

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091219\
 Data File : BG042814.D
 Acq On : 13 Sep 2019 12:49
 Operator : HP/JU
 Sample : PB122826BS
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB122826BS

Manual Integrations
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mohammad
 9/16/2019 9:03:53 AM

Quant Time: Sep 13 14:19:18 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	78522	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	325173	20.00	ng	0.00
39) Acenaphthene-d10	14.74	164	217920	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	505546	20.00	ng	0.00
76) Chrysene-d12	21.76	240	539288	20.00	ng	0.00
87) Perylene-d12	25.02	264	590304	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.68	112	569227	126.03	ng	0.00
7) Phenol-d6	7.27	99	787333	121.45	ng	0.00
23) Nitrobenzene-d5	9.27	82	456411	73.07	ng	-0.01
42) 2,4,6-Tribromophenol	16.22	330	322670	111.29	ng	0.00
45) 2-Fluorobiphenyl	13.37	172	995705	72.33	ng	0.00
79) Terphenyl-d14	20.08	244	1698288	69.79	ng	-0.01

Target Compounds					Qvalue
2) 1,4-Dioxane	3.58	88	81127	39.358 ng	95
3) Pyridine	3.98	79	220590	35.544 ng	94
4) n-Nitrosodimethylamine	3.89	42	123644	40.944 ng	98
6) Aniline	7.44	93	293421	33.548 ng	98
8) 2-Chlorophenol	7.68	128	226631	46.421 ng	97
9) Benzaldehyde	7.25	77	163261	38.700 ng	96
10) Phenol	7.30	94	308959	46.472 ng	100
11) bis(2-Chloroethyl)ether	7.53	93	215290	42.195 ng	95
12) 1,3-Dichlorobenzene	8.01	146	241523	40.560 ng	99
13) 1,4-Dichlorobenzene	8.15	146	246064	41.274 ng	96
14) 1,2-Dichlorobenzene	8.47	146	230712	40.655 ng	99
15) Benzyl Alcohol	8.35	79	245451	44.119 ng	97
16) 2,2'-oxybis(1-Chloropropan	8.65	45	445532	39.763 ng	98
17) 2-Methylphenol	8.55	107	203894	45.842 ng	98
18) Hexachloroethane	9.21	117	89290	40.568 ng	97
19) n-Nitroso-di-n-propylamine	8.92	70	196387	41.112 ng	97
20) 3+4-Methylphenols	8.88	107	277878	45.323 ng	95
22) Acetophenone	8.94	105	343505	41.828 ng	96
24) Nitrobenzene	9.32	77	286413	43.688 ng	99
25) Isophorone	9.84	82	530977	40.785 ng	98
26) 2-Nitrophenol	10.03	139	116061	45.020 ng	93
27) 2,4-Dimethylphenol	10.09	122	222988	48.899 ng	98
28) bis(2-Chloroethoxy)methane	10.32	93	294925	40.622 ng	99
29) 2,4-Dichlorophenol	10.56	162	236243	44.580 ng	99
30) 1,2,4-Trichlorobenzene	10.79	180	256695	39.675 ng	99
31) Naphthalene	10.98	128	674501	42.012 ng	99
32) Benzoic acid	10.20	122	146807	40.821 ng	93
33) 4-Chloroaniline	11.07	127	182531	24.324 ng	96
34) Hexachlorobutadiene	11.27	225	174088	38.404 ng	95
35) Caprolactam	11.83	113	81513m	41.364 ng	
36) 4-Chloro-3-methylphenol	12.18	107	252438	43.873 ng	97
37) 2-Methylnaphthalene	12.57	142	501881	41.731 ng	97
38) 1-Methylnaphthalene	12.79	142	468327	41.519 ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.94	216	309105	42.925 ng	99

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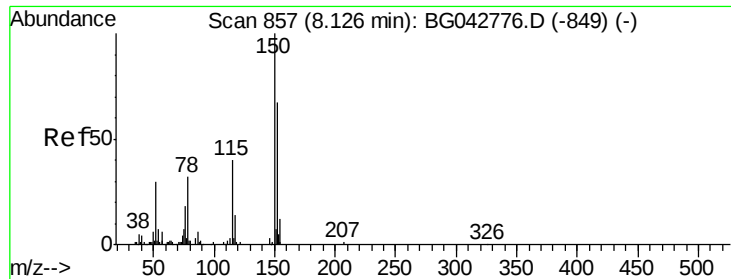
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.93	237	412028	99.879	nq	97
43) 2,4,6-Trichlorophenol	13.17	196	205556	42.877	nq	97
44) 2,4,5-Trichlorophenol	13.24	196	222477	45.306	nq	93
46) 1,1'-Biphenyl	13.57	154	658855	43.187	nq	99
47) 2-Chloronaphthalene	13.61	162	513557	40.694	nq	100
48) 2-Nitroaniline	13.80	65	188817	43.130	nq	98
49) Acenaphthylene	14.46	152	828370	42.953	nq	97
50) Dimethylphthalate	14.19	163	667314	40.877	nq	98
51) 2,6-Dinitrotoluene	14.29	165	153491	45.822	nq	94
52) Acenaphthene	14.80	154	542759	43.079	nq	99
53) 3-Nitroaniline	14.62	138	111525	29.665	nq	# 95
54) 2,4-Dinitrophenol	14.82	184	99265	60.196	nq	86
55) Dibenzofuran	15.13	168	784379	41.884	nq	97
56) 4-Nitrophenol	14.92	139	256975	88.405	nq	95
57) 2,4-Dinitrotoluene	15.08	165	198928	44.554	nq	100
58) Fluorene	15.78	166	649914	41.875	nq	100
59) 2,3,4,6-Tetrachlorophenol	15.35	232	217398	45.669	nq	99
60) Diethylphthalate	15.55	149	661566	39.923	nq	99
61) 4-Chlorophenyl-phenylether	15.78	204	367983	40.100	nq	96
62) 4-Nitroaniline	15.79	138	166015	40.968	nq	98
63) Azobenzene	16.06	77	661105	41.429	nq	98
65) 4,6-Dinitro-2-methylphenol	15.85	198	91878	42.474	nq	97
66) n-Nitrosodiphenylamine	15.98	169	584085	42.935	nq	99
67) 4-Bromophenyl-phenylether	16.67	248	248220	40.566	nq	98
68) Hexachlorobenzene	16.79	284	253107	38.711	nq	99
69) Atrazine	16.93	200	222310	46.928	nq	98
70) Pentachlorophenol	17.12	266	338649	87.310	nq	95
71) Phenanthrene	17.52	178	1012414	41.875	nq	98
72) Anthracene	17.61	178	1037616	42.958	nq	100
73) Carbazole	17.87	167	978006	42.601	nq	98
74) Di-n-butylphthalate	18.44	149	1124507	40.890	nq	99
75) Fluoranthene	19.52	202	1349174	43.058	nq	99
77) Benzidine	19.69	184	647545	42.978	nq	99
78) Pyrene	19.88	202	1368133	40.522	nq	99
80) Butylbenzylphthalate	20.78	149	550218	40.267	nq	100
81) Benzo(a)anthracene	21.74	228	1387923	40.477	nq	99
82) 3,3'-Dichlorobenzidine	21.65	252	397672	29.844	nq	100
83) Chrysene	21.80	228	1328165	40.893	nq	100
84) Bis(2-ethylhexyl)phthalate	21.66	149	776558	41.593	nq	98
85) Di-n-octyl phthalate	22.90	149	1328915	41.753	nq	99
86) Indeno(1,2,3-cd)pyrene	28.76	276	1662780	41.341	nq	# 94
88) Benzo(b)fluoranthene	23.99	252	1469187	42.387	nq	98
89) Benzo(k)fluoranthene	24.06	252	1384829	42.295	nq	98
90) Benzo(a)pyrene	24.88	252	1414761	43.591	nq	99
91) Dibenzo(a,h)anthracene	28.84	278	1367369	42.835	nq	99
92) Benzo(g,h,i)perylene	29.92	276	1356107	43.554	nq	99

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



#1

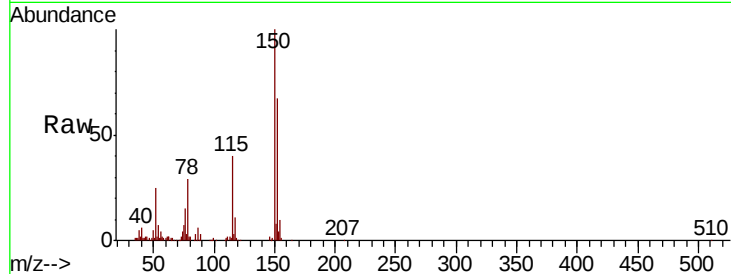
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.12 min Scan# 856
Delta R.T. -0.01 min
Lab File: BG042814.D
Acq: 13 Sep 2019 12:49

Instrument :
BNA_G
ClientSampleID :
PB122826BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	149.4	118.9	178.3
115	59.9	47.4	71.2

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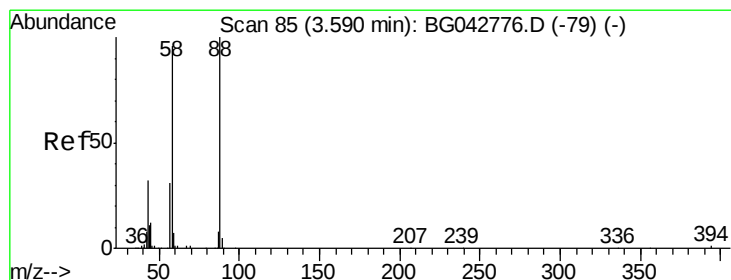
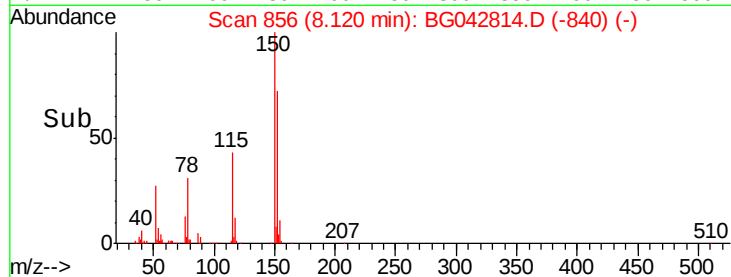
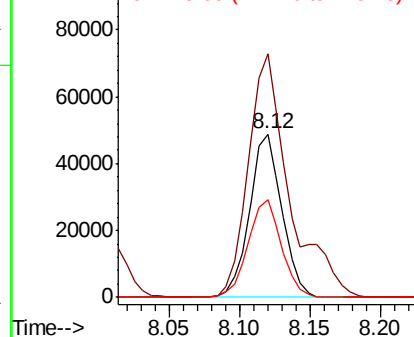


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

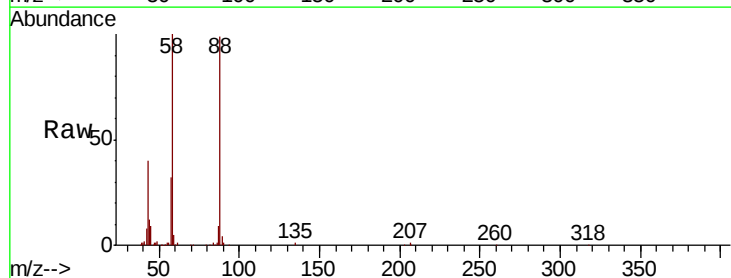
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 39.358 ng
RT: 3.58 min Scan# 84
Delta R.T. -0.01 min
Lab File: BG042814.D
Acq: 13 Sep 2019 12:49

Tgt Ion	Ratio	Lower	Upper
88	100		
58	104.7	79.1	118.7
43	39.6	30.4	45.6

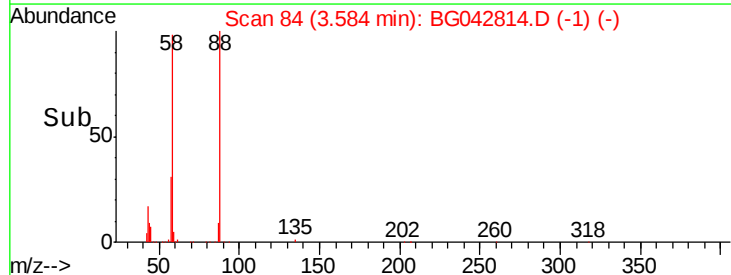
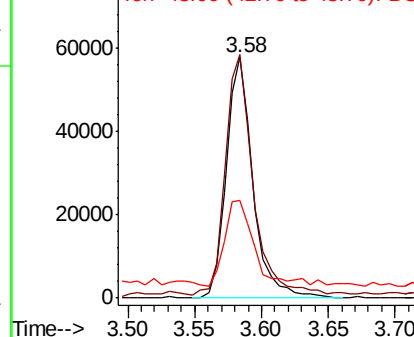


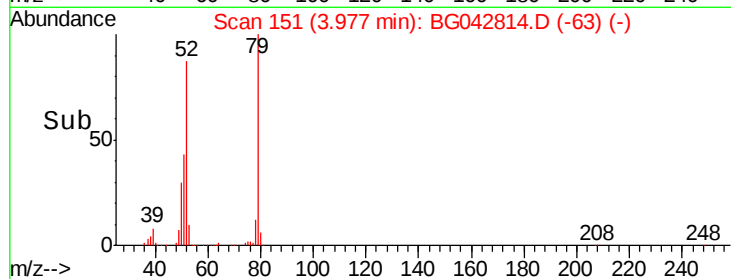
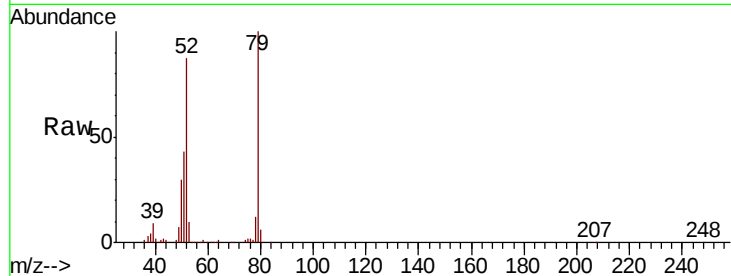
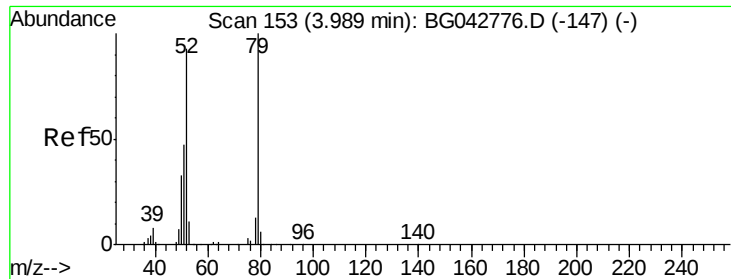
Abundance

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





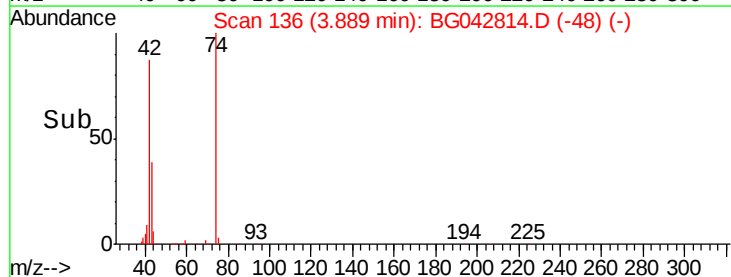
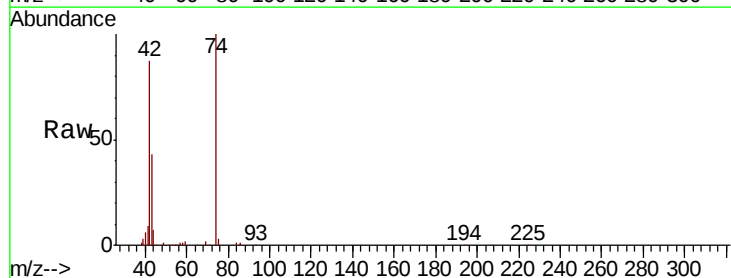
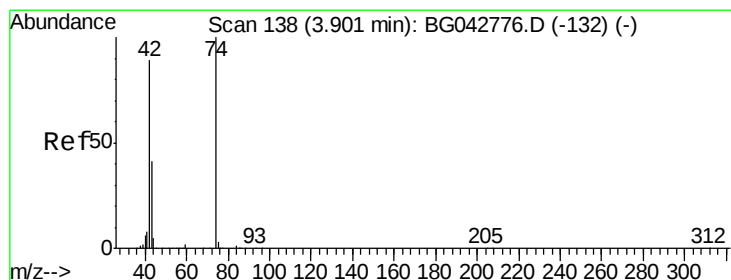
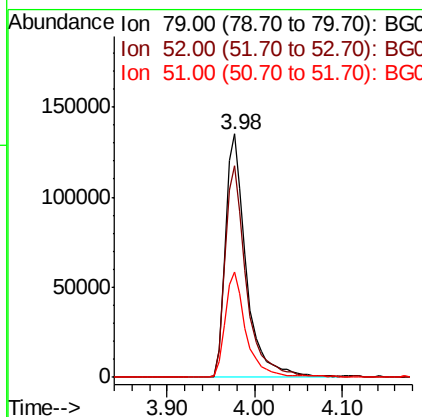
#3
 Pvridine
 Concen: 35.544 ng
 RT: 3.98 min Scan# 151
 Delta R.T. -0.01 min
 Lab File: BG042814.D
 Acq: 13 Sep 2019 12:49

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	79	100			
52	52	86.8	74.0	111.0	
51	51	43.4	37.5	56.3	

Instrument :
 BNA_G
 ClientSampleId :
 PB122826BS

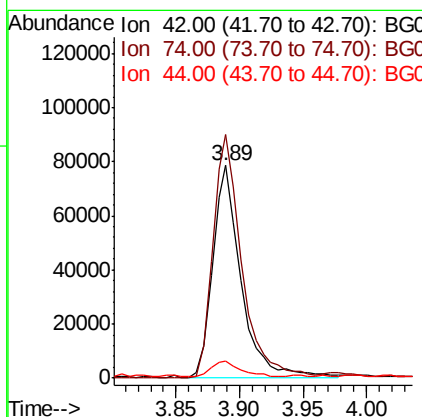
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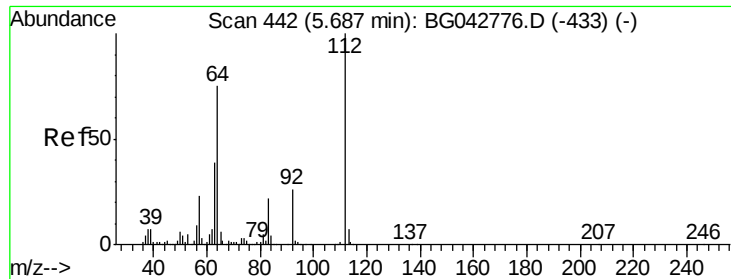
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#4
 n-Nitrosodimethylamine
 Concen: 40.944 ng
 RT: 3.89 min Scan# 136
 Delta R.T. -0.01 min
 Lab File: BG042814.D
 Acq: 13 Sep 2019 12:49

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	42	100			
74	74	114.6	90.2	135.2	
44	44	8.1	6.6	9.8	





#5

2-Fluorophenol

Concen: 126.032 ng

RT: 5.68 min Scan# 441

Delta R.T. -0.01 min

Lab File: BG042814.D

Acq: 13 Sep 2019 12:49

Instrument :

BNA_G

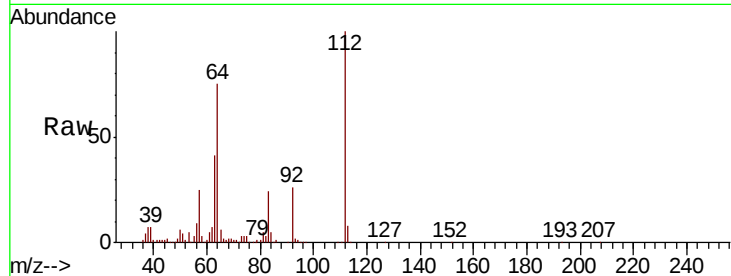
ClientSampleId :

PB122826BS

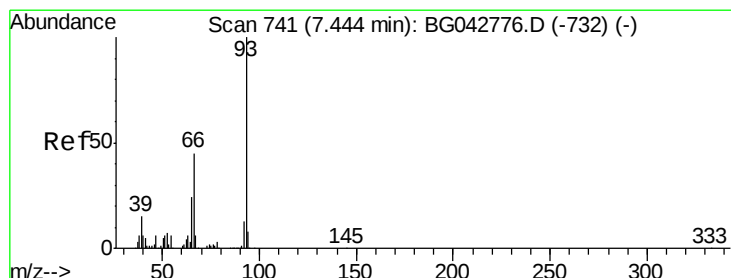
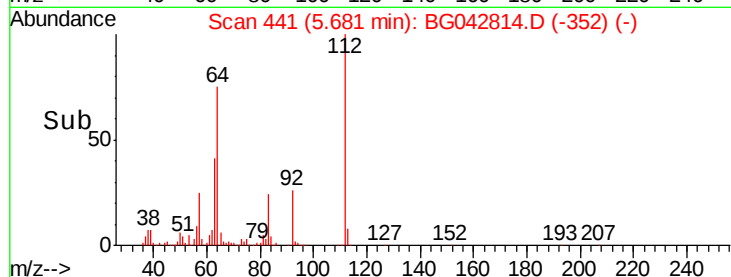
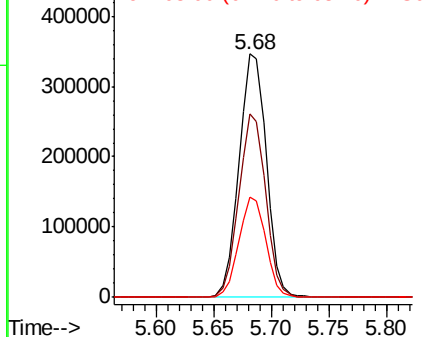
Tot Ion:	112	Resp:	569227
Ion Ratio	Lower	Upper	
112	100		
64	75.3	60.2	90.2
63	41.0	31.2	46.8

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



#6

Aniline

Concen: 33.548 ng

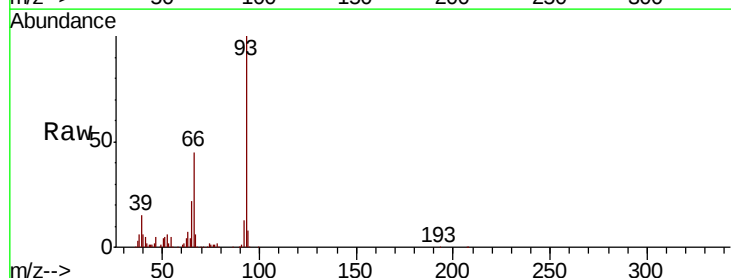
RT: 7.44 min Scan# 740

Delta R.T. -0.01 min

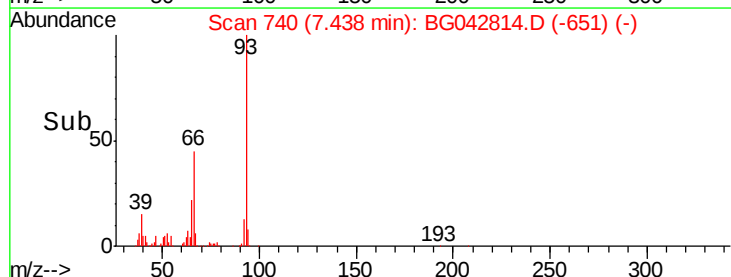
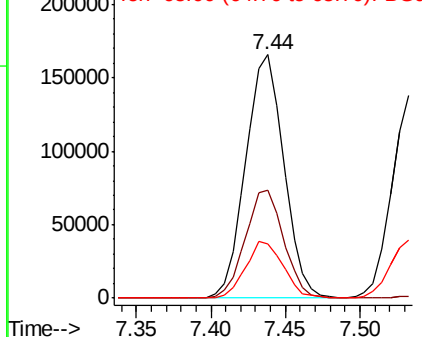
Lab File: BG042814.D

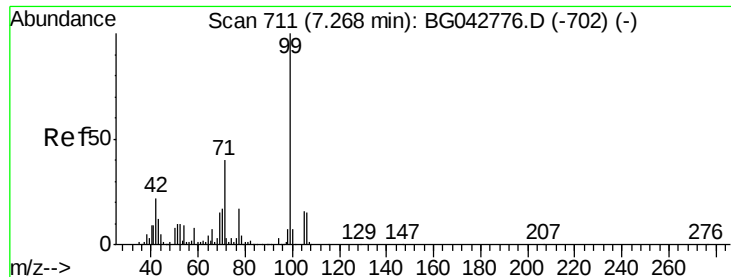
Acq: 13 Sep 2019 12:49

Tgt Ion:	93	Resp:	293421
Ion Ratio	Lower	Upper	
93	100		
66	44.5	36.3	54.5
65	22.4	19.3	28.9



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





#7

Phenol-d6

Concen: 121.451 ng

RT: 7.27 min Scan# 711

Delta R.T. -0.00 min

Lab File: BG042814.D

Acq: 13 Sep 2019 12:49

Instrument :

BNA_G

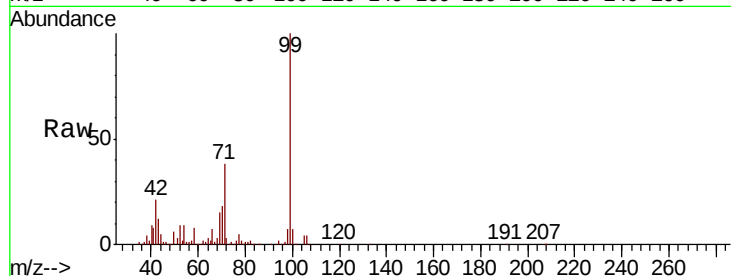
ClientSampleId :

PB122826BS

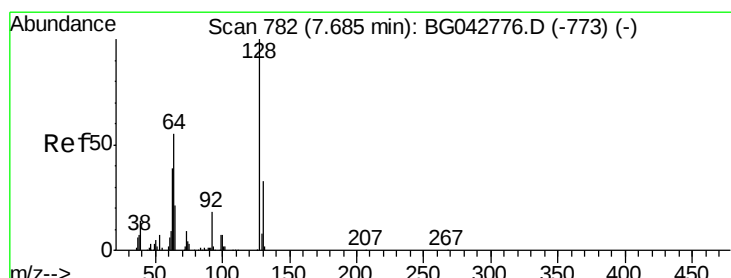
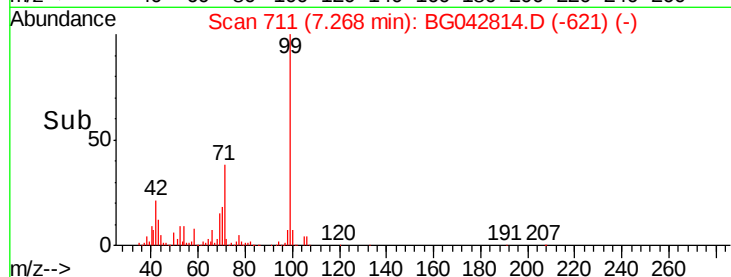
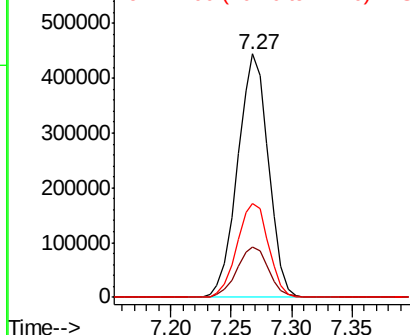
Tot Ion:	99	Resp:	787333
Ion Ratio	Lower	Upper	
99	100		
42	20.8	17.5	26.3
71	38.4	32.0	48.0

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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: 46.421 ng

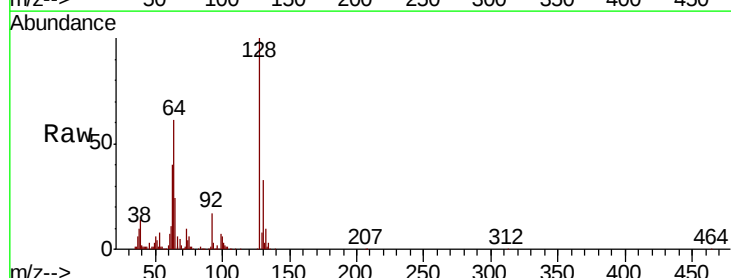
RT: 7.68 min Scan# 781

Delta R.T. -0.01 min

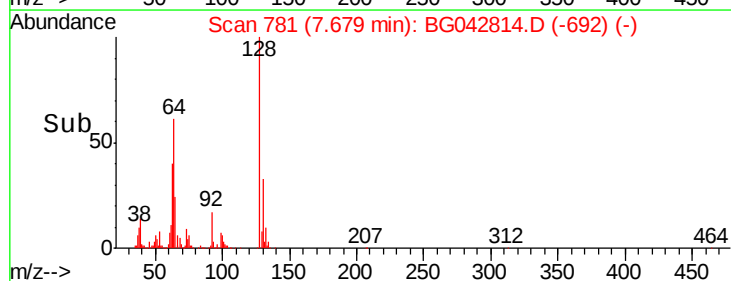
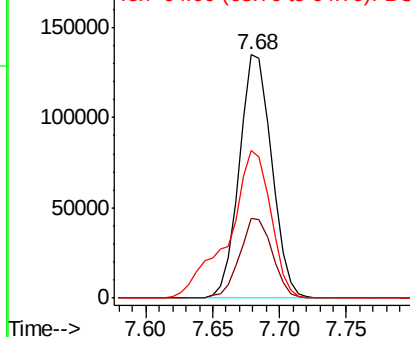
Lab File: BG042814.D

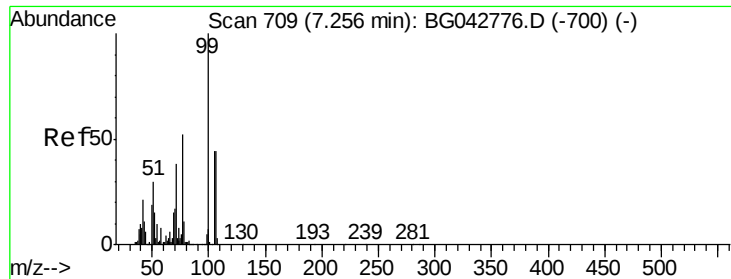
Acq: 13 Sep 2019 12:49

Tgt Ion:	128	Resp:	226631
Ion Ratio	Lower	Upper	
128	100		
130	33.0	12.8	52.8
64	60.7	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: 38.700 ng

RT: 7.25 min Scan# 708

Delta R.T. -0.01 min

Lab File: BG042814.D

Acq: 13 Sep 2019 12:49

Instrument :

BNA_G

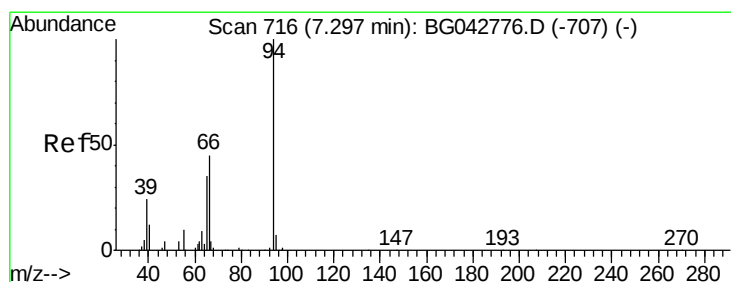
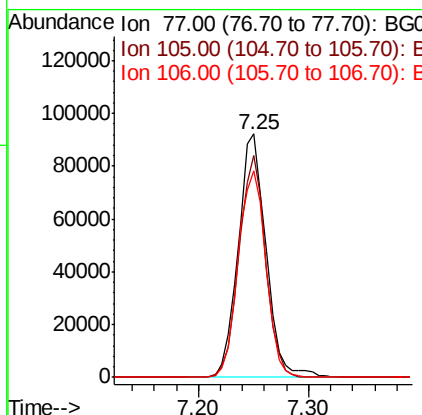
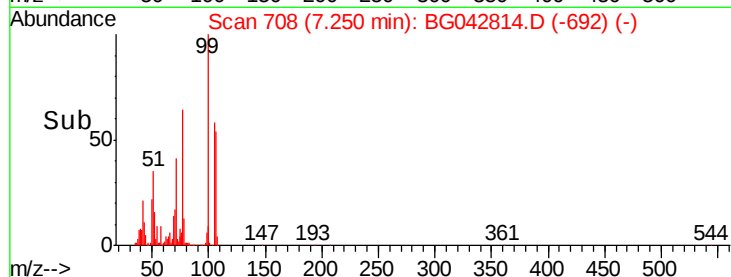
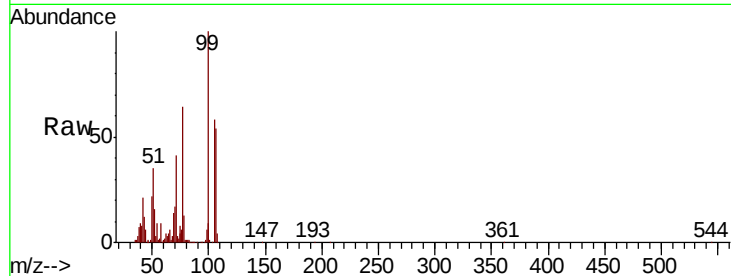
ClientSampleId :

PB122826BS

Tot Ion:	77	Resp:	163261
Ion	Ratio	Lower	Upper
77	100		
105	91.2	64.5	104.5
106	84.8	63.4	103.4

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#10

Phenol

Concen: 46.472 ng

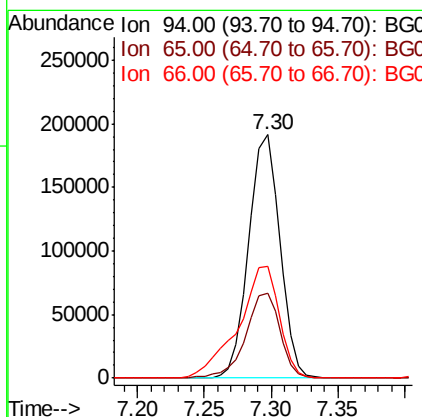
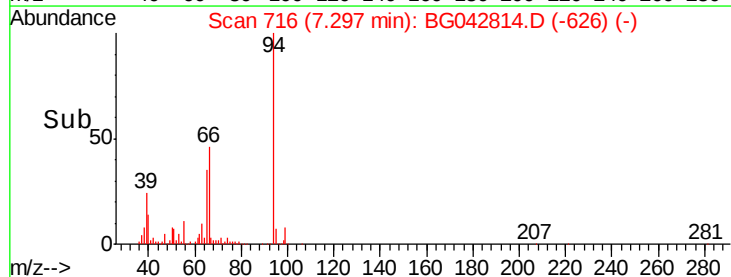
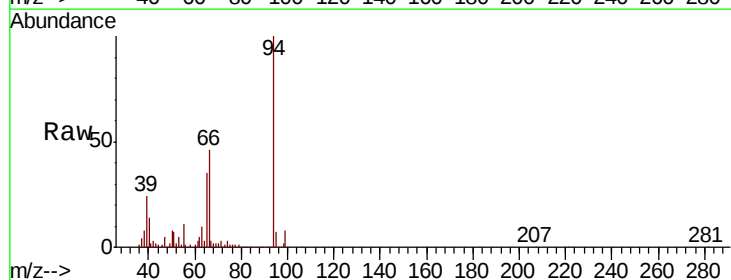
RT: 7.30 min Scan# 716

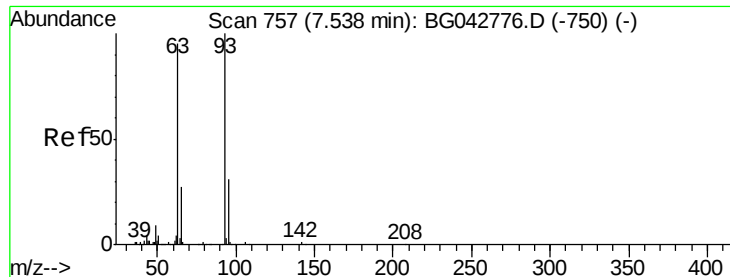
Delta R.T. -0.00 min

Lab File: BG042814.D

Acq: 13 Sep 2019 12:49

Tgt Ion:	94	Resp:	308959
Ion	Ratio	Lower	Upper
94	100		
65	35.1	15.0	55.0
66	46.1	26.1	66.1





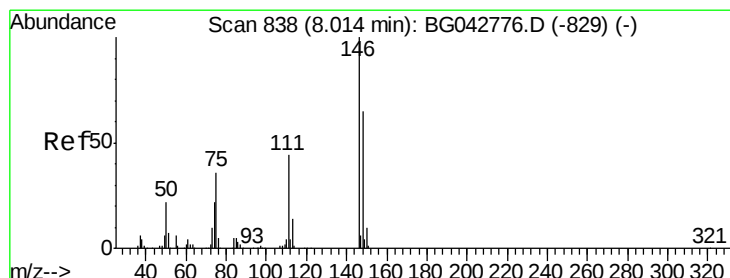
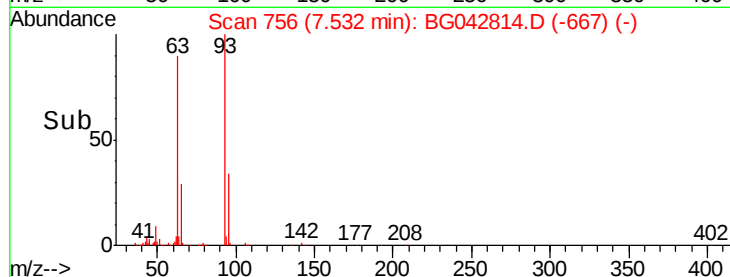
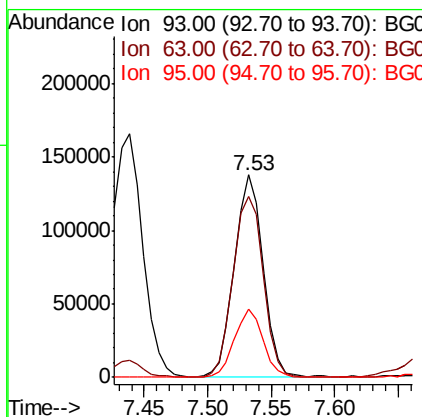
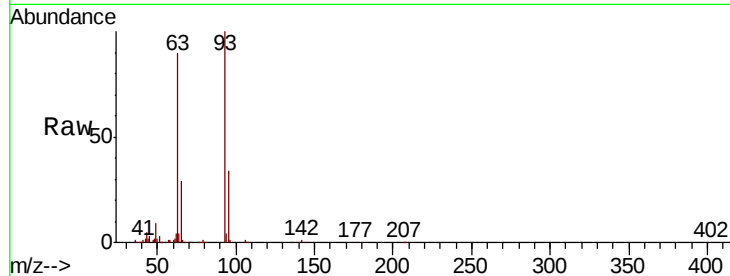
#11
bis(2-Chloroethyl)ether
Concen: 42.195 ng
RT: 7.53 min Scan# 756
Delta R.T. -0.01 min
Lab File: BG042814.D
Acq: 13 Sep 2019 12:49

Instrument :
BNA_G
ClientSampleId :
PB122826BS

Tot Ion	Ratio	Resp	Lower	Upper
93	100	215290		
63	89.6		74.7	114.7
95	33.9		11.1	51.1

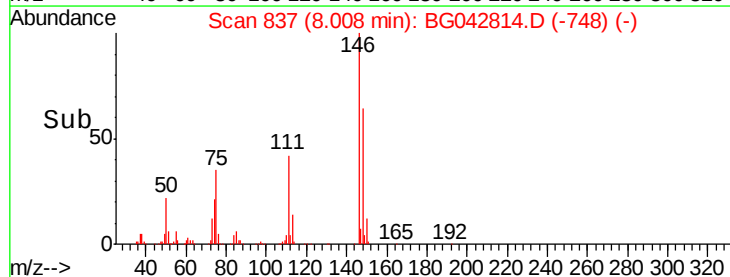
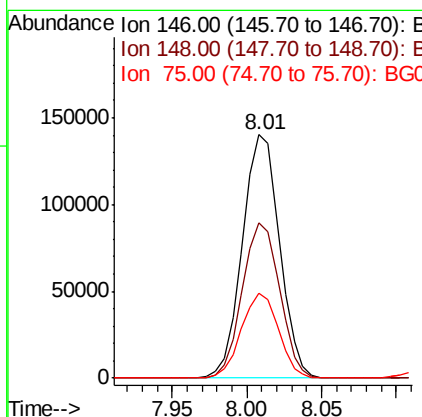
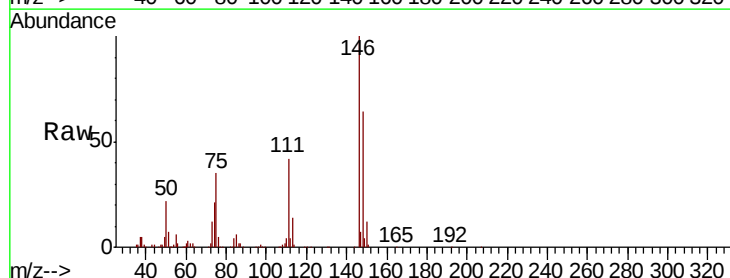
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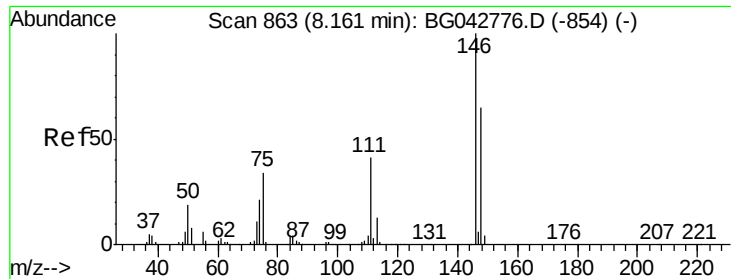
mohammad
9/16/2019 9:03:53 AM



#12
1,3-Dichlorobenzene
Concen: 40.560 ng
RT: 8.01 min Scan# 837
Delta R.T. -0.01 min
Lab File: BG042814.D
Acq: 13 Sep 2019 12:49

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	241523		
148	64.0		51.9	77.9
75	35.0		28.4	42.6





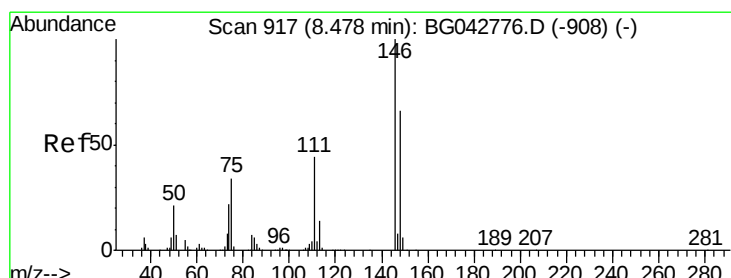
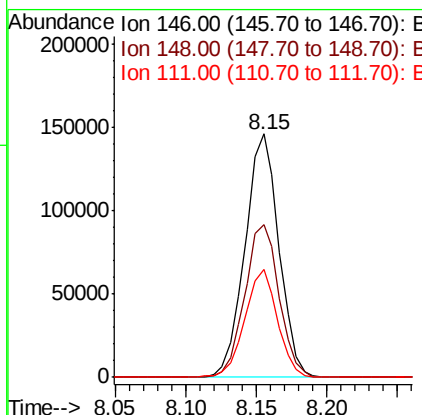
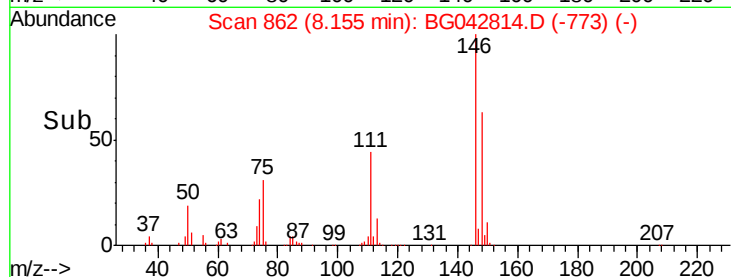
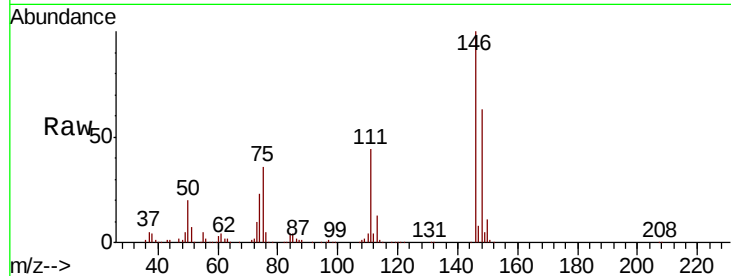
#13
1,4-Dichlorobenzene
Concen: 41.274 ng
RT: 8.15 min Scan# 862
Delta R.T. -0.01 min
Lab File: BG042814.D
Acq: 13 Sep 2019 12:49

Instrument :
BNA_G
ClientSampleId :
PB122826BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.6	52.2	78.4
111	44.3	32.6	49.0

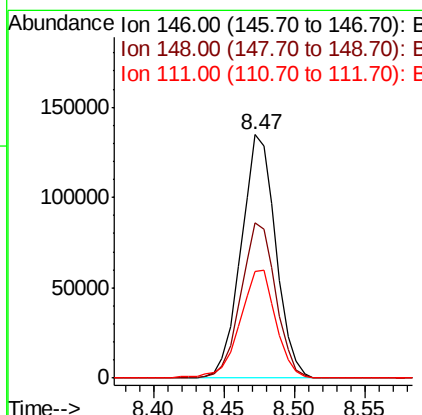
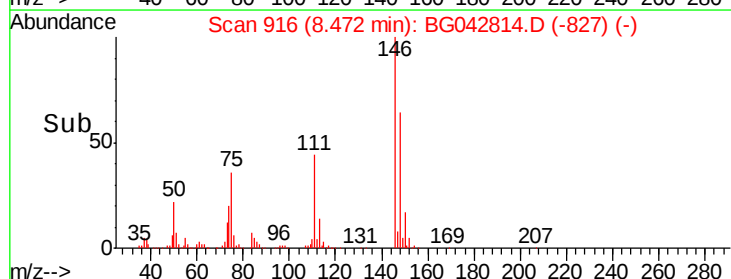
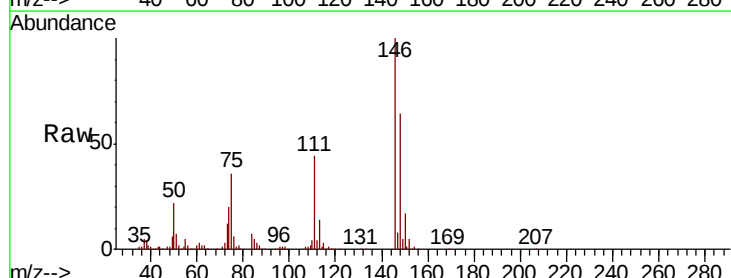
Manual Integrations
APPROVED

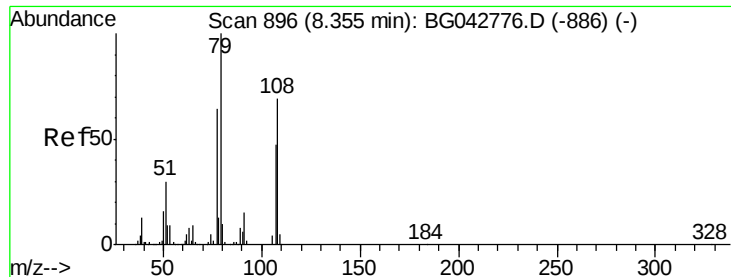
mohammad
9/16/2019 9:03:53 AM



#14
1,2-Dichlorobenzene
Concen: 40.655 ng
RT: 8.47 min Scan# 916
Delta R.T. -0.01 min
Lab File: BG042814.D
Acq: 13 Sep 2019 12:49

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.8	52.6	78.8
111	44.0	35.3	52.9





#15

Benzyl Alcohol

Concen: 44.119 ng

RT: 8.35 min Scan# 895

Delta R.T. -0.01 min

Lab File: BG042814.D

Acq: 13 Sep 2019 12:49

Instrument :

BNA_G

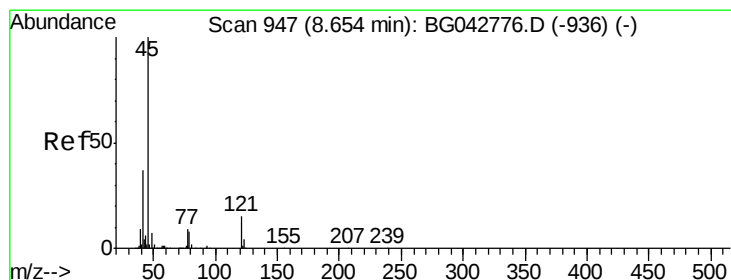
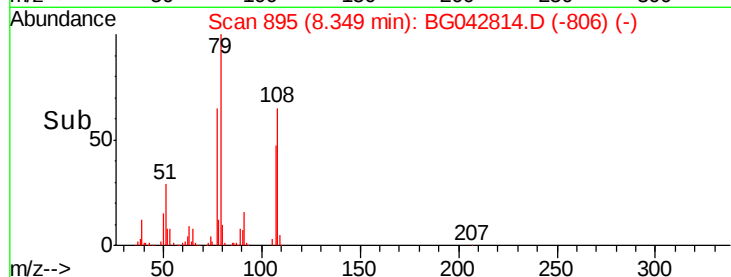
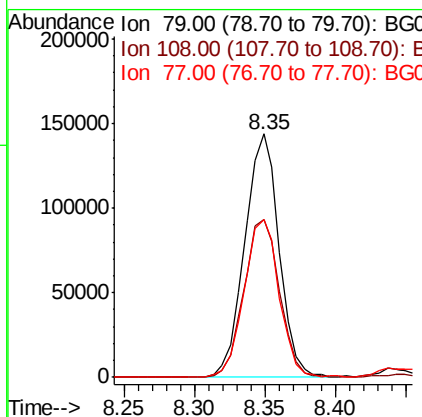
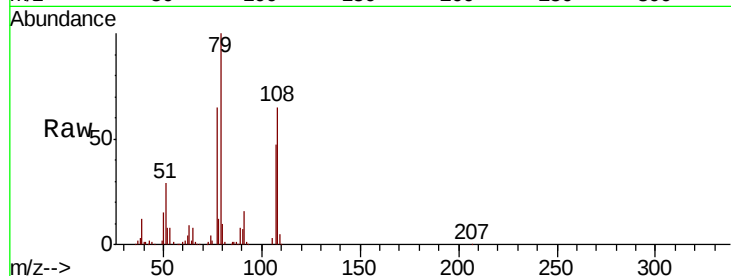
ClientSampleId :

PB122826BS

Tot Ion:	79	Resp:	245451
Ion Ratio	Lower	Upper	
79	100		
108	65.0	54.9	82.3
77	65.0	51.0	76.6

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.763 ng

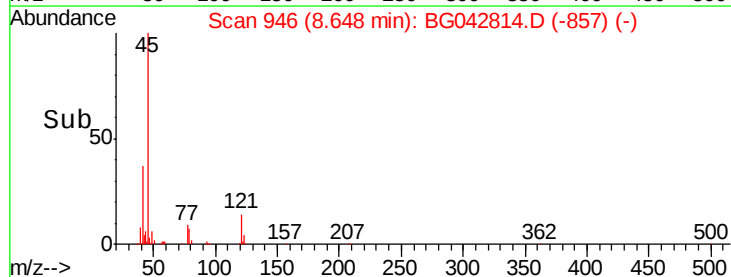
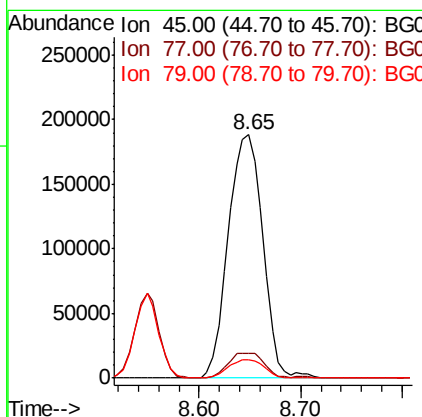
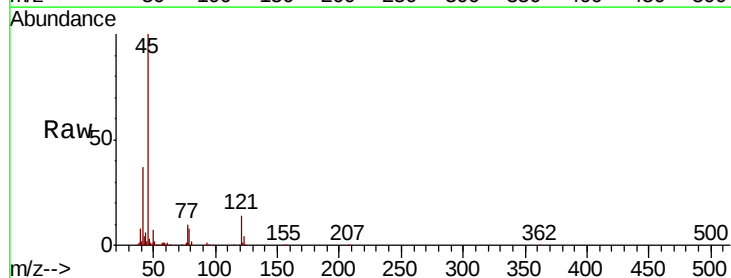
RT: 8.65 min Scan# 946

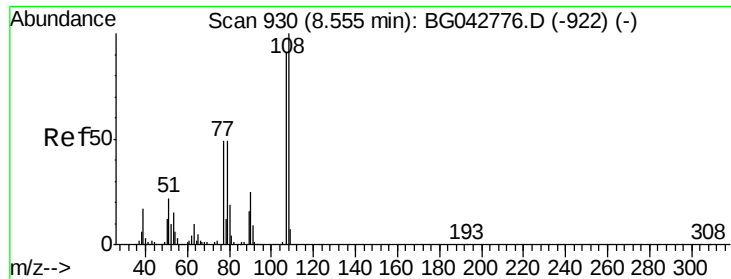
Delta R.T. -0.01 min

Lab File: BG042814.D

Acq: 13 Sep 2019 12:49

Tgt Ion:	45	Resp:	445532
Ion Ratio	Lower	Upper	
45	100		
77	10.4	0.0	29.4
79	7.6	0.0	28.4





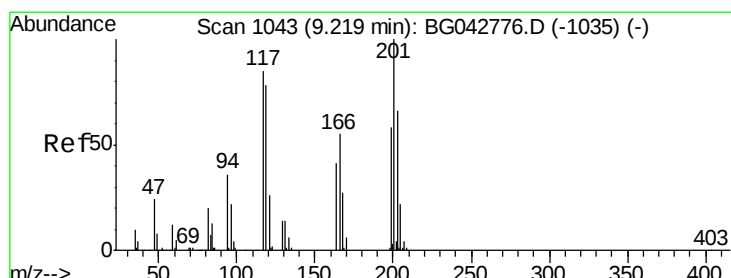
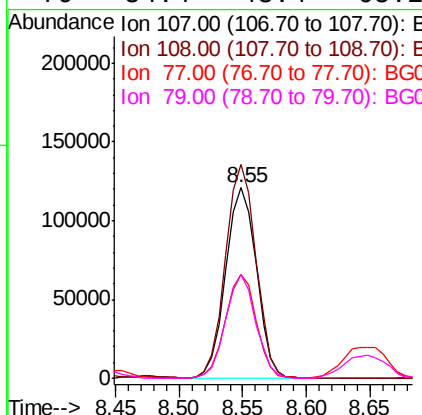
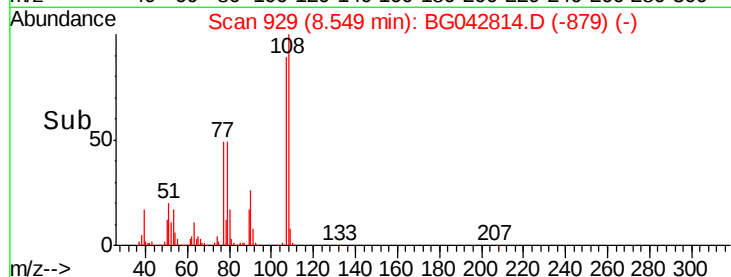
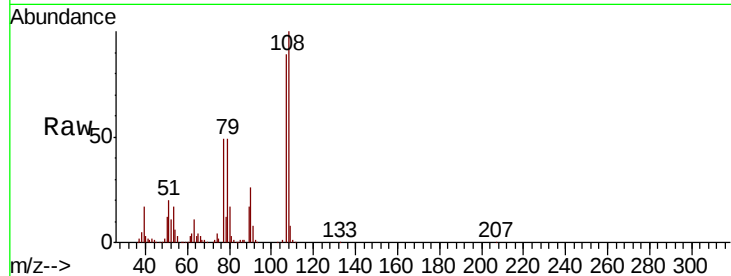
#17
2-Methylphenol
Concen: 45.842 ng
RT: 8.55 min Scan# 929
Delta R.T. -0.01 min
Lab File: BG042814.D
Acq: 13 Sep 2019 12:49

Instrument :
BNA_G
ClientSampleId :
PB122826BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	112.0	87.7	131.5	
77	54.4	42.6	64.0	
79	54.4	43.4	65.2	

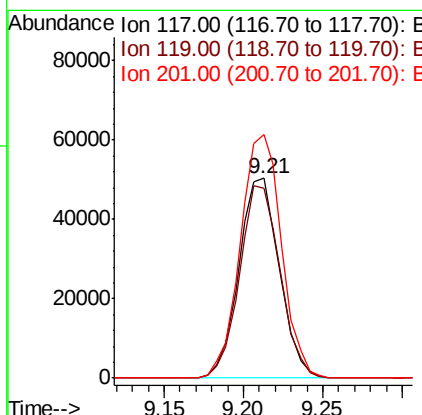
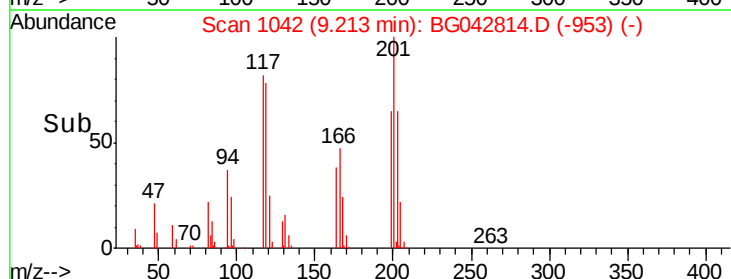
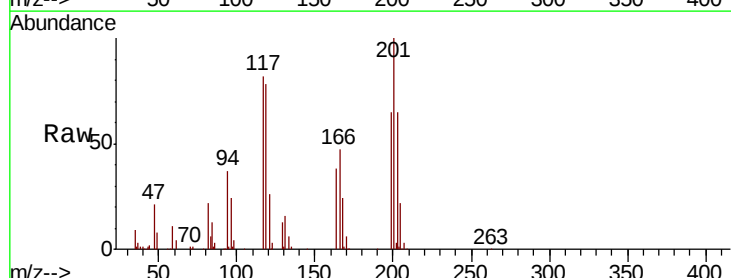
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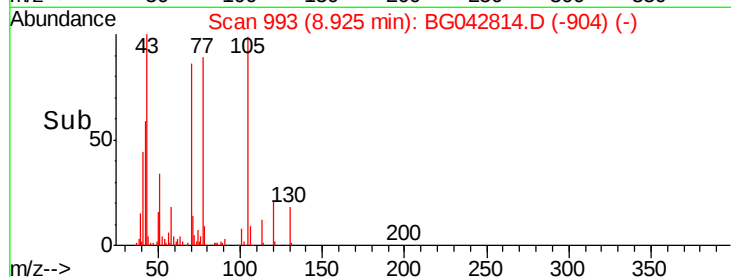
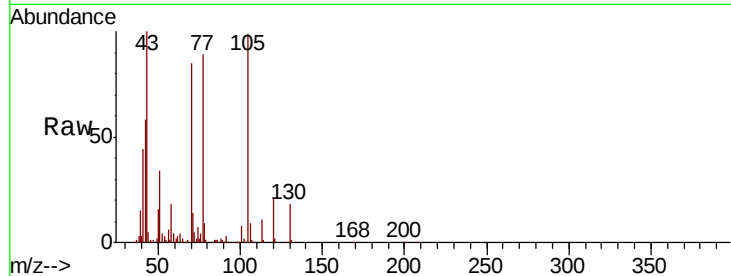
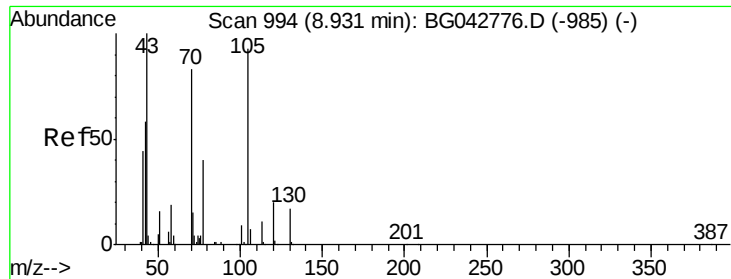
mohammad
9/16/2019 9:03:53 AM



#18
Hexachloroethane
Concen: 40.568 ng
RT: 9.21 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BG042814.D
Acq: 13 Sep 2019 12:49

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.1	73.8	110.8	
201	121.8	94.6	142.0	





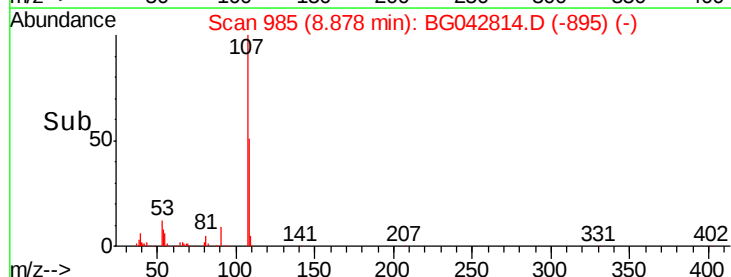
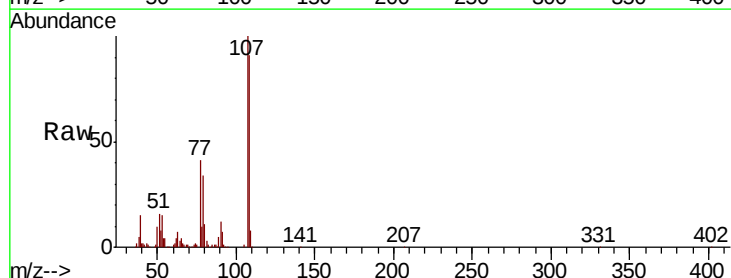
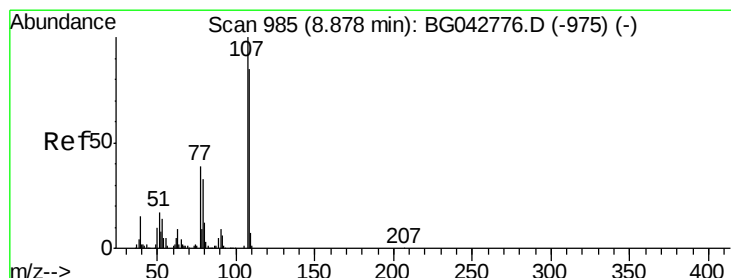
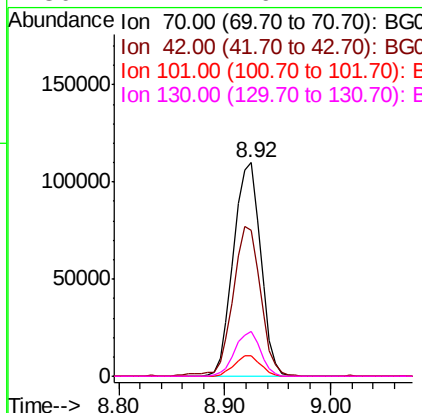
#19
n-Nitroso-di-n-propylamine
Concen: 41.112 ng
RT: 8.92 min Scan# 993
Delta R.T. -0.01 min
Lab File: BG042814.D
Acq: 13 Sep 2019 12:49

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		196387		
42	68.5	57.0	85.6		
101	9.4	8.4	12.6		
130	21.1	16.1	24.1		

Instrument :
BNA_G
ClientSampleId :
PB122826BS

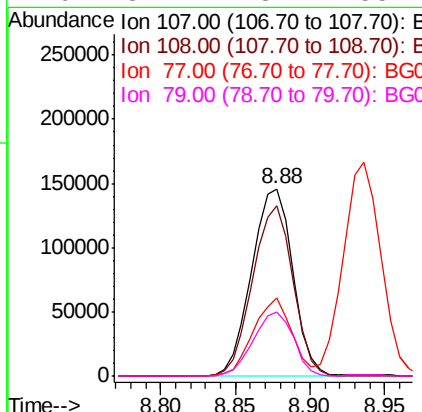
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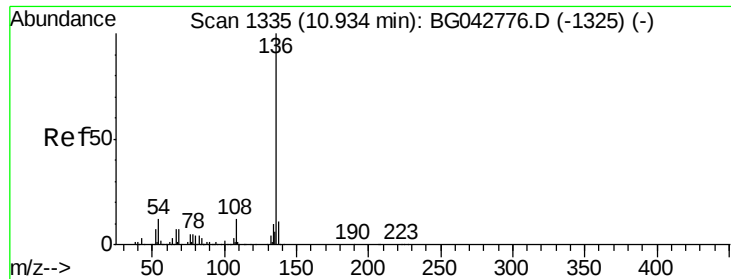
mohammad
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#20
3+4-Methylphenols
Concen: 45.323 ng
RT: 8.88 min Scan# 985
Delta R.T. -0.00 min
Lab File: BG042814.D
Acq: 13 Sep 2019 12:49

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		277878		
108	91.3	65.4	105.4		
77	41.4	18.7	58.7		
79	34.4	13.7	53.7		





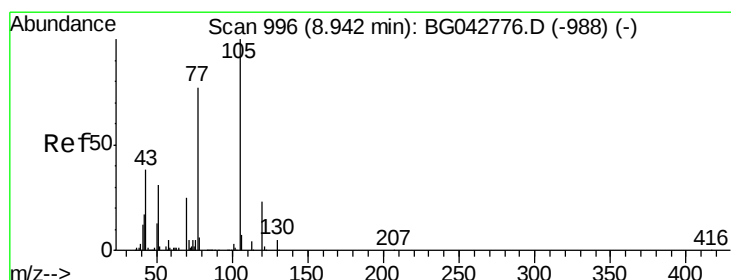
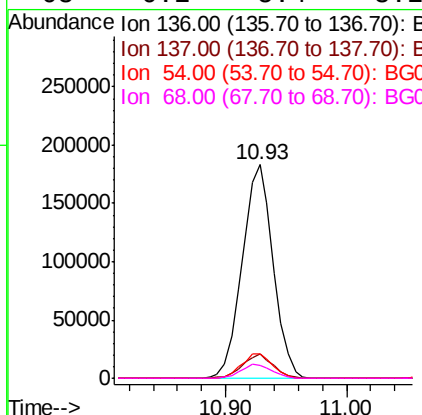
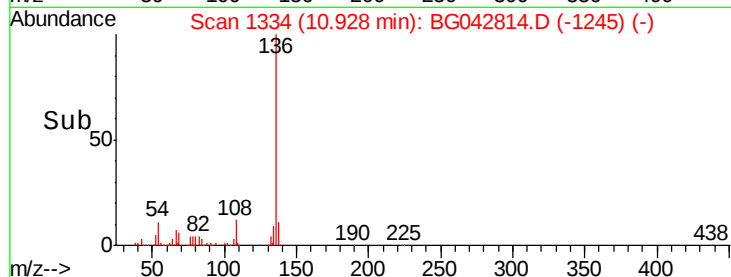
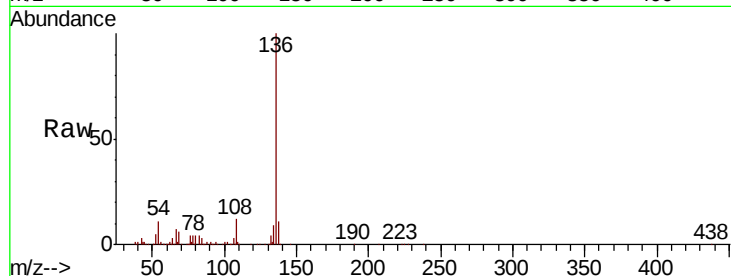
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BG042814.D
Acq: 13 Sep 2019 12:49

Instrument :
BNA_G
ClientSampleId :
PB122826BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	325173		
137	11.2	9.0	13.6	
54	11.5	9.4	14.0	
68	6.2	5.4	8.2	

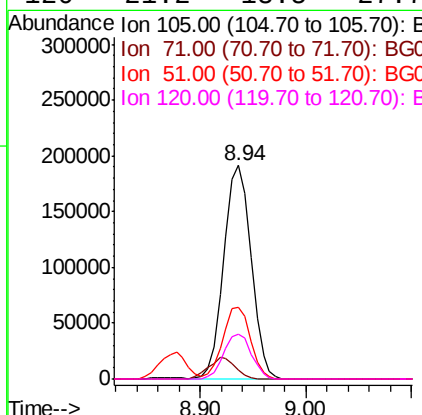
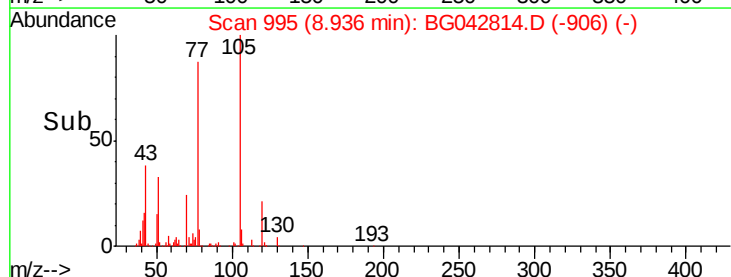
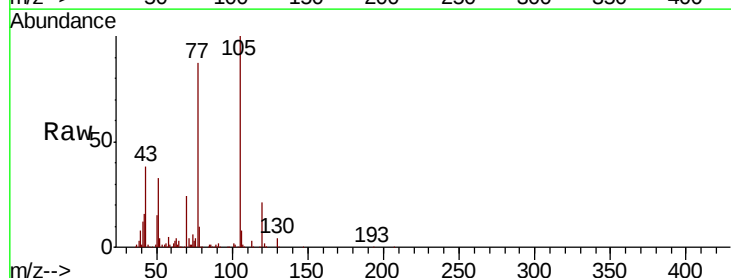
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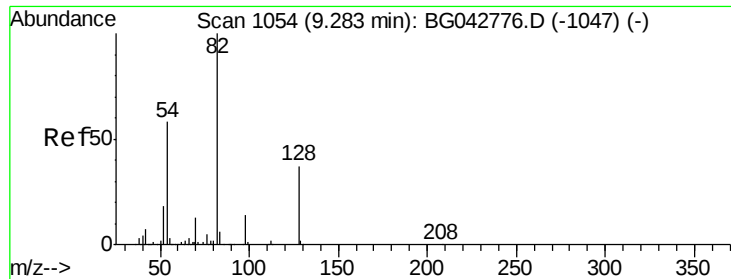
mohammad
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#22
Acetophenone
Concen: 41.828 ng
RT: 8.94 min Scan# 995
Delta R.T. -0.01 min
Lab File: BG042814.D
Acq: 13 Sep 2019 12:49

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	343505		
71	4.4	3.7	5.5	
51	33.5	28.8	43.2	
120	21.2	18.5	27.7	





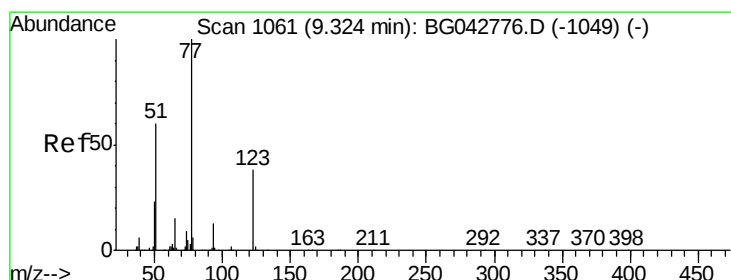
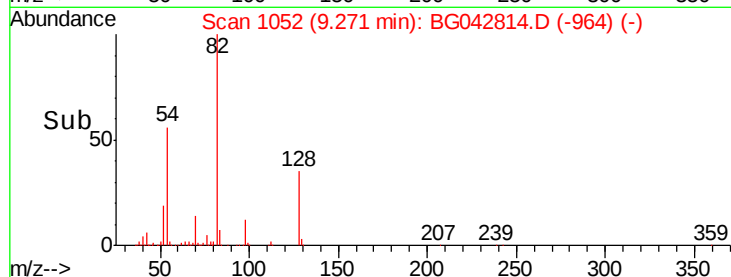
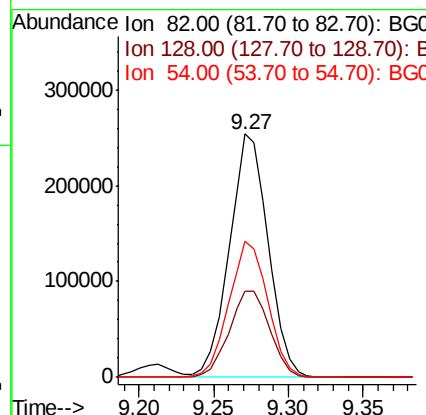
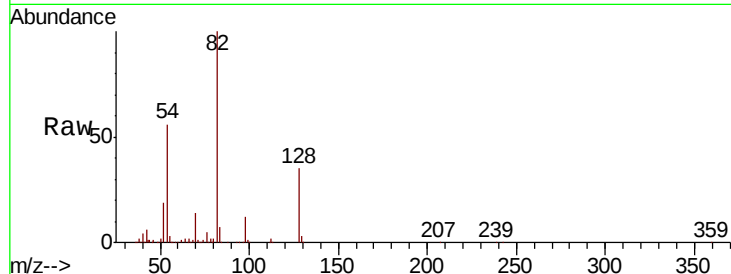
#23
Nitrobenzene-d5
Concen: 73.075 ng
RT: 9.27 min Scan# 1052
Delta R.T. -0.01 min
Lab File: BG042814.D
Acq: 13 Sep 2019 12:49

Instrument :
BNA_G
ClientSampleId :
PB122826BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	35.2	29.8	44.8	
54	56.1	46.1	69.1	

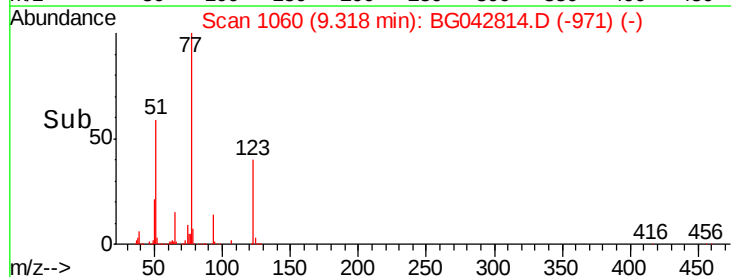
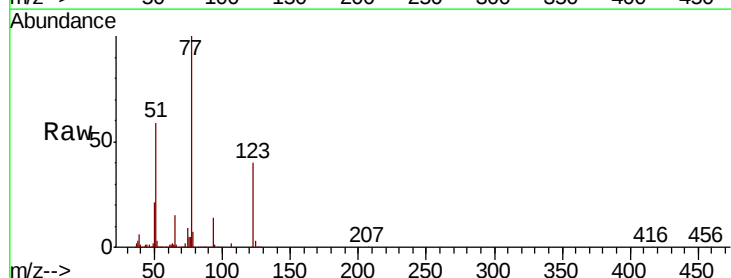
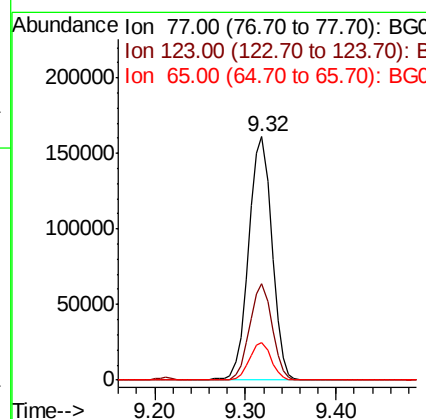
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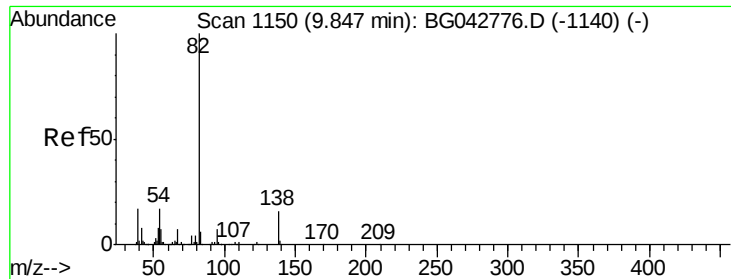
mohammad
9/16/2019 9:03:53 AM



#24
Nitrobenzene
Concen: 43.688 ng
RT: 9.32 min Scan# 1060
Delta R.T. -0.01 min
Lab File: BG042814.D
Acq: 13 Sep 2019 12:49

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	39.6	30.7	46.1	
65	15.3	12.2	18.4	





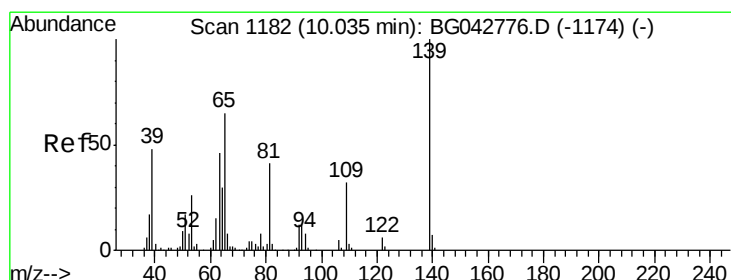
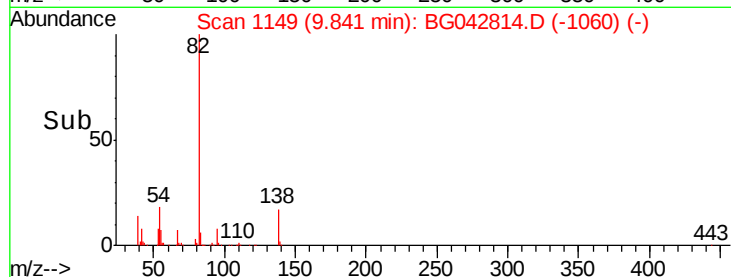
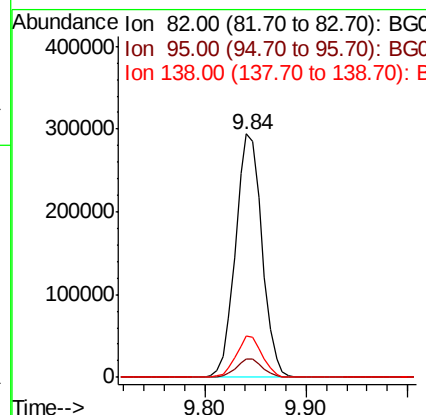
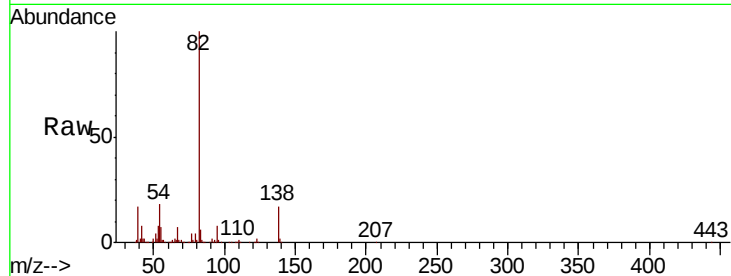
#25
Isophorone
Concen: 40.785 ng
RT: 9.84 min Scan# 1149
Delta R.T. -0.01 min
Lab File: BG042814.D
Acq: 13 Sep 2019 12:49

Instrument :
BNA_G
ClientSampleId :
PB122826BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	530977		
95	7.6		5.8	8.8
138	16.9		12.9	19.3

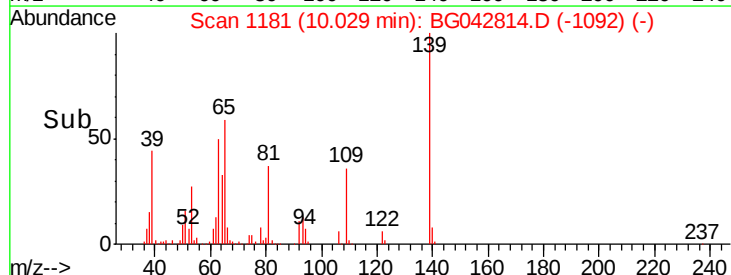
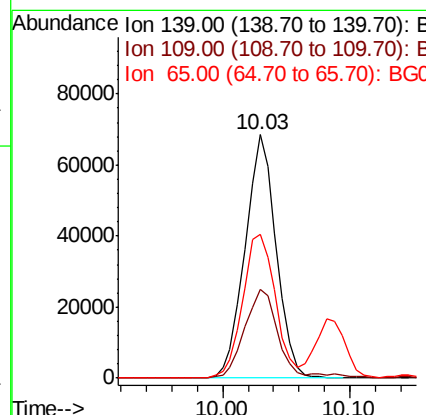
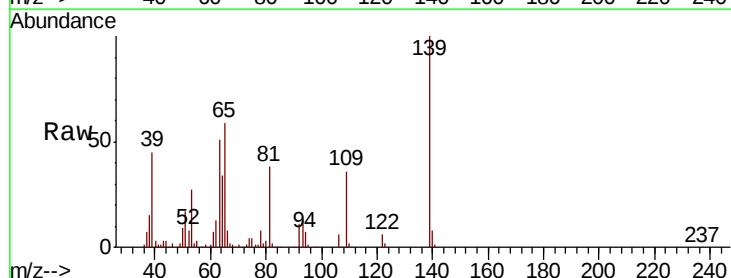
Manual Integrations
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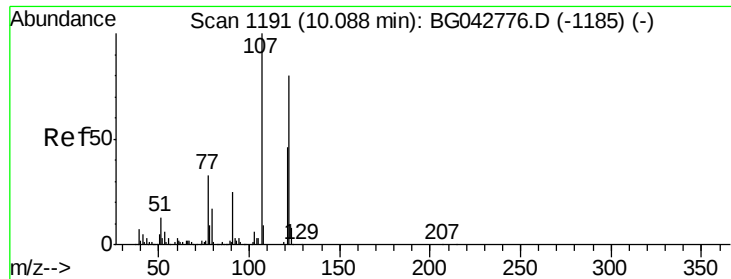
mohammad
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#26
2-Nitrophenol
Concen: 45.020 ng
RT: 10.03 min Scan# 1181
Delta R.T. -0.01 min
Lab File: BG042814.D
Acq: 13 Sep 2019 12:49

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	116061		
109	36.2		25.8	38.8
65	59.1		52.2	78.2





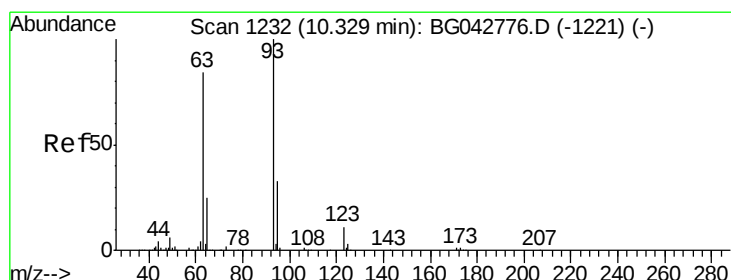
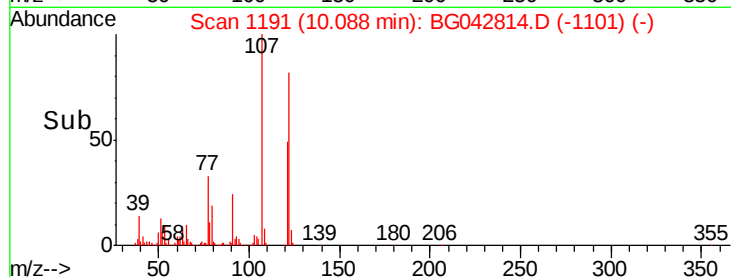
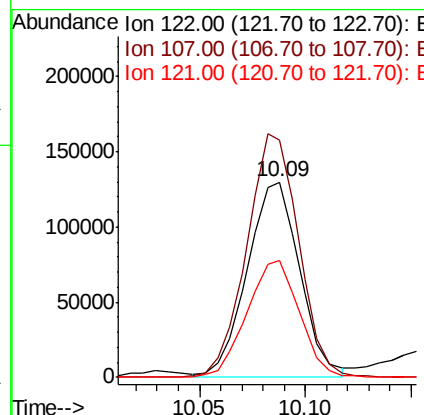
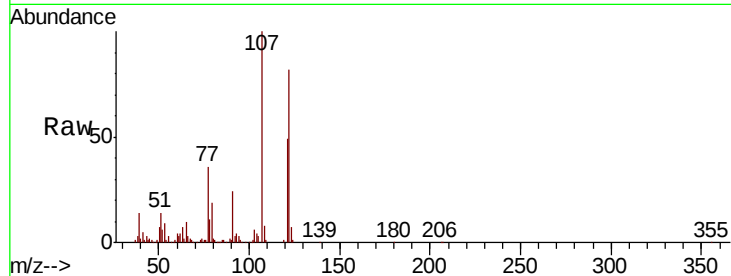
#27
 2,4-Dimethylphenol
 Concen: 48.899 ng
 RT: 10.09 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: BG042814.D
 Acq: 13 Sep 2019 12:49

Instrument :
 BNA_G
 ClientSampleId :
 PB122826BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	222988		
107	121.6	98.9	148.3	
121	59.7	46.2	69.2	

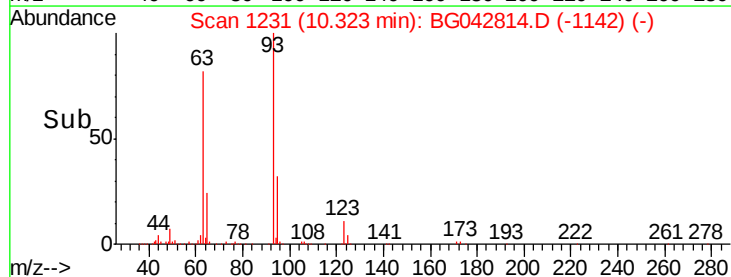
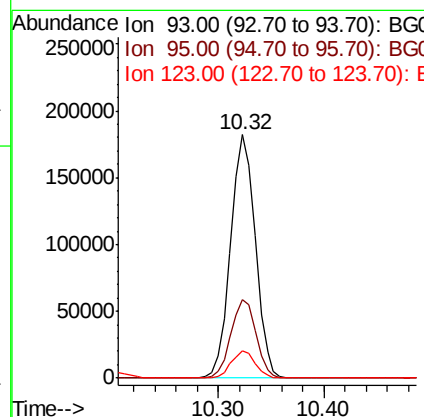
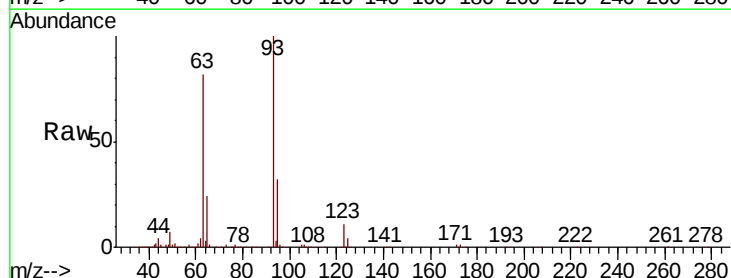
Manual Integrations
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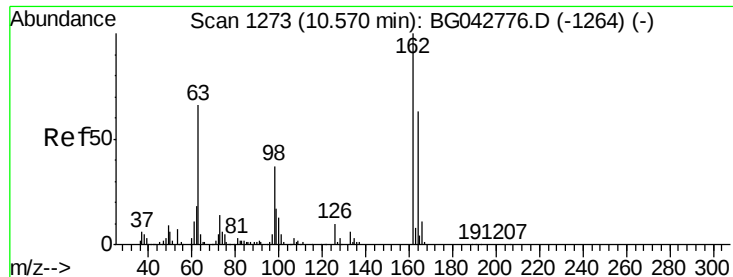
mohammad
 9/16/2019 9:03:53 AM



#28
 bis(2-Chloroethoxy)methane
 Concen: 40.622 ng
 RT: 10.32 min Scan# 1231
 Delta R.T. -0.01 min
 Lab File: BG042814.D
 Acq: 13 Sep 2019 12:49

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	294925		
95	32.4	26.6	40.0	
123	11.3	9.0	13.6	





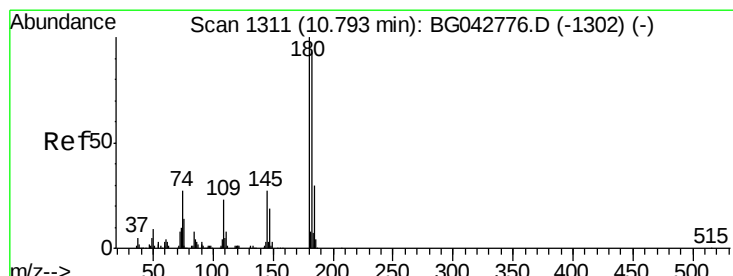
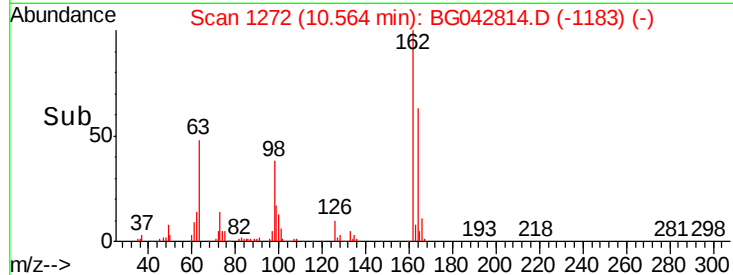
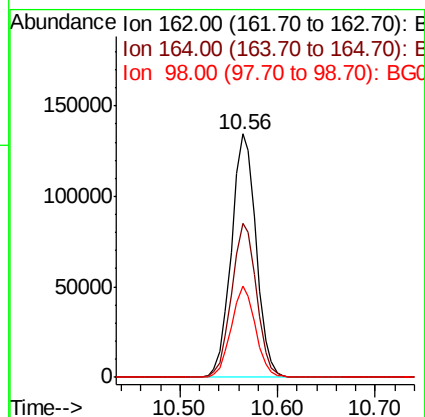
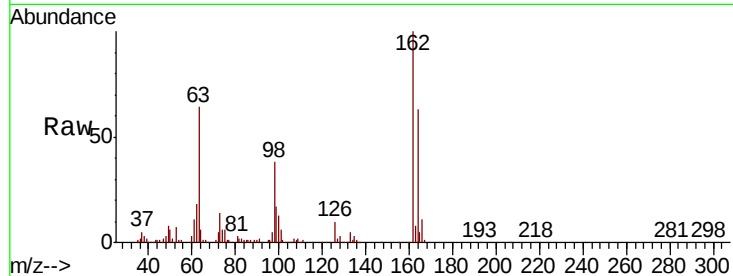
#29
 2,4-Dichlorophenol
 Concen: 44.580 ng
 RT: 10.56 min Scan# 1272
 Delta R.T. -0.01 min
 Lab File: BG042814.D
 Acq: 13 Sep 2019 12:49

Instrument :
 BNA_G
 ClientSampleId :
 PB122826BS

Tot Ion:	162	Resp:	236243
Ion Ratio	Lower	Upper	
162	100		
164	63.1	43.4	83.4
98	37.5	17.0	57.0

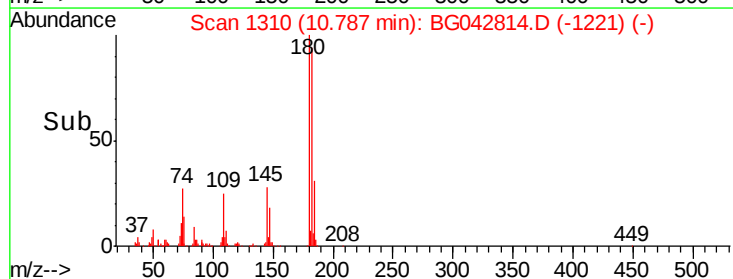
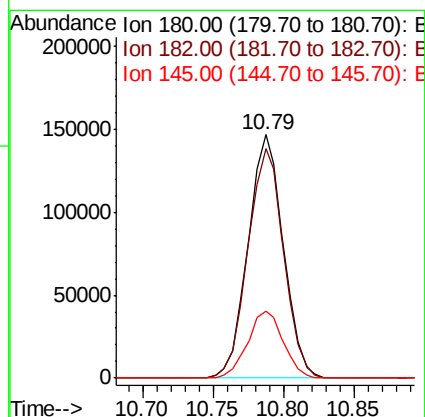
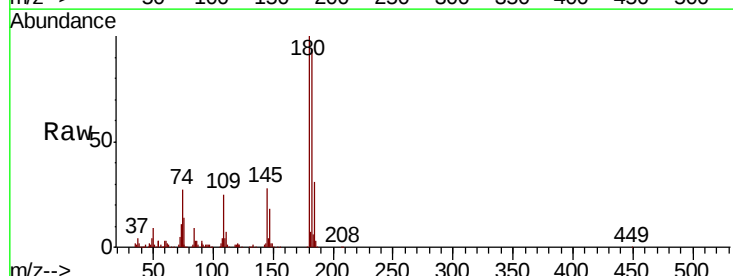
Manual Integrations
 APPROVED

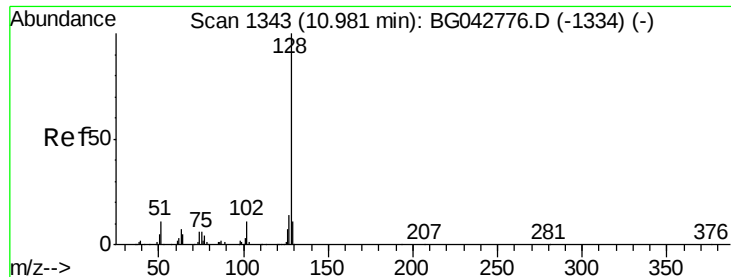
mohammad
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#30
 1,2,4-Trichlorobenzene
 Concen: 39.675 ng
 RT: 10.79 min Scan# 1310
 Delta R.T. -0.01 min
 Lab File: BG042814.D
 Acq: 13 Sep 2019 12:49

Tgt Ion:	180	Resp:	256695
Ion Ratio	Lower	Upper	
180	100		
182	94.2	74.6	112.0
145	27.6	21.8	32.6





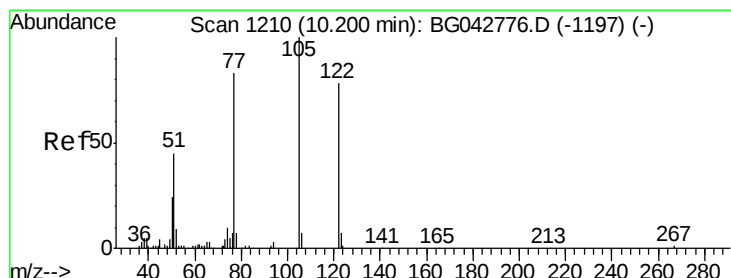
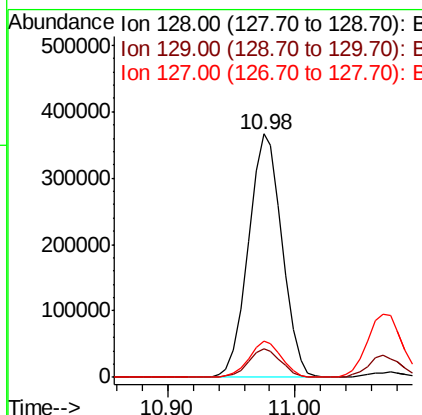
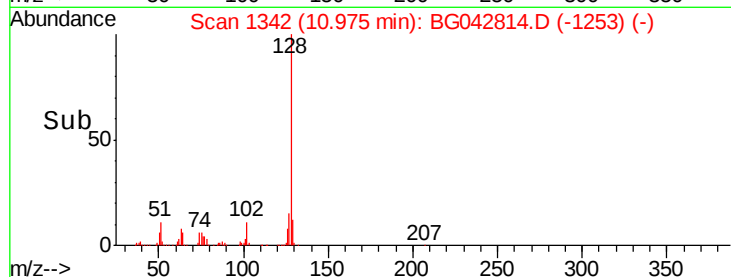
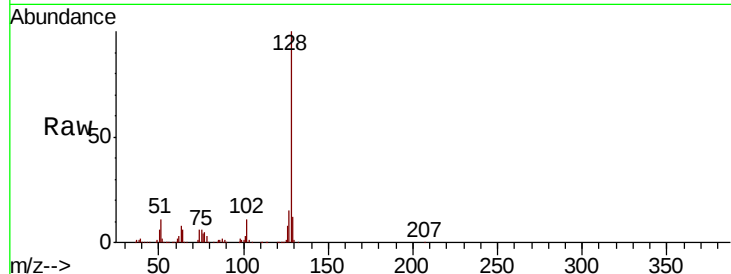
#31
Naphthalene
Concen: 42.012 ng
RT: 10.98 min Scan# 1342
Delta R.T. -0.01 min
Lab File: BG042814.D
Acq: 13 Sep 2019 12:49

Instrument :
BNA_G
ClientSampleId :
PB122826BS

Tot Ion	Ratio	Resp	Lower	Upper
128	100			
129	11.9	9.0	13.6	
127	14.8	11.4	17.2	

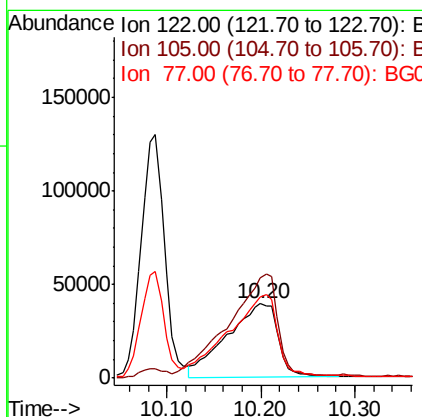
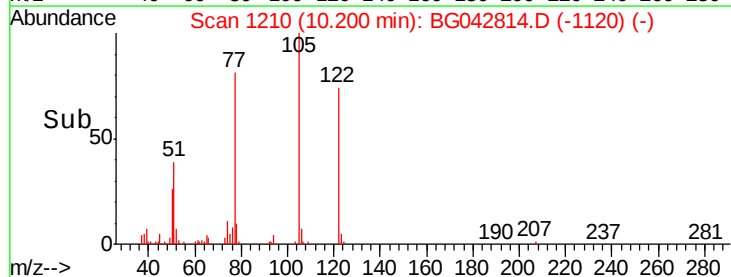
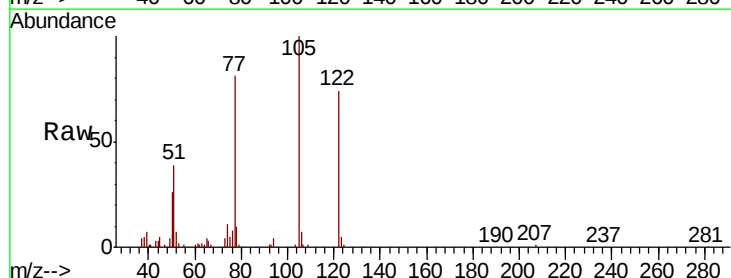
Manual Integrations
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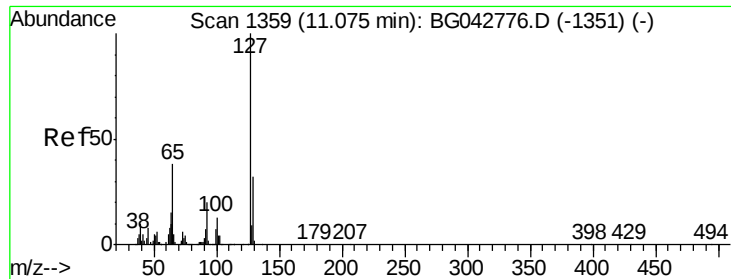
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#32
Benzoic acid
Concen: 40.821 ng
RT: 10.20 min Scan# 1210
Delta R.T. 0.00 min
Lab File: BG042814.D
Acq: 13 Sep 2019 12:49

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	134.9	104.0	144.0	
77	109.2	84.2	124.2	





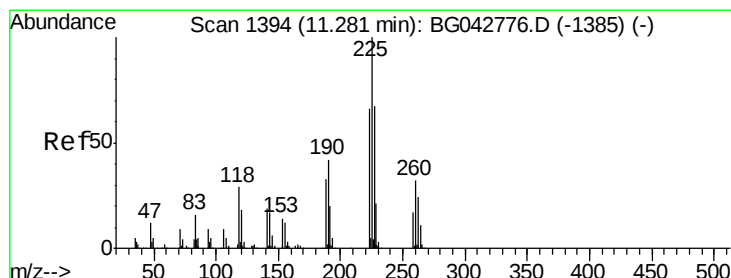
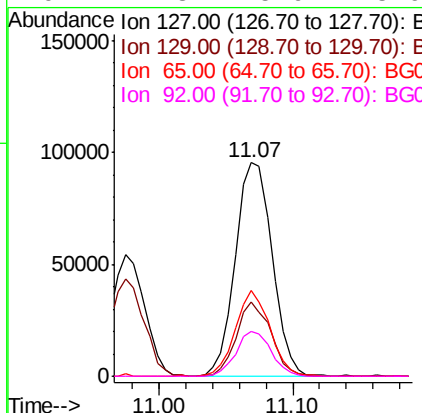
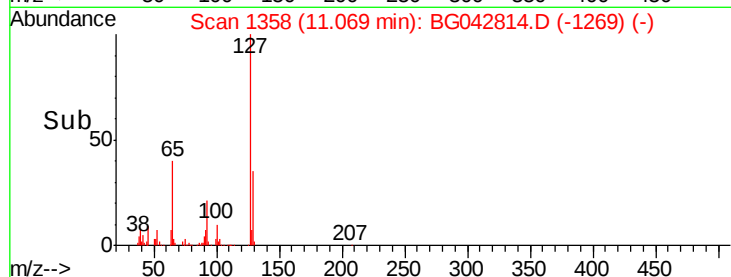
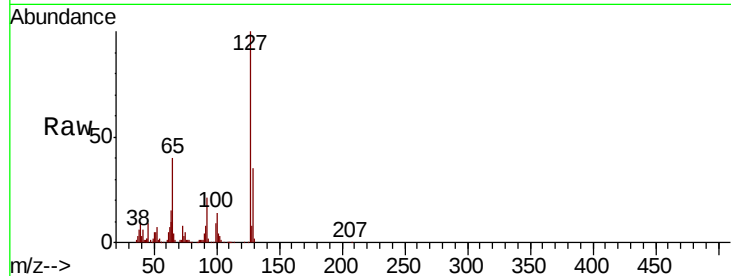
#33
4-Chloroaniline
Concen: 24.324 ng
RT: 11.07 min Scan# 1358
Delta R.T. -0.01 min
Lab File: BG042814.D
Acq: 13 Sep 2019 12:49

Instrument :
BNA_G
ClientSampleId :
PB122826BS

Tot Ion	Ratio	Resp	Lower	Upper
127	100	182531		
129	34.9	25.8	38.6	
65	40.2	30.5	45.7	
92	21.3	15.9	23.9	

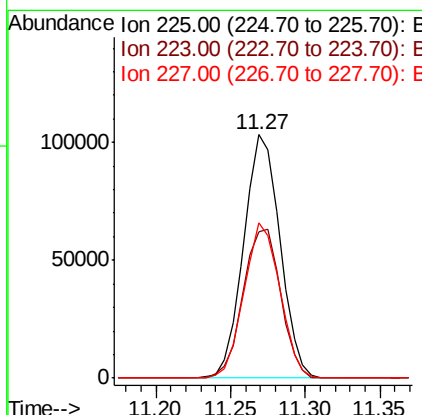
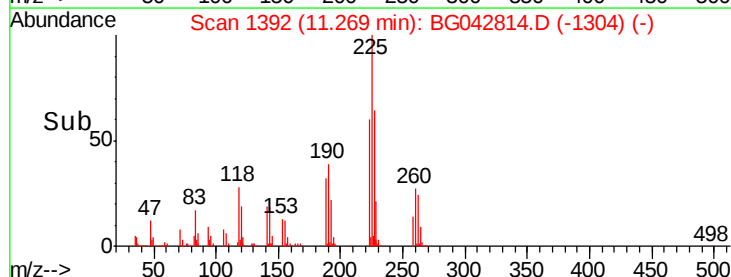
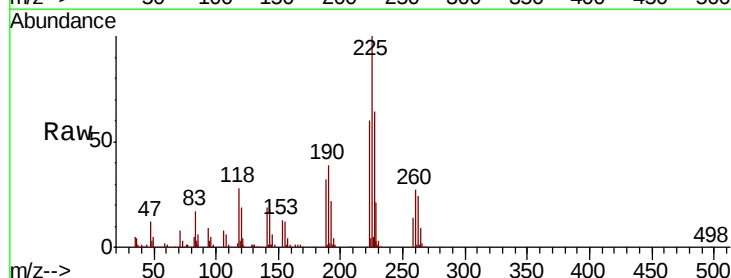
Manual Integrations
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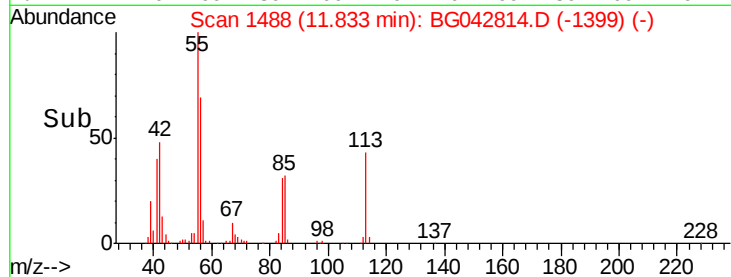
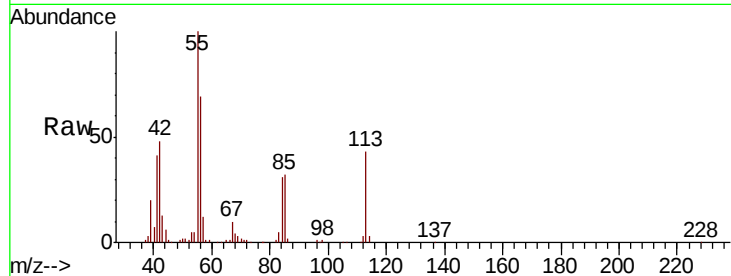
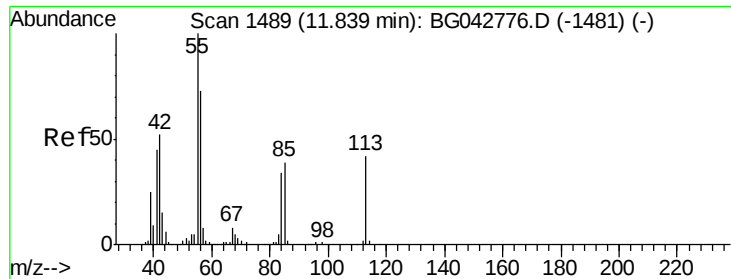
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#34
Hexachlorobutadiene
Concen: 38.404 ng
RT: 11.27 min Scan# 1392
Delta R.T. -0.01 min
Lab File: BG042814.D
Acq: 13 Sep 2019 12:49

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	174088		
223	60.1	52.6	79.0	
227	64.0	53.6	80.4	





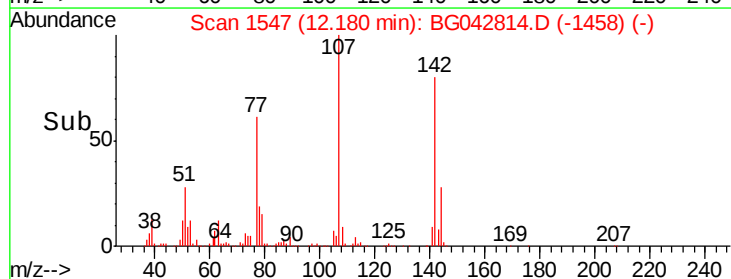
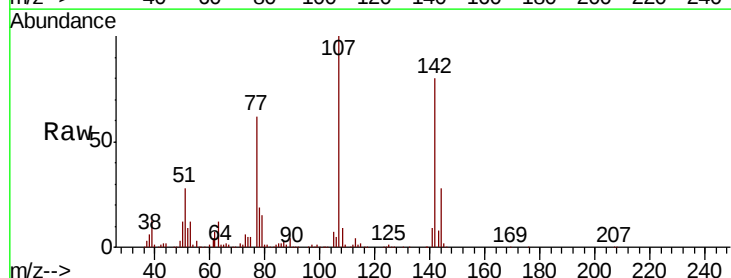
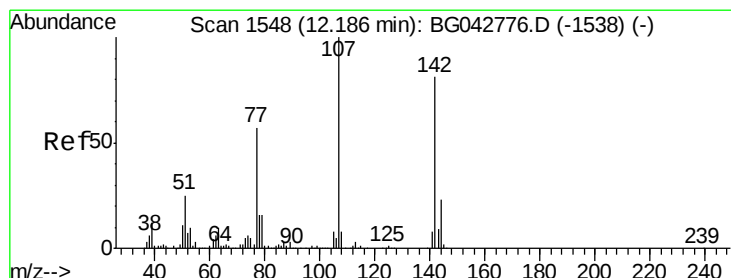
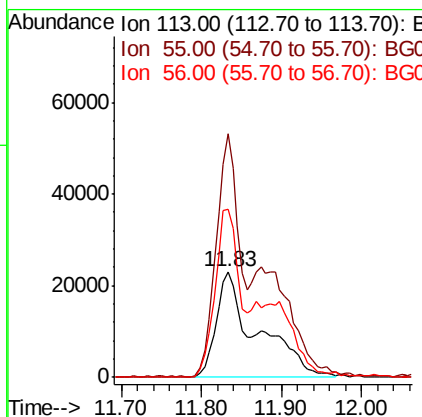
#35
Caprolactam
Concen: 41.364 ng/ml
RT: 11.83 min Scan# 1488
Delta R.T. -0.01 min
Lab File: BG042814.D
Acq: 13 Sep 2019 12:49

Instrument :
BNA_G
ClientSampleId :
PB122826BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	230.3	218.4	258.4
56	159.0	154.8	194.8

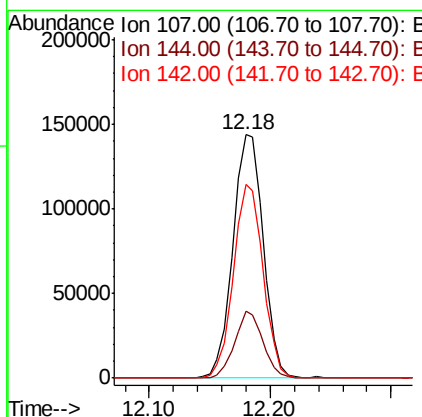
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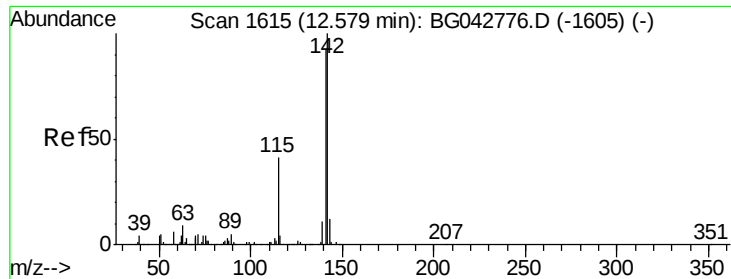
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#36
4-Chloro-3-methylphenol
Concen: 43.873 ng
RT: 12.18 min Scan# 1547
Delta R.T. -0.01 min
Lab File: BG042814.D
Acq: 13 Sep 2019 12:49

Tgt Ion	Ratio	Lower	Upper
107	100		
144	27.6	18.7	28.1
142	79.5	65.0	97.4





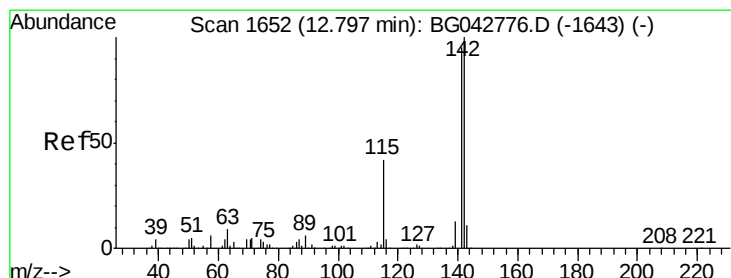
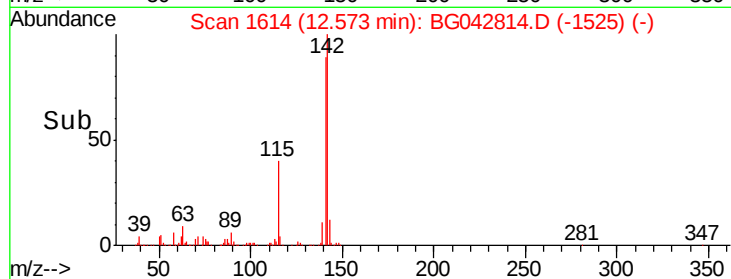
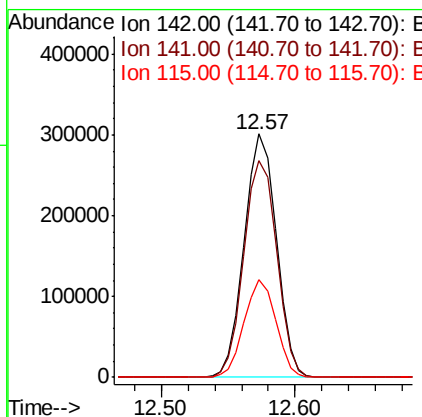
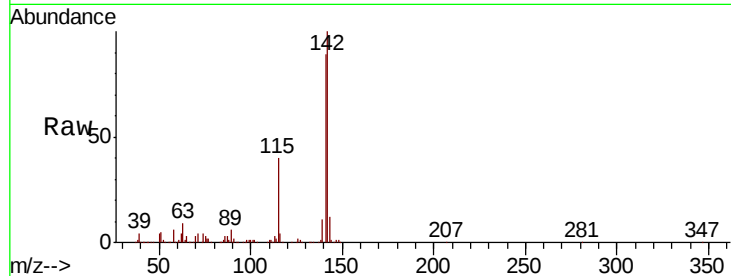
#37
2-Methylnaphthalene
Concen: 41.731 ng
RT: 12.57 min Scan# 1614
Delta R.T. -0.01 min
Lab File: BG042814.D
Acq: 13 Sep 2019 12:49

Instrument :
BNA_G
ClientSampleId :
PB122826BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.0	73.8	110.8
115	40.4	33.0	49.4

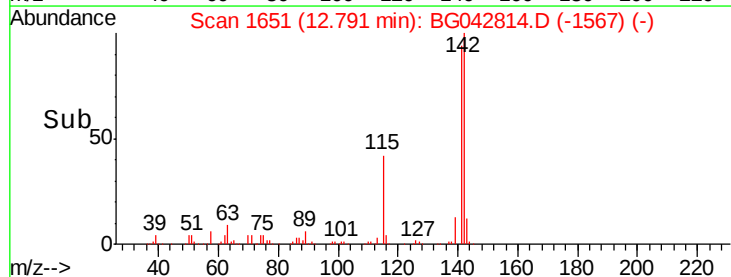
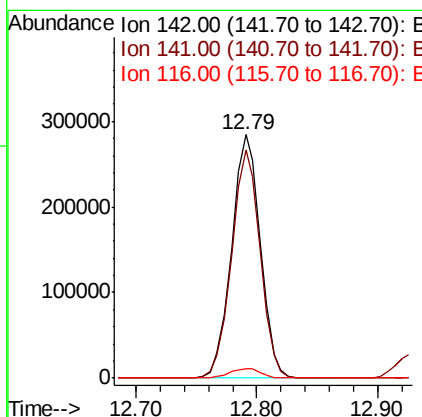
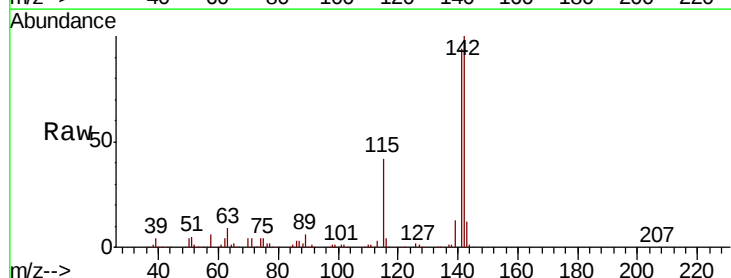
Manual Integrations
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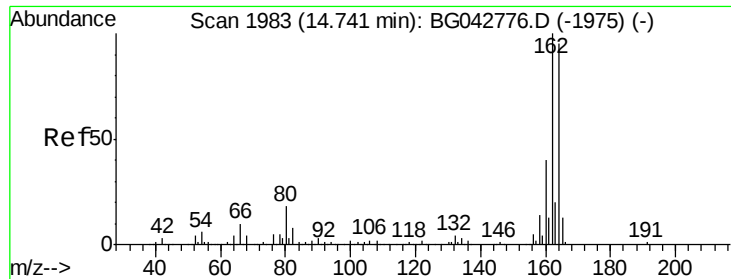
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#38
1-Methylnaphthalene
Concen: 41.519 ng
RT: 12.79 min Scan# 1651
Delta R.T. -0.01 min
Lab File: BG042814.D
Acq: 13 Sep 2019 12:49

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.8	76.3	114.5
116	4.1	3.4	5.0





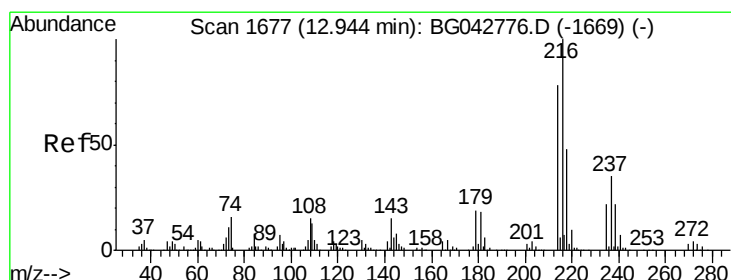
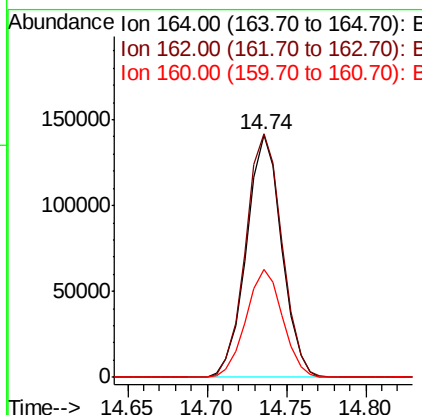
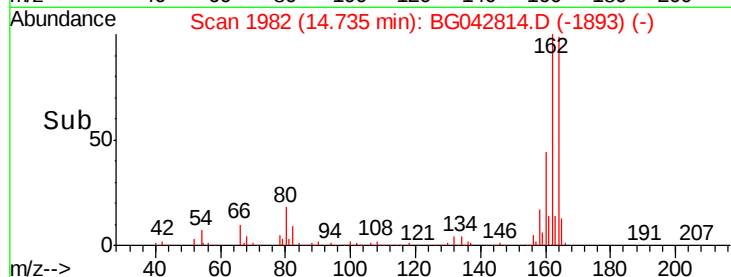
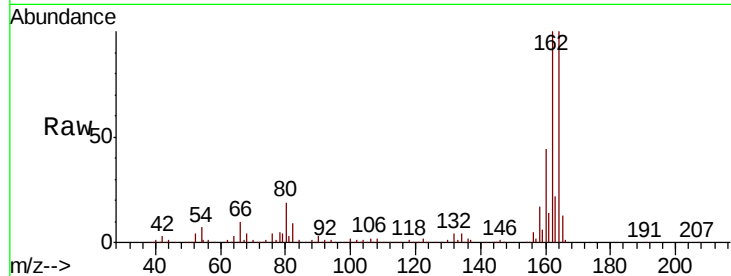
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.74 min Scan# 1982
Delta R.T. -0.01 min
Lab File: BG042814.D
Acq: 13 Sep 2019 12:49

Instrument :
BNA_G
ClientSampleId :
PB122826BS

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	100.3	84.6	126.8	
160	44.6	34.2	51.2	

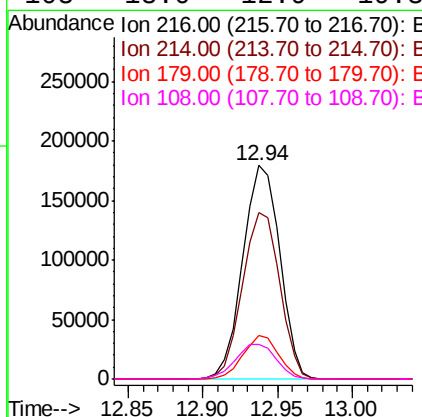
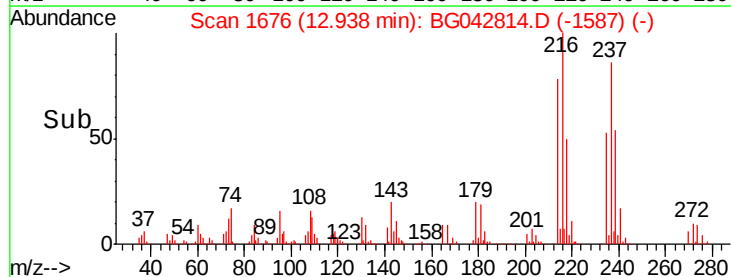
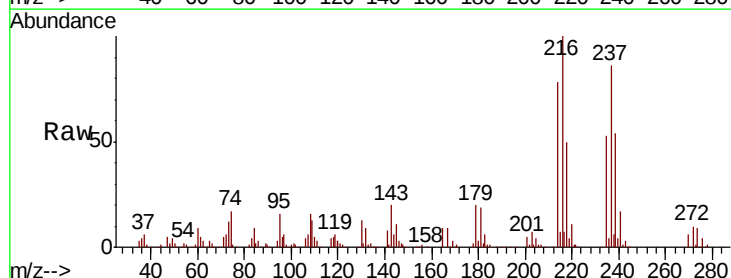
Manual Integrations
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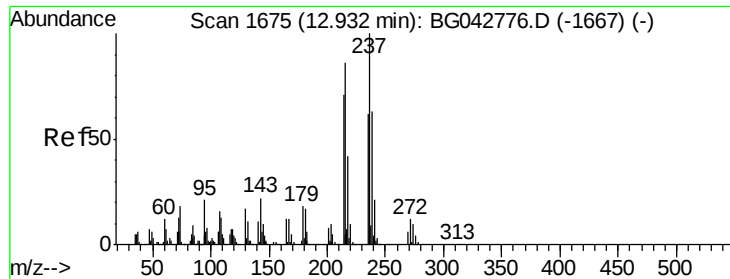
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.925 ng
RT: 12.94 min Scan# 1676
Delta R.T. -0.01 min
Lab File: BG042814.D
Acq: 13 Sep 2019 12:49

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	78.5	62.8	94.2	
179	19.2	15.3	22.9	
108	18.0	12.9	19.3	





#41

Hexachlorocyclopentadiene

Concen: 99.879 ng

RT: 12.93 min Scan# 1674

Delta R.T. -0.01 min

Lab File: BG042814.D

Acq: 13 Sep 2019 12:49

Instrument :

BNA_G

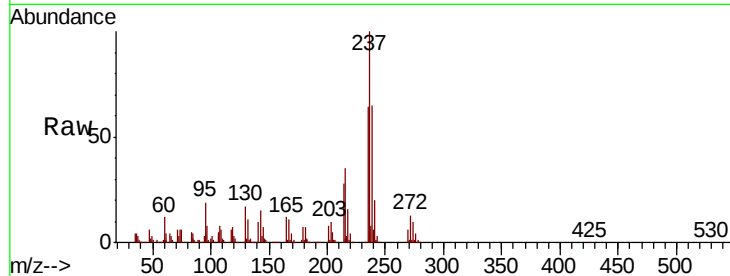
ClientSampleId :

PB122826BS

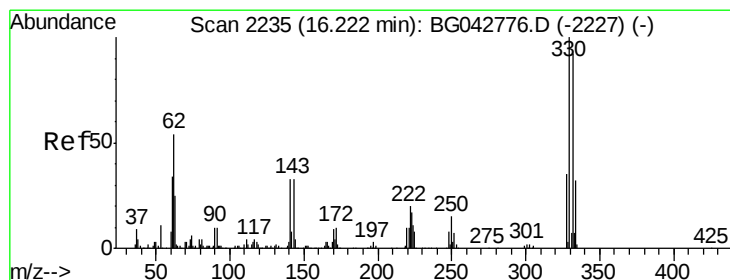
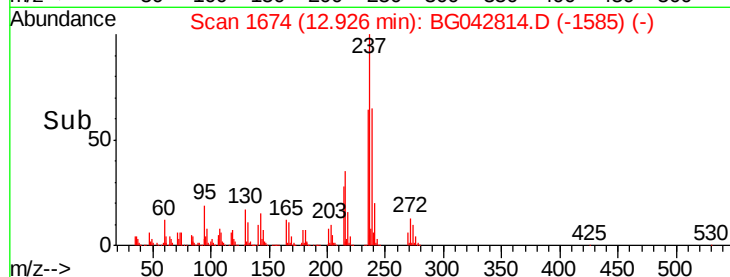
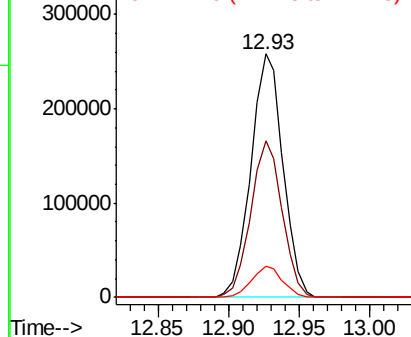
Tot Ion:	237	Resp:	412028
Ion Ratio	Lower	Upper	
237	100		
235	64.4	41.9	81.9
272	13.0	0.0	31.6

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



#42

2,4,6-Tribromophenol

Concen: 111.294 ng

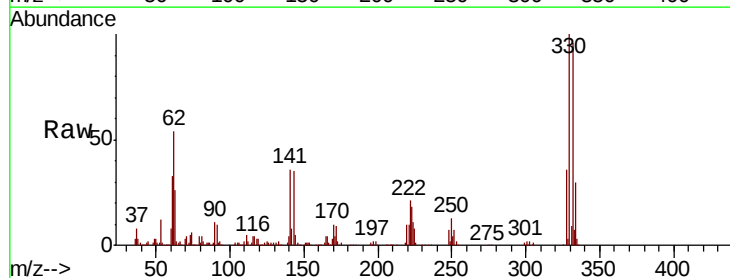
RT: 16.22 min Scan# 2234

Delta R.T. -0.01 min

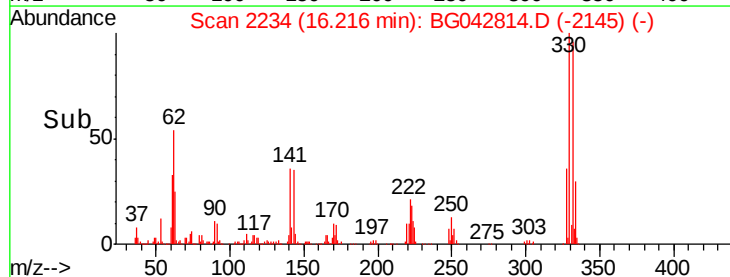
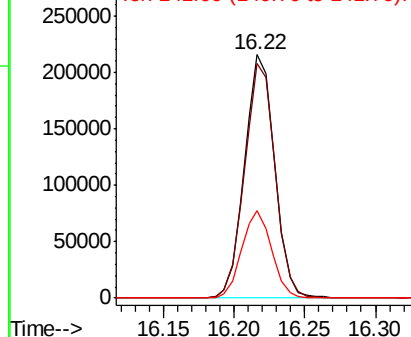
Lab File: BG042814.D

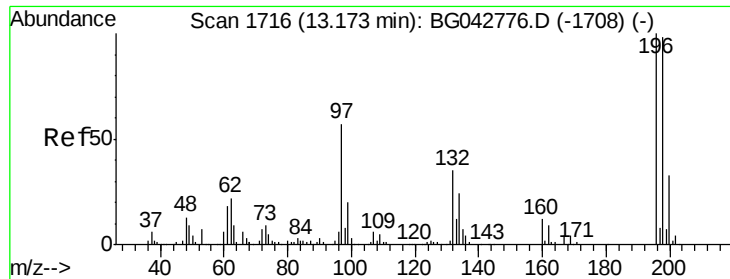
Acq: 13 Sep 2019 12:49

Tgt Ion:	330	Resp:	322670
Ion Ratio	Lower	Upper	
330	100		
332	97.3	76.7	115.1
141	35.8	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





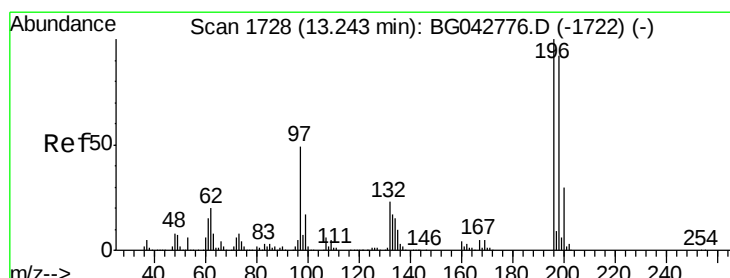
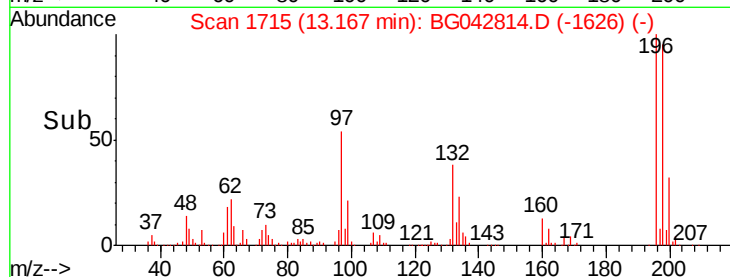
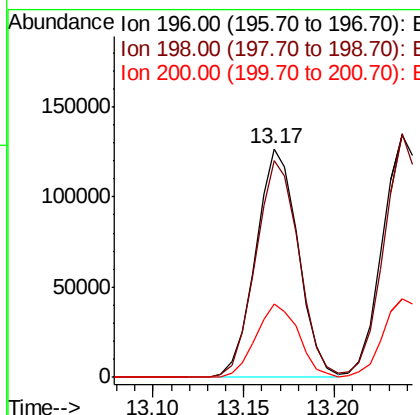
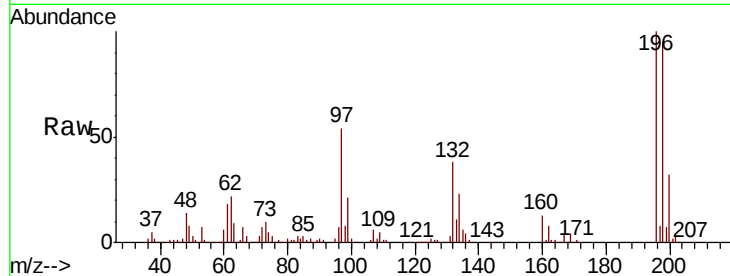
#43
 2,4,6-Trichlorophenol
 Concen: 42.877 ng
 RT: 13.17 min Scan# 1715
 Delta R.T. -0.01 min
 Lab File: BG042814.D
 Acq: 13 Sep 2019 12:49

Instrument :
 BNA_G
 ClientSampleId :
 PB122826BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	205556		
198	94.9	78.8	118.2	
200	31.9	26.2	39.4	

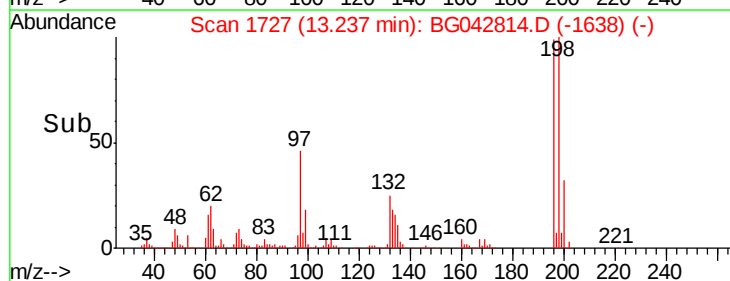
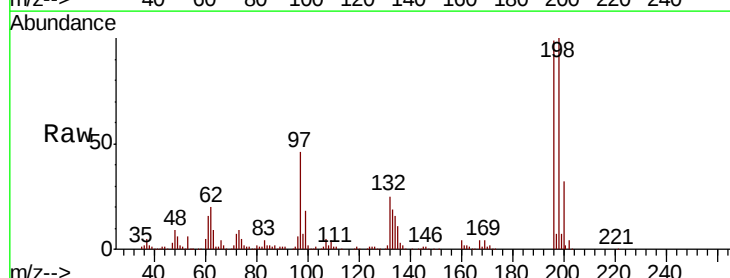
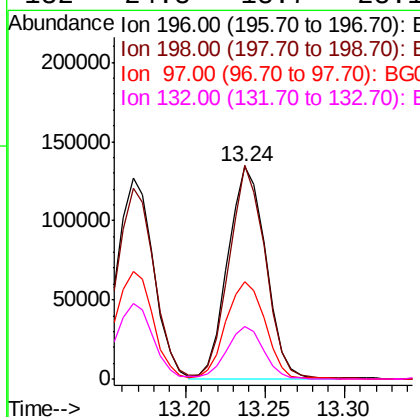
Manual Integrations
 APPROVED

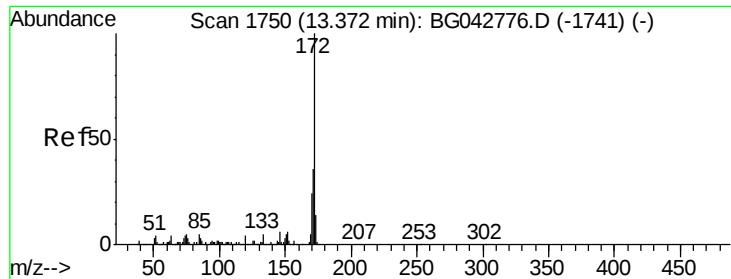
mohammad
 9/16/2019 9:03:53 AM



#44
 2,4,5-Trichlorophenol
 Concen: 45.306 ng
 RT: 13.24 min Scan# 1727
 Delta R.T. -0.01 min
 Lab File: BG042814.D
 Acq: 13 Sep 2019 12:49

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	222477		
198	100.6	73.4	110.0	
97	46.1	39.2	58.8	
132	24.8	18.7	28.1	





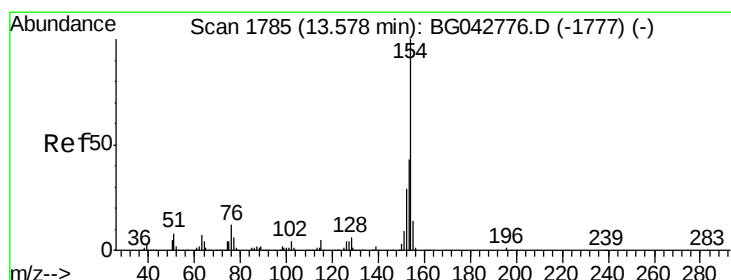
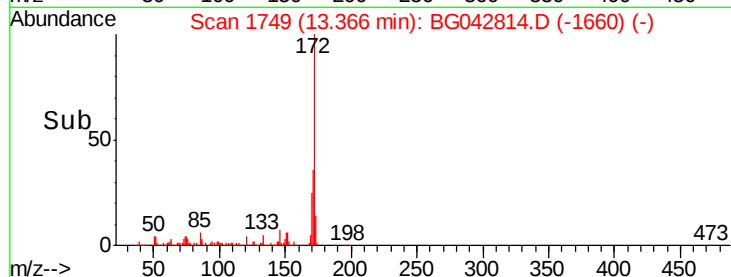
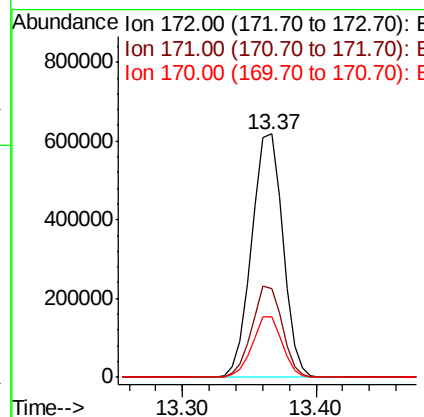
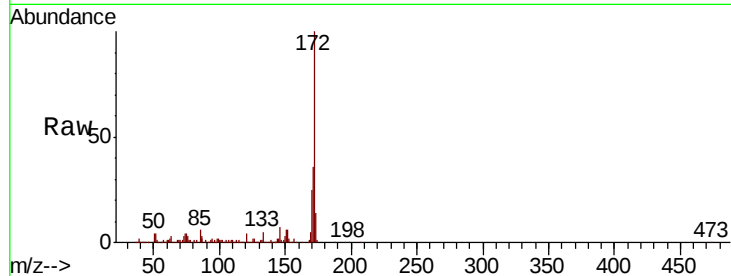
#45
2-Fluorobiphenyl
Concen: 72.326 ng
RT: 13.37 min Scan# 1749
Delta R.T. -0.01 min
Lab File: BG042814.D
Acq: 13 Sep 2019 12:49

Instrument :
BNA_G
ClientSampleId :
PB122826BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.5	28.9	43.3
170	24.9	19.1	28.7

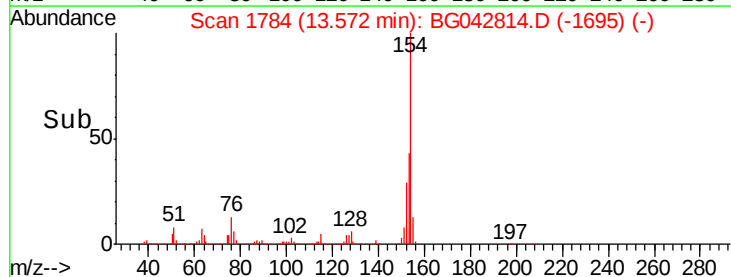
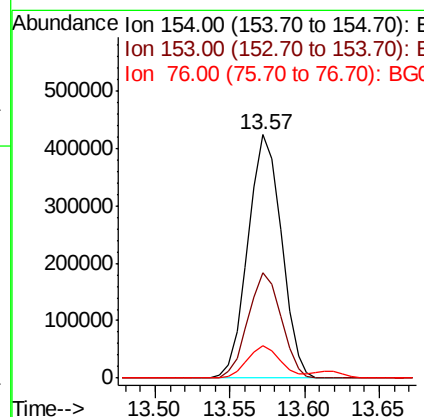
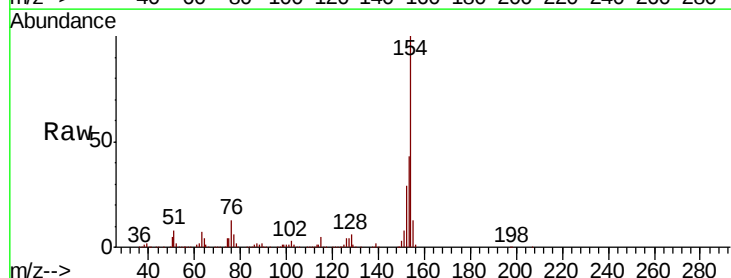
Manual Integrations
APPROVED

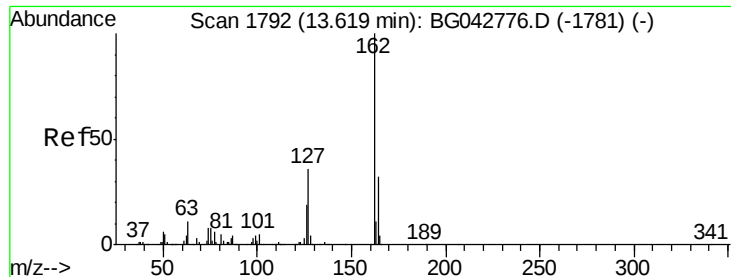
mohammad
9/16/2019 9:03:53 AM



#46
1,1'-Biphenyl
Concen: 43.187 ng
RT: 13.57 min Scan# 1784
Delta R.T. -0.01 min
Lab File: BG042814.D
Acq: 13 Sep 2019 12:49

Tgt Ion	Ratio	Lower	Upper
154	100		
153	43.2	22.6	62.6
76	13.2	0.0	32.2





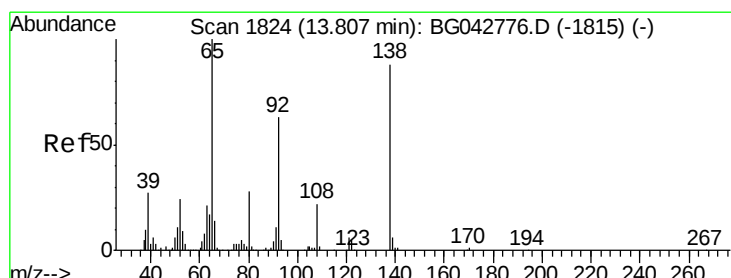
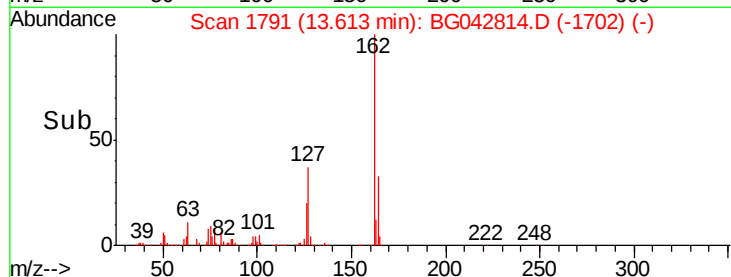
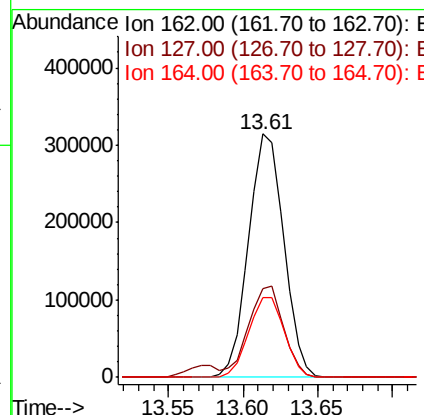
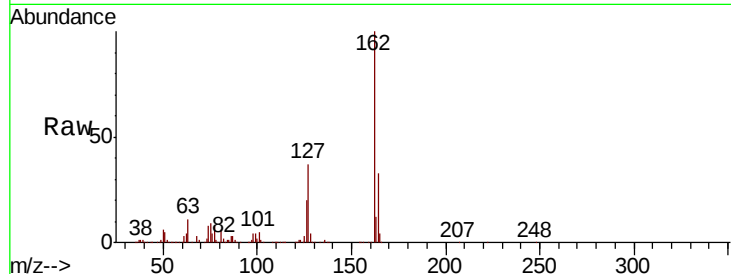
#47
2-Chloronaphthalene
Concen: 40.694 ng
RT: 13.61 min Scan# 1791
Delta R.T. -0.01 min
Lab File: BG042814.D
Acq: 13 Sep 2019 12:49

Instrument :
BNA_G
ClientSampleId :
PB122826BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	513557		
127	36.6	29.3	43.9	
164	32.7	26.0	39.0	

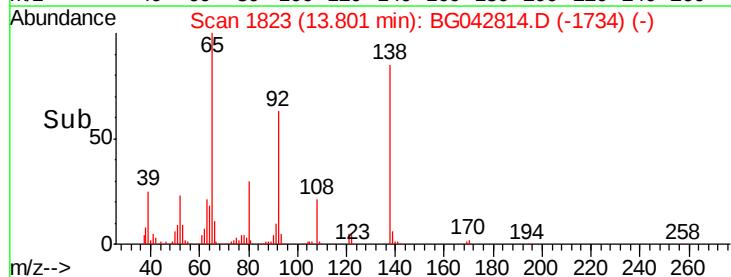
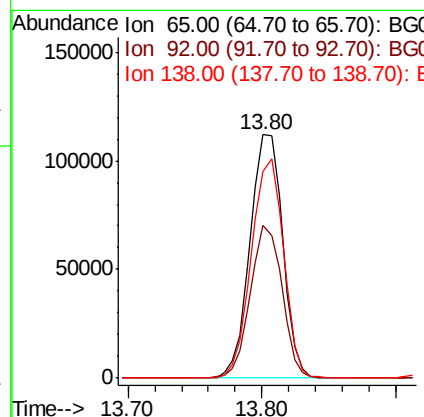
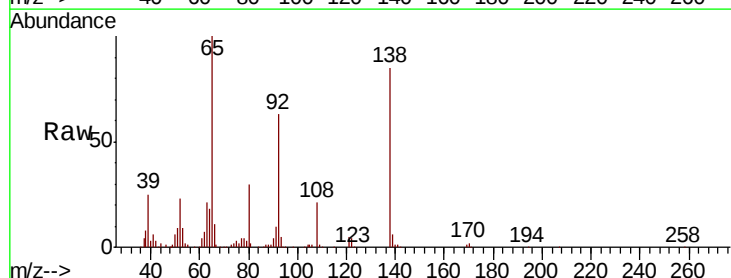
Manual Integrations
APPROVED

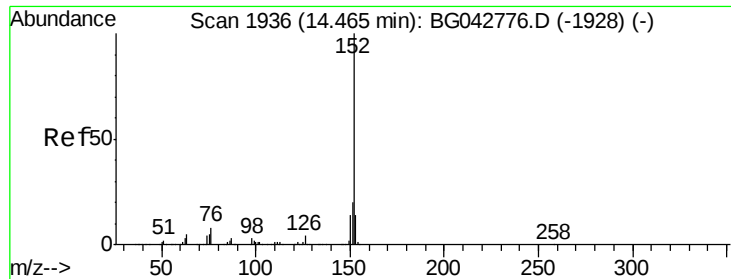
mohammad
9/16/2019 9:03:53 AM



#48
2-Nitroaniline
Concen: 43.130 ng
RT: 13.80 min Scan# 1823
Delta R.T. -0.01 min
Lab File: BG042814.D
Acq: 13 Sep 2019 12:49

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	188817		
92	62.8	50.4	75.6	
138	85.0	70.6	106.0	





#49

Acenaphthylene

Concen: 42.953 ng

RT: 14.46 min Scan# 1935

Delta R.T. -0.01 min

Lab File: BG042814.D

Acq: 13 Sep 2019 12:49

Instrument :

BNA_G

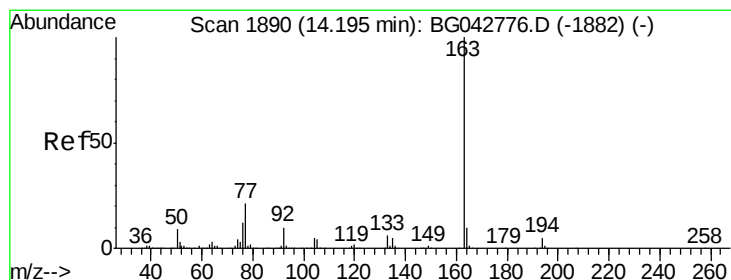
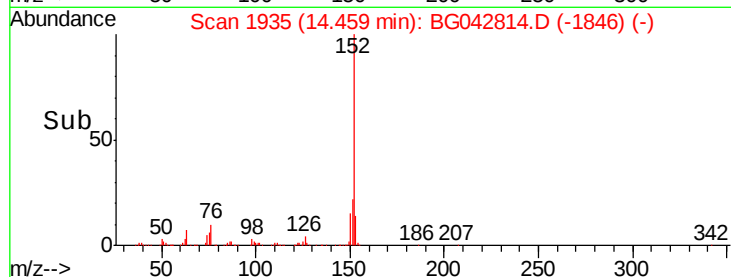
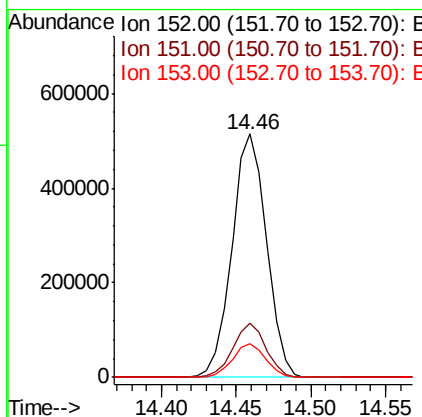
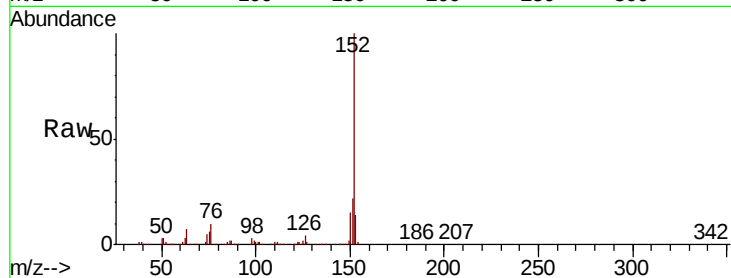
ClientSampleId :

PB122826BS

Tot Ion	Ratio	Lower	Upper
152	100		
151	22.0	16.0	24.0
153	14.0	11.4	17.0

Manual Integrations
APPROVED

mohammad
9/16/2019 9:03:53 AM



#50

Dimethylphthalate

Concen: 40.877 ng

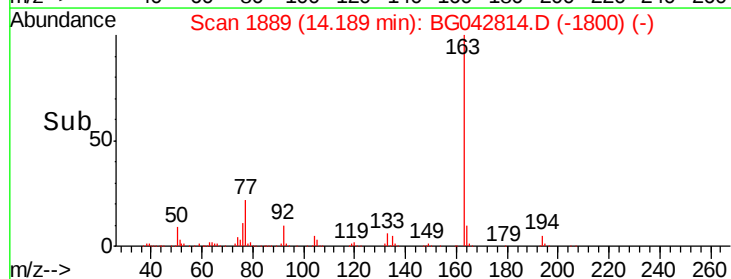
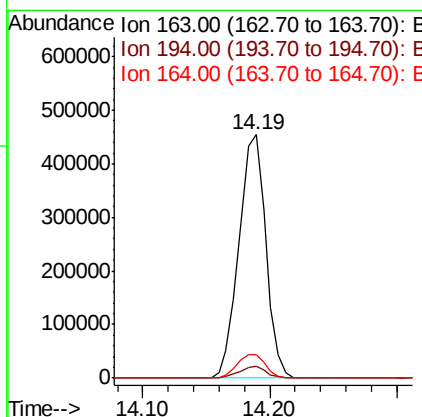
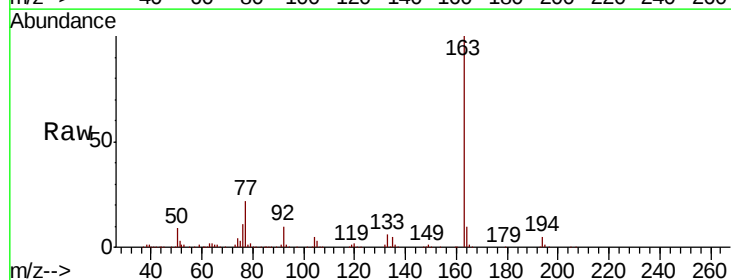
RT: 14.19 min Scan# 1889

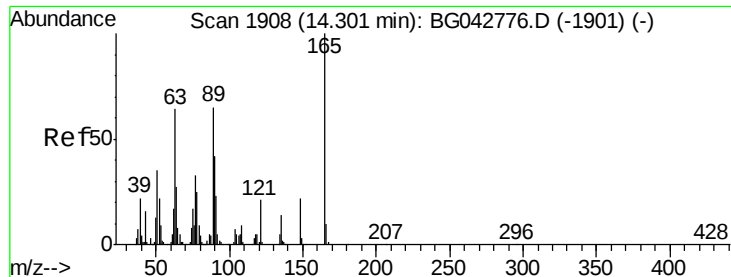
Delta R.T. -0.01 min

Lab File: BG042814.D

Acq: 13 Sep 2019 12:49

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.8	4.2	6.4
164	9.8	8.4	12.6





#51

2,6-Dinitrotoluene

Concen: 45.822 ng

RT: 14.29 min Scan# 1907

Delta R.T. -0.01 min

Lab File: BG042814.D

Acq: 13 Sep 2019 12:49

Instrument :

BNA_G

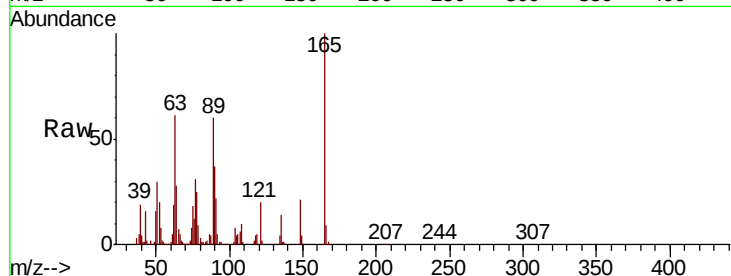
ClientSampled :

PB122826BS

Tot Ion	165	Resp	153491
Ion Ratio	Lower	Upper	
165	100		
63	60.7	52.1	78.1
89	60.0	51.7	77.5

Manual Integrations
APPROVED

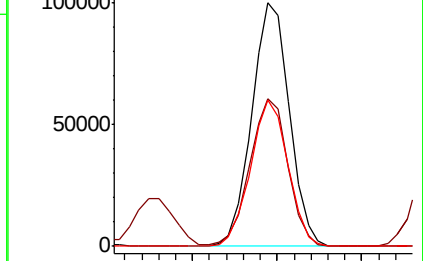
mohammad
9/16/2019 9:03:53 AM



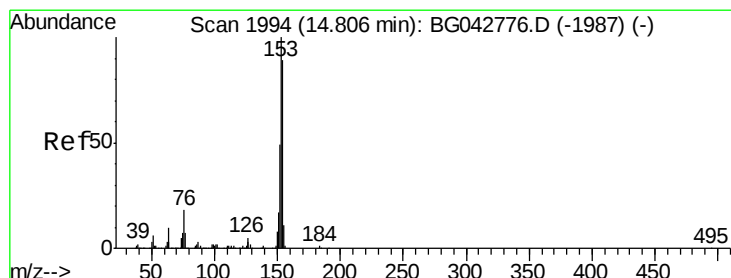
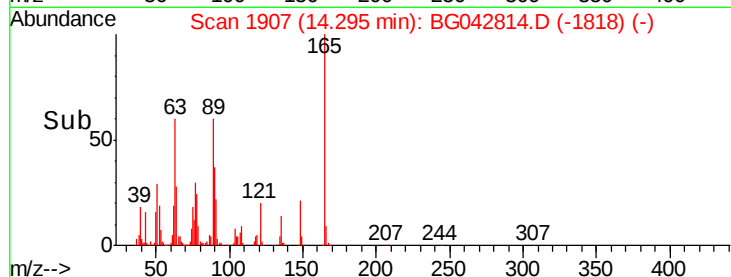
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG



Time-->



#52

Acenaphthene

Concen: 43.079 ng

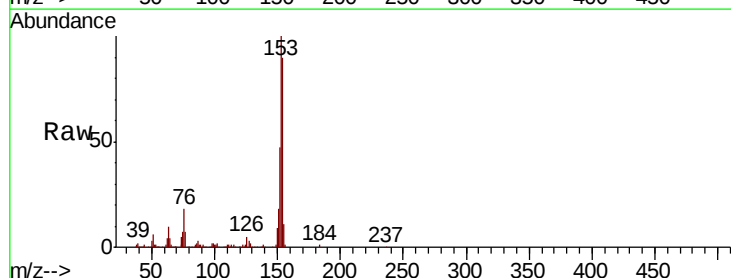
RT: 14.80 min Scan# 1993

Delta R.T. -0.01 min

Lab File: BG042814.D

Acq: 13 Sep 2019 12:49

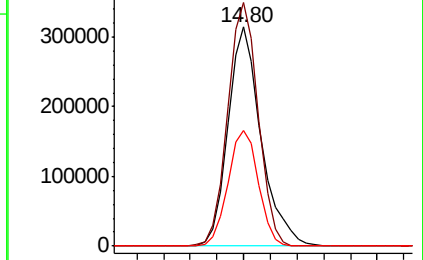
Tgt Ion	154	Resp	542759
Ion Ratio	Lower	Upper	
154	100		
153	111.2	89.4	134.2
152	52.6	43.5	65.3



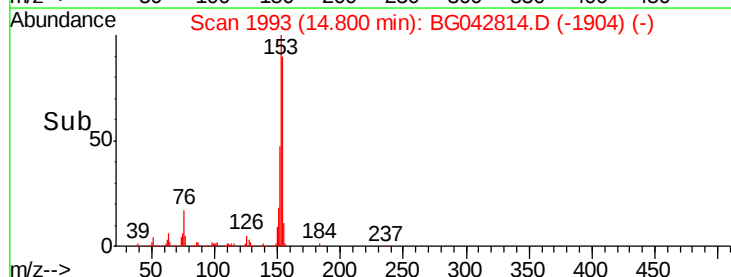
Abundance Ion 154.00 (153.70 to 154.70): E

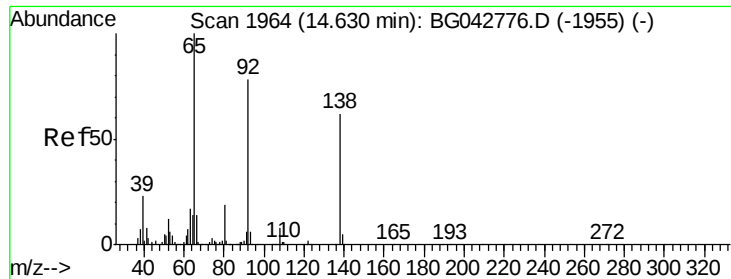
Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



Time-->





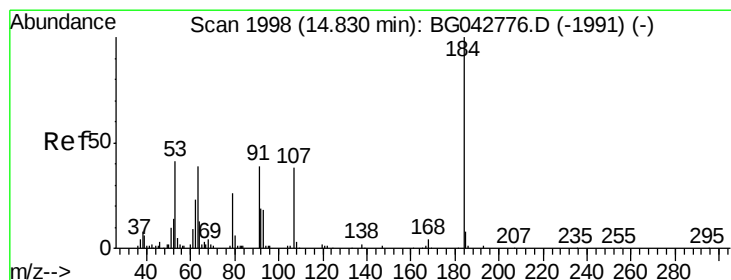
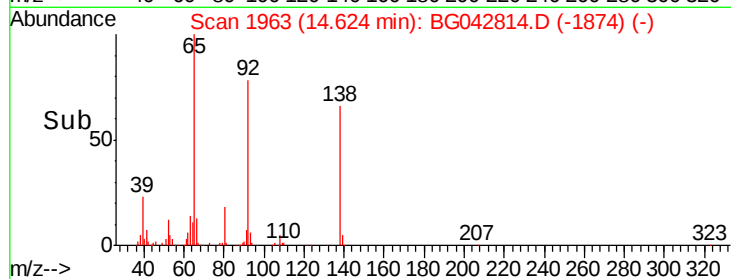
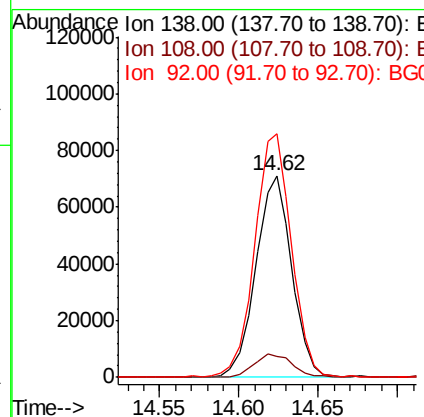
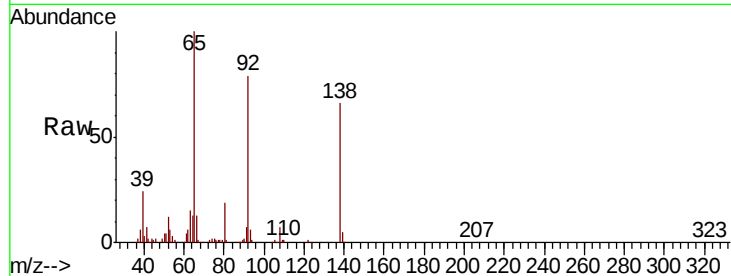
#53
3-Nitroaniline
Concen: 29.665 ng
RT: 14.62 min Scan# 1963
Delta R.T. -0.01 min
Lab File: BG042814.D
Acq: 13 Sep 2019 12:49

Instrument :
BNA_G
ClientSampleId :
PB122826BS

Tot Ion	Ratio	Resp	Lower	Upper
138	100	111525		
108	10.2	10.7	16.1#	
92	120.6	100.5	150.7	

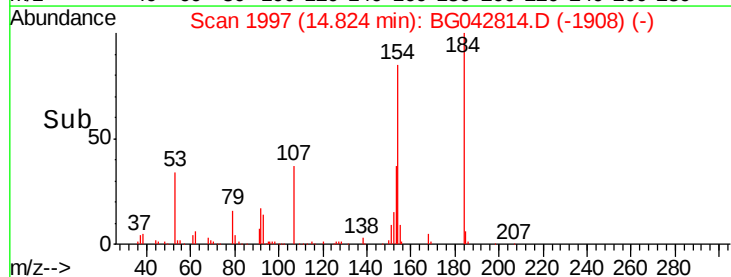
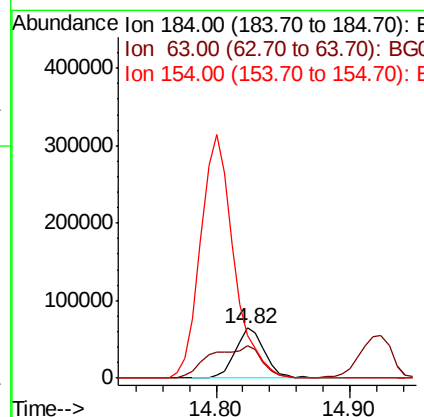
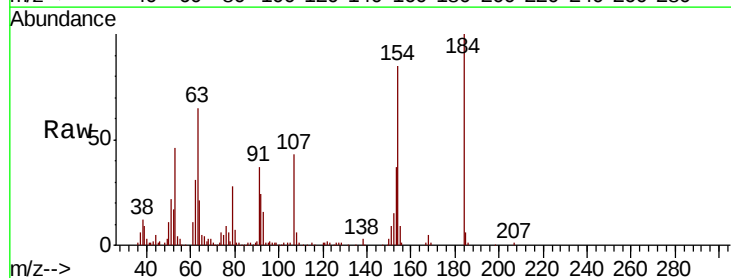
Manual Integrations
APPROVED

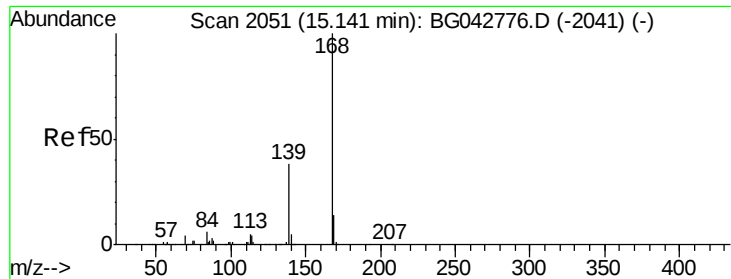
mohammad
9/16/2019 9:03:53 AM



#54
2,4-Dinitrophenol
Concen: 60.196 ng
RT: 14.82 min Scan# 1997
Delta R.T. -0.01 min
Lab File: BG042814.D
Acq: 13 Sep 2019 12:49

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	99265		
63	65.3	46.2	69.4	
154	85.1	81.3	121.9	





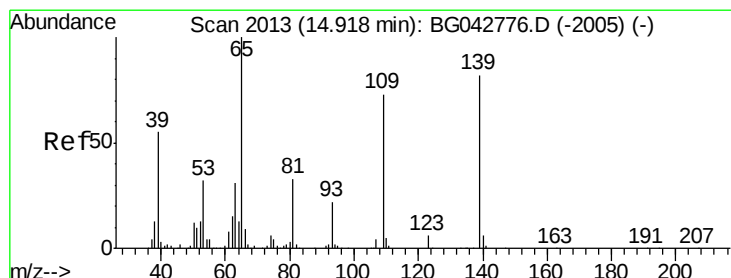
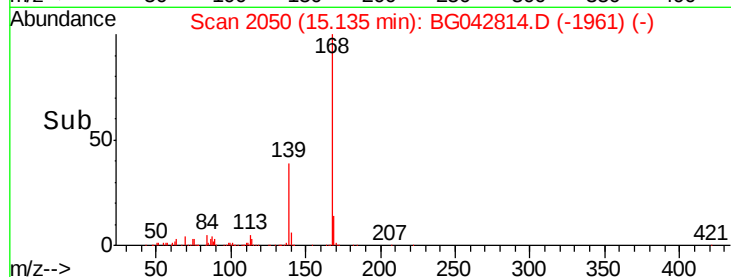
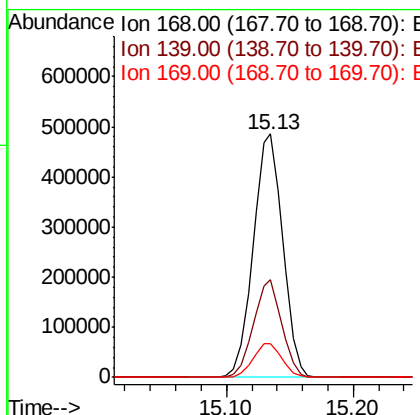
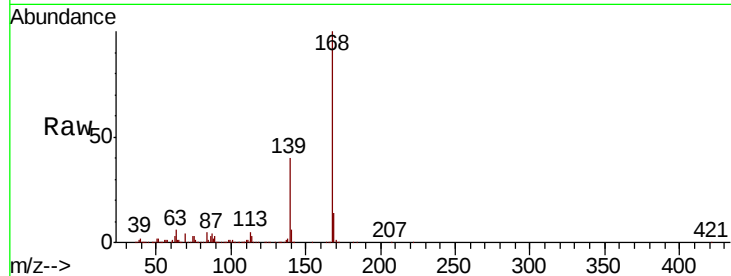
#55
Dibenzenofuran
Concen: 41.884 ng
RT: 15.13 min Scan# 2050
Delta R.T. -0.01 min
Lab File: BG042814.D
Acq: 13 Sep 2019 12:49

Instrument :
BNA_G
ClientSampleId :
PB122826BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	40.1	30.2	45.4
169	14.0	11.2	16.8

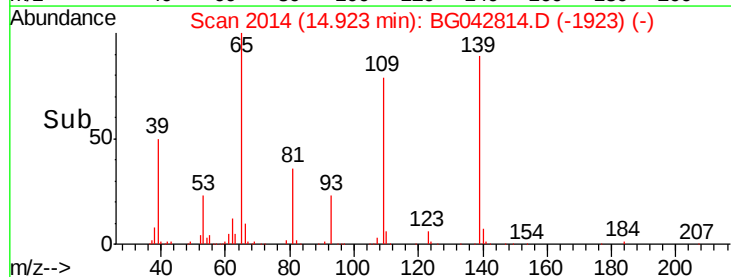
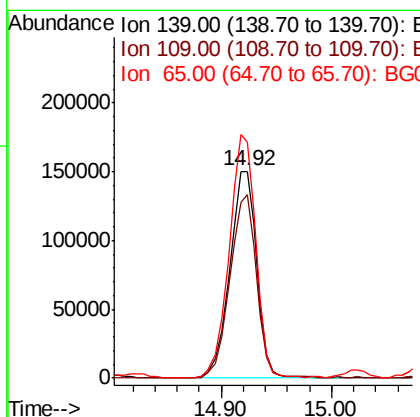
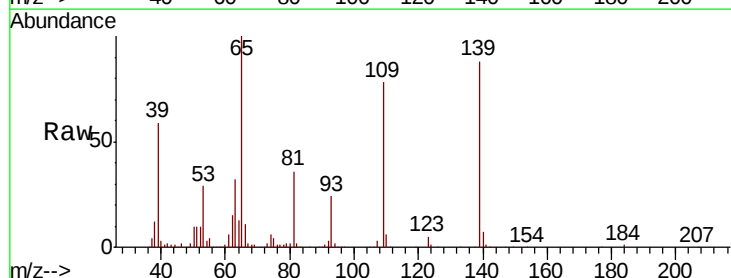
Manual Integrations
APPROVED

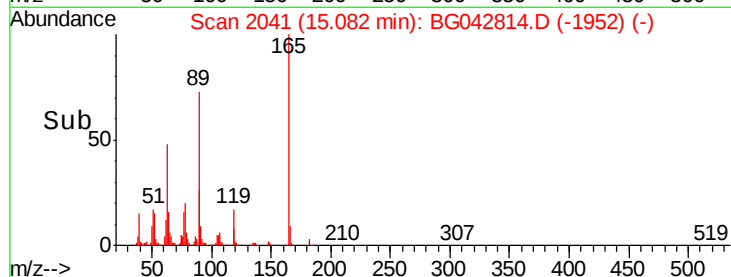
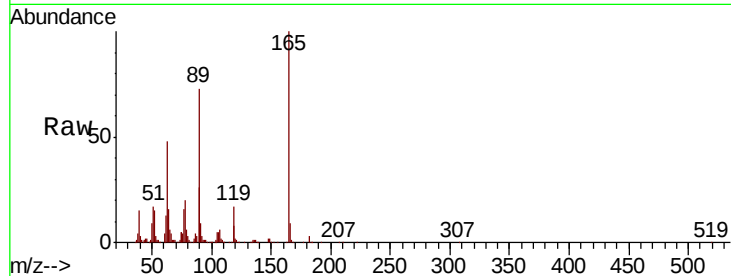
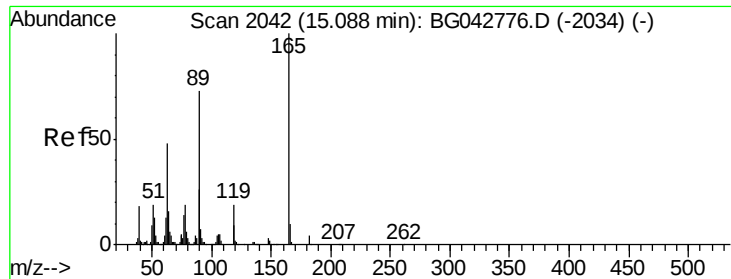
mohammad
9/16/2019 9:03:53 AM



#56
4-Nitrophenol
Concen: 88.405 ng
RT: 14.92 min Scan# 2014
Delta R.T. 0.01 min
Lab File: BG042814.D
Acq: 13 Sep 2019 12:49

Tgt Ion	Ratio	Lower	Upper
139	100		
109	88.4	69.4	109.4
65	113.8	102.5	142.5





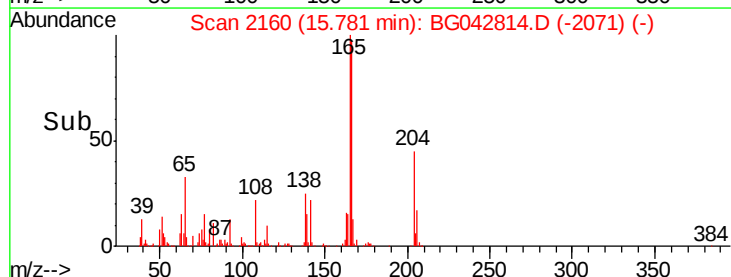
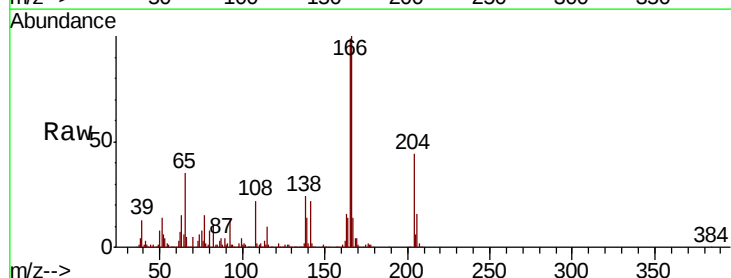
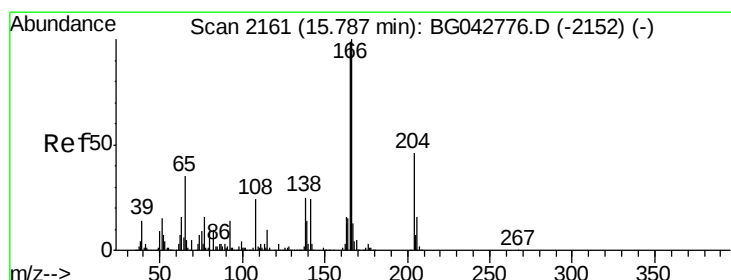
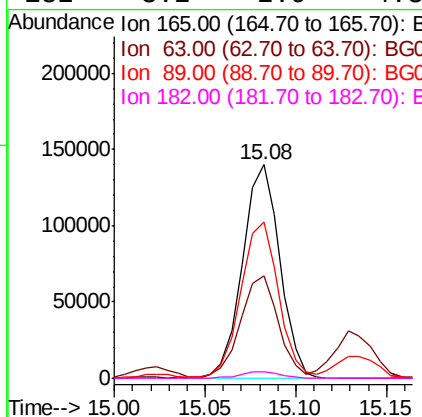
#57
2,4-Dinitrotoluene
Concen: 44.554 ng
RT: 15.08 min Scan# 2041
Delta R.T. -0.01 min
Lab File: BG042814.D
Acq: 13 Sep 2019 12:49

Instrument :
BNA_G
ClientSampleId :
PB122826BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	198928		
63	47.7		38.3	57.5
89	73.4		58.4	87.6
182	3.2		2.9	4.3

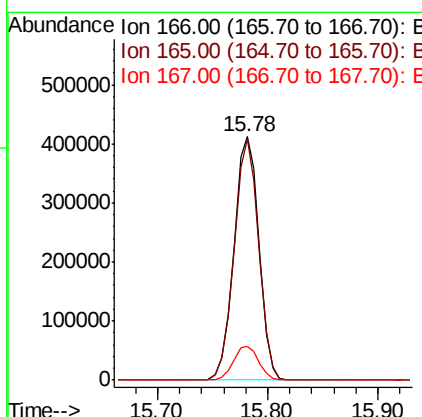
Manual Integrations
APPROVED

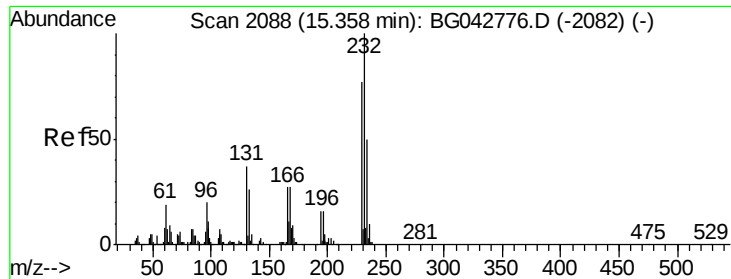
mohammad
9/16/2019 9:03:53 AM



#58
Fluorene
Concen: 41.875 ng
RT: 15.78 min Scan# 2160
Delta R.T. -0.01 min
Lab File: BG042814.D
Acq: 13 Sep 2019 12:49

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	649914		
165	99.3		79.1	118.7
167	13.7		10.7	16.1





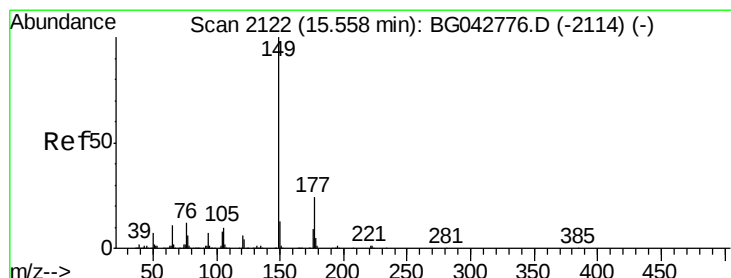
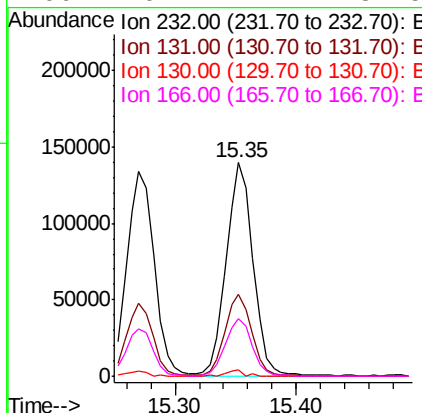
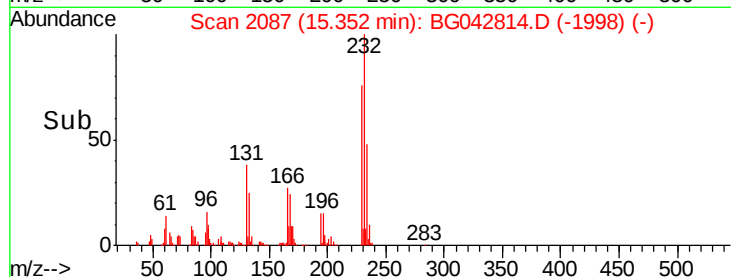
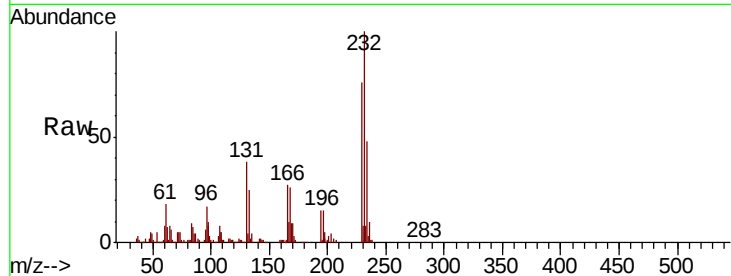
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 45.669 ng
 RT: 15.35 min Scan# 2087
 Delta R.T. -0.01 min
 Lab File: BG042814.D
 Acq: 13 Sep 2019 12:49

Instrument :
 BNA_G
 ClientSampleId :
 PB122826BS

Tot Ion	Ratio	Lower	Upper
232	100		
131	38.2	31.1	46.7
130	1.8	1.8	2.6
166	26.7	21.7	32.5

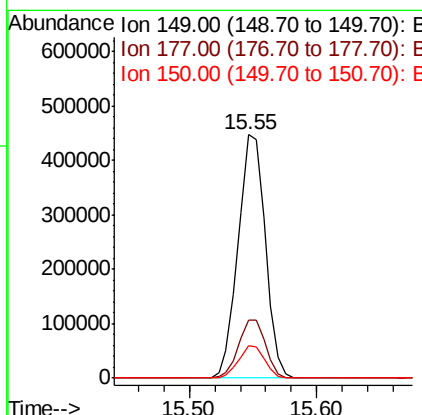
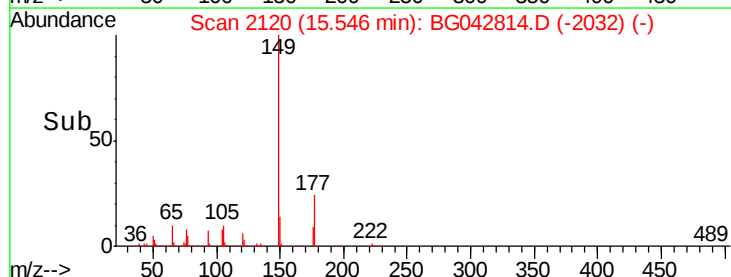
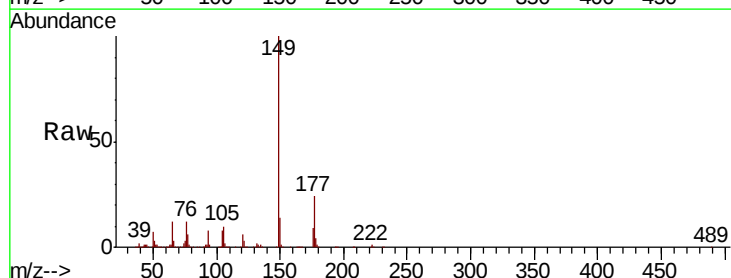
Manual Integrations
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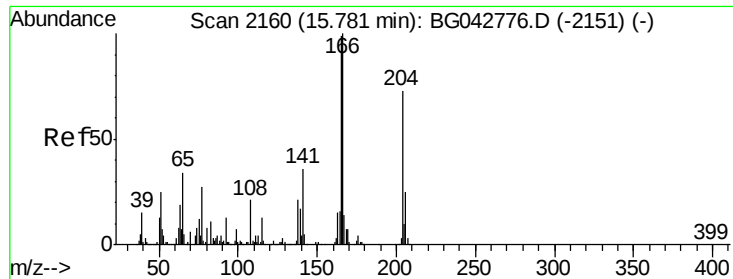
mohammad
 9/16/2019 9:03:53 AM



#60
 Diethylphthalate
 Concen: 39.923 ng
 RT: 15.55 min Scan# 2120
 Delta R.T. -0.01 min
 Lab File: BG042814.D
 Acq: 13 Sep 2019 12:49

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.8	19.4	29.0
150	13.6	10.2	15.4





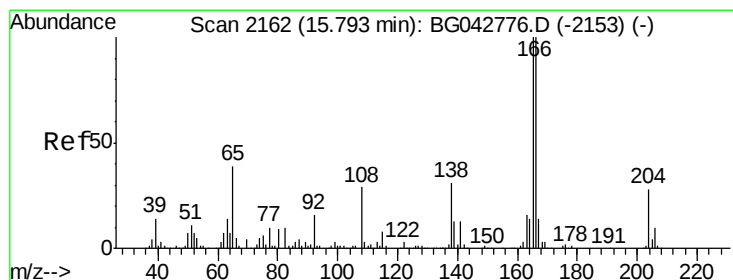
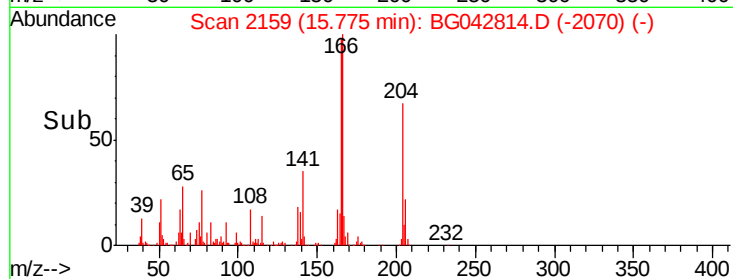
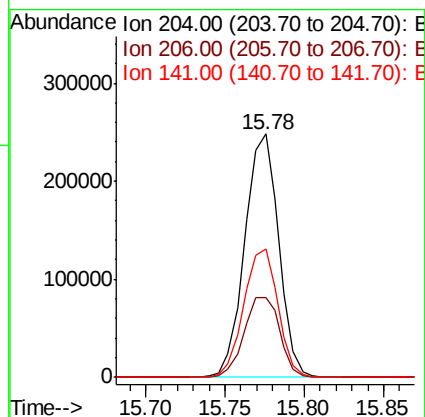
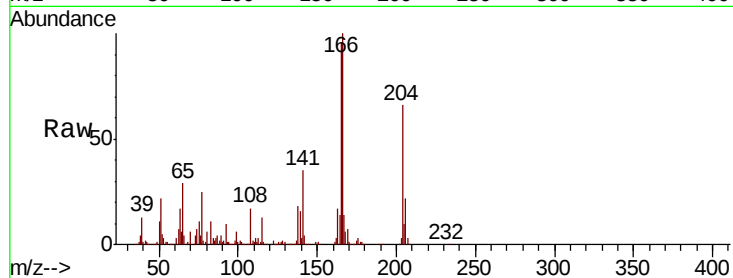
#61
4-Chlorophenyl-phenylether
Concen: 40.100 ng
RT: 15.78 min Scan# 2159
Delta R.T. -0.01 min
Lab File: BG042814.D
Acq: 13 Sep 2019 12:49

Instrument :
BNA_G
ClientSampleId :
PB122826BS

Tot Ion	Ratio	Resp Lower	Upper
204	100		
206	33.0	27.6	41.4
141	53.0	39.8	59.6

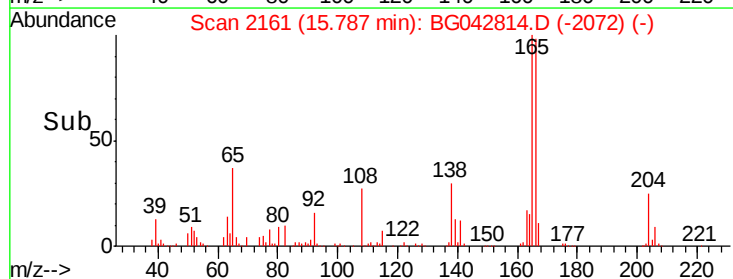
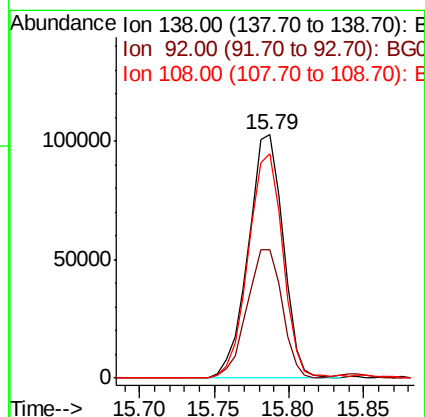
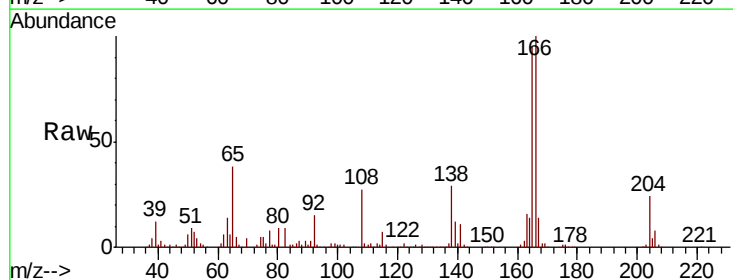
Manual Integrations
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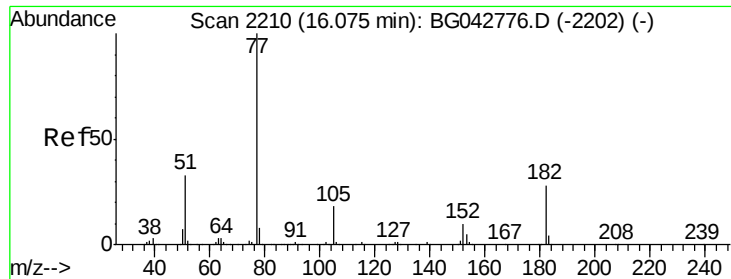
mohammad
9/16/2019 9:03:53 AM



#62
4-Nitroaniline
Concen: 40.968 ng
RT: 15.79 min Scan# 2161
Delta R.T. -0.01 min
Lab File: BG042814.D
Acq: 13 Sep 2019 12:49

Tgt Ion	Ratio	Resp Lower	Upper
138	100		
92	52.7	31.4	71.4
108	92.2	74.8	114.8





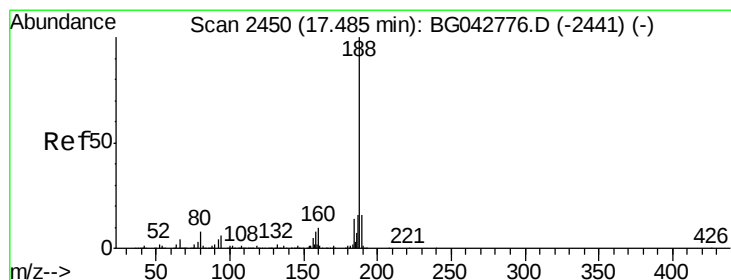
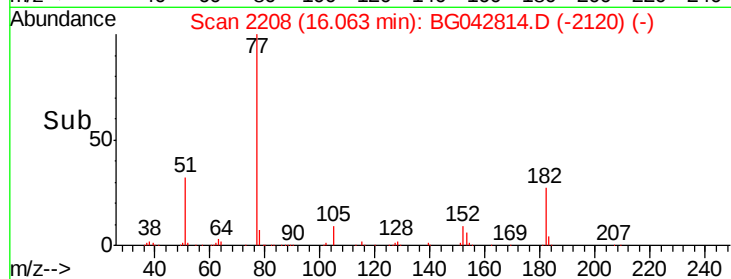
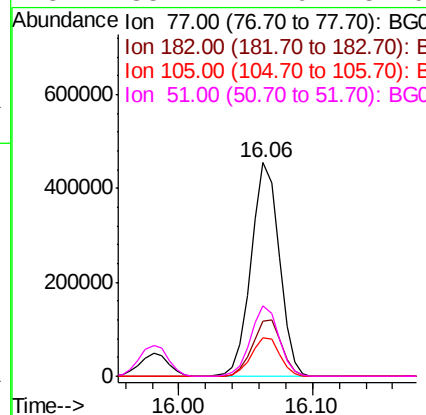
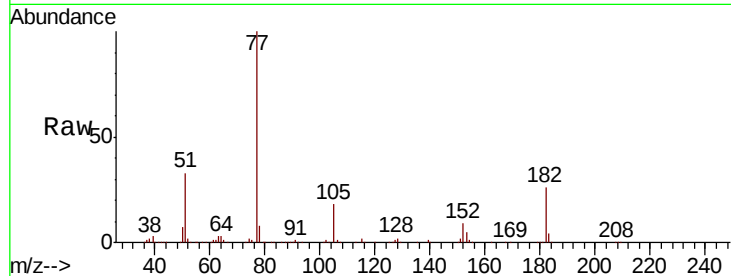
#63
Azobenzene
Concen: 41.429 ng
RT: 16.06 min Scan# 2208
Delta R.T. -0.01 min
Lab File: BG042814.D
Acq: 13 Sep 2019 12:49

Instrument :
BNA_G
ClientSampleId :
PB122826BS

Tot Ion	Ratio	Lower	Upper
77	100		
182	25.7	8.1	48.1
105	18.2	0.0	38.1
51	33.2	12.9	52.9

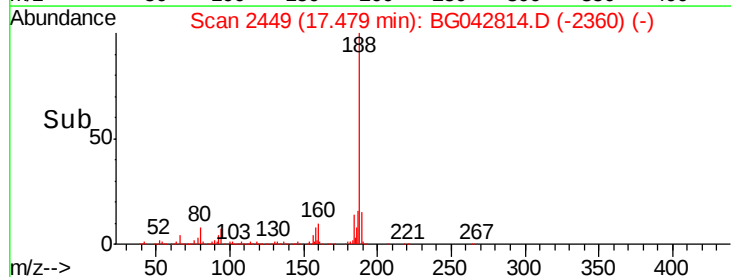
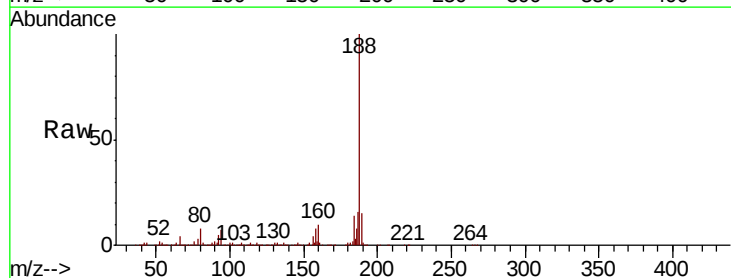
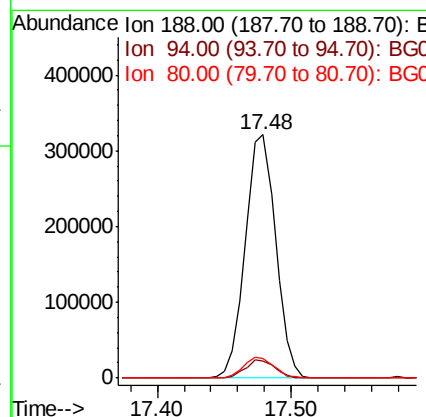
Manual Integrations
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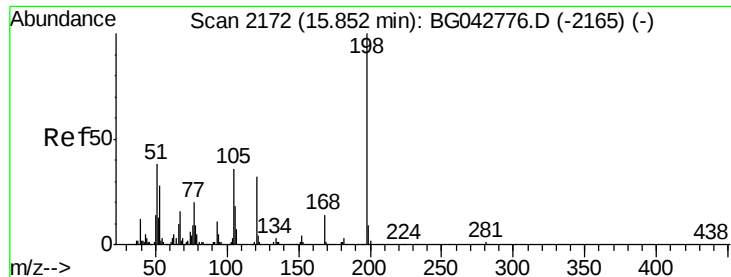
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.48 min Scan# 2449
Delta R.T. -0.01 min
Lab File: BG042814.D
Acq: 13 Sep 2019 12:49

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.3	4.8	7.2#
80	8.1	6.6	9.8





#65

4,6-Dinitro-2-methylphenol

Concen: 42.474 ng

RT: 15.85 min Scan# 2171

Delta R.T. -0.01 min

Lab File: BG042814.D

Acq: 13 Sep 2019 12:49

Instrument :

BNA_G

ClientSampled :

PB122826BS

Tot Ion:198 Resp: 91878

Ion Ratio Lower Upper

198 100

51 44.4 20.9 60.9

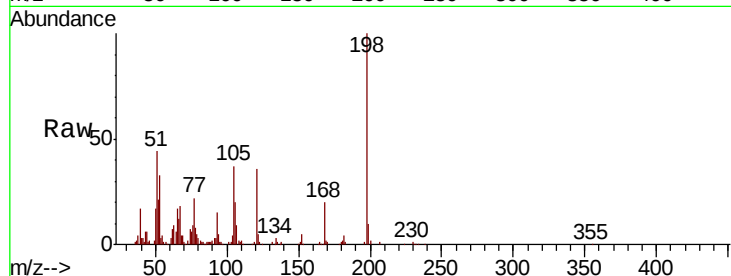
105 36.9 16.4 56.4

Manual Integrations

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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

100000

80000

60000

40000

20000

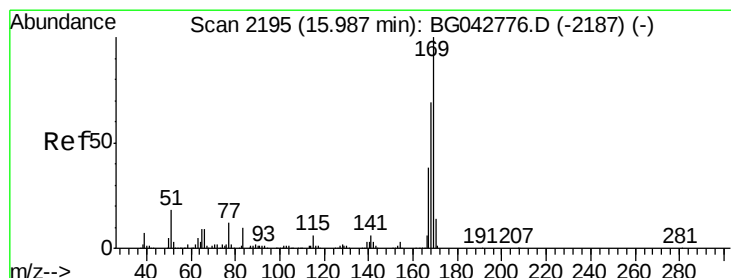
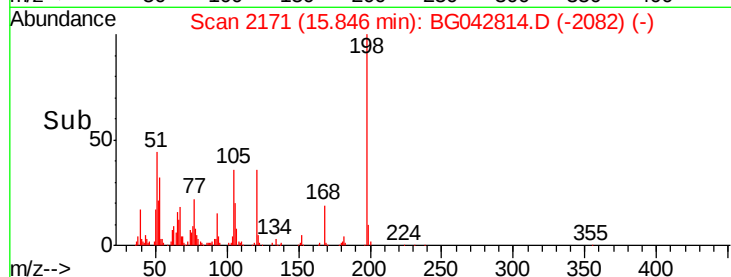
0

15.80

15.85

15.90

Time-->



#66

n-Nitrosodiphenylamine

Concen: 42.935 ng

RT: 15.98 min Scan# 2194

Delta R.T. -0.01 min

Lab File: BG042814.D

Acq: 13 Sep 2019 12:49

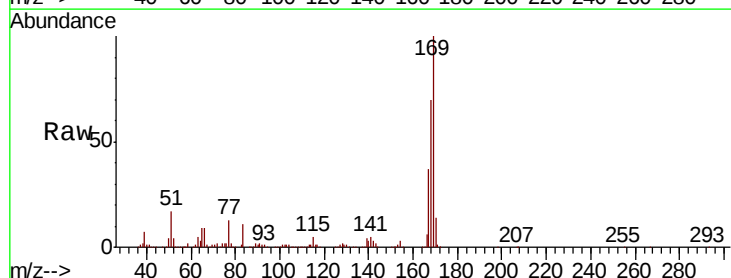
Tgt Ion:169 Resp: 584085

Ion Ratio Lower Upper

169 100

168 70.1 55.4 83.2

167 37.1 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

500000

400000

300000

200000

100000

0

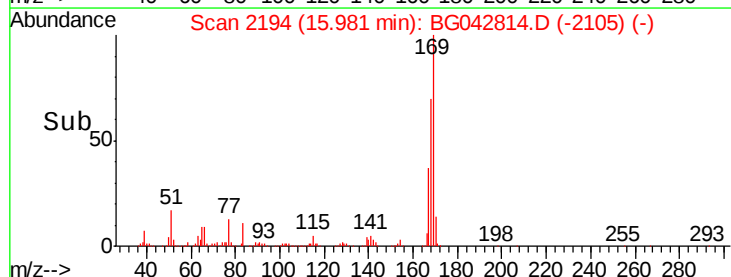
15.90

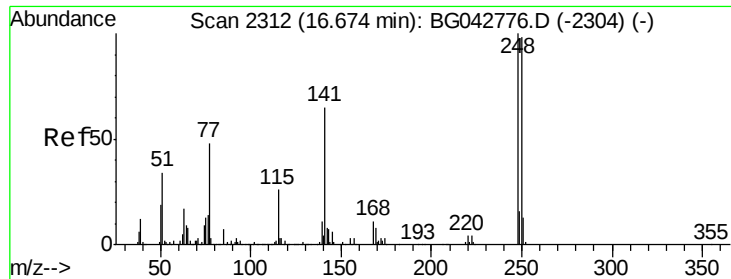
15.98

16.00

16.10

Time-->





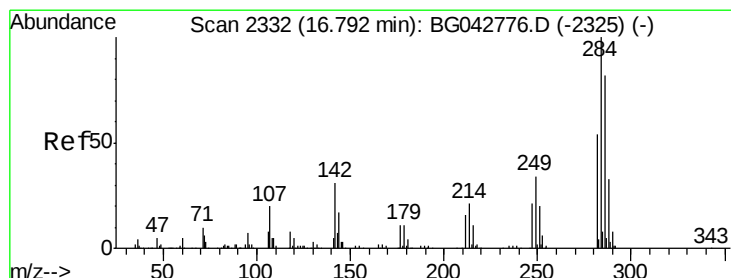
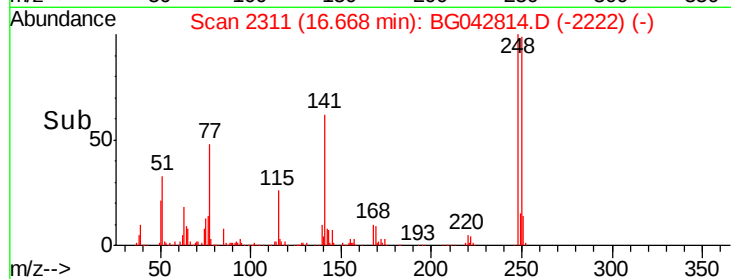
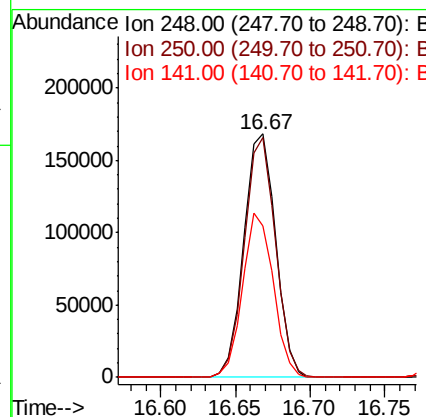
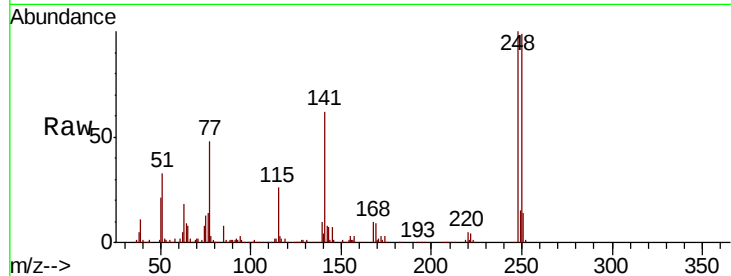
#67
4-Bromophenyl-phenylether
Concen: 40.566 ng
RT: 16.67 min Scan# 2311
Delta R.T. -0.01 min
Lab File: BG042814.D
Acq: 13 Sep 2019 12:49

Instrument :
BNA_G
ClientSampleId :
PB122826BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.5	78.0	117.0
141	62.1	51.8	77.6

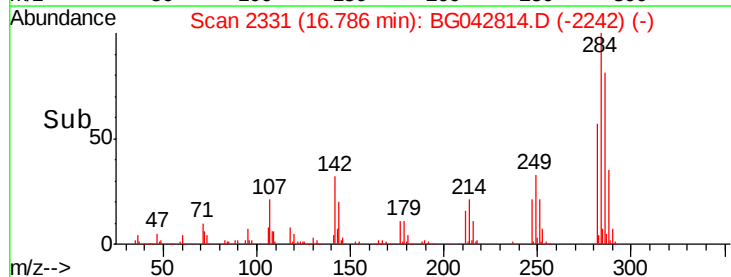
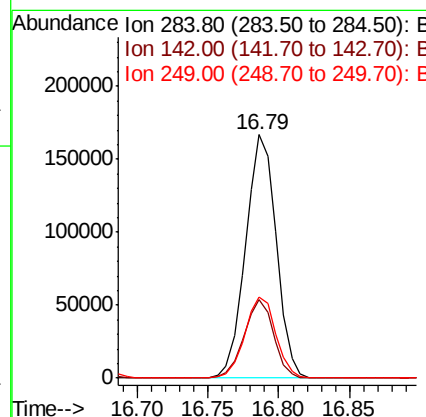
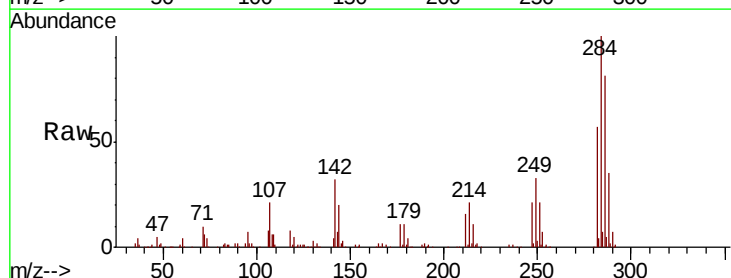
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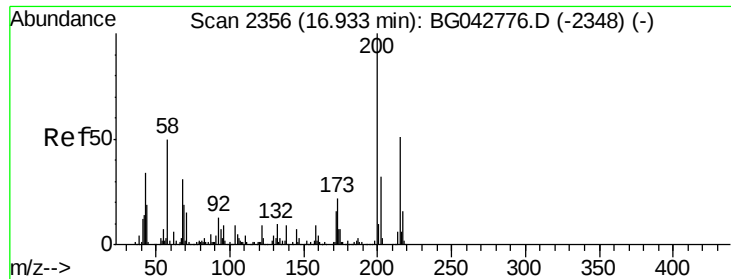
mohammad
9/16/2019 9:03:53 AM



#68
Hexachlorobenzene
Concen: 38.711 ng
RT: 16.79 min Scan# 2331
Delta R.T. -0.01 min
Lab File: BG042814.D
Acq: 13 Sep 2019 12:49

Tgt Ion	Ratio	Lower	Upper
284	100		
142	32.1	24.7	37.1
249	33.3	27.0	40.4





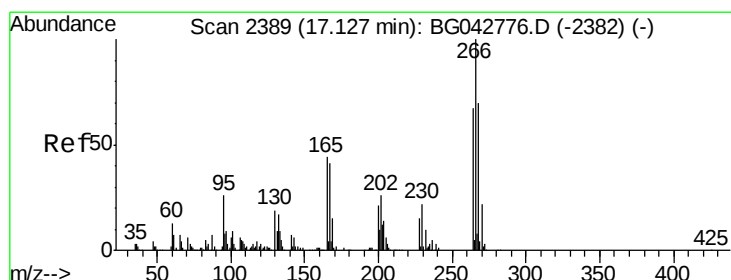
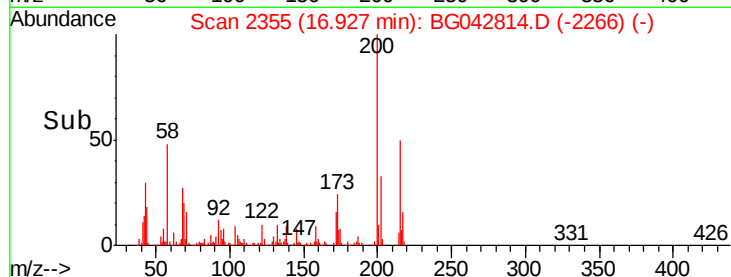
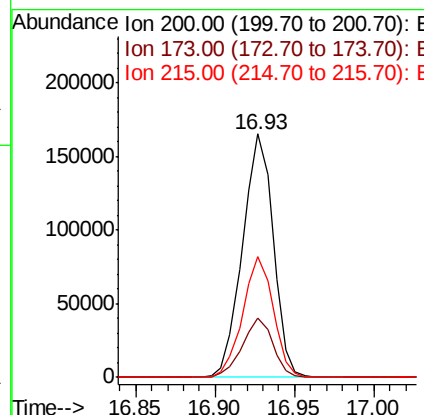
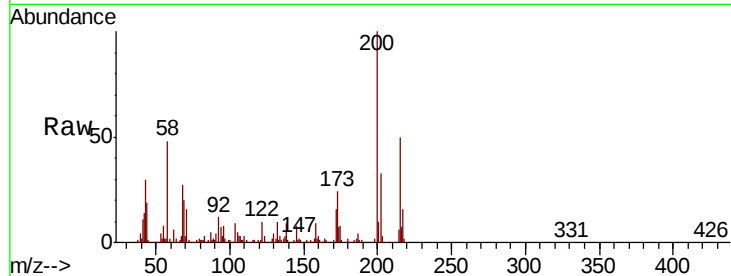
#69
Atrazine
Concen: 46.928 ng
RT: 16.93 min Scan# 2355
Delta R.T. -0.01 min
Lab File: BG042814.D
Acq: 13 Sep 2019 12:49

Instrument :
BNA_G
ClientSampleId :
PB122826BS

Tot Ion	Ratio	Resp	Lower	Upper
200	100	222310		
173	24.4	2.5	42.5	
215	49.8	31.0	71.0	

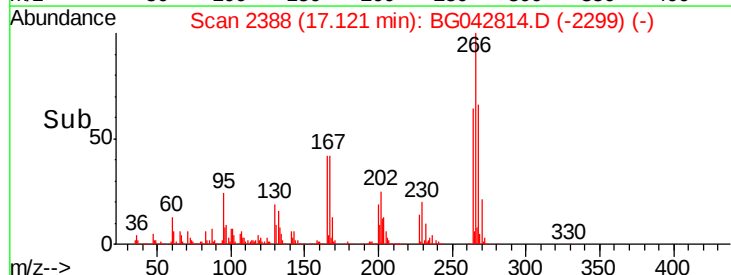
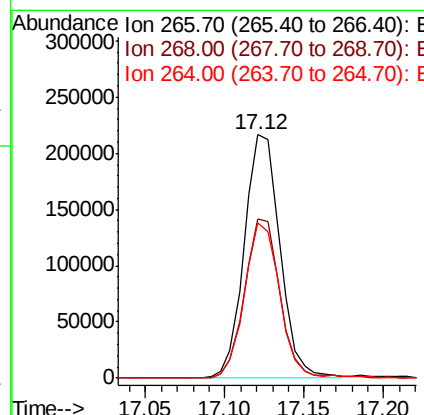
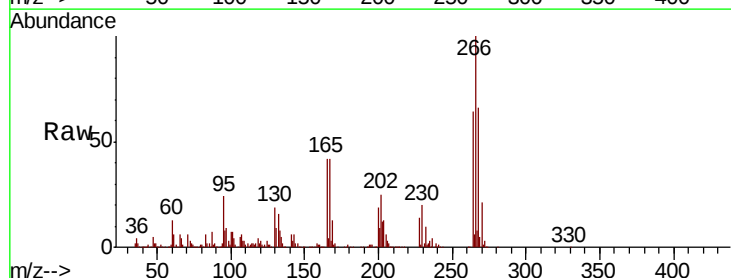
Manual Integrations
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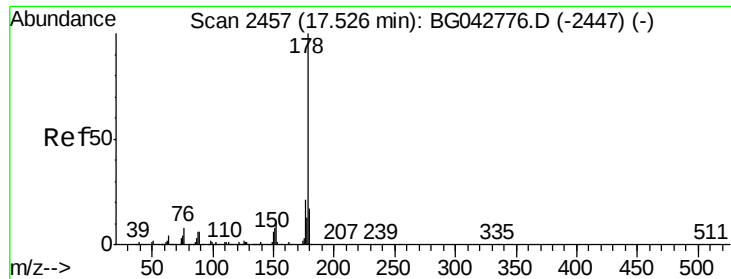
mohammad
9/16/2019 9:03:53 AM



#70
Pentachlorophenol
Concen: 87.310 ng
RT: 17.12 min Scan# 2388
Delta R.T. -0.01 min
Lab File: BG042814.D
Acq: 13 Sep 2019 12:49

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	338649		
268	65.6	56.2	84.4	
264	64.0	53.4	80.2	





#71

Phenanthrene

Concen: 41.875 ng

RT: 17.52 min Scan# 2456

Delta R.T. -0.01 min

Lab File: BG042814.D

Acq: 13 Sep 2019 12:49

Instrument :

BNA_G

ClientSampleId :

PB122826BS

Tot Ion:178 Resp: 1012414

Ion Ratio Lower Upper

178 100

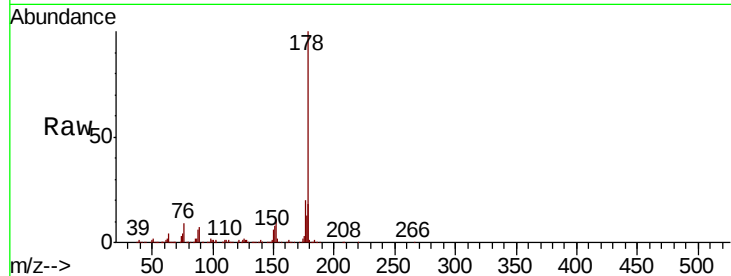
176 20.1 17.0 25.4

179 17.7 13.6 20.4

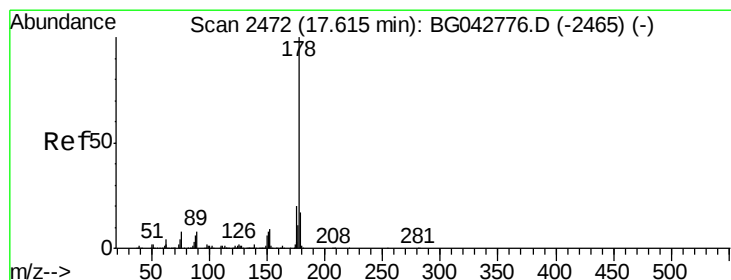
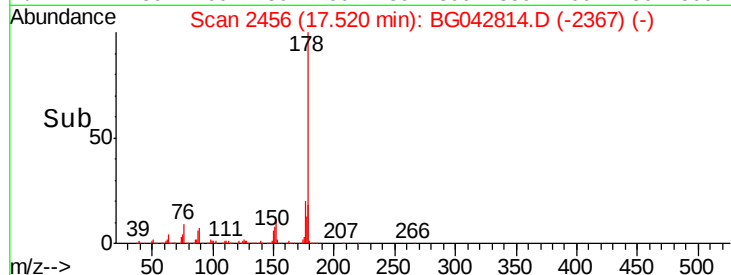
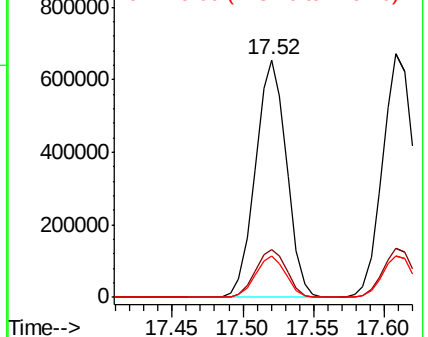
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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 42.958 ng

RT: 17.61 min Scan# 2471

Delta R.T. -0.01 min

Lab File: BG042814.D

Acq: 13 Sep 2019 12:49

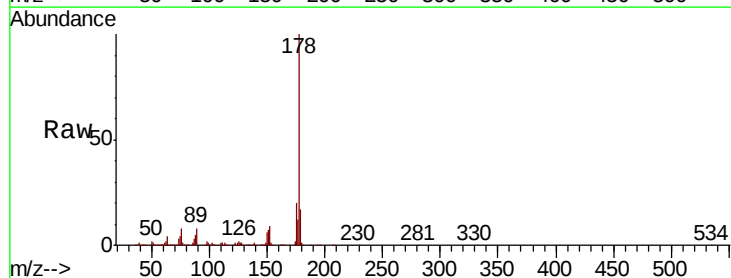
Tgt Ion:178 Resp: 1037616

Ion Ratio Lower Upper

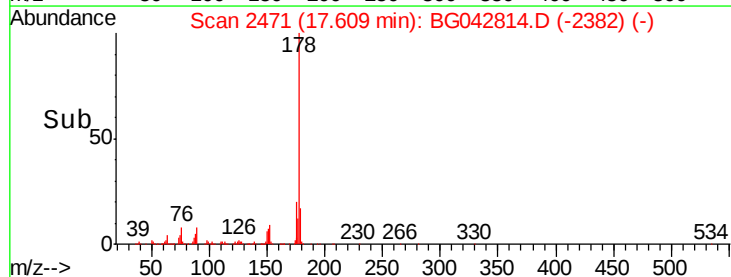
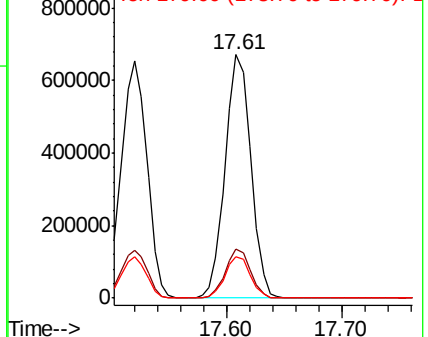
178 100

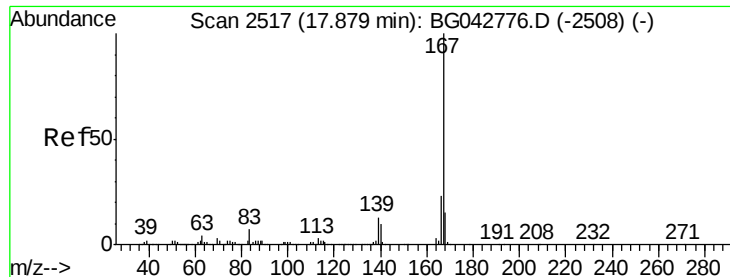
176 20.2 16.2 24.4

179 17.1 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





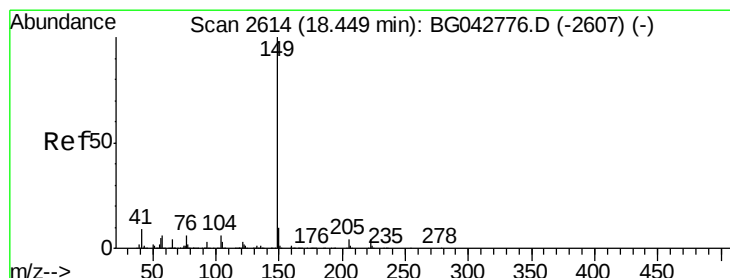
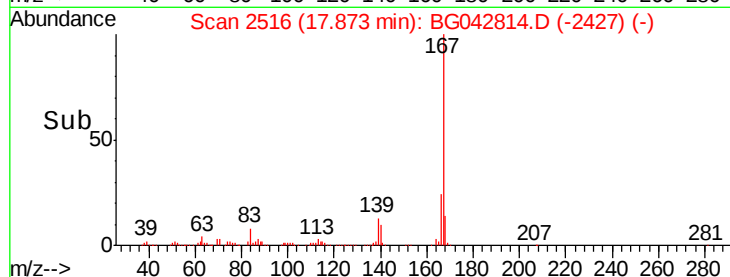
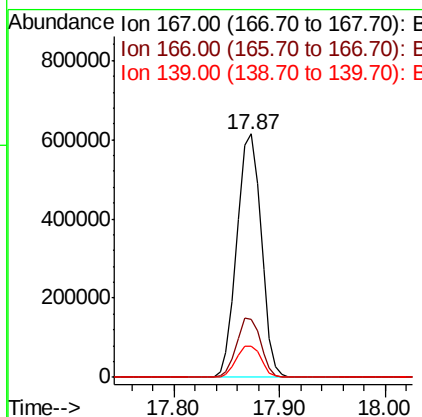
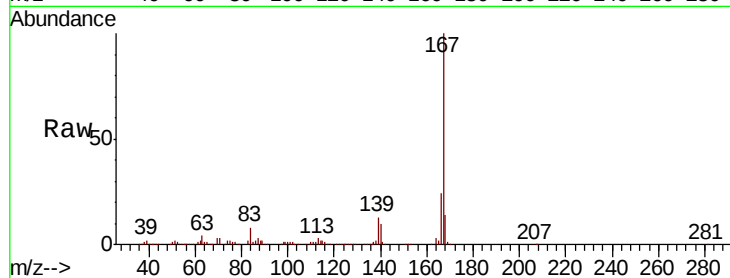
#73
 Carbazole
 Concen: 42.601 ng
 RT: 17.87 min Scan# 2516
 Delta R.T. -0.01 min
 Lab File: BG042814.D
 Acq: 13 Sep 2019 12:49

Instrument :
 BNA_G
 ClientSampleId :
 PB122826BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	24.0	18.3	27.5
139	13.0	10.2	15.4

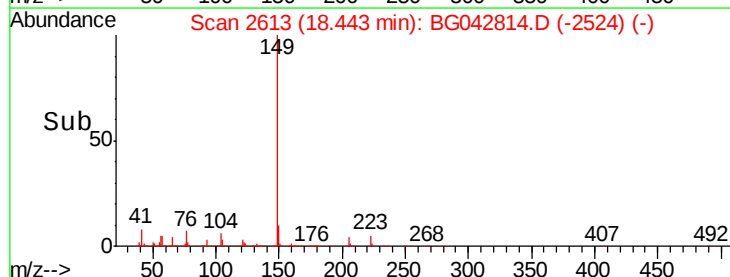
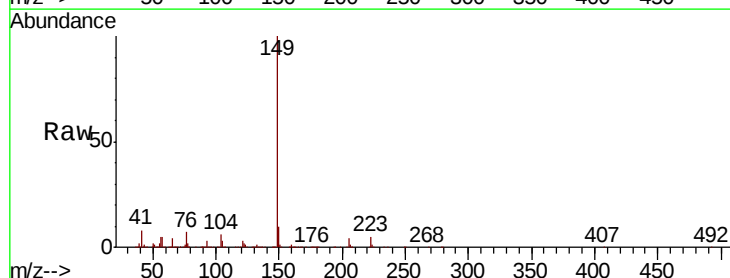
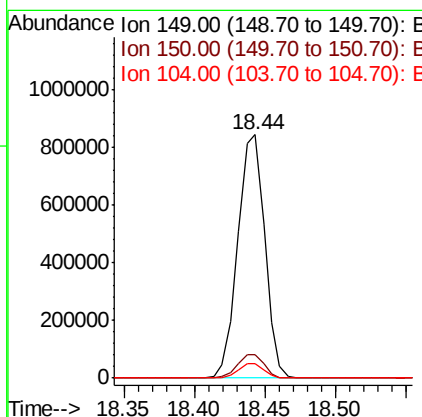
Manual Integrations
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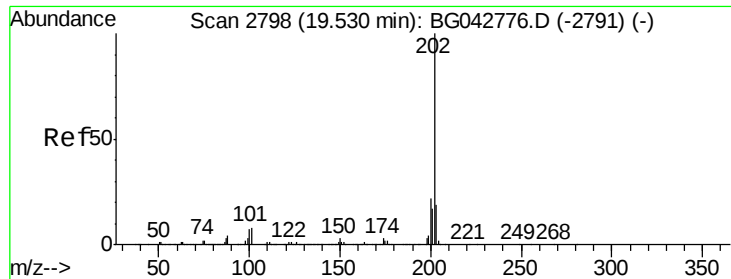
mohammad
 9/16/2019 9:03:53 AM



#74
 Di-n-butylphthalate
 Concen: 40.890 ng
 RT: 18.44 min Scan# 2613
 Delta R.T. -0.01 min
 Lab File: BG042814.D
 Acq: 13 Sep 2019 12:49

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.6	8.0	12.0
104	6.0	5.1	7.7





#75

Fluoranthene

Concen: 43.058 ng

RT: 19.52 min Scan# 2797

Delta R.T. -0.01 min

Lab File: BG042814.D

Acq: 13 Sep 2019 12:49

Instrument :

BNA_G

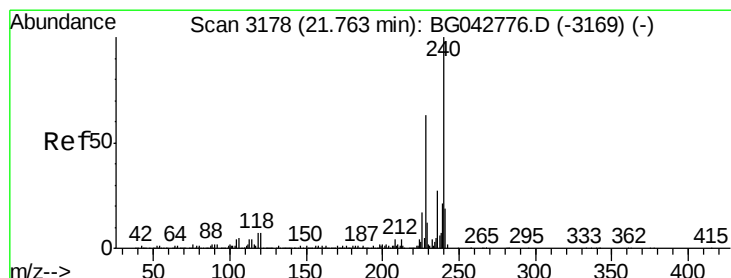
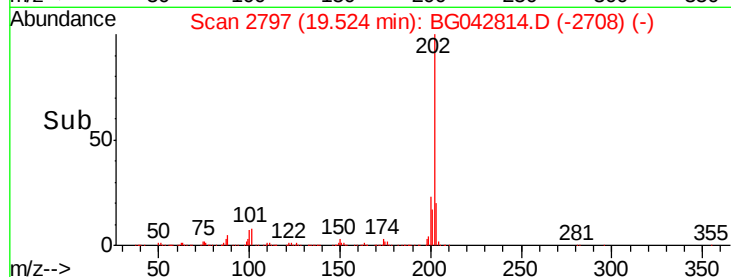
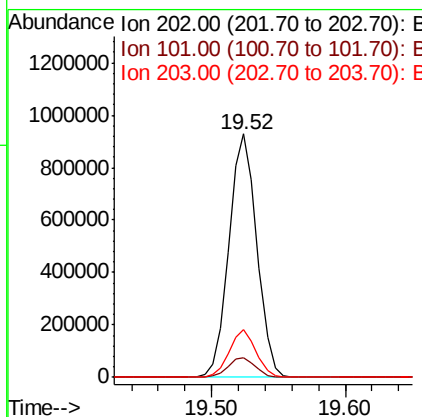
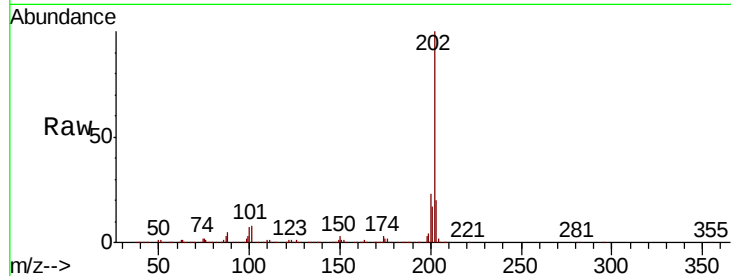
ClientSampleId :

PB122826BS

Tot Ion:	202	Resp:	1349174
Ion Ratio	Lower	Upper	
202	100		
101	8.3	0.0	27.8
203	19.7	0.0	39.1

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#76

Chrysene-d12

Concen: 20.000 ng

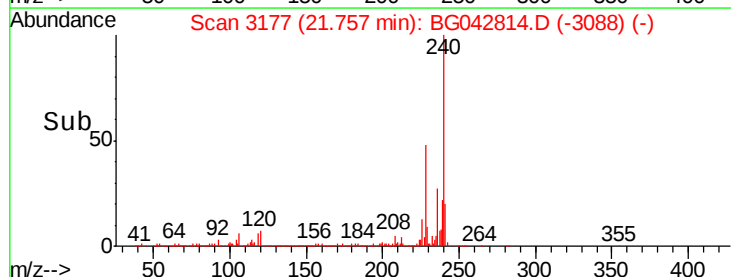
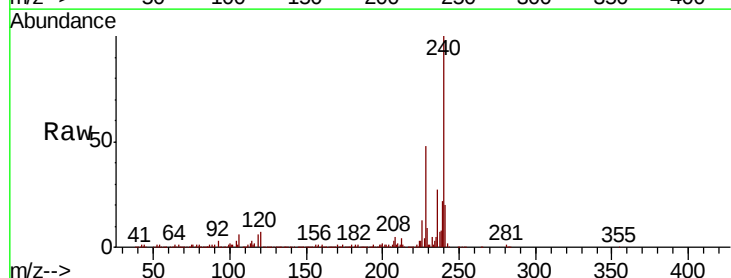
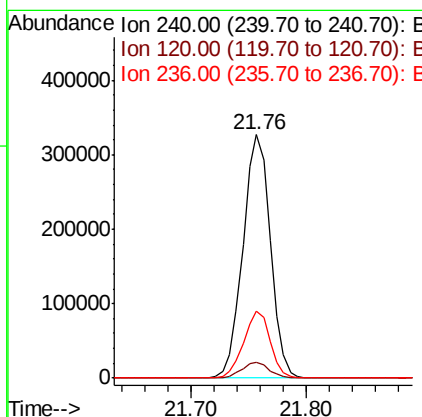
RT: 21.76 min Scan# 3177

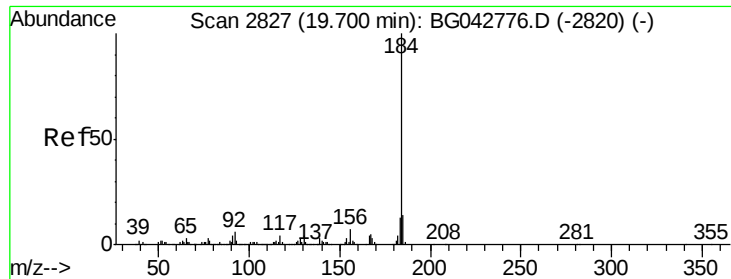
Delta R.T. -0.01 min

Lab File: BG042814.D

Acq: 13 Sep 2019 12:49

Tgt Ion:	240	Resp:	539288
Ion Ratio	Lower	Upper	
240	100		
120	6.7	5.4	8.2
236	27.5	21.7	32.5





#77

Benzidine

Concen: 42.978 ng

RT: 19.69 min Scan# 2826

Delta R.T. -0.01 min

Lab File: BG042814.D

Acq: 13 Sep 2019 12:49

Instrument :

BNA_G

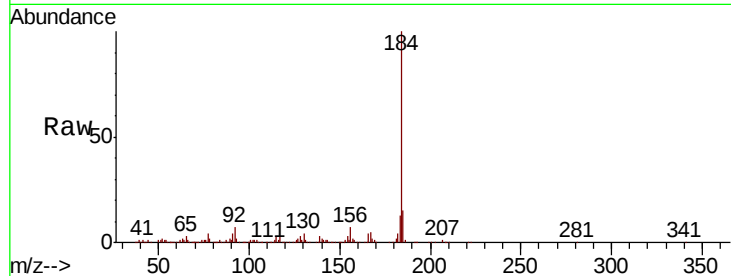
ClientSampleId :

PB122826BS

Tot Ion:	184	Resp:	647545
Ion Ratio	Lower	Upper	
184	100		
185	15.2	11.6	17.4
183	13.4	10.4	15.6

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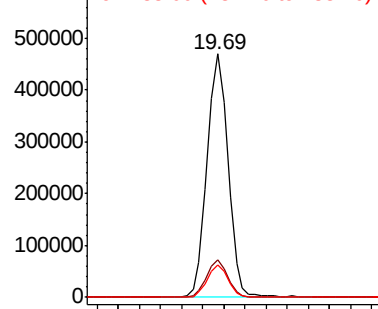


Abundance

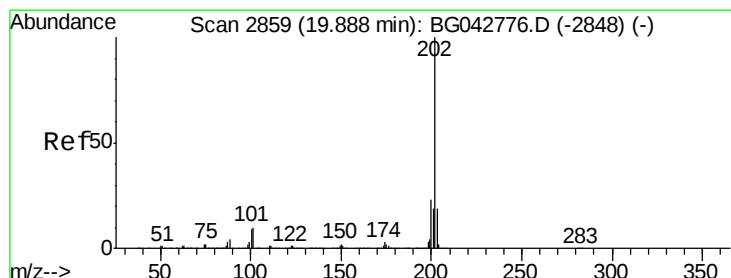
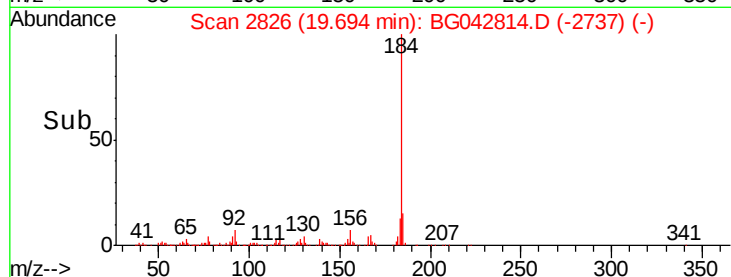
Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



Time-->



#78

Pyrene

Concen: 40.522 ng

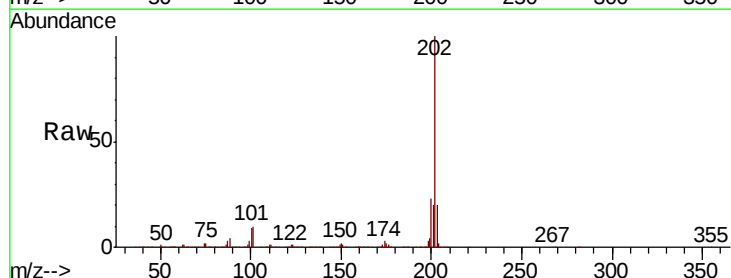
RT: 19.88 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BG042814.D

Acq: 13 Sep 2019 12:49

Tgt Ion:	202	Resp:	1368133
Ion Ratio	Lower	Upper	
202	100		
200	23.5	18.5	27.7
203	19.5	15.3	22.9

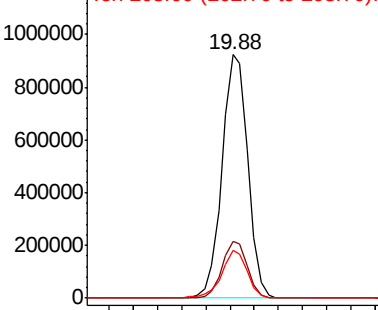


Abundance

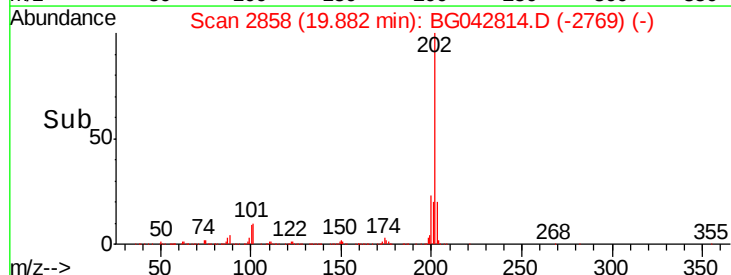
Ion 202.00 (201.70 to 202.70): E

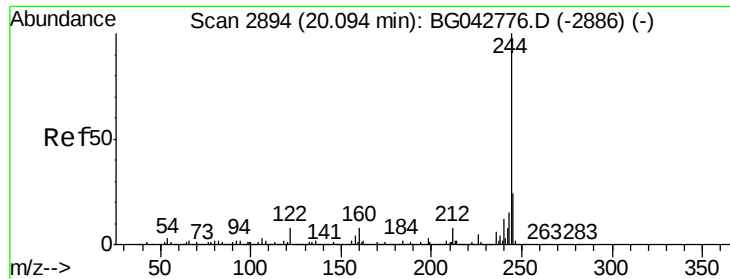
Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->





#79

Terphenyl-d14

Concen: 69.794 ng

RT: 20.08 min Scan# 2892

Delta R.T. -0.01 min

Lab File: BG042814.D

Acq: 13 Sep 2019 12:49

Instrument :

BNA_G

ClientSampleId :

PB122826BS

Tot Ion:244 Resp: 1698288

Ion Ratio Lower Upper

244 100

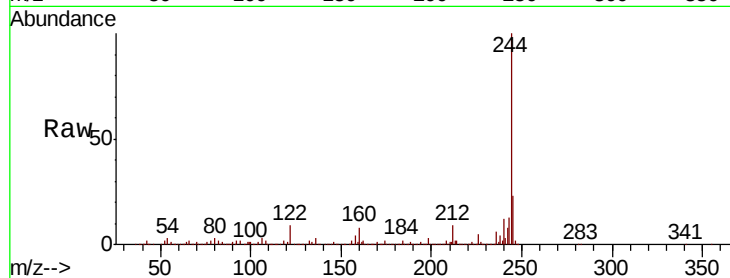
212 8.5 6.6 10.0

122 8.7 6.2 9.4

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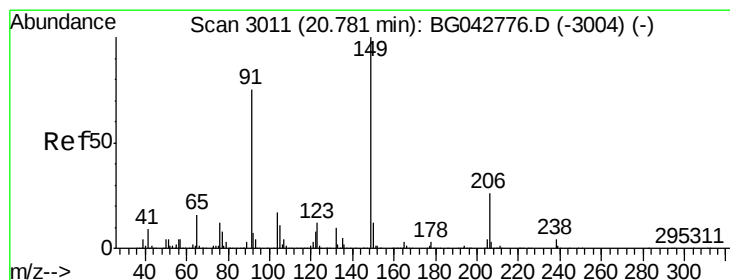
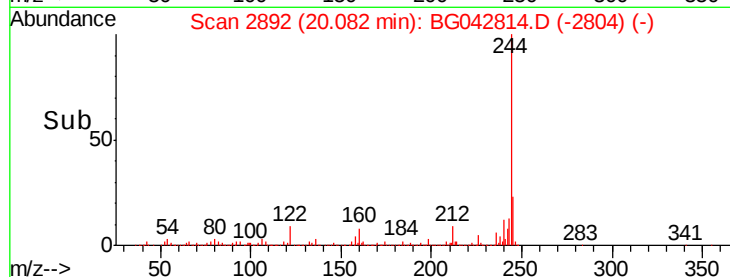
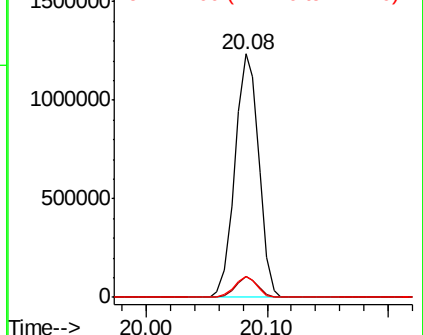
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 40.267 ng

RT: 20.78 min Scan# 3010

Delta R.T. -0.01 min

Lab File: BG042814.D

Acq: 13 Sep 2019 12:49

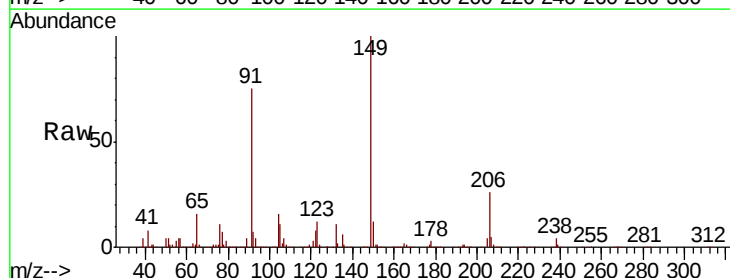
Tgt Ion:149 Resp: 550218

Ion Ratio Lower Upper

149 100

91 75.1 60.2 90.2

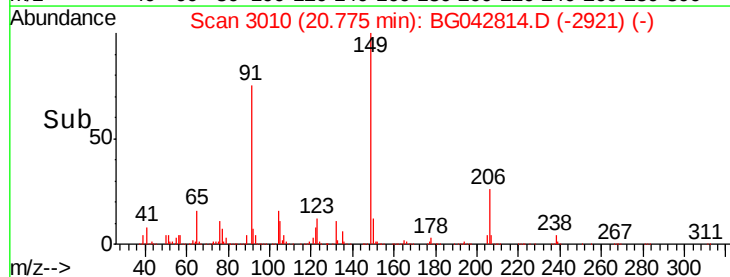
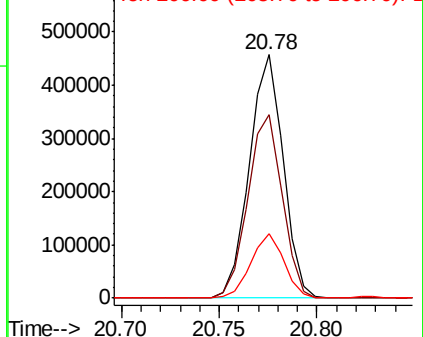
206 26.2 20.6 30.8

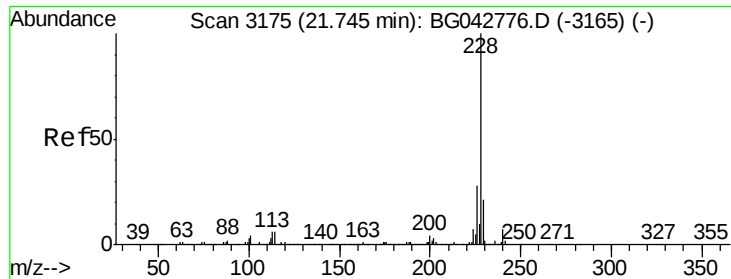


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 40.477 ng

RT: 21.74 min Scan# 3174

Delta R.T. -0.01 min

Lab File: BG042814.D

Acq: 13 Sep 2019 12:49

Instrument :

BNA_G

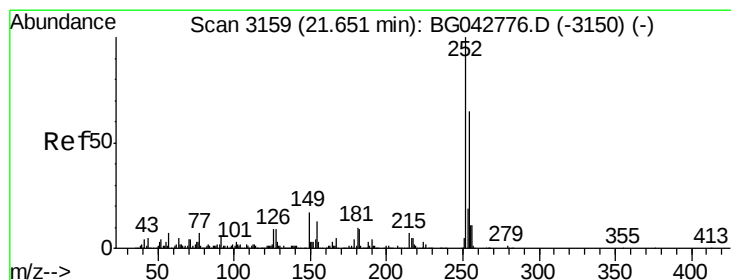
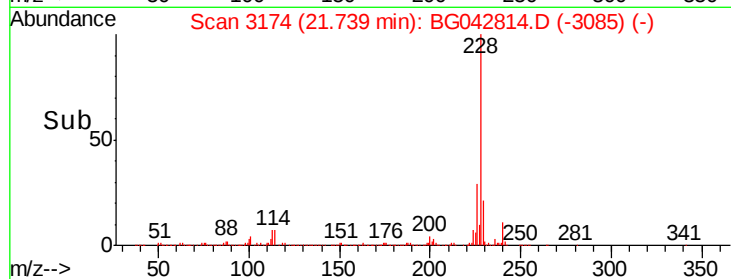
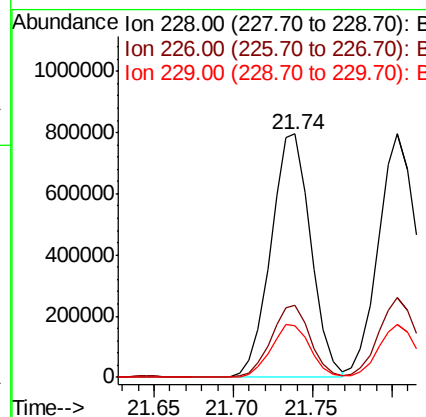
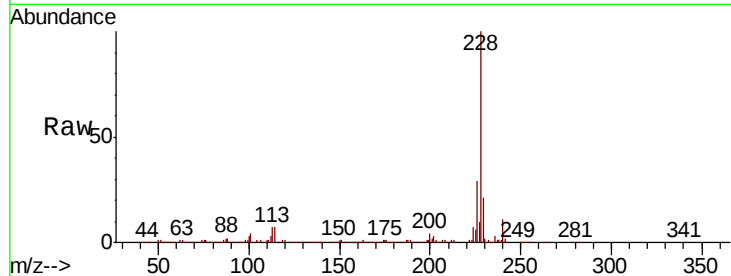
ClientSampled :

PB122826BS

Tot Ion:	228	Resp:	1387923
Ion	Ratio	Lower	Upper
228	100		
226	29.4	22.5	33.7
229	21.5	17.2	25.8

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#82

3,3'-Dichlorobenzidine

Concen: 29.844 ng

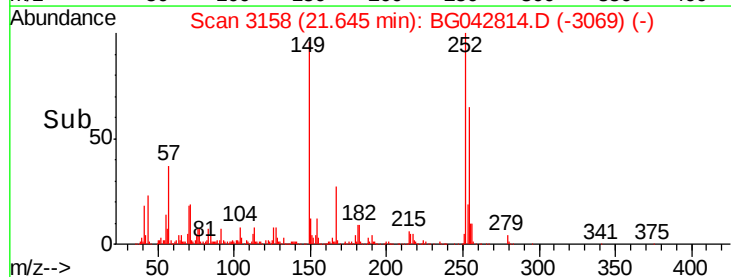
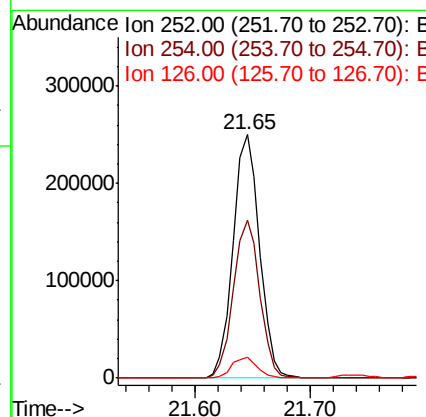
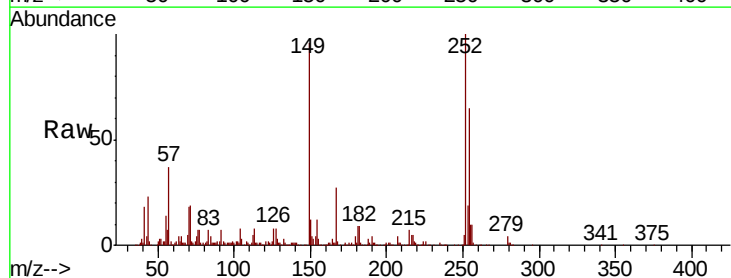
RT: 21.65 min Scan# 3158

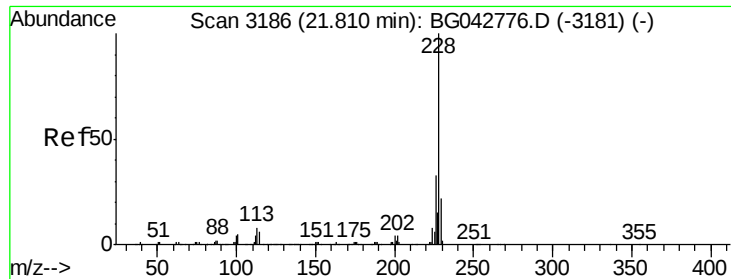
Delta R.T. -0.01 min

Lab File: BG042814.D

Acq: 13 Sep 2019 12:49

Tgt Ion:	252	Resp:	397672
Ion	Ratio	Lower	Upper
252	100		
254	64.9	52.2	78.2
126	8.5	7.0	10.4





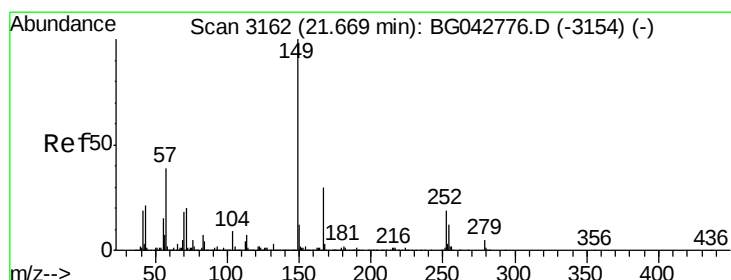
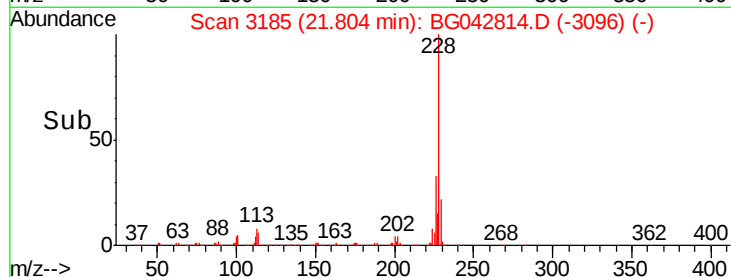
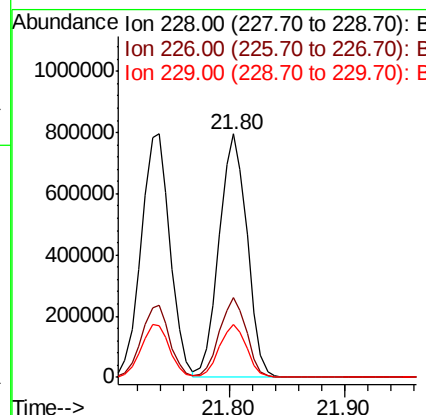
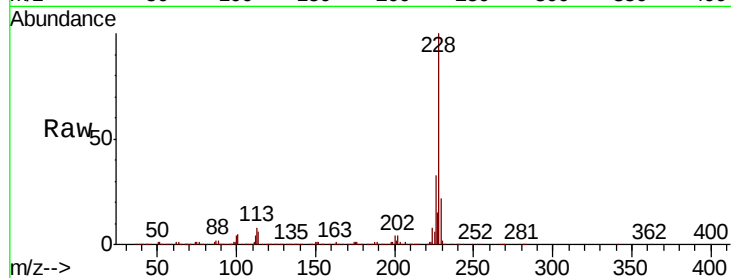
#83
Chrysene
Concen: 40.893 ng
RT: 21.80 min Scan# 3185
Delta R.T. -0.01 min
Lab File: BG042814.D
Acq: 13 Sep 2019 12:49

Instrument :
BNA_G
ClientSampleId :
PB122826BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	32.5	26.0	39.0
229	21.9	17.1	25.7

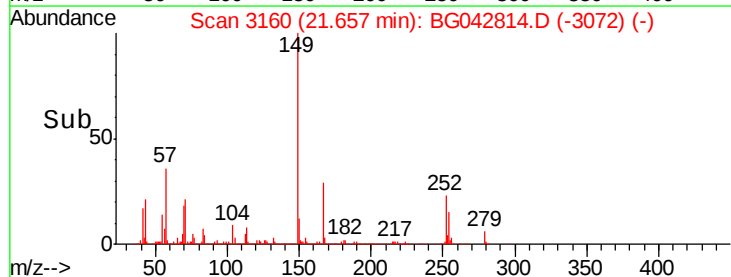
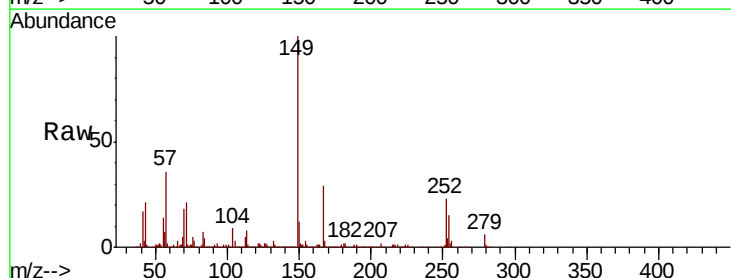
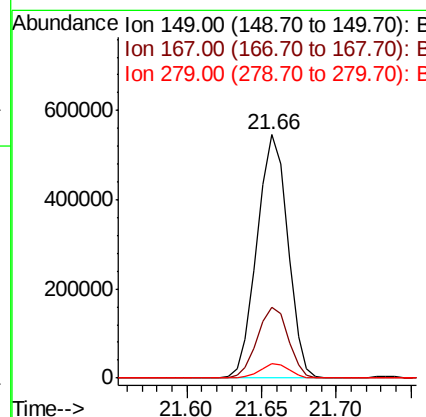
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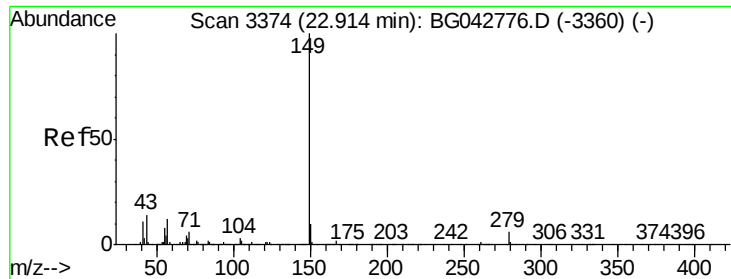
mohammad
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#84
Bis(2-ethylhexyl)phthalate
Concen: 41.593 ng
RT: 21.66 min Scan# 3160
Delta R.T. -0.01 min
Lab File: BG042814.D
Acq: 13 Sep 2019 12:49

Tgt Ion	Ratio	Lower	Upper
149	100		
167	29.2	24.3	36.5
279	5.9	4.2	6.4





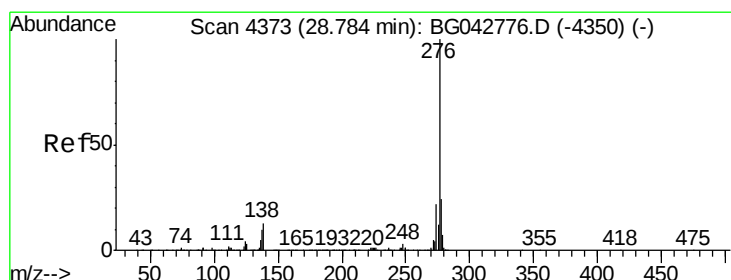
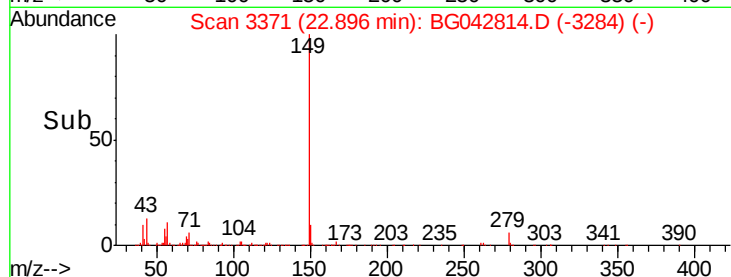
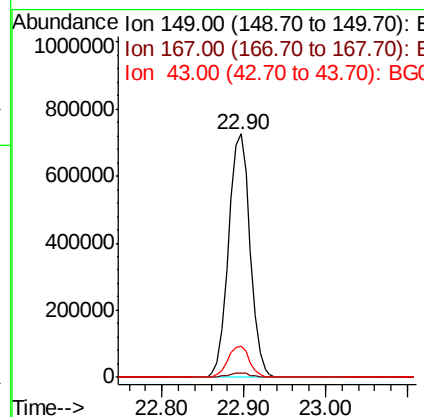
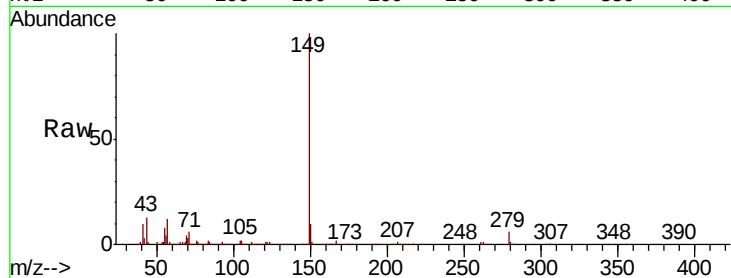
#85
Di-n-octyl phthalate
Concen: 41.753 ng
RT: 22.90 min Scan# 3371
Delta R.T. -0.02 min
Lab File: BG042814.D
Acq: 13 Sep 2019 12:49

Instrument :
BNA_G
ClientSampleId :
PB122826BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.4	2.0
43	12.9	10.6	15.8

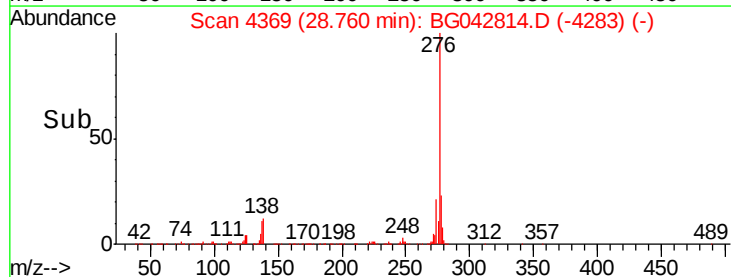
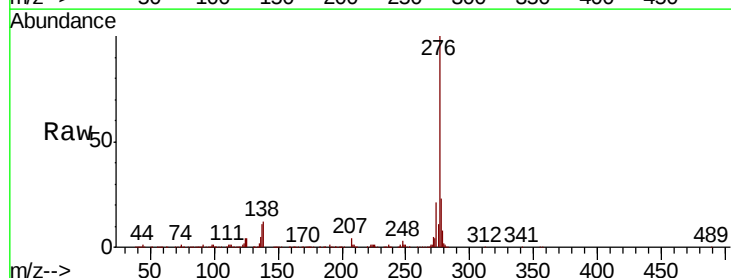
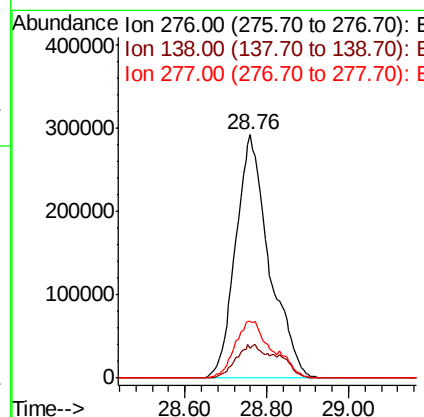
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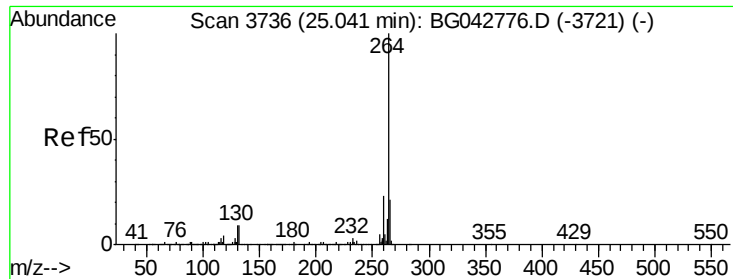
mohammad
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#86
Indeno(1,2,3-cd)pyrene
Concen: 41.341 ng
RT: 28.76 min Scan# 4369
Delta R.T. -0.02 min
Lab File: BG042814.D
Acq: 13 Sep 2019 12:49

Tgt Ion	Ratio	Lower	Upper
276	100		
138	6.3	9.3	13.9#
277	22.2	17.2	25.8





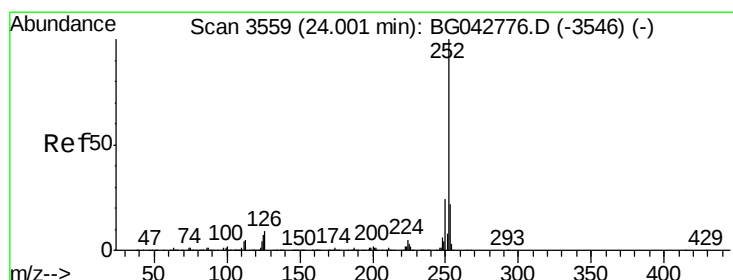
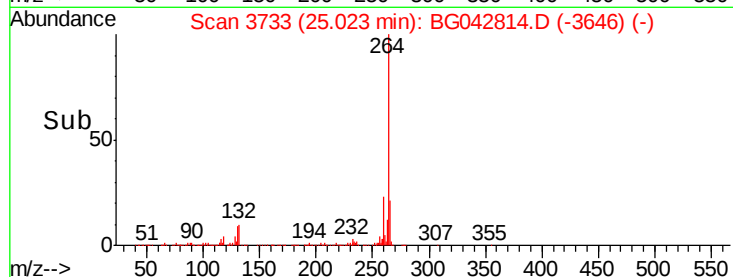
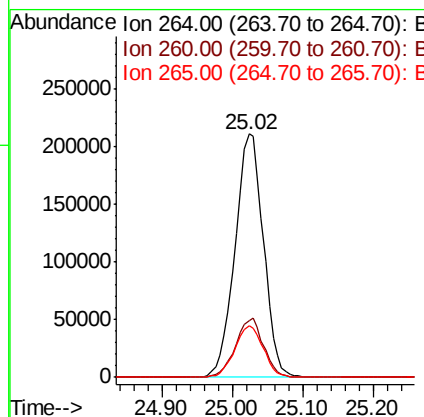
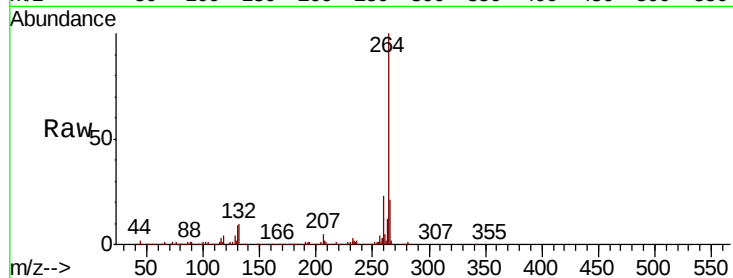
#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.02 min Scan# 3733
Delta R.T. -0.02 min
Lab File: BG042814.D
Acq: 13 Sep 2019 12:49

Instrument :
BNA_G
ClientSampleId :
PB122826BS

Tot Ion:	264	Resp:	590304
Ion Ratio	Lower	Upper	
264	100		
260	23.3	18.2	27.2
265	21.2	16.9	25.3

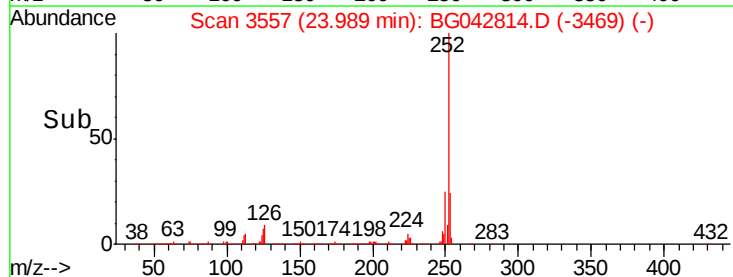
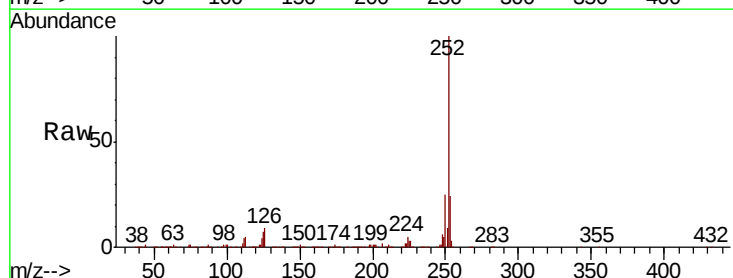
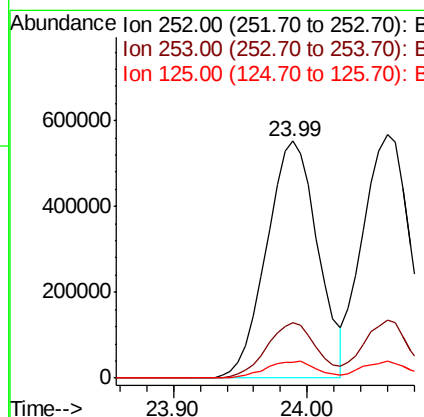
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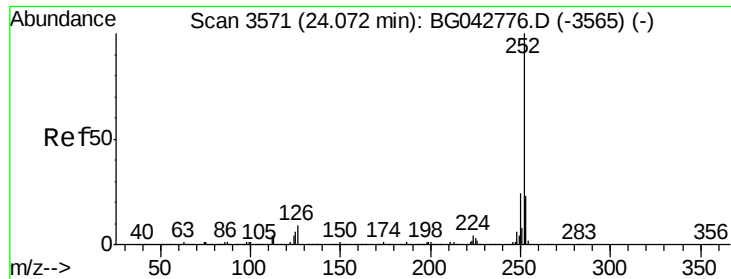
mohammad
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#88
Benzo(b)fluoranthene
Concen: 42.387 ng
RT: 23.99 min Scan# 3557
Delta R.T. -0.01 min
Lab File: BG042814.D
Acq: 13 Sep 2019 12:49

Tgt Ion:	252	Resp:	1469187
Ion Ratio	Lower	Upper	
252	100		
253	23.6	17.9	26.9
125	6.7	5.6	8.4





#89

Benzo(k)fluoranthene

Concen: 42.295 ng

RT: 24.06 min Scan# 3569

Delta R.T. -0.01 min

Lab File: BG042814.D

Acq: 13 Sep 2019 12:49

Instrument :

BNA_G

ClientSampleId :

PB122826BS

Tot Ion:252 Resp: 1384829

Ion Ratio Lower Upper

252 100

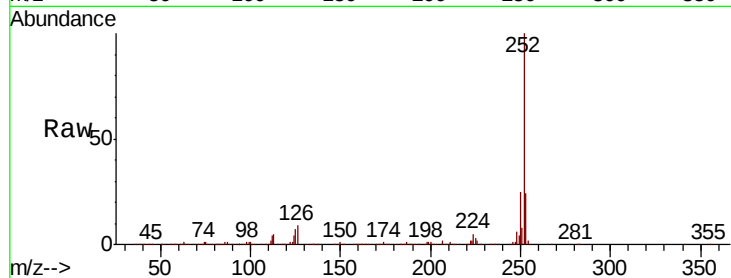
253 24.0 18.2 27.4

125 7.1 5.3 7.9

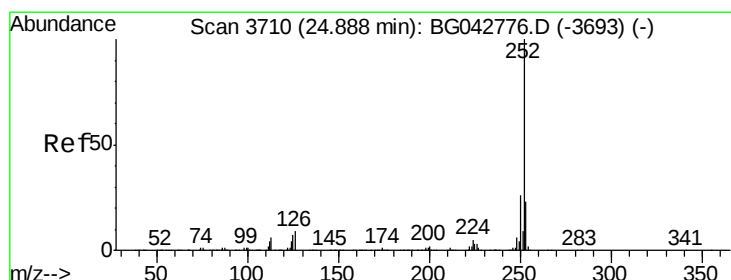
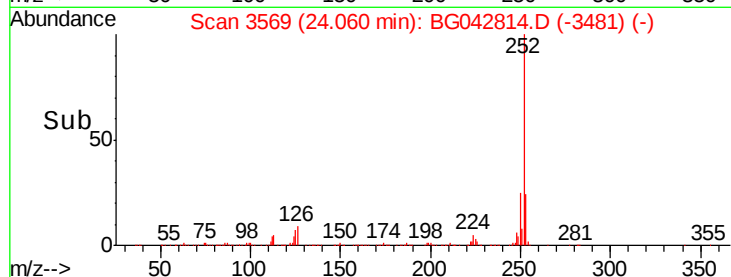
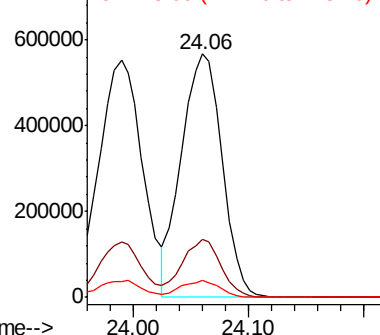
Manual Integrations
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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 43.591 ng

RT: 24.88 min Scan# 3708

Delta R.T. -0.01 min

Lab File: BG042814.D

Acq: 13 Sep 2019 12:49

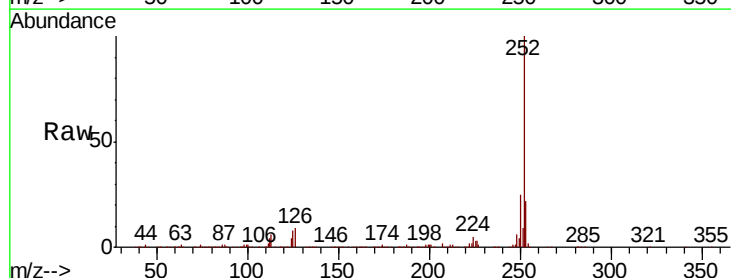
Tgt Ion:252 Resp: 1414761

Ion Ratio Lower Upper

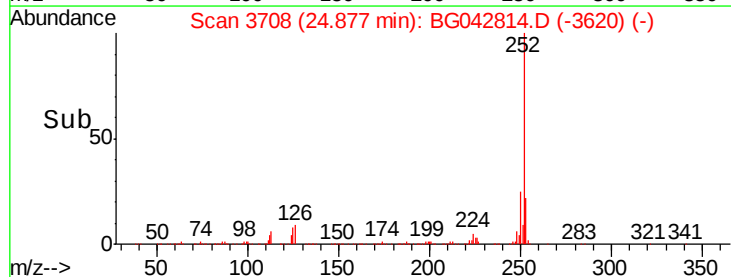
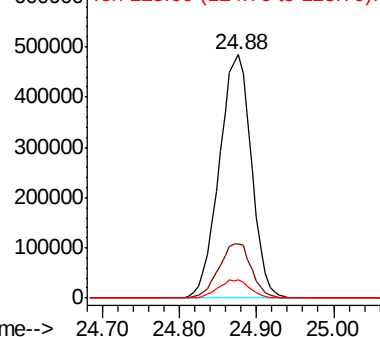
252 100

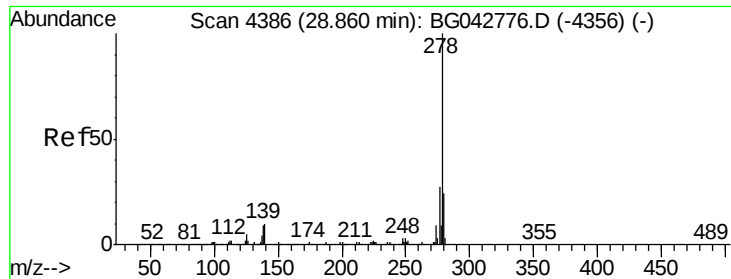
253 22.3 18.1 27.1

125 7.6 5.7 8.5



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





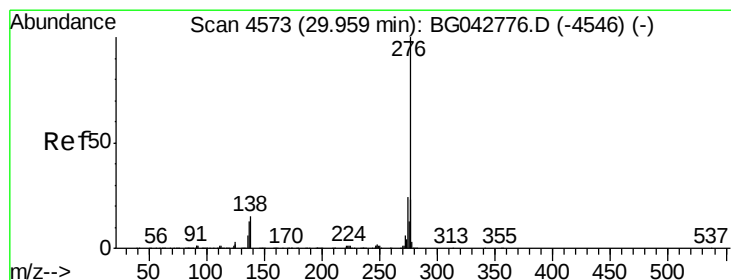
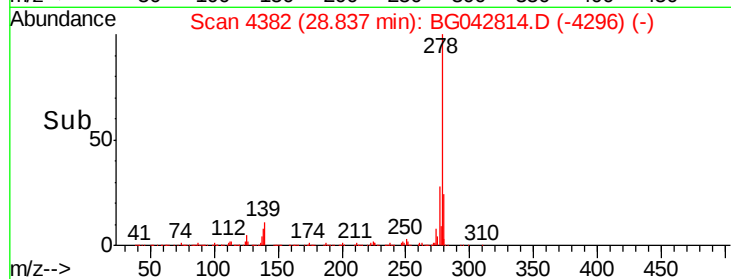
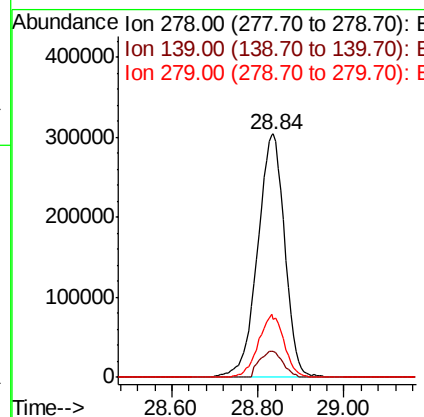
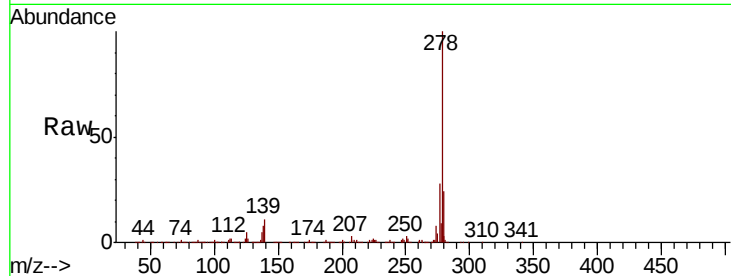
#91
Dibenzo(a,h)anthracene
Concen: 42.835 ng
RT: 28.84 min Scan# 4382
Delta R.T. -0.02 min
Lab File: BG042814.D
Acq: 13 Sep 2019 12:49

Instrument :
BNA_G
ClientSampleId :
PB122826BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	10.6	8.2	12.2
279	23.9	19.4	29.2

Manual Integrations
APPROVED

mohammad
9/16/2019 9:03:53 AM



#92
Benzo(g,h,i)perylene
Concen: 43.554 ng
RT: 29.92 min Scan# 4567
Delta R.T. -0.04 min
Lab File: BG042814.D
Acq: 13 Sep 2019 12:49

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.3	18.4	27.6
138	14.6	11.8	17.8

