

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110819\
 Data File : BG043580.D
 Acq On : 8 Nov 2019 21:54
 Operator : JU
 Sample : K5742-11MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-38-(2-4)MS

Manual Integrations
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mohammad
 11/11/2019 4:52:02 PM

Quant Time: Nov 11 03:46:50 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	8.00	152	25098	20.00	ng	0.00
21) Naphthalene-d8	10.81	136	97933	20.00	ng	0.00
39) Acenaphthene-d10	14.63	164	72177	20.00	ng	0.00
64) Phenanthrene-d10	17.38	188	185048	20.00	ng	0.00
76) Chrysene-d12	21.65	240	193941	20.00	ng	0.00
87) Perylene-d12	24.84	264	225877	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.60	112	189267	138.19	ng	0.00
7) Phenol-d6	7.21	99	270781	137.41	ng	0.00
23) Nitrobenzene-d5	9.17	82	160569	84.53	ng	0.00
42) 2,4,6-Tribromophenol	16.13	330	179955	131.02	ng	0.00
45) 2-Fluorobiphenyl	13.26	172	422751	80.93	ng	0.00
79) Terphenyl-d14	19.99	244	889175	86.01	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.46	88	21646	40.555	ng	97
3) Pyridine	3.86	79	53876	40.015	ng	95
4) n-Nitrosodimethylamine	3.78	42	34290	50.471	ng	# 95
6) Aniline	7.34	93	45611	20.093	ng	93
8) 2-Chlorophenol	7.58	128	75996	50.264	ng	99
9) Benzaldehyde	7.14	77	35879	37.048	ng	96
10) Phenol	7.23	94	104060	57.788	ng	97
11) bis(2-Chloroethyl)ether	7.42	93	58868	42.284	ng	97
12) 1,3-Dichlorobenzene	7.89	146	85386	45.075	ng	99
13) 1,4-Dichlorobenzene	8.04	146	84381	44.027	ng	95
14) 1,2-Dichlorobenzene	8.36	146	82433	44.050	ng	96
15) Benzyl Alcohol	8.25	79	65340	47.213	ng	93
16) 2,2'-oxybis(1-Chloropropan	8.53	45	83919	41.454	ng	98
17) 2-Methylphenol	8.48	107	62029	47.252	ng	95
18) Hexachloroethane	9.09	117	30488	44.091	ng	98
19) n-Nitroso-di-n-propylamine	8.80	70	53776	42.232	ng	96
20) 3+4-Methylphenols	8.80	107	86087	47.824	ng	89
22) Acetophenone	8.83	105	108020	43.071	ng	# 94
24) Nitrobenzene	9.21	77	85734	47.378	ng	# 97
25) Isophorone	9.73	82	153452	44.184	ng	100
26) 2-Nitrophenol	9.93	139	44077	50.452	ng	# 94
27) 2,4-Dimethylphenol	10.00	122	72471	57.877	ng	93
28) bis(2-Chloroethoxy)methane	10.21	93	83796	43.716	ng	94
29) 2,4-Dichlorophenol	10.48	162	79297	49.426	ng	90
30) 1,2,4-Trichlorobenzene	10.67	180	87552	43.298	ng	98
31) Naphthalene	10.86	128	232790	46.829	ng	100
32) Benzoic acid	10.19	122	38868	42.038	ng	95
33) 4-Chloroaniline	10.99	127	26712	13.109	ng	97
34) Hexachlorobutadiene	11.14	225	62249	41.645	ng	98
35) Caprolactam	11.74	113	26968m	48.807	ng	
36) 4-Chloro-3-methylphenol	12.12	107	88052	50.315	ng	93
37) 2-Methylnaphthalene	12.46	142	179272	47.001	ng	97
38) 1-Methylnaphthalene	12.68	142	171540	47.268	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.83	216	117108	43.841	ng	98

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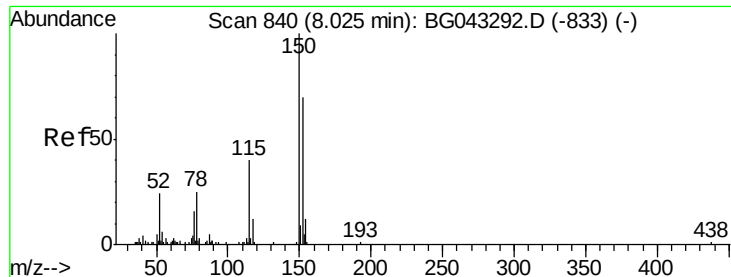
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Quant Time: Nov 11 03:46:50 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.81	237	102039	72.720	nq	97
43) 2,4,6-Trichlorophenol	13.08	196	75358	47.905	nq	96
44) 2,4,5-Trichlorophenol	13.17	196	79863	50.217	nq	97
46) 1,1'-Biphenyl	13.47	154	241761	44.030	nq	98
47) 2-Chloronaphthalene	13.51	162	188429	45.102	nq	98
48) 2-Nitroaniline	13.72	65	59881	47.956	nq	94
49) Acenaphthylene	14.36	152	316160	48.624	nq	100
50) Dimethylphthalate	14.09	163	300222	53.701	nq	98
51) 2,6-Dinitrotoluene	14.21	165	58111	47.846	nq	99
52) Acenaphthene	14.70	154	188745	47.600	nq	96
53) 3-Nitroaniline	14.55	138	27120	23.128	nq	96
54) 2,4-Dinitrophenol	14.76	184	50196	67.442	nq	90
55) Dibenzofuran	15.03	168	309202	48.085	nq	99
56) 4-Nitrophenol	14.90	139	84034	106.939	nq	93
57) 2,4-Dinitrotoluene	15.00	165	86924	50.079	nq	# 97
58) Fluorene	15.68	166	262510	48.674	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.27	232	80866	47.859	nq	92
60) Diethylphthalate	15.45	149	256106	45.592	nq	98
61) 4-Chlorophenyl-phenylether	15.67	204	148255	47.121	nq	99
62) 4-Nitroaniline	15.71	138	56887	46.974	nq	94
63) Azobenzene	15.97	77	225358	49.570	nq	98
65) 4,6-Dinitro-2-methylphenol	15.77	198	46893	43.060	nq	94
66) n-Nitrosodiphenylamine	15.89	169	234659	44.916	nq	97
67) 4-Bromophenyl-phenylether	16.57	248	109060	43.793	nq	97
68) Hexachlorobenzene	16.70	284	120517	42.160	nq	98
69) Atrazine	16.84	200	105117	57.904	nq	99
70) Pentachlorophenol	17.04	266	112198	86.137	nq	98
71) Phenanthrene	17.42	178	436148	46.027	nq	99
72) Anthracene	17.52	178	460224	48.543	nq	98
73) Carbazole	17.79	167	406458	47.342	nq	98
74) Di-n-butylphthalate	18.34	149	477267	45.815	nq	98
75) Fluoranthene	19.43	202	578018	46.789	nq	99
77) Benzdine	19.62	184	162645	41.670	nq	98
78) Pyrene	19.80	202	583371	48.595	nq	99
80) Butylbenzylphthalate	20.68	149	211405	46.482	nq	97
81) Benzo(a)anthracene	21.63	228	581649	47.879	nq	99
82) 3,3'-Dichlorobenzidine	21.55	252	115896	24.665	nq	99
83) Chrysene	21.70	228	568626	47.110	nq	99
84) Bis(2-ethylhexyl)phthalate	21.53	149	303896	47.038	nq	99
85) Di-n-octyl phthalate	22.72	149	528504	48.217	nq	100
86) Indeno(1,2,3-cd)pyrene	28.48	276	739334	48.797	nq	99
88) Benzo(b)fluoranthene	23.83	252	600336	46.927	nq	99
89) Benzo(k)fluoranthene	23.89	252	626297	48.630	nq	100
90) Benzo(a)pyrene	24.69	252	573172	46.918	nq	99
91) Dibenzo(a,h)anthracene	28.53	278	626145	50.110	nq	98
92) Benzo(g,h,i)perylene	29.62	276	616243	49.997	nq	99

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



#1

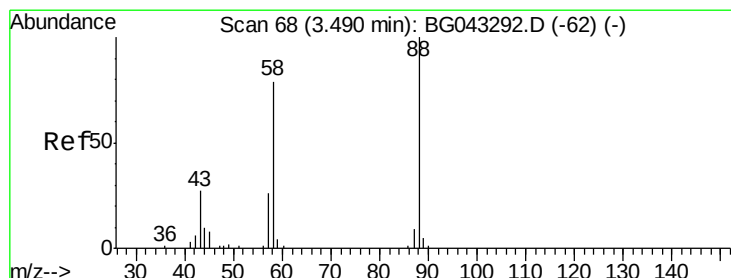
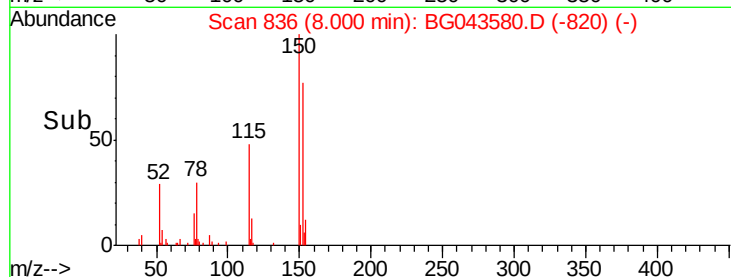
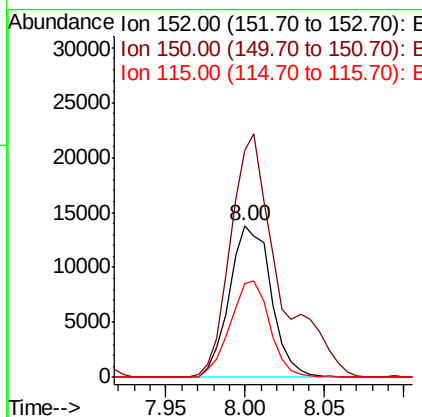
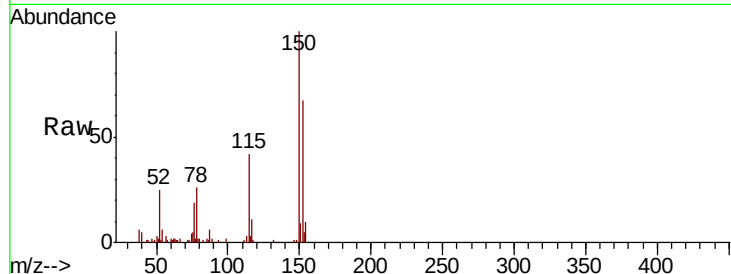
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 836
Delta R.T. -0.01 min
Lab File: BG043580.D
Acq: 8 Nov 2019 21:54

Instrument :
BNA_G
ClientSampleId :
SB-38-(2-4)MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	149.2	129.4	194.0
115	61.9	48.8	73.2

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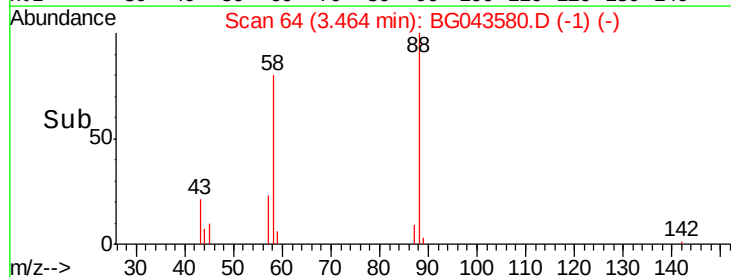
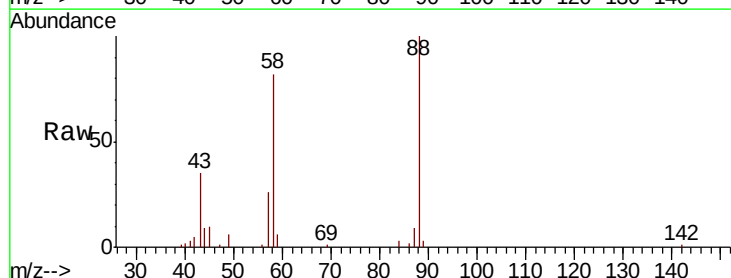
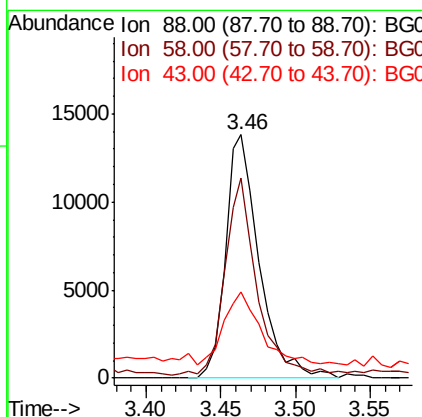
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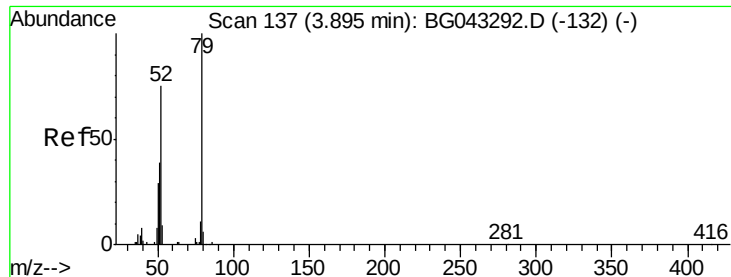


#2

1,4-Dioxane
Concen: 40.555 ng
RT: 3.46 min Scan# 64
Delta R.T. -0.01 min
Lab File: BG043580.D
Acq: 8 Nov 2019 21:54

Tgt Ion	Ratio	Lower	Upper
88	100		
58	76.9	62.7	94.1
43	33.4	23.7	35.5





#3

Pvridine

Concen: 40.015 ng

RT: 3.86 min Scan# 132

Delta R.T. -0.01 min

Lab File: BG043580.D

Acq: 8 Nov 2019 21:54

Instrument :

BNA_G

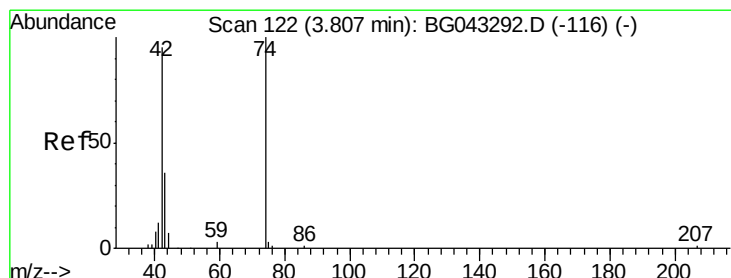
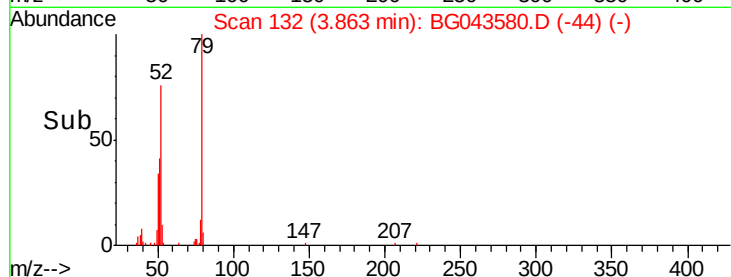
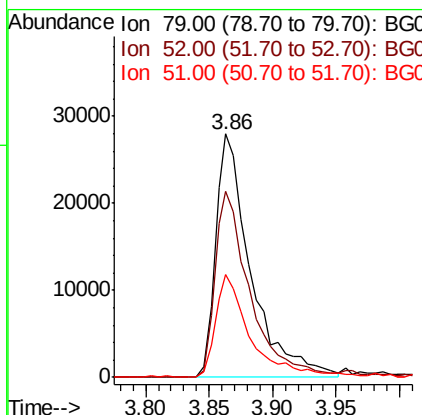
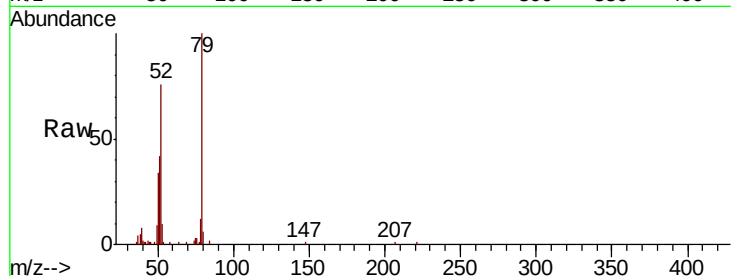
ClientSampleId :

SB-38-(2-4)MS

Tot Ion:	79	Resp:	53876
Ion	Ratio	Lower	Upper
79	100		
52	76.3	56.5	84.7
51	42.4	33.2	49.8

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 50.471 ng

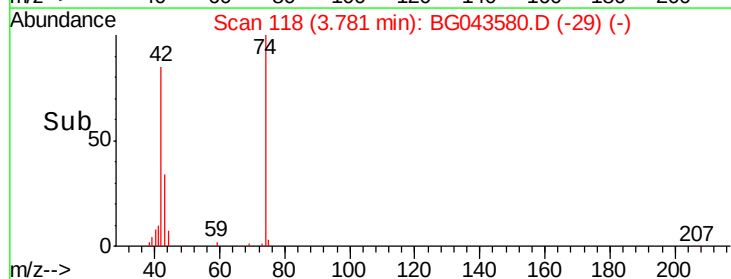
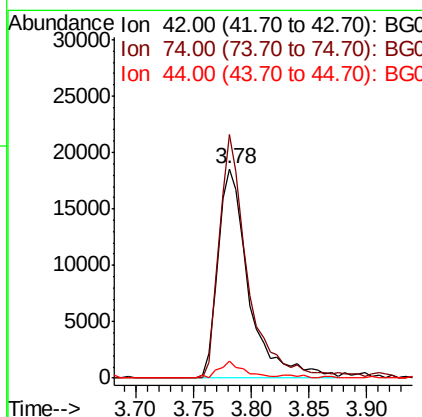
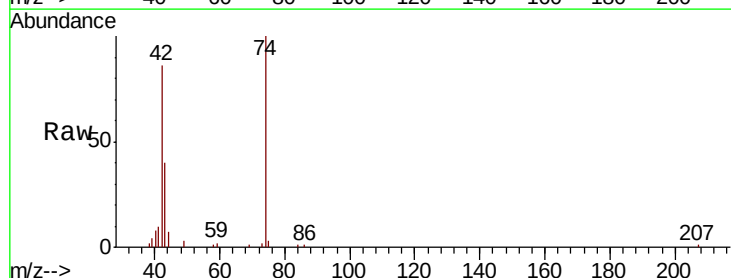
RT: 3.78 min Scan# 118

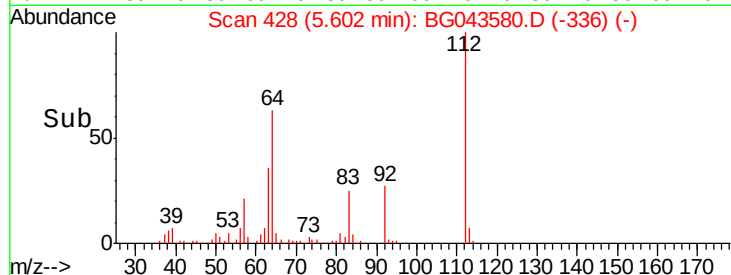
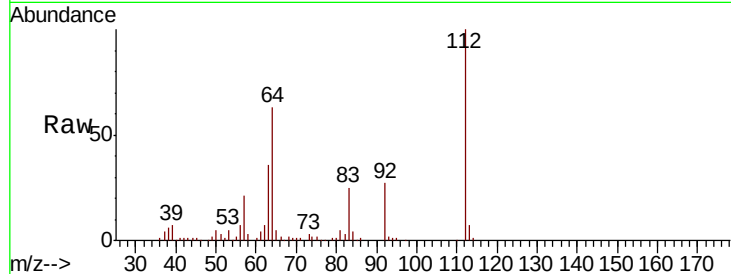
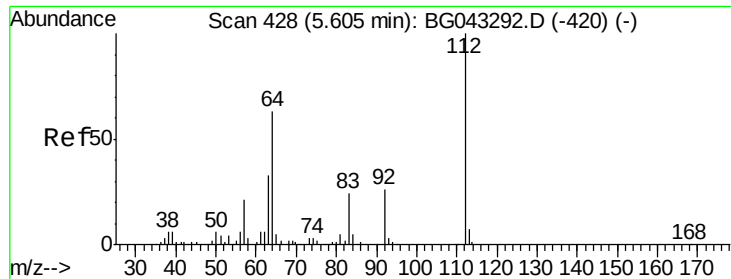
Delta R.T. -0.01 min

Lab File: BG043580.D

Acq: 8 Nov 2019 21:54

Tgt Ion:	42	Resp:	34290
Ion	Ratio	Lower	Upper
42	100		
74	116.2	97.3	145.9
44	8.2	4.4	6.6#





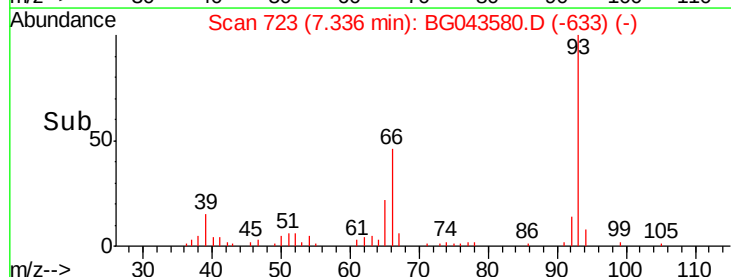
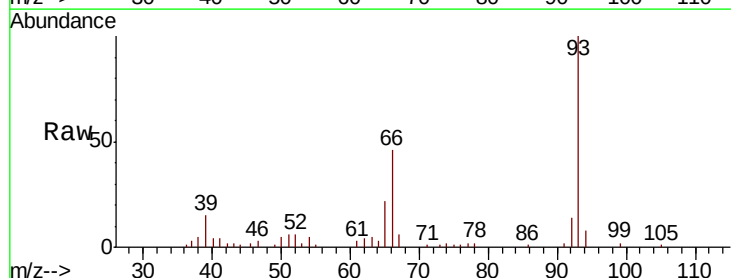
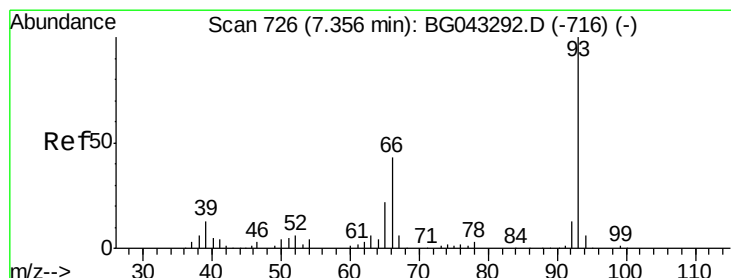
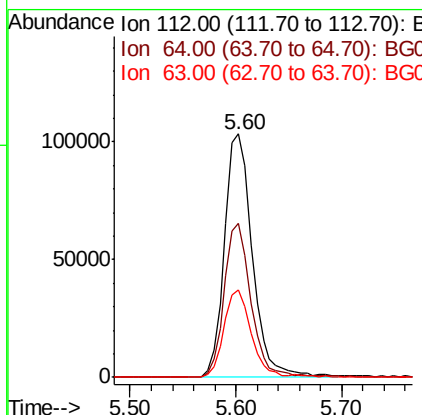
#5
2-Fluorophenol
Concen: 138.187 ng
RT: 5.60 min Scan# 428
Delta R.T. 0.01 min
Lab File: BG043580.D
Acq: 8 Nov 2019 21:54

Tot Ion	Ratio	Resp	Lower	Upper
112	100	189267		
64	63.2	50.0	75.0	
63	36.1	26.6	40.0	

Instrument :
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SB-38-(2-4)MS

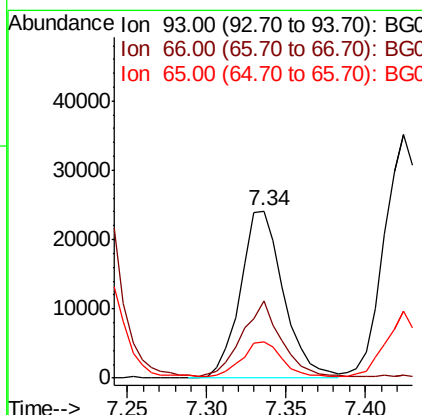
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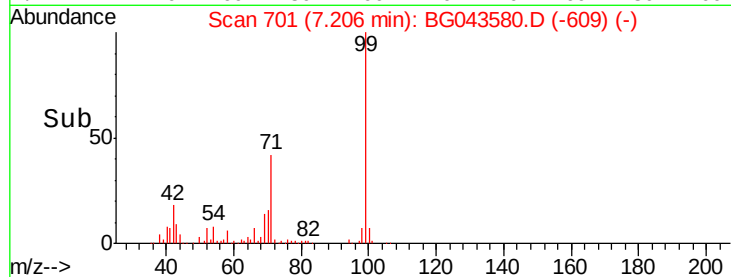
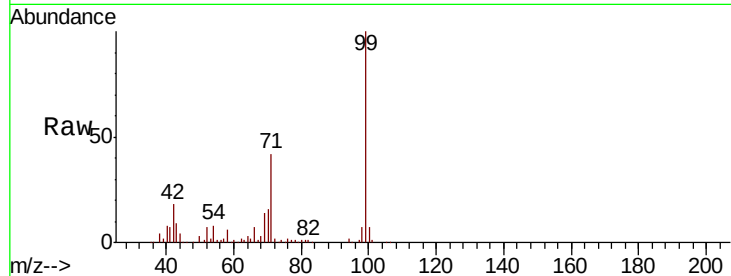
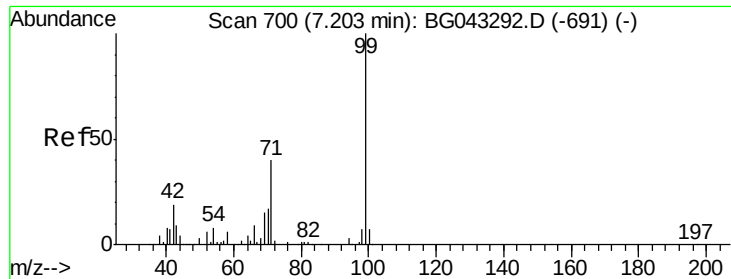
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#6
Aniline
Concen: 20.093 ng
RT: 7.34 min Scan# 723
Delta R.T. -0.00 min
Lab File: BG043580.D
Acq: 8 Nov 2019 21:54

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	45611		
66	46.3	32.3	48.5	
65	21.5	16.1	24.1	





#7

Phenol-d6

Concen: 137.411 ng

RT: 7.21 min Scan# 701

Delta R.T. 0.01 min

Lab File: BG043580.D

Acq: 8 Nov 2019 21:54

Tot Ion	99	Resp	270781
Ion	Ratio	Lower	Upper
99	100		
42	17.7	14.6	21.8
71	41.6	32.5	48.7

Instrument :

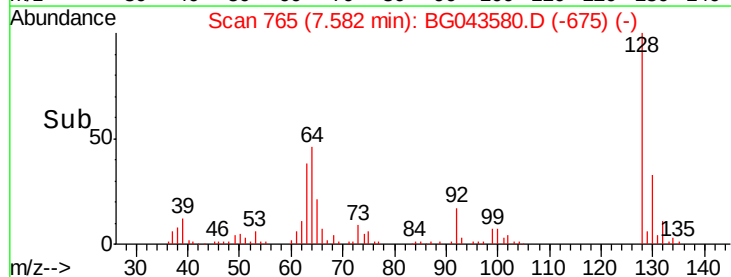
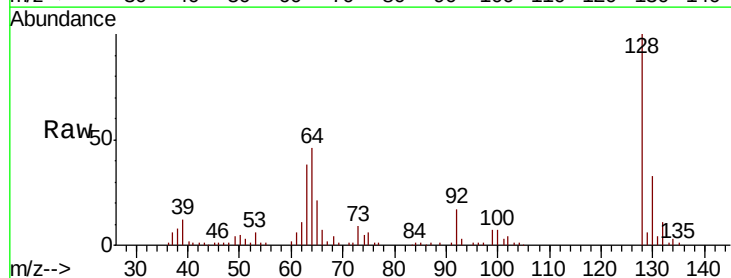
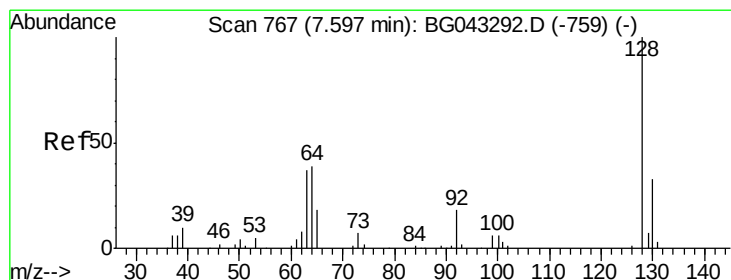
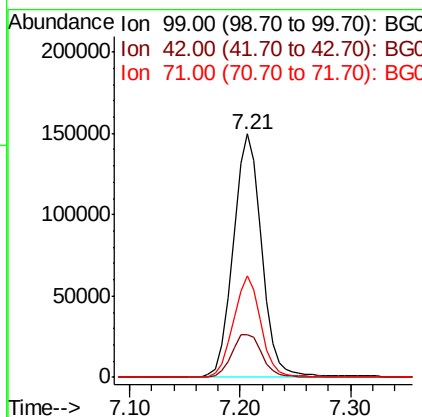
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ClientSampleId :

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#8

2-Chlorophenol

Concen: 50.264 ng

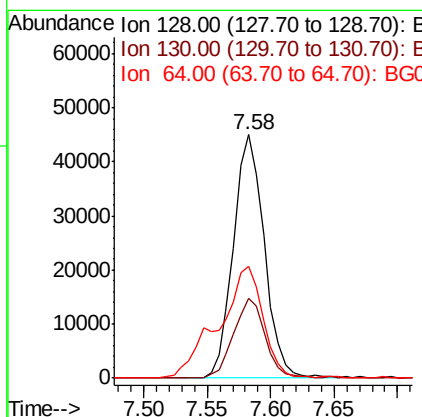
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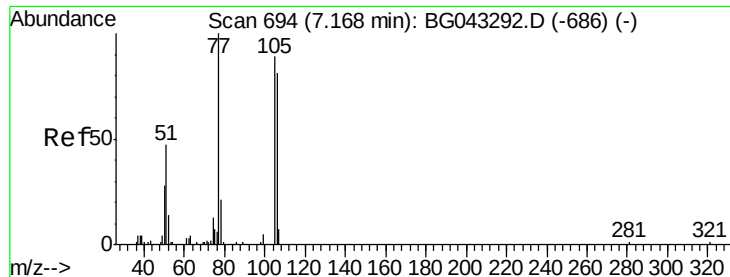
Delta R.T. -0.00 min

Lab File: BG043580.D

Acq: 8 Nov 2019 21:54

Tgt Ion	128	Resp	75996
Ion	Ratio	Lower	Upper
128	100		
130	32.9	12.5	52.5
64	45.7	25.3	65.3





#9

Benzaldehyde

Concen: 37.048 ng

RT: 7.14 min Scan# 690

Delta R.T. -0.01 min

Lab File: BG043580.D

Acq: 8 Nov 2019 21:54

Instrument :

BNA_G

ClientSampleId :

SB-38-(2-4)MS

Tot Ion: 77 Resp: 35879

Ion Ratio Lower Upper

77 100

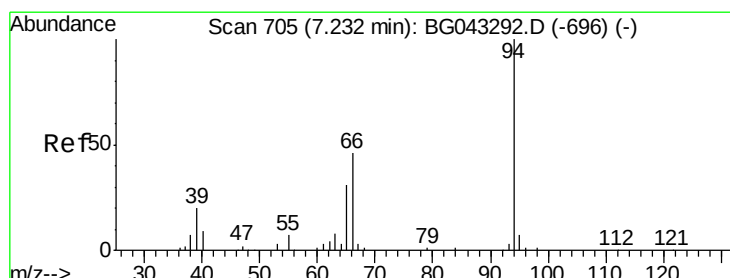
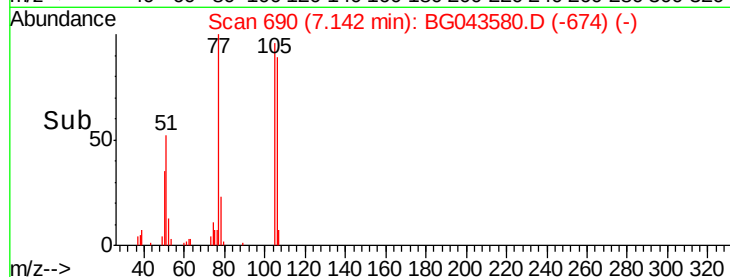
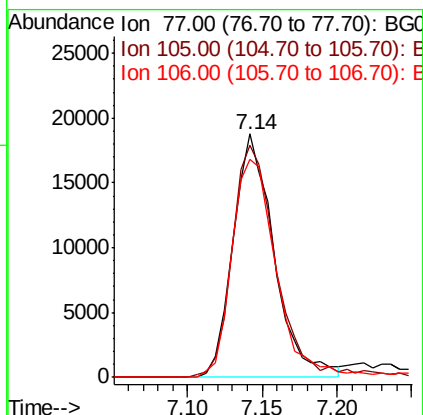
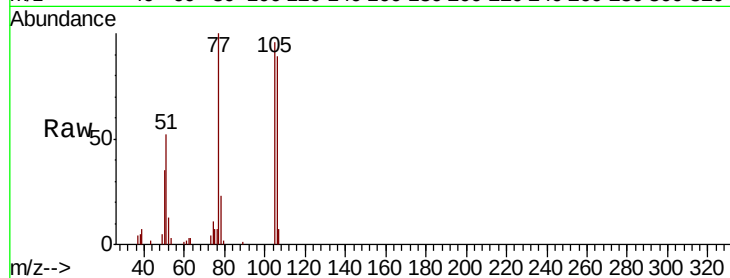
105 95.5 68.6 108.6

106 89.3 69.9 109.9

Manual Integrations
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#10

Phenol

Concen: 57.788 ng

RT: 7.23 min Scan# 705

Delta R.T. 0.01 min

Lab File: BG043580.D

Acq: 8 Nov 2019 21:54

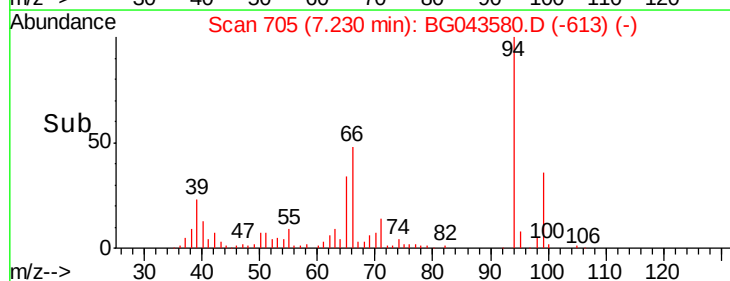
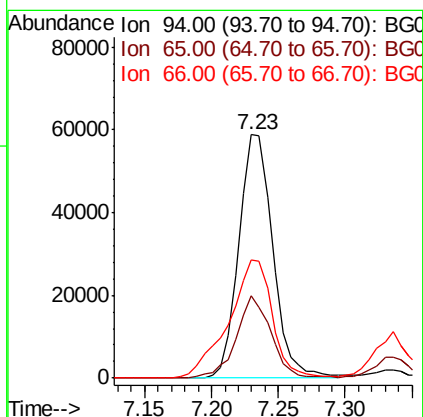
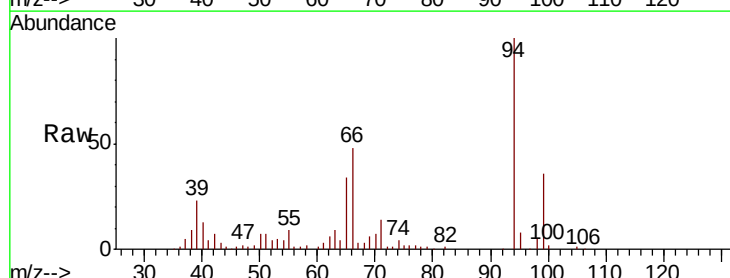
Tgt Ion: 94 Resp: 104060

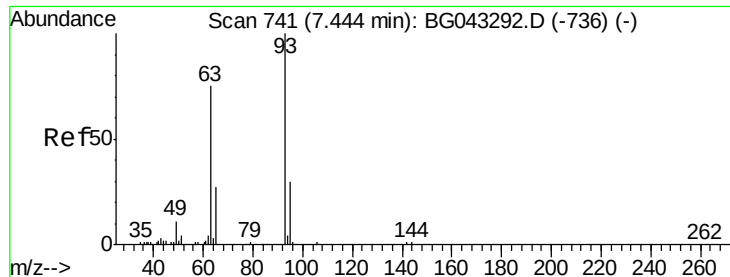
Ion Ratio Lower Upper

94 100

65 33.6 12.6 52.6

66 48.5 30.7 70.7





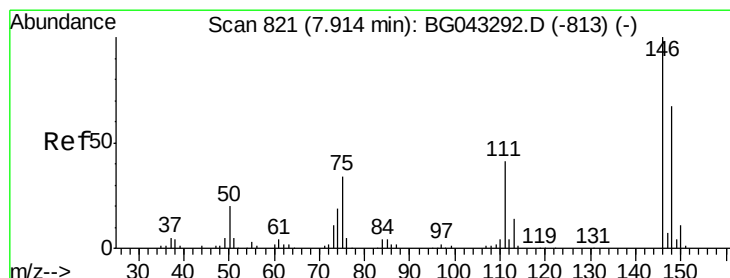
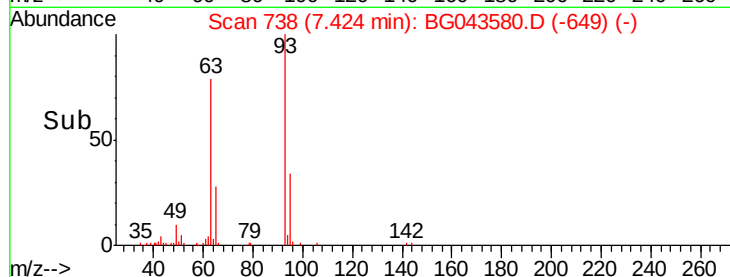
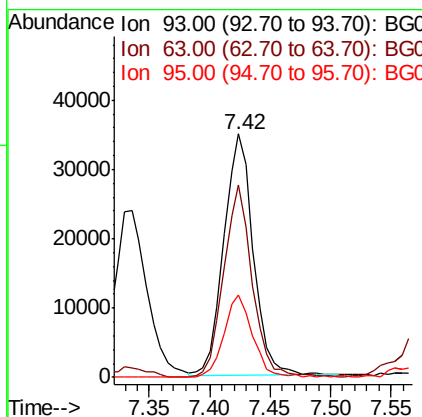
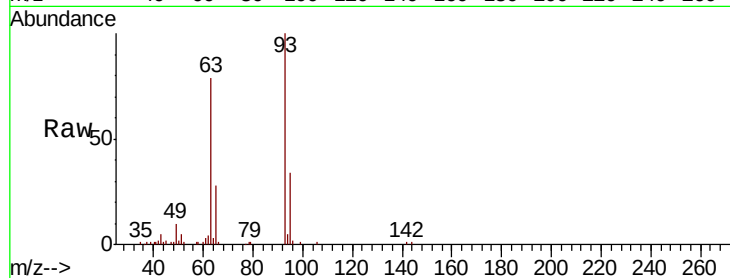
#11
bis(2-Chloroethyl)ether
Concen: 42.284 ng
RT: 7.42 min Scan# 738
Delta R.T. -0.01 min
Lab File: BG043580.D
Acq: 8 Nov 2019 21:54

Instrument :
BNA_G
ClientSampleId :
SB-38-(2-4)MS

Tot Ion	Ratio	Lower	Upper
93	100		
63	78.8	56.3	96.3
95	33.9	12.2	52.2

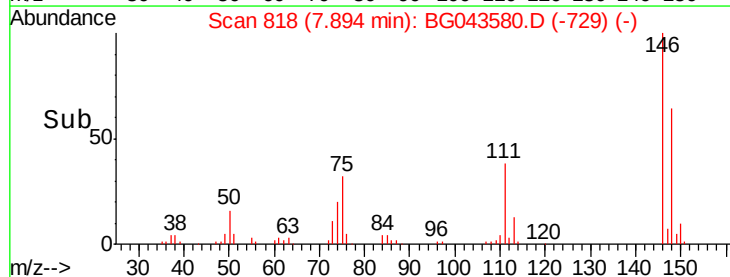
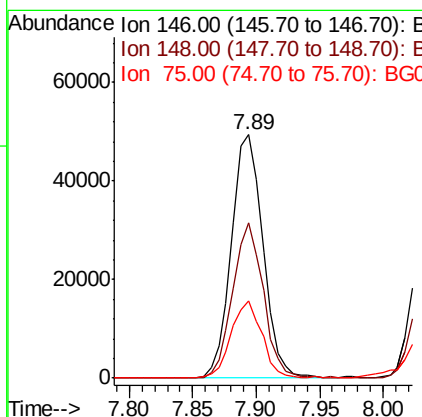
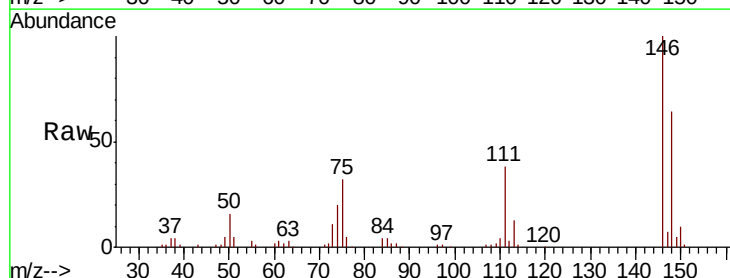
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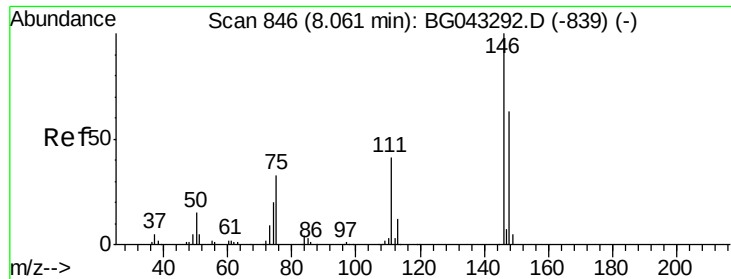
mohammad
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#12
1,3-Dichlorobenzene
Concen: 45.075 ng
RT: 7.89 min Scan# 818
Delta R.T. -0.01 min
Lab File: BG043580.D
Acq: 8 Nov 2019 21:54

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.6	50.3	75.5
75	31.9	24.6	37.0





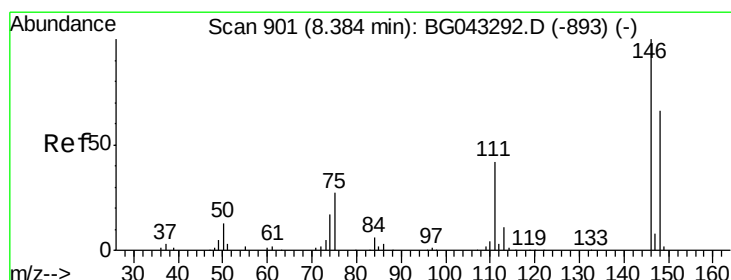
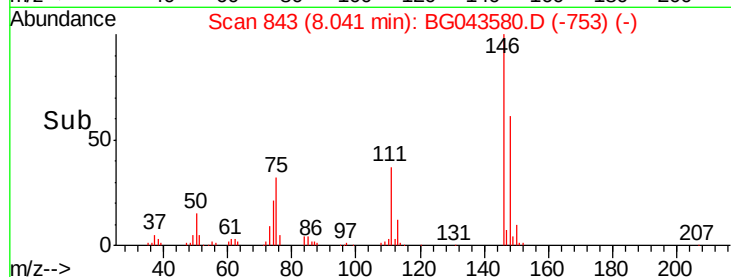
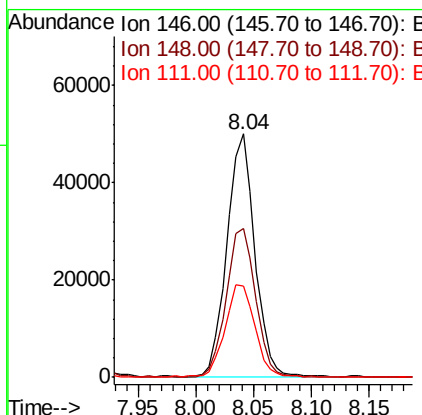
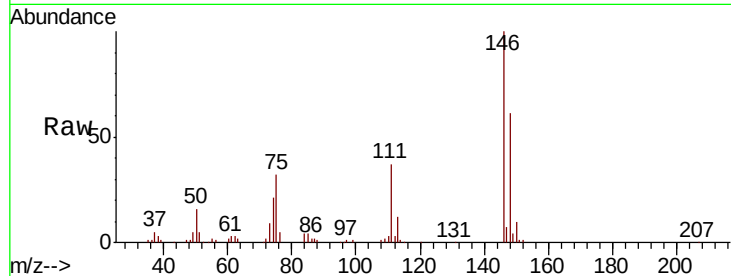
#13
 1,4-Dichlorobenzene
 Concen: 44.027 ng
 RT: 8.04 min Scan# 843
 Delta R.T. -0.00 min
 Lab File: BG043580.D
 Acq: 8 Nov 2019 21:54

Instrument :
 BNA_G
 ClientSampleId :
 SB-38-(2-4)MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	61.1	50.7	76.1
111	37.3	33.4	50.2

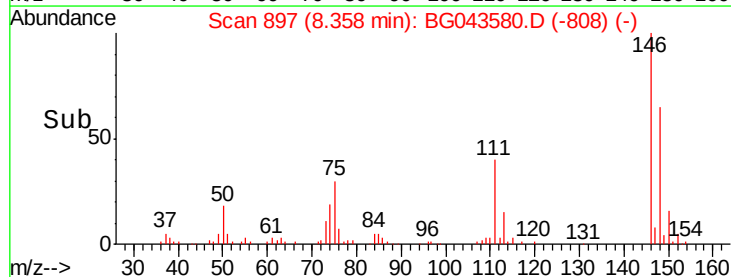
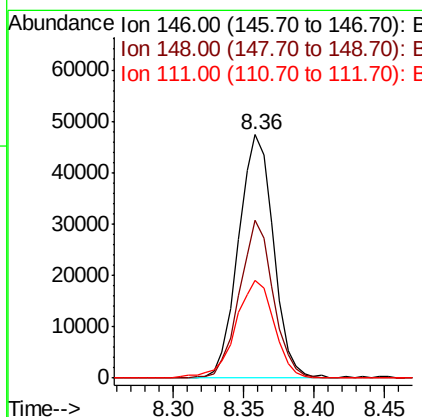
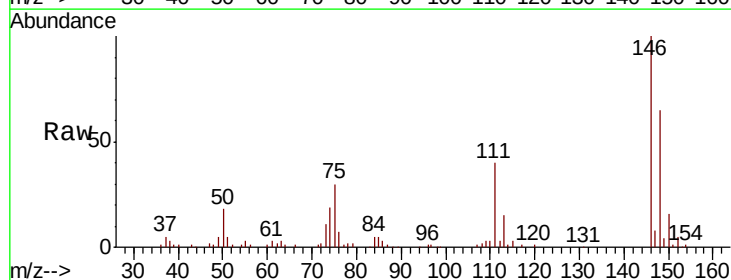
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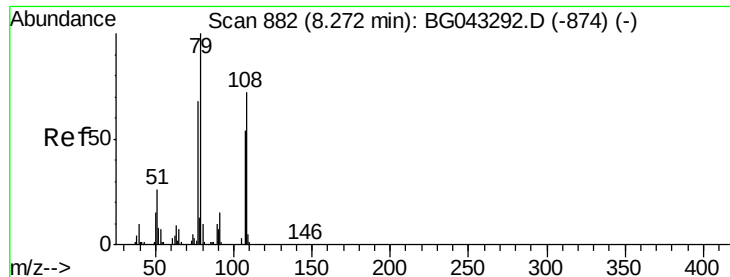
mohammad
 11/11/2019 4:52:02 PM



#14
 1,2-Dichlorobenzene
 Concen: 44.050 ng
 RT: 8.36 min Scan# 897
 Delta R.T. -0.01 min
 Lab File: BG043580.D
 Acq: 8 Nov 2019 21:54

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.1	53.2	79.8
111	40.0	35.8	53.6





#15

Benzyl Alcohol

Concen: 47.213 ng

RT: 8.25 min Scan# 879

Delta R.T. -0.00 min

Lab File: BG043580.D

Acq: 8 Nov 2019 21:54

Instrument :

BNA_G

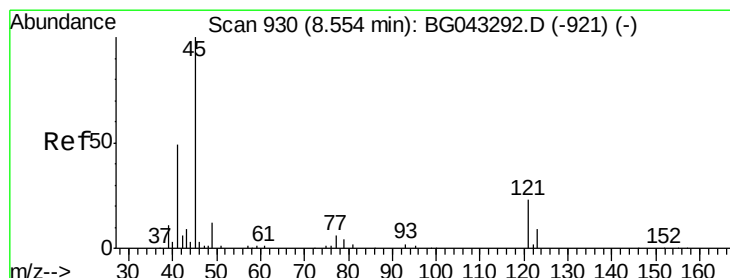
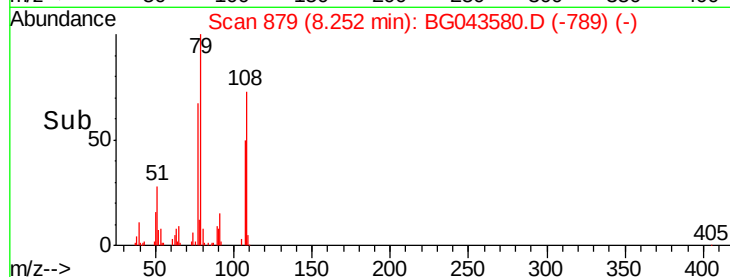
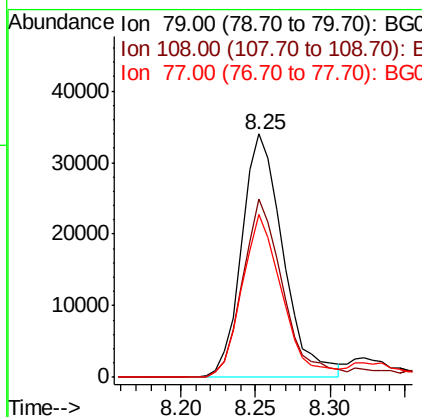
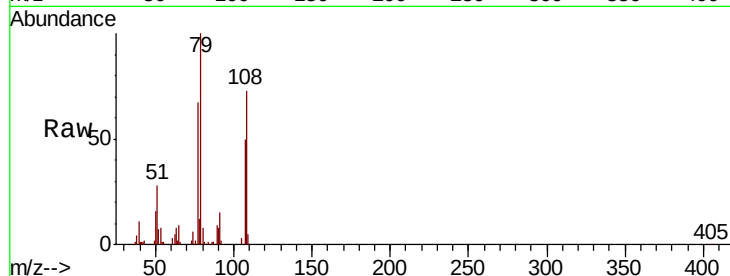
ClientSampleId :

SB-38-(2-4)MS

Tot Ion:	79	Resp:	65340
Ion	Ratio	Lower	Upper
79	100		
108	73.5	53.6	80.4
77	66.8	49.6	74.4

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.454 ng

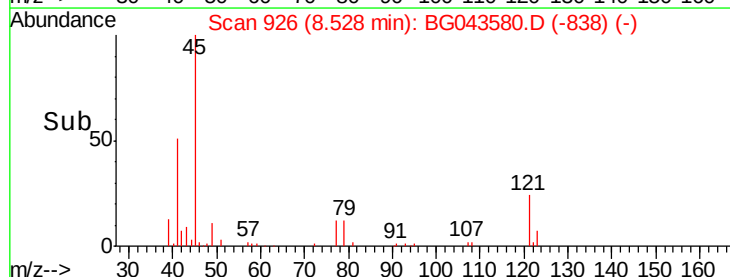
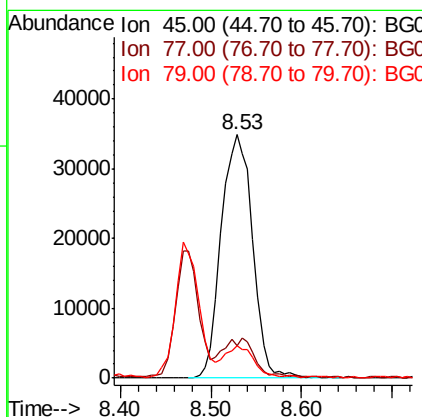
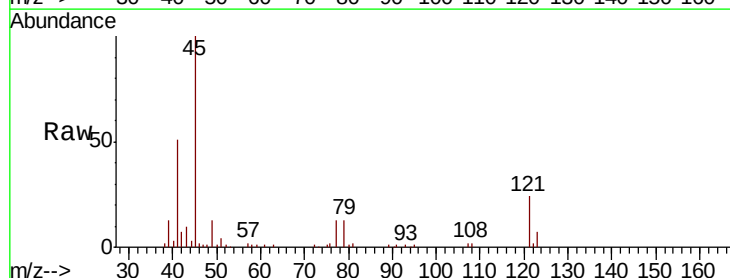
RT: 8.53 min Scan# 926

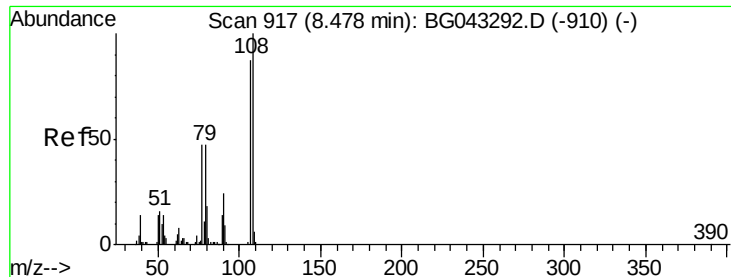
Delta R.T. -0.01 min

Lab File: BG043580.D

Acq: 8 Nov 2019 21:54

Tgt Ion:	45	Resp:	83919
Ion	Ratio	Lower	Upper
45	100		
77	13.4	0.0	34.9
79	13.1	0.0	33.0





#17

2-Methylphenol

Concen: 47.252 ng

RT: 8.48 min Scan# 917

Delta R.T. 0.01 min

Lab File: BG043580.D

Acq: 8 Nov 2019 21:54

Instrument :

BNA_G

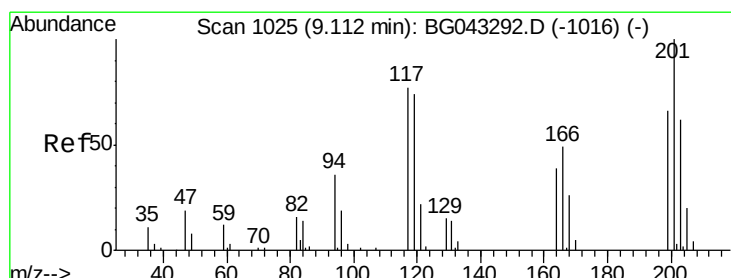
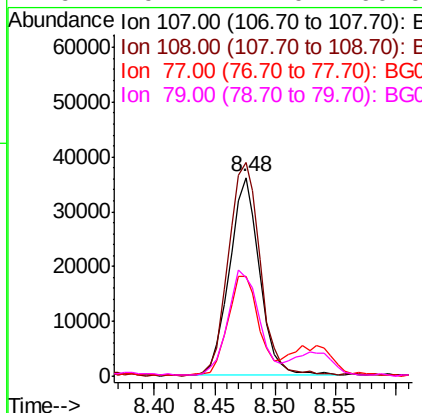
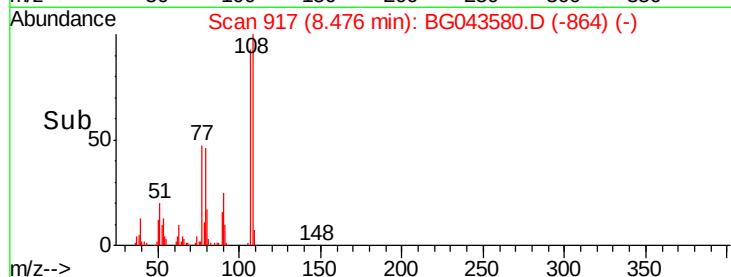
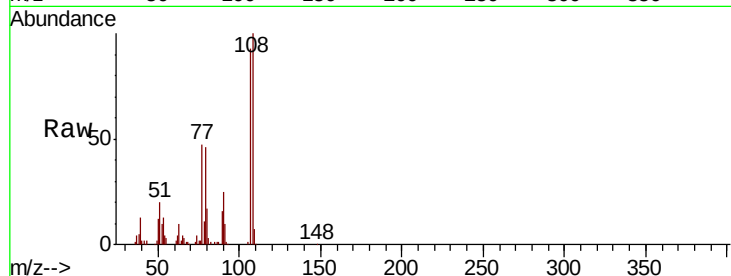
ClientSampleId :

SB-38-(2-4)MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	107.6	90.2	135.4	
77	50.6	40.2	60.2	
79	49.4	44.0	66.0	

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#18

Hexachloroethane

Concen: 44.091 ng

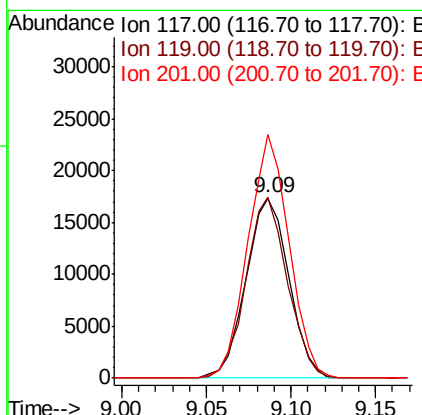
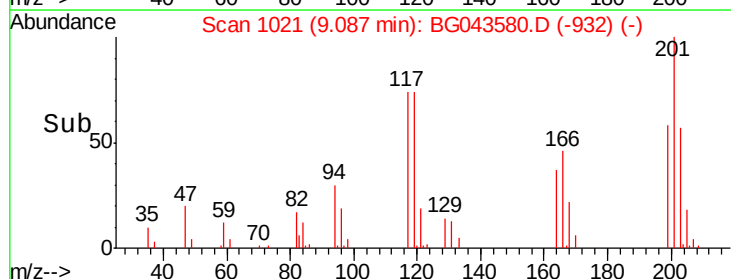
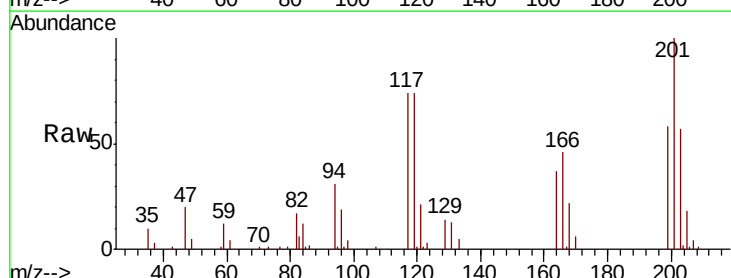
RT: 9.09 min Scan# 1021

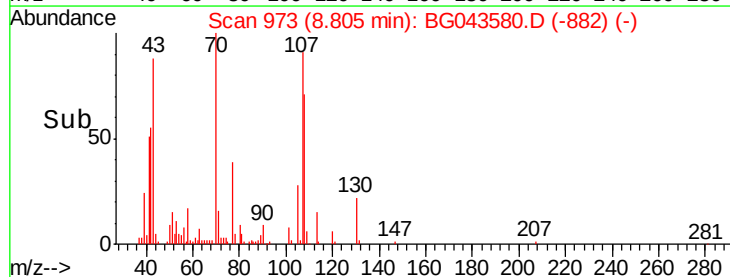
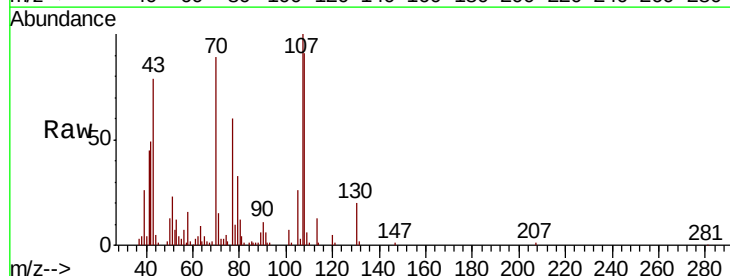
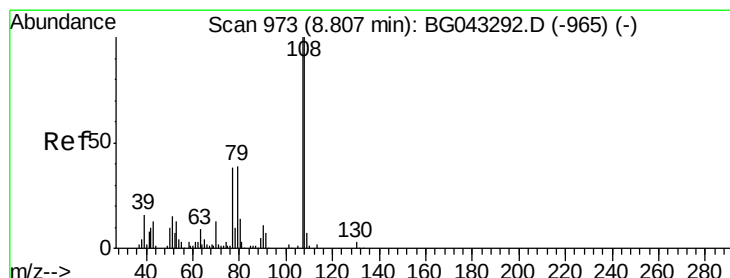
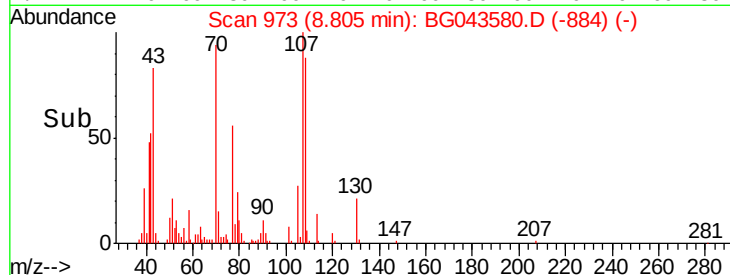
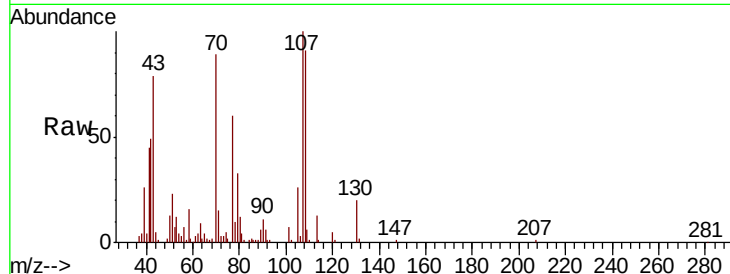
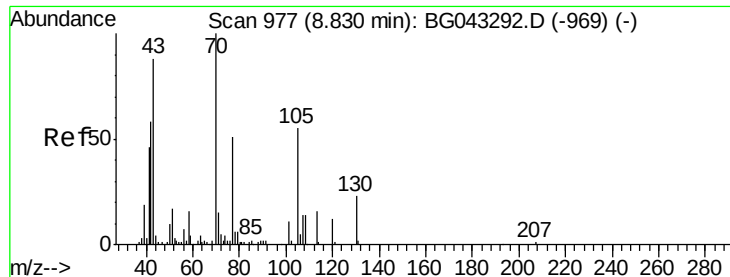
Delta R.T. -0.01 min

Lab File: BG043580.D

Acq: 8 Nov 2019 21:54

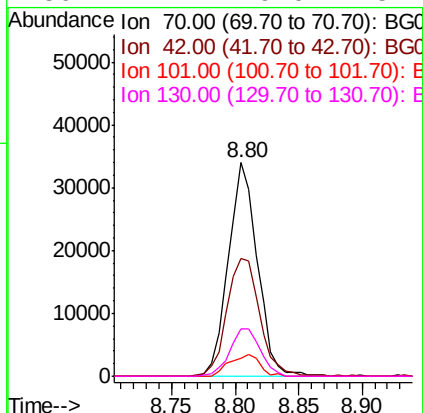
Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	100.4	79.0	118.4	
201	135.2	105.4	158.2	





#19
n-Nitroso-di-n-propylamine
Concen: 42.232 ng
RT: 8.80 min Scan# 973
Delta R.T. -0.01 min
Lab File: BG043580.D
Acq: 8 Nov 2019 21:54

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	55.1	41.4	62.2	
101	8.4	7.9	11.9	
130	22.2	19.0	28.4	



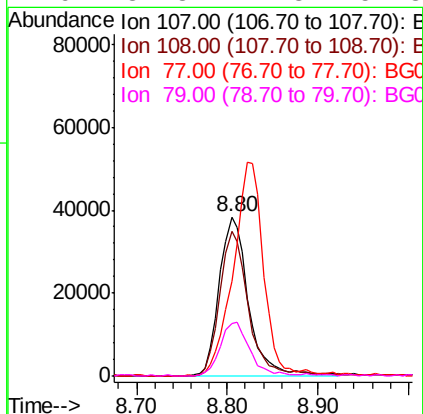
Instrument :
BNA_G
ClientSampleId :
SB-38-(2-4)MS

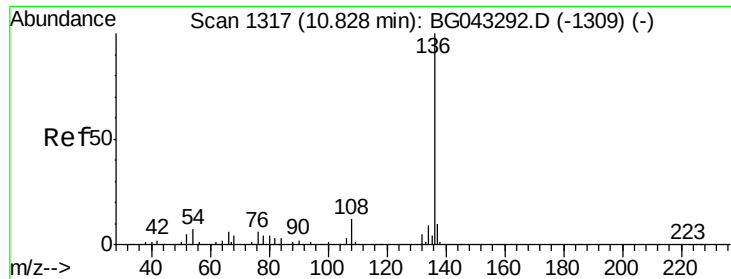
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#20
3+4-Methylphenols
Concen: 47.824 ng
RT: 8.80 min Scan# 973
Delta R.T. 0.00 min
Lab File: BG043580.D
Acq: 8 Nov 2019 21:54

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	91.0	66.6	106.6	
77	59.9	20.9	60.9	
79	32.8	11.3	51.3	





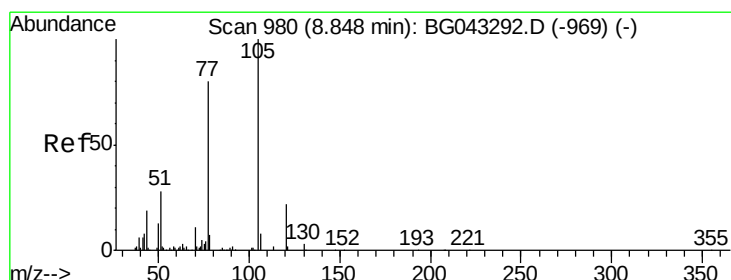
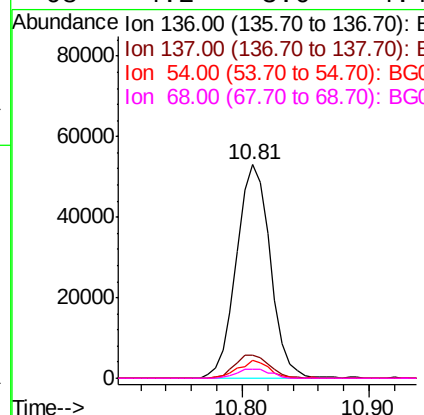
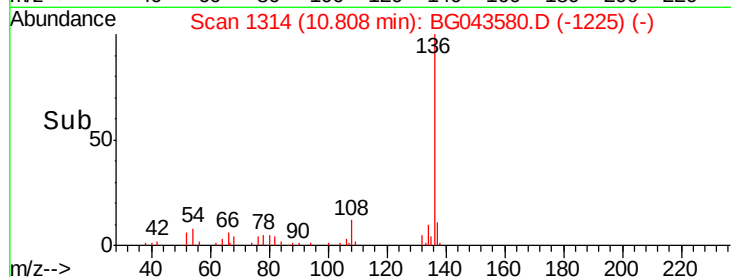
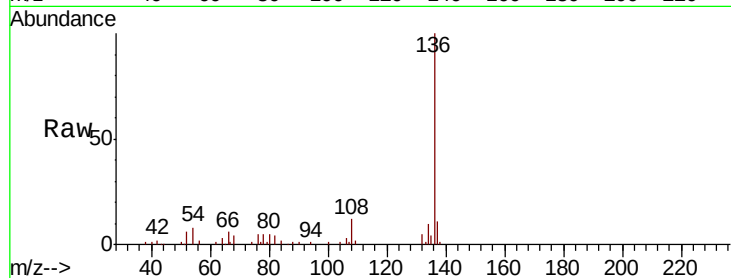
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.81 min Scan# 1314
Delta R.T. -0.01 min
Lab File: BG043580.D
Acq: 8 Nov 2019 21:54

Instrument :
BNA_G
ClientSampleId :
SB-38-(2-4)MS

Tot Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	8.4	5.4	8.2#
68	4.2	3.0	4.4

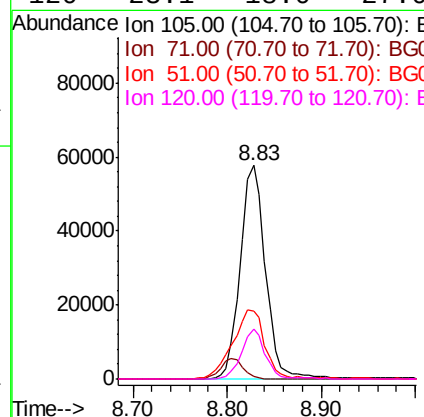
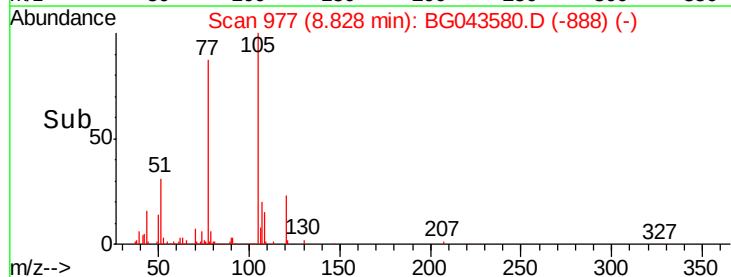
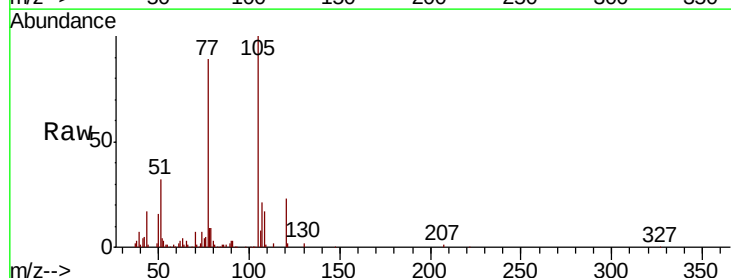
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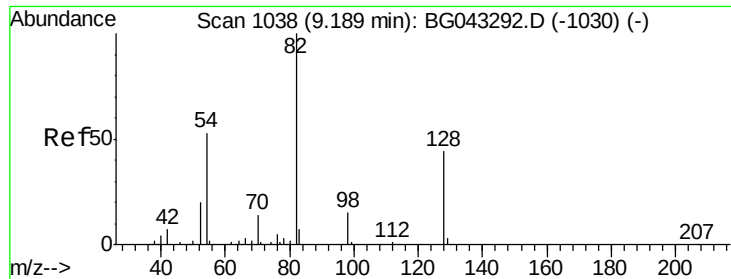
mohammad
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#22
Acetophenone
Concen: 43.071 ng
RT: 8.83 min Scan# 977
Delta R.T. -0.01 min
Lab File: BG043580.D
Acq: 8 Nov 2019 21:54

Tgt Ion	Ratio	Lower	Upper
105	100		
71	1.1	0.8	1.2
51	31.6	21.0	31.4#
120	23.1	18.0	27.0





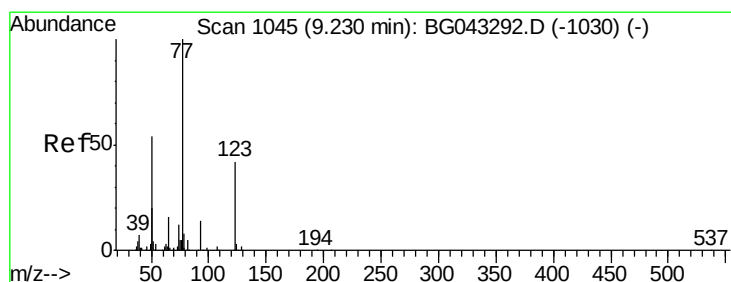
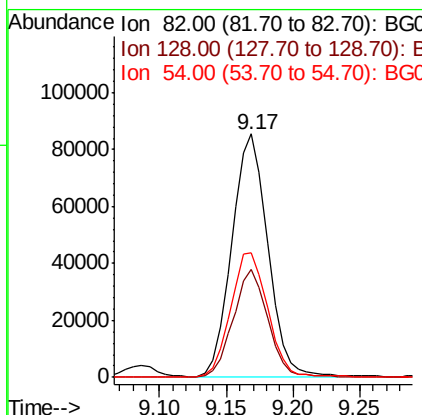
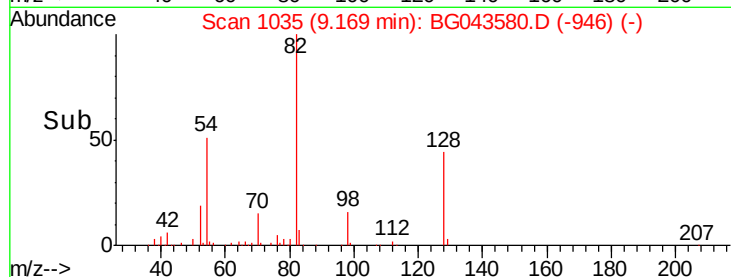
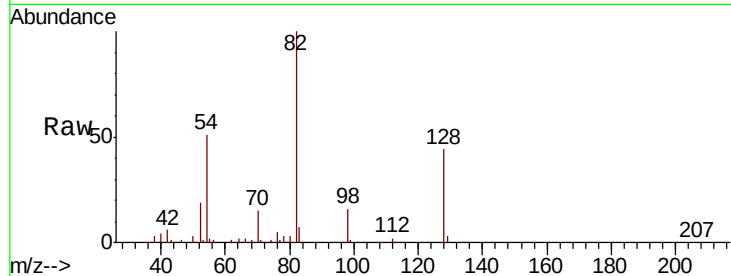
#23
 Nitrobenzene-d5
 Concen: 84.528 ng
 RT: 9.17 min Scan# 1035
 Delta R.T. -0.01 min
 Lab File: BG043580.D
 Acq: 8 Nov 2019 21:54

Instrument :
 BNA_G
 ClientSampleId :
 SB-38-(2-4)MS

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.2	35.0	52.6
54	51.2	40.2	60.2

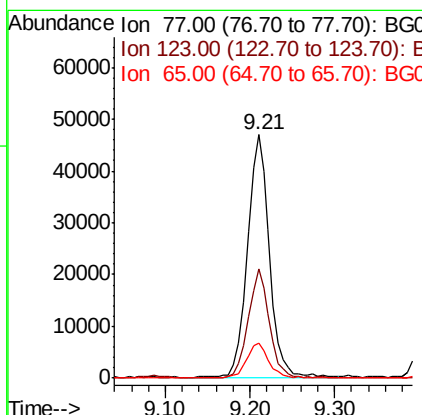
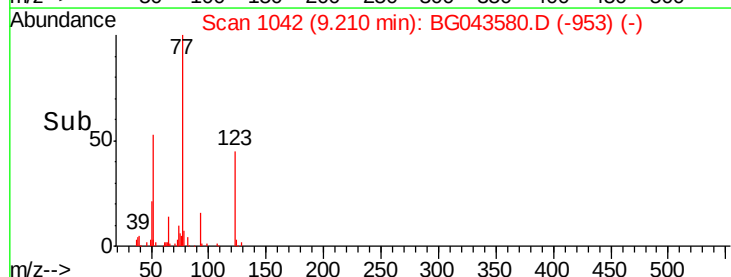
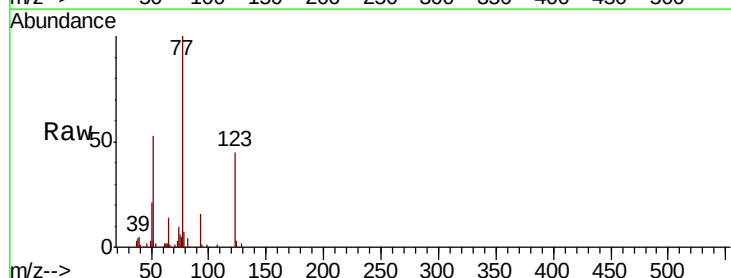
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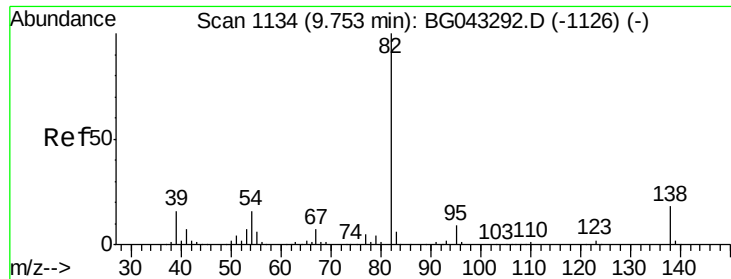
mohammad
 11/11/2019 4:52:02 PM



#24
 Nitrobenzene
 Concen: 47.378 ng
 RT: 9.21 min Scan# 1042
 Delta R.T. -0.01 min
 Lab File: BG043580.D
 Acq: 8 Nov 2019 21:54

Tgt Ion	Ratio	Lower	Upper
77	100		
123	45.0	35.0	52.6
65	14.3	9.5	14.3#





#25

Isophorone

Concen: 44.184 ng

RT: 9.73 min Scan# 1130

Delta R.T. -0.01 min

Lab File: BG043580.D

Acq: 8 Nov 2019 21:54

Instrument :

BNA_G

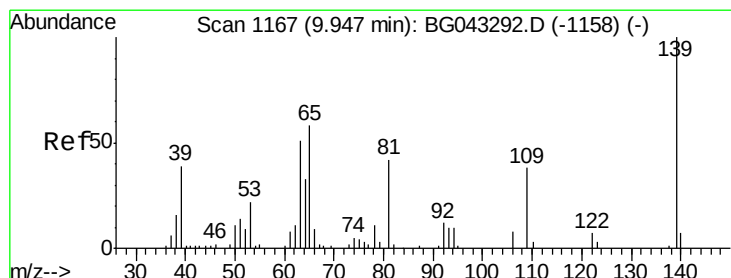
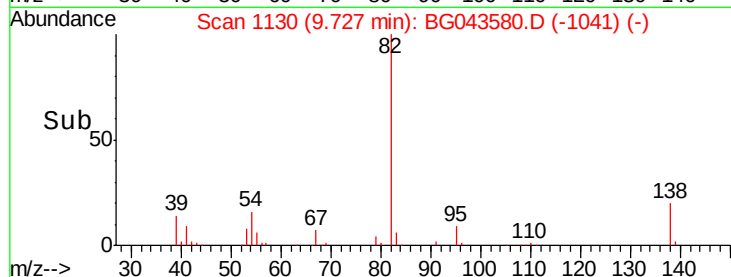
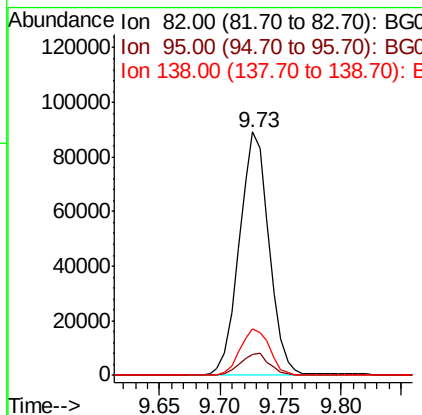
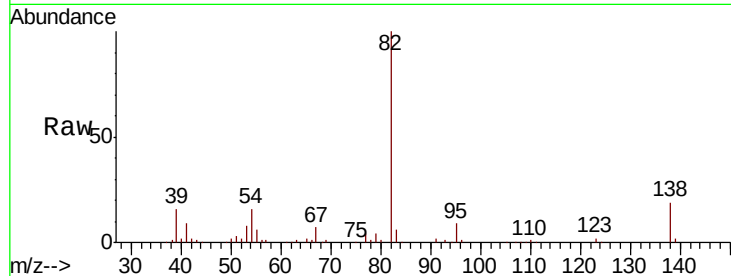
ClientSampleId :

SB-38-(2-4)MS

Tot Ion:	82	Resp:	153452
Ion Ratio	Lower	Upper	
82	100		
95	8.6	6.6	9.8
138	19.0	15.2	22.8

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#26

2-Nitrophenol

Concen: 50.452 ng

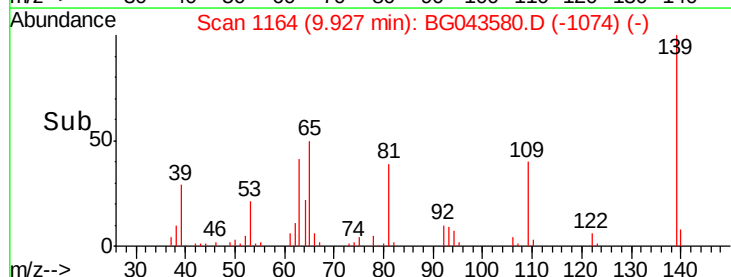
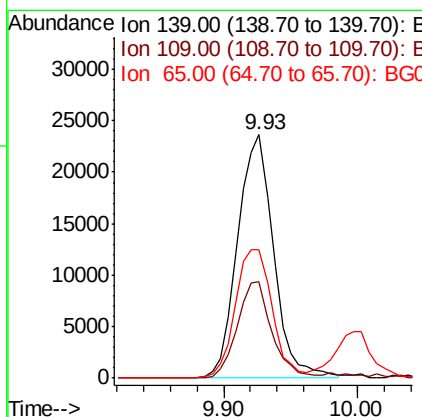
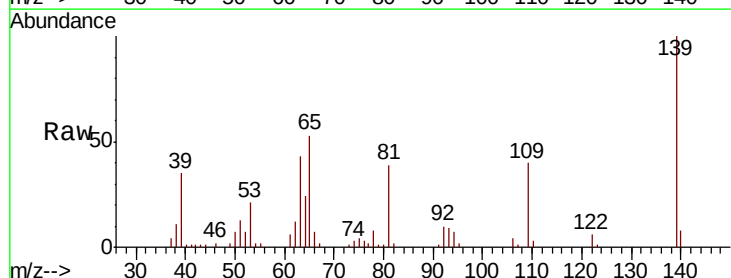
RT: 9.93 min Scan# 1164

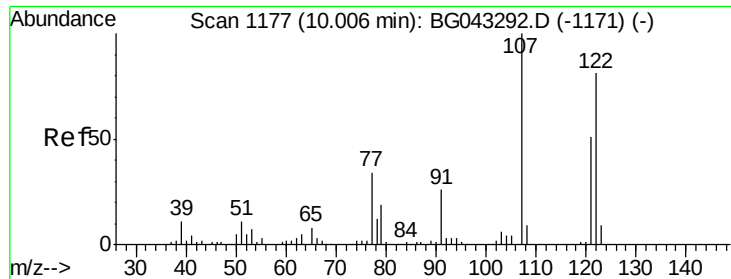
Delta R.T. -0.00 min

Lab File: BG043580.D

Acq: 8 Nov 2019 21:54

Tgt Ion:	139	Resp:	44077
Ion Ratio	Lower	Upper	
139	100		
109	39.9	26.5	39.7#
65	52.6	43.8	65.8





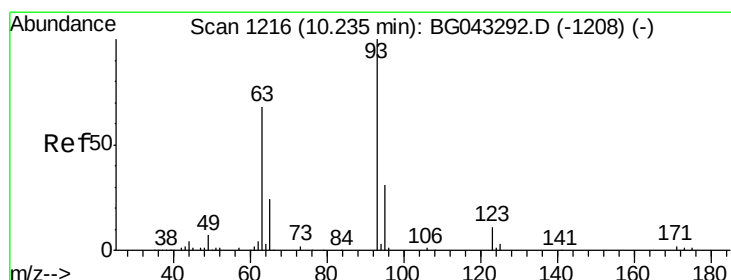
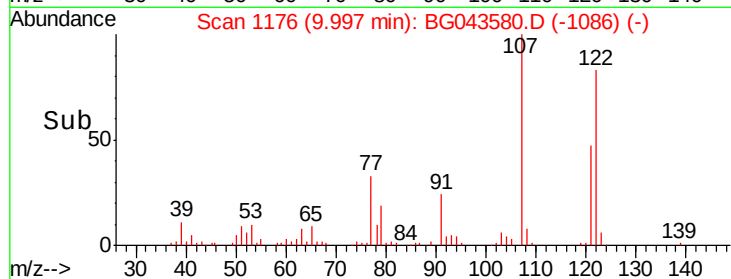
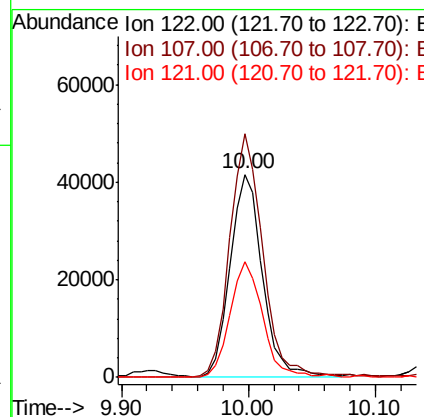
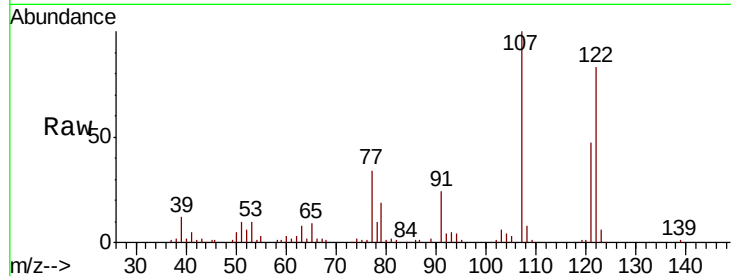
#27
2,4-Dimethylphenol
Concen: 57.877 ng
RT: 10.00 min Scan# 1176
Delta R.T. -0.00 min
Lab File: BG043580.D
Acq: 8 Nov 2019 21:54

Instrument :
BNA_G
ClientSampleId :
SB-38-(2-4)MS

Tot Ion:122 Resp: 72471
Ion Ratio Lower Upper
122 100
107 119.8 104.4 156.6
121 56.8 47.2 70.8

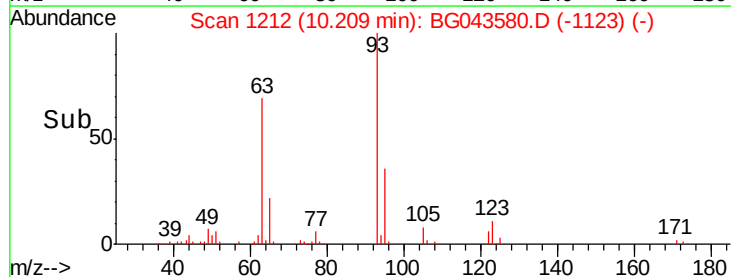
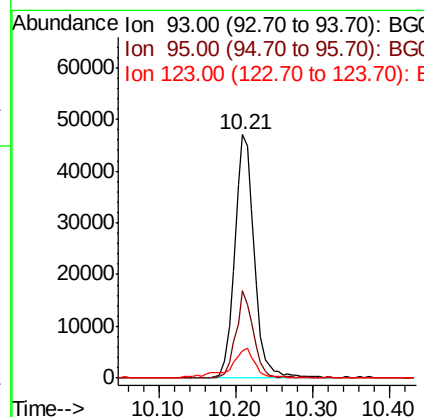
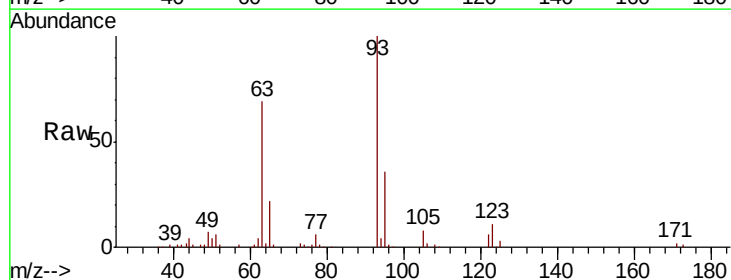
Manual Integrations
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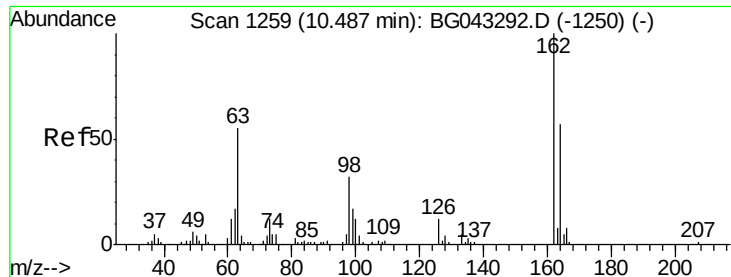
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 43.716 ng
RT: 10.21 min Scan# 1212
Delta R.T. -0.01 min
Lab File: BG043580.D
Acq: 8 Nov 2019 21:54

Tgt Ion: 93 Resp: 83796
Ion Ratio Lower Upper
93 100
95 35.9 26.0 39.0
123 11.4 10.6 15.8





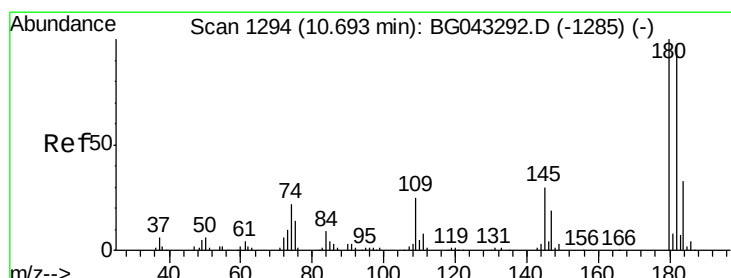
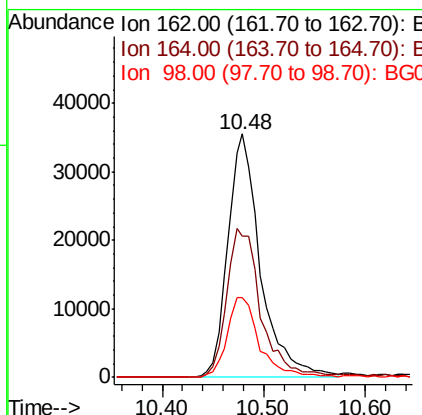
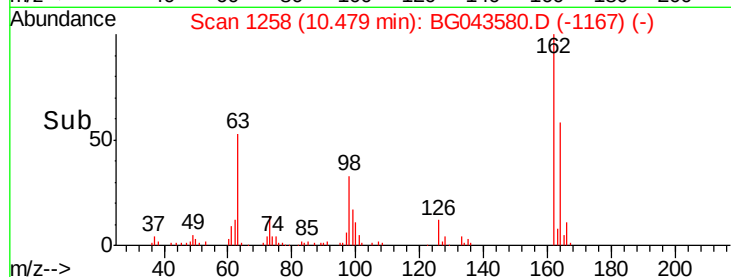
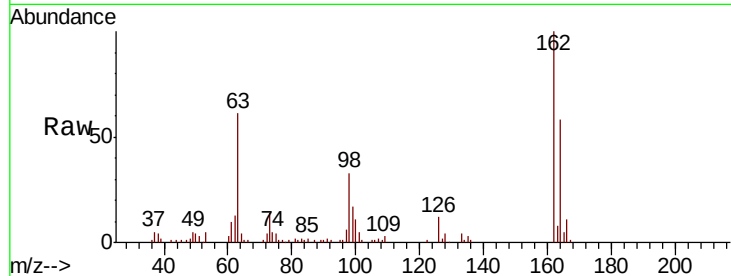
#29
2,4-Dichlorophenol
Concen: 49.426 ng
RT: 10.48 min Scan# 1258
Delta R.T. 0.00 min
Lab File: BG043580.D
Acq: 8 Nov 2019 21:54

Instrument :
BNA_G
ClientSampleId :
SB-38-(2-4)MS

Tot Ion	Ratio	Lower	Upper
162	100		
164	58.2	48.9	88.9
98	33.0	15.1	55.1

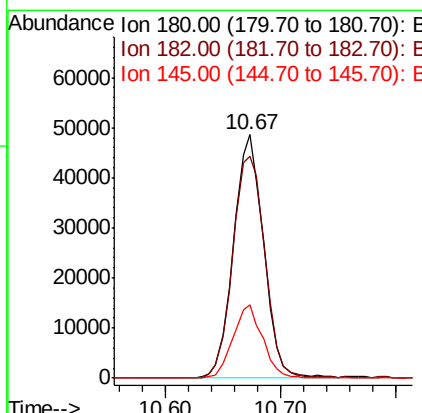
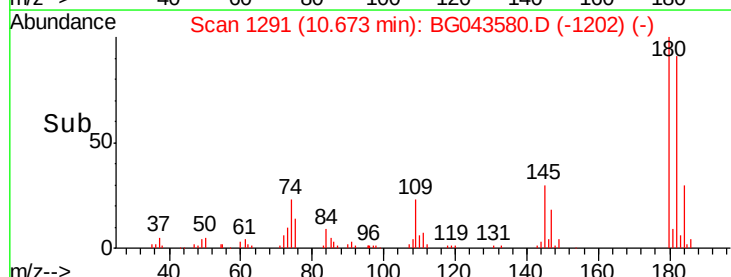
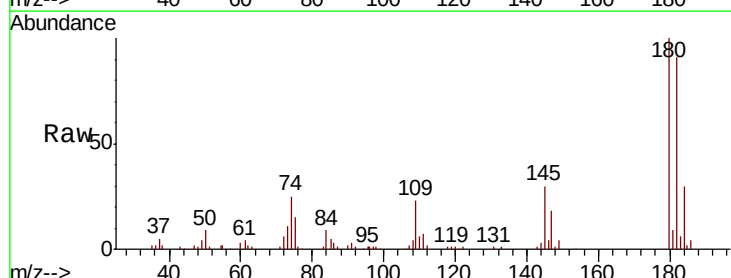
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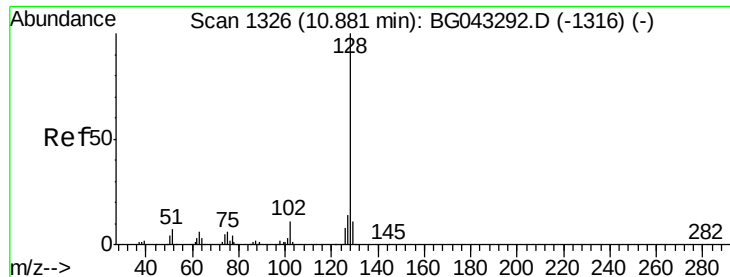
mohammad
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#30
1,2,4-Trichlorobenzene
Concen: 43.298 ng
RT: 10.67 min Scan# 1291
Delta R.T. -0.01 min
Lab File: BG043580.D
Acq: 8 Nov 2019 21:54

Tgt Ion	Ratio	Lower	Upper
180	100		
182	91.4	75.1	112.7
145	30.0	23.9	35.9





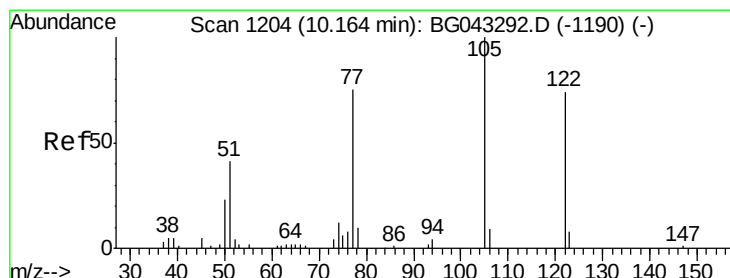
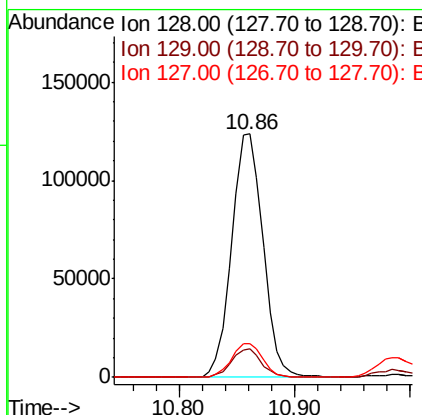
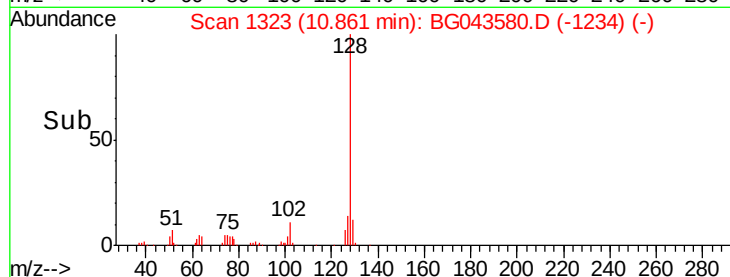
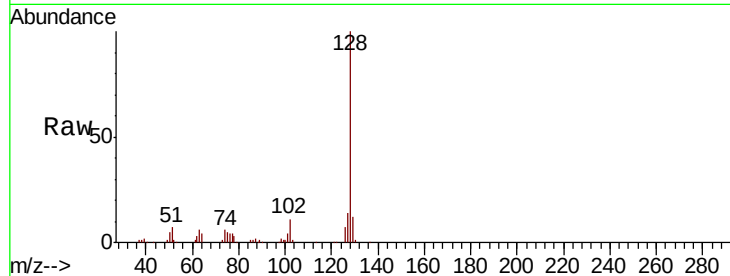
#31
Naphthalene
Concen: 46.829 ng
RT: 10.86 min Scan# 1323
Delta R.T. -0.01 min
Lab File: BG043580.D
Acq: 8 Nov 2019 21:54

Instrument :
BNA_G
ClientSampleId :
SB-38-(2-4)MS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.9	9.4	14.0
127	14.0	11.1	16.7

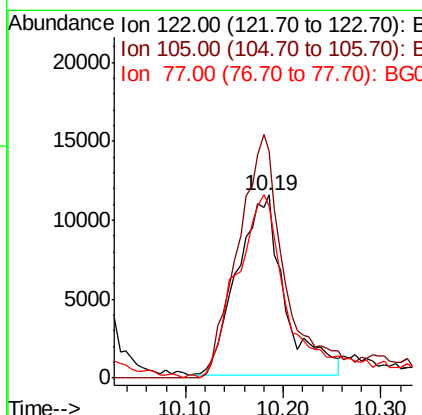
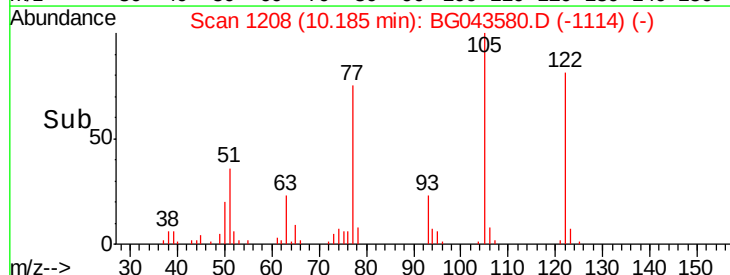
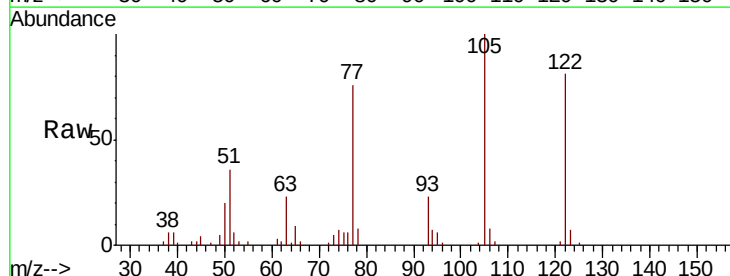
Manual Integrations
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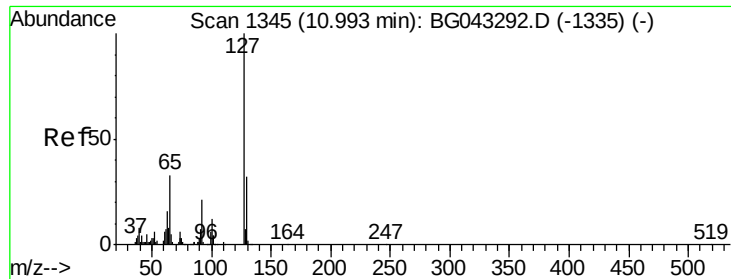
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#32
Benzoic acid
Concen: 42.038 ng
RT: 10.19 min Scan# 1208
Delta R.T. 0.02 min
Lab File: BG043580.D
Acq: 8 Nov 2019 21:54

Tgt Ion	Ratio	Lower	Upper
122	100		
105	124.2	103.3	143.3
77	94.1	84.9	124.9





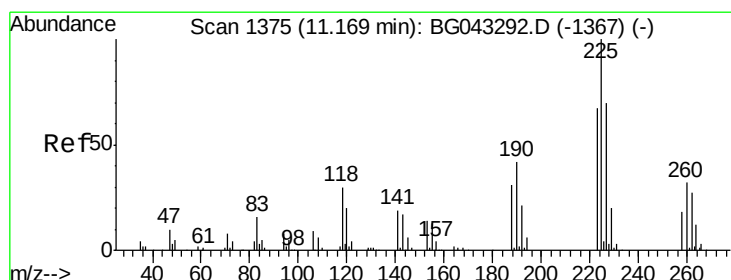
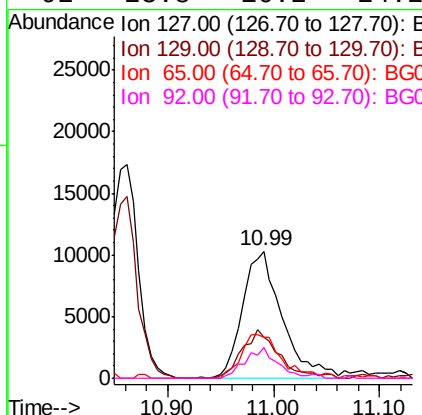
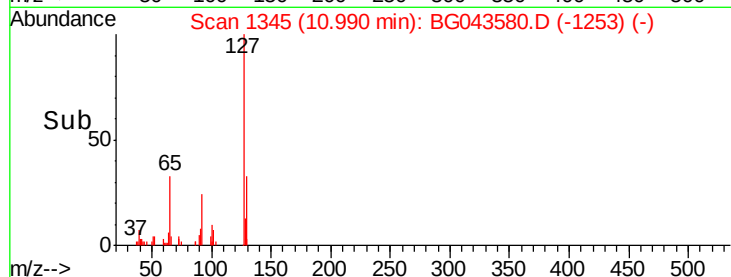
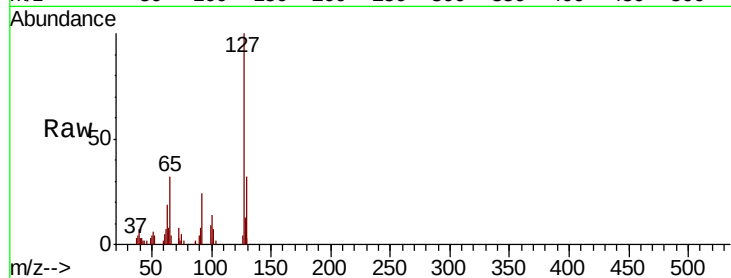
#33
4-Chloroaniline
Concen: 13.109 ng
RT: 10.99 min Scan# 1345
Delta R.T. 0.01 min
Lab File: BG043580.D
Acq: 8 Nov 2019 21:54

Instrument :
BNA_G
ClientSampleId :
SB-38-(2-4)MS

Tot Ion	Ratio	Lower	Upper
127	100		
129	32.4	26.5	39.7
65	32.2	26.4	39.6
92	23.8	16.2	24.2

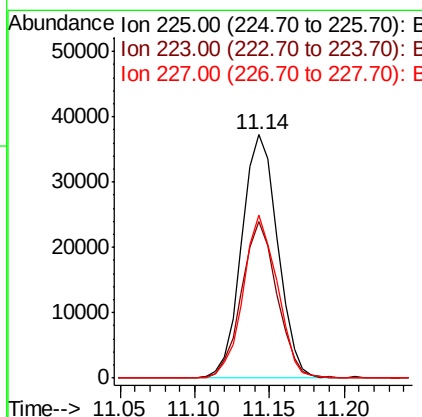
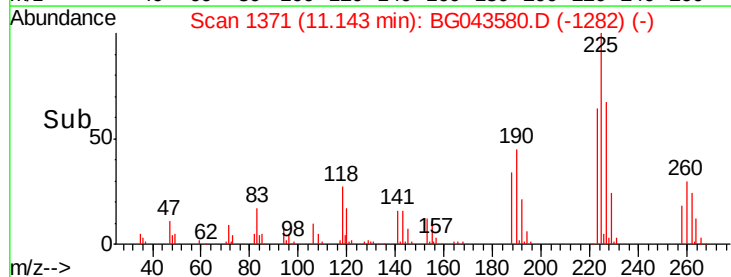
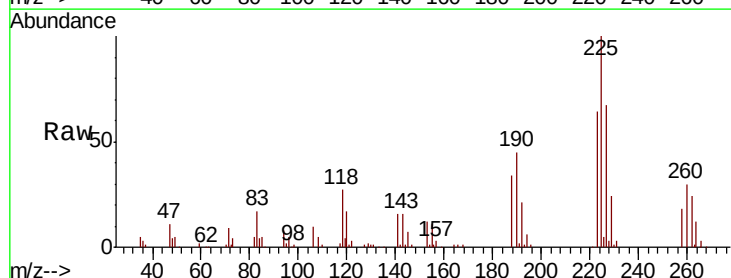
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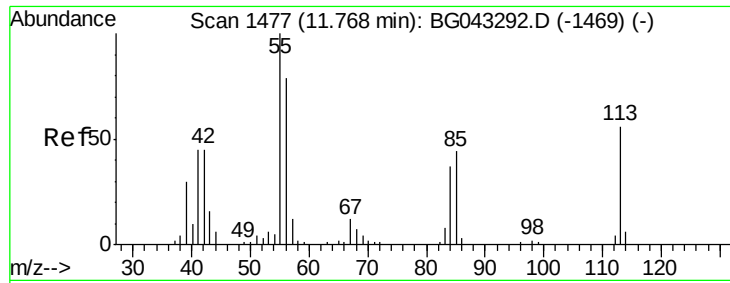
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#34
Hexachlorobutadiene
Concen: 41.645 ng
RT: 11.14 min Scan# 1371
Delta R.T. -0.01 min
Lab File: BG043580.D
Acq: 8 Nov 2019 21:54

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.5	52.7	79.1
227	66.9	54.8	82.2





#35

Caprolactam

Concen: 48.807 ng/ml

RT: 11.74 min Scan# 1473

Delta R.T. -0.01 min

Lab File: BG043580.D

Acq: 8 Nov 2019 21:54

Instrument :

BNA_G

ClientSampleId :

SB-38-(2-4)MS

Tot Ion:113 Resp: 26968

Ion Ratio Lower Upper

113 100

55 145.3 134.1 174.1

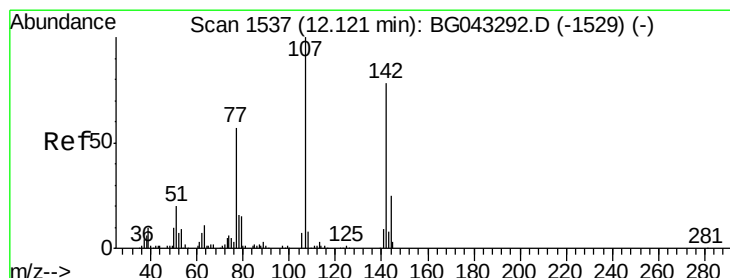
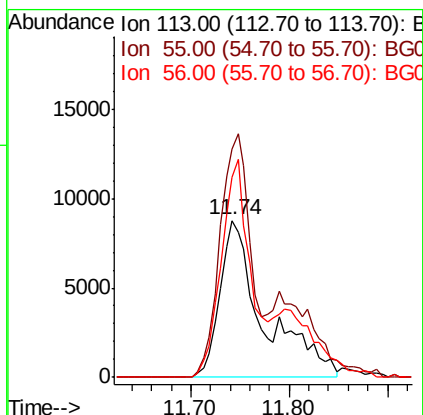
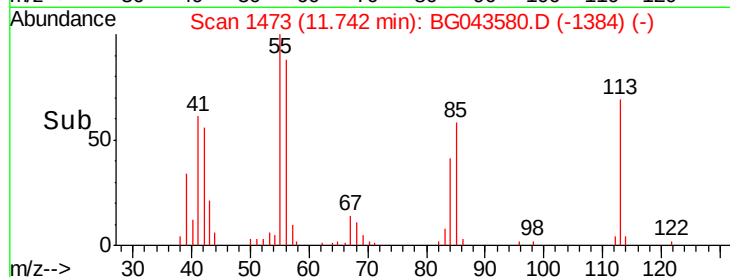
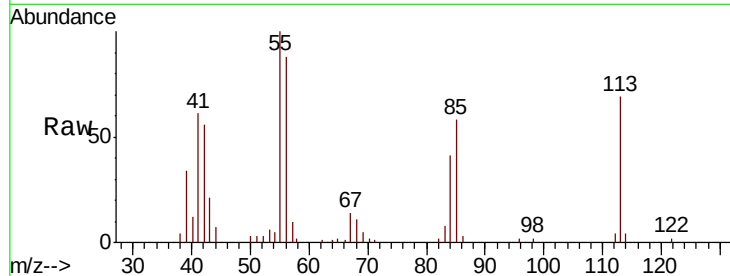
56 127.7 100.4 140.4

Manual Integrations

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#36

4-Chloro-3-methylphenol

Concen: 50.315 ng/ml

RT: 12.12 min Scan# 1538

Delta R.T. 0.01 min

Lab File: BG043580.D

Acq: 8 Nov 2019 21:54

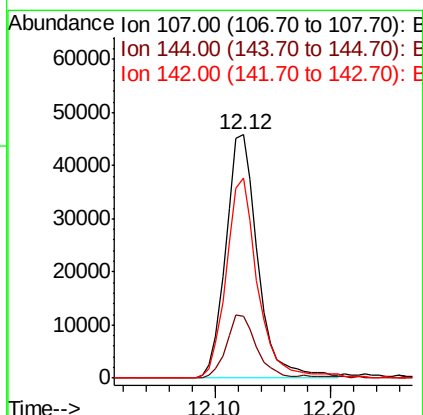
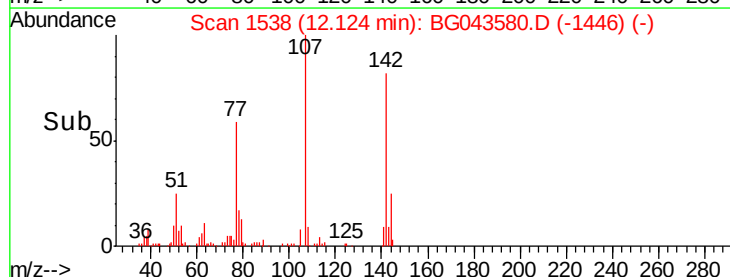
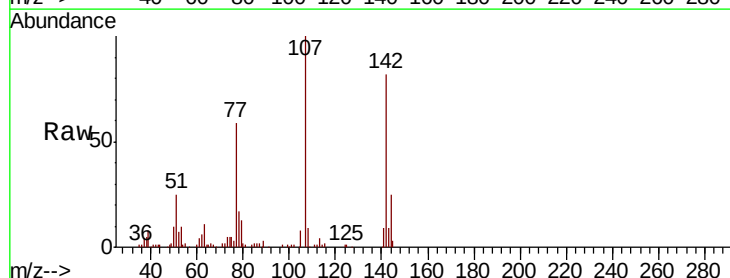
Tgt Ion:107 Resp: 88052

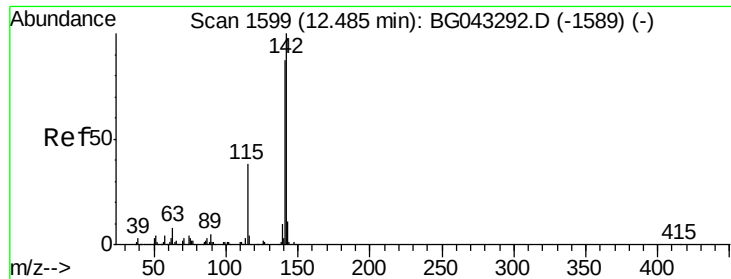
Ion Ratio Lower Upper

107 100

144 25.5 20.9 31.3

142 82.0 59.6 89.4





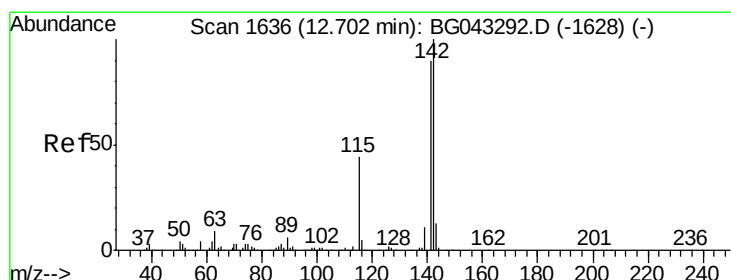
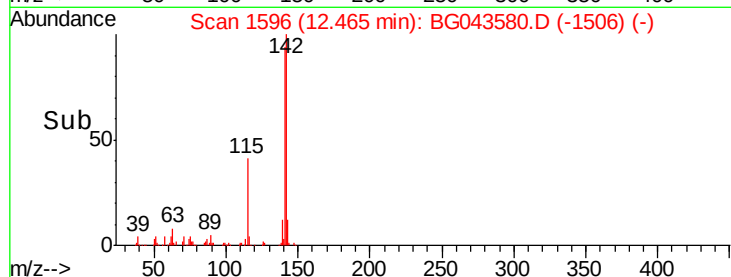
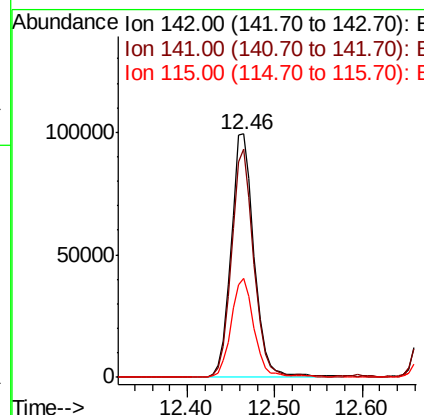
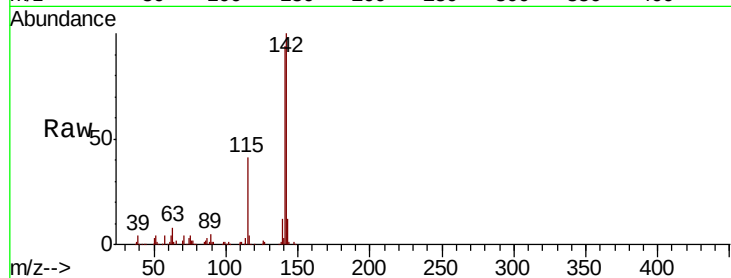
#37
2-Methylnaphthalene
Concen: 47.001 ng
RT: 12.46 min Scan# 1596
Delta R.T. -0.00 min
Lab File: BG043580.D
Acq: 8 Nov 2019 21:54

Instrument :
BNA_G
ClientSampleId :
SB-38-(2-4)MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	93.9	72.2	108.2
115	40.5	33.2	49.8

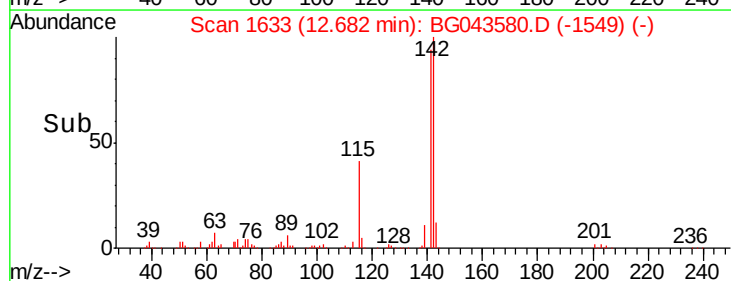
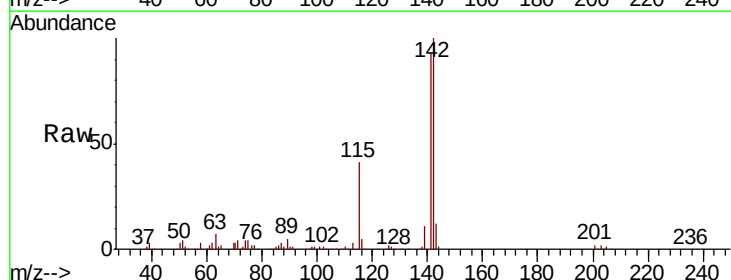
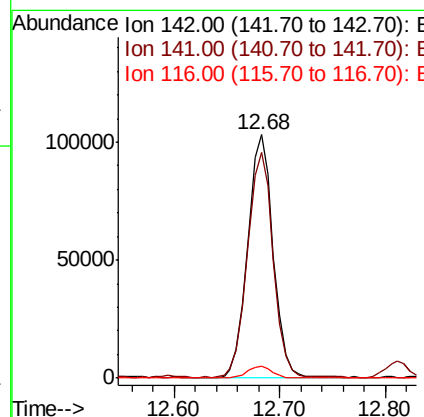
Manual Integrations
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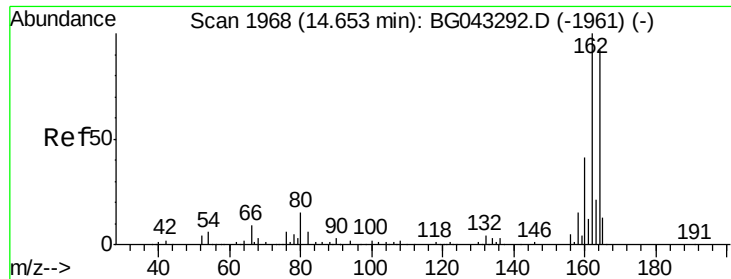
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#38
1-Methylnaphthalene
Concen: 47.268 ng
RT: 12.68 min Scan# 1633
Delta R.T. -0.01 min
Lab File: BG043580.D
Acq: 8 Nov 2019 21:54

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.9	73.2	109.8
116	4.8	3.6	5.4





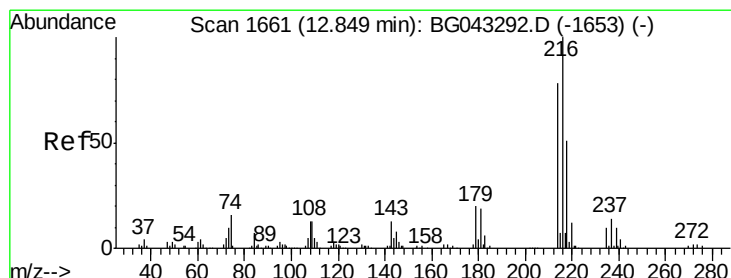
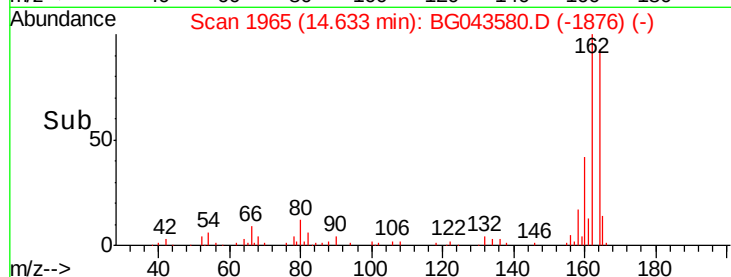
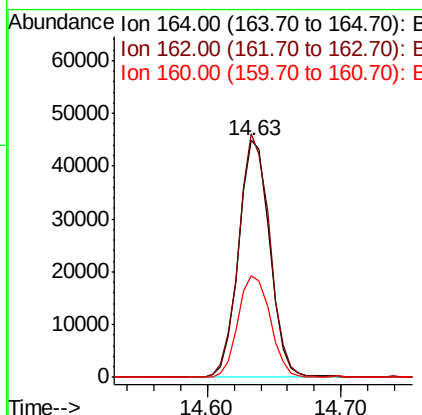
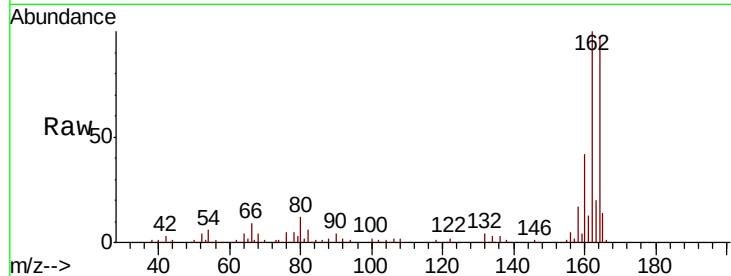
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.63 min Scan# 1965
 Delta R.T. -0.01 min
 Lab File: BG043580.D
 Acq: 8 Nov 2019 21:54

Instrument :
 BNA_G
 ClientSampleId :
 SB-38-(2-4)MS

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.8	83.5	125.3
160	42.8	36.5	54.7

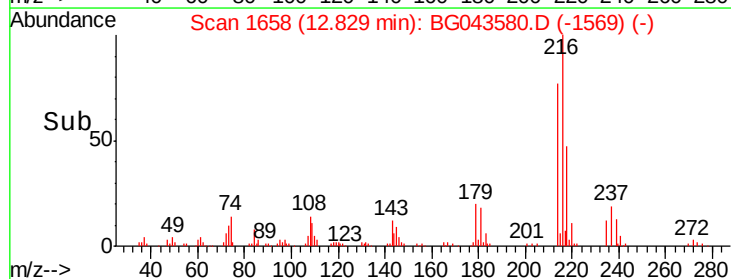
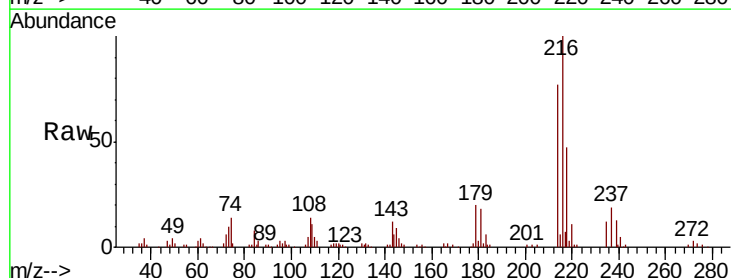
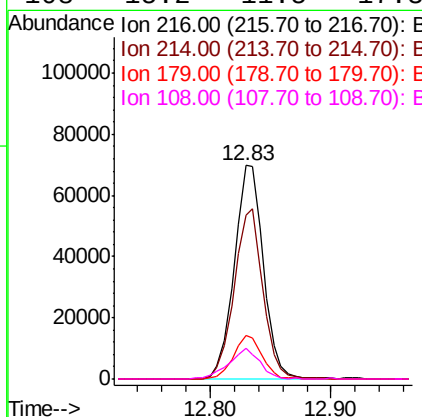
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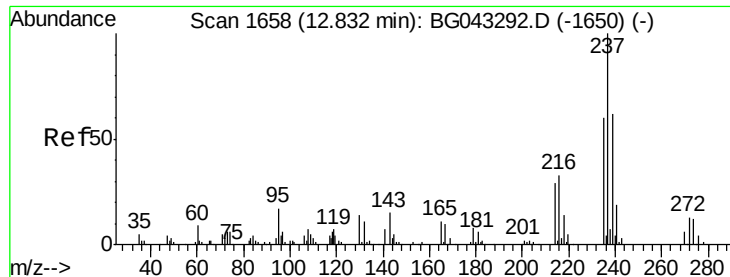
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#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 43.841 ng
 RT: 12.83 min Scan# 1658
 Delta R.T. -0.01 min
 Lab File: BG043580.D
 Acq: 8 Nov 2019 21:54

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.8	61.7	92.5
179	19.7	15.8	23.8
108	15.2	11.5	17.3





#41

Hexachlorocyclopentadiene

Concen: 72.720 ng

RT: 12.81 min Scan# 1655

Delta R.T. -0.01 min

Lab File: BG043580.D

Acq: 8 Nov 2019 21:54

Instrument :

BNA_G

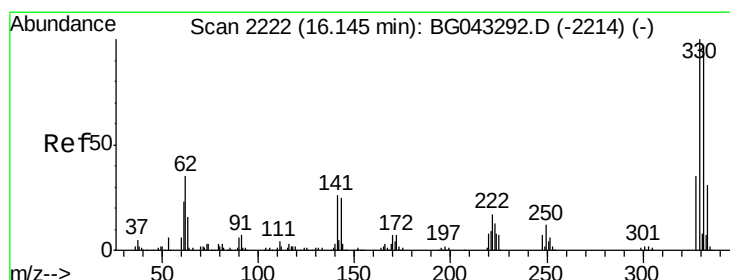
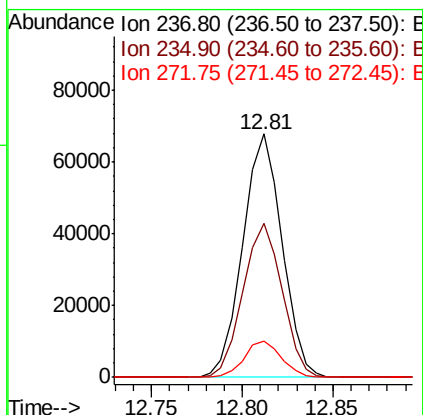
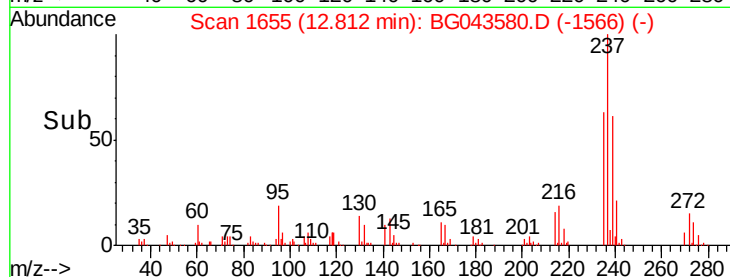
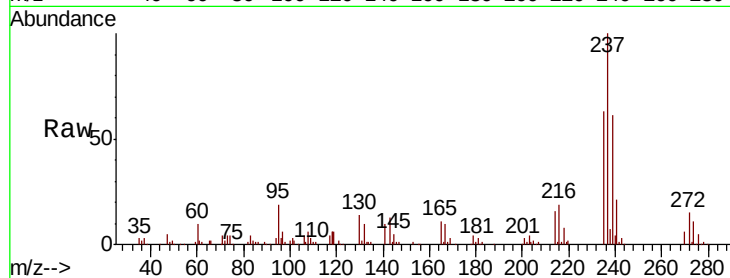
ClientSampleId :

SB-38-(2-4)MS

Tot Ion:	237	Resp:	102039
Ion Ratio	Lower	Upper	
237	100		
235	63.5	41.6	81.6
272	15.2	0.0	32.5

Manual Integrations
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#42

2,4,6-Tribromophenol

Concen: 131.016 ng

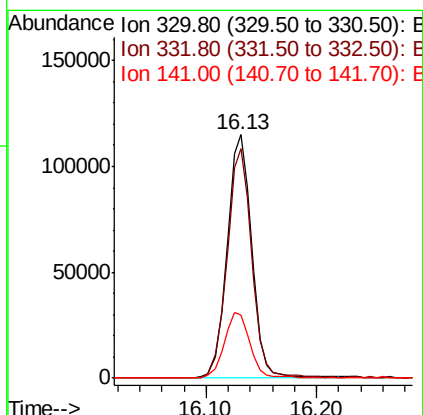
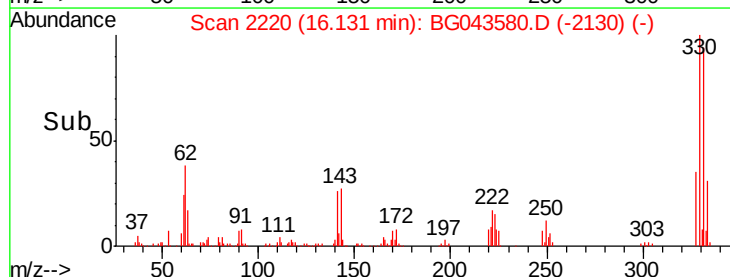
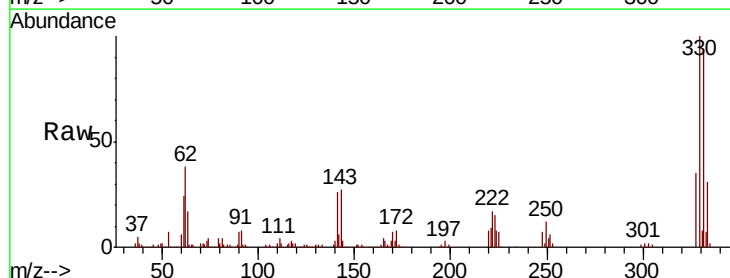
RT: 16.13 min Scan# 2220

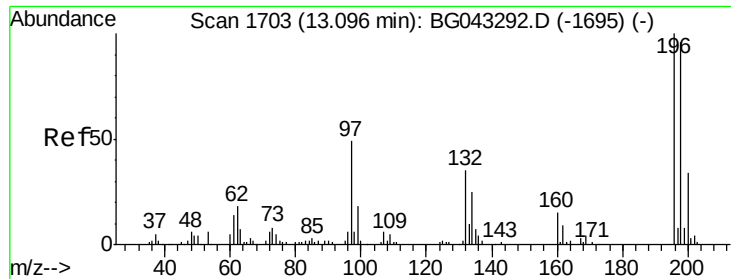
Delta R.T. -0.00 min

Lab File: BG043580.D

Acq: 8 Nov 2019 21:54

Tgt Ion:	330	Resp:	179955
Ion Ratio	Lower	Upper	
330	100		
332	94.2	77.4	116.0
141	28.2	22.8	34.2





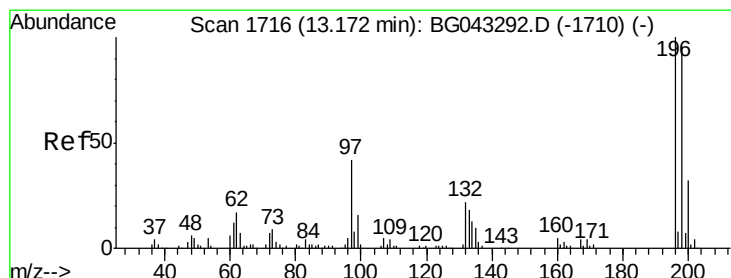
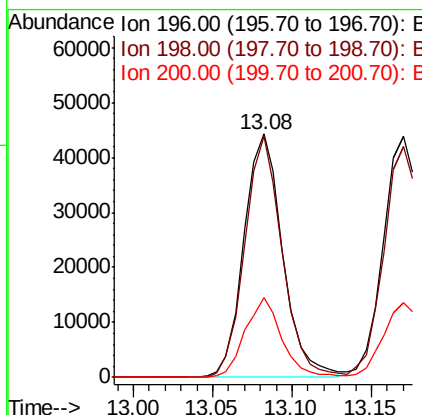
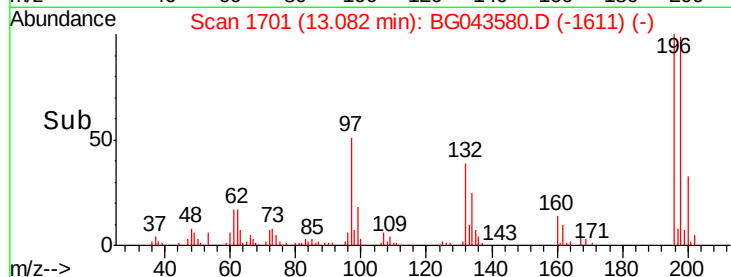
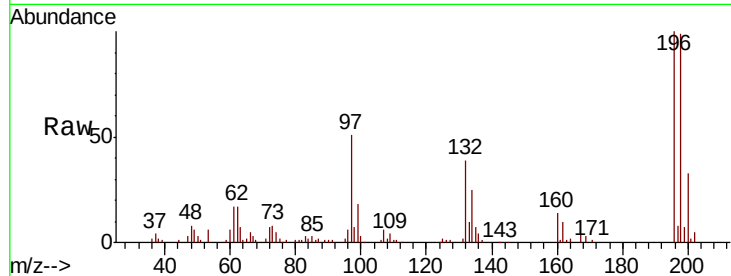
#43
 2,4,6-Trichlorophenol
 Concen: 47.905 ng
 RT: 13.08 min Scan# 1701
 Delta R.T. -0.00 min
 Lab File: BG043580.D
 Acq: 8 Nov 2019 21:54

Instrument :
 BNA_G
 ClientSampleId :
 SB-38-(2-4)MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	75358		
198	98.9	75.8	113.6	
200	32.6	23.9	35.9	

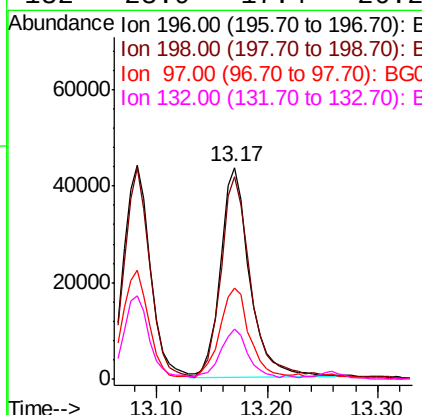
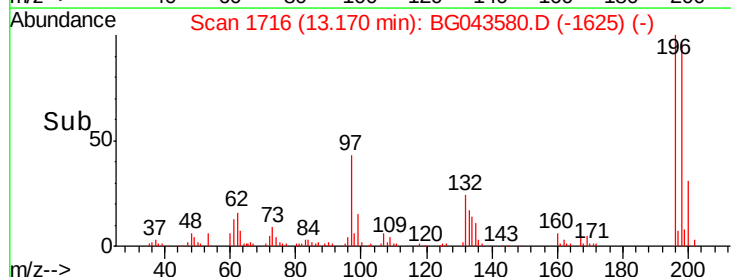
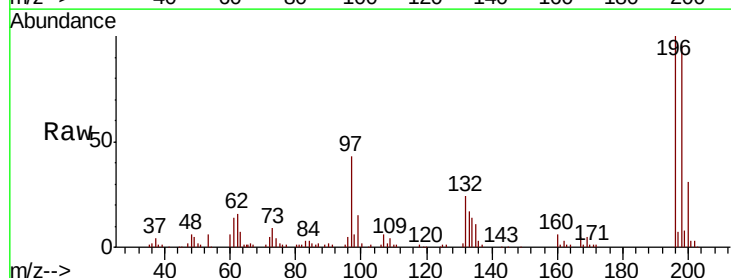
Manual Integrations
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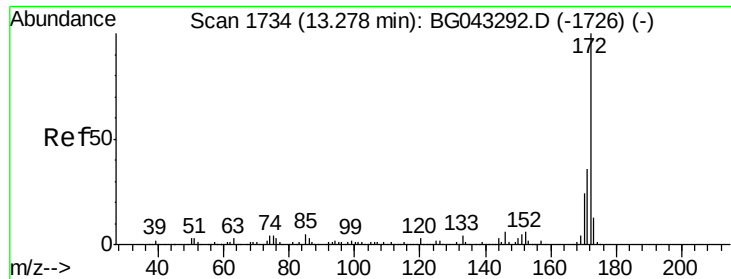
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 50.217 ng
 RT: 13.17 min Scan# 1716
 Delta R.T. 0.00 min
 Lab File: BG043580.D
 Acq: 8 Nov 2019 21:54

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	79863		
198	95.7	74.5	111.7	
97	43.1	36.3	54.5	
132	23.9	17.4	26.2	





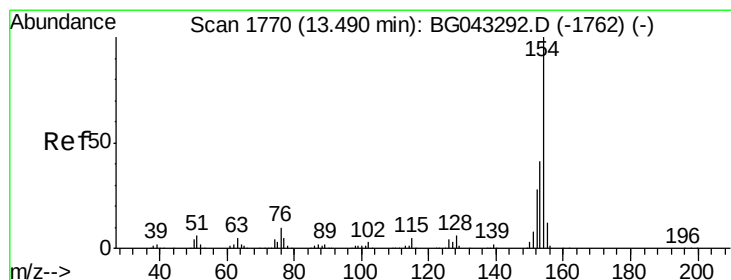
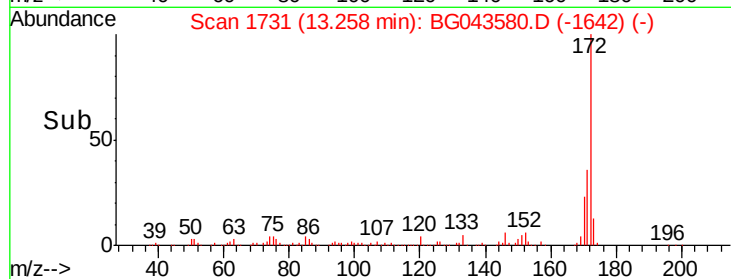
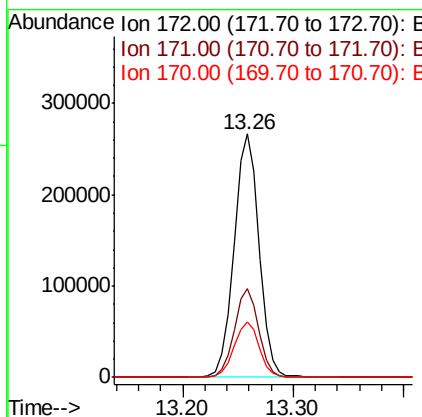
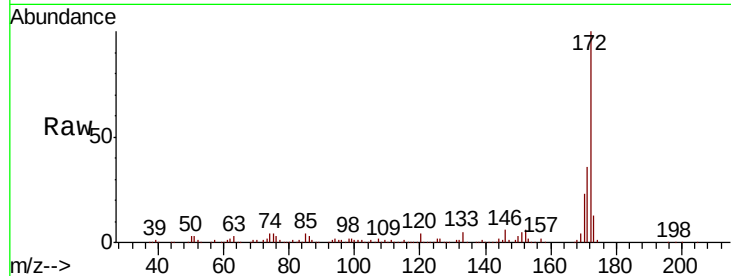
#45
2-Fluorobiphenyl
Concen: 80.934 ng
RT: 13.26 min Scan# 1731
Delta R.T. -0.01 min
Lab File: BG043580.D
Acq: 8 Nov 2019 21:54

Instrument :
BNA_G
ClientSampleId :
SB-38-(2-4)MS

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.4	28.9	43.3
170	22.6	18.5	27.7

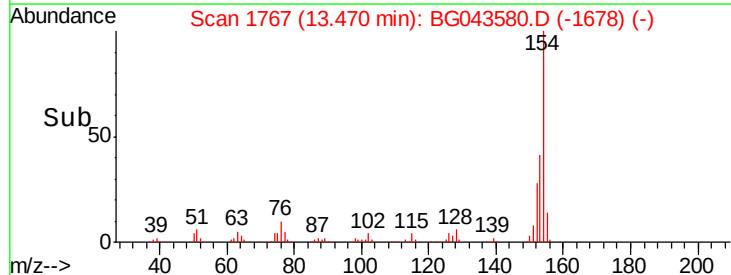
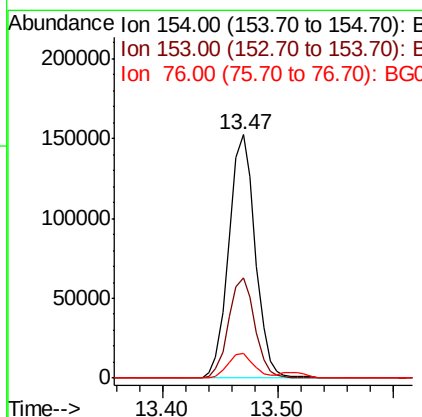
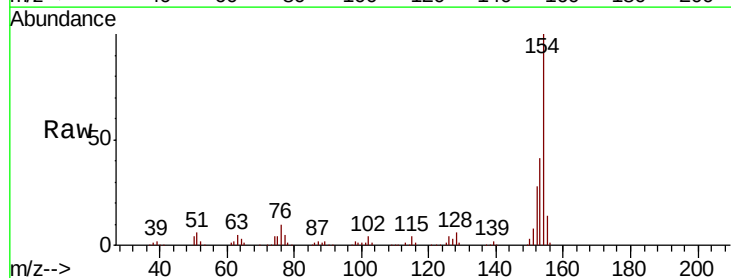
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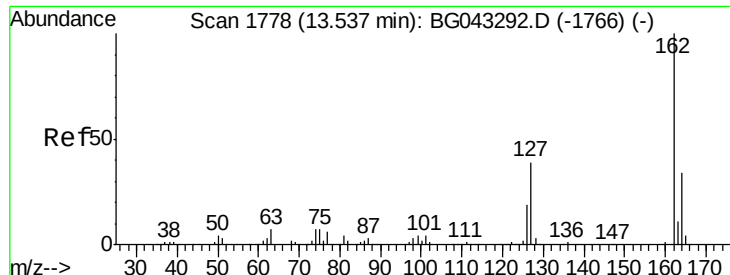
mohammad
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#46
1,1'-Biphenyl
Concen: 44.030 ng
RT: 13.47 min Scan# 1767
Delta R.T. -0.01 min
Lab File: BG043580.D
Acq: 8 Nov 2019 21:54

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.2	19.9	59.9
76	10.1	0.0	29.4





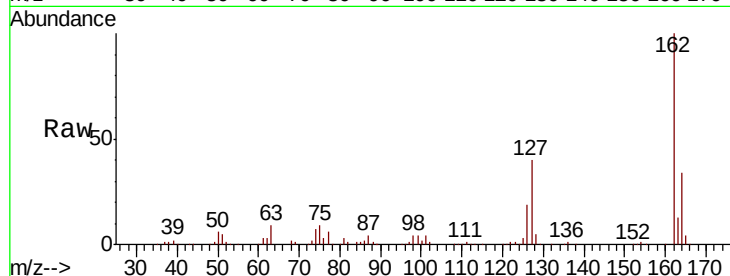
#47
2-Chloronaphthalene
Concen: 45.102 ng
RT: 13.51 min Scan# 1774
Delta R.T. -0.01 min
Lab File: BG043580.D
Acq: 8 Nov 2019 21:54

Instrument :
BNA_G
ClientSampleId :
SB-38-(2-4)MS

Tot Ion	Ratio	Lower	Upper
162	100		
127	40.1	31.2	46.8
164	33.7	25.8	38.8

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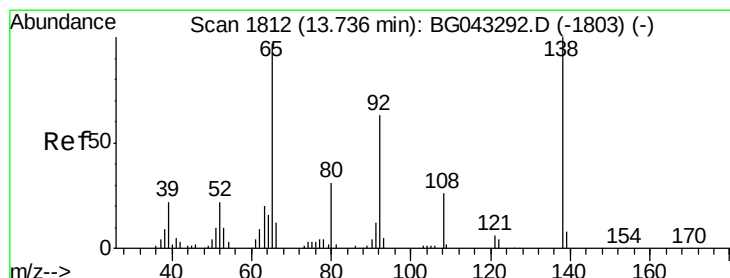
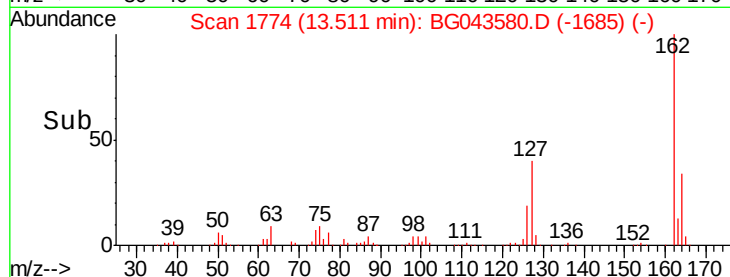
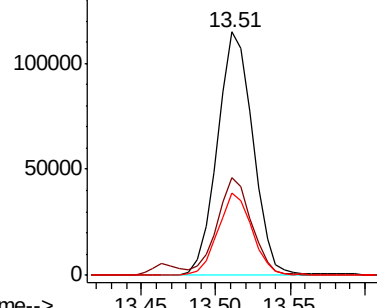


Abundance

Ion 162.00 (161.70 to 162.70): E

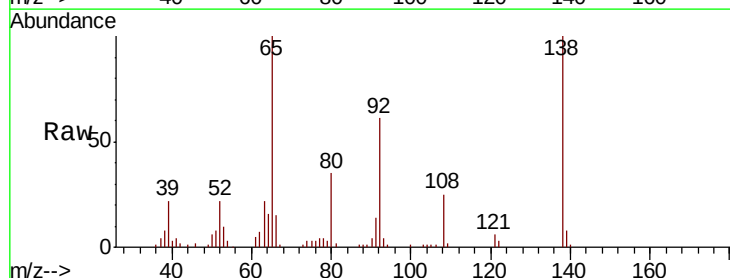
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
2-Nitroaniline
Concen: 47.956 ng
RT: 13.72 min Scan# 1810
Delta R.T. -0.00 min
Lab File: BG043580.D
Acq: 8 Nov 2019 21:54

Tgt Ion	Ratio	Lower	Upper
65	100		
92	60.9	56.2	84.2
138	100.1	82.6	123.8

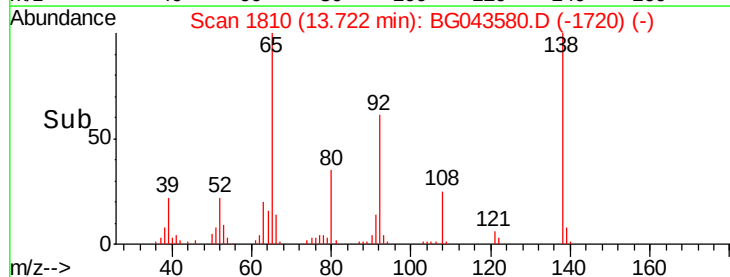
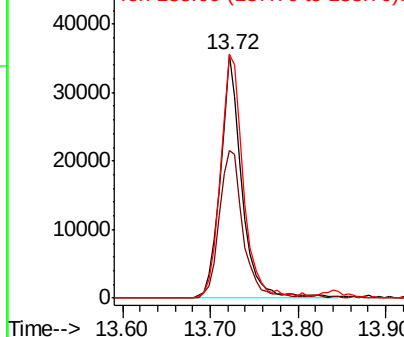


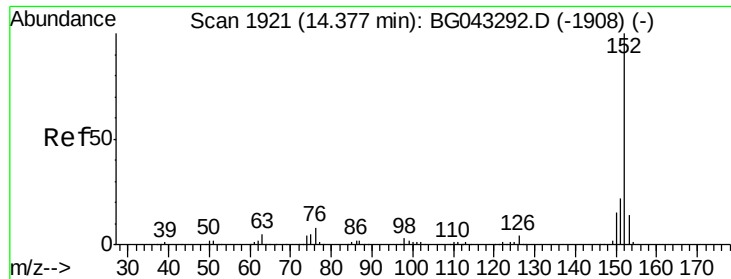
Abundance

Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 48.624 ng

RT: 14.36 min Scan# 1918

Delta R.T. -0.01 min

Lab File: BG043580.D

Acq: 8 Nov 2019 21:54

Instrument :

BNA_G

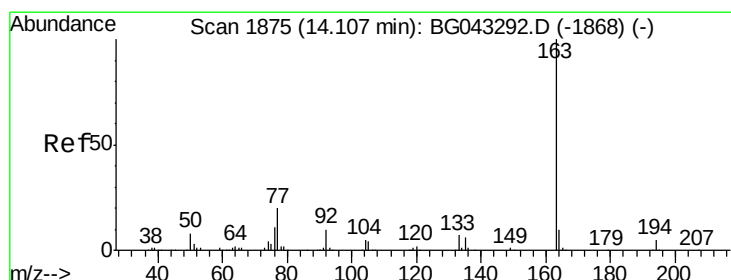
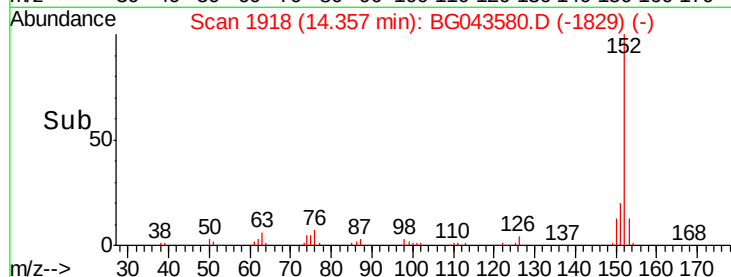
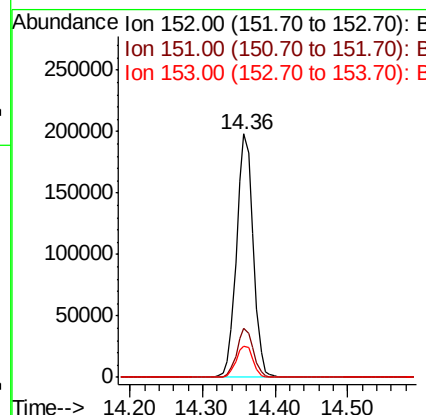
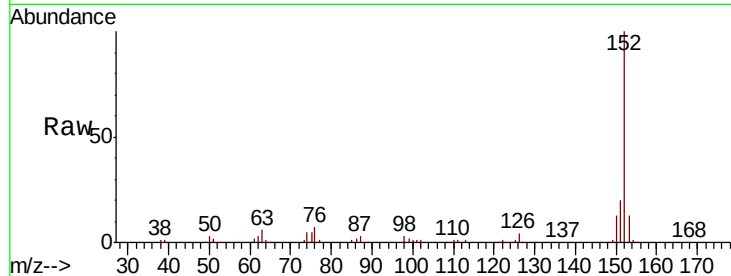
ClientSampleId :

SB-38-(2-4)MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
152	100		316160		
151	20.3	16.2	24.4		
153	13.1	10.6	15.8		

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#50

Dimethylphthalate

Concen: 53.701 ng

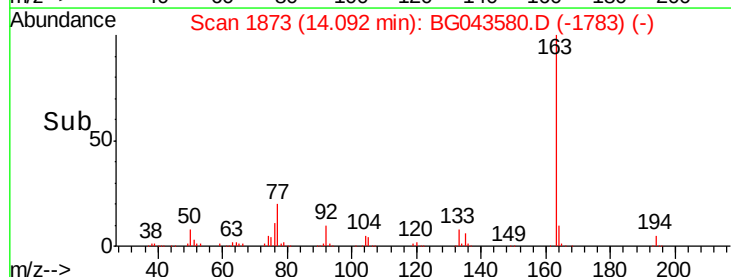
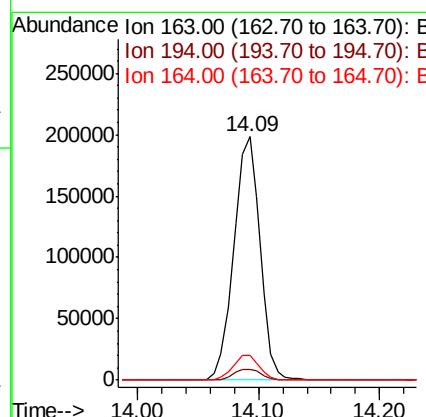
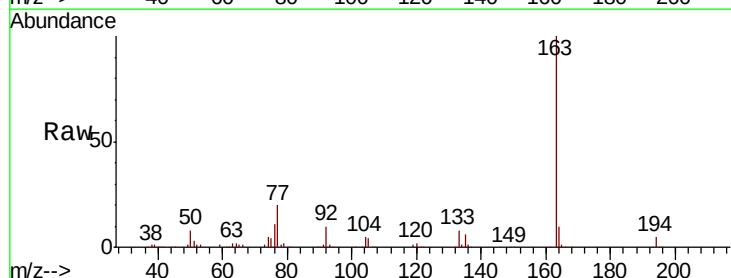
RT: 14.09 min Scan# 1873

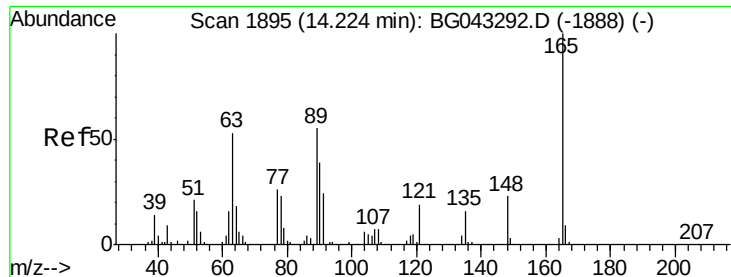
Delta R.T. -0.00 min

Lab File: BG043580.D

Acq: 8 Nov 2019 21:54

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
163	100		300222		
194	4.6	3.8	5.6		
164	9.9	8.9	13.3		





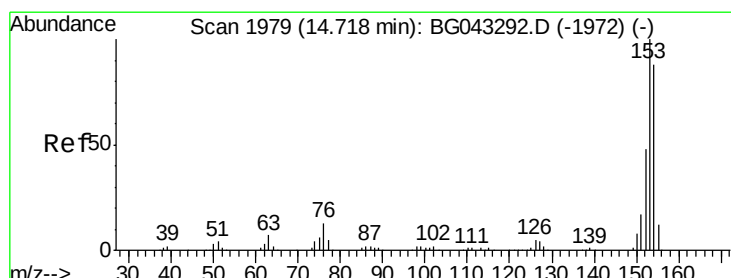
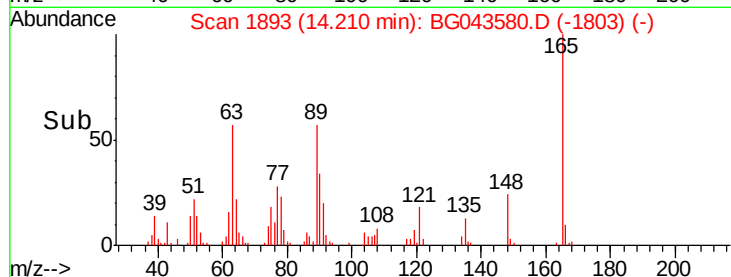
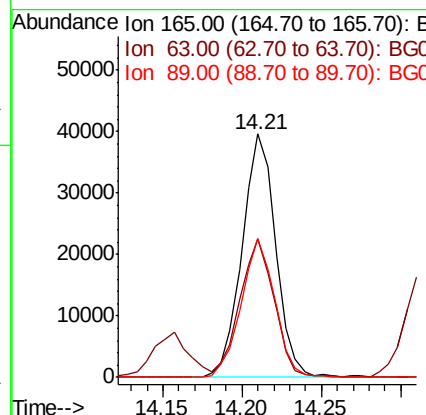
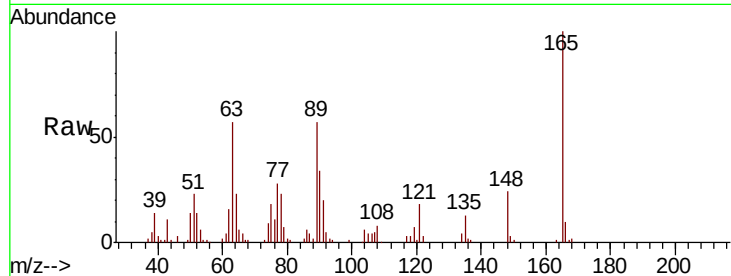
#51
2,6-Dinitrotoluene
Concen: 47.846 ng
RT: 14.21 min Scan# 1893
Delta R.T. -0.00 min
Lab File: BG043580.D
Acq: 8 Nov 2019 21:54

Instrument :
BNA_G
ClientSampleId :
SB-38-(2-4)MS

Tot Ion	Ratio	Lower	Upper
165	100		
63	57.1	46.6	69.8
89	56.7	45.1	67.7

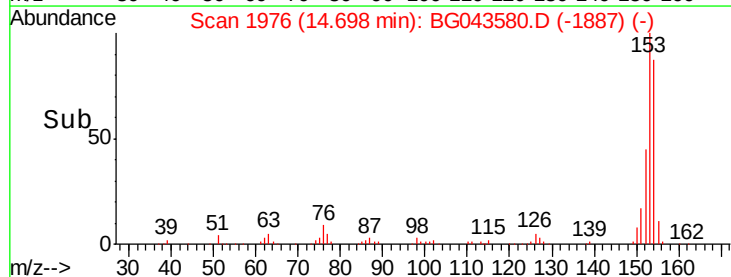
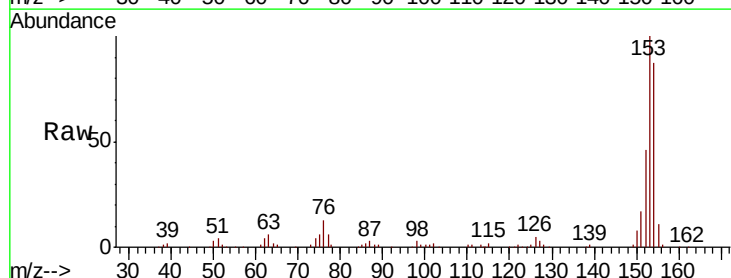
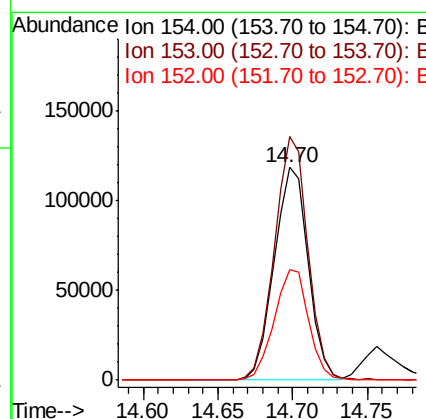
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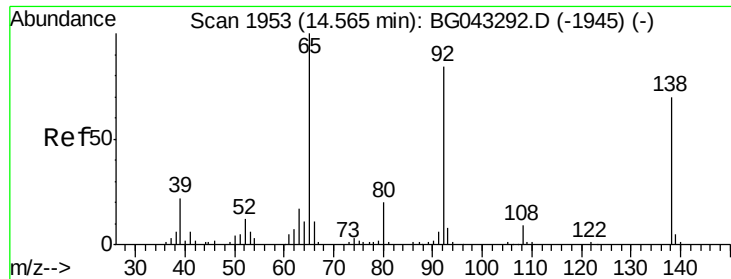
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#52
Acenaphthene
Concen: 47.600 ng
RT: 14.70 min Scan# 1976
Delta R.T. -0.01 min
Lab File: BG043580.D
Acq: 8 Nov 2019 21:54

Tgt Ion	Ratio	Lower	Upper
154	100		
153	114.7	88.2	132.2
152	52.2	40.0	60.0





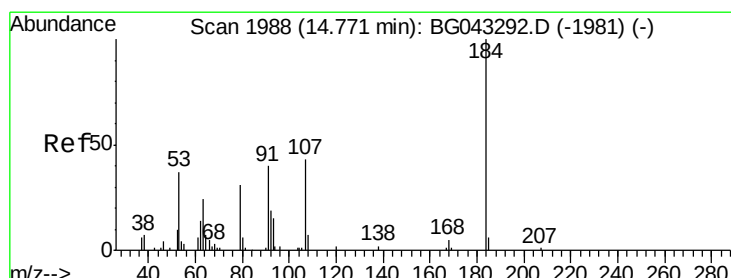
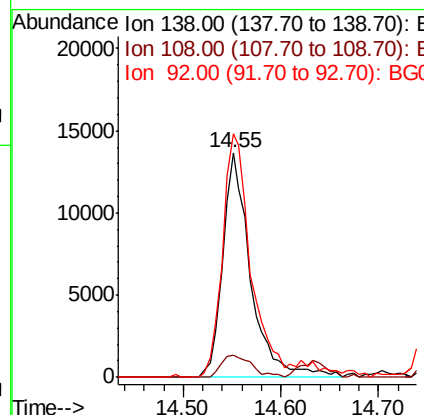
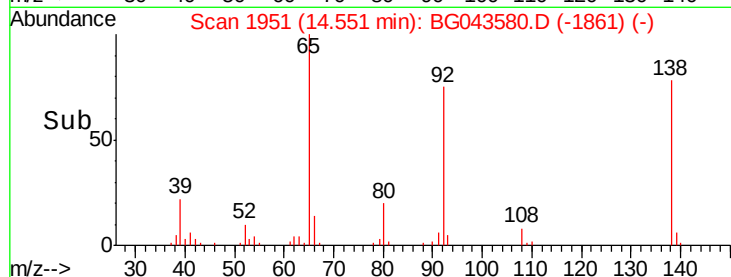
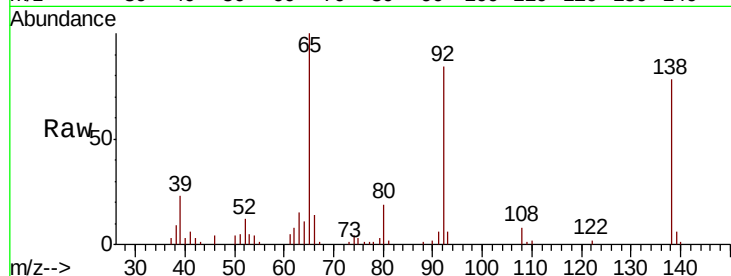
#53
3-Nitroaniline
Concen: 23.128 ng
RT: 14.55 min Scan# 1951
Delta R.T. -0.00 min
Lab File: BG043580.D
Acq: 8 Nov 2019 21:54

Instrument :
BNA_G
ClientSampleId :
SB-38-(2-4)MS

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.8	8.0	12.0
92	108.4	90.9	136.3

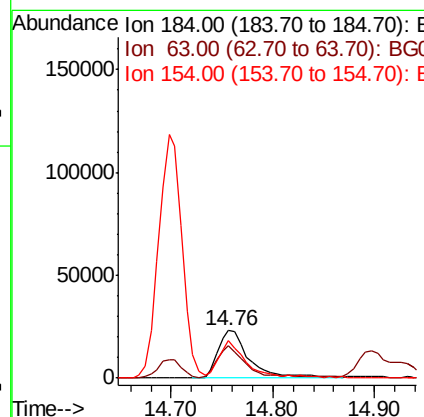
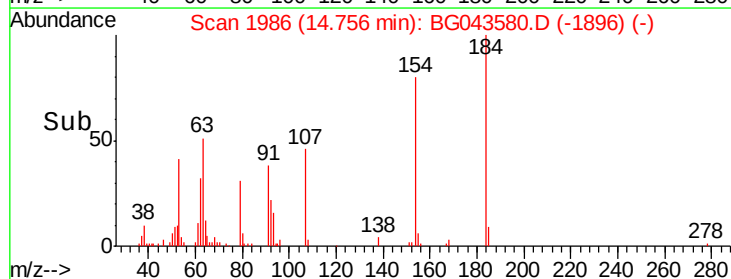
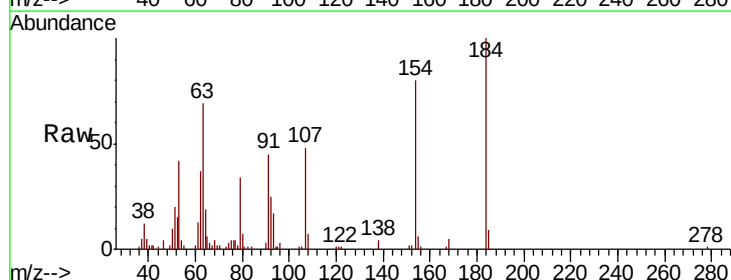
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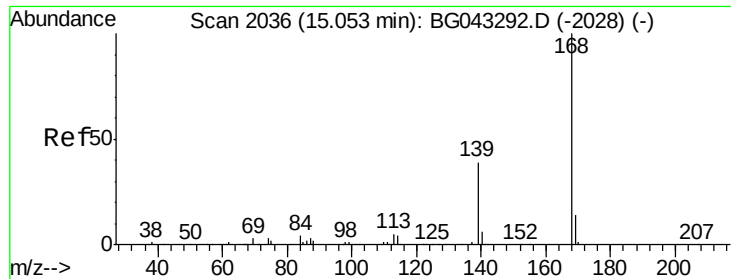
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#54
2,4-Dinitrophenol
Concen: 67.442 ng
RT: 14.76 min Scan# 1986
Delta R.T. -0.00 min
Lab File: BG043580.D
Acq: 8 Nov 2019 21:54

Tgt Ion	Ratio	Lower	Upper
184	100		
63	69.1	51.3	76.9
154	80.2	55.4	83.0





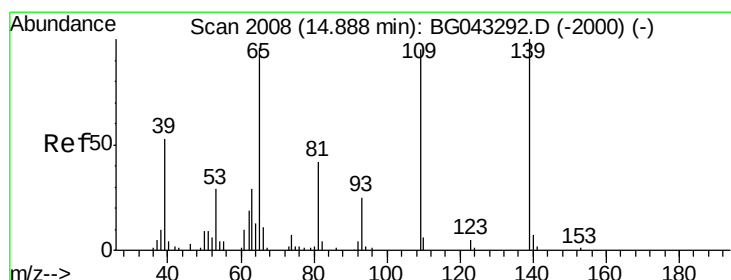
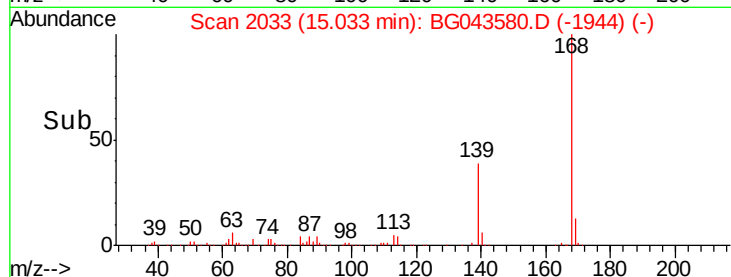
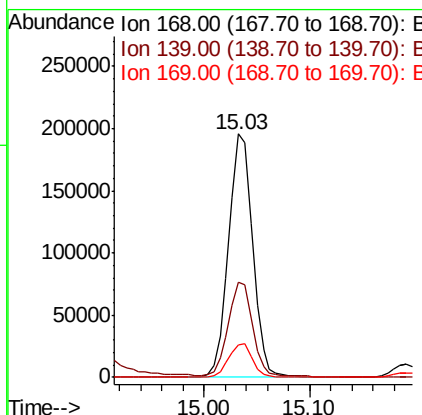
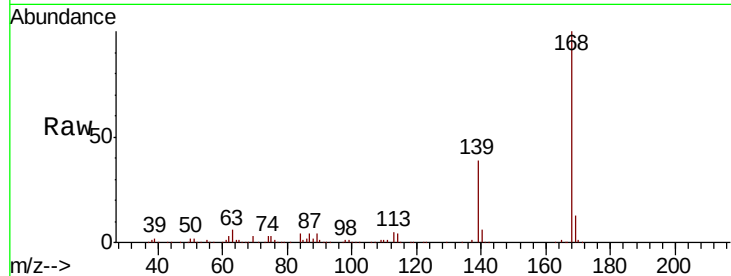
#55
Dibenzenofuran
Concen: 48.085 ng
RT: 15.03 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BG043580.D
Acq: 8 Nov 2019 21:54

Instrument :
BNA_G
ClientSampleId :
SB-38-(2-4)MS

Tot Ion	Ratio	Lower	Upper
168	100		
139	39.0	31.0	46.6
169	13.4	11.7	17.5

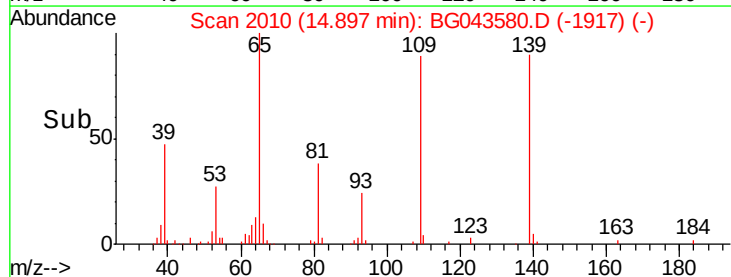
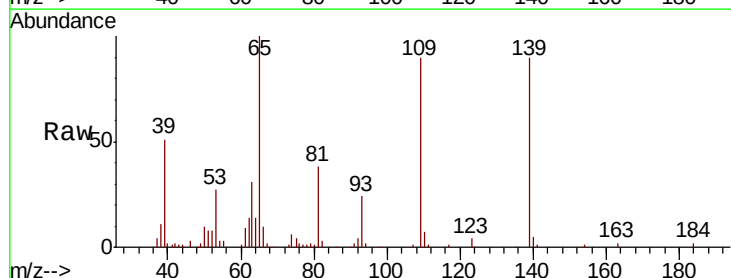
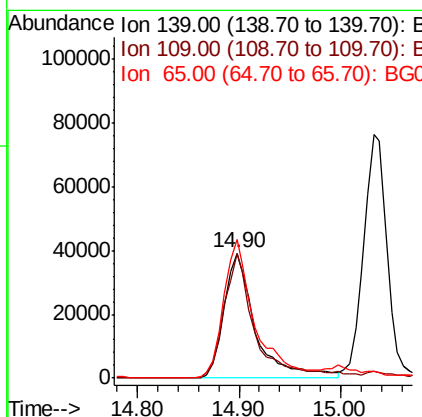
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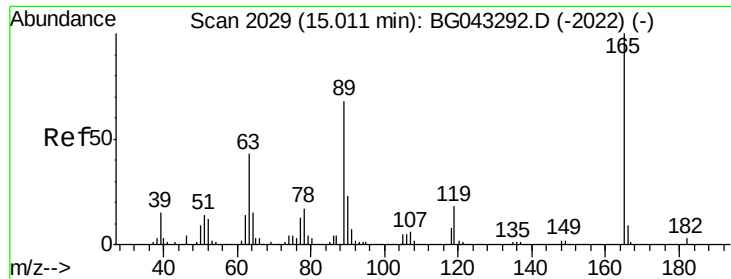
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#56
4-Nitrophenol
Concen: 106.939 ng
RT: 14.90 min Scan# 2010
Delta R.T. 0.02 min
Lab File: BG043580.D
Acq: 8 Nov 2019 21:54

Tgt Ion	Ratio	Lower	Upper
139	100		
109	100.0	87.2	127.2
65	111.1	83.8	123.8





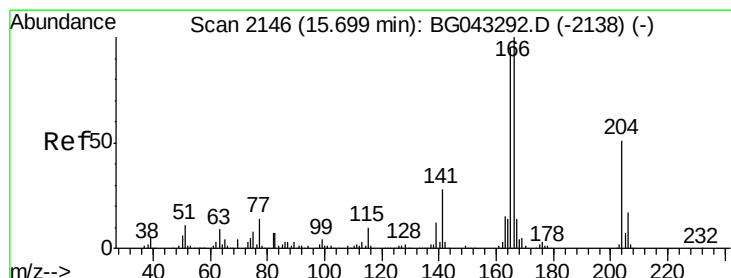
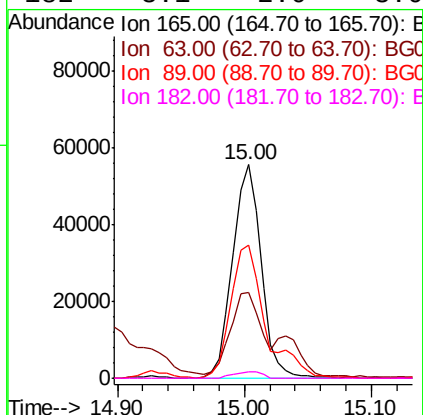
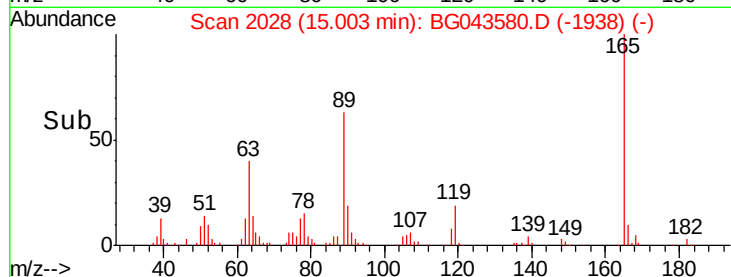
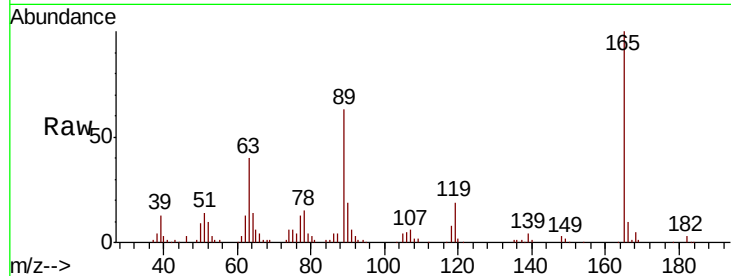
#57
2,4-Dinitrotoluene
Concen: 50.079 ng
RT: 15.00 min Scan# 2028
Delta R.T. -0.00 min
Lab File: BG043580.D
Acq: 8 Nov 2019 21:54

Instrument :
BNA_G
ClientSampleId :
SB-38-(2-4)MS

Tot Ion	Ratio	Lower	Upper
165	100		
63	40.0	33.2	49.8
89	62.6	52.2	78.4
182	3.1	2.0	3.0#

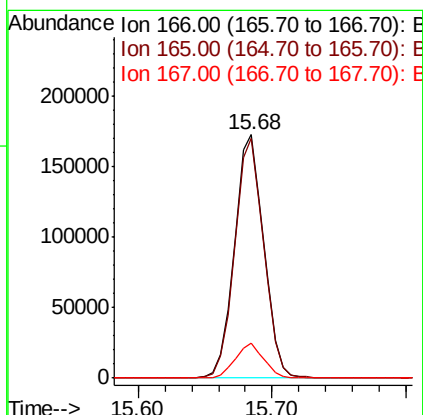
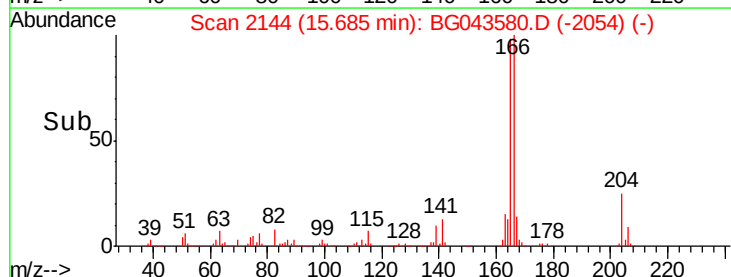
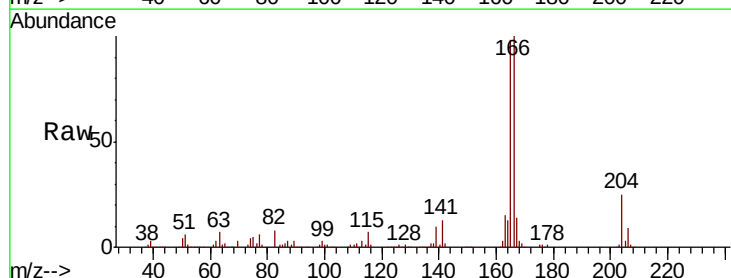
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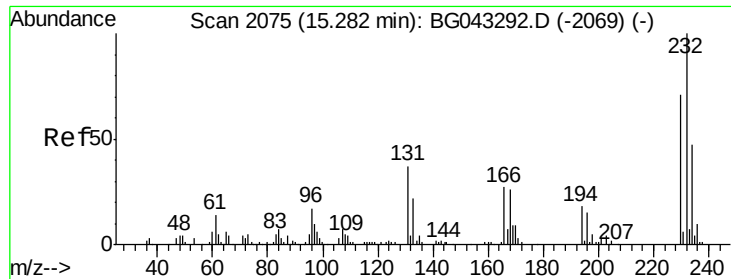
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#58
Fluorene
Concen: 48.674 ng
RT: 15.68 min Scan# 2144
Delta R.T. -0.00 min
Lab File: BG043580.D
Acq: 8 Nov 2019 21:54

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.4	79.0	118.6
167	14.2	10.5	15.7





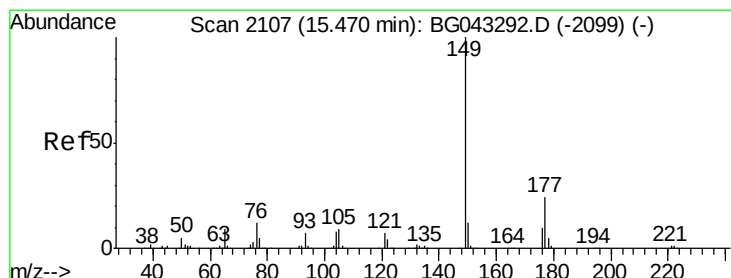
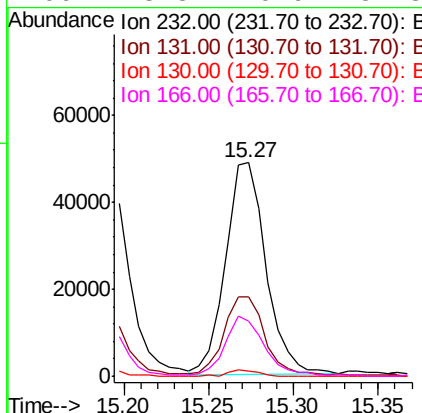
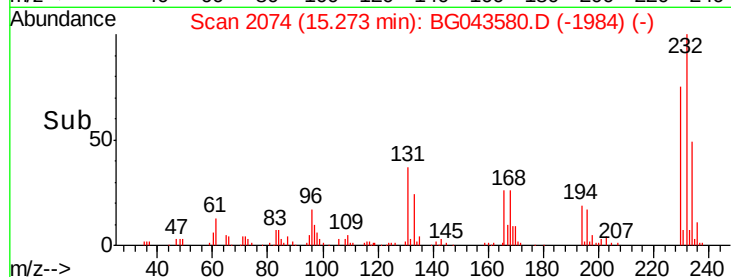
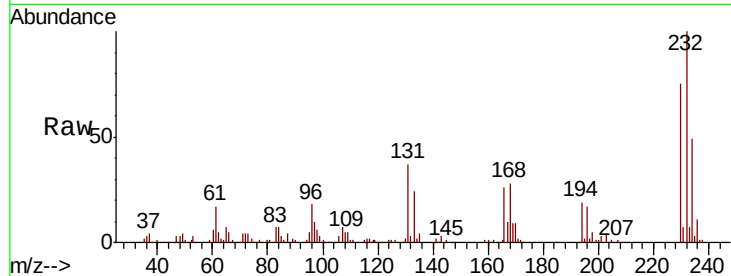
#59
2,3,4,6-Tetrachlorophenol
Concen: 47.859 ng
RT: 15.27 min Scan# 2074
Delta R.T. -0.00 min
Lab File: BG043580.D
Acq: 8 Nov 2019 21:54

Instrument :
BNA_G
ClientSampleId :
SB-38-(2-4)MS

Tot Ion	Ratio	Lower	Upper
232	100		
131	40.2	26.9	40.3
130	2.2	1.8	2.6
166	28.3	20.9	31.3

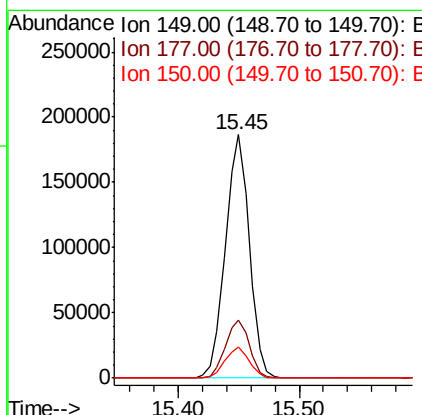
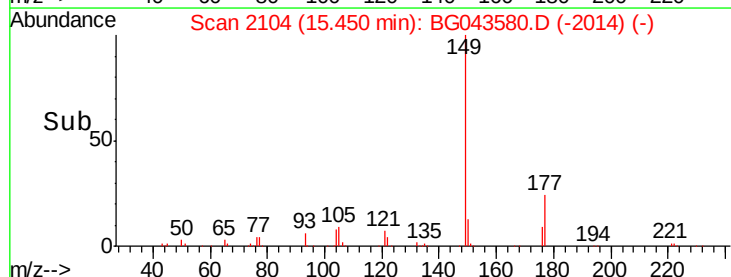
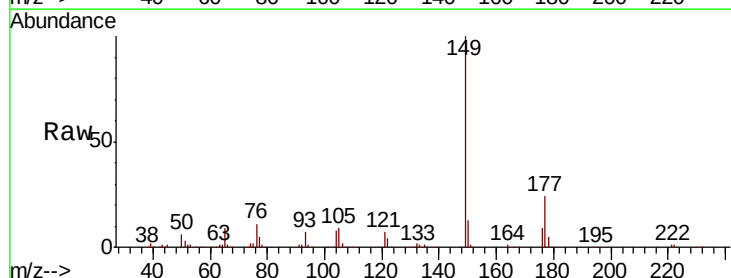
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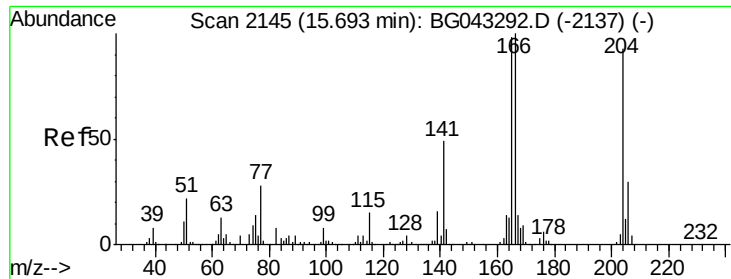
mohammad
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#60
Diethylphthalate
Concen: 45.592 ng
RT: 15.45 min Scan# 2104
Delta R.T. -0.00 min
Lab File: BG043580.D
Acq: 8 Nov 2019 21:54

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.7	19.6	29.4
150	12.9	10.8	16.2





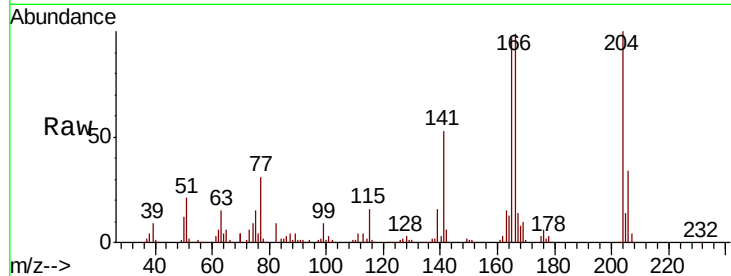
#61
4-Chlorophenyl-phenylether
Concen: 47.121 ng
RT: 15.67 min Scan# 2142
Delta R.T. -0.01 min
Lab File: BG043580.D
Acq: 8 Nov 2019 21:54

Instrument :
BNA_G
ClientSampleId :
SB-38-(2-4)MS

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.8	28.4	42.6
141	53.5	43.0	64.6

Manual Integrations
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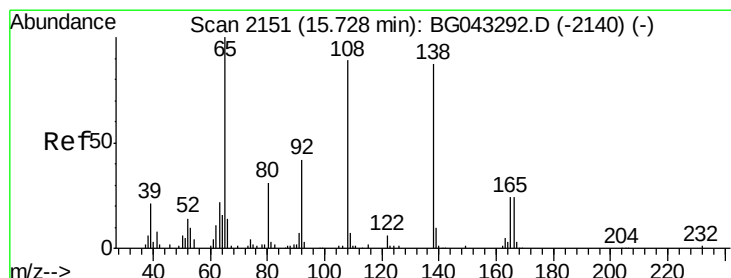
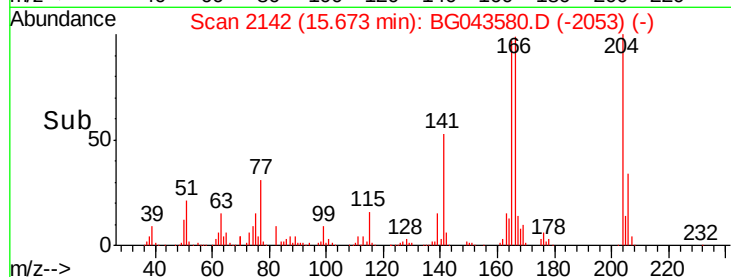
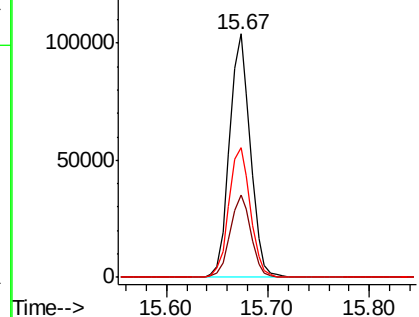


Abundance

Ion 204.00 (203.70 to 204.70): E

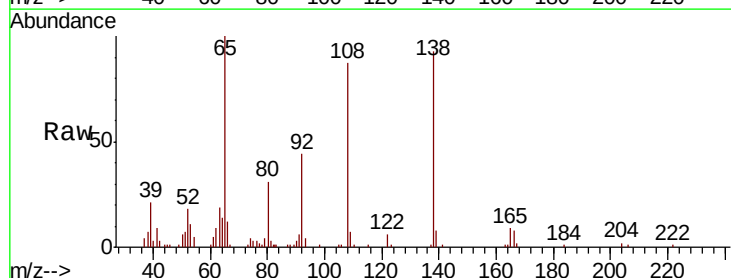
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 46.974 ng
RT: 15.71 min Scan# 2149
Delta R.T. -0.00 min
Lab File: BG043580.D
Acq: 8 Nov 2019 21:54

Tgt Ion	Ratio	Lower	Upper
138	100		
92	47.8	33.4	73.4
108	93.5	78.0	118.0

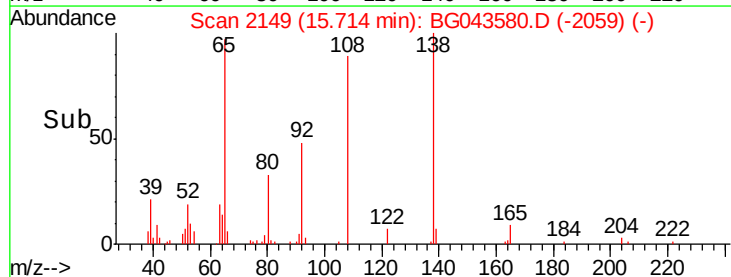
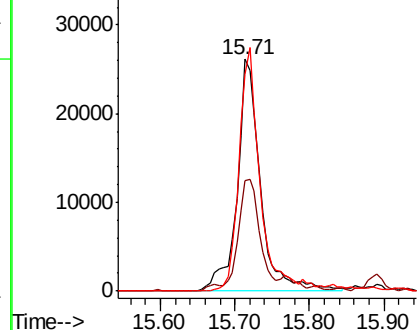


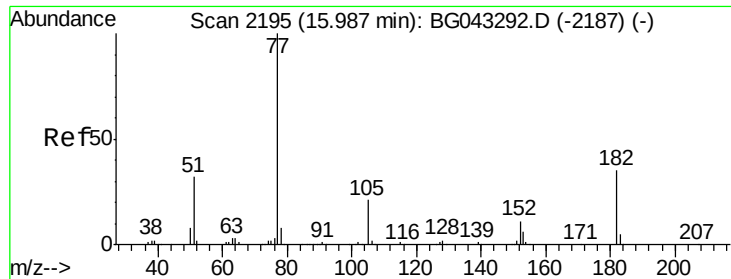
Abundance

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





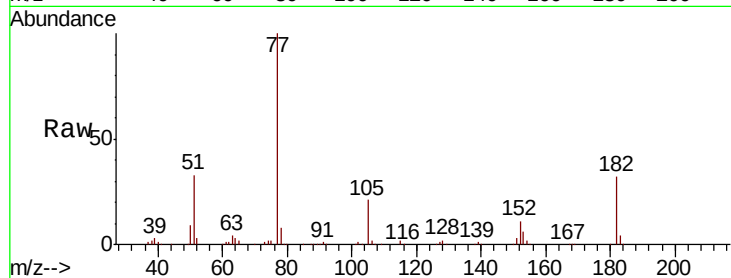
#63
Azobenzene
Concen: 49.570 ng
RT: 15.97 min Scan# 2192
Delta R.T. -0.01 min
Lab File: BG043580.D
Acq: 8 Nov 2019 21:54

Instrument :
BNA_G
ClientSampleId :
SB-38-(2-4)MS

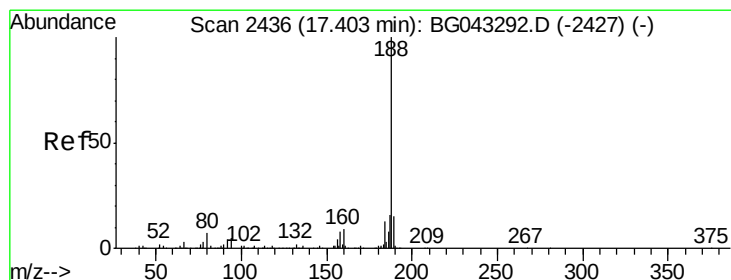
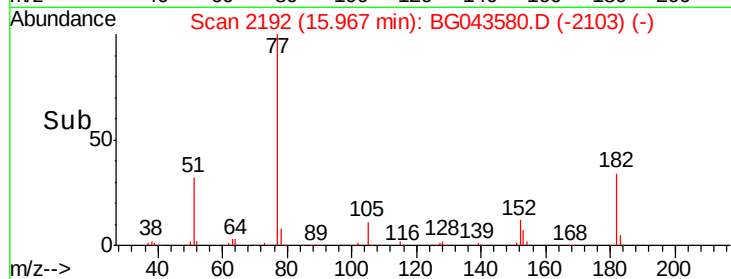
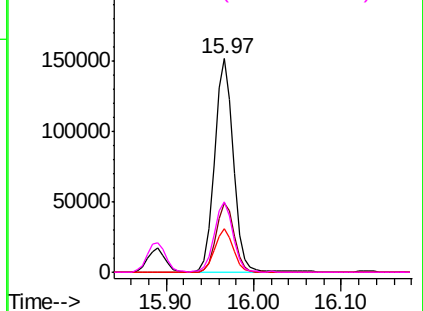
Tot Ion	Ratio	Lower	Upper
77	100		
182	32.2	13.7	53.7
105	20.6	0.4	40.4
51	32.7	11.0	51.0

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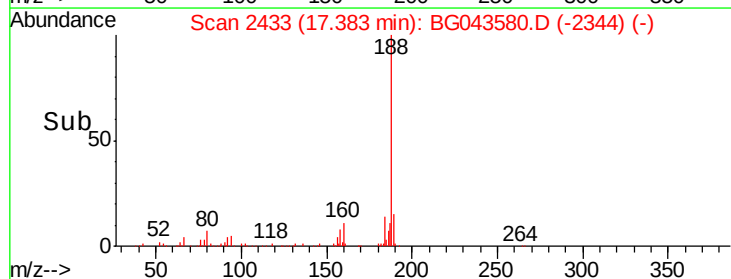
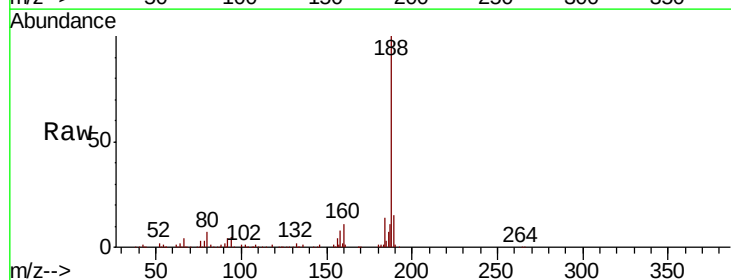
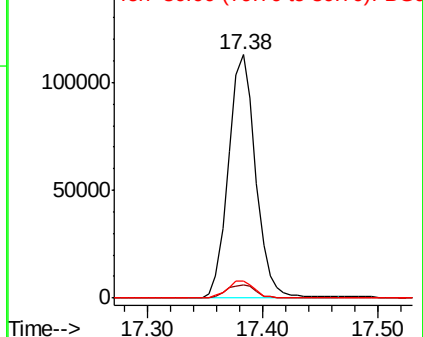
Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

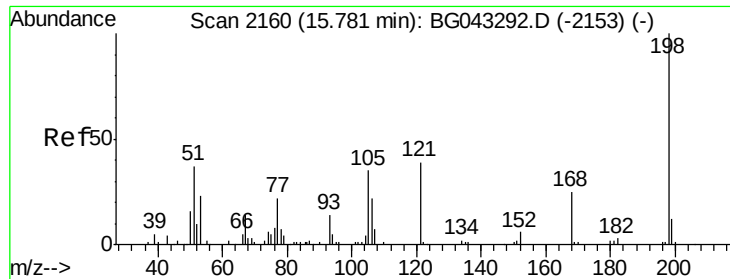


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.38 min Scan# 2433
Delta R.T. -0.01 min
Lab File: BG043580.D
Acq: 8 Nov 2019 21:54

Tgt Ion	Ratio	Lower	Upper
188	100		
94	5.3	4.2	6.4
80	6.8	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





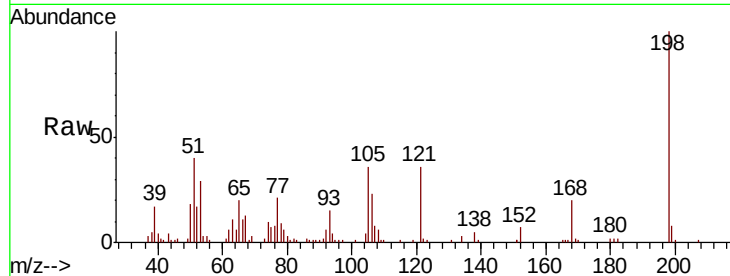
#65
4,6-Dinitro-2-methylphenol
Concen: 43.060 ng
RT: 15.77 min Scan# 2158
Delta R.T. -0.01 min
Lab File: BG043580.D
Acq: 8 Nov 2019 21:54

Instrument :
BNA_G
ClientSampleId :
SB-38-(2-4)MS

Tot Ion	Ratio	Lower	Upper
198	100		
51	39.9	13.2	53.2
105	36.0	15.8	55.8

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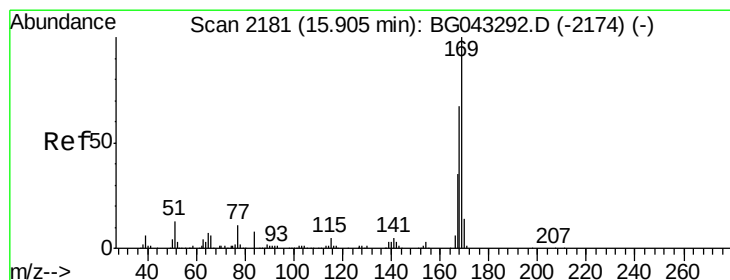
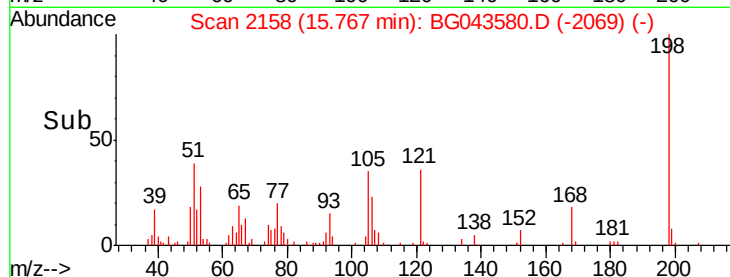
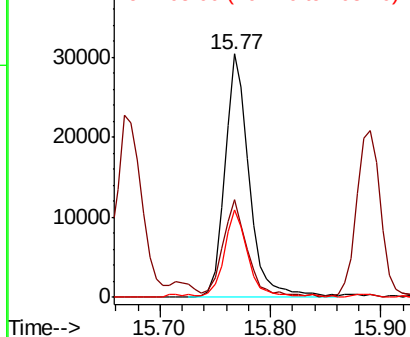


Abundance

Ion 198.00 (197.70 to 198.70): E

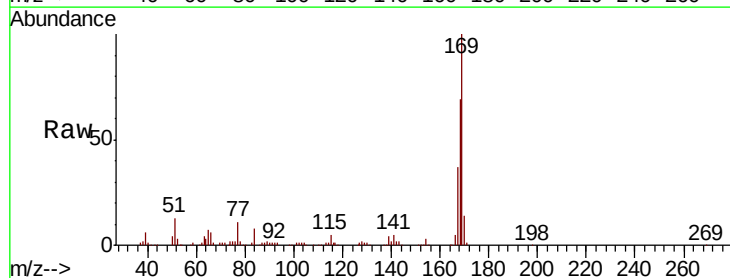
Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66
n-Nitrosodiphenylamine
Concen: 44.916 ng
RT: 15.89 min Scan# 2179
Delta R.T. -0.00 min
Lab File: BG043580.D
Acq: 8 Nov 2019 21:54

Tgt Ion	Ratio	Lower	Upper
169	100		
168	69.1	53.8	80.6
167	36.5	27.5	41.3

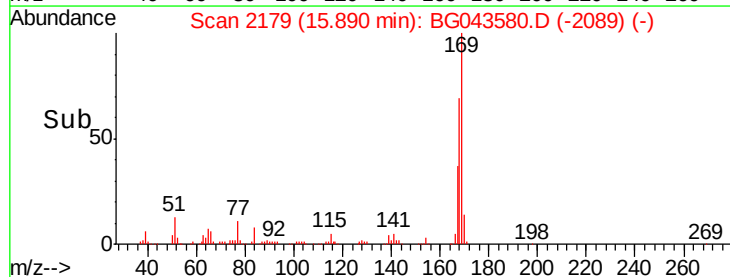
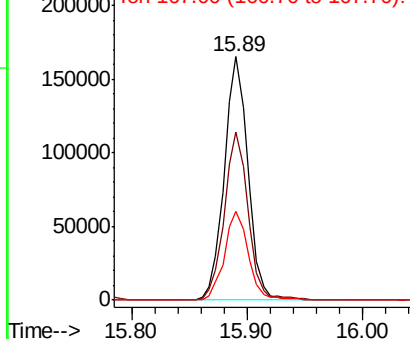


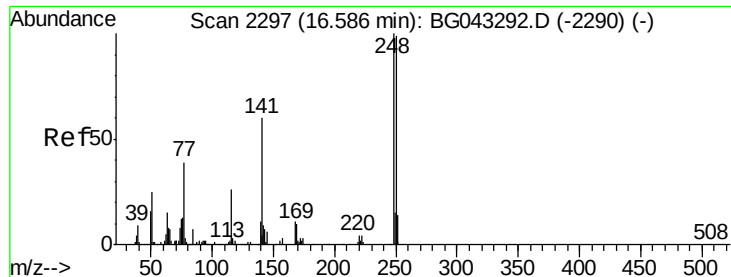
Abundance

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





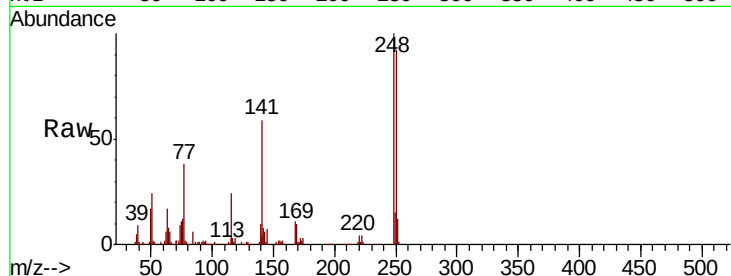
#67
4-Bromophenyl-phenylether
Concen: 43.793 ng
RT: 16.57 min Scan# 2294
Delta R.T. -0.01 min
Lab File: BG043580.D
Acq: 8 Nov 2019 21:54

Instrument :
BNA_G
ClientSampled :
SB-38-(2-4)MS

Tot Ion	Ratio	Lower	Upper
248	100		
250	92.4	77.0	115.4
141	58.7	47.5	71.3

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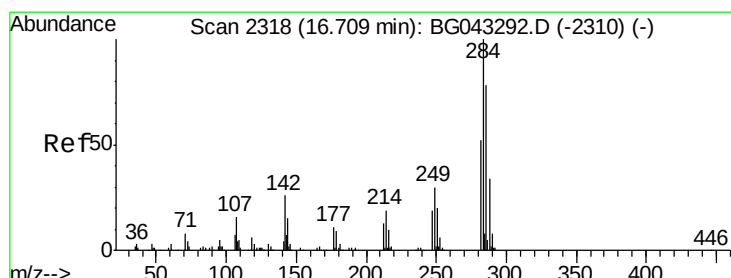
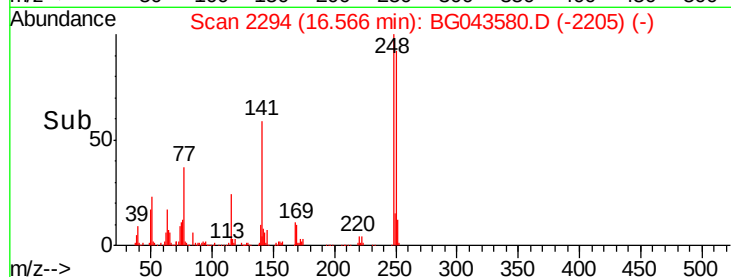
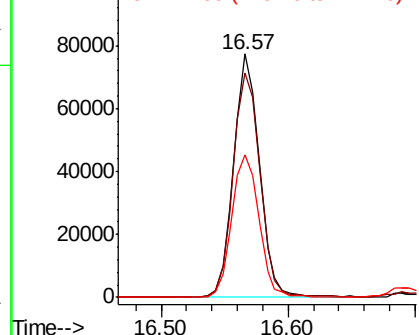


Abundance

Ion 248.00 (247.70 to 248.70): E

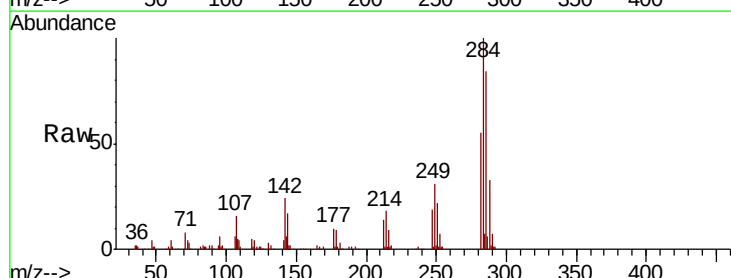
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 42.160 ng
RT: 16.70 min Scan# 2316
Delta R.T. -0.00 min
Lab File: BG043580.D
Acq: 8 Nov 2019 21:54

Tgt Ion	Ratio	Lower	Upper
284	100		
142	23.7	19.8	29.8
249	31.1	23.8	35.6

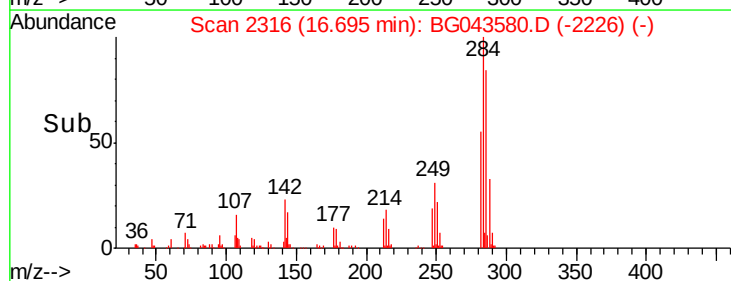
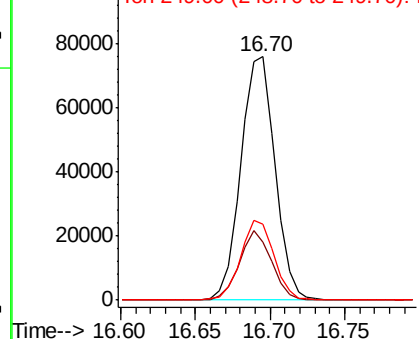


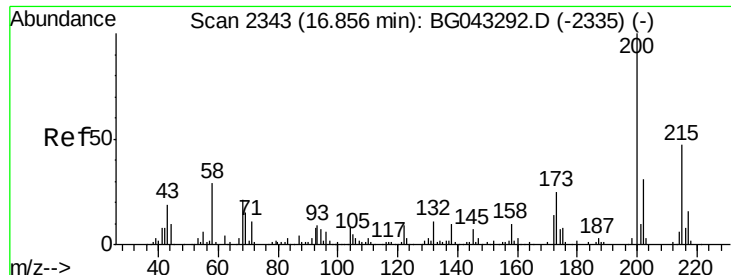
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





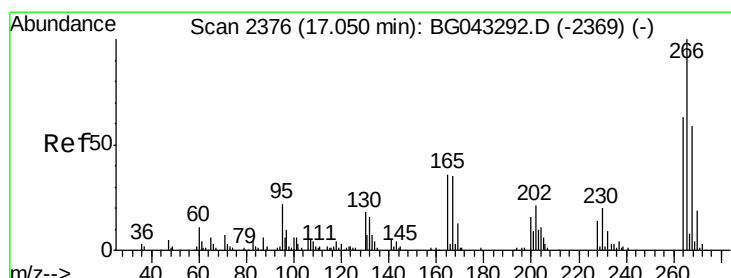
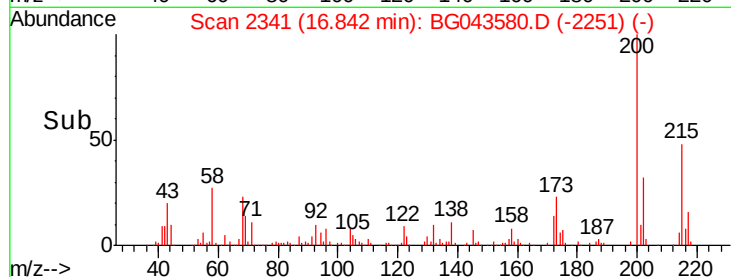
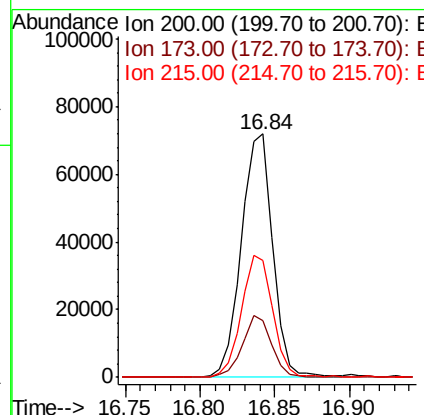
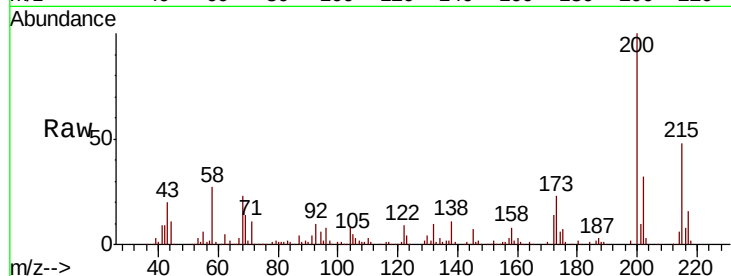
#69
Atrazine
Concen: 57.904 ng
RT: 16.84 min Scan# 2341
Delta R.T. -0.00 min
Lab File: BG043580.D
Acq: 8 Nov 2019 21:54

Instrument :
BNA_G
ClientSampleId :
SB-38-(2-4)MS

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	23.2	4.7	44.7
215	48.0	28.5	68.5

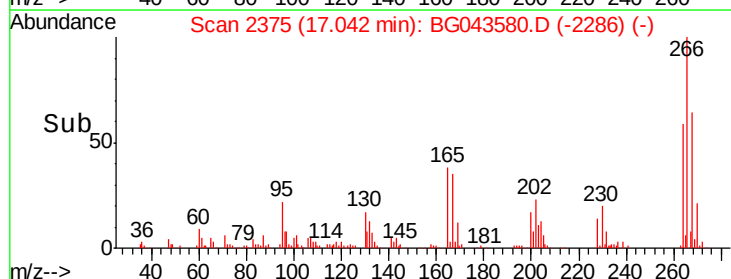
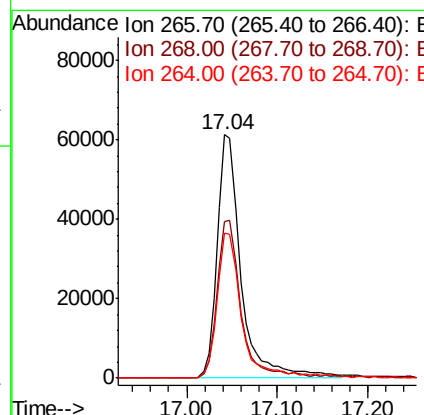
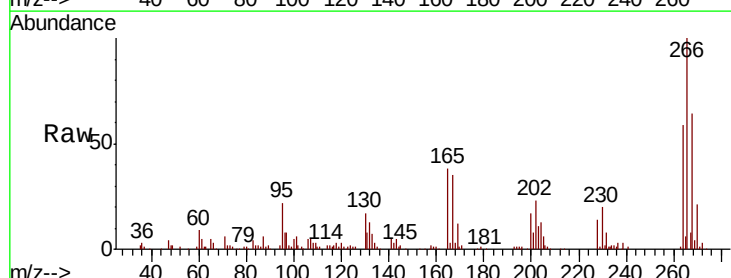
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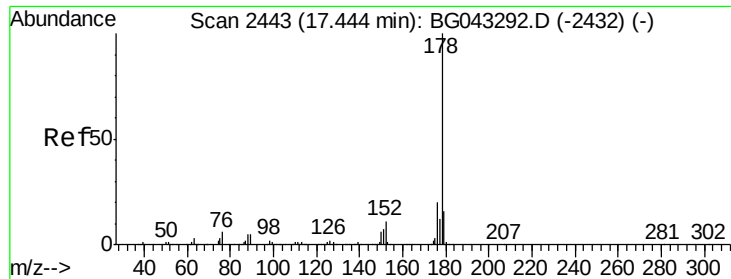
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#70
Pentachlorophenol
Concen: 86.137 ng
RT: 17.04 min Scan# 2375
Delta R.T. -0.01 min
Lab File: BG043580.D
Acq: 8 Nov 2019 21:54

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	64.2	50.4	75.6
264	59.4	48.9	73.3





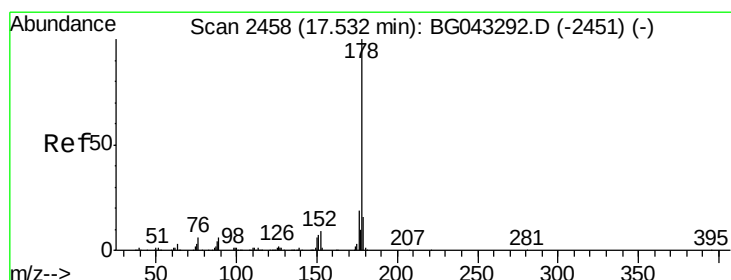
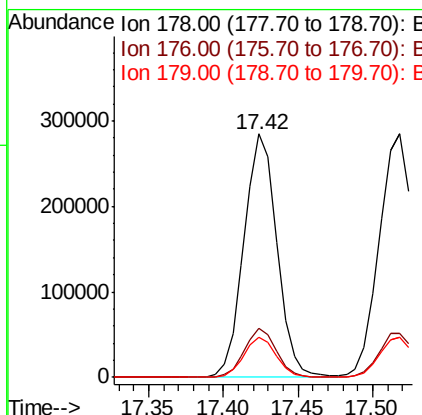
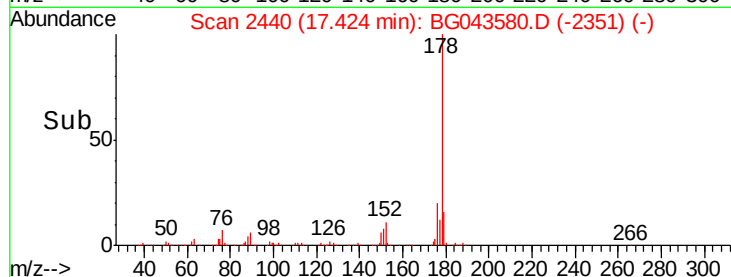
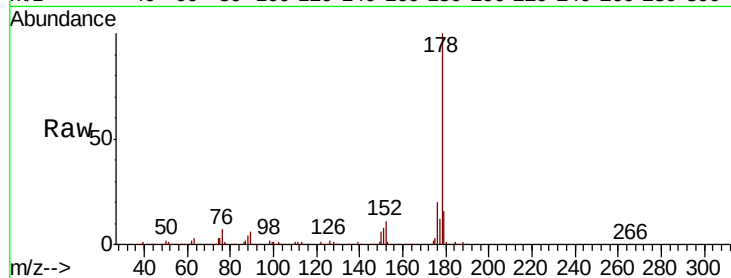
#71
 Phenanthrene
 Concen: 46.027 ng
 RT: 17.42 min Scan# 2440
 Delta R.T. -0.01 min
 Lab File: BG043580.D
 Acq: 8 Nov 2019 21:54

Instrument :
 BNA_G
 ClientSampleId :
 SB-38-(2-4)MS

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.1	15.4	23.0
179	16.5	13.0	19.6

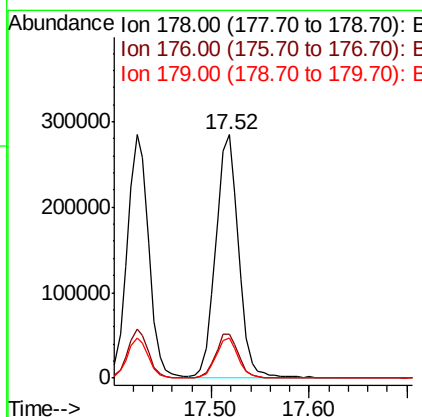
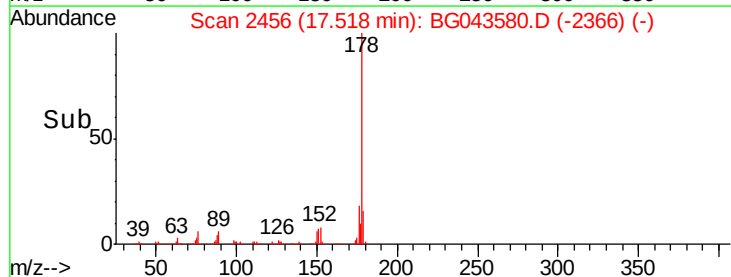
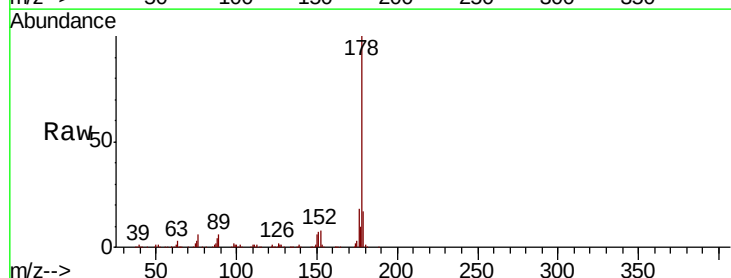
Manual Integrations
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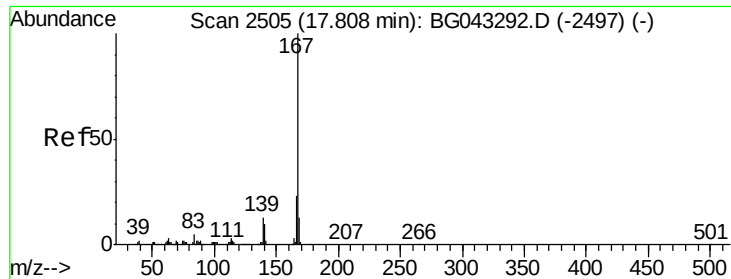
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#72
 Anthracene
 Concen: 48.543 ng
 RT: 17.52 min Scan# 2456
 Delta R.T. -0.00 min
 Lab File: BG043580.D
 Acq: 8 Nov 2019 21:54

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.5	23.3
179	16.6	13.7	20.5





#73

Carbazole

Concen: 47.342 ng

RT: 17.79 min Scan# 2502

Delta R.T. -0.01 min

Lab File: BG043580.D

Acq: 8 Nov 2019 21:54

Instrument :

BNA_G

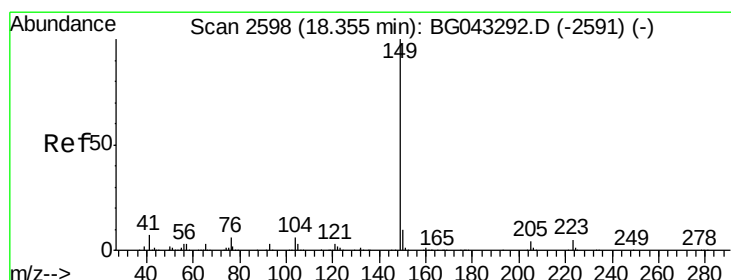
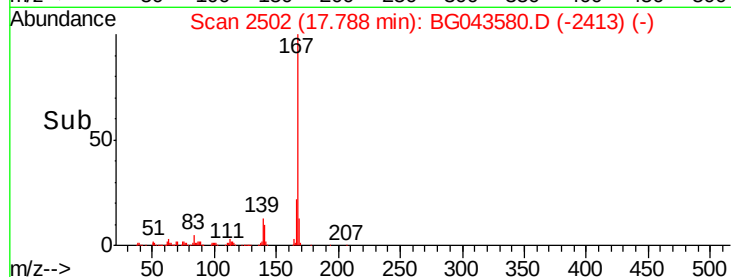
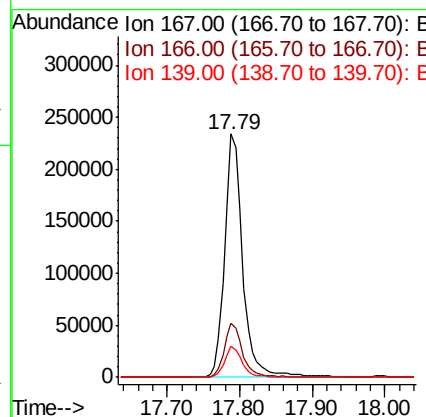
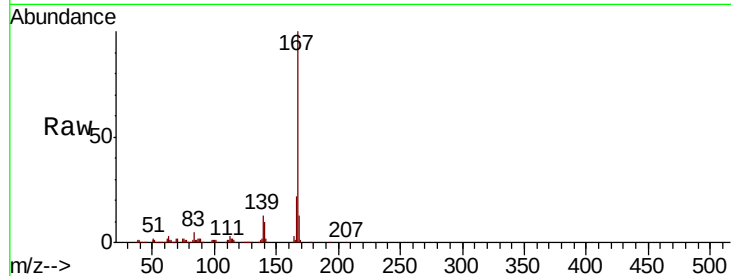
ClientSampleId :

SB-38-(2-4)MS

Tot Ion:	167	Resp:	406458
Ion Ratio	Lower	Upper	
167	100		
166	22.2	18.7	28.1
139	13.0	10.0	15.0

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#74

Di-n-butylphthalate

Concen: 45.815 ng

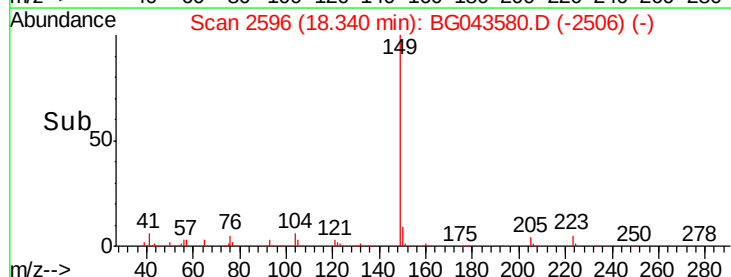
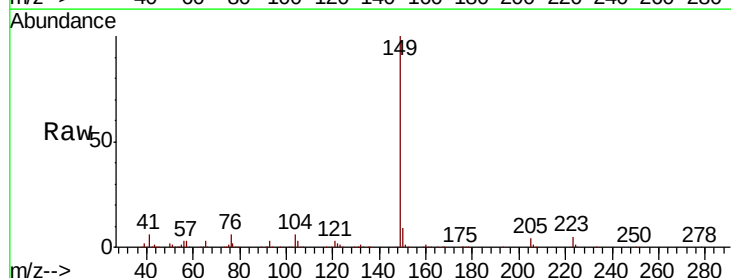
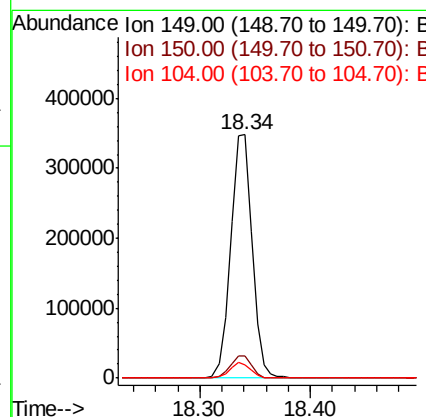
RT: 18.34 min Scan# 2596

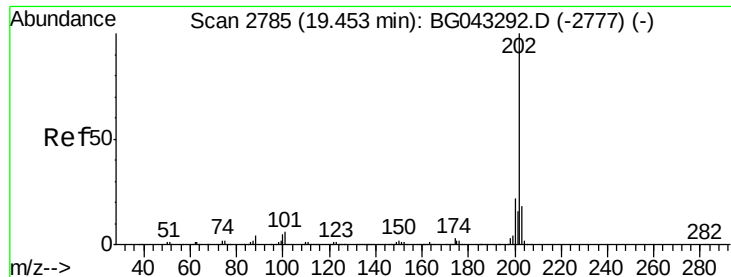
Delta R.T. -0.00 min

Lab File: BG043580.D

Acq: 8 Nov 2019 21:54

Tgt Ion:	149	Resp:	477267
Ion Ratio	Lower	Upper	
149	100		
150	8.9	8.0	12.0
104	5.6	4.4	6.6





#75

Fluoranthene

Concen: 46.789 ng

RT: 19.43 min Scan# 2782

Delta R.T. -0.01 min

Lab File: BG043580.D

Acq: 8 Nov 2019 21:54

Instrument :

BNA_G

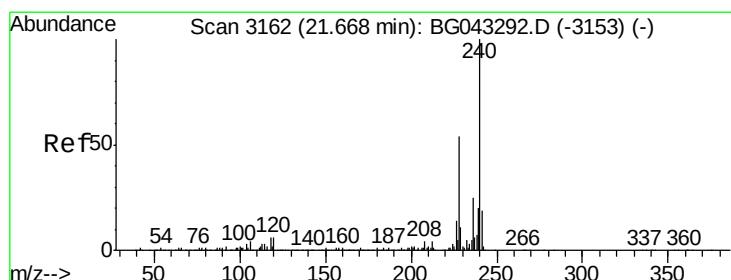
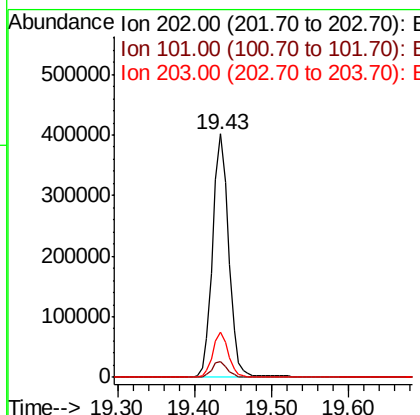
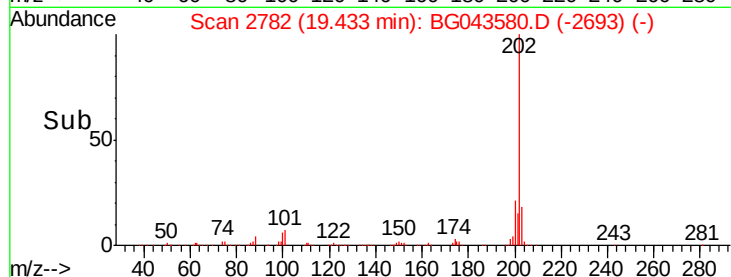
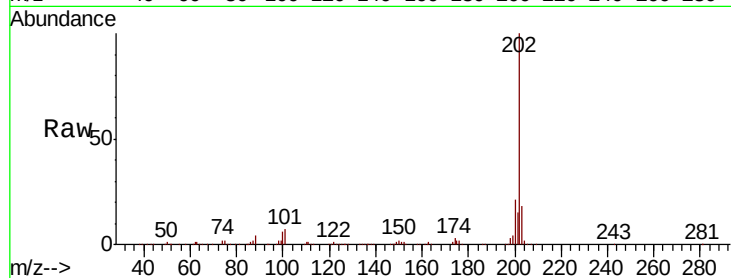
ClientSampleId :

SB-38-(2-4)MS

Tot Ion:	202	Resp:	578018
Ion Ratio	Lower	Upper	
202	100		
101	6.7	0.0	26.3
203	18.4	0.0	37.9

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#76

Chrysene-d12

Concen: 20.000 ng

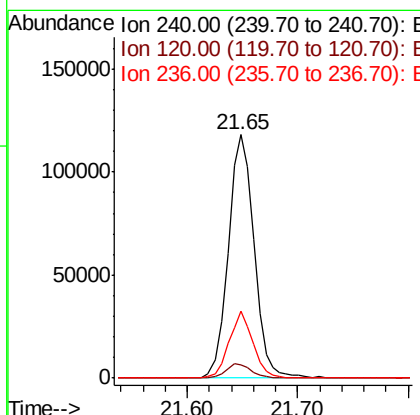
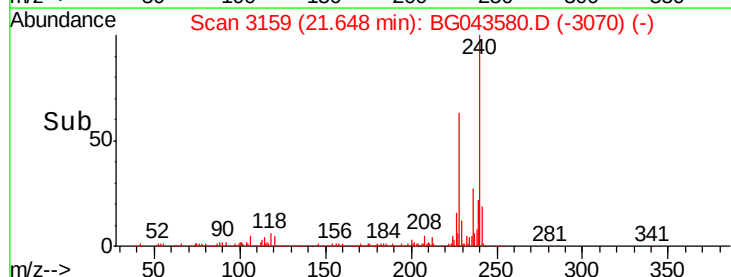
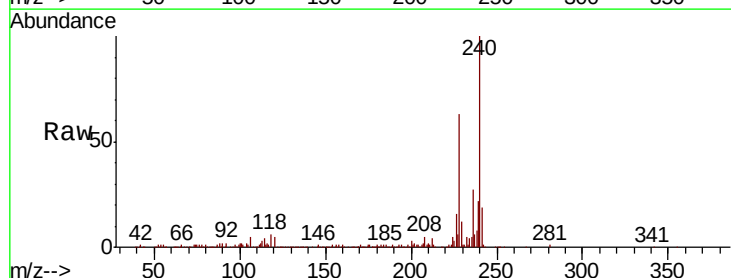
RT: 21.65 min Scan# 3159

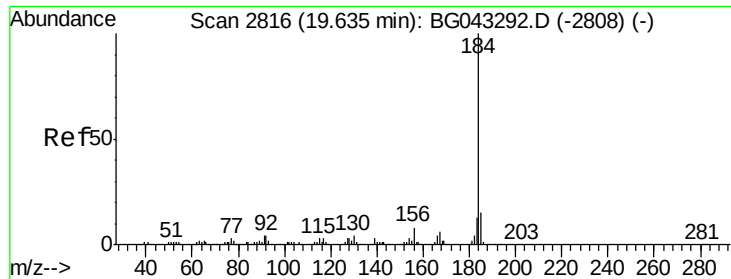
Delta R.T. -0.01 min

Lab File: BG043580.D

Acq: 8 Nov 2019 21:54

Tgt Ion:	240	Resp:	193941
Ion Ratio	Lower	Upper	
240	100		
120	5.4	4.6	6.8
236	27.3	19.8	29.8





#77

Benzidine

Concen: 41.670 ng

RT: 19.62 min Scan# 2814

Delta R.T. -0.00 min

Lab File: BG043580.D

Acq: 8 Nov 2019 21:54

Instrument :

BNA_G

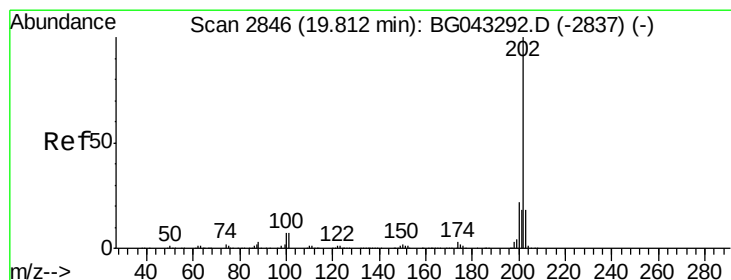
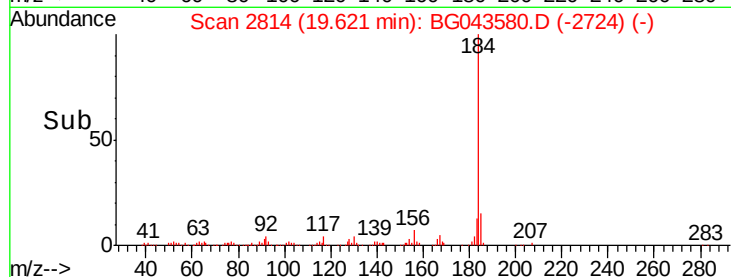
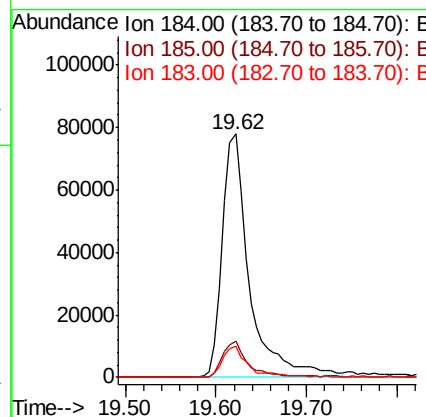
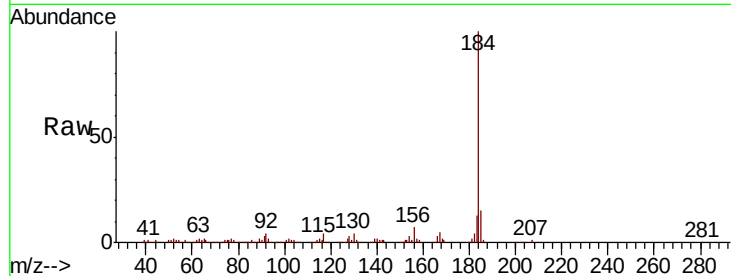
ClientSampleId :

SB-38-(2-4)MS

Tot Ion:	184	Resp:	162645
Ion Ratio	Lower	Upper	
184	100		
185	14.8	11.0	16.4
183	12.5	10.0	15.0

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#78

Pyrene

Concen: 48.595 ng

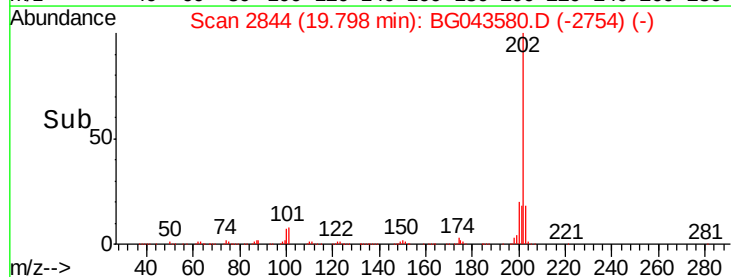
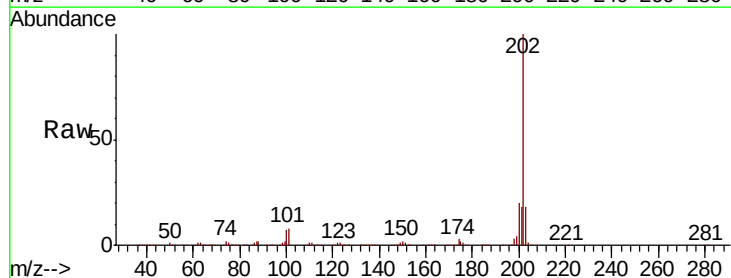
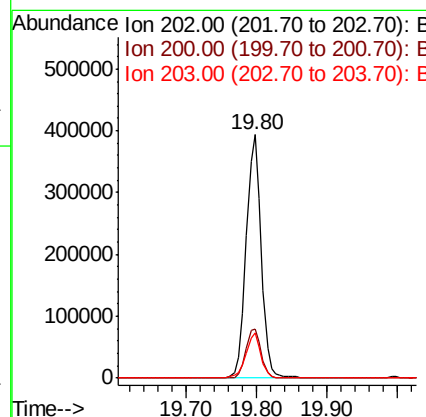
RT: 19.80 min Scan# 2844

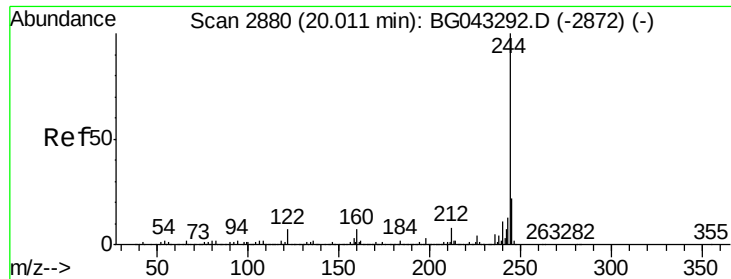
Delta R.T. -0.00 min

Lab File: BG043580.D

Acq: 8 Nov 2019 21:54

Tgt Ion:	202	Resp:	583371
Ion Ratio	Lower	Upper	
202	100		
200	20.3	17.0	25.4
203	18.4	14.7	22.1





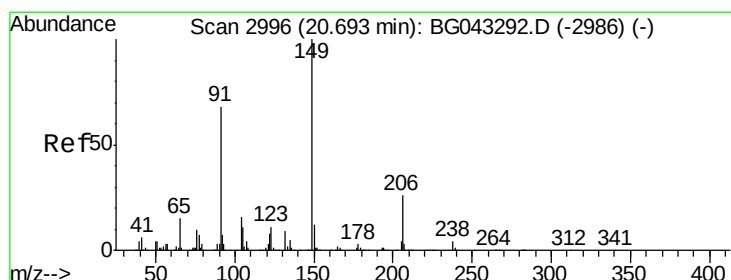
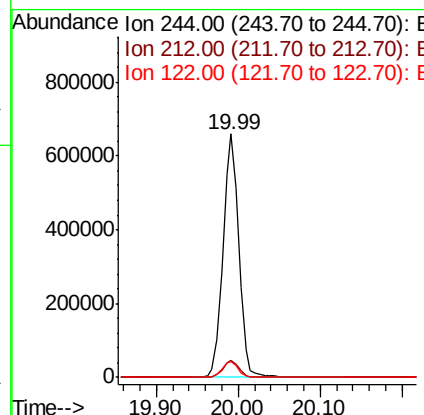
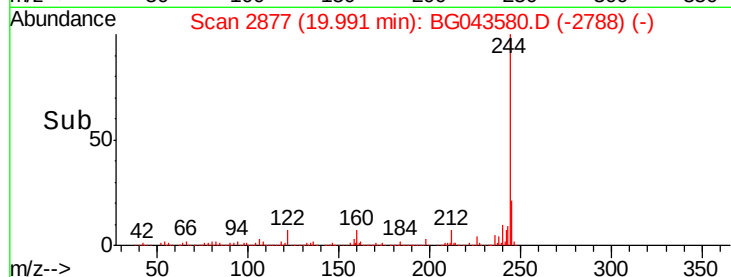
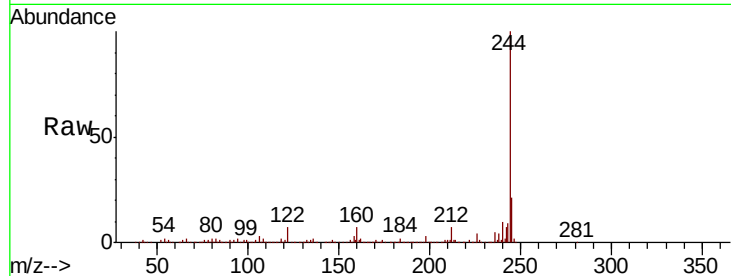
#79
 Terphenyl-d14
 Concen: 86.013 ng
 RT: 19.99 min Scan# 2877
 Delta R.T. -0.01 min
 Lab File: BG043580.D
 Acq: 8 Nov 2019 21:54

Instrument :
 BNA_G
 ClientSampleId :
 SB-38-(2-4)MS

Tot Ion	Ratio	Resp Lower	Upper
244	100		
212	6.9	5.8	8.6
122	6.7	5.4	8.2

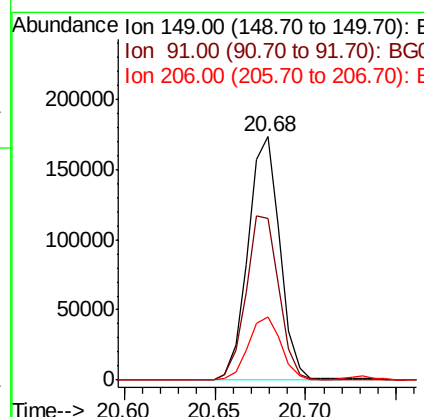
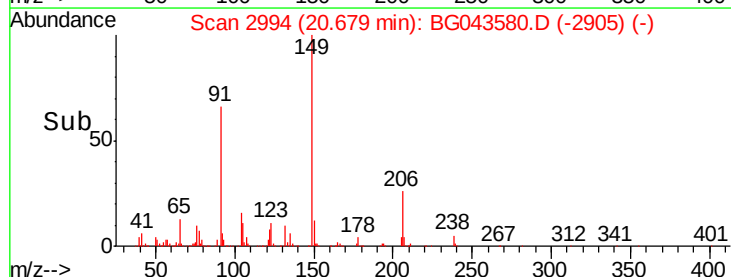
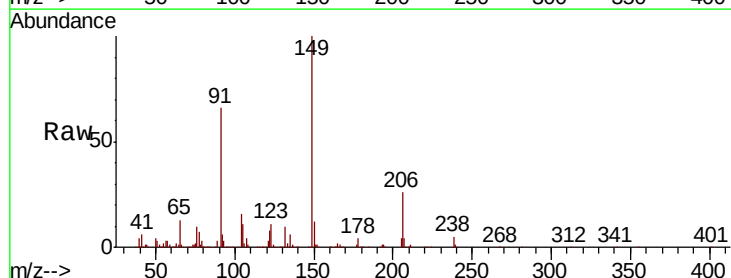
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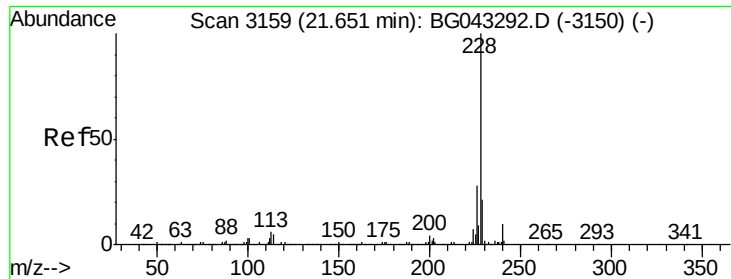
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#80
 Butylbenzylphthalate
 Concen: 46.482 ng
 RT: 20.68 min Scan# 2994
 Delta R.T. -0.01 min
 Lab File: BG043580.D
 Acq: 8 Nov 2019 21:54

Tgt Ion	Ratio	Resp Lower	Upper
149	100		
91	66.5	51.2	76.8
206	25.8	22.5	33.7





#81

Benzo(a)anthracene

Concen: 47.879 ng

RT: 21.63 min Scan# 3156

Delta R.T. -0.01 min

Lab File: BG043580.D

Acq: 8 Nov 2019 21:54

Instrument :

BNA_G

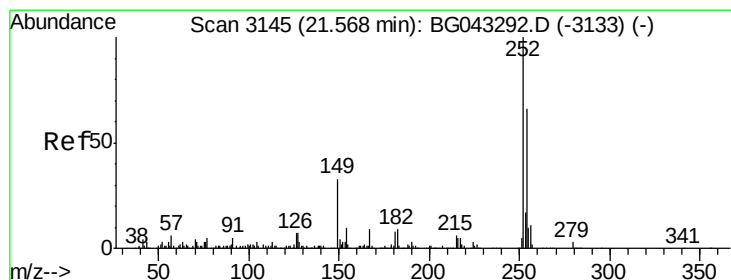
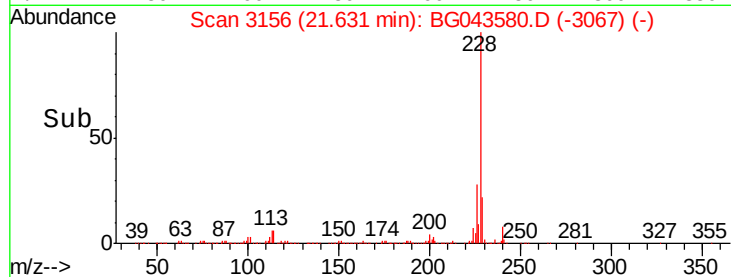
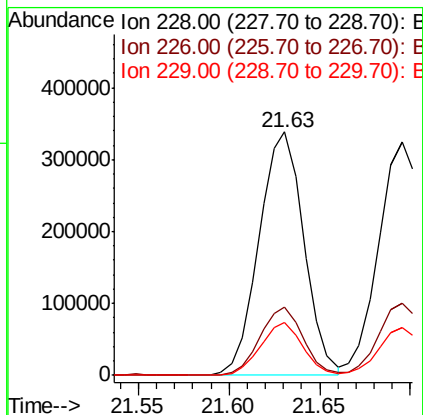
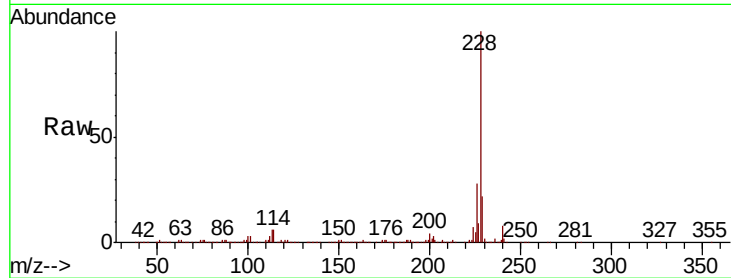
ClientSampleId :

SB-38-(2-4)MS

Tot Ion:	228	Resp:	581649
Ion Ratio	Lower	Upper	
228	100		
226	28.0	22.2	33.2
229	21.5	17.0	25.4

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#82

3,3'-Dichlorobenzidine

Concen: 24.665 ng

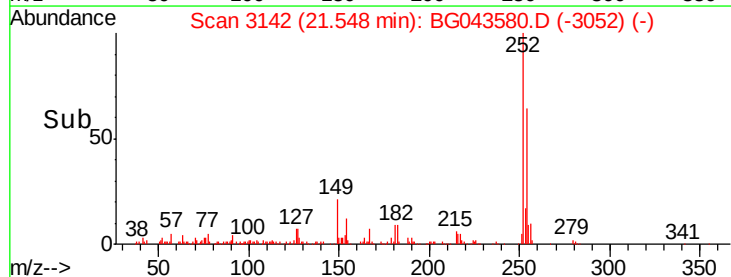
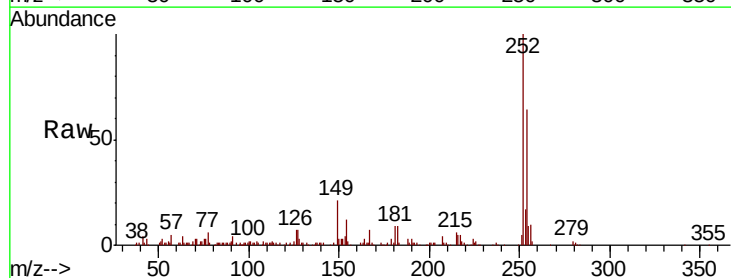
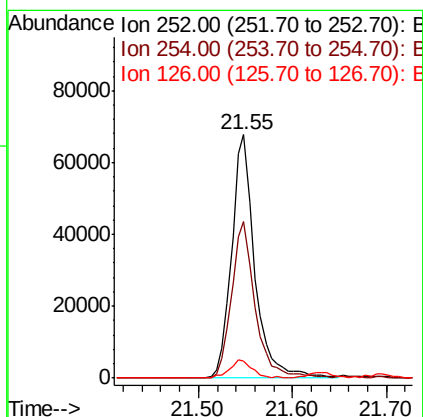
RT: 21.55 min Scan# 3142

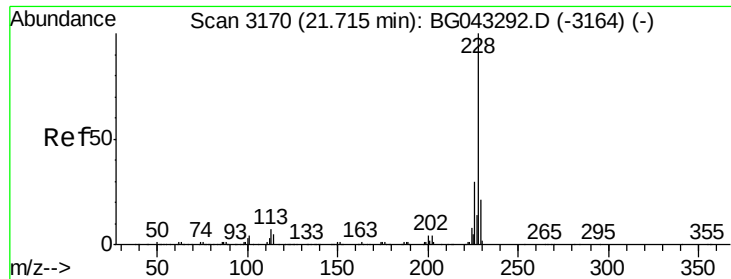
Delta R.T. -0.00 min

Lab File: BG043580.D

Acq: 8 Nov 2019 21:54

Tgt Ion:	252	Resp:	115896
Ion Ratio	Lower	Upper	
252	100		
254	64.3	50.8	76.2
126	6.8	6.1	9.1





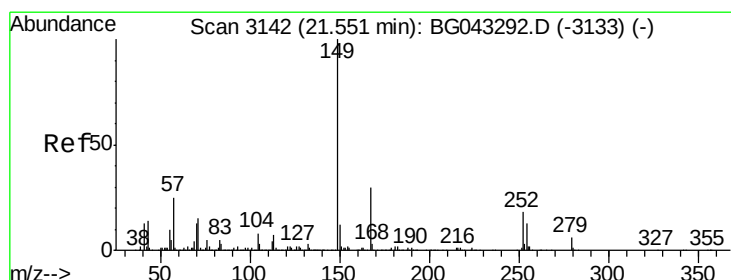
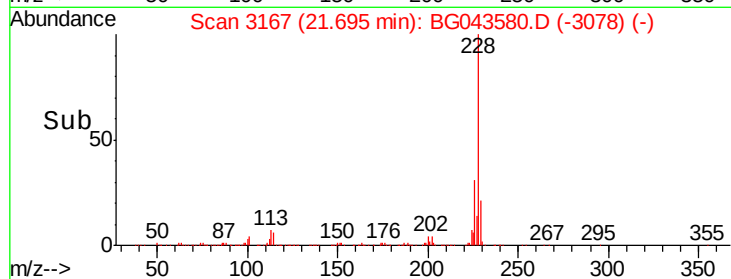
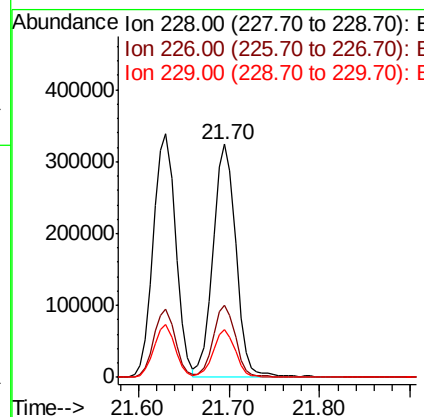
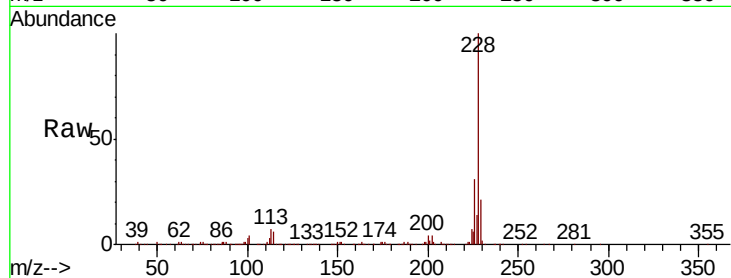
#83
Chrysene
Concen: 47.110 ng
RT: 21.70 min Scan# 3167
Delta R.T. -0.01 min
Lab File: BG043580.D
Acq: 8 Nov 2019 21:54

Instrument :
BNA_G
ClientSampleId :
SB-38-(2-4)MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.0	25.1	37.7
229	20.6	17.0	25.4

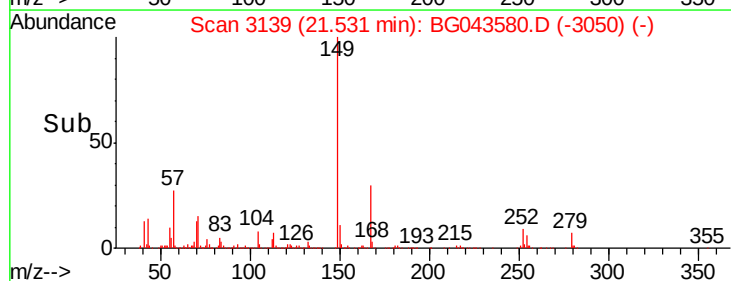
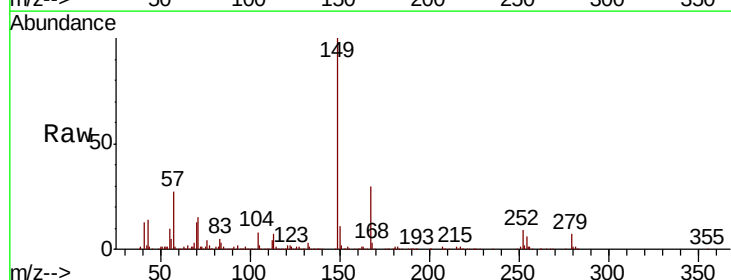
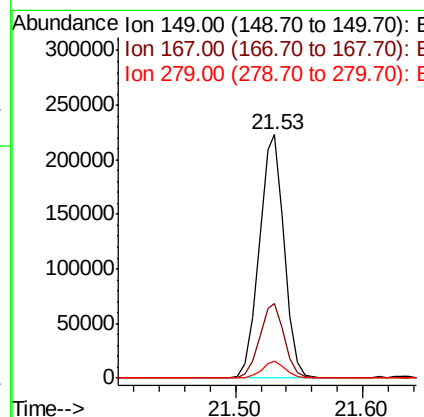
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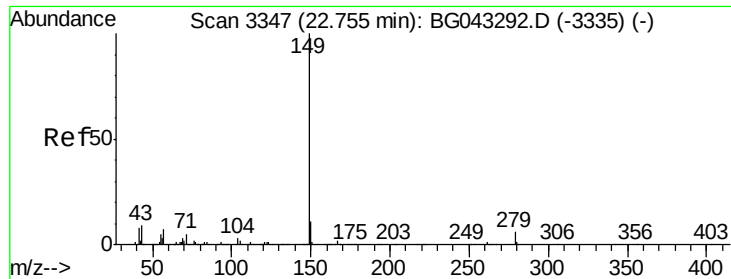
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#84
Bis(2-ethylhexyl)phthalate
Concen: 47.038 ng
RT: 21.53 min Scan# 3139
Delta R.T. -0.01 min
Lab File: BG043580.D
Acq: 8 Nov 2019 21:54

Tgt Ion	Ratio	Lower	Upper
149	100		
167	30.5	24.0	36.0
279	6.8	5.4	8.2





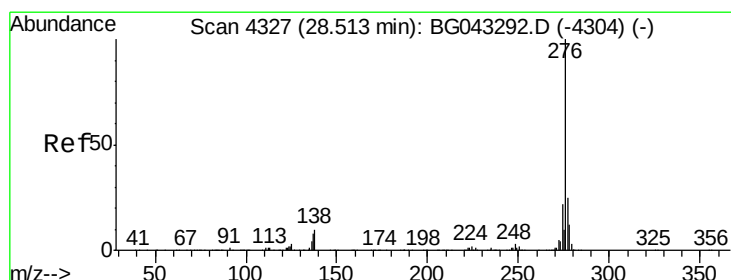
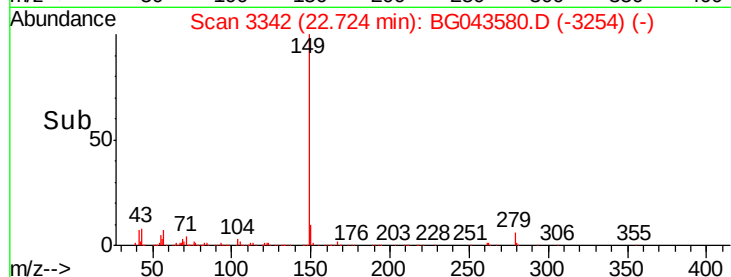
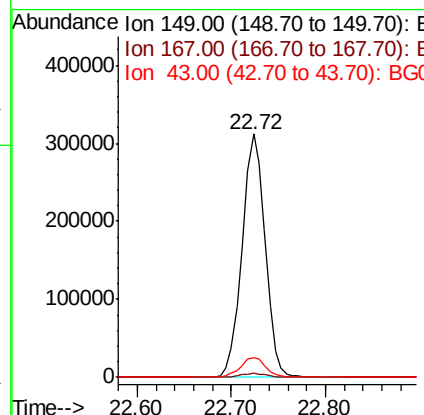
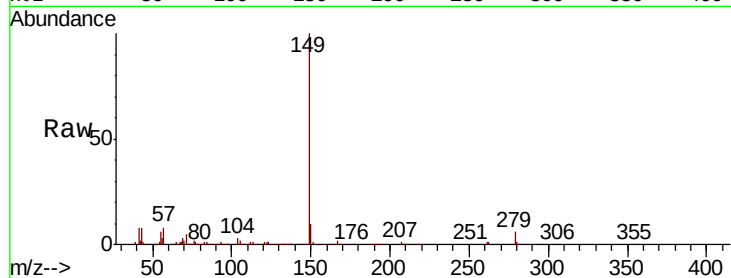
#85
Di-n-octyl phthalate
Concen: 48.217 ng
RT: 22.72 min Scan# 3342
Delta R.T. -0.01 min
Lab File: BG043580.D
Acq: 8 Nov 2019 21:54

Instrument :
BNA_G
ClientSampleId :
SB-38-(2-4)MS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	528504		
167	1.8		1.4	2.2
43	8.8		7.0	10.6

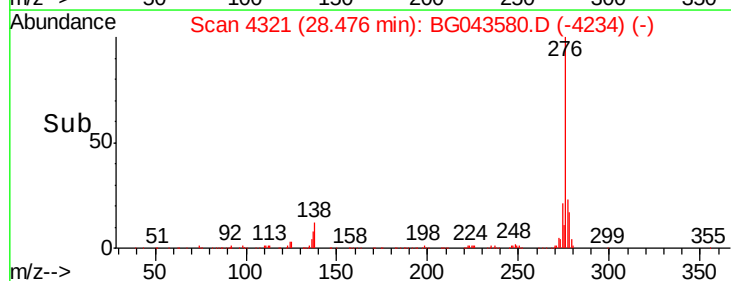
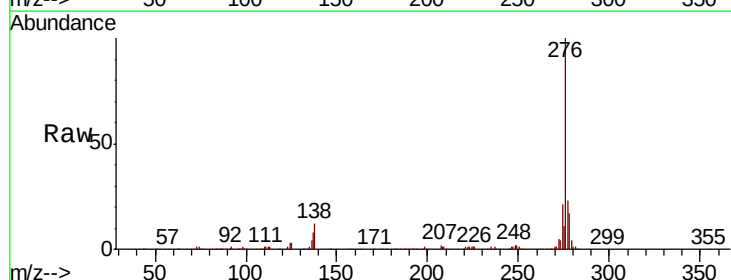
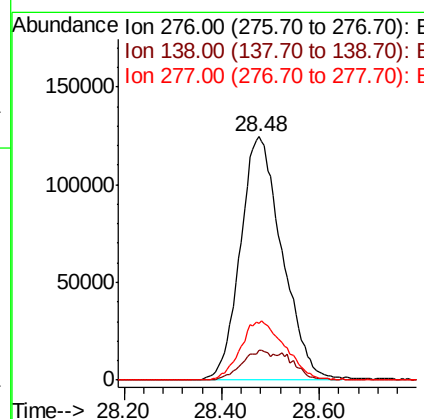
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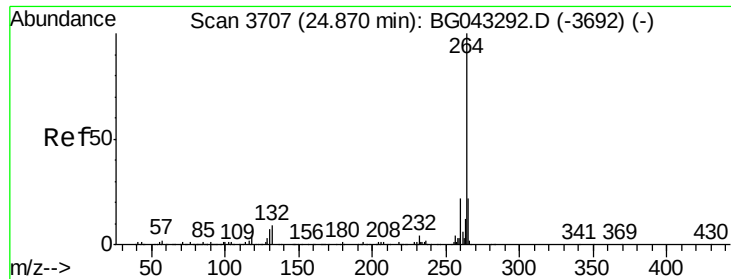
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#86
Indeno(1,2,3-cd)pyrene
Concen: 48.797 ng
RT: 28.48 min Scan# 4321
Delta R.T. -0.02 min
Lab File: BG043580.D
Acq: 8 Nov 2019 21:54

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	739334		
138	8.0		6.8	10.2
277	25.8		20.9	31.3





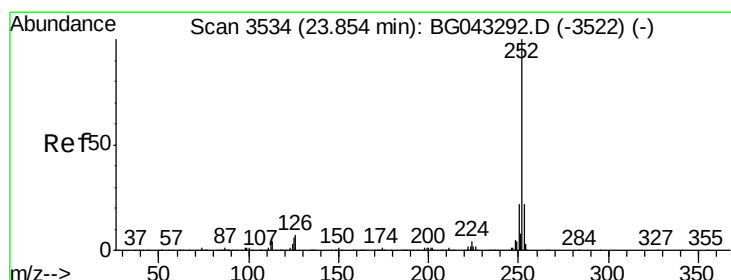
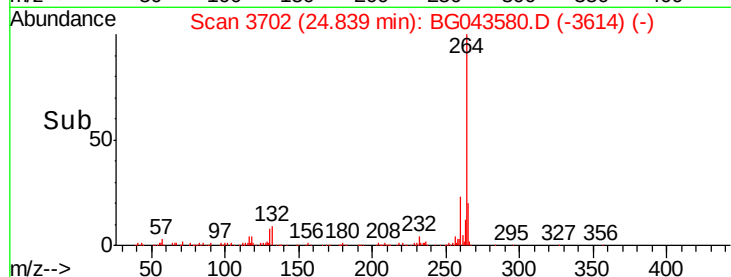
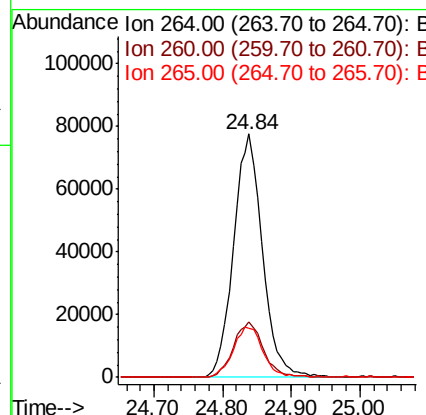
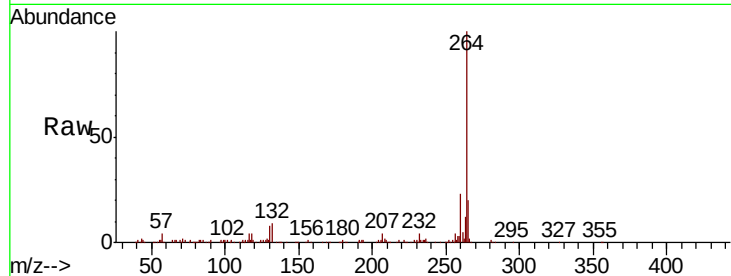
#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.84 min Scan# 3702
 Delta R.T. -0.01 min
 Lab File: BG043580.D
 Acq: 8 Nov 2019 21:54

Instrument :
 BNA_G
 ClientSampleId :
 SB-38-(2-4)MS

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.0	17.5	26.3
265	20.4	17.4	26.0

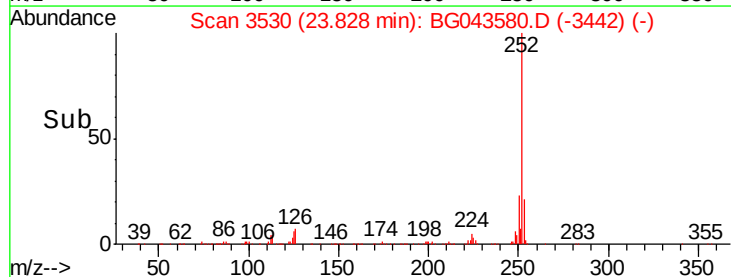
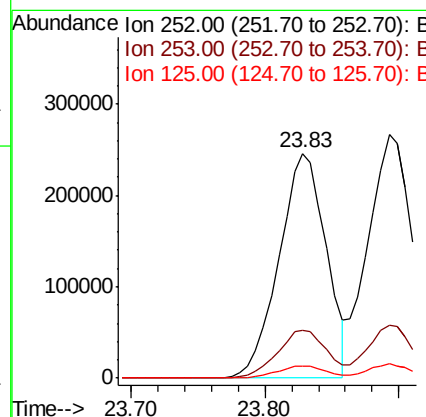
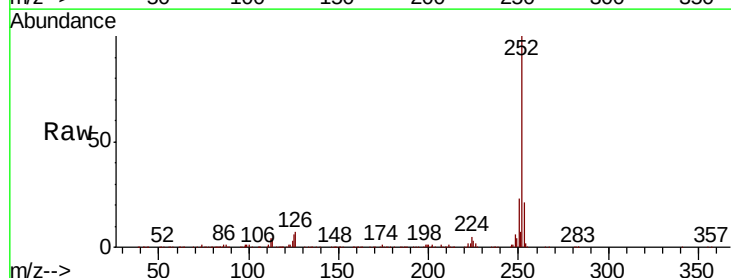
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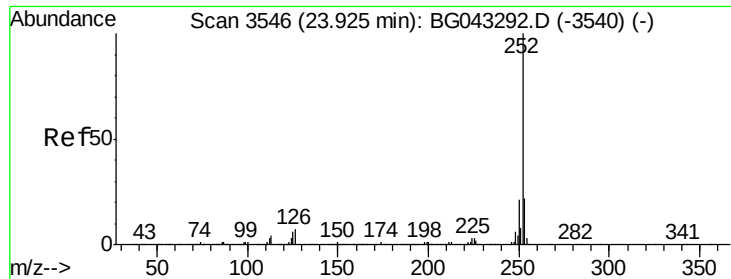
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#88
 Benzo(b)fluoranthene
 Concen: 46.927 ng
 RT: 23.83 min Scan# 3530
 Delta R.T. -0.01 min
 Lab File: BG043580.D
 Acq: 8 Nov 2019 21:54

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.2	17.7	26.5
125	5.6	4.5	6.7





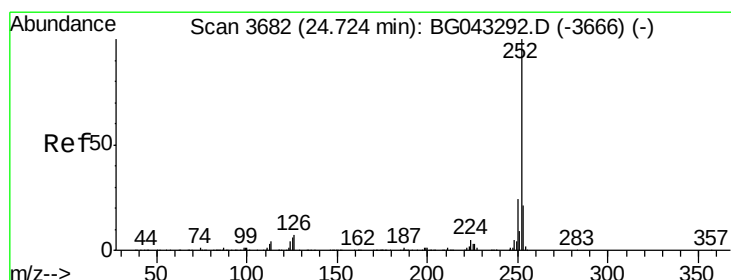
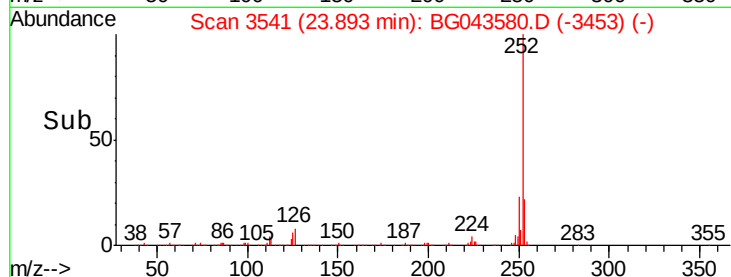
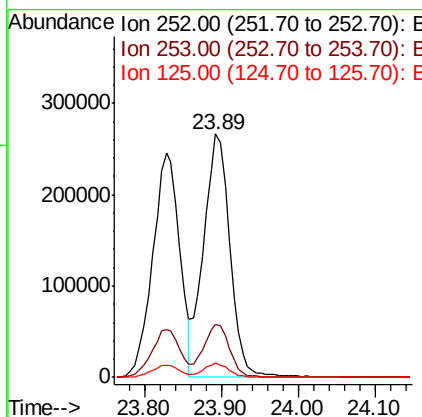
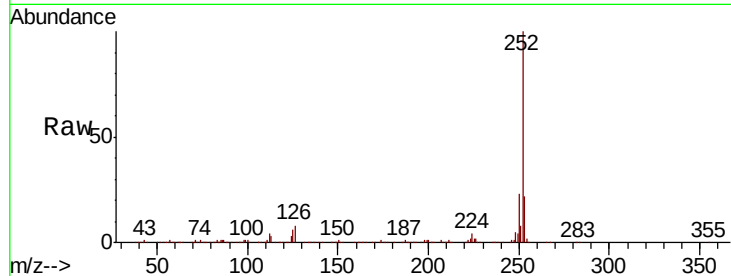
#89
Benzo(k)fluoranthene
Concen: 48.630 ng
RT: 23.89 min Scan# 3541
Delta R.T. -0.01 min
Lab File: BG043580.D
Acq: 8 Nov 2019 21:54

Instrument :
BNA_G
ClientSampleId :
SB-38-(2-4)MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.3	25.9
125	6.1	4.6	6.8

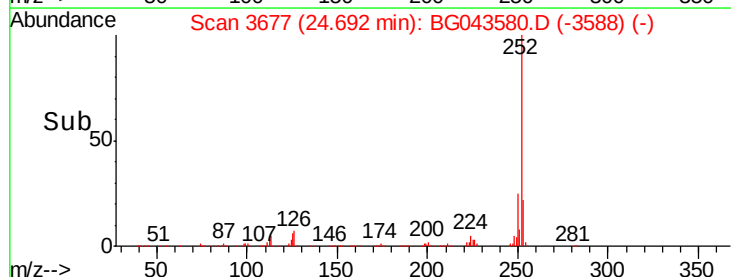
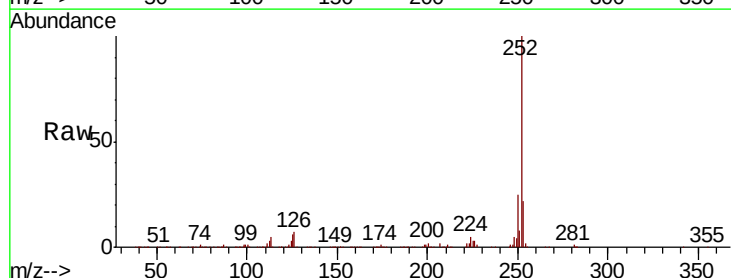
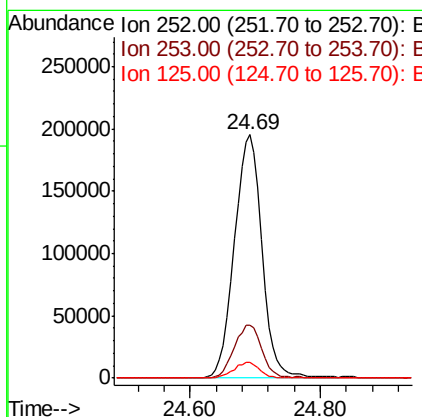
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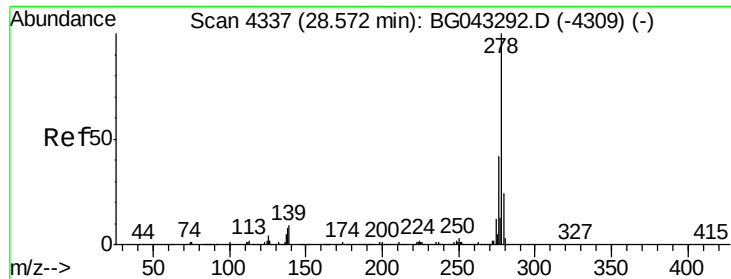
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#90
Benzo(a)pyrene
Concen: 46.918 ng
RT: 24.69 min Scan# 3677
Delta R.T. -0.01 min
Lab File: BG043580.D
Acq: 8 Nov 2019 21:54

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.8	26.8
125	6.3	5.4	8.2





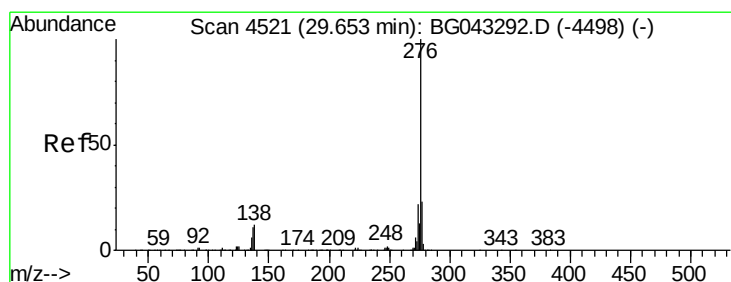
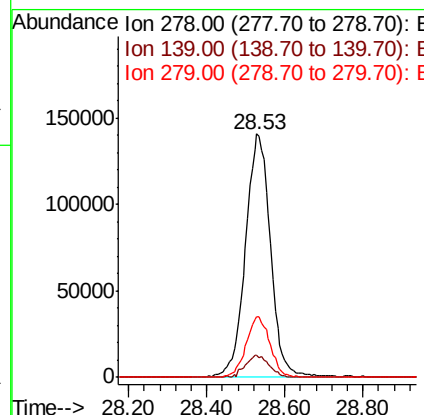
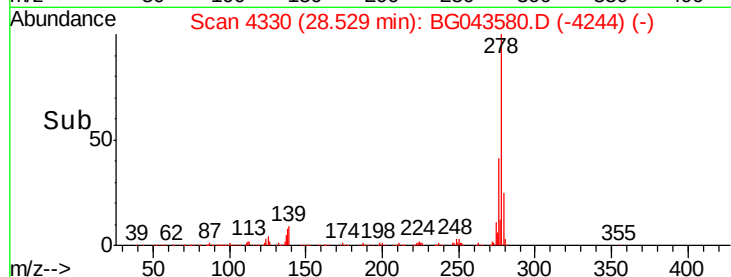
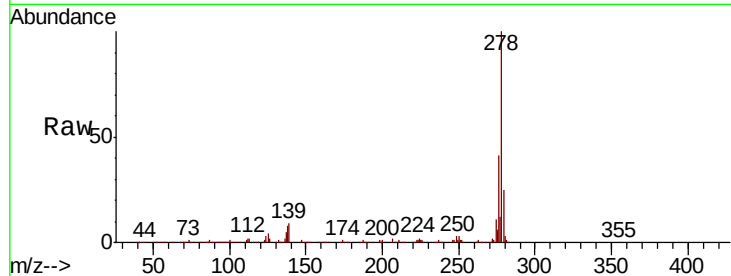
#91
Dibenzo(a,h)anthracene
Concen: 50.110 ng
RT: 28.53 min Scan# 4330
Delta R.T. -0.03 min
Lab File: BG043580.D
Acq: 8 Nov 2019 21:54

Instrument :
BNA_G
ClientSampleId :
SB-38-(2-4)MS

Tot Ion	Ratio	Lower	Upper
278	100		
139	8.9	7.4	11.0
279	24.9	19.1	28.7

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 49.997 ng
RT: 29.62 min Scan# 4515
Delta R.T. -0.01 min
Lab File: BG043580.D
Acq: 8 Nov 2019 21:54

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.5	18.9	28.3
138	11.1	8.9	13.3

