

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102319\
 Data File : BG043308.D
 Acq On : 23 Oct 2019 14:50
 Operator : JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

mohammad
 10/24/2019 2:11:32 PM

Quant Time: Oct 24 07:23:23 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 21 16:37:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	31165	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	132501	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	98980	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	241086	20.00	ng	0.00
76) Chrysene-d12	21.67	240	272179	20.00	ng	0.00
87) Perylene-d12	24.87	264	317955	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.60	112	141432	83.16	ng	0.00
7) Phenol-d6	7.20	99	209093	85.45	ng	0.00
23) Nitrobenzene-d5	9.19	82	207733	80.83	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	162227	86.13	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	588746	82.19	ng	0.00
79) Terphenyl-d14	20.01	244	1248512	86.06	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.49	88	28063	42.343	ng	97
3) Pyridine	3.89	79	75593	45.215	ng	99
4) n-Nitrosodimethylamine	3.81	42	34388	40.762	ng	94
6) Aniline	7.35	93	119828	42.510	ng	98
8) 2-Chlorophenol	7.59	128	79229	42.201	ng	95
9) Benzaldehyde	7.17	77	50705	42.165	ng	91
10) Phenol	7.22	94	97416	43.567	ng	98
11) bis(2-Chloroethyl)ether	7.44	93	72825	42.126	ng	94
12) 1,3-Dichlorobenzene	7.91	146	96607	41.070	ng	98
13) 1,4-Dichlorobenzene	8.06	146	96838	40.690	ng	98
14) 1,2-Dichlorobenzene	8.38	146	95188	40.964	ng	96
15) Benzyl Alcohol	8.27	79	73269	42.635	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.55	45	106766	42.473	ng	98
17) 2-Methylphenol	8.48	107	66902	41.043	ng	96
18) Hexachloroethane	9.11	117	36256	42.225	ng	99
19) n-Nitroso-di-n-propylamine	8.83	70	65277	41.284	ng	98
20) 3+4-Methylphenols	8.80	107	91375	40.880	ng	91
22) Acetophenone	8.85	105	138479	40.811	ng	# 98
24) Nitrobenzene	9.23	77	95594	39.045	ng	98
25) Isophorone	9.75	82	191669	40.790	ng	95
26) 2-Nitrophenol	9.94	139	46335	39.200	ng	92
27) 2,4-Dimethylphenol	10.00	122	66245	39.102	ng	94
28) bis(2-Chloroethoxy)methane	10.23	93	103948	40.082	ng	95
29) 2,4-Dichlorophenol	10.49	162	87672	40.390	ng	94
30) 1,2,4-Trichlorobenzene	10.69	180	107675	39.358	ng	99
31) Naphthalene	10.88	128	271384	40.350	ng	99
32) Benzoic acid	10.15	122	40268m	34.310	ng	
33) 4-Chloroaniline	10.99	127	116148	42.129	ng	97
34) Hexachlorobutadiene	11.17	225	79413	39.267	ng	98
35) Caprolactam	11.76	113	31972	42.767	ng	# 81
36) 4-Chloro-3-methylphenol	12.12	107	96839	40.900	ng	96
37) 2-Methylnaphthalene	12.48	142	209875	40.670	ng	94
38) 1-Methylnaphthalene	12.70	142	203188	41.382	ng	96
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	150228	41.011	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	74910	38.929	nq	95
43) 2,4,6-Trichlorophenol	13.09	196	90329	41.873	nq	96
44) 2,4,5-Trichlorophenol	13.17	196	92232	42.290	nq	98
46) 1,1'-Biphenyl	13.49	154	309377	41.087	nq	99
47) 2-Chloronaphthalene	13.53	162	234086	40.858	nq	98
48) 2-Nitroaniline	13.73	65	74771	43.666	nq	97
49) Acenaphthylene	14.37	152	370449	41.545	nq	96
50) Dimethylphthalate	14.11	163	327700	42.743	nq	99
51) 2,6-Dinitrotoluene	14.23	165	72077	43.275	nq	97
52) Acenaphthene	14.72	154	225687	41.504	nq	96
53) 3-Nitroaniline	14.56	138	70229	43.673	nq	92
54) 2,4-Dinitrophenol	14.77	184	36208	38.927	nq	96
55) Dibenzofuran	15.05	168	371282	42.104	nq	100
56) 4-Nitrophenol	14.89	139	48718	45.209	nq	92
57) 2,4-Dinitrotoluene	15.02	165	100154	42.076	nq	# 98
58) Fluorene	15.70	166	316301	42.767	nq	100
59) 2,3,4,6-Tetrachlorophenol	15.29	232	101592	43.844	nq	# 99
60) Diethylphthalate	15.47	149	330549	42.910	nq	96
61) 4-Chlorophenyl-phenylether	15.69	204	184171	42.686	nq	96
62) 4-Nitroaniline	15.73	138	75429	45.419	nq	88
63) Azobenzene	15.98	77	268421	43.054	nq	96
65) 4,6-Dinitro-2-methylphenol	15.78	198	58408	41.167	nq	96
66) n-Nitrosodiphenylamine	15.91	169	279218	41.022	nq	98
67) 4-Bromophenyl-phenylether	16.58	248	133498	41.146	nq	97
68) Hexachlorobenzene	16.71	284	153688	41.267	nq	99
69) Atrazine	16.85	200	98456	41.629	nq	94
70) Pentachlorophenol	17.05	266	72713	42.848	nq	99
71) Phenanthrene	17.44	178	522685	42.338	nq	100
72) Anthracene	17.53	178	518898	42.010	nq	98
73) Carbazole	17.81	167	474704	42.439	nq	98
74) Di-n-butylphthalate	18.36	149	587071	43.256	nq	98
75) Fluoranthene	19.45	202	706105	43.872	nq	98
77) Benzidine	19.63	184	237950	43.440	nq	98
78) Pyrene	19.81	202	710960	42.200	nq	100
80) Butylbenzylphthalate	20.70	149	264576	41.451	nq	97
81) Benzo(a)anthracene	21.65	228	733576	43.027	nq	99
82) 3,3'-Dichlorobenzidine	21.57	252	288676	43.777	nq	96
83) Chrysene	21.71	228	708507	41.826	nq	100
84) Bis(2-ethylhexyl)phthalate	21.55	149	384421	42.398	nq	98
85) Di-n-octyl phthalate	22.75	149	634864	41.271	nq	99
86) Indeno(1,2,3-cd)pyrene	28.52	276	897257	42.197	nq	# 97
88) Benzo(b)fluoranthene	23.85	252	759147	42.156	nq	98
89) Benzo(k)fluoranthene	23.92	252	756391	41.723	nq	98
90) Benzo(a)pyrene	24.72	252	719427	41.836	nq	98
91) Dibenzo(a,h)anthracene	28.58	278	743475	42.269	nq	98
92) Benzo(g,h,i)perylene	29.66	276	726473	41.871	nq	98

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



#1

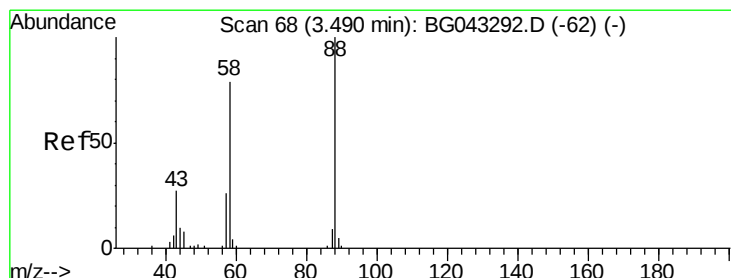
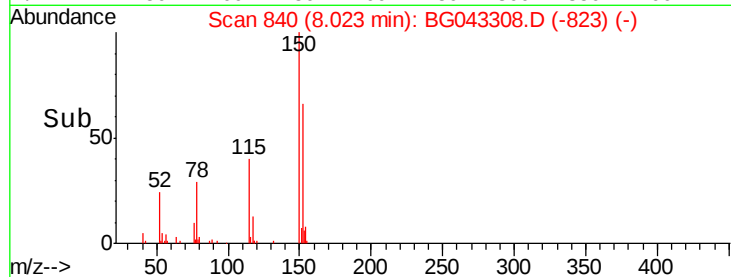
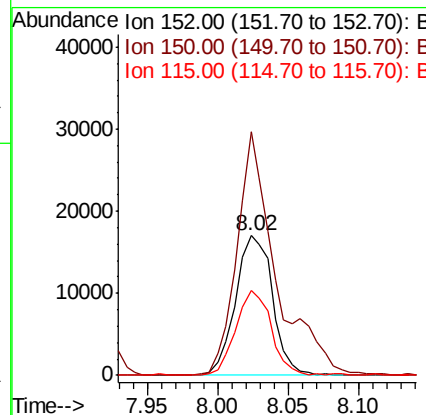
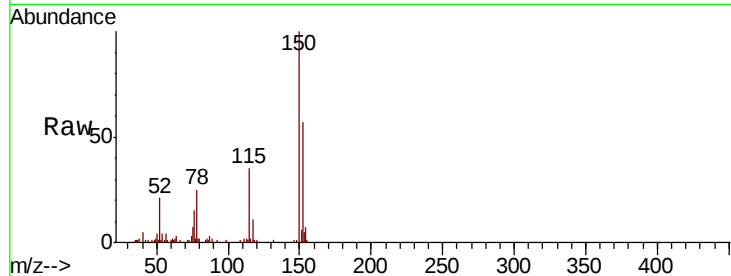
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 840
Delta R.T. -0.00 min
Lab File: BG043308.D
Acq: 23 Oct 2019 14:50

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	174.7	113.6	170.4#
115	60.6	45.9	68.9

Manual Integrations
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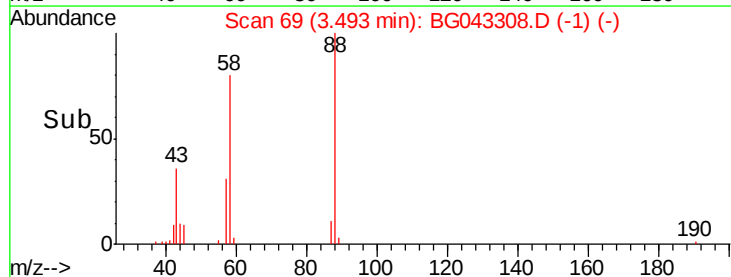
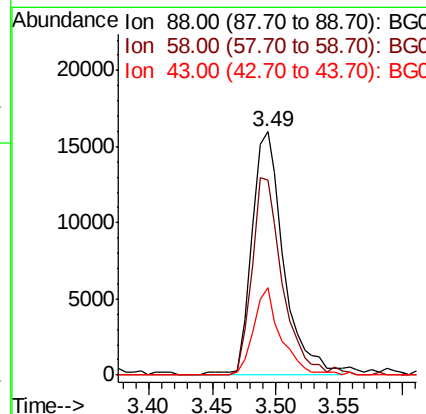
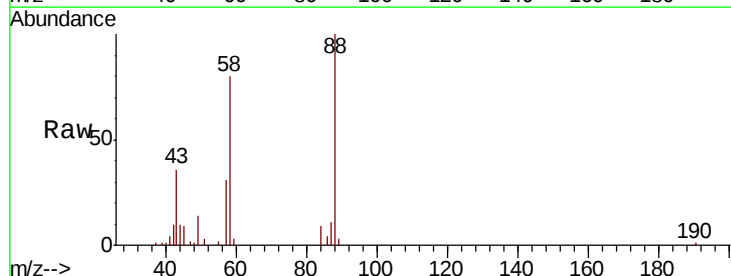
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#2

1,4-Dioxane
Concen: 42.343 ng
RT: 3.49 min Scan# 69
Delta R.T. 0.00 min
Lab File: BG043308.D
Acq: 23 Oct 2019 14:50

Tgt Ion	Ratio	Lower	Upper
88	100		
58	77.5	60.2	90.2
43	30.7	22.7	34.1





#3

Pvridine

Concen: 45.215 ng

RT: 3.89 min Scan# 137

Delta R.T. -0.00 min

Lab File: BG043308.D

Acq: 23 Oct 2019 14:50

Instrument :

BNA_G

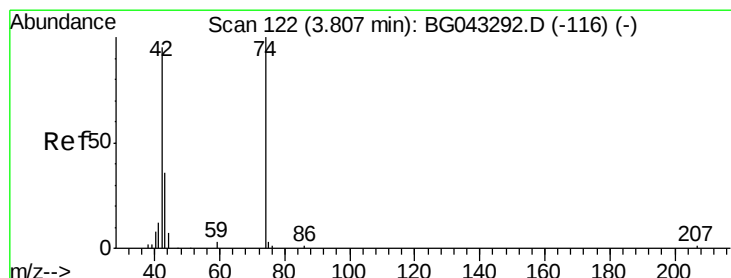
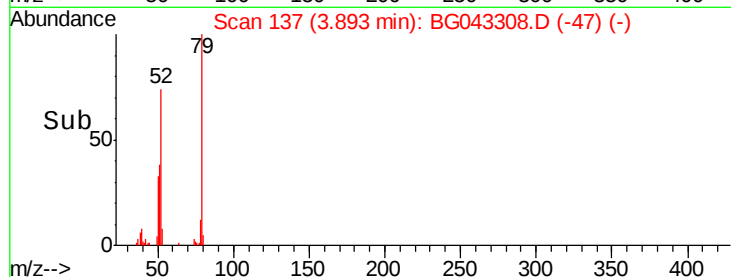
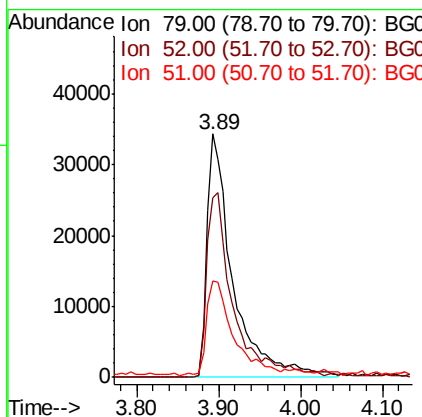
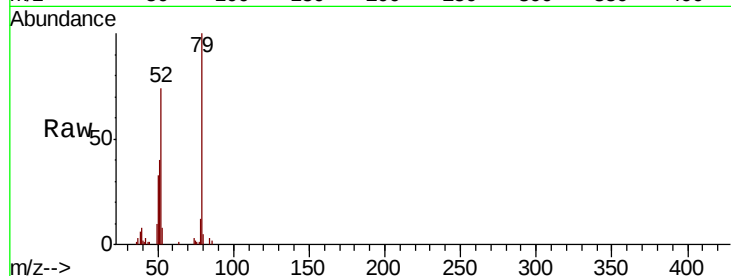
ClientSampleId :

SSTDCCC040

Tot Ion:	79	Resp:	75593
Ion	Ratio	Lower	Upper
79	100		
52	73.5	59.7	89.5
51	39.8	31.8	47.6

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 40.762 ng

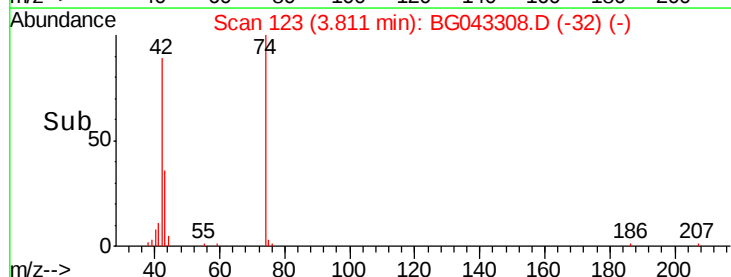
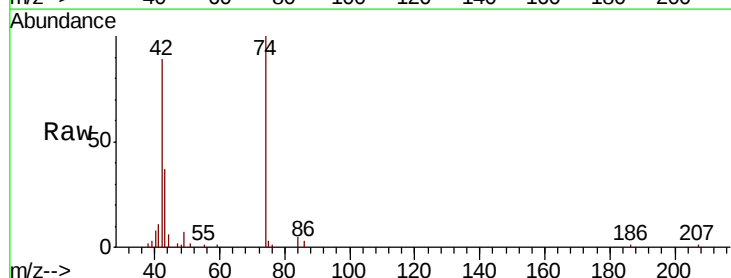
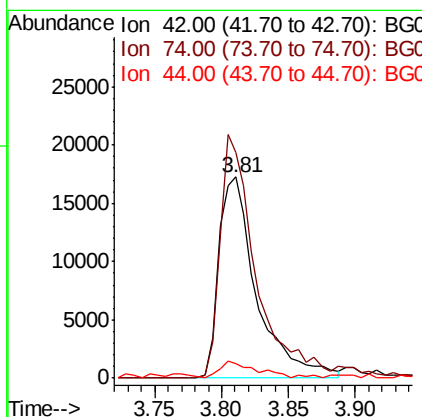
RT: 3.81 min Scan# 123

Delta R.T. 0.00 min

Lab File: BG043308.D

Acq: 23 Oct 2019 14:50

Tgt Ion:	42	Resp:	34388
Ion	Ratio	Lower	Upper
42	100		
74	111.9	84.2	126.2
44	7.0	6.0	9.0





#5

2-Fluorophenol

Concen: 83.160 ng

RT: 5.60 min Scan# 428

Delta R.T. -0.00 min

Lab File: BG043308.D

Acq: 23 Oct 2019 14:50

Instrument :

BNA_G

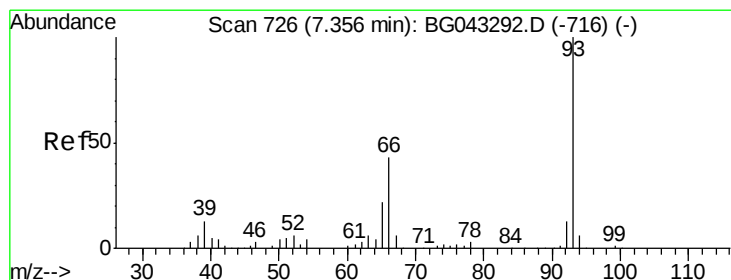
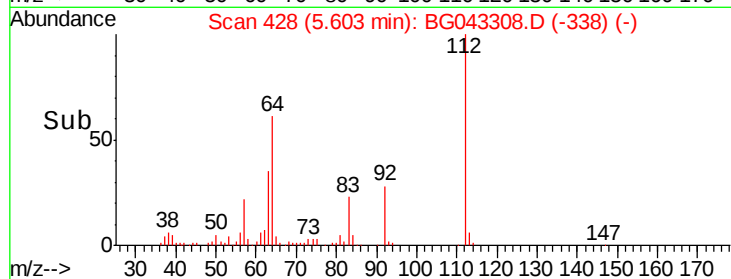
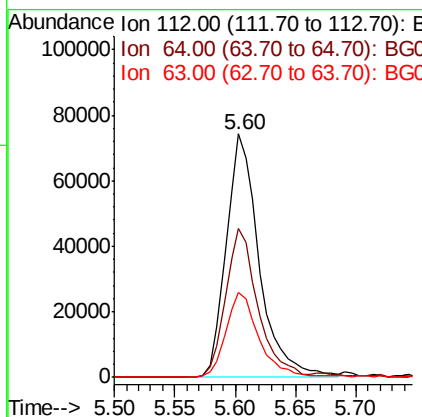
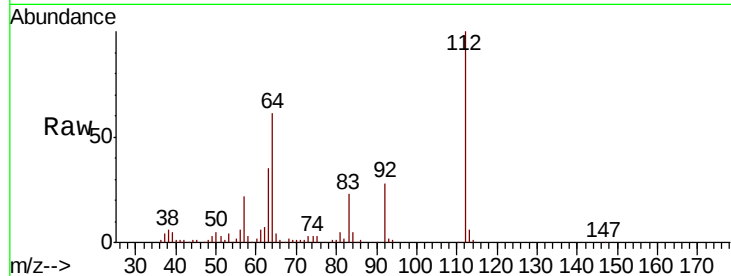
ClientSampleId :

SSTDCCC040

Tot Ion:	112	Resp:	141432
Ion Ratio	Lower	Upper	
112	100		
64	61.3	50.2	75.2
63	34.9	26.7	40.1

Manual Integrations
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#6

Aniline

Concen: 42.510 ng

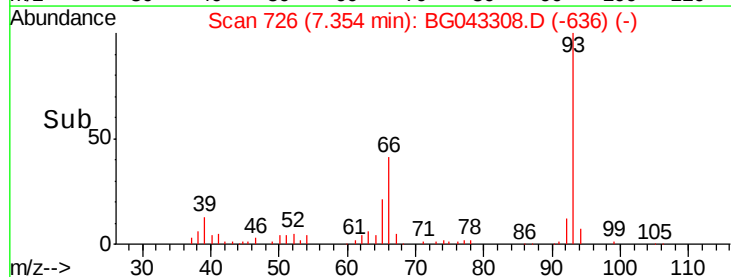
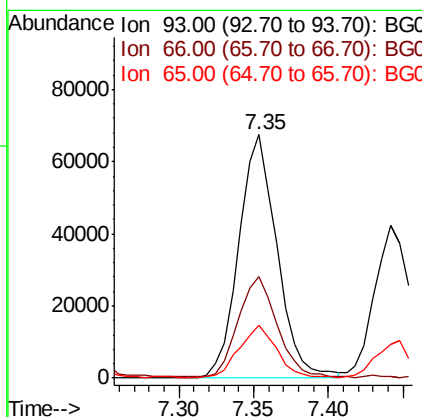
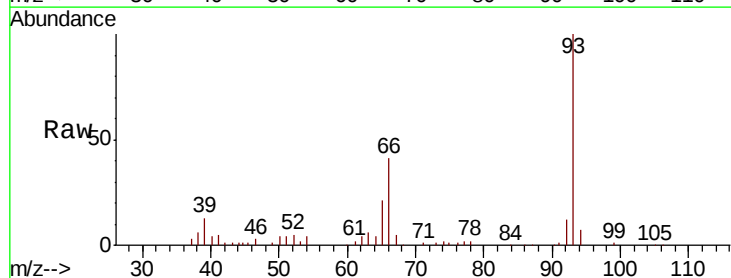
RT: 7.35 min Scan# 726

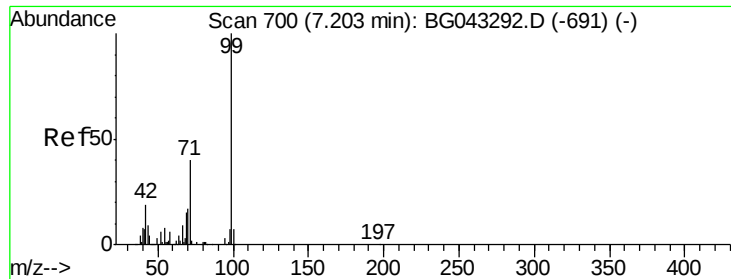
Delta R.T. -0.00 min

Lab File: BG043308.D

Acq: 23 Oct 2019 14:50

Tgt Ion:	93	Resp:	119828
Ion Ratio	Lower	Upper	
93	100		
66	41.5	34.5	51.7
65	21.5	18.0	27.0





#7

Phenol-d6

Concen: 85.450 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.00 min

Lab File: BG043308.D

Acq: 23 Oct 2019 14:50

Instrument :

BNA_G

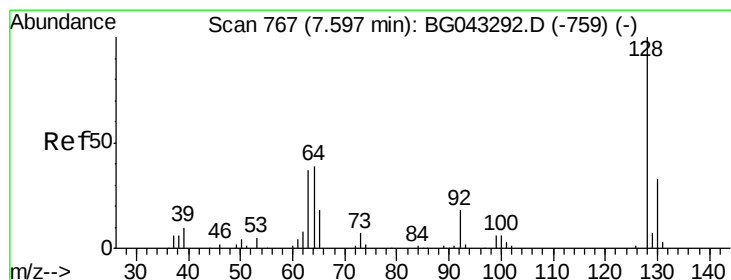
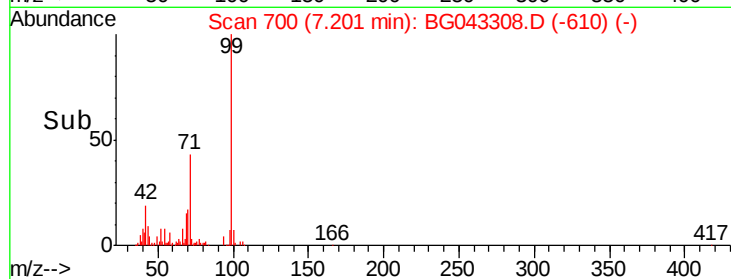
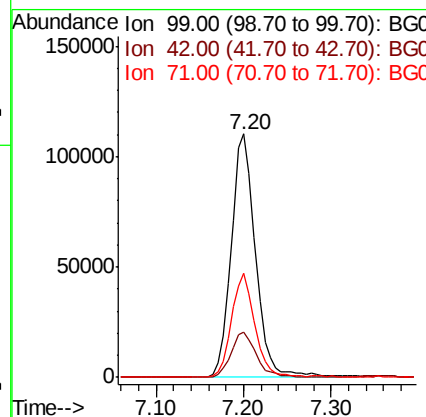
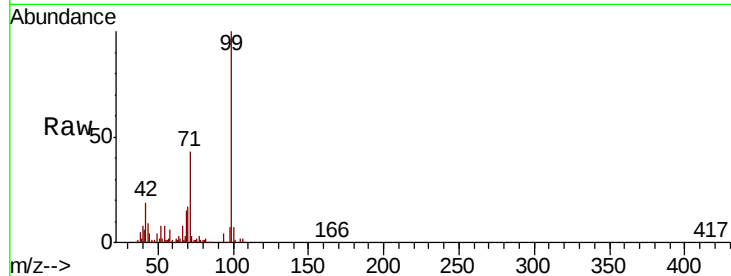
ClientSampled :

SSTDCCC040

Tot Ion:	99	Resp:	209093
Ion	Ratio	Lower	Upper
99	100		
42	18.7	14.9	22.3
71	43.0	32.2	48.2

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#8

2-Chlorophenol

Concen: 42.201 ng

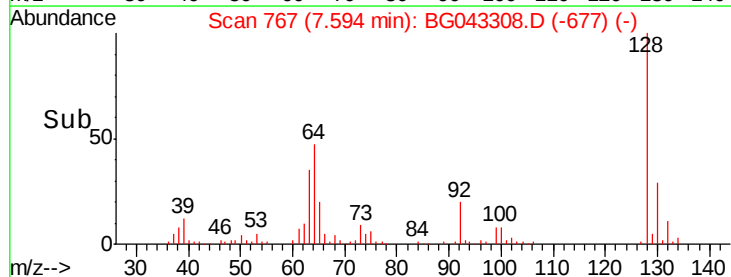
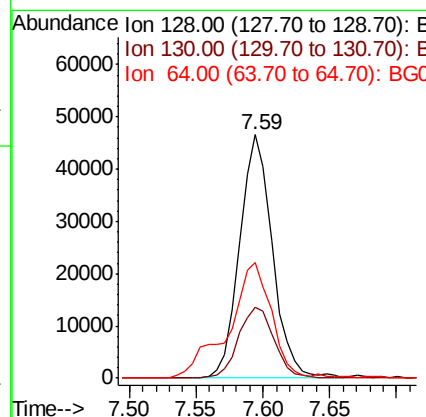
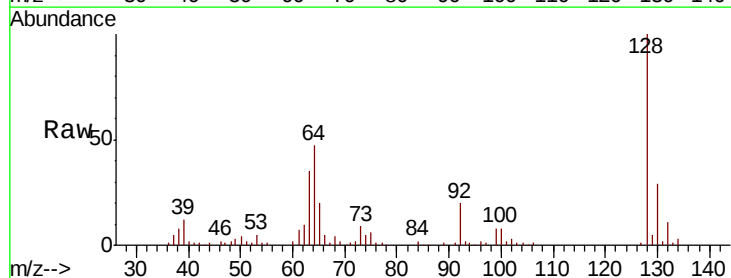
RT: 7.59 min Scan# 767

Delta R.T. -0.00 min

Lab File: BG043308.D

Acq: 23 Oct 2019 14:50

Tgt Ion:	128	Resp:	79229
Ion	Ratio	Lower	Upper
128	100		
130	29.1	12.9	52.9
64	47.5	24.9	64.9





#9

Benzaldehyde

Concen: 42.165 ng

RT: 7.17 min Scan# 694

Delta R.T. -0.00 min

Lab File: BG043308.D

Acq: 23 Oct 2019 14:50

Instrument :

BNA_G

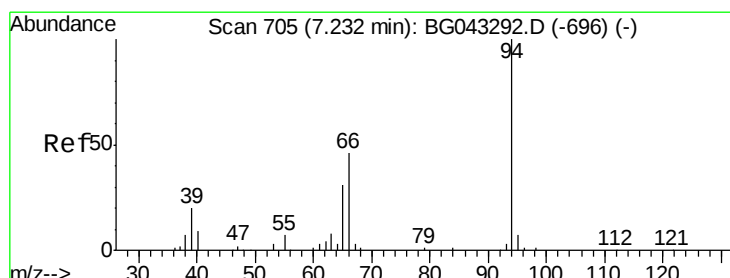
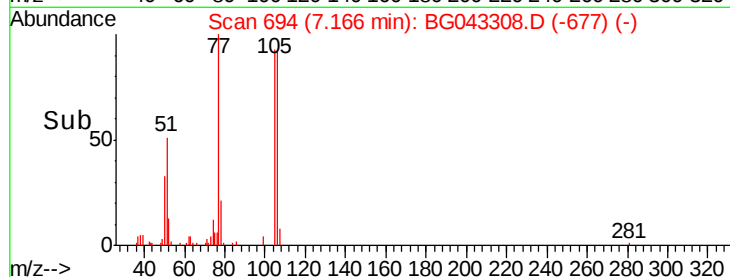
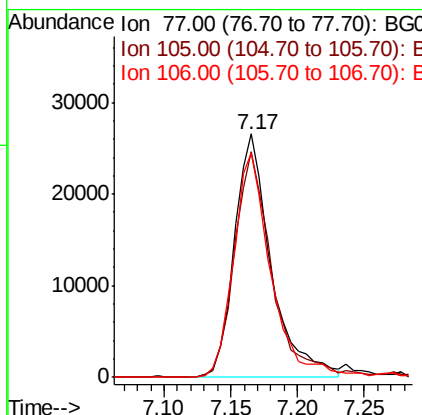
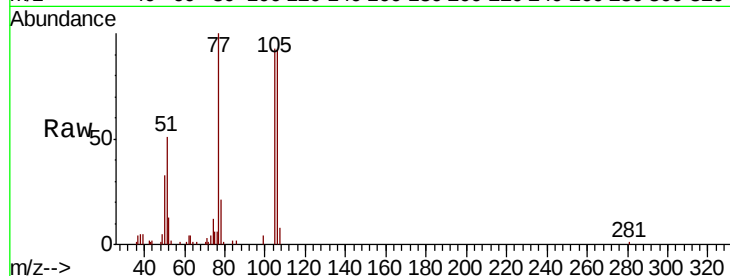
ClientSampleId :

SSTDCCC040

Tot Ion:	77	Resp:	50705
Ion	Ratio	Lower	Upper
77	100		
105	92.7	68.7	108.7
106	92.3	60.5	100.5

Manual Integrations
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#10

Phenol

Concen: 43.567 ng

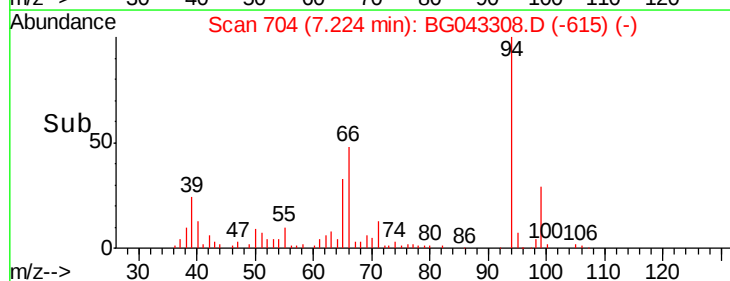
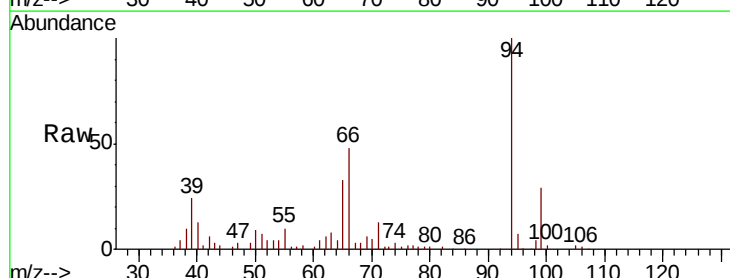
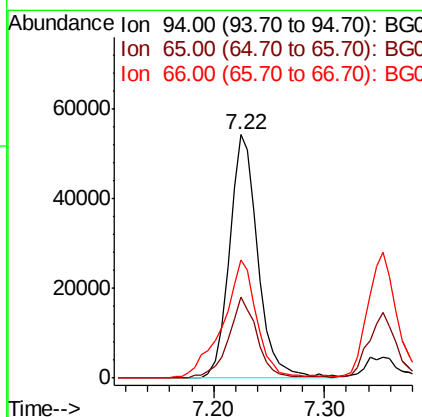
RT: 7.22 min Scan# 704

Delta R.T. -0.01 min

Lab File: BG043308.D

Acq: 23 Oct 2019 14:50

Tgt Ion:	94	Resp:	97416
Ion	Ratio	Lower	Upper
94	100		
65	33.4	11.1	51.1
66	48.5	27.8	67.8





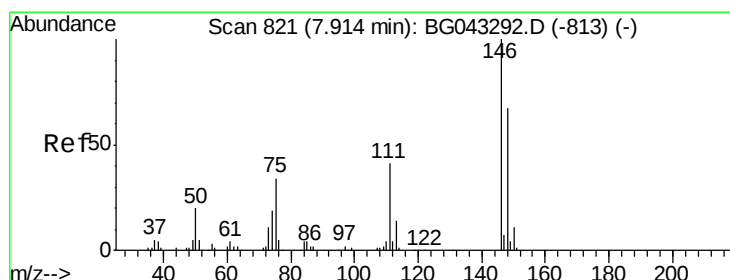
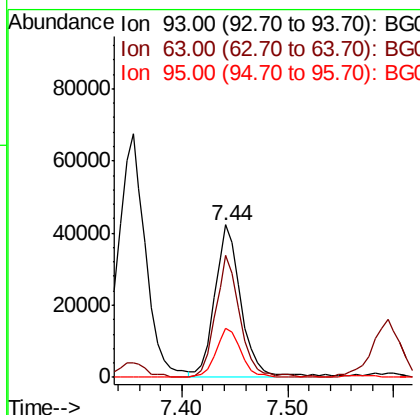
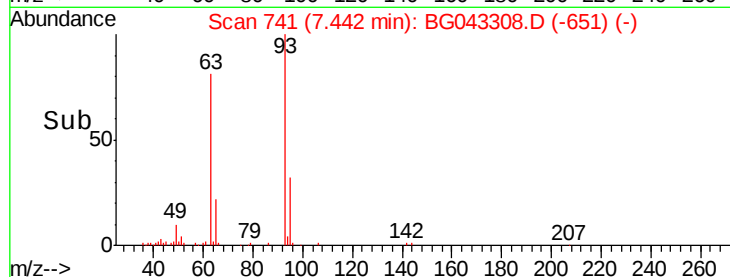
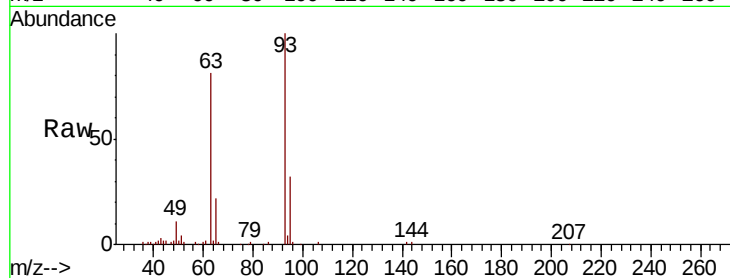
#11
bis(2-Chloroethyl)ether
Concen: 42.126 ng
RT: 7.44 min Scan# 741
Delta R.T. -0.00 min
Lab File: BG043308.D
Acq: 23 Oct 2019 14:50

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
93	100		
63	80.6	54.6	94.6
95	32.0	9.7	49.7

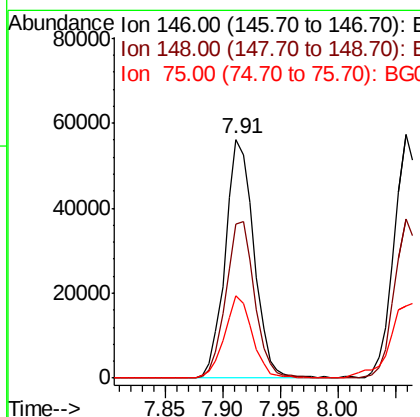
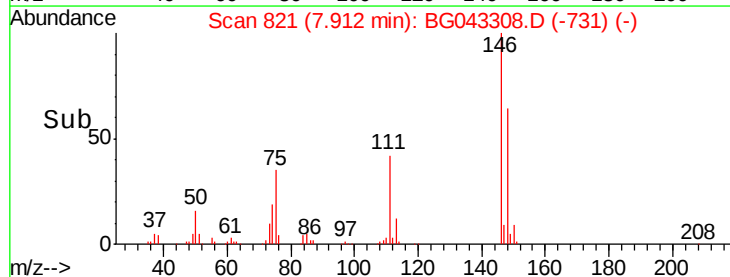
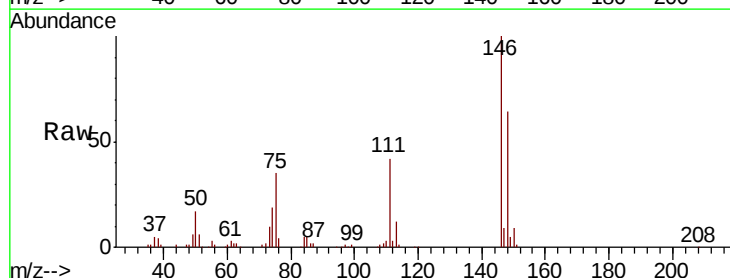
Manual Integrations
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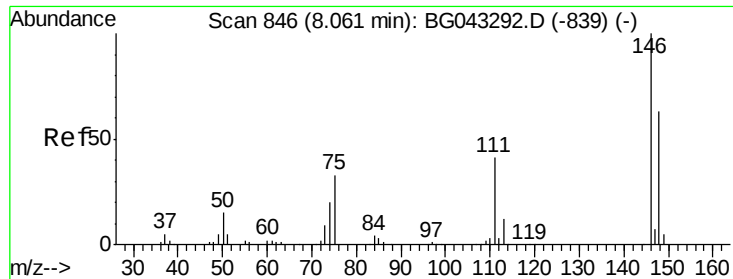
mohammad
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#12
1,3-Dichlorobenzene
Concen: 41.070 ng
RT: 7.91 min Scan# 821
Delta R.T. -0.00 min
Lab File: BG043308.D
Acq: 23 Oct 2019 14:50

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.4	53.4	80.2
75	34.6	27.0	40.4





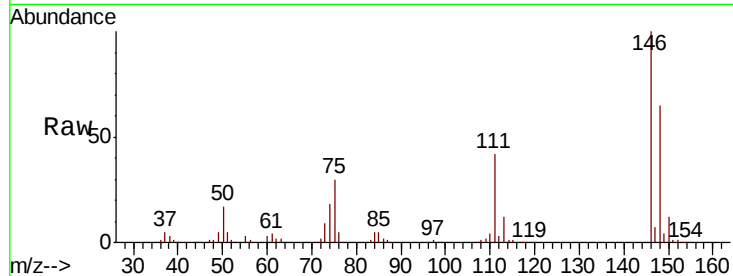
#13
1,4-Dichlorobenzene
Concen: 40.690 ng
RT: 8.06 min Scan# 846
Delta R.T. -0.00 min
Lab File: BG043308.D
Acq: 23 Oct 2019 14:50

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.3	50.7	76.1
111	41.7	33.0	49.6

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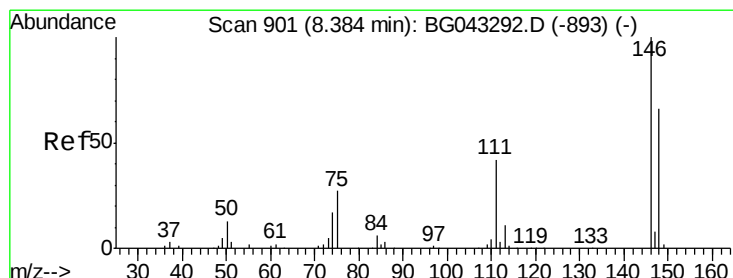
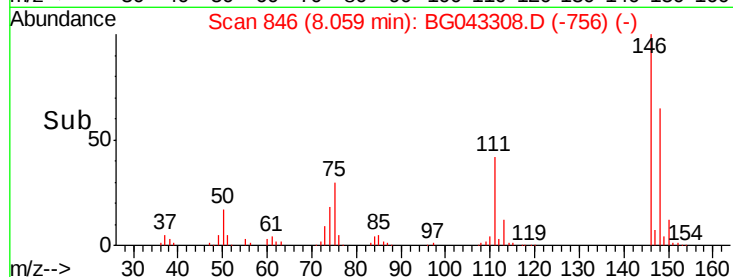
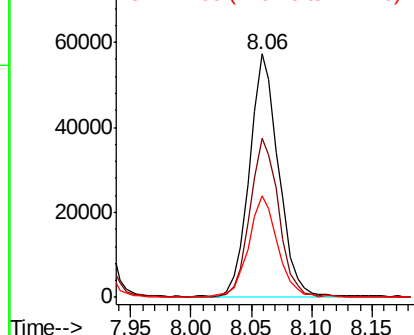


Abundance

Ion 146.00 (145.70 to 146.70): E

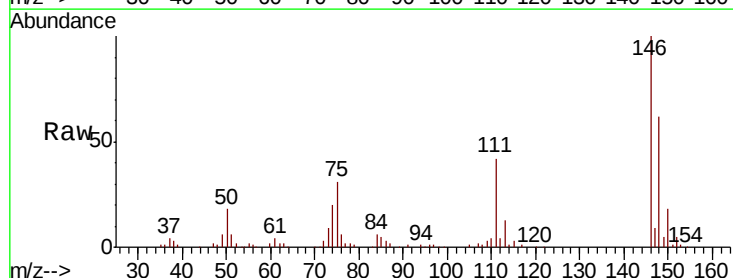
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
1,2-Dichlorobenzene
Concen: 40.964 ng
RT: 8.38 min Scan# 901
Delta R.T. -0.00 min
Lab File: BG043308.D
Acq: 23 Oct 2019 14:50

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.0	53.0	79.4
111	41.5	34.5	51.7

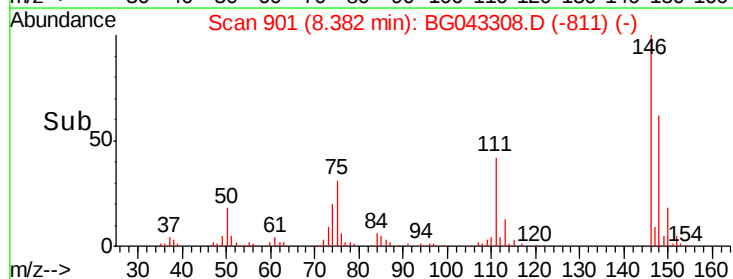
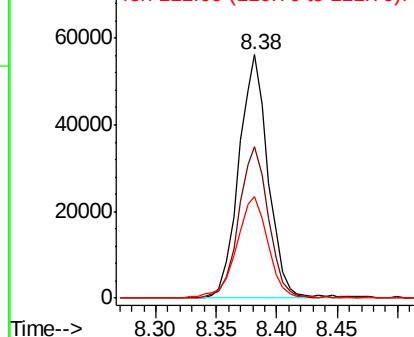


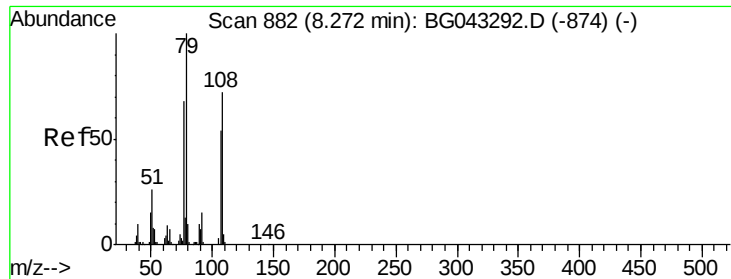
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 42.635 ng

RT: 8.27 min Scan# 882

Delta R.T. -0.00 min

Lab File: BG043308.D

Acq: 23 Oct 2019 14:50

Instrument :

BNA_G

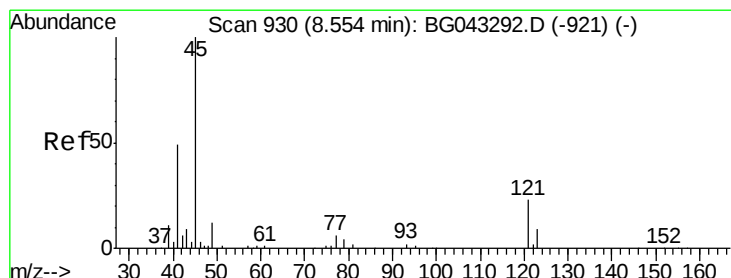
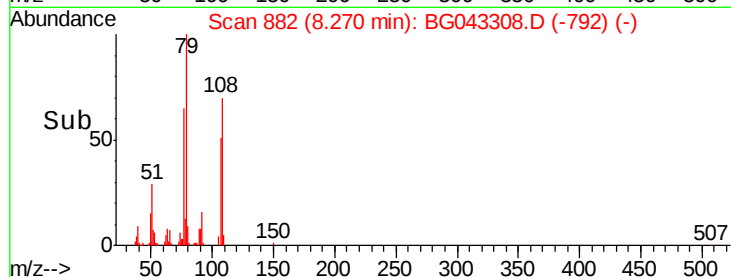
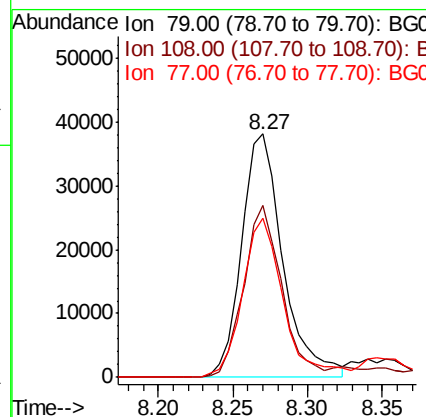
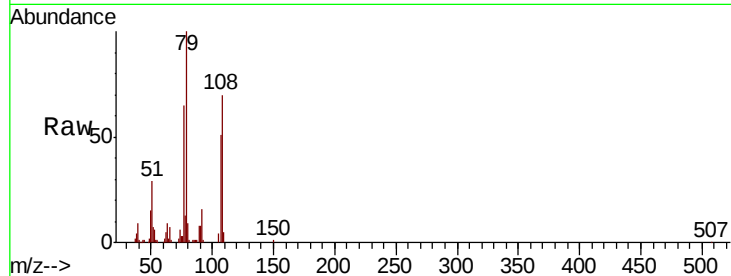
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Lower	Upper
79	100		
108	70.4	57.3	85.9
77	65.5	54.6	81.8

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.473 ng

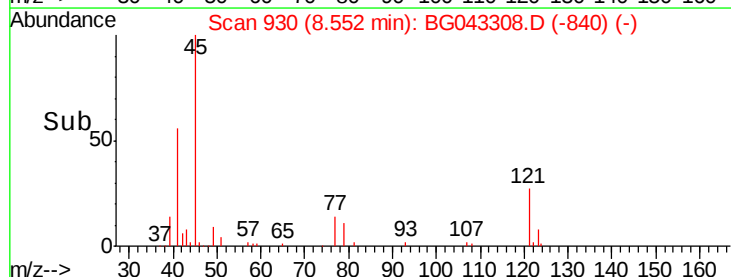
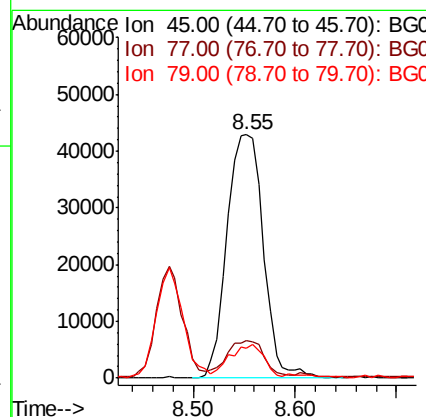
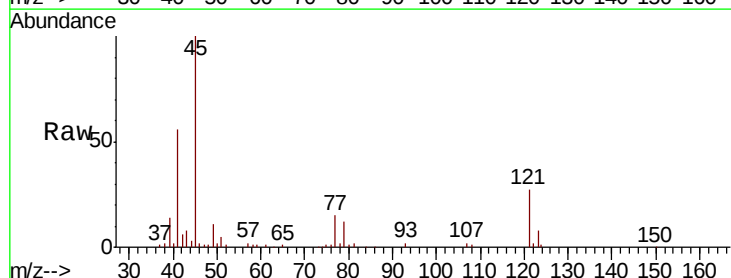
RT: 8.55 min Scan# 930

Delta R.T. -0.00 min

Lab File: BG043308.D

Acq: 23 Oct 2019 14:50

Tgt Ion	Ratio	Lower	Upper
45	100		
77	15.3	0.0	34.2
79	12.4	0.0	32.3





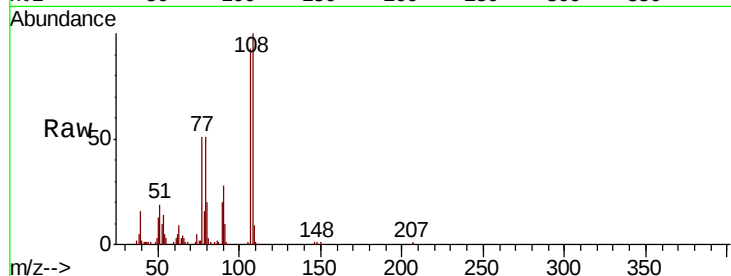
#17
2-Methylphenol
Concen: 41.043 ng
RT: 8.48 min Scan# 917
Delta R.T. -0.00 min
Lab File: BG043308.D
Acq: 23 Oct 2019 14:50

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

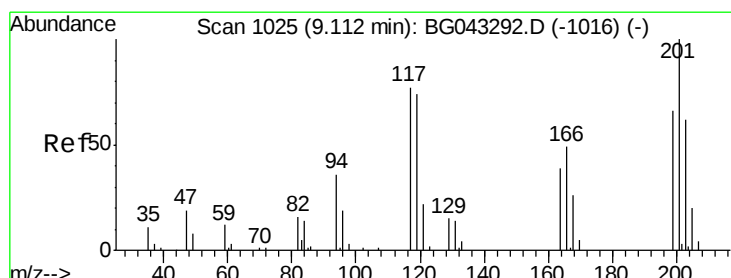
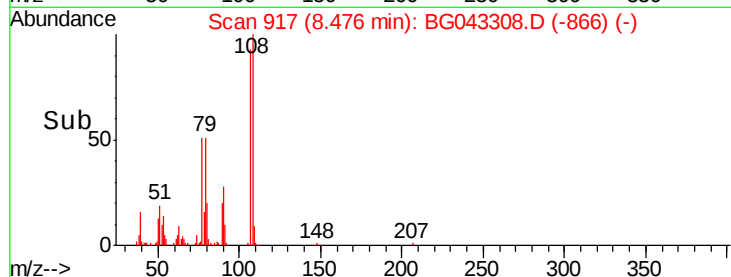
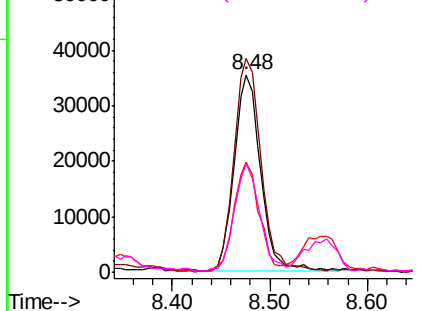
Tot Ion	Ratio	Lower	Upper
107	100		
108	108.0	91.3	136.9
77	55.4	43.0	64.6
79	54.8	43.4	65.2

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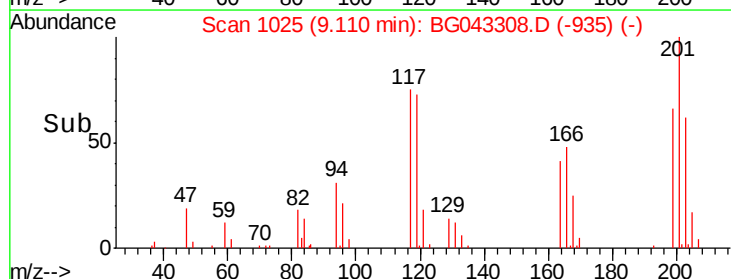
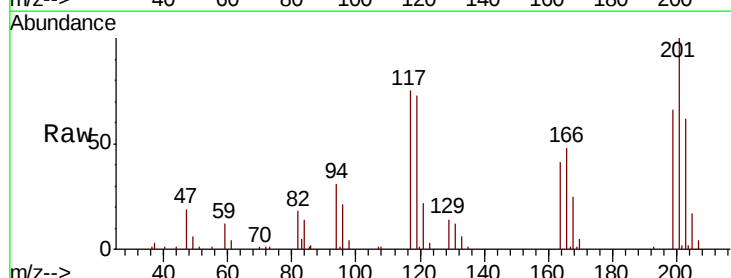
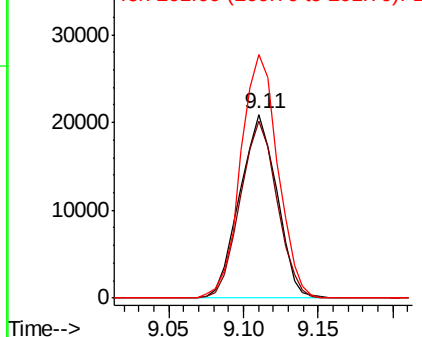
Abundance Ion 107.00 (106.70 to 107.70): E
60000 Ion 108.00 (107.70 to 108.70): E
50000 Ion 77.00 (76.70 to 77.70): BG
40000 Ion 79.00 (78.70 to 79.70): BG

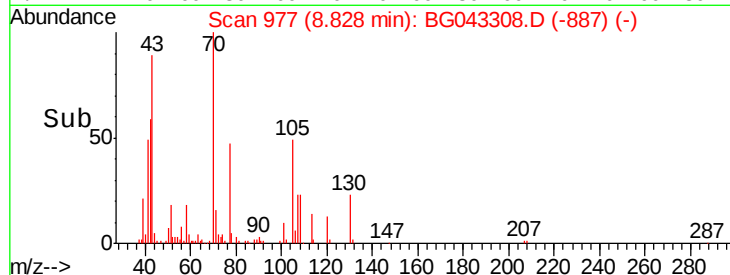
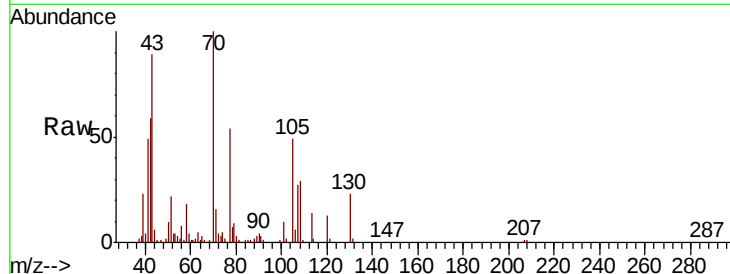
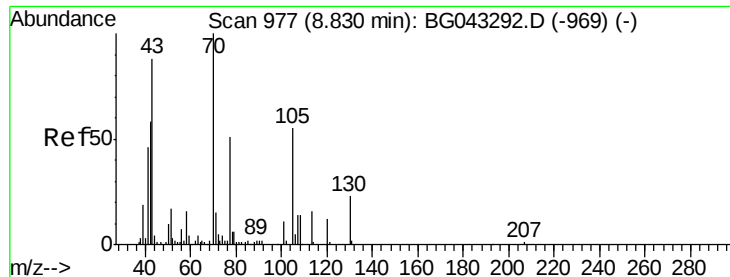


#18
Hexachloroethane
Concen: 42.225 ng
RT: 9.11 min Scan# 1025
Delta R.T. -0.00 min
Lab File: BG043308.D
Acq: 23 Oct 2019 14:50

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.5	77.3	115.9
201	132.6	104.2	156.4

Abundance Ion 117.00 (116.70 to 117.70): E
30000 Ion 119.00 (118.70 to 119.70): E
20000 Ion 201.00 (200.70 to 201.70): E





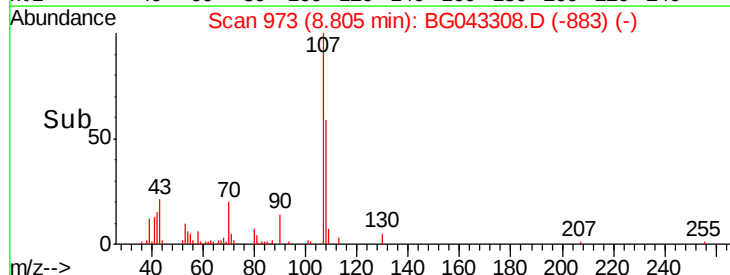
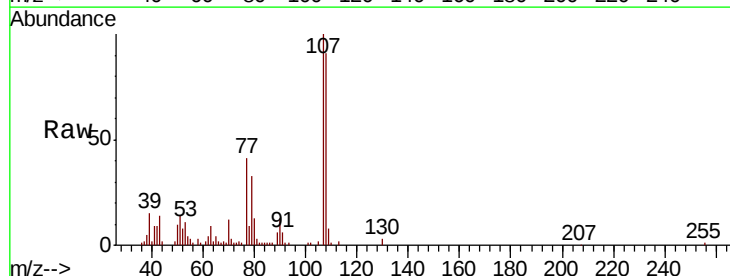
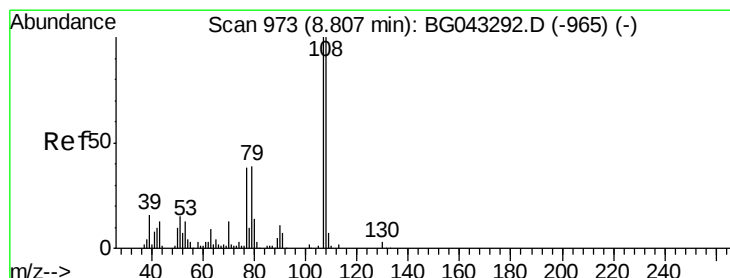
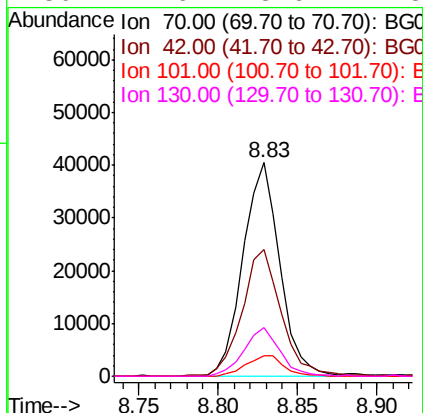
#19
n-Nitroso-di-n-propylamine
Concen: 41.284 ng
RT: 8.83 min Scan# 977
Delta R.T. -0.00 min
Lab File: BG043308.D
Acq: 23 Oct 2019 14:50

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	59.2	46.2	69.2	
101	9.8	8.6	13.0	
130	22.6	18.6	27.8	

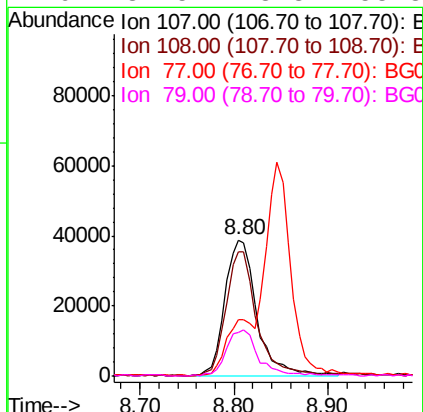
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#20
3+4-Methylphenols
Concen: 40.880 ng
RT: 8.80 min Scan# 973
Delta R.T. -0.00 min
Lab File: BG043308.D
Acq: 23 Oct 2019 14:50

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	90.9	80.3	120.3	
77	41.4	18.2	58.2	
79	32.5	18.8	58.8	





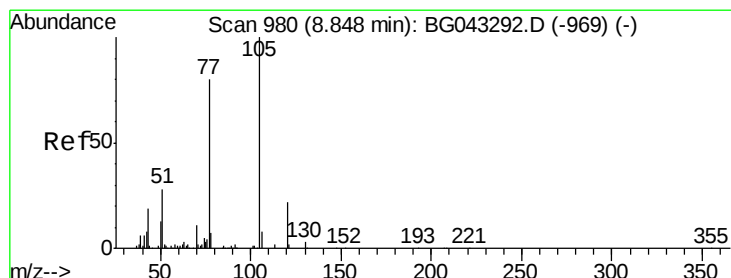
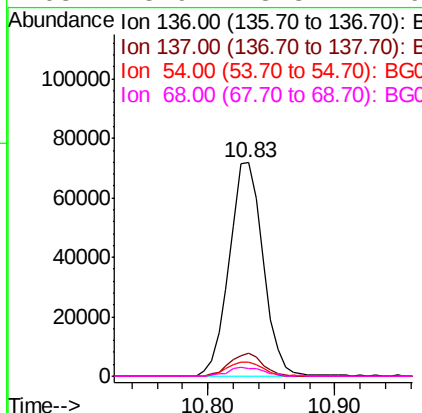
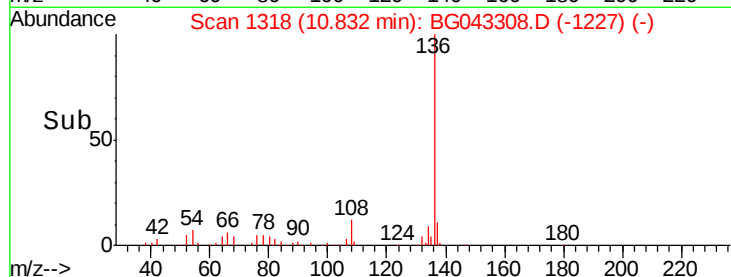
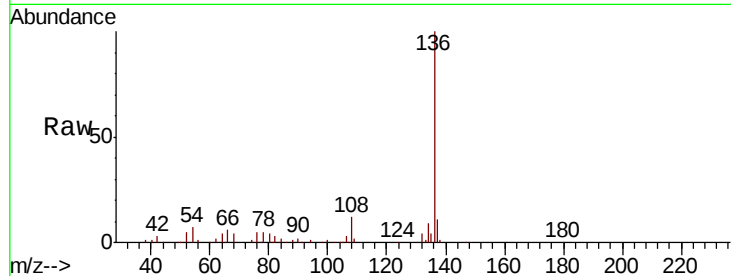
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1318
Delta R.T. 0.00 min
Lab File: BG043308.D
Acq: 23 Oct 2019 14:50

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		132501		
137	11.0		8.2	12.2	
54	6.9		5.4	8.2	
68	3.9		3.3	4.9	

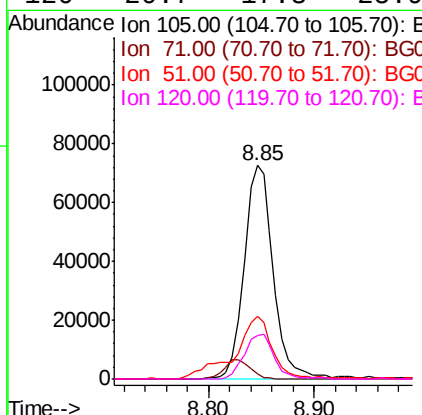
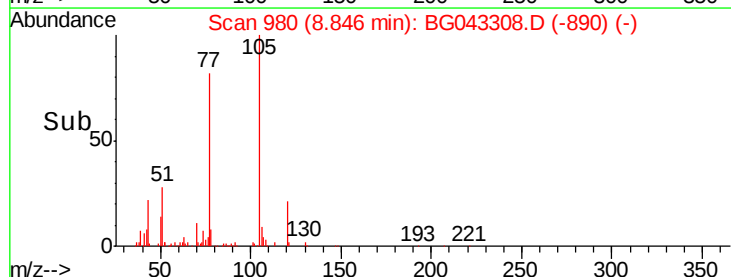
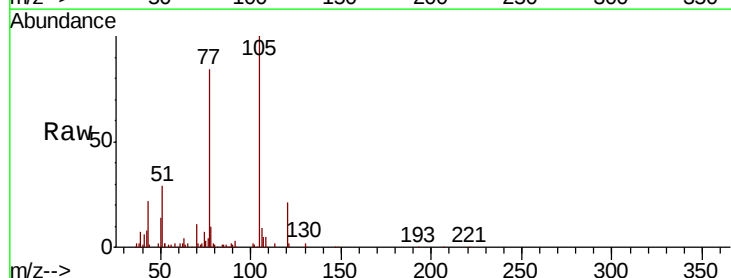
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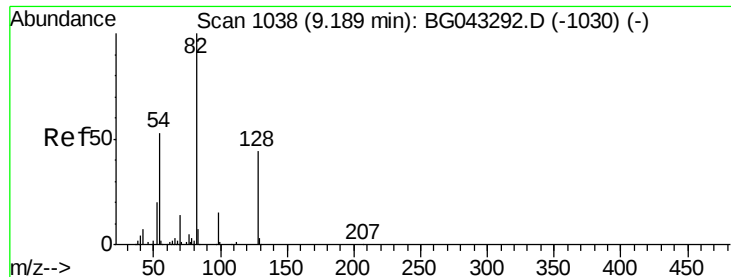
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#22
Acetophenone
Concen: 40.811 ng
RT: 8.85 min Scan# 980
Delta R.T. -0.00 min
Lab File: BG043308.D
Acq: 23 Oct 2019 14:50

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		138479		
71	2.4		1.5	2.3#	
51	29.1		23.9	35.9	
120	20.7		17.3	25.9	





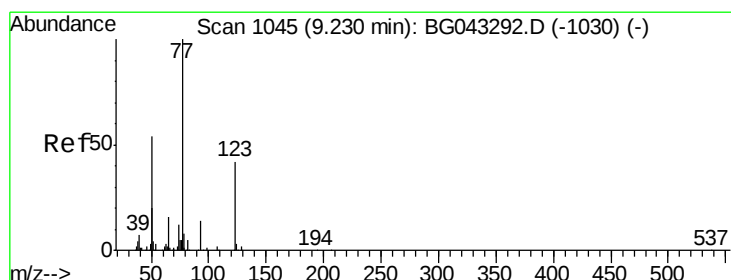
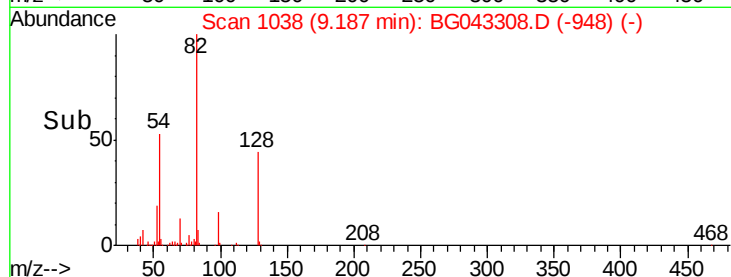
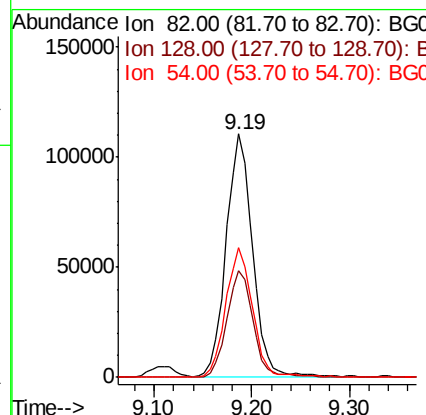
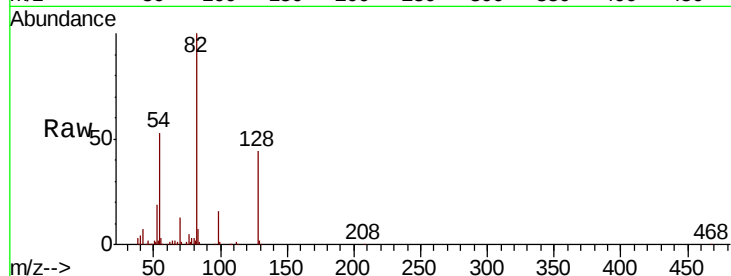
#23
Nitrobenzene-d5
Concen: 80.826 ng
RT: 9.19 min Scan# 1038
Delta R.T. -0.00 min
Lab File: BG043308.D
Acq: 23 Oct 2019 14:50

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.0	35.3	52.9
54	53.0	42.3	63.5

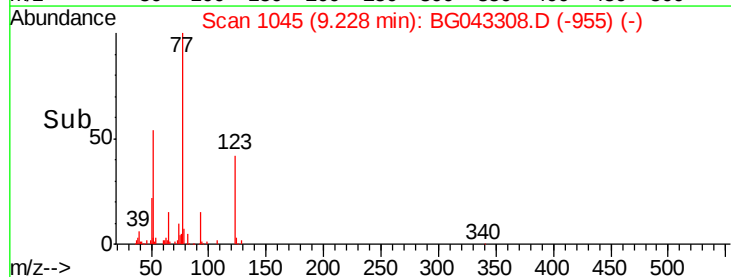
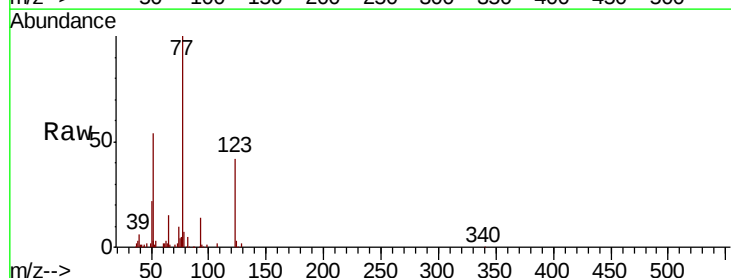
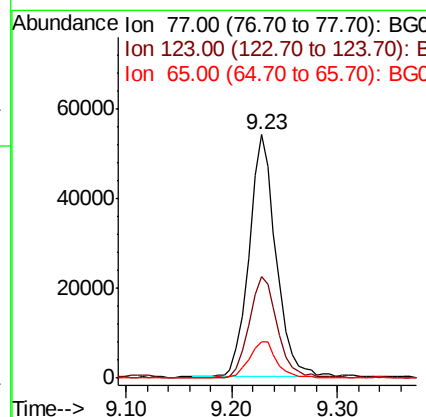
Manual Integrations
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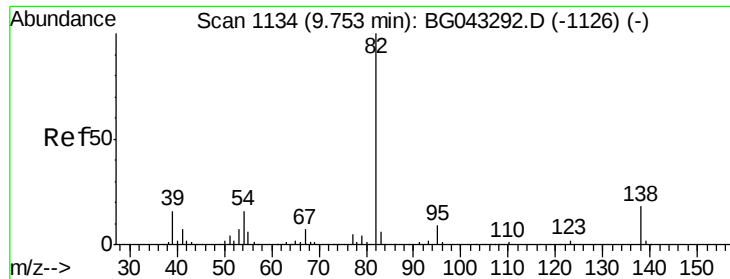
mohammad
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#24
Nitrobenzene
Concen: 39.045 ng
RT: 9.23 min Scan# 1045
Delta R.T. -0.00 min
Lab File: BG043308.D
Acq: 23 Oct 2019 14:50

Tgt Ion	Ratio	Lower	Upper
77	100		
123	41.8	33.8	50.8
65	14.7	13.0	19.4





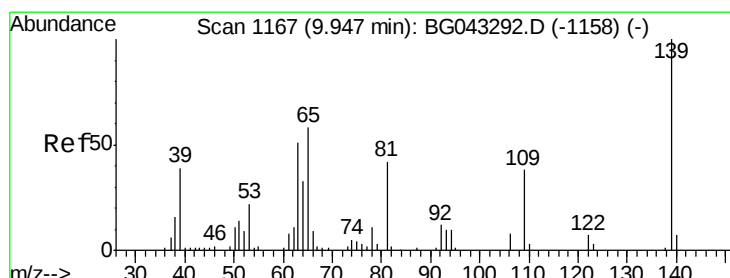
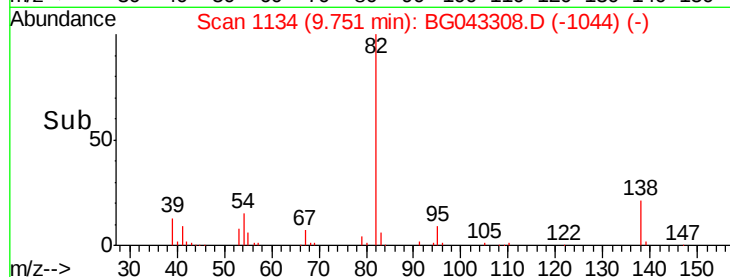
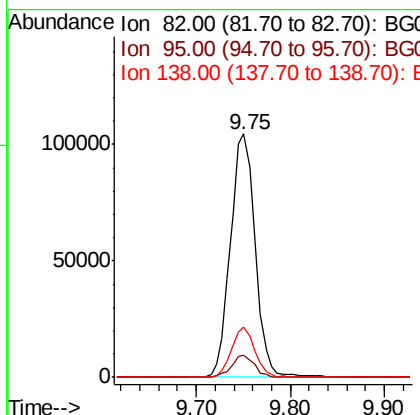
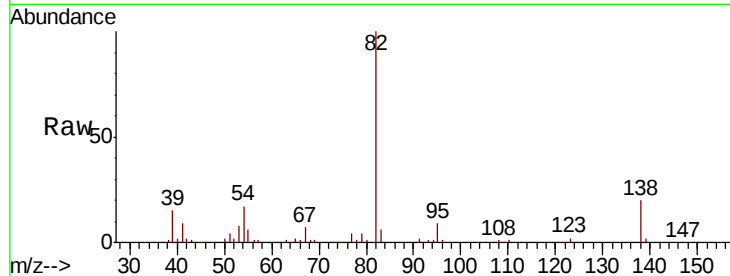
#25
Isophorone
Concen: 40.790 ng
RT: 9.75 min Scan# 1134
Delta R.T. -0.00 min
Lab File: BG043308.D
Acq: 23 Oct 2019 14:50

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	82	Resp	191669
Ion Ratio	100	Lower	Upper
82	100		
95	9.0	6.9	10.3
138	20.4	14.2	21.2

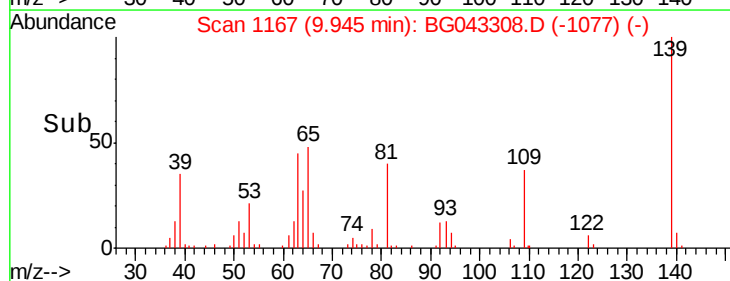
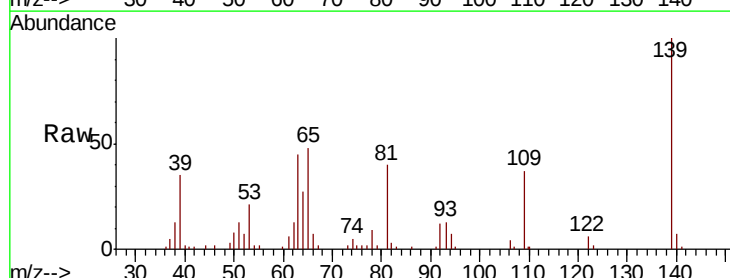
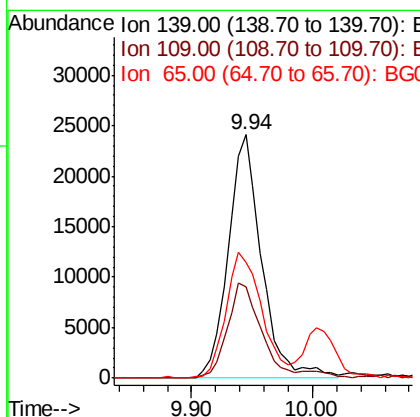
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#26
2-Nitrophenol
Concen: 39.200 ng
RT: 9.94 min Scan# 1167
Delta R.T. -0.00 min
Lab File: BG043308.D
Acq: 23 Oct 2019 14:50

Tgt Ion	139	Resp	46335
Ion Ratio	100	Lower	Upper
139	100		
109	37.4	30.1	45.1
65	47.5	46.1	69.1





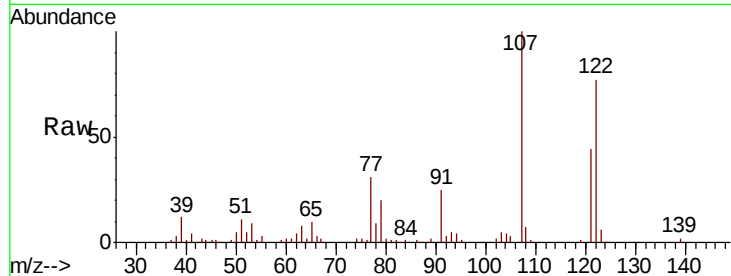
#27
 2,4-Dimethylphenol
 Concen: 39.102 ng
 RT: 10.00 min Scan# 1177
 Delta R.T. -0.00 min
 Lab File: BG043308.D
 Acq: 23 Oct 2019 14:50

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
122	100		66245		
107	129.0	98.6	147.8		
121	56.4	50.1	75.1		

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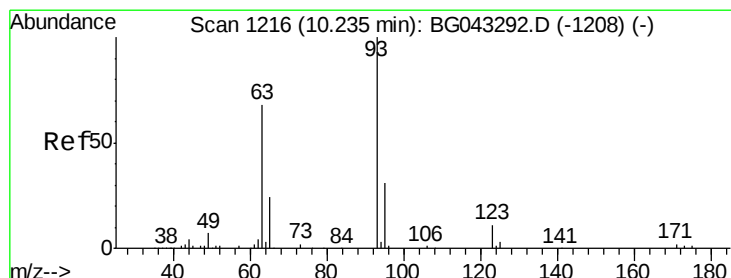
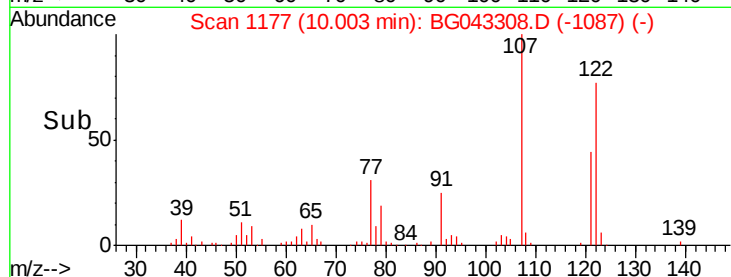
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

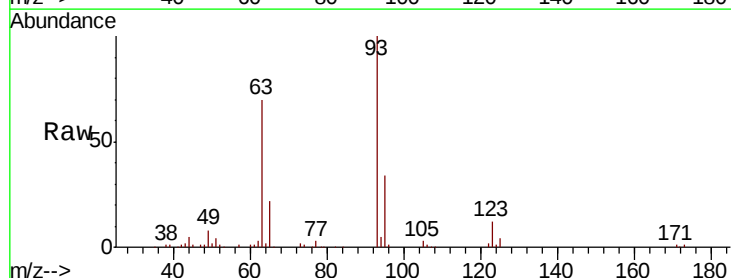
Ion 121.00 (120.70 to 121.70): E

Time-->



#28
 bis(2-Chloroethoxy)methane
 Concen: 40.082 ng
 RT: 10.23 min Scan# 1216
 Delta R.T. -0.00 min
 Lab File: BG043308.D
 Acq: 23 Oct 2019 14:50

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		103948		
95	34.1	24.9	37.3		
123	12.4	8.9	13.3		



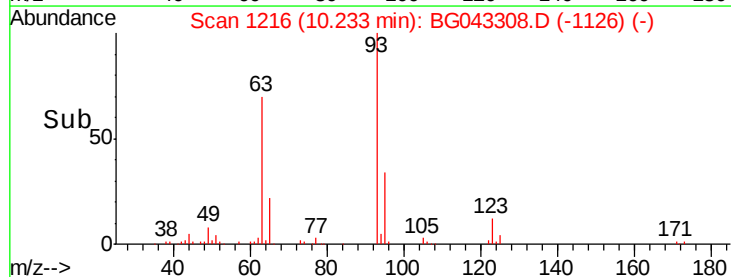
Abundance

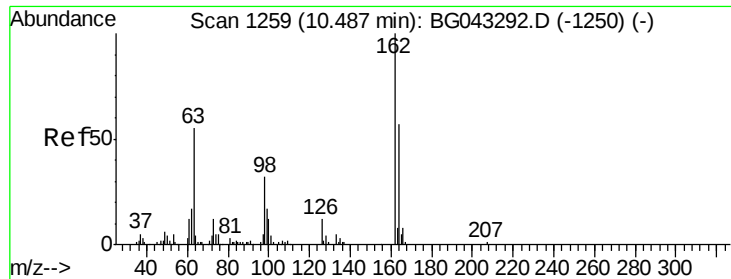
Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

Time-->





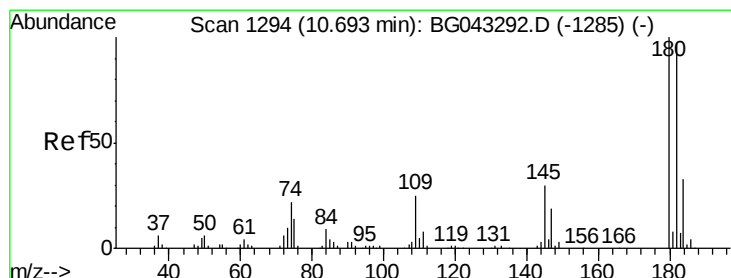
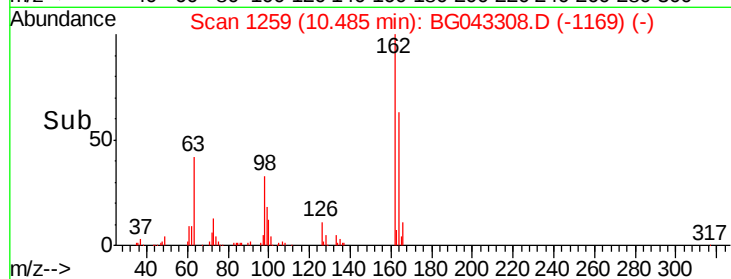
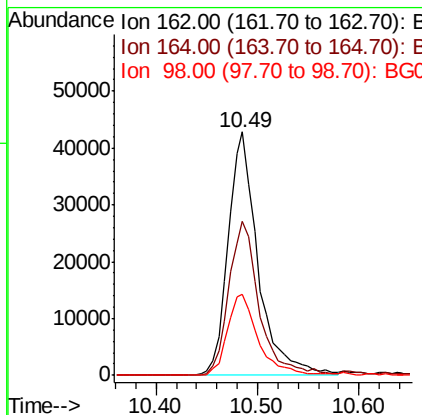
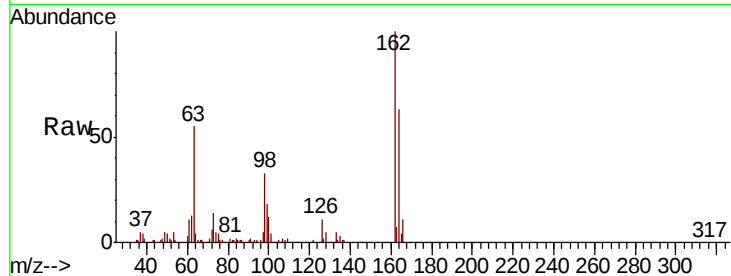
#29
 2,4-Dichlorophenol
 Concen: 40.390 ng
 RT: 10.49 min Scan# 1259
 Delta R.T. -0.00 min
 Lab File: BG043308.D
 Acq: 23 Oct 2019 14:50

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion:	162	Resp:	87672
Ion Ratio	Lower	Upper	
162	100		
164	63.4	37.3	77.3
98	33.4	11.8	51.8

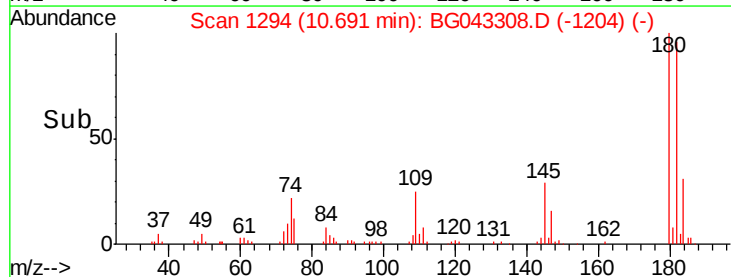
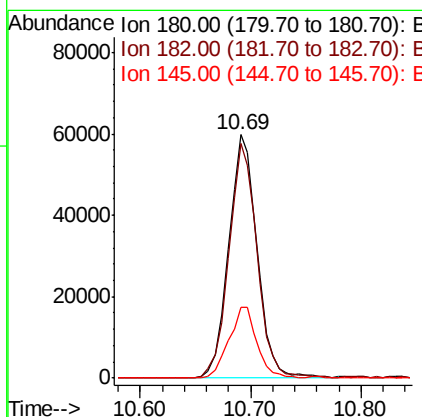
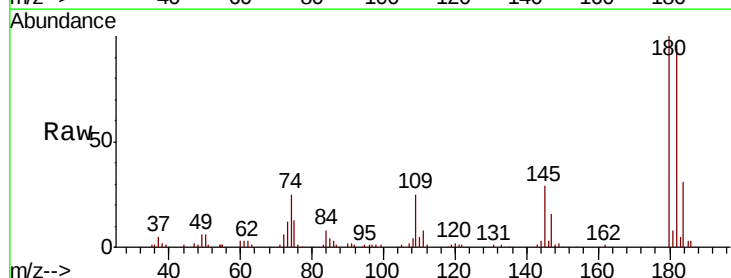
Manual Integrations
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#30
 1,2,4-Trichlorobenzene
 Concen: 39.358 ng
 RT: 10.69 min Scan# 1294
 Delta R.T. -0.00 min
 Lab File: BG043308.D
 Acq: 23 Oct 2019 14:50

Tgt Ion:	180	Resp:	107675
Ion Ratio	Lower	Upper	
180	100		
182	96.3	77.8	116.8
145	29.1	23.6	35.4





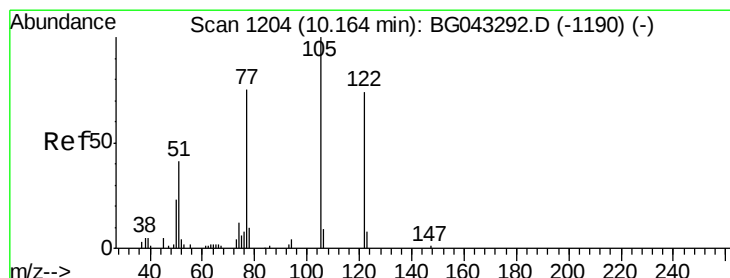
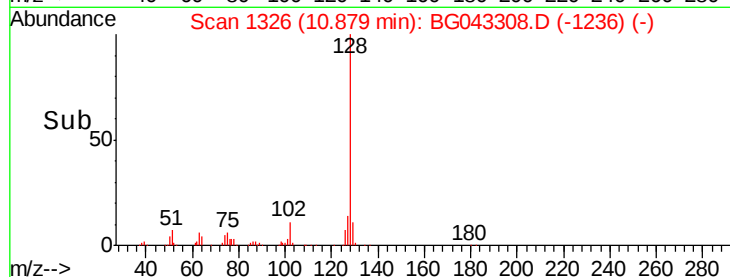
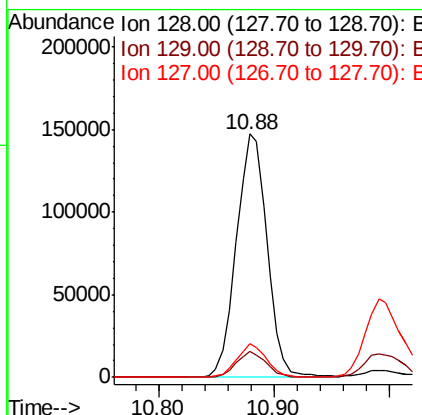
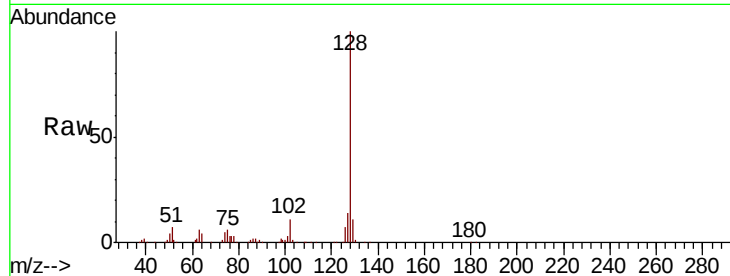
#31
Naphthalene
Concen: 40.350 ng
RT: 10.88 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BG043308.D
Acq: 23 Oct 2019 14:50

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.6	12.8
127	13.6	11.5	17.3

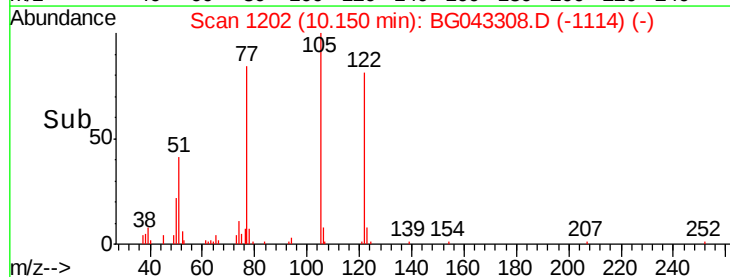
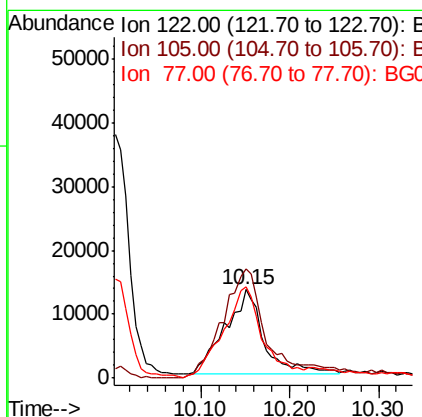
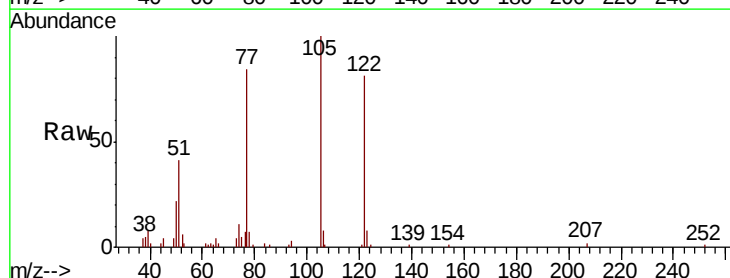
Manual Integrations
APPROVED

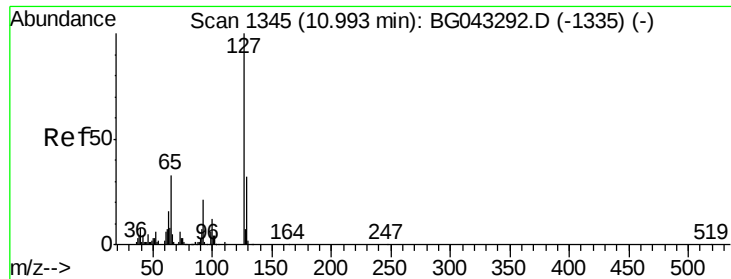
mohammad
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#32
Benzoic acid
Concen: 34.310 ng m
RT: 10.15 min Scan# 1202
Delta R.T. -0.01 min
Lab File: BG043308.D
Acq: 23 Oct 2019 14:50

Tgt Ion	Ratio	Lower	Upper
122	100		
105	123.6	112.4	152.4
77	103.6	82.7	122.7





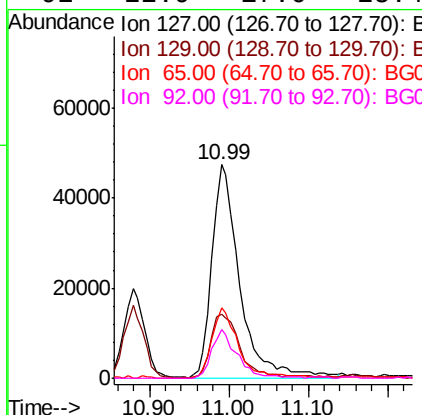
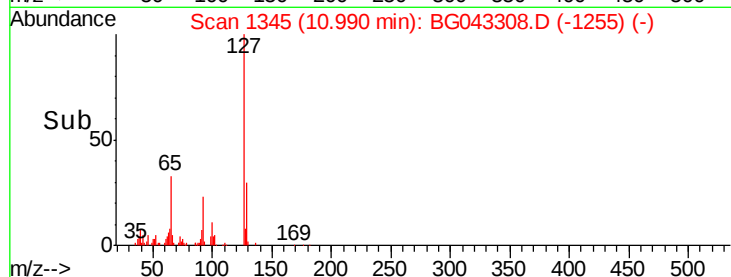
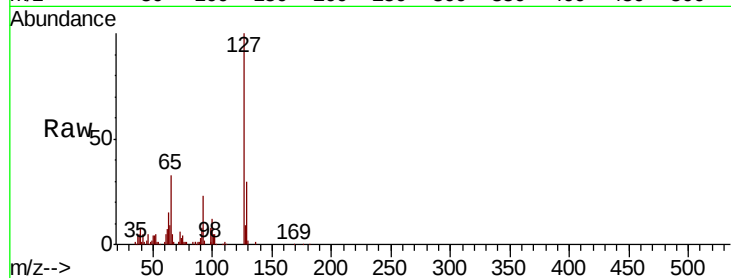
#33
4-Chloroaniline
Concen: 42.129 ng
RT: 10.99 min Scan# 1345
Delta R.T. -0.00 min
Lab File: BG043308.D
Acq: 23 Oct 2019 14:50

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	29.8	25.8	38.8	
65	32.8	26.2	39.2	
92	22.9	17.0	25.4	

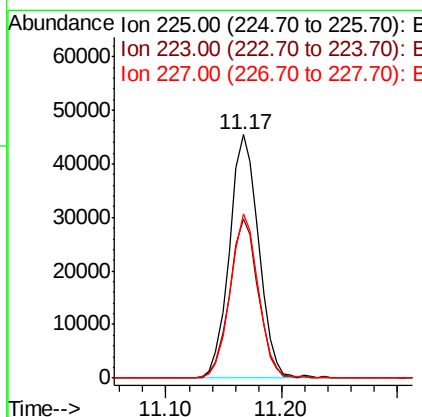
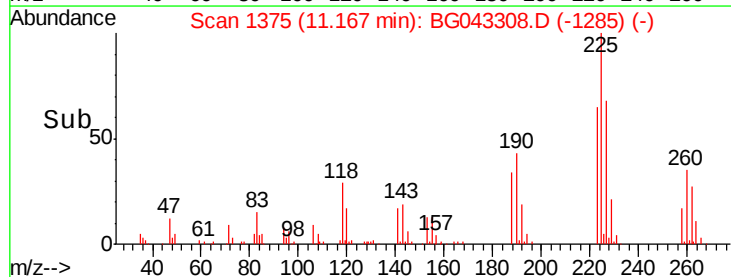
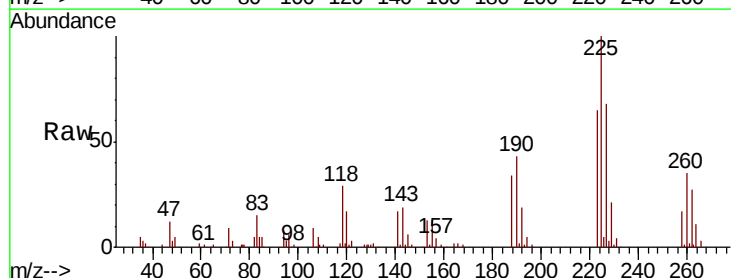
Manual Integrations
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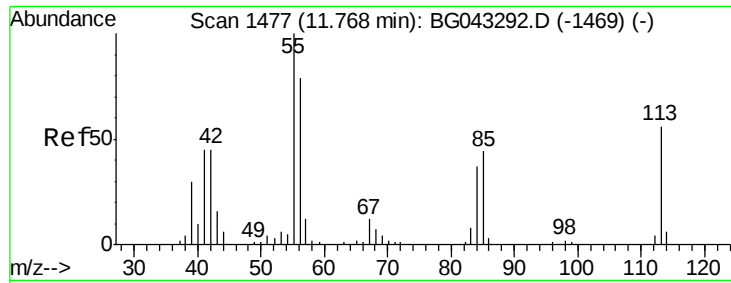
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#34
Hexachlorobutadiene
Concen: 39.267 ng
RT: 11.17 min Scan# 1375
Delta R.T. -0.00 min
Lab File: BG043308.D
Acq: 23 Oct 2019 14:50

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	65.3	53.2	79.8	
227	67.7	56.2	84.2	





#35

Caprolactam

Concen: 42.767 ng

RT: 11.76 min Scan# 1476

Delta R.T. -0.01 min

Lab File: BG043308.D

Acq: 23 Oct 2019 14:50

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion:113 Resp: 31972

Ion Ratio Lower Upper

113 100

55 148.1 158.9 198.9#

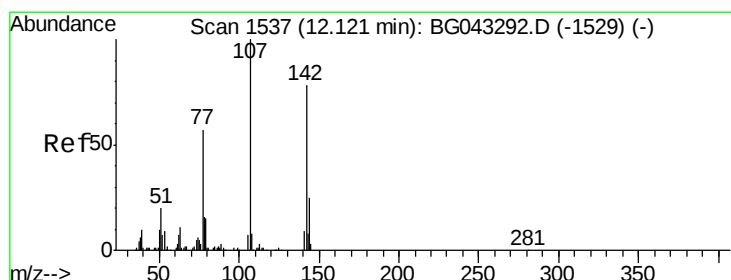
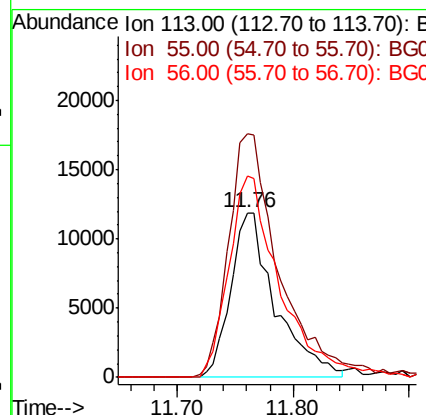
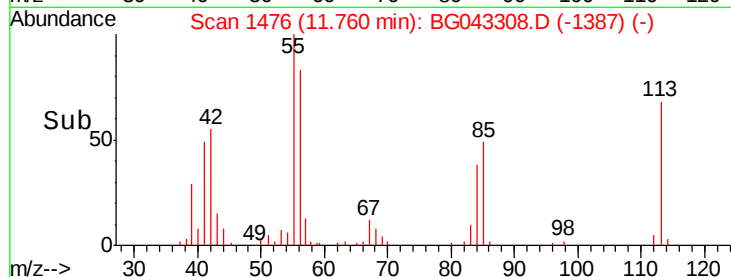
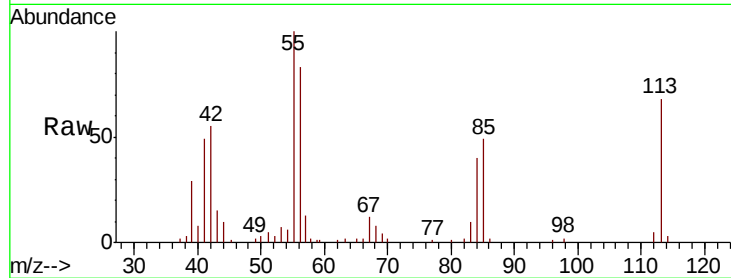
56 122.6 121.4 161.4

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#36

4-Chloro-3-methylphenol

Concen: 40.900 ng

RT: 12.12 min Scan# 1537

Delta R.T. -0.00 min

Lab File: BG043308.D

Acq: 23 Oct 2019 14:50

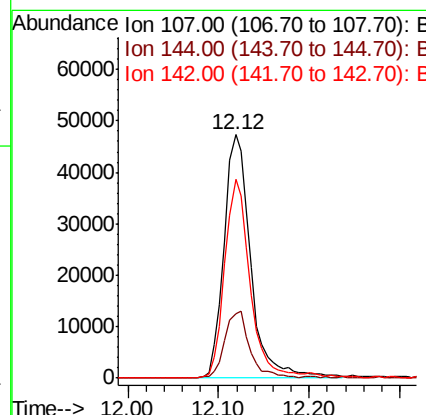
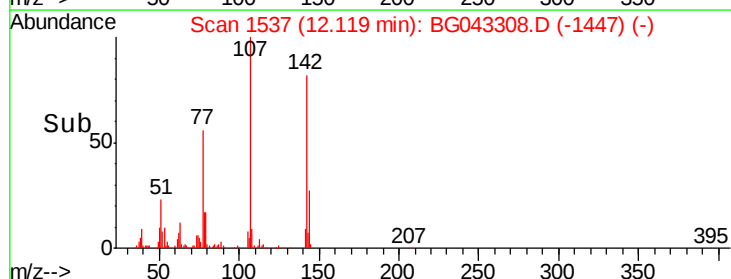
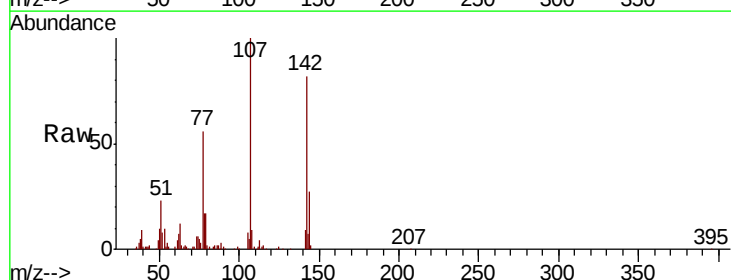
Tgt Ion:107 Resp: 96839

Ion Ratio Lower Upper

107 100

144 26.6 19.9 29.9

142 81.6 62.1 93.1





#37

2-Methylnaphthalene

Concen: 40.670 ng

RT: 12.48 min Scan# 1599

Delta R.T. -0.00 min

Lab File: BG043308.D

Acq: 23 Oct 2019 14:50

Instrument :

BNA_G

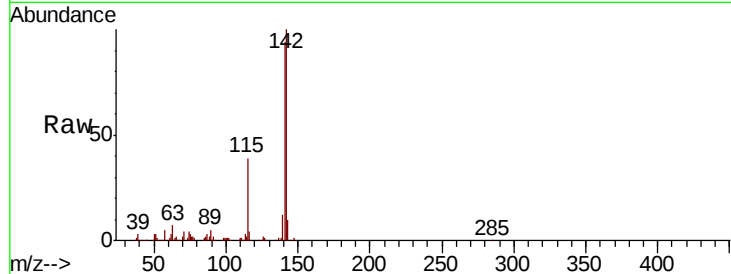
ClientSampleId :

SSTDCCC040

Tot Ion:	142	Resp:	209875
Ion Ratio	Lower	Upper	
142	100		
141	94.2	69.7	104.5
115	39.2	30.6	46.0

Manual Integrations
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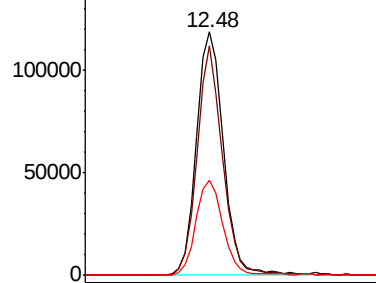


Abundance

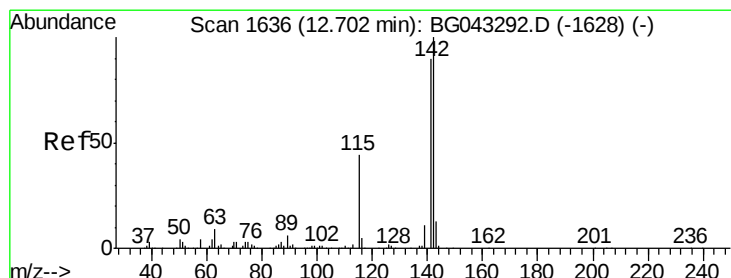
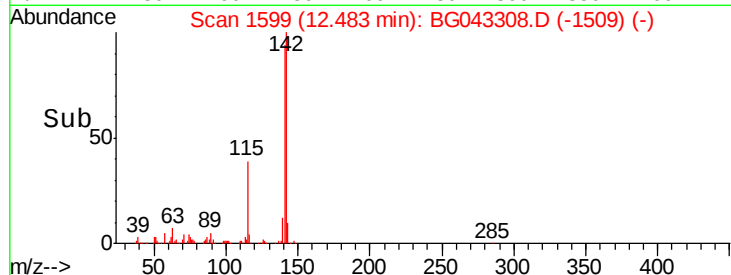
Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



Time-->



#38

1-Methylnaphthalene

Concen: 41.382 ng

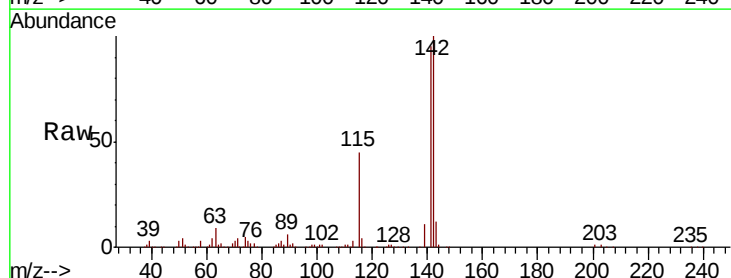
RT: 12.70 min Scan# 1636

Delta R.T. -0.00 min

Lab File: BG043308.D

Acq: 23 Oct 2019 14:50

Tgt Ion:	142	Resp:	203188
Ion Ratio	Lower	Upper	
142	100		
141	94.5	72.3	108.5
116	4.5	3.8	5.6

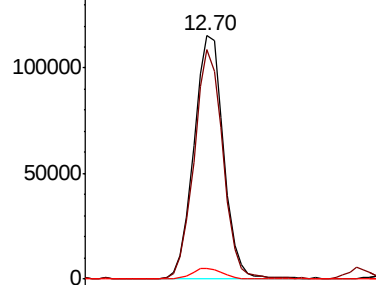


Abundance

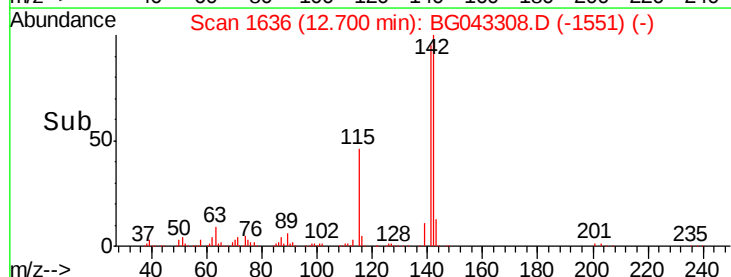
Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E



Time-->





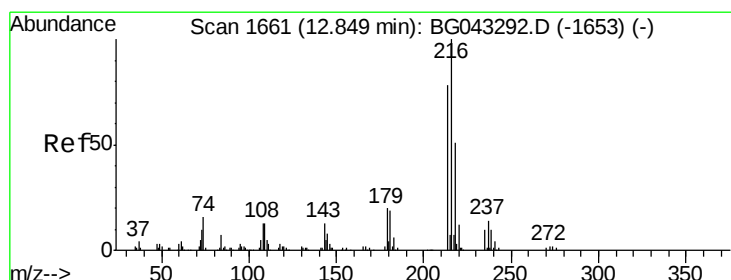
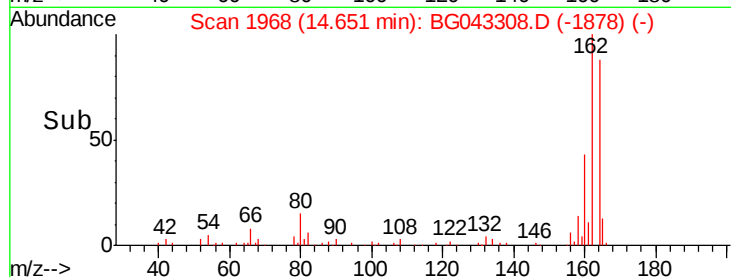
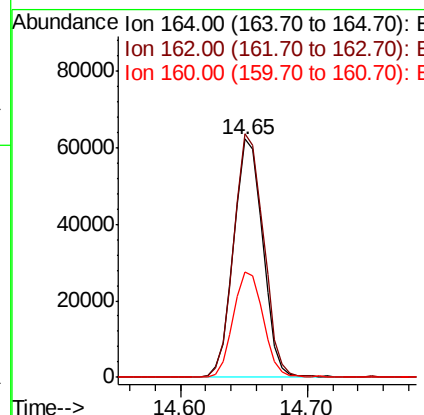
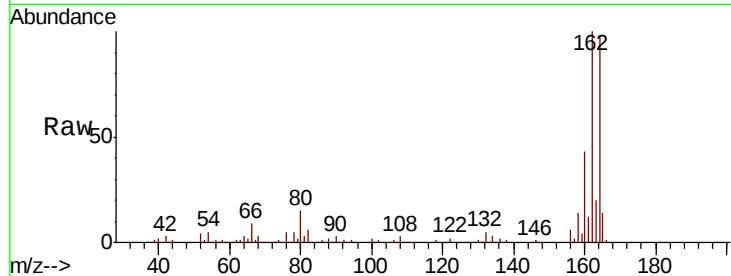
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.65 min Scan# 1968
Delta R.T. -0.00 min
Lab File: BG043308.D
Acq: 23 Oct 2019 14:50

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.3	87.0	130.4
160	44.1	35.5	53.3

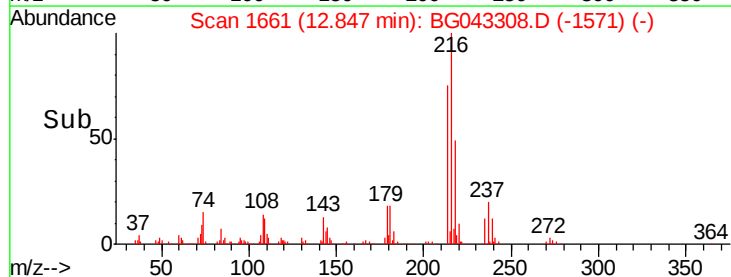
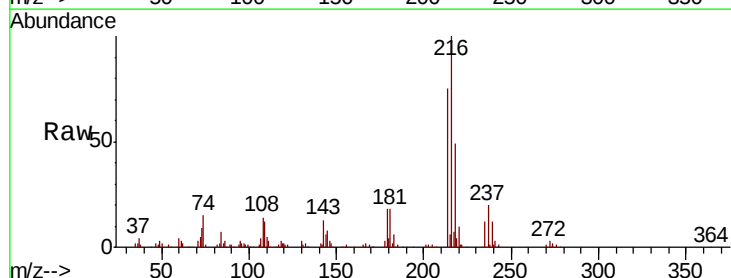
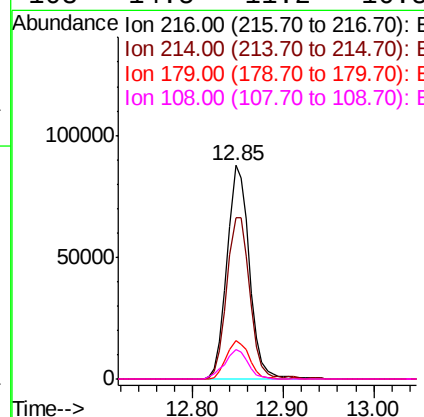
Manual Integrations
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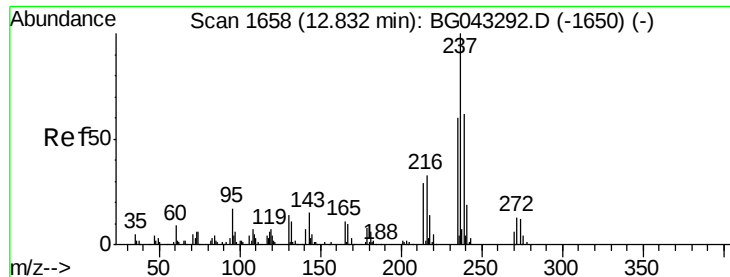
mohammad
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.011 ng
RT: 12.85 min Scan# 1661
Delta R.T. -0.00 min
Lab File: BG043308.D
Acq: 23 Oct 2019 14:50

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.2	63.5	95.3
179	18.3	16.2	24.2
108	14.5	11.2	16.8





#41

Hexachlorocyclopentadiene

Concen: 38.929 ng

RT: 12.84 min Scan# 1659

Delta R.T. 0.00 min

Lab File: BG043308.D

Acq: 23 Oct 2019 14:50

Instrument :

BNA_G

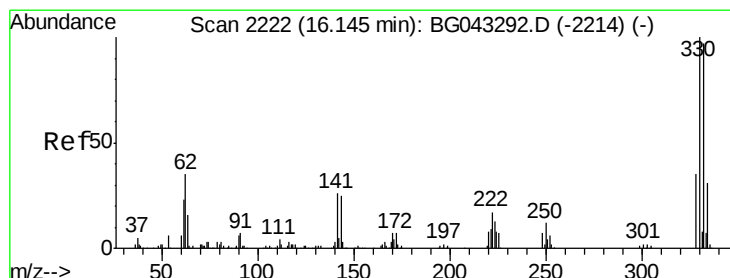
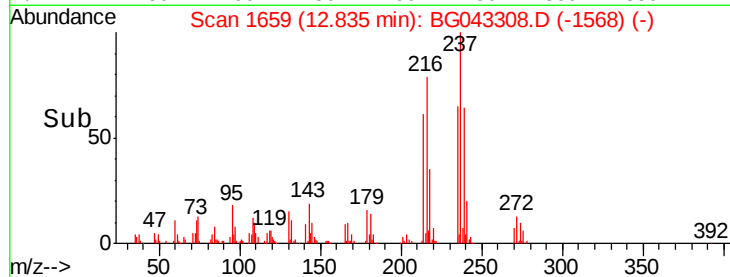
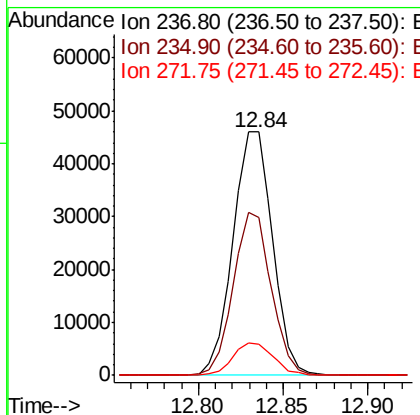
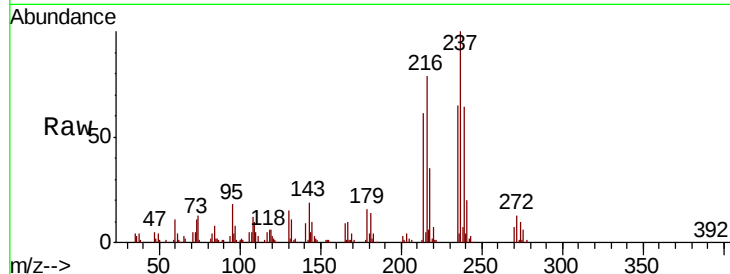
ClientSampleId :

SSTDCCC040

Tot Ion:	237	Resp:	74910
Ion Ratio	Lower	Upper	
237	100		
235	64.7	40.3	80.3
272	12.6	0.0	32.9

Manual Integrations
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#42

2,4,6-Tribromophenol

Concen: 86.126 ng

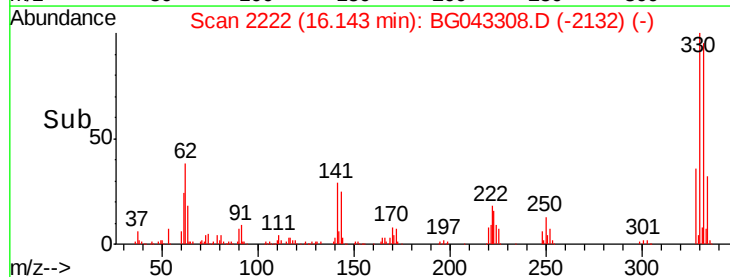
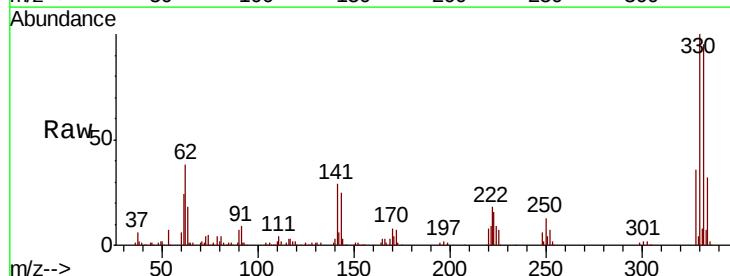
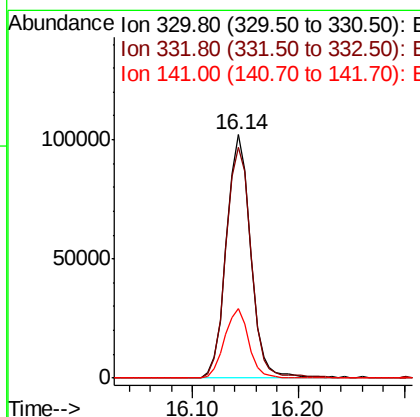
RT: 16.14 min Scan# 2222

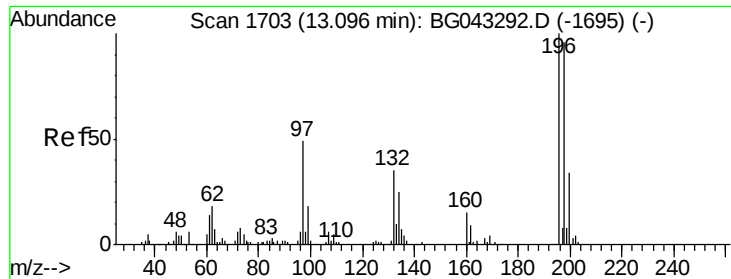
Delta R.T. -0.00 min

Lab File: BG043308.D

Acq: 23 Oct 2019 14:50

Tgt Ion:	330	Resp:	162227
Ion Ratio	Lower	Upper	
330	100		
332	98.5	76.4	114.6
141	28.5	21.4	32.0





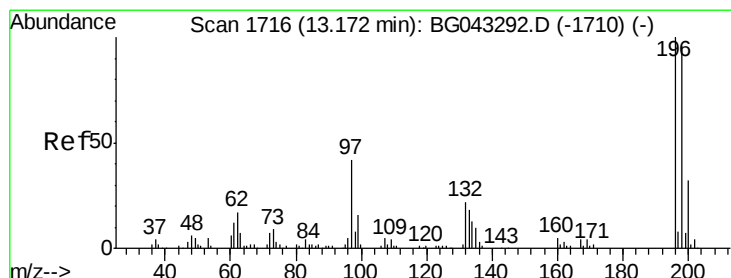
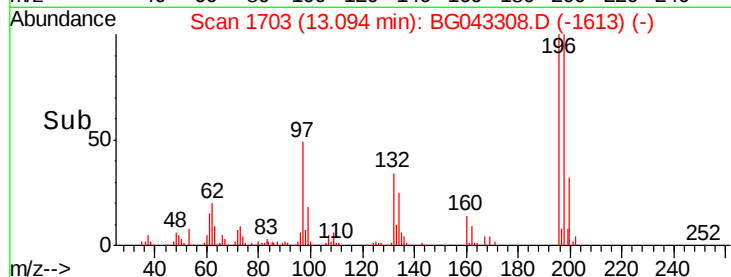
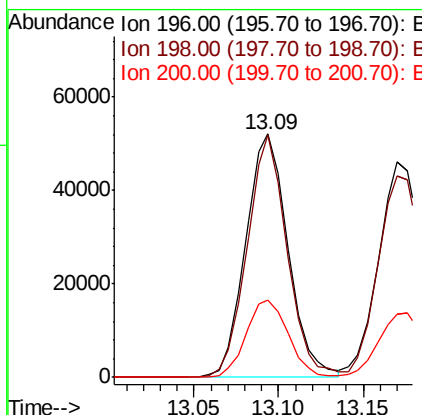
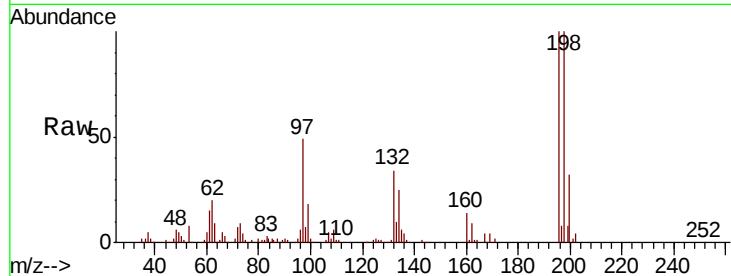
#43
 2,4,6-Trichlorophenol
 Concen: 41.873 ng
 RT: 13.09 min Scan# 1703
 Delta R.T. -0.00 min
 Lab File: BG043308.D
 Acq: 23 Oct 2019 14:50

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
196	100	90329		
198	99.6	77.0	115.4	
200	31.8	27.4	41.2	

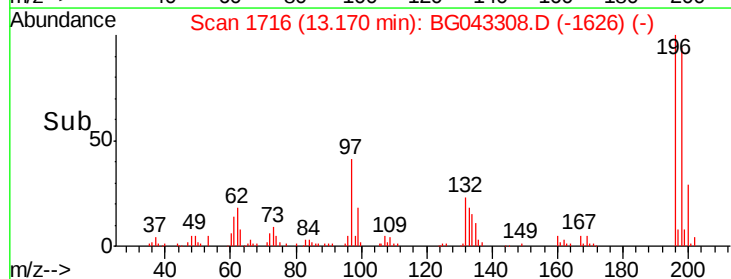
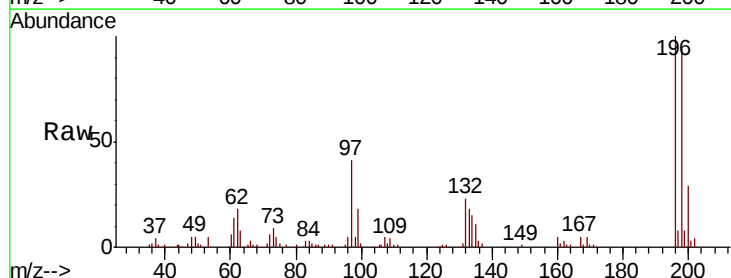
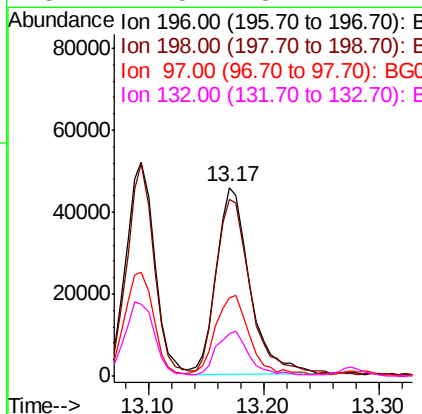
Manual Integrations
 APPROVED

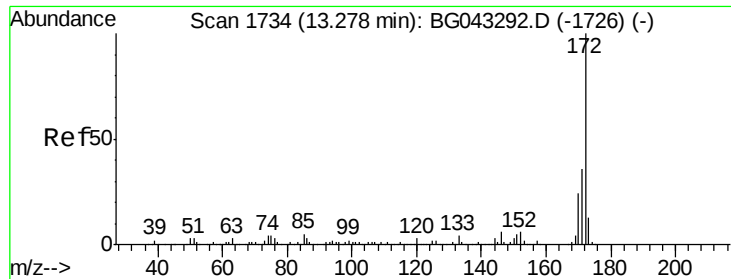
mohammad
 10/24/2019 2:11:32 PM



#44
 2,4,5-Trichlorophenol
 Concen: 42.290 ng
 RT: 13.17 min Scan# 1716
 Delta R.T. -0.00 min
 Lab File: BG043308.D
 Acq: 23 Oct 2019 14:50

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	92232		
198	93.7	76.6	114.8	
97	41.4	34.1	51.1	
132	22.5	18.2	27.4	





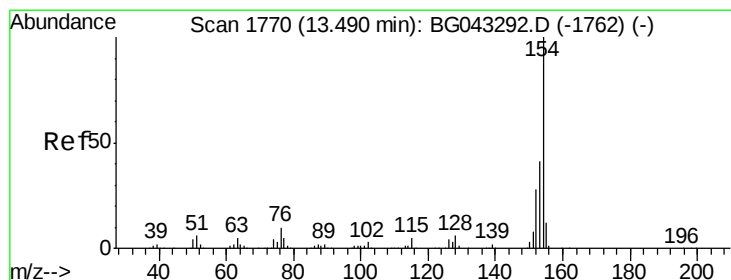
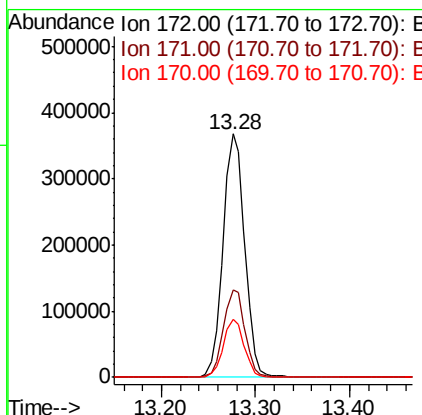
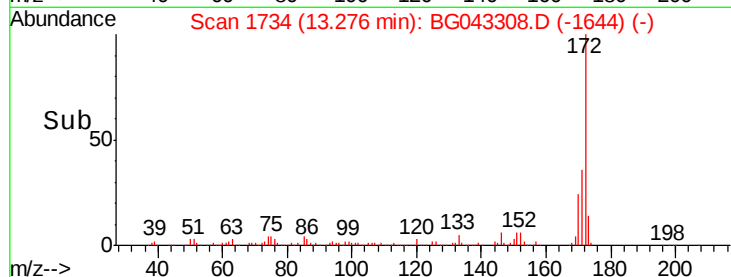
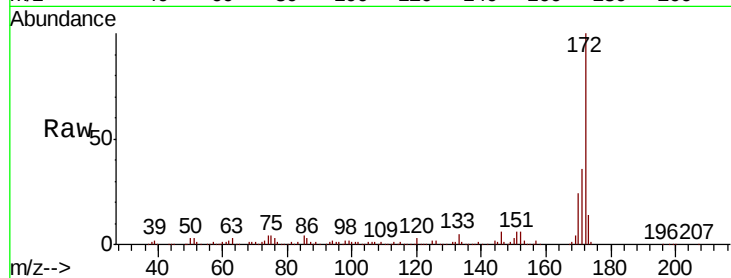
#45
2-Fluorobiphenyl
Concen: 82.191 ng
RT: 13.28 min Scan# 1734
Delta R.T. -0.00 min
Lab File: BG043308.D
Acq: 23 Oct 2019 14:50

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.5	42.7
170	23.8	18.8	28.2

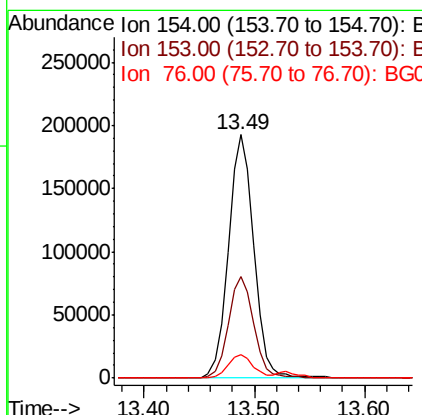
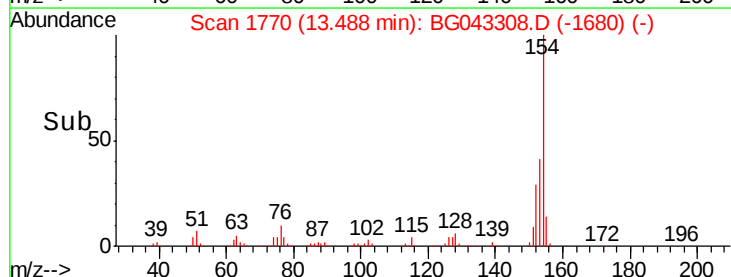
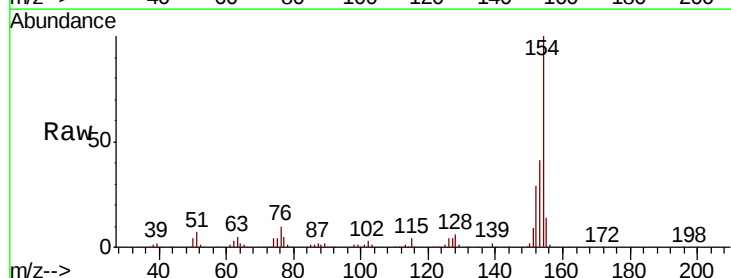
Manual Integrations
APPROVED

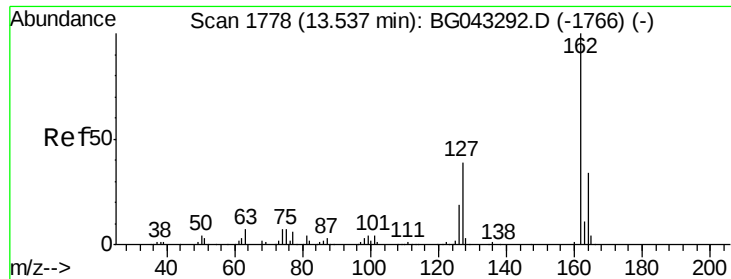
mohammad
10/24/2019 2:11:32 PM



#46
1,1'-Biphenyl
Concen: 41.087 ng
RT: 13.49 min Scan# 1770
Delta R.T. -0.00 min
Lab File: BG043308.D
Acq: 23 Oct 2019 14:50

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.5	21.0	61.0
76	9.6	0.0	29.8





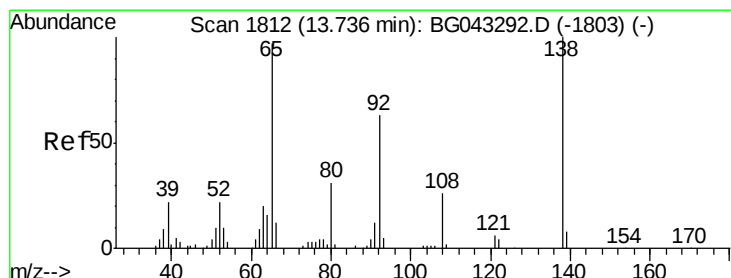
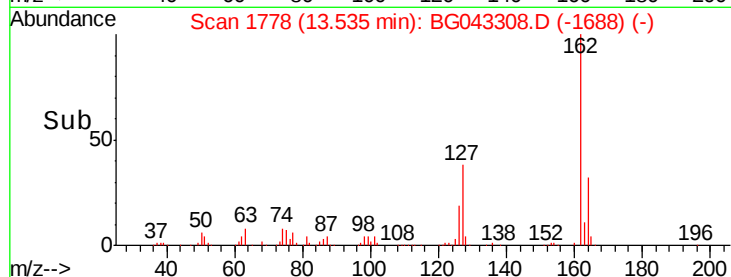
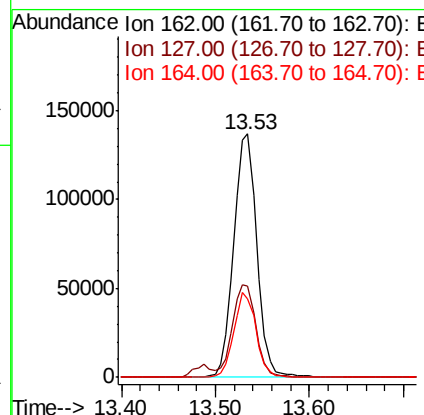
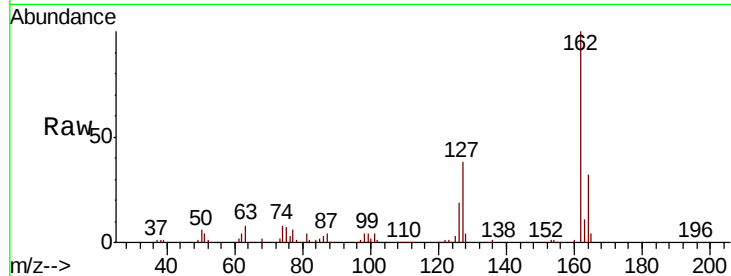
#47
2-Chloronaphthalene
Concen: 40.858 ng
RT: 13.53 min Scan# 1778
Delta R.T. -0.00 min
Lab File: BG043308.D
Acq: 23 Oct 2019 14:50

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
162	100	234086		
127	37.7	31.3	46.9	
164	32.2	26.8	40.2	

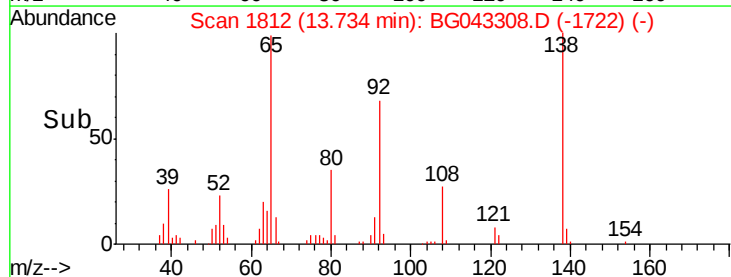
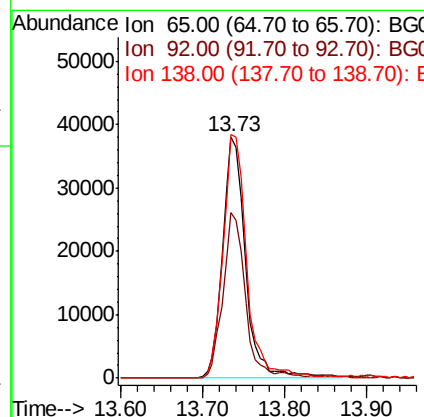
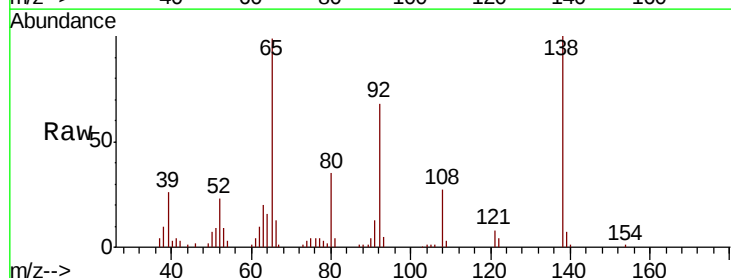
Manual Integrations
APPROVED

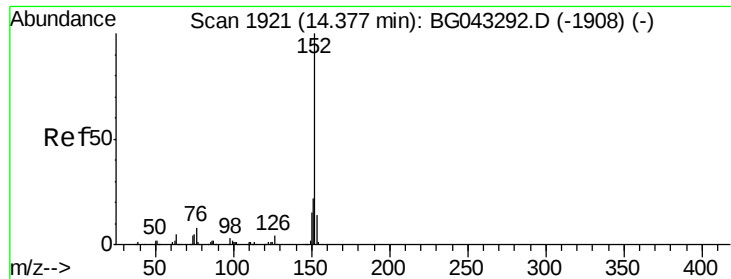
mohammad
10/24/2019 2:11:32 PM



#48
2-Nitroaniline
Concen: 43.666 ng
RT: 13.73 min Scan# 1812
Delta R.T. -0.00 min
Lab File: BG043308.D
Acq: 23 Oct 2019 14:50

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	74771		
92	68.5	52.6	79.0	
138	101.0	82.9	124.3	





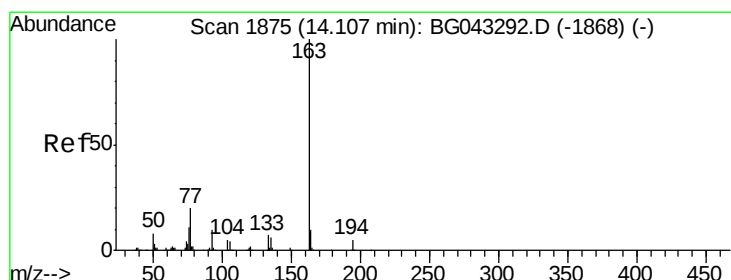
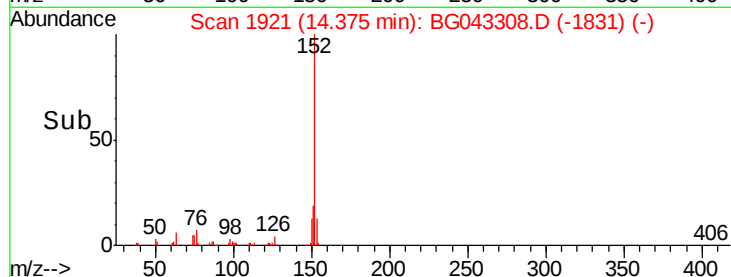
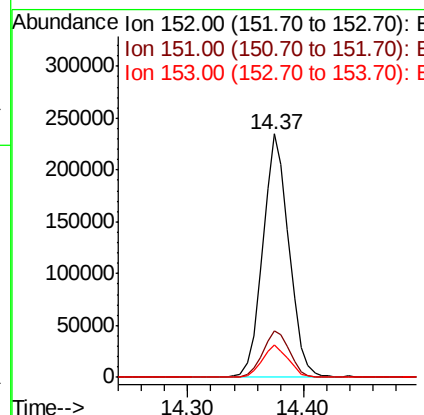
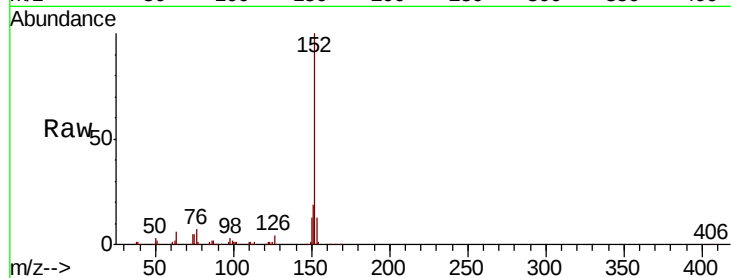
#49
Acenaphthylene
Concen: 41.545 ng
RT: 14.37 min Scan# 1921
Delta R.T. -0.00 min
Lab File: BG043308.D
Acq: 23 Oct 2019 14:50

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
151	19.0	17.2	25.8
153	13.4	11.0	16.6

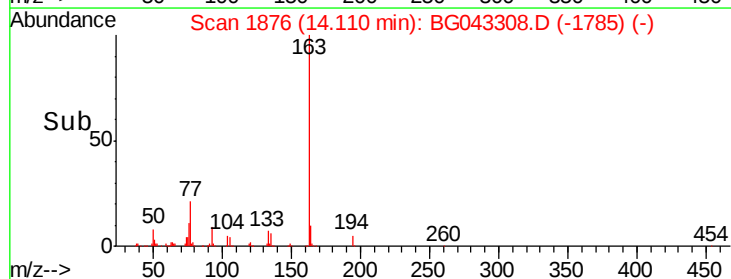
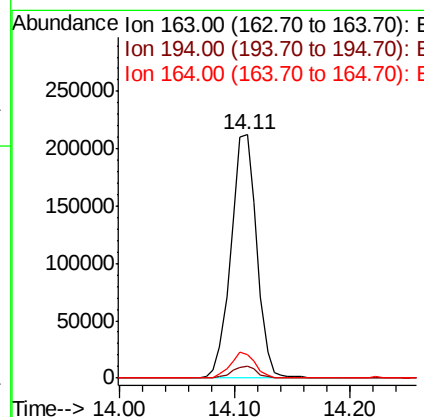
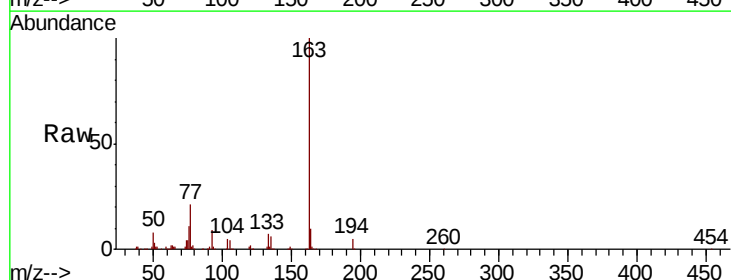
Manual Integrations
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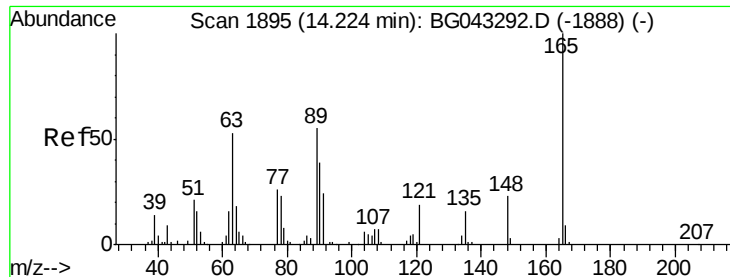
mohammad
10/24/2019 2:11:32 PM



#50
Dimethylphthalate
Concen: 42.743 ng
RT: 14.11 min Scan# 1876
Delta R.T. 0.00 min
Lab File: BG043308.D
Acq: 23 Oct 2019 14:50

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.9	3.7	5.5
164	9.7	8.1	12.1





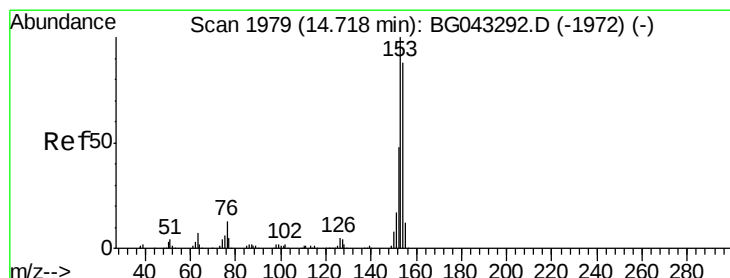
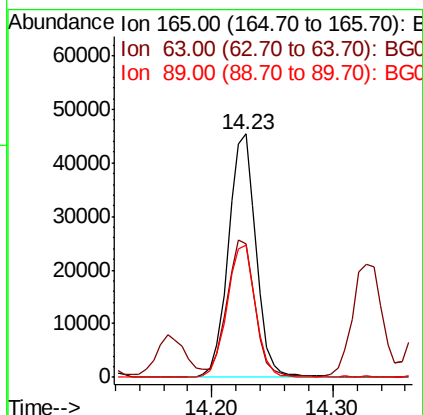
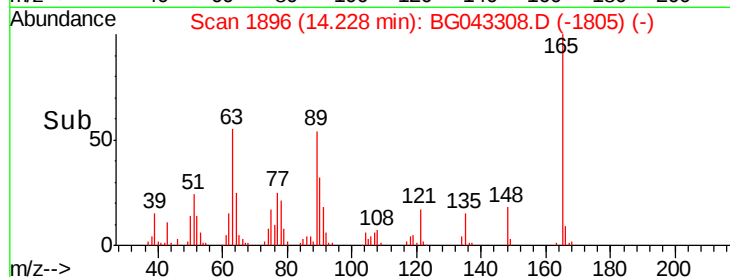
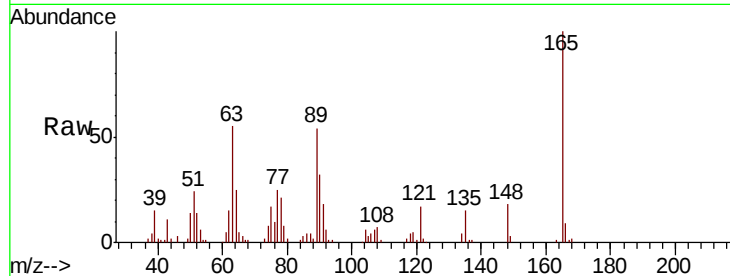
#51
 2,6-Dinitrotoluene
 Concen: 43.275 ng
 RT: 14.23 min Scan# 1896
 Delta R.T. 0.00 min
 Lab File: BG043308.D
 Acq: 23 Oct 2019 14:50

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
165	100		
63	55.0	47.1	70.7
89	54.3	43.7	65.5

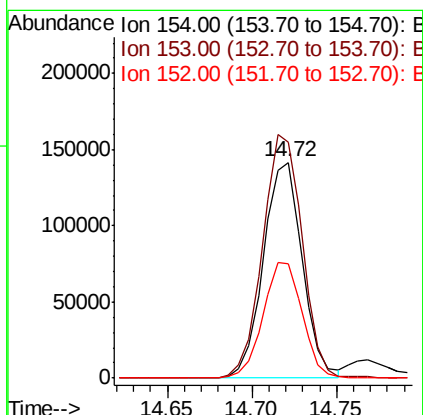
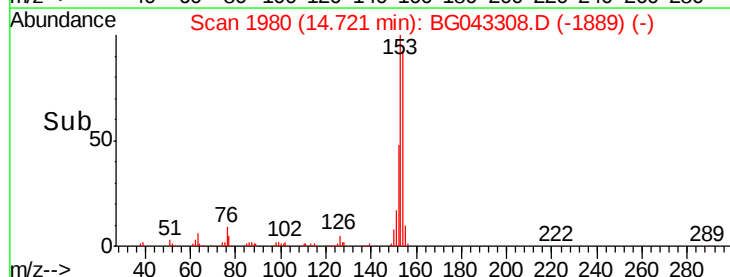
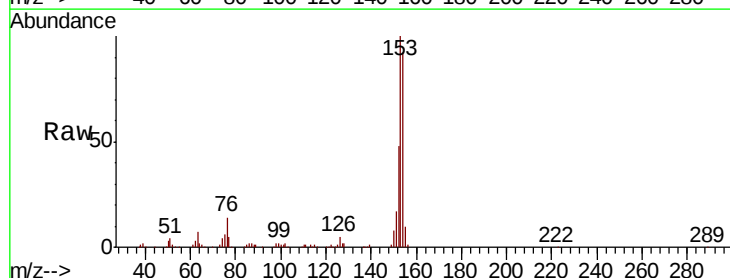
Manual Integrations
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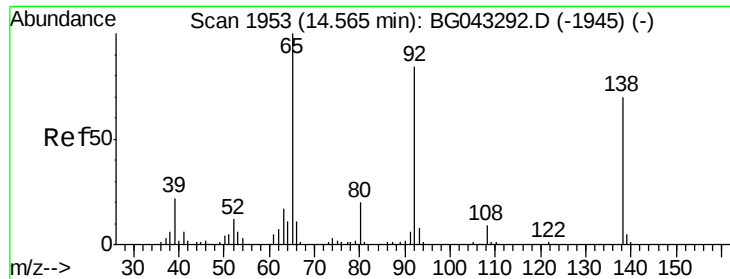
mohammad
 10/24/2019 2:11:32 PM



#52
 Acenaphthene
 Concen: 41.504 ng
 RT: 14.72 min Scan# 1980
 Delta R.T. 0.00 min
 Lab File: BG043308.D
 Acq: 23 Oct 2019 14:50

Tgt Ion	Ratio	Lower	Upper
154	100		
153	109.0	90.9	136.3
152	52.8	43.9	65.9





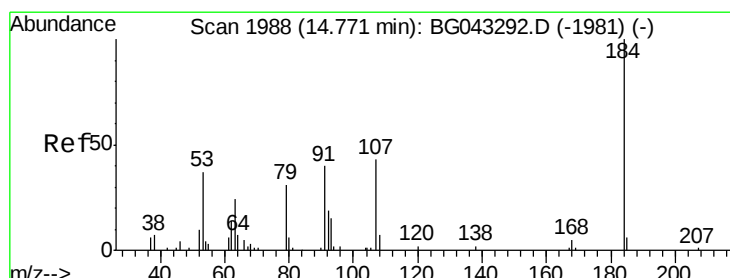
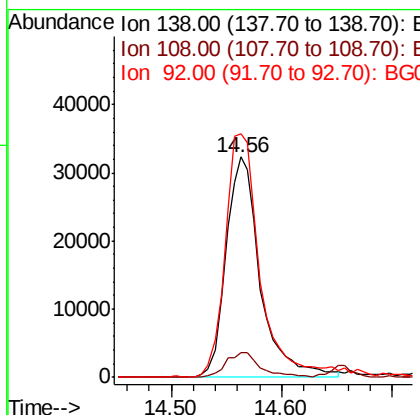
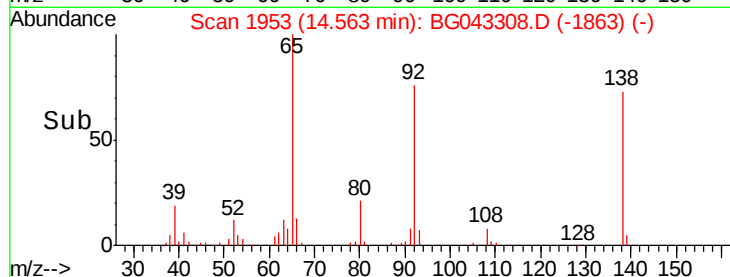
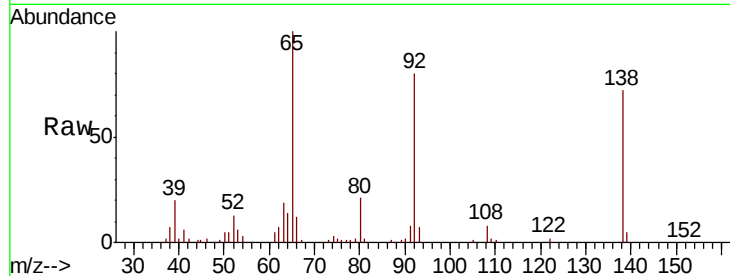
#53
3-Nitroaniline
Concen: 43.673 ng
RT: 14.56 min Scan# 1953
Delta R.T. -0.00 min
Lab File: BG043308.D
Acq: 23 Oct 2019 14:50

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.4	9.8	14.6
92	110.5	95.8	143.6

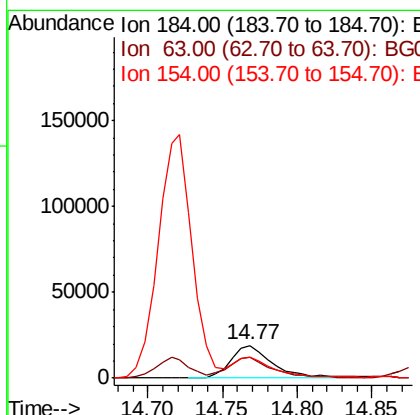
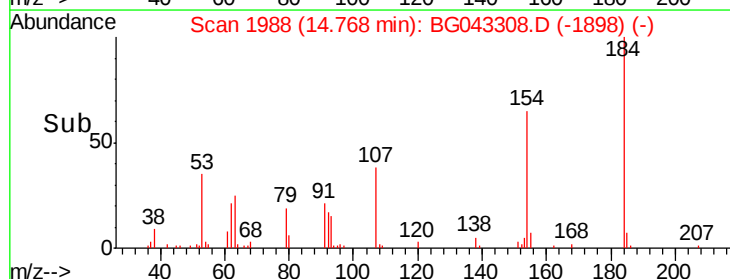
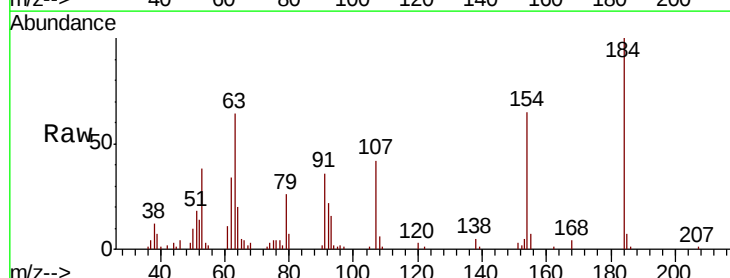
Manual Integrations
APPROVED

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#54
2,4-Dinitrophenol
Concen: 38.927 ng
RT: 14.77 min Scan# 1988
Delta R.T. -0.00 min
Lab File: BG043308.D
Acq: 23 Oct 2019 14:50

Tgt Ion	Ratio	Lower	Upper
184	100		
63	63.7	48.8	73.2
154	65.4	49.4	74.0





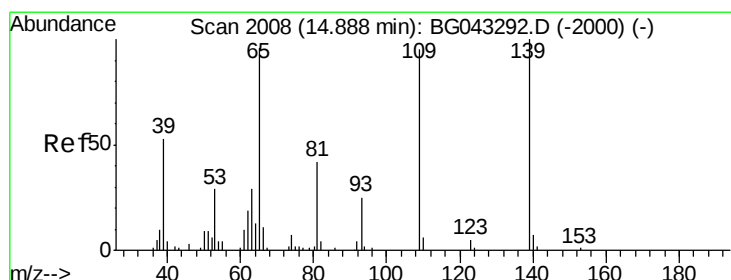
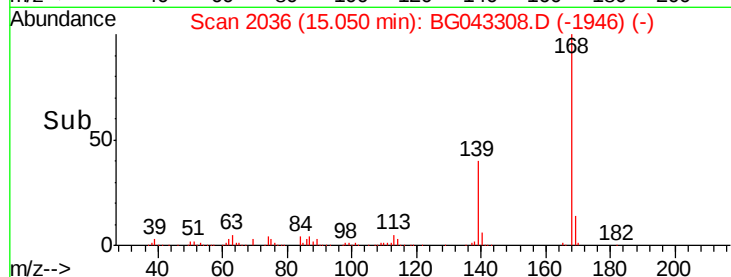
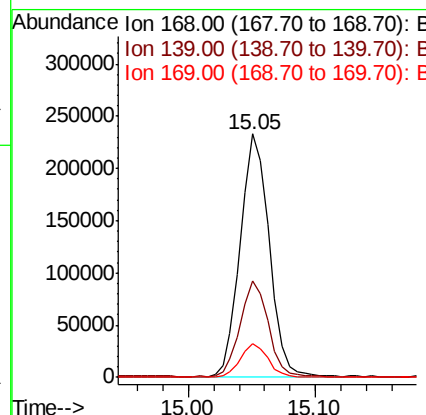
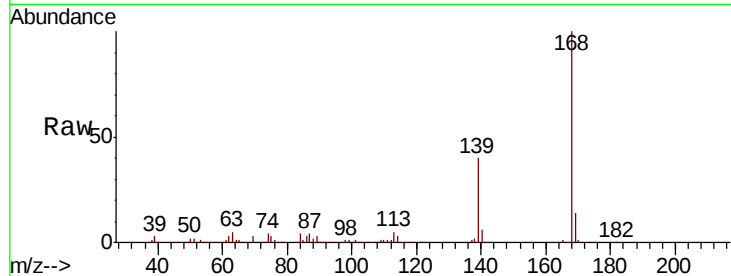
#55
Dibenzenofuran
Concen: 42.104 ng
RT: 15.05 min Scan# 2036
Delta R.T. -0.00 min
Lab File: BG043308.D
Acq: 23 Oct 2019 14:50

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
168	100		
139	39.5	31.7	47.5
169	13.9	11.0	16.4

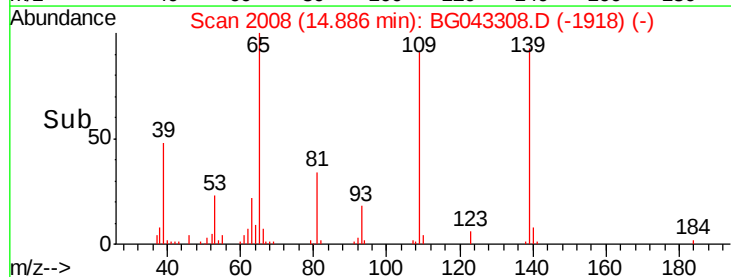
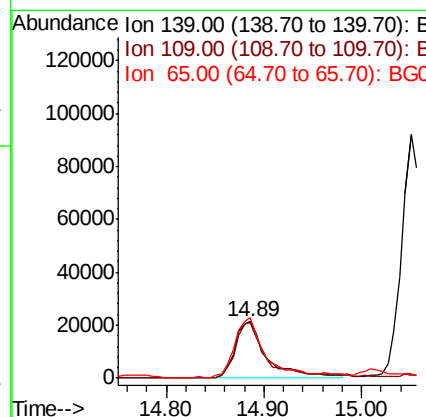
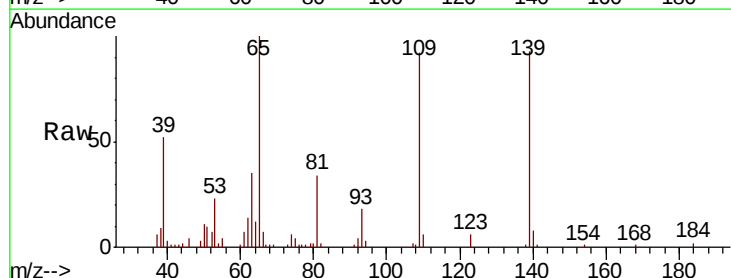
Manual Integrations
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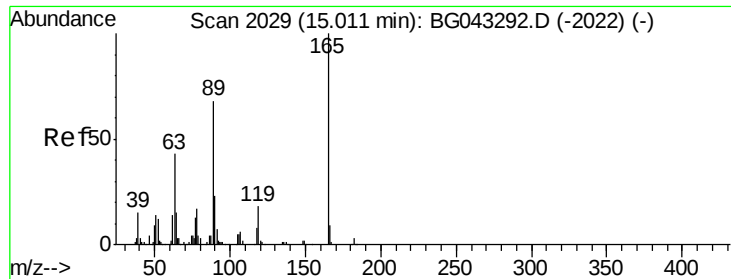
mohammad
10/24/2019 2:11:32 PM



#56
4-Nitrophenol
Concen: 45.209 ng
RT: 14.89 min Scan# 2008
Delta R.T. -0.00 min
Lab File: BG043308.D
Acq: 23 Oct 2019 14:50

Tgt Ion	Ratio	Lower	Upper
139	100		
109	99.4	75.4	115.4
65	107.8	76.6	116.6





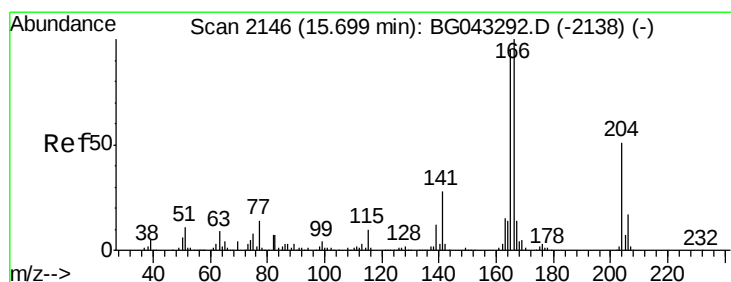
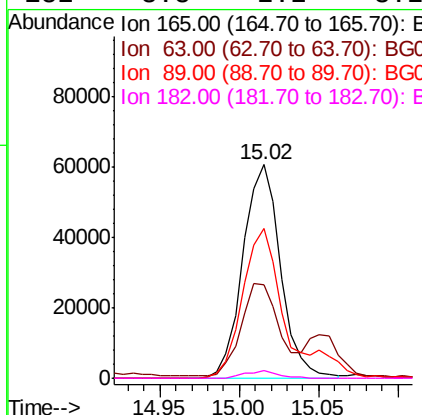
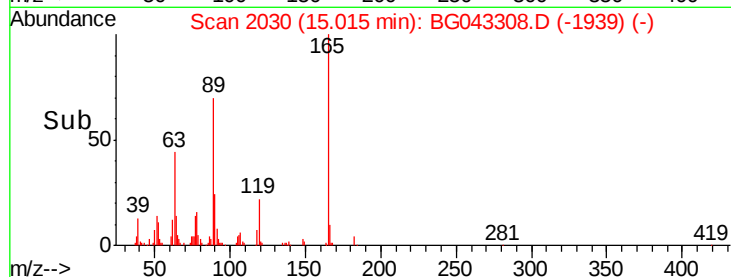
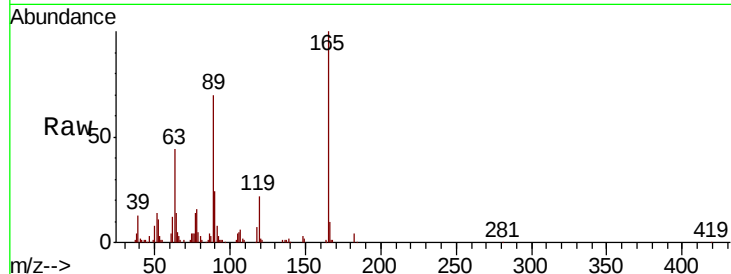
#57
 2,4-Dinitrotoluene
 Concen: 42.076 ng
 RT: 15.02 min Scan# 2030
 Delta R.T. 0.00 min
 Lab File: BG043308.D
 Acq: 23 Oct 2019 14:50

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
165	100	100154		
63	44.0		35.0	52.6
89	70.0		54.1	81.1
182	3.8		2.2	3.2#

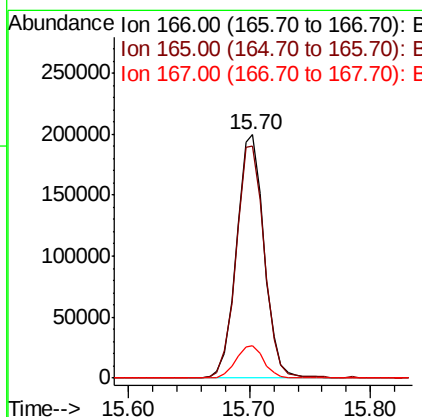
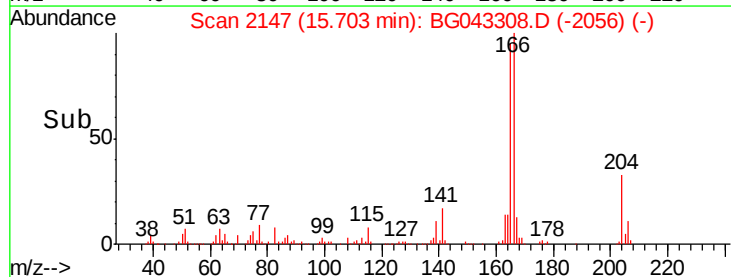
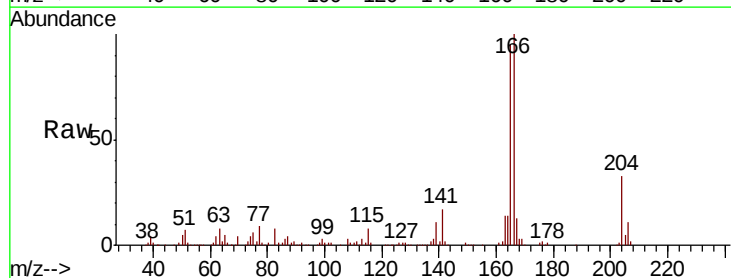
Manual Integrations
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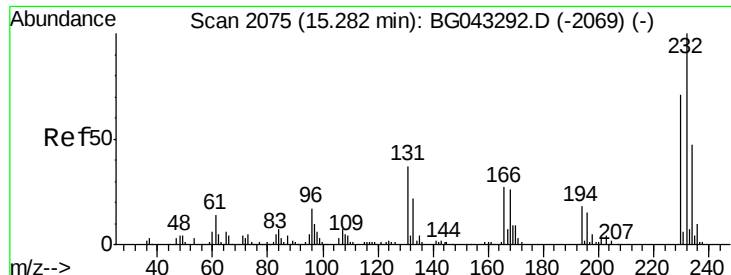
mohammad
 10/24/2019 2:11:32 PM



#58
 Fluorene
 Concen: 42.767 ng
 RT: 15.70 min Scan# 2147
 Delta R.T. 0.00 min
 Lab File: BG043308.D
 Acq: 23 Oct 2019 14:50

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	316301		
165	95.4		76.4	114.6
167	13.2		11.1	16.7





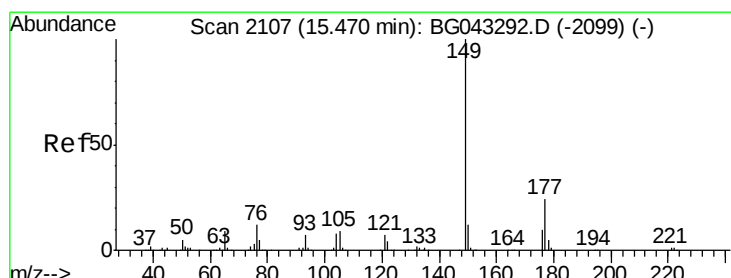
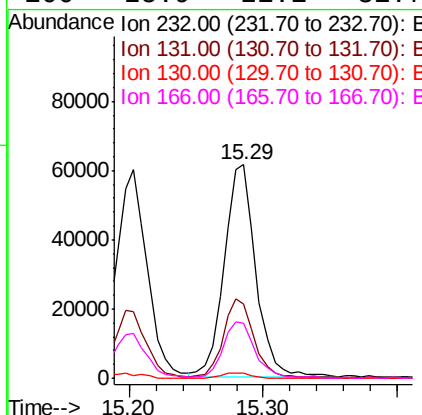
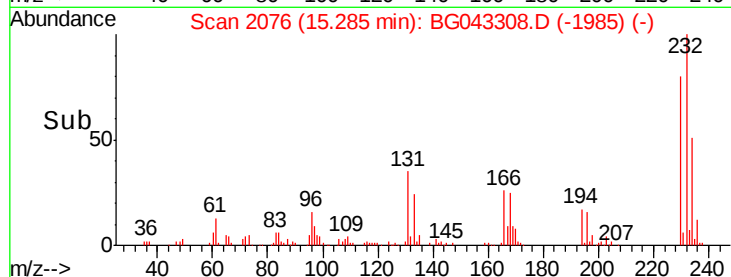
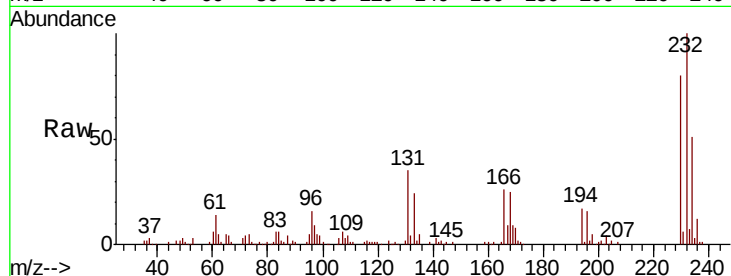
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 43.844 ng
 RT: 15.29 min Scan# 2076
 Delta R.T. 0.00 min
 Lab File: BG043308.D
 Acq: 23 Oct 2019 14:50

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
232	100		
131	36.2	28.7	43.1
130	2.3	0.6	0.8
166	25.9	21.1	31.7

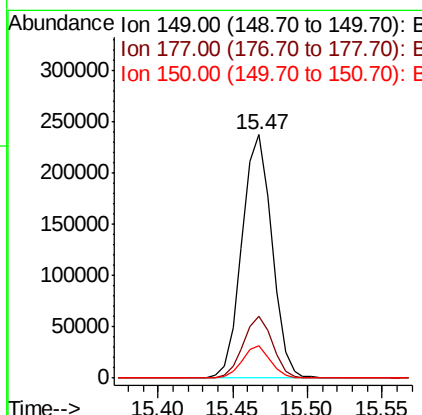
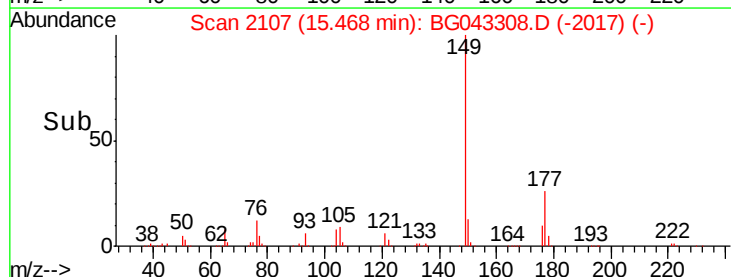
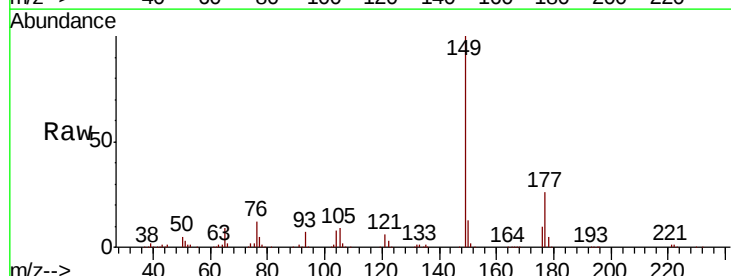
Manual Integrations
 APPROVED

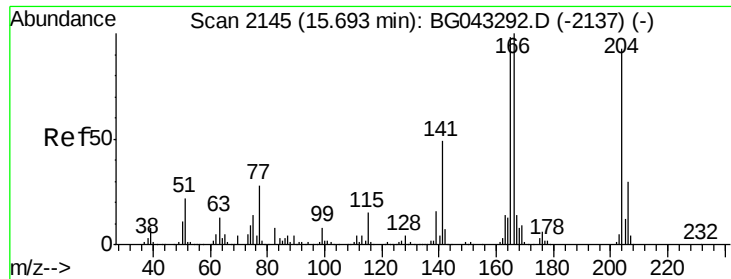
mohammad
 10/24/2019 2:11:32 PM



#60
 Diethylphthalate
 Concen: 42.910 ng
 RT: 15.47 min Scan# 2107
 Delta R.T. -0.00 min
 Lab File: BG043308.D
 Acq: 23 Oct 2019 14:50

Tgt Ion	Ratio	Lower	Upper
149	100		
177	25.6	19.0	28.4
150	13.1	9.4	14.0





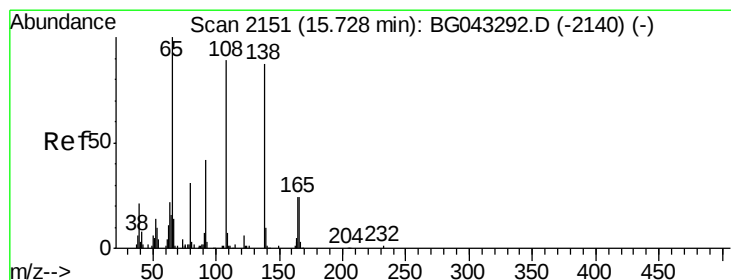
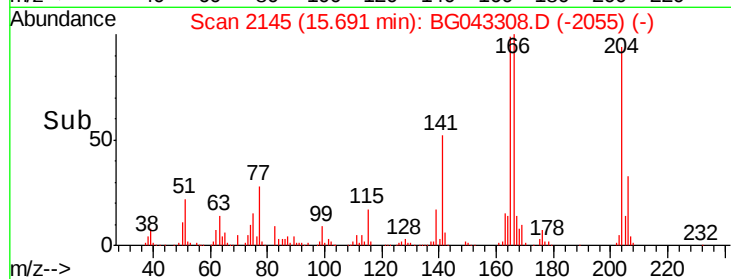
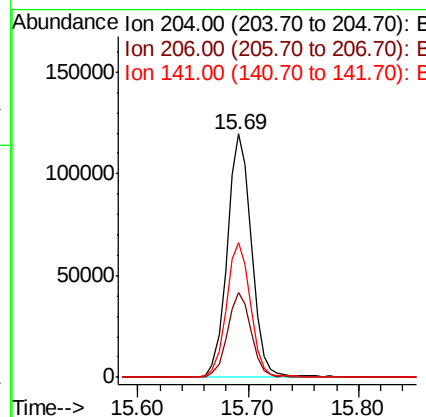
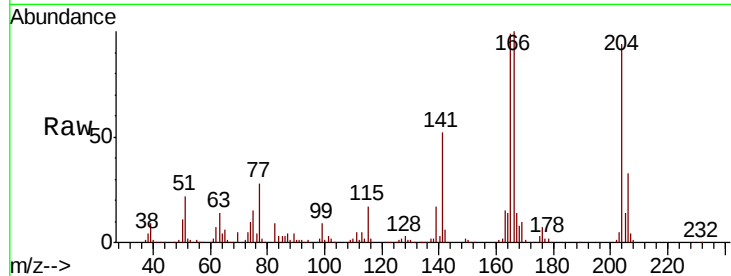
#61
4-Chlorophenyl-phenylether
Concen: 42.686 ng
RT: 15.69 min Scan# 2145
Delta R.T. -0.00 min
Lab File: BG043308.D
Acq: 23 Oct 2019 14:50

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
204	100		
206	34.7	25.7	38.5
141	55.6	42.3	63.5

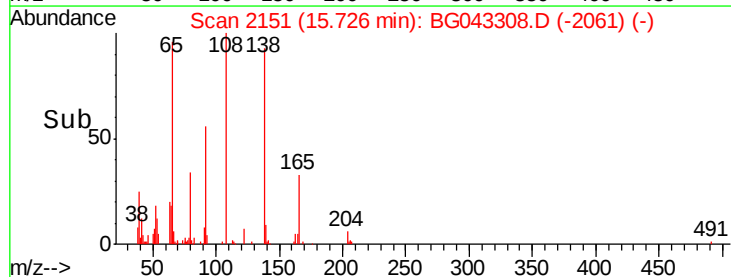
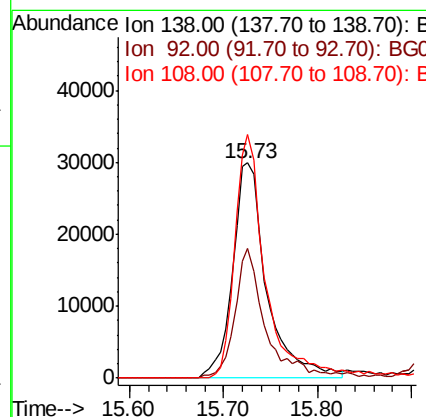
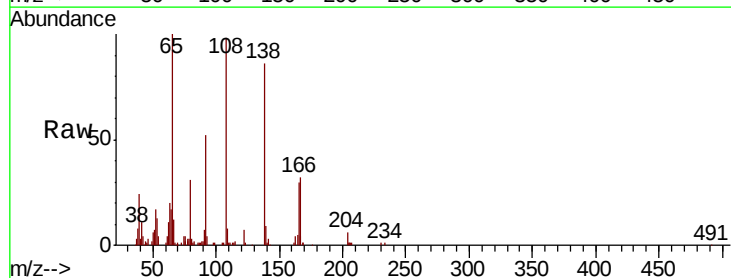
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#62
4-Nitroaniline
Concen: 45.419 ng
RT: 15.73 min Scan# 2151
Delta R.T. -0.00 min
Lab File: BG043308.D
Acq: 23 Oct 2019 14:50

Tgt Ion	Ratio	Lower	Upper
138	100		
92	60.2	28.8	68.8
108	113.2	82.7	122.7





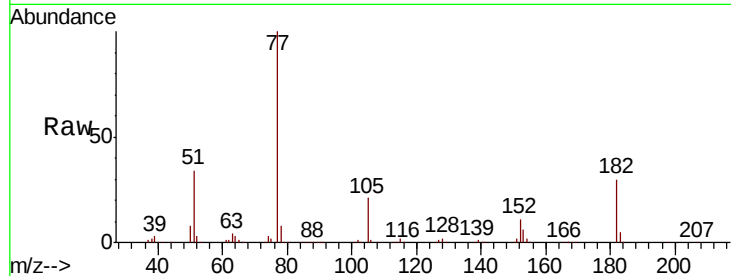
#63
Azobenzene
Concen: 43.054 ng
RT: 15.98 min Scan# 2195
Delta R.T. -0.00 min
Lab File: BG043308.D
Acq: 23 Oct 2019 14:50

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
77	100		
182	30.1	14.9	54.9
105	20.6	0.6	40.6
51	33.6	12.5	52.5

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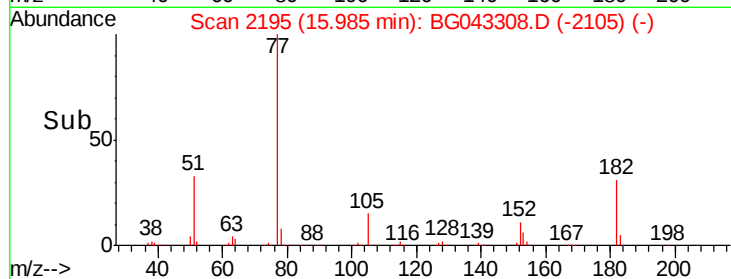
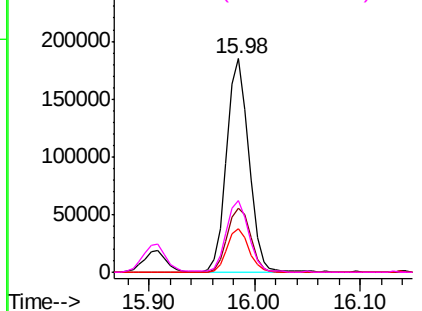
Abundance

Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.40 min Scan# 2436
Delta R.T. -0.00 min
Lab File: BG043308.D
Acq: 23 Oct 2019 14:50

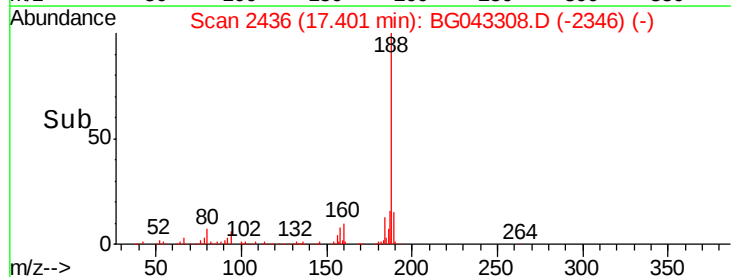
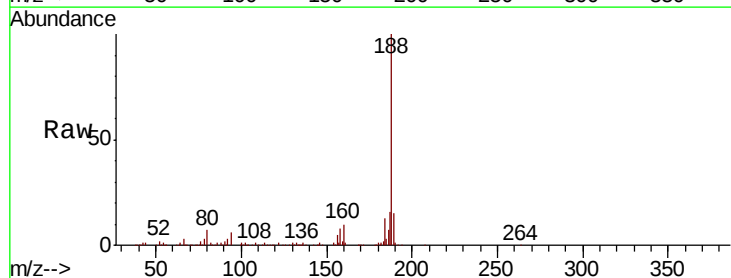
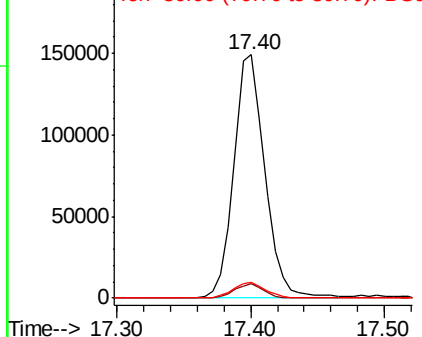
Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.0	4.2	6.2
80	6.7	5.2	7.8

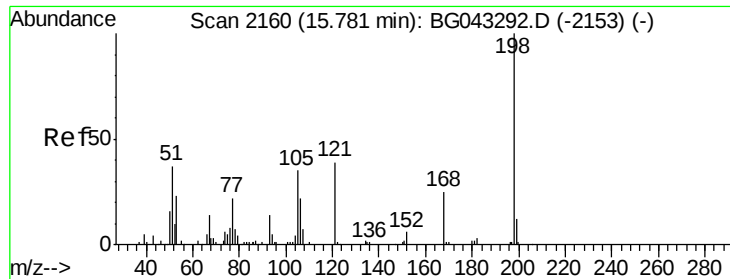
Abundance

Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 41.167 ng

RT: 15.78 min Scan# 2160

Delta R.T. -0.00 min

Lab File: BG043308.D

Acq: 23 Oct 2019 14:50

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion:198 Resp: 58408

Ion Ratio Lower Upper

198 100

51 38.3 21.4 61.4

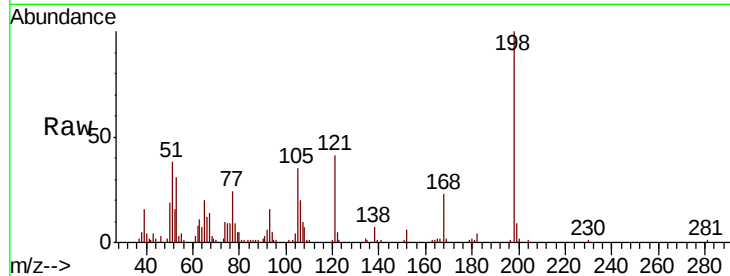
105 34.5 16.5 56.5

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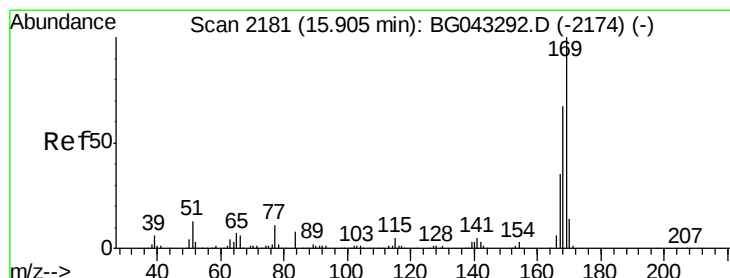
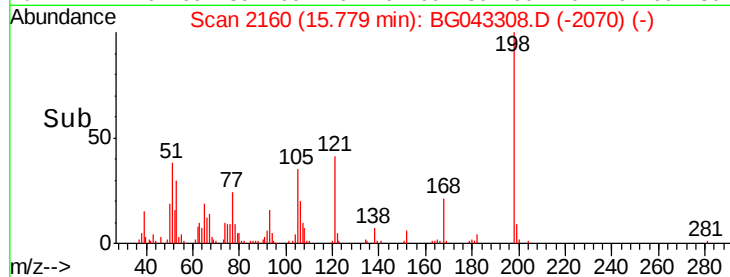
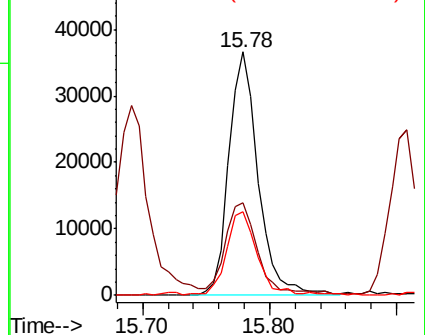
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 41.022 ng

RT: 15.91 min Scan# 2182

Delta R.T. 0.00 min

Lab File: BG043308.D

Acq: 23 Oct 2019 14:50

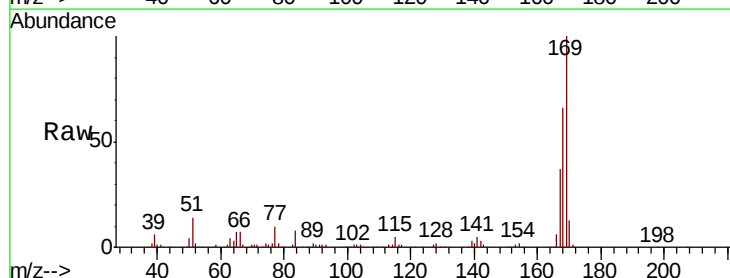
Tgt Ion:169 Resp: 279218

Ion Ratio Lower Upper

169 100

168 66.4 53.9 80.9

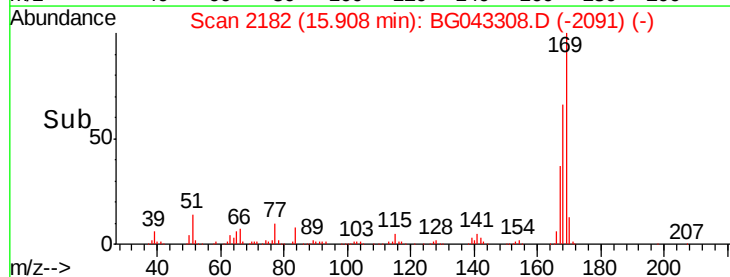
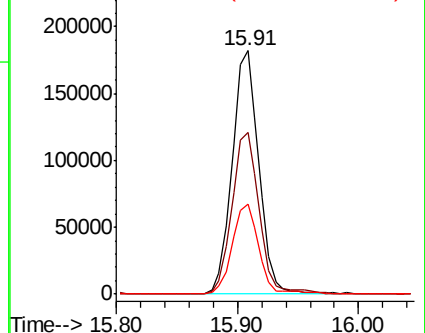
167 37.0 28.3 42.5

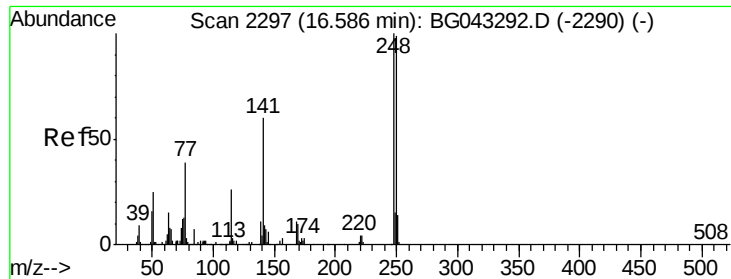


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





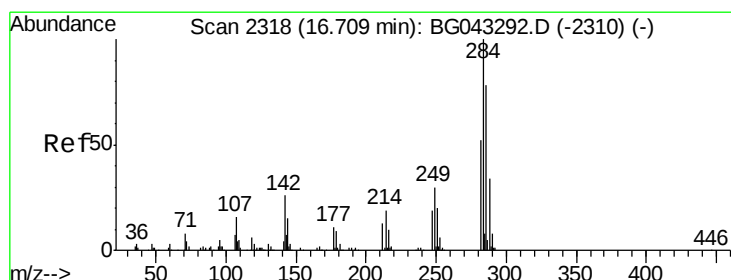
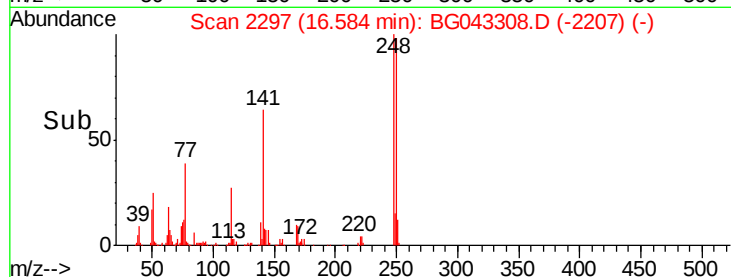
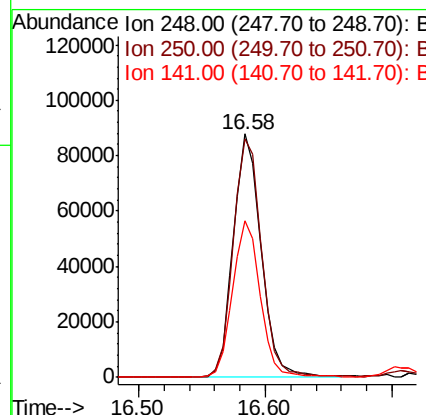
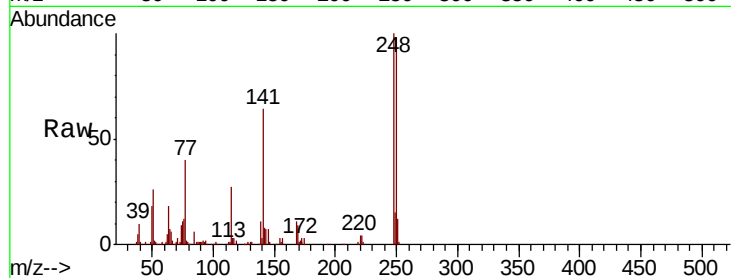
#67
4-Bromophenyl-phenylether
Concen: 41.146 ng
RT: 16.58 min Scan# 2297
Delta R.T. -0.00 min
Lab File: BG043308.D
Acq: 23 Oct 2019 14:50

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.1	79.3	118.9
141	64.5	47.9	71.9

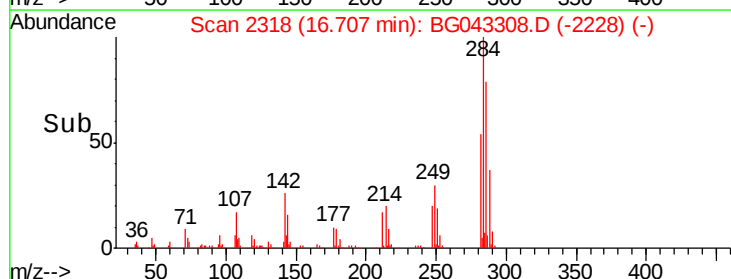
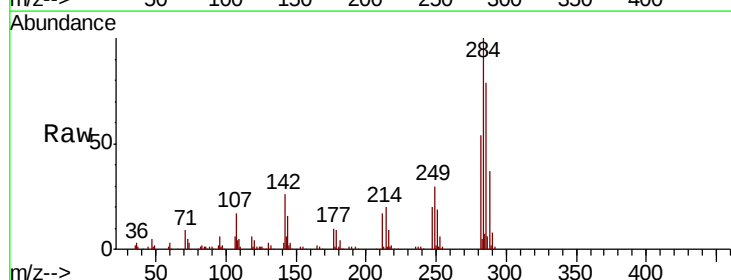
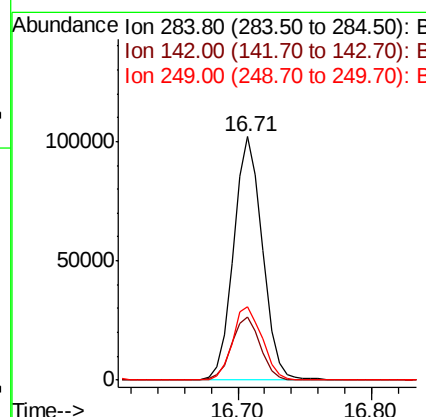
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#68
Hexachlorobenzene
Concen: 41.267 ng
RT: 16.71 min Scan# 2318
Delta R.T. -0.00 min
Lab File: BG043308.D
Acq: 23 Oct 2019 14:50

Tgt Ion	Ratio	Lower	Upper
284	100		
142	25.8	21.1	31.7
249	30.1	24.4	36.6





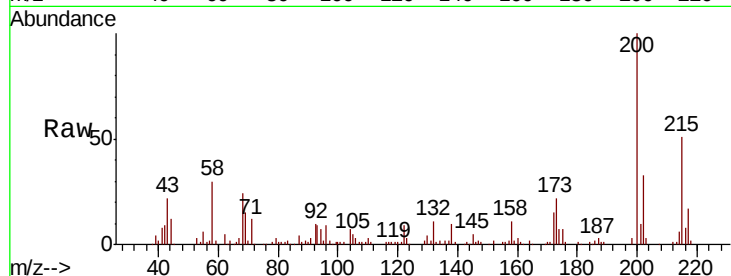
#69
Atrazine
Concen: 41.629 ng
RT: 16.85 min Scan# 2343
Delta R.T. -0.00 min
Lab File: BG043308.D
Acq: 23 Oct 2019 14:50

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
200	100		
173	22.2	5.1	45.1
215	50.6	26.6	66.6

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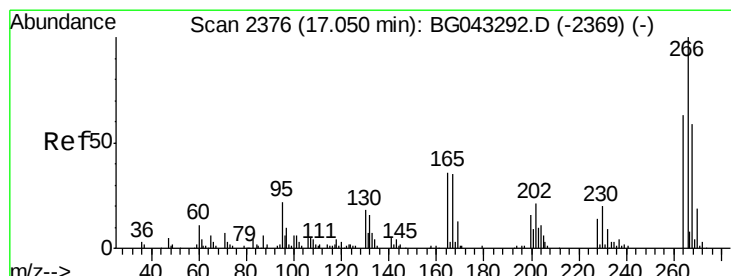
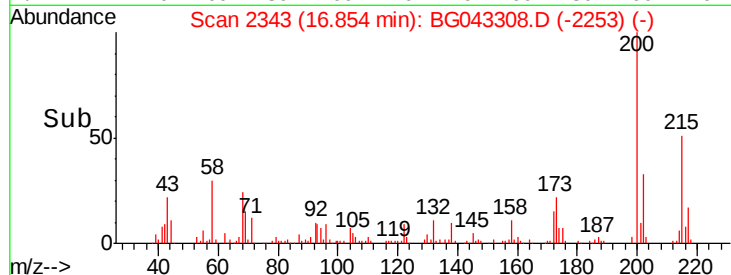
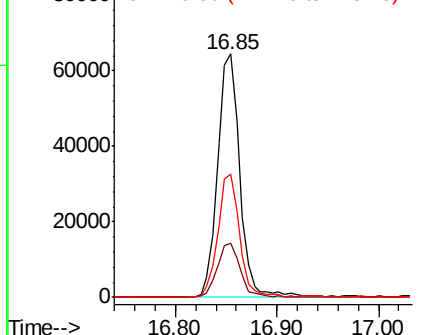


Abundance

Ion 200.00 (199.70 to 200.70): E

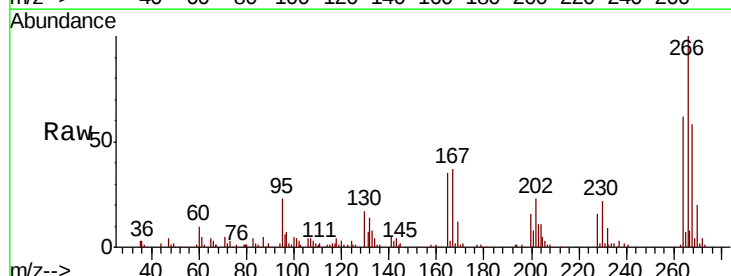
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 42.848 ng
RT: 17.05 min Scan# 2377
Delta R.T. 0.00 min
Lab File: BG043308.D
Acq: 23 Oct 2019 14:50

Tgt Ion	Ratio	Lower	Upper
266	100		
268	57.9	47.1	70.7
264	61.8	50.4	75.6

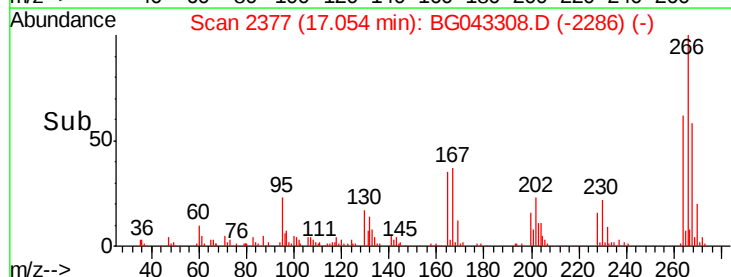
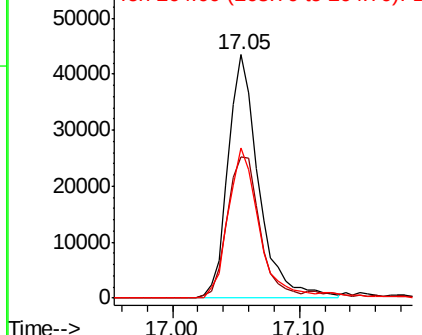


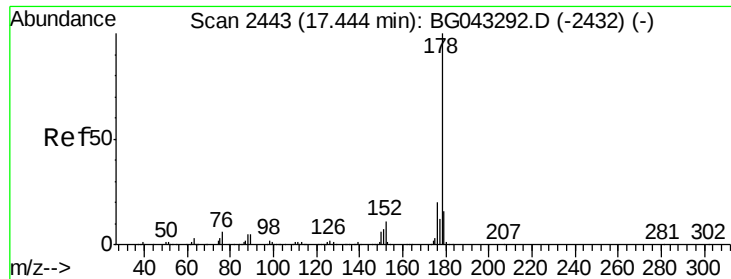
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





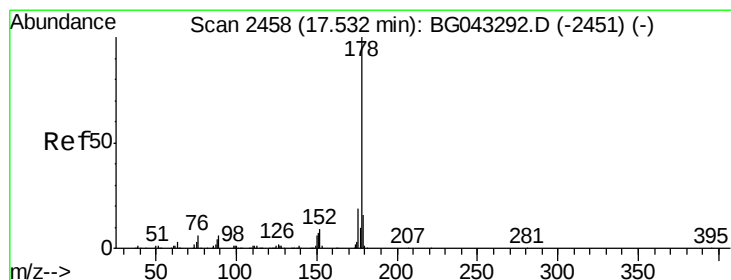
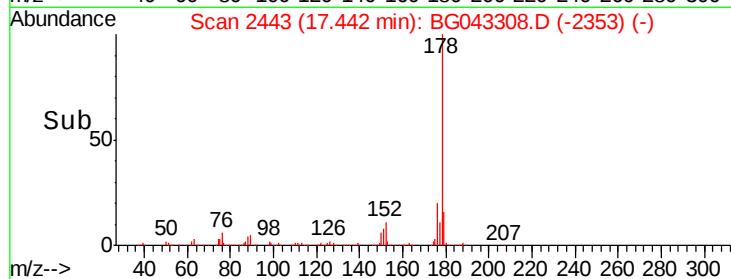
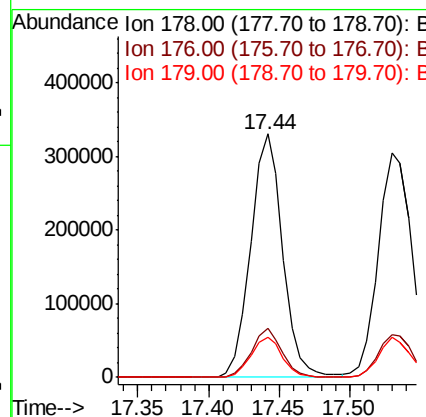
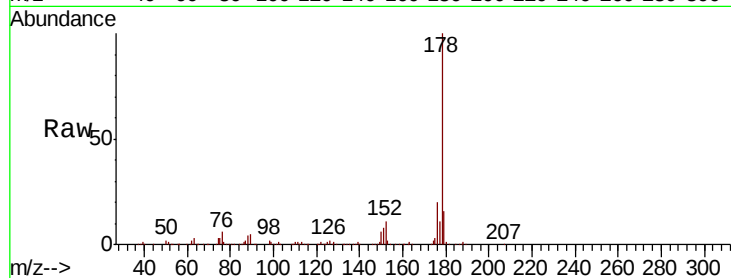
#71
Phenanthrene
Concen: 42.338 ng
RT: 17.44 min Scan# 2443
Delta R.T. -0.00 min
Lab File: BG043308.D
Acq: 23 Oct 2019 14:50

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.8	23.8
179	16.4	13.1	19.7

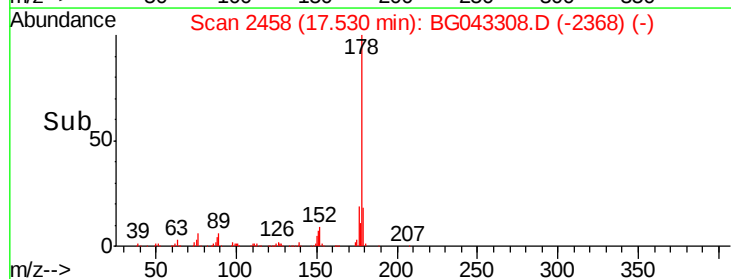
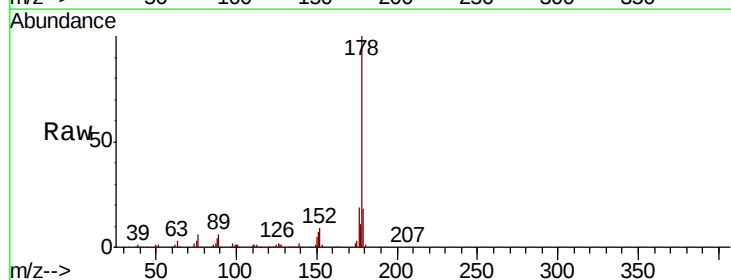
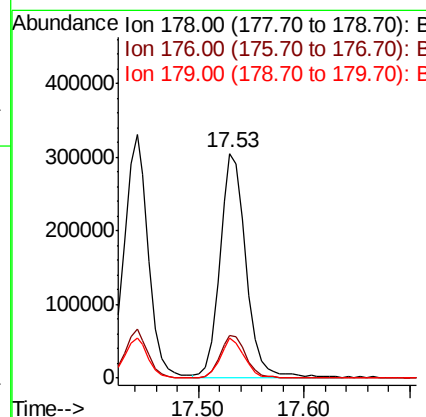
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#72
Anthracene
Concen: 42.010 ng
RT: 17.53 min Scan# 2458
Delta R.T. -0.00 min
Lab File: BG043308.D
Acq: 23 Oct 2019 14:50

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.1	22.7
179	18.1	13.0	19.6





#73

Carbazole

Concen: 42.439 ng

RT: 17.81 min Scan# 2505

Delta R.T. -0.00 min

Lab File: BG043308.D

Acq: 23 Oct 2019 14:50

Instrument :

BNA_G

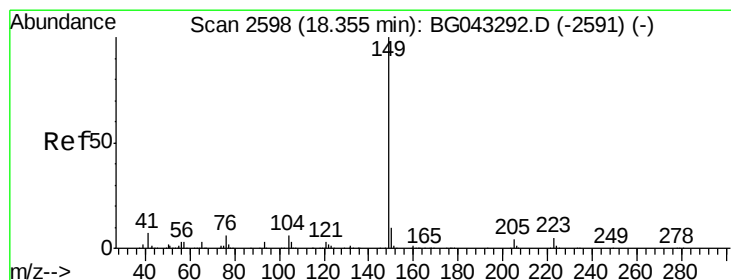
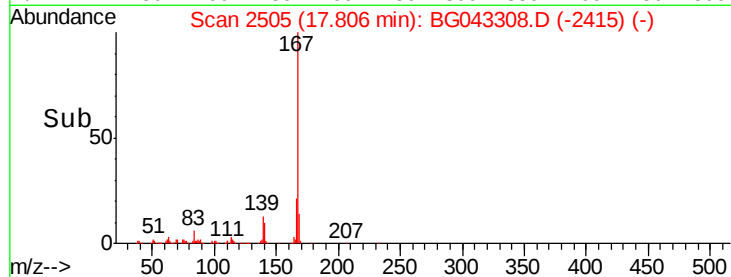
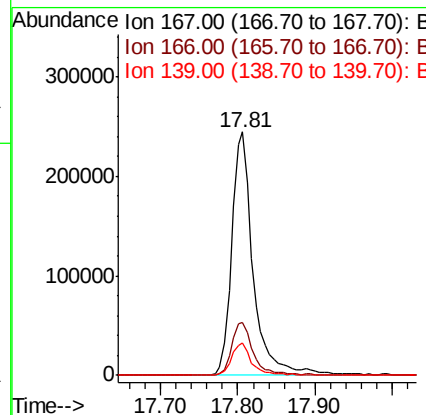
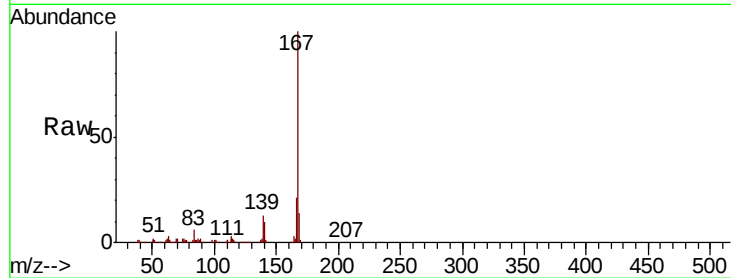
ClientSampleId :

SSTDCCC040

Tot Ion:	167	Resp:	474704
Ion Ratio	Lower	Upper	
167	100		
166	21.5	18.4	27.6
139	13.1	10.2	15.4

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#74

Di-n-butylphthalate

Concen: 43.256 ng

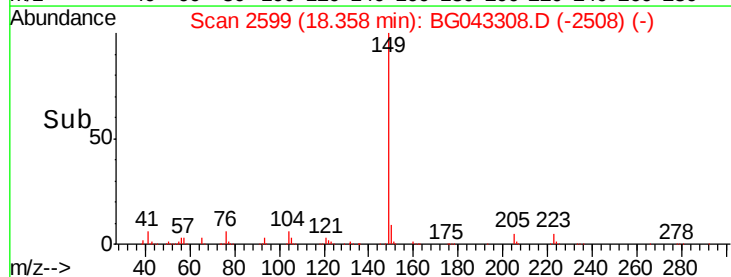
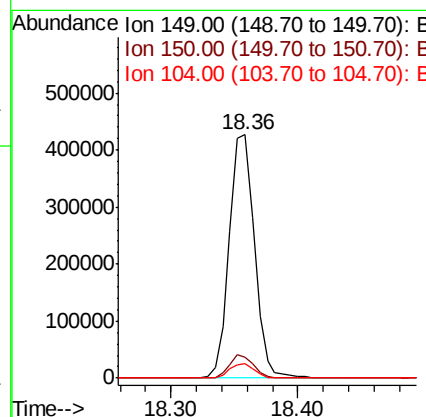
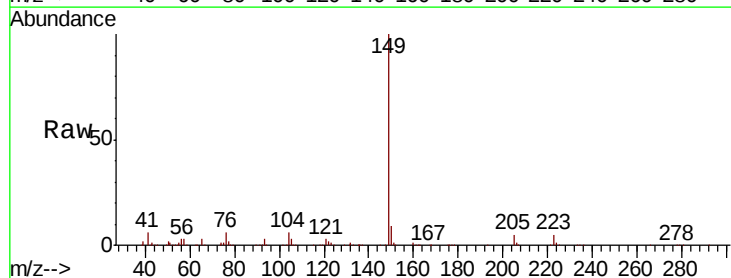
RT: 18.36 min Scan# 2599

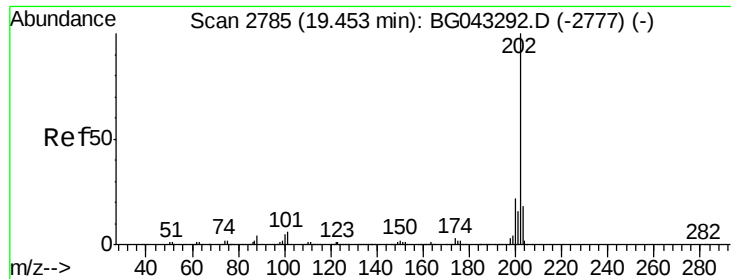
Delta R.T. 0.00 min

Lab File: BG043308.D

Acq: 23 Oct 2019 14:50

Tgt Ion:	149	Resp:	587071
Ion Ratio	Lower	Upper	
149	100		
150	8.8	8.0	12.0
104	5.8	4.7	7.1





#75

Fluoranthene

Concen: 43.872 ng

RT: 19.45 min Scan# 2785

Delta R.T. -0.00 min

Lab File: BG043308.D

Acq: 23 Oct 2019 14:50

Instrument :

BNA_G

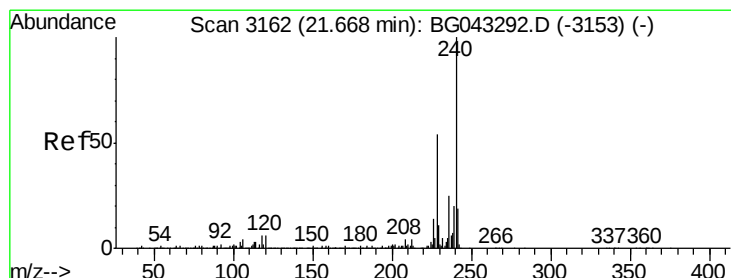
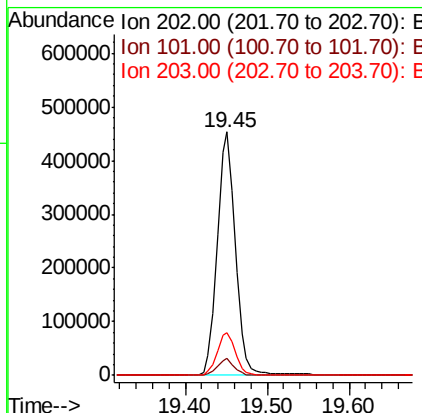
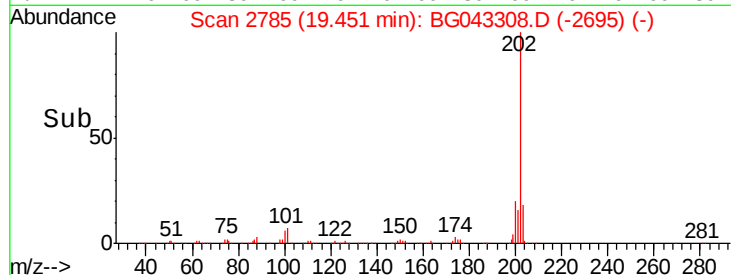
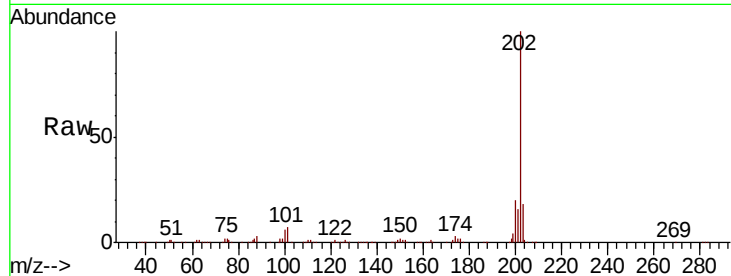
ClientSampleId :

SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		706105		
101	6.8	0.0	26.0		
203	17.6	0.0	38.2		

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#76

Chrysene-d12

Concen: 20.000 ng

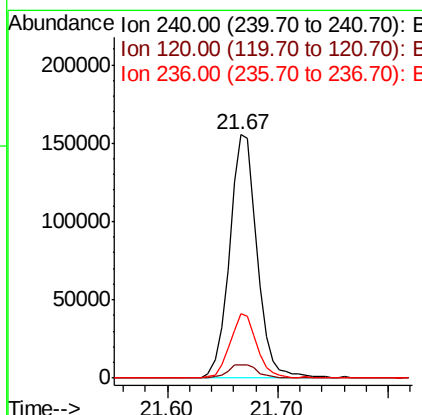
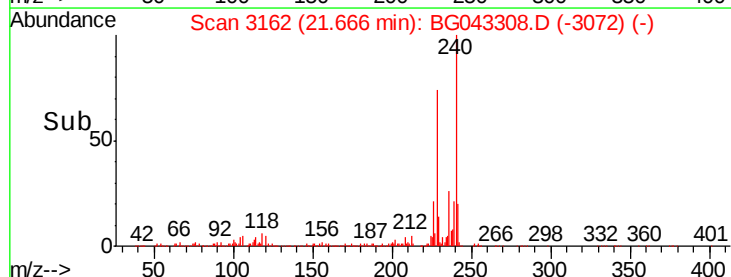
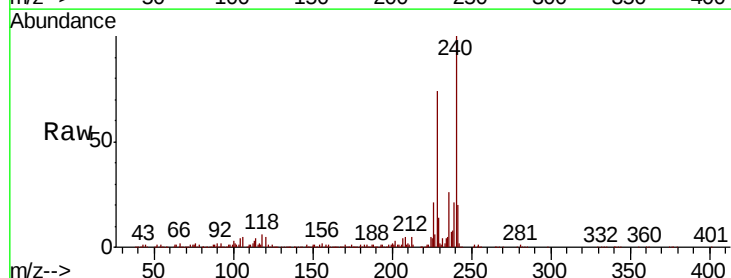
RT: 21.67 min Scan# 3162

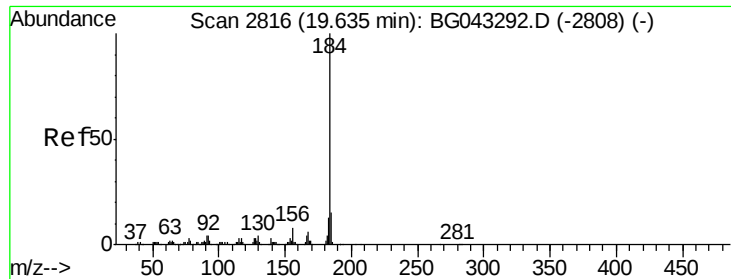
Delta R.T. -0.00 min

Lab File: BG043308.D

Acq: 23 Oct 2019 14:50

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
240	100		272179		
120	5.4	4.6	7.0		
236	26.2	20.2	30.4		





#77

Benzidine

Concen: 43.440 ng

RT: 19.63 min Scan# 2816

Delta R.T. -0.00 min

Lab File: BG043308.D

Acq: 23 Oct 2019 14:50

Instrument :

BNA_G

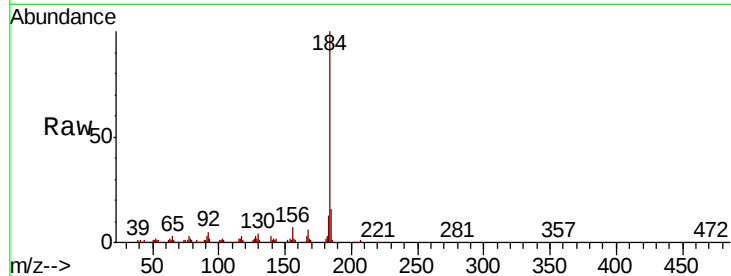
ClientSampleId :

SSTDCCC040

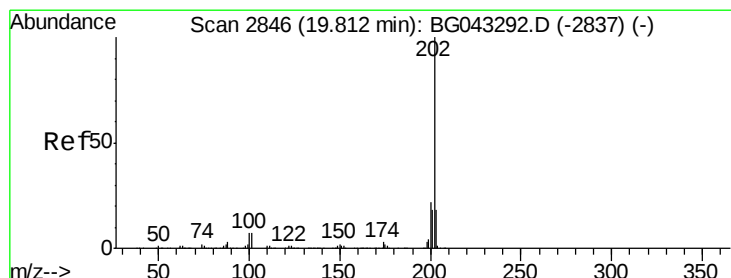
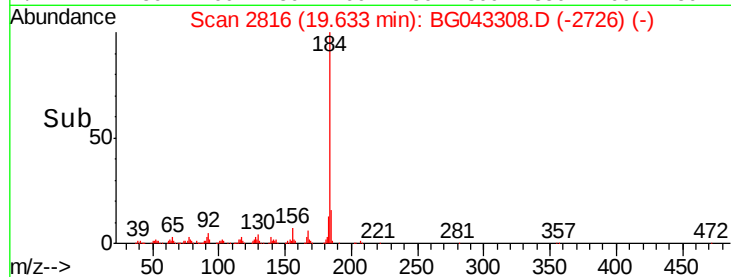
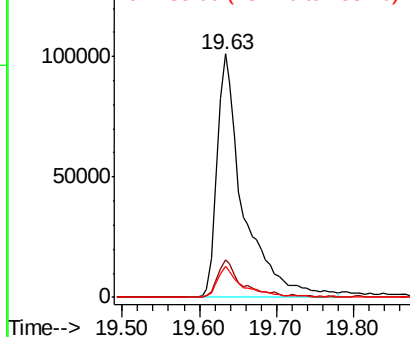
Tot Ion:	184	Resp:	237950
Ion Ratio	Lower	Upper	
184	100		
185	15.7	11.8	17.6
183	13.0	10.6	16.0

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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: 42.200 ng

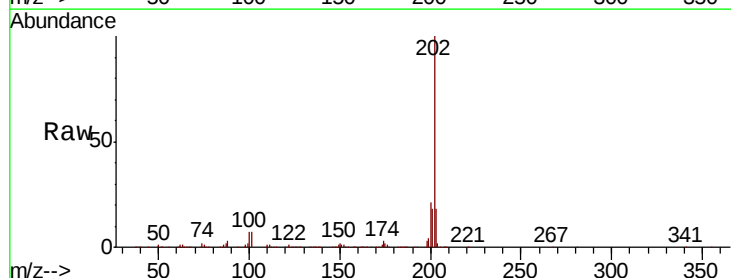
RT: 19.81 min Scan# 2846

Delta R.T. -0.00 min

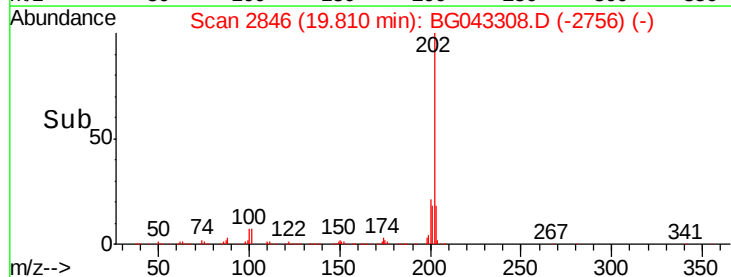
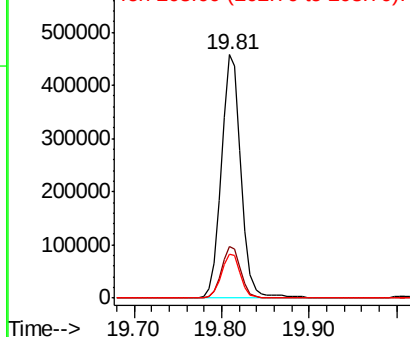
Lab File: BG043308.D

Acq: 23 Oct 2019 14:50

Tgt Ion:	202	Resp:	710960
Ion Ratio	Lower	Upper	
202	100		
200	21.4	17.3	25.9
203	18.0	14.5	21.7



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: 86.057 ng

RT: 20.01 min Scan# 2880

Delta R.T. -0.00 min

Lab File: BG043308.D

Acq: 23 Oct 2019 14:50

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion:244 Resp: 1248512

Ion Ratio Lower Upper

244 100

212 7.3 6.4 9.6

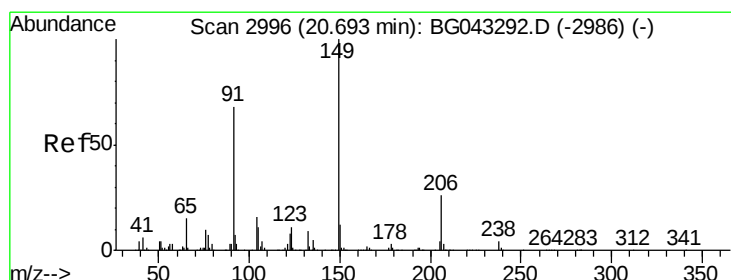
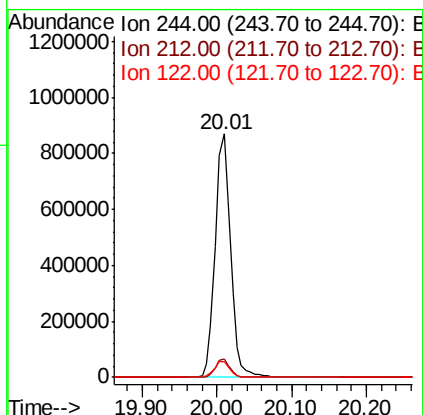
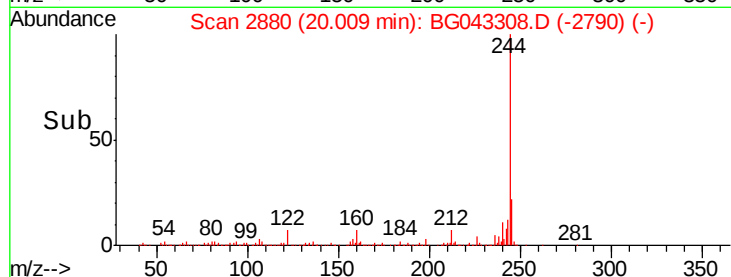
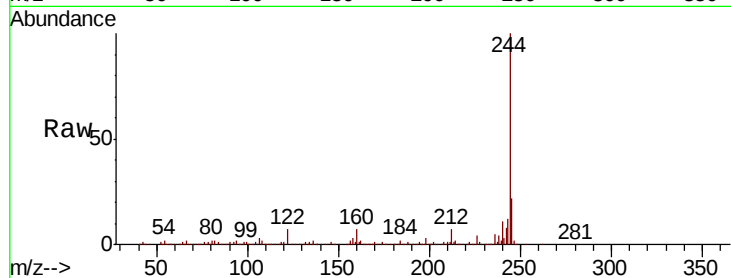
122 6.7 5.3 7.9

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#80

Butylbenzylphthalate

Concen: 41.451 ng

RT: 20.70 min Scan# 2997

Delta R.T. 0.00 min

Lab File: BG043308.D

Acq: 23 Oct 2019 14:50

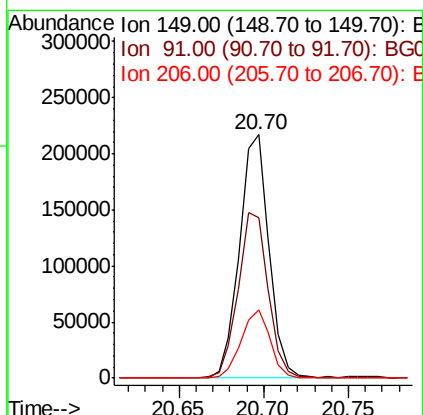
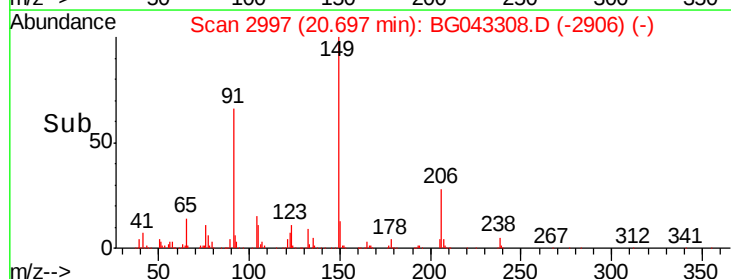
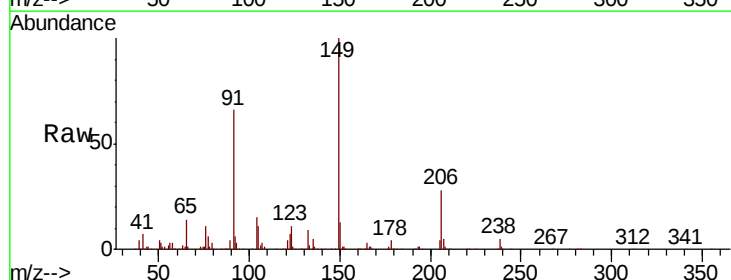
Tgt Ion:149 Resp: 264576

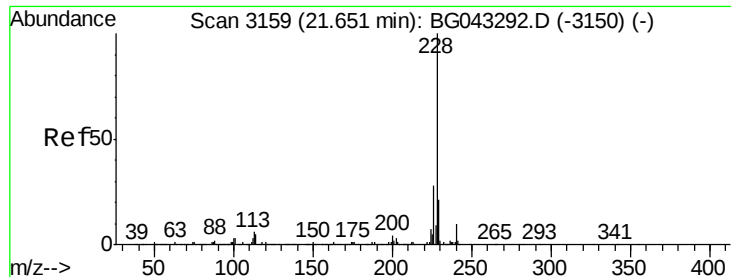
Ion Ratio Lower Upper

149 100

91 66.0 54.6 82.0

206 27.8 20.5 30.7





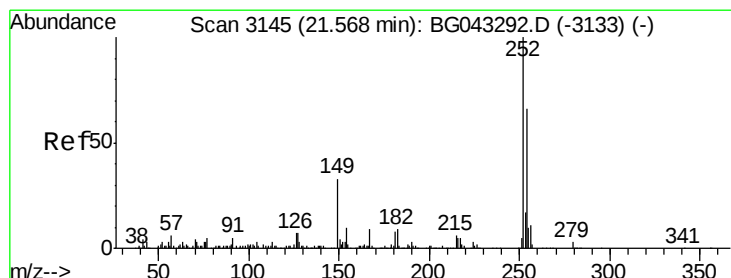
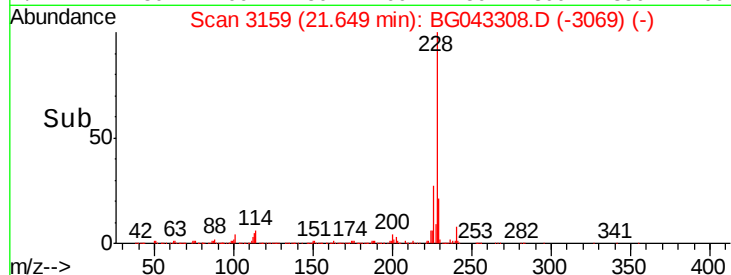
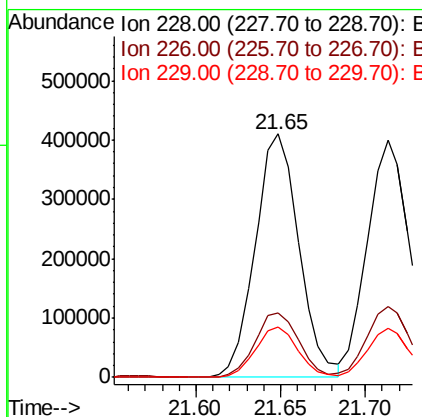
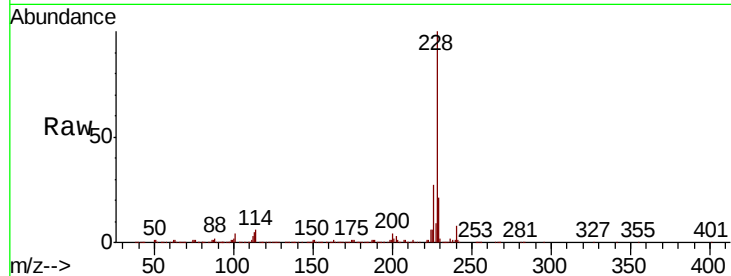
#81
Benzo(a)anthracene
Concen: 43.027 ng
RT: 21.65 min Scan# 3159
Delta R.T. -0.00 min
Lab File: BG043308.D
Acq: 23 Oct 2019 14:50

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
228	100		
226	26.6	22.2	33.4
229	20.9	16.9	25.3

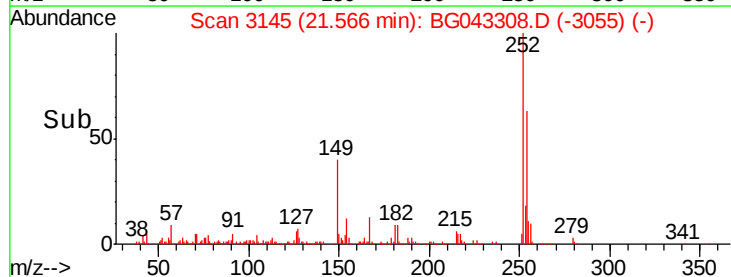
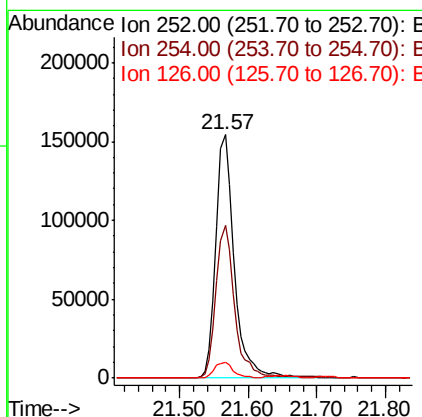
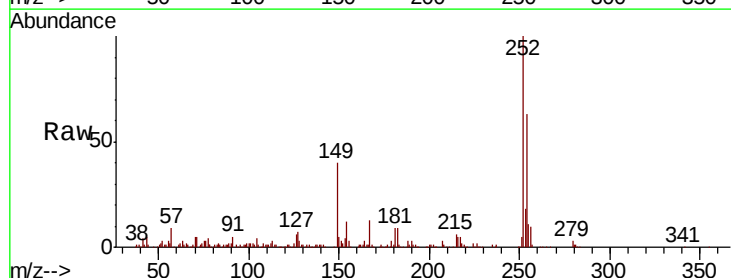
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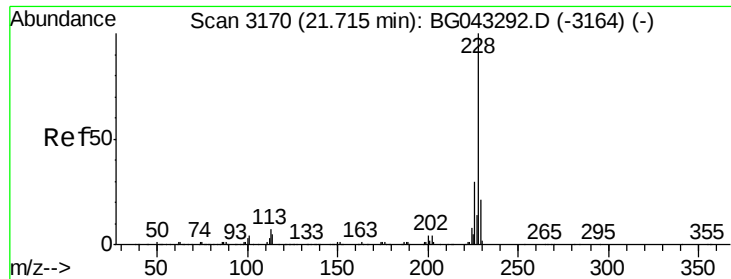
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#82
3,3'-Dichlorobenzidine
Concen: 43.777 ng
RT: 21.57 min Scan# 3145
Delta R.T. -0.00 min
Lab File: BG043308.D
Acq: 23 Oct 2019 14:50

Tgt Ion	Ratio	Lower	Upper
252	100		
254	62.7	52.7	79.1
126	6.4	5.6	8.4





#83

Chrysene

Concen: 41.826 ng

RT: 21.71 min Scan# 3170

Delta R.T. -0.00 min

Lab File: BG043308.D

Acq: 23 Oct 2019 14:50

Instrument :

BNA_G

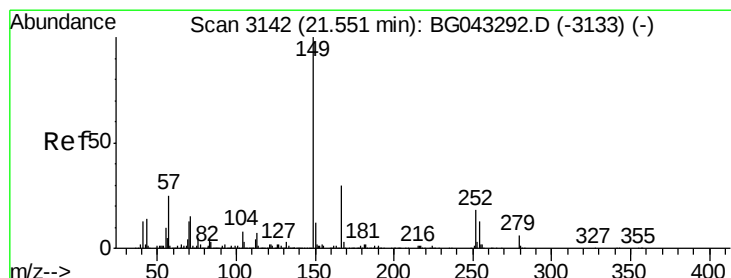
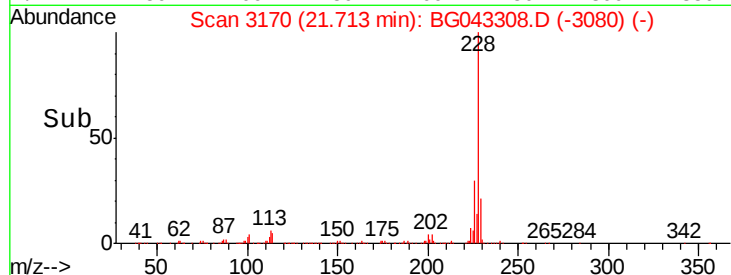
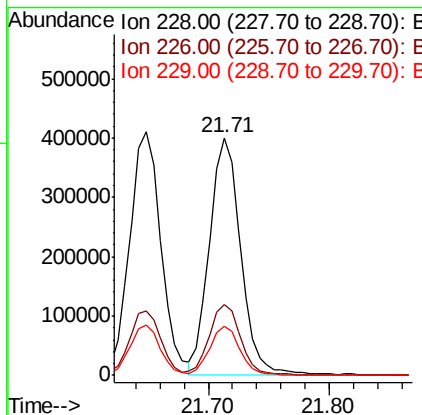
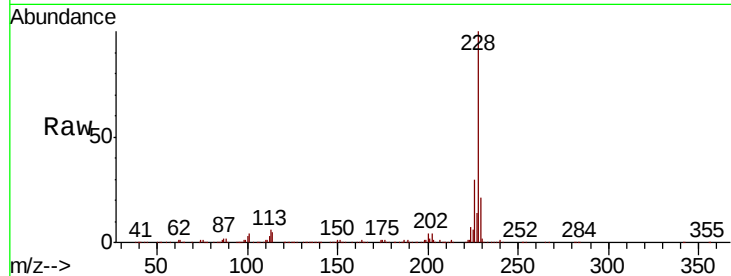
ClientSampleId :

SSTDCCC040

Tot Ion:	228	Resp:	708507
Ion Ratio	Lower	Upper	
228	100		
226	29.8	23.8	35.8
229	20.8	16.3	24.5

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#84

Bis(2-ethylhexyl)phthalate

Concen: 42.398 ng

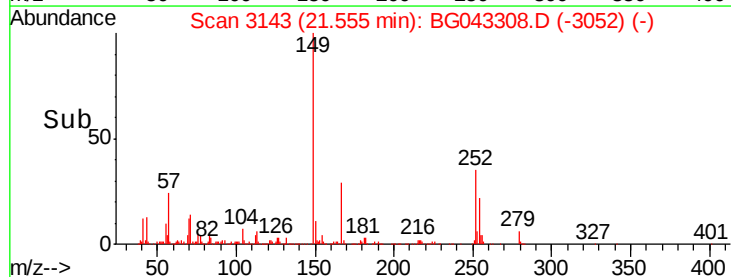
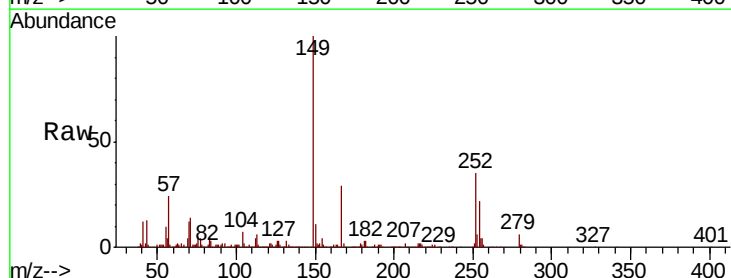
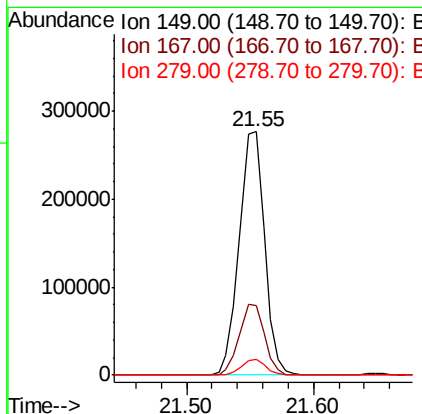
RT: 21.55 min Scan# 3143

Delta R.T. 0.00 min

Lab File: BG043308.D

Acq: 23 Oct 2019 14:50

Tgt Ion:	149	Resp:	384421
Ion Ratio	Lower	Upper	
149	100		
167	28.8	23.9	35.9
279	6.4	4.8	7.2





#85

Di-n-octyl phthalate

Concen: 41.271 ng

RT: 22.75 min Scan# 3347

Delta R.T. -0.00 min

Lab File: BG043308.D

Acq: 23 Oct 2019 14:50

Instrument :

BNA_G

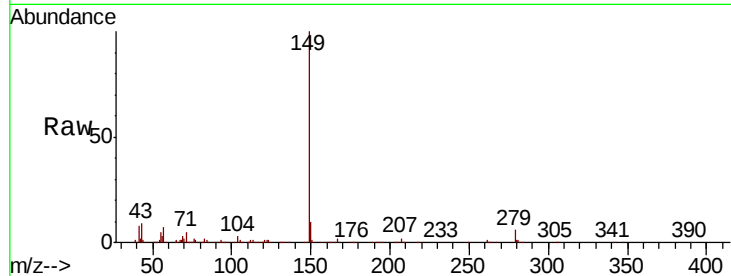
ClientSampleId :

SSTDCCC040

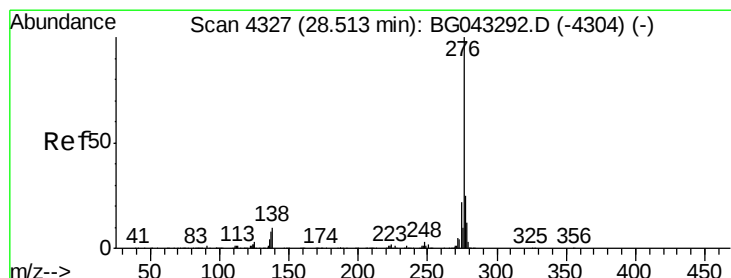
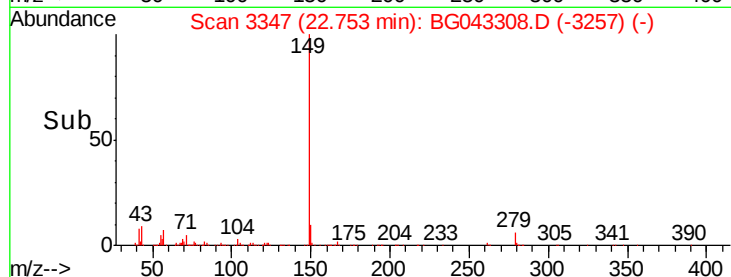
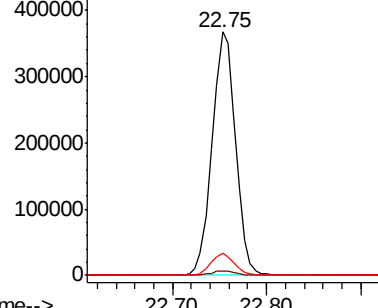
Tot Ion:	149	Resp:	634864
Ion Ratio	Lower	Upper	
149	100		
167	1.8	1.4	2.0
43	8.9	6.9	10.3

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 42.197 ng

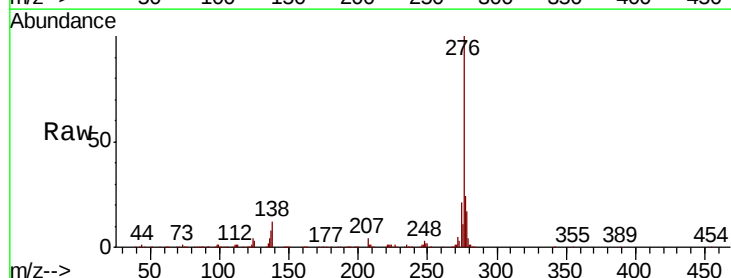
RT: 28.52 min Scan# 4328

Delta R.T. 0.00 min

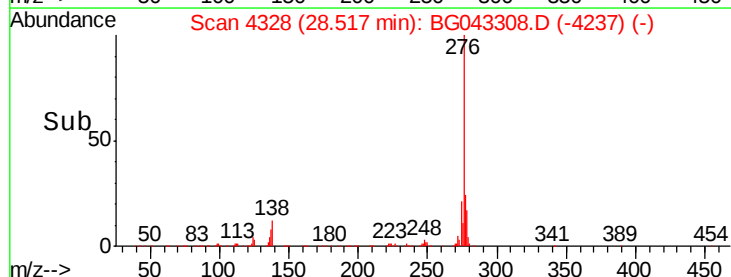
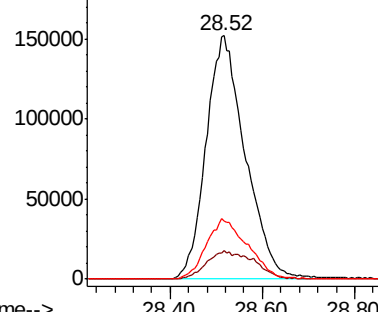
Lab File: BG043308.D

Acq: 23 Oct 2019 14:50

Tgt Ion:	276	Resp:	897257
Ion Ratio	Lower	Upper	
276	100		
138	13.9	7.2	10.8#
277	26.1	20.9	31.3



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.87 min Scan# 3707

Delta R.T. -0.00 min

Lab File: BG043308.D

Acq: 23 Oct 2019 14:50

Instrument :

BNA_G

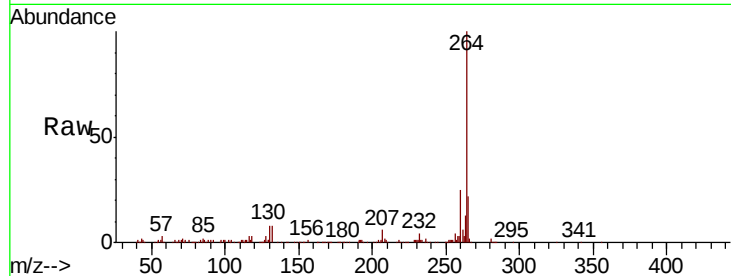
ClientSampleId :

SSTDCCC040

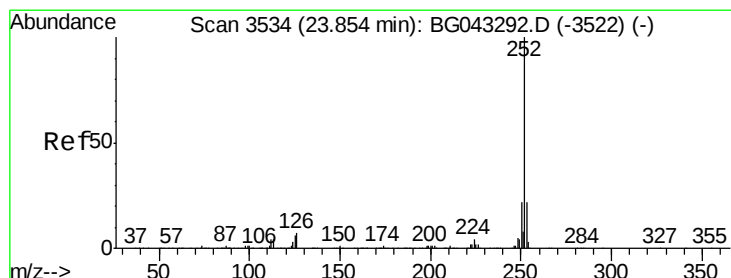
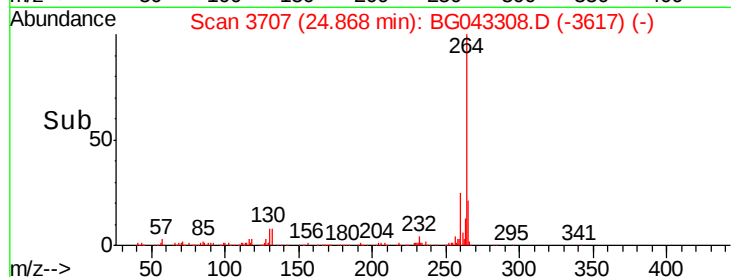
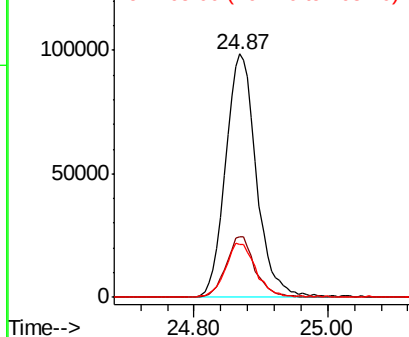
Tot Ion:	264	Resp:	317955
Ion Ratio	Lower	Upper	
264	100		
260	24.9	17.9	26.9
265	21.7	17.4	26.2

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Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 42.156 ng

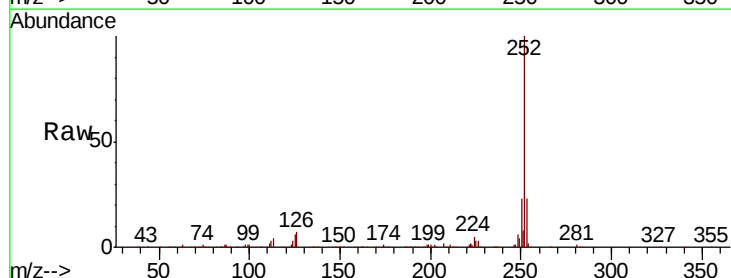
RT: 23.85 min Scan# 3534

Delta R.T. -0.00 min

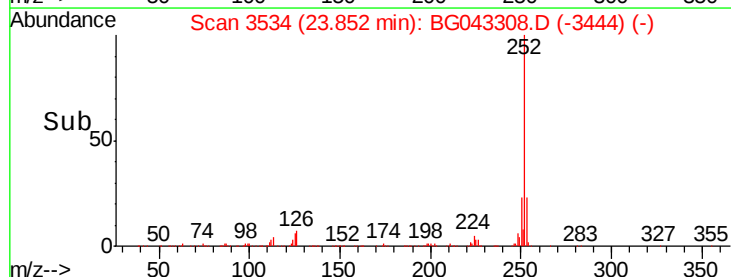
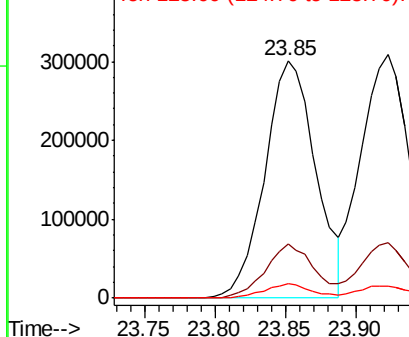
Lab File: BG043308.D

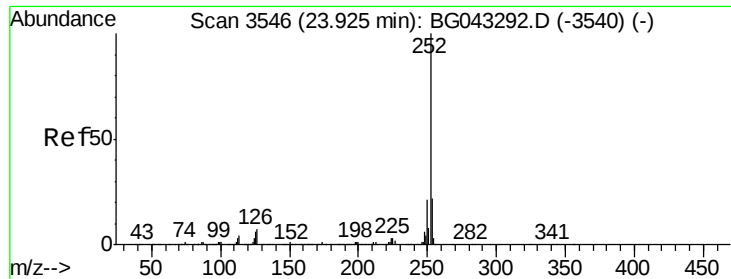
Acq: 23 Oct 2019 14:50

Tgt Ion:	252	Resp:	759147
Ion Ratio	Lower	Upper	
252	100		
253	22.6	17.4	26.2
125	5.8	5.0	7.6



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





#89

Benzo(k)fluoranthene

Concen: 41.723 ng

RT: 23.92 min Scan# 3546

Delta R.T. -0.00 min

Lab File: BG043308.D

Acq: 23 Oct 2019 14:50

Instrument :

BNA_G

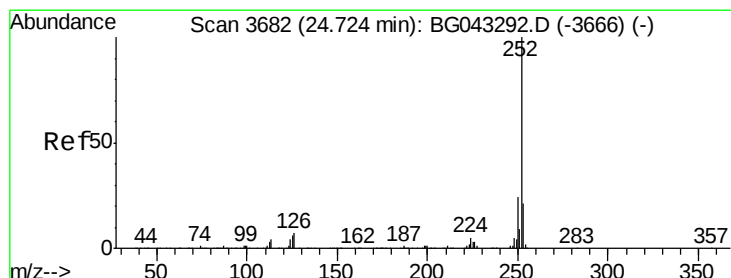
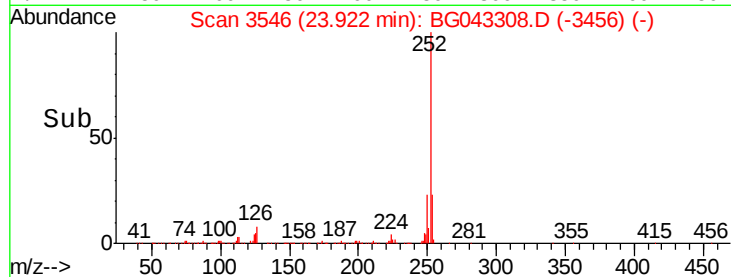
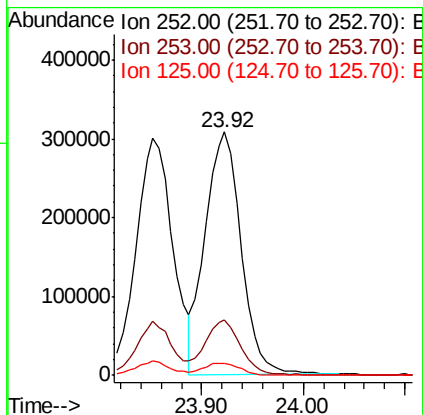
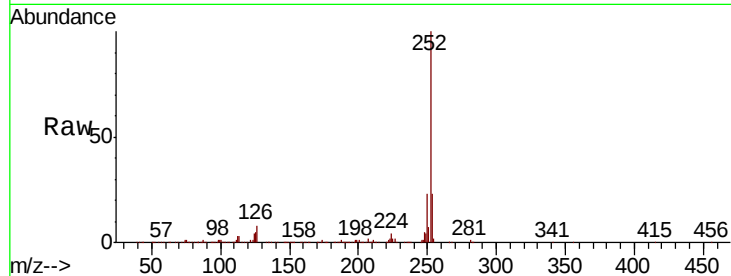
ClientSampleId :

SSTDCCC040

Tot Ion:	252	Resp:	756391
Ion Ratio	Lower	Upper	
252	100		
253	22.7	17.6	26.4
125	4.9	4.5	6.7

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#90

Benzo(a)pyrene

Concen: 41.836 ng

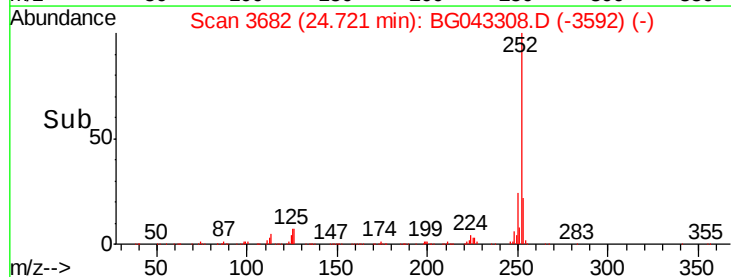
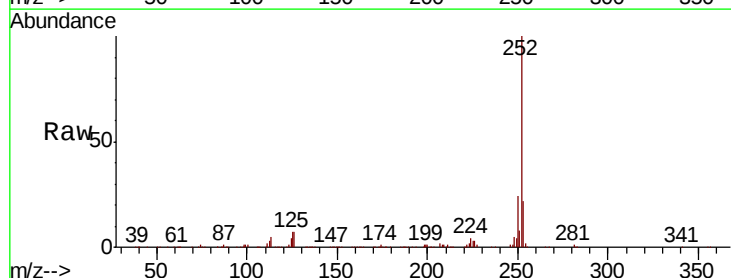
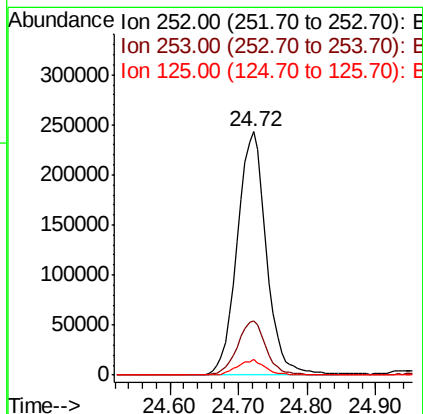
RT: 24.72 min Scan# 3682

Delta R.T. -0.00 min

Lab File: BG043308.D

Acq: 23 Oct 2019 14:50

Tgt Ion:	252	Resp:	719427
Ion Ratio	Lower	Upper	
252	100		
253	22.4	17.2	25.8
125	6.7	5.0	7.6





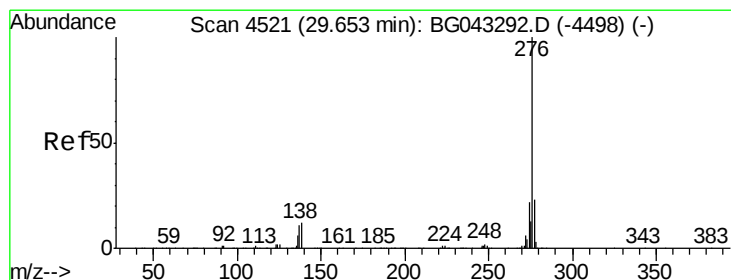
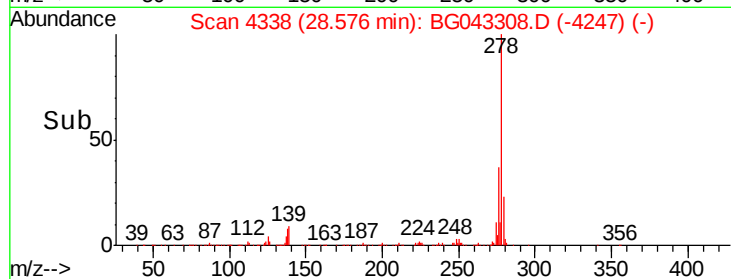
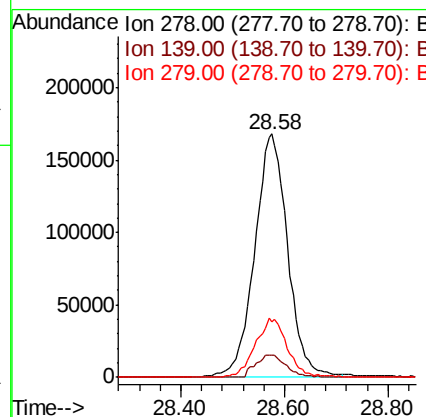
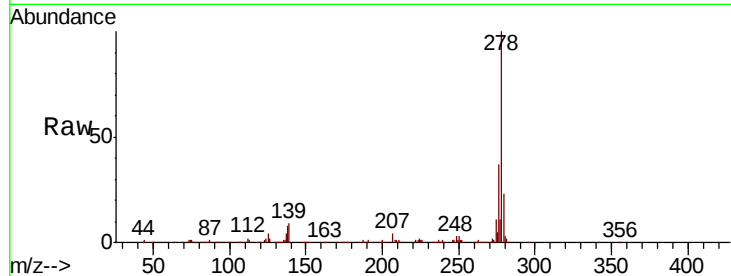
#91
Dibenzo(a,h)anthracene
Concen: 42.269 ng
RT: 28.58 min Scan# 4338
Delta R.T. 0.00 min
Lab File: BG043308.D
Acq: 23 Oct 2019 14:50

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
278	100		
139	9.4	6.8	10.2
279	22.8	19.0	28.6

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#92
Benzo(g,h,i)perylene
Concen: 41.871 ng
RT: 29.66 min Scan# 4522
Delta R.T. 0.00 min
Lab File: BG043308.D
Acq: 23 Oct 2019 14:50

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.6	18.3	27.5
138	10.9	9.3	13.9

