

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101619\
 Data File : BG043247.D
 Acq On : 16 Oct 2019 16:23
 Operator : JU
 Sample : PB123988BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB123988BS

Manual Integrations
 APPROVED

mohammad
 10/18/2019 8:25:58 AM

Quant Time: Oct 16 17:47:46 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	49042	20.00	ng	-0.01
21) Naphthalene-d8	10.86	136	178047	20.00	ng	0.00
39) Acenaphthene-d10	14.68	164	129938	20.00	ng	0.00
64) Phenanthrene-d10	17.43	188	316441	20.00	ng	0.00
76) Chrysene-d12	21.70	240	346919	20.00	ng	0.00
87) Perylene-d12	24.93	264	299706	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.63	112	321060	116.83	ng	0.00
7) Phenol-d6	7.23	99	427575	108.05	ng	0.00
23) Nitrobenzene-d5	9.21	82	222609	60.77	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	281238	125.87	ng	0.00
45) 2-Fluorobiphenyl	13.30	172	570445	63.64	ng	0.00
79) Terphenyl-d14	20.03	244	1146756	70.44	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.52	88	34589	30.189	ng	89
3) Pyridine	3.92	79	83820	26.011	ng	85
4) n-Nitrosodimethylamine	3.83	42	59019	38.085	ng	# 89
6) Aniline	7.38	93	132262	27.687	ng	98
8) 2-Chlorophenol	7.62	128	125620	43.834	ng	96
9) Benzaldehyde	7.19	77	41342	17.096	ng	83
10) Phenol	7.25	94	151805	41.811	ng	92
11) bis(2-Chloroethyl)ether	7.47	93	105417	37.526	ng	89
12) 1,3-Dichlorobenzene	7.94	146	142304	38.924	ng	98
13) 1,4-Dichlorobenzene	8.08	146	147483	40.467	ng	96
14) 1,2-Dichlorobenzene	8.41	146	140113	40.382	ng	93
15) Benzyl Alcohol	8.29	79	112190	37.708	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.57	45	145323	26.937	ng	95
17) 2-Methylphenol	8.50	107	106520	41.929	ng	99
18) Hexachloroethane	9.13	117	50870	37.062	ng	97
19) n-Nitroso-di-n-propylamine	8.85	70	91239	35.112	ng	# 96
20) 3+4-Methylphenols	8.83	107	143823	41.311	ng	97
22) Acetophenone	8.87	105	182773	39.824	ng	# 95
24) Nitrobenzene	9.25	77	139746	39.995	ng	93
25) Isophorone	9.78	82	262666	40.822	ng	96
26) 2-Nitrophenol	9.97	139	67807	45.587	ng	95
27) 2,4-Dimethylphenol	10.03	122	112252	49.141	ng	96
28) bis(2-Chloroethoxy)methane	10.26	93	139924	38.328	ng	99
29) 2,4-Dichlorophenol	10.51	162	131684	46.353	ng	99
30) 1,2,4-Trichlorobenzene	10.72	180	150096	40.913	ng	99
31) Naphthalene	10.91	128	381939	43.577	ng	99
32) Benzoic acid	10.19	122	60856	36.249	ng	93
33) 4-Chloroaniline	11.02	127	97173	25.550	ng	95
34) Hexachlorobutadiene	11.20	225	106596	38.805	ng	98
35) Caprolactam	11.78	113	40234m	40.160	ng	
36) 4-Chloro-3-methylphenol	12.14	107	141104	45.681	ng	96
37) 2-Methylnaphthalene	12.51	142	290413	43.434	ng	94
38) 1-Methylnaphthalene	12.72	142	273179	43.178	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.87	216	189600	38.808	ng	99

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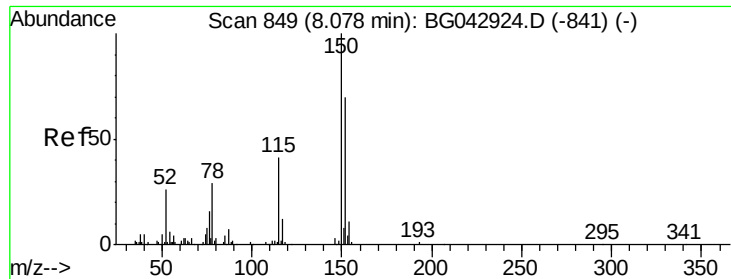
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.85	237	177783	57.112	ng	97
43) 2,4,6-Trichlorophenol	13.11	196	122639	42.888	ng	97
44) 2,4,5-Trichlorophenol	13.19	196	132753	45.066	ng	97
46) 1,1'-Biphenyl	13.51	154	391987	39.780	ng	98
47) 2-Chloronaphthalene	13.55	162	304194	41.175	ng	97
48) 2-Nitroaniline	13.76	65	93897	38.219	ng	94
49) Acenaphthylene	14.40	152	485759	42.970	ng	98
50) Dimethylphthalate	14.13	163	400022	41.088	ng	99
51) 2,6-Dinitrotoluene	14.25	165	90921	43.853	ng	89
52) Acenaphthene	14.74	154	287364	37.978	ng	98
53) 3-Nitroaniline	14.59	138	66598	31.082	ng	88
54) 2,4-Dinitrophenol	14.79	184	114874	89.137	ng	94
55) Dibenzofuran	15.07	168	475895	42.516	ng	97
56) 4-Nitrophenol	14.90	139	144478	88.498	ng	93
57) 2,4-Dinitrotoluene	15.04	165	130871	43.104	ng	94
58) Fluorene	15.73	166	403100	42.181	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.30	232	137872	43.957	ng	# 98
60) Diethylphthalate	15.49	149	398048	40.174	ng	98
61) 4-Chlorophenyl-phenylether	15.72	204	228679	39.900	ng	98
62) 4-Nitroaniline	15.75	138	88289	37.782	ng	92
63) Azobenzene	16.01	77	346134	38.371	ng	98
65) 4,6-Dinitro-2-methylphenol	15.80	198	87971	49.129	ng	92
66) n-Nitrosodiphenylamine	15.93	169	360706	43.180	ng	99
67) 4-Bromophenyl-phenylether	16.61	248	162323	40.871	ng	98
68) Hexachlorobenzene	16.73	284	185614	41.974	ng	97
69) Atrazine	16.88	200	149312	42.446	ng	97
70) Pentachlorophenol	17.08	266	220606	86.455	ng	99
71) Phenanthrene	17.47	178	657378	42.552	ng	98
72) Anthracene	17.55	178	664160	43.064	ng	99
73) Carbazole	17.82	167	611416	42.751	ng	98
74) Di-n-butylphthalate	18.38	149	701635	41.118	ng	100
75) Fluoranthene	19.48	202	880760	43.103	ng	97
77) Benzidine	19.66	184	187253	21.557	ng	98
78) Pyrene	19.83	202	891761	43.067	ng	99
80) Butylbenzylphthalate	20.72	149	321542	40.911	ng	99
81) Benzo(a)anthracene	21.68	228	905177	41.875	ng	99
82) 3,3'-Dichlorobenzidine	21.59	252	313990	37.035	ng	96
83) Chrysene	21.75	228	872058	41.572	ng	99
84) Bis(2-ethylhexyl)phthalate	21.58	149	459380	41.076	ng	97
85) Di-n-octyl phthalate	22.80	149	793114	43.369	ng	95
86) Indeno(1,2,3-cd)pyrene	28.61	276	1138586	43.600	ng	99
88) Benzo(b)fluoranthene	23.90	252	946338	55.804	ng	100
89) Benzo(k)fluoranthene	23.97	252	958992	57.164	ng	99
90) Benzo(a)pyrene	24.78	252	876104	54.759	ng	99
91) Dibenzo(a,h)anthracene	28.66	278	973436	59.334	ng	98
92) Benzo(g,h,i)perylene	29.76	276	966061	60.773	ng	98

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



#1

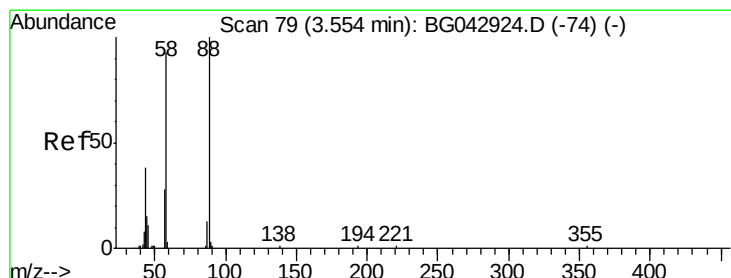
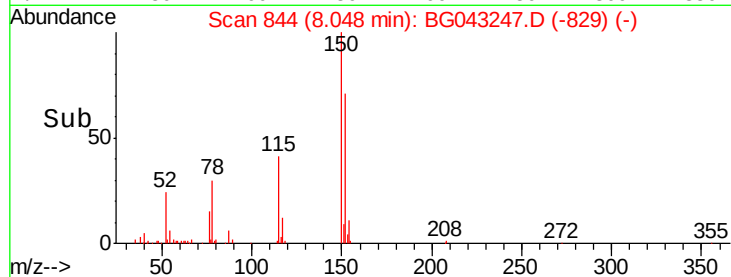
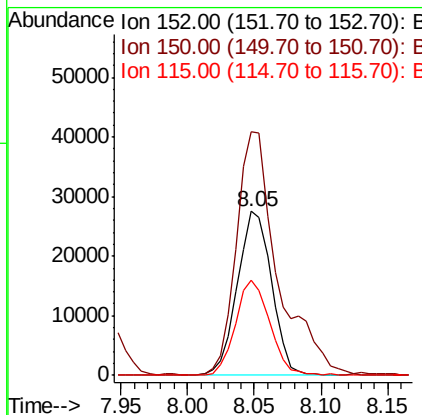
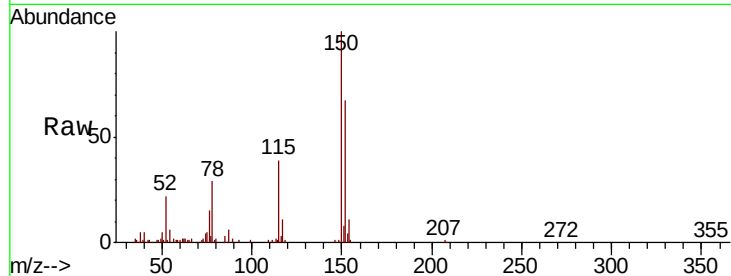
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.01 min
Lab File: BG043247.D
Acq: 16 Oct 2019 16:23

Instrument :
BNA_G
ClientSampleID :
PB123988BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	148.5	115.0	172.4
115	58.1	47.0	70.6

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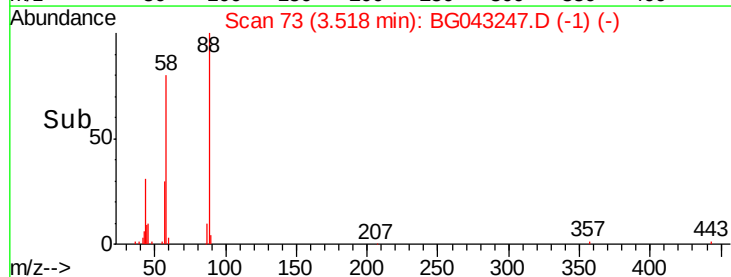
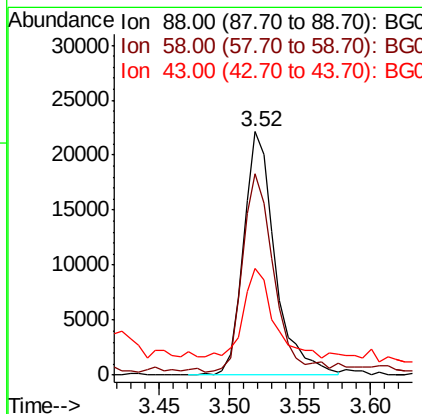
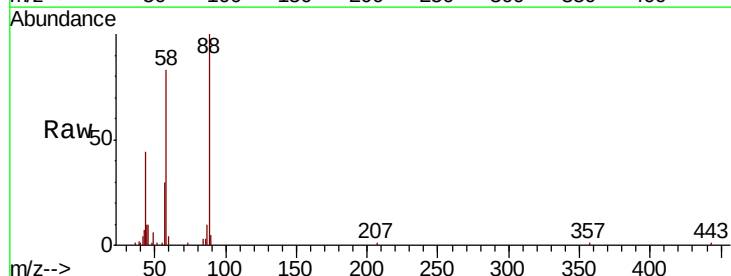
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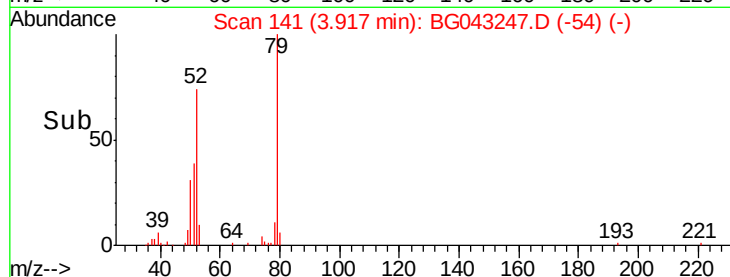
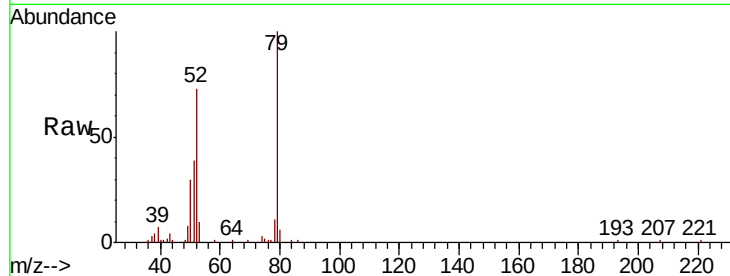
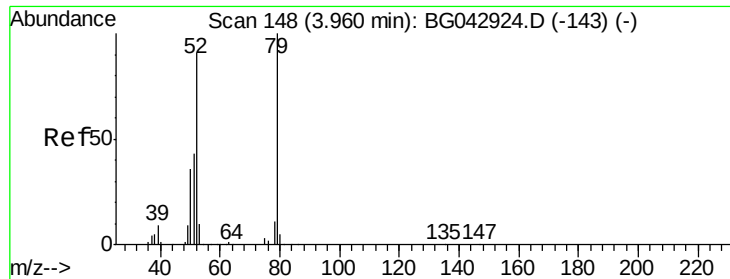


#2

1,4-Dioxane
Concen: 30.189 ng
RT: 3.52 min Scan# 73
Delta R.T. -0.02 min
Lab File: BG043247.D
Acq: 16 Oct 2019 16:23

Tgt Ion	Ratio	Lower	Upper
88	100		
58	80.1	74.3	111.5
43	34.4	29.8	44.8





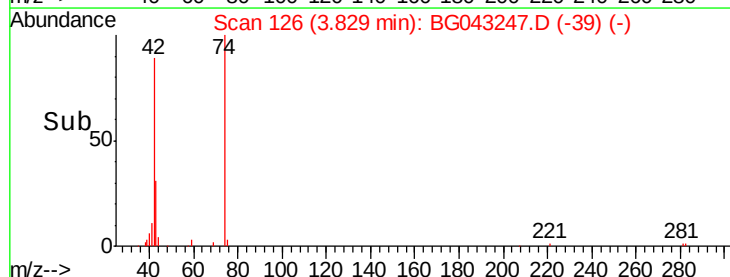
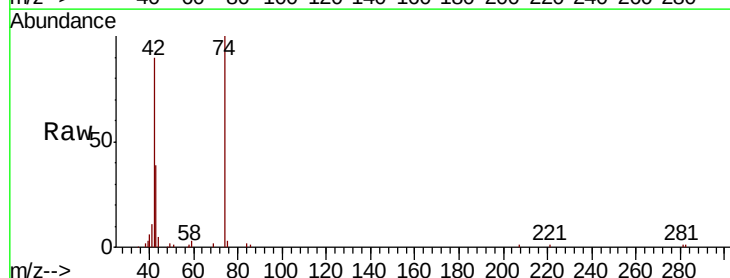
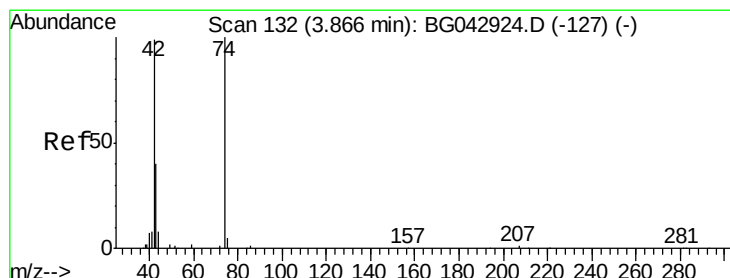
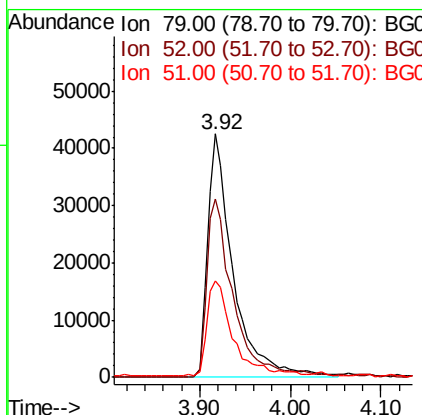
#3
 Pvridine
 Concen: 26.011 ng
 RT: 3.92 min Scan# 141
 Delta R.T. -0.02 min
 Lab File: BG043247.D
 Acq: 16 Oct 2019 16:23

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	79	100			
52	52	73.1		73.0	109.4
51	51	39.5		35.1	52.7

Instrument :
 BNA_G
 ClientSampleId :
 PB123988BS

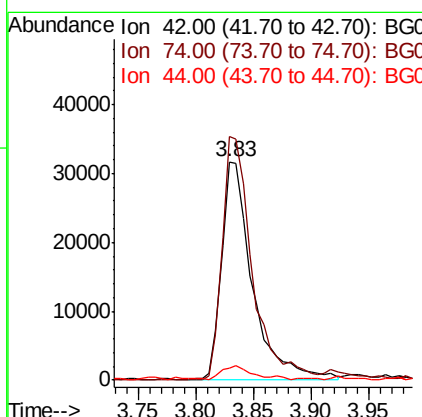
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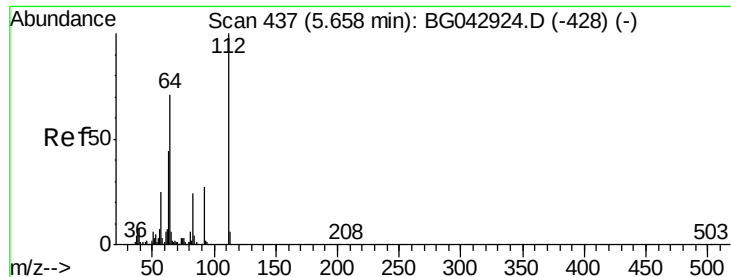
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#4
 n-Nitrosodimethylamine
 Concen: 38.085 ng
 RT: 3.83 min Scan# 126
 Delta R.T. -0.02 min
 Lab File: BG043247.D
 Acq: 16 Oct 2019 16:23

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	42	100			
74	74	111.5		80.5	120.7
44	44	5.3		6.9	10.3#





#5

2-Fluorophenol

Concen: 116.833 ng

RT: 5.63 min Scan# 433

Delta R.T. -0.01 min

Lab File: BG043247.D

Acq: 16 Oct 2019 16:23

Instrument :

BNA_G

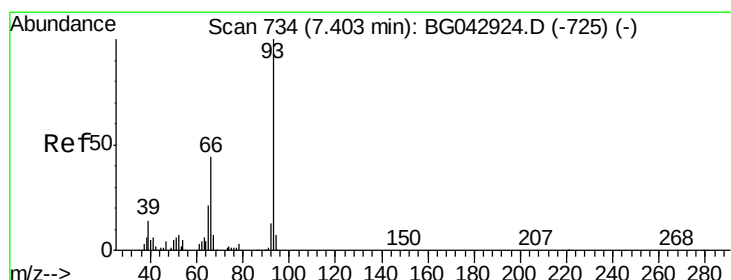
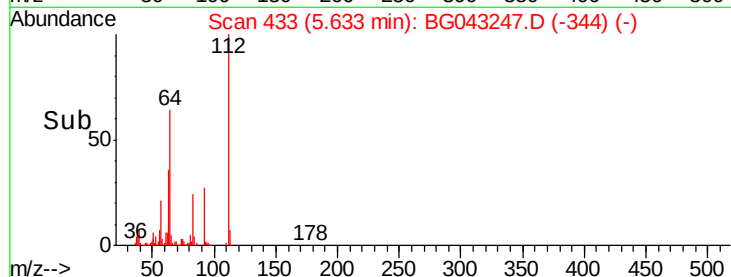
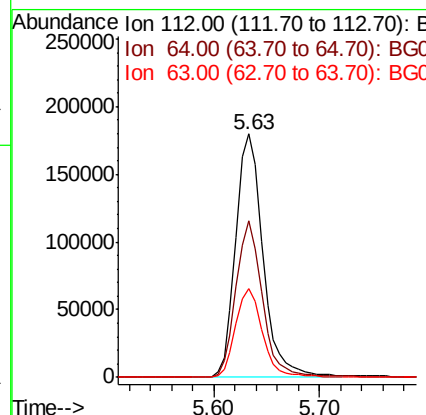
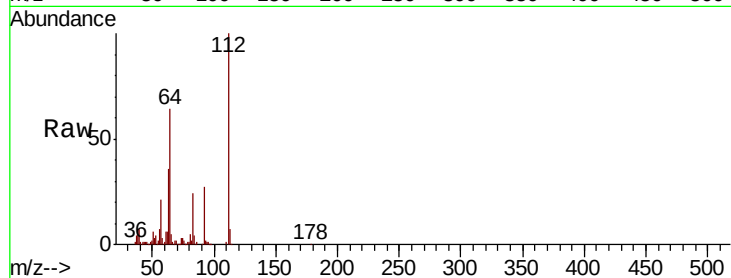
ClientSampleId :

PB123988BS

Tot Ion:	112	Resp:	321060
Ion Ratio	Lower	Upper	
112	100		
64	64.2	56.6	84.8
63	36.3	35.1	52.7

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#6

Aniline

Concen: 27.687 ng

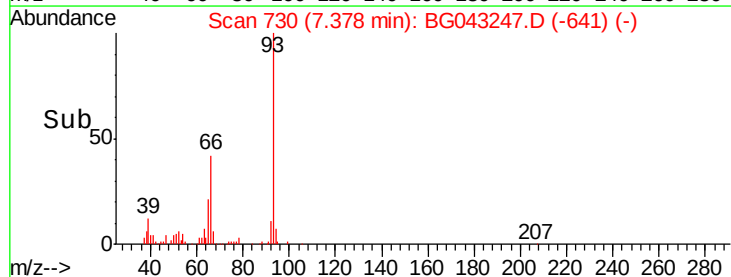
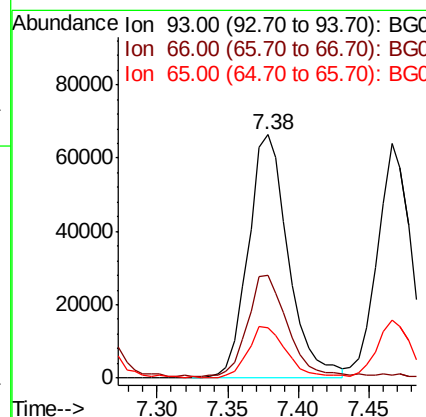
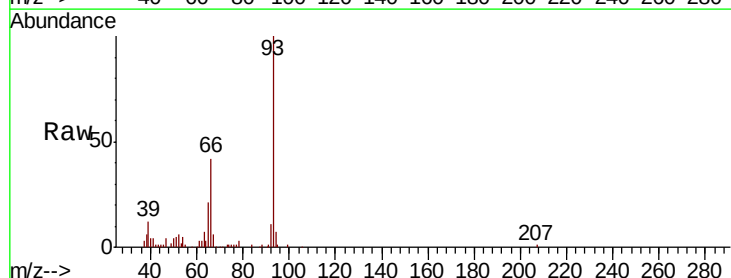
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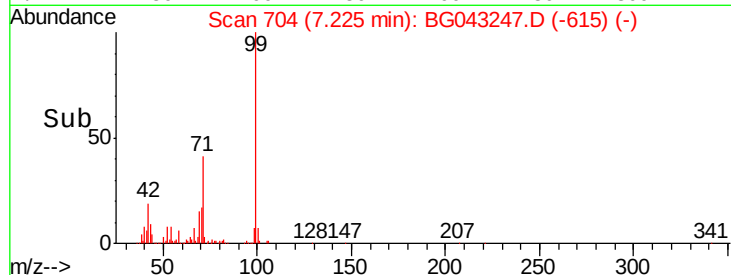
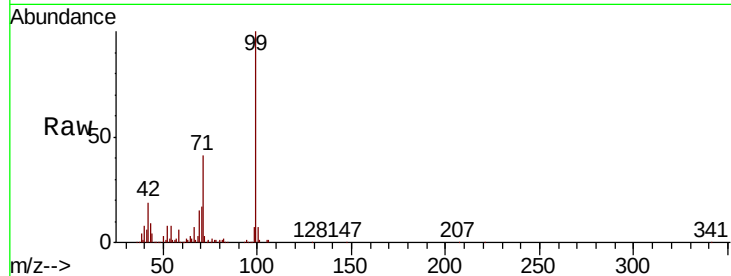
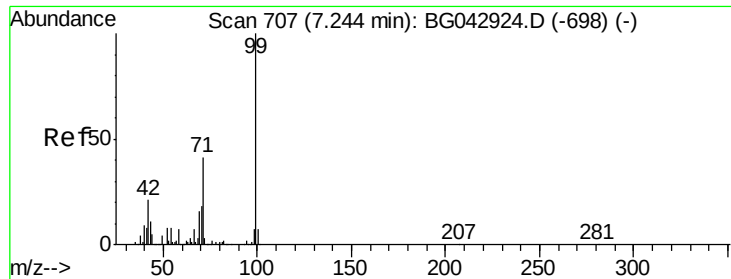
Delta R.T. -0.01 min

Lab File: BG043247.D

Acq: 16 Oct 2019 16:23

Tgt Ion:	93	Resp:	132262
Ion Ratio	Lower	Upper	
93	100		
66	42.0	35.0	52.6
65	20.9	17.4	26.0





#7

Phenol-d6

Concen: 108.046 ng

RT: 7.23 min Scan# 704

Delta R.T. -0.01 min

Lab File: BG043247.D

Acq: 16 Oct 2019 16:23

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		427575		
42	18.6	17.2	25.8		
71	41.5	33.1	49.7		

Instrument :

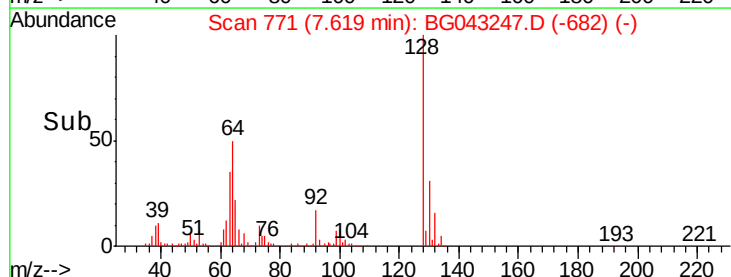
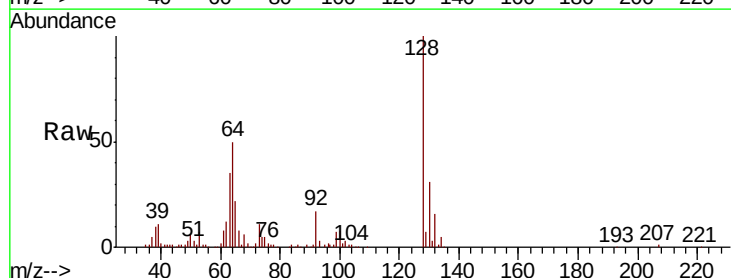
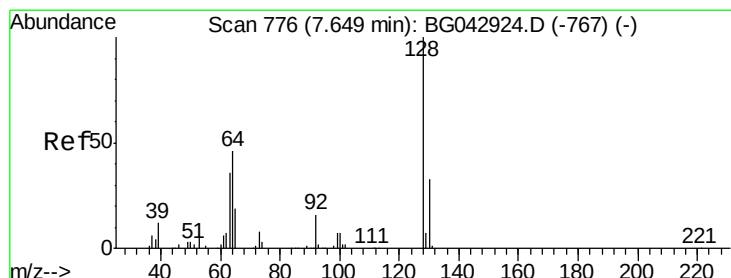
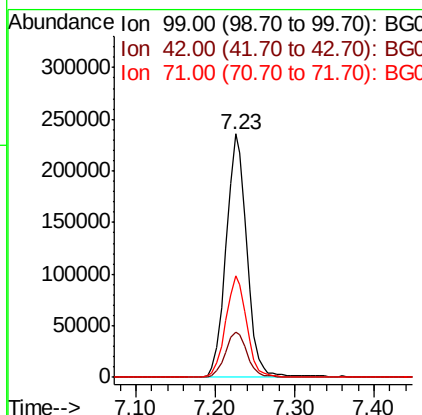
BNA_G

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#8

2-Chlorophenol

Concen: 43.834 ng

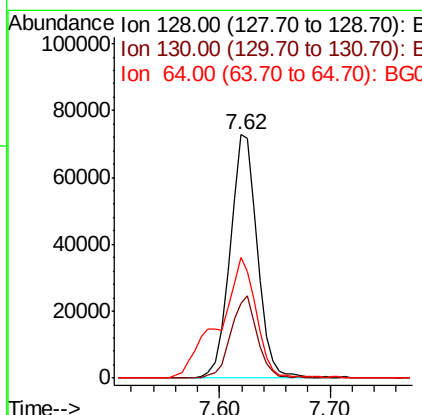
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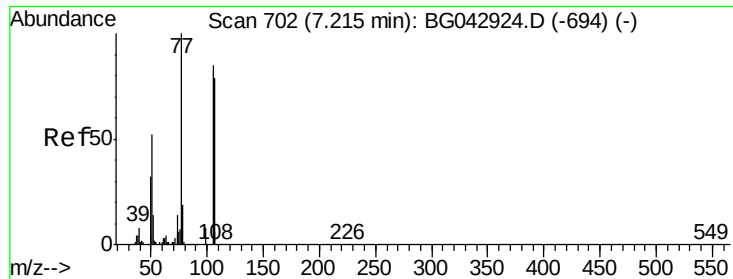
Delta R.T. -0.01 min

Lab File: BG043247.D

Acq: 16 Oct 2019 16:23

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		125620		
130	30.7	12.5	52.5		
64	49.7	32.8	72.8		





#9

Benzaldehyde

Concen: 17.096 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.01 min

Lab File: BG043247.D

Acq: 16 Oct 2019 16:23

Instrument :

BNA_G

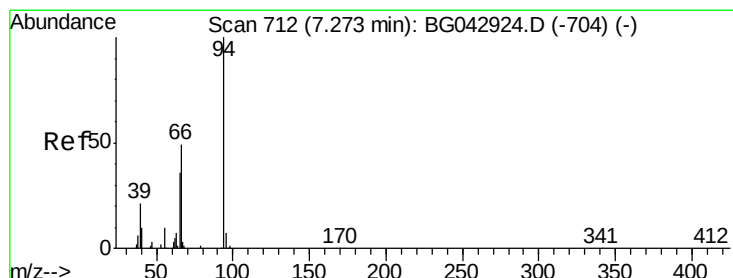
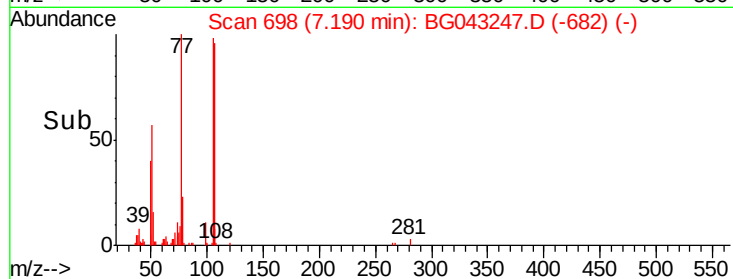
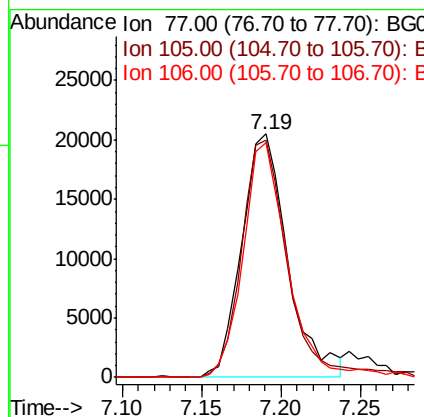
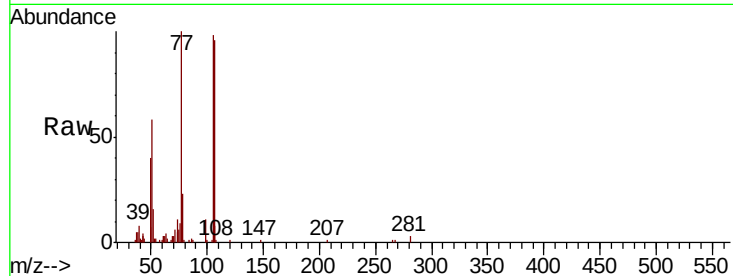
ClientSampleID :

PB123988BS

Tot Ion:	77	Resp:	41342
Ion	Ratio	Lower	Upper
77	100		
105	97.5	64.6	104.6
106	96.5	59.4	99.4

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#10

Phenol

Concen: 41.811 ng

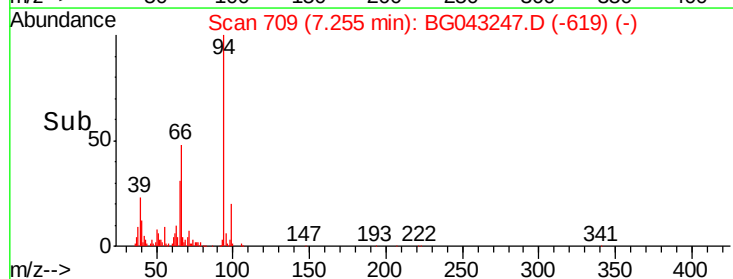
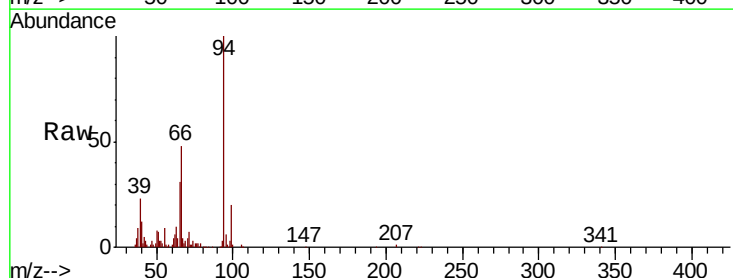
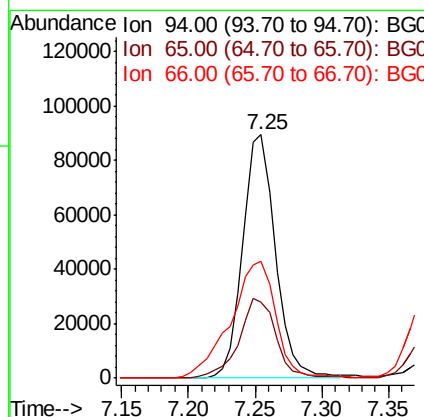
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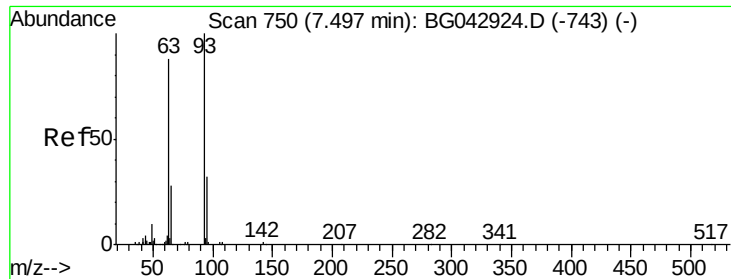
Delta R.T. 0.00 min

Lab File: BG043247.D

Acq: 16 Oct 2019 16:23

Tgt Ion:	94	Resp:	151805
Ion	Ratio	Lower	Upper
94	100		
65	31.2	16.6	56.6
66	47.8	32.4	72.4





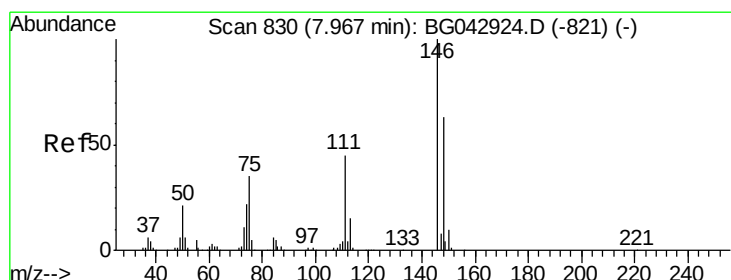
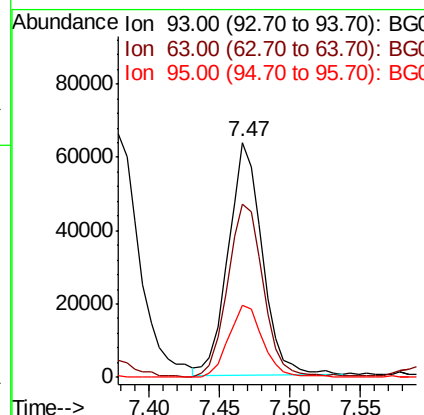
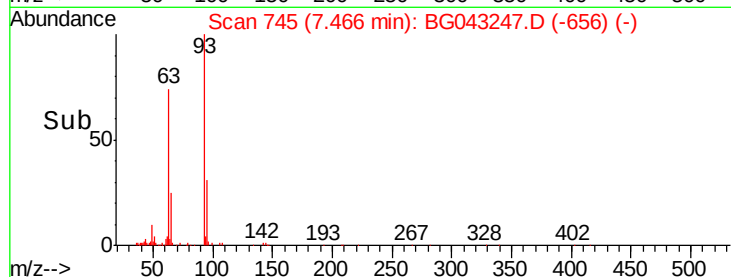
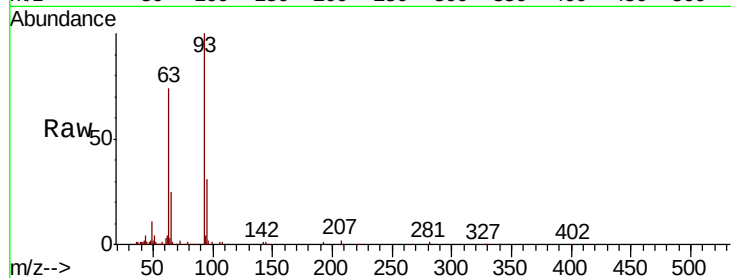
#11
bis(2-Chloroethyl)ether
Concen: 37.526 ng
RT: 7.47 min Scan# 745
Delta R.T. -0.01 min
Lab File: BG043247.D
Acq: 16 Oct 2019 16:23

Instrument :
BNA_G
ClientSampleId :
PB123988BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	74.0	67.4	107.4
95	30.9	11.9	51.9

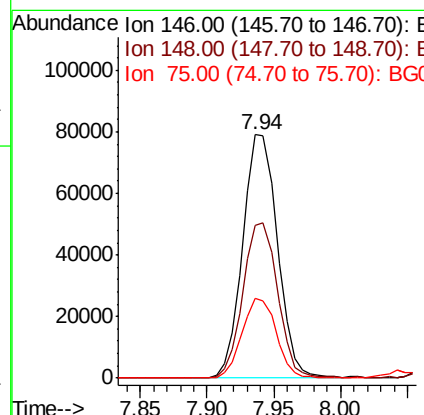
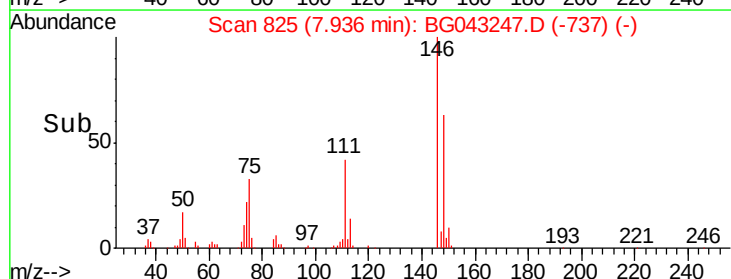
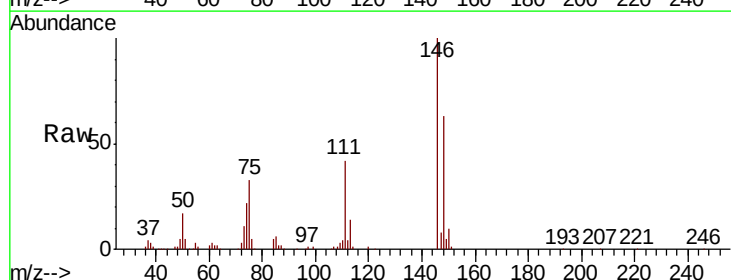
Manual Integrations
APPROVED

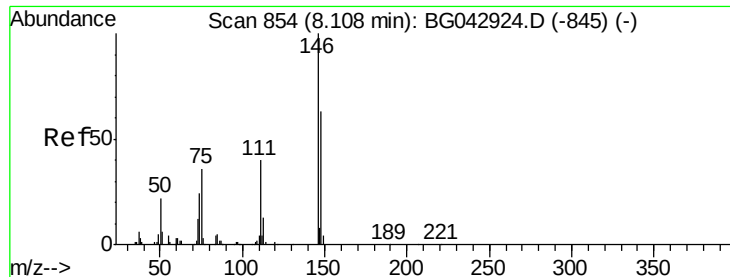
mohammad
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#12
1,3-Dichlorobenzene
Concen: 38.924 ng
RT: 7.94 min Scan# 825
Delta R.T. -0.01 min
Lab File: BG043247.D
Acq: 16 Oct 2019 16:23

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.6	50.7	76.1
75	32.5	27.7	41.5





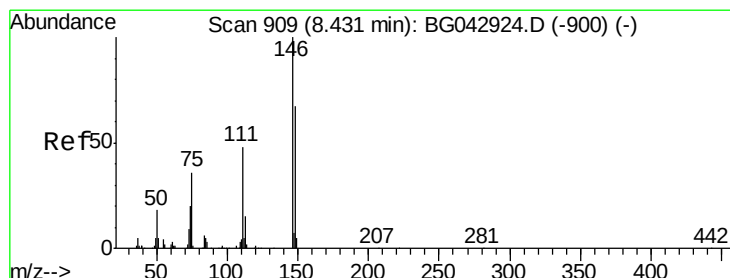
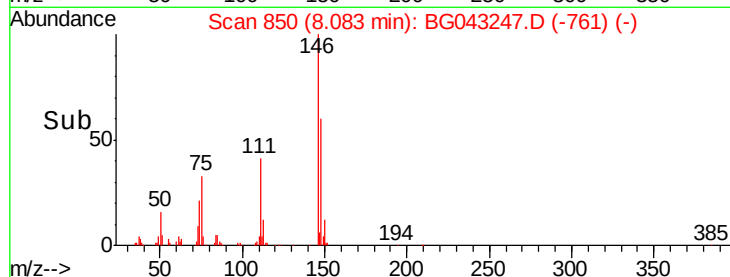
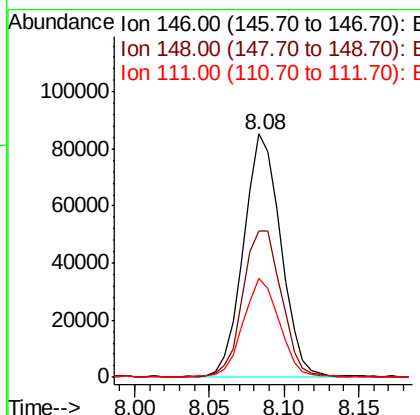
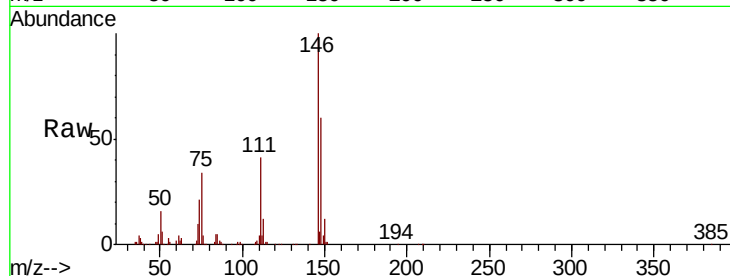
#13
 1,4-Dichlorobenzene
 Concen: 40.467 ng
 RT: 8.08 min Scan# 850
 Delta R.T. -0.01 min
 Lab File: BG043247.D
 Acq: 16 Oct 2019 16:23

Instrument :
 BNA_G
 ClientSampleId :
 PB123988BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	60.0	50.9	76.3
111	40.9	31.8	47.8

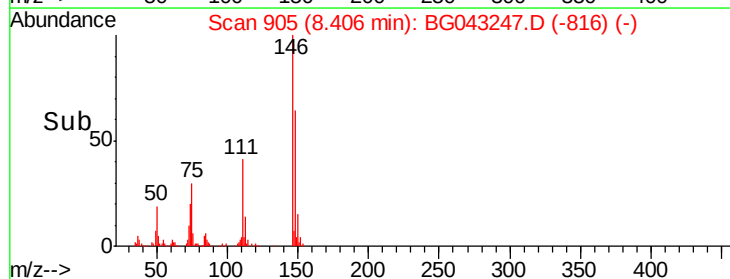
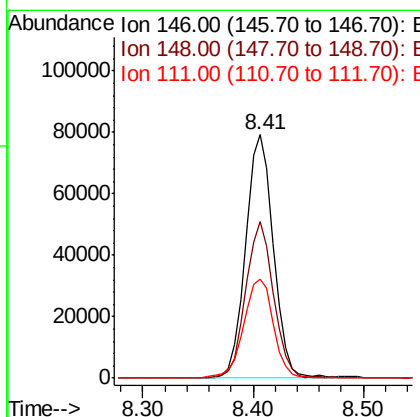
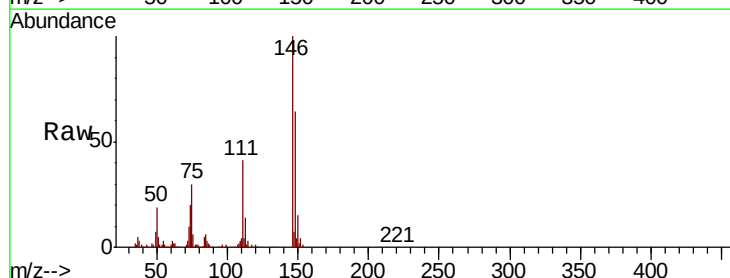
Manual Integrations
 APPROVED

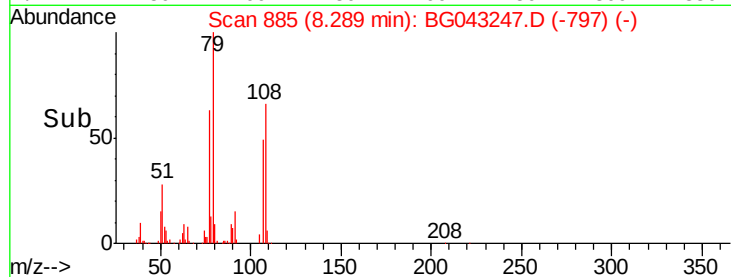
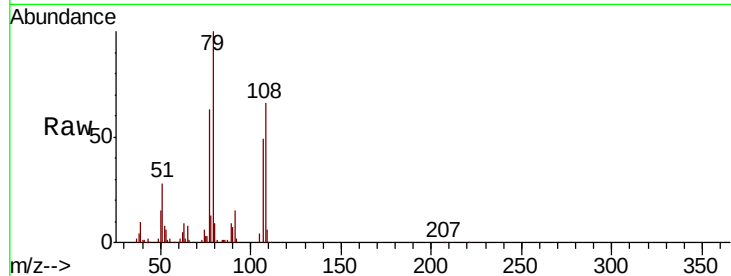
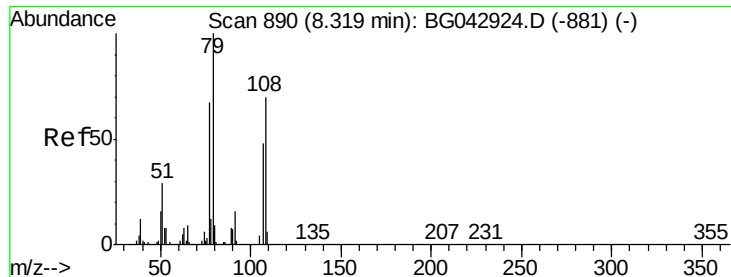
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#14
 1,2-Dichlorobenzene
 Concen: 40.382 ng
 RT: 8.41 min Scan# 905
 Delta R.T. -0.01 min
 Lab File: BG043247.D
 Acq: 16 Oct 2019 16:23

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.1	53.4	80.2
111	40.6	38.5	57.7





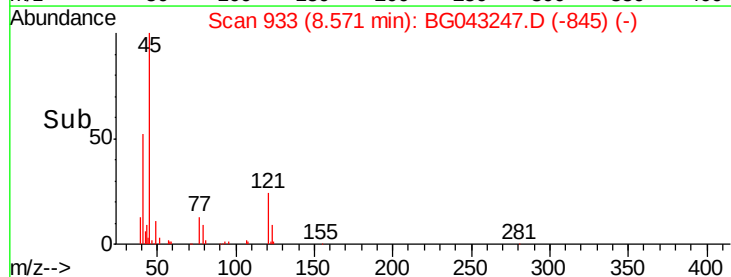
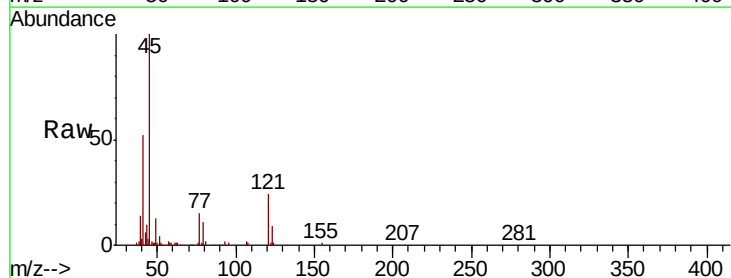
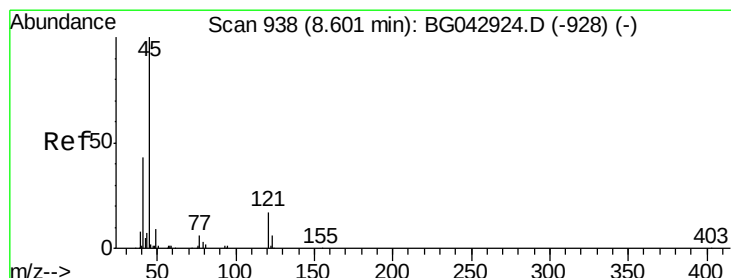
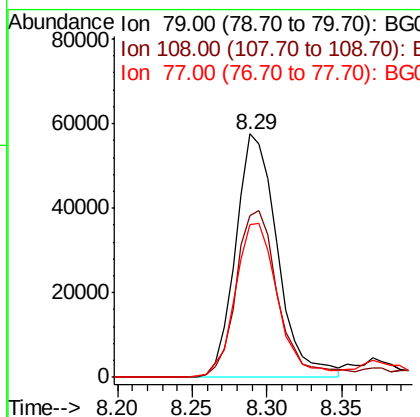
#15
Benzyl Alcohol
Concen: 37.708 ng
RT: 8.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BG043247.D
Acq: 16 Oct 2019 16:23

Tot Ion	79	Resp	112190
Ion Ratio	Lower	Upper	
79	100		
108	66.2	55.7	83.5
77	62.8	53.3	79.9

Instrument :
BNA_G
ClientSampleId :
PB123988BS

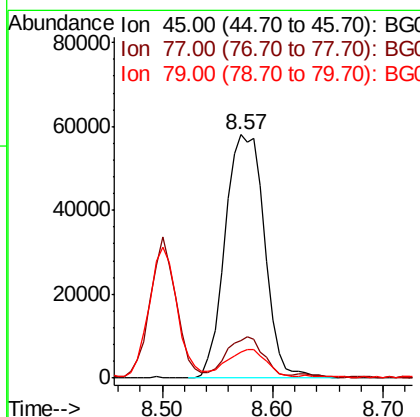
Manual Integrations
APPROVED

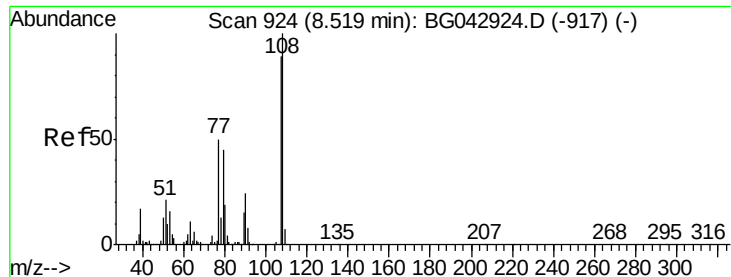
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 26.937 ng
RT: 8.57 min Scan# 933
Delta R.T. -0.01 min
Lab File: BG043247.D
Acq: 16 Oct 2019 16:23

Tgt Ion	45	Resp	145323
Ion Ratio	Lower	Upper	
45	100		
77	15.2	0.0	32.8
79	10.9	0.0	29.4





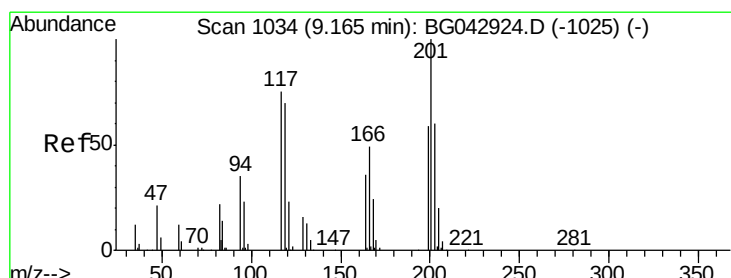
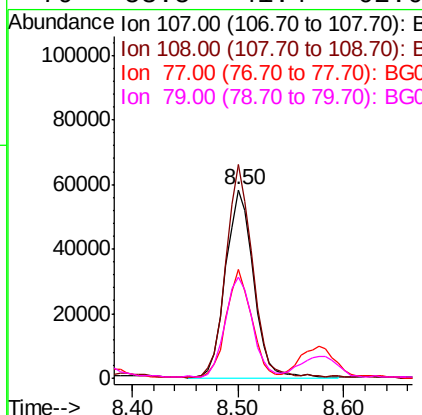
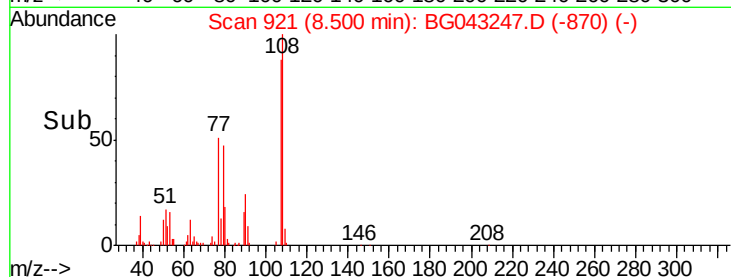
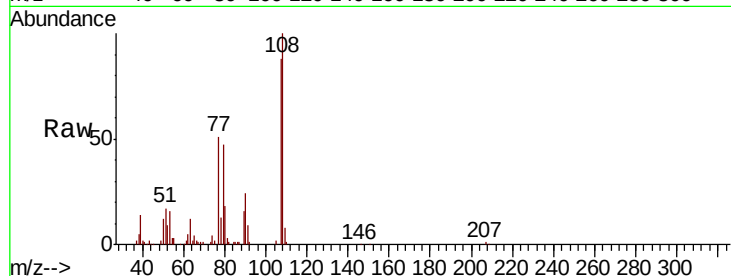
#17
2-Methylphenol
Concen: 41.929 ng
RT: 8.50 min Scan# 921
Delta R.T. 0.00 min
Lab File: BG043247.D
Acq: 16 Oct 2019 16:23

Instrument :
BNA_G
ClientSampleId :
PB123988BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.3	89.9	134.9	
77	57.9	45.4	68.2	
79	53.5	41.4	62.0	

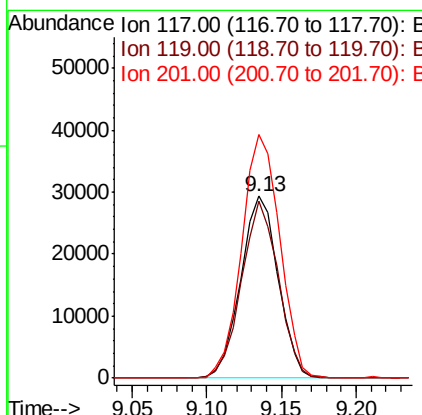
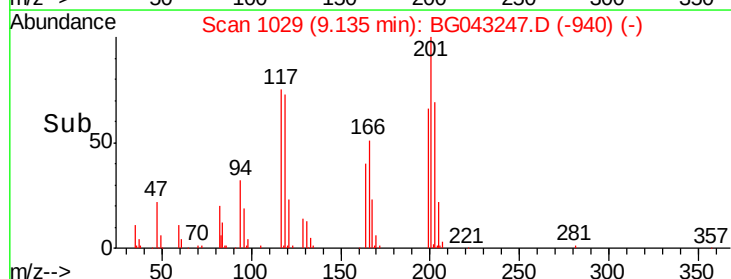
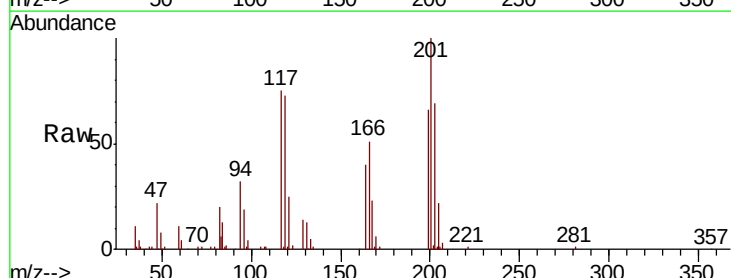
Manual Integrations
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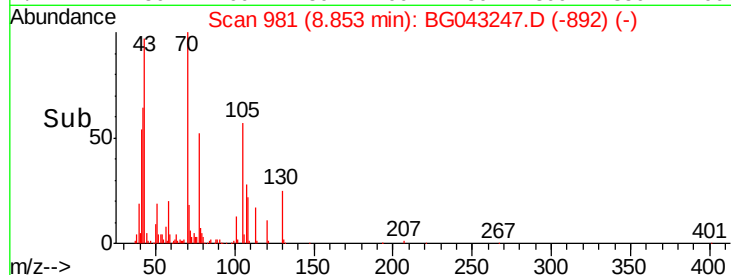
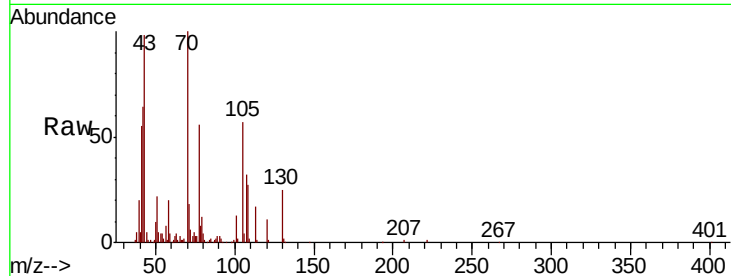
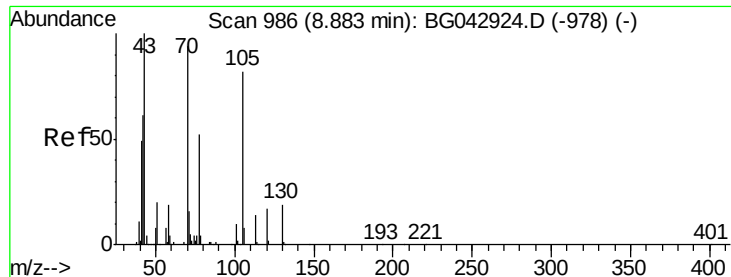
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#18
Hexachloroethane
Concen: 37.062 ng
RT: 9.13 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BG043247.D
Acq: 16 Oct 2019 16:23

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	97.6	74.6	111.8	
201	134.0	106.0	159.0	





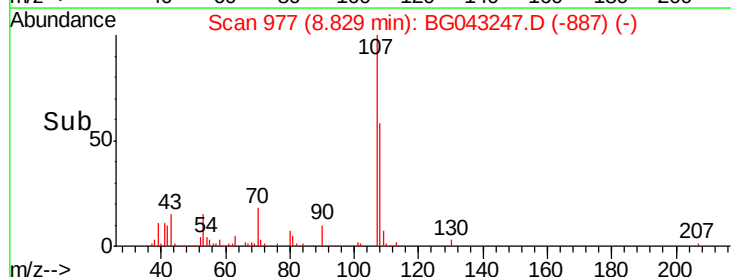
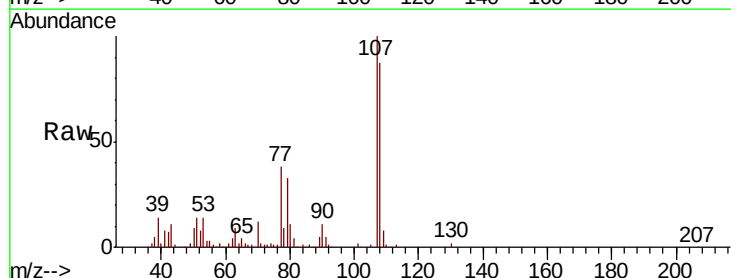
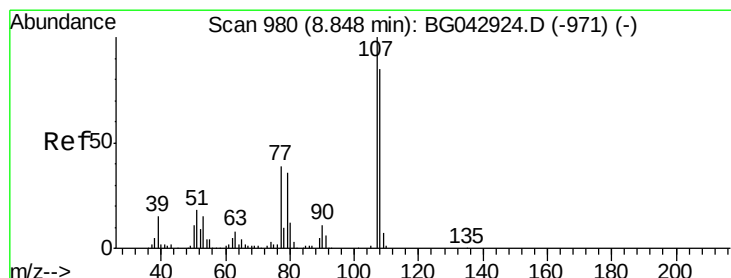
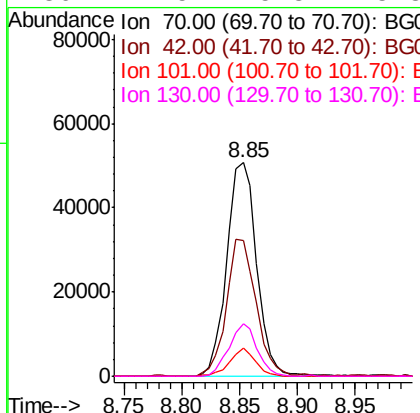
#19
n-Nitroso-di-n-propylamine
Concen: 35.112 ng
RT: 8.85 min Scan# 981
Delta R.T. -0.01 min
Lab File: BG043247.D
Acq: 16 Oct 2019 16:23

Instrument :
BNA_G
ClientSampleId :
PB123988BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	63.8	52.6	79.0
101	13.0	8.7	13.1
130	24.5	15.8	23.8

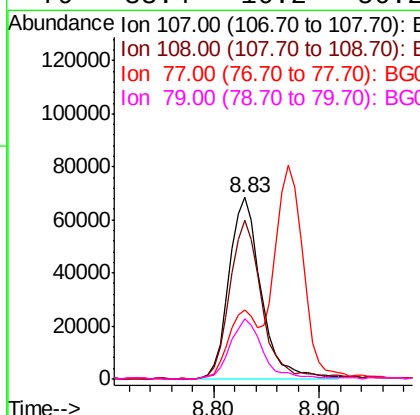
Manual Integrations
APPROVED

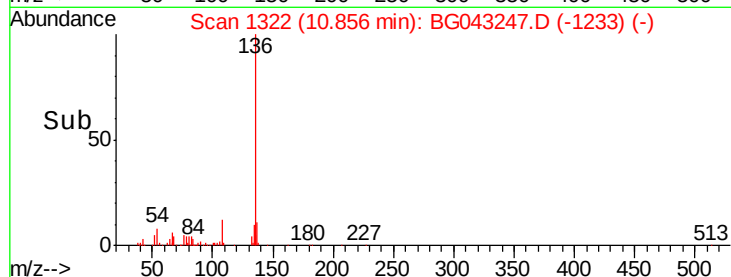
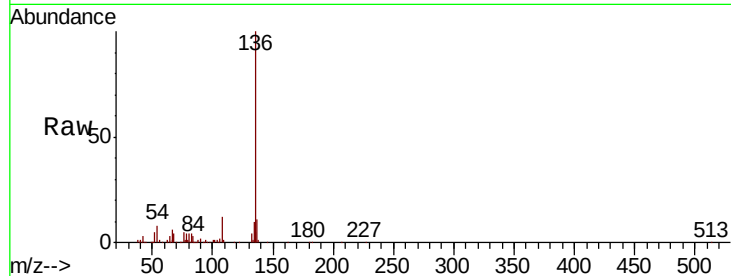
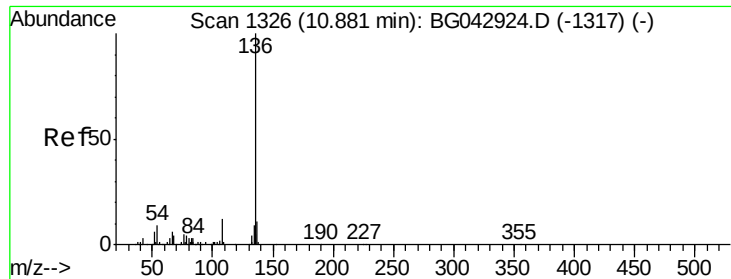
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#20
3+4-Methylphenols
Concen: 41.311 ng
RT: 8.83 min Scan# 977
Delta R.T. 0.00 min
Lab File: BG043247.D
Acq: 16 Oct 2019 16:23

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.2	64.9	104.9
77	38.0	19.4	59.4
79	33.4	16.2	56.2





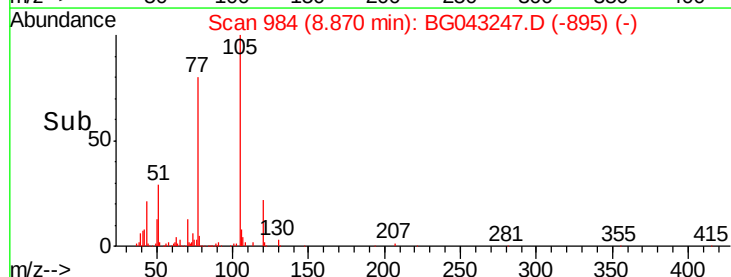
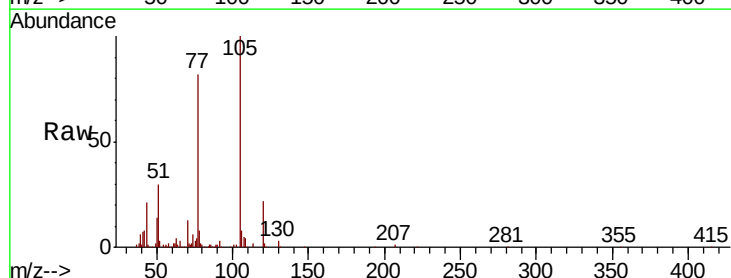
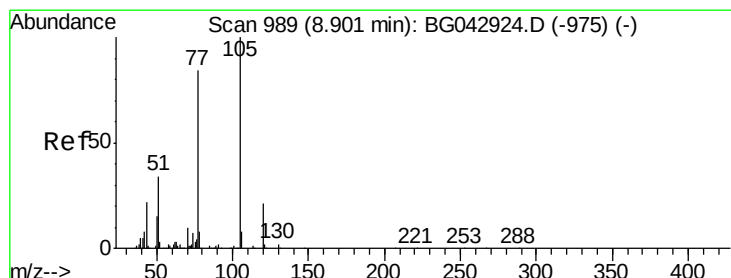
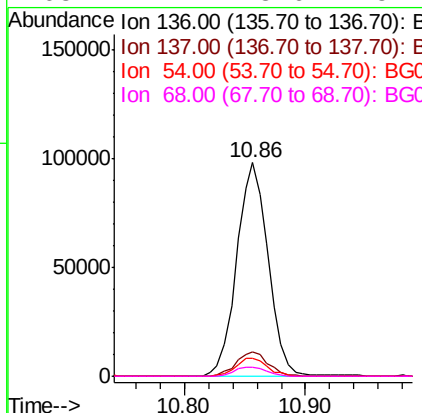
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BG043247.D
Acq: 16 Oct 2019 16:23

Tot Ion	136	Resp	178047
Ion Ratio	Lower	Upper	
136	100		
137	11.2	8.5	12.7
54	8.3	7.4	11.2
68	4.2	3.6	5.4

Instrument :
BNA_G
ClientSampleId :
PB123988BS

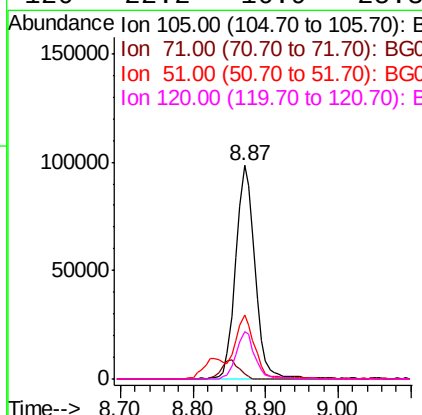
Manual Integrations
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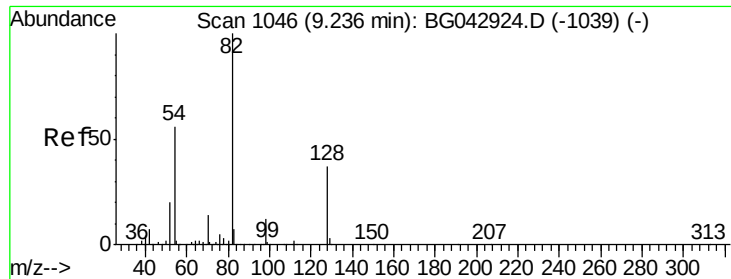
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#22
Acetophenone
Concen: 39.824 ng
RT: 8.87 min Scan# 984
Delta R.T. -0.01 min
Lab File: BG043247.D
Acq: 16 Oct 2019 16:23

Tgt Ion	105	Resp	182773
Ion Ratio	Lower	Upper	
105	100		
71	2.4	1.2	1.8#
51	30.2	27.2	40.8
120	22.2	16.9	25.3





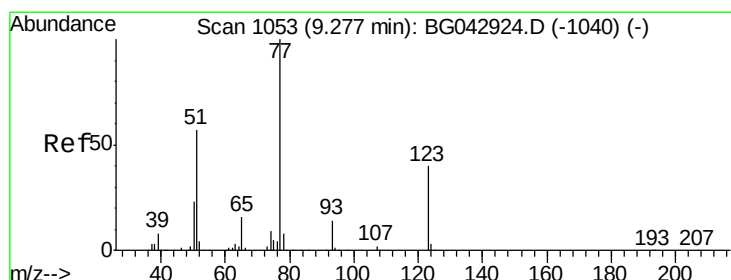
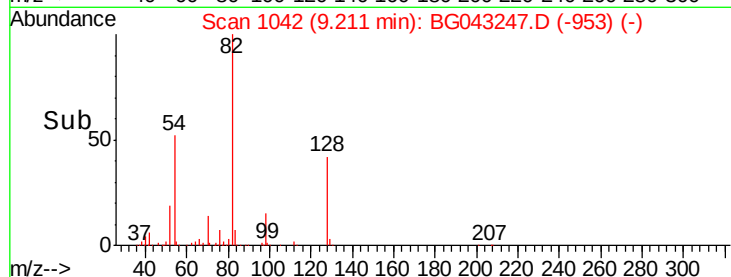
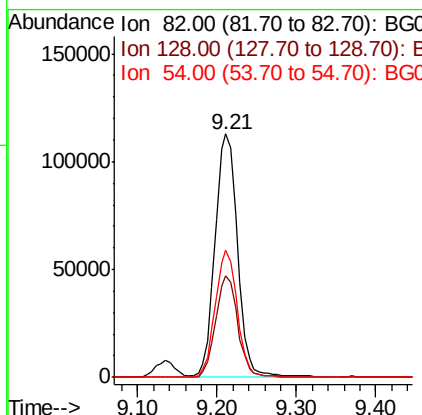
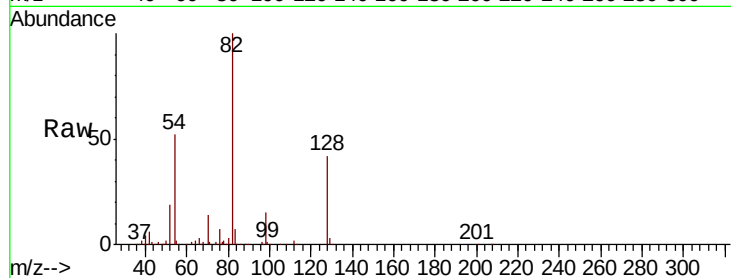
#23
 Nitrobenzene-d5
 Concen: 60.770 ng
 RT: 9.21 min Scan# 1042
 Delta R.T. -0.01 min
 Lab File: BG043247.D
 Acq: 16 Oct 2019 16:23

Instrument :
 BNA_G
 ClientSampleId :
 PB123988BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	41.8	29.5	44.3
54	52.2	44.6	67.0

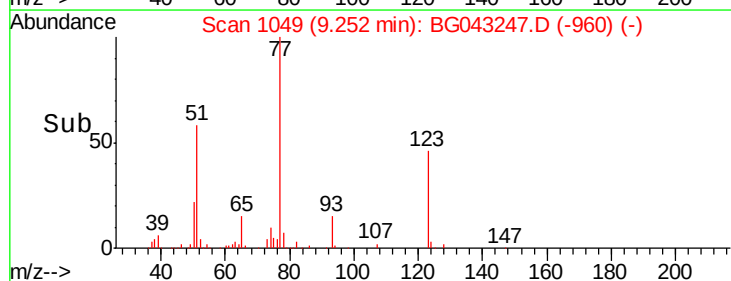
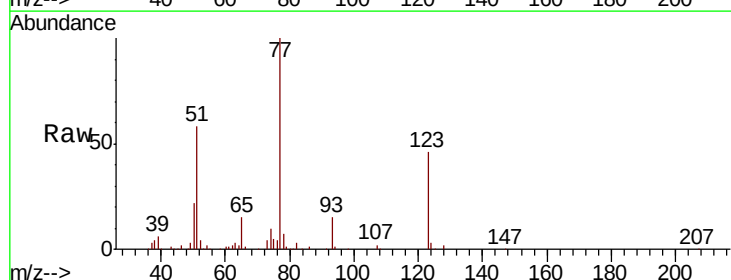
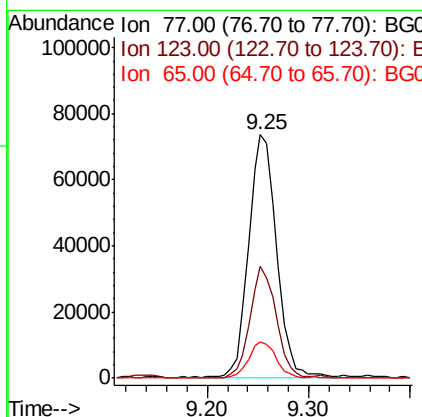
Manual Integrations
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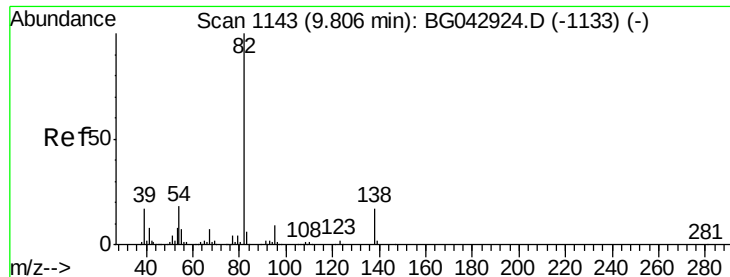
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#24
 Nitrobenzene
 Concen: 39.995 ng
 RT: 9.25 min Scan# 1049
 Delta R.T. -0.01 min
 Lab File: BG043247.D
 Acq: 16 Oct 2019 16:23

Tgt Ion	Ratio	Lower	Upper
77	100		
123	45.8	31.9	47.9
65	15.0	12.4	18.6





#25

Isophorone

Concen: 40.822 ng

RT: 9.78 min Scan# 1138

Delta R.T. -0.01 min

Lab File: BG043247.D

Acq: 16 Oct 2019 16:23

Instrument :

BNA_G

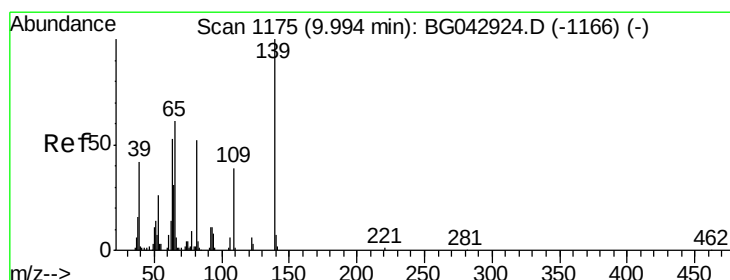
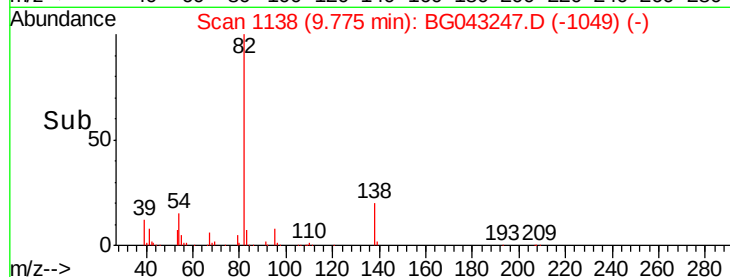
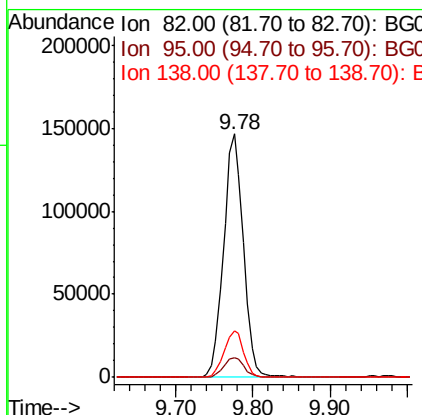
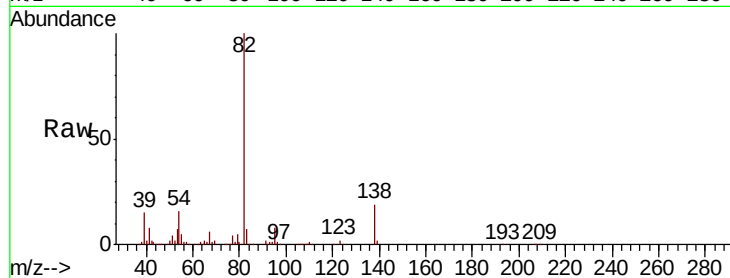
ClientSampleId :

PB123988BS

Tot Ion	82	Resp	262666
Ion Ratio	Lower	Upper	
82	100		
95	7.9	7.0	10.4
138	19.2	13.8	20.6

Manual Integrations
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#26

2-Nitrophenol

Concen: 45.587 ng

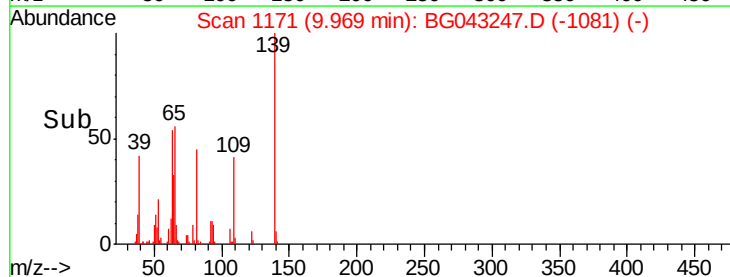
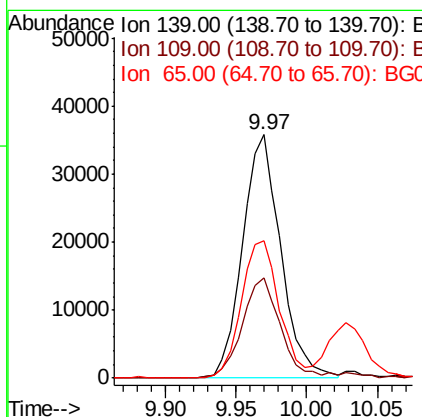
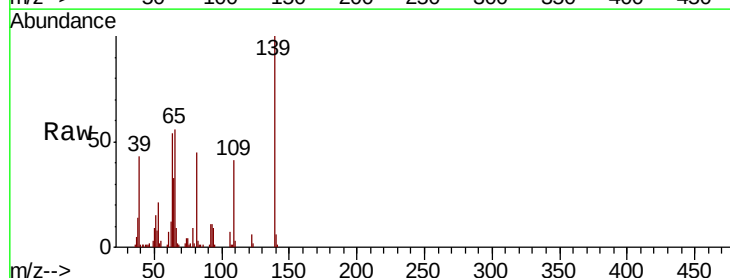
RT: 9.97 min Scan# 1171

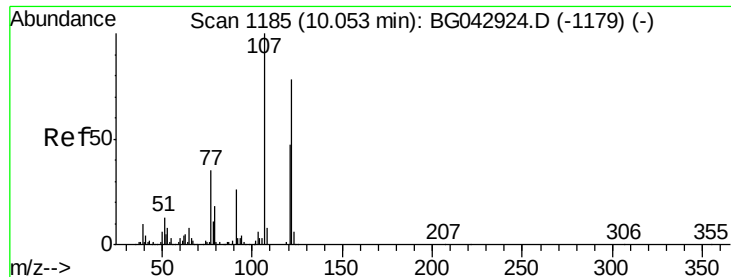
Delta R.T. 0.00 min

Lab File: BG043247.D

Acq: 16 Oct 2019 16:23

Tgt Ion	139	Resp	67807
Ion Ratio	Lower	Upper	
139	100		
109	40.9	31.0	46.6
65	56.4	48.4	72.6





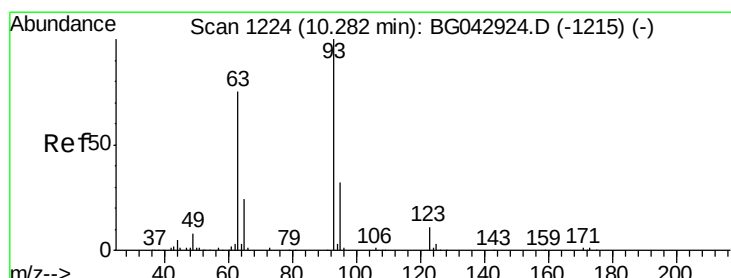
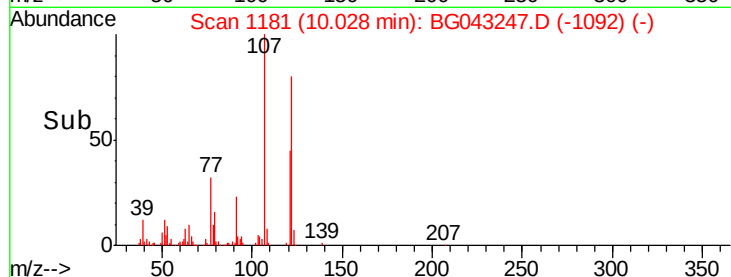
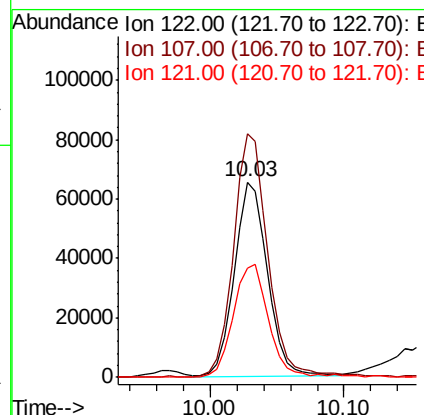
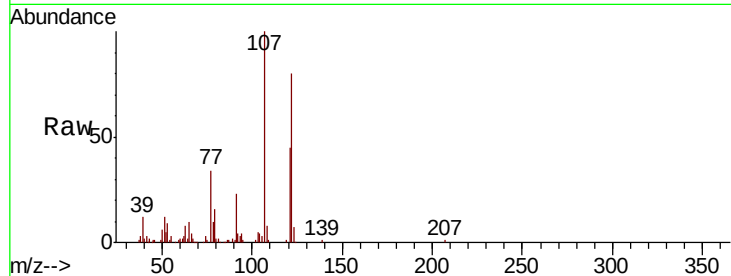
#27
2,4-Dimethylphenol
Concen: 49.141 ng
RT: 10.03 min Scan# 1181
Delta R.T. -0.01 min
Lab File: BG043247.D
Acq: 16 Oct 2019 16:23

Instrument :
BNA_G
ClientSampled :
PB123988BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100			
107	124.8	102.2	153.2	
121	56.3	48.5	72.7	

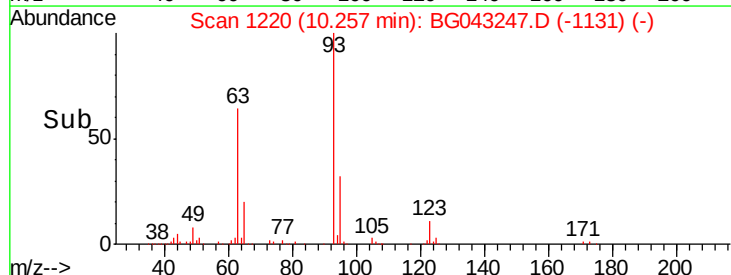
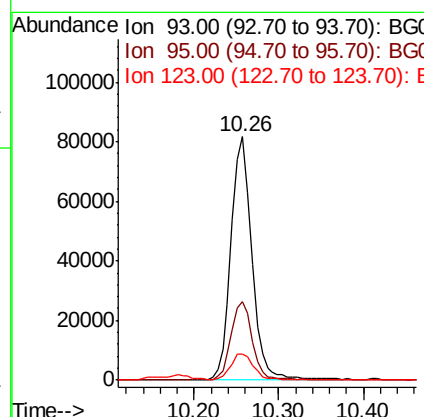
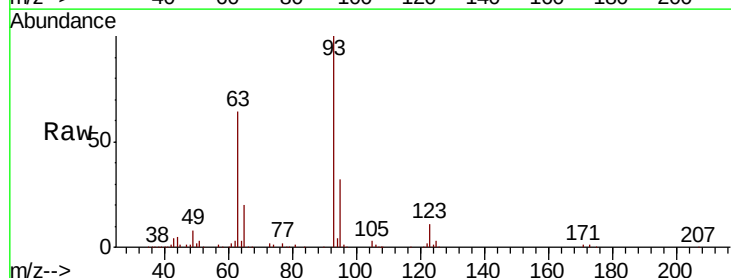
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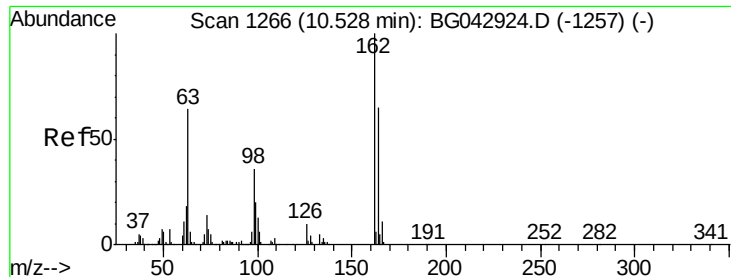
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 38.328 ng
RT: 10.26 min Scan# 1220
Delta R.T. -0.01 min
Lab File: BG043247.D
Acq: 16 Oct 2019 16:23

Tgt Ion	Ratio	Resp	Lower	Upper
93	100			
95	32.2	25.4	38.0	
123	10.8	9.3	13.9	





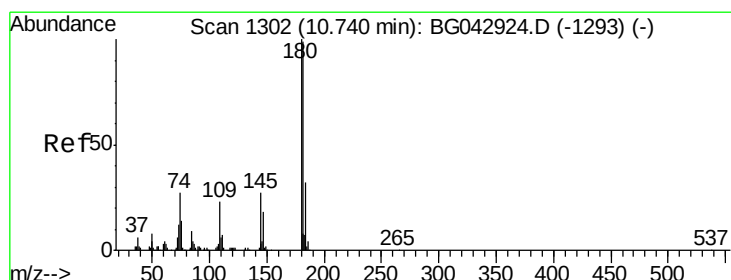
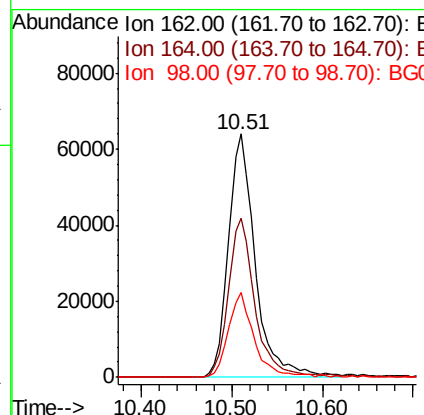
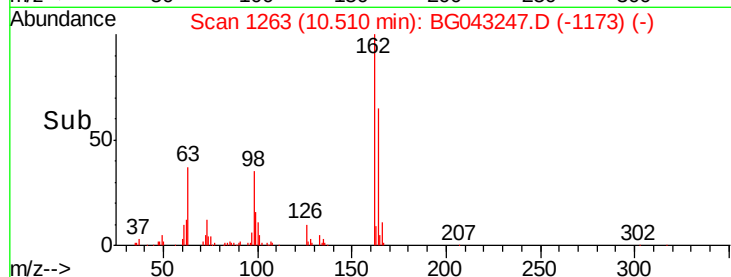
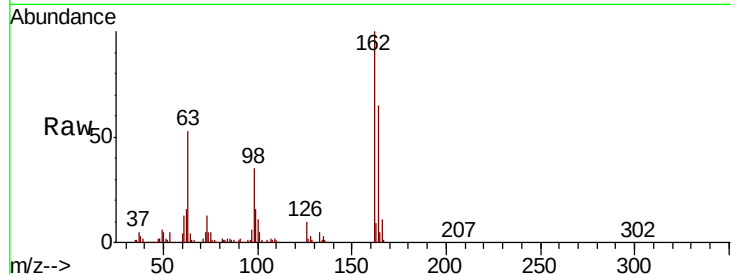
#29
2,4-Dichlorophenol
Concen: 46.353 ng
RT: 10.51 min Scan# 1263
Delta R.T. 0.00 min
Lab File: BG043247.D
Acq: 16 Oct 2019 16:23

Instrument :
BNA_G
ClientSampleId :
PB123988BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	131684		
164	65.1	44.7	84.7	
98	34.7	16.0	56.0	

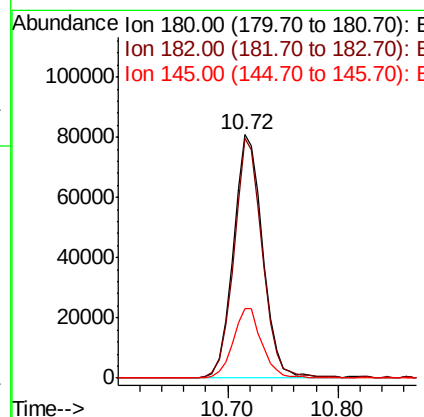
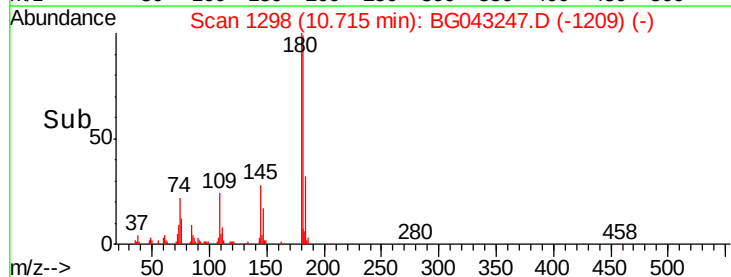
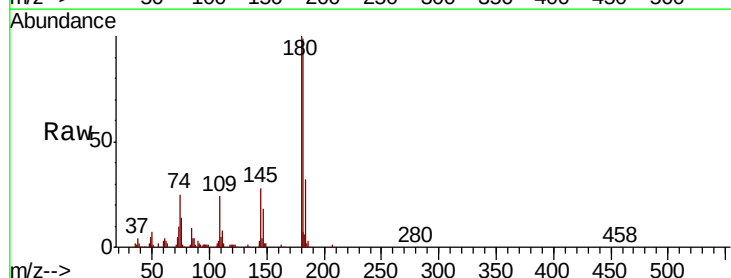
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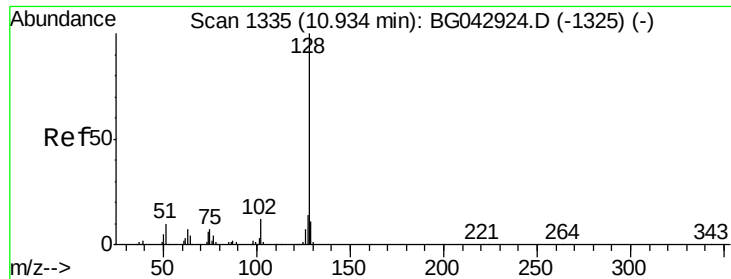
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#30
1,2,4-Trichlorobenzene
Concen: 40.913 ng
RT: 10.72 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BG043247.D
Acq: 16 Oct 2019 16:23

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	150096		
182	98.6	79.3	118.9	
145	28.4	22.0	33.0	





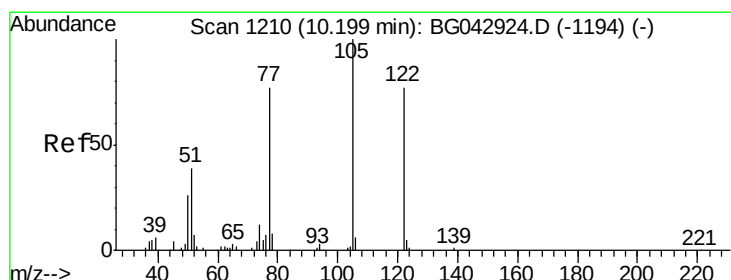
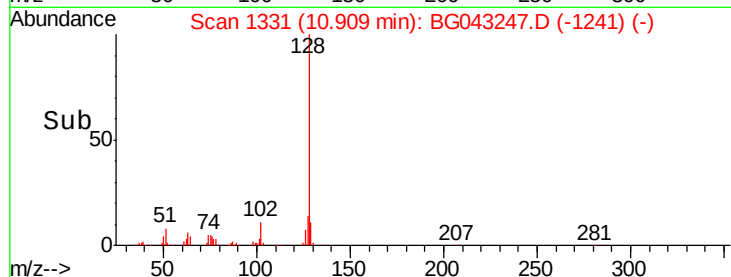
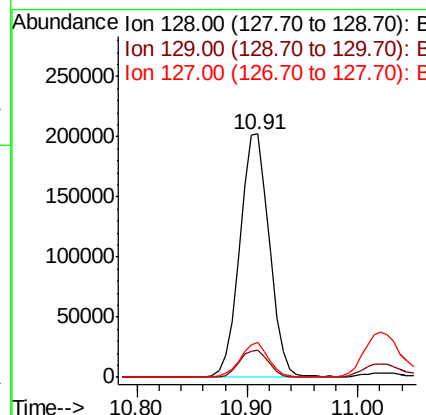
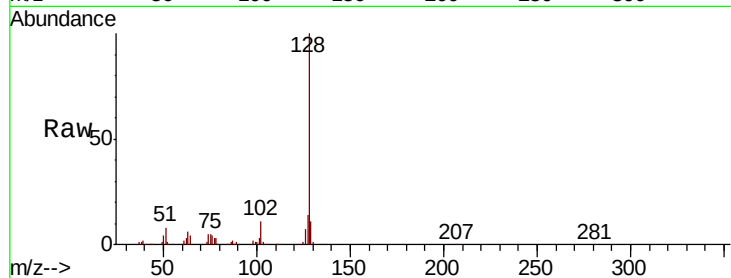
#31
Naphthalene
Concen: 43.577 ng
RT: 10.91 min Scan# 1331
Delta R.T. 0.00 min
Lab File: BG043247.D
Acq: 16 Oct 2019 16:23

Instrument :
BNA_G
ClientSampleId :
PB123988BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.5	8.8	13.2
127	14.2	11.3	16.9

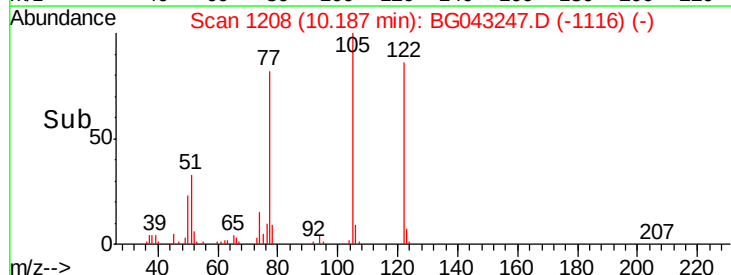
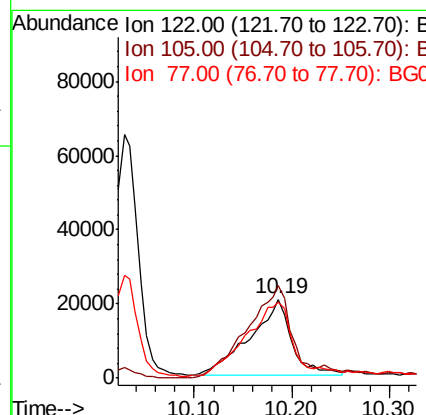
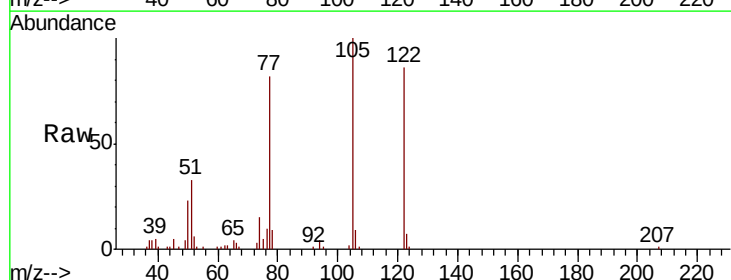
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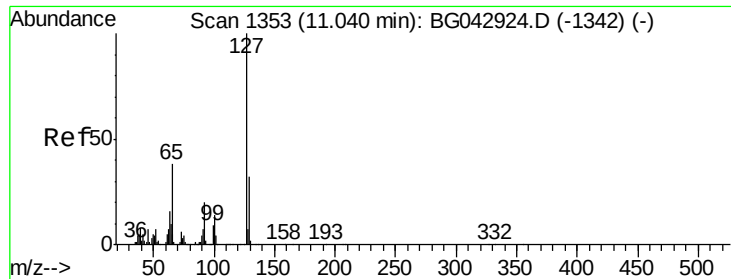
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#32
Benzoic acid
Concen: 36.249 ng
RT: 10.19 min Scan# 1208
Delta R.T. 0.01 min
Lab File: BG043247.D
Acq: 16 Oct 2019 16:23

Tgt Ion	Ratio	Lower	Upper
122	100		
105	116.9	107.5	147.5
77	95.7	79.8	119.8





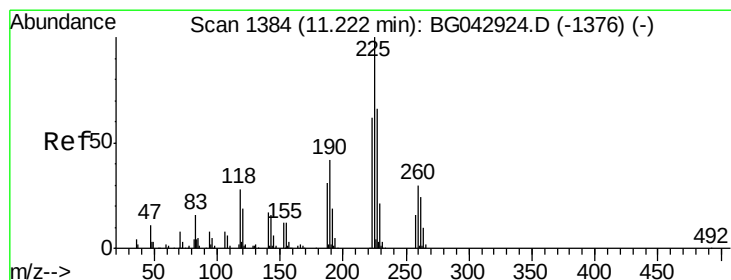
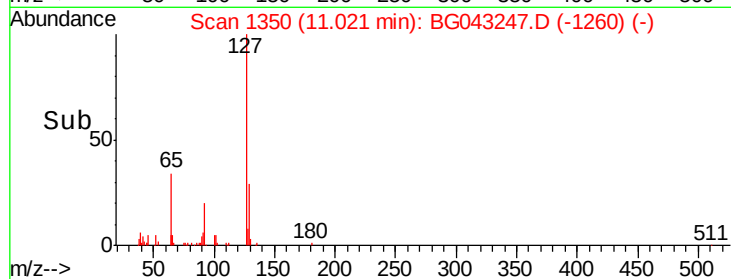
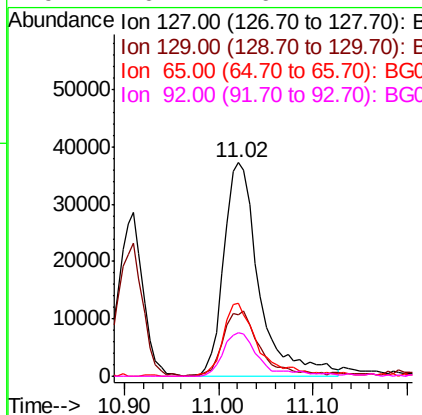
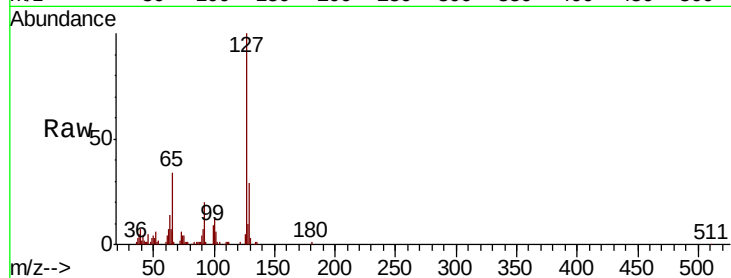
#33
4-Chloroaniline
Concen: 25.550 ng
RT: 11.02 min Scan# 1350
Delta R.T. 0.00 min
Lab File: BG043247.D
Acq: 16 Oct 2019 16:23

Instrument :
BNA_G
ClientSampleId :
PB123988BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	29.0	26.2	39.2		
65	34.3	30.6	45.8		
92	20.1	16.2	24.4		

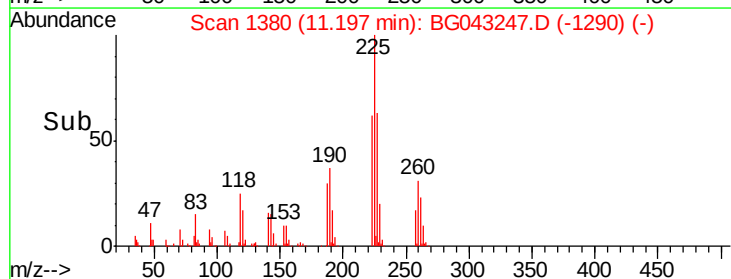
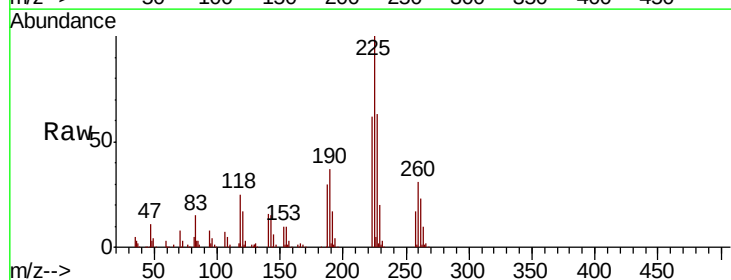
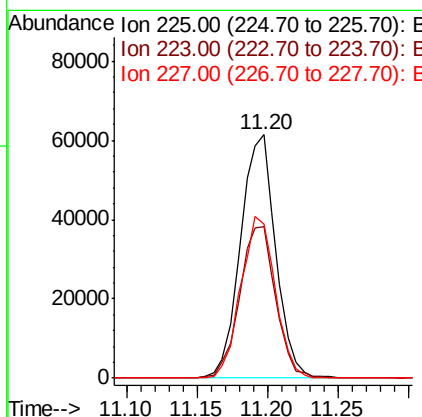
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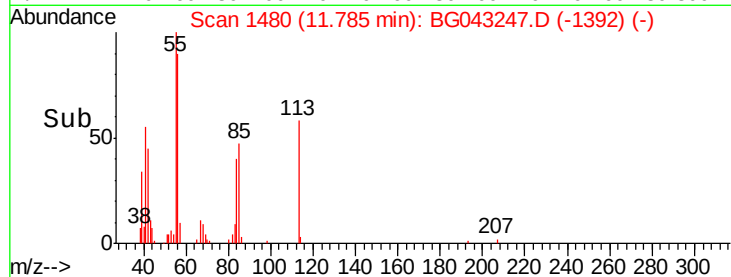
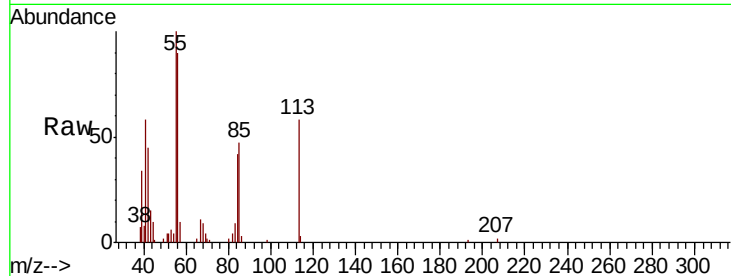
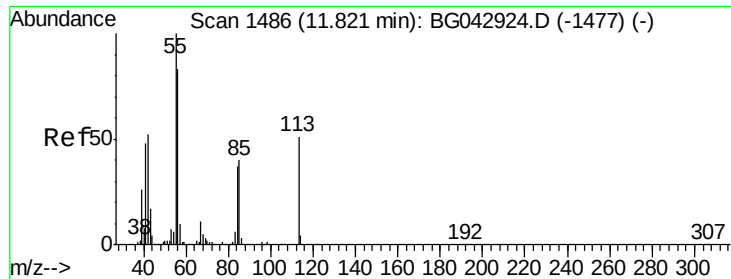
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#34
Hexachlorobutadiene
Concen: 38.805 ng
RT: 11.20 min Scan# 1380
Delta R.T. 0.00 min
Lab File: BG043247.D
Acq: 16 Oct 2019 16:23

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.3	49.3	73.9		
227	63.3	52.8	79.2		





#35

Caprolactam

Concen: 40.160 ng/ml

RT: 11.78 min Scan# 1480

Delta R.T. -0.01 min

Lab File: BG043247.D

Acq: 16 Oct 2019 16:23

Instrument :

BNA_G

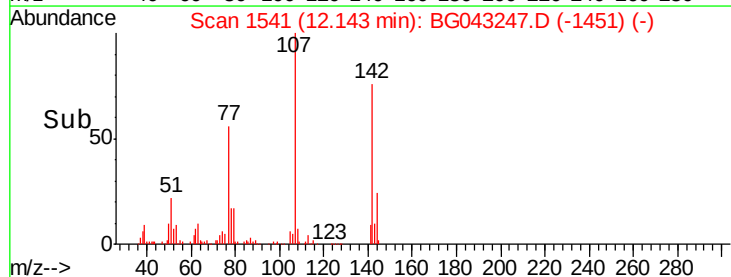
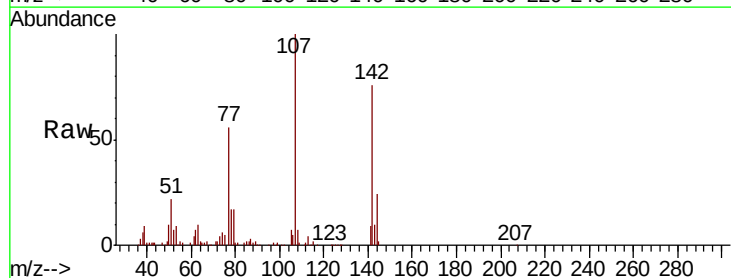
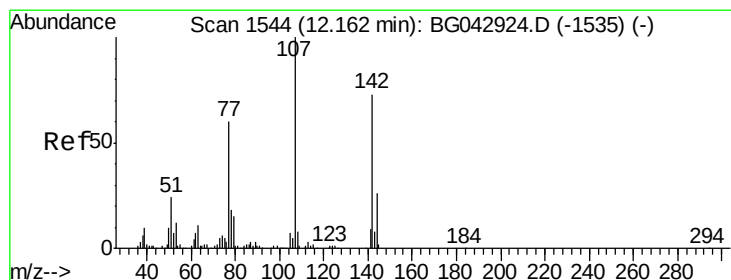
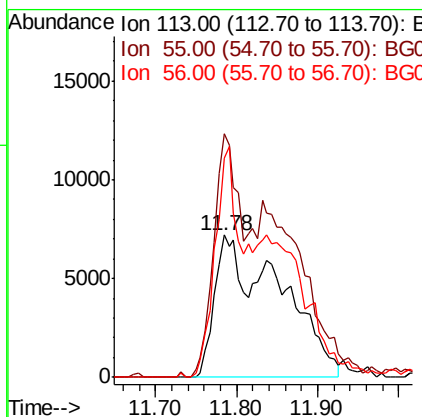
ClientSampleId :

PB123988BS

Tot Ion	Ion	Ratio	Lower	Upper
113	100			
55	171.5	175.5	215.5	#
56	154.7	142.3	182.3	

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#36

4-Chloro-3-methylphenol

Concen: 45.681 ng/ml

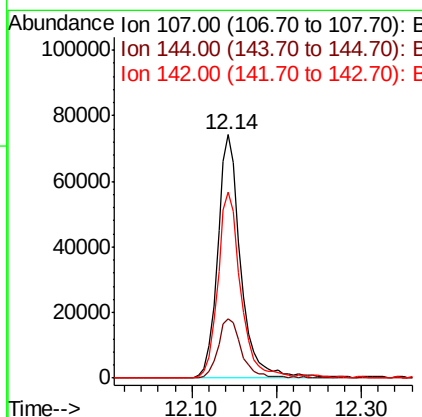
RT: 12.14 min Scan# 1541

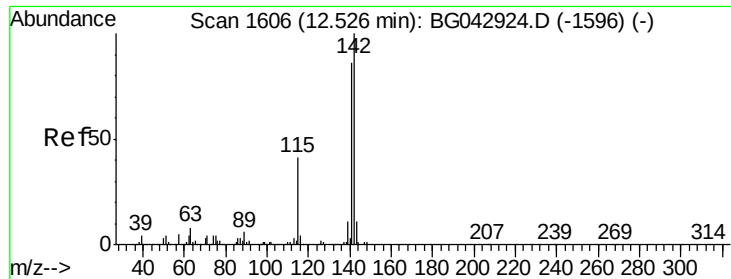
Delta R.T. 0.00 min

Lab File: BG043247.D

Acq: 16 Oct 2019 16:23

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
144	24.2	20.7	31.1	
142	76.3	58.6	87.8	





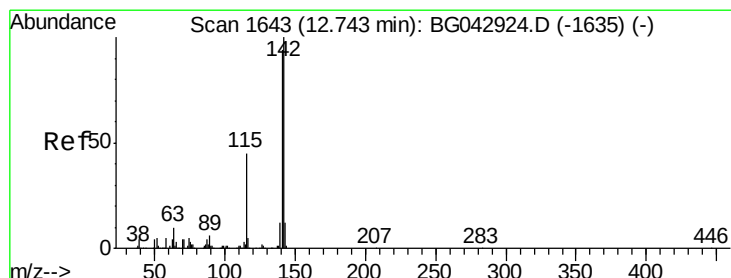
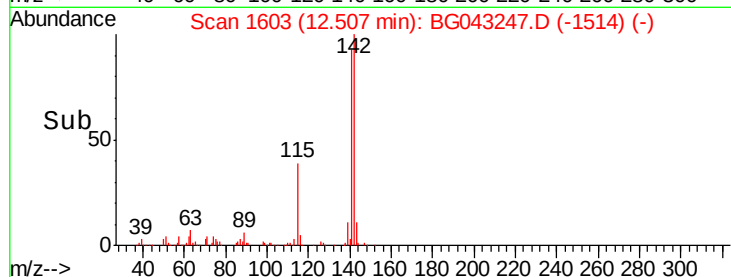
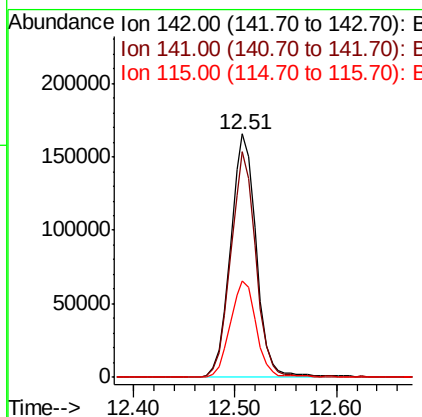
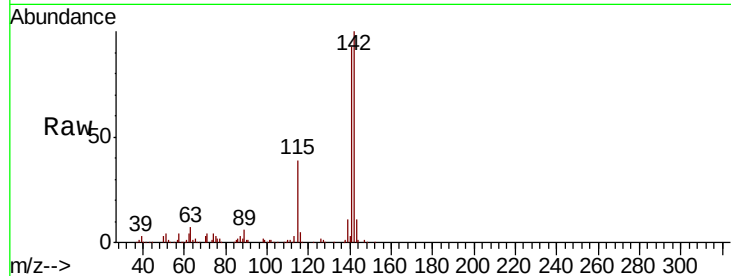
#37
2-Methylnaphthalene
Concen: 43.434 ng
RT: 12.51 min Scan# 1603
Delta R.T. -0.01 min
Lab File: BG043247.D
Acq: 16 Oct 2019 16:23

Instrument :
BNA_G
ClientSampleId :
PB123988BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	92.7	69.0	103.4
115	39.5	32.8	49.2

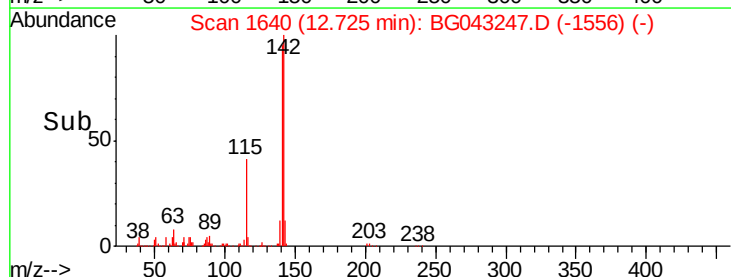
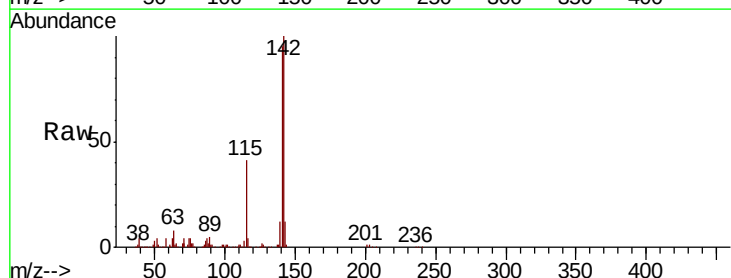
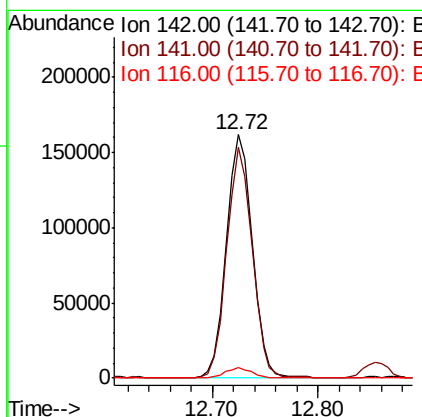
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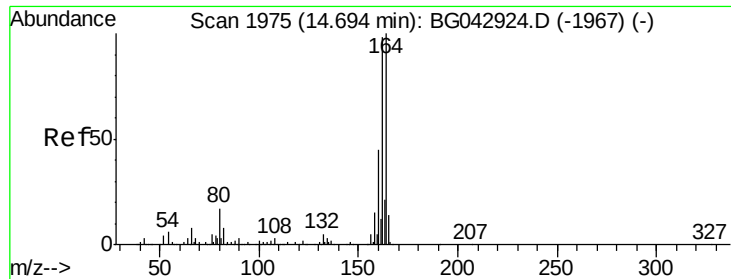
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#38
1-Methylnaphthalene
Concen: 43.178 ng
RT: 12.72 min Scan# 1640
Delta R.T. -0.01 min
Lab File: BG043247.D
Acq: 16 Oct 2019 16:23

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.6	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: BG043247.D

Acq: 16 Oct 2019 16:23

Instrument :

BNA_G

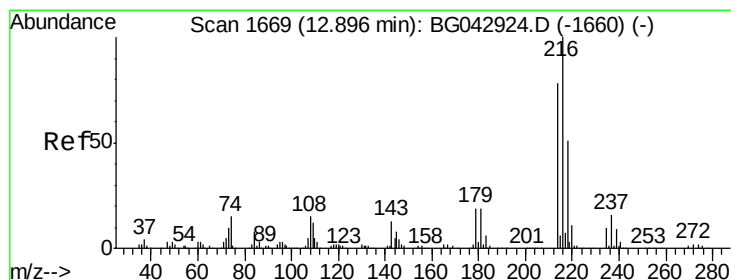
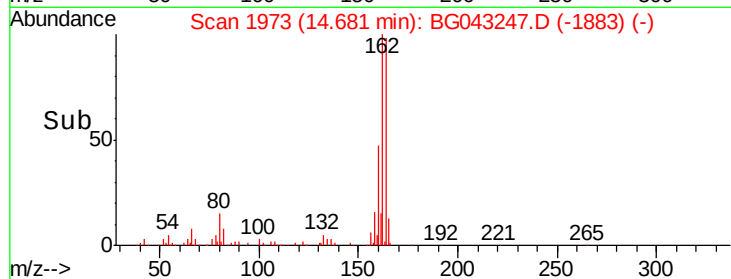
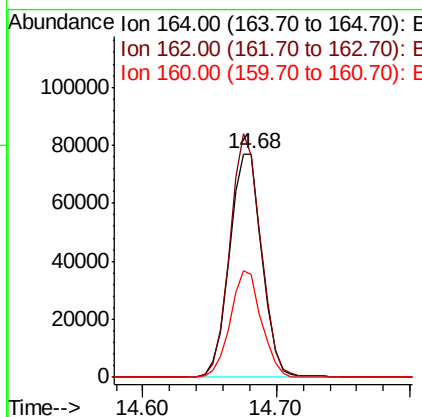
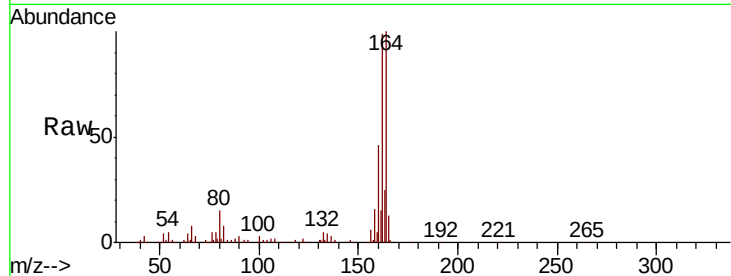
ClientSampleId :

PB123988BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
164	100		129938		
162	99.4	78.5	117.7		
160	46.3	35.9	53.9		

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 38.808 ng

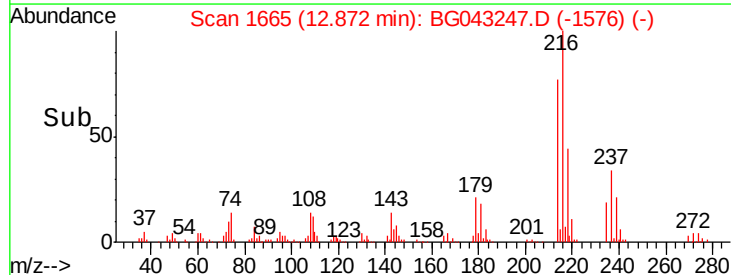
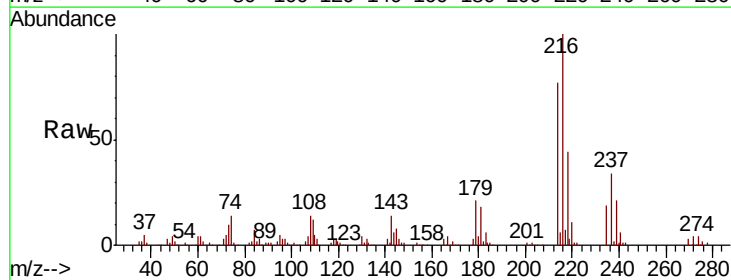
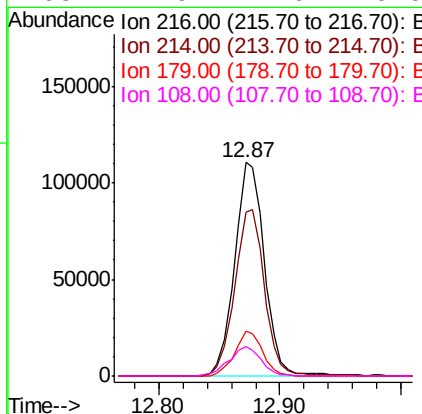
RT: 12.87 min Scan# 1665

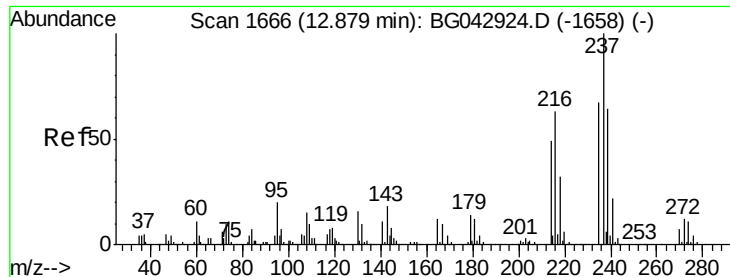
Delta R.T. -0.01 min

Lab File: BG043247.D

Acq: 16 Oct 2019 16:23

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
216	100		189600		
214	78.2	62.4	93.6		
179	19.6	15.4	23.2		
108	14.9	12.6	19.0		





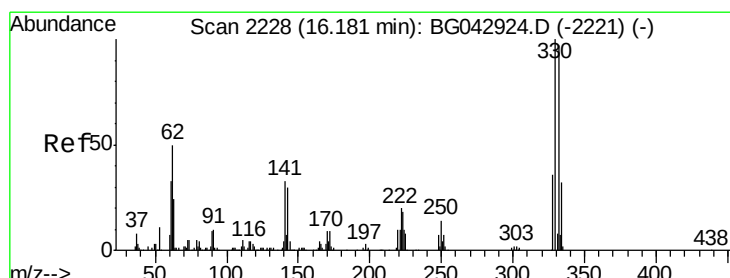
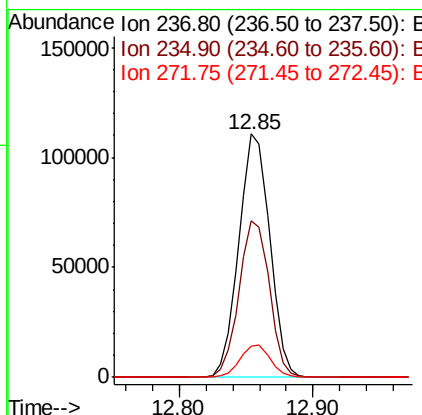
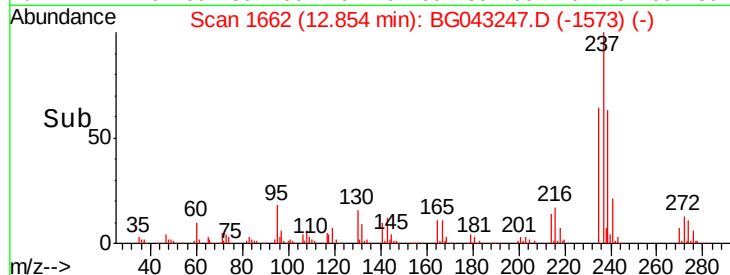
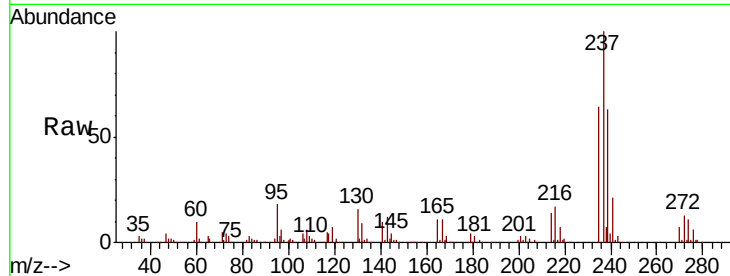
#41
Hexachlorocyclopentadiene
Concen: 57.112 ng
RT: 12.85 min Scan# 1662
Delta R.T. -0.01 min
Lab File: BG043247.D
Acq: 16 Oct 2019 16:23

Instrument :
BNA_G
ClientSampleId :
PB123988BS

Tot Ion	Ratio	Resp Lower	Upper
237	100		
235	64.3	46.7	86.7
272	12.6	0.0	32.3

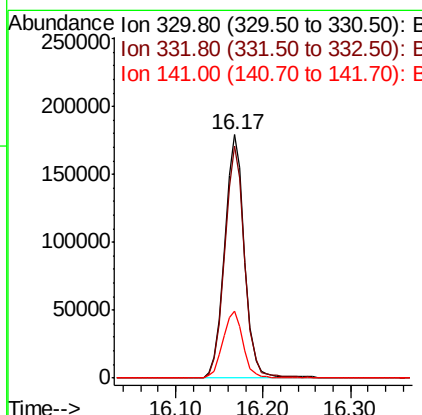
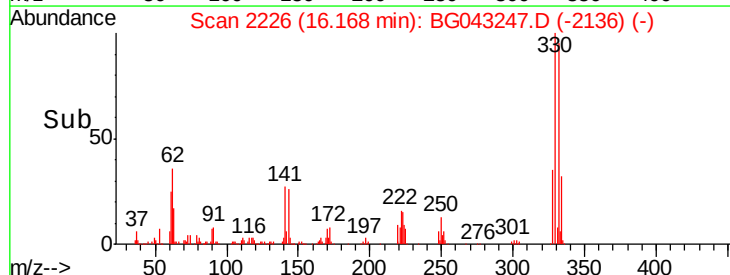
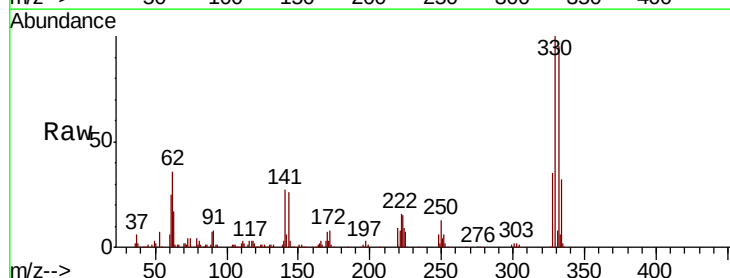
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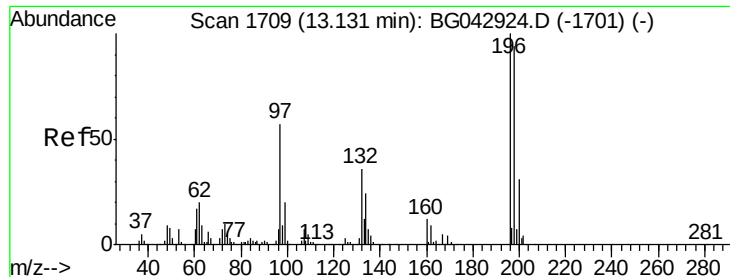
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#42
2,4,6-Tribromophenol
Concen: 125.869 ng
RT: 16.17 min Scan# 2226
Delta R.T. 0.00 min
Lab File: BG043247.D
Acq: 16 Oct 2019 16:23

Tgt Ion	Ratio	Resp Lower	Upper
330	100		
332	95.3	78.2	117.2
141	27.7	26.0	39.0





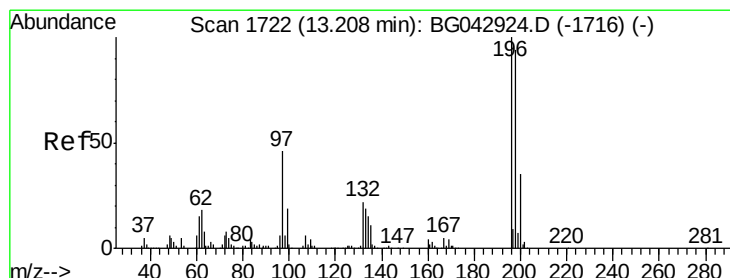
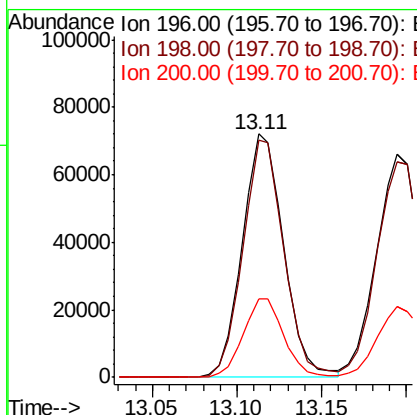
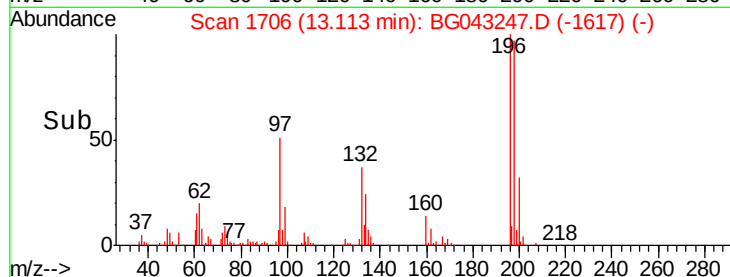
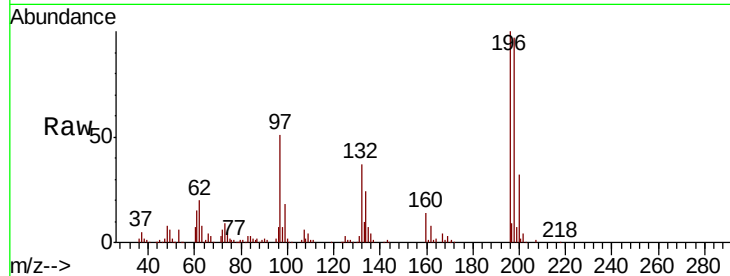
#43
 2,4,6-Trichlorophenol
 Concen: 42.888 ng
 RT: 13.11 min Scan# 1706
 Delta R.T. -0.01 min
 Lab File: BG043247.D
 Acq: 16 Oct 2019 16:23

Instrument :
 BNA_G
 ClientSampleId :
 PB123988BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	122639		
198	97.3	75.5	113.3	
200	32.4	24.9	37.3	

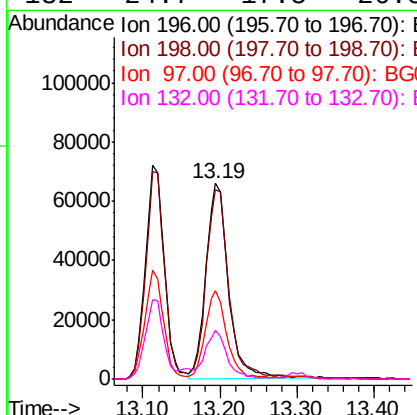
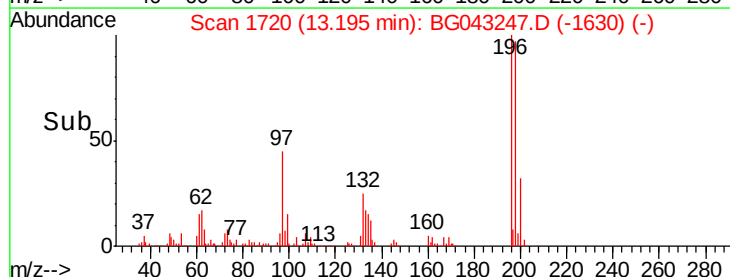
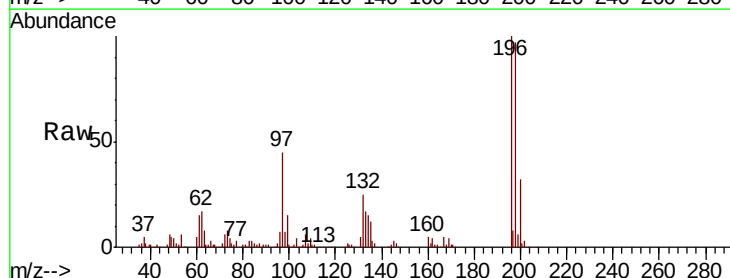
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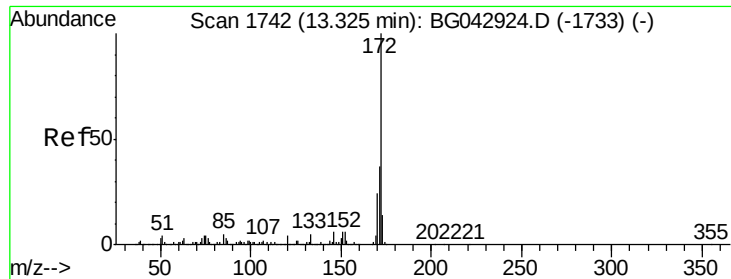
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#44
 2,4,5-Trichlorophenol
 Concen: 45.066 ng
 RT: 13.19 min Scan# 1720
 Delta R.T. 0.00 min
 Lab File: BG043247.D
 Acq: 16 Oct 2019 16:23

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	132753		
198	96.9	75.1	112.7	
97	44.9	37.0	55.4	
132	24.7	17.5	26.3	





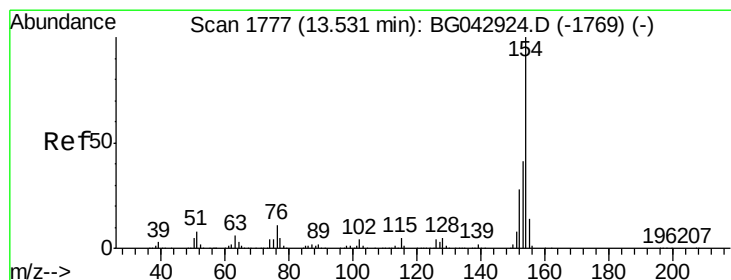
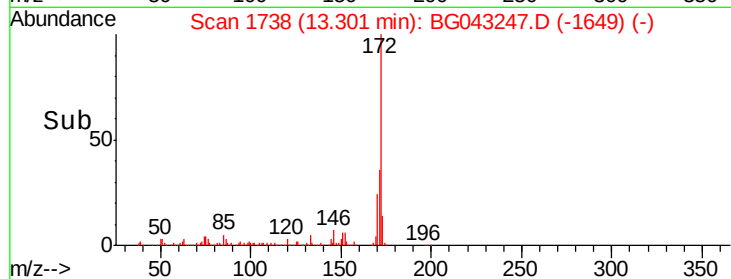
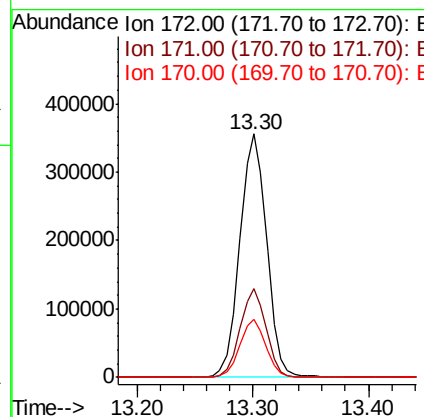
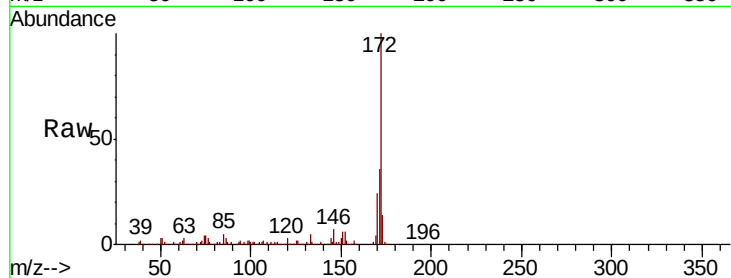
#45
2-Fluorobiphenyl
Concen: 63.644 ng
RT: 13.30 min Scan# 1738
Delta R.T. -0.01 min
Lab File: BG043247.D
Acq: 16 Oct 2019 16:23

Instrument :
BNA_G
ClientSampleId :
PB123988BS

Tot Ion:	172	Resp:	570445
Ion Ratio	Lower	Upper	
172	100		
171	36.5	29.6	44.4
170	23.8	19.6	29.4

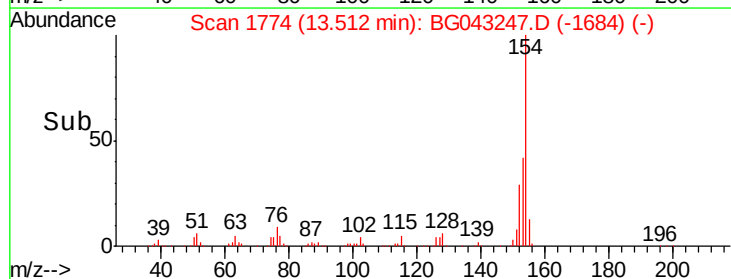
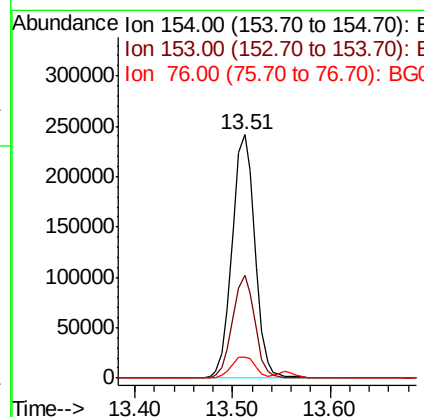
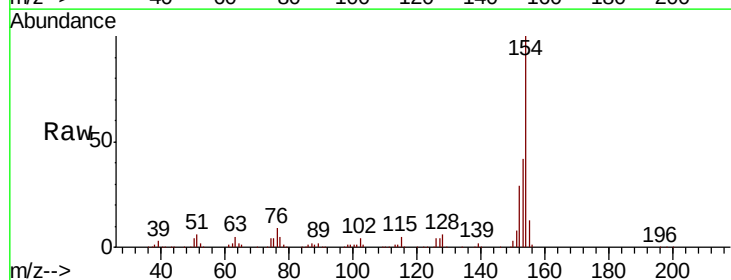
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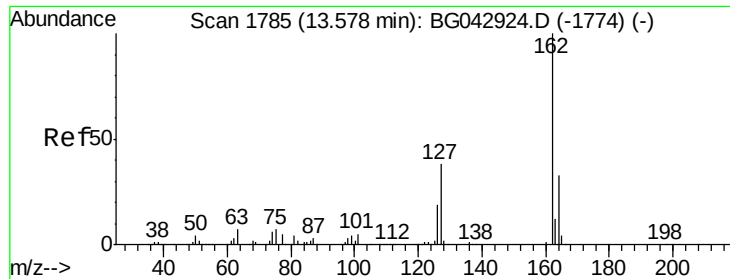
mohammad
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#46
1,1'-Biphenyl
Concen: 39.780 ng
RT: 13.51 min Scan# 1774
Delta R.T. 0.00 min
Lab File: BG043247.D
Acq: 16 Oct 2019 16:23

Tgt Ion:	154	Resp:	391987
Ion Ratio	Lower	Upper	
154	100		
153	42.0	21.4	61.4
76	8.8	0.0	31.3





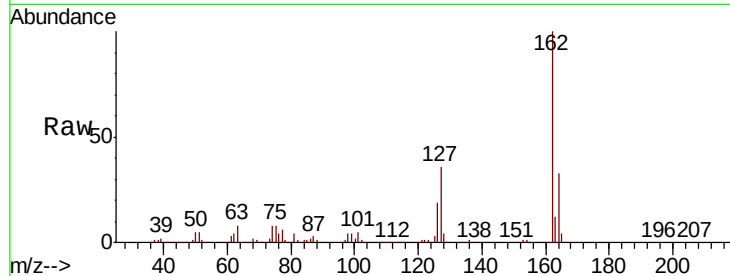
#47
2-Chloronaphthalene
Concen: 41.175 ng
RT: 13.55 min Scan# 1781
Delta R.T. -0.01 min
Lab File: BG043247.D
Acq: 16 Oct 2019 16:23

Instrument :
BNA_G
ClientSampleId :
PB123988BS

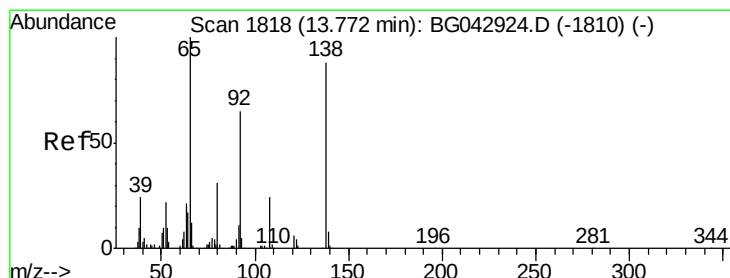
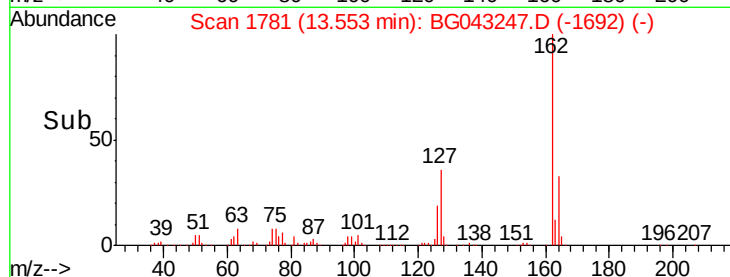
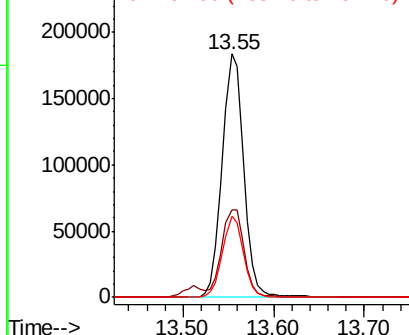
Tot Ion	Ratio	Lower	Upper
162	100		
127	36.2	31.0	46.6
164	33.1	26.2	39.2

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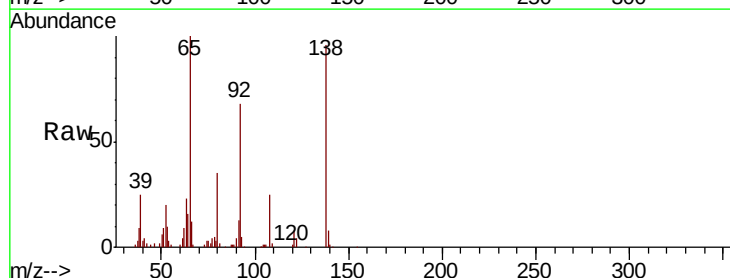


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

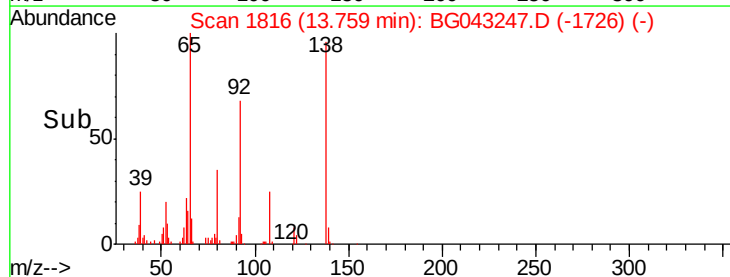
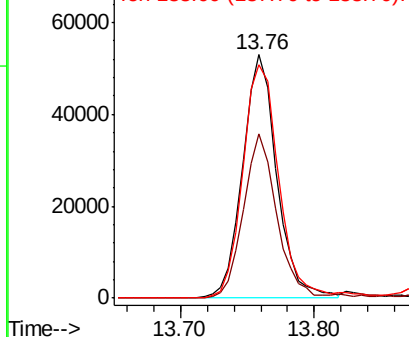


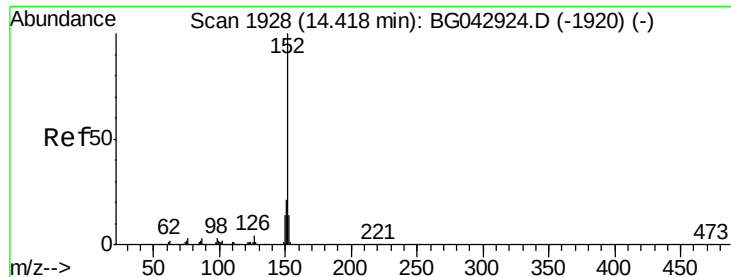
#48
2-Nitroaniline
Concen: 38.219 ng
RT: 13.76 min Scan# 1816
Delta R.T. 0.00 min
Lab File: BG043247.D
Acq: 16 Oct 2019 16:23

Tgt Ion	Ratio	Lower	Upper
65	100		
92	67.6	52.0	78.0
138	95.8	70.4	105.6



Abundance Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC
Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 42.970 ng

RT: 14.40 min Scan# 1925

Delta R.T. 0.00 min

Lab File: BG043247.D

Acq: 16 Oct 2019 16:23

Instrument :

BNA_G

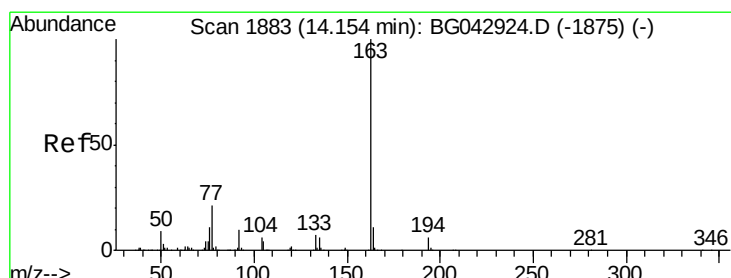
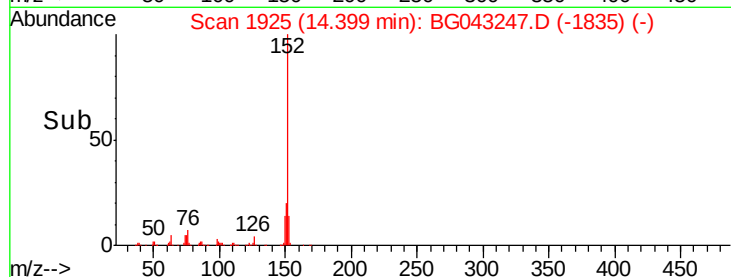
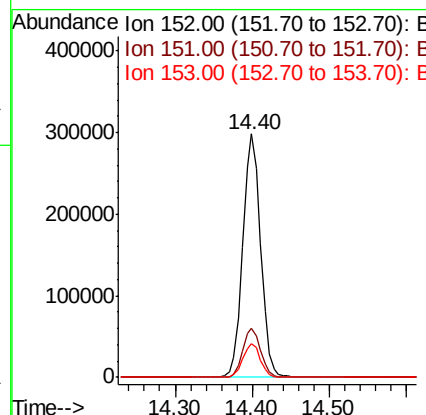
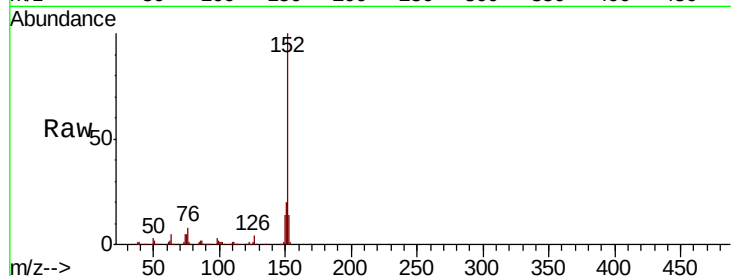
ClientSampleId :

PB123988BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
152	100		485759		
151	20.0		16.8	25.2	
153	13.7		11.3	16.9	

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#50

Dimethylphthalate

Concen: 41.088 ng

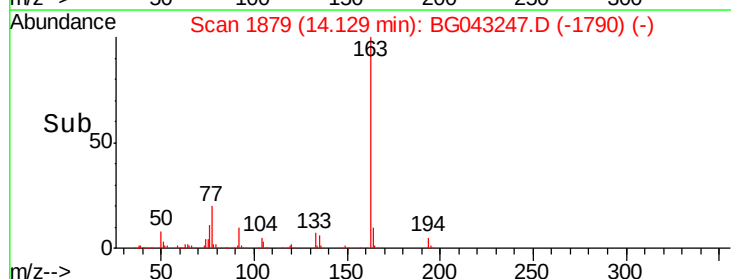
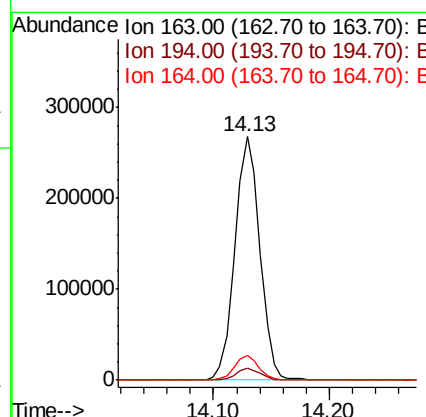
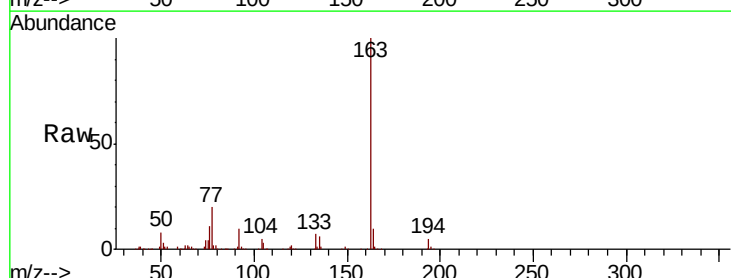
RT: 14.13 min Scan# 1879

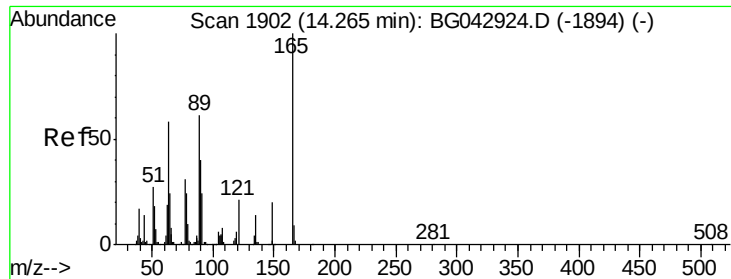
Delta R.T. -0.01 min

Lab File: BG043247.D

Acq: 16 Oct 2019 16:23

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
163	100		400022		
194	4.7		4.4	6.6	
164	10.4		8.6	12.8	





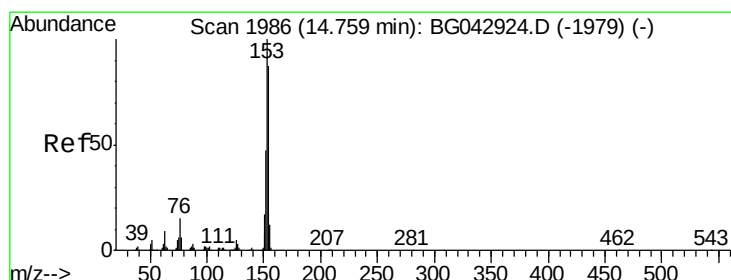
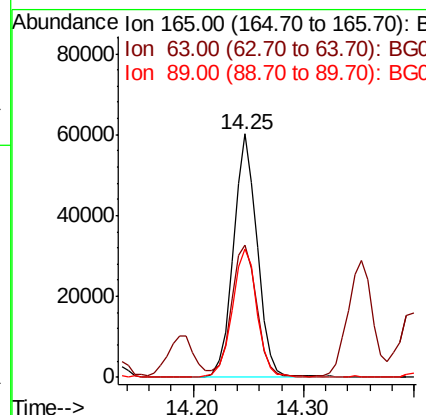
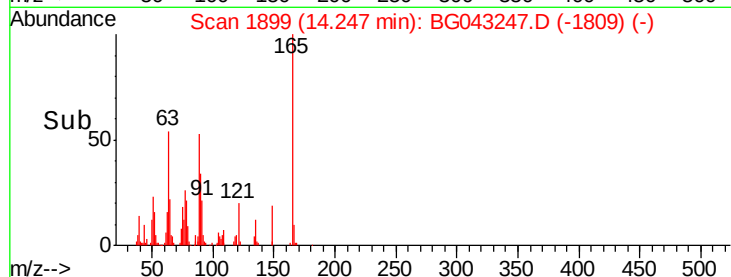
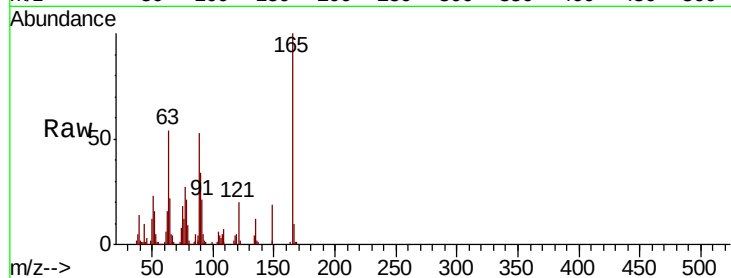
#51
 2,6-Dinitrotoluene
 Concen: 43.853 ng
 RT: 14.25 min Scan# 1899
 Delta R.T. 0.00 min
 Lab File: BG043247.D
 Acq: 16 Oct 2019 16:23

Instrument :
 BNA_G
 ClientSampleId :
 PB123988BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	54.5	50.3	75.5
89	52.8	48.9	73.3

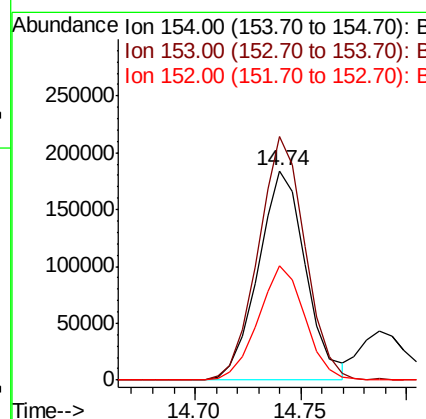
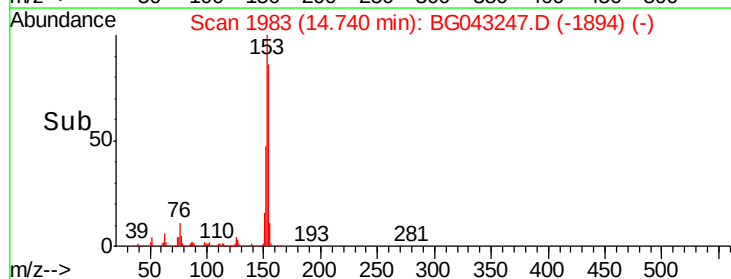
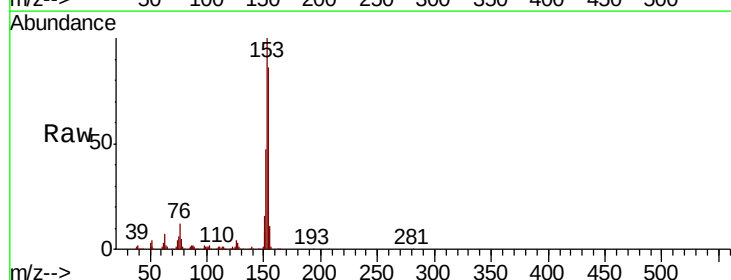
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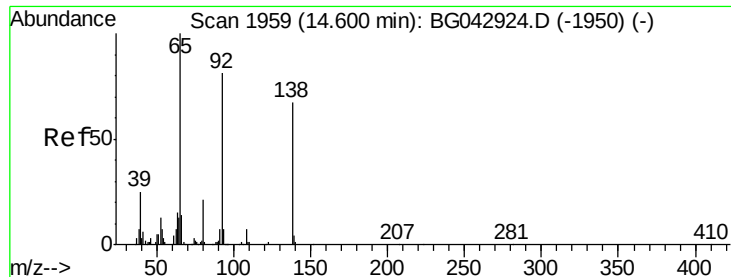
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#52
 Acenaphthene
 Concen: 37.978 ng
 RT: 14.74 min Scan# 1983
 Delta R.T. -0.01 min
 Lab File: BG043247.D
 Acq: 16 Oct 2019 16:23

Tgt Ion	Ratio	Lower	Upper
154	100		
153	116.5	91.4	137.0
152	54.5	42.8	64.2





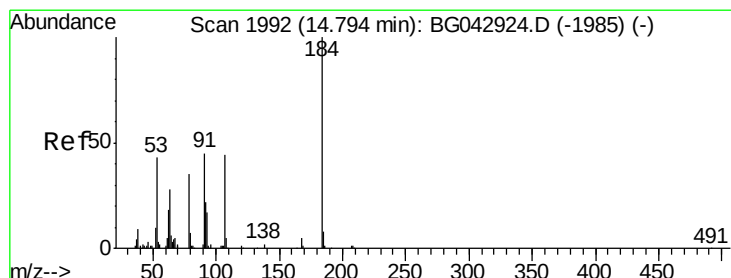
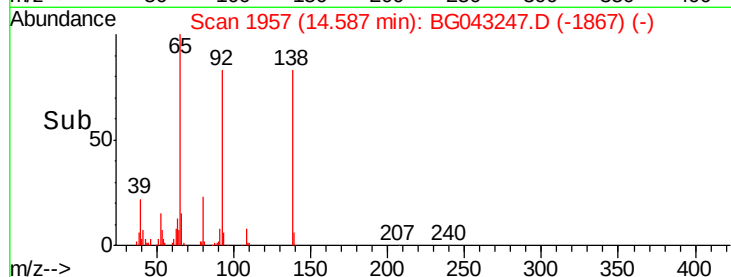
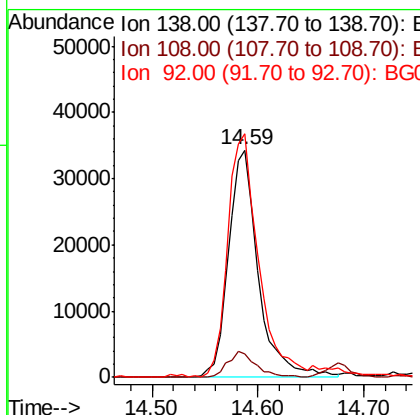
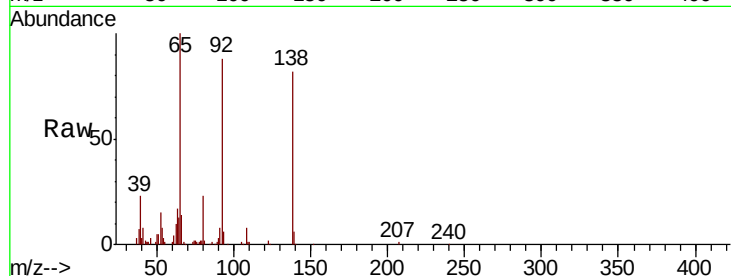
#53
3-Nitroaniline
Concen: 31.082 ng
RT: 14.59 min Scan# 1957
Delta R.T. 0.00 min
Lab File: BG043247.D
Acq: 16 Oct 2019 16:23

Instrument :
BNA_G
ClientSampleId :
PB123988BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.3	7.9	11.9
92	107.1	97.0	145.6

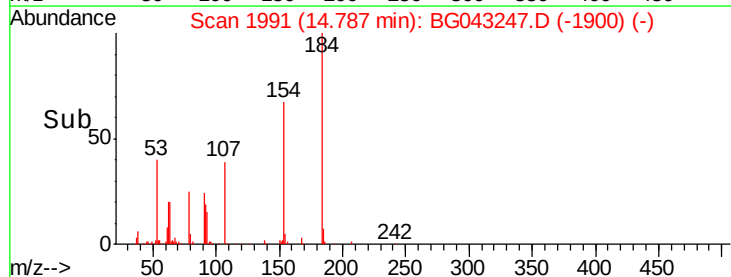
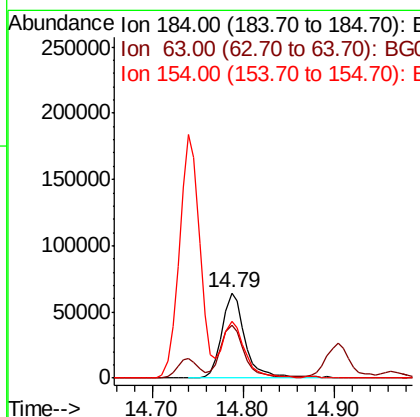
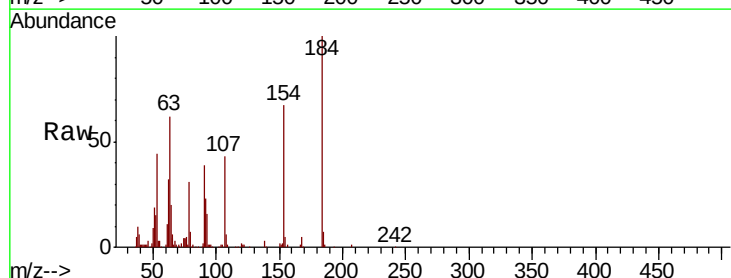
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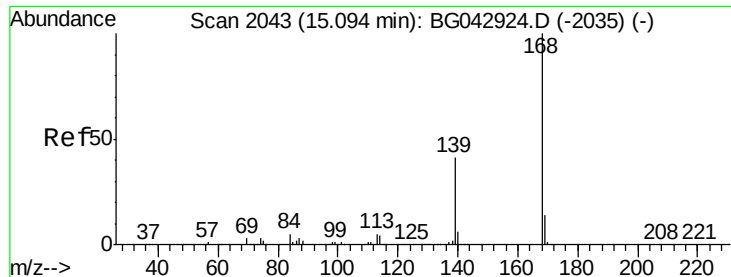
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#54
2,4-Dinitrophenol
Concen: 89.137 ng
RT: 14.79 min Scan# 1991
Delta R.T. 0.01 min
Lab File: BG043247.D
Acq: 16 Oct 2019 16:23

Tgt Ion	Ratio	Lower	Upper
184	100		
63	62.3	55.0	82.6
154	66.8	56.5	84.7





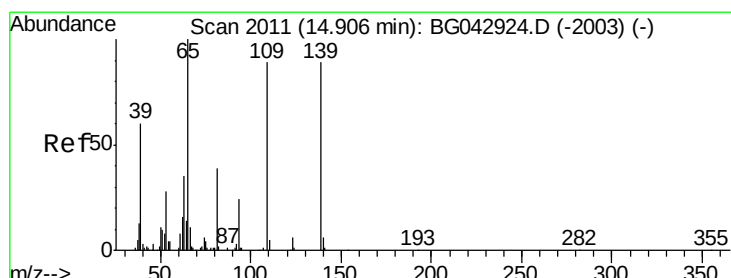
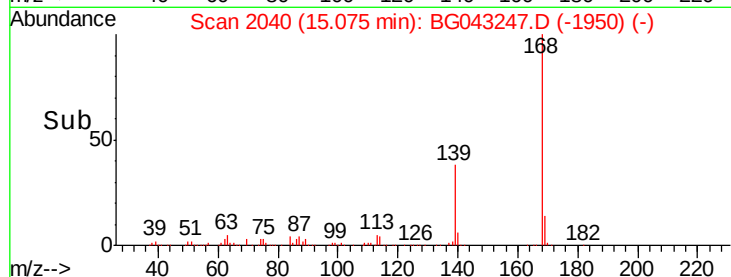
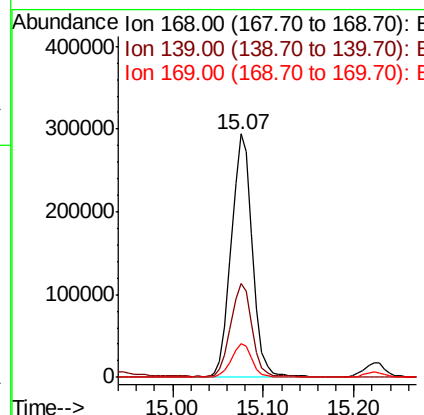
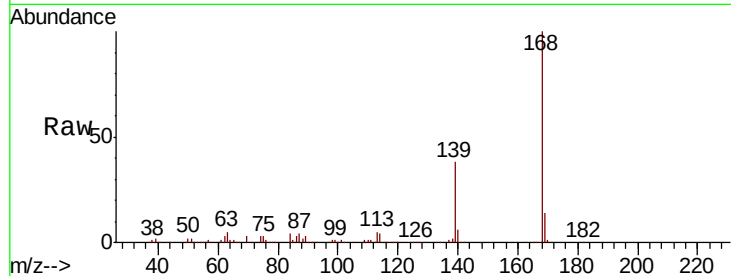
#55
Dibenzenofuran
Concen: 42.516 ng
RT: 15.07 min Scan# 2040
Delta R.T. 0.00 min
Lab File: BG043247.D
Acq: 16 Oct 2019 16:23

Instrument :
BNA_G
ClientSampleId :
PB123988BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.5	32.6	48.8
169	14.1	11.2	16.8

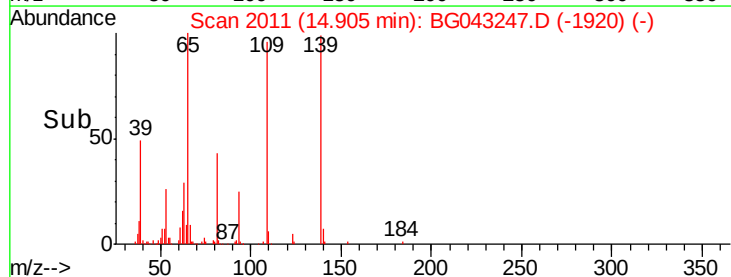
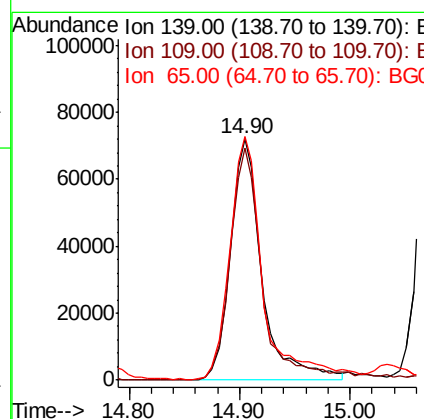
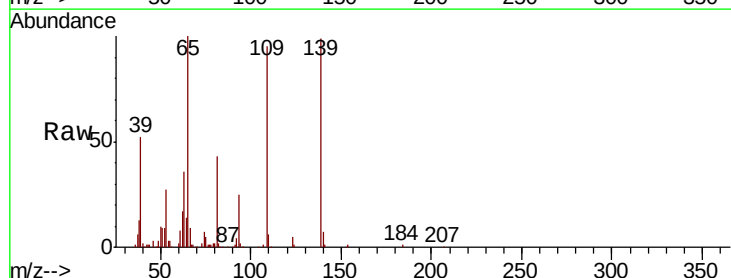
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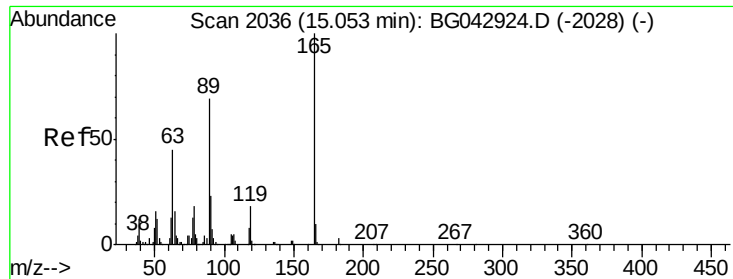
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#56
4-Nitrophenol
Concen: 88.498 ng
RT: 14.90 min Scan# 2011
Delta R.T. 0.01 min
Lab File: BG043247.D
Acq: 16 Oct 2019 16:23

Tgt Ion	Ratio	Lower	Upper
139	100		
109	96.2	79.4	119.4
65	100.9	92.5	132.5





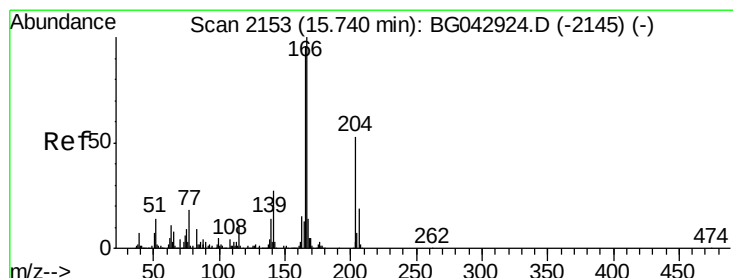
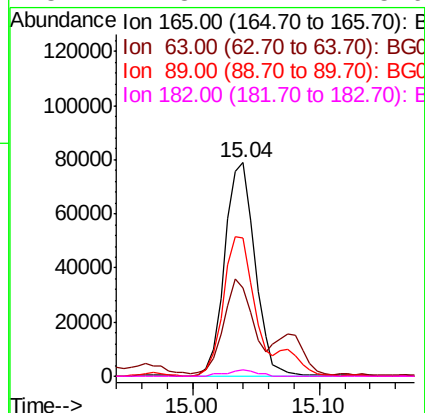
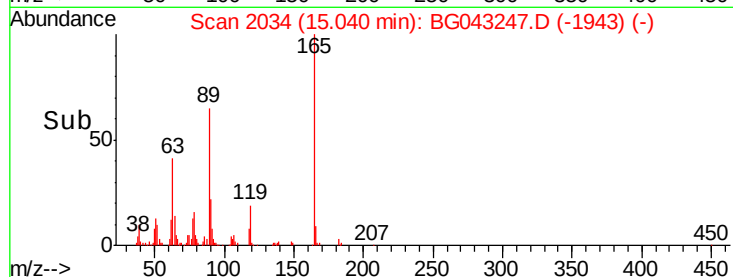
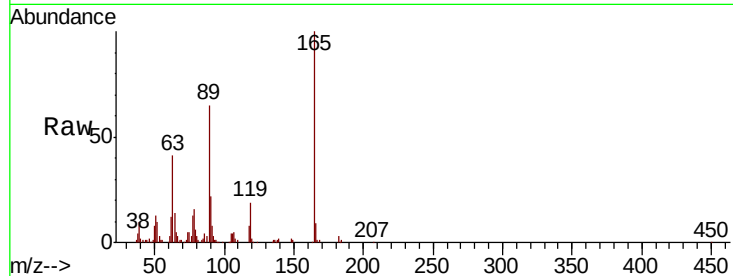
#57
2,4-Dinitrotoluene
Concen: 43.104 ng
RT: 15.04 min Scan# 2034
Delta R.T. 0.01 min
Lab File: BG043247.D
Acq: 16 Oct 2019 16:23

Instrument :
BNA_G
ClientSampleId :
PB123988BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		130871		
63	41.5		36.5	54.7	
89	64.9		55.5	83.3	
182	2.8		2.4	3.6	

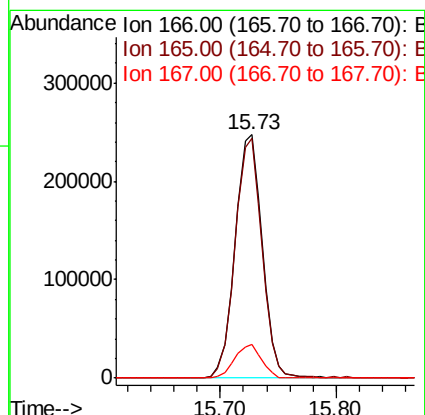
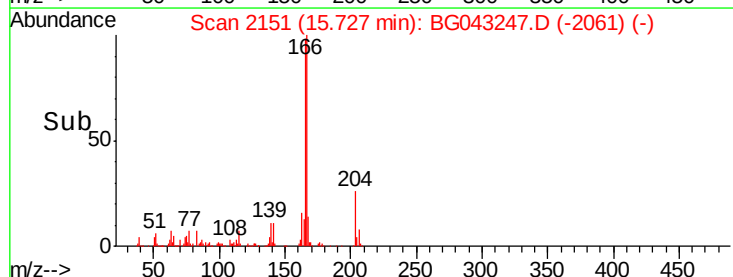
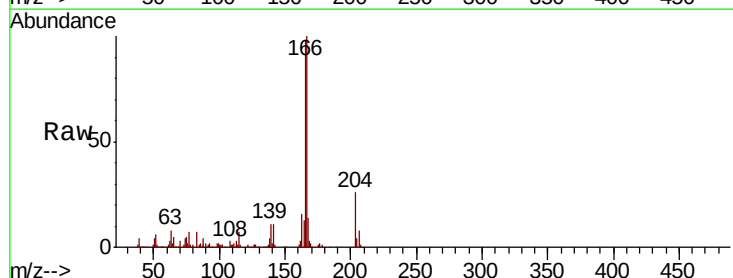
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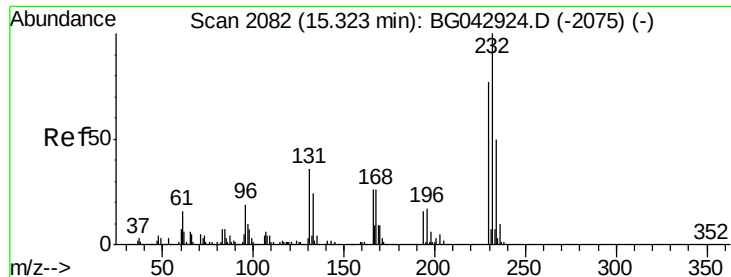
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#58
Fluorene
Concen: 42.181 ng
RT: 15.73 min Scan# 2151
Delta R.T. 0.00 min
Lab File: BG043247.D
Acq: 16 Oct 2019 16:23

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		403100		
165	98.5		77.1	115.7	
167	14.0		11.0	16.6	





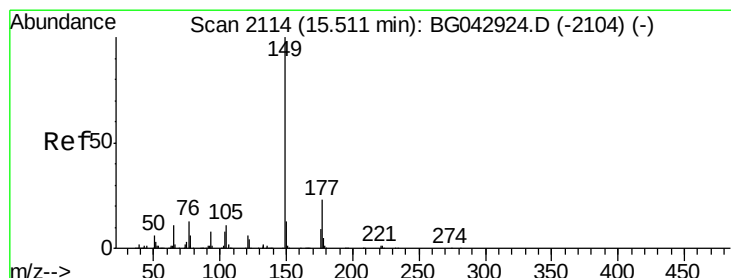
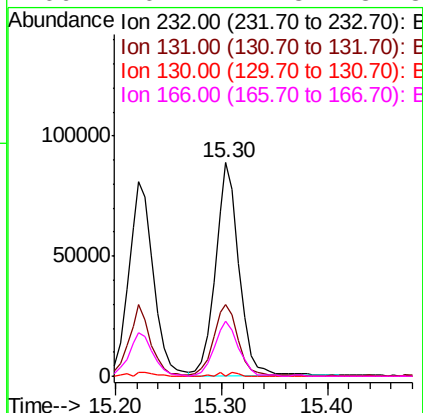
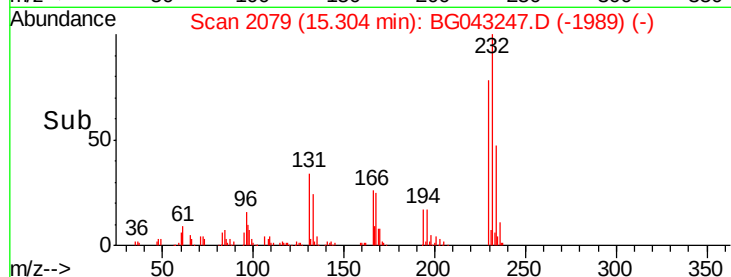
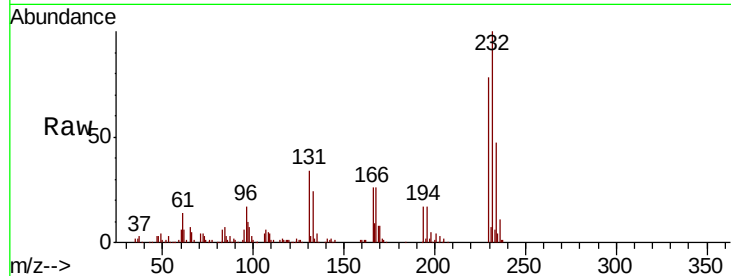
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 43.957 ng
 RT: 15.30 min Scan# 2079
 Delta R.T. 0.00 min
 Lab File: BG043247.D
 Acq: 16 Oct 2019 16:23

Instrument :
 BNA_G
 ClientSampleId :
 PB123988BS

Tot Ion	Ratio	Lower	Upper
232	100		
131	35.9	29.6	44.4
130	0.6	1.9	2.9
166	26.1	21.8	32.8

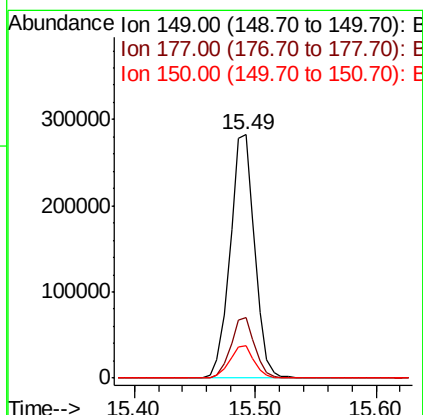
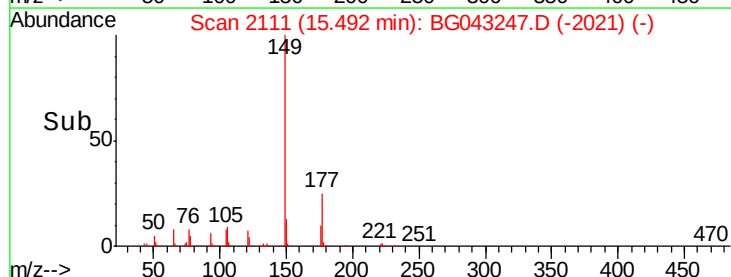
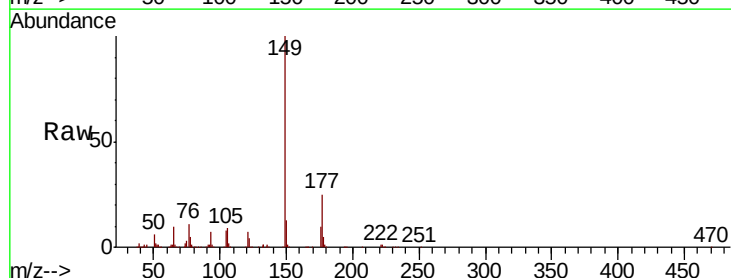
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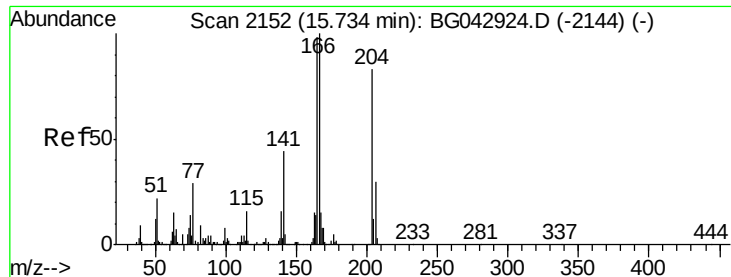
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#60
 Diethylphthalate
 Concen: 40.174 ng
 RT: 15.49 min Scan# 2111
 Delta R.T. 0.00 min
 Lab File: BG043247.D
 Acq: 16 Oct 2019 16:23

Tgt Ion	Ratio	Lower	Upper
149	100		
177	24.9	18.8	28.2
150	13.1	10.6	15.8





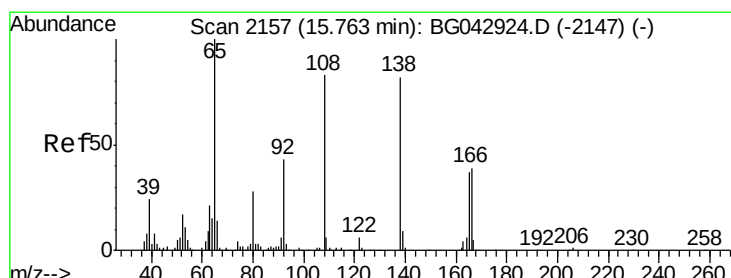
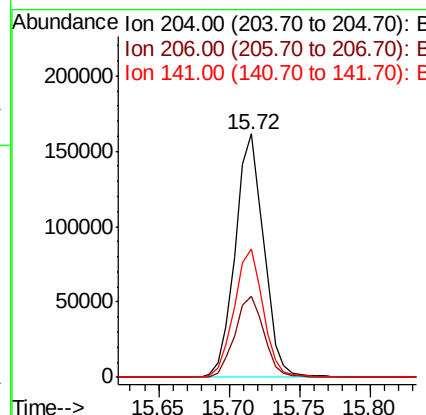
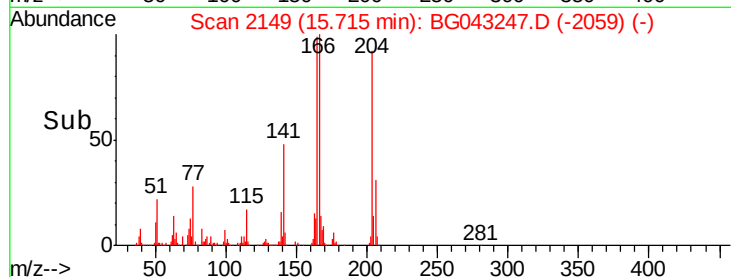
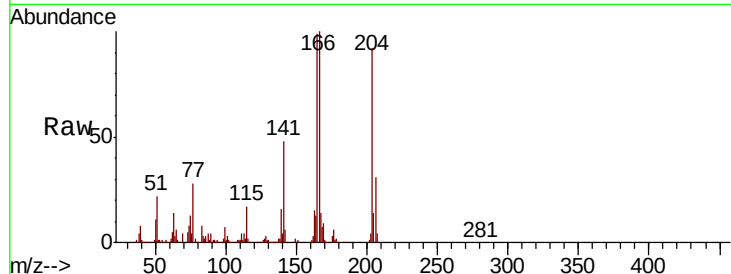
#61
4-Chlorophenyl-phenylether
Concen: 39.900 ng
RT: 15.72 min Scan# 2149
Delta R.T. 0.00 min
Lab File: BG043247.D
Acq: 16 Oct 2019 16:23

Instrument :
BNA_G
ClientSampleId :
PB123988BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.5	28.5	42.7
141	52.6	42.4	63.6

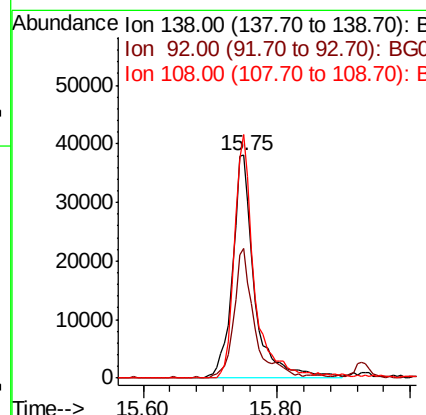
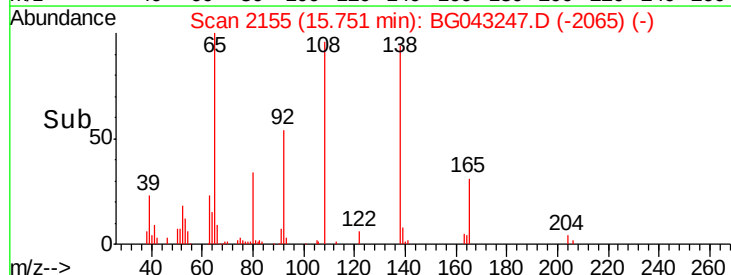
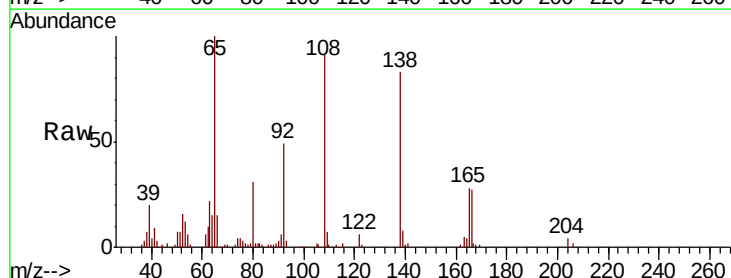
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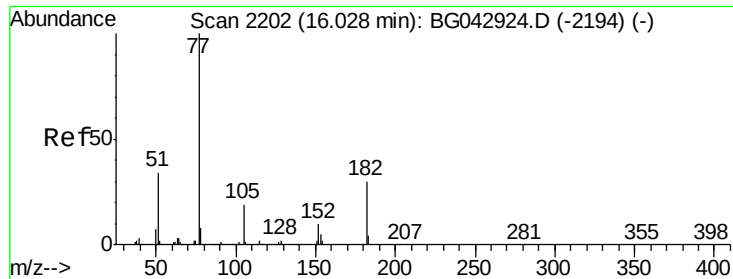
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#62
4-Nitroaniline
Concen: 37.782 ng
RT: 15.75 min Scan# 2155
Delta R.T. 0.00 min
Lab File: BG043247.D
Acq: 16 Oct 2019 16:23

Tgt Ion	Ratio	Lower	Upper
138	100		
92	58.3	32.9	72.9
108	109.2	81.3	121.3





#63

Azobenzene

Concen: 38.371 ng

RT: 16.01 min Scan# 2199

Delta R.T. 0.00 min

Lab File: BG043247.D

Acq: 16 Oct 2019 16:23

Instrument :

BNA_G

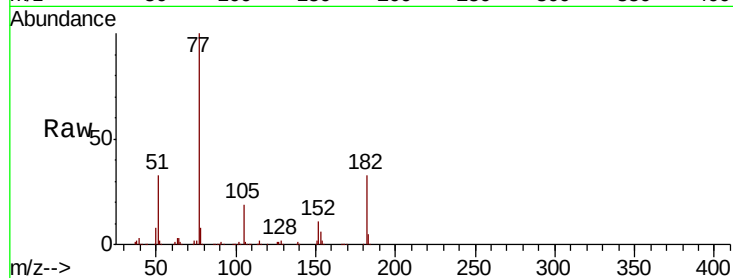
ClientSampleId :

PB123988BS

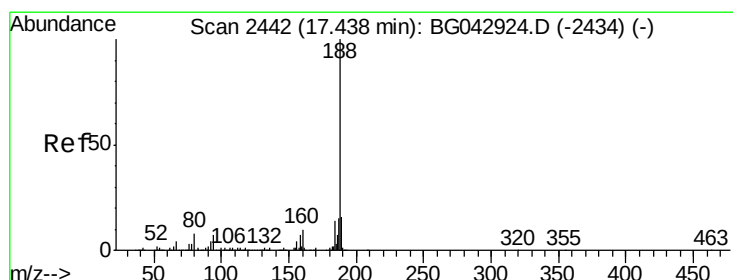
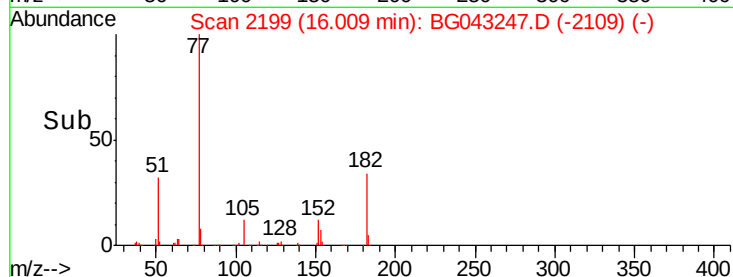
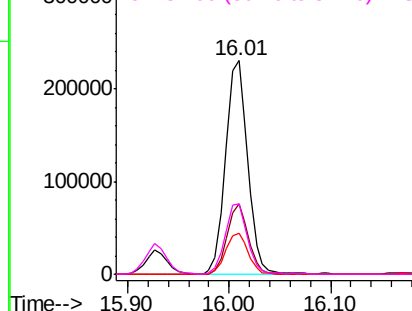
Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
182	32.7	10.2	50.2		
105	19.0	0.0	39.1		
51	32.9	13.9	53.9		

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



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.43 min Scan# 2440

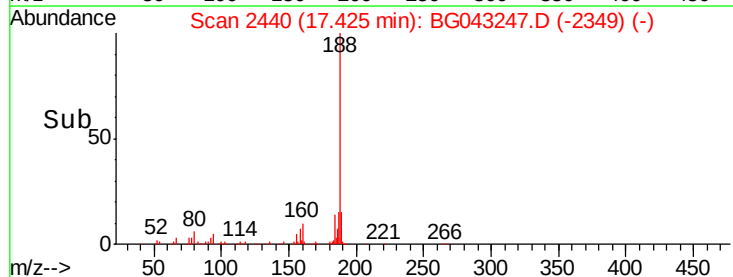
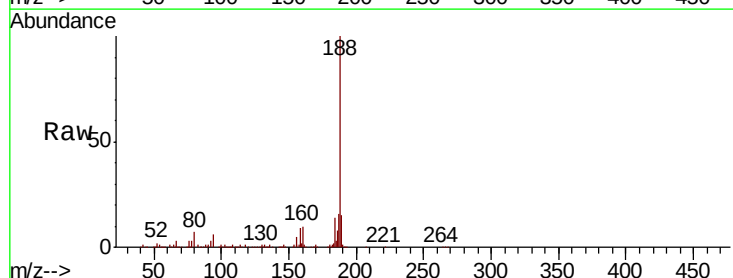
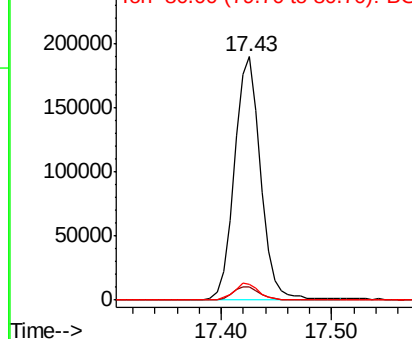
Delta R.T. 0.01 min

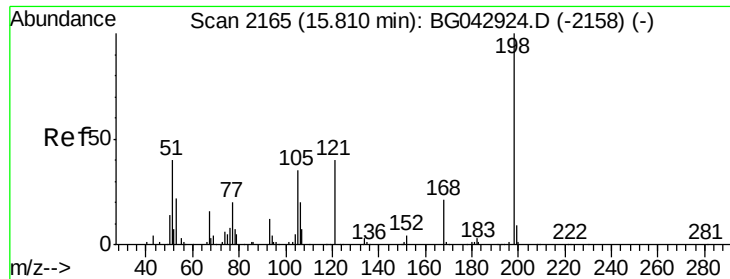
Lab File: BG043247.D

Acq: 16 Oct 2019 16:23

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100				
94	5.6	5.7	8.5#		
80	6.5	6.5	9.7		

Abundance Ion 188.00 (187.70 to 188.70): BGC
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC





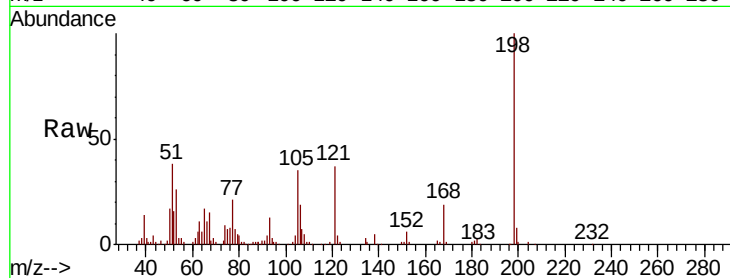
#65
 4,6-Dinitro-2-methylphenol
 Concen: 49.129 ng
 RT: 15.80 min Scan# 2164
 Delta R.T. 0.01 min
 Lab File: BG043247.D
 Acq: 16 Oct 2019 16:23

Instrument :
 BNA_G
 ClientSampleId :
 PB123988BS

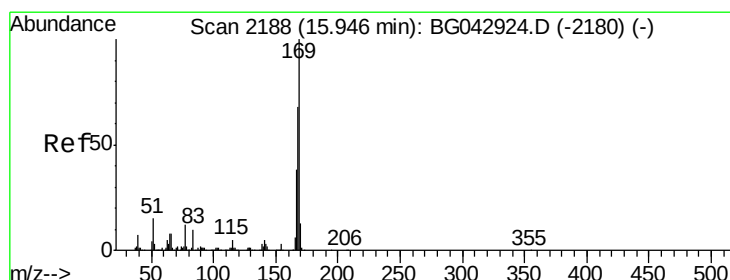
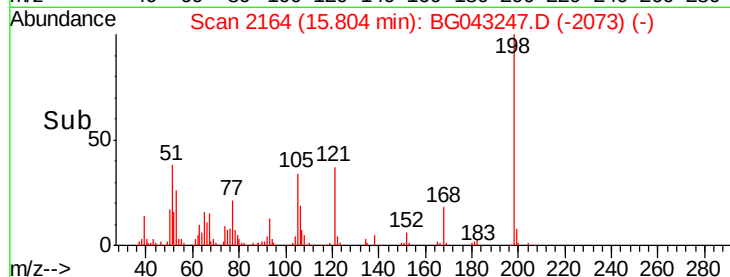
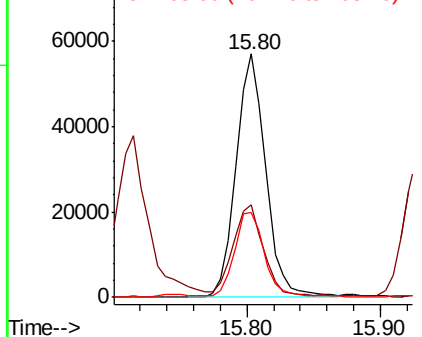
Tot Ion	Ratio	Resp	Lower	Upper
198	100	87971		
51	38.0		25.3	65.3
105	34.6		16.6	56.6

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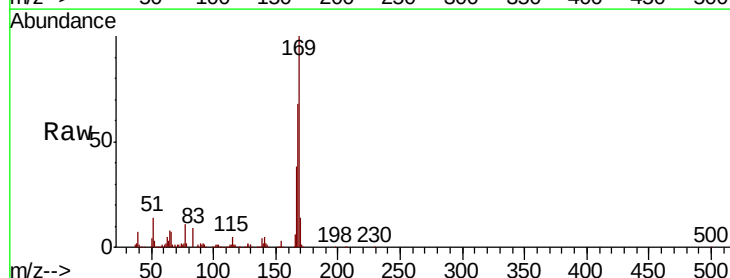


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

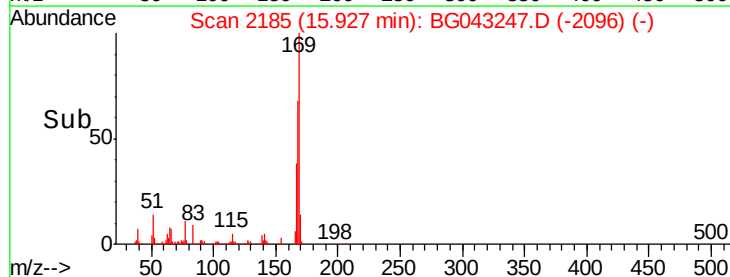
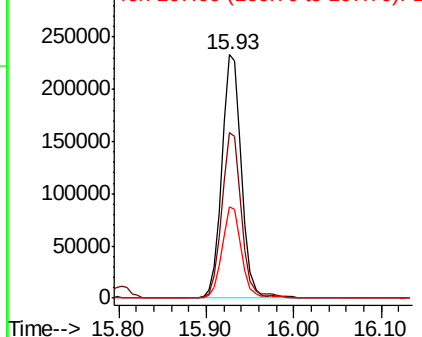


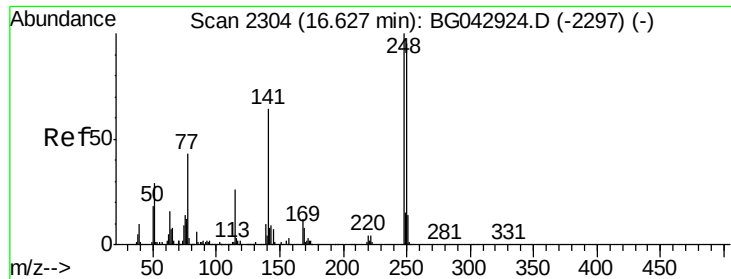
#66
 n-Nitrosodiphenylamine
 Concen: 43.180 ng
 RT: 15.93 min Scan# 2185
 Delta R.T. -0.01 min
 Lab File: BG043247.D
 Acq: 16 Oct 2019 16:23

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	360706		
168	67.8		54.8	82.2
167	37.6		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





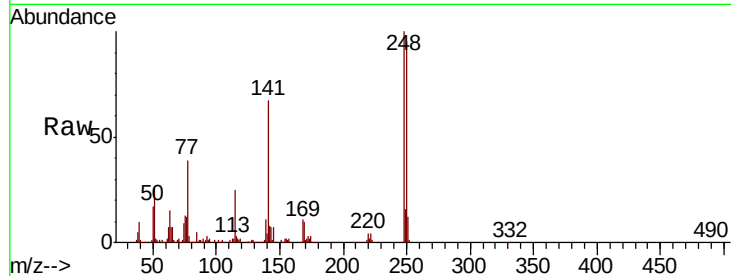
#67
4-Bromophenyl-phenylether
Concen: 40.871 ng
RT: 16.61 min Scan# 2301
Delta R.T. 0.00 min
Lab File: BG043247.D
Acq: 16 Oct 2019 16:23

Instrument :
BNA_G
ClientSampled :
PB123988BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	95.3	75.8	113.8
141	67.1	51.1	76.7

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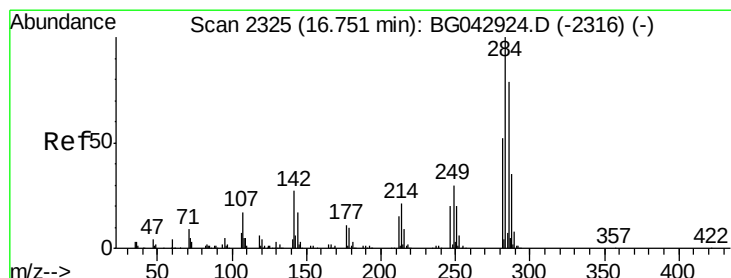
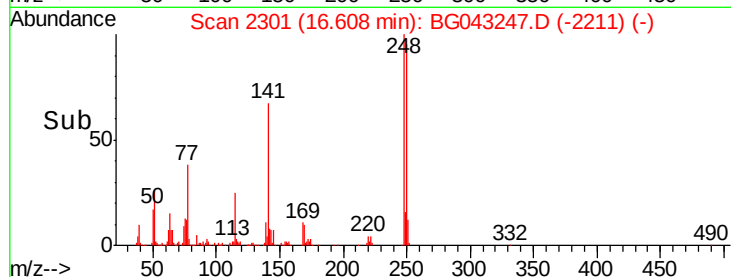
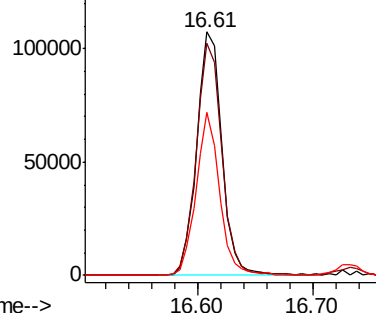


Abundance

Ion 248.00 (247.70 to 248.70): E

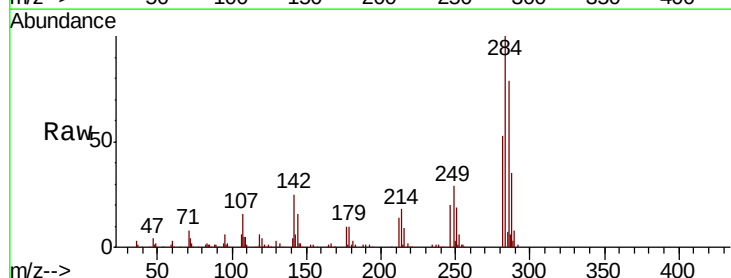
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 41.974 ng
RT: 16.73 min Scan# 2322
Delta R.T. 0.00 min
Lab File: BG043247.D
Acq: 16 Oct 2019 16:23

Tgt Ion	Ratio	Lower	Upper
284	100		
142	24.8	21.6	32.4
249	28.9	24.1	36.1

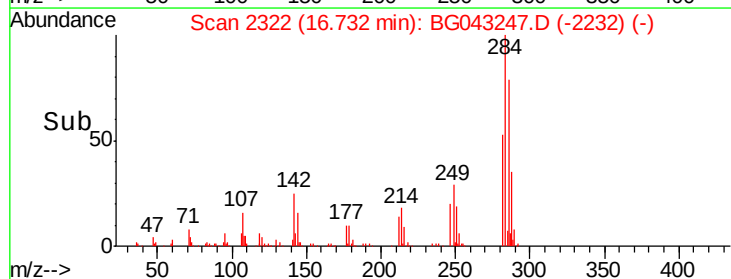
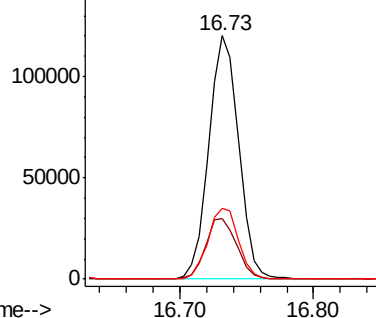


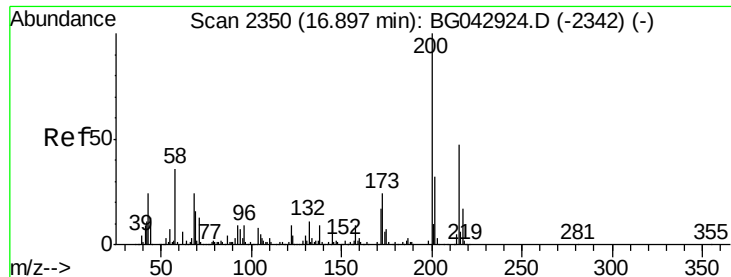
Abundance

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





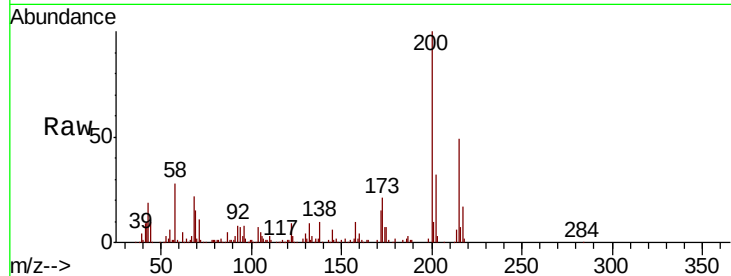
#69
Atrazine
Concen: 42.446 ng
RT: 16.88 min Scan# 2347
Delta R.T. 0.00 min
Lab File: BG043247.D
Acq: 16 Oct 2019 16:23

Instrument :
BNA_G
ClientSampleId :
PB123988BS

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	21.2	4.0	44.0
215	48.7	27.4	67.4

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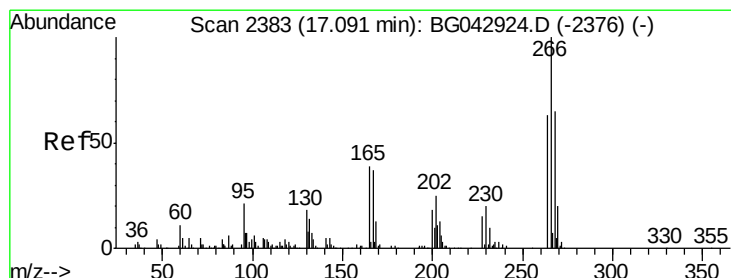
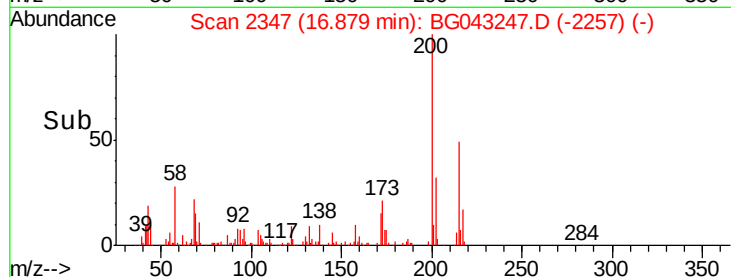
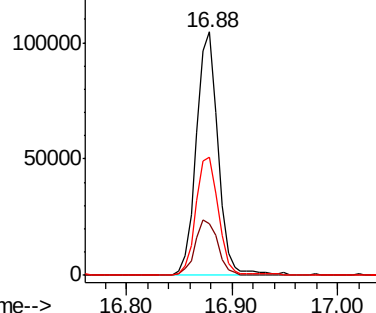


Abundance

Ion 200.00 (199.70 to 200.70): E

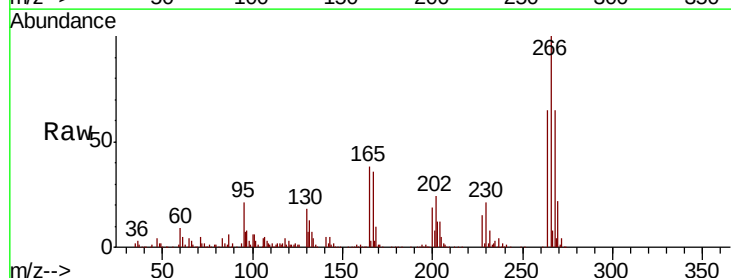
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 86.455 ng
RT: 17.08 min Scan# 2381
Delta R.T. 0.00 min
Lab File: BG043247.D
Acq: 16 Oct 2019 16:23

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	64.9	52.2	78.2
264	64.8	50.7	76.1

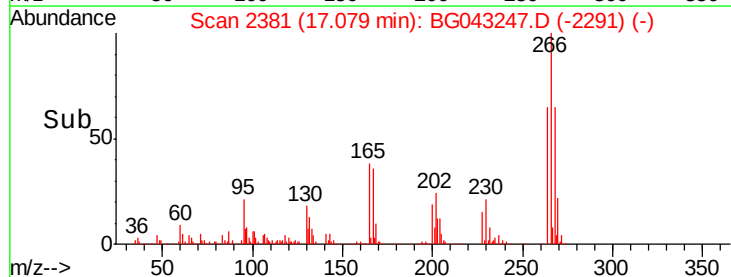
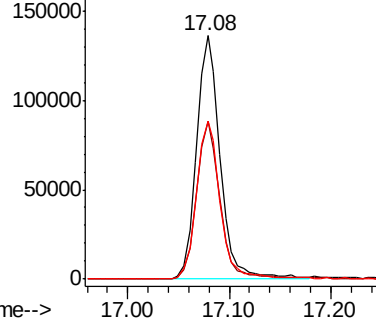


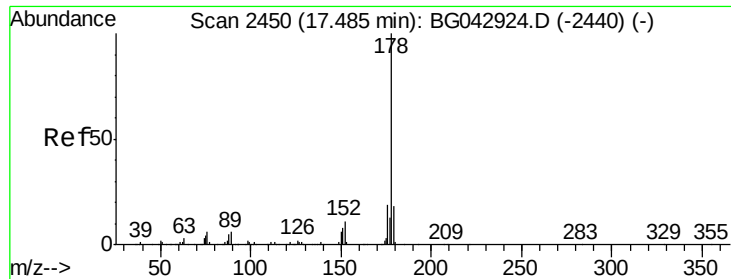
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 42.552 ng

RT: 17.47 min Scan# 2447

Delta R.T. 0.00 min

Lab File: BG043247.D

Acq: 16 Oct 2019 16:23

Instrument :

BNA_G

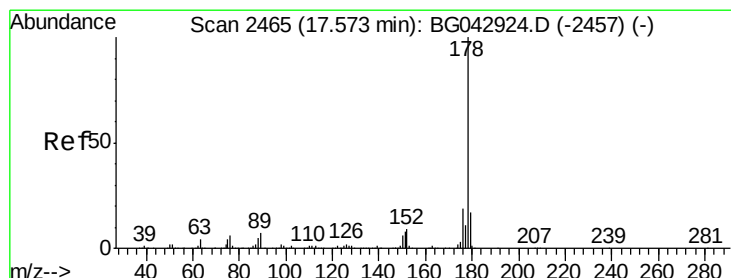
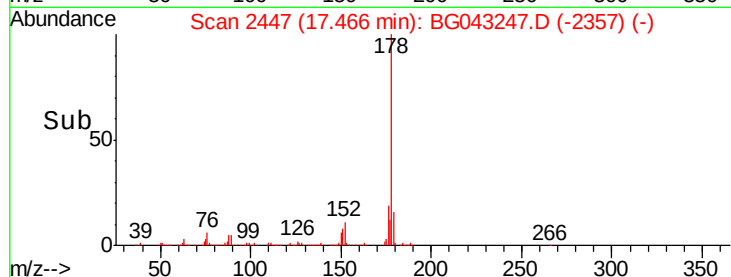
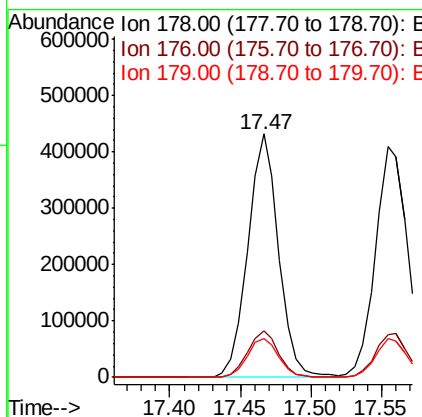
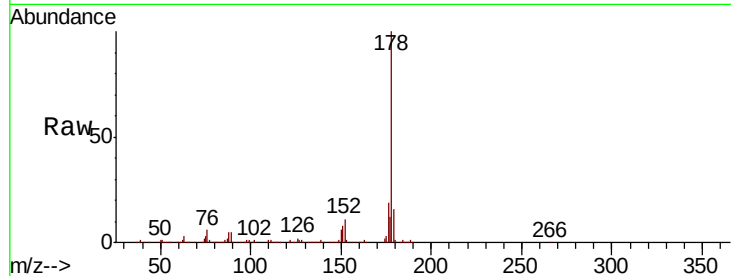
ClientSampleId :

PB123988BS

Tot Ion:	178	Resp:	657378
Ion Ratio	Lower	Upper	
178	100		
176	19.2	15.1	22.7
179	16.2	14.1	21.1

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#72

Anthracene

Concen: 43.064 ng

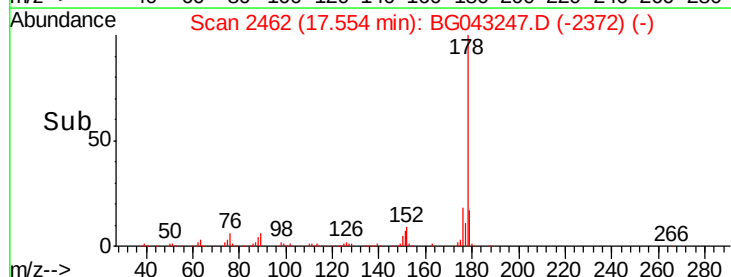
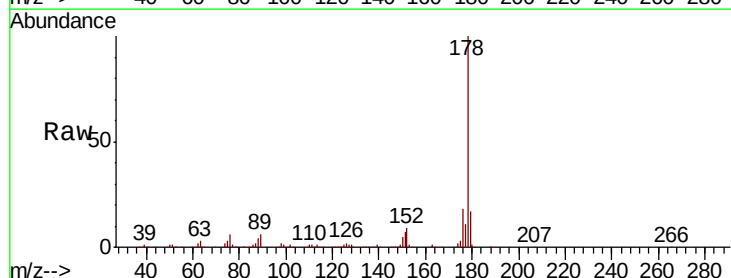
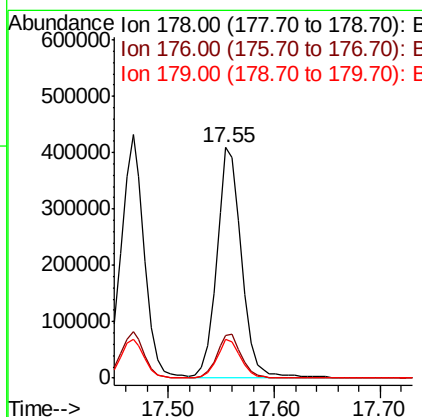
RT: 17.55 min Scan# 2462

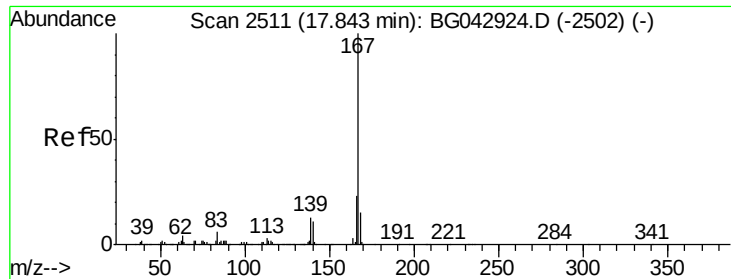
Delta R.T. 0.00 min

Lab File: BG043247.D

Acq: 16 Oct 2019 16:23

Tgt Ion:	178	Resp:	664160
Ion Ratio	Lower	Upper	
178	100		
176	18.4	15.5	23.3
179	16.6	13.5	20.3





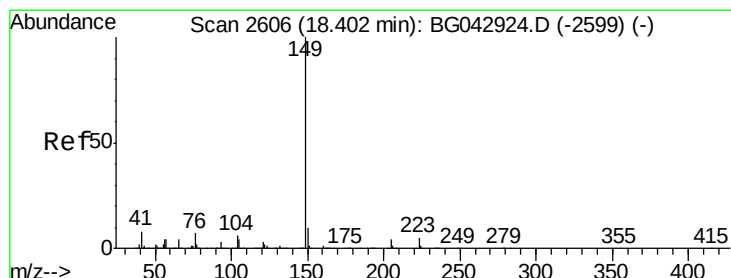
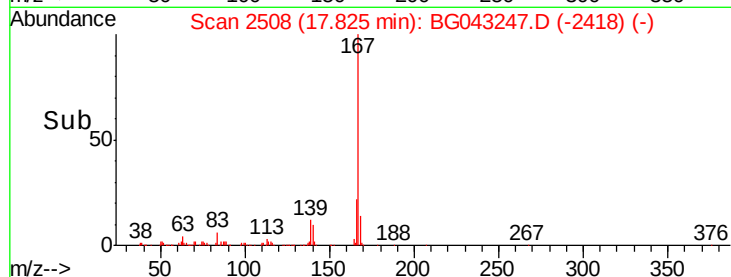
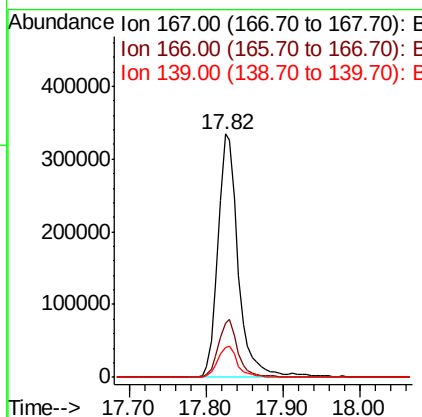
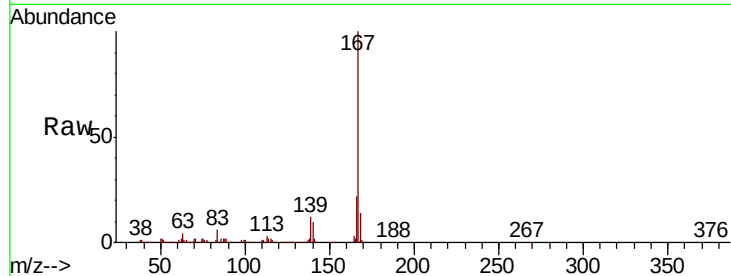
#73
 Carbazole
 Concen: 42.751 ng
 RT: 17.82 min Scan# 2508
 Delta R.T. 0.00 min
 Lab File: BG043247.D
 Acq: 16 Oct 2019 16:23

Instrument :
 BNA_G
 ClientSampleId :
 PB123988BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.3	18.6	28.0
139	12.3	10.8	16.2

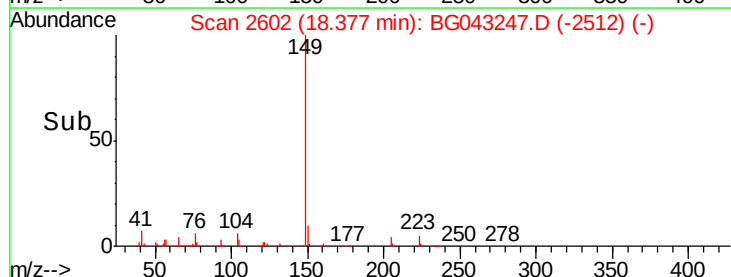
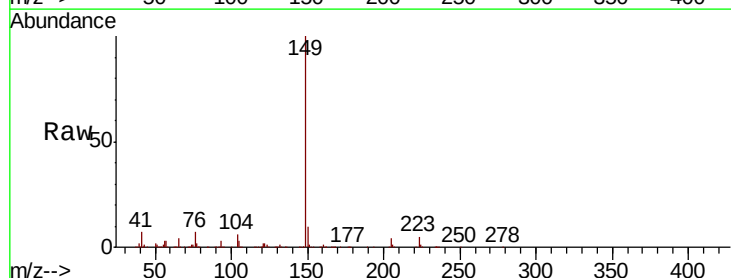
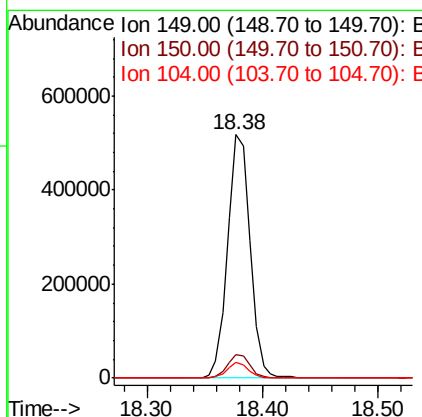
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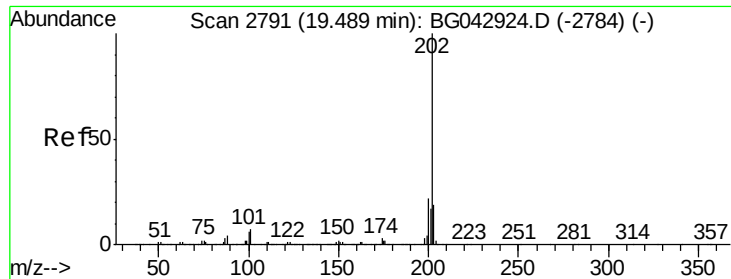
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#74
 Di-n-butylphthalate
 Concen: 41.118 ng
 RT: 18.38 min Scan# 2602
 Delta R.T. 0.00 min
 Lab File: BG043247.D
 Acq: 16 Oct 2019 16:23

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.8	7.7	11.5
104	6.3	5.0	7.6





#75

Fluoranthene

Concen: 43.103 ng

RT: 19.48 min Scan# 2789

Delta R.T. 0.01 min

Lab File: BG043247.D

Acq: 16 Oct 2019 16:23

Instrument :

BNA_G

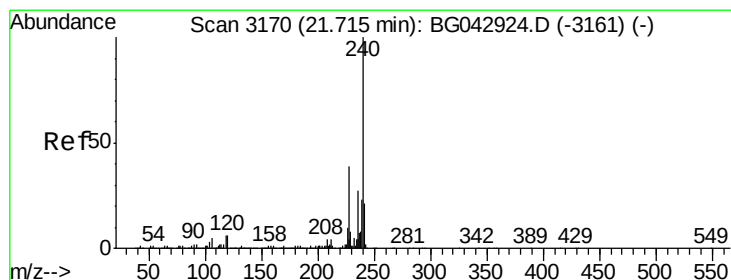
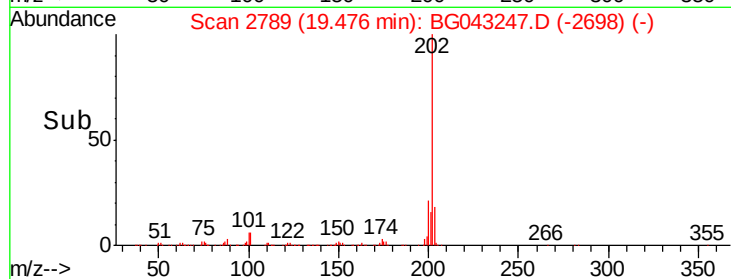
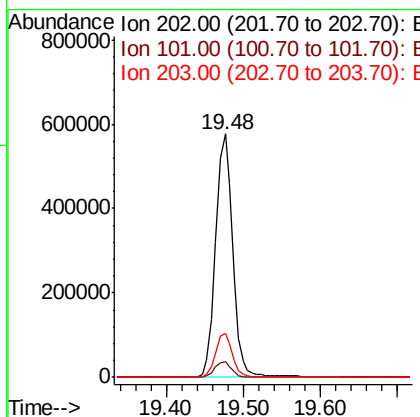
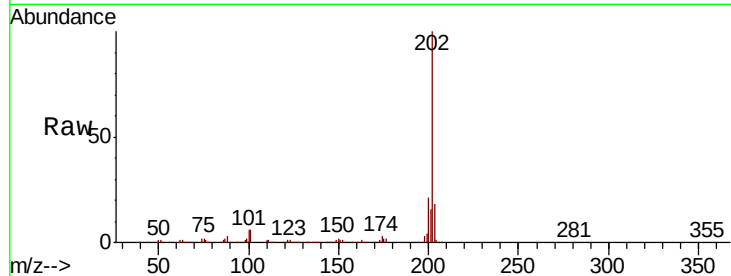
ClientSampleId :

PB123988BS

Tot Ion	Ratio	Resp	Lower	Upper
202	100	880760		
101	6.5	0.0	27.3	
203	18.2	0.0	39.5	

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#76

Chrysene-d12

Concen: 20.000 ng

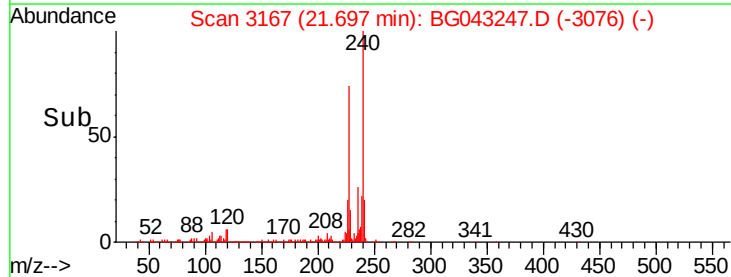
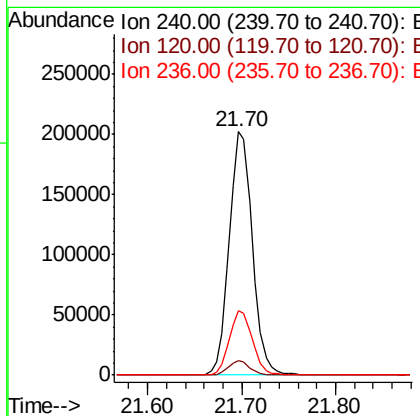
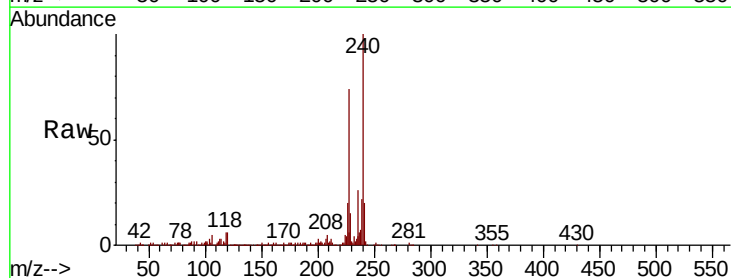
RT: 21.70 min Scan# 3167

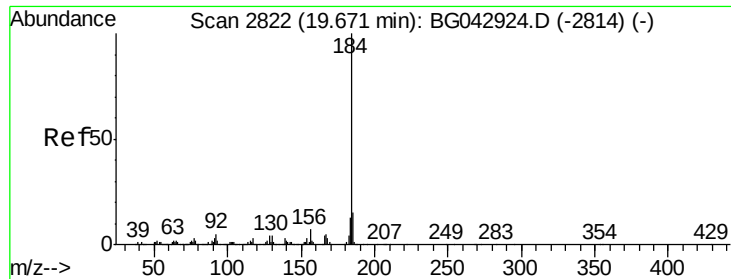
Delta R.T. 0.01 min

Lab File: BG043247.D

Acq: 16 Oct 2019 16:23

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	346919		
120	5.8	4.8	7.2	
236	26.3	21.4	32.0	





#77

Benzidine

Concen: 21.557 ng

RT: 19.66 min Scan# 2820

Delta R.T. 0.00 min

Lab File: BG043247.D

Acq: 16 Oct 2019 16:23

Instrument :

BNA_G

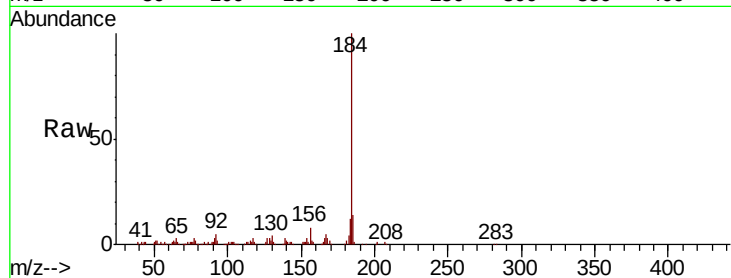
ClientSampleId :

PB123988BS

Tot Ion:	184	Resp:	187253
Ion Ratio	Lower	Upper	
184	100		
185	13.7	11.8	17.8
183	11.8	10.1	15.1

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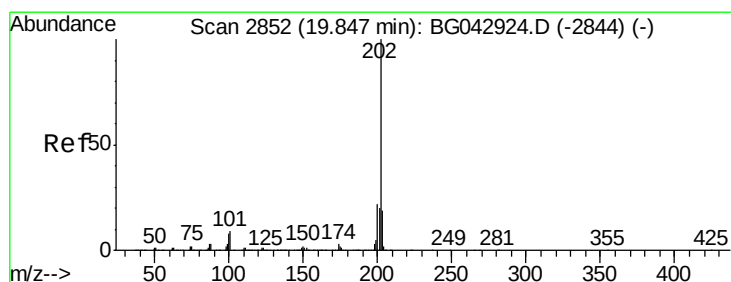
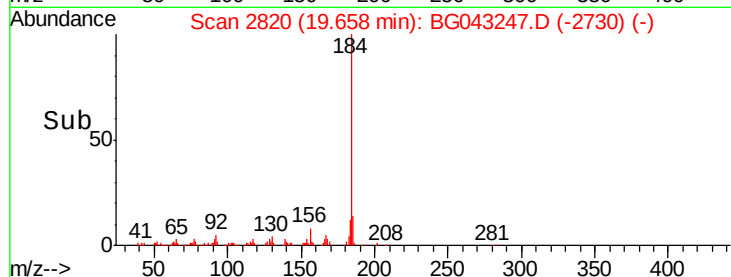
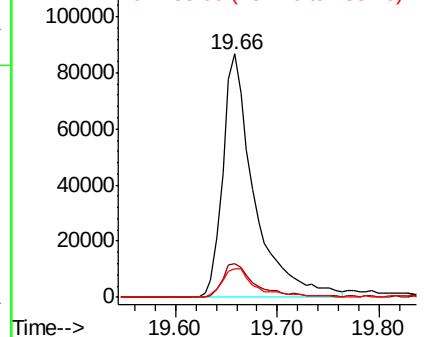


Abundance

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: 43.067 ng

RT: 19.83 min Scan# 2850

Delta R.T. 0.00 min

Lab File: BG043247.D

Acq: 16 Oct 2019 16:23

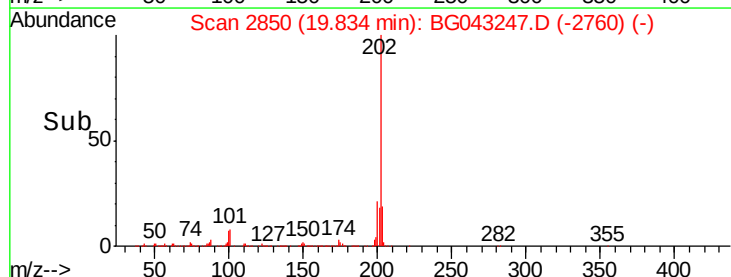
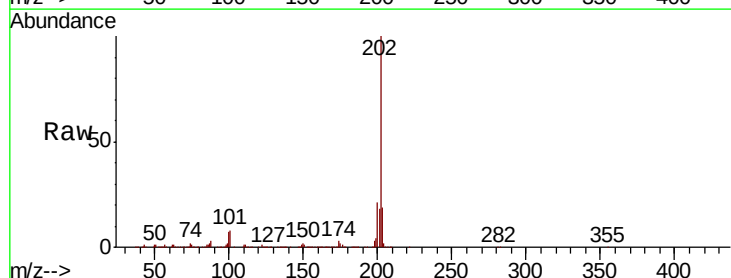
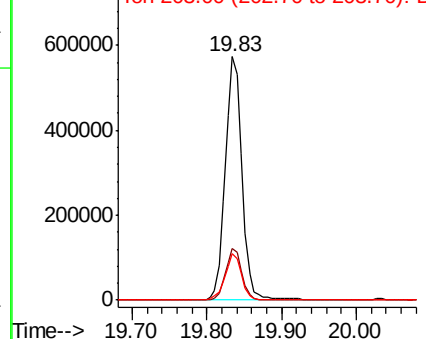
Tgt Ion:	202	Resp:	891761
Ion Ratio	Lower	Upper	
202	100		
200	21.5	17.6	26.4
203	18.9	15.2	22.8

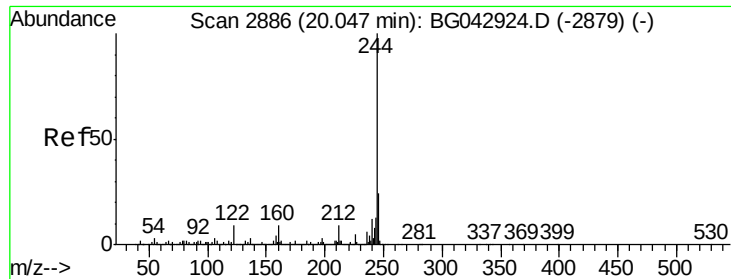
Abundance

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: 70.437 ng

RT: 20.03 min Scan# 2884

Delta R.T. 0.01 min

Lab File: BG043247.D

Acq: 16 Oct 2019 16:23

Instrument :

BNA_G

ClientSampleId :

PB123988BS

Tot Ion:244 Resp: 1146756

Ion Ratio Lower Upper

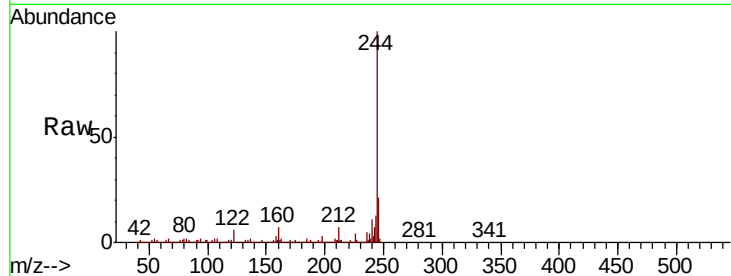
244 100

212 7.1 7.4 11.0#

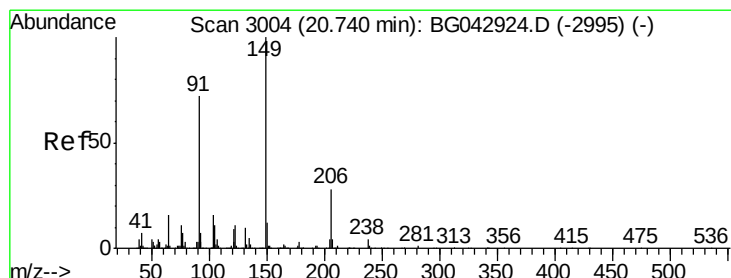
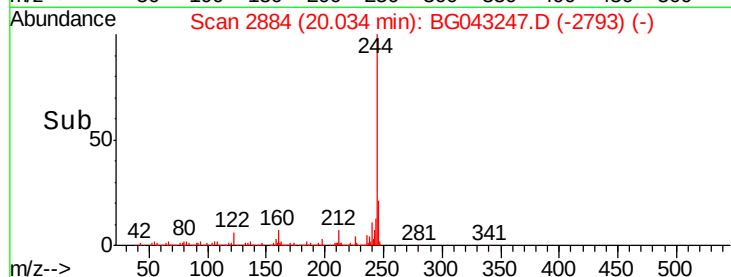
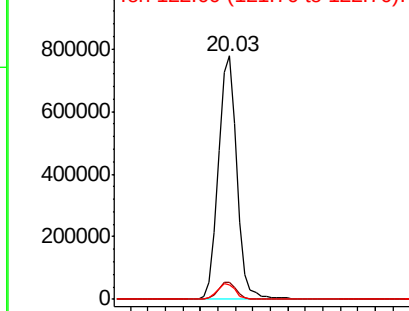
122 6.2 7.0 10.4#

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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: 40.911 ng

RT: 20.72 min Scan# 3000

Delta R.T. 0.00 min

Lab File: BG043247.D

Acq: 16 Oct 2019 16:23

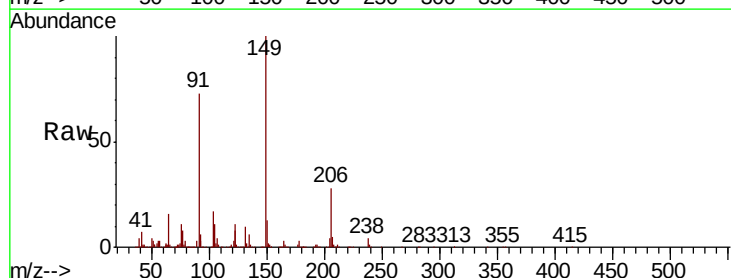
Tgt Ion:149 Resp: 321542

Ion Ratio Lower Upper

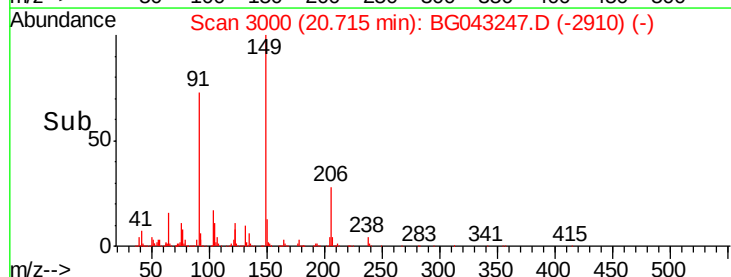
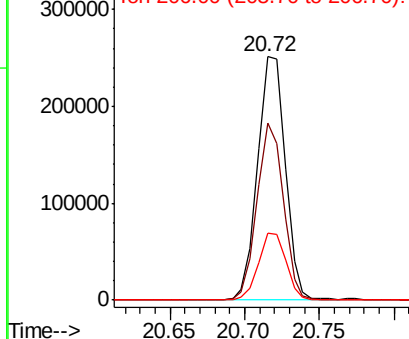
149 100

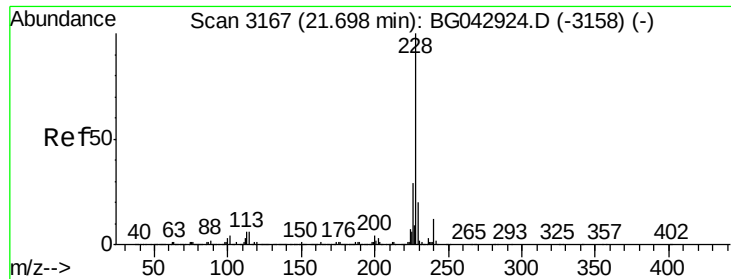
91 72.5 57.7 86.5

206 27.6 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: 41.875 ng

RT: 21.68 min Scan# 3164

Delta R.T. 0.01 min

Lab File: BG043247.D

Acq: 16 Oct 2019 16:23

Instrument :

BNA_G

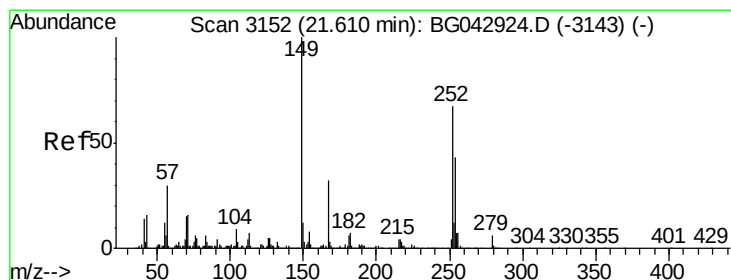
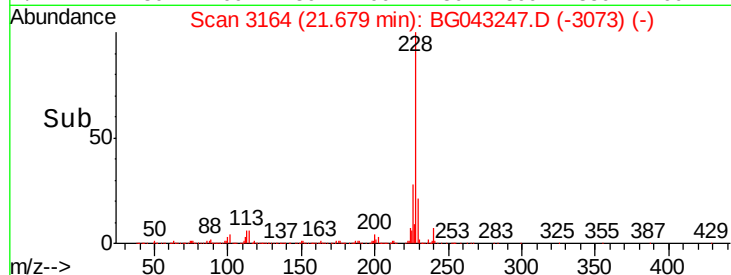
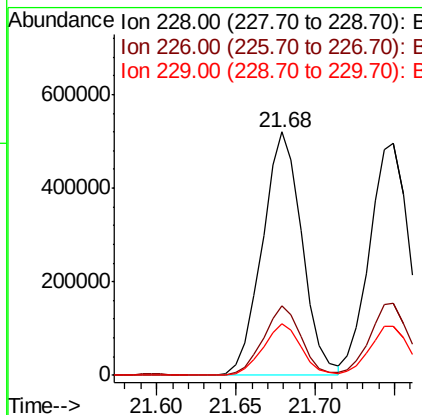
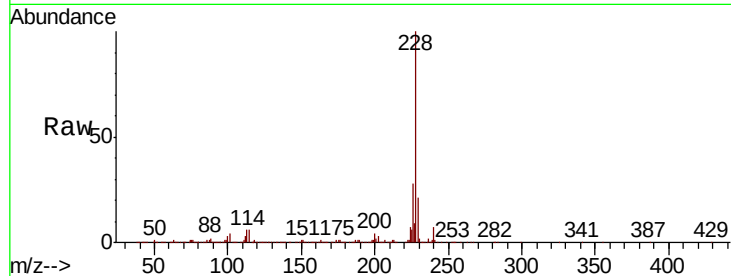
ClientSampleId :

PB123988BS

Tot Ion:	228	Resp:	905177
Ion Ratio		Lower	Upper
228	100		
226	28.4	23.0	34.4
229	21.2	16.3	24.5

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#82

3,3'-Dichlorobenzidine

Concen: 37.035 ng

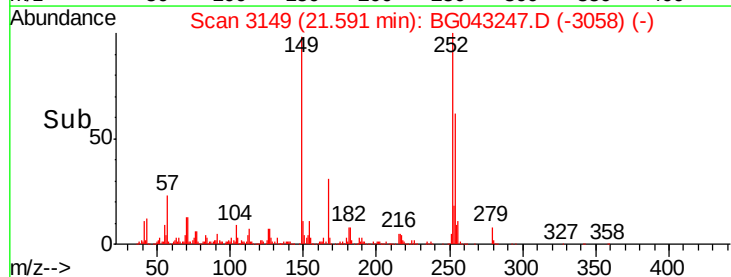
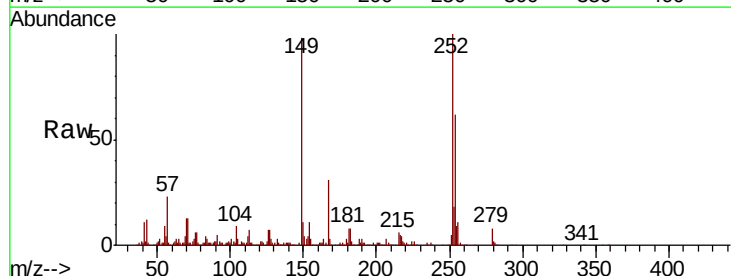
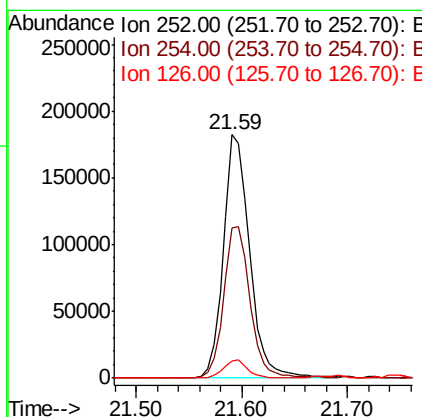
RT: 21.59 min Scan# 3149

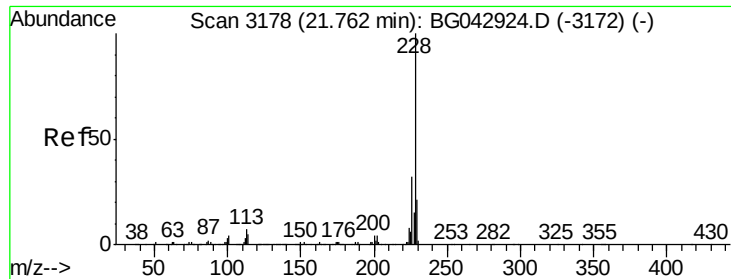
Delta R.T. 0.01 min

Lab File: BG043247.D

Acq: 16 Oct 2019 16:23

Tgt Ion:	252	Resp:	313990
Ion Ratio		Lower	Upper
252	100		
254	61.9	51.9	77.9
126	6.8	6.1	9.1





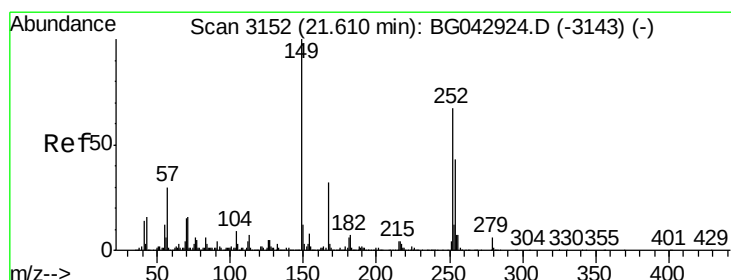
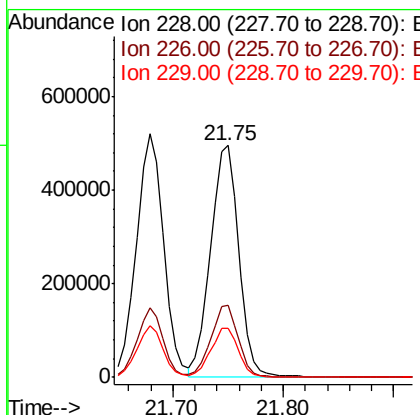
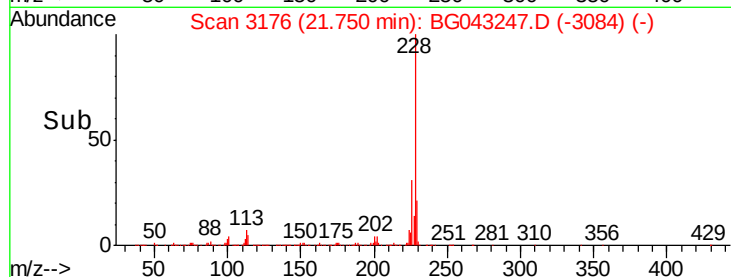
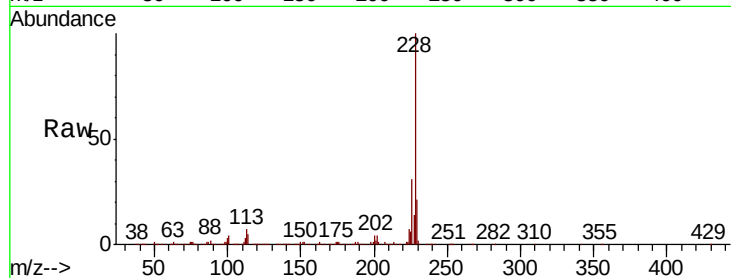
#83
Chrysene
Concen: 41.572 ng
RT: 21.75 min Scan# 3176
Delta R.T. 0.01 min
Lab File: BG043247.D
Acq: 16 Oct 2019 16:23

Instrument :
BNA_G
ClientSampleId :
PB123988BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.1	25.6	38.4
229	21.1	16.9	25.3

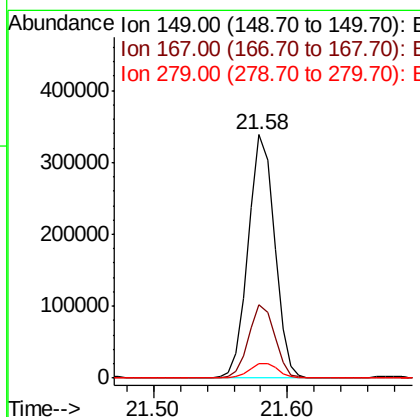
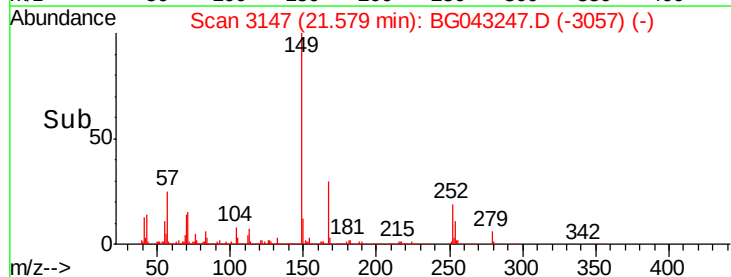
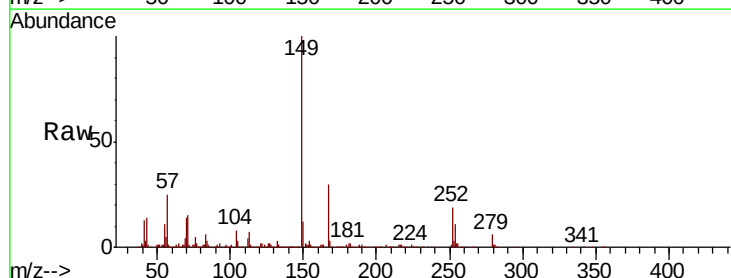
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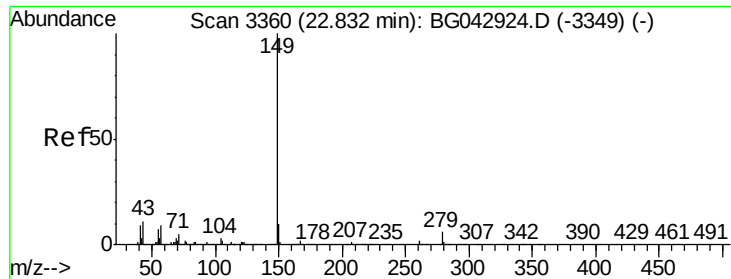
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#84
Bis(2-ethylhexyl)phthalate
Concen: 41.076 ng
RT: 21.58 min Scan# 3147
Delta R.T. 0.00 min
Lab File: BG043247.D
Acq: 16 Oct 2019 16:23

Tgt Ion	Ratio	Lower	Upper
149	100		
167	30.1	25.4	38.2
279	6.1	5.1	7.7





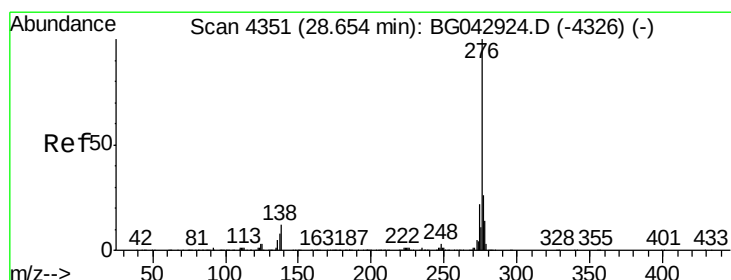
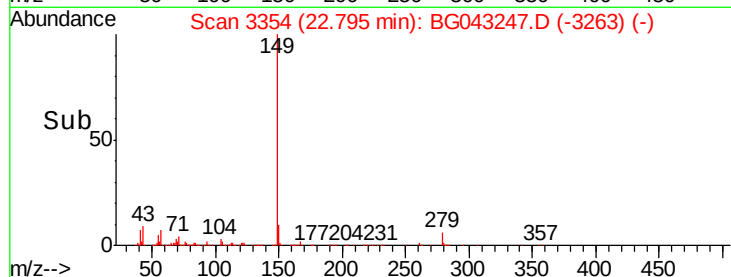
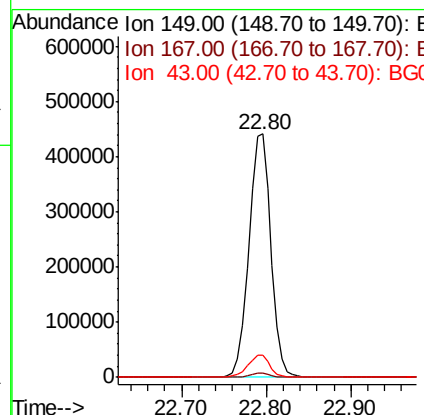
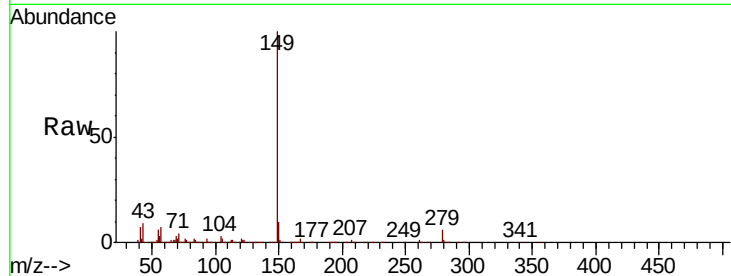
#85
Di-n-octyl phthalate
Concen: 43.369 ng
RT: 22.80 min Scan# 3354
Delta R.T. 0.01 min
Lab File: BG043247.D
Acq: 16 Oct 2019 16:23

Instrument :
BNA_G
ClientSampleId :
PB123988BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.4	2.0
43	8.9	8.7	13.1

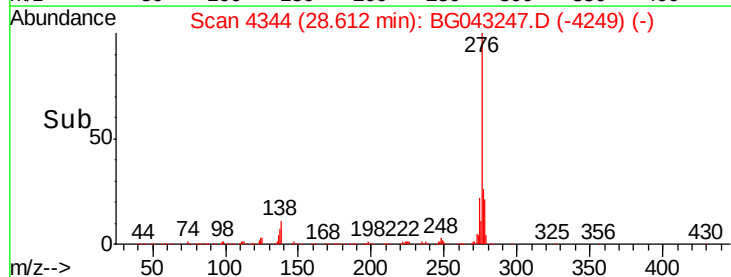
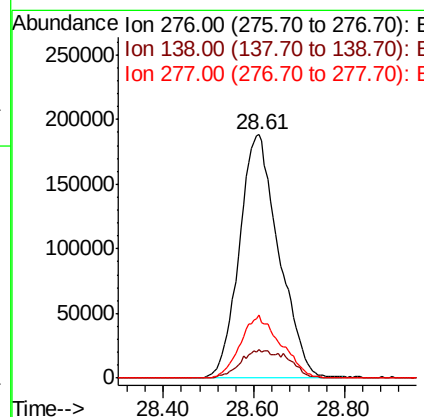
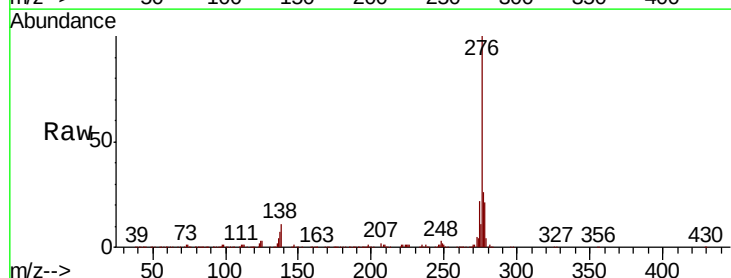
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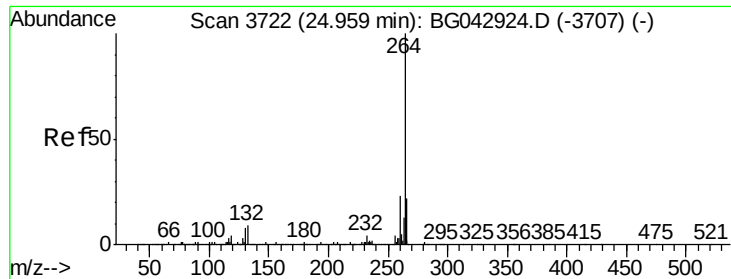
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#86
Indeno(1,2,3-cd)pyrene
Concen: 43.600 ng
RT: 28.61 min Scan# 4344
Delta R.T. 0.03 min
Lab File: BG043247.D
Acq: 16 Oct 2019 16:23

Tgt Ion	Ratio	Lower	Upper
276	100		
138	9.4	7.0	10.6
277	26.3	20.9	31.3





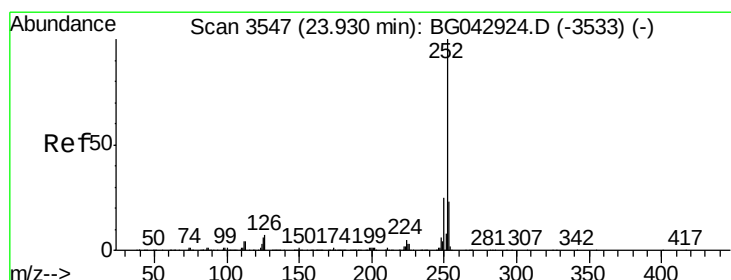
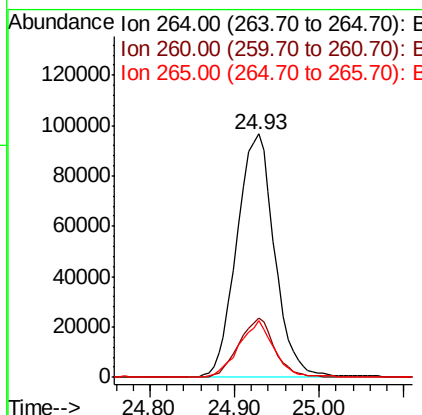
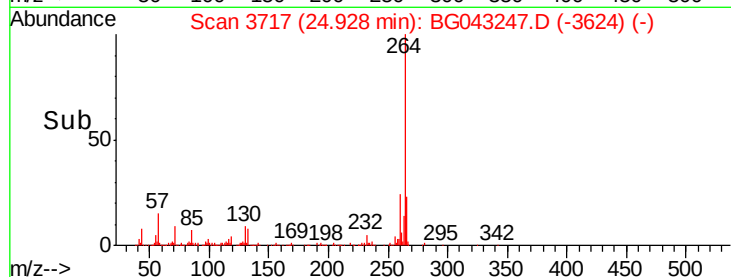
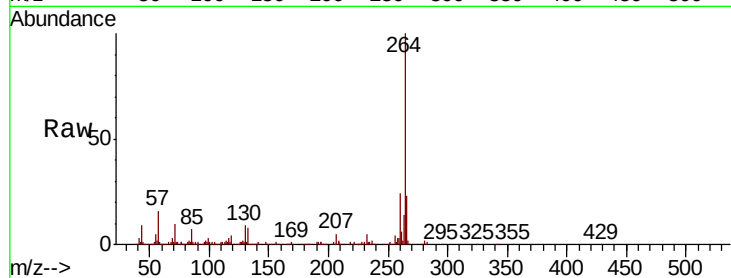
#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.93 min Scan# 3717
Delta R.T. 0.02 min
Lab File: BG043247.D
Acq: 16 Oct 2019 16:23

Instrument :
BNA_G
ClientSampleId :
PB123988BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.4	18.7	28.1
265	23.2	17.7	26.5

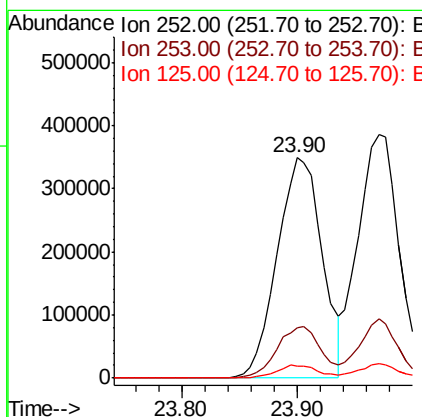
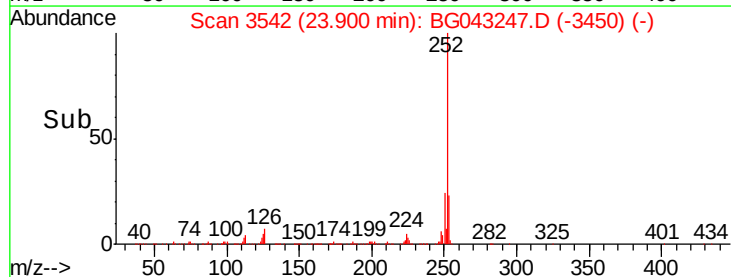
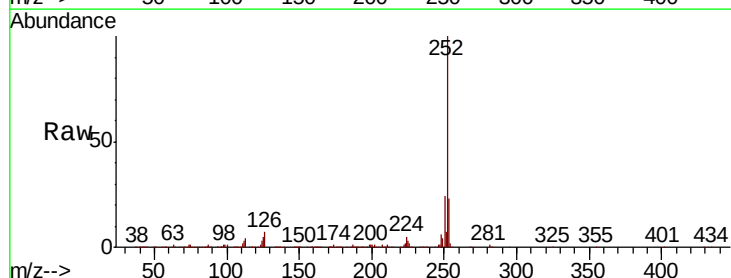
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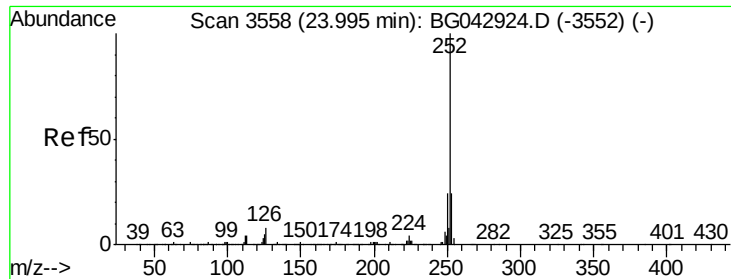
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#88
Benzo(b)fluoranthene
Concen: 55.804 ng
RT: 23.90 min Scan# 3542
Delta R.T. 0.01 min
Lab File: BG043247.D
Acq: 16 Oct 2019 16:23

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.2	27.2
125	5.4	4.6	7.0





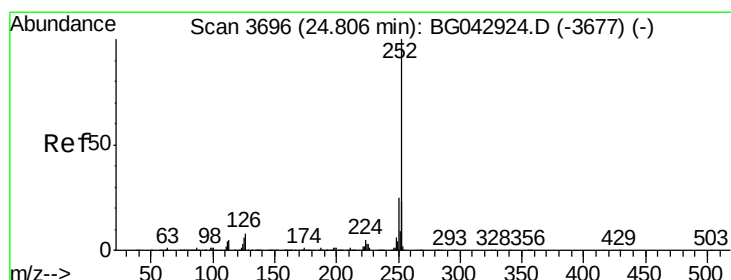
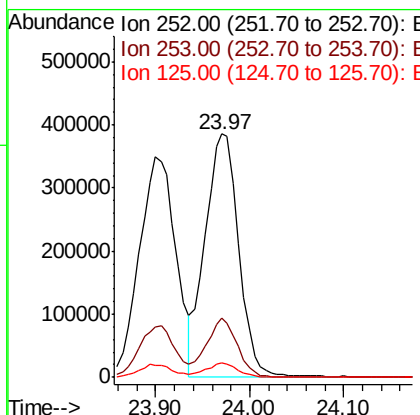
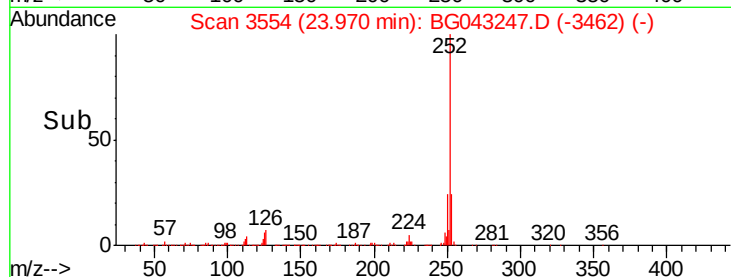
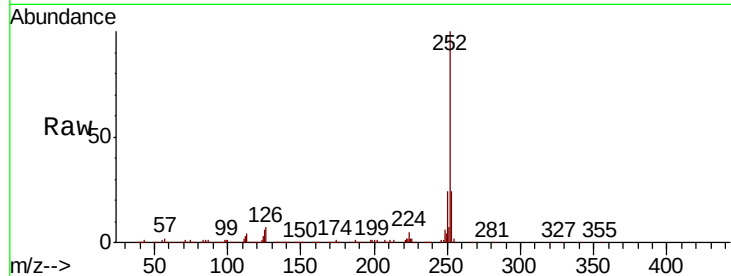
#89
Benzo(k)fluoranthene
Concen: 57.164 ng
RT: 23.97 min Scan# 3554
Delta R.T. 0.01 min
Lab File: BG043247.D
Acq: 16 Oct 2019 16:23

Instrument :
BNA_G
ClientSampleId :
PB123988BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.2	18.9	28.3
125	5.9	4.5	6.7

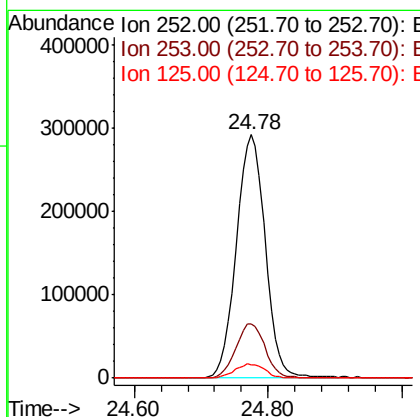
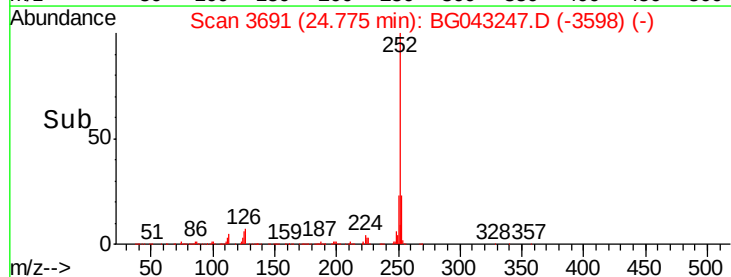
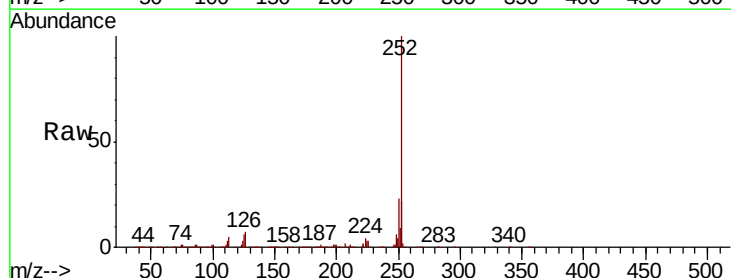
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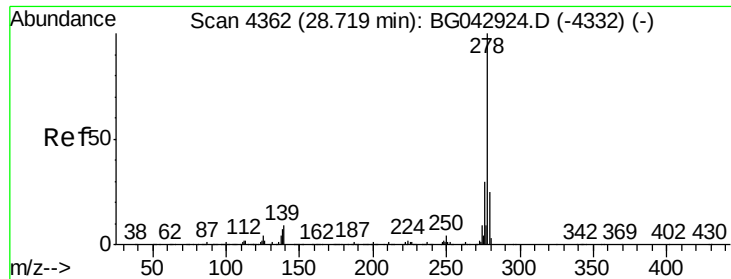
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#90
Benzo(a)pyrene
Concen: 54.759 ng
RT: 24.78 min Scan# 3691
Delta R.T. 0.02 min
Lab File: BG043247.D
Acq: 16 Oct 2019 16:23

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.2	27.4
125	5.6	5.0	7.6





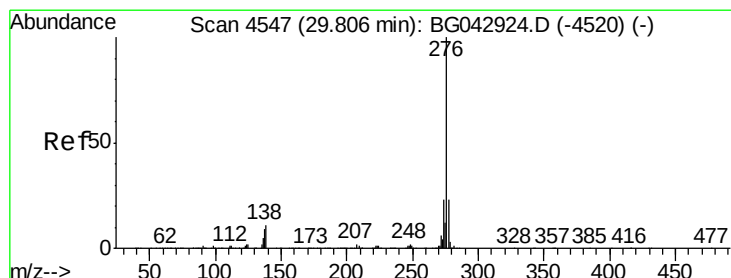
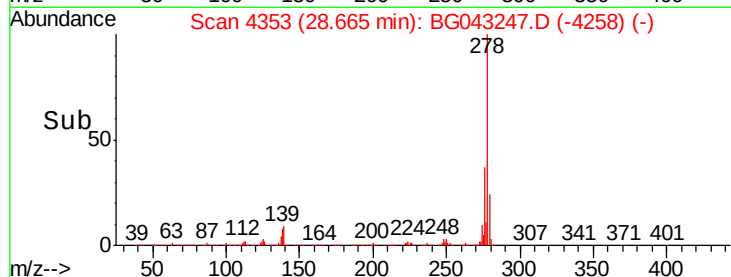
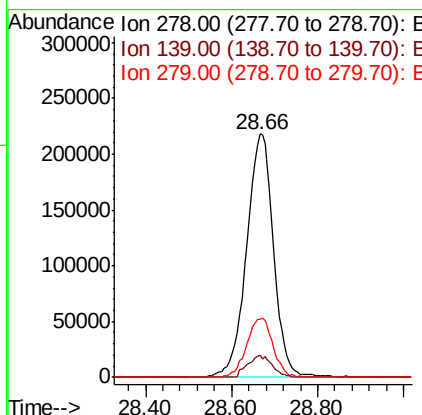
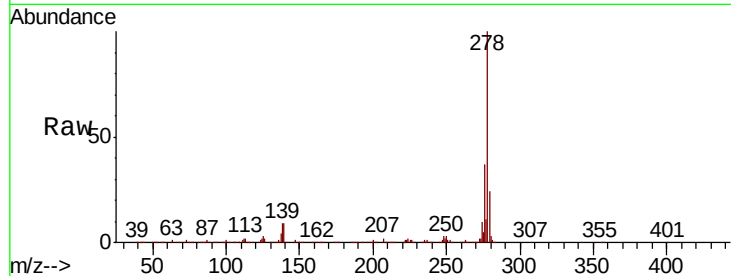
#91
Dibenzo(a,h)anthracene
Concen: 59.334 ng
RT: 28.66 min Scan# 4353
Delta R.T. 0.03 min
Lab File: BG043247.D
Acq: 16 Oct 2019 16:23

Instrument :
BNA_G
ClientSampleId :
PB123988BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	9.0	6.8	10.2
279	23.7	20.1	30.1

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#92
Benzo(g,h,i)perylene
Concen: 60.773 ng
RT: 29.76 min Scan# 4540
Delta R.T. 0.04 min
Lab File: BG043247.D
Acq: 16 Oct 2019 16:23

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.2	18.4	27.6
138	10.2	8.6	12.8

