

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010320\
 Data File : BG043915.D
 Acq On : 4 Jan 2020 10:17
 Operator : JU
 Sample : K6113-20MS
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OR-02-123119MS

Manual Integrations
 APPROVED

mohammad
 1/6/2020 11:42:07 AM

Quant Time: Jan 06 05:35:40 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 31 13:32:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	130821	20.00	ng	0.00
21) Naphthalene-d8	10.77	136	560609	20.00	ng	0.00
39) Acenaphthene-d10	14.60	164	372920	20.00	ng	0.00
64) Phenanthrene-d10	17.34	188	796243	20.00	ng	0.00
76) Chrysene-d12	21.60	240	676707	20.00	ng	0.00
87) Perylene-d12	24.72	264	779944	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.54	112	1101168	154.55	ng	0.00
7) Phenol-d6	7.14	99	1498982	150.51	ng	0.01
23) Nitrobenzene-d5	9.12	82	915810	87.39	ng	0.00
42) 2,4,6-Tribromophenol	16.08	330	576398	147.70	ng	0.00
45) 2-Fluorobiphenyl	13.22	172	1904196	92.51	ng	0.00
79) Terphenyl-d14	19.95	244	2600694	95.72	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.45	88	136730	44.013	ng	# 40
3) Pyridine	3.85	79	331237	36.093	ng	94
4) n-Nitrosodimethylamine	3.75	42	199872	48.917	ng	98
6) Aniline	7.29	93	177435	13.564	ng	97
8) 2-Chlorophenol	7.54	128	471988	56.428	ng	100
9) Benzaldehyde	7.09	77	251382	39.438	ng	98
10) Phenol	7.16	94	570366	55.585	ng	99
11) bis(2-Chloroethyl)ether	7.39	93	449963	50.801	ng	99
12) 1,3-Dichlorobenzene	7.86	146	452754	46.256	ng	99
13) 1,4-Dichlorobenzene	8.00	146	454557	47.067	ng	99
14) 1,2-Dichlorobenzene	8.32	146	436744	47.114	ng	100
15) Benzyl Alcohol	8.20	79	425472	54.131	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.50	45	643032	46.925	ng	99
17) 2-Methylphenol	8.41	107	418400	56.346	ng	95
18) Hexachloroethane	9.05	117	171215	45.561	ng	97
19) n-Nitroso-di-n-propylamine	8.77	70	368110	49.632	ng	99
20) 3+4-Methylphenols	8.74	107	582853	56.266	ng	98
22) Acetophenone	8.79	105	665234	47.731	ng	# 98
24) Nitrobenzene	9.16	77	513082	49.434	ng	99
25) Isophorone	9.69	82	996168	50.668	ng	99
26) 2-Nitrophenol	9.87	139	271928	55.377	ng	98
27) 2,4-Dimethylphenol	9.94	122	448209	60.636	ng	99
28) bis(2-Chloroethoxy)methane	10.17	93	630236	48.083	ng	99
29) 2,4-Dichlorophenol	10.41	162	481799	54.643	ng	99
30) 1,2,4-Trichlorobenzene	10.63	180	461511	46.682	ng	98
31) Naphthalene	10.81	128	1362481	50.223	ng	99
32) Benzoic acid	10.08	122	186128	33.148	ng	95
33) 4-Chloroaniline	10.93	127	34415	2.660	ng	98
34) Hexachlorobutadiene	11.11	225	260954	43.232	ng	99
35) Caprolactam	11.70	113	183680m	55.960	ng	
36) 4-Chloro-3-methylphenol	12.05	107	537838	57.300	ng	98
37) 2-Methylnaphthalene	12.42	142	1037801	50.812	ng	99
38) 1-Methylnaphthalene	12.64	142	1001549	51.740	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.79	216	493585	45.157	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.78	237	565185	99.738	nq	98
43) 2,4,6-Trichlorophenol	13.03	196	394439	52.446	nq	98
44) 2,4,5-Trichlorophenol	13.11	196	421795	54.376	nq	99
46) 1,1'-Biphenyl	13.43	154	1312599	49.092	nq	99
47) 2-Chloronaphthalene	13.47	162	1034951	47.902	nq	98
48) 2-Nitroaniline	13.67	65	344368	49.549	nq	96
49) Acenaphthylene	14.32	152	1610126	51.849	nq	99
50) Dimethylphthalate	14.05	163	1349183	50.953	nq	99
51) 2,6-Dinitrotoluene	14.16	165	320634	53.574	nq	99
52) Acenaphthene	14.66	154	1159600	53.247	nq	100
53) 3-Nitroaniline	14.49	138	95213	14.010	nq	98
54) 2,4-Dinitrophenol	14.70	184	244476	80.170	nq	98
55) Dibenzofuran	15.00	168	1557023	51.936	nq	98
56) 4-Nitrophenol	14.81	139	586291	112.574	nq	99
57) 2,4-Dinitrotoluene	14.95	165	443240	54.428	nq	93
58) Fluorene	15.64	166	1237379	52.074	nq	100
59) 2,3,4,6-Tetrachlorophenol	15.22	232	361904	54.258	nq	100
60) Diethylphthalate	15.42	149	1380343	52.120	nq	100
61) 4-Chlorophenyl-phenylether	15.64	204	649368	50.328	nq	99
62) 4-Nitroaniline	15.66	138	321976	47.974	nq	97
63) Azobenzene	15.93	77	1305522	53.154	nq	98
65) 4,6-Dinitro-2-methylphenol	15.72	198	215840	52.191	nq	97
66) n-Nitrosodiphenylamine	15.85	169	1177342	50.210	nq	98
67) 4-Bromophenyl-phenylether	16.53	248	430840	48.110	nq	100
68) Hexachlorobenzene	16.65	284	455067	47.159	nq	98
69) Atrazine	16.80	200	447543	58.718	nq	99
70) Pentachlorophenol	16.99	266	515308	96.874	nq	97
71) Phenanthrene	17.38	178	1906592	49.921	nq	95
72) Anthracene	17.47	178	1957814	51.870	nq	97
73) Carbazole	17.74	167	1830179	52.493	nq	98
74) Di-n-butylphthalate	18.31	149	2164414	48.623	nq	97
75) Fluoranthene	19.39	202	2186973	50.071	nq	98
77) Benzidine	19.56	184	124322	7.309	nq	98
78) Pyrene	19.75	202	2192841	49.644	nq	96
80) Butylbenzylphthalate	20.64	149	1072424	50.996	nq	99
81) Benzo(a)anthracene	21.57	228	2124272	50.625	nq	97
82) 3,3'-Dichlorobenzidine	21.49	252	330859	19.958	nq	100
83) Chrysene	21.64	228	2023140	50.742	nq	97
84) Bis(2-ethylhexyl)phthalate	21.50	149	1479269	50.980	nq	98
85) Di-n-octyl phthalate	22.69	149	2534589	51.958	nq	99
86) Indeno(1,2,3-cd)pyrene	28.27	276	2805979	51.786	nq	# 89
88) Benzo(b)fluoranthene	23.73	252	2338038	50.708	nq	97
89) Benzo(k)fluoranthene	23.80	252	2196958	50.106	nq	98
90) Benzo(a)pyrene	24.58	252	2154856	49.516	nq	99
91) Dibenzo(a,h)anthracene	28.33	278	2299390	52.611	nq	99
92) Benzo(g,h,i)perylene	29.39	276	2290378	52.758	nq	100

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

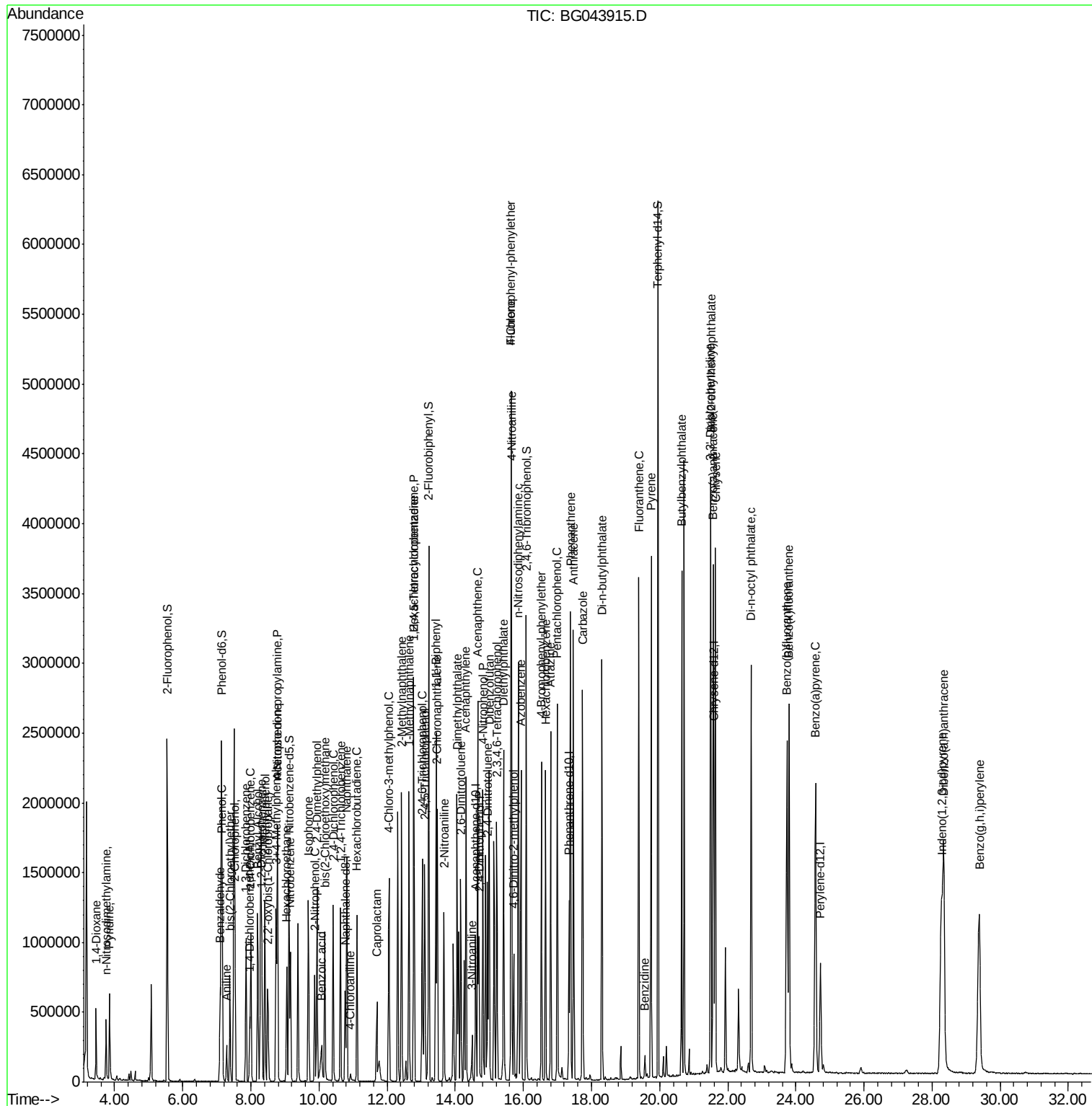
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#1

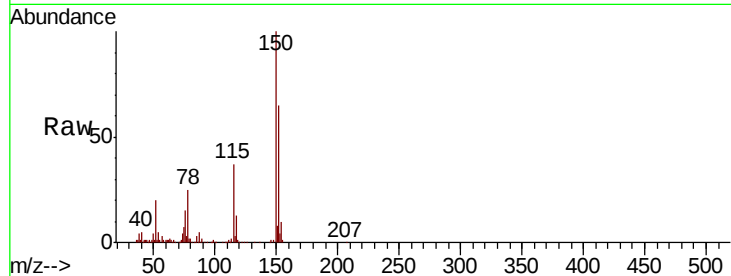
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.96 min Scan# 830
Delta R.T. -0.00 min
Lab File: BG043915.D
Acq: 4 Jan 2020 10:17

Instrument :
BNA_G
ClientSampleId :
OR-02-123119MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.0	127.0	190.4
115	57.0	47.8	71.8

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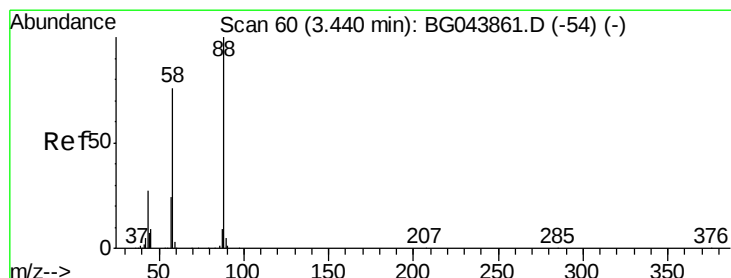
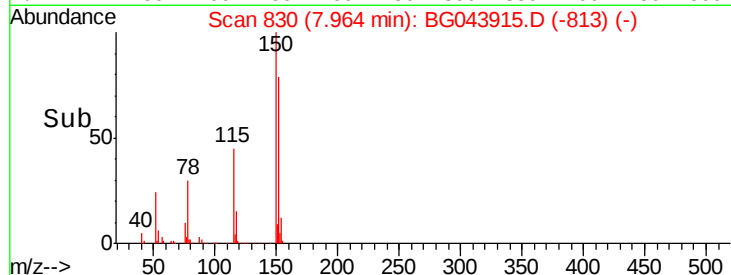
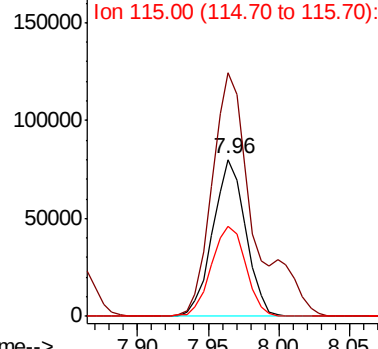


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

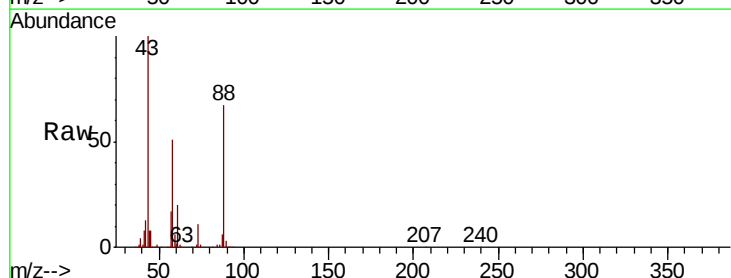
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 44.013 ng
RT: 3.45 min Scan# 62
Delta R.T. 0.01 min
Lab File: BG043915.D
Acq: 4 Jan 2020 10:17

Tgt Ion	Ratio	Lower	Upper
88	100		
58	74.5	59.8	89.8
43	143.6	22.9	34.3#

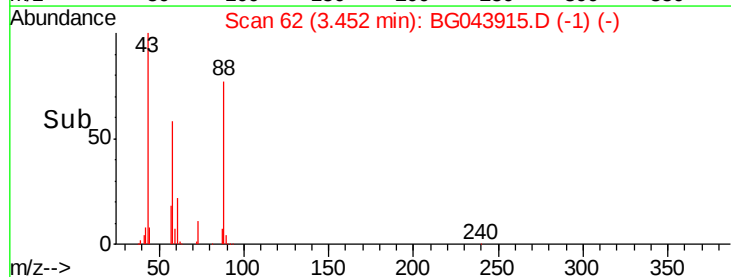
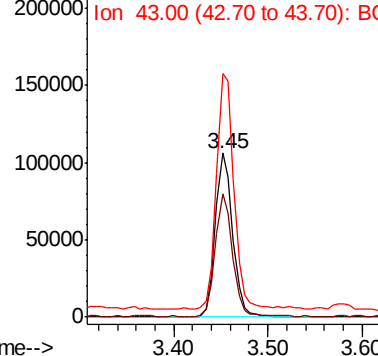


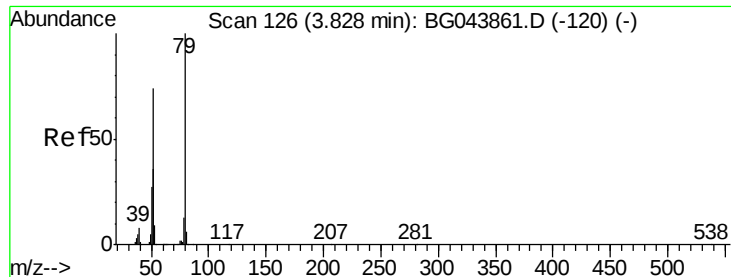
Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 36.093 ng

RT: 3.85 min Scan# 130

Delta R.T. 0.02 min

Lab File: BG043915.D

Acq: 4 Jan 2020 10:17

Instrument :

BNA_G

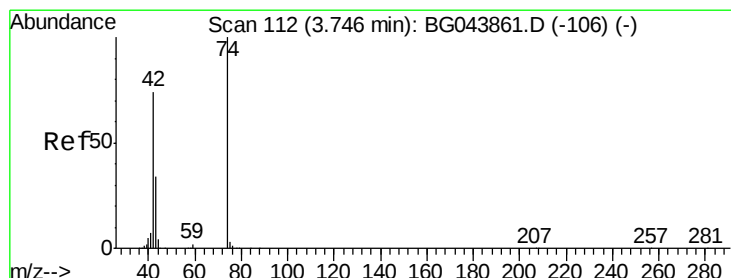
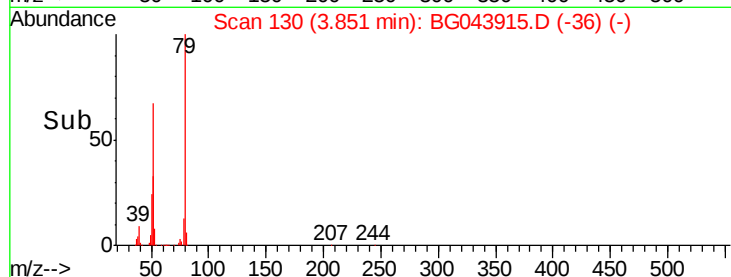
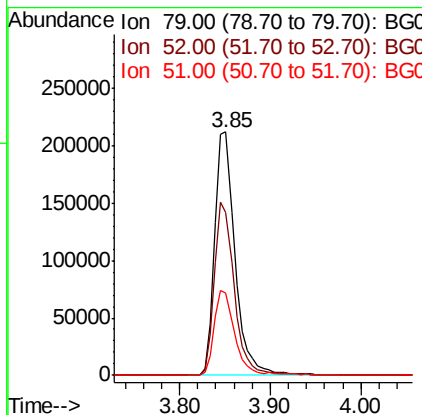
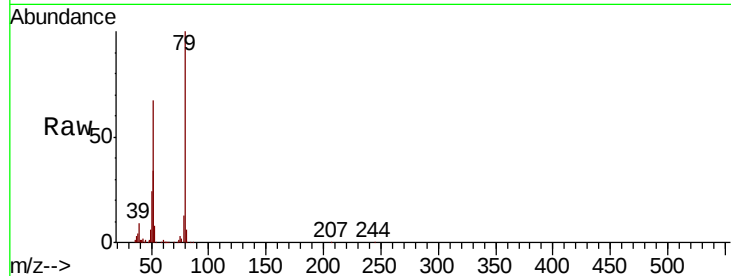
ClientSampleId :

OR-02-123119MS

Tot Ion	Ion	Ratio	Lower	Upper
79	100			
52	67.0	58.9	88.3	
51	33.7	28.6	43.0	

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#4

n-Nitrosodimethylamine

Concen: 48.917 ng

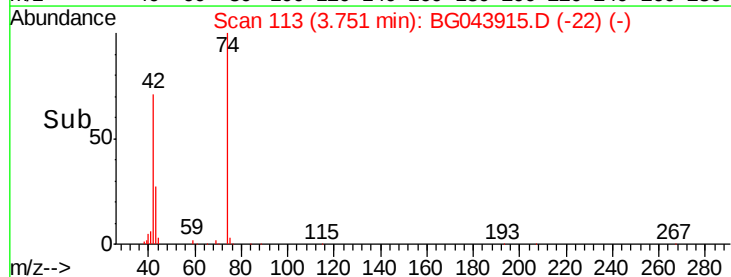
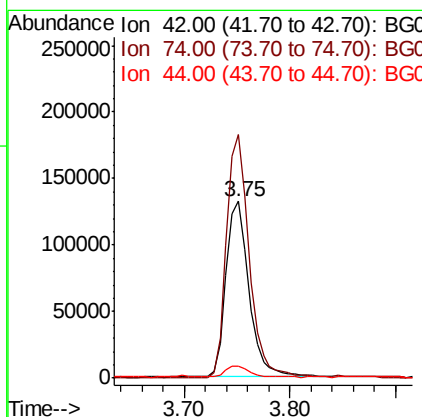
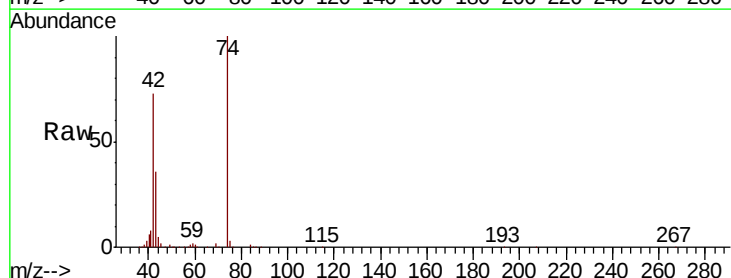
RT: 3.75 min Scan# 113

Delta R.T. 0.01 min

Lab File: BG043915.D

Acq: 4 Jan 2020 10:17

Tgt Ion	Ion	Ratio	Lower	Upper
42	100			
74	137.8	108.6	162.8	
44	6.5	5.0	7.6	





#5

2-Fluorophenol

Concen: 154.553 ng

RT: 5.54 min Scan# 418

Delta R.T. 0.01 min

Lab File: BG043915.D

Acq: 4 Jan 2020 10:17

Instrument :

BNA_G

ClientSampleId :

OR-02-123119MS

Tot Ion:112 Resp: 1101168

Ion Ratio Lower Upper

112 100

64 62.0 47.8 71.6

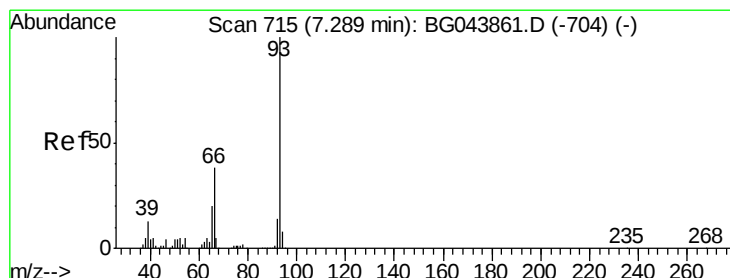
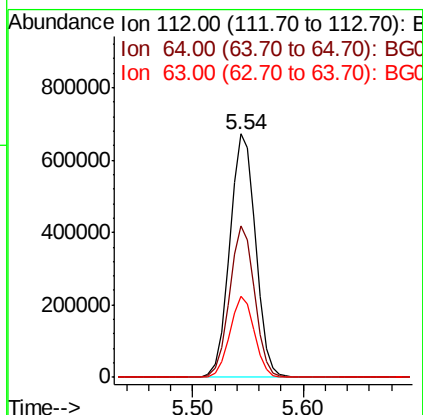
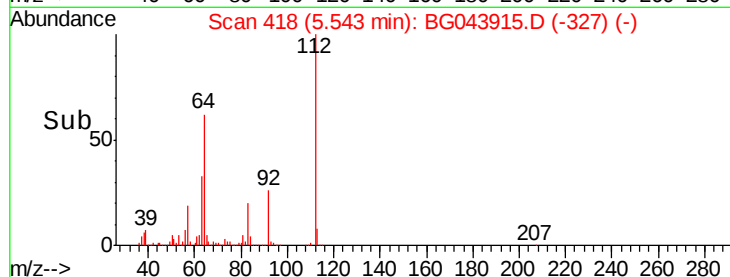
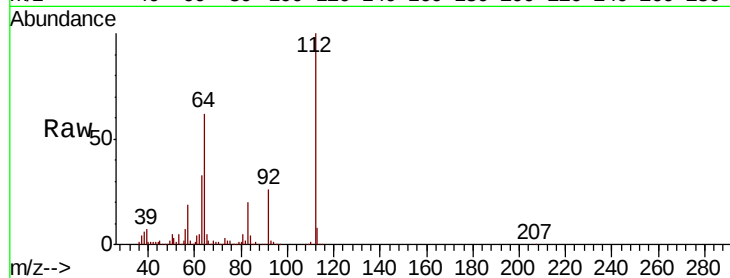
63 33.1 24.3 36.5

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#6

Aniline

Concen: 13.564 ng

RT: 7.29 min Scan# 715

Delta R.T. -0.00 min

Lab File: BG043915.D

Acq: 4 Jan 2020 10:17

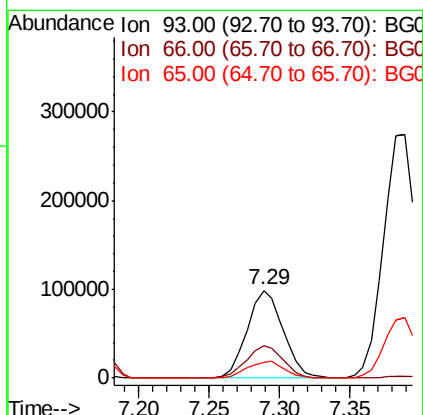
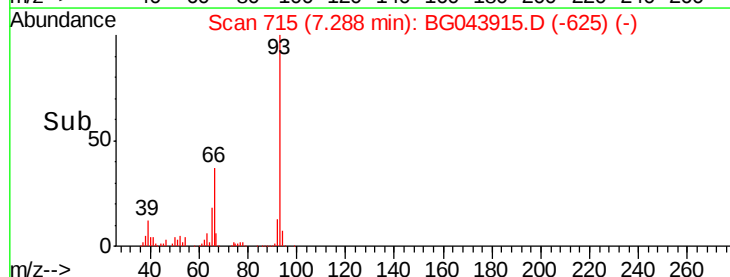
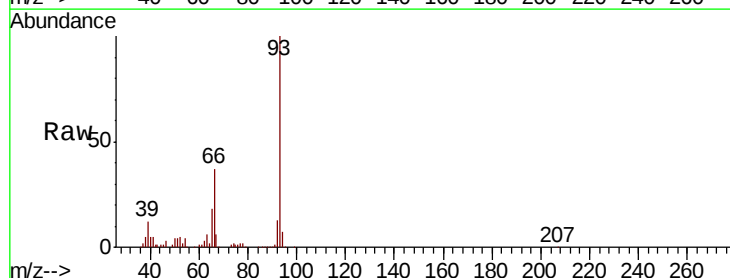
Tgt Ion: 93 Resp: 177435

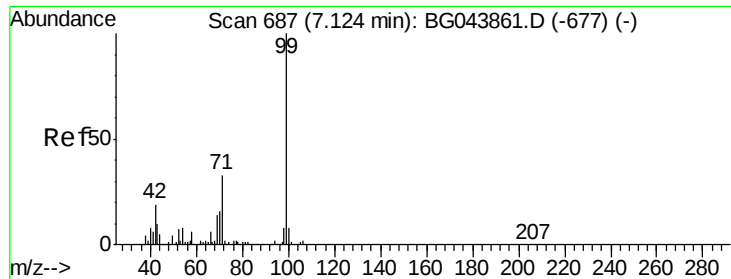
Ion Ratio Lower Upper

93 100

66 36.7 30.8 46.2

65 18.5 16.0 24.0





#7

Phenol-d6

Concen: 150.511 ng

RT: 7.14 min Scan# 689

Delta R.T. 0.01 min

Lab File: BG043915.D

Acq: 4 Jan 2020 10:17

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BNA_G

ClientSampleId :

OR-02-123119MS

Tot Ion: 99 Resp: 1498982

Ion Ratio Lower Upper

99 100

42 19.9 14.9 22.3

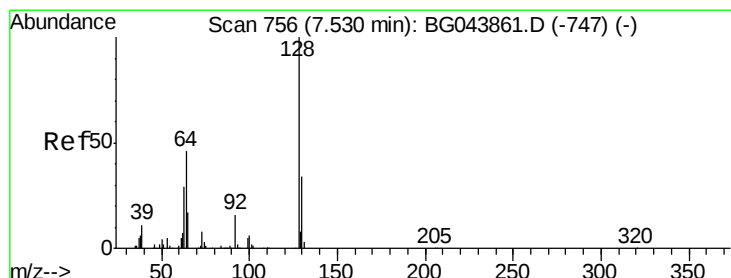
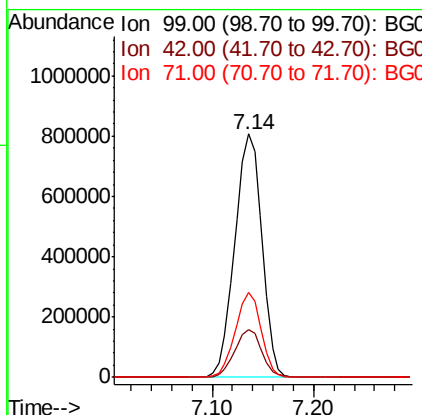
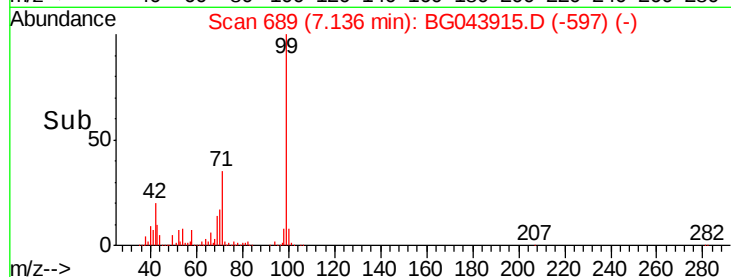
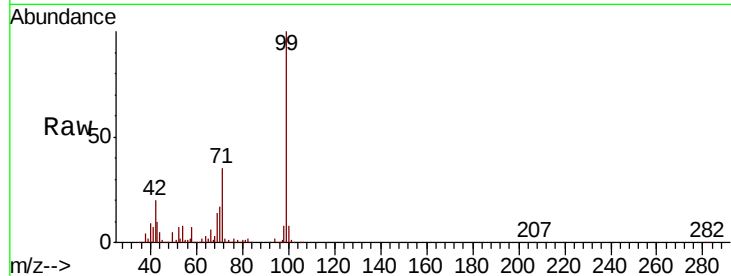
71 34.7 26.4 39.6

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#8

2-Chlorophenol

Concen: 56.428 ng

RT: 7.54 min Scan# 757

Delta R.T. 0.01 min

Lab File: BG043915.D

Acq: 4 Jan 2020 10:17

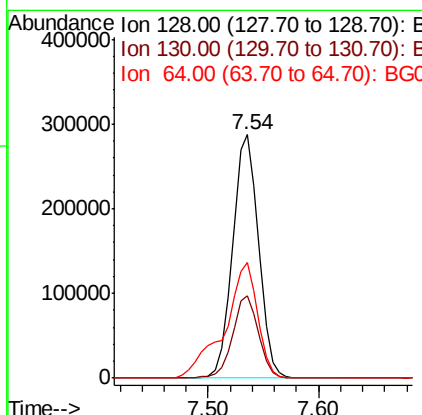
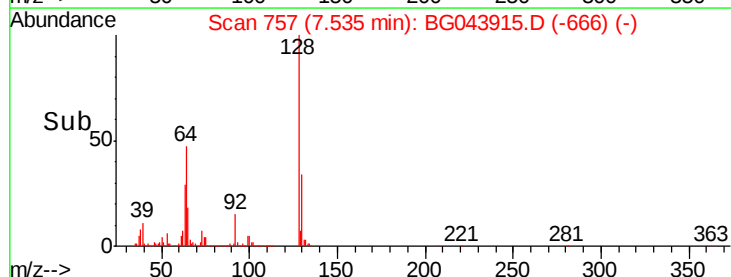
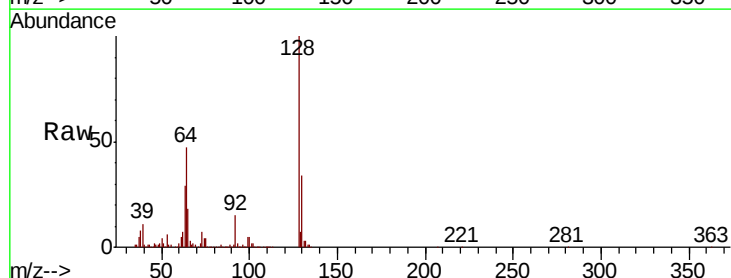
Tgt Ion: 128 Resp: 471988

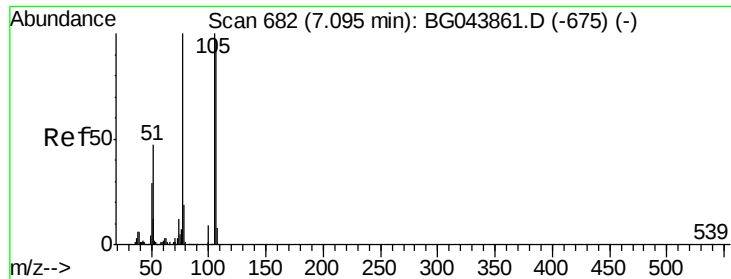
Ion Ratio Lower Upper

128 100

130 34.0 13.8 53.8

64 47.4 27.6 67.6





#9

Benzaldehyde

Concen: 39.438 ng

RT: 7.09 min Scan# 682

Delta R.T. -0.00 min

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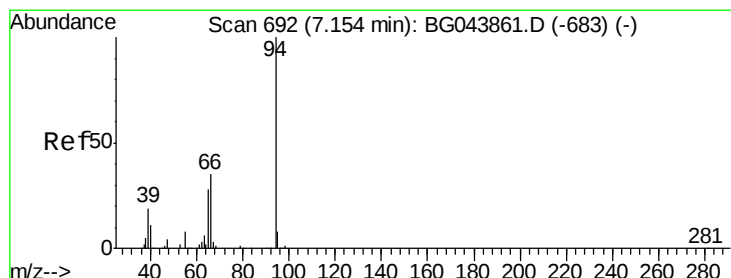
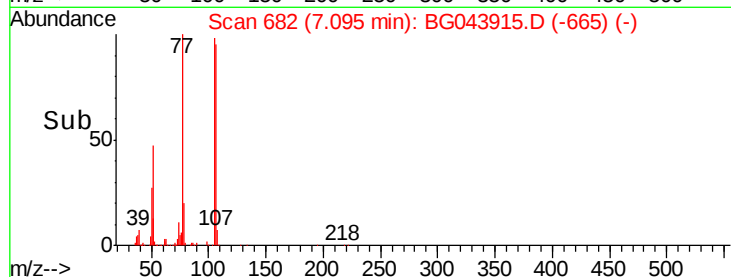
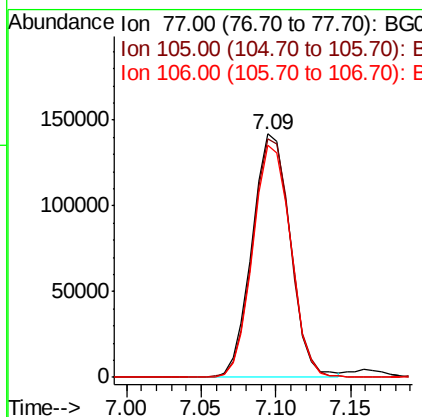
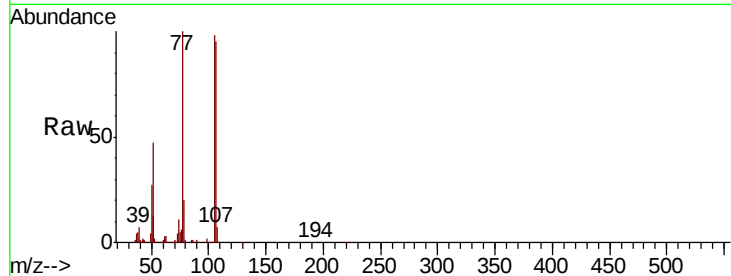
ClientSampleId :

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Tot Ion:	77	Resp:	251382
Ion Ratio	Lower	Upper	
77	100		
105	98.2	80.2	120.2
106	95.3	77.2	117.2

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#10

Phenol

Concen: 55.585 ng

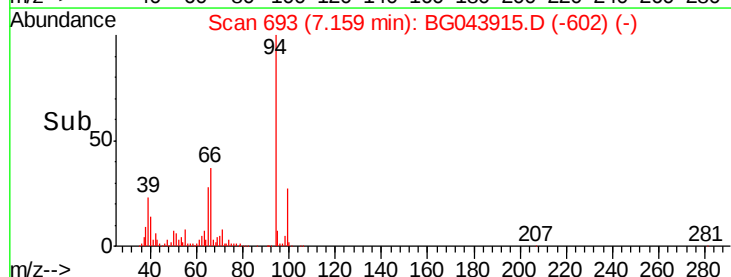
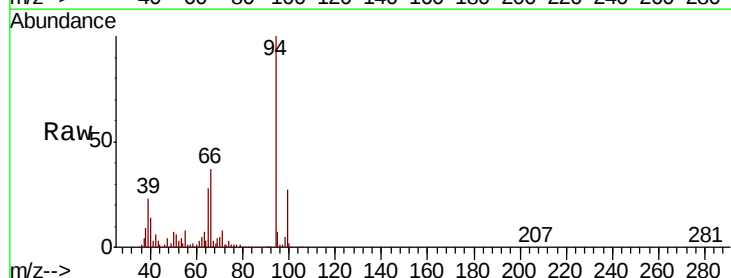
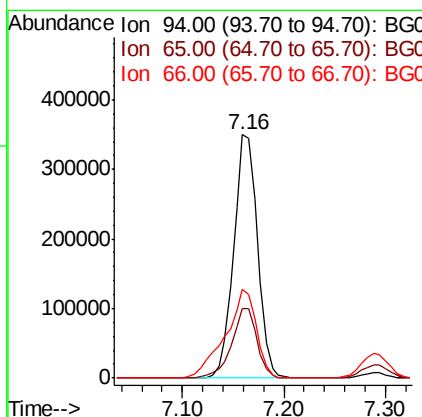
RT: 7.16 min Scan# 693

Delta R.T. 0.01 min

Lab File: BG043915.D

Acq: 4 Jan 2020 10:17

Tgt Ion:	94	Resp:	570366
Ion Ratio	Lower	Upper	
94	100		
65	28.5	8.1	48.1
66	36.5	15.6	55.6





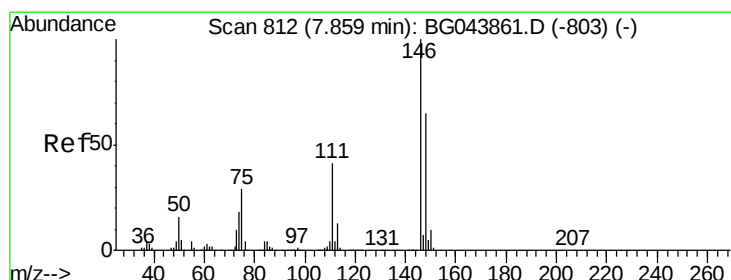
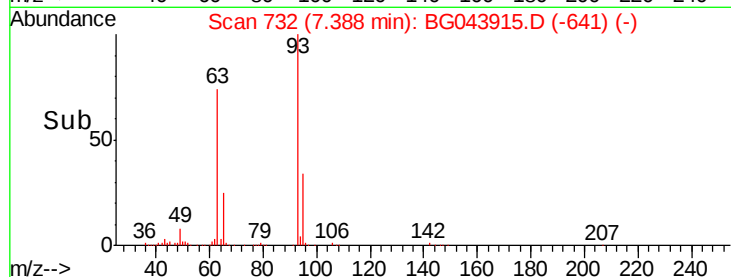
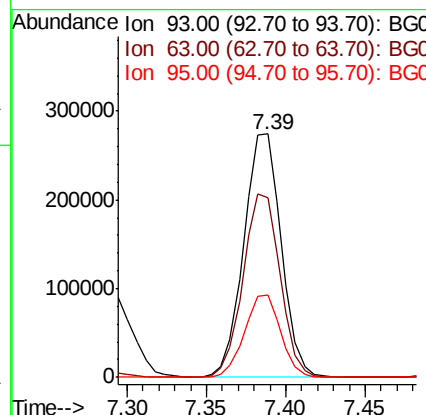
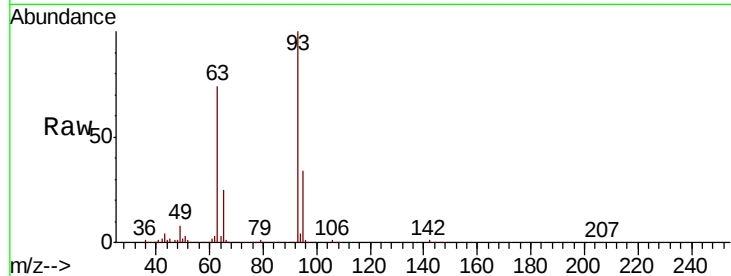
#11
bis(2-Chloroethyl)ether
Concen: 50.801 ng
RT: 7.39 min Scan# 732
Delta R.T. 0.01 min
Lab File: BG043915.D
Acq: 4 Jan 2020 10:17

Instrument :
BNA_G
ClientSampleId :
OR-02-123119MS

Tot Ion	Ratio	Lower	Upper
93	100		
63	74.0	55.0	95.0
95	33.8	13.3	53.3

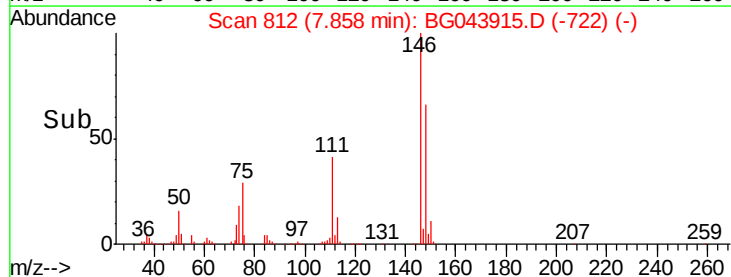
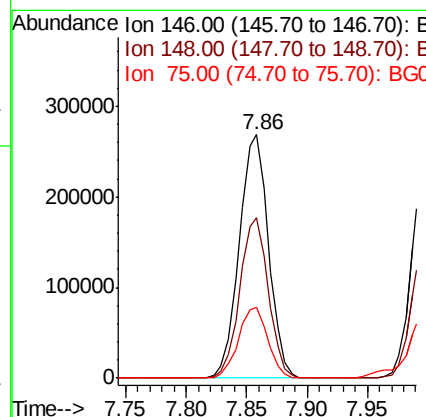
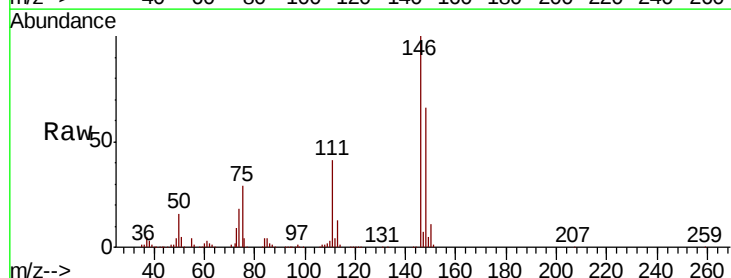
Manual Integrations
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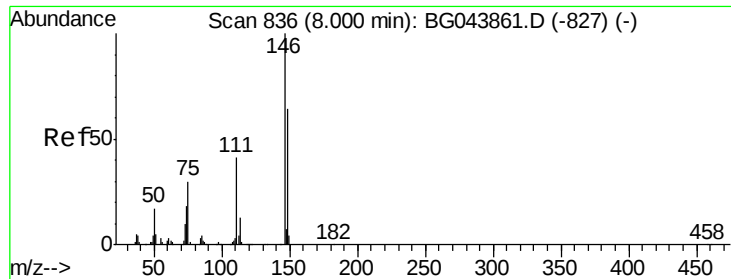
mohammad
1/6/2020 11:42:07 AM



#12
1,3-Dichlorobenzene
Concen: 46.256 ng
RT: 7.86 min Scan# 812
Delta R.T. -0.00 min
Lab File: BG043915.D
Acq: 4 Jan 2020 10:17

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.8	52.1	78.1
75	29.1	23.0	34.4





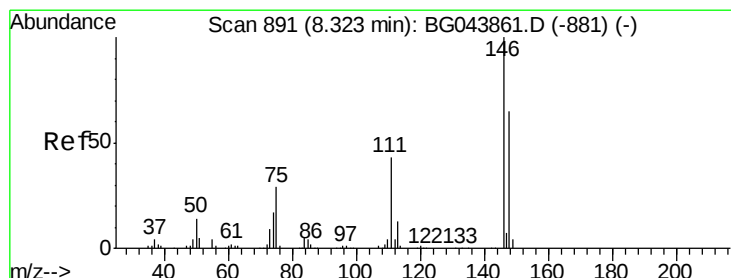
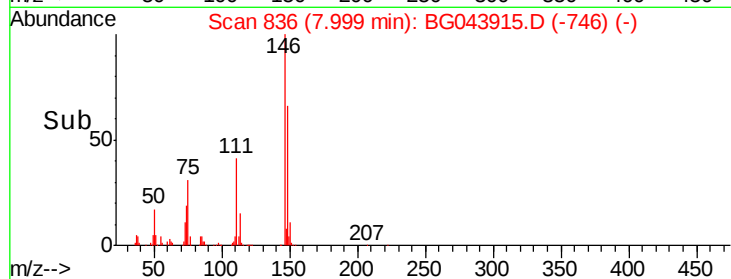
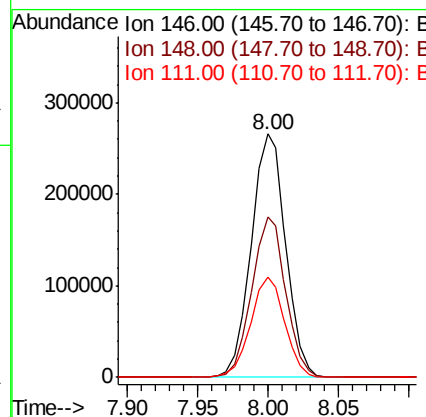
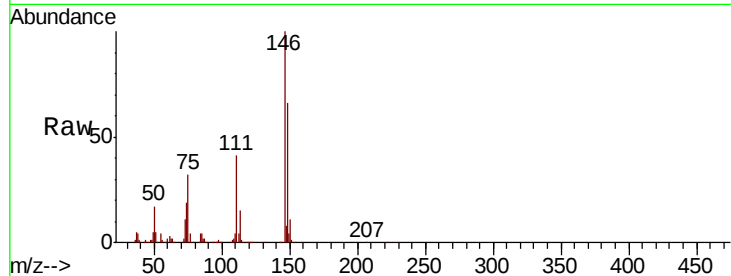
#13
 1,4-Dichlorobenzene
 Concen: 47.067 ng
 RT: 8.00 min Scan# 836
 Delta R.T. -0.00 min
 Lab File: BG043915.D
 Acq: 4 Jan 2020 10:17

Instrument :
 BNA_G
 ClientSampleId :
 OR-02-123119MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.7	51.2	76.8
111	41.3	33.1	49.7

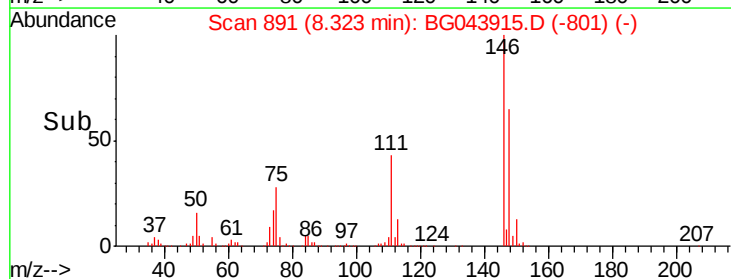
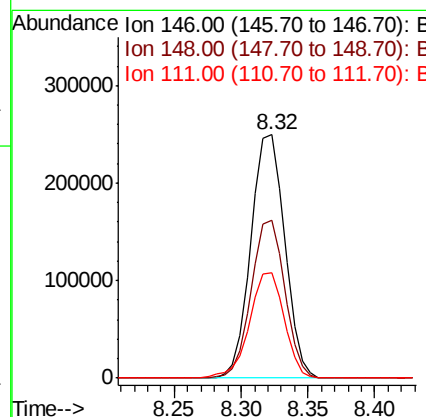
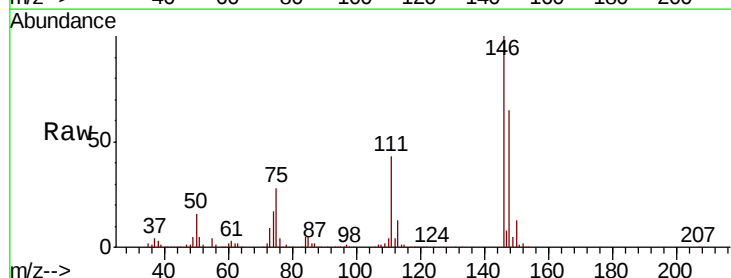
Manual Integrations
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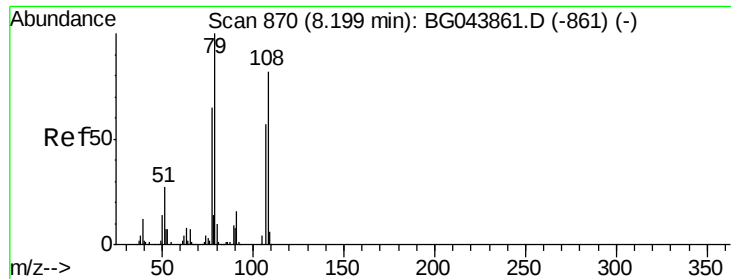
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 47.114 ng
 RT: 8.32 min Scan# 891
 Delta R.T. -0.00 min
 Lab File: BG043915.D
 Acq: 4 Jan 2020 10:17

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.8	51.7	77.5
111	43.1	34.4	51.6





#15

Benzyl Alcohol

Concen: 54.131 ng

RT: 8.20 min Scan# 870

Delta R.T. -0.00 min

Lab File: BG043915.D

Acq: 4 Jan 2020 10:17

Instrument :

BNA_G

ClientSampleId :

OR-02-123119MS

Tot Ion: 79 Resp: 425472

Ion Ratio Lower Upper

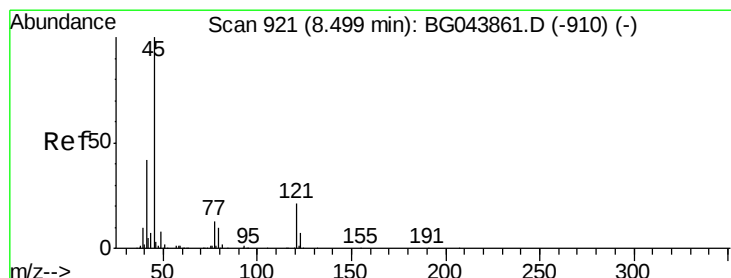
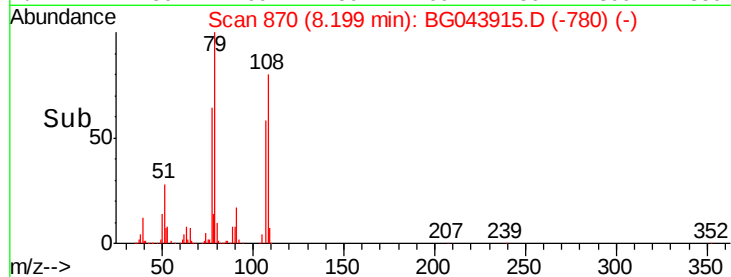
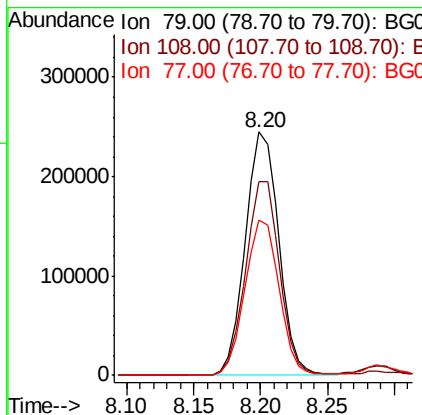
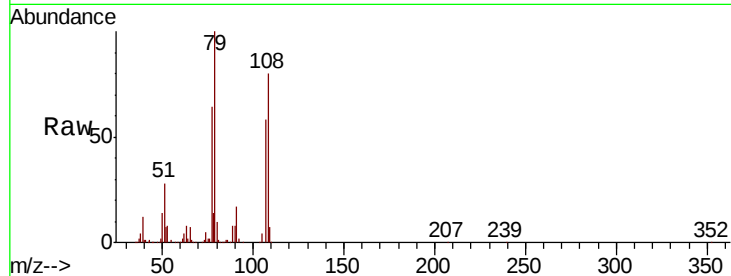
79 100

108 79.6 65.6 98.4

77 63.9 52.0 78.0

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 46.925 ng

RT: 8.50 min Scan# 921

Delta R.T. -0.00 min

Lab File: BG043915.D

Acq: 4 Jan 2020 10:17

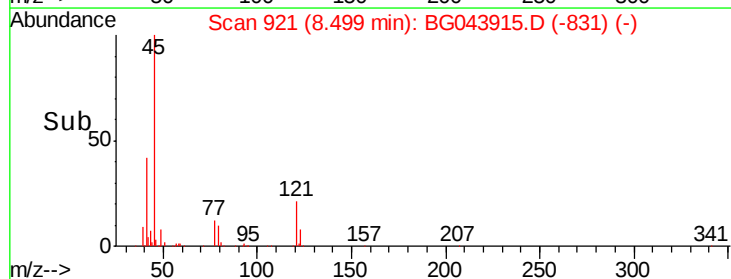
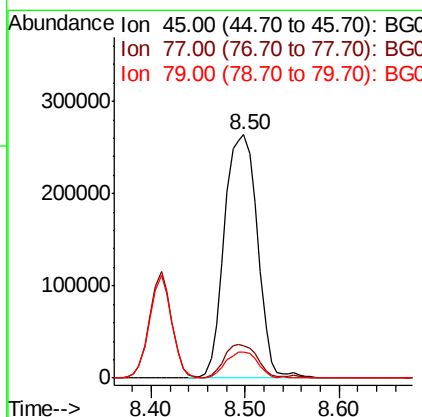
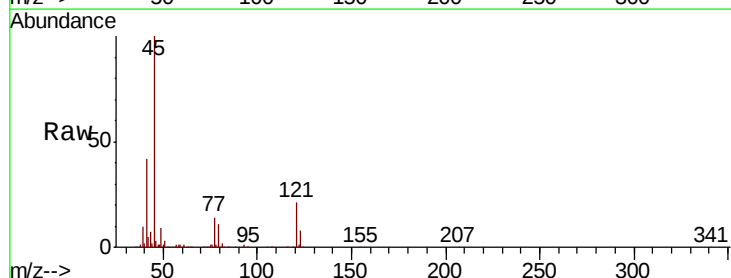
Tgt Ion: 45 Resp: 643032

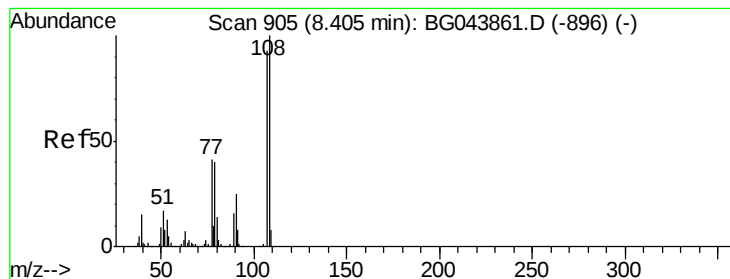
Ion Ratio Lower Upper

45 100

77 13.5 0.0 33.8

79 10.8 0.0 31.0





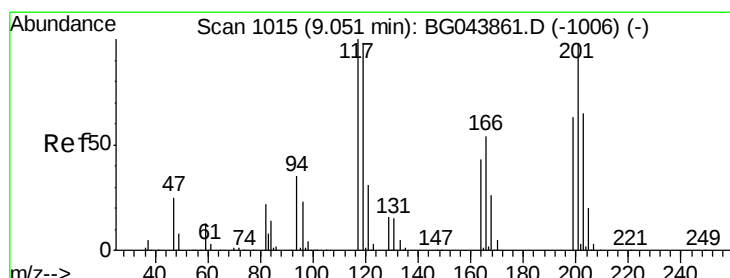
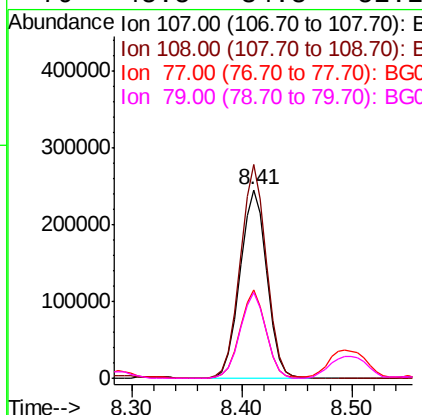
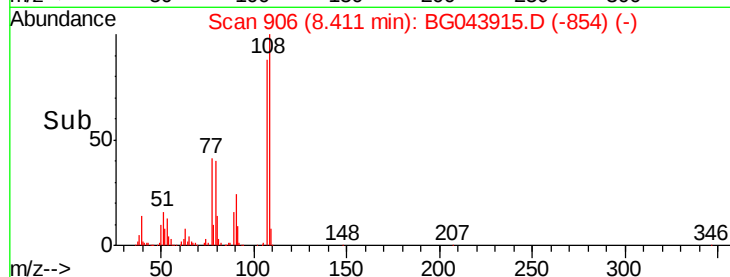
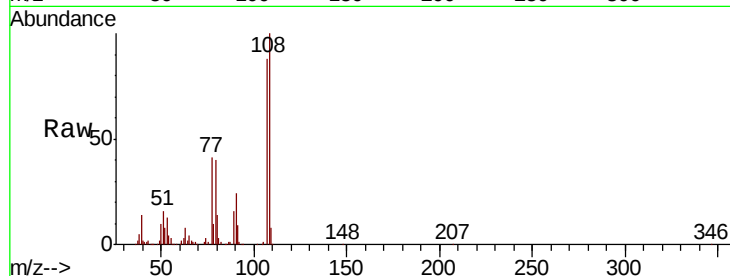
#17
2-Methylphenol
Concen: 56.346 ng
RT: 8.41 min Scan# 906
Delta R.T. 0.01 min
Lab File: BG043915.D
Acq: 4 Jan 2020 10:17

Instrument :
BNA_G
ClientSampleId :
OR-02-123119MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.5	86.1	129.1	
77	47.0	35.4	53.0	
79	45.5	34.8	52.2	

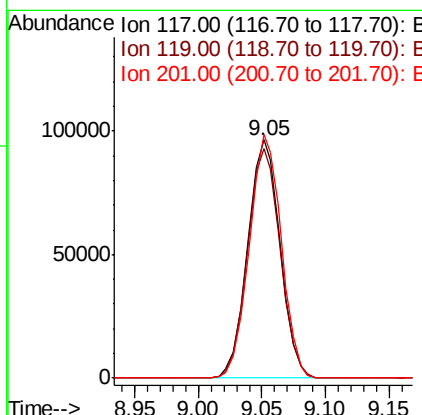
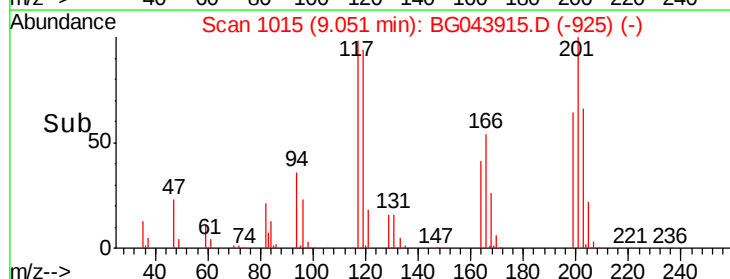
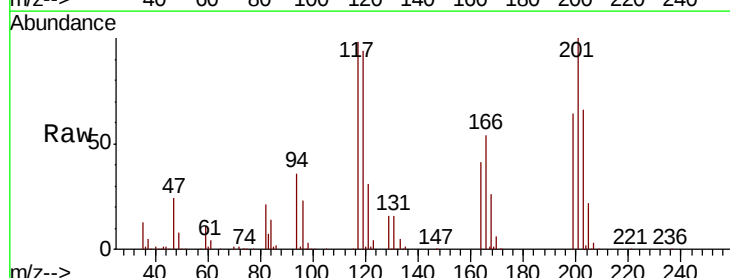
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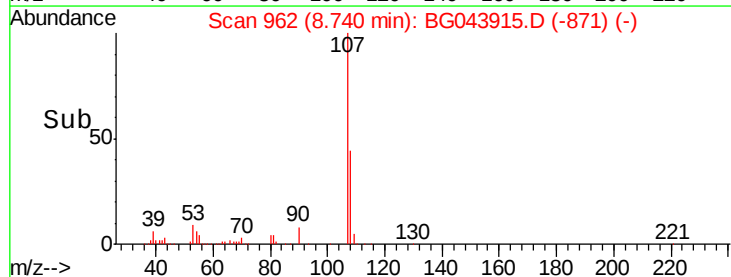
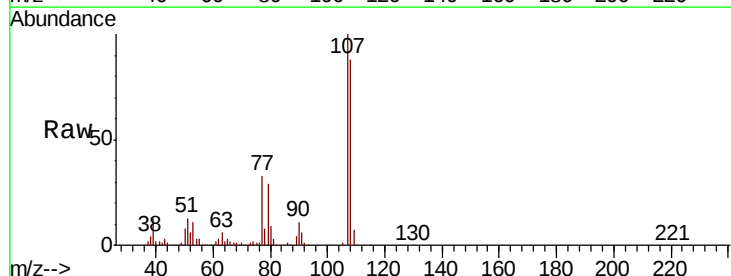
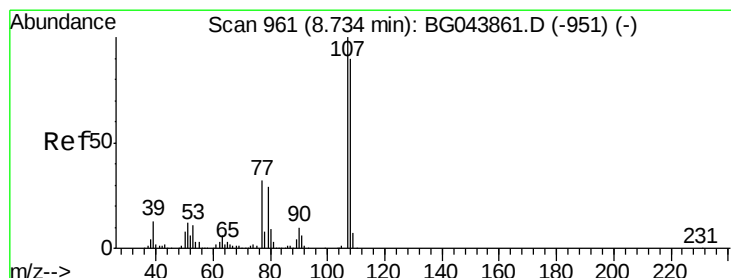
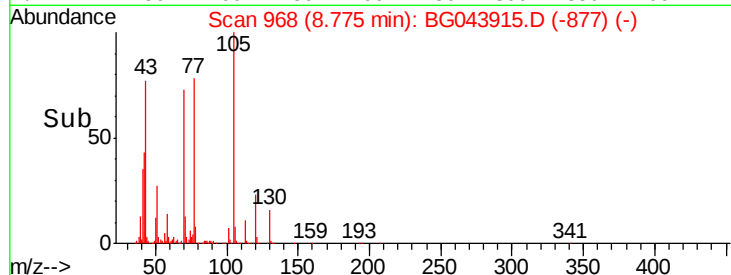
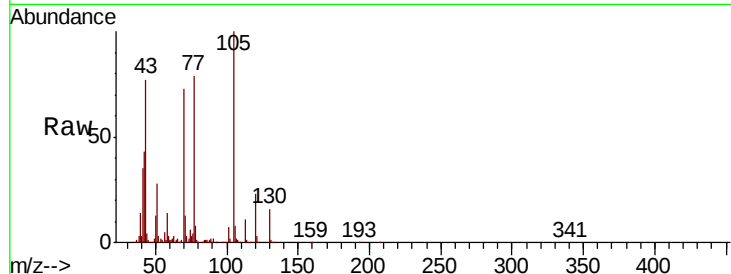
mohammad
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#18
Hexachloroethane
Concen: 45.561 ng
RT: 9.05 min Scan# 1015
Delta R.T. -0.00 min
Lab File: BG043915.D
Acq: 4 Jan 2020 10:17

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.5	78.1	117.1	
201	102.3	78.6	117.8	





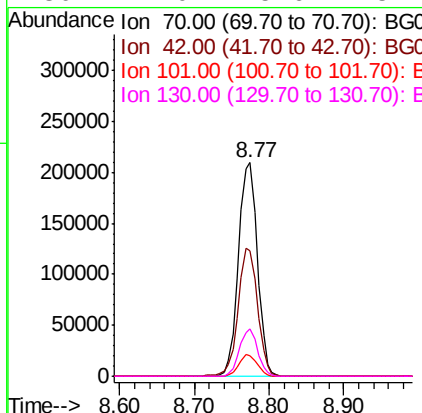
#19
n-Nitroso-di-n-propylamine
Concen: 49.632 ng
RT: 8.77 min Scan# 968
Delta R.T. 0.01 min
Lab File: BG043915.D
Acq: 4 Jan 2020 10:17

Instrument :
BNA_G
ClientSampleId :
OR-02-123119MS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	58.8	47.0	70.4	
101	9.3	7.2	10.8	
130	22.0	15.6	23.4	

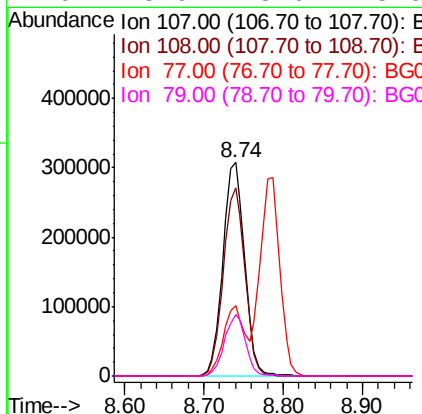
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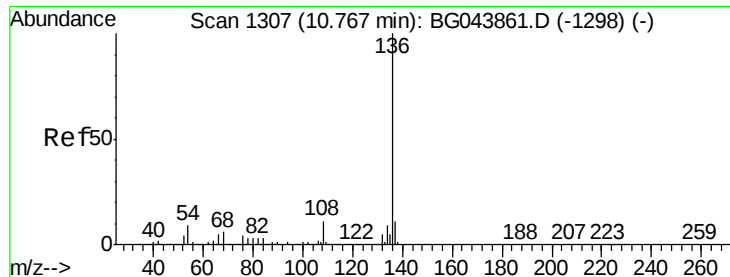
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#20
3+4-Methylphenols
Concen: 56.266 ng
RT: 8.74 min Scan# 962
Delta R.T. 0.01 min
Lab File: BG043915.D
Acq: 4 Jan 2020 10:17

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	88.0	70.3	110.3	
77	32.7	12.4	52.4	
79	28.9	8.6	48.6	





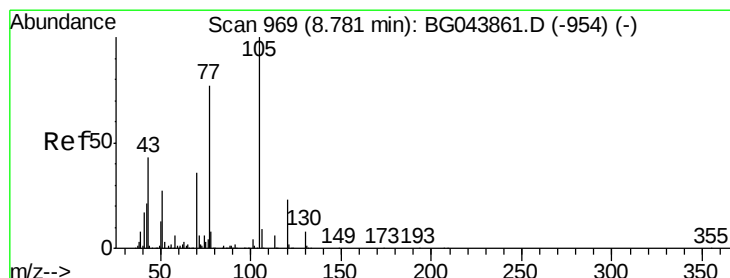
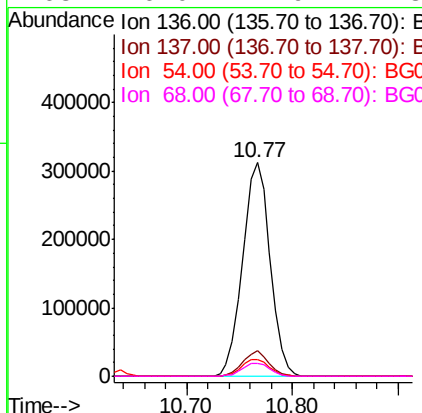
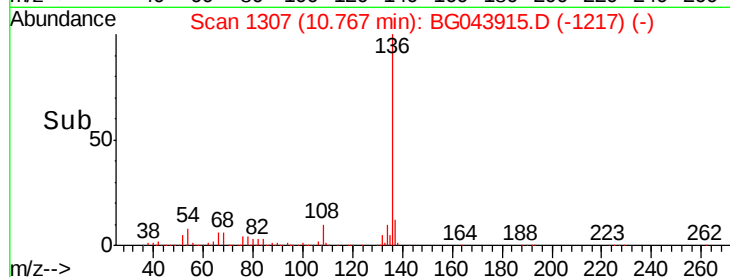
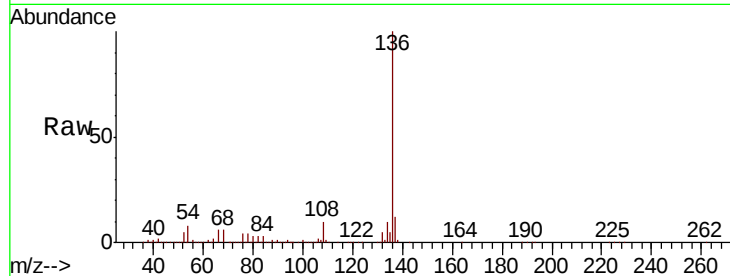
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.77 min Scan# 1307
Delta R.T. -0.00 min
Lab File: BG043915.D
Acq: 4 Jan 2020 10:17

Instrument :
BNA_G
ClientSampleId :
OR-02-123119MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100				
137	12.0		8.8	13.2	
54	8.0		7.0	10.4	
68	6.0		4.9	7.3	

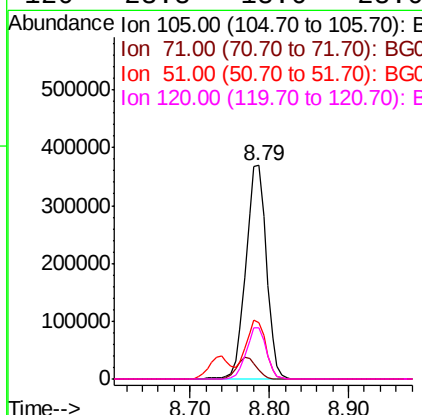
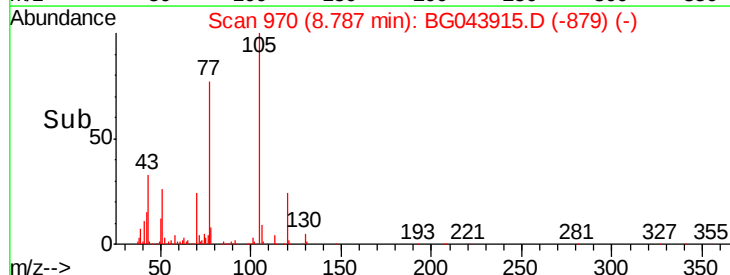
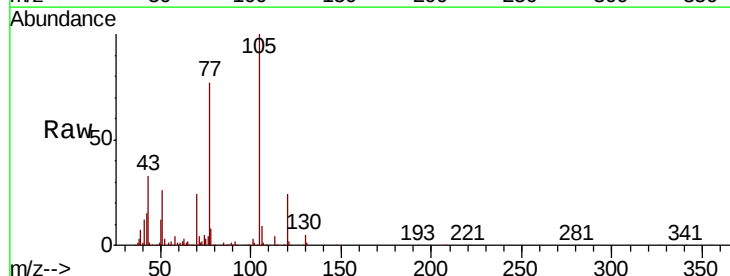
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#22
Acetophenone
Concen: 47.731 ng
RT: 8.79 min Scan# 970
Delta R.T. 0.01 min
Lab File: BG043915.D
Acq: 4 Jan 2020 10:17

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100				
71	4.0		4.8	7.2	#
51	26.2		21.4	32.0	
120	23.8		18.6	28.0	





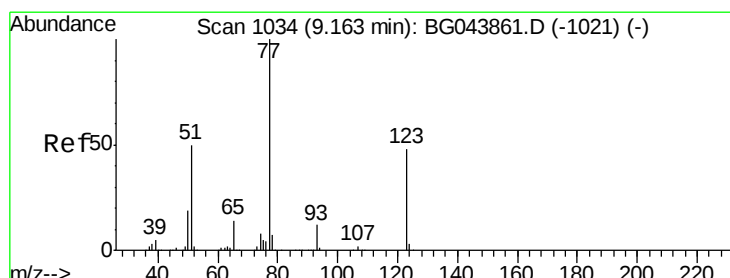
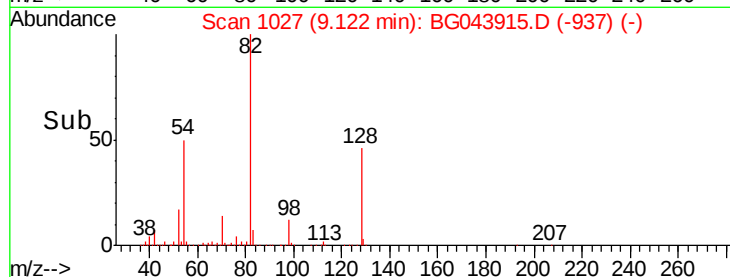
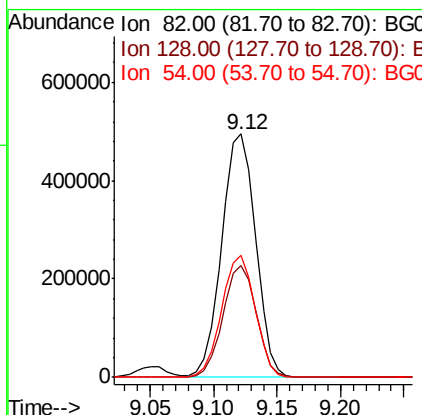
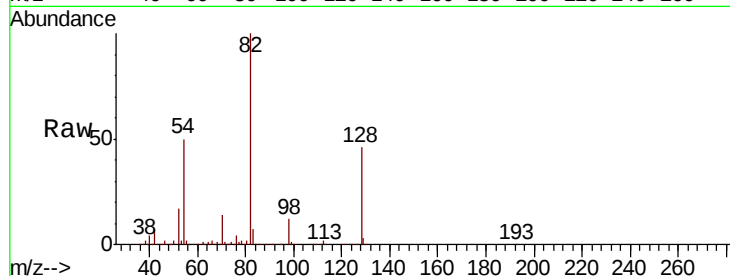
#23
Nitrobenzene-d5
Concen: 87.391 ng
RT: 9.12 min Scan# 1027
Delta R.T. -0.00 min
Lab File: BG043915.D
Acq: 4 Jan 2020 10:17

Instrument :
BNA_G
ClientSampleId :
OR-02-123119MS

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.7	35.1	52.7
54	49.9	40.1	60.1

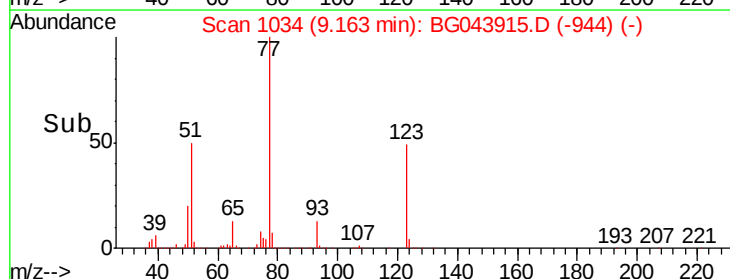
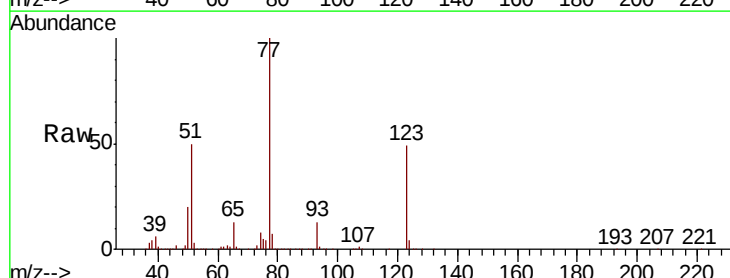
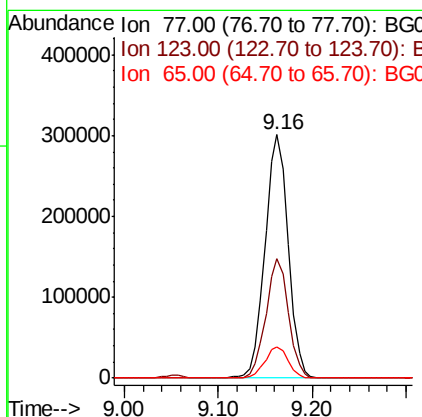
Manual Integrations
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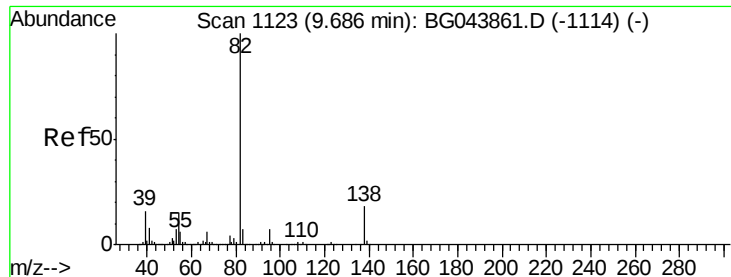
mohammad
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#24
Nitrobenzene
Concen: 49.434 ng
RT: 9.16 min Scan# 1034
Delta R.T. -0.00 min
Lab File: BG043915.D
Acq: 4 Jan 2020 10:17

Tgt Ion	Ratio	Lower	Upper
77	100		
123	49.2	38.7	58.1
65	12.9	11.1	16.7





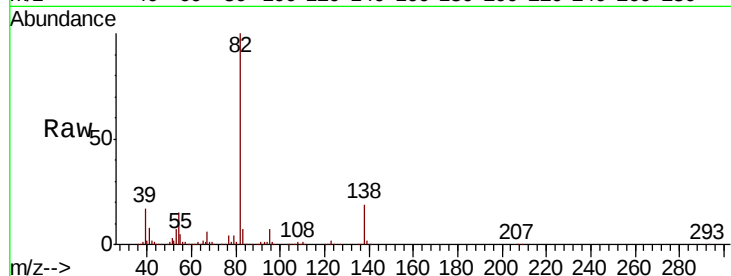
#25
Isophorone
Concen: 50.668 ng
RT: 9.69 min Scan# 1124
Delta R.T. 0.01 min
Lab File: BG043915.D
Acq: 4 Jan 2020 10:17

Instrument :
BNA_G
ClientSampleId :
OR-02-123119MS

Tot Ion	Ratio	Lower	Upper
82	100		
95	7.4	5.8	8.6
138	19.0	14.6	22.0

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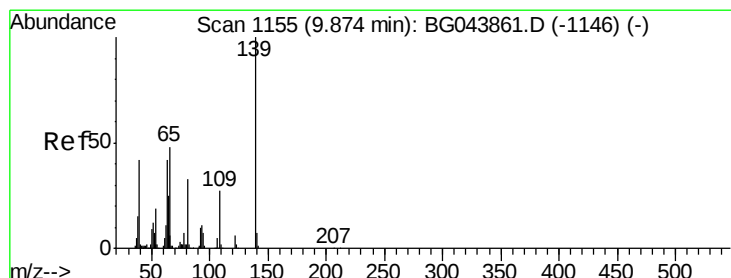
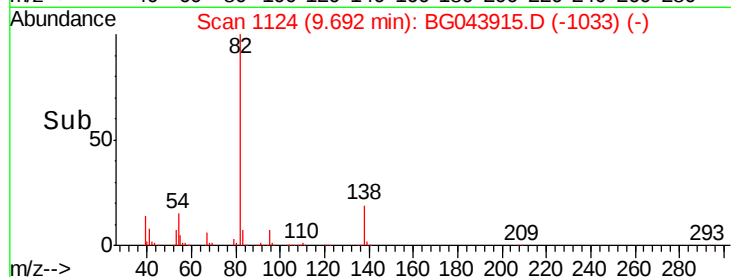
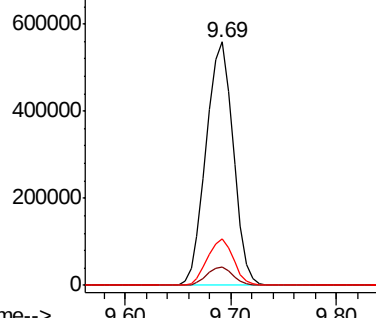


Abundance

Ion 82.00 (81.70 to 82.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 138.00 (137.70 to 138.70): BGC



#26
2-Nitrophenol
Concen: 55.377 ng
RT: 9.87 min Scan# 1155
Delta R.T. -0.00 min
Lab File: BG043915.D
Acq: 4 Jan 2020 10:17

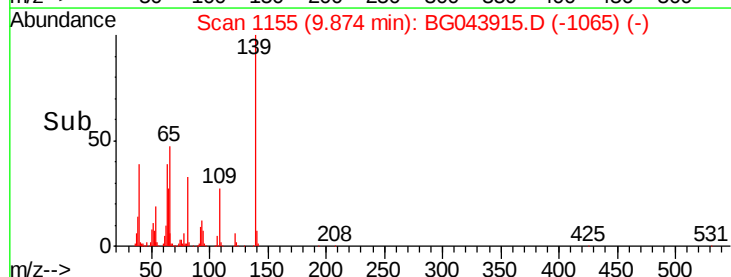
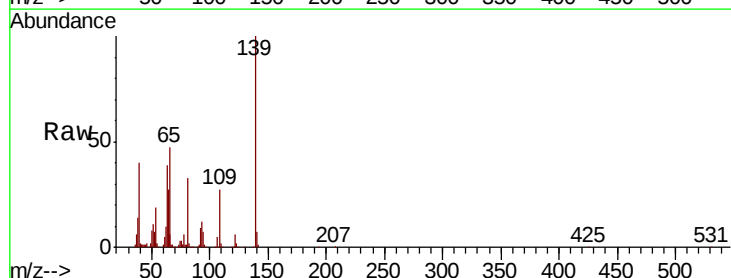
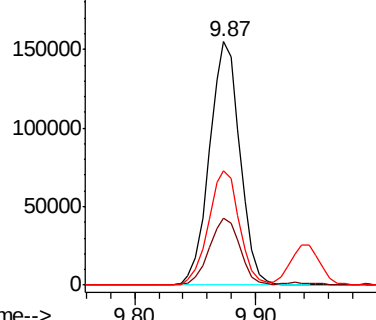
Tgt Ion	Ratio	Lower	Upper
139	100		
109	27.3	21.3	31.9
65	46.9	38.6	57.8

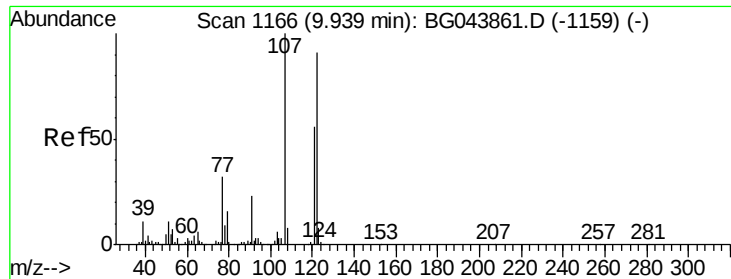
Abundance

Ion 139.00 (138.70 to 139.70): BGC

Ion 109.00 (108.70 to 109.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





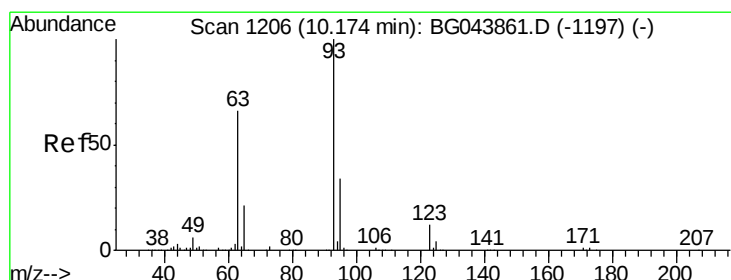
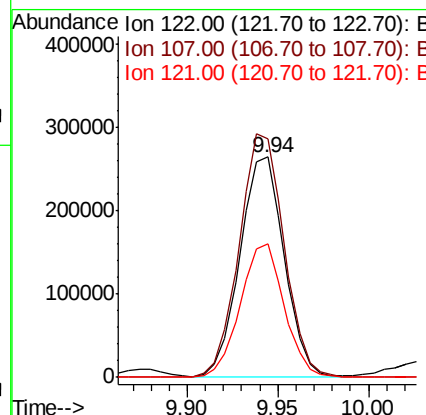
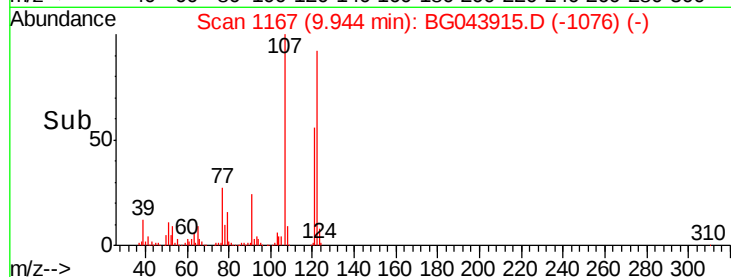
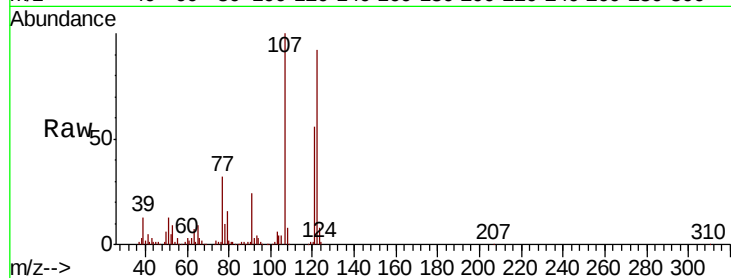
#27
2,4-Dimethylphenol
Concen: 60.636 ng
RT: 9.94 min Scan# 1167
Delta R.T. 0.01 min
Lab File: BG043915.D
Acq: 4 Jan 2020 10:17

Instrument :
BNA_G
ClientSampleId :
OR-02-123119MS

Tot Ion	Ratio	Lower	Upper
122	100		
107	108.4	88.0	132.0
121	60.8	49.0	73.4

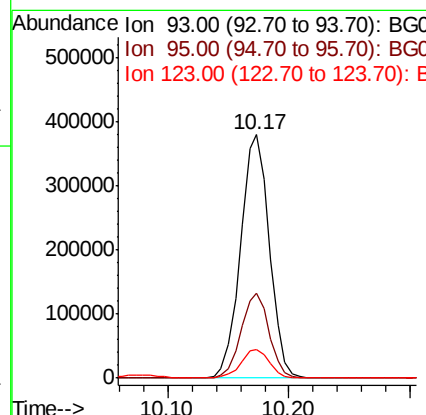
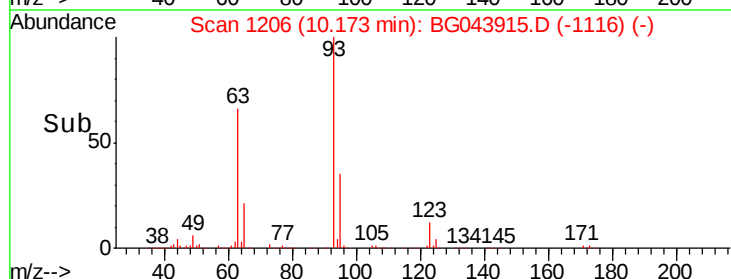
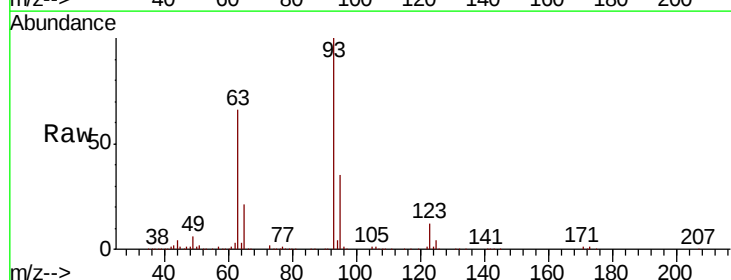
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#28
bis(2-Chloroethoxy)methane
Concen: 48.083 ng
RT: 10.17 min Scan# 1206
Delta R.T. -0.00 min
Lab File: BG043915.D
Acq: 4 Jan 2020 10:17

Tgt Ion	Ratio	Lower	Upper
93	100		
95	34.9	27.2	40.8
123	11.9	9.7	14.5





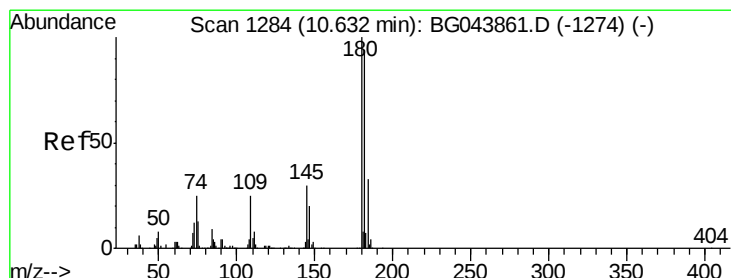
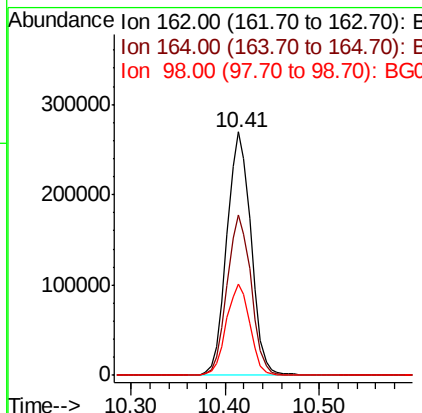
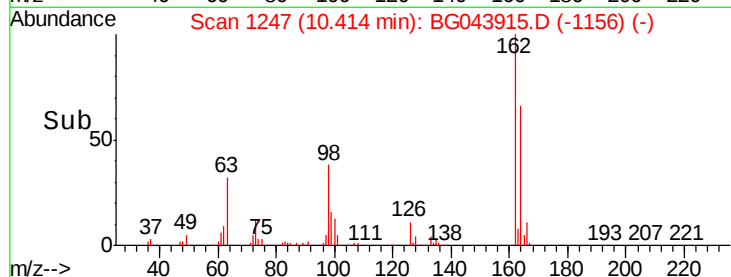
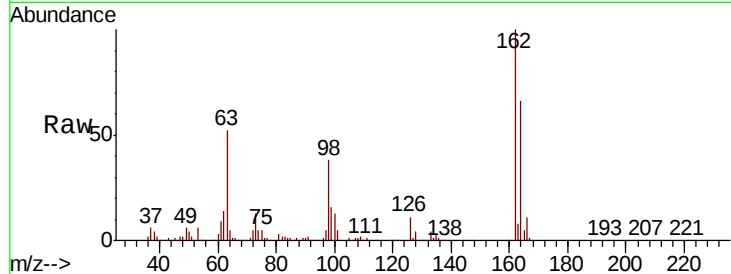
#29
2,4-Dichlorophenol
Concen: 54.643 ng
RT: 10.41 min Scan# 1247
Delta R.T. 0.01 min
Lab File: BG043915.D
Acq: 4 Jan 2020 10:17

Instrument :
BNA_G
ClientSampleId :
OR-02-123119MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	481799		
164	65.7	46.3	86.3	
98	37.7	17.3	57.3	

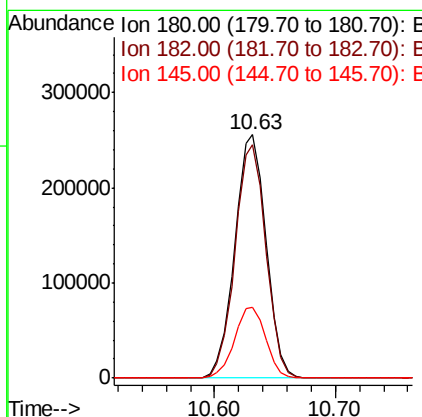
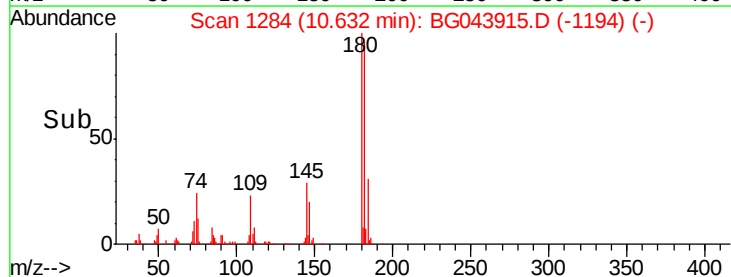
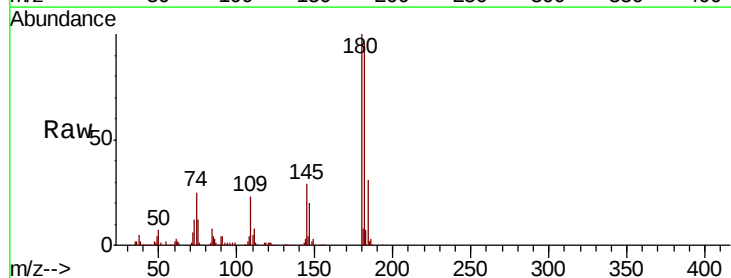
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#30
1,2,4-Trichlorobenzene
Concen: 46.682 ng
RT: 10.63 min Scan# 1284
Delta R.T. -0.00 min
Lab File: BG043915.D
Acq: 4 Jan 2020 10:17

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	461511		
182	95.8	75.0	112.4	
145	29.2	24.2	36.4	





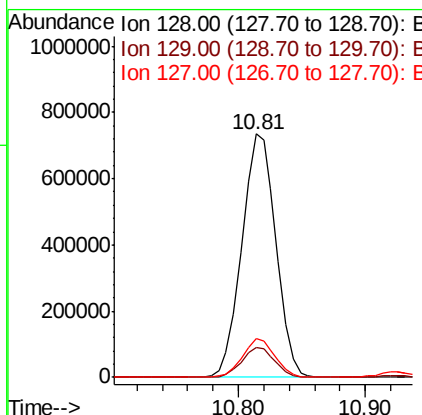
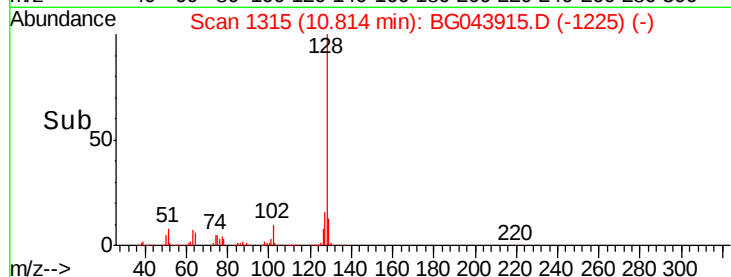
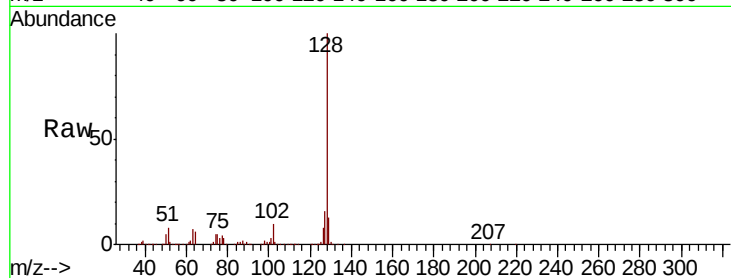
#31
Naphthalene
Concen: 50.223 ng
RT: 10.81 min Scan# 1315
Delta R.T. -0.00 min
Lab File: BG043915.D
Acq: 4 Jan 2020 10:17

Instrument :
BNA_G
ClientSampleId :
OR-02-123119MS

Tot Ion	Ratio	Lower	Upper
128	100		
129	12.5	9.8	14.6
127	15.7	12.0	18.0

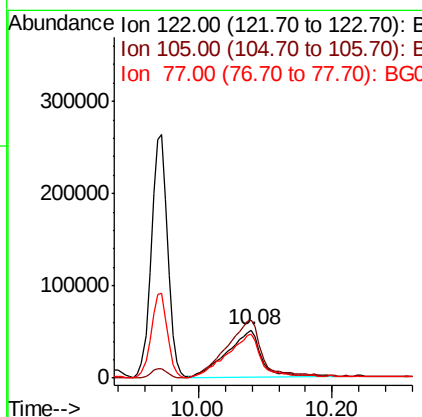
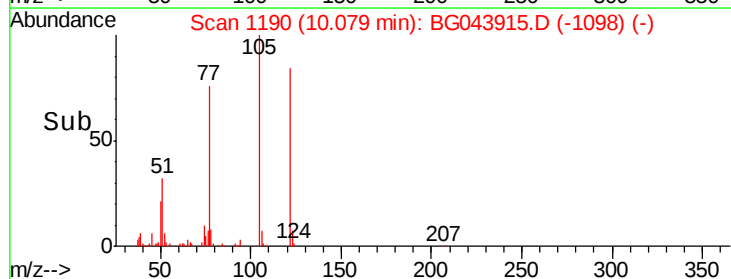
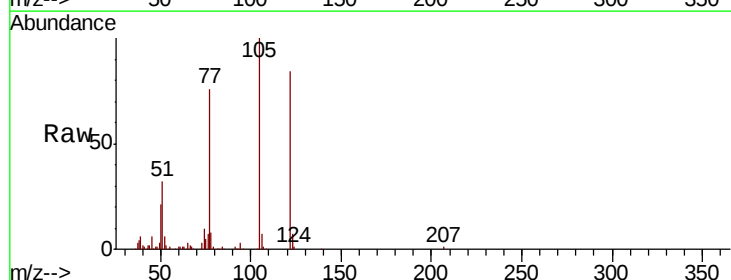
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#32
Benzoic acid
Concen: 33.148 ng
RT: 10.08 min Scan# 1190
Delta R.T. 0.01 min
Lab File: BG043915.D
Acq: 4 Jan 2020 10:17

Tgt Ion	Ratio	Lower	Upper
122	100		
105	119.3	106.4	146.4
77	90.8	74.6	114.6





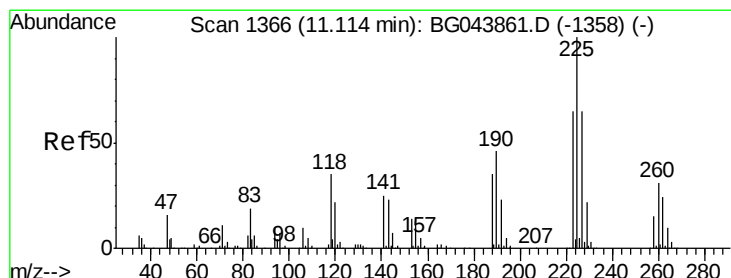
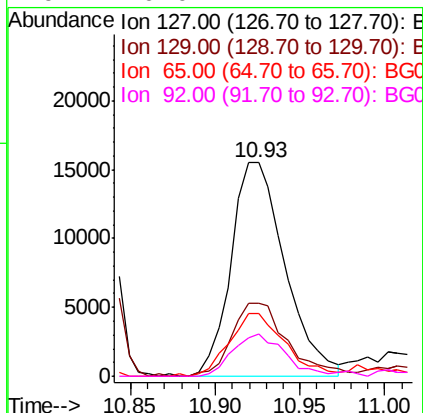
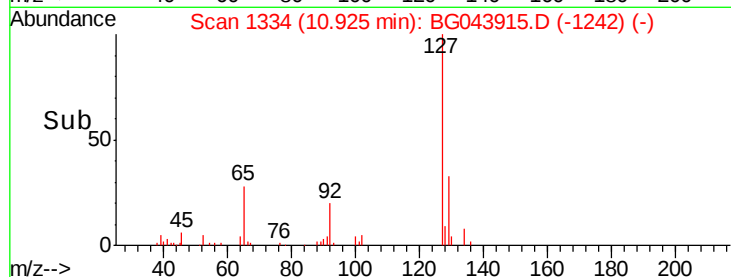
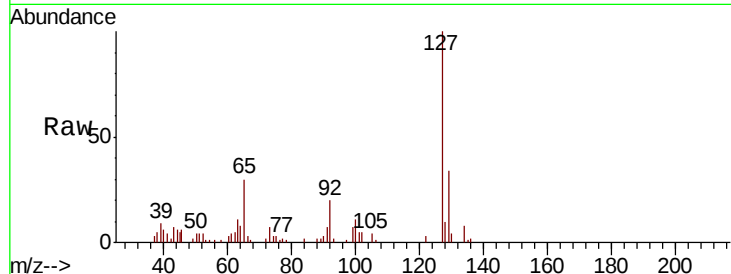
#33
4-Chloroaniline
Concen: 2.660 ng
RT: 10.93 min Scan# 1334
Delta R.T. 0.01 min
Lab File: BG043915.D
Acq: 4 Jan 2020 10:17

Instrument :
BNA_G
ClientSampleId :
OR-02-123119MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	34.0	26.6	40.0		
65	29.6	23.3	34.9		
92	20.0	14.7	22.1		

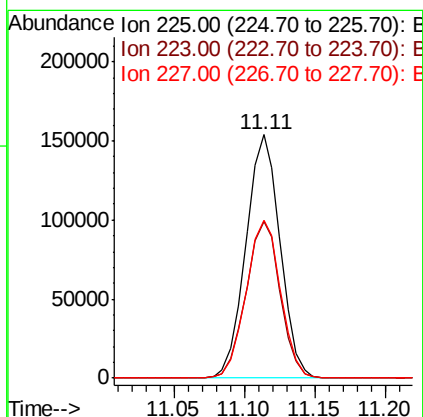
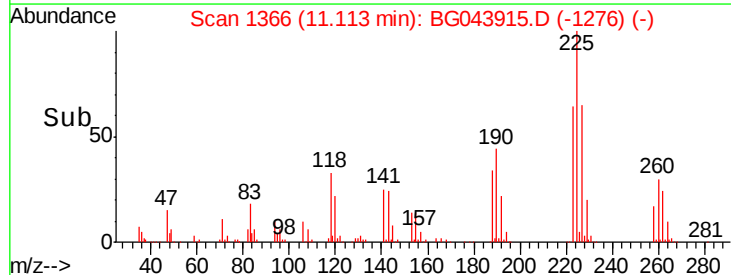
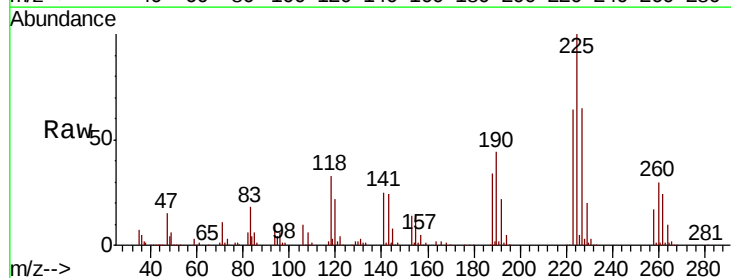
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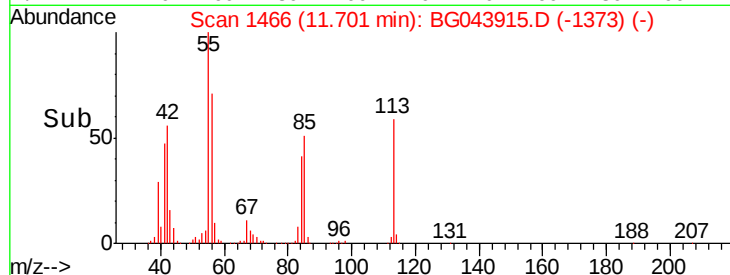
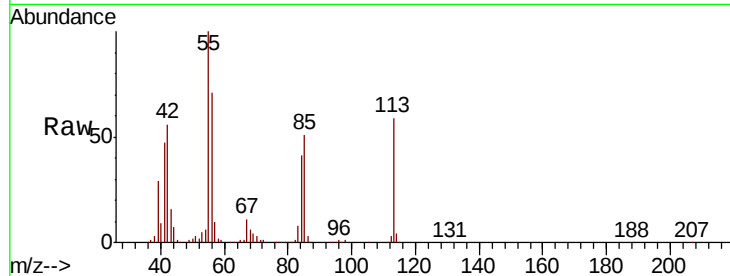
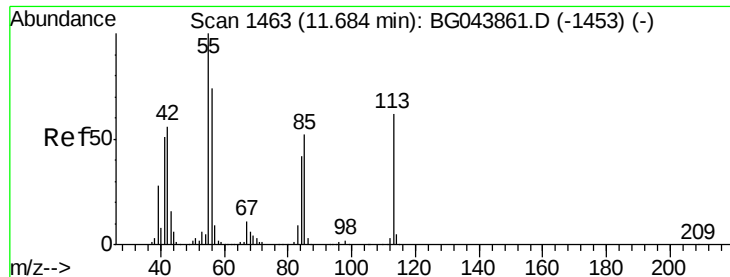
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#34
Hexachlorobutadiene
Concen: 43.232 ng
RT: 11.11 min Scan# 1366
Delta R.T. -0.00 min
Lab File: BG043915.D
Acq: 4 Jan 2020 10:17

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	64.4	52.2	78.4		
227	64.9	52.1	78.1		





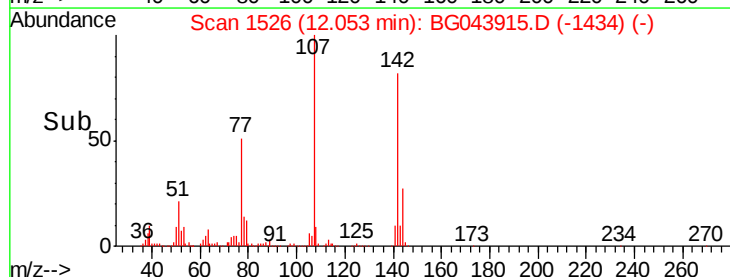
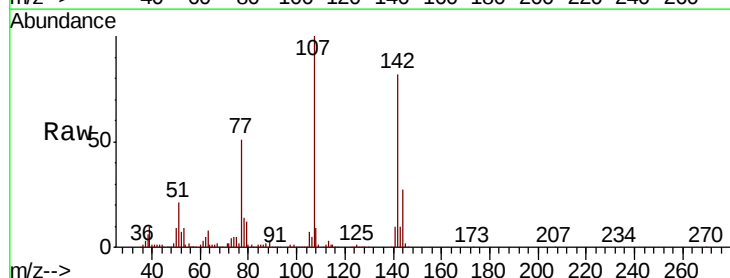
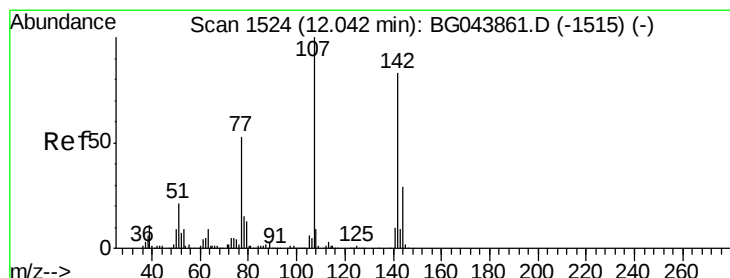
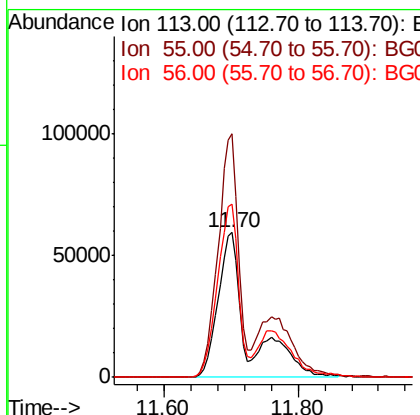
#35
Caprolactam
Concen: 55.960 ng/ml
RT: 11.70 min Scan# 1466
Delta R.T. 0.02 min
Lab File: BG043915.D
Acq: 4 Jan 2020 10:17

Instrument :
BNA_G
ClientSampleID :
OR-02-123119MS

Tot Ion	Ratio	Lower	Upper
113	100		
55	168.2	142.5	182.5
56	120.1	101.4	141.4

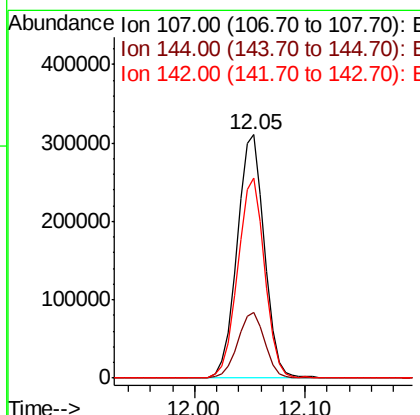
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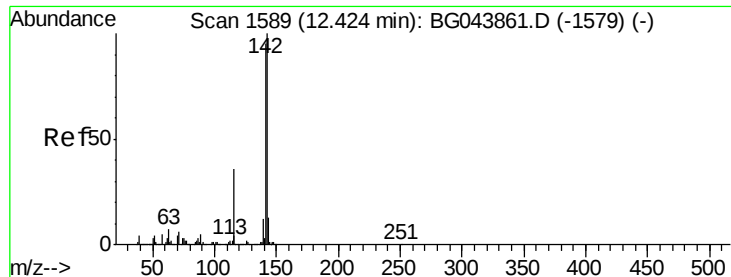
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#36
4-Chloro-3-methylphenol
Concen: 57.300 ng/ml
RT: 12.05 min Scan# 1526
Delta R.T. 0.01 min
Lab File: BG043915.D
Acq: 4 Jan 2020 10:17

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.9	23.4	35.2
142	82.3	66.3	99.5





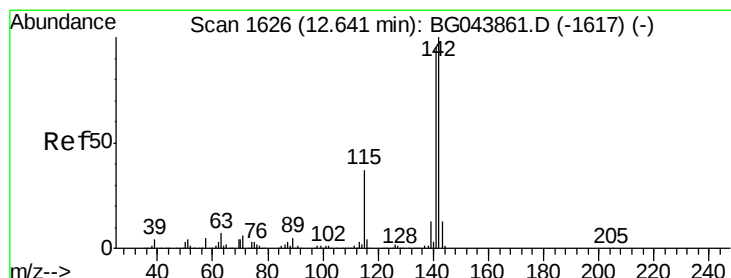
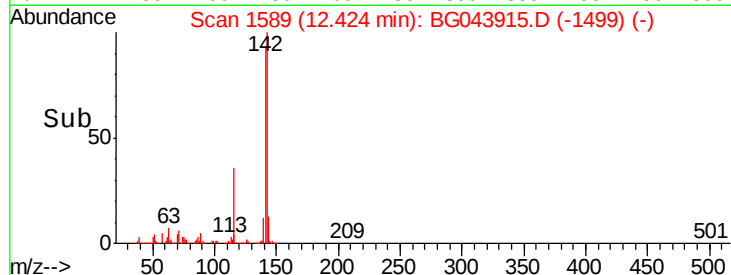
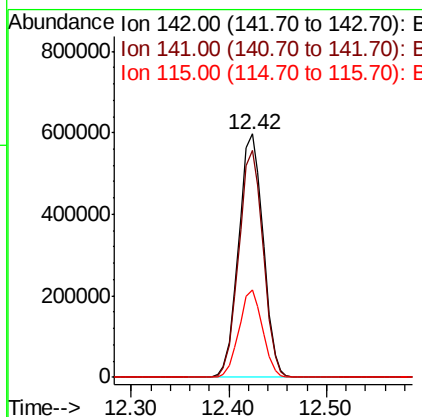
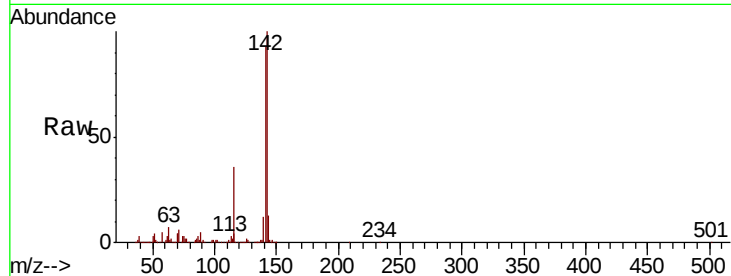
#37
2-Methylnaphthalene
Concen: 50.812 ng
RT: 12.42 min Scan# 1589
Delta R.T. -0.00 min
Lab File: BG043915.D
Acq: 4 Jan 2020 10:17

Instrument :
BNA_G
ClientSampleId :
OR-02-123119MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	93.0	75.8	113.8
115	35.9	28.6	42.8

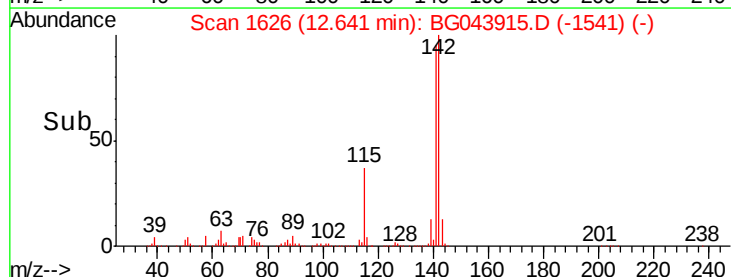
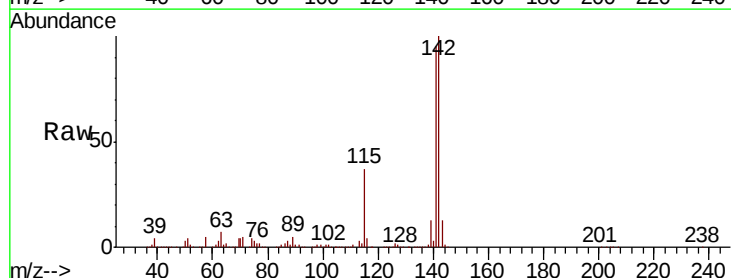
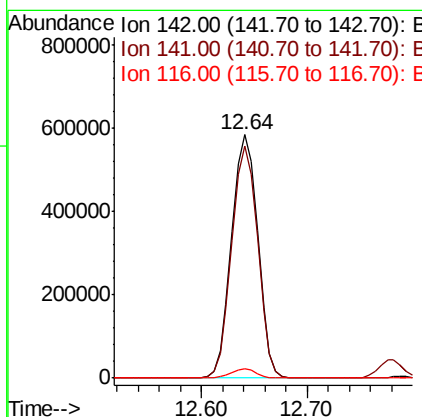
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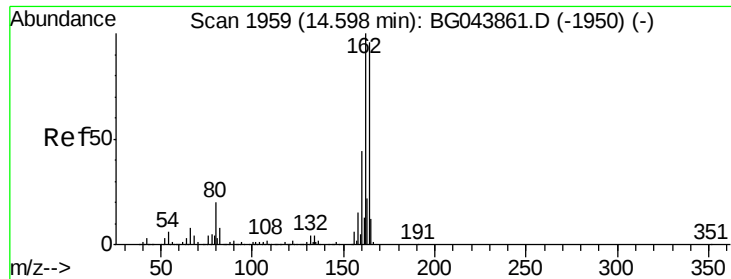
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#38
1-Methylnaphthalene
Concen: 51.740 ng
RT: 12.64 min Scan# 1626
Delta R.T. -0.00 min
Lab File: BG043915.D
Acq: 4 Jan 2020 10:17

Tgt Ion	Ratio	Lower	Upper
142	100		
141	95.4	76.0	114.0
116	4.1	3.1	4.7





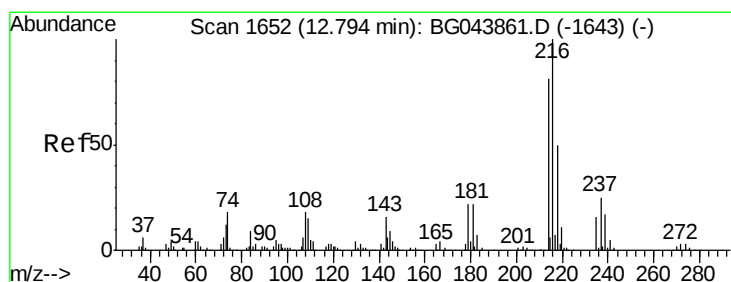
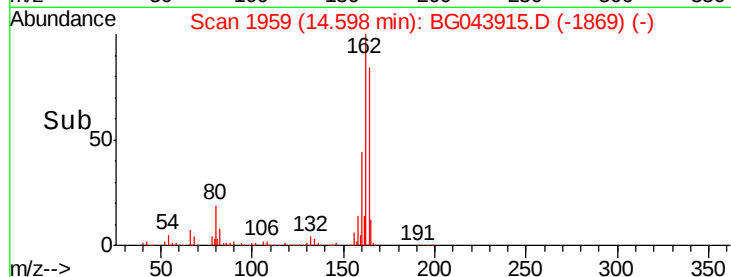
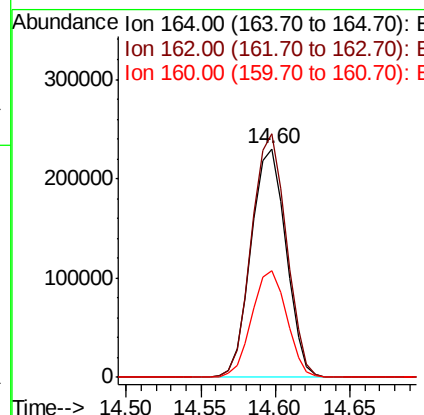
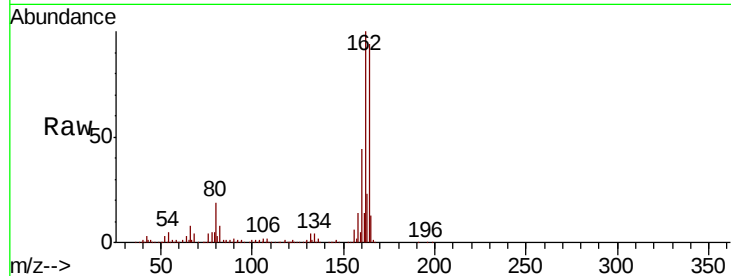
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.60 min Scan# 1959
Delta R.T. -0.00 min
Lab File: BG043915.D
Acq: 4 Jan 2020 10:17

Instrument :
BNA_G
ClientSampleId :
OR-02-123119MS

Tot Ion	Ratio	Lower	Upper
164	100		
162	106.4	83.0	124.4
160	46.8	36.1	54.1

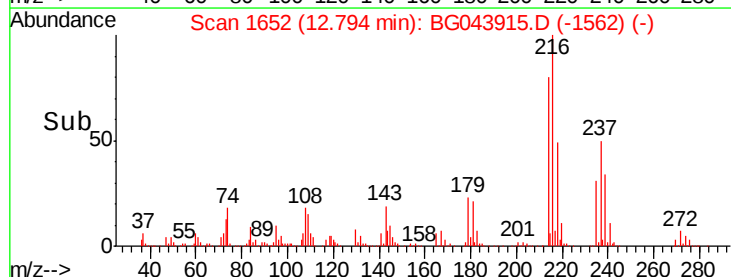
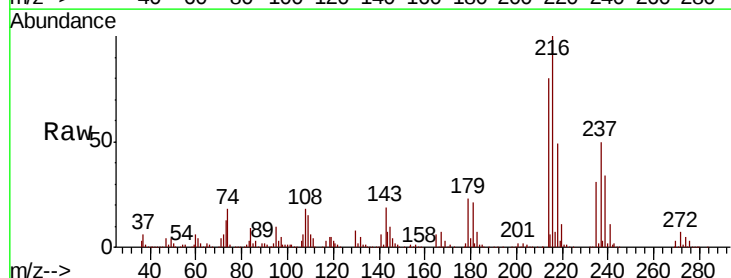
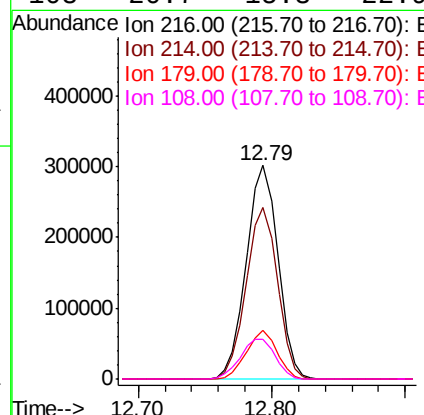
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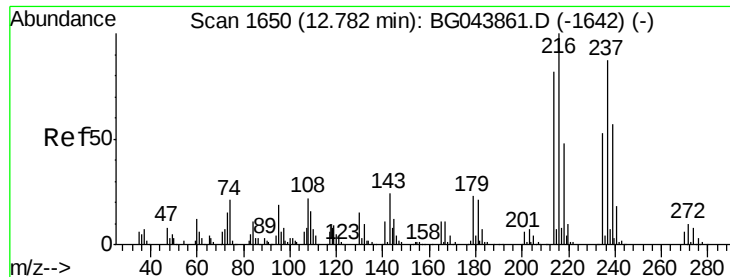
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.157 ng
RT: 12.79 min Scan# 1652
Delta R.T. -0.00 min
Lab File: BG043915.D
Acq: 4 Jan 2020 10:17

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.6	63.8	95.8
179	21.8	17.3	25.9
108	20.7	15.3	22.9





#41

Hexachlorocyclopentadiene

Concen: 99.738 ng

RT: 12.78 min Scan# 1650

Delta R.T. -0.00 min

Lab File: BG043915.D

Acq: 4 Jan 2020 10:17

Instrument :

BNA_G

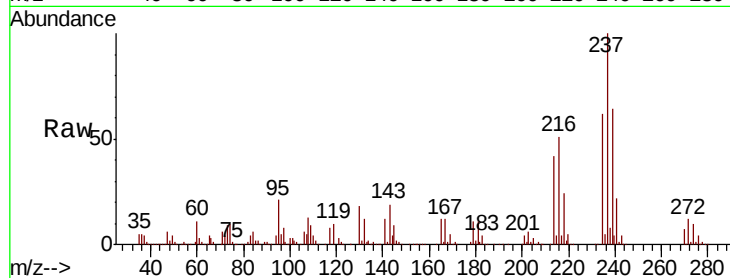
ClientSampleId :

OR-02-123119MS

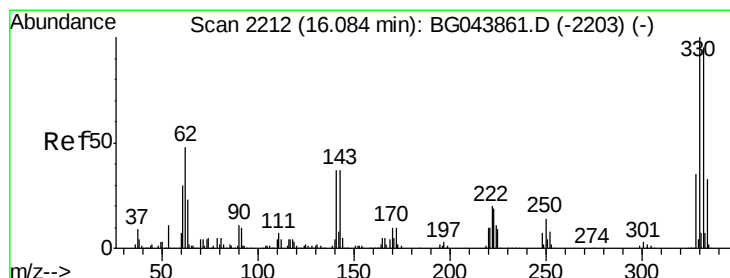
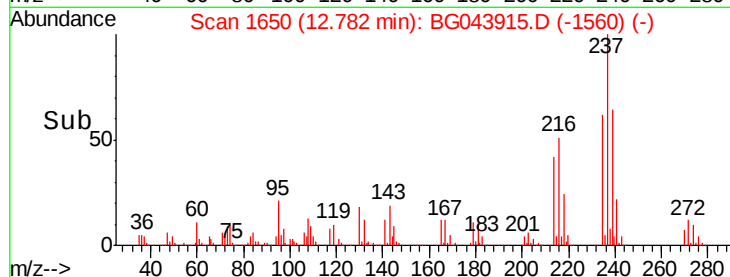
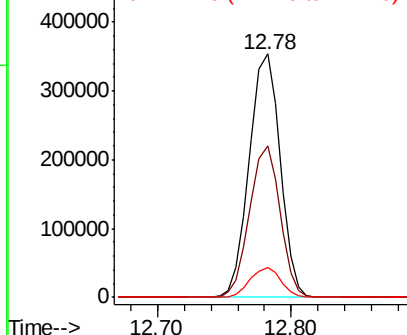
Tot Ion:	237	Resp:	565185
Ion Ratio	Lower	Upper	
237	100		
235	62.4	41.1	81.1
272	12.4	0.0	31.7

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



#42

2,4,6-Tribromophenol

Concen: 147.698 ng

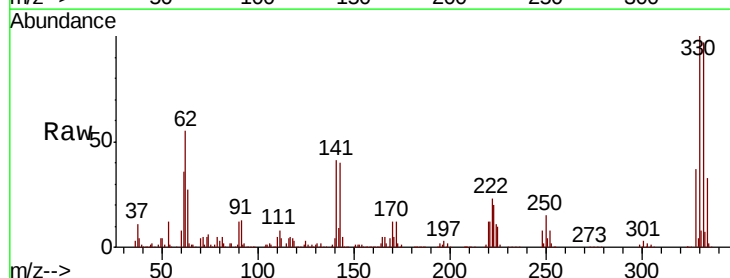
RT: 16.08 min Scan# 2212

Delta R.T. -0.00 min

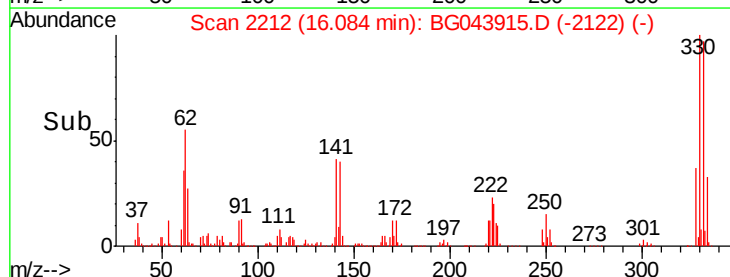
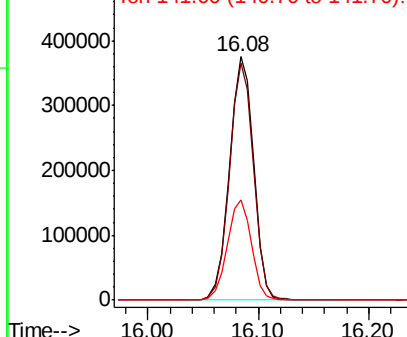
Lab File: BG043915.D

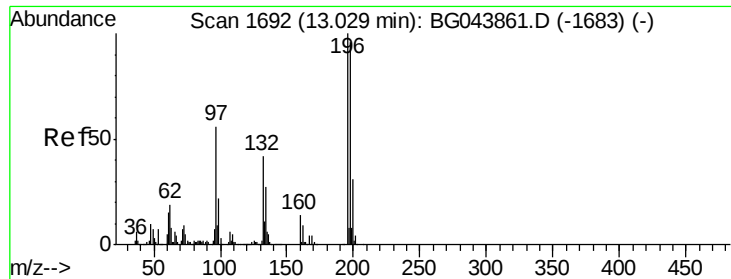
Acq: 4 Jan 2020 10:17

Tgt Ion:	330	Resp:	576398
Ion Ratio	Lower	Upper	
330	100		
332	96.5	77.2	115.8
141	41.1	33.1	49.7



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





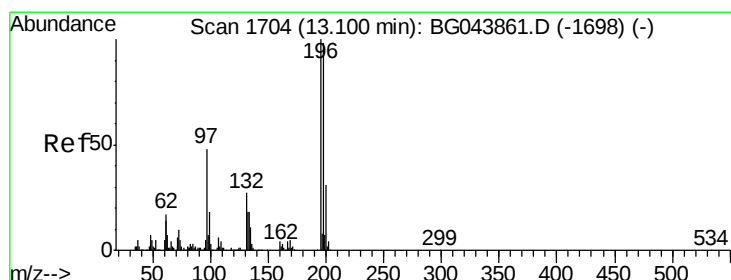
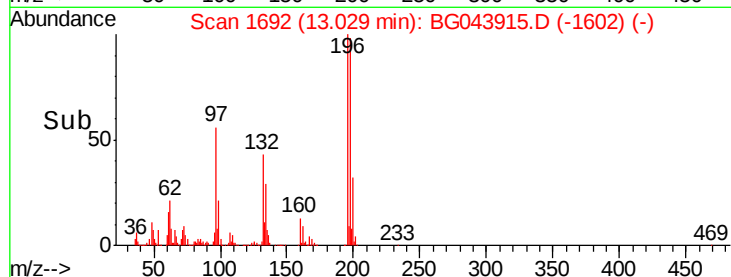
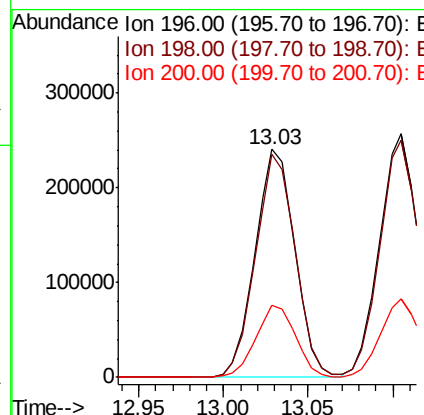
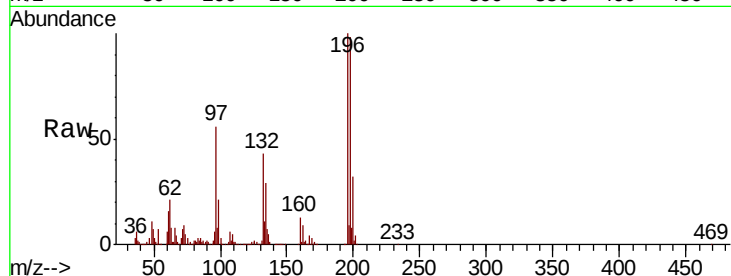
#43
 2,4,6-Trichlorophenol
 Concen: 52.446 ng
 RT: 13.03 min Scan# 1692
 Delta R.T. -0.00 min
 Lab File: BG043915.D
 Acq: 4 Jan 2020 10:17

Instrument :
 BNA_G
 ClientSampleId :
 OR-02-123119MS

Tot Ion	Ratio	Lower	Upper
196	100		
198	98.0	76.6	115.0
200	31.8	24.6	37.0

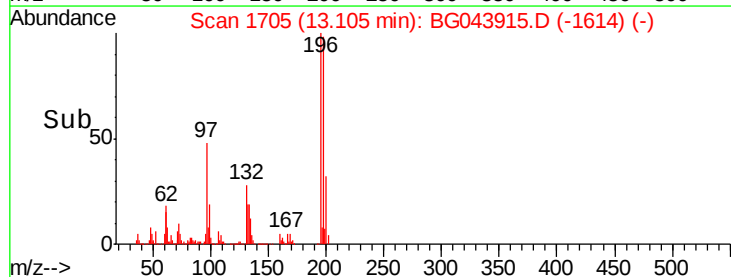
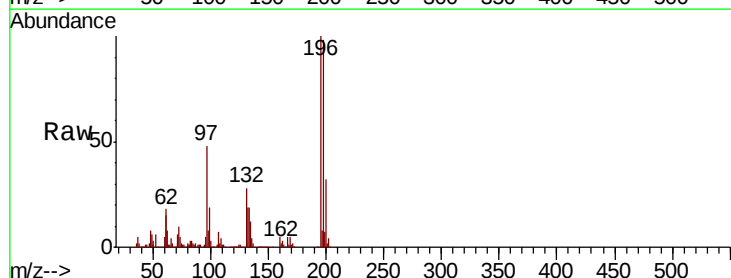
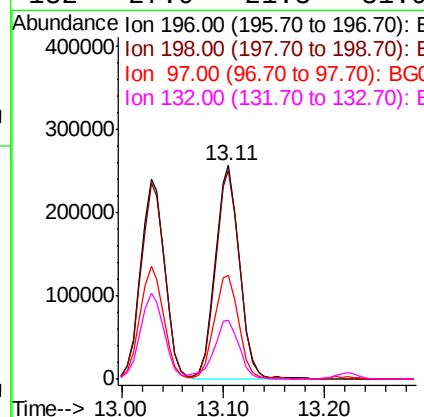
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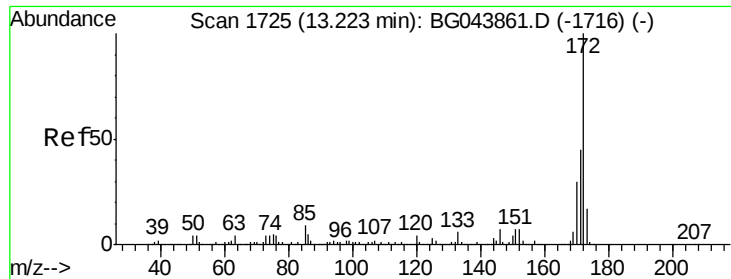
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 54.376 ng
 RT: 13.11 min Scan# 1705
 Delta R.T. 0.01 min
 Lab File: BG043915.D
 Acq: 4 Jan 2020 10:17

Tgt Ion	Ratio	Lower	Upper
196	100		
198	97.5	78.3	117.5
97	48.4	38.8	58.2
132	27.9	21.3	31.9





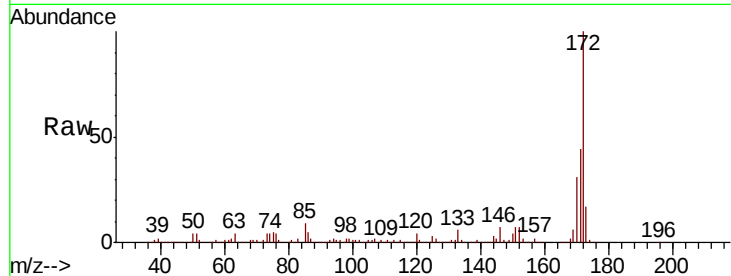
#45
2-Fluorobiphenyl
Concen: 92.512 ng
RT: 13.22 min Scan# 1725
Delta R.T. -0.00 min
Lab File: BG043915.D
Acq: 4 Jan 2020 10:17

Instrument :
BNA_G
ClientSampleId :
OR-02-123119MS

Tot Ion	Ratio	Lower	Upper
172	100		
171	44.4	35.8	53.8
170	30.9	24.2	36.4

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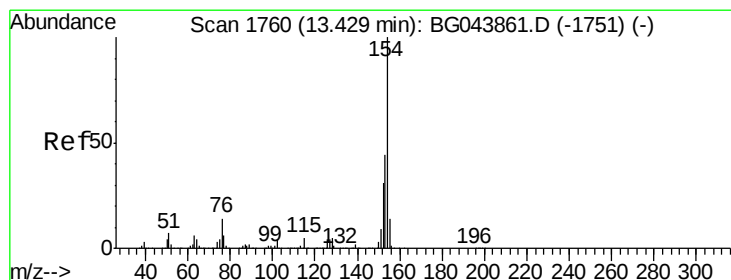
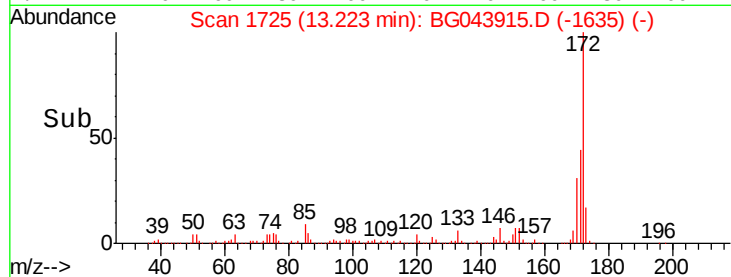
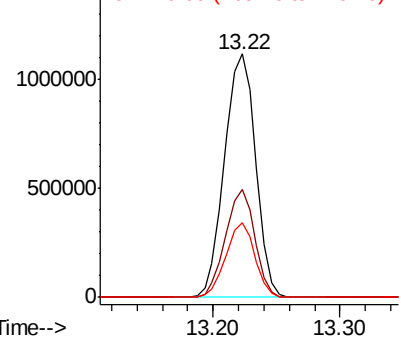


Abundance

Ion 172.00 (171.70 to 172.70): E

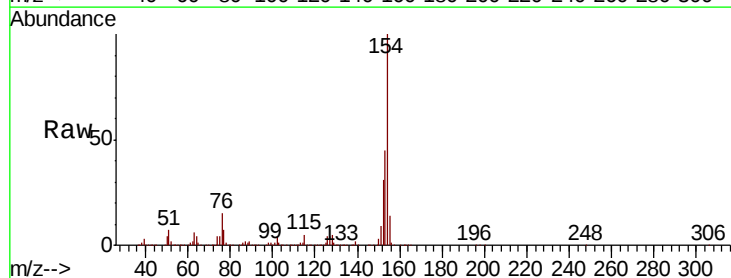
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 49.092 ng
RT: 13.43 min Scan# 1761
Delta R.T. 0.01 min
Lab File: BG043915.D
Acq: 4 Jan 2020 10:17

Tgt Ion	Ratio	Lower	Upper
154	100		
153	44.7	23.6	63.6
76	14.6	0.0	34.4

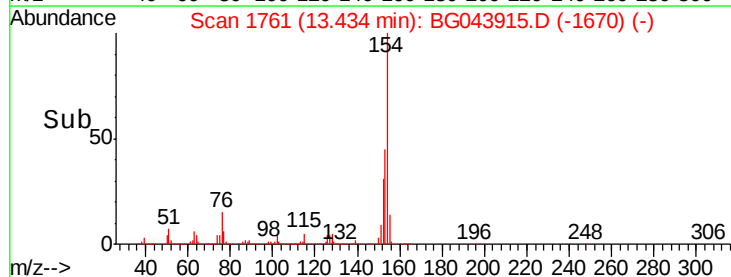
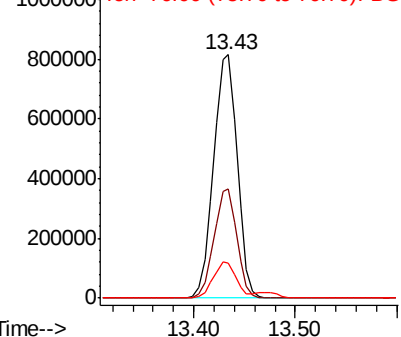


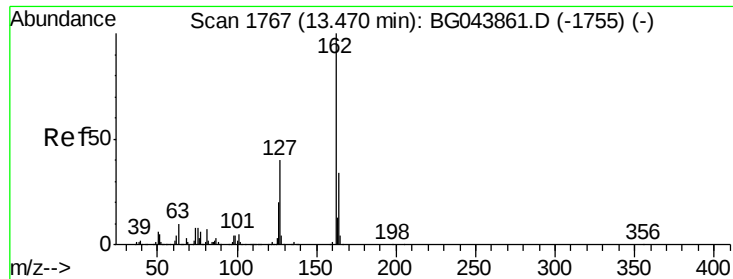
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BGC





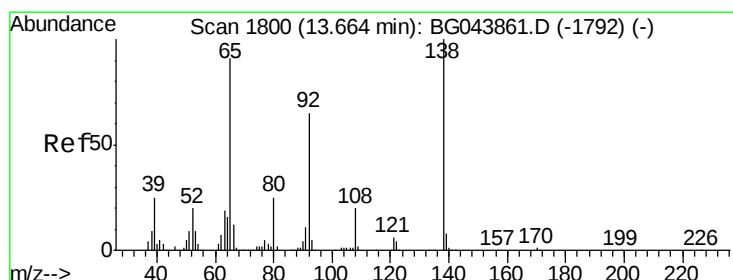
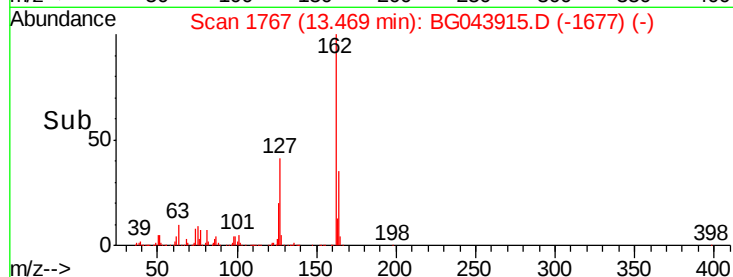
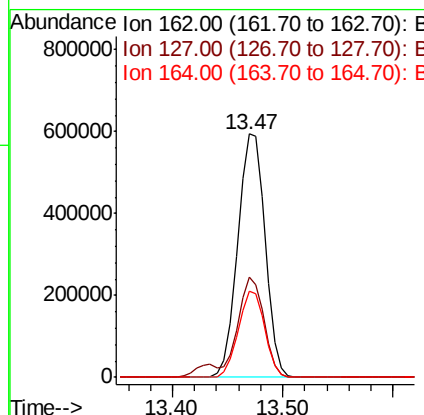
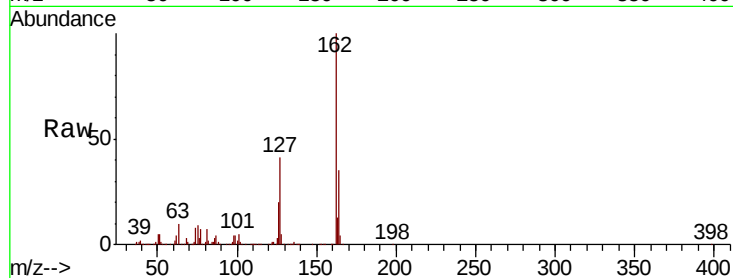
#47
2-Chloronaphthalene
Concen: 47.902 ng
RT: 13.47 min Scan# 1767
Delta R.T. -0.00 min
Lab File: BG043915.D
Acq: 4 Jan 2020 10:17

Instrument :
BNA_G
ClientSampleId :
OR-02-123119MS

Tot Ion	Ratio	Lower	Upper
162	100		
127	41.0	32.1	48.1
164	35.4	27.5	41.3

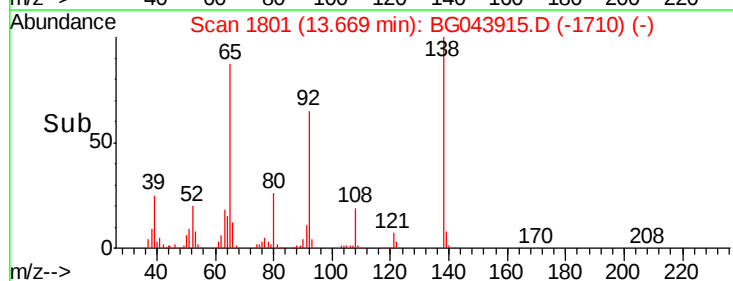
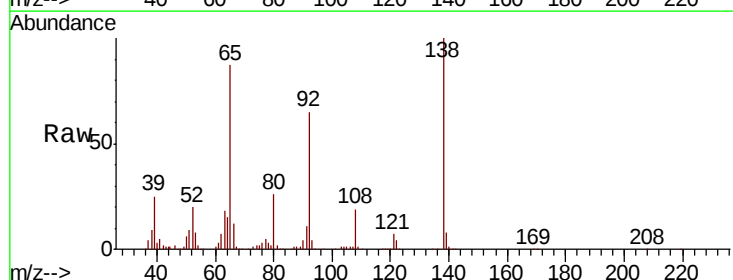
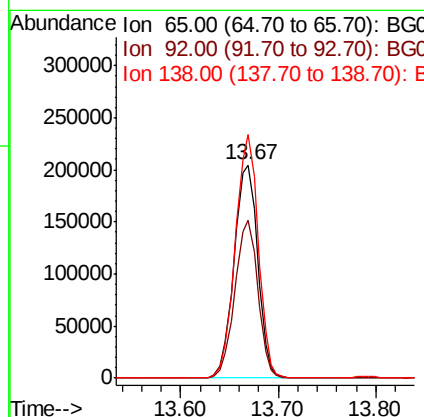
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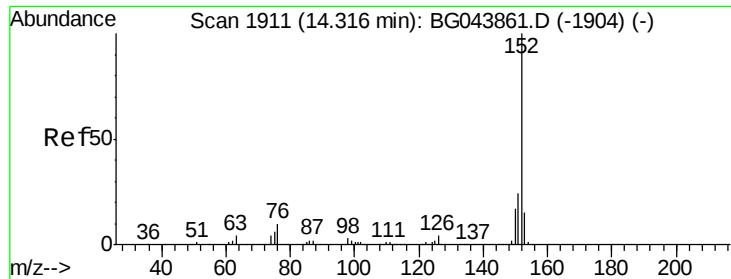
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#48
2-Nitroaniline
Concen: 49.549 ng
RT: 13.67 min Scan# 1801
Delta R.T. 0.01 min
Lab File: BG043915.D
Acq: 4 Jan 2020 10:17

Tgt Ion	Ratio	Lower	Upper
65	100		
92	74.3	57.4	86.2
138	114.4	88.2	132.4





#49

Acenaphthylene

Concen: 51.849 ng

RT: 14.32 min Scan# 1911

Delta R.T. -0.00 min

Lab File: BG043915.D

Acq: 4 Jan 2020 10:17

Instrument :

BNA_G

ClientSampleId :

OR-02-123119MS

Tot Ion:152 Resp: 1610126

Ion Ratio Lower Upper

152 100

151 24.8 19.4 29.2

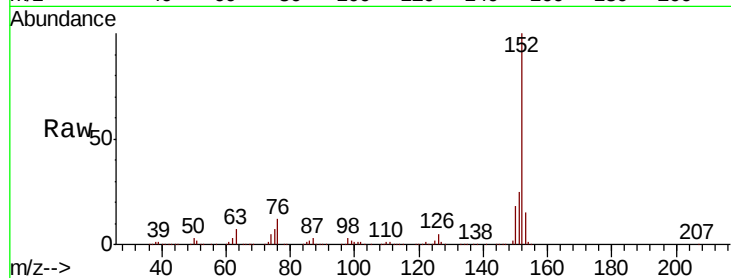
153 15.3 12.0 18.0

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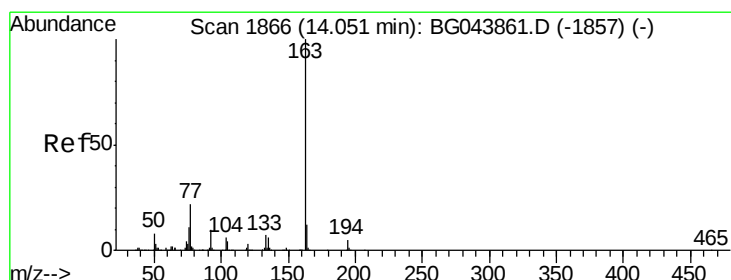
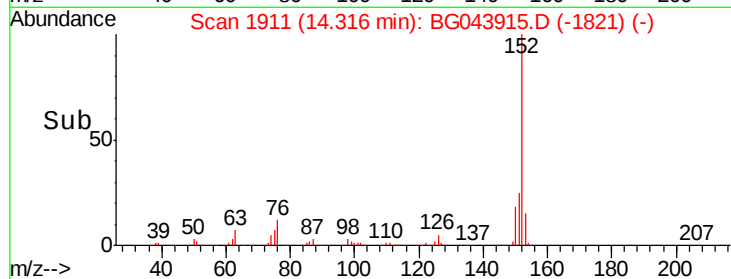
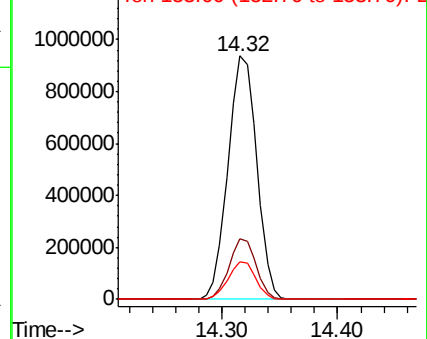


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 50.953 ng

RT: 14.05 min Scan# 1866

Delta R.T. -0.00 min

Lab File: BG043915.D

Acq: 4 Jan 2020 10:17

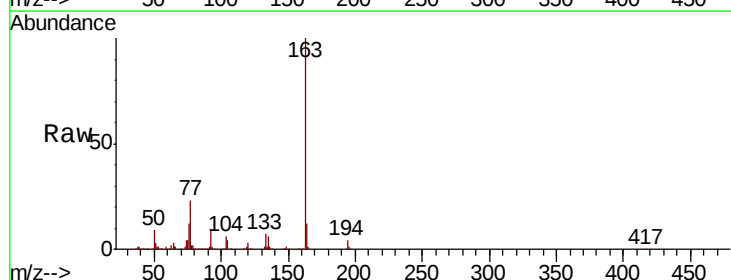
Tgt Ion:163 Resp: 1349183

Ion Ratio Lower Upper

163 100

194 4.4 3.7 5.5

164 12.1 9.3 13.9

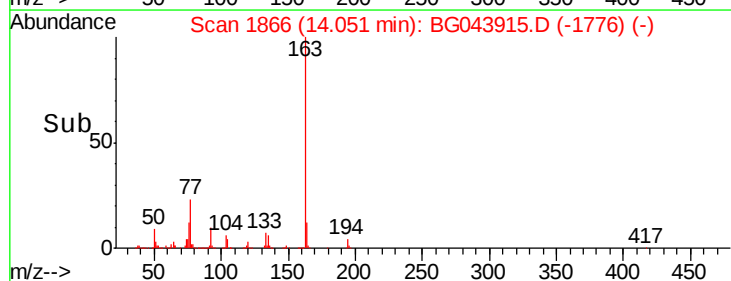
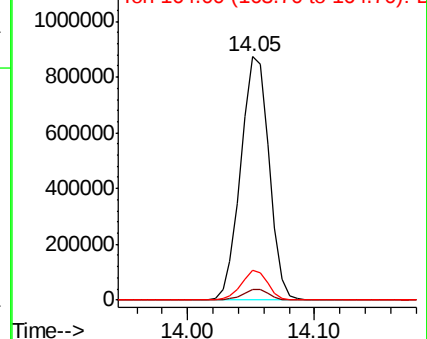


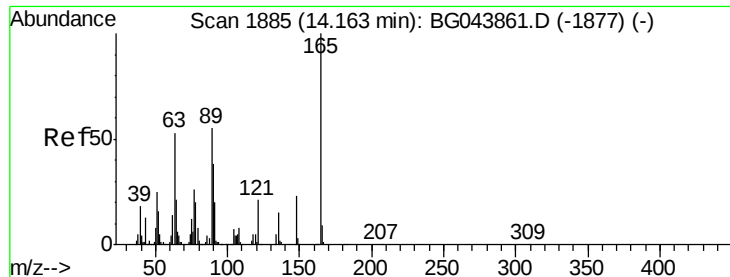
Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





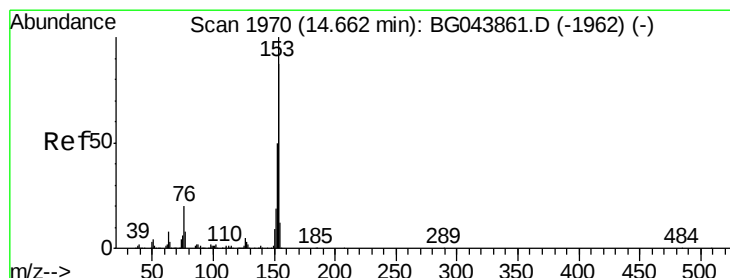
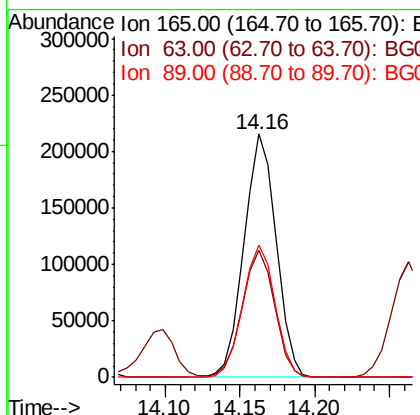
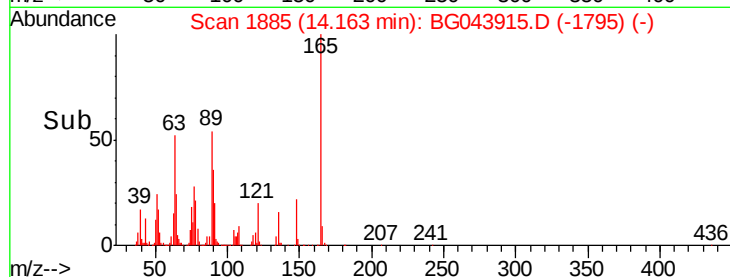
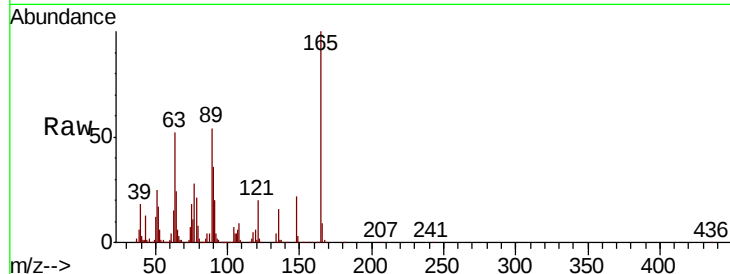
#51
2,6-Dinitrotoluene
Concen: 53.574 ng
RT: 14.16 min Scan# 1885
Delta R.T. -0.00 min
Lab File: BG043915.D
Acq: 4 Jan 2020 10:17

Instrument :
BNA_G
ClientSampleId :
OR-02-123119MS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	320634		
63	52.1		43.1	64.7
89	54.4		43.8	65.6

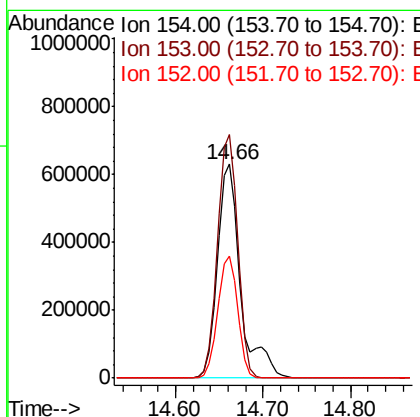
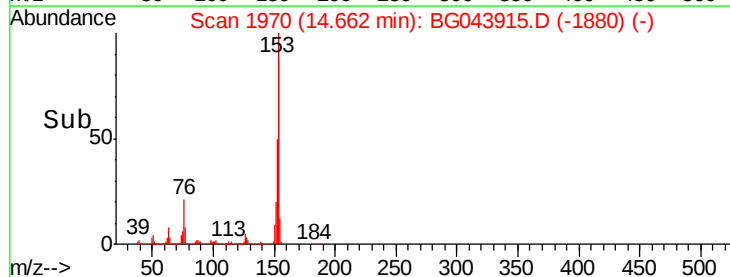
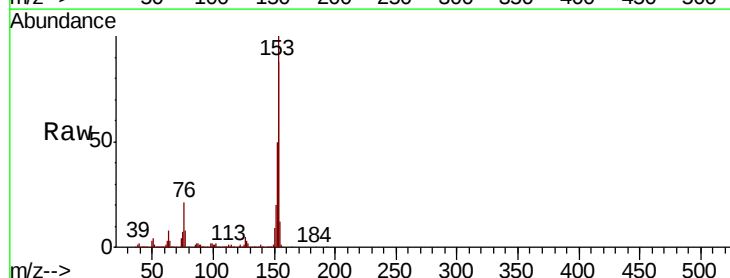
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#52
Acenaphthene
Concen: 53.247 ng
RT: 14.66 min Scan# 1970
Delta R.T. -0.00 min
Lab File: BG043915.D
Acq: 4 Jan 2020 10:17

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	1159600		
153	113.7		91.6	137.4
152	56.7		45.4	68.0





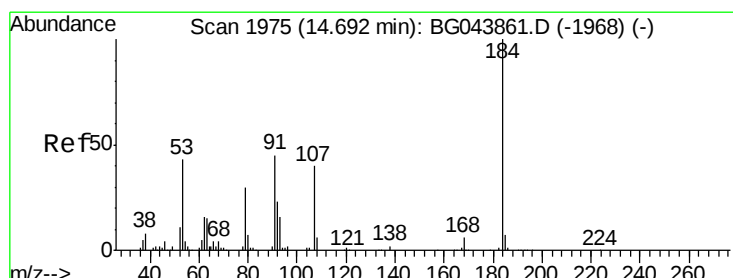
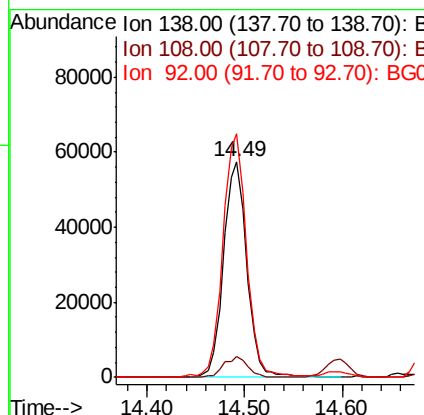
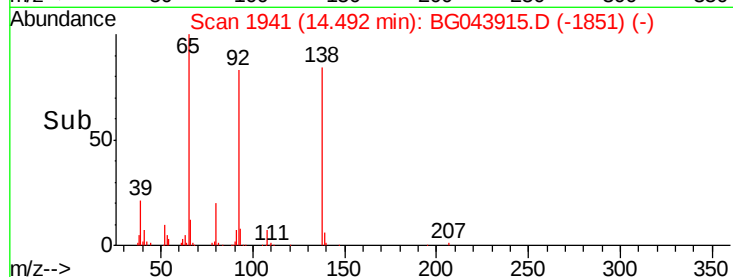
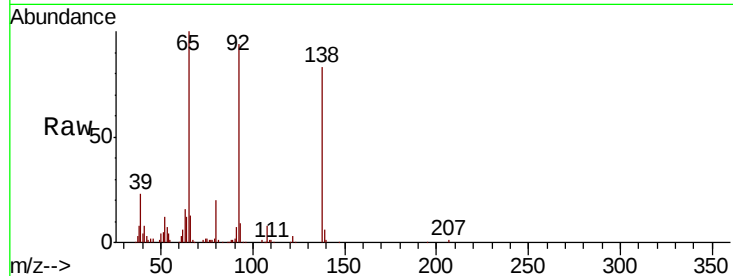
#53
3-Nitroaniline
Concen: 14.010 ng
RT: 14.49 min Scan# 1941
Delta R.T. -0.00 min
Lab File: BG043915.D
Acq: 4 Jan 2020 10:17

Instrument :
BNA_G
ClientSampleId :
OR-02-123119MS

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.7	7.4	11.2
92	112.7	92.1	138.1

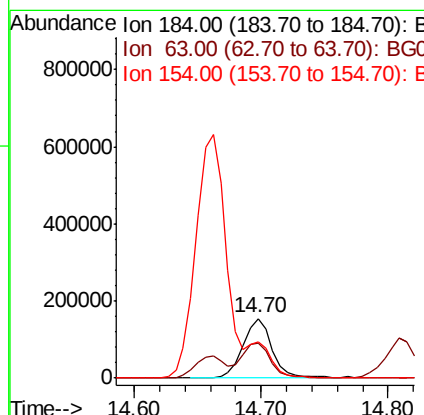
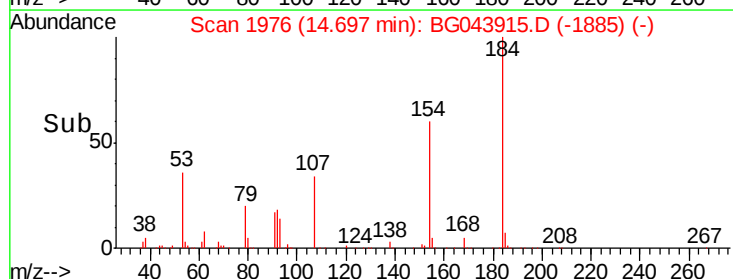
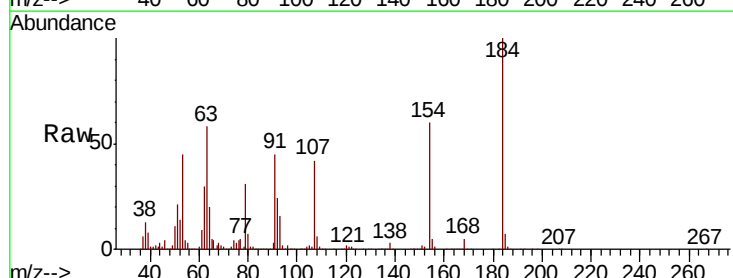
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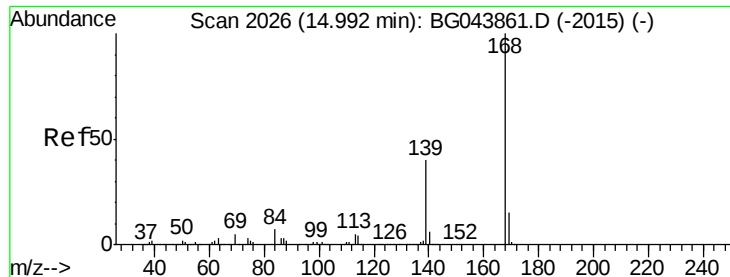
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#54
2,4-Dinitrophenol
Concen: 80.170 ng
RT: 14.70 min Scan# 1976
Delta R.T. 0.01 min
Lab File: BG043915.D
Acq: 4 Jan 2020 10:17

Tgt Ion	Ratio	Lower	Upper
184	100		
63	58.3	46.6	70.0
154	60.5	50.2	75.4





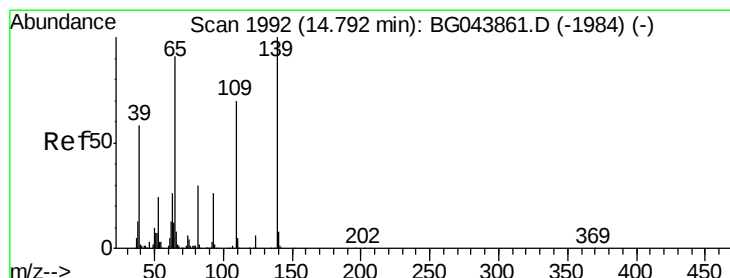
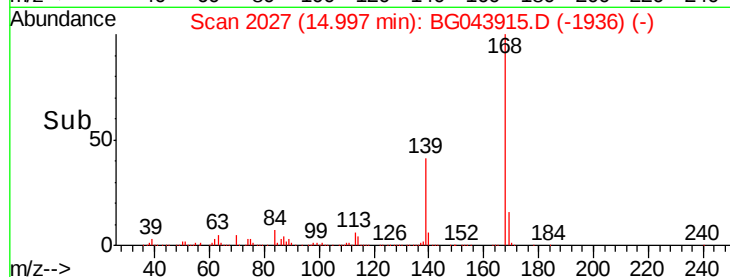
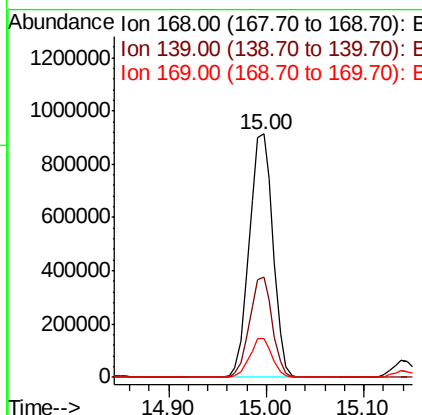
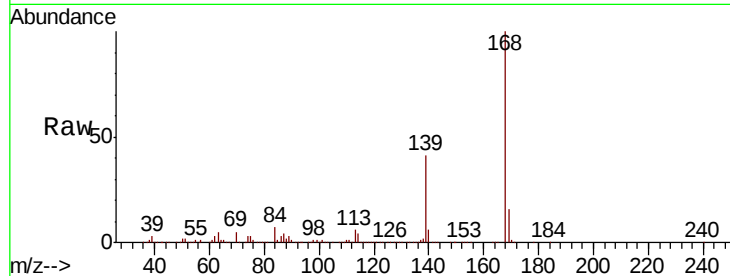
#55
Dibenzofuran
Concen: 51.936 ng
RT: 15.00 min Scan# 2027
Delta R.T. 0.01 min
Lab File: BG043915.D
Acq: 4 Jan 2020 10:17

Instrument :
BNA_G
ClientSampleId :
OR-02-123119MS

Tot Ion:168 Resp: 1557023
Ion Ratio Lower Upper
168 100
139 41.4 32.2 48.2
169 16.0 12.2 18.2

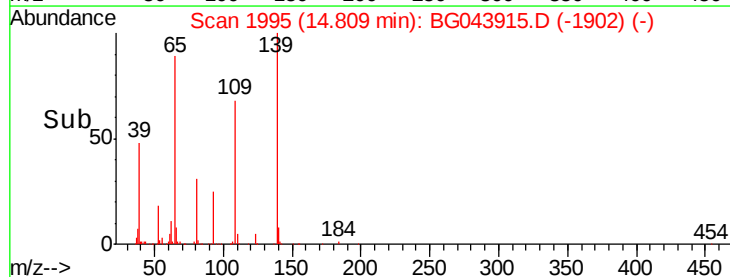
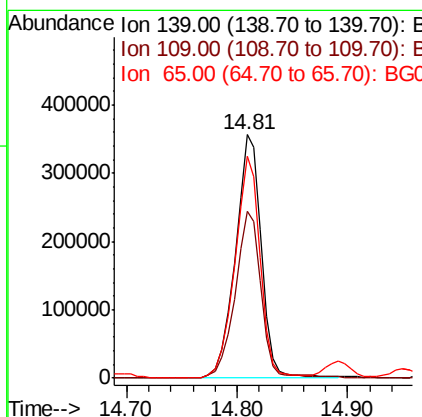
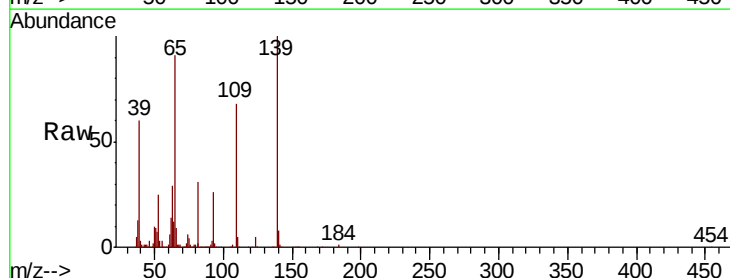
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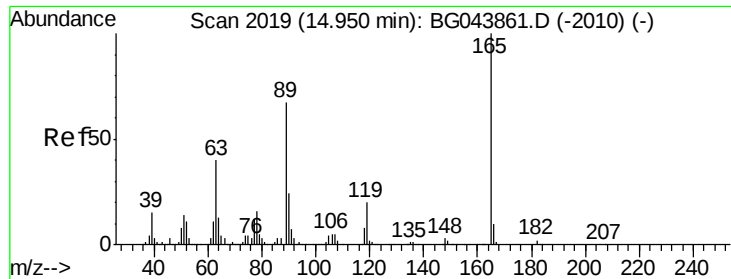
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#56
4-Nitrophenol
Concen: 112.574 ng
RT: 14.81 min Scan# 1995
Delta R.T. 0.02 min
Lab File: BG043915.D
Acq: 4 Jan 2020 10:17

Tgt Ion:139 Resp: 586291
Ion Ratio Lower Upper
139 100
109 68.4 50.4 90.4
65 91.0 71.4 111.4





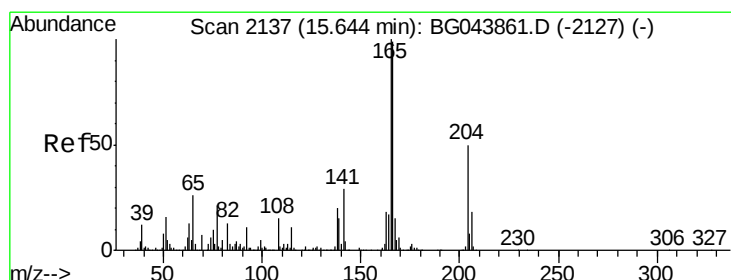
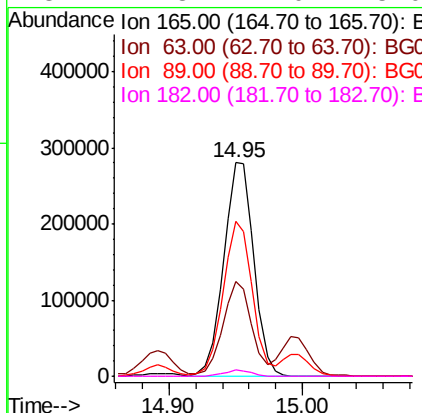
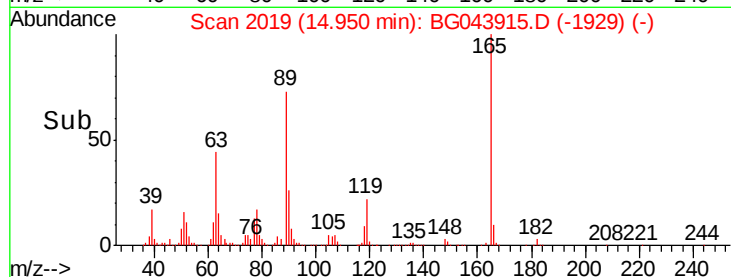
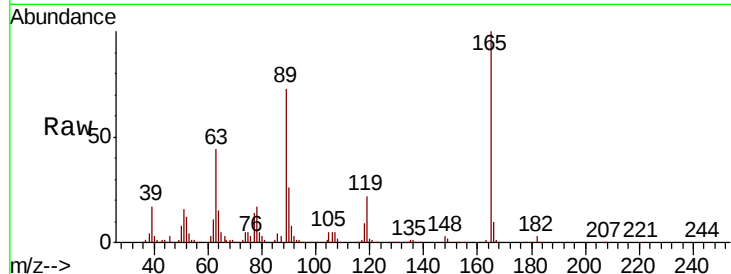
#57
2,4-Dinitrotoluene
Concen: 54.428 ng
RT: 14.95 min Scan# 2019
Delta R.T. -0.00 min
Lab File: BG043915.D
Acq: 4 Jan 2020 10:17

Instrument :
BNA_G
ClientSampleId :
OR-02-123119MS

Tot Ion	Ratio	Lower	Upper
165	100		
63	44.4	31.9	47.9
89	72.6	53.8	80.6
182	2.8	2.0	3.0

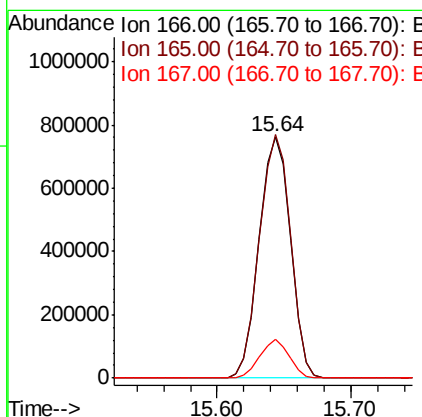
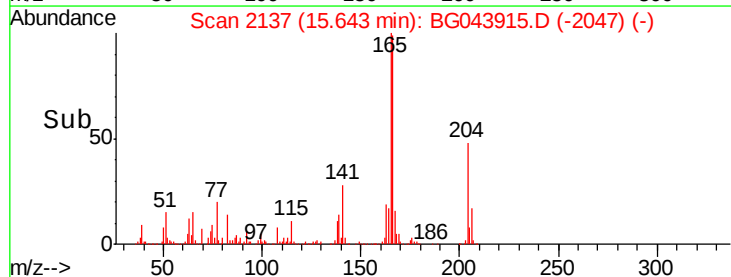
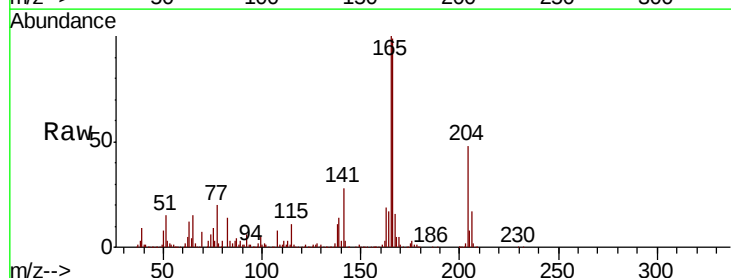
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#58
Fluorene
Concen: 52.074 ng
RT: 15.64 min Scan# 2137
Delta R.T. -0.00 min
Lab File: BG043915.D
Acq: 4 Jan 2020 10:17

Tgt Ion	Ratio	Lower	Upper
166	100		
165	100.9	80.8	121.2
167	15.9	12.1	18.1





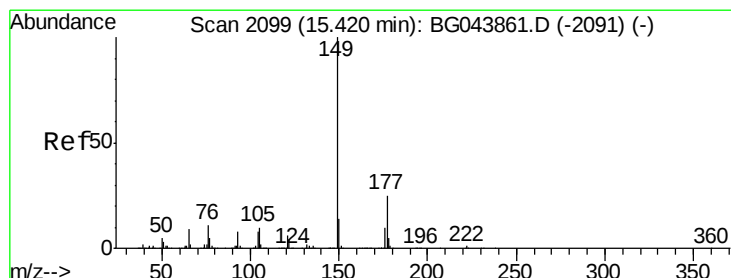
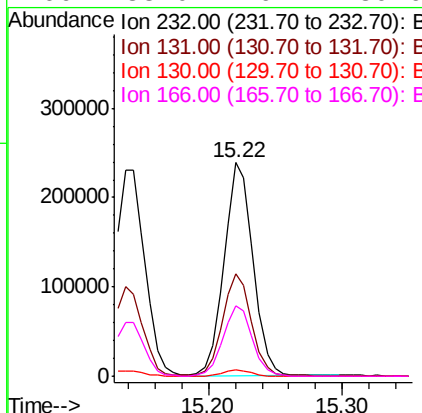
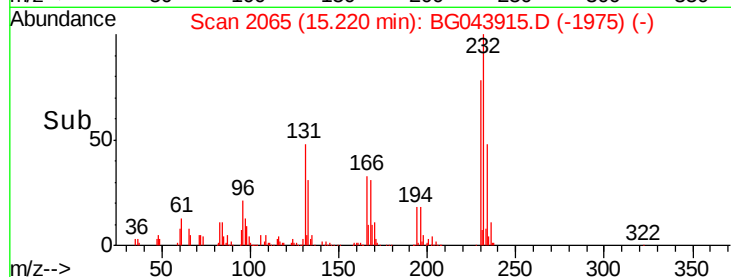
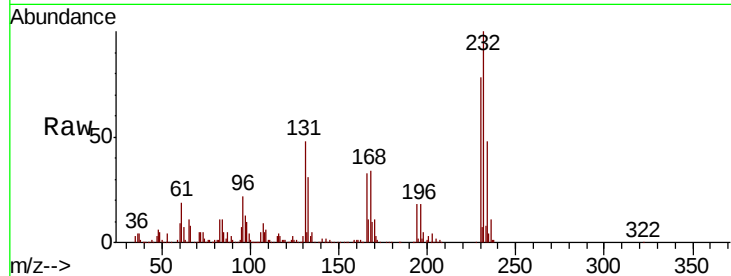
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 54.258 ng
 RT: 15.22 min Scan# 2065
 Delta R.T. -0.00 min
 Lab File: BG043915.D
 Acq: 4 Jan 2020 10:17

Instrument :
 BNA_G
 ClientSampleId :
 OR-02-123119MS

Tot Ion	Ratio	Lower	Upper
232	100		
131	48.0	38.2	57.2
130	2.9	2.2	3.2
166	33.0	26.4	39.6

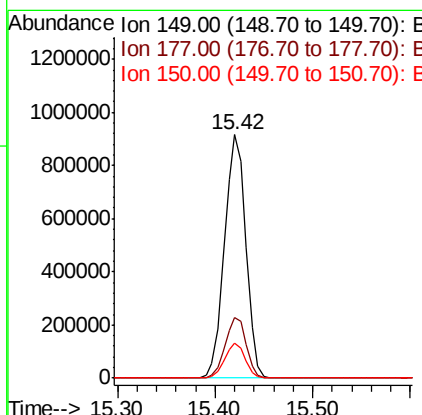
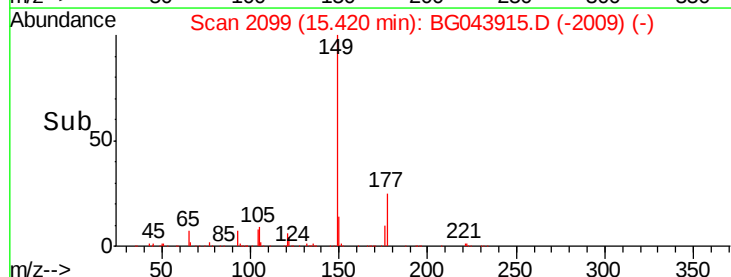
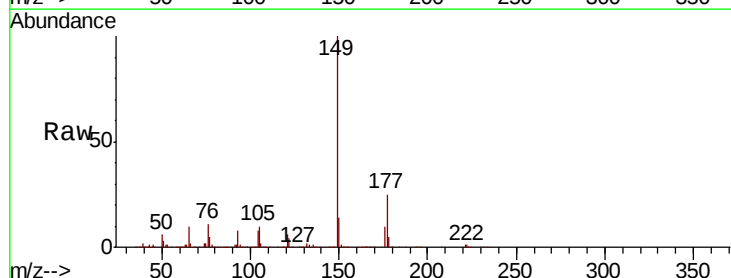
Manual Integrations
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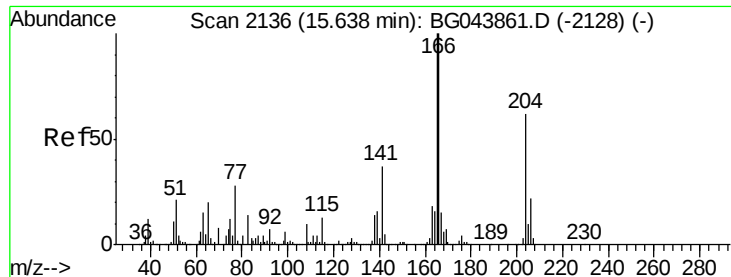
mohammad
 1/6/2020 11:42:07 AM



#60
 Diethylphthalate
 Concen: 52.120 ng
 RT: 15.42 min Scan# 2099
 Delta R.T. -0.00 min
 Lab File: BG043915.D
 Acq: 4 Jan 2020 10:17

Tgt Ion	Ratio	Lower	Upper
149	100		
177	25.1	20.0	30.0
150	14.1	11.1	16.7





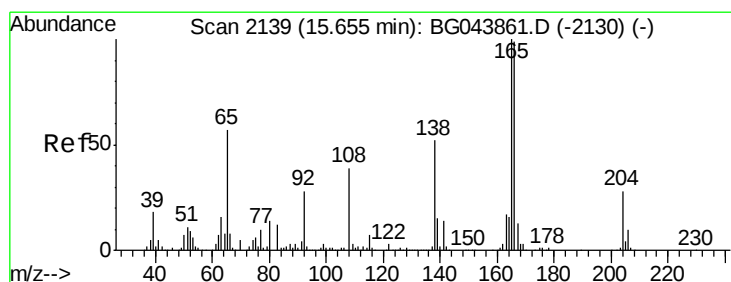
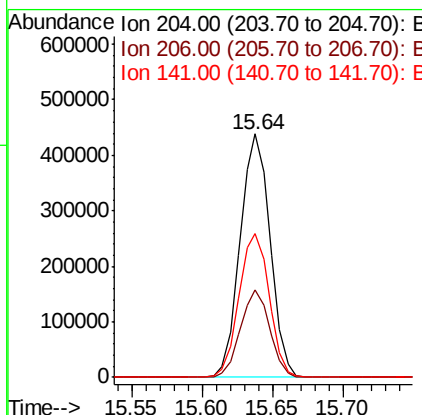
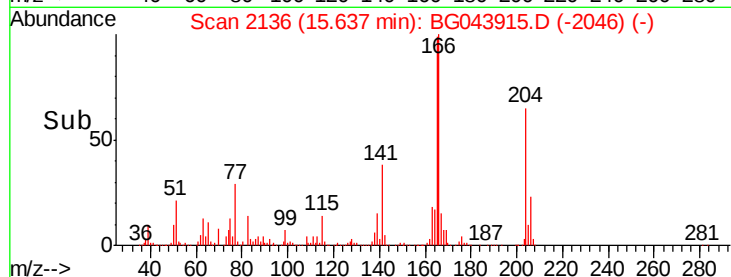
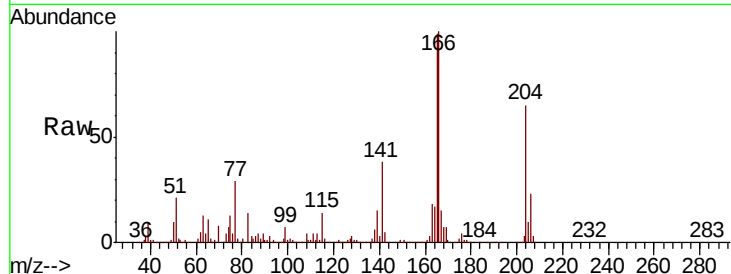
#61
4-Chlorophenyl-phenylether
Concen: 50.328 ng
RT: 15.64 min Scan# 2136
Delta R.T. -0.00 min
Lab File: BG043915.D
Acq: 4 Jan 2020 10:17

Instrument :
BNA_G
ClientSampleId :
OR-02-123119MS

Tot Ion	Ratio	Lower	Upper
204	100		
206	35.8	28.2	42.2
141	59.0	48.2	72.2

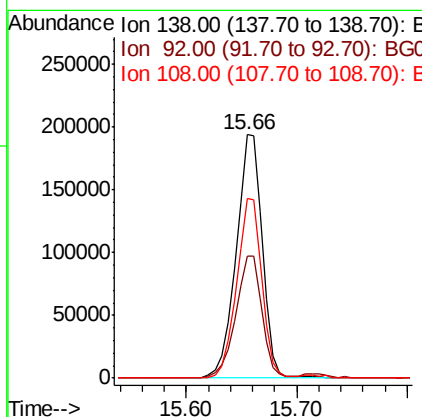
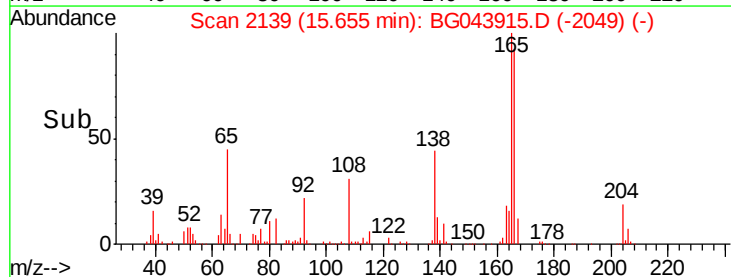
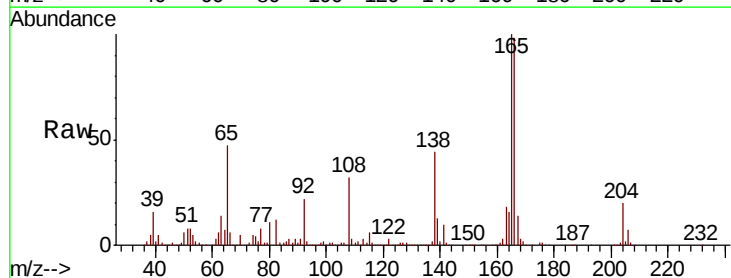
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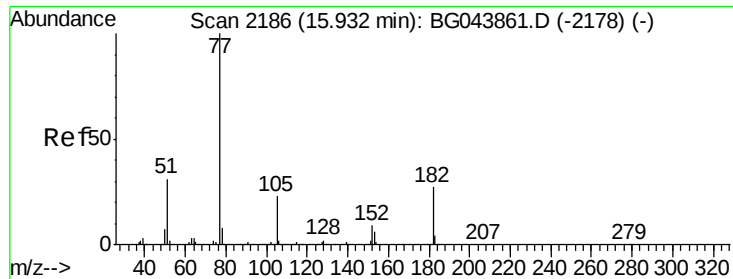
mohammad
1/6/2020 11:42:07 AM



#62
4-Nitroaniline
Concen: 47.974 ng
RT: 15.66 min Scan# 2139
Delta R.T. -0.00 min
Lab File: BG043915.D
Acq: 4 Jan 2020 10:17

Tgt Ion	Ratio	Lower	Upper
138	100		
92	49.9	34.3	74.3
108	73.8	55.0	95.0





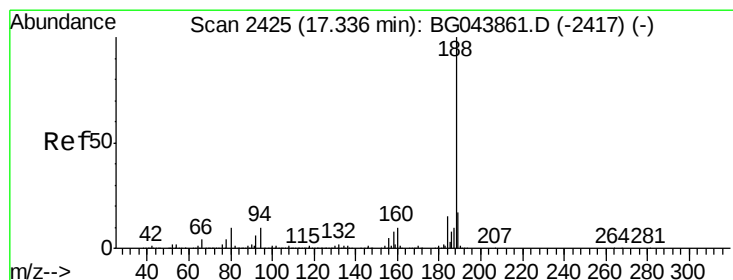
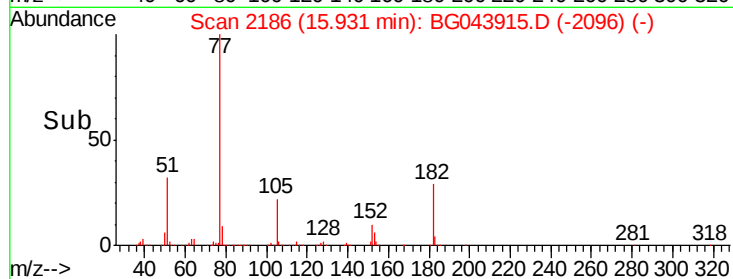
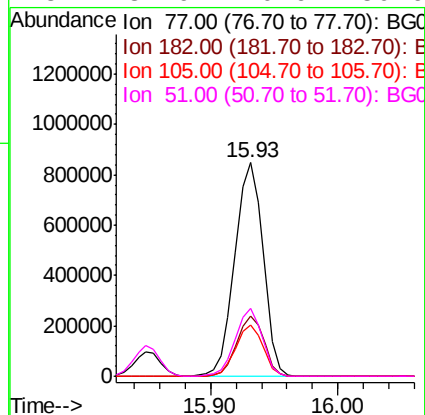
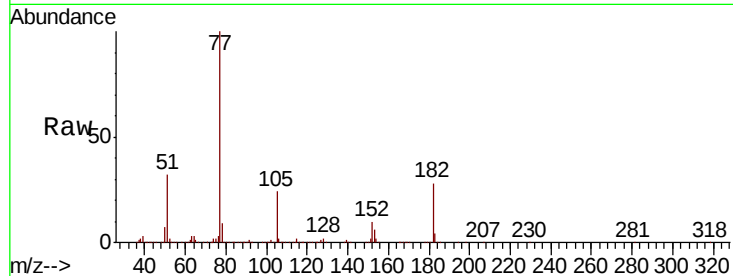
#63
Azobenzene
Concen: 53.154 ng
RT: 15.93 min Scan# 2186
Delta R.T. -0.00 min
Lab File: BG043915.D
Acq: 4 Jan 2020 10:17

Instrument :
BNA_G
ClientSampleId :
OR-02-123119MS

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	28.3	7.3	47.3	
105	24.0	3.2	43.2	
51	31.9	10.6	50.6	

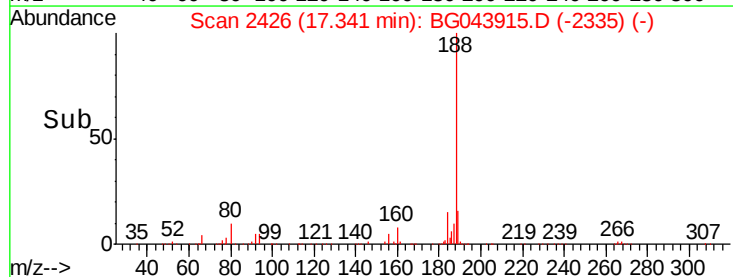
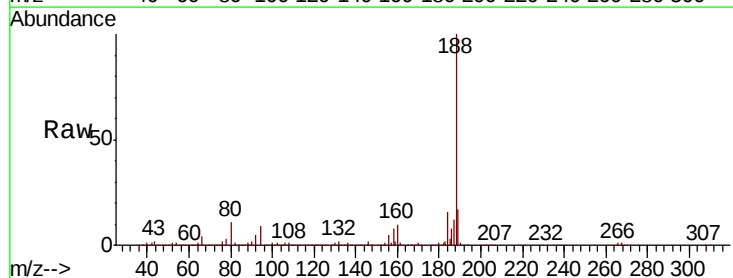
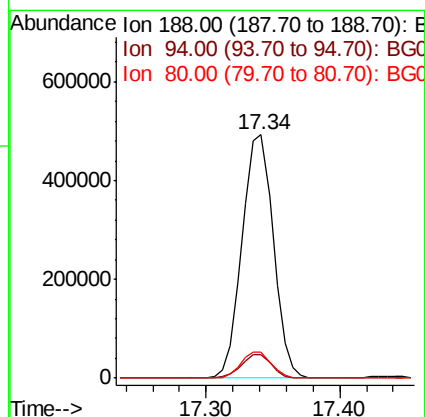
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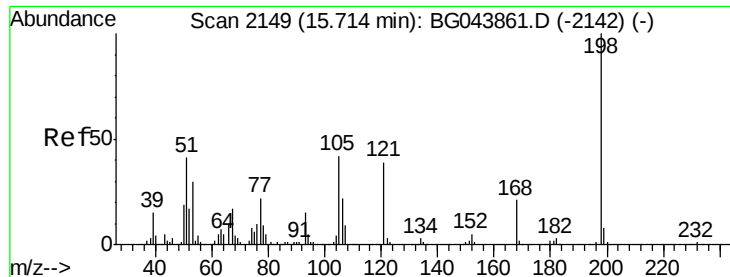
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.34 min Scan# 2426
Delta R.T. 0.01 min
Lab File: BG043915.D
Acq: 4 Jan 2020 10:17

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	9.4	7.9	11.9	
80	10.7	8.2	12.4	





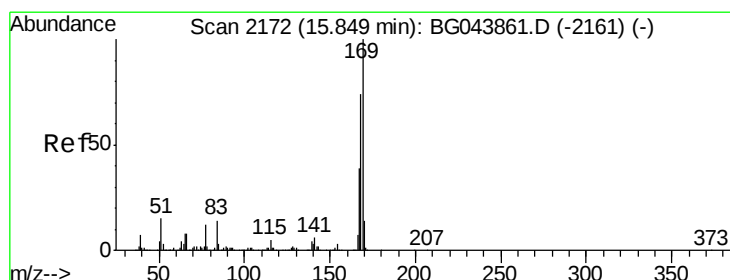
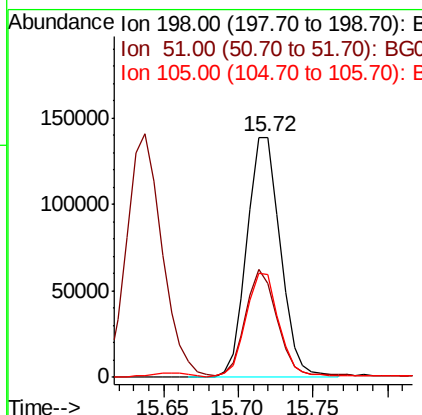
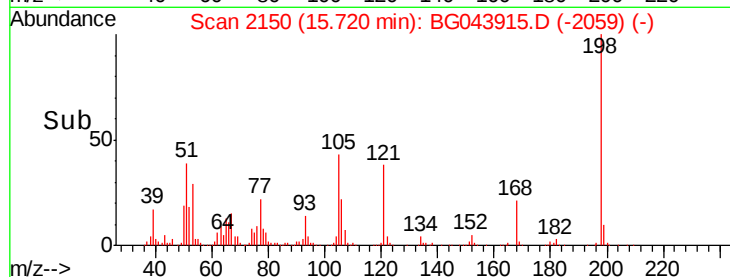
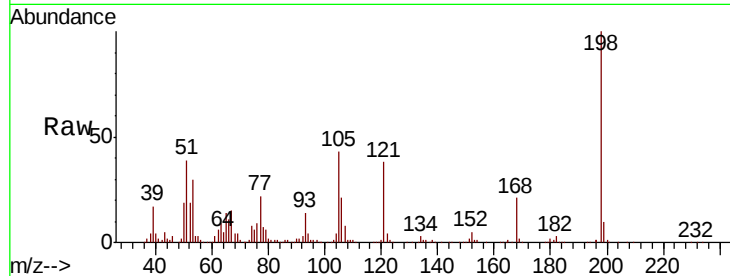
#65
4,6-Dinitro-2-methylphenol
Concen: 52.191 ng
RT: 15.72 min Scan# 2150
Delta R.T. 0.01 min
Lab File: BG043915.D
Acq: 4 Jan 2020 10:17

Instrument :
BNA_G
ClientSampleId :
OR-02-123119MS

Tot Ion	Ratio	Lower	Upper
198	100		
51	39.2	22.5	62.5
105	42.9	22.3	62.3

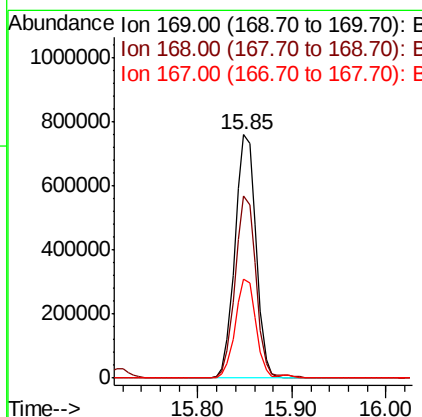
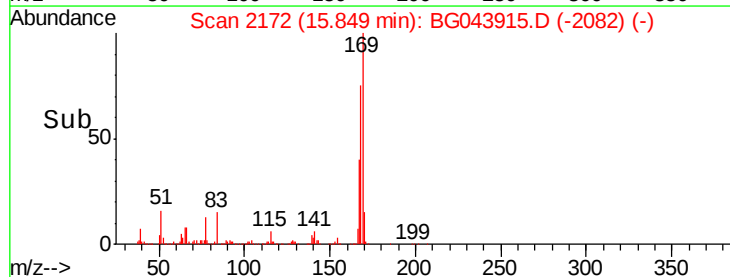
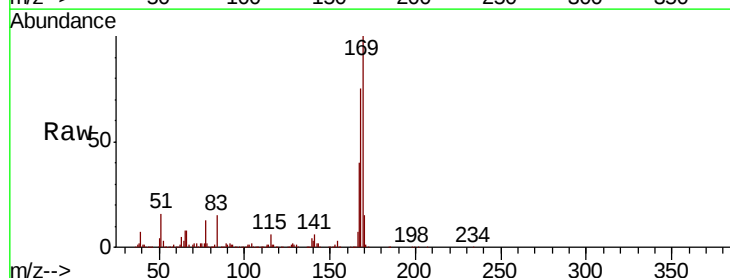
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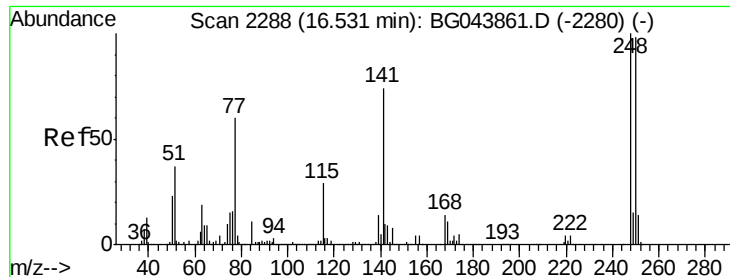
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#66
n-Nitrosodiphenylamine
Concen: 50.210 ng
RT: 15.85 min Scan# 2172
Delta R.T. -0.00 min
Lab File: BG043915.D
Acq: 4 Jan 2020 10:17

Tgt Ion	Ratio	Lower	Upper
169	100		
168	74.8	59.0	88.6
167	40.5	31.4	47.0





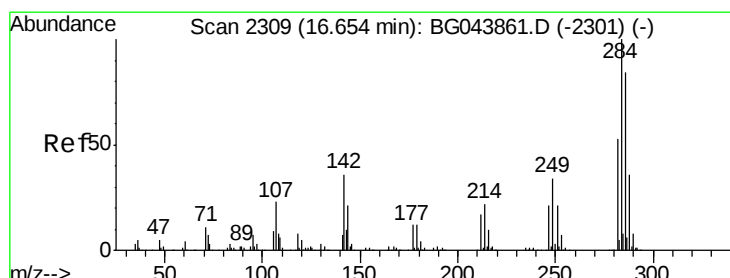
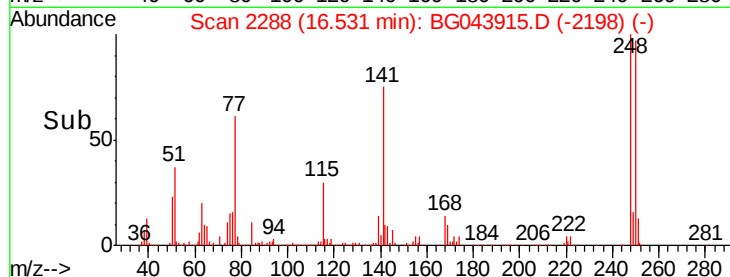
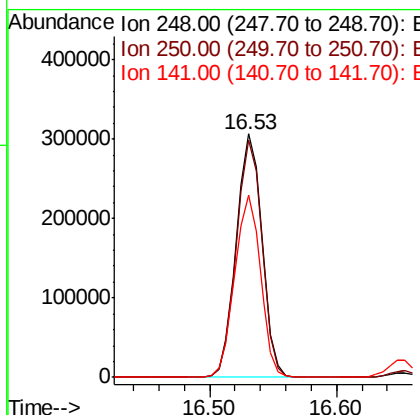
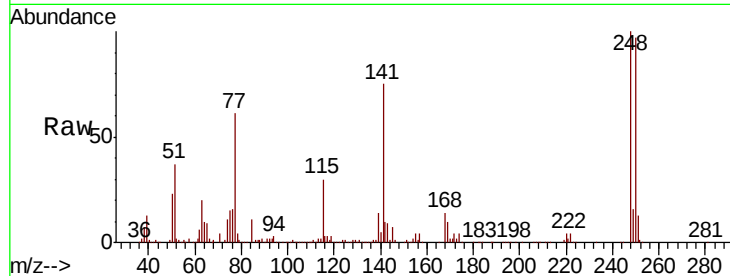
#67
4-Bromophenyl-phenylether
Concen: 48.110 ng
RT: 16.53 min Scan# 2288
Delta R.T. -0.00 min
Lab File: BG043915.D
Acq: 4 Jan 2020 10:17

Instrument :
BNA_G
ClientSampleId :
OR-02-123119MS

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.3	78.2	117.2
141	74.6	59.3	88.9

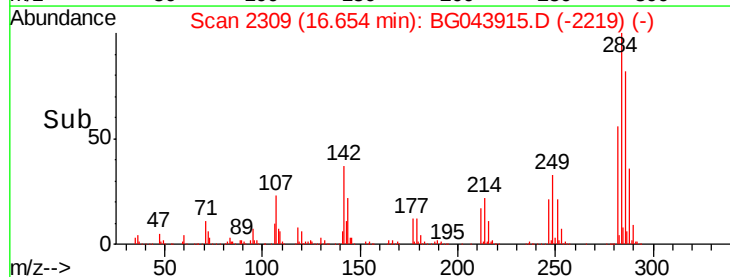
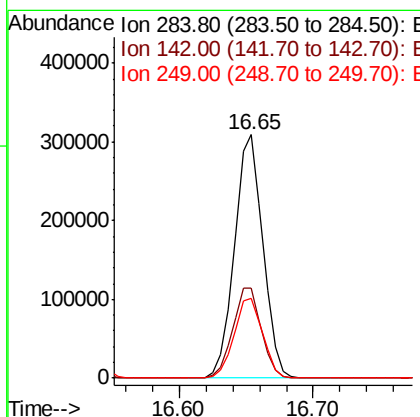
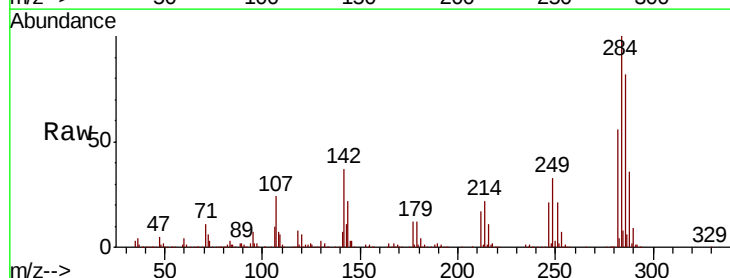
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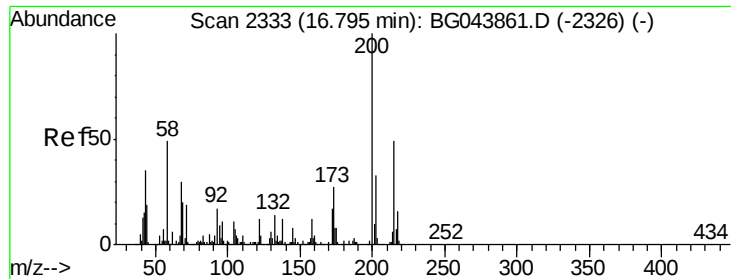
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#68
Hexachlorobenzene
Concen: 47.159 ng
RT: 16.65 min Scan# 2309
Delta R.T. -0.00 min
Lab File: BG043915.D
Acq: 4 Jan 2020 10:17

Tgt Ion	Ratio	Lower	Upper
284	100		
142	36.9	28.6	43.0
249	32.9	27.0	40.6





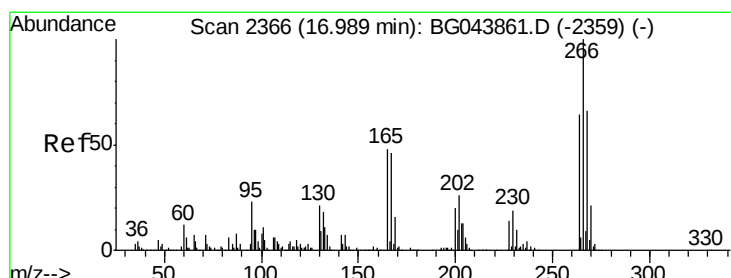
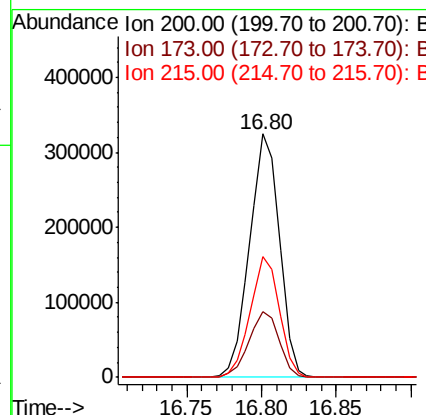
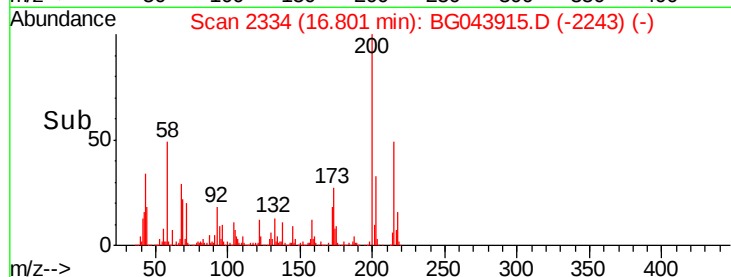
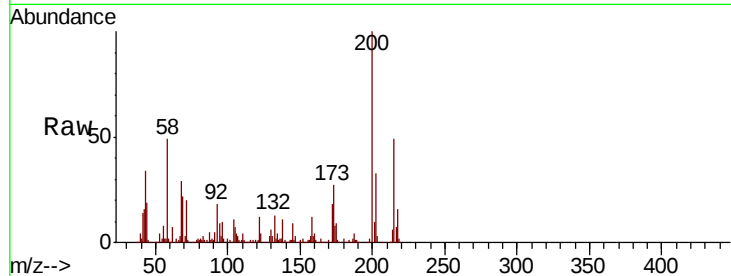
#69
Atrazine
Concen: 58.718 ng
RT: 16.80 min Scan# 2334
Delta R.T. 0.01 min
Lab File: BG043915.D
Acq: 4 Jan 2020 10:17

Instrument :
BNA_G
ClientSampleId :
OR-02-123119MS

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.2	6.6	46.6
215	49.4	28.6	68.6

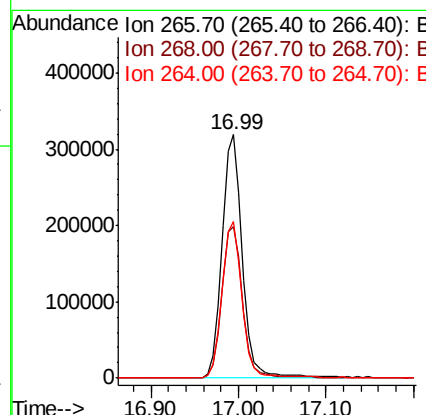
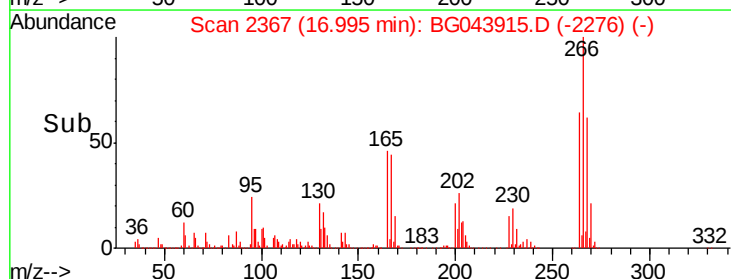
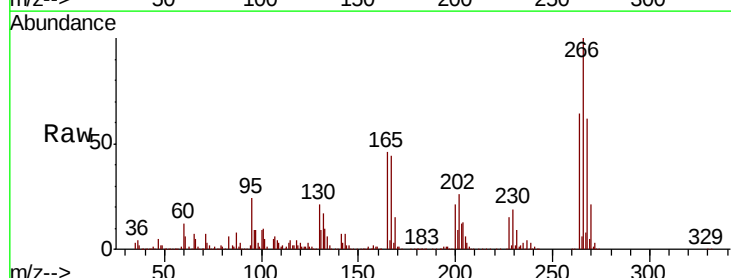
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#70
Pentachlorophenol
Concen: 96.874 ng
RT: 16.99 min Scan# 2367
Delta R.T. 0.01 min
Lab File: BG043915.D
Acq: 4 Jan 2020 10:17

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.1	52.6	79.0
264	64.1	50.8	76.2





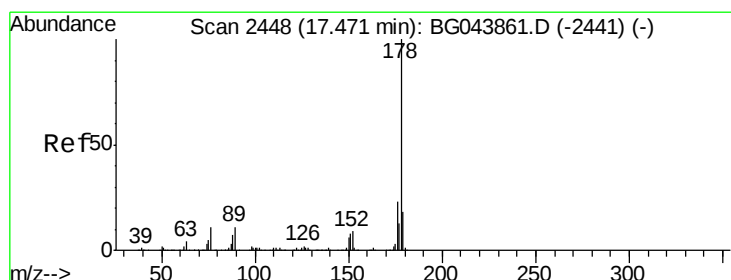
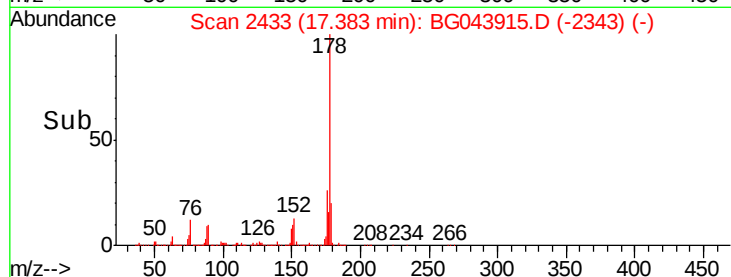
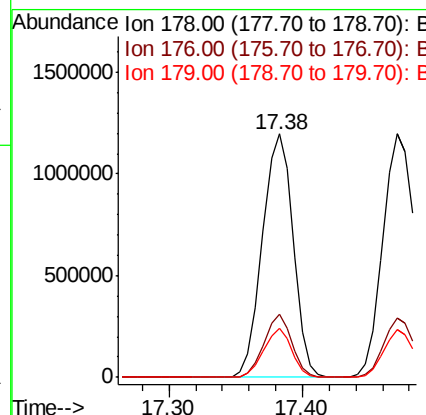
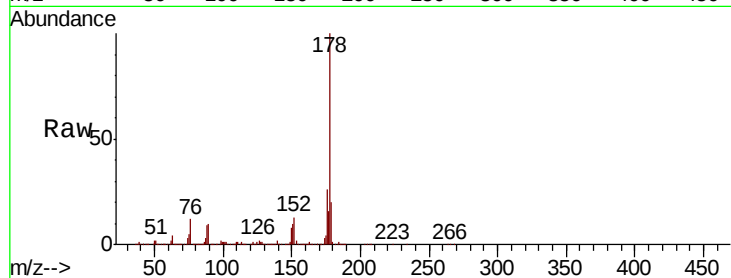
#71
Phenanthrene
Concen: 49.921 ng
RT: 17.38 min Scan# 2433
Delta R.T. -0.00 min
Lab File: BG043915.D
Acq: 4 Jan 2020 10:17

Instrument :
BNA_G
ClientSampleId :
OR-02-123119MS

Tot Ion	Ratio	Lower	Upper
178	100		
176	25.7	18.6	28.0
179	20.1	14.4	21.6

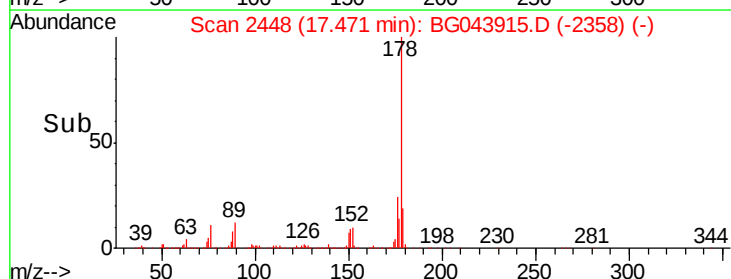
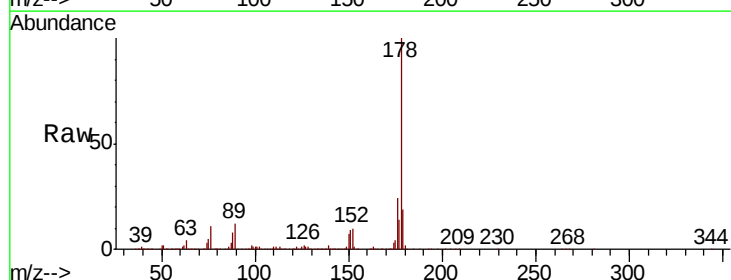
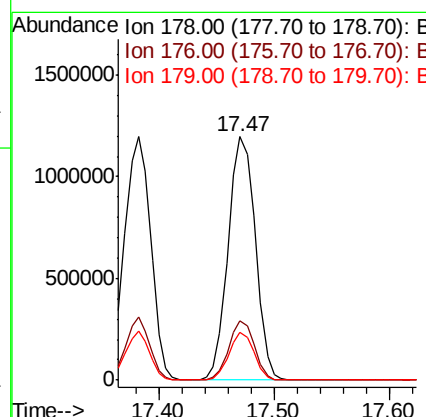
Manual Integrations
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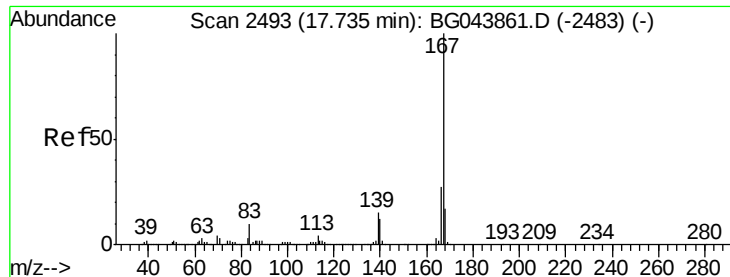
mohammad
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#72
Anthracene
Concen: 51.870 ng
RT: 17.47 min Scan# 2448
Delta R.T. -0.00 min
Lab File: BG043915.D
Acq: 4 Jan 2020 10:17

Tgt Ion	Ratio	Lower	Upper
178	100		
176	24.3	18.3	27.5
179	19.5	14.6	22.0





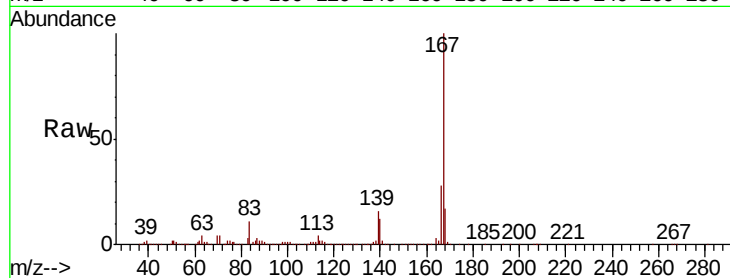
#73
 Carbazole
 Concen: 52.493 ng
 RT: 17.74 min Scan# 2493
 Delta R.T. -0.00 min
 Lab File: BG043915.D
 Acq: 4 Jan 2020 10:17

Instrument :
 BNA_G
 ClientSampleId :
 OR-02-123119MS

Tot Ion	Ratio	Lower	Upper
167	100		
166	27.8	21.6	32.4
139	15.8	12.1	18.1

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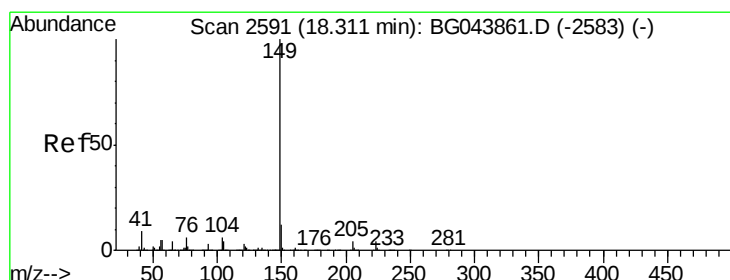
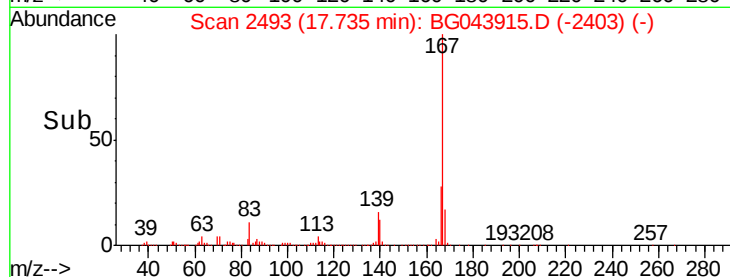
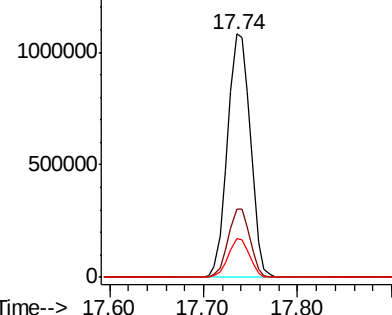


Abundance

Ion 167.00 (166.70 to 167.70): E

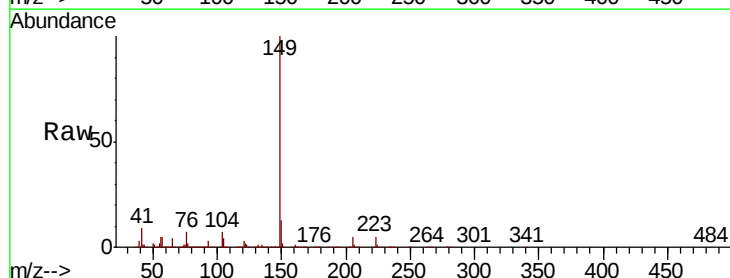
Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74
 Di-n-butylphthalate
 Concen: 48.623 ng
 RT: 18.31 min Scan# 2591
 Delta R.T. -0.00 min
 Lab File: BG043915.D
 Acq: 4 Jan 2020 10:17

Tgt Ion	Ratio	Lower	Upper
149	100		
150	13.1	9.7	14.5
104	7.1	5.0	7.4

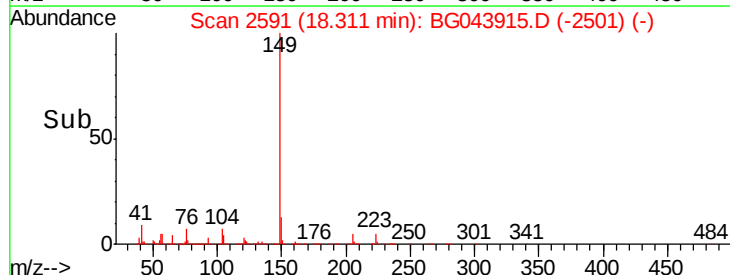
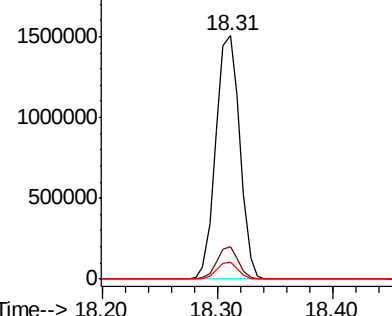


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 50.071 ng

RT: 19.39 min Scan# 2774

Delta R.T. -0.00 min

Lab File: BG043915.D

Acq: 4 Jan 2020 10:17

Instrument :

BNA_G

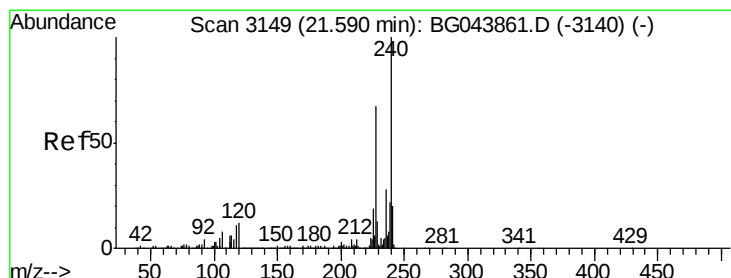
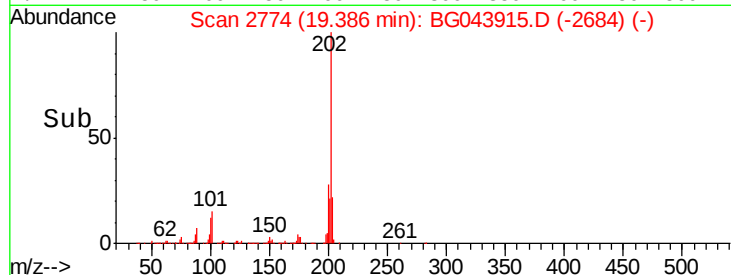
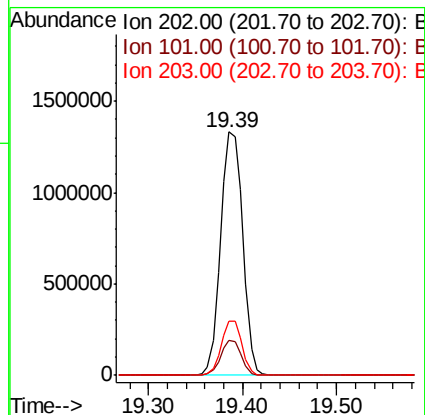
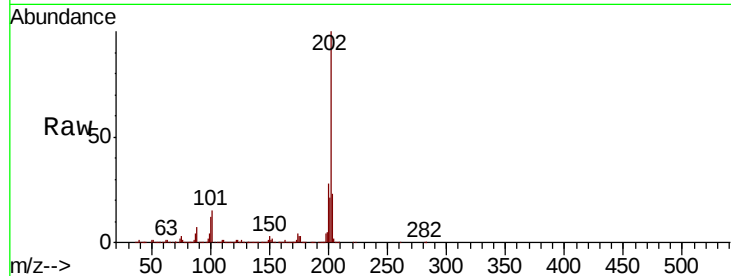
ClientSampleId :

OR-02-123119MS

Tot Ion:	202	Resp:	2186973
Ion	Ratio	Lower	Upper
202	100		
101	14.6	0.0	33.3
203	22.5	1.6	41.6

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#76

Chrysene-d12

Concen: 20.000 ng

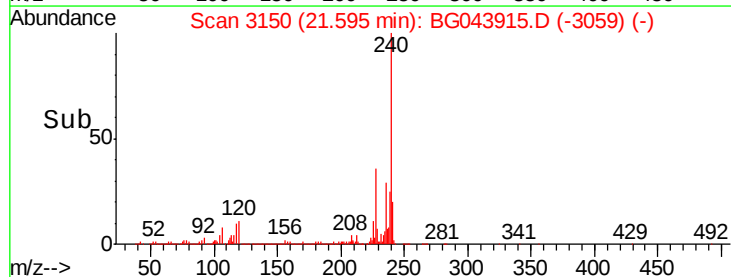
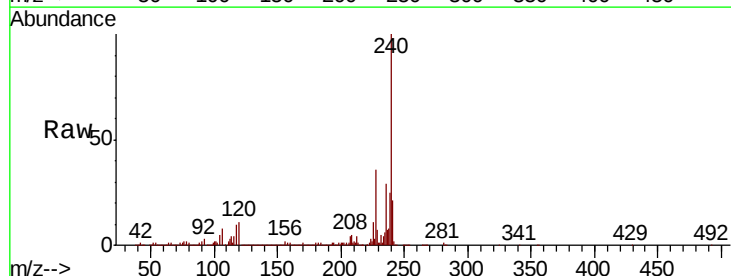
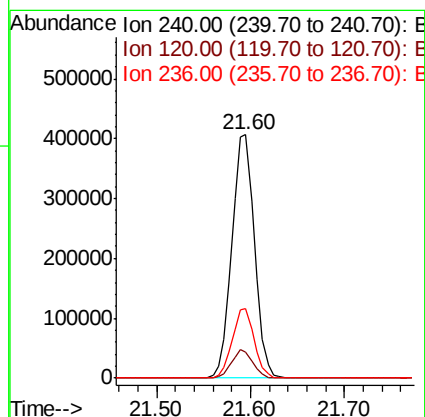
RT: 21.60 min Scan# 3150

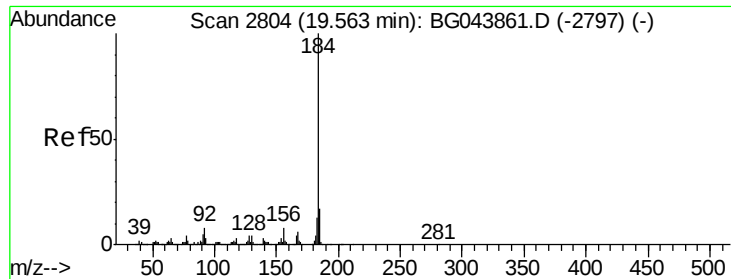
Delta R.T. 0.01 min

Lab File: BG043915.D

Acq: 4 Jan 2020 10:17

Tgt Ion:	240	Resp:	676707
Ion	Ratio	Lower	Upper
240	100		
120	10.9	9.6	14.4
236	28.6	22.2	33.2





#77

Benzidine

Concen: 7.309 ng

RT: 19.56 min Scan# 2804

Delta R.T. -0.00 min

Lab File: BG043915.D

Acq: 4 Jan 2020 10:17

Instrument :

BNA_G

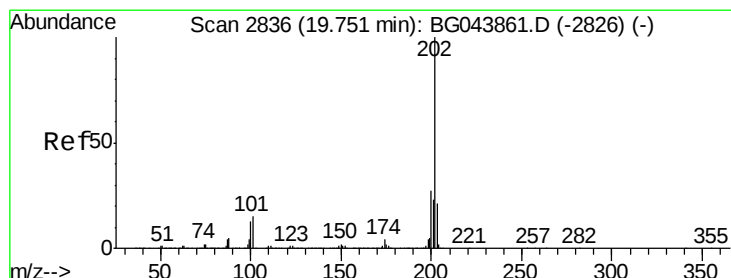
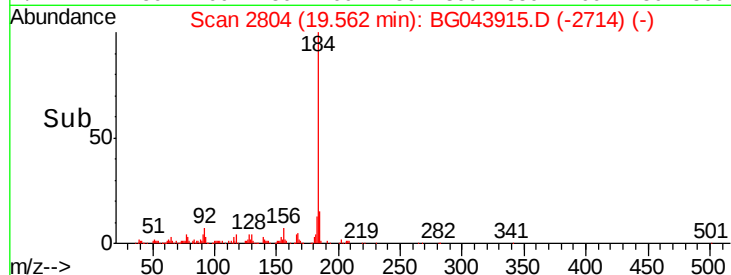
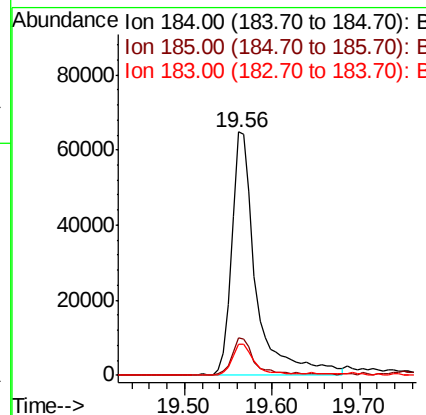
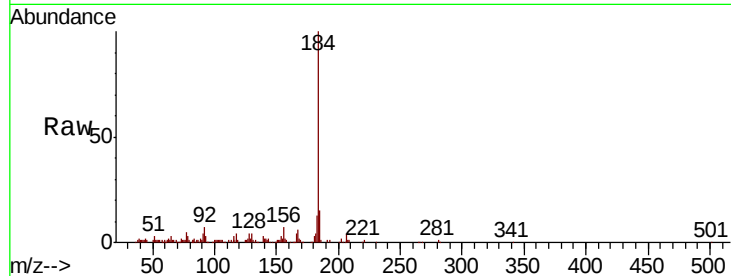
ClientSampleId :

OR-02-123119MS

Tot Ion:	184	Resp:	124322
Ion Ratio	Lower	Upper	
184	100		
185	15.3	13.4	20.0
183	12.9	10.6	15.8

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#78

Pyrene

Concen: 49.644 ng

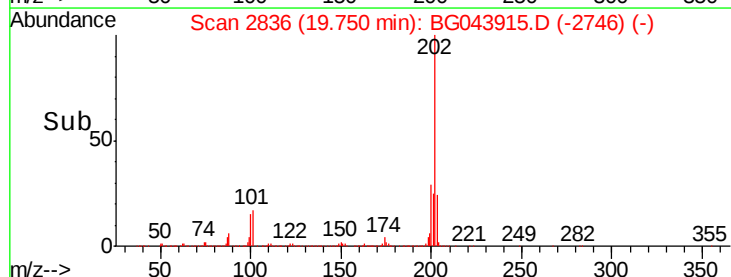
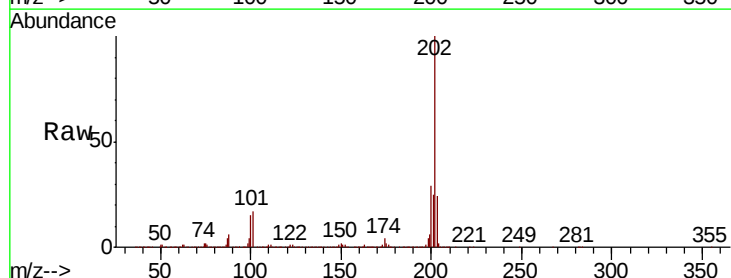
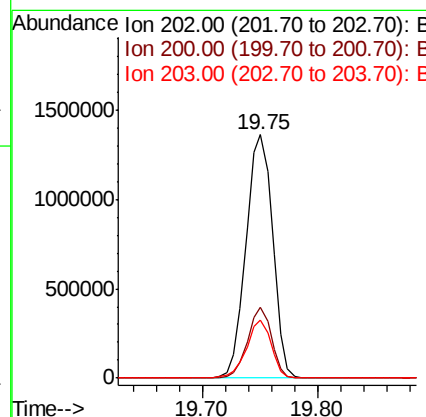
RT: 19.75 min Scan# 2836

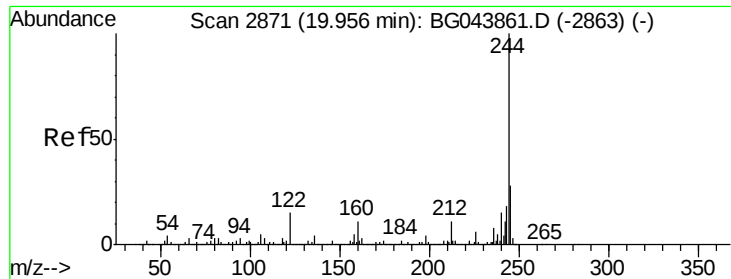
Delta R.T. -0.00 min

Lab File: BG043915.D

Acq: 4 Jan 2020 10:17

Tgt Ion:	202	Resp:	2192841
Ion Ratio	Lower	Upper	
202	100		
200	29.1	21.7	32.5
203	23.7	17.0	25.6





#79

Terphenyl-d14

Concen: 95.720 ng

RT: 19.95 min Scan# 2870

Delta R.T. -0.01 min

Lab File: BG043915.D

Acq: 4 Jan 2020 10:17

Instrument :

BNA_G

ClientSampleId :

OR-02-123119MS

Tot Ion:244 Resp: 2600694

Ion Ratio Lower Upper

244 100

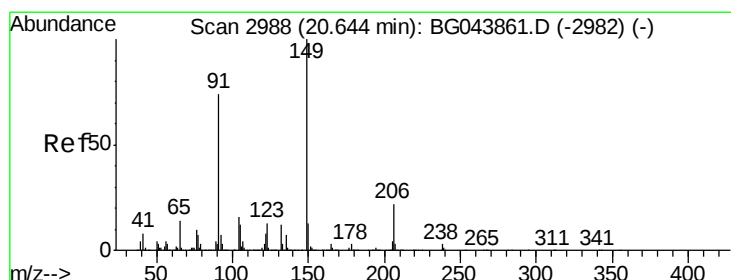
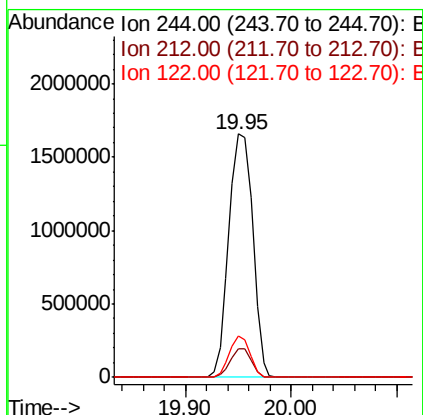
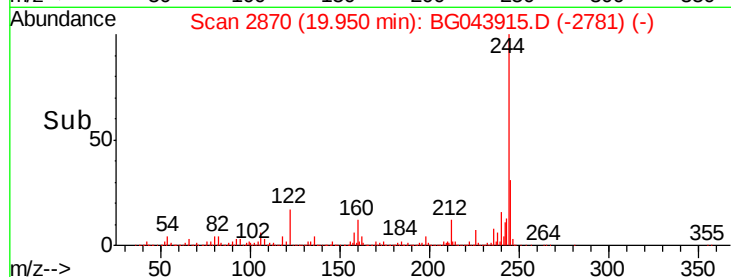
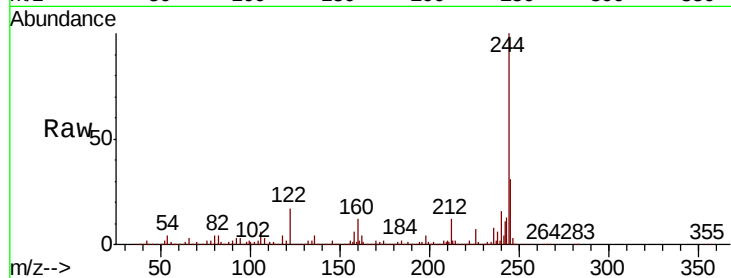
212 11.6 8.6 13.0

122 17.1 11.9 17.9

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#80

Butylbenzylphthalate

Concen: 50.996 ng

RT: 20.64 min Scan# 2988

Delta R.T. -0.00 min

Lab File: BG043915.D

Acq: 4 Jan 2020 10:17

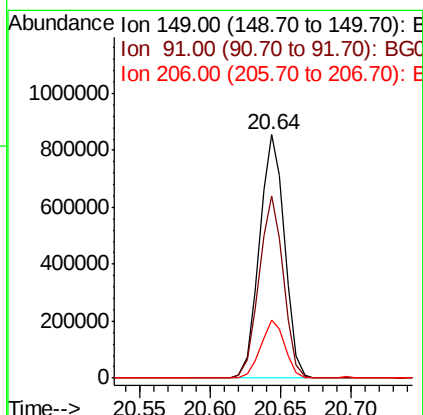
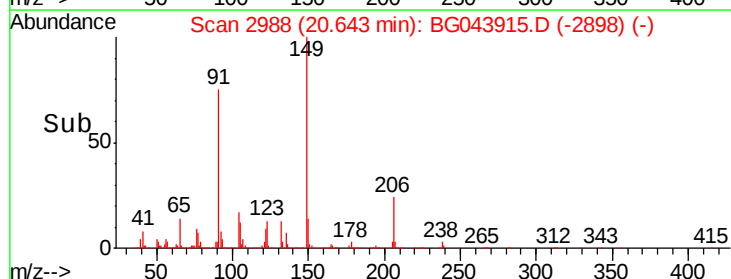
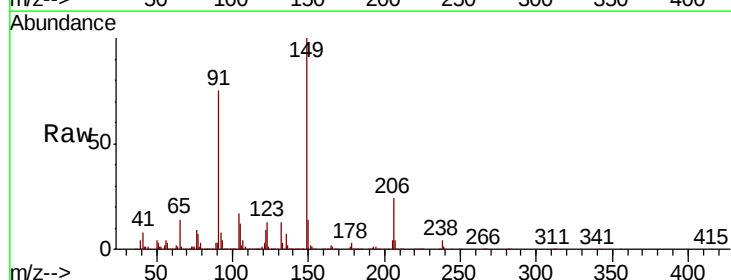
Tgt Ion:149 Resp: 1072424

Ion Ratio Lower Upper

149 100

91 74.6 59.5 89.3

206 23.9 17.8 26.6





#81

Benzo(a)anthracene

Concen: 50.625 ng

RT: 21.57 min Scan# 3146

Delta R.T. -0.00 min

Lab File: BG043915.D

Acq: 4 Jan 2020 10:17

Instrument :

BNA_G

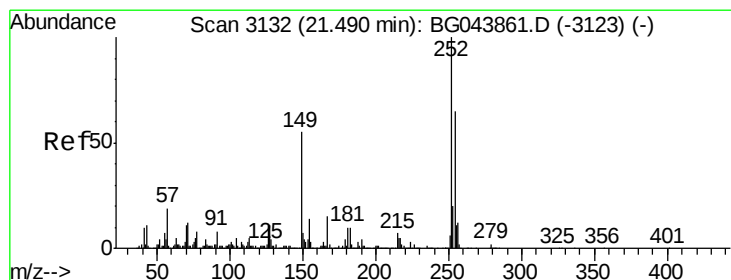
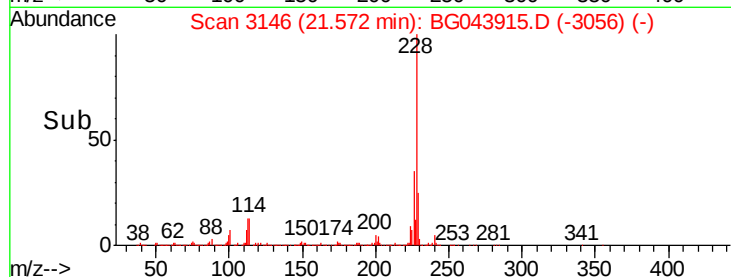
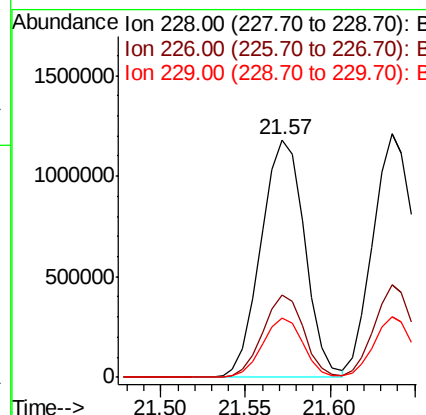
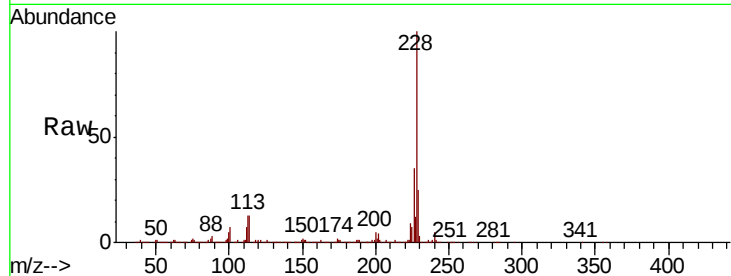
ClientSampleId :

OR-02-123119MS

Tot Ion:	228	Resp:	2124272
Ion	Ratio	Lower	Upper
228	100		
226	34.5	26.2	39.4
229	24.7	18.9	28.3

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#82

3,3'-Dichlorobenzidine

Concen: 19.958 ng

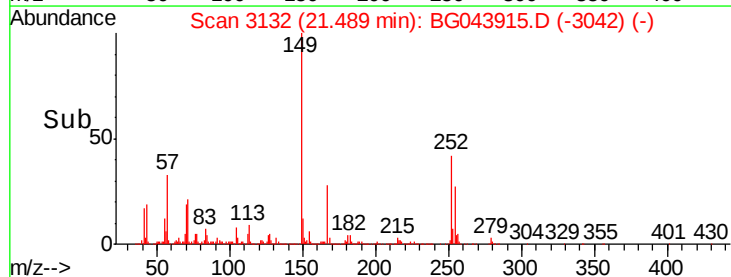
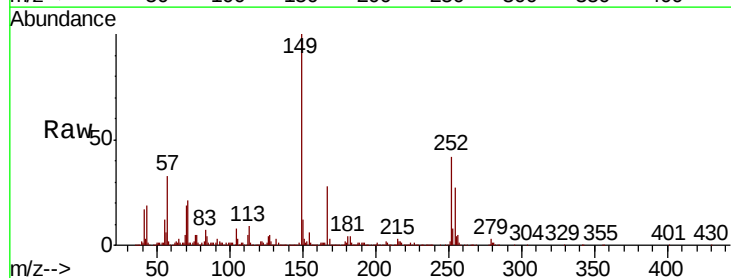
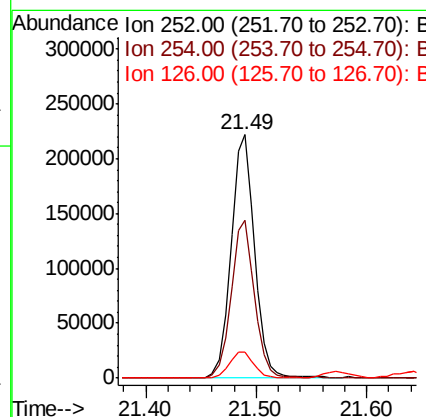
RT: 21.49 min Scan# 3132

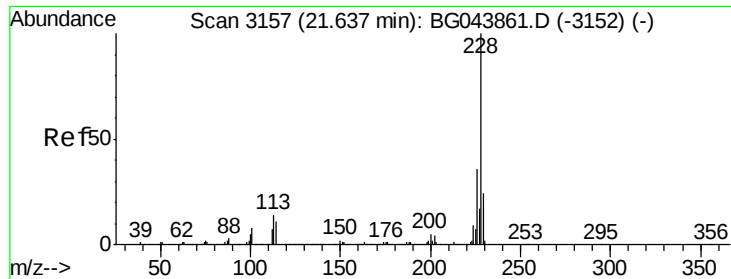
Delta R.T. -0.00 min

Lab File: BG043915.D

Acq: 4 Jan 2020 10:17

Tgt Ion:	252	Resp:	330859
Ion	Ratio	Lower	Upper
252	100		
254	65.1	52.1	78.1
126	10.8	9.1	13.7





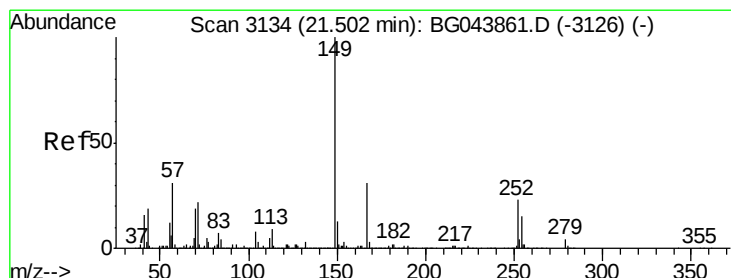
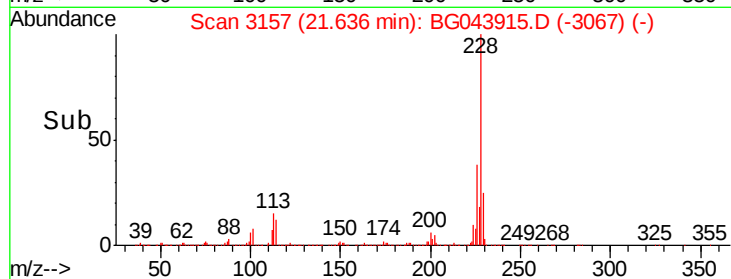
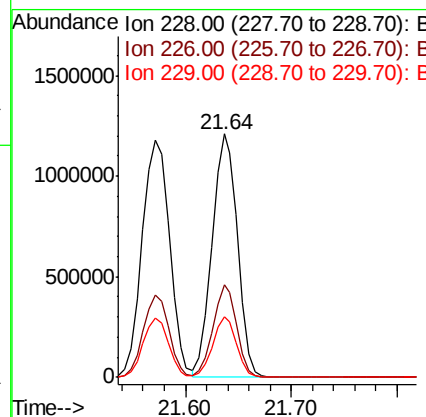
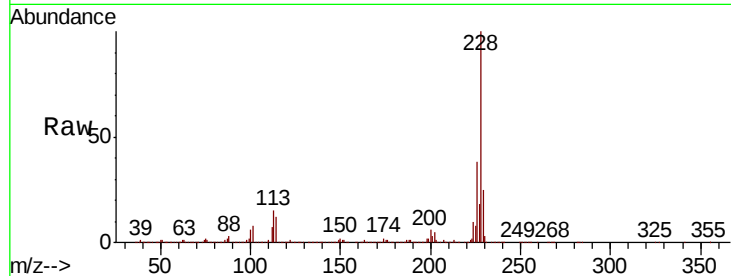
#83
 Chrysene
 Concen: 50.742 ng
 RT: 21.64 min Scan# 3157
 Delta R.T. -0.00 min
 Lab File: BG043915.D
 Acq: 4 Jan 2020 10:17

Instrument :
 BNA_G
 ClientSampleId :
 OR-02-123119MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	38.3	28.8	43.2
229	24.9	19.0	28.6

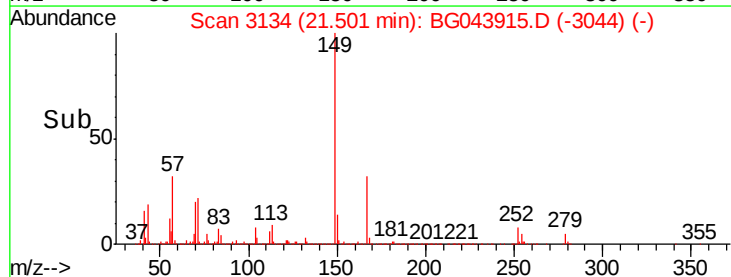
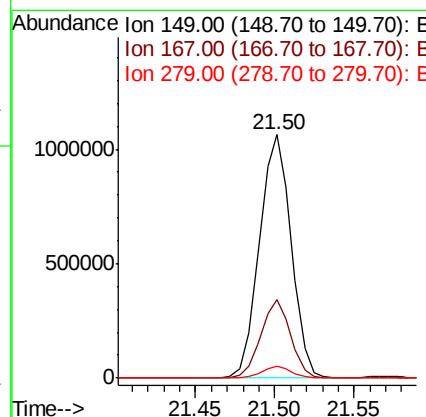
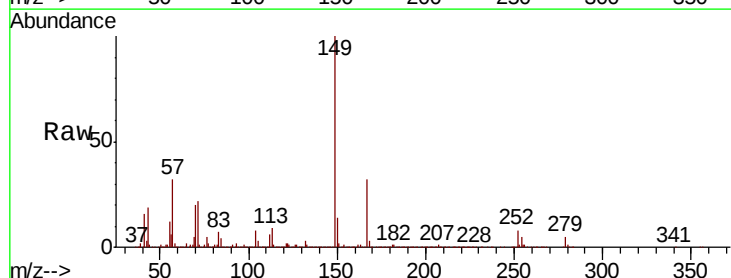
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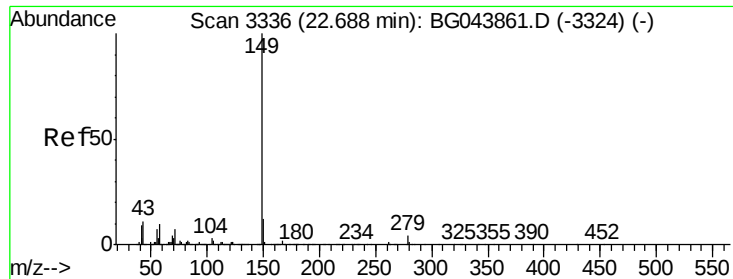
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 50.980 ng
 RT: 21.50 min Scan# 3134
 Delta R.T. -0.00 min
 Lab File: BG043915.D
 Acq: 4 Jan 2020 10:17

Tgt Ion	Ratio	Lower	Upper
149	100		
167	32.0	24.7	37.1
279	4.8	3.3	4.9





#85

Di-n-octyl phthalate

Concen: 51.958 ng

RT: 22.69 min Scan# 3336

Delta R.T. -0.00 min

Lab File: BG043915.D

Acq: 4 Jan 2020 10:17

Instrument :

BNA_G

ClientSampleId :

OR-02-123119MS

Tot Ion:149 Resp: 2534589

Ion Ratio Lower Upper

149 100

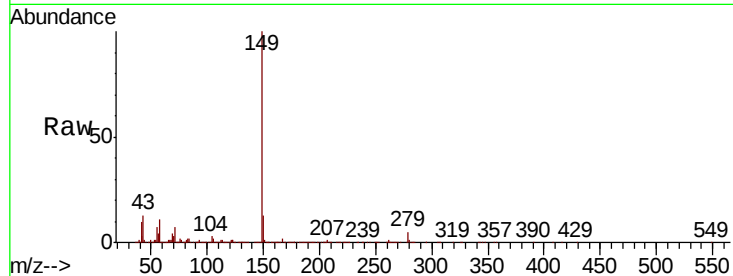
167 1.9 1.4 2.0

43 11.4 8.8 13.2

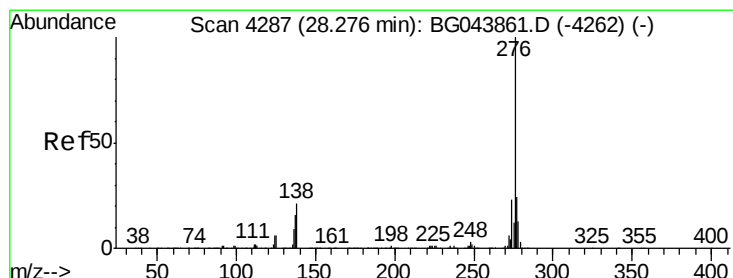
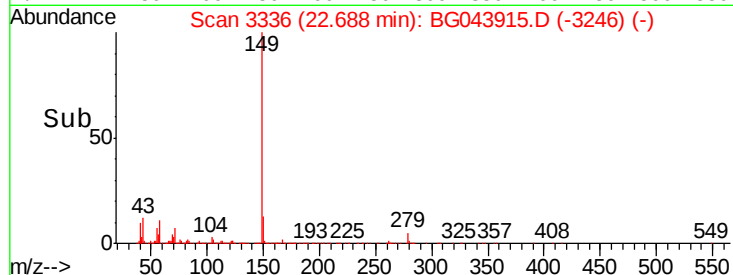
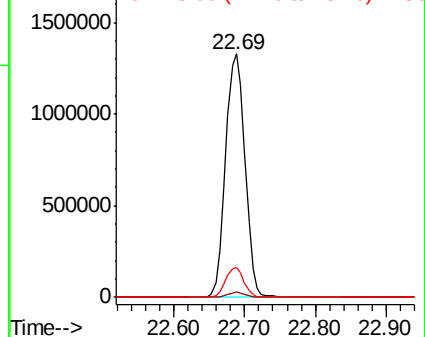
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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 51.786 ng

RT: 28.27 min Scan# 4286

Delta R.T. -0.01 min

Lab File: BG043915.D

Acq: 4 Jan 2020 10:17

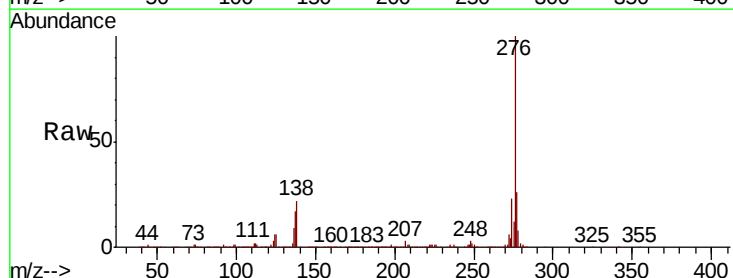
Tgt Ion:276 Resp: 2805979

Ion Ratio Lower Upper

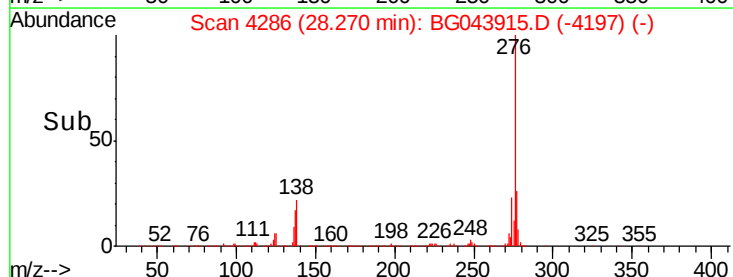
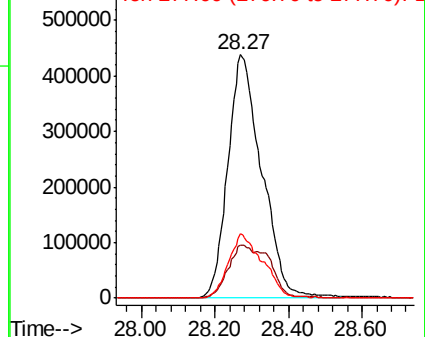
276 100

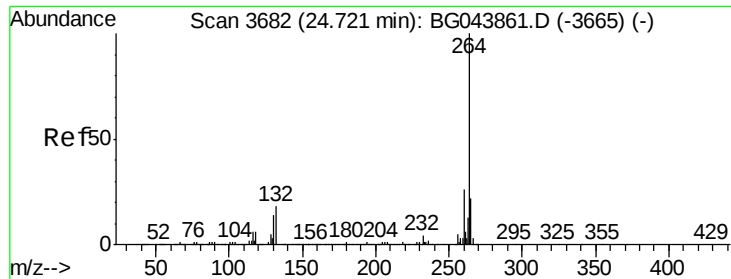
138 15.4 21.0 31.4#

277 26.7 21.1 31.7



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





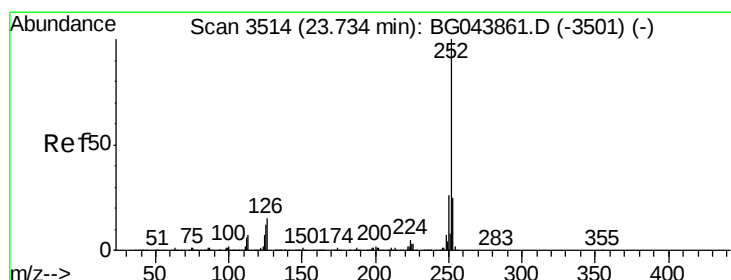
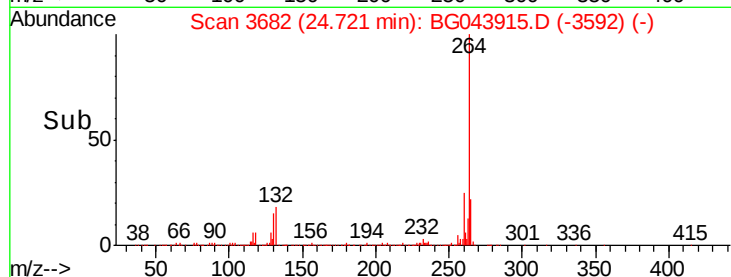
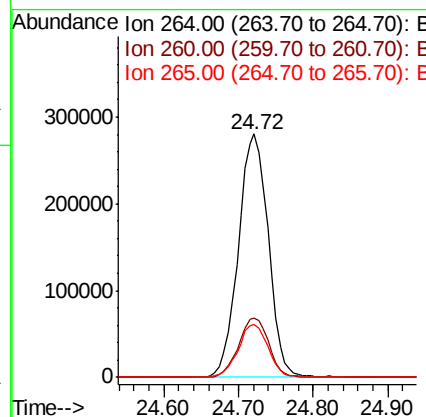
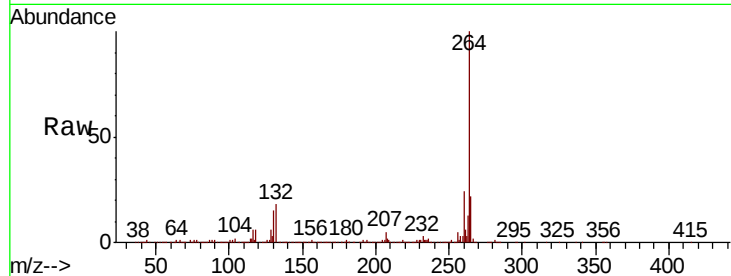
#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.72 min Scan# 3682
Delta R.T. -0.00 min
Lab File: BG043915.D
Acq: 4 Jan 2020 10:17

Instrument :
BNA_G
ClientSampleId :
OR-02-123119MS

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.5	20.4	30.6
265	22.0	17.4	26.2

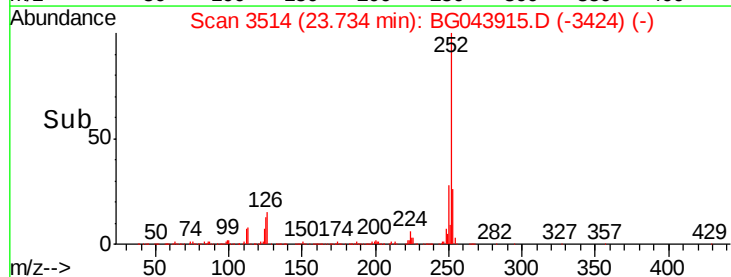
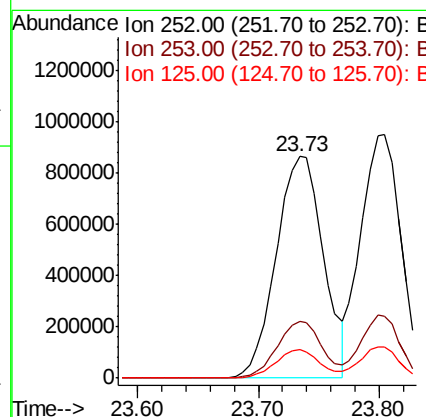
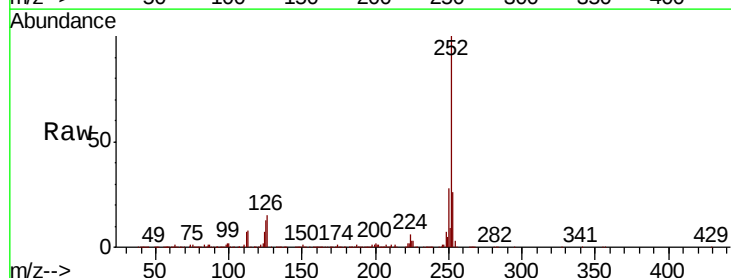
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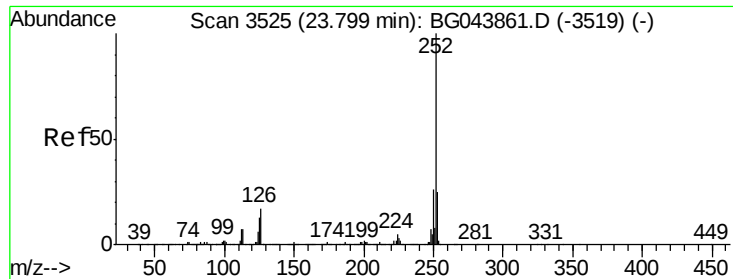
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#88
Benzo(b)fluoranthene
Concen: 50.708 ng
RT: 23.73 min Scan# 3514
Delta R.T. -0.00 min
Lab File: BG043915.D
Acq: 4 Jan 2020 10:17

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.9	19.7	29.5
125	12.8	9.4	14.2





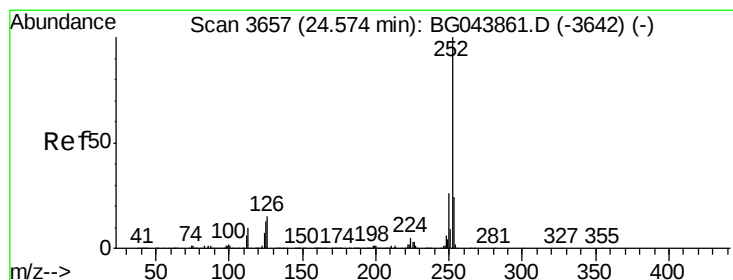
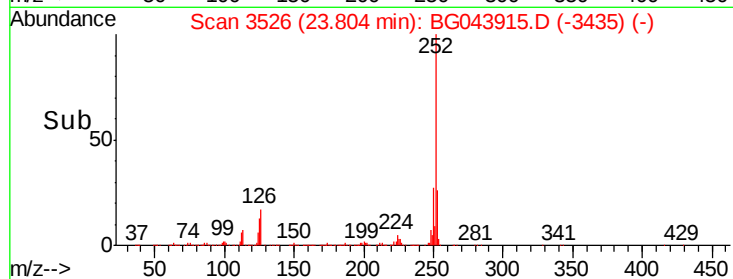
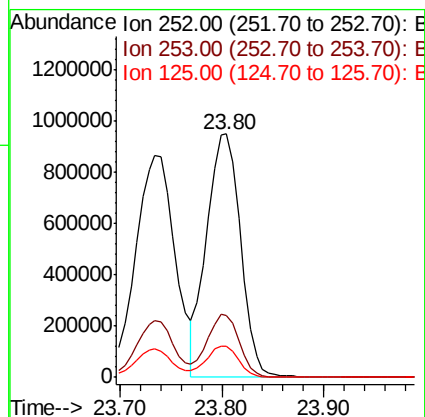
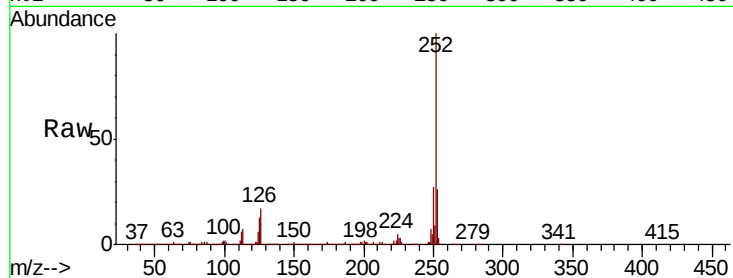
#89
Benzo(k)fluoranthene
Concen: 50.106 ng
RT: 23.80 min Scan# 3526
Delta R.T. 0.01 min
Lab File: BG043915.D
Acq: 4 Jan 2020 10:17

Instrument :
BNA_G
ClientSampleId :
OR-02-123119MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.6	19.4	29.2
125	12.6	9.9	14.9

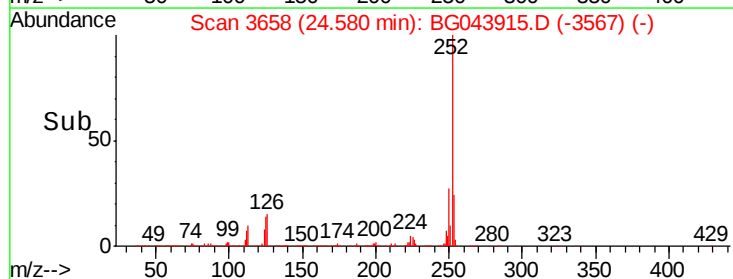
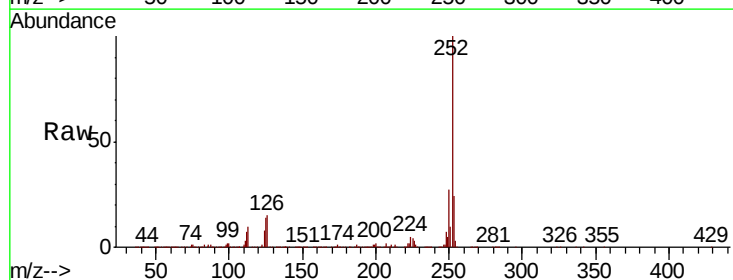
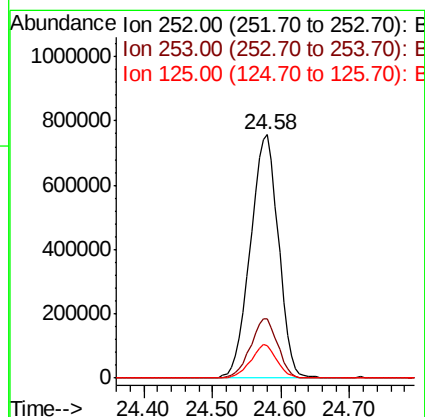
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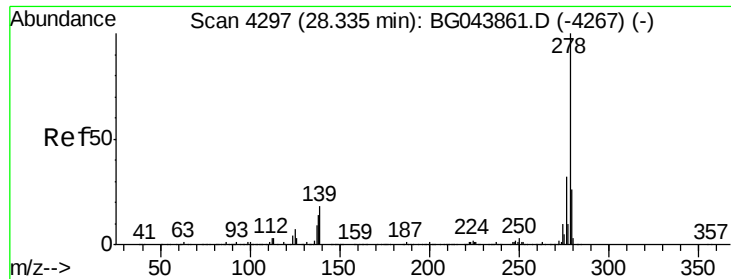
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#90
Benzo(a)pyrene
Concen: 49.516 ng
RT: 24.58 min Scan# 3658
Delta R.T. 0.01 min
Lab File: BG043915.D
Acq: 4 Jan 2020 10:17

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.2	19.3	28.9
125	13.6	10.4	15.6





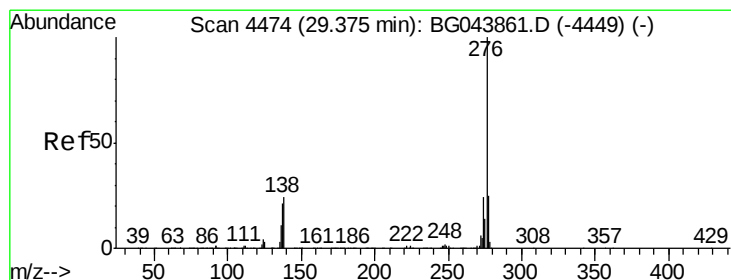
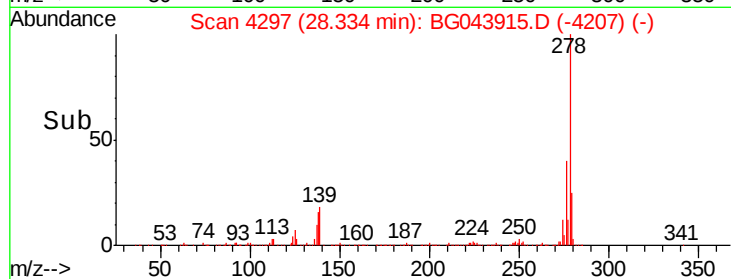
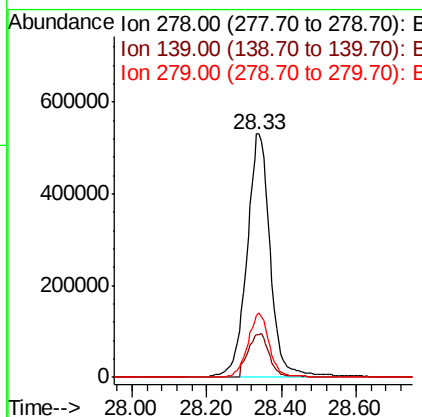
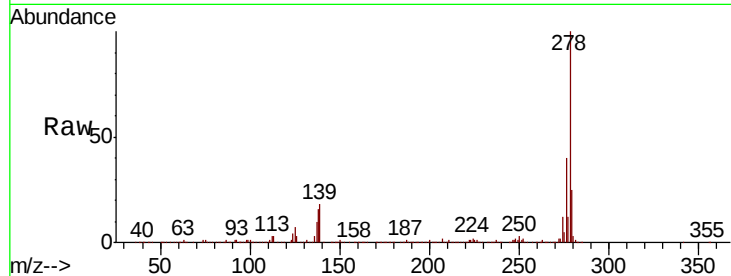
#91
Dibenzo(a,h)anthracene
Concen: 52.611 ng
RT: 28.33 min Scan# 4297
Delta R.T. -0.00 min
Lab File: BG043915.D
Acq: 4 Jan 2020 10:17

Instrument :
BNA_G
ClientSampleId :
OR-02-123119MS

Tot Ion	Ratio	Lower	Upper
278	100		
139	17.8	14.2	21.4
279	25.2	20.6	30.8

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#92
Benzo(g,h,i)perylene
Concen: 52.758 ng
RT: 29.39 min Scan# 4476
Delta R.T. 0.01 min
Lab File: BG043915.D
Acq: 4 Jan 2020 10:17

Tgt Ion	Ratio	Lower	Upper
276	100		
277	25.6	20.2	30.4
138	23.8	19.0	28.6

