

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110519\
 Data File : BG043511.D
 Acq On : 5 Nov 2019 17:11
 Operator : JU
 Sample : K5676-05MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SU-02-110119MS

Manual Integrations
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mohammad
 11/6/2019 8:41:13 AM

Quant Time: Nov 06 02:21:31 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 04 15:22:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	39756	20.00	ng	0.00
21) Naphthalene-d8	10.81	136	147263	20.00	ng	0.00
39) Acenaphthene-d10	14.64	164	107948	20.00	ng	0.00
64) Phenanthrene-d10	17.39	188	272635	20.00	ng	0.00
76) Chrysene-d12	21.66	240	294070	20.00	ng	0.00
87) Perylene-d12	24.85	264	347605	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	266244	122.72	ng	0.00
7) Phenol-d6	7.20	99	375353	120.25	ng	0.00
23) Nitrobenzene-d5	9.17	82	219411	76.81	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	242577	118.09	ng	0.00
45) 2-Fluorobiphenyl	13.26	172	575960	73.73	ng	0.00
79) Terphenyl-d14	20.00	244	1260009	80.38	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.49	88	28116	33.255	ng	# 59
3) Pyridine	3.90	79	20748	9.728	ng	# 92
4) n-Nitrosodimethylamine	3.79	42	47338	43.987	ng	# 89
6) Aniline	7.34	93	27640	7.687	ng	97
8) 2-Chlorophenol	7.58	128	105396	44.008	ng	98
9) Benzaldehyde	7.15	77	56697	36.960	ng	99
10) Phenol	7.22	94	139051	48.749	ng	97
11) bis(2-Chloroethyl)ether	7.43	93	84428	38.284	ng	98
12) 1,3-Dichlorobenzene	7.90	146	112537	37.504	ng	95
13) 1,4-Dichlorobenzene	8.05	146	115039	37.892	ng	98
14) 1,2-Dichlorobenzene	8.36	146	110494	37.275	ng	97
15) Benzyl Alcohol	8.26	79	91721	41.839	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.53	45	114635	35.749	ng	94
17) 2-Methylphenol	8.47	107	87302	41.984	ng	98
18) Hexachloroethane	9.09	117	40318	36.809	ng	99
19) n-Nitroso-di-n-propylamine	8.82	70	78441	38.889	ng	91
20) 3+4-Methylphenols	8.80	107	122082	42.815	ng	98
22) Acetophenone	8.83	105	153506	40.704	ng	# 98
24) Nitrobenzene	9.22	77	116996	42.996	ng	# 95
25) Isophorone	9.74	82	224819	43.049	ng	98
26) 2-Nitrophenol	9.93	139	60068	45.724	ng	94
27) 2,4-Dimethylphenol	10.00	122	96162	51.072	ng	98
28) bis(2-Chloroethoxy)methane	10.22	93	120105	41.670	ng	99
29) 2,4-Dichlorophenol	10.48	162	113867	47.199	ng	94
30) 1,2,4-Trichlorobenzene	10.68	180	125821	41.380	ng	96
31) Naphthalene	10.87	128	324776	43.448	ng	99
32) Benzoic acid	10.17	122	47973	36.126	ng	97
33) 4-Chloroaniline	11.00	127	10150	3.313	ng	# 91
34) Hexachlorobutadiene	11.15	225	87081	38.742	ng	97
35) Caprolactam	11.75	113	35573m	42.814	ng	
36) 4-Chloro-3-methylphenol	12.12	107	125331	47.627	ng	97
37) 2-Methylnaphthalene	12.47	142	244241	42.585	ng	96
38) 1-Methylnaphthalene	12.69	142	236719	43.378	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.84	216	155030	38.806	ng	98

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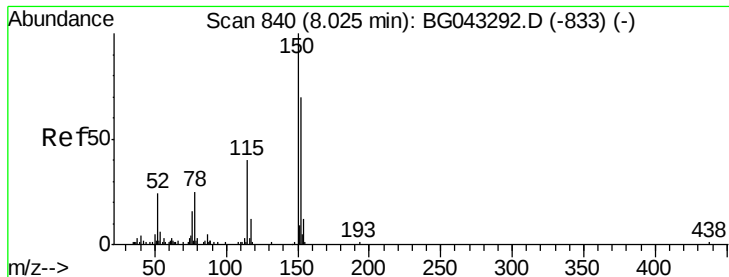
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.82	237	159437	75.973	nq	98
43) 2,4,6-Trichlorophenol	13.09	196	103866	44.148	nq	99
44) 2,4,5-Trichlorophenol	13.17	196	110512	46.462	nq	96
46) 1,1'-Biphenyl	13.47	154	334512	40.734	nq	98
47) 2-Chloronaphthalene	13.52	162	256374	41.031	nq	98
48) 2-Nitroaniline	13.73	65	81662	43.728	nq	92
49) Acenaphthylene	14.36	152	430066	44.224	nq	98
50) Dimethylphthalate	14.10	163	401705	48.043	nq	98
51) 2,6-Dinitrotoluene	14.22	165	80991	44.587	nq	100
52) Acenaphthene	14.71	154	251809	42.461	nq	97
53) 3-Nitroaniline	14.56	138	21094	12.028	nq	# 99
54) 2,4-Dinitrophenol	14.76	184	89096	78.679	nq	94
55) Dibenzofuran	15.04	168	421341	43.812	nq	99
56) 4-Nitrophenol	14.89	139	120642	102.651	nq	90
57) 2,4-Dinitrotoluene	15.01	165	116713	44.960	nq	# 99
58) Fluorene	15.69	166	348756	43.237	nq	97
59) 2,3,4,6-Tetrachlorophenol	15.27	232	114212	45.195	nq	96
60) Diethylphthalate	15.45	149	359607	42.804	nq	99
61) 4-Chlorophenyl-phenylether	15.68	204	202519	43.039	nq	97
62) 4-Nitroaniline	15.72	138	76189	42.065	nq	97
63) Azobenzene	15.97	77	298048	43.835	nq	96
65) 4,6-Dinitro-2-methylphenol	15.77	198	70258	43.789	nq	95
66) n-Nitrosodiphenylamine	15.90	169	321086	41.715	nq	98
67) 4-Bromophenyl-phenylether	16.58	248	144854	39.480	nq	99
68) Hexachlorobenzene	16.70	284	160958	38.218	nq	96
69) Atrazine	16.85	200	142381	53.234	nq	98
70) Pentachlorophenol	17.05	266	174648	91.006	nq	96
71) Phenanthrene	17.43	178	574347	41.139	nq	100
72) Anthracene	17.52	178	595116	42.605	nq	99
73) Carbazole	17.79	167	544505	43.046	nq	99
74) Di-n-butylphthalate	18.35	149	641719	41.811	nq	99
75) Fluoranthene	19.44	202	771303	42.377	nq	98
77) Benzidine	19.63	184	17283	2.920	nq	99
78) Pyrene	19.80	202	774522	42.550	nq	99
80) Butylbenzylphthalate	20.68	149	294769	42.743	nq	98
81) Benzo(a)anthracene	21.64	228	799928	43.426	nq	99
82) 3,3'-Dichlorobenzidine	21.55	252	101969	14.312	nq	98
83) Chrysene	21.71	228	779089	42.569	nq	99
84) Bis(2-ethylhexyl)phthalate	21.54	149	429497	43.843	nq	98
85) Di-n-octyl phthalate	22.73	149	749385	45.089	nq	99
86) Indeno(1,2,3-cd)pyrene	28.50	276	1037549	45.163	nq	# 98
88) Benzo(b)fluoranthene	23.84	252	855779	43.469	nq	97
89) Benzo(k)fluoranthene	23.91	252	847572	42.765	nq	96
90) Benzo(a)pyrene	24.70	252	790795	42.064	nq	99
91) Dibenzo(a,h)anthracene	28.56	278	881775	45.855	nq	98
92) Benzo(g,h,i)perylene	29.64	276	869032	45.816	nq	99

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



#1

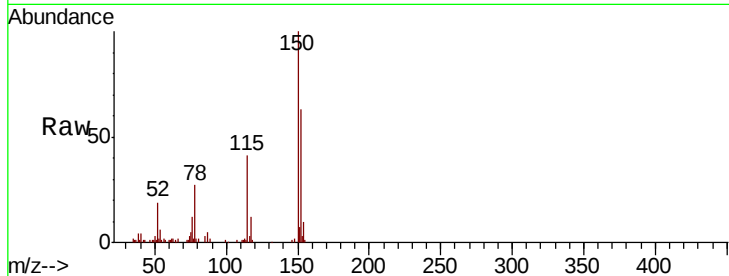
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 838
Delta R.T. 0.00 min
Lab File: BG043511.D
Acq: 5 Nov 2019 17:11

Instrument :
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Tot Ion	Ratio	Lower	Upper
152	100		
150	158.1	129.4	194.0
115	64.8	48.8	73.2

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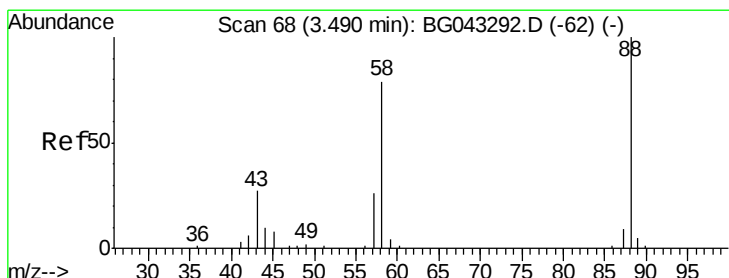
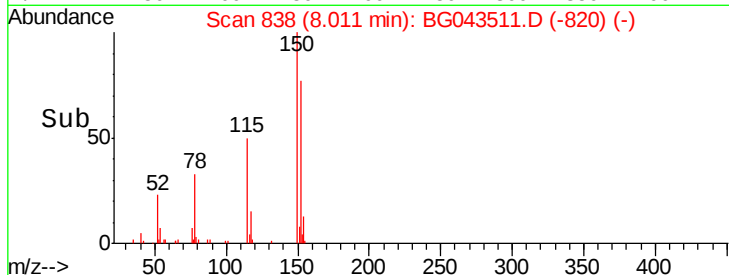
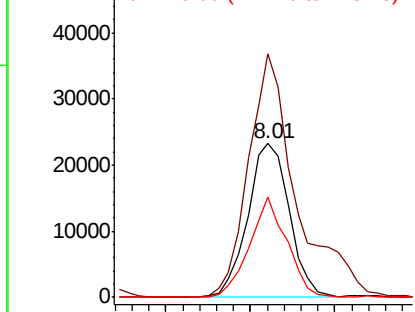


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

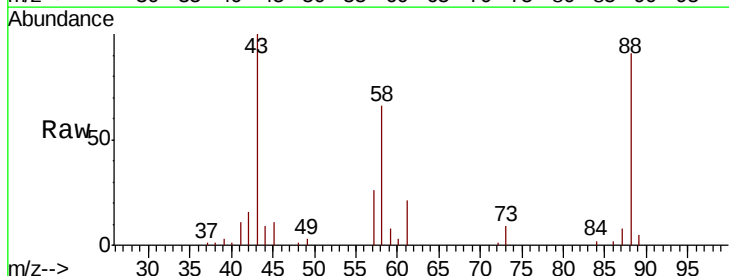
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 33.255 ng
RT: 3.49 min Scan# 68
Delta R.T. 0.01 min
Lab File: BG043511.D
Acq: 5 Nov 2019 17:11

Tgt Ion	Ratio	Lower	Upper
88	100		
58	75.7	62.7	94.1
43	106.4	23.7	35.5#

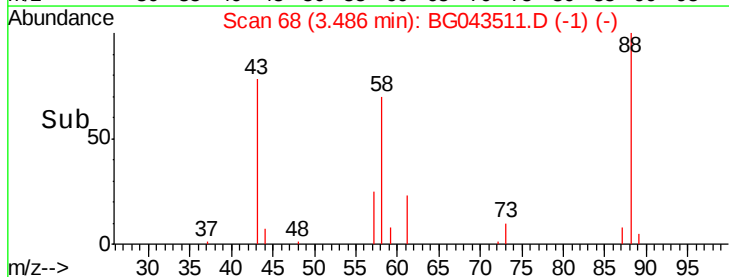
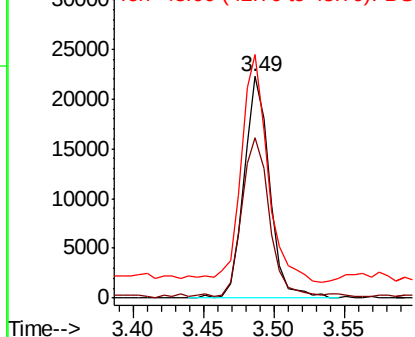


Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 9.728 ng

RT: 3.90 min Scan# 139

Delta R.T. 0.03 min

Lab File: BG043511.D

Acq: 5 Nov 2019 17:11

Instrument :

BNA_G

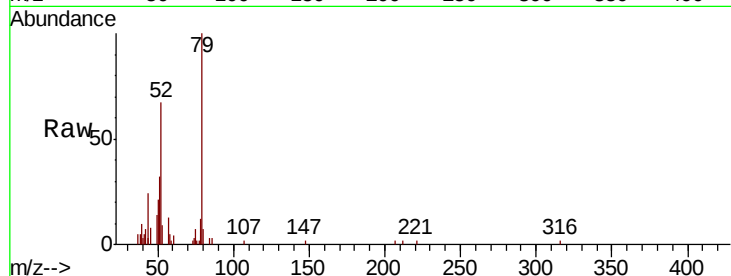
ClientSampleId :

SU-02-110119MS

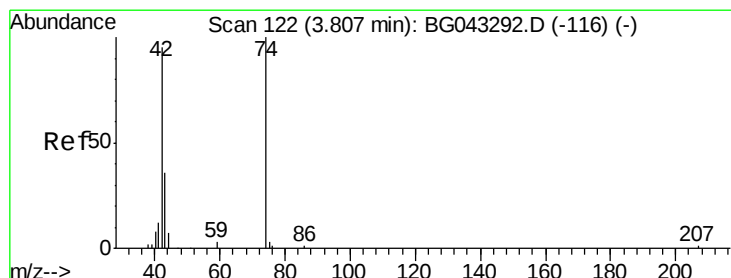
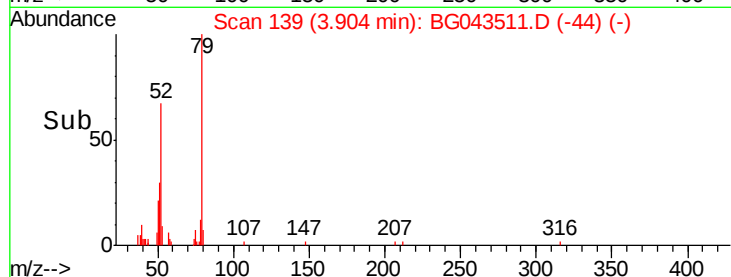
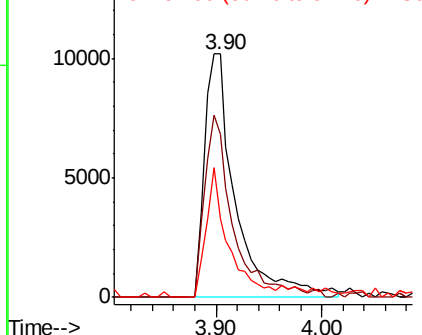
Tot Ion:	79	Resp:	20748
Ion Ratio	Lower	Upper	
79	100		
52	66.9	56.5	84.7
51	32.1	33.2	49.8#

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Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 52.00 (51.70 to 52.70): BGC
Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 43.987 ng

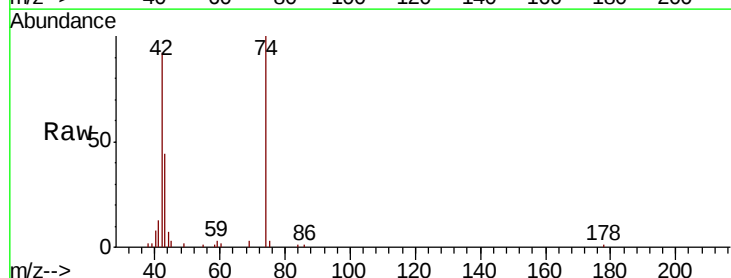
RT: 3.79 min Scan# 120

Delta R.T. 0.00 min

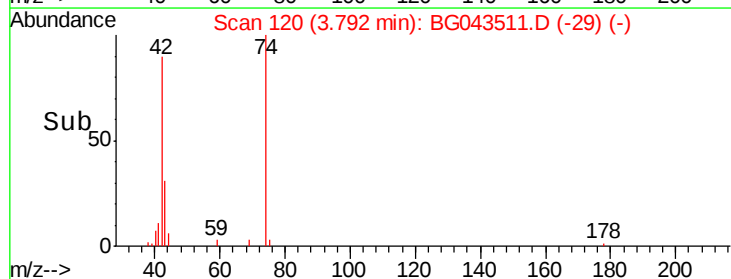
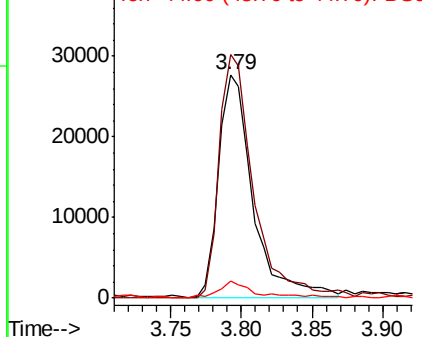
Lab File: BG043511.D

Acq: 5 Nov 2019 17:11

Tgt Ion:	42	Resp:	47338
Ion Ratio	Lower	Upper	
42	100		
74	108.8	97.3	145.9
44	7.9	4.4	6.6#



Abundance Ion 42.00 (41.70 to 42.70): BGC
Ion 74.00 (73.70 to 74.70): BGC
Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 122.718 ng

RT: 5.60 min Scan# 428

Delta R.T. 0.01 min

Lab File: BG043511.D

Acq: 5 Nov 2019 17:11

Instrument :

BNA_G

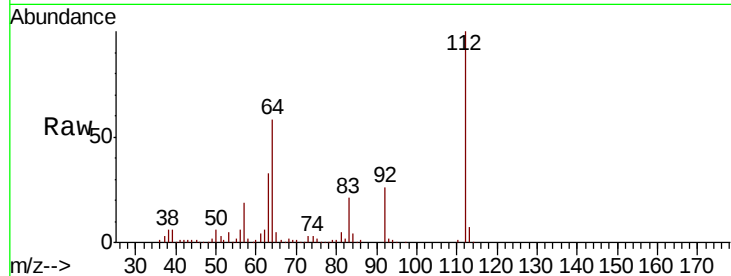
ClientSampleId :

SU-02-110119MS

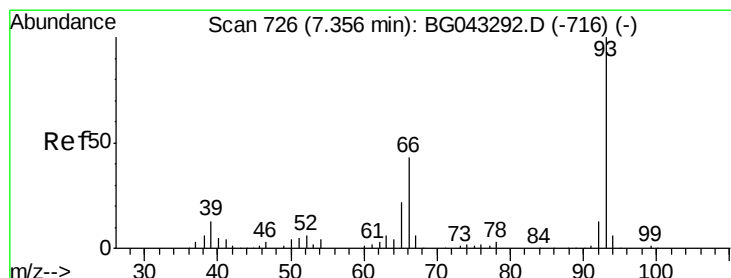
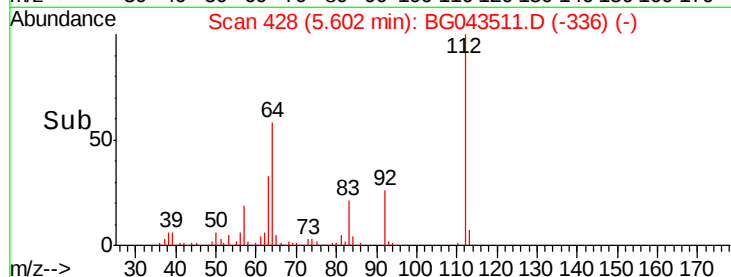
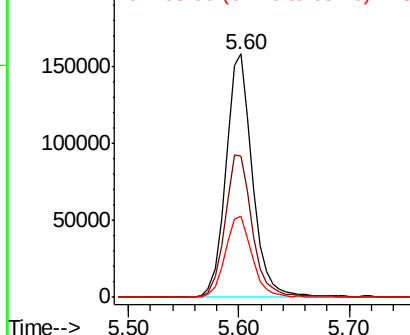
Tot Ion:	112	Resp:	266244
Ion Ratio	Lower	Upper	
112	100		
64	57.9	50.0	75.0
63	33.4	26.6	40.0

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



#6

Aniline

Concen: 7.687 ng

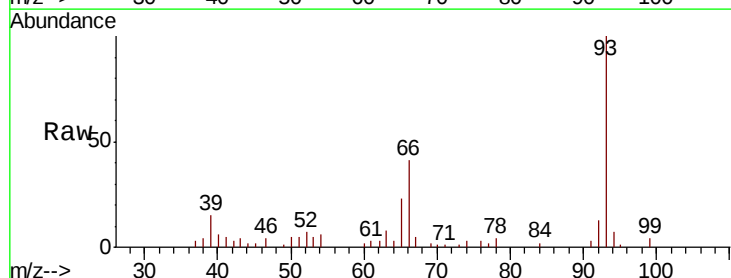
RT: 7.34 min Scan# 724

Delta R.T. 0.00 min

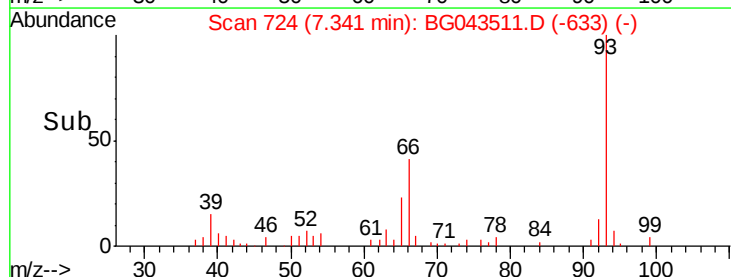
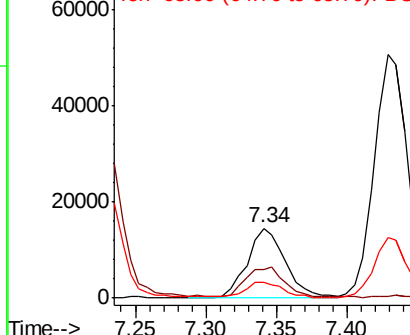
Lab File: BG043511.D

Acq: 5 Nov 2019 17:11

Tgt Ion:	93	Resp:	27640
Ion Ratio	Lower	Upper	
93	100		
66	41.2	32.3	48.5
65	22.8	16.1	24.1



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





#7

Phenol-d6

Concen: 120.248 ng

RT: 7.20 min Scan# 700

Delta R.T. 0.00 min

Lab File: BG043511.D

Acq: 5 Nov 2019 17:11

Instrument :

BNA_G

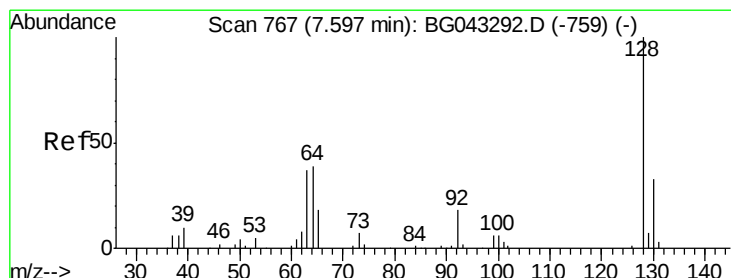
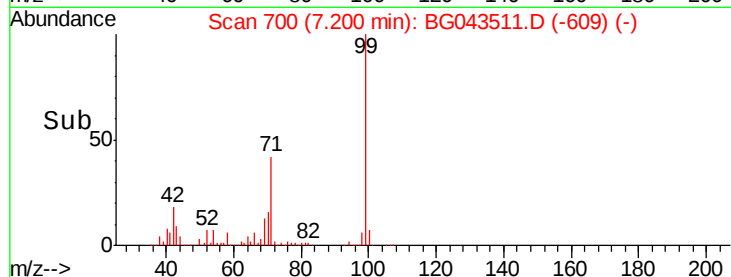
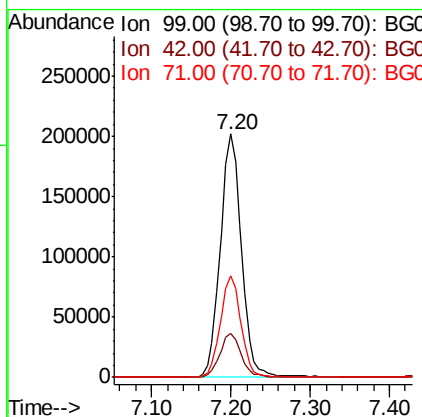
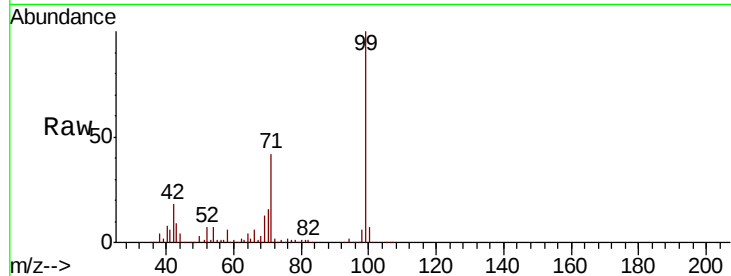
ClientSampleId :

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Tot Ion:	99	Resp:	375353
Ion	Ratio	Lower	Upper
99	100		
42	18.0	14.6	21.8
71	41.7	32.5	48.7

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#8

2-Chlorophenol

Concen: 44.008 ng

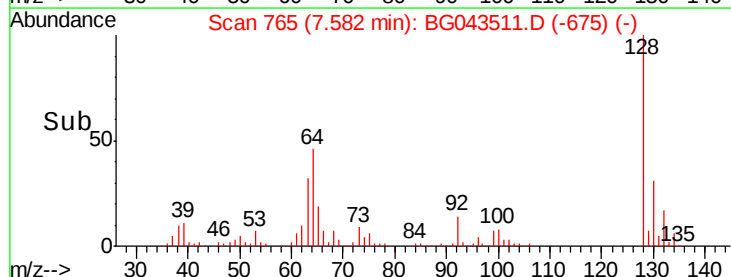
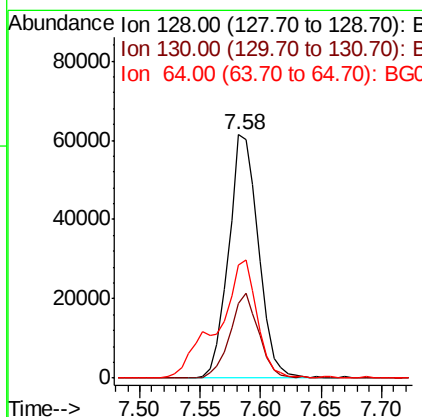
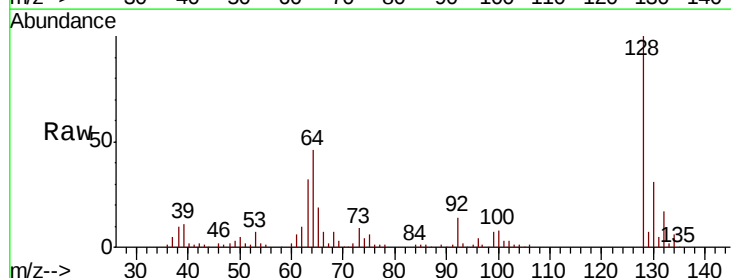
RT: 7.58 min Scan# 765

Delta R.T. -0.00 min

Lab File: BG043511.D

Acq: 5 Nov 2019 17:11

Tgt Ion:	128	Resp:	105396
Ion	Ratio	Lower	Upper
128	100		
130	30.6	12.5	52.5
64	46.3	25.3	65.3





#9

Benzaldehyde

Concen: 36.960 ng

RT: 7.15 min Scan# 691

Delta R.T. -0.00 min

Lab File: BG043511.D

Acq: 5 Nov 2019 17:11

Instrument :

BNA_G

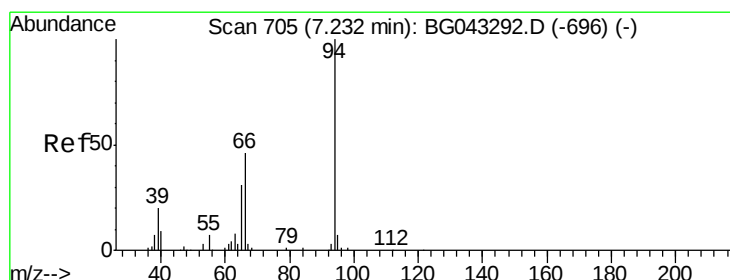
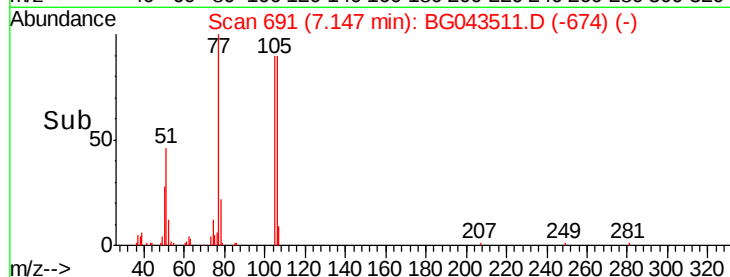
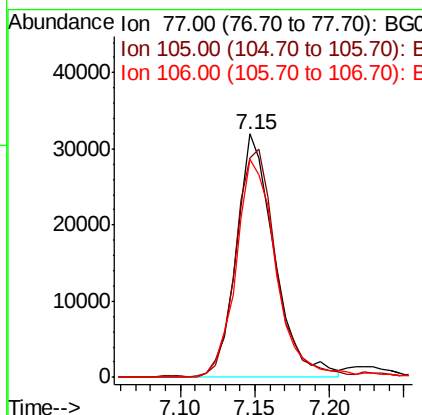
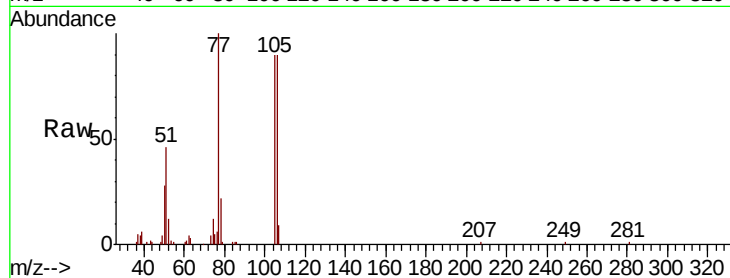
ClientSampleId :

SU-02-110119MS

Tot Ion:	77	Resp:	56697
Ion	Ratio	Lower	Upper
77	100		
105	90.1	68.6	108.6
106	89.6	69.9	109.9

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#10

Phenol

Concen: 48.749 ng

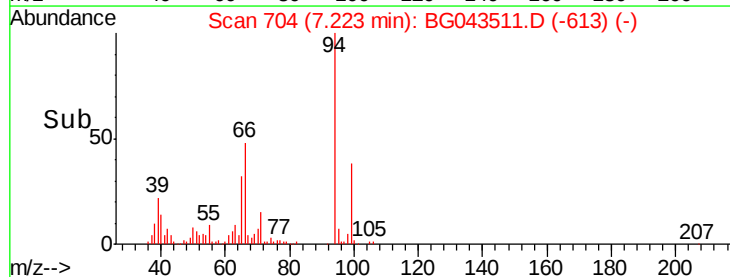
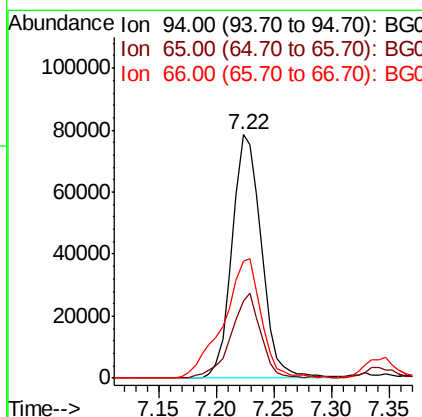
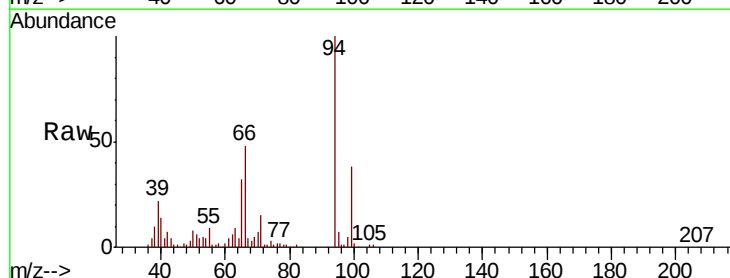
RT: 7.22 min Scan# 704

Delta R.T. 0.00 min

Lab File: BG043511.D

Acq: 5 Nov 2019 17:11

Tgt Ion:	94	Resp:	139051
Ion	Ratio	Lower	Upper
94	100		
65	31.7	12.6	52.6
66	48.1	30.7	70.7





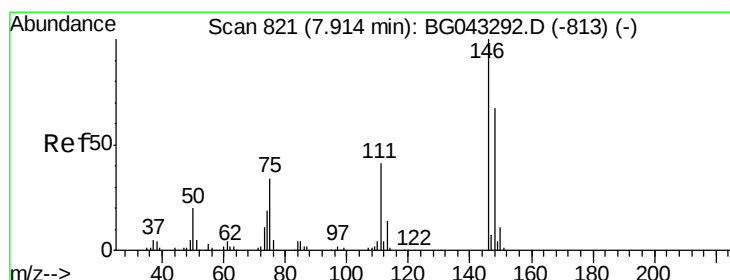
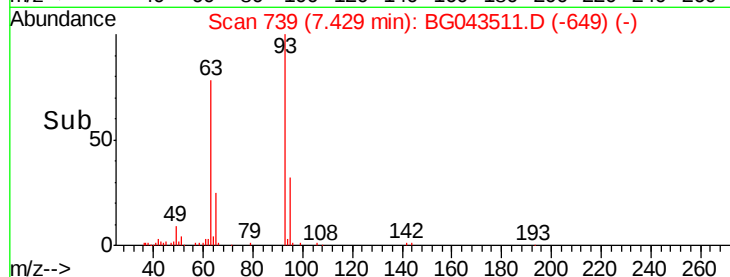
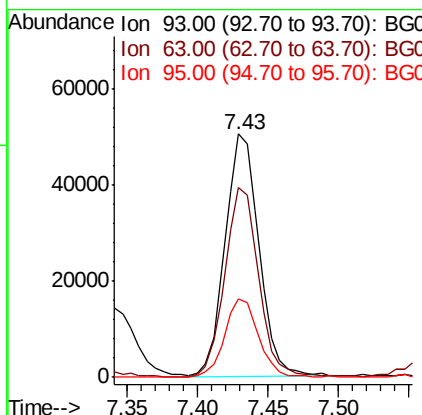
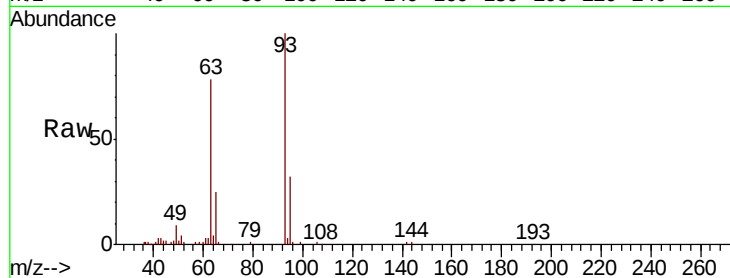
#11
bis(2-Chloroethyl)ether
Concen: 38.284 ng
RT: 7.43 min Scan# 739
Delta R.T. -0.00 min
Lab File: BG043511.D
Acq: 5 Nov 2019 17:11

Instrument :
BNA_G
ClientSampleId :
SU-02-110119MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
93	100		84428		
63	78.1	56.3		96.3	
95	32.5	12.2		52.2	

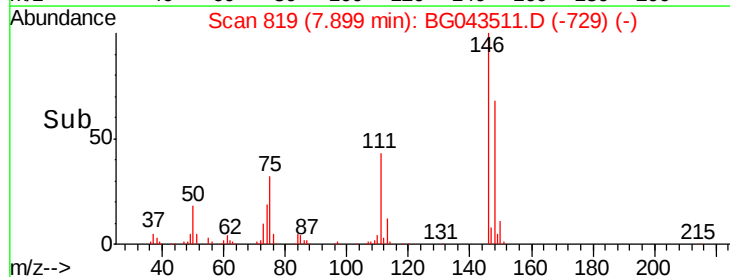
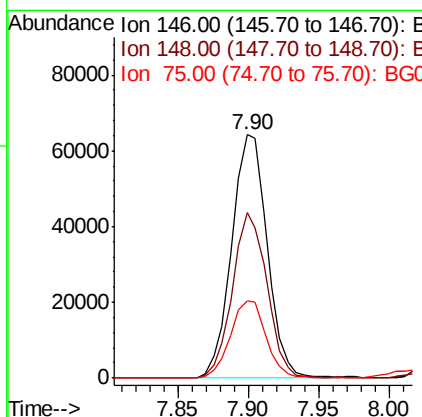
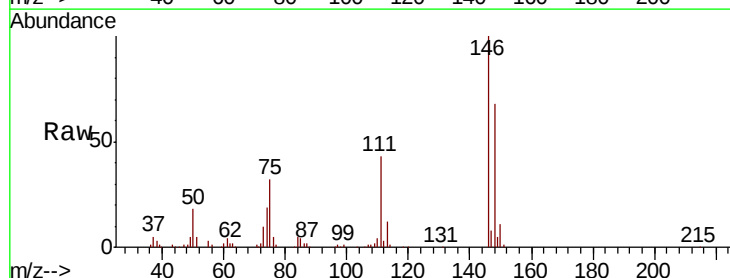
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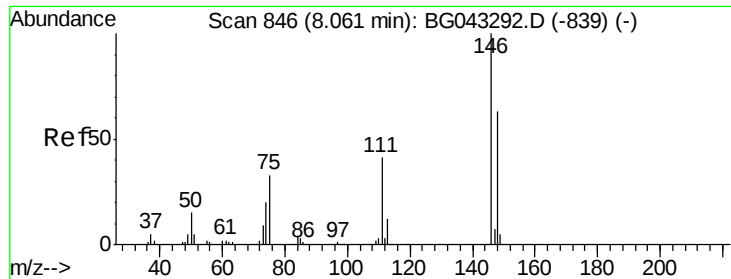
mohammad
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#12
1,3-Dichlorobenzene
Concen: 37.504 ng
RT: 7.90 min Scan# 819
Delta R.T. -0.00 min
Lab File: BG043511.D
Acq: 5 Nov 2019 17:11

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
146	100		112537		
148	68.0	50.3		75.5	
75	32.0	24.6		37.0	





#13

1,4-Dichlorobenzene

Concen: 37.892 ng

RT: 8.05 min Scan# 844

Delta R.T. 0.00 min

Lab File: BG043511.D

Acq: 5 Nov 2019 17:11

Instrument :

BNA_G

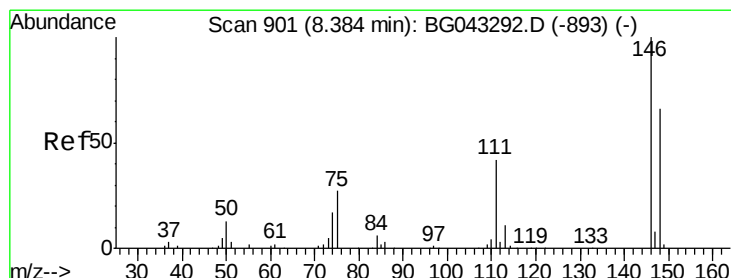
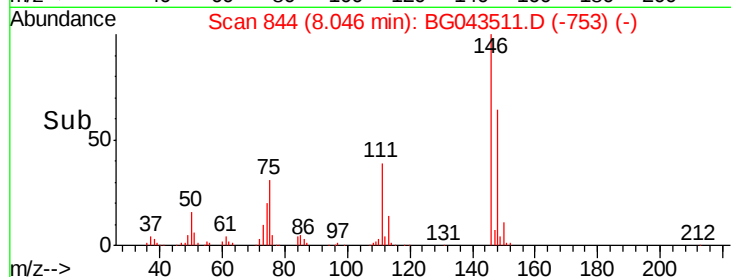
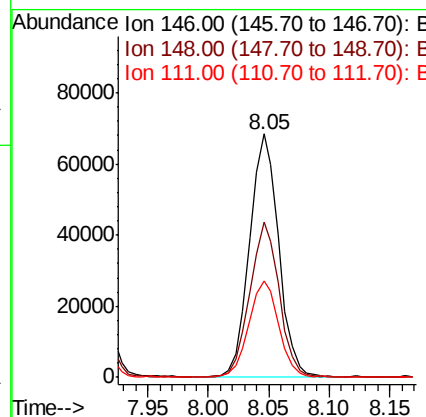
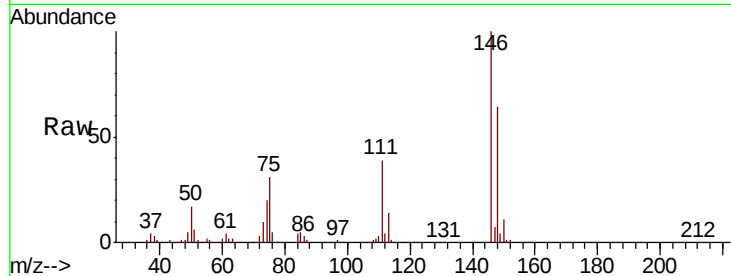
ClientSampleId :

SU-02-110119MS

Tot Ion:	146	Resp:	115039
Ion Ratio	Lower	Upper	
146	100		
148	63.8	50.7	76.1
111	39.4	33.4	50.2

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#14

1,2-Dichlorobenzene

Concen: 37.275 ng

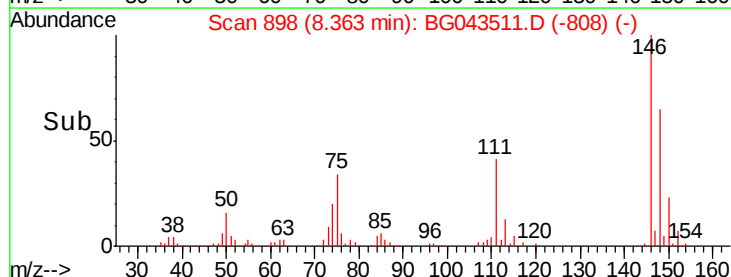
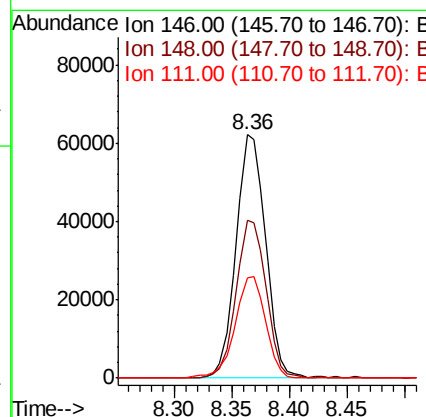
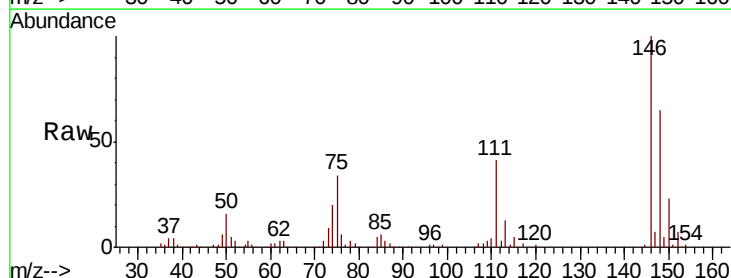
RT: 8.36 min Scan# 898

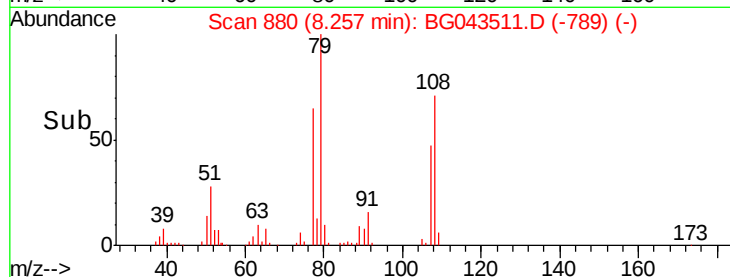
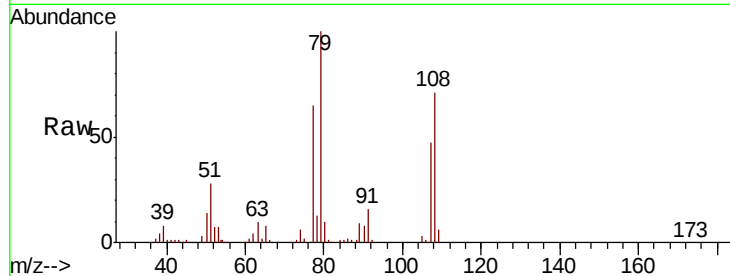
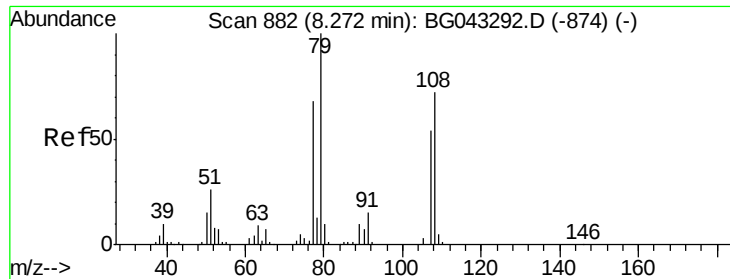
Delta R.T. -0.00 min

Lab File: BG043511.D

Acq: 5 Nov 2019 17:11

Tgt Ion:	146	Resp:	110494
Ion Ratio	Lower	Upper	
146	100		
148	64.9	53.2	79.8
111	41.2	35.8	53.6





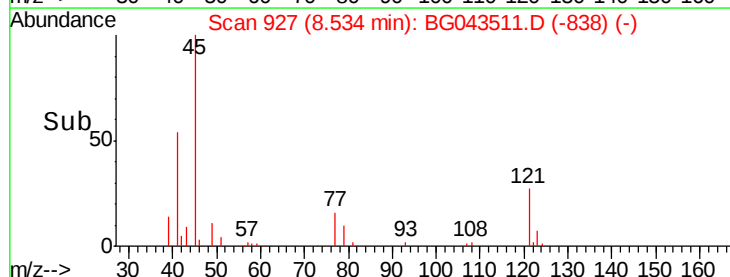
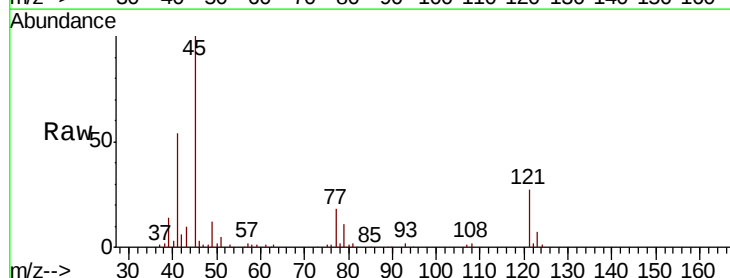
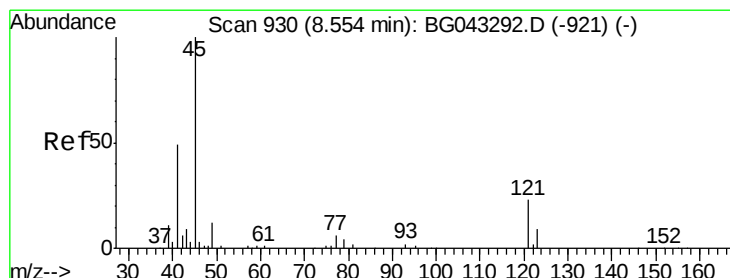
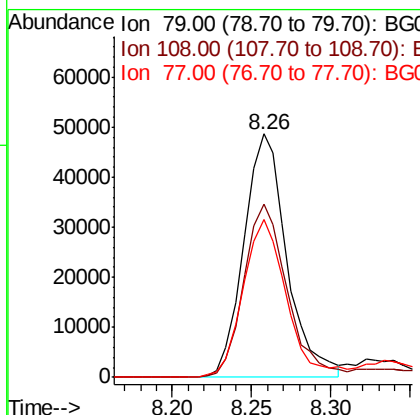
#15
Benzyl Alcohol
Concen: 41.839 ng
RT: 8.26 min Scan# 880
Delta R.T. 0.00 min
Lab File: BG043511.D
Acq: 5 Nov 2019 17:11

Tot Ion	Ratio	Lower	Upper
79	100		
108	71.1	53.6	80.4
77	65.0	49.6	74.4

Instrument :
BNA_G
ClientSampleId :
SU-02-110119MS

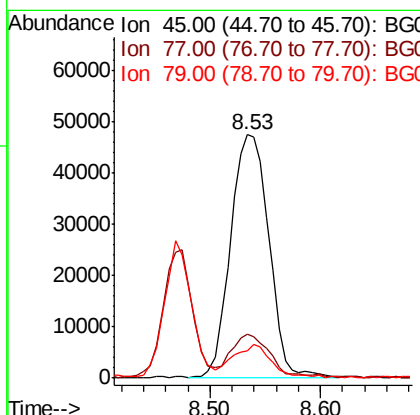
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 35.749 ng
RT: 8.53 min Scan# 927
Delta R.T. -0.01 min
Lab File: BG043511.D
Acq: 5 Nov 2019 17:11

Tgt Ion	Ratio	Lower	Upper
45	100		
77	17.8	0.0	34.9
79	11.3	0.0	33.0





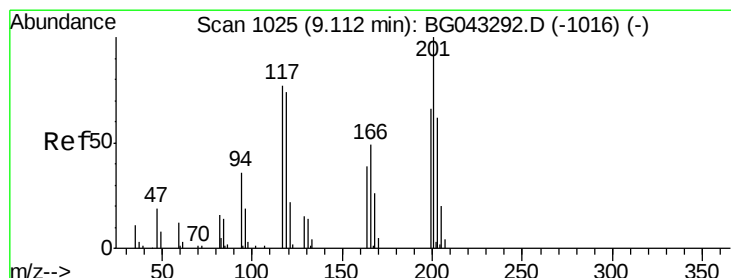
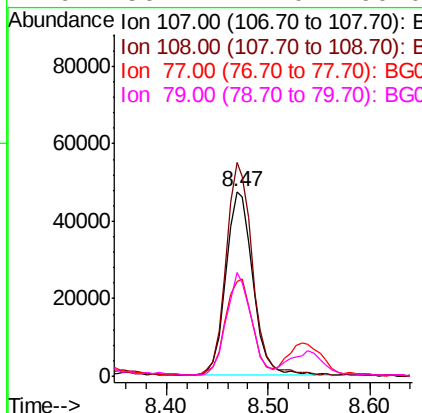
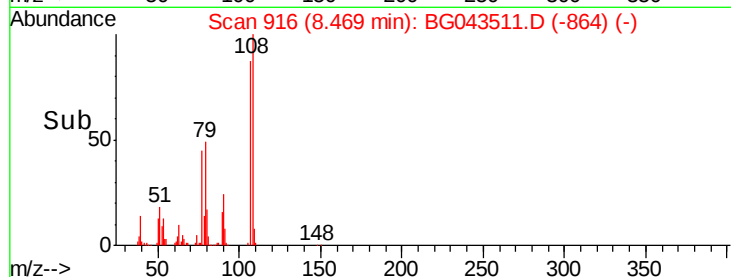
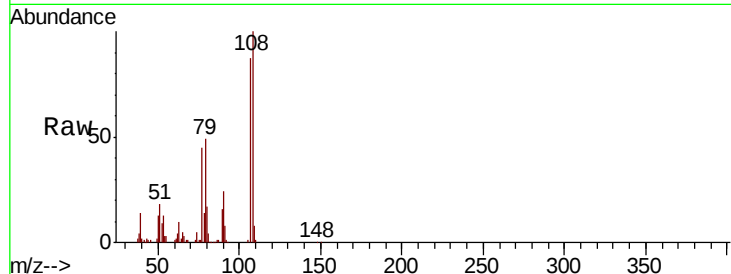
#17
2-Methylphenol
Concen: 41.984 ng
RT: 8.47 min Scan# 916
Delta R.T. 0.00 min
Lab File: BG043511.D
Acq: 5 Nov 2019 17:11

Instrument :
BNA_G
ClientSampleId :
SU-02-110119MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	115.6	90.2	135.4	
77	51.4	40.2	60.2	
79	56.1	44.0	66.0	

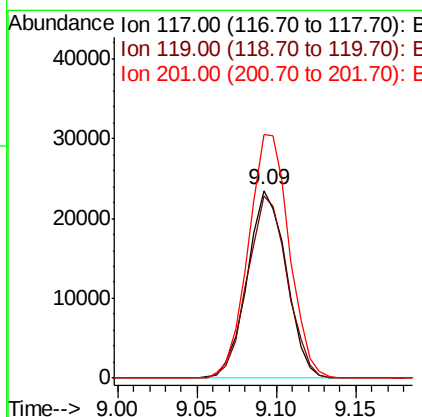
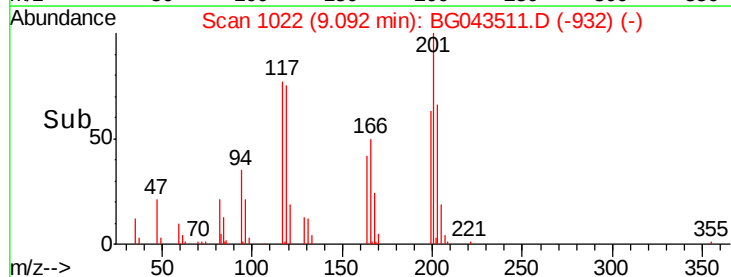
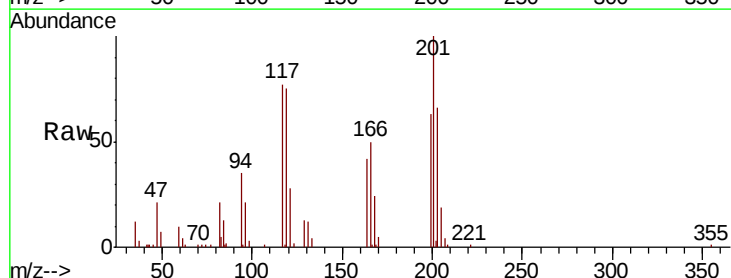
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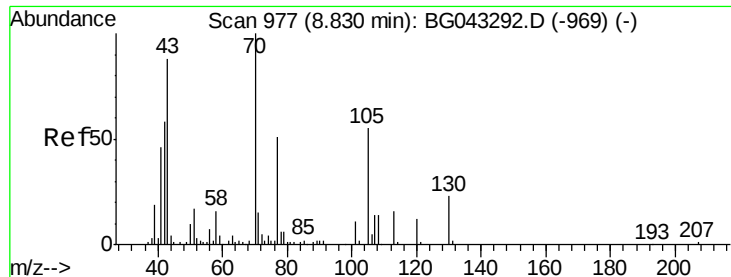
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#18
Hexachloroethane
Concen: 36.809 ng
RT: 9.09 min Scan# 1022
Delta R.T. -0.00 min
Lab File: BG043511.D
Acq: 5 Nov 2019 17:11

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	97.3	79.0	118.4	
201	130.0	105.4	158.2	





#19

n-Nitroso-di-n-propylamine

Concen: 38.889 ng

RT: 8.82 min Scan# 975

Delta R.T. 0.00 min

Lab File: BG043511.D

Acq: 5 Nov 2019 17:11

Instrument :

BNA_G

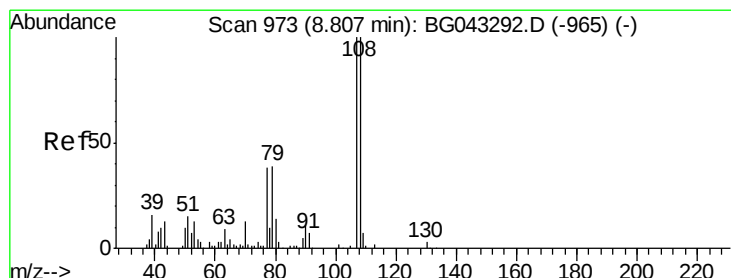
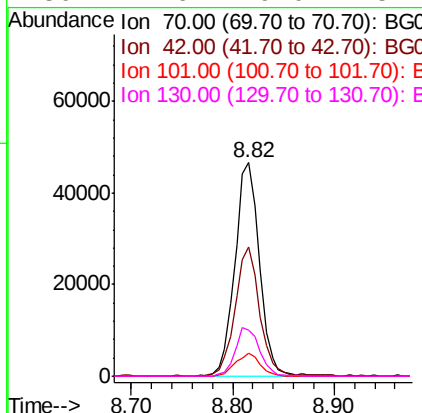
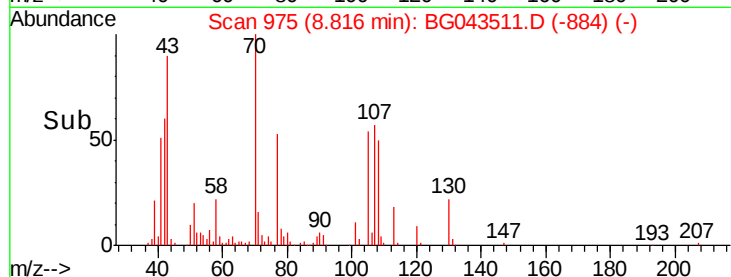
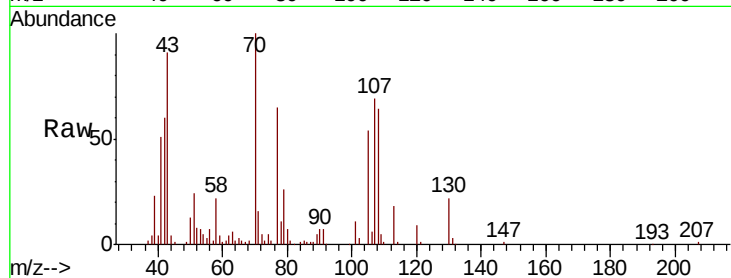
ClientSampleId :

SU-02-110119MS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	60.4	41.4	62.2	
101	10.9	7.9	11.9	
130	21.6	19.0	28.4	

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#20

3+4-Methylphenols

Concen: 42.815 ng

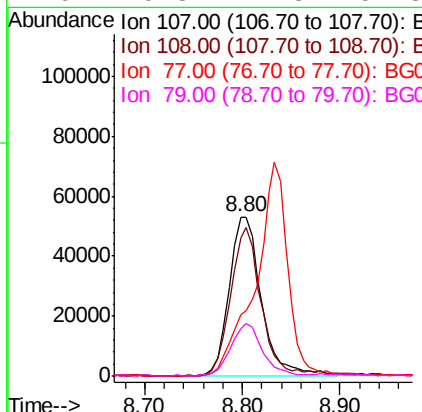
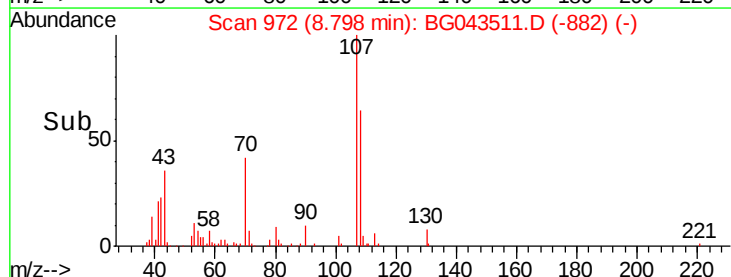
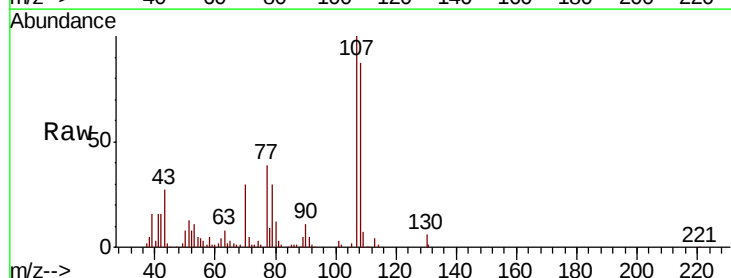
RT: 8.80 min Scan# 972

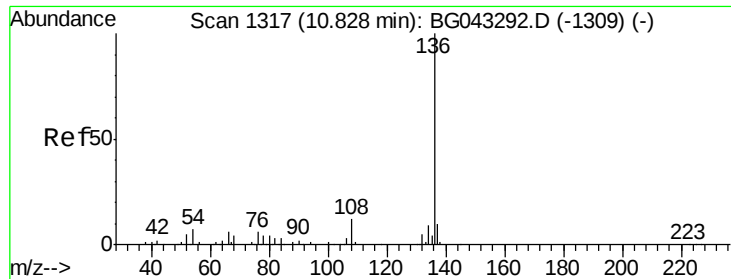
Delta R.T. -0.00 min

Lab File: BG043511.D

Acq: 5 Nov 2019 17:11

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	87.0	66.6	106.6	
77	38.7	20.9	60.9	
79	29.8	11.3	51.3	





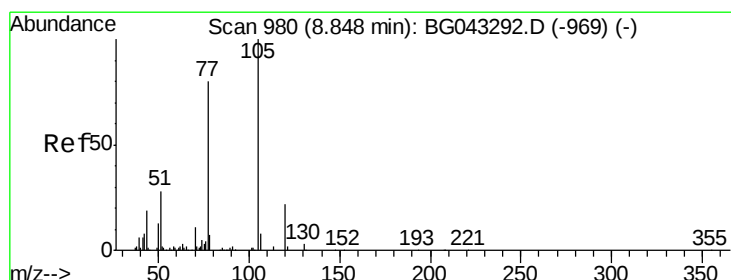
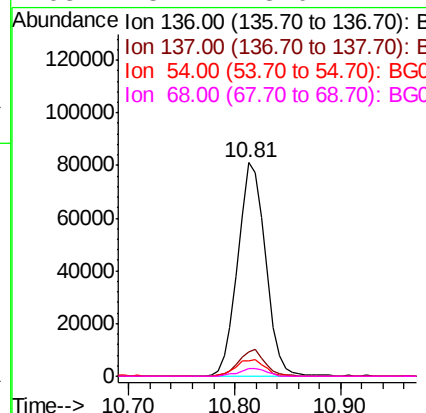
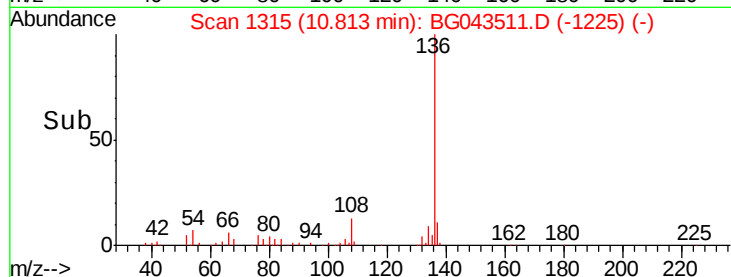
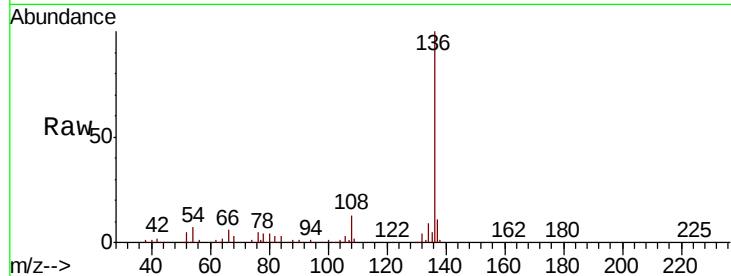
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.81 min Scan# 1315
Delta R.T. -0.00 min
Lab File: BG043511.D
Acq: 5 Nov 2019 17:11

Instrument :
BNA_G
ClientSampleId :
SU-02-110119MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		147263		
137	11.1	8.7	13.1		
54	7.1	5.4	8.2		
68	3.4	3.0	4.4		

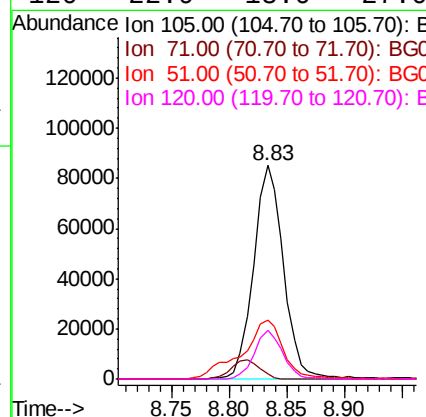
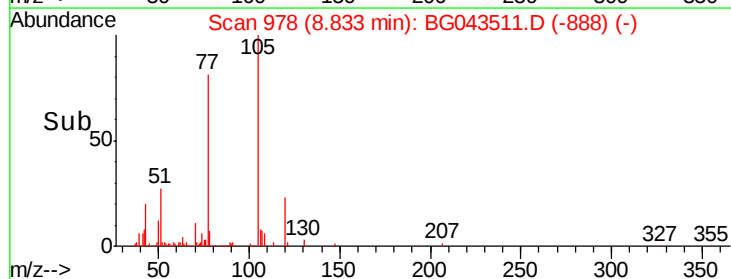
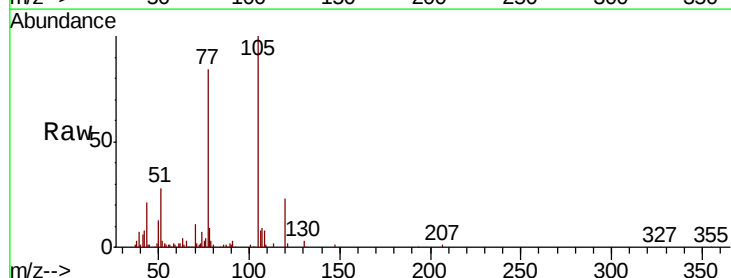
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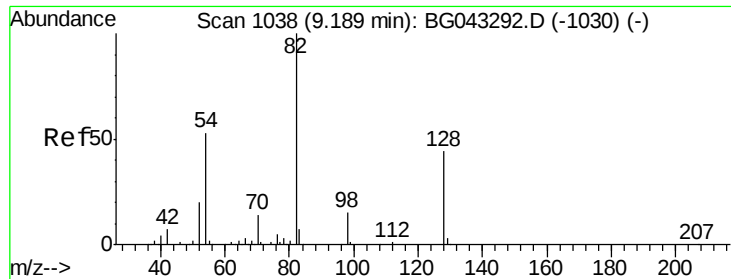
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#22
Acetophenone
Concen: 40.704 ng
RT: 8.83 min Scan# 978
Delta R.T. -0.00 min
Lab File: BG043511.D
Acq: 5 Nov 2019 17:11

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		153506		
71	2.1	0.8	1.2#		
51	27.7	21.0	31.4		
120	22.9	18.0	27.0		





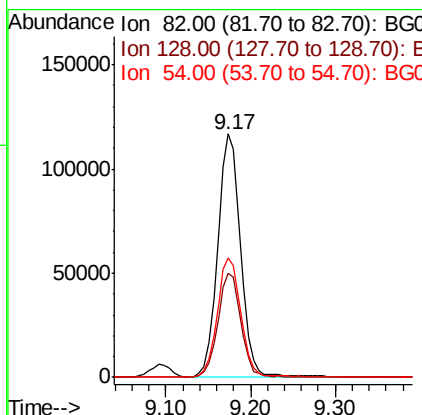
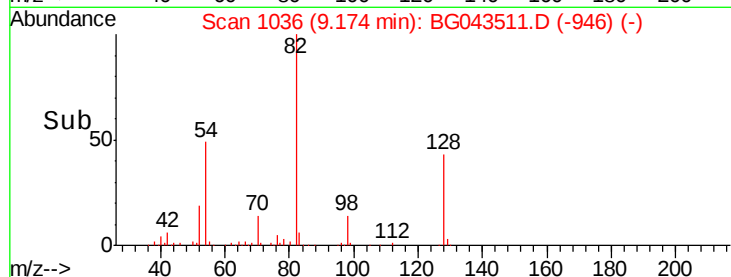
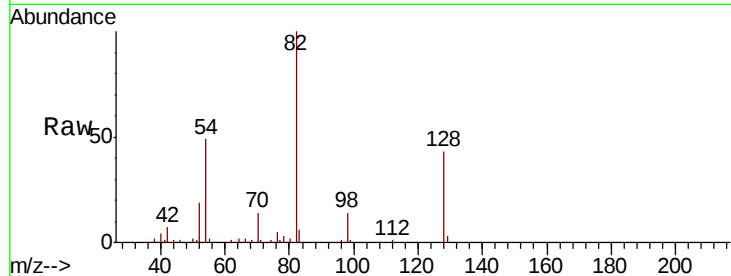
#23
 Nitrobenzene-d5
 Concen: 76.812 ng
 RT: 9.17 min Scan# 1036
 Delta R.T. -0.00 min
 Lab File: BG043511.D
 Acq: 5 Nov 2019 17:11

Instrument :
 BNA_G
 ClientSampleId :
 SU-02-110119MS

Tot Ion	Ratio	Lower	Upper
82	100		
128	42.9	35.0	52.6
54	49.1	40.2	60.2

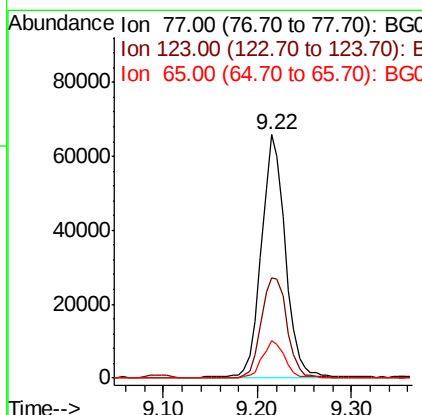
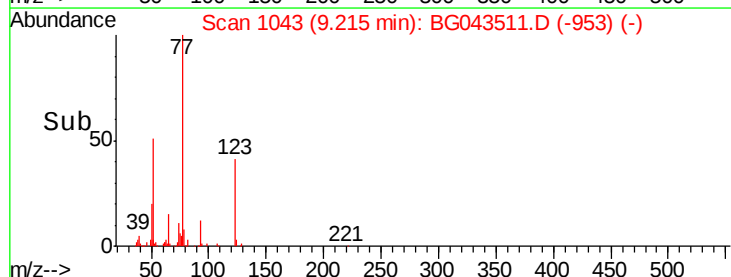
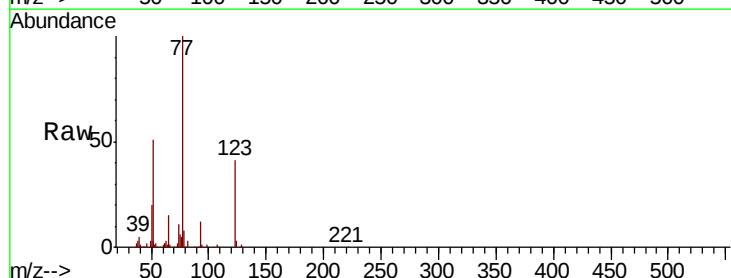
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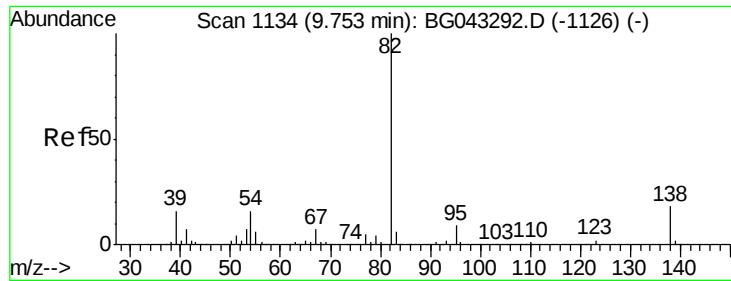
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#24
 Nitrobenzene
 Concen: 42.996 ng
 RT: 9.22 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: BG043511.D
 Acq: 5 Nov 2019 17:11

Tgt Ion	Ratio	Lower	Upper
77	100		
123	41.1	35.0	52.6
65	15.4	9.5	14.3#





#25

Isophorone

Concen: 43.049 ng

RT: 9.74 min Scan# 1132

Delta R.T. 0.00 min

Lab File: BG043511.D

Acq: 5 Nov 2019 17:11

Instrument :

BNA_G

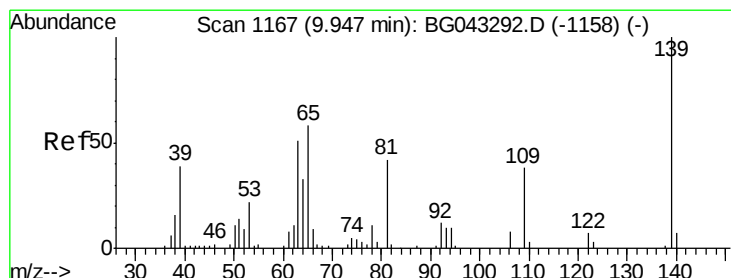
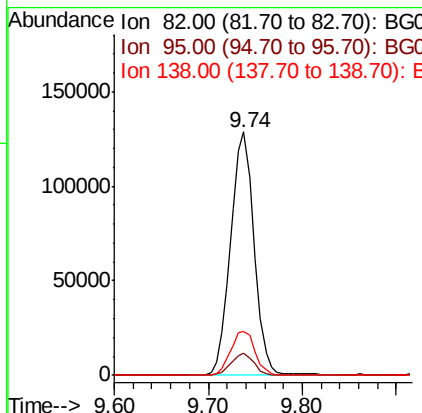
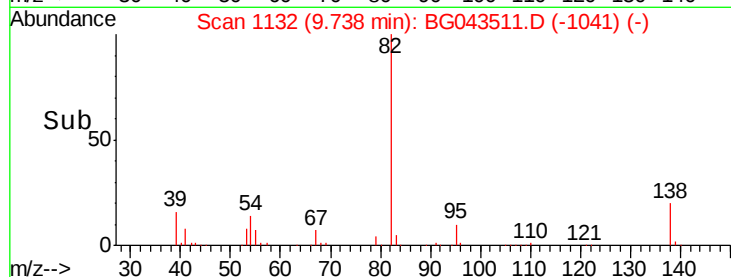
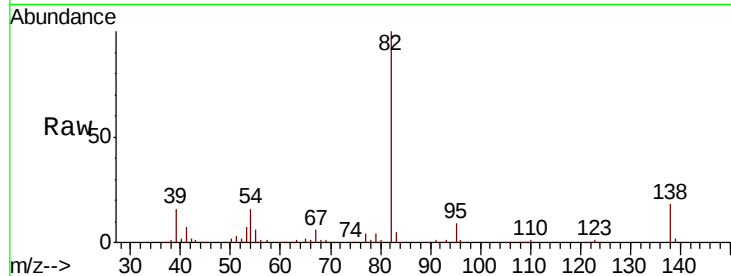
ClientSampleId :

SU-02-110119MS

Tot Ion:	82	Resp:	224819
Ion Ratio	Lower	Upper	
82	100		
95	8.9	6.6	9.8
138	18.3	15.2	22.8

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#26

2-Nitrophenol

Concen: 45.724 ng

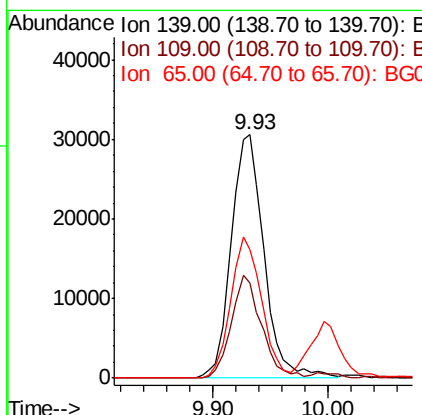
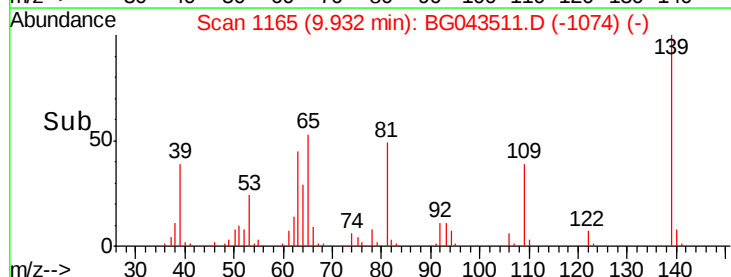
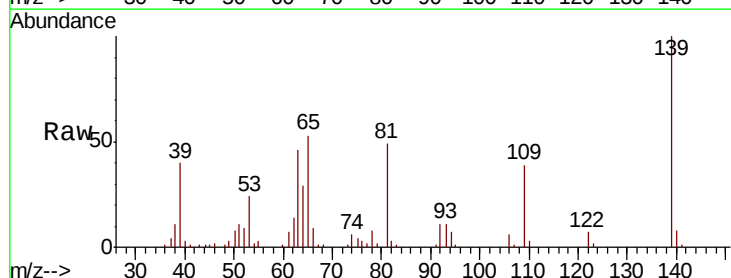
RT: 9.93 min Scan# 1165

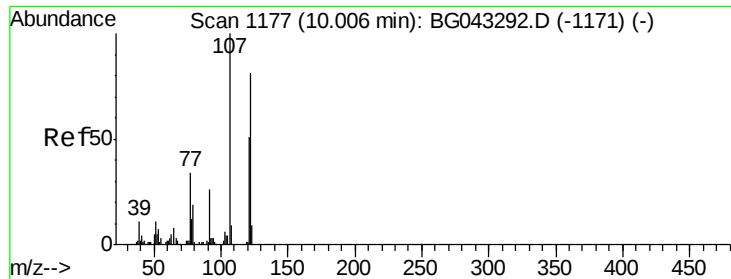
Delta R.T. 0.00 min

Lab File: BG043511.D

Acq: 5 Nov 2019 17:11

Tgt Ion:	139	Resp:	60068
Ion Ratio	Lower	Upper	
139	100		
109	39.1	26.5	39.7
65	52.8	43.8	65.8





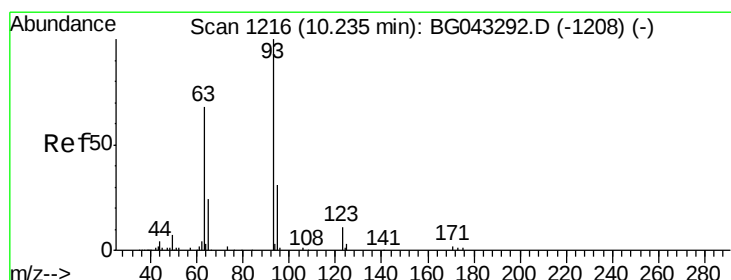
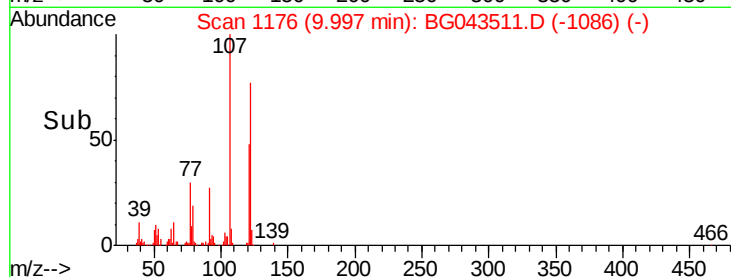
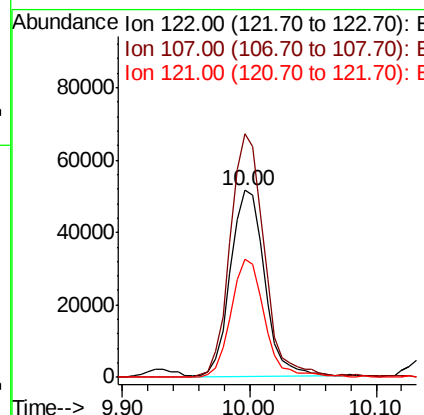
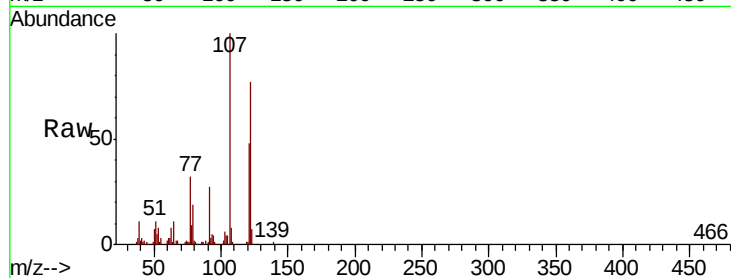
#27
2,4-Dimethylphenol
Concen: 51.072 ng
RT: 10.00 min Scan# 1176
Delta R.T. -0.00 min
Lab File: BG043511.D
Acq: 5 Nov 2019 17:11

Instrument :
BNA_G
ClientSampleId :
SU-02-110119MS

Tot Ion	Ratio	Lower	Upper
122	100		
107	130.4	104.4	156.6
121	63.2	47.2	70.8

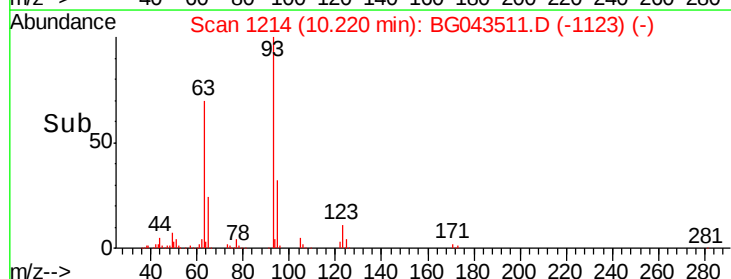
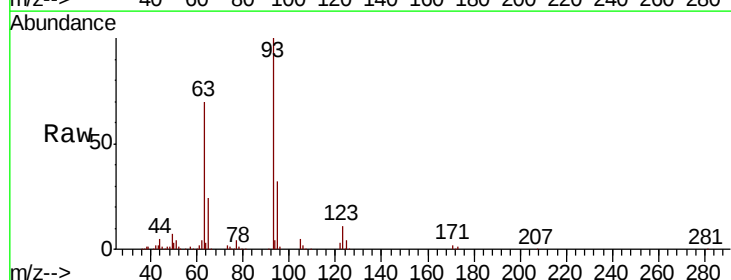
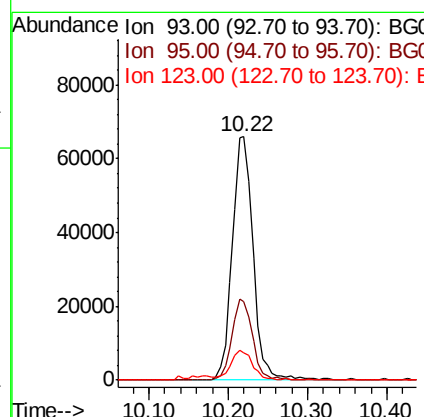
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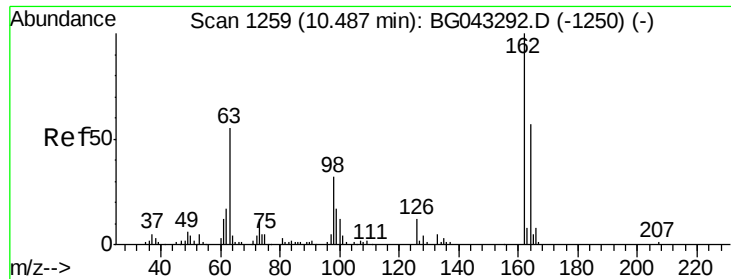
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 41.670 ng
RT: 10.22 min Scan# 1214
Delta R.T. 0.00 min
Lab File: BG043511.D
Acq: 5 Nov 2019 17:11

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.5	26.0	39.0
123	11.5	10.6	15.8





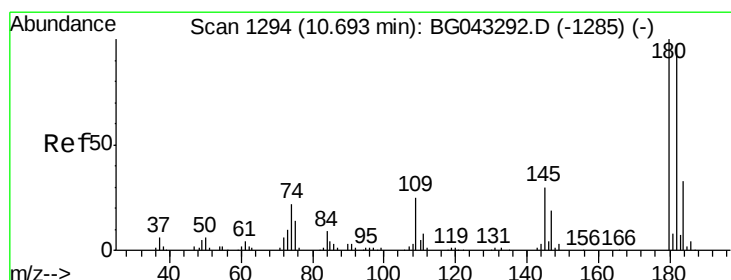
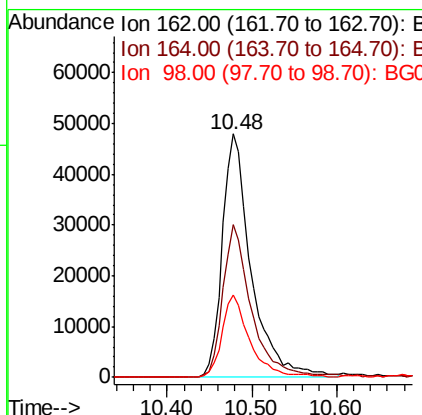
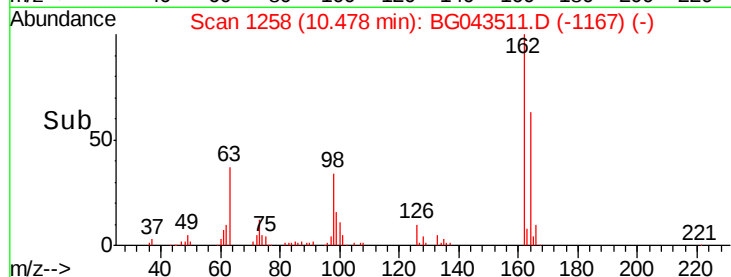
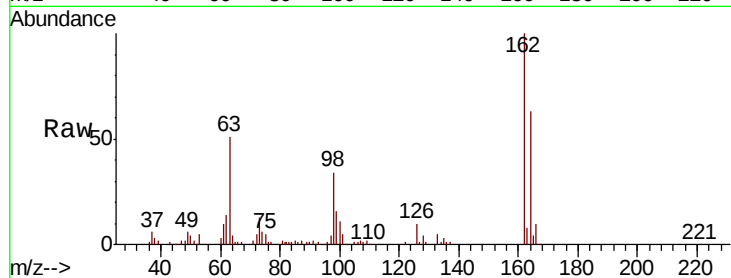
#29
 2,4-Dichlorophenol
 Concen: 47.199 ng
 RT: 10.48 min Scan# 1258
 Delta R.T. 0.00 min
 Lab File: BG043511.D
 Acq: 5 Nov 2019 17:11

Instrument :
 BNA_G
 ClientSampleId :
 SU-02-110119MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100				
164	62.8	48.9		88.9	
98	34.0	15.1		55.1	

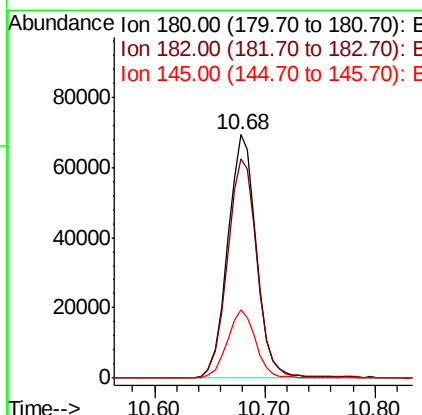
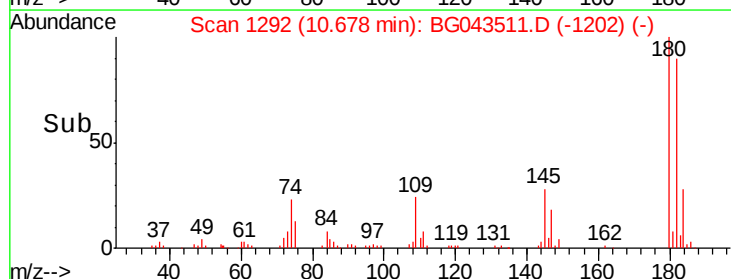
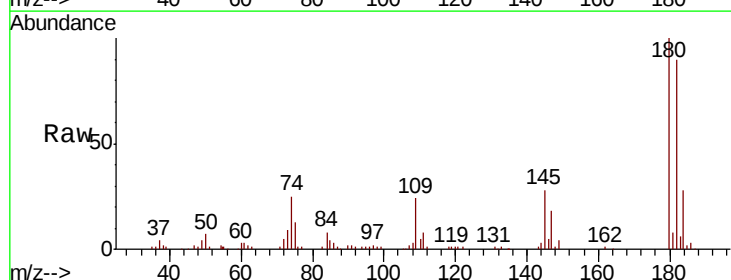
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#30
 1,2,4-Trichlorobenzene
 Concen: 41.380 ng
 RT: 10.68 min Scan# 1292
 Delta R.T. -0.00 min
 Lab File: BG043511.D
 Acq: 5 Nov 2019 17:11

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
180	100				
182	90.3	75.1		112.7	
145	27.9	23.9		35.9	





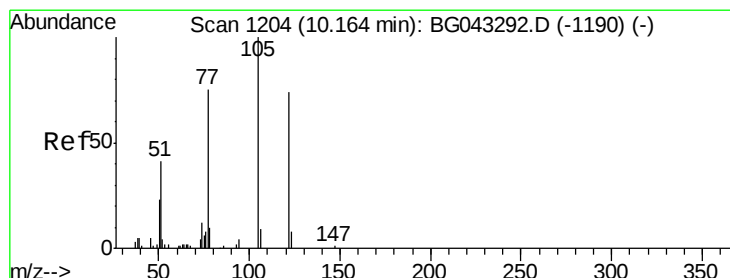
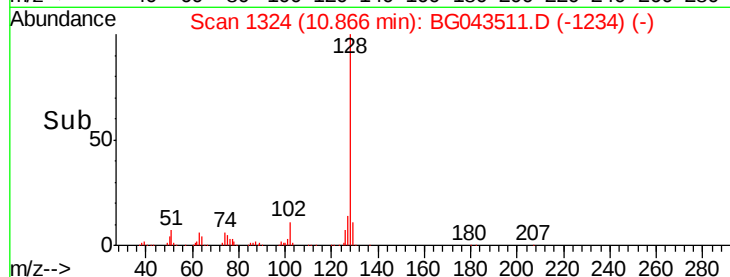
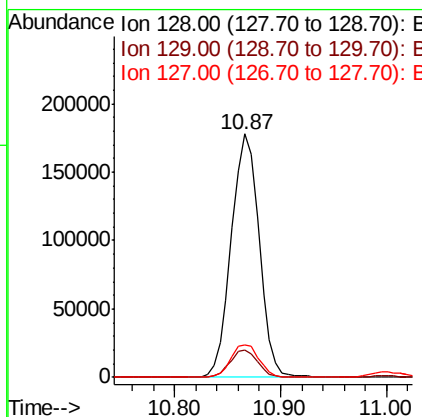
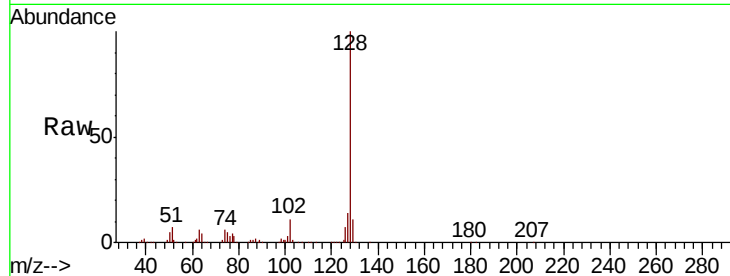
#31
Naphthalene
Concen: 43.448 ng
RT: 10.87 min Scan# 1324
Delta R.T. -0.00 min
Lab File: BG043511.D
Acq: 5 Nov 2019 17:11

Instrument :
BNA_G
ClientSampleId :
SU-02-110119MS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.4	14.0
127	13.5	11.1	16.7

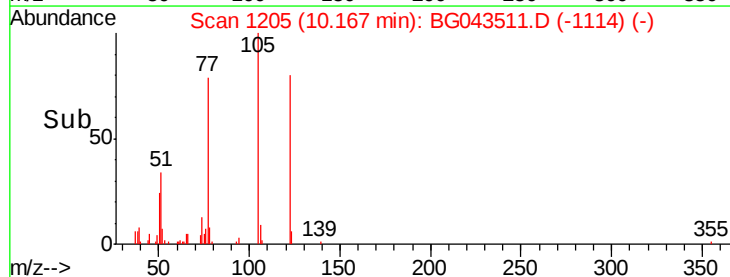
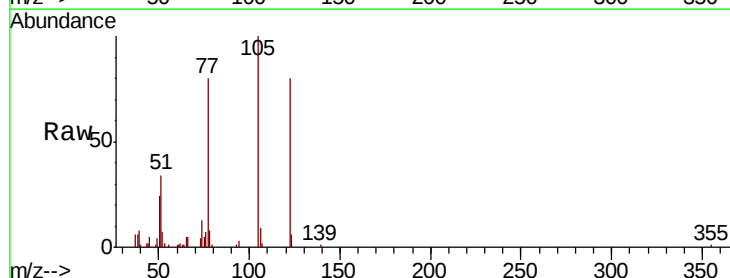
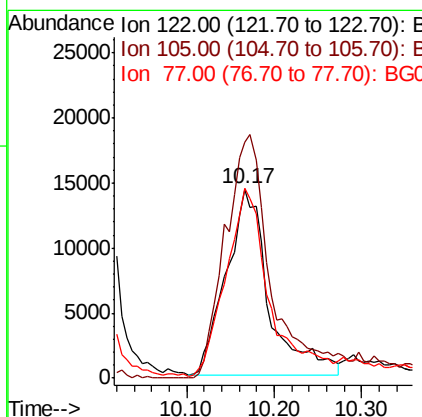
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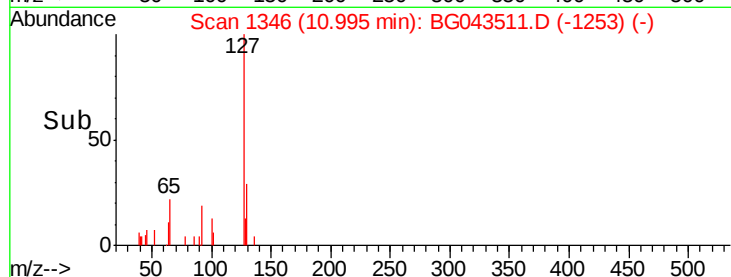
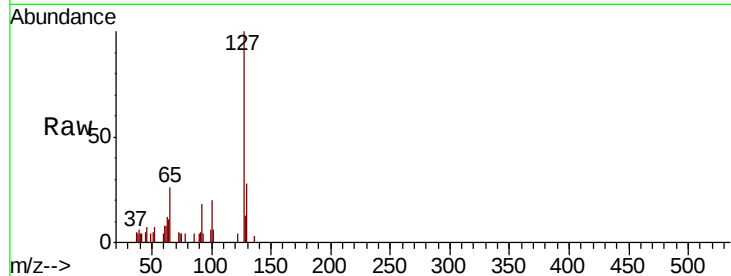
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#32
Benzoic acid
Concen: 36.126 ng
RT: 10.17 min Scan# 1205
Delta R.T. 0.00 min
Lab File: BG043511.D
Acq: 5 Nov 2019 17:11

Tgt Ion	Ratio	Lower	Upper
122	100		
105	125.2	103.3	143.3
77	100.5	84.9	124.9





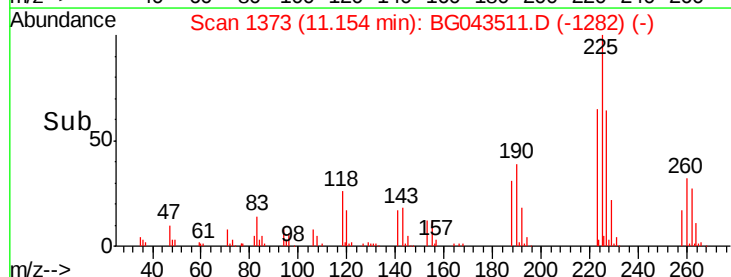
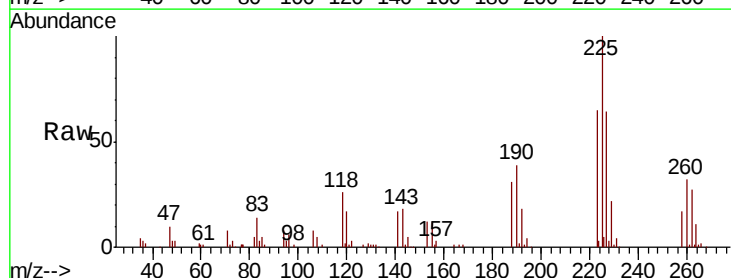
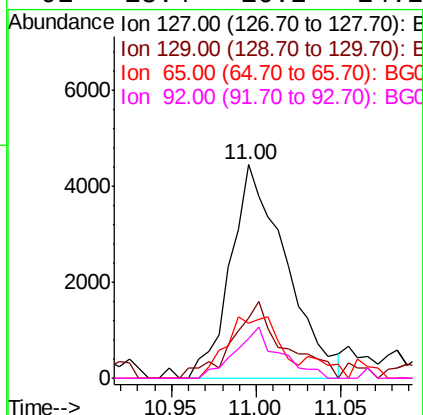
#33
4-Chloroaniline
Concen: 3.313 ng
RT: 11.00 min Scan# 1346
Delta R.T. 0.01 min
Lab File: BG043511.D
Acq: 5 Nov 2019 17:11

Instrument :
BNA_G
ClientSampleId :
SU-02-110119MS

Tot Ion	Ratio	Lower	Upper
127	100		
129	28.1	26.5	39.7
65	25.7	26.4	39.6
92	18.4	16.2	24.2

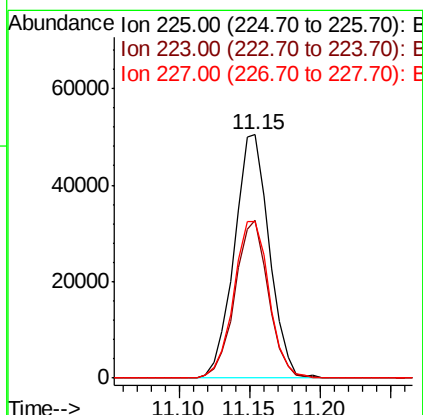
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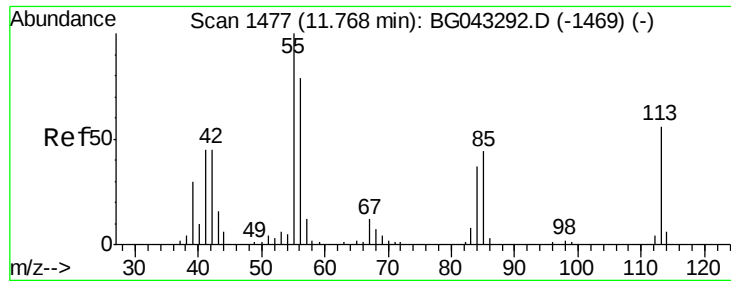
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#34
Hexachlorobutadiene
Concen: 38.742 ng
RT: 11.15 min Scan# 1373
Delta R.T. 0.00 min
Lab File: BG043511.D
Acq: 5 Nov 2019 17:11

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.8	52.7	79.1
227	64.5	54.8	82.2





#35

Caprolactam

Concen: 42.814 ng/mL

RT: 11.75 min Scan# 1475

Delta R.T. 0.00 min

Lab File: BG043511.D

Acq: 5 Nov 2019 17:11

Instrument :

BNA_G

ClientSampleId :

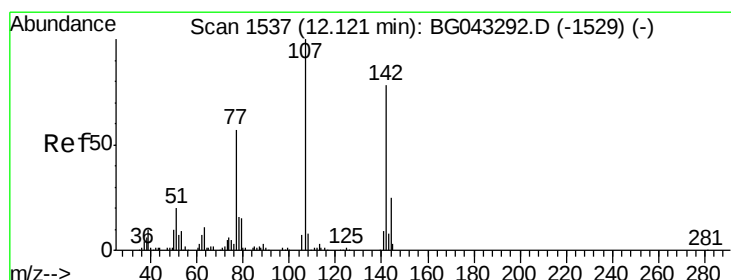
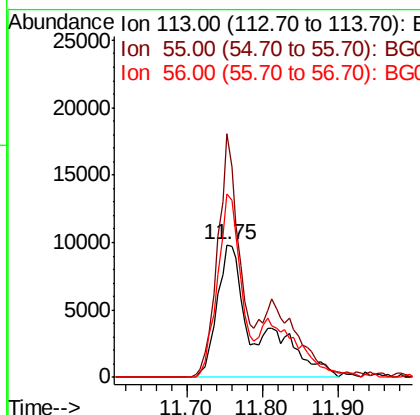
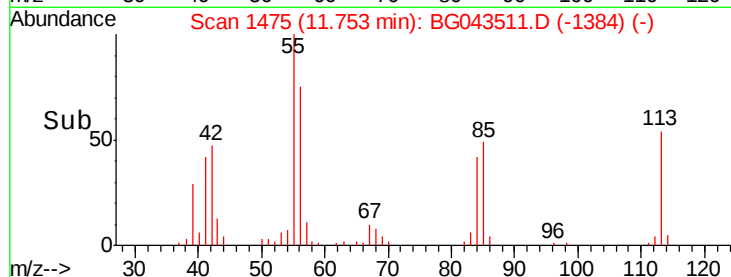
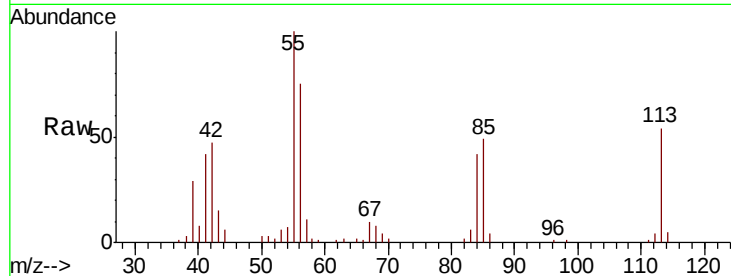
SU-02-110119MS

Tot Ion:113 Resp: 35573

Ion	Ratio	Lower	Upper
113	100		
55	184.1	134.1	174.1#
56	138.9	100.4	140.4

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#36

4-Chloro-3-methylphenol

Concen: 47.627 ng/mL

RT: 12.12 min Scan# 1537

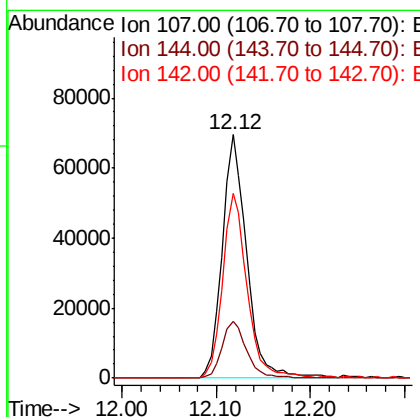
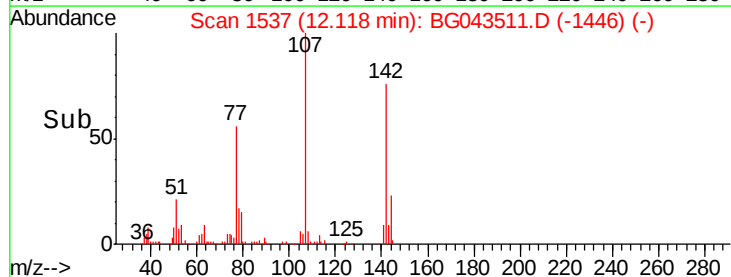
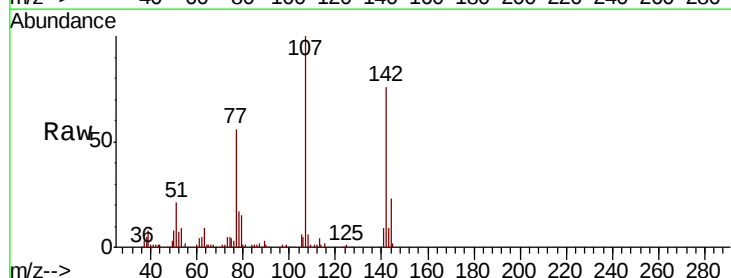
Delta R.T. 0.00 min

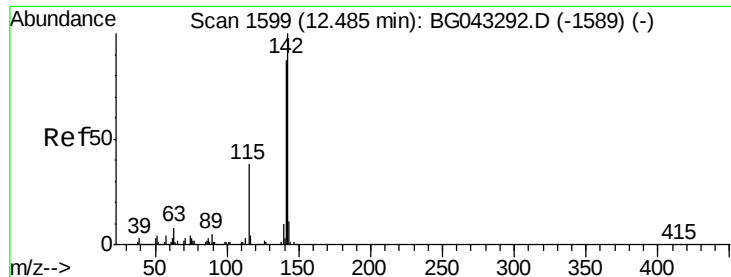
Lab File: BG043511.D

Acq: 5 Nov 2019 17:11

Tgt Ion:107 Resp: 125331

Ion	Ratio	Lower	Upper
107	100		
144	23.3	20.9	31.3
142	75.9	59.6	89.4





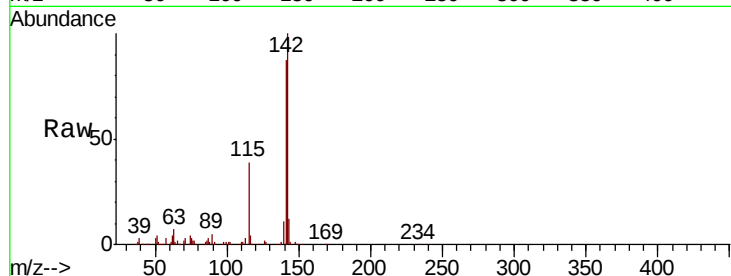
#37
2-Methylnaphthalene
Concen: 42.585 ng
RT: 12.47 min Scan# 1597
Delta R.T. 0.00 min
Lab File: BG043511.D
Acq: 5 Nov 2019 17:11

Instrument :
BNA_G
ClientSampleId :
SU-02-110119MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	86.7	72.2	108.2
115	39.4	33.2	49.8

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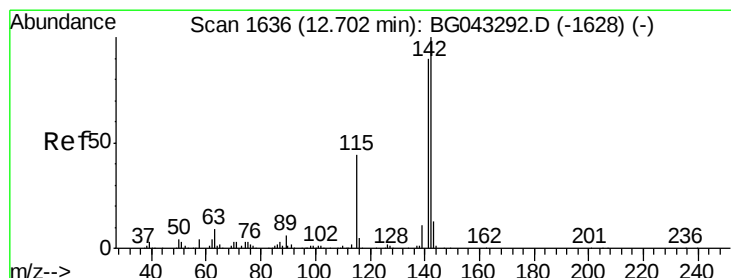
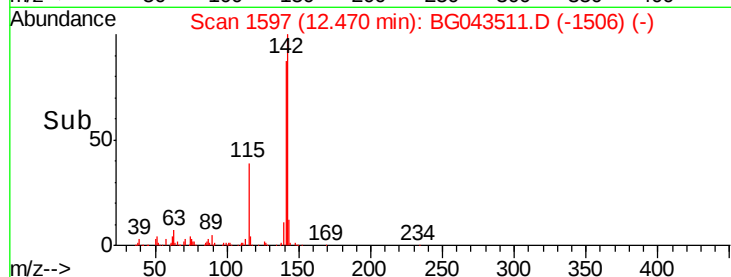
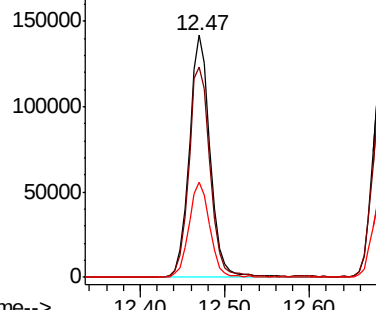


Abundance

Ion 142.00 (141.70 to 142.70): E

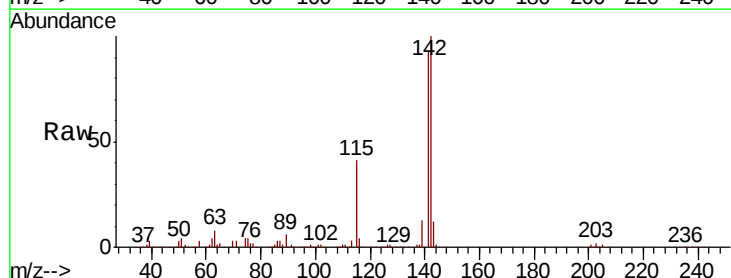
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 43.378 ng
RT: 12.69 min Scan# 1634
Delta R.T. -0.00 min
Lab File: BG043511.D
Acq: 5 Nov 2019 17:11

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.4	73.2	109.8
116	3.8	3.6	5.4

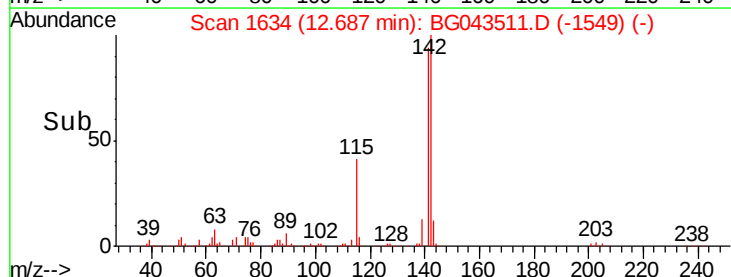
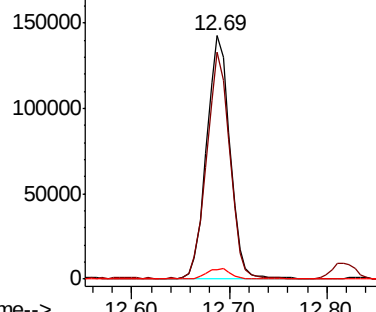


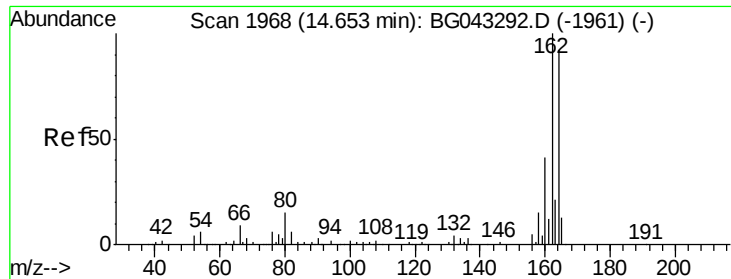
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





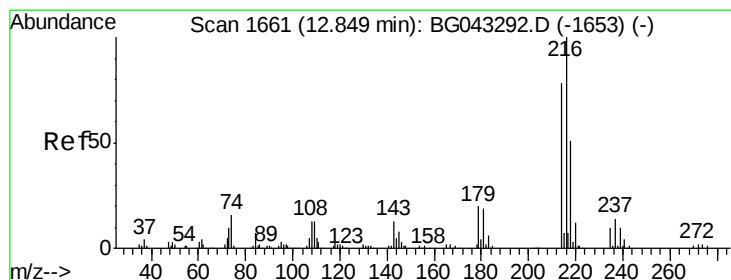
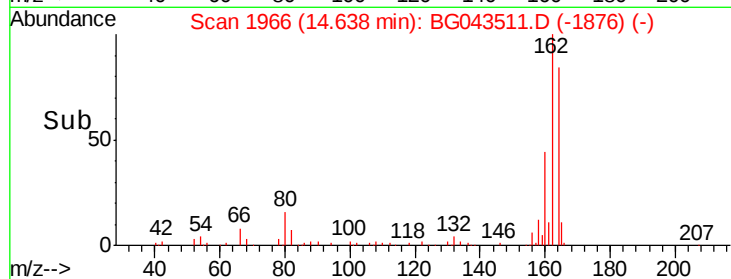
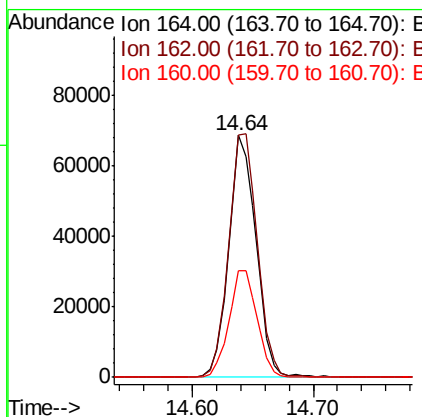
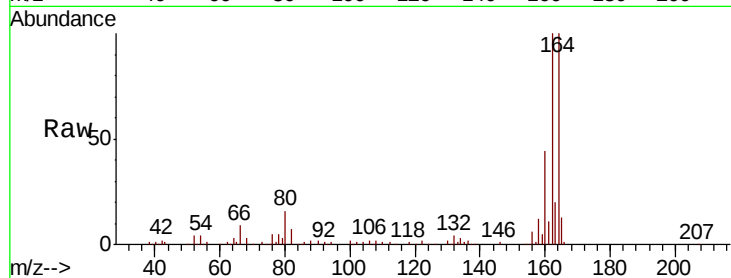
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.64 min Scan# 1966
Delta R.T. -0.00 min
Lab File: BG043511.D
Acq: 5 Nov 2019 17:11

Instrument :
BNA_G
ClientSampleId :
SU-02-110119MS

Tot Ion	Ratio	Lower	Upper
164	100		
162	99.9	83.5	125.3
160	44.1	36.5	54.7

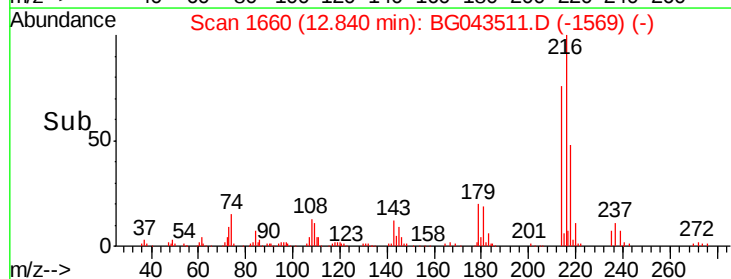
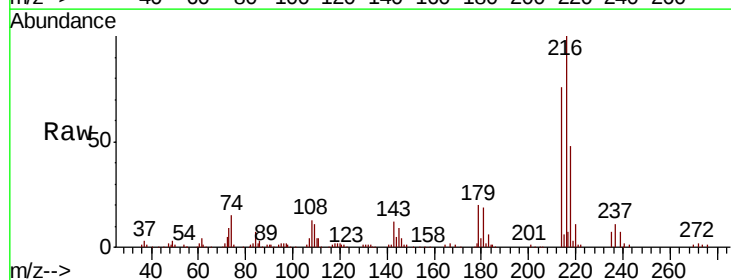
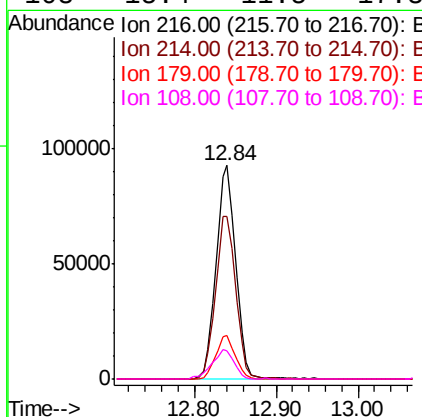
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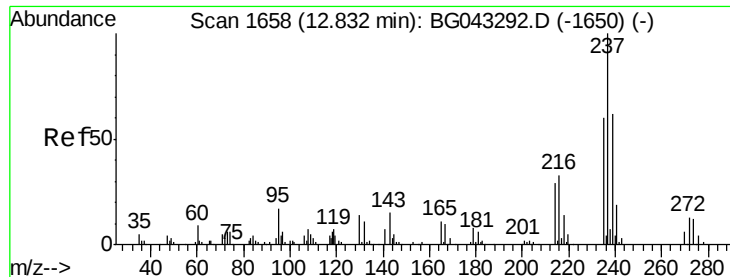
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 38.806 ng
RT: 12.84 min Scan# 1660
Delta R.T. 0.00 min
Lab File: BG043511.D
Acq: 5 Nov 2019 17:11

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.0	61.7	92.5
179	20.0	15.8	23.8
108	15.4	11.5	17.3





#41

Hexachlorocyclopentadiene

Concen: 75.973 ng

RT: 12.82 min Scan# 1656

Delta R.T. -0.00 min

Lab File: BG043511.D

Acq: 5 Nov 2019 17:11

Instrument :

BNA_G

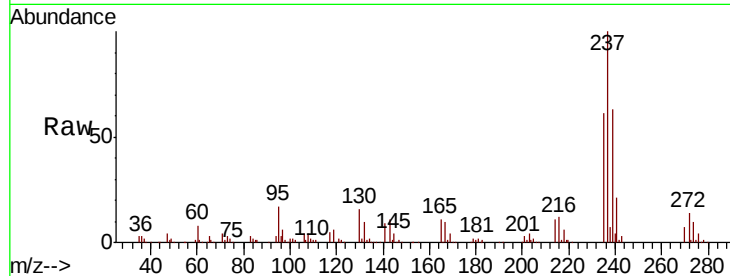
ClientSampleId :

SU-02-110119MS

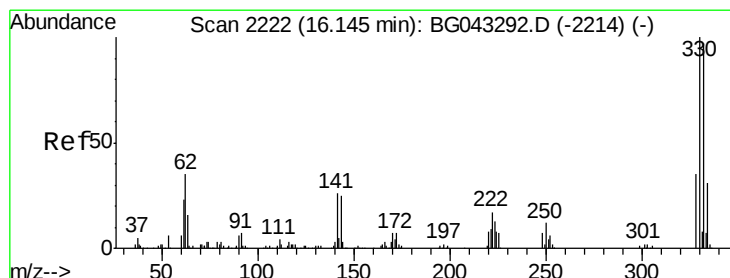
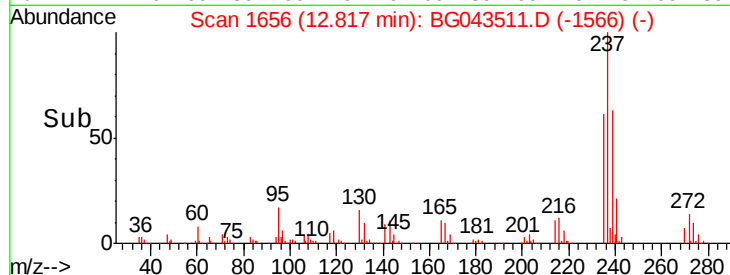
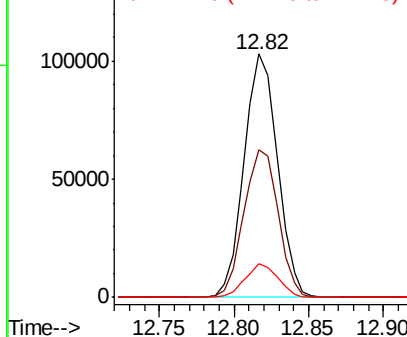
Tot Ion:	237	Resp:	159437
Ion Ratio		Lower	Upper
237	100		
235	60.6	41.6	81.6
272	13.8	0.0	32.5

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



#42

2,4,6-Tribromophenol

Concen: 118.085 ng

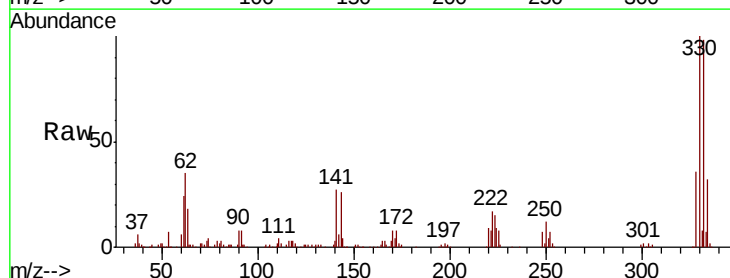
RT: 16.14 min Scan# 2221

Delta R.T. 0.00 min

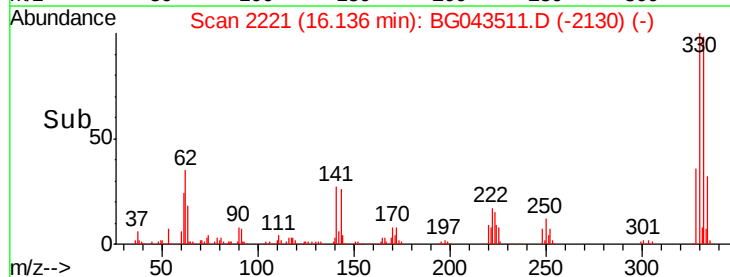
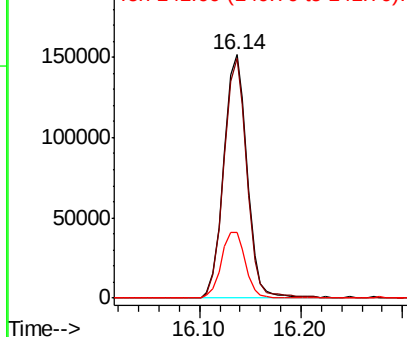
Lab File: BG043511.D

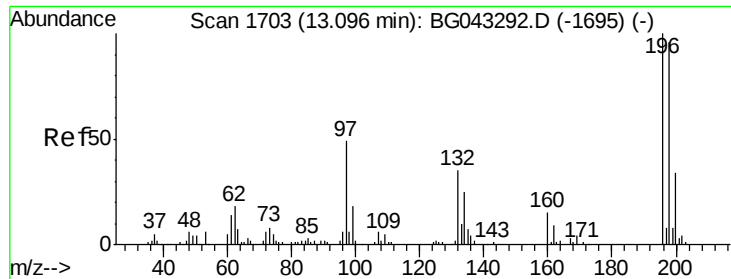
Acq: 5 Nov 2019 17:11

Tgt Ion:	330	Resp:	242577
Ion Ratio		Lower	Upper
330	100		
332	97.1	77.4	116.0
141	28.0	22.8	34.2



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





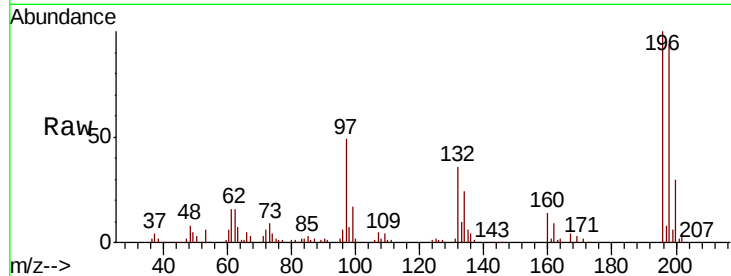
#43
 2,4,6-Trichlorophenol
 Concen: 44.148 ng
 RT: 13.09 min Scan# 1702
 Delta R.T. 0.00 min
 Lab File: BG043511.D
 Acq: 5 Nov 2019 17:11

Instrument :
 BNA_G
 ClientSampleId :
 SU-02-110119MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	103866		
198	94.0	75.8	113.6	
200	30.4	23.9	35.9	

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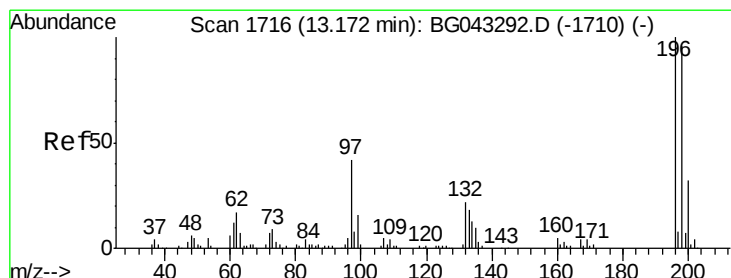
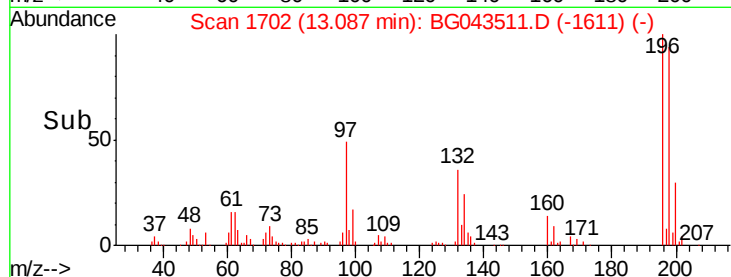
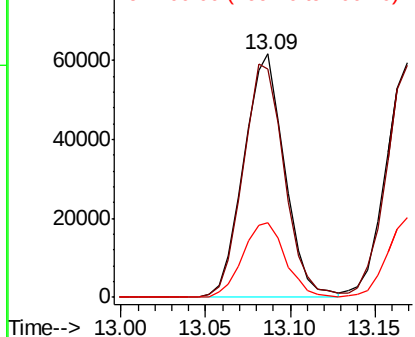


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 46.462 ng
 RT: 13.17 min Scan# 1716
 Delta R.T. 0.00 min
 Lab File: BG043511.D
 Acq: 5 Nov 2019 17:11

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	110512		
198	98.7	74.5	111.7	
97	44.3	36.3	54.5	
132	22.0	17.4	26.2	

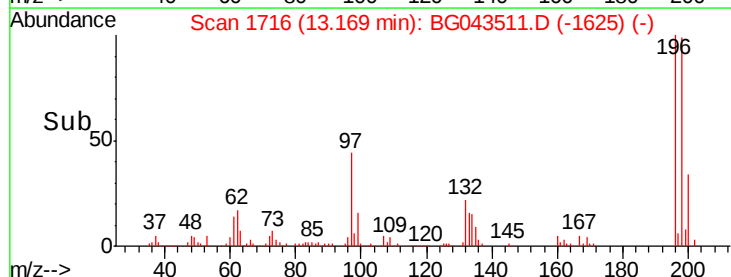
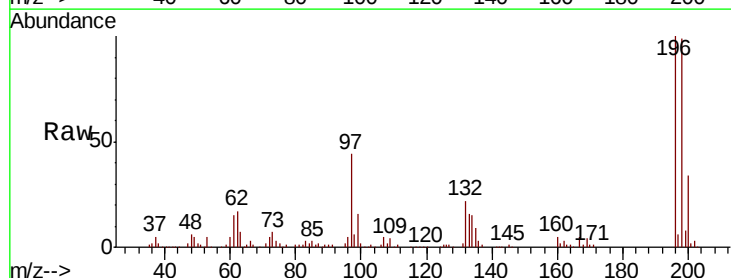
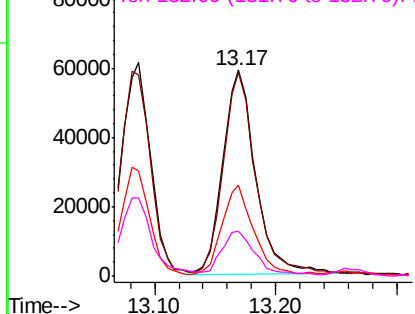
Abundance

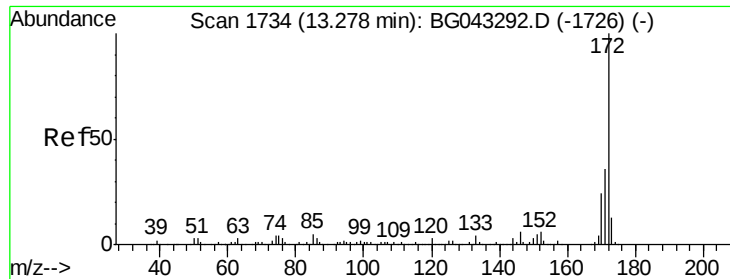
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E





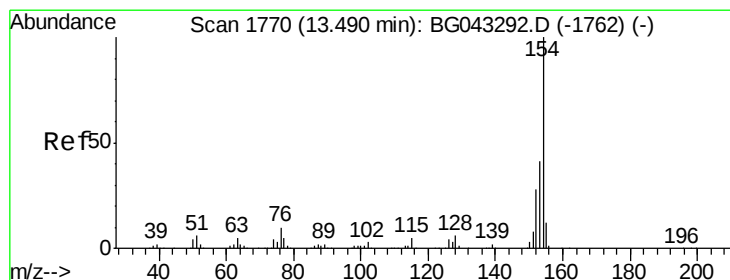
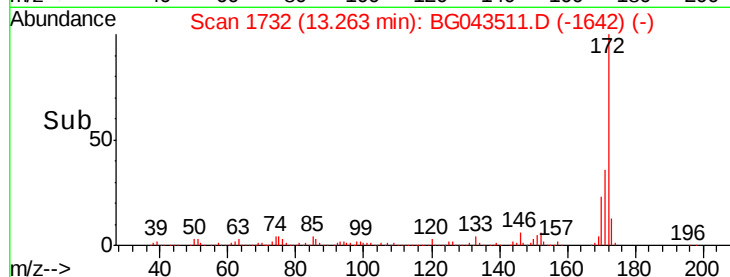
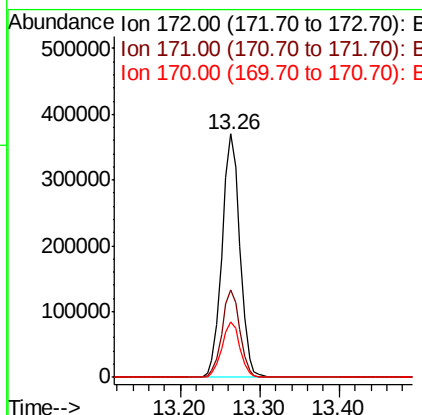
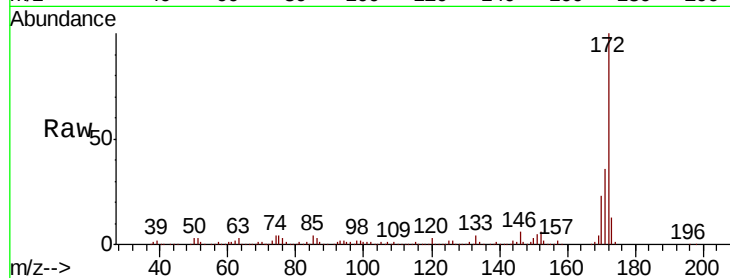
#45
2-Fluorobiphenyl
Concen: 73.727 ng
RT: 13.26 min Scan# 1732
Delta R.T. -0.00 min
Lab File: BG043511.D
Acq: 5 Nov 2019 17:11

Instrument :
BNA_G
ClientSampleId :
SU-02-110119MS

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.9	43.3
170	22.8	18.5	27.7

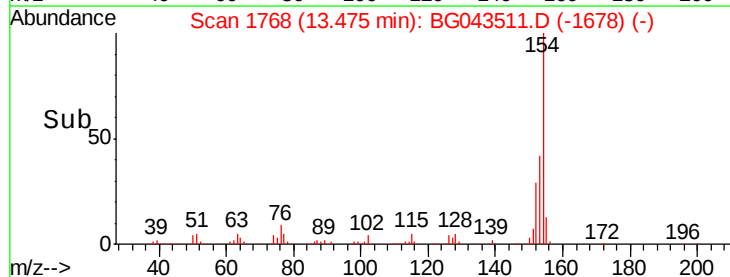
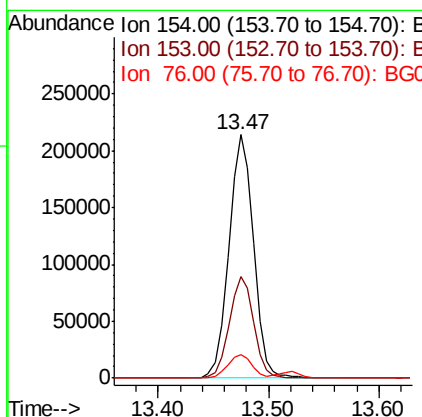
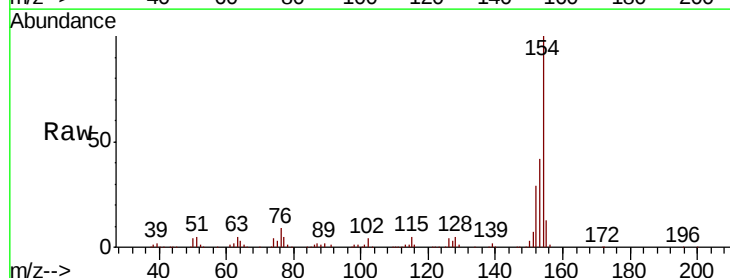
Manual Integrations
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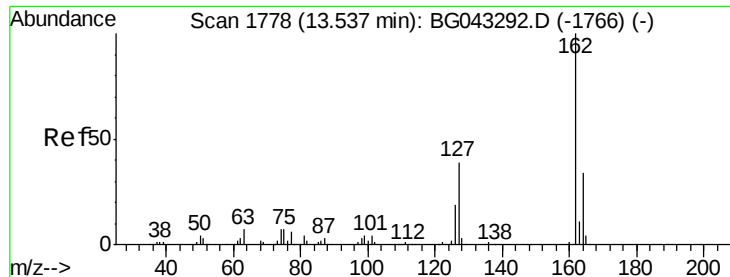
mohammad
11/6/2019 8:41:13 AM



#46
1,1'-Biphenyl
Concen: 40.734 ng
RT: 13.47 min Scan# 1768
Delta R.T. -0.00 min
Lab File: BG043511.D
Acq: 5 Nov 2019 17:11

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.6	19.9	59.9
76	9.5	0.0	29.4





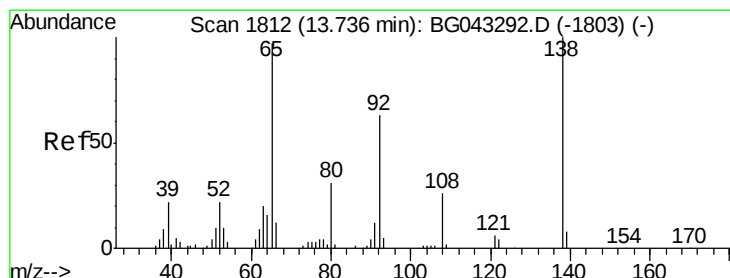
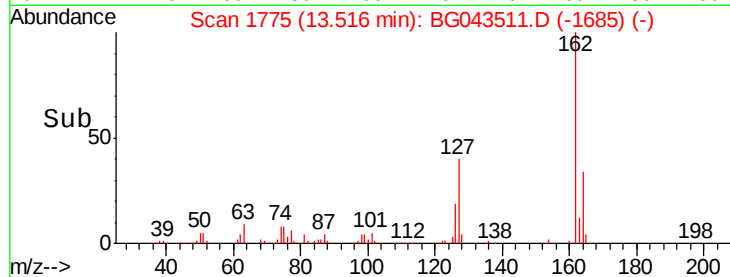
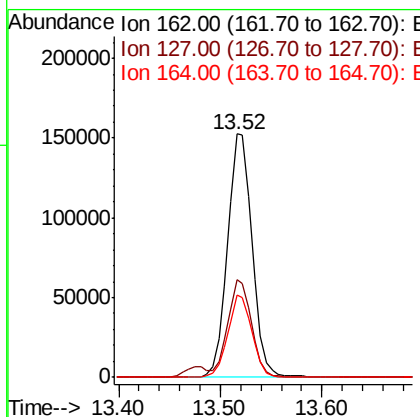
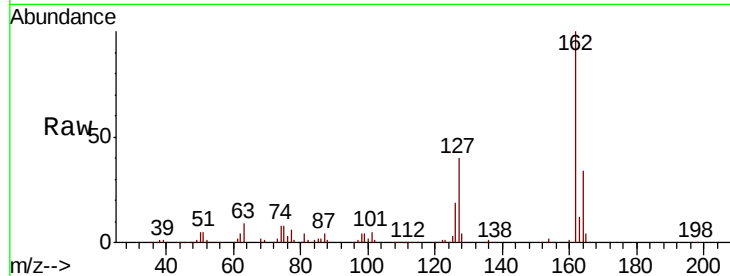
#47
2-Chloronaphthalene
Concen: 41.031 ng
RT: 13.52 min Scan# 1775
Delta R.T. -0.00 min
Lab File: BG043511.D
Acq: 5 Nov 2019 17:11

Instrument :
BNA_G
ClientSampleId :
SU-02-110119MS

Tot Ion	Ratio	Lower	Upper
162	100		
127	40.3	31.2	46.8
164	33.7	25.8	38.8

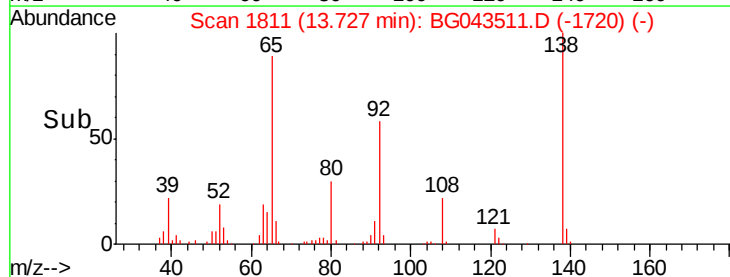
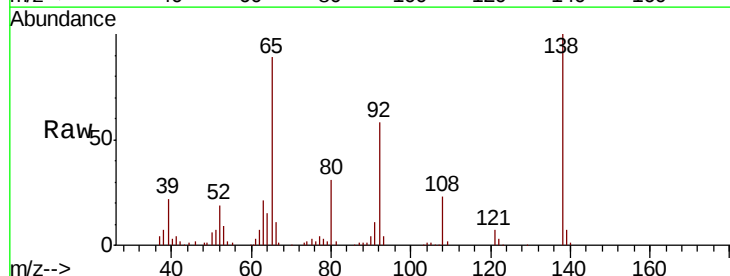
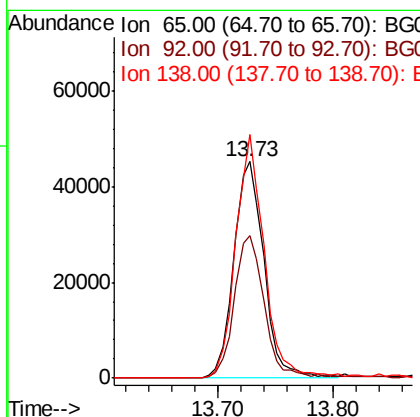
Manual Integrations
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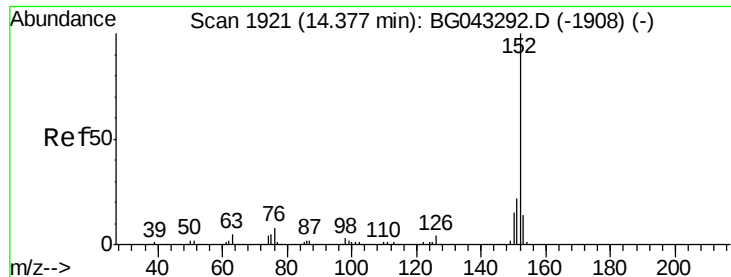
mohammad
11/6/2019 8:41:13 AM



#48
2-Nitroaniline
Concen: 43.728 ng
RT: 13.73 min Scan# 1811
Delta R.T. 0.00 min
Lab File: BG043511.D
Acq: 5 Nov 2019 17:11

Tgt Ion	Ratio	Lower	Upper
65	100		
92	65.8	56.2	84.2
138	112.6	82.6	123.8





#49

Acenaphthylene

Concen: 44.224 ng

RT: 14.36 min Scan# 1919

Delta R.T. -0.00 min

Lab File: BG043511.D

Acq: 5 Nov 2019 17:11

Instrument :

BNA_G

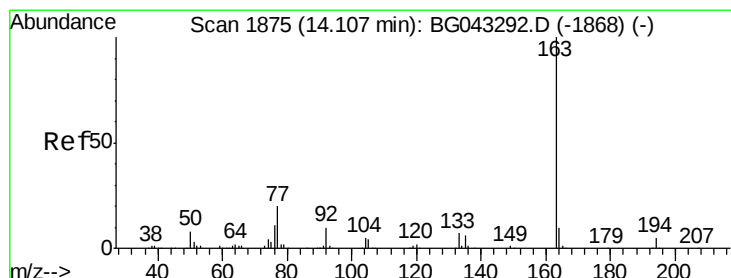
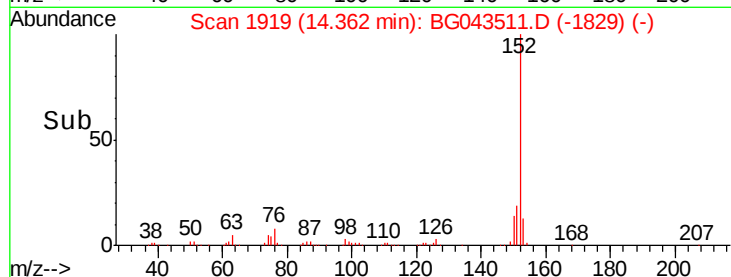
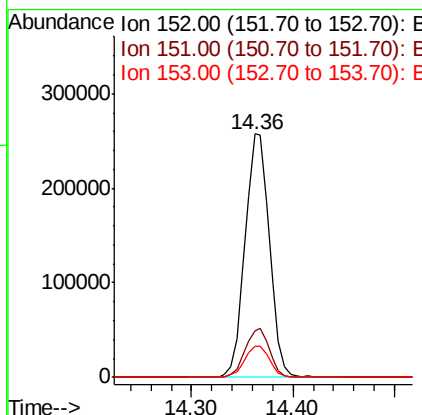
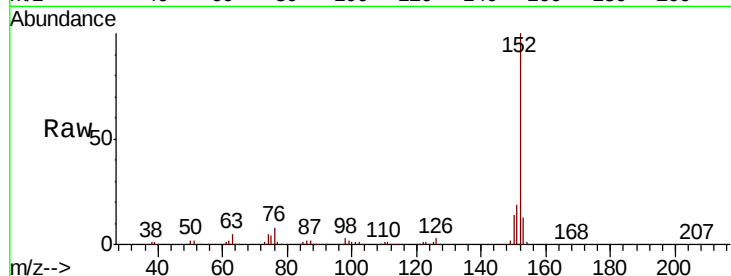
ClientSampleId :

SU-02-110119MS

Tot Ion	Ratio	Lower	Upper
152	100		
151	19.2	16.2	24.4
153	12.9	10.6	15.8

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#50

Dimethylphthalate

Concen: 48.043 ng

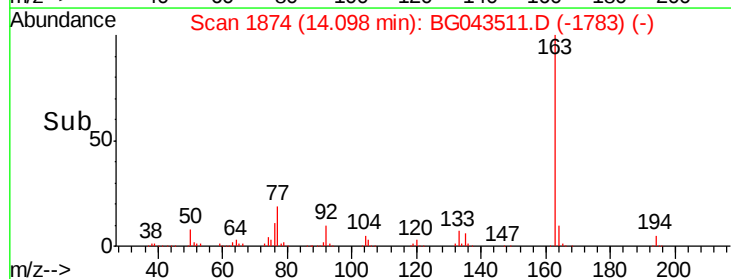
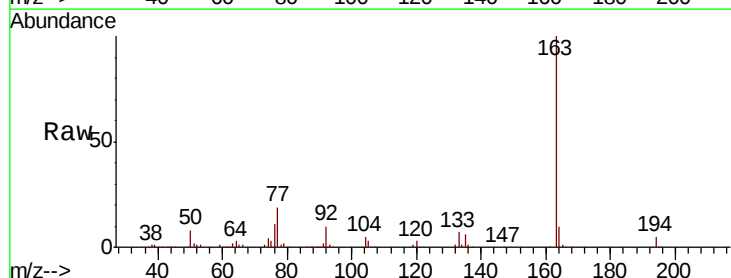
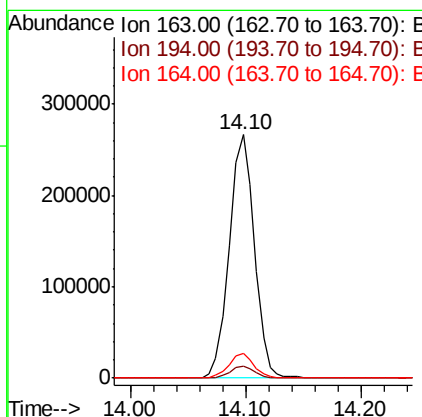
RT: 14.10 min Scan# 1874

Delta R.T. 0.00 min

Lab File: BG043511.D

Acq: 5 Nov 2019 17:11

Tgt Ion	Ratio	Lower	Upper
163	100		
194	5.0	3.8	5.6
164	10.3	8.9	13.3





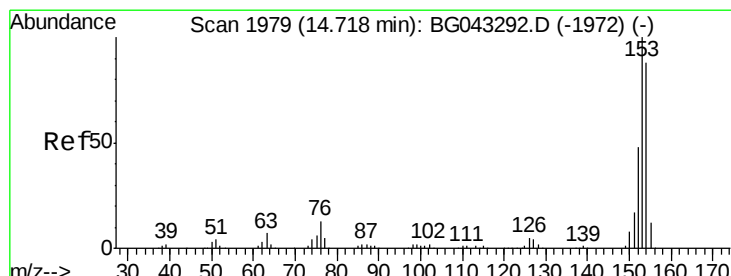
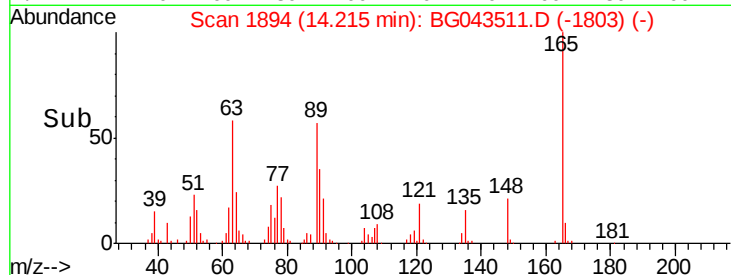
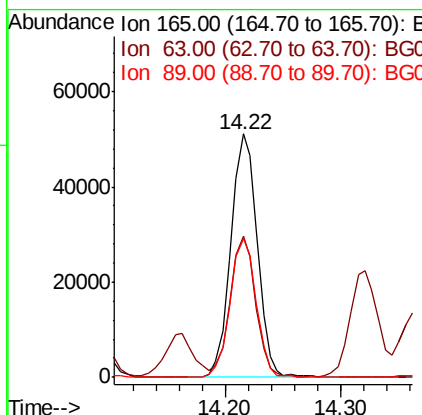
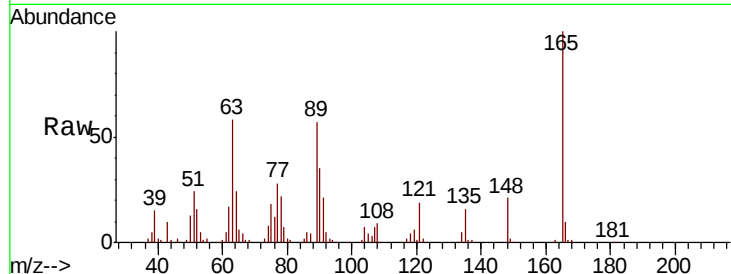
#51
2,6-Dinitrotoluene
Concen: 44.587 ng
RT: 14.22 min Scan# 1894
Delta R.T. 0.00 min
Lab File: BG043511.D
Acq: 5 Nov 2019 17:11

Instrument :
BNA_G
ClientSampleId :
SU-02-110119MS

Tot Ion	Ratio	Lower	Upper
165	100		
63	58.2	46.6	69.8
89	56.9	45.1	67.7

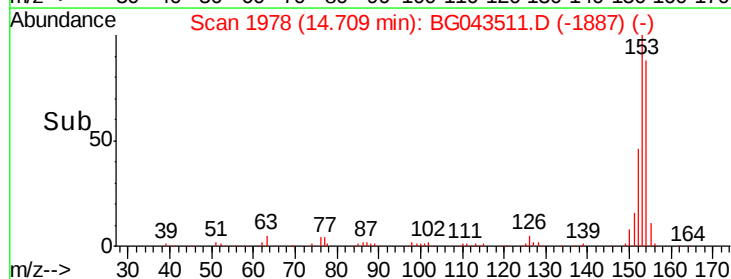
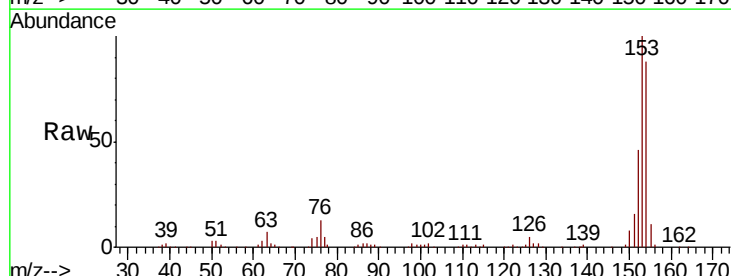
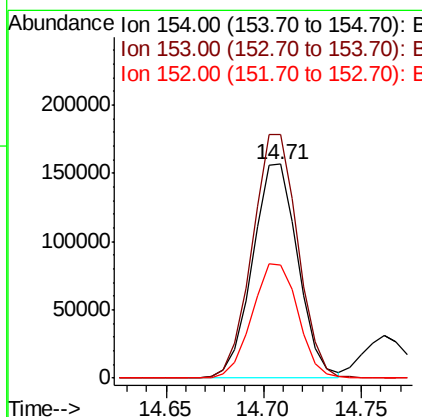
Manual Integrations
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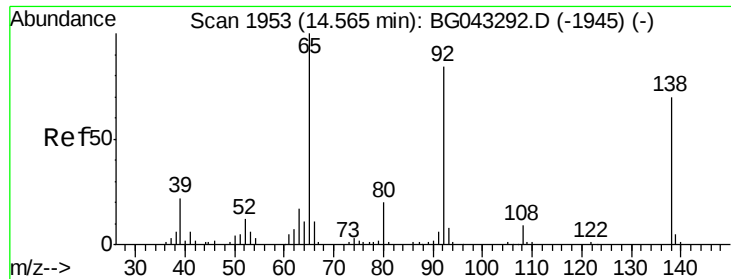
mohammad
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#52
Acenaphthene
Concen: 42.461 ng
RT: 14.71 min Scan# 1978
Delta R.T. 0.00 min
Lab File: BG043511.D
Acq: 5 Nov 2019 17:11

Tgt Ion	Ratio	Lower	Upper
154	100		
153	113.6	88.2	132.2
152	52.6	40.0	60.0





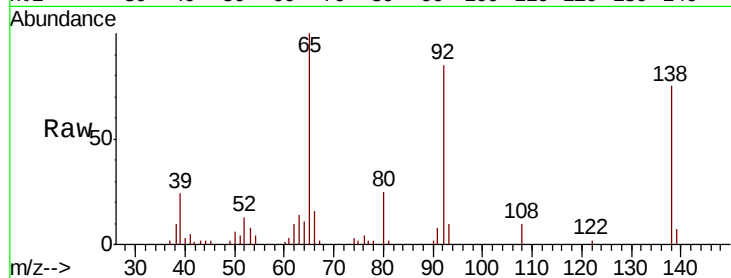
#53
3-Nitroaniline
Concen: 12.028 ng
RT: 14.56 min Scan# 1952
Delta R.T. 0.00 min
Lab File: BG043511.D
Acq: 5 Nov 2019 17:11

Instrument :
BNA_G
ClientSampleId :
SU-02-110119MS

Tot Ion	Ratio	Lower	Upper
138	100		
108	13.7	8.0	12.0
92	113.3	90.9	136.3

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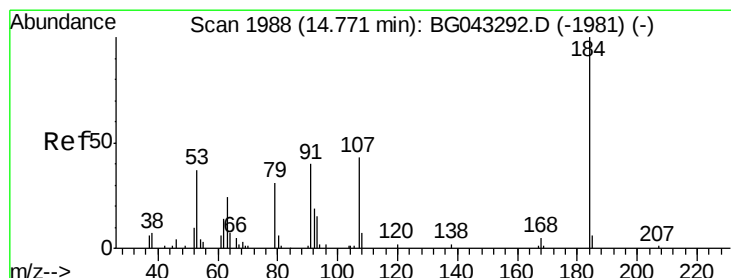
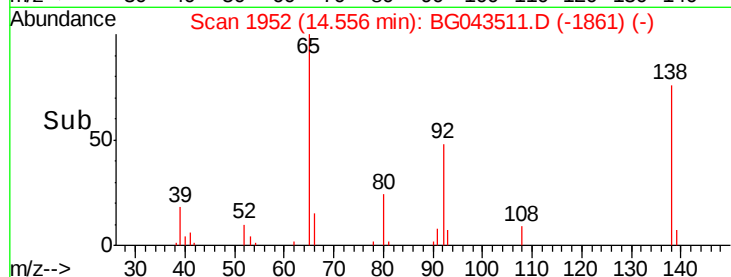
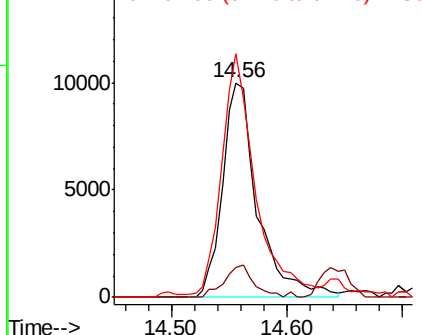


Abundance

Ion 138.00 (137.70 to 138.70): E

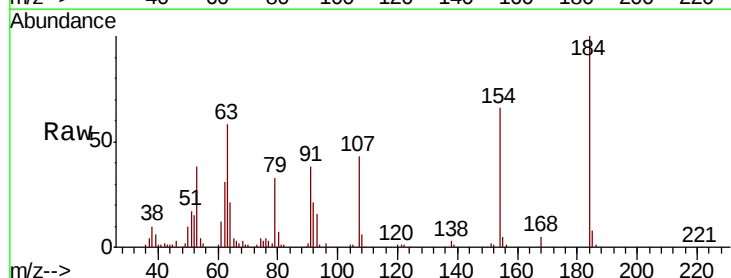
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54
2,4-Dinitrophenol
Concen: 78.679 ng
RT: 14.76 min Scan# 1987
Delta R.T. 0.00 min
Lab File: BG043511.D
Acq: 5 Nov 2019 17:11

Tgt Ion	Ratio	Lower	Upper
184	100		
63	57.8	51.3	76.9
154	66.4	55.4	83.0

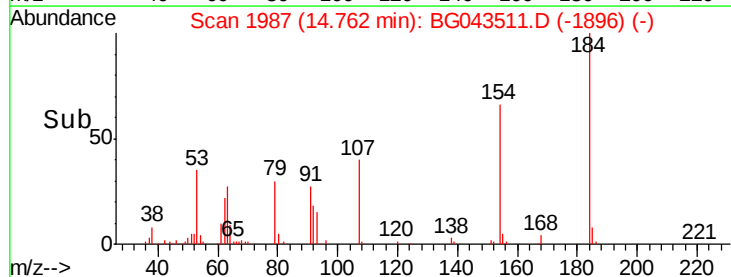
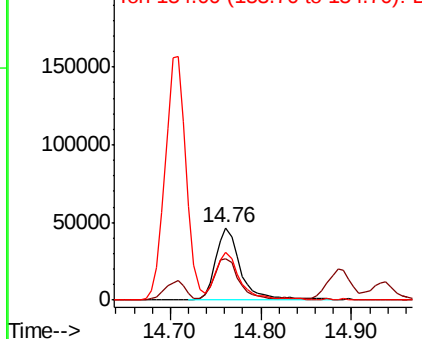


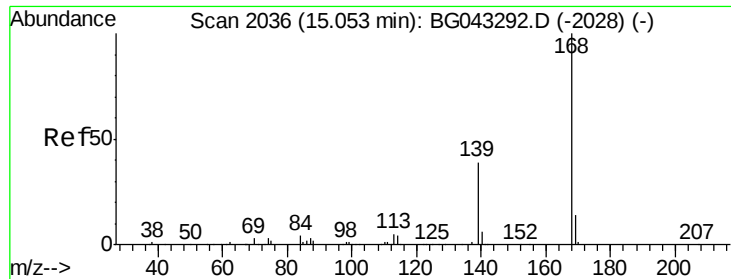
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E





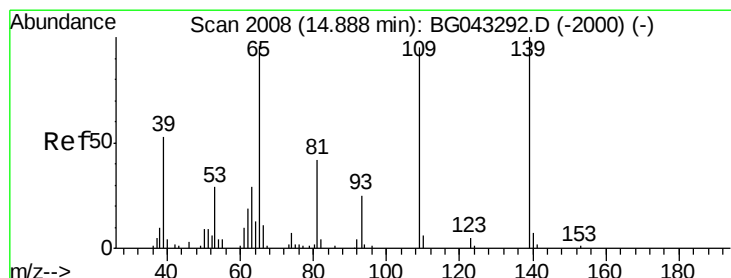
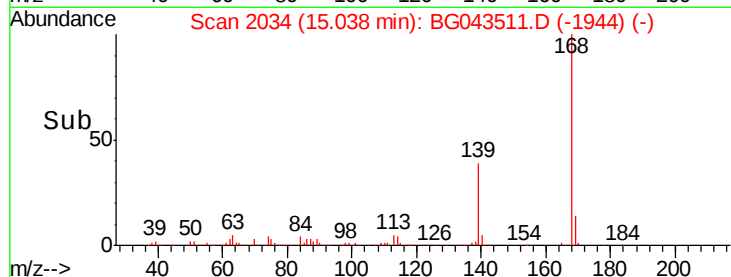
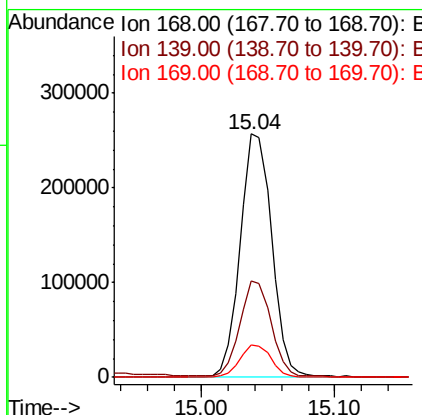
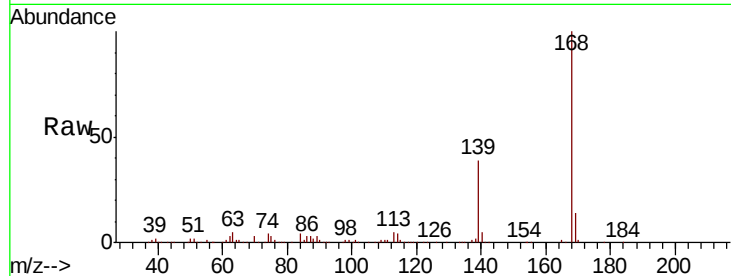
#55
Dibenzofuran
Concen: 43.812 ng
RT: 15.04 min Scan# 2034
Delta R.T. -0.00 min
Lab File: BG043511.D
Acq: 5 Nov 2019 17:11

Instrument :
BNA_G
ClientSampleId :
SU-02-110119MS

Tot Ion	Ratio	Lower	Upper
168	100		
139	39.4	31.0	46.6
169	13.6	11.7	17.5

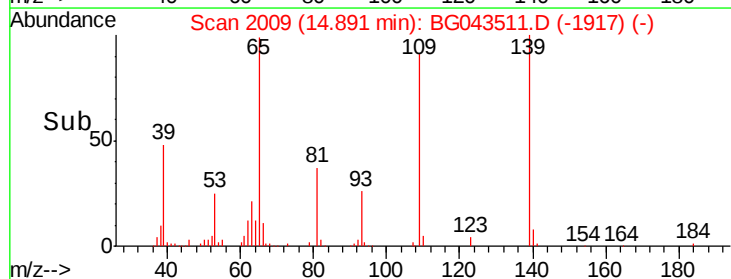
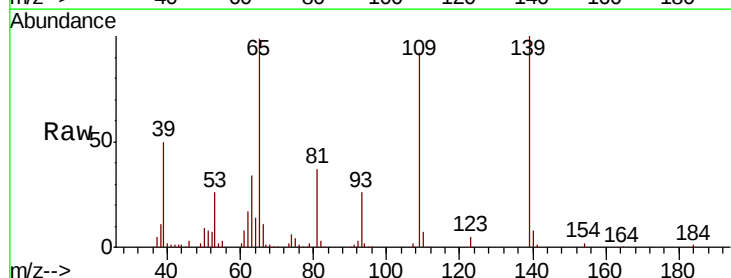
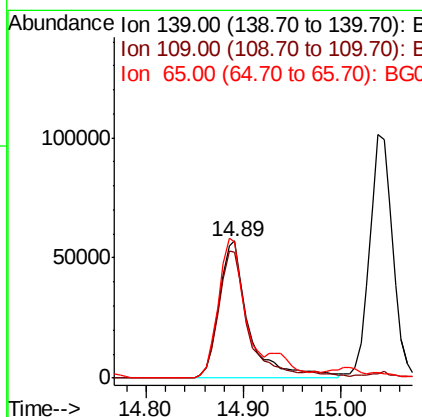
Manual Integrations
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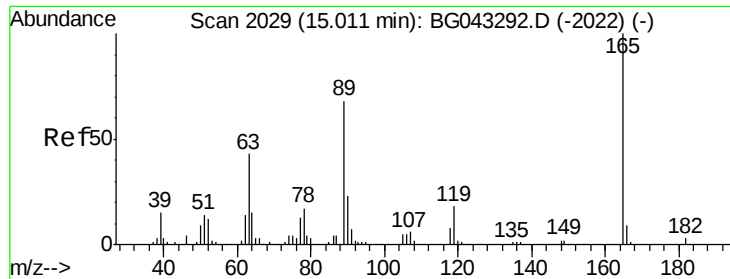
mohammad
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#56
4-Nitrophenol
Concen: 102.651 ng
RT: 14.89 min Scan# 2009
Delta R.T. 0.01 min
Lab File: BG043511.D
Acq: 5 Nov 2019 17:11

Tgt Ion	Ratio	Lower	Upper
139	100		
109	91.9	87.2	127.2
65	99.1	83.8	123.8





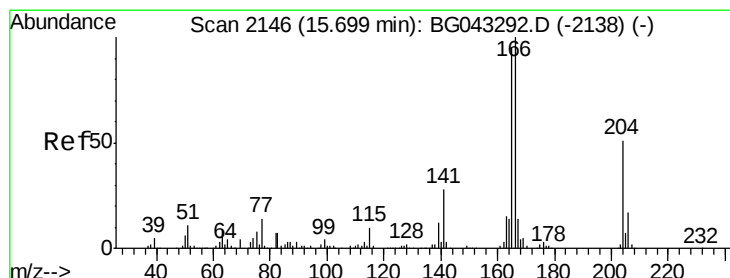
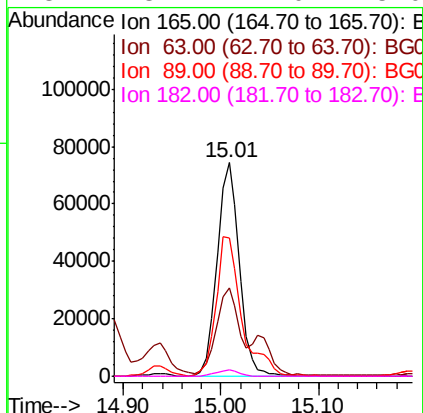
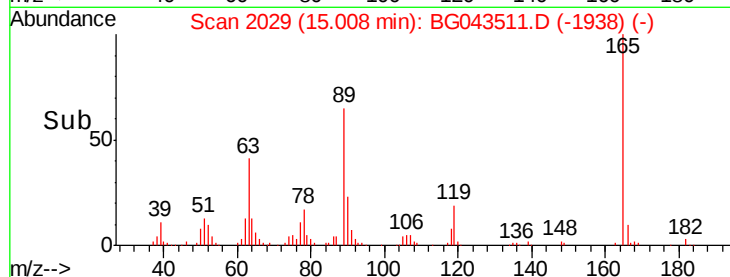
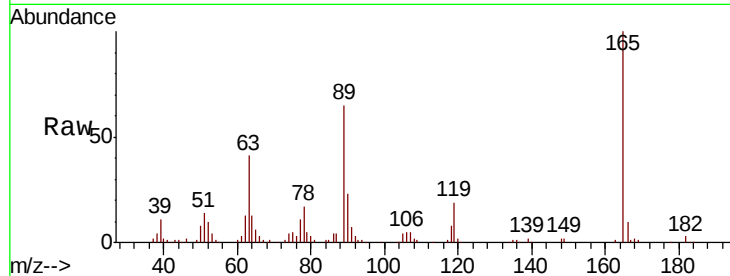
#57
 2,4-Dinitrotoluene
 Concen: 44.960 ng
 RT: 15.01 min Scan# 2029
 Delta R.T. 0.00 min
 Lab File: BG043511.D
 Acq: 5 Nov 2019 17:11

Instrument :
 BNA_G
 ClientSampleId :
 SU-02-110119MS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	116713		
63	41.2	33.2	49.8	
89	64.8	52.2	78.4	
182	3.1	2.0	3.0	

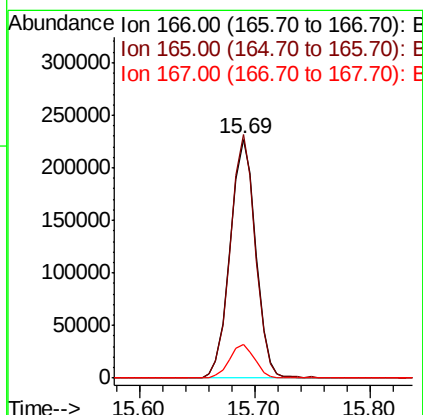
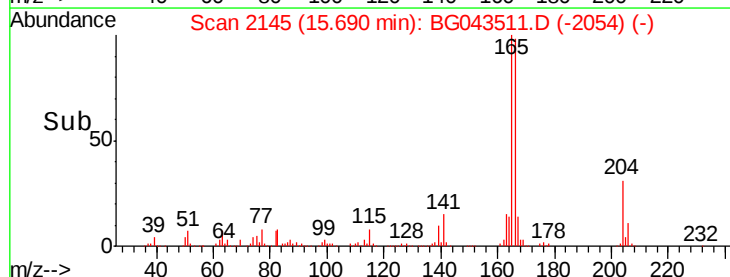
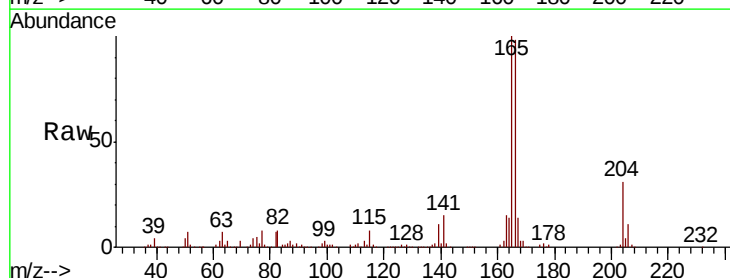
Manual Integrations
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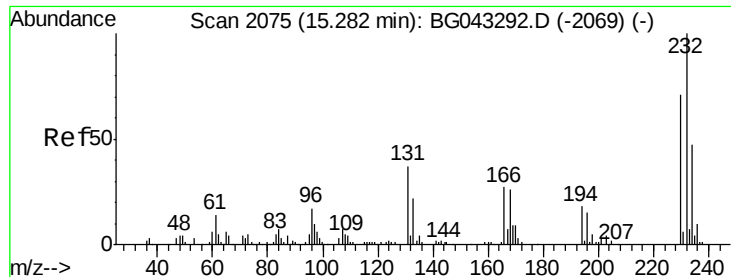
mohammad
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#58
 Fluorene
 Concen: 43.237 ng
 RT: 15.69 min Scan# 2146
 Delta R.T. 0.00 min
 Lab File: BG043511.D
 Acq: 5 Nov 2019 17:11

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	348756		
165	101.8	79.0	118.6	
167	14.0	10.5	15.7	





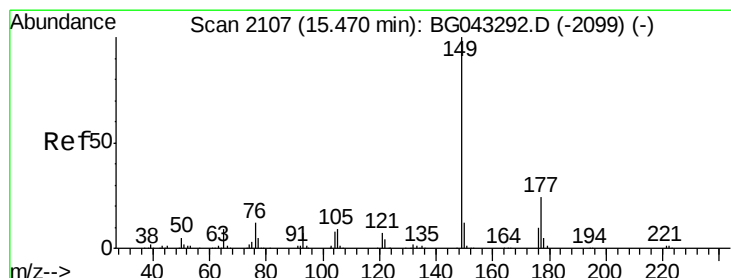
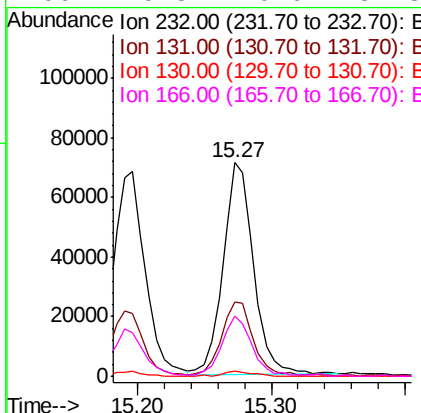
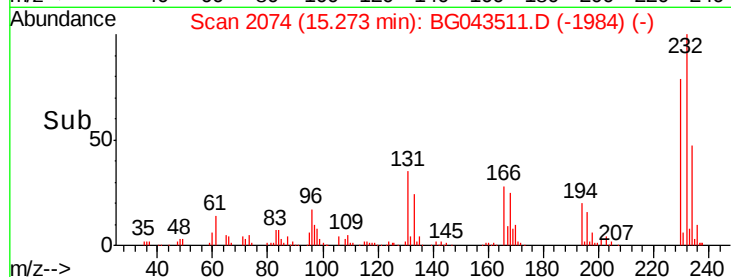
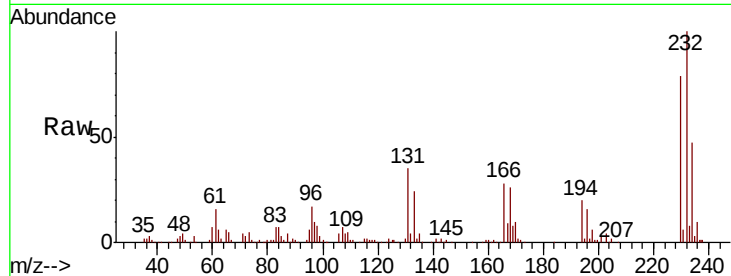
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 45.195 ng
 RT: 15.27 min Scan# 2074
 Delta R.T. -0.00 min
 Lab File: BG043511.D
 Acq: 5 Nov 2019 17:11

Instrument :
 BNA_G
 ClientSampled :
 SU-02-110119MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
232	100		114212		
131	36.8	26.9	40.3		
130	2.1	1.8	2.6		
166	26.8	20.9	31.3		

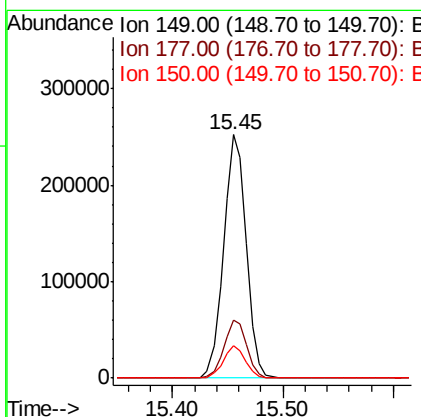
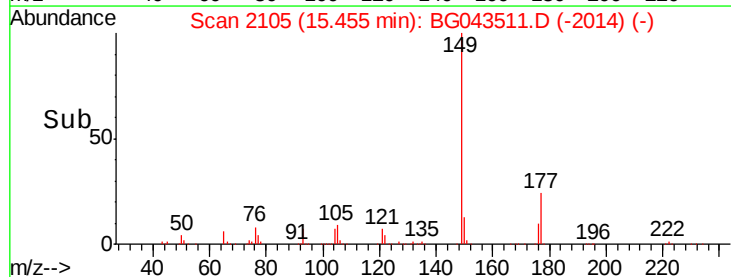
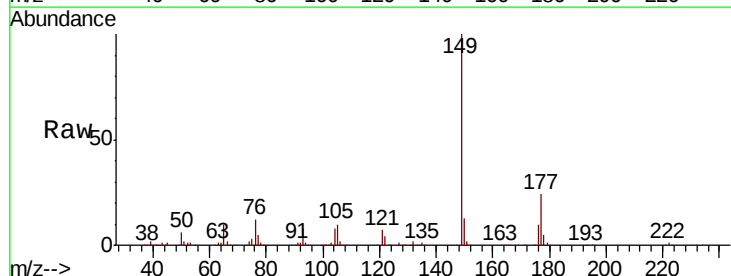
Manual Integrations
 APPROVED

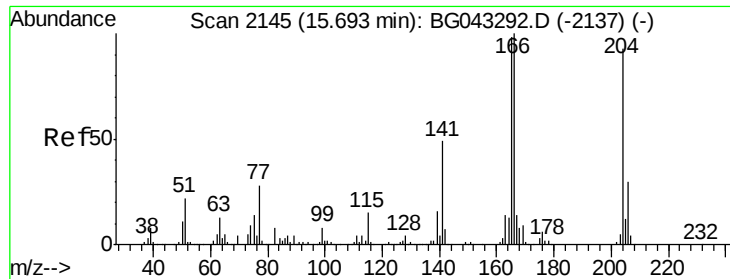
mohammad
 11/6/2019 8:41:13 AM



#60
 Diethylphthalate
 Concen: 42.804 ng
 RT: 15.45 min Scan# 2105
 Delta R.T. 0.00 min
 Lab File: BG043511.D
 Acq: 5 Nov 2019 17:11

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100		359607		
177	23.8	19.6	29.4		
150	13.2	10.8	16.2		





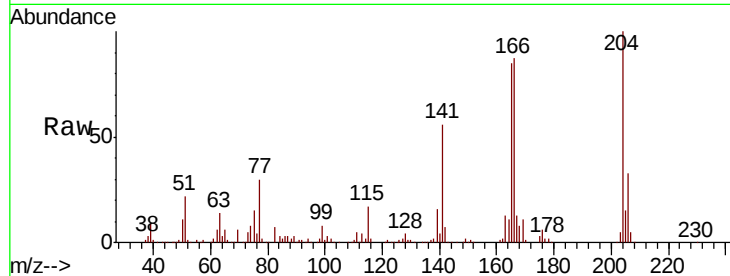
#61
4-Chlorophenyl-phenylether
Concen: 43.039 ng
RT: 15.68 min Scan# 2143
Delta R.T. -0.00 min
Lab File: BG043511.D
Acq: 5 Nov 2019 17:11

Instrument :
BNA_G
ClientSampleId :
SU-02-110119MS

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.7	28.4	42.6
141	55.6	43.0	64.6

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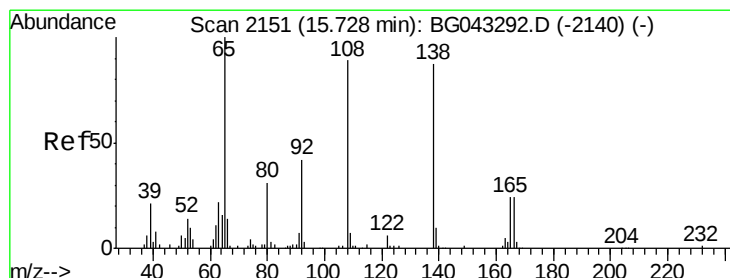
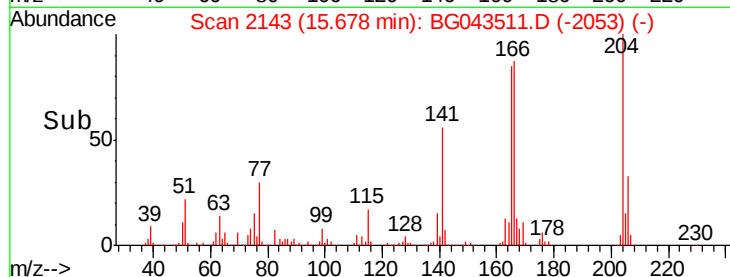
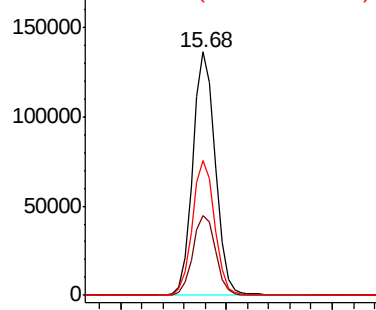


Abundance

Ion 204.00 (203.70 to 204.70): E

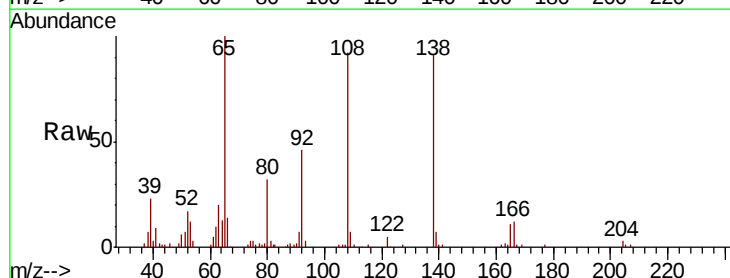
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 42.065 ng
RT: 15.72 min Scan# 2150
Delta R.T. 0.00 min
Lab File: BG043511.D
Acq: 5 Nov 2019 17:11

Tgt Ion	Ratio	Lower	Upper
138	100		
92	50.9	33.4	73.4
108	100.9	78.0	118.0

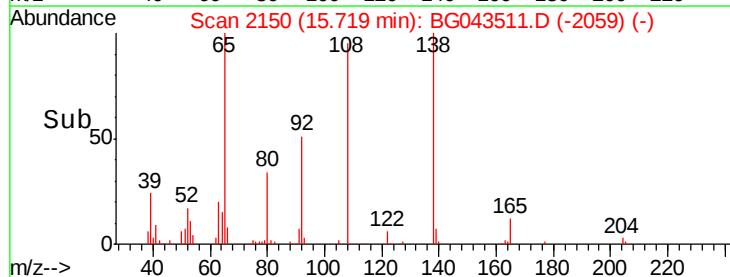
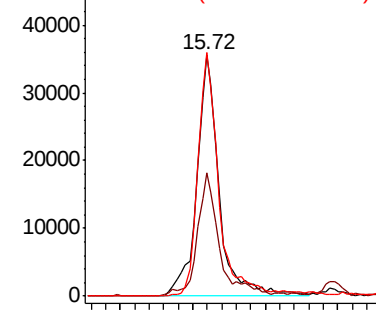


Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E





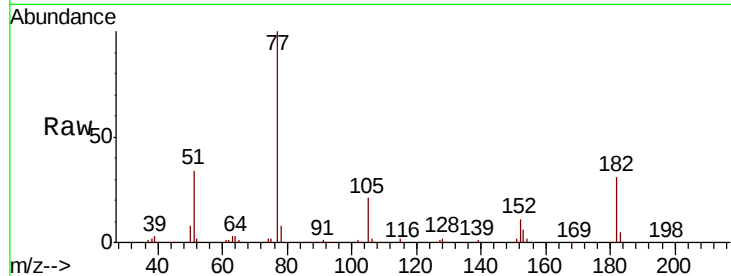
#63
Azobenzene
Concen: 43.835 ng
RT: 15.97 min Scan# 2193
Delta R.T. -0.00 min
Lab File: BG043511.D
Acq: 5 Nov 2019 17:11

Instrument :
BNA_G
ClientSampleId :
SU-02-110119MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		298048		
182	31.5	13.7	53.7		
105	21.3	0.4	40.4		
51	33.5	11.0	51.0		

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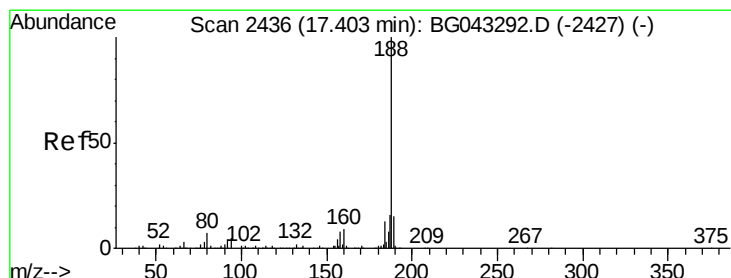
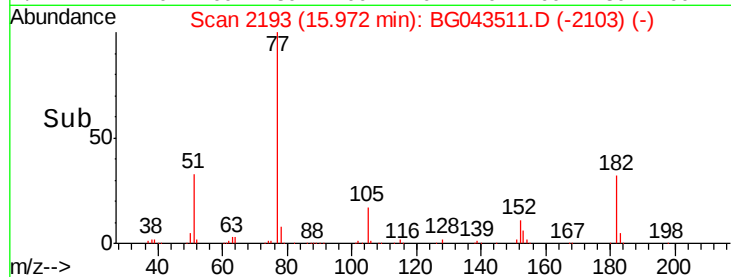
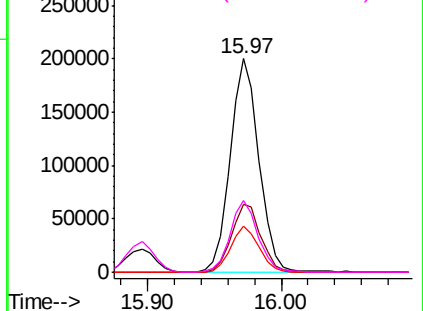
Abundance

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: 17.39 min Scan# 2434
Delta R.T. -0.00 min
Lab File: BG043511.D
Acq: 5 Nov 2019 17:11

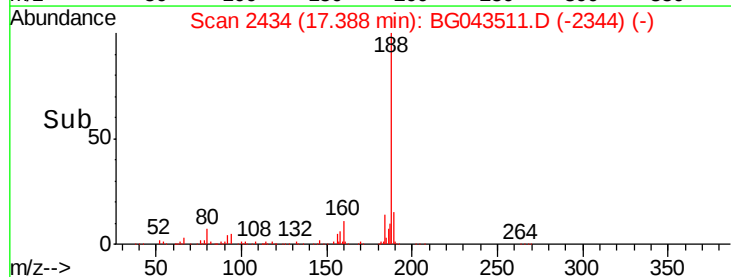
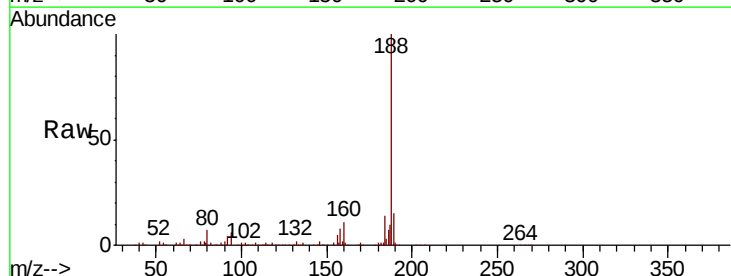
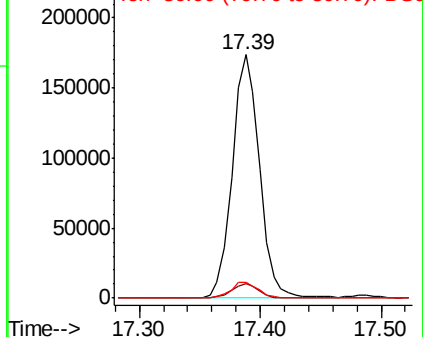
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		272635		
94	6.0	4.2	6.4		
80	6.7	4.5	6.7#		

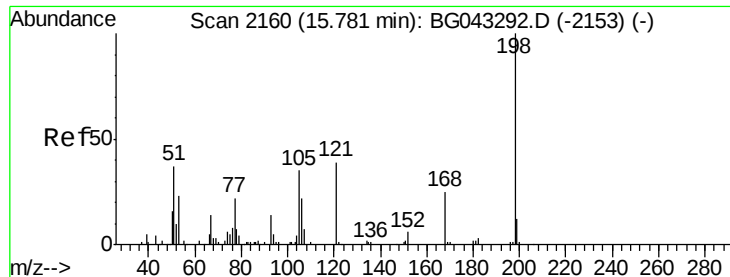
Abundance

Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 43.789 ng

RT: 15.77 min Scan# 2159

Delta R.T. -0.00 min

Lab File: BG043511.D

Acq: 5 Nov 2019 17:11

Instrument :

BNA_G

ClientSampleId :

SU-02-110119MS

Tot Ion:198 Resp: 70258

Ion Ratio Lower Upper

198 100

51 38.1 13.2 53.2

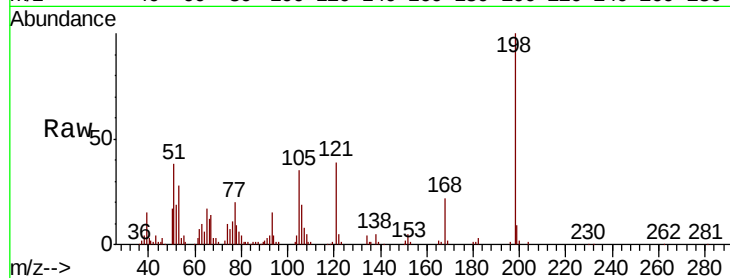
105 34.8 15.8 55.8

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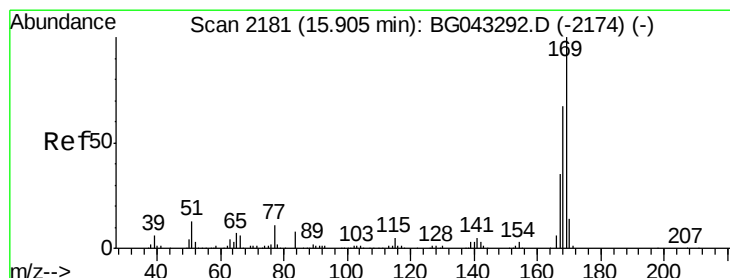
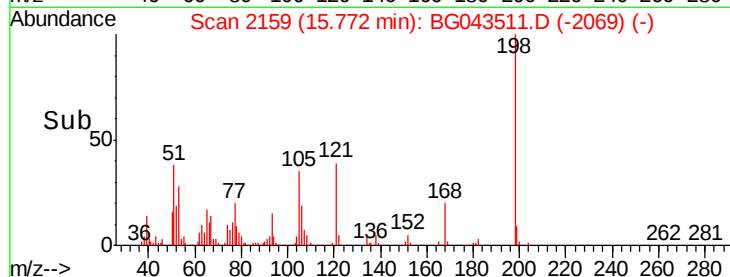
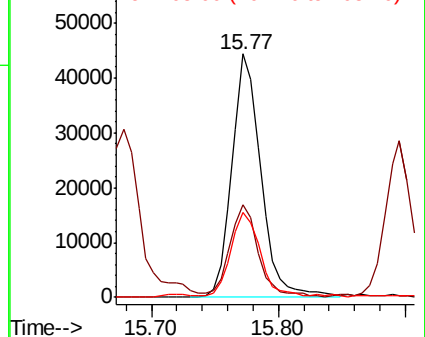
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 41.715 ng

RT: 15.90 min Scan# 2180

Delta R.T. 0.00 min

Lab File: BG043511.D

Acq: 5 Nov 2019 17:11

Tgt Ion:169 Resp: 321086

Ion Ratio Lower Upper

169 100

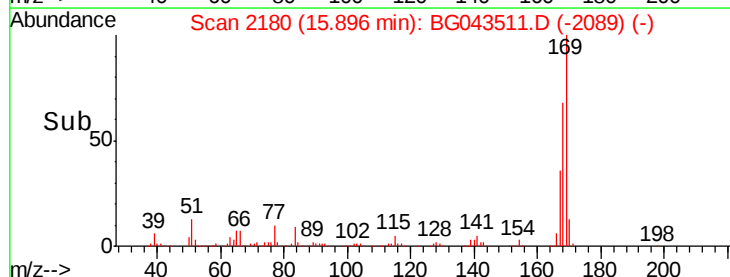
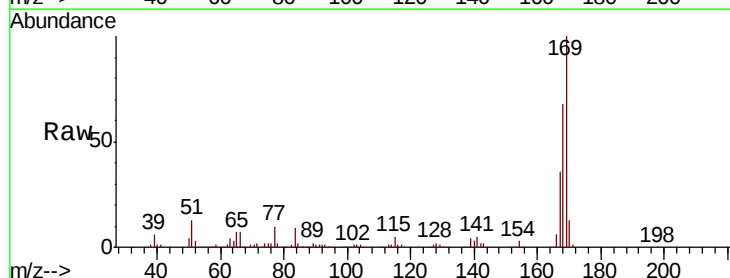
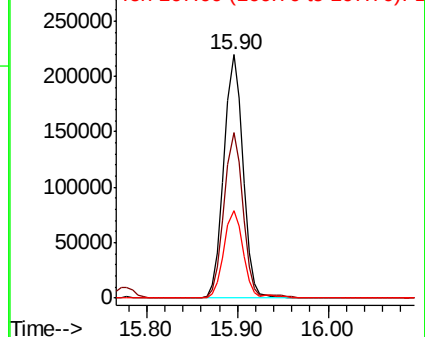
168 68.1 53.8 80.6

167 35.9 27.5 41.3

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





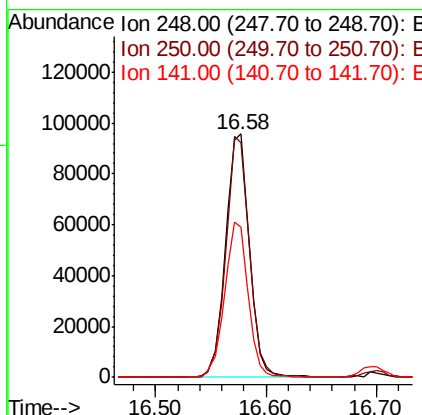
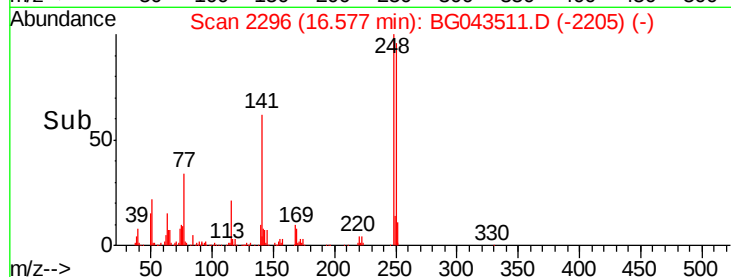
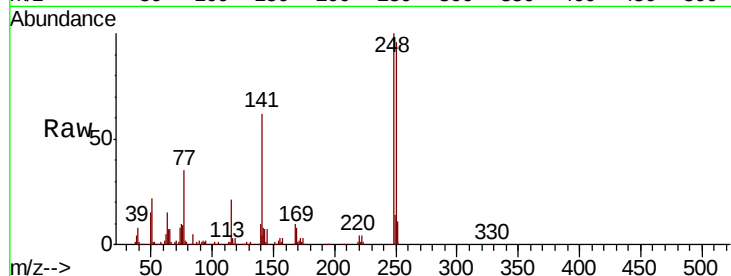
#67
4-Bromophenyl-phenylether
Concen: 39.480 ng
RT: 16.58 min Scan# 2296
Delta R.T. 0.00 min
Lab File: BG043511.D
Acq: 5 Nov 2019 17:11

Instrument :
BNA_G
ClientSampleId :
SU-02-110119MS

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.1	77.0	115.4
141	61.6	47.5	71.3

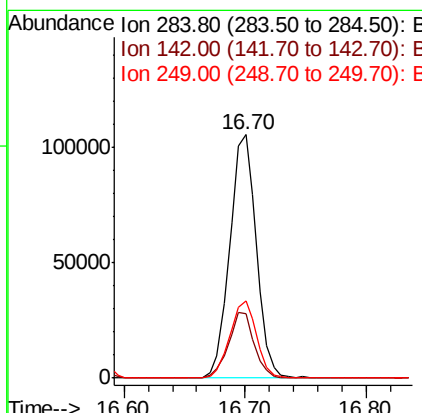
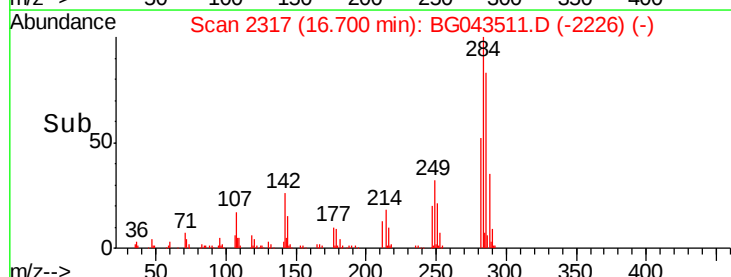
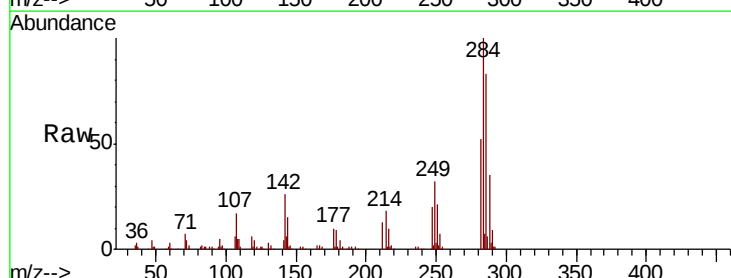
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#68
Hexachlorobenzene
Concen: 38.218 ng
RT: 16.70 min Scan# 2317
Delta R.T. 0.00 min
Lab File: BG043511.D
Acq: 5 Nov 2019 17:11

Tgt Ion	Ratio	Lower	Upper
284	100		
142	26.3	19.8	29.8
249	32.0	23.8	35.6





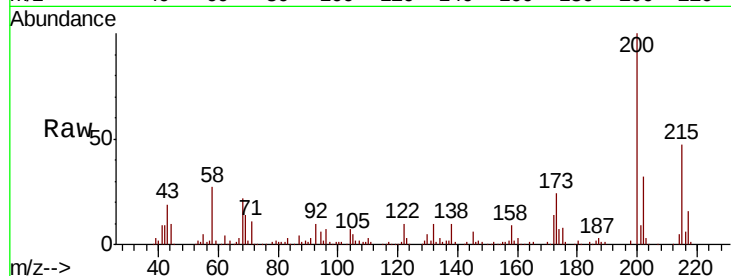
#69
 Atrazine
 Concen: 53.234 ng
 RT: 16.85 min Scan# 2342
 Delta R.T. 0.00 min
 Lab File: BG043511.D
 Acq: 5 Nov 2019 17:11

Instrument :
 BNA_G
 ClientSampleId :
 SU-02-110119MS

Tot Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	23.9	4.7	44.7
215	46.8	28.5	68.5

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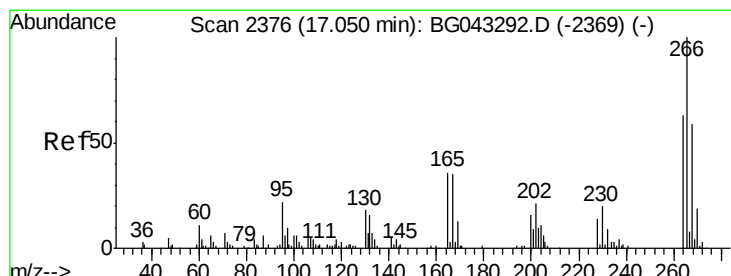
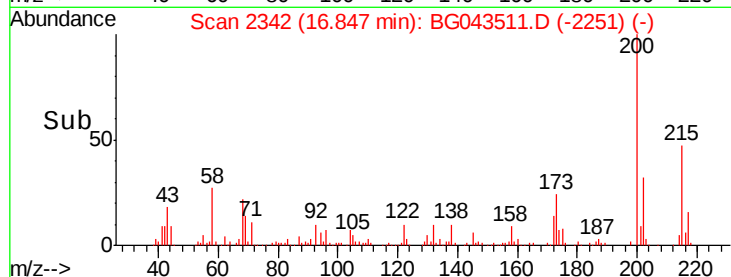
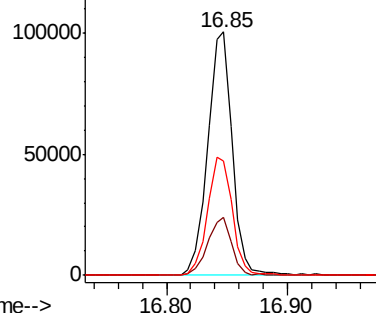


Abundance

Ion 200.00 (199.70 to 200.70): E

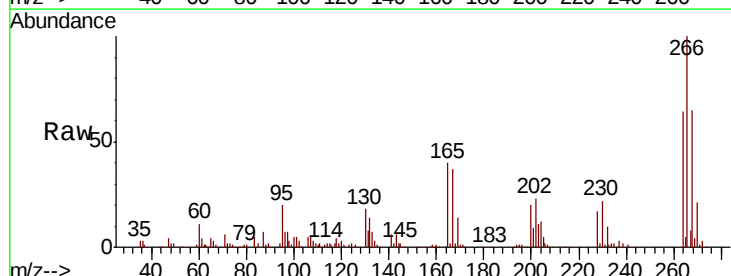
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
 Pentachlorophenol
 Concen: 91.006 ng
 RT: 17.05 min Scan# 2376
 Delta R.T. -0.00 min
 Lab File: BG043511.D
 Acq: 5 Nov 2019 17:11

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	65.3	50.4	75.6
264	64.3	48.9	73.3

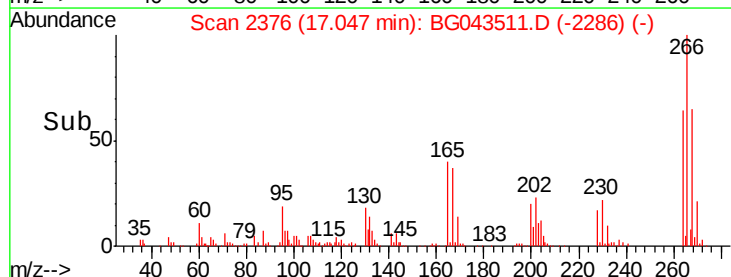
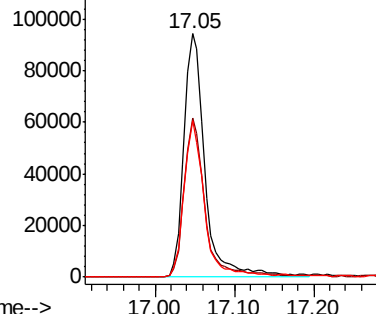


Abundance

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





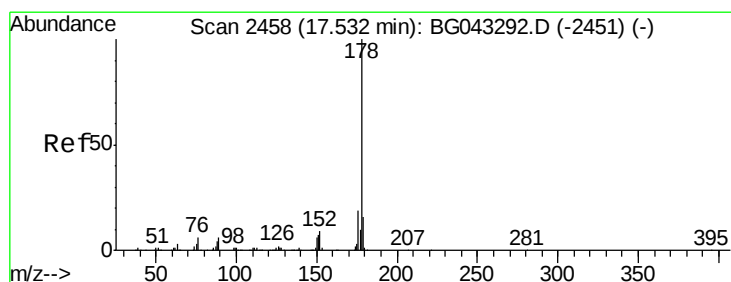
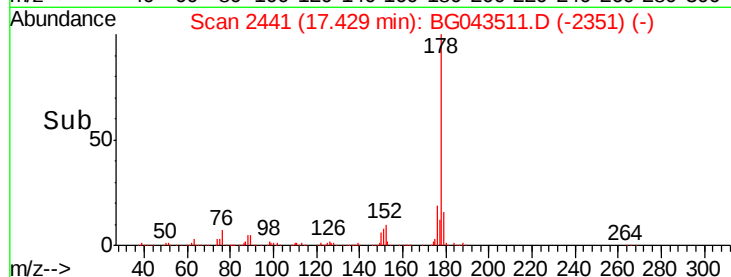
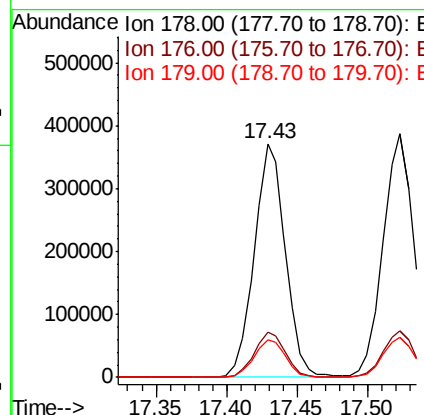
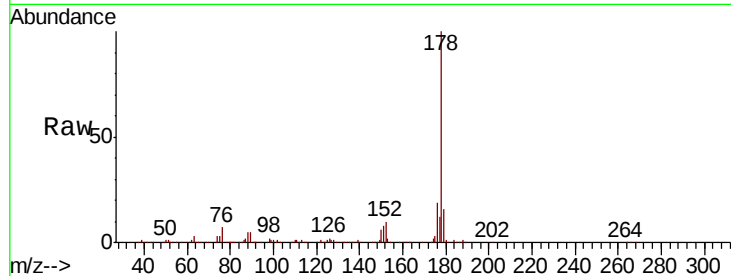
#71
Phenanthrene
Concen: 41.139 ng
RT: 17.43 min Scan# 2441
Delta R.T. -0.00 min
Lab File: BG043511.D
Acq: 5 Nov 2019 17:11

Instrument :
BNA_G
ClientSampleId :
SU-02-110119MS

Tot Ion	Ion	Ratio	Lower	Upper
178	100			
176	19.2	15.4	23.0	
179	15.9	13.0	19.6	

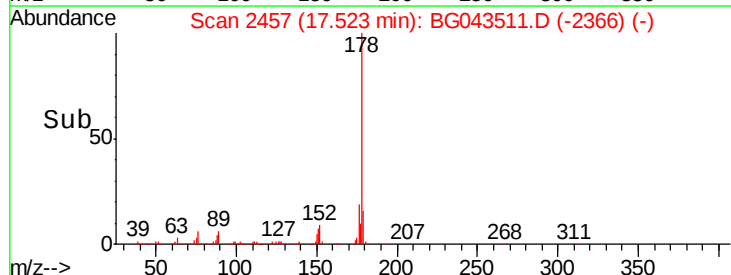
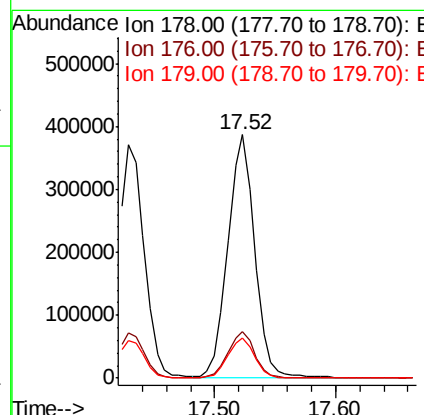
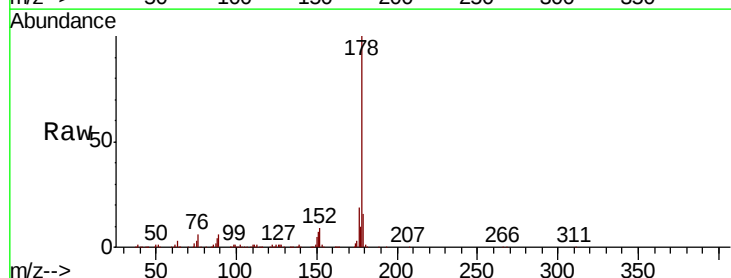
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#72
Anthracene
Concen: 42.605 ng
RT: 17.52 min Scan# 2457
Delta R.T. 0.00 min
Lab File: BG043511.D
Acq: 5 Nov 2019 17:11

Tgt Ion	Ion	Ratio	Lower	Upper
178	100			
176	19.0	15.5	23.3	
179	16.3	13.7	20.5	





#73

Carbazole

Concen: 43.046 ng

RT: 17.79 min Scan# 2503

Delta R.T. -0.00 min

Lab File: BG043511.D

Acq: 5 Nov 2019 17:11

Instrument :

BNA_G

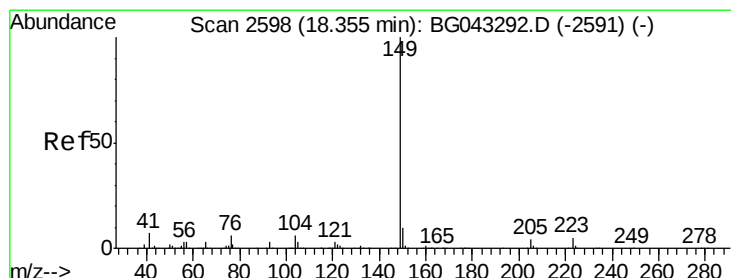
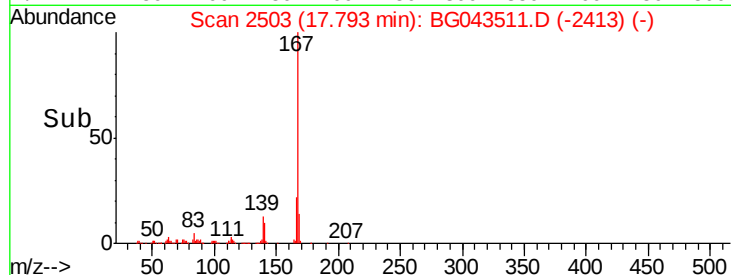
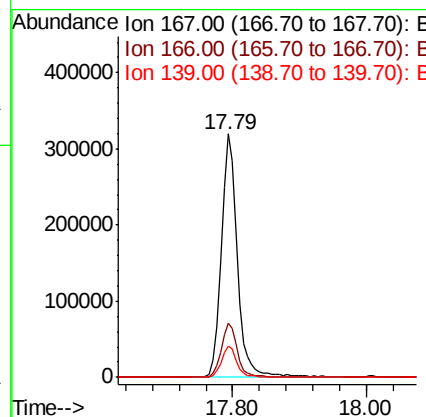
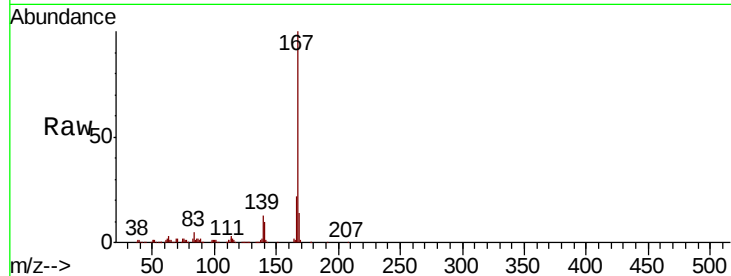
ClientSampleId :

SU-02-110119MS

Tot Ion:	167	Resp:	544505
Ion Ratio	Lower	Upper	
167	100		
166	22.4	18.7	28.1
139	12.6	10.0	15.0

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#74

Di-n-butylphthalate

Concen: 41.811 ng

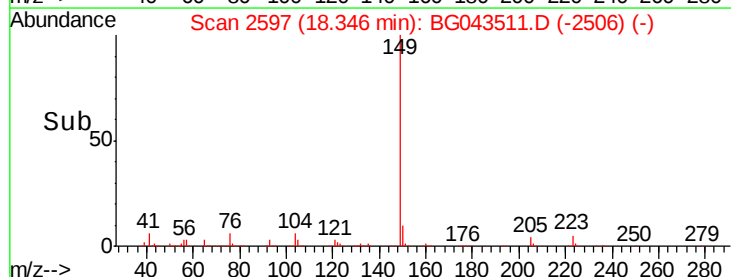
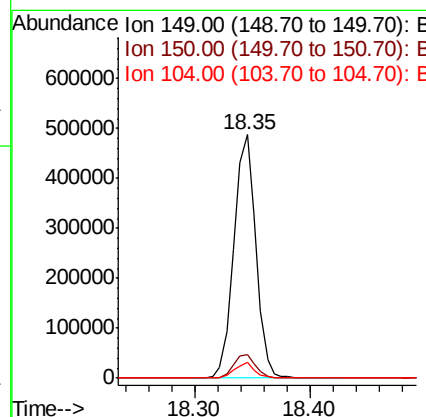
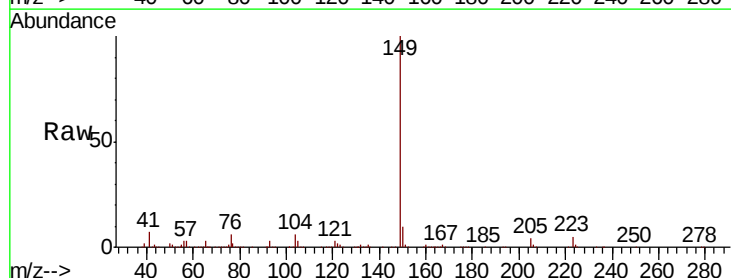
RT: 18.35 min Scan# 2597

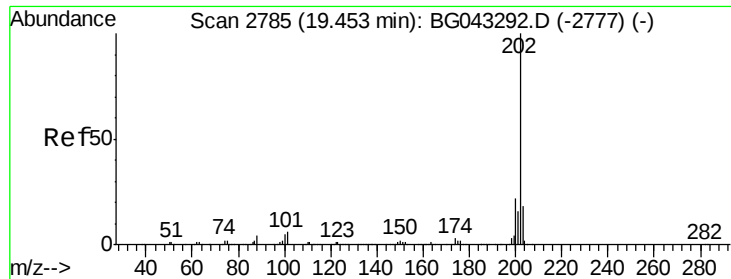
Delta R.T. 0.00 min

Lab File: BG043511.D

Acq: 5 Nov 2019 17:11

Tgt Ion:	149	Resp:	641719
Ion Ratio	Lower	Upper	
149	100		
150	9.6	8.0	12.0
104	6.2	4.4	6.6





#75

Fluoranthene

Concen: 42.377 ng

RT: 19.44 min Scan# 2783

Delta R.T. -0.00 min

Lab File: BG043511.D

Acq: 5 Nov 2019 17:11

Instrument :

BNA_G

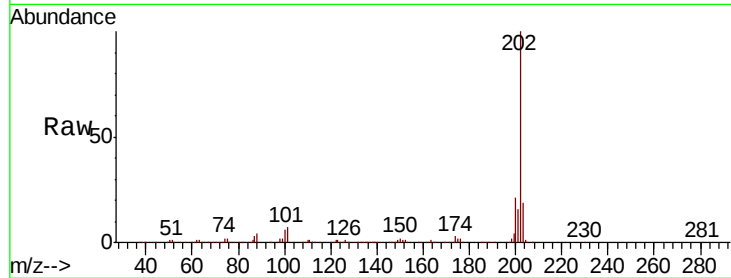
ClientSampleId :

SU-02-110119MS

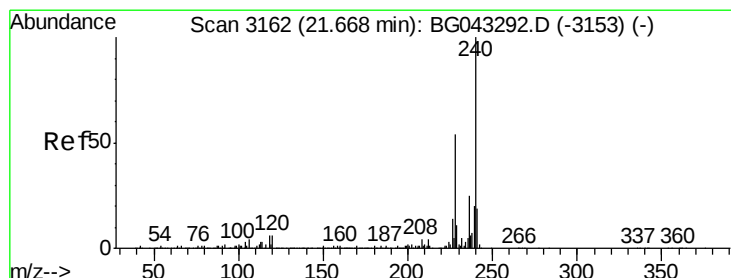
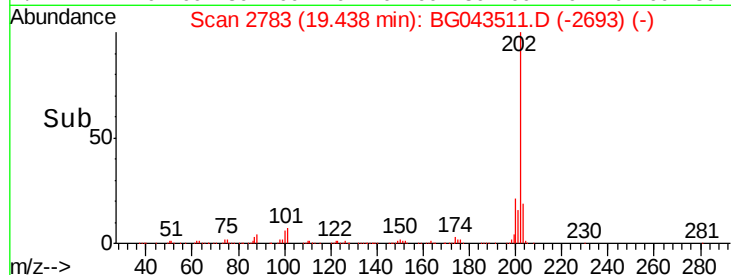
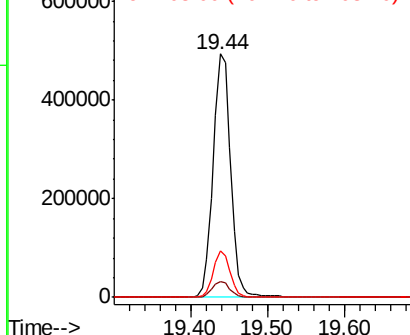
Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		771303		
101	6.7	0.0	26.3		
203	19.1	0.0	37.9		

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

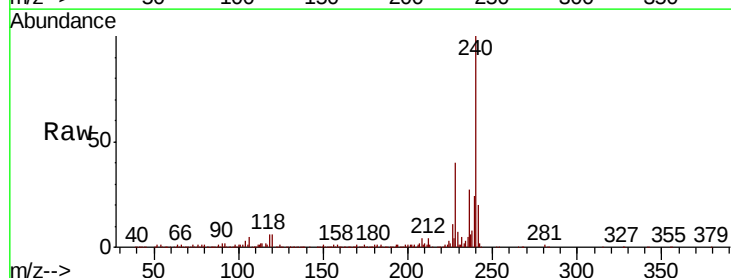
RT: 21.66 min Scan# 3161

Delta R.T. 0.00 min

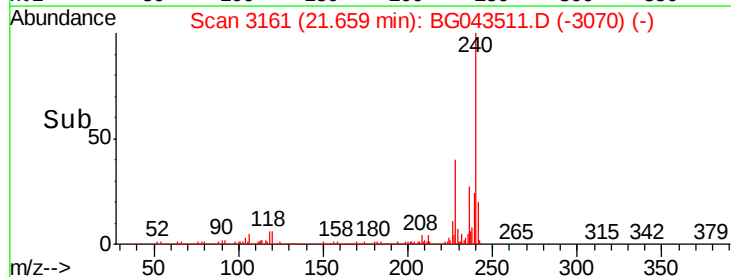
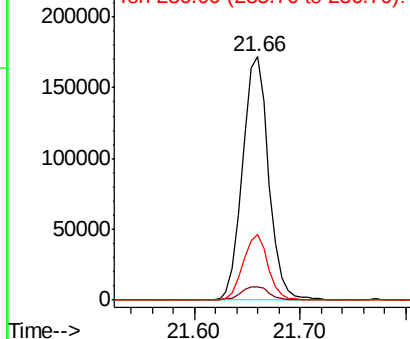
Lab File: BG043511.D

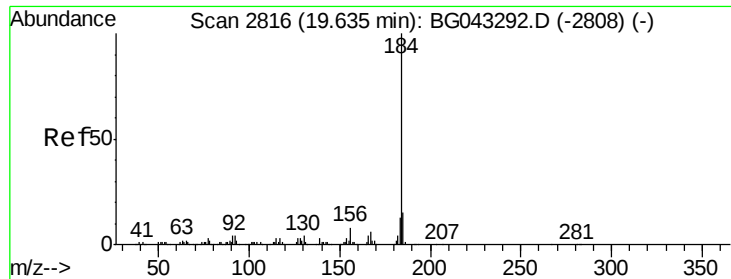
Acq: 5 Nov 2019 17:11

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
240	100		294070		
120	5.6	4.6	6.8		
236	26.7	19.8	29.8		



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 2.920 ng

RT: 19.63 min Scan# 2816

Delta R.T. 0.01 min

Lab File: BG043511.D

Acq: 5 Nov 2019 17:11

Instrument :

BNA_G

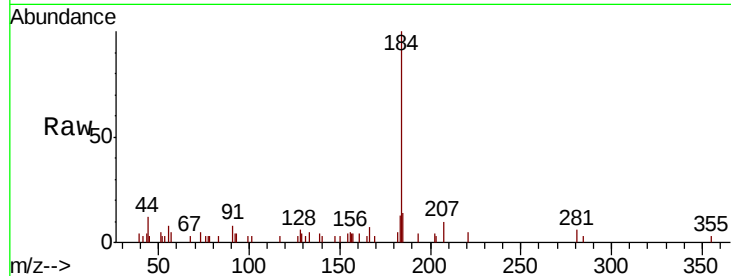
ClientSampleId :

SU-02-110119MS

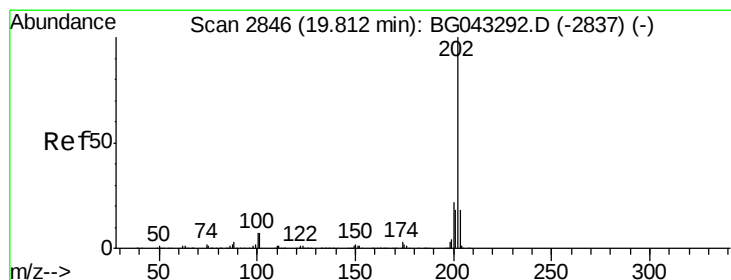
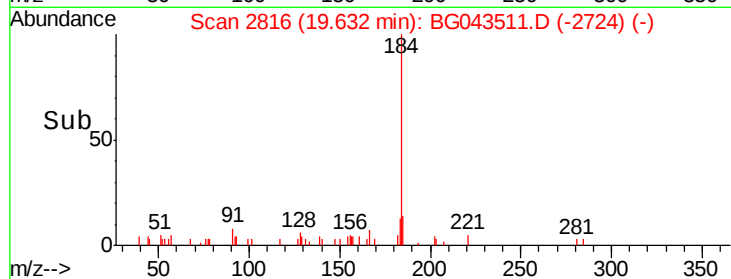
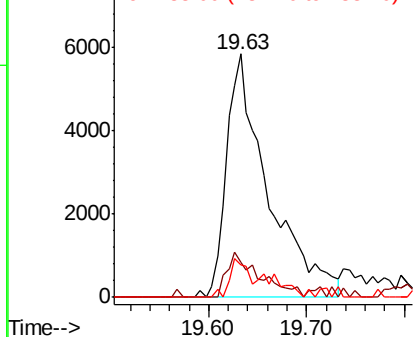
Tot Ion:	184	Resp:	17283
Ion Ratio	Lower	Upper	
184	100		
185	14.3	11.0	16.4
183	13.1	10.0	15.0

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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: 42.550 ng

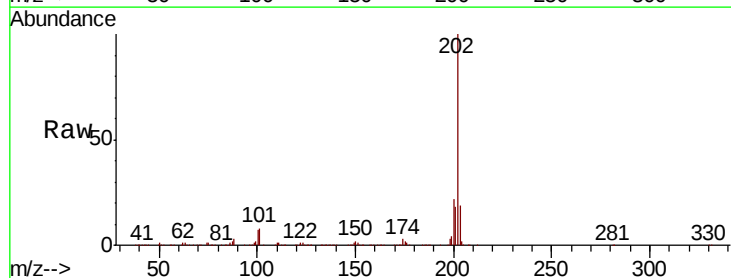
RT: 19.80 min Scan# 2845

Delta R.T. 0.00 min

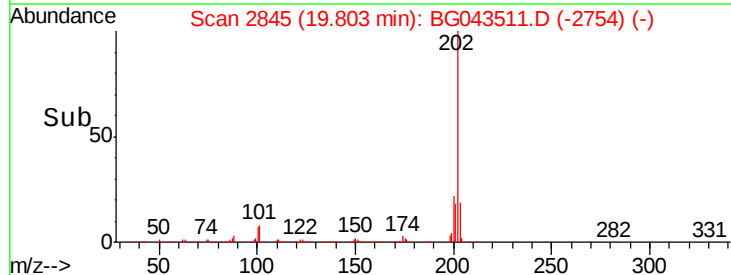
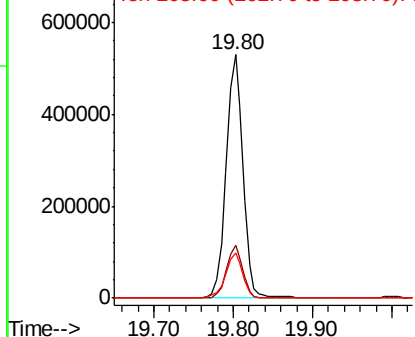
Lab File: BG043511.D

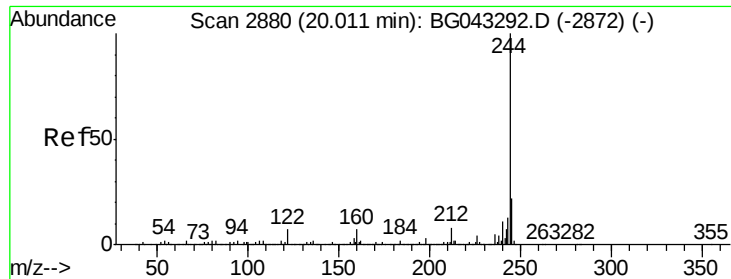
Acq: 5 Nov 2019 17:11

Tgt Ion:	202	Resp:	774522
Ion Ratio	Lower	Upper	
202	100		
200	21.7	17.0	25.4
203	18.6	14.7	22.1



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





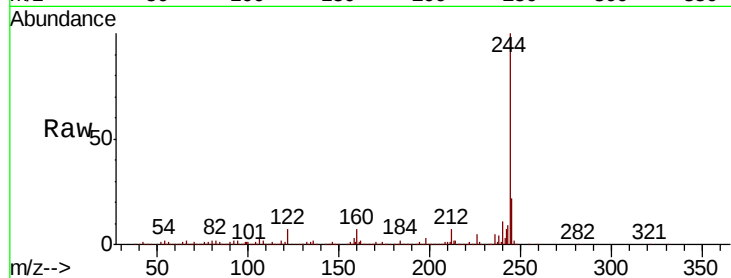
#79
Terphenyl-d14
Concen: 80.384 ng
RT: 20.00 min Scan# 2878
Delta R.T. -0.00 min
Lab File: BG043511.D
Acq: 5 Nov 2019 17:11

Instrument :
BNA_G
ClientSampleId :
SU-02-110119MS

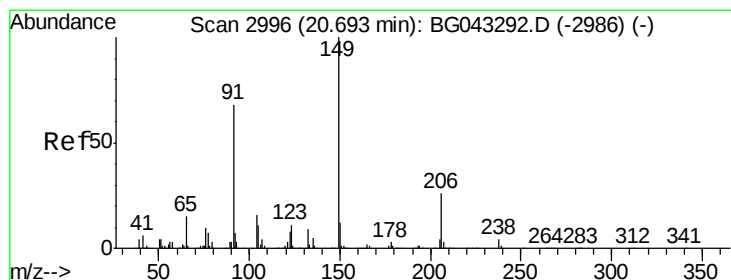
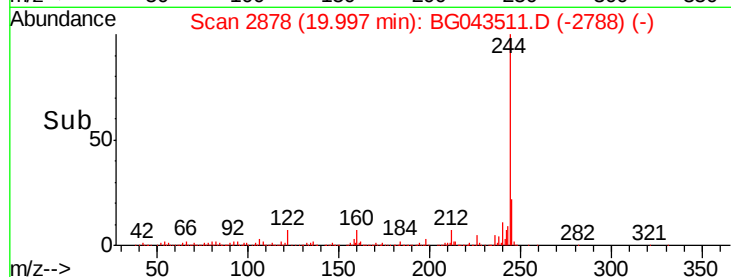
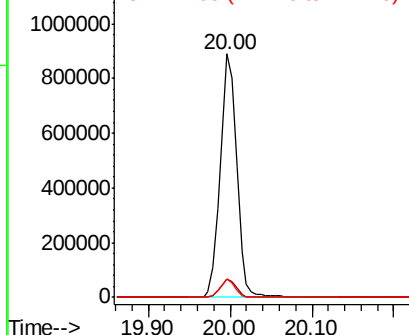
Tot Ion:244 Resp: 1260009
Ion Ratio Lower Upper
244 100
212 7.3 5.8 8.6
122 7.3 5.4 8.2

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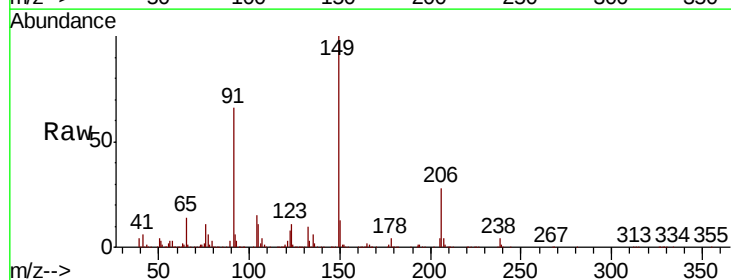


Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E

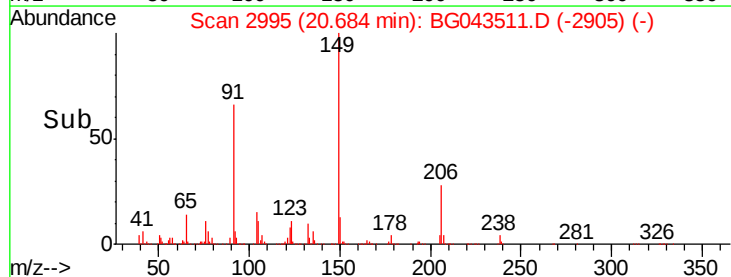
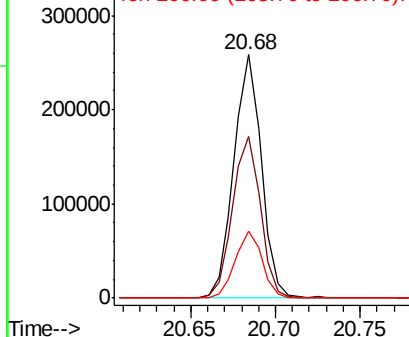


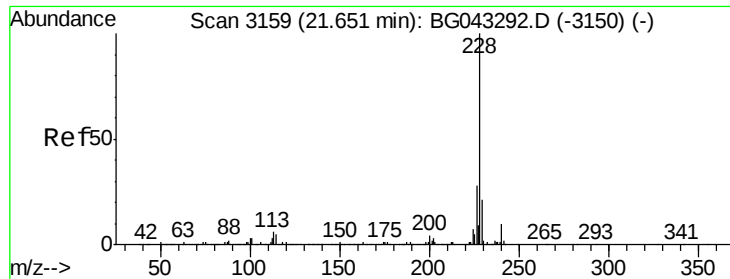
#80
Butylbenzylphthalate
Concen: 42.743 ng
RT: 20.68 min Scan# 2995
Delta R.T. -0.00 min
Lab File: BG043511.D
Acq: 5 Nov 2019 17:11

Tgt Ion:149 Resp: 294769
Ion Ratio Lower Upper
149 100
91 66.4 51.2 76.8
206 27.6 22.5 33.7



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





#81

Benzo(a)anthracene

Concen: 43.426 ng

RT: 21.64 min Scan# 3157

Delta R.T. -0.00 min

Lab File: BG043511.D

Acq: 5 Nov 2019 17:11

Instrument :

BNA_G

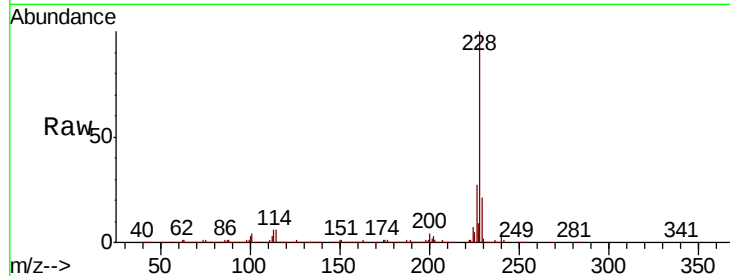
ClientSampleId :

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Tot Ion	Ion	Ratio	Resp	Lower	Upper
228	100		799928		
226	26.9		22.2	33.2	
229	20.6		17.0	25.4	

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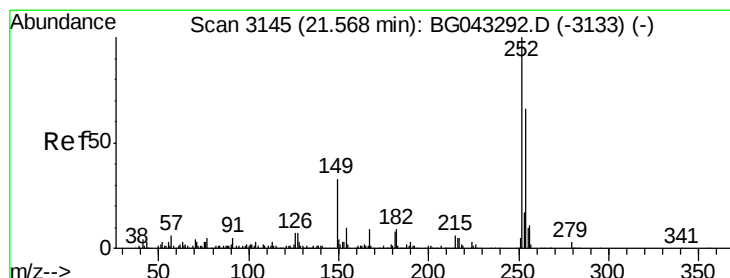
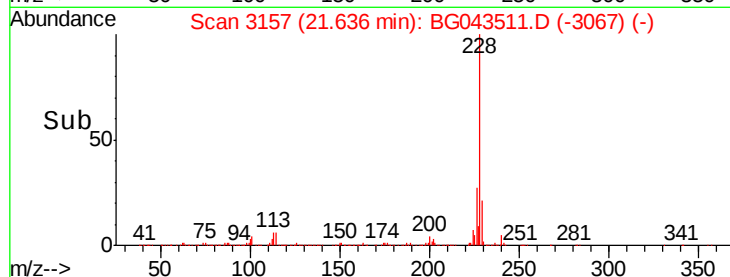
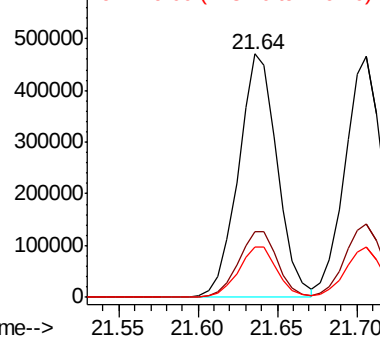


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 14.312 ng

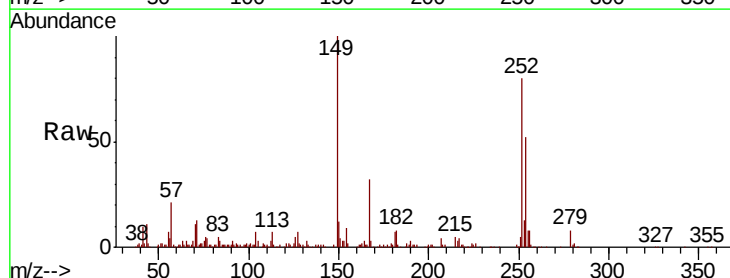
RT: 21.55 min Scan# 3143

Delta R.T. 0.00 min

Lab File: BG043511.D

Acq: 5 Nov 2019 17:11

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
252	100		101969		
254	64.7		50.8	76.2	
126	6.4		6.1	9.1	

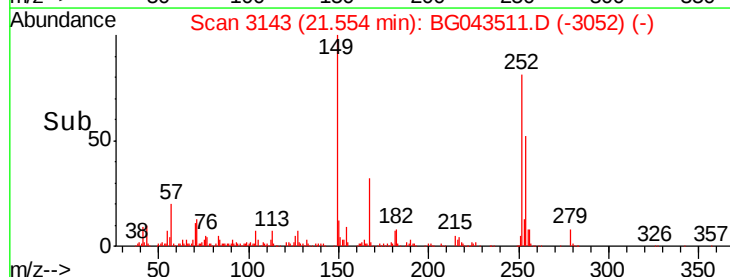
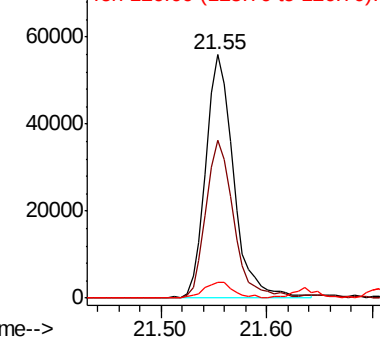


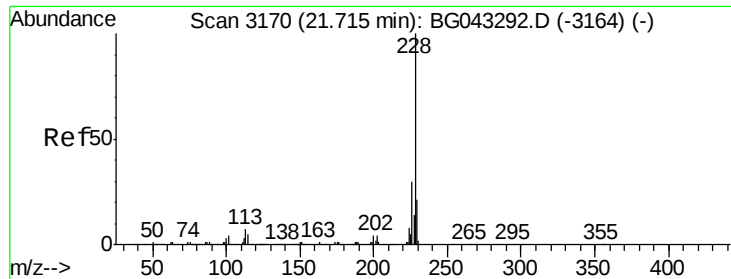
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 42.569 ng

RT: 21.71 min Scan# 3169

Delta R.T. 0.00 min

Lab File: BG043511.D

Acq: 5 Nov 2019 17:11

Instrument :

BNA_G

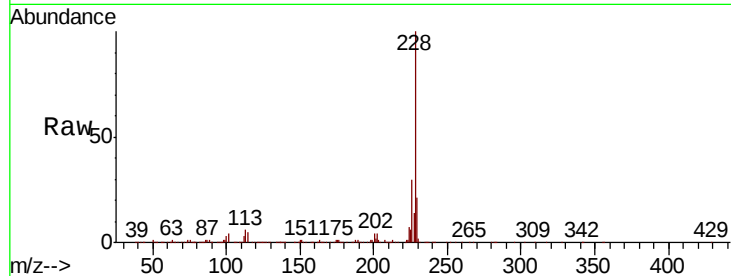
ClientSampleId :

SU-02-110119MS

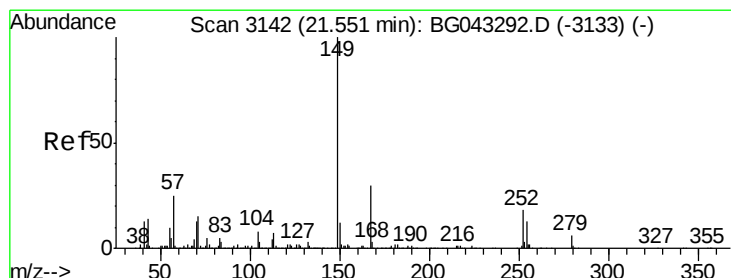
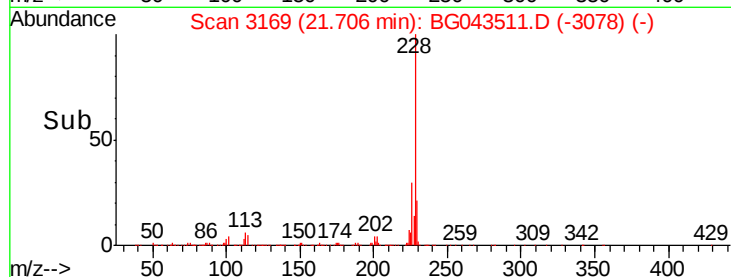
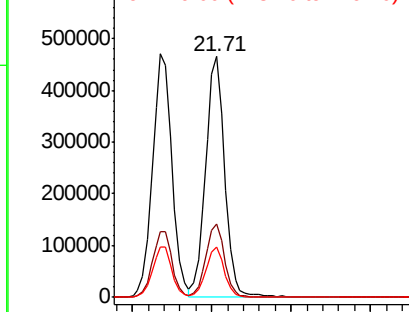
Tot Ion:	228	Resp:	779089
Ion Ratio	Lower	Upper	
228	100		
226	30.4	25.1	37.7
229	21.1	17.0	25.4

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



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.843 ng

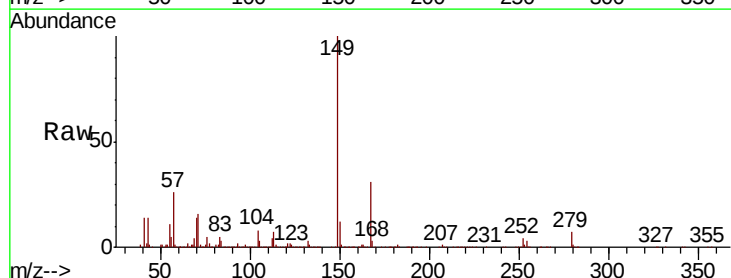
RT: 21.54 min Scan# 3140

Delta R.T. -0.00 min

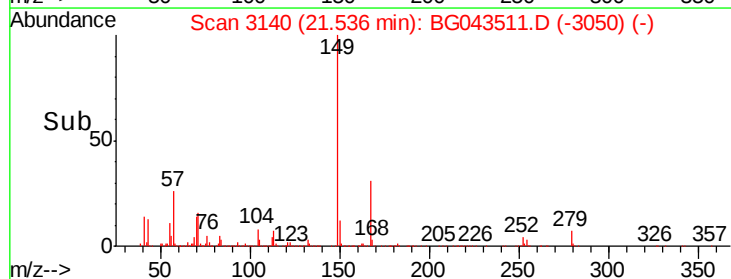
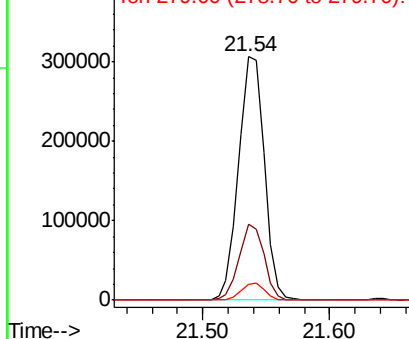
Lab File: BG043511.D

Acq: 5 Nov 2019 17:11

Tgt Ion:	149	Resp:	429497
Ion Ratio	Lower	Upper	
149	100		
167	31.4	24.0	36.0
279	6.7	5.4	8.2



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 45.089 ng

RT: 22.73 min Scan# 3344

Delta R.T. -0.00 min

Lab File: BG043511.D

Acq: 5 Nov 2019 17:11

Instrument :

BNA_G

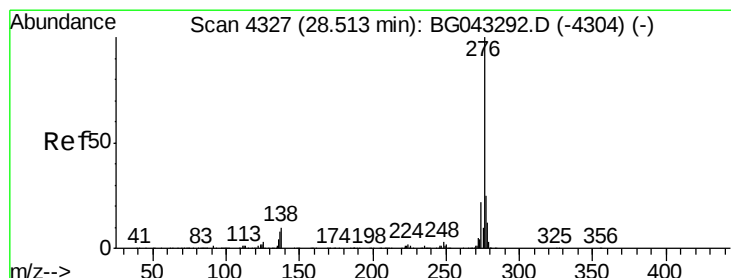
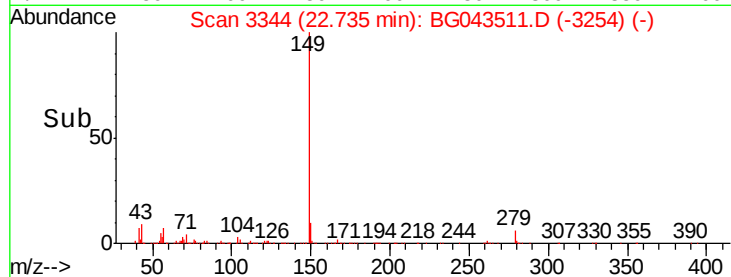
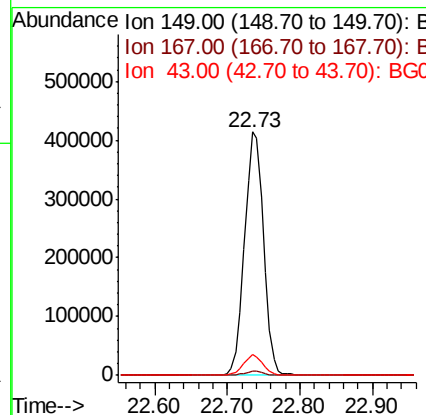
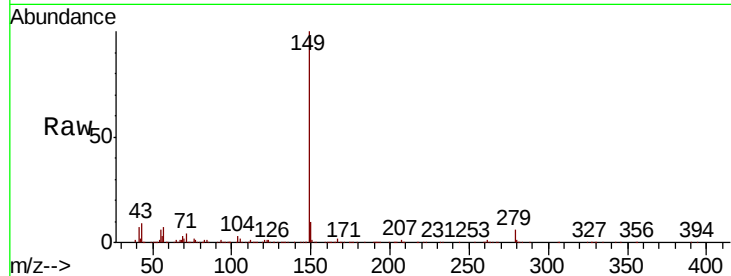
ClientSampleId :

SU-02-110119MS

Tot Ion:	149	Resp:	749385
Ion Ratio	Lower	Upper	
149	100		
167	1.7	1.4	2.2
43	8.4	7.0	10.6

Manual Integrations
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#86

Indeno(1,2,3-cd)pyrene

Concen: 45.163 ng

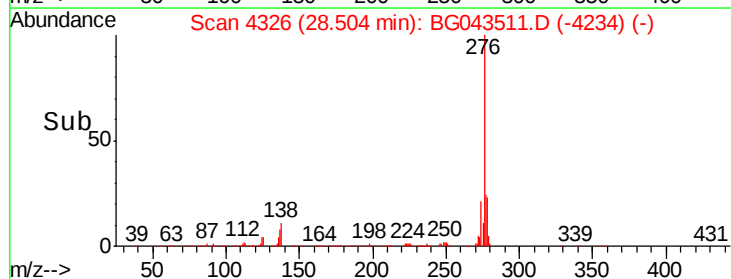
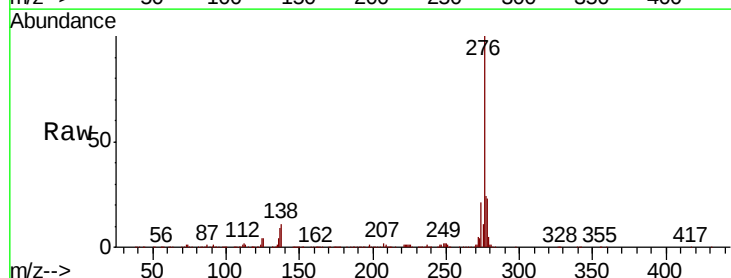
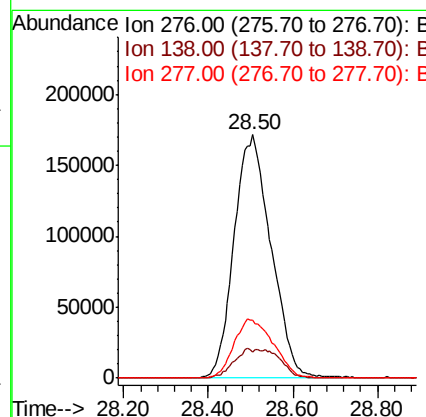
RT: 28.50 min Scan# 4326

Delta R.T. 0.01 min

Lab File: BG043511.D

Acq: 5 Nov 2019 17:11

Tgt Ion:	276	Resp:	1037549
Ion Ratio	Lower	Upper	
276	100		
138	6.2	6.8	10.2#
277	25.9	20.9	31.3





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.85 min Scan# 3704

Delta R.T. -0.00 min

Lab File: BG043511.D

Acq: 5 Nov 2019 17:11

Instrument :

BNA_G

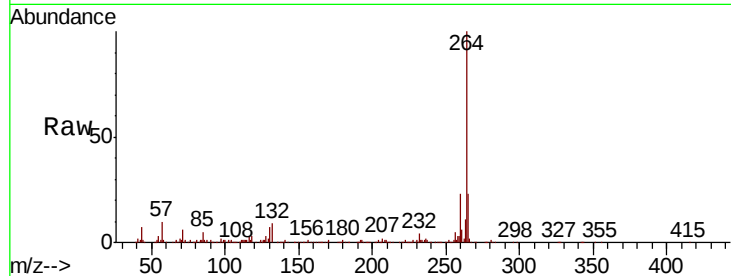
ClientSampleId :

SU-02-110119MS

Tot Ion:	264	Resp:	347605
Ion Ratio	Lower	Upper	
264	100		
260	23.3	17.5	26.3
265	22.8	17.4	26.0

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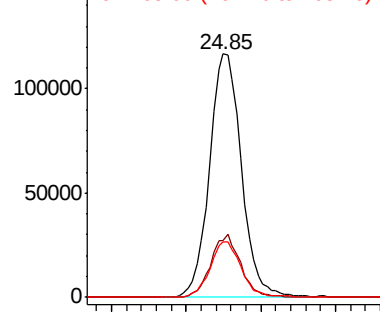


Abundance

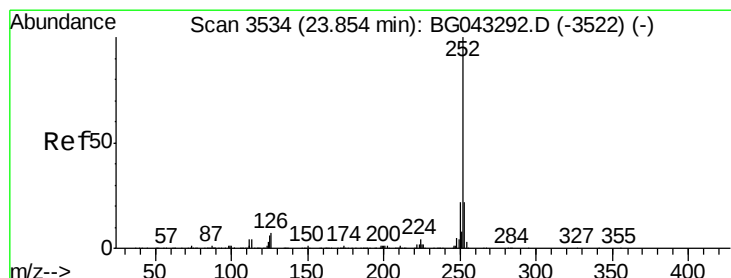
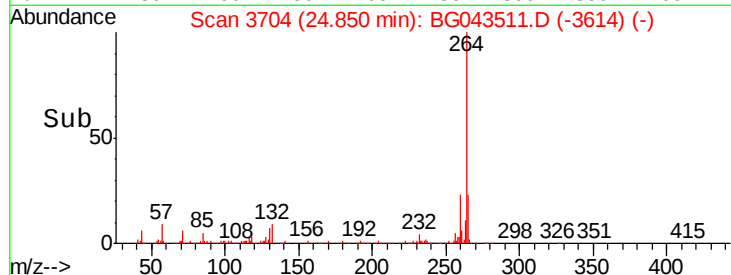
Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



Time-->



#88

Benzo(b)fluoranthene

Concen: 43.469 ng

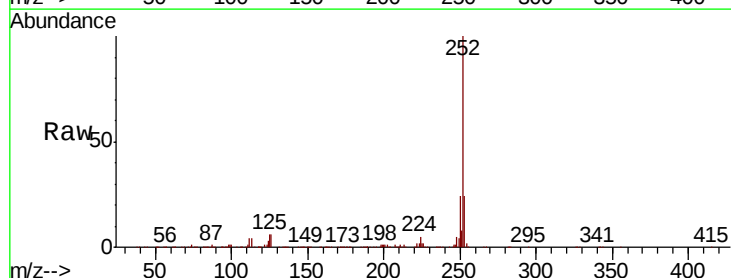
RT: 23.84 min Scan# 3532

Delta R.T. -0.00 min

Lab File: BG043511.D

Acq: 5 Nov 2019 17:11

Tgt Ion:	252	Resp:	855779
Ion Ratio	Lower	Upper	
252	100		
253	23.8	17.7	26.5
125	5.6	4.5	6.7

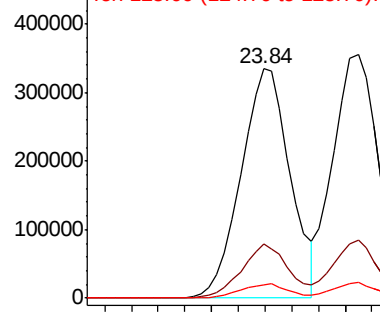


Abundance

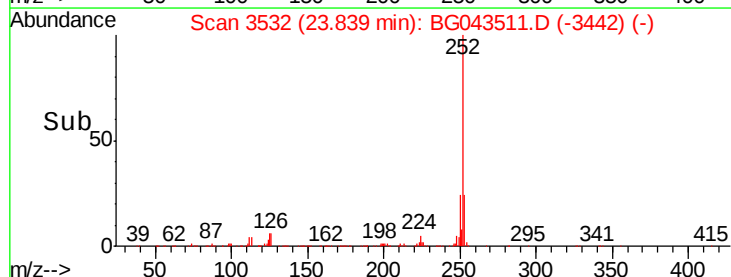
Ion 252.00 (251.70 to 252.70): E

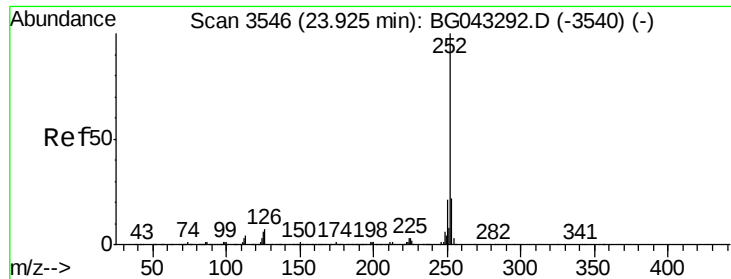
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



Time-->





#89

Benzo(k)fluoranthene

Concen: 42.765 ng

RT: 23.91 min Scan# 3544

Delta R.T. 0.00 min

Lab File: BG043511.D

Acq: 5 Nov 2019 17:11

Instrument :

BNA_G

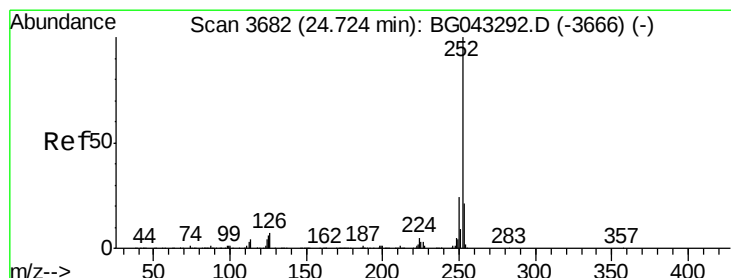
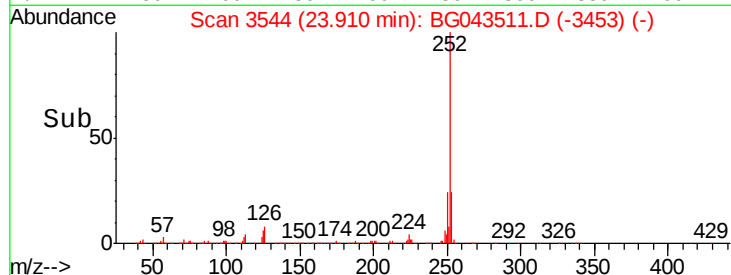
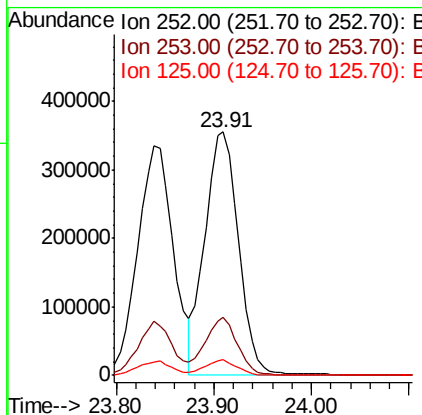
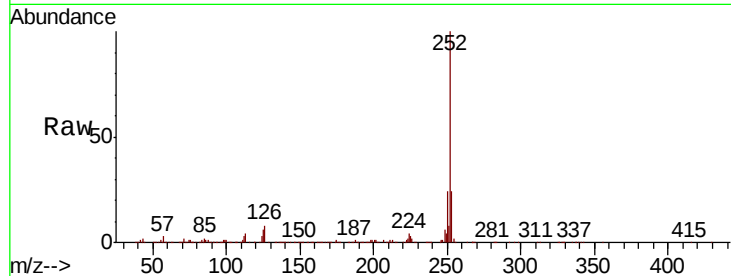
ClientSampleId :

SU-02-110119MS

Tot Ion:	252	Resp:	847572
Ion Ratio	Lower	Upper	
252	100		
253	23.7	17.3	25.9
125	6.3	4.6	6.8

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#90

Benzo(a)pyrene

Concen: 42.064 ng

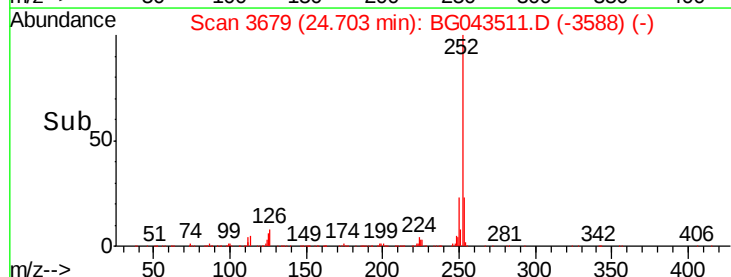
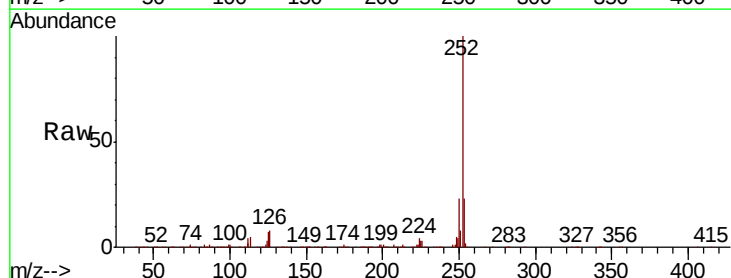
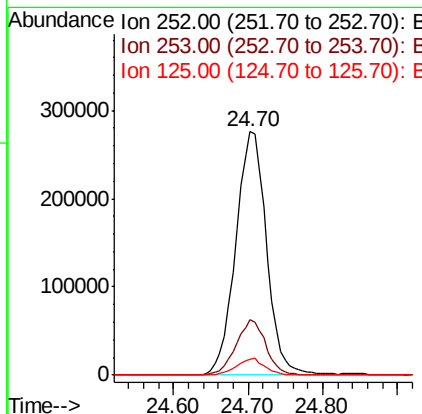
RT: 24.70 min Scan# 3679

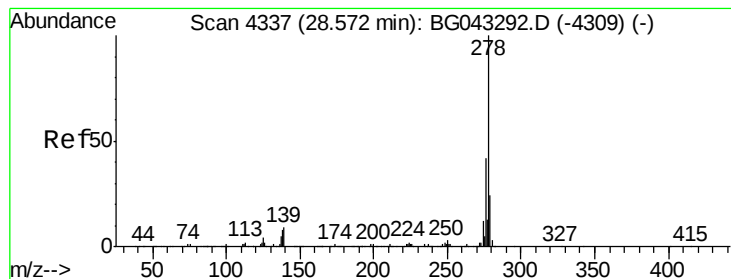
Delta R.T. 0.00 min

Lab File: BG043511.D

Acq: 5 Nov 2019 17:11

Tgt Ion:	252	Resp:	790795
Ion Ratio	Lower	Upper	
252	100		
253	22.9	17.8	26.8
125	6.5	5.4	8.2





#91

Dibenzo(a,h)anthracene

Concen: 45.855 ng

RT: 28.56 min Scan# 4335

Delta R.T. 0.00 min

Lab File: BG043511.D

Acq: 5 Nov 2019 17:11

Instrument :

BNA_G

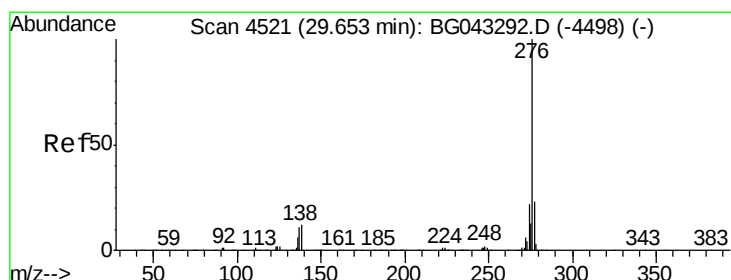
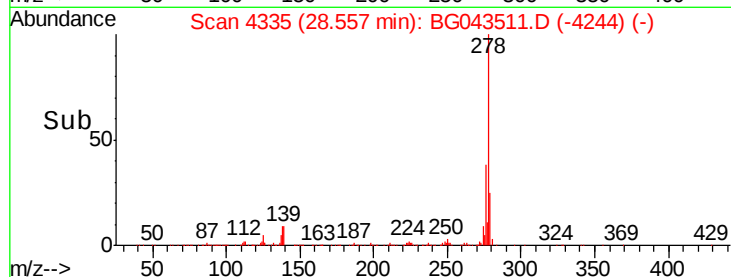
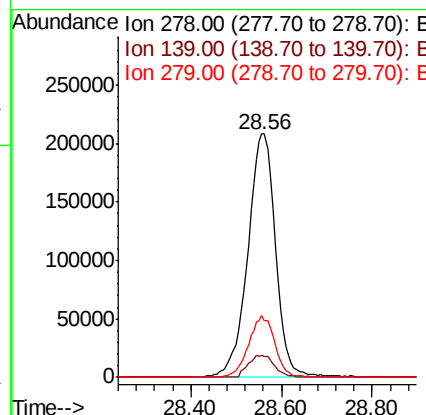
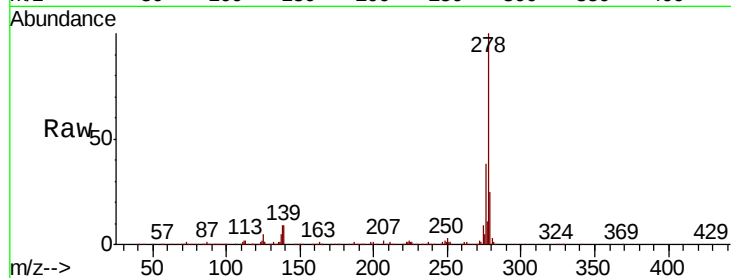
ClientSampleId :

SU-02-110119MS

Tot Ion:	278	Resp:	881775
Ion Ratio	Lower	Upper	
278	100		
139	9.0	7.4	11.0
279	25.2	19.1	28.7

Manual Integrations
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#92

Benzo(g,h,i)perylene

Concen: 45.816 ng

RT: 29.64 min Scan# 4520

Delta R.T. 0.01 min

Lab File: BG043511.D

Acq: 5 Nov 2019 17:11

Tgt Ion:	276	Resp:	869032
Ion Ratio	Lower	Upper	
276	100		
277	23.2	18.9	28.3
138	12.2	8.9	13.3

