

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010720\
 Data File : BG043961.D
 Acq On : 7 Jan 2020 19:32
 Operator : JU
 Sample : L1039-01MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 301-305MSD

Manual Integrations
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 1/8/2020 4:26:15 PM

Quant Time: Jan 08 02:54:08 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	172630	20.00	ng	0.00
21) Naphthalene-d8	10.76	136	714468	20.00	ng	0.00
39) Acenaphthene-d10	14.59	164	428895	20.00	ng	0.00
64) Phenanthrene-d10	17.34	188	770450	20.00	ng	0.00
76) Chrysene-d12	21.59	240	648869	20.00	ng	0.00
87) Perylene-d12	24.73	264	759676	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.54	112	675915	71.89	ng	0.00
7) Phenol-d6	7.13	99	925231	70.40	ng	0.00
23) Nitrobenzene-d5	9.12	82	546992	40.96	ng	0.00
42) 2,4,6-Tribromophenol	16.08	330	282775	63.00	ng	0.00
45) 2-Fluorobiphenyl	13.22	172	1142296	48.25	ng	0.00
79) Terphenyl-d14	19.95	244	1349908	42.41	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.44	88	141311	34.471	ng	99
3) Pyridine	3.83	79	376606	31.098	ng	95
4) n-Nitrosodimethylamine	3.74	42	193241	35.840	ng	98
6) Aniline	7.29	93	321014	18.597	ng	99
8) 2-Chlorophenol	7.53	128	460700	41.739	ng	100
9) Benzaldehyde	7.10	77	275737	32.782	ng	98
10) Phenol	7.16	94	578069	42.692	ng	100
11) bis(2-Chloroethyl)ether	7.39	93	447953	38.325	ng	98
12) 1,3-Dichlorobenzene	7.86	146	503494	38.981	ng	99
13) 1,4-Dichlorobenzene	8.00	146	501636	39.362	ng	99
14) 1,2-Dichlorobenzene	8.32	146	479634	39.210	ng	99
15) Benzyl Alcohol	8.20	79	391976	37.791	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.49	45	644102	35.619	ng	99
17) 2-Methylphenol	8.41	107	392758	40.082	ng	99
18) Hexachloroethane	9.05	117	192216	38.761	ng	100
19) n-Nitroso-di-n-propylamine	8.77	70	343464	35.093	ng	98
20) 3+4-Methylphenols	8.74	107	543089	39.730	ng	99
22) Acetophenone	8.78	105	636090	35.811	ng	# 98
24) Nitrobenzene	9.16	77	495806	37.482	ng	99
25) Isophorone	9.69	82	925388	36.932	ng	100
26) 2-Nitrophenol	9.88	139	267570	42.755	ng	97
27) 2,4-Dimethylphenol	9.94	122	420270	44.612	ng	98
28) bis(2-Chloroethoxy)methane	10.17	93	577834	34.591	ng	100
29) 2,4-Dichlorophenol	10.42	162	439141	39.080	ng	100
30) 1,2,4-Trichlorobenzene	10.63	180	471972	37.460	ng	98
31) Naphthalene	10.82	128	1347182	38.965	ng	99
32) Benzoic acid	10.09	122	250777	34.686	ng	97
33) 4-Chloroaniline	10.92	127	224970	13.642	ng	98
34) Hexachlorobutadiene	11.11	225	276218	35.906	ng	98
35) Caprolactam	11.69	113	159430m	38.112	ng	
36) 4-Chloro-3-methylphenol	12.05	107	459499	38.412	ng	99
37) 2-Methylnaphthalene	12.42	142	988967	37.994	ng	98
38) 1-Methylnaphthalene	12.64	142	932604	37.803	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.79	216	474539	37.749	ng	100

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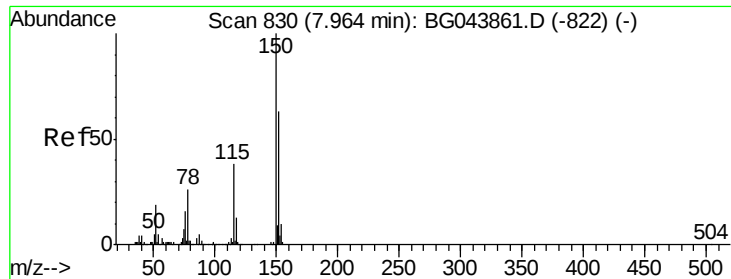
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Quant Time: Jan 08 02:54:08 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 31 13:32:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.78	237	295566	45.351	nq	99
43) 2,4,6-Trichlorophenol	13.03	196	343440	39.705	nq	97
44) 2,4,5-Trichlorophenol	13.10	196	361528	40.524	nq	99
46) 1,1'-Biphenyl	13.43	154	1194055	38.830	nq	98
47) 2-Chloronaphthalene	13.47	162	943687	37.977	nq	100
48) 2-Nitroaniline	13.67	65	288231	36.060	nq	98
49) Acenaphthylene	14.32	152	1425485	39.912	nq	99
50) Dimethylphthalate	14.05	163	1172925	38.516	nq	100
51) 2,6-Dinitrotoluene	14.16	165	263389	38.266	nq	99
52) Acenaphthene	14.66	154	962502	38.428	nq	98
53) 3-Nitroaniline	14.49	138	193392	24.742	nq	99
54) 2,4-Dinitrophenol	14.69	184	121597	37.783	nq	98
55) Dibenzofuran	14.99	168	1329213	38.551	nq	98
56) 4-Nitrophenol	14.81	139	490629	81.911	nq	97
57) 2,4-Dinitrotoluene	14.95	165	348435	37.203	nq	98
58) Fluorene	15.65	166	1018532	37.270	nq	100
59) 2,3,4,6-Tetrachlorophenol	15.22	232	288566	37.616	nq	99
60) Diethylphthalate	15.42	149	1100657	36.135	nq	100
61) 4-Chlorophenyl-phenylether	15.63	204	532545	35.887	nq	99
62) 4-Nitroaniline	15.65	138	218011	28.244	nq	96
63) Azobenzene	15.93	77	1047134	37.070	nq	99
65) 4,6-Dinitro-2-methylphenol	15.72	198	92268	25.508	nq	94
66) n-Nitrosodiphenylamine	15.85	169	949839	41.864	nq	99
67) 4-Bromophenyl-phenylether	16.53	248	322096	37.171	nq	99
68) Hexachlorobenzene	16.66	284	342651	36.698	nq	99
69) Atrazine	16.80	200	345615	46.863	nq	96
70) Pentachlorophenol	17.00	266	418376	81.285	nq	100
71) Phenanthrene	17.39	178	1681091	45.491	nq	98
72) Anthracene	17.47	178	1547740	42.379	nq	98
73) Carbazole	17.74	167	1366605	40.509	nq	99
74) Di-n-butylphthalate	18.31	149	1614885	37.492	nq	99
75) Fluoranthene	19.39	202	1677365	39.689	nq	98
77) Benzidine	19.56	184	774928	47.513	nq	97
78) Pyrene	19.75	202	1768401	41.753	nq	98
80) Butylbenzylphthalate	20.65	149	795947	39.473	nq	98
81) Benzo(a)anthracene	21.57	228	1654303	41.117	nq	99
82) 3,3'-Dichlorobenzidine	21.49	252	288947	18.178	nq	100
83) Chrysene	21.64	228	1586553	41.500	nq	100
84) Bis(2-ethylhexyl)phthalate	21.50	149	1144327	41.129	nq	100
85) Di-n-octyl phthalate	22.68	149	1941704	41.512	nq	100
86) Indeno(1,2,3-cd)pyrene	28.27	276	1990174	38.305	nq	# 89
88) Benzo(b)fluoranthene	23.74	252	1748326	38.929	nq	99
89) Benzo(k)fluoranthene	23.80	252	1649018	38.613	nq	99
90) Benzo(a)pyrene	24.58	252	1612092	38.032	nq	98
91) Dibenzo(a,h)anthracene	28.34	278	1658032	38.949	nq	99
92) Benzo(g,h,i)perylene	29.38	276	1512084	35.760	nq	99

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



#1

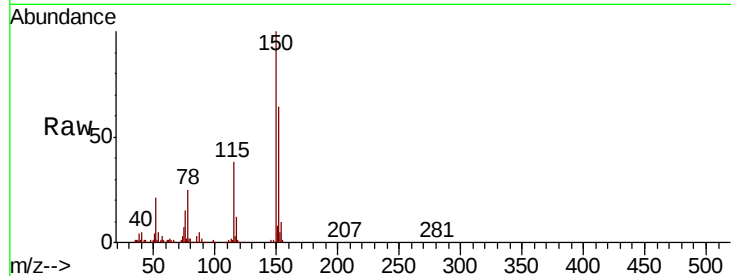
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.96 min Scan# 829
Delta R.T. -0.00 min
Lab File: BG043961.D
Acq: 7 Jan 2020 19:32

Instrument :
BNA_G
ClientSampleId :
301-305MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.3	127.0	190.4
115	59.4	47.8	71.8

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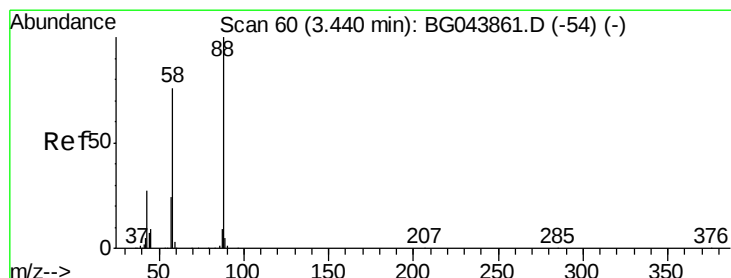
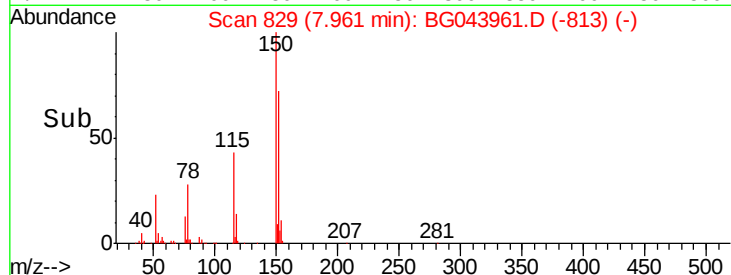
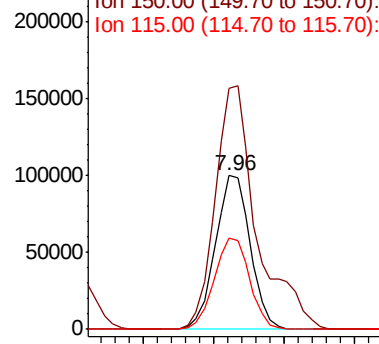


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

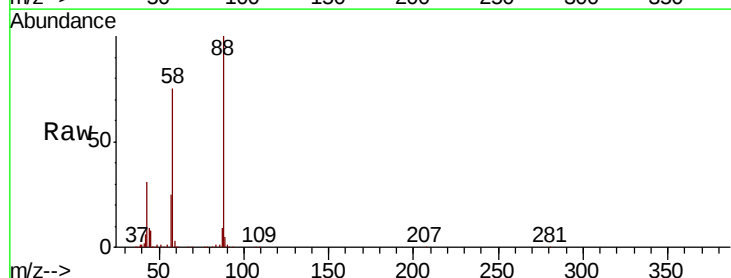
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 34.471 ng
RT: 3.44 min Scan# 59
Delta R.T. -0.00 min
Lab File: BG043961.D
Acq: 7 Jan 2020 19:32

Tgt Ion	Ratio	Lower	Upper
88	100		
58	76.4	59.8	89.8
43	28.8	22.9	34.3

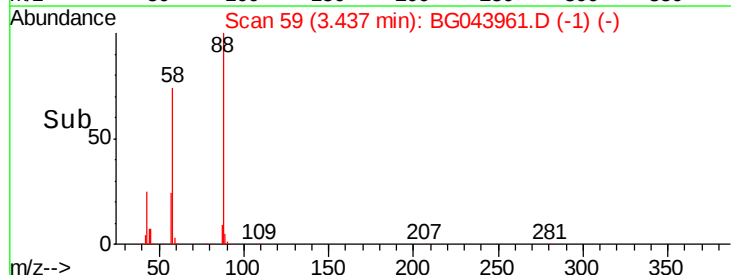
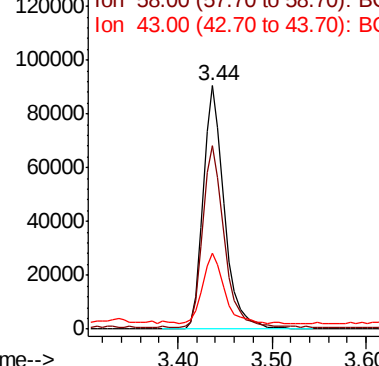


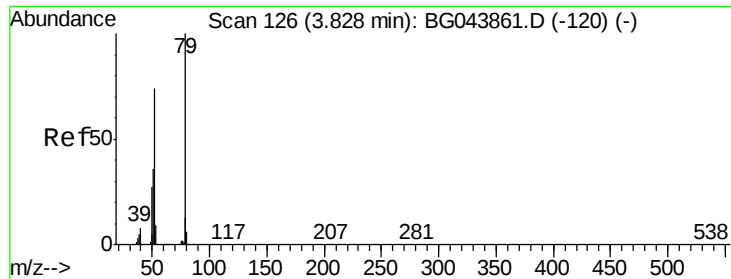
Abundance

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: 31.098 ng

RT: 3.83 min Scan# 126

Delta R.T. 0.00 min

Lab File: BG043961.D

Acq: 7 Jan 2020 19:32

Instrument :

BNA_G

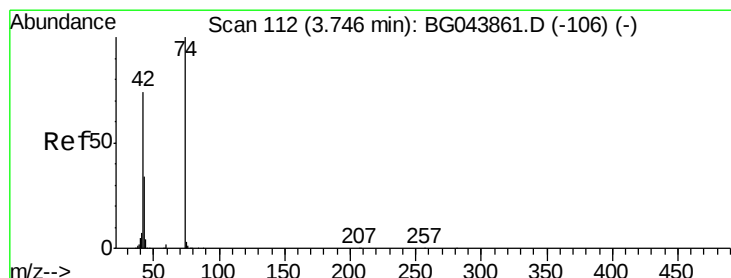
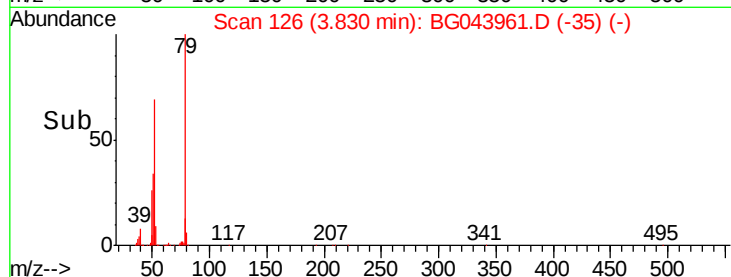
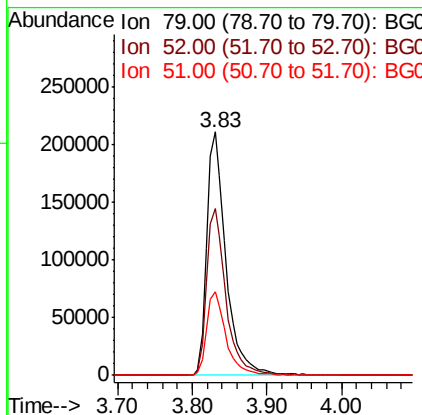
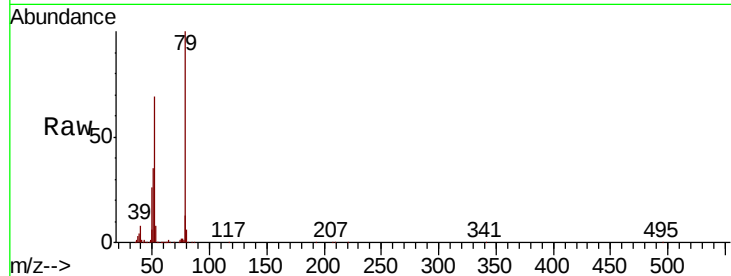
ClientSampleId :

301-305MSD

Tot Ion:	79	Resp:	376606
Ion	Ratio	Lower	Upper
79	100		
52	68.6	58.9	88.3
51	34.5	28.6	43.0

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#4

n-Nitrosodimethylamine

Concen: 35.840 ng

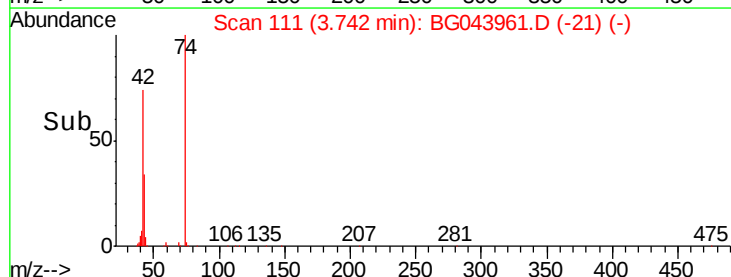
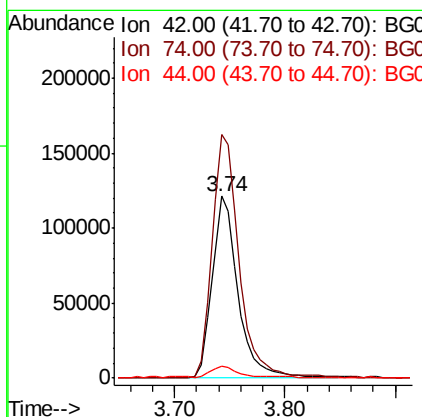
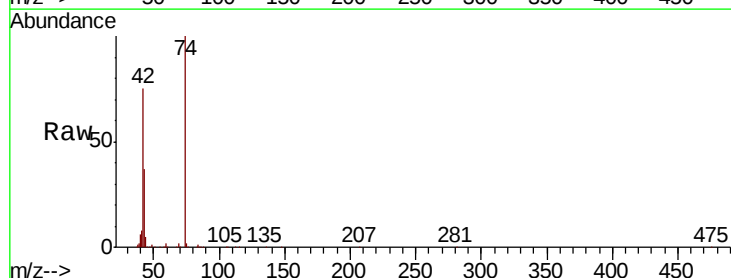
RT: 3.74 min Scan# 111

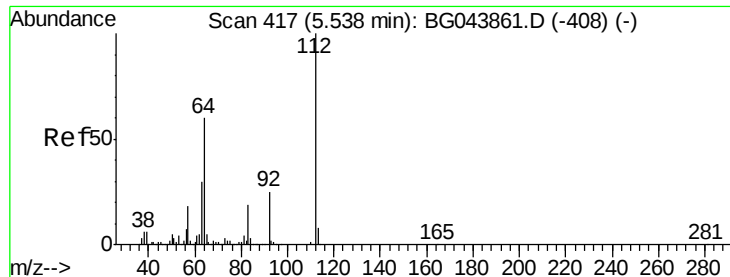
Delta R.T. -0.00 min

Lab File: BG043961.D

Acq: 7 Jan 2020 19:32

Tgt Ion:	42	Resp:	193241
Ion	Ratio	Lower	Upper
42	100		
74	133.7	108.6	162.8
44	6.6	5.0	7.6





#5

2-Fluorophenol

Concen: 71.891 ng

RT: 5.54 min Scan# 417

Delta R.T. 0.00 min

Lab File: BG043961.D

Acq: 7 Jan 2020 19:32

Instrument :

BNA_G

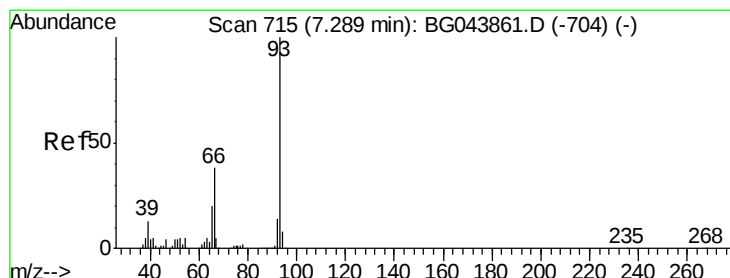
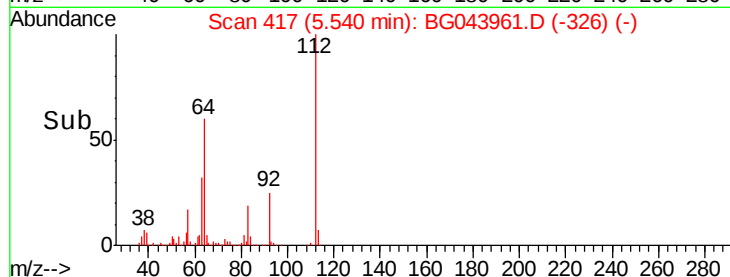
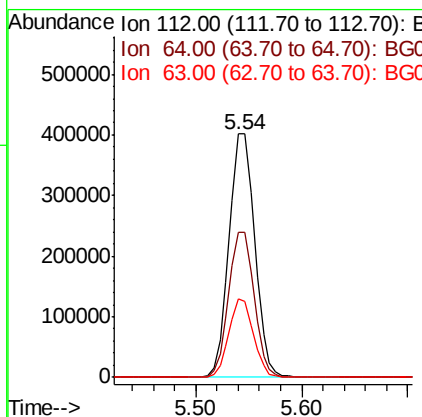
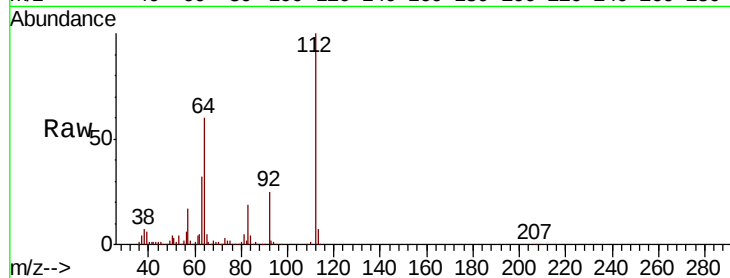
ClientSampleId :

301-305MSD

Tot Ion:	112	Resp:	675915
Ion Ratio	Lower	Upper	
112	100		
64	59.7	47.8	71.6
63	32.1	24.3	36.5

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#6

Aniline

Concen: 18.597 ng

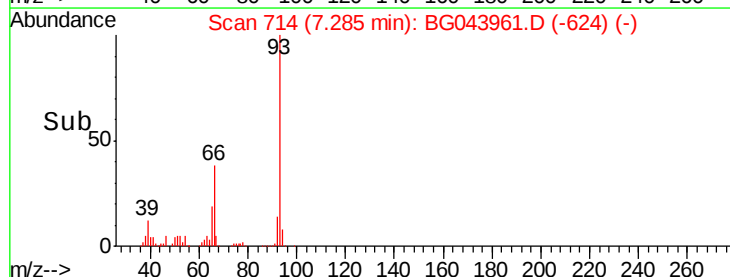
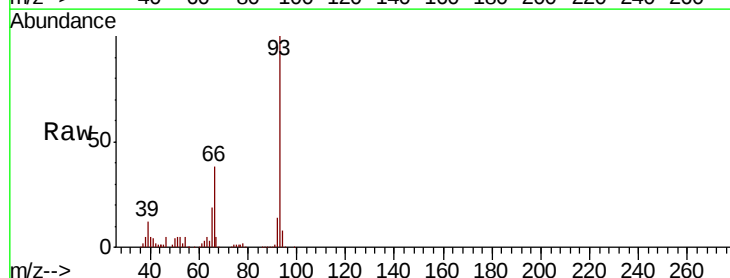
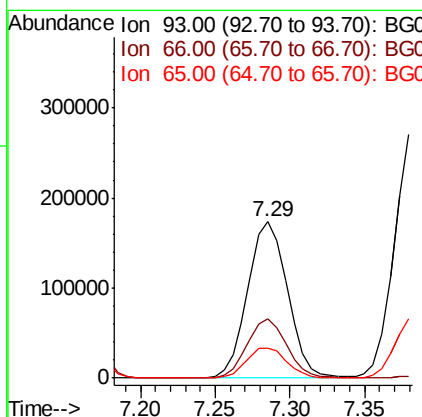
RT: 7.29 min Scan# 714

Delta R.T. -0.00 min

Lab File: BG043961.D

Acq: 7 Jan 2020 19:32

Tgt Ion:	93	Resp:	321014
Ion Ratio	Lower	Upper	
93	100		
66	38.2	30.8	46.2
65	19.5	16.0	24.0





#7

Phenol-d6

Concen: 70.402 ng

RT: 7.13 min Scan# 688

Delta R.T. 0.01 min

Lab File: BG043961.D

Acq: 7 Jan 2020 19:32

Instrument :

BNA_G

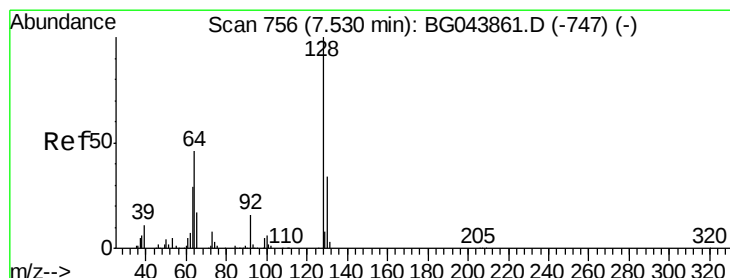
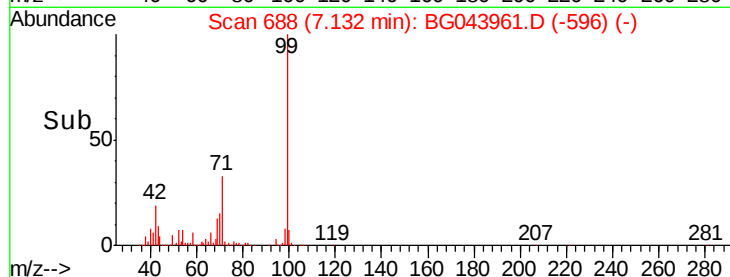
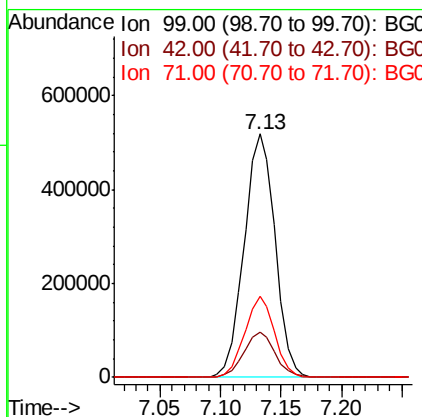
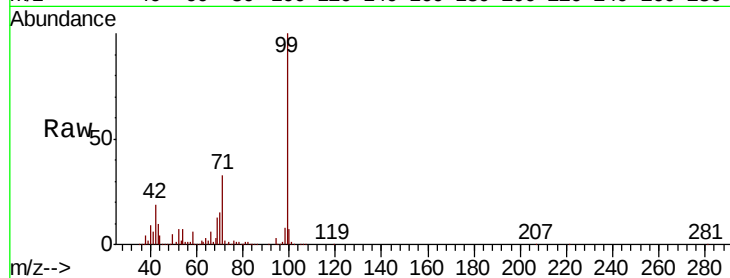
ClientSampleId :

301-305MSD

Tot Ion:	99	Resp:	925231
Ion Ratio	Lower	Upper	
99	100		
42	18.8	14.9	22.3
71	33.3	26.4	39.6

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#8

2-Chlorophenol

Concen: 41.739 ng

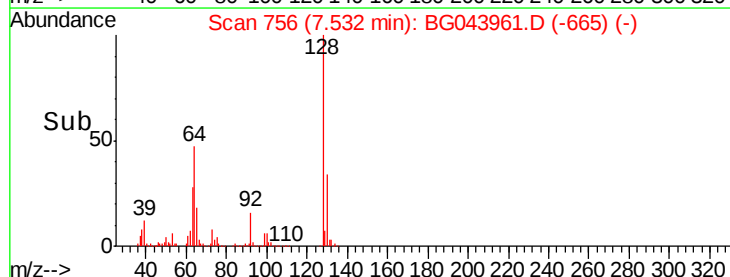
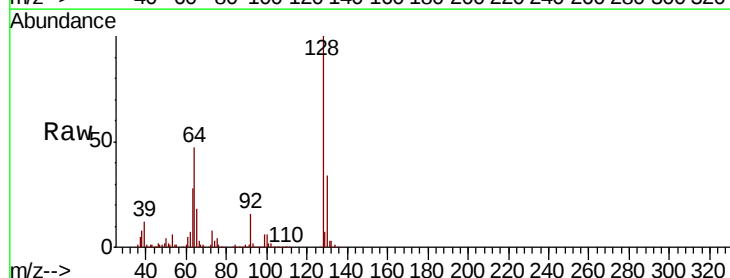
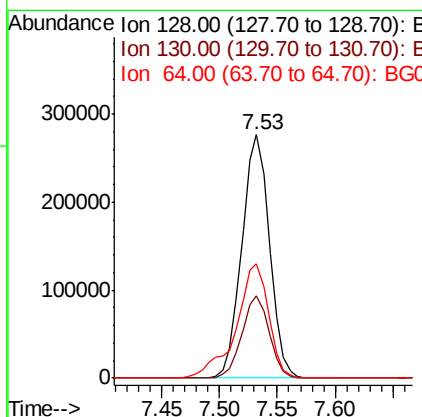
RT: 7.53 min Scan# 756

Delta R.T. 0.00 min

Lab File: BG043961.D

Acq: 7 Jan 2020 19:32

Tgt Ion:	128	Resp:	460700
Ion Ratio	Lower	Upper	
128	100		
130	33.9	13.8	53.8
64	47.2	27.6	67.6





#9

Benzaldehyde

Concen: 32.782 ng

RT: 7.10 min Scan# 682

Delta R.T. 0.00 min

Lab File: BG043961.D

Acq: 7 Jan 2020 19:32

Instrument :

BNA_G

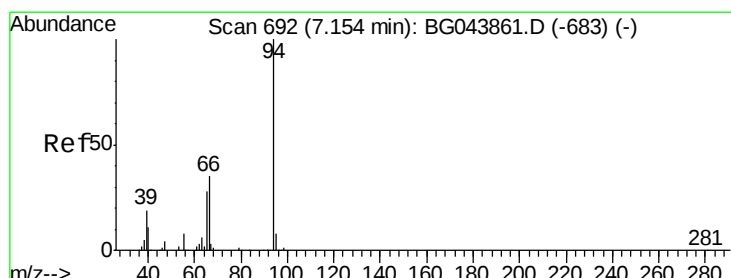
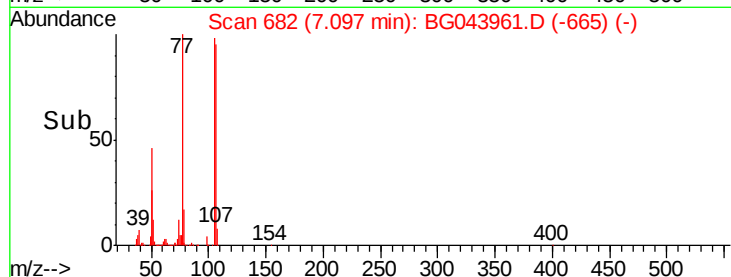
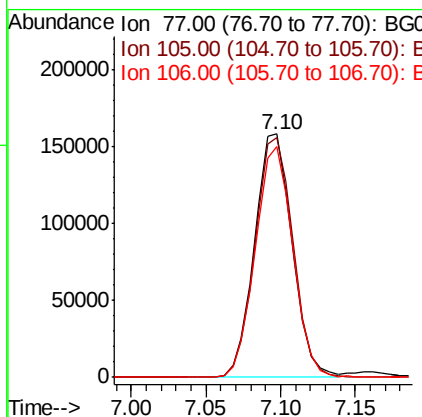
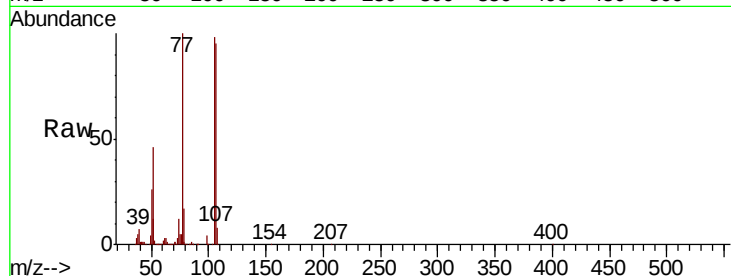
ClientSampleId :

301-305MSD

Tot Ion:	77	Resp:	275737
Ion	Ratio	Lower	Upper
77	100		
105	98.3	80.2	120.2
106	94.9	77.2	117.2

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#10

Phenol

Concen: 42.692 ng

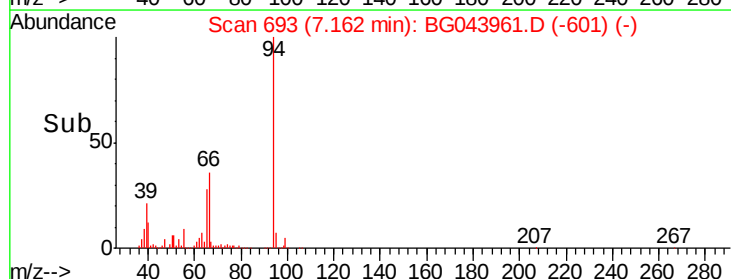
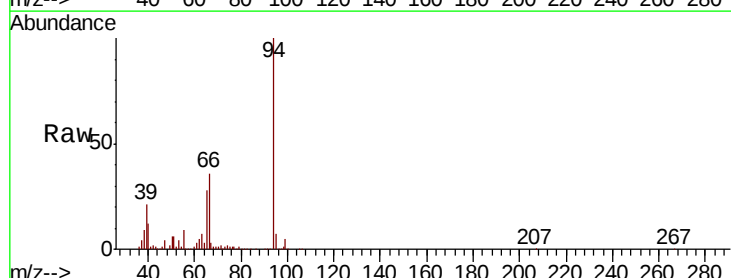
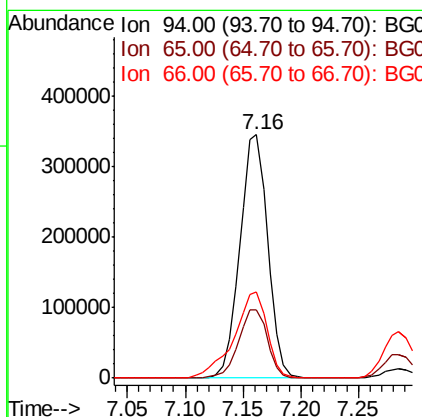
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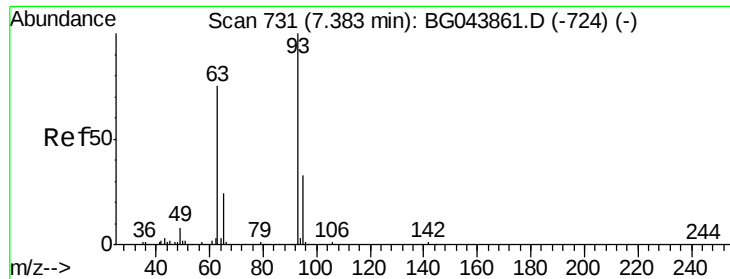
Delta R.T. 0.01 min

Lab File: BG043961.D

Acq: 7 Jan 2020 19:32

Tgt Ion:	94	Resp:	578069
Ion	Ratio	Lower	Upper
94	100		
65	27.8	8.1	48.1
66	35.6	15.6	55.6





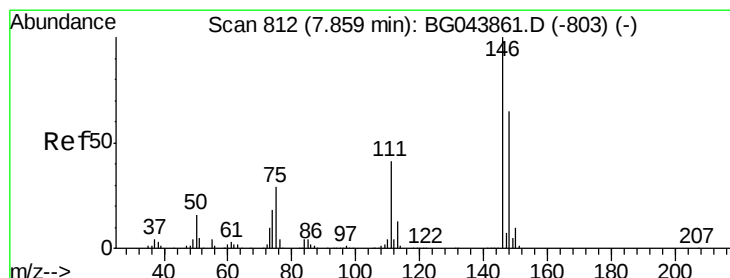
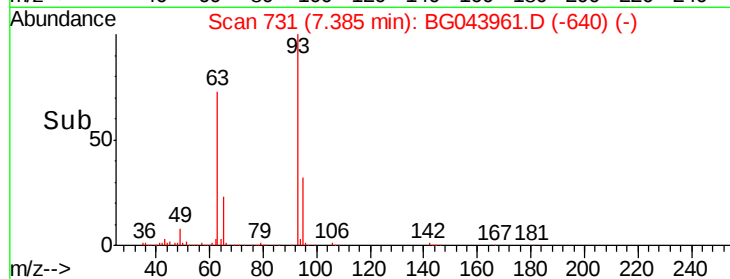
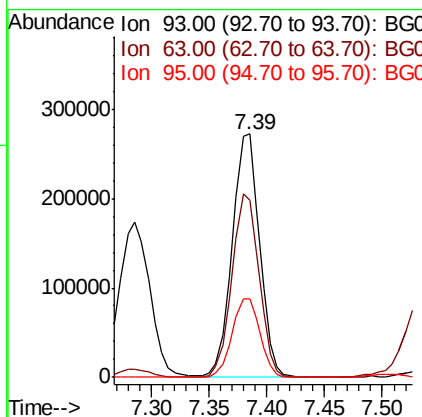
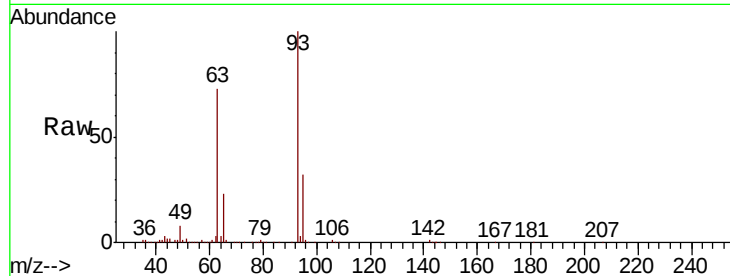
#11
bis(2-Chloroethyl)ether
Concen: 38.325 ng
RT: 7.39 min Scan# 731
Delta R.T. 0.00 min
Lab File: BG043961.D
Acq: 7 Jan 2020 19:32

Instrument :
BNA_G
ClientSampleId :
301-305MSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	72.7	55.0	95.0
95	32.4	13.3	53.3

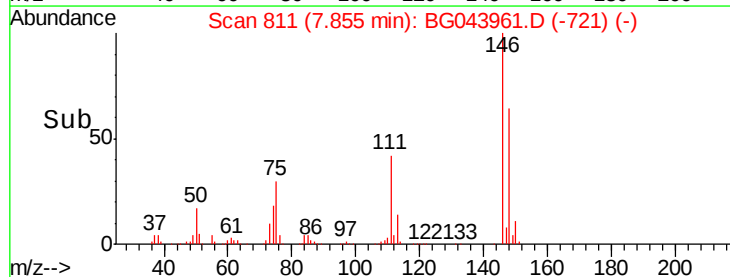
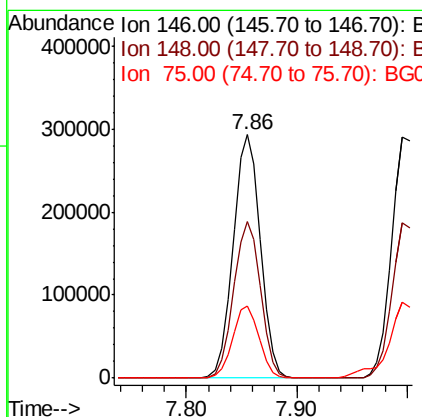
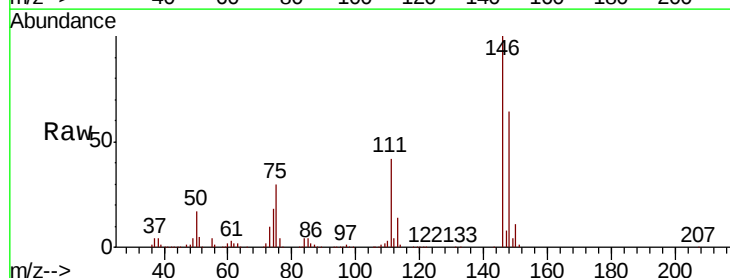
Manual Integrations
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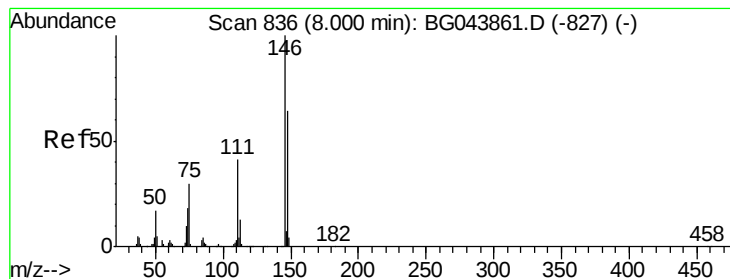
mohammad
1/8/2020 4:26:15 PM



#12
1,3-Dichlorobenzene
Concen: 38.981 ng
RT: 7.86 min Scan# 811
Delta R.T. -0.00 min
Lab File: BG043961.D
Acq: 7 Jan 2020 19:32

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.1	52.1	78.1
75	29.6	23.0	34.4





#13

1,4-Dichlorobenzene

Concen: 39.362 ng

RT: 8.00 min Scan# 835

Delta R.T. -0.00 min

Lab File: BG043961.D

Acq: 7 Jan 2020 19:32

Instrument :

BNA_G

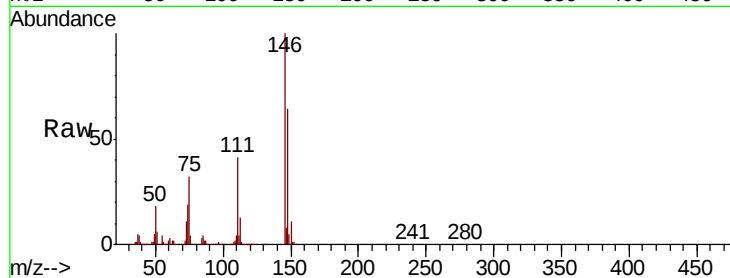
ClientSampleId :

301-305MSD

Tot Ion:	146	Resp:	501636
Ion Ratio	Lower	Upper	
146	100		
148	64.4	51.2	76.8
111	40.7	33.1	49.7

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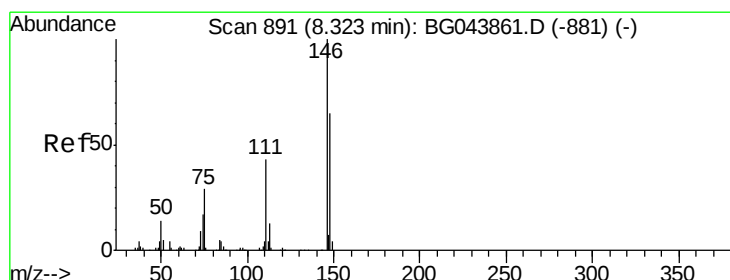
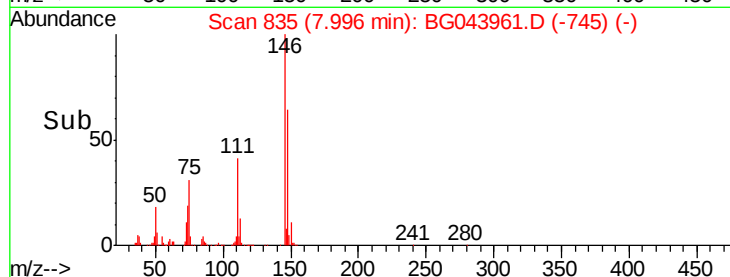
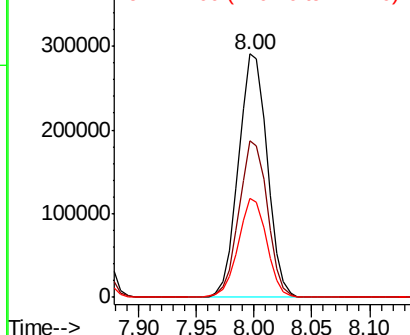


Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 39.210 ng

RT: 8.32 min Scan# 890

Delta R.T. -0.00 min

Lab File: BG043961.D

Acq: 7 Jan 2020 19:32

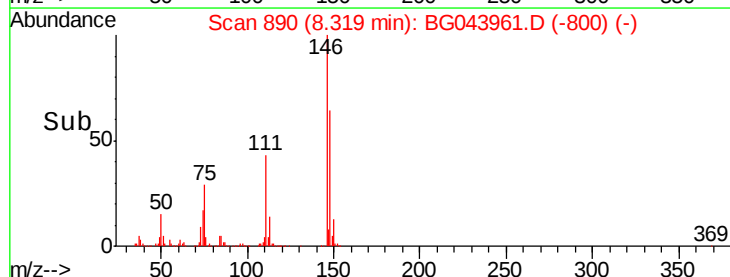
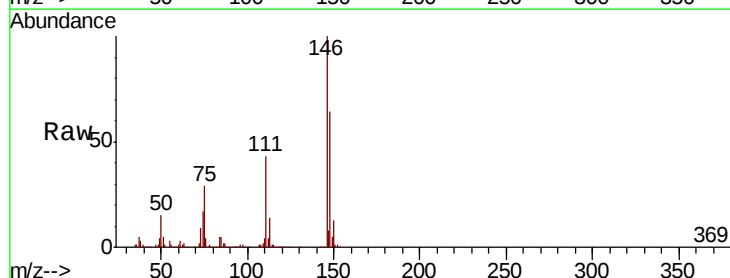
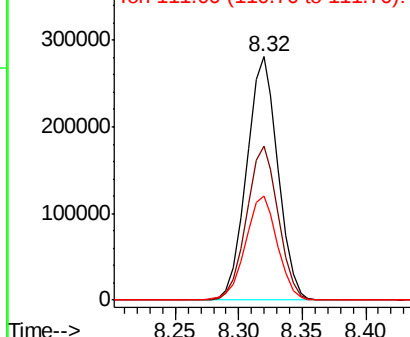
Tgt Ion:	146	Resp:	479634
Ion Ratio	Lower	Upper	
146	100		
148	63.5	51.7	77.5
111	43.0	34.4	51.6

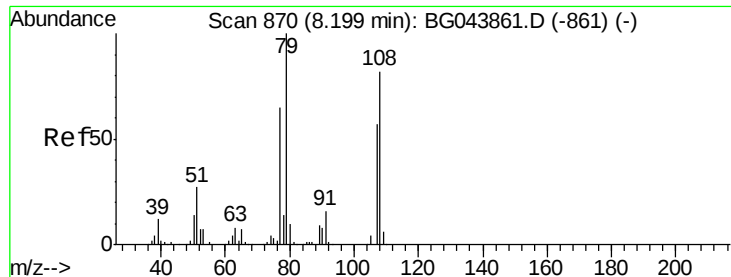
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 37.791 ng

RT: 8.20 min Scan# 870

Delta R.T. 0.00 min

Lab File: BG043961.D

Acq: 7 Jan 2020 19:32

Instrument :

BNA_G

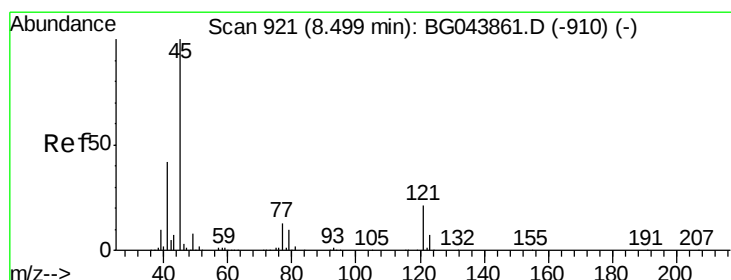
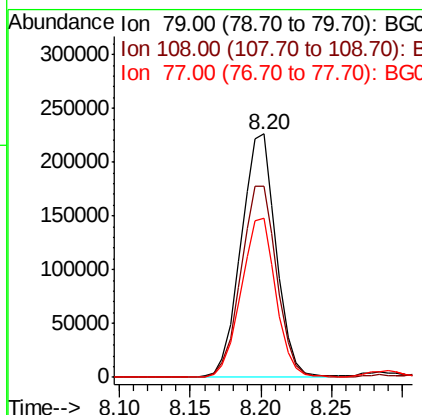
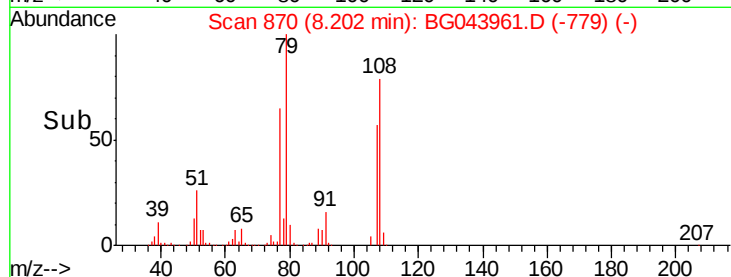
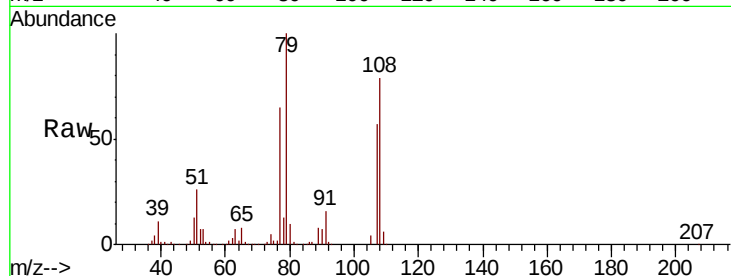
ClientSampleId :

301-305MSD

Tot Ion:	79	Resp:	391976
Ion	Ratio	Lower	Upper
79	100		
108	78.6	65.6	98.4
77	65.5	52.0	78.0

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#16

2,2'-oxybis(1-chloropropane)

Concen: 35.619 ng

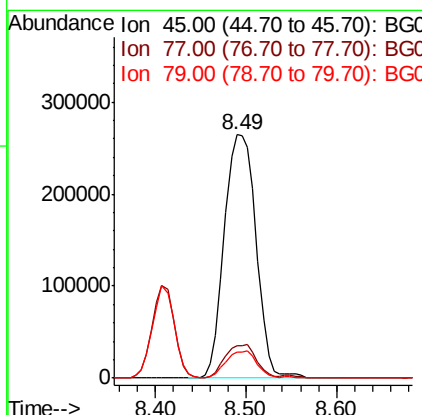
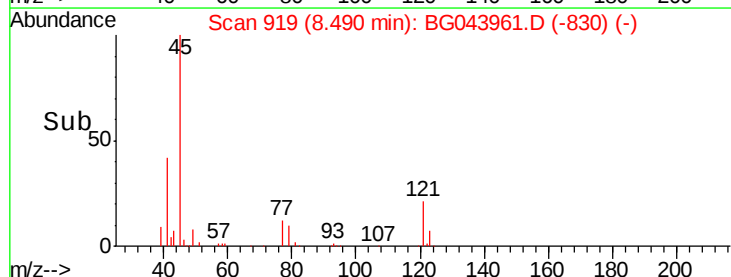
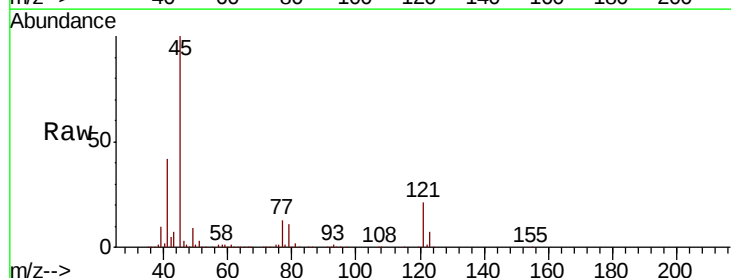
RT: 8.49 min Scan# 919

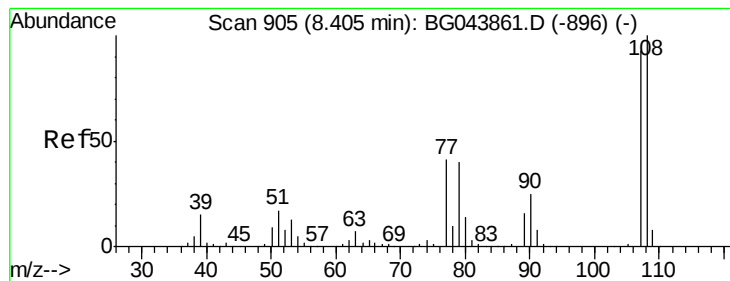
Delta R.T. -0.01 min

Lab File: BG043961.D

Acq: 7 Jan 2020 19:32

Tgt Ion:	45	Resp:	644102
Ion	Ratio	Lower	Upper
45	100		
77	13.1	0.0	33.8
79	10.9	0.0	31.0





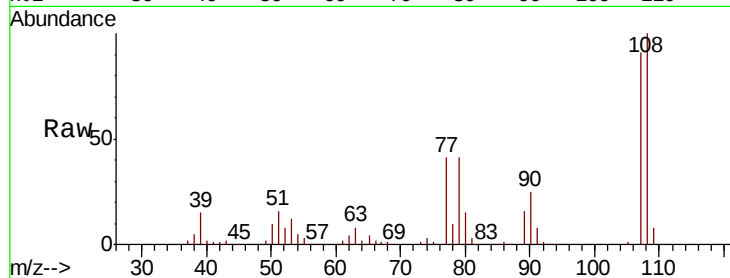
#17
2-Methylphenol
Concen: 40.082 ng
RT: 8.41 min Scan# 905
Delta R.T. 0.00 min
Lab File: BG043961.D
Acq: 7 Jan 2020 19:32

Instrument :
BNA_G
ClientSampleId :
301-305MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	109.5	86.1	129.1	
77	44.7	35.4	53.0	
79	44.4	34.8	52.2	

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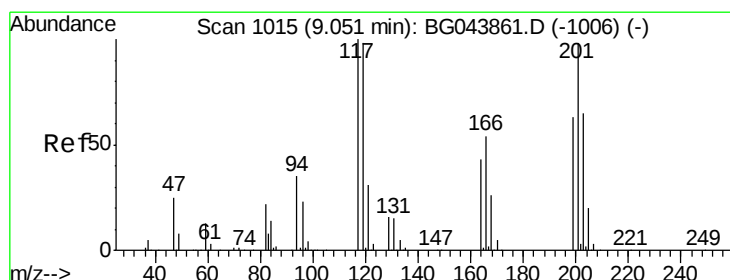
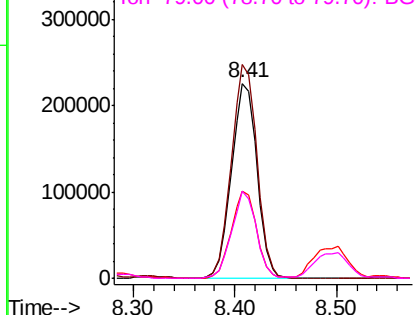
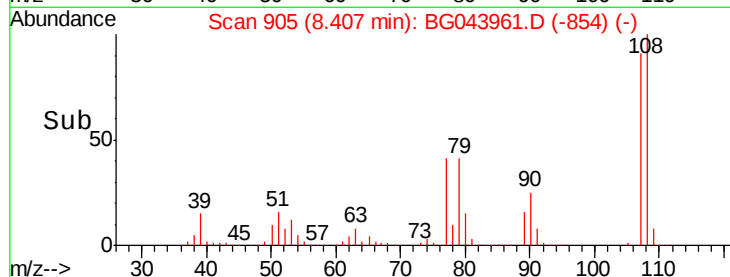
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

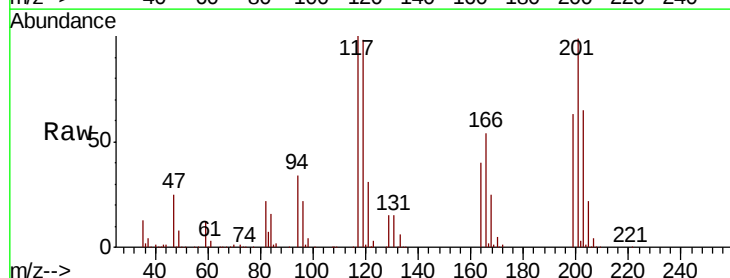
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 38.761 ng
RT: 9.05 min Scan# 1014
Delta R.T. -0.00 min
Lab File: BG043961.D
Acq: 7 Jan 2020 19:32

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	97.6	78.1	117.1	
201	99.1	78.6	117.8	

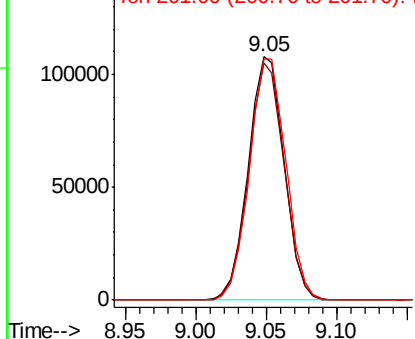
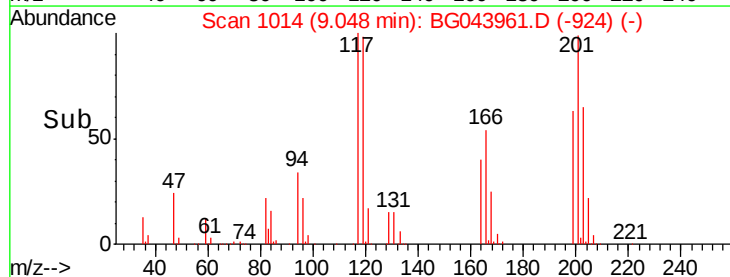


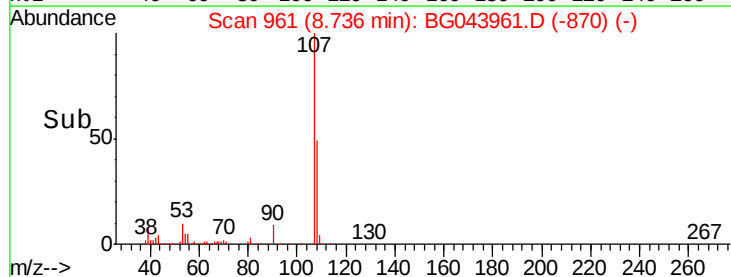
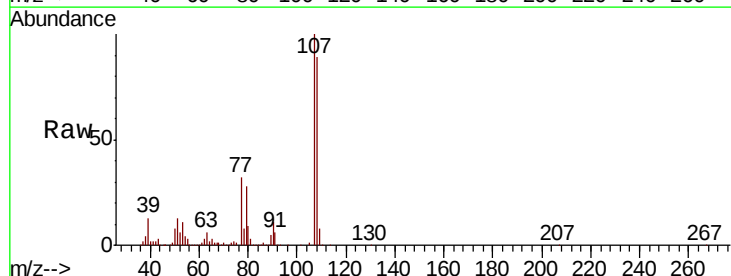
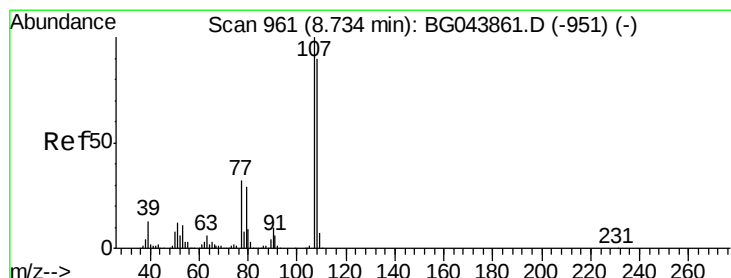
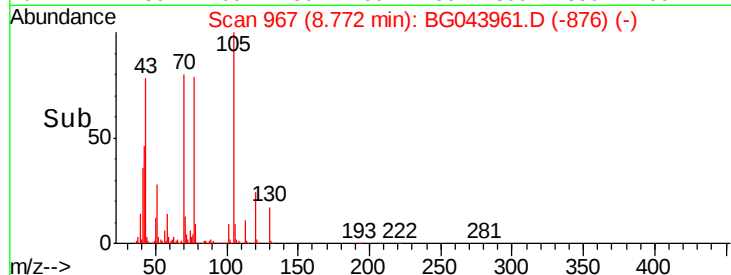
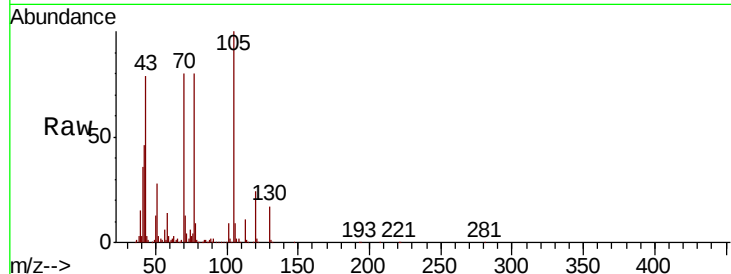
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





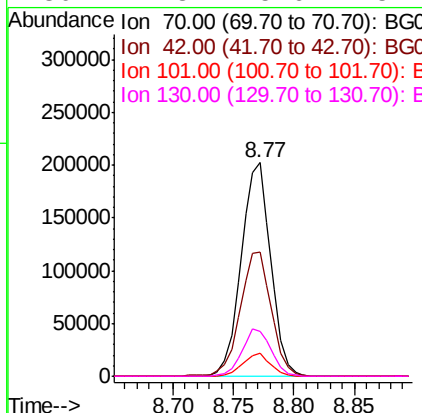
#19
n-Nitroso-di-n-propylamine
Concen: 35.093 ng
RT: 8.77 min Scan# 967
Delta R.T. 0.00 min
Lab File: BG043961.D
Acq: 7 Jan 2020 19:32

Instrument :
BNA_G
ClientSampleId :
301-305MSD

Tot Ion	Ion	Ratio	Lower	Upper
343464	70	100		
	42	58.3	47.0	70.4
	101	10.7	7.2	10.8
	130	21.3	15.6	23.4

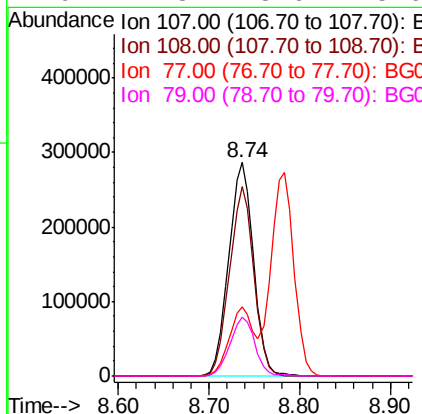
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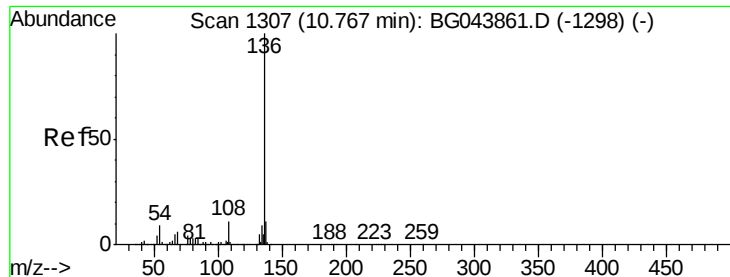
mohammad
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#20
3+4-Methylphenols
Concen: 39.730 ng
RT: 8.74 min Scan# 961
Delta R.T. 0.00 min
Lab File: BG043961.D
Acq: 7 Jan 2020 19:32

Tgt Ion	Ion	Ratio	Lower	Upper
543089	107	100		
	108	88.8	70.3	110.3
	77	32.4	12.4	52.4
	79	27.8	8.6	48.6





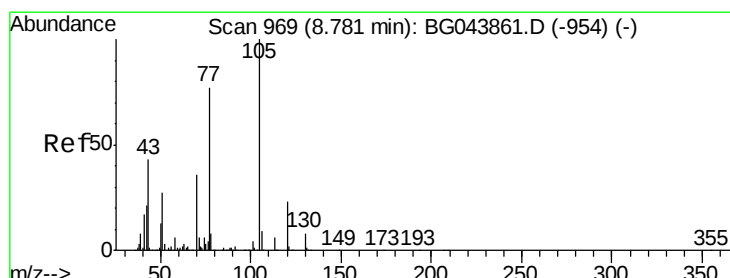
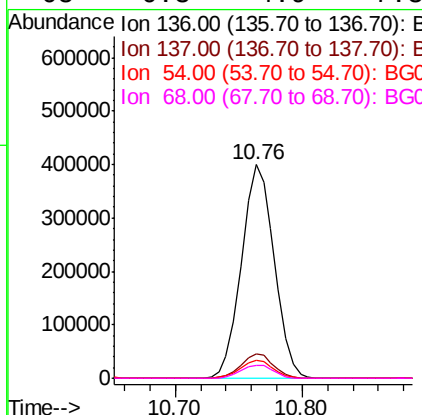
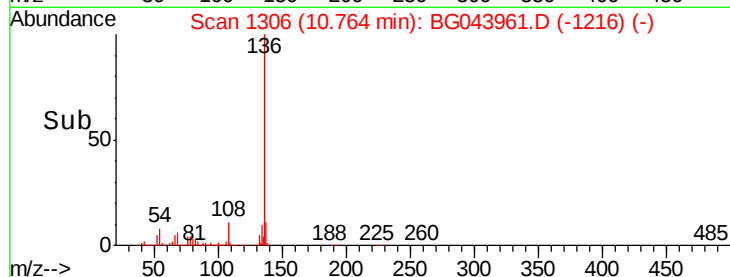
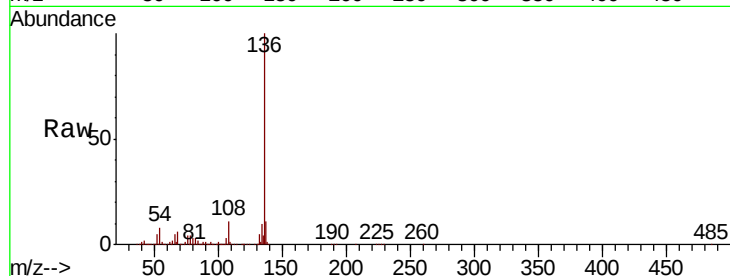
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.76 min Scan# 1306
Delta R.T. -0.00 min
Lab File: BG043961.D
Acq: 7 Jan 2020 19:32

Instrument :
BNA_G
ClientSampleId :
301-305MSD

Tot Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	8.5	7.0	10.4
68	6.3	4.9	7.3

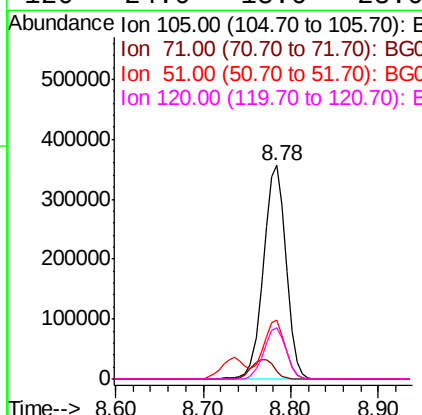
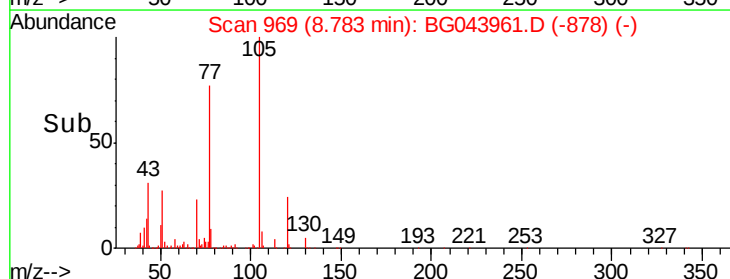
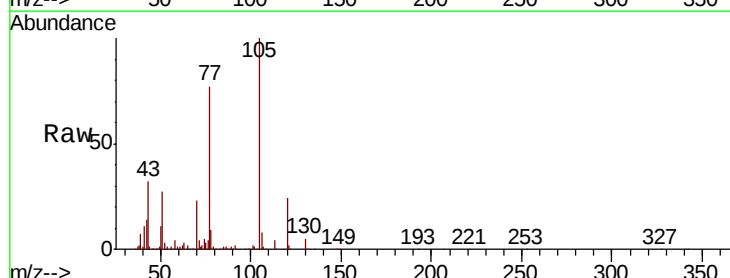
Manual Integrations
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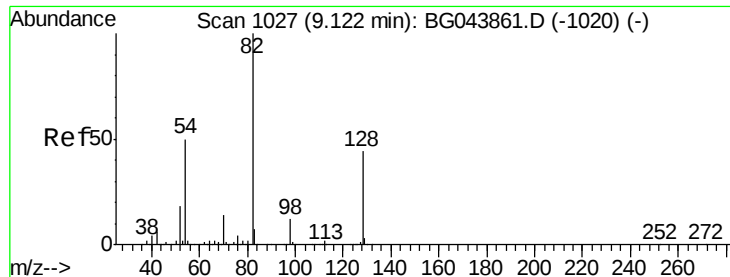
mohammad
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#22
Acetophenone
Concen: 35.811 ng
RT: 8.78 min Scan# 969
Delta R.T. 0.00 min
Lab File: BG043961.D
Acq: 7 Jan 2020 19:32

Tgt Ion	Ratio	Lower	Upper
105	100		
71	3.8	4.8	7.2#
51	27.4	21.4	32.0
120	24.0	18.6	28.0





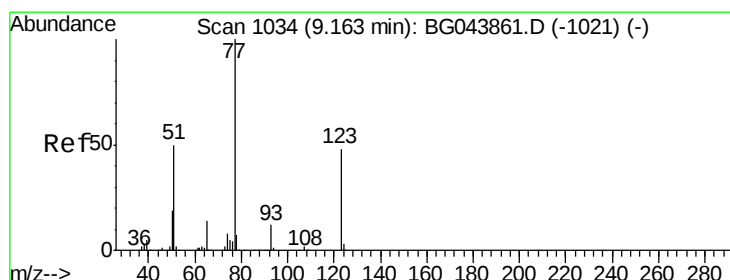
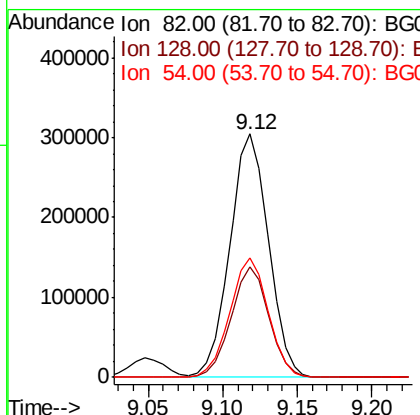
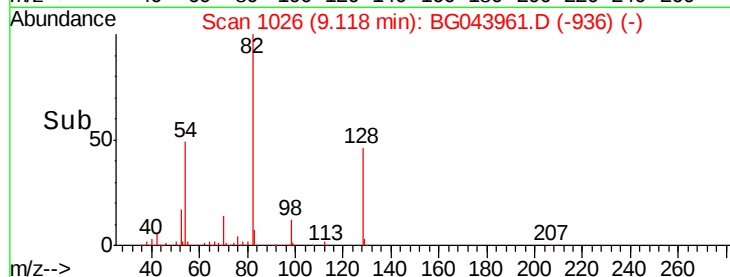
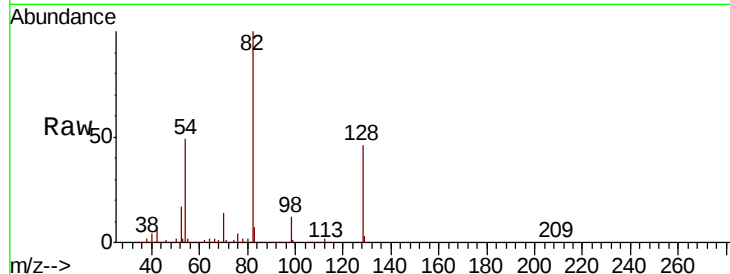
#23
 Nitrobenzene-d5
 Concen: 40.956 ng
 RT: 9.12 min Scan# 1026
 Delta R.T. -0.00 min
 Lab File: BG043961.D
 Acq: 7 Jan 2020 19:32

Instrument :
 BNA_G
 ClientSampleId :
 301-305MSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.6	35.1	52.7
54	49.1	40.1	60.1

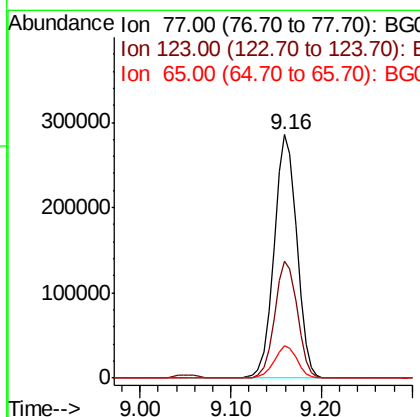
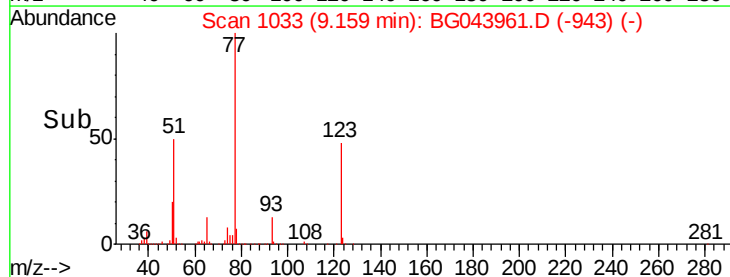
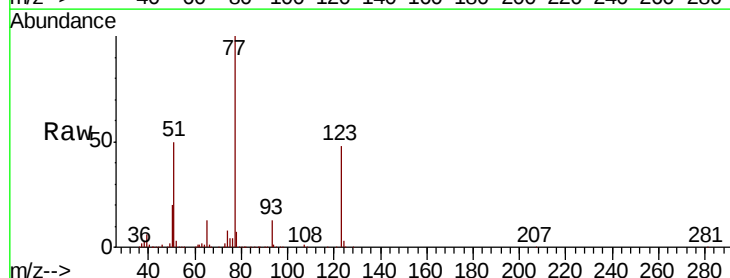
Manual Integrations
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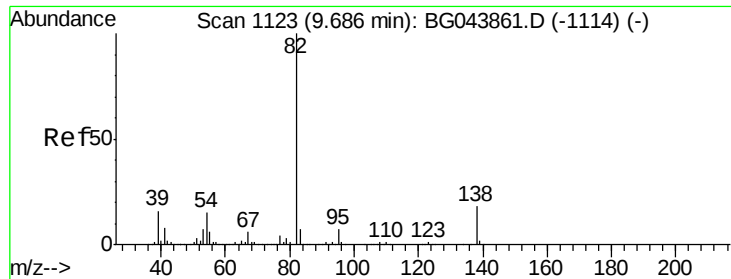
mohammad
 1/8/2020 4:26:15 PM



#24
 Nitrobenzene
 Concen: 37.482 ng
 RT: 9.16 min Scan# 1033
 Delta R.T. -0.00 min
 Lab File: BG043961.D
 Acq: 7 Jan 2020 19:32

Tgt Ion	Ratio	Lower	Upper
77	100		
123	48.1	38.7	58.1
65	13.1	11.1	16.7





#25

Isophorone

Concen: 36.932 ng

RT: 9.69 min Scan# 1123

Delta R.T. 0.00 min

Lab File: BG043961.D

Acq: 7 Jan 2020 19:32

Instrument :

BNA_G

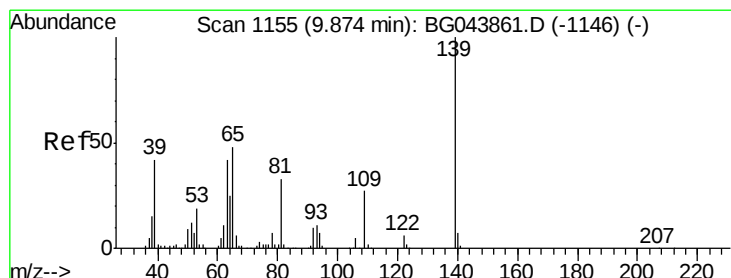
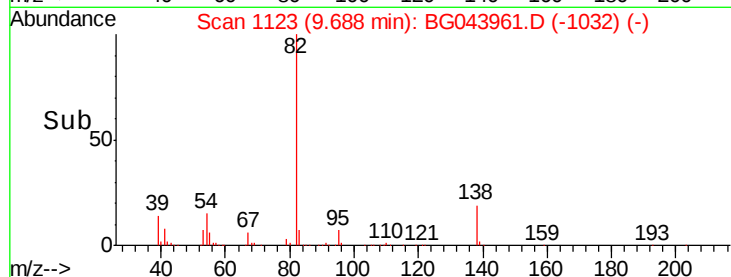
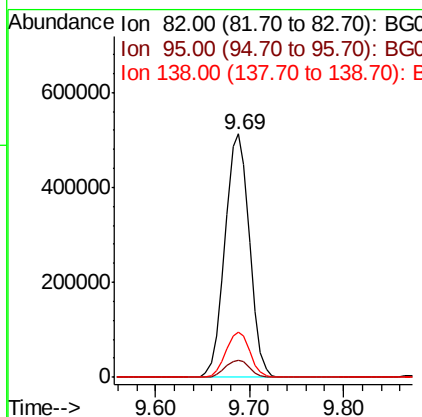
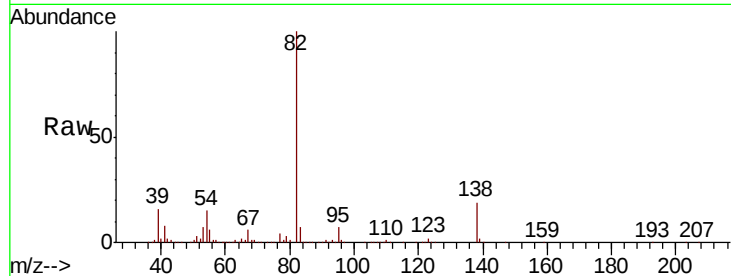
ClientSampleId :

301-305MSD

Tot Ion:	82	Resp:	925388
Ion	Ratio	Lower	Upper
82	100		
95	7.2	5.8	8.6
138	18.5	14.6	22.0

Manual Integrations
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#26

2-Nitrophenol

Concen: 42.755 ng

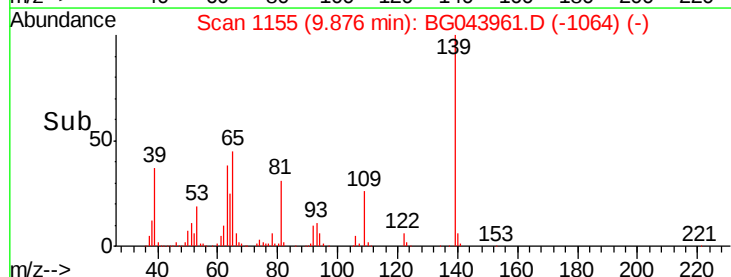
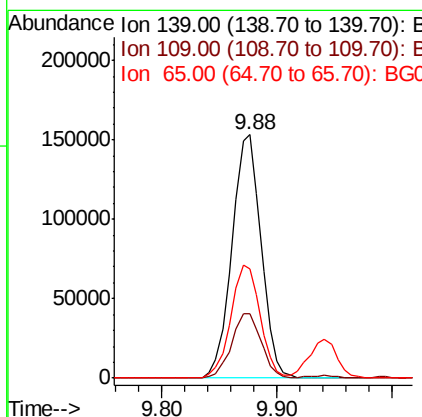
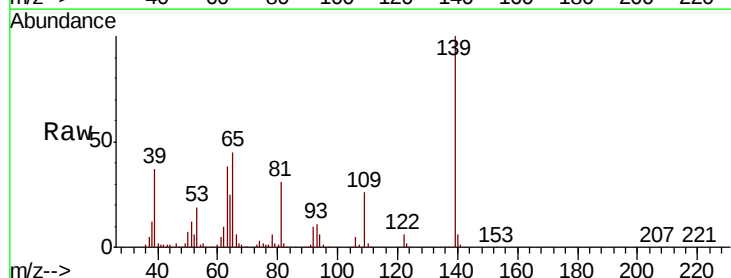
RT: 9.88 min Scan# 1155

Delta R.T. 0.00 min

Lab File: BG043961.D

Acq: 7 Jan 2020 19:32

Tgt Ion:	139	Resp:	267570
Ion	Ratio	Lower	Upper
139	100		
109	26.3	21.3	31.9
65	45.0	38.6	57.8





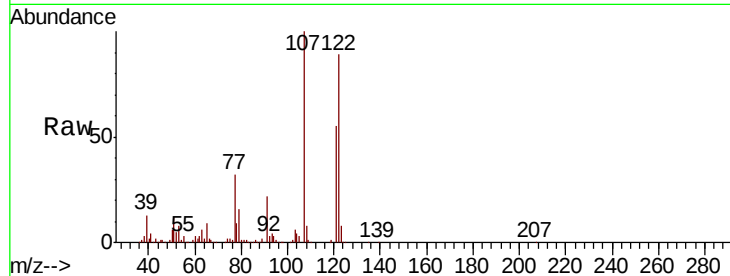
#27
2,4-Dimethylphenol
Concen: 44.612 ng
RT: 9.94 min Scan# 1166
Delta R.T. 0.00 min
Lab File: BG043961.D
Acq: 7 Jan 2020 19:32

Instrument :
BNA_G
ClientSampleId :
301-305MSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	420270		
107	112.2	88.0	132.0	
121	61.6	49.0	73.4	

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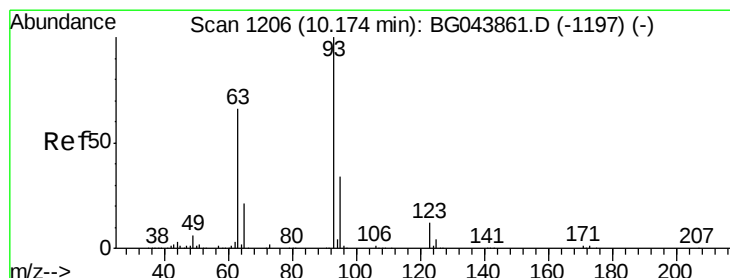
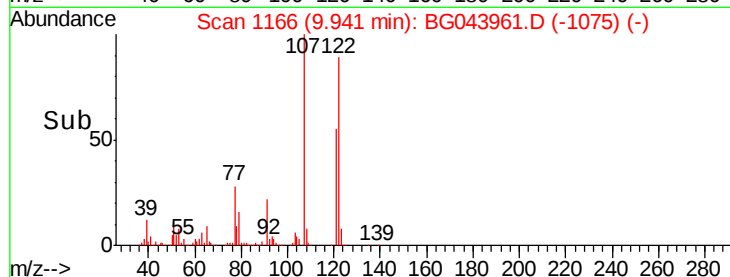
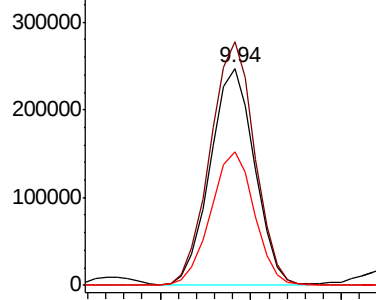


Abundance

Ion 122.00 (121.70 to 122.70): E

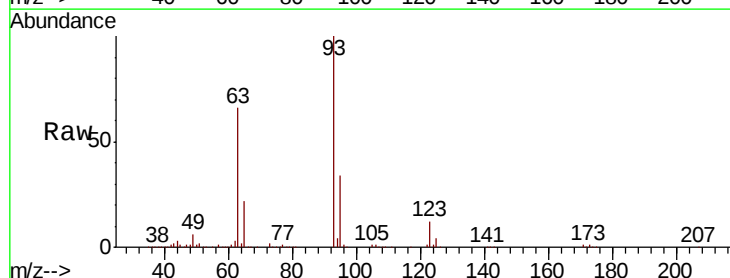
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
bis(2-Chloroethoxy)methane
Concen: 34.591 ng
RT: 10.17 min Scan# 1205
Delta R.T. -0.00 min
Lab File: BG043961.D
Acq: 7 Jan 2020 19:32

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	577834		
95	34.1	27.2	40.8	
123	11.9	9.7	14.5	

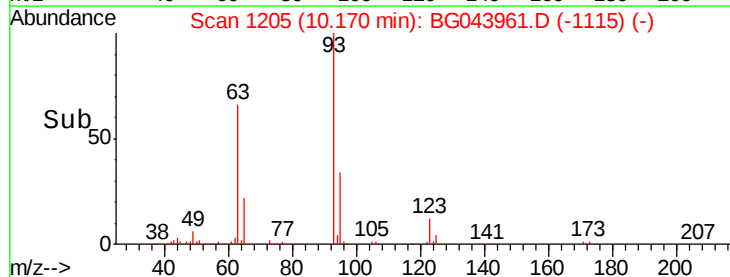
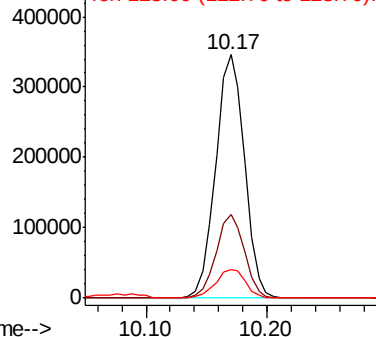


Abundance

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





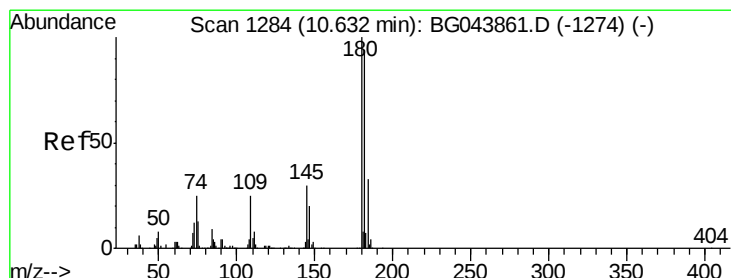
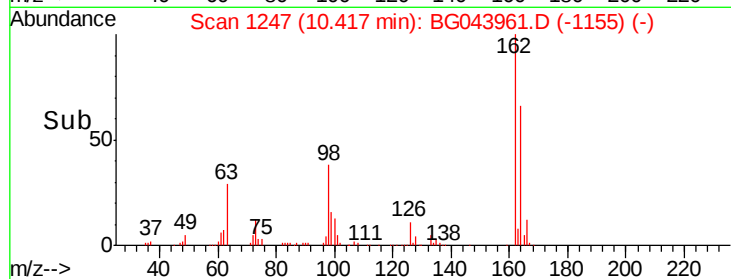
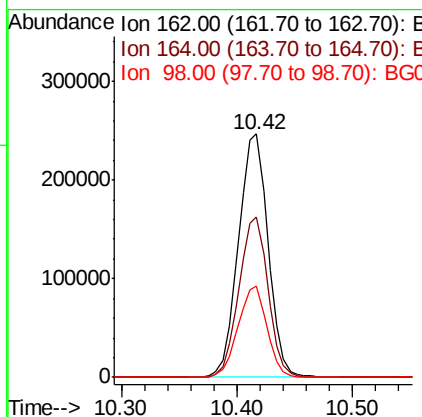
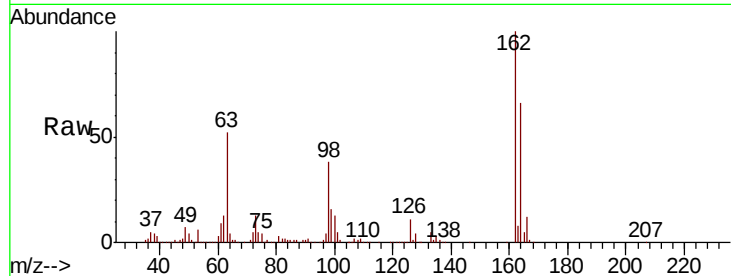
#29
 2,4-Dichlorophenol
 Concen: 39.080 ng
 RT: 10.42 min Scan# 1247
 Delta R.T. 0.01 min
 Lab File: BG043961.D
 Acq: 7 Jan 2020 19:32

Instrument :
 BNA_G
 ClientSampleId :
 301-305MSD

Tot Ion	Ratio	Lower	Upper
162	100		
164	66.1	46.3	86.3
98	37.5	17.3	57.3

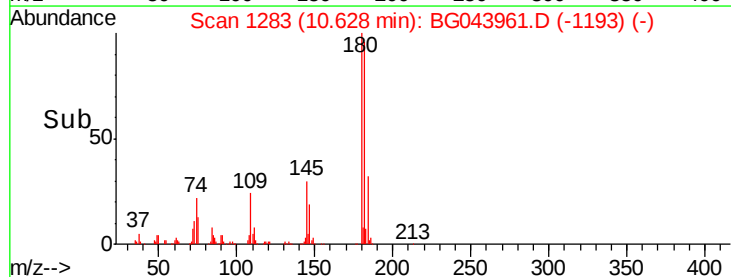
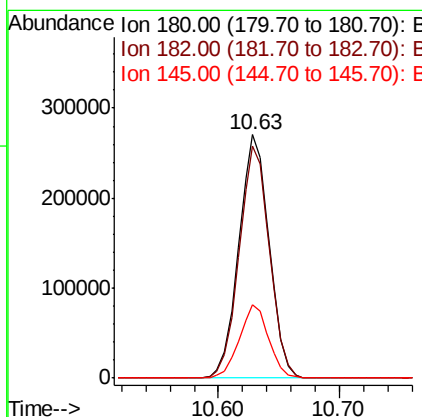
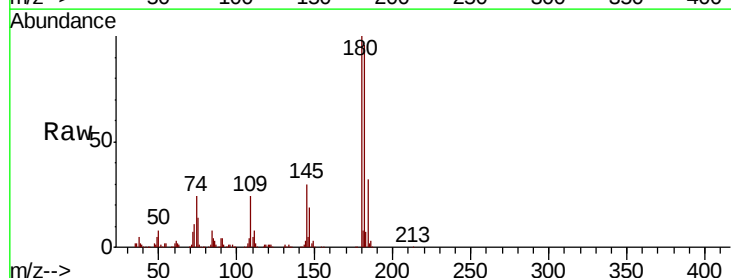
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#30
 1,2,4-Trichlorobenzene
 Concen: 37.460 ng
 RT: 10.63 min Scan# 1283
 Delta R.T. -0.00 min
 Lab File: BG043961.D
 Acq: 7 Jan 2020 19:32

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.6	75.0	112.4
145	30.0	24.2	36.4





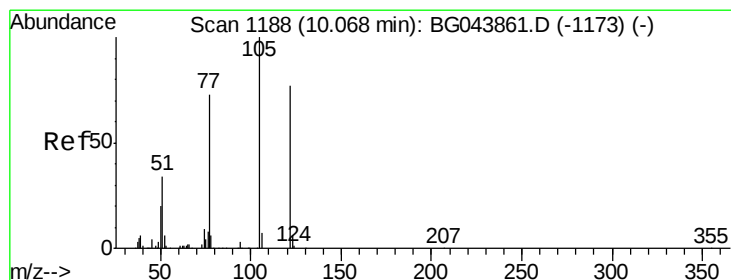
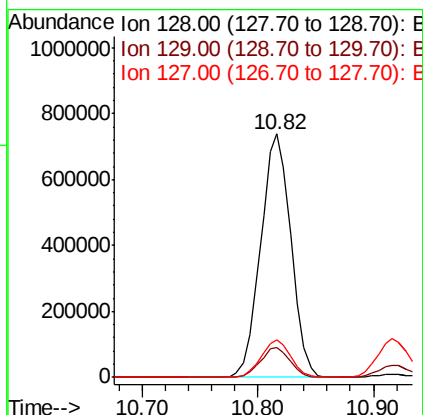
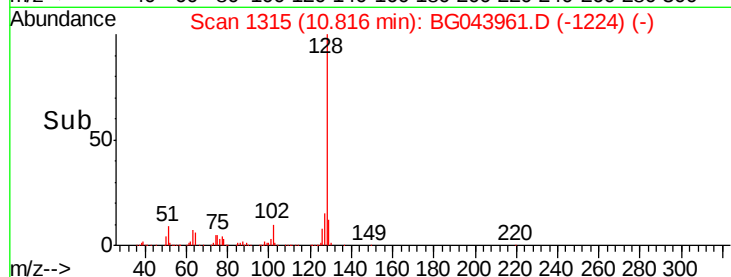
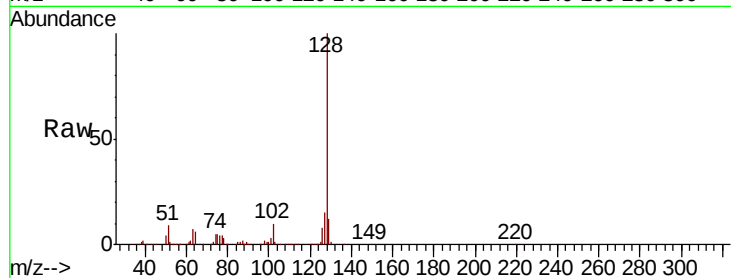
#31
Naphthalene
Concen: 38.965 ng
RT: 10.82 min Scan# 1315
Delta R.T. 0.00 min
Lab File: BG043961.D
Acq: 7 Jan 2020 19:32

Instrument :
BNA_G
ClientSampleId :
301-305MSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	12.4	9.8	14.6
127	15.4	12.0	18.0

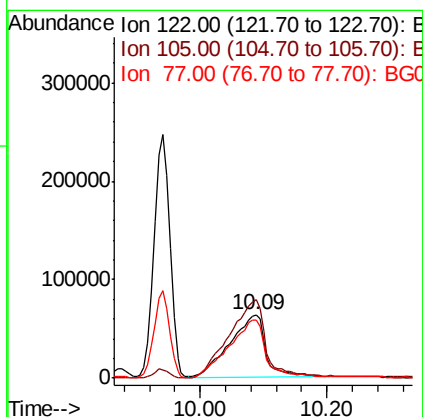
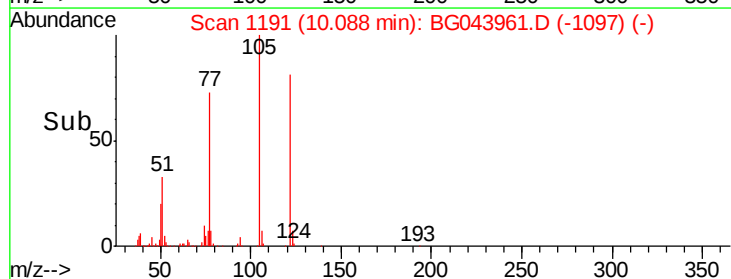
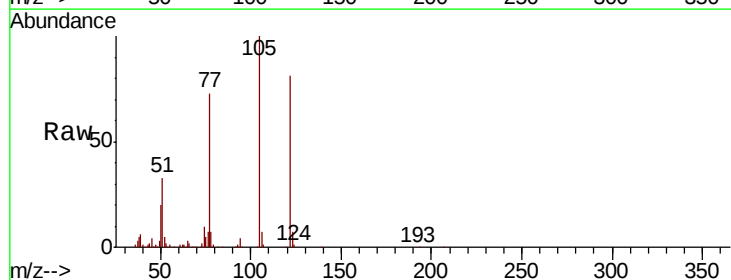
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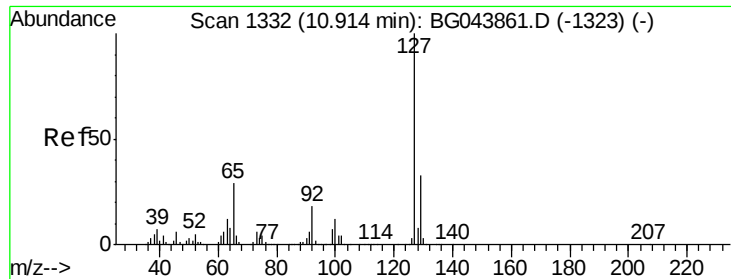
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#32
Benzoic acid
Concen: 34.686 ng
RT: 10.09 min Scan# 1191
Delta R.T. 0.02 min
Lab File: BG043961.D
Acq: 7 Jan 2020 19:32

Tgt Ion	Ratio	Lower	Upper
122	100		
105	123.6	106.4	146.4
77	90.8	74.6	114.6





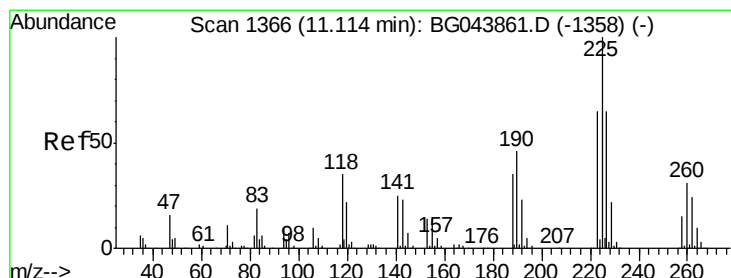
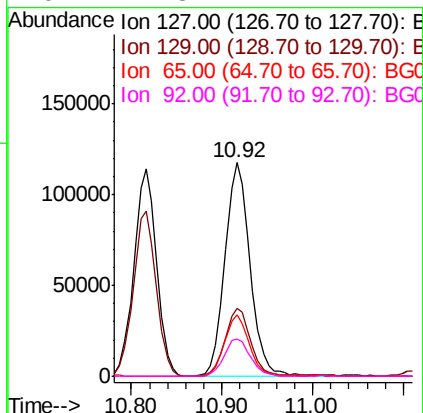
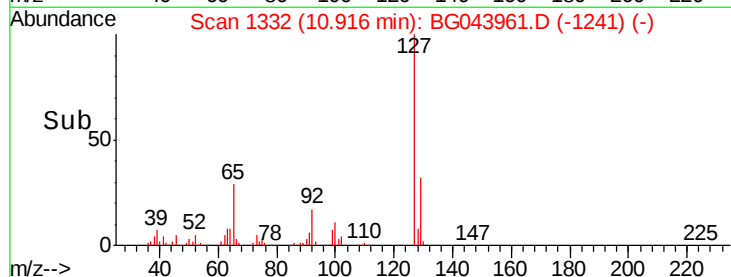
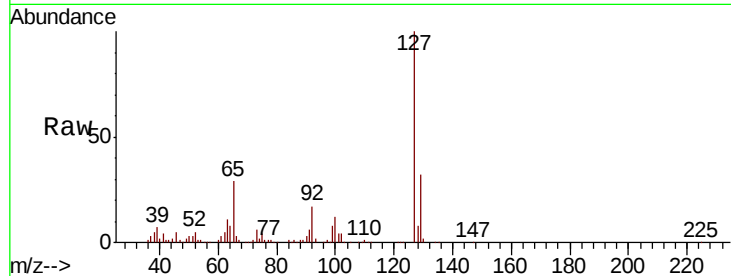
#33
4-Chloroaniline
Concen: 13.642 ng
RT: 10.92 min Scan# 1332
Delta R.T. 0.00 min
Lab File: BG043961.D
Acq: 7 Jan 2020 19:32

Instrument :
BNA_G
ClientSampleId :
301-305MSD

Tot Ion	Ratio	Lower	Upper
127	100		
129	32.0	26.6	40.0
65	28.9	23.3	34.9
92	17.3	14.7	22.1

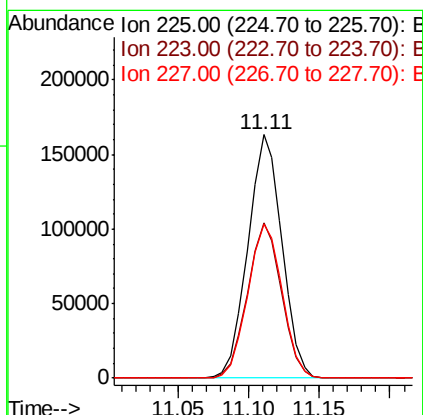
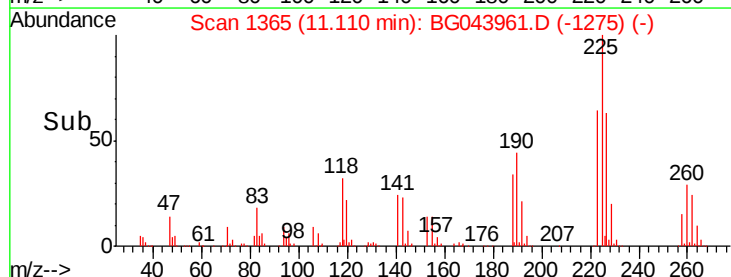
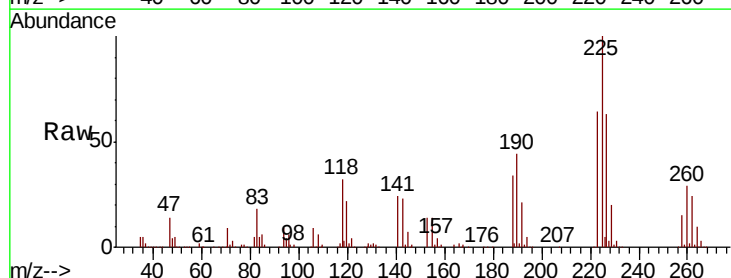
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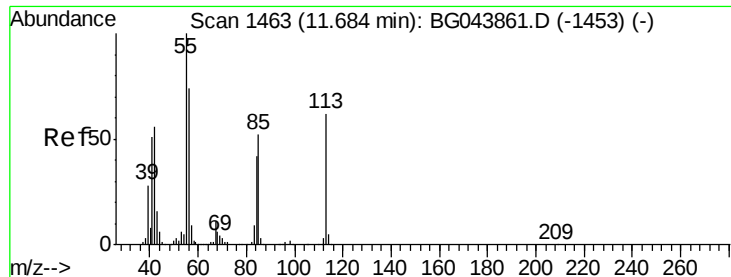
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#34
Hexachlorobutadiene
Concen: 35.906 ng
RT: 11.11 min Scan# 1365
Delta R.T. -0.00 min
Lab File: BG043961.D
Acq: 7 Jan 2020 19:32

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.8	52.2	78.4
227	63.5	52.1	78.1





#35

Caprolactam

Concen: 38.112 ng/mL

RT: 11.69 min Scan# 1464

Delta R.T. 0.01 min

Lab File: BG043961.D

Acq: 7 Jan 2020 19:32

Instrument :

BNA_G

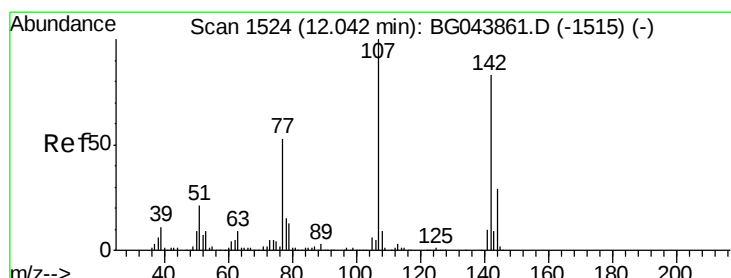
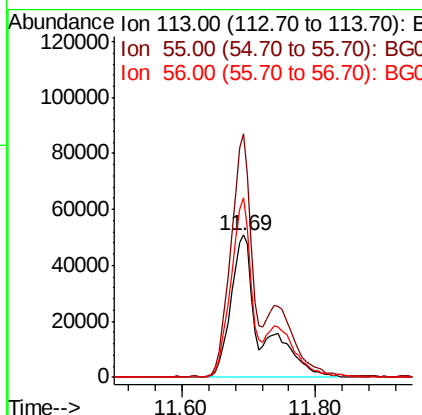
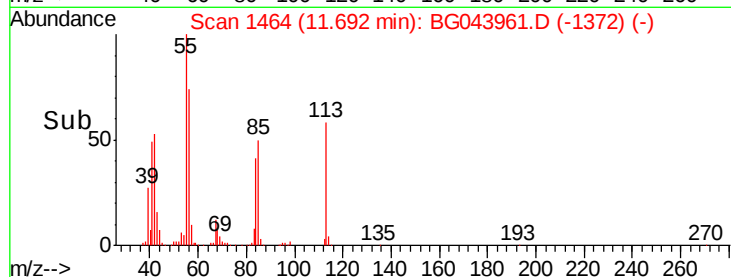
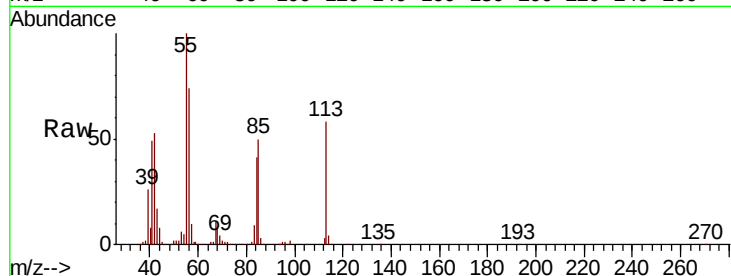
ClientSampleId :

301-305MSD

Tot Ion:	113	Resp:	159430
Ion Ratio	Lower	Upper	
113	100		
55	171.5	142.5	182.5
56	126.6	101.4	141.4

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#36

4-Chloro-3-methylphenol

Concen: 38.412 ng/mL

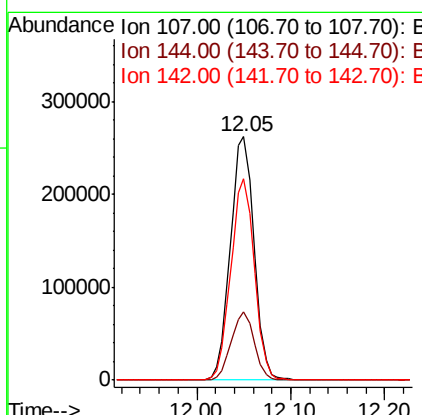
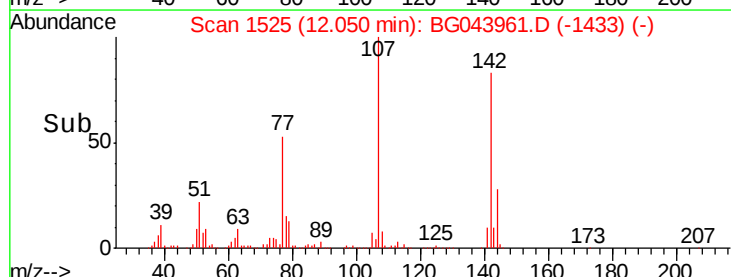
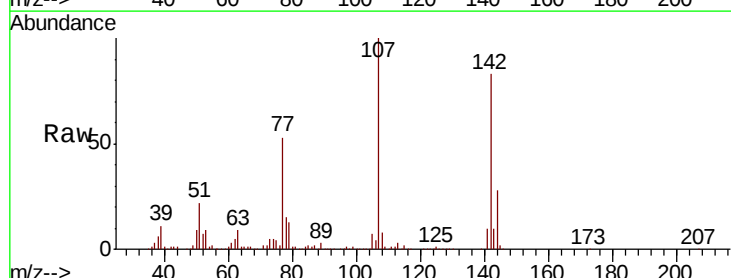
RT: 12.05 min Scan# 1525

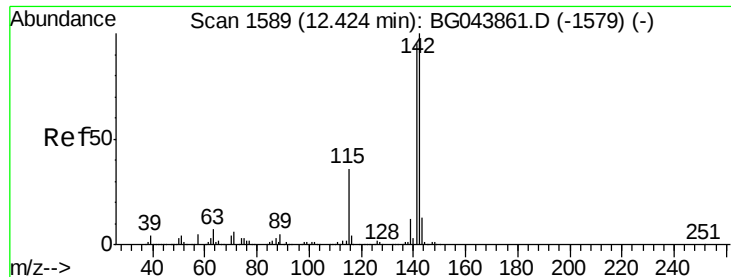
Delta R.T. 0.01 min

Lab File: BG043961.D

Acq: 7 Jan 2020 19:32

Tgt Ion:	107	Resp:	459499
Ion Ratio	Lower	Upper	
107	100		
144	28.1	23.4	35.2
142	82.9	66.3	99.5





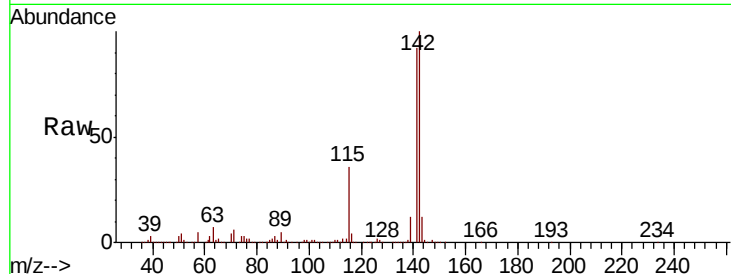
#37
2-Methylnaphthalene
Concen: 37.994 ng
RT: 12.42 min Scan# 1588
Delta R.T. -0.00 min
Lab File: BG043961.D
Acq: 7 Jan 2020 19:32

Instrument :
BNA_G
ClientSampleId :
301-305MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	92.5	75.8	113.8
115	36.3	28.6	42.8

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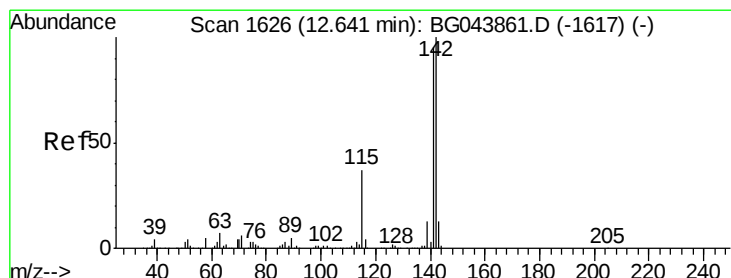
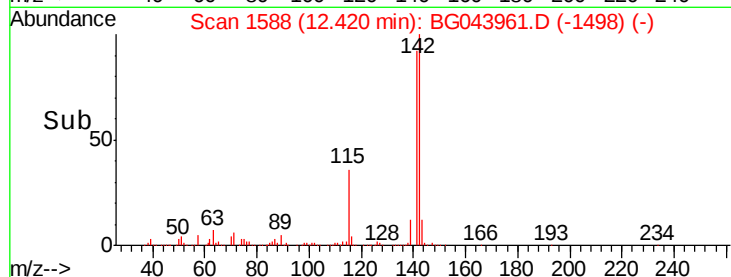
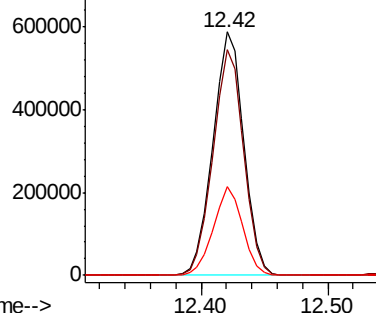


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 37.803 ng
RT: 12.64 min Scan# 1625
Delta R.T. -0.00 min
Lab File: BG043961.D
Acq: 7 Jan 2020 19:32

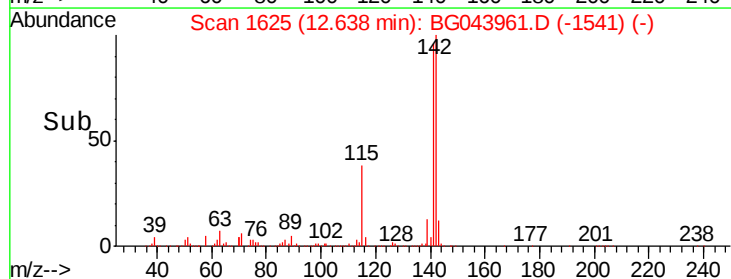
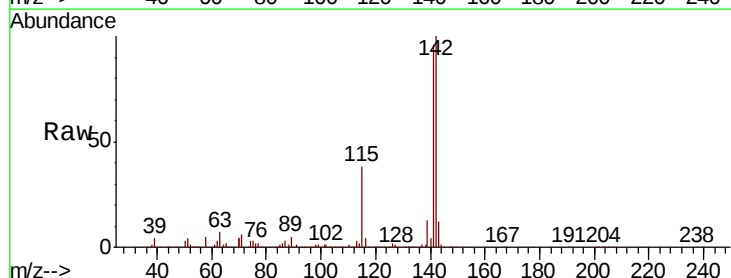
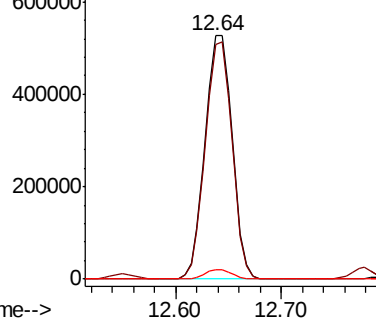
Tgt Ion	Ratio	Lower	Upper
142	100		
141	96.4	76.0	114.0
116	4.1	3.1	4.7

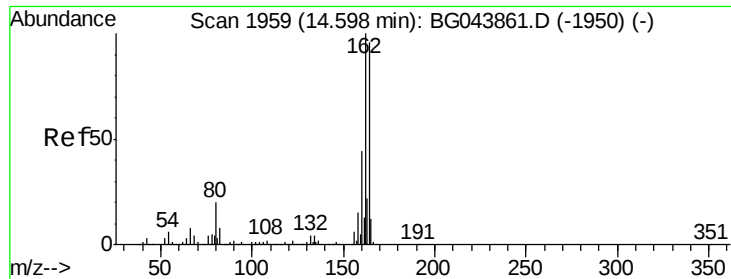
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





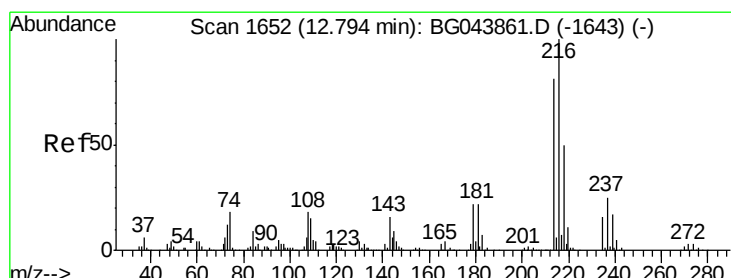
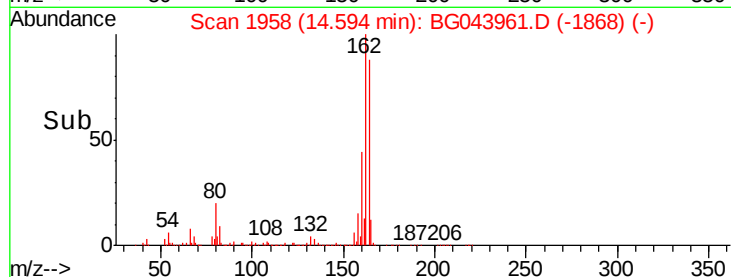
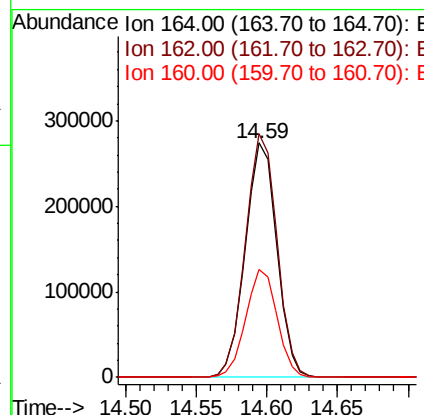
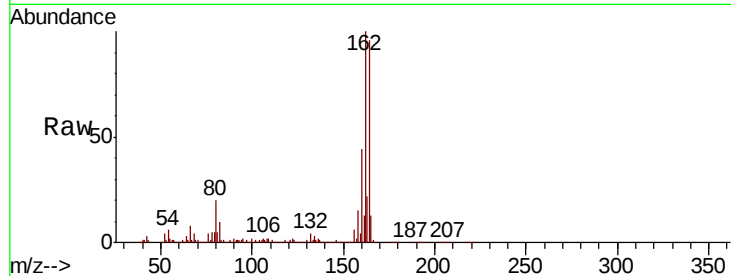
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.59 min Scan# 1958
Delta R.T. -0.00 min
Lab File: BG043961.D
Acq: 7 Jan 2020 19:32

Instrument :
BNA_G
ClientSampleId :
301-305MSD

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	103.9	83.0	124.4	
160	46.0	36.1	54.1	

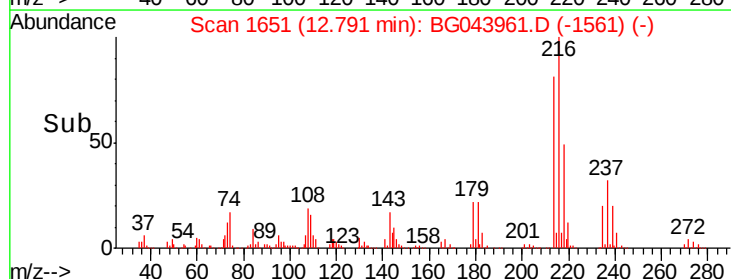
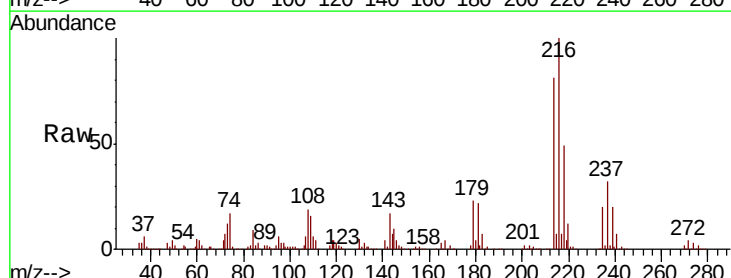
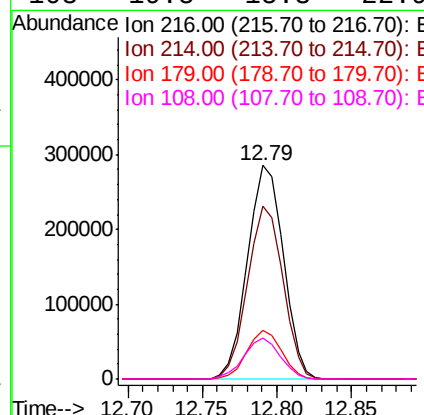
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 37.749 ng
RT: 12.79 min Scan# 1651
Delta R.T. -0.00 min
Lab File: BG043961.D
Acq: 7 Jan 2020 19:32

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	80.0	63.8	95.8	
179	22.1	17.3	25.9	
108	19.5	15.3	22.9	





#41

Hexachlorocyclopentadiene

Concen: 45.351 ng

RT: 12.78 min Scan# 1649

Delta R.T. -0.00 min

Lab File: BG043961.D

Acq: 7 Jan 2020 19:32

Instrument :

BNA_G

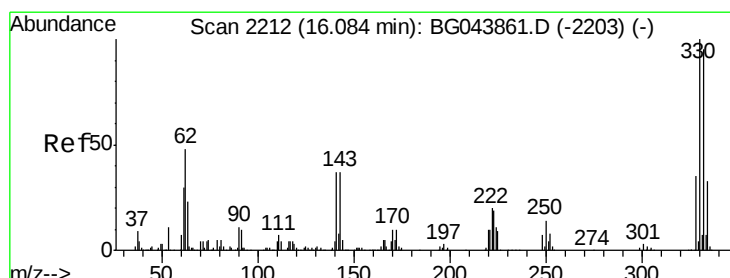
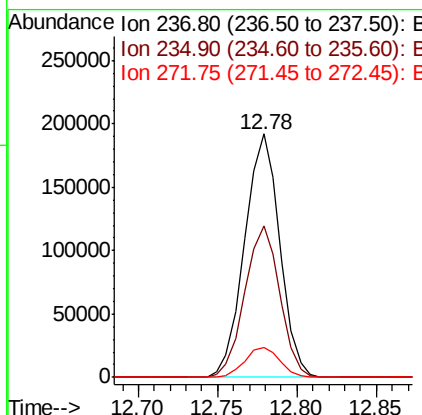
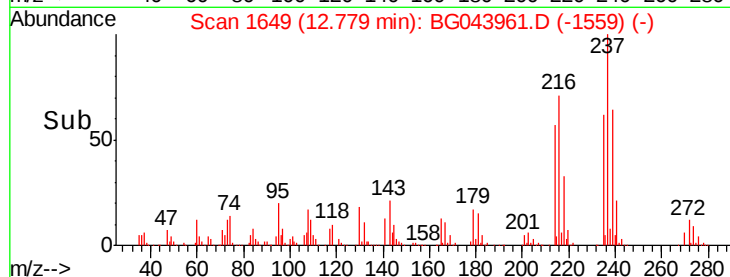
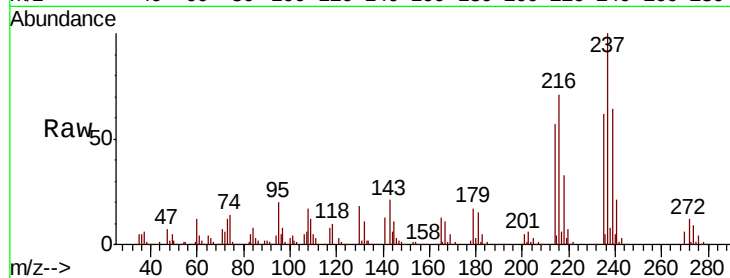
ClientSampleId :

301-305MSD

Tot Ion:	237	Resp:	295566
Ion Ratio	Lower	Upper	
237	100		
235	62.1	41.1	81.1
272	12.4	0.0	31.7

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#42

2,4,6-Tribromophenol

Concen: 63.003 ng

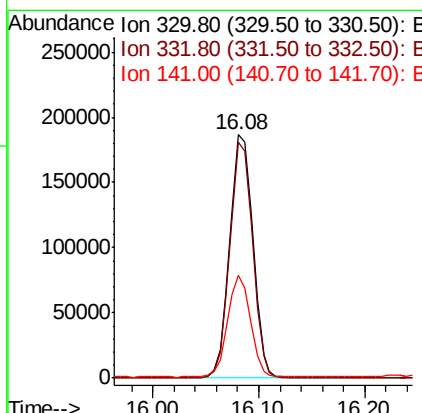
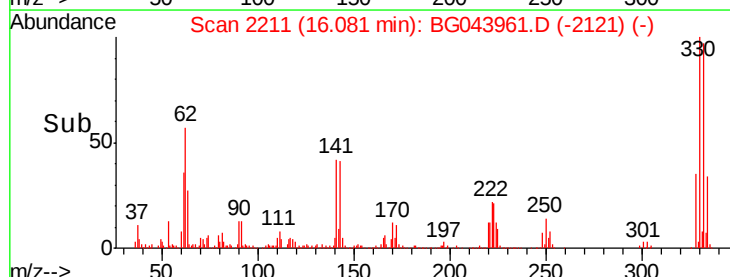
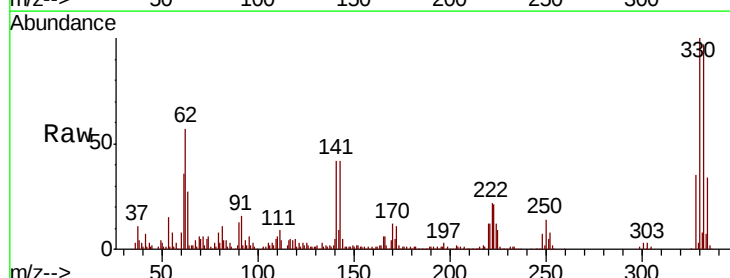
RT: 16.08 min Scan# 2211

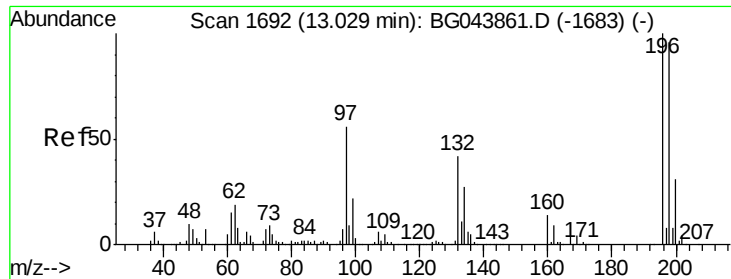
Delta R.T. -0.00 min

Lab File: BG043961.D

Acq: 7 Jan 2020 19:32

Tgt Ion:	330	Resp:	282775
Ion Ratio	Lower	Upper	
330	100		
332	95.0	77.2	115.8
141	41.1	33.1	49.7





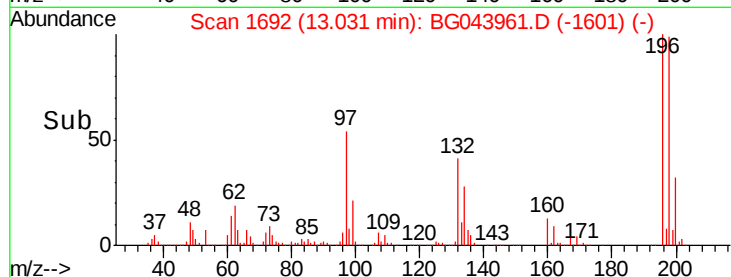
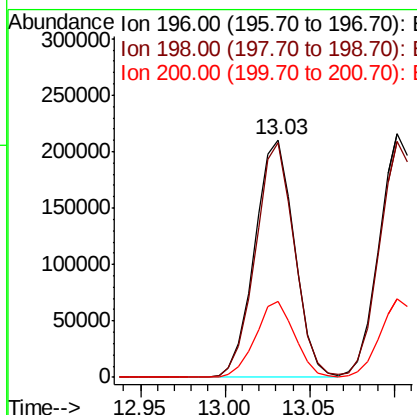
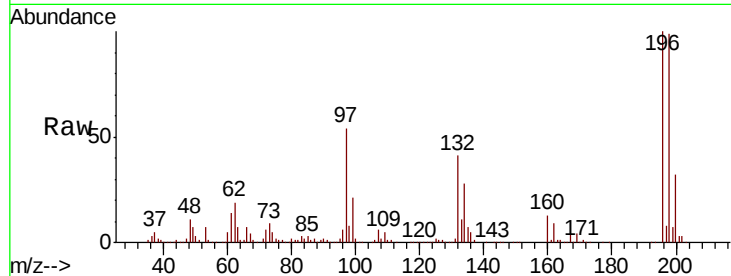
#43
 2,4,6-Trichlorophenol
 Concen: 39.705 ng
 RT: 13.03 min Scan# 1692
 Delta R.T. 0.00 min
 Lab File: BG043961.D
 Acq: 7 Jan 2020 19:32

Instrument :
 BNA_G
 ClientSampleId :
 301-305MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	343440		
198	98.8	76.6	115.0	
200	32.1	24.6	37.0	

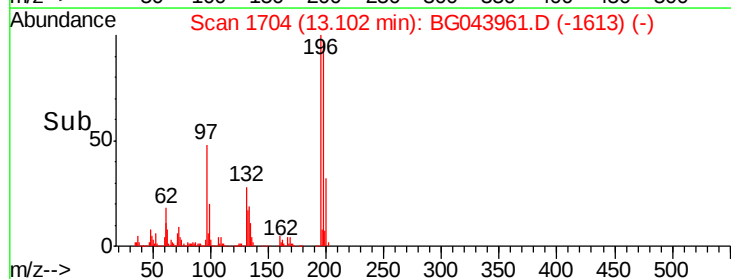
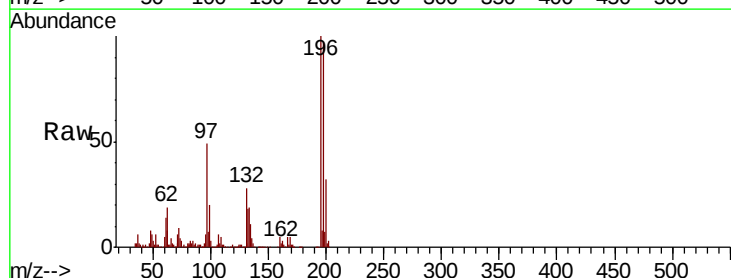
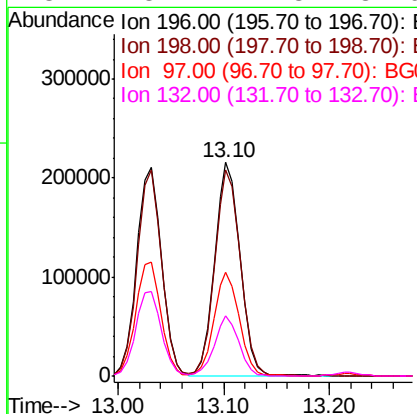
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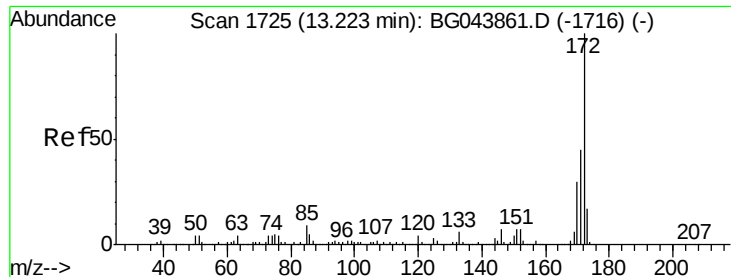
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 40.524 ng
 RT: 13.10 min Scan# 1704
 Delta R.T. 0.00 min
 Lab File: BG043961.D
 Acq: 7 Jan 2020 19:32

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	361528		
198	96.7	78.3	117.5	
97	48.6	38.8	58.2	
132	28.2	21.3	31.9	





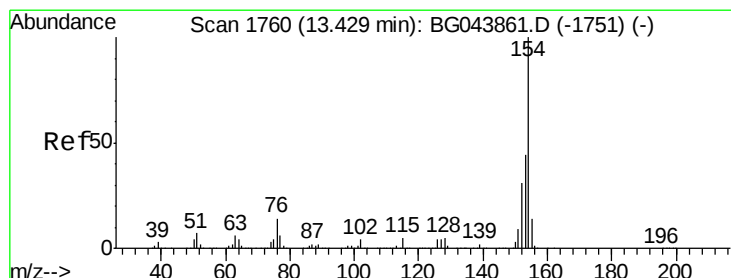
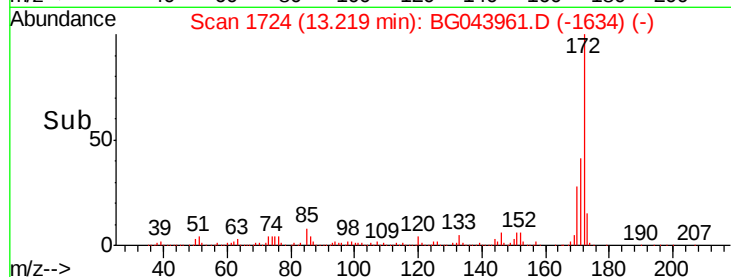
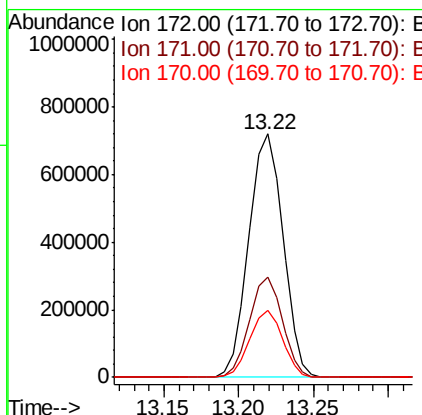
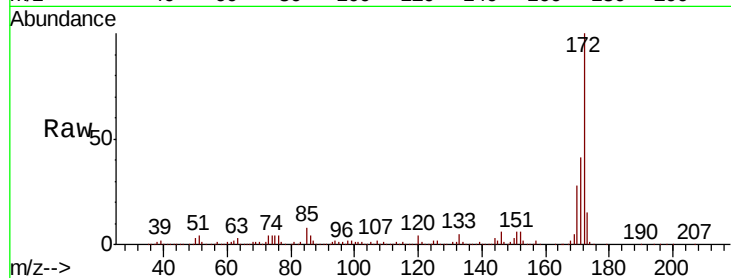
#45
2-Fluorobiphenyl
Concen: 48.254 ng
RT: 13.22 min Scan# 1724
Delta R.T. -0.00 min
Lab File: BG043961.D
Acq: 7 Jan 2020 19:32

Instrument :
BNA_G
ClientSampleId :
301-305MSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	40.9	35.8	53.8
170	27.6	24.2	36.4

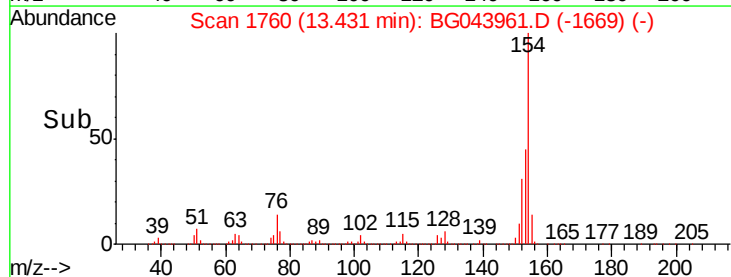
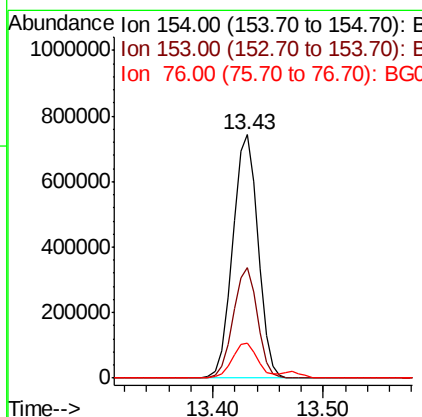
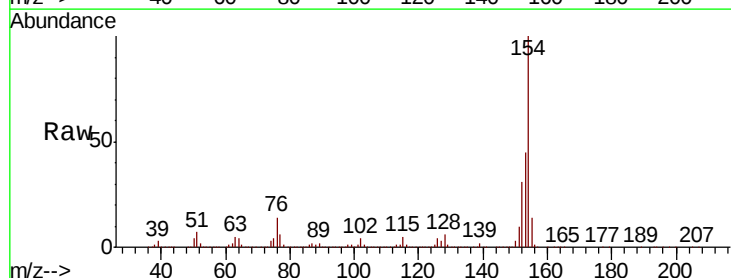
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#46
1,1'-Biphenyl
Concen: 38.830 ng
RT: 13.43 min Scan# 1760
Delta R.T. 0.00 min
Lab File: BG043961.D
Acq: 7 Jan 2020 19:32

Tgt Ion	Ratio	Lower	Upper
154	100		
153	45.3	23.6	63.6
76	14.4	0.0	34.4





#47

2-Chloronaphthalene

Concen: 37.977 ng

RT: 13.47 min Scan# 1767

Delta R.T. 0.00 min

Lab File: BG043961.D

Acq: 7 Jan 2020 19:32

Instrument :

BNA_G

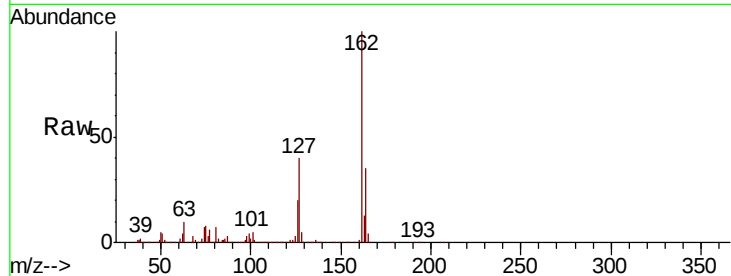
ClientSampleId :

301-305MSD

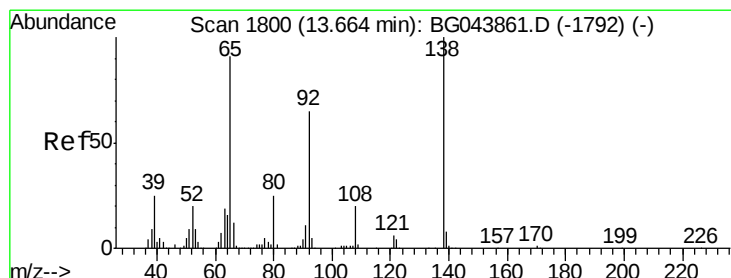
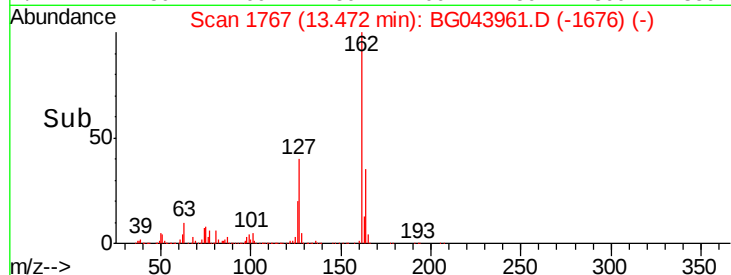
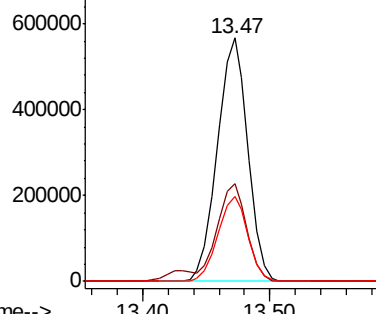
Tot Ion:	162	Resp:	943687
Ion Ratio	Lower	Upper	
162	100		
127	40.0	32.1	48.1
164	34.9	27.5	41.3

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



#48

2-Nitroaniline

Concen: 36.060 ng

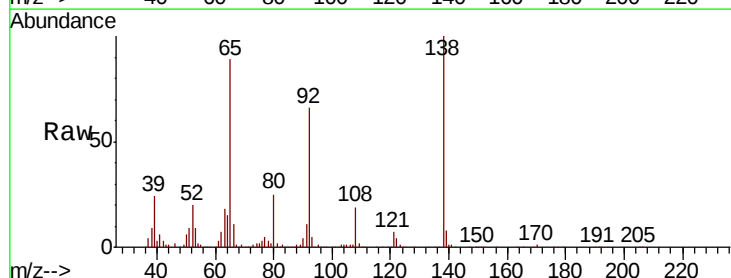
RT: 13.67 min Scan# 1800

Delta R.T. 0.00 min

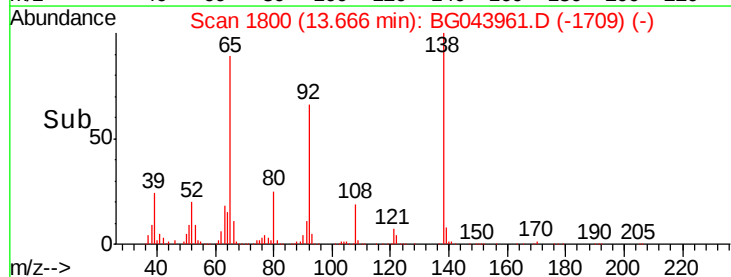
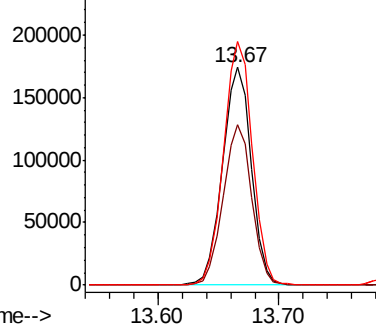
Lab File: BG043961.D

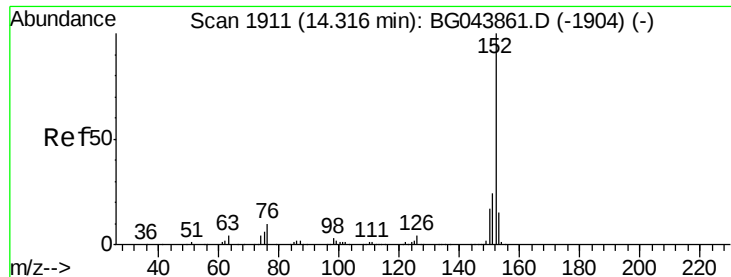
Acq: 7 Jan 2020 19:32

Tgt Ion:	65	Resp:	288231
Ion Ratio	Lower	Upper	
65	100		
92	73.9	57.4	86.2
138	112.0	88.2	132.4



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





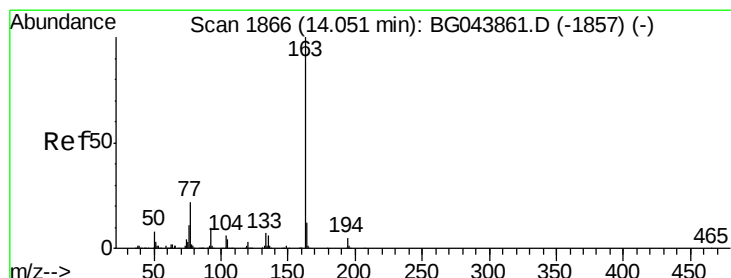
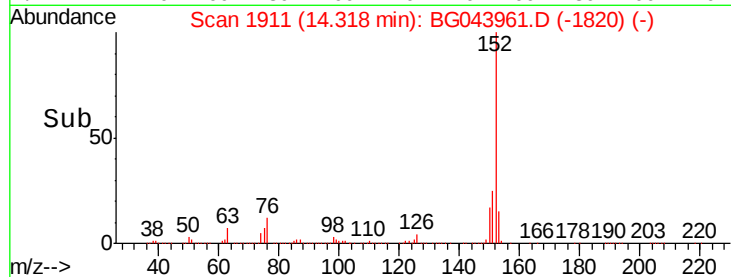
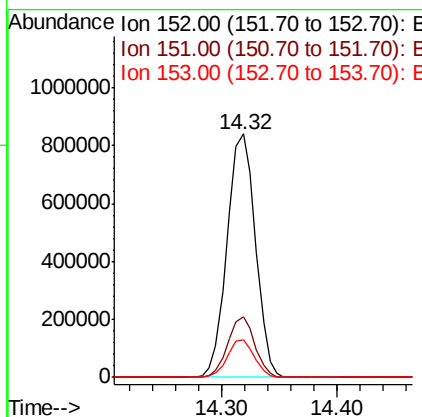
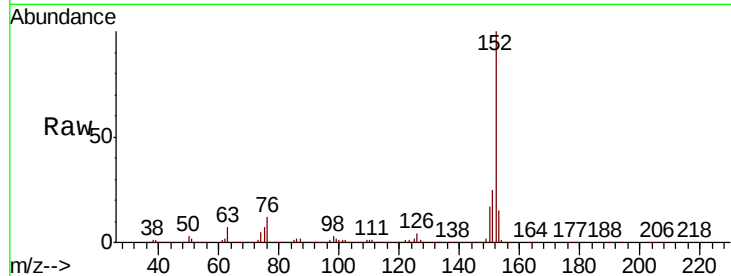
#49
Acenaphthylene
Concen: 39.912 ng
RT: 14.32 min Scan# 1911
Delta R.T. 0.00 min
Lab File: BG043961.D
Acq: 7 Jan 2020 19:32

Instrument :
BNA_G
ClientSampleId :
301-305MSD

Tot Ion	Ratio	Lower	Upper
152	100		
151	24.8	19.4	29.2
153	15.2	12.0	18.0

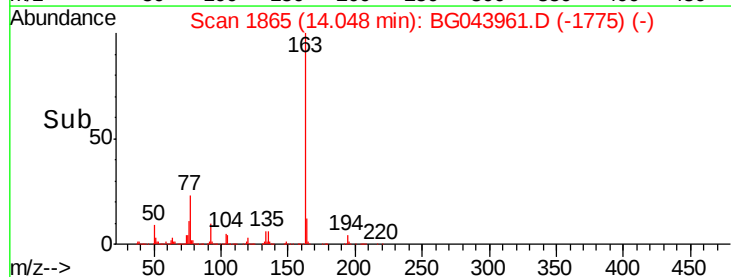
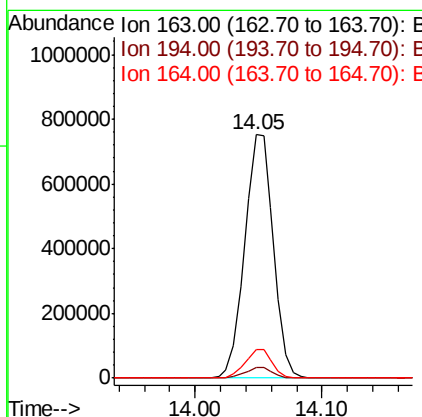
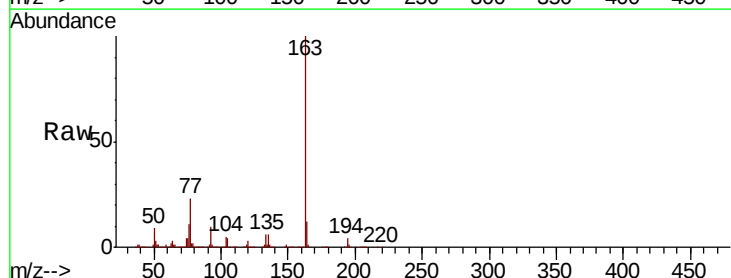
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#50
Dimethylphthalate
Concen: 38.516 ng
RT: 14.05 min Scan# 1865
Delta R.T. -0.00 min
Lab File: BG043961.D
Acq: 7 Jan 2020 19:32

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.7	5.5
164	11.7	9.3	13.9





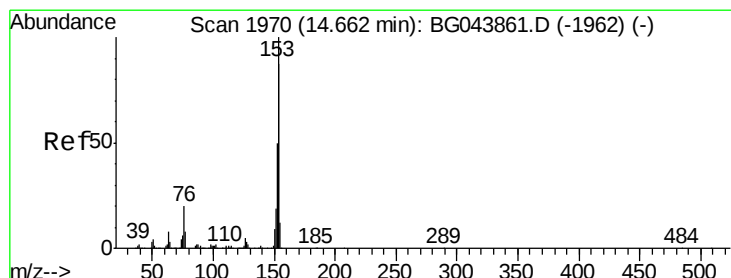
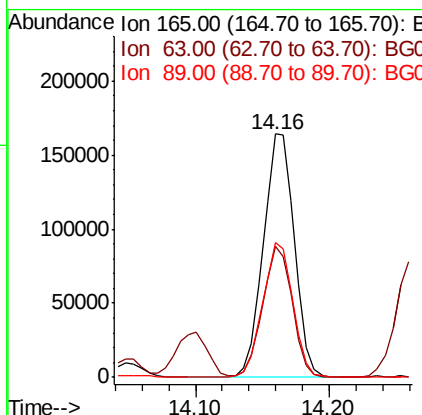
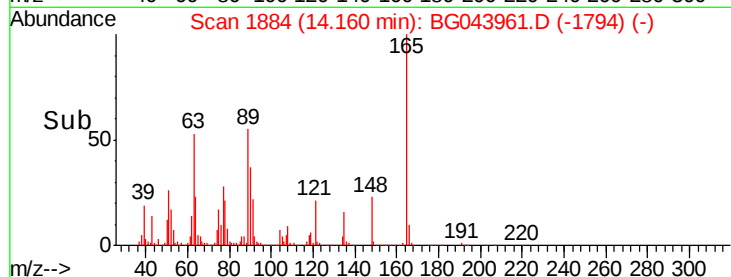
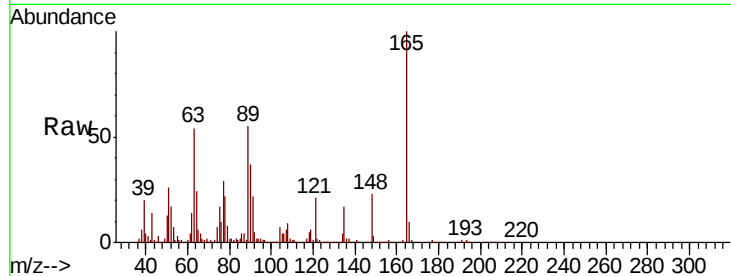
#51
2,6-Dinitrotoluene
Concen: 38.266 ng
RT: 14.16 min Scan# 1884
Delta R.T. -0.00 min
Lab File: BG043961.D
Acq: 7 Jan 2020 19:32

Instrument :
BNA_G
ClientSampleId :
301-305MSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	263389		
63	53.6		43.1	64.7
89	55.4		43.8	65.6

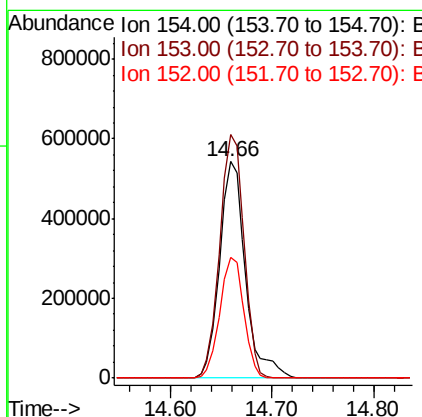
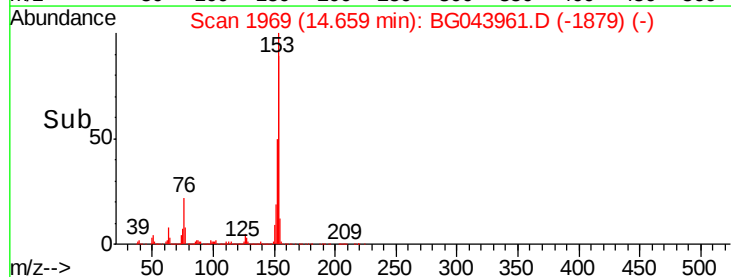
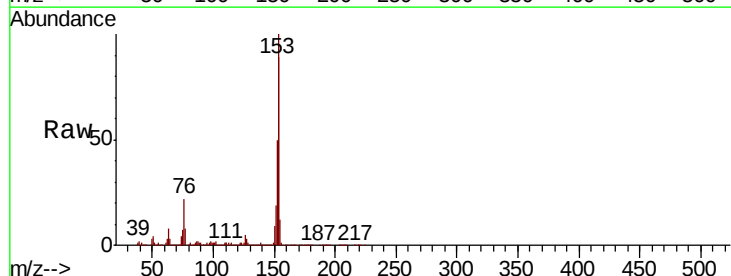
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#52
Acenaphthene
Concen: 38.428 ng
RT: 14.66 min Scan# 1969
Delta R.T. -0.00 min
Lab File: BG043961.D
Acq: 7 Jan 2020 19:32

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	962502		
153	112.5		91.6	137.4
152	55.8		45.4	68.0





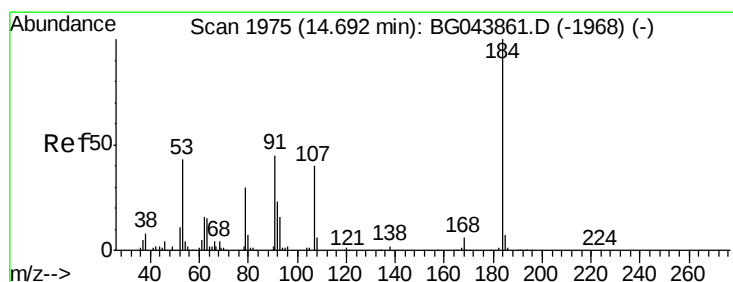
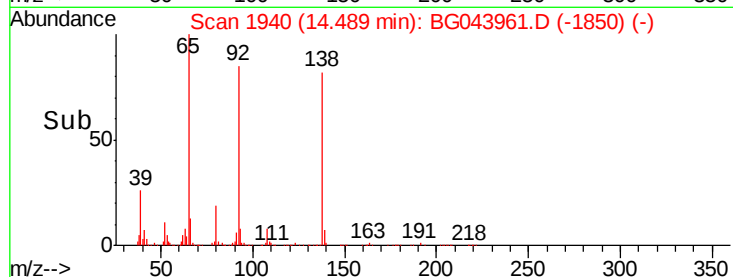
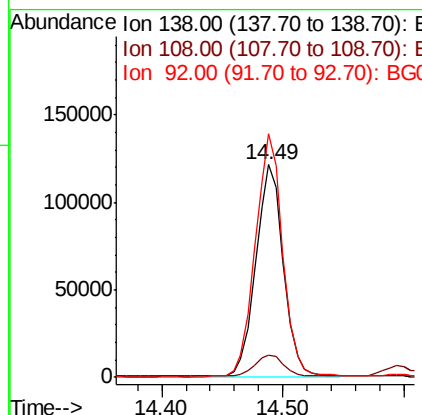
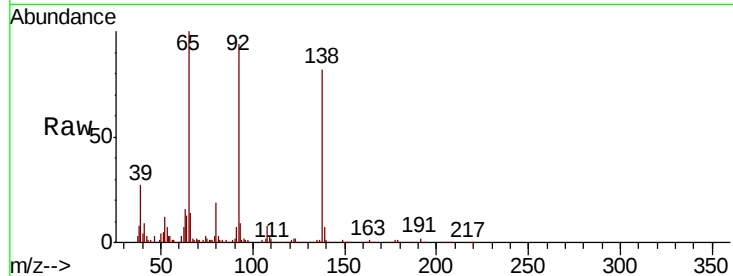
#53
3-Nitroaniline
Concen: 24.742 ng
RT: 14.49 min Scan# 1940
Delta R.T. -0.00 min
Lab File: BG043961.D
Acq: 7 Jan 2020 19:32

Instrument :
BNA_G
ClientSampleId :
301-305MSD

Tot Ion	Ratio	Resp	Lower	Upper
138	100	193392		
108	10.3	7.4	11.2	
92	114.6	92.1	138.1	

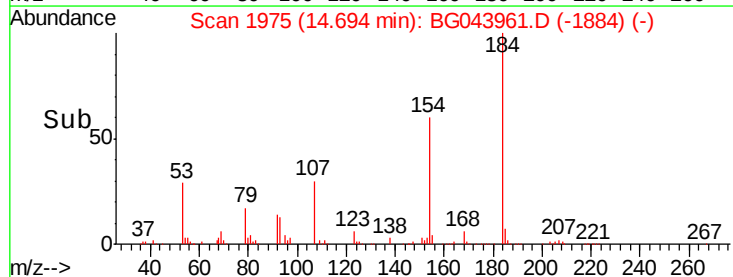
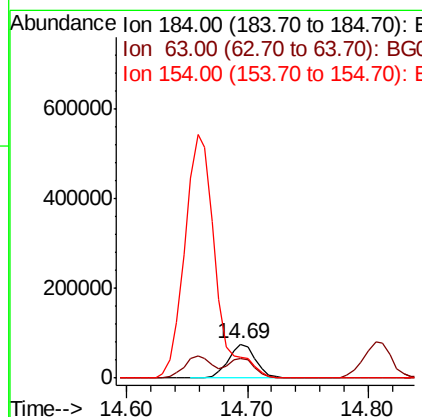
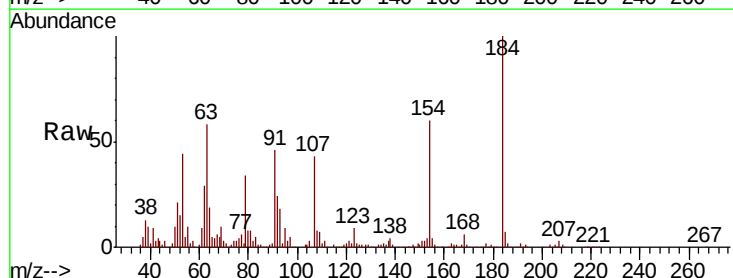
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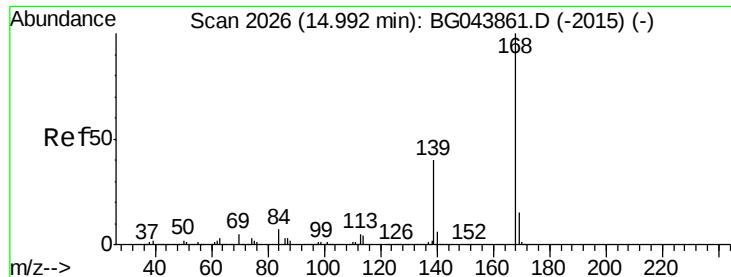
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#54
2,4-Dinitrophenol
Concen: 37.783 ng
RT: 14.69 min Scan# 1975
Delta R.T. 0.00 min
Lab File: BG043961.D
Acq: 7 Jan 2020 19:32

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	121597		
63	58.5	46.6	70.0	
154	60.3	50.2	75.4	





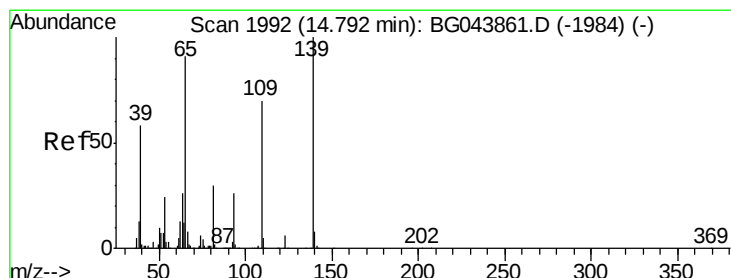
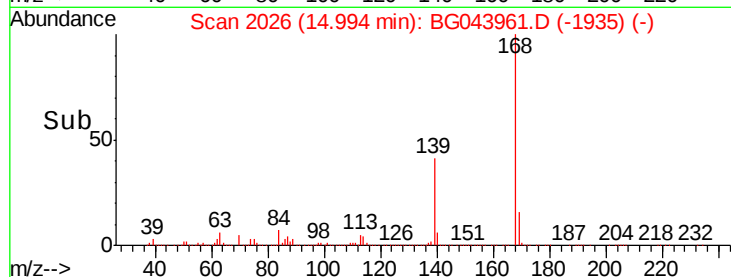
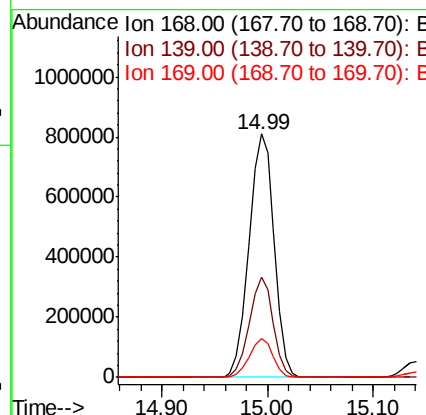
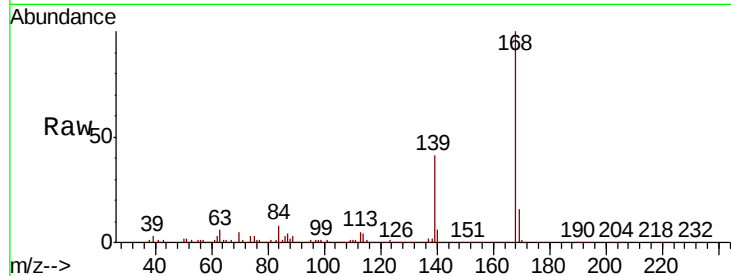
#55
Dibenzenofuran
Concen: 38.551 ng
RT: 14.99 min Scan# 2026
Delta R.T. 0.00 min
Lab File: BG043961.D
Acq: 7 Jan 2020 19:32

Instrument :
BNA_G
ClientSampleId :
301-305MSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	41.4	32.2	48.2
169	15.8	12.2	18.2

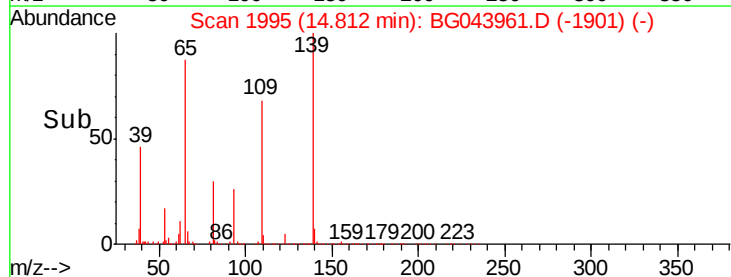
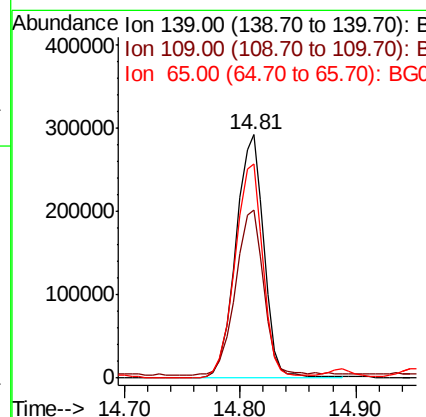
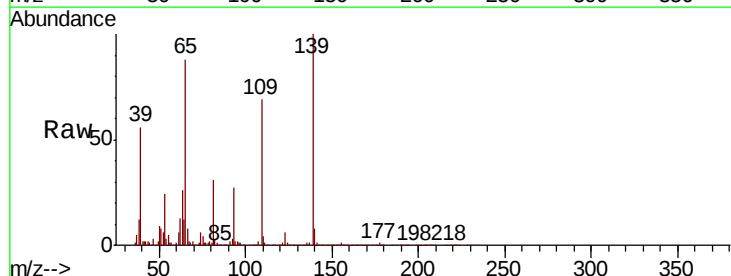
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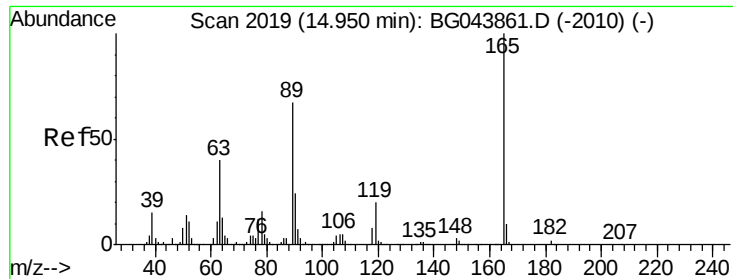
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#56
4-Nitrophenol
Concen: 81.911 ng
RT: 14.81 min Scan# 1995
Delta R.T. 0.02 min
Lab File: BG043961.D
Acq: 7 Jan 2020 19:32

Tgt Ion	Ratio	Lower	Upper
139	100		
109	68.8	50.4	90.4
65	88.2	71.4	111.4





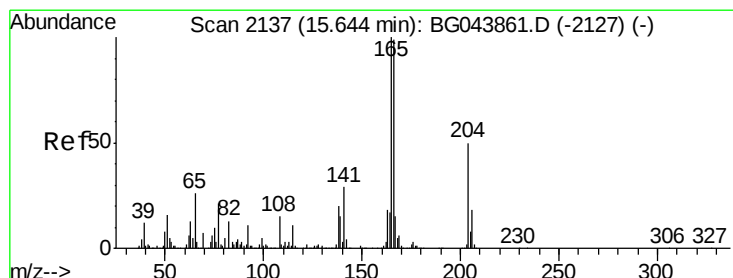
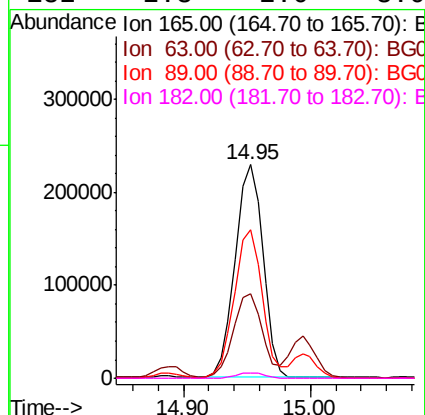
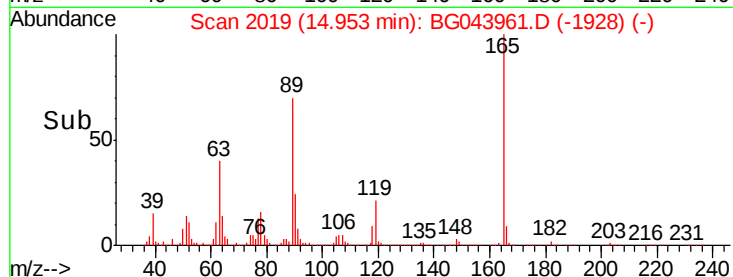
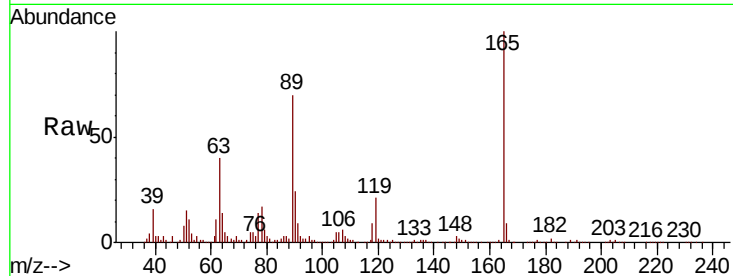
#57
2,4-Dinitrotoluene
Concen: 37.203 ng
RT: 14.95 min Scan# 2019
Delta R.T. 0.00 min
Lab File: BG043961.D
Acq: 7 Jan 2020 19:32

Instrument :
BNA_G
ClientSampleId :
301-305MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		348435		
63	39.6	31.9	47.9		
89	69.8	53.8	80.6		
182	2.3	2.0	3.0		

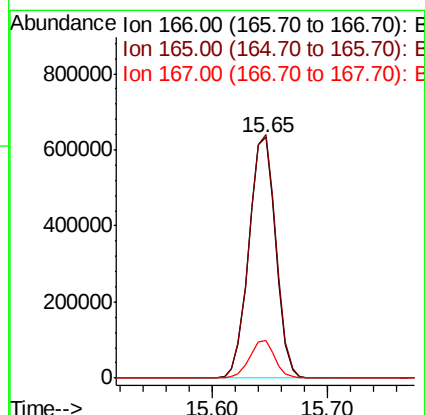
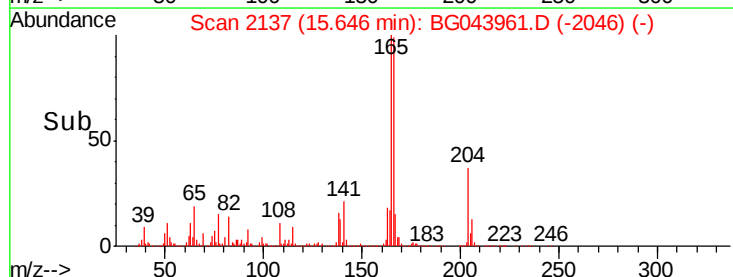
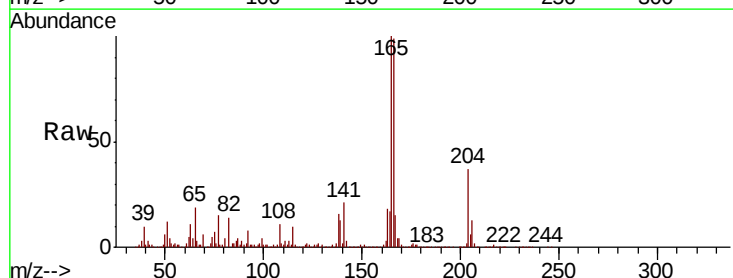
Manual Integrations
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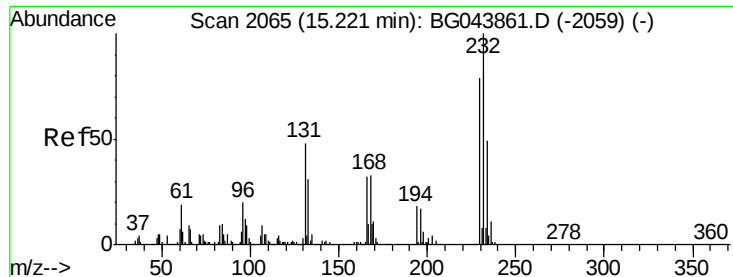
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#58
Fluorene
Concen: 37.270 ng
RT: 15.65 min Scan# 2137
Delta R.T. 0.00 min
Lab File: BG043961.D
Acq: 7 Jan 2020 19:32

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		1018532		
165	101.2	80.8	121.2		
167	15.5	12.1	18.1		





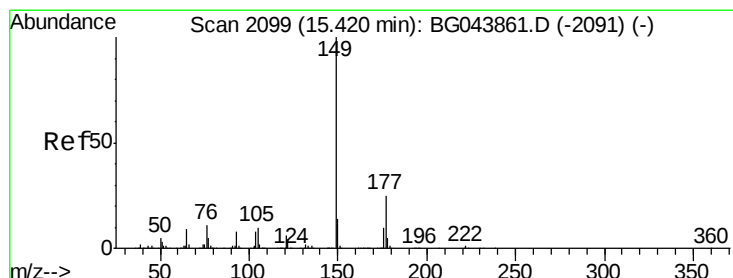
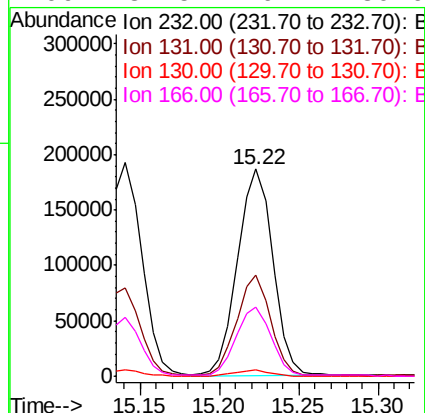
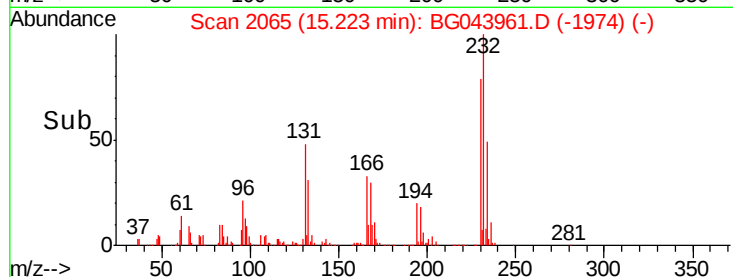
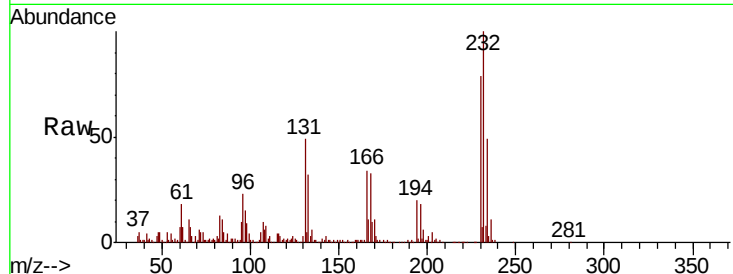
#59
2,3,4,6-Tetrachlorophenol
Concen: 37.616 ng
RT: 15.22 min Scan# 2065
Delta R.T. 0.00 min
Lab File: BG043961.D
Acq: 7 Jan 2020 19:32

Instrument :
BNA_G
ClientSampleId :
301-305MSD

Tot Ion	Ratio	Lower	Upper
232	100		
131	47.0	38.2	57.2
130	2.7	2.2	3.2
166	32.5	26.4	39.6

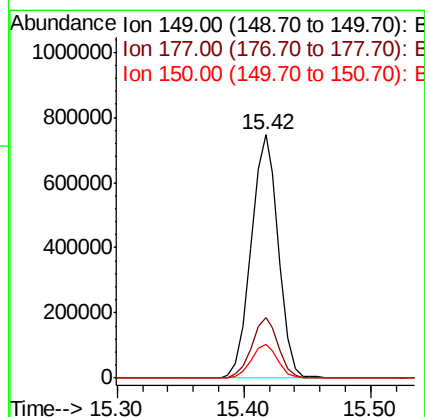
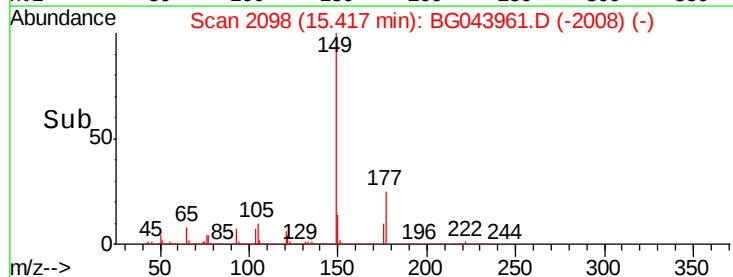
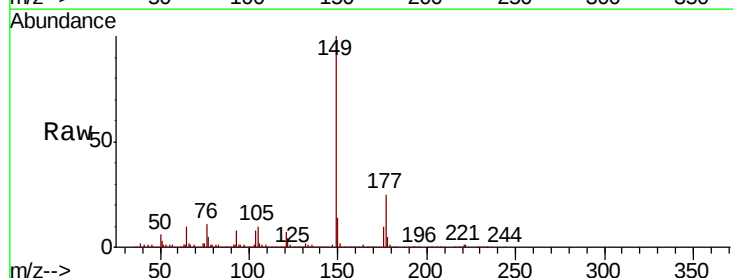
Manual Integrations
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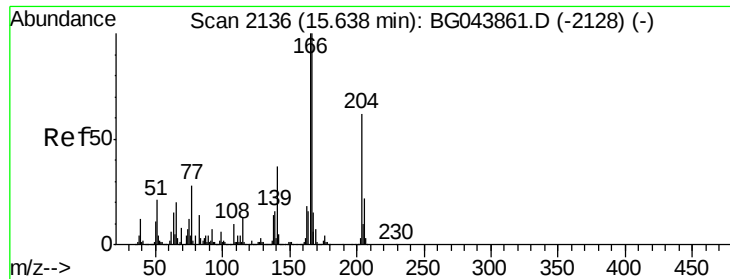
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#60
Diethylphthalate
Concen: 36.135 ng
RT: 15.42 min Scan# 2098
Delta R.T. -0.00 min
Lab File: BG043961.D
Acq: 7 Jan 2020 19:32

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





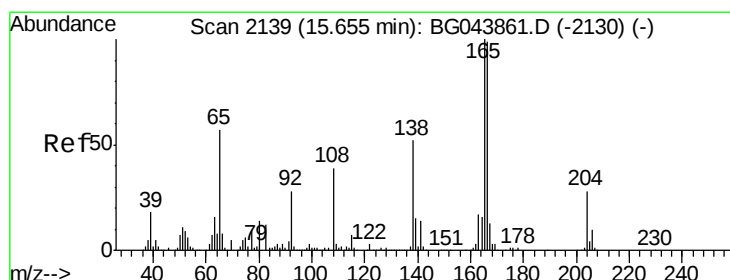
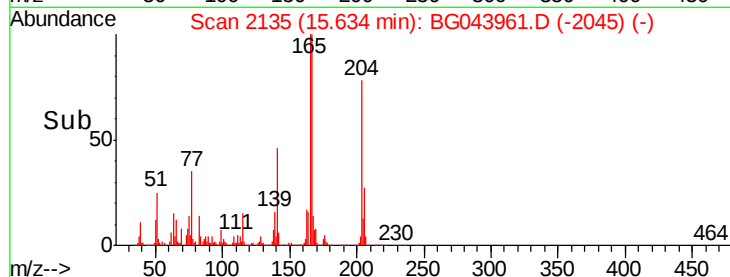
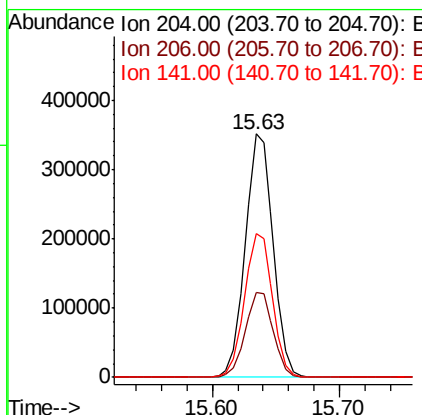
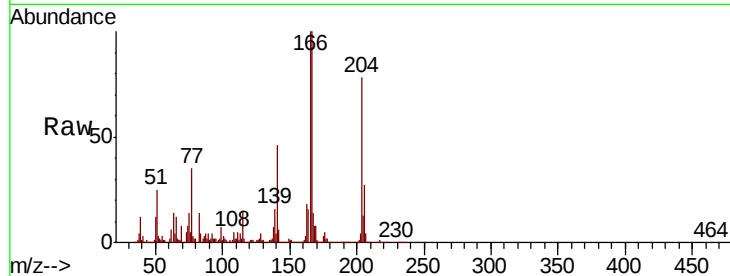
#61
4-Chlorophenyl-phenylether
Concen: 35.887 ng
RT: 15.63 min Scan# 2135
Delta R.T. -0.00 min
Lab File: BG043961.D
Acq: 7 Jan 2020 19:32

Instrument :
BNA_G
ClientSampleId :
301-305MSD

Tot Ion	Ratio	Resp Lower	Upper
204	100		
206	35.0	28.2	42.2
141	59.1	48.2	72.2

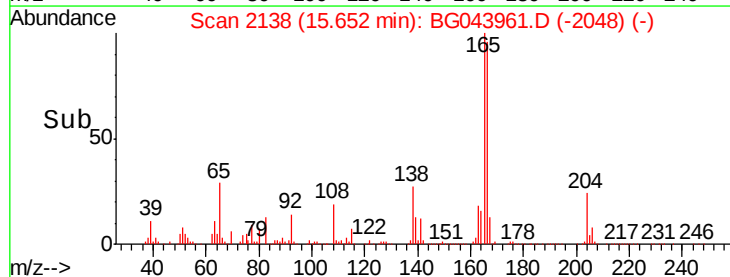
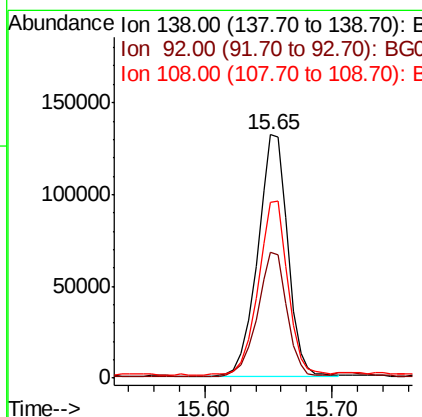
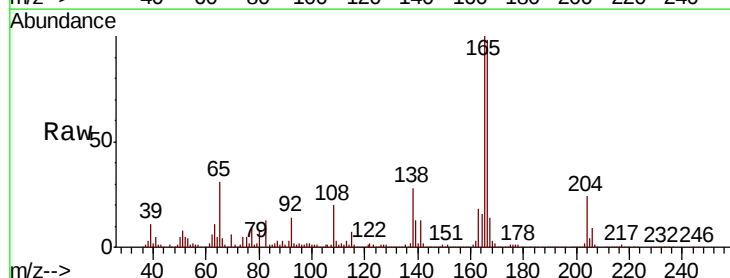
Manual Integrations
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#62
4-Nitroaniline
Concen: 28.244 ng
RT: 15.65 min Scan# 2138
Delta R.T. -0.00 min
Lab File: BG043961.D
Acq: 7 Jan 2020 19:32

Tgt Ion	Ratio	Resp Lower	Upper
138	100		
92	51.5	34.3	74.3
108	72.0	55.0	95.0





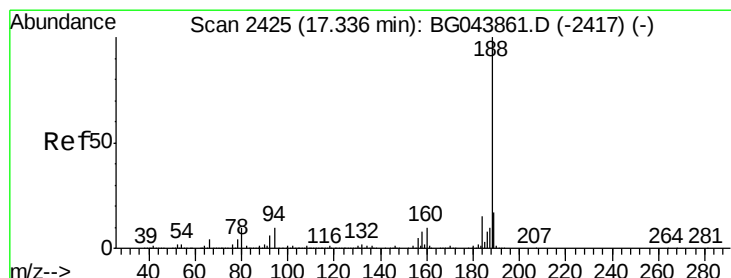
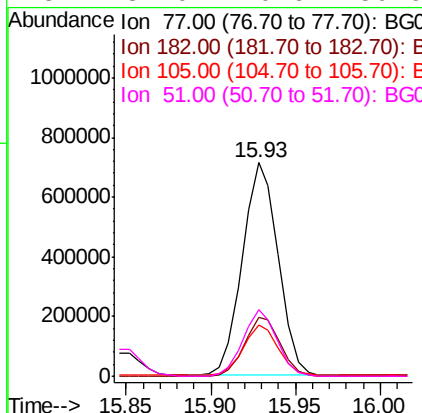
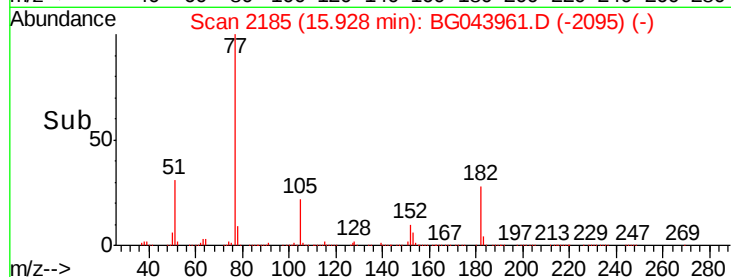
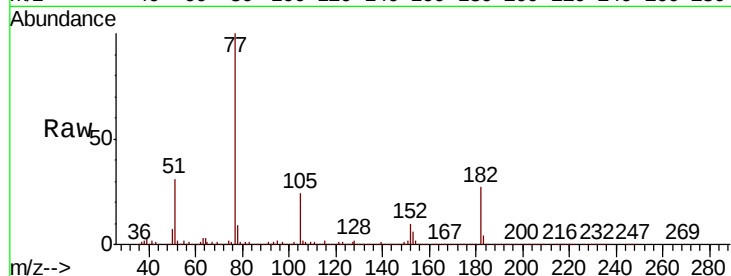
#63
Azobenzene
Concen: 37.070 ng
RT: 15.93 min Scan# 2185
Delta R.T. -0.00 min
Lab File: BG043961.D
Acq: 7 Jan 2020 19:32

Instrument :
BNA_G
ClientSampleId :
301-305MSD

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	27.4	7.3	47.3	
105	23.8	3.2	43.2	
51	31.0	10.6	50.6	

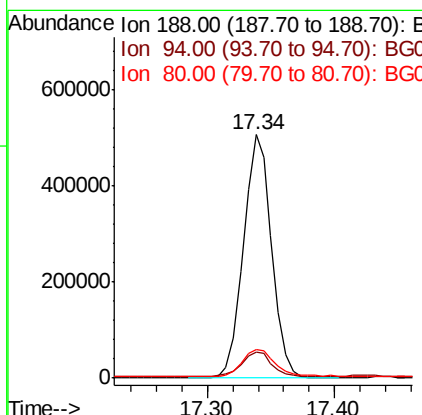
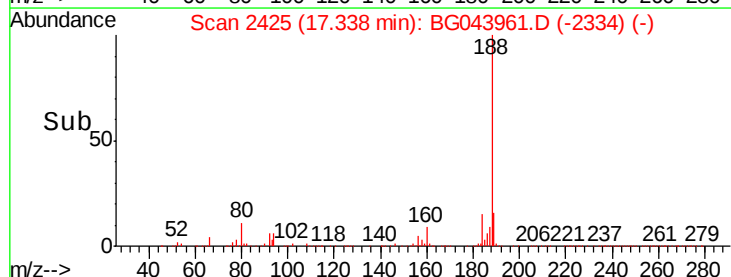
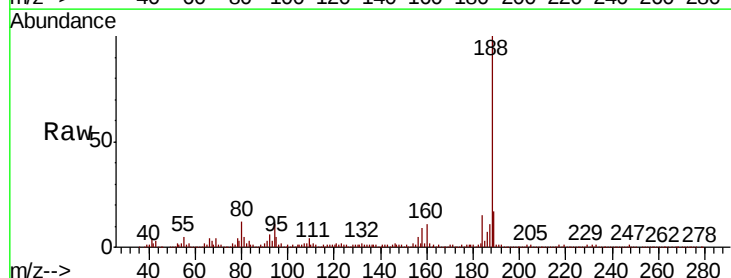
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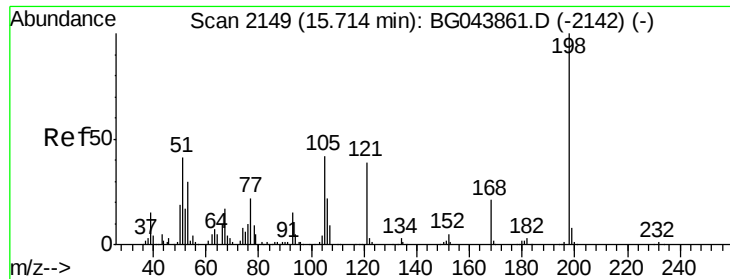
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.34 min Scan# 2425
Delta R.T. 0.00 min
Lab File: BG043961.D
Acq: 7 Jan 2020 19:32

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	10.6	7.9	11.9	
80	11.9	8.2	12.4	





#65

4,6-Dinitro-2-methylphenol

Concen: 25.508 ng

RT: 15.72 min Scan# 2149

Delta R.T. 0.00 min

Lab File: BG043961.D

Acq: 7 Jan 2020 19:32

Instrument :

BNA_G

ClientSampleId :

301-305MSD

Tot Ion:198 Resp: 92268

Ion Ratio Lower Upper

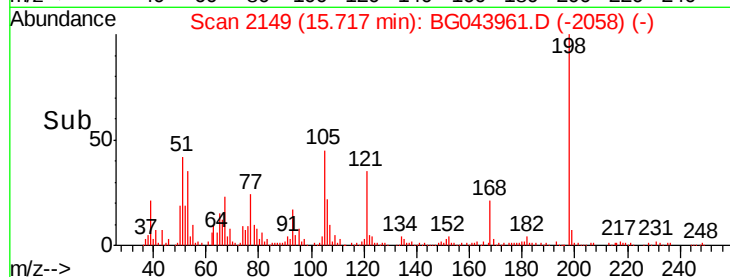
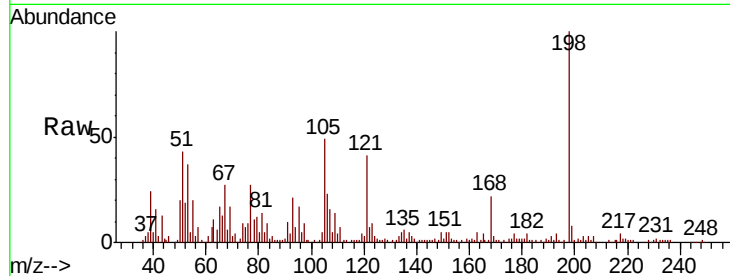
198 100

51 43.0 22.5 62.5

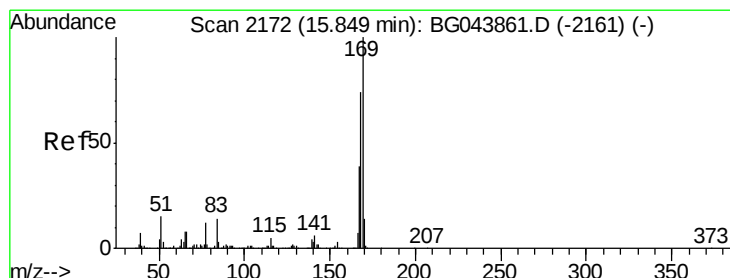
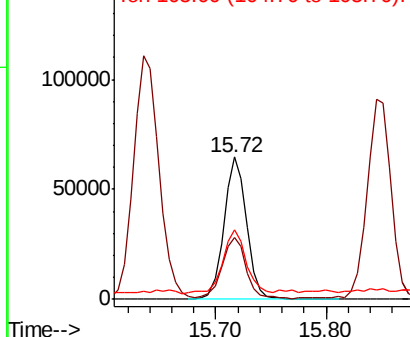
105 49.0 22.3 62.3

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



#66

n-Nitrosodiphenylamine

Concen: 41.864 ng

RT: 15.85 min Scan# 2172

Delta R.T. 0.00 min

Lab File: BG043961.D

Acq: 7 Jan 2020 19:32

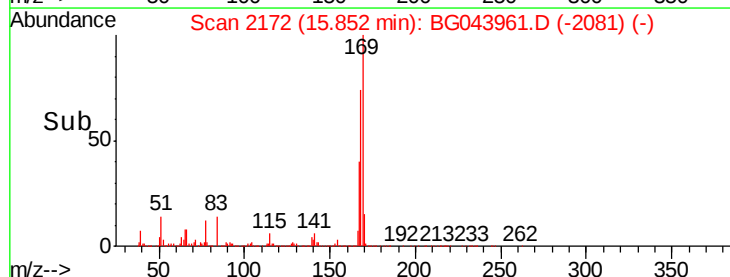
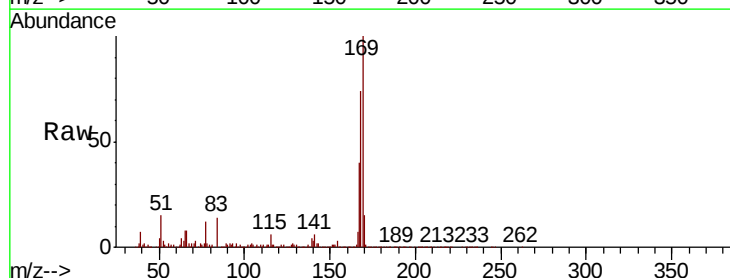
Tgt Ion:169 Resp: 949839

Ion Ratio Lower Upper

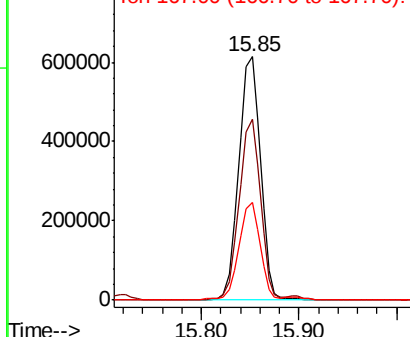
169 100

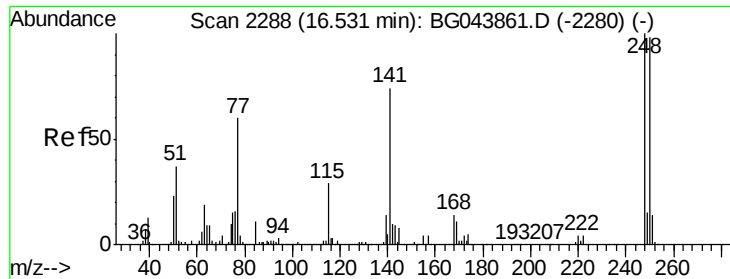
168 74.4 59.0 88.6

167 40.2 31.4 47.0



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





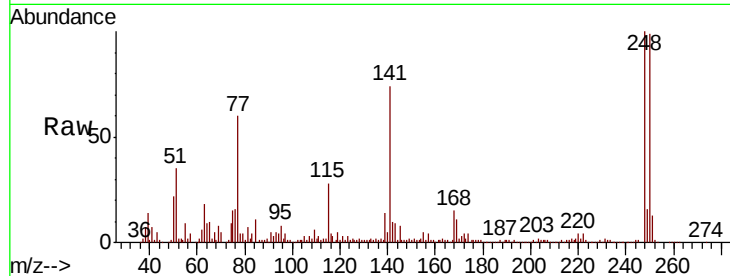
#67
4-Bromophenyl-phenylether
Concen: 37.171 ng
RT: 16.53 min Scan# 2288
Delta R.T. 0.00 min
Lab File: BG043961.D
Acq: 7 Jan 2020 19:32

Instrument :
BNA_G
ClientSampleId :
301-305MSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.7	78.2	117.2
141	73.9	59.3	88.9

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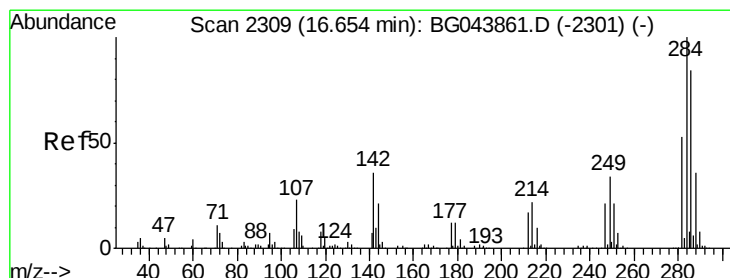
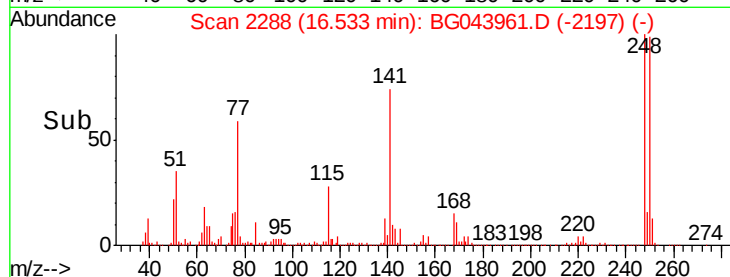
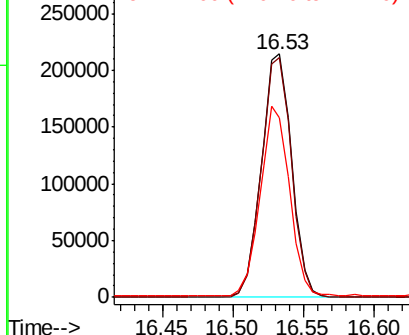


Abundance

Ion 248.00 (247.70 to 248.70): E

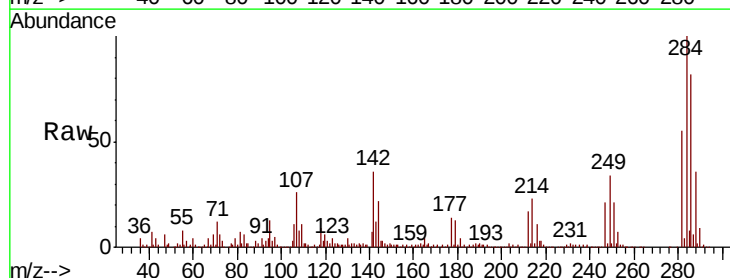
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 36.698 ng
RT: 16.66 min Scan# 2309
Delta R.T. 0.00 min
Lab File: BG043961.D
Acq: 7 Jan 2020 19:32

Tgt Ion	Ratio	Lower	Upper
284	100		
142	36.5	28.6	43.0
249	33.7	27.0	40.6

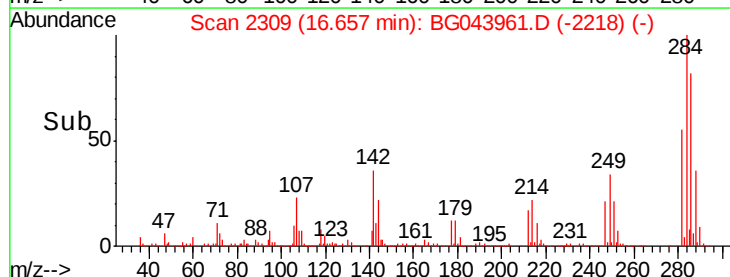
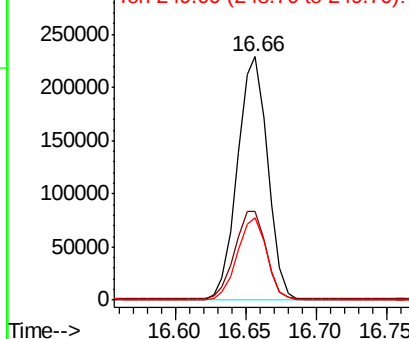


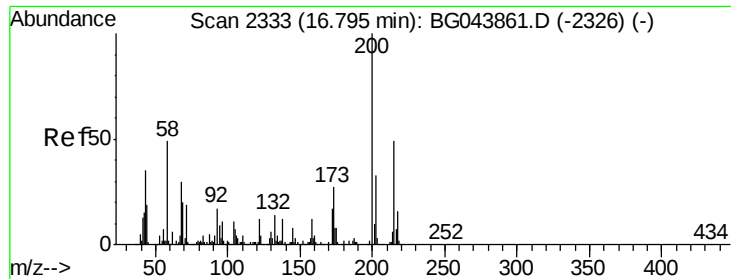
Abundance

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





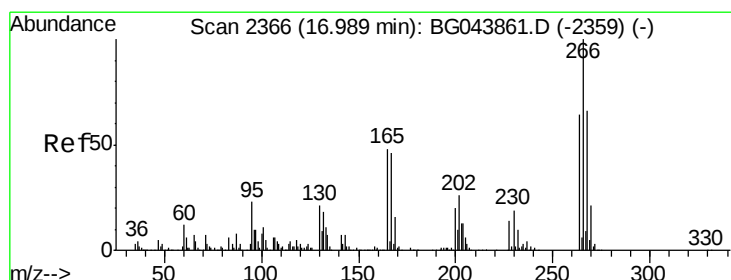
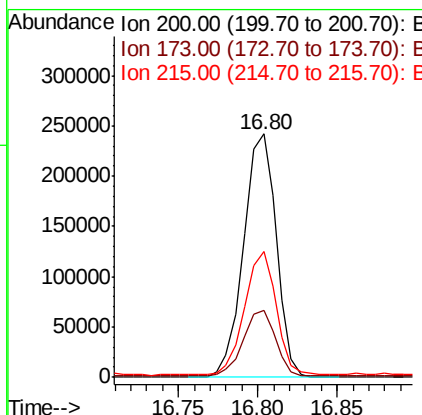
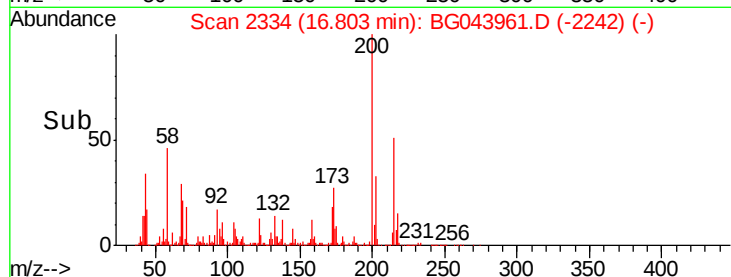
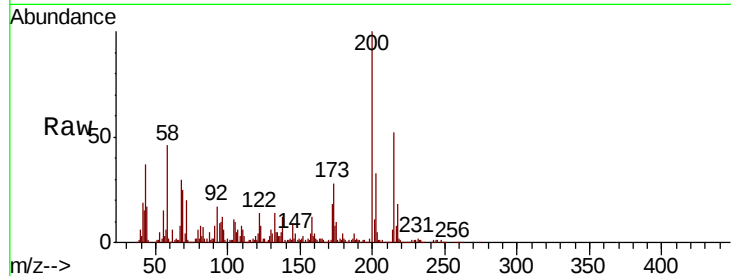
#69
Atrazine
Concen: 46.863 ng
RT: 16.80 min Scan# 2334
Delta R.T. 0.01 min
Lab File: BG043961.D
Acq: 7 Jan 2020 19:32

Instrument :
BNA_G
ClientSampleId :
301-305MSD

Tot Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	27.7	6.6	46.6
215	51.9	28.6	68.6

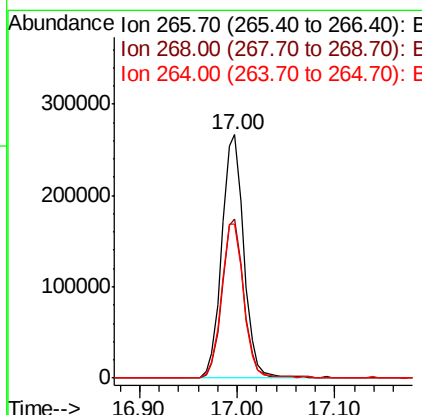
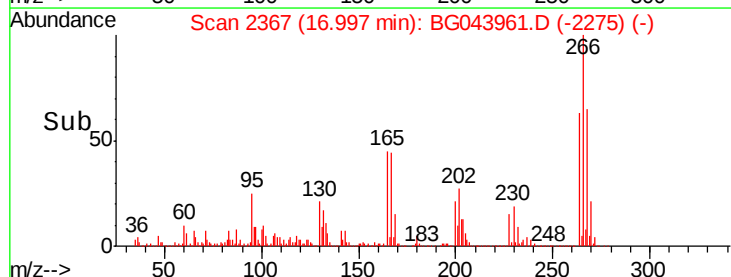
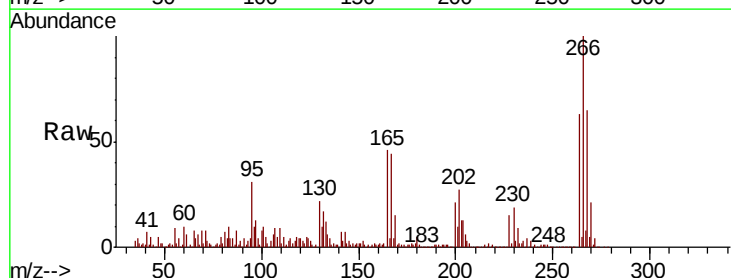
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#70
Pentachlorophenol
Concen: 81.285 ng
RT: 17.00 min Scan# 2367
Delta R.T. 0.01 min
Lab File: BG043961.D
Acq: 7 Jan 2020 19:32

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	65.2	52.6	79.0
264	63.5	50.8	76.2





#71

Phenanthrene

Concen: 45.491 ng

RT: 17.39 min Scan# 2433

Delta R.T. 0.00 min

Lab File: BG043961.D

Acq: 7 Jan 2020 19:32

Instrument :

BNA_G

ClientSampled :

301-305MSD

Tot Ion:178 Resp: 1681091

Ion Ratio Lower Upper

178 100

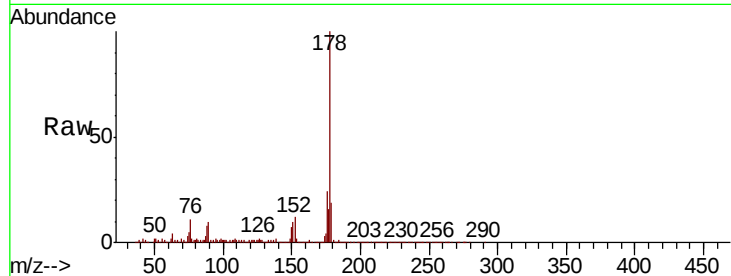
176 24.4 18.6 28.0

179 19.1 14.4 21.6

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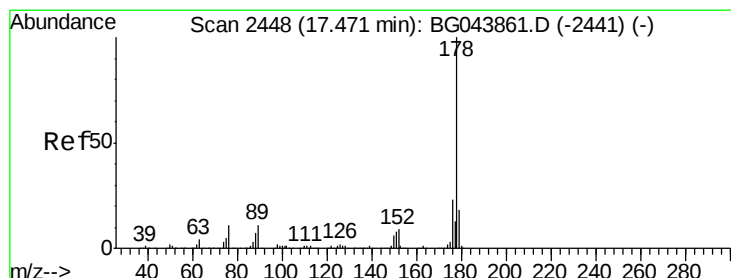
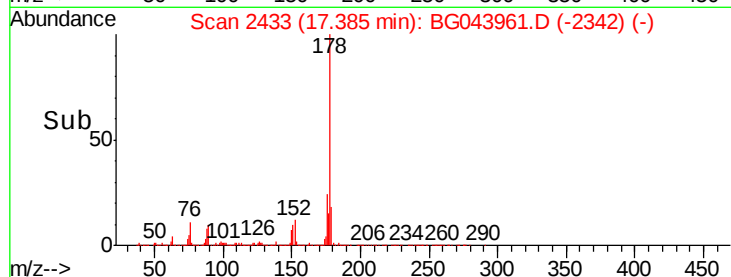
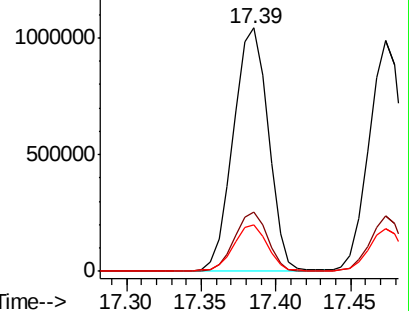
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 42.379 ng

RT: 17.47 min Scan# 2448

Delta R.T. 0.00 min

Lab File: BG043961.D

Acq: 7 Jan 2020 19:32

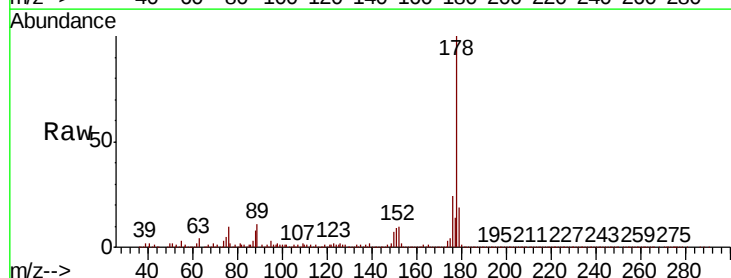
Tgt Ion:178 Resp: 1547740

Ion Ratio Lower Upper

178 100

176 24.0 18.3 27.5

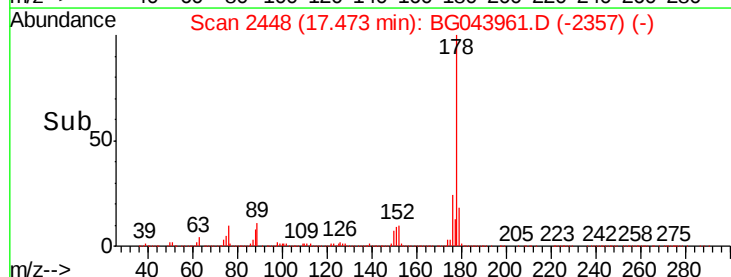
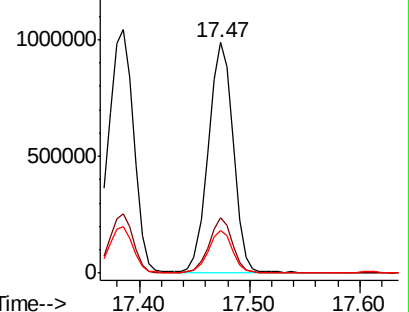
179 18.8 14.6 22.0

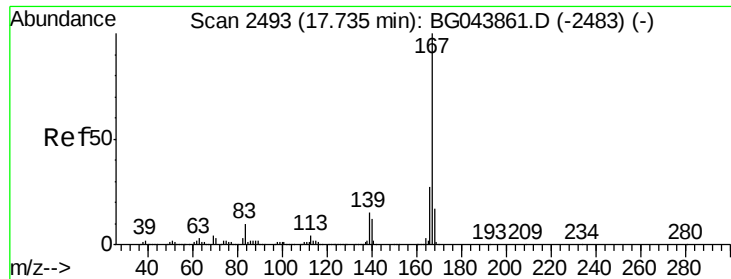


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





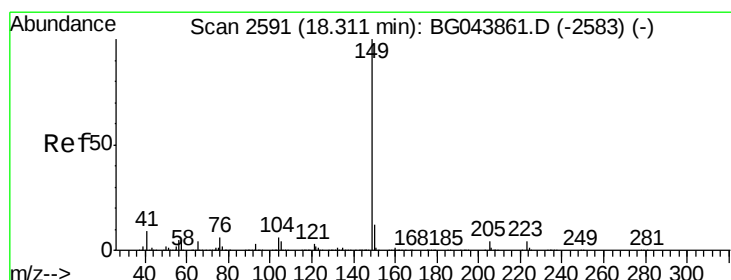
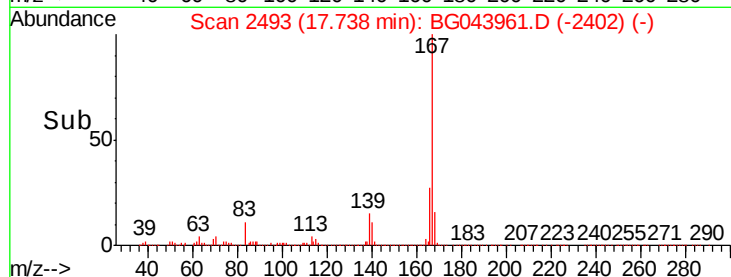
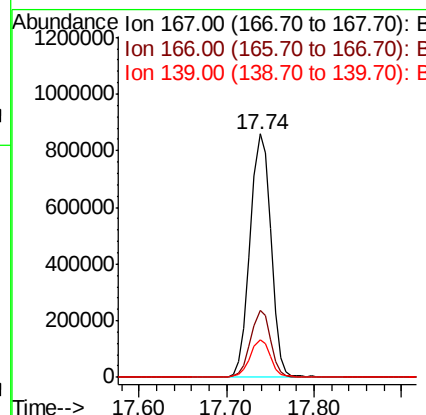
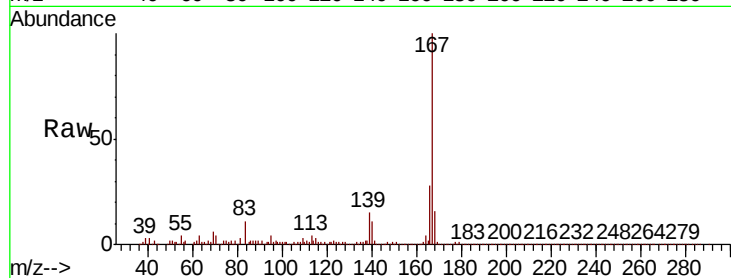
#73
 Carbazole
 Concen: 40.509 ng
 RT: 17.74 min Scan# 2493
 Delta R.T. 0.00 min
 Lab File: BG043961.D
 Acq: 7 Jan 2020 19:32

Instrument :
 BNA_G
 ClientSampleId :
 301-305MSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	27.5	21.6	32.4
139	15.5	12.1	18.1

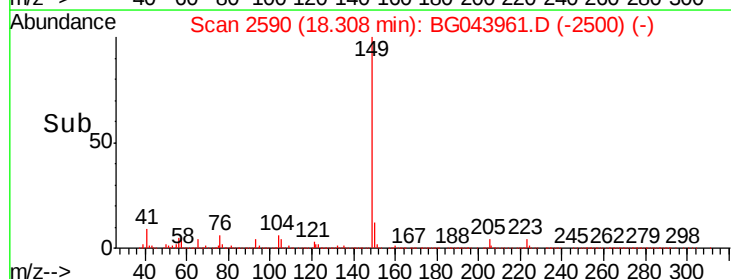
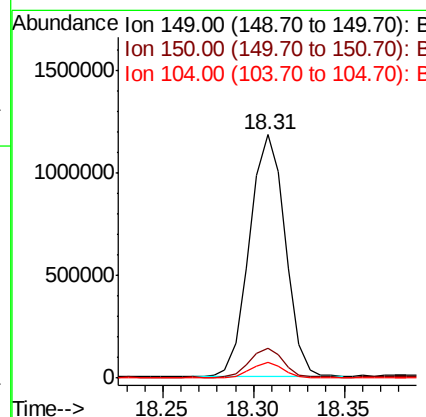
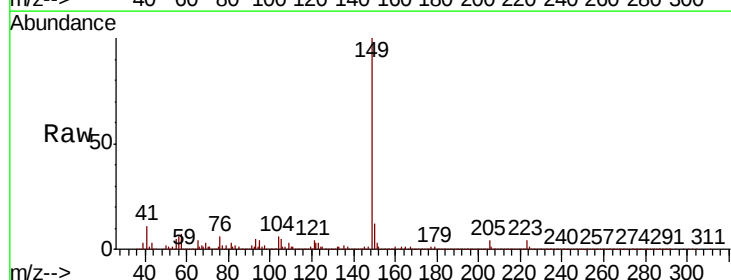
Manual Integrations
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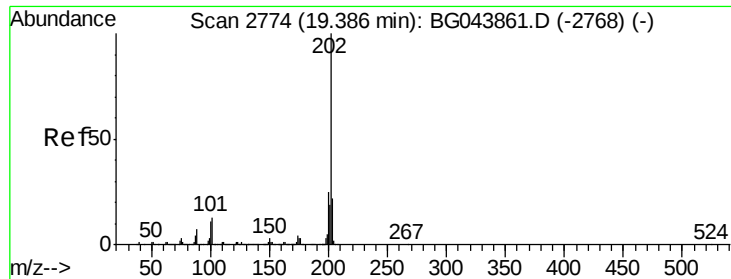
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#74
 Di-n-butylphthalate
 Concen: 37.492 ng
 RT: 18.31 min Scan# 2590
 Delta R.T. -0.00 min
 Lab File: BG043961.D
 Acq: 7 Jan 2020 19:32

Tgt Ion	Ratio	Lower	Upper
149	100		
150	12.5	9.7	14.5
104	6.4	5.0	7.4





#75

Fluoranthene

Concen: 39.689 ng

RT: 19.39 min Scan# 2774

Delta R.T. 0.00 min

Lab File: BG043961.D

Acq: 7 Jan 2020 19:32

Instrument :

BNA_G

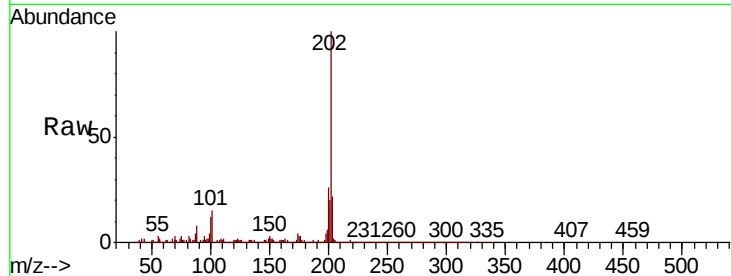
ClientSampleId :

301-305MSD

Tot Ion:	202	Resp:	1677365
Ion	Ratio	Lower	Upper
202	100		
101	14.7	0.0	33.3
203	22.4	1.6	41.6

Manual Integrations
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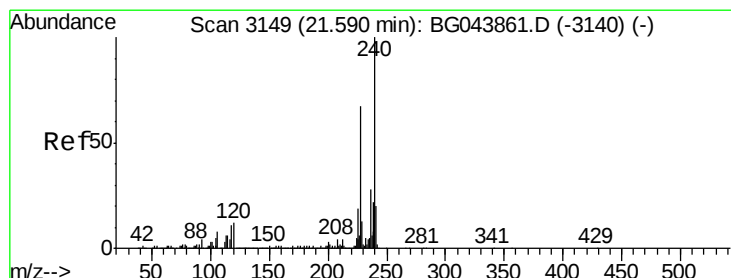
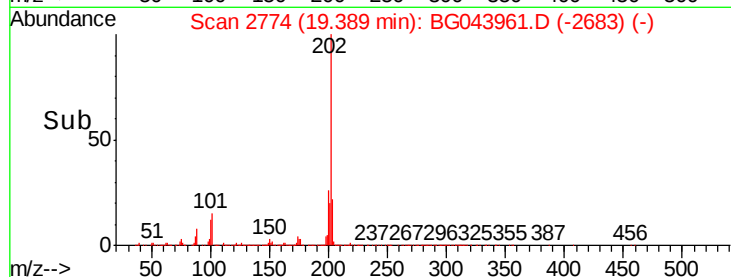
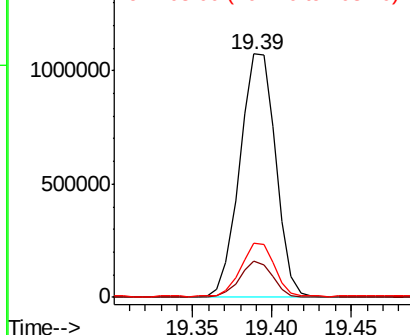


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

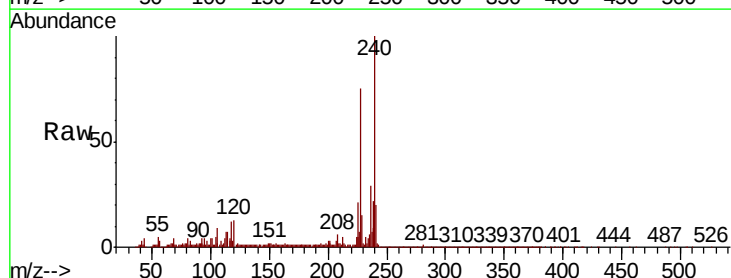
RT: 21.59 min Scan# 3149

Delta R.T. 0.00 min

Lab File: BG043961.D

Acq: 7 Jan 2020 19:32

Tgt Ion:	240	Resp:	648869
Ion	Ratio	Lower	Upper
240	100		
120	12.6	9.6	14.4
236	28.5	22.2	33.2

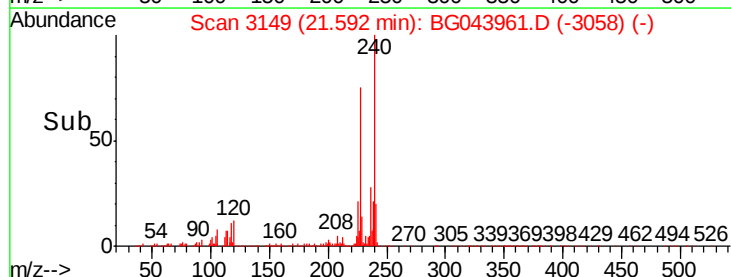
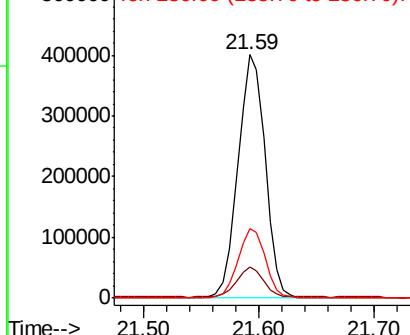


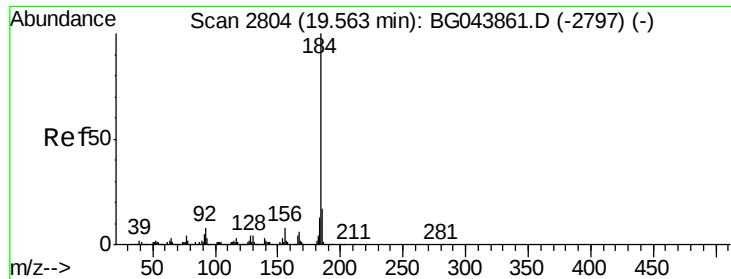
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 47.513 ng

RT: 19.56 min Scan# 2804

Delta R.T. 0.00 min

Lab File: BG043961.D

Acq: 7 Jan 2020 19:32

Instrument :

BNA_G

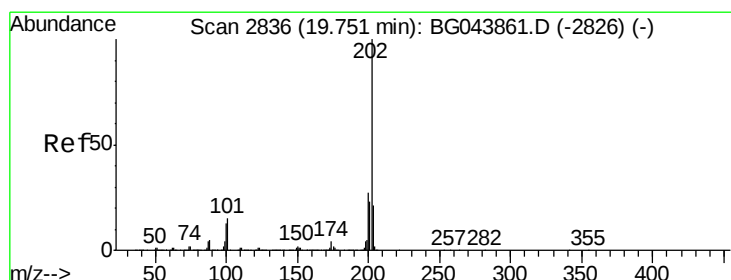
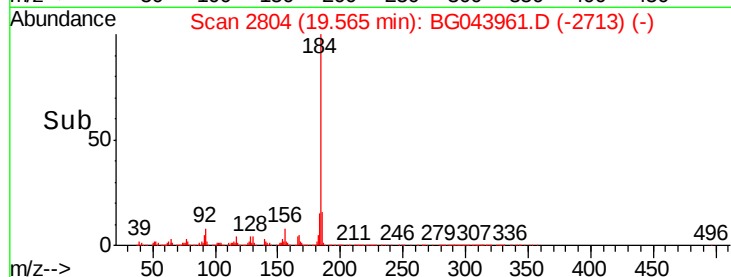
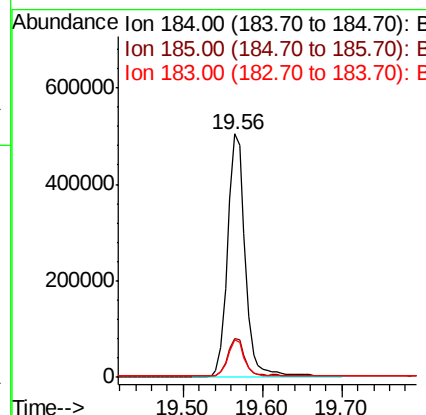
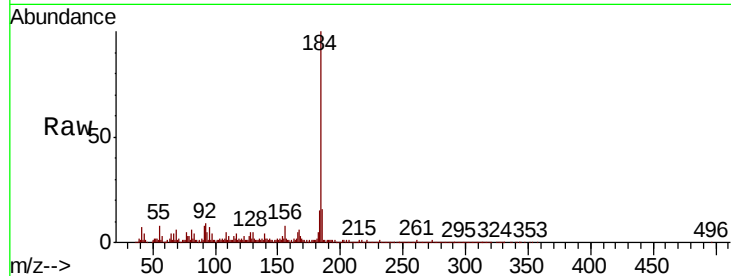
ClientSampleId :

301-305MSD

Tot Ion	Ratio	Lower	Upper
184	100		
185	16.0	13.4	20.0
183	15.4	10.6	15.8

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#78

Pyrene

Concen: 41.753 ng

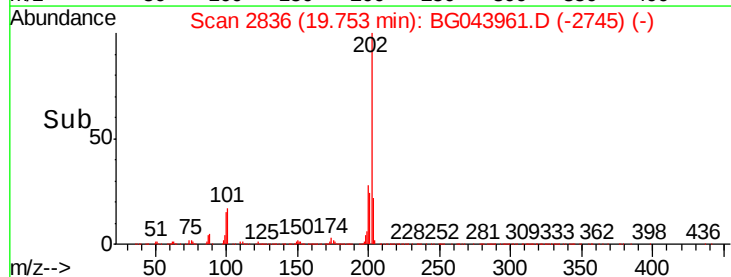
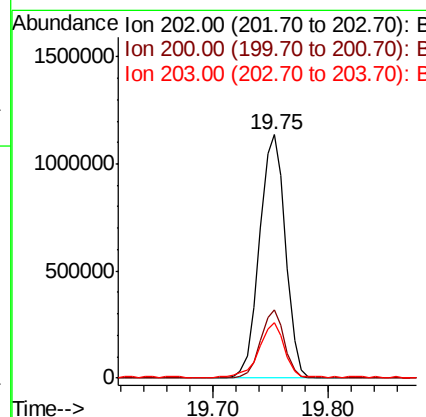
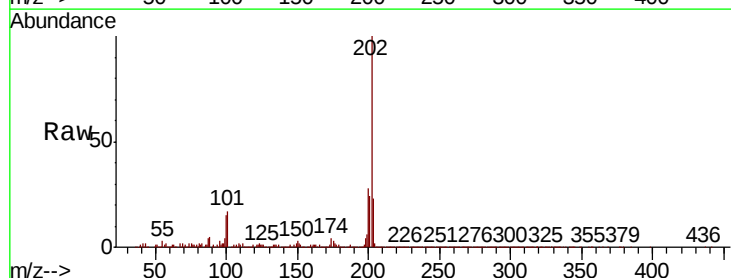
RT: 19.75 min Scan# 2836

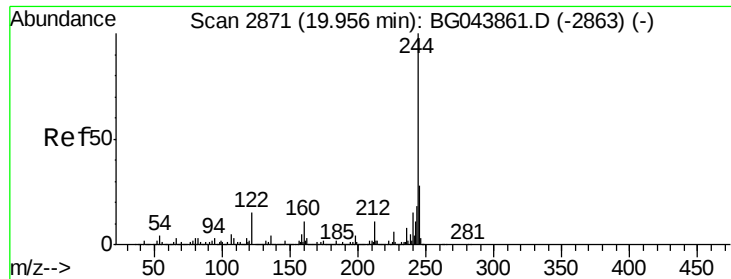
Delta R.T. 0.00 min

Lab File: BG043961.D

Acq: 7 Jan 2020 19:32

Tgt Ion	Ratio	Lower	Upper
202	100		
200	28.1	21.7	32.5
203	22.7	17.0	25.6





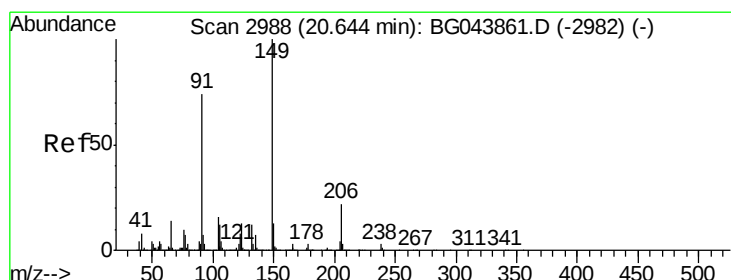
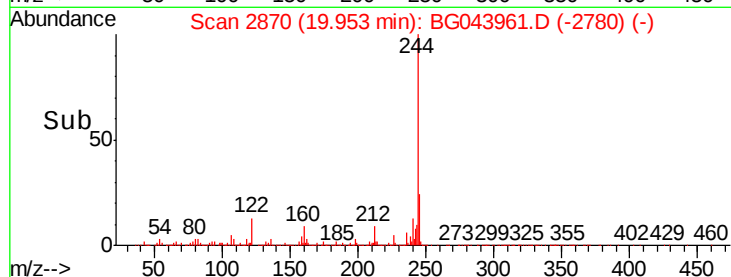
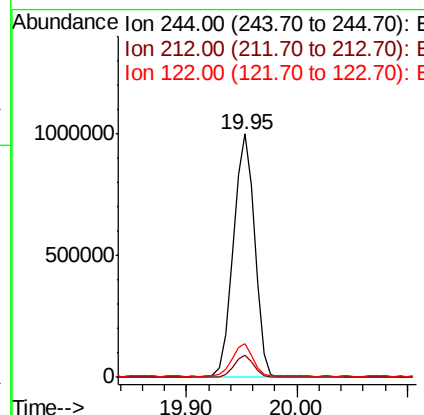
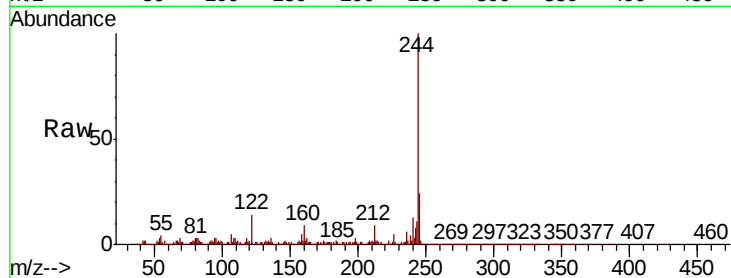
#79
 Terphenyl-d14
 Concen: 42.415 ng
 RT: 19.95 min Scan# 2870
 Delta R.T. -0.00 min
 Lab File: BG043961.D
 Acq: 7 Jan 2020 19:32

Instrument :
 BNA_G
 ClientSampleId :
 301-305MSD

Tot Ion	Ratio	Lower	Upper
244	100		
212	9.3	8.6	13.0
122	13.8	11.9	17.9

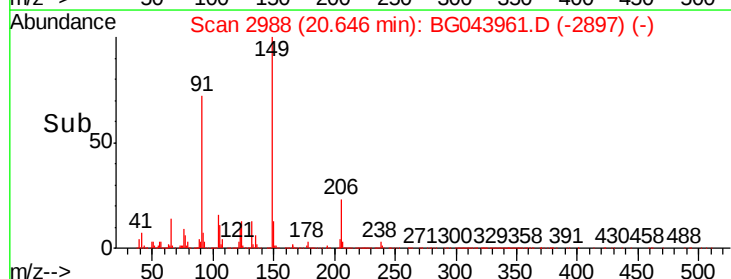
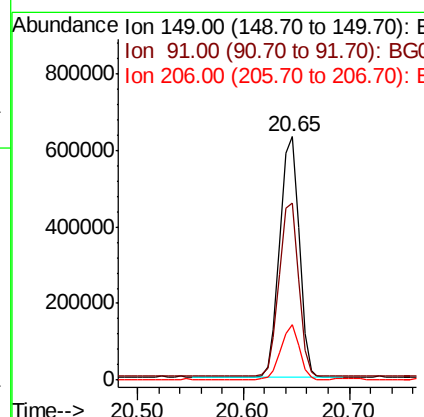
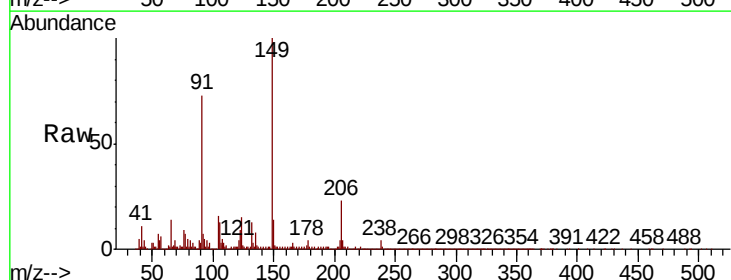
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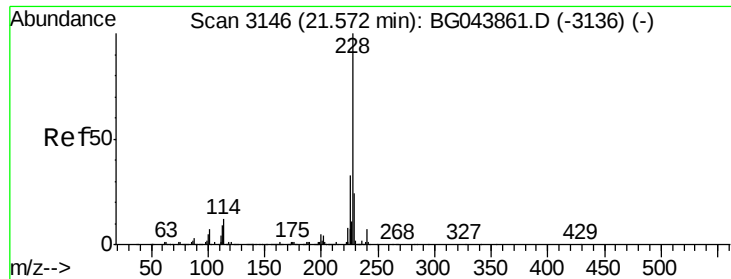
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#80
 Butylbenzylphthalate
 Concen: 39.473 ng
 RT: 20.65 min Scan# 2988
 Delta R.T. 0.00 min
 Lab File: BG043961.D
 Acq: 7 Jan 2020 19:32

Tgt Ion	Ratio	Lower	Upper
149	100		
91	73.0	59.5	89.3
206	22.9	17.8	26.6





#81

Benzo(a)anthracene

Concen: 41.117 ng

RT: 21.57 min Scan# 3146

Delta R.T. 0.00 min

Lab File: BG043961.D

Acq: 7 Jan 2020 19:32

Instrument :

BNA_G

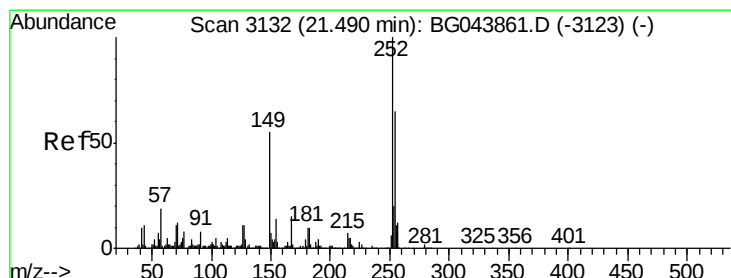
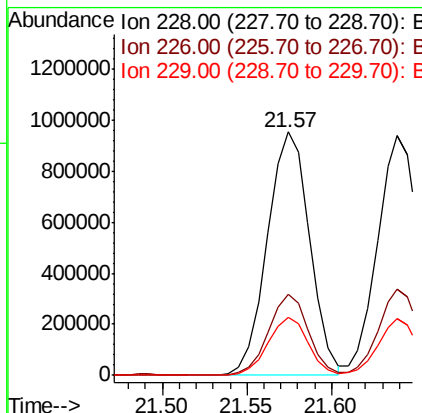
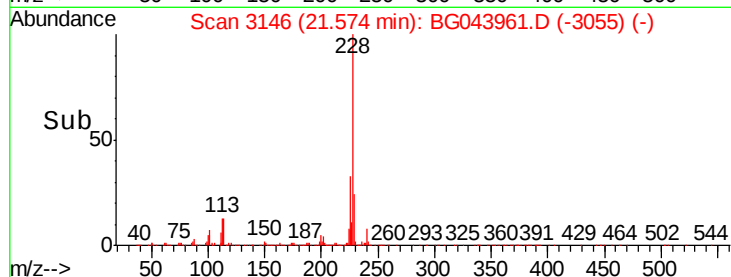
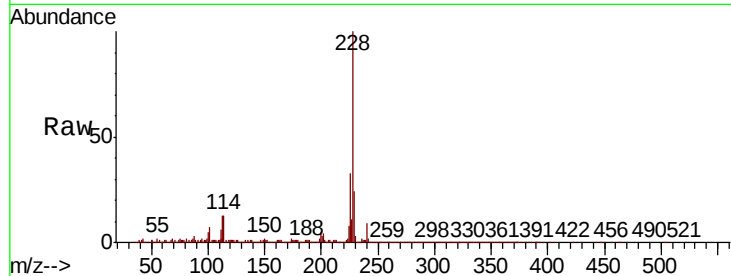
ClientSampleId :

301-305MSD

Tot Ion:	228	Resp:	1654303
Ion	Ratio	Lower	Upper
228	100		
226	33.2	26.2	39.4
229	24.1	18.9	28.3

Manual Integrations
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#82

3,3'-Dichlorobenzidine

Concen: 18.178 ng

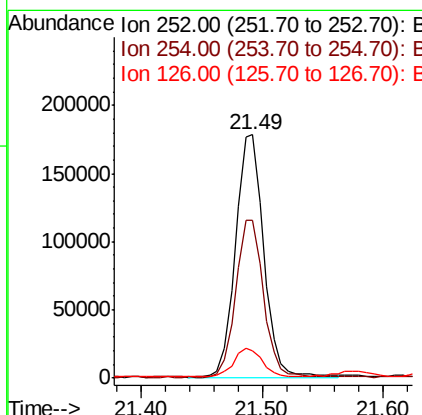
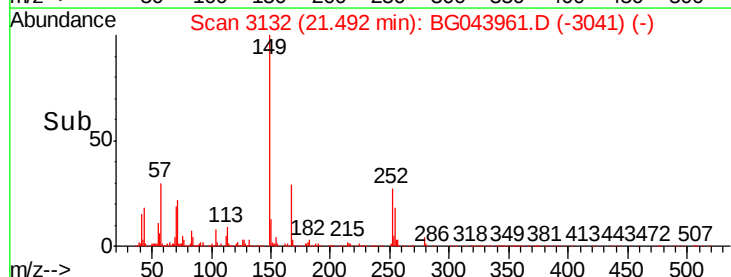
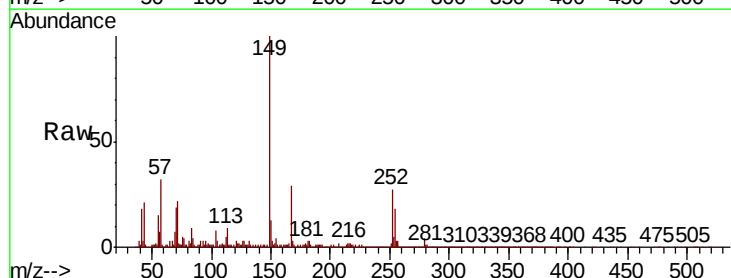
RT: 21.49 min Scan# 3132

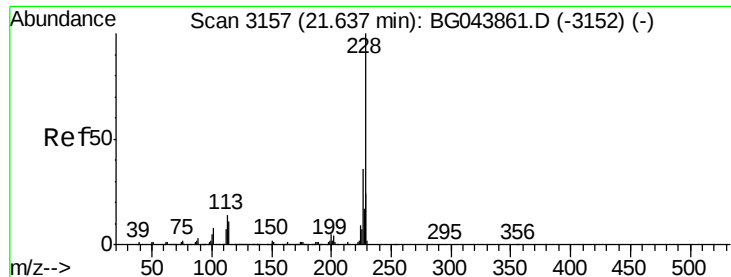
Delta R.T. 0.00 min

Lab File: BG043961.D

Acq: 7 Jan 2020 19:32

Tgt Ion:	252	Resp:	288947
Ion	Ratio	Lower	Upper
252	100		
254	64.8	52.1	78.1
126	11.3	9.1	13.7





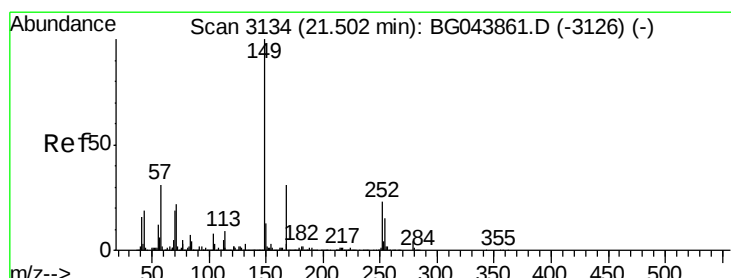
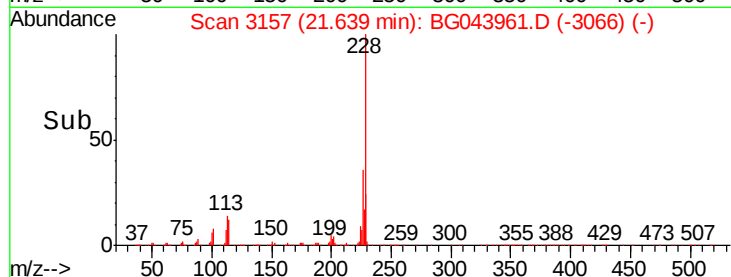
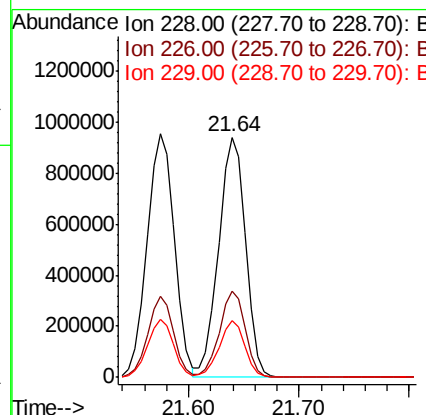
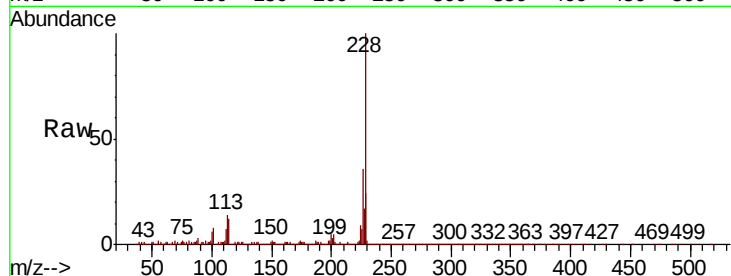
#83
Chrysene
Concen: 41.500 ng
RT: 21.64 min Scan# 3157
Delta R.T. 0.00 min
Lab File: BG043961.D
Acq: 7 Jan 2020 19:32

Instrument :
BNA_G
ClientSampleId :
301-305MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	36.1	28.8	43.2
229	23.8	19.0	28.6

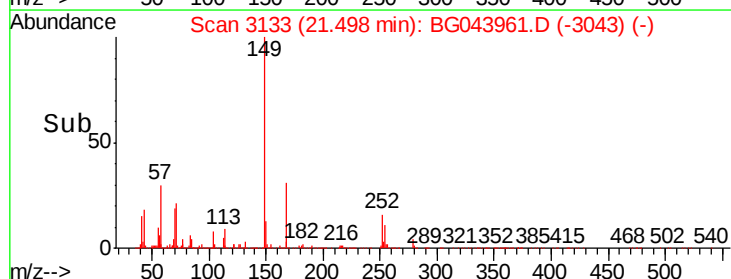
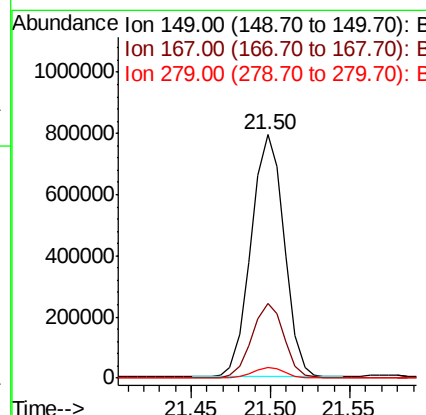
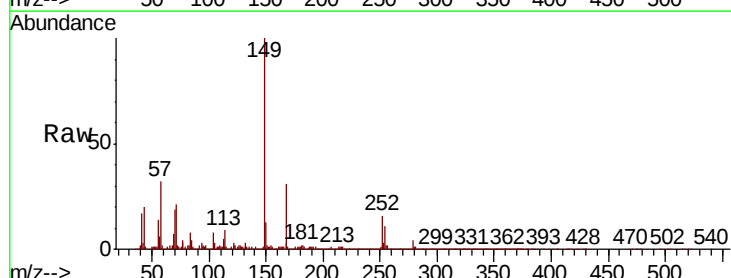
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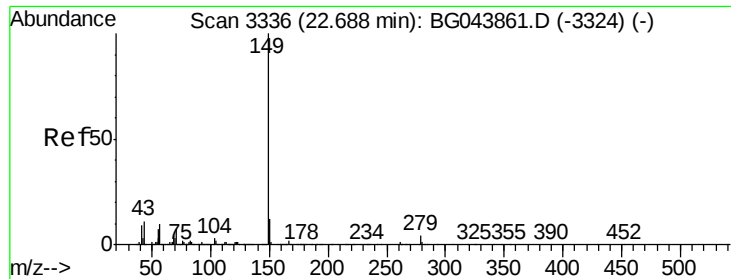
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#84
Bis(2-ethylhexyl)phthalate
Concen: 41.129 ng
RT: 21.50 min Scan# 3133
Delta R.T. -0.00 min
Lab File: BG043961.D
Acq: 7 Jan 2020 19:32

Tgt Ion	Ratio	Lower	Upper
149	100		
167	30.8	24.7	37.1
279	4.3	3.3	4.9





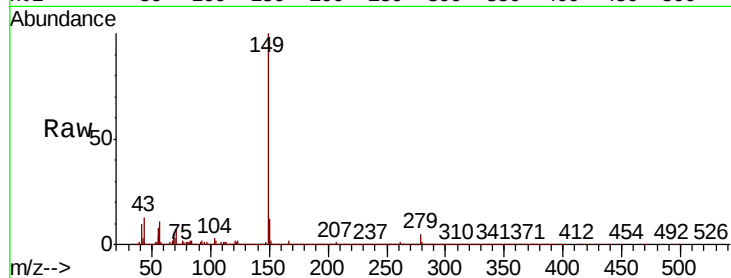
#85
Di-n-octyl phthalate
Concen: 41.512 ng
RT: 22.68 min Scan# 3335
Delta R.T. -0.00 min
Lab File: BG043961.D
Acq: 7 Jan 2020 19:32

Instrument :
BNA_G
ClientSampleId :
301-305MSD

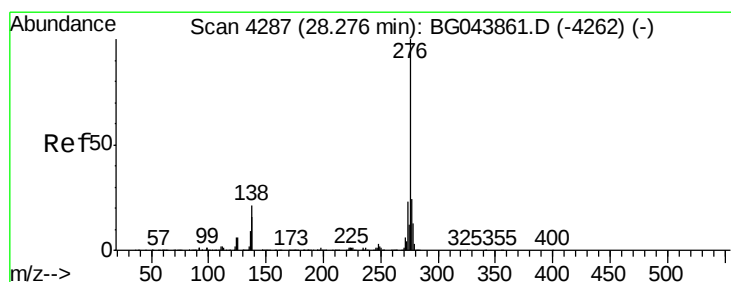
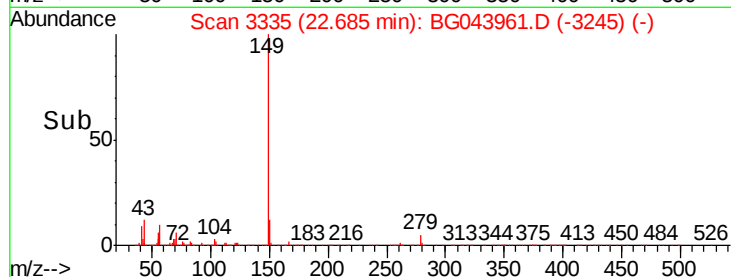
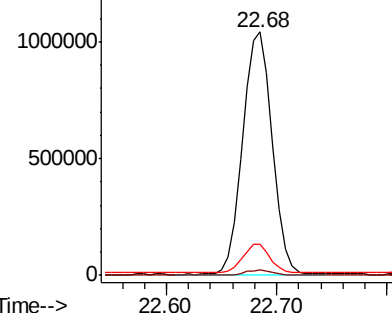
Tot Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.4	2.0
43	11.0	8.8	13.2

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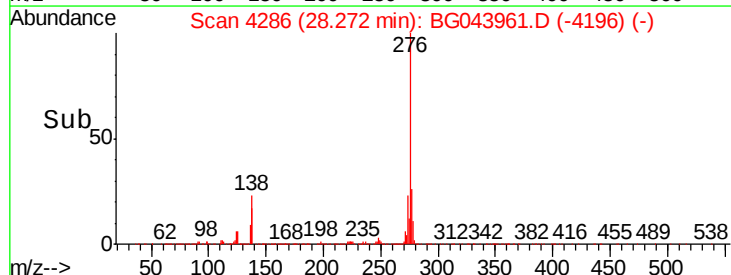
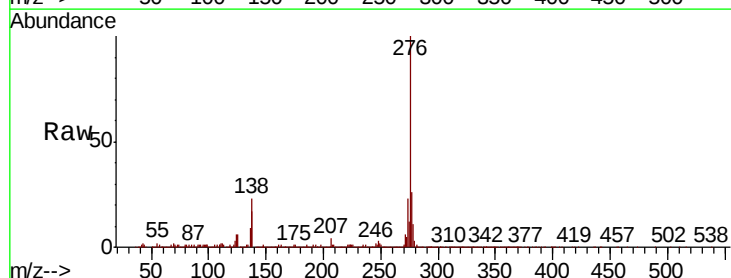
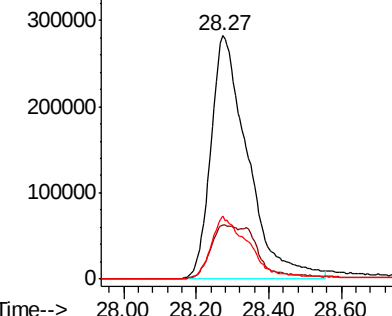
Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BGC

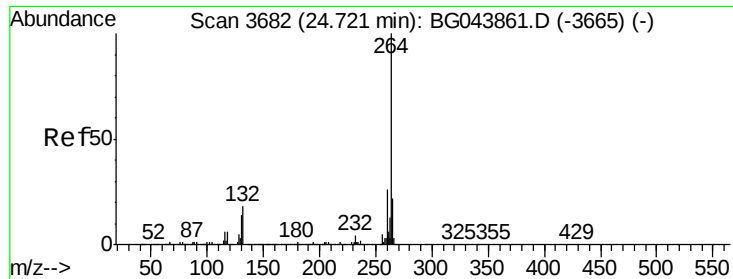


#86
Indeno(1,2,3-cd)pyrene
Concen: 38.305 ng
RT: 28.27 min Scan# 4286
Delta R.T. -0.00 min
Lab File: BG043961.D
Acq: 7 Jan 2020 19:32

Tgt Ion	Ratio	Lower	Upper
276	100		
138	15.4	21.0	31.4#
277	26.3	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: 24.73 min Scan# 3683

Delta R.T. 0.01 min

Lab File: BG043961.D

Acq: 7 Jan 2020 19:32

Instrument :

BNA_G

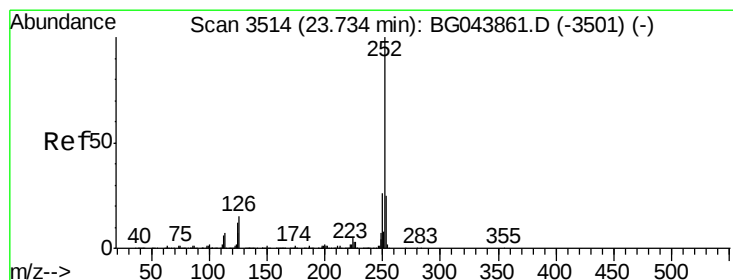
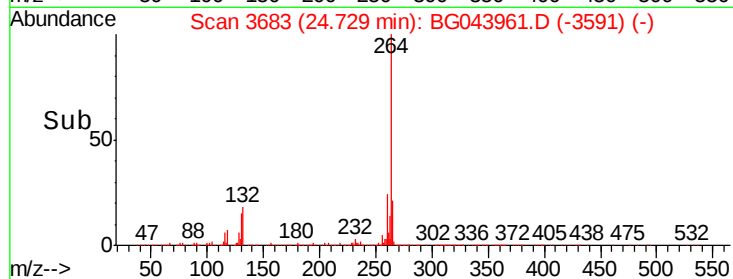
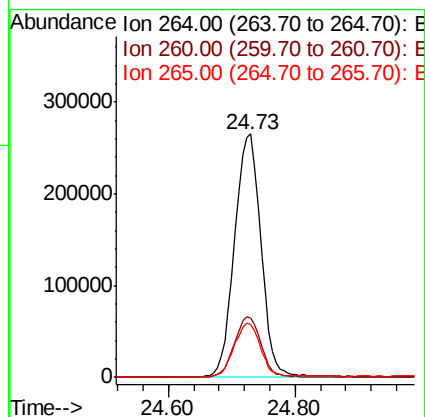
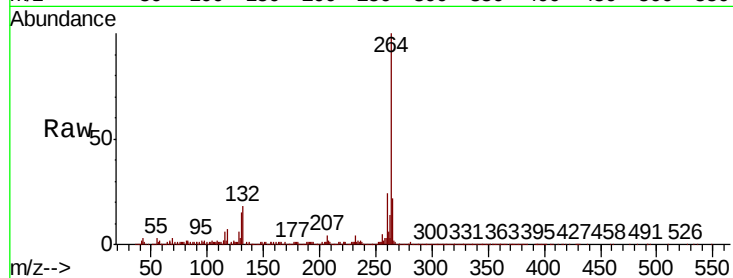
ClientSampleId :

301-305MSD

Tot Ion:	264	Resp:	759676
Ion Ratio	Lower	Upper	
264	100		
260	24.5	20.4	30.6
265	21.7	17.4	26.2

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#88

Benzo(b)fluoranthene

Concen: 38.929 ng

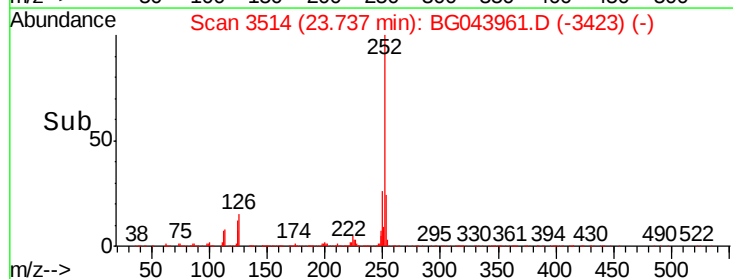
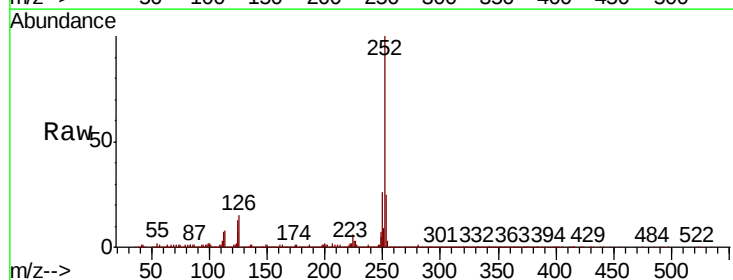
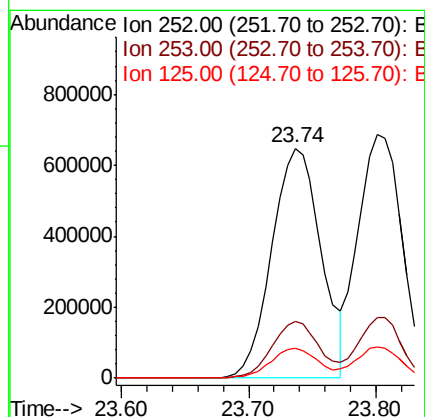
RT: 23.74 min Scan# 3514

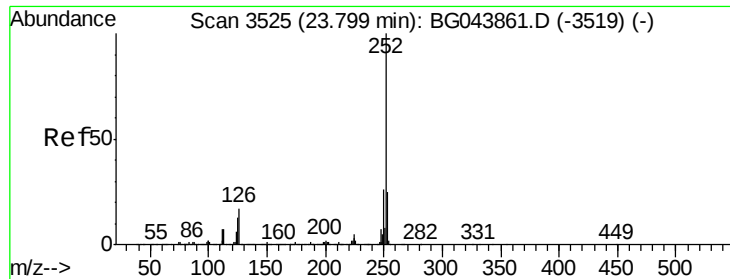
Delta R.T. 0.00 min

Lab File: BG043961.D

Acq: 7 Jan 2020 19:32

Tgt Ion:	252	Resp:	1748326
Ion Ratio	Lower	Upper	
252	100		
253	24.6	19.7	29.5
125	12.8	9.4	14.2





#89

Benzo(k)fluoranthene

Concen: 38.613 ng

RT: 23.80 min Scan# 3525

Delta R.T. 0.00 min

Lab File: BG043961.D

Acq: 7 Jan 2020 19:32

Instrument :

BNA_G

ClientSampleId :

301-305MSD

Tot Ion:252 Resp: 1649018

Ion Ratio Lower Upper

252 100

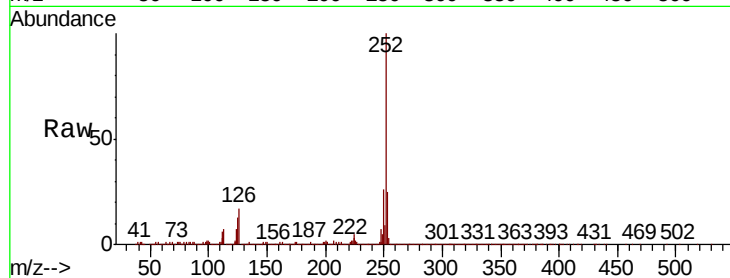
253 24.8 19.4 29.2

125 12.8 9.9 14.9

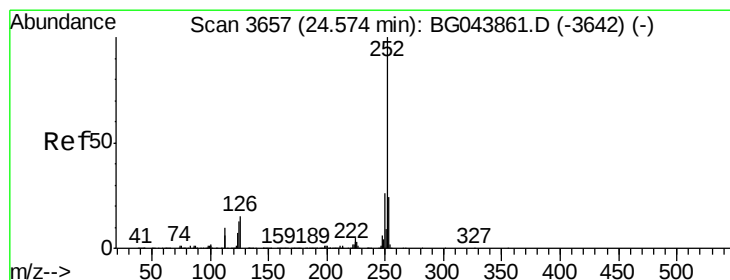
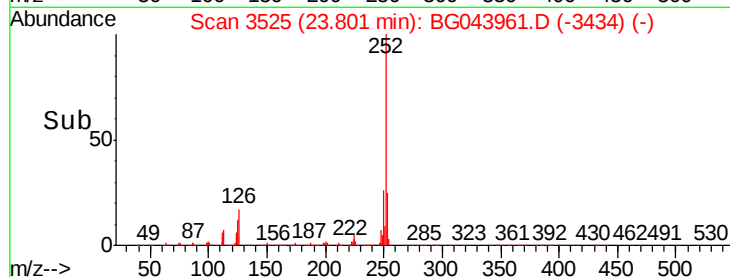
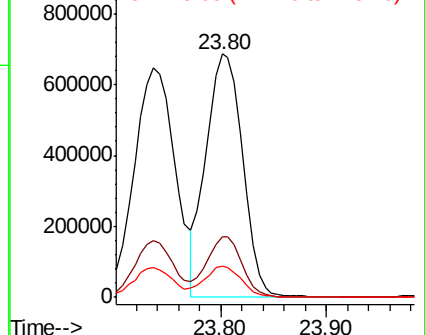
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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 38.032 ng

RT: 24.58 min Scan# 3658

Delta R.T. 0.01 min

Lab File: BG043961.D

Acq: 7 Jan 2020 19:32

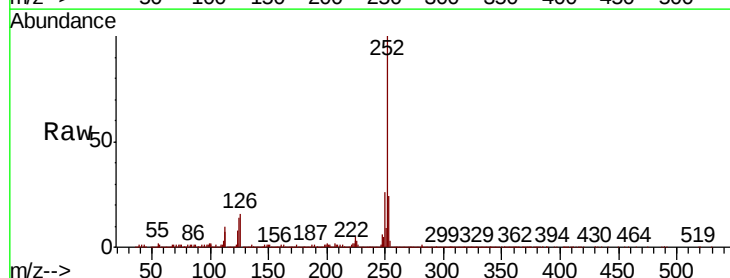
Tgt Ion:252 Resp: 1612092

Ion Ratio Lower Upper

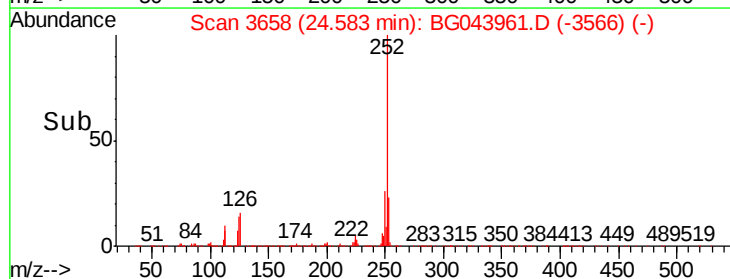
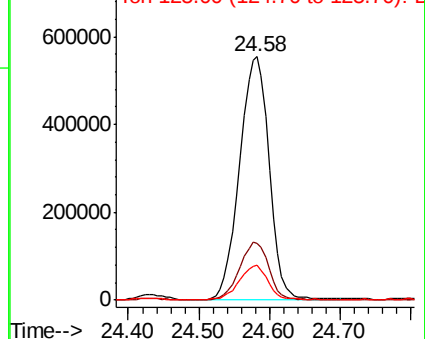
252 100

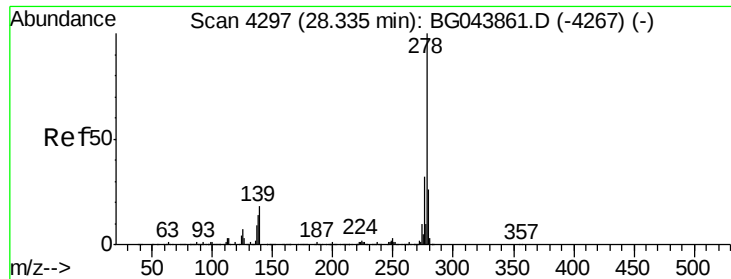
253 23.5 19.3 28.9

125 14.1 10.4 15.6



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





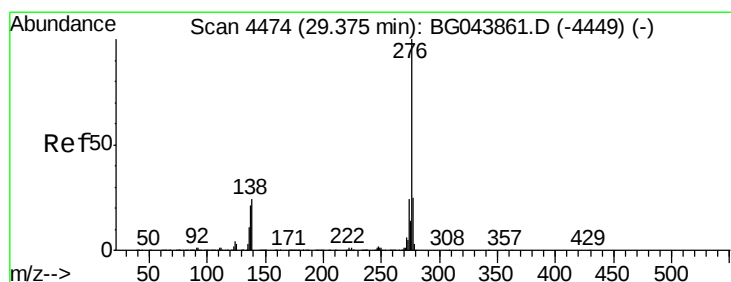
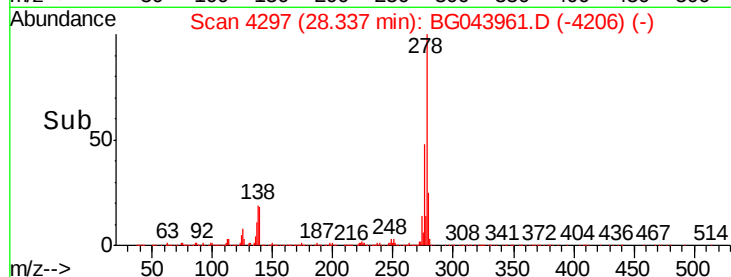
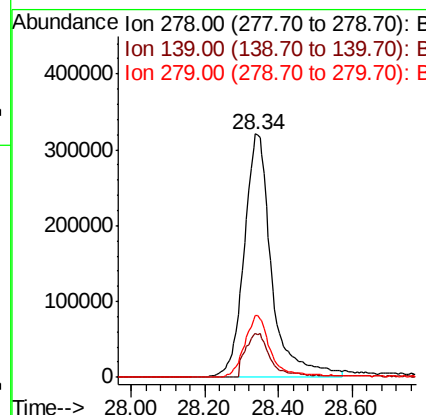
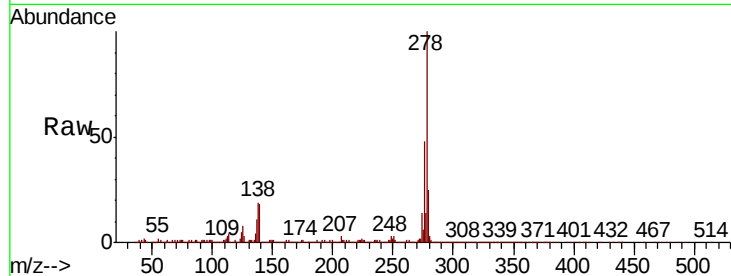
#91
Dibenzo(a,h)anthracene
Concen: 38.949 ng
RT: 28.34 min Scan# 4297
Delta R.T. 0.00 min
Lab File: BG043961.D
Acq: 7 Jan 2020 19:32

Instrument :
BNA_G
ClientSampleId :
301-305MSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	18.1	14.2	21.4
279	25.4	20.6	30.8

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#92
Benzo(g,h,i)perylene
Concen: 35.760 ng
RT: 29.38 min Scan# 4475
Delta R.T. 0.01 min
Lab File: BG043961.D
Acq: 7 Jan 2020 19:32

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.3	20.2	30.4
138	24.0	19.0	28.6

