

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011320\
 Data File : BG044028.D
 Acq On : 14 Jan 2020 1:35
 Operator : JU
 Sample : L1103-09MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-MW-19(3-5)MSD

Manual Integrations
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mohammad
 1/14/2020 12:25:10 PM

Quant Time: Jan 14 10:45:43 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	7.95	152	118211	20.00	ng	-0.02
21) Naphthalene-d8	10.75	136	482347	20.00	ng	-0.02
39) Acenaphthene-d10	14.58	164	308220	20.00	ng	-0.02
64) Phenanthrene-d10	17.32	188	653451	20.00	ng	-0.01
76) Chrysene-d12	21.58	240	573567	20.00	ng	0.00
87) Perylene-d12	24.74	264	641509	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.53	112	897709	139.44	ng	-0.01
7) Phenol-d6	7.12	99	1238104	137.58	ng	0.00
23) Nitrobenzene-d5	9.10	82	720151	79.87	ng	-0.02
42) 2,4,6-Tribromophenol	16.07	330	457049	141.70	ng	-0.02
45) 2-Fluorobiphenyl	13.20	172	1514925	89.05	ng	-0.02
79) Terphenyl-d14	19.94	244	2199752	95.44	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.42	88	125821	44.822	ng	96
3) Pyridine	3.81	79	313311	37.781	ng	95
4) n-Nitrosodimethylamine	3.72	42	165090	44.715	ng	99
6) Aniline	7.27	93	287179	24.296	ng	98
8) 2-Chlorophenol	7.52	128	393566	52.072	ng	98
9) Benzaldehyde	7.08	77	220260m	38.241	ng	
10) Phenol	7.15	94	515574	55.605	ng	98
11) bis(2-Chloroethyl)ether	7.36	93	376378	47.026	ng	98
12) 1,3-Dichlorobenzene	7.84	146	421405	47.645	ng	97
13) 1,4-Dichlorobenzene	7.98	146	416551	47.732	ng	99
14) 1,2-Dichlorobenzene	8.30	146	395588	47.227	ng	99
15) Benzyl Alcohol	8.18	79	339197	47.758	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.48	45	506527	40.906	ng	100
17) 2-Methylphenol	8.39	107	342699	51.074	ng	98
18) Hexachloroethane	9.03	117	159081	46.848	ng	96
19) n-Nitroso-di-n-propylamine	8.75	70	292054	43.578	ng	96
20) 3+4-Methylphenols	8.72	107	465535	49.734	ng	99
22) Acetophenone	8.77	105	544108	45.374	ng	# 98
24) Nitrobenzene	9.14	77	416242	46.611	ng	97
25) Isophorone	9.67	82	779407	46.075	ng	97
26) 2-Nitrophenol	9.86	139	226379	53.581	ng	98
27) 2,4-Dimethylphenol	9.93	122	375729	59.078	ng	97
28) bis(2-Chloroethoxy)methane	10.15	93	495335	43.922	ng	98
29) 2,4-Dichlorophenol	10.40	162	390325	51.451	ng	97
30) 1,2,4-Trichlorobenzene	10.61	180	394966	46.433	ng	98
31) Naphthalene	10.80	128	1143554	48.992	ng	99
32) Benzoic acid	10.07	122	219486	43.111	ng	93
33) 4-Chloroaniline	10.90	127	99818	8.966	ng	98
34) Hexachlorobutadiene	11.10	225	232140	44.699	ng	98
35) Caprolactam	11.68	113	148211m	52.480	ng	
36) 4-Chloro-3-methylphenol	12.04	107	411772	50.987	ng	99
37) 2-Methylnaphthalene	12.41	142	851161	48.436	ng	97
38) 1-Methylnaphthalene	12.62	142	809414	48.599	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.78	216	405691	44.907	ng	99

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 SB-MW-19(3-5)MSD

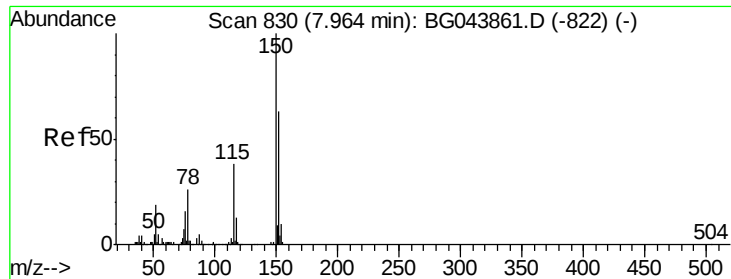
Manual Integrations
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Quant Time: Jan 14 10:45:43 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 31 13:32:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.76	237	518874	110.787	nq	98
43) 2,4,6-Trichlorophenol	13.02	196	308272	49.593	nq	98
44) 2,4,5-Trichlorophenol	13.09	196	332069	51.796	nq	99
46) 1,1'-Biphenyl	13.42	154	1051953	47.602	nq	99
47) 2-Chloronaphthalene	13.46	162	829244	46.437	nq	99
48) 2-Nitroaniline	13.65	65	257430	44.816	nq	96
49) Acenaphthylene	14.30	152	1301420	50.705	nq	99
50) Dimethylphthalate	14.04	163	1194148	54.565	nq	100
51) 2,6-Dinitrotoluene	14.15	165	245175	49.565	nq	94
52) Acenaphthene	14.64	154	837294	46.518	nq	98
53) 3-Nitroaniline	14.47	138	115555	20.572	nq	96
54) 2,4-Dinitrophenol	14.68	184	267247	104.265	nq	96
55) Dibenzofuran	14.98	168	1228119	49.564	nq	99
56) 4-Nitrophenol	14.80	139	465514	108.147	nq	93
57) 2,4-Dinitrotoluene	14.94	165	340017	50.518	nq	99
58) Fluorene	15.63	166	974794	49.635	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.21	232	291916	52.952	nq	96
60) Diethylphthalate	15.40	149	1065549	48.679	nq	99
61) 4-Chlorophenyl-phenylether	15.62	204	507581	47.597	nq	99
62) 4-Nitroaniline	15.64	138	247835	44.679	nq	94
63) Azobenzene	15.91	77	982901	48.419	nq	99
65) 4,6-Dinitro-2-methylphenol	15.70	198	200084	58.384	nq	98
66) n-Nitrosodiphenylamine	15.84	169	921407	47.882	nq	99
67) 4-Bromophenyl-phenylether	16.51	248	329227	44.797	nq	100
68) Hexachlorobenzene	16.64	284	360494	45.522	nq	99
69) Atrazine	16.78	200	354386	56.656	nq	99
70) Pentachlorophenol	16.98	266	440972	101.015	nq	99
71) Phenanthrene	17.36	178	1537530	49.055	nq	100
72) Anthracene	17.45	178	1583370	51.117	nq	100
73) Carbazole	17.72	167	1454861	50.847	nq	98
74) Di-n-butylphthalate	18.29	149	1771667	48.497	nq	98
75) Fluoranthene	19.37	202	1760561	49.116	nq	100
77) Benzidine	19.55	184	684411	47.473	nq	98
78) Pyrene	19.73	202	1773226	47.363	nq	99
80) Butylbenzylphthalate	20.63	149	850067	47.691	nq	97
81) Benzo(a)anthracene	21.55	228	1714405	48.205	nq	99
82) 3,3'-Dichlorobenzidine	21.47	252	354574	25.235	nq	98
83) Chrysene	21.64	228	1736703	51.391	nq	95
84) Bis(2-ethylhexyl)phthalate	21.48	149	1175094	47.779	nq	99
85) Di-n-octyl phthalate	22.67	149	2057196	49.755	nq	98
86) Indeno(1,2,3-cd)pyrene	28.33	276	2187584m	47.633	nq	
88) Benzo(b)fluoranthene	23.72	252	1844123	48.626	nq	99
89) Benzo(k)fluoranthene	23.80	252	1812381	50.255	nq	98
90) Benzo(a)pyrene	24.59	252	1708422	47.729	nq	98
91) Dibenzo(a,h)anthracene	28.40	278	1803721	50.176	nq	99
92) Benzo(g,h,i)perylene	29.54	276	1831222	51.284	nq	99

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



#1

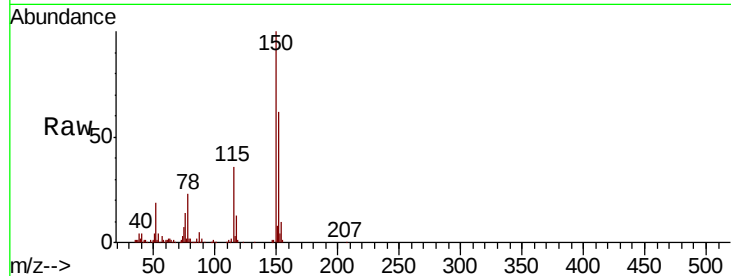
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 827
Delta R.T. -0.02 min
Lab File: BG044028.D
Acq: 14 Jan 2020 1:35

Instrument :
BNA_G
ClientSampleId :
SB-MW-19(3-5)MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	161.3	127.0	190.4
115	58.3	47.8	71.8

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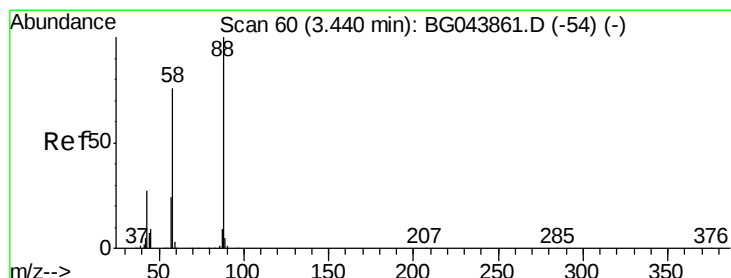
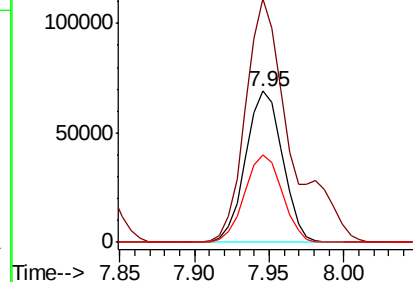
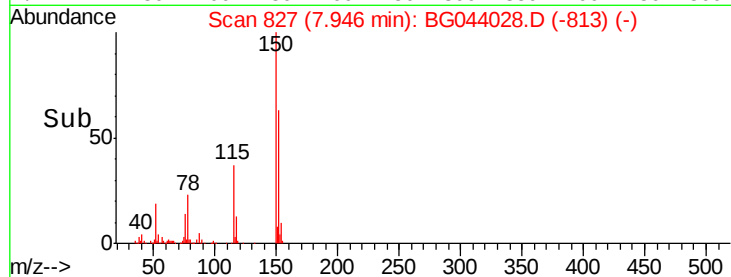


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

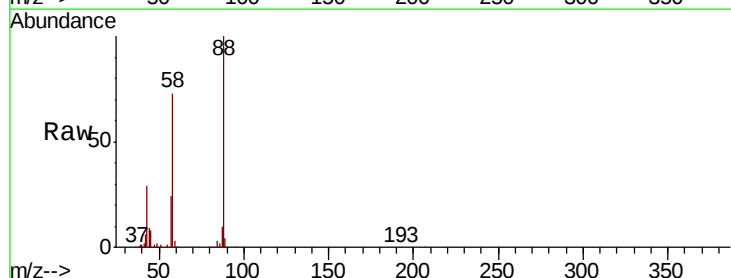
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 44.822 ng
RT: 3.42 min Scan# 56
Delta R.T. -0.02 min
Lab File: BG044028.D
Acq: 14 Jan 2020 1:35

Tgt Ion	Ratio	Lower	Upper
88	100		
58	71.2	59.8	89.8
43	26.4	22.9	34.3

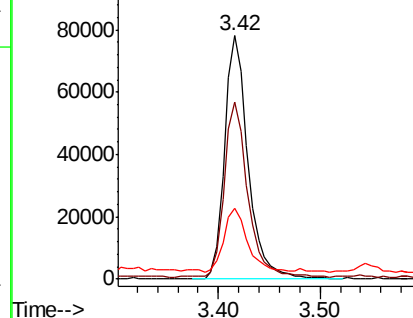
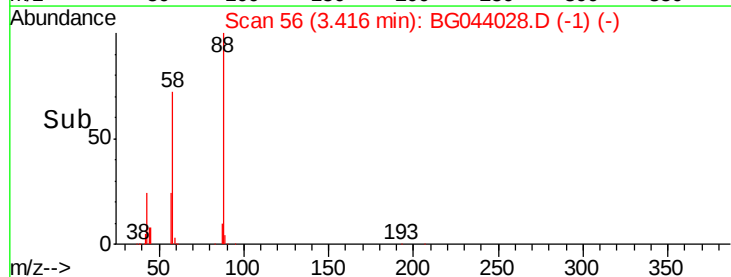


Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 37.781 ng

RT: 3.81 min Scan# 123

Delta R.T. -0.02 min

Lab File: BG044028.D

Acq: 14 Jan 2020 1:35

Instrument :

BNA_G

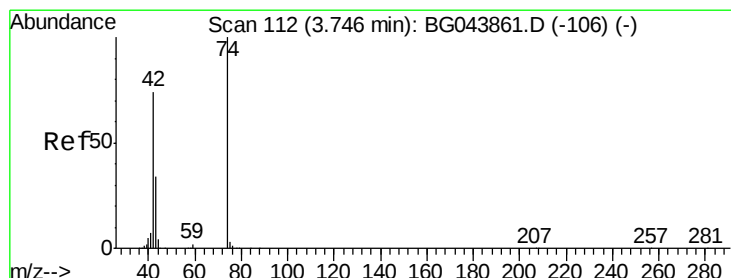
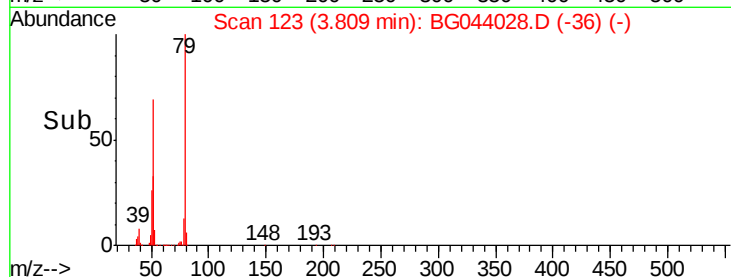
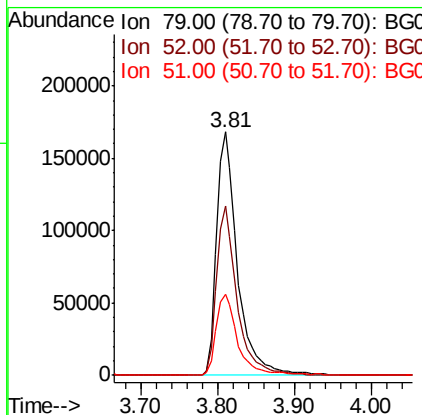
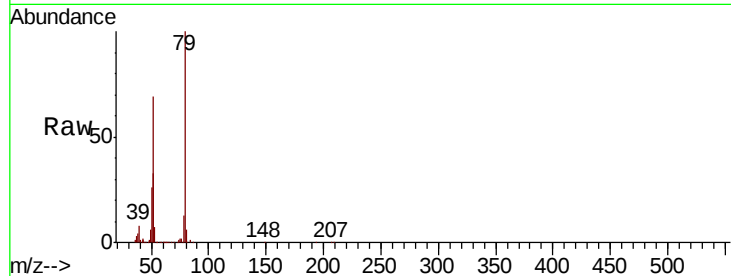
ClientSampleId :

SB-MW-19(3-5)MSD

Tot Ion:	79	Resp:	313311
Ion Ratio	Lower	Upper	
79	100		
52	69.4	58.9	88.3
51	33.4	28.6	43.0

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#4

n-Nitrosodimethylamine

Concen: 44.715 ng

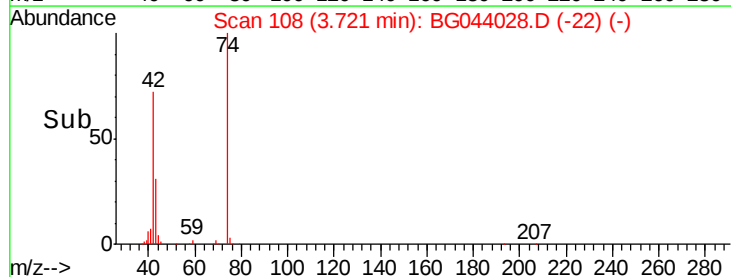
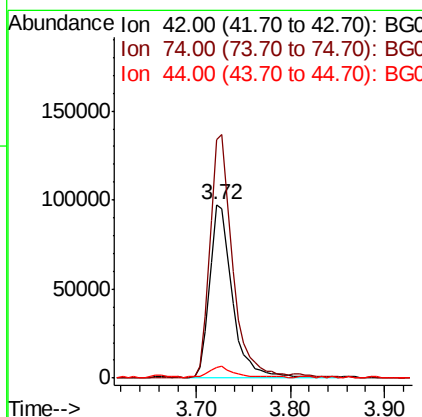
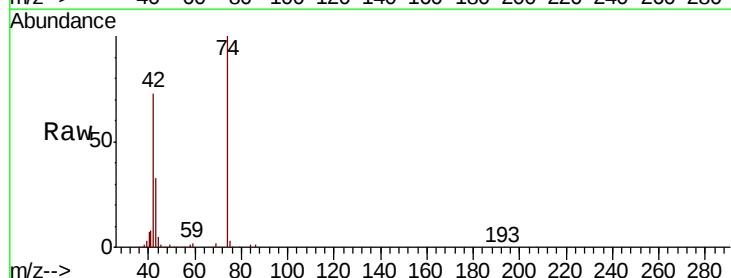
RT: 3.72 min Scan# 108

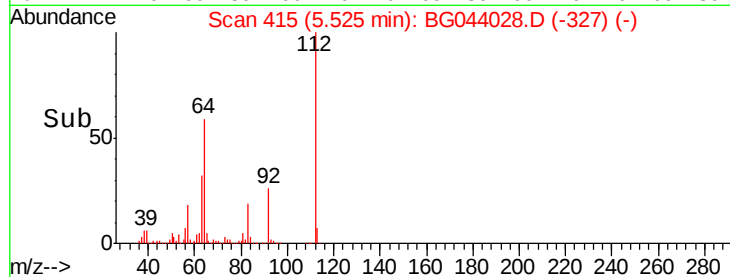
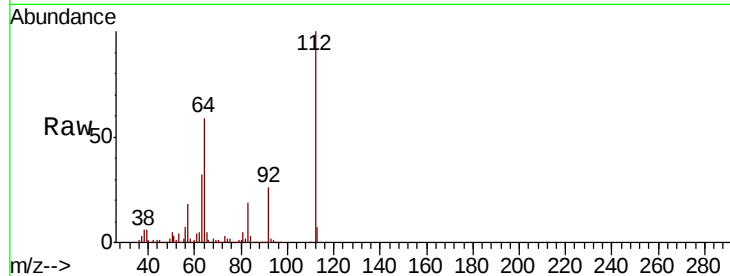
Delta R.T. -0.02 min

Lab File: BG044028.D

Acq: 14 Jan 2020 1:35

Tgt Ion:	42	Resp:	165090
Ion Ratio	Lower	Upper	
42	100		
74	137.4	108.6	162.8
44	6.4	5.0	7.6





#5

2-Fluorophenol

Concen: 139.437 ng

RT: 5.53 min Scan# 415

Delta R.T. -0.01 min

Lab File: BG044028.D

Acq: 14 Jan 2020 1:35

Tot Ion:	112	Resp:	897709
Ion Ratio	Lower	Upper	
112	100		
64	59.4	47.8	71.6
63	31.8	24.3	36.5

Instrument :

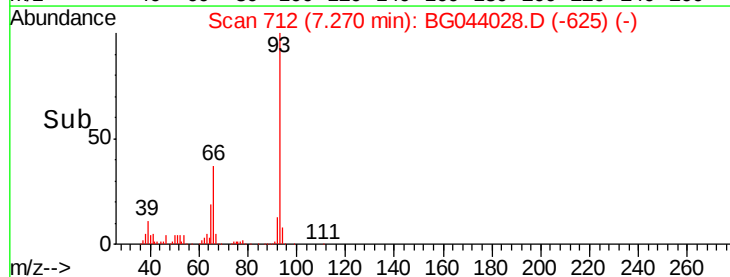
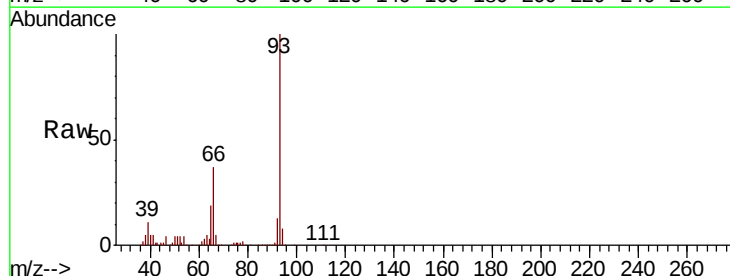
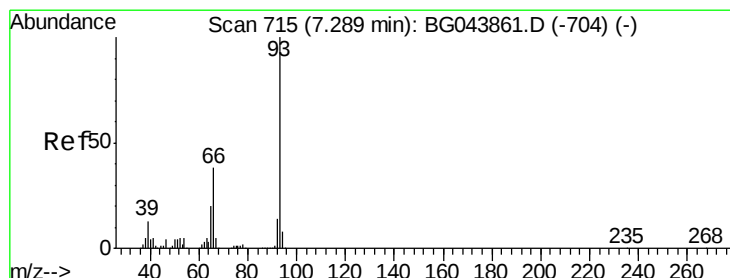
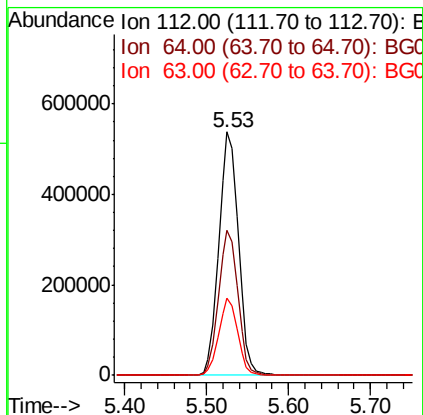
BNA_G

ClientSampleId :

SB-MW-19(3-5)MSD

Manual Integrations
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#6

Aniline

Concen: 24.296 ng

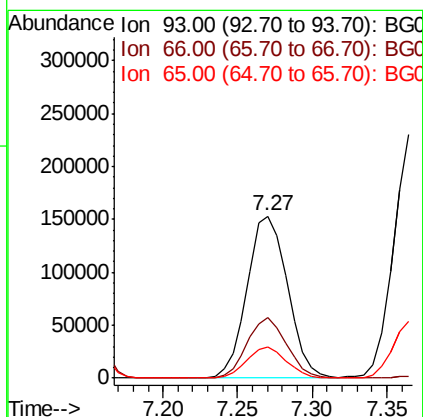
RT: 7.27 min Scan# 712

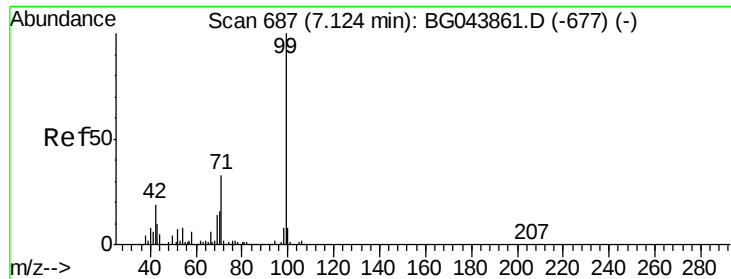
Delta R.T. -0.02 min

Lab File: BG044028.D

Acq: 14 Jan 2020 1:35

Tgt Ion:	93	Resp:	287179
Ion Ratio	Lower	Upper	
93	100		
66	37.3	30.8	46.2
65	19.1	16.0	24.0





#7

Phenol-d6

Concen: 137.578 ng

RT: 7.12 min Scan# 686

Delta R.T. -0.01 min

Lab File: BG044028.D

Acq: 14 Jan 2020 1:35

Instrument :

BNA_G

ClientSampleId :

SB-MW-19(3-5)MSD

Tot Ion: 99 Resp: 1238104

Ion Ratio Lower Upper

99 100

42 18.5 14.9 22.3

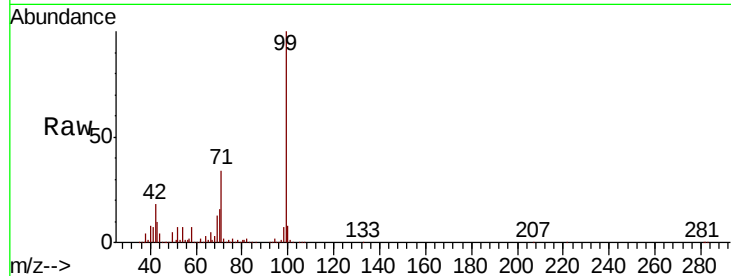
71 34.0 26.4 39.6

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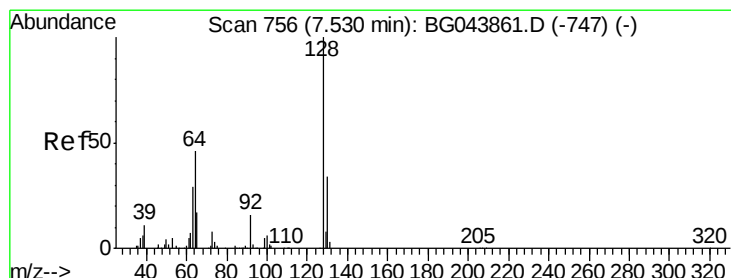
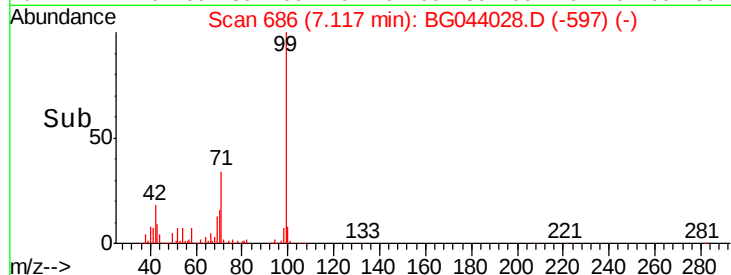
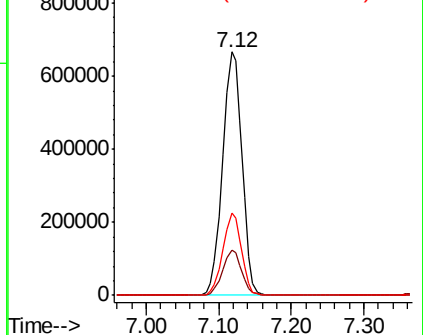
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Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 52.072 ng

RT: 7.52 min Scan# 754

Delta R.T. -0.01 min

Lab File: BG044028.D

Acq: 14 Jan 2020 1:35

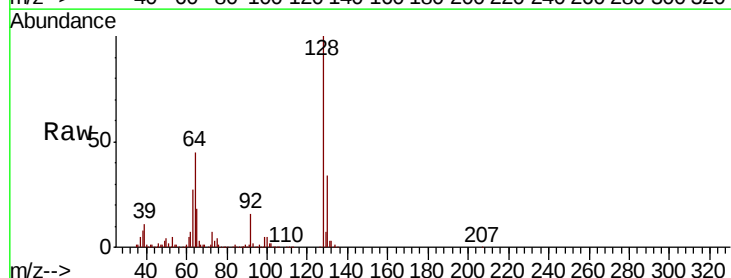
Tgt Ion: 128 Resp: 393566

Ion Ratio Lower Upper

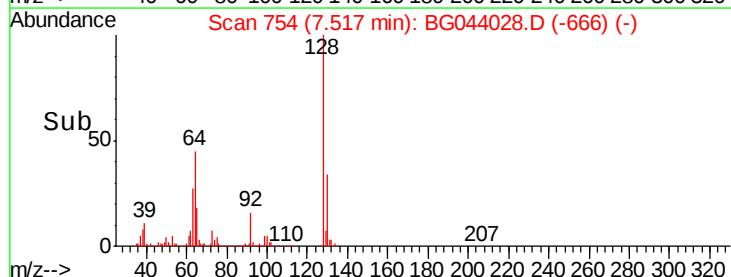
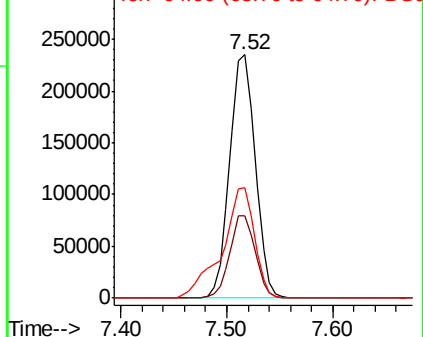
128 100

130 33.7 13.8 53.8

64 45.1 27.6 67.6



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

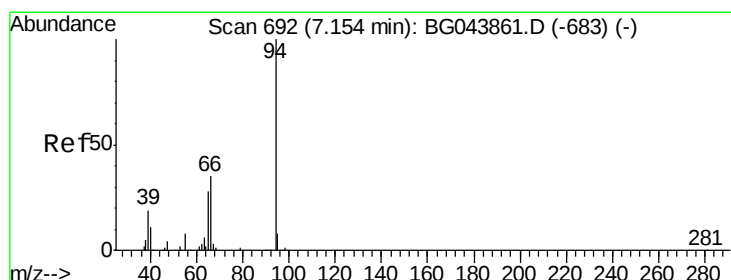
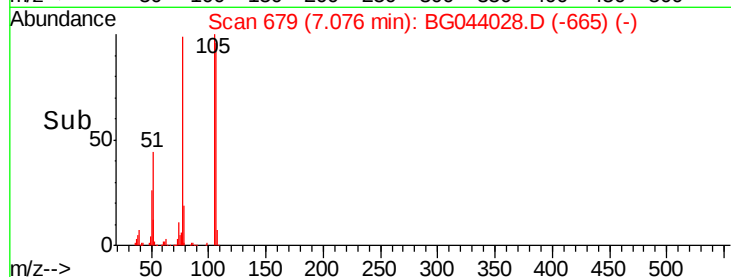
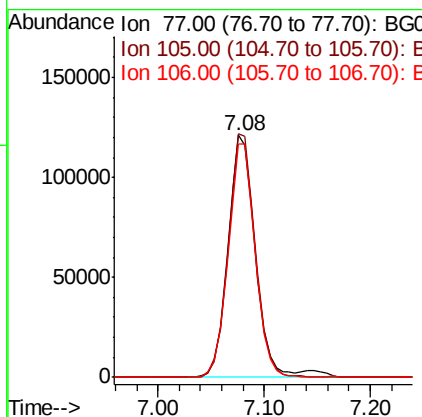
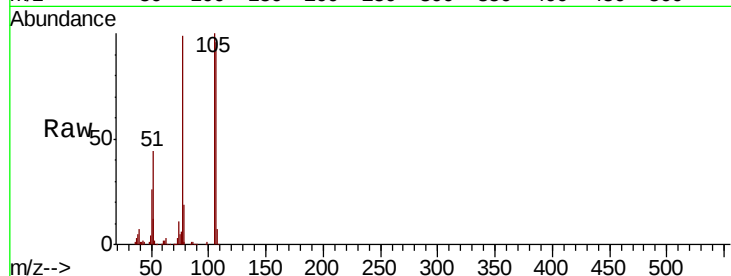
Concen: 38.241 ng/ml
 RT: 7.08 min Scan# 679
 Delta R.T. -0.02 min
 Lab File: BG044028.D
 Acq: 14 Jan 2020 1:35

Instrument :
 BNA_G
 ClientSampleId :
 SB-MW-19(3-5)MSD

Tot Ion	Ratio	Lower	Upper
77	100		
105	100.5	80.2	120.2
106	96.5	77.2	117.2

Manual Integrations
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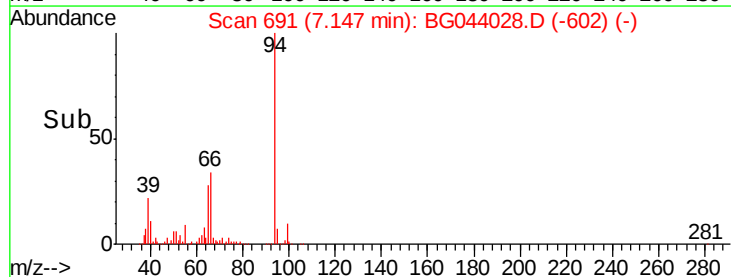
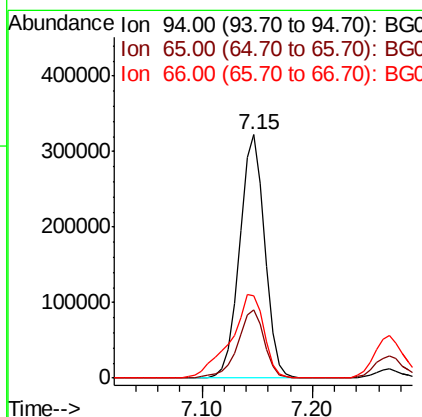
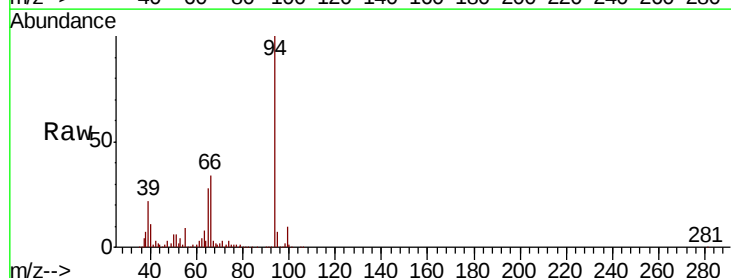


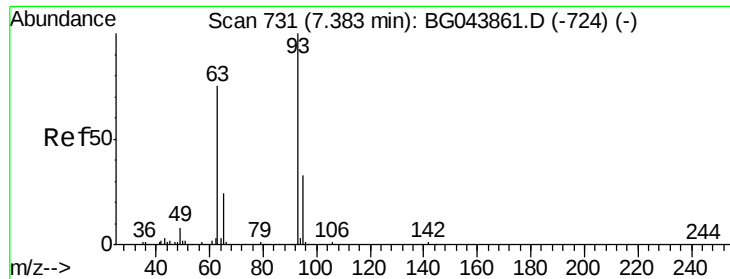
#10

Phenol

Concen: 55.605 ng/ml
 RT: 7.15 min Scan# 691
 Delta R.T. -0.01 min
 Lab File: BG044028.D
 Acq: 14 Jan 2020 1:35

Tgt Ion	Ratio	Lower	Upper
94	100		
65	28.2	8.1	48.1
66	33.9	15.6	55.6





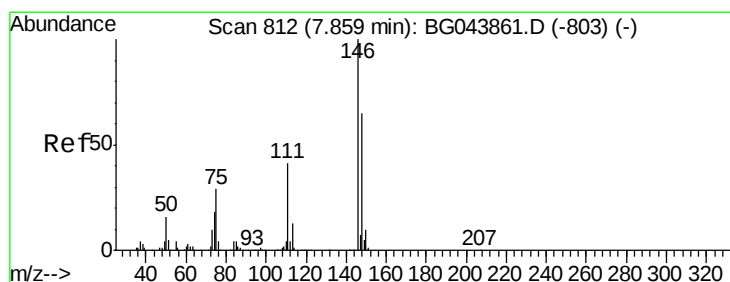
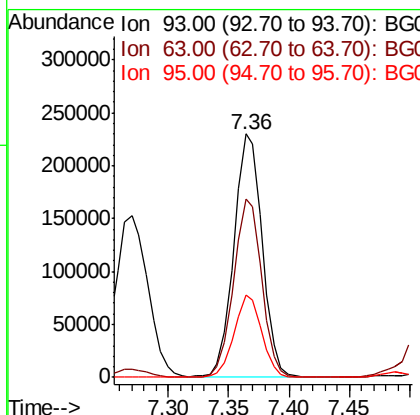
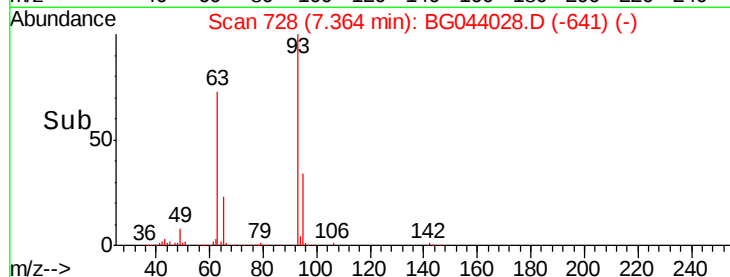
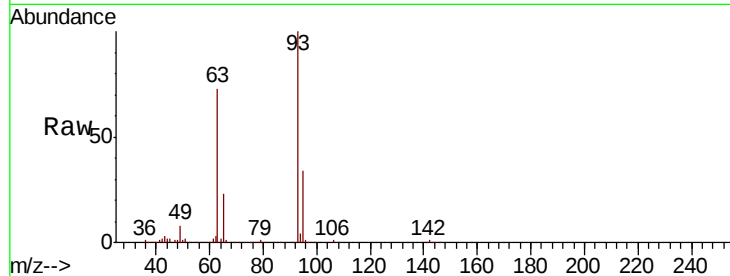
#11
bis(2-Chloroethyl)ether
Concen: 47.026 ng
RT: 7.36 min Scan# 728
Delta R.T. -0.02 min
Lab File: BG044028.D
Acq: 14 Jan 2020 1:35

Instrument :
BNA_G
ClientSampleId :
SB-MW-19(3-5)MSD

Tot Ion	Ratio	Resp	Lower	Upper
93	100	376378		
63	73.4		55.0	95.0
95	33.8		13.3	53.3

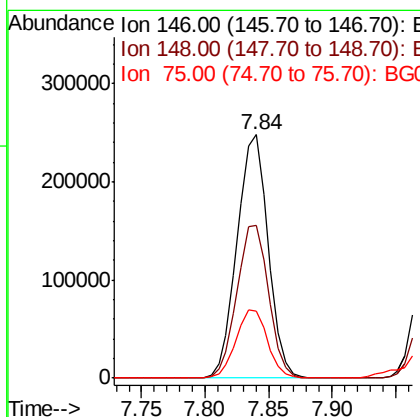
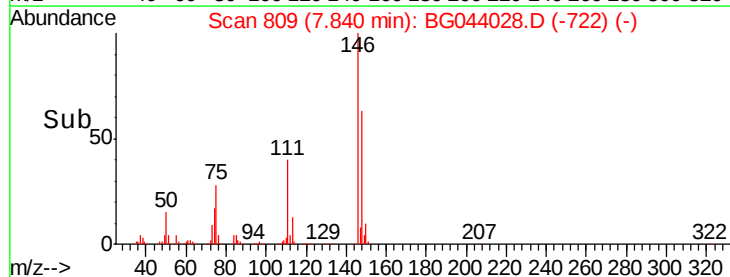
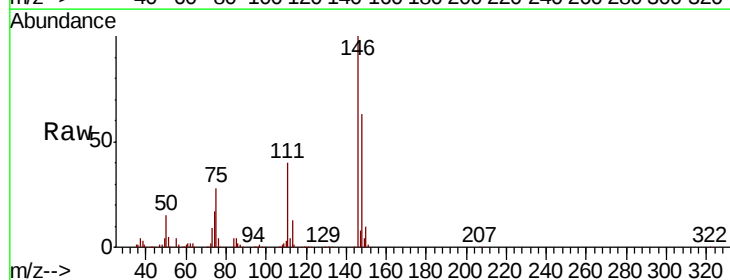
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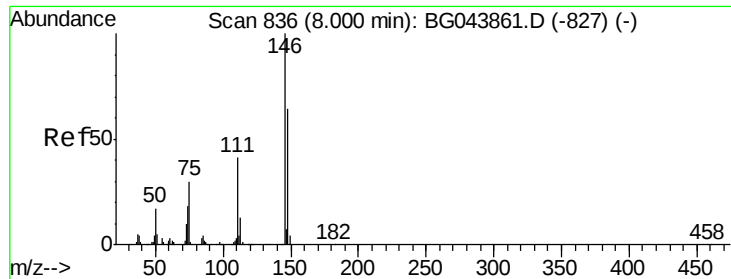
mohammad
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#12
1,3-Dichlorobenzene
Concen: 47.645 ng
RT: 7.84 min Scan# 809
Delta R.T. -0.02 min
Lab File: BG044028.D
Acq: 14 Jan 2020 1:35

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	421405		
148	62.6		52.1	78.1
75	27.7		23.0	34.4





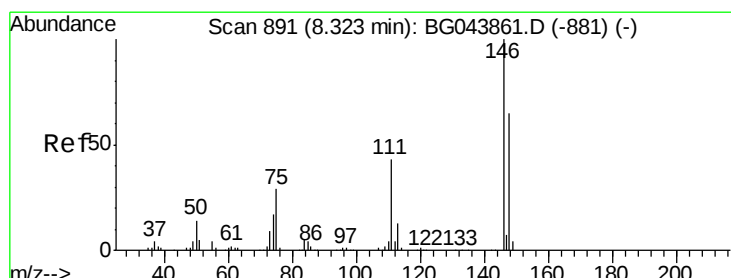
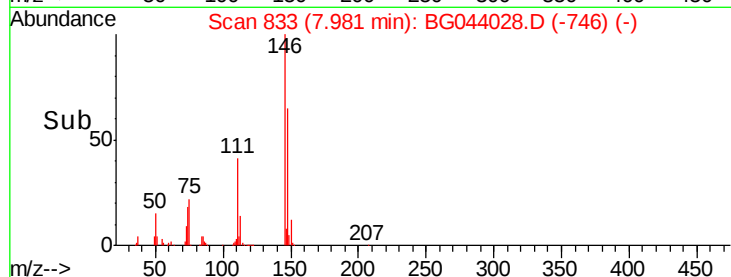
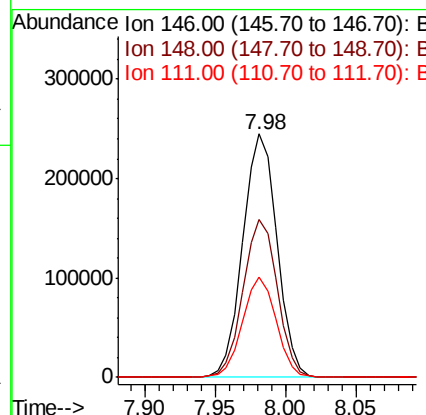
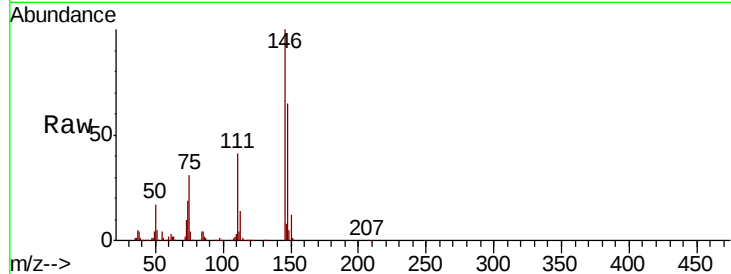
#13
1,4-Dichlorobenzene
Concen: 47.732 ng
RT: 7.98 min Scan# 833
Delta R.T. -0.02 min
Lab File: BG044028.D
Acq: 14 Jan 2020 1:35

Instrument :
BNA_G
ClientSampleId :
SB-MW-19(3-5)MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.0	51.2	76.8
111	41.4	33.1	49.7

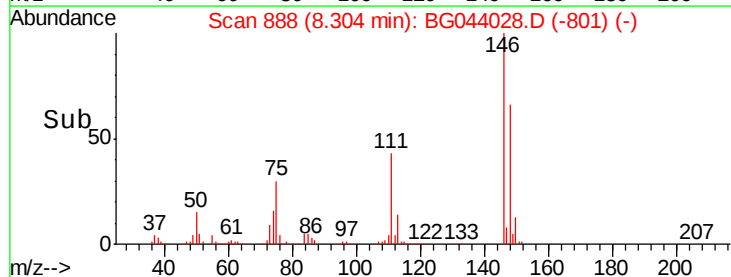
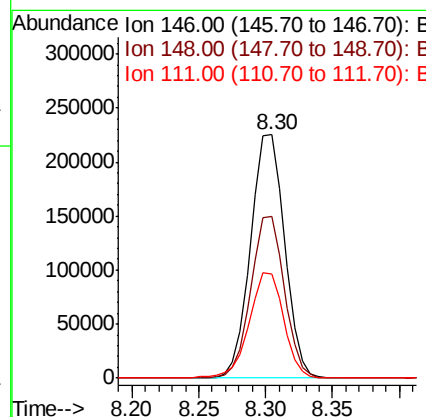
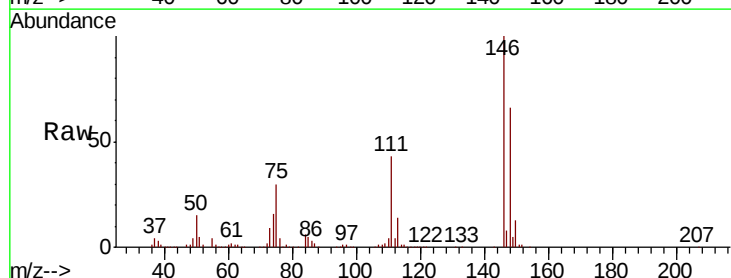
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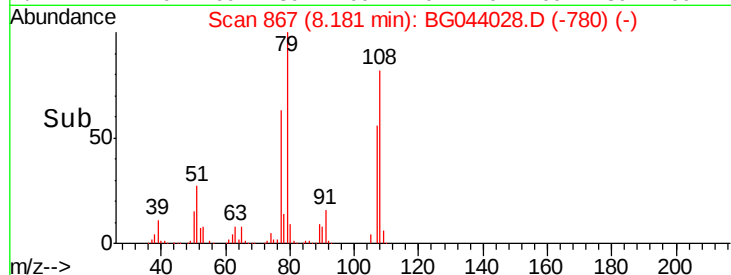
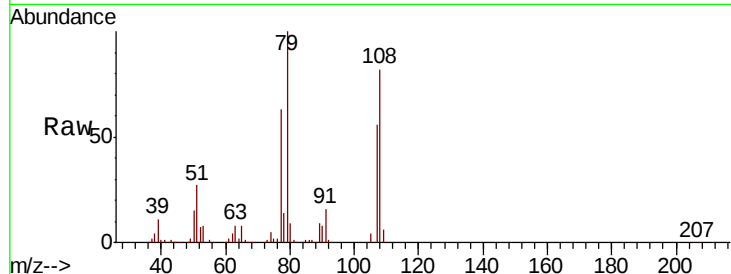
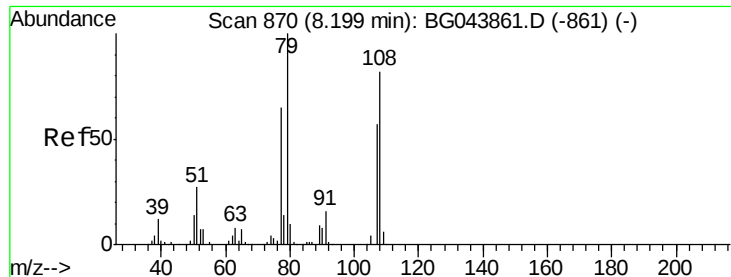
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#14
1,2-Dichlorobenzene
Concen: 47.227 ng
RT: 8.30 min Scan# 888
Delta R.T. -0.02 min
Lab File: BG044028.D
Acq: 14 Jan 2020 1:35

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.3	51.7	77.5
111	42.8	34.4	51.6





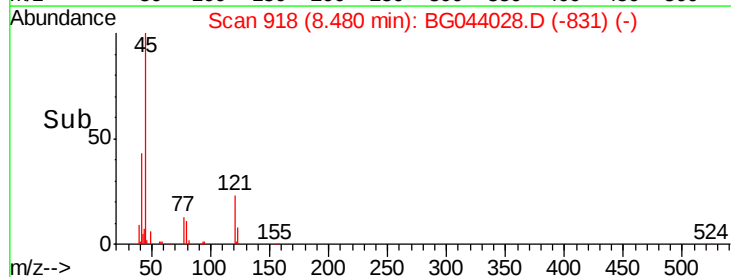
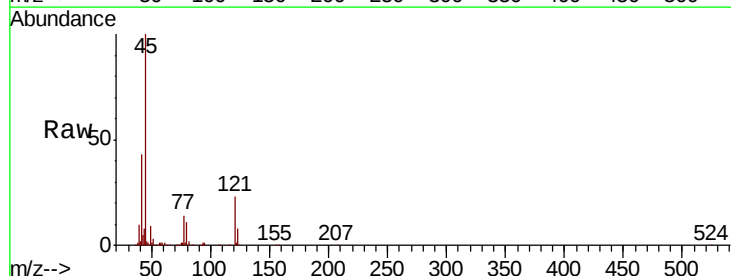
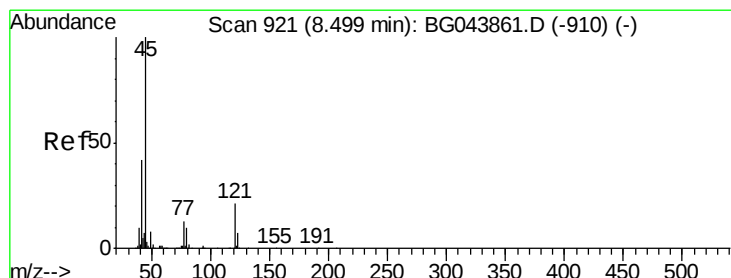
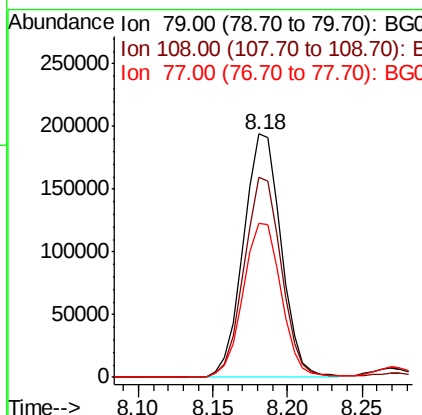
#15
Benzyl Alcohol
Concen: 47.758 ng
RT: 8.18 min Scan# 867
Delta R.T. -0.02 min
Lab File: BG044028.D
Acq: 14 Jan 2020 1:35

Tot Ion	Ratio	Lower	Upper
79	100		
108	82.0	65.6	98.4
77	63.4	52.0	78.0

Instrument :
BNA_G
ClientSampleId :
SB-MW-19(3-5)MSD

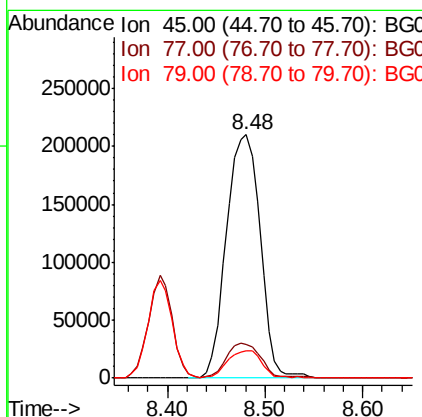
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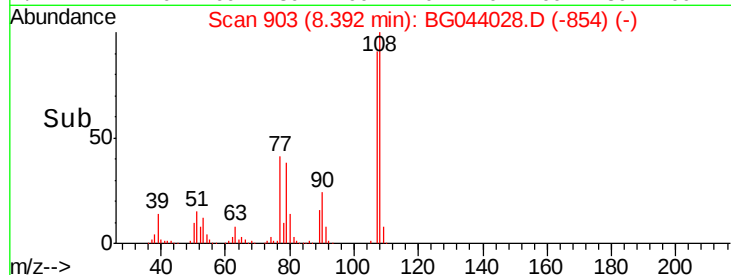
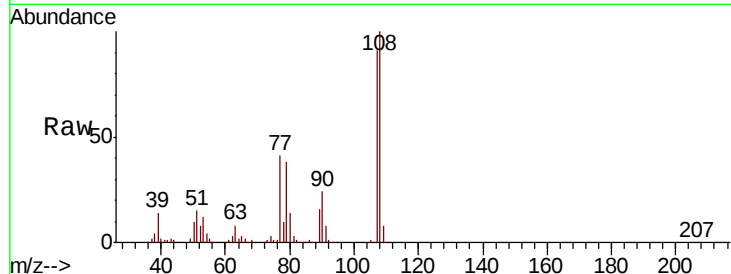
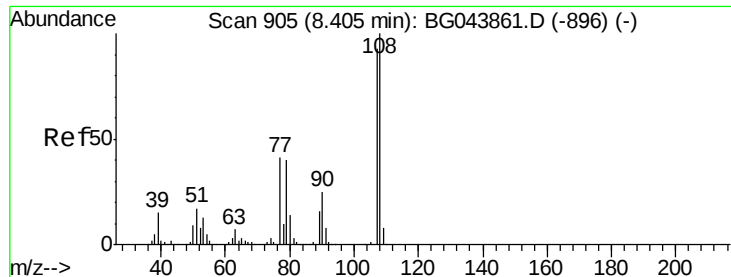
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.906 ng
RT: 8.48 min Scan# 918
Delta R.T. -0.02 min
Lab File: BG044028.D
Acq: 14 Jan 2020 1:35

Tgt Ion	Ratio	Lower	Upper
45	100		
77	13.7	0.0	33.8
79	11.1	0.0	31.0





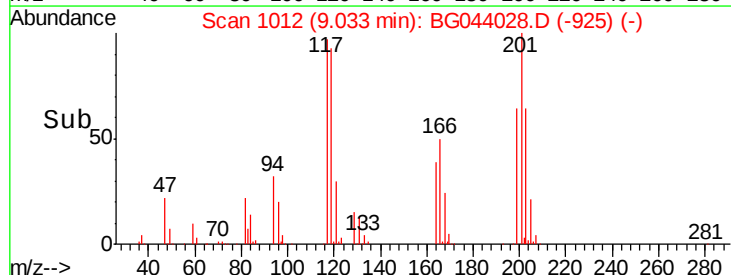
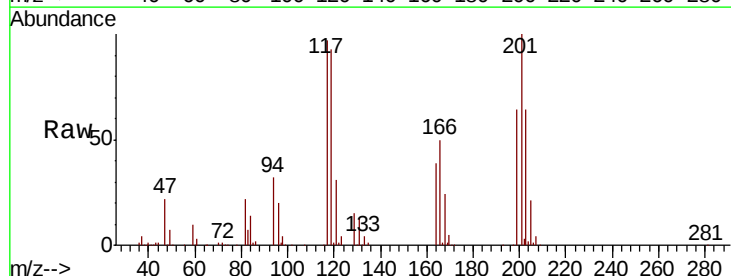
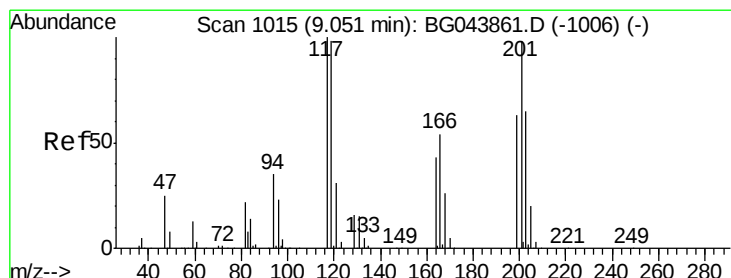
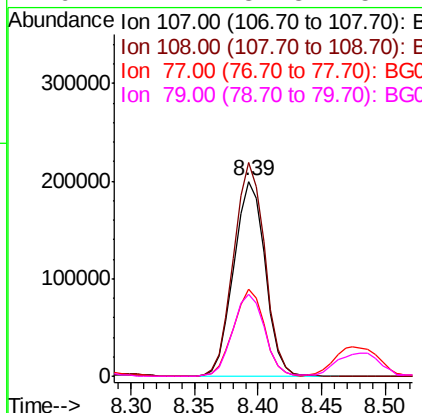
#17
2-Methylphenol
Concen: 51.074 ng
RT: 8.39 min Scan# 903
Delta R.T. -0.01 min
Lab File: BG044028.D
Acq: 14 Jan 2020 1:35

Tot Ion	107	Resp	342699
Ion Ratio	Lower	Upper	
107	100		
108	109.7	86.1	129.1
77	44.5	35.4	53.0
79	42.1	34.8	52.2

Instrument :
BNA_G
ClientSampleId :
SB-MW-19(3-5)MSD

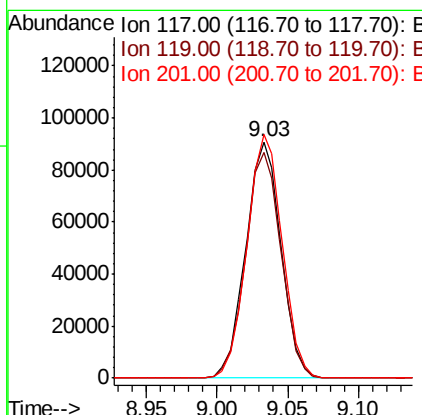
Manual Integrations
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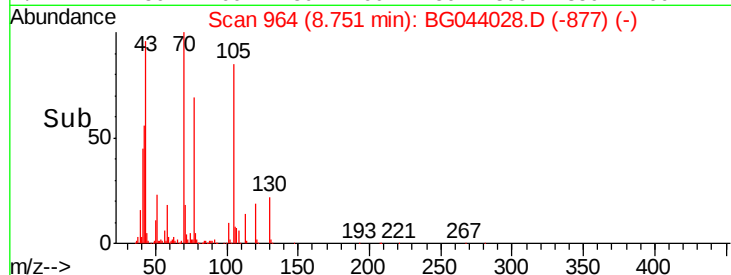
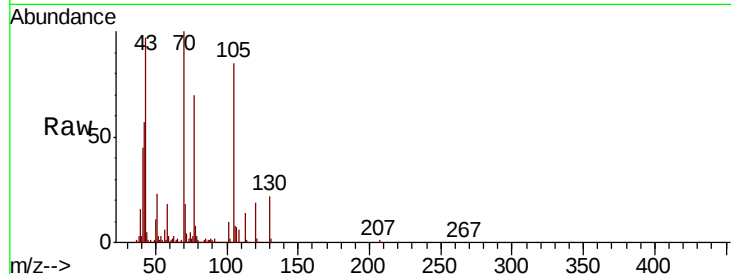
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#18
Hexachloroethane
Concen: 46.848 ng
RT: 9.03 min Scan# 1012
Delta R.T. -0.02 min
Lab File: BG044028.D
Acq: 14 Jan 2020 1:35

Tgt Ion	117	Resp	159081
Ion Ratio	Lower	Upper	
117	100		
119	95.4	78.1	117.1
201	103.0	78.6	117.8





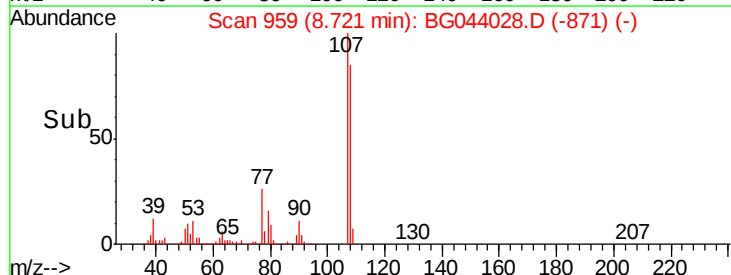
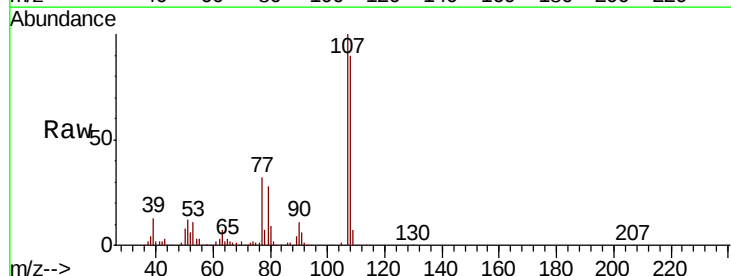
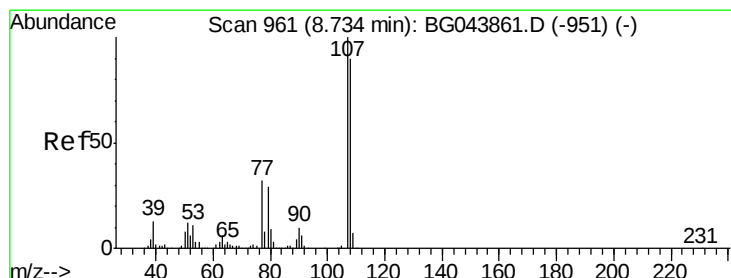
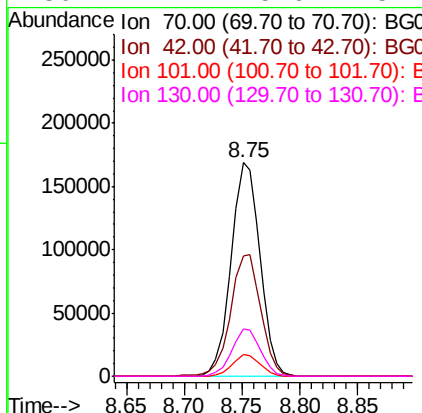
#19
n-Nitroso-di-n-propylamine
Concen: 43.578 ng
RT: 8.75 min Scan# 964
Delta R.T. -0.02 min
Lab File: BG044028.D
Acq: 14 Jan 2020 1:35

Instrument :
BNA_G
ClientSampleId :
SB-MW-19(3-5)MSD

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	56.6	47.0	70.4	
101	10.2	7.2	10.8	
130	22.4	15.6	23.4	

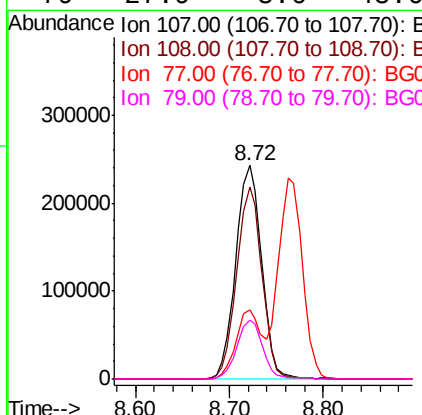
Manual Integrations
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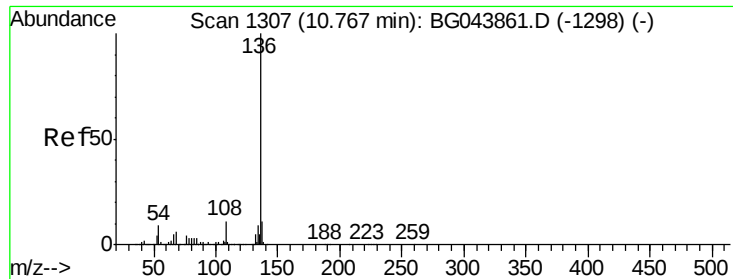
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#20
3+4-Methylphenols
Concen: 49.734 ng
RT: 8.72 min Scan# 959
Delta R.T. -0.01 min
Lab File: BG044028.D
Acq: 14 Jan 2020 1:35

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	89.8	70.3	110.3	
77	32.4	12.4	52.4	
79	27.9	8.6	48.6	





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.75 min Scan# 1304

Delta R.T. -0.02 min

Lab File: BG044028.D

Acq: 14 Jan 2020 1:35

Instrument :

BNA_G

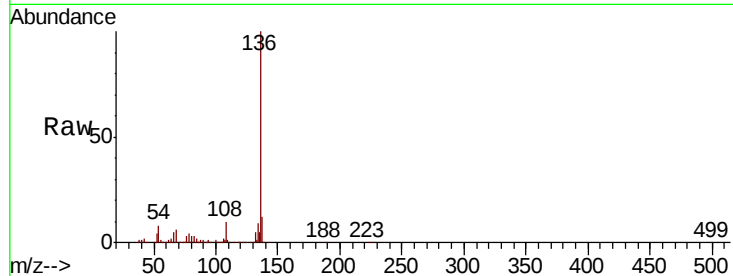
ClientSampleId :

SB-MW-19(3-5)MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	482347		
137	11.9		8.8	13.2
54	8.2		7.0	10.4
68	5.9		4.9	7.3

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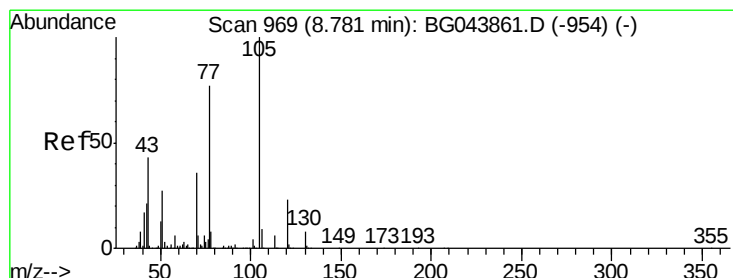
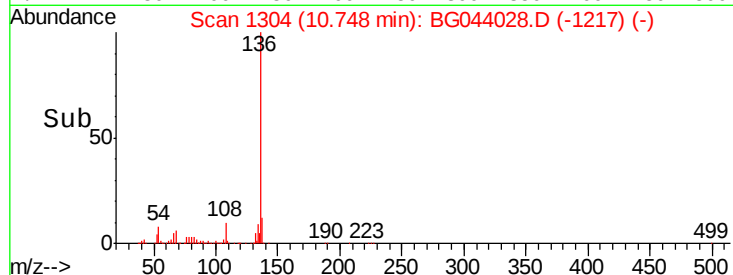
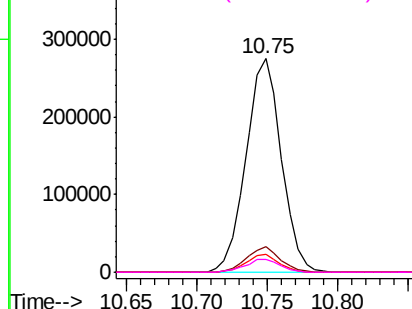
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 45.374 ng

RT: 8.77 min Scan# 967

Delta R.T. -0.01 min

Lab File: BG044028.D

Acq: 14 Jan 2020 1:35

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	544108		
71	3.7		4.8	7.2#
51	26.0		21.4	32.0
120	23.8		18.6	28.0

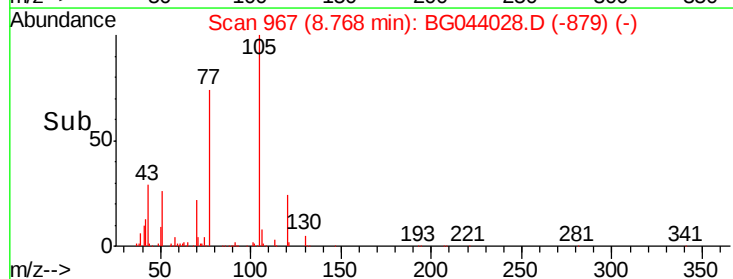
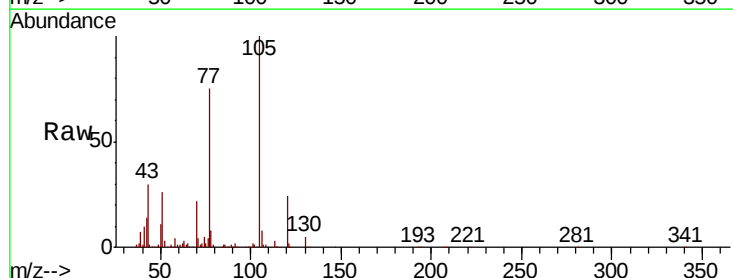
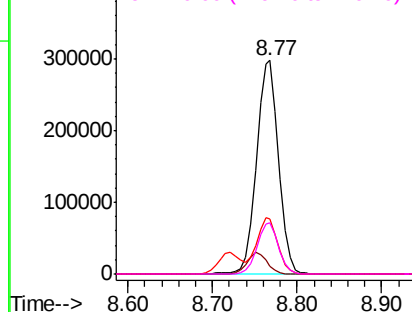
Abundance

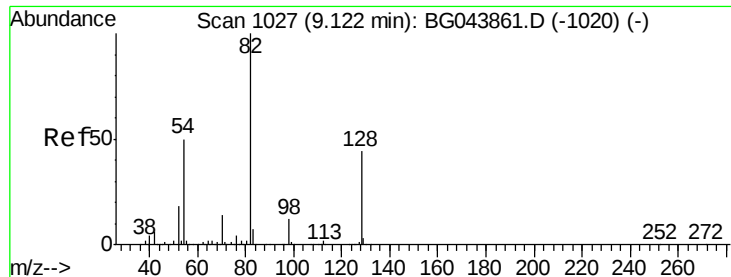
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E





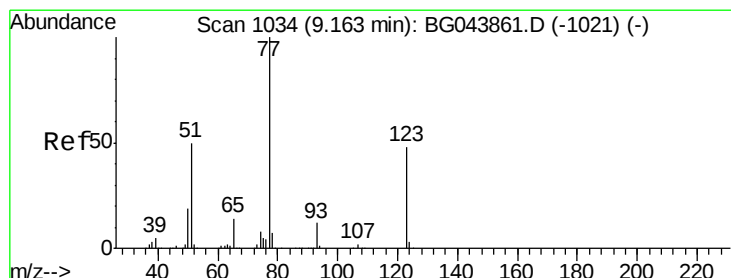
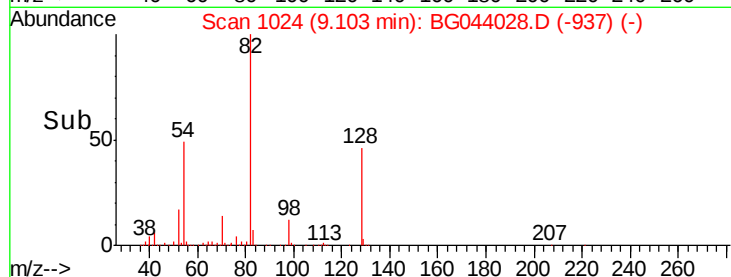
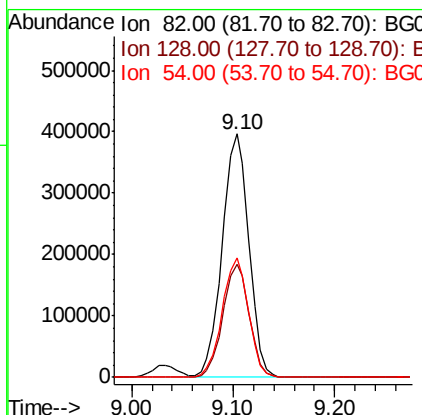
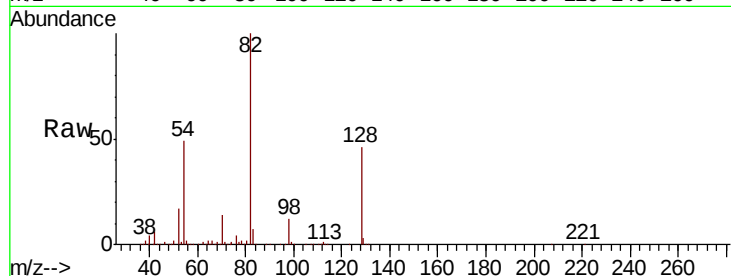
#23
 Nitrobenzene-d5
 Concen: 79.870 ng
 RT: 9.10 min Scan# 1024
 Delta R.T. -0.02 min
 Lab File: BG044028.D
 Acq: 14 Jan 2020 1:35

Instrument :
 BNA_G
 ClientSampleId :
 SB-MW-19(3-5)MSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.5	35.1	52.7
54	49.1	40.1	60.1

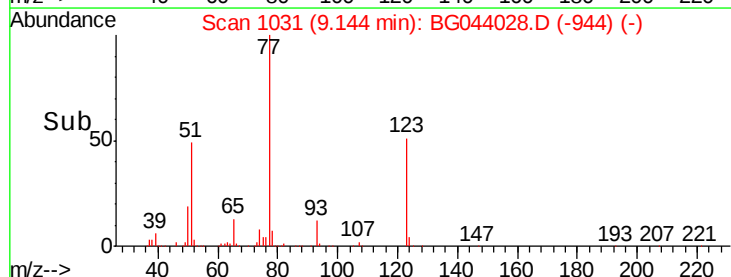
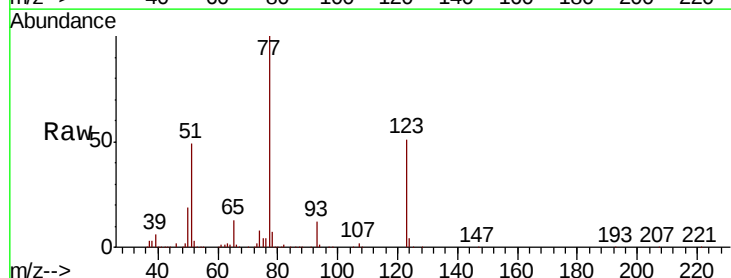
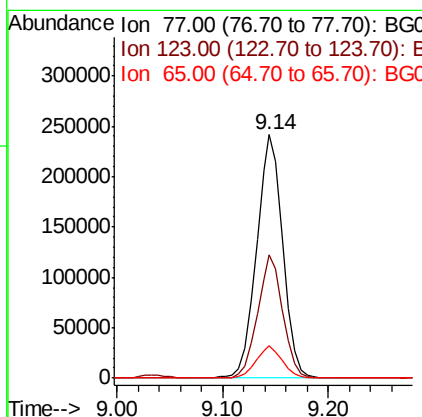
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#24
 Nitrobenzene
 Concen: 46.611 ng
 RT: 9.14 min Scan# 1031
 Delta R.T. -0.02 min
 Lab File: BG044028.D
 Acq: 14 Jan 2020 1:35

Tgt Ion	Ratio	Lower	Upper
77	100		
123	50.6	38.7	58.1
65	13.1	11.1	16.7





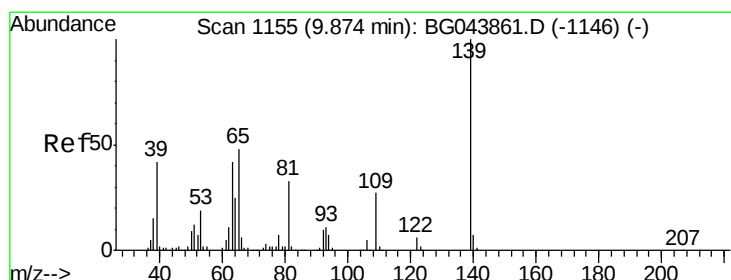
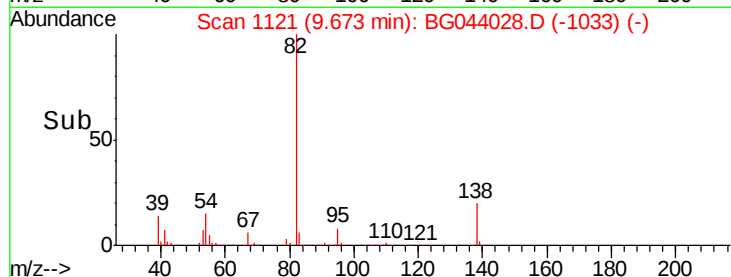
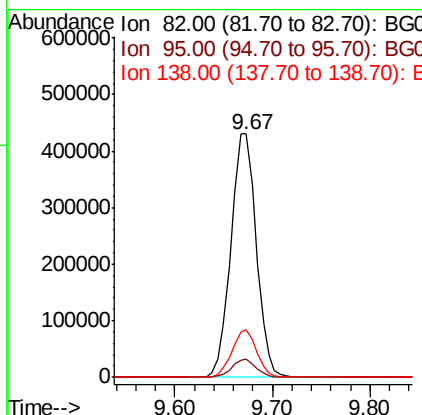
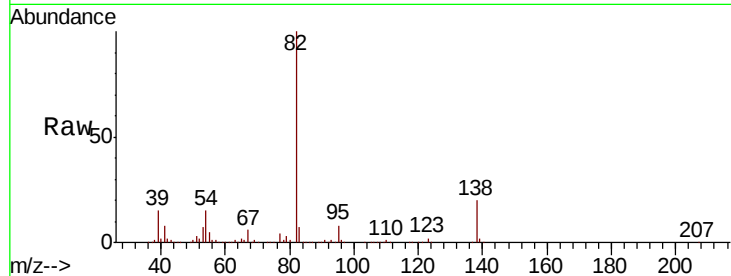
#25
Isophorone
Concen: 46.075 ng
RT: 9.67 min Scan# 1121
Delta R.T. -0.01 min
Lab File: BG044028.D
Acq: 14 Jan 2020 1:35

Instrument :
BNA_G
ClientSampleId :
SB-MW-19(3-5)MSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100	779407		
95	7.5		5.8	8.6
138	19.8		14.6	22.0

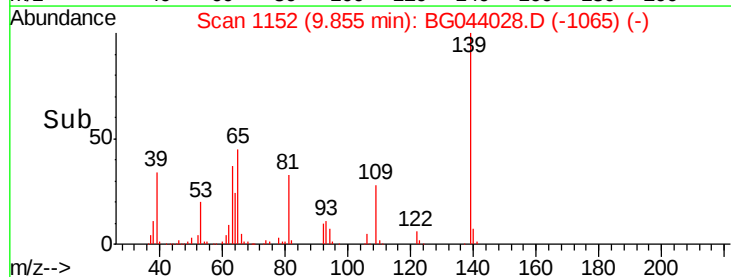
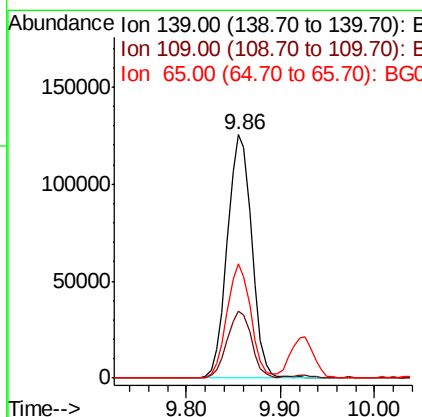
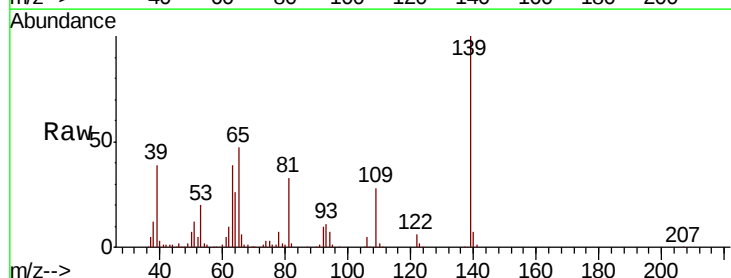
Manual Integrations
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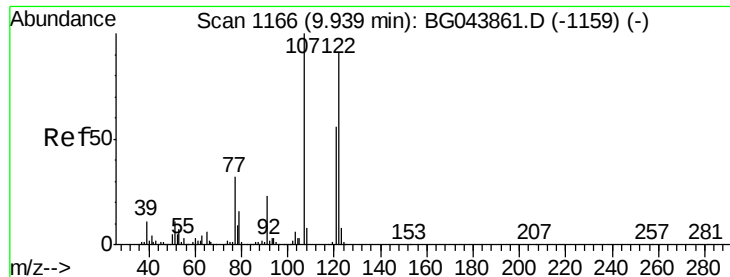
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#26
2-Nitrophenol
Concen: 53.581 ng
RT: 9.86 min Scan# 1152
Delta R.T. -0.02 min
Lab File: BG044028.D
Acq: 14 Jan 2020 1:35

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	226379		
109	27.6		21.3	31.9
65	46.8		38.6	57.8





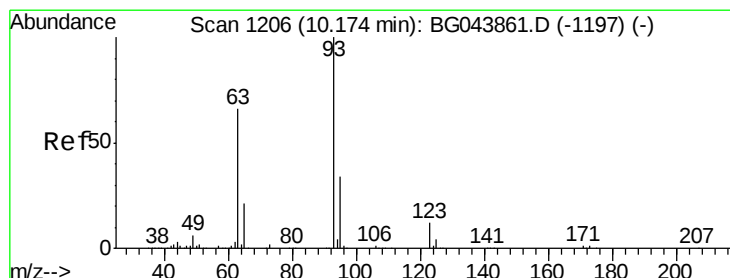
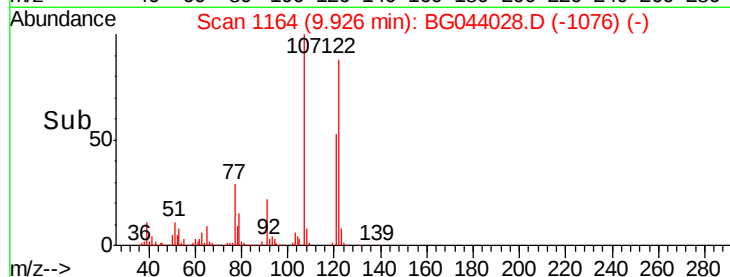
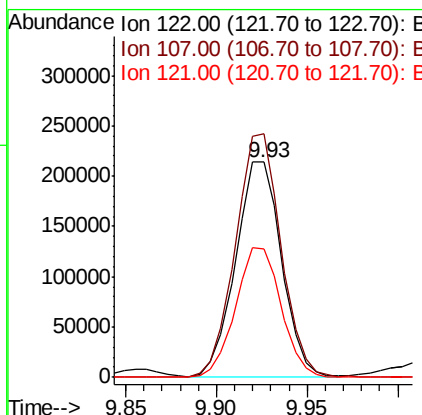
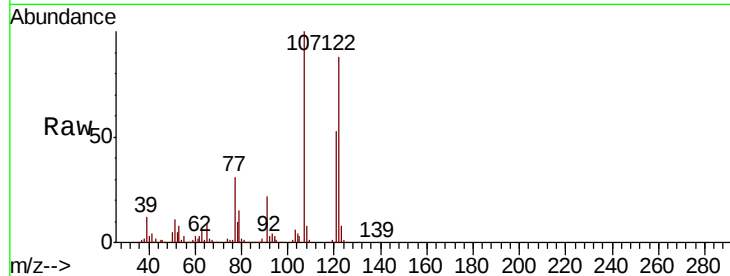
#27
2,4-Dimethylphenol
Concen: 59.078 ng
RT: 9.93 min Scan# 1164
Delta R.T. -0.01 min
Lab File: BG044028.D
Acq: 14 Jan 2020 1:35

Instrument :
BNA_G
ClientSampleId :
SB-MW-19(3-5)MSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	375729		
107	113.0	88.0	132.0	
121	59.4	49.0	73.4	

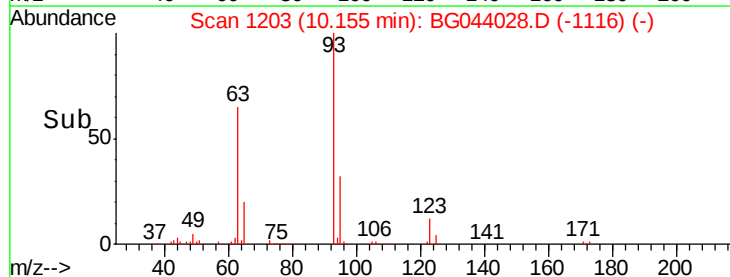
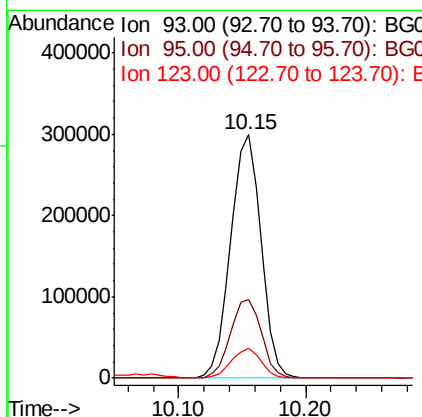
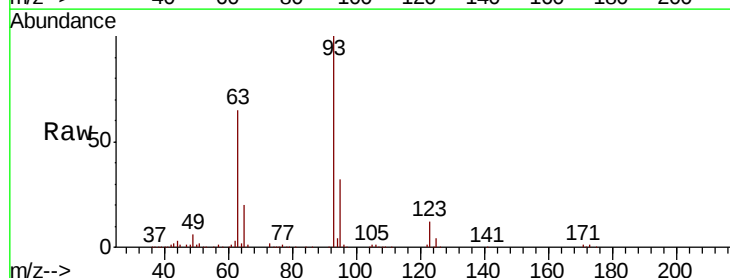
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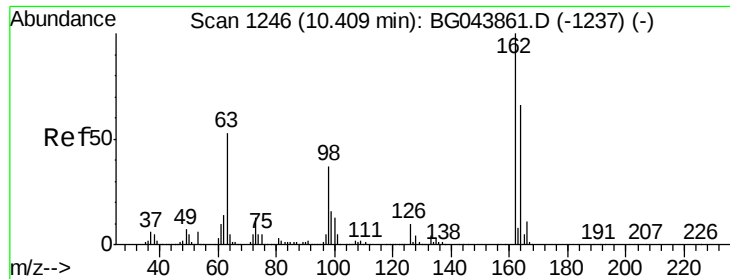
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 43.922 ng
RT: 10.15 min Scan# 1203
Delta R.T. -0.02 min
Lab File: BG044028.D
Acq: 14 Jan 2020 1:35

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	495335		
95	32.3	27.2	40.8	
123	12.1	9.7	14.5	





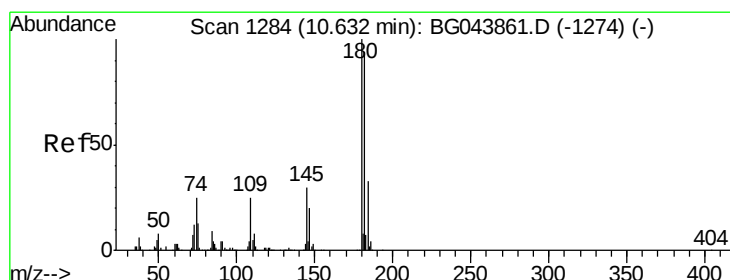
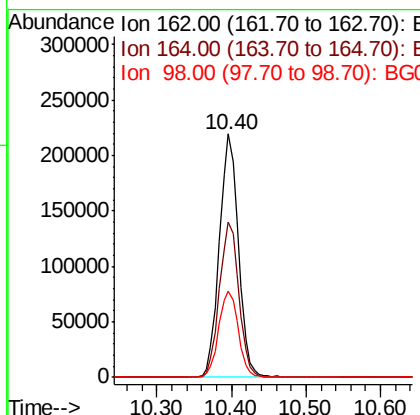
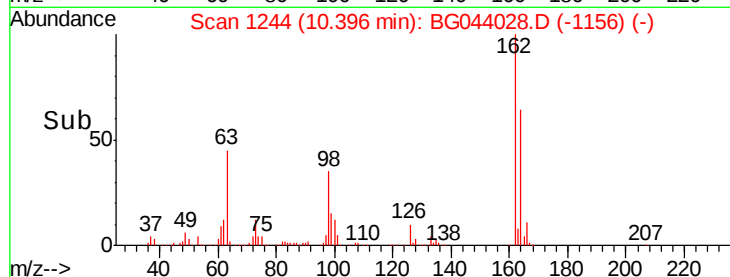
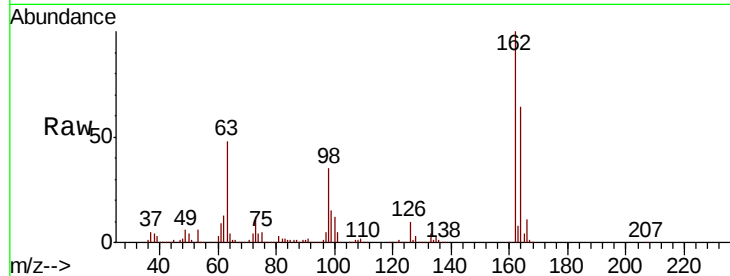
#29
2,4-Dichlorophenol
Concen: 51.451 ng
RT: 10.40 min Scan# 1244
Delta R.T. -0.01 min
Lab File: BG044028.D
Acq: 14 Jan 2020 1:35

Instrument :
BNA_G
ClientSampleId :
SB-MW-19(3-5)MSD

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	63.8	46.3	86.3
98	35.3	17.3	57.3

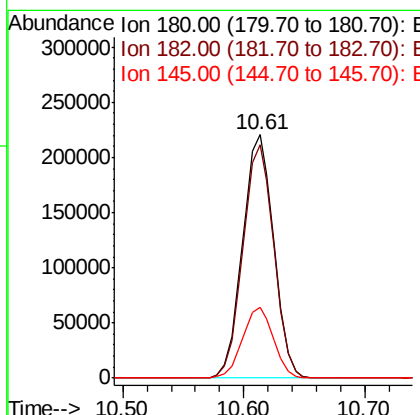
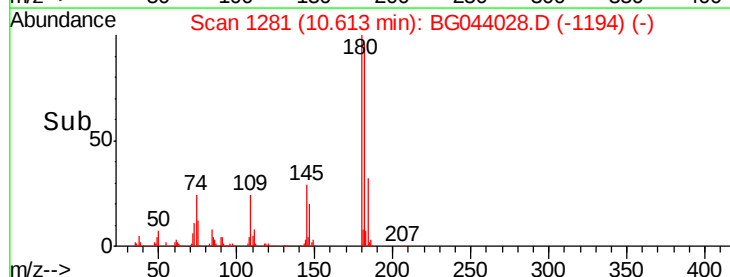
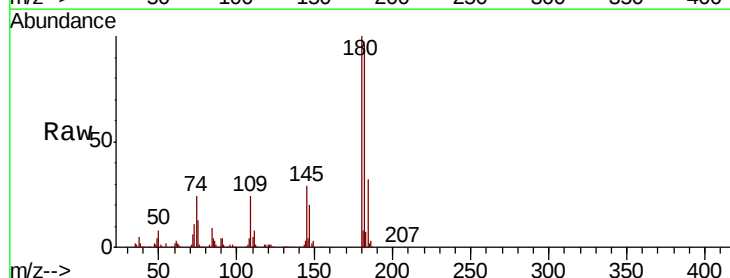
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#30
1,2,4-Trichlorobenzene
Concen: 46.433 ng
RT: 10.61 min Scan# 1281
Delta R.T. -0.02 min
Lab File: BG044028.D
Acq: 14 Jan 2020 1:35

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	95.7	75.0	112.4
145	29.3	24.2	36.4





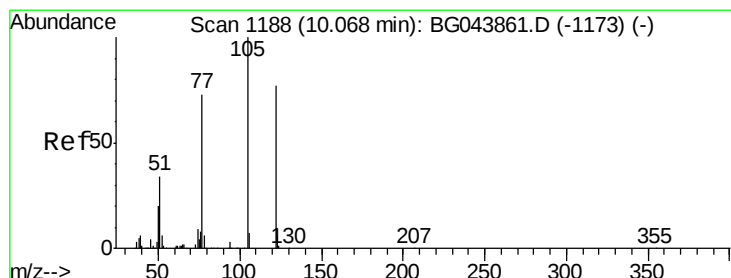
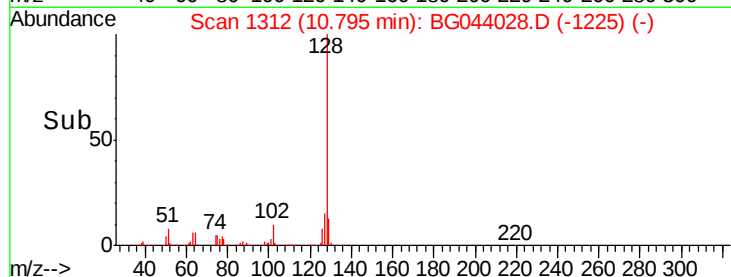
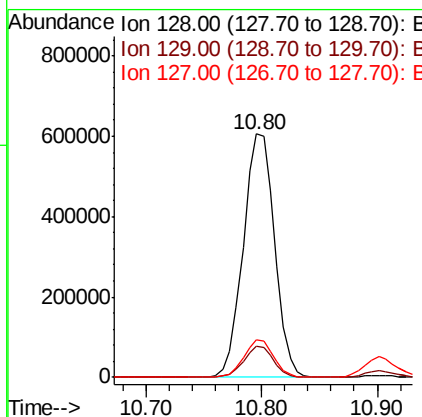
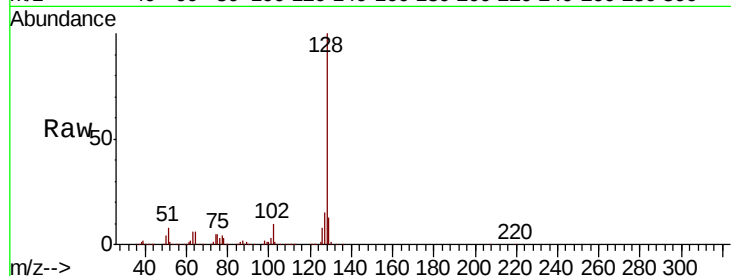
#31
Naphthalene
Concen: 48.992 ng
RT: 10.80 min Scan# 1312
Delta R.T. -0.02 min
Lab File: BG044028.D
Acq: 14 Jan 2020 1:35

Instrument :
BNA_G
ClientSampleId :
SB-MW-19(3-5)MSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	12.5	9.8	14.6
127	15.2	12.0	18.0

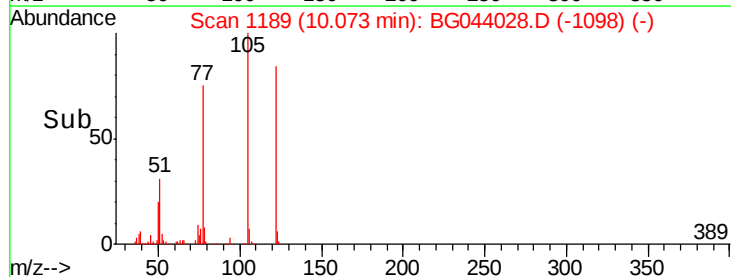
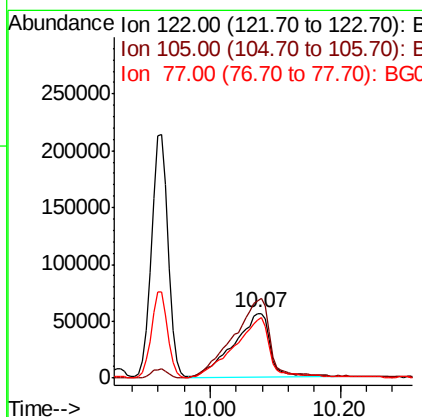
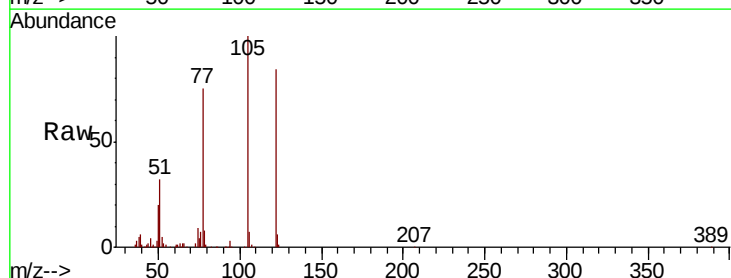
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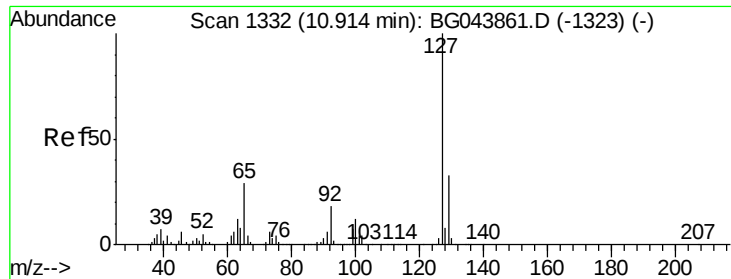
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#32
Benzoic acid
Concen: 43.111 ng
RT: 10.07 min Scan# 1189
Delta R.T. 0.01 min
Lab File: BG044028.D
Acq: 14 Jan 2020 1:35

Tgt Ion	Ratio	Lower	Upper
122	100		
105	118.4	106.4	146.4
77	88.6	74.6	114.6





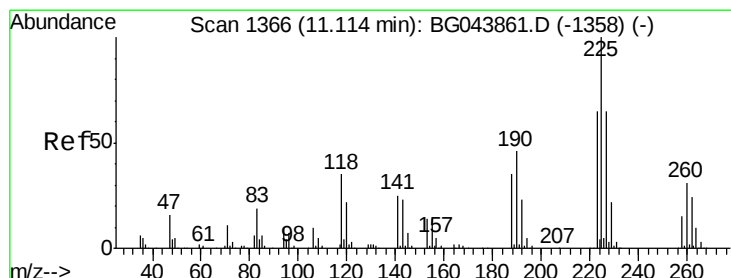
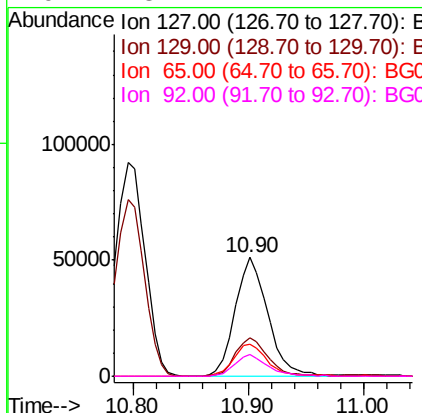
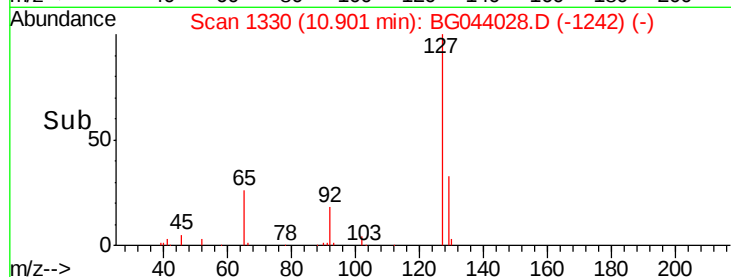
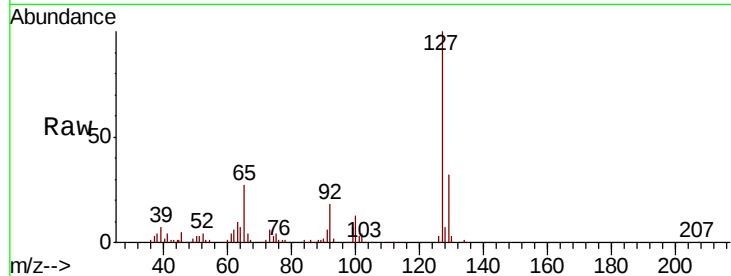
#33
4-Chloroaniline
Concen: 8.966 ng
RT: 10.90 min Scan# 1330
Delta R.T. -0.01 min
Lab File: BG044028.D
Acq: 14 Jan 2020 1:35

Instrument :
BNA_G
ClientSampleId :
SB-MW-19(3-5)MSD

Tot Ion	Ratio	Lower	Upper
127	100		
129	32.4	26.6	40.0
65	26.7	23.3	34.9
92	18.1	14.7	22.1

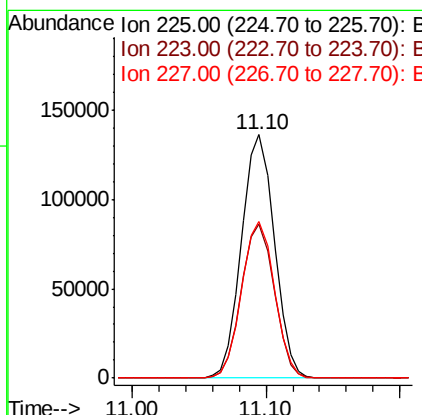
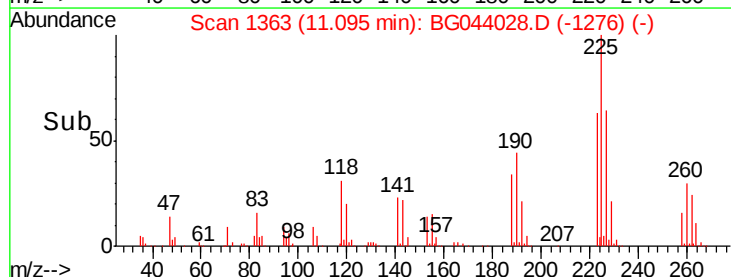
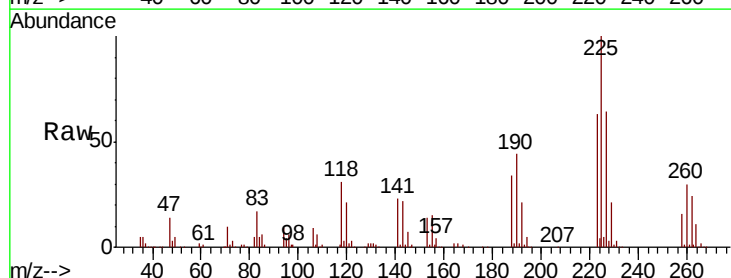
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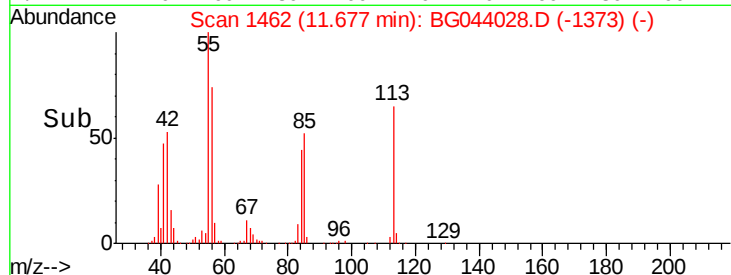
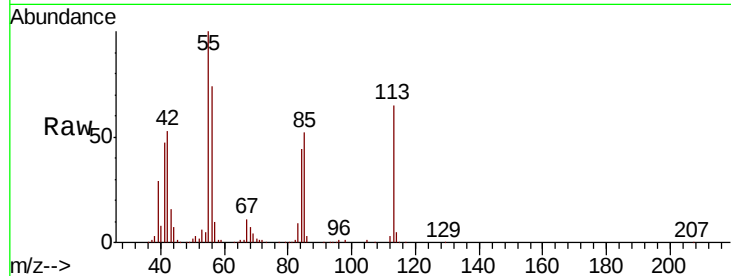
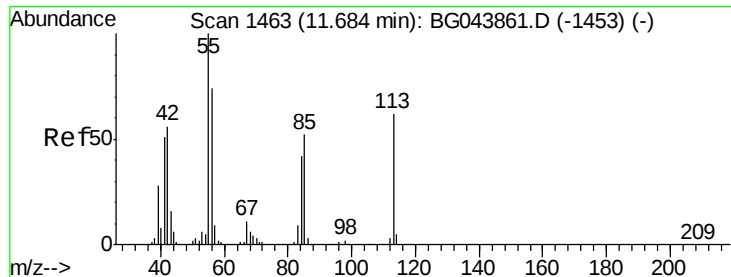
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#34
Hexachlorobutadiene
Concen: 44.699 ng
RT: 11.10 min Scan# 1363
Delta R.T. -0.02 min
Lab File: BG044028.D
Acq: 14 Jan 2020 1:35

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.3	52.2	78.4
227	64.4	52.1	78.1





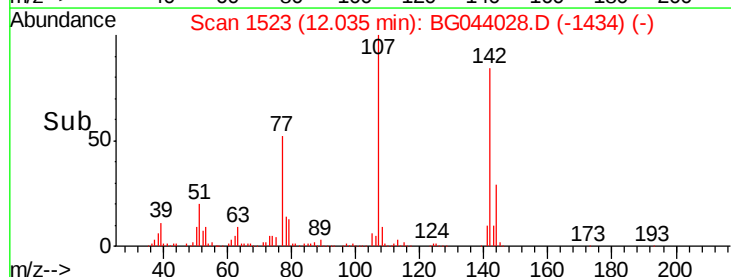
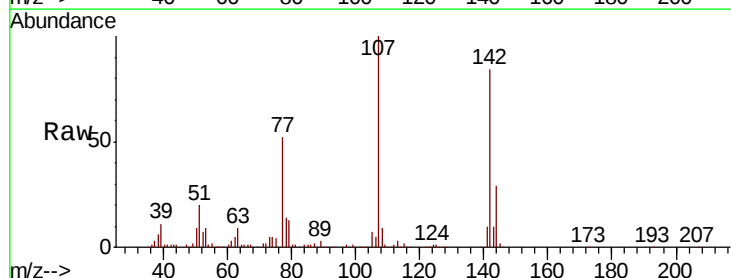
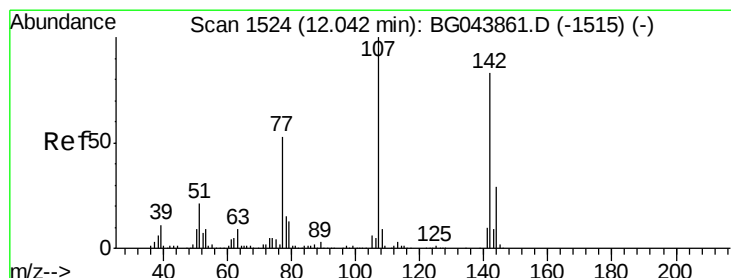
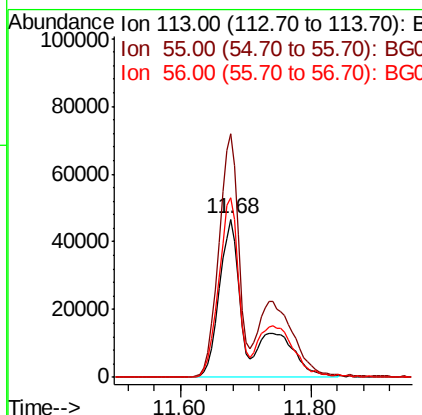
#35
Caprolactam
Concen: 52.480 ng/mL
RT: 11.68 min Scan# 1462
Delta R.T. -0.01 min
Lab File: BG044028.D
Acq: 14 Jan 2020 1:35

Instrument :
BNA_G
ClientSampleId :
SB-MW-19(3-5)MSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	153.8	142.5	182.5
56	113.7	101.4	141.4

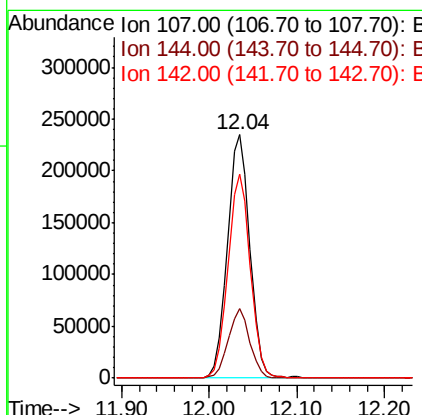
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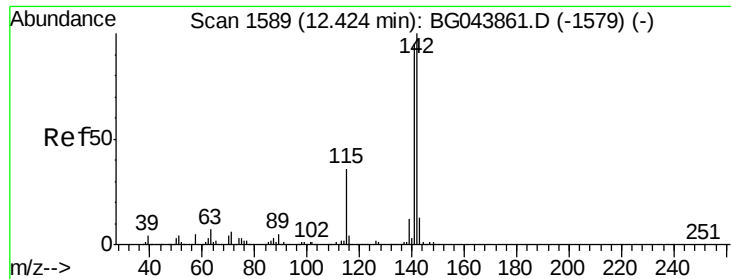
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#36
4-Chloro-3-methylphenol
Concen: 50.987 ng/mL
RT: 12.04 min Scan# 1523
Delta R.T. -0.01 min
Lab File: BG044028.D
Acq: 14 Jan 2020 1:35

Tgt Ion	Ratio	Lower	Upper
107	100		
144	28.8	23.4	35.2
142	83.8	66.3	99.5





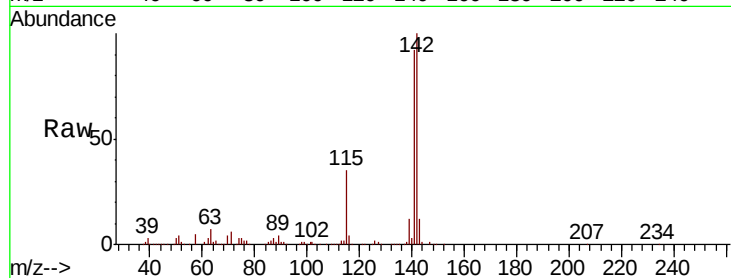
#37
2-Methylnaphthalene
Concen: 48.436 ng
RT: 12.41 min Scan# 1586
Delta R.T. -0.02 min
Lab File: BG044028.D
Acq: 14 Jan 2020 1:35

Instrument :
BNA_G
ClientSampleId :
SB-MW-19(3-5)MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.9	75.8	113.8
115	34.8	28.6	42.8

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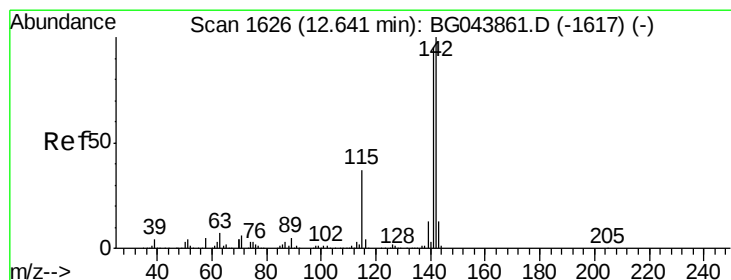
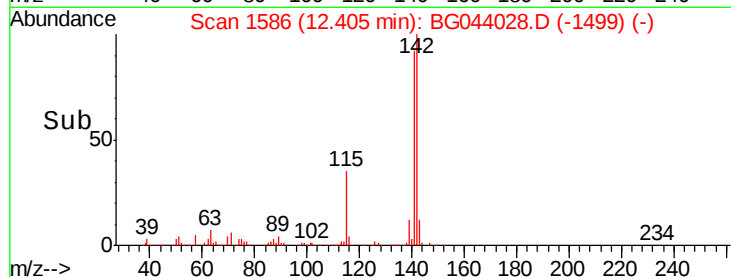
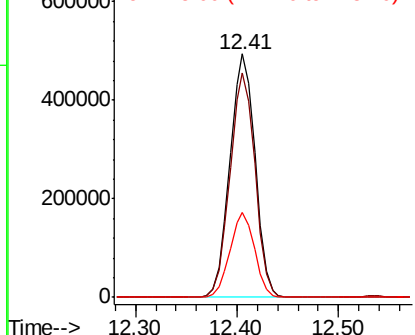


Abundance

Ion 142.00 (141.70 to 142.70): E

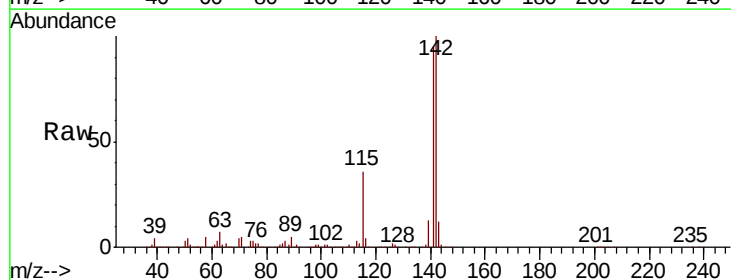
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 48.599 ng
RT: 12.62 min Scan# 1623
Delta R.T. -0.02 min
Lab File: BG044028.D
Acq: 14 Jan 2020 1:35

Tgt Ion	Ratio	Lower	Upper
142	100		
141	95.3	76.0	114.0
116	4.1	3.1	4.7

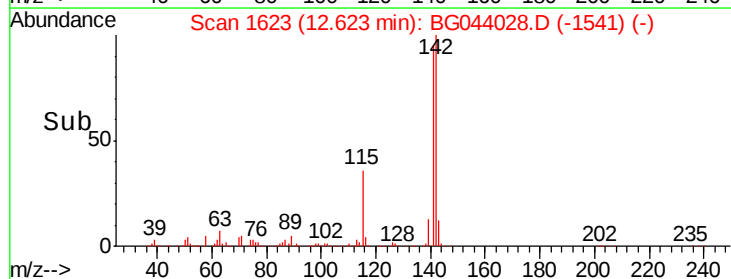
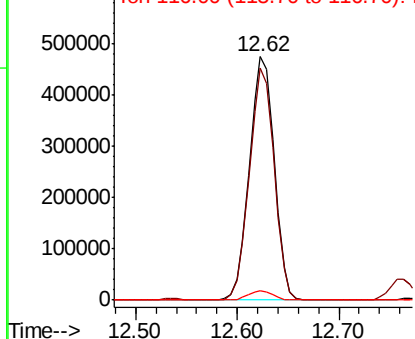


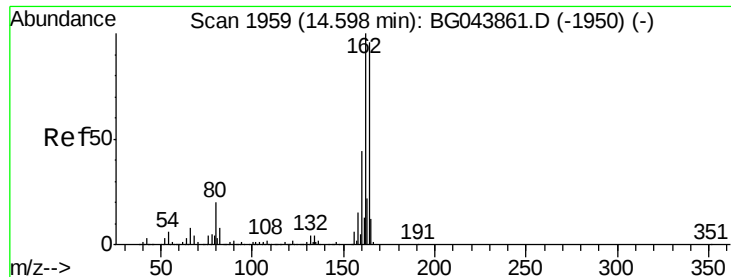
Abundance

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: 14.58 min Scan# 1956

Delta R.T. -0.02 min

Lab File: BG044028.D

Acq: 14 Jan 2020 1:35

Instrument :

BNA_G

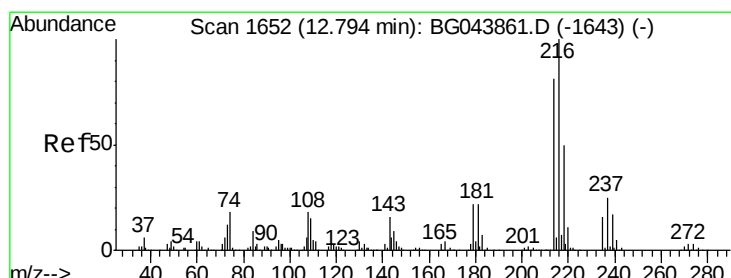
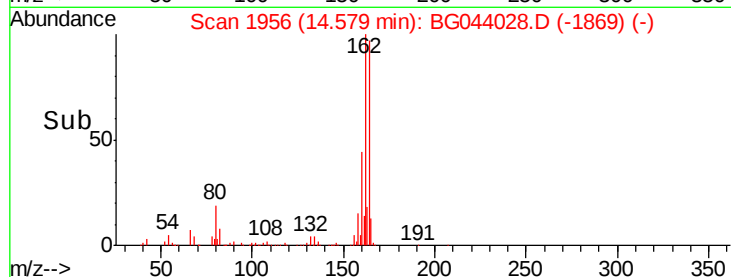
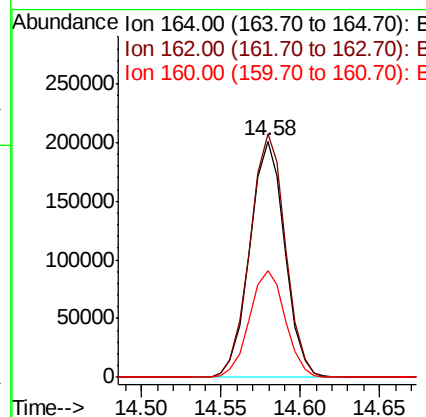
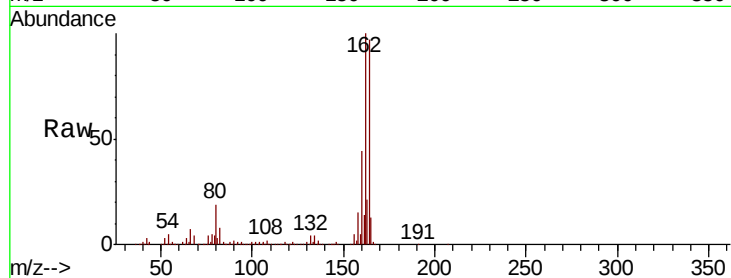
ClientSampleId :

SB-MW-19(3-5)MSD

Tot Ion:	164	Resp:	308220
Ion Ratio	Lower	Upper	
164	100		
162	103.2	83.0	124.4
160	44.9	36.1	54.1

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 44.907 ng

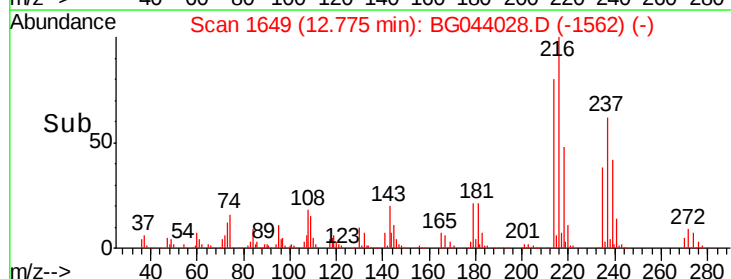
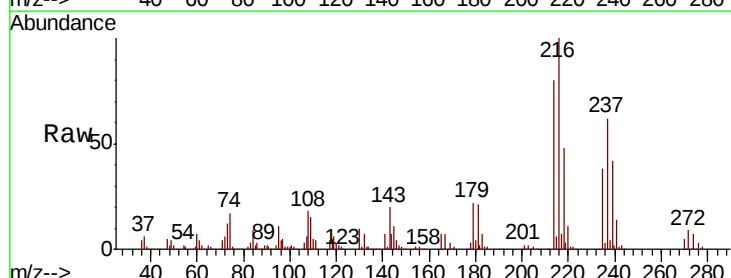
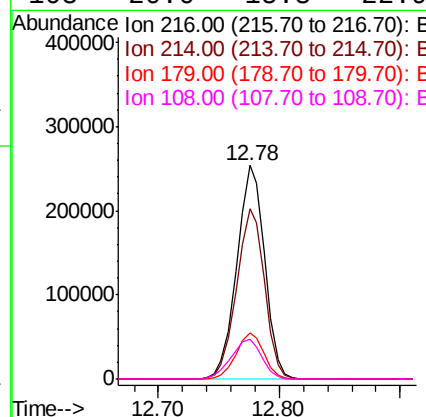
RT: 12.78 min Scan# 1649

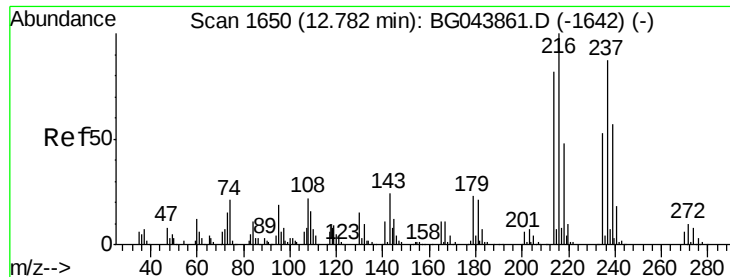
Delta R.T. -0.02 min

Lab File: BG044028.D

Acq: 14 Jan 2020 1:35

Tgt Ion:	216	Resp:	405691
Ion Ratio	Lower	Upper	
216	100		
214	80.1	63.8	95.8
179	21.5	17.3	25.9
108	20.6	15.3	22.9





#41

Hexachlorocyclopentadiene

Concen: 110.787 ng

RT: 12.76 min Scan# 1647

Delta R.T. -0.02 min

Lab File: BG044028.D

Acq: 14 Jan 2020 1:35

Instrument :

BNA_G

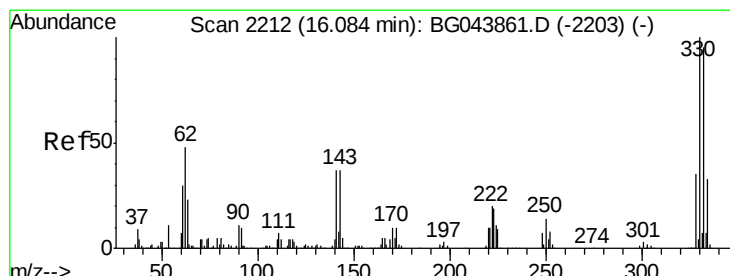
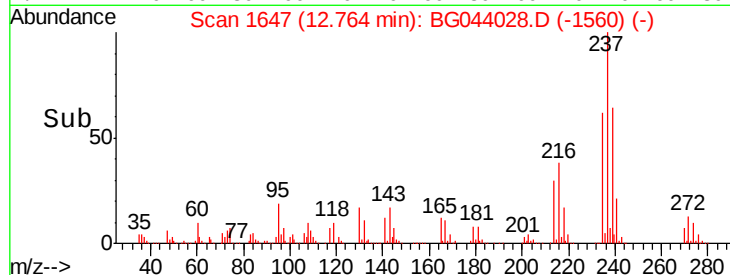
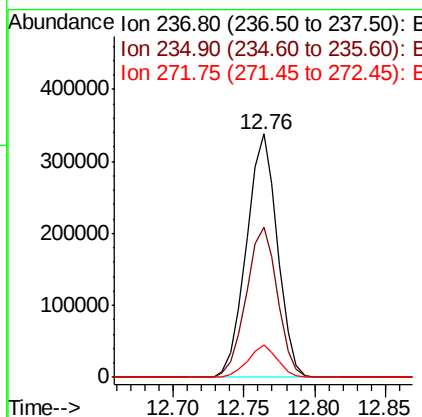
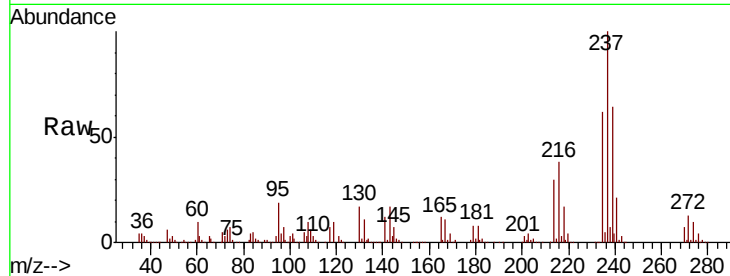
ClientSampleId :

SB-MW-19(3-5)MSD

Tot Ion:	237	Resp:	518874
Ion Ratio	Lower	Upper	
237	100		
235	61.8	41.1	81.1
272	13.4	0.0	31.7

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#42

2,4,6-Tribromophenol

Concen: 141.700 ng

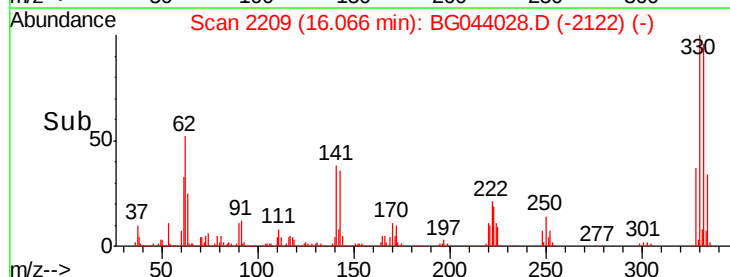
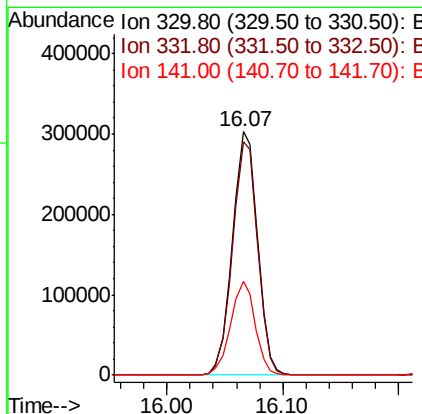
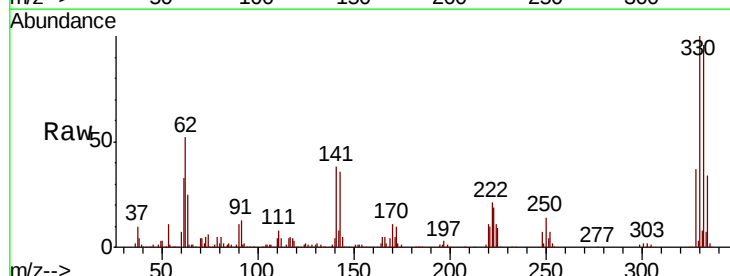
RT: 16.07 min Scan# 2209

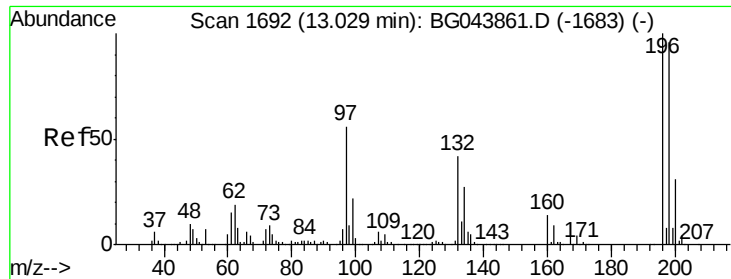
Delta R.T. -0.02 min

Lab File: BG044028.D

Acq: 14 Jan 2020 1:35

Tgt Ion:	330	Resp:	457049
Ion Ratio	Lower	Upper	
330	100		
332	96.2	77.2	115.8
141	37.8	33.1	49.7





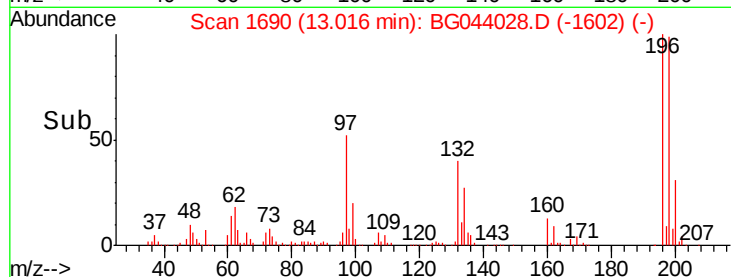
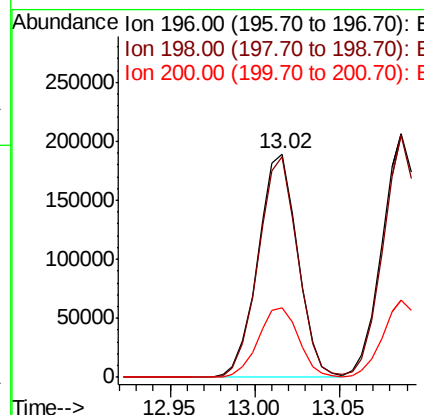
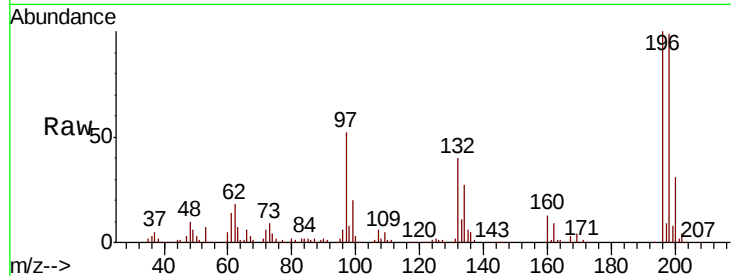
#43
 2,4,6-Trichlorophenol
 Concen: 49.593 ng
 RT: 13.02 min Scan# 1690
 Delta R.T. -0.01 min
 Lab File: BG044028.D
 Acq: 14 Jan 2020 1:35

Instrument :
 BNA_G
 ClientSampleId :
 SB-MW-19(3-5)MSD

Tot Ion	Ratio	Lower	Upper
196	100		
198	98.9	76.6	115.0
200	31.0	24.6	37.0

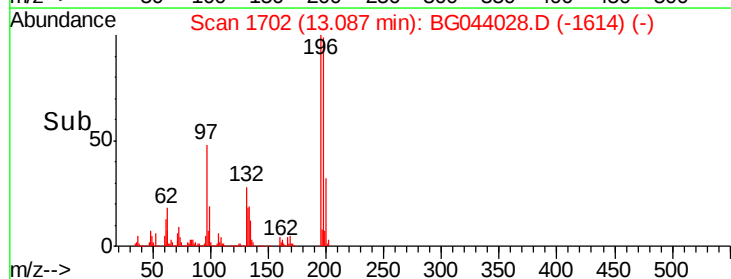
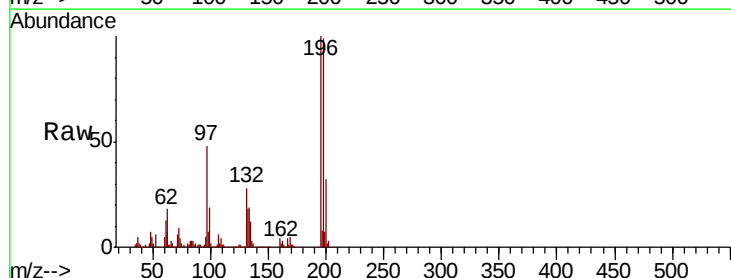
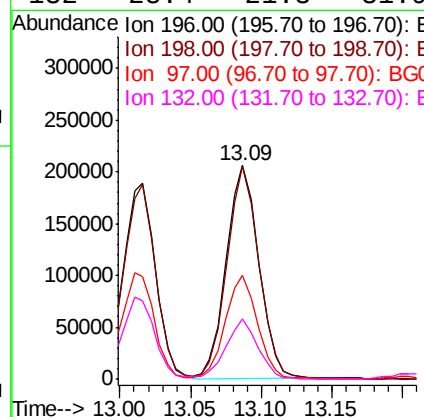
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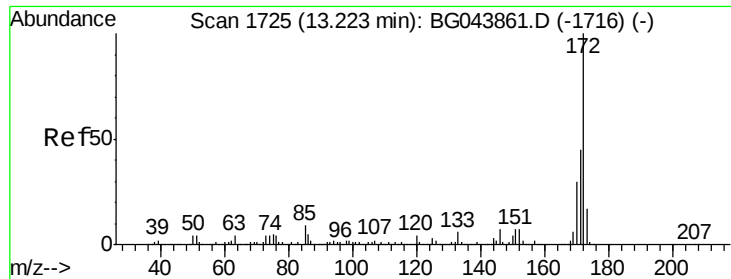
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#44
 2,4,5-Trichlorophenol
 Concen: 51.796 ng
 RT: 13.09 min Scan# 1702
 Delta R.T. -0.01 min
 Lab File: BG044028.D
 Acq: 14 Jan 2020 1:35

Tgt Ion	Ratio	Lower	Upper
196	100		
198	99.4	78.3	117.5
97	48.4	38.8	58.2
132	28.4	21.3	31.9





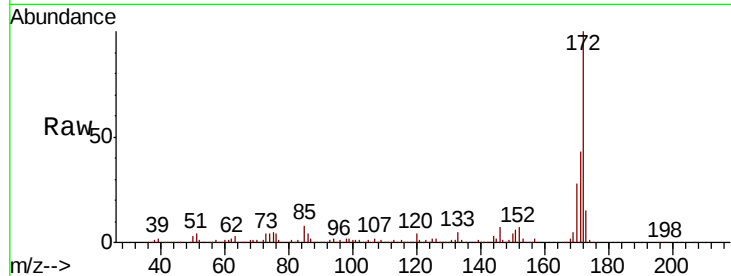
#45
2-Fluorobiphenyl
Concen: 89.050 ng
RT: 13.20 min Scan# 1722
Delta R.T. -0.02 min
Lab File: BG044028.D
Acq: 14 Jan 2020 1:35

Instrument :
BNA_G
ClientSampleId :
SB-MW-19(3-5)MSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	42.5	35.8	53.8
170	28.5	24.2	36.4

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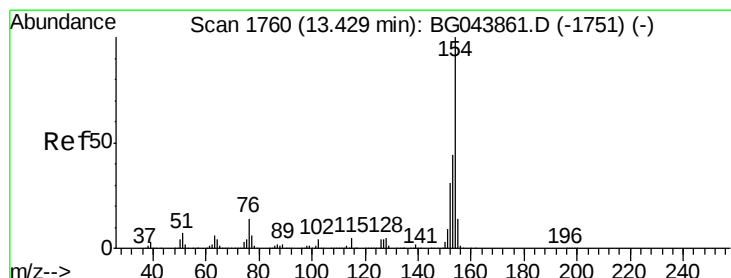
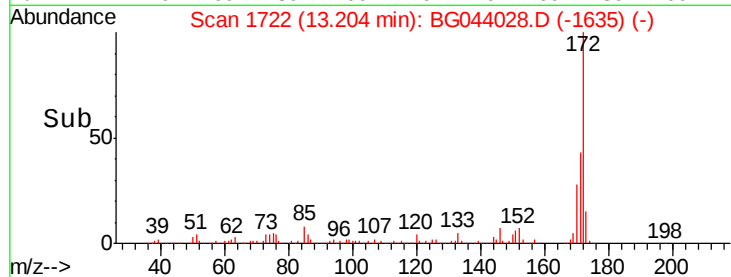
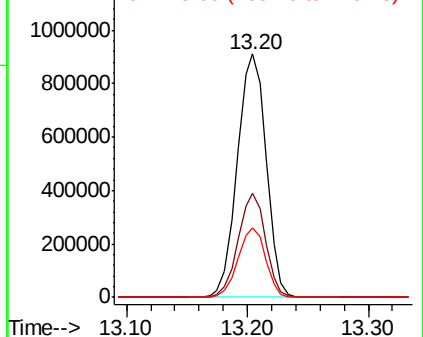


Abundance

Ion 172.00 (171.70 to 172.70): E

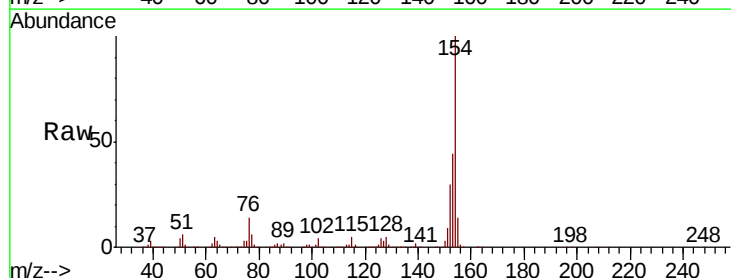
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 47.602 ng
RT: 13.42 min Scan# 1758
Delta R.T. -0.01 min
Lab File: BG044028.D
Acq: 14 Jan 2020 1:35

Tgt Ion	Ratio	Lower	Upper
154	100		
153	44.0	23.6	63.6
76	13.6	0.0	34.4

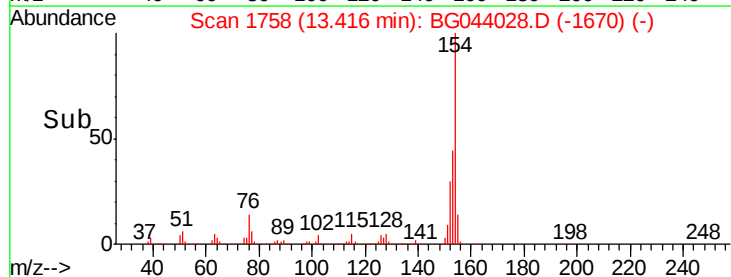
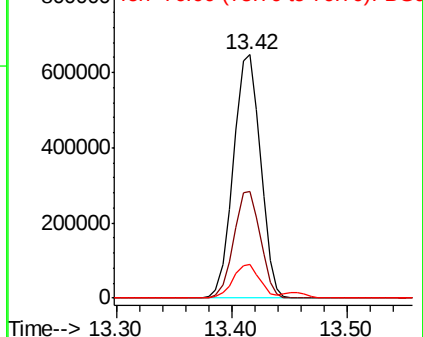


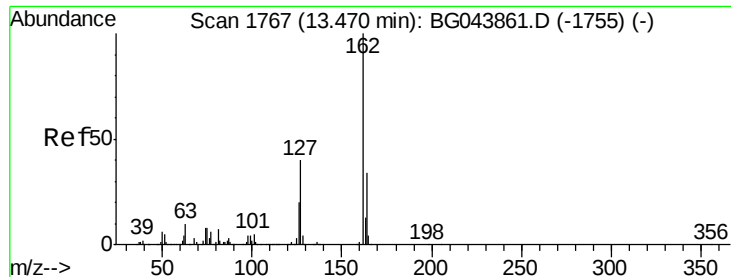
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BG





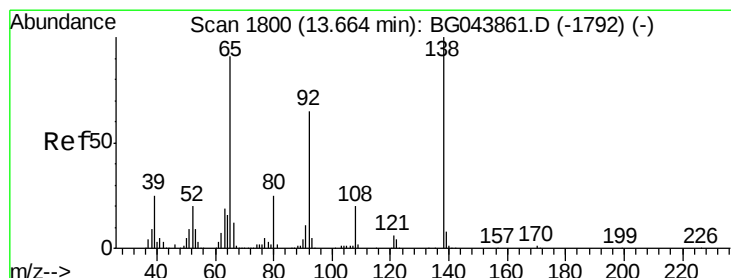
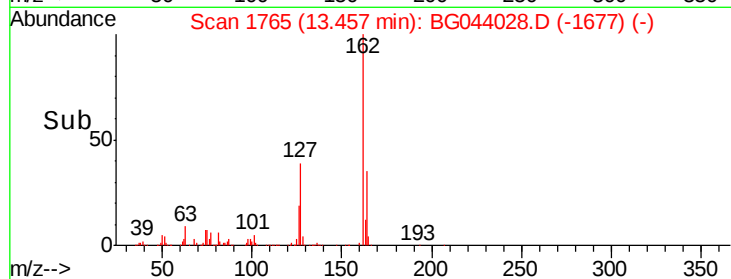
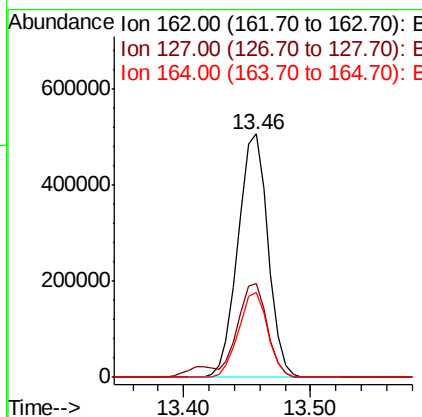
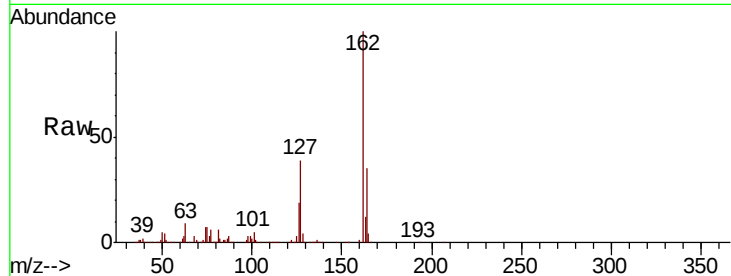
#47
2-Chloronaphthalene
Concen: 46.437 ng
RT: 13.46 min Scan# 1765
Delta R.T. -0.01 min
Lab File: BG044028.D
Acq: 14 Jan 2020 1:35

Instrument :
BNA_G
ClientSampleId :
SB-MW-19(3-5)MSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	38.8	32.1	48.1
164	34.7	27.5	41.3

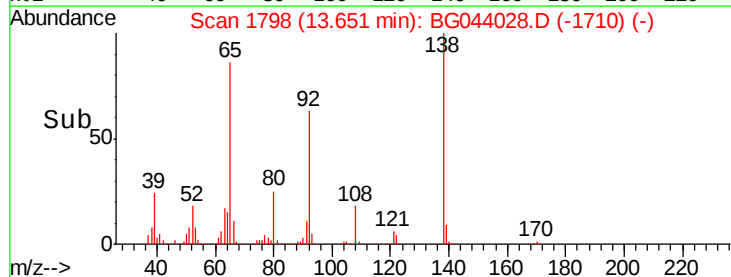
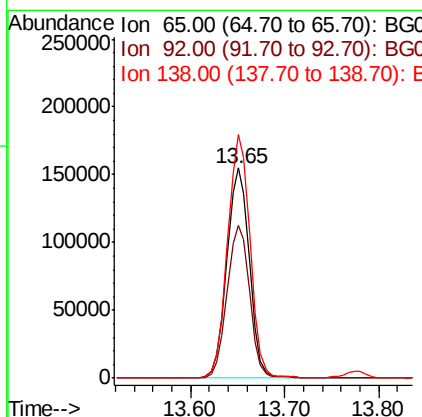
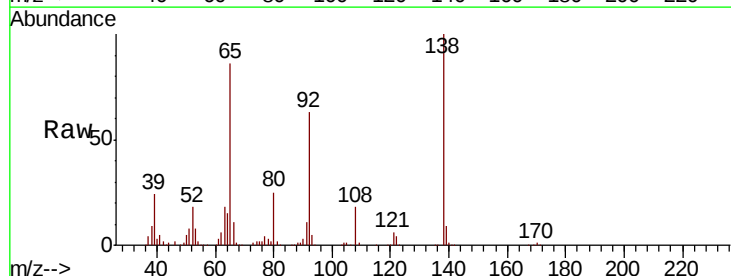
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#48
2-Nitroaniline
Concen: 44.816 ng
RT: 13.65 min Scan# 1798
Delta R.T. -0.01 min
Lab File: BG044028.D
Acq: 14 Jan 2020 1:35

Tgt Ion	Ratio	Lower	Upper
65	100		
92	72.8	57.4	86.2
138	116.0	88.2	132.4





#49

Acenaphthylene

Concen: 50.705 ng

RT: 14.30 min Scan# 1909

Delta R.T. -0.01 min

Lab File: BG044028.D

Acq: 14 Jan 2020 1:35

Instrument :

BNA_G

ClientSampleId :

SB-MW-19(3-5)MSD

Tot Ion:152 Resp: 1301420

Ion Ratio Lower Upper

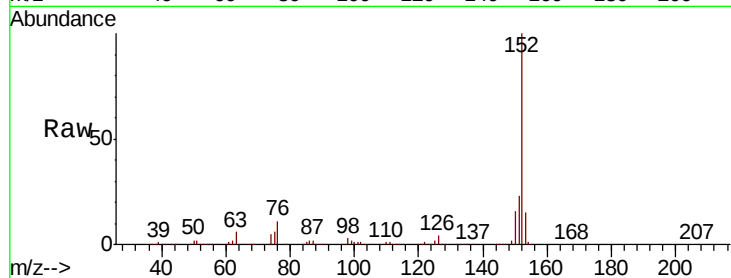
152 100

151 23.5 19.4 29.2

153 15.0 12.0 18.0

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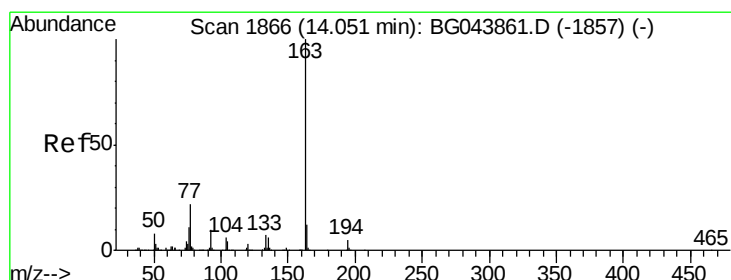
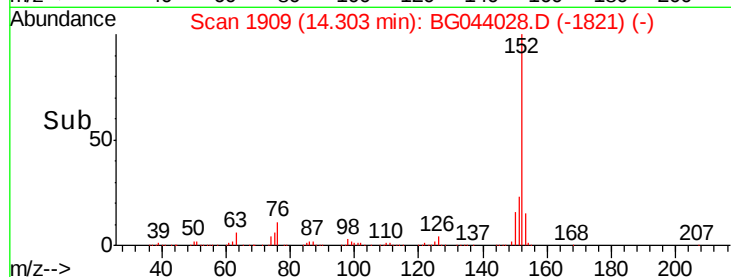
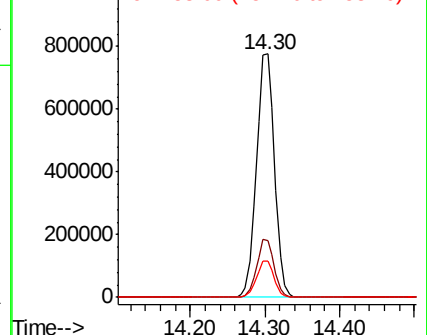


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 54.565 ng

RT: 14.04 min Scan# 1864

Delta R.T. -0.01 min

Lab File: BG044028.D

Acq: 14 Jan 2020 1:35

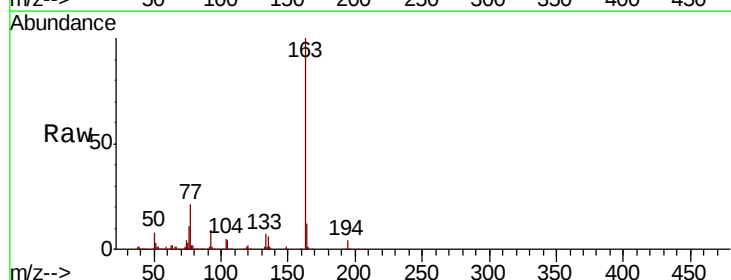
Tgt Ion:163 Resp: 1194148

Ion Ratio Lower Upper

163 100

194 4.4 3.7 5.5

164 11.7 9.3 13.9

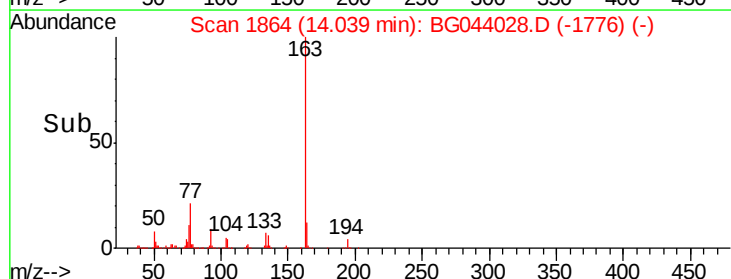
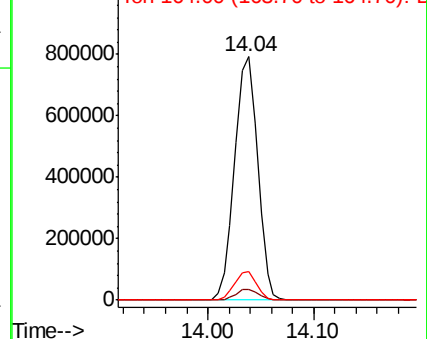


Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





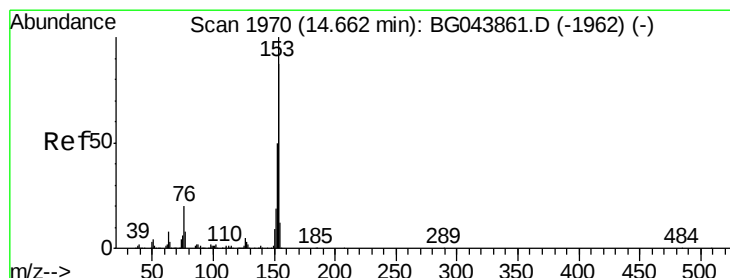
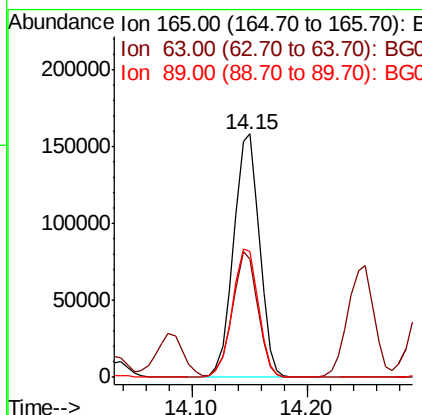
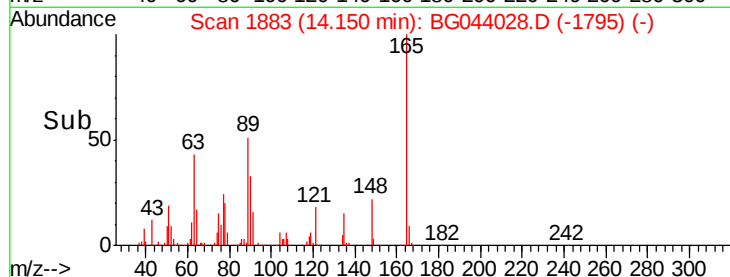
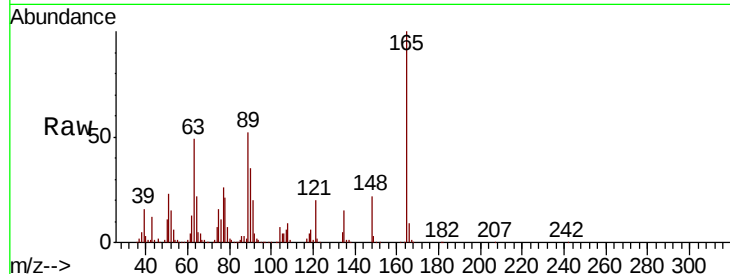
#51
2,6-Dinitrotoluene
Concen: 49.565 ng
RT: 14.15 min Scan# 1883
Delta R.T. -0.01 min
Lab File: BG044028.D
Acq: 14 Jan 2020 1:35

Instrument :
BNA_G
ClientSampleId :
SB-MW-19(3-5)MSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	245175		
63	48.7		43.1	64.7
89	51.8		43.8	65.6

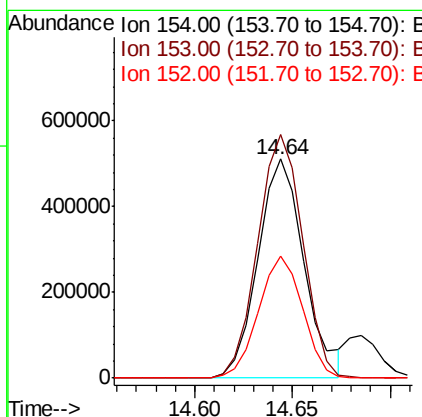
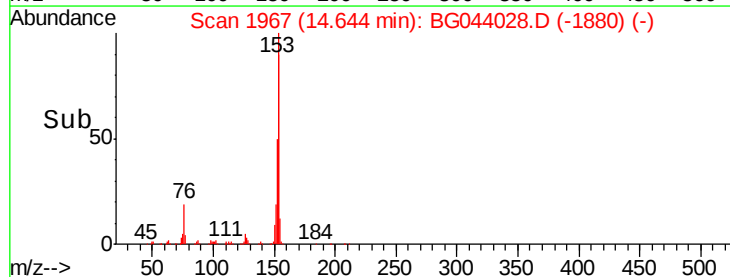
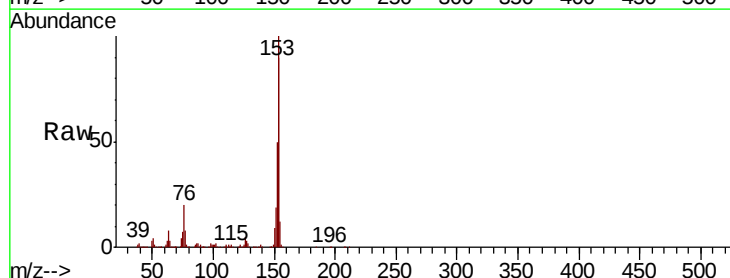
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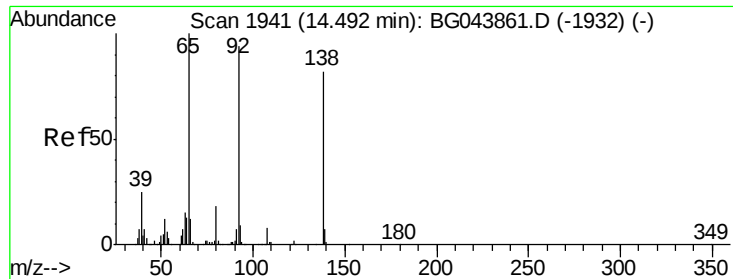
mohammad
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#52
Acenaphthene
Concen: 46.518 ng
RT: 14.64 min Scan# 1967
Delta R.T. -0.02 min
Lab File: BG044028.D
Acq: 14 Jan 2020 1:35

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	837294		
153	111.3		91.6	137.4
152	56.0		45.4	68.0





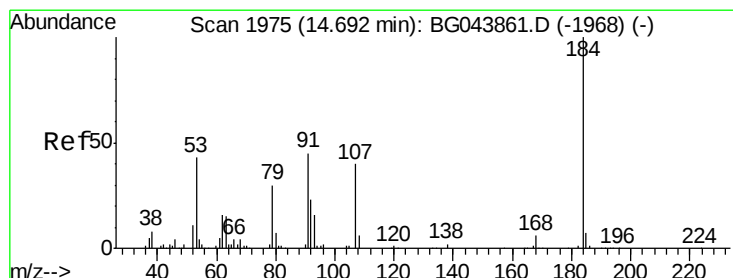
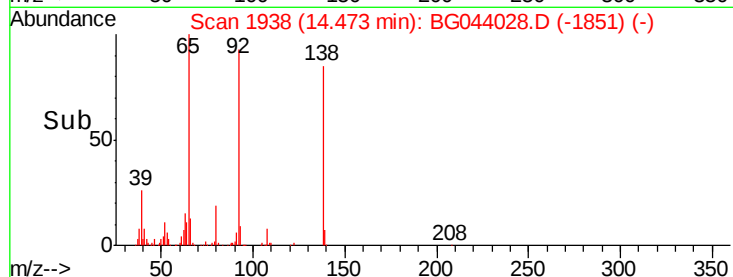
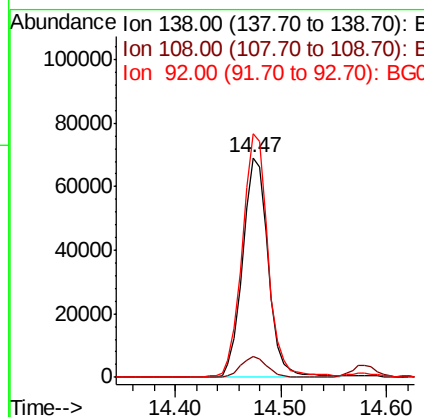
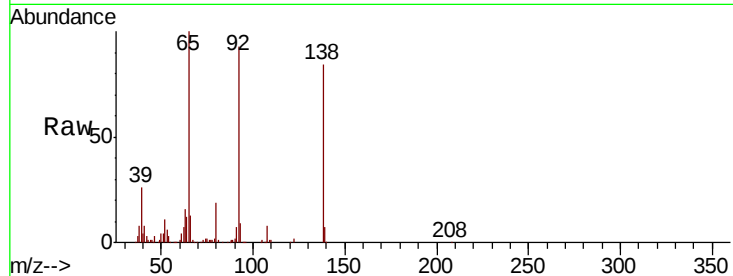
#53
3-Nitroaniline
Concen: 20.572 ng
RT: 14.47 min Scan# 1938
Delta R.T. -0.02 min
Lab File: BG044028.D
Acq: 14 Jan 2020 1:35

Instrument :
BNA_G
ClientSampleId :
SB-MW-19(3-5)MSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.7	7.4	11.2
92	110.8	92.1	138.1

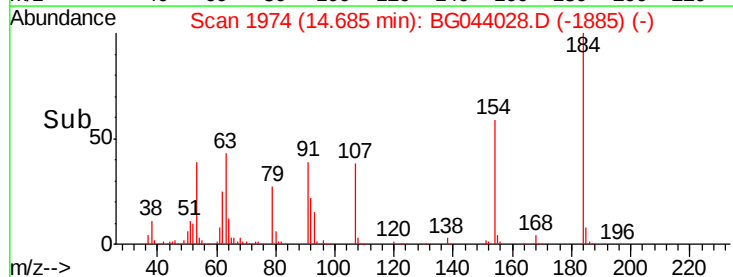
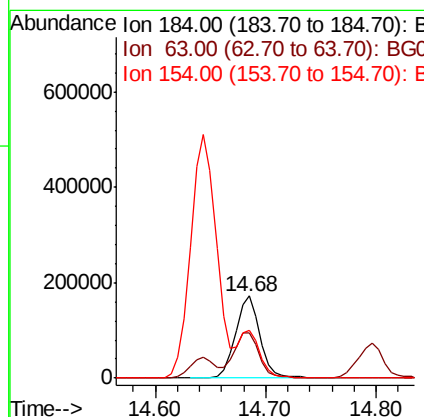
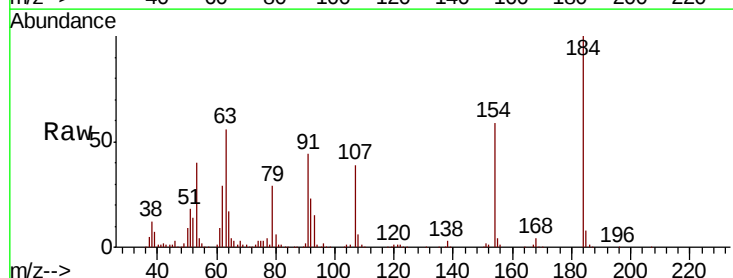
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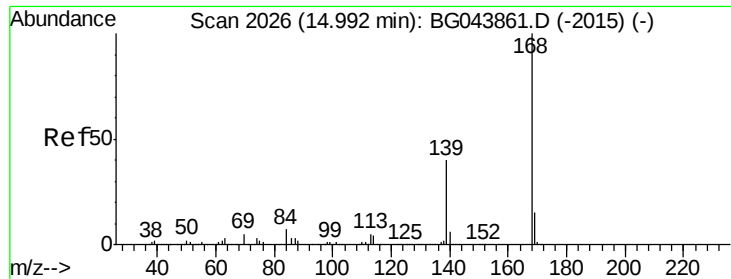
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#54
2,4-Dinitrophenol
Concen: 104.265 ng
RT: 14.68 min Scan# 1974
Delta R.T. -0.01 min
Lab File: BG044028.D
Acq: 14 Jan 2020 1:35

Tgt Ion	Ratio	Lower	Upper
184	100		
63	56.0	46.6	70.0
154	58.6	50.2	75.4





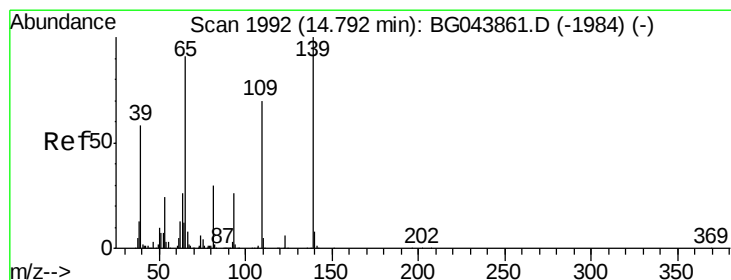
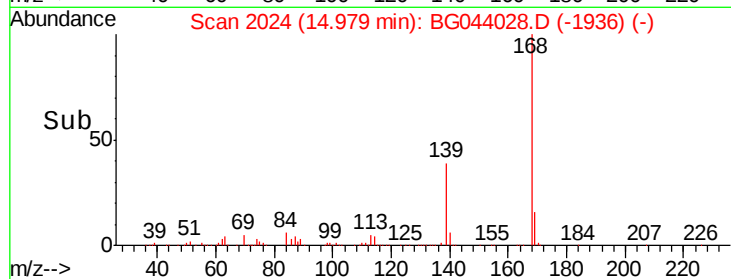
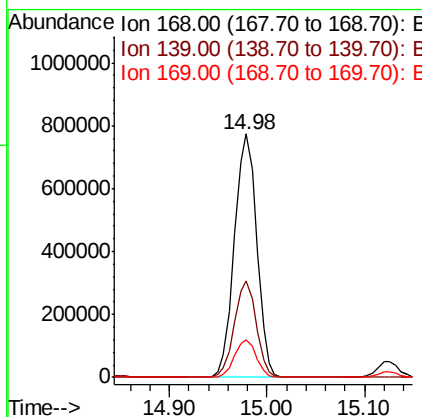
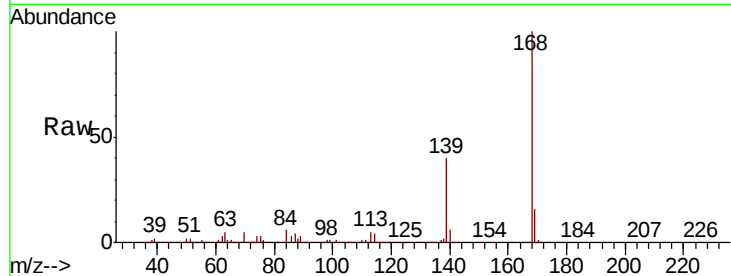
#55
Dibenzofuran
Concen: 49.564 ng
RT: 14.98 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BG044028.D
Acq: 14 Jan 2020 1:35

Instrument :
BNA_G
ClientSampleId :
SB-MW-19(3-5)MSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	39.6	32.2	48.2
169	15.5	12.2	18.2

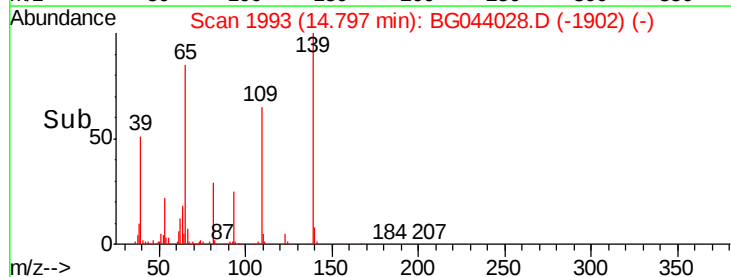
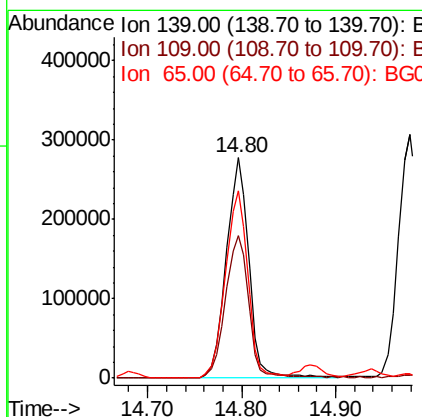
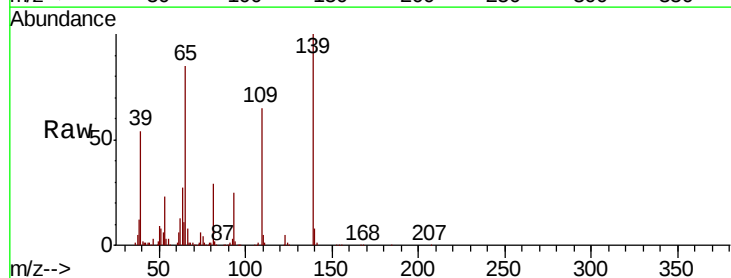
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#56
4-Nitrophenol
Concen: 108.147 ng
RT: 14.80 min Scan# 1993
Delta R.T. 0.00 min
Lab File: BG044028.D
Acq: 14 Jan 2020 1:35

Tgt Ion	Ratio	Lower	Upper
139	100		
109	64.8	50.4	90.4
65	85.2	71.4	111.4





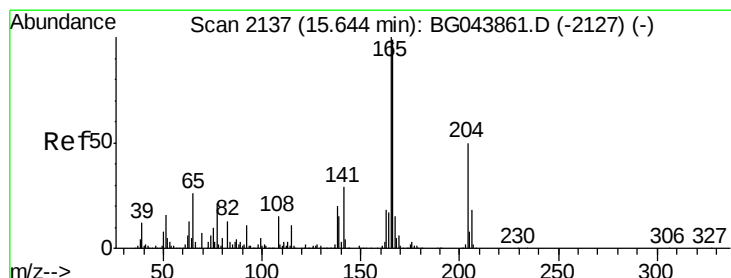
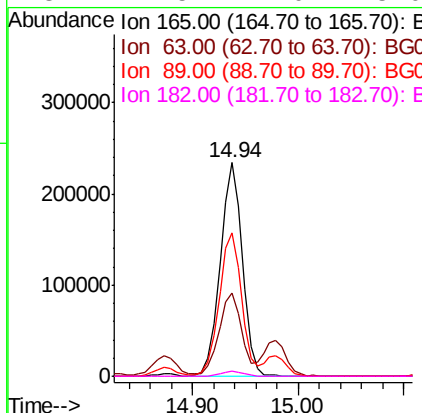
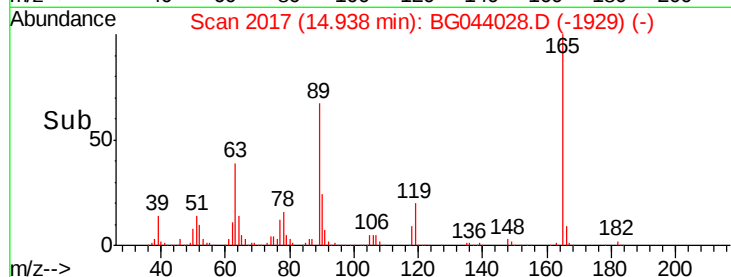
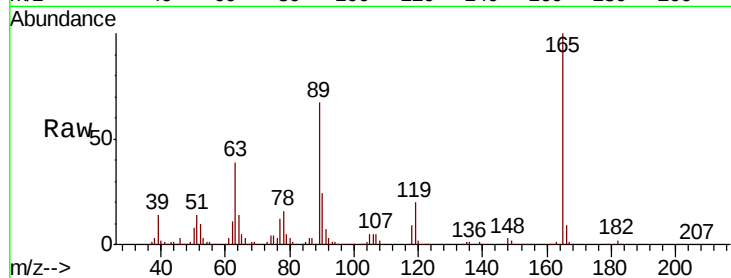
#57
2,4-Dinitrotoluene
Concen: 50.518 ng
RT: 14.94 min Scan# 2017
Delta R.T. -0.01 min
Lab File: BG044028.D
Acq: 14 Jan 2020 1:35

Instrument :
BNA_G
ClientSampleId :
SB-MW-19(3-5)MSD

Tot Ion	Ratio	Resp Lower	Upper
165	100		
63	38.8	31.9	47.9
89	67.1	53.8	80.6
182	2.5	2.0	3.0

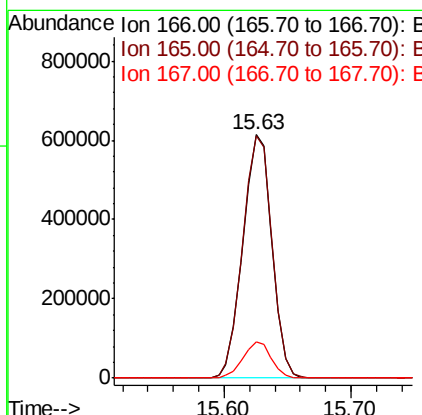
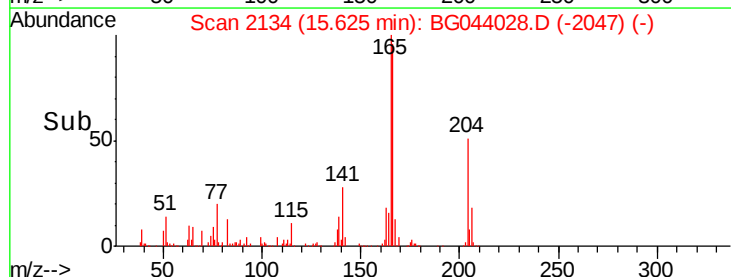
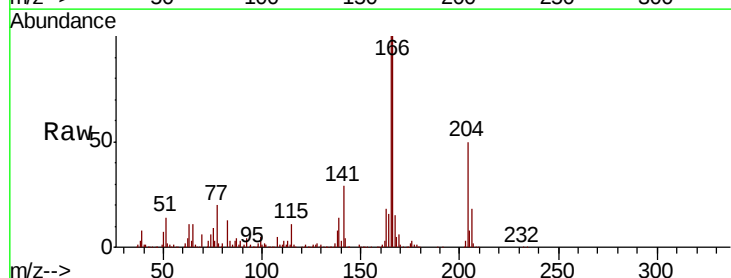
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#58
Fluorene
Concen: 49.635 ng
RT: 15.63 min Scan# 2134
Delta R.T. -0.02 min
Lab File: BG044028.D
Acq: 14 Jan 2020 1:35

Tgt Ion	Ratio	Resp Lower	Upper
166	100		
165	99.6	80.8	121.2
167	15.1	12.1	18.1





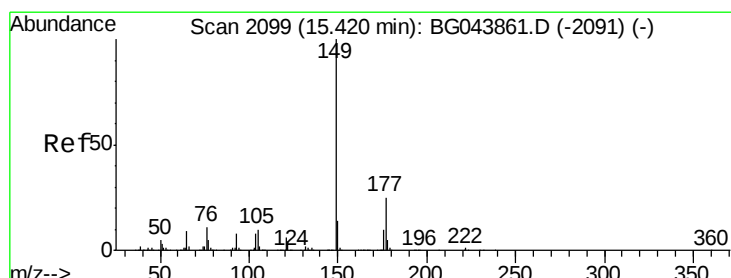
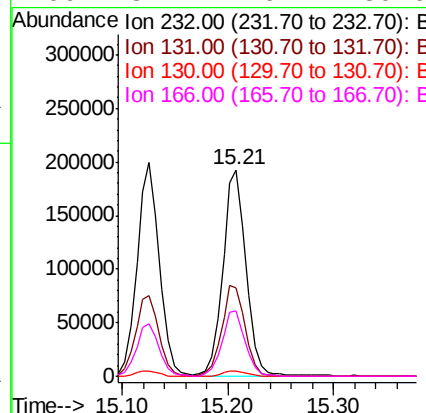
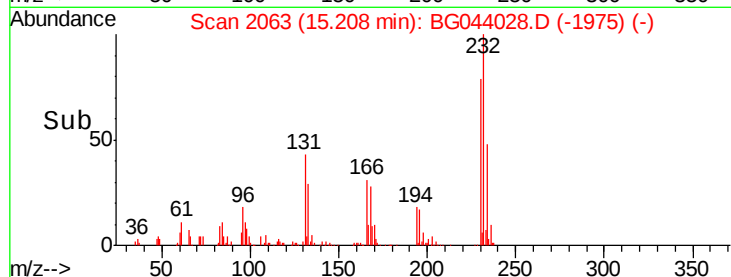
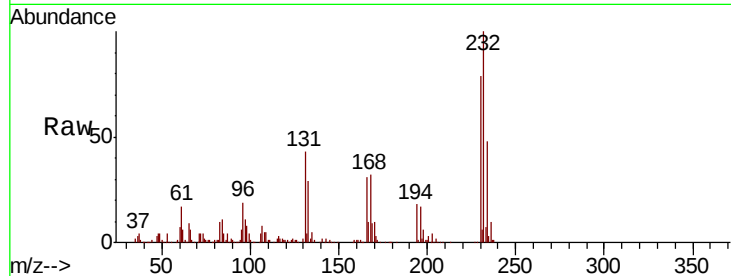
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 52.952 ng
 RT: 15.21 min Scan# 2063
 Delta R.T. -0.01 min
 Lab File: BG044028.D
 Acq: 14 Jan 2020 1:35

Instrument :
 BNA_G
 ClientSampleId :
 SB-MW-19(3-5)MSD

Tot Ion	Ratio	Resp	Lower	Upper
232	100	291916		
131	44.5	38.2	57.2	
130	2.6	2.2	3.2	
166	31.7	26.4	39.6	

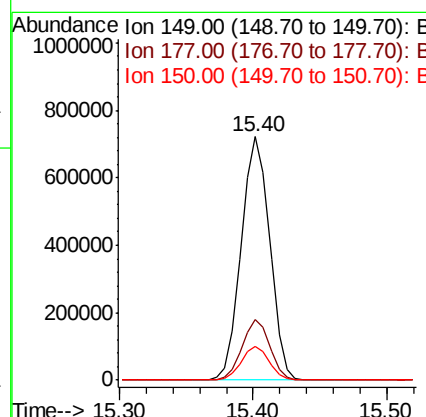
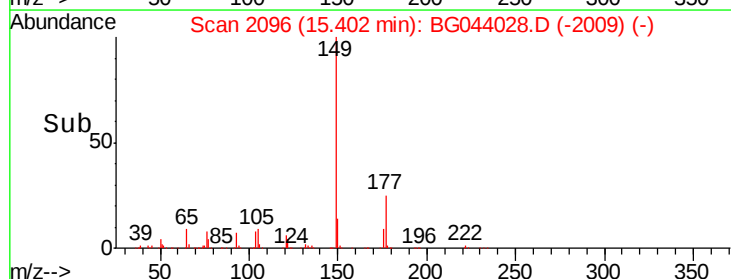
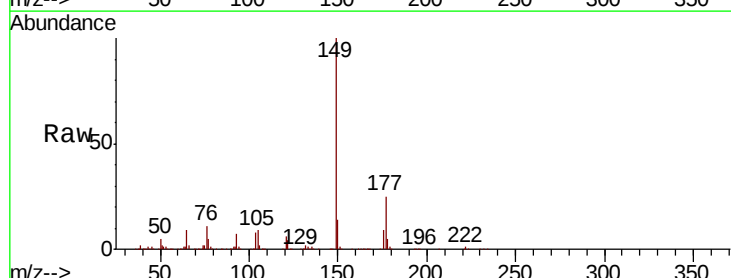
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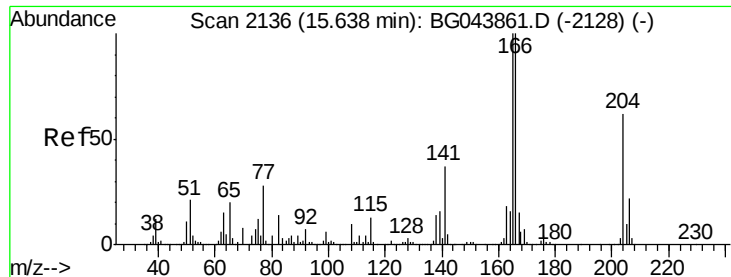
mohammad
 1/14/2020 12:25:10 PM



#60
 Diethylphthalate
 Concen: 48.679 ng
 RT: 15.40 min Scan# 2096
 Delta R.T. -0.02 min
 Lab File: BG044028.D
 Acq: 14 Jan 2020 1:35

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1065549		
177	24.7	20.0	30.0	
150	13.8	11.1	16.7	





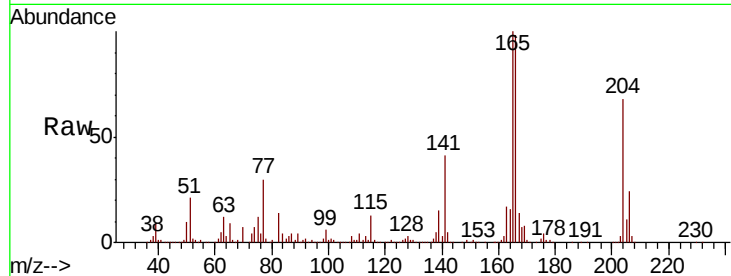
#61
4-Chlorophenyl-phenylether
Concen: 47.597 ng
RT: 15.62 min Scan# 2133
Delta R.T. -0.02 min
Lab File: BG044028.D
Acq: 14 Jan 2020 1:35

Instrument :
BNA_G
ClientSampleId :
SB-MW-19(3-5)MSD

Tot Ion	Ratio	Resp	Lower	Upper
204	100	507581		
206	35.6	28.2	42.2	
141	59.3	48.2	72.2	

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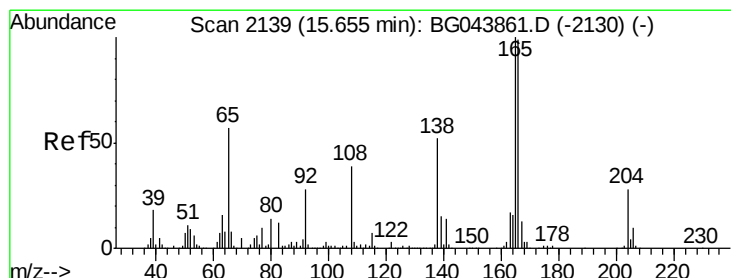
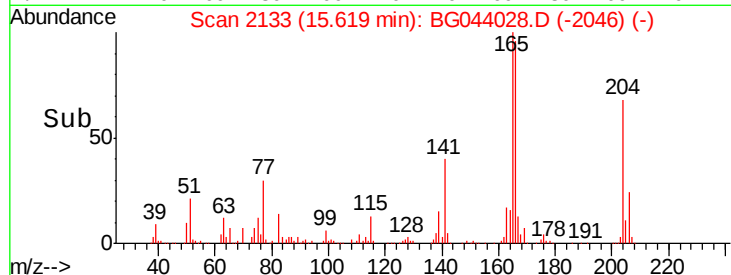
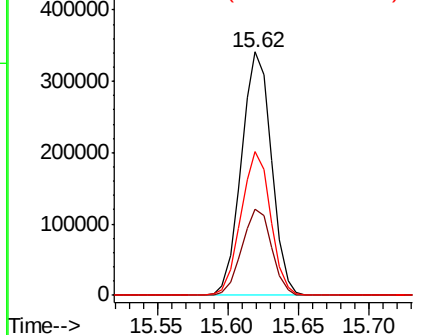


Abundance

Ion 204.00 (203.70 to 204.70): E

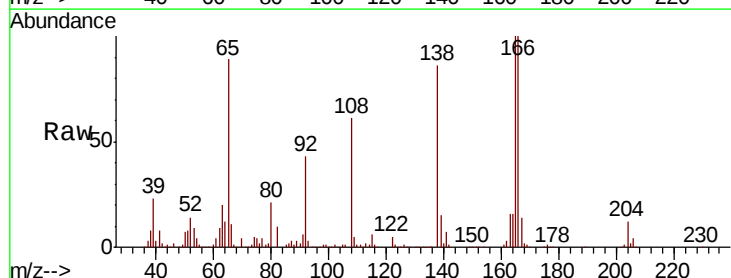
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 44.679 ng
RT: 15.64 min Scan# 2137
Delta R.T. -0.01 min
Lab File: BG044028.D
Acq: 14 Jan 2020 1:35

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	247835		
92	49.3	34.3	74.3	
108	70.7	55.0	95.0	

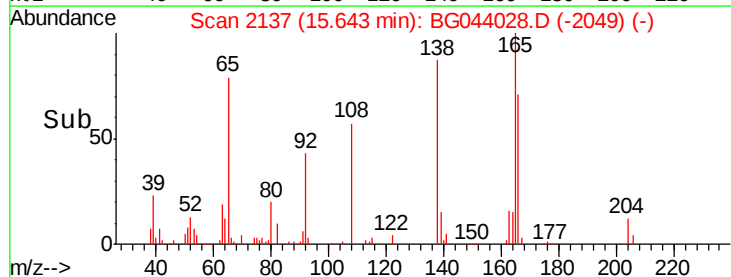
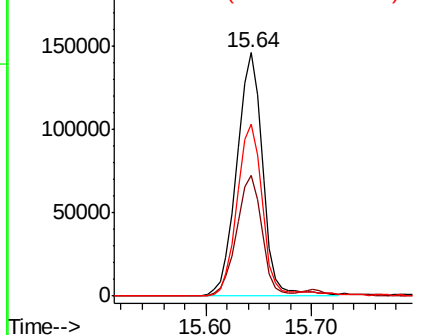


Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E





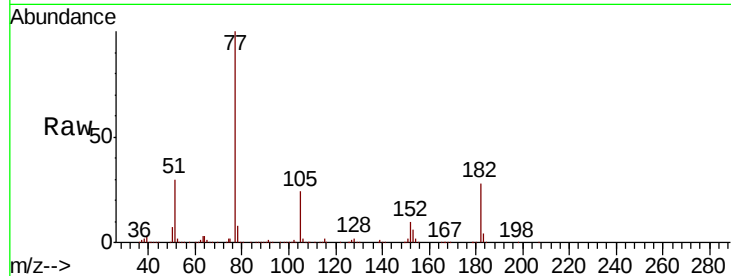
#63
Azobenzene
Concen: 48.419 ng
RT: 15.91 min Scan# 2183
Delta R.T. -0.02 min
Lab File: BG044028.D
Acq: 14 Jan 2020 1:35

Instrument :
BNA_G
ClientSampleId :
SB-MW-19(3-5)MSD

Tot Ion	Ratio	Lower	Upper
77	100		
182	28.1	7.3	47.3
105	24.0	3.2	43.2
51	29.9	10.6	50.6

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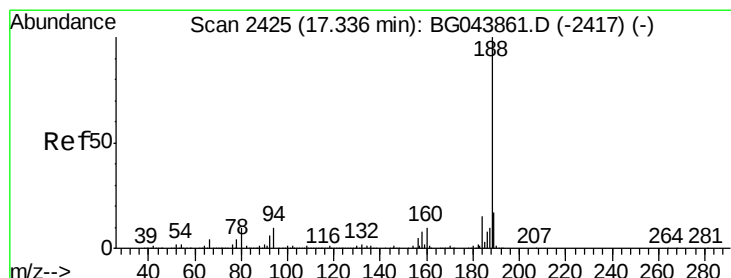
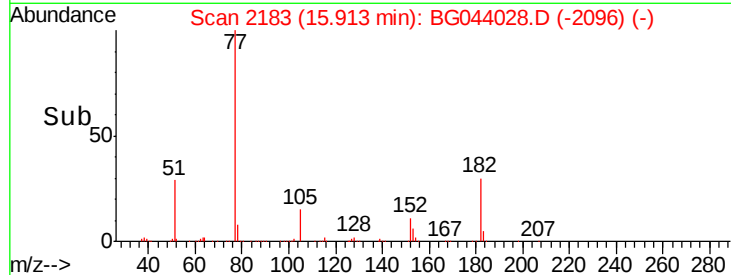
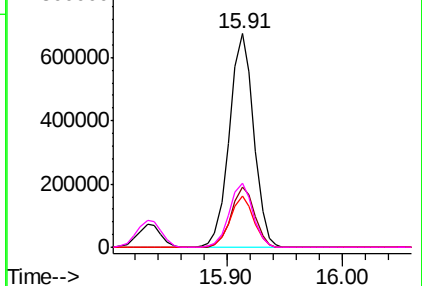
Abundance

Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.32 min Scan# 2423
Delta R.T. -0.01 min
Lab File: BG044028.D
Acq: 14 Jan 2020 1:35

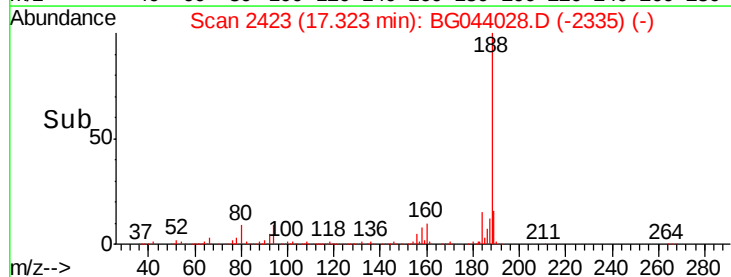
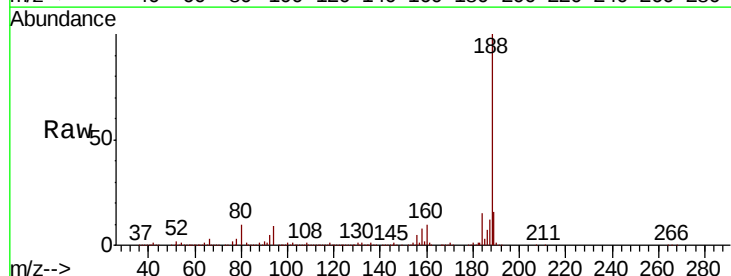
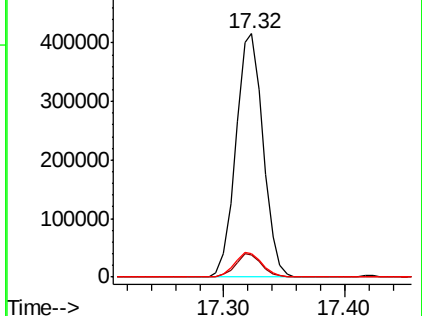
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.3	7.9	11.9
80	9.6	8.2	12.4

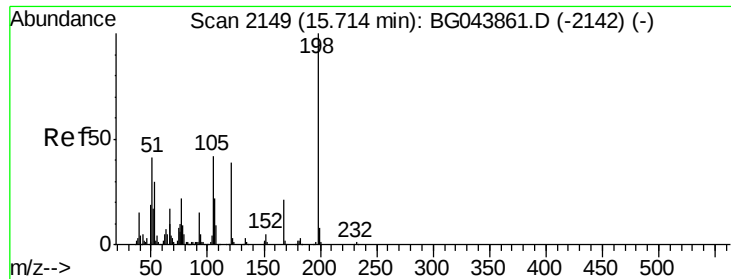
Abundance

Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 58.384 ng

RT: 15.70 min Scan# 2147

Delta R.T. -0.01 min

Lab File: BG044028.D

Acq: 14 Jan 2020 1:35

Instrument :

BNA_G

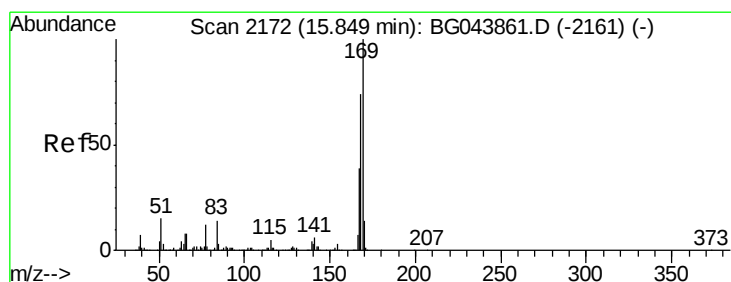
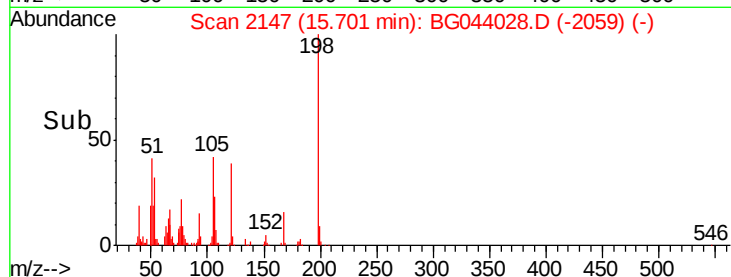
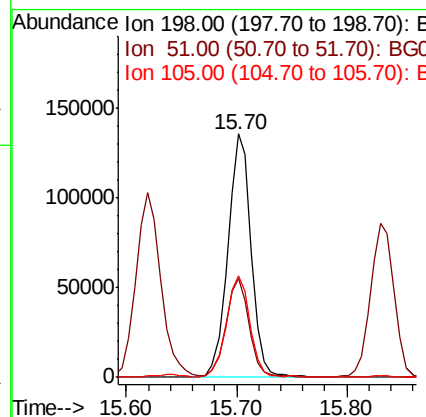
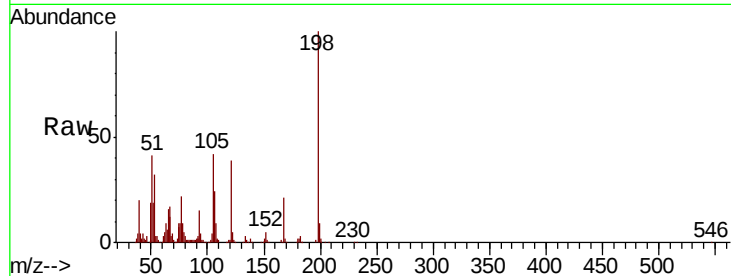
ClientSampleId :

SB-MW-19(3-5)MSD

Tot Ion:	198	Resp:	200084
Ion Ratio	Lower	Upper	
198	100		
51	40.7	22.5	62.5
105	41.7	22.3	62.3

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#66

n-Nitrosodiphenylamine

Concen: 47.882 ng

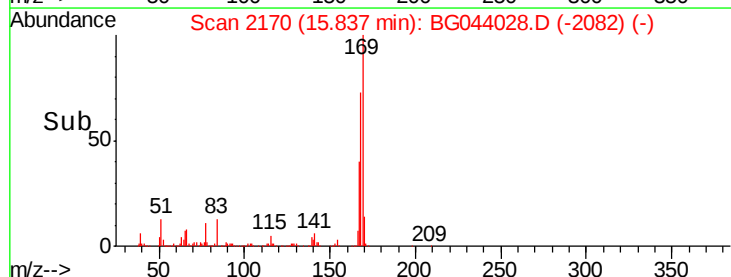
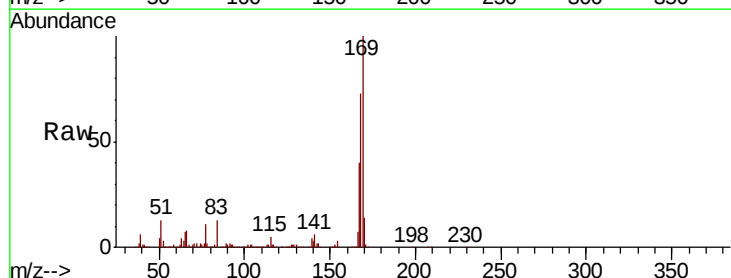
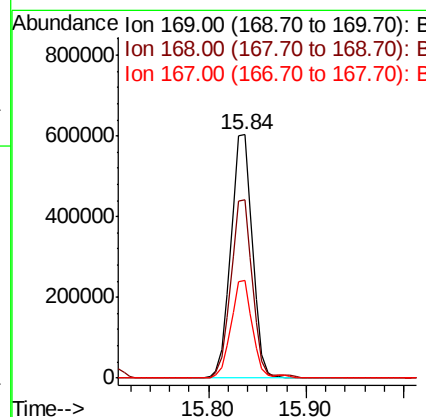
RT: 15.84 min Scan# 2170

Delta R.T. -0.01 min

Lab File: BG044028.D

Acq: 14 Jan 2020 1:35

Tgt Ion:	169	Resp:	921407
Ion Ratio	Lower	Upper	
169	100		
168	73.2	59.0	88.6
167	39.9	31.4	47.0





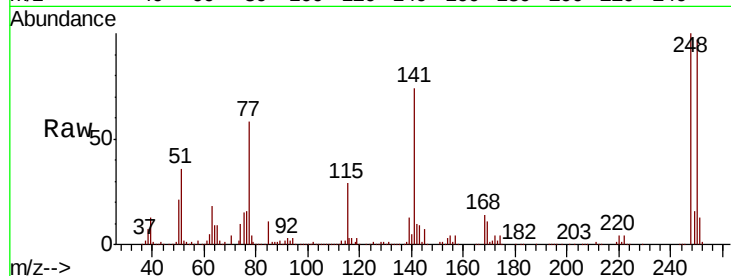
#67
4-Bromophenyl-phenylether
Concen: 44.797 ng
RT: 16.51 min Scan# 2285
Delta R.T. -0.02 min
Lab File: BG044028.D
Acq: 14 Jan 2020 1:35

Instrument :
BNA_G
ClientSampleId :
SB-MW-19(3-5)MSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.3	78.2	117.2
141	74.1	59.3	88.9

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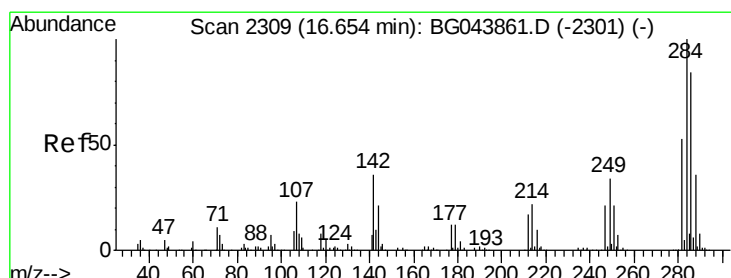
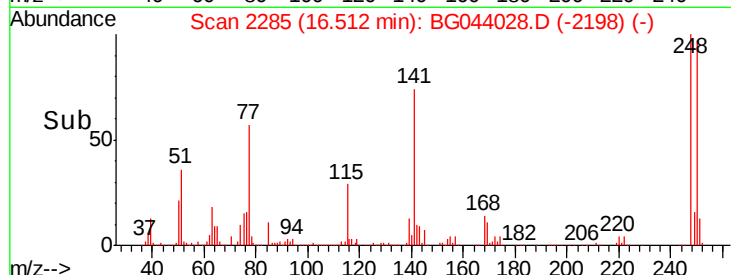
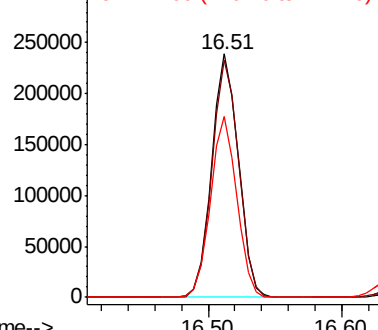


Abundance

Ion 248.00 (247.70 to 248.70): E

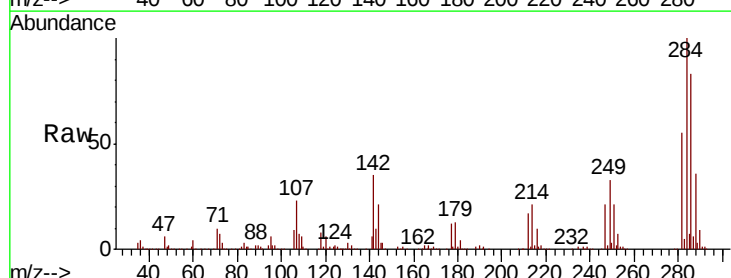
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 45.522 ng
RT: 16.64 min Scan# 2306
Delta R.T. -0.02 min
Lab File: BG044028.D
Acq: 14 Jan 2020 1:35

Tgt Ion	Ratio	Lower	Upper
284	100		
142	35.5	28.6	43.0
249	32.5	27.0	40.6

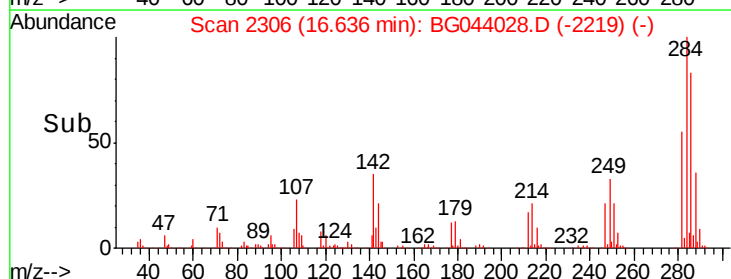
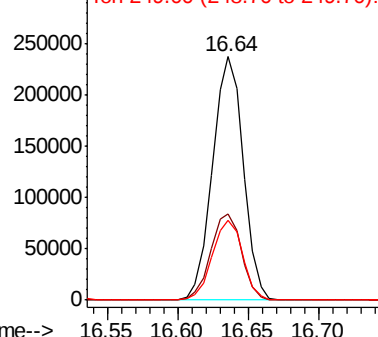


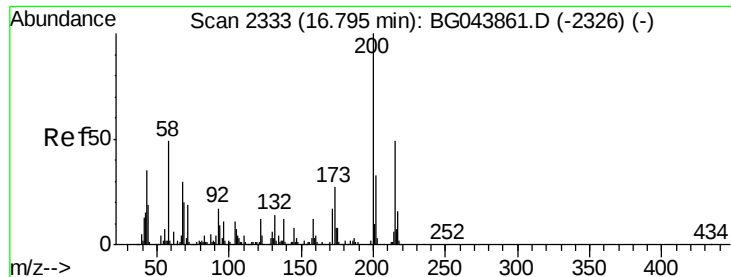
Abundance

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: 56.656 ng

RT: 16.78 min Scan# 2331

Delta R.T. -0.01 min

Lab File: BG044028.D

Acq: 14 Jan 2020 1:35

Instrument :

BNA_G

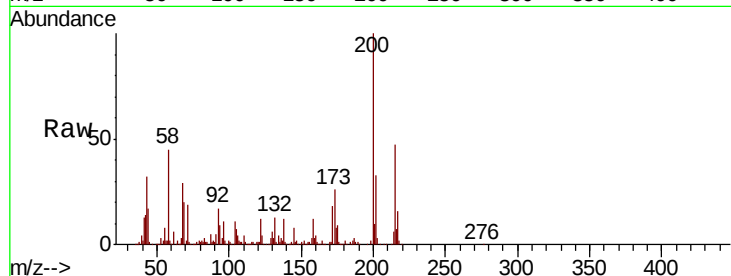
ClientSampleId :

SB-MW-19(3-5)MSD

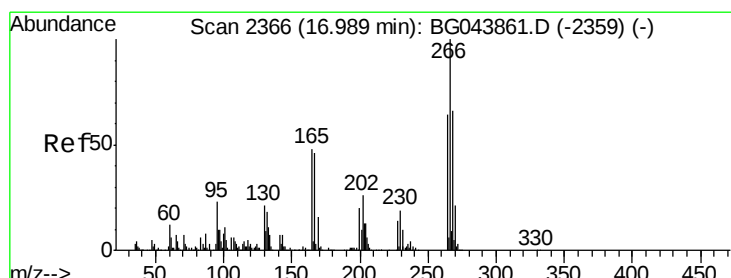
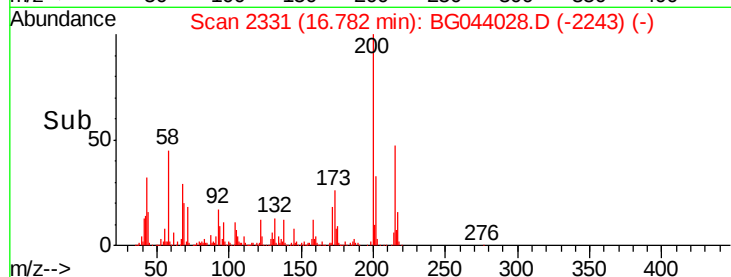
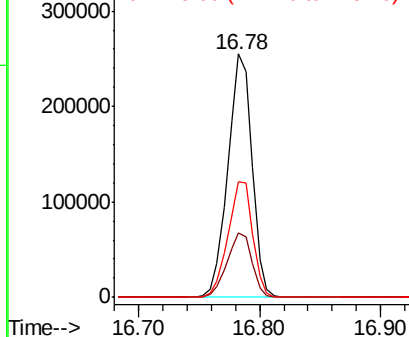
Tot Ion:	200	Resp:	354386
Ion Ratio	Lower	Upper	
200	100		
173	26.5	6.6	46.6
215	47.4	28.6	68.6

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Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 101.015 ng

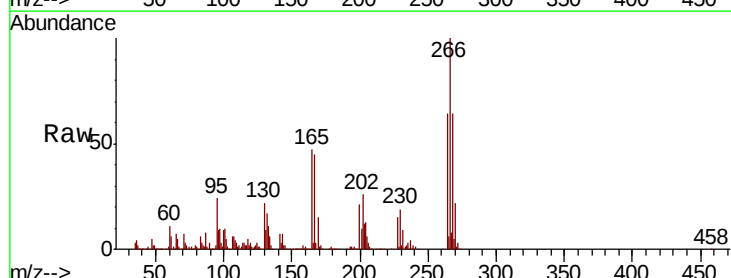
RT: 16.98 min Scan# 2364

Delta R.T. -0.01 min

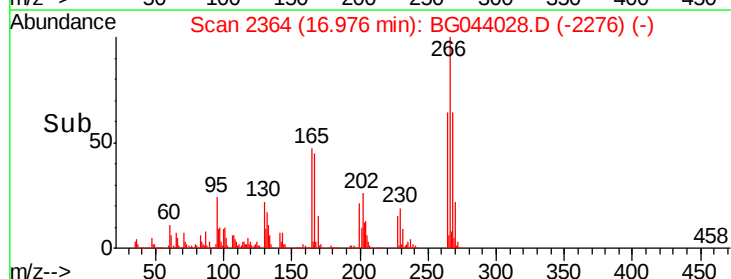
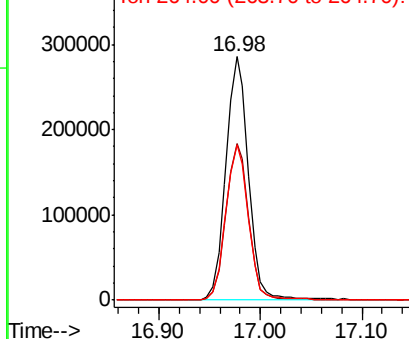
Lab File: BG044028.D

Acq: 14 Jan 2020 1:35

Tgt Ion:	266	Resp:	440972
Ion Ratio	Lower	Upper	
266	100		
268	64.4	52.6	79.0
264	63.9	50.8	76.2



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E





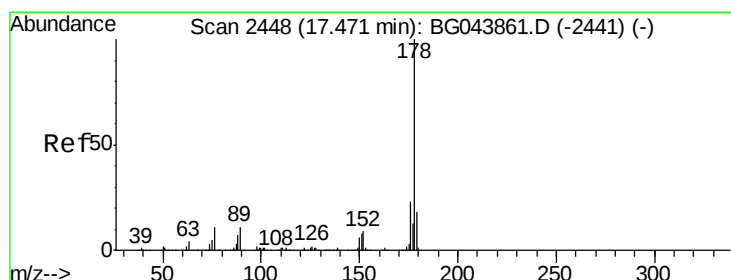
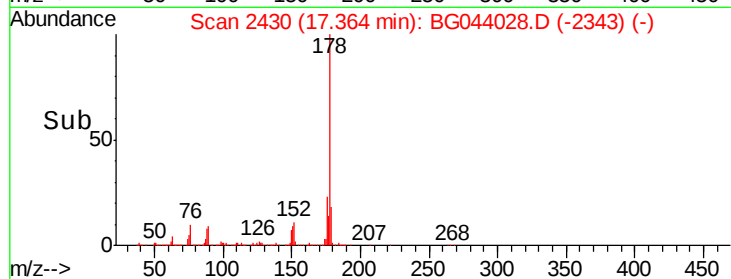
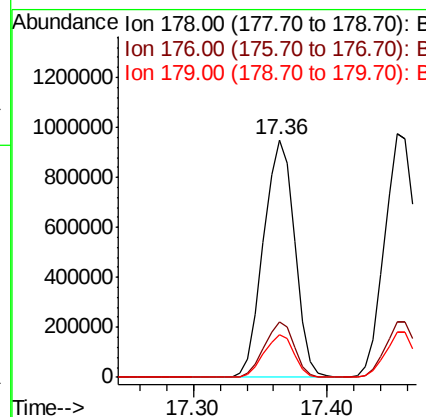
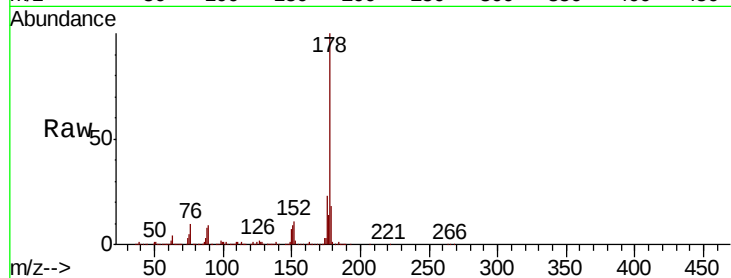
#71
Phenanthrene
Concen: 49.055 ng
RT: 17.36 min Scan# 2430
Delta R.T. -0.02 min
Lab File: BG044028.D
Acq: 14 Jan 2020 1:35

Instrument :
BNA_G
ClientSampleId :
SB-MW-19(3-5)MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	23.1	18.6	28.0
179	18.2	14.4	21.6

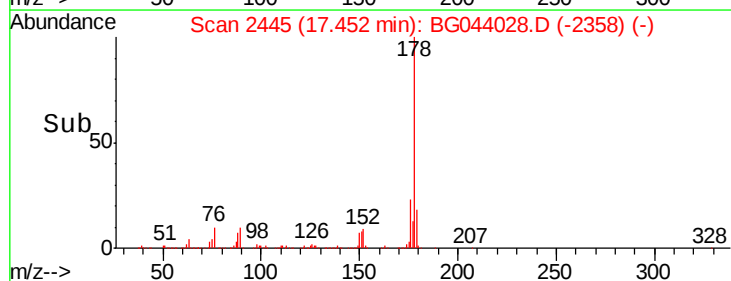
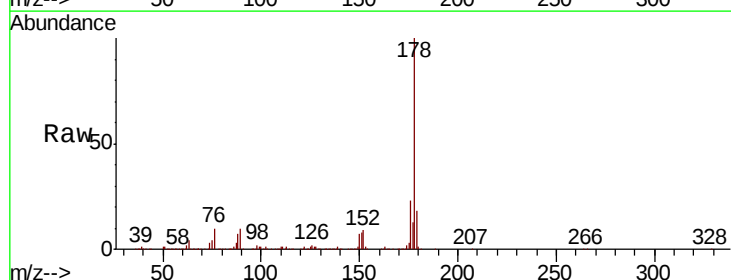
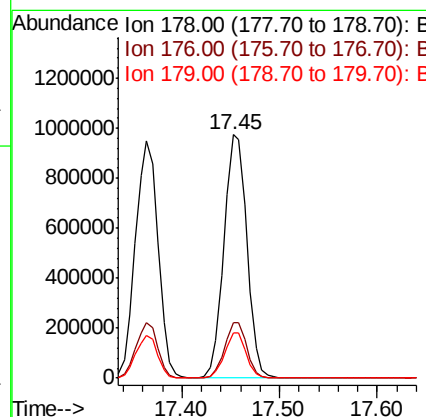
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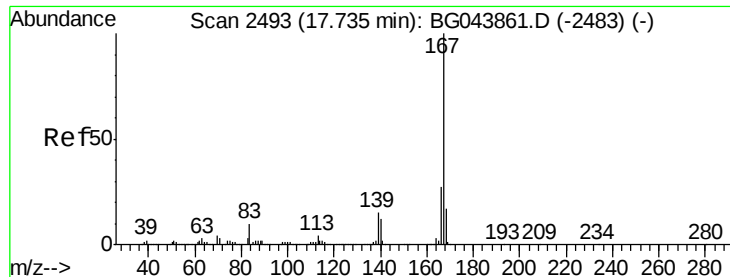
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#72
Anthracene
Concen: 51.117 ng
RT: 17.45 min Scan# 2445
Delta R.T. -0.02 min
Lab File: BG044028.D
Acq: 14 Jan 2020 1:35

Tgt Ion	Ratio	Lower	Upper
178	100		
176	23.0	18.3	27.5
179	18.4	14.6	22.0





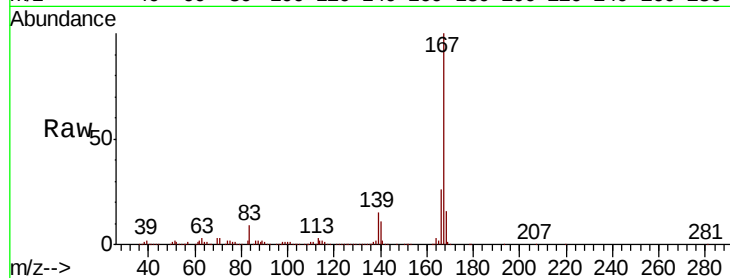
#73
 Carbazole
 Concen: 50.847 ng
 RT: 17.72 min Scan# 2491
 Delta R.T. -0.01 min
 Lab File: BG044028.D
 Acq: 14 Jan 2020 1:35

Instrument :
 BNA_G
 ClientSampleId :
 SB-MW-19(3-5)MSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	25.9	21.6	32.4
139	14.8	12.1	18.1

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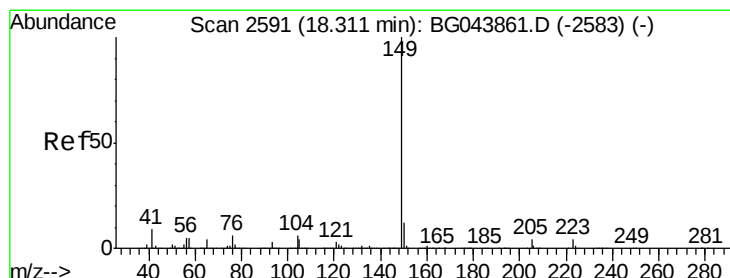
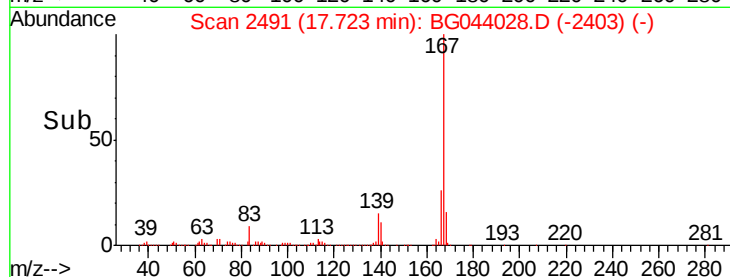
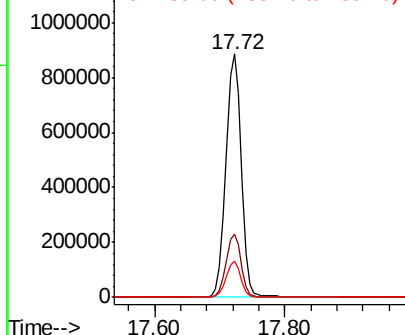


Abundance

Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74
 Di-n-butylphthalate
 Concen: 48.497 ng
 RT: 18.29 min Scan# 2588
 Delta R.T. -0.02 min
 Lab File: BG044028.D
 Acq: 14 Jan 2020 1:35

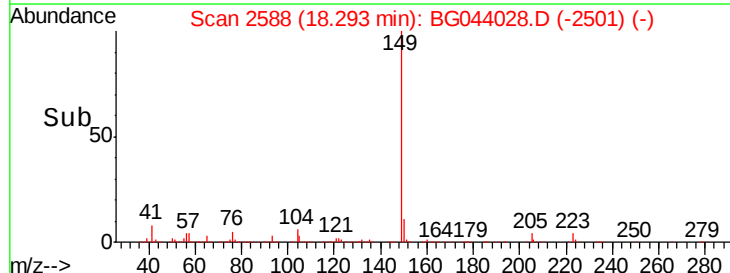
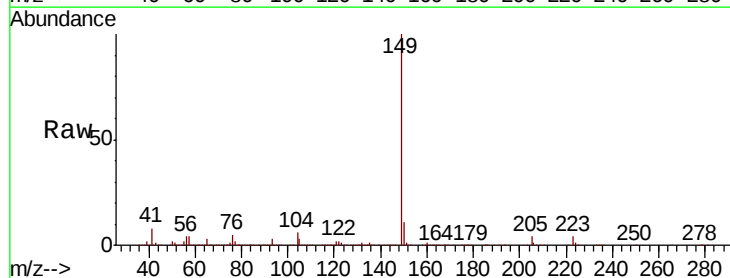
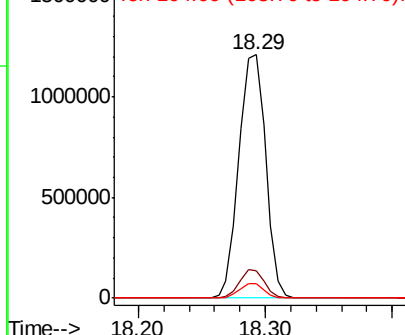
Tgt Ion	Ratio	Lower	Upper
149	100		
150	11.4	9.7	14.5
104	5.8	5.0	7.4

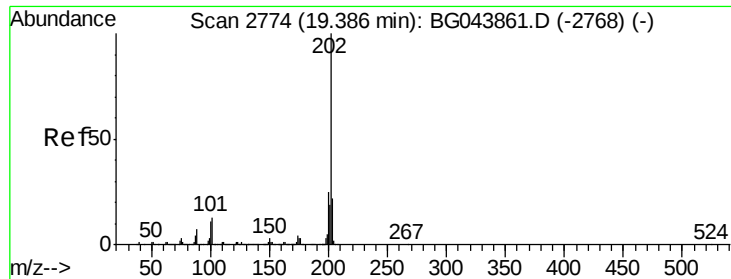
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 49.116 ng

RT: 19.37 min Scan# 2771

Delta R.T. -0.02 min

Lab File: BG044028.D

Acq: 14 Jan 2020 1:35

Instrument :

BNA_G

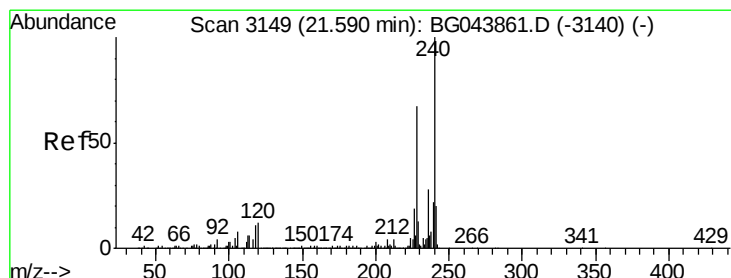
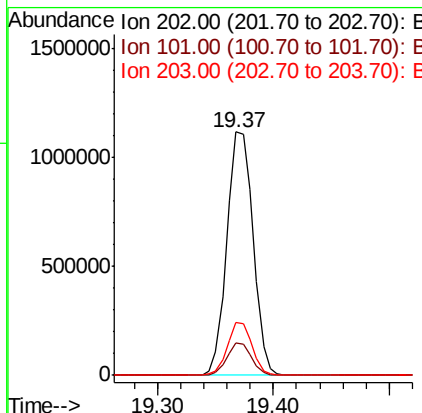
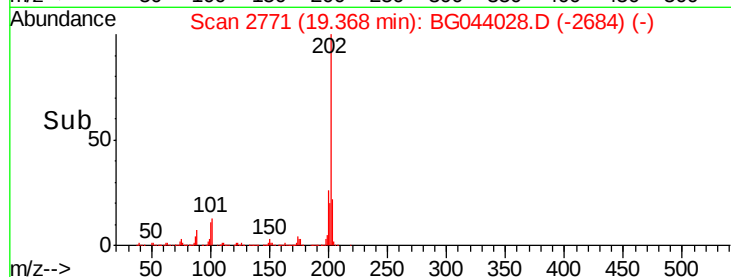
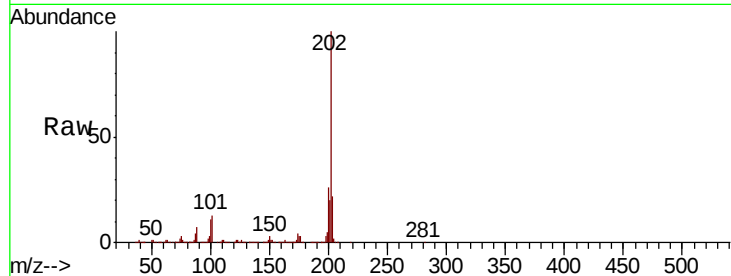
ClientSampleId :

SB-MW-19(3-5)MSD

Tot Ion:	202	Resp:	1760561
Ion Ratio	Lower	Upper	
202	100		
101	13.3	0.0	33.3
203	21.6	1.6	41.6

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#76

Chrysene-d12

Concen: 20.000 ng

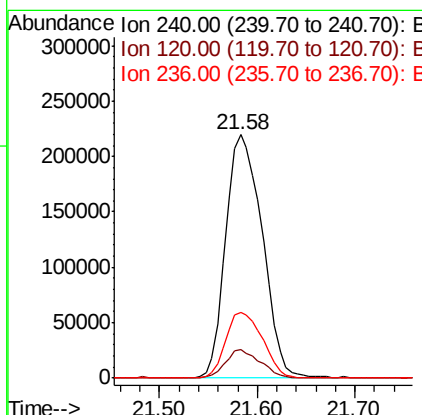
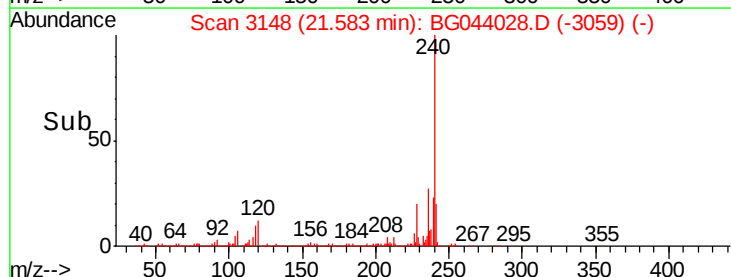
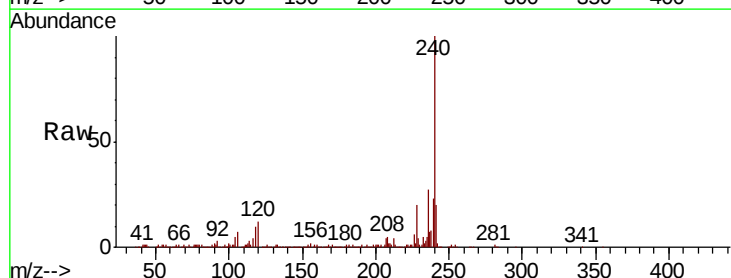
RT: 21.58 min Scan# 3148

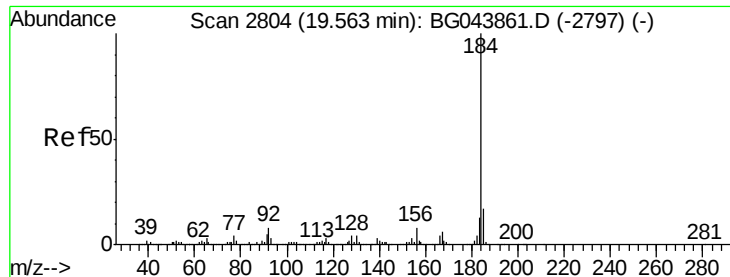
Delta R.T. -0.01 min

Lab File: BG044028.D

Acq: 14 Jan 2020 1:35

Tgt Ion:	240	Resp:	573567
Ion Ratio	Lower	Upper	
240	100		
120	11.8	9.6	14.4
236	27.0	22.2	33.2





#77

Benzidine

Concen: 47.473 ng

RT: 19.55 min Scan# 2802

Delta R.T. -0.01 min

Lab File: BG044028.D

Acq: 14 Jan 2020 1:35

Instrument :

BNA_G

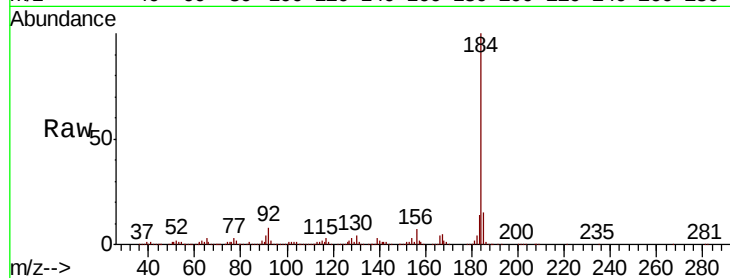
ClientSampleId :

SB-MW-19(3-5)MSD

Tot Ion:	184	Resp:	684411
Ion Ratio	Lower	Upper	
184	100		
185	15.3	13.4	20.0
183	13.6	10.6	15.8

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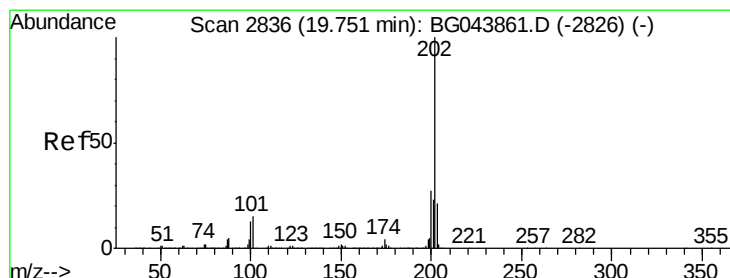
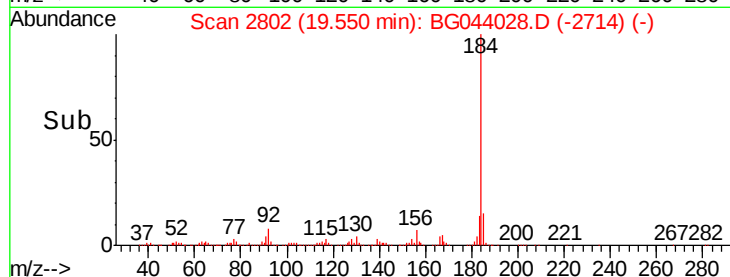
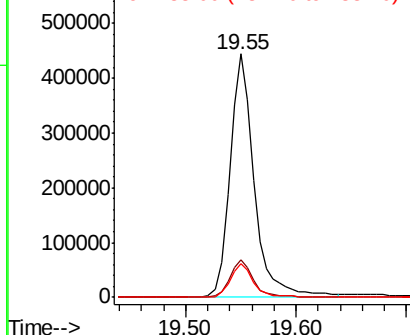


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 47.363 ng

RT: 19.73 min Scan# 2833

Delta R.T. -0.02 min

Lab File: BG044028.D

Acq: 14 Jan 2020 1:35

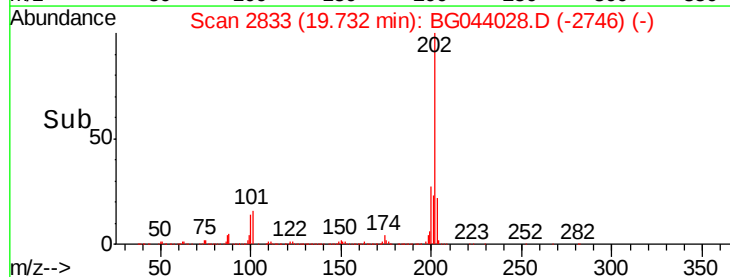
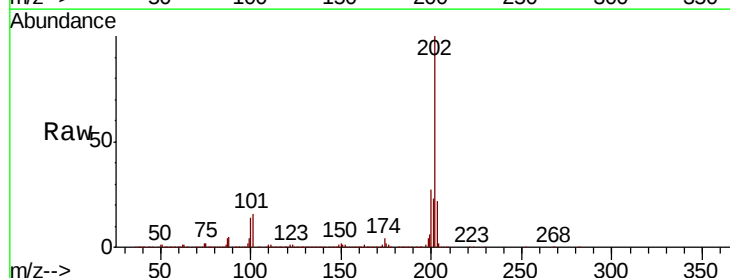
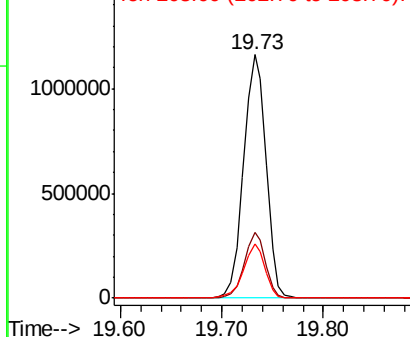
Tgt Ion:	202	Resp:	1773226
Ion Ratio	Lower	Upper	
202	100		
200	27.1	21.7	32.5
203	22.1	17.0	25.6

Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 95.444 ng

RT: 19.94 min Scan# 2868

Delta R.T. -0.02 min

Lab File: BG044028.D

Acq: 14 Jan 2020 1:35

Instrument :

BNA_G

ClientSampleId :

SB-MW-19(3-5)MSD

Tot Ion:244 Resp: 2199752

Ion Ratio Lower Upper

244 100

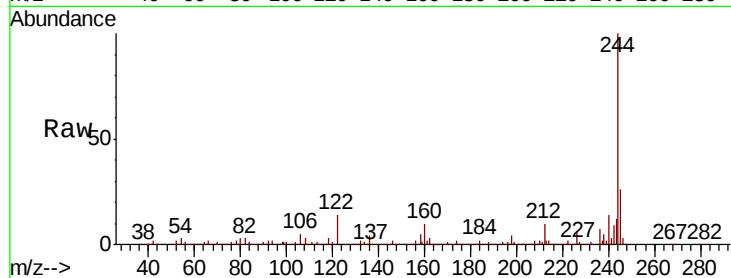
212 9.8 8.6 13.0

122 13.9 11.9 17.9

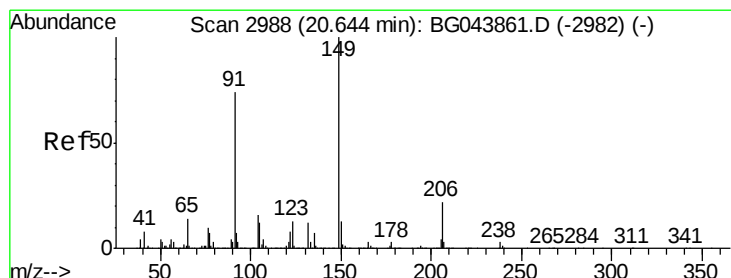
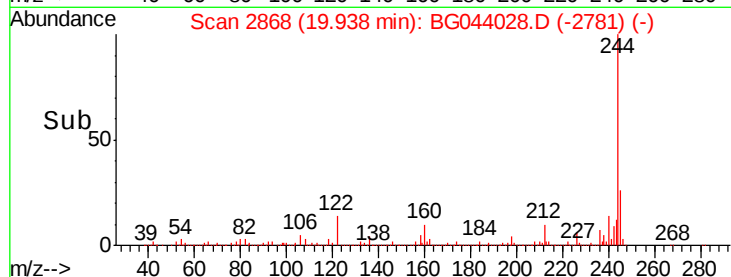
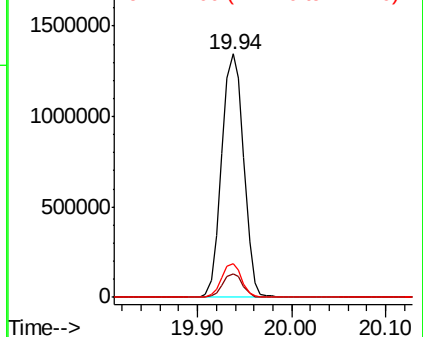
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Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 47.691 ng

RT: 20.63 min Scan# 2985

Delta R.T. -0.02 min

Lab File: BG044028.D

Acq: 14 Jan 2020 1:35

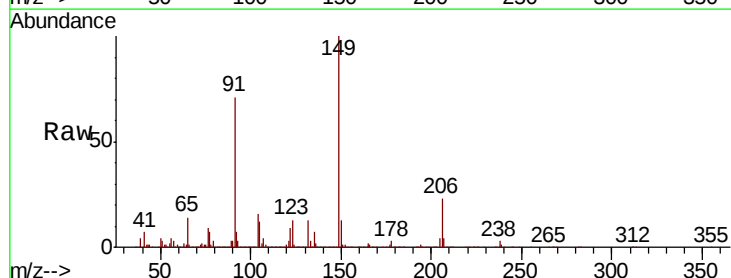
Tgt Ion:149 Resp: 850067

Ion Ratio Lower Upper

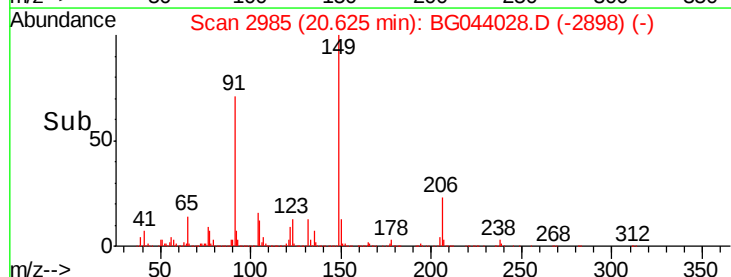
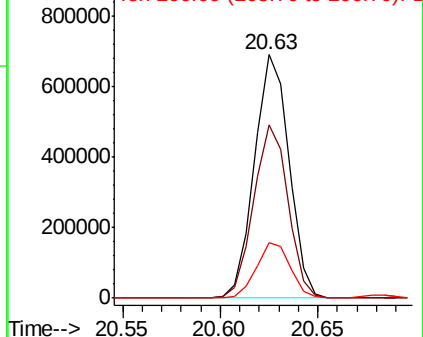
149 100

91 71.3 59.5 89.3

206 22.6 17.8 26.6



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BG
Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 48.205 ng

RT: 21.55 min Scan# 3143

Delta R.T. -0.02 min

Lab File: BG044028.D

Acq: 14 Jan 2020 1:35

Instrument :

BNA_G

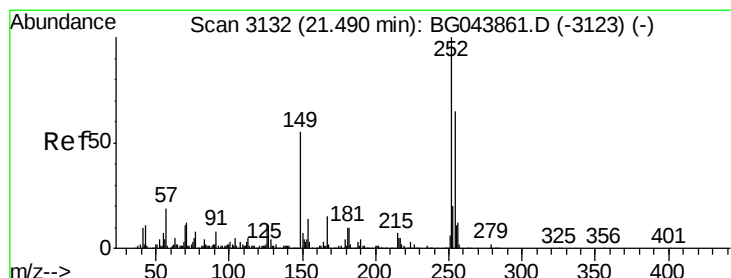
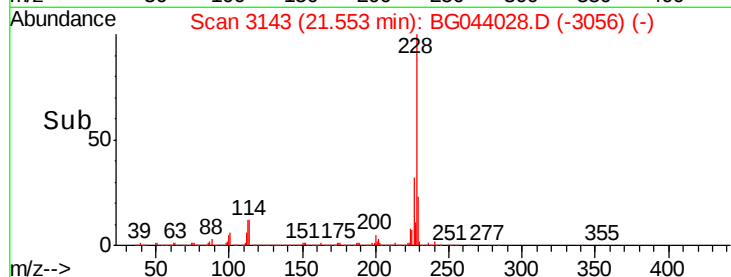
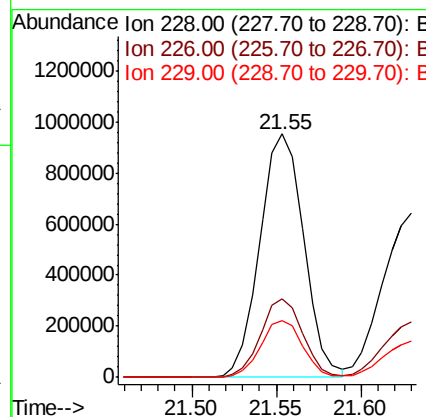
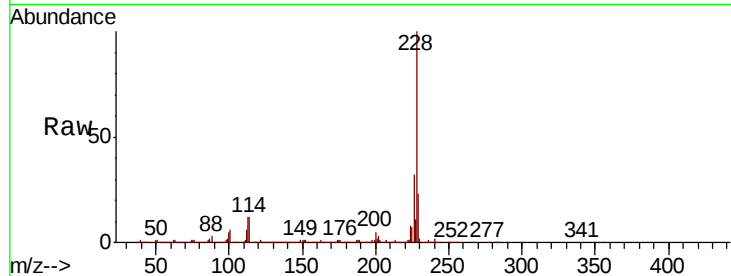
ClientSampleId :

SB-MW-19(3-5)MSD

Tot Ion:	228	Resp:	1714405
Ion	Ratio	Lower	Upper
228	100		
226	32.3	26.2	39.4
229	23.1	18.9	28.3

Manual Integrations
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#82

3,3'-Dichlorobenzidine

Concen: 25.235 ng

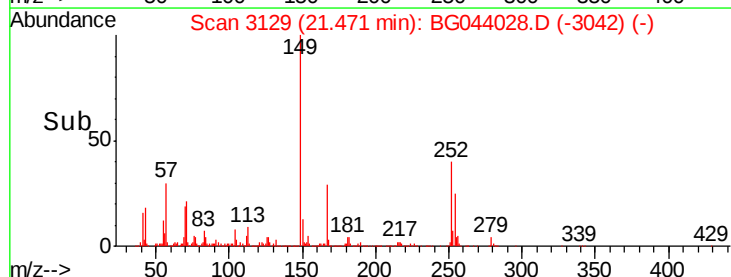
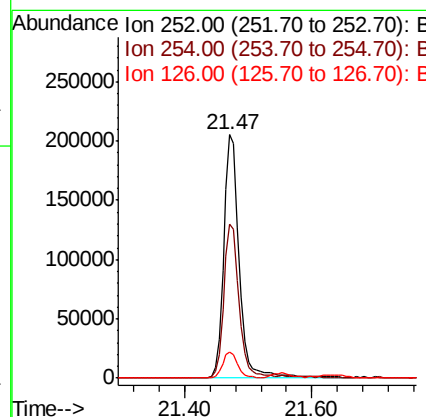
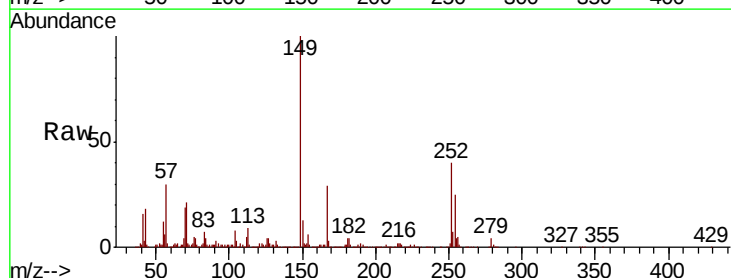
RT: 21.47 min Scan# 3129

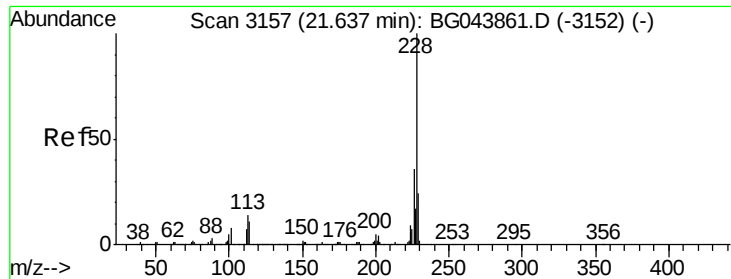
Delta R.T. -0.02 min

Lab File: BG044028.D

Acq: 14 Jan 2020 1:35

Tgt Ion:	252	Resp:	354574
Ion	Ratio	Lower	Upper
252	100		
254	63.4	52.1	78.1
126	10.6	9.1	13.7





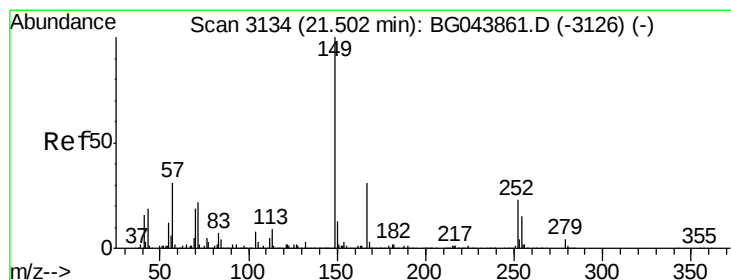
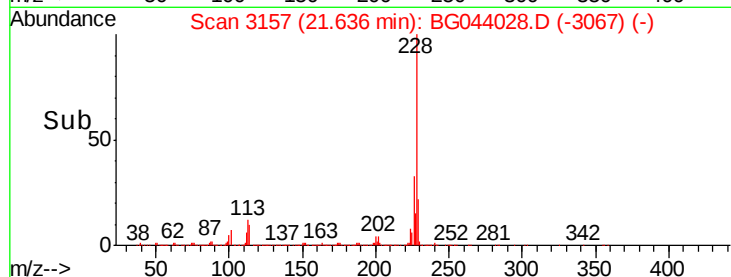
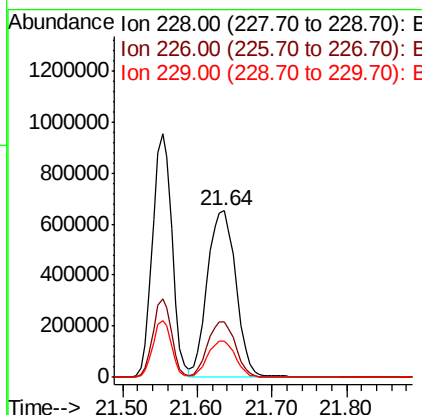
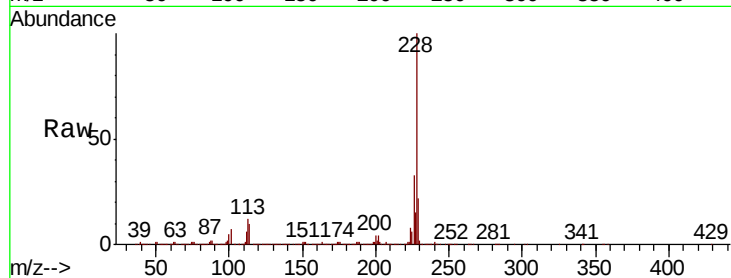
#83
 Chrysene
 Concen: 51.391 ng
 RT: 21.64 min Scan# 3157
 Delta R.T. -0.00 min
 Lab File: BG044028.D
 Acq: 14 Jan 2020 1:35

Instrument :
 BNA_G
 ClientSampleId :
 SB-MW-19(3-5)MSD

Tot Ion:228 Resp: 1736703
 Ion Ratio Lower Upper
 228 100
 226 33.2 28.8 43.2
 229 21.7 19.0 28.6

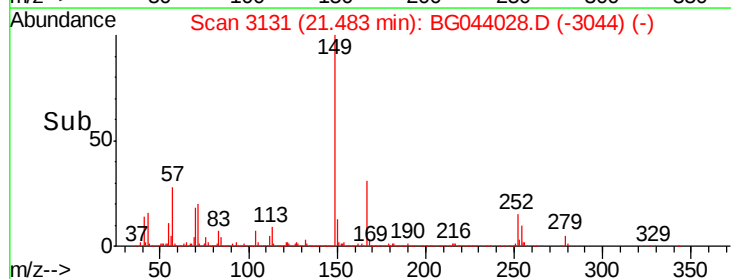
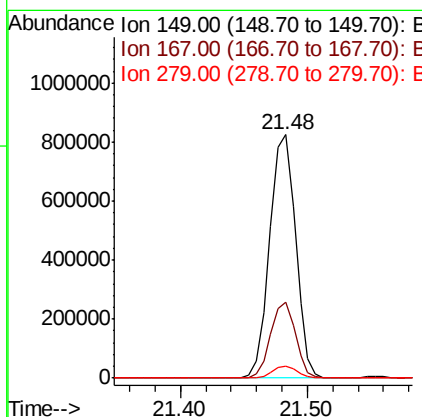
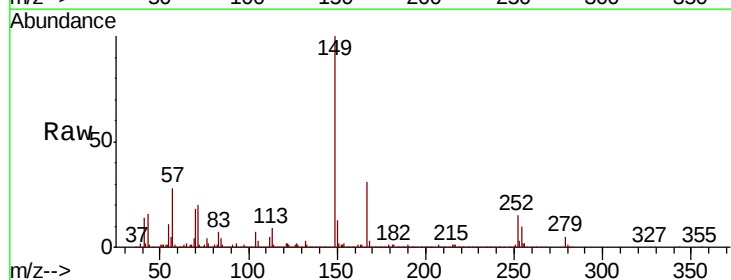
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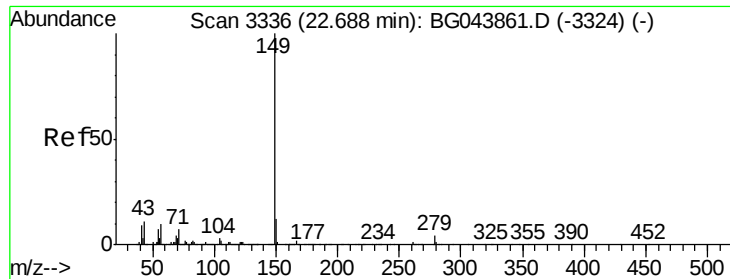
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 47.779 ng
 RT: 21.48 min Scan# 3131
 Delta R.T. -0.02 min
 Lab File: BG044028.D
 Acq: 14 Jan 2020 1:35

Tgt Ion:149 Resp: 1175094
 Ion Ratio Lower Upper
 149 100
 167 31.1 24.7 37.1
 279 4.9 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 49.755 ng

RT: 22.67 min Scan# 3333

Delta R.T. -0.02 min

Lab File: BG044028.D

Acq: 14 Jan 2020 1:35

Instrument :

BNA_G

ClientSampleId :

SB-MW-19(3-5)MSD

Tot Ion:149 Resp: 2057196

Ion Ratio Lower Upper

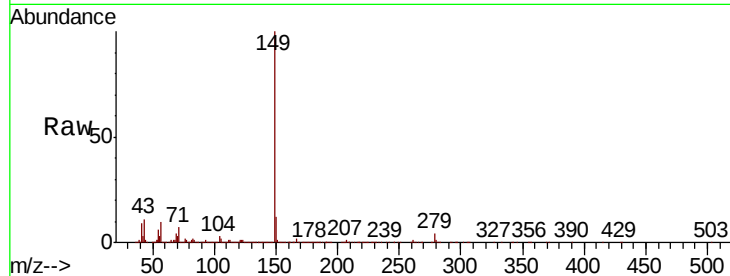
149 100

167 1.7 1.4 2.0

43 10.1 8.8 13.2

Manual Integrations
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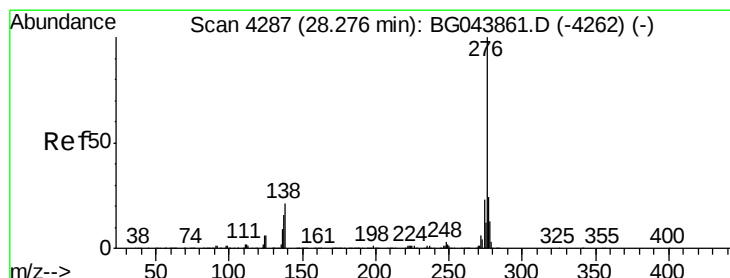
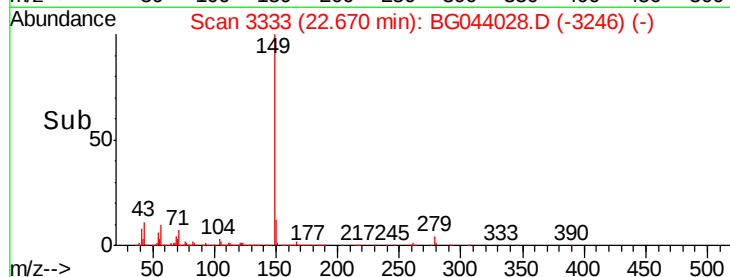
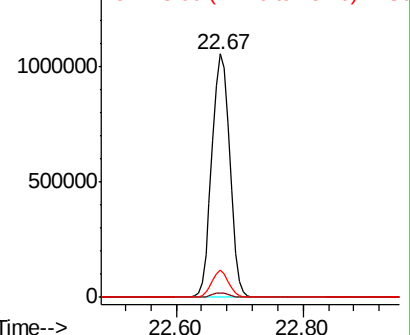
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Abundance Ion 149.00 (148.70 to 149.70): E

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: 47.633 ng m

RT: 28.33 min Scan# 4296

Delta R.T. 0.05 min

Lab File: BG044028.D

Acq: 14 Jan 2020 1:35

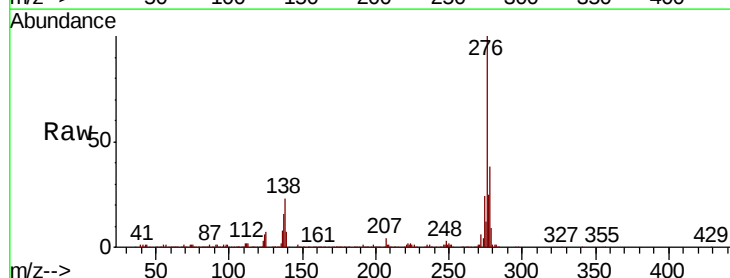
Tgt Ion:276 Resp: 2187584

Ion Ratio Lower Upper

276 100

138 0.0 21.0 31.4#

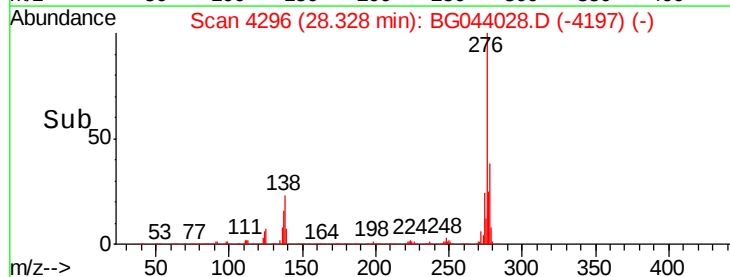
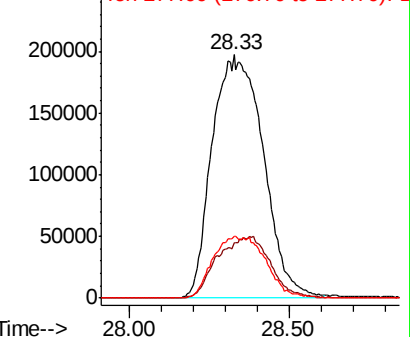
277 0.0 21.1 31.7#

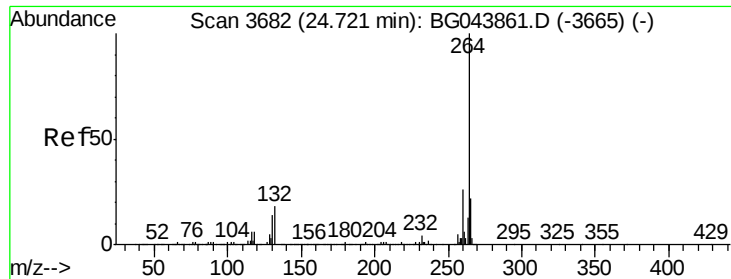


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





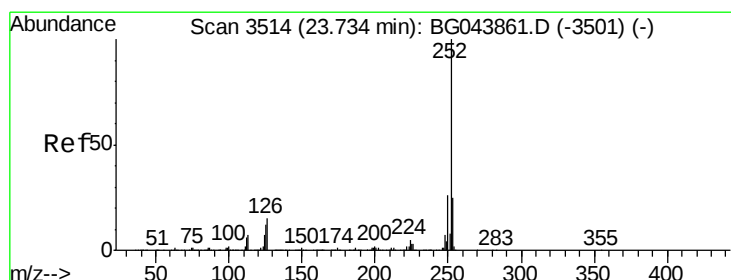
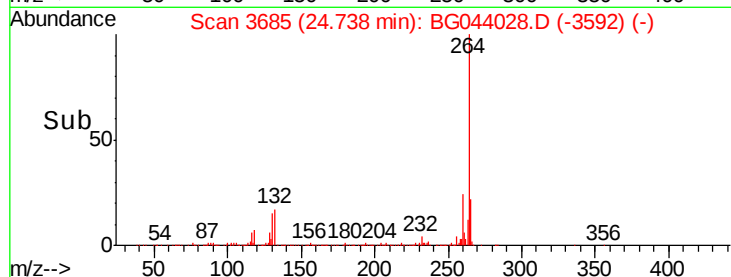
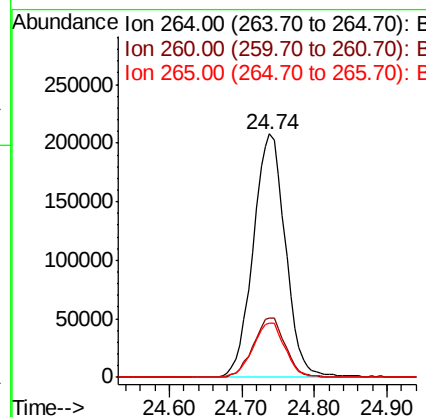
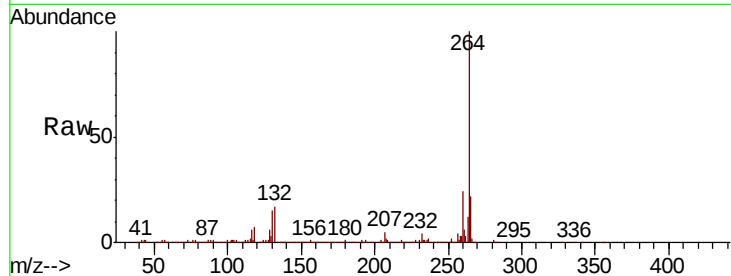
#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.74 min Scan# 3685
Delta R.T. 0.02 min
Lab File: BG044028.D
Acq: 14 Jan 2020 1:35

Instrument :
BNA_G
ClientSampleId :
SB-MW-19(3-5)MSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	20.4	30.6
265	22.3	17.4	26.2

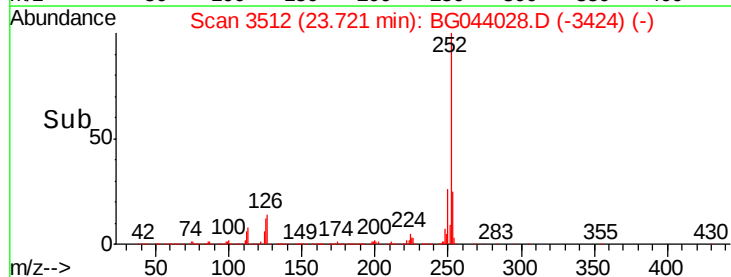
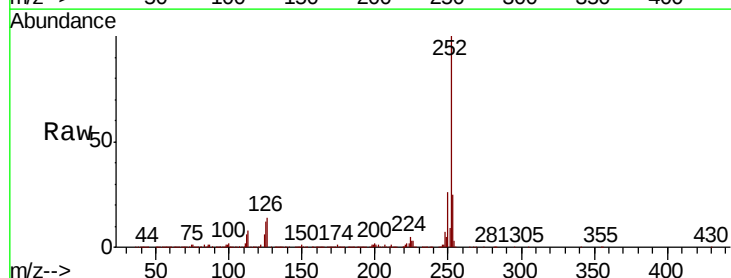
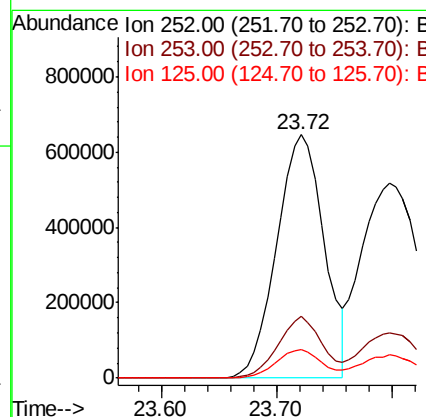
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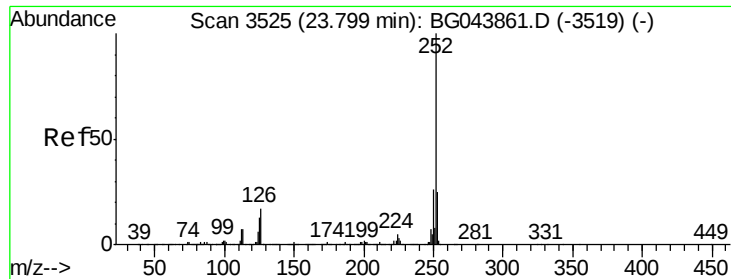
mohammad
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#88
Benzo(b)fluoranthene
Concen: 48.626 ng
RT: 23.72 min Scan# 3512
Delta R.T. -0.01 min
Lab File: BG044028.D
Acq: 14 Jan 2020 1:35

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.3	19.7	29.5
125	11.6	9.4	14.2





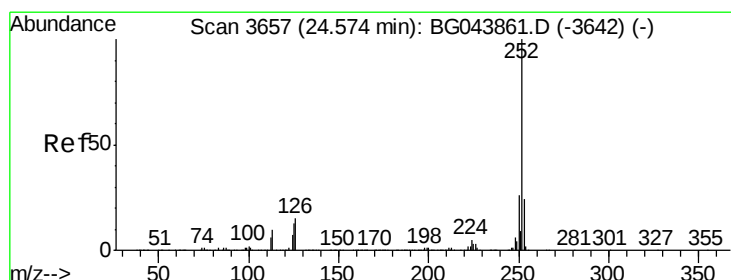
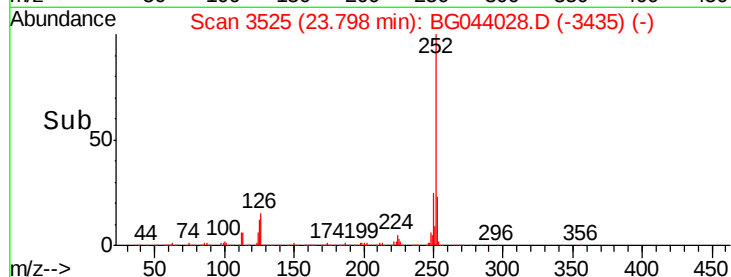
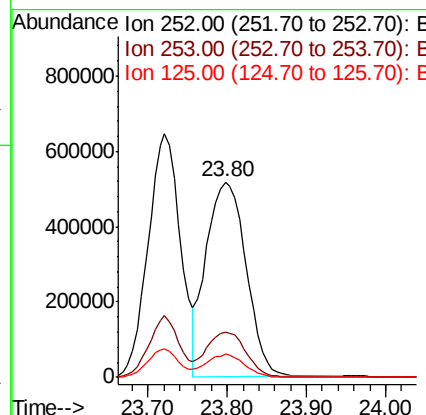
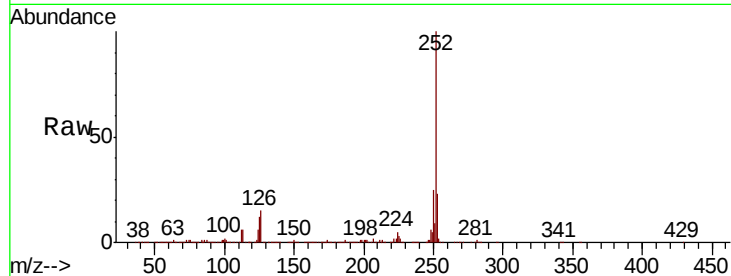
#89
Benzo(k)fluoranthene
Concen: 50.255 ng
RT: 23.80 min Scan# 3525
Delta R.T. -0.00 min
Lab File: BG044028.D
Acq: 14 Jan 2020 1:35

Instrument :
BNA_G
ClientSampleId :
SB-MW-19(3-5)MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.4	19.4	29.2
125	11.7	9.9	14.9

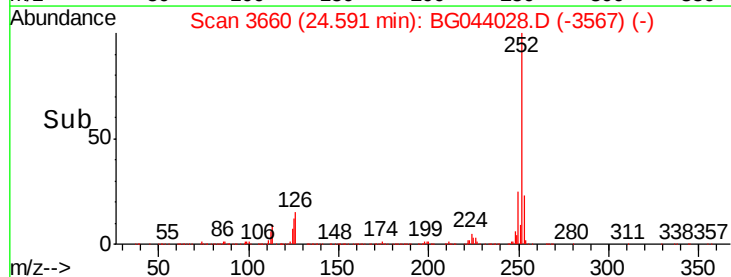
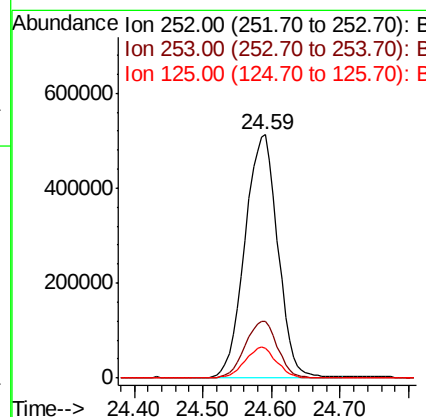
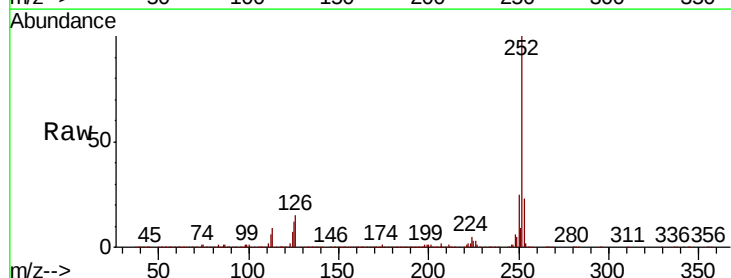
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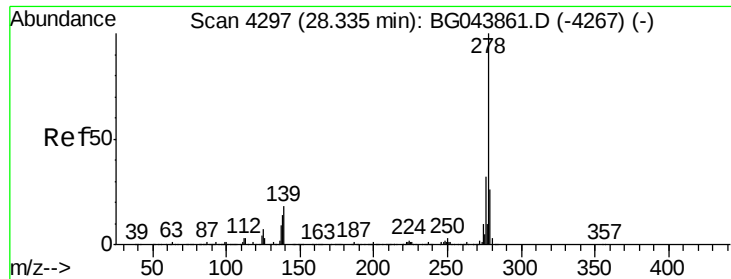
mohammad
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#90
Benzo(a)pyrene
Concen: 47.729 ng
RT: 24.59 min Scan# 3660
Delta R.T. 0.02 min
Lab File: BG044028.D
Acq: 14 Jan 2020 1:35

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	19.3	28.9
125	12.4	10.4	15.6





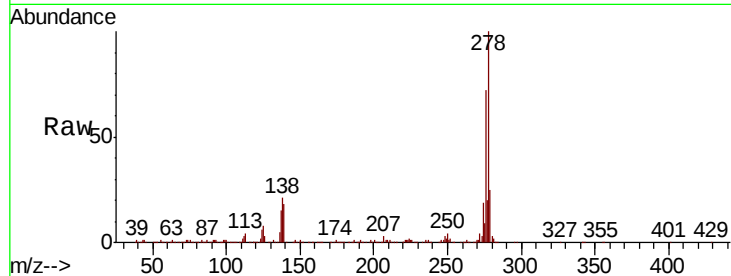
#91
Dibenzo(a,h)anthracene
Concen: 50.176 ng
RT: 28.40 min Scan# 4308
Delta R.T. 0.06 min
Lab File: BG044028.D
Acq: 14 Jan 2020 1:35

Instrument :
BNA_G
ClientSampleId :
SB-MW-19(3-5)MSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	17.5	14.2	21.4
279	24.9	20.6	30.8

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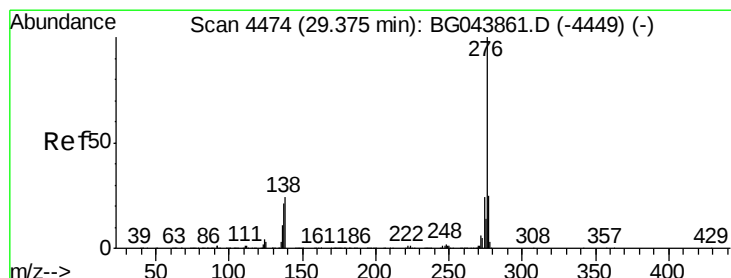
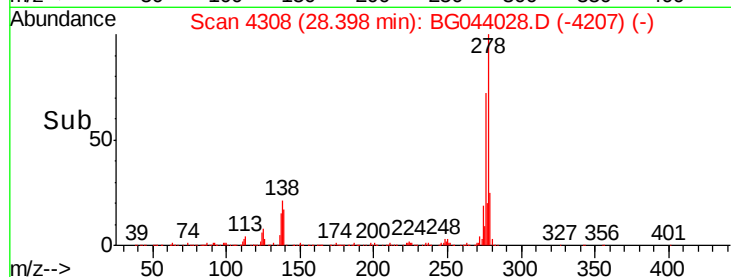
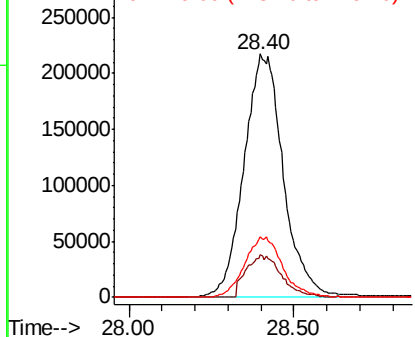


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 51.284 ng
RT: 29.54 min Scan# 4502
Delta R.T. 0.16 min
Lab File: BG044028.D
Acq: 14 Jan 2020 1:35

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.5	20.2	30.4
138	23.4	19.0	28.6

Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

