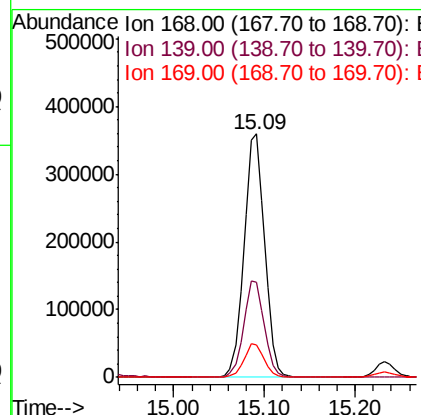
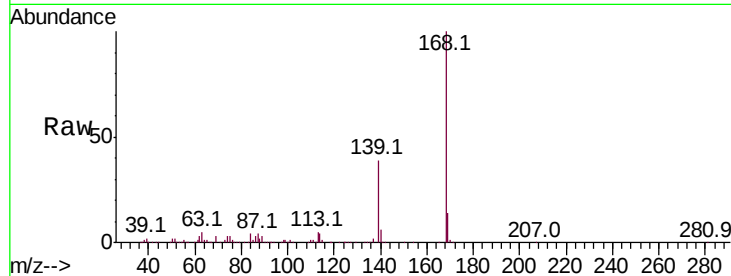
#55
Dibenzenofuran
Concen: 37.195 ng
RT: 15.09 min Scan# 2043
Delta R.T. -0.00 min
Lab File: BG042943.D
Acq: 30 Sep 2019 15:06

Instrument :
BNA_G
ClientSampleId :
20190708-RR-COMPOSITE-8MS

Tot Ion	Ratio	Resp	Lower	Upper
168	100			
139	39.1	32.6	48.8	
169	13.6	11.2	16.8	

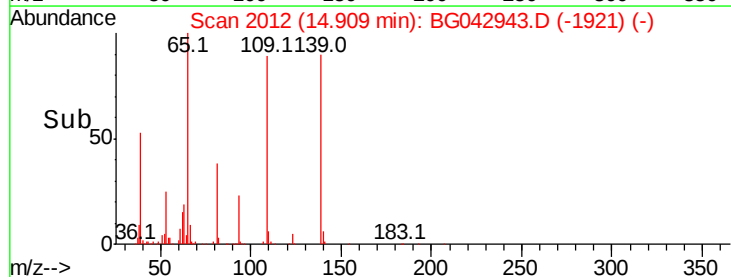
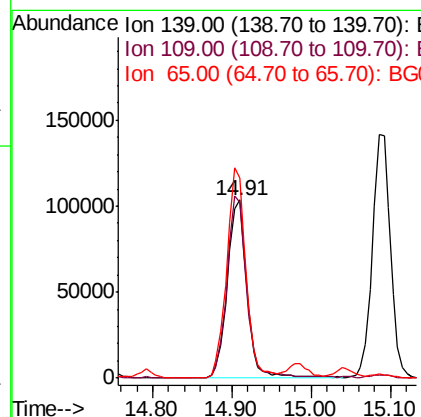
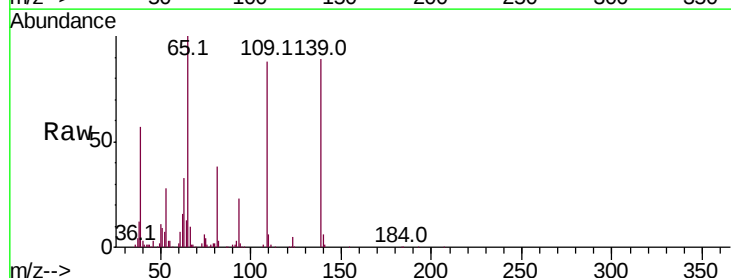
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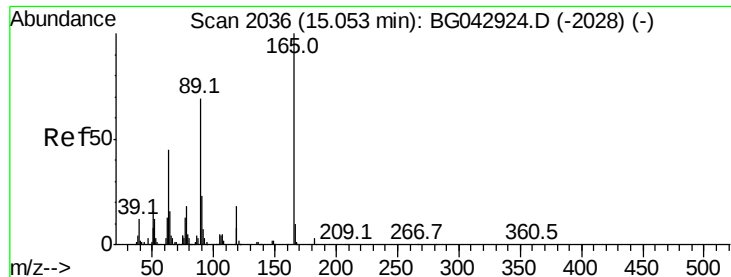
mohammad
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#56
4-Nitrophenol
Concen: 80.611 ng
RT: 14.91 min Scan# 2012
Delta R.T. 0.00 min
Lab File: BG042943.D
Acq: 30 Sep 2019 15:06

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	99.0	79.4	119.4	
65	112.5	92.5	132.5	





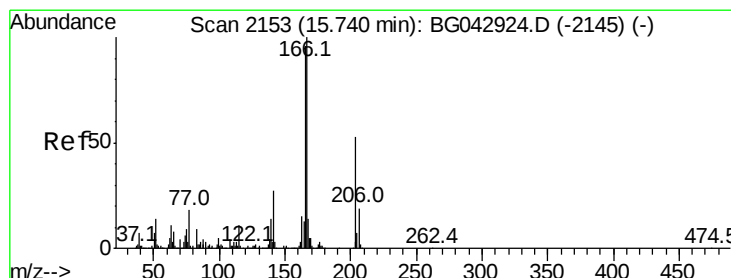
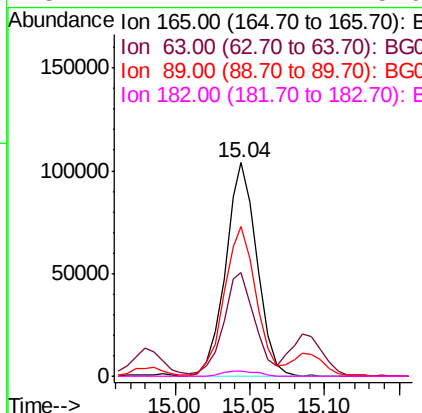
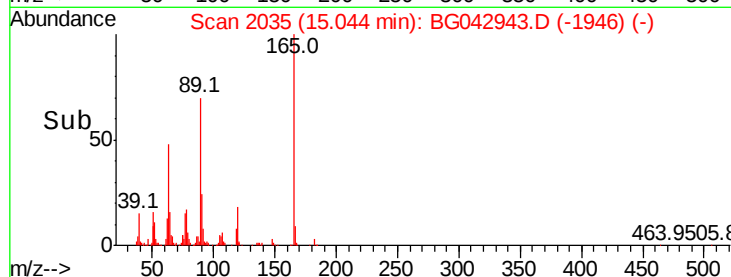
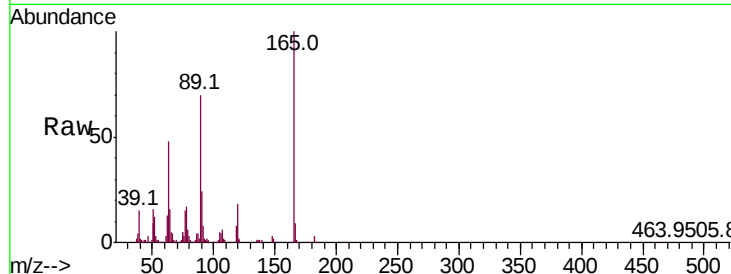
#57
2,4-Dinitrotoluene
Concen: 36.768 ng
RT: 15.04 min Scan# 2035
Delta R.T. -0.01 min
Lab File: BG042943.D
Acq: 30 Sep 2019 15:06

Instrument :
BNA_G
ClientSampleId :
20190708-RR-COMPOSITE-8MS

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	48.4	36.5	54.7	
89	70.4	55.5	83.3	
182	2.7	2.4	3.6	

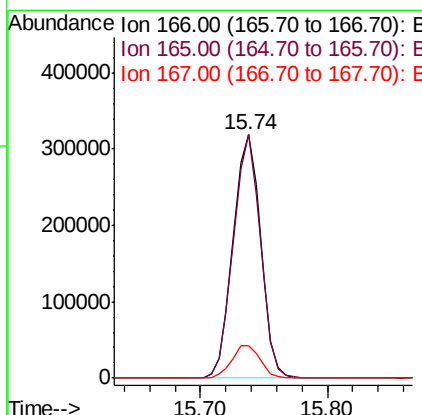
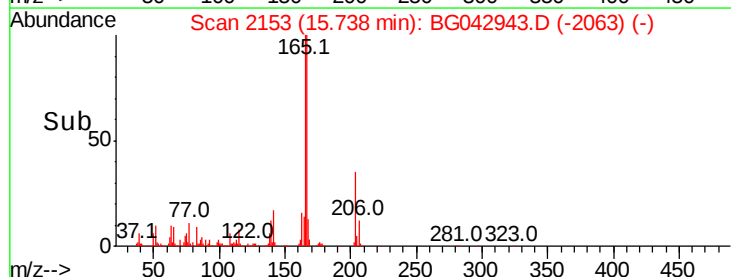
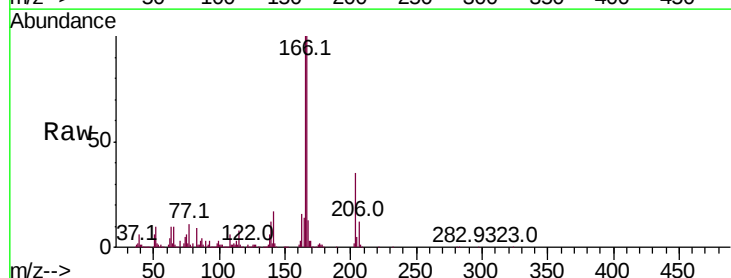
Manual Integrations
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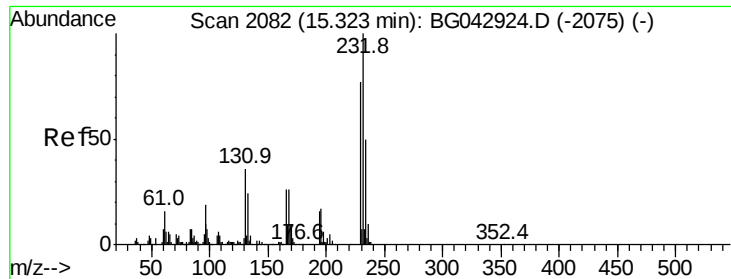
mohammad
10/2/2019 8:33:13 AM



#58
Fluorene
Concen: 36.832 ng
RT: 15.74 min Scan# 2153
Delta R.T. -0.00 min
Lab File: BG042943.D
Acq: 30 Sep 2019 15:06

Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	99.9	77.1	115.7	
167	13.1	11.0	16.6	





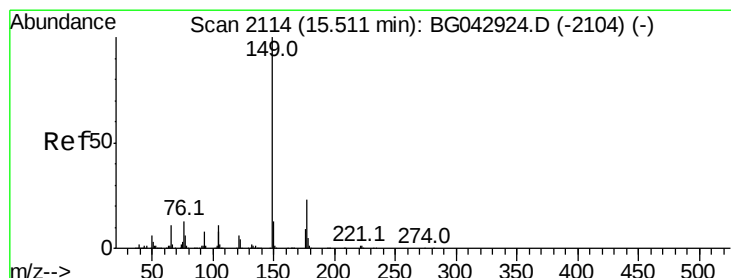
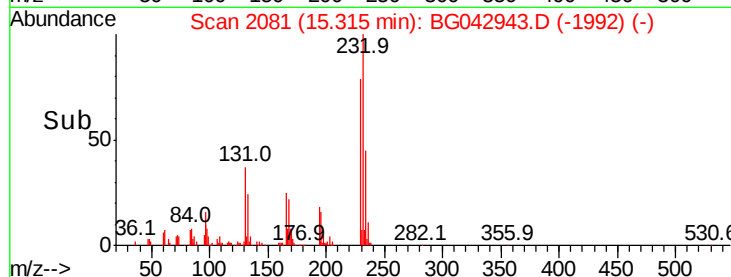
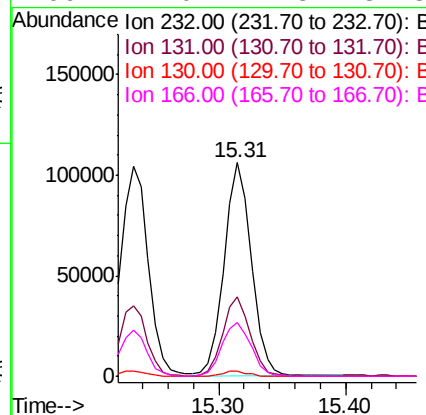
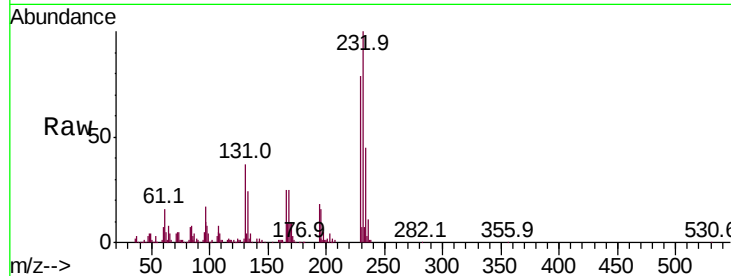
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 36.889 ng
 RT: 15.31 min Scan# 2081
 Delta R.T. -0.01 min
 Lab File: BG042943.D
 Acq: 30 Sep 2019 15:06

Instrument :
 BNA_G
 ClientSampleId :
 20190708-RR-COMPOSITE-8MS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	157711		
131	37.5	29.6	44.4	
130	2.2	1.9	2.9	
166	27.0	21.8	32.8	

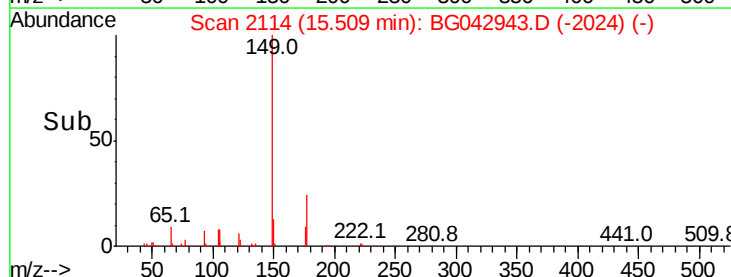
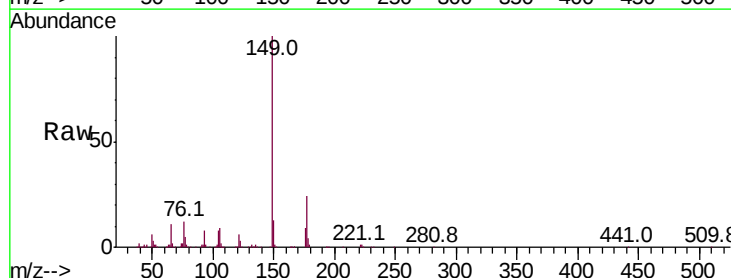
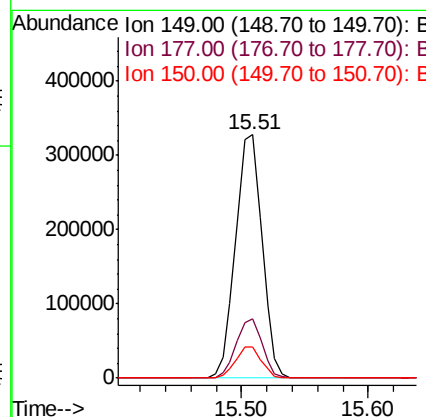
Manual Integrations
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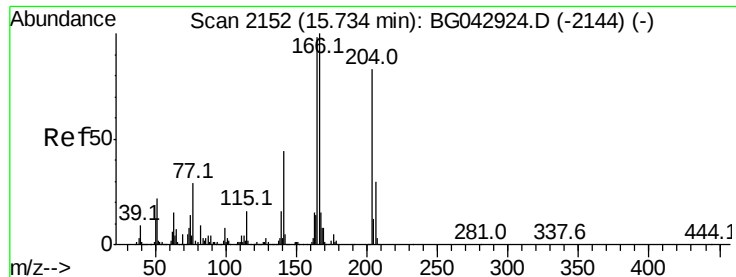
mohammad
 10/2/2019 8:33:13 AM



#60
 Diethylphthalate
 Concen: 35.037 ng
 RT: 15.51 min Scan# 2114
 Delta R.T. -0.00 min
 Lab File: BG042943.D
 Acq: 30 Sep 2019 15:06

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	473184		
177	24.1	18.8	28.2	
150	12.6	10.6	15.8	





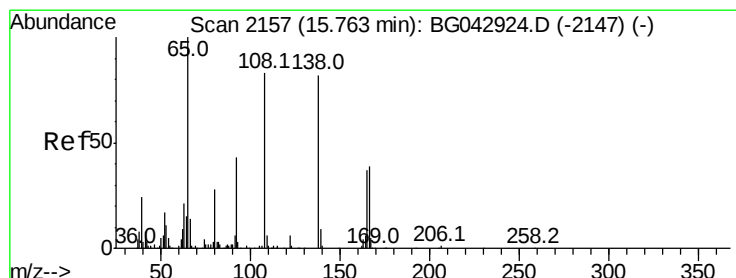
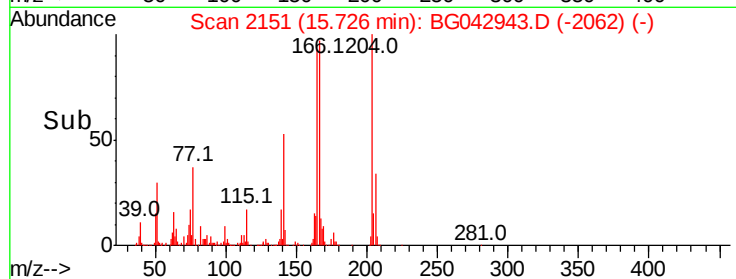
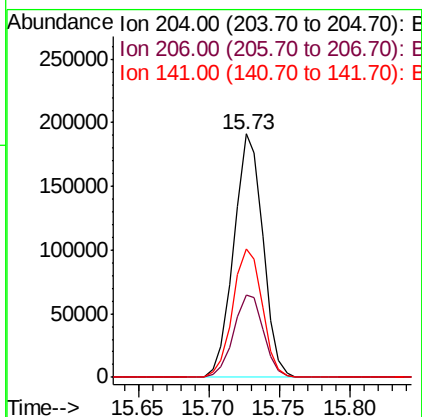
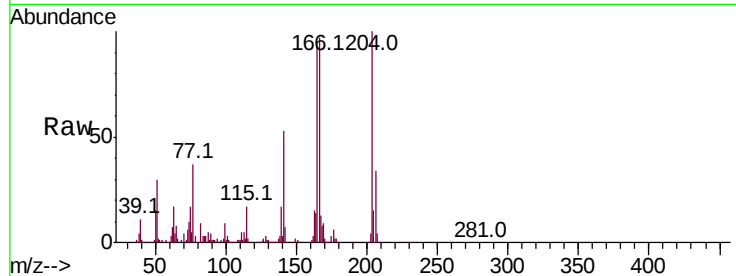
#61
4-Chlorophenyl-phenylether
Concen: 35.115 ng
RT: 15.73 min Scan# 2151
Delta R.T. -0.01 min
Lab File: BG042943.D
Acq: 30 Sep 2019 15:06

Instrument :
BNA_G
ClientSampleId :
20190708-RR-COMPOSITE-8MS

Tot Ion	Ratio	Resp	Lower	Upper
204	100	274321		
206	33.6		28.5	42.7
141	52.8		42.4	63.6

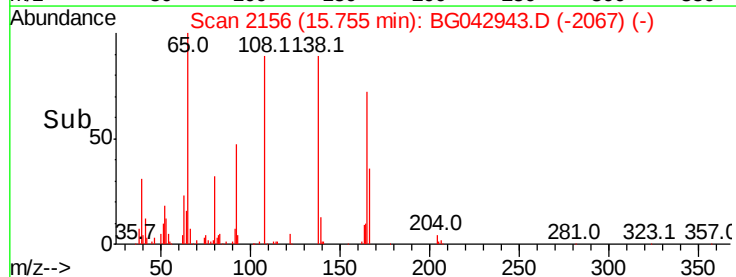
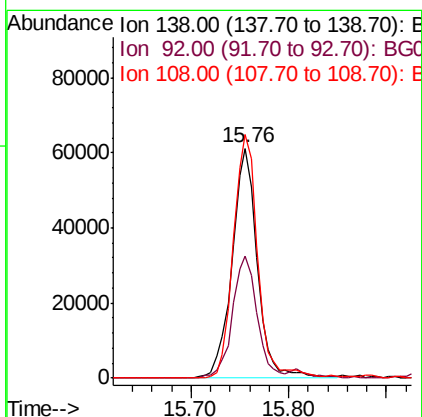
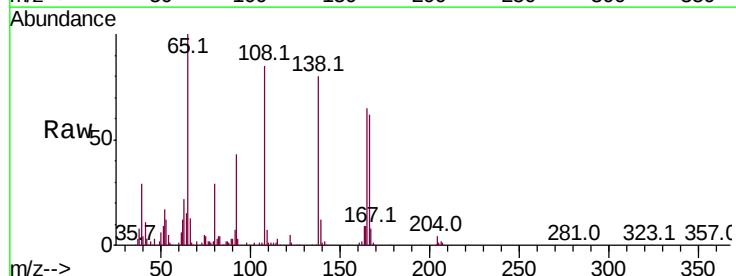
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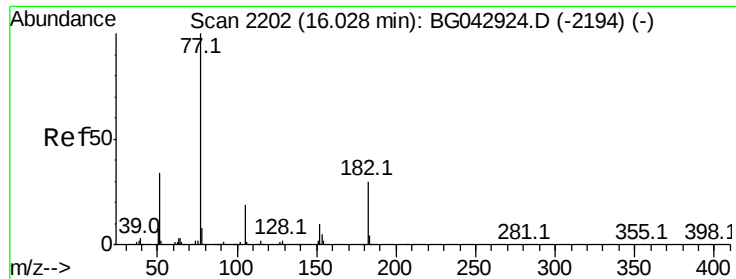
mohammad
10/2/2019 8:33:13 AM



#62
4-Nitroaniline
Concen: 34.584 ng
RT: 15.76 min Scan# 2156
Delta R.T. -0.01 min
Lab File: BG042943.D
Acq: 30 Sep 2019 15:06

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	110160		
92	52.9		32.9	72.9
108	106.0		81.3	121.3





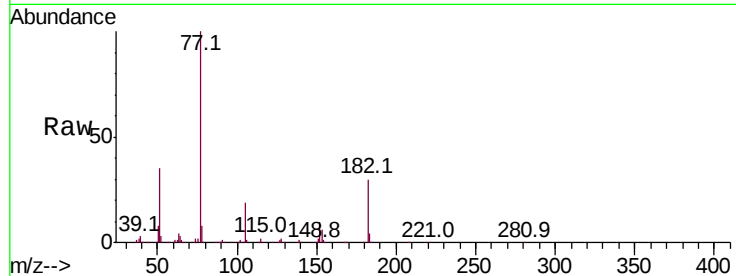
#63
Azobenzene
Concen: 36.435 ng
RT: 16.02 min Scan# 2201
Delta R.T. -0.01 min
Lab File: BG042943.D
Acq: 30 Sep 2019 15:06

Instrument :
BNA_G
ClientSampleId :
20190708-RR-COMPOSITE-8MS

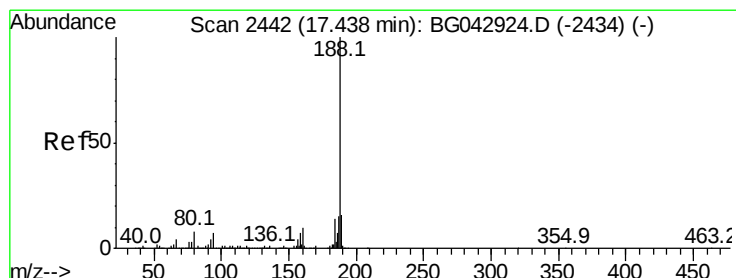
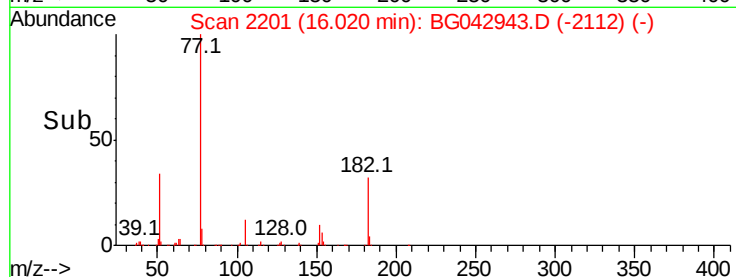
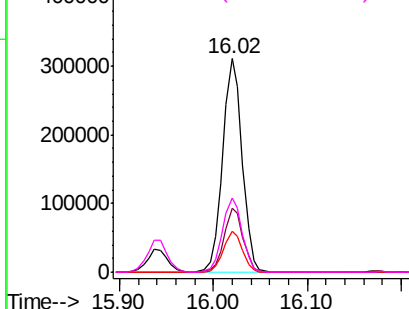
Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		447996		
182	30.2	10.2	50.2		
105	19.1	0.0	39.1		
51	35.0	13.9	53.9		

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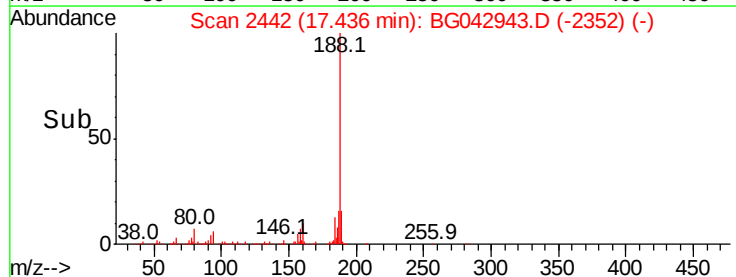
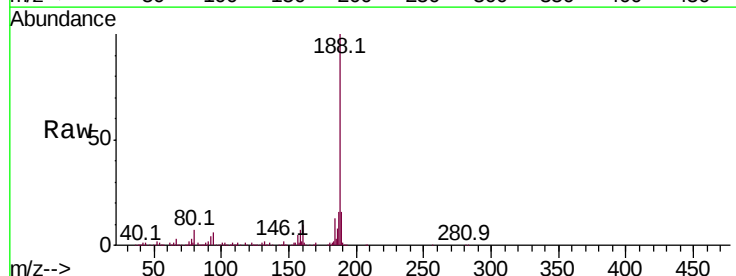
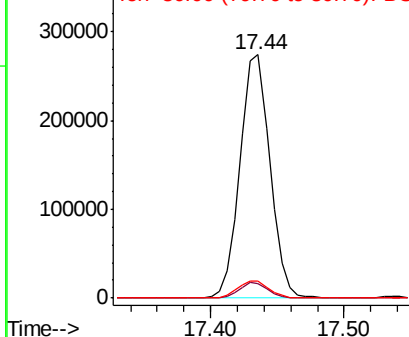
Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

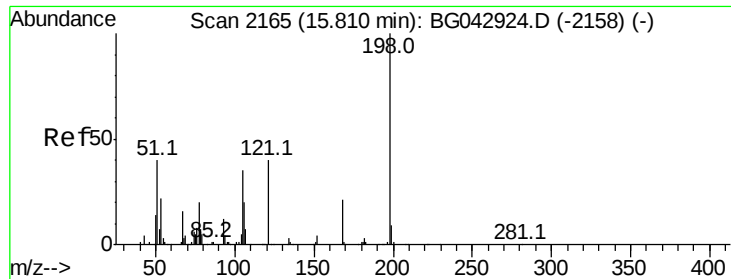


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.44 min Scan# 2442
Delta R.T. -0.00 min
Lab File: BG042943.D
Acq: 30 Sep 2019 15:06

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		425366		
94	5.8	5.7	8.5		
80	7.0	6.5	9.7		

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





#65

4,6-Dinitro-2-methylphenol

Concen: 39.688 ng

RT: 15.81 min Scan# 2165

Delta R.T. -0.00 min

Lab File: BG042943.D

Acq: 30 Sep 2019 15:06

Instrument :

BNA_G

ClientSampleId :

20190708-RR-COMPOSITE-8MS

Tot Ion:198 Resp: 95528

Ion Ratio Lower Upper

198 100

51 45.2 25.3 65.3

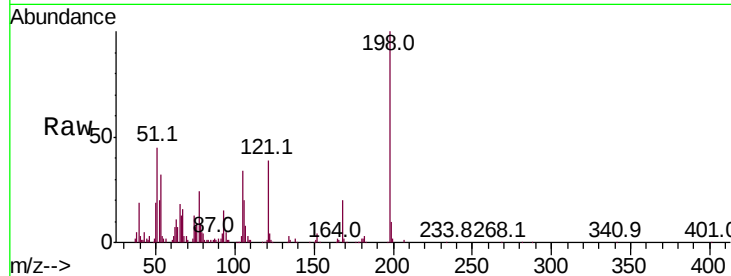
105 34.0 16.6 56.6

Manual Integrations

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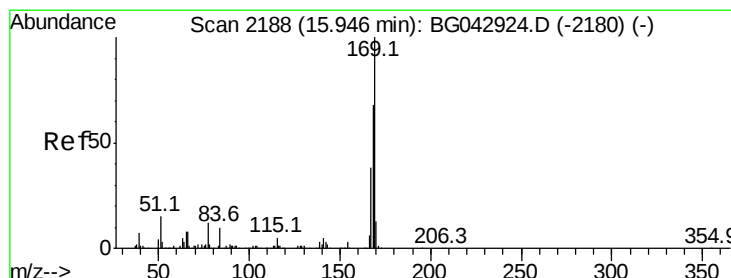
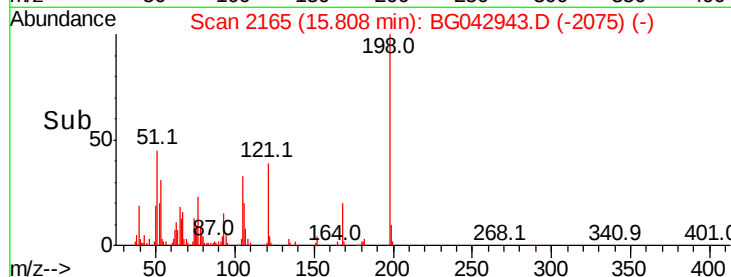
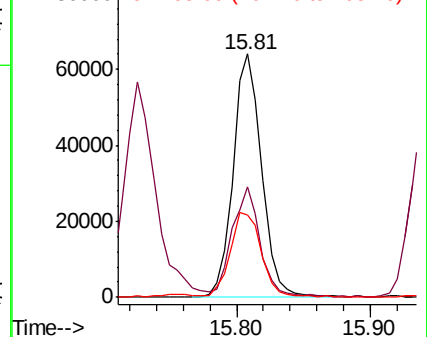
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 37.522 ng

RT: 15.94 min Scan# 2188

Delta R.T. -0.00 min

Lab File: BG042943.D

Acq: 30 Sep 2019 15:06

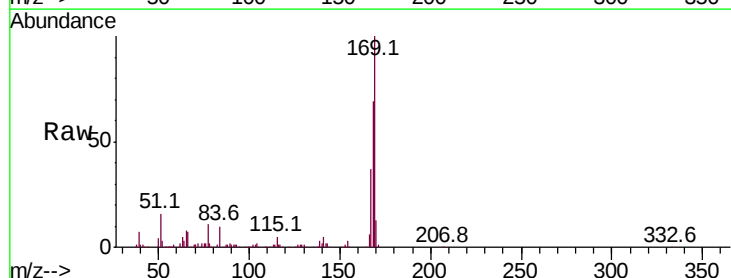
Tgt Ion:169 Resp: 421337

Ion Ratio Lower Upper

169 100

168 69.3 54.8 82.2

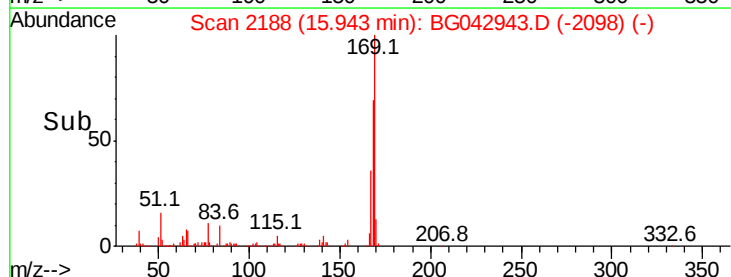
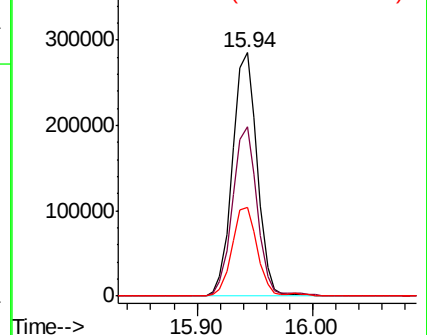
167 36.5 30.6 46.0

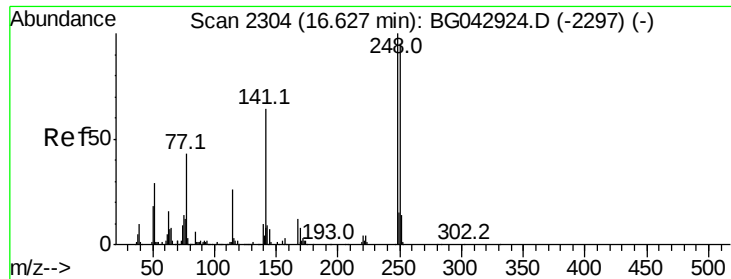


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





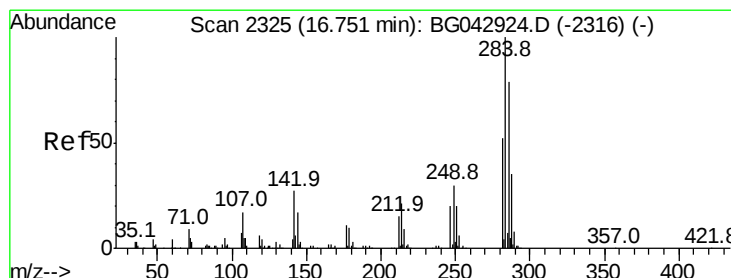
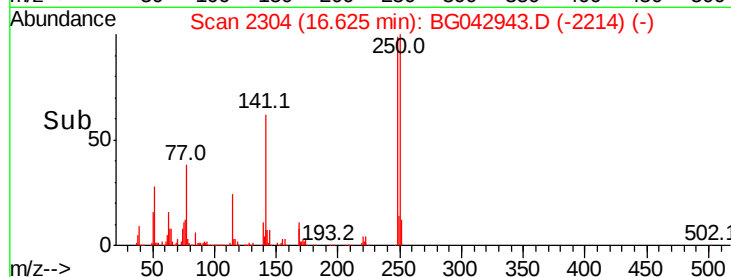
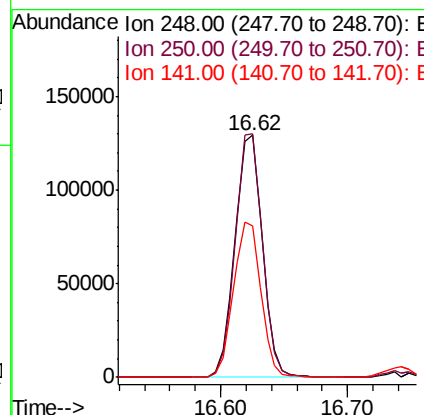
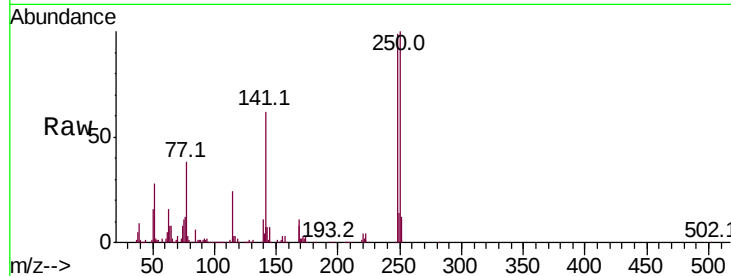
#67
 4-Bromophenyl-phenylether
 Concen: 36.294 ng
 RT: 16.62 min Scan# 2304
 Delta R.T. -0.00 min
 Lab File: BG042943.D
 Acq: 30 Sep 2019 15:06

Instrument :
 BNA_G
 ClientSampleId :
 20190708-RR-COMPOSITE-8MS

Tot Ion	Ratio	Lower	Upper
248	100		
250	100.6	75.8	113.8
141	62.9	51.1	76.7

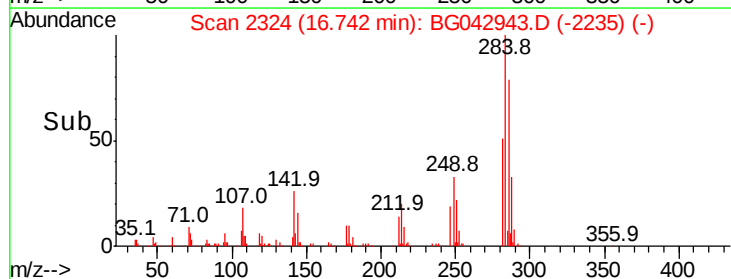
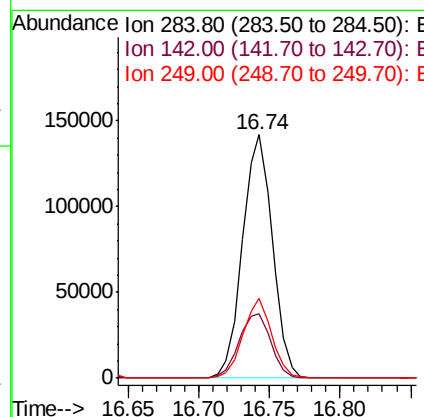
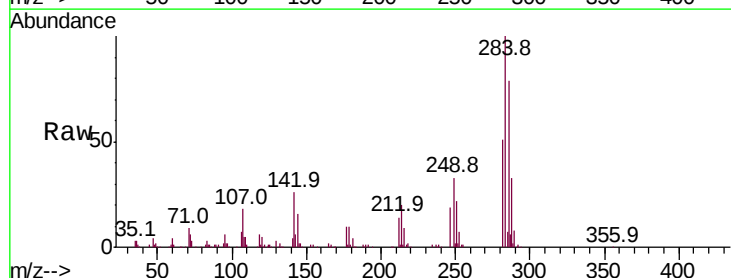
Manual Integrations
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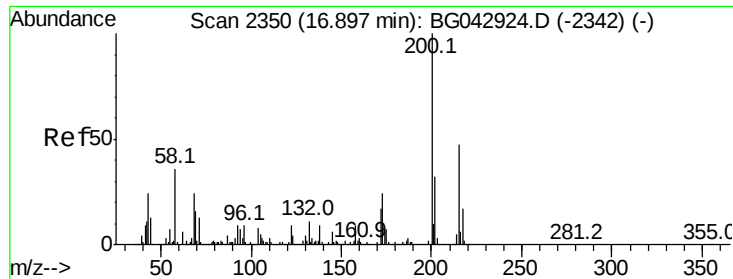
mohammad
 10/2/2019 8:33:13 AM



#68
 Hexachlorobenzene
 Concen: 35.360 ng
 RT: 16.74 min Scan# 2324
 Delta R.T. -0.01 min
 Lab File: BG042943.D
 Acq: 30 Sep 2019 15:06

Tgt Ion	Ratio	Lower	Upper
284	100		
142	26.4	21.6	32.4
249	32.6	24.1	36.1





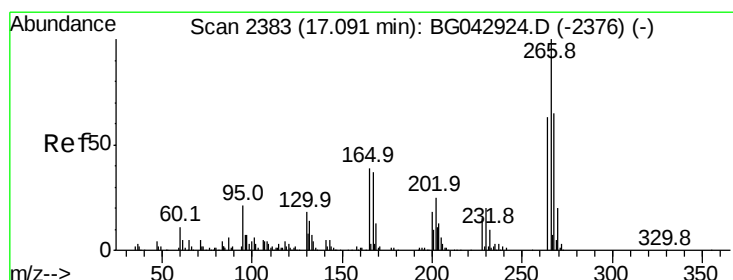
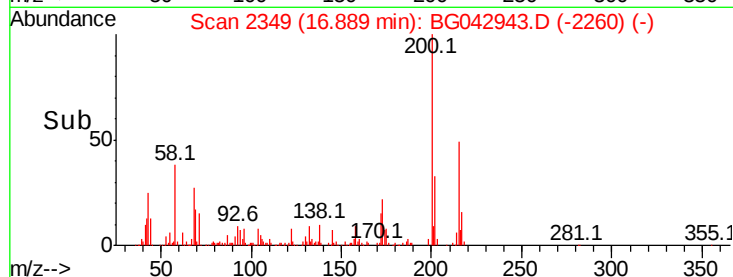
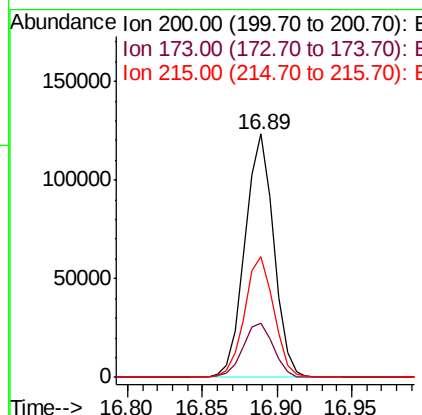
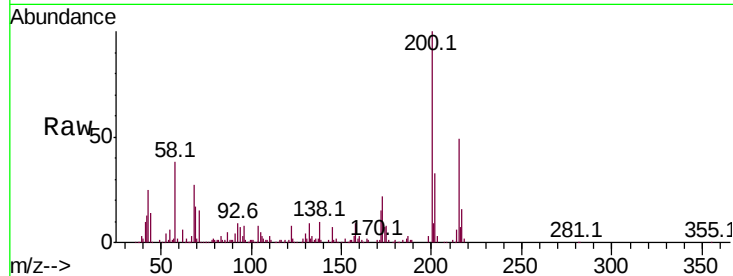
#69
Atrazine
Concen: 34.816 ng
RT: 16.89 min Scan# 2349
Delta R.T. -0.01 min
Lab File: BG042943.D
Acq: 30 Sep 2019 15:06

Instrument :
BNA_G
ClientSampleId :
20190708-RR-COMPOSITE-8MS

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	22.5	4.0	44.0
215	49.4	27.4	67.4

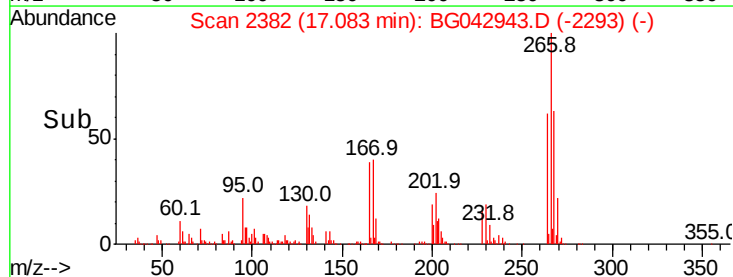
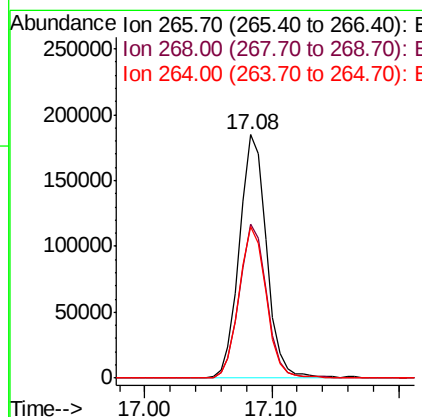
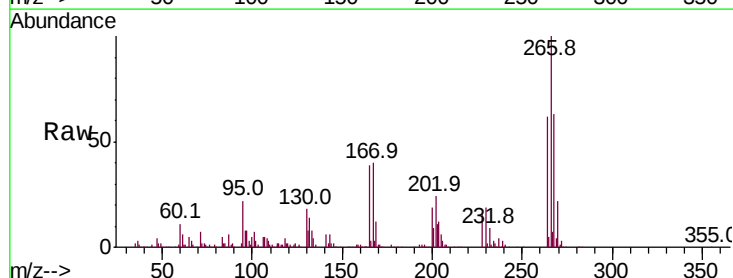
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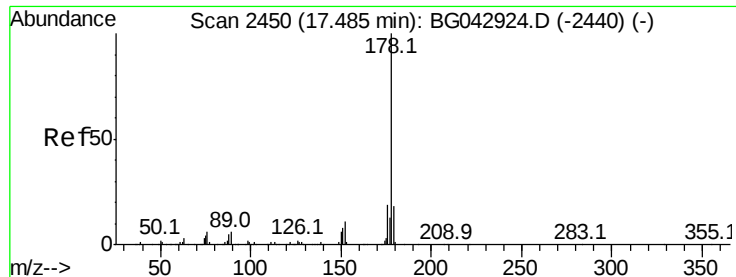
mohammad
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#70
Pentachlorophenol
Concen: 79.805 ng
RT: 17.08 min Scan# 2382
Delta R.T. -0.01 min
Lab File: BG042943.D
Acq: 30 Sep 2019 15:06

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	63.5	52.2	78.2
264	62.2	50.7	76.1





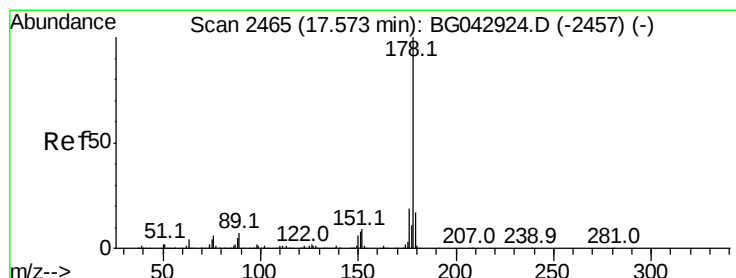
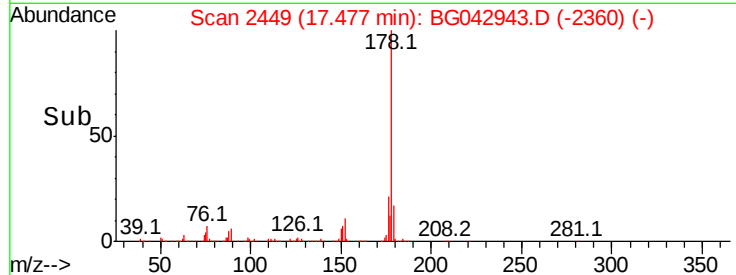
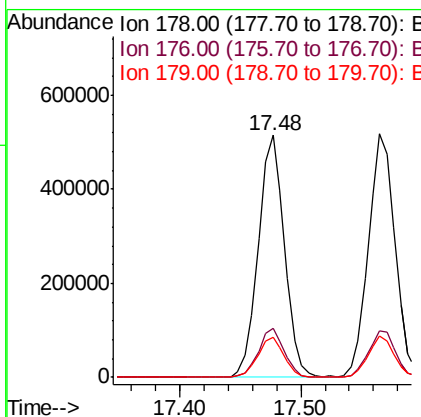
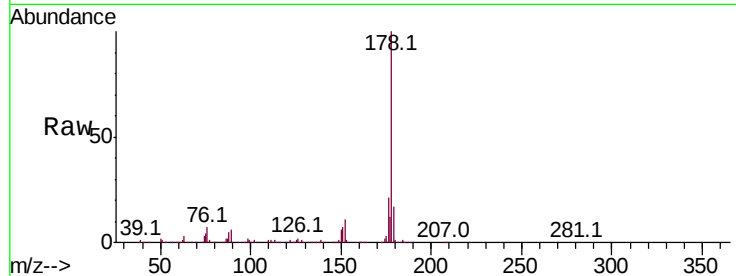
#71
Phenanthrene
Concen: 37.155 ng
RT: 17.48 min Scan# 2449
Delta R.T. -0.01 min
Lab File: BG042943.D
Acq: 30 Sep 2019 15:06

Instrument :
BNA_G
ClientSampleId :
20190708-RR-COMPOSITE-8MS

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.5	15.1	22.7
179	16.8	14.1	21.1

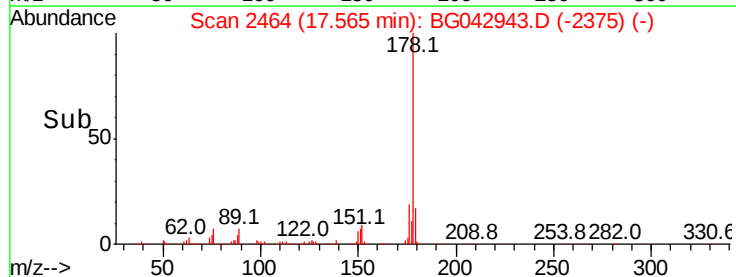
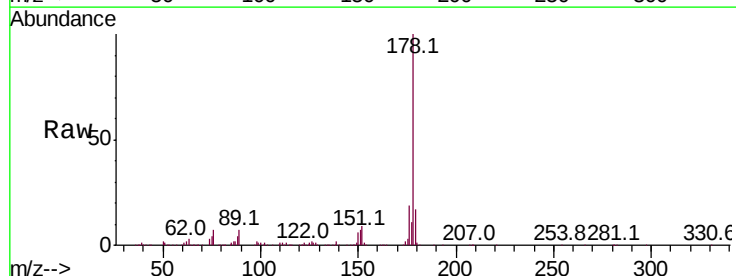
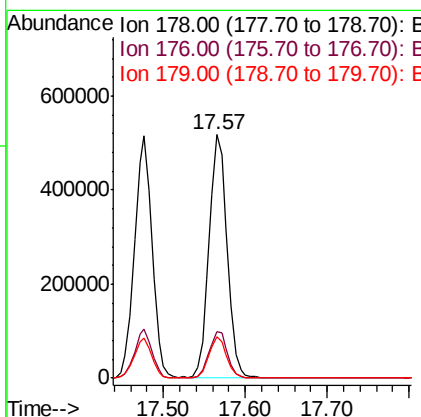
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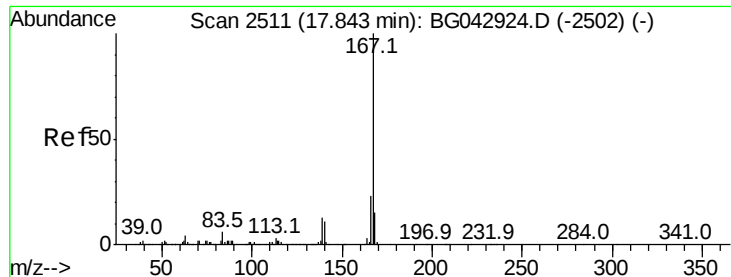
mohammad
10/2/2019 8:33:13 AM



#72
Anthracene
Concen: 38.437 ng
RT: 17.57 min Scan# 2464
Delta R.T. -0.01 min
Lab File: BG042943.D
Acq: 30 Sep 2019 15:06

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.5	23.3
179	16.8	13.5	20.3





#73

Carbazole

Concen: 38.115 ng

RT: 17.84 min Scan# 2510

Delta R.T. -0.01 min

Lab File: BG042943.D

Acq: 30 Sep 2019 15:06

Instrument :

BNA_G

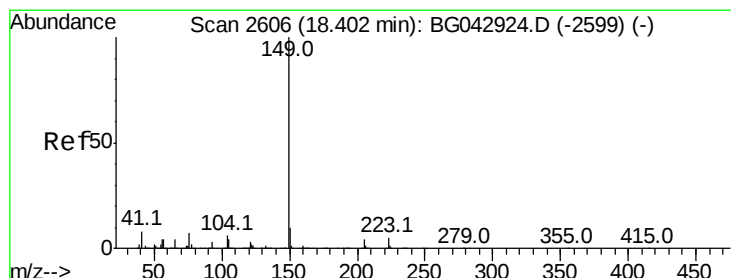
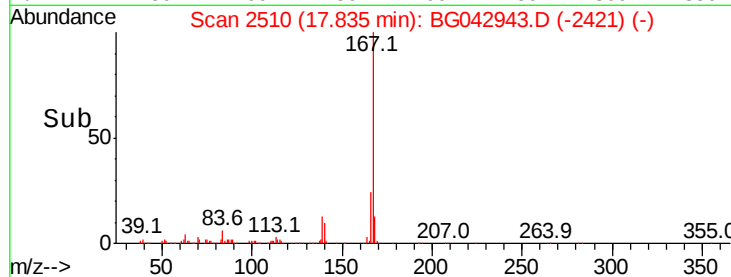
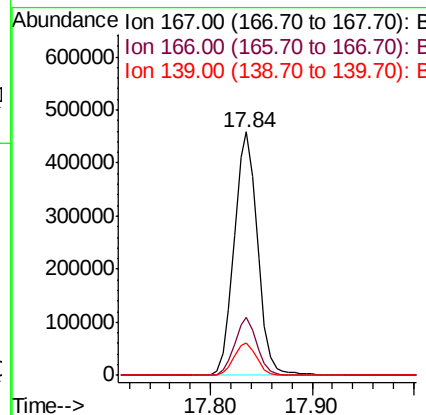
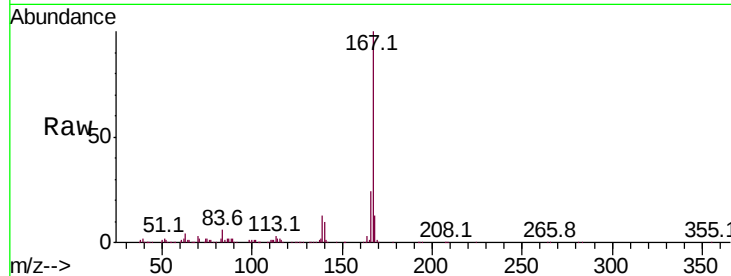
ClientSampleId :

20190708-RR-COMPOSITE-8MS

Tot Ion	Ratio	Resp	Lower	Upper
167	100			
166	23.8	18.6	28.0	
139	13.1	10.8	16.2	

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mohammad
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#74

Di-n-butylphthalate

Concen: 36.422 ng

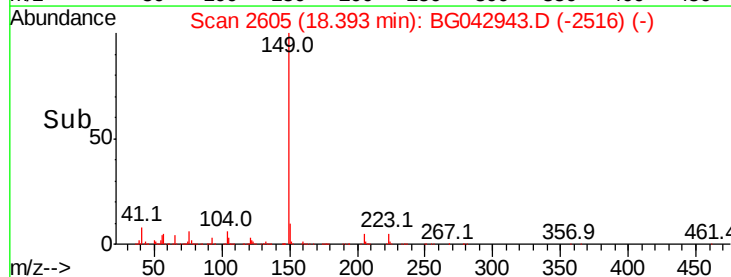
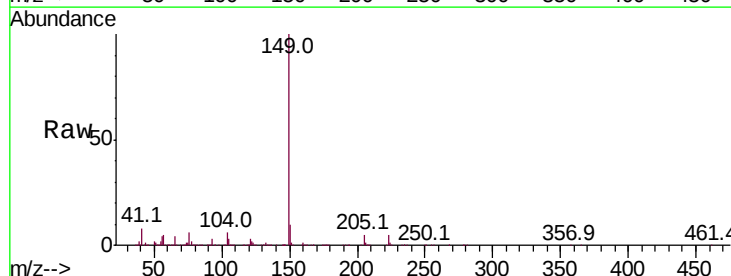
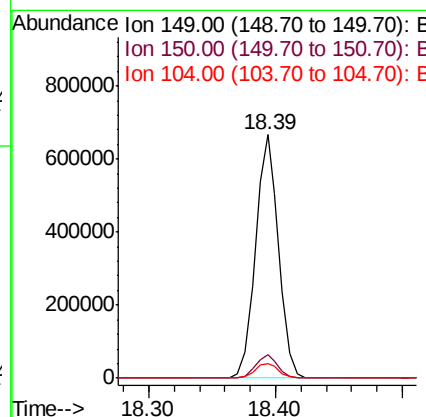
RT: 18.39 min Scan# 2605

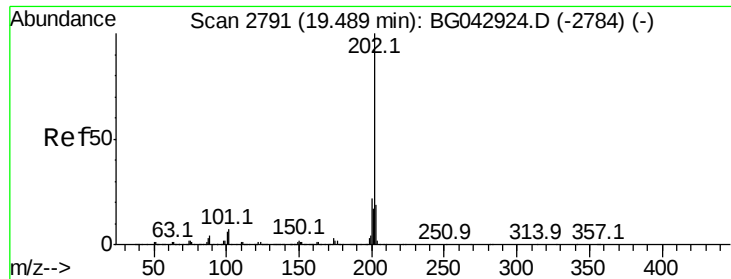
Delta R.T. -0.01 min

Lab File: BG042943.D

Acq: 30 Sep 2019 15:06

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
150	9.9	7.7	11.5	
104	6.1	5.0	7.6	





#75

Fluoranthene

Concen: 38.257 ng

RT: 19.48 min Scan# 2790

Delta R.T. -0.01 min

Lab File: BG042943.D

Acq: 30 Sep 2019 15:06

Instrument :

BNA_G

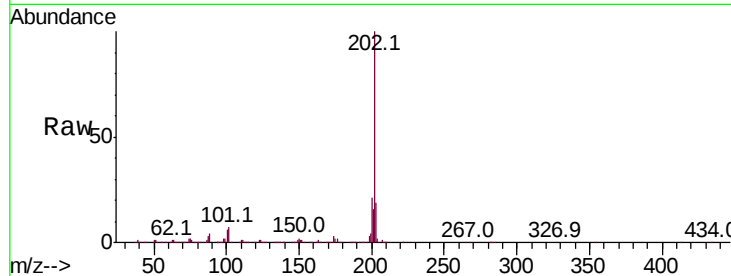
ClientSampleId :

20190708-RR-COMPOSITE-8MS

Tot Ion	Ratio	Resp	Lower	Upper
202	100	1050810		
101	7.1		0.0	27.3
203	19.3		0.0	39.5

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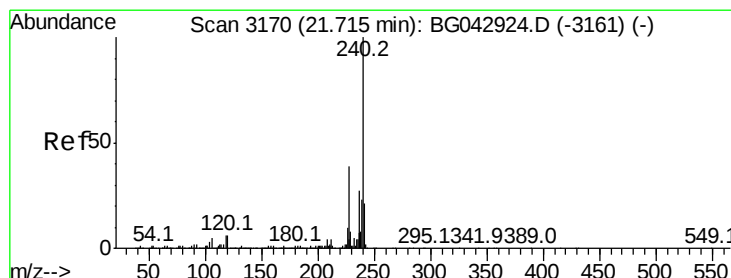
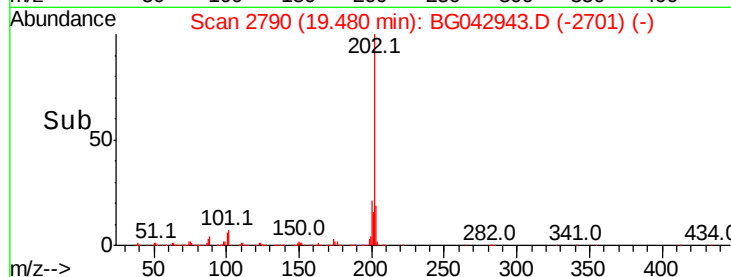
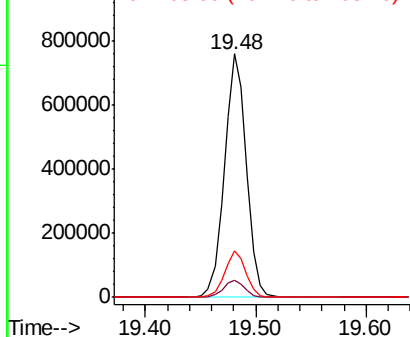


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

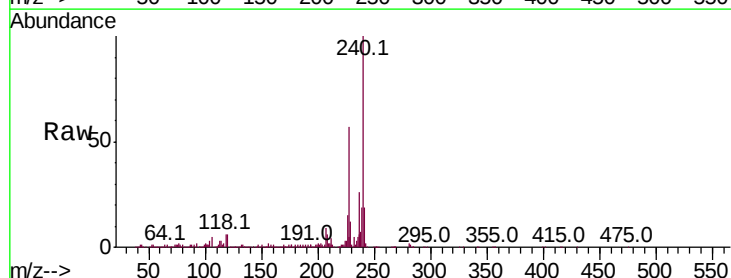
RT: 21.70 min Scan# 3168

Delta R.T. -0.01 min

Lab File: BG042943.D

Acq: 30 Sep 2019 15:06

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	481304		
120	5.8		4.8	7.2
236	25.6		21.4	32.0

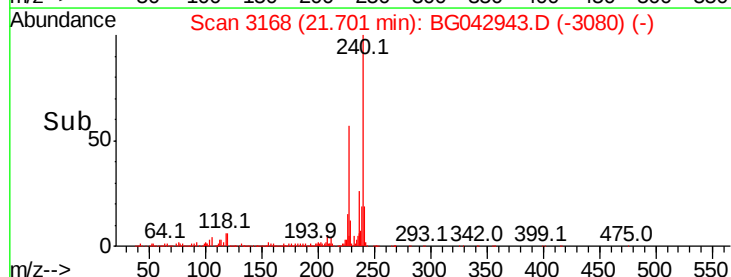
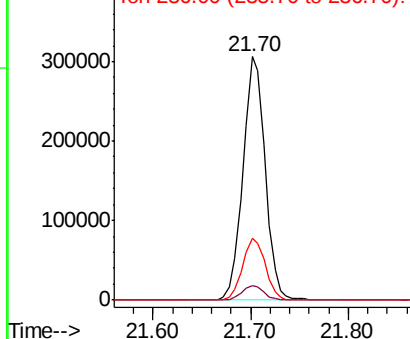


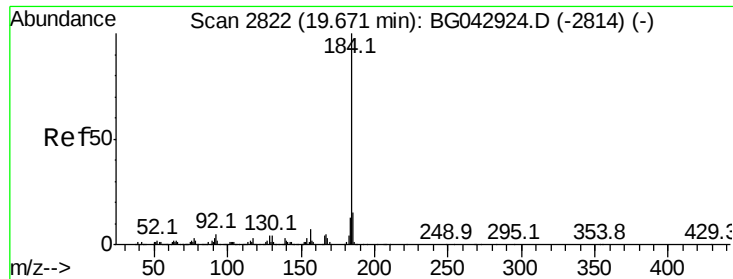
Abundance

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: 43.015 ng

RT: 19.66 min Scan# 2821

Delta R.T. -0.01 min

Lab File: BG042943.D

Acq: 30 Sep 2019 15:06

Instrument :

BNA_G

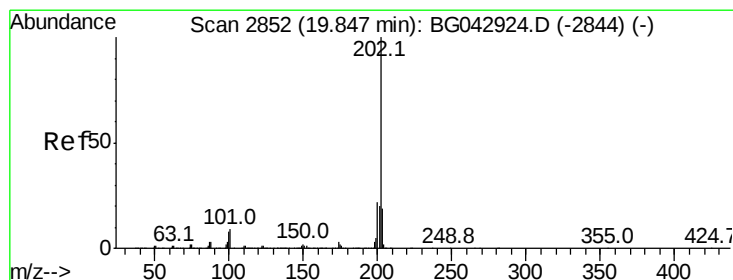
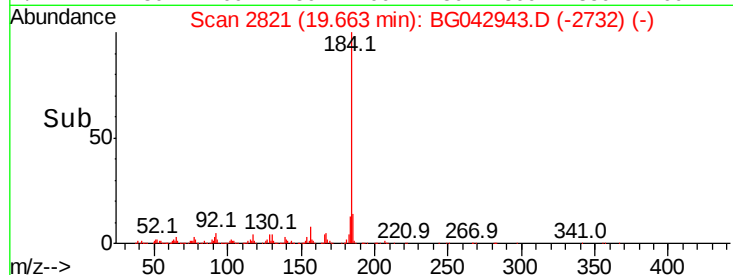
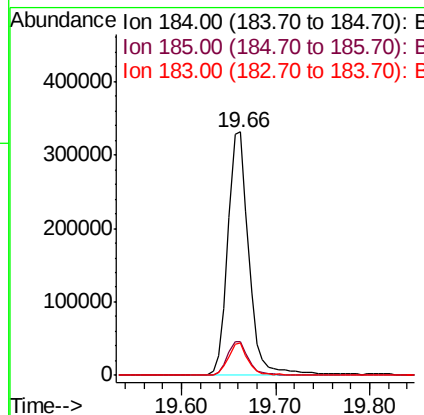
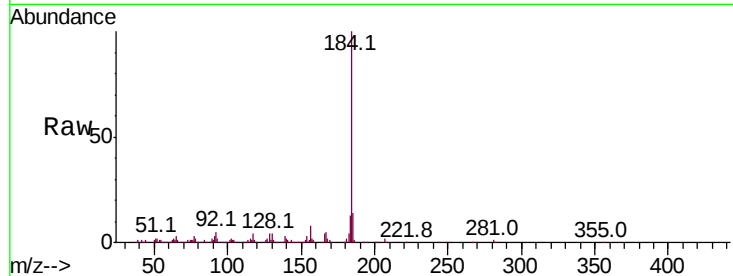
ClientSampleId :

20190708-RR-COMPOSITE-8MS

Tot Ion:	184	Resp:	518394
Ion Ratio	Lower	Upper	
184	100		
185	13.6	11.8	17.8
183	13.1	10.1	15.1

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#78

Pyrene

Concen: 37.169 ng

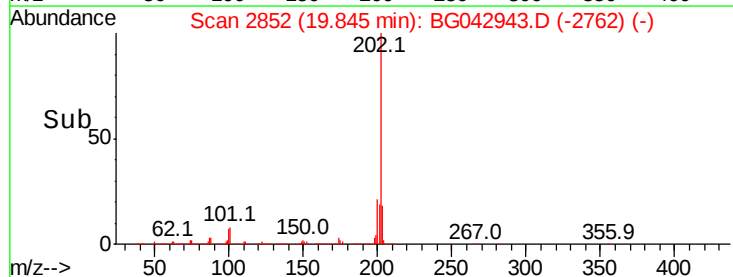
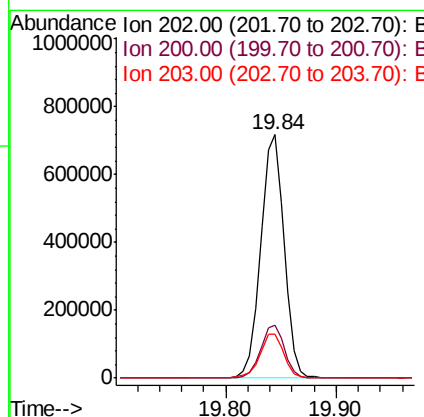
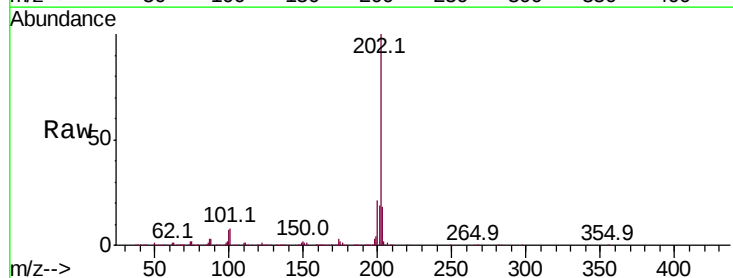
RT: 19.84 min Scan# 2852

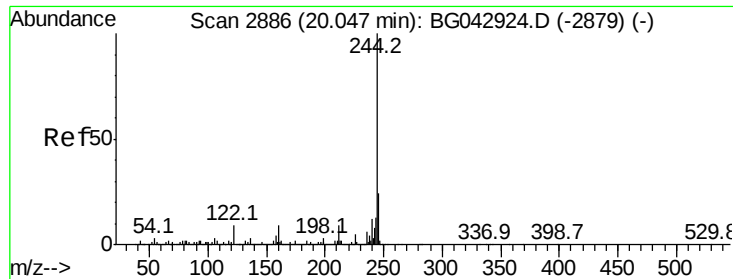
Delta R.T. -0.00 min

Lab File: BG042943.D

Acq: 30 Sep 2019 15:06

Tgt Ion:	202	Resp:	1067758
Ion Ratio	Lower	Upper	
202	100		
200	21.5	17.6	26.4
203	18.3	15.2	22.8





#79

Terphenyl-d14

Concen: 65.403 ng

RT: 20.04 min Scan# 2885

Delta R.T. -0.01 min

Lab File: BG042943.D

Acq: 30 Sep 2019 15:06

Instrument :

BNA_G

ClientSampleId :

20190708-RR-COMPOSITE-8MS

Tot Ion:244 Resp: 1477274

Ion Ratio Lower Upper

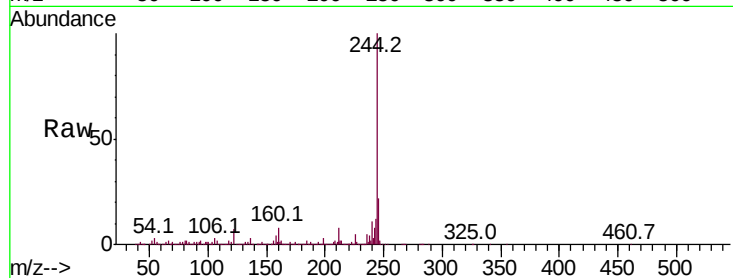
244 100

212 8.3 7.4 11.0

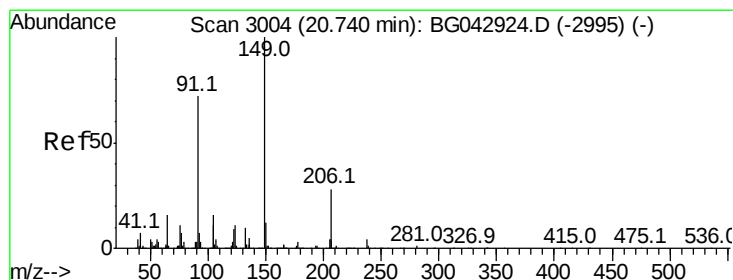
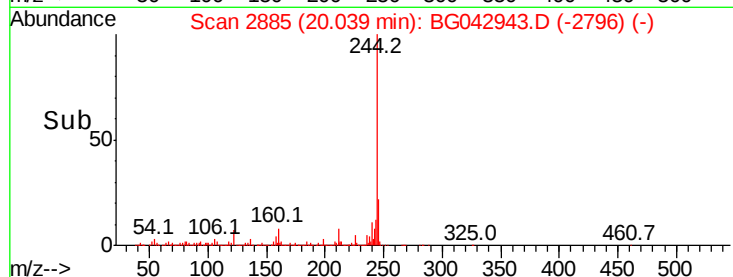
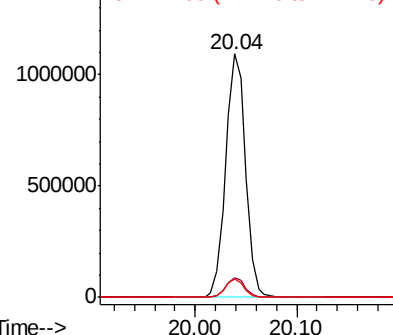
122 7.4 7.0 10.4

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Abundance Ion 244.00 (243.70 to 244.70): E
1500000
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 35.629 ng

RT: 20.73 min Scan# 3002

Delta R.T. -0.01 min

Lab File: BG042943.D

Acq: 30 Sep 2019 15:06

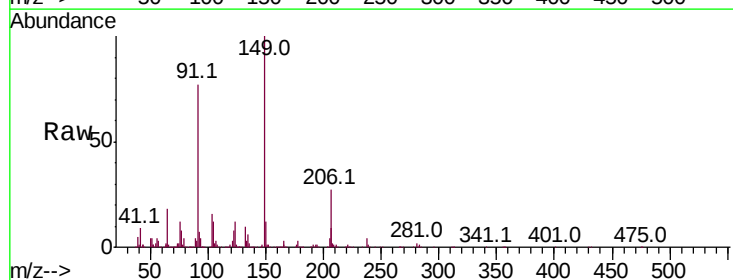
Tgt Ion:149 Resp: 388505

Ion Ratio Lower Upper

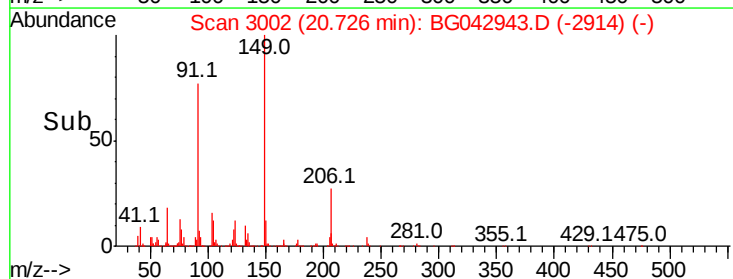
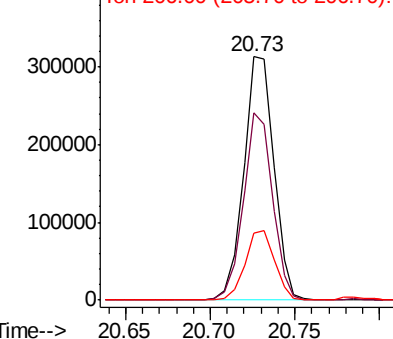
149 100

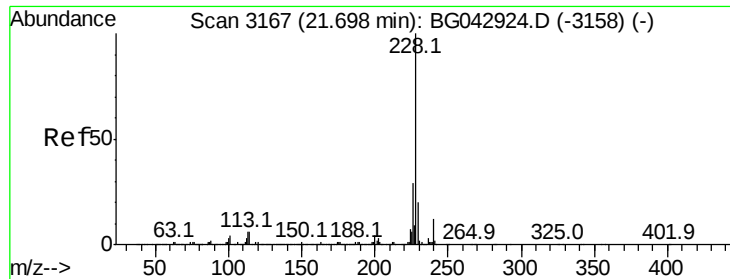
91 77.2 57.7 86.5

206 27.3 22.6 33.8



Abundance Ion 149.00 (148.70 to 149.70): E
400000
Ion 91.00 (90.70 to 91.70): BG
Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 37.075 ng

RT: 21.68 min Scan# 3165

Delta R.T. -0.01 min

Lab File: BG042943.D

Acq: 30 Sep 2019 15:06

Instrument :

BNA_G

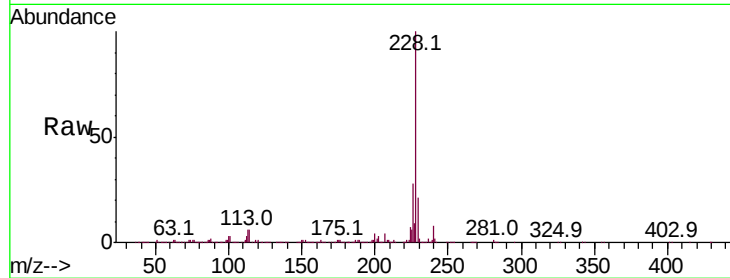
ClientSampleId :

20190708-RR-COMPOSITE-8MS

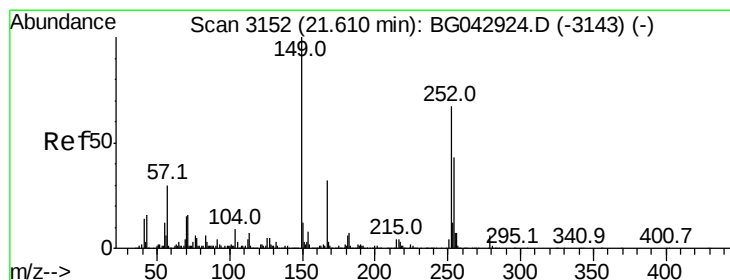
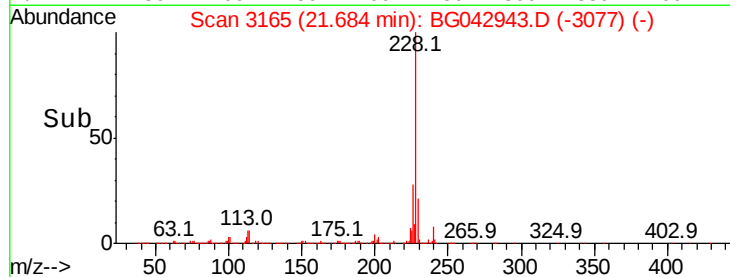
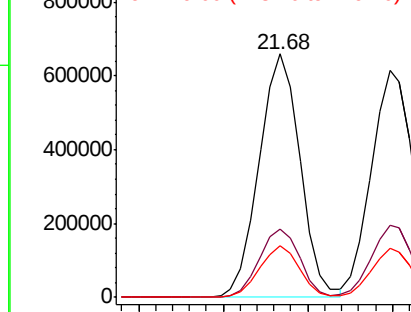
Tot Ion:	228	Resp:	1111872
Ion	Ratio	Lower	Upper
228	100		
226	28.3	23.0	34.4
229	21.1	16.3	24.5

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



#82

3,3'-Dichlorobenzidine

Concen: 14.763 ng

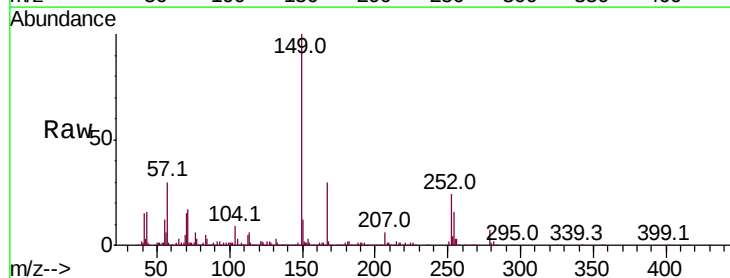
RT: 21.60 min Scan# 3150

Delta R.T. -0.01 min

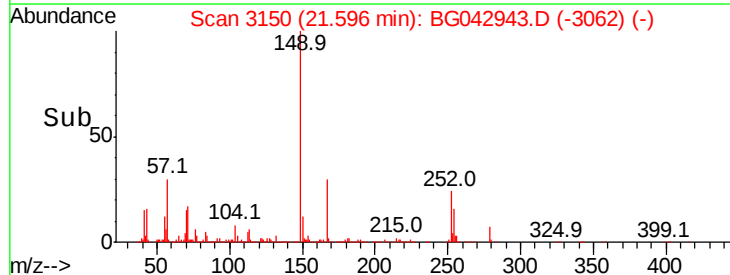
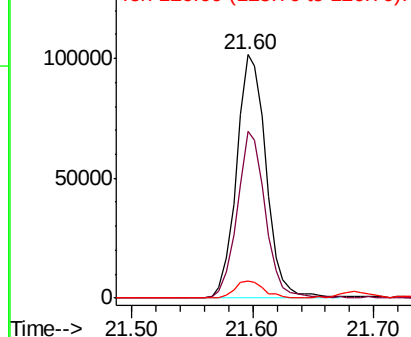
Lab File: BG042943.D

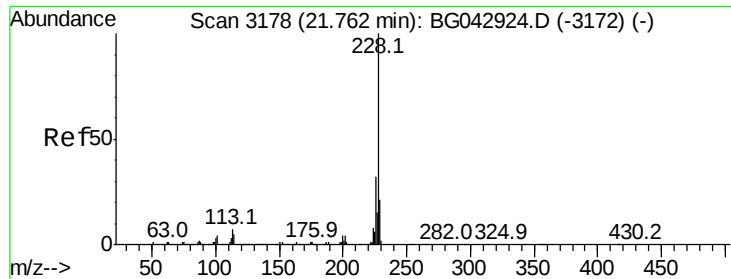
Acq: 30 Sep 2019 15:06

Tgt Ion:	252	Resp:	173652
Ion	Ratio	Lower	Upper
252	100		
254	68.3	51.9	77.9
126	7.3	6.1	9.1



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





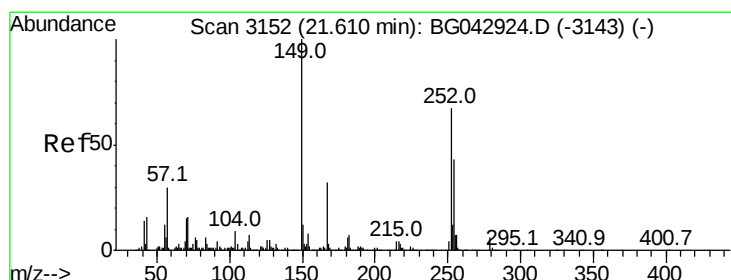
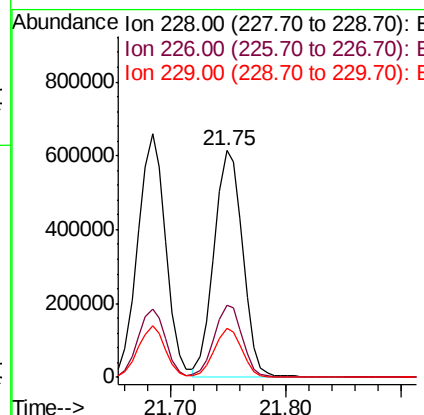
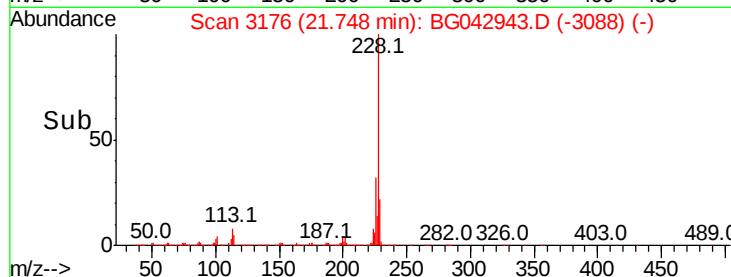
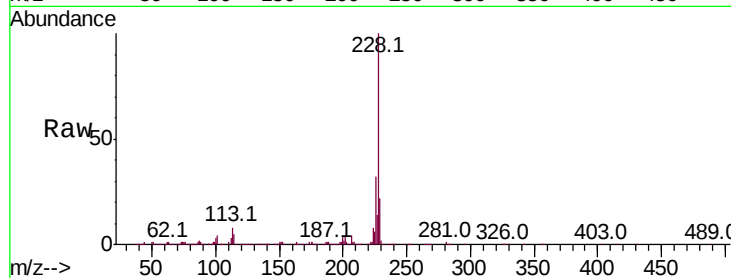
#83
 Chrysene
 Concen: 36.315 ng
 RT: 21.75 min Scan# 3176
 Delta R.T. -0.01 min
 Lab File: BG042943.D
 Acq: 30 Sep 2019 15:06

Instrument :
 BNA_G
 ClientSampleId :
 20190708-RR-COMPOSITE-8MS

Tot Ion:	228	Resp:	1056862
Ion	Ratio	Lower	Upper
228	100		
226	32.1	25.6	38.4
229	21.6	16.9	25.3

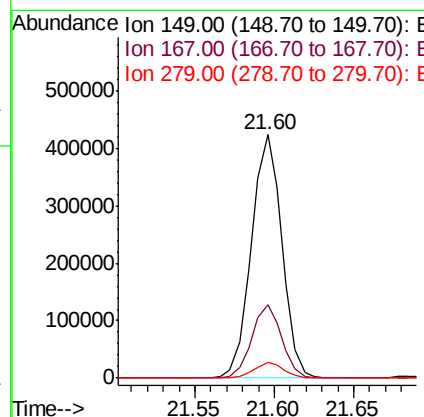
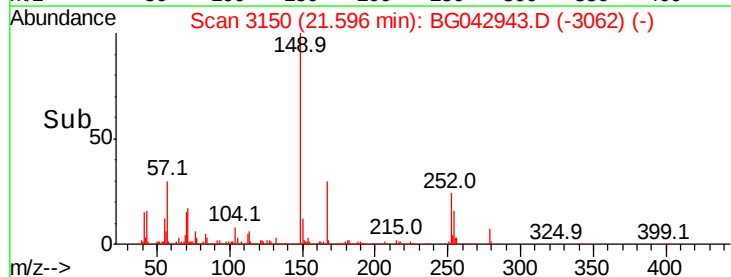
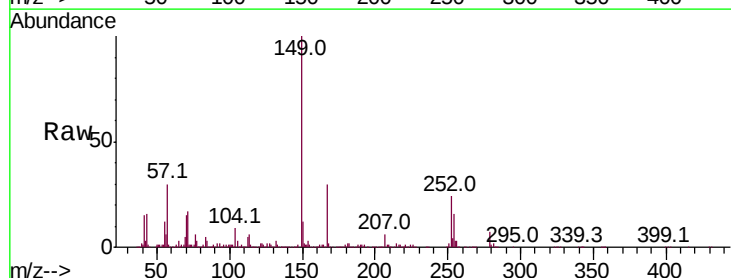
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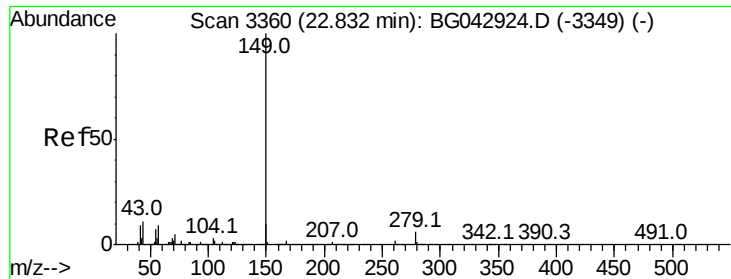
mohammad
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 36.157 ng
 RT: 21.60 min Scan# 3150
 Delta R.T. -0.01 min
 Lab File: BG042943.D
 Acq: 30 Sep 2019 15:06

Tgt Ion:	149	Resp:	561009
Ion	Ratio	Lower	Upper
149	100		
167	30.2	25.4	38.2
279	6.7	5.1	7.7





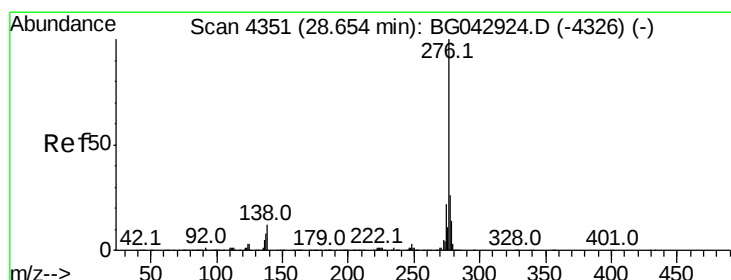
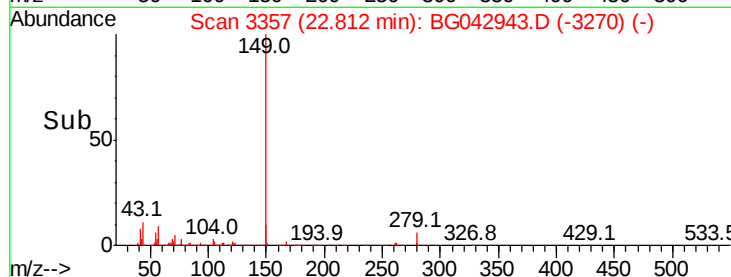
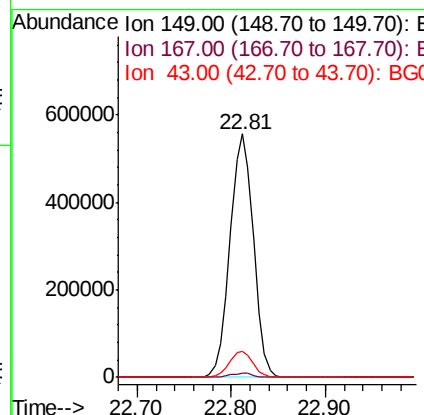
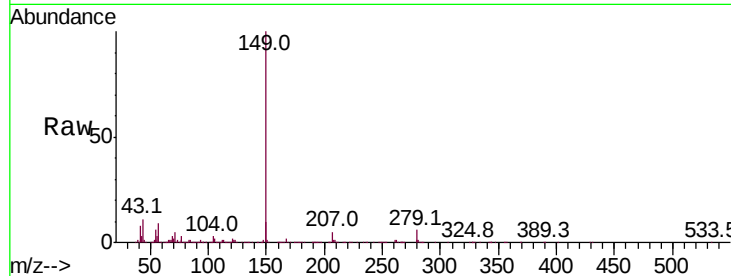
#85
Di-n-octyl phthalate
Concen: 37.689 ng
RT: 22.81 min Scan# 3357
Delta R.T. -0.02 min
Lab File: BG042943.D
Acq: 30 Sep 2019 15:06

Instrument :
BNA_G
ClientSampleId :
20190708-RR-COMPOSITE-8MS

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
167	1.7		1.4	2.0
43	10.9		8.7	13.1

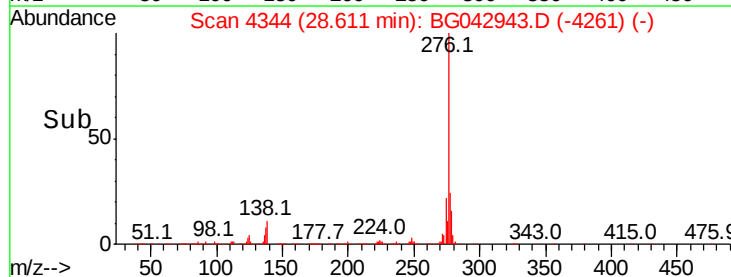
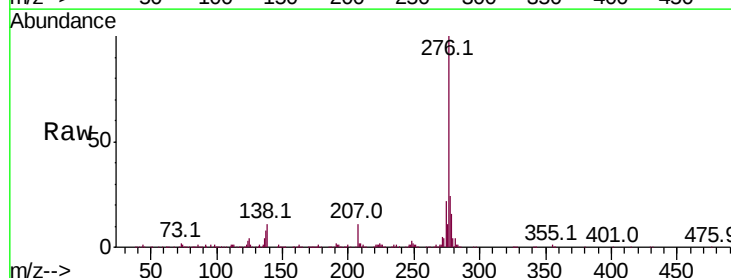
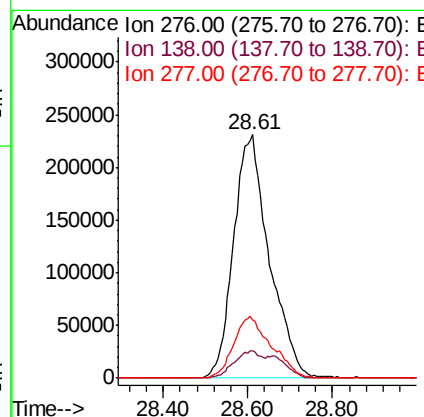
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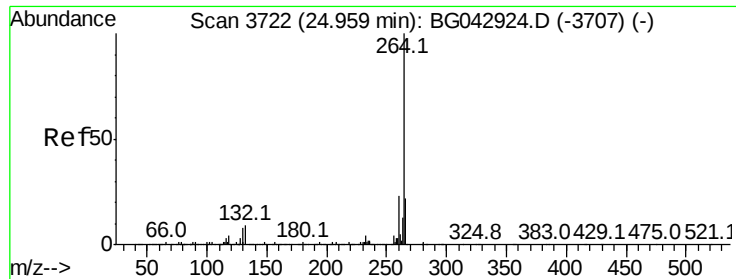
mohammad
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#86
Indeno(1,2,3-cd)pyrene
Concen: 37.242 ng
RT: 28.61 min Scan# 4344
Delta R.T. -0.04 min
Lab File: BG042943.D
Acq: 30 Sep 2019 15:06

Tgt Ion	Ratio	Resp	Lower	Upper
276	100			
138	8.8		7.0	10.6
277	26.5		20.9	31.3





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.93 min Scan# 3717

Delta R.T. -0.03 min

Lab File: BG042943.D

Acq: 30 Sep 2019 15:06

Instrument :

BNA_G

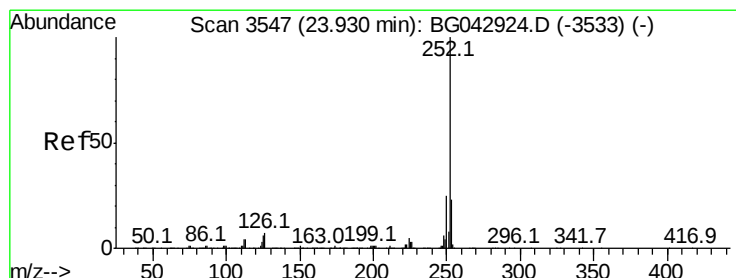
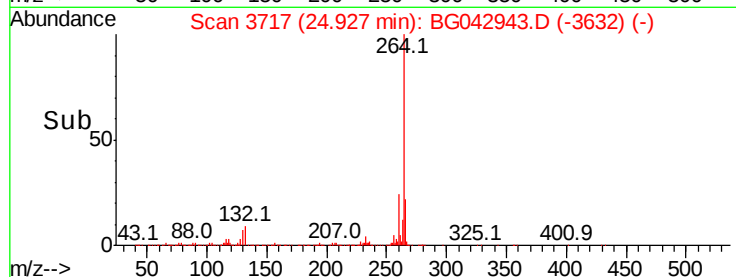
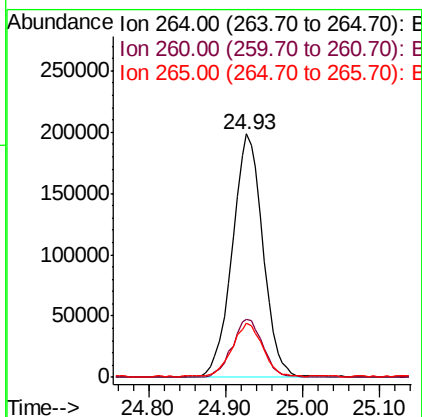
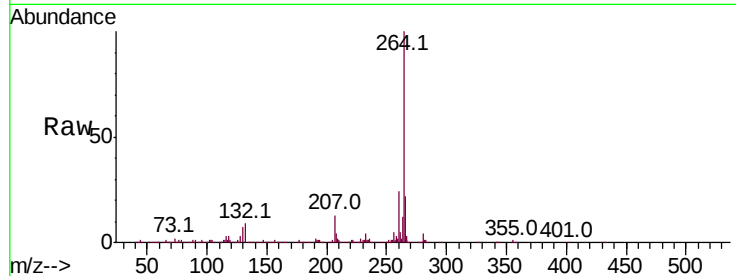
ClientSampleId :

20190708-RR-COMPOSITE-8MS

Tot Ion:	264	Resp:	552170
Ion Ratio	Lower	Upper	
264	100		
260	24.0	18.7	28.1
265	22.2	17.7	26.5

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#88

Benzo(b)fluoranthene

Concen: 37.371 ng

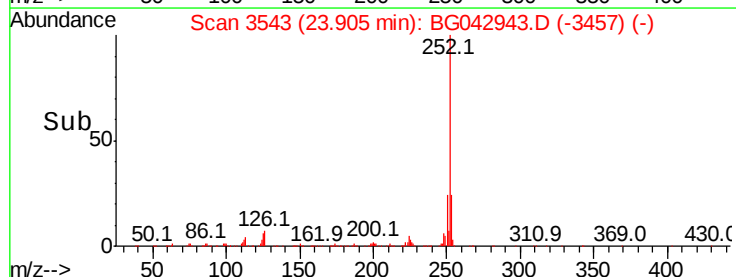
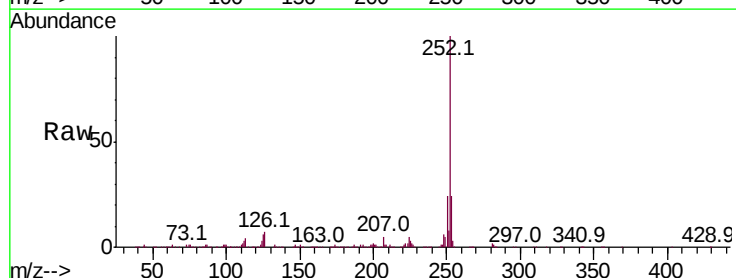
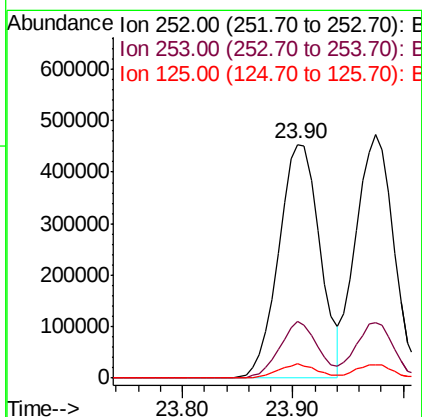
RT: 23.90 min Scan# 3543

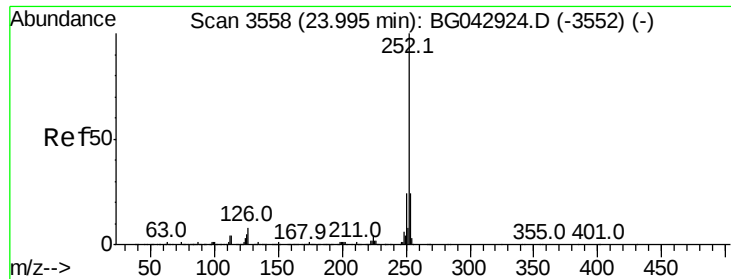
Delta R.T. -0.03 min

Lab File: BG042943.D

Acq: 30 Sep 2019 15:06

Tgt Ion:	252	Resp:	1167580
Ion Ratio	Lower	Upper	
252	100		
253	24.1	18.2	27.2
125	6.3	4.6	7.0





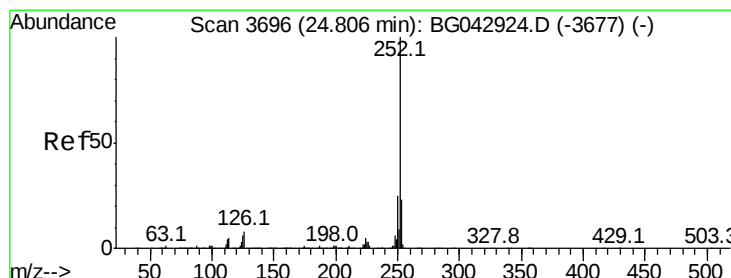
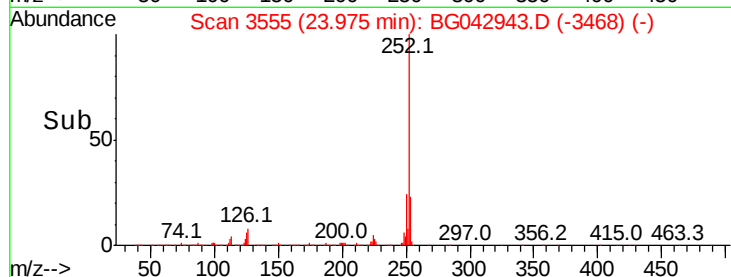
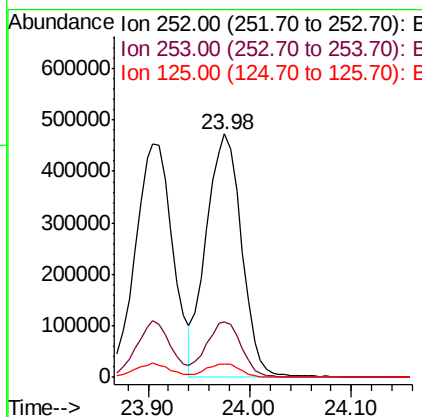
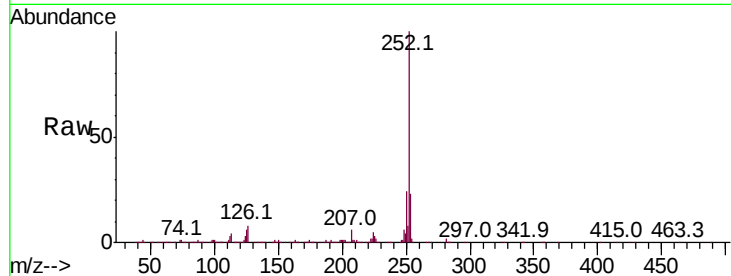
#89
Benzo(k)fluoranthene
Concen: 36.848 ng
RT: 23.98 min Scan# 3555
Delta R.T. -0.02 min
Lab File: BG042943.D
Acq: 30 Sep 2019 15:06

Instrument :
BNA_G
ClientSampleId :
20190708-RR-COMPOSITE-8MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.9	28.3
125	5.7	4.5	6.7

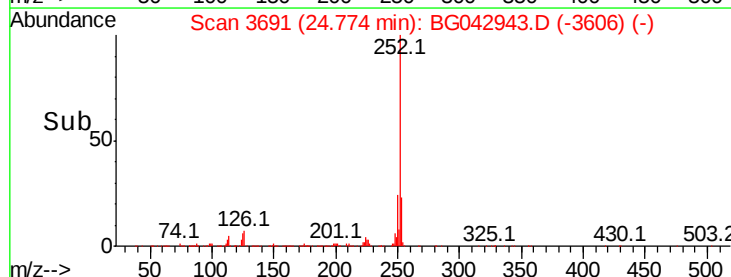
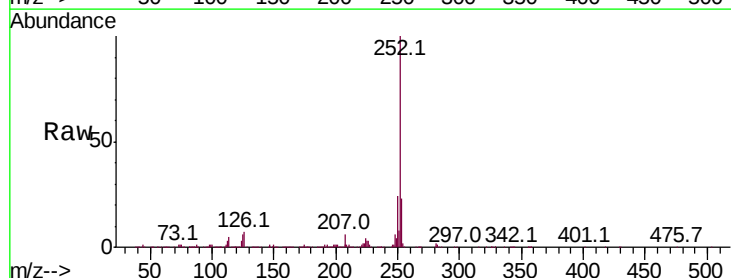
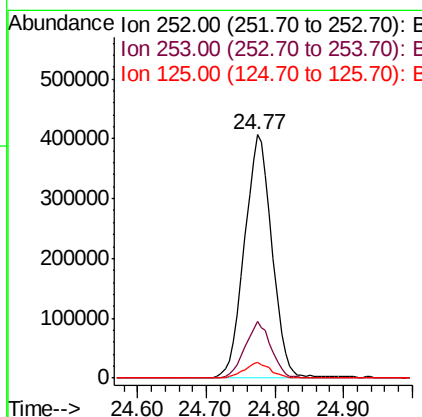
Manual Integrations
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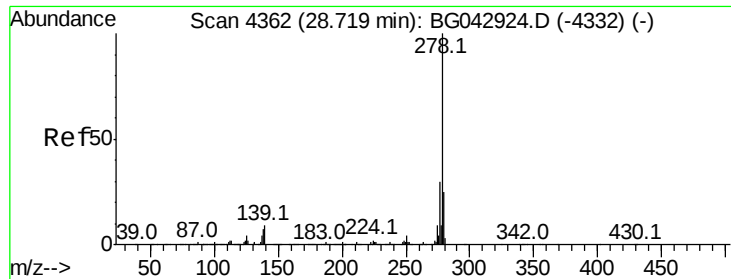
mohammad
10/2/2019 8:33:13 AM



#90
Benzo(a)pyrene
Concen: 38.523 ng
RT: 24.77 min Scan# 3691
Delta R.T. -0.03 min
Lab File: BG042943.D
Acq: 30 Sep 2019 15:06

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.2	27.4
125	6.4	5.0	7.6





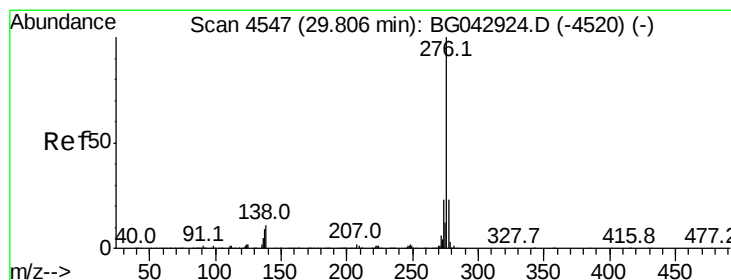
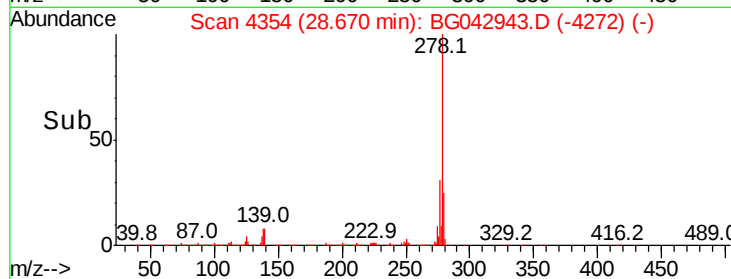
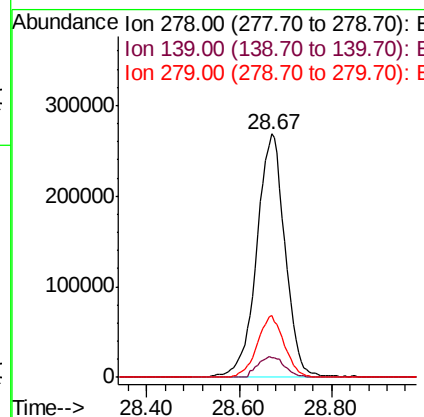
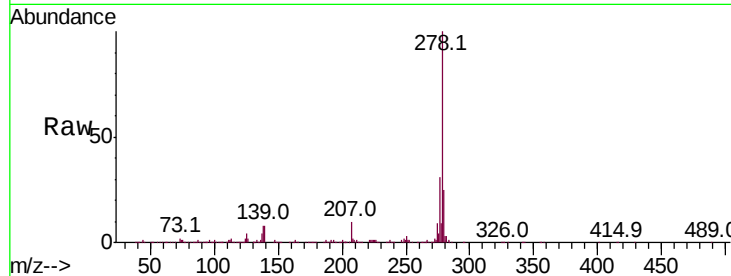
#91
Dibenzo(a,h)anthracene
Concen: 37.857 ng
RT: 28.67 min Scan# 4354
Delta R.T. -0.05 min
Lab File: BG042943.D
Acq: 30 Sep 2019 15:06

Instrument :
BNA_G
ClientSampleId :
20190708-RR-COMPOSITE-8MS

Tot Ion	Ratio	Lower	Upper
278	100		
139	8.2	6.8	10.2
279	25.3	20.1	30.1

Manual Integrations
APPROVED

mohammad
10/2/2019 8:33:13 AM



#92
Benzo(g,h,i)perylene
Concen: 38.205 ng
RT: 29.75 min Scan# 4538
Delta R.T. -0.06 min
Lab File: BG042943.D
Acq: 30 Sep 2019 15:06

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.0	18.4	27.6
138	11.8	8.6	12.8

