

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012519\
 Data File : BG039276.D
 Acq On : 25 Jan 2019 13:25
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

mohammad
 1/29/2019 12:25:40 AM

Quant Time: Jan 25 14:34:48 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG010919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 25 14:28:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	15134	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	66063	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	41932	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	106795	20.00	ng	0.00
76) Chrysene-d12	21.67	240	117721	20.00	ng	0.00
87) Perylene-d12	24.93	264	124091	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	65319	81.87	ng	0.00
7) Phenol-d6	7.17	99	91854	80.00	ng	0.00
23) Nitrobenzene-d5	9.19	82	112453	93.14	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	56839	80.86	ng	0.00
45) 2-Fluorobiphenyl	13.26	172	251089	81.95	ng	0.00
79) Terphenyl-d14	20.00	244	610562	95.94	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.44	88	12532	40.113	ng	99
3) Pyridine	3.85	79	43524	51.270	ng	95
4) n-Nitrosodimethylamine	3.77	42	18332	47.989	ng	88
6) Aniline	7.34	93	56686	41.111	ng	100
8) 2-Chlorophenol	7.57	128	38979	41.448	ng	97
9) Benzaldehyde	7.15	77	23468	35.444	ng	91
10) Phenol	7.20	94	46426	40.332	ng	97
11) bis(2-Chloroethyl)ether	7.42	93	38596	43.871	ng	99
12) 1,3-Dichlorobenzene	7.89	146	45194	40.110	ng	94
13) 1,4-Dichlorobenzene	8.04	146	45164	39.578	ng	96
14) 1,2-Dichlorobenzene	8.36	146	44729	41.110	ng	96
15) Benzyl Alcohol	8.25	79	35048	40.535	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.53	45	74653	44.253	ng	98
17) 2-Methylphenol	8.45	107	33125	41.443	ng	98
18) Hexachloroethane	9.08	117	16573	42.749	ng	94
19) n-Nitroso-di-n-propylamine	8.81	70	30878	40.955	ng	95
20) 3+4-Methylphenols	8.78	107	45779	40.172	ng	98
22) Acetophenone	8.84	105	64753	37.533	ng	# 98
24) Nitrobenzene	9.23	77	52327	42.880	ng	96
25) Isophorone	9.74	82	82076	39.466	ng	97
26) 2-Nitrophenol	9.93	139	27663	41.910	ng	97
27) 2,4-Dimethylphenol	9.99	122	37843	40.752	ng	90
28) bis(2-Chloroethoxy)methane	10.22	93	68877	55.107	ng	98
29) 2,4-Dichlorophenol	10.47	162	52348	45.376	ng	93
30) 1,2,4-Trichlorobenzene	10.68	180	57963	41.816	ng	98
31) Naphthalene	10.87	128	130736	39.457	ng	99
32) Benzoic acid	10.17	122	12690m	27.293	ng	
33) 4-Chloroaniline	10.99	127	54975	37.081	ng	99
34) Hexachlorobutadiene	11.13	225	36407	38.171	ng	97
35) Caprolactam	11.78	113	15891	34.351	ng	98
36) 4-Chloro-3-methylphenol	12.11	107	44112	35.750	ng	93
37) 2-Methylnaphthalene	12.47	142	89283	35.941	ng	96
38) 1-Methylnaphthalene	12.69	142	85855	36.007	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.84	216	65537	41.616	ng	98

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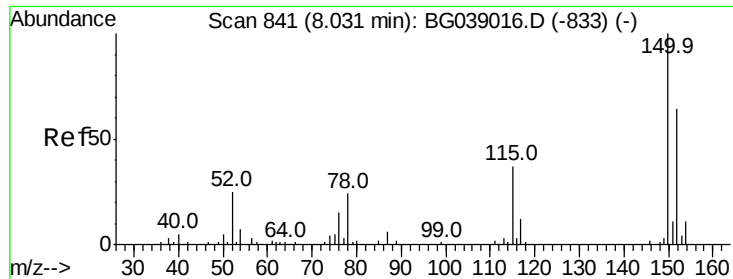
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.81	237	29637	36.754	ng	100
43) 2,4,6-Trichlorophenol	13.08	196	39763	40.119	ng	99
44) 2,4,5-Trichlorophenol	13.16	196	41326	39.450	ng	96
46) 1,1'-Biphenyl	13.48	154	135724	40.849	ng	99
47) 2-Chloronaphthalene	13.53	162	108209	40.245	ng	98
48) 2-Nitroaniline	13.75	65	31242	41.476	ng	98
49) Acenaphthylene	14.38	152	163912	40.559	ng	98
50) Dimethylphthalate	14.10	163	144042	40.650	ng	99
51) 2,6-Dinitrotoluene	14.23	165	32230	40.683	ng	98
52) Acenaphthene	14.72	154	99052	40.794	ng	98
53) 3-Nitroaniline	14.57	138	32931	40.976	ng	97
54) 2,4-Dinitrophenol	14.78	184	14706	34.344	ng	95
55) Dibenzofuran	15.05	168	182183	42.483	ng	99
56) 4-Nitrophenol	14.88	139	22130	38.270	ng	99
57) 2,4-Dinitrotoluene	15.02	165	47898	42.142	ng	96
58) Fluorene	15.70	166	129649	40.165	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.27	232	38788	39.225	ng	99
60) Diethylphthalate	15.45	149	147914	40.515	ng	99
61) 4-Chlorophenyl-phenylether	15.68	204	84161	41.385	ng	99
62) 4-Nitroaniline	15.74	138	32369	38.663	ng	95
63) Azobenzene	15.97	77	116744	40.891	ng	96
65) 4,6-Dinitro-2-methylphenol	15.79	198	31731	40.105	ng	95
66) n-Nitrosodiphenylamine	15.90	169	130229	41.135	ng	97
67) 4-Bromophenyl-phenylether	16.58	248	58322	42.484	ng	95
68) Hexachlorobenzene	16.70	284	61134	40.811	ng	95
69) Atrazine	16.84	200	52229	38.834	ng	97
70) Pentachlorophenol	17.04	266	38139	44.020	ng	99
71) Phenanthrene	17.44	178	227224	40.253	ng	98
72) Anthracene	17.53	178	226168	40.523	ng	99
73) Carbazole	17.81	167	225086	40.853	ng	98
74) Di-n-butylphthalate	18.34	149	338179	55.173	ng	99
75) Fluoranthene	19.45	202	365871	52.283	ng	98
77) Benzidine	19.63	184	179226	49.776	ng	99
78) Pyrene	19.81	202	377183	50.276	ng	99
80) Butylbenzylphthalate	20.68	149	137945	48.345	ng	99
81) Benzo(a)anthracene	21.65	228	295057	41.173	ng	99
82) 3,3'-Dichlorobenzidine	21.57	252	123566	42.319	ng	99
83) Chrysene	21.72	228	330822	48.538	ng	100
84) Bis(2-ethylhexyl)phthalate	21.51	149	184331	46.526	ng	95
85) Di-n-octyl phthalate	22.72	149	263145	39.279	ng	99
86) Indeno(1,2,3-cd)pyrene	28.66	276	323438	39.714	ng	# 96
88) Benzo(b)fluoranthene	23.89	252	277601	40.571	ng	99
89) Benzo(k)fluoranthene	23.95	252	280649	41.484	ng	98
90) Benzo(a)pyrene	24.77	252	269377	40.730	ng	99
91) Dibenzo(a,h)anthracene	28.72	278	269701	40.998	ng	98
92) Benzo(g,h,i)perylene	29.84	276	266103	40.860	ng	97

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



#1

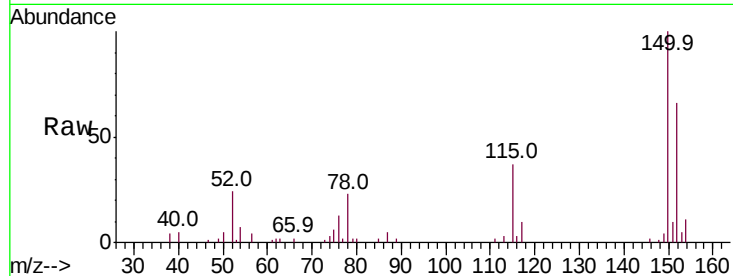
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 837
Delta R.T. 0.00 min
Lab File: BG039276.D
Acq: 25 Jan 2019 13:25

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

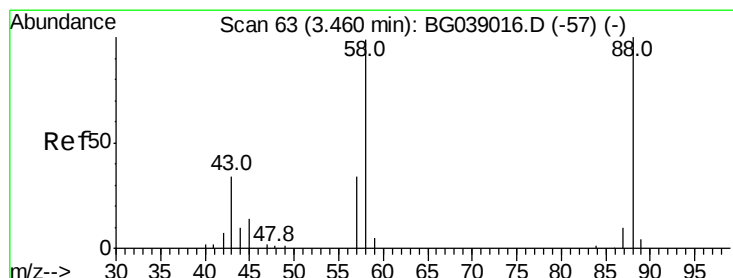
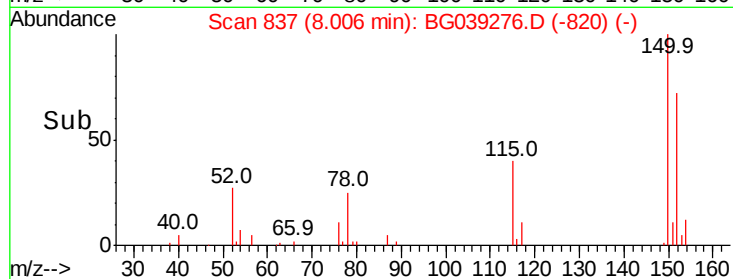
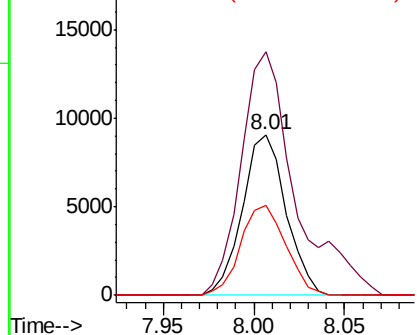
Tot Ion	Ratio	Lower	Upper
152	100		
150	151.2	124.7	187.1
115	55.6	46.5	69.7

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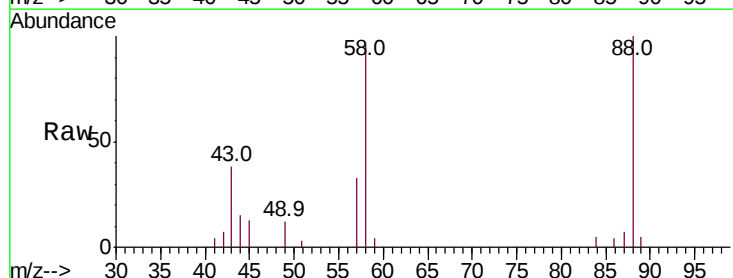
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



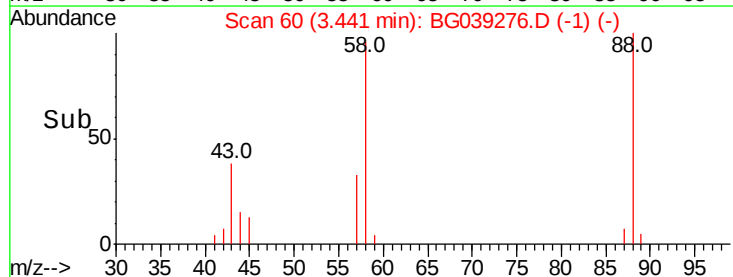
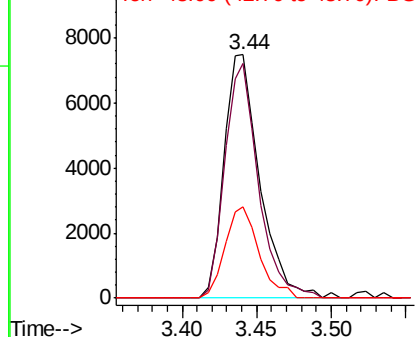
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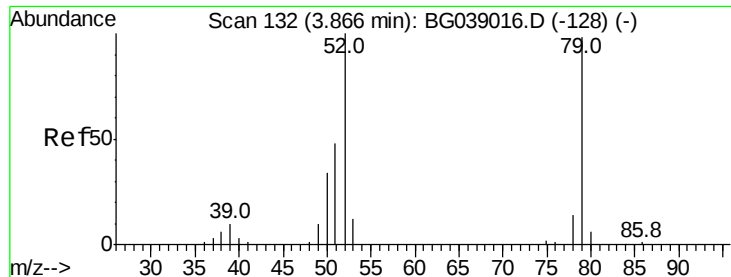
1,4-Dioxane
Concen: 40.113 ng
RT: 3.44 min Scan# 60
Delta R.T. 0.00 min
Lab File: BG039276.D
Acq: 25 Jan 2019 13:25

Tgt Ion	Ratio	Lower	Upper
88	100		
58	90.7	72.4	108.6
43	35.8	27.6	41.4



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: 51.270 ng

RT: 3.85 min Scan# 129

Delta R.T. 0.00 min

Lab File: BG039276.D

Acq: 25 Jan 2019 13:25

Instrument :

BNA_G

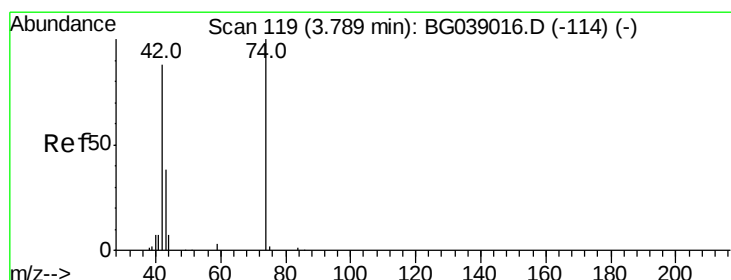
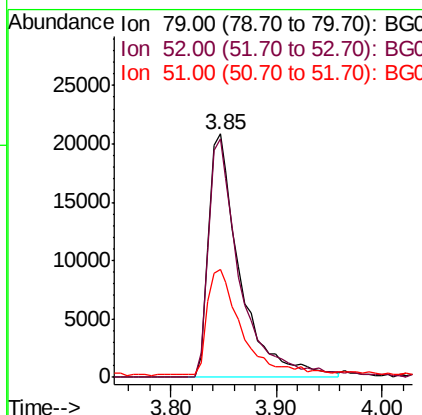
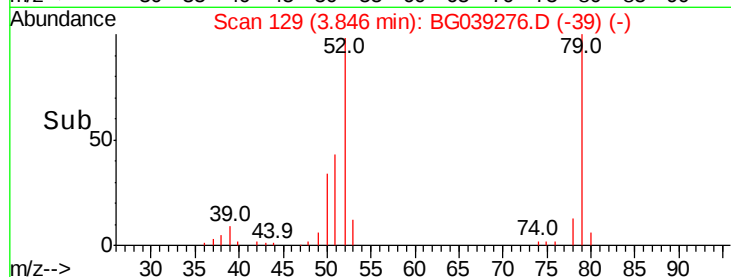
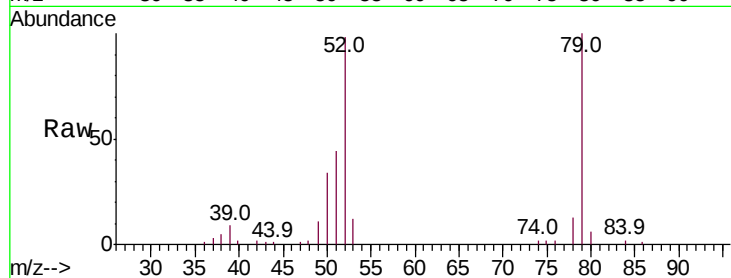
ClientSampleId :

SSTDCCC040

Tot Ion:	79	Resp:	43524
Ion	Ratio	Lower	Upper
79	100		
52	98.1	81.5	122.3
51	44.5	39.8	59.6

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#4

n-Nitrosodimethylamine

Concen: 47.989 ng

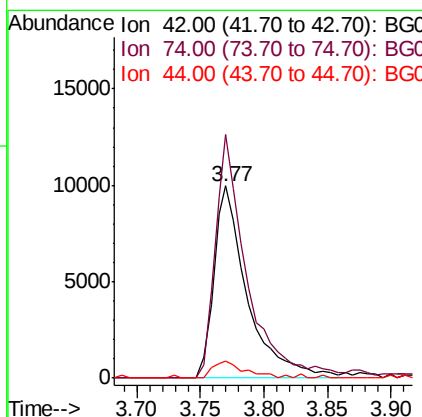
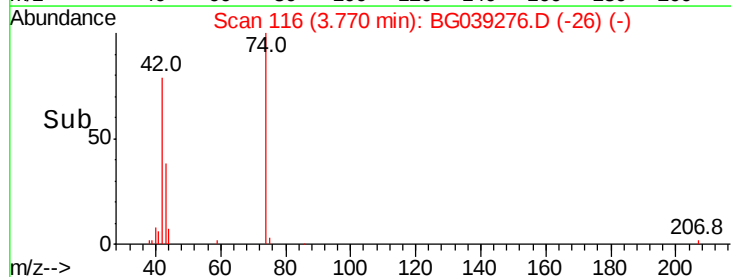
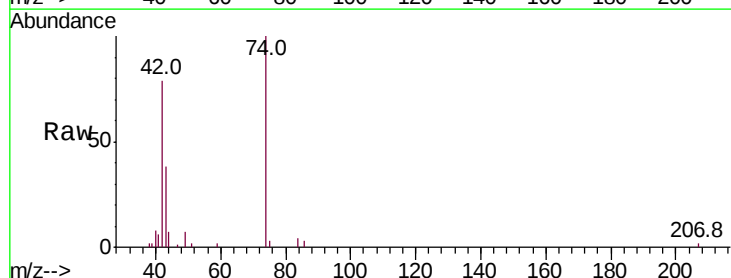
RT: 3.77 min Scan# 116

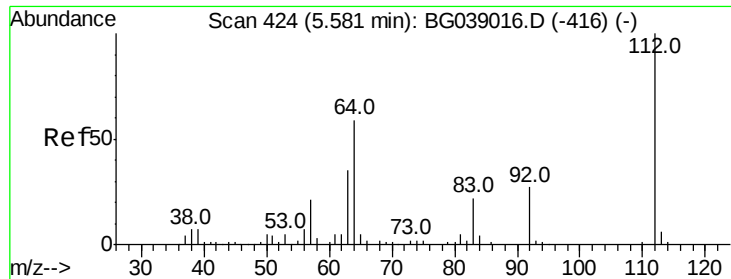
Delta R.T. 0.00 min

Lab File: BG039276.D

Acq: 25 Jan 2019 13:25

Tgt Ion:	42	Resp:	18332
Ion	Ratio	Lower	Upper
42	100		
74	126.7	90.7	136.1
44	9.2	6.5	9.7





#5

2-Fluorophenol

Concen: 81.875 ng

RT: 5.56 min Scan# 420

Delta R.T. 0.00 min

Lab File: BG039276.D

Acq: 25 Jan 2019 13:25

Instrument :

BNA_G

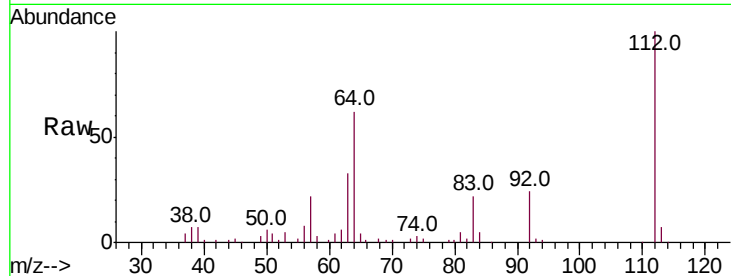
ClientSampleId :

SSTDCCC040

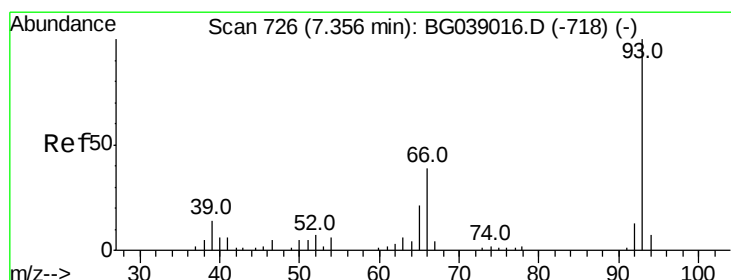
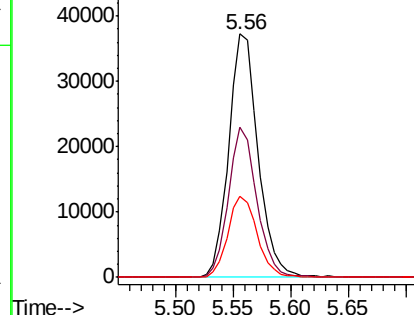
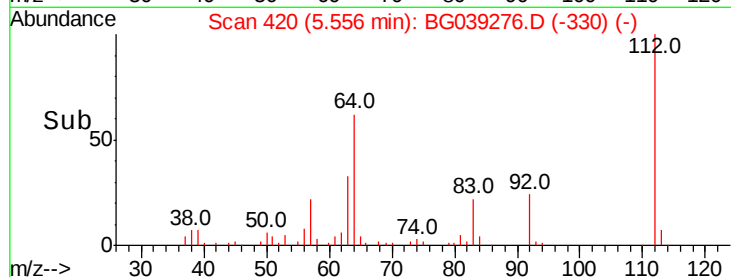
Tot Ion:	112	Resp:	65319
Ion Ratio	Lower	Upper	
112	100		
64	61.9	47.0	70.6
63	33.3	28.0	42.0

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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: 41.111 ng

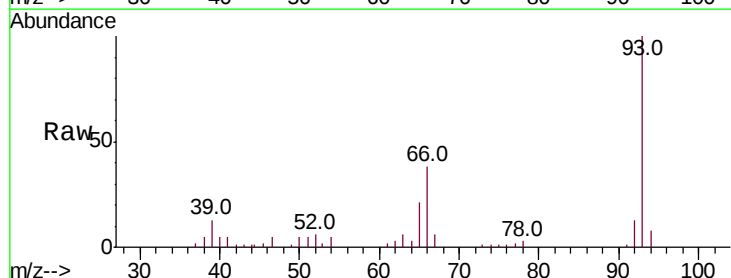
RT: 7.34 min Scan# 723

Delta R.T. 0.00 min

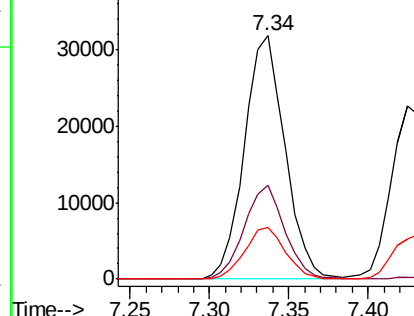
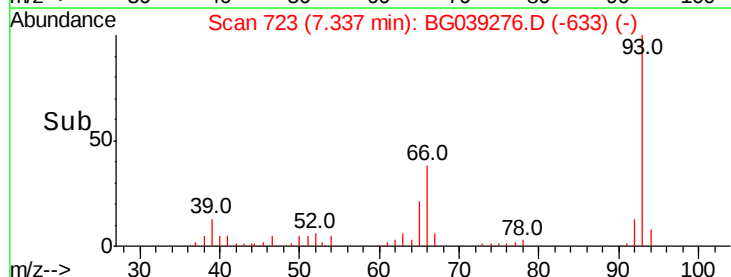
Lab File: BG039276.D

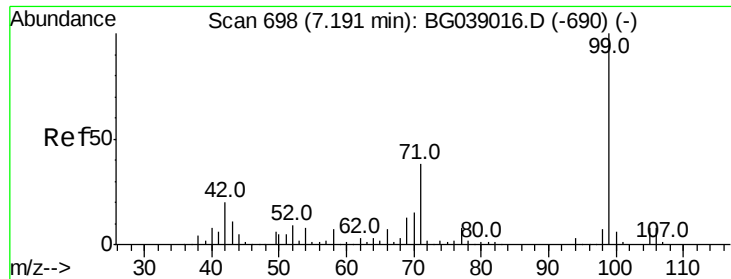
Acq: 25 Jan 2019 13:25

Tgt Ion:	93	Resp:	56686
Ion Ratio	Lower	Upper	
93	100		
66	38.4	30.9	46.3
65	21.0	17.0	25.4



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: 80.003 ng

RT: 7.17 min Scan# 694

Delta R.T. 0.00 min

Lab File: BG039276.D

Acq: 25 Jan 2019 13:25

Instrument :

BNA_G

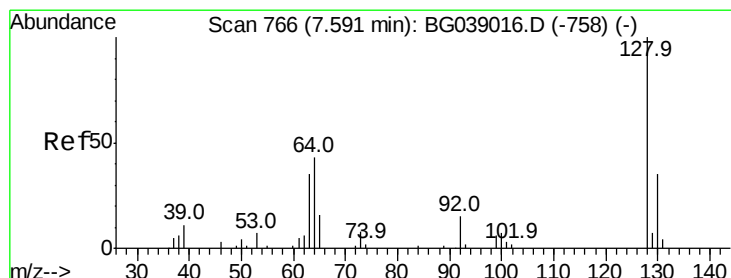
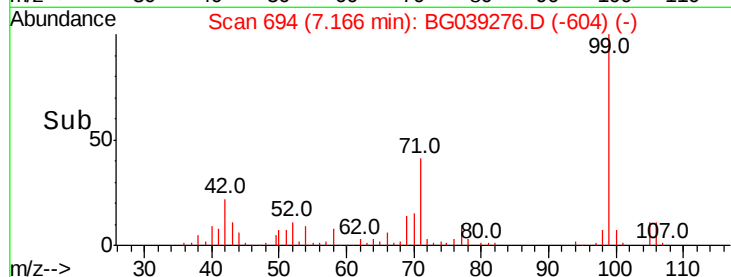
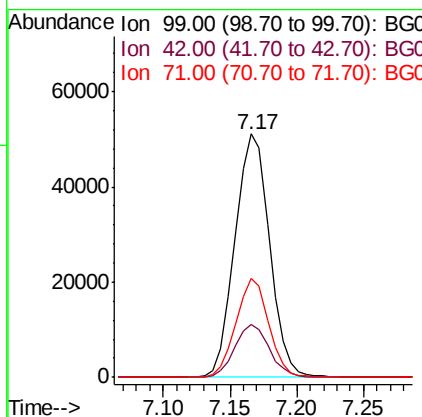
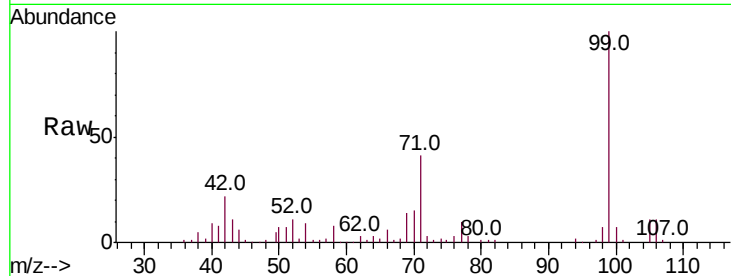
ClientSampleId :

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Tot Ion:	99	Resp:	91854
Ion	Ratio	Lower	Upper
99	100		
42	21.7	15.8	23.6
71	40.5	30.2	45.4

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#8

2-Chlorophenol

Concen: 41.448 ng

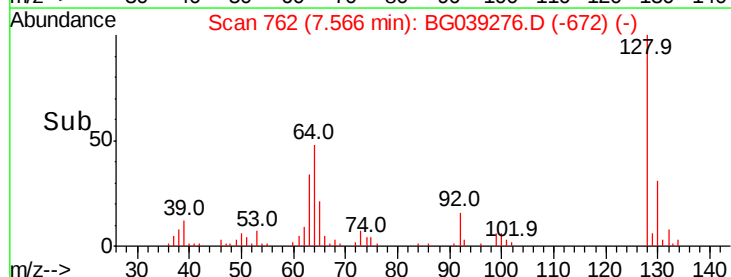
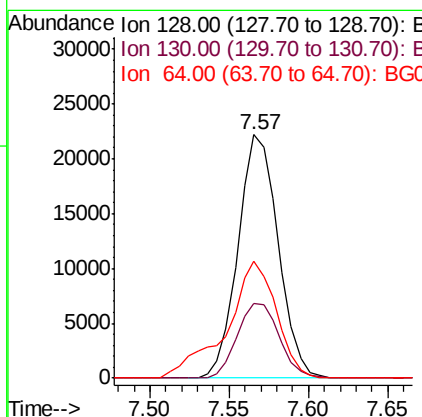
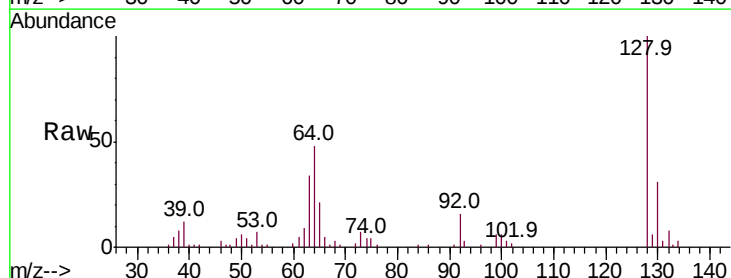
RT: 7.57 min Scan# 762

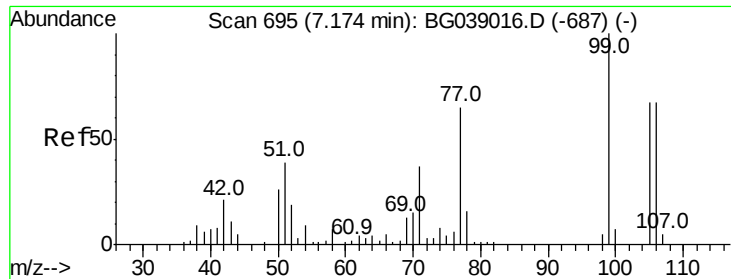
Delta R.T. 0.00 min

Lab File: BG039276.D

Acq: 25 Jan 2019 13:25

Tgt Ion:	128	Resp:	38979
Ion	Ratio	Lower	Upper
128	100		
130	30.8	14.5	54.5
64	48.0	27.3	67.3





#9

Benzaldehyde

Concen: 35.444 ng

RT: 7.15 min Scan# 691

Delta R.T. 0.00 min

Lab File: BG039276.D

Acq: 25 Jan 2019 13:25

Instrument :

BNA_G

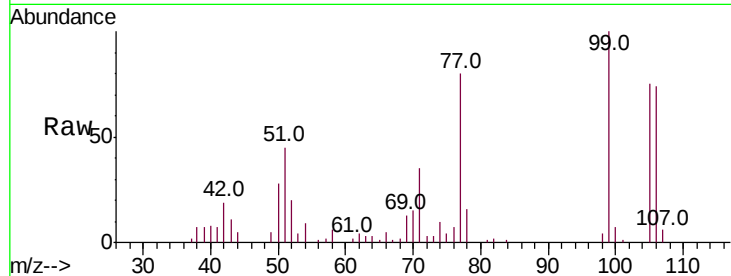
ClientSampleId :

SSTDCCC040

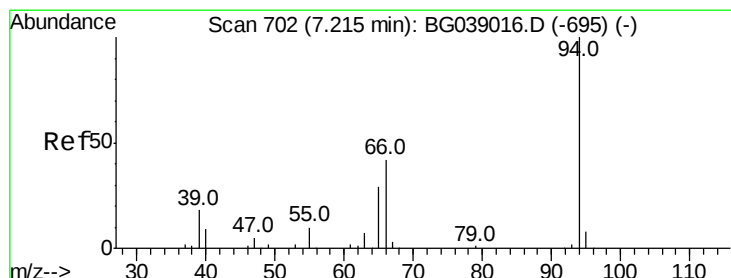
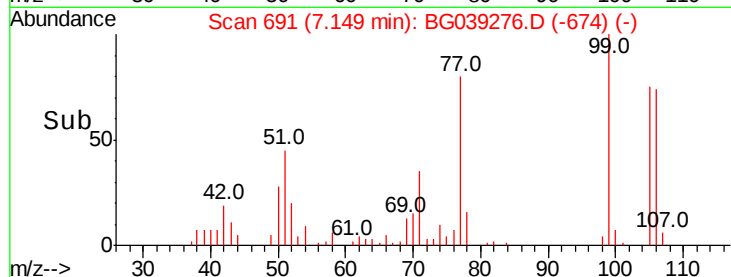
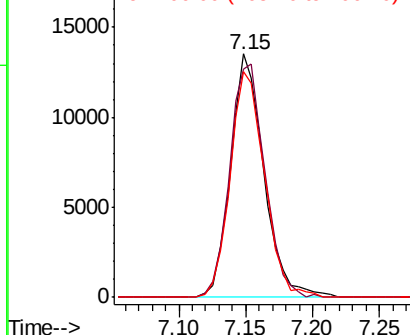
Tot Ion	Ratio	Lower	Upper
77	100		
105	94.0	82.4	122.4
106	93.0	82.8	122.8

Manual Integrations
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Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 40.332 ng

RT: 7.20 min Scan# 699

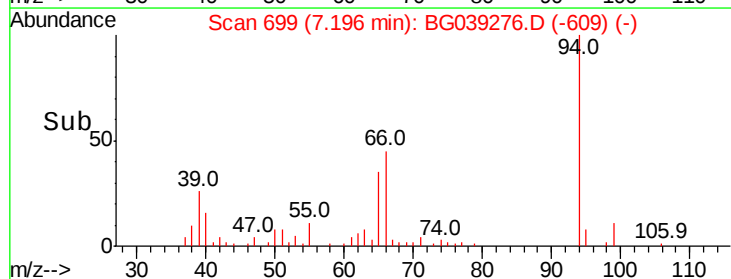
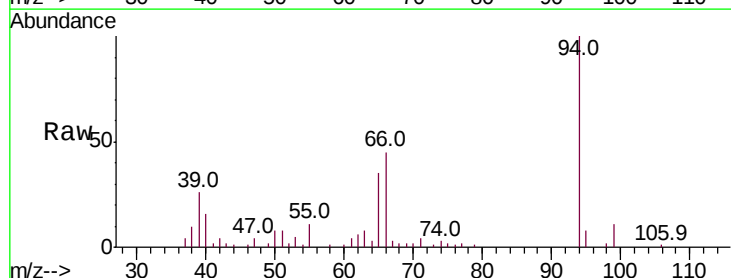
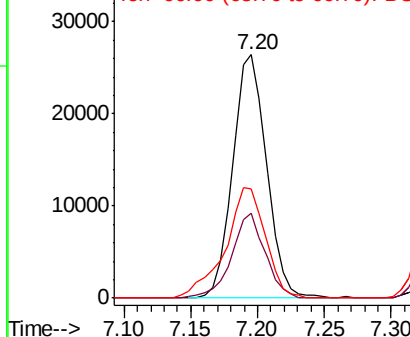
Delta R.T. 0.00 min

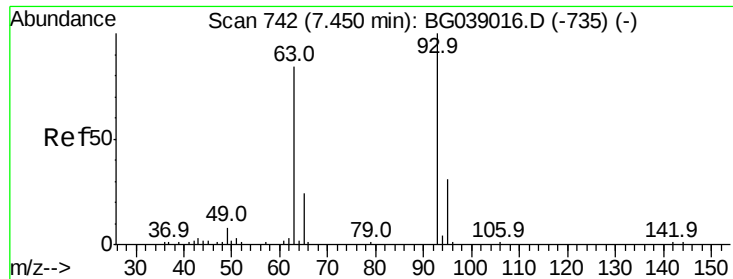
Lab File: BG039276.D

Acq: 25 Jan 2019 13:25

Tgt Ion	Ratio	Lower	Upper
94	100		
65	34.6	10.3	50.3
66	44.9	25.1	65.1

Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC





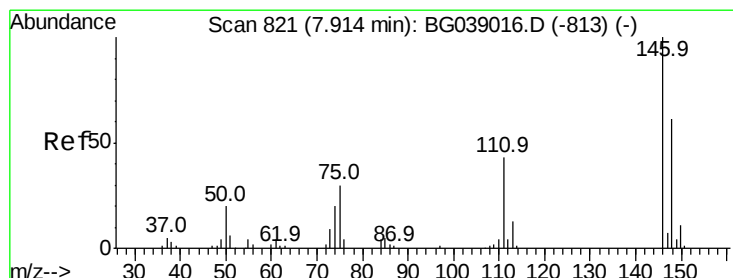
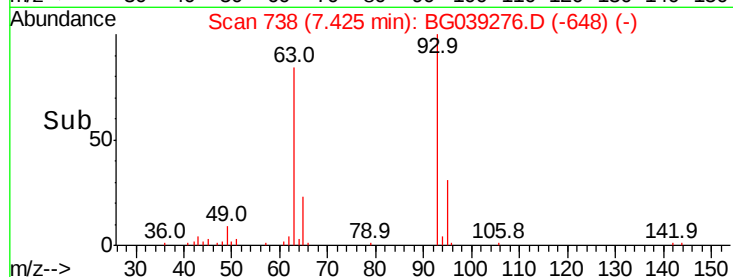
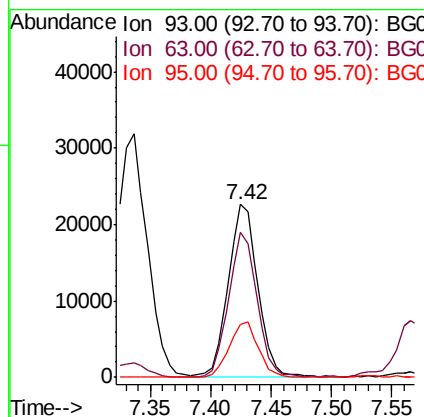
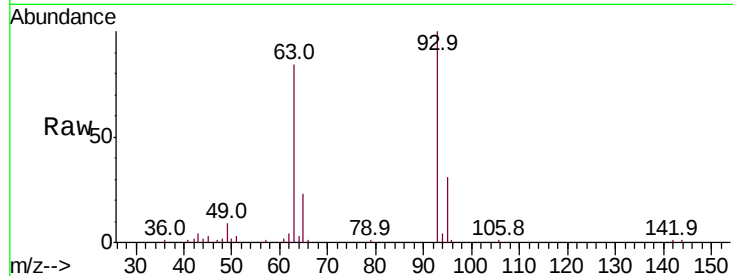
#11
bis(2-Chloroethyl)ether
Concen: 43.871 ng
RT: 7.42 min Scan# 738
Delta R.T. 0.00 min
Lab File: BG039276.D
Acq: 25 Jan 2019 13:25

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
93	100		
63	84.3	63.2	103.2
95	30.6	11.2	51.2

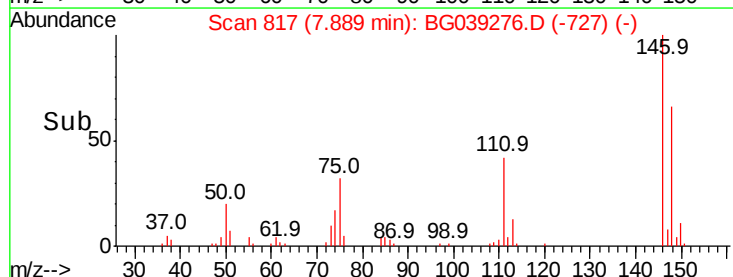
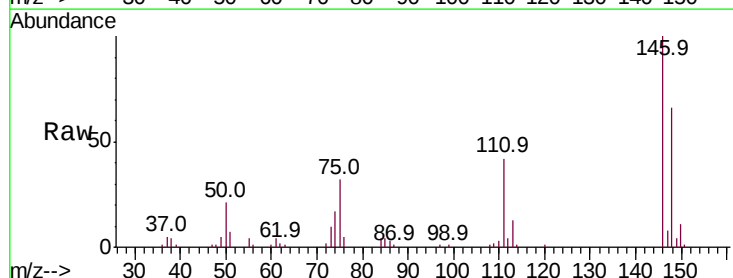
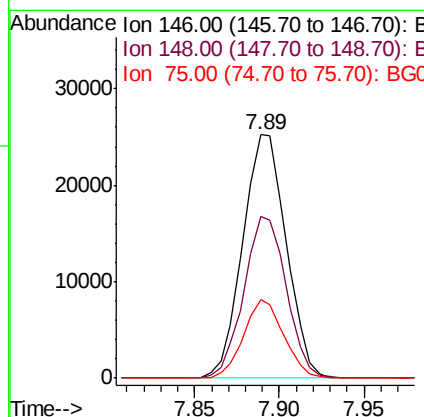
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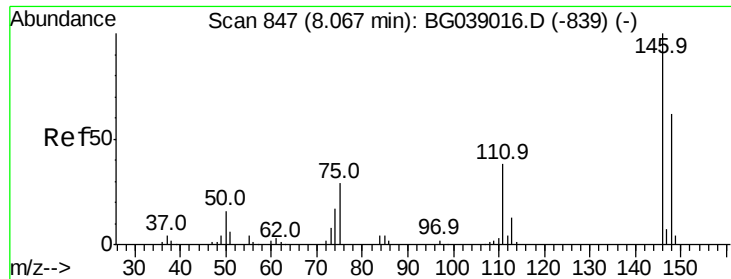
mohammad
1/29/2019 12:25:40 AM



#12
1,3-Dichlorobenzene
Concen: 40.110 ng
RT: 7.89 min Scan# 817
Delta R.T. 0.00 min
Lab File: BG039276.D
Acq: 25 Jan 2019 13:25

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.4	49.1	73.7
75	32.4	23.9	35.9





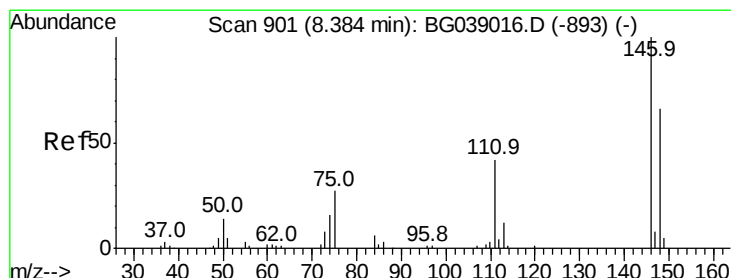
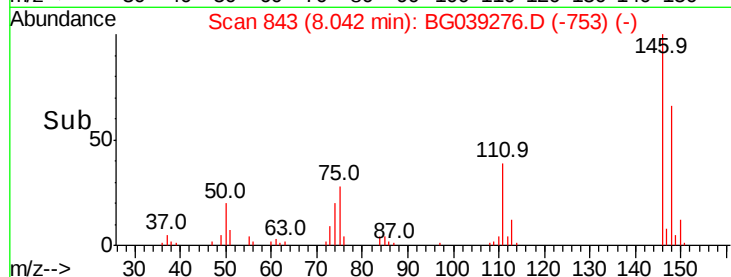
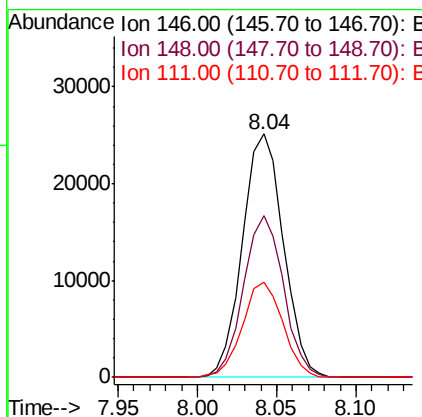
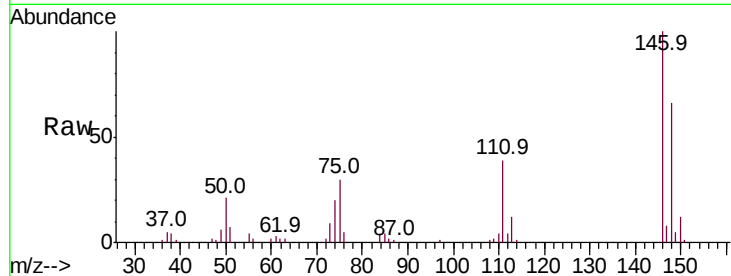
#13
 1,4-Dichlorobenzene
 Concen: 39.578 ng
 RT: 8.04 min Scan# 843
 Delta R.T. 0.00 min
 Lab File: BG039276.D
 Acq: 25 Jan 2019 13:25

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
146	100		
148	66.3	49.8	74.6
111	39.0	30.6	45.8

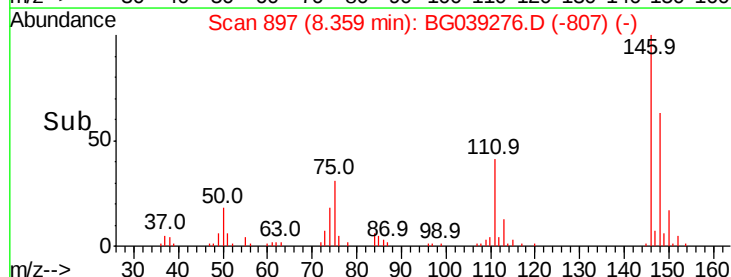
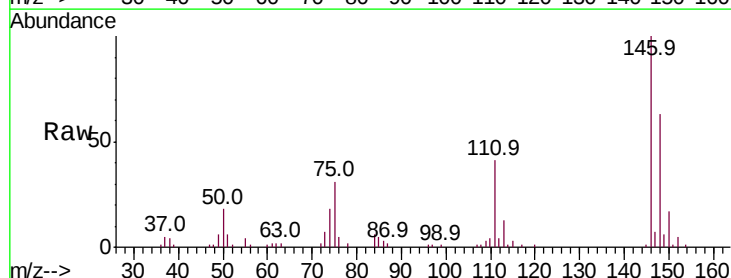
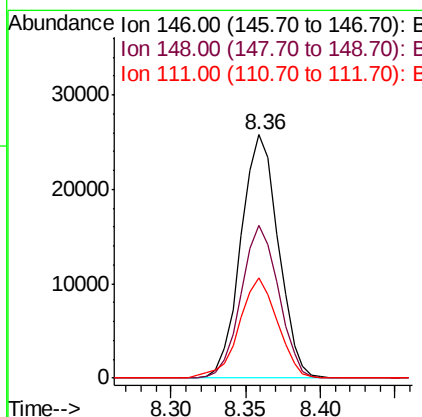
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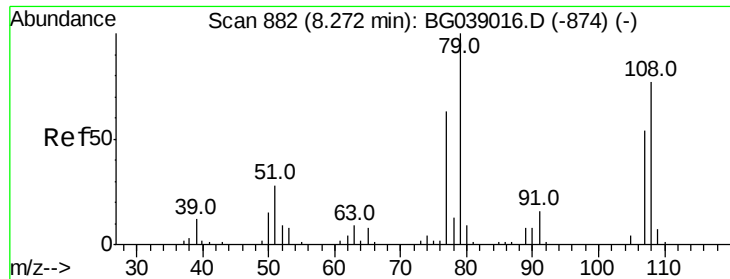
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 41.110 ng
 RT: 8.36 min Scan# 897
 Delta R.T. 0.00 min
 Lab File: BG039276.D
 Acq: 25 Jan 2019 13:25

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.7	52.6	79.0
111	41.0	34.6	51.8





#15

Benzyl Alcohol

Concen: 40.535 ng

RT: 8.25 min Scan# 879

Delta R.T. 0.00 min

Lab File: BG039276.D

Acq: 25 Jan 2019 13:25

Instrument :

BNA_G

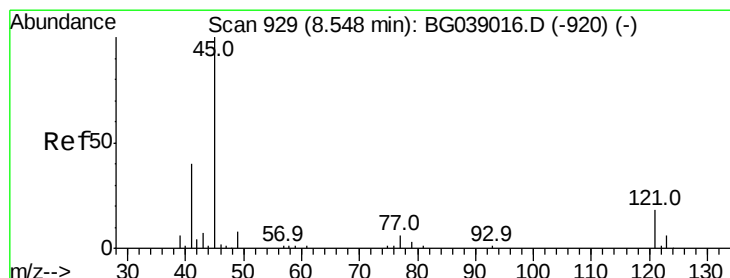
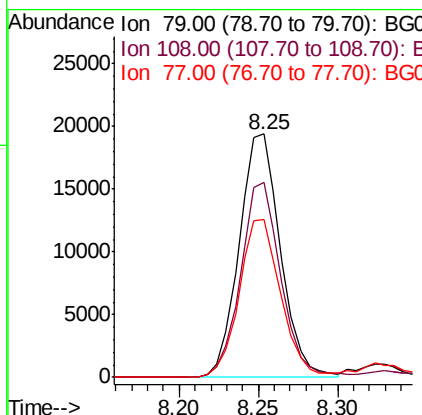
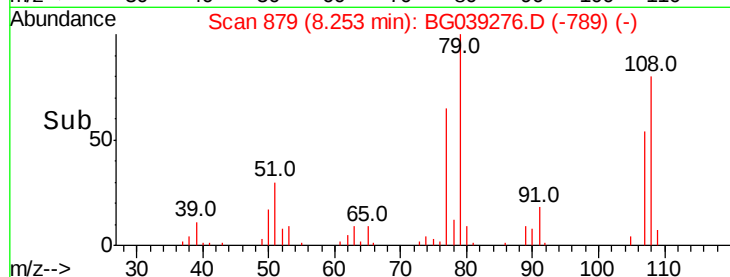
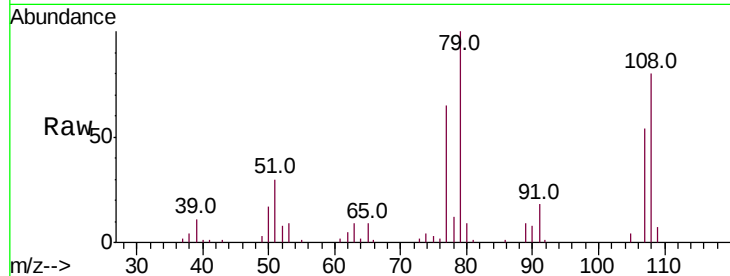
ClientSampleID :

SSTDCCC040

Tot Ion	Ratio	Lower	Upper
79	100		
108	80.0	62.0	93.0
77	64.7	50.1	75.1

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 44.253 ng

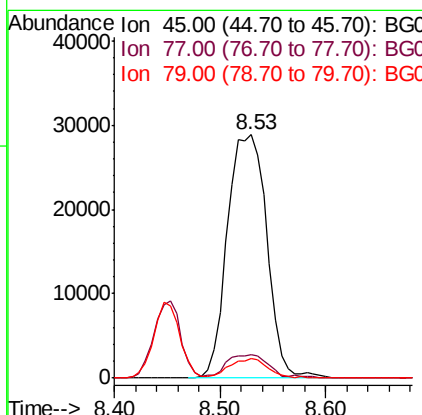
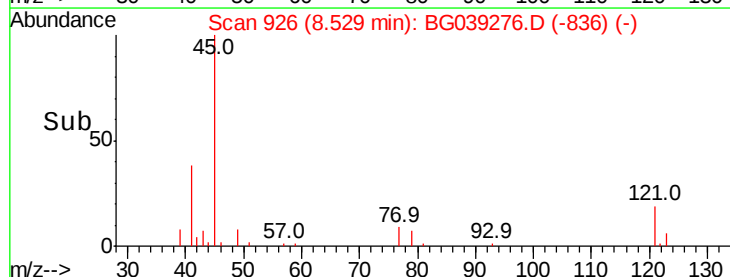
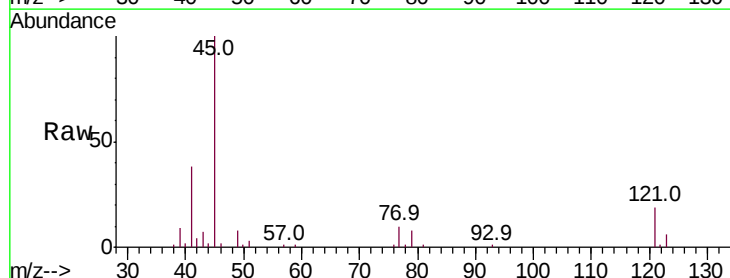
RT: 8.53 min Scan# 926

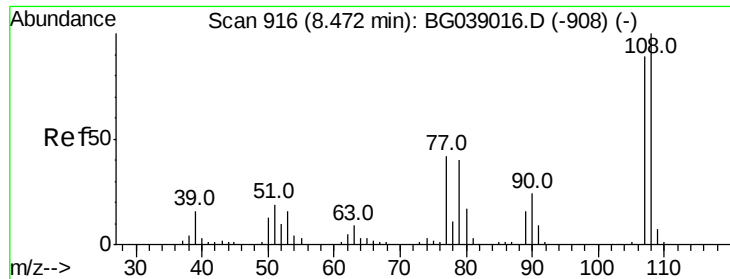
Delta R.T. 0.00 min

Lab File: BG039276.D

Acq: 25 Jan 2019 13:25

Tgt Ion	Ratio	Lower	Upper
45	100		
77	9.7	0.0	30.7
79	8.0	0.0	28.5





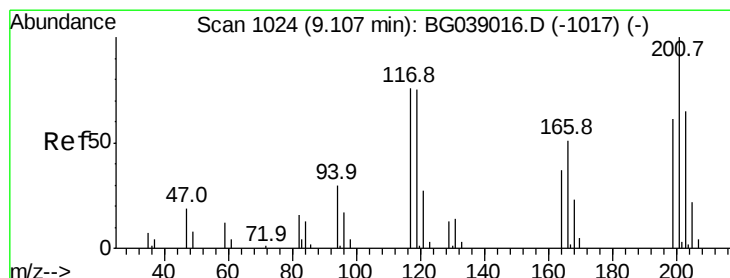
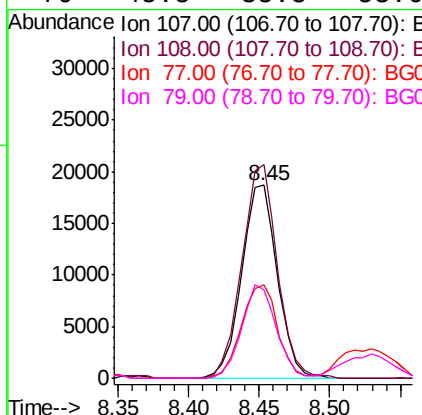
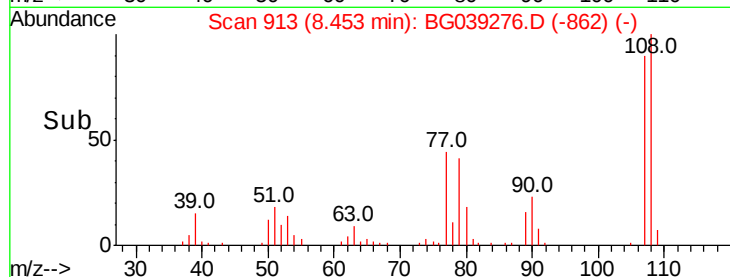
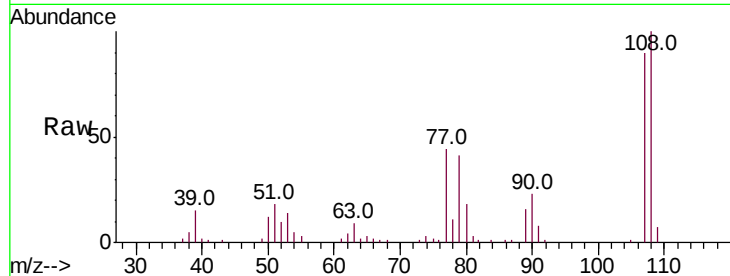
#17
2-Methylphenol
Concen: 41.443 ng
RT: 8.45 min Scan# 913
Delta R.T. 0.00 min
Lab File: BG039276.D
Acq: 25 Jan 2019 13:25

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion:	107	Resp:	33125
Ion	Ratio	Lower	Upper
107	100		
108	110.5	90.3	135.5
77	48.6	38.3	57.5
79	45.5	35.8	53.6

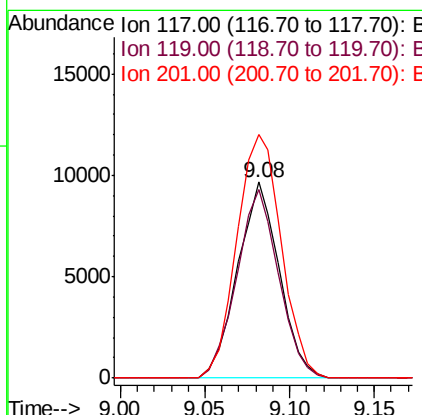
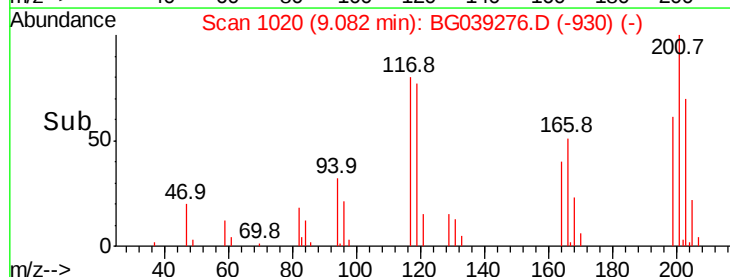
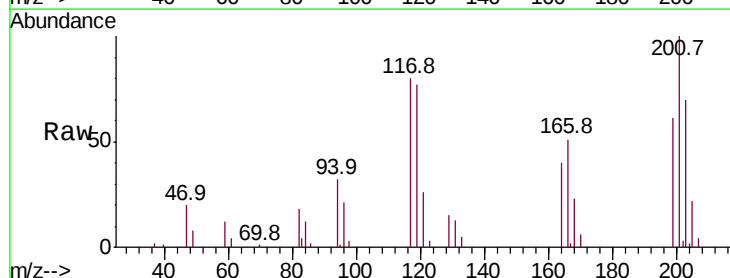
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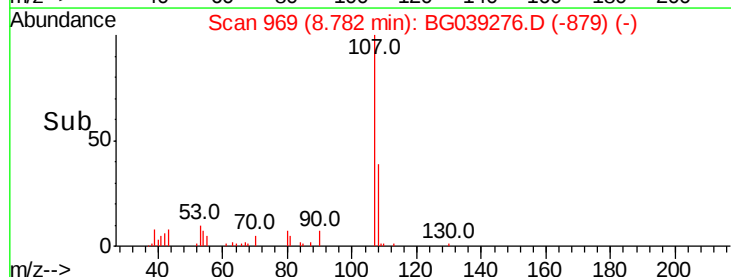
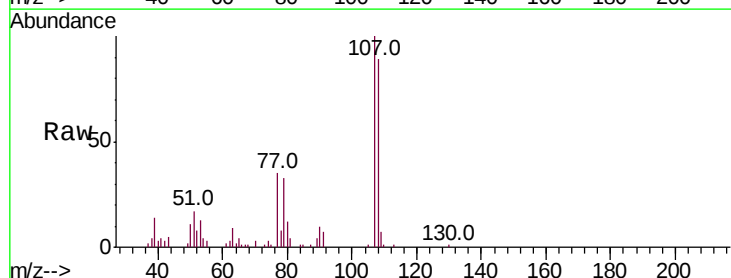
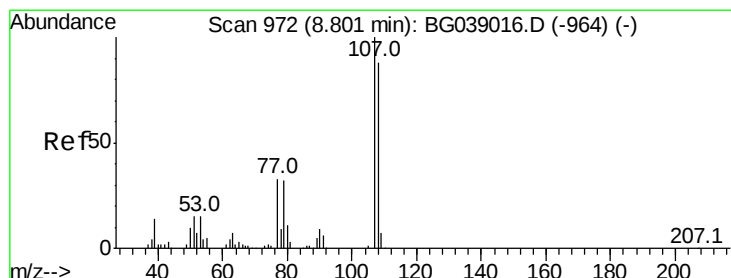
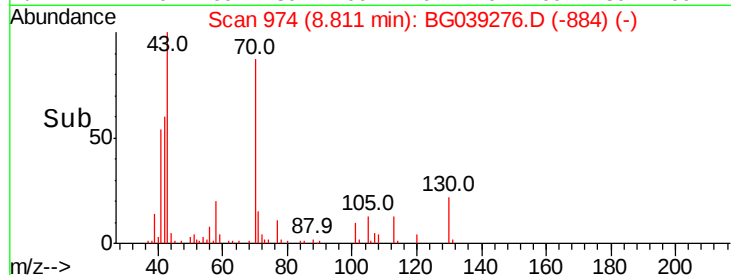
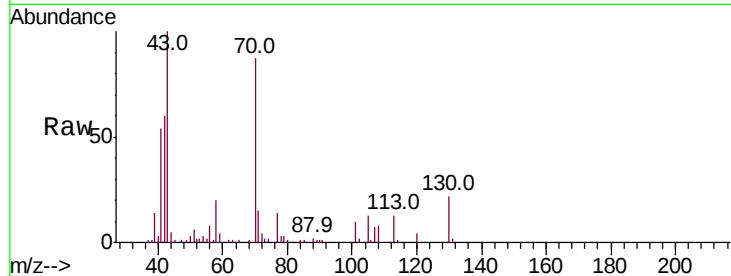
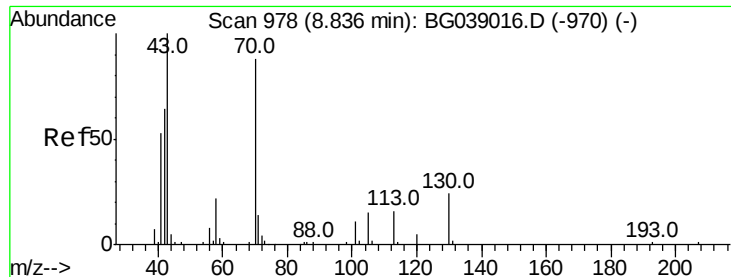
mohammad
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#18
Hexachloroethane
Concen: 42.749 ng
RT: 9.08 min Scan# 1020
Delta R.T. 0.00 min
Lab File: BG039276.D
Acq: 25 Jan 2019 13:25

Tgt Ion:	117	Resp:	16573
Ion	Ratio	Lower	Upper
117	100		
119	96.2	78.7	118.1
201	124.2	108.1	162.1





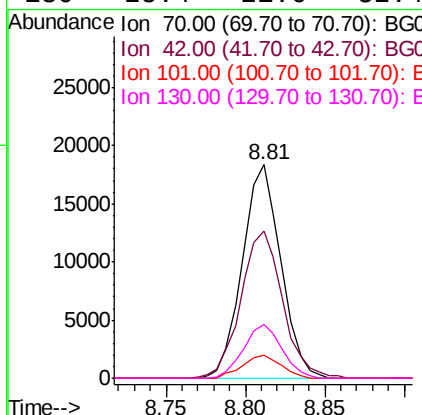
#19
n-Nitroso-di-n-propylamine
Concen: 40.955 ng
RT: 8.81 min Scan# 974
Delta R.T. 0.00 min
Lab File: BG039276.D
Acq: 25 Jan 2019 13:25

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	68.9	59.0	88.4		
101	11.1	10.4	15.6		
130	25.4	21.6	32.4		

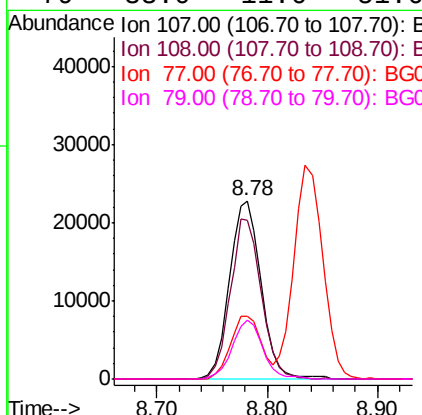
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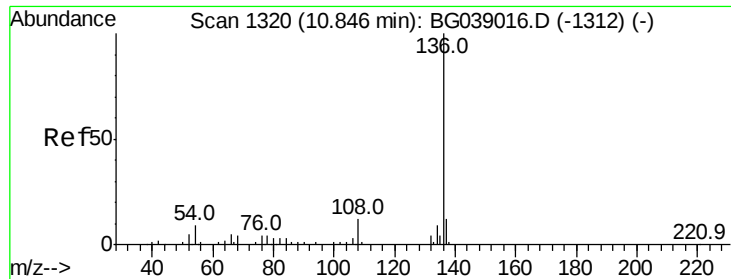
mohammad
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#20
3+4-Methylphenols
Concen: 40.172 ng
RT: 8.78 min Scan# 969
Delta R.T. 0.00 min
Lab File: BG039276.D
Acq: 25 Jan 2019 13:25

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	89.4	68.4	108.4		
77	35.0	13.3	53.3		
79	33.0	11.6	51.6		





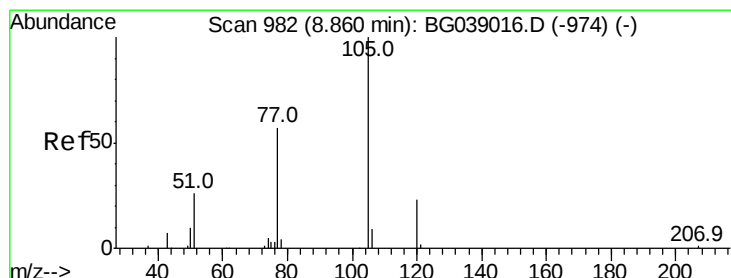
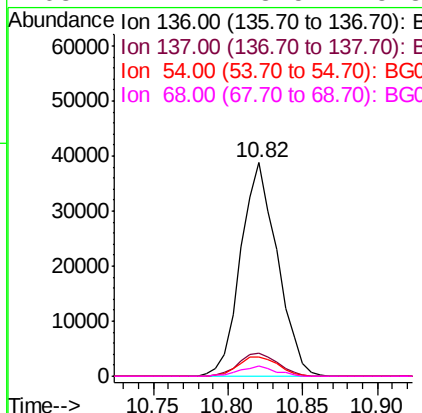
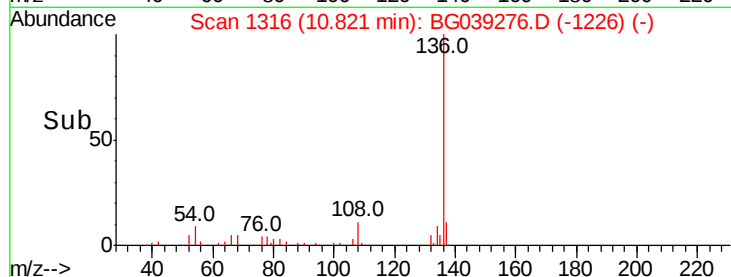
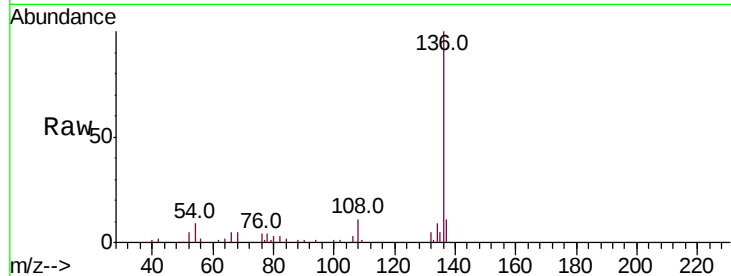
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.82 min Scan# 1316
Delta R.T. 0.00 min
Lab File: BG039276.D
Acq: 25 Jan 2019 13:25

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
136	100	66063		
137	10.9		9.4	14.2
54	8.8		7.2	10.8
68	4.7		3.5	5.3

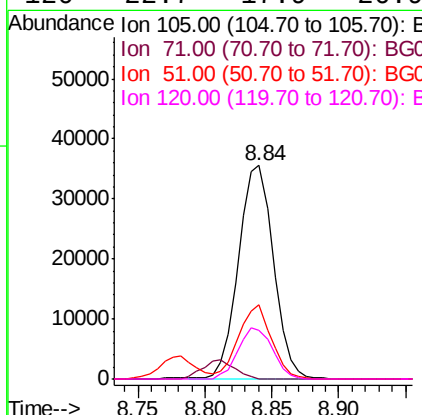
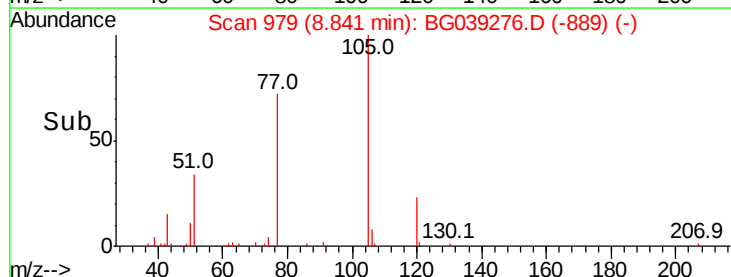
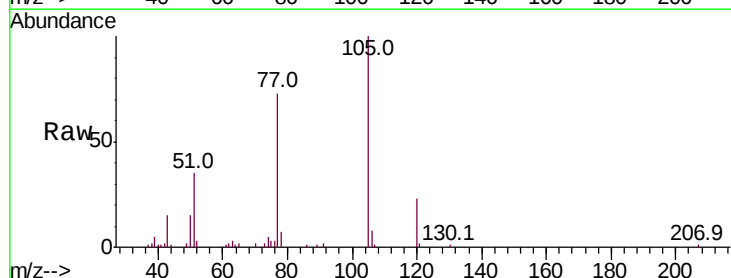
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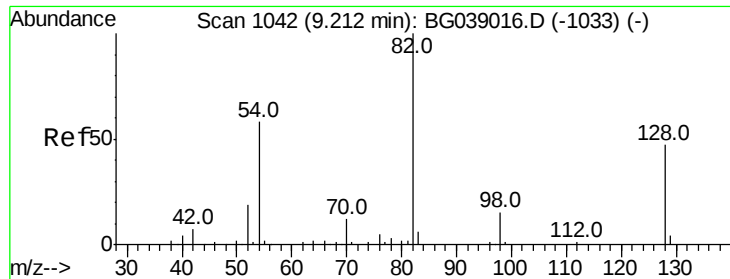
mohammad
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#22
Acetophenone
Concen: 37.533 ng
RT: 8.84 min Scan# 979
Delta R.T. 0.00 min
Lab File: BG039276.D
Acq: 25 Jan 2019 13:25

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	64753		
71	0.0		0.6	1.0#
51	34.6		26.6	39.8
120	22.7		17.9	26.9





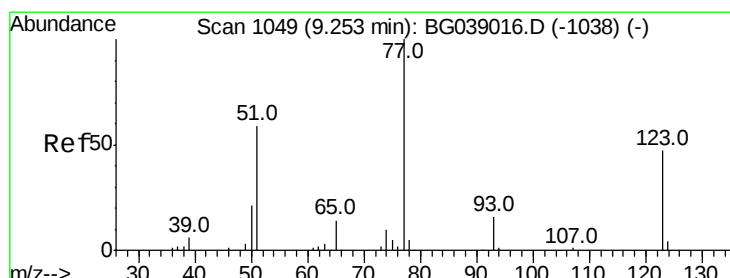
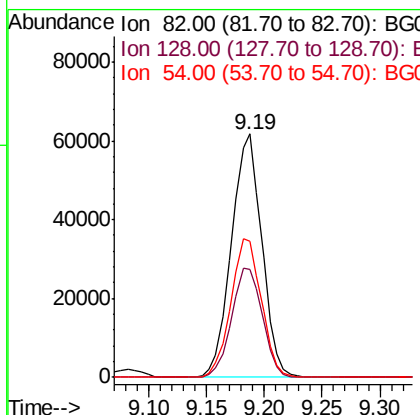
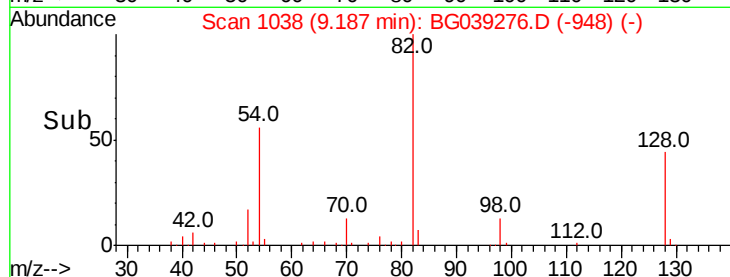
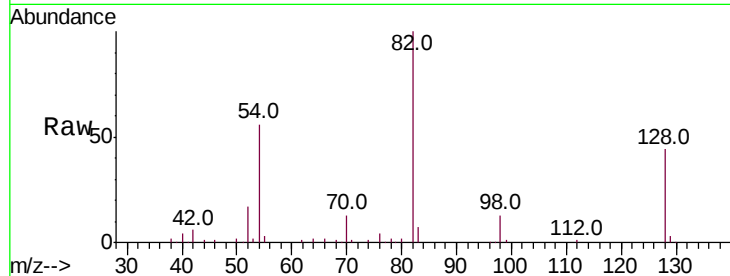
#23
Nitrobenzene-d5
Concen: 93.144 ng
RT: 9.19 min Scan# 1038
Delta R.T. 0.00 min
Lab File: BG039276.D
Acq: 25 Jan 2019 13:25

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.4	37.3	55.9
54	56.1	46.4	69.6

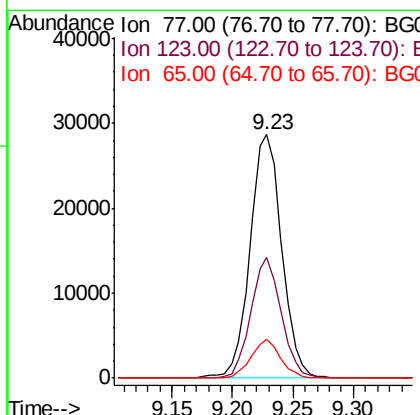
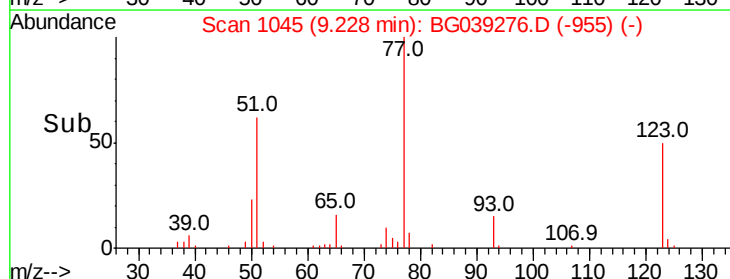
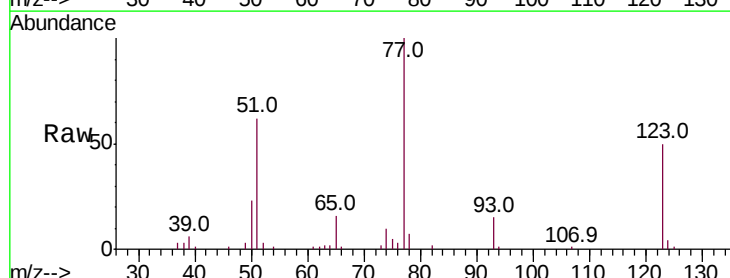
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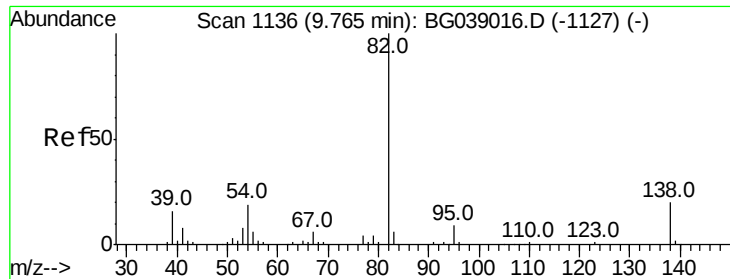
mohammad
1/29/2019 12:25:40 AM



#24
Nitrobenzene
Concen: 42.880 ng
RT: 9.23 min Scan# 1045
Delta R.T. 0.00 min
Lab File: BG039276.D
Acq: 25 Jan 2019 13:25

Tgt Ion	Ratio	Lower	Upper
77	100		
123	49.8	37.6	56.4
65	16.0	11.0	16.6





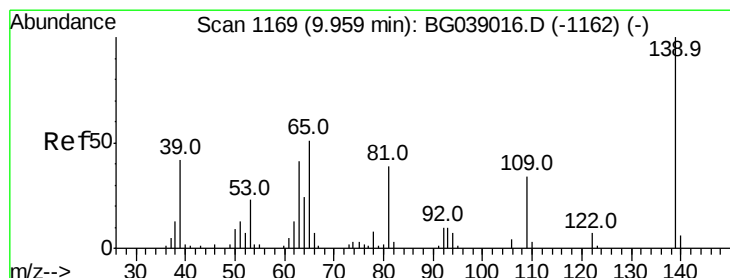
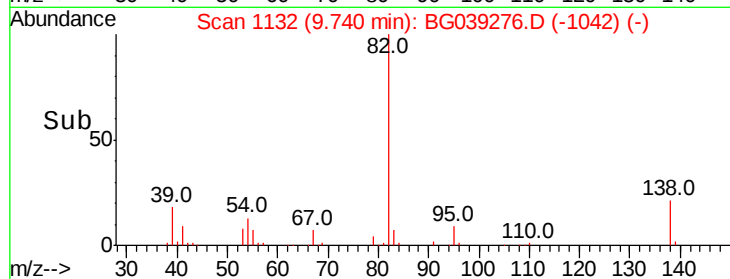
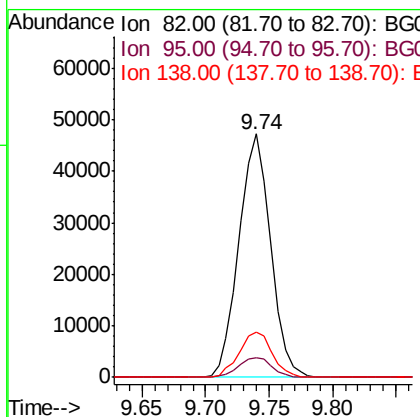
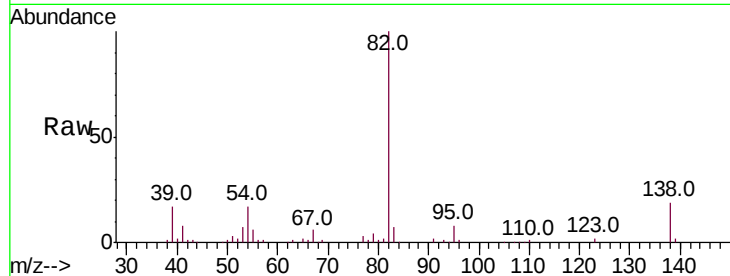
#25
Isophorone
Concen: 39.466 ng
RT: 9.74 min Scan# 1132
Delta R.T. 0.00 min
Lab File: BG039276.D
Acq: 25 Jan 2019 13:25

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
82	100		
95	7.9	7.0	10.6
138	18.8	16.2	24.4

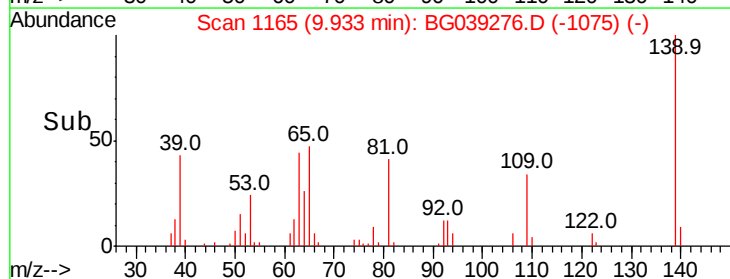
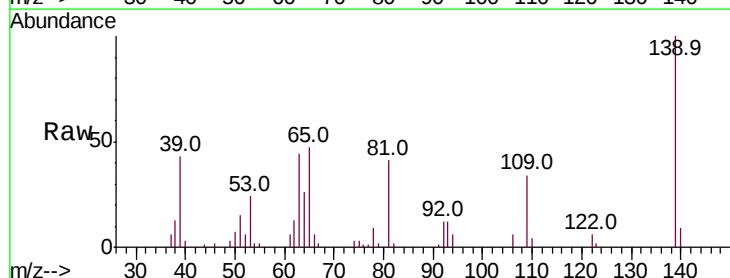
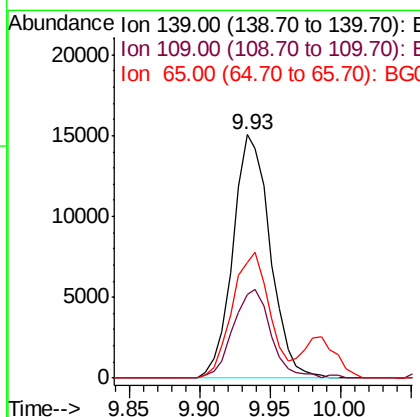
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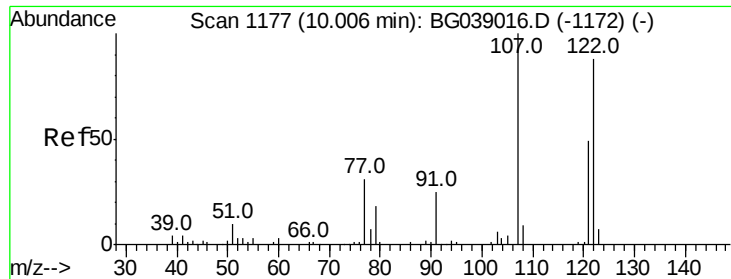
mohammad
1/29/2019 12:25:40 AM



#26
2-Nitrophenol
Concen: 41.910 ng
RT: 9.93 min Scan# 1165
Delta R.T. 0.00 min
Lab File: BG039276.D
Acq: 25 Jan 2019 13:25

Tgt Ion	Ratio	Lower	Upper
139	100		
109	34.1	27.3	40.9
65	47.3	40.6	61.0





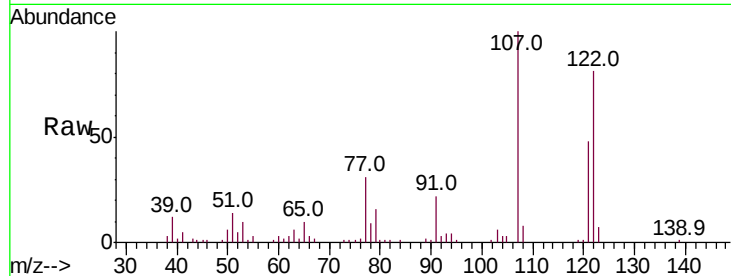
#27
2,4-Dimethylphenol
Concen: 40.752 ng
RT: 9.99 min Scan# 1174
Delta R.T. 0.00 min
Lab File: BG039276.D
Acq: 25 Jan 2019 13:25

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
122	100		
107	123.1	88.8	133.2
121	59.3	43.1	64.7

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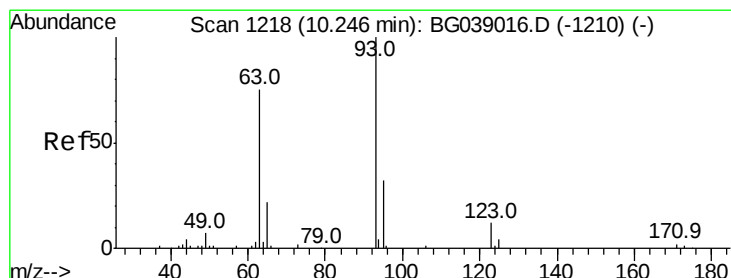
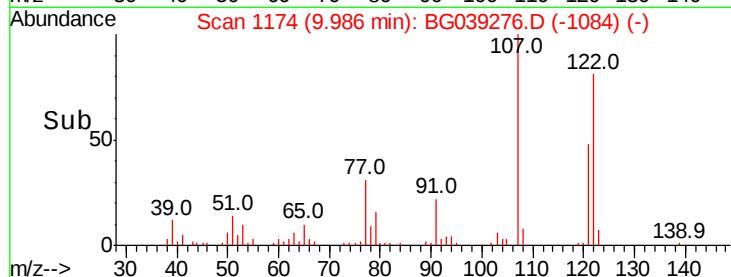
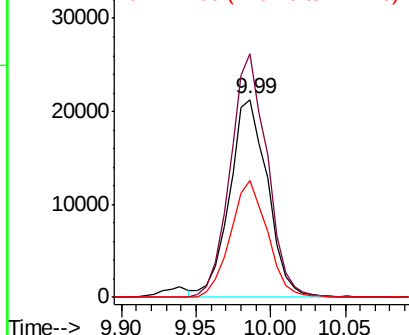


Abundance

Ion 122.00 (121.70 to 122.70): E

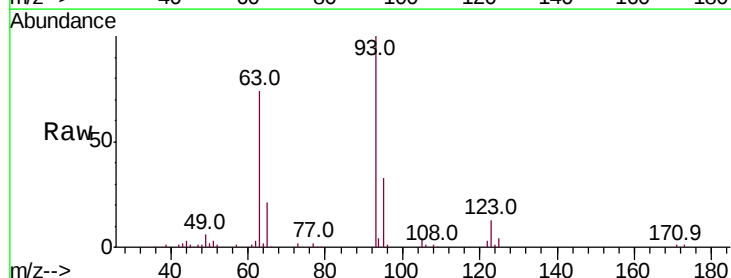
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
bis(2-Chloroethoxy)methane
Concen: 55.107 ng
RT: 10.22 min Scan# 1214
Delta R.T. 0.00 min
Lab File: BG039276.D
Acq: 25 Jan 2019 13:25

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.4	25.6	38.4
123	12.7	10.1	15.1

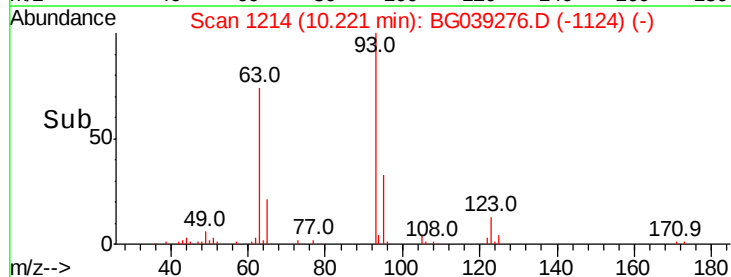
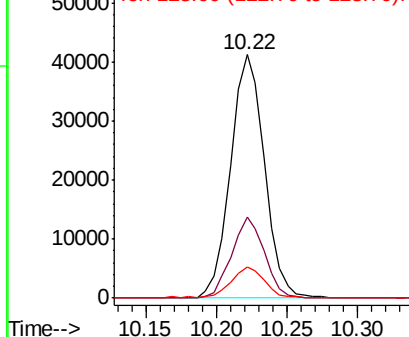


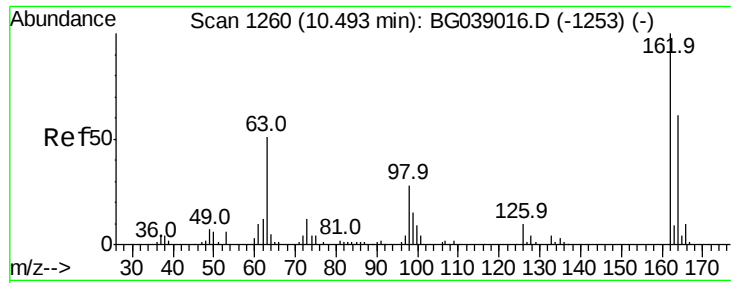
Abundance

Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E





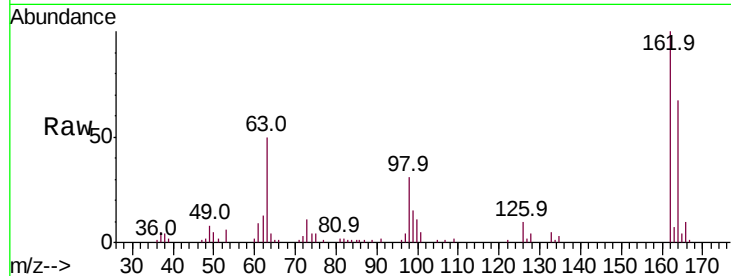
#29
 2,4-Dichlorophenol
 Concen: 45.376 ng
 RT: 10.47 min Scan# 1257
 Delta R.T. 0.00 min
 Lab File: BG039276.D
 Acq: 25 Jan 2019 13:25

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
162	100	52348		
164	67.0		41.3	81.3
98	31.2		8.3	48.3

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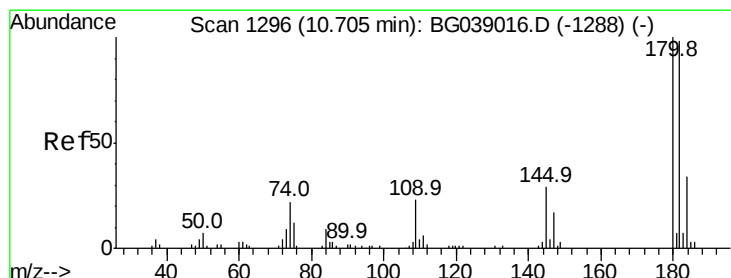
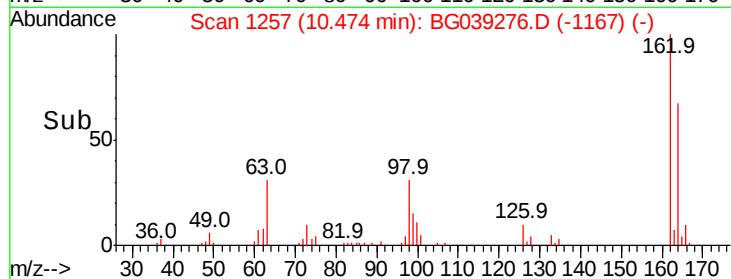
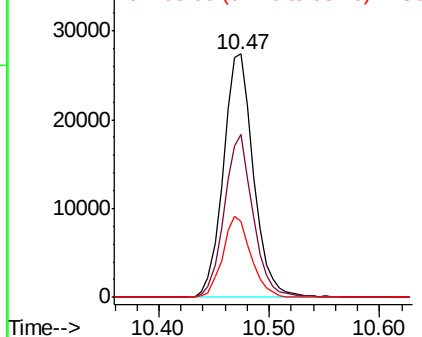


Abundance

Ion 162.00 (161.70 to 162.70): E

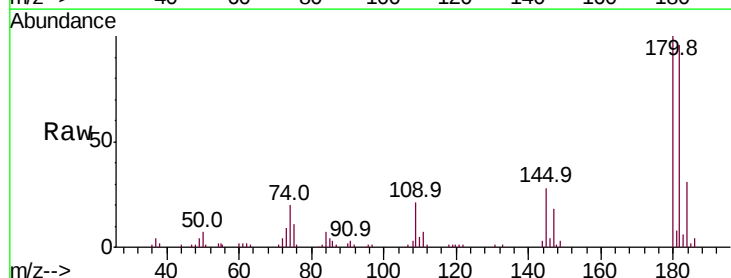
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BGC



#30
 1,2,4-Trichlorobenzene
 Concen: 41.816 ng
 RT: 10.68 min Scan# 1292
 Delta R.T. 0.00 min
 Lab File: BG039276.D
 Acq: 25 Jan 2019 13:25

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	57963		
182	96.2		78.1	117.1
145	27.8		23.1	34.7

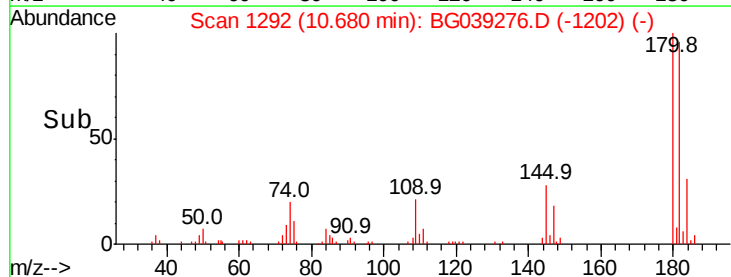
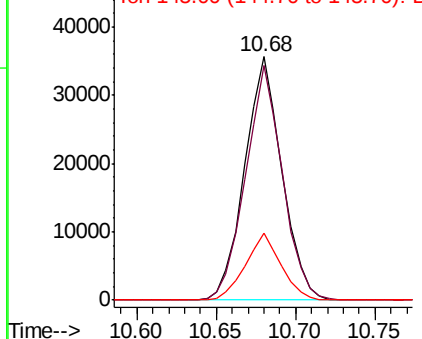


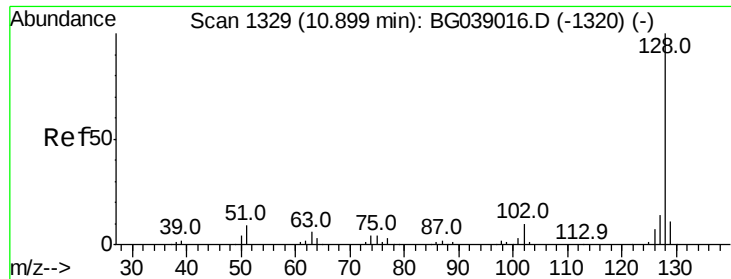
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





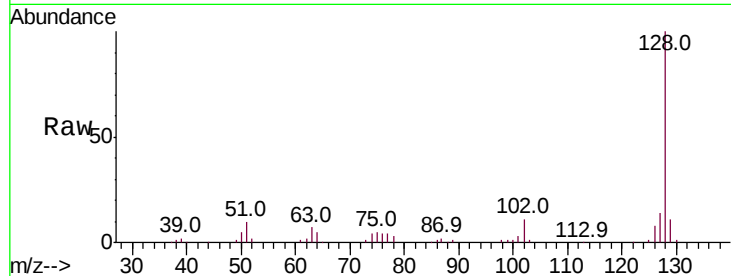
#31
Naphthalene
Concen: 39.457 ng
RT: 10.87 min Scan# 1324
Delta R.T. 0.00 min
Lab File: BG039276.D
Acq: 25 Jan 2019 13:25

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

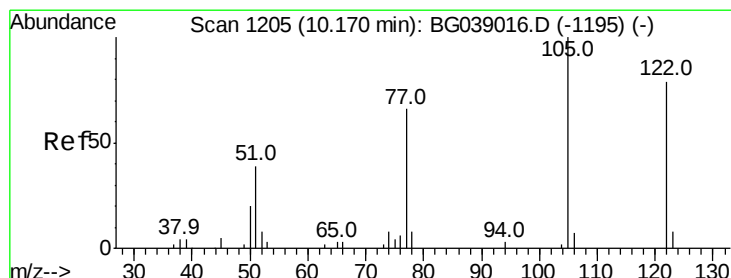
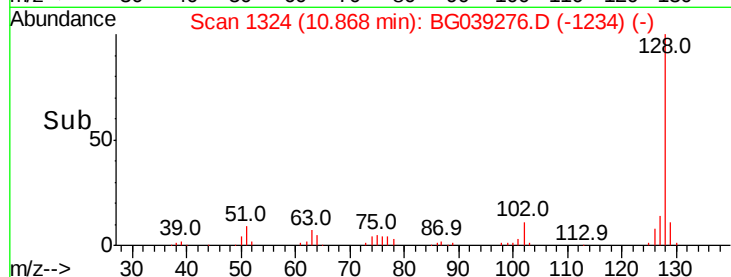
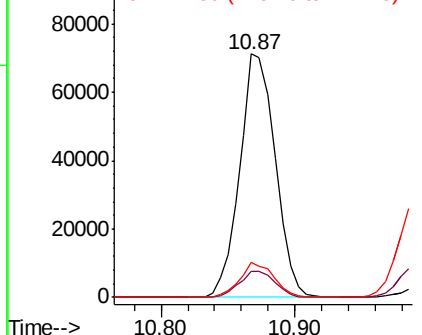
Tot Ion	Ratio	Lower	Upper
128	100		
129	10.8	9.1	13.7
127	14.4	11.2	16.8

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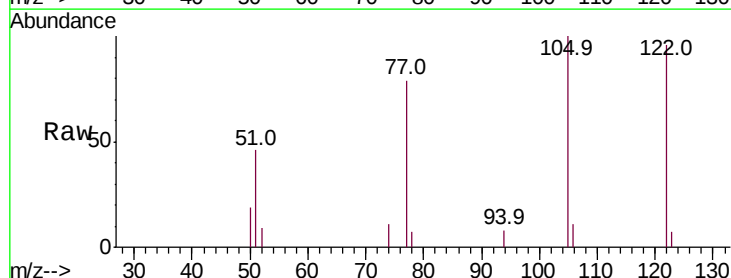


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

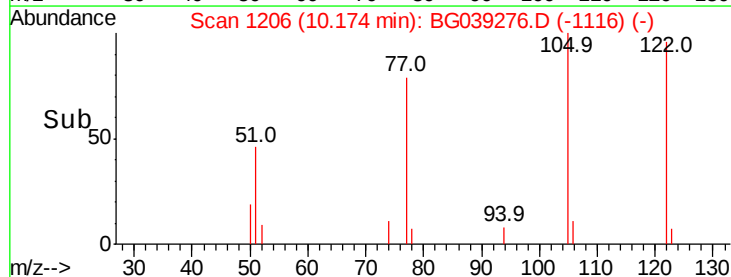
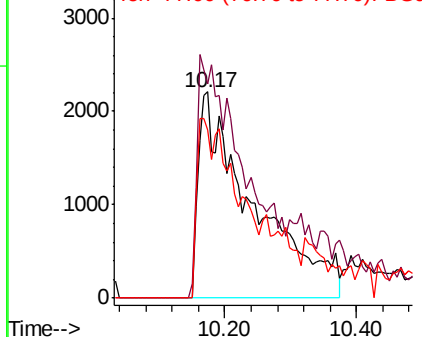


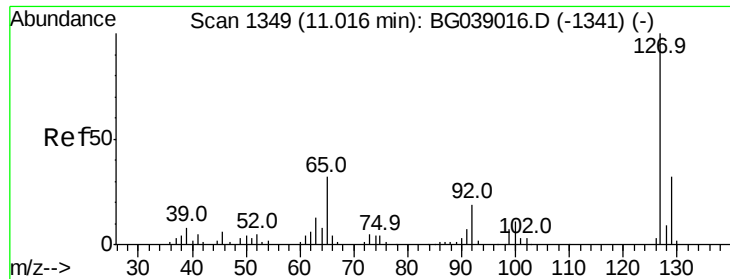
#32
Benzoic acid
Concen: 27.293 ng m
RT: 10.17 min Scan# 1206
Delta R.T. 0.00 min
Lab File: BG039276.D
Acq: 25 Jan 2019 13:25

Tgt Ion	Ratio	Lower	Upper
122	100		
105	104.0	106.4	146.4#
77	81.7	63.6	103.6



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BGC





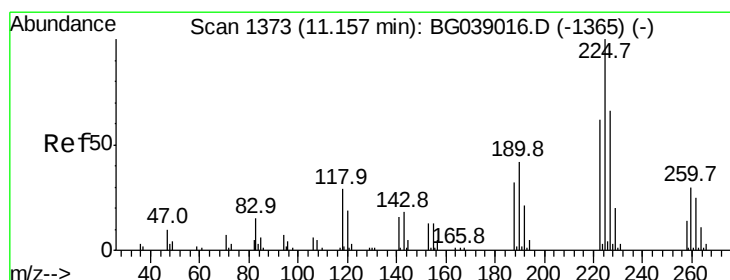
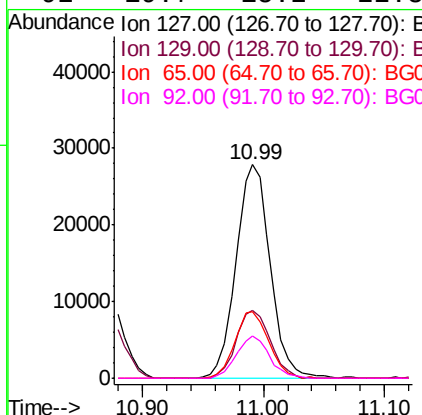
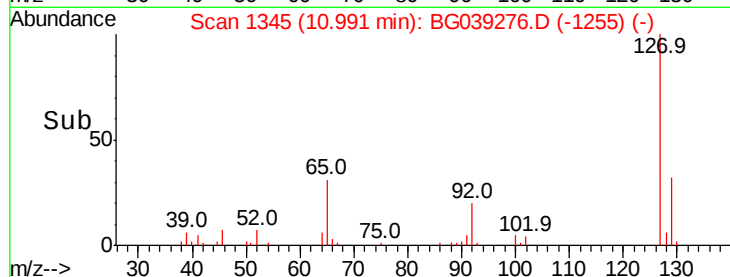
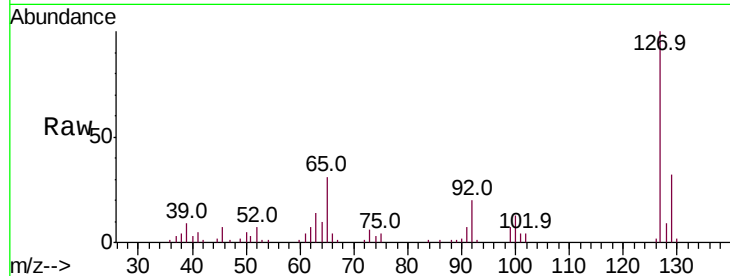
#33
4-Chloroaniline
Concen: 37.081 ng
RT: 10.99 min Scan# 1345
Delta R.T. 0.00 min
Lab File: BG039276.D
Acq: 25 Jan 2019 13:25

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
127	100		
129	32.0	25.4	38.0
65	31.1	25.4	38.0
92	19.7	15.2	22.8

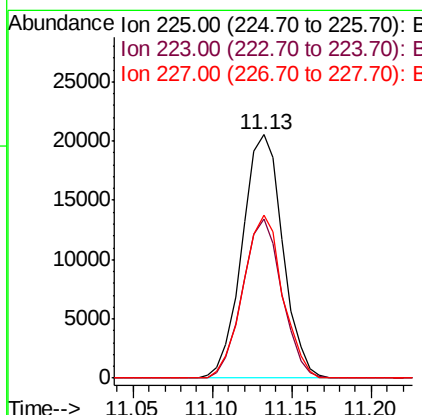
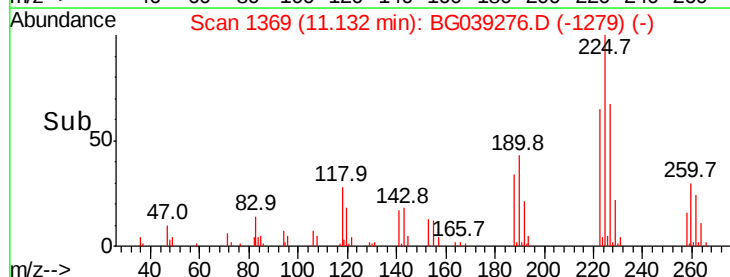
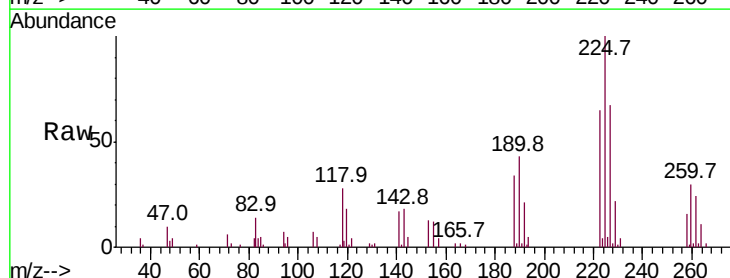
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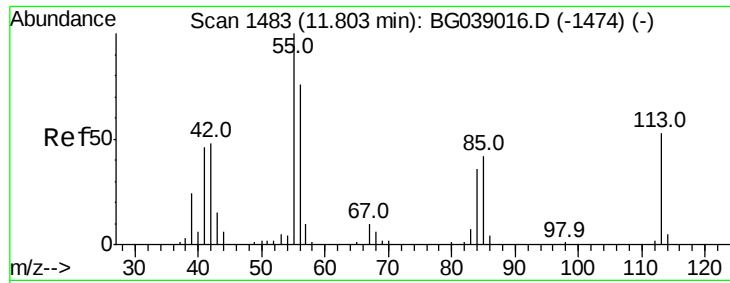
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#34
Hexachlorobutadiene
Concen: 38.171 ng
RT: 11.13 min Scan# 1369
Delta R.T. 0.00 min
Lab File: BG039276.D
Acq: 25 Jan 2019 13:25

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.2	50.2	75.4
227	69.3	53.2	79.8





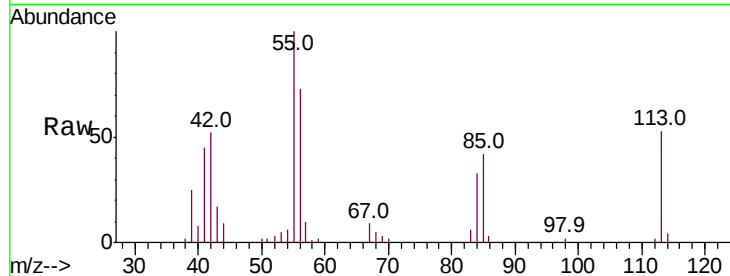
#35
Caprolactam
Concen: 34.351 ng
RT: 11.78 min Scan# 1479
Delta R.T. 0.00 min
Lab File: BG039276.D
Acq: 25 Jan 2019 13:25

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

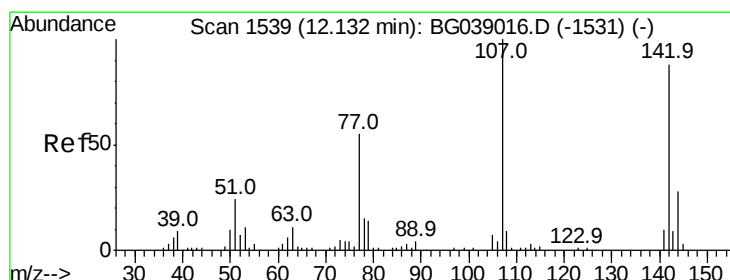
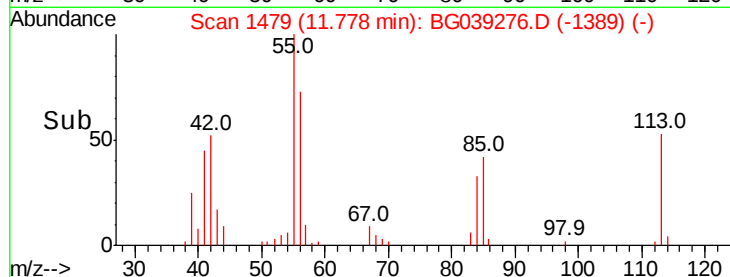
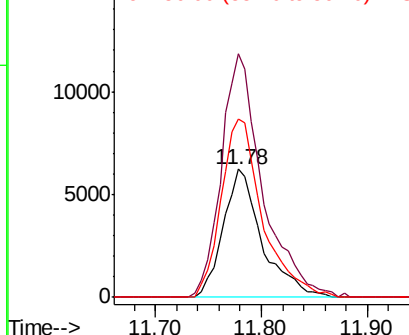
Tot Ion	Ratio	Lower	Upper
113	100		
55	190.0	168.6	208.6
56	139.6	123.2	163.2

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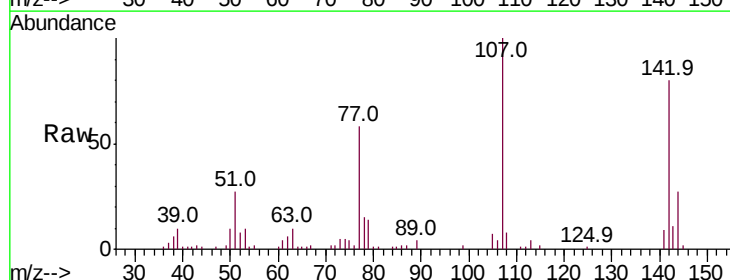


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BG
Ion 56.00 (55.70 to 56.70): BG

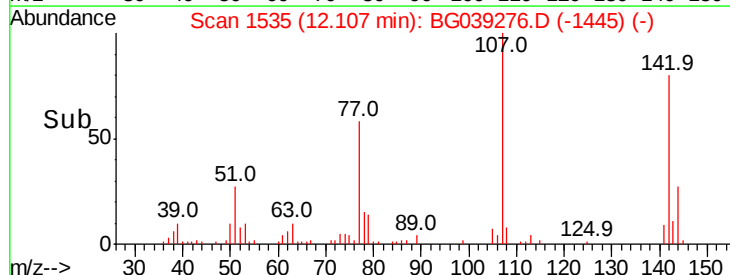
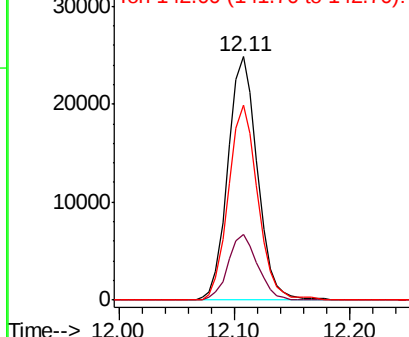


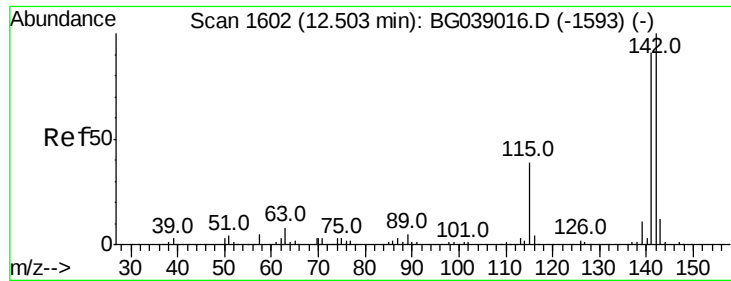
#36
4-Chloro-3-methylphenol
Concen: 35.750 ng
RT: 12.11 min Scan# 1535
Delta R.T. 0.00 min
Lab File: BG039276.D
Acq: 25 Jan 2019 13:25

Tgt Ion	Ratio	Lower	Upper
107	100		
144	27.1	22.6	34.0
142	80.2	70.2	105.4



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E





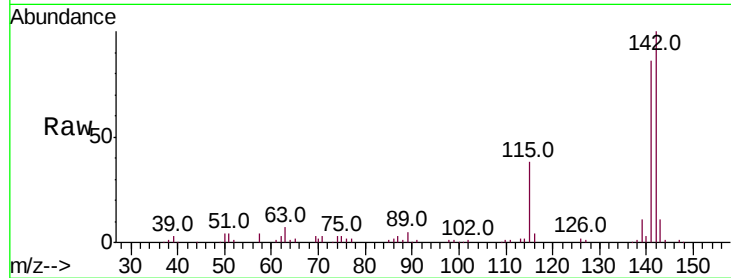
#37
 2-Methylnaphthalene
 Concen: 35.941 ng
 RT: 12.47 min Scan# 1597
 Delta R.T. 0.00 min
 Lab File: BG039276.D
 Acq: 25 Jan 2019 13:25

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	85.7	72.6	109.0
115	37.5	31.1	46.7

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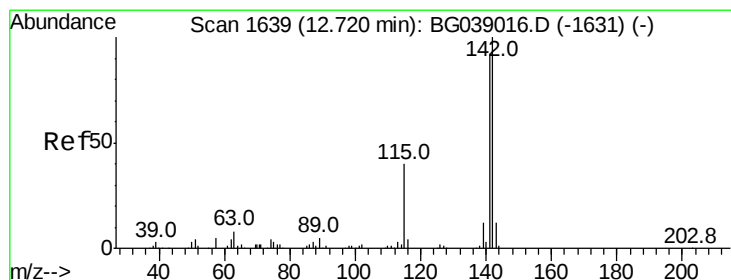
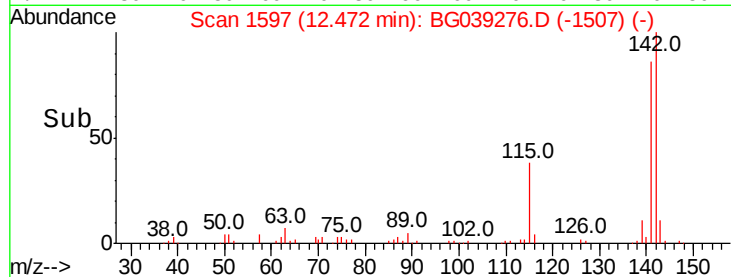
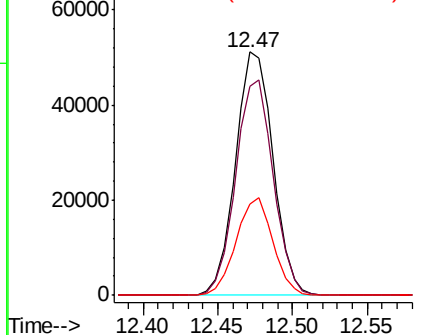


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
 1-Methylnaphthalene
 Concen: 36.007 ng
 RT: 12.69 min Scan# 1635
 Delta R.T. 0.00 min
 Lab File: BG039276.D
 Acq: 25 Jan 2019 13:25

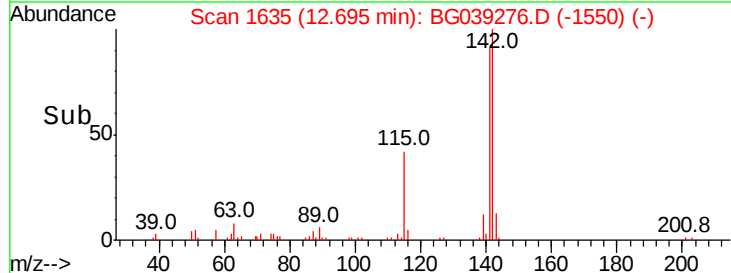
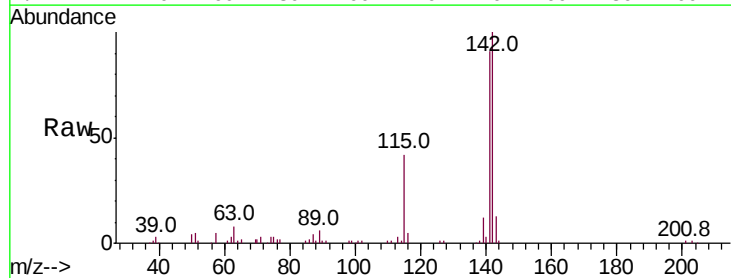
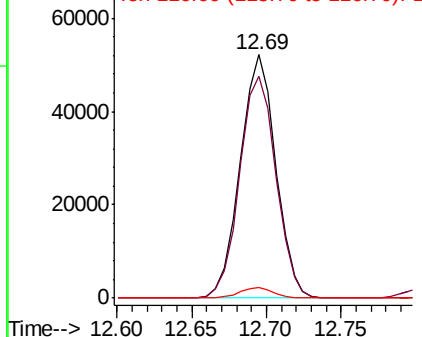
Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.1	73.3	109.9
116	4.6	3.1	4.7

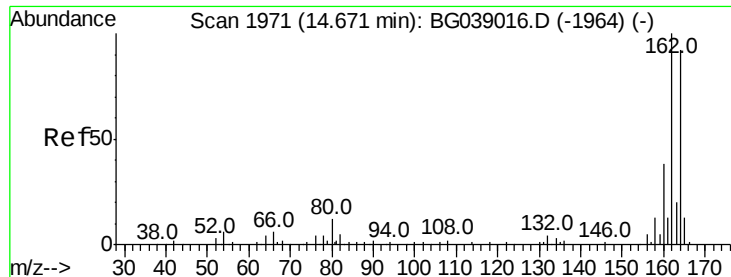
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.65 min Scan# 1967

Delta R.T. 0.00 min

Lab File: BG039276.D

Acq: 25 Jan 2019 13:25

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion:164 Resp: 41932

Ion Ratio Lower Upper

164 100

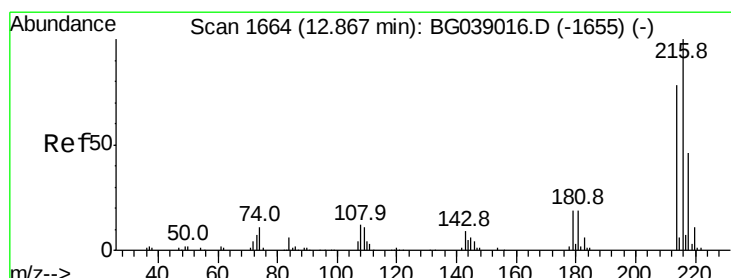
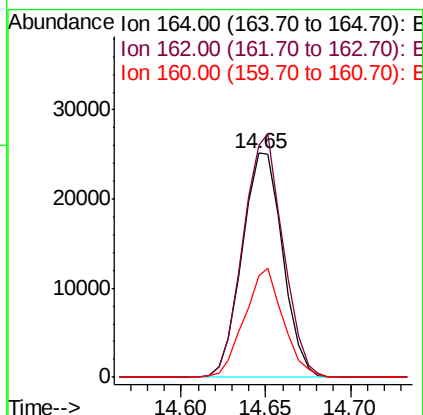
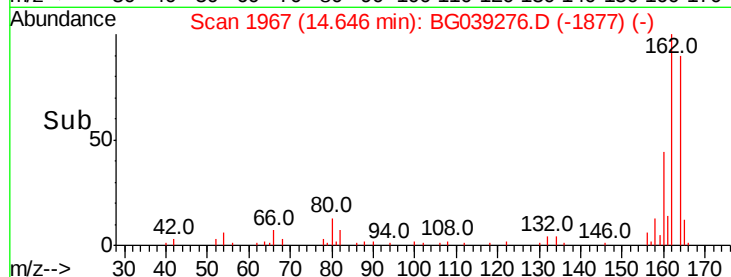
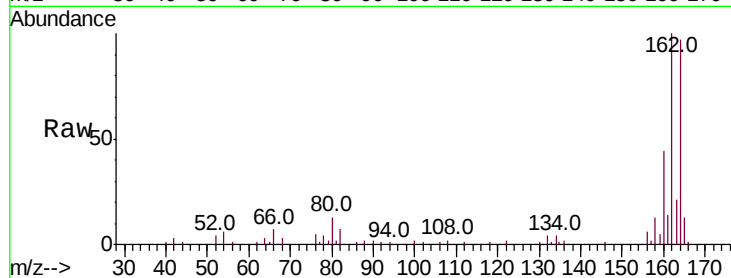
162 103.6 87.2 130.8

160 45.2 33.3 49.9

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.616 ng

RT: 12.84 min Scan# 1660

Delta R.T. 0.00 min

Lab File: BG039276.D

Acq: 25 Jan 2019 13:25

Tgt Ion:216 Resp: 65537

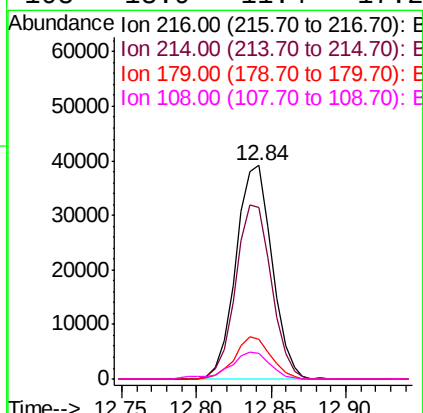
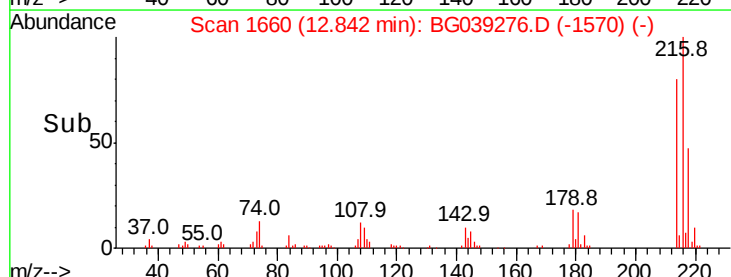
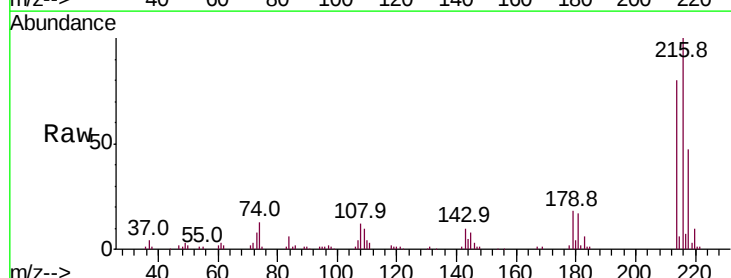
Ion Ratio Lower Upper

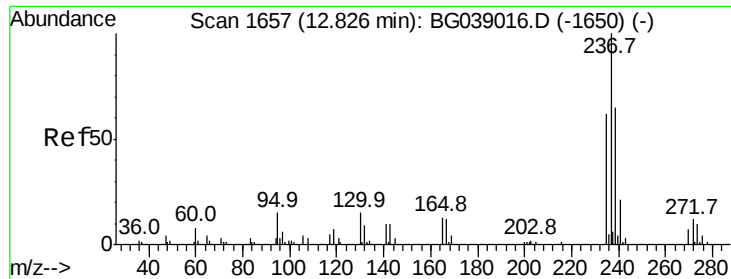
216 100

214 81.1 63.4 95.2

179 19.5 15.5 23.3

108 13.9 11.4 17.2





#41

Hexachlorocyclopentadiene

Concen: 36.754 ng

RT: 12.81 min Scan# 1654

Delta R.T. 0.00 min

Lab File: BG039276.D

Acq: 25 Jan 2019 13:25

Instrument :

BNA_G

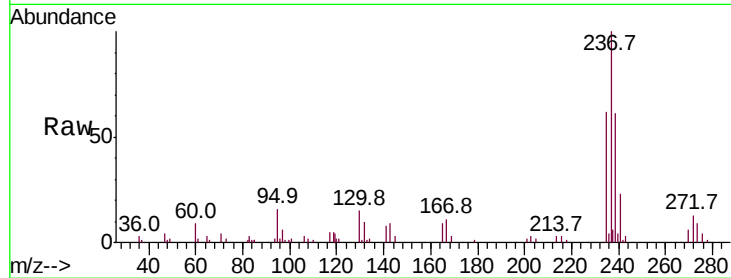
ClientSampleId :

SSTDCCC040

Tot Ion:	237	Resp:	29637
Ion Ratio	Lower	Upper	
237	100		
235	61.6	41.7	81.7
272	12.9	0.0	32.1

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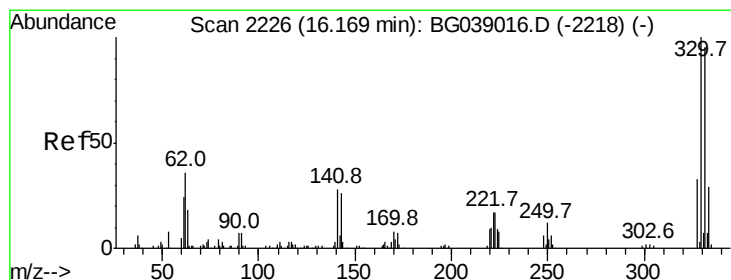
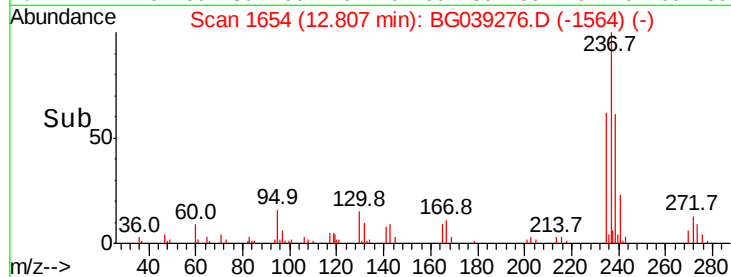
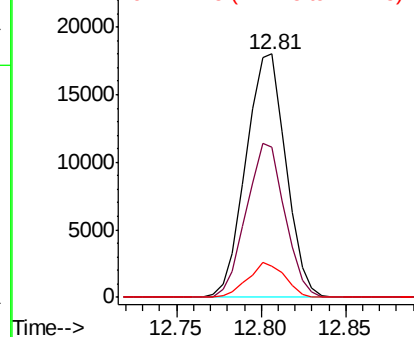


Abundance

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: 80.864 ng

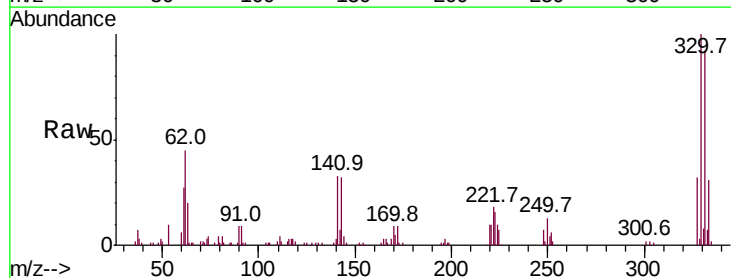
RT: 16.14 min Scan# 2221

Delta R.T. 0.00 min

Lab File: BG039276.D

Acq: 25 Jan 2019 13:25

Tgt Ion:	330	Resp:	56839
Ion Ratio	Lower	Upper	
330	100		
332	95.5	75.7	113.5
141	30.9	24.9	37.3

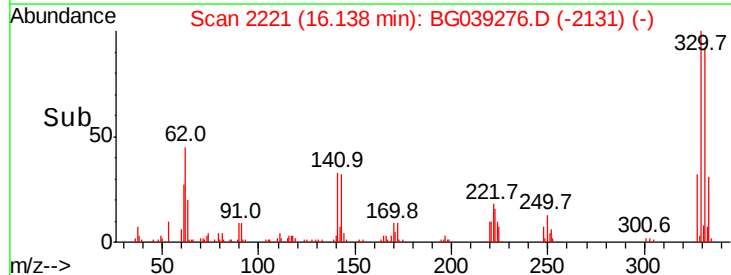
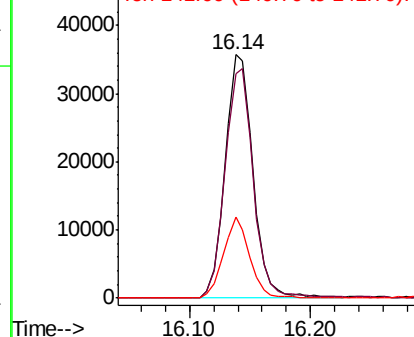


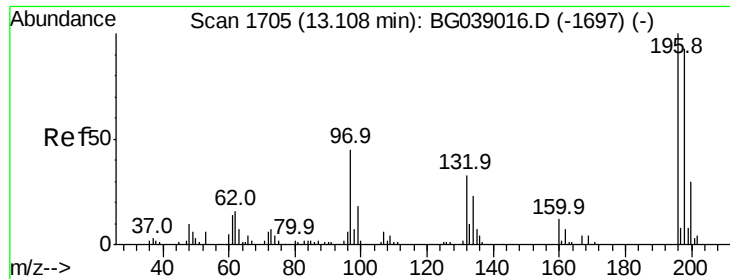
Abundance

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





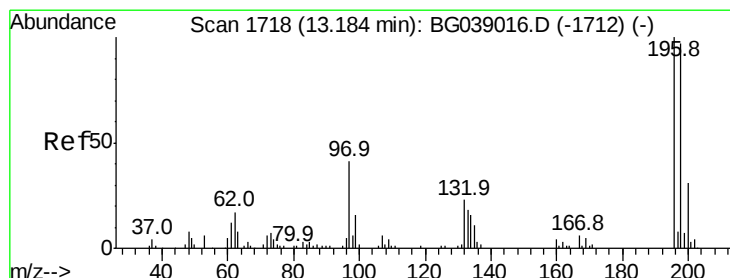
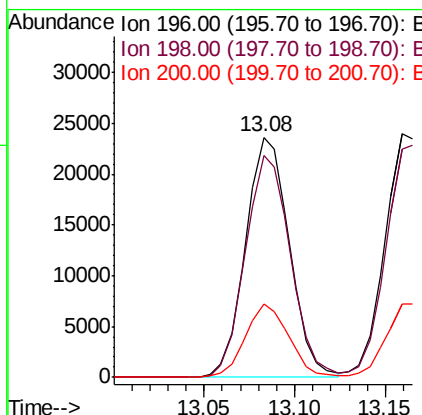
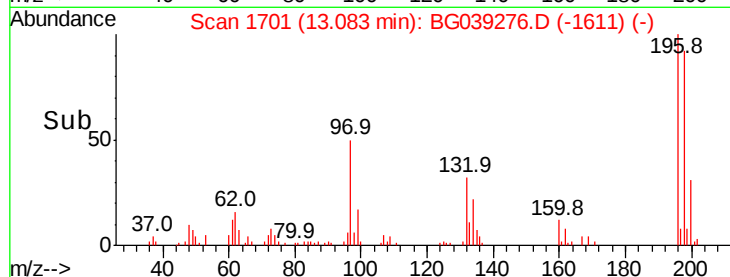
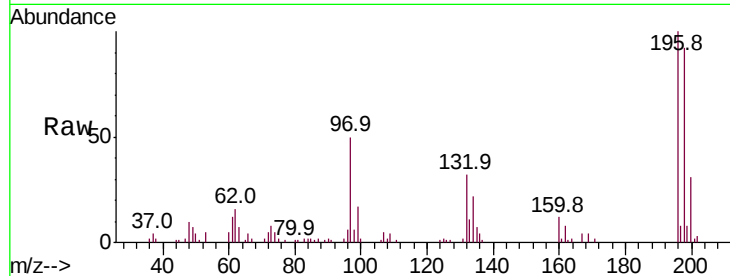
#43
 2,4,6-Trichlorophenol
 Concen: 40.119 ng
 RT: 13.08 min Scan# 1701
 Delta R.T. 0.00 min
 Lab File: BG039276.D
 Acq: 25 Jan 2019 13:25

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
196	100	39763		
198	92.4	74.5	111.7	
200	30.6	23.8	35.6	

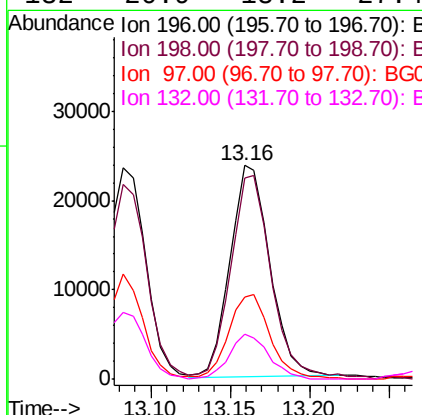
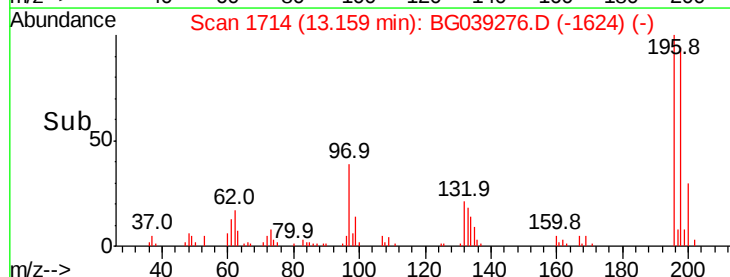
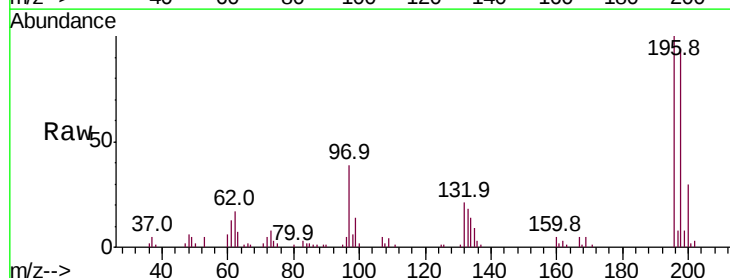
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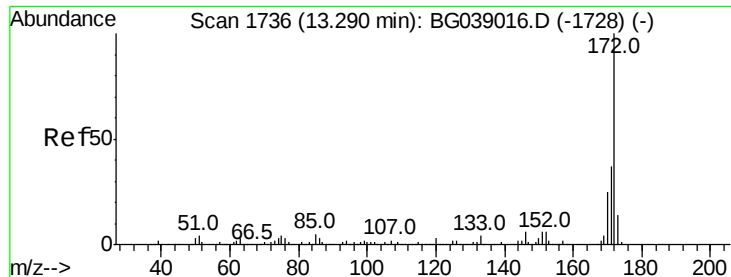
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 39.450 ng
 RT: 13.16 min Scan# 1714
 Delta R.T. 0.00 min
 Lab File: BG039276.D
 Acq: 25 Jan 2019 13:25

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	41326		
198	93.9	78.1	117.1	
97	38.6	33.2	49.8	
132	20.9	18.2	27.4	





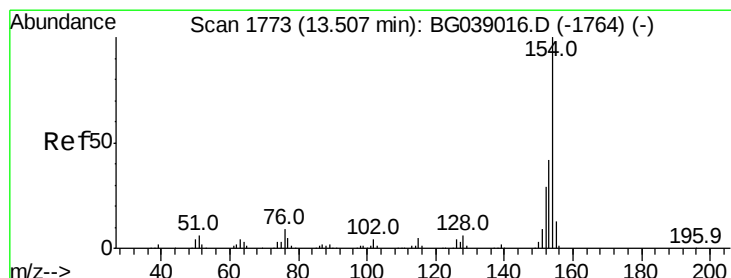
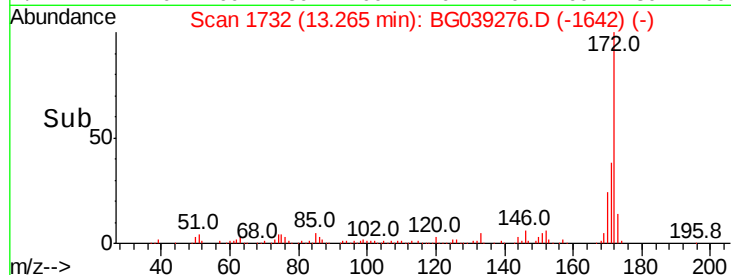
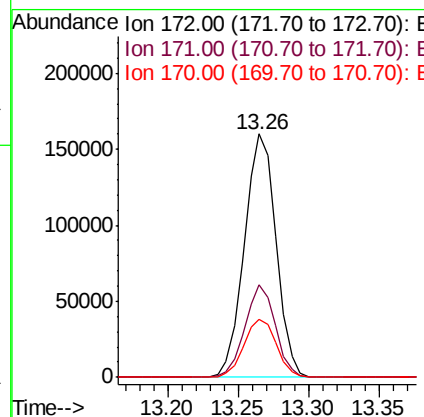
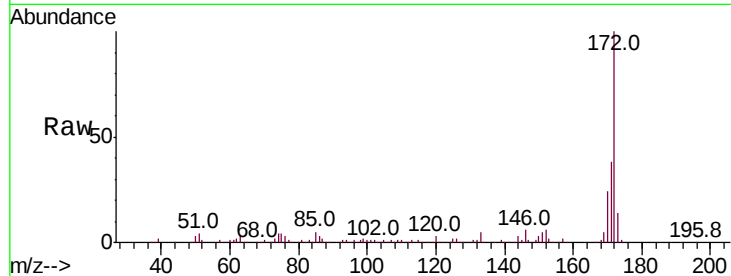
#45
2-Fluorobiphenyl
Concen: 81.950 ng
RT: 13.26 min Scan# 1732
Delta R.T. 0.00 min
Lab File: BG039276.D
Acq: 25 Jan 2019 13:25

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.0	29.4	44.0
170	23.9	20.1	30.1

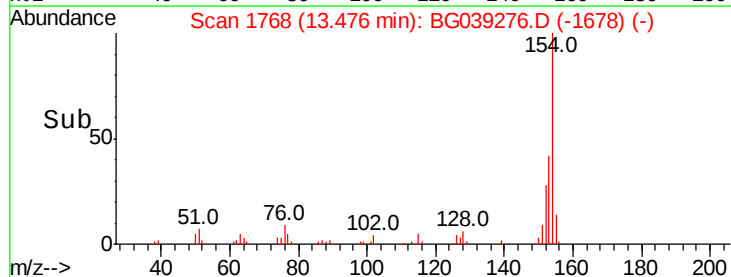
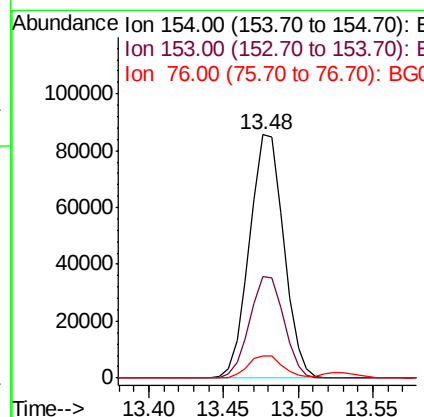
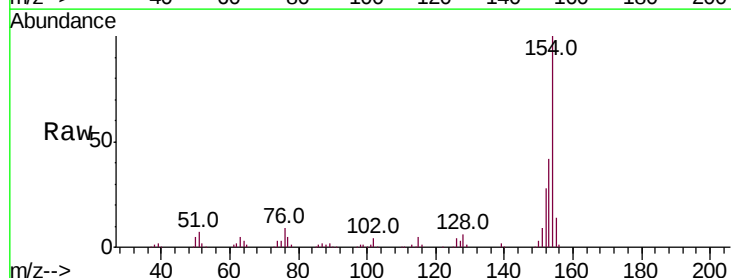
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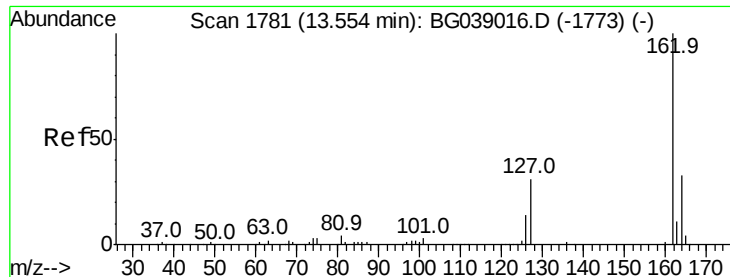
mohammad
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#46
1,1'-Biphenyl
Concen: 40.849 ng
RT: 13.48 min Scan# 1768
Delta R.T. 0.00 min
Lab File: BG039276.D
Acq: 25 Jan 2019 13:25

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.6	22.4	62.4
76	9.3	0.0	29.4





#47

2-Chloronaphthalene

Concen: 40.245 ng

RT: 13.53 min Scan# 1777

Delta R.T. 0.00 min

Lab File: BG039276.D

Acq: 25 Jan 2019 13:25

Instrument :

BNA_G

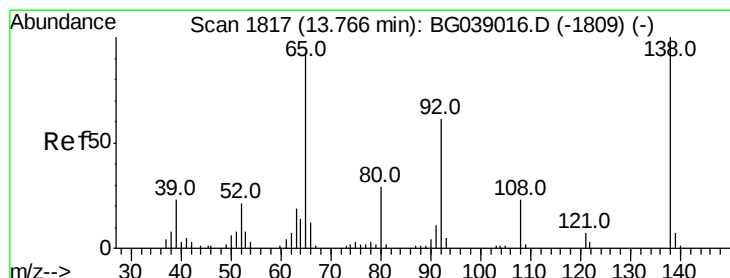
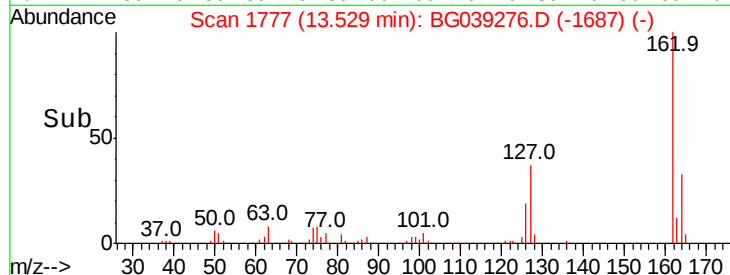
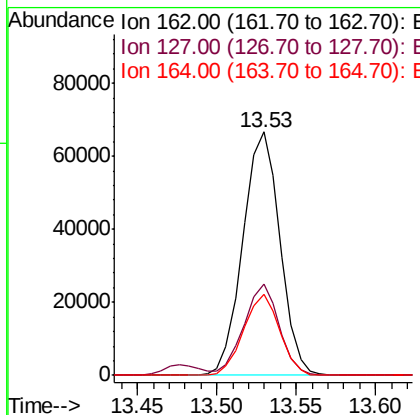
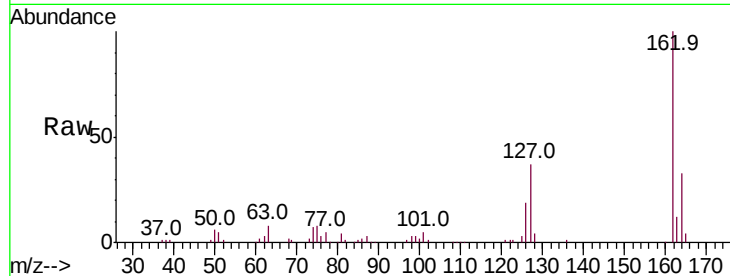
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Lower	Upper
162	100		
127	37.4	28.4	42.6
164	33.3	26.3	39.5

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#48

2-Nitroaniline

Concen: 41.476 ng

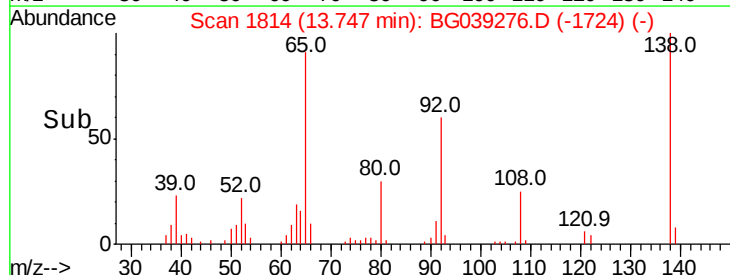
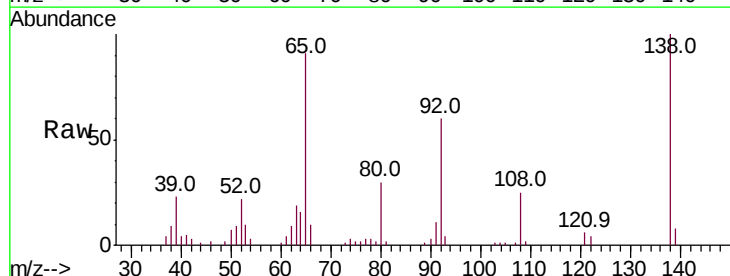
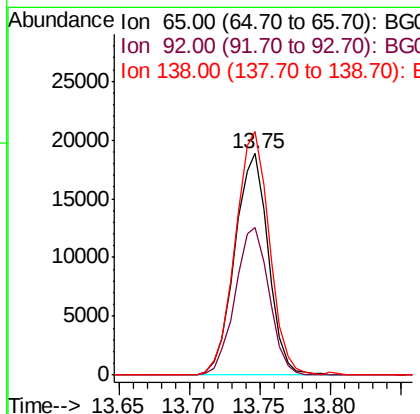
RT: 13.75 min Scan# 1814

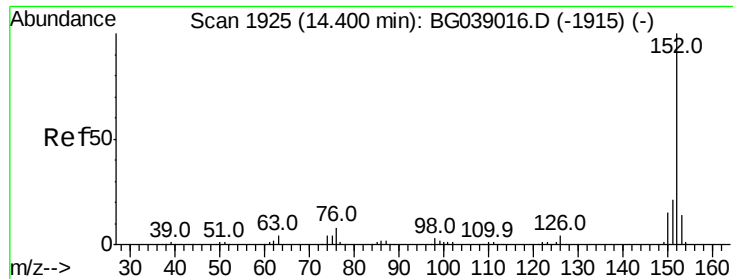
Delta R.T. 0.00 min

Lab File: BG039276.D

Acq: 25 Jan 2019 13:25

Tgt Ion	Ratio	Lower	Upper
65	100		
92	66.5	52.2	78.4
138	110.0	86.0	129.0





#49

Acenaphthylene

Concen: 40.559 ng

RT: 14.38 min Scan# 1921

Delta R.T. 0.00 min

Lab File: BG039276.D

Acq: 25 Jan 2019 13:25

Instrument :

BNA_G

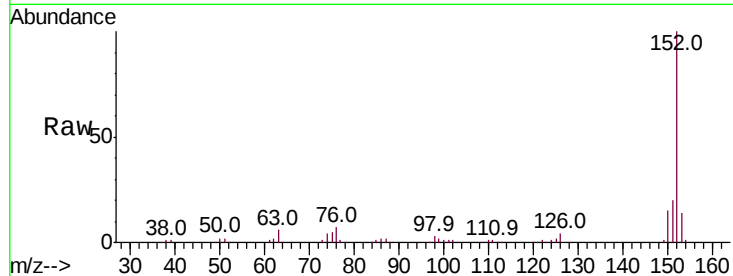
ClientSampleId :

SSTDCCC040

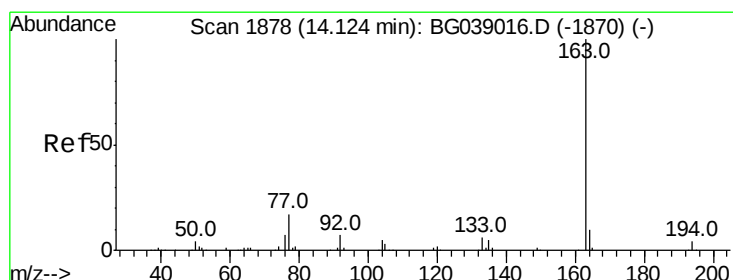
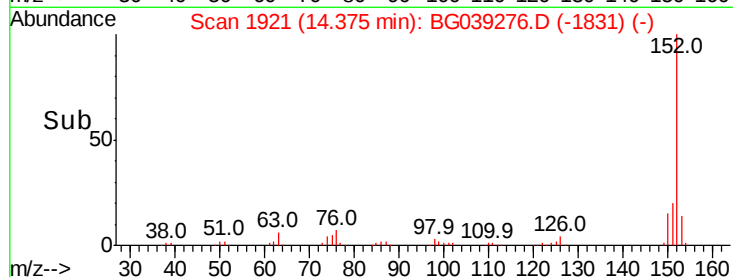
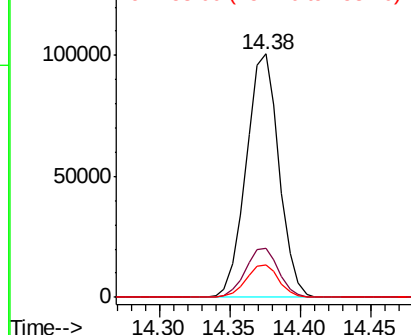
Tot Ion:	152	Resp:	163912
Ion Ratio	Lower	Upper	
152	100		
151	20.0	17.0	25.4
153	13.5	11.2	16.8

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



#50

Dimethylphthalate

Concen: 40.650 ng

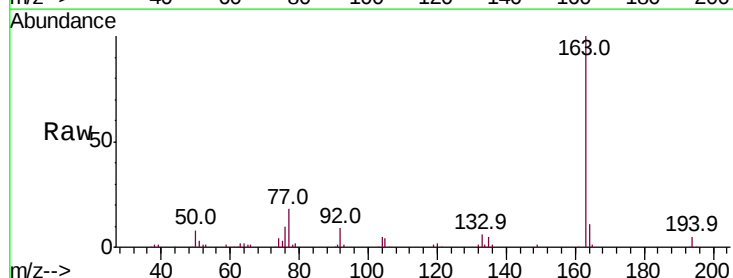
RT: 14.10 min Scan# 1874

Delta R.T. 0.00 min

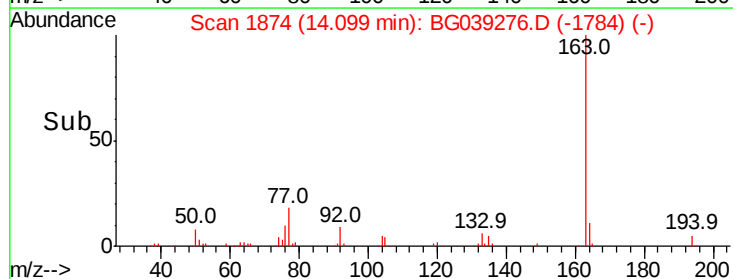
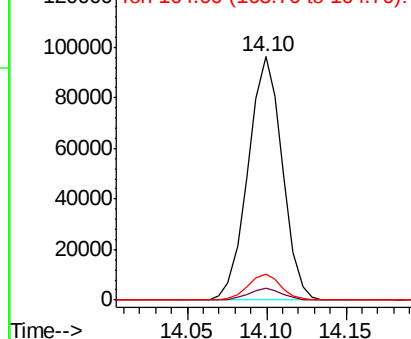
Lab File: BG039276.D

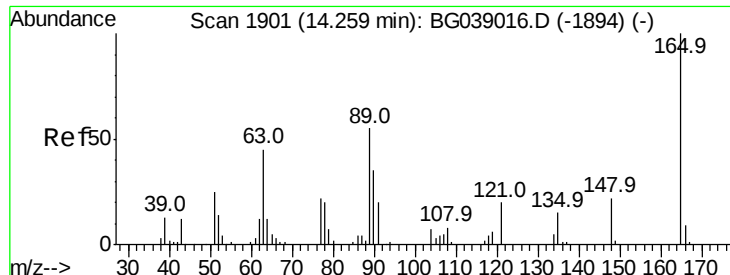
Acq: 25 Jan 2019 13:25

Tgt Ion:	163	Resp:	144042
Ion Ratio	Lower	Upper	
163	100		
194	4.9	3.6	5.4
164	10.6	8.2	12.2



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





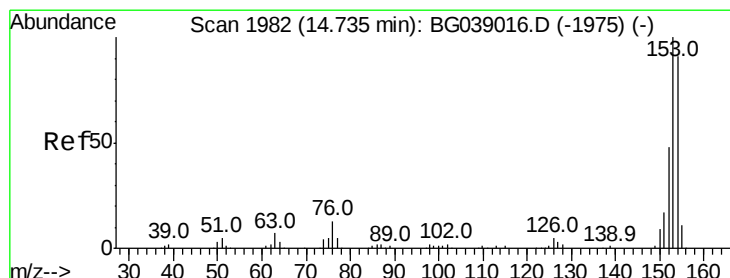
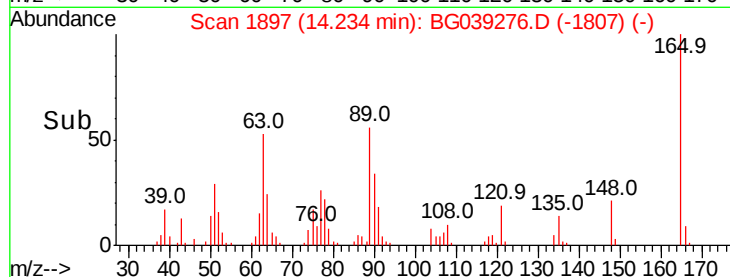
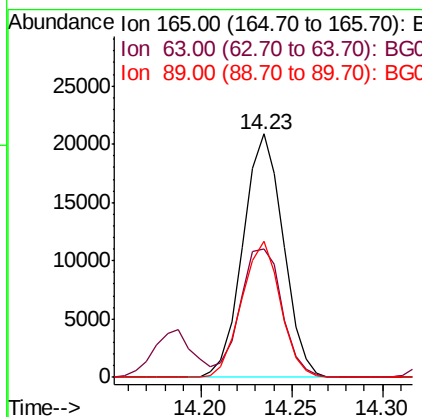
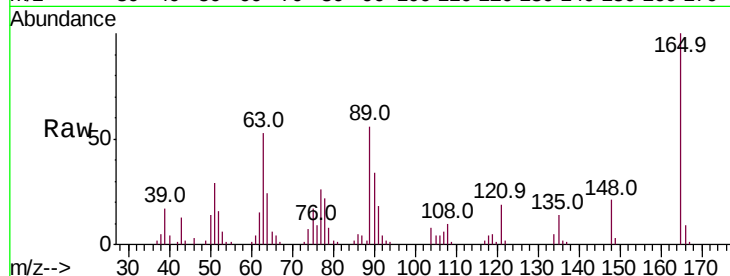
#51
 2,6-Dinitrotoluene
 Concen: 40.683 ng
 RT: 14.23 min Scan# 1897
 Delta R.T. 0.00 min
 Lab File: BG039276.D
 Acq: 25 Jan 2019 13:25

Instrument :
 BNA_G
 ClientSampleID :
 SSTDCCC040

Tot Ion:	165	Resp:	32230
Ion Ratio	Lower	Upper	
165	100		
63	52.5	43.6	65.4
89	55.7	43.7	65.5

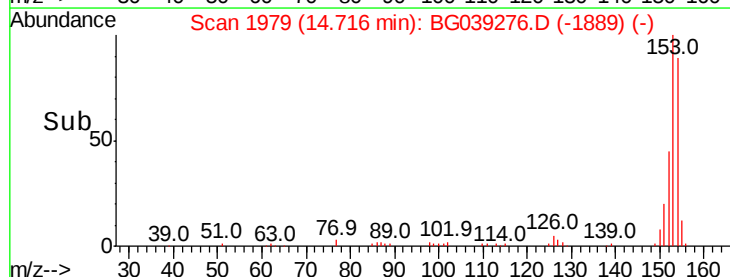
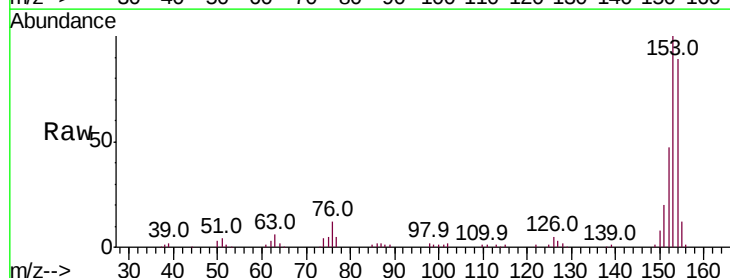
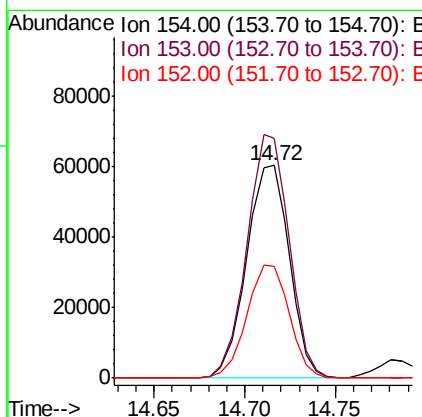
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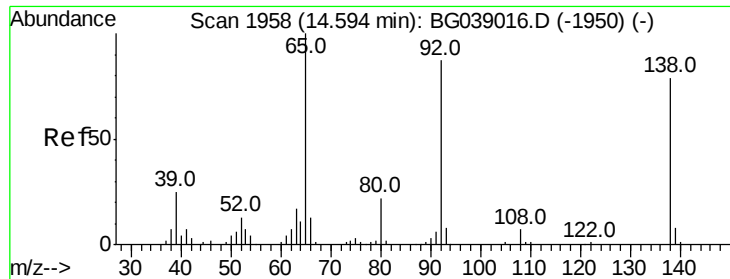
mohammad
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#52
 Acenaphthene
 Concen: 40.794 ng
 RT: 14.72 min Scan# 1979
 Delta R.T. 0.00 min
 Lab File: BG039276.D
 Acq: 25 Jan 2019 13:25

Tgt Ion:	154	Resp:	99052
Ion Ratio	Lower	Upper	
154	100		
153	112.7	87.9	131.9
152	52.5	42.2	63.2





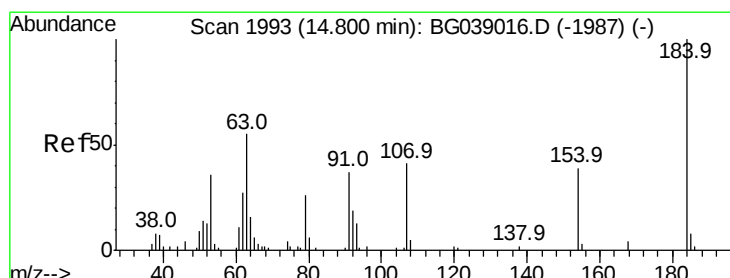
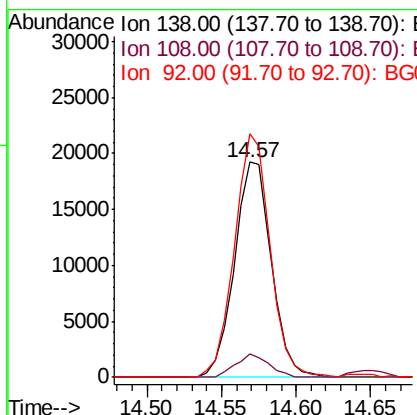
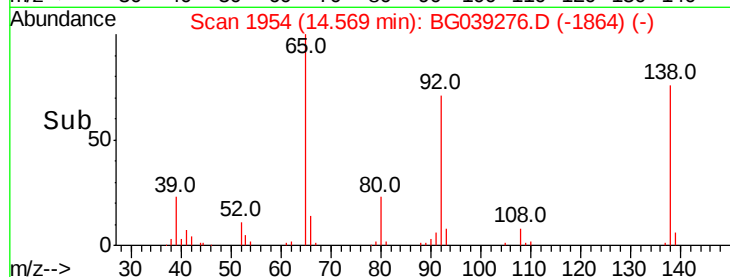
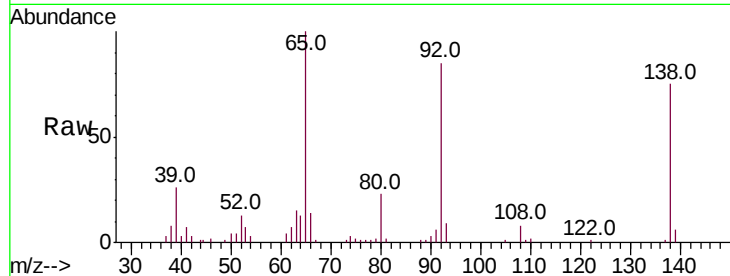
#53
 3-Nitroaniline
 Concen: 40.976 ng
 RT: 14.57 min Scan# 1954
 Delta R.T. 0.00 min
 Lab File: BG039276.D
 Acq: 25 Jan 2019 13:25

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion:	138	Resp:	32931
Ion Ratio	Lower	Upper	
138	100		
108	11.0	7.4	11.0
92	113.2	88.2	132.4

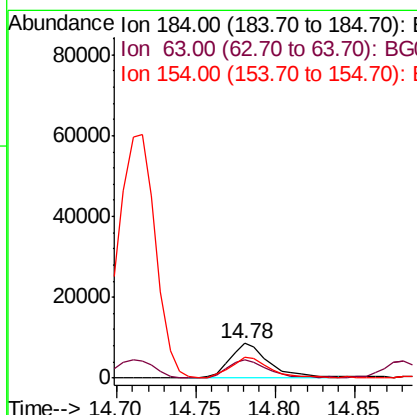
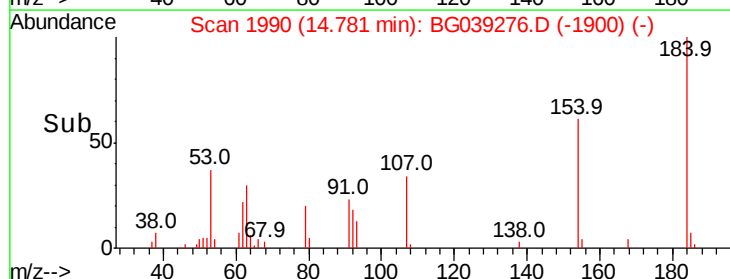
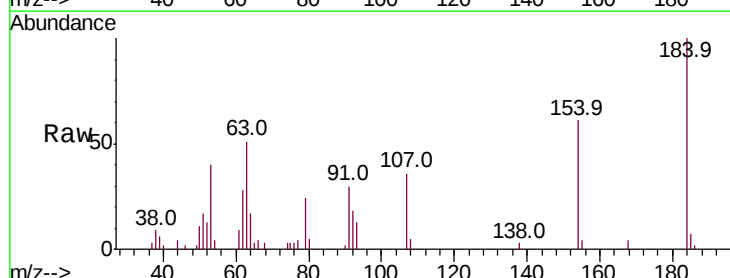
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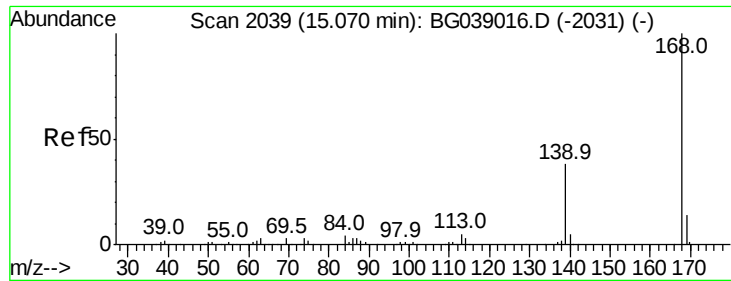
mohammad
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#54
 2,4-Dinitrophenol
 Concen: 34.344 ng
 RT: 14.78 min Scan# 1990
 Delta R.T. 0.00 min
 Lab File: BG039276.D
 Acq: 25 Jan 2019 13:25

Tgt Ion:	184	Resp:	14706
Ion Ratio	Lower	Upper	
184	100		
63	50.9	44.0	66.0
154	60.8	46.1	69.1





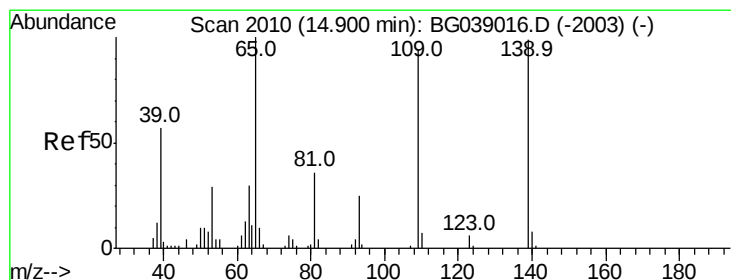
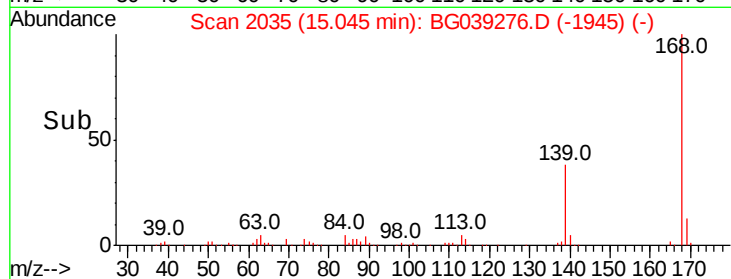
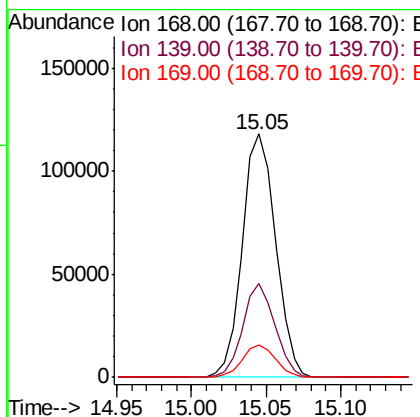
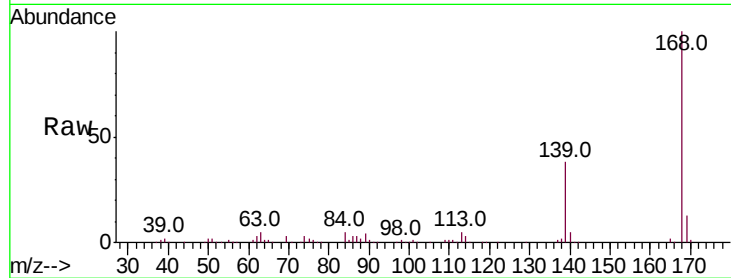
#55
Dibenzenofuran
Concen: 42.483 ng
RT: 15.05 min Scan# 2035
Delta R.T. 0.00 min
Lab File: BG039276.D
Acq: 25 Jan 2019 13:25

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
168	100	182183		
139	38.5		30.1	45.1
169	13.2		10.9	16.3

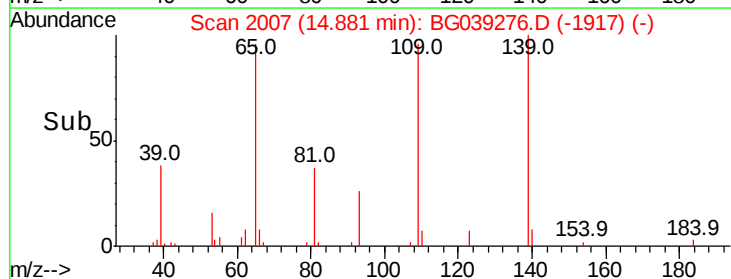
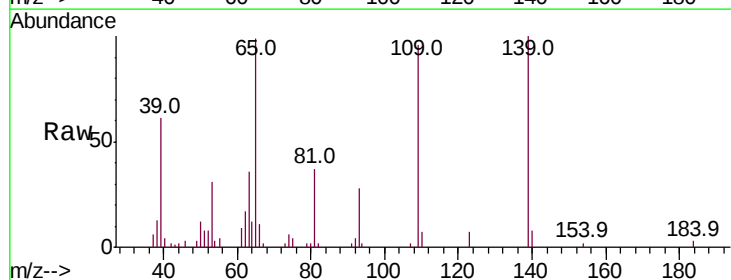
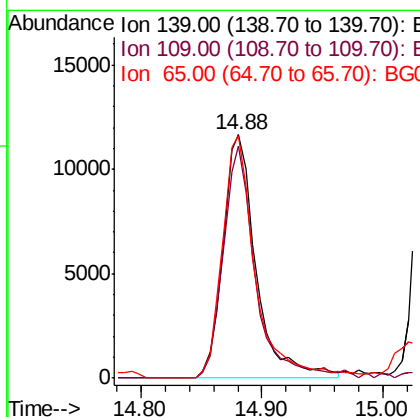
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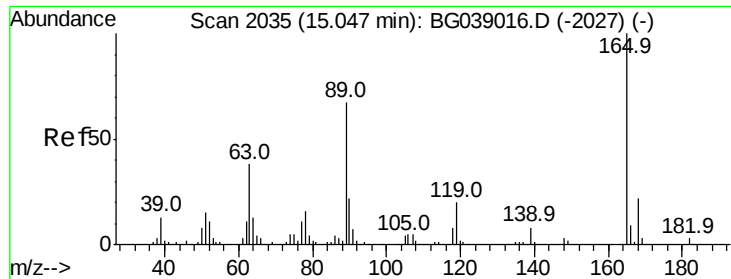
mohammad
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#56
4-Nitrophenol
Concen: 38.270 ng
RT: 14.88 min Scan# 2007
Delta R.T. 0.00 min
Lab File: BG039276.D
Acq: 25 Jan 2019 13:25

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	22130		
109	95.5		75.6	115.6
65	99.5		81.2	121.2





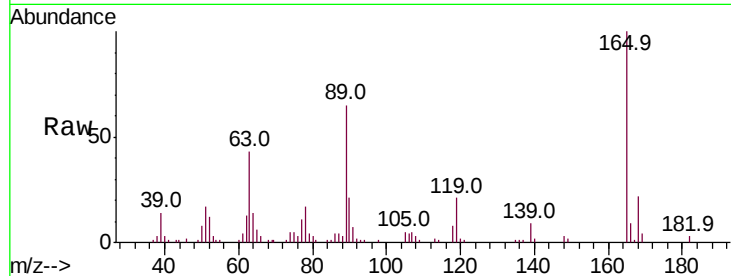
#57
2,4-Dinitrotoluene
Concen: 42.142 ng
RT: 15.02 min Scan# 2031
Delta R.T. 0.00 min
Lab File: BG039276.D
Acq: 25 Jan 2019 13:25

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	42.5	30.2	45.4	
89	64.6	53.2	79.8	
182	2.9	2.7	4.1	

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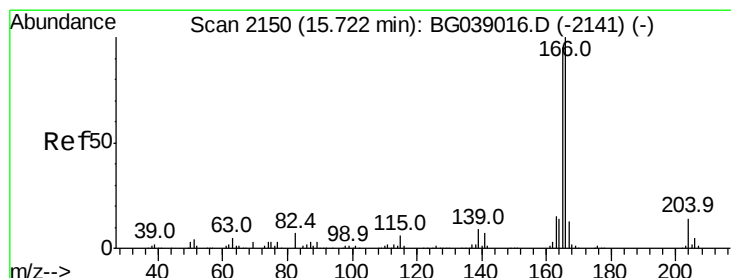
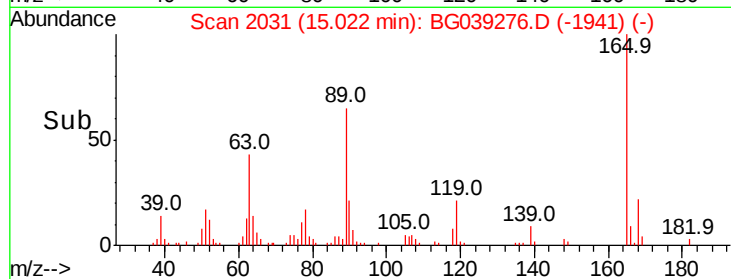
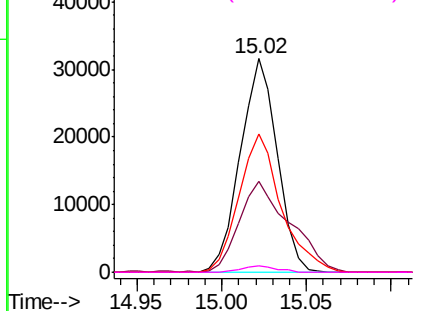
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

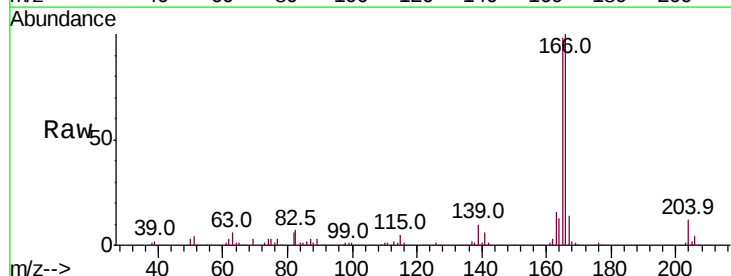
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 40.165 ng
RT: 15.70 min Scan# 2146
Delta R.T. 0.00 min
Lab File: BG039276.D
Acq: 25 Jan 2019 13:25

Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	97.9	76.2	114.2	
167	13.6	10.6	16.0	

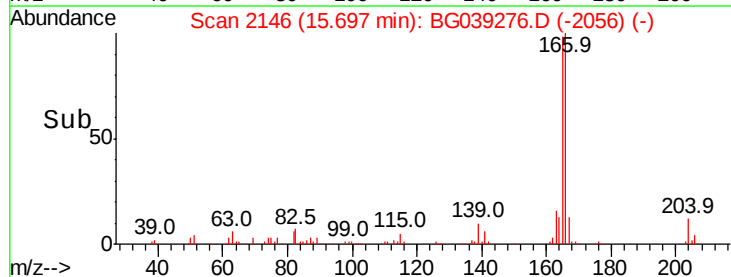
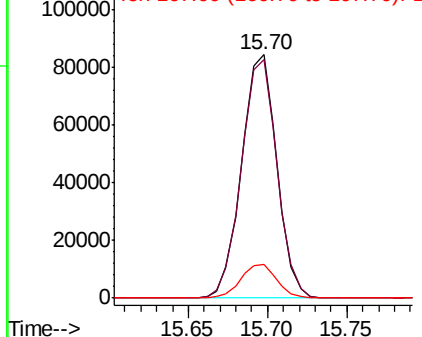


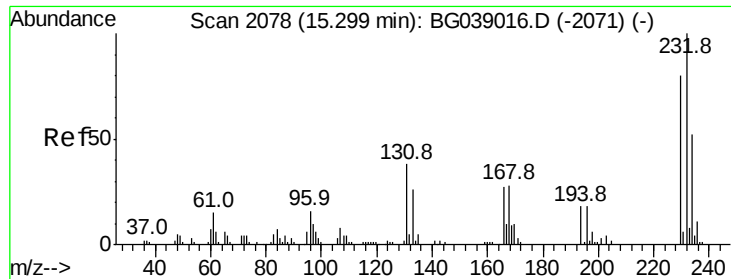
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





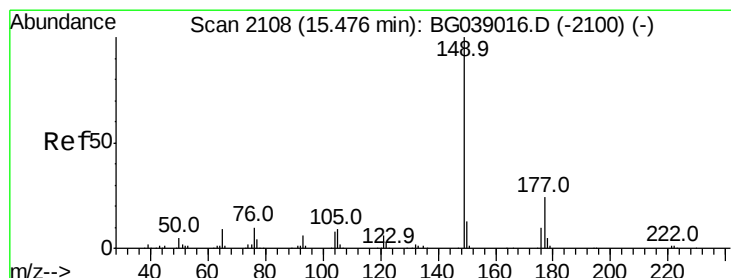
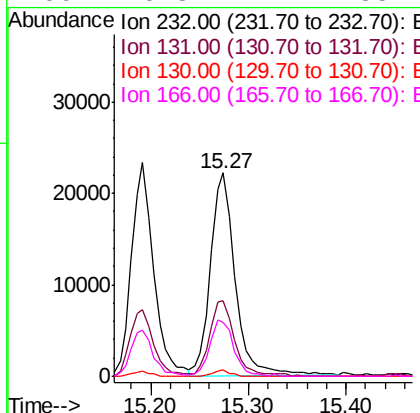
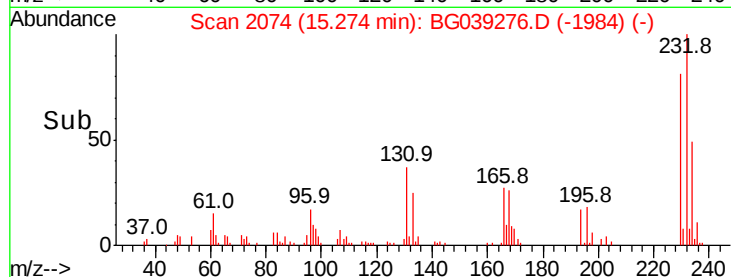
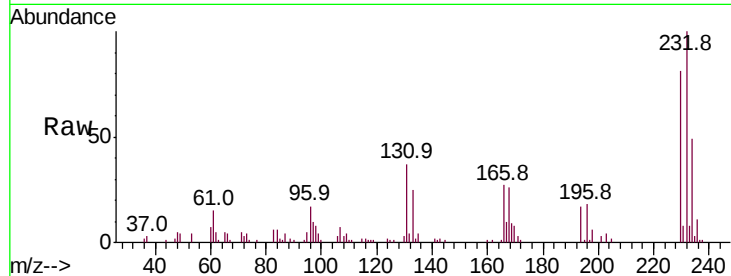
#59
2,3,4,6-Tetrachlorophenol
Concen: 39.225 ng
RT: 15.27 min Scan# 2074
Delta R.T. 0.00 min
Lab File: BG039276.D
Acq: 25 Jan 2019 13:25

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion:	232	Resp:	38788
Ion Ratio	Lower	Upper	
232	100		
131	38.2	30.9	46.3
130	2.1	1.9	2.9
166	26.8	22.1	33.1

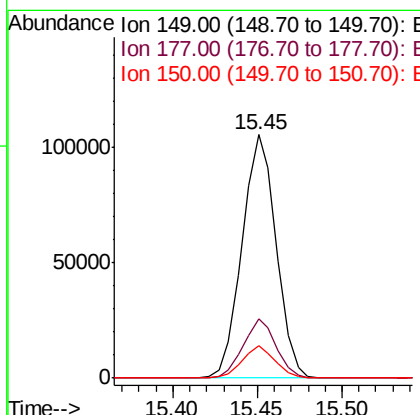
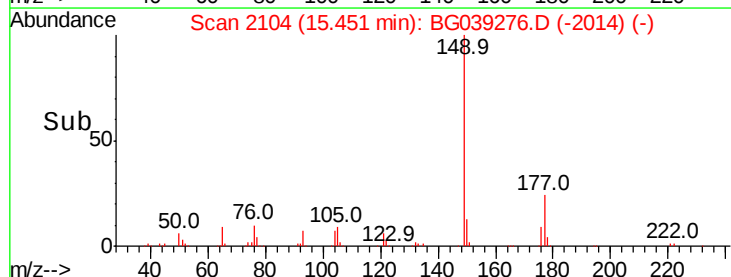
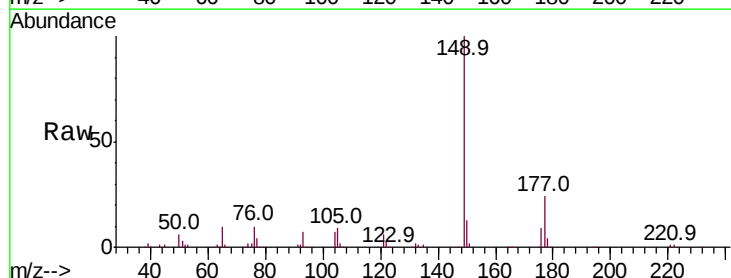
Manual Integrations
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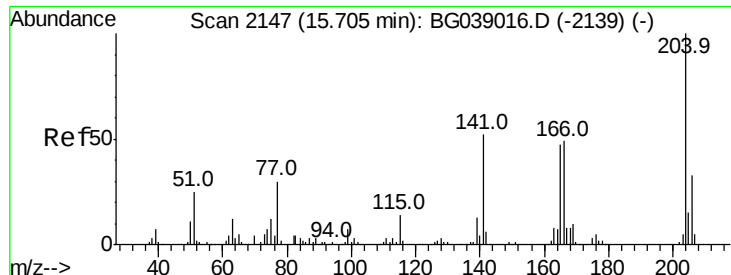
mohammad
1/29/2019 12:25:40 AM



#60
Diethylphthalate
Concen: 40.515 ng
RT: 15.45 min Scan# 2104
Delta R.T. 0.00 min
Lab File: BG039276.D
Acq: 25 Jan 2019 13:25

Tgt Ion:	149	Resp:	147914
Ion Ratio	Lower	Upper	
149	100		
177	24.3	19.0	28.6
150	13.3	10.2	15.4





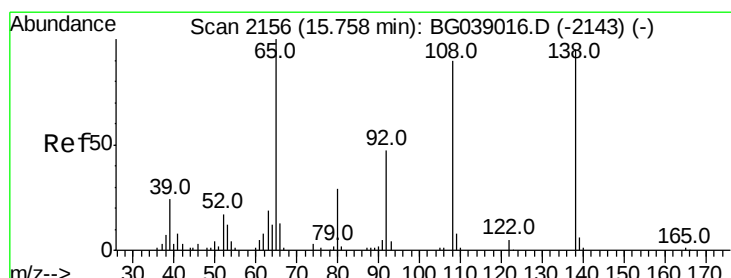
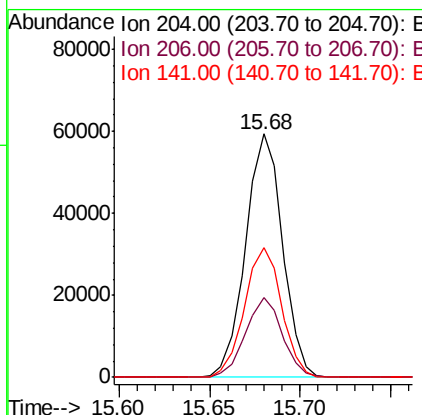
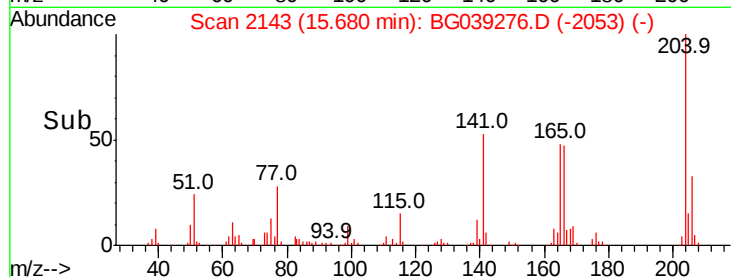
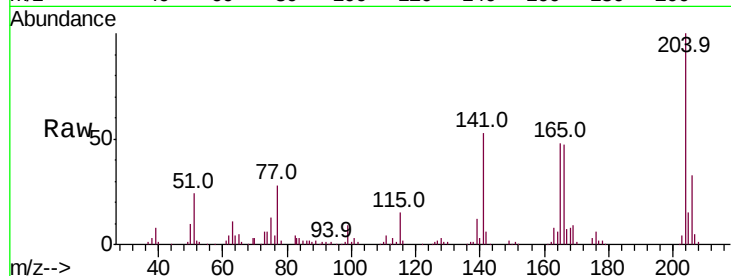
#61
4-Chlorophenyl-phenylether
Concen: 41.385 ng
RT: 15.68 min Scan# 2143
Delta R.T. 0.00 min
Lab File: BG039276.D
Acq: 25 Jan 2019 13:25

Instrument :
BNA_G
ClientSampleID :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.9	26.6	39.8
141	53.1	41.4	62.0

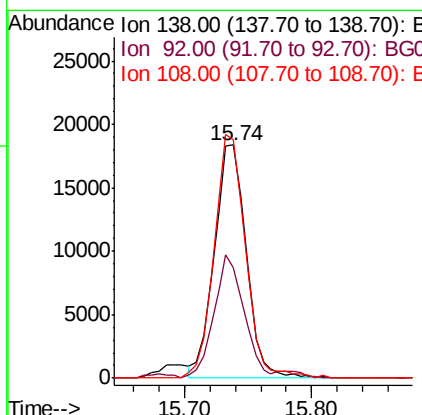
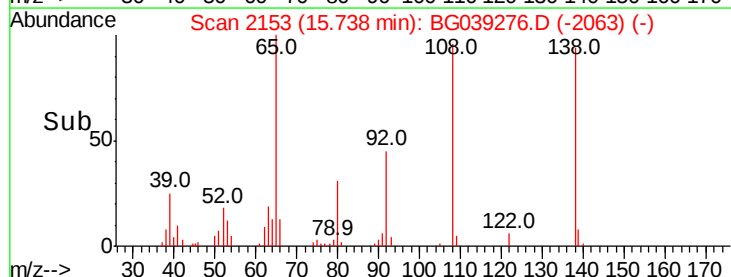
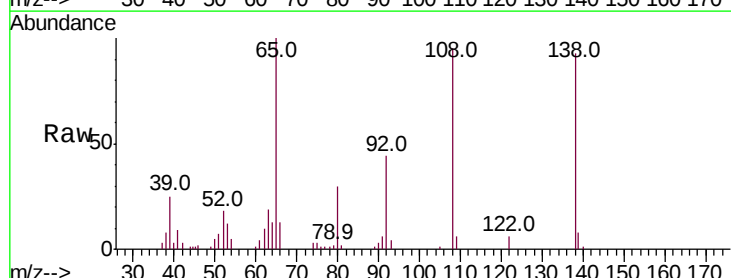
Manual Integrations
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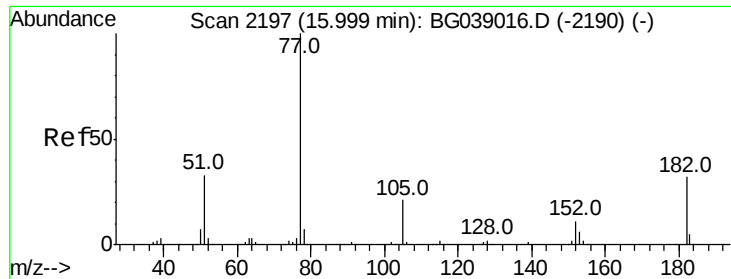
mohammad
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#62
4-Nitroaniline
Concen: 38.663 ng
RT: 15.74 min Scan# 2153
Delta R.T. 0.00 min
Lab File: BG039276.D
Acq: 25 Jan 2019 13:25

Tgt Ion	Ratio	Lower	Upper
138	100		
92	47.7	29.7	69.7
108	102.2	75.7	115.7





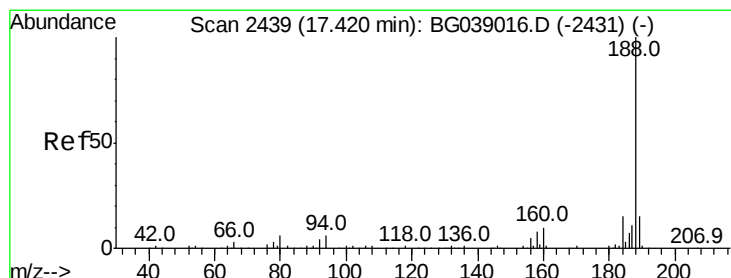
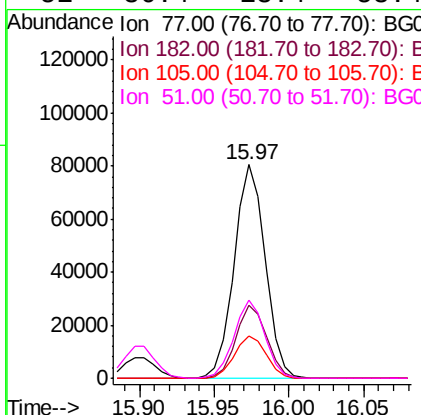
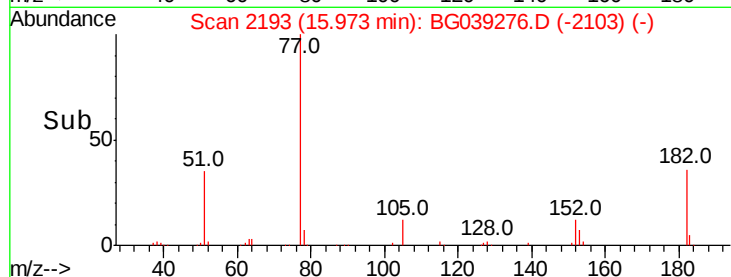
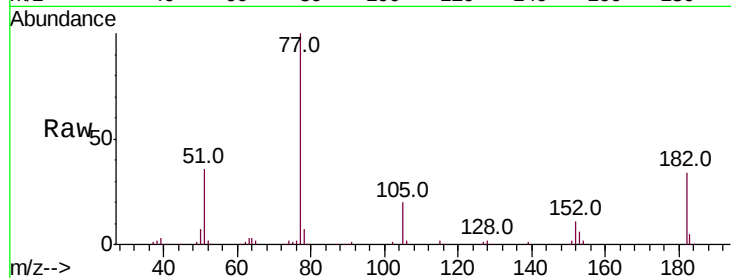
#63
Azobenzene
Concen: 40.891 ng
RT: 15.97 min Scan# 2193
Delta R.T. 0.00 min
Lab File: BG039276.D
Acq: 25 Jan 2019 13:25

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	34.2	12.2	52.2	
105	19.9	1.2	41.2	
51	36.4	13.4	53.4	

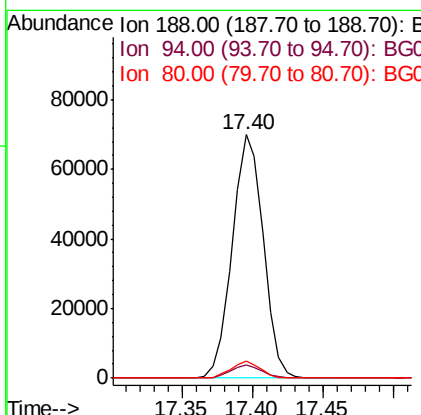
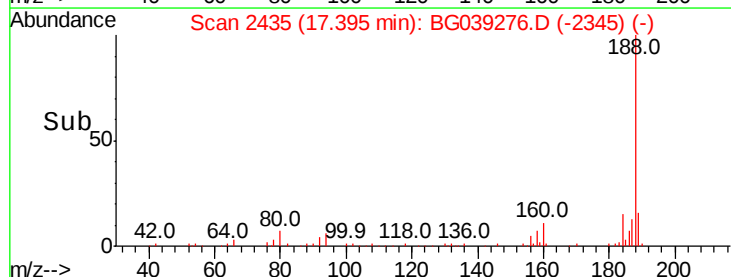
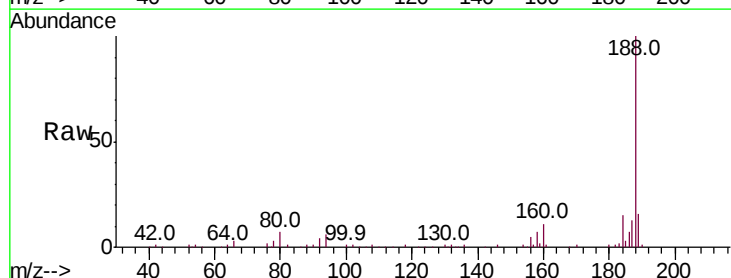
Manual Integrations
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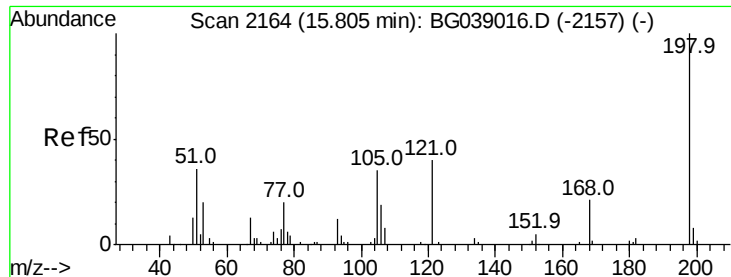
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.40 min Scan# 2435
Delta R.T. 0.00 min
Lab File: BG039276.D
Acq: 25 Jan 2019 13:25

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	5.6	5.0	7.4	
80	6.8	4.7	7.1	





#65

4,6-Dinitro-2-methylphenol

Concen: 40.105 ng

RT: 15.79 min Scan# 2161

Delta R.T. 0.00 min

Lab File: BG039276.D

Acq: 25 Jan 2019 13:25

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion:198 Resp: 31731

Ion Ratio Lower Upper

198 100

51 37.8 20.8 60.8

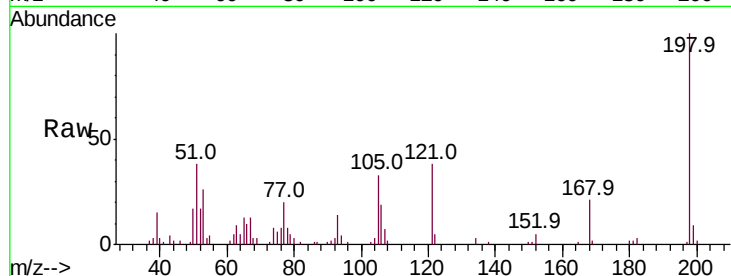
105 32.9 16.1 56.1

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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

25000

20000

15000

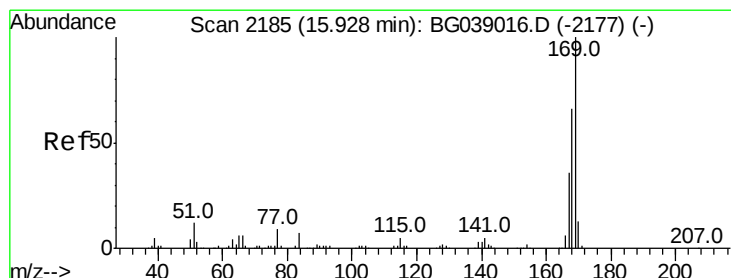
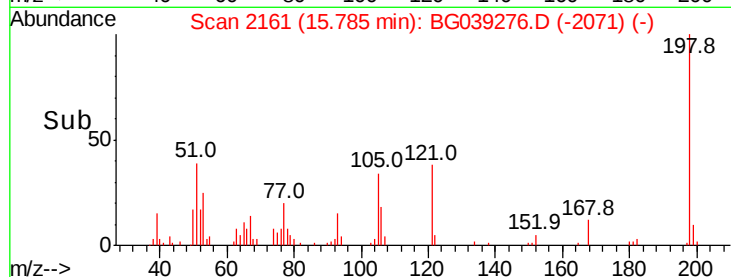
10000

5000

0

15.70 15.80 15.90

Time-->



#66

n-Nitrosodiphenylamine

Concen: 41.135 ng

RT: 15.90 min Scan# 2181

Delta R.T. 0.00 min

Lab File: BG039276.D

Acq: 25 Jan 2019 13:25

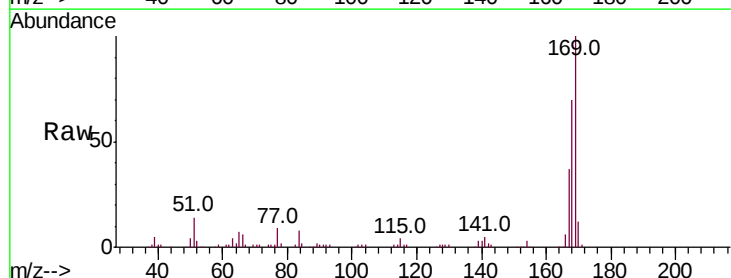
Tgt Ion:169 Resp: 130229

Ion Ratio Lower Upper

169 100

168 69.7 53.2 79.8

167 36.6 29.1 43.7



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

120000

100000

80000

60000

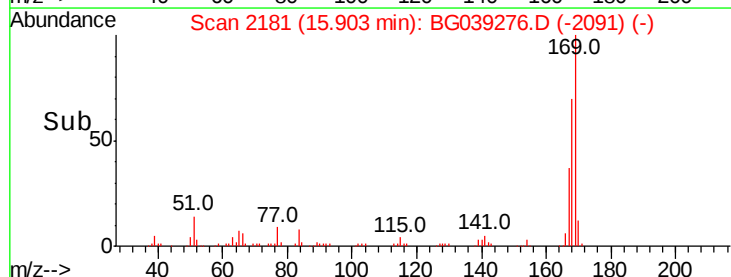
40000

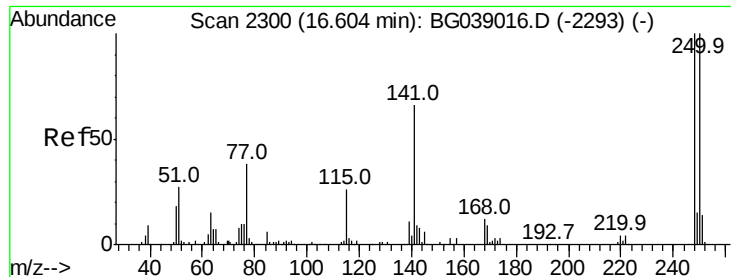
20000

0

15.90 16.00

Time-->





#67

4-Bromophenyl-phenylether

Concen: 42.484 ng

RT: 16.58 min Scan# 2296

Delta R.T. 0.00 min

Lab File: BG039276.D

Acq: 25 Jan 2019 13:25

Instrument :

BNA_G

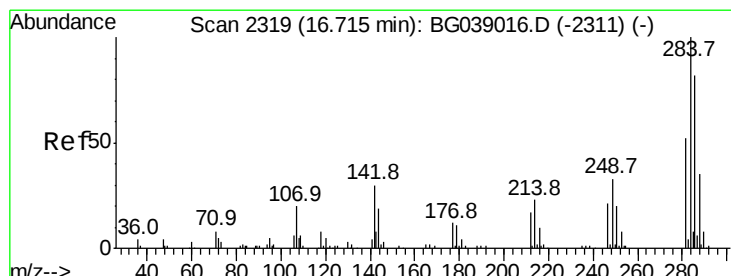
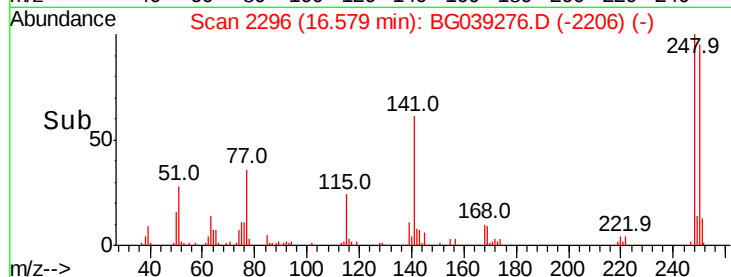
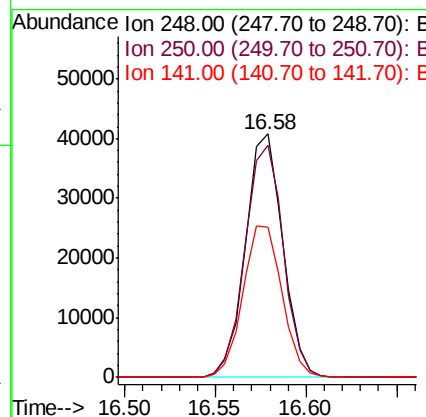
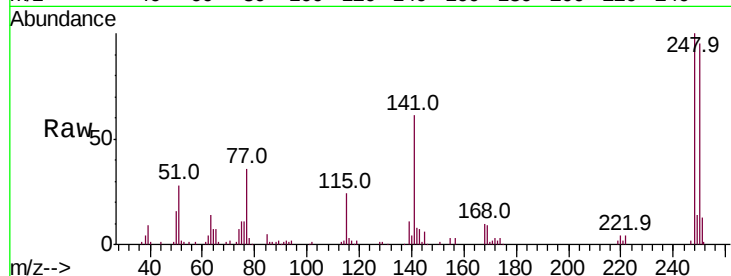
ClientSampleId :

SSTDCCC040

Tot Ion:	248	Resp:	58322
Ion Ratio	Lower	Upper	
248	100		
250	95.4	79.9	119.9
141	61.5	52.7	79.1

Manual Integrations
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#68

Hexachlorobenzene

Concen: 40.811 ng

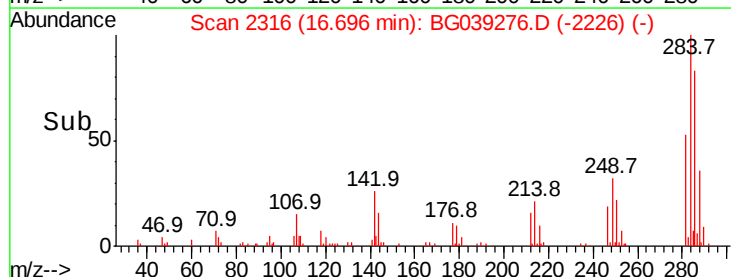
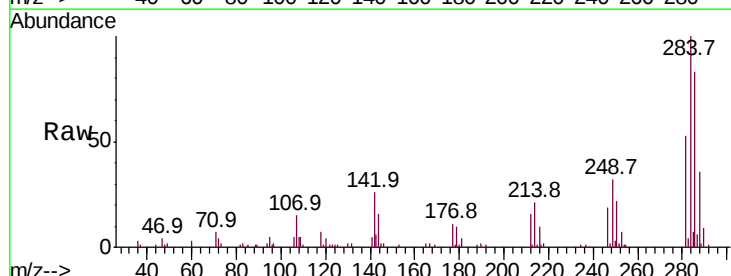
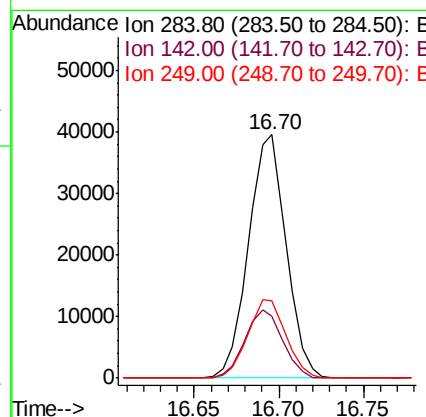
RT: 16.70 min Scan# 2316

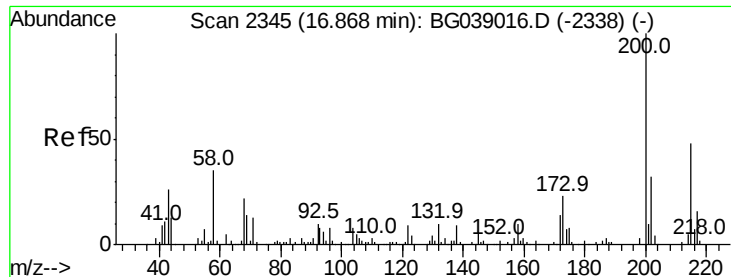
Delta R.T. 0.00 min

Lab File: BG039276.D

Acq: 25 Jan 2019 13:25

Tgt Ion:	284	Resp:	61134
Ion Ratio	Lower	Upper	
284	100		
142	25.6	24.3	36.5
249	34.2	27.8	41.8





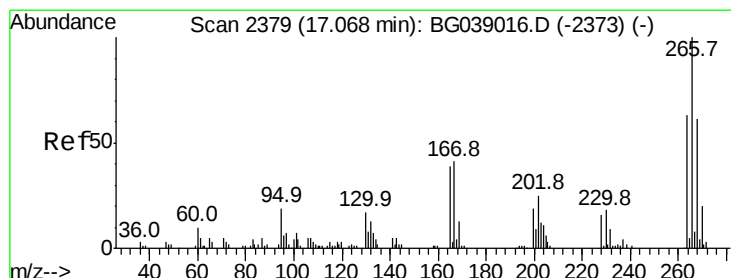
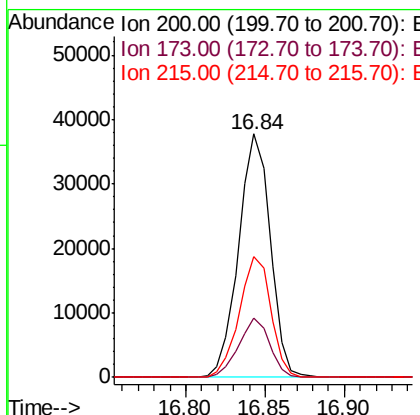
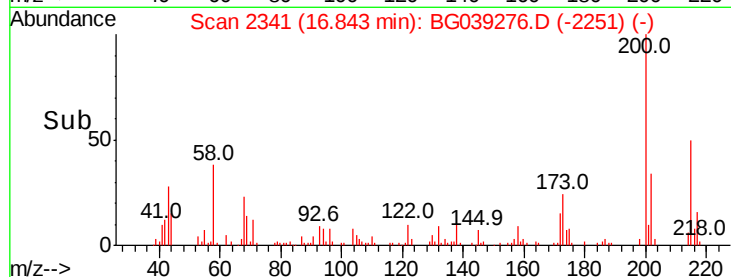
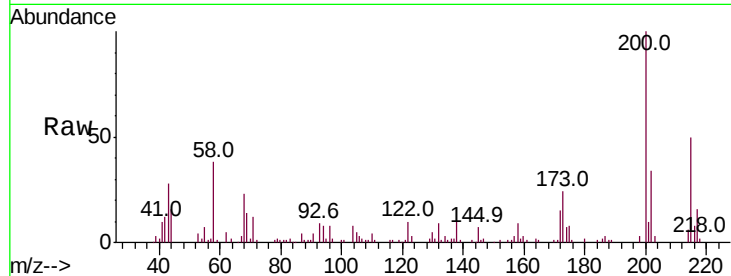
#69
 Atrazine
 Concen: 38.834 ng
 RT: 16.84 min Scan# 2341
 Delta R.T. 0.00 min
 Lab File: BG039276.D
 Acq: 25 Jan 2019 13:25

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
200	100		
173	24.1	2.6	42.6
215	49.5	28.0	68.0

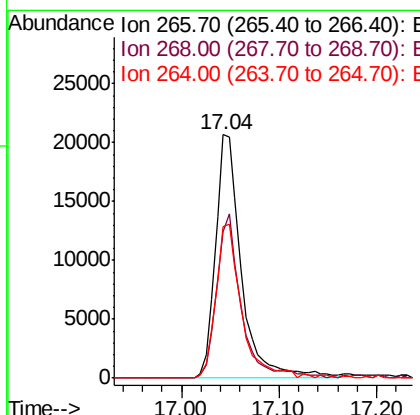
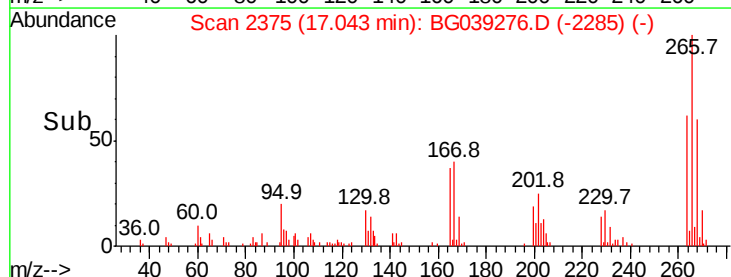
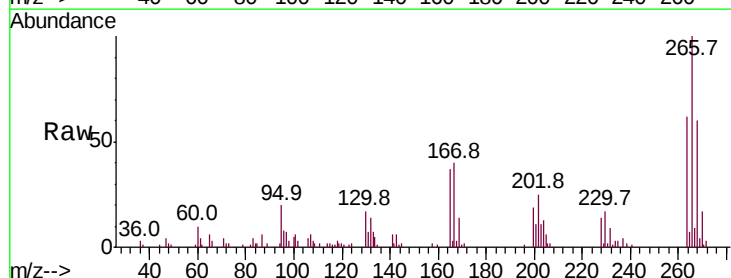
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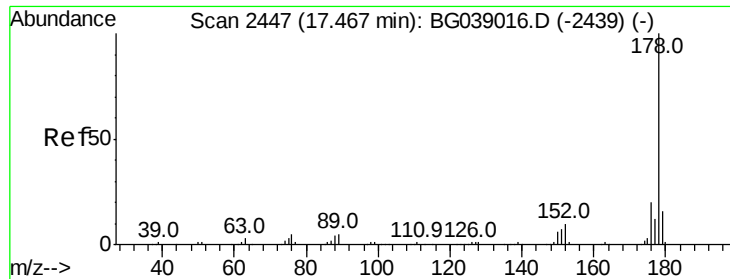
mohammad
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#70
 Pentachlorophenol
 Concen: 44.020 ng
 RT: 17.04 min Scan# 2375
 Delta R.T. 0.00 min
 Lab File: BG039276.D
 Acq: 25 Jan 2019 13:25

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.3	52.0	78.0
264	68.9	54.6	81.8





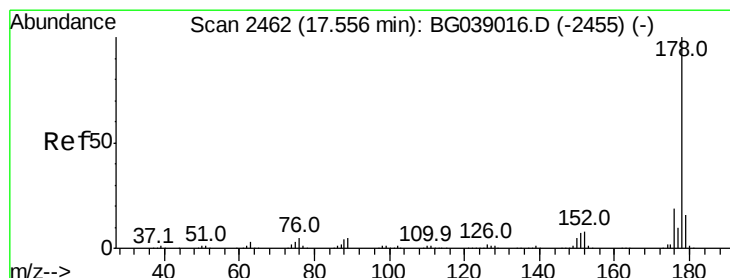
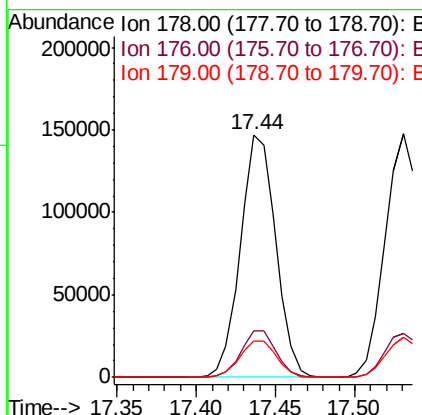
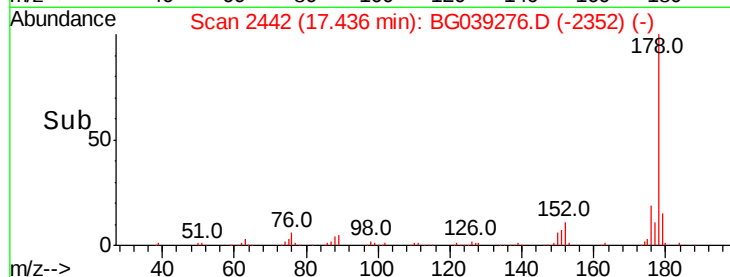
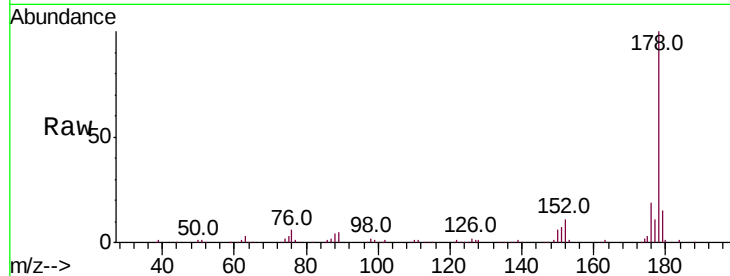
#71
Phenanthrene
Concen: 40.253 ng
RT: 17.44 min Scan# 2442
Delta R.T. 0.00 min
Lab File: BG039276.D
Acq: 25 Jan 2019 13:25

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion:	178	Resp:	227224
Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.7	23.5
179	14.9	12.9	19.3

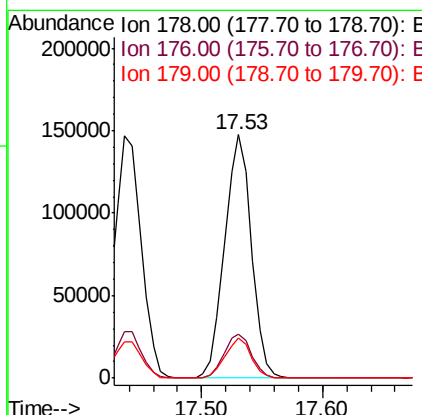
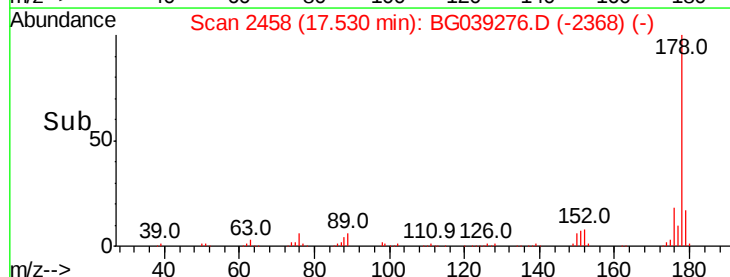
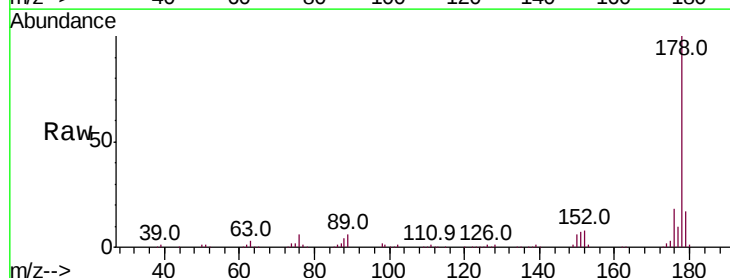
Manual Integrations
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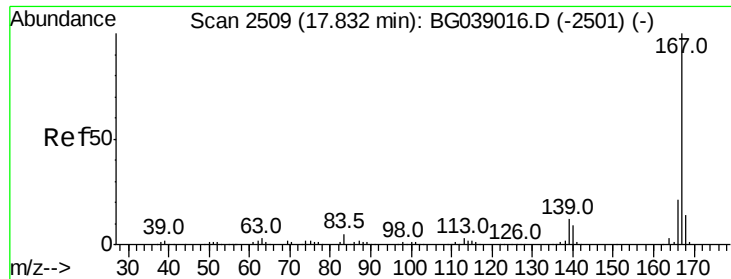
mohammad
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#72
Anthracene
Concen: 40.523 ng
RT: 17.53 min Scan# 2458
Delta R.T. 0.00 min
Lab File: BG039276.D
Acq: 25 Jan 2019 13:25

Tgt Ion:	178	Resp:	226168
Ion	Ratio	Lower	Upper
178	100		
176	18.0	14.9	22.3
179	16.6	13.0	19.4





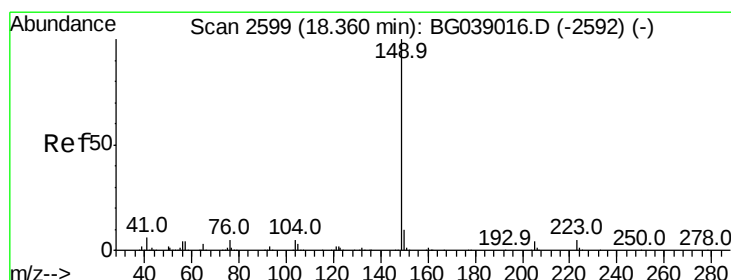
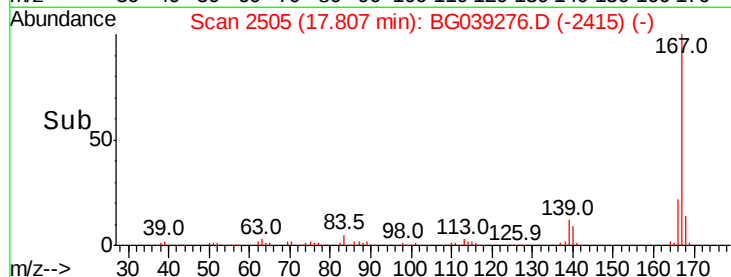
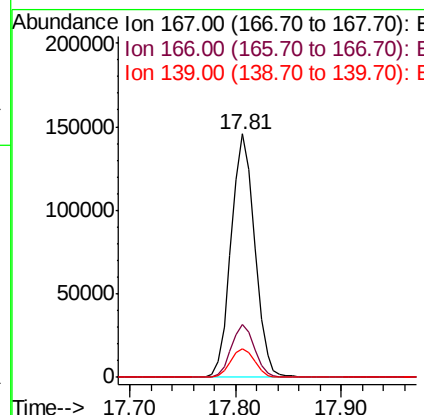
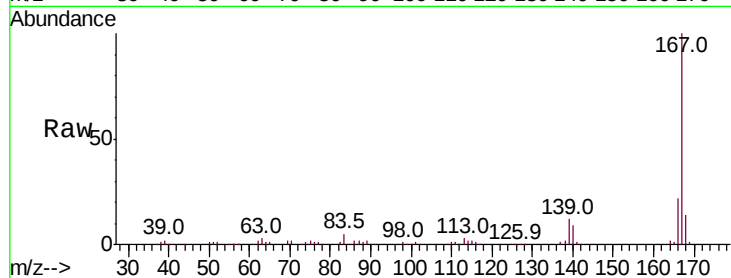
#73
 Carbazole
 Concen: 40.853 ng
 RT: 17.81 min Scan# 2505
 Delta R.T. 0.00 min
 Lab File: BG039276.D
 Acq: 25 Jan 2019 13:25

Instrument :
 BNA_G
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Resp	Lower	Upper
167	100			
166	21.6	16.9	25.3	
139	11.7	10.0	15.0	

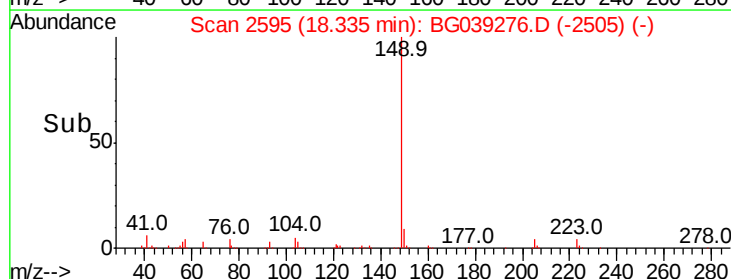
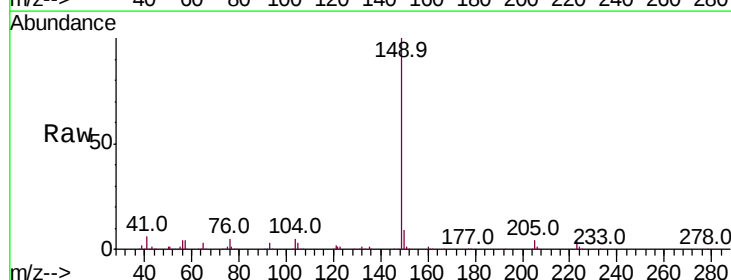
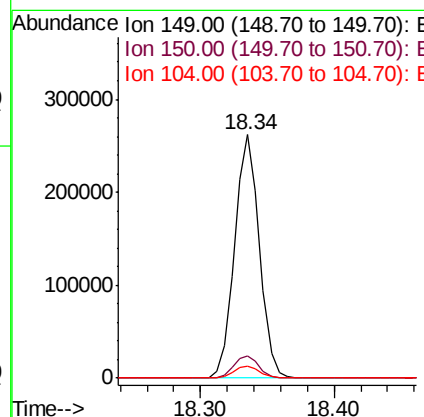
Manual Integrations
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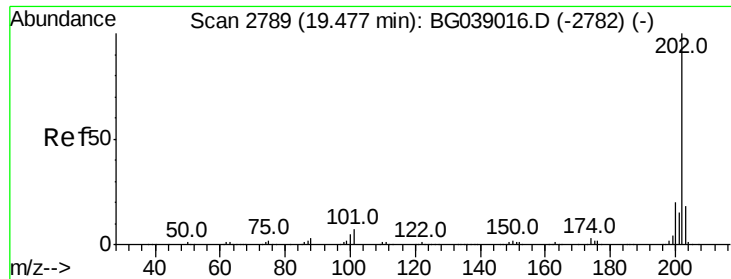
mohammad
 1/29/2019 12:25:40 AM



#74
 Di-n-butylphthalate
 Concen: 55.173 ng
 RT: 18.34 min Scan# 2595
 Delta R.T. 0.00 min
 Lab File: BG039276.D
 Acq: 25 Jan 2019 13:25

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
150	9.3	7.9	11.9	
104	4.9	4.2	6.2	





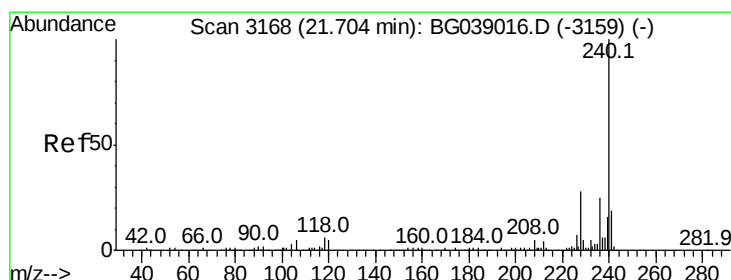
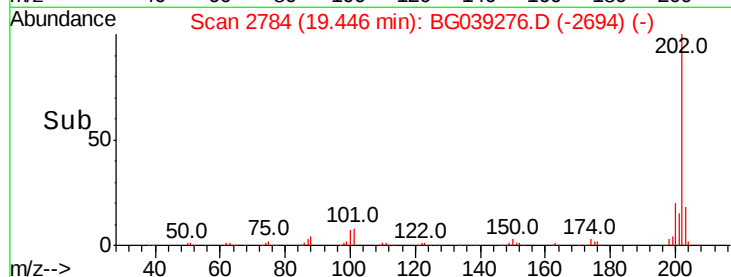
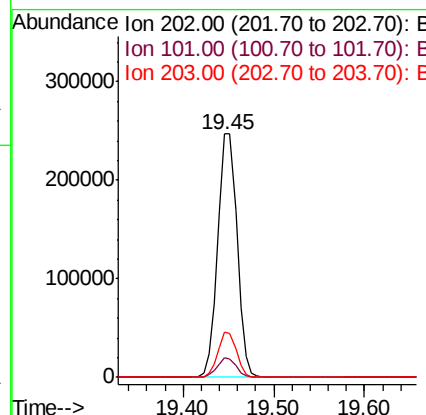
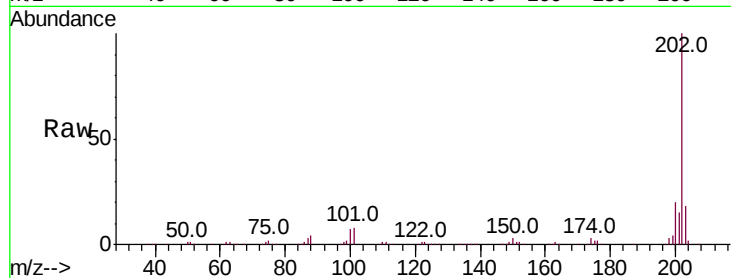
#75
 Fluoranthene
 Concen: 52.283 ng
 RT: 19.45 min Scan# 2784
 Delta R.T. 0.00 min
 Lab File: BG039276.D
 Acq: 25 Jan 2019 13:25

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	8.3	0.0	26.9
203	18.5	0.0	38.1

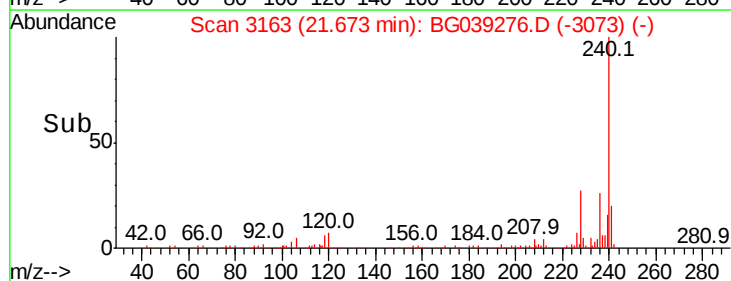
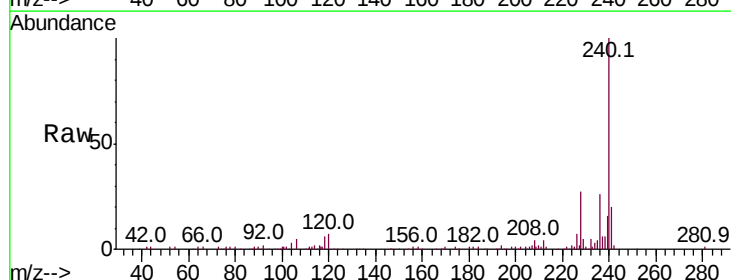
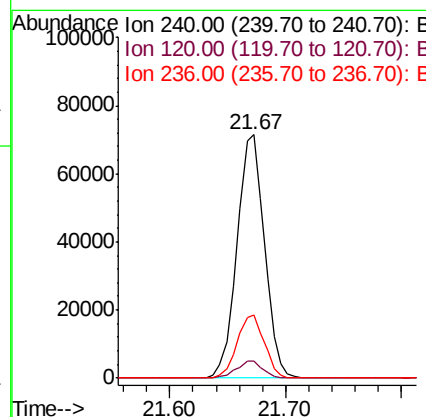
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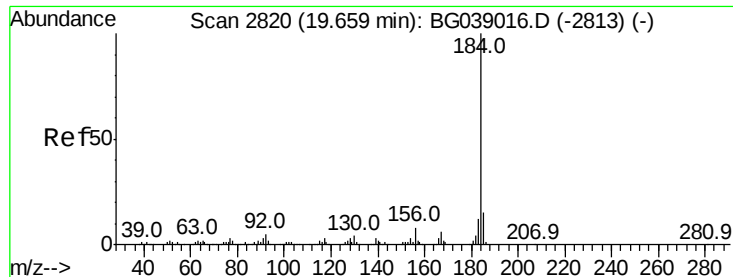
mohammad
 1/29/2019 12:25:40 AM



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.67 min Scan# 3163
 Delta R.T. 0.00 min
 Lab File: BG039276.D
 Acq: 25 Jan 2019 13:25

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	6.8	4.3	6.5#
236	25.9	20.1	30.1





#77

Benzidine

Concen: 49.776 ng

RT: 19.63 min Scan# 2816

Delta R.T. 0.00 min

Lab File: BG039276.D

Acq: 25 Jan 2019 13:25

Instrument :

BNA_G

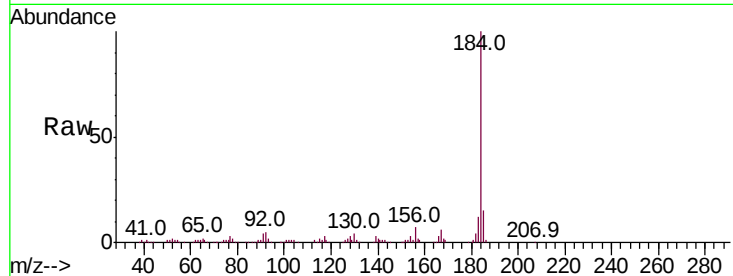
ClientSampleId :

SSTDCCC040

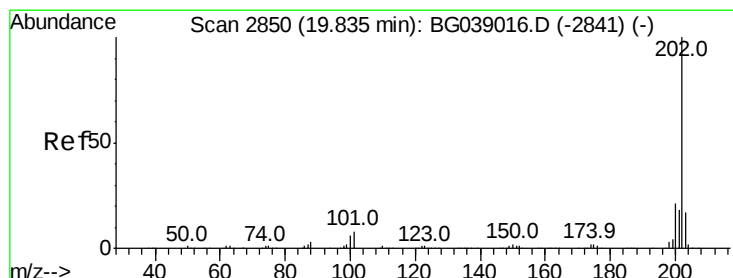
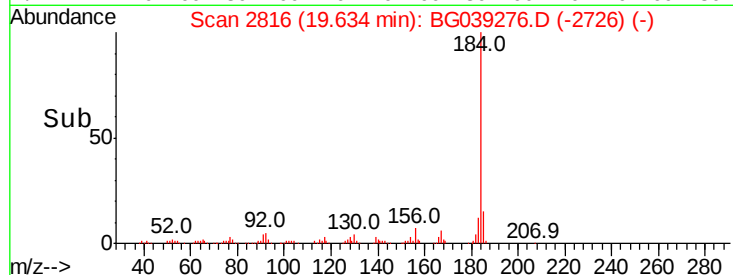
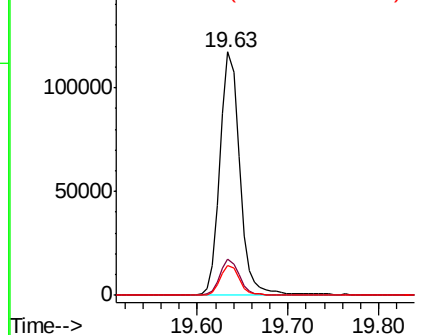
Tot Ion:	184	Resp:	179226
Ion Ratio	Lower	Upper	
184	100		
185	15.1	12.1	18.1
183	12.3	9.5	14.3

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Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 50.276 ng

RT: 19.81 min Scan# 2846

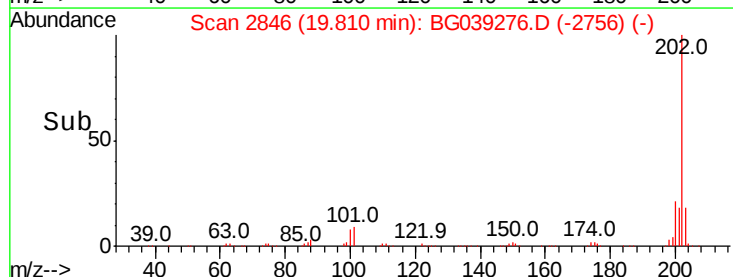
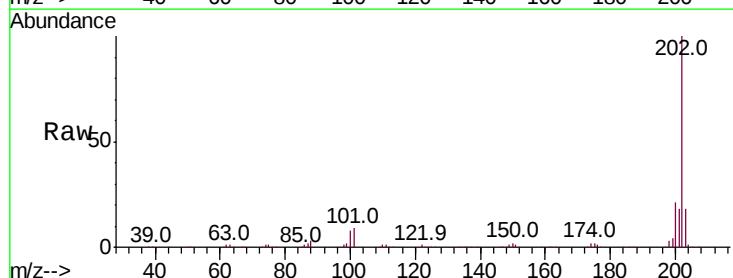
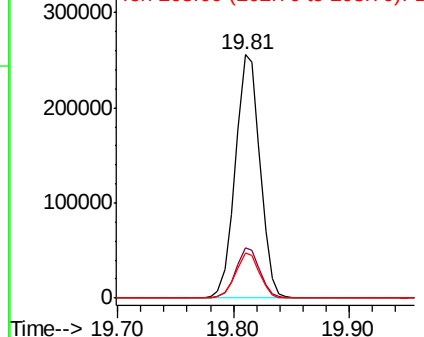
Delta R.T. 0.00 min

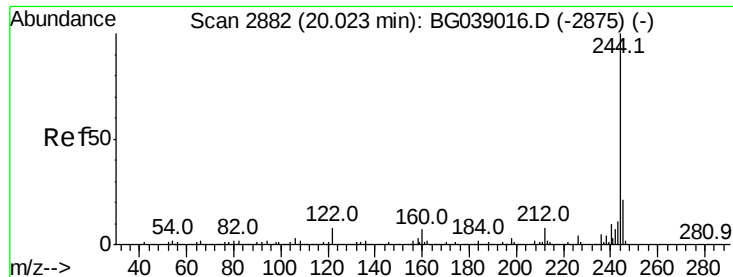
Lab File: BG039276.D

Acq: 25 Jan 2019 13:25

Tgt Ion:	202	Resp:	377183
Ion Ratio	Lower	Upper	
202	100		
200	20.9	17.0	25.6
203	18.3	14.0	21.0

Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 95.945 ng

RT: 20.00 min Scan# 2878

Delta R.T. 0.00 min

Lab File: BG039276.D

Acq: 25 Jan 2019 13:25

Instrument :

BNA_G

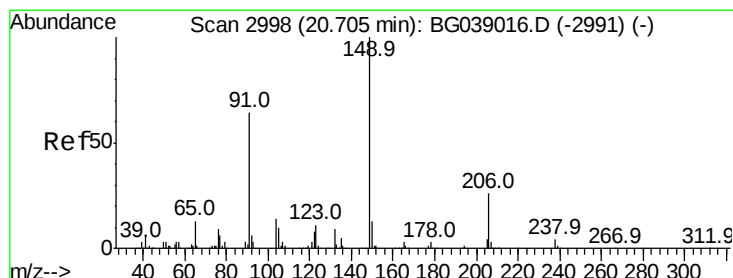
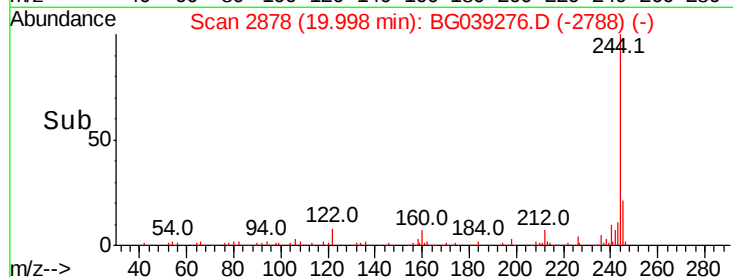
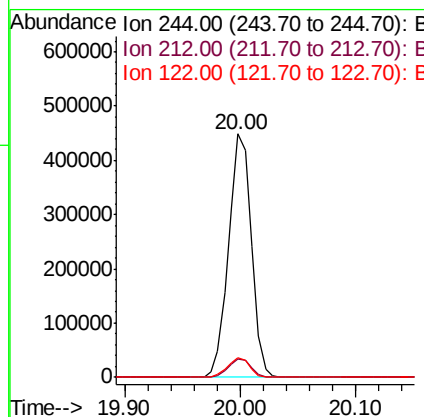
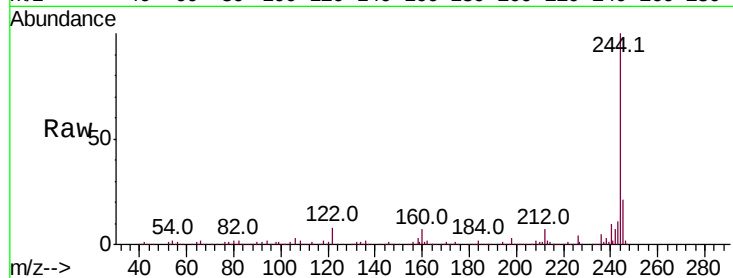
ClientSampleId :

SSTDCCC040

Tot Ion:	244	Resp:	610562
Ion Ratio		Lower	Upper
244	100		
212	7.4	6.1	9.1
122	8.0	6.1	9.1

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#80

Butylbenzylphthalate

Concen: 48.345 ng

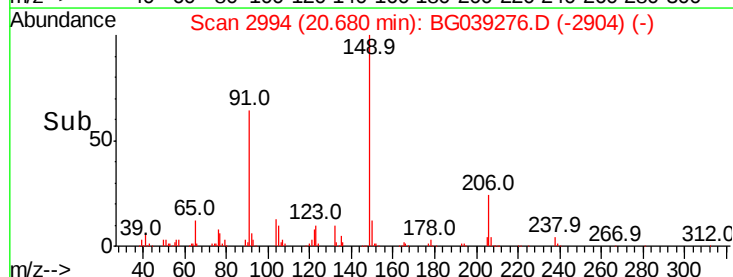
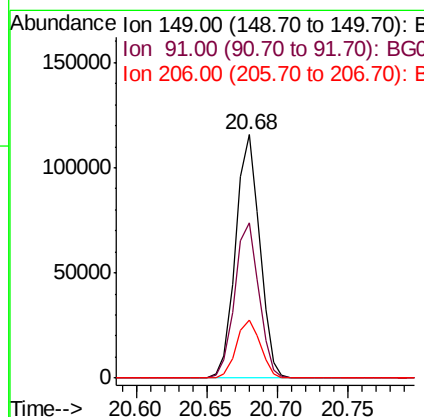
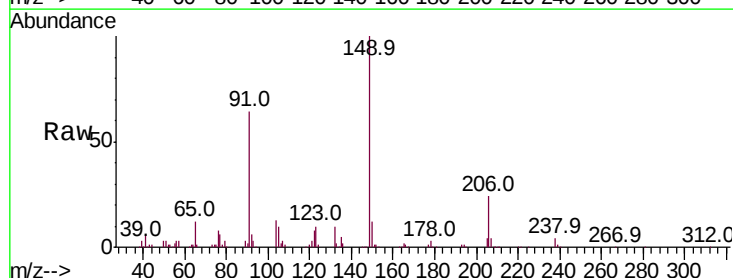
RT: 20.68 min Scan# 2994

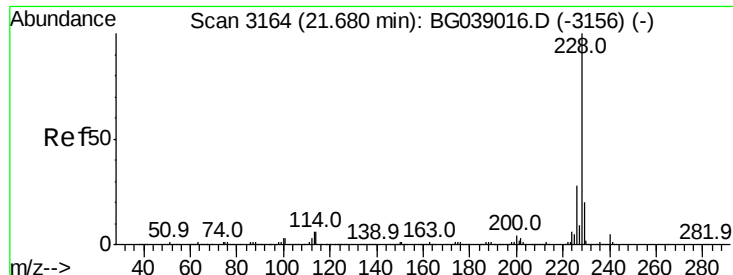
Delta R.T. 0.00 min

Lab File: BG039276.D

Acq: 25 Jan 2019 13:25

Tgt Ion:	149	Resp:	137945
Ion Ratio		Lower	Upper
149	100		
91	63.7	51.4	77.0
206	23.9	20.4	30.6





#81

Benzo(a)anthracene

Concen: 41.173 ng

RT: 21.65 min Scan# 3159

Delta R.T. 0.00 min

Lab File: BG039276.D

Acq: 25 Jan 2019 13:25

Instrument :

BNA_G

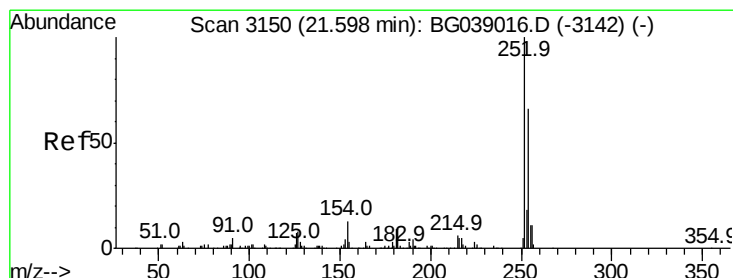
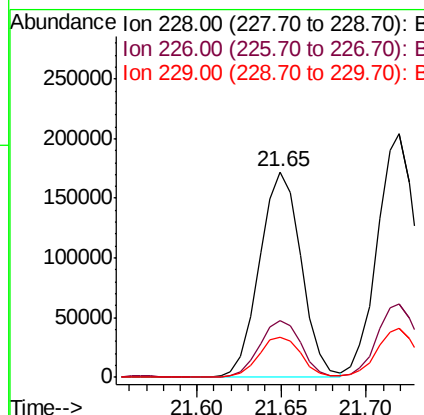
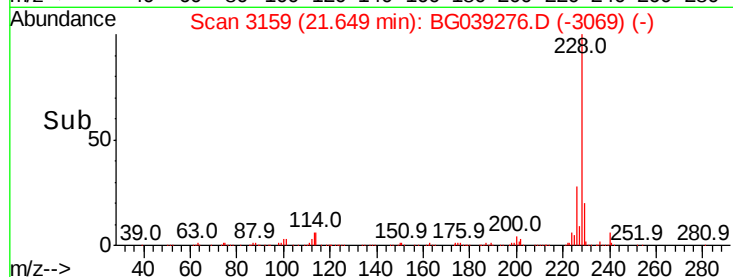
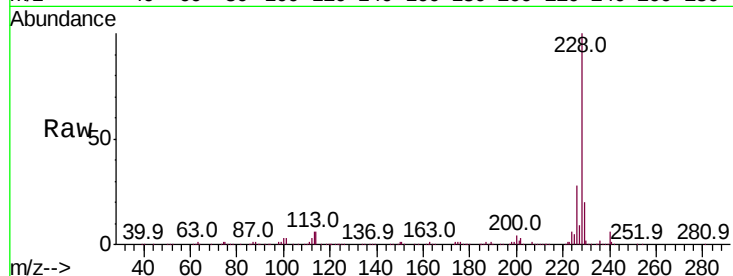
ClientSampled :

SSTDCCC040

Tot Ion:	228	Resp:	295057
Ion Ratio	Lower	Upper	
228	100		
226	27.6	22.4	33.6
229	19.6	16.2	24.2

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#82

3,3'-Dichlorobenzidine

Concen: 42.319 ng

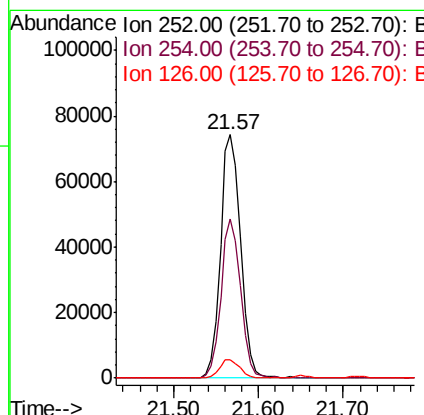
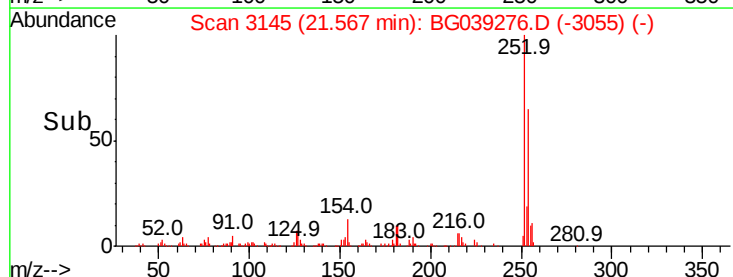
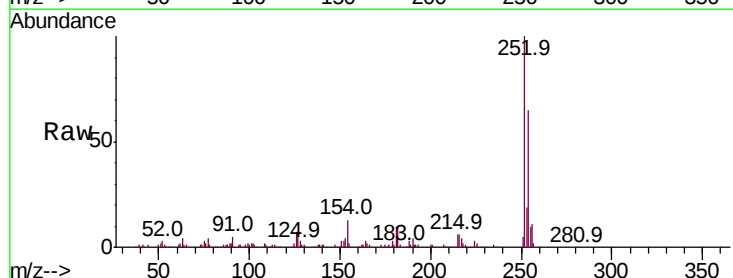
RT: 21.57 min Scan# 3145

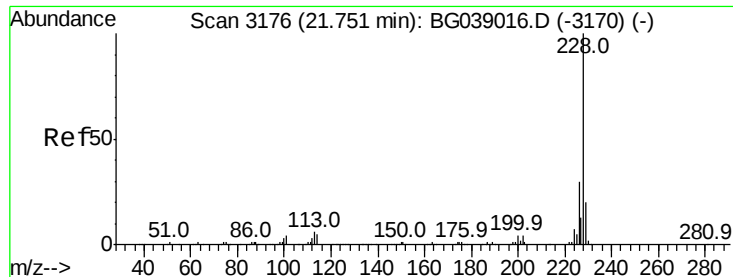
Delta R.T. 0.00 min

Lab File: BG039276.D

Acq: 25 Jan 2019 13:25

Tgt Ion:	252	Resp:	123566
Ion Ratio	Lower	Upper	
252	100		
254	65.3	53.0	79.6
126	7.3	6.0	9.0





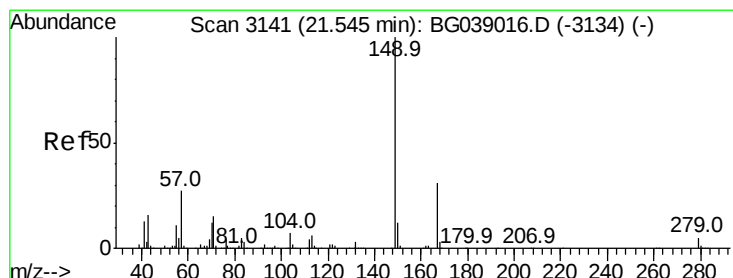
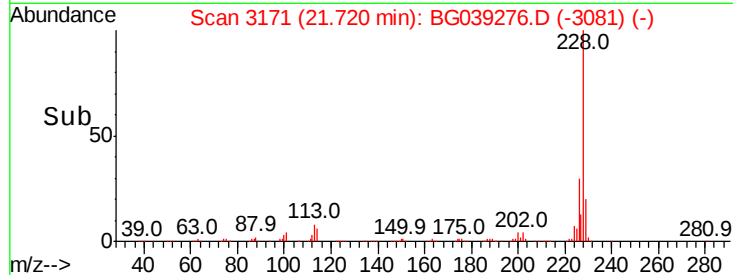
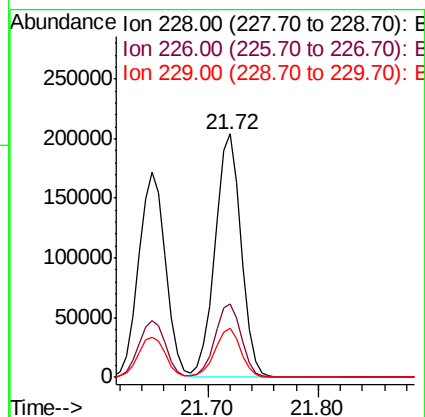
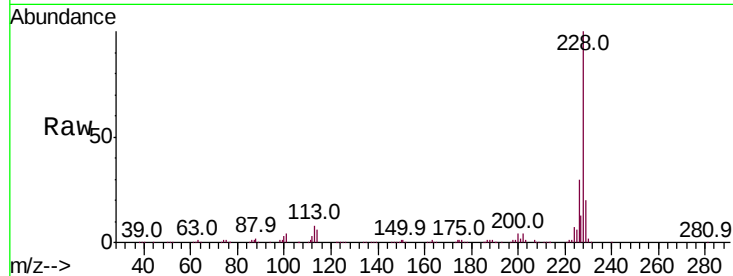
#83
 Chrysene
 Concen: 48.538 ng
 RT: 21.72 min Scan# 3171
 Delta R.T. 0.00 min
 Lab File: BG039276.D
 Acq: 25 Jan 2019 13:25

Instrument :
 BNA_G
 ClientSampled :
 SSTCCCC040

Tot Ion:	228	Resp:	330822
Ion Ratio	Lower	Upper	
228	100		
226	30.0	24.1	36.1
229	20.3	16.0	24.0

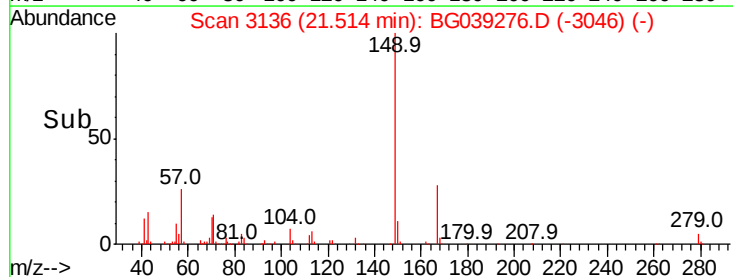
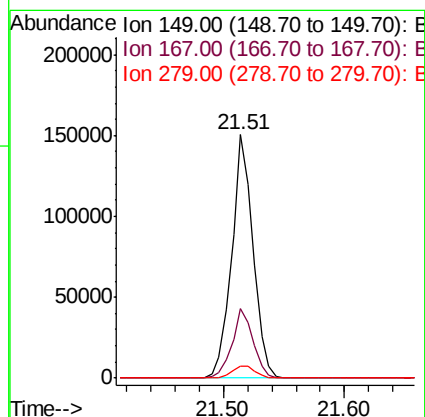
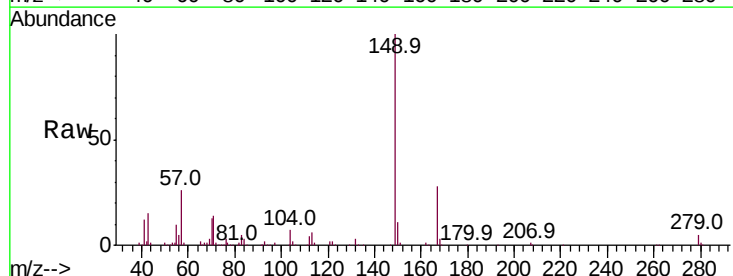
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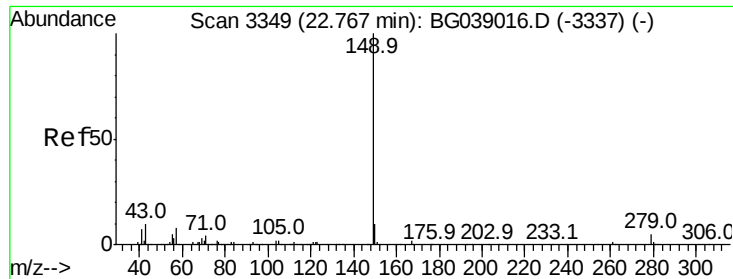
mohammad
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 46.526 ng
 RT: 21.51 min Scan# 3136
 Delta R.T. 0.00 min
 Lab File: BG039276.D
 Acq: 25 Jan 2019 13:25

Tgt Ion:	149	Resp:	184331
Ion Ratio	Lower	Upper	
149	100		
167	28.3	25.0	37.4
279	5.0	4.3	6.5





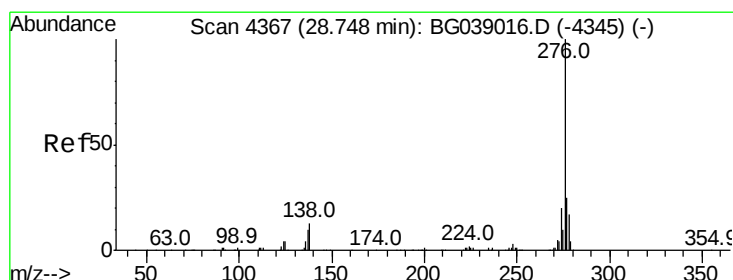
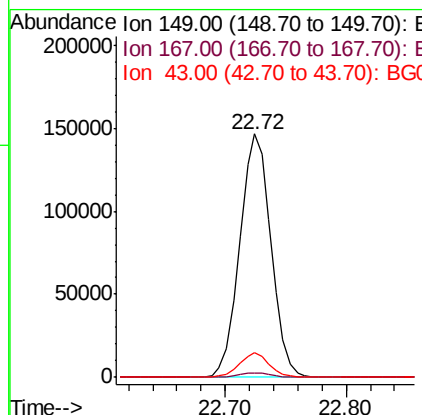
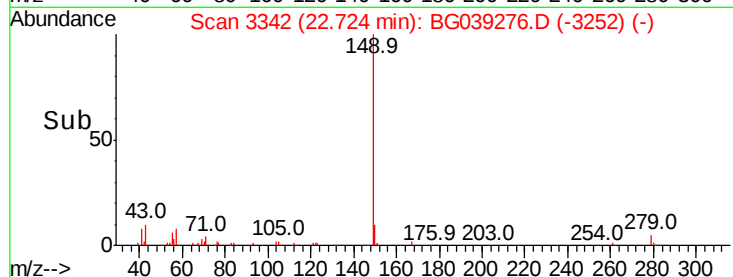
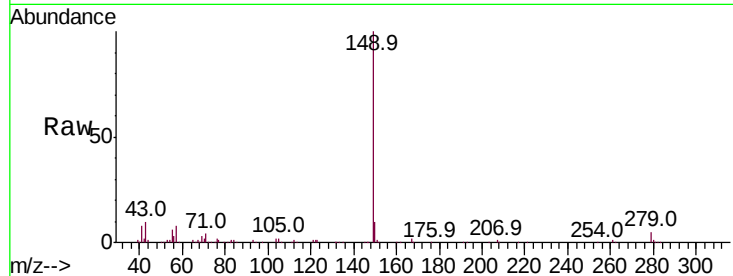
#85
Di-n-octyl phthalate
Concen: 39.279 ng
RT: 22.72 min Scan# 3342
Delta R.T. 0.00 min
Lab File: BG039276.D
Acq: 25 Jan 2019 13:25

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
149	100	263145		
167	1.7		1.3	1.9
43	9.7		7.5	11.3

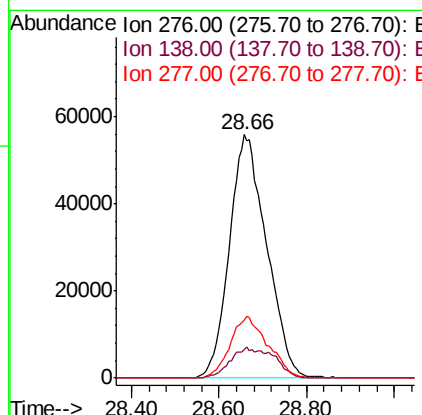
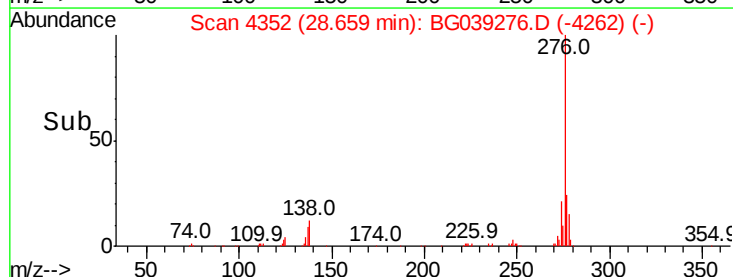
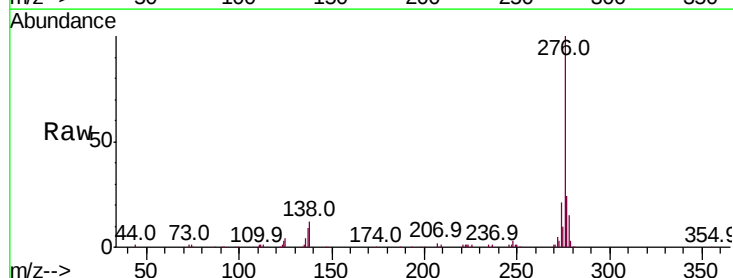
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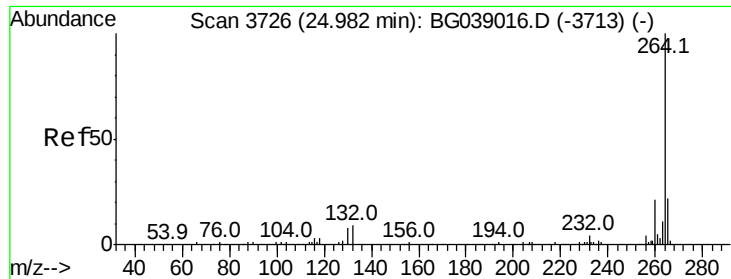
mohammad
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#86
Indeno(1,2,3-cd)pyrene
Concen: 39.714 ng
RT: 28.66 min Scan# 4352
Delta R.T. 0.00 min
Lab File: BG039276.D
Acq: 25 Jan 2019 13:25

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	323438		
138	14.8		8.0	12.0#
277	25.5		20.3	30.5





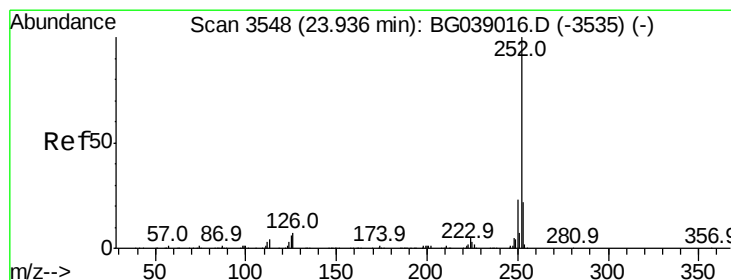
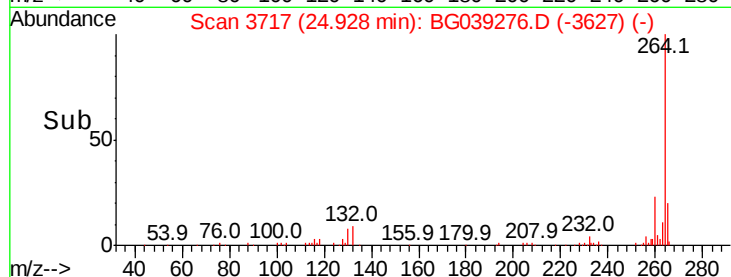
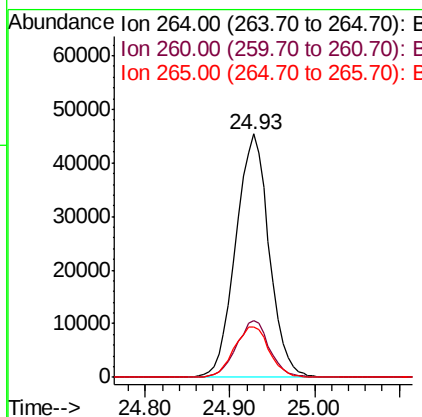
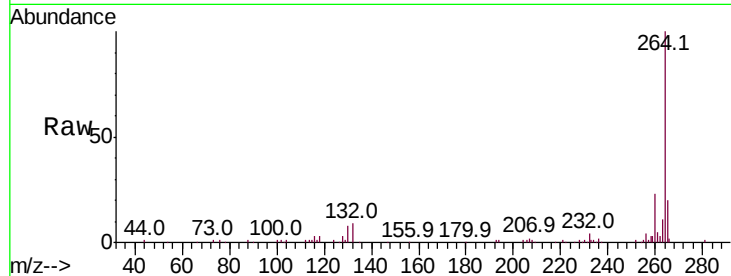
#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.93 min Scan# 3717
 Delta R.T. 0.00 min
 Lab File: BG039276.D
 Acq: 25 Jan 2019 13:25

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	17.0	25.6
265	20.5	17.2	25.8

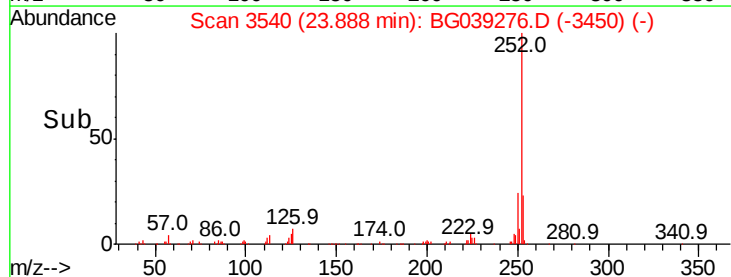
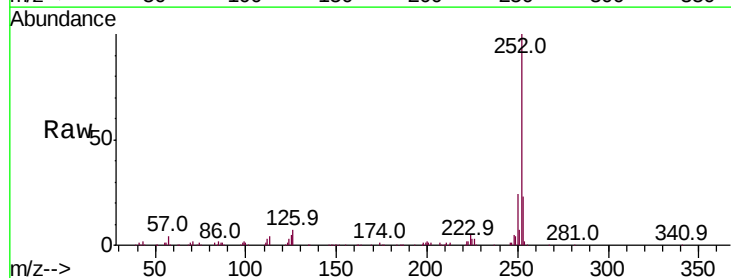
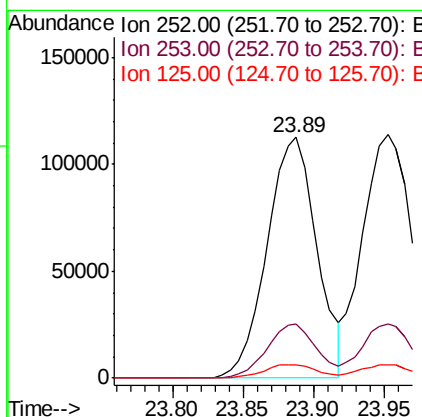
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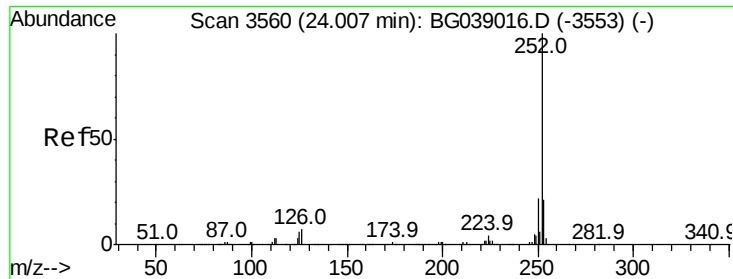
mohammad
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#88
 Benzo(b)fluoranthene
 Concen: 40.571 ng
 RT: 23.89 min Scan# 3540
 Delta R.T. 0.00 min
 Lab File: BG039276.D
 Acq: 25 Jan 2019 13:25

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.8	26.6
125	5.4	4.9	7.3





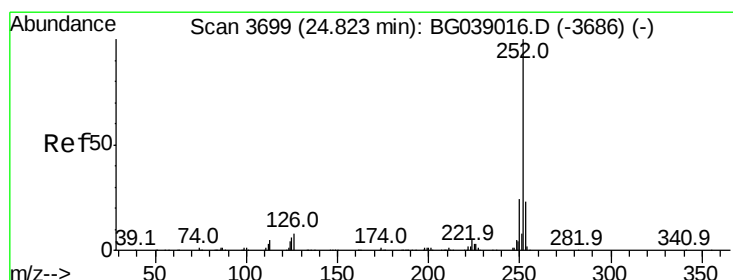
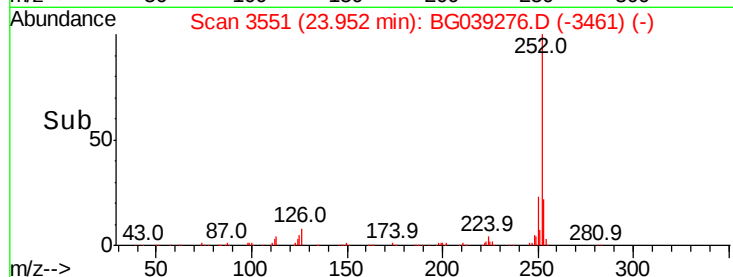
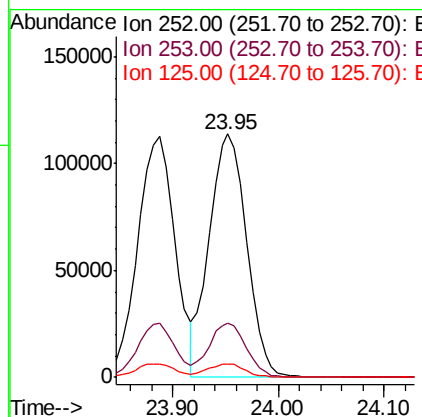
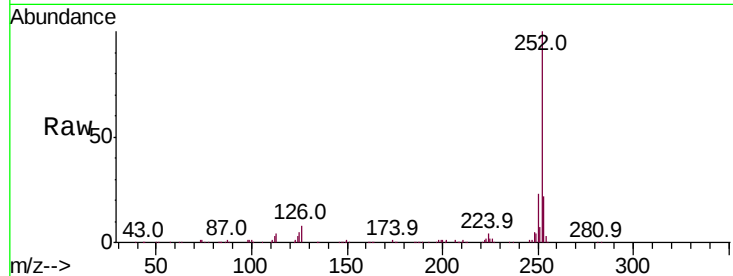
#89
Benzo(k)fluoranthene
Concen: 41.484 ng
RT: 23.95 min Scan# 3551
Delta R.T. 0.00 min
Lab File: BG039276.D
Acq: 25 Jan 2019 13:25

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.1	25.7
125	5.5	4.6	7.0

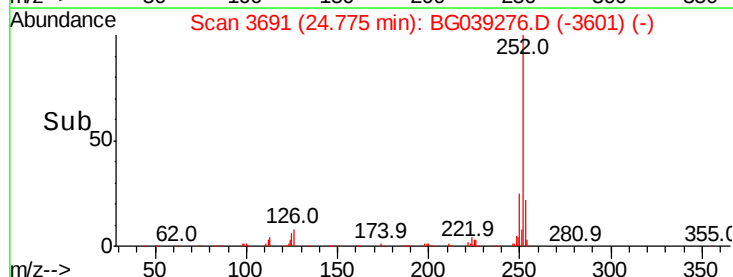
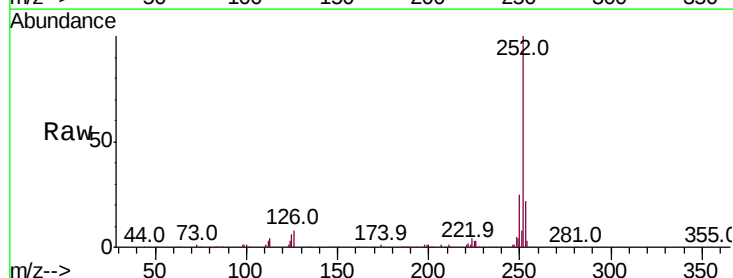
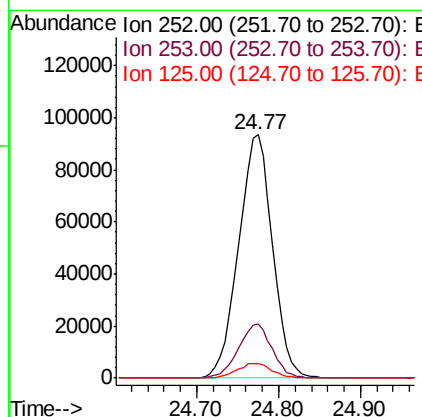
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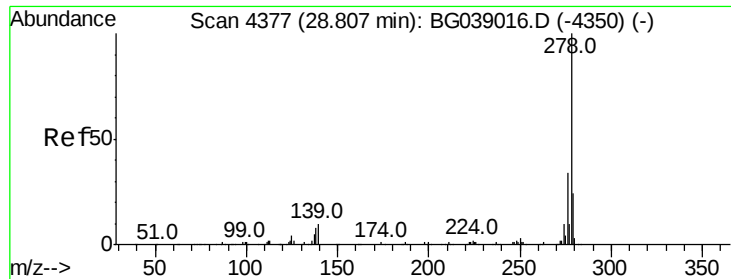
mohammad
1/29/2019 12:25:40 AM



#90
Benzo(a)pyrene
Concen: 40.730 ng
RT: 24.77 min Scan# 3691
Delta R.T. 0.00 min
Lab File: BG039276.D
Acq: 25 Jan 2019 13:25

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.3	27.5
125	5.7	4.9	7.3





#91

Dibenzo(a,h)anthracene

Concen: 40.998 ng

RT: 28.72 min Scan# 4362

Delta R.T. 0.00 min

Lab File: BG039276.D

Acq: 25 Jan 2019 13:25

Instrument :

BNA_G

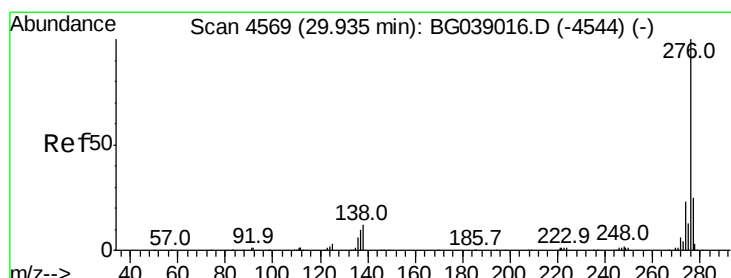
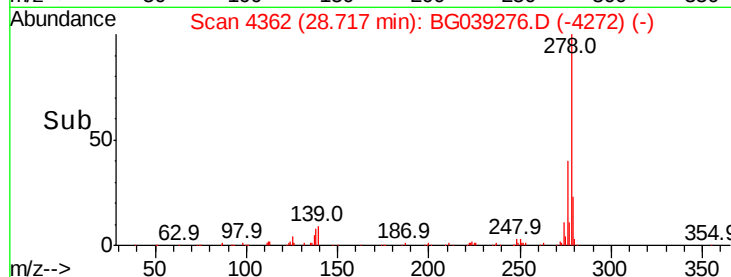
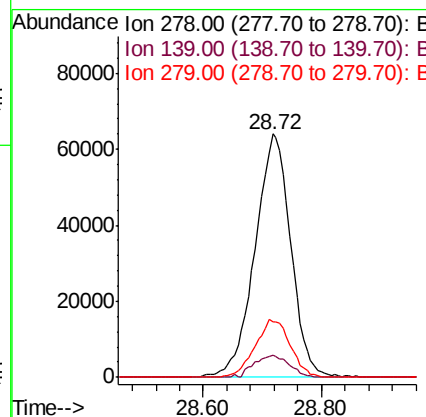
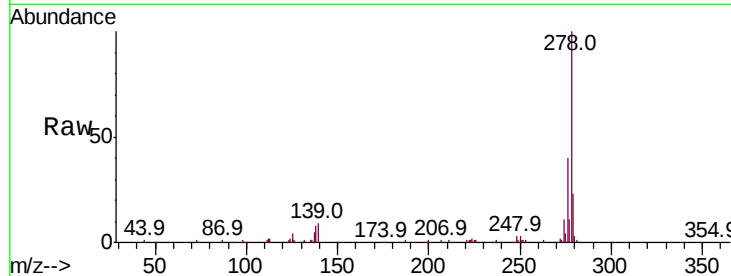
ClientSampleId :

SSTDCCC040

Tot Ion:278	Resp:	269701
Ion Ratio	Lower	Upper
278 100		
139 9.1	7.9	11.9
279 23.0	19.3	28.9

Manual Integrations
APPROVED

mohammad
1/29/2019 12:25:40 AM



#92

Benzo(g,h,i)perylene

Concen: 40.860 ng

RT: 29.84 min Scan# 4553

Delta R.T. 0.00 min

Lab File: BG039276.D

Acq: 25 Jan 2019 13:25

Tgt Ion:276	Resp:	266103
Ion Ratio	Lower	Upper
276 100		
277 23.2	20.3	30.5
138 11.9	9.4	14.2

