

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010620\
 Data File : BG043943.D
 Acq On : 6 Jan 2020 22:49
 Operator : JU
 Sample : IDOC-W-02-CG
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 IDOC-W-02-CG

Manual Integrations
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mohammad
 1/7/2020 12:30:57 PM

Quant Time: Jan 07 07:08:39 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 31 13:32:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	108173	20.00	ng	0.00
21) Naphthalene-d8	10.76	136	480952	20.00	ng	0.00
39) Acenaphthene-d10	14.59	164	322988	20.00	ng	0.00
64) Phenanthrene-d10	17.34	188	705809	20.00	ng	0.00
76) Chrysene-d12	21.59	240	619145	20.00	ng	0.00
87) Perylene-d12	24.71	264	696086	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	817370	138.74	ng	0.00
7) Phenol-d6	7.13	99	1084369	131.68	ng	0.00
23) Nitrobenzene-d5	9.12	82	686436	76.35	ng	0.00
42) 2,4,6-Tribromophenol	16.08	330	416581	123.25	ng	0.00
45) 2-Fluorobiphenyl	13.22	172	1483772	83.23	ng	0.00
79) Terphenyl-d14	19.95	244	2140052	82.75	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	3.43	88	113673	44.252	ng	100
3) Pyridine	3.82	79	281363	37.077	ng	97
4) n-Nitrosodimethylamine	3.74	42	147474	43.650	ng	98
6) Aniline	7.28	93	370866	34.287	ng	97
8) 2-Chlorophenol	7.53	128	352218	50.925	ng	99
9) Benzaldehyde	7.09	77	206398	39.160	ng	99
10) Phenol	7.15	94	437048	51.510	ng	99
11) bis(2-Chloroethyl)ether	7.38	93	322972	44.098	ng	99
12) 1,3-Dichlorobenzene	7.85	146	356260	44.018	ng	97
13) 1,4-Dichlorobenzene	7.99	146	357621	44.782	ng	98
14) 1,2-Dichlorobenzene	8.32	146	337271	44.001	ng	99
15) Benzyl Alcohol	8.19	79	300145	46.181	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.49	45	460834	40.670	ng	99
17) 2-Methylphenol	8.40	107	303265	49.391	ng	97
18) Hexachloroethane	9.04	117	133656	43.013	ng	96
19) n-Nitroso-di-n-propylamine	8.76	70	258196	42.101	ng	97
20) 3+4-Methylphenols	8.73	107	426979	49.848	ng	95
22) Acetophenone	8.77	105	481034	40.231	ng	99
24) Nitrobenzene	9.16	77	375079	42.123	ng	99
25) Isophorone	9.69	82	701298	41.578	ng	99
26) 2-Nitrophenol	9.87	139	192706	45.743	ng	97
27) 2,4-Dimethylphenol	9.94	122	338194	53.330	ng	99
28) bis(2-Chloroethoxy)methane	10.17	93	453702	40.347	ng	99
29) 2,4-Dichlorophenol	10.41	162	349223	46.167	ng	99
30) 1,2,4-Trichlorobenzene	10.63	180	346062	40.802	ng	97
31) Naphthalene	10.81	128	1023703	43.985	ng	100
32) Benzoic acid	10.07	122	137749	29.456	ng	95
33) 4-Chloroaniline	10.91	127	269759	24.301	ng	98
34) Hexachlorobutadiene	11.11	225	200441	38.707	ng	99
35) Caprolactam	11.68	113	130697m	46.413	ng	
36) 4-Chloro-3-methylphenol	12.04	107	372447	46.251	ng	97
37) 2-Methylnaphthalene	12.42	142	773271	44.131	ng	97
38) 1-Methylnaphthalene	12.63	142	731817	44.067	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.79	216	364919	38.547	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.78	237	482924	98.396	nq	99
43) 2,4,6-Trichlorophenol	13.02	196	278285	42.722	nq	99
44) 2,4,5-Trichlorophenol	13.10	196	301468	44.872	nq	100
46) 1,1'-Biphenyl	13.43	154	968037	41.802	nq	99
47) 2-Chloronaphthalene	13.47	162	763134	40.781	nq	98
48) 2-Nitroaniline	13.66	65	244626	40.639	nq	99
49) Acenaphthylene	14.32	152	1200582	44.638	nq	98
50) Dimethylphthalate	14.05	163	972168	42.391	nq	99
51) 2,6-Dinitrotoluene	14.16	165	225914	43.583	nq	99
52) Acenaphthene	14.66	154	850265	45.079	nq	98
53) 3-Nitroaniline	14.49	138	183622	31.195	nq	96
54) 2,4-Dinitrophenol	14.69	184	200376	76.161	nq	97
55) Dibenzofuran	14.99	168	1148527	44.233	nq	99
56) 4-Nitrophenol	14.80	139	437887	97.077	nq	98
57) 2,4-Dinitrotoluene	14.94	165	319622	45.316	nq	99
58) Fluorene	15.64	166	907222	44.082	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.22	232	265425	45.945	nq	97
60) Diethylphthalate	15.41	149	998819	43.544	nq	99
61) 4-Chlorophenyl-phenylether	15.63	204	471483	42.191	nq	99
62) 4-Nitroaniline	15.65	138	244760	42.107	nq	94
63) Azobenzene	15.93	77	935283	43.967	nq	100
65) 4,6-Dinitro-2-methylphenol	15.71	198	163899	45.338	nq	98
66) n-Nitrosodiphenylamine	15.85	169	863998	41.568	nq	99
67) 4-Bromophenyl-phenylether	16.52	248	311828	39.282	nq	99
68) Hexachlorobenzene	16.65	284	331362	38.739	nq	97
69) Atrazine	16.79	200	335922	49.720	nq	99
70) Pentachlorophenol	16.99	266	374908	79.510	nq	100
71) Phenanthrene	17.38	178	1459689	43.117	nq	99
72) Anthracene	17.47	178	1510271	45.140	nq	99
73) Carbazole	17.73	167	1370742	44.353	nq	99
74) Di-n-butylphthalate	18.30	149	1677972	42.525	nq	99
75) Fluoranthene	19.39	202	1694985	43.779	nq	100
77) Benzidine	19.56	184	855058	54.943	nq	99
78) Pyrene	19.74	202	1703077	42.141	nq	99
80) Butylbenzylphthalate	20.64	149	805566	41.868	nq	98
81) Benzo(a)anthracene	21.57	228	1656380	43.145	nq	99
82) 3,3'-Dichlorobenzidine	21.48	252	508342	33.515	nq	99
83) Chrysene	21.63	228	1559884	42.761	nq	99
84) Bis(2-ethylhexyl)phthalate	21.50	149	1120301	42.198	nq	100
85) Di-n-octyl phthalate	22.68	149	1941461	43.499	nq	99
86) Indeno(1,2,3-cd)pyrene	28.25	276	2023759	40.822	nq	# 88
88) Benzo(b)fluoranthene	23.72	252	1762207	42.823	nq	99
89) Benzo(k)fluoranthene	23.79	252	1698697	43.410	nq	99
90) Benzo(a)pyrene	24.56	252	1643140	42.306	nq	99
91) Dibenzo(a,h)anthracene	28.32	278	1673528	42.904	nq	99
92) Benzo(g,h,i)perylene	29.36	276	1666452	43.010	nq	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.96 min Scan# 829

Delta R.T. -0.01 min

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Acq: 6 Jan 2020 22:49

Instrument :

BNA_G

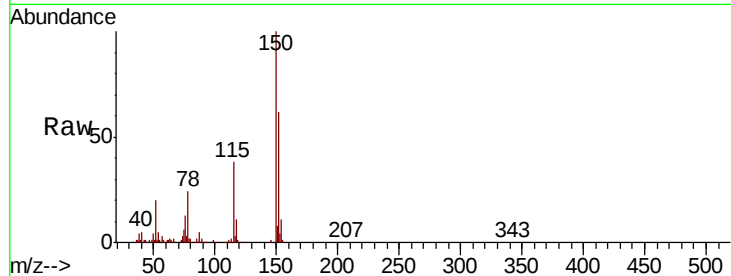
ClientSampled :

IDOC-W-02-CG

Tot Ion:	152	Resp:	108173
Ion Ratio	Lower	Upper	
152	100		
150	160.4	127.0	190.4
115	60.5	47.8	71.8

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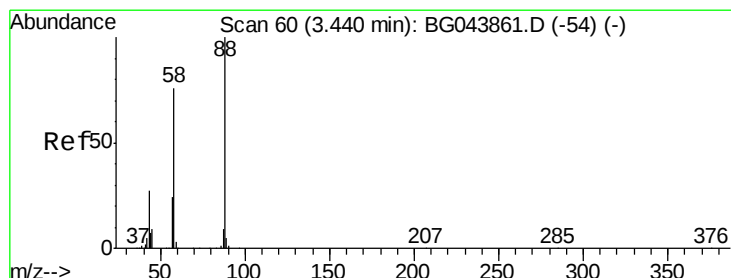
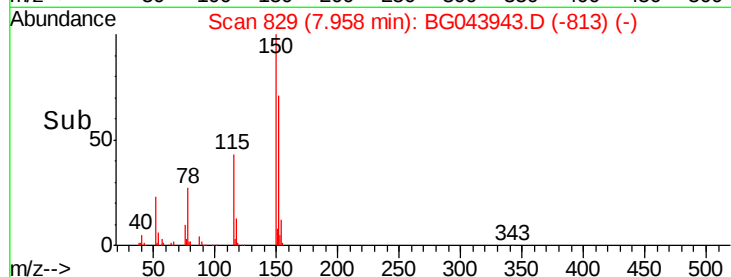
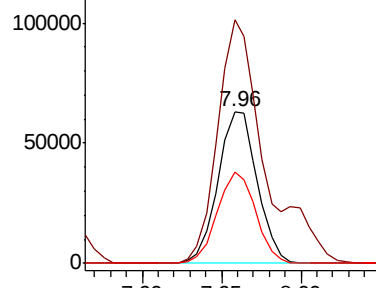


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 44.252 ng

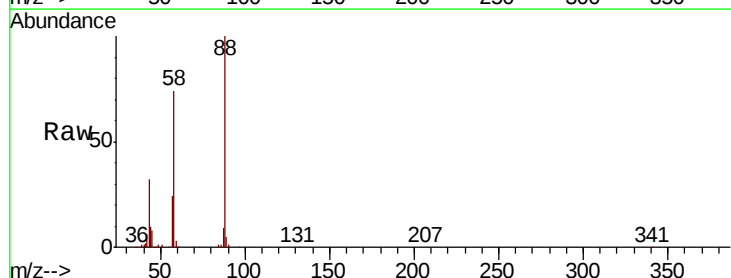
RT: 3.43 min Scan# 58

Delta R.T. -0.01 min

Lab File: BG043943.D

Acq: 6 Jan 2020 22:49

Tgt Ion:	88	Resp:	113673
Ion Ratio	Lower	Upper	
88	100		
58	74.4	59.8	89.8
43	28.4	22.9	34.3

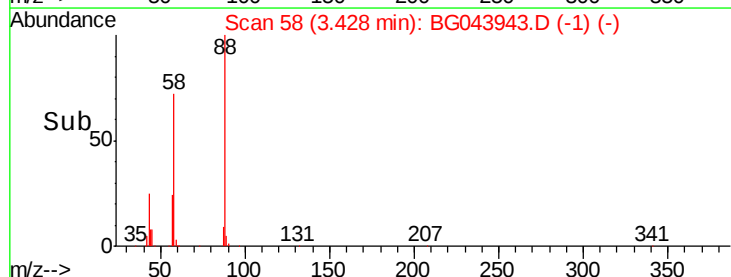
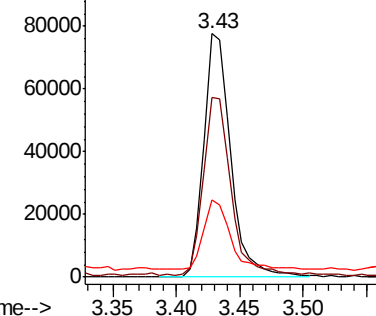


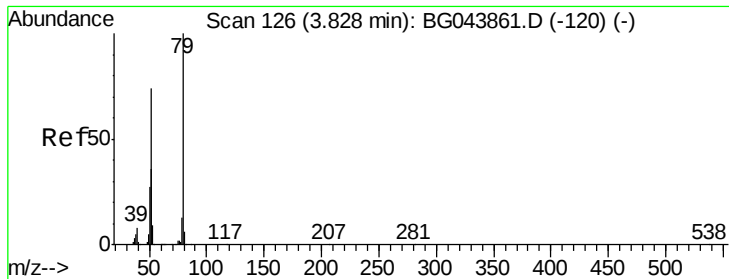
Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 37.077 ng

RT: 3.82 min Scan# 125

Delta R.T. -0.01 min

Lab File: BG043943.D

Acq: 6 Jan 2020 22:49

Instrument :

BNA_G

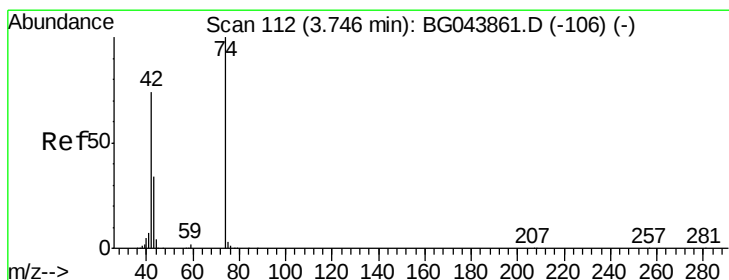
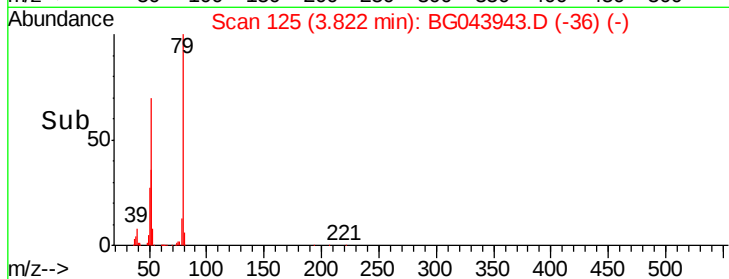
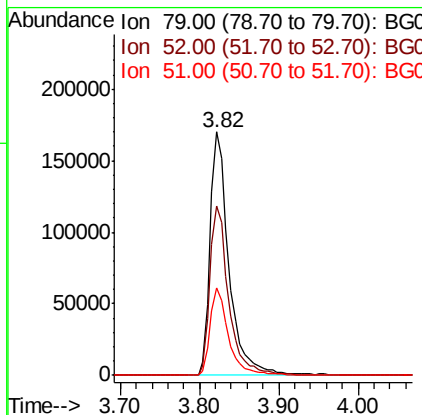
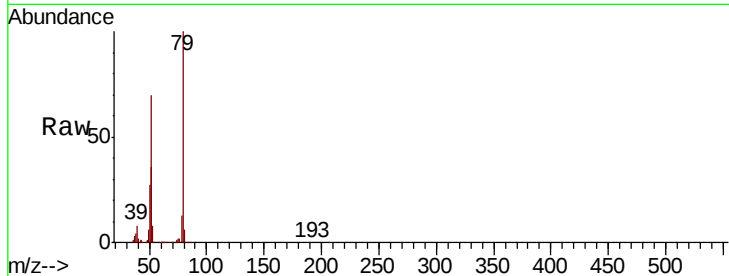
ClientSampleId :

IDOC-W-02-CG

Tot Ion:	79	Resp:	281363
Ion Ratio	Lower	Upper	
79	100		
52	69.7	58.9	88.3
51	35.7	28.6	43.0

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#4

n-Nitrosodimethylamine

Concen: 43.650 ng

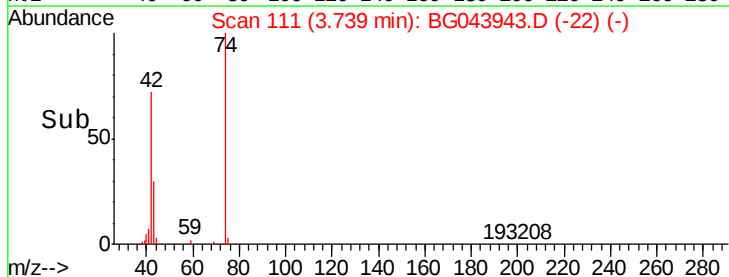
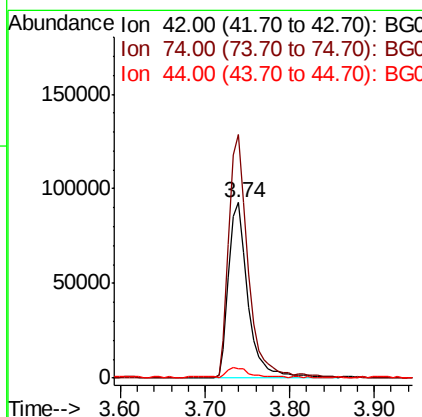
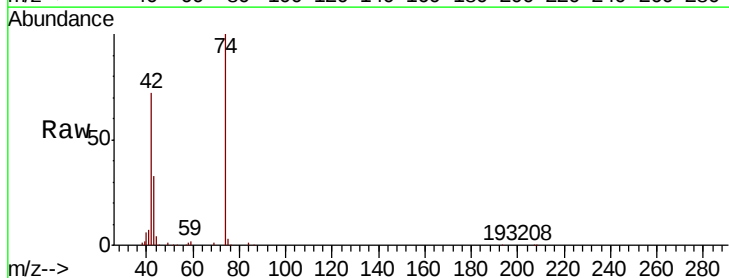
RT: 3.74 min Scan# 111

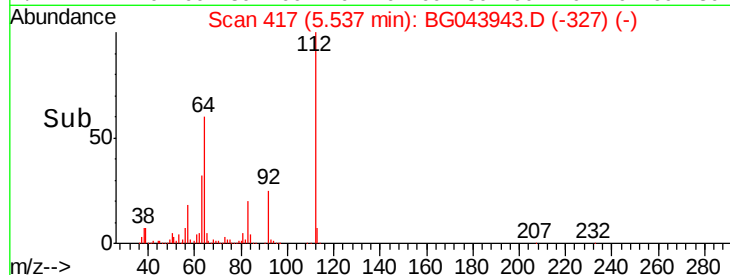
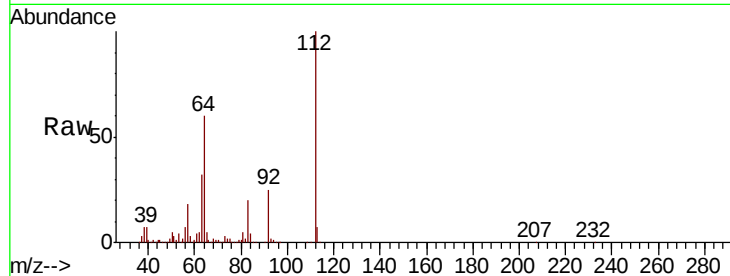
Delta R.T. -0.01 min

Lab File: BG043943.D

Acq: 6 Jan 2020 22:49

Tgt Ion:	42	Resp:	147474
Ion Ratio	Lower	Upper	
42	100		
74	138.6	108.6	162.8
44	5.2	5.0	7.6





#5

2-Fluorophenol

Concen: 138.740 ng

RT: 5.54 min Scan# 417

Delta R.T. -0.00 min

Lab File: BG043943.D

Acq: 6 Jan 2020 22:49

Tot Ion:	112	Resp:	817370
Ion Ratio	Lower	Upper	
112	100		
64	60.2	47.8	71.6
63	31.6	24.3	36.5

Instrument :

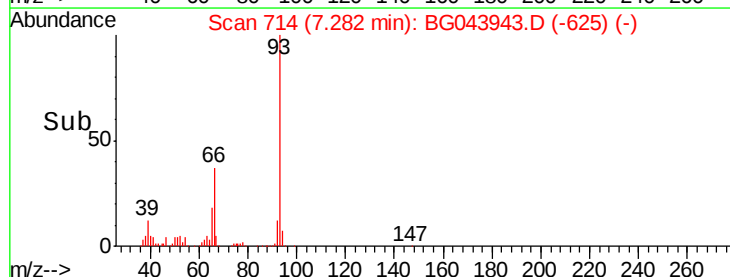
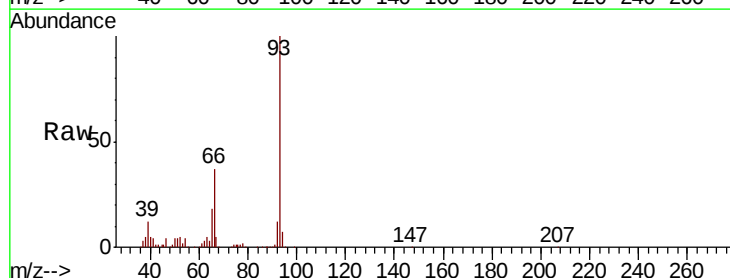
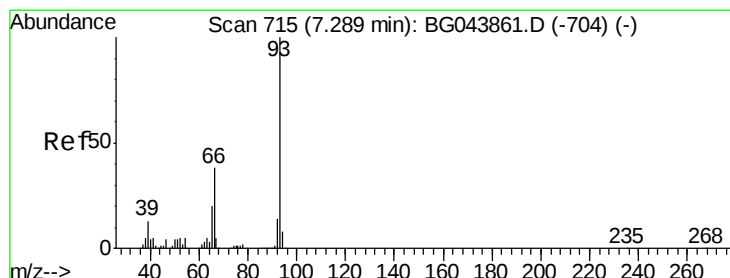
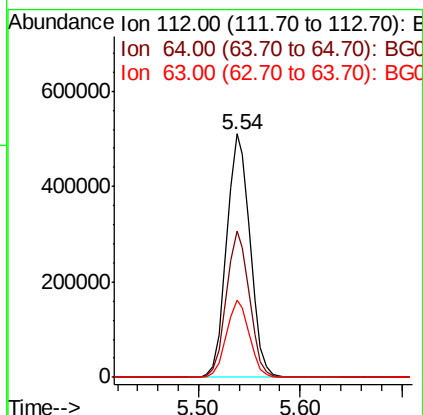
BNA_G

ClientSampleId :

IDOC-W-02-CG

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#6

Aniline

Concen: 34.287 ng

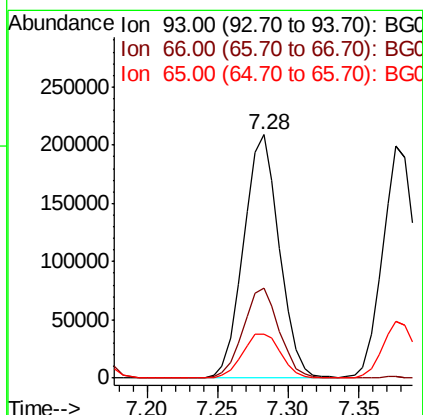
RT: 7.28 min Scan# 714

Delta R.T. -0.01 min

Lab File: BG043943.D

Acq: 6 Jan 2020 22:49

Tgt Ion:	93	Resp:	370866
Ion Ratio	Lower	Upper	
93	100		
66	37.1	30.8	46.2
65	18.3	16.0	24.0





#7

Phenol-d6

Concen: 131.677 ng

RT: 7.13 min Scan# 688

Delta R.T. 0.01 min

Lab File: BG043943.D

Acq: 6 Jan 2020 22:49

Instrument :

BNA_G

ClientSampleId :

IDOC-W-02-CG

Tot Ion: 99 Resp: 1084369

Ion Ratio Lower Upper

99 100

42 19.2 14.9 22.3

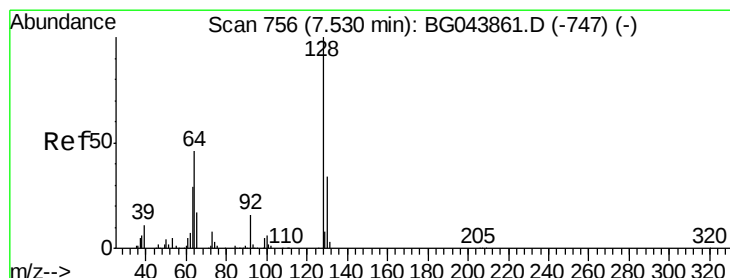
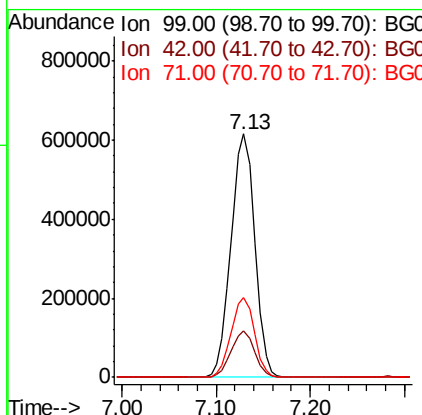
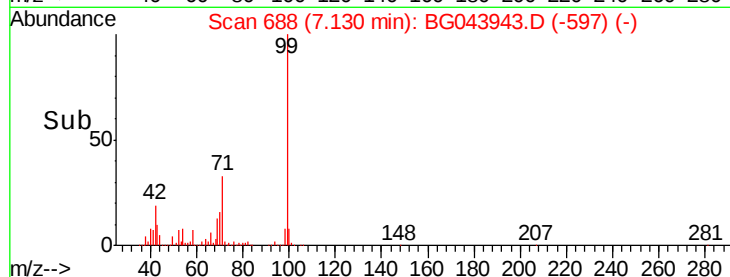
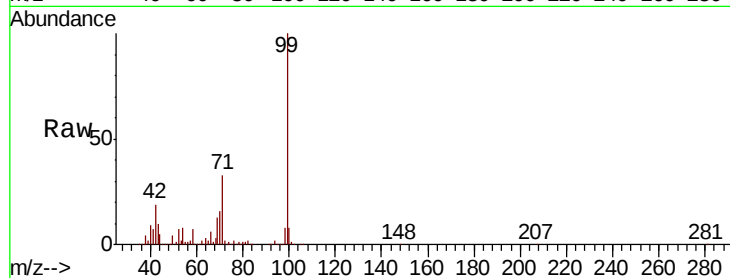
71 32.8 26.4 39.6

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#8

2-Chlorophenol

Concen: 50.925 ng

RT: 7.53 min Scan# 756

Delta R.T. -0.00 min

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Acq: 6 Jan 2020 22:49

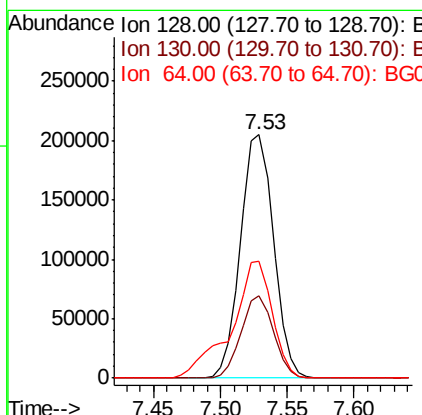
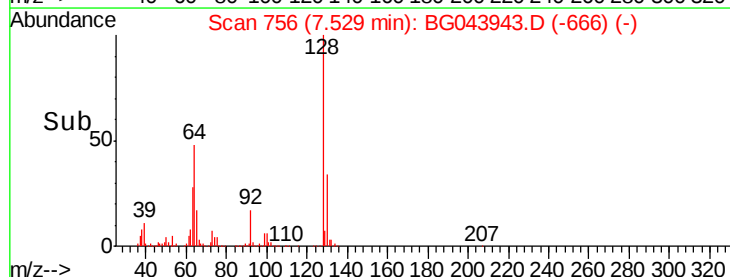
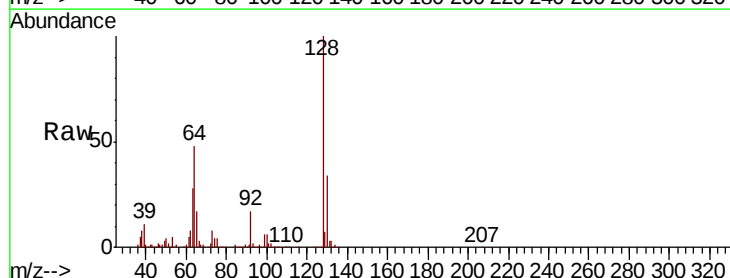
Tgt Ion: 128 Resp: 352218

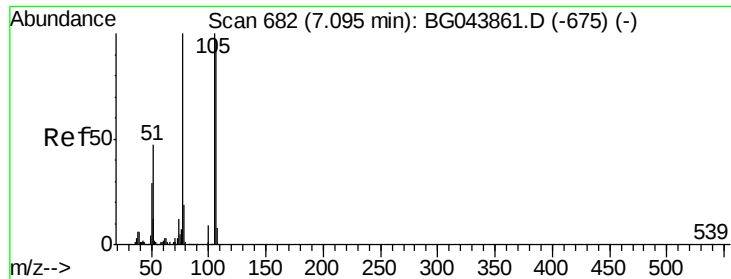
Ion Ratio Lower Upper

128 100

130 34.0 13.8 53.8

64 48.2 27.6 67.6





#9

Benzaldehyde

Concen: 39.160 ng

RT: 7.09 min Scan# 681

Delta R.T. -0.01 min

Lab File: BG043943.D

Acq: 6 Jan 2020 22:49

Instrument :

BNA_G

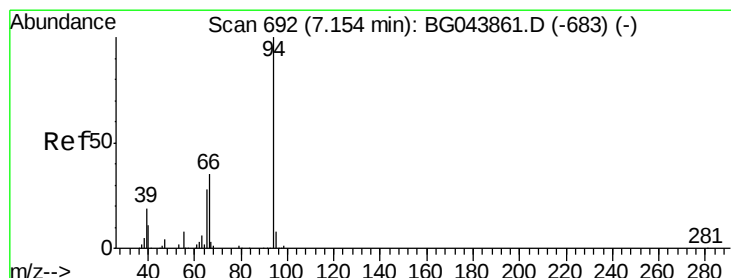
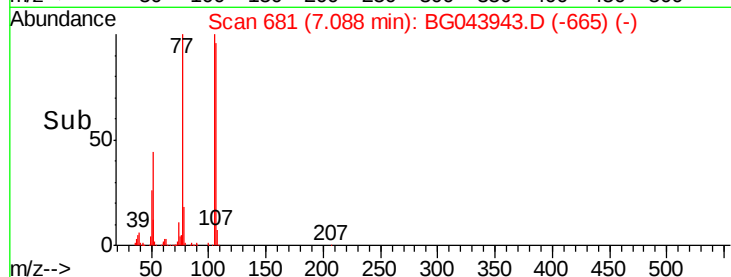
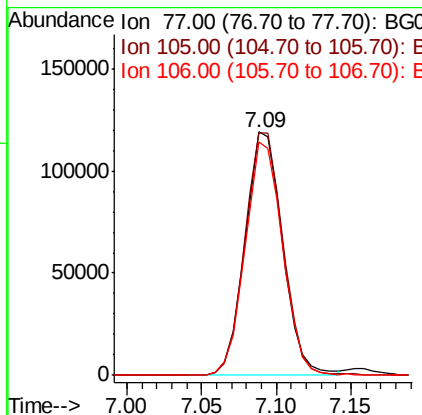
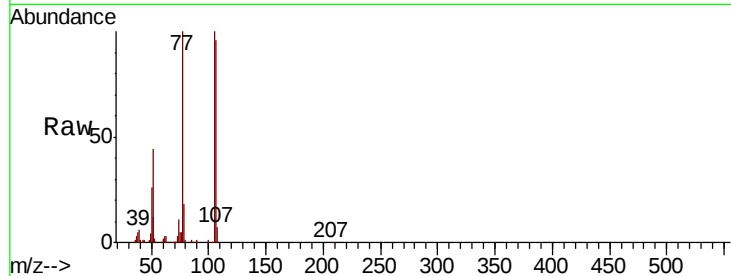
ClientSampleId :

IDOC-W-02-CG

Tot Ion:	77	Resp:	206398
Ion	Ratio	Lower	Upper
77	100		
105	99.6	80.2	120.2
106	96.1	77.2	117.2

Manual Integrations
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#10

Phenol

Concen: 51.510 ng

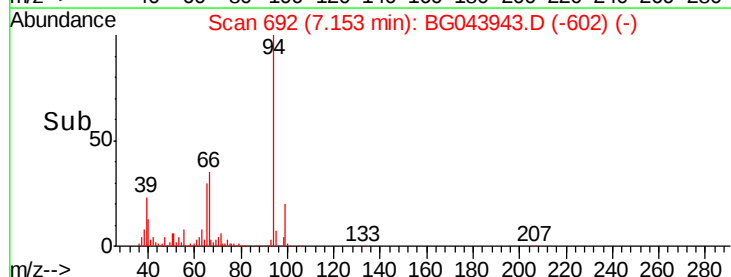
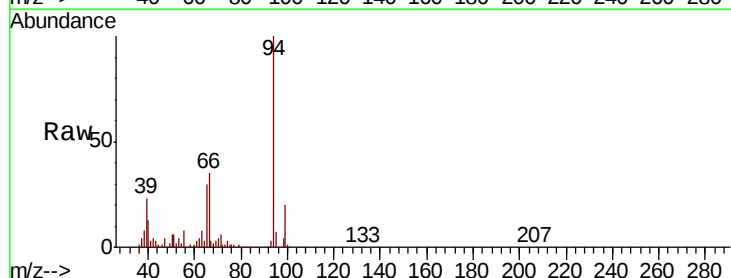
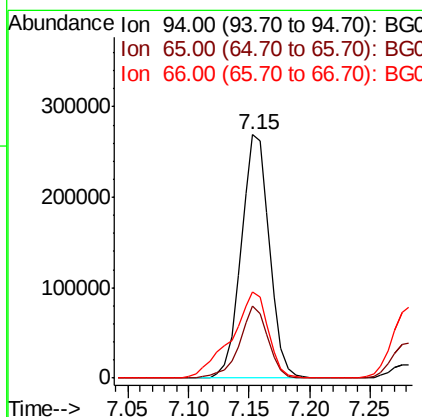
RT: 7.15 min Scan# 692

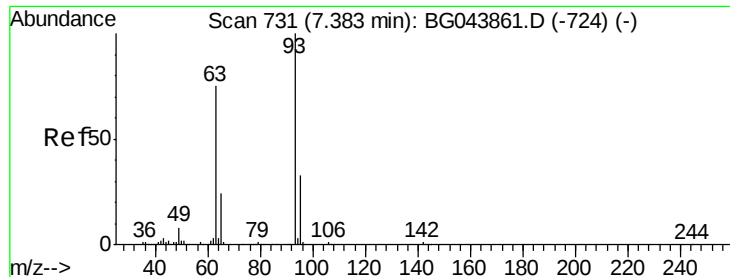
Delta R.T. -0.00 min

Lab File: BG043943.D

Acq: 6 Jan 2020 22:49

Tgt Ion:	94	Resp:	437048
Ion	Ratio	Lower	Upper
94	100		
65	29.5	8.1	48.1
66	35.4	15.6	55.6





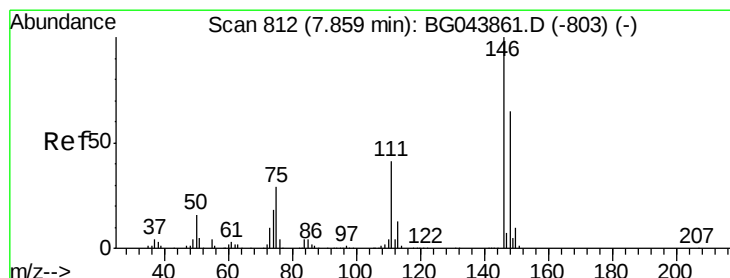
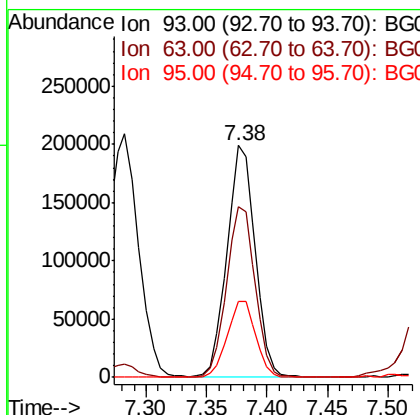
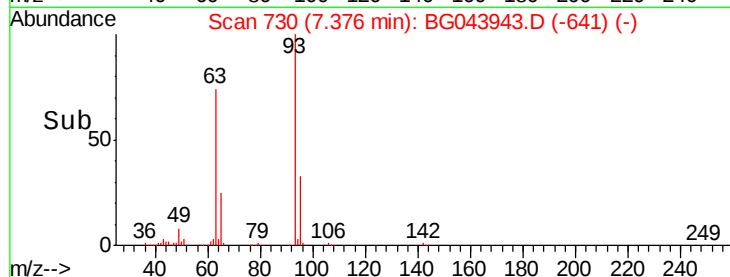
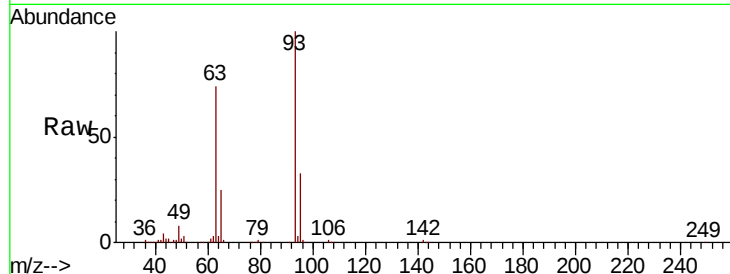
#11
bis(2-Chloroethyl)ether
Concen: 44.098 ng
RT: 7.38 min Scan# 730
Delta R.T. -0.01 min
Lab File: BG043943.D
Acq: 6 Jan 2020 22:49

Instrument :
BNA_G
ClientSampleId :
IDOC-W-02-CG

Tot Ion	Ratio	Lower	Upper
93	100		
63	73.7	55.0	95.0
95	32.8	13.3	53.3

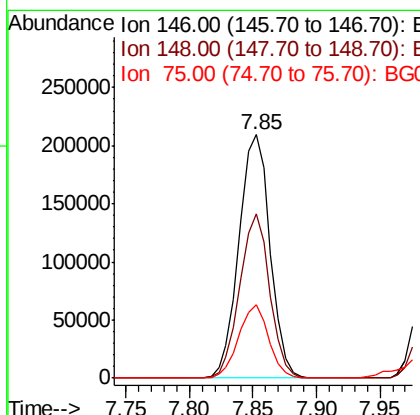
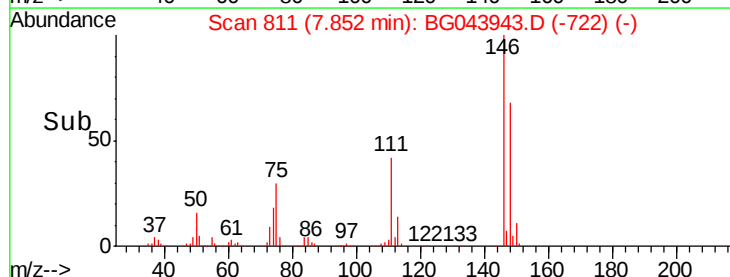
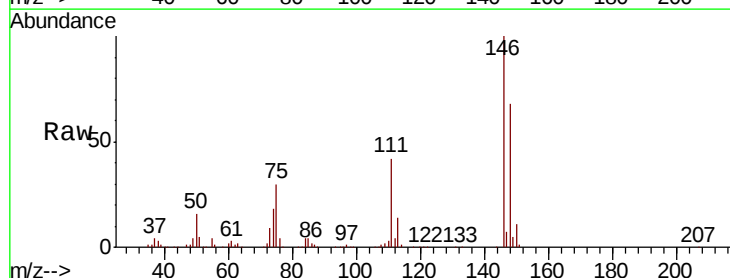
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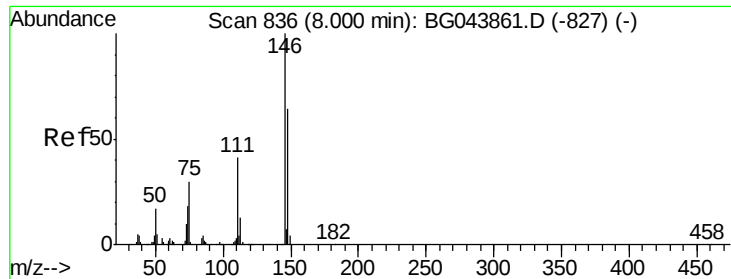
mohammad
1/7/2020 12:30:57 PM



#12
1,3-Dichlorobenzene
Concen: 44.018 ng
RT: 7.85 min Scan# 811
Delta R.T. -0.01 min
Lab File: BG043943.D
Acq: 6 Jan 2020 22:49

Tgt Ion	Ratio	Lower	Upper
146	100		
148	67.5	52.1	78.1
75	30.3	23.0	34.4





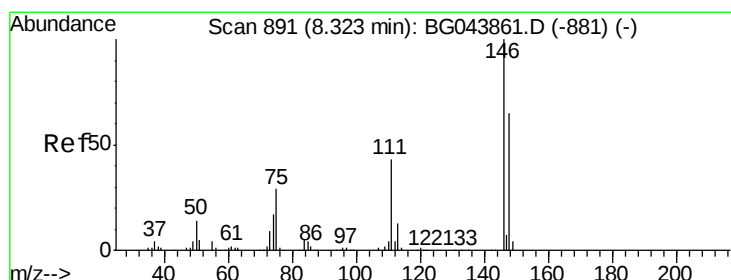
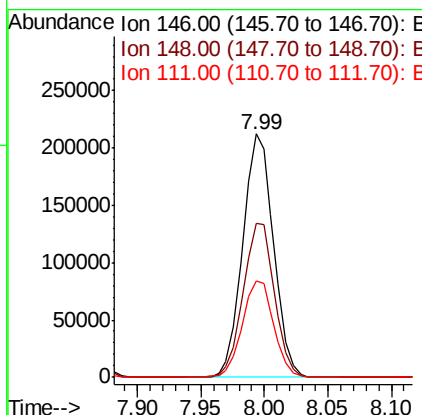
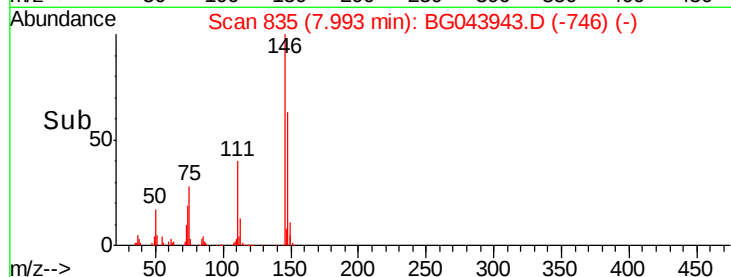
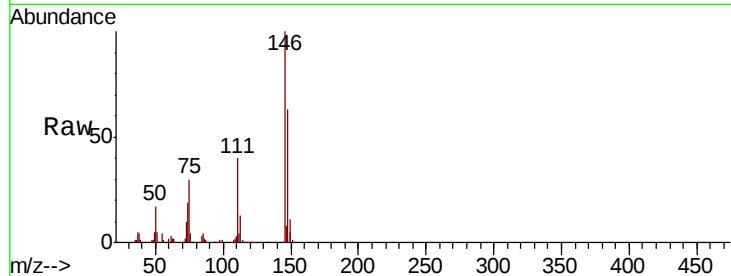
#13
 1,4-Dichlorobenzene
 Concen: 44.782 ng
 RT: 7.99 min Scan# 835
 Delta R.T. -0.01 min
 Lab File: BG043943.D
 Acq: 6 Jan 2020 22:49

Instrument :
 BNA_G
 ClientSampleId :
 IDOC-W-02-CG

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.1	51.2	76.8
111	39.8	33.1	49.7

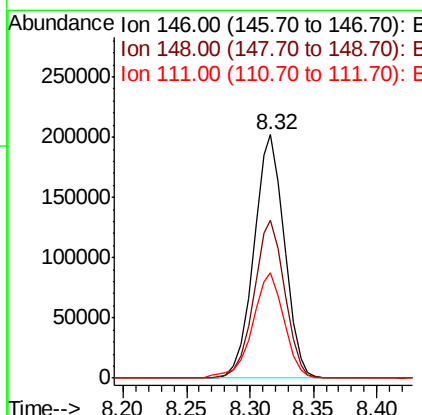
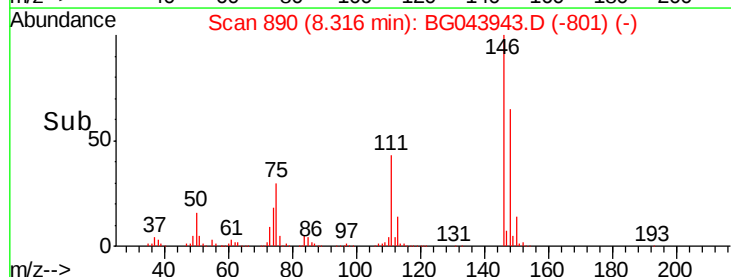
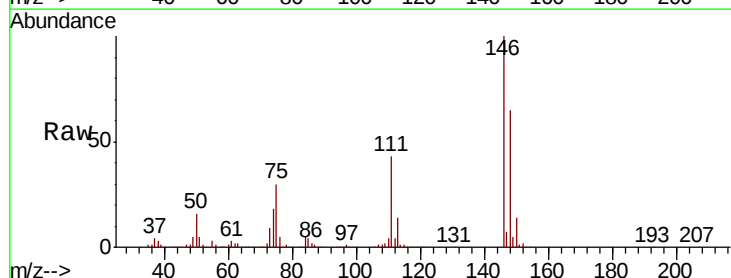
Manual Integrations
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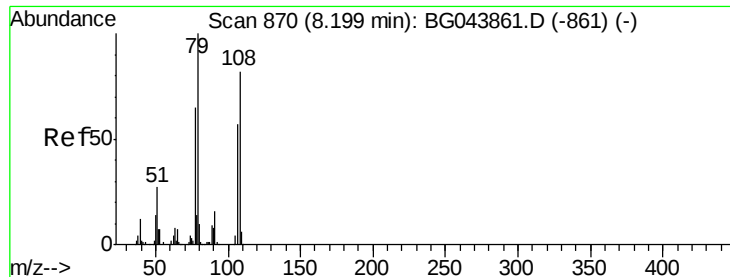
mohammad
 1/7/2020 12:30:57 PM



#14
 1,2-Dichlorobenzene
 Concen: 44.001 ng
 RT: 8.32 min Scan# 890
 Delta R.T. -0.01 min
 Lab File: BG043943.D
 Acq: 6 Jan 2020 22:49

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.1	51.7	77.5
111	43.2	34.4	51.6





#15

Benzyl Alcohol

Concen: 46.181 ng

RT: 8.19 min Scan# 869

Delta R.T. -0.01 min

Lab File: BG043943.D

Acq: 6 Jan 2020 22:49

Instrument :

BNA_G

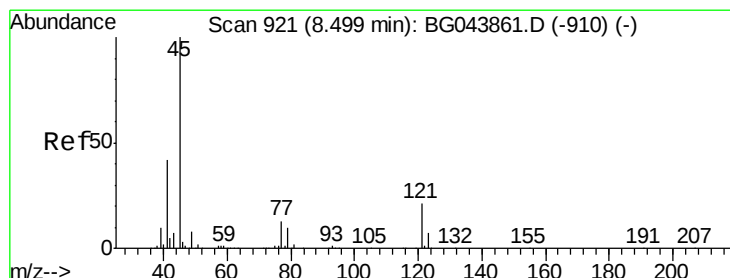
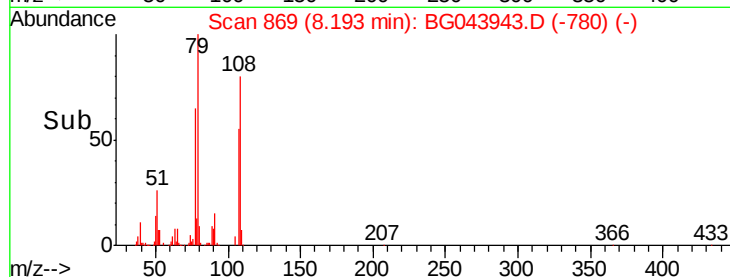
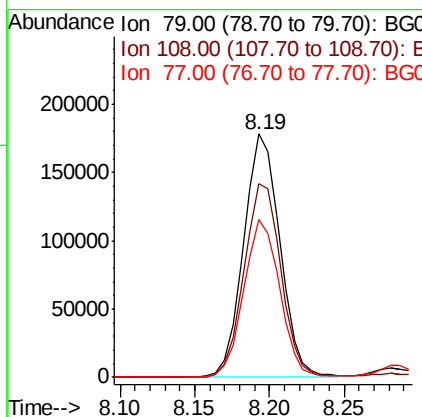
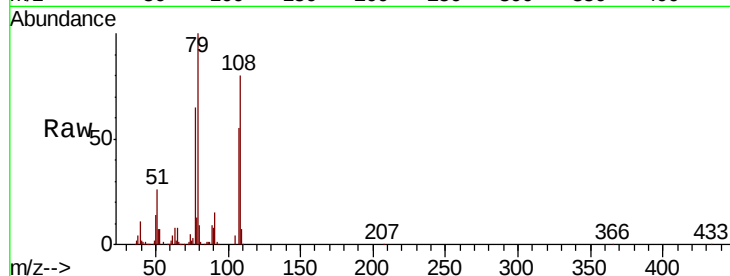
ClientSampleId :

IDOC-W-02-CG

Tot Ion:	79	Resp:	300145
Ion Ratio	Lower	Upper	
79	100		
108	79.8	65.6	98.4
77	65.0	52.0	78.0

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#16

2,2'-oxybis(1-chloropropane)

Concen: 40.670 ng

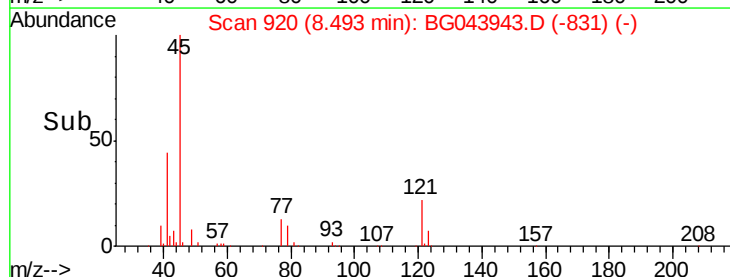
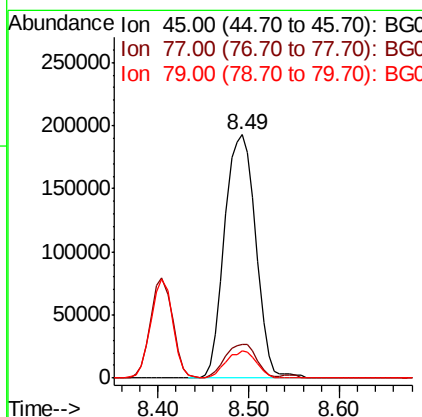
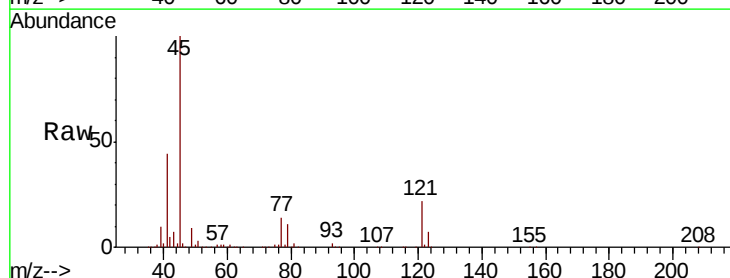
RT: 8.49 min Scan# 920

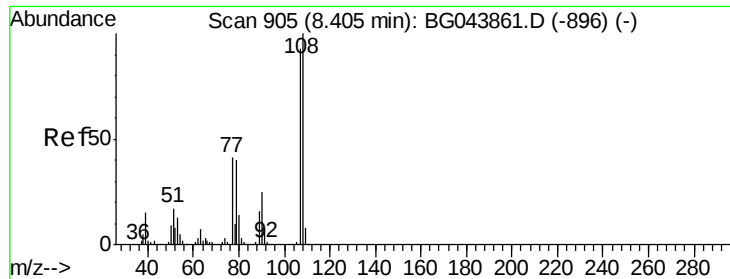
Delta R.T. -0.01 min

Lab File: BG043943.D

Acq: 6 Jan 2020 22:49

Tgt Ion:	45	Resp:	460834
Ion Ratio	Lower	Upper	
45	100		
77	13.6	0.0	33.8
79	11.2	0.0	31.0





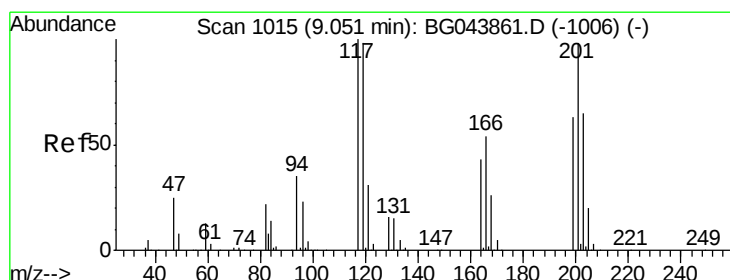
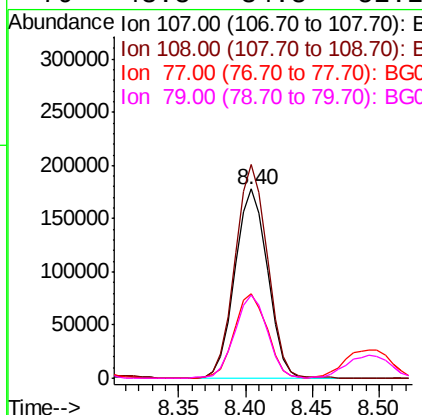
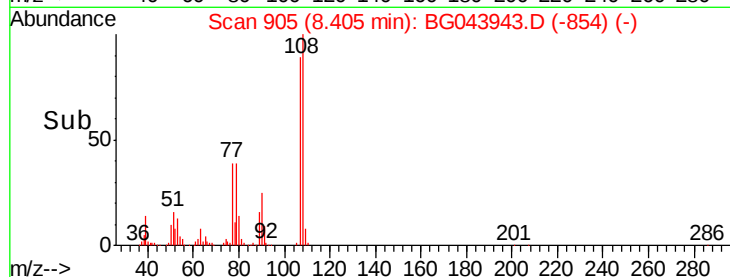
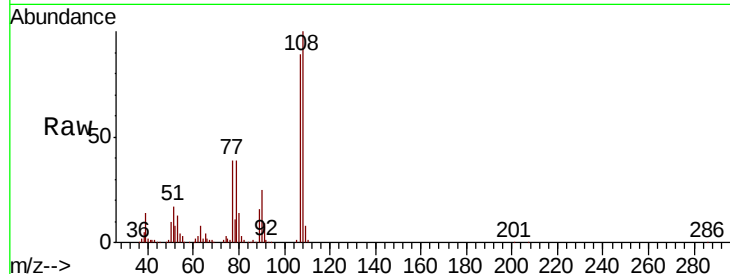
#17
2-Methylphenol
Concen: 49.391 ng
RT: 8.40 min Scan# 905
Delta R.T. -0.00 min
Lab File: BG043943.D
Acq: 6 Jan 2020 22:49

Instrument :
BNA_G
ClientSampleId :
IDOC-W-02-CG

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	112.8	86.1	129.1	
77	44.4	35.4	53.0	
79	43.8	34.8	52.2	

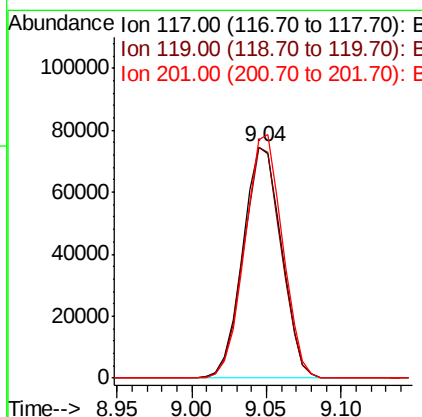
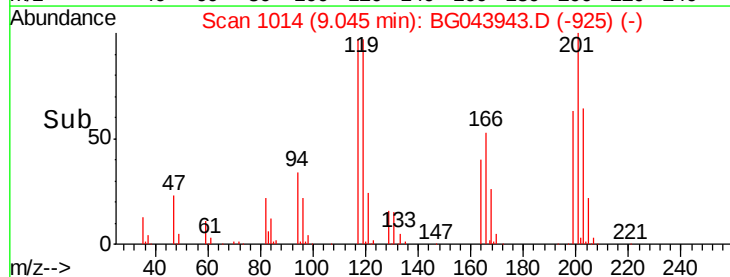
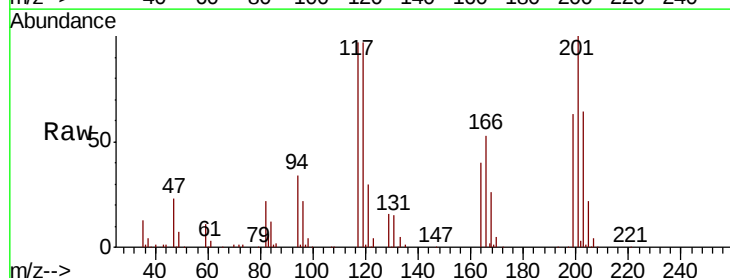
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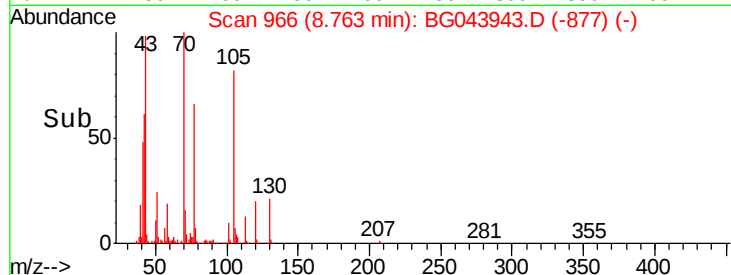
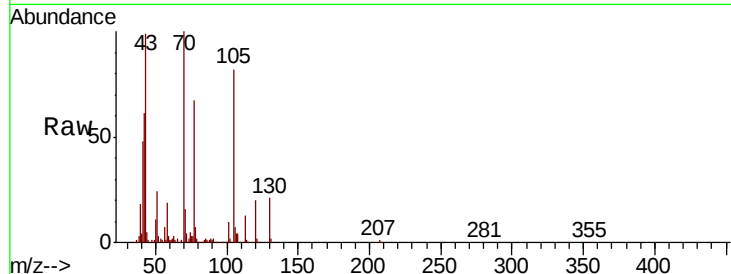
mohammad
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#18
Hexachloroethane
Concen: 43.013 ng
RT: 9.04 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BG043943.D
Acq: 6 Jan 2020 22:49

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	100.1	78.1	117.1	
201	103.0	78.6	117.8	





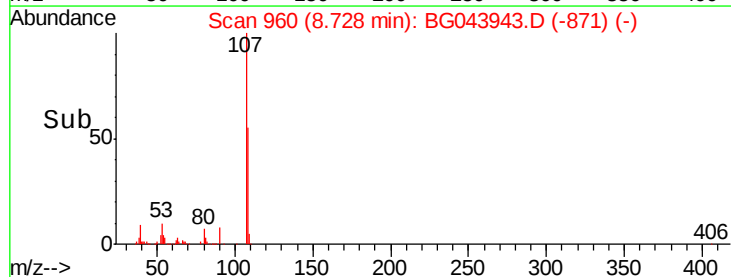
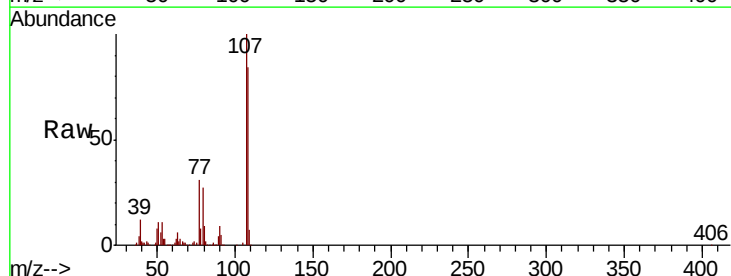
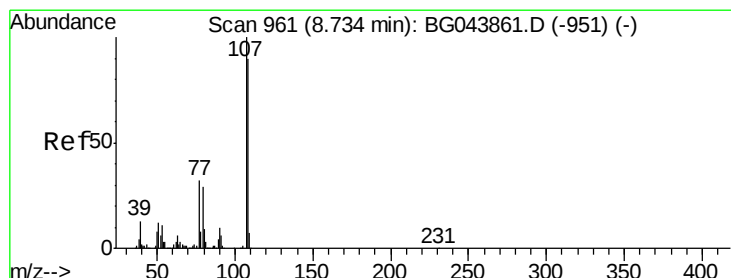
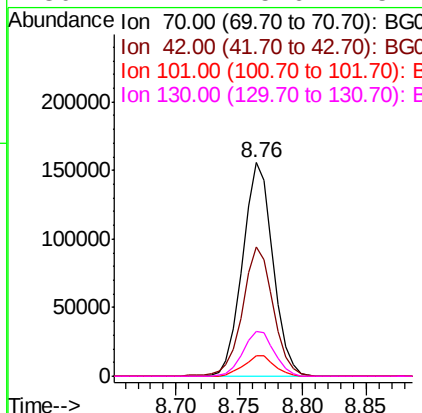
#19
n-Nitroso-di-n-propylamine
Concen: 42.101 ng
RT: 8.76 min Scan# 966
Delta R.T. -0.01 min
Lab File: BG043943.D
Acq: 6 Jan 2020 22:49

Instrument :
BNA_G
ClientSampleId :
IDOC-W-02-CG

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	60.8	47.0	70.4	
101	9.6	7.2	10.8	
130	21.2	15.6	23.4	

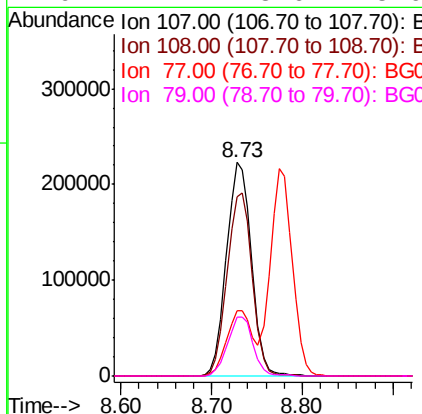
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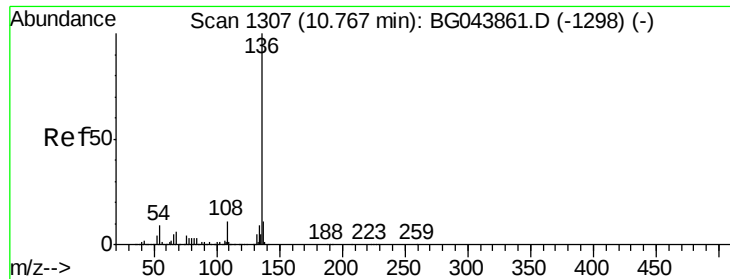
mohammad
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#20
3+4-Methylphenols
Concen: 49.848 ng
RT: 8.73 min Scan# 960
Delta R.T. -0.01 min
Lab File: BG043943.D
Acq: 6 Jan 2020 22:49

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	83.7	70.3	110.3	
77	30.5	12.4	52.4	
79	27.4	8.6	48.6	





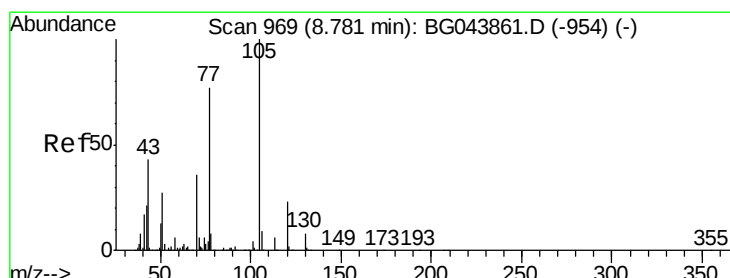
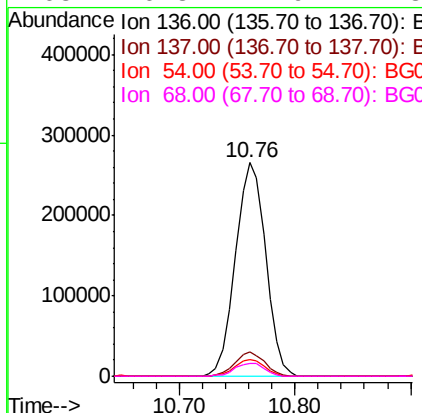
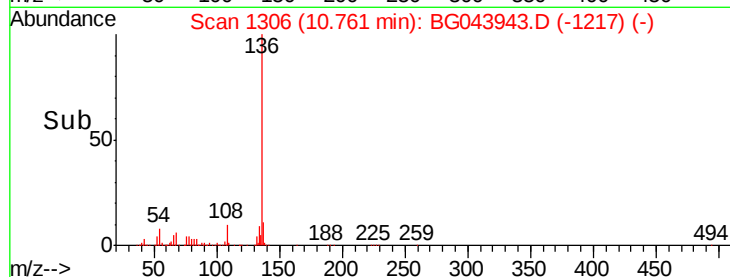
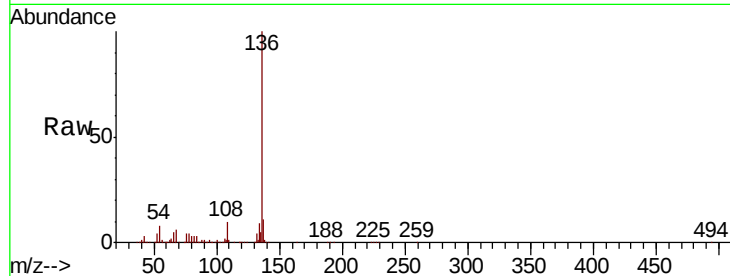
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.76 min Scan# 1306
Delta R.T. -0.01 min
Lab File: BG043943.D
Acq: 6 Jan 2020 22:49

Instrument :
BNA_G
ClientSampleId :
IDOC-W-02-CG

Tot Ion	Ratio	Resp	Lower	Upper
136	100	480952		
137	11.4		8.8	13.2
54	7.7		7.0	10.4
68	6.3		4.9	7.3

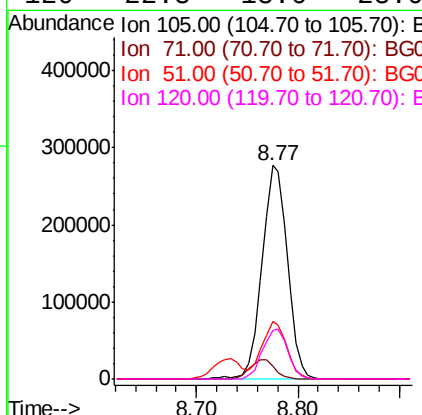
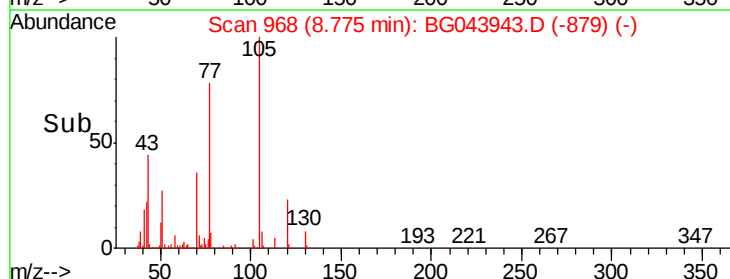
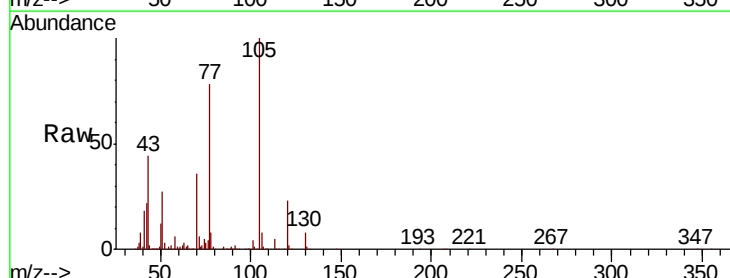
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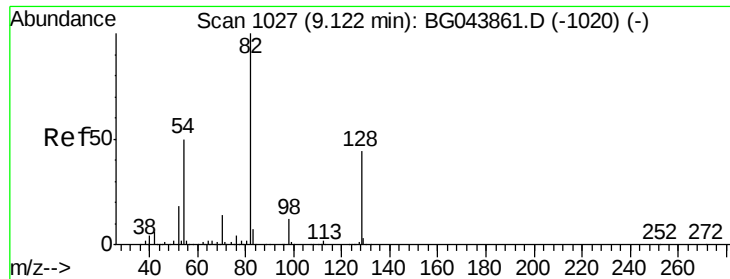
mohammad
1/7/2020 12:30:57 PM



#22
Acetophenone
Concen: 40.231 ng
RT: 8.77 min Scan# 968
Delta R.T. -0.01 min
Lab File: BG043943.D
Acq: 6 Jan 2020 22:49

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	481034		
71	6.0		4.8	7.2
51	27.2		21.4	32.0
120	22.8		18.6	28.0





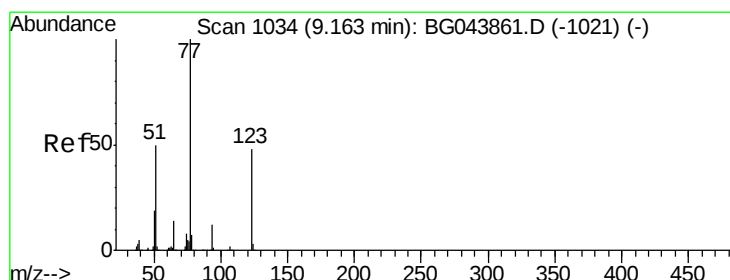
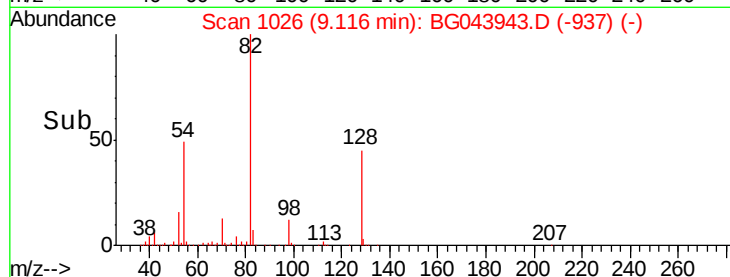
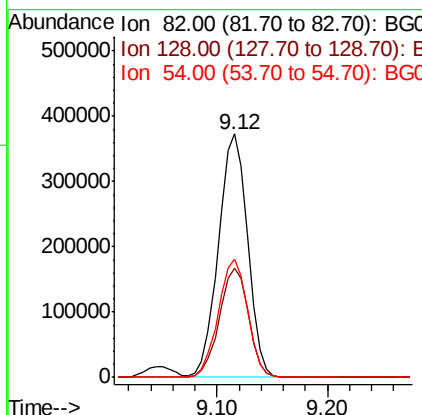
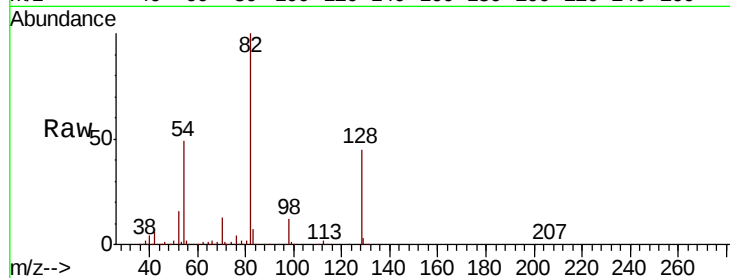
#23
 Nitrobenzene-d5
 Concen: 76.352 ng
 RT: 9.12 min Scan# 1026
 Delta R.T. -0.01 min
 Lab File: BG043943.D
 Acq: 6 Jan 2020 22:49

Instrument :
 BNA_G
 ClientSampleId :
 IDOC-W-02-CG

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.7	35.1	52.7
54	48.8	40.1	60.1

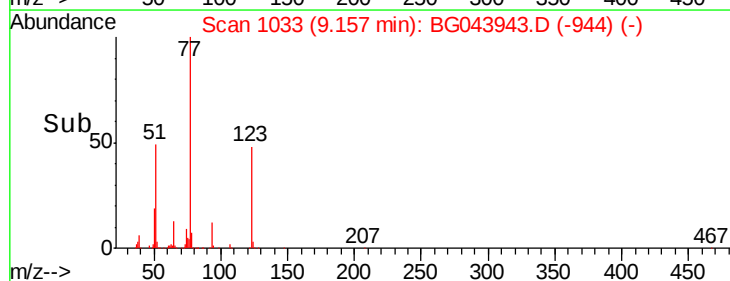
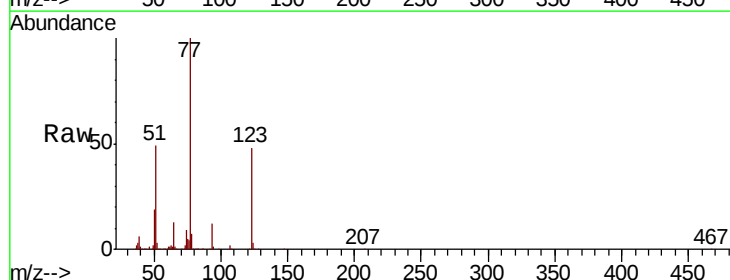
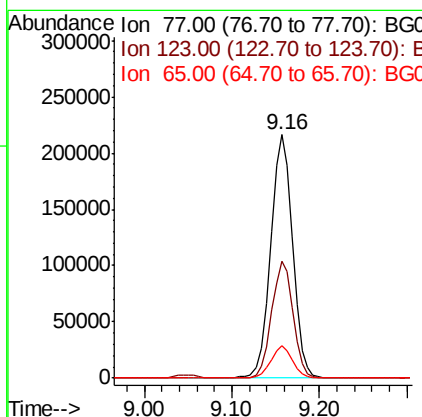
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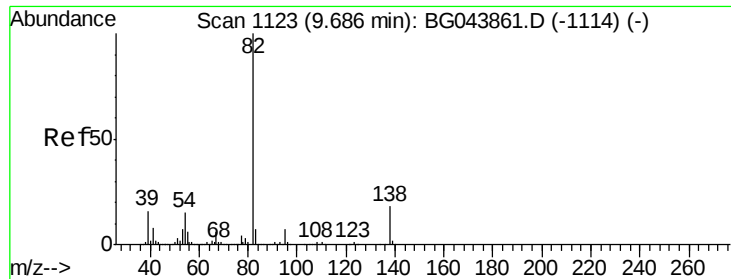
mohammad
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#24
 Nitrobenzene
 Concen: 42.123 ng
 RT: 9.16 min Scan# 1033
 Delta R.T. -0.01 min
 Lab File: BG043943.D
 Acq: 6 Jan 2020 22:49

Tgt Ion	Ratio	Lower	Upper
77	100		
123	48.0	38.7	58.1
65	13.4	11.1	16.7





#25

Isophorone

Concen: 41.578 ng

RT: 9.69 min Scan# 1123

Delta R.T. -0.00 min

Lab File: BG043943.D

Acq: 6 Jan 2020 22:49

Instrument :

BNA_G

ClientSampleId :

IDOC-W-02-CG

Tot Ion: 82 Resp: 701298

Ion Ratio Lower Upper

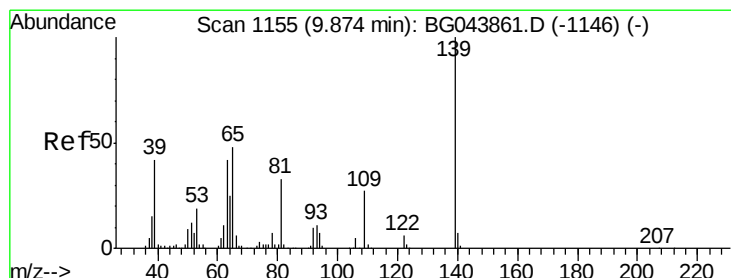
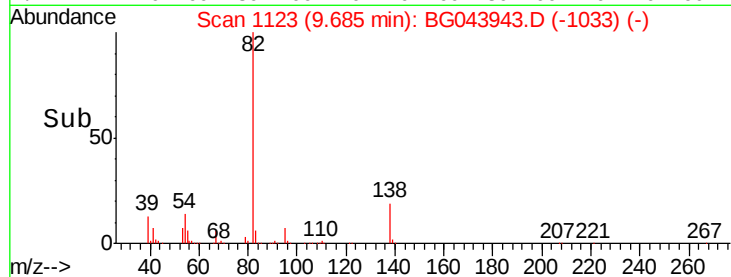
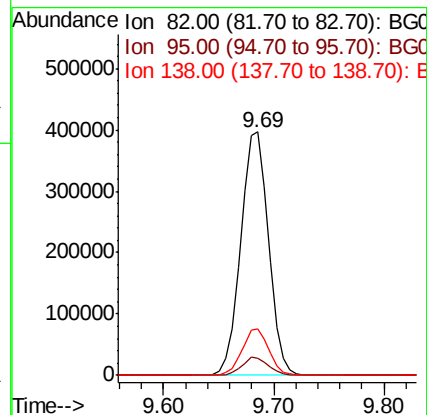
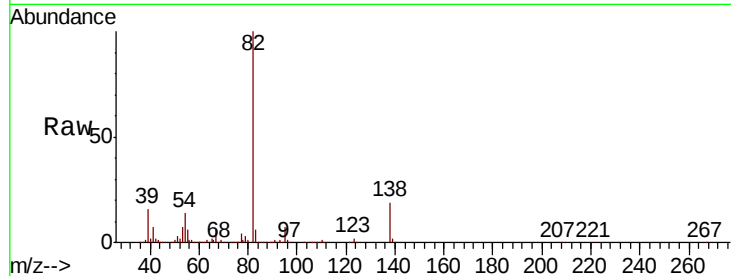
82 100

95 7.1 5.8 8.6

138 19.1 14.6 22.0

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#26

2-Nitrophenol

Concen: 45.743 ng

RT: 9.87 min Scan# 1154

Delta R.T. -0.01 min

Lab File: BG043943.D

Acq: 6 Jan 2020 22:49

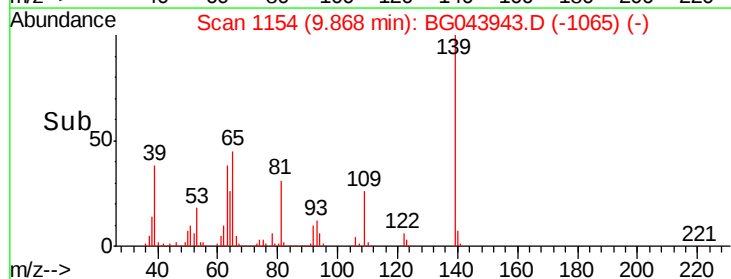
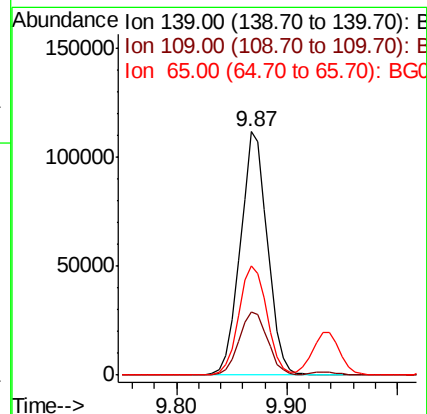
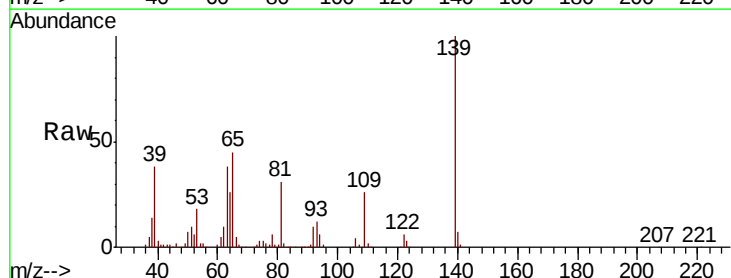
Tgt Ion: 139 Resp: 192706

Ion Ratio Lower Upper

139 100

109 26.2 21.3 31.9

65 45.0 38.6 57.8





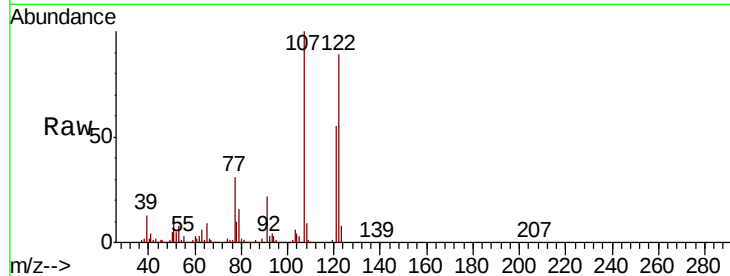
#27
2,4-Dimethylphenol
Concen: 53.330 ng
RT: 9.94 min Scan# 1166
Delta R.T. -0.00 min
Lab File: BG043943.D
Acq: 6 Jan 2020 22:49

Instrument :
BNA_G
ClientSampleId :
IDOC-W-02-CG

Tot Ion	Ratio	Resp	Lower	Upper
122	100	338194		
107	112.2	88.0	132.0	
121	61.4	49.0	73.4	

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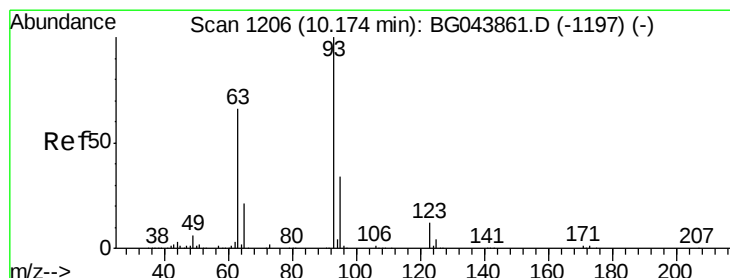
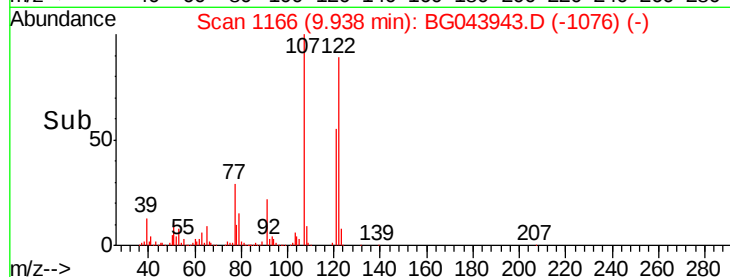
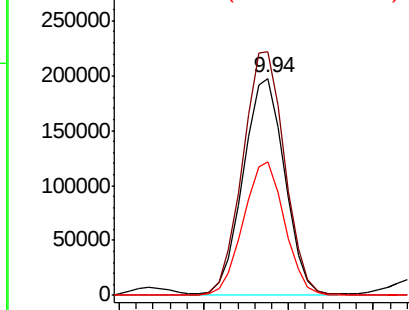


Abundance

Ion 122.00 (121.70 to 122.70): E

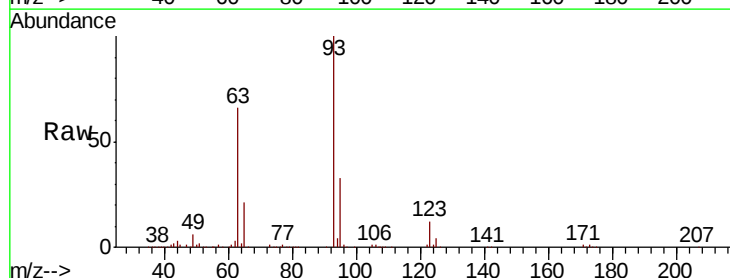
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
bis(2-Chloroethoxy)methane
Concen: 40.347 ng
RT: 10.17 min Scan# 1205
Delta R.T. -0.01 min
Lab File: BG043943.D
Acq: 6 Jan 2020 22:49

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	453702		
95	33.0	27.2	40.8	
123	12.3	9.7	14.5	

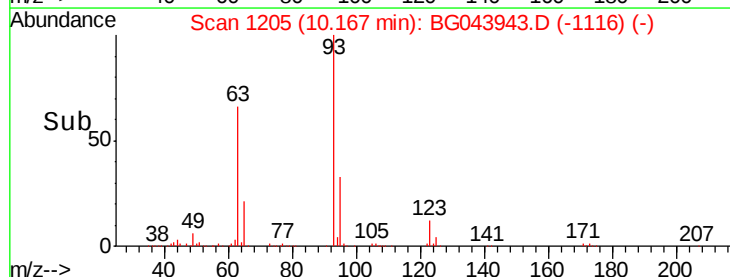
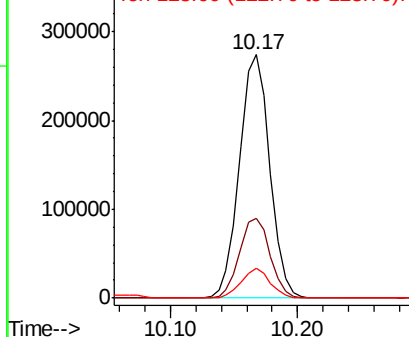


Abundance

Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E





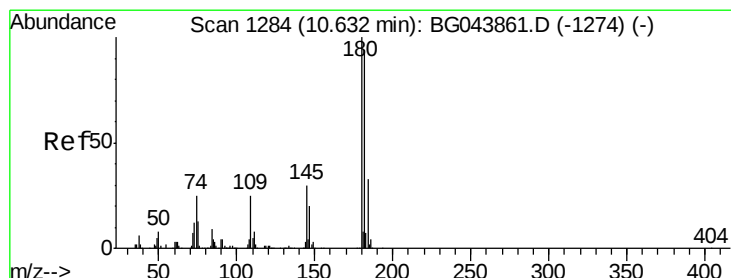
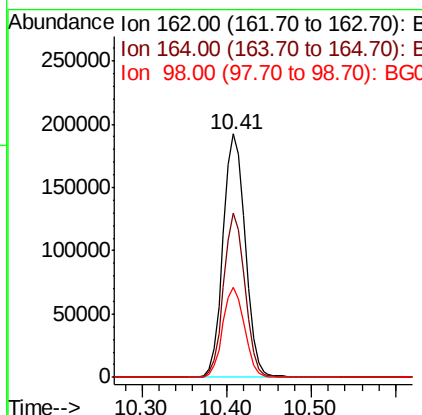
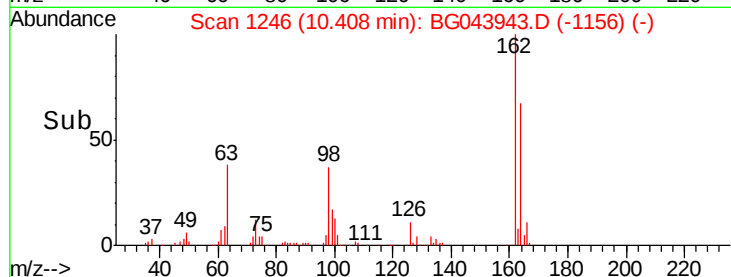
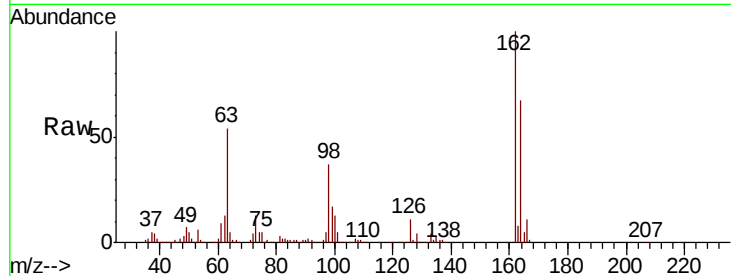
#29
 2,4-Dichlorophenol
 Concen: 46.167 ng
 RT: 10.41 min Scan# 1246
 Delta R.T. -0.00 min
 Lab File: BG043943.D
 Acq: 6 Jan 2020 22:49

Instrument :
 BNA_G
 ClientSampleId :
 IDOC-W-02-CG

Tot Ion	Ratio	Lower	Upper
162	100		
164	67.2	46.3	86.3
98	37.1	17.3	57.3

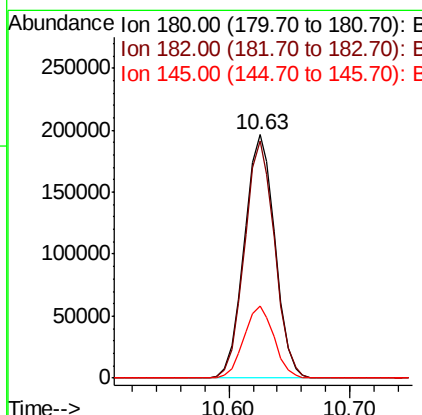
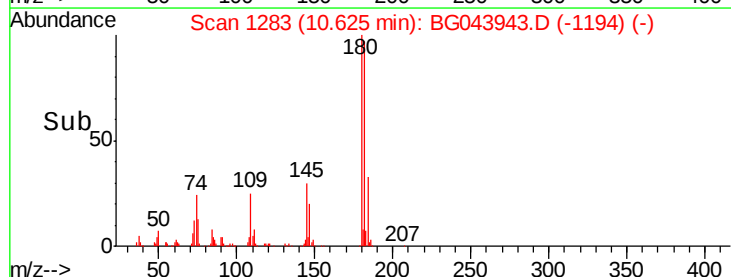
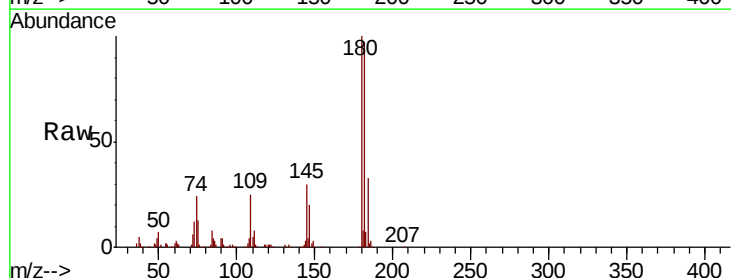
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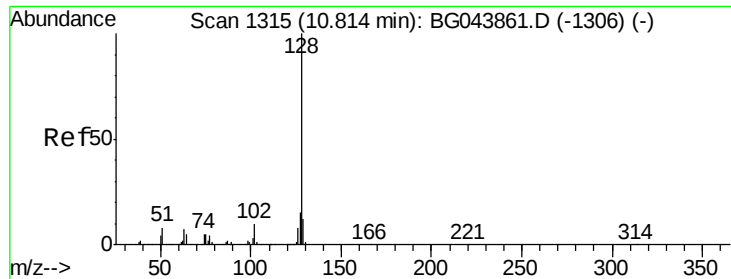
mohammad
 1/7/2020 12:30:57 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 40.802 ng
 RT: 10.63 min Scan# 1283
 Delta R.T. -0.01 min
 Lab File: BG043943.D
 Acq: 6 Jan 2020 22:49

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.3	75.0	112.4
145	29.6	24.2	36.4





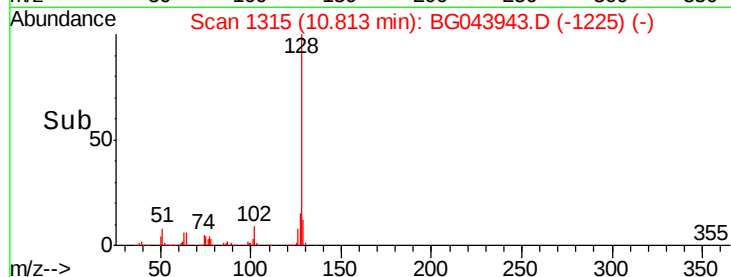
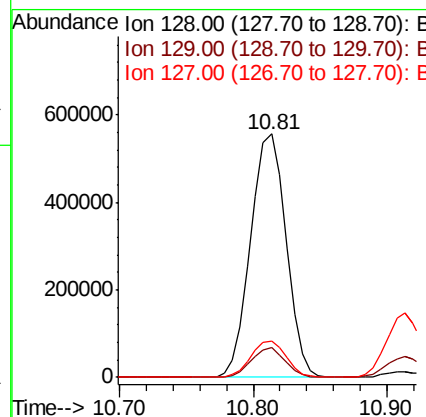
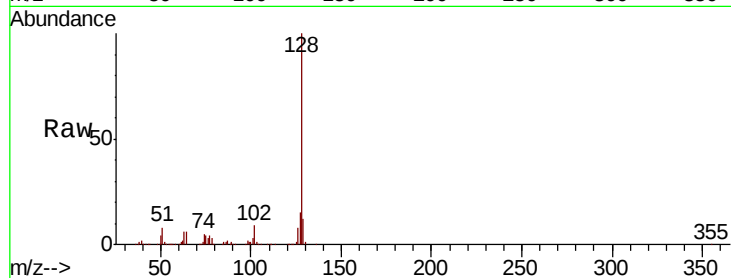
#31
Naphthalene
Concen: 43.985 ng
RT: 10.81 min Scan# 1315
Delta R.T. -0.00 min
Lab File: BG043943.D
Acq: 6 Jan 2020 22:49

Instrument :
BNA_G
ClientSampleId :
IDOC-W-02-CG

Tot Ion	Ratio	Lower	Upper
128	100		
129	12.2	9.8	14.6
127	14.8	12.0	18.0

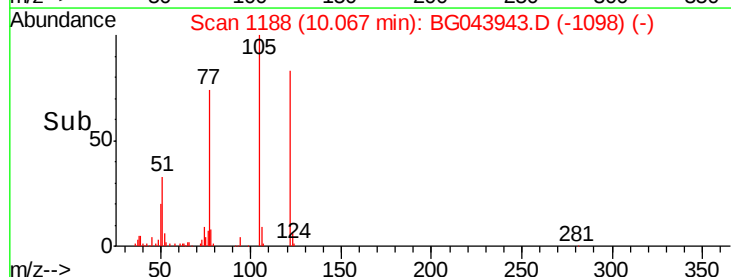
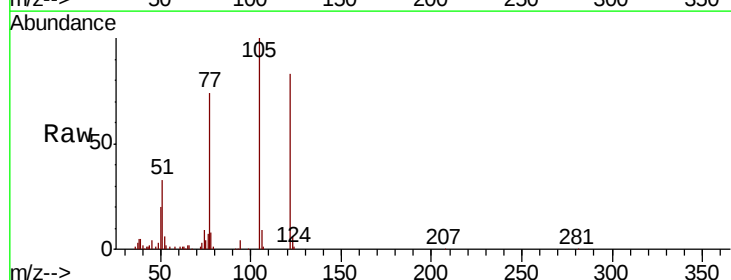
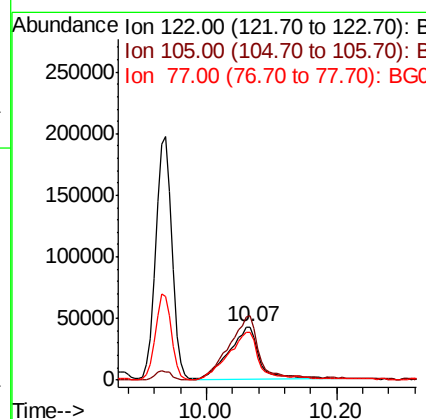
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#32
Benzoic acid
Concen: 29.456 ng
RT: 10.07 min Scan# 1188
Delta R.T. 0.00 min
Lab File: BG043943.D
Acq: 6 Jan 2020 22:49

Tgt Ion	Ratio	Lower	Upper
122	100		
105	120.6	106.4	146.4
77	89.7	74.6	114.6





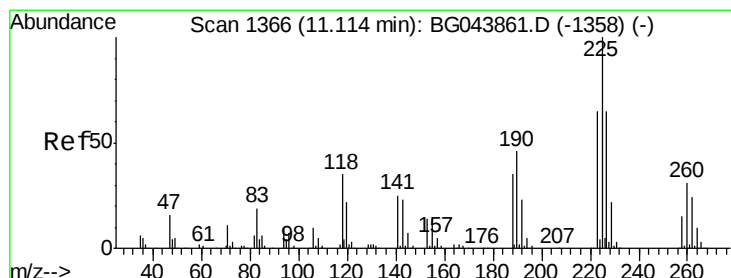
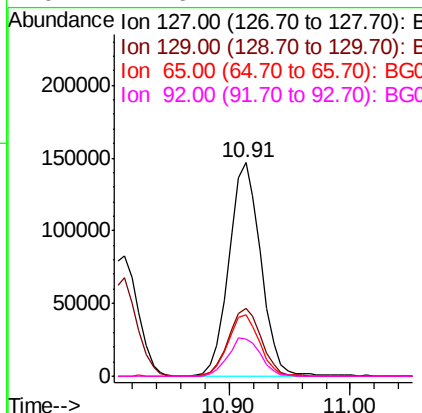
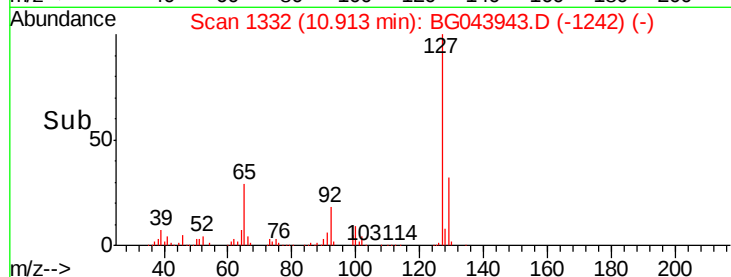
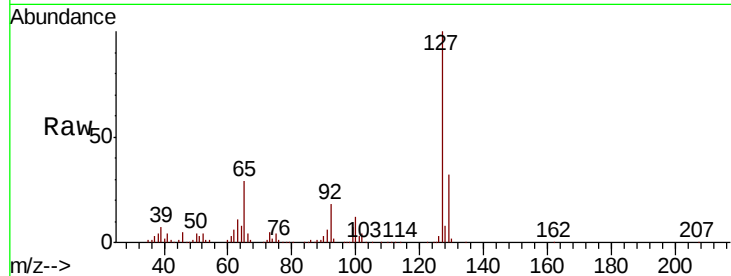
#33
4-Chloroaniline
Concen: 24.301 ng
RT: 10.91 min Scan# 1332
Delta R.T. -0.00 min
Lab File: BG043943.D
Acq: 6 Jan 2020 22:49

Instrument :
BNA_G
ClientSampleId :
IDOC-W-02-CG

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		269759		
129	31.7	26.6	40.0		
65	29.0	23.3	34.9		
92	17.6	14.7	22.1		

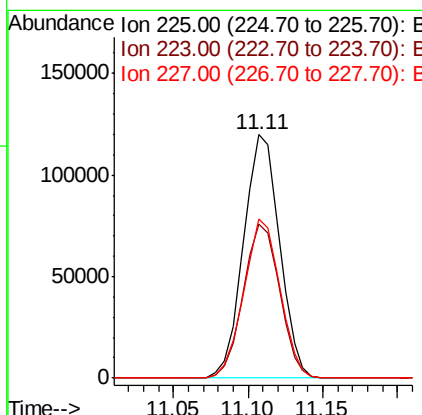
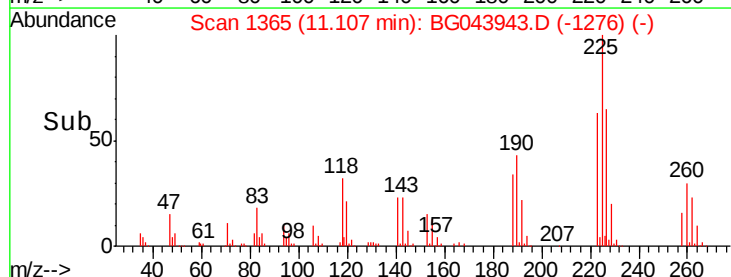
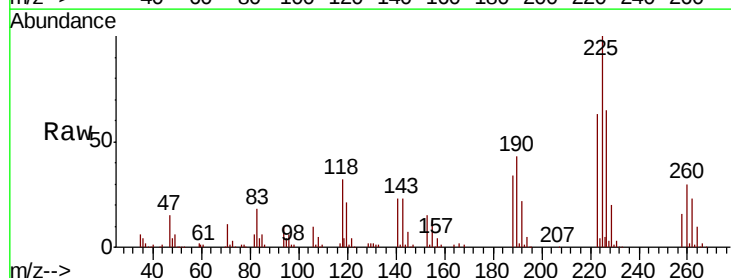
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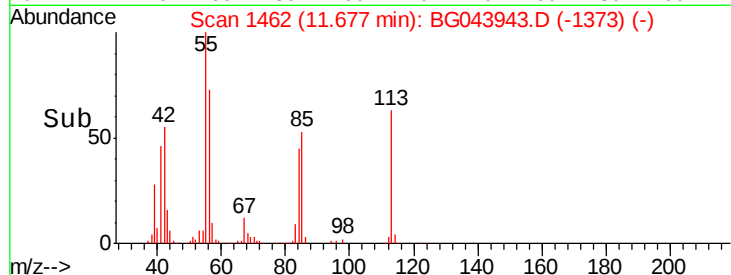
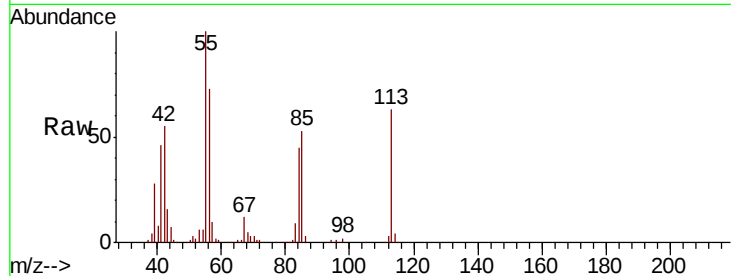
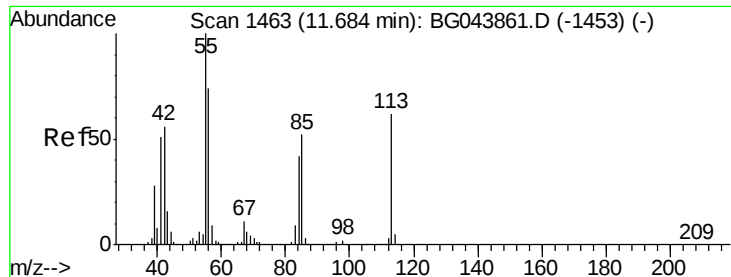
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#34
Hexachlorobutadiene
Concen: 38.707 ng
RT: 11.11 min Scan# 1365
Delta R.T. -0.01 min
Lab File: BG043943.D
Acq: 6 Jan 2020 22:49

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		200441		
223	63.3	52.2	78.4		
227	65.2	52.1	78.1		





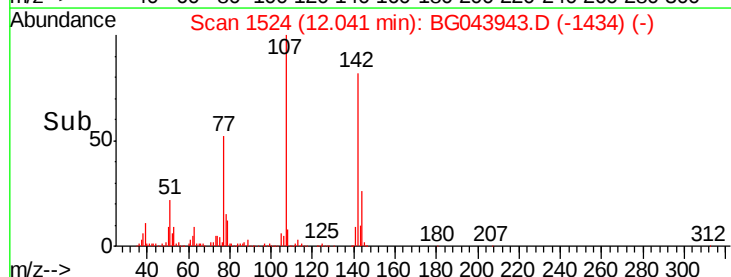
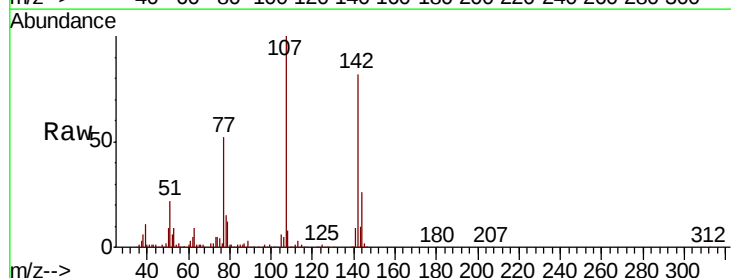
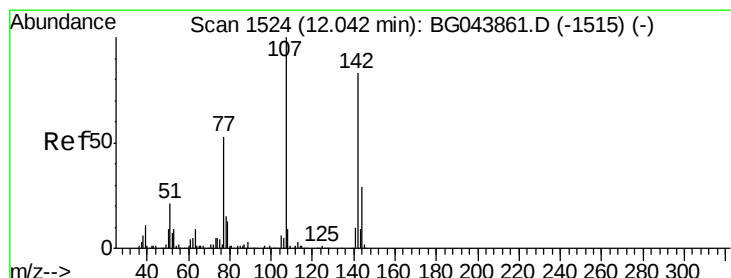
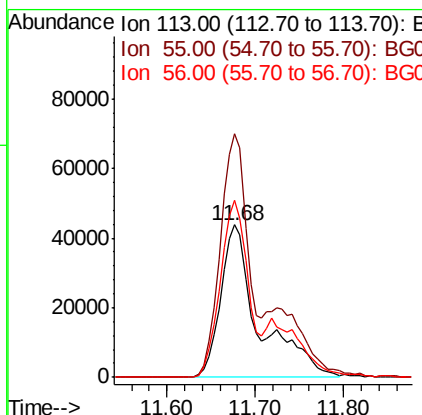
#35
Caprolactam
Concen: 46.413 ng/ml
RT: 11.68 min Scan# 1462
Delta R.T. -0.01 min
Lab File: BG043943.D
Acq: 6 Jan 2020 22:49

Instrument :
BNA_G
ClientSampleId :
IDOC-W-02-CG

Tot Ion	Ratio	Lower	Upper
113	100		
55	159.5	142.5	182.5
56	116.0	101.4	141.4

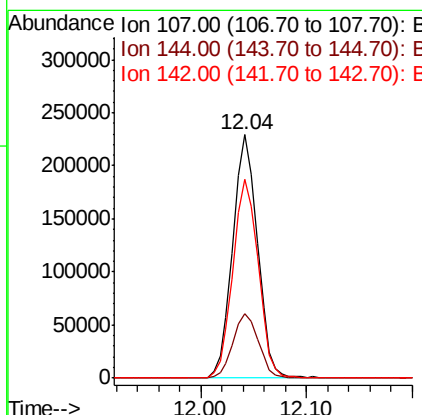
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#36
4-Chloro-3-methylphenol
Concen: 46.251 ng/ml
RT: 12.04 min Scan# 1524
Delta R.T. -0.00 min
Lab File: BG043943.D
Acq: 6 Jan 2020 22:49

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.2	23.4	35.2
142	81.6	66.3	99.5





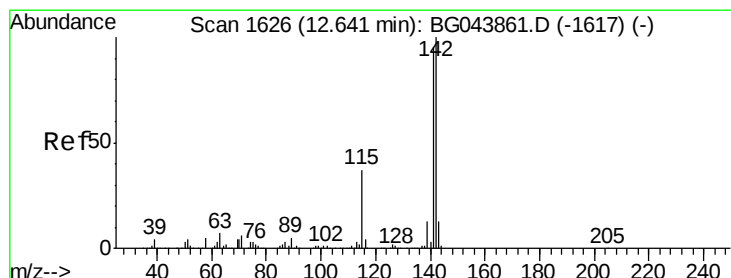
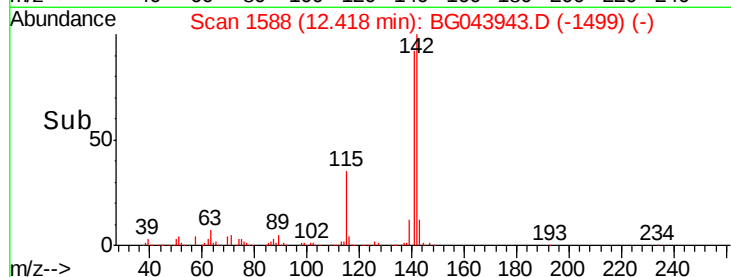
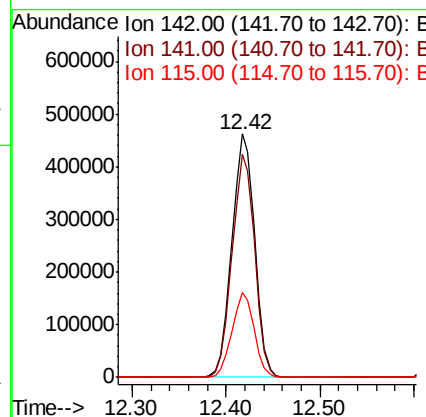
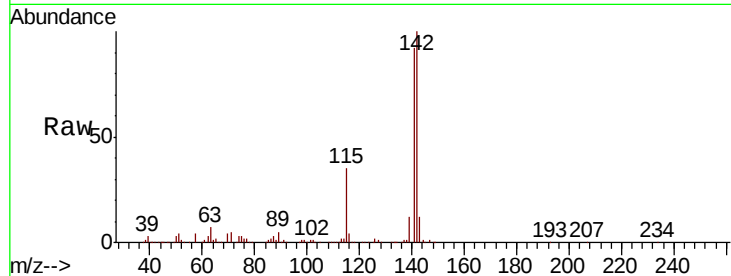
#37
2-Methylnaphthalene
Concen: 44.131 ng
RT: 12.42 min Scan# 1588
Delta R.T. -0.01 min
Lab File: BG043943.D
Acq: 6 Jan 2020 22:49

Instrument :
BNA_G
ClientSampleId :
IDOC-W-02-CG

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.6	75.8	113.8
115	34.9	28.6	42.8

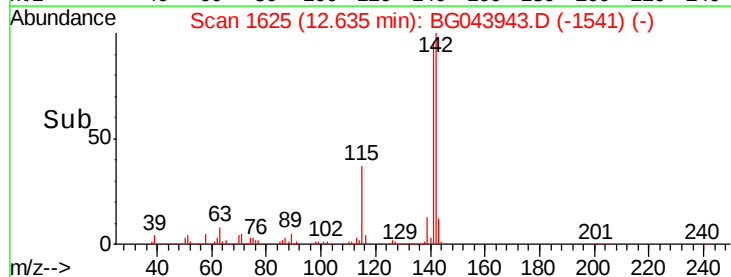
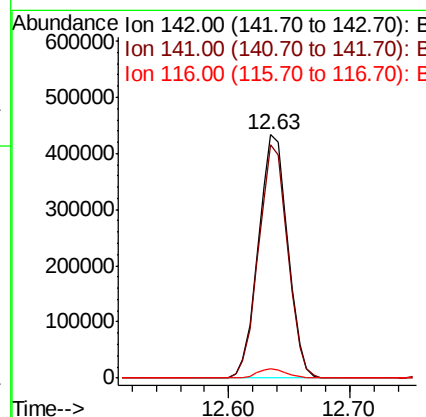
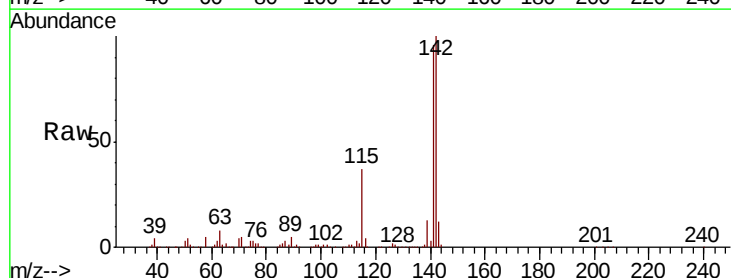
Manual Integrations
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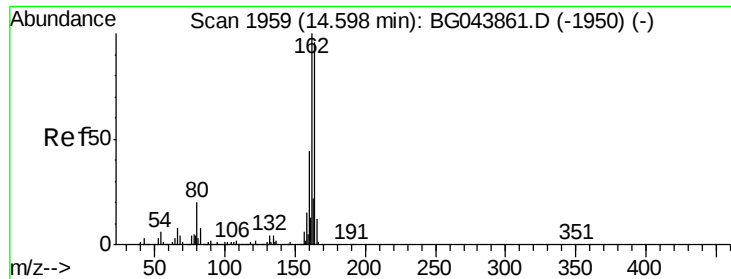
mohammad
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#38
1-Methylnaphthalene
Concen: 44.067 ng
RT: 12.63 min Scan# 1625
Delta R.T. -0.01 min
Lab File: BG043943.D
Acq: 6 Jan 2020 22:49

Tgt Ion	Ratio	Lower	Upper
142	100		
141	95.7	76.0	114.0
116	3.8	3.1	4.7





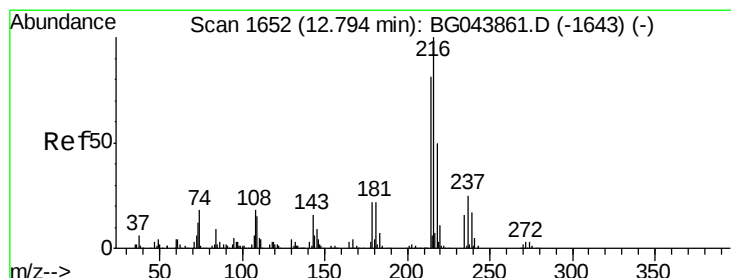
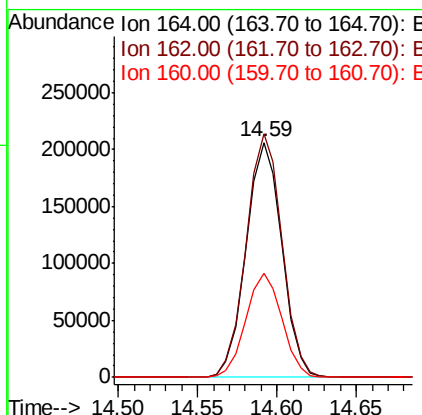
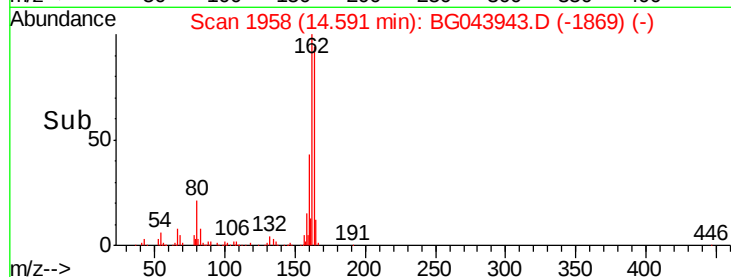
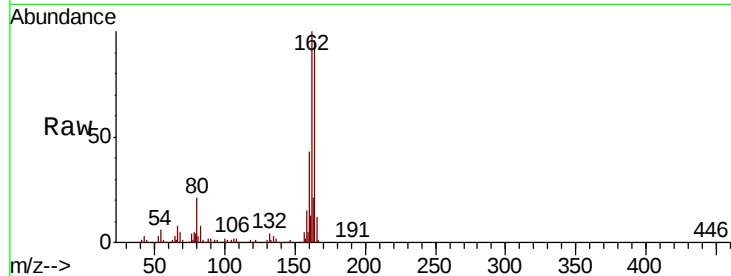
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.59 min Scan# 1958
Delta R.T. -0.01 min
Lab File: BG043943.D
Acq: 6 Jan 2020 22:49

Instrument :
BNA_G
ClientSampleId :
IDOC-W-02-CG

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.7	83.0	124.4
160	44.5	36.1	54.1

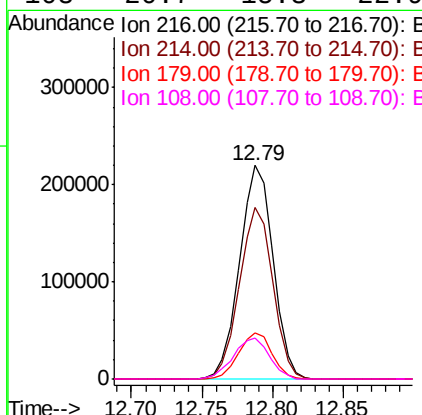
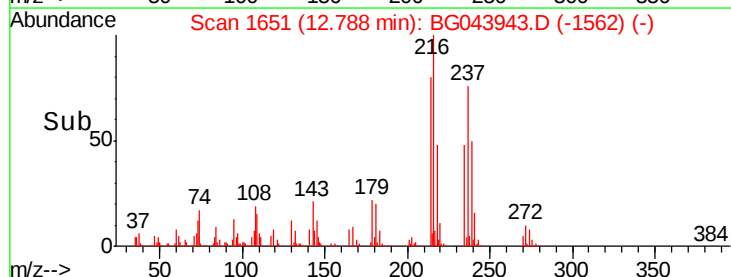
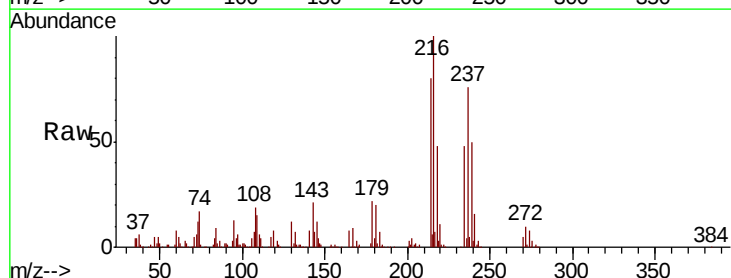
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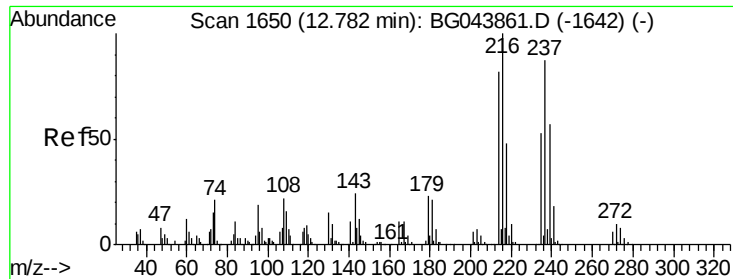
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 38.547 ng
RT: 12.79 min Scan# 1651
Delta R.T. -0.01 min
Lab File: BG043943.D
Acq: 6 Jan 2020 22:49

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.9	63.8	95.8
179	21.6	17.3	25.9
108	20.7	15.3	22.9





#41

Hexachlorocyclopentadiene

Concen: 98.396 ng

RT: 12.78 min Scan# 1649

Delta R.T. -0.01 min

Lab File: BG043943.D

Acq: 6 Jan 2020 22:49

Instrument :

BNA_G

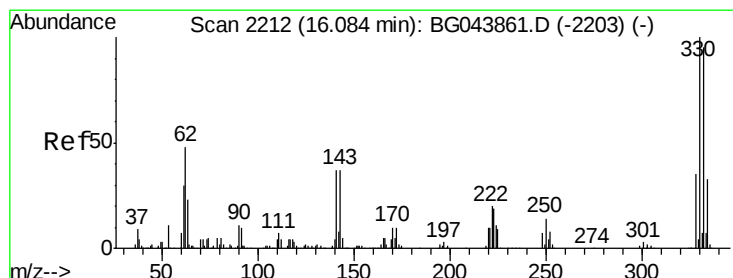
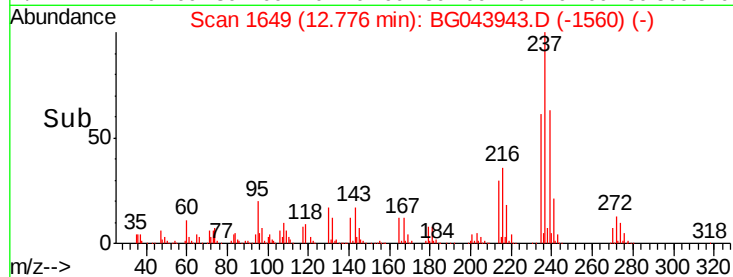
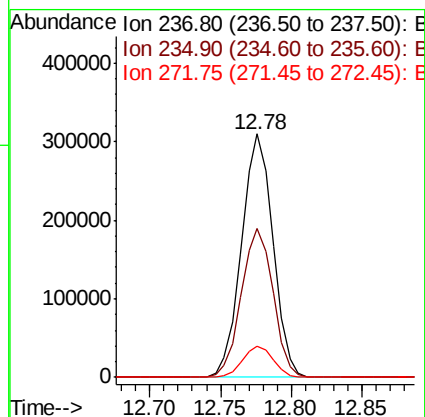
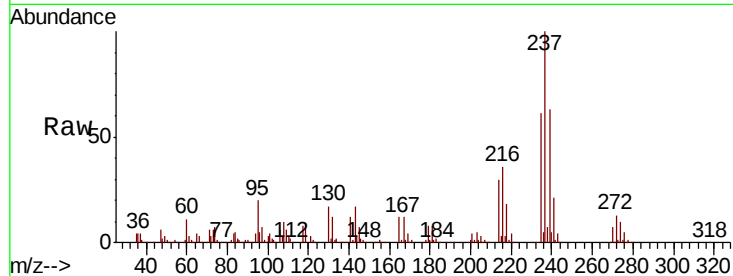
ClientSampleId :

IDOC-W-02-CG

Tot Ion:	237	Resp:	482924
Ion Ratio	Lower	Upper	
237	100		
235	61.3	41.1	81.1
272	13.0	0.0	31.7

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#42

2,4,6-Tribromophenol

Concen: 123.249 ng

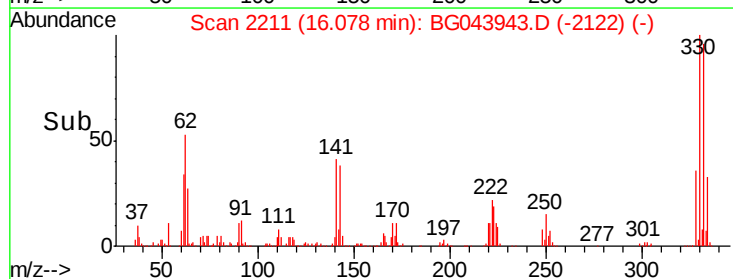
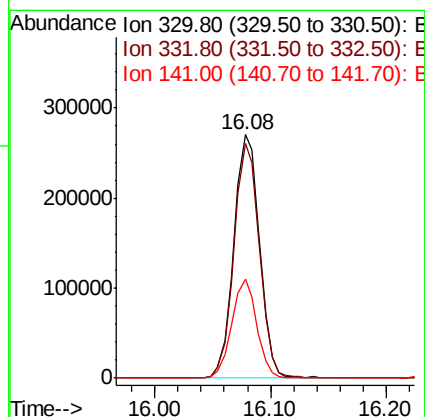
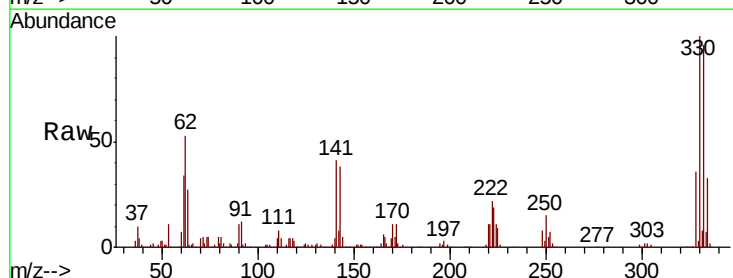
RT: 16.08 min Scan# 2211

Delta R.T. -0.01 min

Lab File: BG043943.D

Acq: 6 Jan 2020 22:49

Tgt Ion:	330	Resp:	416581
Ion Ratio	Lower	Upper	
330	100		
332	95.7	77.2	115.8
141	39.6	33.1	49.7





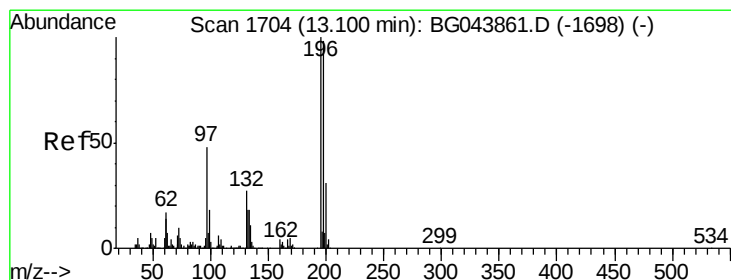
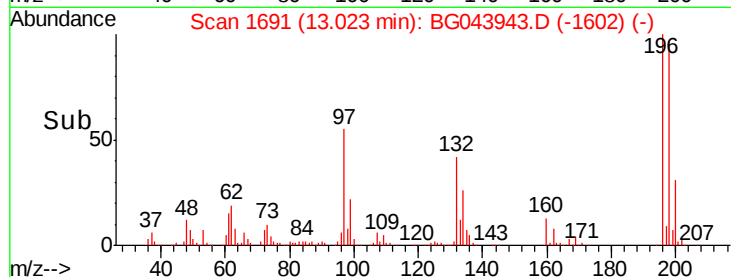
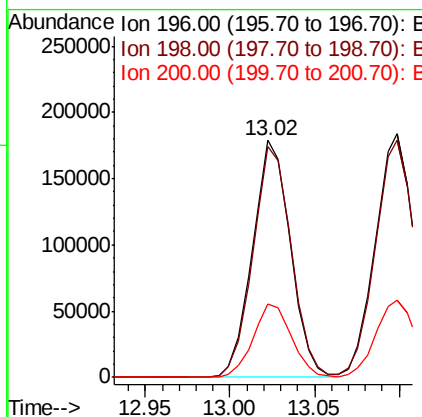
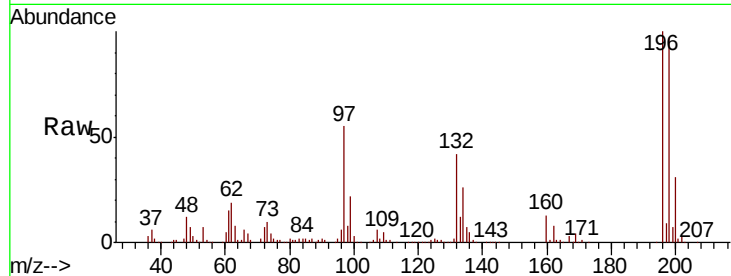
#43
 2,4,6-Trichlorophenol
 Concen: 42.722 ng
 RT: 13.02 min Scan# 1691
 Delta R.T. -0.01 min
 Lab File: BG043943.D
 Acq: 6 Jan 2020 22:49

Instrument :
 BNA_G
 ClientSampleId :
 IDOC-W-02-CG

Tot Ion	Ratio	Resp	Lower	Upper
196	100	278285		
198	97.5	76.6	115.0	
200	31.2	24.6	37.0	

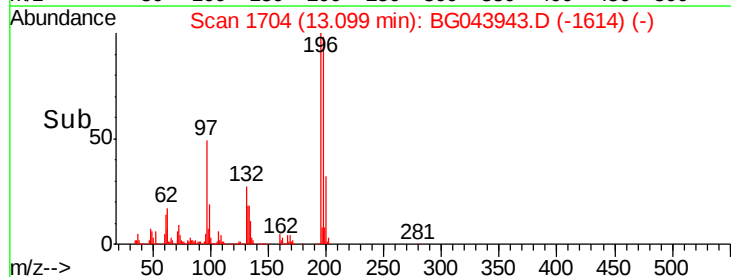
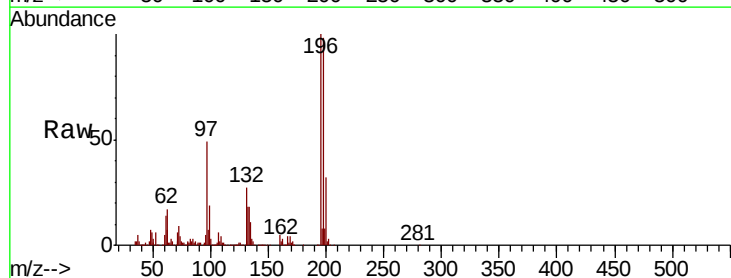
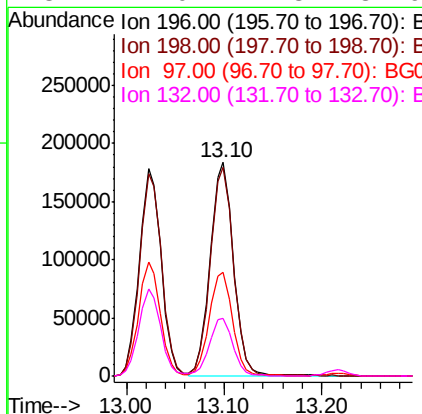
Manual Integrations
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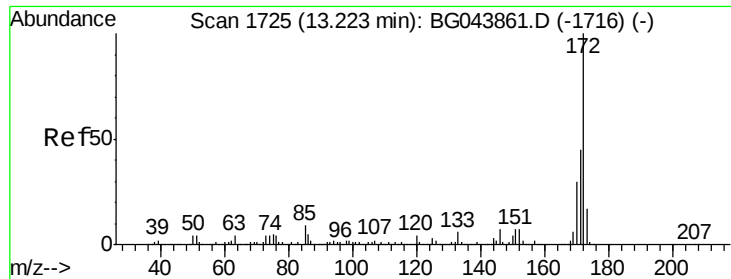
mohammad
 1/7/2020 12:30:57 PM



#44
 2,4,5-Trichlorophenol
 Concen: 44.872 ng
 RT: 13.10 min Scan# 1704
 Delta R.T. -0.00 min
 Lab File: BG043943.D
 Acq: 6 Jan 2020 22:49

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	301468		
198	97.6	78.3	117.5	
97	48.5	38.8	58.2	
132	27.0	21.3	31.9	





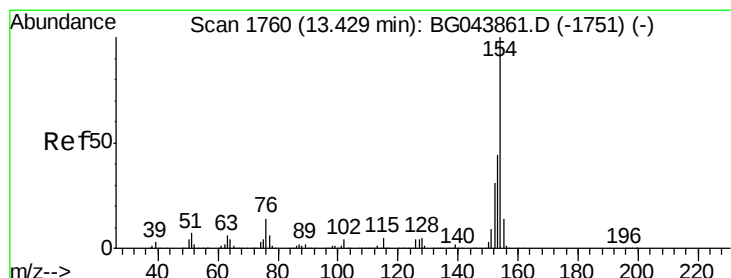
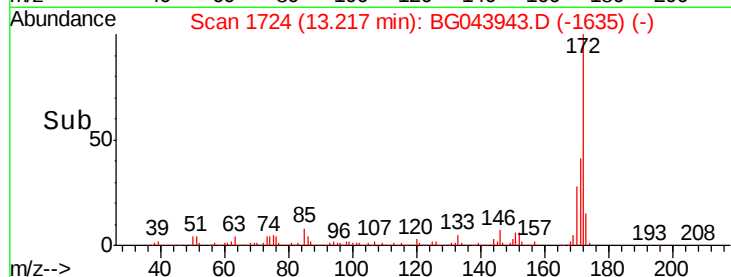
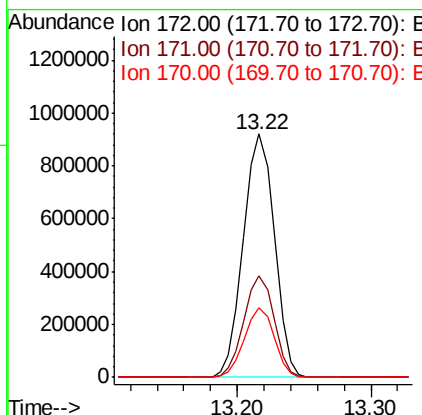
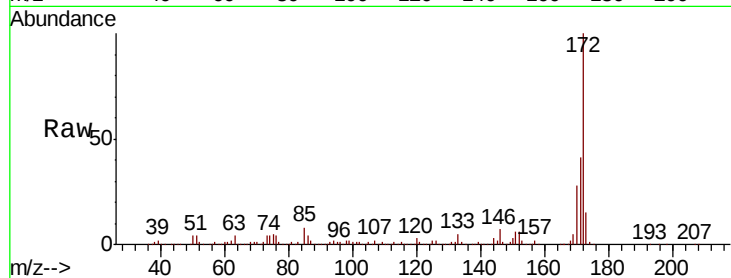
#45
2-Fluorobiphenyl
Concen: 83.231 ng
RT: 13.22 min Scan# 1724
Delta R.T. -0.01 min
Lab File: BG043943.D
Acq: 6 Jan 2020 22:49

Instrument :
BNA_G
ClientSampleId :
IDOC-W-02-CG

Tot Ion	Ratio	Lower	Upper
172	100		
171	41.4	35.8	53.8
170	28.5	24.2	36.4

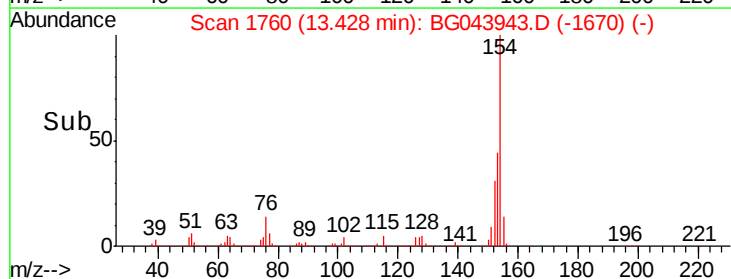
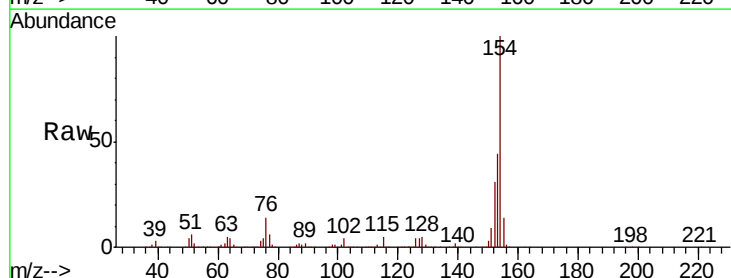
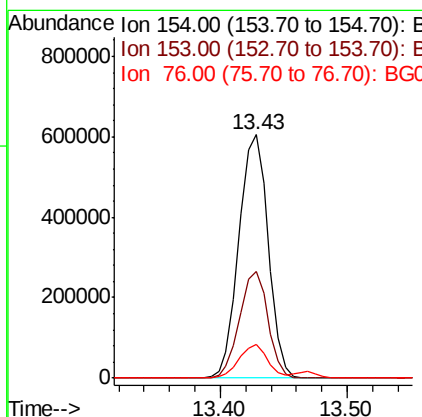
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#46
1,1'-Biphenyl
Concen: 41.802 ng
RT: 13.43 min Scan# 1760
Delta R.T. -0.00 min
Lab File: BG043943.D
Acq: 6 Jan 2020 22:49

Tgt Ion	Ratio	Lower	Upper
154	100		
153	43.9	23.6	63.6
76	14.0	0.0	34.4





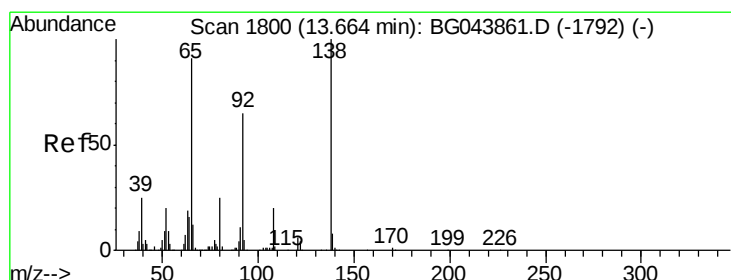
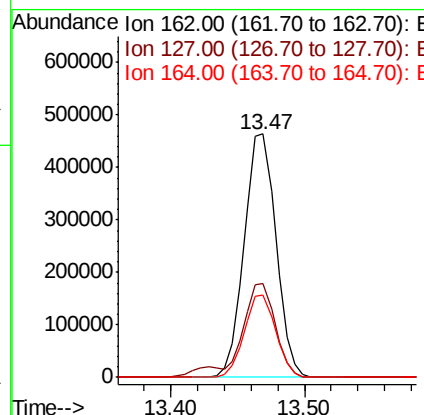
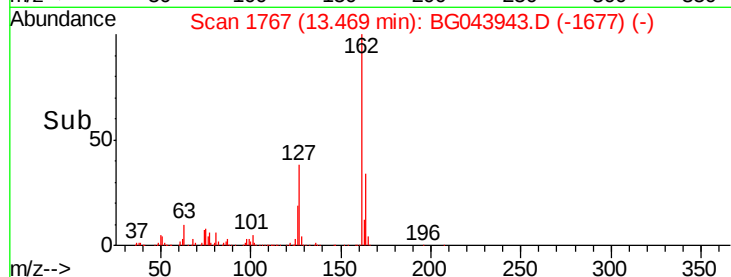
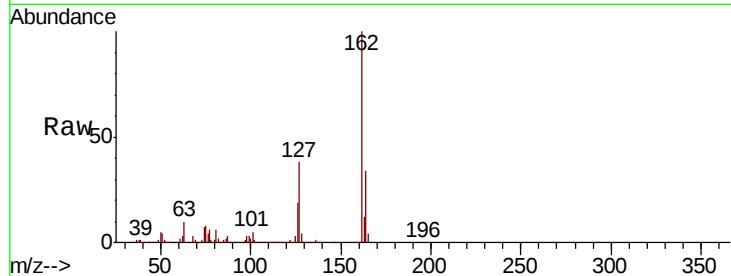
#47
2-Chloronaphthalene
Concen: 40.781 ng
RT: 13.47 min Scan# 1767
Delta R.T. -0.00 min
Lab File: BG043943.D
Acq: 6 Jan 2020 22:49

Instrument :
BNA_G
ClientSampleId :
IDOC-W-02-CG

Tot Ion	Ratio	Resp	Lower	Upper
162	100	763134		
127	38.4		32.1	48.1
164	34.0		27.5	41.3

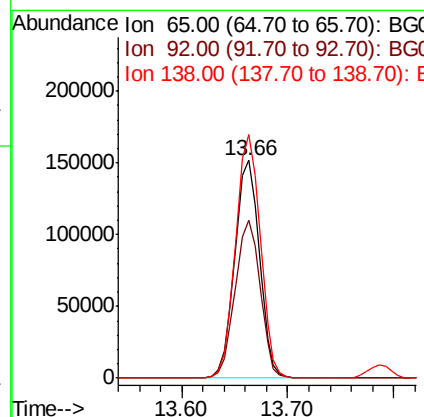
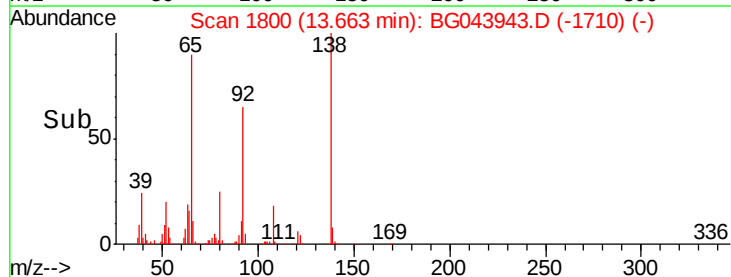
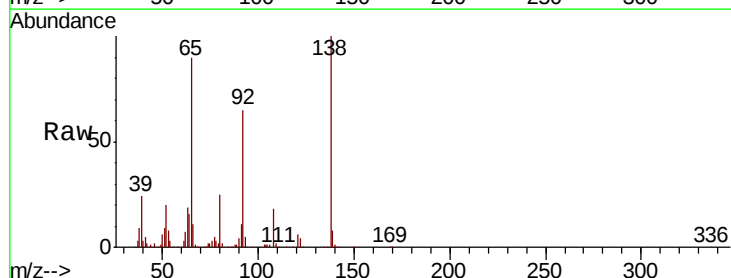
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#48
2-Nitroaniline
Concen: 40.639 ng
RT: 13.66 min Scan# 1800
Delta R.T. -0.00 min
Lab File: BG043943.D
Acq: 6 Jan 2020 22:49

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	244626		
92	72.5		57.4	86.2
138	111.7		88.2	132.4





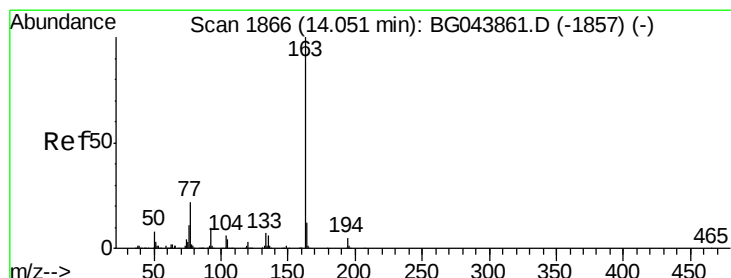
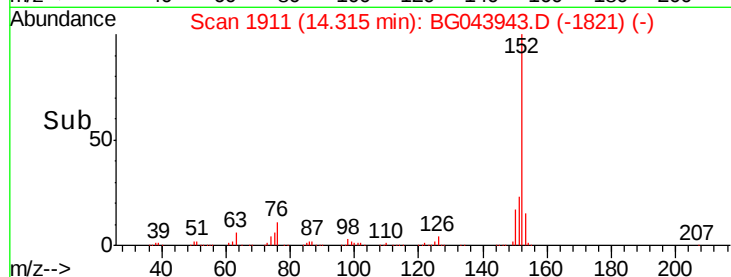
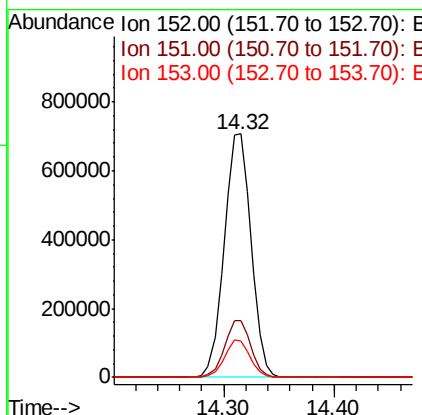
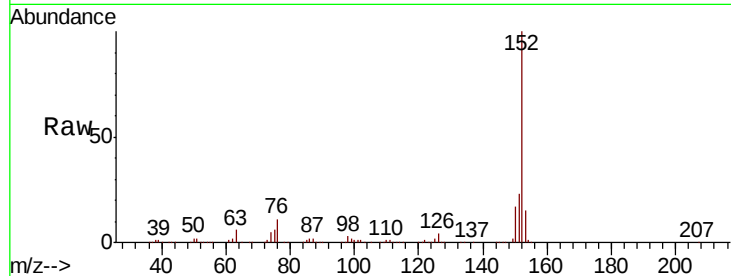
#49
Acenaphthylene
Concen: 44.638 ng
RT: 14.32 min Scan# 1911
Delta R.T. -0.00 min
Lab File: BG043943.D
Acq: 6 Jan 2020 22:49

Instrument :
BNA_G
ClientSampleId :
IDOC-W-02-CG

Tot Ion	Ratio	Lower	Upper
152	100		
151	23.3	19.4	29.2
153	14.7	12.0	18.0

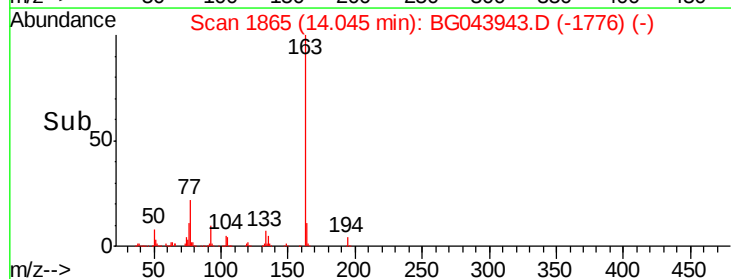
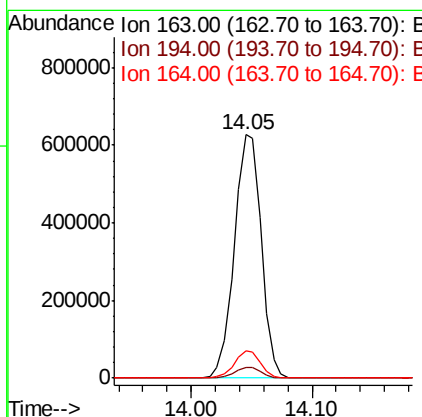
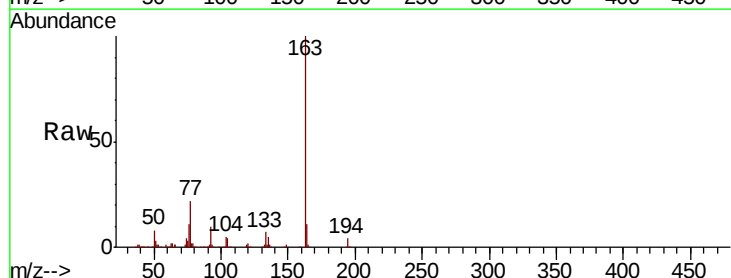
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#50
Dimethylphthalate
Concen: 42.391 ng
RT: 14.05 min Scan# 1865
Delta R.T. -0.01 min
Lab File: BG043943.D
Acq: 6 Jan 2020 22:49

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.7	5.5
164	11.3	9.3	13.9





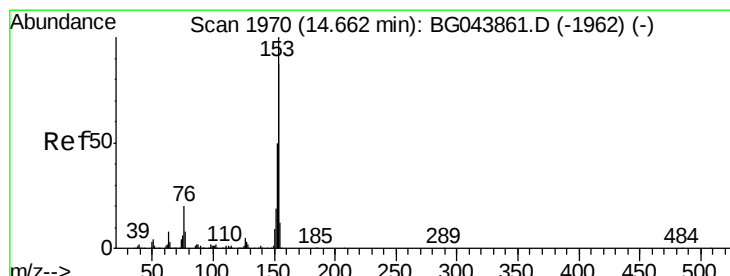
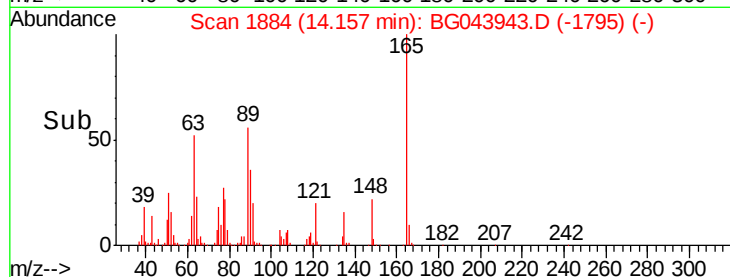
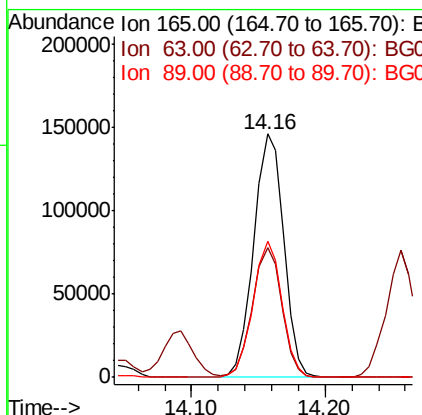
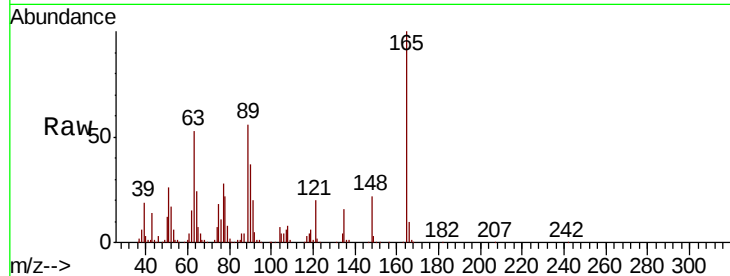
#51
2,6-Dinitrotoluene
Concen: 43.583 ng
RT: 14.16 min Scan# 1884
Delta R.T. -0.01 min
Lab File: BG043943.D
Acq: 6 Jan 2020 22:49

Instrument :
BNA_G
ClientSampleId :
IDOC-W-02-CG

Tot Ion	Ratio	Lower	Upper
165	100		
63	53.0	43.1	64.7
89	55.9	43.8	65.6

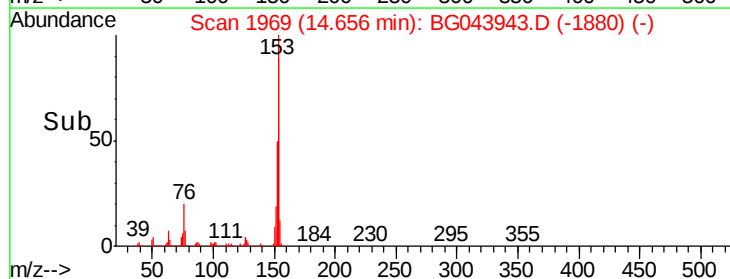
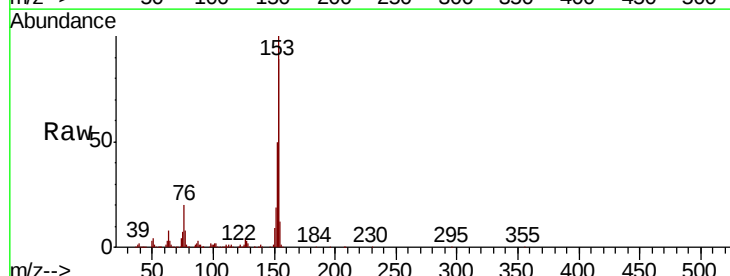
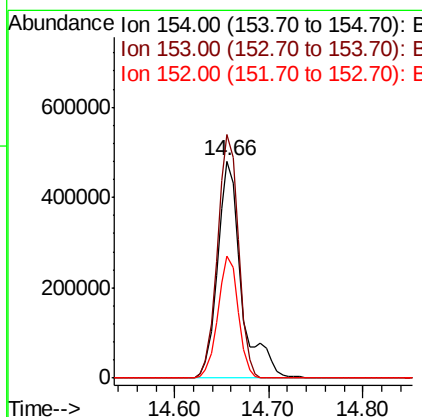
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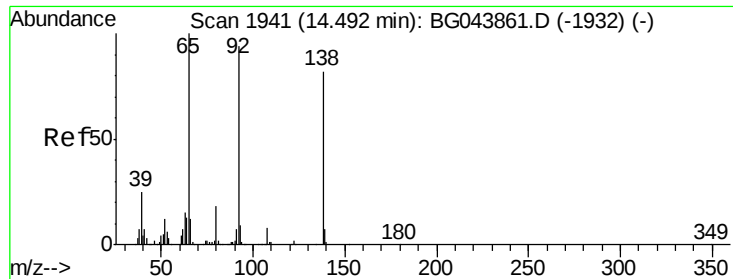
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#52
Acenaphthene
Concen: 45.079 ng
RT: 14.66 min Scan# 1969
Delta R.T. -0.01 min
Lab File: BG043943.D
Acq: 6 Jan 2020 22:49

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.1	91.6	137.4
152	56.2	45.4	68.0





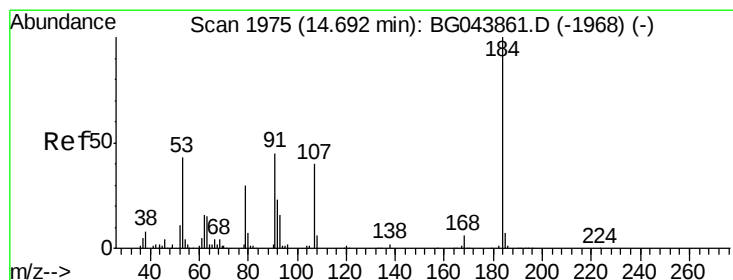
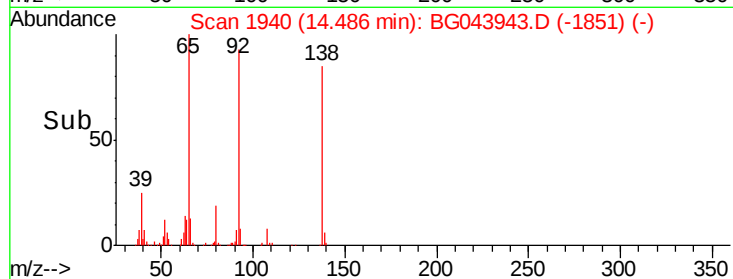
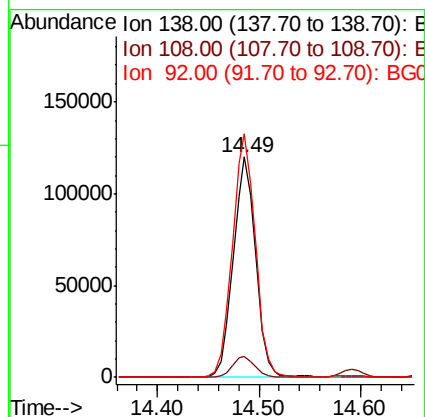
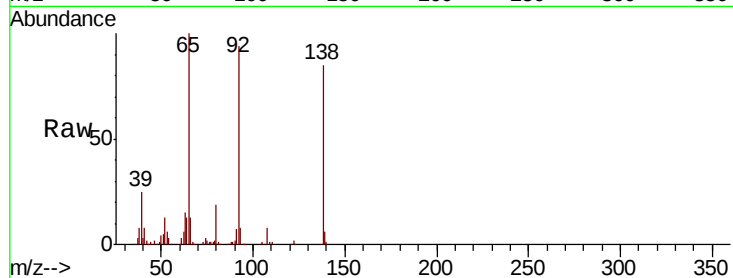
#53
3-Nitroaniline
Concen: 31.195 ng
RT: 14.49 min Scan# 1940
Delta R.T. -0.01 min
Lab File: BG043943.D
Acq: 6 Jan 2020 22:49

Instrument :
BNA_G
ClientSampleId :
IDOC-W-02-CG

Tot Ion	Ratio	Resp	Lower	Upper
138	100	183622		
108	9.4	7.4	11.2	
92	110.5	92.1	138.1	

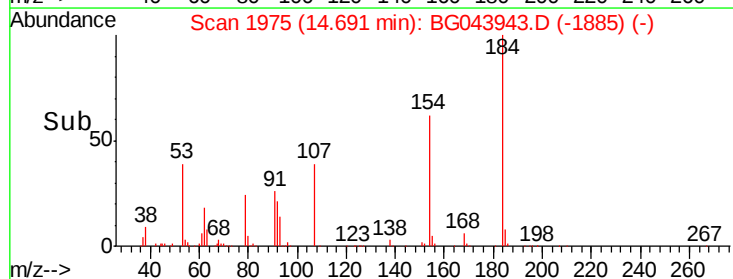
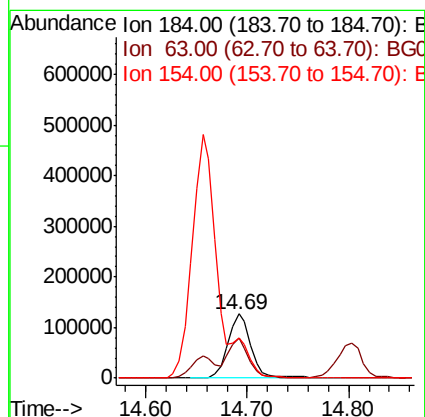
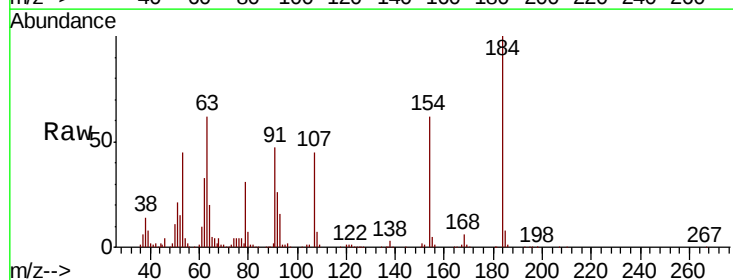
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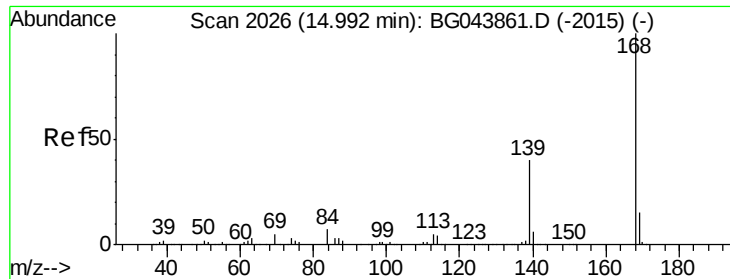
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#54
2,4-Dinitrophenol
Concen: 76.161 ng
RT: 14.69 min Scan# 1975
Delta R.T. 0.00 min
Lab File: BG043943.D
Acq: 6 Jan 2020 22:49

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	200376		
63	61.8	46.6	70.0	
154	61.8	50.2	75.4	





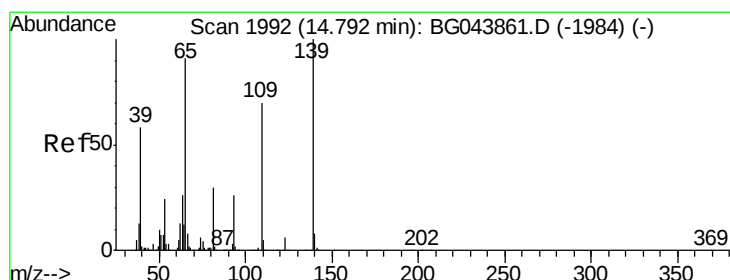
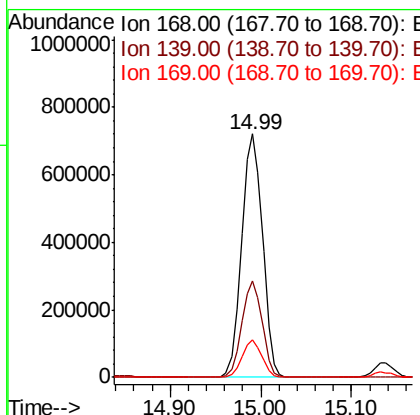
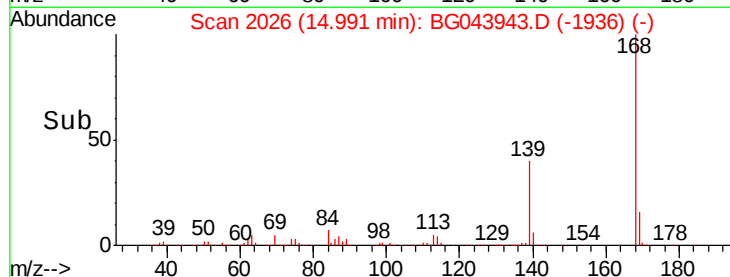
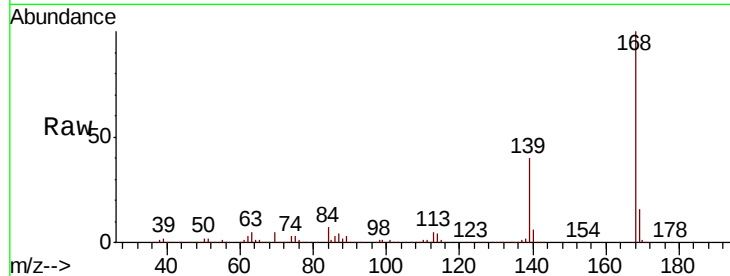
#55
Dibenzenofuran
Concen: 44.233 ng
RT: 14.99 min Scan# 2026
Delta R.T. -0.00 min
Lab File: BG043943.D
Acq: 6 Jan 2020 22:49

Instrument :
BNA_G
ClientSampleId :
IDOC-W-02-CG

Tot Ion	Ratio	Lower	Upper
168	100		
139	39.6	32.2	48.2
169	15.6	12.2	18.2

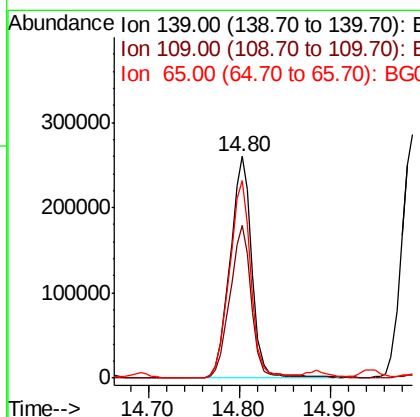
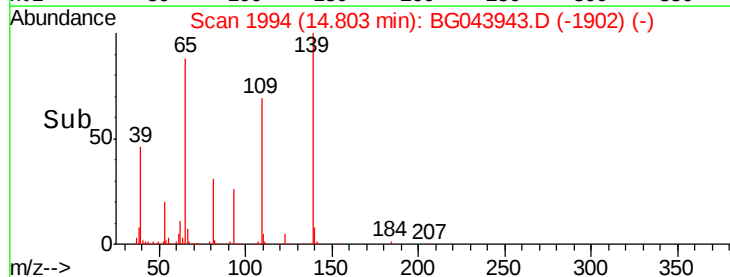
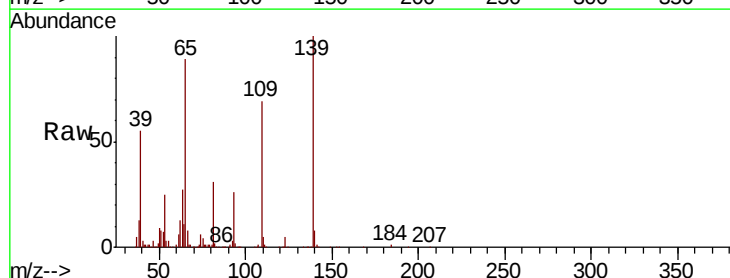
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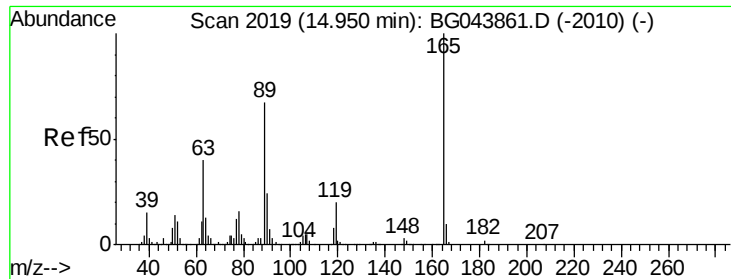
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#56
4-Nitrophenol
Concen: 97.077 ng
RT: 14.80 min Scan# 1994
Delta R.T. 0.01 min
Lab File: BG043943.D
Acq: 6 Jan 2020 22:49

Tgt Ion	Ratio	Lower	Upper
139	100		
109	68.9	50.4	90.4
65	89.1	71.4	111.4





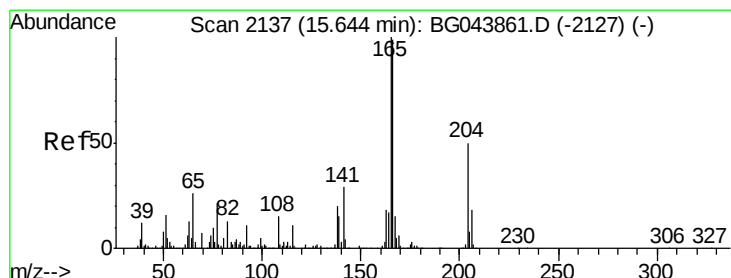
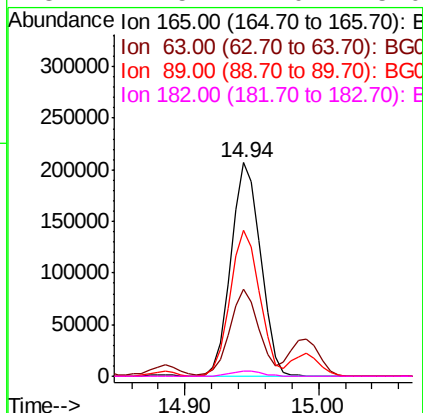
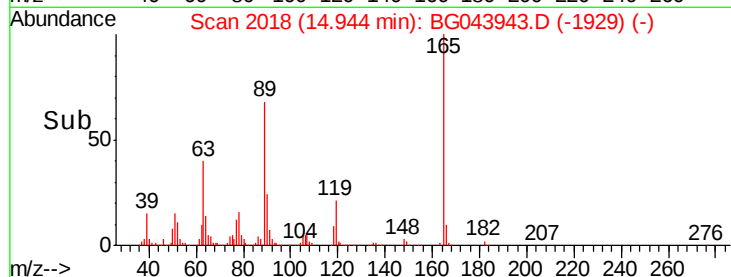
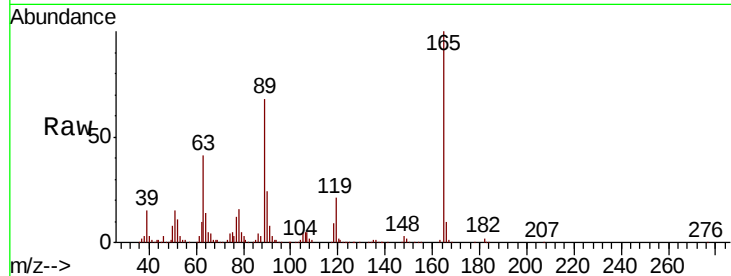
#57
2,4-Dinitrotoluene
Concen: 45.316 ng
RT: 14.94 min Scan# 2018
Delta R.T. -0.01 min
Lab File: BG043943.D
Acq: 6 Jan 2020 22:49

Instrument :
BNA_G
ClientSampleId :
IDOC-W-02-CG

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		319622		
63	40.5	31.9	47.9		
89	68.4	53.8	80.6		
182	2.5	2.0	3.0		

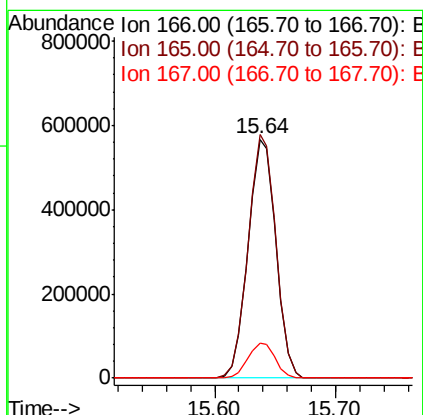
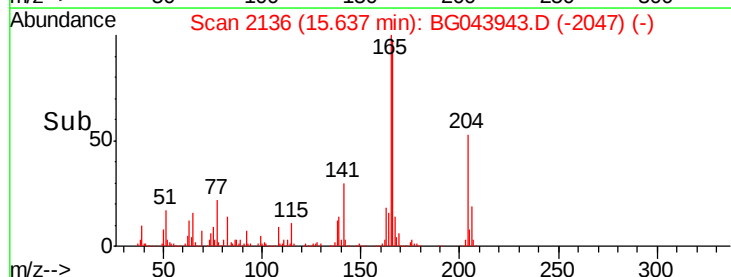
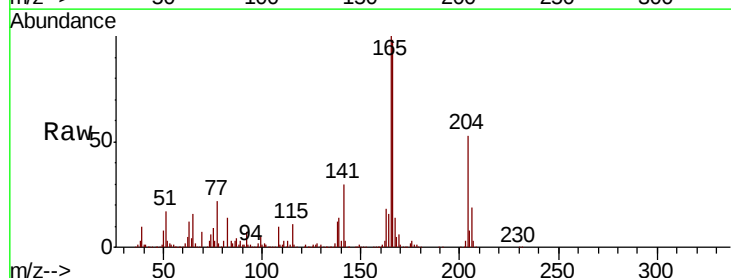
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#58
Fluorene
Concen: 44.082 ng
RT: 15.64 min Scan# 2136
Delta R.T. -0.01 min
Lab File: BG043943.D
Acq: 6 Jan 2020 22:49

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		907222		
165	101.9	80.8	121.2		
167	14.6	12.1	18.1		





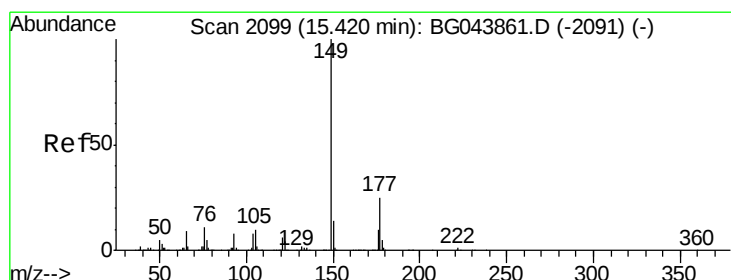
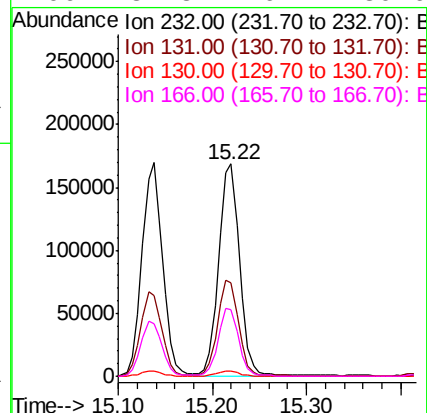
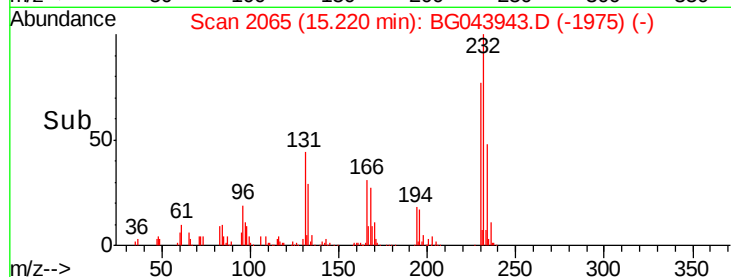
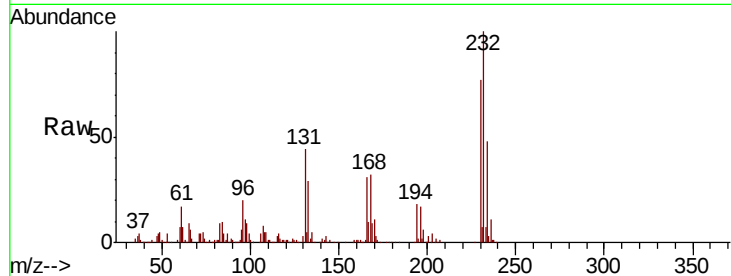
#59
2,3,4,6-Tetrachlorophenol
Concen: 45.945 ng
RT: 15.22 min Scan# 2065
Delta R.T. -0.00 min
Lab File: BG043943.D
Acq: 6 Jan 2020 22:49

Instrument :
BNA_G
ClientSampleId :
IDOC-W-02-CG

Tot Ion	Ratio	Resp	Lower	Upper
232	100	265425		
131	45.3		38.2	57.2
130	2.7		2.2	3.2
166	31.3		26.4	39.6

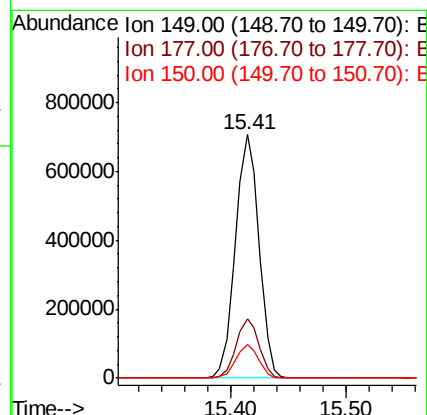
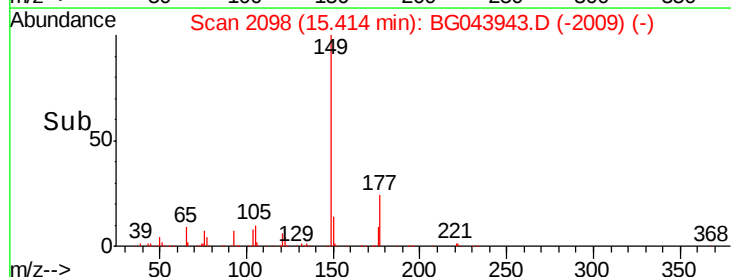
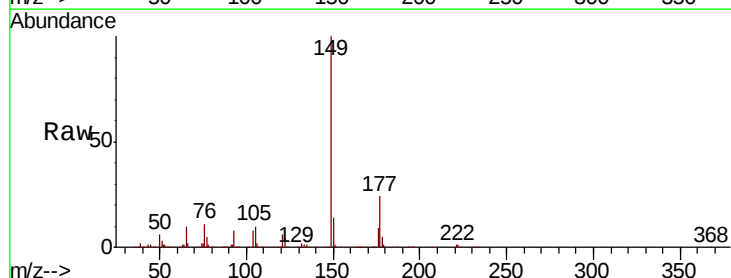
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#60
Diethylphthalate
Concen: 43.544 ng
RT: 15.41 min Scan# 2098
Delta R.T. -0.01 min
Lab File: BG043943.D
Acq: 6 Jan 2020 22:49

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	998819		
177	24.2		20.0	30.0
150	13.7		11.1	16.7





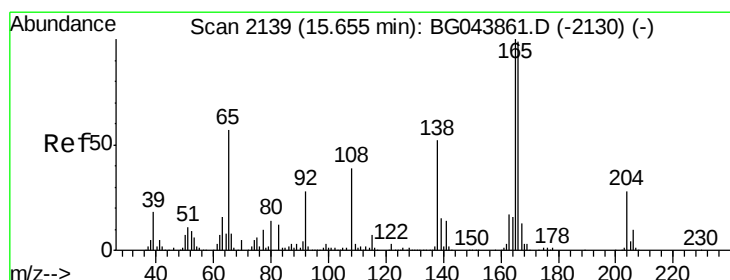
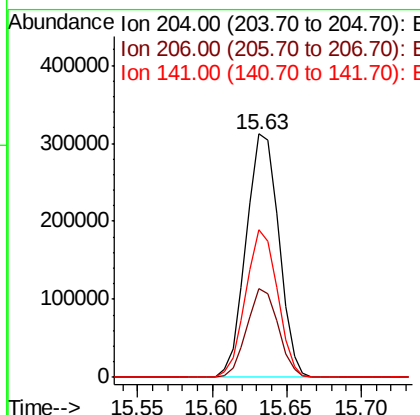
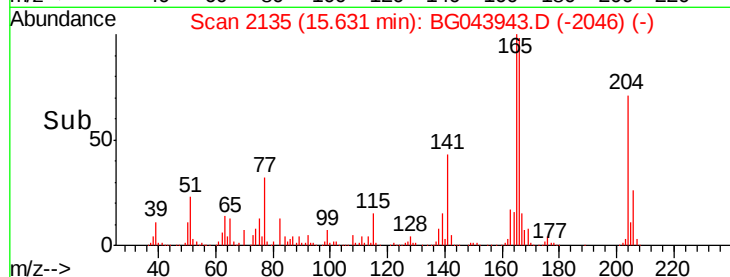
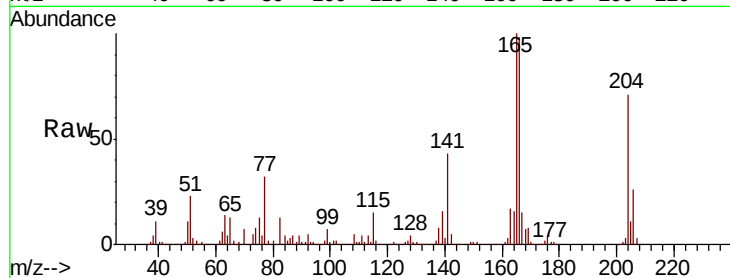
#61
4-Chlorophenyl-phenylether
Concen: 42.191 ng
RT: 15.63 min Scan# 2135
Delta R.T. -0.01 min
Lab File: BG043943.D
Acq: 6 Jan 2020 22:49

Instrument :
BNA_G
ClientSampleId :
IDOC-W-02-CG

Tot Ion	Ratio	Lower	Upper
204	100		
206	36.3	28.2	42.2
141	60.6	48.2	72.2

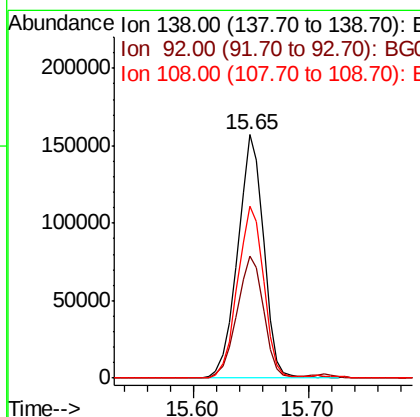
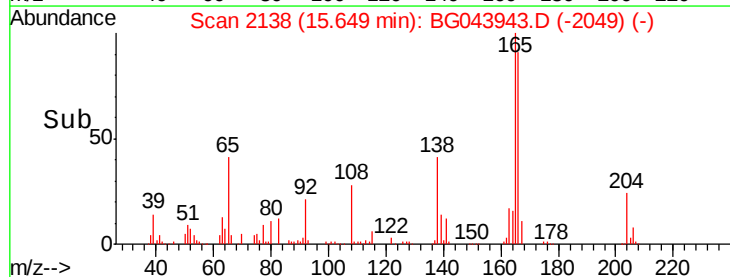
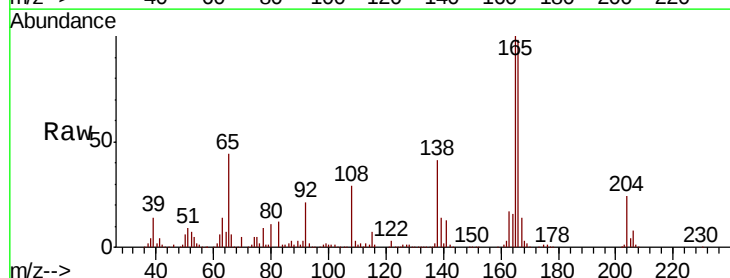
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#62
4-Nitroaniline
Concen: 42.107 ng
RT: 15.65 min Scan# 2138
Delta R.T. -0.01 min
Lab File: BG043943.D
Acq: 6 Jan 2020 22:49

Tgt Ion	Ratio	Lower	Upper
138	100		
92	50.0	34.3	74.3
108	70.4	55.0	95.0





#63

Azobenzene

Concen: 43.967 ng

RT: 15.93 min Scan# 2185

Delta R.T. -0.01 min

Lab File: BG043943.D

Acq: 6 Jan 2020 22:49

Instrument :

BNA_G

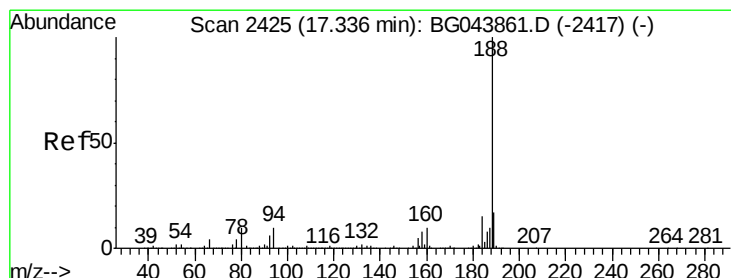
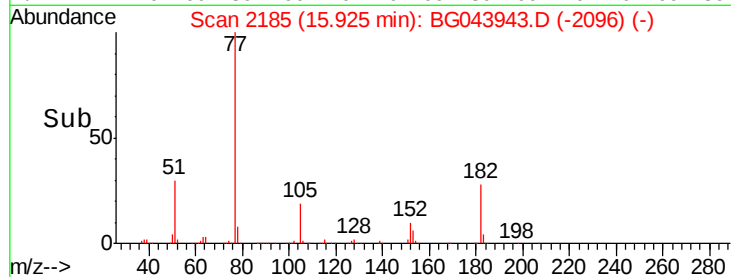
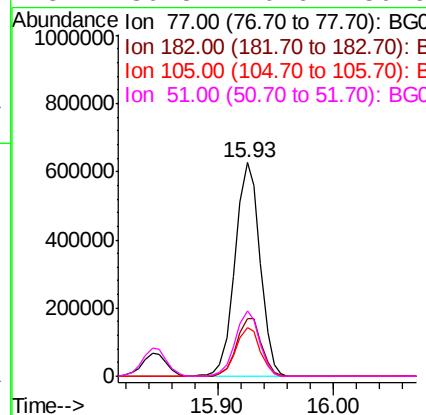
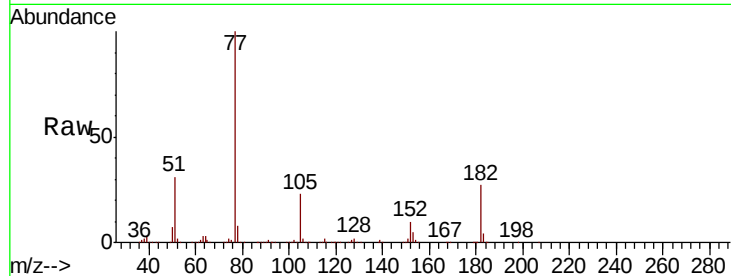
ClientSampleId :

IDOC-W-02-CG

Tot Ion	Ratio	Lower	Upper
77	100		
182	27.1	7.3	47.3
105	22.8	3.2	43.2
51	30.8	10.6	50.6

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#64

Phenanthrene-d10

Concen: 20.000 ng

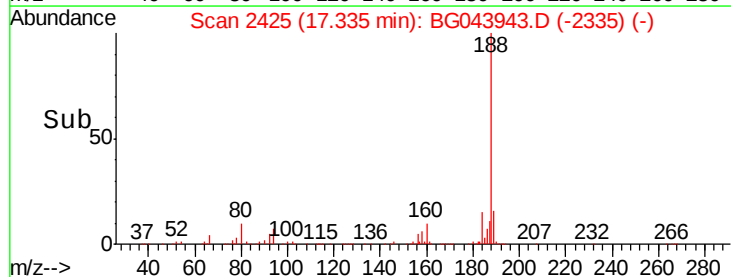
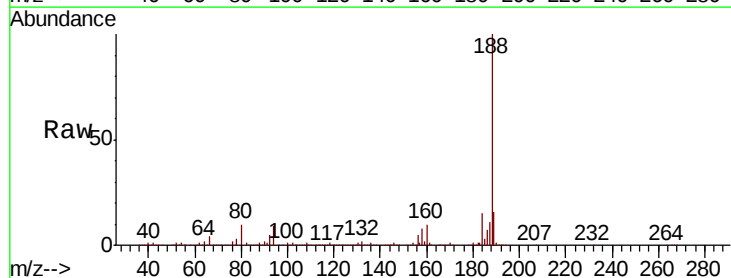
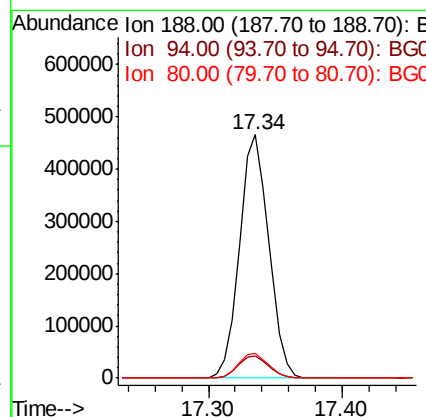
RT: 17.34 min Scan# 2425

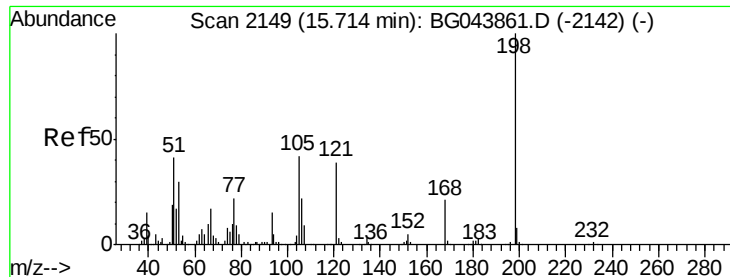
Delta R.T. -0.00 min

Lab File: BG043943.D

Acq: 6 Jan 2020 22:49

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.9	7.9	11.9
80	10.1	8.2	12.4





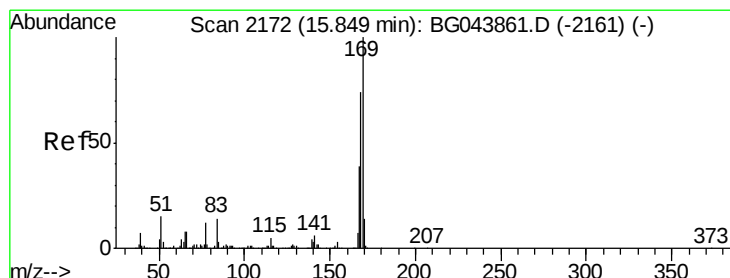
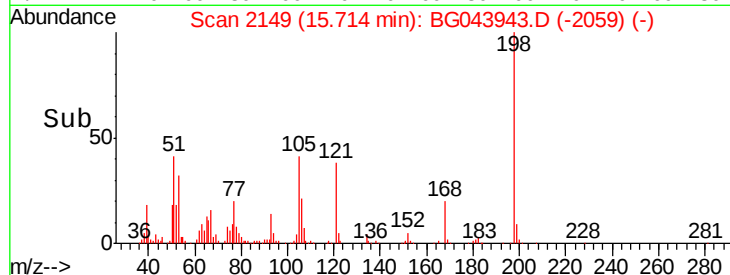
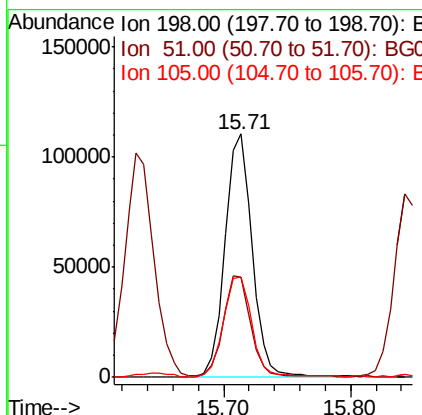
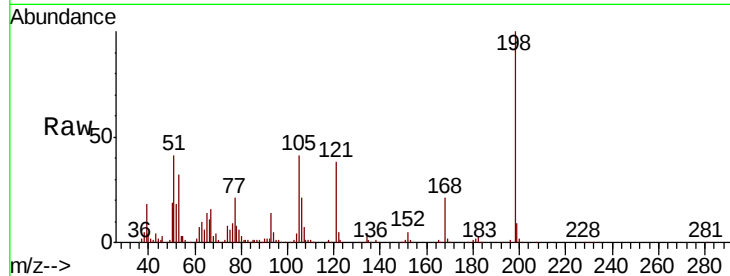
#65
4,6-Dinitro-2-methylphenol
Concen: 45.338 ng
RT: 15.71 min Scan# 2149
Delta R.T. -0.00 min
Lab File: BG043943.D
Acq: 6 Jan 2020 22:49

Instrument :
BNA_G
ClientSampleId :
IDOC-W-02-CG

Tot Ion	Ratio	Resp	Lower	Upper
198	100	163899		
51	41.3		22.5	62.5
105	41.4		22.3	62.3

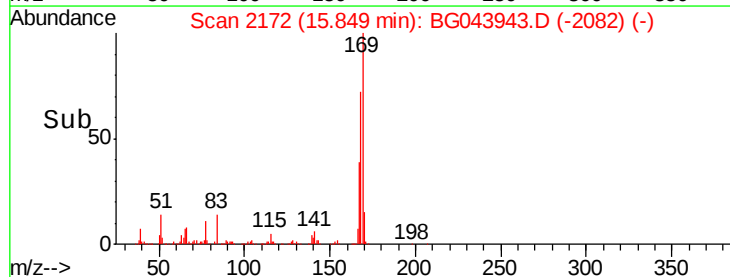
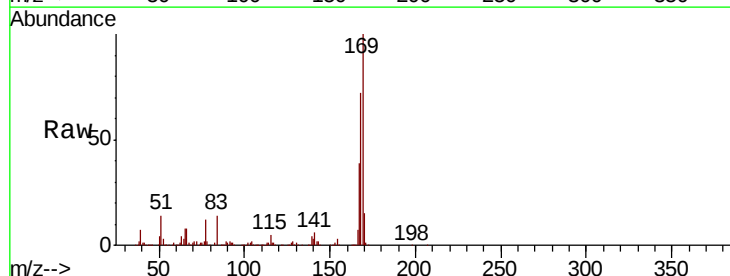
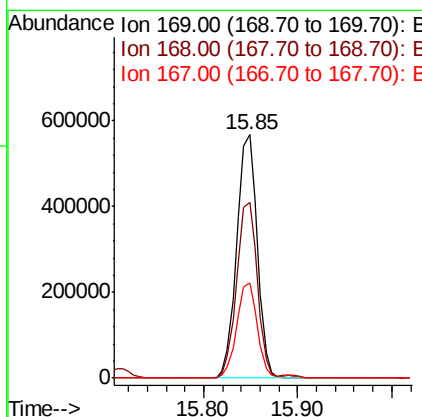
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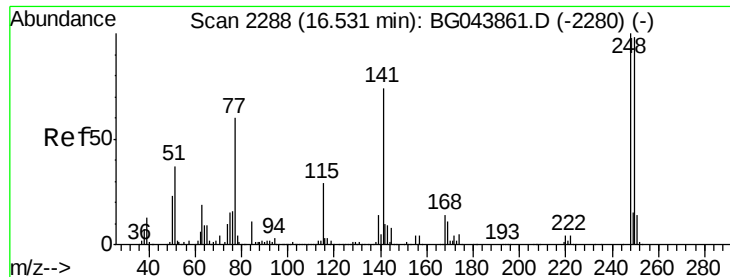
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#66
n-Nitrosodiphenylamine
Concen: 41.568 ng
RT: 15.85 min Scan# 2172
Delta R.T. -0.00 min
Lab File: BG043943.D
Acq: 6 Jan 2020 22:49

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	863998		
168	72.4		59.0	88.6
167	39.3		31.4	47.0





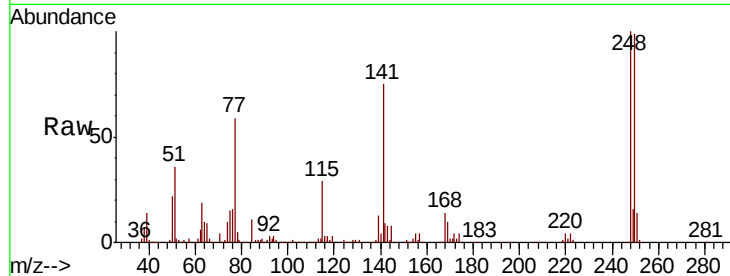
#67
4-Bromophenyl-phenylether
Concen: 39.282 ng
RT: 16.52 min Scan# 2287
Delta R.T. -0.01 min
Lab File: BG043943.D
Acq: 6 Jan 2020 22:49

Instrument :
BNA_G
ClientSampleId :
IDOC-W-02-CG

Tot Ion	Ratio	Lower	Upper
248	100		
250	99.1	78.2	117.2
141	74.8	59.3	88.9

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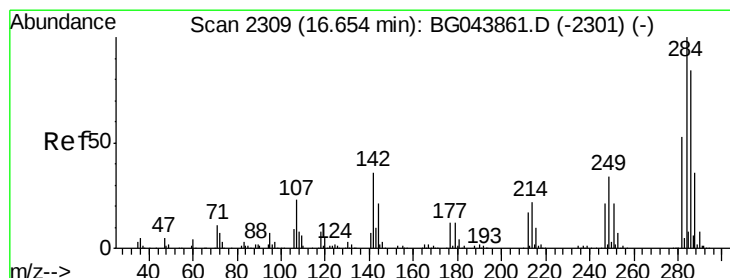
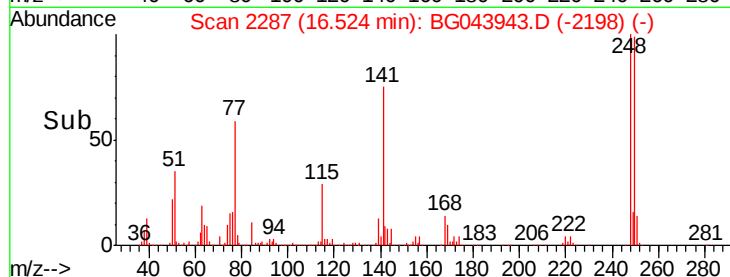
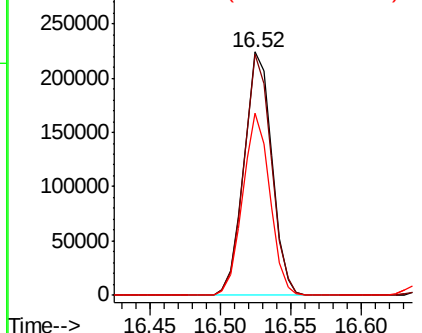


Abundance

Ion 248.00 (247.70 to 248.70): E

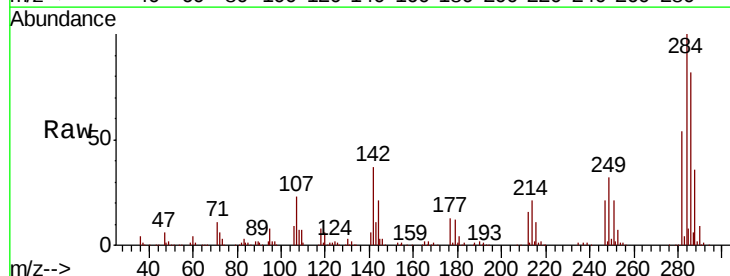
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 38.739 ng
RT: 16.65 min Scan# 2308
Delta R.T. -0.01 min
Lab File: BG043943.D
Acq: 6 Jan 2020 22:49

Tgt Ion	Ratio	Lower	Upper
284	100		
142	37.3	28.6	43.0
249	31.9	27.0	40.6

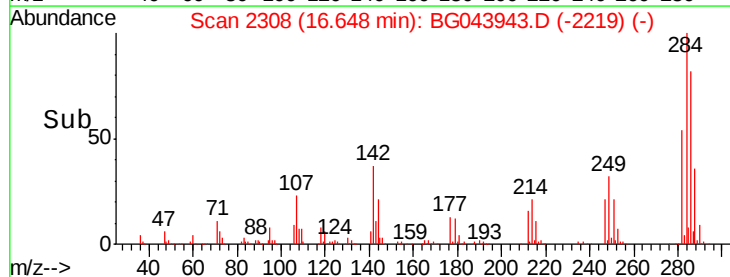
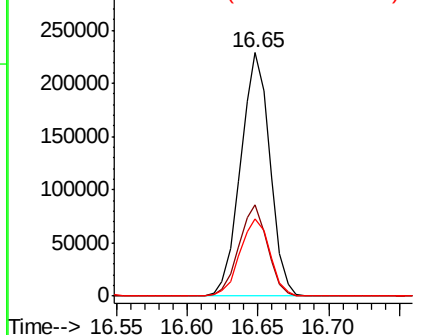


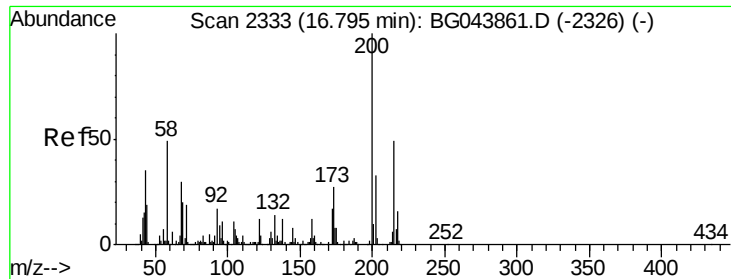
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





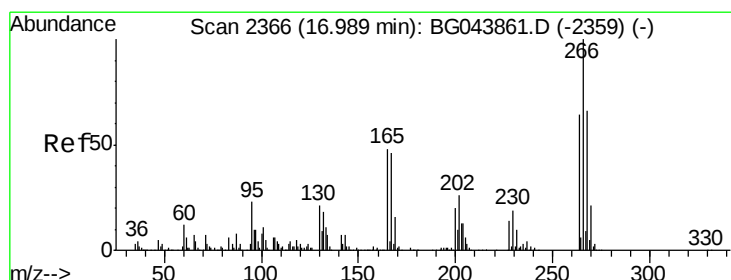
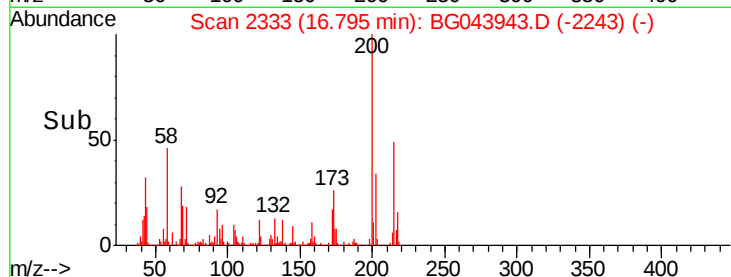
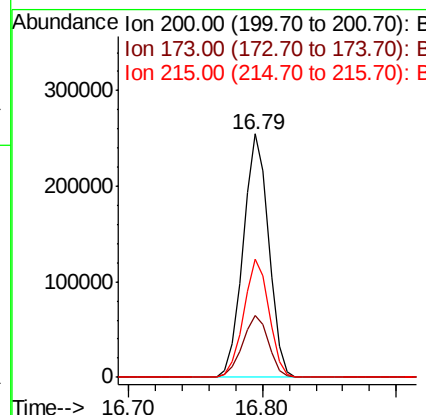
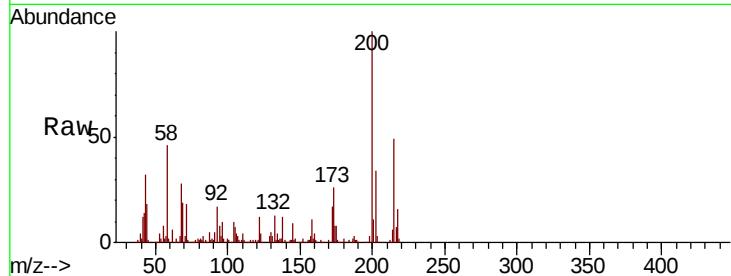
#69
Atrazine
Concen: 49.720 ng
RT: 16.79 min Scan# 2333
Delta R.T. -0.00 min
Lab File: BG043943.D
Acq: 6 Jan 2020 22:49

Instrument :
BNA_G
ClientSampleId :
IDOC-W-02-CG

Tot Ion	Ratio	Lower	Upper
200	100		
173	25.6	6.6	46.6
215	48.6	28.6	68.6

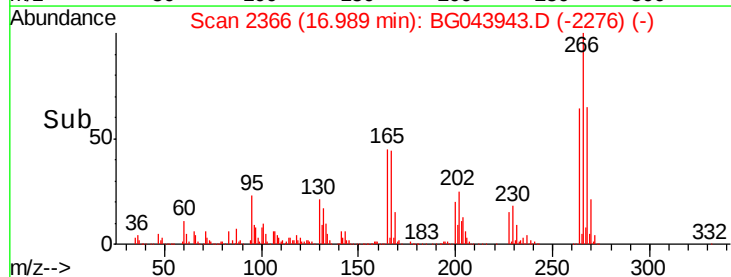
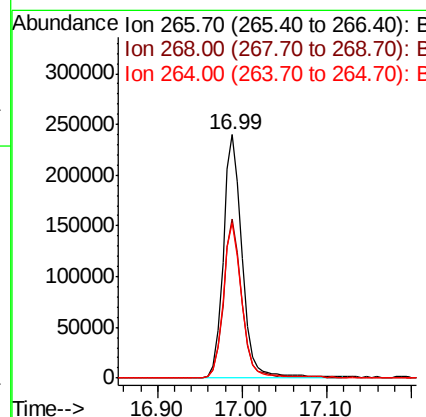
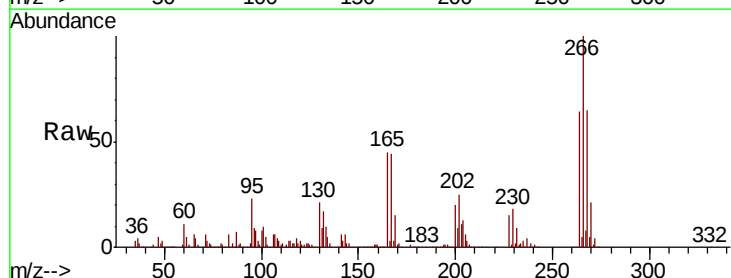
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#70
Pentachlorophenol
Concen: 79.510 ng
RT: 16.99 min Scan# 2366
Delta R.T. -0.00 min
Lab File: BG043943.D
Acq: 6 Jan 2020 22:49

Tgt Ion	Ratio	Lower	Upper
266	100		
268	65.3	52.6	79.0
264	63.7	50.8	76.2





#71

Phenanthrene

Concen: 43.117 ng

RT: 17.38 min Scan# 2432

Delta R.T. -0.01 min

Lab File: BG043943.D

Acq: 6 Jan 2020 22:49

Instrument :

BNA_G

ClientSampleId :

IDOC-W-02-CG

Tot Ion:178 Resp: 1459689

Ion Ratio Lower Upper

178 100

176 23.0 18.6 28.0

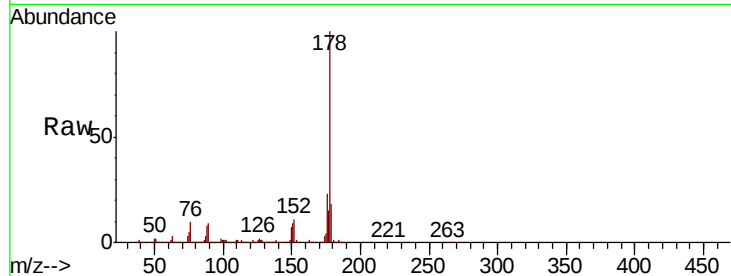
179 17.8 14.4 21.6

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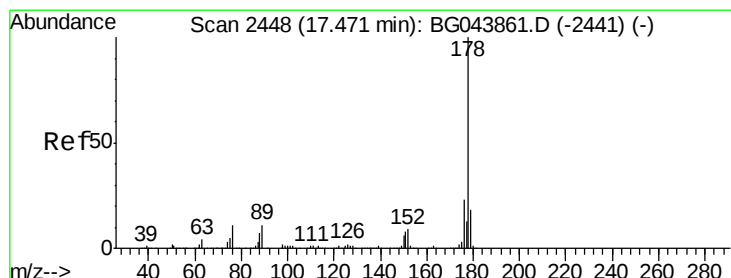
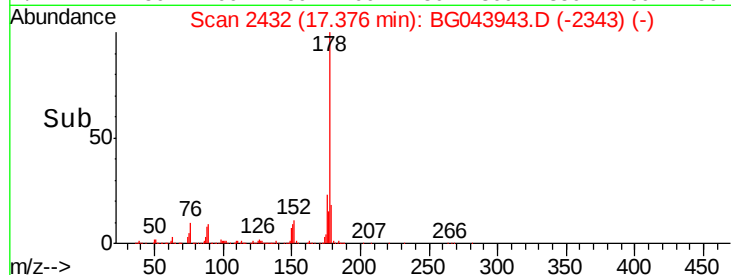
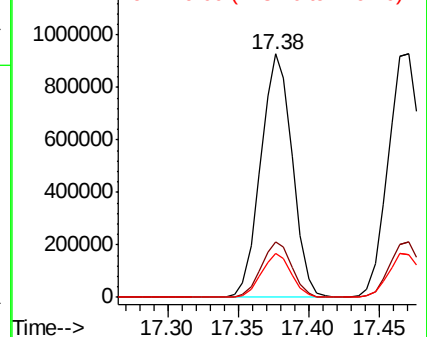


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 45.140 ng

RT: 17.47 min Scan# 2448

Delta R.T. -0.00 min

Lab File: BG043943.D

Acq: 6 Jan 2020 22:49

Tgt Ion:178 Resp: 1510271

Ion Ratio Lower Upper

178 100

176 22.6 18.3 27.5

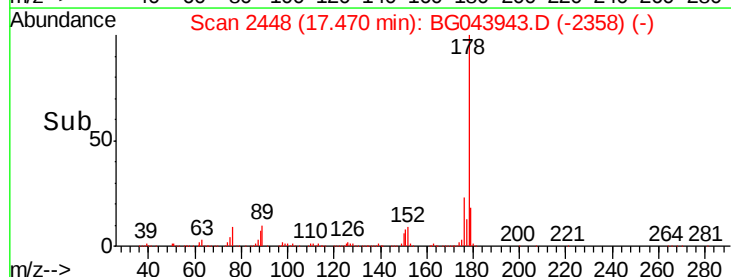
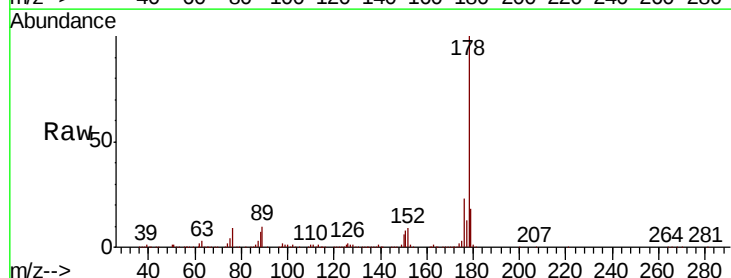
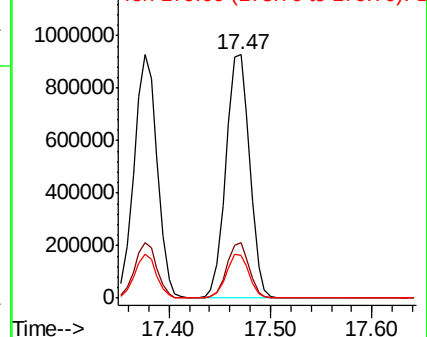
179 17.7 14.6 22.0

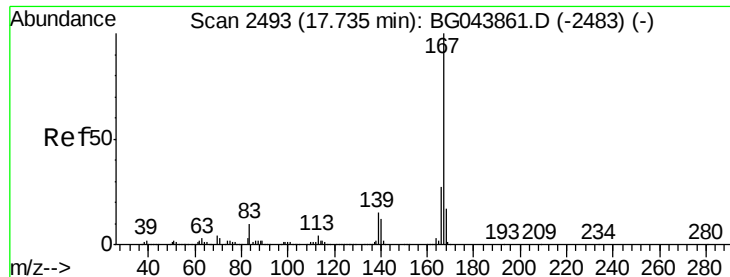
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 44.353 ng

RT: 17.73 min Scan# 2493

Delta R.T. -0.00 min

Lab File: BG043943.D

Acq: 6 Jan 2020 22:49

Instrument :

BNA_G

ClientSampleId :

IDOC-W-02-CG

Tot Ion:167 Resp: 1370742

Ion Ratio Lower Upper

167 100

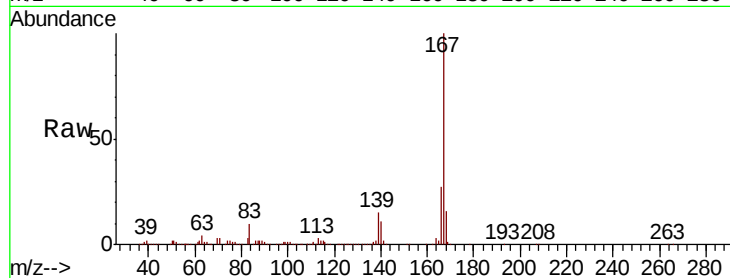
166 26.8 21.6 32.4

139 14.6 12.1 18.1

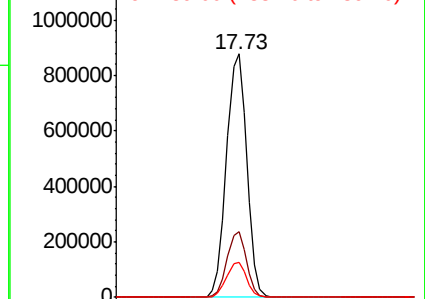
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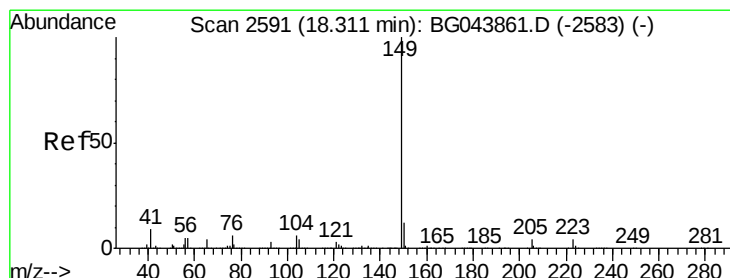
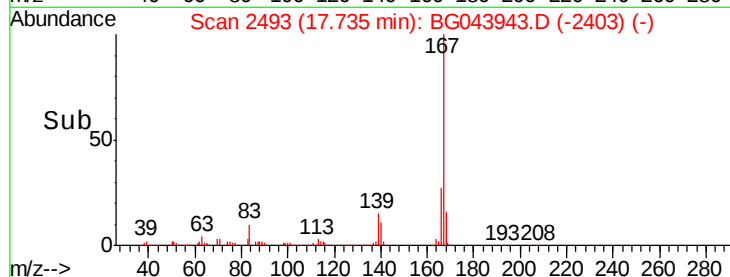
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Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



Time--> 17.60 17.70 17.80 17.90



#74

Di-n-butylphthalate

Concen: 42.525 ng

RT: 18.30 min Scan# 2590

Delta R.T. -0.01 min

Lab File: BG043943.D

Acq: 6 Jan 2020 22:49

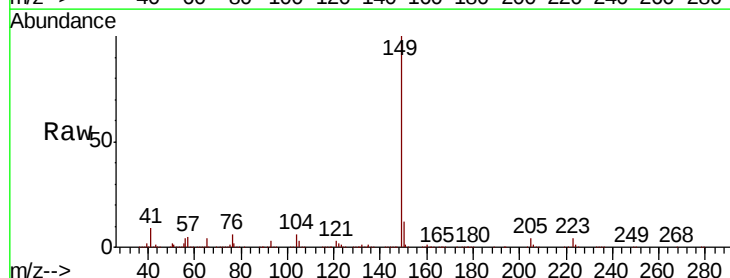
Tgt Ion:149 Resp: 1677972

Ion Ratio Lower Upper

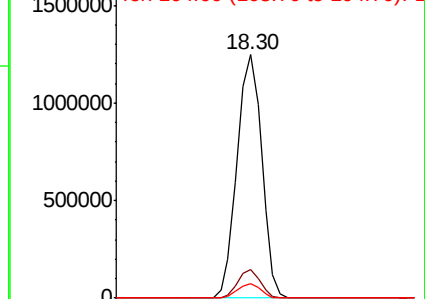
149 100

150 11.6 9.7 14.5

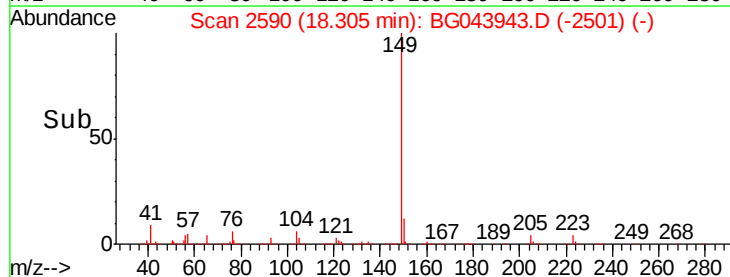
104 6.2 5.0 7.4

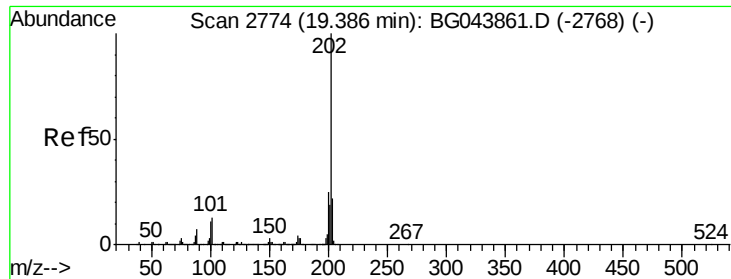


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



Time--> 18.20 18.30 18.40





#75

Fluoranthene

Concen: 43.779 ng

RT: 19.39 min Scan# 2774

Delta R.T. -0.00 min

Lab File: BG043943.D

Acq: 6 Jan 2020 22:49

Instrument :

BNA_G

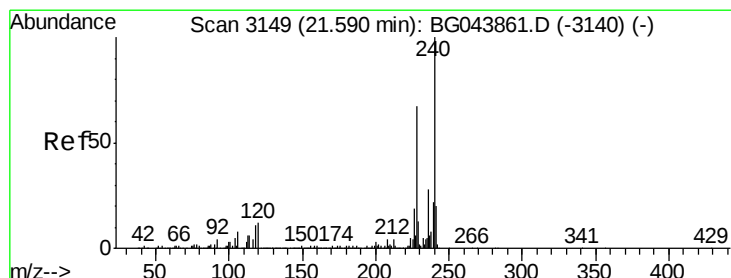
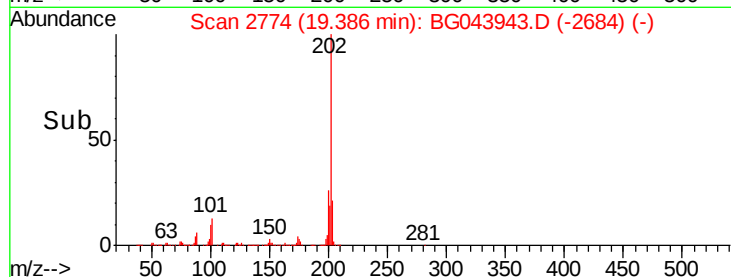
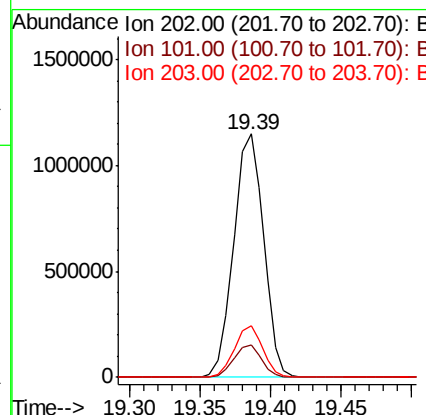
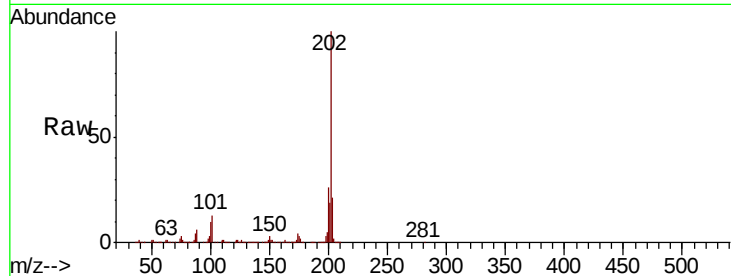
ClientSampleId :

IDOC-W-02-CG

Tot Ion:	202	Resp:	1694985
Ion	Ratio	Lower	Upper
202	100		
101	13.4	0.0	33.3
203	21.4	1.6	41.6

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#76

Chrysene-d12

Concen: 20.000 ng

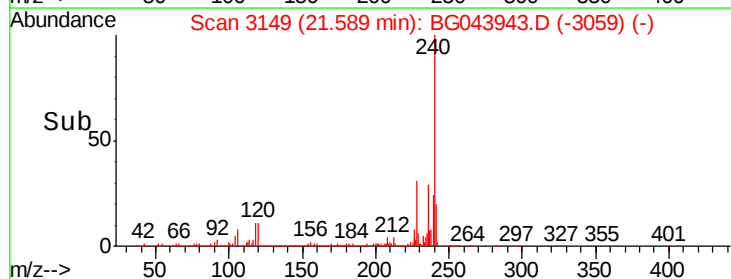
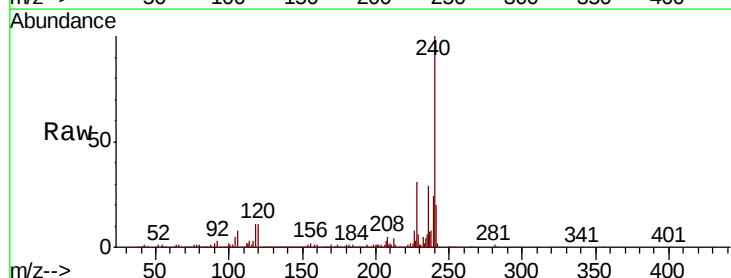
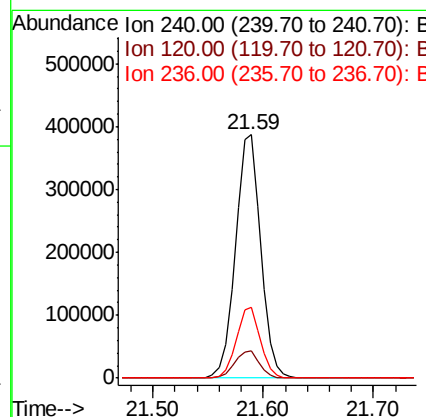
RT: 21.59 min Scan# 3149

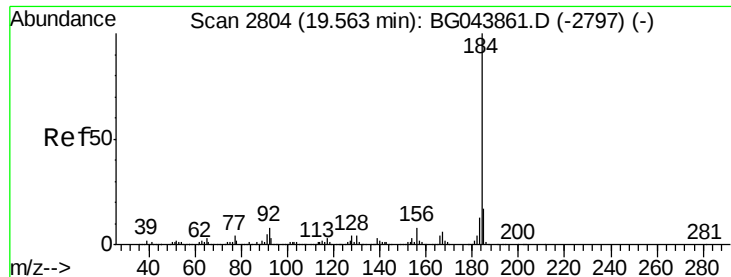
Delta R.T. -0.00 min

Lab File: BG043943.D

Acq: 6 Jan 2020 22:49

Tgt Ion:	240	Resp:	619145
Ion	Ratio	Lower	Upper
240	100		
120	11.3	9.6	14.4
236	28.9	22.2	33.2





#77

Benzidine

Concen: 54.943 ng

RT: 19.56 min Scan# 2804

Delta R.T. -0.00 min

Lab File: BG043943.D

Acq: 6 Jan 2020 22:49

Instrument :

BNA_G

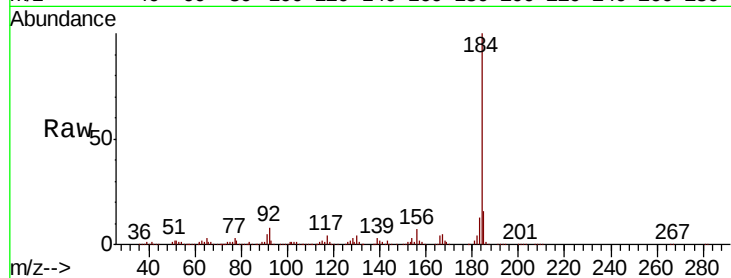
ClientSampleId :

IDOC-W-02-CG

Tot Ion:	184	Resp:	855058
Ion Ratio	Lower	Upper	
184	100		
185	15.7	13.4	20.0
183	13.2	10.6	15.8

Manual Integrations
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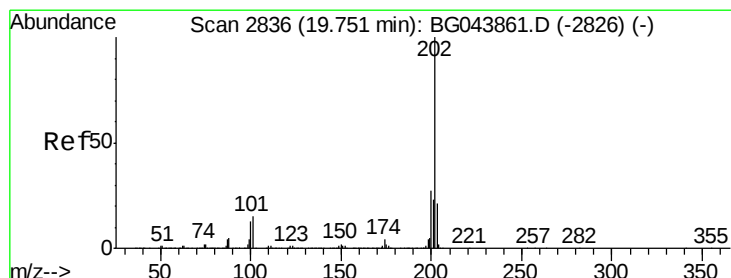
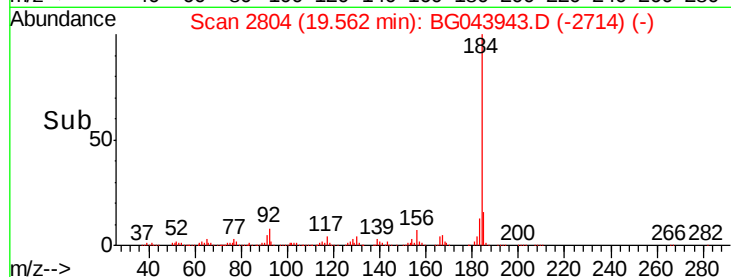
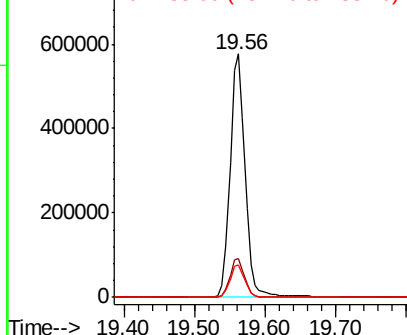


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 42.141 ng

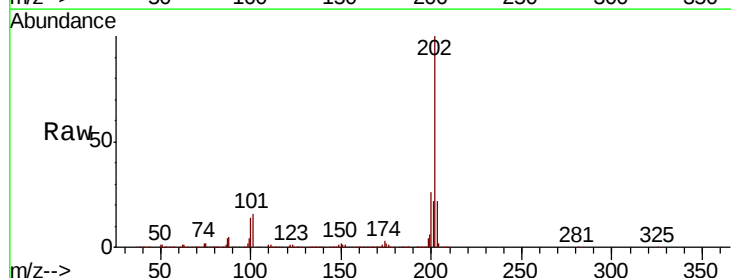
RT: 19.74 min Scan# 2835

Delta R.T. -0.01 min

Lab File: BG043943.D

Acq: 6 Jan 2020 22:49

Tgt Ion:	202	Resp:	1703077
Ion Ratio	Lower	Upper	
202	100		
200	26.3	21.7	32.5
203	21.5	17.0	25.6

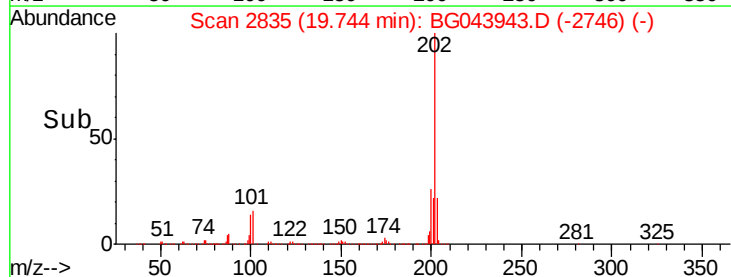
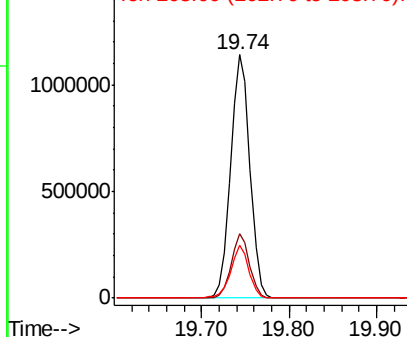


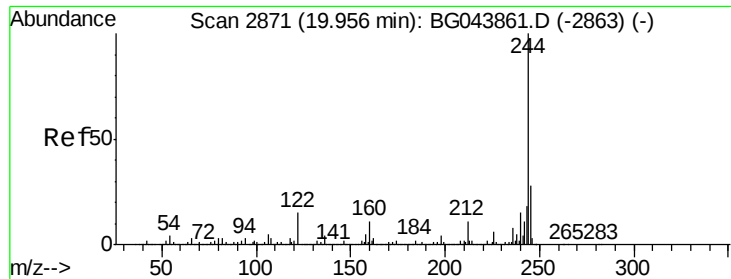
Abundance

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: 82.753 ng

RT: 19.95 min Scan# 2870

Delta R.T. -0.01 min

Lab File: BG043943.D

Acq: 6 Jan 2020 22:49

Instrument :

BNA_G

ClientSampleId :

IDOC-W-02-CG

Tot Ion:244 Resp: 2140052

Ion Ratio Lower Upper

244 100

212 10.5 8.6 13.0

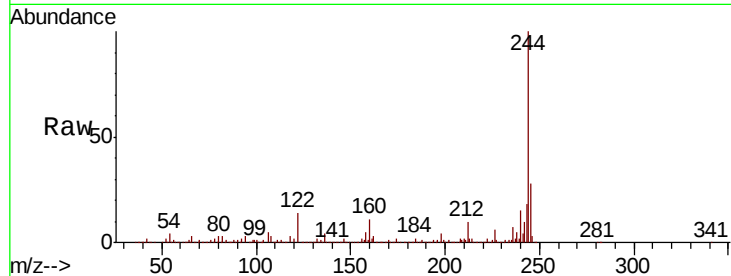
122 14.3 11.9 17.9

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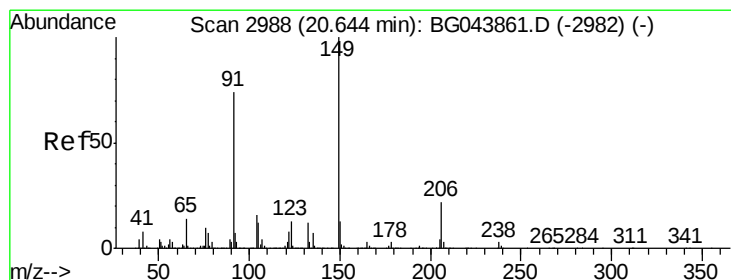
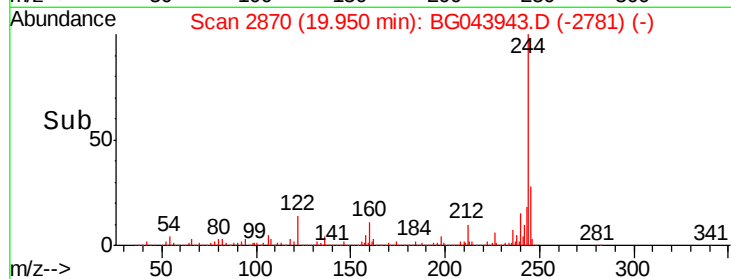
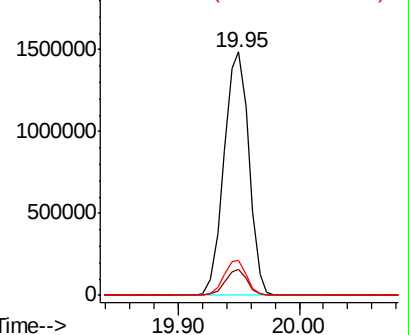
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 41.868 ng

RT: 20.64 min Scan# 2987

Delta R.T. -0.01 min

Lab File: BG043943.D

Acq: 6 Jan 2020 22:49

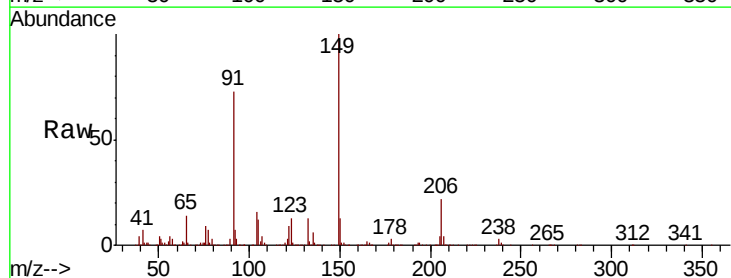
Tgt Ion:149 Resp: 805566

Ion Ratio Lower Upper

149 100

91 73.0 59.5 89.3

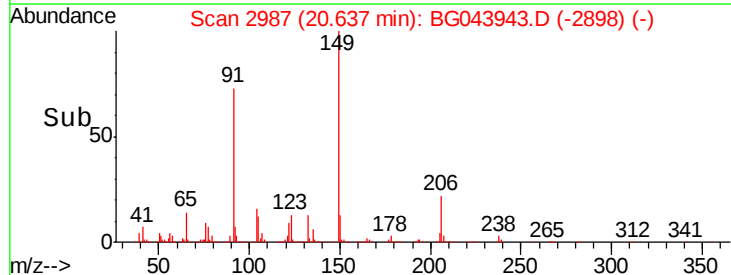
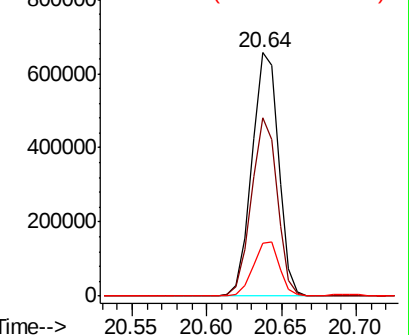
206 21.6 17.8 26.6

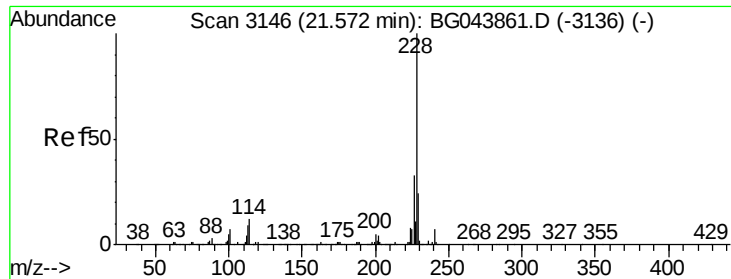


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





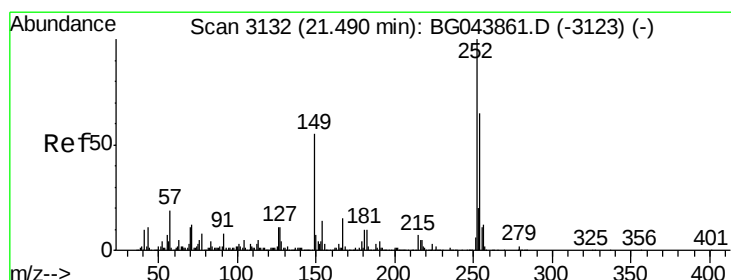
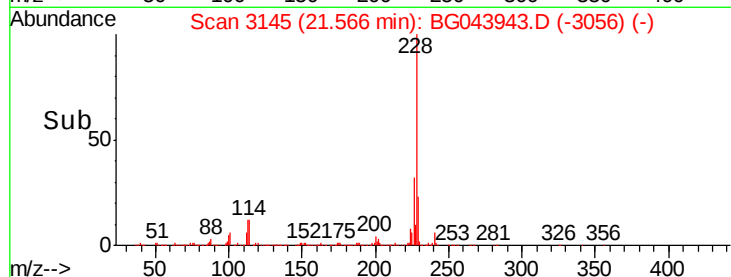
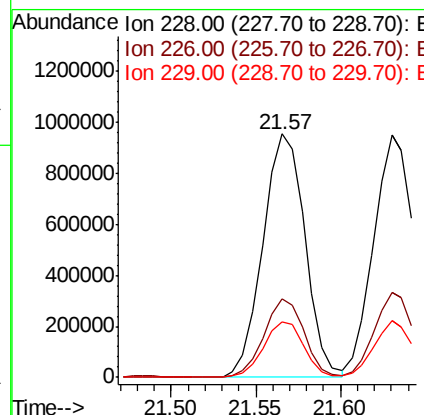
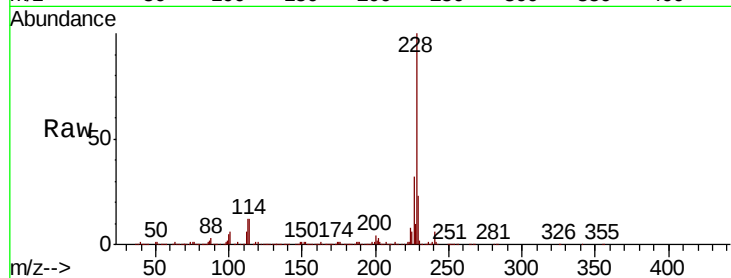
#81
Benzo(a)anthracene
Concen: 43.145 ng
RT: 21.57 min Scan# 3145
Delta R.T. -0.01 min
Lab File: BG043943.D
Acq: 6 Jan 2020 22:49

Instrument :
BNA_G
ClientSampleId :
IDOC-W-02-CG

Tot Ion	Ratio	Lower	Upper
228	100		
226	32.2	26.2	39.4
229	22.7	18.9	28.3

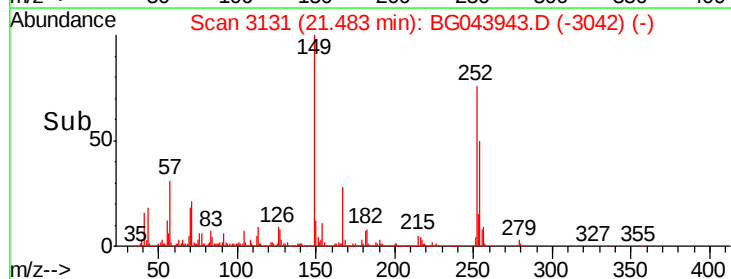
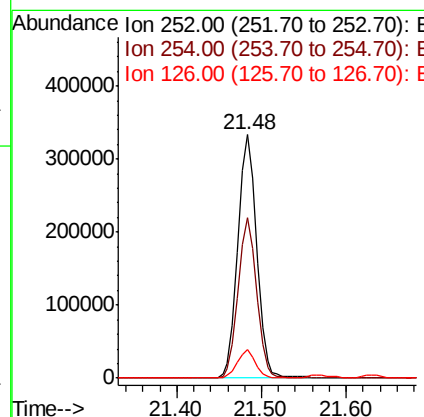
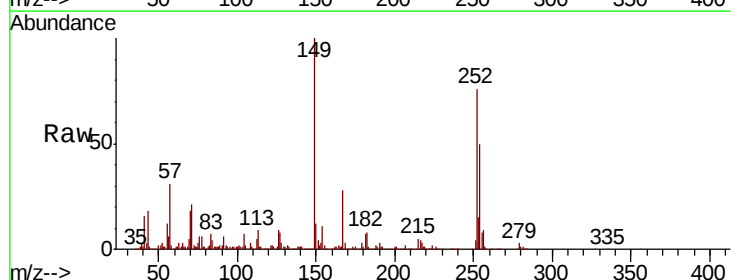
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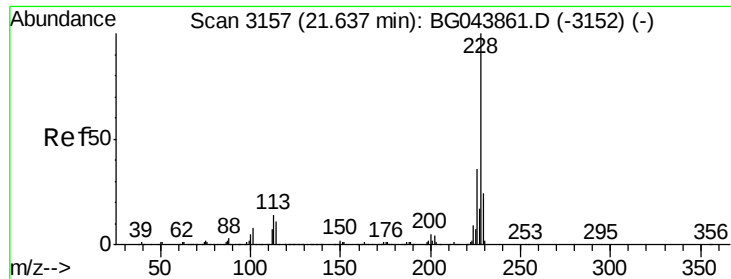
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#82
3,3'-Dichlorobenzidine
Concen: 33.515 ng
RT: 21.48 min Scan# 3131
Delta R.T. -0.01 min
Lab File: BG043943.D
Acq: 6 Jan 2020 22:49

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.6	52.1	78.1
126	11.6	9.1	13.7





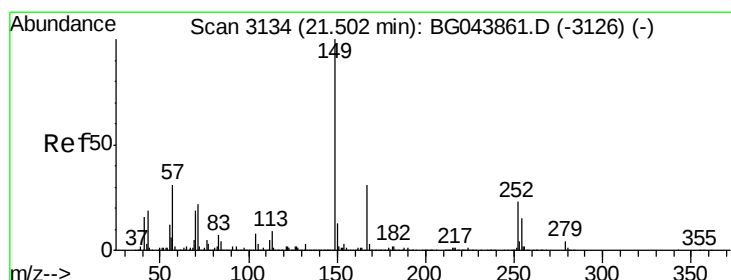
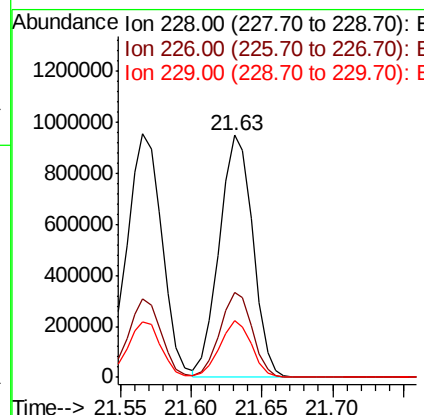
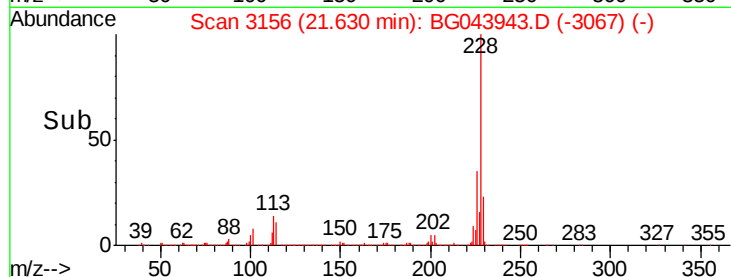
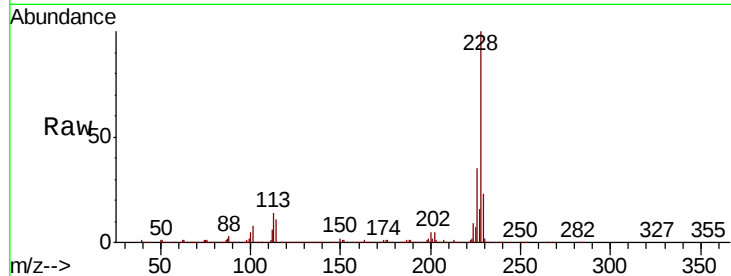
#83
Chrysene
Concen: 42.761 ng
RT: 21.63 min Scan# 3156
Delta R.T. -0.01 min
Lab File: BG043943.D
Acq: 6 Jan 2020 22:49

Instrument :
BNA_G
ClientSampleId :
IDOC-W-02-CG

Tot Ion:228 Resp: 1559884
Ion Ratio Lower Upper
228 100
226 35.2 28.8 43.2
229 23.4 19.0 28.6

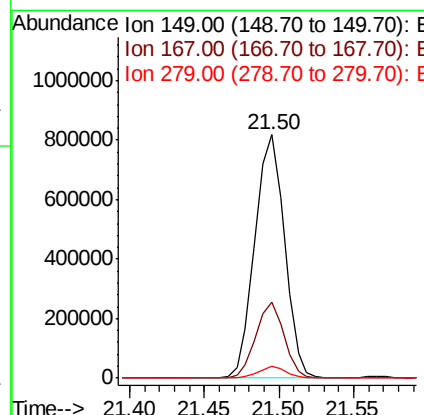
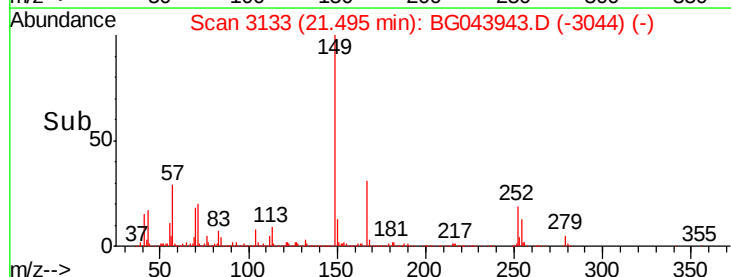
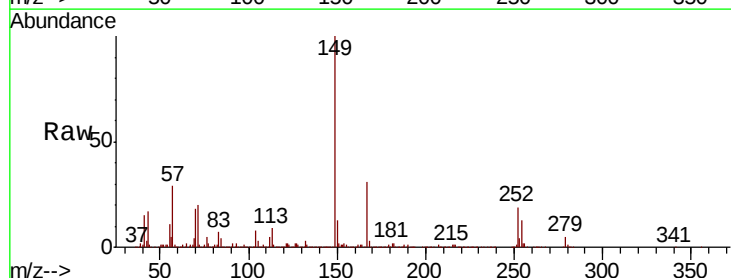
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#84
Bis(2-ethylhexyl)phthalate
Concen: 42.198 ng
RT: 21.50 min Scan# 3133
Delta R.T. -0.01 min
Lab File: BG043943.D
Acq: 6 Jan 2020 22:49

Tgt Ion:149 Resp: 1120301
Ion Ratio Lower Upper
149 100
167 31.1 24.7 37.1
279 4.7 3.3 4.9





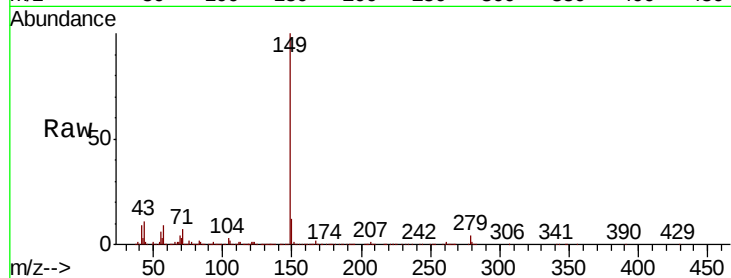
#85
Di-n-octyl phthalate
Concen: 43.499 ng
RT: 22.68 min Scan# 3334
Delta R.T. -0.01 min
Lab File: BG043943.D
Acq: 6 Jan 2020 22:49

Instrument :
BNA_G
ClientSampleId :
IDOC-W-02-CG

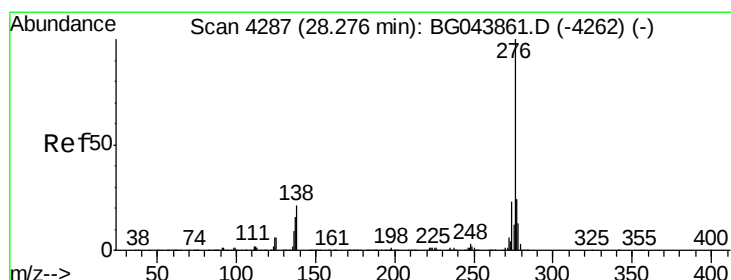
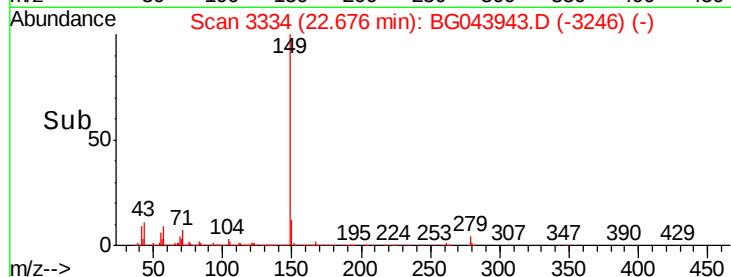
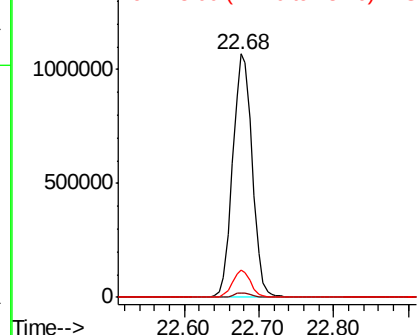
Tot Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.4	2.0
43	10.4	8.8	13.2

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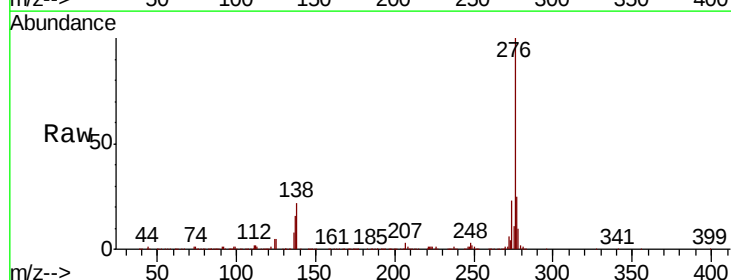


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BGC

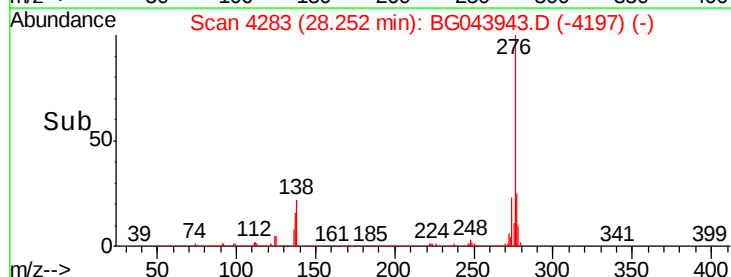
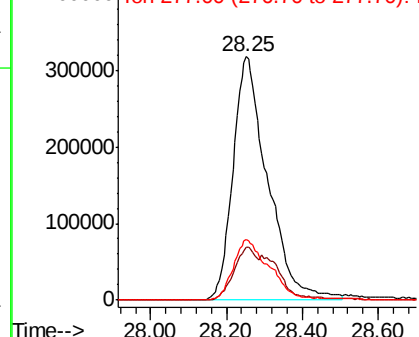


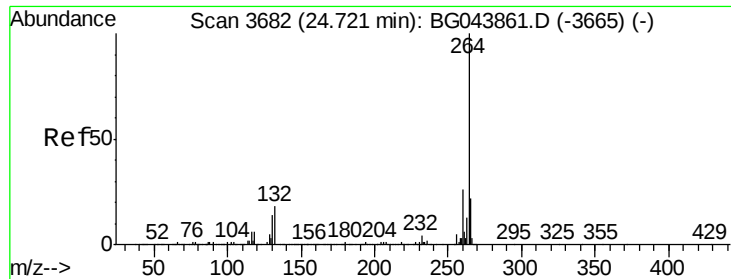
#86
Indeno(1,2,3-cd)pyrene
Concen: 40.822 ng
RT: 28.25 min Scan# 4283
Delta R.T. -0.02 min
Lab File: BG043943.D
Acq: 6 Jan 2020 22:49

Tgt Ion	Ratio	Lower	Upper
276	100		
138	14.8	21.0	31.4#
277	25.8	21.1	31.7



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





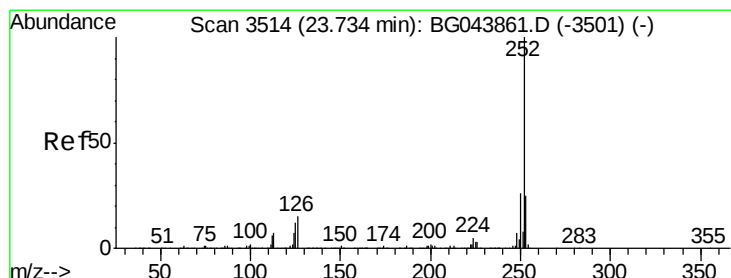
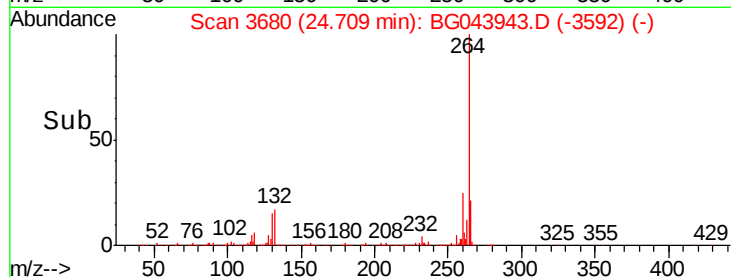
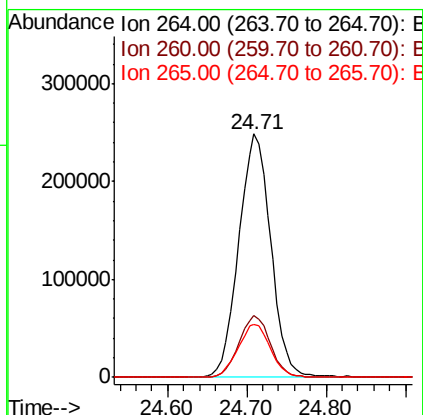
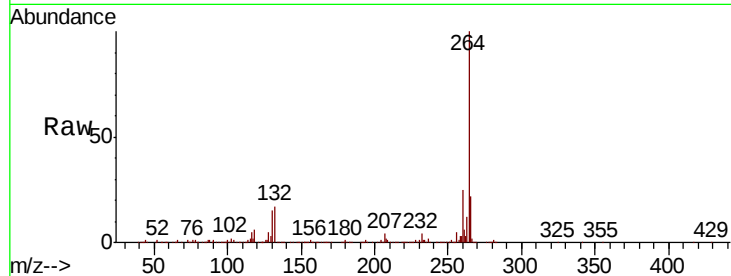
#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.71 min Scan# 3680
Delta R.T. -0.01 min
Lab File: BG043943.D
Acq: 6 Jan 2020 22:49

Instrument :
BNA_G
ClientSampleId :
IDOC-W-02-CG

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.3	20.4	30.6
265	21.6	17.4	26.2

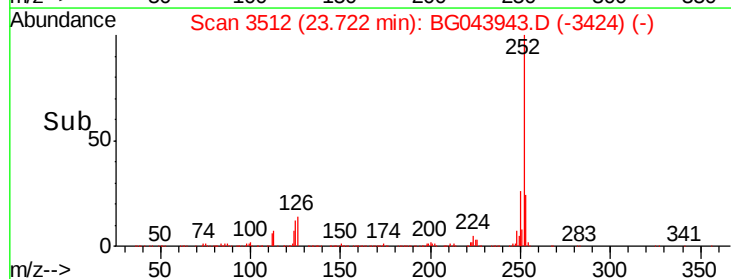
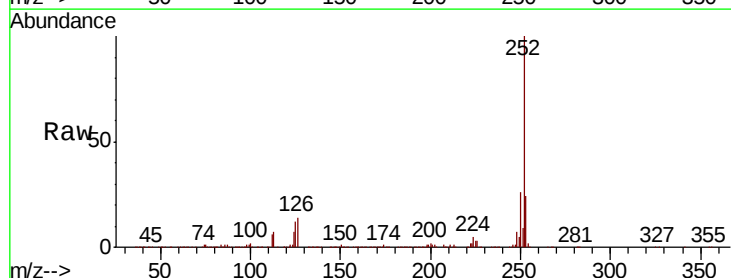
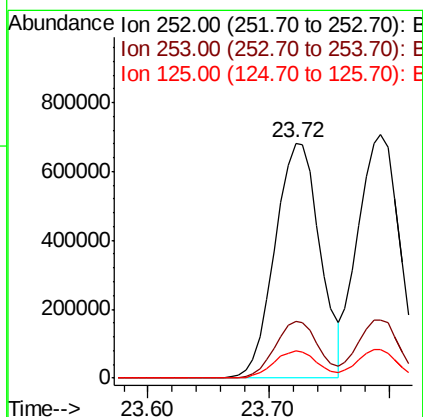
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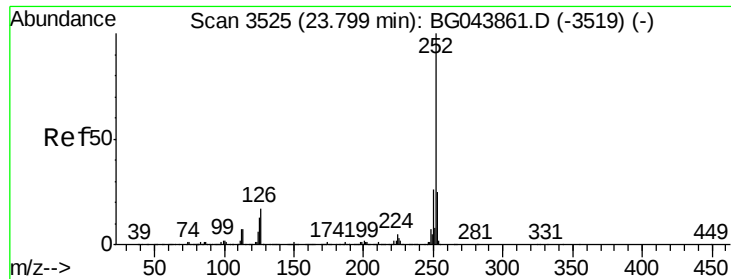
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#88
Benzo(b)fluoranthene
Concen: 42.823 ng
RT: 23.72 min Scan# 3512
Delta R.T. -0.01 min
Lab File: BG043943.D
Acq: 6 Jan 2020 22:49

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.0	19.7	29.5
125	11.7	9.4	14.2





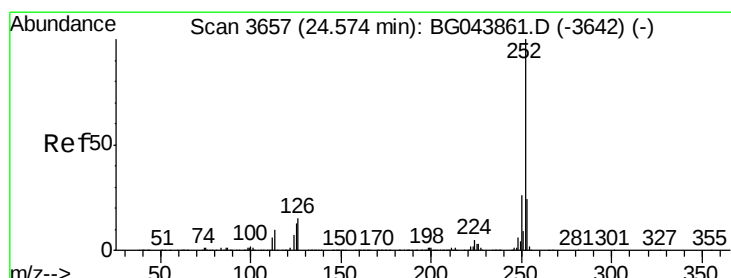
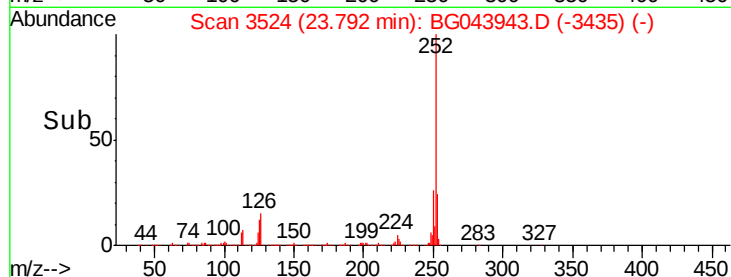
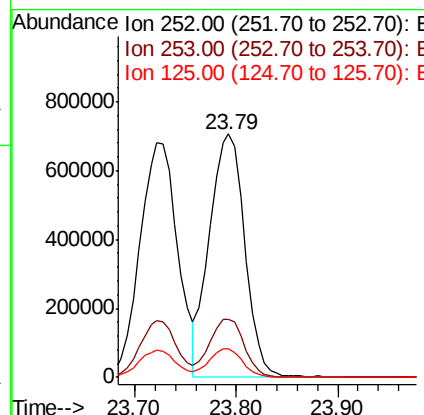
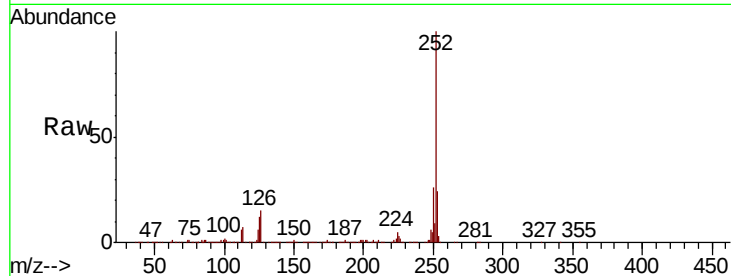
#89
Benzo(k)fluoranthene
Concen: 43.410 ng
RT: 23.79 min Scan# 3524
Delta R.T. -0.01 min
Lab File: BG043943.D
Acq: 6 Jan 2020 22:49

Instrument :
BNA_G
ClientSampleId :
IDOC-W-02-CG

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.9	19.4	29.2
125	11.6	9.9	14.9

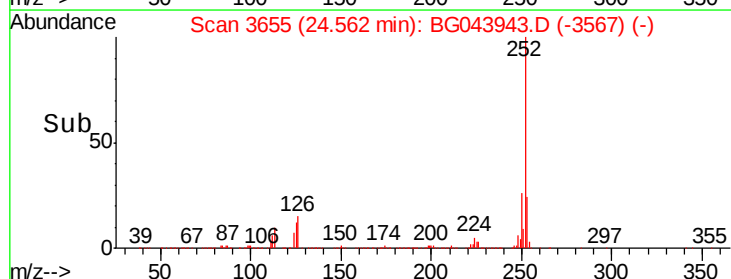
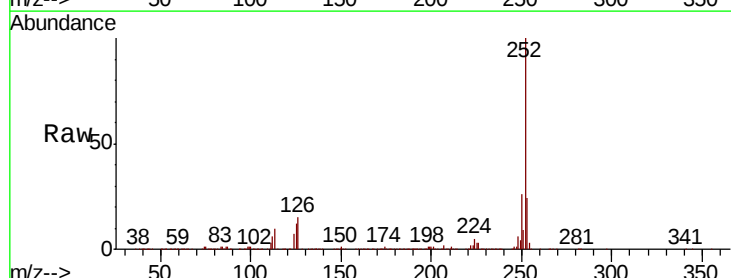
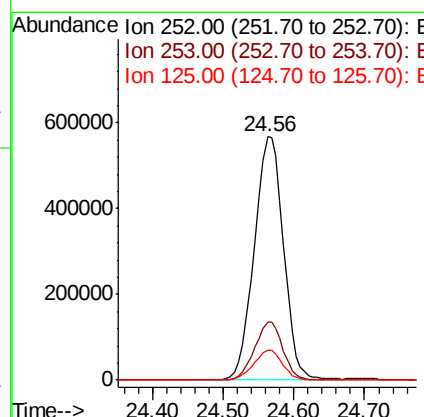
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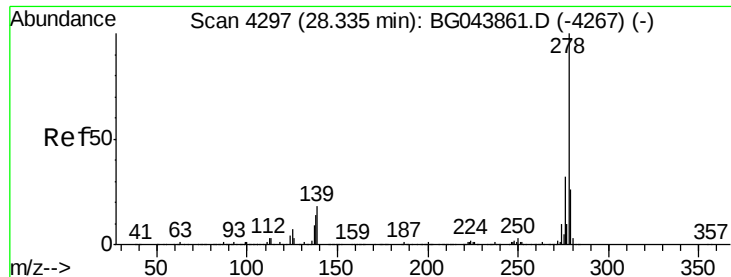
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#90
Benzo(a)pyrene
Concen: 42.306 ng
RT: 24.56 min Scan# 3655
Delta R.T. -0.01 min
Lab File: BG043943.D
Acq: 6 Jan 2020 22:49

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.6	19.3	28.9
125	12.5	10.4	15.6





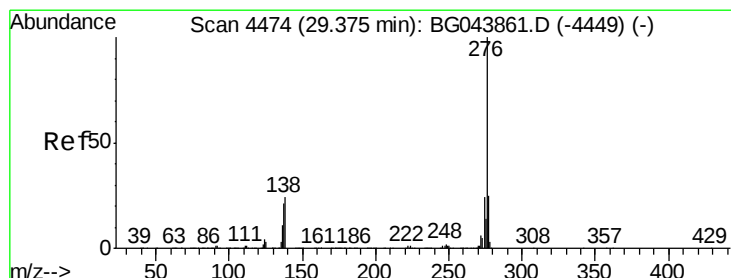
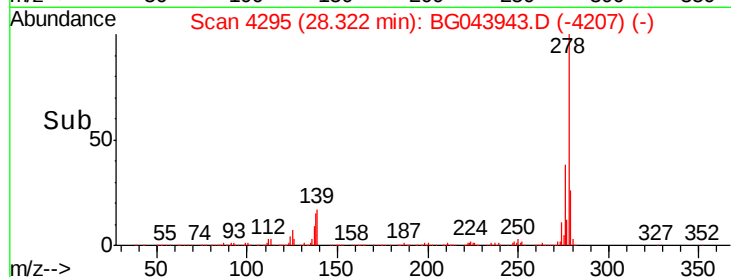
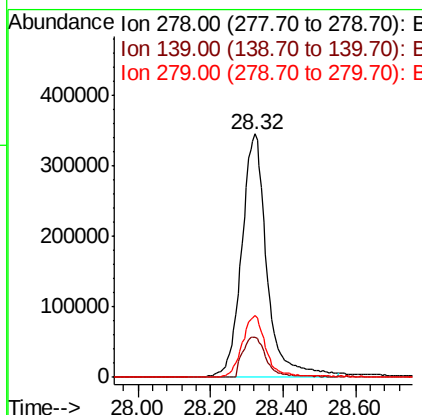
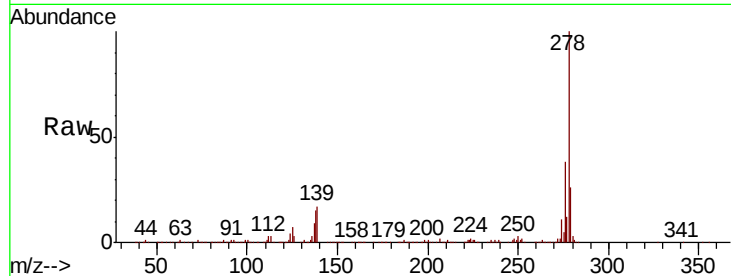
#91
Dibenzo(a,h)anthracene
Concen: 42.904 ng
RT: 28.32 min Scan# 4295
Delta R.T. -0.01 min
Lab File: BG043943.D
Acq: 6 Jan 2020 22:49

Instrument :
BNA_G
ClientSampleId :
IDOC-W-02-CG

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.7	14.2	21.4
279	25.6	20.6	30.8

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 43.010 ng
RT: 29.36 min Scan# 4472
Delta R.T. -0.01 min
Lab File: BG043943.D
Acq: 6 Jan 2020 22:49

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.6	20.2	30.4
138	22.9	19.0	28.6

