

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101519\
 Data File : BG043219.D
 Acq On : 15 Oct 2019 15:20
 Operator : JU
 Sample : K5348-11MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 20190879-COMPOSITE-KMSD

Manual Integrations
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mohammad
 10/17/2019 7:57:24 AM

Quant Time: Oct 16 01:36:12 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 09 01:11:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	54388	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	202702	20.00	ng	0.00
39) Acenaphthene-d10	14.68	164	143598	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	330121	20.00	ng	0.00
76) Chrysene-d12	21.70	240	363708	20.00	ng	0.00
87) Perylene-d12	24.92	264	421303	20.00	ng	0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	323694	106.21	ng	0.00
7) Phenol-d6	7.23	99	592912	135.10	ng	0.00
23) Nitrobenzene-d5	9.21	82	376362	90.25	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	230360	93.29	ng	0.00
45) 2-Fluorobiphenyl	13.30	172	864010	87.23	ng	0.00
79) Terphenyl-d14	20.03	244	1501689	87.98	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	3.52	88	43892	34.543	ng	93
3) Pyridine	3.92	79	105759	29.593	ng	89
4) n-Nitrosodimethylamine	3.83	42	67231	39.120	ng	# 80
6) Aniline	7.38	93	113925	21.505	ng	97
8) 2-Chlorophenol	7.62	128	161899	50.940	ng	98
9) Benzaldehyde	7.19	77	94261	35.148	ng	94
10) Phenol	7.25	94	240022	59.610	ng	94
11) bis(2-Chloroethyl)ether	7.47	93	136960	43.962	ng	97
12) 1,3-Dichlorobenzene	7.94	146	175457	43.275	ng	98
13) 1,4-Dichlorobenzene	8.09	146	178986	44.284	ng	99
14) 1,2-Dichlorobenzene	8.41	146	171248	44.504	ng	99
15) Benzyl Alcohol	8.29	79	146714	44.464	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.58	45	192166	32.118	ng	93
17) 2-Methylphenol	8.50	107	138422	49.131	ng	99
18) Hexachloroethane	9.13	117	62813	41.265	ng	95
19) n-Nitroso-di-n-propylamine	8.85	70	121587	42.192	ng	90
20) 3+4-Methylphenols	8.83	107	188786	48.896	ng	94
22) Acetophenone	8.88	105	239984	45.930	ng	# 91
24) Nitrobenzene	9.26	77	181649	45.665	ng	92
25) Isophorone	9.77	82	342147	46.707	ng	98
26) 2-Nitrophenol	9.97	139	94028	55.526	ng	97
27) 2,4-Dimethylphenol	10.03	122	152231	58.537	ng	97
28) bis(2-Chloroethoxy)methane	10.26	93	190431	45.819	ng	98
29) 2,4-Dichlorophenol	10.51	162	173254	53.567	ng	99
30) 1,2,4-Trichlorobenzene	10.72	180	190374	45.580	ng	98
31) Naphthalene	10.91	128	497741	49.882	ng	99
32) Benzoic acid	10.19	122	78095	40.046	ng	96
33) 4-Chloroaniline	11.02	127	38224	8.828	ng	94
34) Hexachlorobutadiene	11.19	225	137479	43.960	ng	95
35) Caprolactam	11.80	113	56566m	49.594	ng	
36) 4-Chloro-3-methylphenol	12.14	107	186494	53.032	ng	96
37) 2-Methylnaphthalene	12.51	142	377229	49.556	ng	96
38) 1-Methylnaphthalene	12.72	142	355087	49.298	ng	96
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	251414	46.565	ng	99

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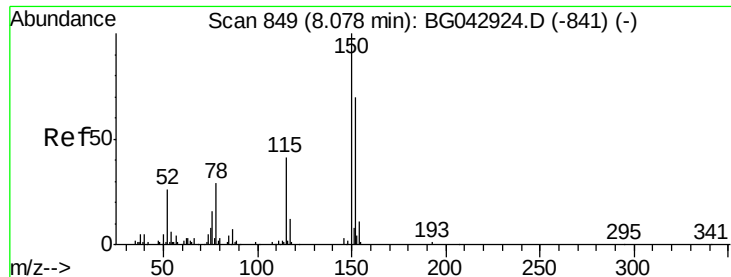
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.86	237	271843	79.022	ng	97
43) 2,4,6-Trichlorophenol	13.12	196	163052	51.596	ng	98
44) 2,4,5-Trichlorophenol	13.19	196	178680	54.886	ng	96
46) 1,1'-Biphenyl	13.51	154	513082	47.116	ng	98
47) 2-Chloronaphthalene	13.56	162	406231	49.756	ng	97
48) 2-Nitroaniline	13.76	65	123295	45.411	ng	90
49) Acenaphthylene	14.40	152	645906	51.702	ng	98
50) Dimethylphthalate	14.13	163	603571	56.098	ng	99
51) 2,6-Dinitrotoluene	14.25	165	120498	52.590	ng	93
52) Acenaphthene	14.74	154	389710	46.604	ng	98
53) 3-Nitroaniline	14.58	138	45972	19.415	ng	91
54) 2,4-Dinitrophenol	14.79	184	140333	98.534	ng	92
55) Dibenzofuran	15.07	168	621688	50.258	ng	100
56) 4-Nitrophenol	14.90	139	183086	101.478	ng	96
57) 2,4-Dinitrotoluene	15.04	165	169942	50.648	ng	93
58) Fluorene	15.73	166	534932	50.652	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.30	232	176157	50.821	ng	98
60) Diethylphthalate	15.49	149	513531	46.899	ng	97
61) 4-Chlorophenyl-phenylether	15.71	204	304457	48.069	ng	99
62) 4-Nitroaniline	15.75	138	114206	44.223	ng	95
63) Azobenzene	16.01	77	456555	45.798	ng	97
65) 4,6-Dinitro-2-methylphenol	15.80	198	107775	57.694	ng	93
66) n-Nitrosodiphenylamine	15.93	169	467479	53.642	ng	99
67) 4-Bromophenyl-phenylether	16.61	248	214036	51.658	ng	98
68) Hexachlorobenzene	16.73	284	235320	51.009	ng	98
69) Atrazine	16.88	200	175571	47.843	ng	96
70) Pentachlorophenol	17.08	266	278719	104.703	ng	97
71) Phenanthrene	17.47	178	831234	51.576	ng	98
72) Anthracene	17.56	178	851588	52.928	ng	99
73) Carbazole	17.82	167	770252	51.625	ng	98
74) Di-n-butylphthalate	18.38	149	892615	50.143	ng	99
75) Fluoranthene	19.48	202	1078519	50.594	ng	99
77) Benzidine	19.66	184	340431	37.382	ng	99
78) Pyrene	19.83	202	1087104	50.078	ng	99
80) Butylbenzylphthalate	20.71	149	412632	50.077	ng	95
81) Benzo(a)anthracene	21.68	228	1113452	49.132	ng	99
82) 3,3'-Dichlorobenzidine	21.59	252	286824	32.269	ng	99
83) Chrysene	21.74	228	1091382	49.626	ng	98
84) Bis(2-ethylhexyl)phthalate	21.58	149	603825	51.499	ng	98
85) Di-n-octyl phthalate	22.79	149	1020482	53.226	ng	95
86) Indeno(1,2,3-cd)pyrene	28.61	276	1464586	53.494	ng	99
88) Benzo(b)fluoranthene	23.90	252	1218022	51.095	ng	98
89) Benzo(k)fluoranthene	23.97	252	1202131	50.975	ng	99
90) Benzo(a)pyrene	24.77	252	1197155	53.229	ng	99
91) Dibenzo(a,h)anthracene	28.66	278	1227749	53.236	ng	99
92) Benzo(g,h,i)perylene	29.76	276	1225970	54.864	ng	98

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



#1

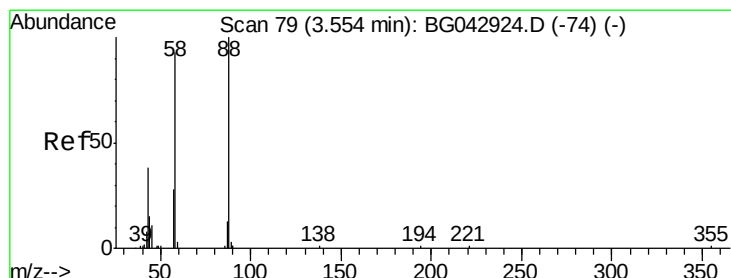
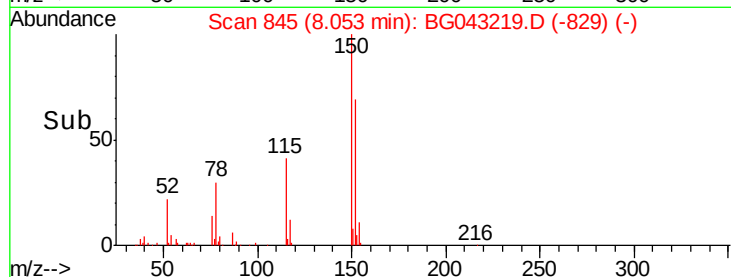
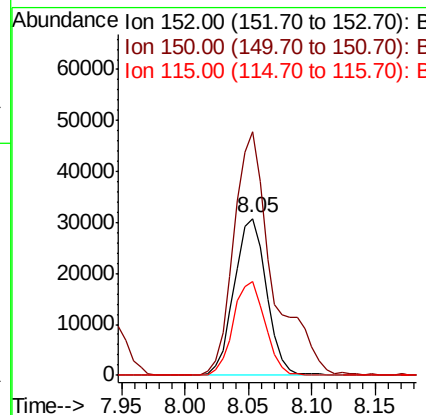
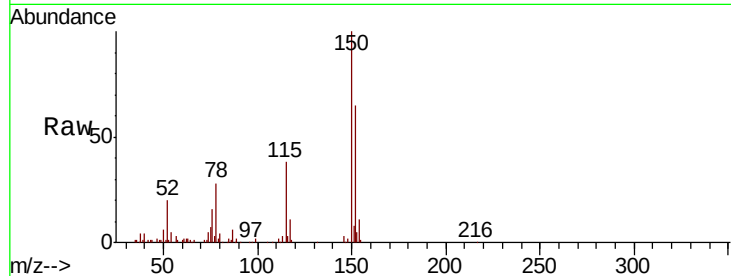
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 845
Delta R.T. -0.01 min
Lab File: BG043219.D
Acq: 15 Oct 2019 15:20

Instrument :
BNA_G
ClientSampleId :
20190879-COMPOSITE-KMSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.0	115.0	172.4
115	59.5	47.0	70.6

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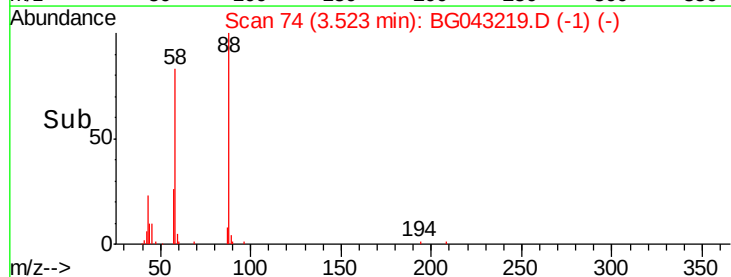
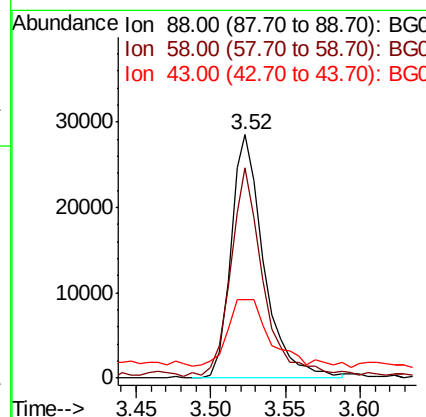
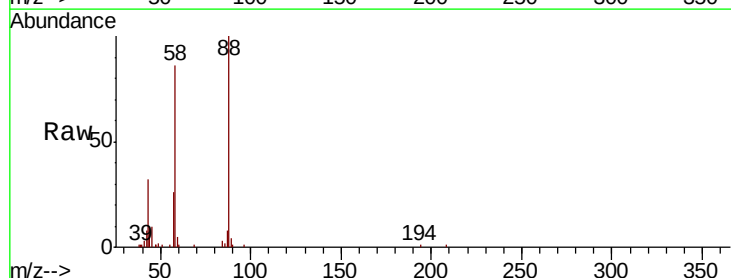
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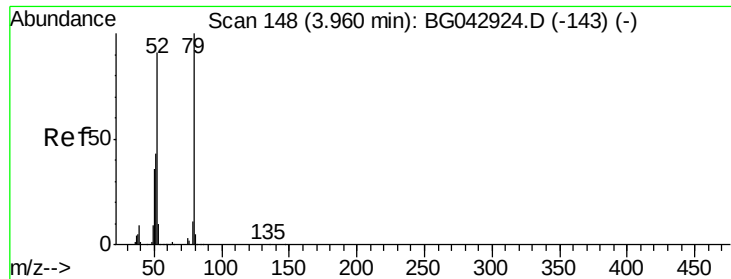


#2

1,4-Dioxane
Concen: 34.543 ng
RT: 3.52 min Scan# 74
Delta R.T. -0.01 min
Lab File: BG043219.D
Acq: 15 Oct 2019 15:20

Tgt Ion	Ratio	Lower	Upper
88	100		
58	84.1	74.3	111.5
43	36.4	29.8	44.8





#3

Pvridine

Concen: 29.593 ng

RT: 3.92 min Scan# 142

Delta R.T. -0.01 min

Lab File: BG043219.D

Acq: 15 Oct 2019 15:20

Instrument :

BNA_G

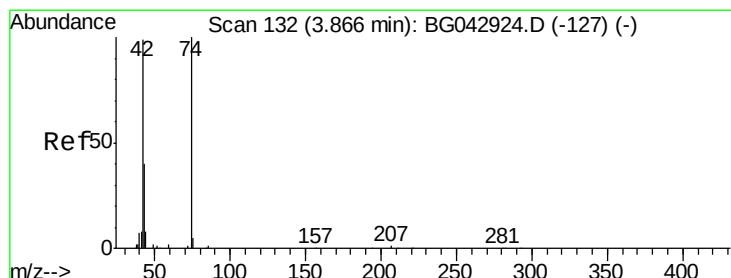
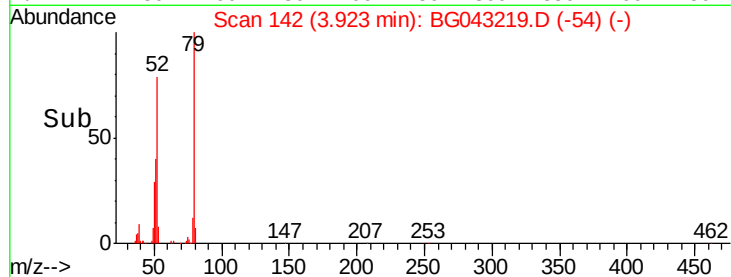
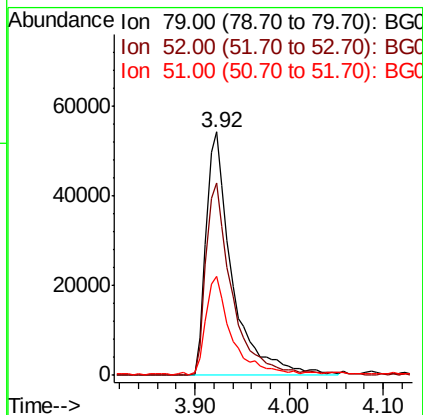
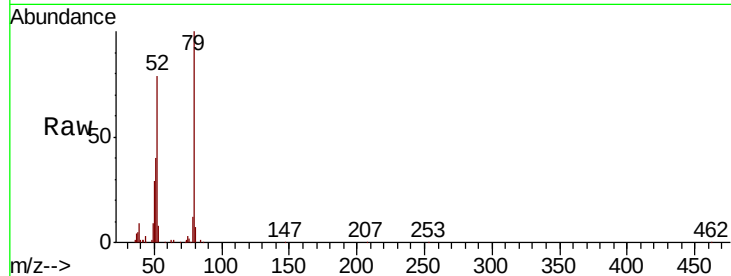
ClientSampleId :

20190879-COMPOSITE-KMSD

Tot Ion:	79	Resp:	105759
Ion	Ratio	Lower	Upper
79	100		
52	78.9	73.0	109.4
51	40.4	35.1	52.7

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#4

n-Nitrosodimethylamine

Concen: 39.120 ng

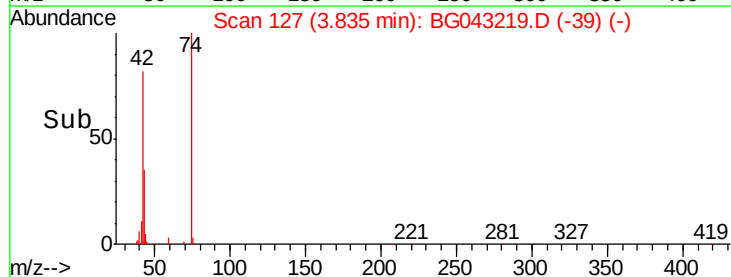
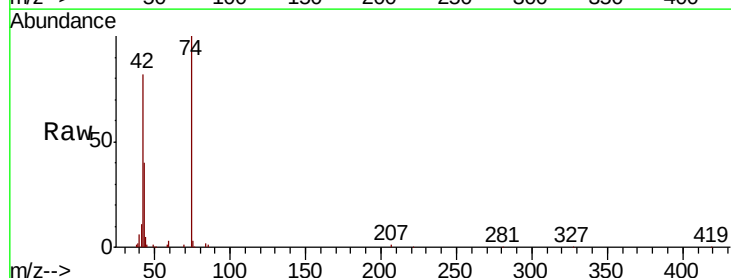
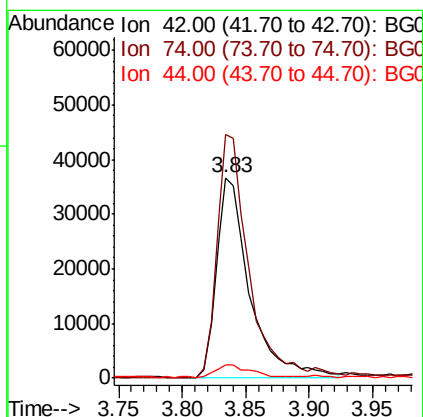
RT: 3.83 min Scan# 127

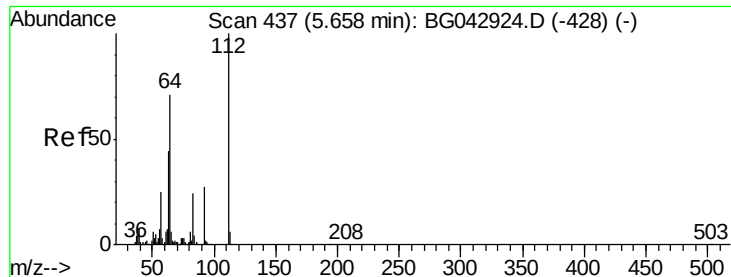
Delta R.T. -0.01 min

Lab File: BG043219.D

Acq: 15 Oct 2019 15:20

Tgt Ion:	42	Resp:	67231
Ion	Ratio	Lower	Upper
42	100		
74	121.6	80.5	120.7#
44	6.6	6.9	10.3#





#5

2-Fluorophenol

Concen: 106.213 ng

RT: 5.63 min Scan# 433

Delta R.T. -0.01 min

Lab File: BG043219.D

Acq: 15 Oct 2019 15:20

Instrument :

BNA_G

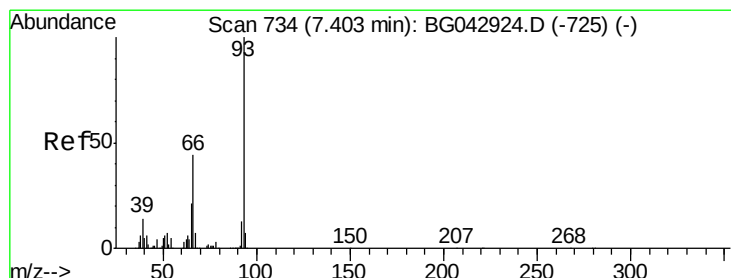
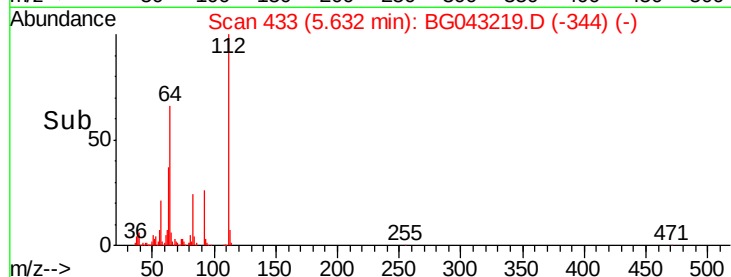
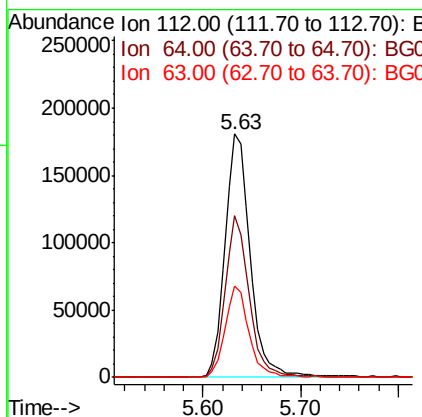
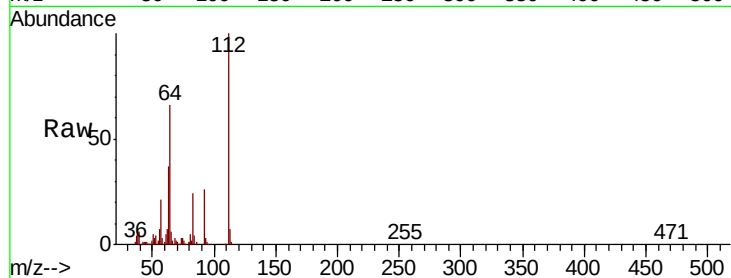
ClientSampleId :

20190879-COMPOSITE-KMSD

Tot Ion	Ratio	Resp	Lower	Upper
112	100	323694		
64	66.3	56.6	84.8	
63	37.4	35.1	52.7	

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#6

Aniline

Concen: 21.505 ng

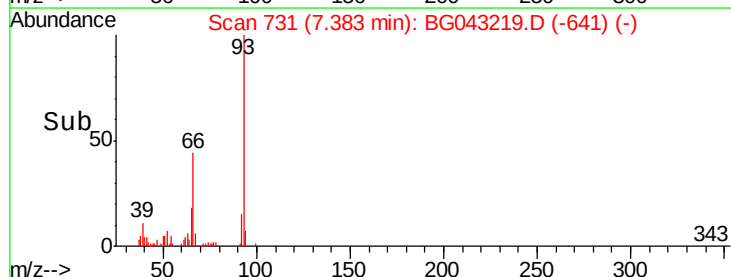
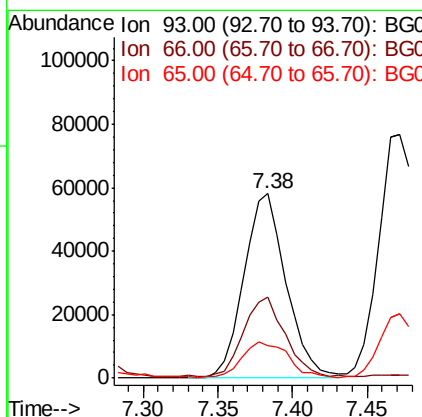
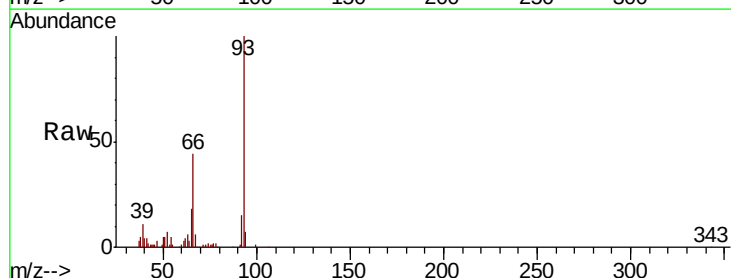
RT: 7.38 min Scan# 731

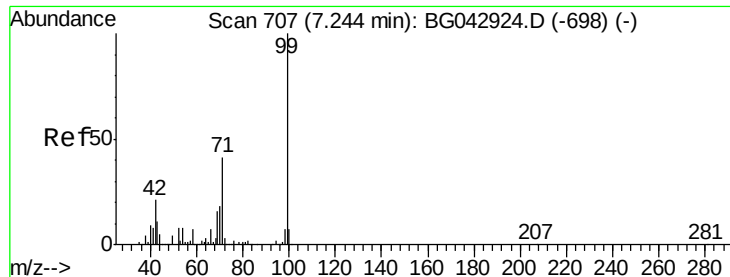
Delta R.T. -0.00 min

Lab File: BG043219.D

Acq: 15 Oct 2019 15:20

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	113925		
66	43.8	35.0	52.6	
65	17.9	17.4	26.0	





#7

Phenol-d6

Concen: 135.099 ng

RT: 7.23 min Scan# 705

Delta R.T. -0.00 min

Lab File: BG043219.D

Acq: 15 Oct 2019 15:20

Instrument :

BNA_G

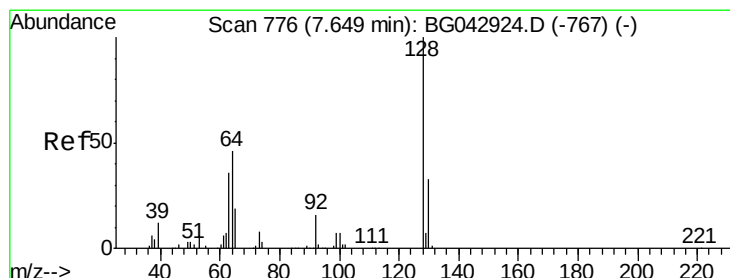
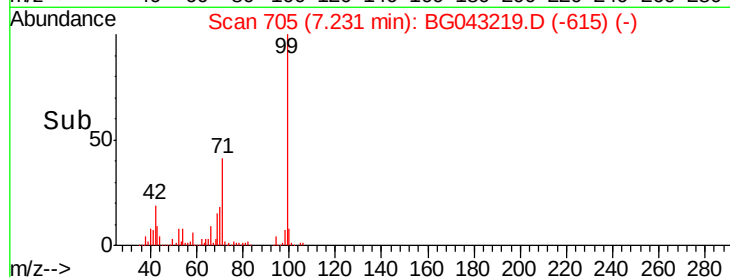
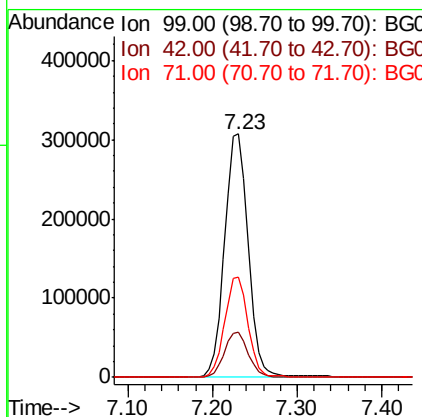
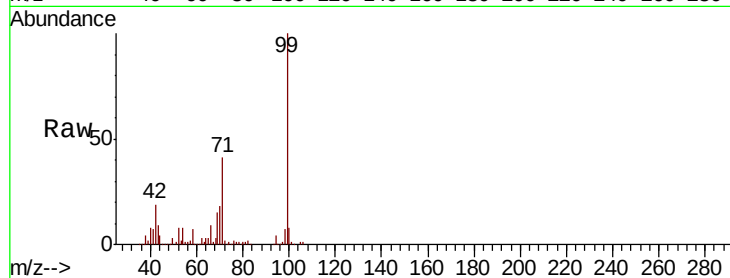
ClientSampleId :

20190879-COMPOSITE-KMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		592912		
42	18.7	17.2	25.8		
71	41.1	33.1	49.7		

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#8

2-Chlorophenol

Concen: 50.940 ng

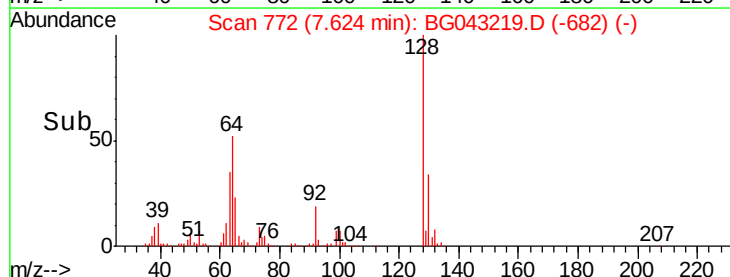
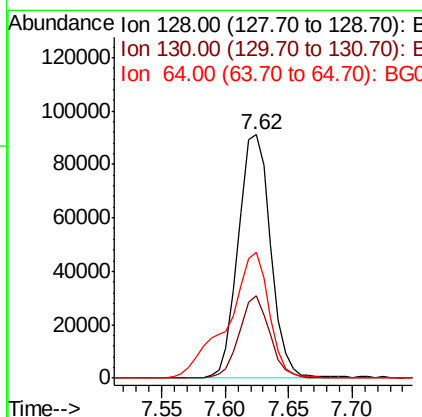
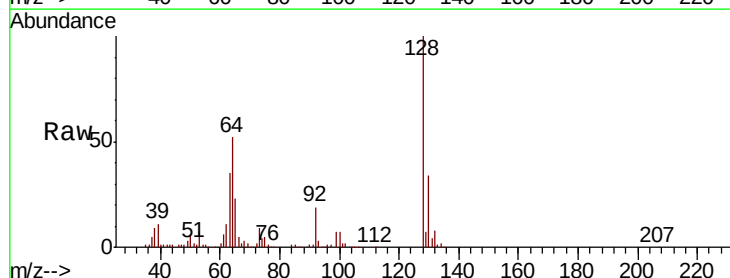
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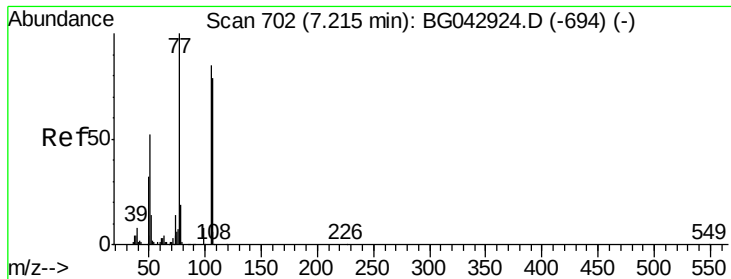
Delta R.T. -0.00 min

Lab File: BG043219.D

Acq: 15 Oct 2019 15:20

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		161899		
130	33.9	12.5	52.5		
64	51.5	32.8	72.8		





#9

Benzaldehyde

Concen: 35.148 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.01 min

Lab File: BG043219.D

Acq: 15 Oct 2019 15:20

Instrument :

BNA_G

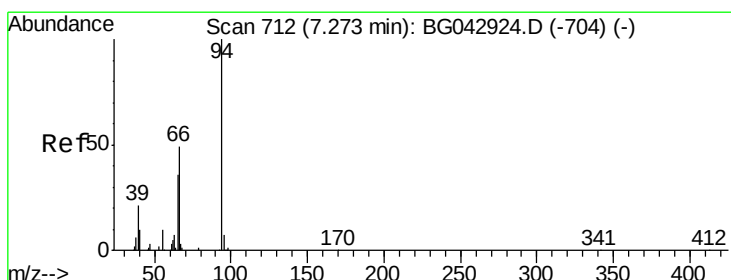
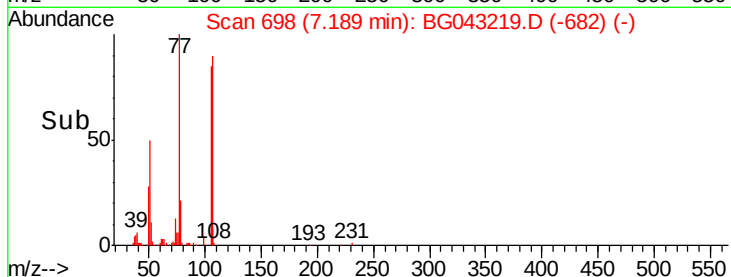
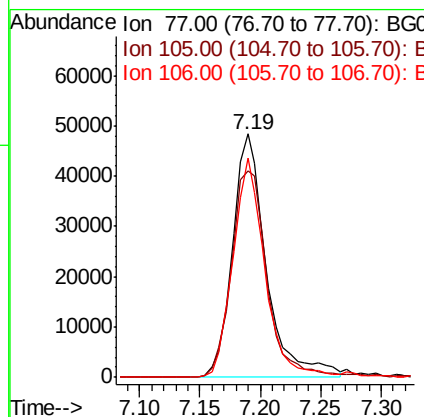
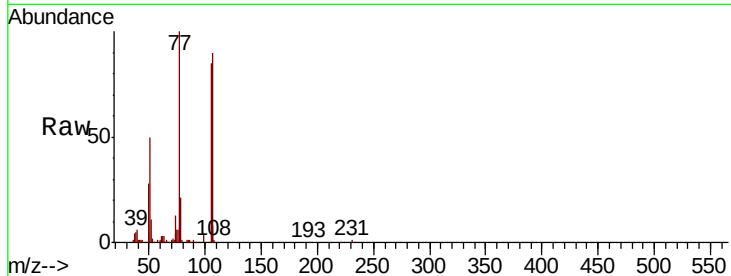
ClientSampleId :

20190879-COMPOSITE-KMSD

Tot Ion:	77	Resp:	94261
Ion Ratio	Lower	Upper	
77	100		
105	85.0	64.6	104.6
106	90.1	59.4	99.4

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#10

Phenol

Concen: 59.610 ng

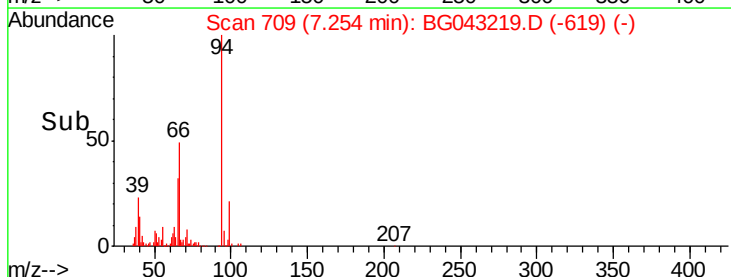
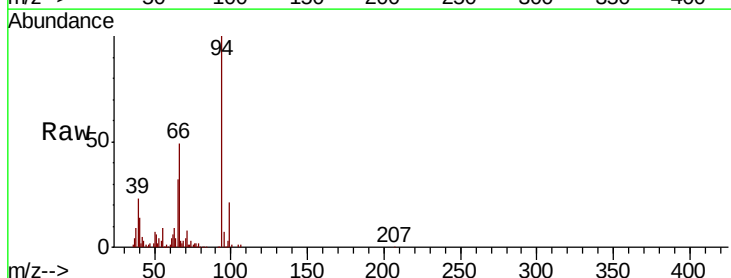
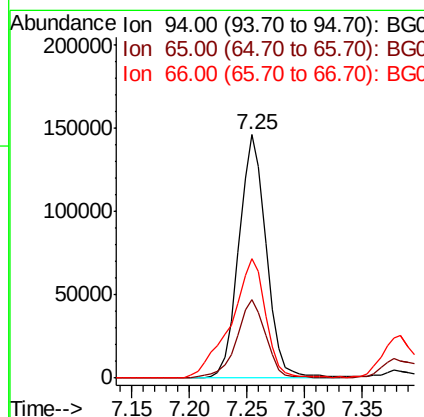
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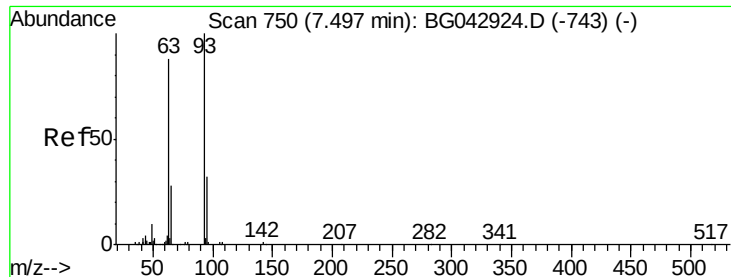
Delta R.T. -0.00 min

Lab File: BG043219.D

Acq: 15 Oct 2019 15:20

Tgt Ion:	94	Resp:	240022
Ion Ratio	Lower	Upper	
94	100		
65	32.3	16.6	56.6
66	49.0	32.4	72.4





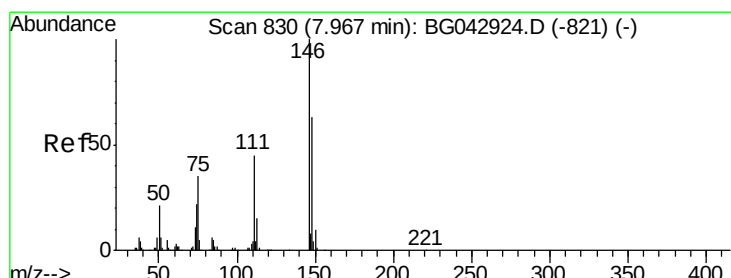
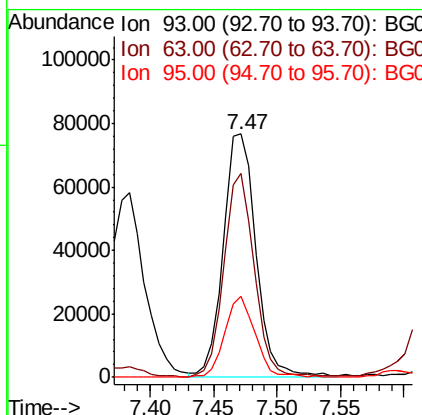
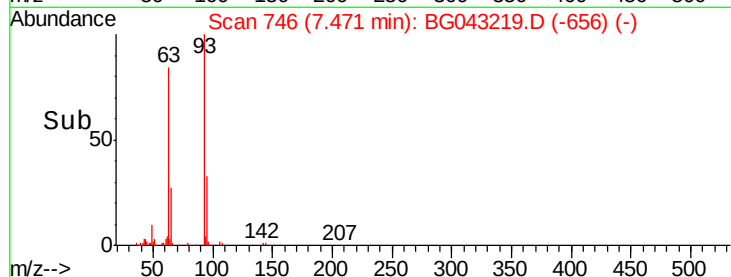
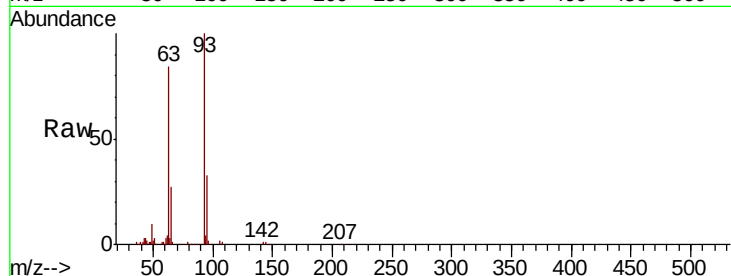
#11
bis(2-Chloroethyl)ether
Concen: 43.962 ng
RT: 7.47 min Scan# 746
Delta R.T. -0.00 min
Lab File: BG043219.D
Acq: 15 Oct 2019 15:20

Instrument :
BNA_G
ClientSampleId :
20190879-COMPOSITE-KMSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	84.0	67.4	107.4
95	33.2	11.9	51.9

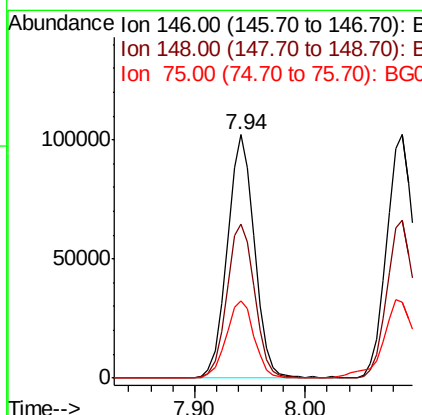
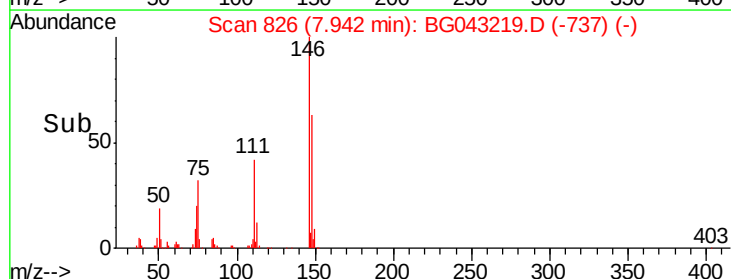
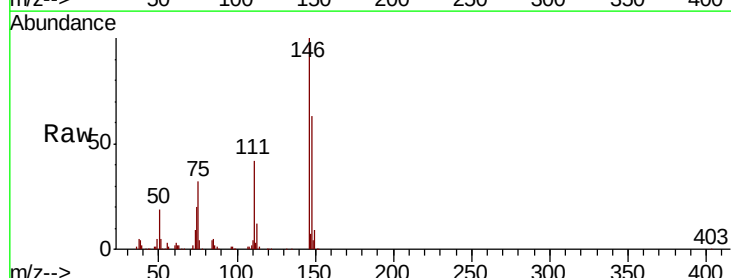
Manual Integrations
APPROVED

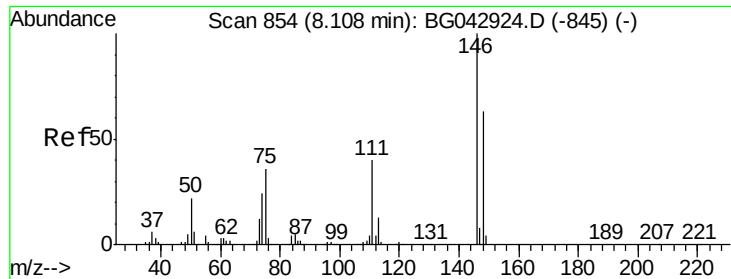
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#12
1,3-Dichlorobenzene
Concen: 43.275 ng
RT: 7.94 min Scan# 826
Delta R.T. -0.01 min
Lab File: BG043219.D
Acq: 15 Oct 2019 15:20

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.1	50.7	76.1
75	31.9	27.7	41.5





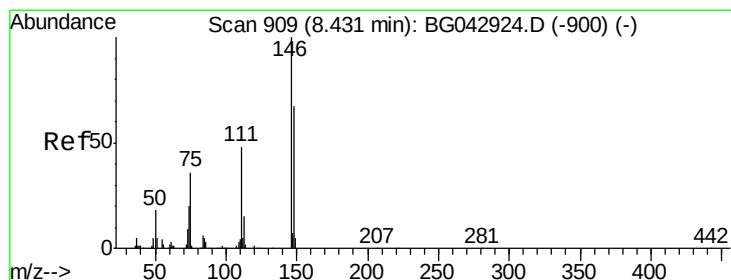
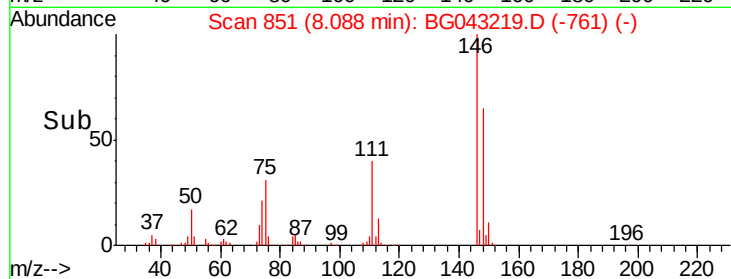
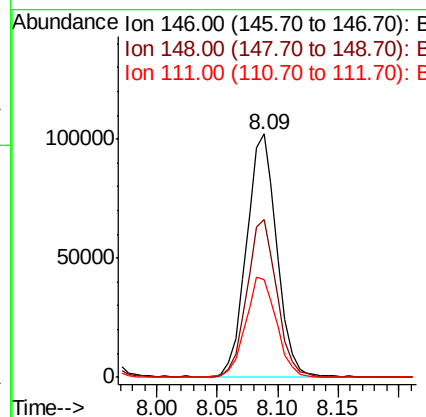
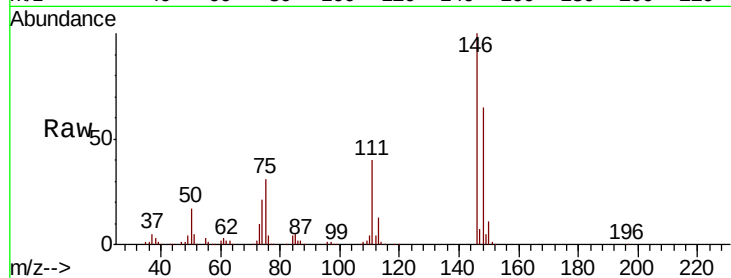
#13
1,4-Dichlorobenzene
Concen: 44.284 ng
RT: 8.09 min Scan# 851
Delta R.T. -0.00 min
Lab File: BG043219.D
Acq: 15 Oct 2019 15:20

Instrument :
BNA_G
ClientSampleId :
20190879-COMPOSITE-KMSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.1	50.9	76.3
111	40.0	31.8	47.8

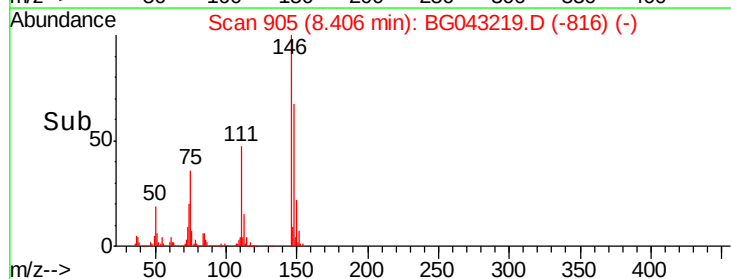
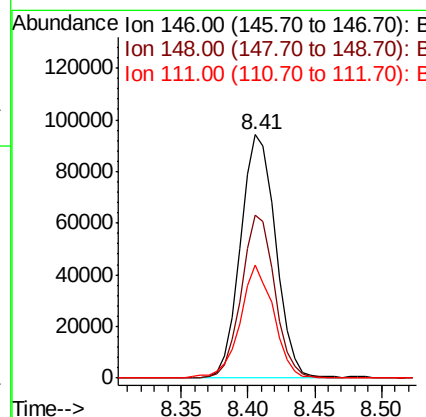
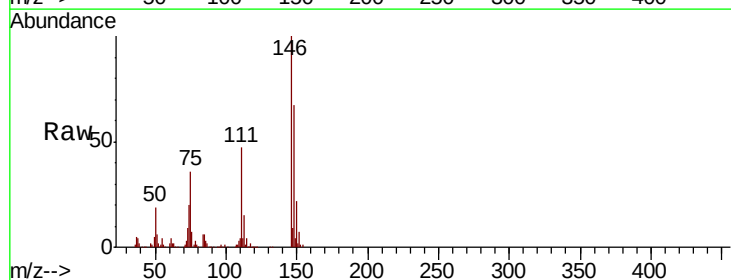
Manual Integrations
APPROVED

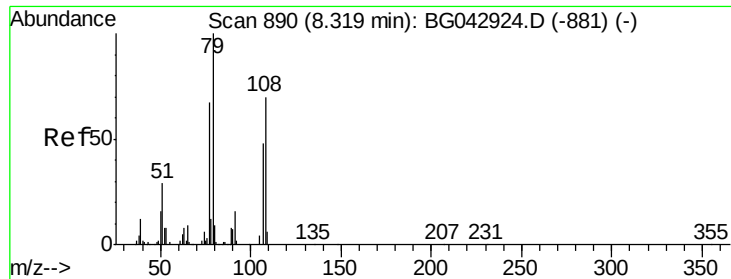
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#14
1,2-Dichlorobenzene
Concen: 44.504 ng
RT: 8.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BG043219.D
Acq: 15 Oct 2019 15:20

Tgt Ion	Ratio	Lower	Upper
146	100		
148	67.0	53.4	80.2
111	46.6	38.5	57.7





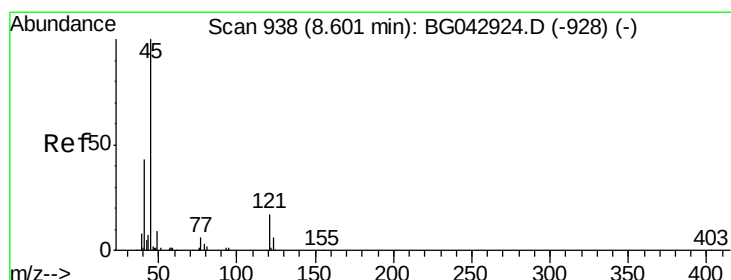
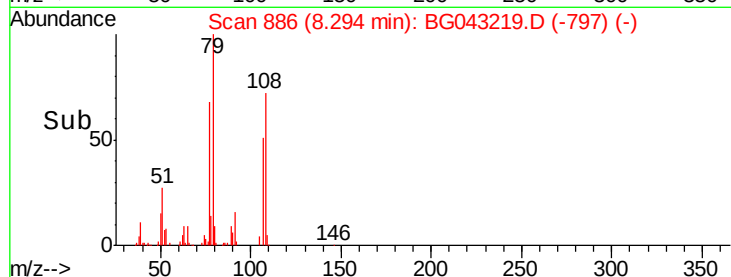
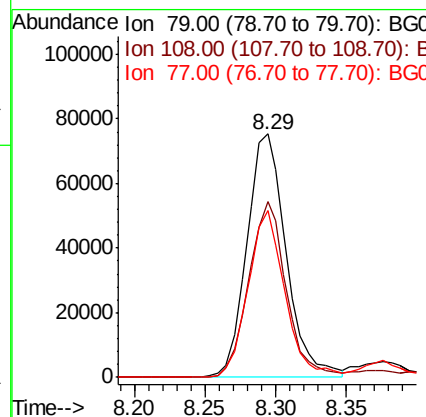
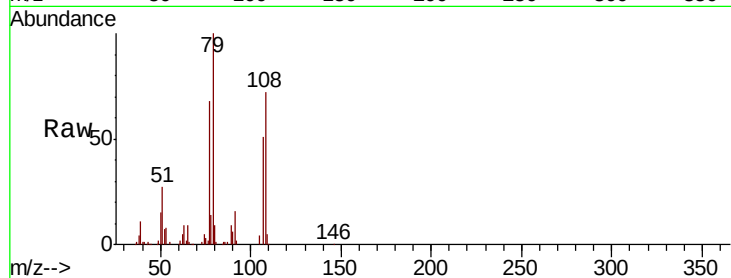
#15
Benzyl Alcohol
Concen: 44.464 ng
RT: 8.29 min Scan# 886
Delta R.T. -0.01 min
Lab File: BG043219.D
Acq: 15 Oct 2019 15:20

Instrument :
BNA_G
ClientSampleId :
20190879-COMPOSITE-KMSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	72.1	55.7	83.5
77	68.3	53.3	79.9

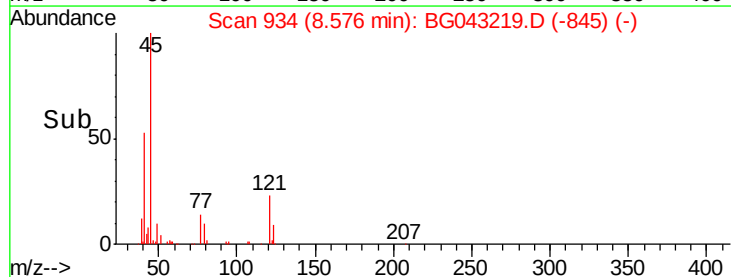
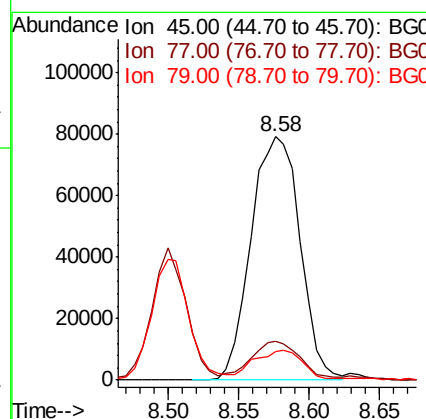
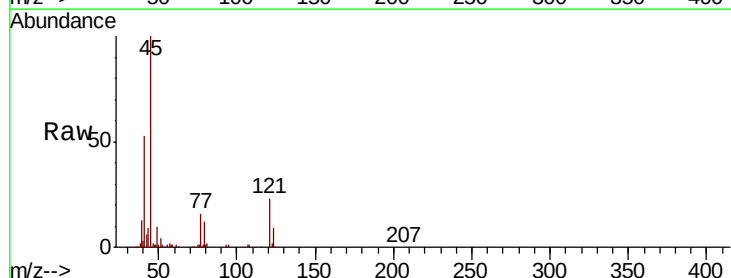
Manual Integrations
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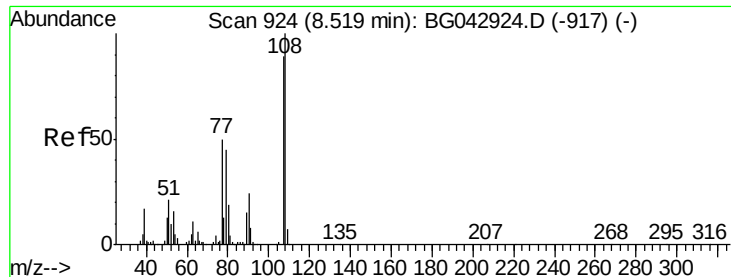
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 32.118 ng
RT: 8.58 min Scan# 934
Delta R.T. -0.01 min
Lab File: BG043219.D
Acq: 15 Oct 2019 15:20

Tgt Ion	Ratio	Lower	Upper
45	100		
77	15.7	0.0	32.8
79	11.6	0.0	29.4





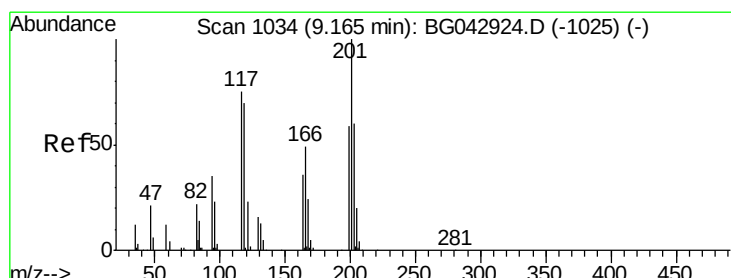
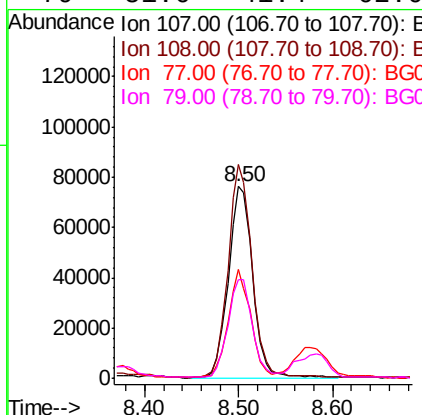
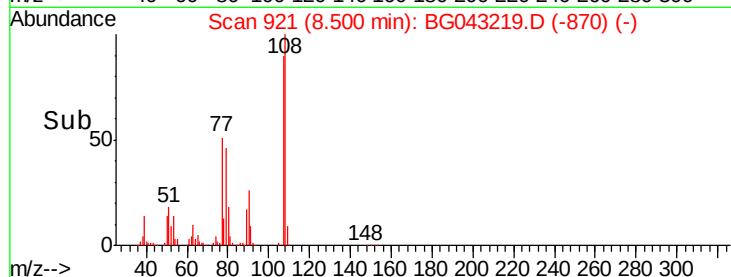
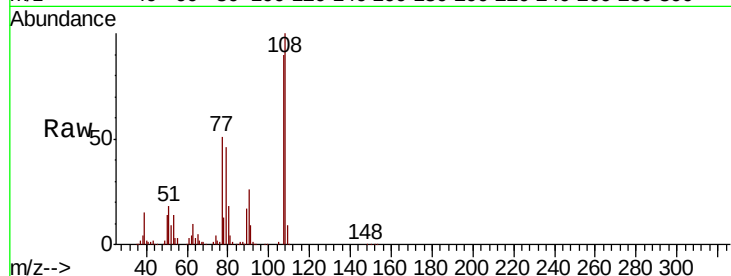
#17
2-Methylphenol
Concen: 49.131 ng
RT: 8.50 min Scan# 921
Delta R.T. -0.00 min
Lab File: BG043219.D
Acq: 15 Oct 2019 15:20

Instrument :
BNA_G
ClientSampleId :
20190879-COMPOSITE-KMSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	111.3	89.9	134.9	
77	56.4	45.4	68.2	
79	51.6	41.4	62.0	

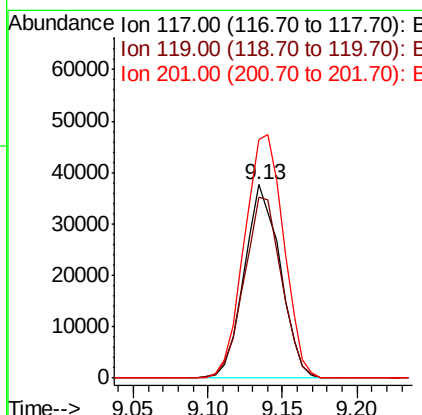
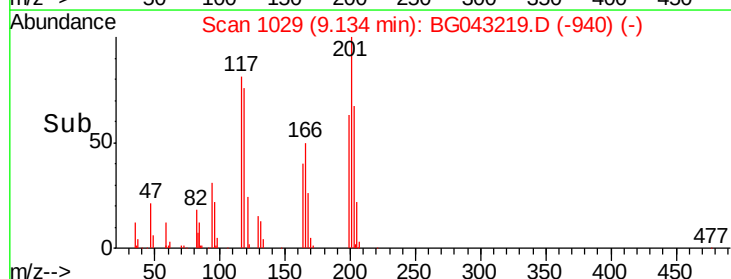
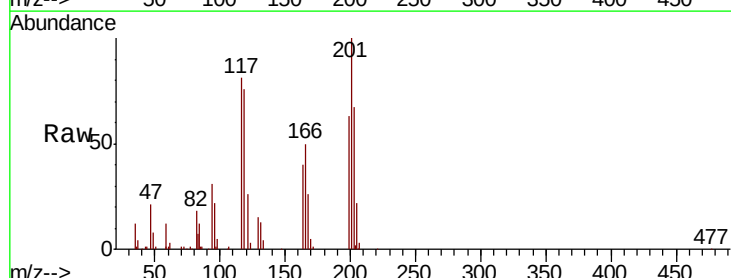
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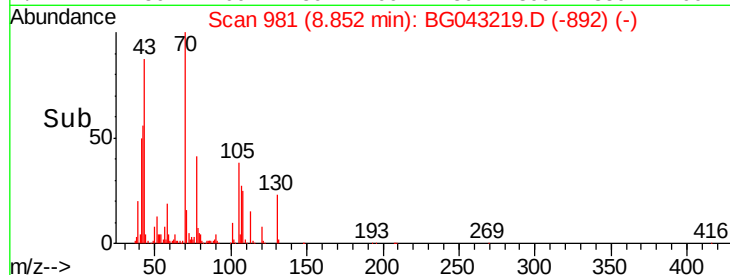
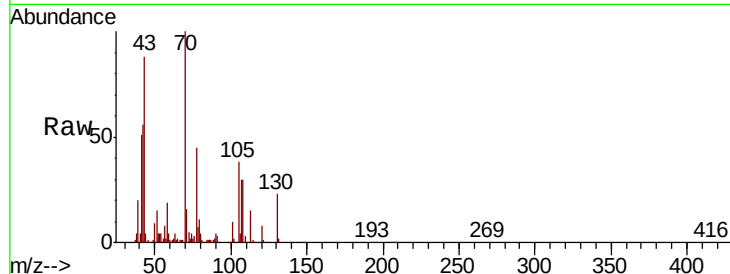
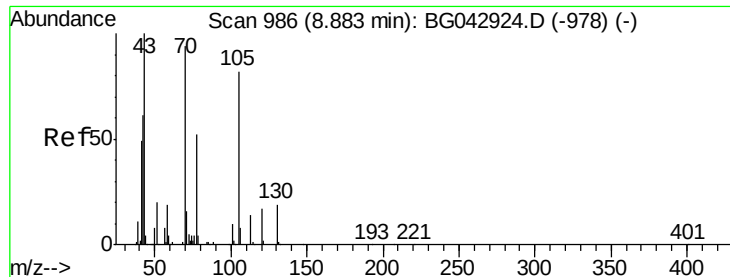
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#18
Hexachloroethane
Concen: 41.265 ng
RT: 9.13 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BG043219.D
Acq: 15 Oct 2019 15:20

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	94.0	74.6	111.8	
201	123.6	106.0	159.0	





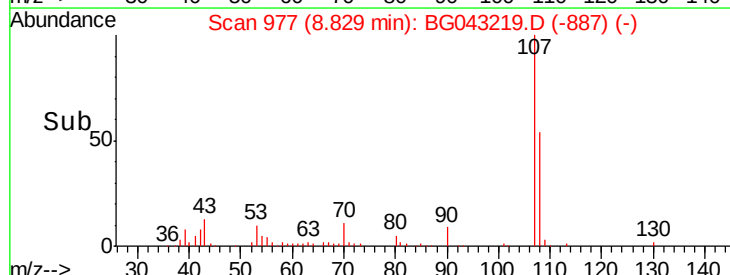
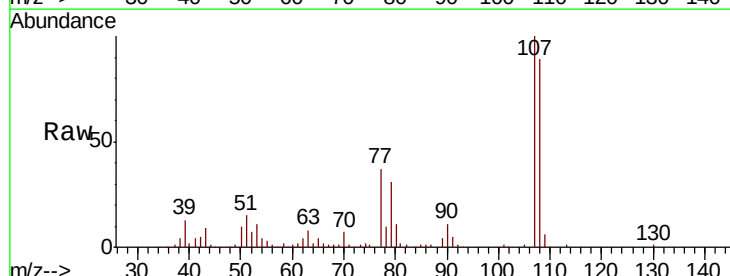
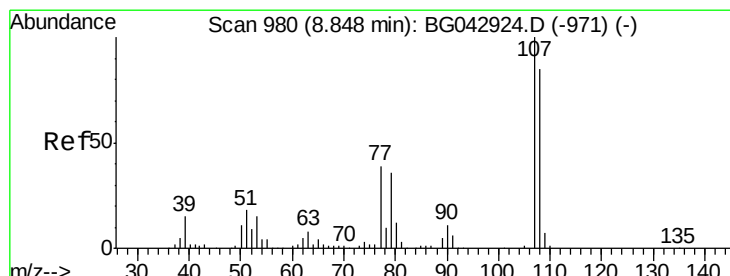
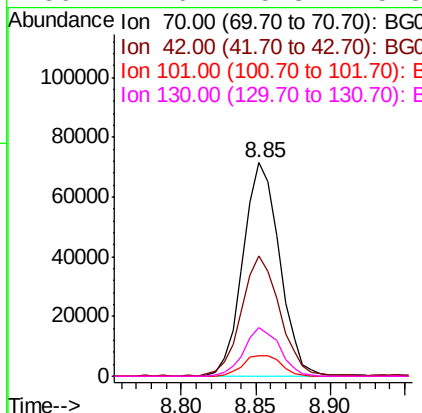
#19
n-Nitroso-di-n-propylamine
Concen: 42.192 ng
RT: 8.85 min Scan# 981
Delta R.T. -0.01 min
Lab File: BG043219.D
Acq: 15 Oct 2019 15:20

Instrument :
BNA_G
ClientSampleId :
20190879-COMPOSITE-KMSD

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	56.3	52.6	79.0	
101	9.7	8.7	13.1	
130	22.6	15.8	23.8	

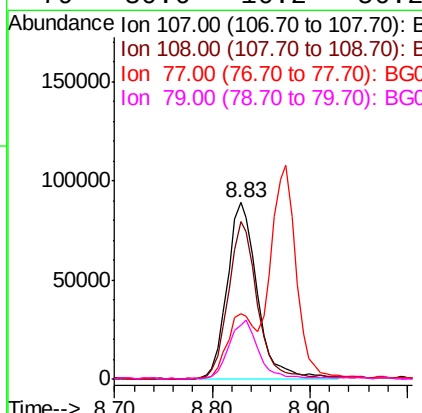
Manual Integrations
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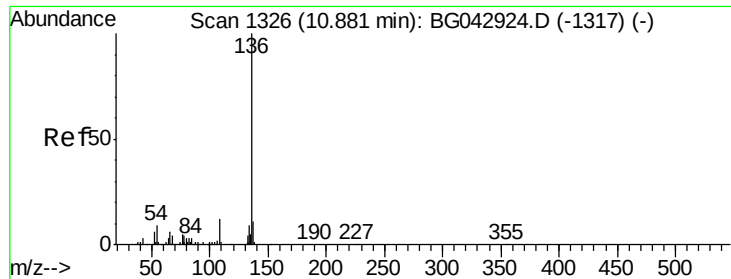
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#20
3+4-Methylphenols
Concen: 48.896 ng
RT: 8.83 min Scan# 977
Delta R.T. -0.00 min
Lab File: BG043219.D
Acq: 15 Oct 2019 15:20

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	89.3	64.9	104.9	
77	37.2	19.4	59.4	
79	30.6	16.2	56.2	





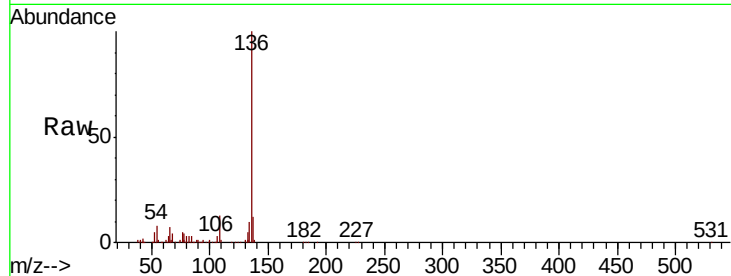
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BG043219.D
Acq: 15 Oct 2019 15:20

Instrument :
BNA_G
ClientSampleId :
20190879-COMPOSITE-KMSD

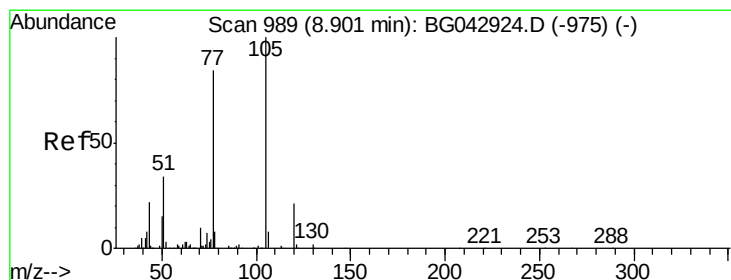
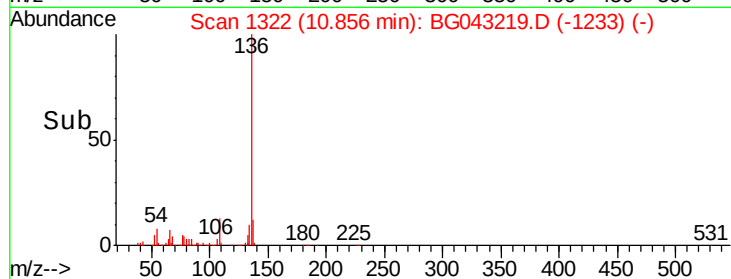
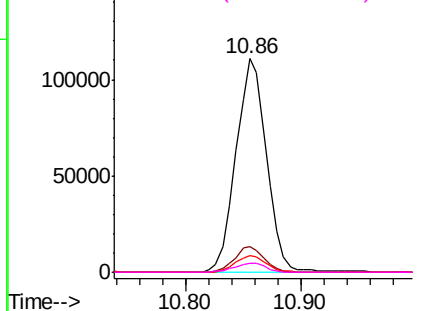
Tot Ion	Ratio	Resp	Lower	Upper
136	100	202702		
137	12.0		8.5	12.7
54	7.7		7.4	11.2
68	4.1		3.6	5.4

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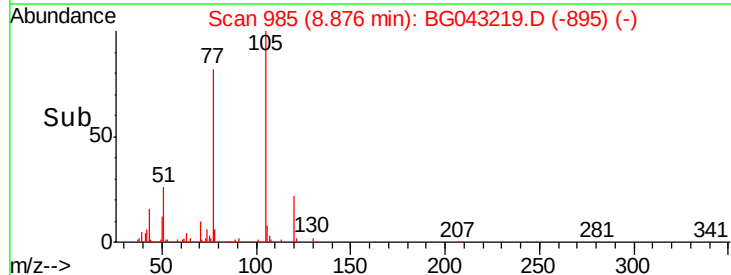
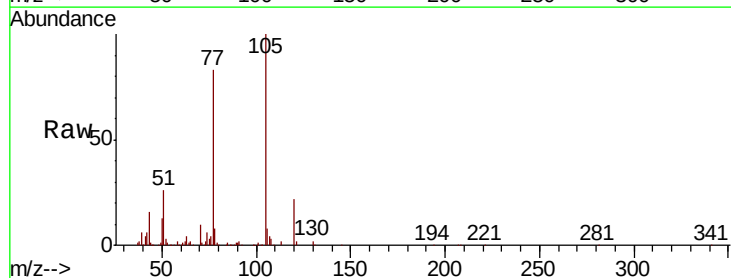
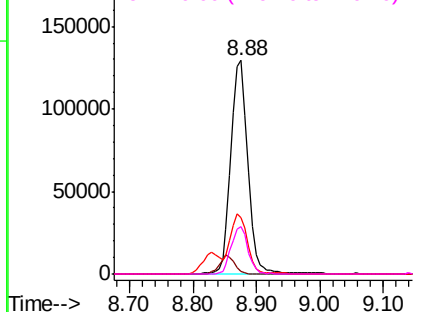
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

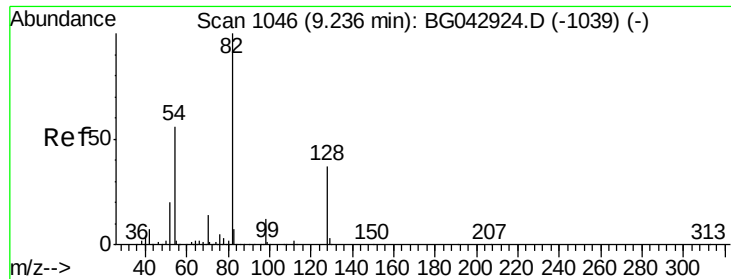


#22
Acetophenone
Concen: 45.930 ng
RT: 8.88 min Scan# 985
Delta R.T. -0.00 min
Lab File: BG043219.D
Acq: 15 Oct 2019 15:20

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	239984		
71	1.3		1.2	1.8
51	26.1		27.2	40.8#
120	22.1		16.9	25.3

Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BGC
Ion 51.00 (50.70 to 51.70): BGC
Ion 120.00 (119.70 to 120.70): E





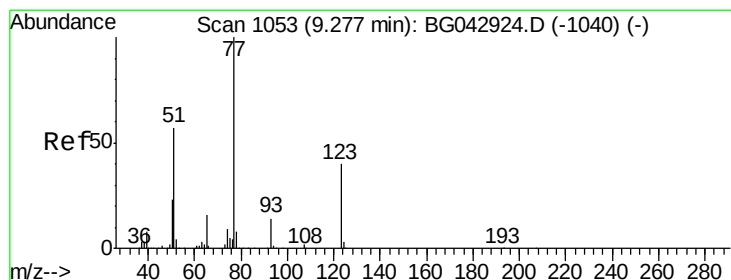
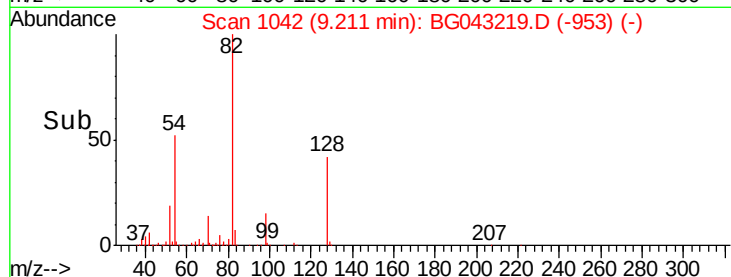
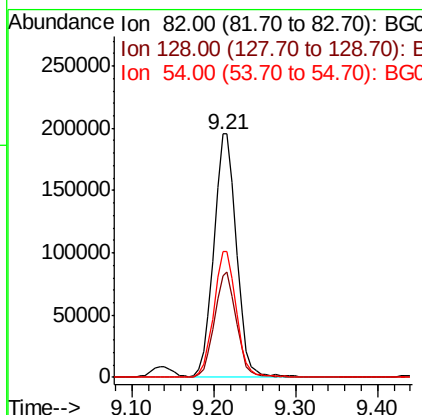
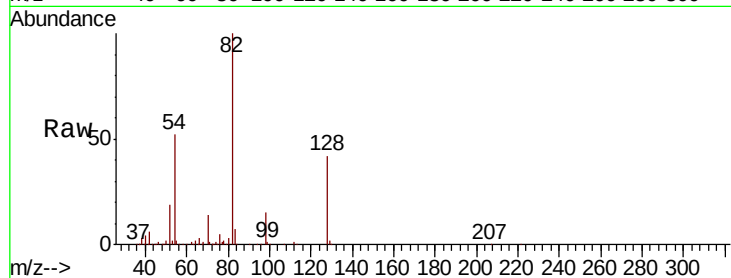
#23
 Nitrobenzene-d5
 Concen: 90.246 ng
 RT: 9.21 min Scan# 1042
 Delta R.T. -0.01 min
 Lab File: BG043219.D
 Acq: 15 Oct 2019 15:20

Instrument :
 BNA_G
 ClientSampleId :
 20190879-COMPOSITE-KMSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	41.7	29.5	44.3
54	51.6	44.6	67.0

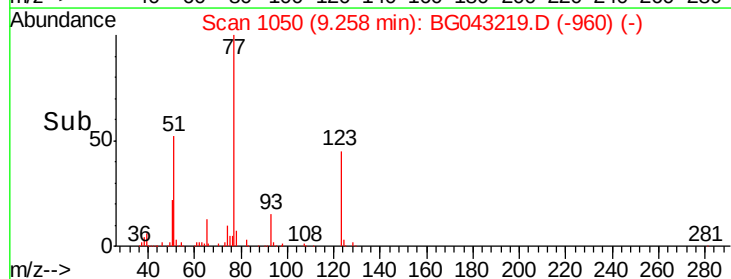
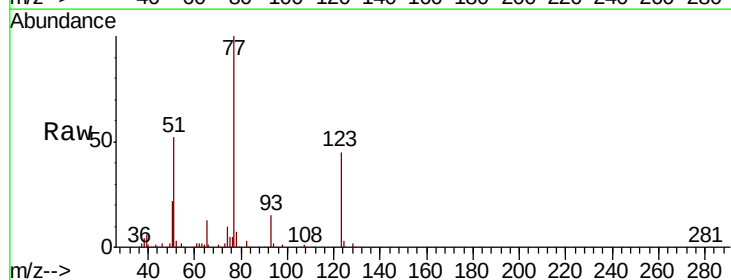
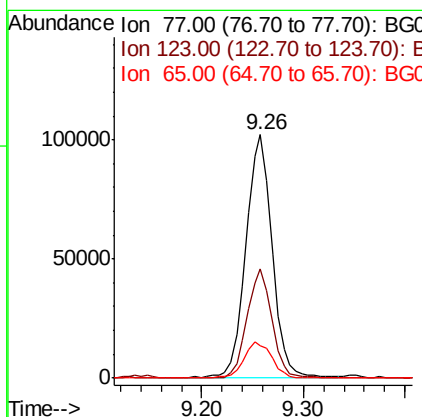
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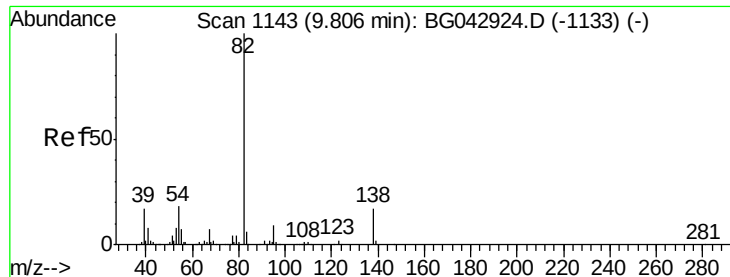
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#24
 Nitrobenzene
 Concen: 45.665 ng
 RT: 9.26 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: BG043219.D
 Acq: 15 Oct 2019 15:20

Tgt Ion	Ratio	Lower	Upper
77	100		
123	45.1	31.9	47.9
65	13.3	12.4	18.6





#25

Isophorone

Concen: 46.707 ng

RT: 9.77 min Scan# 1138

Delta R.T. -0.01 min

Lab File: BG043219.D

Acq: 15 Oct 2019 15:20

Instrument :

BNA_G

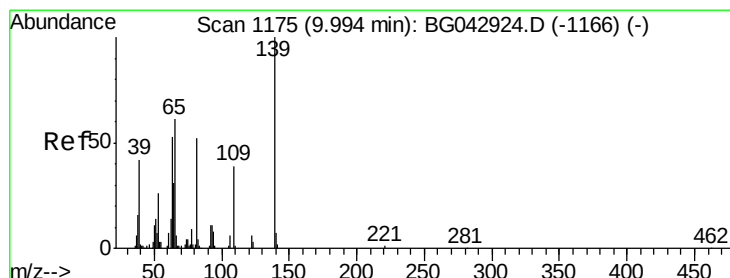
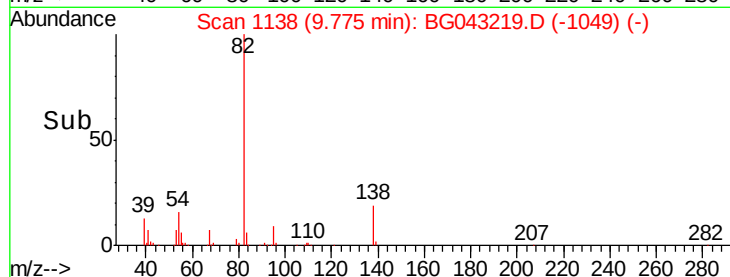
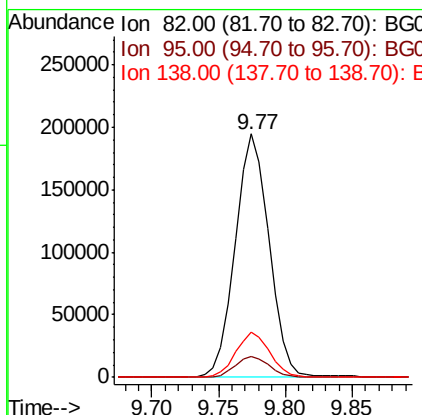
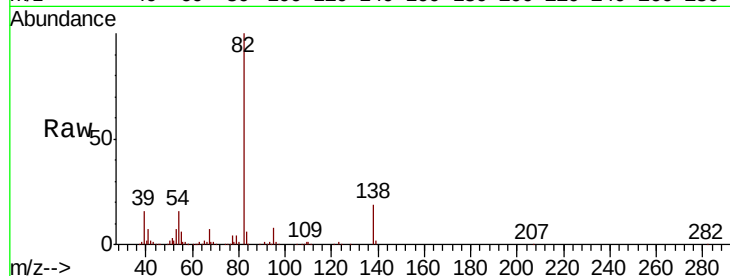
ClientSampleId :

20190879-COMPOSITE-KMSD

Tot Ion:	82	Resp:	342147
Ion Ratio		Lower	Upper
82	100		
95	8.5	7.0	10.4
138	18.7	13.8	20.6

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#26

2-Nitrophenol

Concen: 55.526 ng

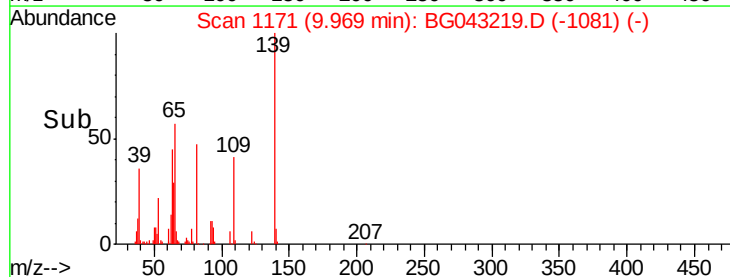
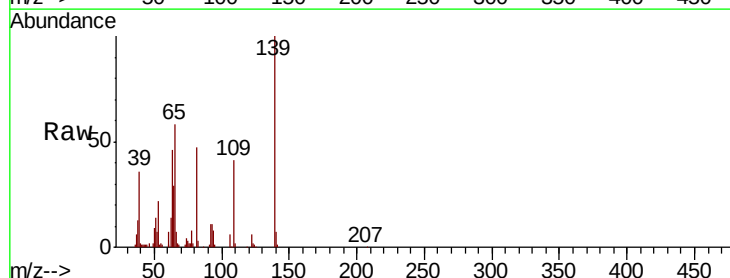
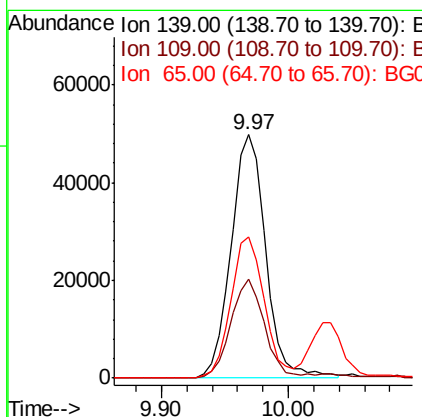
RT: 9.97 min Scan# 1171

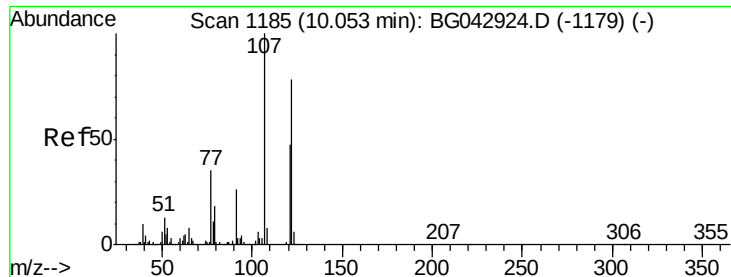
Delta R.T. -0.00 min

Lab File: BG043219.D

Acq: 15 Oct 2019 15:20

Tgt Ion:	139	Resp:	94028
Ion Ratio		Lower	Upper
139	100		
109	40.6	31.0	46.6
65	57.9	48.4	72.6





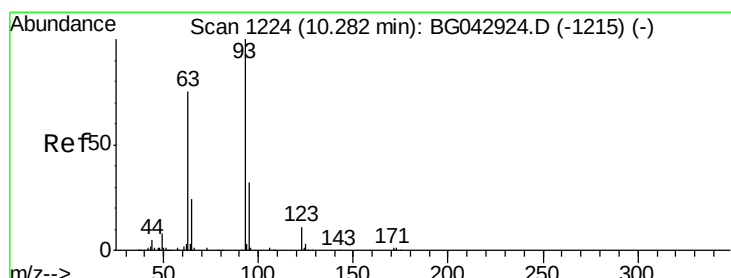
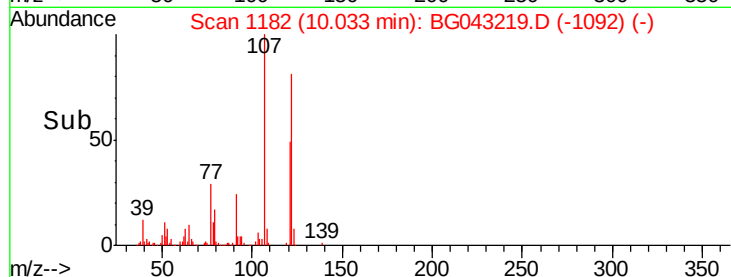
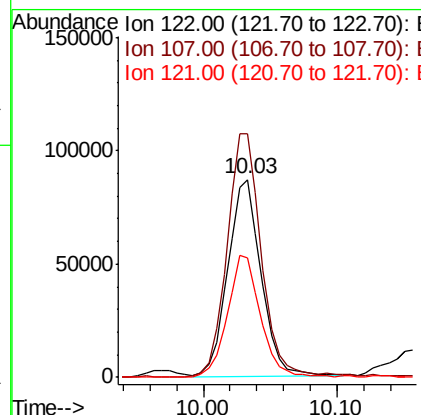
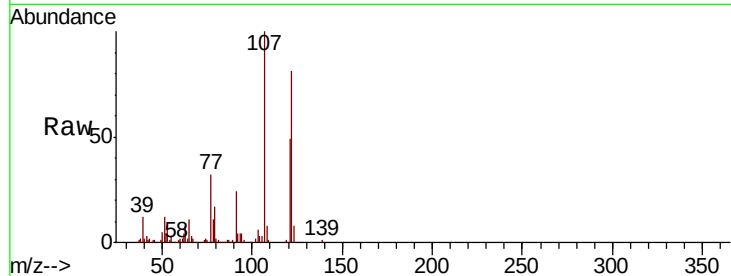
#27
 2,4-Dimethylphenol
 Concen: 58.537 ng
 RT: 10.03 min Scan# 1182
 Delta R.T. -0.00 min
 Lab File: BG043219.D
 Acq: 15 Oct 2019 15:20

Instrument :
 BNA_G
 ClientSampleId :
 20190879-COMPOSITE-KMSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	152231		
107	123.2	102.2	153.2	
121	60.6	48.5	72.7	

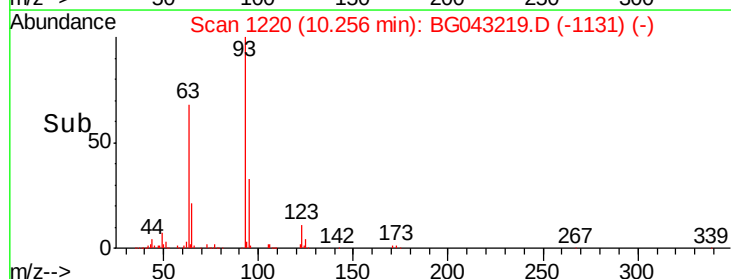
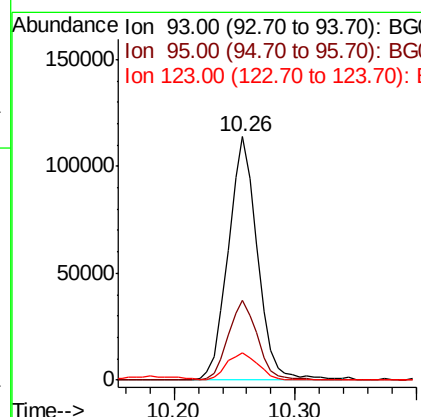
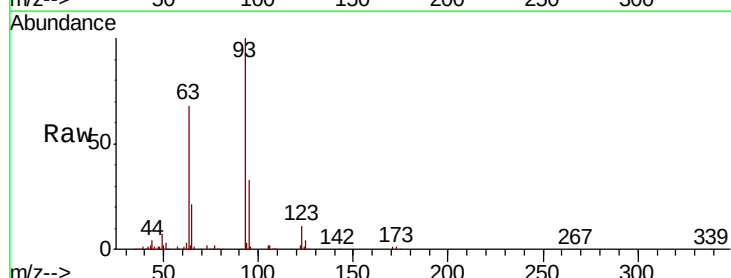
Manual Integrations
 APPROVED

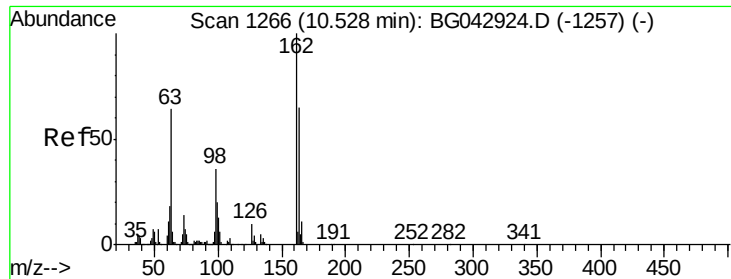
mohammad
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#28
 bis(2-Chloroethoxy)methane
 Concen: 45.819 ng
 RT: 10.26 min Scan# 1220
 Delta R.T. -0.01 min
 Lab File: BG043219.D
 Acq: 15 Oct 2019 15:20

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	190431		
95	32.8	25.4	38.0	
123	11.1	9.3	13.9	





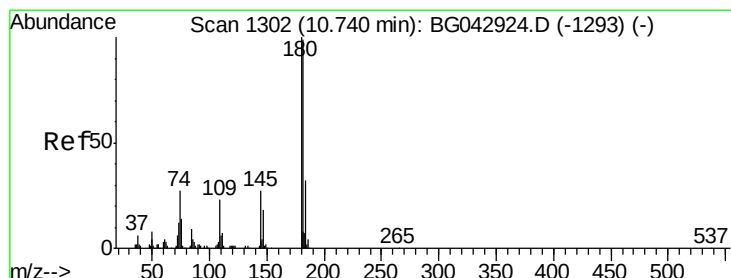
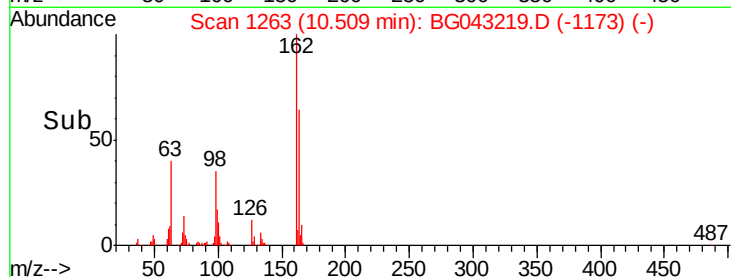
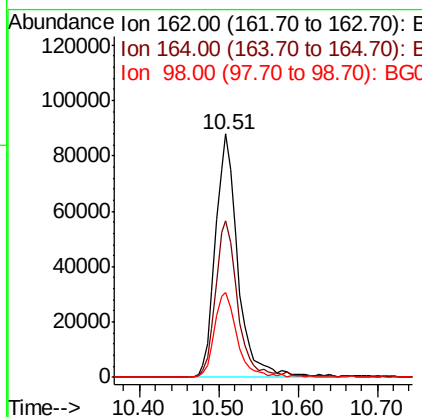
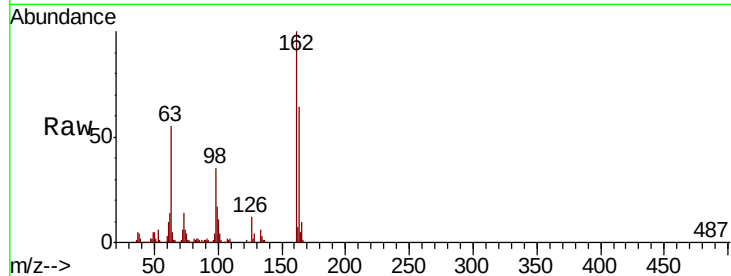
#29
 2,4-Dichlorophenol
 Concen: 53.567 ng
 RT: 10.51 min Scan# 1263
 Delta R.T. -0.00 min
 Lab File: BG043219.D
 Acq: 15 Oct 2019 15:20

Instrument :
 BNA_G
 ClientSampleId :
 20190879-COMPOSITE-KMSD

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.5	44.7	84.7
98	34.7	16.0	56.0

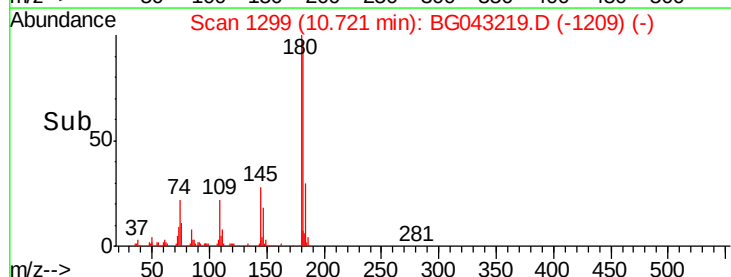
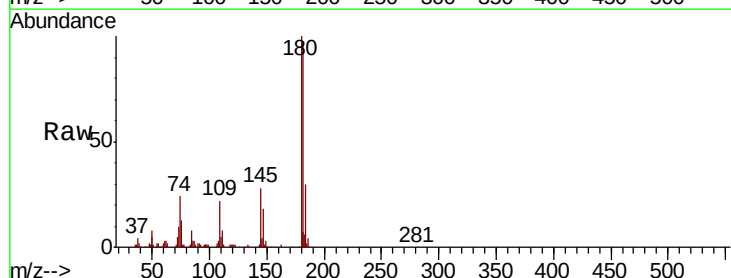
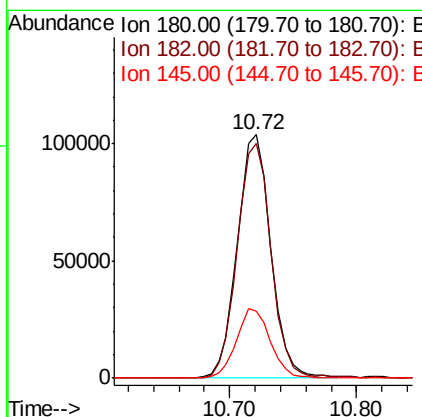
Manual Integrations
 APPROVED

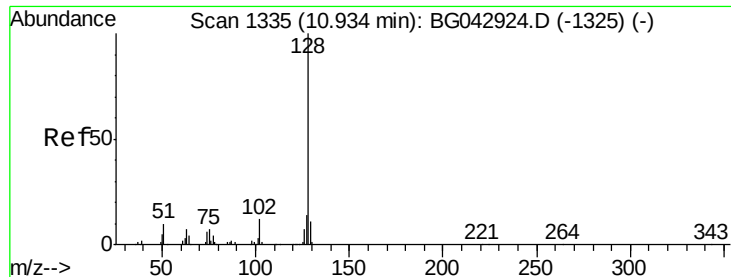
mohammad
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#30
 1,2,4-Trichlorobenzene
 Concen: 45.580 ng
 RT: 10.72 min Scan# 1299
 Delta R.T. -0.00 min
 Lab File: BG043219.D
 Acq: 15 Oct 2019 15:20

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.6	79.3	118.9
145	27.8	22.0	33.0





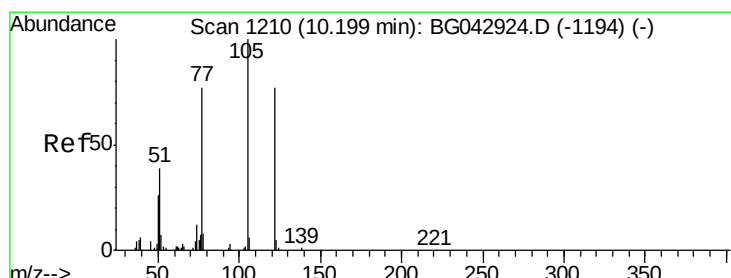
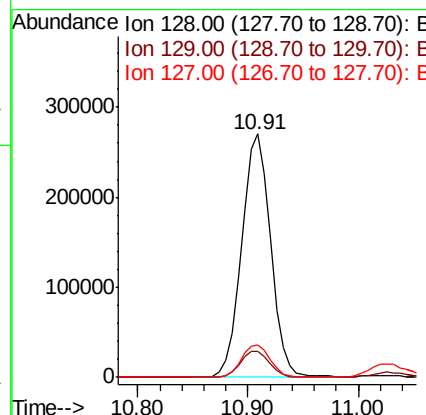
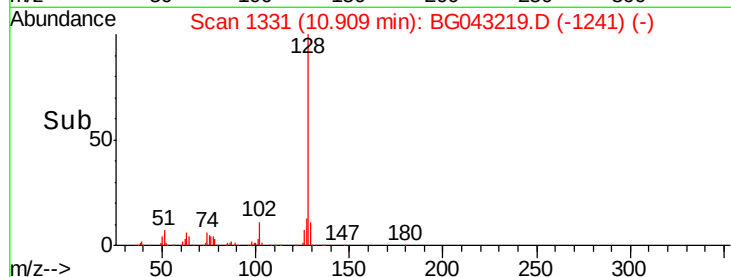
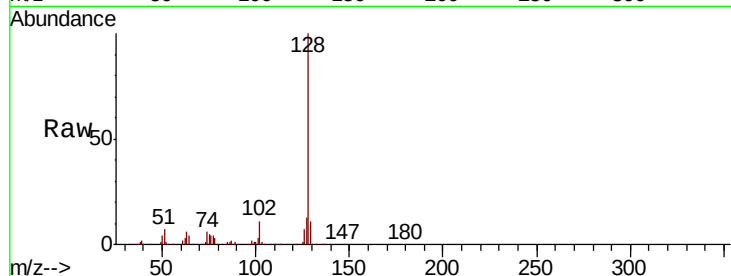
#31
Naphthalene
Concen: 49.882 ng
RT: 10.91 min Scan# 1331
Delta R.T. -0.00 min
Lab File: BG043219.D
Acq: 15 Oct 2019 15:20

Instrument :
BNA_G
ClientSampleId :
20190879-COMPOSITE-KMSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.8	13.2
127	13.2	11.3	16.9

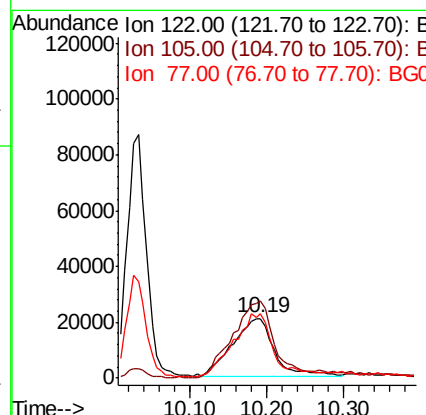
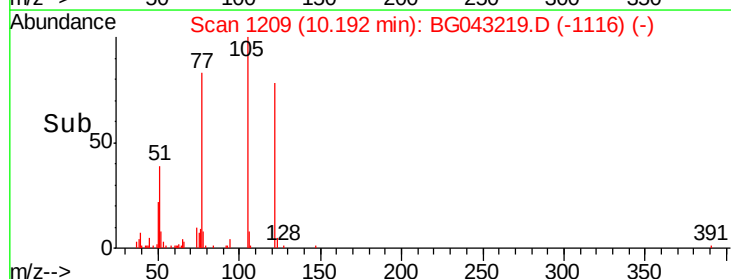
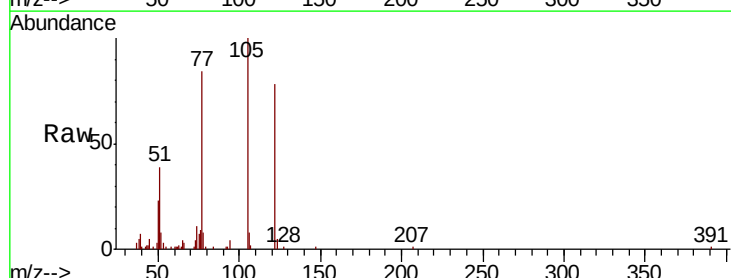
Manual Integrations
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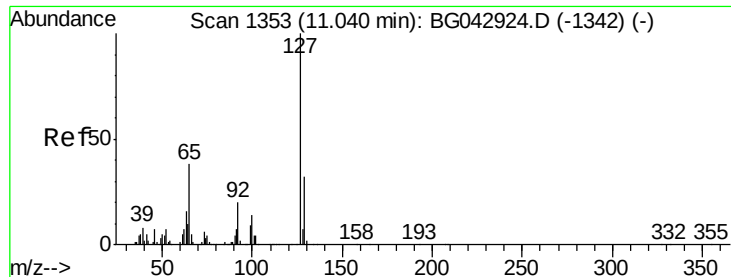
mohammad
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#32
Benzoic acid
Concen: 40.046 ng
RT: 10.19 min Scan# 1209
Delta R.T. 0.02 min
Lab File: BG043219.D
Acq: 15 Oct 2019 15:20

Tgt Ion	Ratio	Lower	Upper
122	100		
105	128.6	107.5	147.5
77	108.5	79.8	119.8





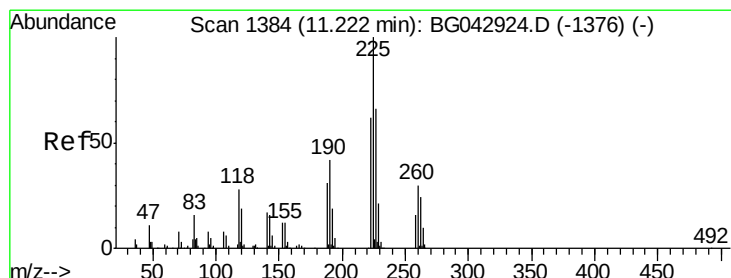
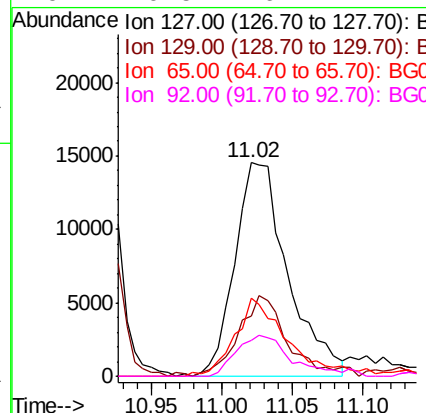
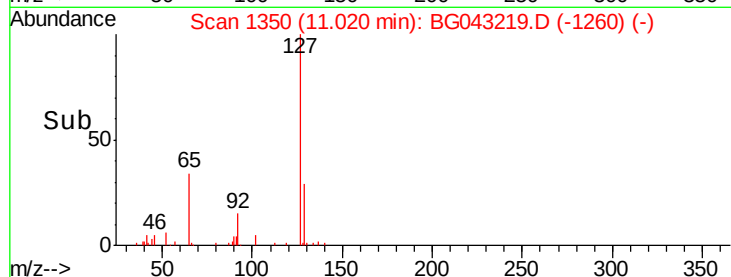
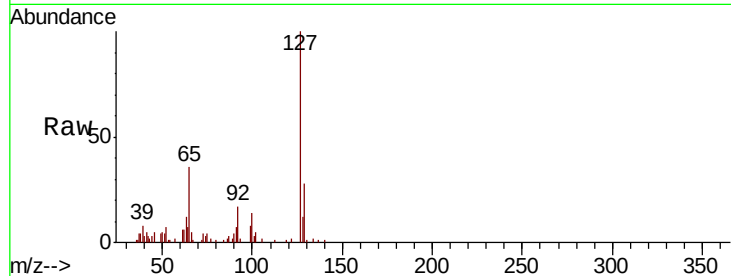
#33
4-Chloroaniline
Concen: 8.828 ng
RT: 11.02 min Scan# 1350
Delta R.T. -0.00 min
Lab File: BG043219.D
Acq: 15 Oct 2019 15:20

Instrument :
BNA_G
ClientSampleId :
20190879-COMPOSITE-KMSD

Tot Ion	Ratio	Lower	Upper
127	100		
129	28.1	26.2	39.2
65	36.3	30.6	45.8
92	16.5	16.2	24.4

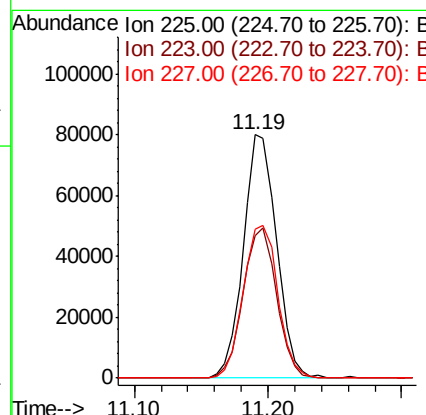
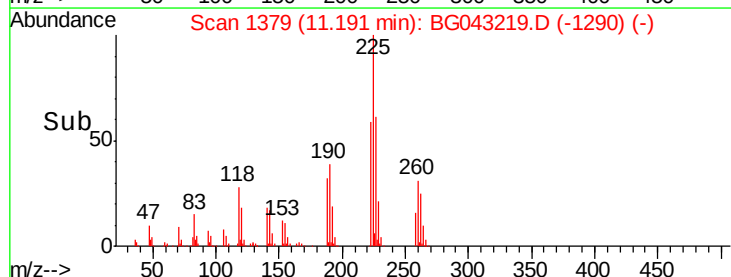
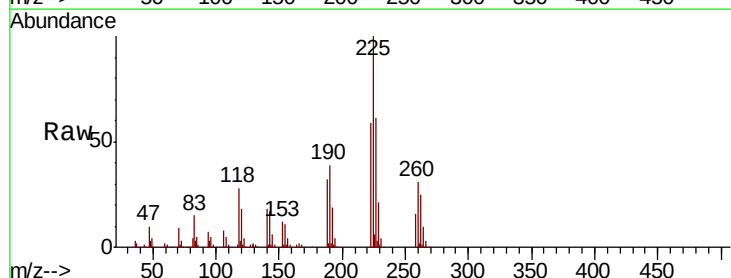
Manual Integrations
APPROVED

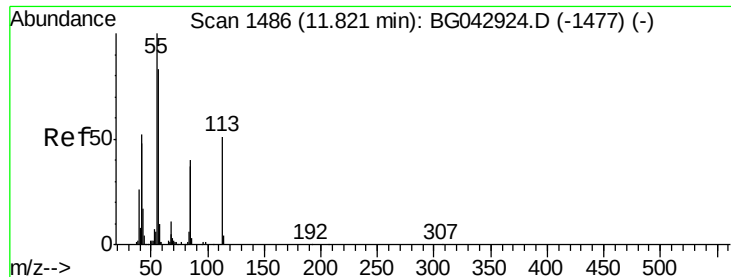
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#34
Hexachlorobutadiene
Concen: 43.960 ng
RT: 11.19 min Scan# 1379
Delta R.T. -0.01 min
Lab File: BG043219.D
Acq: 15 Oct 2019 15:20

Tgt Ion	Ratio	Lower	Upper
225	100		
223	58.7	49.3	73.9
227	61.3	52.8	79.2





#35

Caprolactam

Concen: 49.594 ng/ml

RT: 11.80 min Scan# 1482

Delta R.T. -0.00 min

Lab File: BG043219.D

Acq: 15 Oct 2019 15:20

Instrument :

BNA_G

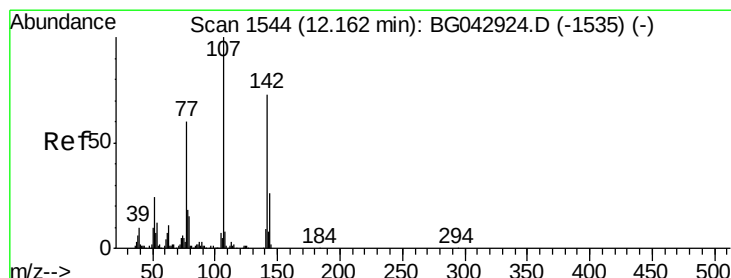
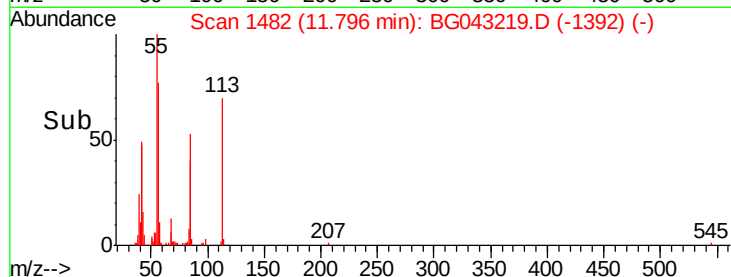
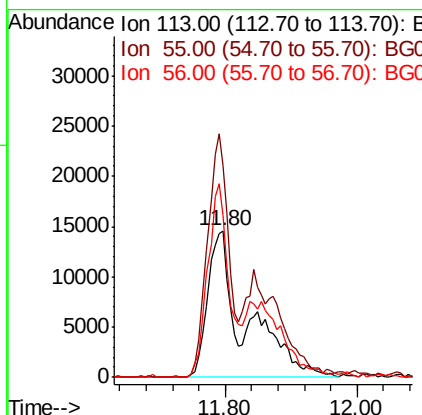
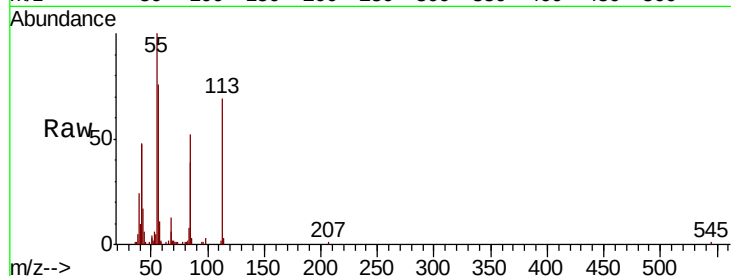
ClientSampleId :

20190879-COMPOSITE-KMSD

Tot Ion:	113	Resp:	56566
Ion Ratio	Lower	Upper	
113	100		
55	144.3	175.5	215.5#
56	109.9	142.3	182.3#

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#36

4-Chloro-3-methylphenol

Concen: 53.032 ng/ml

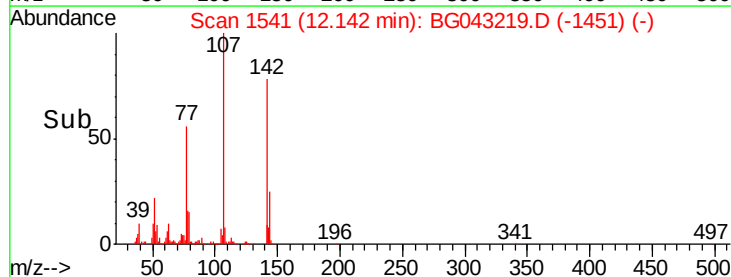
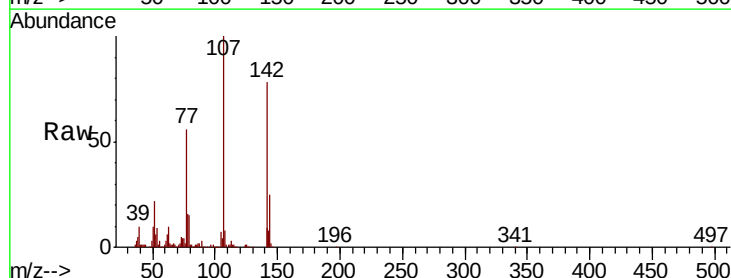
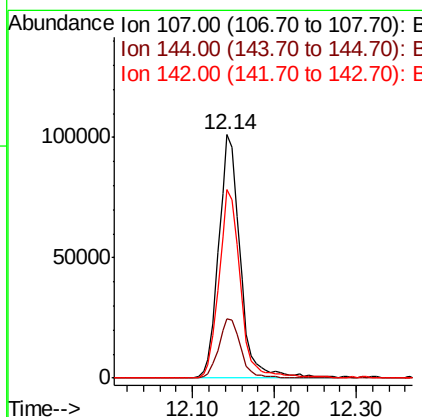
RT: 12.14 min Scan# 1541

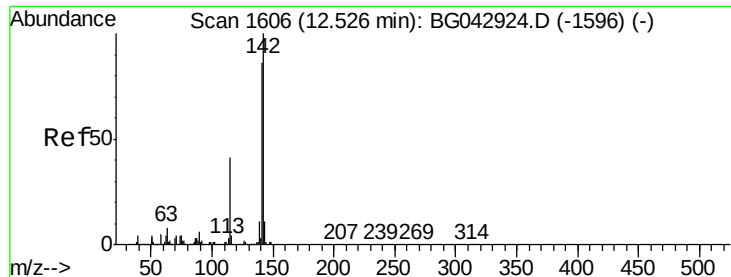
Delta R.T. -0.00 min

Lab File: BG043219.D

Acq: 15 Oct 2019 15:20

Tgt Ion:	107	Resp:	186494
Ion Ratio	Lower	Upper	
107	100		
144	24.6	20.7	31.1
142	77.5	58.6	87.8





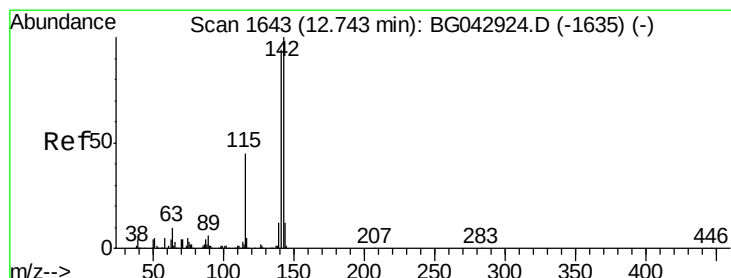
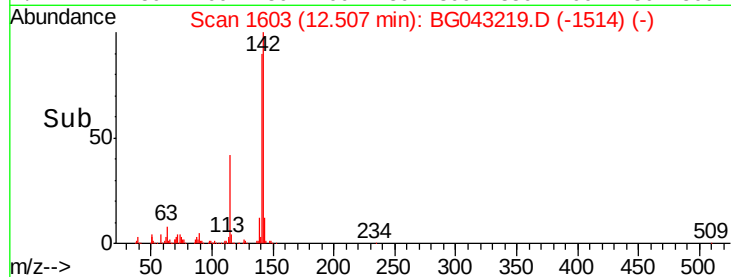
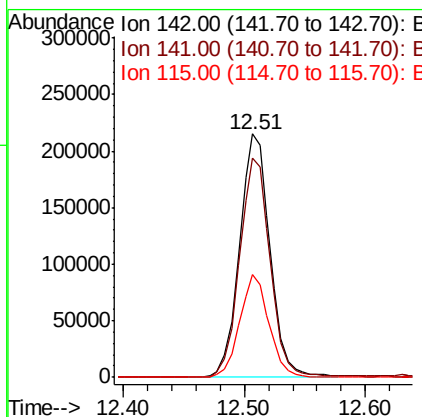
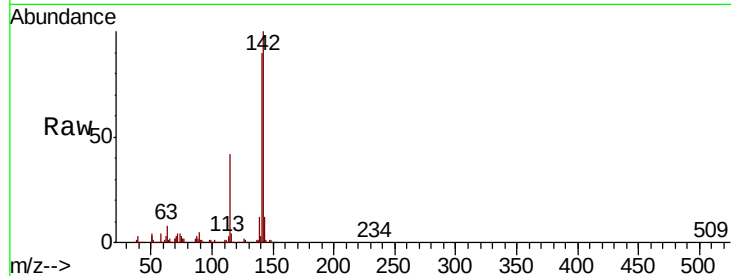
#37
2-Methylnaphthalene
Concen: 49.556 ng
RT: 12.51 min Scan# 1603
Delta R.T. -0.01 min
Lab File: BG043219.D
Acq: 15 Oct 2019 15:20

Instrument :
BNA_G
ClientSampleId :
20190879-COMPOSITE-KMSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.1	69.0	103.4
115	42.4	32.8	49.2

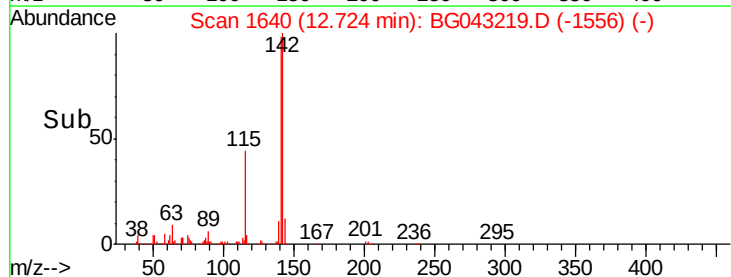
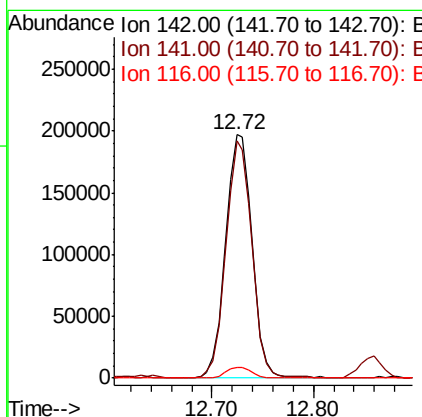
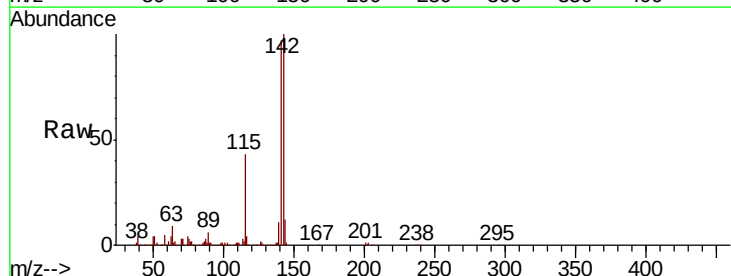
Manual Integrations
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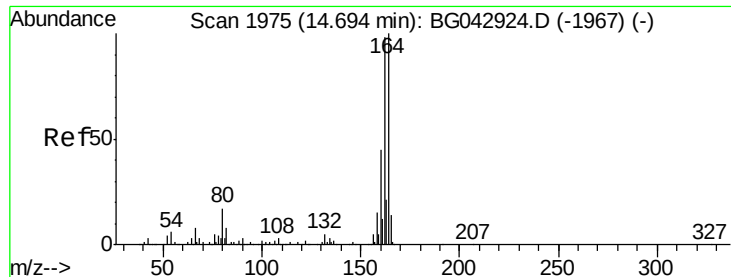
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#38
1-Methylnaphthalene
Concen: 49.298 ng
RT: 12.72 min Scan# 1640
Delta R.T. -0.01 min
Lab File: BG043219.D
Acq: 15 Oct 2019 15:20

Tgt Ion	Ratio	Lower	Upper
142	100		
141	97.3	74.9	112.3
116	4.3	3.7	5.5





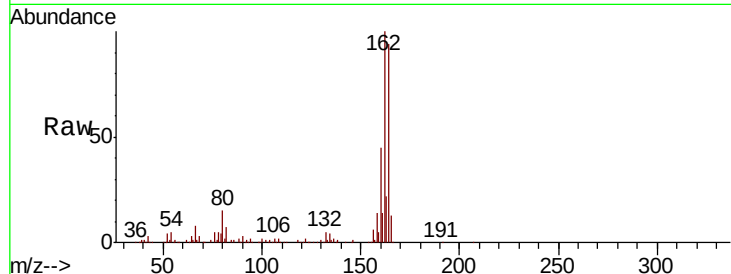
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1973
Delta R.T. -0.00 min
Lab File: BG043219.D
Acq: 15 Oct 2019 15:20

Instrument :
BNA_G
ClientSampleId :
20190879-COMPOSITE-KMSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	106.0	78.5	117.7
160	47.2	35.9	53.9

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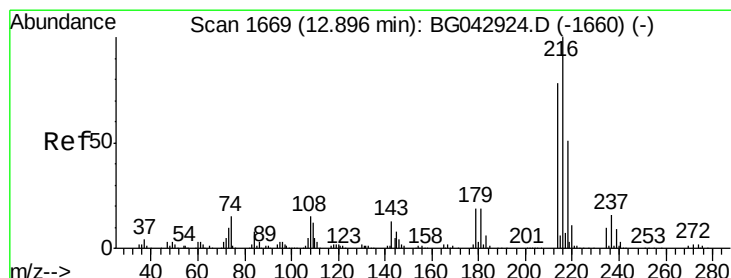
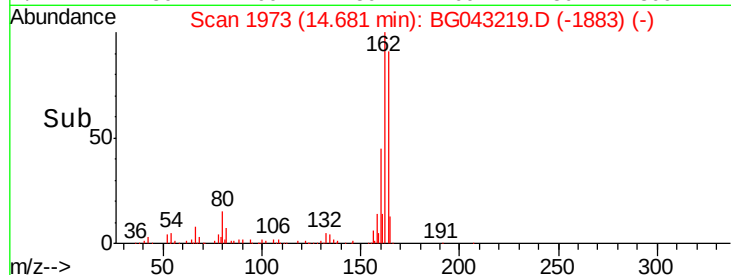
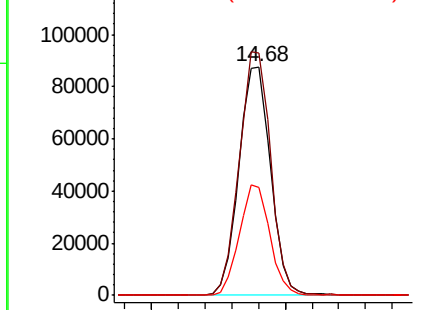


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.565 ng
RT: 12.88 min Scan# 1666
Delta R.T. -0.00 min
Lab File: BG043219.D
Acq: 15 Oct 2019 15:20

Tgt Ion	Ratio	Lower	Upper
216	100		
214	77.3	62.4	93.6
179	19.2	15.4	23.2
108	15.9	12.6	19.0

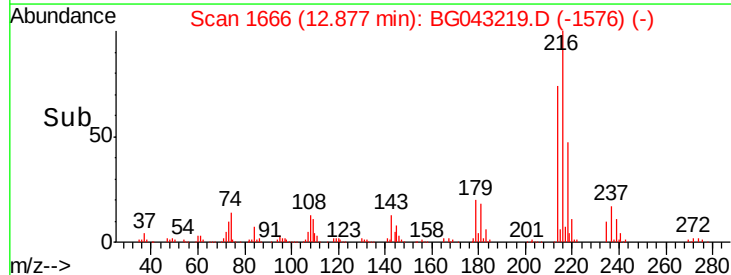
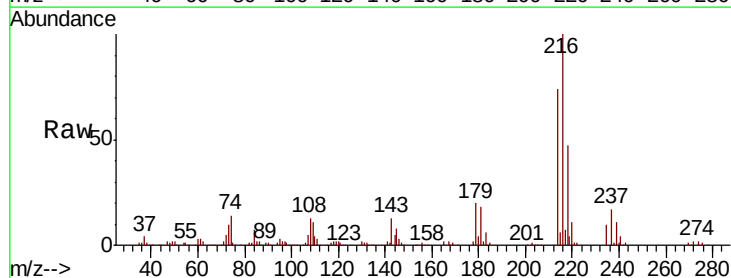
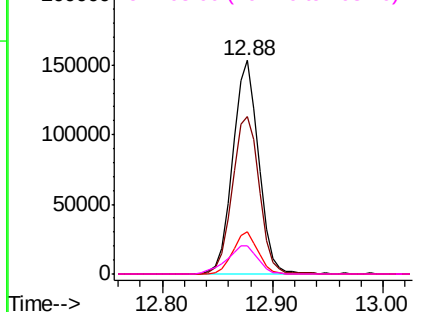
Abundance

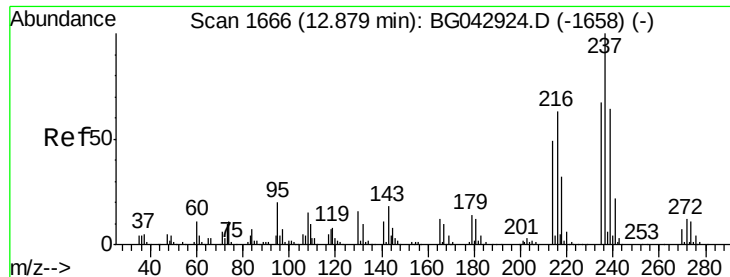
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





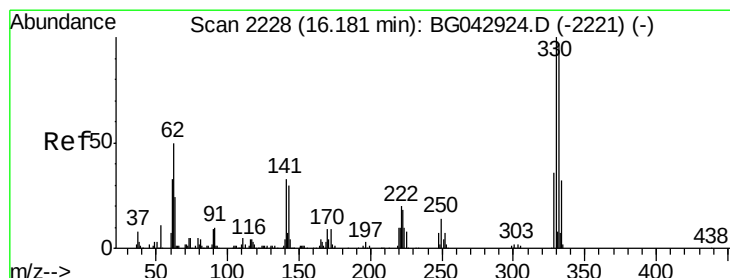
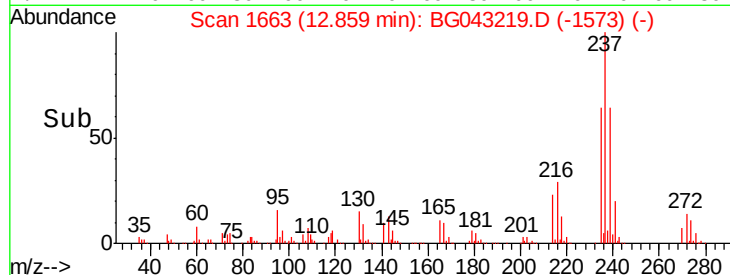
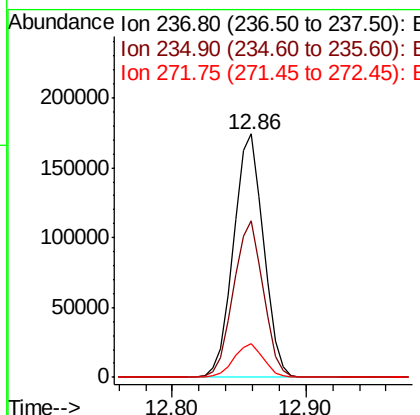
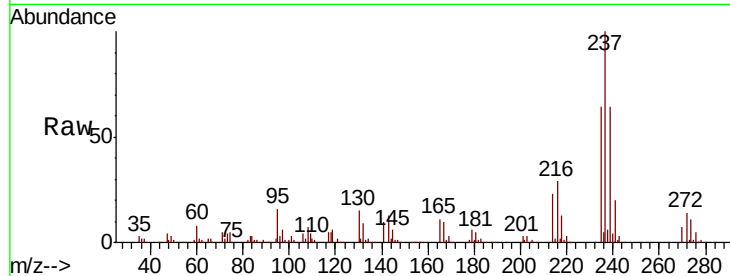
#41
Hexachlorocyclopentadiene
Concen: 79.022 ng
RT: 12.86 min Scan# 1663
Delta R.T. -0.00 min
Lab File: BG043219.D
Acq: 15 Oct 2019 15:20

Instrument :
BNA_G
ClientSampleId :
20190879-COMPOSITE-KMSD

Tot Ion	Ratio	Resp	Lower	Upper
237	100	271843		
235	64.2	46.7	86.7	
272	13.6	0.0	32.3	

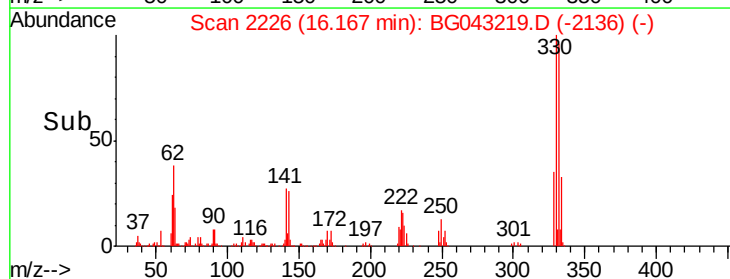
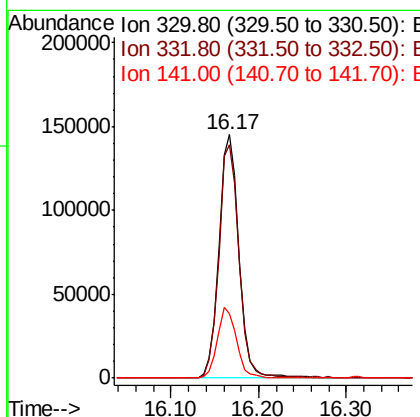
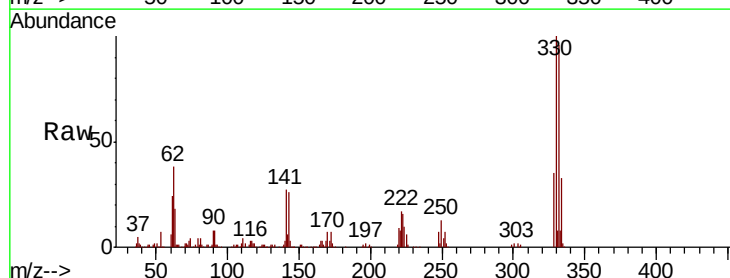
Manual Integrations
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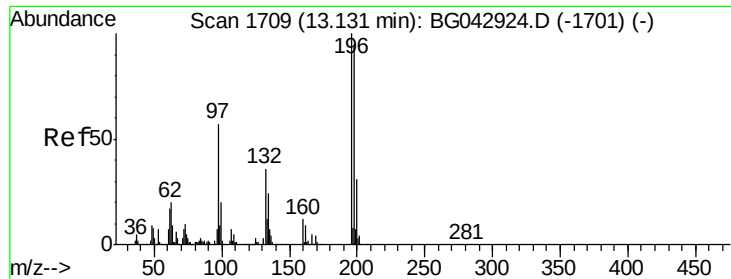
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#42
2,4,6-Tribromophenol
Concen: 93.291 ng
RT: 16.17 min Scan# 2226
Delta R.T. -0.00 min
Lab File: BG043219.D
Acq: 15 Oct 2019 15:20

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	230360		
332	96.3	78.2	117.2	
141	28.3	26.0	39.0	





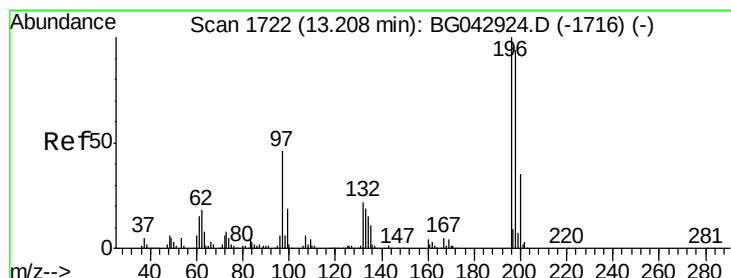
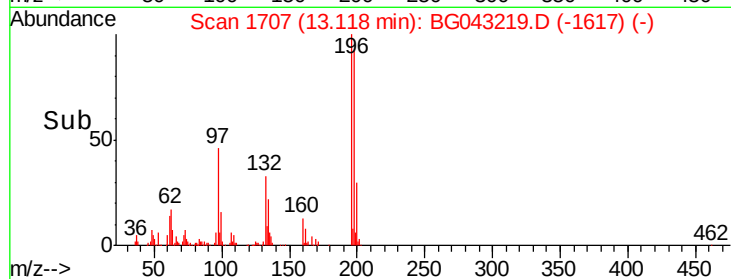
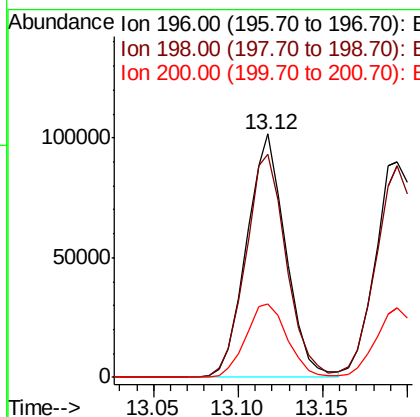
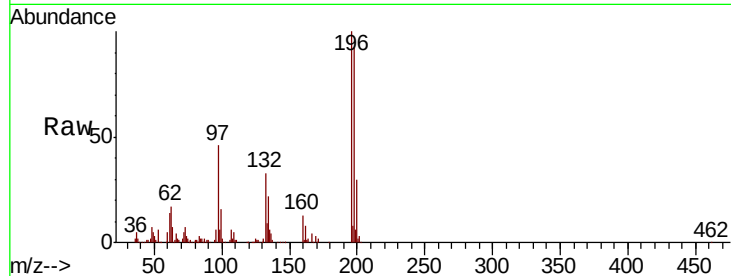
#43
 2,4,6-Trichlorophenol
 Concen: 51.596 ng
 RT: 13.12 min Scan# 1707
 Delta R.T. -0.00 min
 Lab File: BG043219.D
 Acq: 15 Oct 2019 15:20

Instrument :
 BNA_G
 ClientSampleId :
 20190879-COMPOSITE-KMSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	163052		
198	91.8	75.5	113.3	
200	30.1	24.9	37.3	

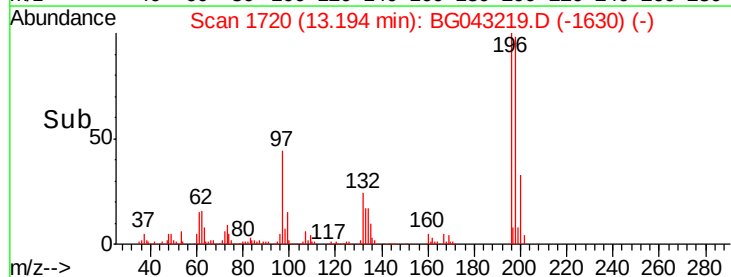
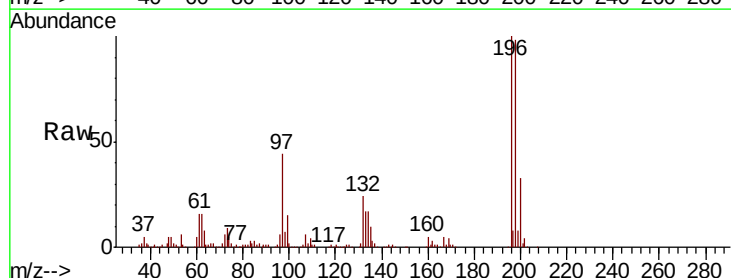
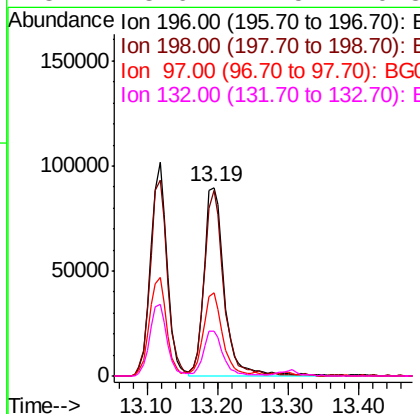
Manual Integrations
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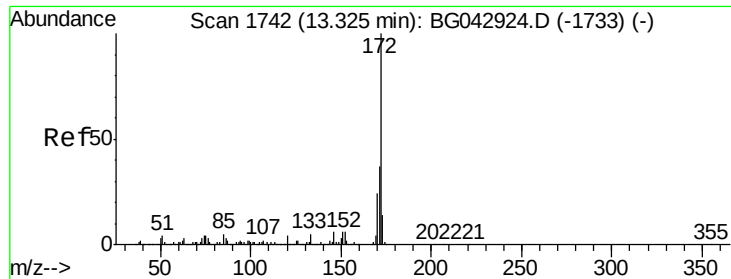
mohammad
 10/17/2019 7:57:24 AM



#44
 2,4,5-Trichlorophenol
 Concen: 54.886 ng
 RT: 13.19 min Scan# 1720
 Delta R.T. -0.00 min
 Lab File: BG043219.D
 Acq: 15 Oct 2019 15:20

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	178680		
198	98.4	75.1	112.7	
97	44.0	37.0	55.4	
132	23.6	17.5	26.3	





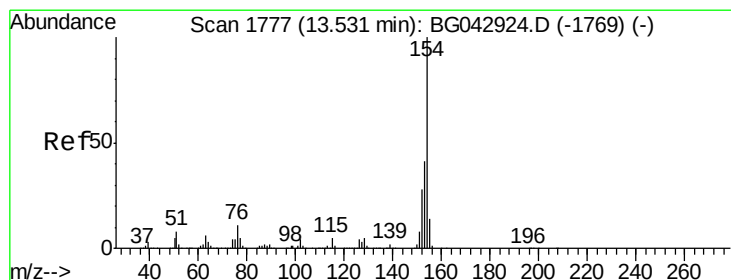
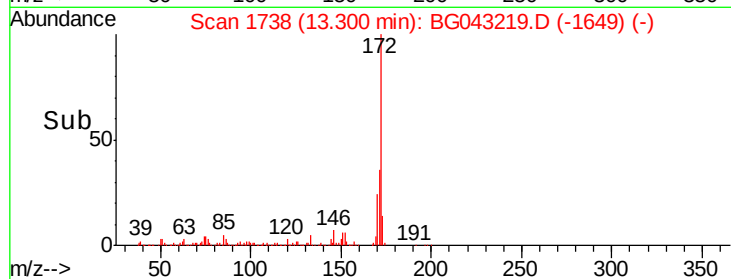
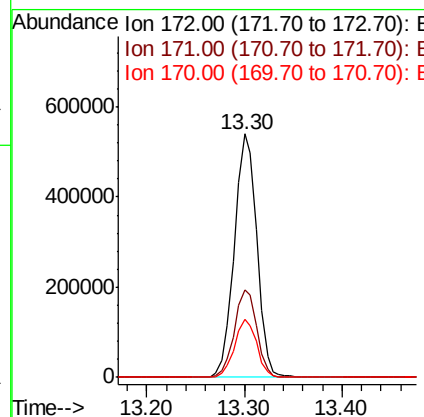
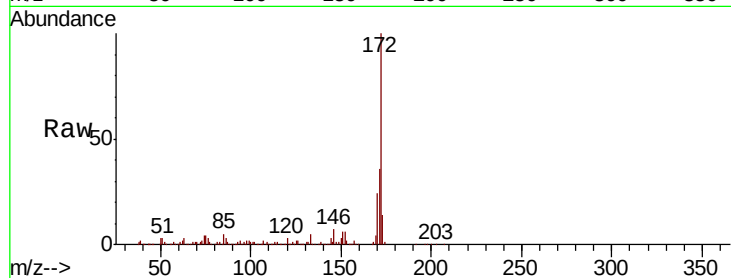
#45
2-Fluorobiphenyl
Concen: 87.226 ng
RT: 13.30 min Scan# 1738
Delta R.T. -0.01 min
Lab File: BG043219.D
Acq: 15 Oct 2019 15:20

Instrument :
BNA_G
ClientSampleId :
20190879-COMPOSITE-KMSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.6	44.4
170	24.0	19.6	29.4

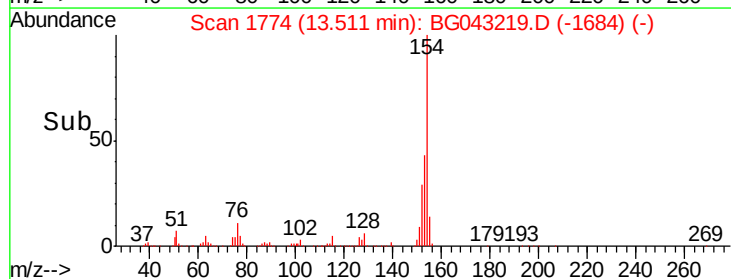
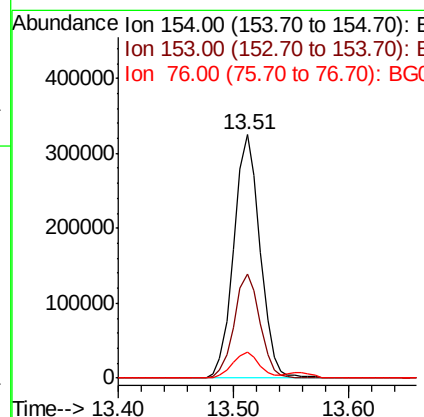
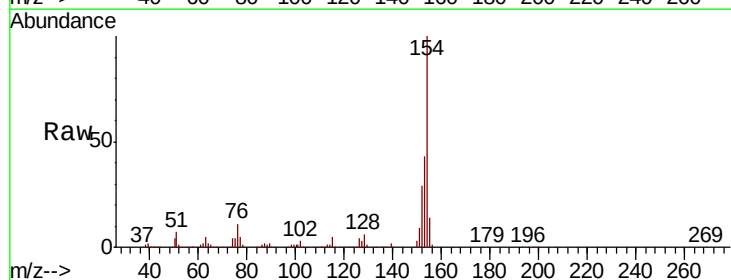
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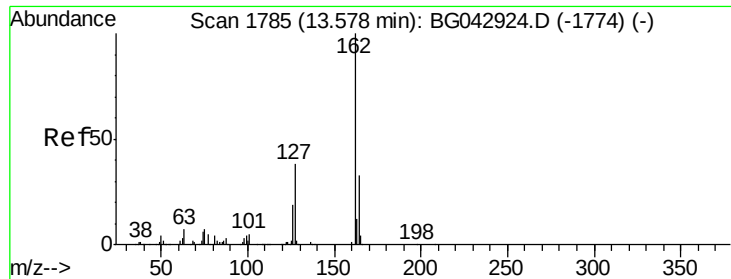
mohammad
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#46
1,1'-Biphenyl
Concen: 47.116 ng
RT: 13.51 min Scan# 1774
Delta R.T. -0.00 min
Lab File: BG043219.D
Acq: 15 Oct 2019 15:20

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.5	21.4	61.4
76	10.5	0.0	31.3





#47

2-Chloronaphthalene

Concen: 49.756 ng

RT: 13.56 min Scan# 1782

Delta R.T. -0.00 min

Lab File: BG043219.D

Acq: 15 Oct 2019 15:20

Instrument :

BNA_G

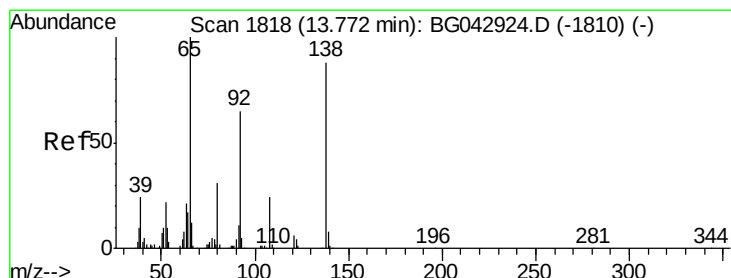
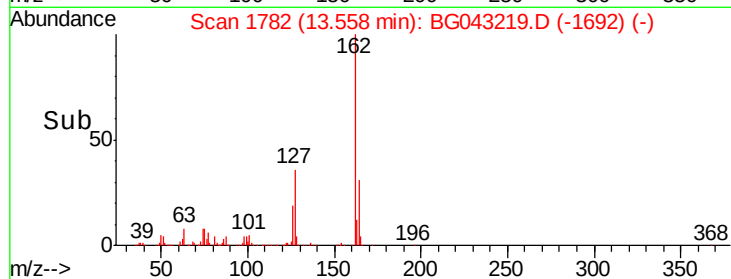
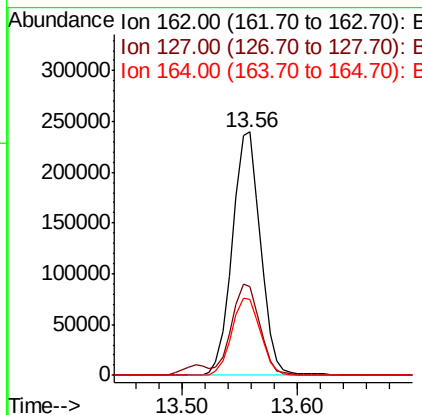
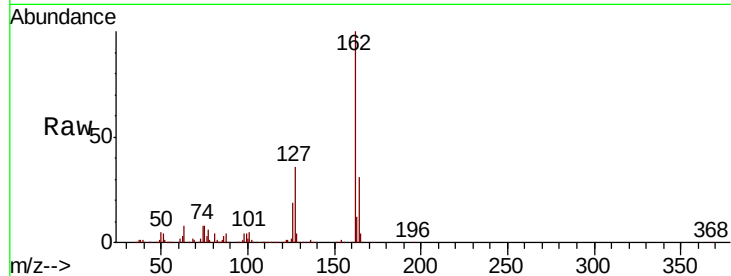
ClientSampleId :

20190879-COMPOSITE-KMSD

Tot Ion:	162	Resp:	406231
Ion Ratio	Lower	Upper	
162	100		
127	36.5	31.0	46.6
164	31.4	26.2	39.2

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#48

2-Nitroaniline

Concen: 45.411 ng

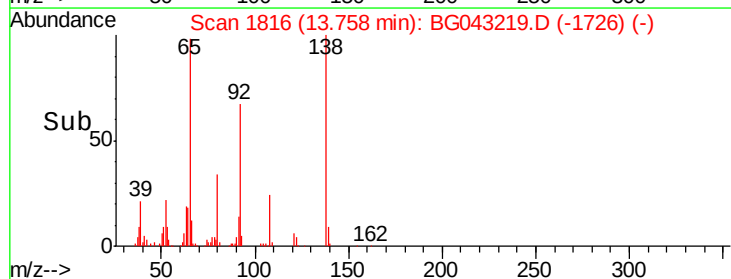
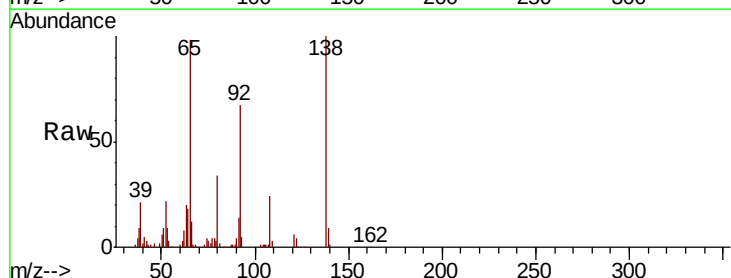
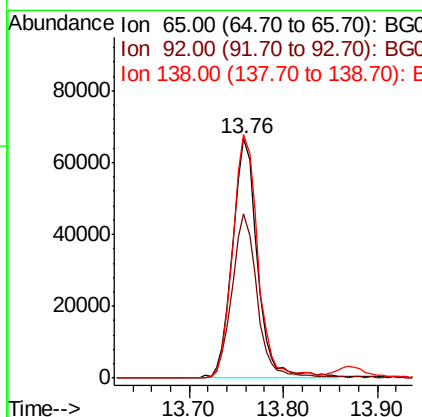
RT: 13.76 min Scan# 1816

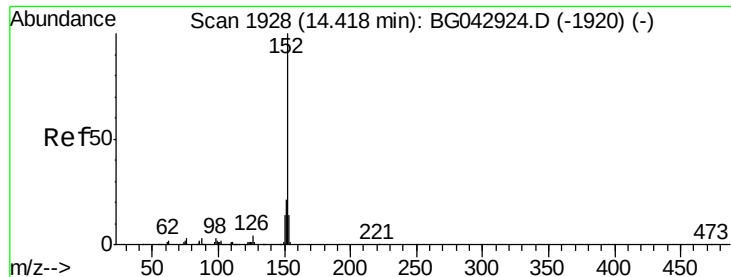
Delta R.T. -0.00 min

Lab File: BG043219.D

Acq: 15 Oct 2019 15:20

Tgt Ion:	65	Resp:	123295
Ion Ratio	Lower	Upper	
65	100		
92	68.4	52.0	78.0
138	101.7	70.4	105.6





#49

Acenaphthylene

Concen: 51.702 ng

RT: 14.40 min Scan# 1925

Delta R.T. -0.00 min

Lab File: BG043219.D

Acq: 15 Oct 2019 15:20

Instrument :

BNA_G

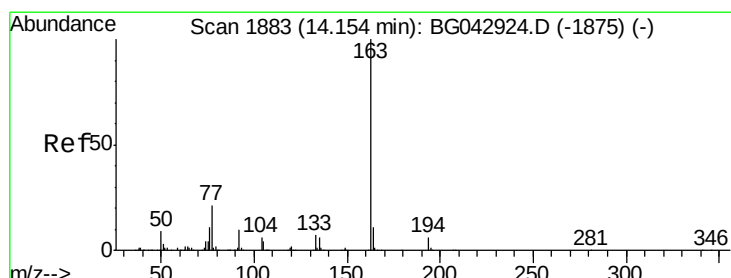
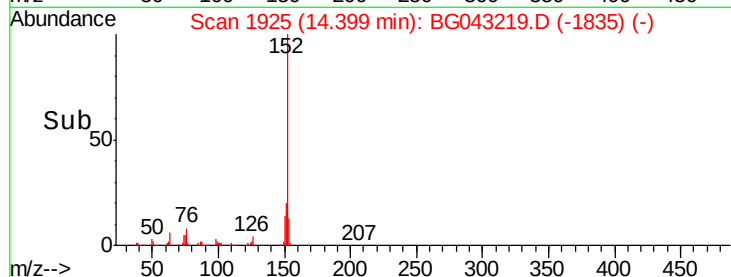
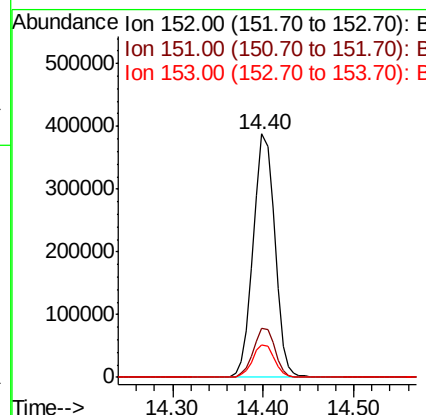
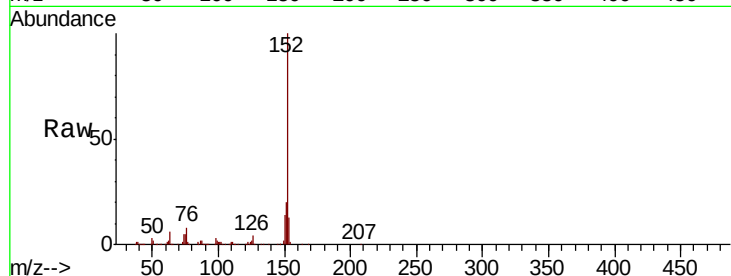
ClientSampleId :

20190879-COMPOSITE-KMSD

Tot Ion:	152	Resp:	645906
Ion Ratio	Lower	Upper	
152	100		
151	20.3	16.8	25.2
153	13.2	11.3	16.9

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#50

Dimethylphthalate

Concen: 56.098 ng

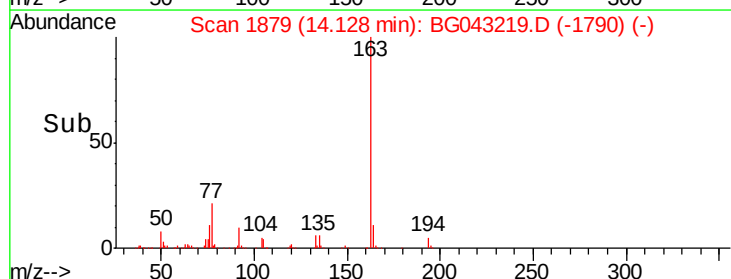
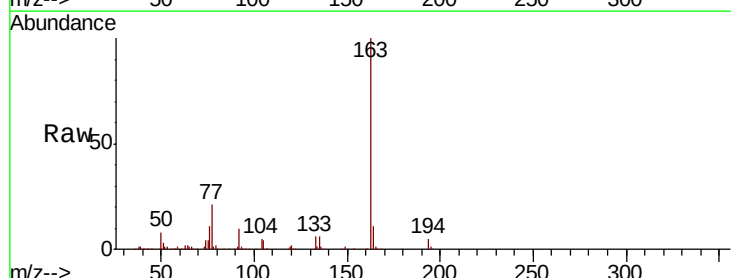
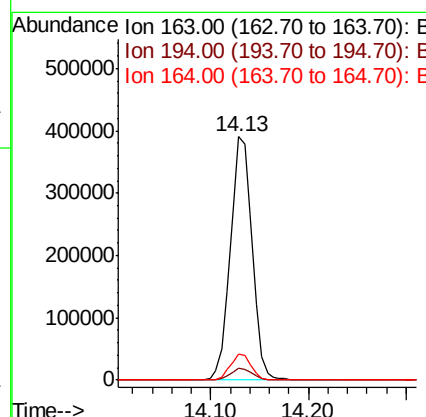
RT: 14.13 min Scan# 1879

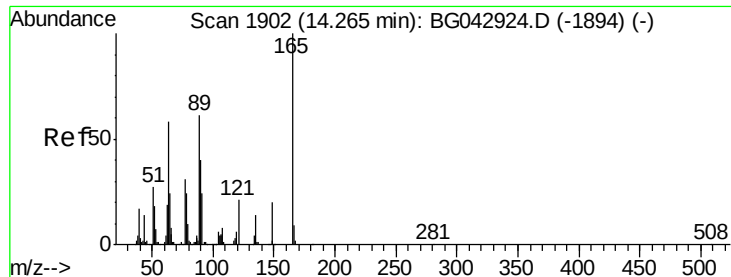
Delta R.T. -0.01 min

Lab File: BG043219.D

Acq: 15 Oct 2019 15:20

Tgt Ion:	163	Resp:	603571
Ion Ratio	Lower	Upper	
163	100		
194	4.9	4.4	6.6
164	10.8	8.6	12.8





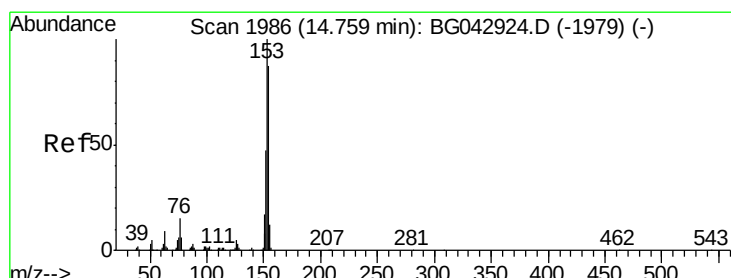
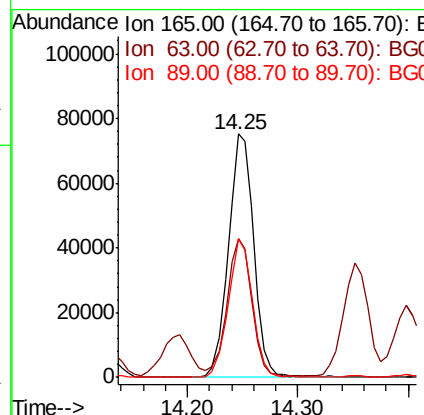
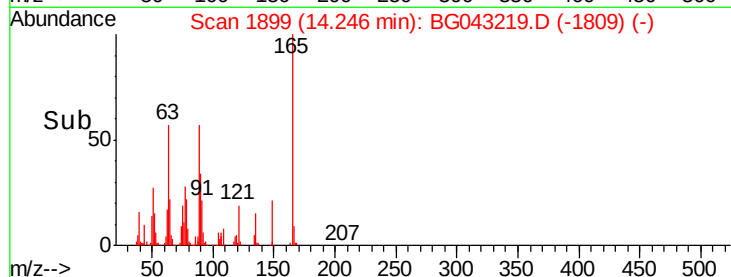
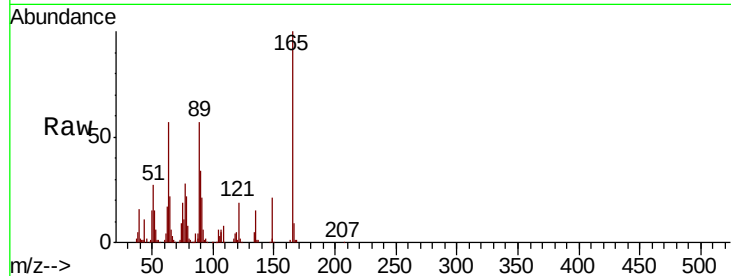
#51
 2,6-Dinitrotoluene
 Concen: 52.590 ng
 RT: 14.25 min Scan# 1899
 Delta R.T. -0.00 min
 Lab File: BG043219.D
 Acq: 15 Oct 2019 15:20

Instrument :
 BNA_G
 ClientSampleId :
 20190879-COMPOSITE-KMSD

Tot Ion	Ratio	Lower	Upper
165	100		
63	57.2	50.3	75.5
89	56.7	48.9	73.3

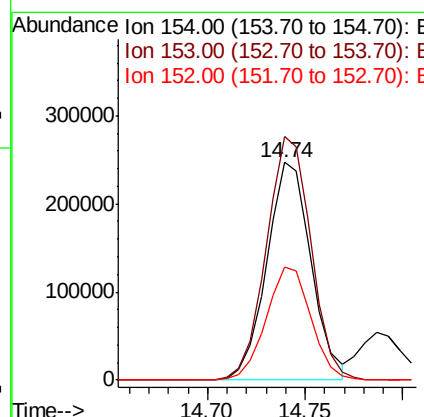
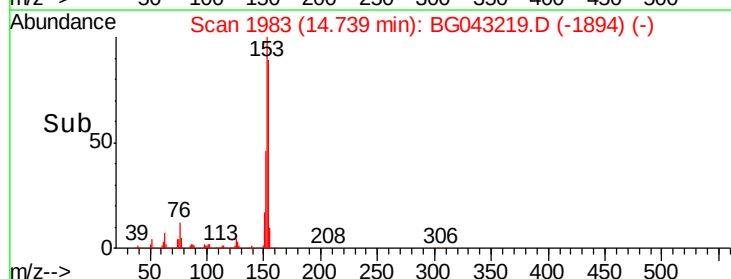
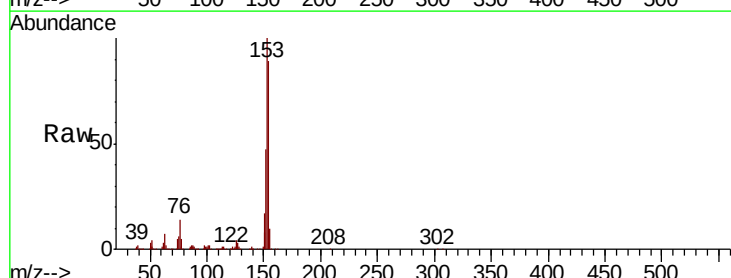
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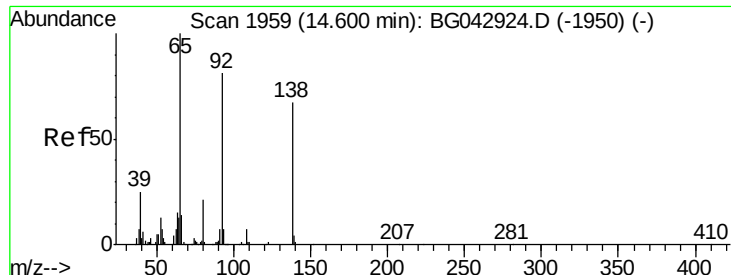
mohammad
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#52
 Acenaphthene
 Concen: 46.604 ng
 RT: 14.74 min Scan# 1983
 Delta R.T. -0.01 min
 Lab File: BG043219.D
 Acq: 15 Oct 2019 15:20

Tgt Ion	Ratio	Lower	Upper
154	100		
153	111.9	91.4	137.0
152	52.0	42.8	64.2





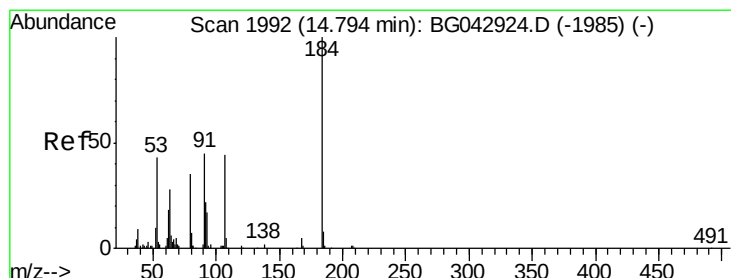
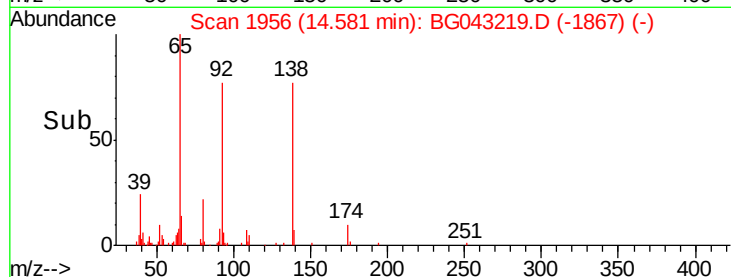
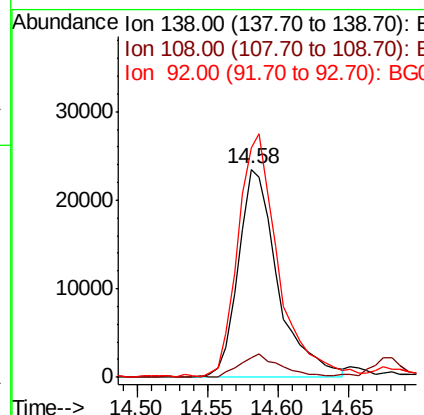
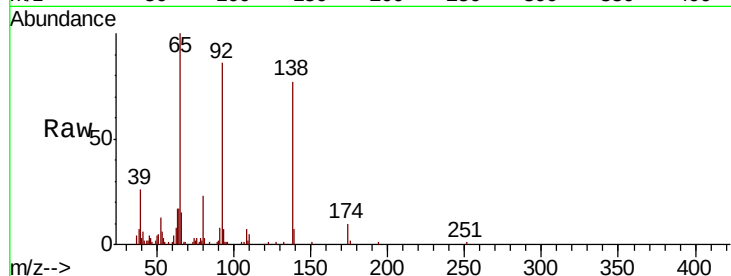
#53
3-Nitroaniline
Concen: 19.415 ng
RT: 14.58 min Scan# 1956
Delta R.T. -0.01 min
Lab File: BG043219.D
Acq: 15 Oct 2019 15:20

Instrument :
BNA_G
ClientSampleId :
20190879-COMPOSITE-KMSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.5	7.9	11.9
92	110.6	97.0	145.6

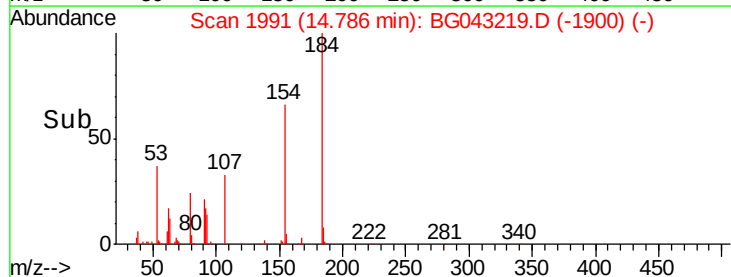
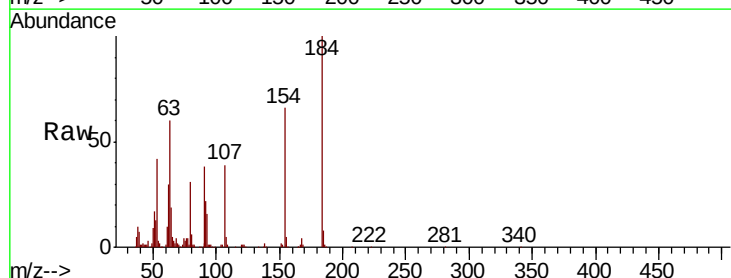
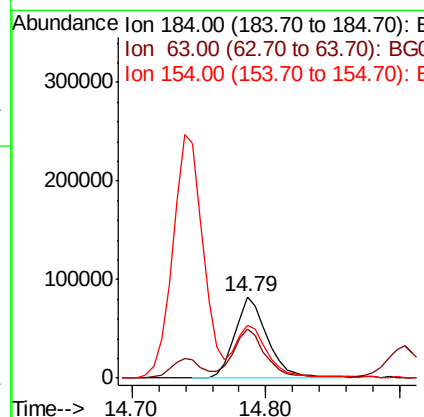
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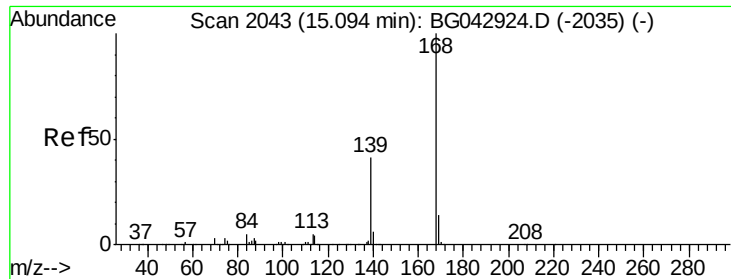
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#54
2,4-Dinitrophenol
Concen: 98.534 ng
RT: 14.79 min Scan# 1991
Delta R.T. 0.01 min
Lab File: BG043219.D
Acq: 15 Oct 2019 15:20

Tgt Ion	Ratio	Lower	Upper
184	100		
63	60.0	55.0	82.6
154	65.5	56.5	84.7





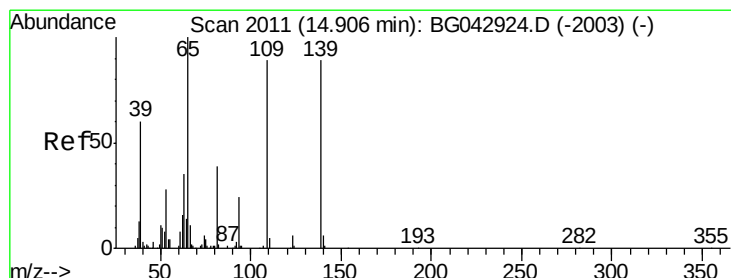
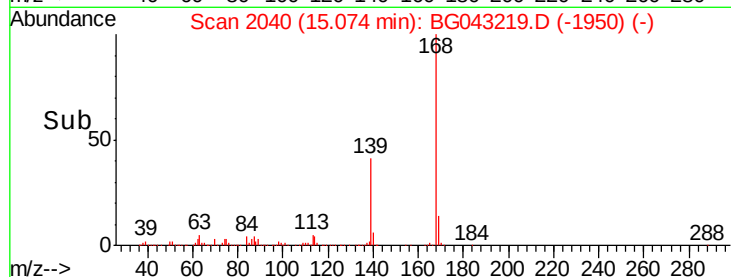
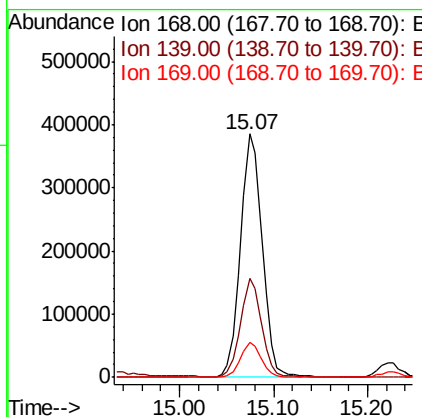
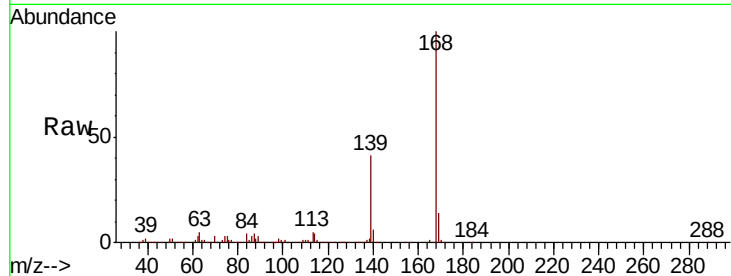
#55
Dibenzofuran
Concen: 50.258 ng
RT: 15.07 min Scan# 2040
Delta R.T. -0.00 min
Lab File: BG043219.D
Acq: 15 Oct 2019 15:20

Instrument :
BNA_G
ClientSampleId :
20190879-COMPOSITE-KMSD

Tot Ion	Ratio	Resp	Lower	Upper
168	100	621688		
139	40.6		32.6	48.8
169	14.5		11.2	16.8

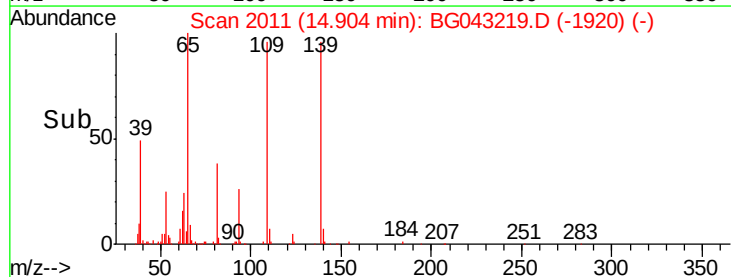
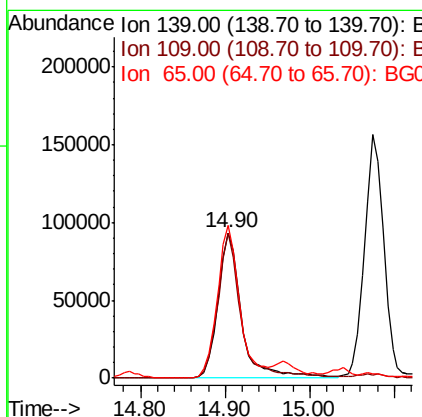
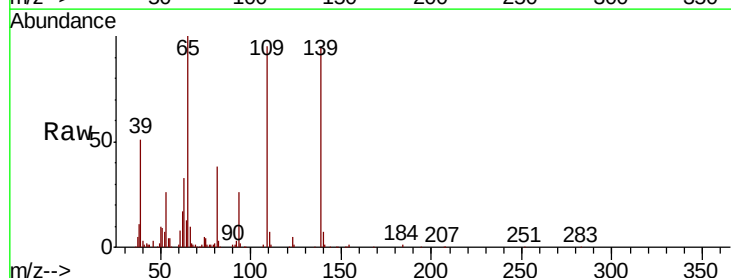
Manual Integrations
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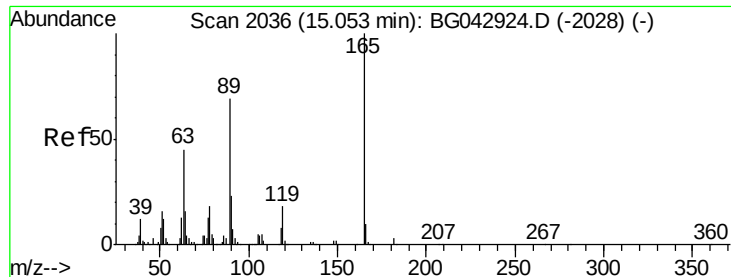
mohammad
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#56
4-Nitrophenol
Concen: 101.478 ng
RT: 14.90 min Scan# 2011
Delta R.T. 0.01 min
Lab File: BG043219.D
Acq: 15 Oct 2019 15:20

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	183086		
109	100.0		79.4	119.4
65	104.9		92.5	132.5





#57

2,4-Dinitrotoluene

Concen: 50.648 ng

RT: 15.04 min Scan# 2034

Delta R.T. 0.01 min

Lab File: BG043219.D

Acq: 15 Oct 2019 15:20

Instrument :

BNA_G

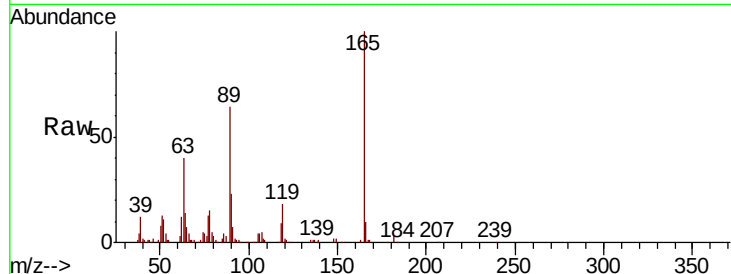
ClientSampleId :

20190879-COMPOSITE-KMSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	169942		
63	40.1	36.5	54.7	
89	63.9	55.5	83.3	
182	2.7	2.4	3.6	

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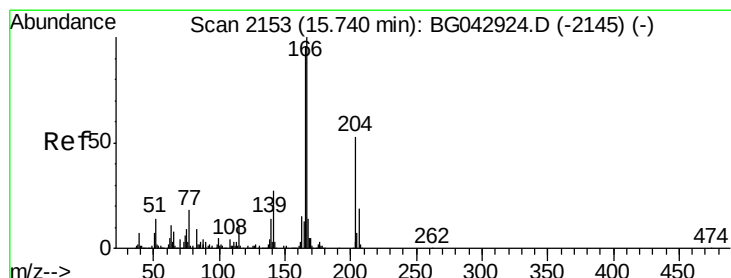
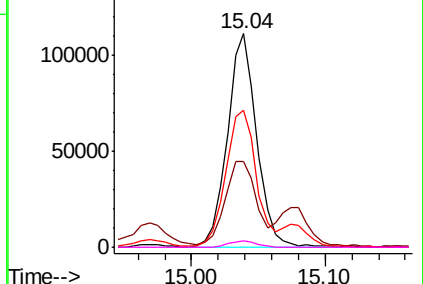
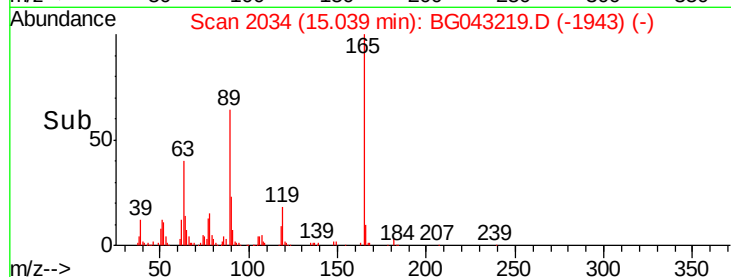


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 50.652 ng

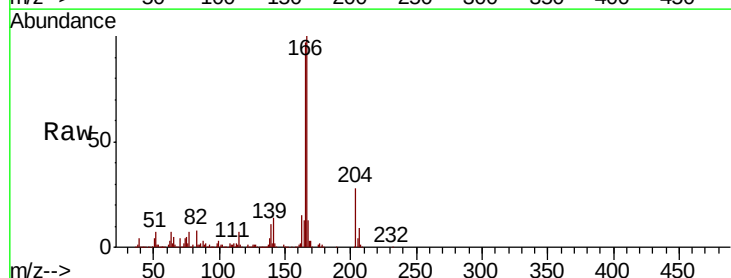
RT: 15.73 min Scan# 2151

Delta R.T. -0.00 min

Lab File: BG043219.D

Acq: 15 Oct 2019 15:20

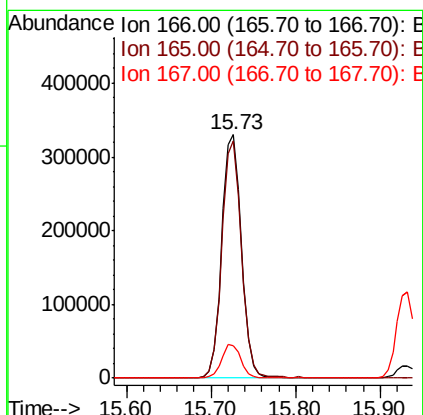
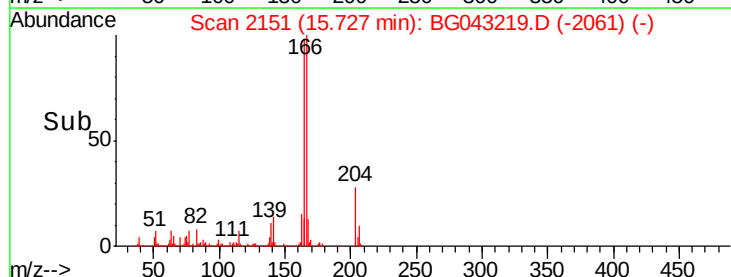
Tgt Ion	Ratio	Resp	Lower	Upper
166	100	534932		
165	97.3	77.1	115.7	
167	13.3	11.0	16.6	

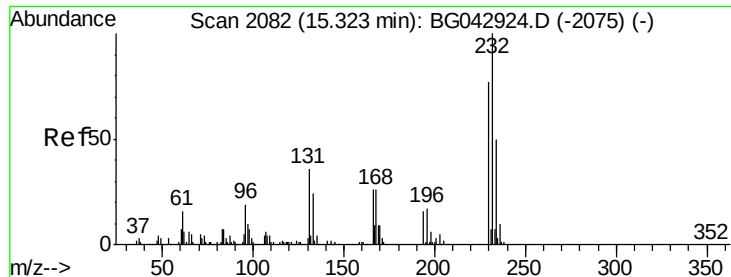


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





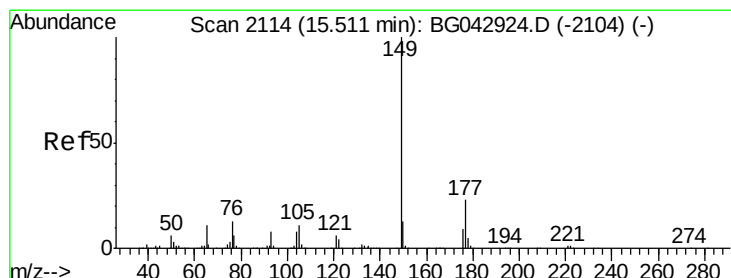
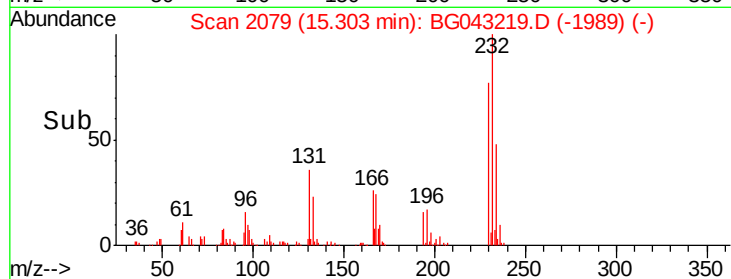
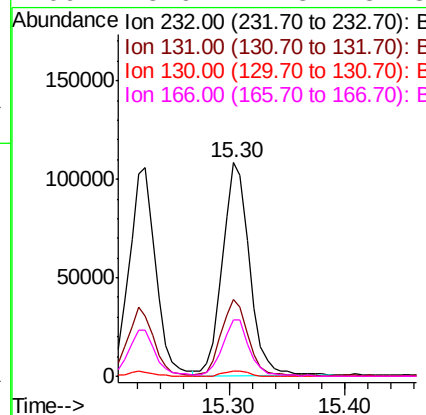
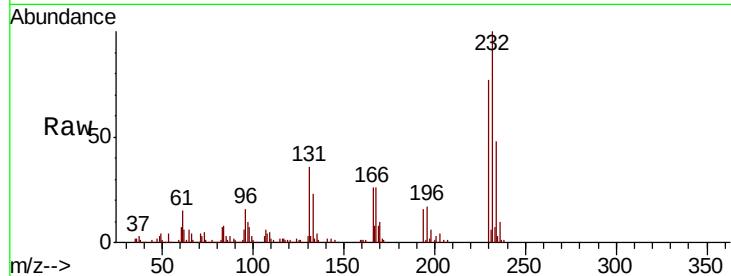
#59
2,3,4,6-Tetrachlorophenol
Concen: 50.821 ng
RT: 15.30 min Scan# 2079
Delta R.T. -0.00 min
Lab File: BG043219.D
Acq: 15 Oct 2019 15:20

Instrument :
BNA_G
ClientSampleId :
20190879-COMPOSITE-KMSD

Tot Ion	Ratio	Resp	Lower	Upper
232	100	176157		
131	35.5		29.6	44.4
130	2.3		1.9	2.9
166	25.9		21.8	32.8

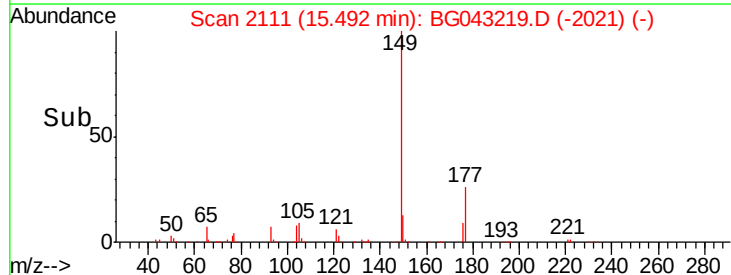
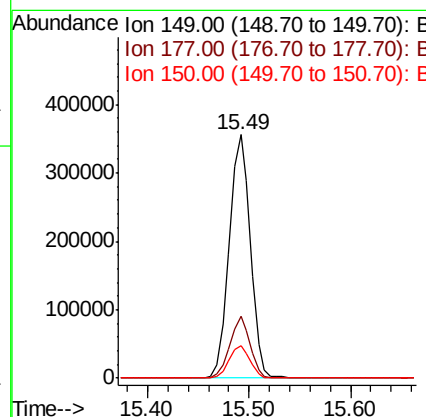
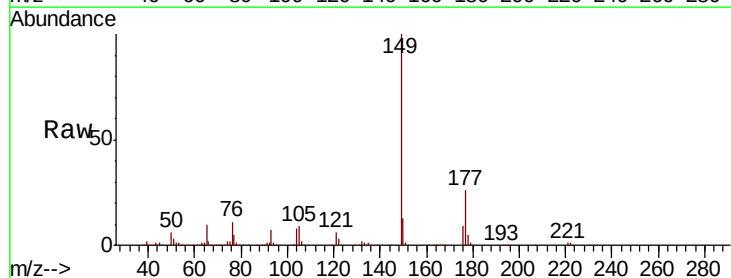
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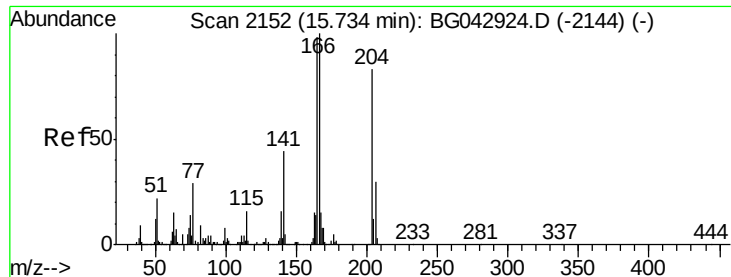
mohammad
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#60
Diethylphthalate
Concen: 46.899 ng
RT: 15.49 min Scan# 2111
Delta R.T. -0.00 min
Lab File: BG043219.D
Acq: 15 Oct 2019 15:20

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	513531		
177	25.6		18.8	28.2
150	13.1		10.6	15.8





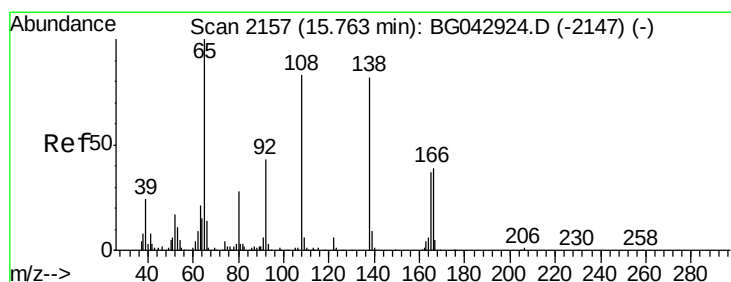
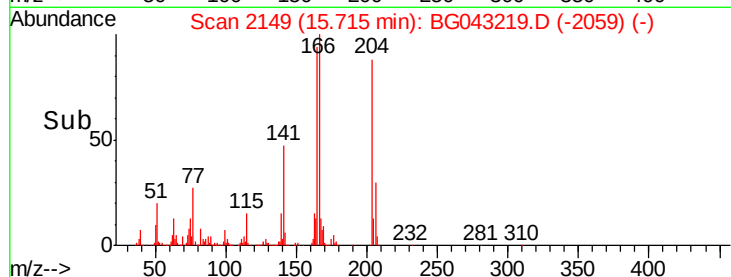
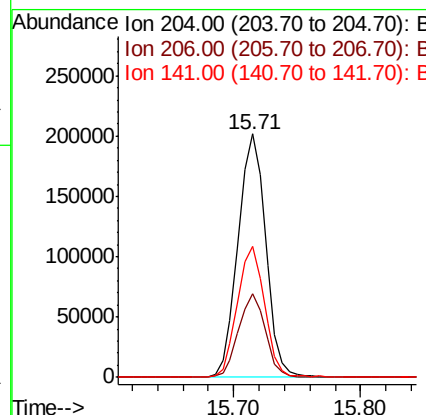
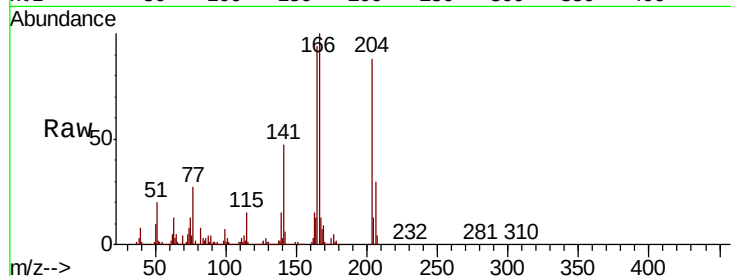
#61
4-Chlorophenyl-phenylether
Concen: 48.069 ng
RT: 15.71 min Scan# 2149
Delta R.T. -0.00 min
Lab File: BG043219.D
Acq: 15 Oct 2019 15:20

Instrument :
BNA_G
ClientSampleId :
20190879-COMPOSITE-KMSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	34.5	28.5	42.7
141	53.8	42.4	63.6

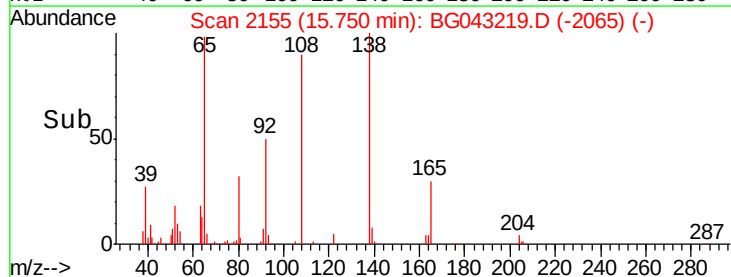
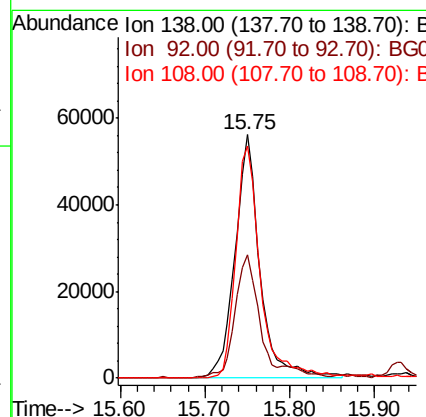
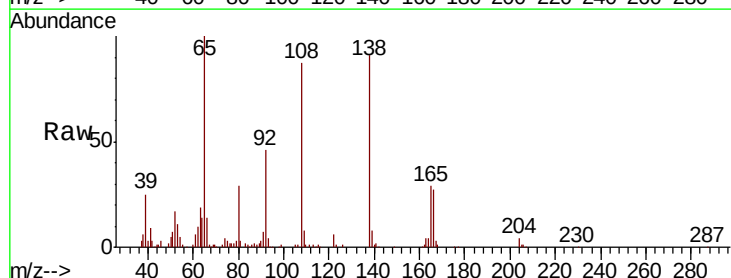
Manual Integrations
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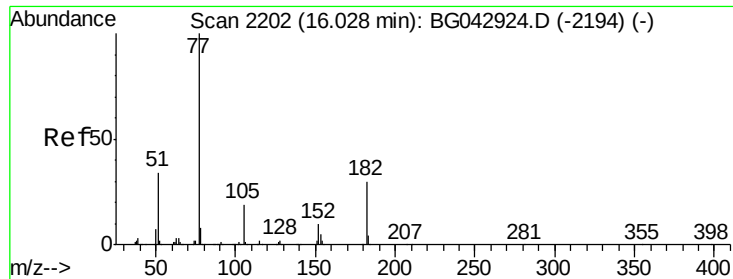
mohammad
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#62
4-Nitroaniline
Concen: 44.223 ng
RT: 15.75 min Scan# 2155
Delta R.T. -0.00 min
Lab File: BG043219.D
Acq: 15 Oct 2019 15:20

Tgt Ion	Ratio	Lower	Upper
138	100		
92	50.7	32.9	72.9
108	95.6	81.3	121.3





#63

Azobenzene

Concen: 45.798 ng

RT: 16.01 min Scan# 2199

Delta R.T. -0.00 min

Lab File: BG043219.D

Acq: 15 Oct 2019 15:20

Instrument :

BNA_G

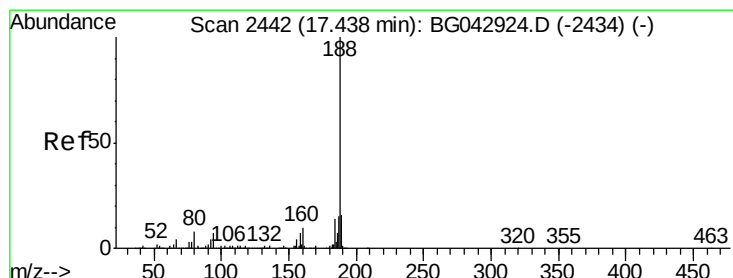
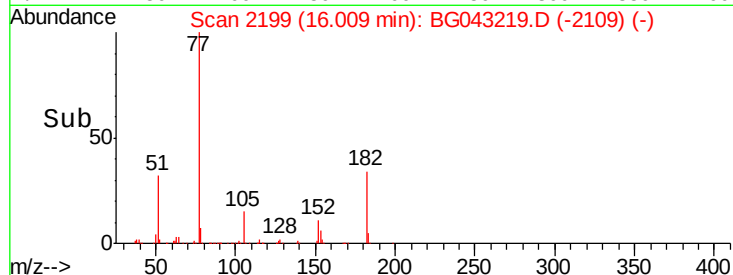
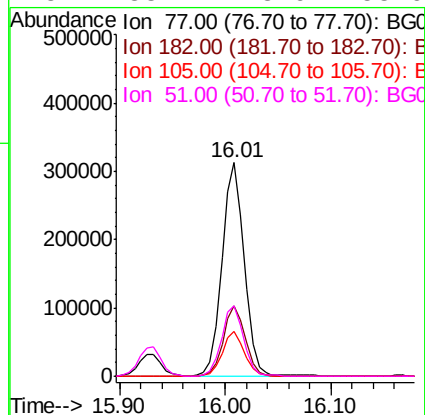
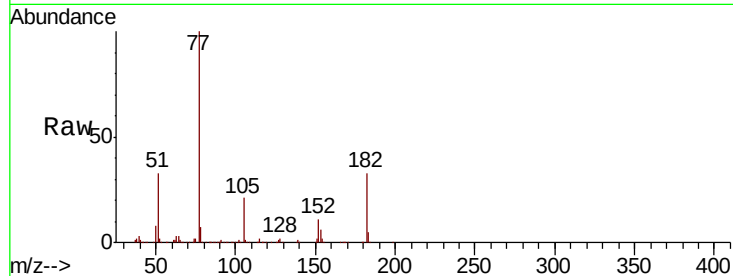
ClientSampleId :

20190879-COMPOSITE-KMSD

Tot Ion	Ratio	Resp	Lower	Upper
77	100	456555		
182	32.7	10.2	50.2	
105	20.8	0.0	39.1	
51	33.1	13.9	53.9	

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#64

Phenanthrene-d10

Concen: 20.000 ng

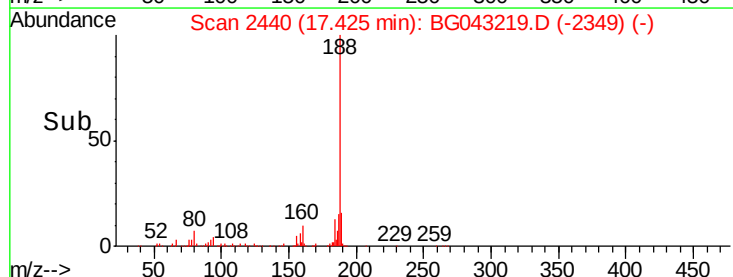
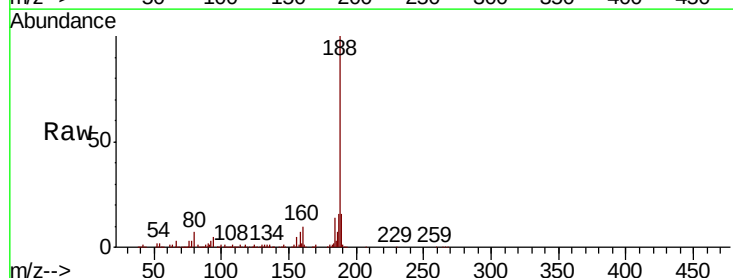
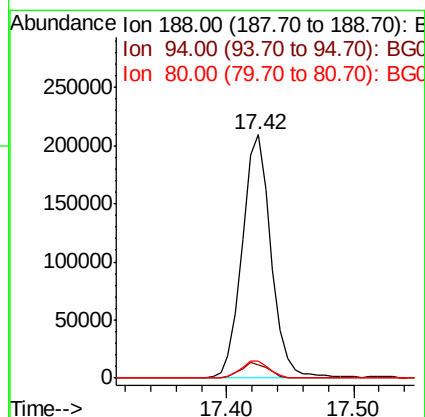
RT: 17.42 min Scan# 2440

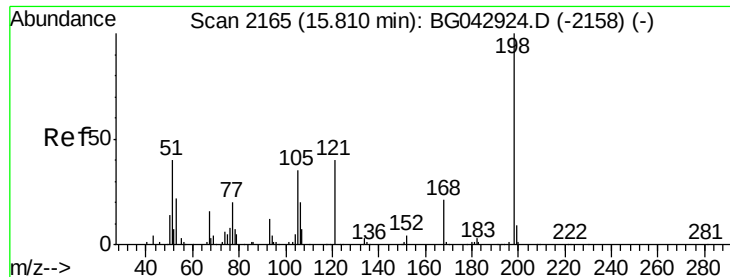
Delta R.T. 0.01 min

Lab File: BG043219.D

Acq: 15 Oct 2019 15:20

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	330121		
94	5.3	5.7	8.5#	
80	7.0	6.5	9.7	





#65

4,6-Dinitro-2-methylphenol

Concen: 57.694 ng

RT: 15.80 min Scan# 2164

Delta R.T. 0.01 min

Lab File: BG043219.D

Acq: 15 Oct 2019 15:20

Instrument :

BNA_G

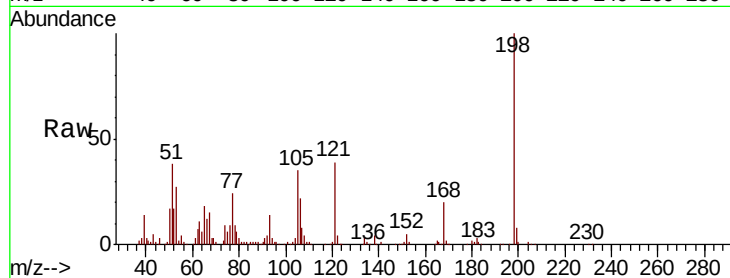
ClientSampleId :

20190879-COMPOSITE-KMSD

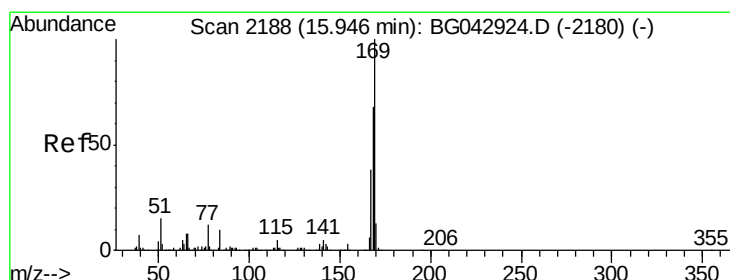
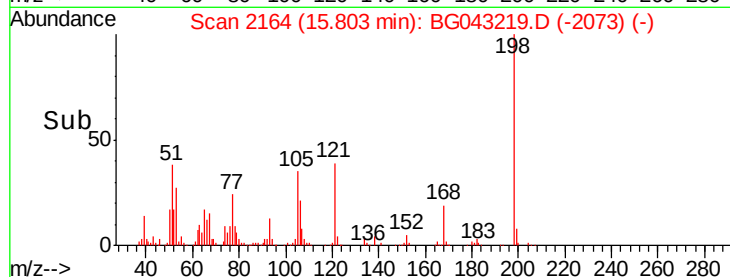
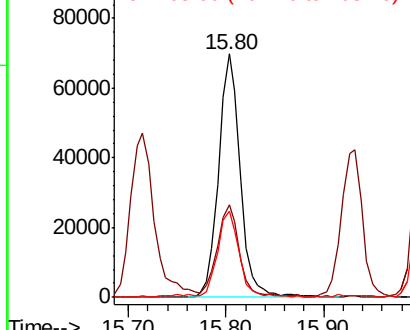
Tot Ion:	198	Resp:	107775
Ion Ratio	Lower	Upper	
198	100		
51	37.8	25.3	65.3
105	35.4	16.6	56.6

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Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BG
Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 53.642 ng

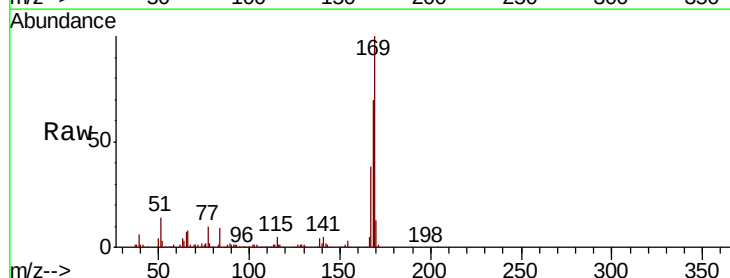
RT: 15.93 min Scan# 2186

Delta R.T. -0.00 min

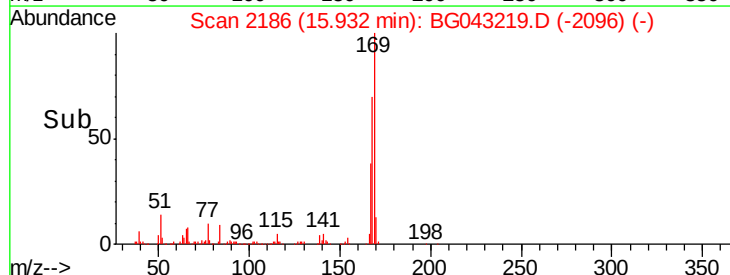
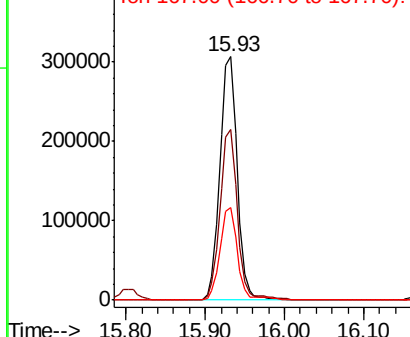
Lab File: BG043219.D

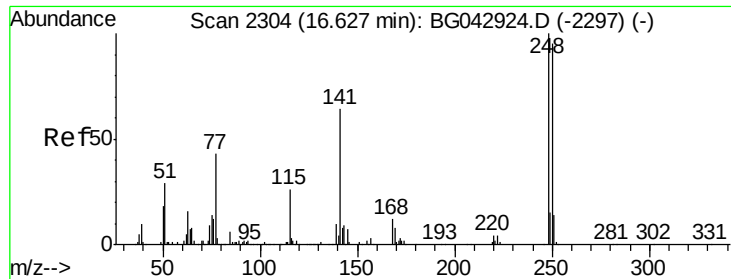
Acq: 15 Oct 2019 15:20

Tgt Ion:	169	Resp:	467479
Ion Ratio	Lower	Upper	
169	100		
168	69.8	54.8	82.2
167	38.1	30.6	46.0



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E





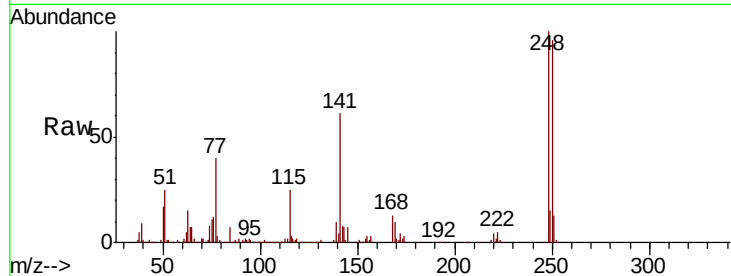
#67
4-Bromophenyl-phenylether
Concen: 51.658 ng
RT: 16.61 min Scan# 2301
Delta R.T. -0.00 min
Lab File: BG043219.D
Acq: 15 Oct 2019 15:20

Instrument :
BNA_G
ClientSampleId :
20190879-COMPOSITE-KMSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.2	75.8	113.8
141	61.5	51.1	76.7

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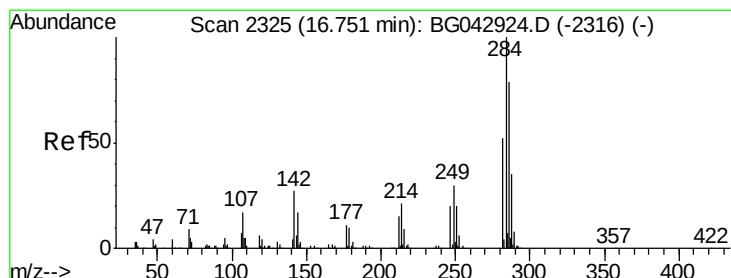
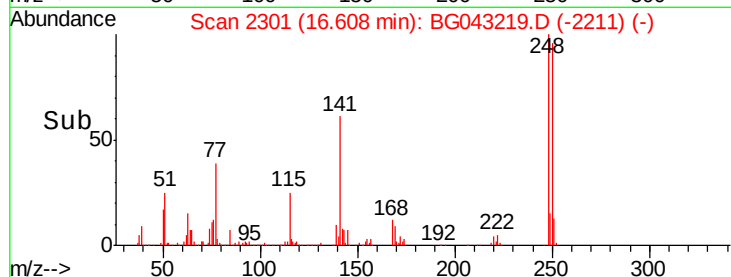
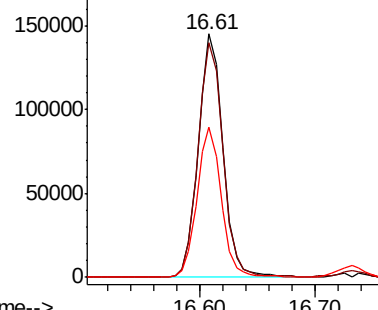


Abundance

Ion 248.00 (247.70 to 248.70): E

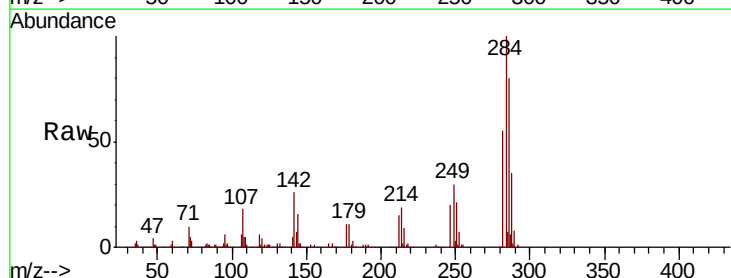
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 51.009 ng
RT: 16.73 min Scan# 2322
Delta R.T. -0.00 min
Lab File: BG043219.D
Acq: 15 Oct 2019 15:20

Tgt Ion	Ratio	Lower	Upper
284	100		
142	25.5	21.6	32.4
249	30.4	24.1	36.1

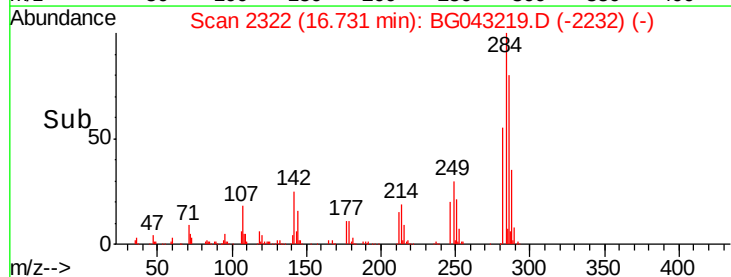
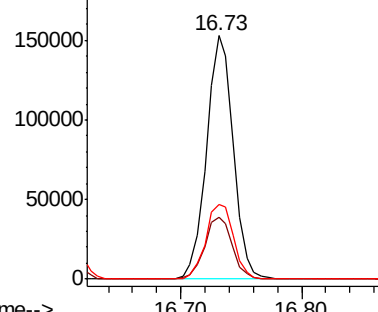


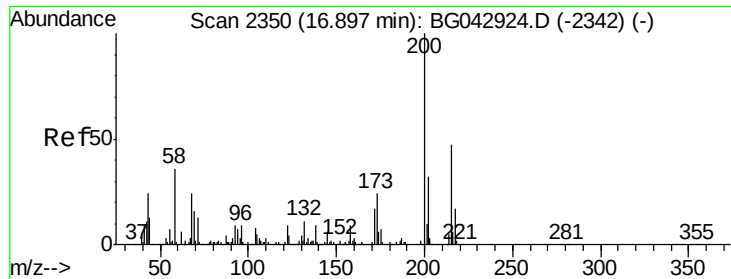
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





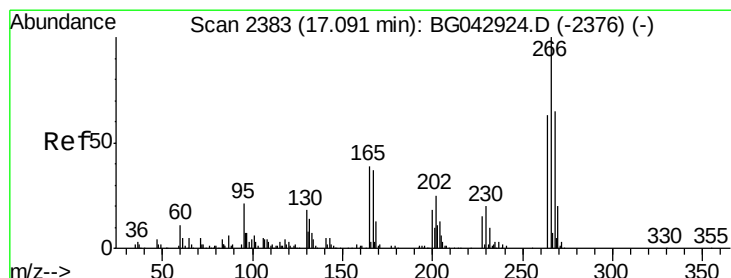
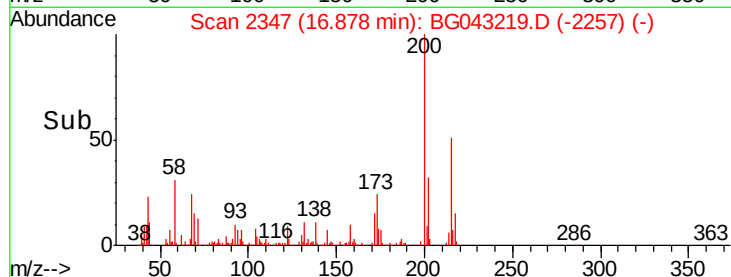
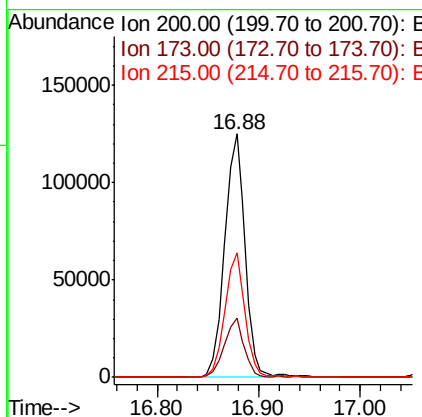
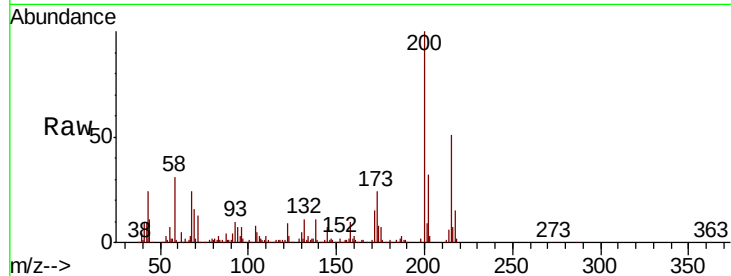
#69
Atrazine
Concen: 47.843 ng
RT: 16.88 min Scan# 2347
Delta R.T. -0.00 min
Lab File: BG043219.D
Acq: 15 Oct 2019 15:20

Instrument :
BNA_G
ClientSampleId :
20190879-COMPOSITE-KMSD

Tot Ion	Ratio	Resp	Lower	Upper
200	100	175571		
173	24.3	4.0	44.0	
215	51.4	27.4	67.4	

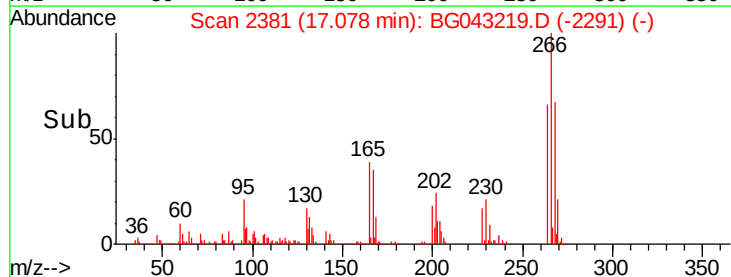
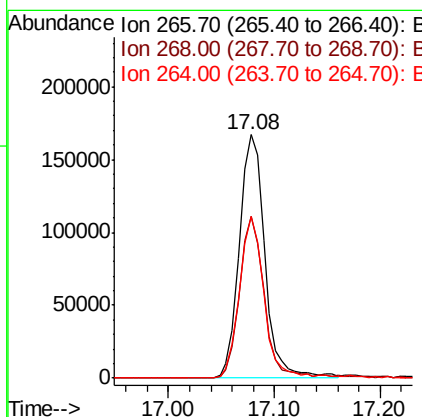
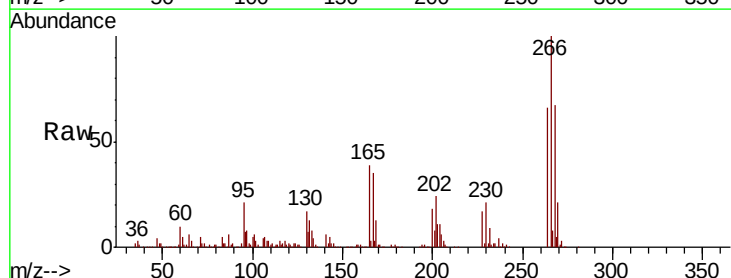
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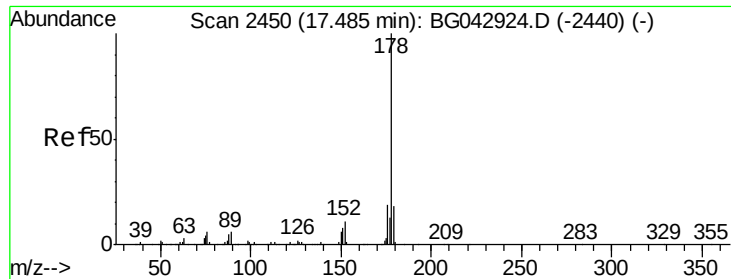
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#70
Pentachlorophenol
Concen: 104.703 ng
RT: 17.08 min Scan# 2381
Delta R.T. -0.00 min
Lab File: BG043219.D
Acq: 15 Oct 2019 15:20

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	278719		
268	66.6	52.2	78.2	
264	66.4	50.7	76.1	





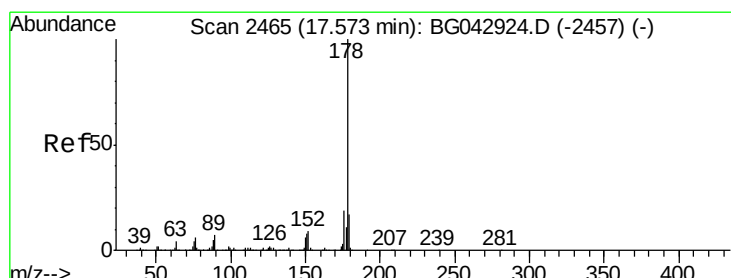
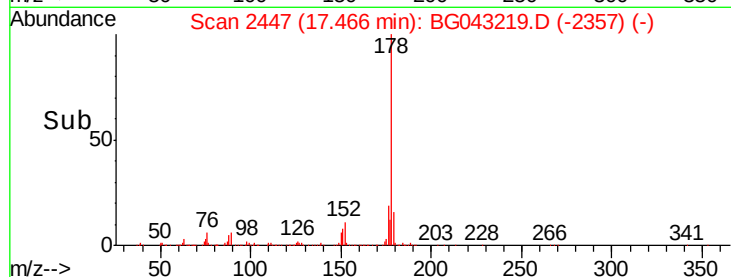
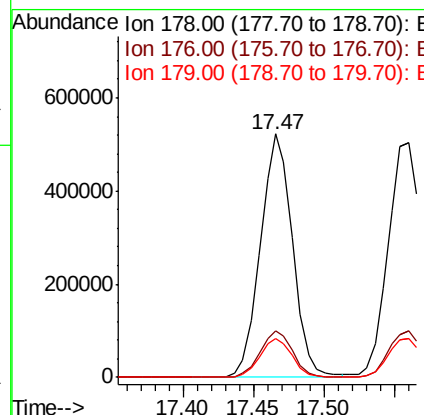
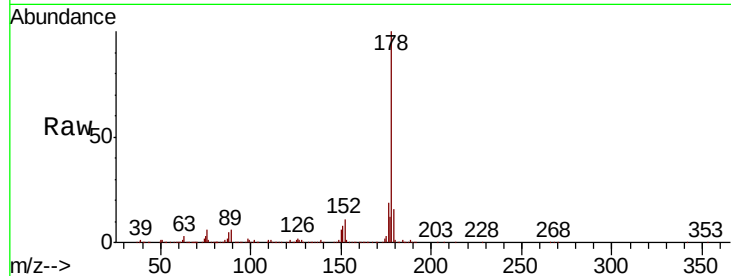
#71
 Phenanthrene
 Concen: 51.576 ng
 RT: 17.47 min Scan# 2447
 Delta R.T. -0.00 min
 Lab File: BG043219.D
 Acq: 15 Oct 2019 15:20

Instrument :
 BNA_G
 ClientSampleId :
 20190879-COMPOSITE-KMSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.1	22.7
179	16.1	14.1	21.1

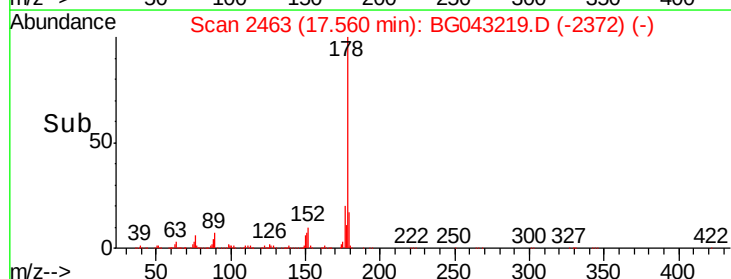
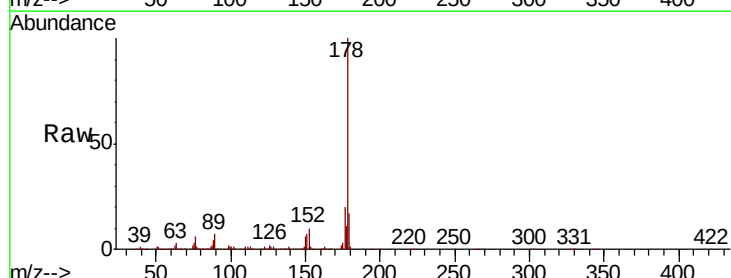
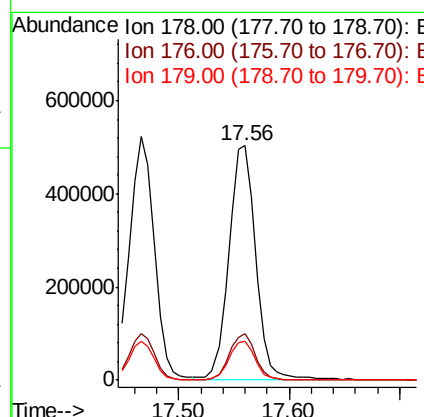
Manual Integrations
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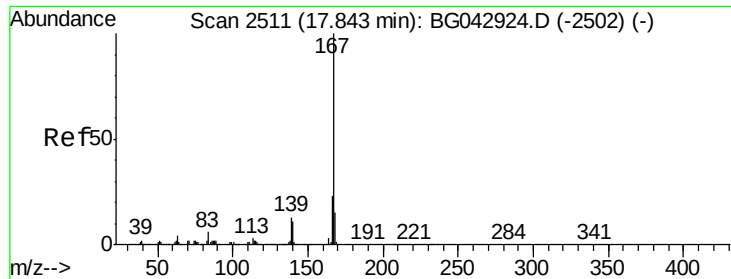
mohammad
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#72
 Anthracene
 Concen: 52.928 ng
 RT: 17.56 min Scan# 2463
 Delta R.T. 0.01 min
 Lab File: BG043219.D
 Acq: 15 Oct 2019 15:20

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.5	23.3
179	16.6	13.5	20.3





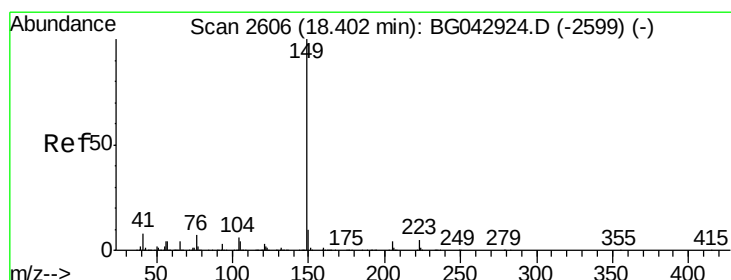
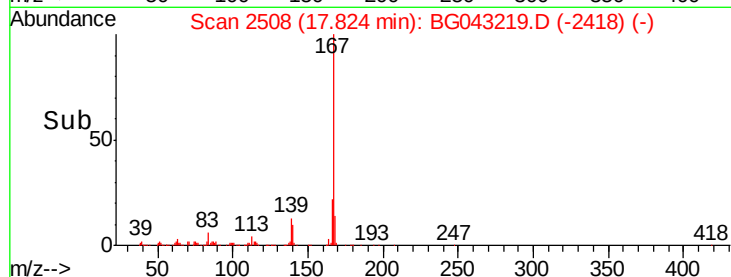
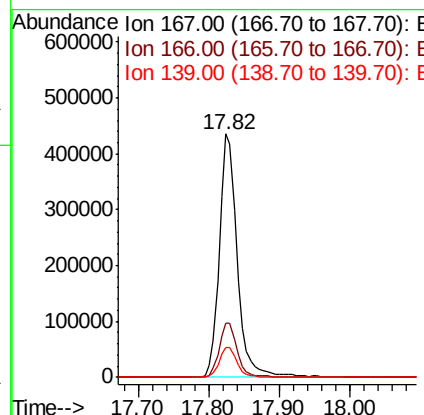
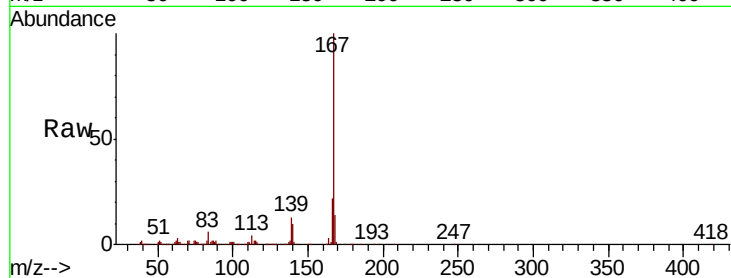
#73
 Carbazole
 Concen: 51.625 ng
 RT: 17.82 min Scan# 2508
 Delta R.T. -0.00 min
 Lab File: BG043219.D
 Acq: 15 Oct 2019 15:20

Instrument :
 BNA_G
 ClientSampleId :
 20190879-COMPOSITE-KMSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.4	18.6	28.0
139	12.5	10.8	16.2

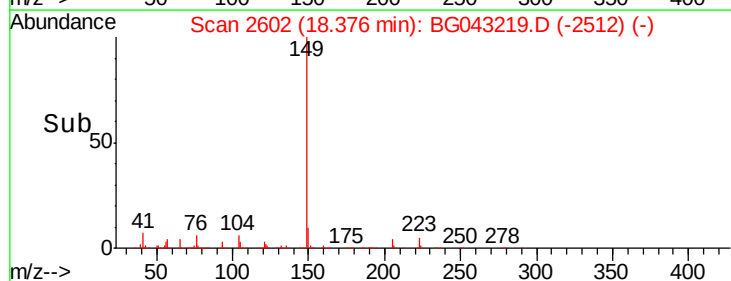
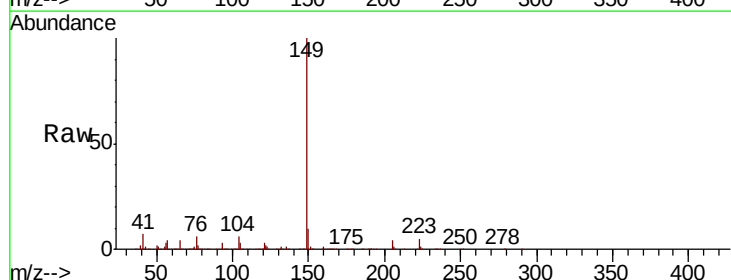
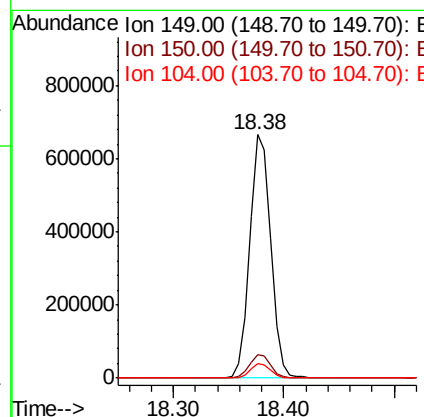
Manual Integrations
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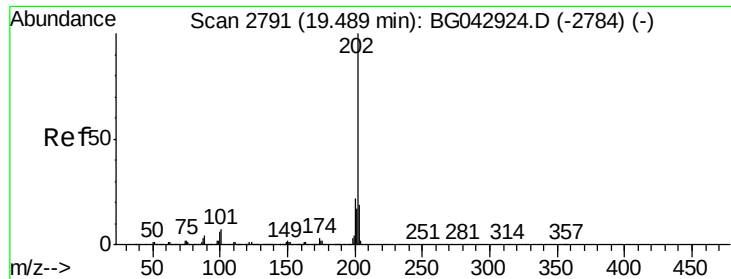
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#74
 Di-n-butylphthalate
 Concen: 50.143 ng
 RT: 18.38 min Scan# 2602
 Delta R.T. -0.00 min
 Lab File: BG043219.D
 Acq: 15 Oct 2019 15:20

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.7	7.7	11.5
104	5.8	5.0	7.6





#75

Fluoranthene

Concen: 50.594 ng

RT: 19.48 min Scan# 2789

Delta R.T. 0.01 min

Lab File: BG043219.D

Acq: 15 Oct 2019 15:20

Instrument :

BNA_G

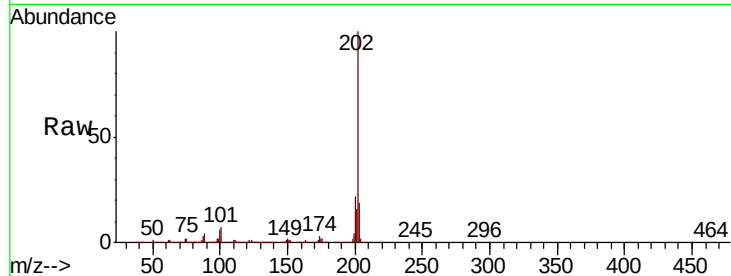
ClientSampleId :

20190879-COMPOSITE-KMSD

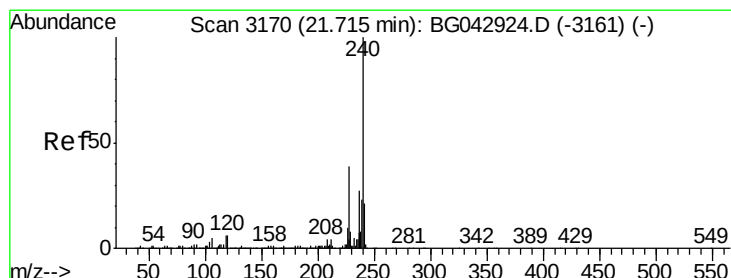
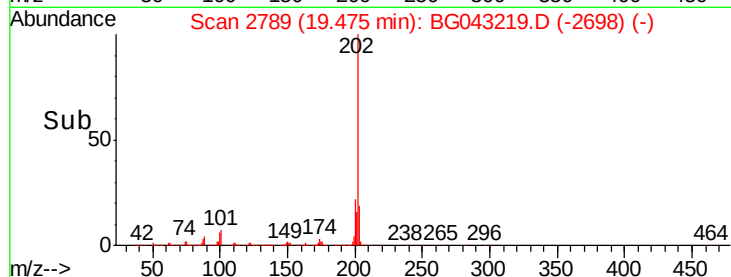
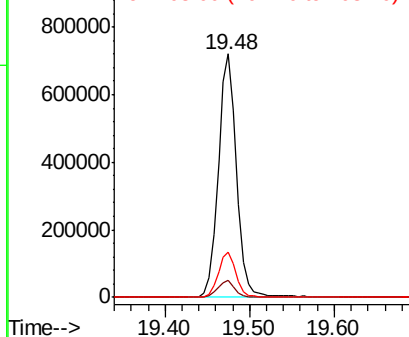
Tot Ion:	202	Resp:	1078519
Ion Ratio	Lower	Upper	
202	100		
101	6.9	0.0	27.3
203	18.8	0.0	39.5

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



#76

Chrysene-d12

Concen: 20.000 ng

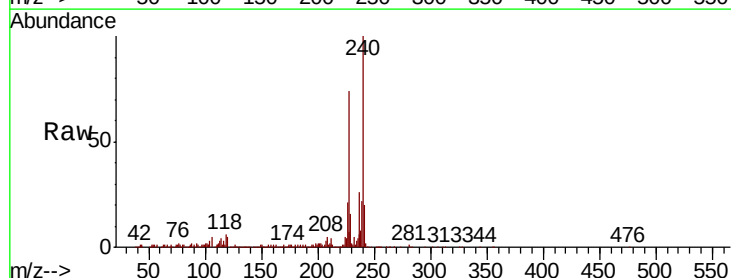
RT: 21.70 min Scan# 3167

Delta R.T. 0.01 min

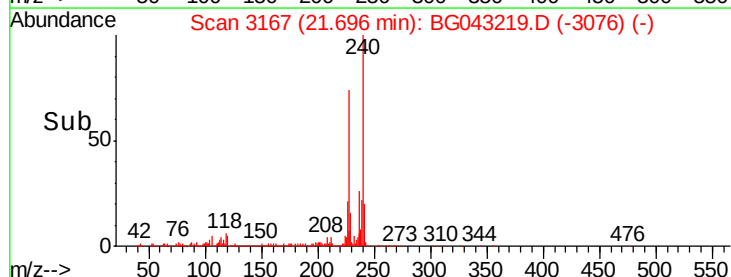
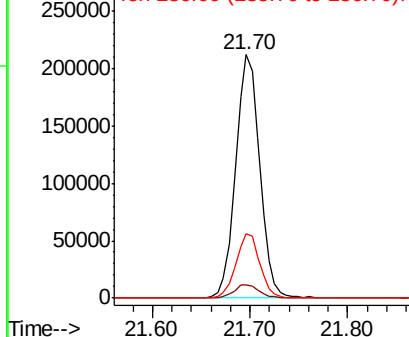
Lab File: BG043219.D

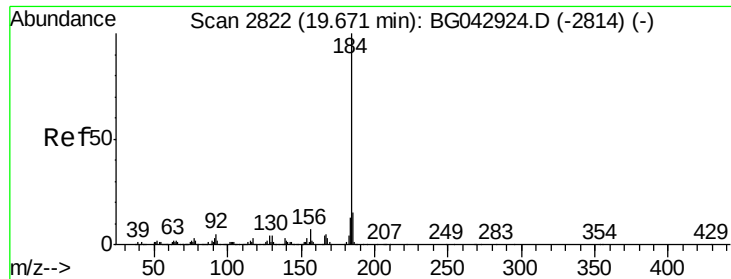
Acq: 15 Oct 2019 15:20

Tgt Ion:	240	Resp:	363708
Ion Ratio	Lower	Upper	
240	100		
120	5.2	4.8	7.2
236	26.4	21.4	32.0



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





#77

Benzidine

Concen: 37.382 ng

RT: 19.66 min Scan# 2820

Delta R.T. -0.00 min

Lab File: BG043219.D

Acq: 15 Oct 2019 15:20

Instrument :

BNA_G

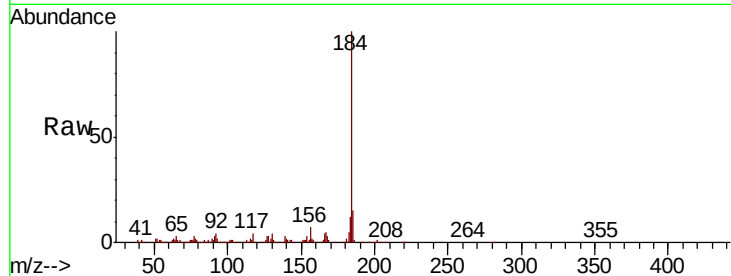
ClientSampleId :

20190879-COMPOSITE-KMSD

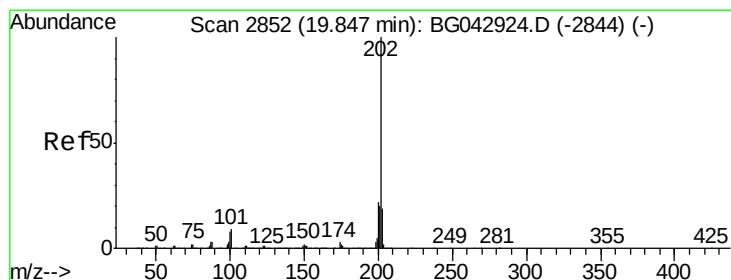
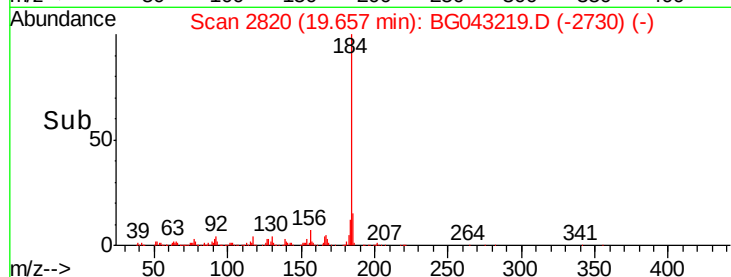
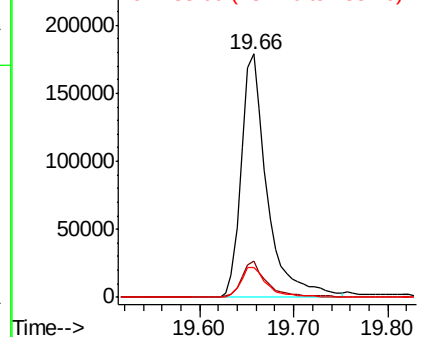
Tot Ion:	184	Resp:	340431
Ion Ratio	Lower	Upper	
184	100		
185	14.8	11.8	17.8
183	12.1	10.1	15.1

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



#78

Pyrene

Concen: 50.078 ng

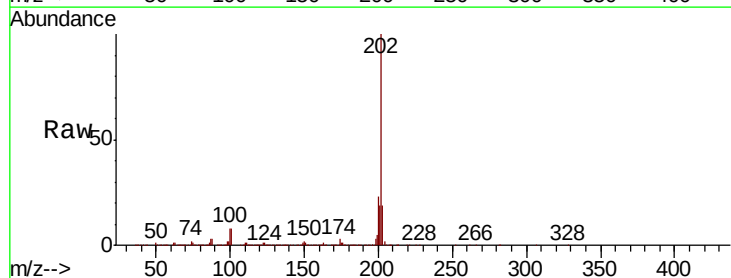
RT: 19.83 min Scan# 2850

Delta R.T. -0.00 min

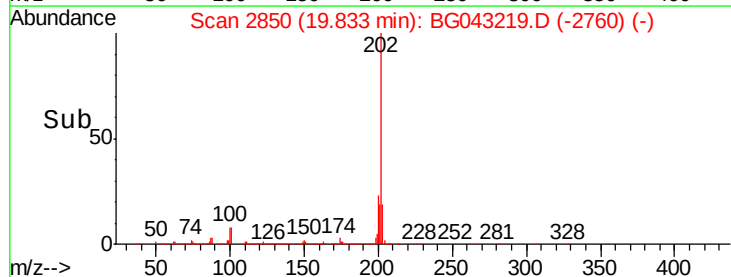
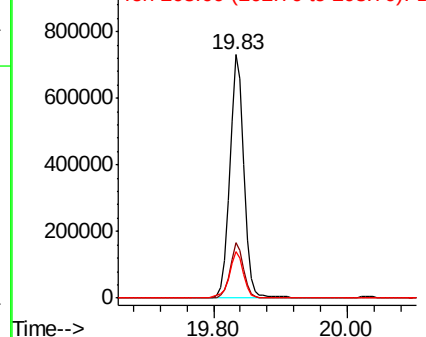
Lab File: BG043219.D

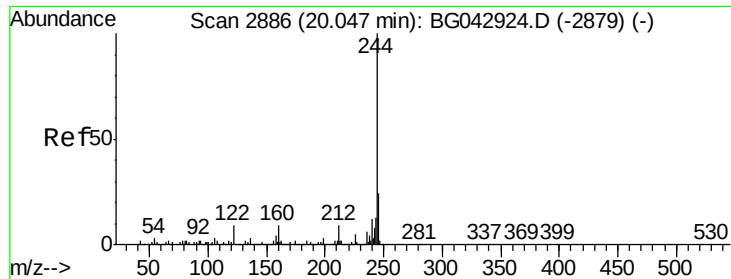
Acq: 15 Oct 2019 15:20

Tgt Ion:	202	Resp:	1087104
Ion Ratio	Lower	Upper	
202	100		
200	22.7	17.6	26.4
203	19.1	15.2	22.8



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





#79

Terphenyl-d14

Concen: 87.980 ng

RT: 20.03 min Scan# 2884

Delta R.T. 0.01 min

Lab File: BG043219.D

Acq: 15 Oct 2019 15:20

Instrument :

BNA_G

ClientSampleId :

20190879-COMPOSITE-KMSD

Tot Ion:244 Resp: 1501689

Ion Ratio Lower Upper

244 100

212 7.7 7.4 11.0

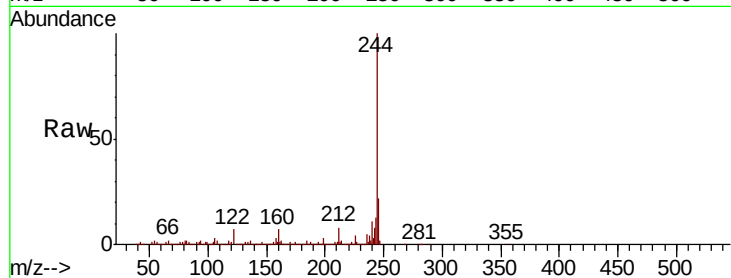
122 6.8 7.0 10.4#

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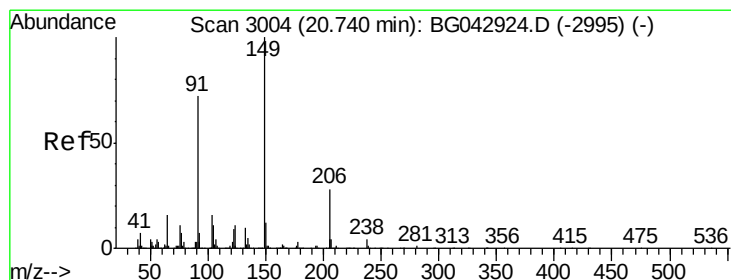
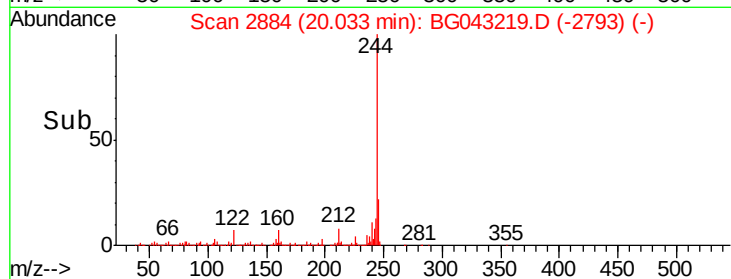
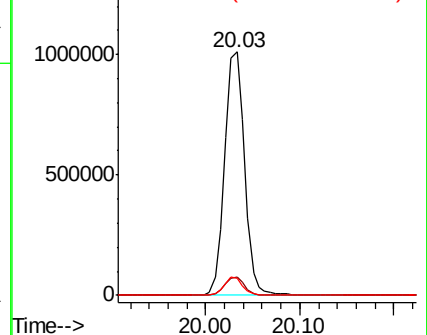
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 50.077 ng

RT: 20.71 min Scan# 3000

Delta R.T. -0.00 min

Lab File: BG043219.D

Acq: 15 Oct 2019 15:20

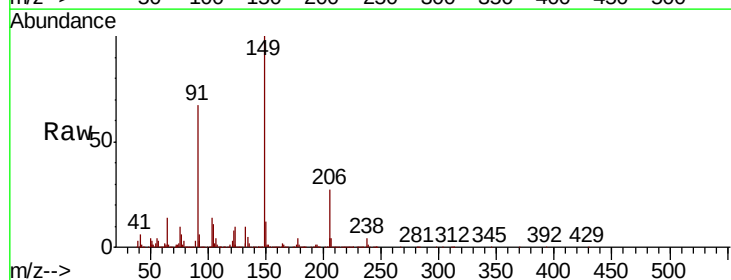
Tgt Ion:149 Resp: 412632

Ion Ratio Lower Upper

149 100

91 67.4 57.7 86.5

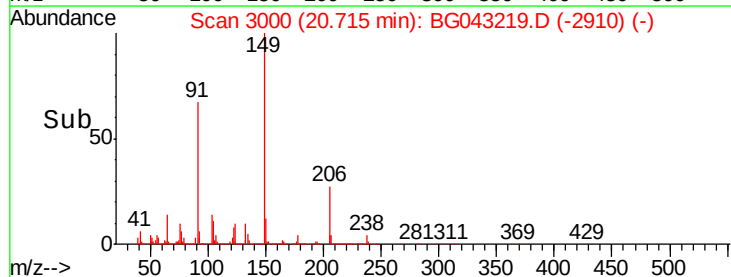
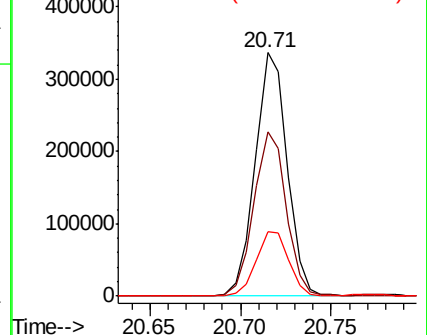
206 26.7 22.6 33.8

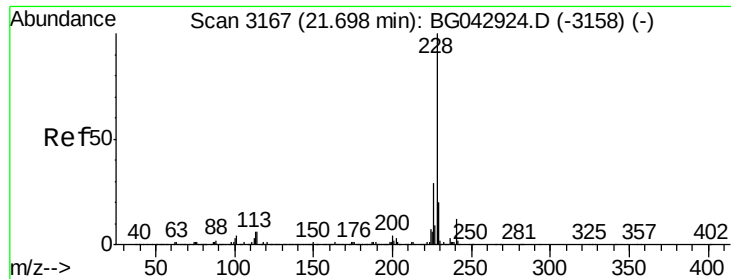


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





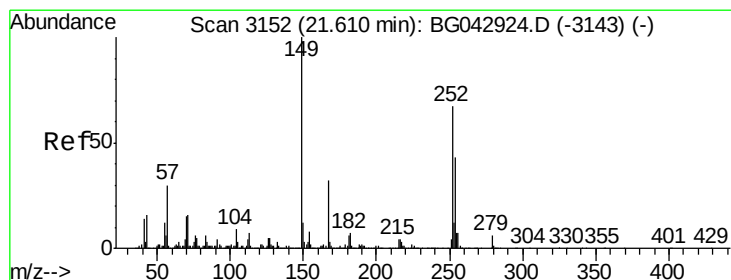
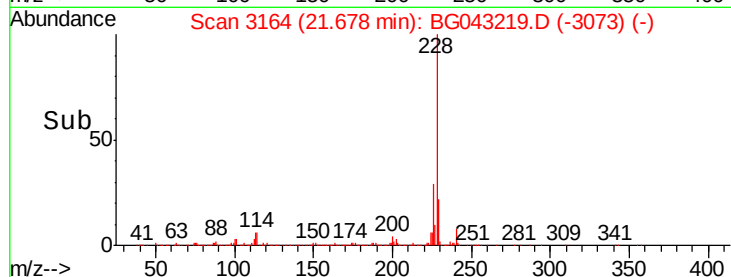
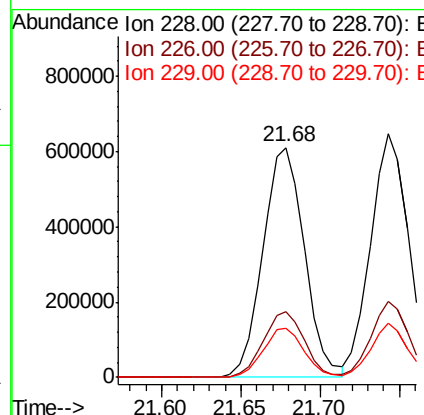
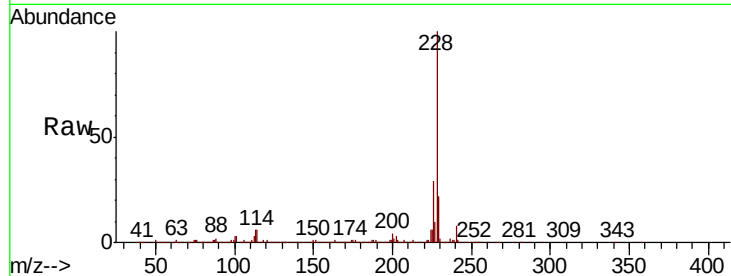
#81
Benzo(a)anthracene
Concen: 49.132 ng
RT: 21.68 min Scan# 3164
Delta R.T. 0.01 min
Lab File: BG043219.D
Acq: 15 Oct 2019 15:20

Instrument :
BNA_G
ClientSampleId :
20190879-COMPOSITE-KMSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.5	23.0	34.4
229	21.6	16.3	24.5

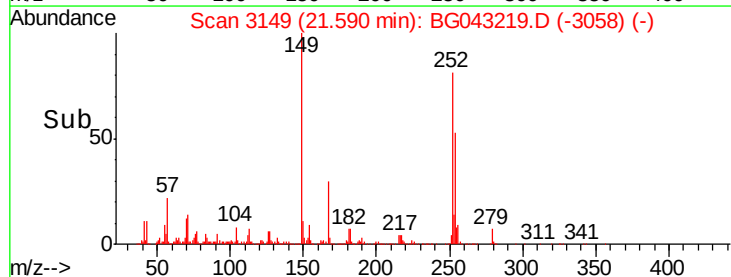
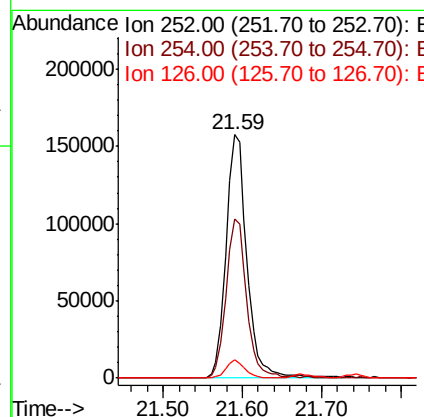
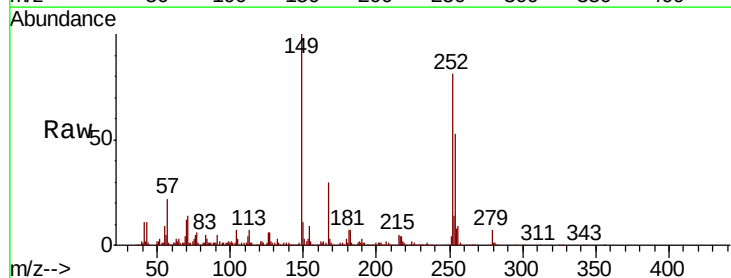
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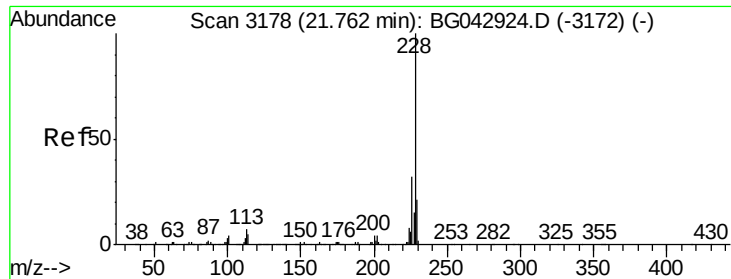
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#82
3,3'-Dichlorobenzidine
Concen: 32.269 ng
RT: 21.59 min Scan# 3149
Delta R.T. 0.01 min
Lab File: BG043219.D
Acq: 15 Oct 2019 15:20

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.5	51.9	77.9
126	7.4	6.1	9.1





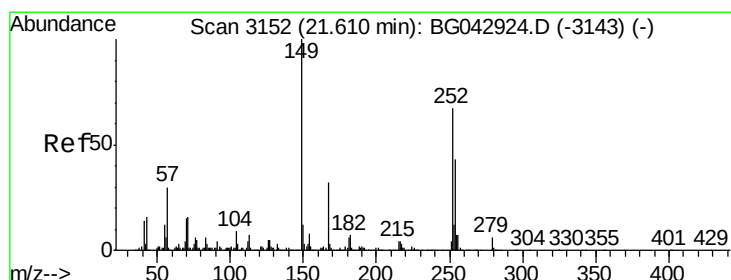
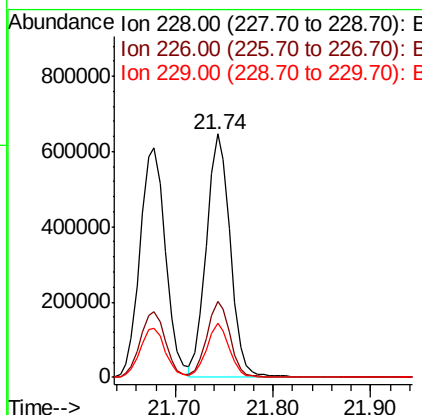
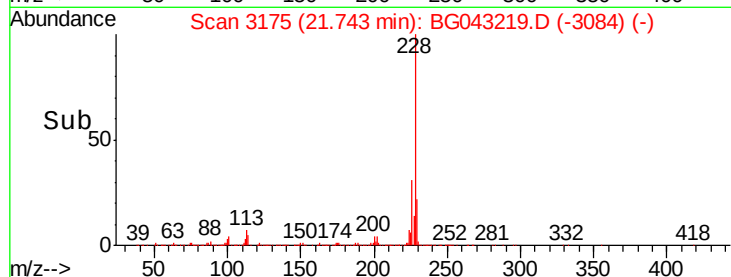
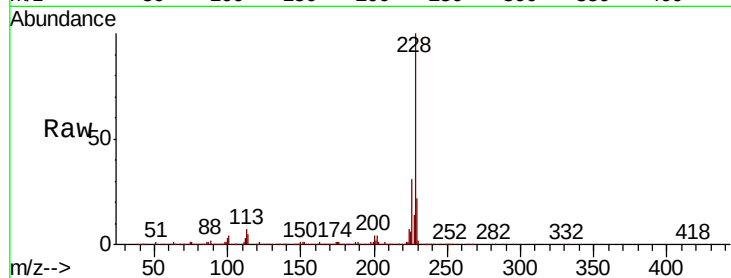
#83
 Chrysene
 Concen: 49.626 ng
 RT: 21.74 min Scan# 3175
 Delta R.T. 0.01 min
 Lab File: BG043219.D
 Acq: 15 Oct 2019 15:20

Instrument :
 BNA_G
 ClientSampleId :
 20190879-COMPOSITE-KMSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.1	25.6	38.4
229	22.1	16.9	25.3

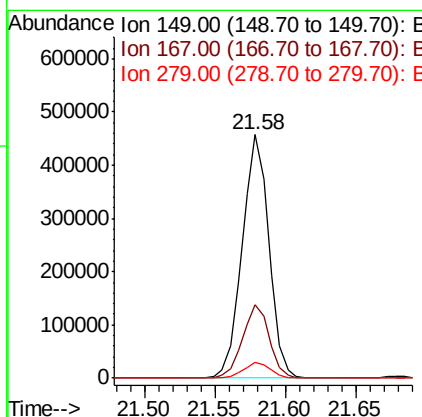
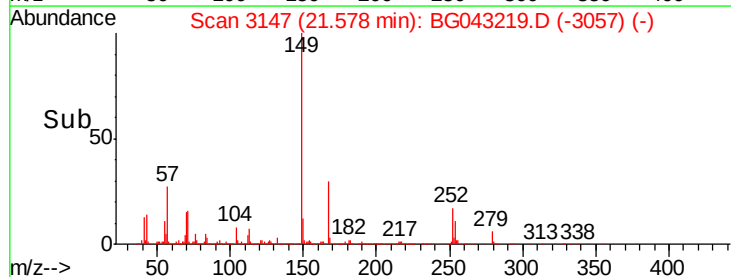
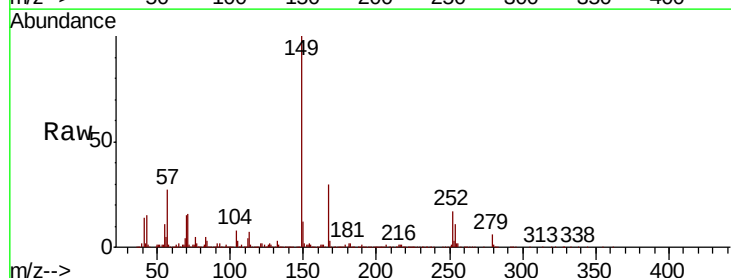
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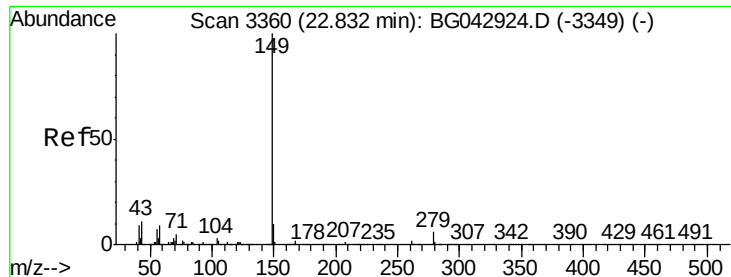
mohammad
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 51.499 ng
 RT: 21.58 min Scan# 3147
 Delta R.T. -0.00 min
 Lab File: BG043219.D
 Acq: 15 Oct 2019 15:20

Tgt Ion	Ratio	Lower	Upper
149	100		
167	30.4	25.4	38.2
279	6.3	5.1	7.7





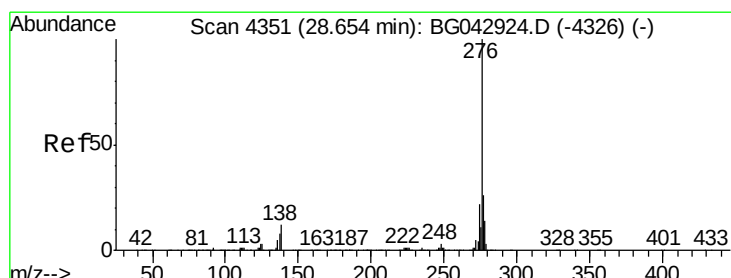
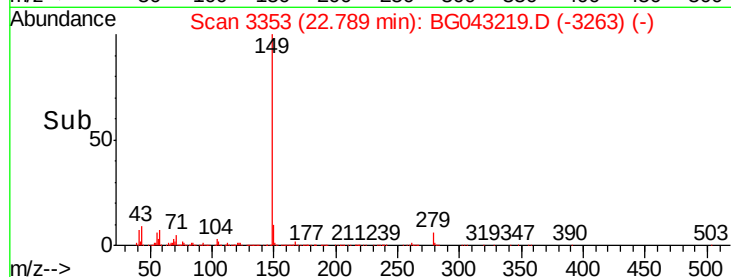
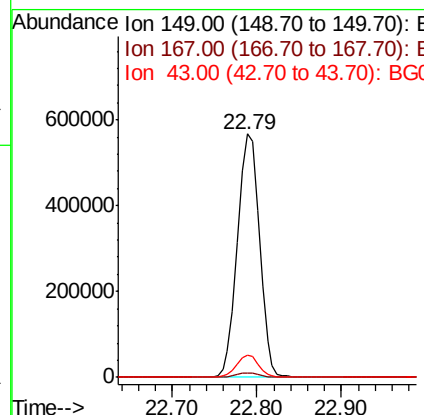
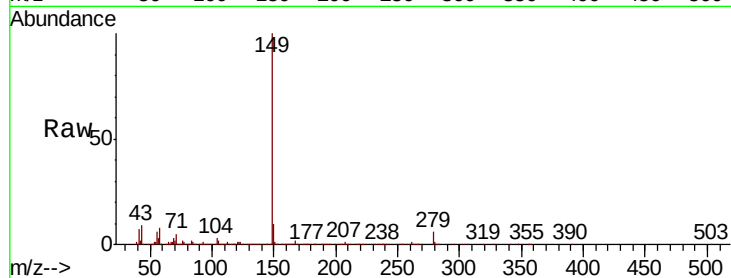
#85
Di-n-octyl phthalate
Concen: 53.226 ng
RT: 22.79 min Scan# 3353
Delta R.T. -0.00 min
Lab File: BG043219.D
Acq: 15 Oct 2019 15:20

Instrument :
BNA_G
ClientSampleId :
20190879-COMPOSITE-KMSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.9	1.4	2.0
43	9.0	8.7	13.1

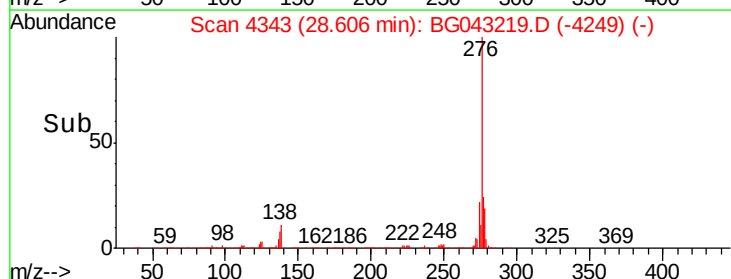
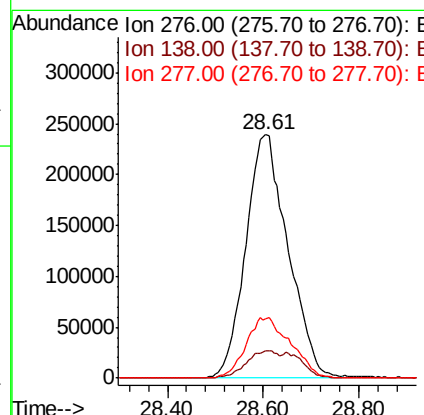
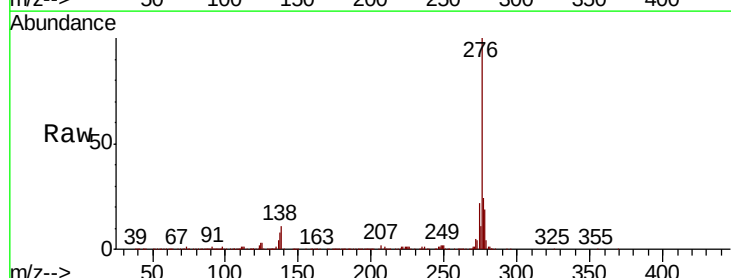
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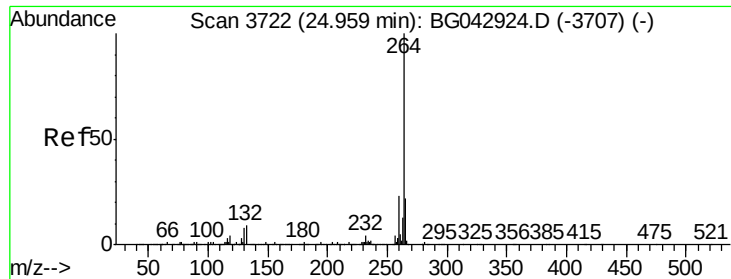
mohammad
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#86
Indeno(1,2,3-cd)pyrene
Concen: 53.494 ng
RT: 28.61 min Scan# 4343
Delta R.T. 0.02 min
Lab File: BG043219.D
Acq: 15 Oct 2019 15:20

Tgt Ion	Ratio	Lower	Upper
276	100		
138	8.5	7.0	10.6
277	26.3	20.9	31.3





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.92 min Scan# 3716

Delta R.T. 0.01 min

Lab File: BG043219.D

Acq: 15 Oct 2019 15:20

Instrument :

BNA_G

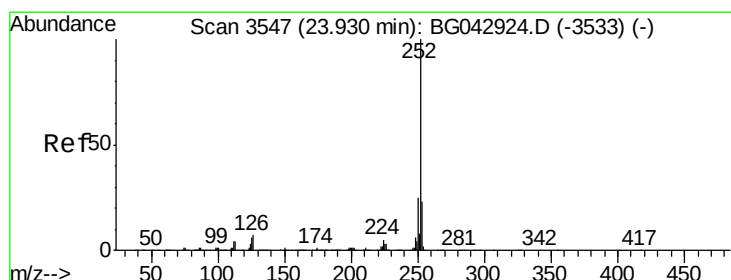
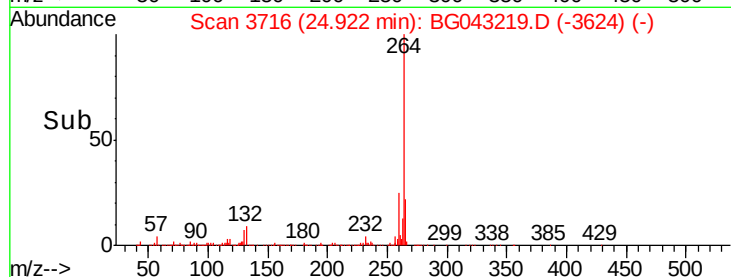
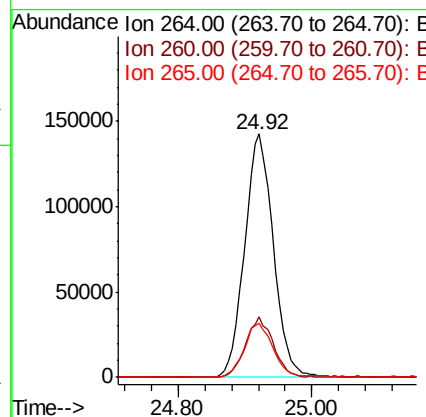
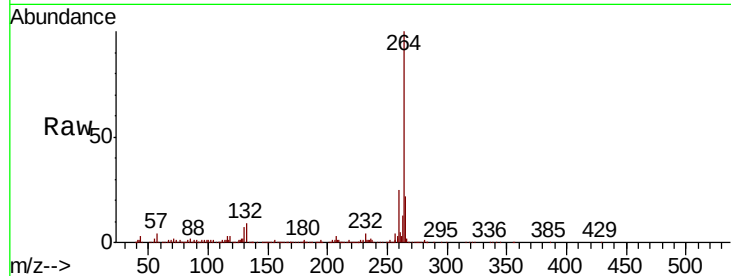
ClientSampleId :

20190879-COMPOSITE-KMSD

Tot Ion:	264	Resp:	421303
Ion Ratio	Lower	Upper	
264	100		
260	24.6	18.7	28.1
265	22.2	17.7	26.5

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#88

Benzo(b)fluoranthene

Concen: 51.095 ng

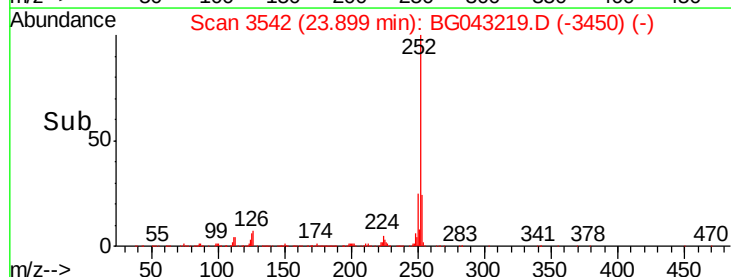
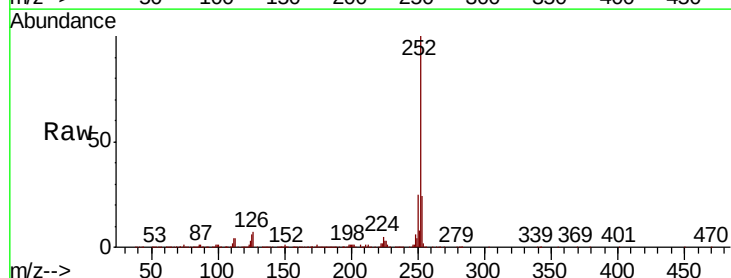
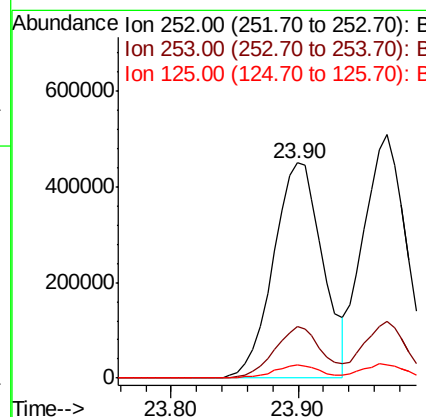
RT: 23.90 min Scan# 3542

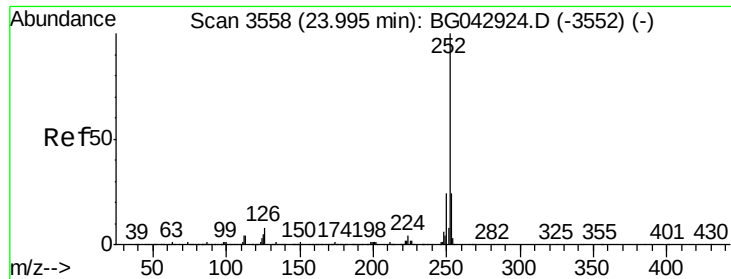
Delta R.T. 0.01 min

Lab File: BG043219.D

Acq: 15 Oct 2019 15:20

Tgt Ion:	252	Resp:	1218022
Ion Ratio	Lower	Upper	
252	100		
253	23.7	18.2	27.2
125	6.4	4.6	7.0





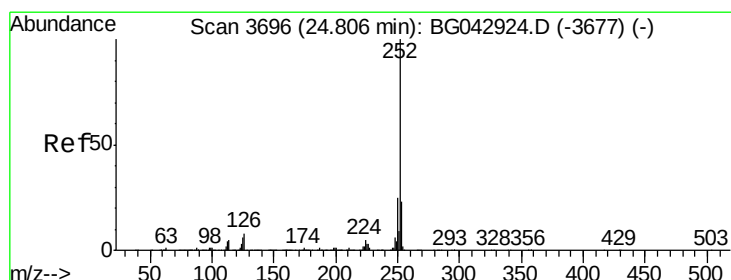
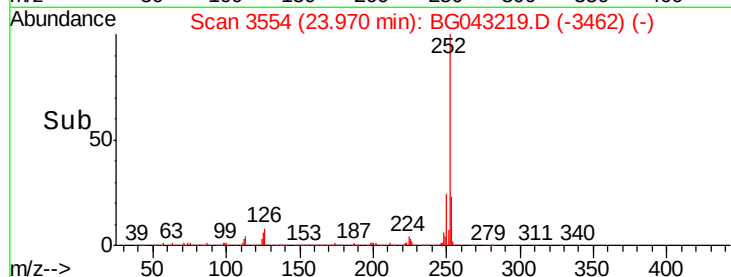
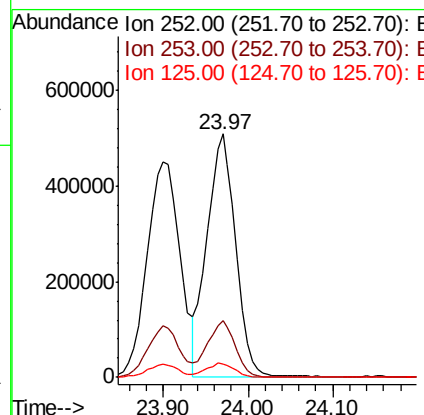
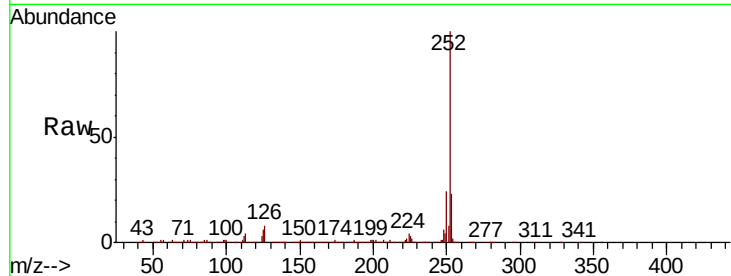
#89
Benzo(k)fluoranthene
Concen: 50.975 ng
RT: 23.97 min Scan# 3554
Delta R.T. 0.01 min
Lab File: BG043219.D
Acq: 15 Oct 2019 15:20

Instrument :
BNA_G
ClientSampleId :
20190879-COMPOSITE-KMSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.9	28.3
125	5.7	4.5	6.7

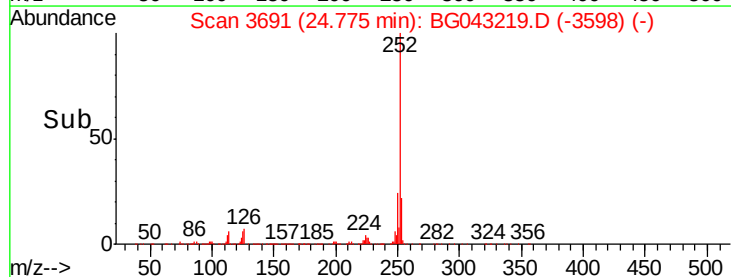
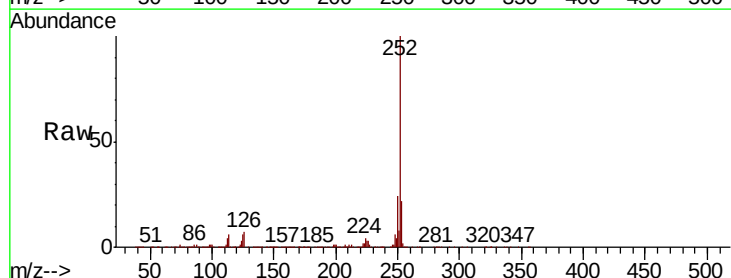
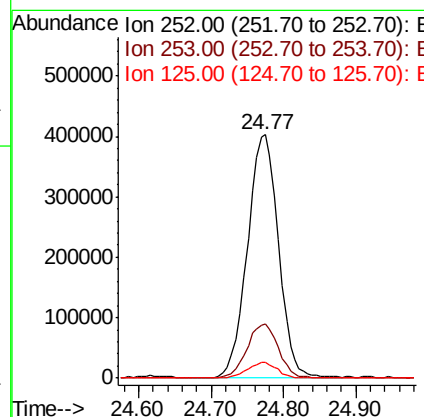
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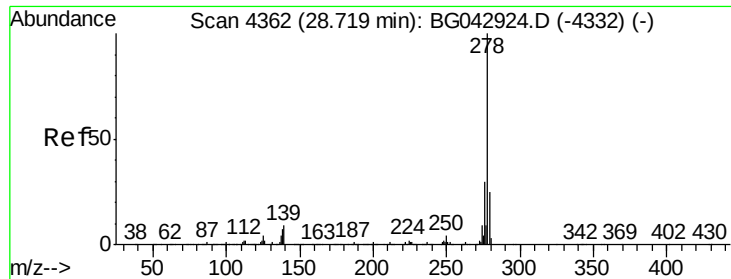
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#90
Benzo(a)pyrene
Concen: 53.229 ng
RT: 24.77 min Scan# 3691
Delta R.T. 0.02 min
Lab File: BG043219.D
Acq: 15 Oct 2019 15:20

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.2	27.4
125	6.3	5.0	7.6





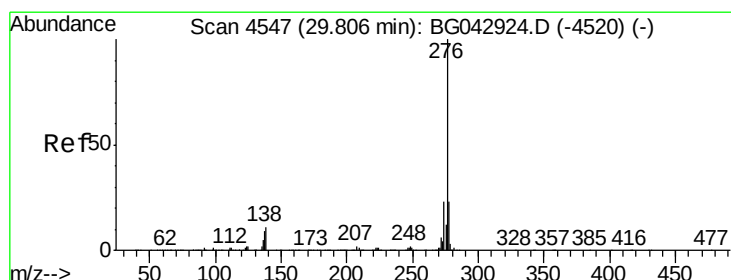
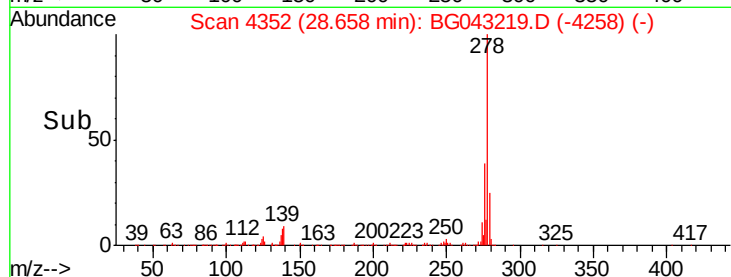
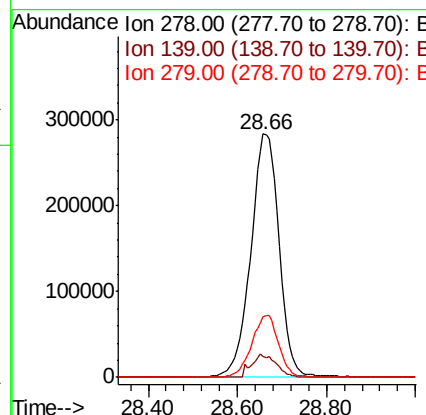
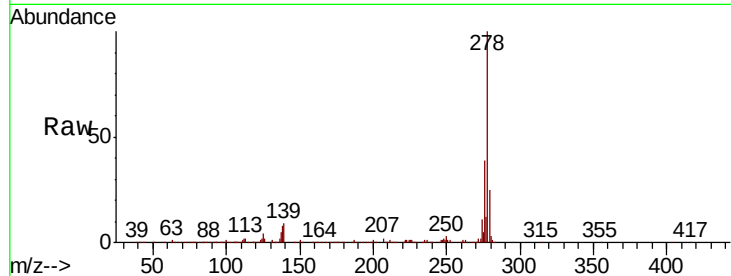
#91
Dibenzo(a,h)anthracene
Concen: 53.236 ng
RT: 28.66 min Scan# 4352
Delta R.T. 0.02 min
Lab File: BG043219.D
Acq: 15 Oct 2019 15:20

Instrument :
BNA_G
ClientSampleId :
20190879-COMPOSITE-KMSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	8.8	6.8	10.2
279	24.7	20.1	30.1

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#92
Benzo(g,h,i)perylene
Concen: 54.864 ng
RT: 29.76 min Scan# 4539
Delta R.T. 0.04 min
Lab File: BG043219.D
Acq: 15 Oct 2019 15:20

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.6	18.4	27.6
138	12.4	8.6	12.8

