

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091219\
 Data File : BG042802.D
 Acq On : 13 Sep 2019 5:09
 Operator : HP/JU
 Sample : PB123028BS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB123028BS

Manual Integrations
 APPROVED

mohammad
 9/16/2019 9:03:40 AM

Quant Time: Sep 13 08:45:01 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG091219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 12 14:06:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	91907	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	339279	20.00	ng	0.00
39) Acenaphthene-d10	14.74	164	228877	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	515982	20.00	ng	0.00
76) Chrysene-d12	21.76	240	529577	20.00	ng	0.00
87) Perylene-d12	25.03	264	598515	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.68	112	763850	144.49	ng	0.00
7) Phenol-d6	7.27	99	1094628	144.26	ng	0.00
23) Nitrobenzene-d5	9.27	82	669221	102.69	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	465210	152.78	ng	0.00
45) 2-Fluorobiphenyl	13.37	172	1436841	99.37	ng	0.00
79) Terphenyl-d14	20.09	244	2421570	101.34	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.59	88	81155	33.638	ng	98
3) Pyridine	3.98	79	226071	31.122	ng	99
4) n-Nitrosodimethylamine	3.89	42	147759	41.803	ng	98
6) Aniline	7.44	93	324269	31.675	ng	97
8) 2-Chlorophenol	7.68	128	276106	48.318	ng	99
9) Benzaldehyde	7.25	77	192607	39.007	ng	100
10) Phenol	7.30	94	369817	47.525	ng	99
11) bis(2-Chloroethyl)ether	7.54	93	260431	43.608	ng	98
12) 1,3-Dichlorobenzene	8.01	146	288488	41.391	ng	98
13) 1,4-Dichlorobenzene	8.16	146	291053	41.711	ng	99
14) 1,2-Dichlorobenzene	8.48	146	271960	40.944	ng	97
15) Benzyl Alcohol	8.35	79	297767	45.728	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.65	45	532510	40.604	ng	98
17) 2-Methylphenol	8.55	107	247512	47.544	ng	99
18) Hexachloroethane	9.21	117	104940	40.735	ng	95
19) n-Nitroso-di-n-propylamine	8.92	70	242509	43.374	ng	94
20) 3+4-Methylphenols	8.88	107	328718	45.806	ng	97
22) Acetophenone	8.94	105	415003	48.433	ng	98
24) Nitrobenzene	9.32	77	338654	49.509	ng	96
25) Isophorone	9.85	82	636116	46.830	ng	98
26) 2-Nitrophenol	10.03	139	141888	52.751	ng	95
27) 2,4-Dimethylphenol	10.08	122	264579	55.607	ng	96
28) bis(2-Chloroethoxy)methane	10.33	93	352796	46.572	ng	99
29) 2,4-Dichlorophenol	10.57	162	281822	50.970	ng	99
30) 1,2,4-Trichlorobenzene	10.79	180	305039	45.187	ng	97
31) Naphthalene	10.98	128	800597	47.793	ng	99
32) Benzoic acid	10.23	122	187347	48.597	ng	97
33) 4-Chloroaniline	11.07	127	139700	17.843	ng	98
34) Hexachlorobutadiene	11.27	225	211930	44.808	ng	93
35) Caprolactam	11.84	113	101066m	49.154	ng	
36) 4-Chloro-3-methylphenol	12.19	107	307006	51.139	ng	98
37) 2-Methylnaphthalene	12.58	142	596118	47.506	ng	99
38) 1-Methylnaphthalene	12.79	142	557741	47.390	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.94	216	363169	48.018	ng	98

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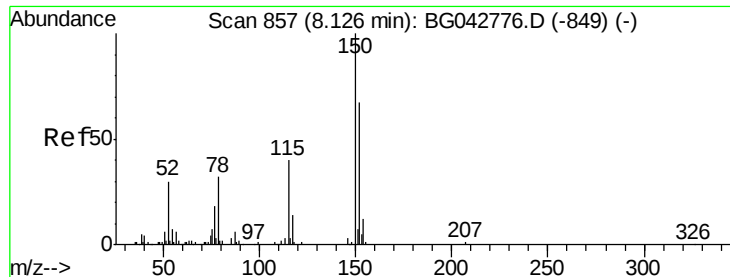
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.93	237	505894	116.762	nq	99
43) 2,4,6-Trichlorophenol	13.17	196	255921	50.827	nq	98
44) 2,4,5-Trichlorophenol	13.24	196	275779	53.472	nq	96
46) 1,1'-Biphenyl	13.57	154	792683	49.472	nq	99
47) 2-Chloronaphthalene	13.62	162	612733	46.228	nq	97
48) 2-Nitroaniline	13.80	65	231959	50.448	nq	97
49) Acenaphthylene	14.46	152	998534	49.298	nq	98
50) Dimethylphthalate	14.19	163	814927	47.529	nq	99
51) 2,6-Dinitrotoluene	14.30	165	184397	52.413	nq	97
52) Acenaphthene	14.80	154	689127	52.078	nq	99
53) 3-Nitroaniline	14.63	138	116341	29.465	nq	98
54) 2,4-Dinitrophenol	14.83	184	174137	100.545	nq	# 76
55) Dibenzofuran	15.14	168	953208	48.463	nq	99
56) 4-Nitrophenol	14.93	139	321043	105.159	nq	96
57) 2,4-Dinitrotoluene	15.08	165	248187	52.925	nq	# 98
58) Fluorene	15.78	166	786531	48.251	nq	100
59) 2,3,4,6-Tetrachlorophenol	15.36	232	264280	52.860	nq	# 98
60) Diethylphthalate	15.56	149	815111	46.834	nq	99
61) 4-Chlorophenyl-phenylether	15.77	204	454831	47.191	nq	96
62) 4-Nitroaniline	15.79	138	199818	46.949	nq	97
63) Azobenzene	16.07	77	811620	48.427	nq	98
65) 4,6-Dinitro-2-methylphenol	15.85	198	123252	55.826	nq	97
66) n-Nitrosodiphenylamine	15.98	169	729264	52.523	nq	99
67) 4-Bromophenyl-phenylether	16.67	248	309583	49.571	nq	99
68) Hexachlorobenzene	16.79	284	320953	48.095	nq	100
69) Atrazine	16.93	200	281002	58.117	nq	97
70) Pentachlorophenol	17.12	266	444250	112.219	nq	94
71) Phenanthrene	17.52	178	1258211	50.989	nq	99
72) Anthracene	17.61	178	1277104	51.803	nq	98
73) Carbazole	17.88	167	1221347	52.124	nq	97
74) Di-n-butylphthalate	18.45	149	1384716	49.333	nq	99
75) Fluoranthene	19.53	202	1665985	52.093	nq	98
77) Benzidine	19.70	184	481872	32.568	nq	99
78) Pyrene	19.89	202	1670695	50.390	nq	98
80) Butylbenzylphthalate	20.78	149	671748	50.063	nq	98
81) Benzo(a)anthracene	21.74	228	1665678	49.469	nq	97
82) 3,3'-Dichlorobenzidine	21.65	252	456327	34.873	nq	99
83) Chrysene	21.81	228	1604798	50.316	nq	98
84) Bis(2-ethylhexyl)phthalate	21.66	149	931245	50.793	nq	100
85) Di-n-octyl phthalate	22.90	149	1579441	50.534	nq	100
86) Indeno(1,2,3-cd)pyrene	28.77	276	2040631	51.665	nq	# 93
88) Benzo(b)fluoranthene	23.99	252	1767938	50.306	nq	99
89) Benzo(k)fluoranthene	24.06	252	1685352	50.768	nq	99
90) Benzo(a)pyrene	24.88	252	1718875	52.234	nq	98
91) Dibenzo(a,h)anthracene	28.85	278	1675140	51.757	nq	98
92) Benzo(g,h,i)perylene	29.94	276	1670897	52.928	nq	98

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



#1

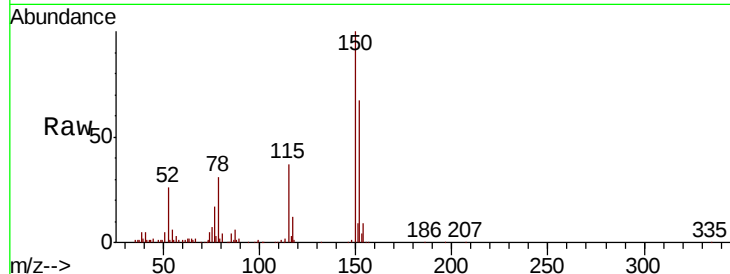
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.12 min Scan# 856
Delta R.T. -0.01 min
Lab File: BG042802.D
Acq: 13 Sep 2019 5:09

Instrument :
BNA_G
ClientSampleID :
PB123028BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	148.9	118.9	178.3
115	55.8	47.4	71.2

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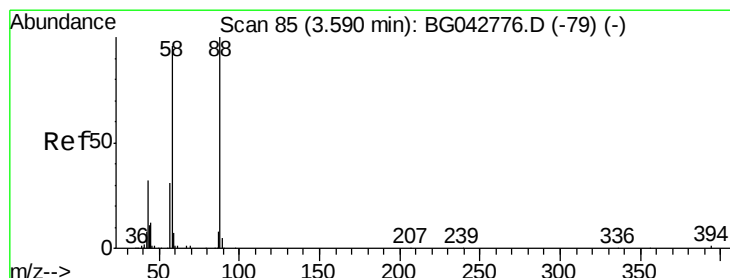
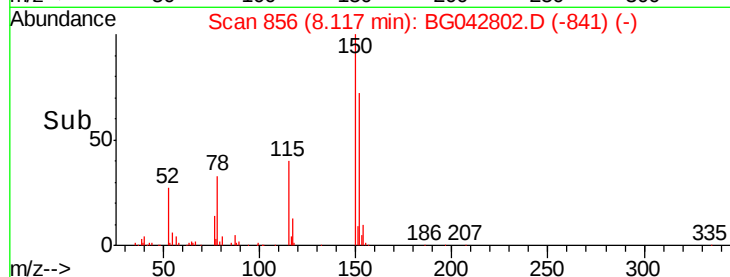
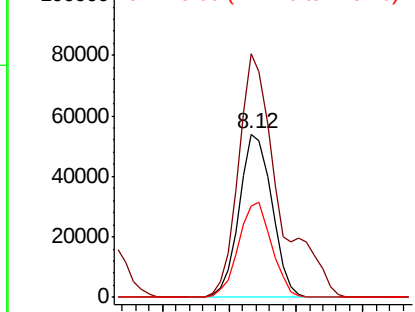


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

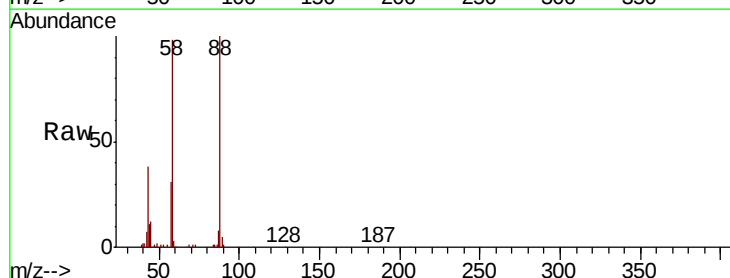
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 33.638 ng
RT: 3.59 min Scan# 85
Delta R.T. -0.00 min
Lab File: BG042802.D
Acq: 13 Sep 2019 5:09

Tgt Ion	Ratio	Lower	Upper
88	100		
58	99.8	79.1	118.7
43	35.3	30.4	45.6

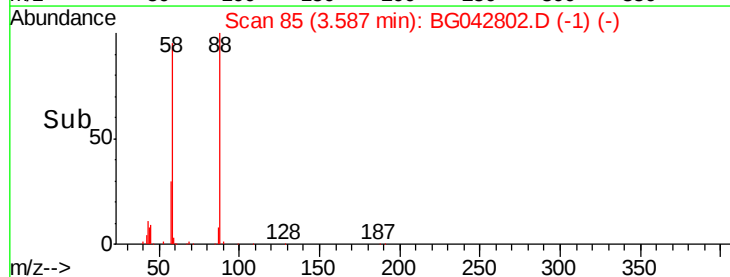
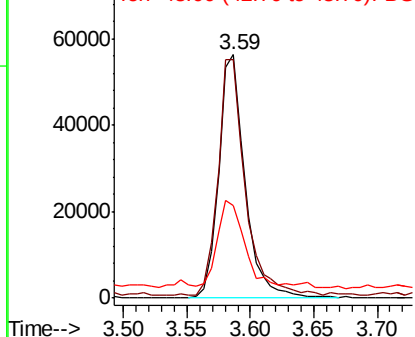


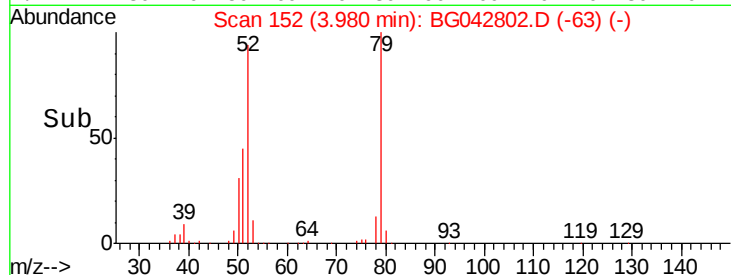
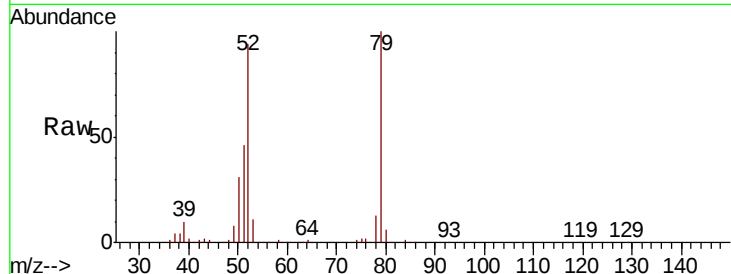
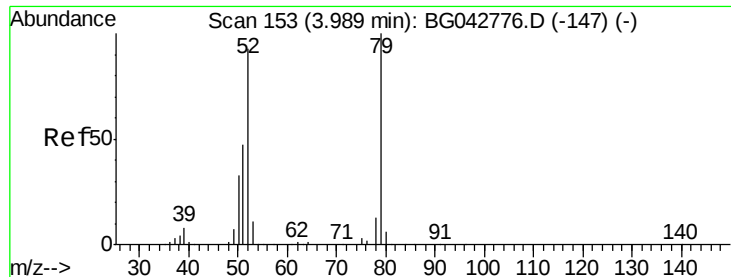
Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





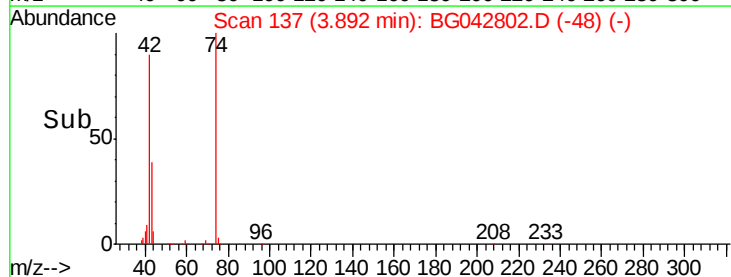
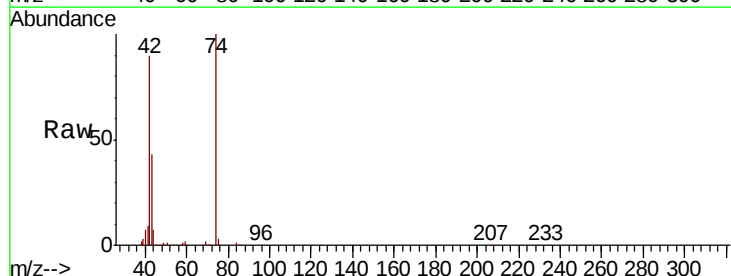
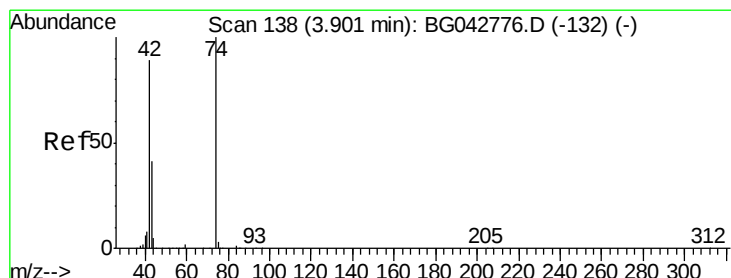
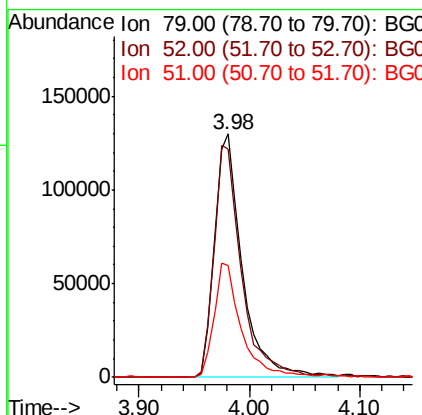
#3
 Pvridine
 Concen: 31.122 ng
 RT: 3.98 min Scan# 152
 Delta R.T. -0.01 min
 Lab File: BG042802.D
 Acq: 13 Sep 2019 5:09

Tot Ion:	79	Resp:	226071
Ion Ratio	Lower	Upper	
79	100		
52	93.6	74.0	111.0
51	45.7	37.5	56.3

Instrument :
 BNA_G
 ClientSampleId :
 PB123028BS

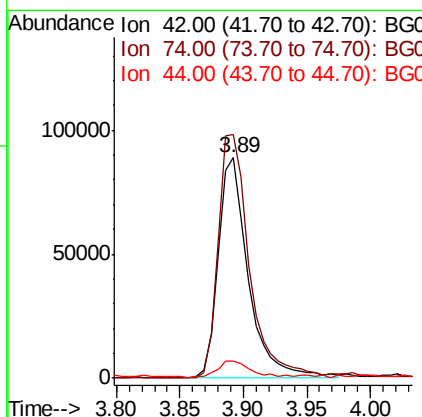
Manual Integrations
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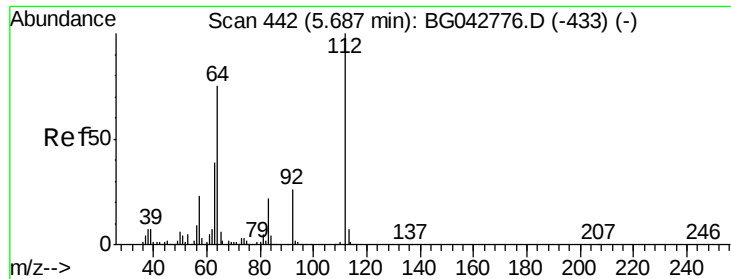
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#4
 n-Nitrosodimethylamine
 Concen: 41.803 ng
 RT: 3.89 min Scan# 137
 Delta R.T. -0.01 min
 Lab File: BG042802.D
 Acq: 13 Sep 2019 5:09

Tgt Ion:	42	Resp:	147759
Ion Ratio	Lower	Upper	
42	100		
74	110.5	90.2	135.2
44	8.0	6.6	9.8





#5

2-Fluorophenol

Concen: 144.493 ng

RT: 5.68 min Scan# 442

Delta R.T. -0.00 min

Lab File: BG042802.D

Acq: 13 Sep 2019 5:09

Instrument :

BNA_G

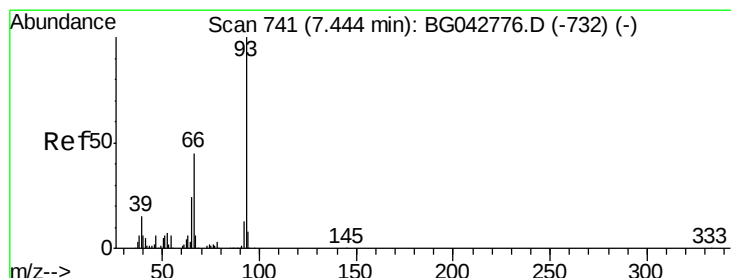
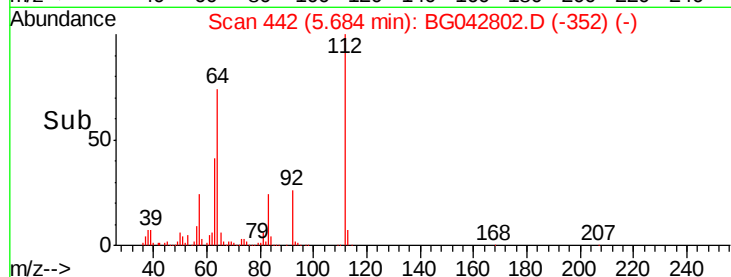
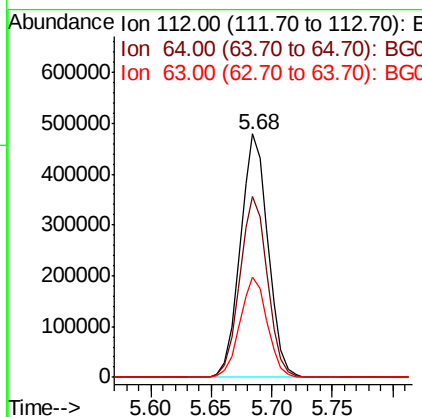
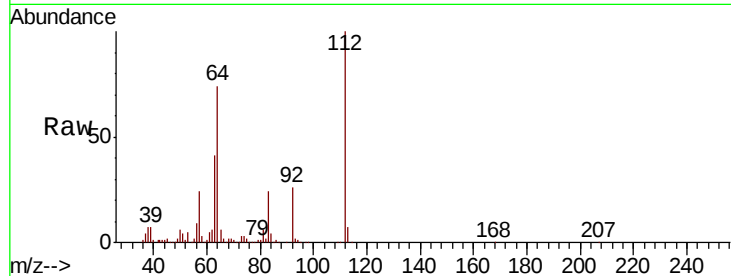
ClientSampleId :

PB123028BS

Tot Ion:	112	Resp:	763850
Ion Ratio	Lower	Upper	
112	100		
64	74.2	60.2	90.2
63	41.3	31.2	46.8

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#6

Aniline

Concen: 31.675 ng

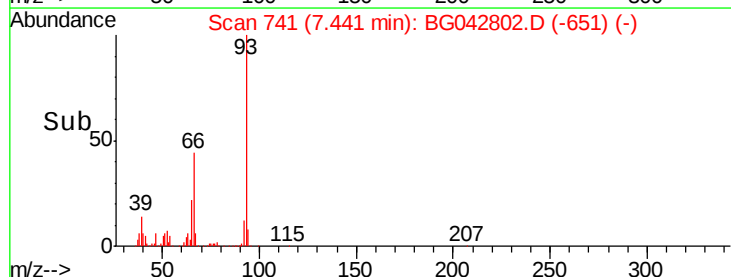
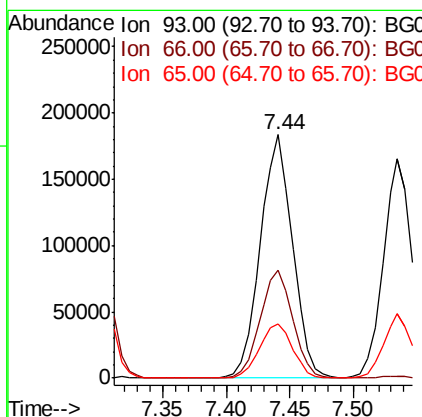
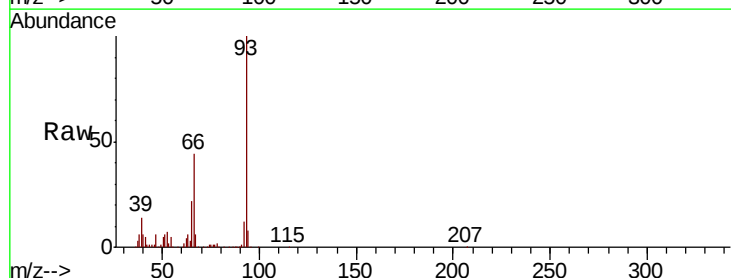
RT: 7.44 min Scan# 741

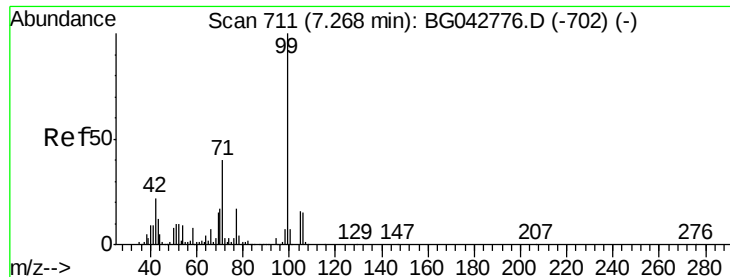
Delta R.T. -0.00 min

Lab File: BG042802.D

Acq: 13 Sep 2019 5:09

Tgt Ion:	93	Resp:	324269
Ion Ratio	Lower	Upper	
93	100		
66	44.1	36.3	54.5
65	22.1	19.3	28.9





#7

Phenol-d6

Concen: 144.262 ng

RT: 7.27 min Scan# 712

Delta R.T. 0.00 min

Lab File: BG042802.D

Acq: 13 Sep 2019 5:09

Instrument :

BNA_G

ClientSampleId :

PB123028BS

Tot Ion: 99 Resp: 1094628

Ion Ratio Lower Upper

99 100

42 22.3 17.5 26.3

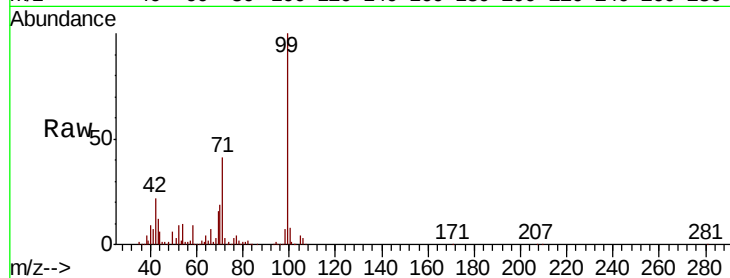
71 41.4 32.0 48.0

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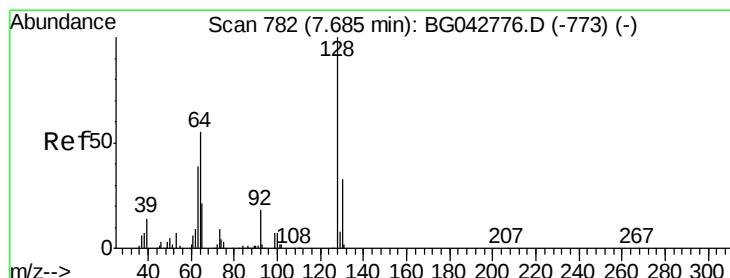
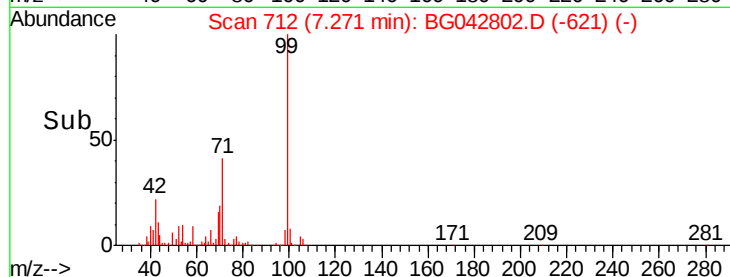
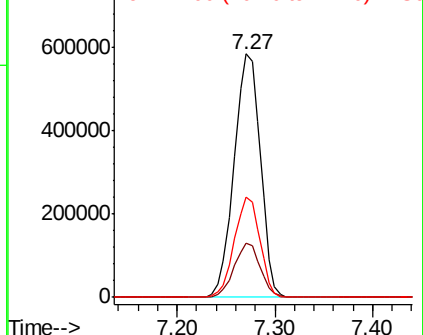
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Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 48.318 ng

RT: 7.68 min Scan# 782

Delta R.T. -0.00 min

Lab File: BG042802.D

Acq: 13 Sep 2019 5:09

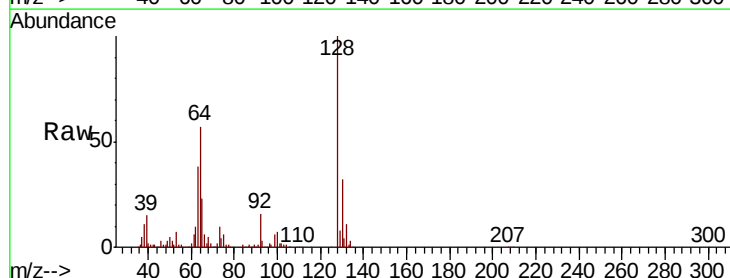
Tgt Ion: 128 Resp: 276106

Ion Ratio Lower Upper

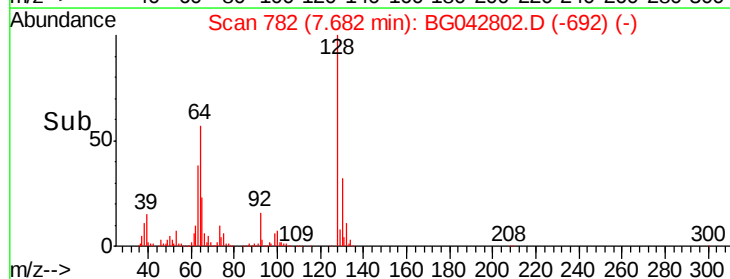
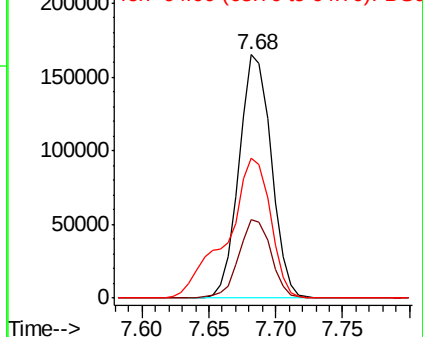
128 100

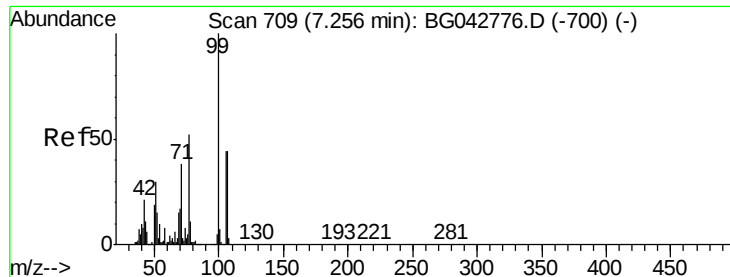
130 32.3 12.8 52.8

64 57.2 36.8 76.8



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





#9

Benzaldehyde

Concen: 39.007 ng

RT: 7.25 min Scan# 708

Delta R.T. -0.01 min

Lab File: BG042802.D

Acq: 13 Sep 2019 5:09

Instrument :

BNA_G

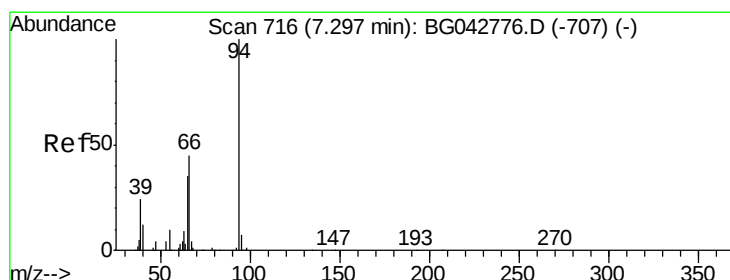
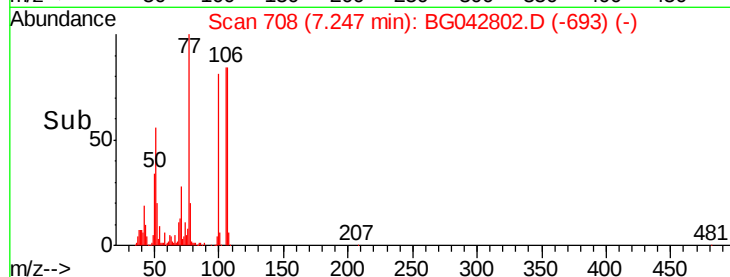
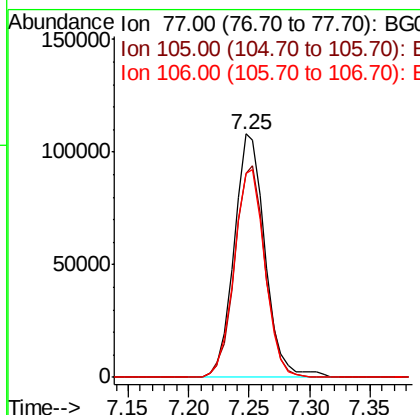
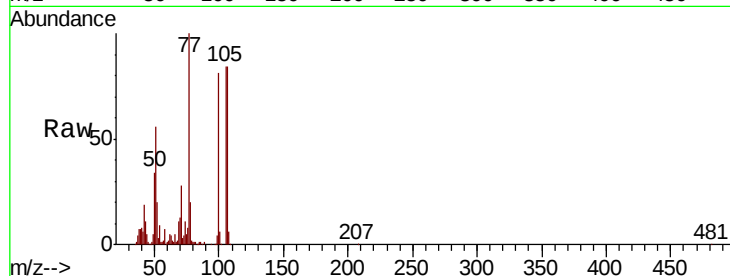
ClientSampled :

PB123028BS

Tot Ion:	77	Resp:	192607
Ion Ratio	Lower	Upper	
77	100		
105	83.8	64.5	104.5
106	83.6	63.4	103.4

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#10

Phenol

Concen: 47.525 ng

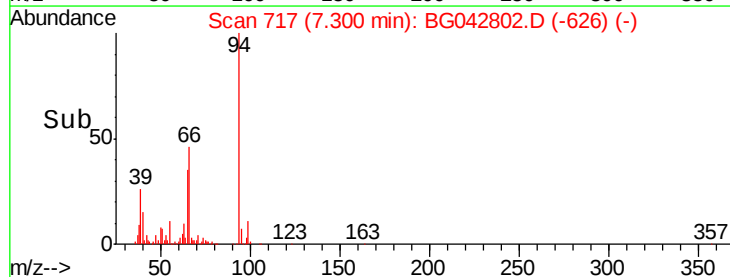
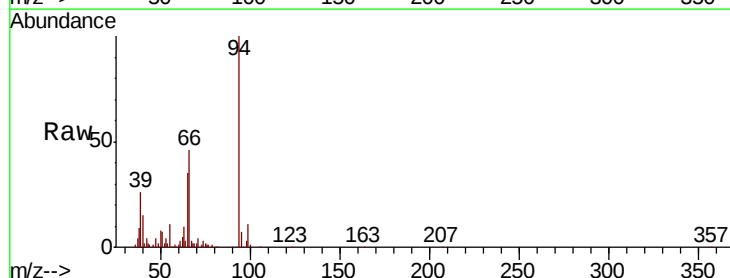
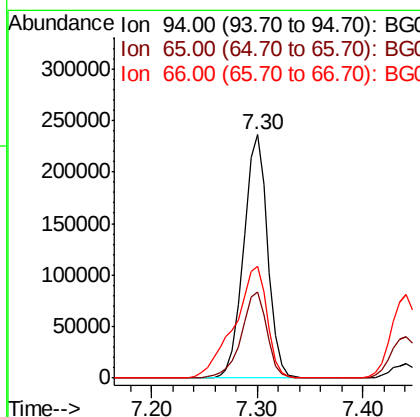
RT: 7.30 min Scan# 717

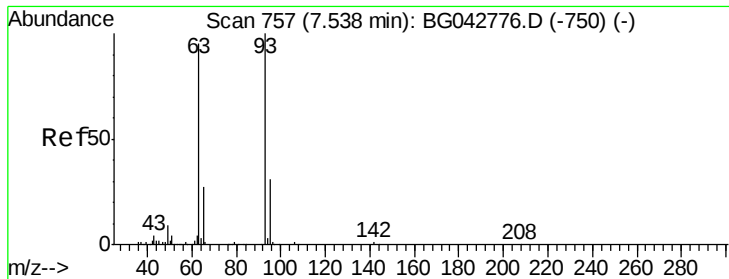
Delta R.T. 0.00 min

Lab File: BG042802.D

Acq: 13 Sep 2019 5:09

Tgt Ion:	94	Resp:	369817
Ion Ratio	Lower	Upper	
94	100		
65	35.3	15.0	55.0
66	45.8	26.1	66.1





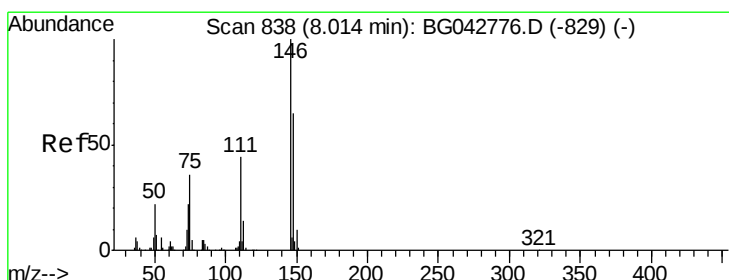
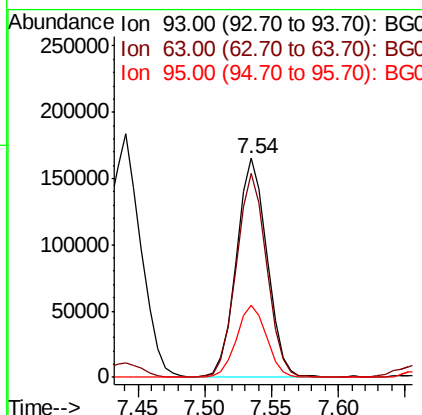
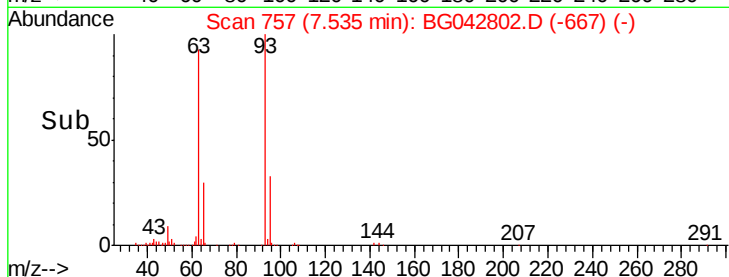
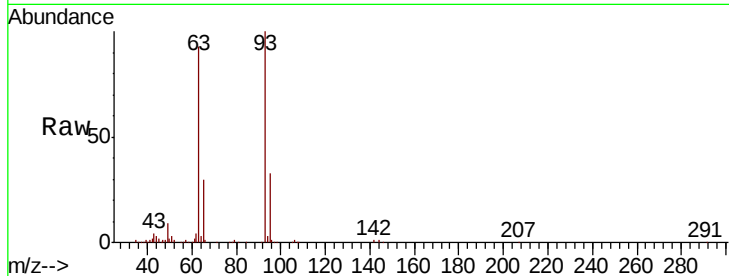
#11
 bis(2-Chloroethyl)ether
 Concen: 43.608 ng
 RT: 7.54 min Scan# 757
 Delta R.T. -0.00 min
 Lab File: BG042802.D
 Acq: 13 Sep 2019 5:09

Instrument :
 BNA_G
 ClientSampleId :
 PB123028BS

Tot Ion:	93	Resp:	260431
Ion Ratio	Lower	Upper	
93	100		
63	93.2	74.7	114.7
95	33.0	11.1	51.1

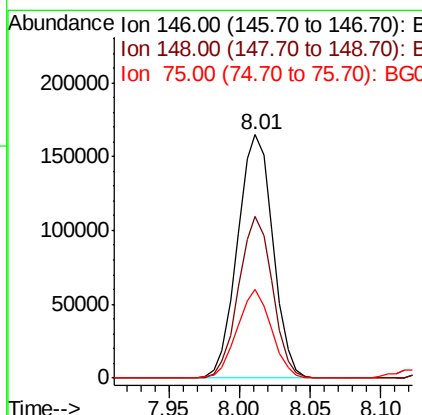
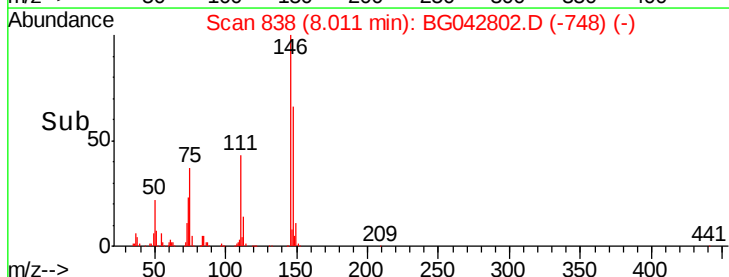
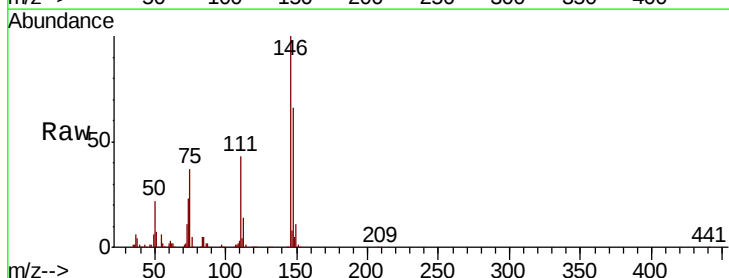
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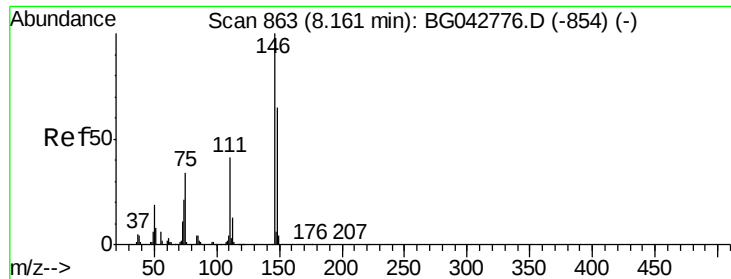
mohammad
 9/16/2019 9:03:40 AM



#12
 1,3-Dichlorobenzene
 Concen: 41.391 ng
 RT: 8.01 min Scan# 838
 Delta R.T. -0.00 min
 Lab File: BG042802.D
 Acq: 13 Sep 2019 5:09

Tgt Ion:	146	Resp:	288488
Ion Ratio	Lower	Upper	
146	100		
148	66.4	51.9	77.9
75	36.6	28.4	42.6





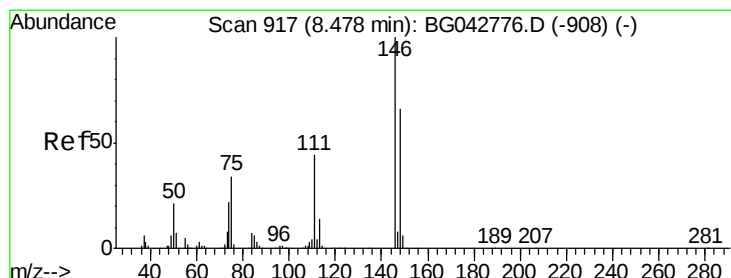
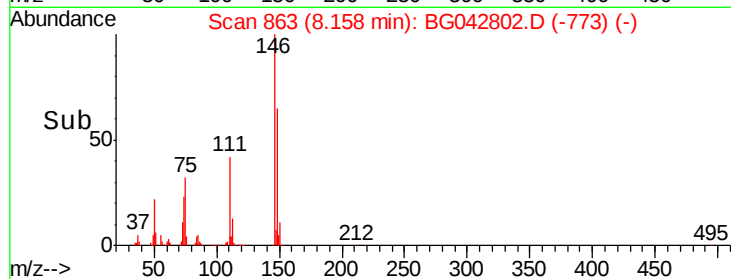
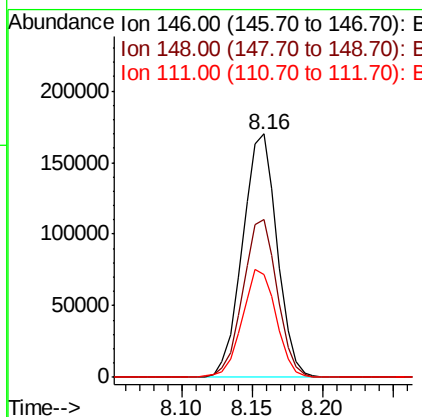
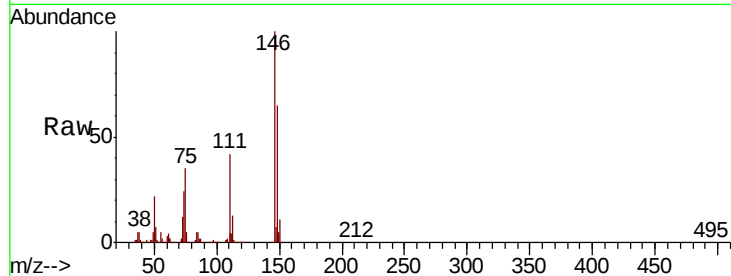
#13
 1,4-Dichlorobenzene
 Concen: 41.711 ng
 RT: 8.16 min Scan# 863
 Delta R.T. -0.00 min
 Lab File: BG042802.D
 Acq: 13 Sep 2019 5:09

Instrument :
 BNA_G
 ClientSampleId :
 PB123028BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.9	52.2	78.4
111	42.2	32.6	49.0

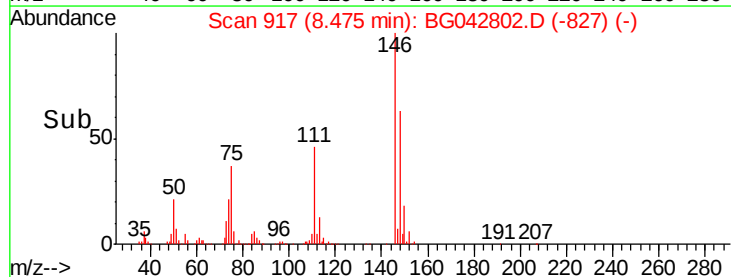
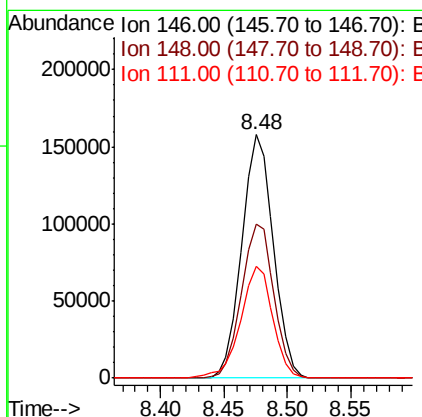
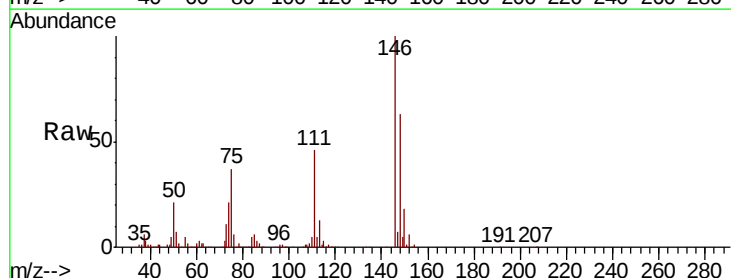
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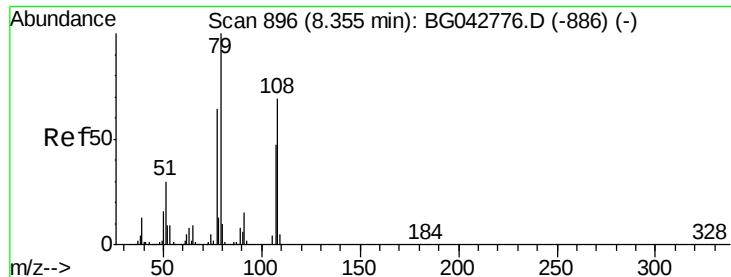
mohammad
 9/16/2019 9:03:40 AM



#14
 1,2-Dichlorobenzene
 Concen: 40.944 ng
 RT: 8.48 min Scan# 917
 Delta R.T. -0.00 min
 Lab File: BG042802.D
 Acq: 13 Sep 2019 5:09

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.3	52.6	78.8
111	46.1	35.3	52.9





#15

Benzyl Alcohol

Concen: 45.728 ng

RT: 8.35 min Scan# 896

Delta R.T. -0.00 min

Lab File: BG042802.D

Acq: 13 Sep 2019 5:09

Instrument :

BNA_G

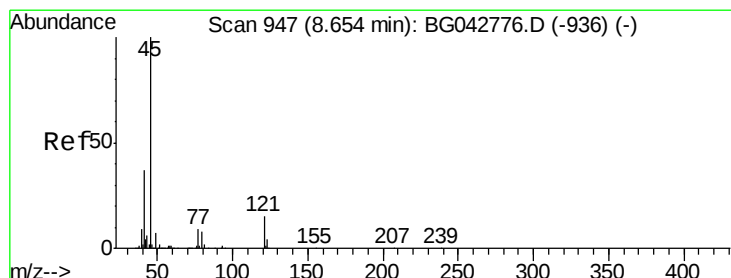
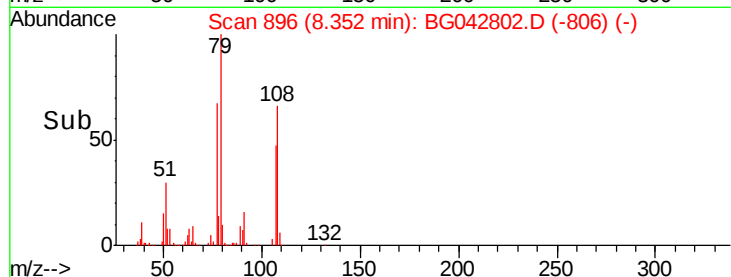
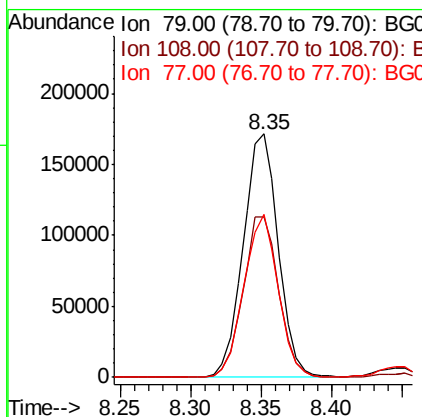
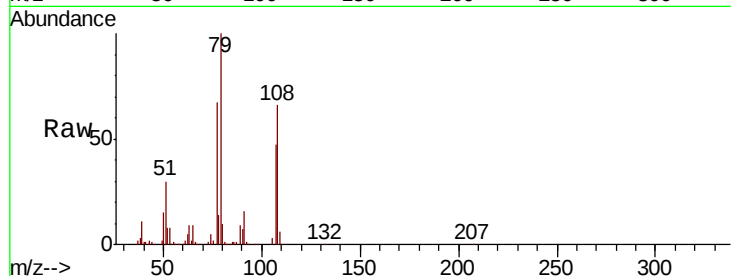
ClientSampleId :

PB123028BS

Tot Ion:	79	Resp:	297767
Ion Ratio	Lower	Upper	
79	100		
108	66.1	54.9	82.3
77	66.7	51.0	76.6

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#16

2,2'-oxybis(1-chloropropane)

Concen: 40.604 ng

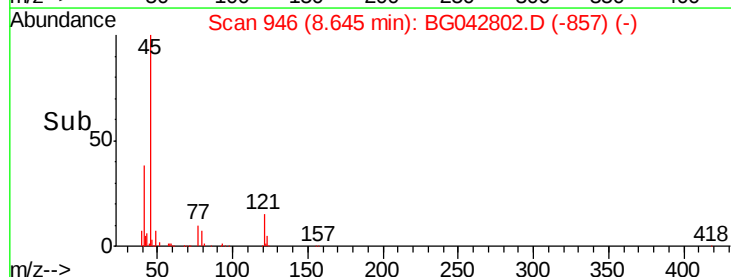
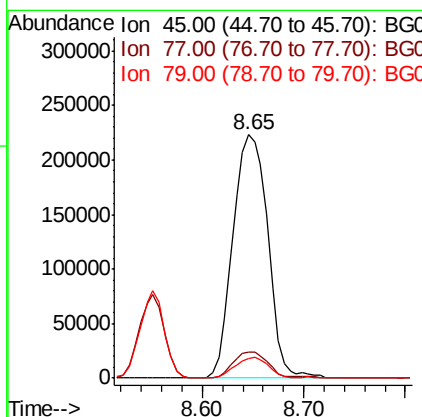
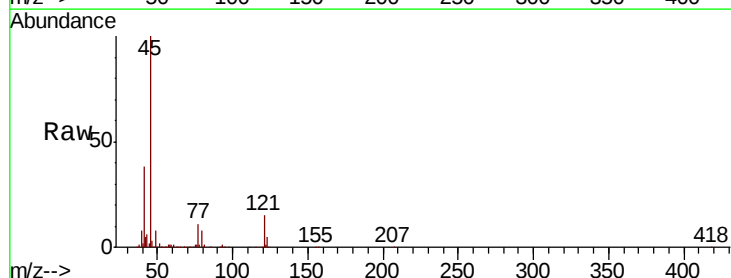
RT: 8.65 min Scan# 946

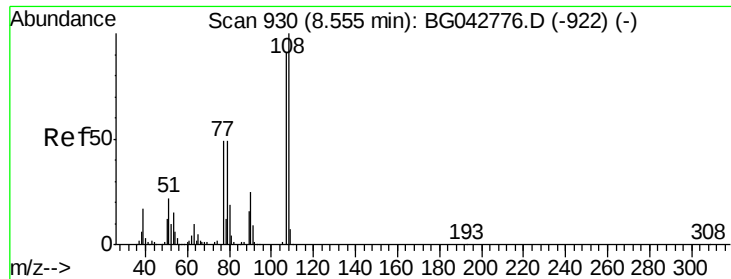
Delta R.T. -0.01 min

Lab File: BG042802.D

Acq: 13 Sep 2019 5:09

Tgt Ion:	45	Resp:	532510
Ion Ratio	Lower	Upper	
45	100		
77	10.6	0.0	29.4
79	7.9	0.0	28.4





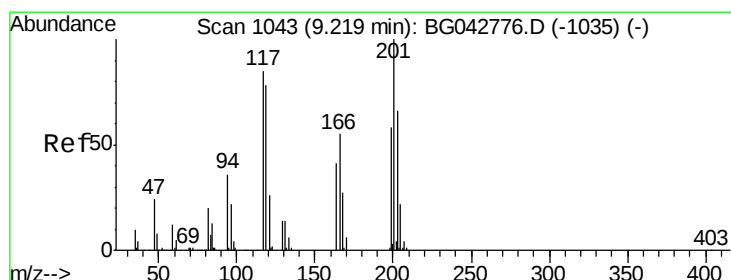
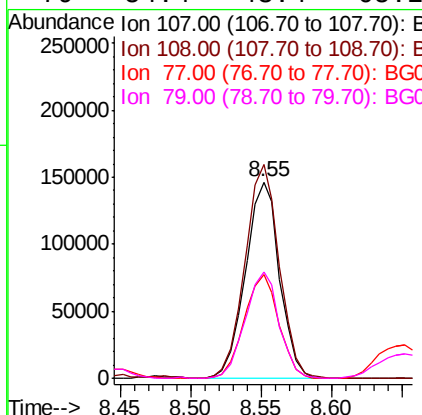
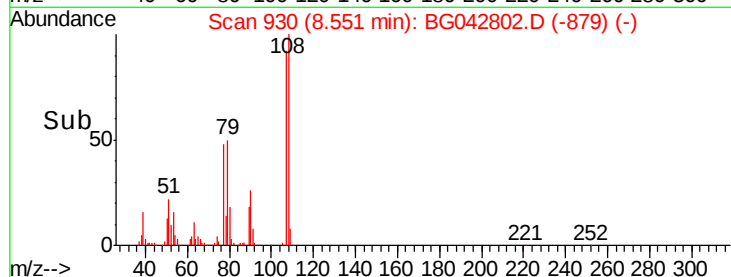
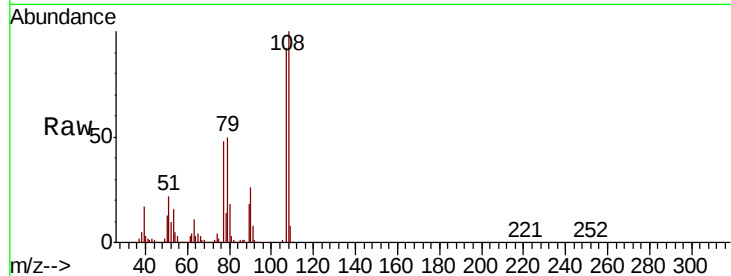
#17
2-Methylphenol
Concen: 47.544 ng
RT: 8.55 min Scan# 930
Delta R.T. -0.00 min
Lab File: BG042802.D
Acq: 13 Sep 2019 5:09

Instrument :
BNA_G
ClientSampleId :
PB123028BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	108.8	87.7	131.5	
77	52.7	42.6	64.0	
79	54.4	43.4	65.2	

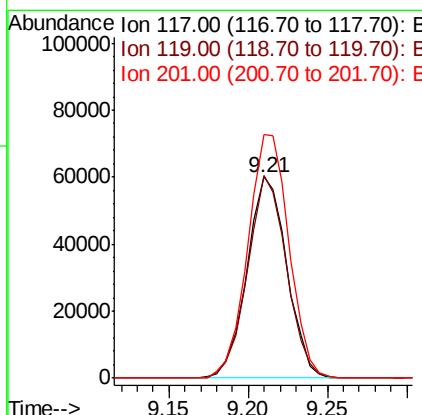
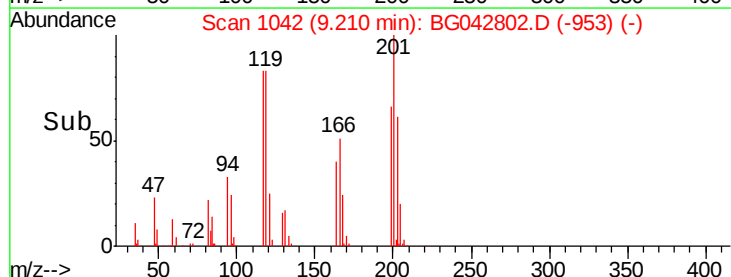
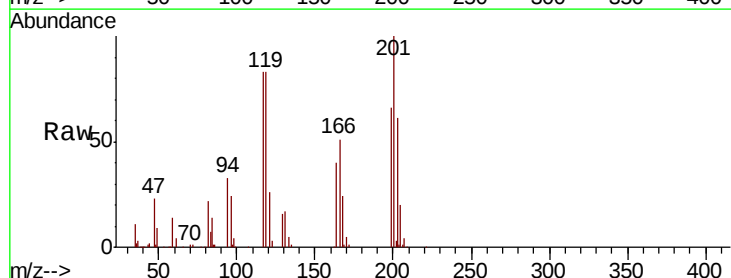
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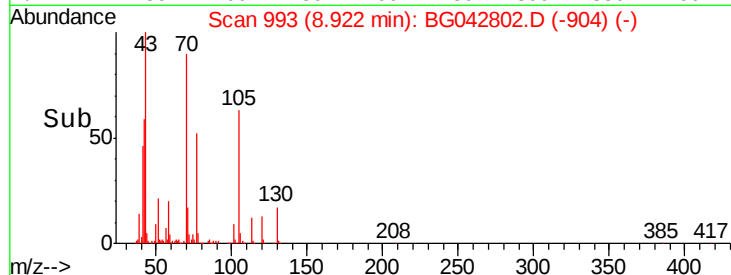
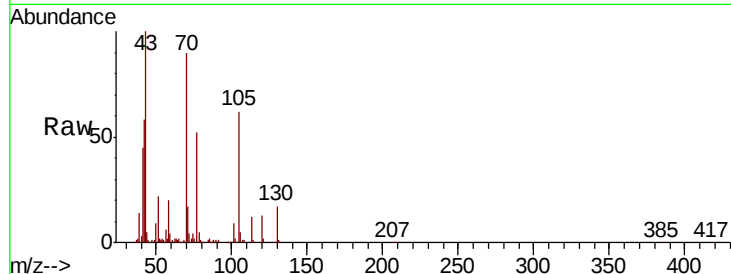
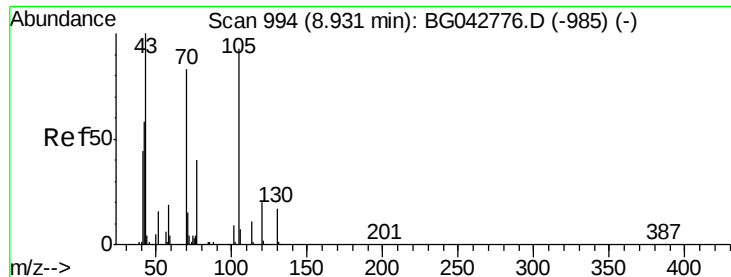
mohammad
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#18
Hexachloroethane
Concen: 40.735 ng
RT: 9.21 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BG042802.D
Acq: 13 Sep 2019 5:09

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	100.8	73.8	110.8	
201	121.1	94.6	142.0	





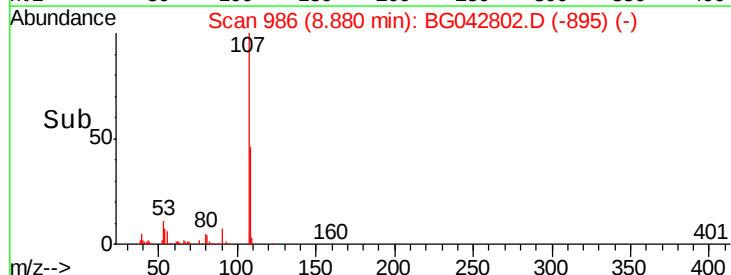
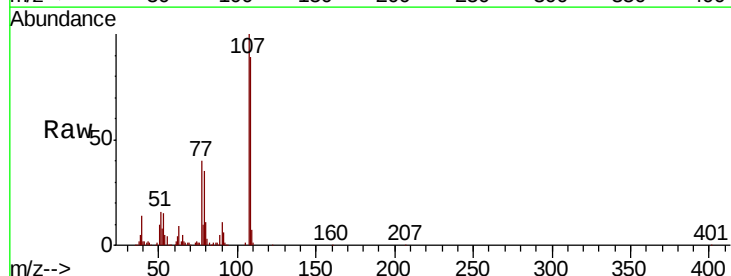
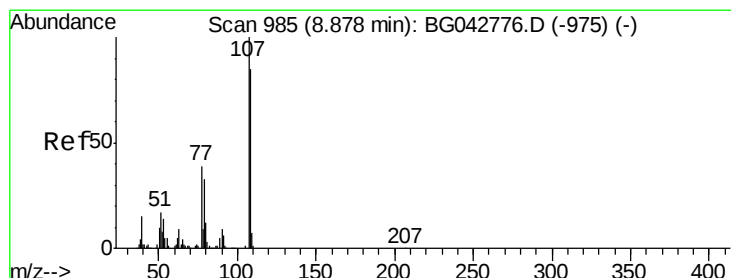
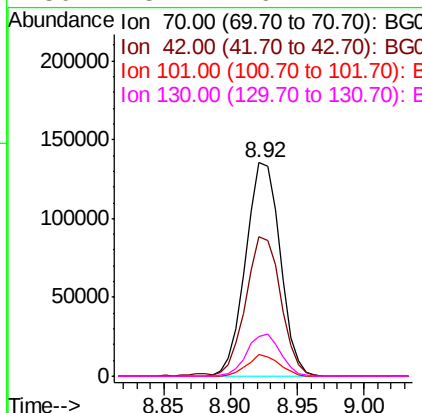
#19
n-Nitroso-di-n-propylamine
Concen: 43.374 ng
RT: 8.92 min Scan# 993
Delta R.T. -0.01 min
Lab File: BG042802.D
Acq: 13 Sep 2019 5:09

Instrument :
BNA_G
ClientSampleId :
PB123028BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	65.1	57.0	85.6		
101	10.1	8.4	12.6		
130	18.7	16.1	24.1		

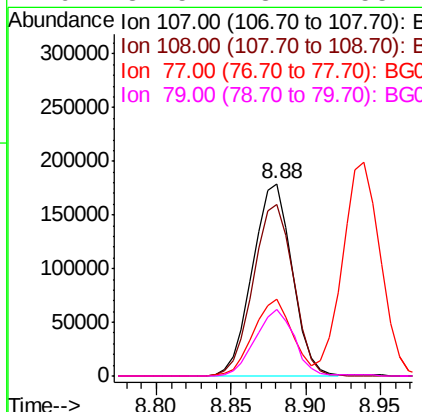
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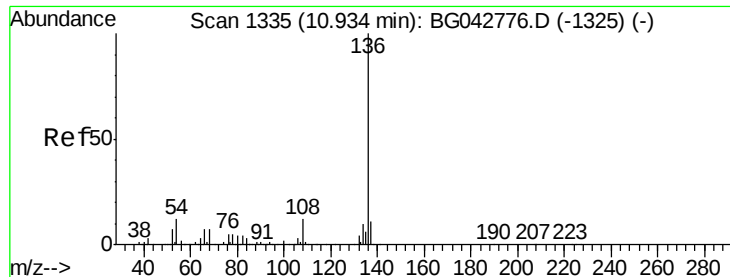
mohammad
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#20
3+4-Methylphenols
Concen: 45.806 ng
RT: 8.88 min Scan# 986
Delta R.T. 0.00 min
Lab File: BG042802.D
Acq: 13 Sep 2019 5:09

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	89.2	65.4	105.4		
77	40.0	18.7	58.7		
79	34.5	13.7	53.7		





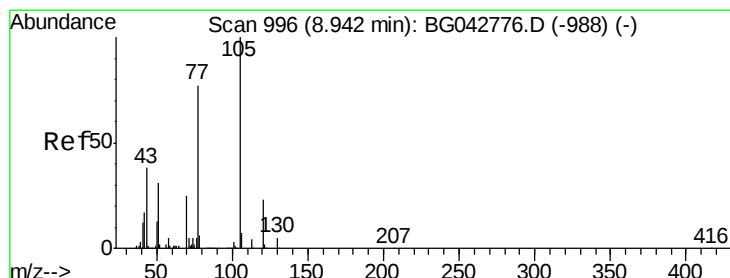
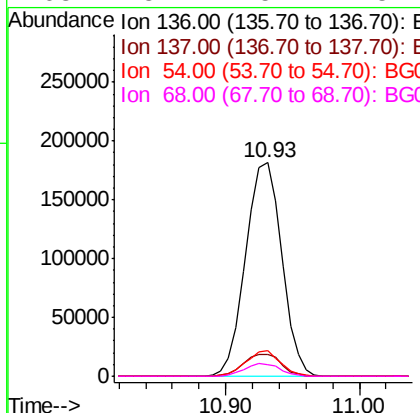
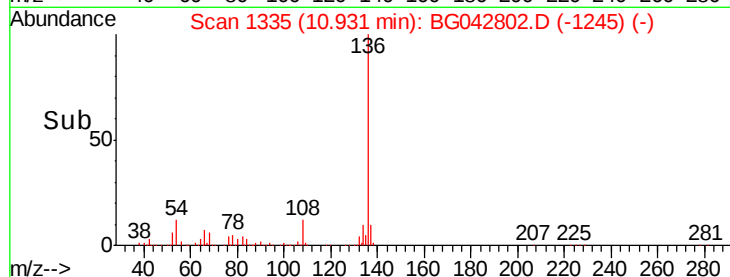
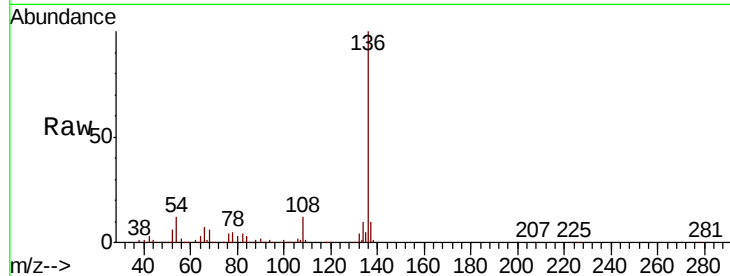
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1335
Delta R.T. -0.00 min
Lab File: BG042802.D
Acq: 13 Sep 2019 5:09

Instrument :
BNA_G
ClientSampleId :
PB123028BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		339279		
137	10.3	9.0	13.6		
54	12.0	9.4	14.0		
68	5.7	5.4	8.2		

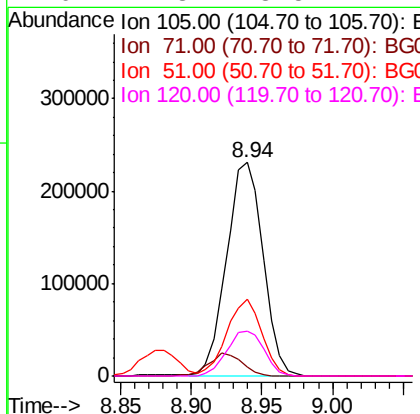
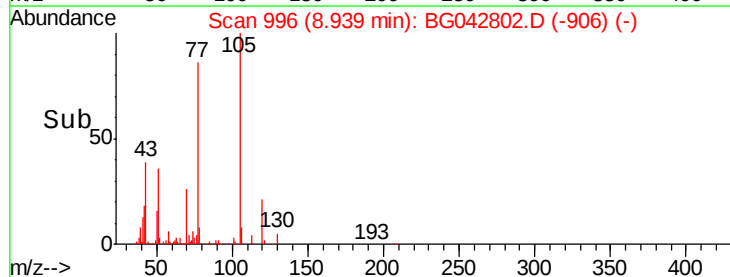
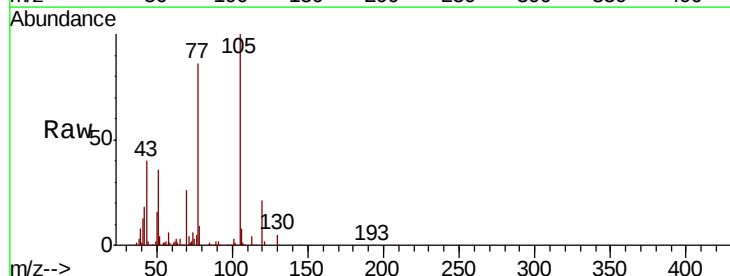
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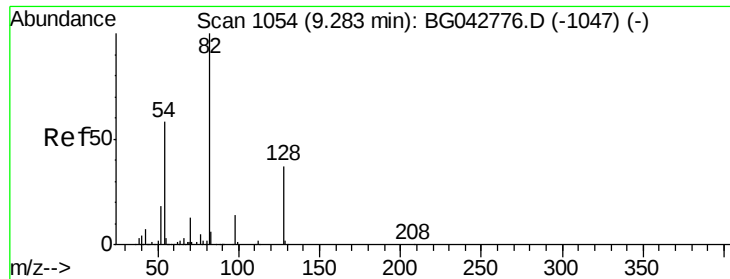
mohammad
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#22
Acetophenone
Concen: 48.433 ng
RT: 8.94 min Scan# 996
Delta R.T. -0.00 min
Lab File: BG042802.D
Acq: 13 Sep 2019 5:09

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		415003		
71	4.3	3.7	5.5		
51	35.8	28.8	43.2		
120	21.3	18.5	27.7		





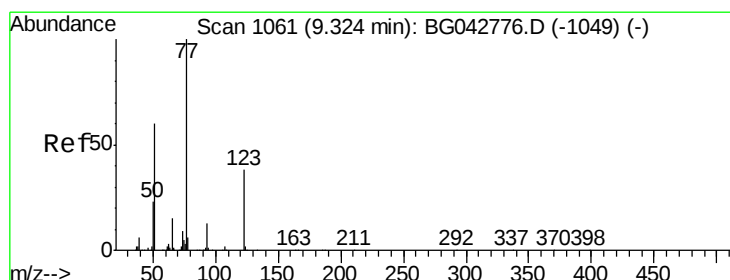
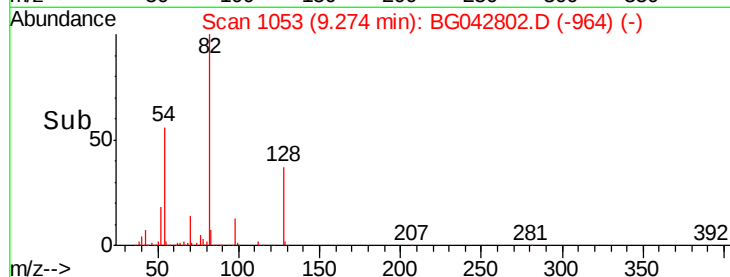
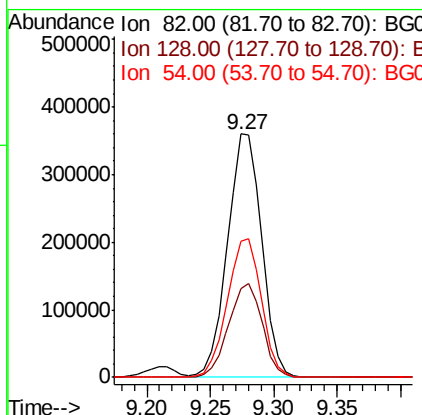
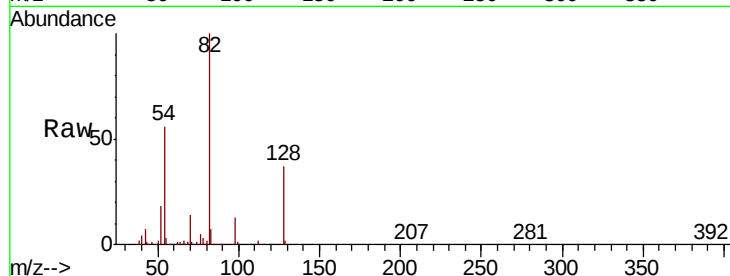
#23
Nitrobenzene-d5
Concen: 102.692 ng
RT: 9.27 min Scan# 1053
Delta R.T. -0.01 min
Lab File: BG042802.D
Acq: 13 Sep 2019 5:09

Instrument :
BNA_G
ClientSampleID :
PB123028BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	36.6	29.8	44.8	
54	55.8	46.1	69.1	

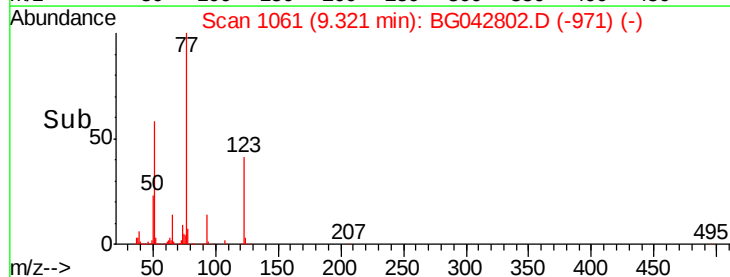
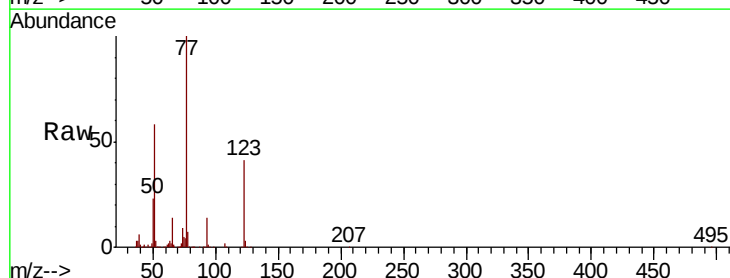
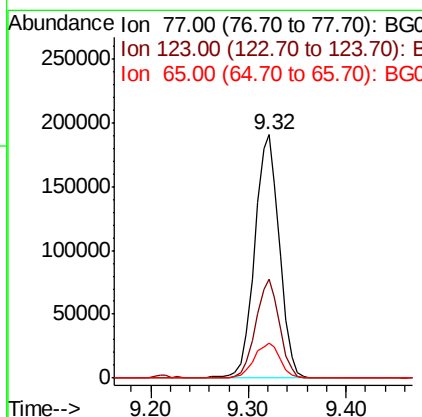
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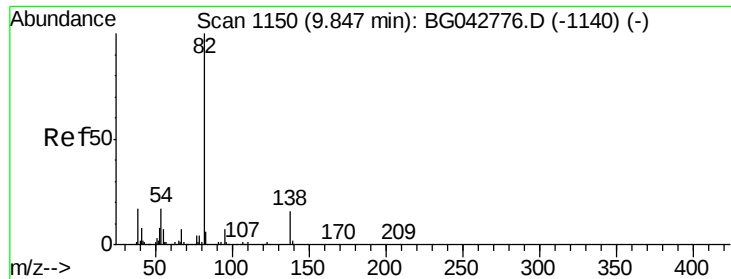
mohammad
9/16/2019 9:03:40 AM



#24
Nitrobenzene
Concen: 49.509 ng
RT: 9.32 min Scan# 1061
Delta R.T. -0.00 min
Lab File: BG042802.D
Acq: 13 Sep 2019 5:09

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	40.9	30.7	46.1	
65	14.2	12.2	18.4	





#25

Isophorone

Concen: 46.830 ng

RT: 9.85 min Scan# 1151

Delta R.T. 0.00 min

Lab File: BG042802.D

Acq: 13 Sep 2019 5:09

Instrument :

BNA_G

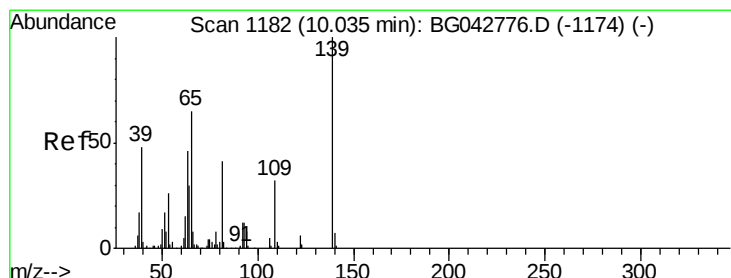
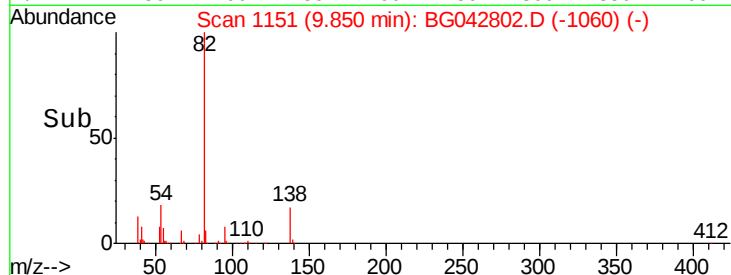
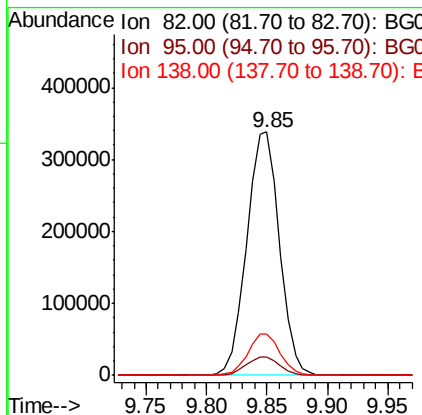
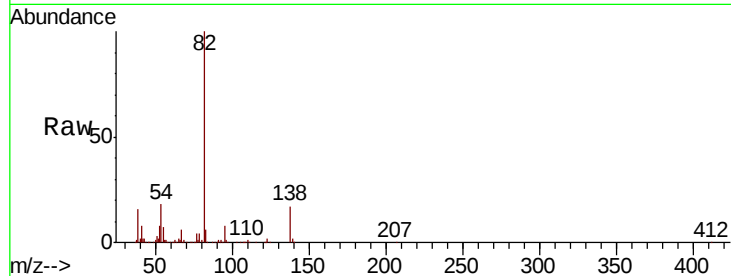
ClientSampleId :

PB123028BS

Tot Ion:	82	Resp:	636116
Ion Ratio	Lower	Upper	
82	100		
95	7.6	5.8	8.8
138	17.2	12.9	19.3

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#26

2-Nitrophenol

Concen: 52.751 ng

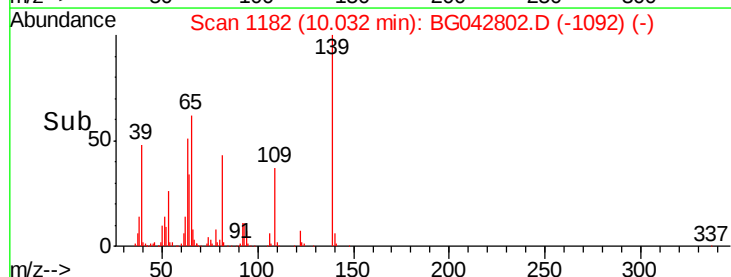
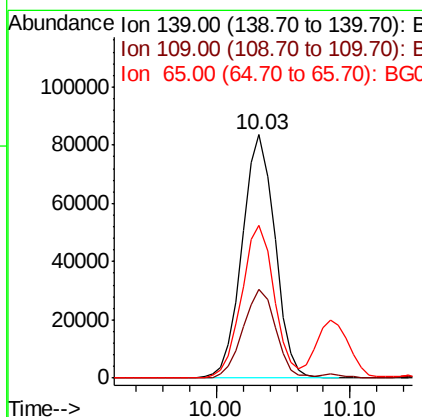
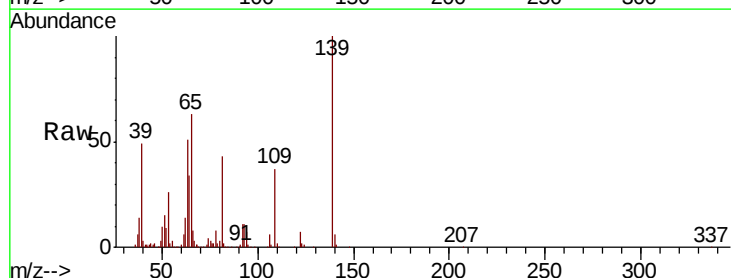
RT: 10.03 min Scan# 1182

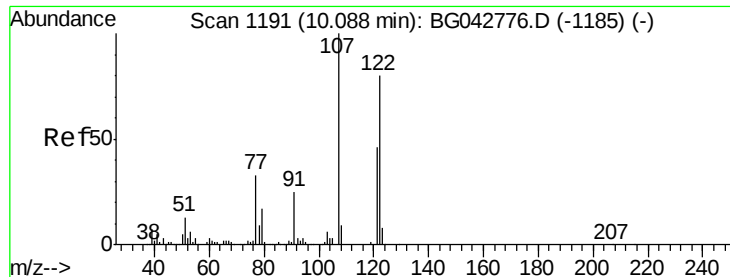
Delta R.T. -0.00 min

Lab File: BG042802.D

Acq: 13 Sep 2019 5:09

Tgt Ion:	139	Resp:	141888
Ion Ratio	Lower	Upper	
139	100		
109	36.6	25.8	38.8
65	62.7	52.2	78.2





#27

2,4-Dimethylphenol

Concen: 55.607 ng

RT: 10.08 min Scan# 1191

Delta R.T. -0.00 min

Lab File: BG042802.D

Acq: 13 Sep 2019 5:09

Instrument :

BNA_G

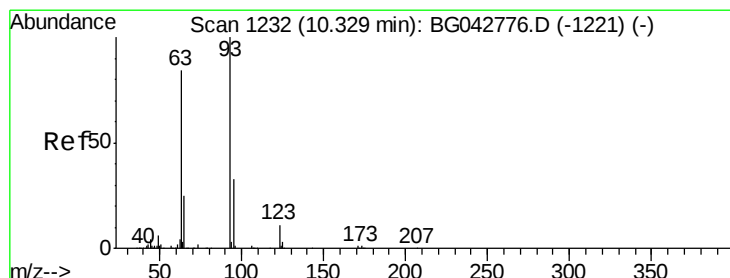
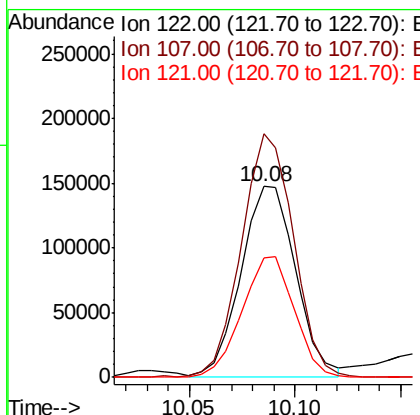
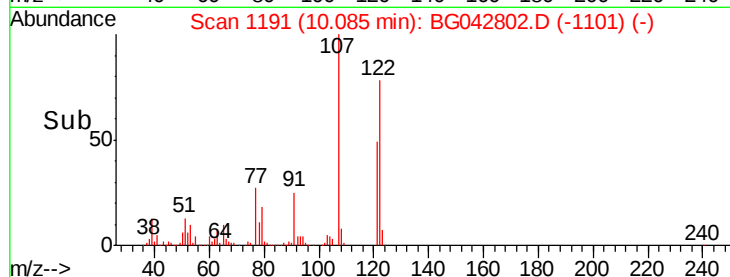
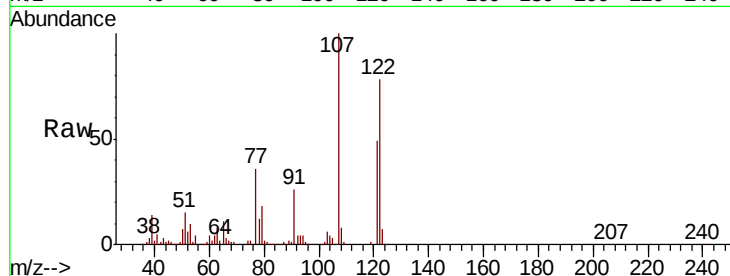
ClientSampleId :

PB123028BS

Tot Ion:	122	Resp:	264579
Ion Ratio	Lower	Upper	
122	100		
107	127.5	98.9	148.3
121	62.6	46.2	69.2

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#28

bis(2-Chloroethoxy)methane

Concen: 46.572 ng

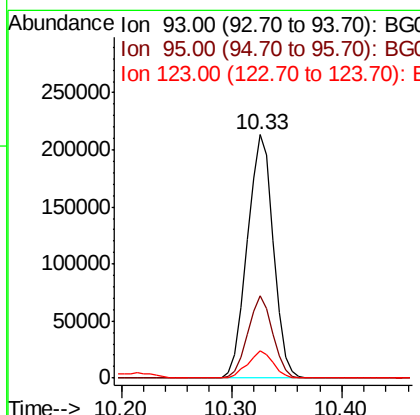
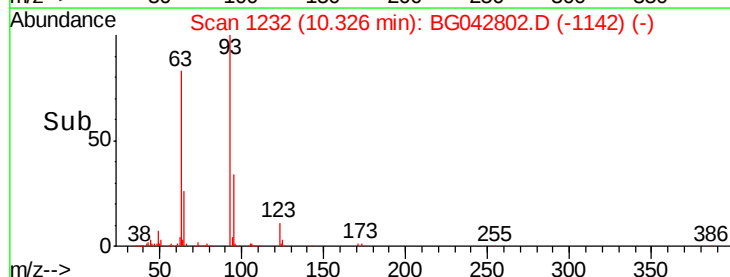
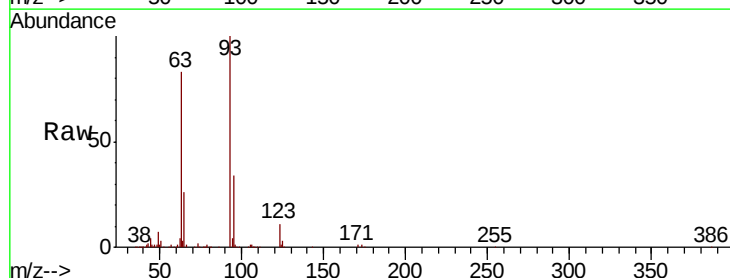
RT: 10.33 min Scan# 1232

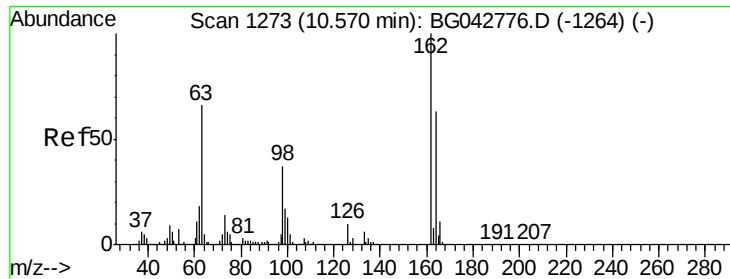
Delta R.T. -0.00 min

Lab File: BG042802.D

Acq: 13 Sep 2019 5:09

Tgt Ion:	93	Resp:	352796
Ion Ratio	Lower	Upper	
93	100		
95	33.7	26.6	40.0
123	11.0	9.0	13.6





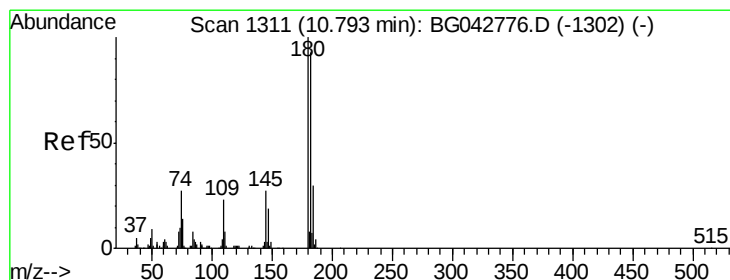
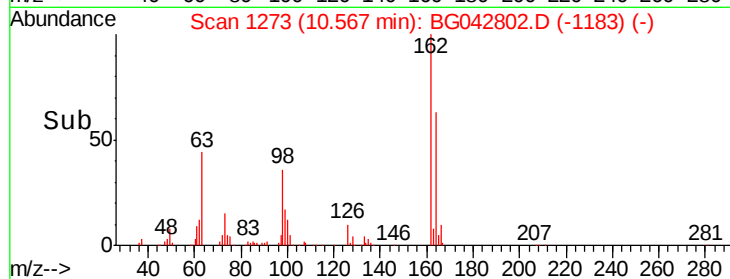
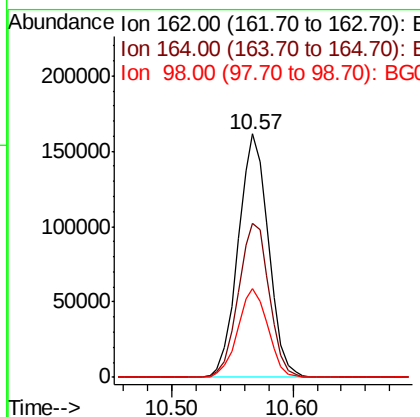
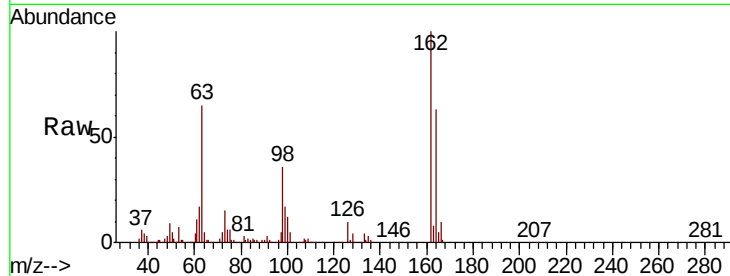
#29
 2,4-Dichlorophenol
 Concen: 50.970 ng
 RT: 10.57 min Scan# 1273
 Delta R.T. -0.00 min
 Lab File: BG042802.D
 Acq: 13 Sep 2019 5:09

Instrument :
 BNA_G
 ClientSampleId :
 PB123028BS

Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	63.1	43.4	83.4
98	36.2	17.0	57.0

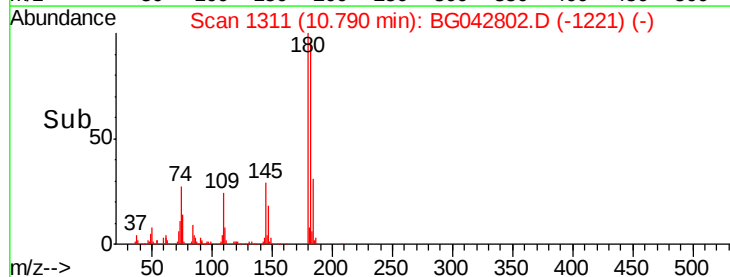
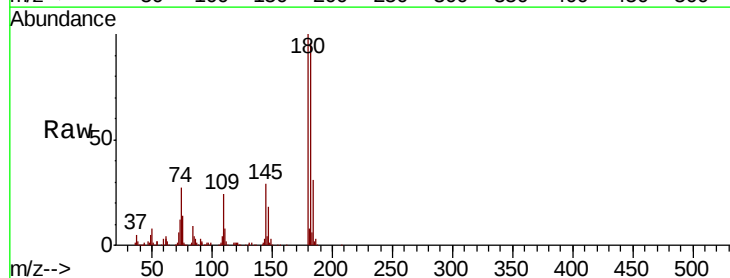
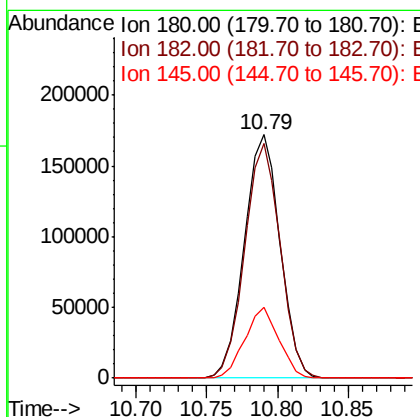
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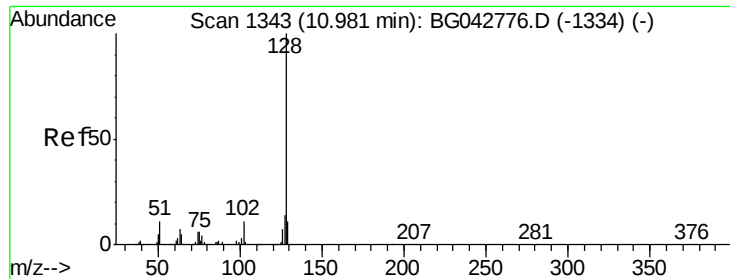
mohammad
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#30
 1,2,4-Trichlorobenzene
 Concen: 45.187 ng
 RT: 10.79 min Scan# 1311
 Delta R.T. -0.00 min
 Lab File: BG042802.D
 Acq: 13 Sep 2019 5:09

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	96.3	74.6	112.0
145	29.3	21.8	32.6





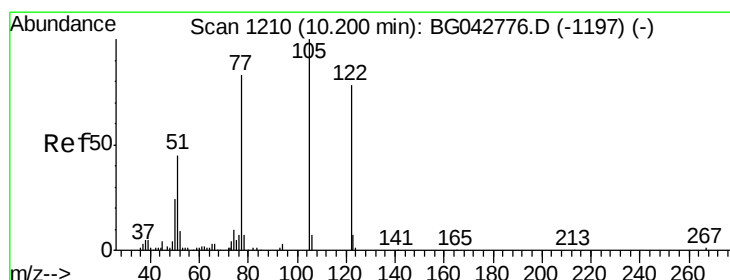
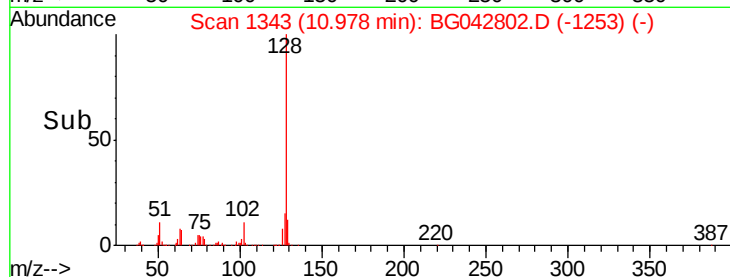
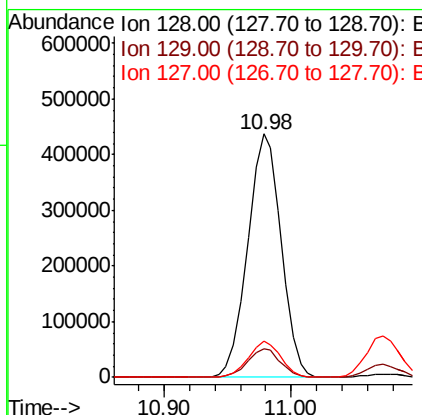
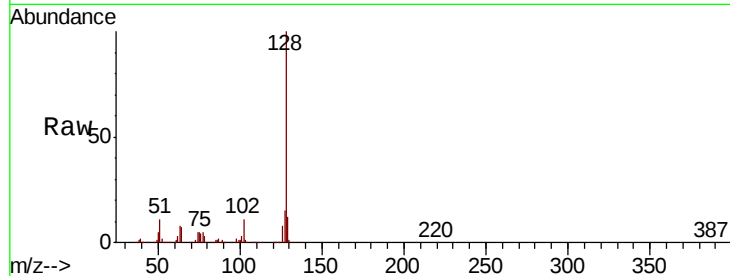
#31
Naphthalene
Concen: 47.793 ng
RT: 10.98 min Scan# 1343
Delta R.T. -0.00 min
Lab File: BG042802.D
Acq: 13 Sep 2019 5:09

Instrument :
BNA_G
ClientSampleId :
PB123028BS

Tot Ion	Ratio	Resp	Lower	Upper
128	100			
129	11.6	9.0	13.6	
127	15.1	11.4	17.2	

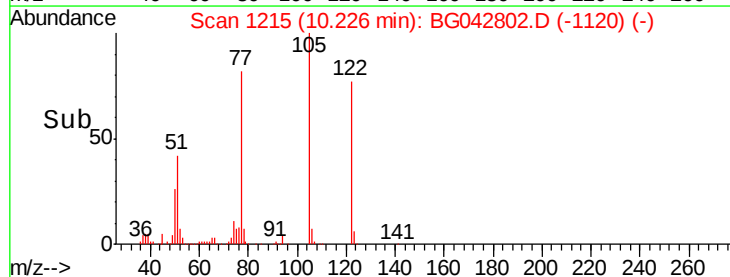
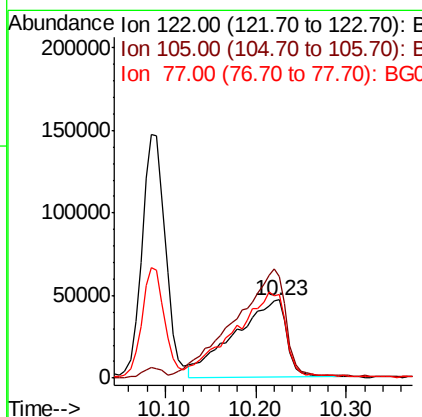
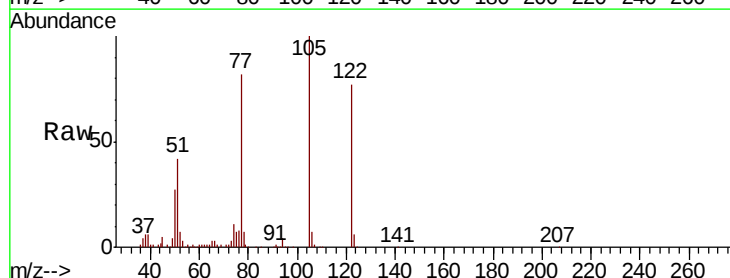
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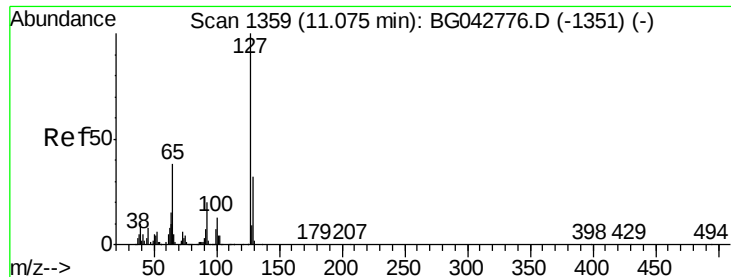
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#32
Benzoic acid
Concen: 48.597 ng
RT: 10.23 min Scan# 1215
Delta R.T. 0.03 min
Lab File: BG042802.D
Acq: 13 Sep 2019 5:09

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	129.5	104.0	144.0	
77	106.1	84.2	124.2	





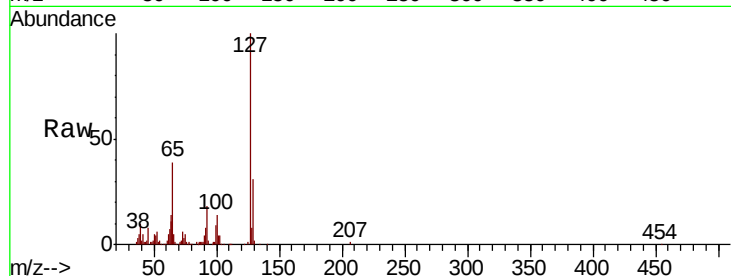
#33
4-Chloroaniline
Concen: 17.843 ng
RT: 11.07 min Scan# 1359
Delta R.T. -0.00 min
Lab File: BG042802.D
Acq: 13 Sep 2019 5:09

Instrument :
BNA_G
ClientSampleId :
PB123028BS

Tot Ion	Ratio	Resp	Lower	Upper
127	100	139700		
129	30.9	25.8	38.6	
65	39.1	30.5	45.7	
92	18.1	15.9	23.9	

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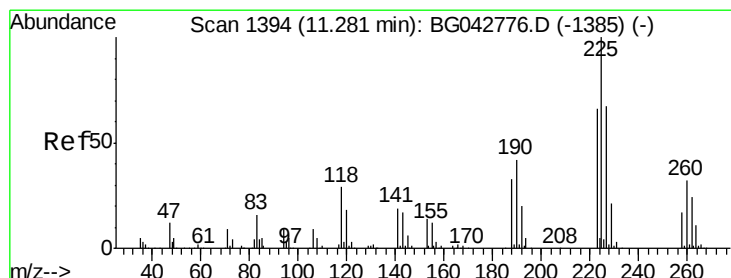
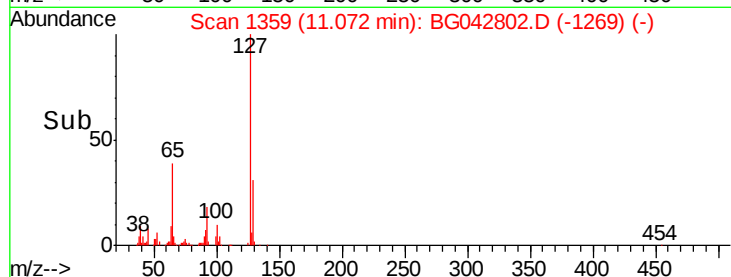
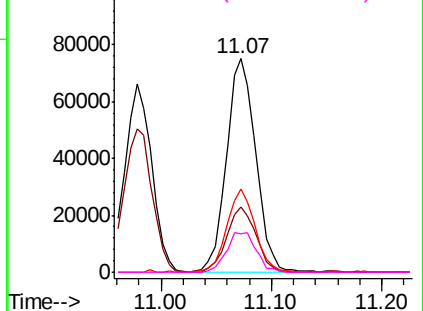
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

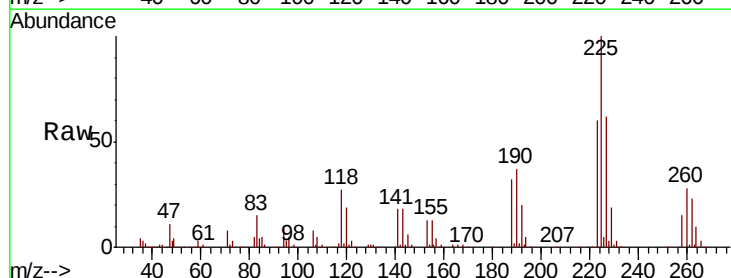
Ion 65.00 (64.70 to 65.70): BG

Ion 92.00 (91.70 to 92.70): BG



#34
Hexachlorobutadiene
Concen: 44.808 ng
RT: 11.27 min Scan# 1393
Delta R.T. -0.01 min
Lab File: BG042802.D
Acq: 13 Sep 2019 5:09

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	211930		
223	60.1	52.6	79.0	
227	61.7	53.6	80.4	

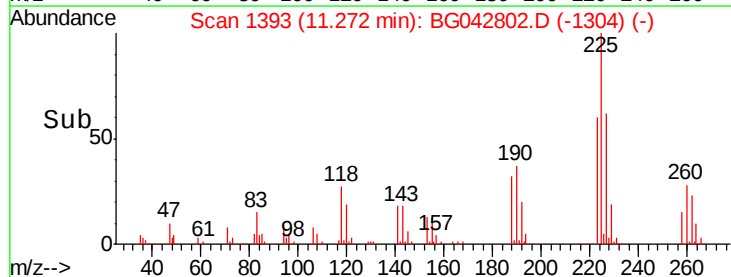
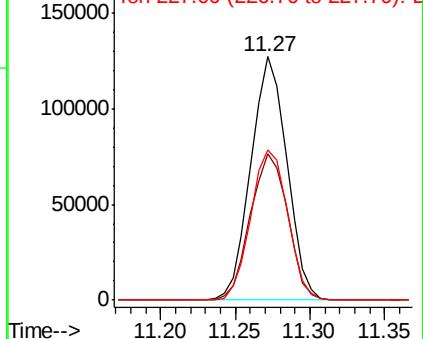


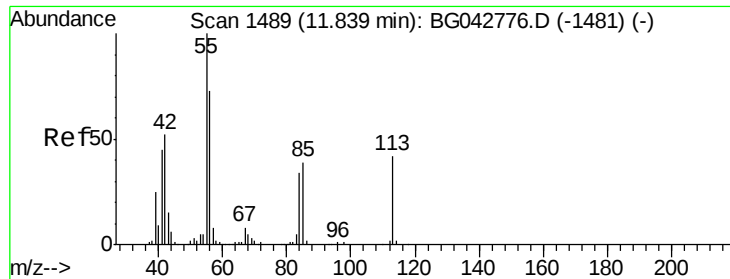
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





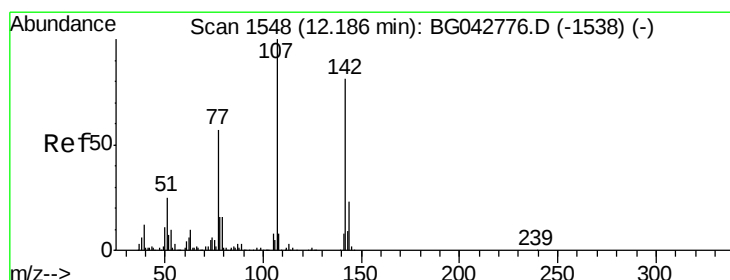
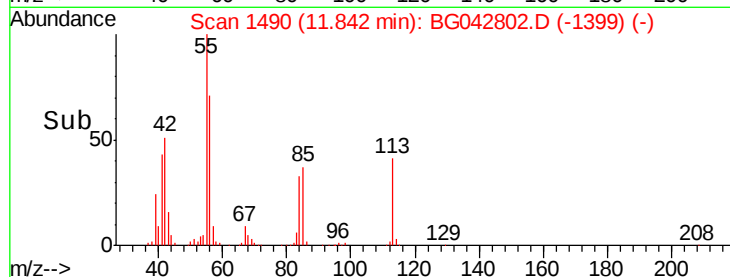
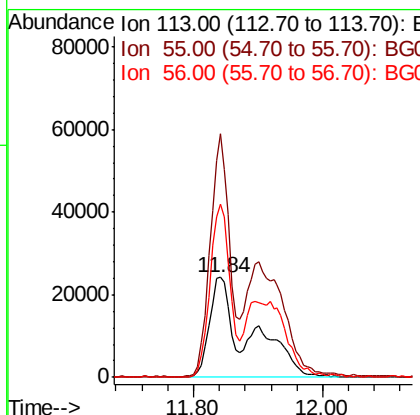
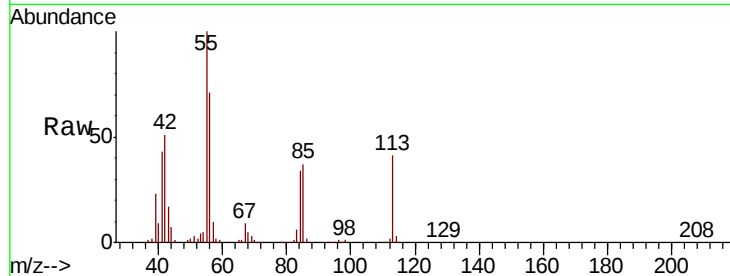
#35
 Caprolactam
 Concen: 49.154 ng/ml
 RT: 11.84 min Scan# 1490
 Delta R.T. 0.00 min
 Lab File: BG042802.D
 Acq: 13 Sep 2019 5:09

Instrument :
 BNA_G
 ClientSampleId :
 PB123028BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	244.1	218.4	258.4
56	173.2	154.8	194.8

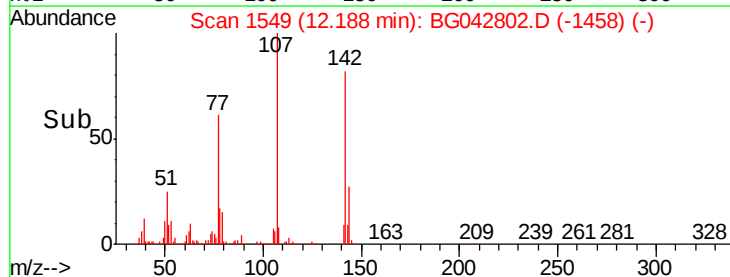
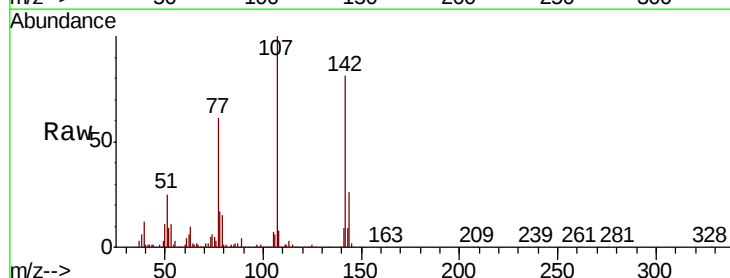
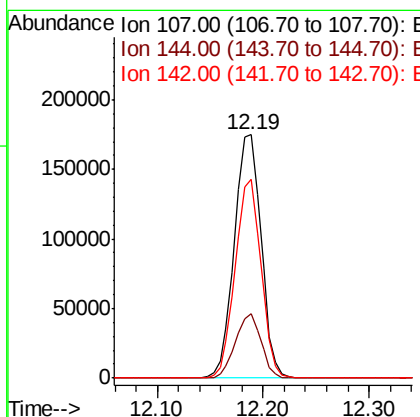
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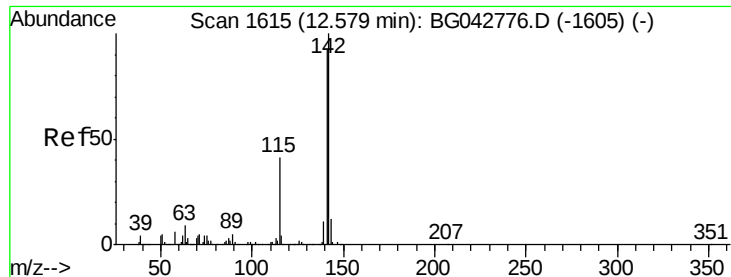
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#36
 4-Chloro-3-methylphenol
 Concen: 51.139 ng/ml
 RT: 12.19 min Scan# 1549
 Delta R.T. 0.00 min
 Lab File: BG042802.D
 Acq: 13 Sep 2019 5:09

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.5	18.7	28.1
142	81.5	65.0	97.4





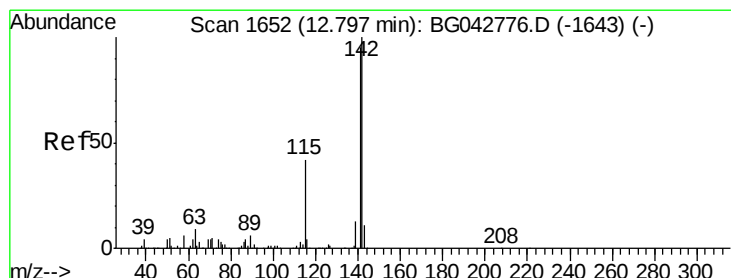
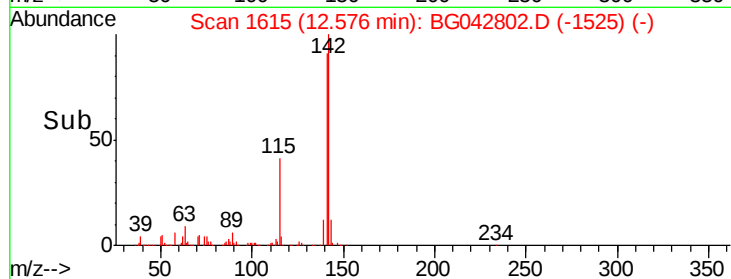
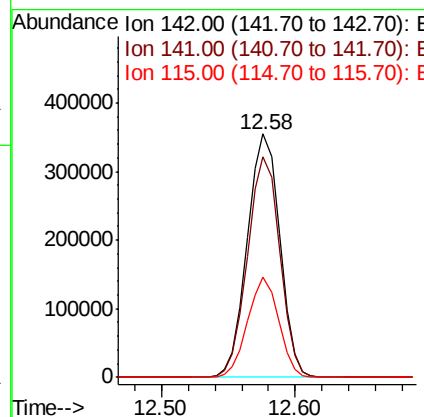
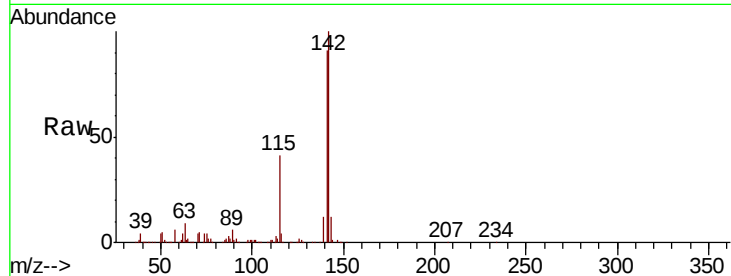
#37
2-Methylnaphthalene
Concen: 47.506 ng
RT: 12.58 min Scan# 1615
Delta R.T. -0.00 min
Lab File: BG042802.D
Acq: 13 Sep 2019 5:09

Instrument :
BNA_G
ClientSampleId :
PB123028BS

Tot Ion	Ratio	Resp	Lower	Upper
142	100	596118		
141	90.8	73.8	110.8	
115	41.2	33.0	49.4	

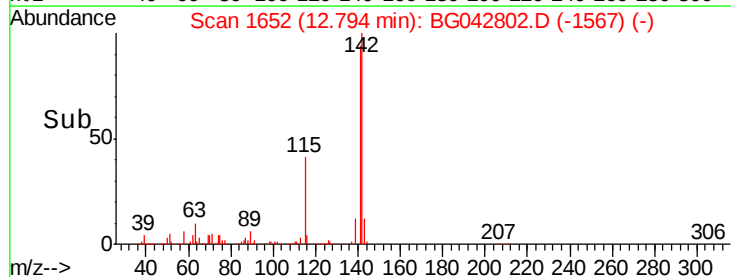
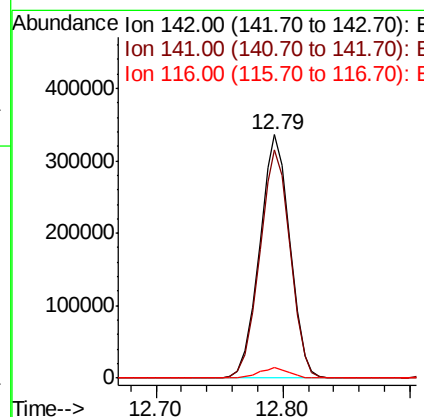
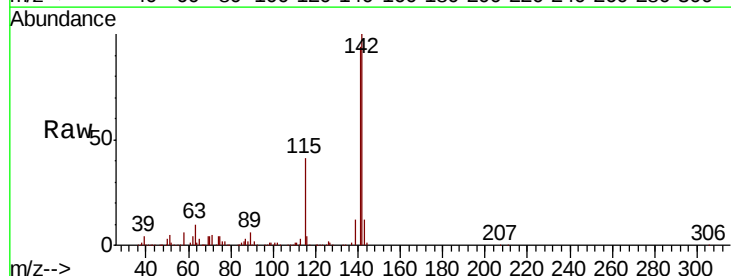
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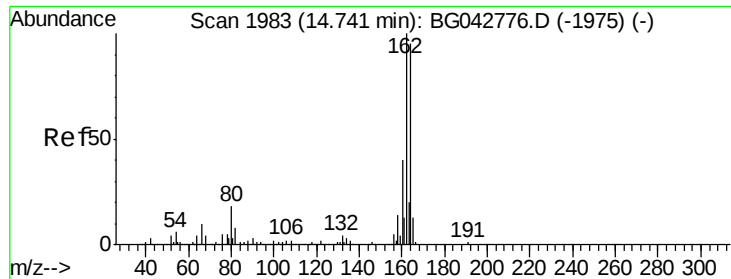
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#38
1-Methylnaphthalene
Concen: 47.390 ng
RT: 12.79 min Scan# 1652
Delta R.T. -0.00 min
Lab File: BG042802.D
Acq: 13 Sep 2019 5:09

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	557741		
141	93.5	76.3	114.5	
116	4.2	3.4	5.0	





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.74 min Scan# 1983

Delta R.T. -0.00 min

Lab File: BG042802.D

Acq: 13 Sep 2019 5:09

Instrument :

BNA_G

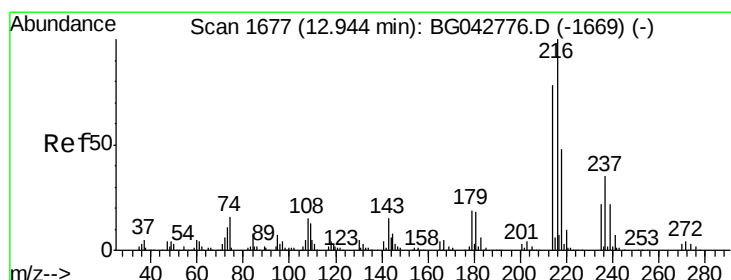
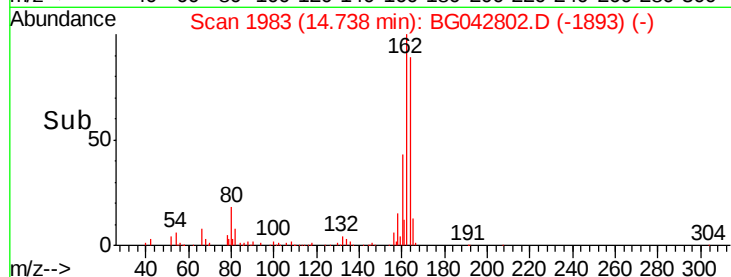
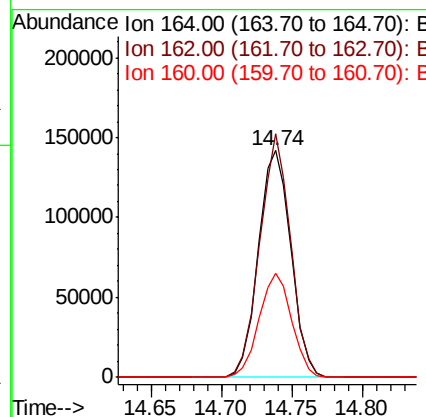
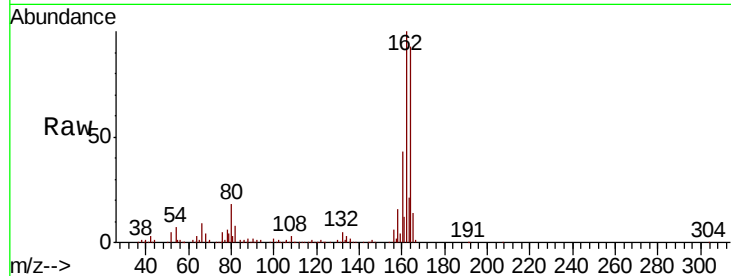
ClientSampleId :

PB123028BS

Tot Ion:	164	Resp:	228877
Ion Ratio	Lower	Upper	
164	100		
162	107.5	84.6	126.8
160	46.2	34.2	51.2

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 48.018 ng

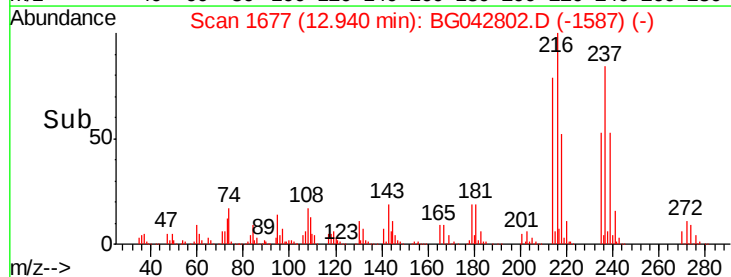
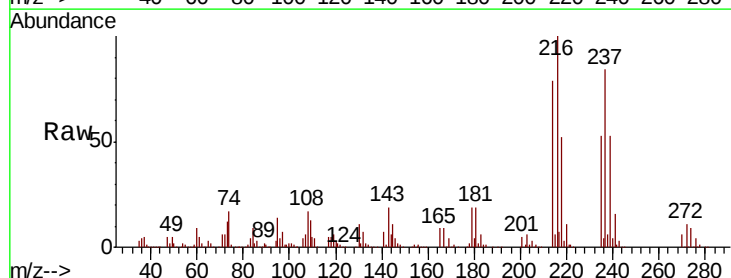
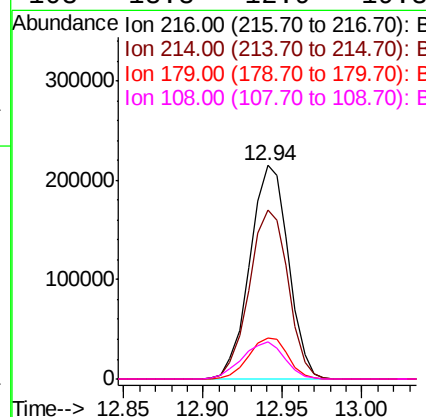
RT: 12.94 min Scan# 1677

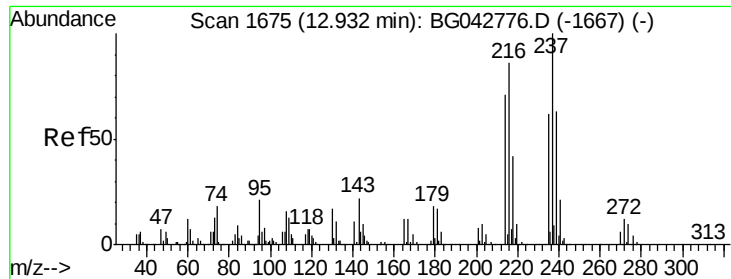
Delta R.T. -0.00 min

Lab File: BG042802.D

Acq: 13 Sep 2019 5:09

Tgt Ion:	216	Resp:	363169
Ion Ratio	Lower	Upper	
216	100		
214	79.9	62.8	94.2
179	19.7	15.3	22.9
108	18.8	12.9	19.3





#41

Hexachlorocyclopentadiene

Concen: 116.762 ng

RT: 12.93 min Scan# 1675

Delta R.T. -0.00 min

Lab File: BG042802.D

Acq: 13 Sep 2019 5:09

Instrument :

BNA_G

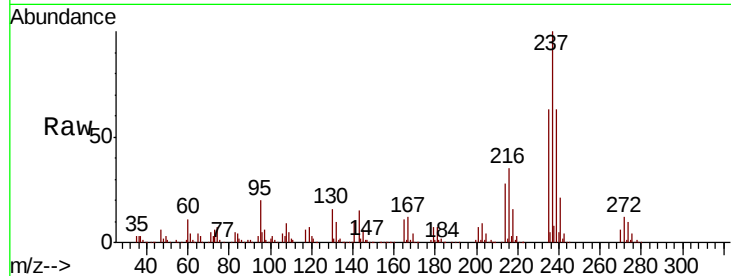
ClientSampleId :

PB123028BS

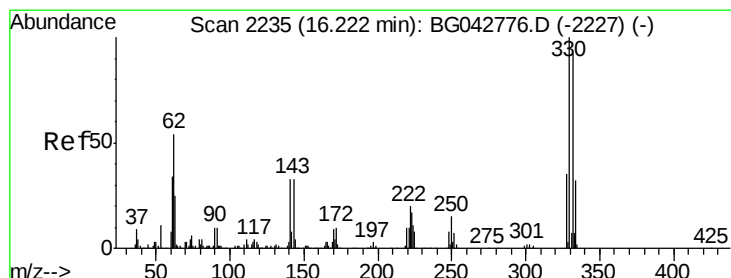
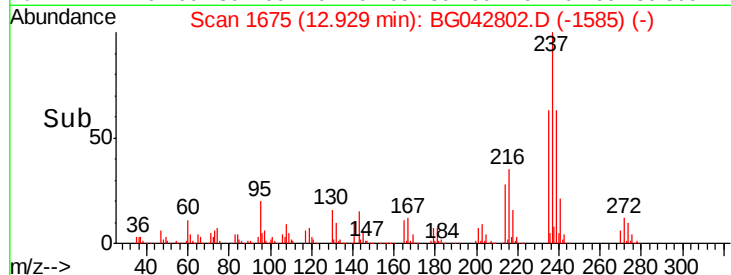
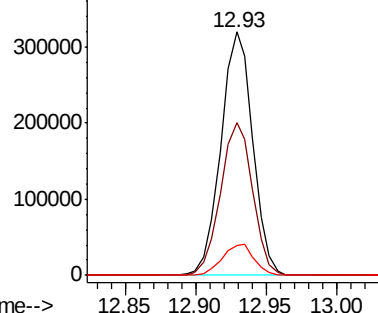
Tot Ion:	237	Resp:	505894
Ion Ratio		Lower	Upper
237	100		
235	62.6	41.9	81.9
272	12.4	0.0	31.6

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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: 152.777 ng

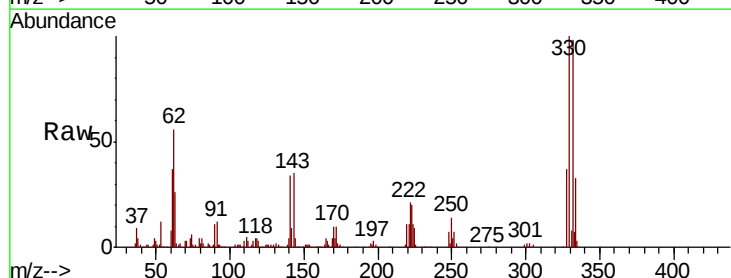
RT: 16.22 min Scan# 2235

Delta R.T. -0.00 min

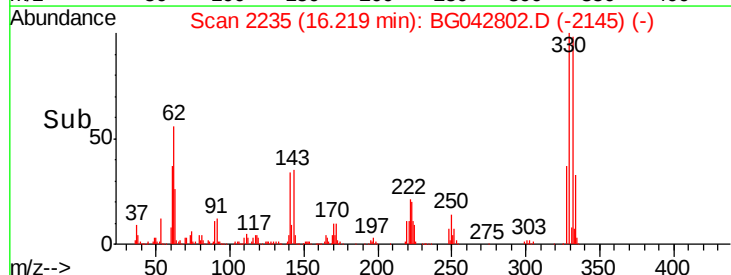
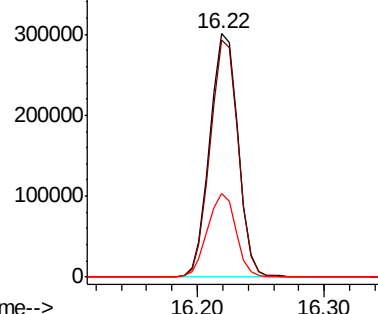
Lab File: BG042802.D

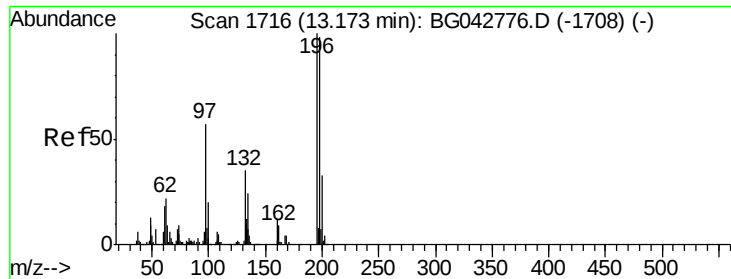
Acq: 13 Sep 2019 5:09

Tgt Ion:	330	Resp:	465210
Ion Ratio		Lower	Upper
330	100		
332	96.6	76.7	115.1
141	34.5	27.0	40.6



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





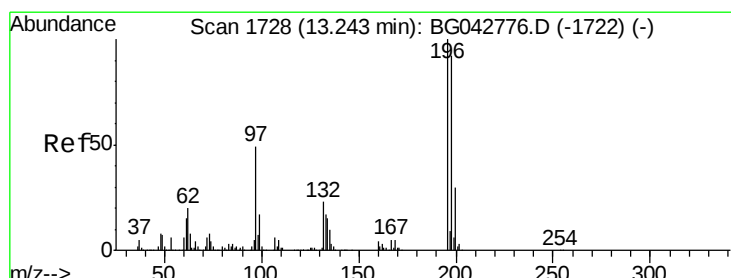
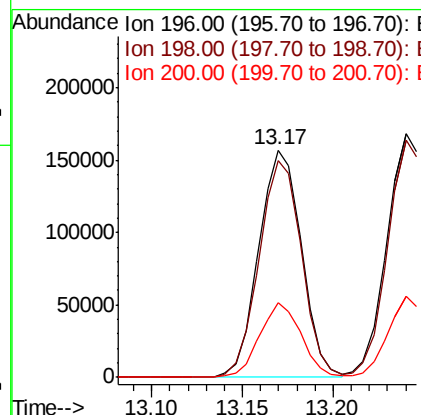
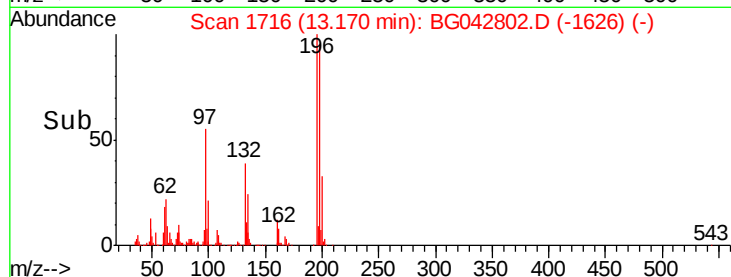
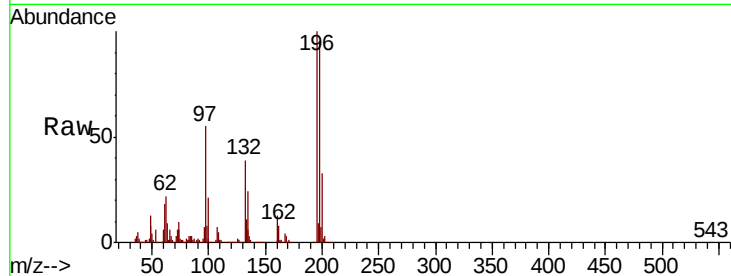
#43
 2,4,6-Trichlorophenol
 Concen: 50.827 ng
 RT: 13.17 min Scan# 1716
 Delta R.T. -0.00 min
 Lab File: BG042802.D
 Acq: 13 Sep 2019 5:09

Instrument :
 BNA_G
 ClientSampleId :
 PB123028BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	255921		
198	95.5	78.8	118.2	
200	33.1	26.2	39.4	

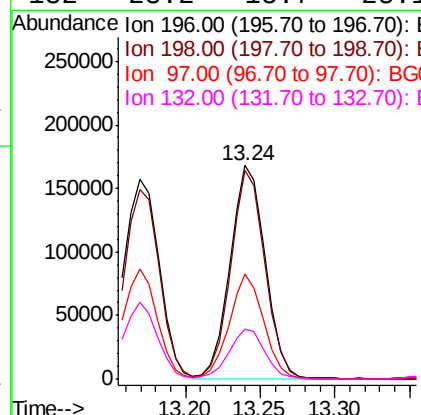
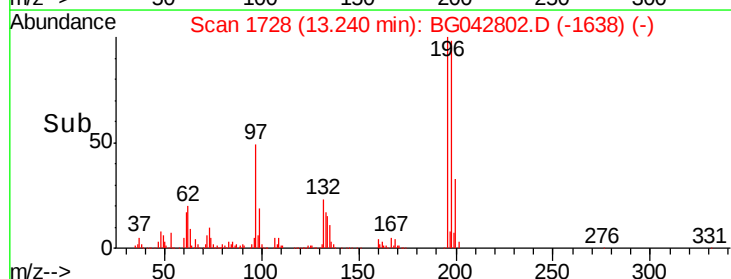
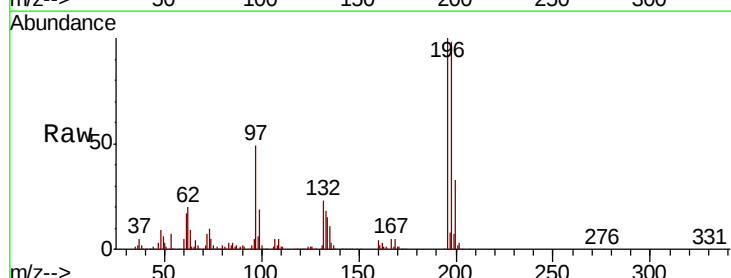
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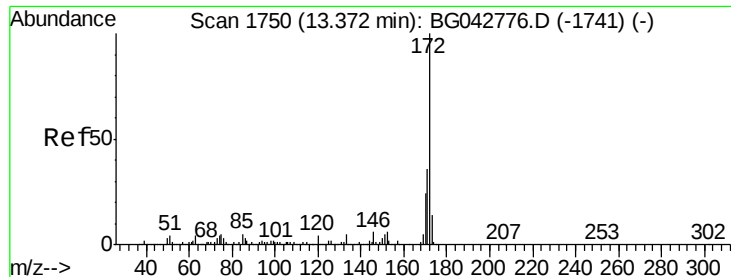
mohammad
 9/16/2019 9:03:40 AM



#44
 2,4,5-Trichlorophenol
 Concen: 53.472 ng
 RT: 13.24 min Scan# 1728
 Delta R.T. -0.00 min
 Lab File: BG042802.D
 Acq: 13 Sep 2019 5:09

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	275779		
198	97.6	73.4	110.0	
97	49.1	39.2	58.8	
132	23.2	18.7	28.1	





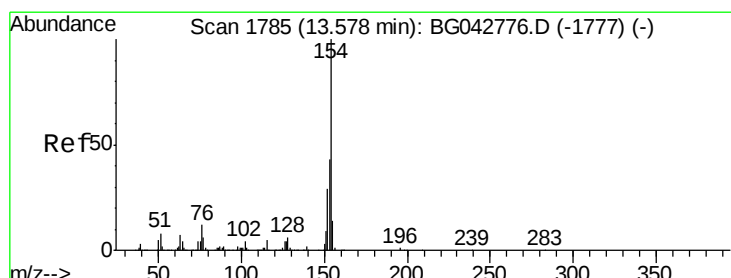
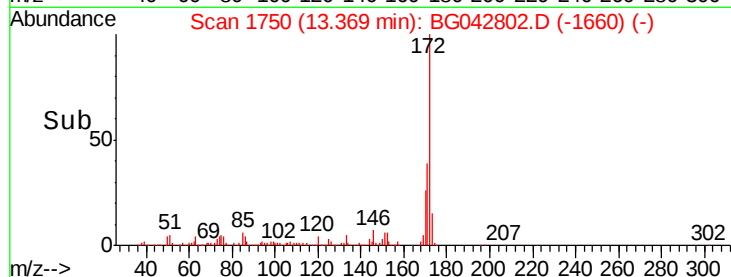
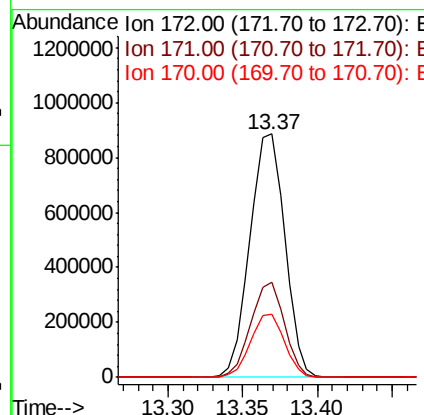
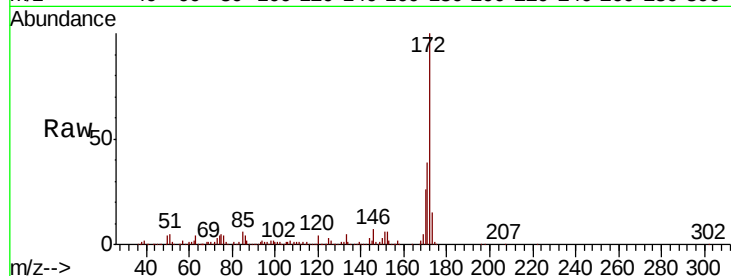
#45
2-Fluorobiphenyl
Concen: 99.373 ng
RT: 13.37 min Scan# 1750
Delta R.T. -0.00 min
Lab File: BG042802.D
Acq: 13 Sep 2019 5:09

Instrument :
BNA_G
ClientSampleId :
PB123028BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	39.1	28.9	43.3
170	25.9	19.1	28.7

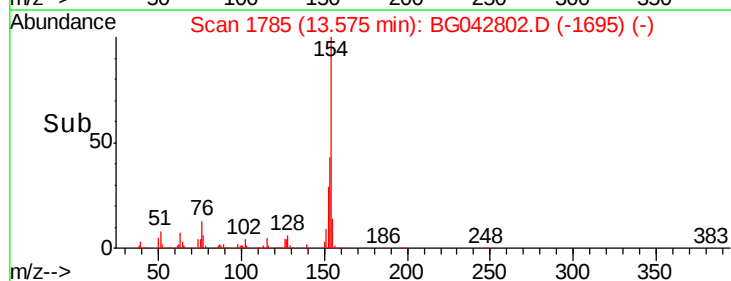
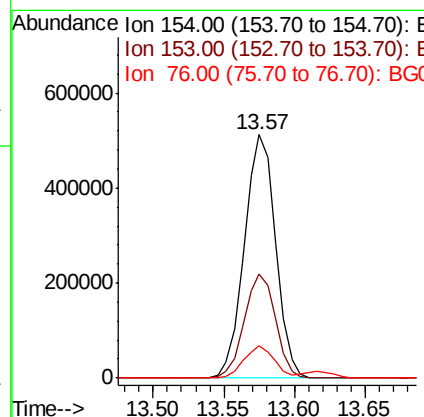
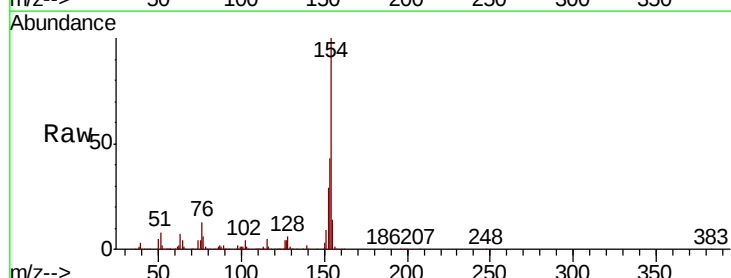
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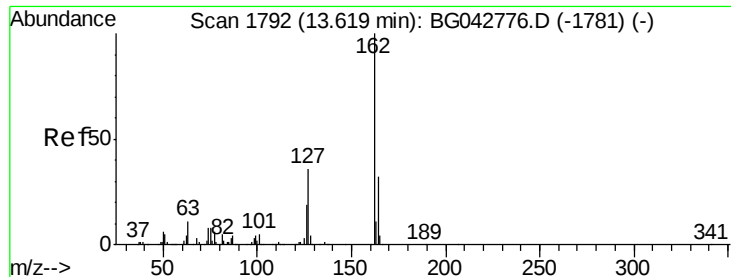
mohammad
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#46
1,1'-Biphenyl
Concen: 49.472 ng
RT: 13.57 min Scan# 1785
Delta R.T. -0.00 min
Lab File: BG042802.D
Acq: 13 Sep 2019 5:09

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.7	22.6	62.6
76	13.1	0.0	32.2





#47

2-Chloronaphthalene

Concen: 46.228 ng

RT: 13.62 min Scan# 1792

Delta R.T. -0.00 min

Lab File: BG042802.D

Acq: 13 Sep 2019 5:09

Instrument :

BNA_G

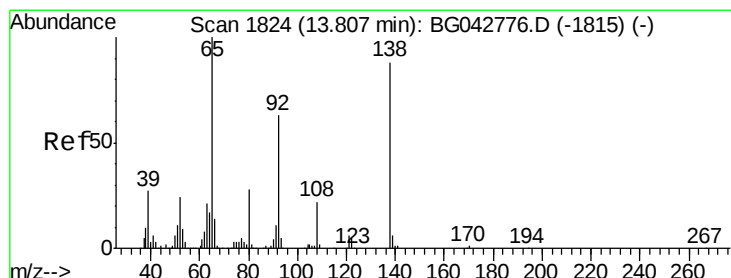
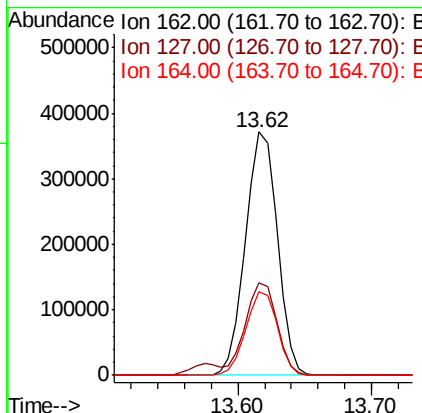
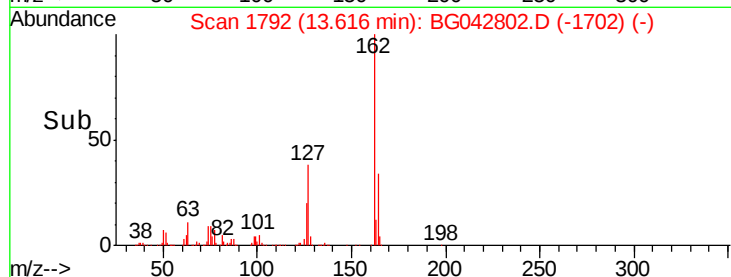
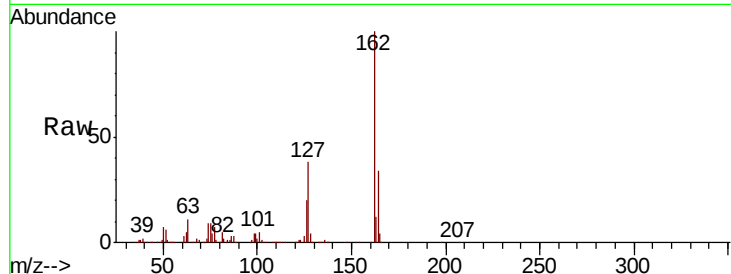
ClientSampleId :

PB123028BS

Tot Ion:	162	Resp:	612733
Ion Ratio		Lower	Upper
162	100		
127	38.2	29.3	43.9
164	34.4	26.0	39.0

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#48

2-Nitroaniline

Concen: 50.448 ng

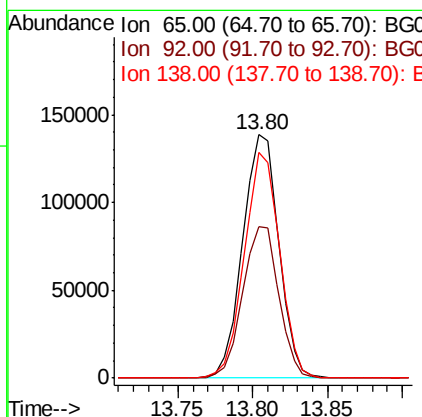
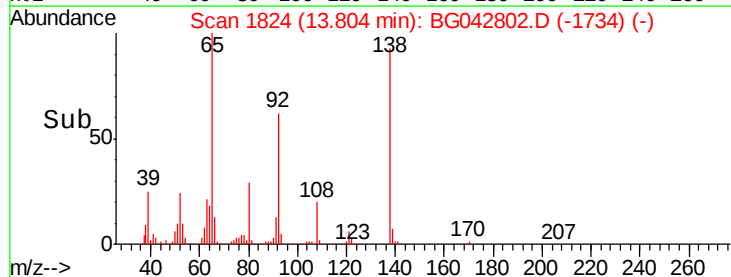
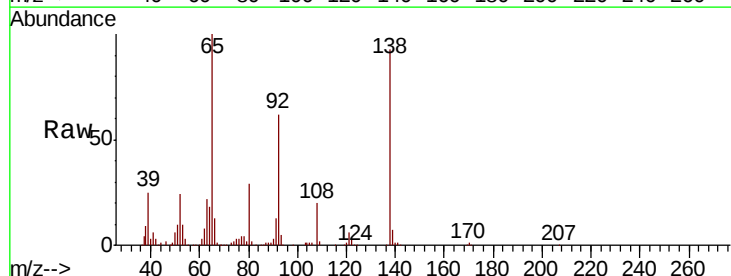
RT: 13.80 min Scan# 1824

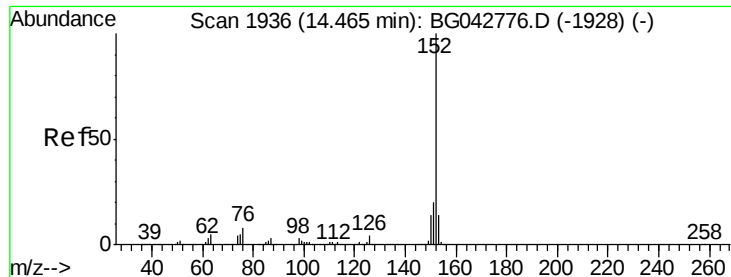
Delta R.T. -0.00 min

Lab File: BG042802.D

Acq: 13 Sep 2019 5:09

Tgt Ion:	65	Resp:	231959
Ion Ratio		Lower	Upper
65	100		
92	62.4	50.4	75.6
138	92.8	70.6	106.0





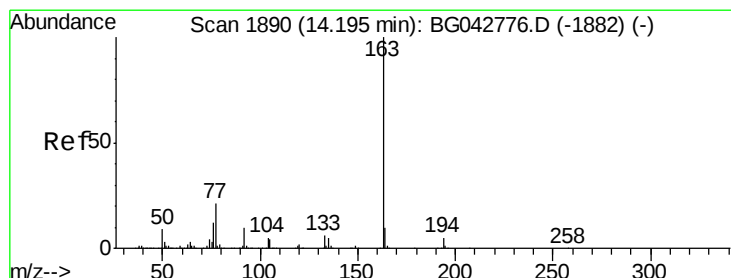
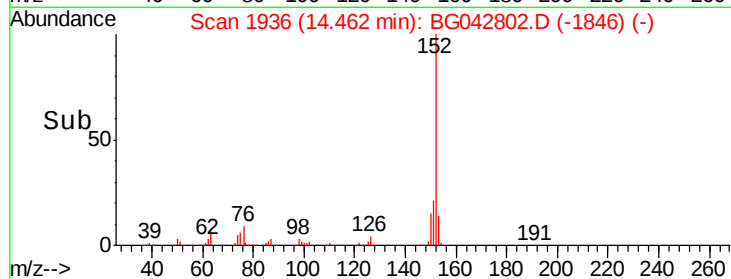
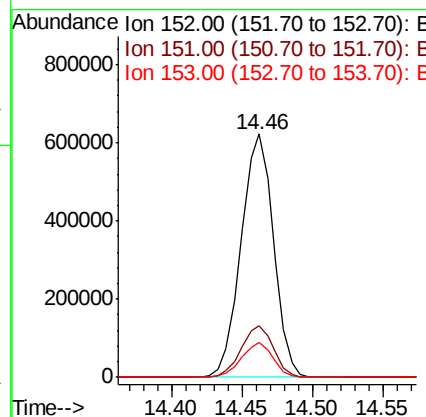
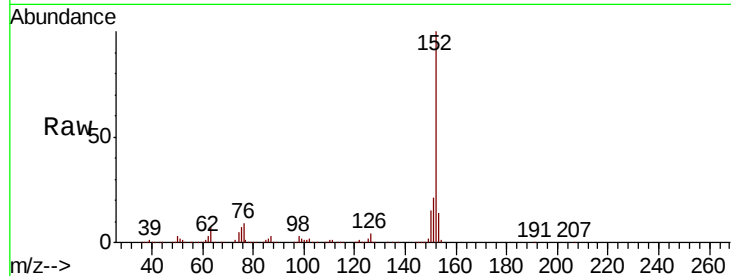
#49
Acenaphthylene
Concen: 49.298 ng
RT: 14.46 min Scan# 1936
Delta R.T. -0.00 min
Lab File: BG042802.D
Acq: 13 Sep 2019 5:09

Instrument :
BNA_G
ClientSampleId :
PB123028BS

Tot Ion	Ratio	Resp Lower	Upper
152	100		
151	21.1	16.0	24.0
153	14.4	11.4	17.0

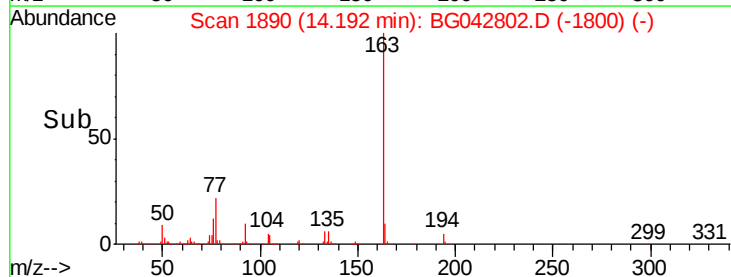
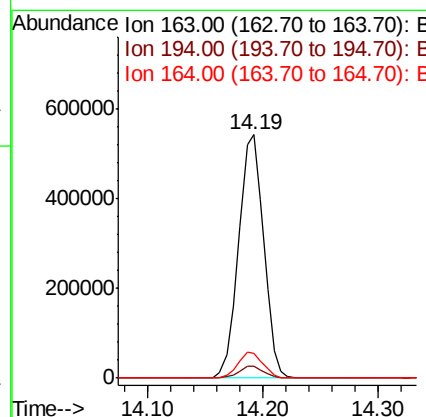
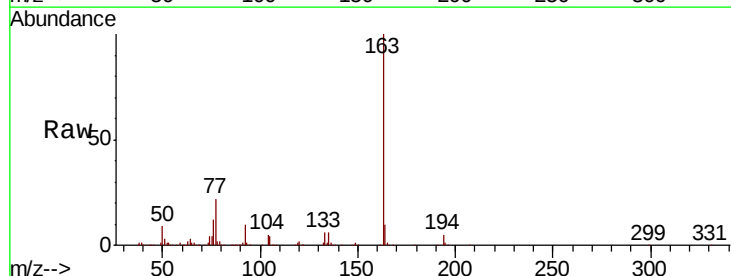
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#50
Dimethylphthalate
Concen: 47.529 ng
RT: 14.19 min Scan# 1890
Delta R.T. -0.00 min
Lab File: BG042802.D
Acq: 13 Sep 2019 5:09

Tgt Ion	Ratio	Resp Lower	Upper
163	100		
194	5.0	4.2	6.4
164	10.2	8.4	12.6





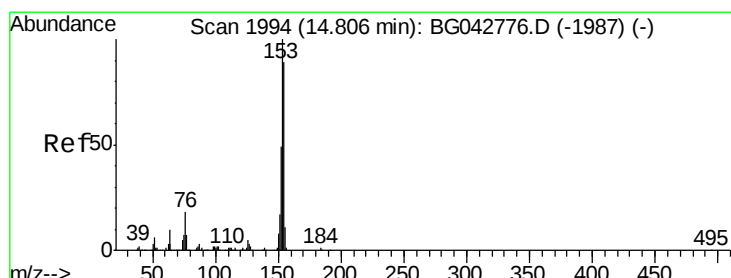
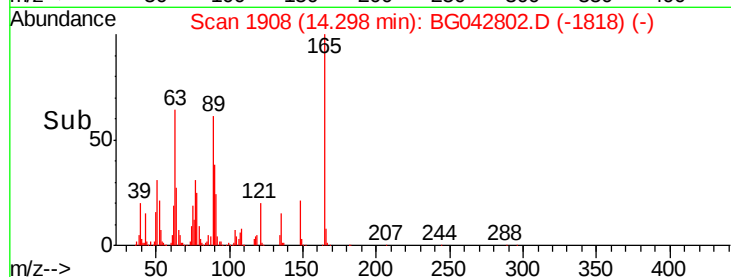
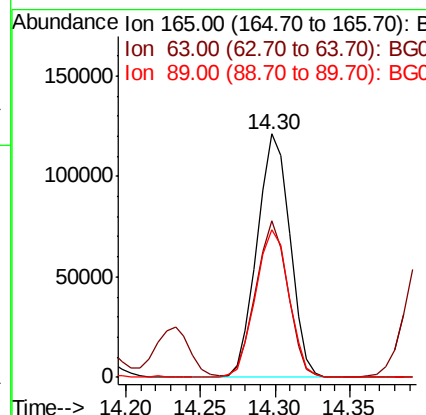
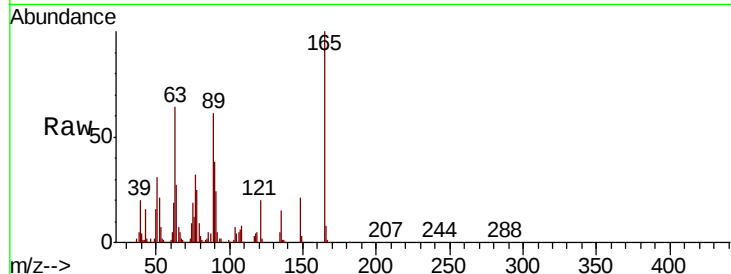
#51
2,6-Dinitrotoluene
Concen: 52.413 ng
RT: 14.30 min Scan# 1908
Delta R.T. -0.00 min
Lab File: BG042802.D
Acq: 13 Sep 2019 5:09

Instrument :
BNA_G
ClientSampleId :
PB123028BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	184397		
63	64.3	52.1	78.1	
89	60.6	51.7	77.5	

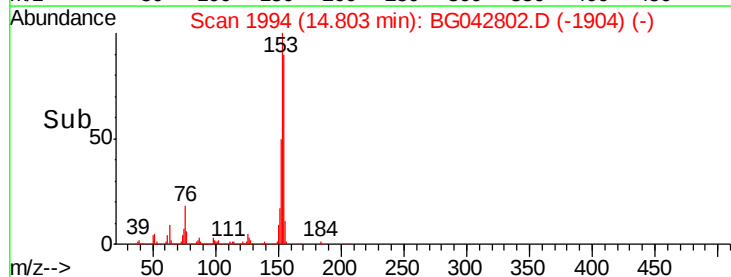
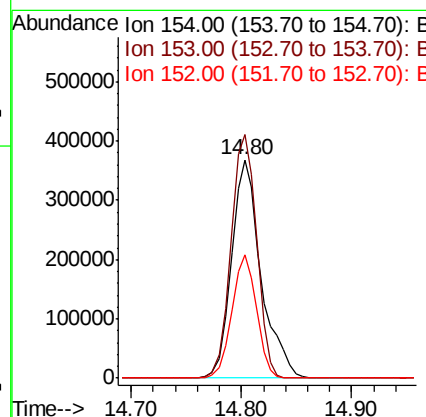
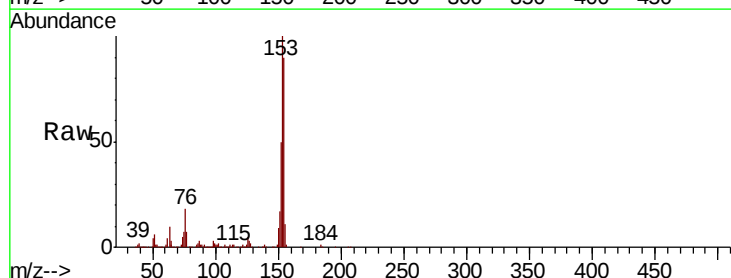
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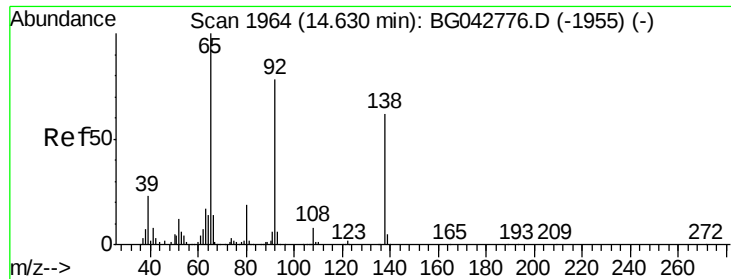
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#52
Acenaphthene
Concen: 52.078 ng
RT: 14.80 min Scan# 1994
Delta R.T. -0.00 min
Lab File: BG042802.D
Acq: 13 Sep 2019 5:09

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	689127		
153	111.5	89.4	134.2	
152	56.3	43.5	65.3	





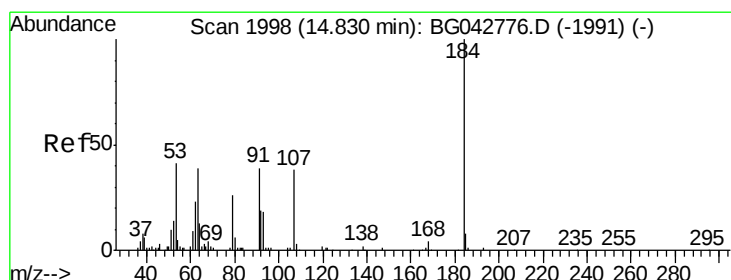
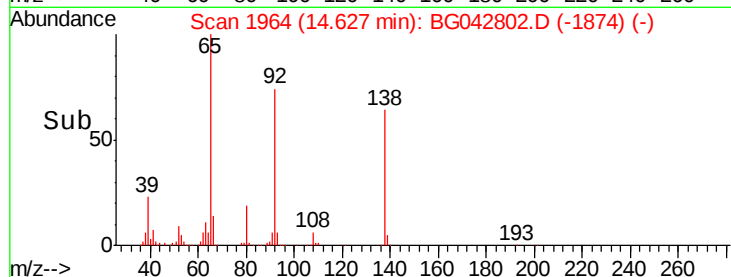
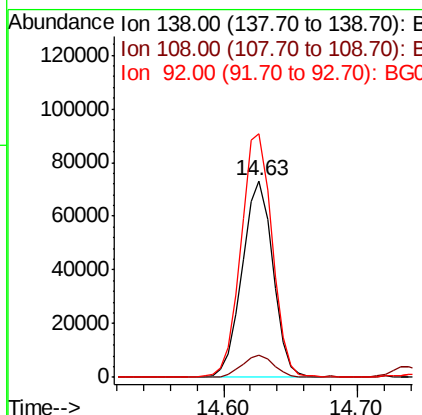
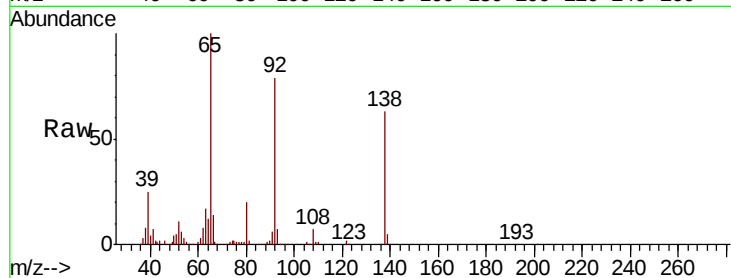
#53
3-Nitroaniline
Concen: 29.465 ng
RT: 14.63 min Scan# 1964
Delta R.T. -0.00 min
Lab File: BG042802.D
Acq: 13 Sep 2019 5:09

Instrument :
BNA_G
ClientSampleId :
PB123028BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.5	10.7	16.1
92	124.0	100.5	150.7

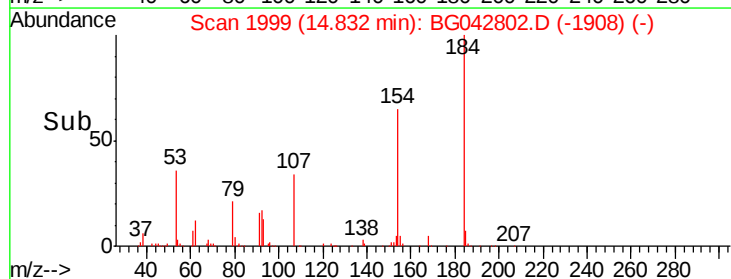
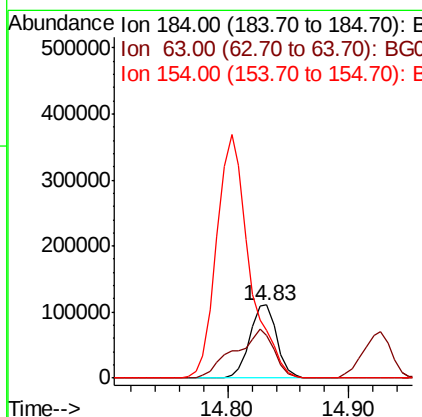
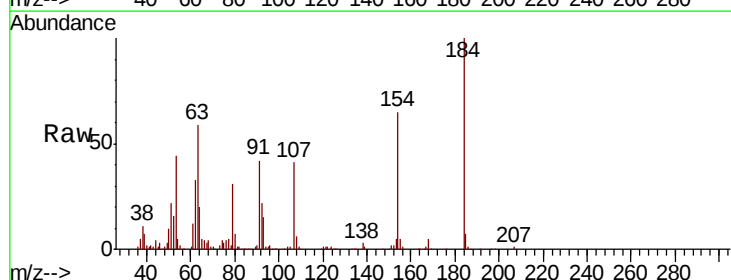
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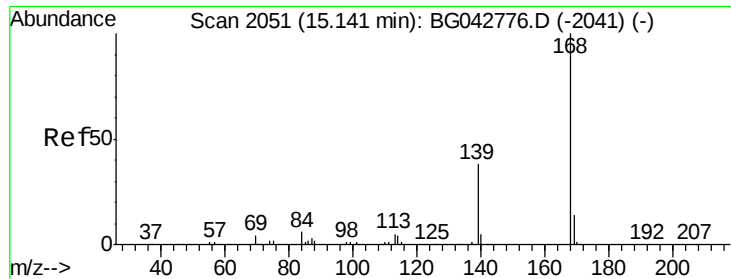
mohammad
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#54
2,4-Dinitrophenol
Concen: 100.545 ng
RT: 14.83 min Scan# 1999
Delta R.T. 0.00 min
Lab File: BG042802.D
Acq: 13 Sep 2019 5:09

Tgt Ion	Ratio	Lower	Upper
184	100		
63	59.3	46.2	69.4
154	65.2	81.3	121.9#





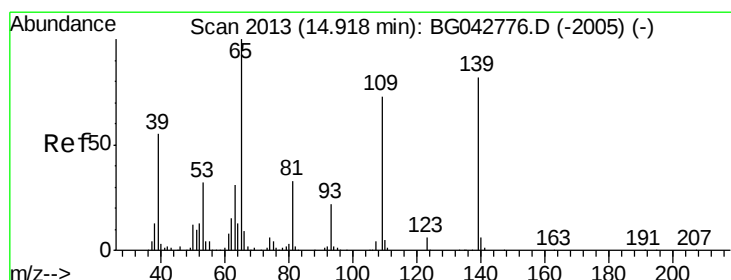
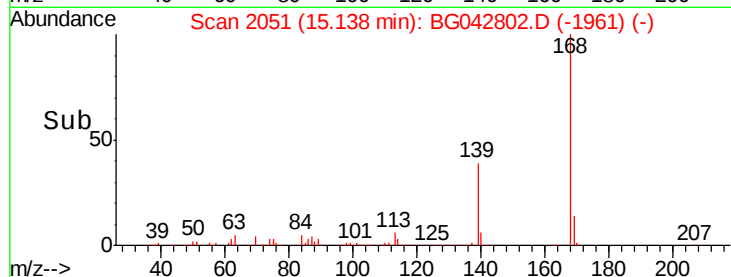
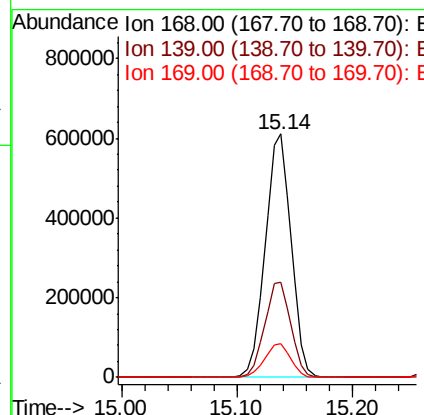
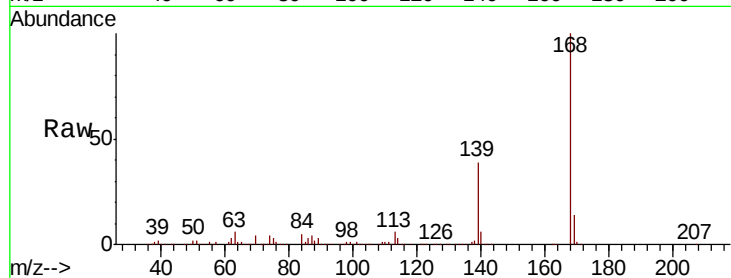
#55
Dibenzenofuran
Concen: 48.463 ng
RT: 15.14 min Scan# 2051
Delta R.T. -0.00 min
Lab File: BG042802.D
Acq: 13 Sep 2019 5:09

Instrument :
BNA_G
ClientSampleId :
PB123028BS

Tot Ion	Ratio	Resp	Lower	Upper
168	100	953208		
139	39.0		30.2	45.4
169	14.1		11.2	16.8

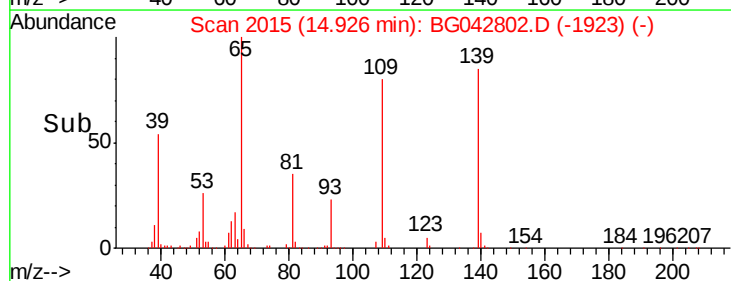
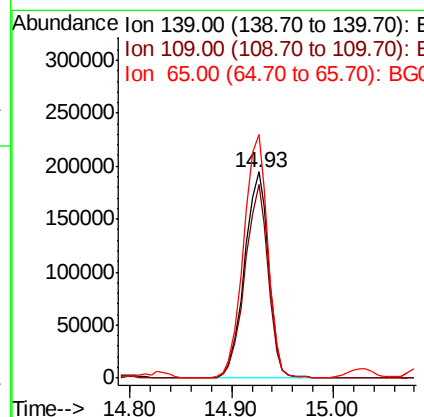
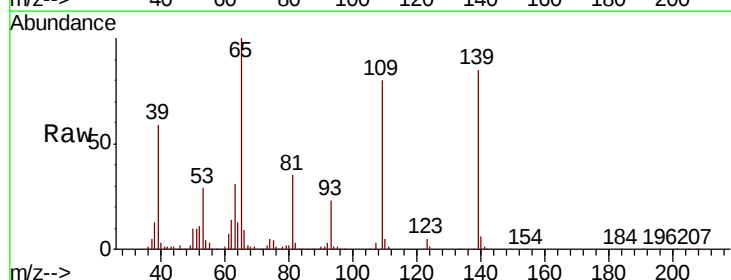
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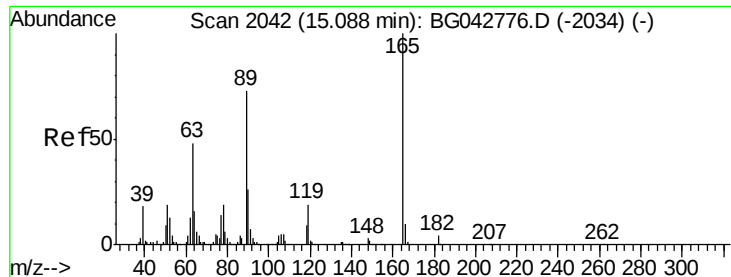
mohammad
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#56
4-Nitrophenol
Concen: 105.159 ng
RT: 14.93 min Scan# 2015
Delta R.T. 0.01 min
Lab File: BG042802.D
Acq: 13 Sep 2019 5:09

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	321043		
109	94.2		69.4	109.4
65	118.2		102.5	142.5





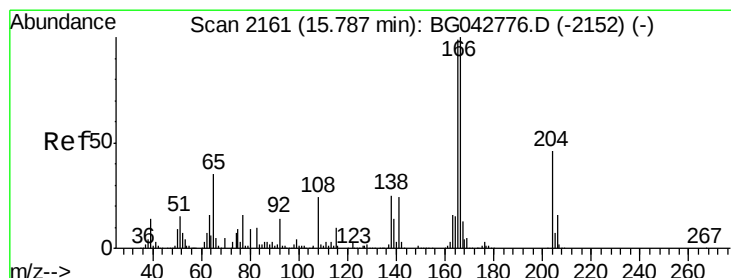
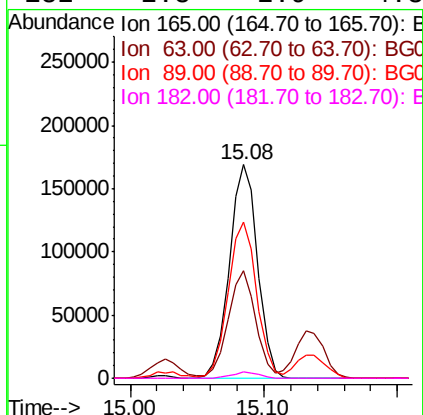
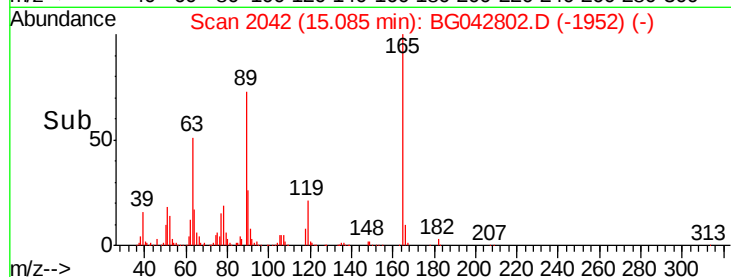
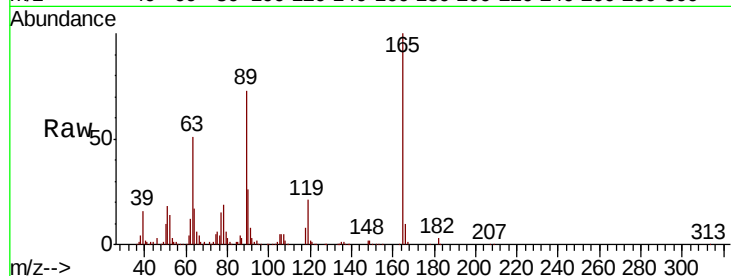
#57
2,4-Dinitrotoluene
Concen: 52.925 ng
RT: 15.08 min Scan# 2042
Delta R.T. -0.00 min
Lab File: BG042802.D
Acq: 13 Sep 2019 5:09

Instrument :
BNA_G
ClientSampled :
PB123028BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	248187		
63	50.6	38.3	57.5	
89	73.3	58.4	87.6	
182	2.8	2.9	4.3	

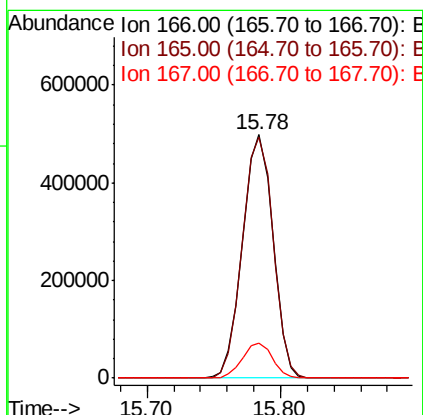
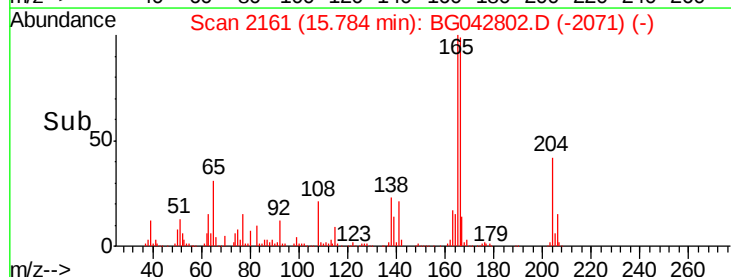
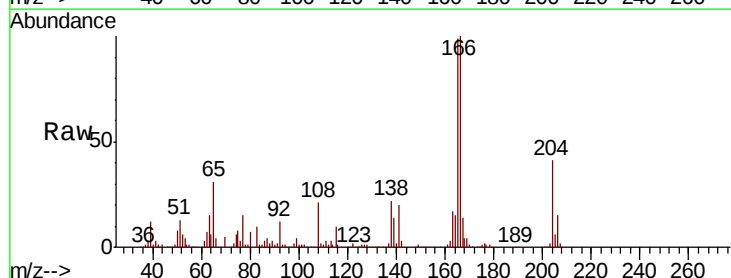
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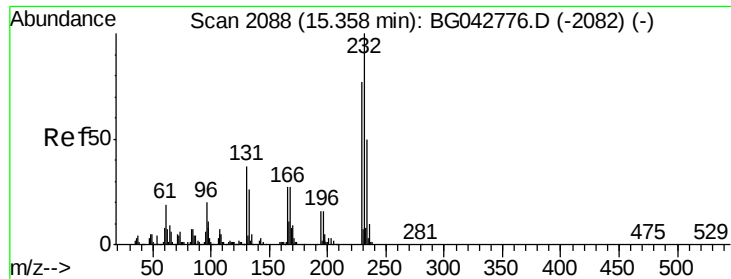
mohammad
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#58
Fluorene
Concen: 48.251 ng
RT: 15.78 min Scan# 2161
Delta R.T. -0.00 min
Lab File: BG042802.D
Acq: 13 Sep 2019 5:09

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	786531		
165	99.1	79.1	118.7	
167	14.4	10.7	16.1	





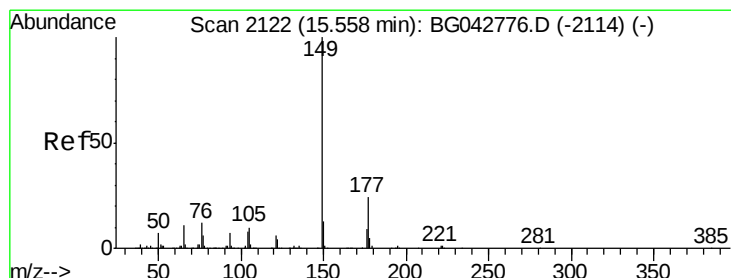
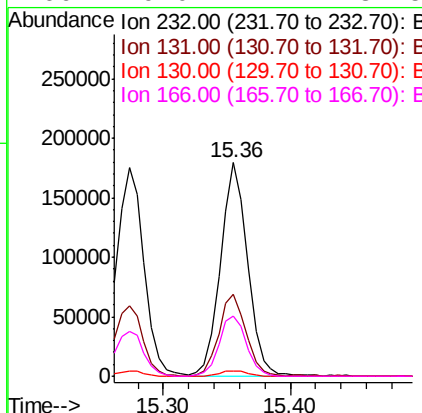
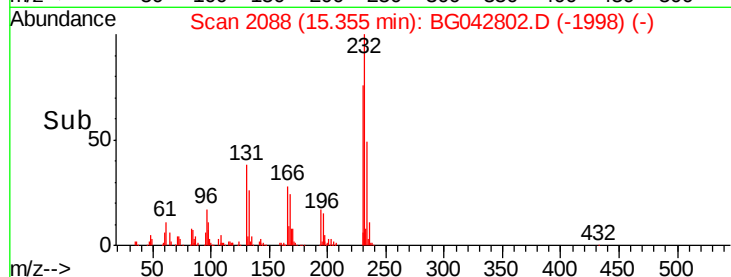
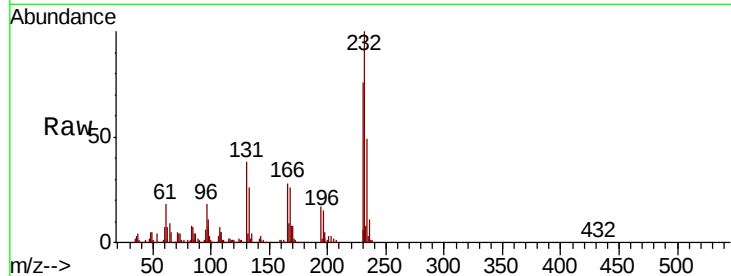
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 52.860 ng
 RT: 15.36 min Scan# 2088
 Delta R.T. -0.00 min
 Lab File: BG042802.D
 Acq: 13 Sep 2019 5:09

Instrument :
 BNA_G
 ClientSampleId :
 PB123028BS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	264280		
131	38.4		31.1	46.7
130	2.8		1.8	2.6
166	29.0		21.7	32.5

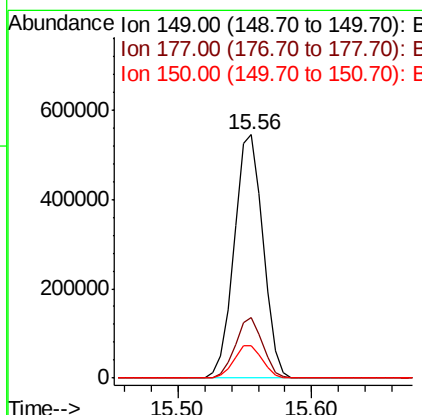
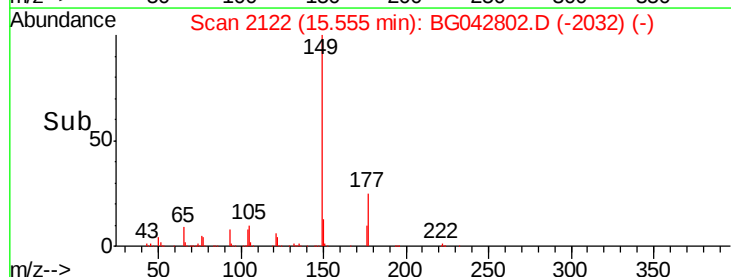
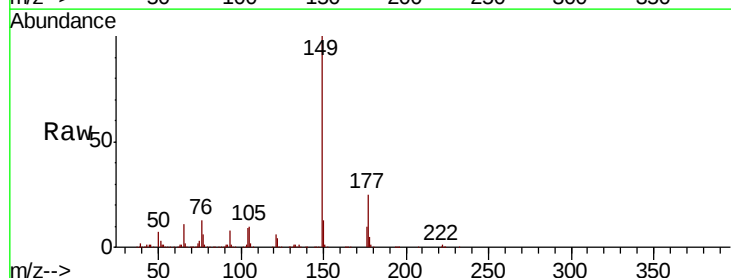
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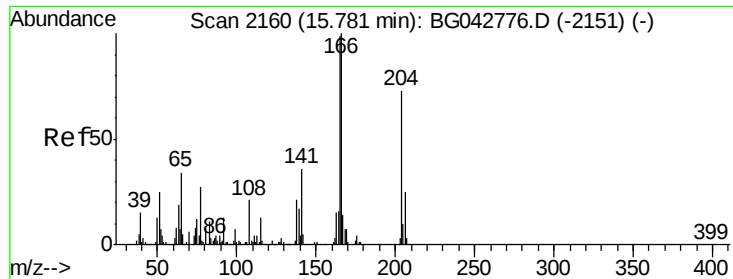
mohammad
 9/16/2019 9:03:40 AM



#60
 Diethylphthalate
 Concen: 46.834 ng
 RT: 15.56 min Scan# 2122
 Delta R.T. -0.00 min
 Lab File: BG042802.D
 Acq: 13 Sep 2019 5:09

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	815111		
177	24.8		19.4	29.0
150	13.4		10.2	15.4





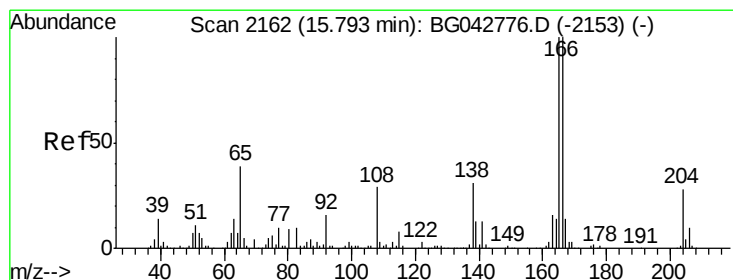
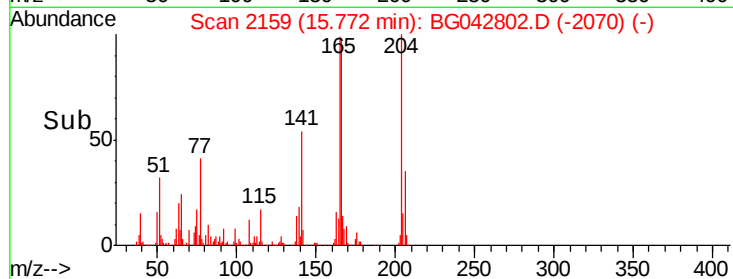
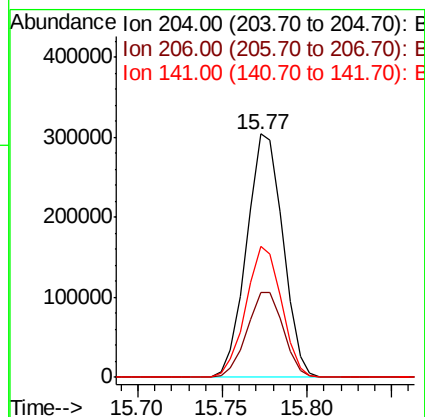
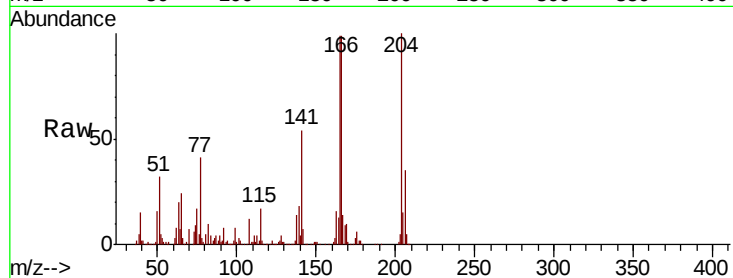
#61
4-Chlorophenyl-phenylether
Concen: 47.191 ng
RT: 15.77 min Scan# 2159
Delta R.T. -0.01 min
Lab File: BG042802.D
Acq: 13 Sep 2019 5:09

Instrument :
BNA_G
ClientSampled :
PB123028BS

Tot Ion	Ratio	Resp	Lower	Upper
204	100	454831		
206	35.0		27.6	41.4
141	53.9		39.8	59.6

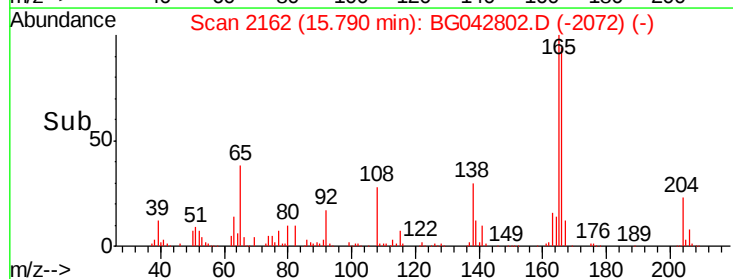
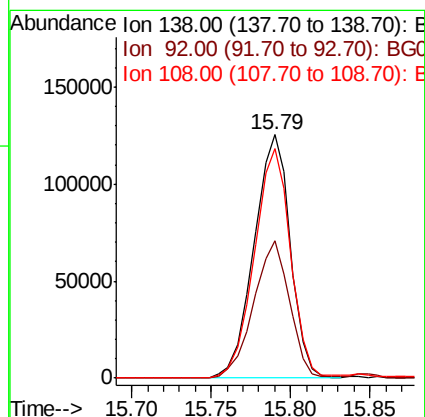
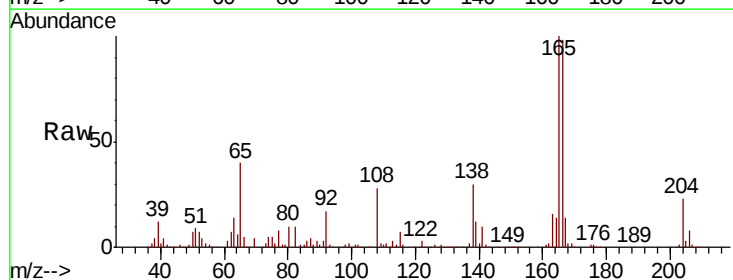
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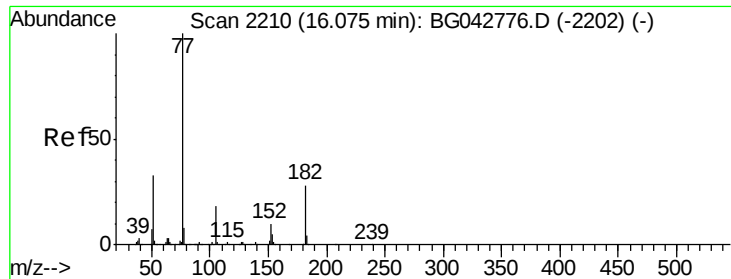
mohammad
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#62
4-Nitroaniline
Concen: 46.949 ng
RT: 15.79 min Scan# 2162
Delta R.T. -0.00 min
Lab File: BG042802.D
Acq: 13 Sep 2019 5:09

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	199818		
92	56.5		31.4	71.4
108	94.3		74.8	114.8





#63

Azobenzene

Concen: 48.427 ng

RT: 16.07 min Scan# 2209

Delta R.T. -0.01 min

Lab File: BG042802.D

Acq: 13 Sep 2019 5:09

Instrument :

BNA_G

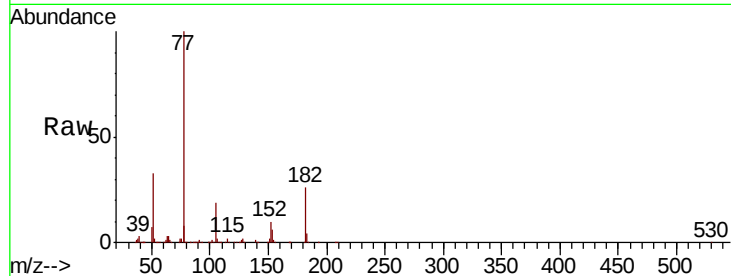
ClientSampleId :

PB123028BS

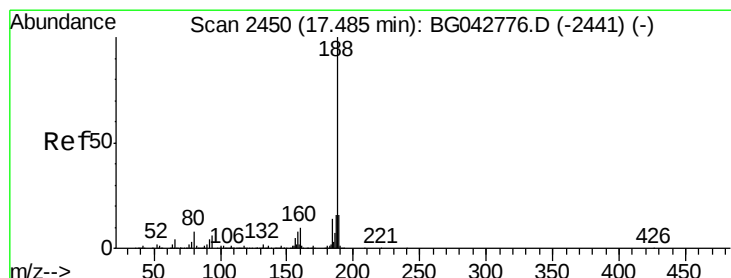
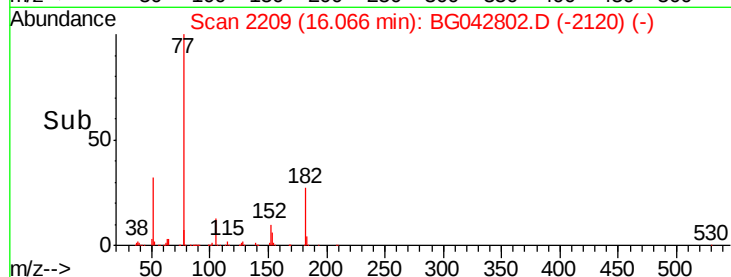
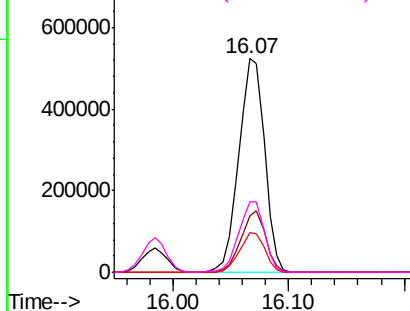
Tot Ion	Ratio	Lower	Upper
77	100		
182	26.4	8.1	48.1
105	18.7	0.0	38.1
51	33.2	12.9	52.9

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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: 17.48 min Scan# 2449

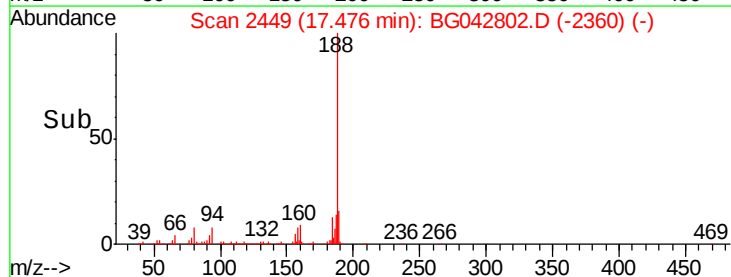
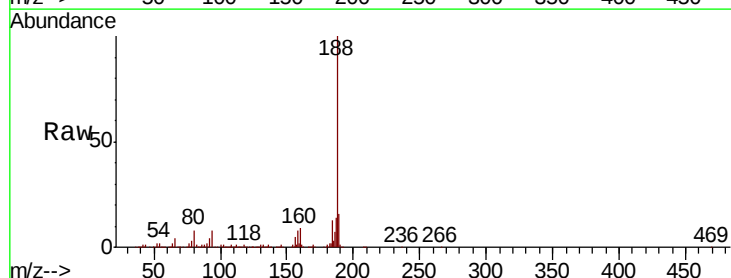
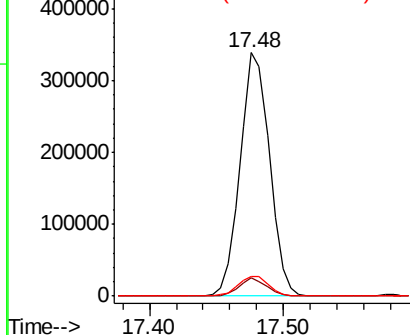
Delta R.T. -0.01 min

Lab File: BG042802.D

Acq: 13 Sep 2019 5:09

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.7	4.8	7.2#
80	8.2	6.6	9.8

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: 55.826 ng

RT: 15.85 min Scan# 2172

Delta R.T. -0.00 min

Lab File: BG042802.D

Acq: 13 Sep 2019 5:09

Instrument :

BNA_G

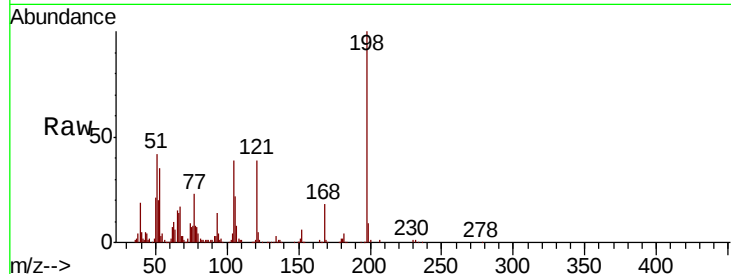
ClientSampled :

PB123028BS

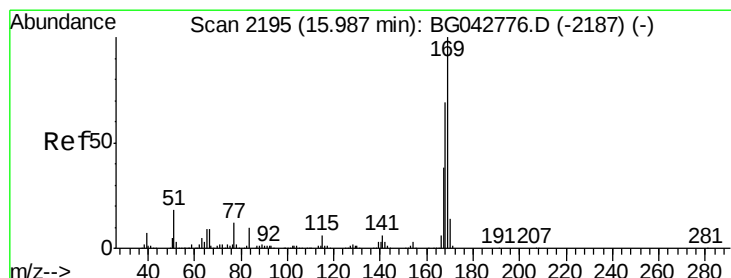
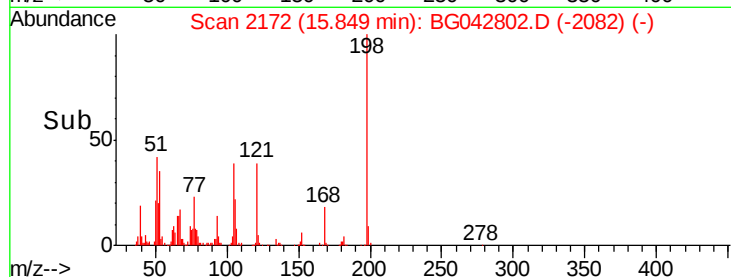
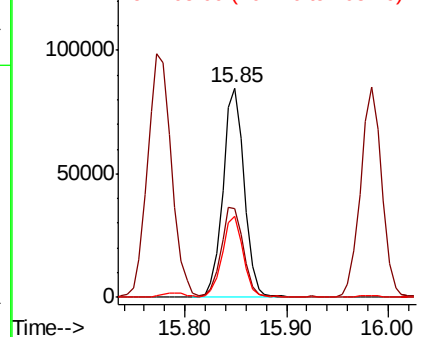
Tot Ion	Ratio	Resp	Lower	Upper
198	100	123252		
51	42.3	20.9	60.9	
105	38.6	16.4	56.4	

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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: 52.523 ng

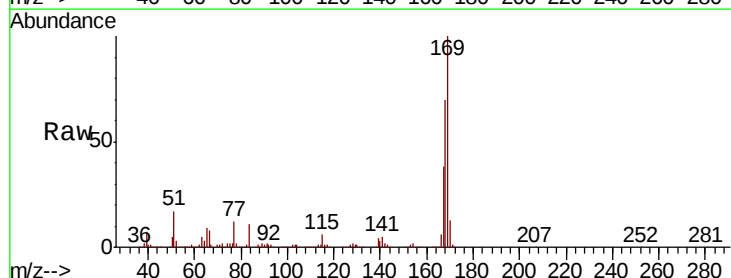
RT: 15.98 min Scan# 2195

Delta R.T. -0.00 min

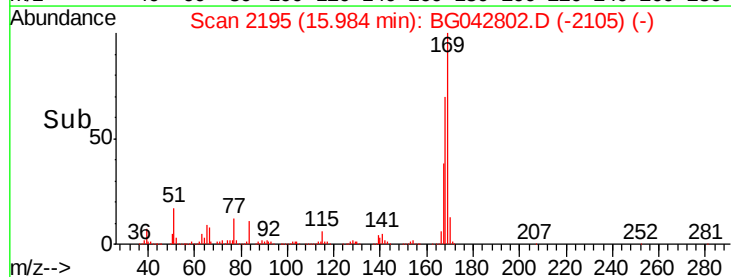
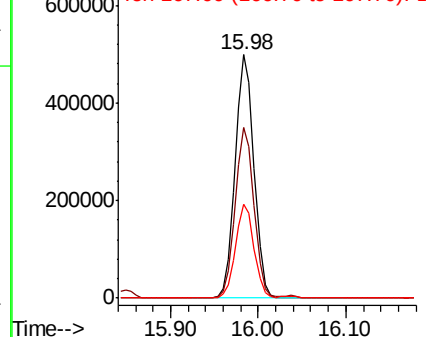
Lab File: BG042802.D

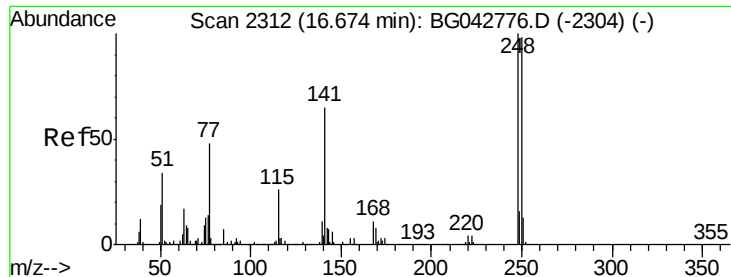
Acq: 13 Sep 2019 5:09

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	729264		
168	70.3	55.4	83.2	
167	38.4	30.4	45.6	



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





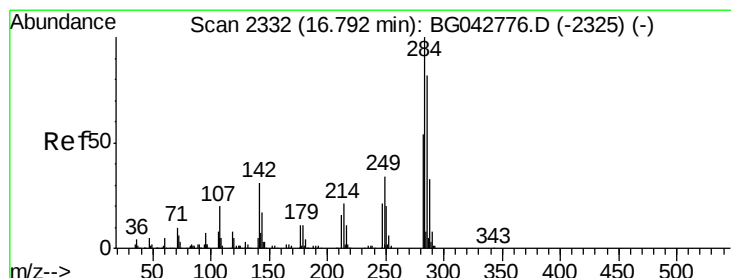
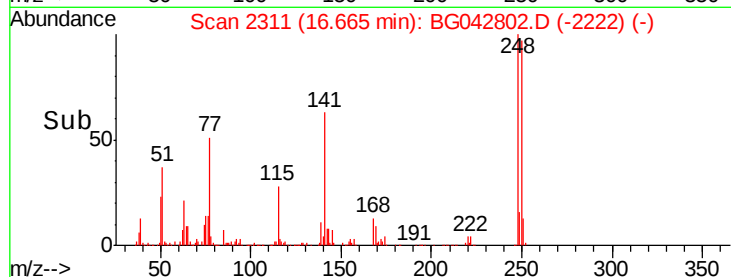
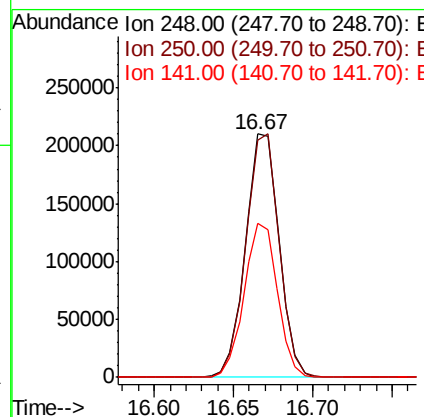
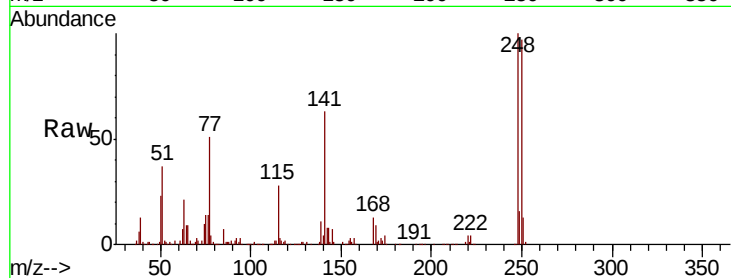
#67
4-Bromophenyl-phenylether
Concen: 49.571 ng
RT: 16.67 min Scan# 2311
Delta R.T. -0.01 min
Lab File: BG042802.D
Acq: 13 Sep 2019 5:09

Instrument :
BNA_G
ClientSampled :
PB123028BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.2	78.0	117.0
141	63.3	51.8	77.6

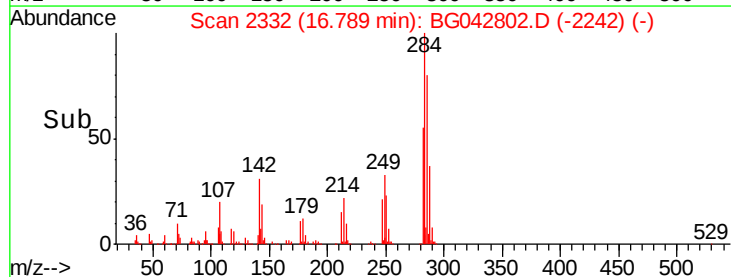
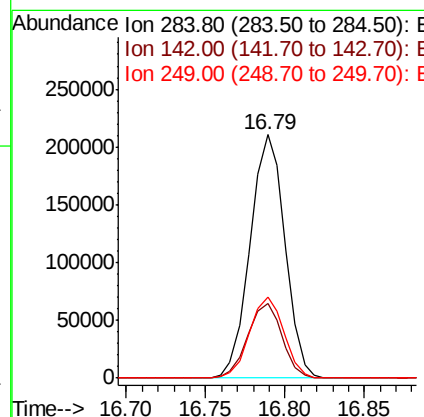
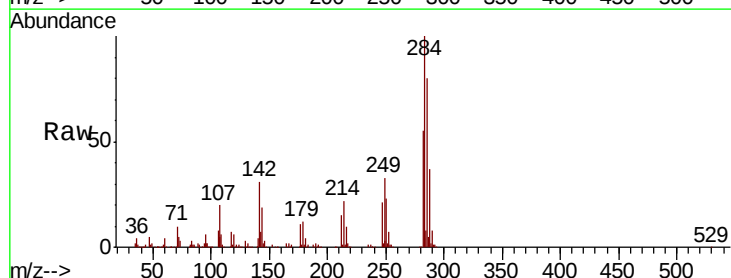
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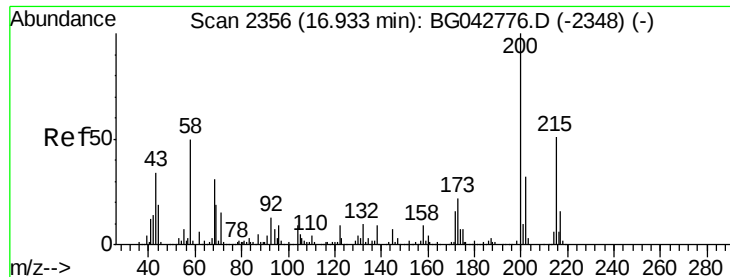
mohammad
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#68
Hexachlorobenzene
Concen: 48.095 ng
RT: 16.79 min Scan# 2332
Delta R.T. -0.00 min
Lab File: BG042802.D
Acq: 13 Sep 2019 5:09

Tgt Ion	Ratio	Lower	Upper
284	100		
142	30.8	24.7	37.1
249	33.3	27.0	40.4





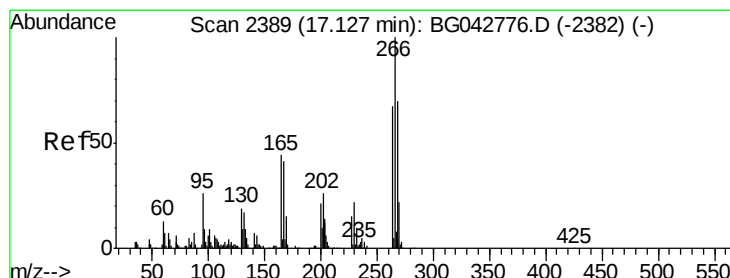
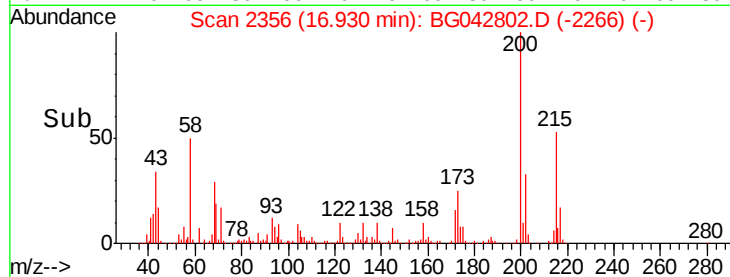
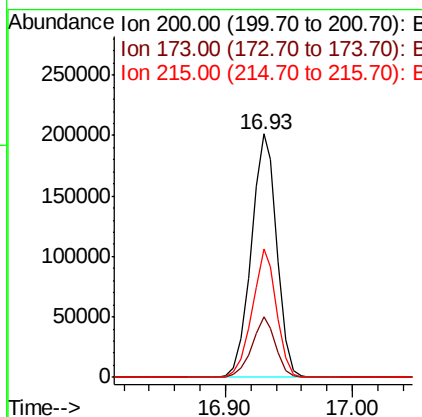
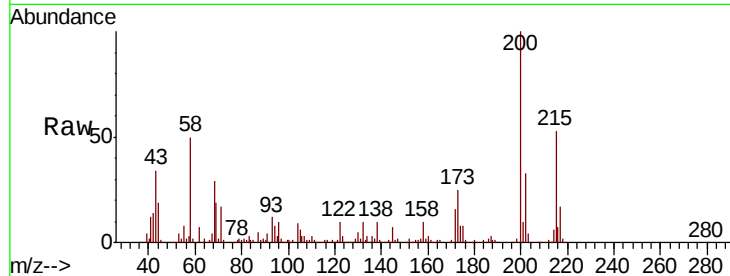
#69
 Atrazine
 Concen: 58.117 ng
 RT: 16.93 min Scan# 2356
 Delta R.T. -0.00 min
 Lab File: BG042802.D
 Acq: 13 Sep 2019 5:09

Instrument :
 BNA_G
 ClientSampleId :
 PB123028BS

Tot Ion:	200	Resp:	281002
Ion Ratio	Lower	Upper	
200	100		
173	24.8	2.5	42.5
215	52.7	31.0	71.0

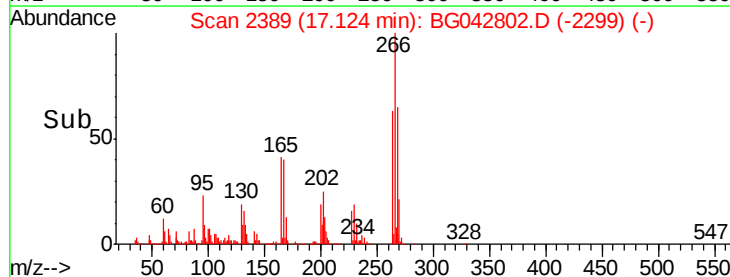
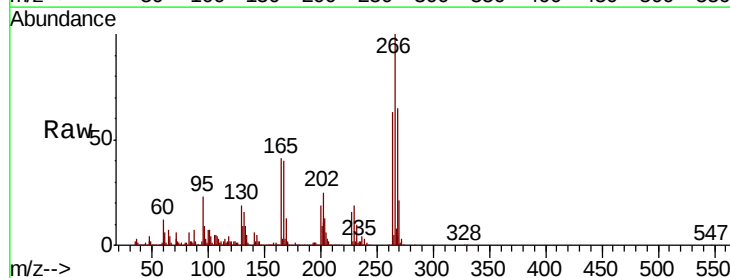
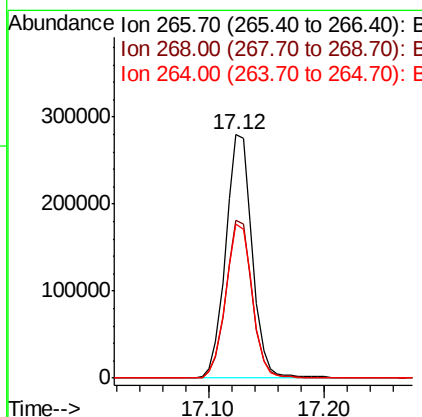
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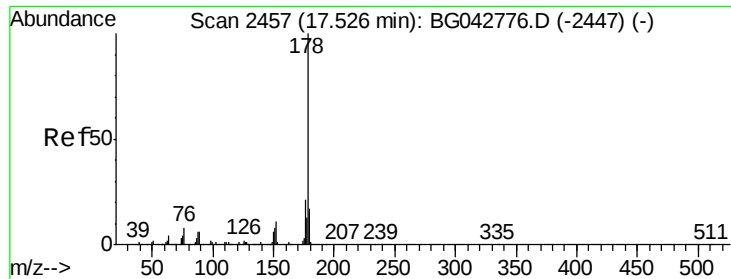
mohammad
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#70
 Pentachlorophenol
 Concen: 112.219 ng
 RT: 17.12 min Scan# 2389
 Delta R.T. -0.00 min
 Lab File: BG042802.D
 Acq: 13 Sep 2019 5:09

Tgt Ion:	266	Resp:	444250
Ion Ratio	Lower	Upper	
266	100		
268	64.9	56.2	84.4
264	63.1	53.4	80.2





#71

Phenanthrene

Concen: 50.989 ng

RT: 17.52 min Scan# 2457

Delta R.T. -0.00 min

Lab File: BG042802.D

Acq: 13 Sep 2019 5:09

Instrument :

BNA_G

ClientSampleId :

PB123028BS

Tot Ion:178 Resp: 1258211

Ion Ratio Lower Upper

178 100

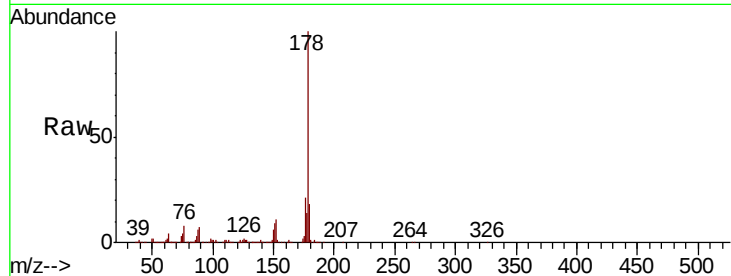
176 21.3 17.0 25.4

179 17.6 13.6 20.4

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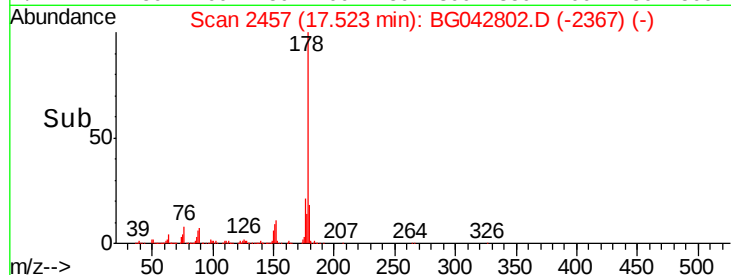


Abundance Ion 178.00 (177.70 to 178.70): E

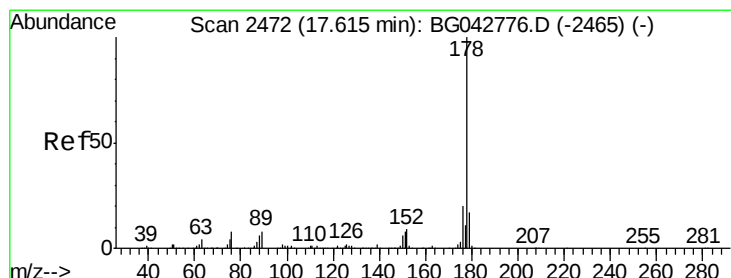
Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

17.52



Time-->



#72

Anthracene

Concen: 51.803 ng

RT: 17.61 min Scan# 2472

Delta R.T. -0.00 min

Lab File: BG042802.D

Acq: 13 Sep 2019 5:09

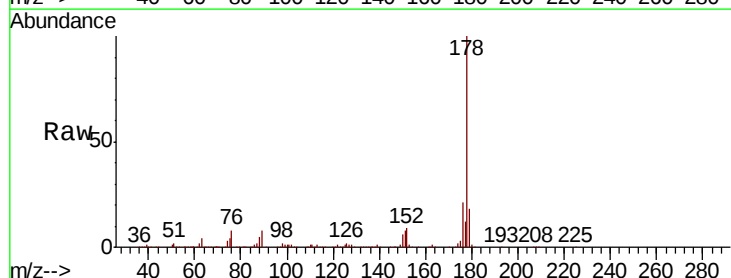
Tgt Ion:178 Resp: 1277104

Ion Ratio Lower Upper

178 100

176 21.2 16.2 24.4

179 18.3 13.6 20.4

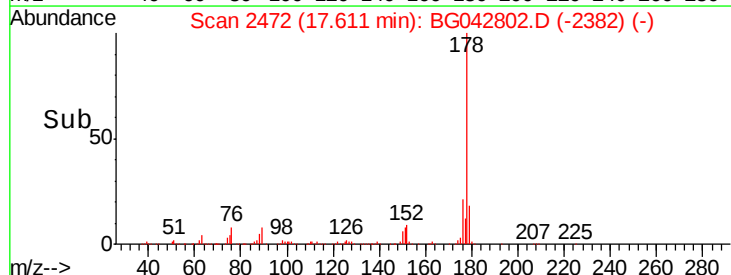


Abundance Ion 178.00 (177.70 to 178.70): E

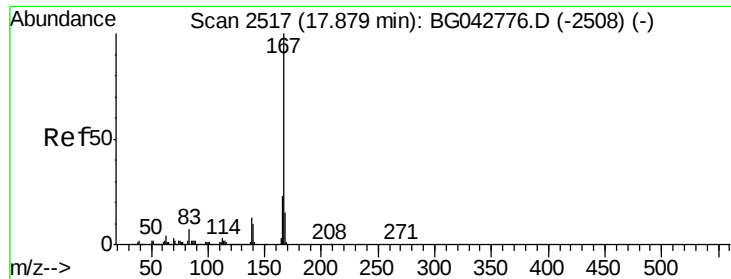
Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

17.61



Time-->



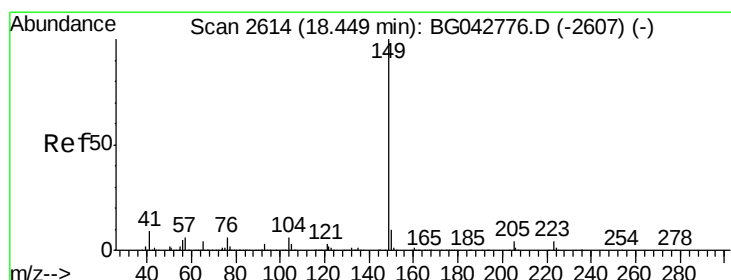
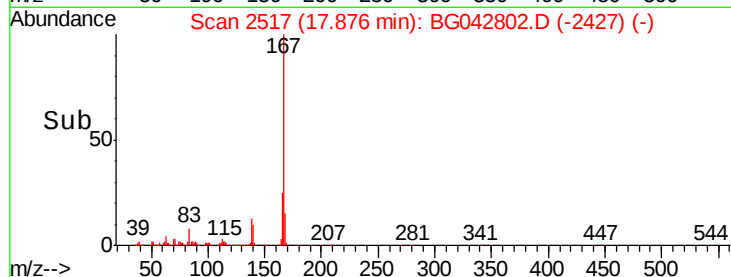
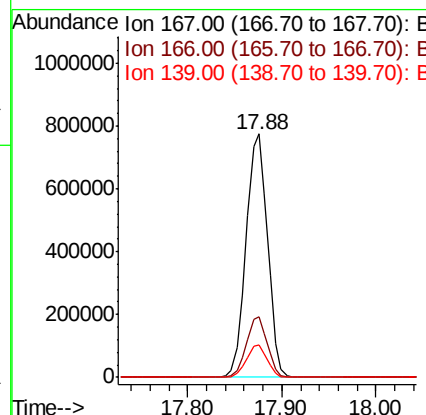
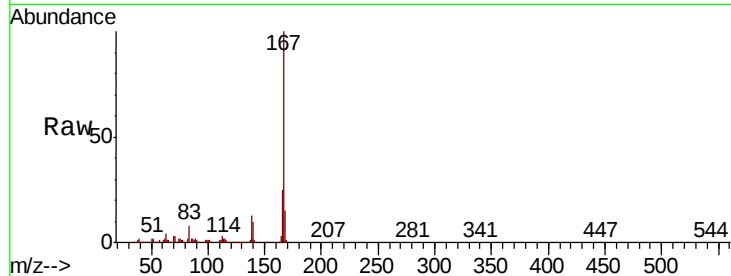
#73
 Carbazole
 Concen: 52.124 ng
 RT: 17.88 min Scan# 2517
 Delta R.T. -0.00 min
 Lab File: BG042802.D
 Acq: 13 Sep 2019 5:09

Instrument :
 BNA_G
 ClientSampleId :
 PB123028BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	24.9	18.3	27.5
139	13.3	10.2	15.4

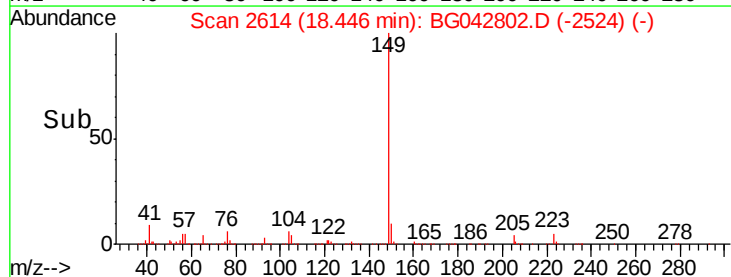
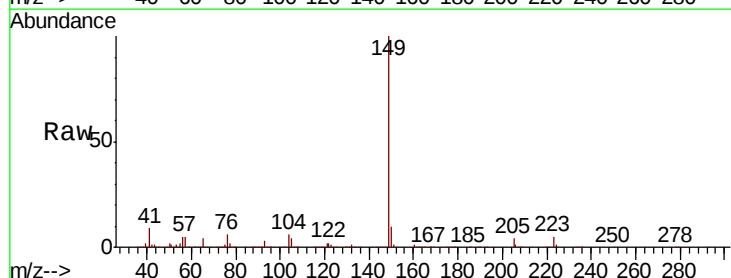
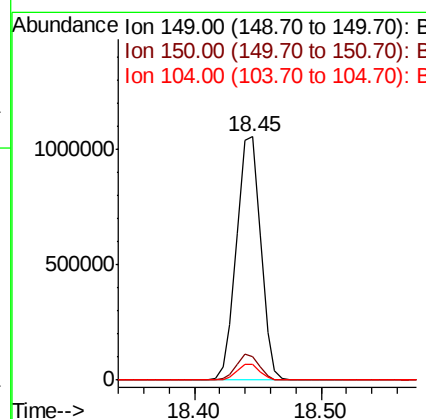
Manual Integrations
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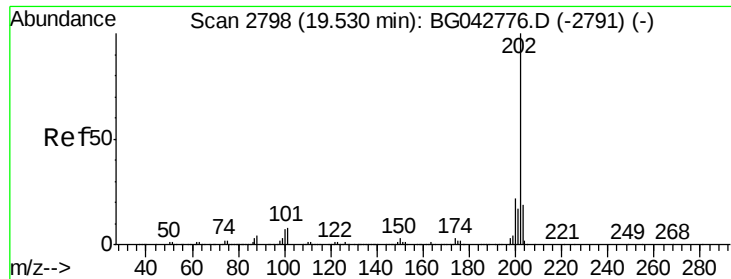
mohammad
 9/16/2019 9:03:40 AM



#74
 Di-n-butylphthalate
 Concen: 49.333 ng
 RT: 18.45 min Scan# 2614
 Delta R.T. -0.00 min
 Lab File: BG042802.D
 Acq: 13 Sep 2019 5:09

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.8	8.0	12.0
104	6.3	5.1	7.7





#75

Fluoranthene

Concen: 52.093 ng

RT: 19.53 min Scan# 2798

Delta R.T. -0.00 min

Lab File: BG042802.D

Acq: 13 Sep 2019 5:09

Instrument :

BNA_G

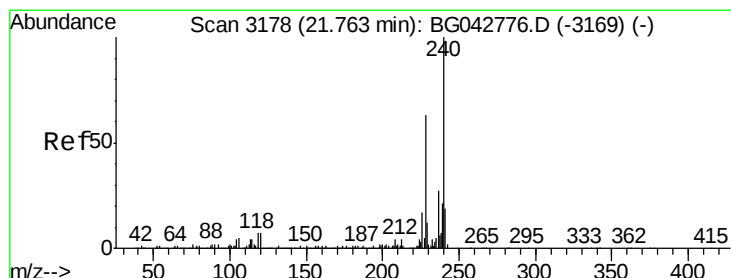
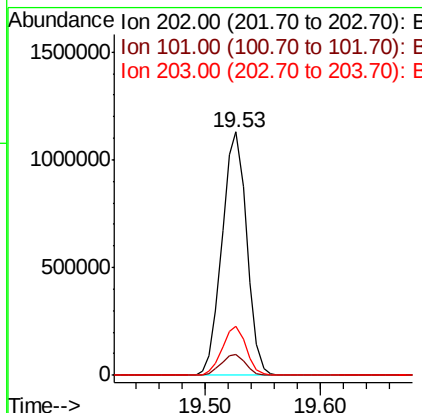
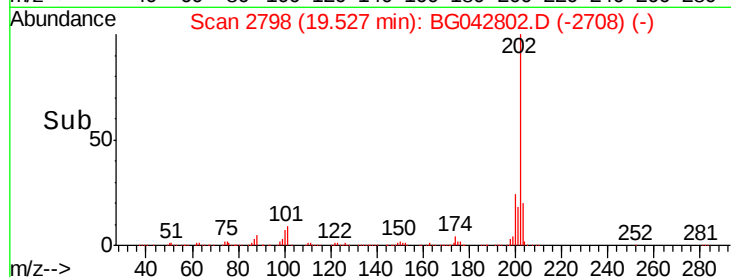
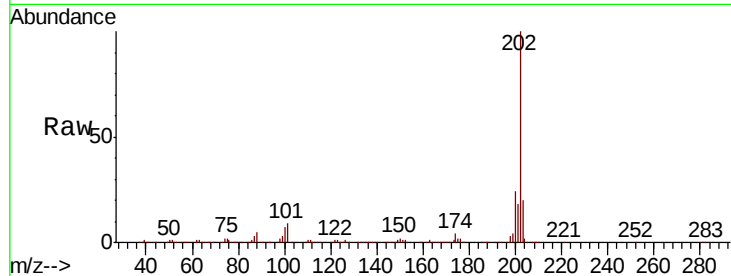
ClientSampleId :

PB123028BS

Tot Ion:	202	Resp:	1665985
Ion Ratio	Lower	Upper	
202	100		
101	8.8	0.0	27.8
203	19.9	0.0	39.1

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#76

Chrysene-d12

Concen: 20.000 ng

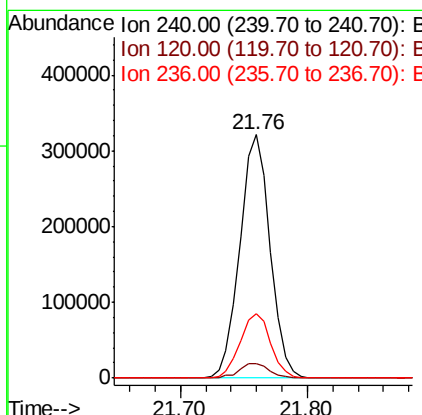
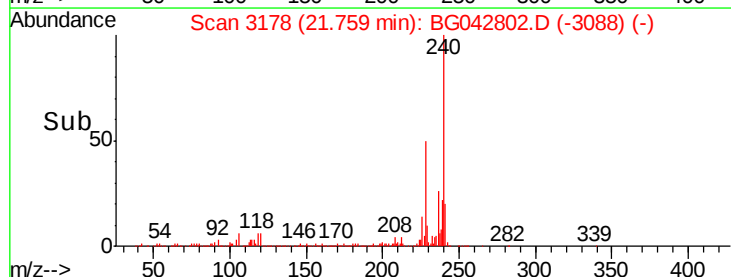
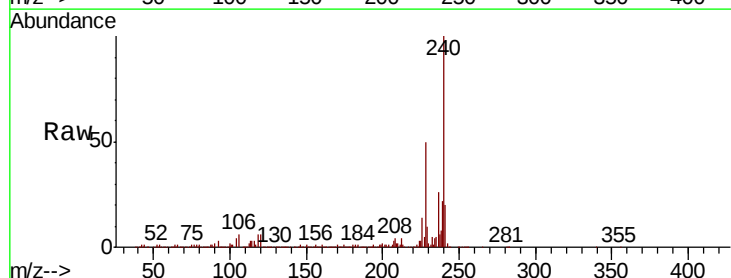
RT: 21.76 min Scan# 3178

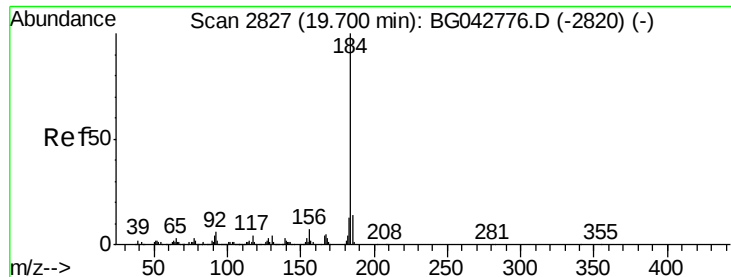
Delta R.T. -0.00 min

Lab File: BG042802.D

Acq: 13 Sep 2019 5:09

Tgt Ion:	240	Resp:	529577
Ion Ratio	Lower	Upper	
240	100		
120	5.9	5.4	8.2
236	26.4	21.7	32.5





#77

Benzidine

Concen: 32.568 ng

RT: 19.70 min Scan# 2827

Delta R.T. -0.00 min

Lab File: BG042802.D

Acq: 13 Sep 2019 5:09

Instrument :

BNA_G

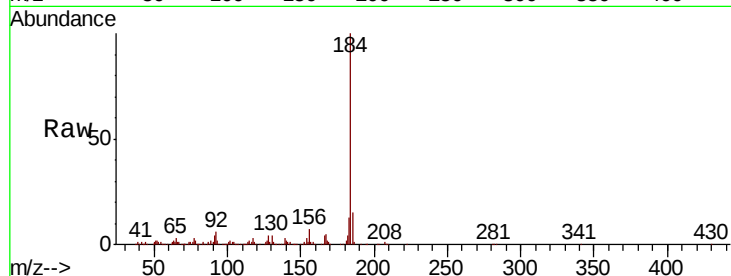
ClientSampleId :

PB123028BS

Tot Ion:	184	Resp:	481872
Ion Ratio	Lower	Upper	
184	100		
185	15.3	11.6	17.4
183	13.1	10.4	15.6

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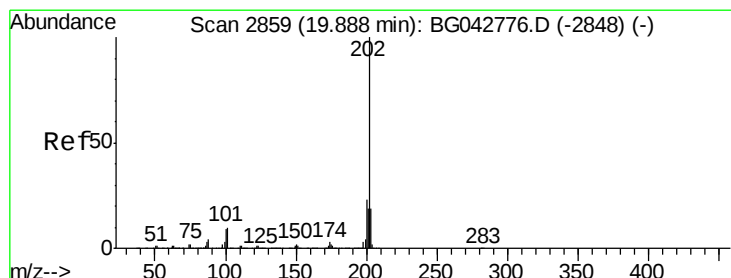
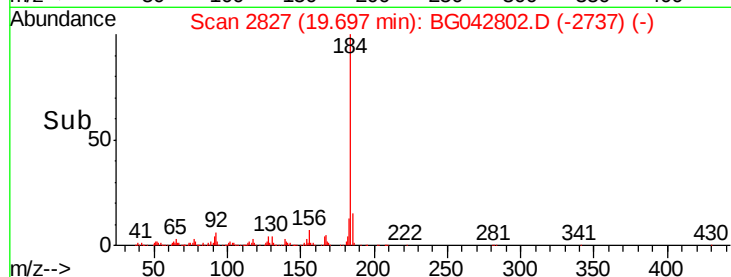
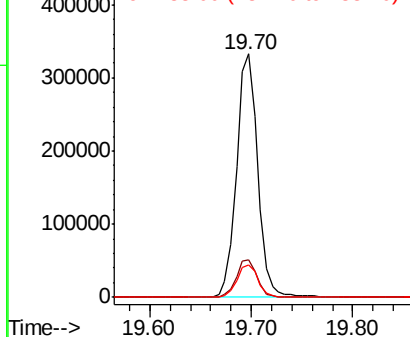


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 50.390 ng

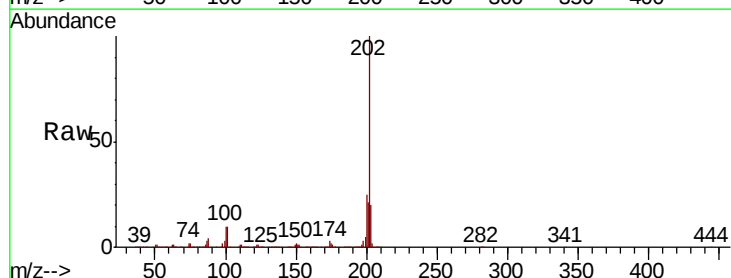
RT: 19.89 min Scan# 2859

Delta R.T. -0.00 min

Lab File: BG042802.D

Acq: 13 Sep 2019 5:09

Tgt Ion:	202	Resp:	1670695
Ion Ratio	Lower	Upper	
202	100		
200	24.5	18.5	27.7
203	19.9	15.3	22.9

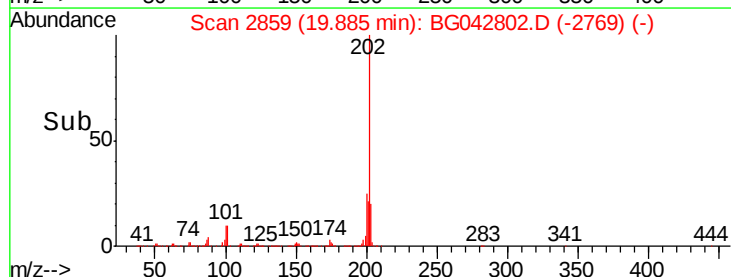
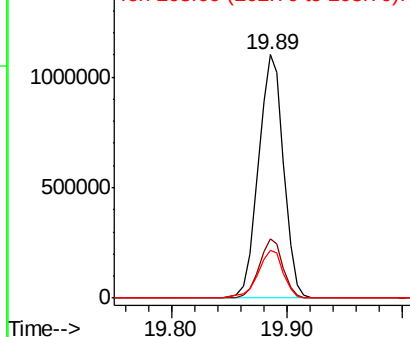


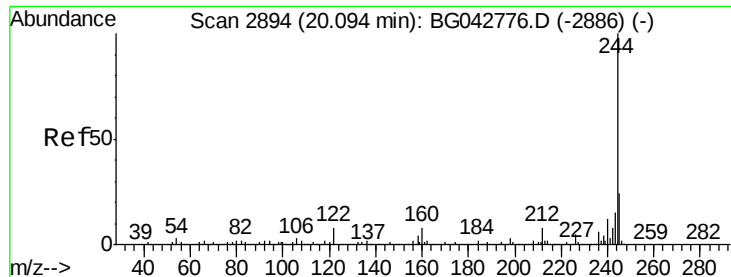
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 101.343 ng

RT: 20.09 min Scan# 2893

Delta R.T. -0.01 min

Lab File: BG042802.D

Acq: 13 Sep 2019 5:09

Instrument :

BNA_G

ClientSampleId :

PB123028BS

Tot Ion:244 Resp: 2421570

Ion Ratio Lower Upper

244 100

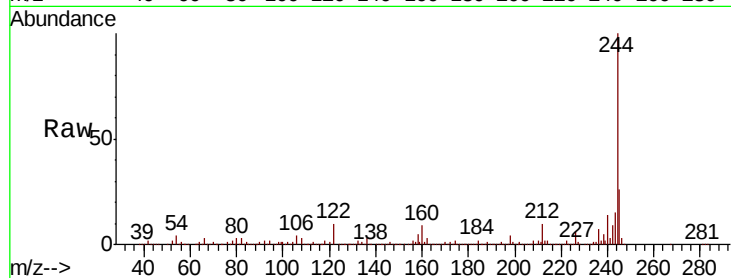
212 9.7 6.6 10.0

122 10.1 6.2 9.4#

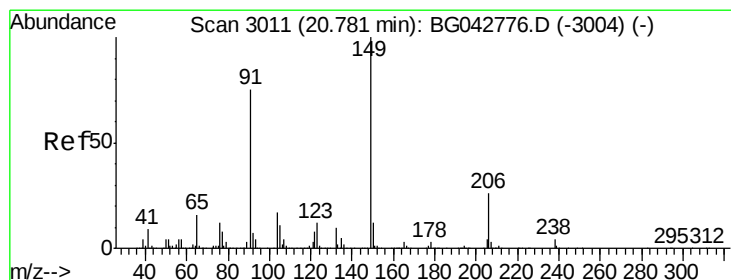
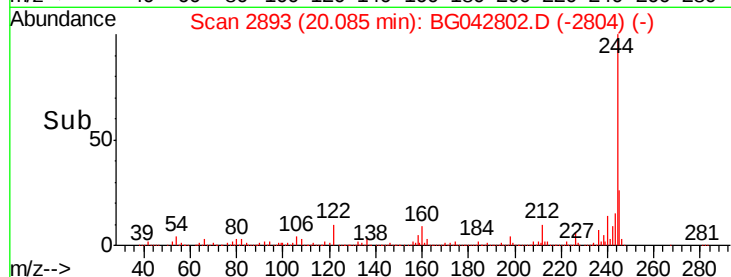
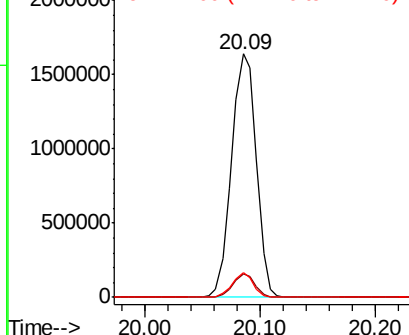
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Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 50.063 ng

RT: 20.78 min Scan# 3011

Delta R.T. -0.00 min

Lab File: BG042802.D

Acq: 13 Sep 2019 5:09

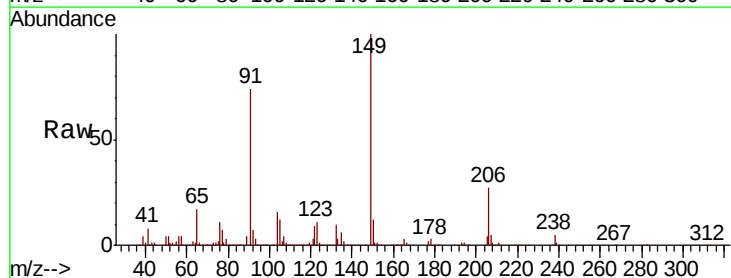
Tgt Ion:149 Resp: 671748

Ion Ratio Lower Upper

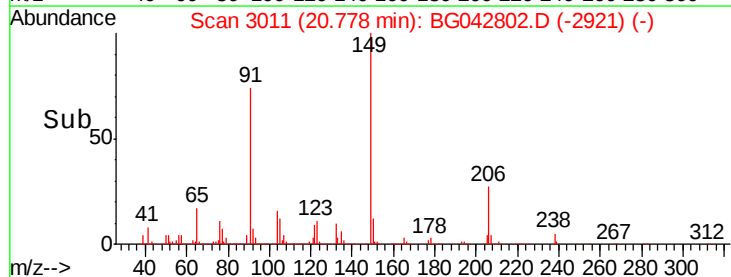
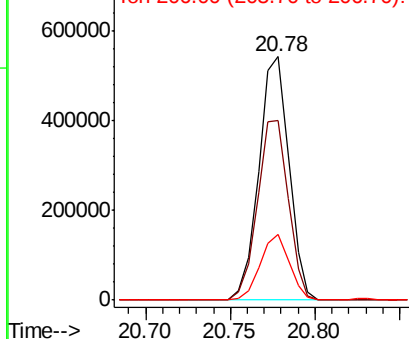
149 100

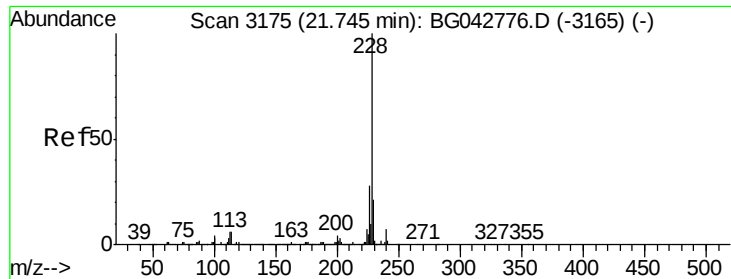
91 73.8 60.2 90.2

206 27.1 20.6 30.8



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





#81

Benzo(a)anthracene

Concen: 49.469 ng

RT: 21.74 min Scan# 3174

Delta R.T. -0.01 min

Lab File: BG042802.D

Acq: 13 Sep 2019 5:09

Instrument :

BNA_G

ClientSampleId :

PB123028BS

Tot Ion:228 Resp: 1665678

Ion Ratio Lower Upper

228 100

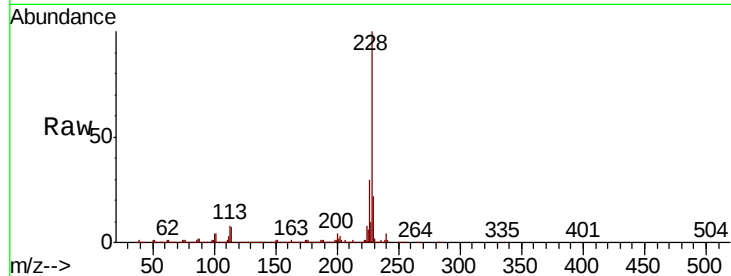
226 30.3 22.5 33.7

229 22.2 17.2 25.8

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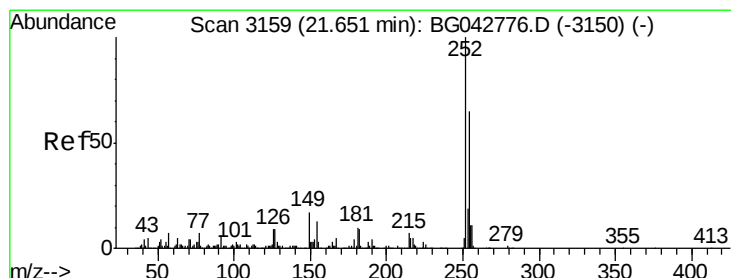
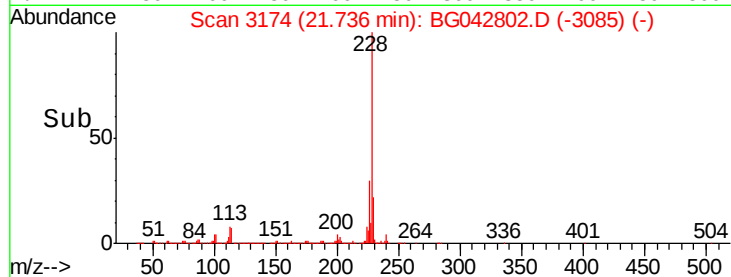
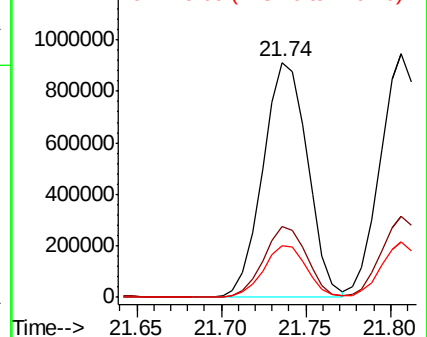


Abundance

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: 34.873 ng

RT: 21.65 min Scan# 3159

Delta R.T. -0.00 min

Lab File: BG042802.D

Acq: 13 Sep 2019 5:09

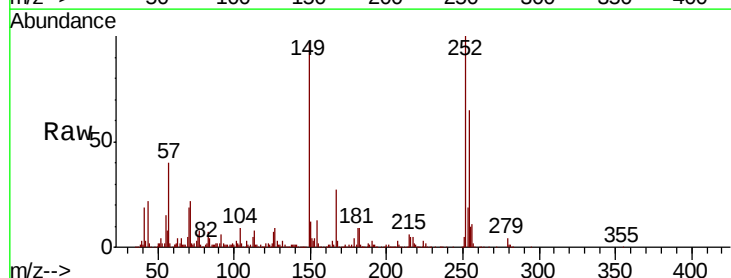
Tgt Ion:252 Resp: 456327

Ion Ratio Lower Upper

252 100

254 64.8 52.2 78.2

126 7.3 7.0 10.4

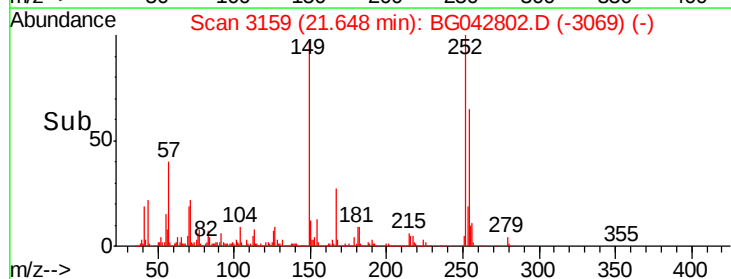
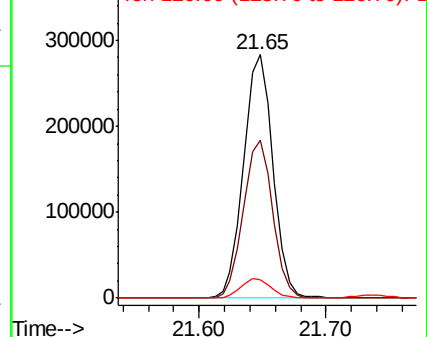


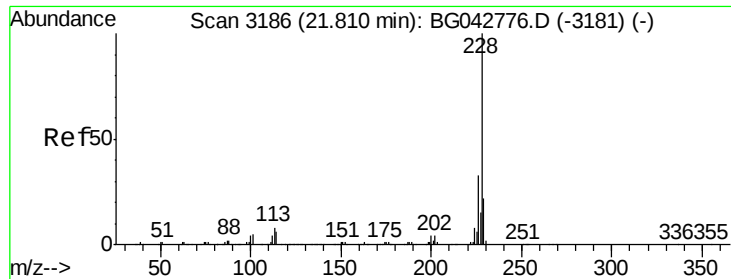
Abundance

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





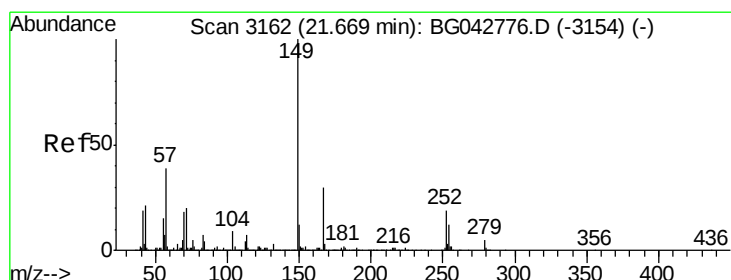
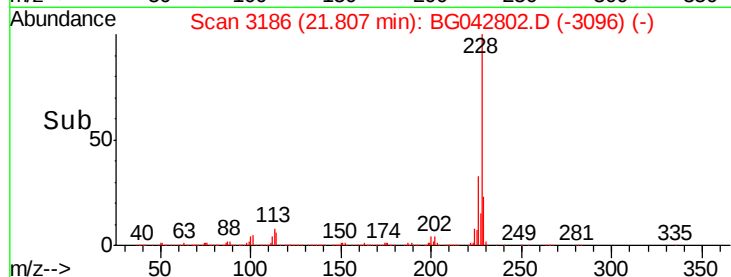
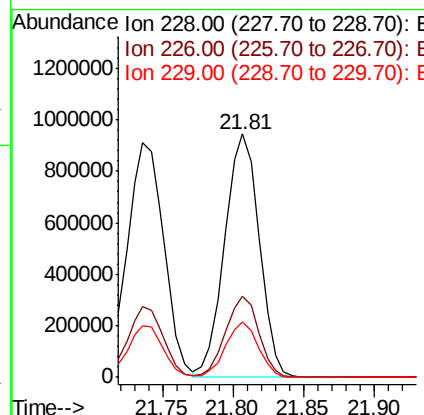
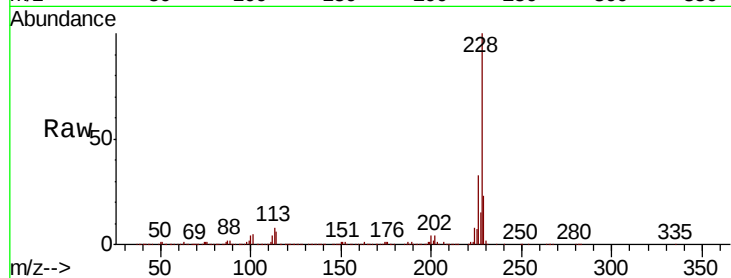
#83
Chrysene
Concen: 50.316 ng
RT: 21.81 min Scan# 3186
Delta R.T. -0.00 min
Lab File: BG042802.D
Acq: 13 Sep 2019 5:09

Instrument :
BNA_G
ClientSampleId :
PB123028BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	33.4	26.0	39.0
229	22.6	17.1	25.7

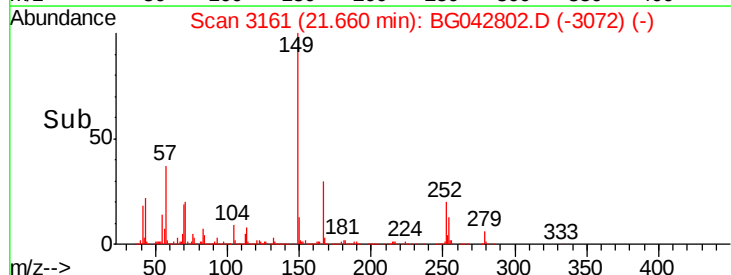
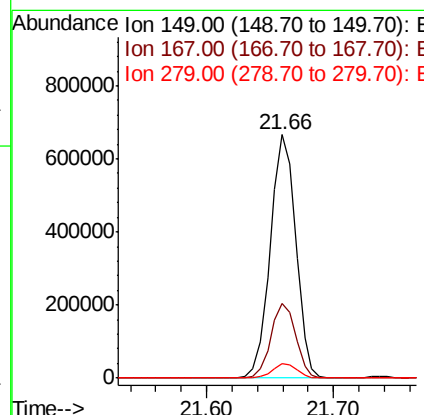
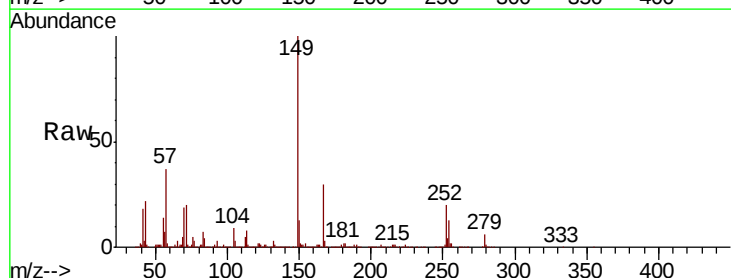
Manual Integrations
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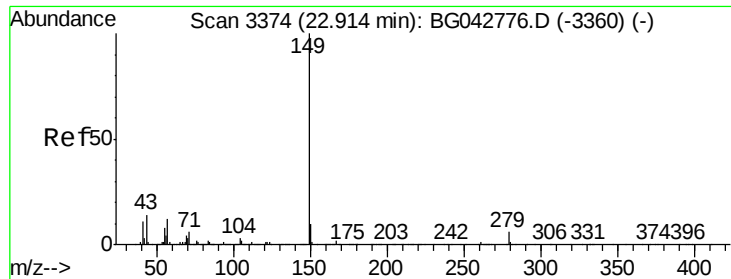
mohammad
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#84
Bis(2-ethylhexyl)phthalate
Concen: 50.793 ng
RT: 21.66 min Scan# 3161
Delta R.T. -0.01 min
Lab File: BG042802.D
Acq: 13 Sep 2019 5:09

Tgt Ion	Ratio	Lower	Upper
149	100		
167	30.4	24.3	36.5
279	5.8	4.2	6.4





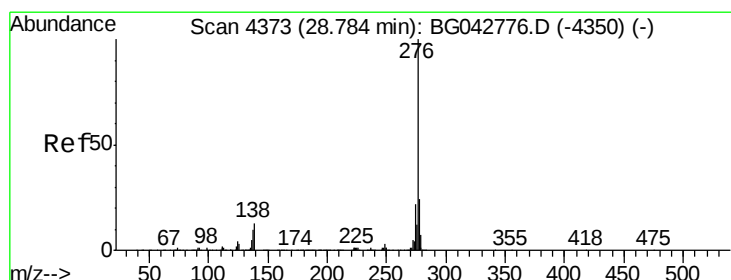
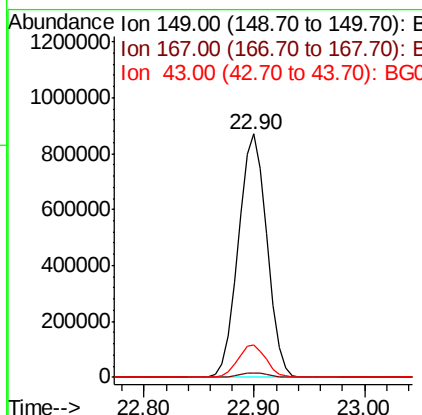
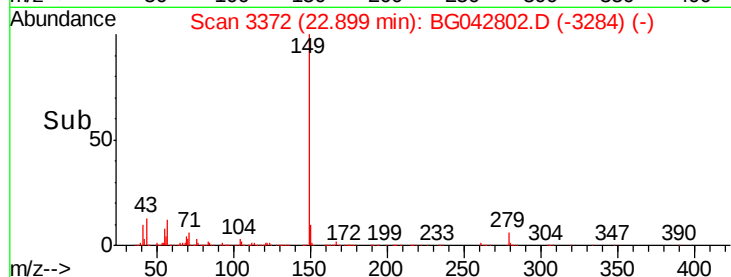
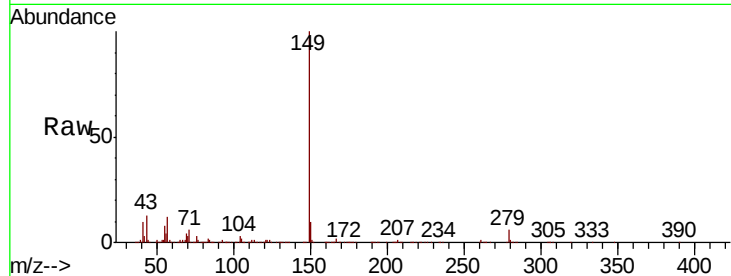
#85
Di-n-octyl phthalate
Concen: 50.534 ng
RT: 22.90 min Scan# 3372
Delta R.T. -0.01 min
Lab File: BG042802.D
Acq: 13 Sep 2019 5:09

Instrument :
BNA_G
ClientSampleId :
PB123028BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.4	2.0
43	13.2	10.6	15.8

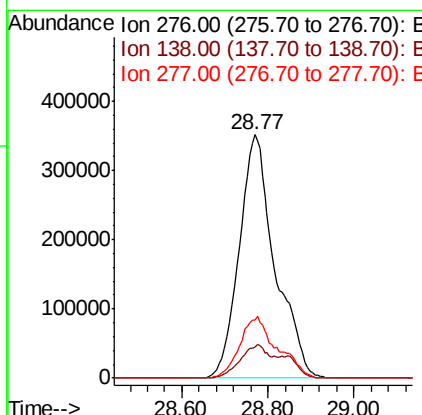
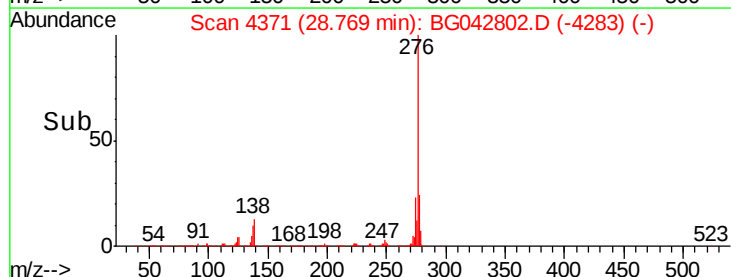
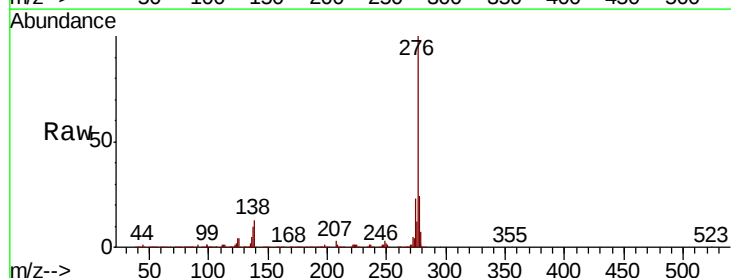
Manual Integrations
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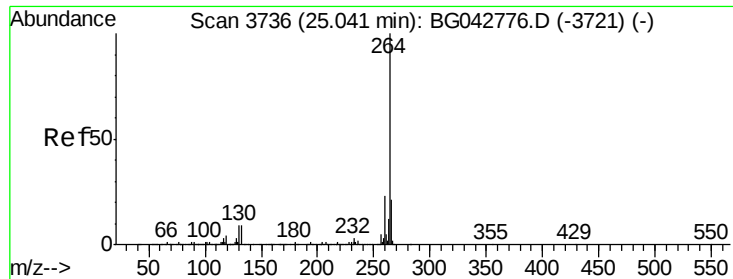
mohammad
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#86
Indeno(1,2,3-cd)pyrene
Concen: 51.665 ng
RT: 28.77 min Scan# 4371
Delta R.T. -0.01 min
Lab File: BG042802.D
Acq: 13 Sep 2019 5:09

Tgt Ion	Ratio	Lower	Upper
276	100		
138	11.9	9.3	13.9
277	26.4	17.2	25.8#





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.03 min Scan# 3735

Delta R.T. -0.01 min

Lab File: BG042802.D

Acq: 13 Sep 2019 5:09

Instrument :

BNA_G

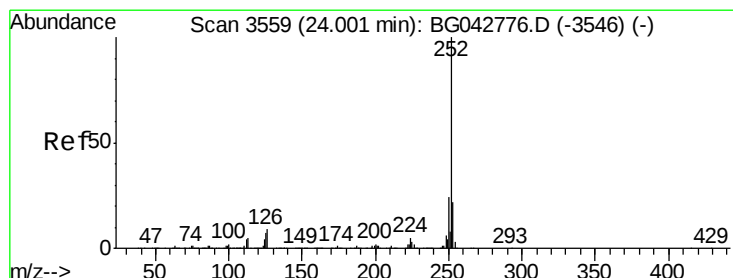
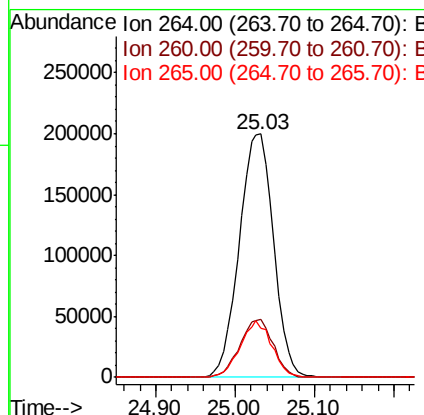
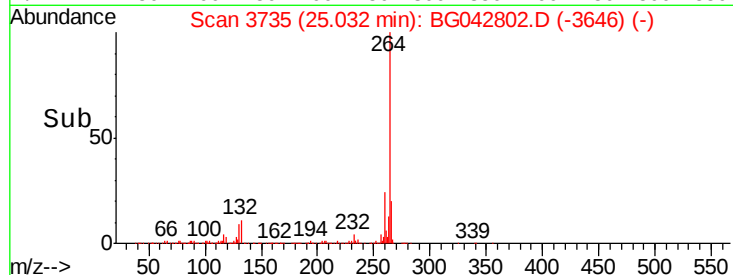
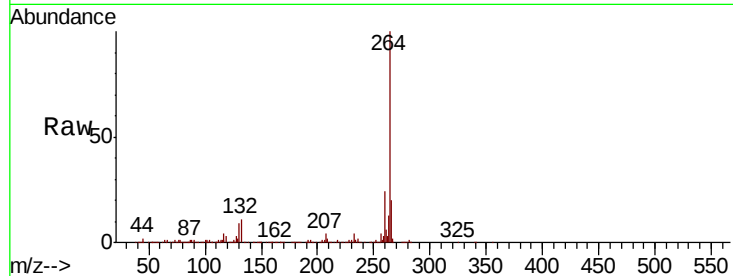
ClientSampleId :

PB123028BS

Tot Ion:	264	Resp:	598515
Ion Ratio		Lower	Upper
264	100		
260	23.7	18.2	27.2
265	20.4	16.9	25.3

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#88

Benzo(b)fluoranthene

Concen: 50.306 ng

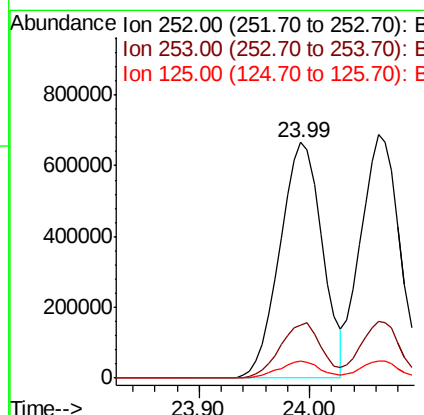
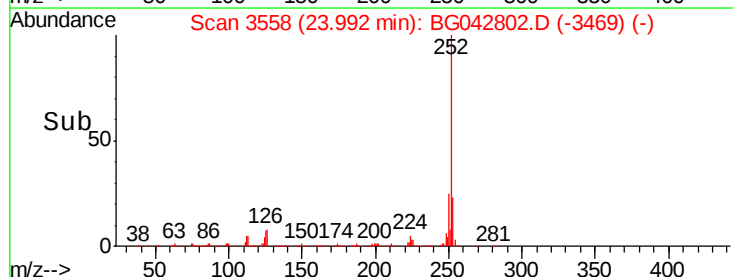
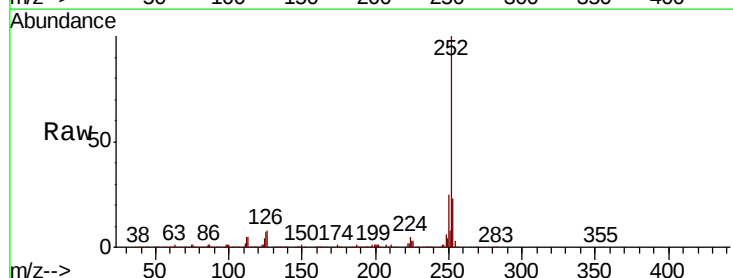
RT: 23.99 min Scan# 3558

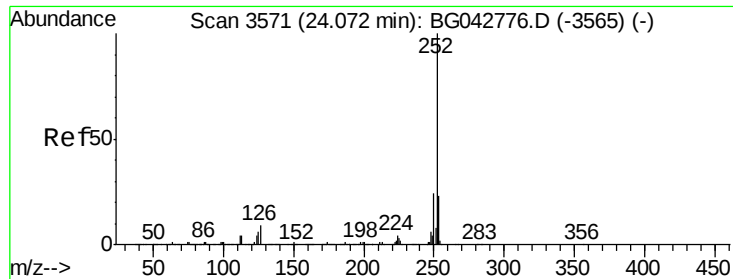
Delta R.T. -0.01 min

Lab File: BG042802.D

Acq: 13 Sep 2019 5:09

Tgt Ion:	252	Resp:	1767938
Ion Ratio		Lower	Upper
252	100		
253	22.7	17.9	26.9
125	7.1	5.6	8.4





#89

Benzo(k)fluoranthene

Concen: 50.768 ng

RT: 24.06 min Scan# 3570

Delta R.T. -0.01 min

Lab File: BG042802.D

Acq: 13 Sep 2019 5:09

Instrument :

BNA_G

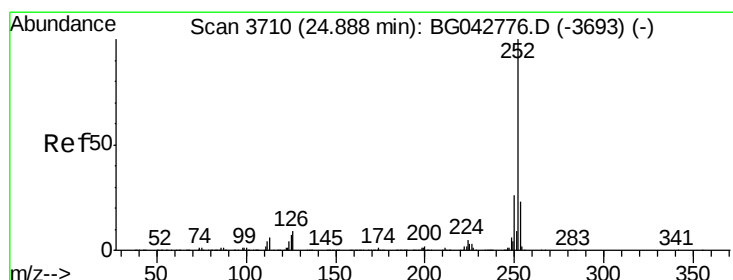
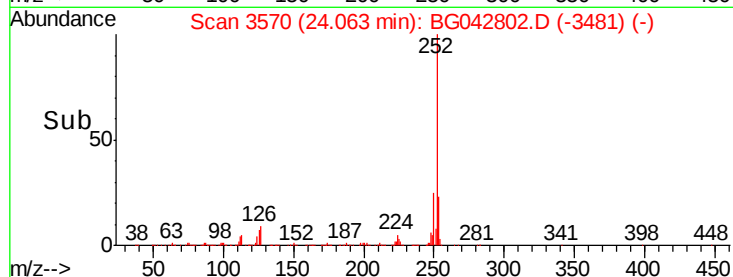
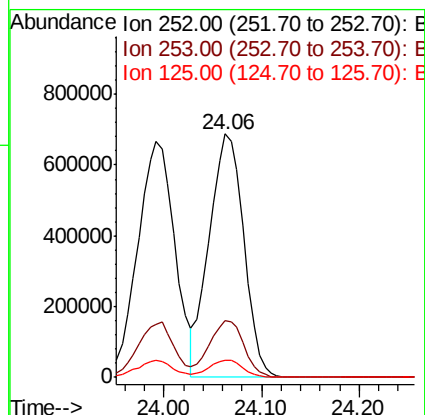
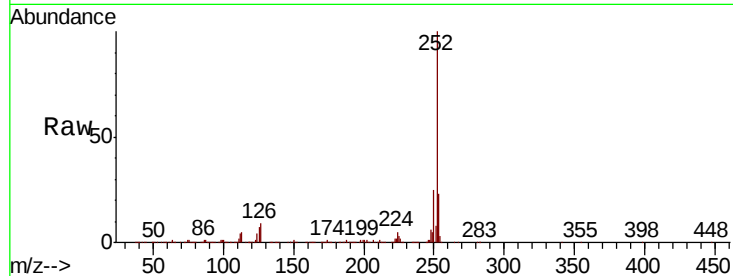
ClientSampleId :

PB123028BS

Tot Ion:	252	Resp:	1685352
Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.2	27.4
125	6.8	5.3	7.9

Manual Integrations
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#90

Benzo(a)pyrene

Concen: 52.234 ng

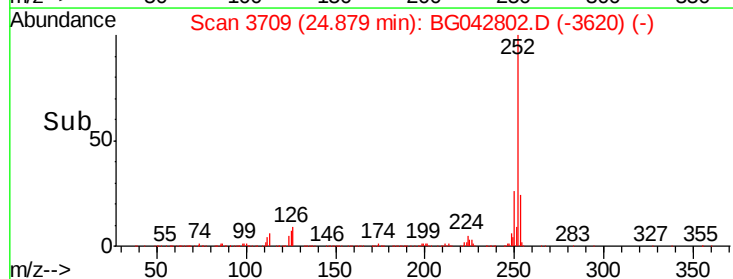
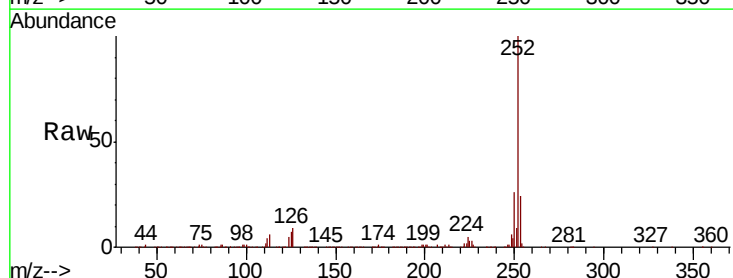
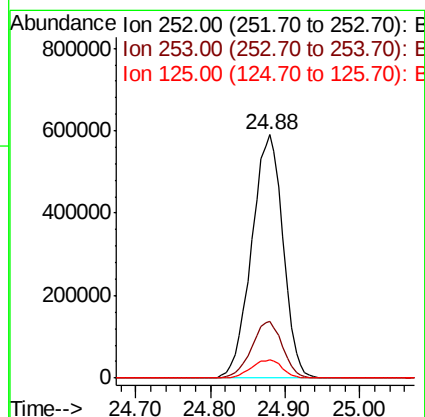
RT: 24.88 min Scan# 3709

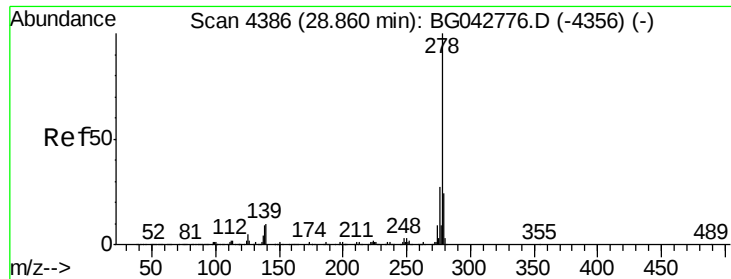
Delta R.T. -0.01 min

Lab File: BG042802.D

Acq: 13 Sep 2019 5:09

Tgt Ion:	252	Resp:	1718875
Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.1	27.1
125	7.4	5.7	8.5





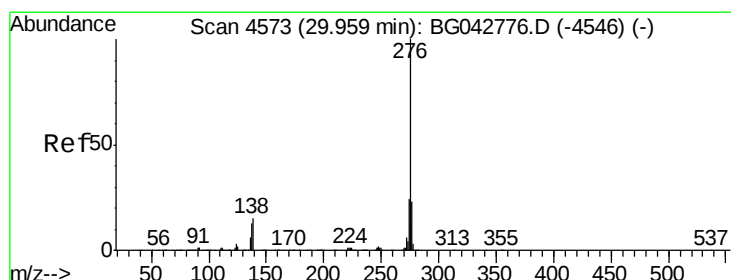
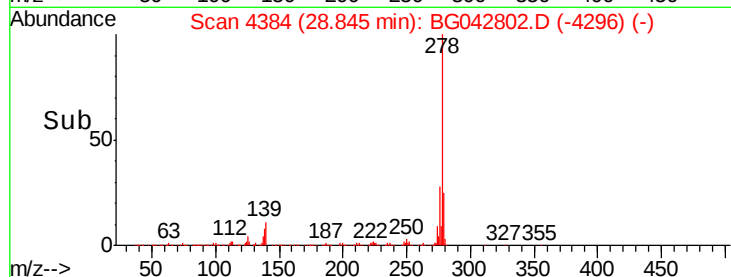
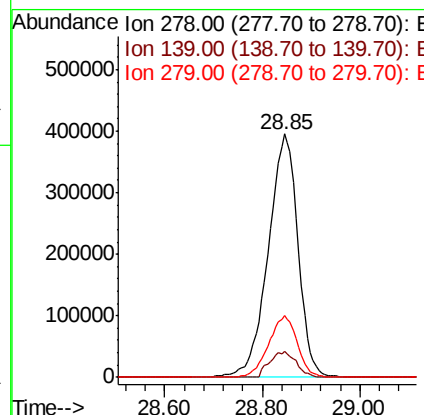
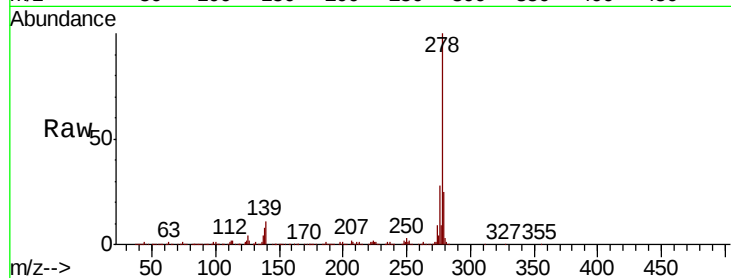
#91
Dibenzo(a,h)anthracene
Concen: 51.757 ng
RT: 28.85 min Scan# 4384
Delta R.T. -0.01 min
Lab File: BG042802.D
Acq: 13 Sep 2019 5:09

Instrument :
BNA_G
ClientSampleId :
PB123028BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	10.9	8.2	12.2
279	25.2	19.4	29.2

Manual Integrations
APPROVED

mohammad
9/16/2019 9:03:40 AM



#92
Benzo(g,h,i)perylene
Concen: 52.928 ng
RT: 29.94 min Scan# 4571
Delta R.T. -0.01 min
Lab File: BG042802.D
Acq: 13 Sep 2019 5:09

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.7	18.4	27.6
138	13.6	11.8	17.8

