

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG051220\
 Data File : BG045336.D
 Acq On : 12 May 2020 19:46
 Operator : CG/JU
 Sample : PB128809BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB128809BS

Manual Integrations
 APPROVED

mohammad
 5/14/2020 8:37:18 AM

Quant Time: May 13 01:22:28 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 12 15:48:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.97	152	60902	20.00	ng	0.00
21) Naphthalene-d8	10.79	136	234298	20.00	ng	0.00
39) Acenaphthene-d10	14.62	164	175950	20.00	ng	0.00
64) Phenanthrene-d10	17.36	188	433365	20.00	ng	0.00
76) Chrysene-d12	21.63	240	394624	20.00	ng	0.00
87) Perylene-d12	24.80	264	444528	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	465179	126.10	ng	0.00
7) Phenol-d6	7.14	99	641955	117.13	ng	0.00
23) Nitrobenzene-d5	9.13	82	408905	79.63	ng	0.00
42) 2,4,6-Tribromophenol	16.11	330	321390	118.24	ng	0.00
45) 2-Fluorobiphenyl	13.24	172	941456	78.46	ng	0.00
79) Terphenyl-d14	19.98	244	1690623	93.38	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.42	88	55867	34.078	ng	96
3) Pyridine	3.82	79	130492	25.852	ng	96
4) n-Nitrosodimethylamine	3.74	42	61262	39.618	ng	84
6) Aniline	7.30	93	198556	27.863	ng	98
8) 2-Chlorophenol	7.54	128	160980	40.604	ng	98
9) Benzaldehyde	7.10	77	127782	41.955	ng	98
10) Phenol	7.17	94	220270	40.162	ng	99
11) bis(2-Chloroethyl)ether	7.39	93	151971	34.802	ng	97
12) 1,3-Dichlorobenzene	7.87	146	176808	37.846	ng	97
13) 1,4-Dichlorobenzene	8.01	146	173029	37.170	ng	100
14) 1,2-Dichlorobenzene	8.33	146	166678	37.426	ng	97
15) Benzyl Alcohol	8.21	79	164608	35.822	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.51	45	139994	32.660	ng	94
17) 2-Methylphenol	8.42	107	144210	34.079	ng	94
18) Hexachloroethane	9.06	117	67697	38.684	ng	97
19) n-Nitroso-di-n-propylamine	8.78	70	133376	34.410	ng	98
20) 3+4-Methylphenols	8.75	107	201490	34.018	ng	98
22) Acetophenone	8.79	105	253683	40.038	ng	97
24) Nitrobenzene	9.18	77	204738	38.898	ng	97
25) Isophorone	9.70	82	383216	36.443	ng	99
26) 2-Nitrophenol	9.89	139	94291	41.589	ng	99
27) 2,4-Dimethylphenol	9.96	122	153941	42.792	ng	88
28) bis(2-Chloroethoxy)methane	10.19	93	211520	38.284	ng	96
29) 2,4-Dichlorophenol	10.43	162	167490	40.321	ng	96
30) 1,2,4-Trichlorobenzene	10.64	180	183274	38.969	ng	99
31) Naphthalene	10.83	128	501453	39.123	ng	98
32) Benzoic acid	10.10	122	80684	30.451	ng	98
33) 4-Chloroaniline	10.94	127	103402	17.298	ng	97
34) Hexachlorobutadiene	11.13	225	122867	38.104	ng	98
35) Caprolactam	11.70	113	66263m	40.081	ng	
36) 4-Chloro-3-methylphenol	12.07	107	200668	41.123	ng	96
37) 2-Methylnaphthalene	12.44	142	377840	37.980	ng	97
38) 1-Methylnaphthalene	12.66	142	359766	38.306	ng	96
40) 1,2,4,5-Tetrachlorobenzene	12.81	216	211783	37.384	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.80	237	290117	81.936	nq	98
43) 2,4,6-Trichlorophenol	13.05	196	153975	38.511	nq	96
44) 2,4,5-Trichlorophenol	13.12	196	165701	36.409	nq	98
46) 1,1'-Biphenyl	13.45	154	485257	36.285	nq	99
47) 2-Chloronaphthalene	13.49	162	375255	36.723	nq	99
48) 2-Nitroaniline	13.69	65	130857	38.921	nq	96
49) Acenaphthylene	14.34	152	648280	38.948	nq	99
50) Dimethylphthalate	14.07	163	540628	37.736	nq	99
51) 2,6-Dinitrotoluene	14.19	165	123415	38.514	nq	95
52) Acenaphthene	14.69	154	488650m	43.390	nq	
53) 3-Nitroaniline	14.52	138	76106	21.655	nq	92
54) 2,4-Dinitrophenol	14.73	184	157164	82.480	nq	95
55) Dibenzofuran	15.02	168	624485	38.035	nq	99
56) 4-Nitrophenol	14.84	139	204403	75.009	nq	92
57) 2,4-Dinitrotoluene	14.98	165	177070	37.811	nq	# 97
58) Fluorene	15.67	166	515742	38.456	nq	96
59) 2,3,4,6-Tetrachlorophenol	15.24	232	161154	39.797	nq	99
60) Diethylphthalate	15.44	149	562441	37.654	nq	100
61) 4-Chlorophenyl-phenylether	15.66	204	288566	37.382	nq	99
62) 4-Nitroaniline	15.68	138	124054	34.031	nq	91
63) Azobenzene	15.95	77	528142	38.351	nq	97
65) 4,6-Dinitro-2-methylphenol	15.74	198	118731	41.682	nq	96
66) n-Nitrosodiphenylamine	15.87	169	471818	37.893	nq	100
67) 4-Bromophenyl-phenylether	16.55	248	200992	35.951	nq	98
68) Hexachlorobenzene	16.68	284	218047	37.605	nq	97
69) Atrazine	16.82	200	187339	40.805	nq	95
70) Pentachlorophenol	17.02	266	260101	73.123	nq	95
71) Phenanthrene	17.41	178	865684	38.873	nq	99
72) Anthracene	17.50	178	897915	40.196	nq	98
73) Carbazole	17.77	167	828014	36.526	nq	96
74) Di-n-butylphthalate	18.33	149	986040	39.172	nq	99
75) Fluoranthene	19.42	202	1085483	40.909	nq	97
77) Benzidine	19.60	184	627122	56.372	nq	97
78) Pyrene	19.78	202	1073241	39.449	nq	98
80) Butylbenzylphthalate	20.67	149	435014	38.575	nq	97
81) Benzo(a)anthracene	21.61	228	1011501	39.547	nq	97
82) 3,3'-Dichlorobenzidine	21.52	252	249753	24.533	nq	# 99
83) Chrysene	21.68	228	960260	39.075	nq	98
84) Bis(2-ethylhexyl)phthalate	21.53	149	607055	39.140	nq	99
85) Di-n-octyl phthalate	22.72	149	1029222	38.375	nq	100
86) Indeno(1,2,3-cd)pyrene	28.38	276	1252782	38.396	nq	# 97
88) Benzo(b)fluoranthene	23.79	252	1061720m	38.130	nq	
89) Benzo(k)fluoranthene	23.86	252	1026529	38.765	nq	98
90) Benzo(a)pyrene	24.64	252	976491	37.143	nq	# 97
91) Dibenzo(a,h)anthracene	28.45	278	1023159	38.623	nq	97
92) Benzo(g,h,i)perylene	29.52	276	1046711	39.411	nq	97

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

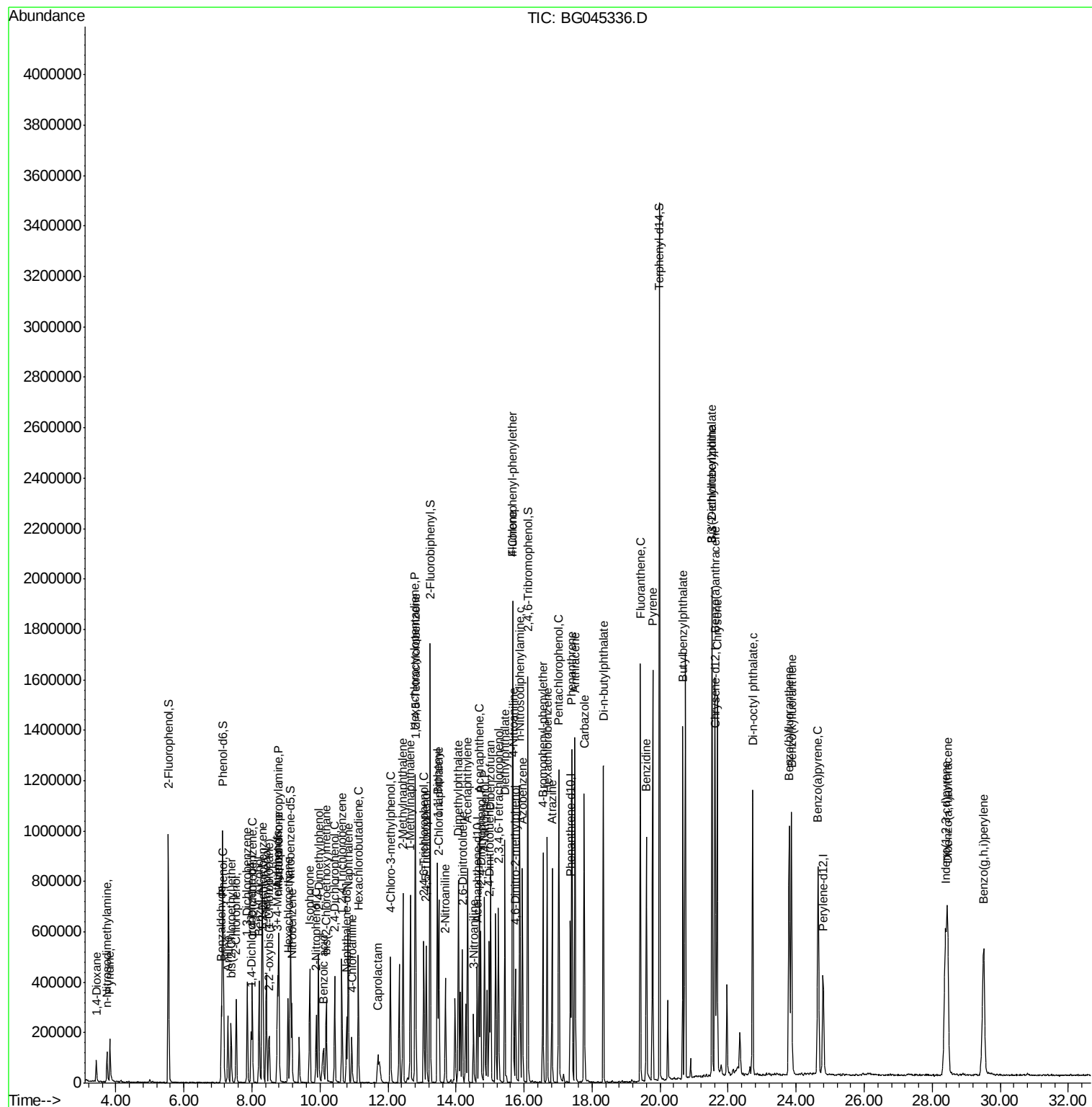
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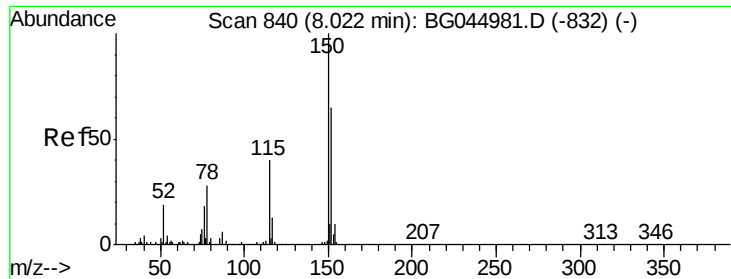
Instrument :
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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.97 min Scan# 831

Delta R.T. -0.01 min

Lab File: BG045336.D

Acq: 12 May 2020 19:46

Instrument :

BNA_G

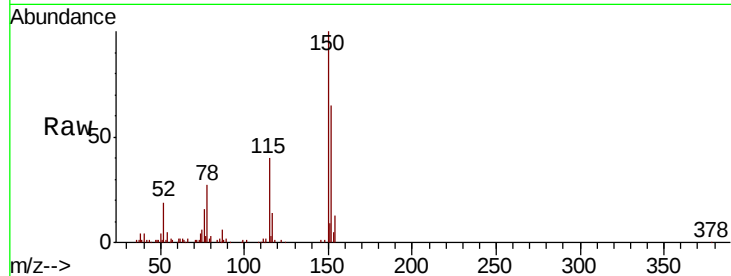
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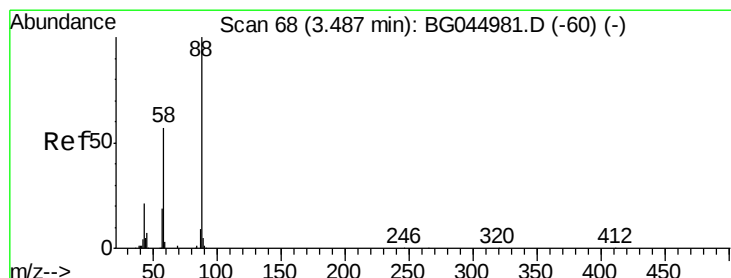
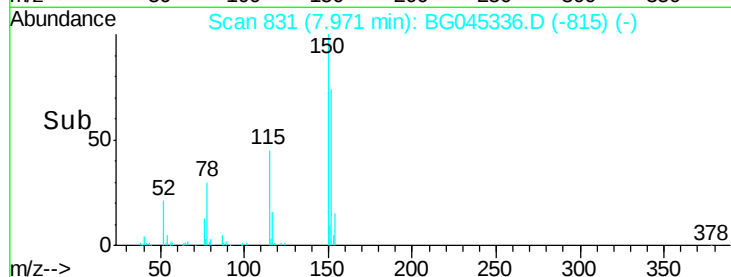
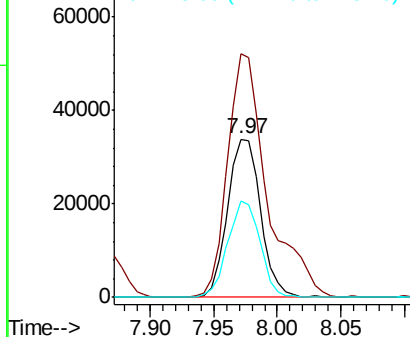
Tot Ion:	152	Resp:	60902
Ion	Ratio	Lower	Upper
152	100		
150	153.8	123.6	185.4
115	61.0	49.1	73.7

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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 34.078 ng

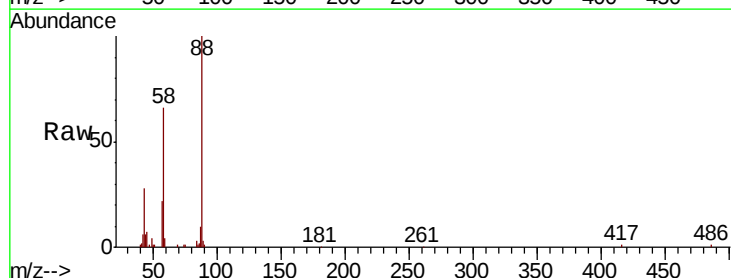
RT: 3.42 min Scan# 57

Delta R.T. -0.00 min

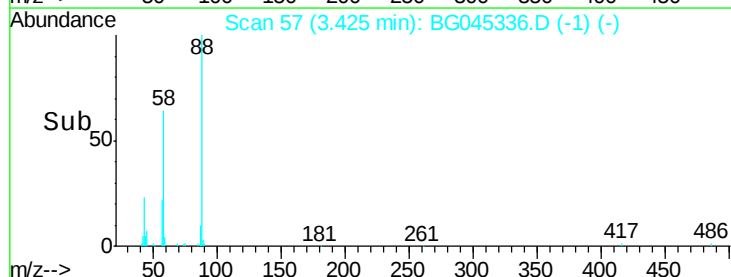
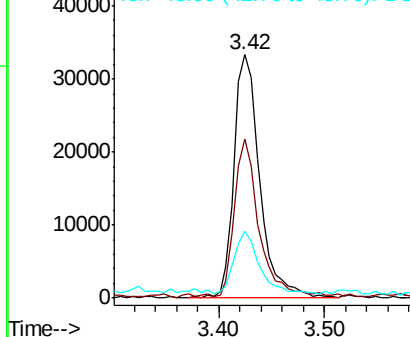
Lab File: BG045336.D

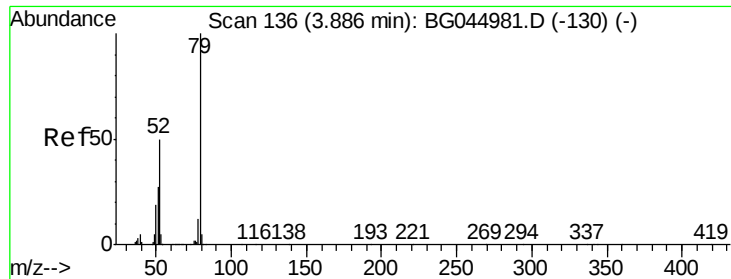
Acq: 12 May 2020 19:46

Tgt Ion:	88	Resp:	55867
Ion	Ratio	Lower	Upper
88	100		
58	60.5	46.6	69.8
43	25.1	17.5	26.3



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: 25.852 ng

RT: 3.82 min Scan# 125

Delta R.T. -0.00 min

Lab File: BG045336.D

Acq: 12 May 2020 19:46

Instrument :

BNA_G

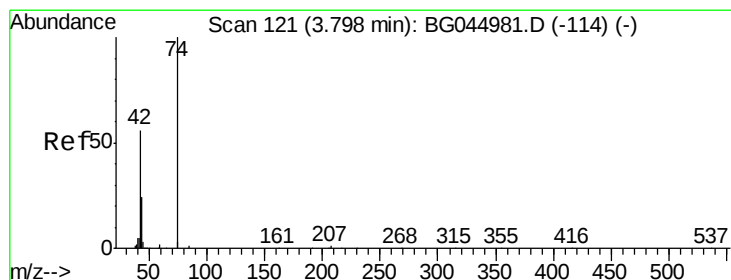
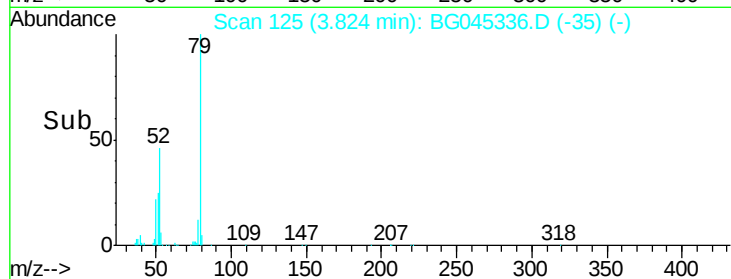
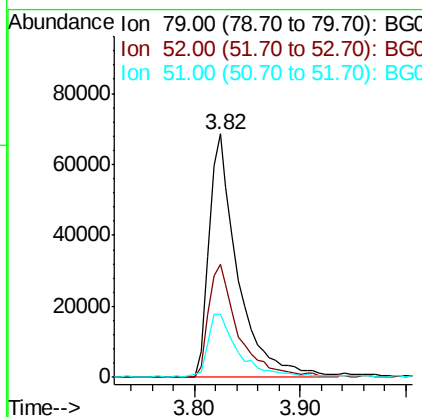
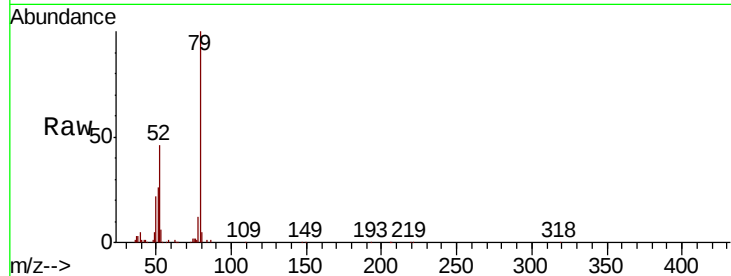
ClientSampleId :

PB128809BS

Tot Ion:	79	Resp:	130492
Ion Ratio	Lower	Upper	
79	100		
52	46.3	39.8	59.6
51	25.7	21.4	32.2

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#4

n-Nitrosodimethylamine

Concen: 39.618 ng

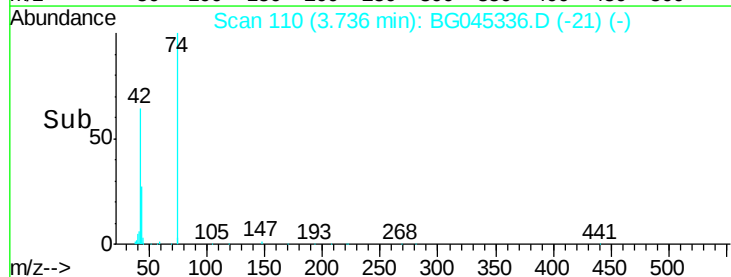
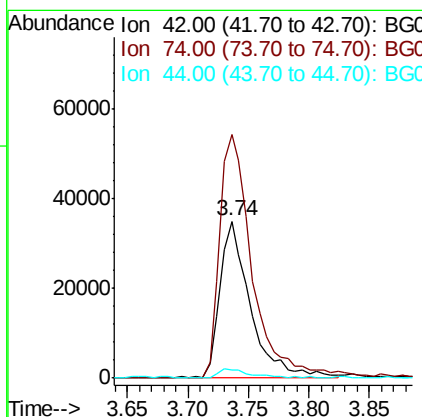
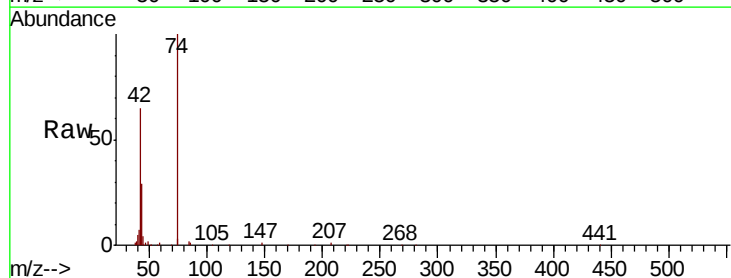
RT: 3.74 min Scan# 110

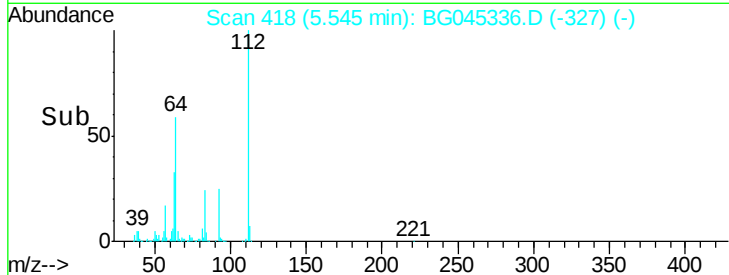
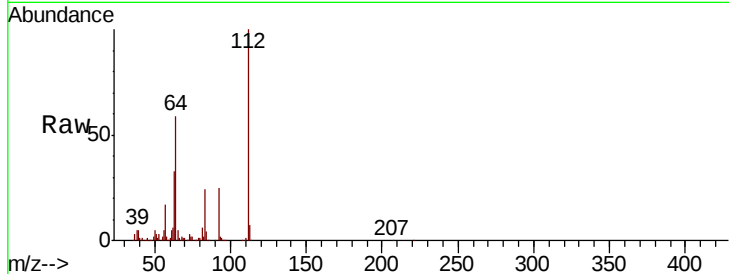
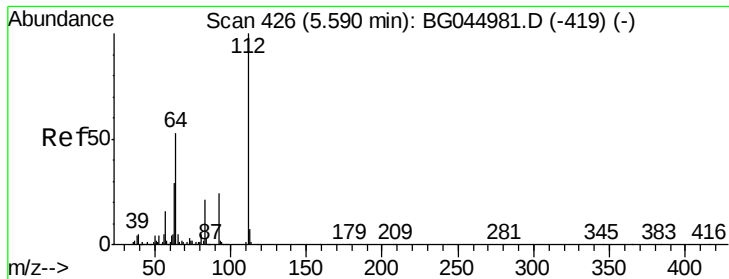
Delta R.T. -0.01 min

Lab File: BG045336.D

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Tgt Ion:	42	Resp:	61262
Ion Ratio	Lower	Upper	
42	100		
74	155.0	143.0	214.6
44	5.5	4.6	6.8





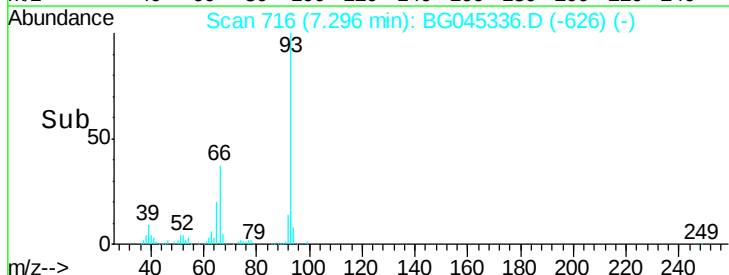
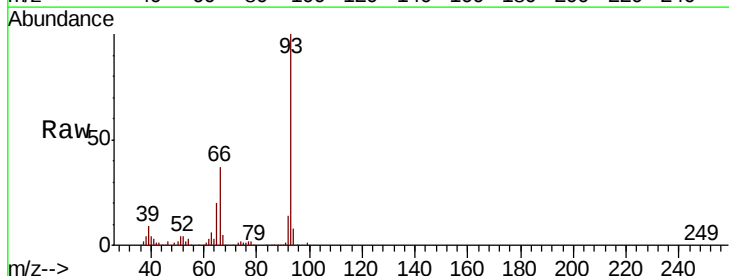
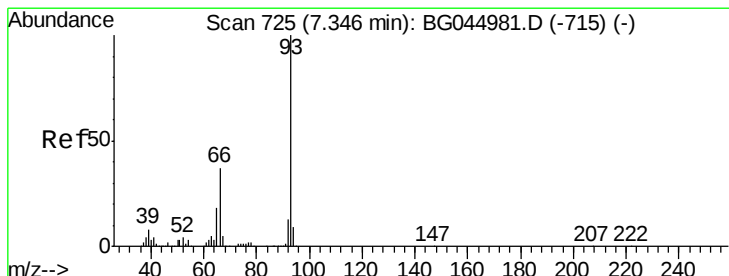
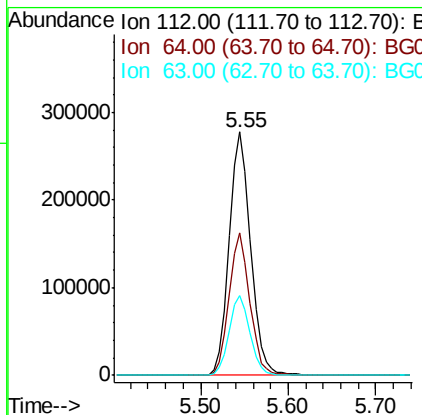
#5
2-Fluorophenol
Concen: 126.102 ng
RT: 5.55 min Scan# 418
Delta R.T. 0.00 min
Lab File: BG045336.D
Acq: 12 May 2020 19:46

Tot Ion	Ratio	Resp	Lower	Upper
112	100	465179		
64	58.8	42.4	63.6	
63	32.7	23.1	34.7	

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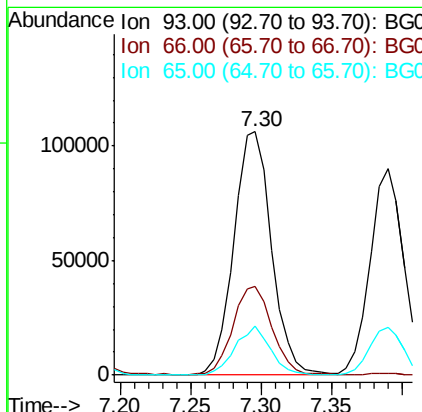
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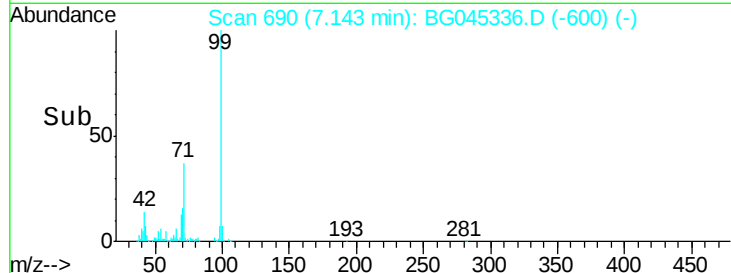
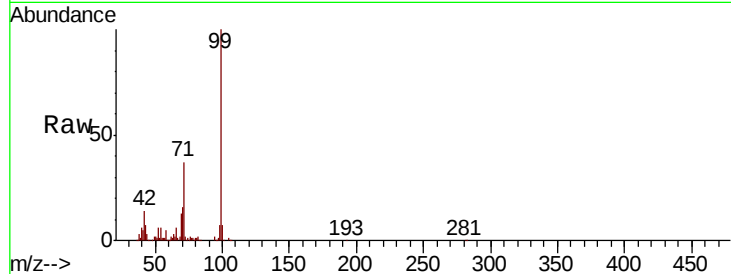
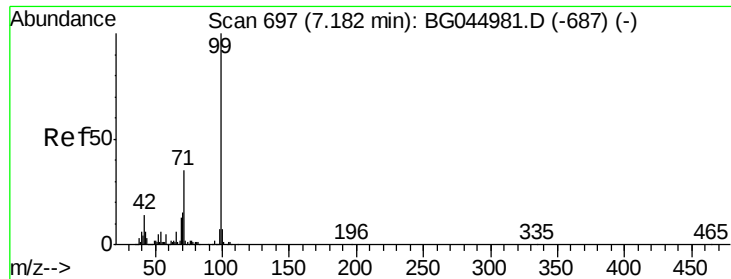
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#6
Aniline
Concen: 27.863 ng
RT: 7.30 min Scan# 716
Delta R.T. -0.00 min
Lab File: BG045336.D
Acq: 12 May 2020 19:46

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	198556		
66	36.6	29.8	44.8	
65	20.1	14.6	22.0	





#7

Phenol-d6

Concen: 117.128 ng

RT: 7.14 min Scan# 690

Delta R.T. -0.00 min

Lab File: BG045336.D

Acq: 12 May 2020 19:46

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		641955		
42	13.7	11.3	16.9		
71	37.1	28.3	42.5		

Instrument :

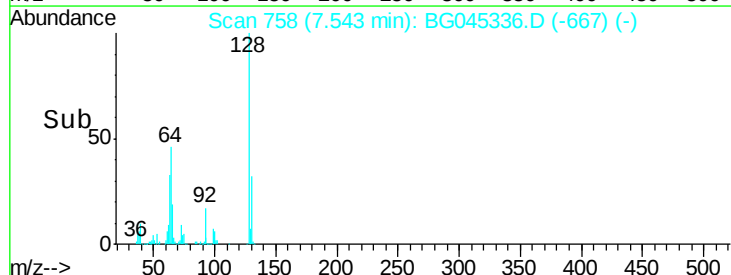
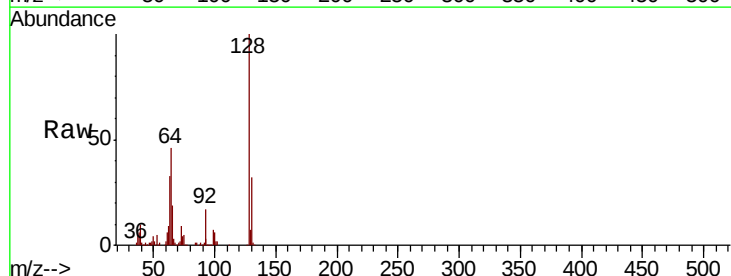
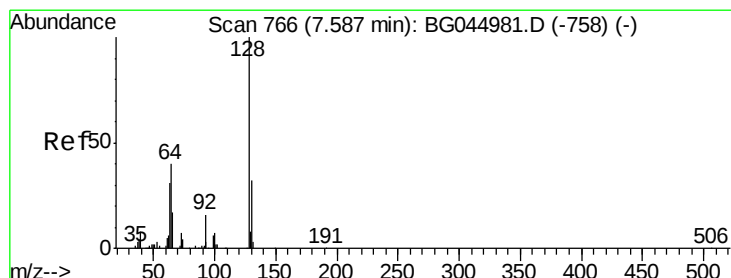
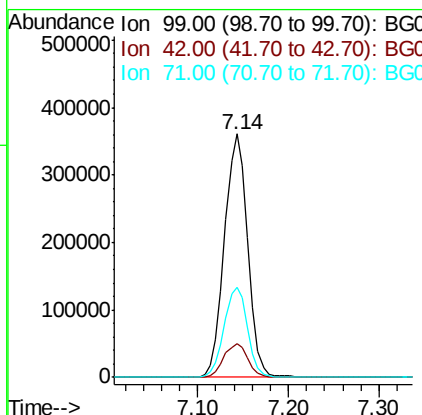
BNA_G

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#8

2-Chlorophenol

Concen: 40.604 ng

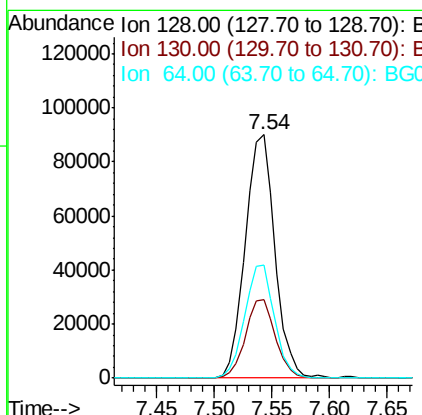
RT: 7.54 min Scan# 758

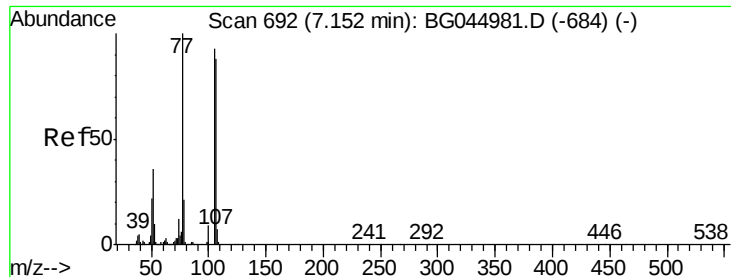
Delta R.T. 0.00 min

Lab File: BG045336.D

Acq: 12 May 2020 19:46

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		160980		
130	32.2	12.3	52.3		
64	46.3	24.4	64.4		





#9

Benzaldehyde

Concen: 41.955 ng

RT: 7.10 min Scan# 683

Delta R.T. -0.01 min

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Acq: 12 May 2020 19:46

Instrument :

BNA_G

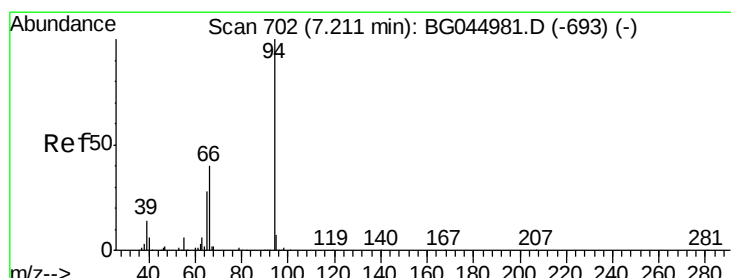
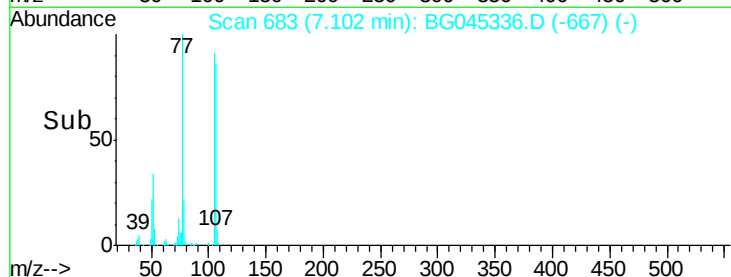
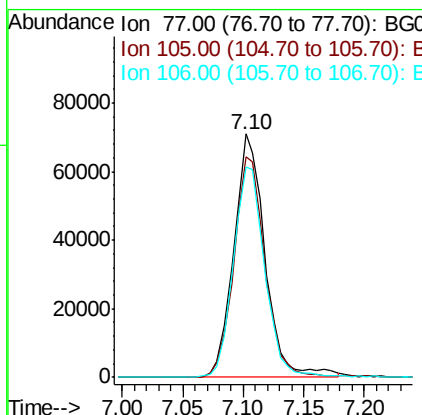
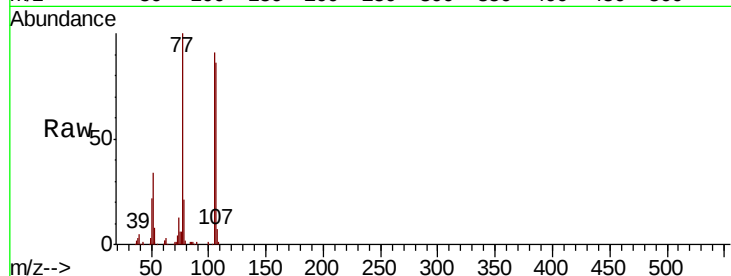
ClientSampleId :

PB128809BS

Tot Ion:	77	Resp:	127782
Ion Ratio	Lower	Upper	
77	100		
105	90.7	72.9	112.9
106	86.5	67.6	107.6

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#10

Phenol

Concen: 40.162 ng

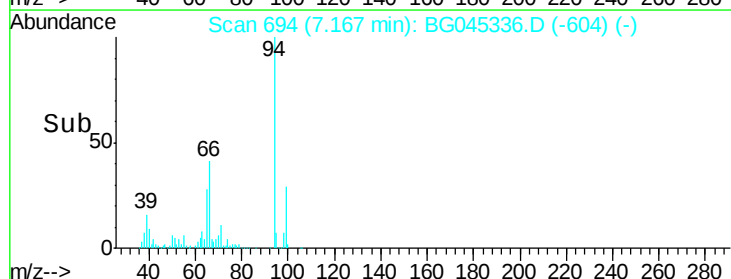
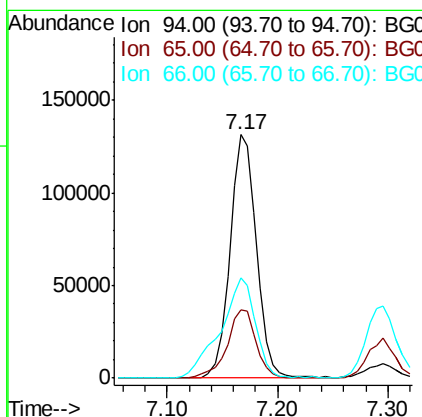
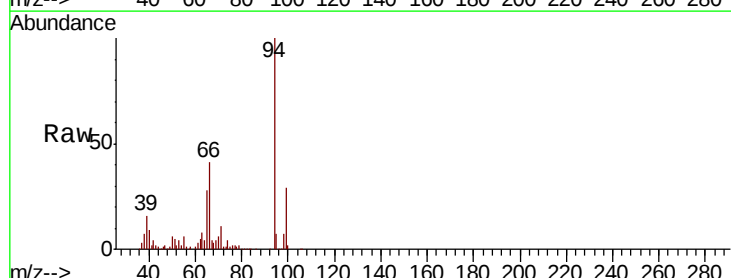
RT: 7.17 min Scan# 694

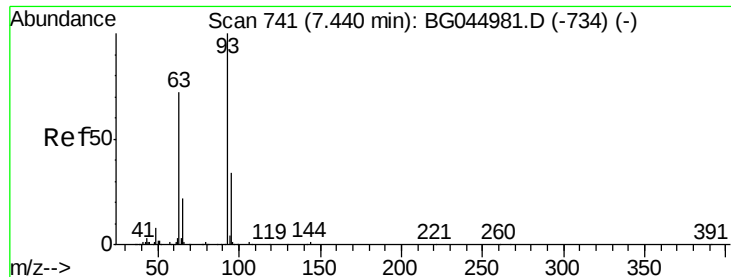
Delta R.T. -0.00 min

Lab File: BG045336.D

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Tgt Ion:	94	Resp:	220270
Ion Ratio	Lower	Upper	
94	100		
65	28.0	8.2	48.2
66	40.9	20.4	60.4





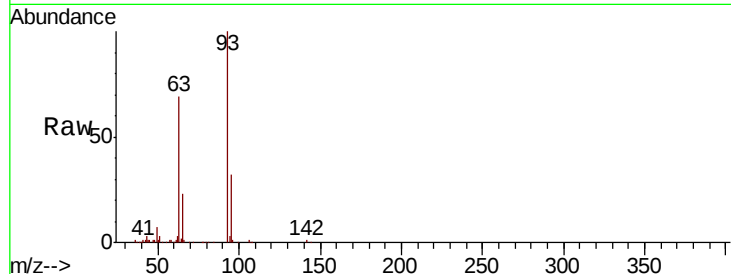
#11
bis(2-Chloroethyl)ether
Concen: 34.802 ng
RT: 7.39 min Scan# 732
Delta R.T. -0.00 min
Lab File: BG045336.D
Acq: 12 May 2020 19:46

Instrument :
BNA_G
ClientSampleId :
PB128809BS

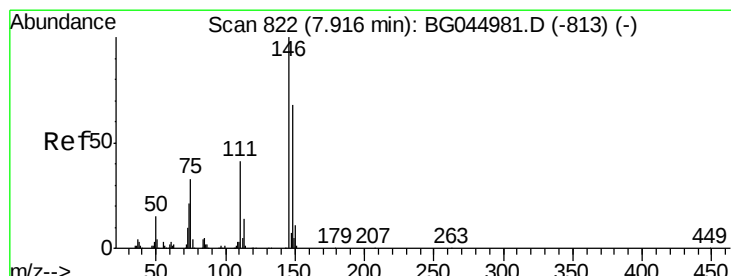
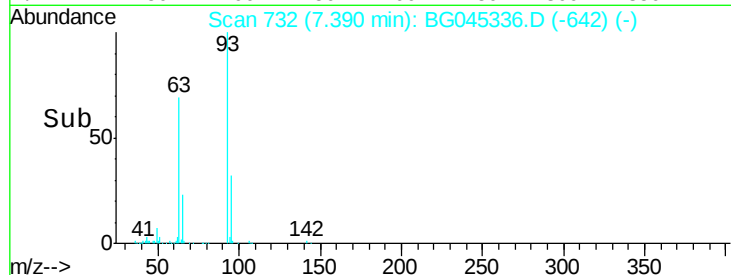
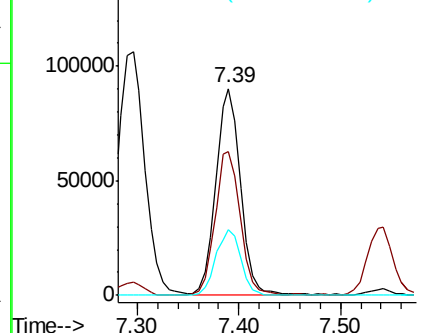
Tot Ion	Ratio	Lower	Upper
93	100		
63	69.3	51.8	91.8
95	31.8	13.8	53.8

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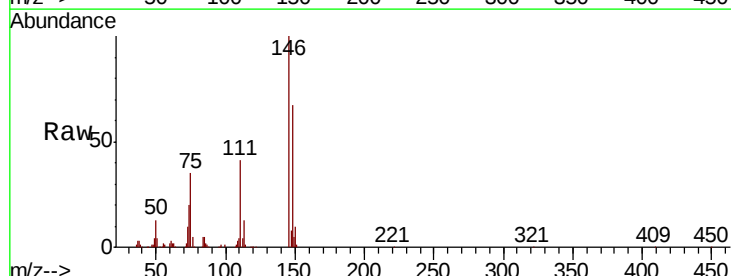


Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC

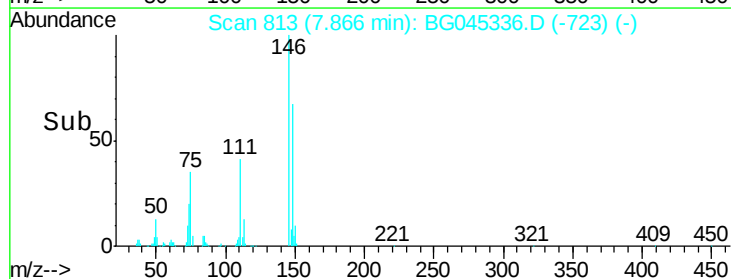
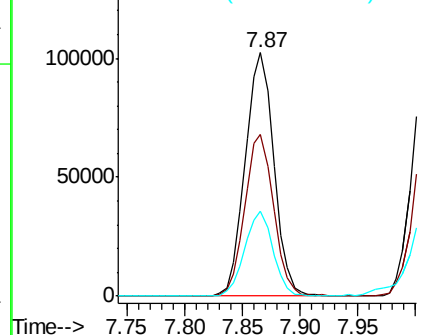


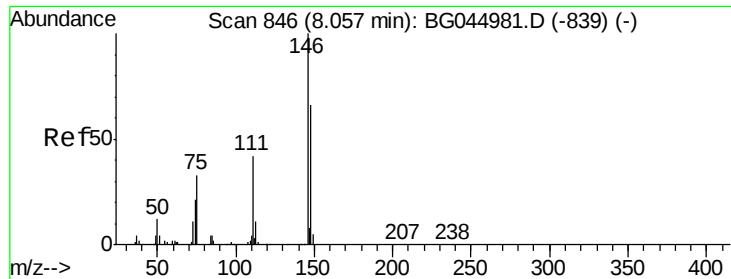
#12
1,3-Dichlorobenzene
Concen: 37.846 ng
RT: 7.87 min Scan# 813
Delta R.T. -0.00 min
Lab File: BG045336.D
Acq: 12 May 2020 19:46

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.5	54.6	81.8
75	35.0	26.0	39.0



Abundance Ion 146.00 (145.70 to 146.70): BGC
Ion 148.00 (147.70 to 148.70): BGC
Ion 75.00 (74.70 to 75.70): BGC





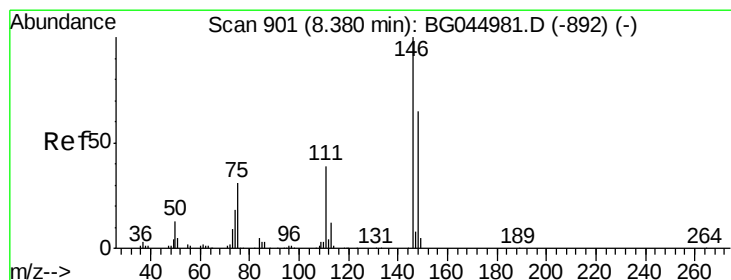
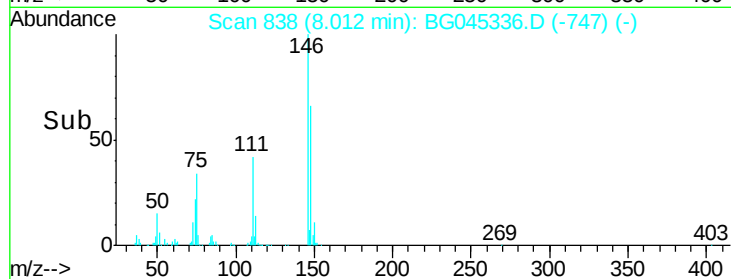
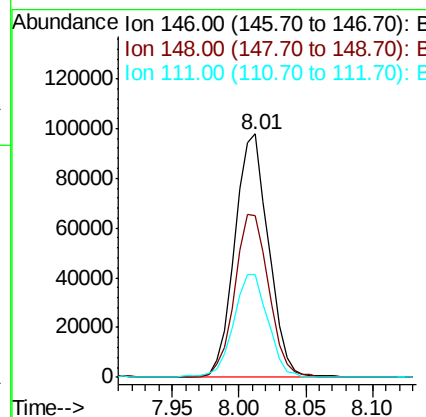
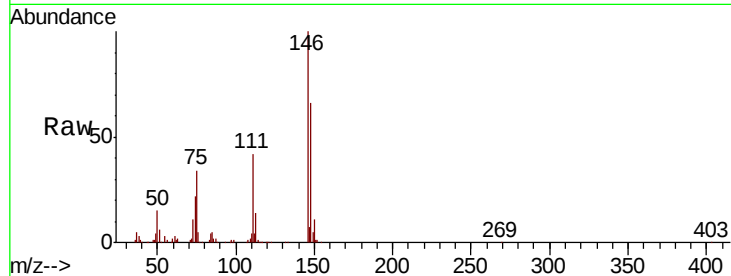
#13
 1,4-Dichlorobenzene
 Concen: 37.170 ng
 RT: 8.01 min Scan# 838
 Delta R.T. 0.00 min
 Lab File: BG045336.D
 Acq: 12 May 2020 19:46

Instrument :
 BNA_G
 ClientSampleId :
 PB128809BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	66.2	53.3	79.9
111	42.2	33.8	50.8

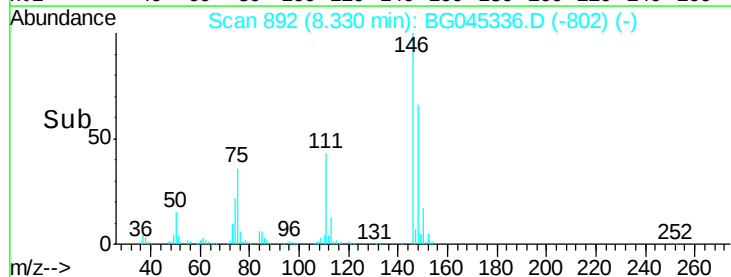
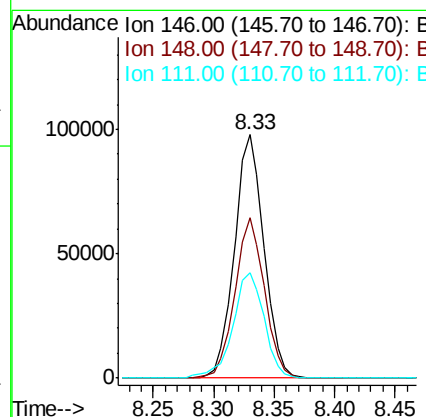
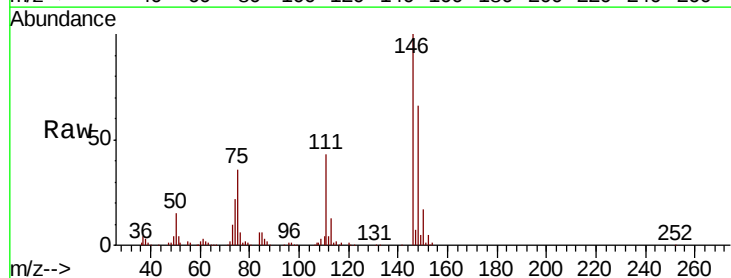
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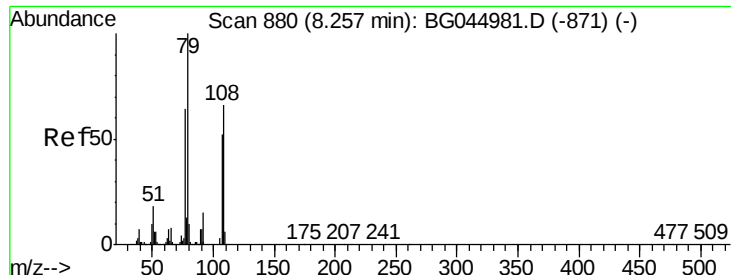
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#14
 1,2-Dichlorobenzene
 Concen: 37.426 ng
 RT: 8.33 min Scan# 892
 Delta R.T. -0.00 min
 Lab File: BG045336.D
 Acq: 12 May 2020 19:46

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.9	51.9	77.9
111	43.2	31.3	46.9





#15

Benzyl Alcohol

Concen: 35.822 ng

RT: 8.21 min Scan# 872

Delta R.T. -0.00 min

Lab File: BG045336.D

Acq: 12 May 2020 19:46

Instrument :

BNA_G

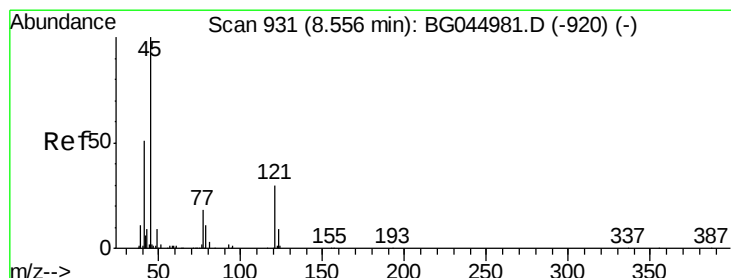
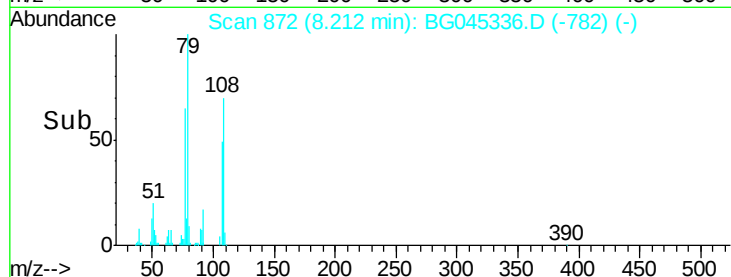
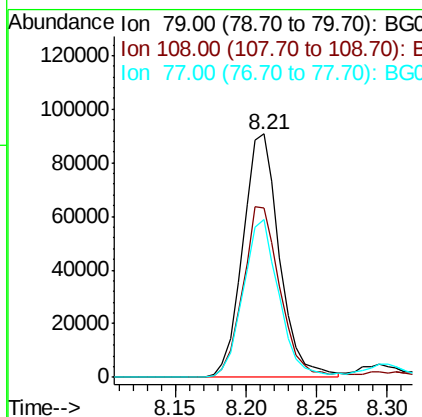
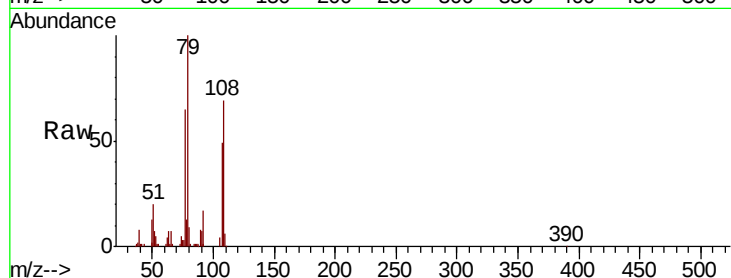
ClientSampleId :

PB128809BS

Tot Ion:	79	Resp:	164608
Ion	Ratio	Lower	Upper
79	100		
108	69.5	52.7	79.1
77	64.8	51.3	76.9

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#16

2,2'-oxybis(1-chloropropane)

Concen: 32.660 ng

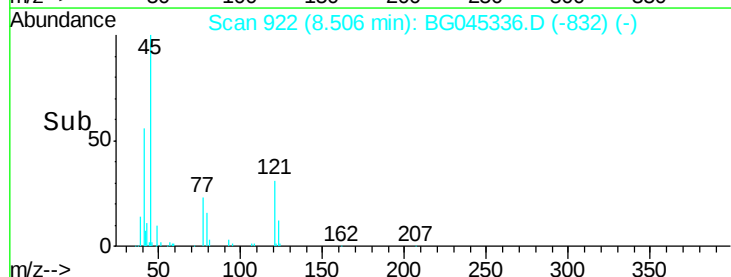
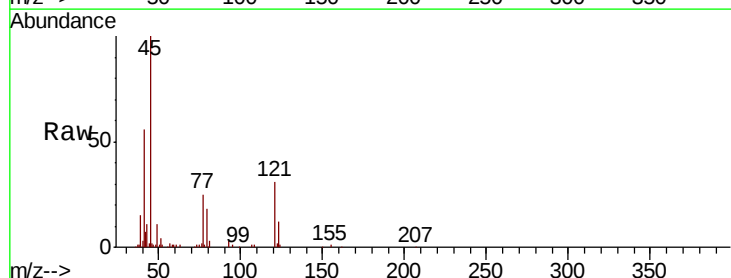
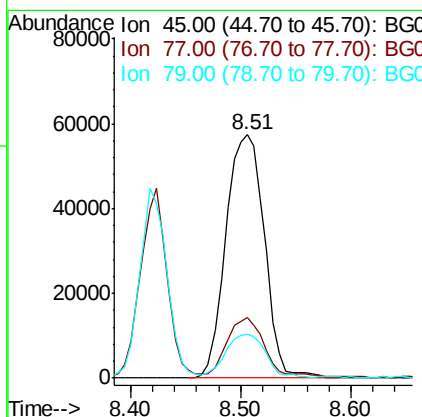
RT: 8.51 min Scan# 922

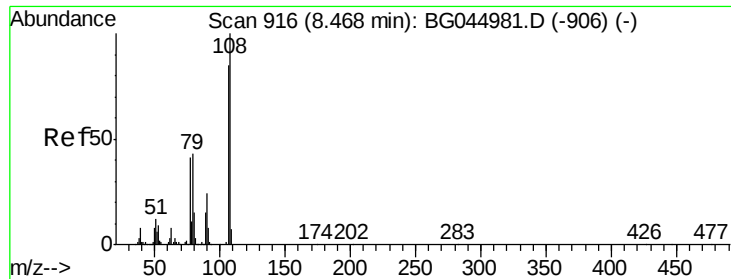
Delta R.T. -0.00 min

Lab File: BG045336.D

Acq: 12 May 2020 19:46

Tgt Ion:	45	Resp:	139994
Ion	Ratio	Lower	Upper
45	100		
77	25.0	1.9	41.9
79	17.9	0.0	35.5





#17

2-Methylphenol

Concen: 34.079 ng

RT: 8.42 min Scan# 908

Delta R.T. 0.00 min

Lab File: BG045336.D

Acq: 12 May 2020 19:46

Instrument :

BNA_G

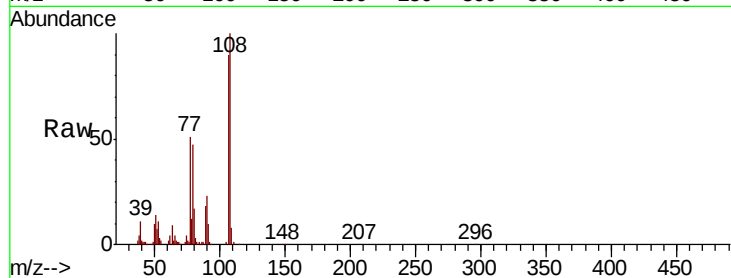
ClientSampleId :

PB128809BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	110.9	93.8	140.6	
77	56.3	38.5	57.7	
79	51.7	40.1	60.1	

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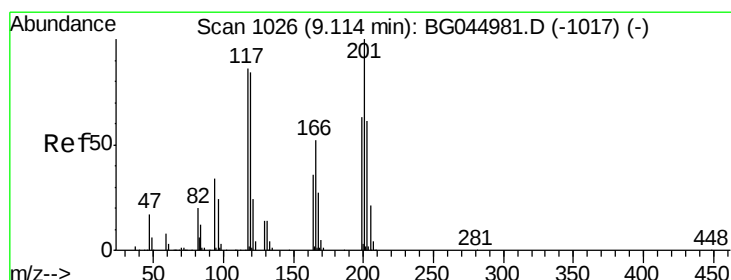
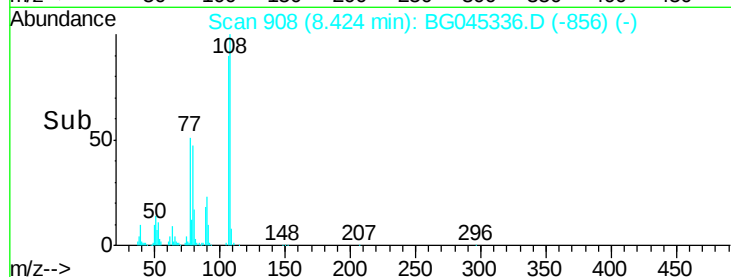
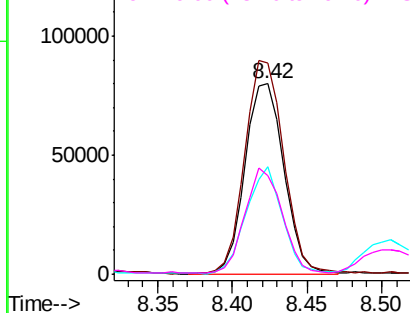
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 38.684 ng

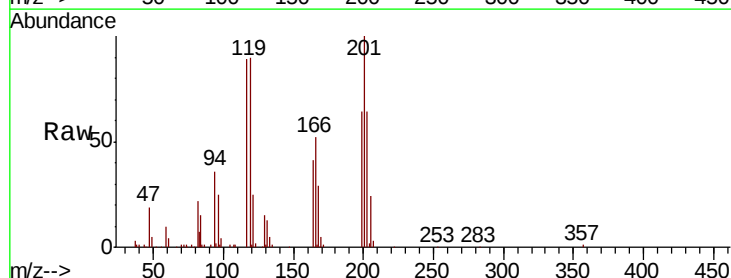
RT: 9.06 min Scan# 1017

Delta R.T. 0.00 min

Lab File: BG045336.D

Acq: 12 May 2020 19:46

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	101.1	78.3	117.5	
201	112.7	92.9	139.3	

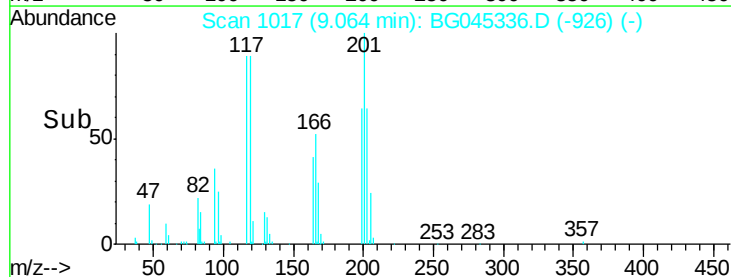
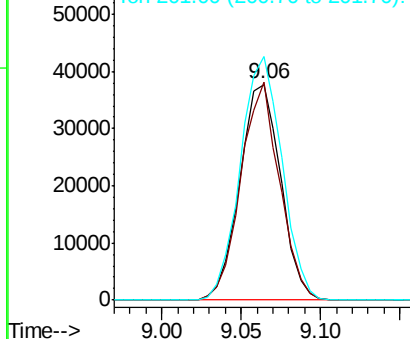


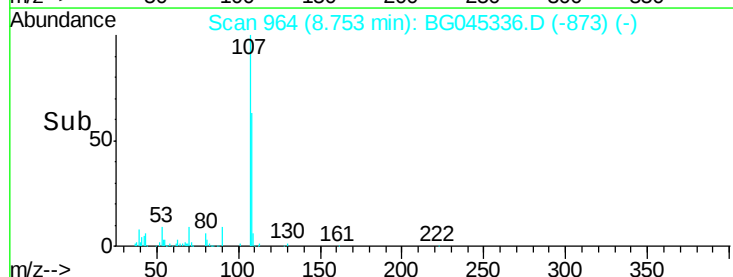
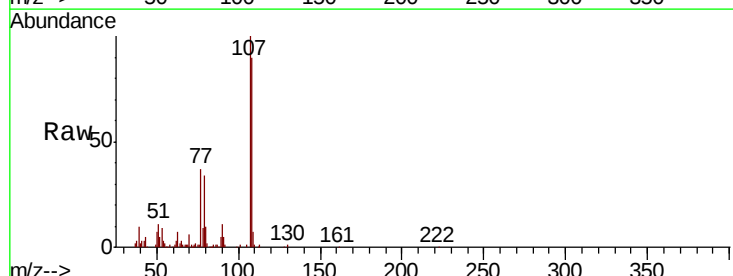
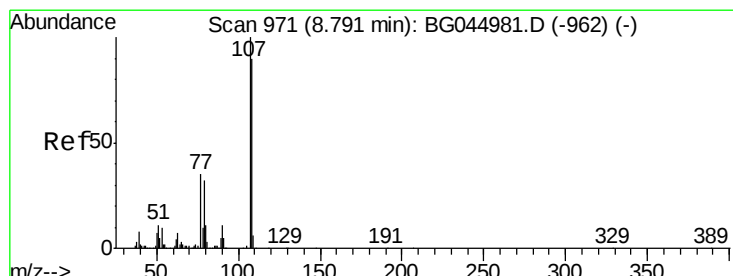
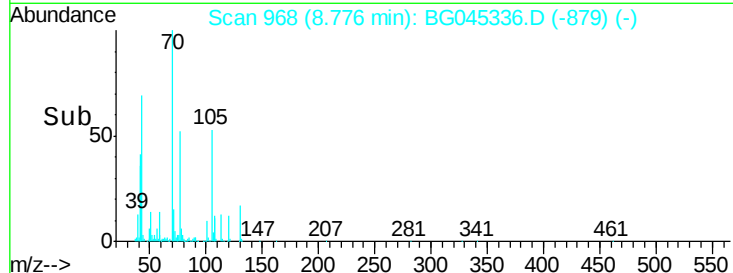
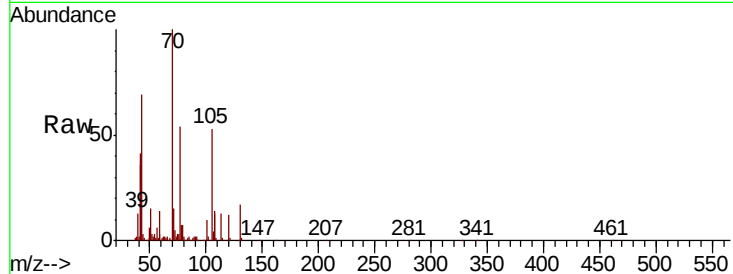
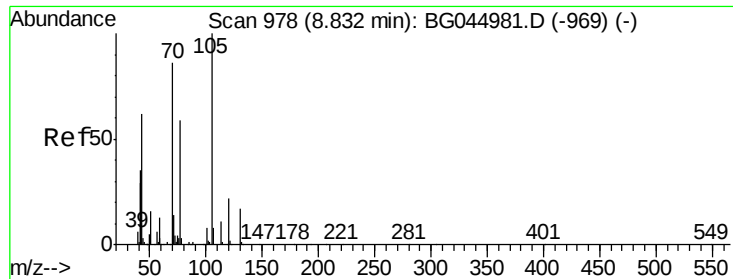
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

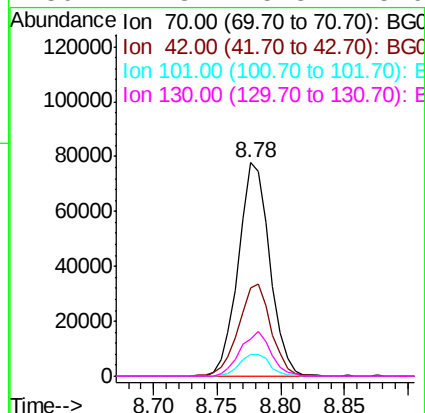
Ion 201.00 (200.70 to 201.70): E





#19
n-Nitroso-di-n-propylamine
Concen: 34.410 ng
RT: 8.78 min Scan# 968
Delta R.T. -0.01 min
Lab File: BG045336.D
Acq: 12 May 2020 19:46

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	41.3	33.3	49.9		
101	10.0	7.8	11.8		
130	17.3	15.8	23.6		



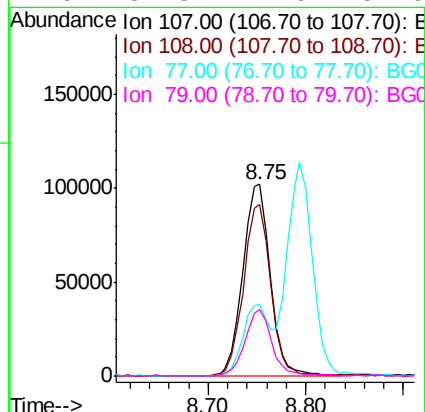
Instrument :
BNA_G
ClientSampleId :
PB128809BS

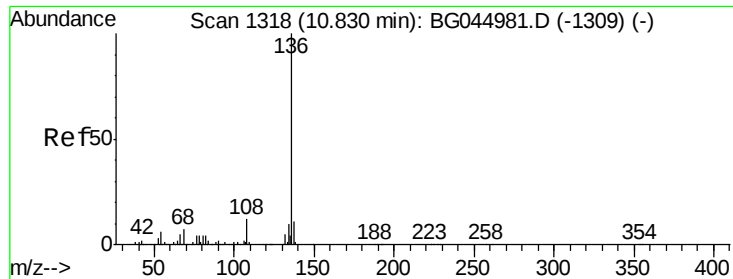
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#20
3+4-Methylphenols
Concen: 34.018 ng
RT: 8.75 min Scan# 964
Delta R.T. 0.00 min
Lab File: BG045336.D
Acq: 12 May 2020 19:46

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	89.6	69.9	109.9		
77	37.1	15.2	55.2		
79	34.5	11.6	51.6		





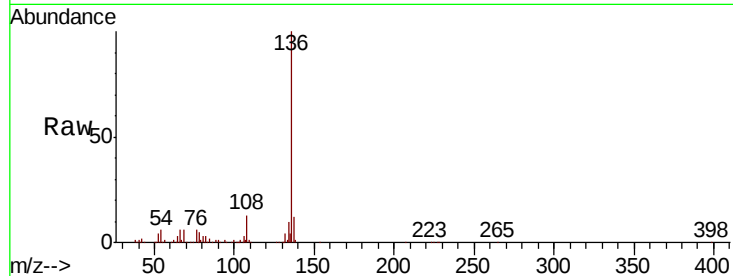
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.79 min Scan# 1310
Delta R.T. -0.00 min
Lab File: BG045336.D
Acq: 12 May 2020 19:46

Instrument :
BNA_G
ClientSampleId :
PB128809BS

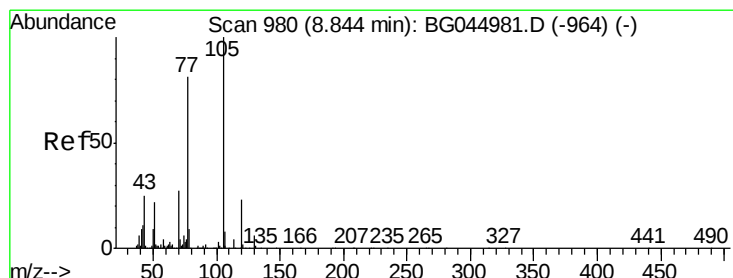
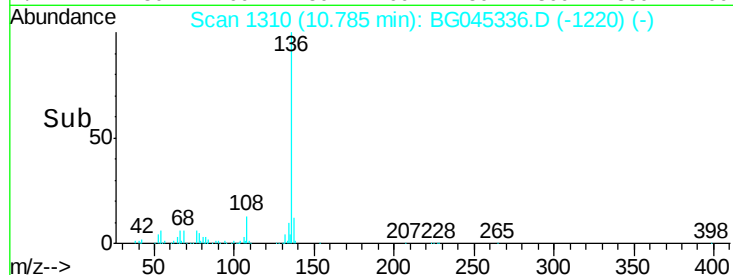
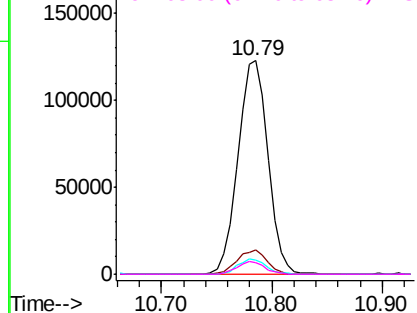
Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		234298		
137	11.5		8.6	13.0	
54	6.4		4.8	7.2	
68	5.5		5.2	7.8	

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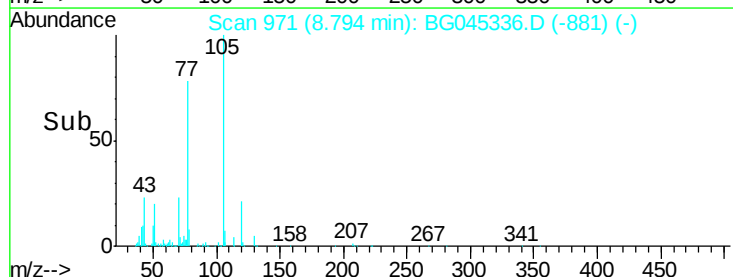
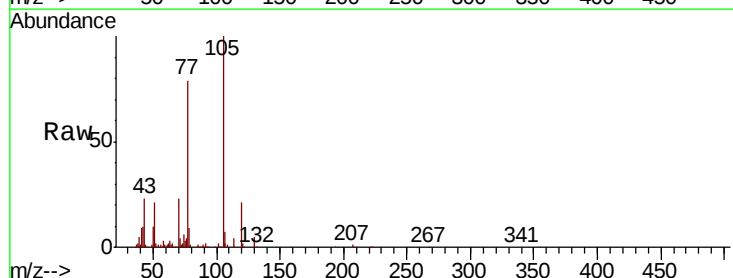
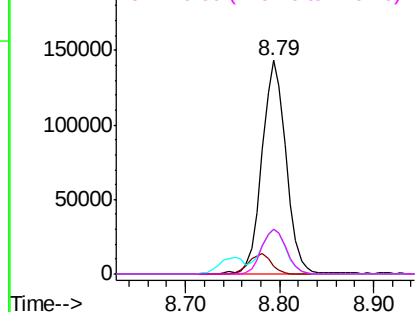
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

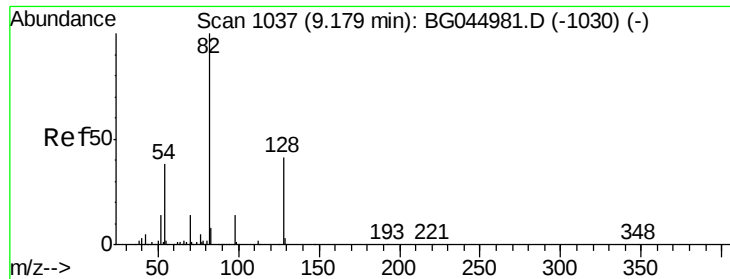


#22
Acetophenone
Concen: 40.038 ng
RT: 8.79 min Scan# 971
Delta R.T. -0.00 min
Lab File: BG045336.D
Acq: 12 May 2020 19:46

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		253683		
71	3.7		3.3	4.9	
51	20.7		17.3	25.9	
120	21.2		18.4	27.6	

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





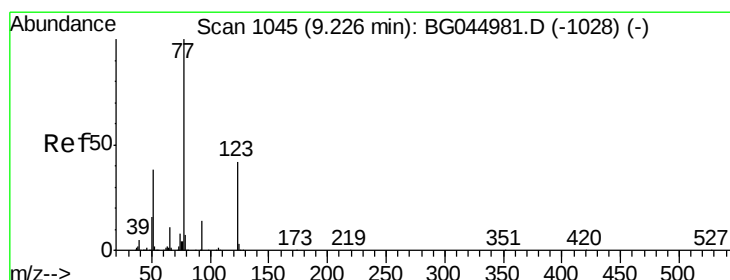
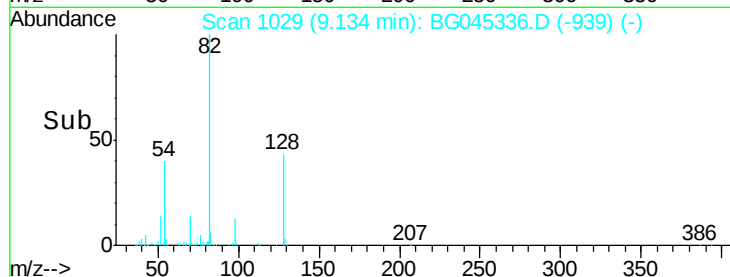
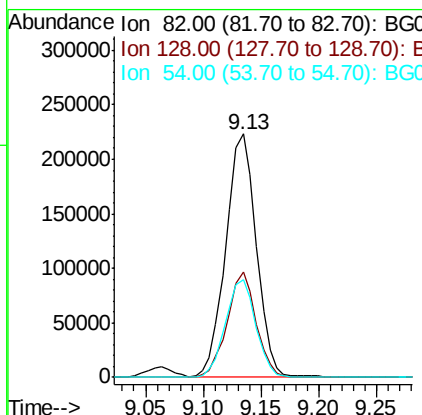
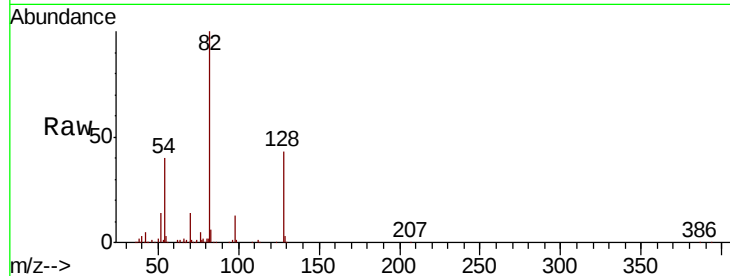
#23
Nitrobenzene-d5
Concen: 79.633 ng
RT: 9.13 min Scan# 1029
Delta R.T. -0.00 min
Lab File: BG045336.D
Acq: 12 May 2020 19:46

Instrument :
BNA_G
ClientSampleId :
PB128809BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	43.3	33.0	49.4
54	40.4	30.4	45.6

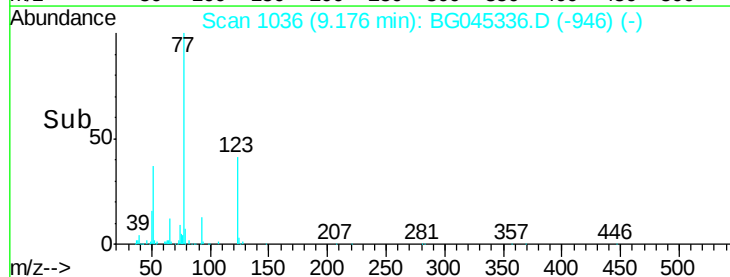
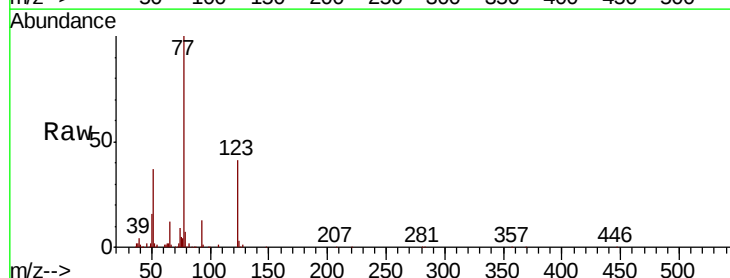
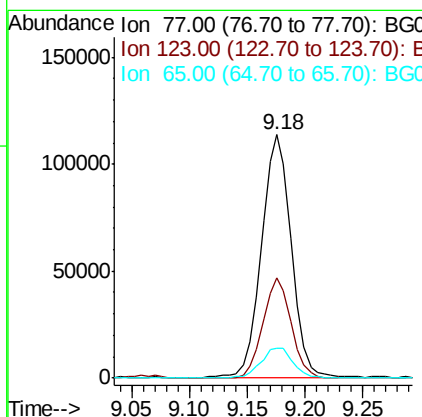
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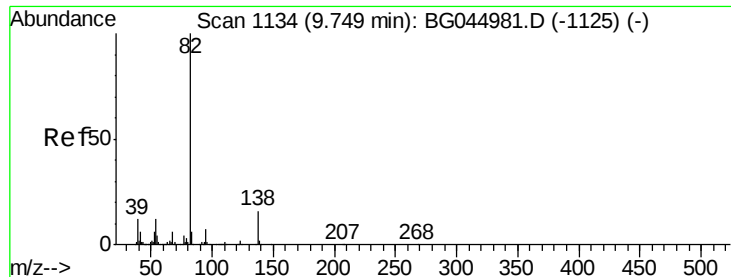
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#24
Nitrobenzene
Concen: 38.898 ng
RT: 9.18 min Scan# 1036
Delta R.T. -0.00 min
Lab File: BG045336.D
Acq: 12 May 2020 19:46

Tgt Ion	Ratio	Lower	Upper
77	100		
123	41.2	34.3	51.5
65	12.4	8.9	13.3





#25

Isophorone

Concen: 36.443 ng

RT: 9.70 min Scan# 1125

Delta R.T. -0.00 min

Lab File: BG045336.D

Acq: 12 May 2020 19:46

Instrument :

BNA_G

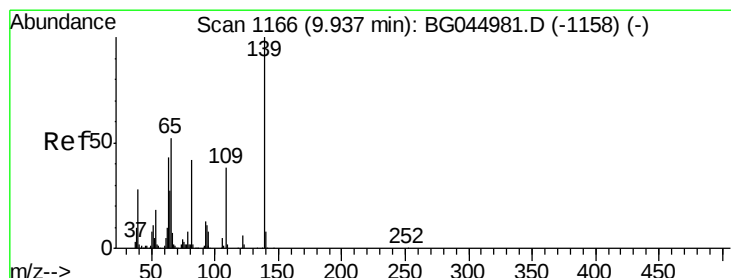
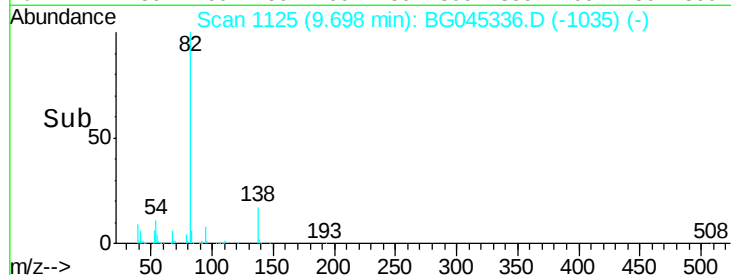
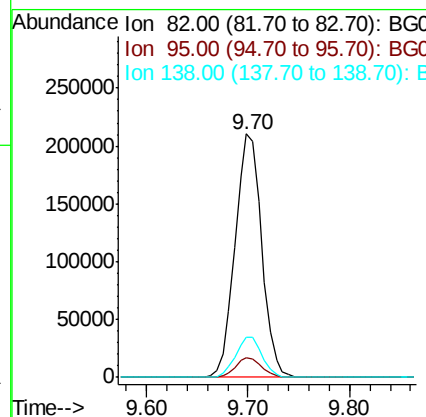
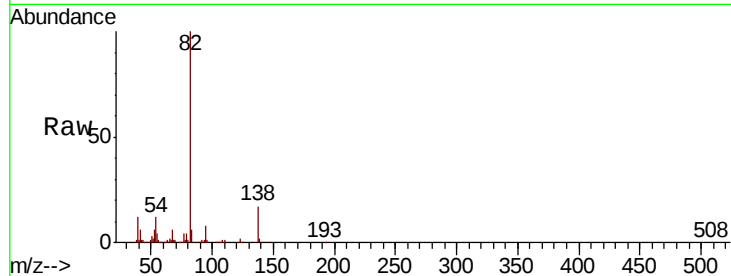
ClientSampled :

PB128809BS

Tot Ion:	82	Resp:	383216
Ion Ratio	Lower	Upper	
82	100		
95	7.8	6.0	9.0
138	16.6	12.7	19.1

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#26

2-Nitrophenol

Concen: 41.589 ng

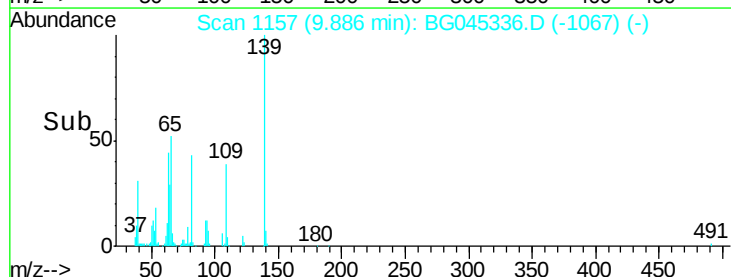
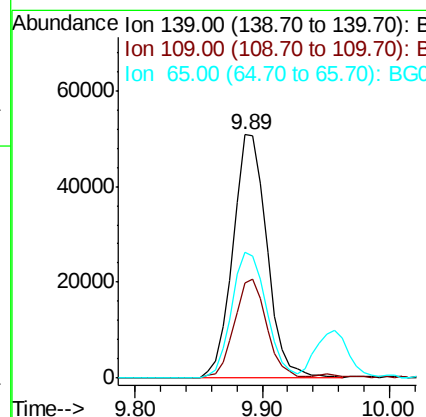
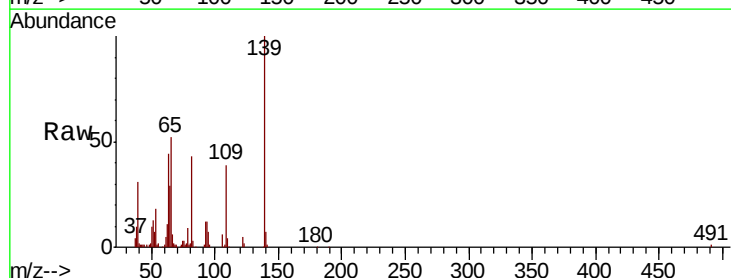
RT: 9.89 min Scan# 1157

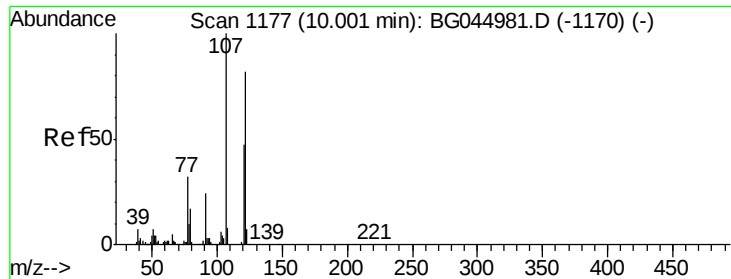
Delta R.T. -0.00 min

Lab File: BG045336.D

Acq: 12 May 2020 19:46

Tgt Ion:	139	Resp:	94291
Ion Ratio	Lower	Upper	
139	100		
109	39.3	30.6	45.8
65	51.6	41.8	62.6





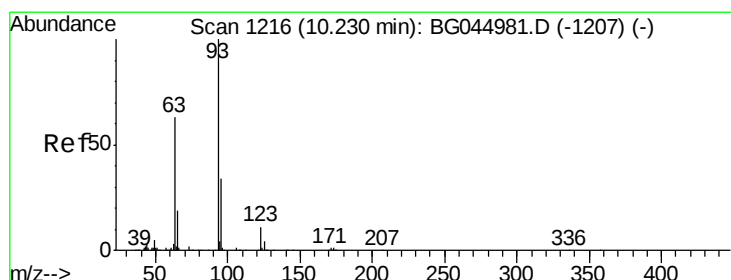
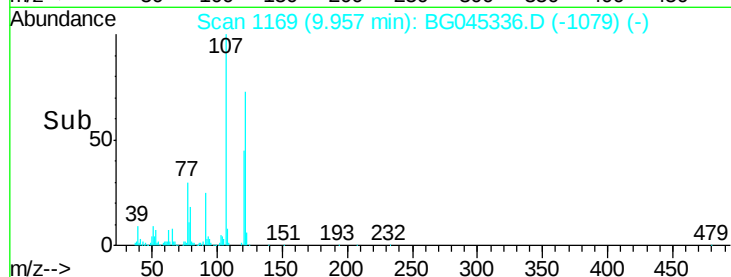
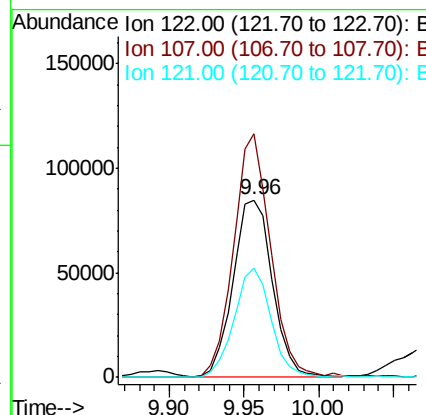
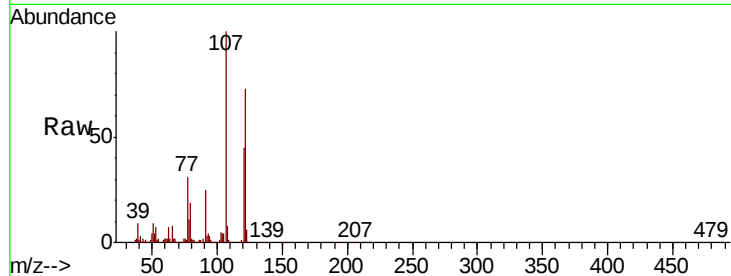
#27
 2,4-Dimethylphenol
 Concen: 42.792 ng
 RT: 9.96 min Scan# 1169
 Delta R.T. -0.00 min
 Lab File: BG045336.D
 Acq: 12 May 2020 19:46

Instrument :
 BNA_G
 ClientSampleId :
 PB128809BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	153941		
107	137.1	96.8	145.2	
121	61.7	45.6	68.4	

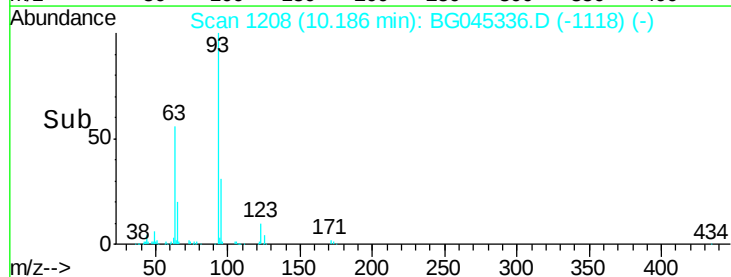
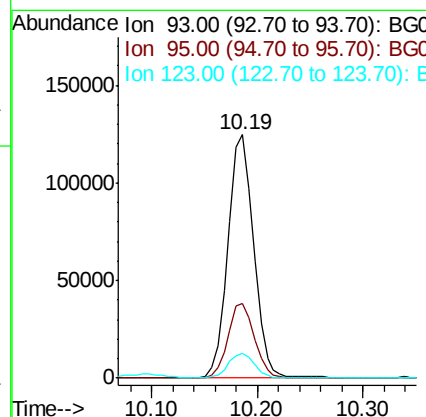
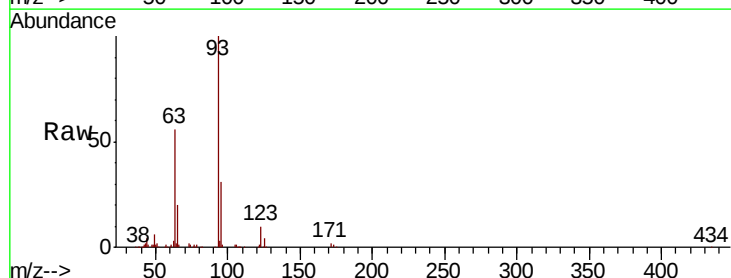
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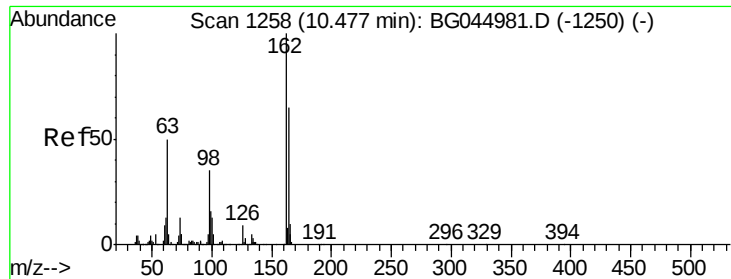
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#28
 bis(2-Chloroethoxy)methane
 Concen: 38.284 ng
 RT: 10.19 min Scan# 1208
 Delta R.T. -0.00 min
 Lab File: BG045336.D
 Acq: 12 May 2020 19:46

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	211520		
95	30.9	27.0	40.4	
123	10.4	8.7	13.1	





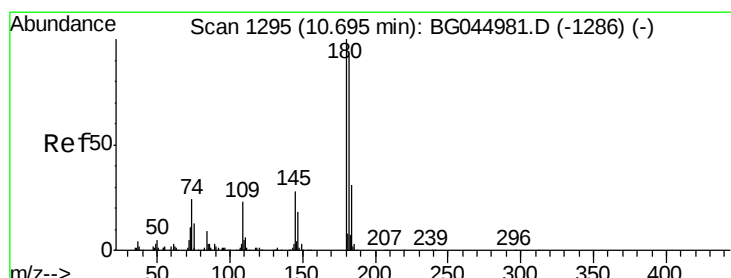
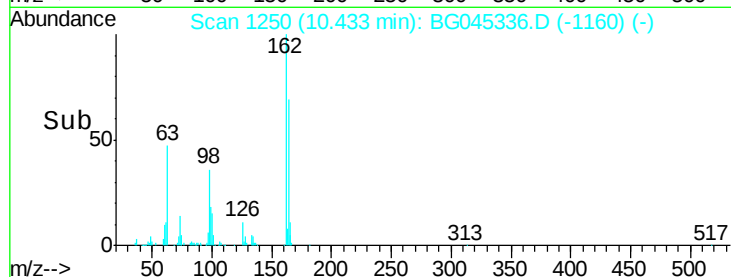
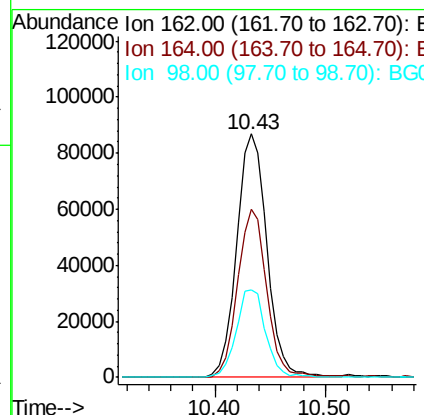
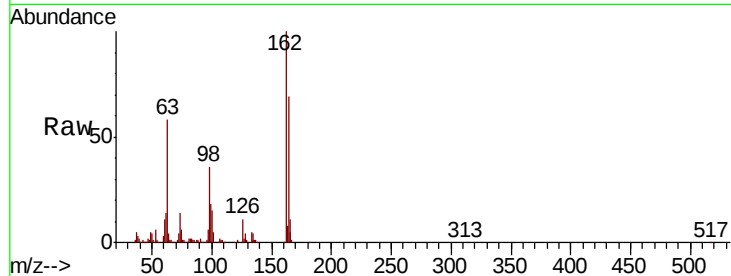
#29
 2,4-Dichlorophenol
 Concen: 40.321 ng
 RT: 10.43 min Scan# 1250
 Delta R.T. -0.00 min
 Lab File: BG045336.D
 Acq: 12 May 2020 19:46

Instrument :
 BNA_G
 ClientSampleId :
 PB128809BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100		167490		
164	69.3	45.0	85.0		
98	35.8	15.2	55.2		

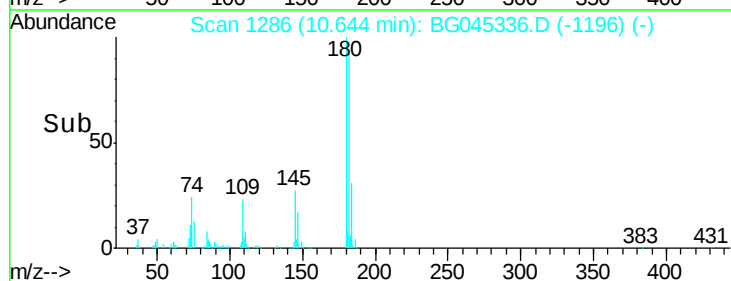
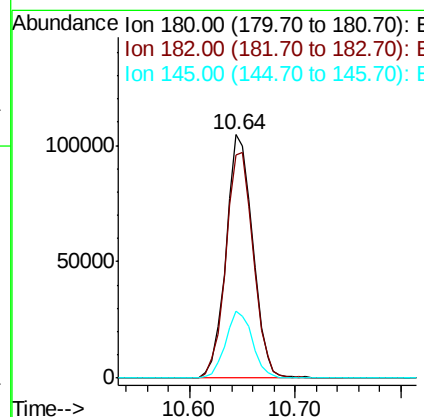
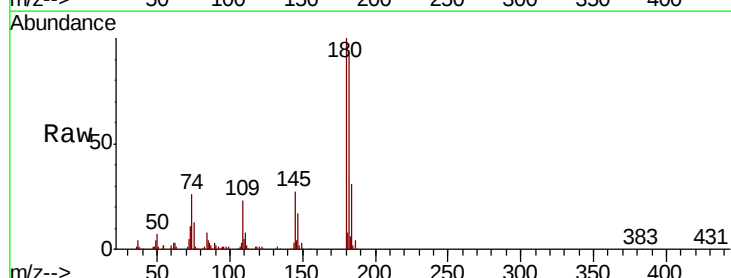
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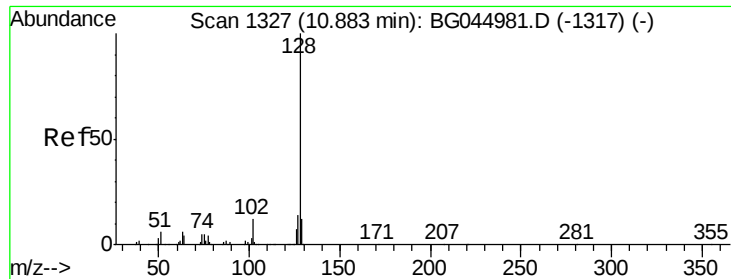
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#30
 1,2,4-Trichlorobenzene
 Concen: 38.969 ng
 RT: 10.64 min Scan# 1286
 Delta R.T. -0.00 min
 Lab File: BG045336.D
 Acq: 12 May 2020 19:46

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
180	100		183274		
182	91.9	73.3	109.9		
145	27.3	22.6	33.8		





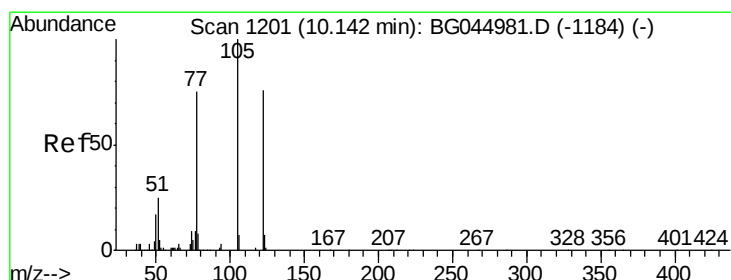
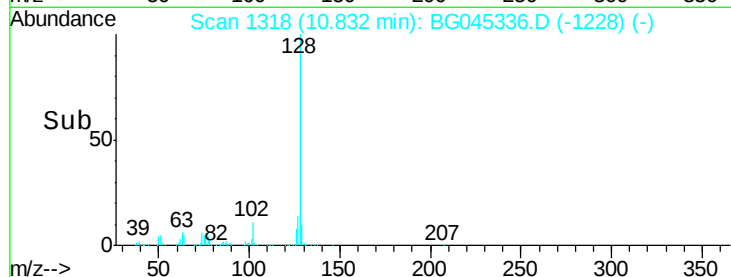
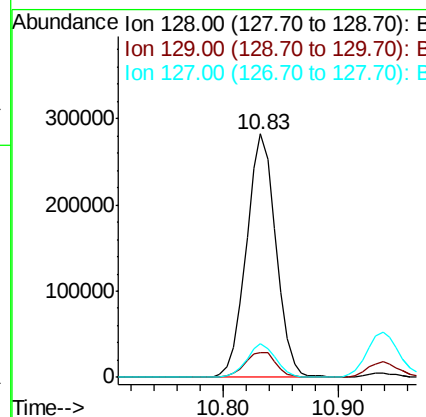
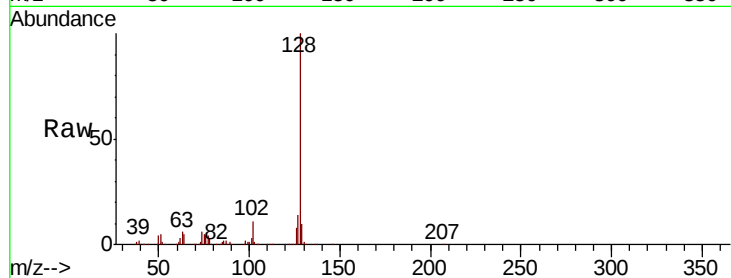
#31
Naphthalene
Concen: 39.123 ng
RT: 10.83 min Scan# 1318
Delta R.T. -0.00 min
Lab File: BG045336.D
Acq: 12 May 2020 19:46

Instrument :
BNA_G
ClientSampleId :
PB128809BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.0	9.4	14.2
127	13.6	10.8	16.2

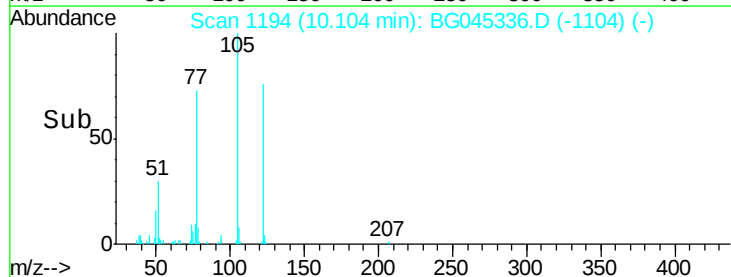
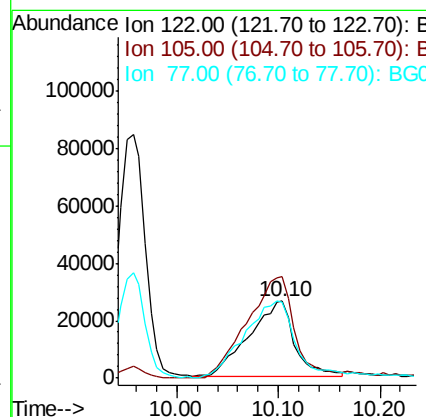
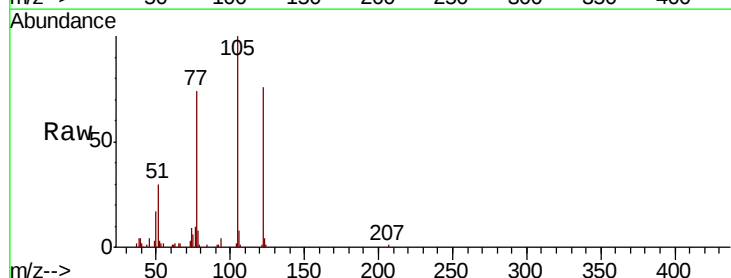
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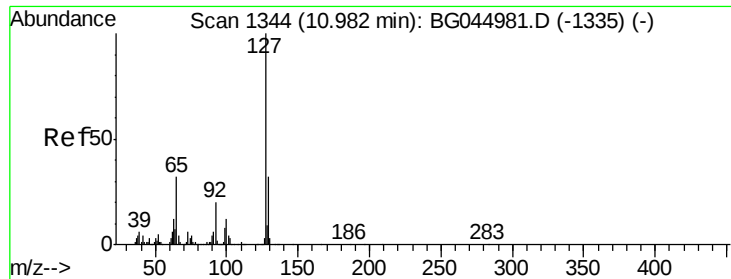
mohammad
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#32
Benzoic acid
Concen: 30.451 ng
RT: 10.10 min Scan# 1194
Delta R.T. -0.00 min
Lab File: BG045336.D
Acq: 12 May 2020 19:46

Tgt Ion	Ratio	Lower	Upper
122	100		
105	132.4	108.4	148.4
77	98.0	78.8	118.8





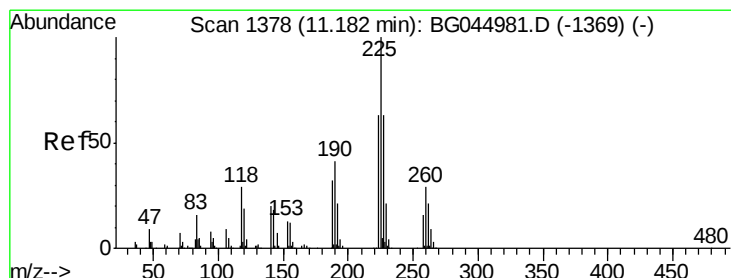
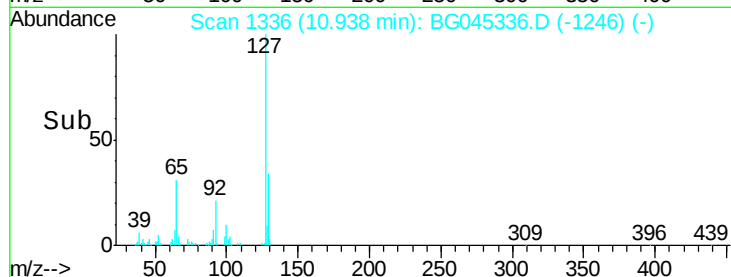
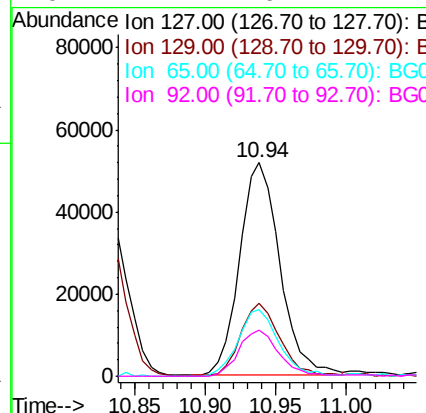
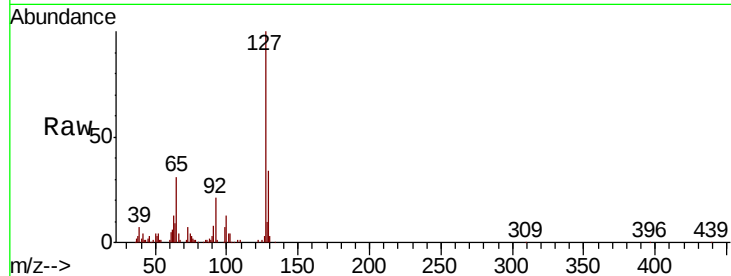
#33
4-Chloroaniline
Concen: 17.298 ng
RT: 10.94 min Scan# 1336
Delta R.T. -0.00 min
Lab File: BG045336.D
Acq: 12 May 2020 19:46

Instrument :
BNA_G
ClientSampleId :
PB128809BS

Tot Ion	Ratio	Lower	Upper
127	100		
129	34.1	25.7	38.5
65	31.0	25.4	38.2
92	21.4	16.1	24.1

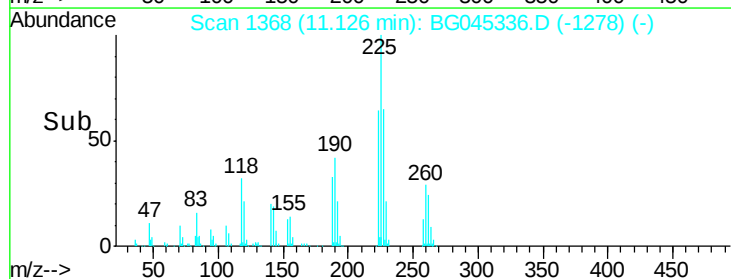
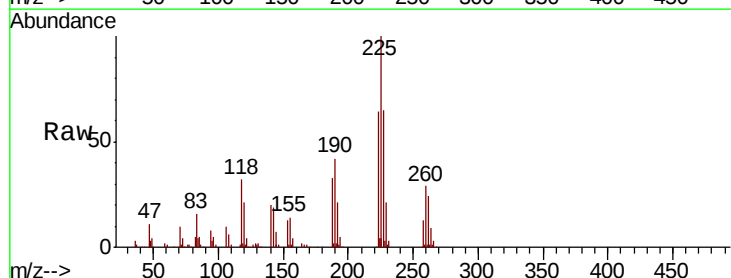
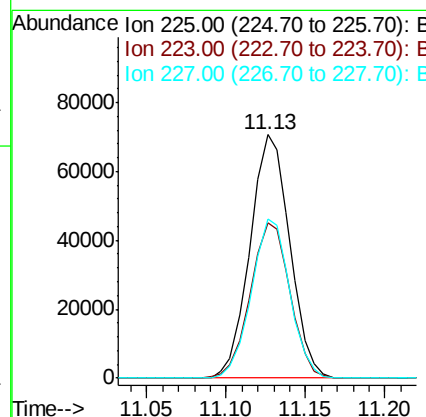
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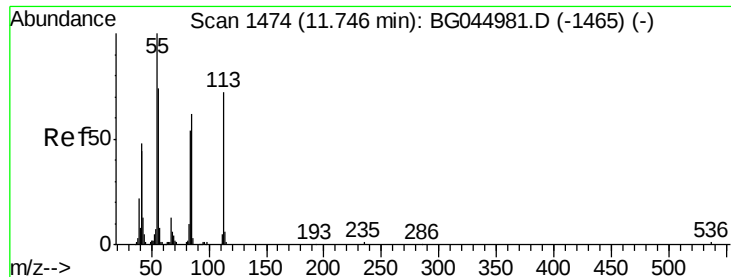
mohammad
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#34
Hexachlorobutadiene
Concen: 38.104 ng
RT: 11.13 min Scan# 1368
Delta R.T. -0.00 min
Lab File: BG045336.D
Acq: 12 May 2020 19:46

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.0	50.7	76.1
227	65.4	50.2	75.2





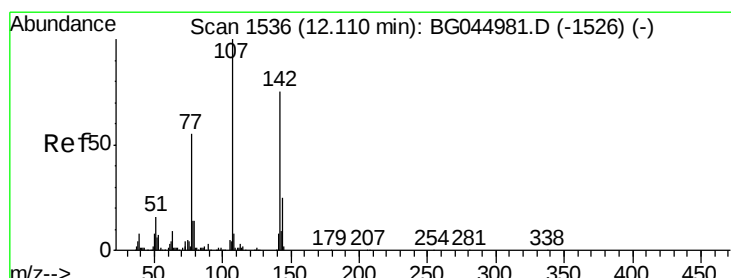
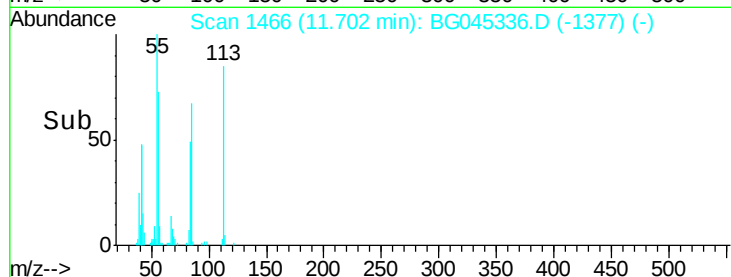
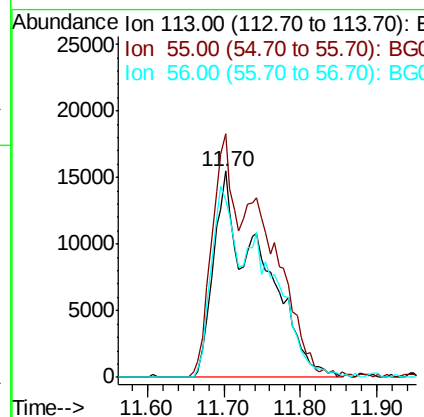
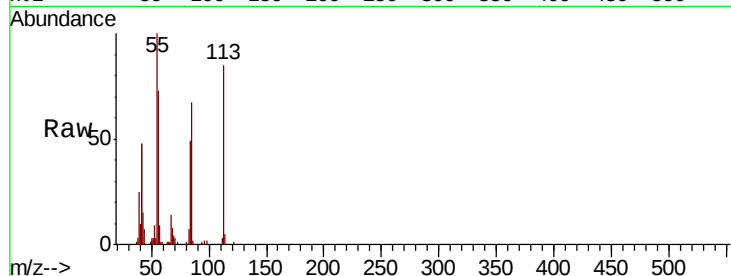
#35
 Caprolactam
 Concen: 40.081 ng/ml
 RT: 11.70 min Scan# 1466
 Delta R.T. -0.01 min
 Lab File: BG045336.D
 Acq: 12 May 2020 19:46

Instrument :
 BNA_G
 ClientSampleId :
 PB128809BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	118.2	118.8	158.8#
56	86.0	82.6	122.6

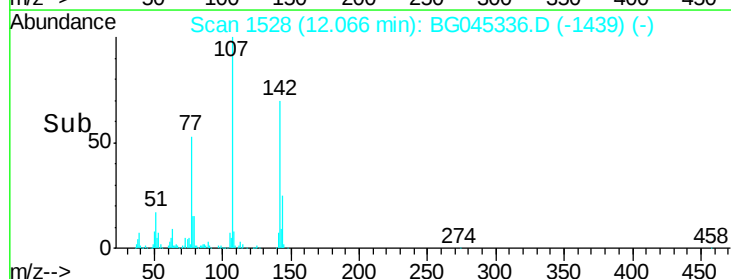
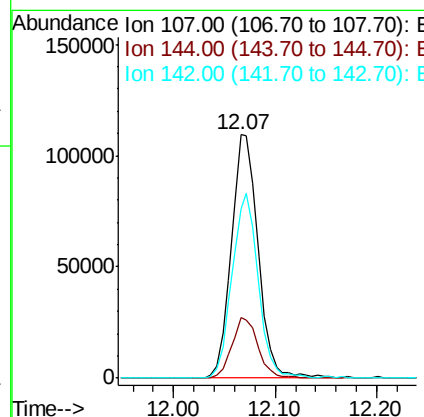
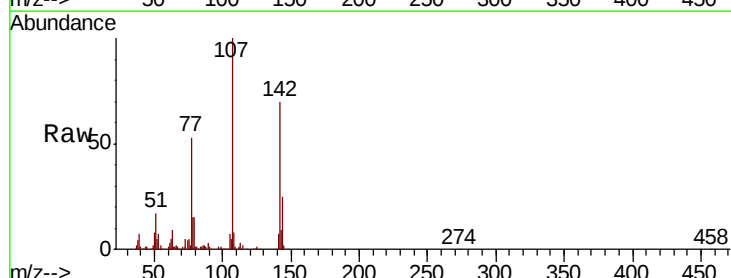
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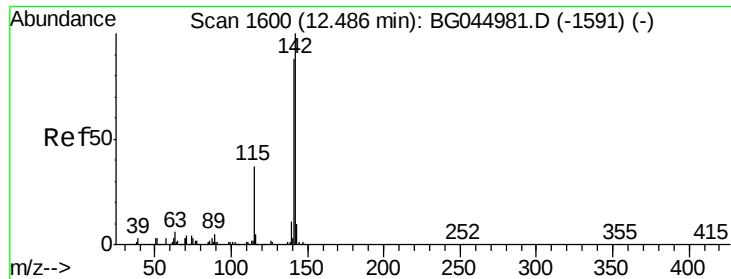
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#36
 4-Chloro-3-methylphenol
 Concen: 41.123 ng/ml
 RT: 12.07 min Scan# 1528
 Delta R.T. -0.01 min
 Lab File: BG045336.D
 Acq: 12 May 2020 19:46

Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.8	19.8	29.6
142	69.7	59.7	89.5





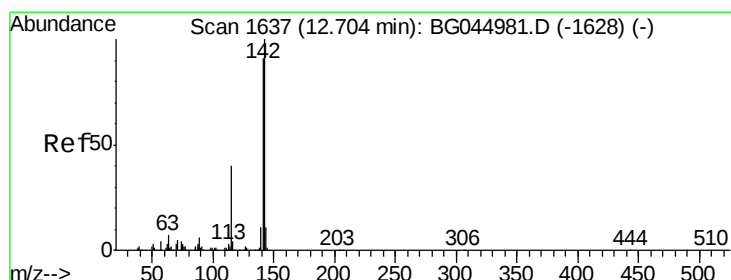
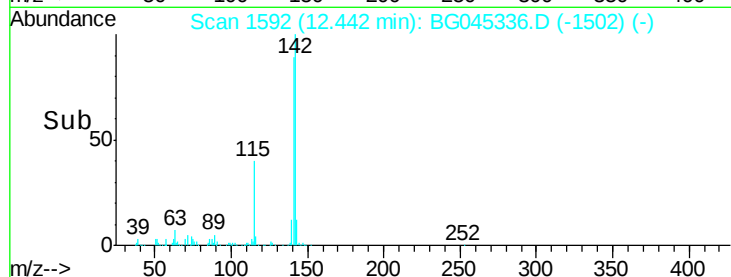
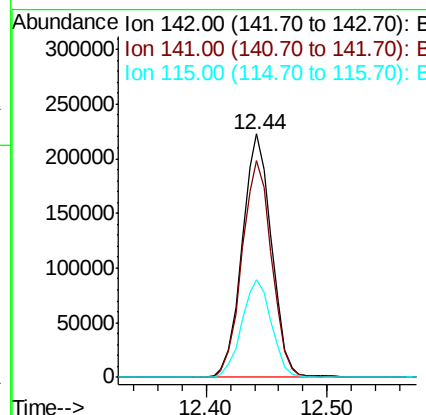
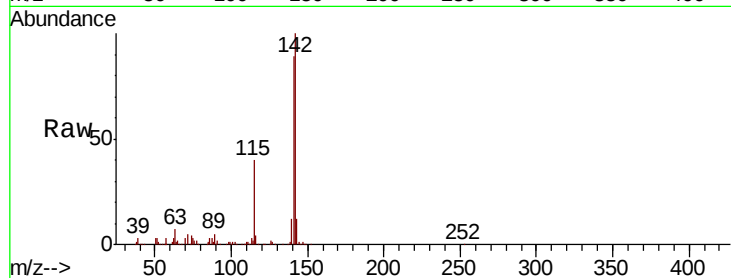
#37
 2-Methylnaphthalene
 Concen: 37.980 ng
 RT: 12.44 min Scan# 1592
 Delta R.T. -0.00 min
 Lab File: BG045336.D
 Acq: 12 May 2020 19:46

Instrument :
 BNA_G
 ClientSampleId :
 PB128809BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.3	70.3	105.5
115	40.4	29.8	44.6

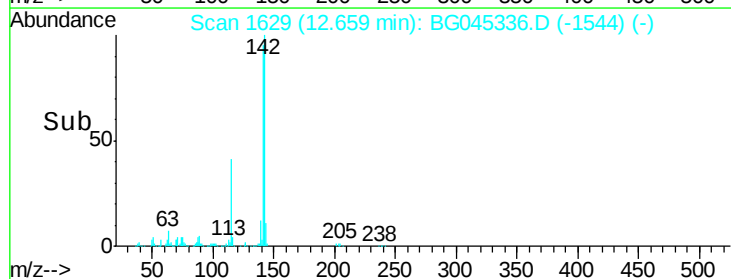
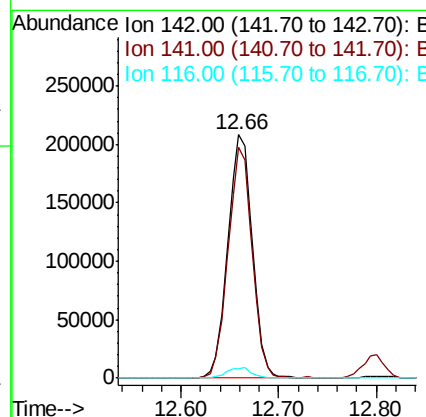
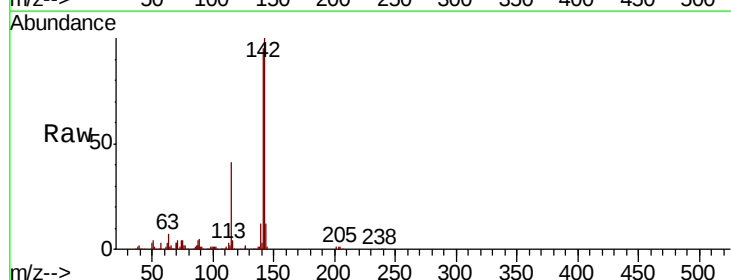
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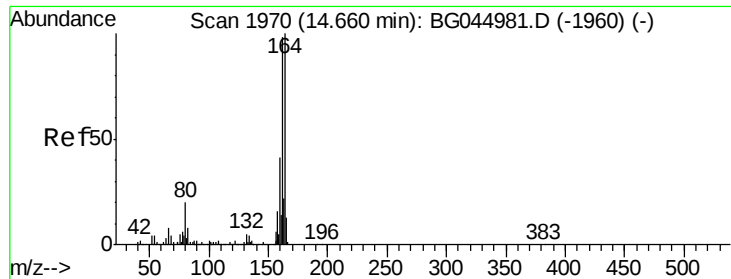
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#38
 1-Methylnaphthalene
 Concen: 38.306 ng
 RT: 12.66 min Scan# 1629
 Delta R.T. -0.00 min
 Lab File: BG045336.D
 Acq: 12 May 2020 19:46

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.6	72.7	109.1
116	4.1	3.1	4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.62 min Scan# 1963

Delta R.T. -0.00 min

Lab File: BG045336.D

Acq: 12 May 2020 19:46

Instrument :

BNA_G

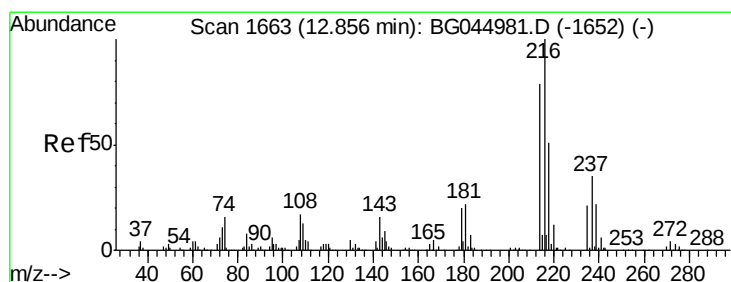
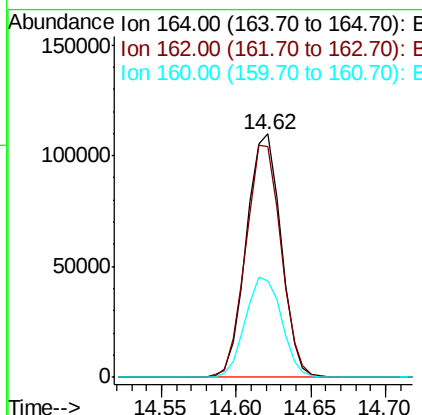
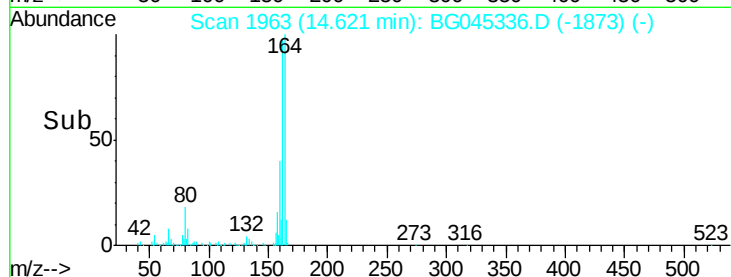
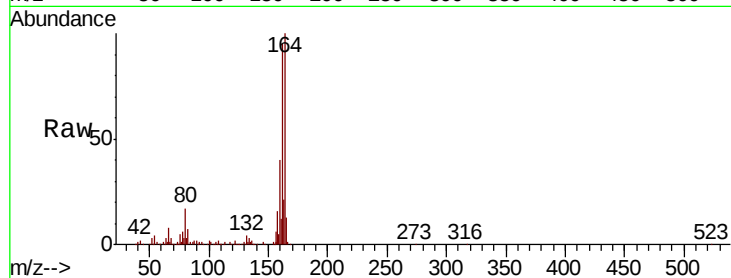
ClientSampleId :

PB128809BS

Tot Ion:	164	Resp:	175950
Ion Ratio	Lower	Upper	
164	100		
162	94.6	78.7	118.1
160	39.7	32.8	49.2

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 37.384 ng

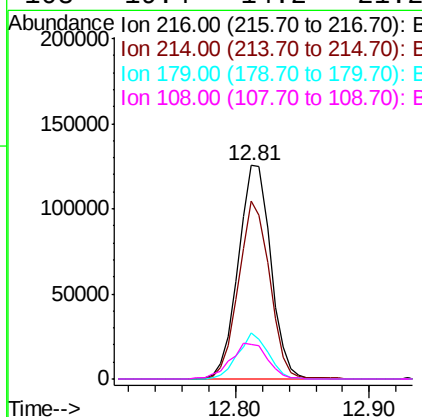
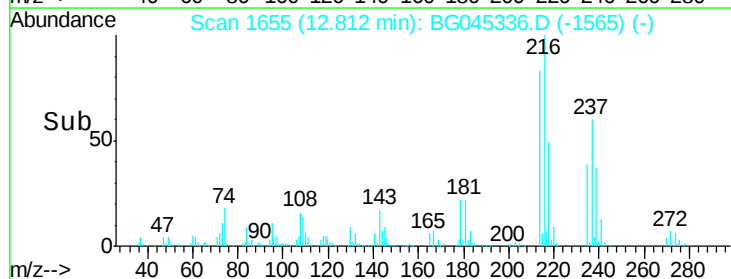
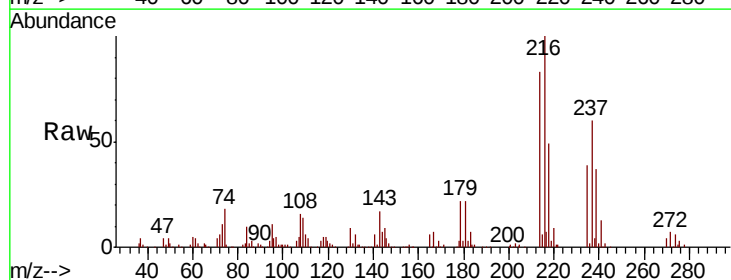
RT: 12.81 min Scan# 1655

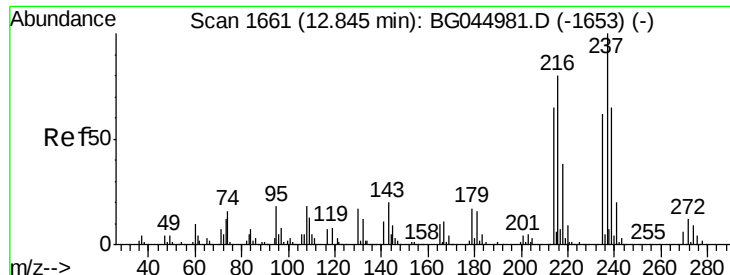
Delta R.T. -0.00 min

Lab File: BG045336.D

Acq: 12 May 2020 19:46

Tgt Ion:	216	Resp:	211783
Ion Ratio	Lower	Upper	
216	100		
214	79.5	63.0	94.6
179	20.0	15.8	23.8
108	19.4	14.2	21.2





#41

Hexachlorocyclopentadiene

Concen: 81.936 ng

RT: 12.80 min Scan# 1653

Delta R.T. 0.00 min

Lab File: BG045336.D

Acq: 12 May 2020 19:46

Instrument :

BNA_G

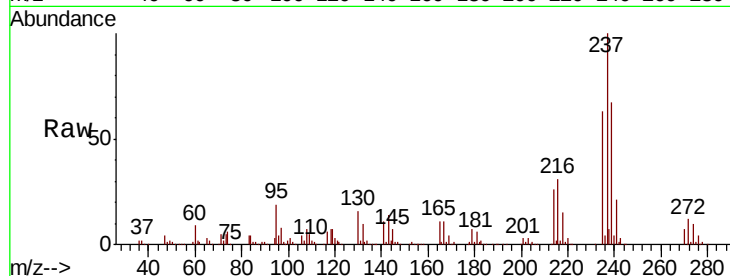
ClientSampleId :

PB128809BS

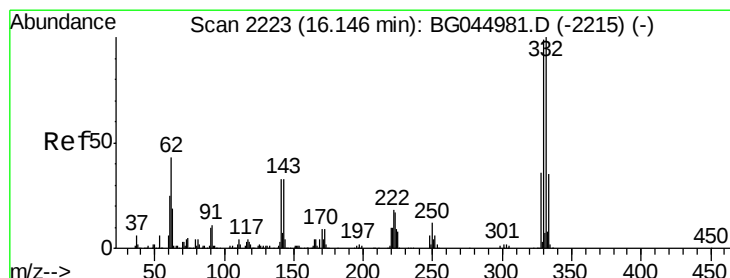
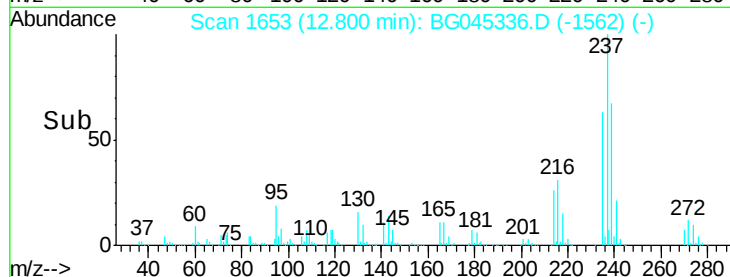
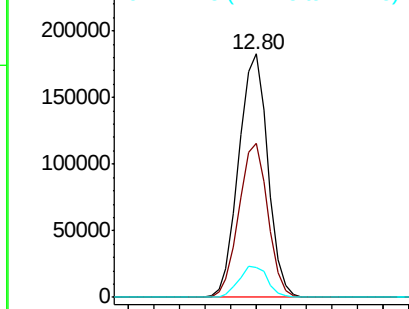
Tot Ion:	237	Resp:	290117
Ion Ratio		Lower	Upper
237	100		
235	63.4	41.6	81.6
272	12.3	0.0	32.1

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Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 118.236 ng

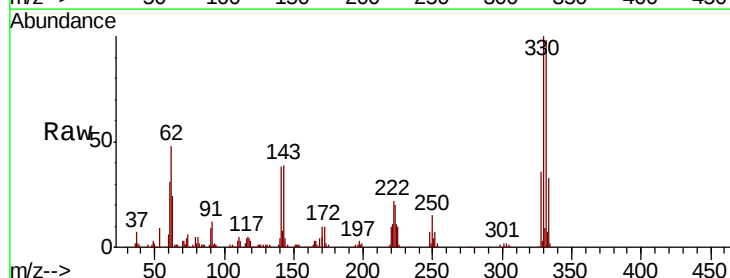
RT: 16.11 min Scan# 2216

Delta R.T. -0.00 min

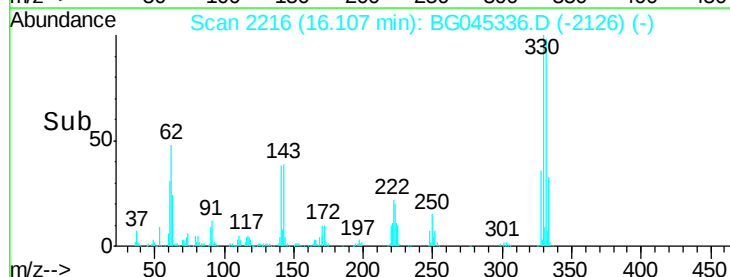
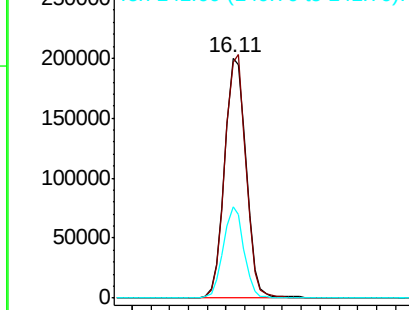
Lab File: BG045336.D

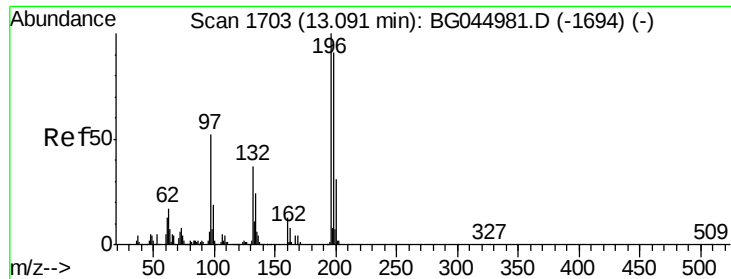
Acq: 12 May 2020 19:46

Tgt Ion:	330	Resp:	321390
Ion Ratio		Lower	Upper
330	100		
332	98.5	79.1	118.7
141	36.4	27.1	40.7



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





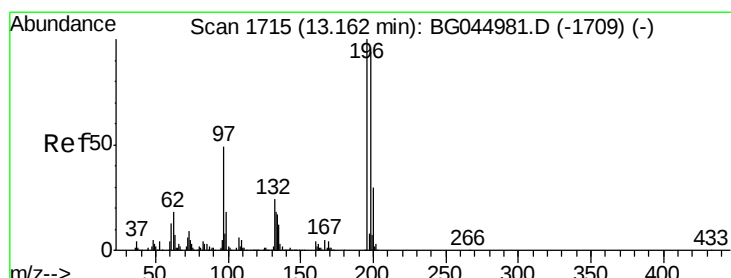
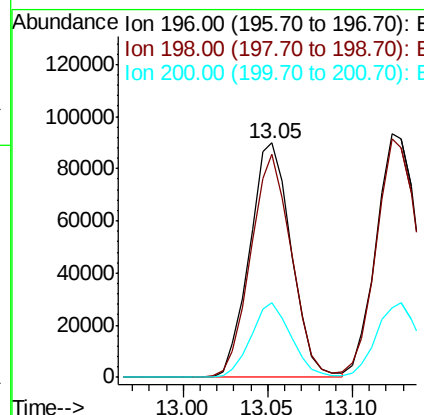
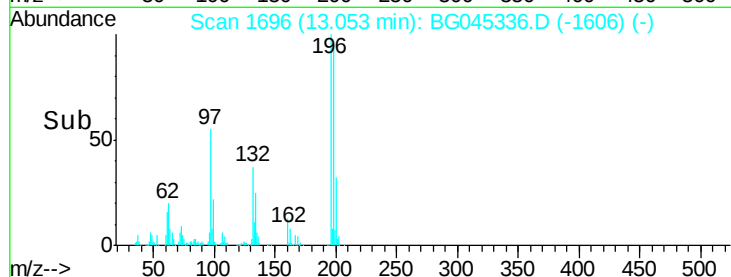
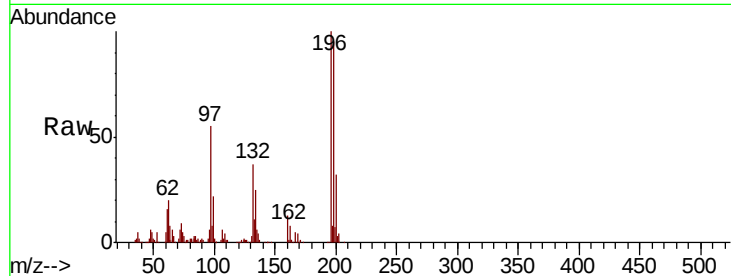
#43
 2,4,6-Trichlorophenol
 Concen: 38.511 ng
 RT: 13.05 min Scan# 1696
 Delta R.T. -0.00 min
 Lab File: BG045336.D
 Acq: 12 May 2020 19:46

Instrument :
 BNA_G
 ClientSampleId :
 PB128809BS

Tot Ion:196	Resp:	153975
Ion Ratio	Lower	Upper
196	100	
198	95.3	72.5 108.7
200	31.8	24.5 36.7

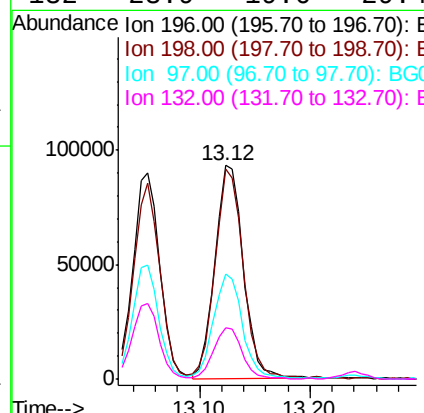
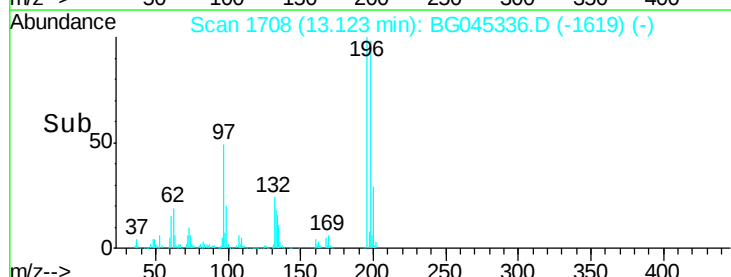
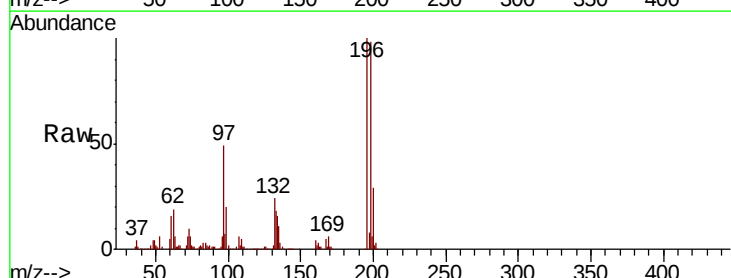
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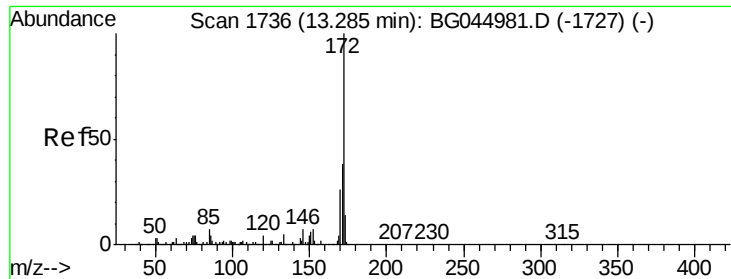
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#44
 2,4,5-Trichlorophenol
 Concen: 36.409 ng
 RT: 13.12 min Scan# 1708
 Delta R.T. -0.01 min
 Lab File: BG045336.D
 Acq: 12 May 2020 19:46

Tgt Ion:196	Resp:	165701
Ion Ratio	Lower	Upper
196	100	
198	98.2	75.7 113.5
97	49.2	39.6 59.4
132	23.9	19.6 29.4





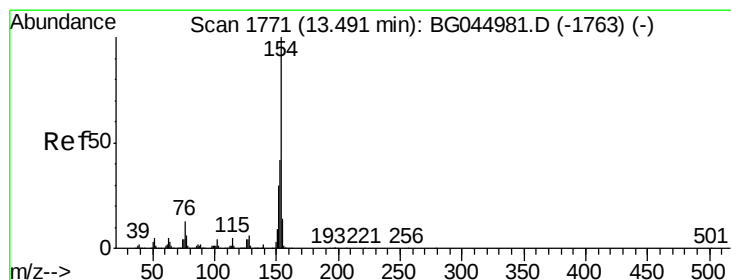
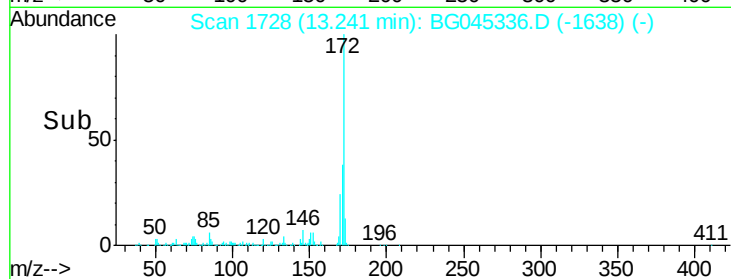
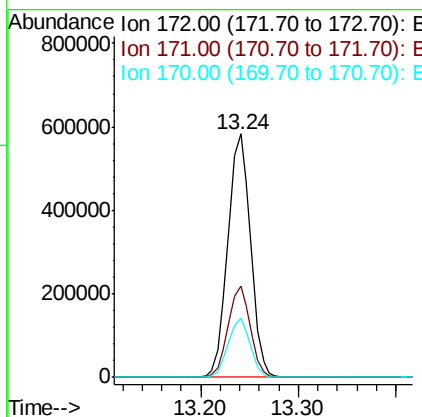
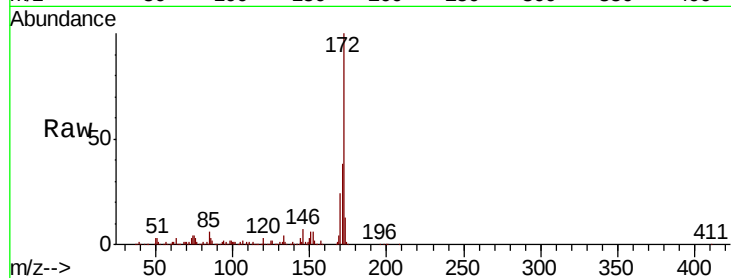
#45
2-Fluorobiphenyl
Concen: 78.458 ng
RT: 13.24 min Scan# 1728
Delta R.T. -0.00 min
Lab File: BG045336.D
Acq: 12 May 2020 19:46

Instrument :
BNA_G
ClientSampleId :
PB128809BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.6	30.6	46.0
170	24.3	20.5	30.7

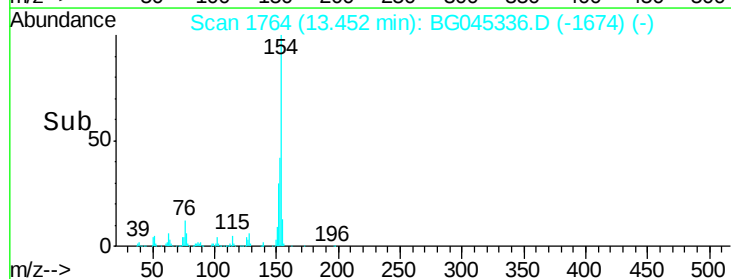
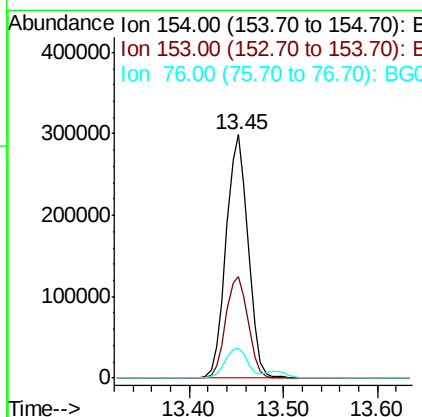
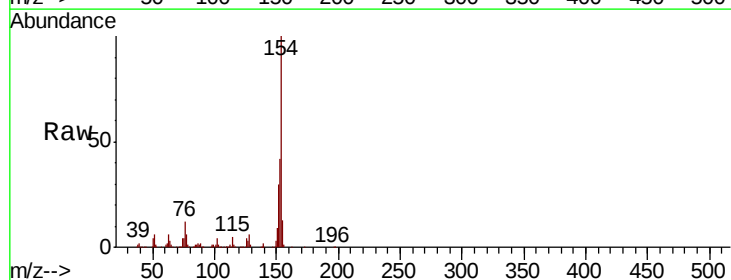
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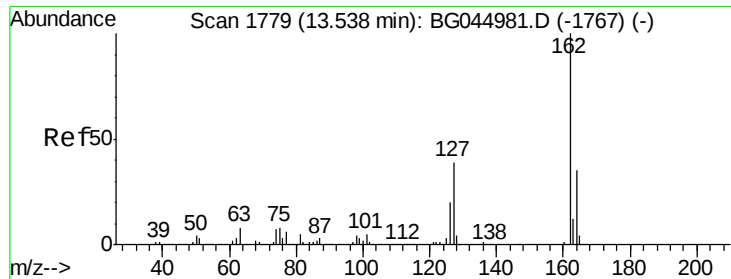
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#46
1,1'-Biphenyl
Concen: 36.285 ng
RT: 13.45 min Scan# 1764
Delta R.T. -0.00 min
Lab File: BG045336.D
Acq: 12 May 2020 19:46

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.6	21.9	61.9
76	12.1	0.0	33.1





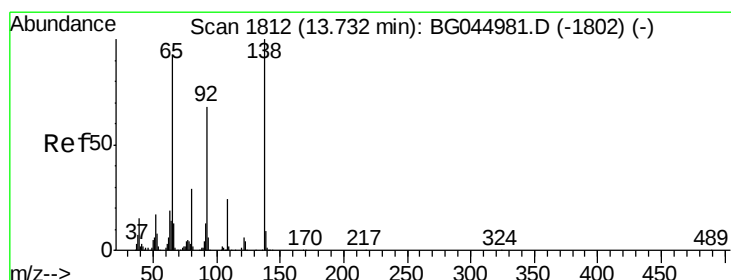
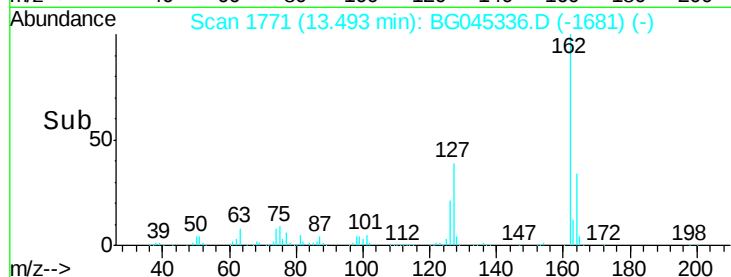
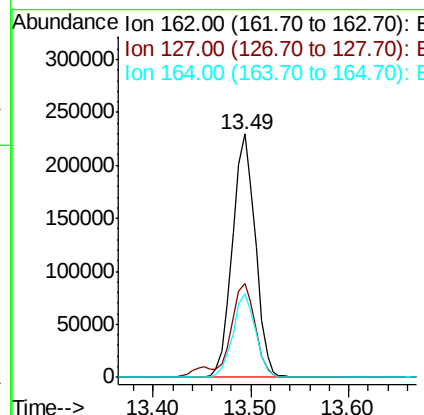
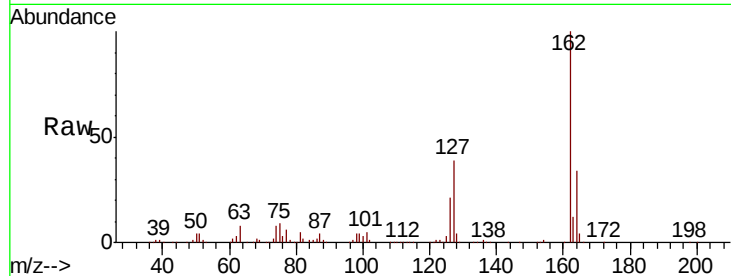
#47
2-Chloronaphthalene
Concen: 36.723 ng
RT: 13.49 min Scan# 1771
Delta R.T. -0.00 min
Lab File: BG045336.D
Acq: 12 May 2020 19:46

Instrument :
BNA_G
ClientSampleId :
PB128809BS

Tot Ion	Ratio	Resp Lower	Upper
162	100		
127	38.5	31.3	46.9
164	34.5	27.8	41.8

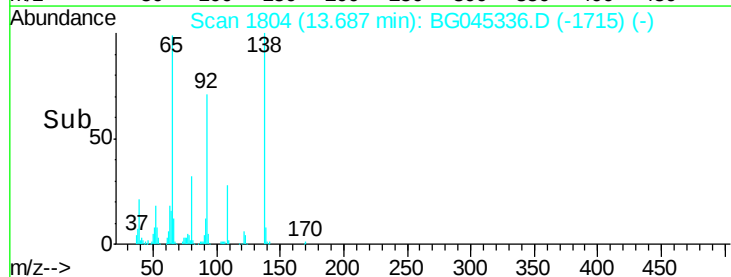
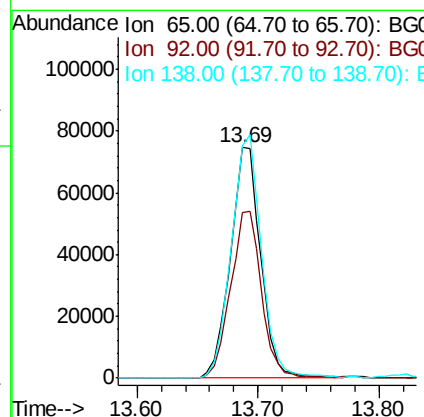
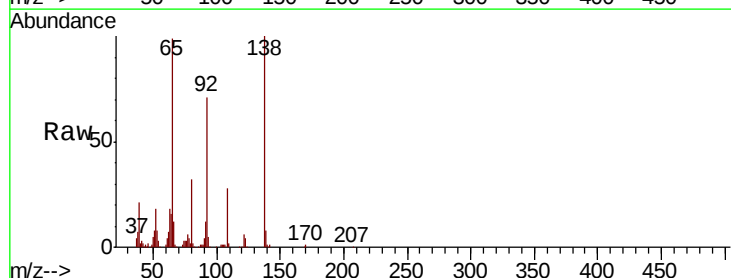
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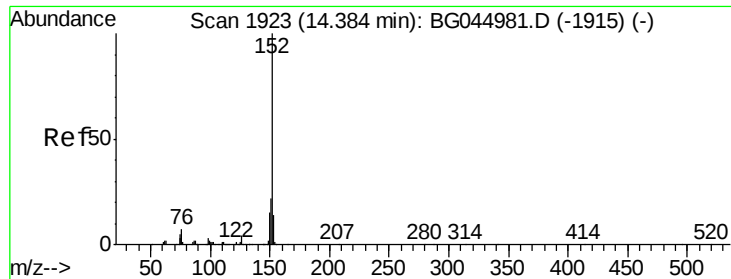
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#48
2-Nitroaniline
Concen: 38.921 ng
RT: 13.69 min Scan# 1804
Delta R.T. -0.01 min
Lab File: BG045336.D
Acq: 12 May 2020 19:46

Tgt Ion	Ratio	Resp Lower	Upper
65	100		
92	71.8	58.3	87.5
138	100.9	85.6	128.4





#49

Acenaphthylene

Concen: 38.948 ng

RT: 14.34 min Scan# 1915

Delta R.T. -0.00 min

Lab File: BG045336.D

Acq: 12 May 2020 19:46

Instrument :

BNA_G

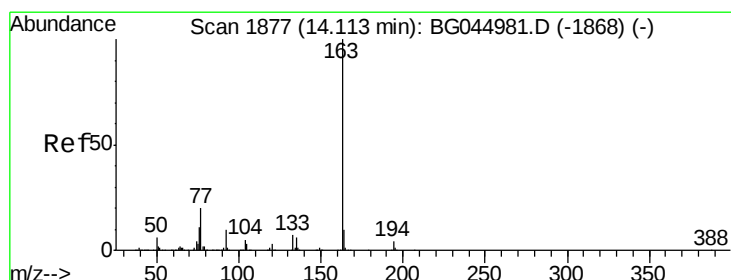
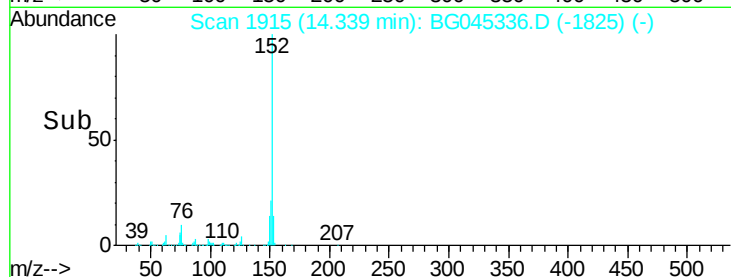
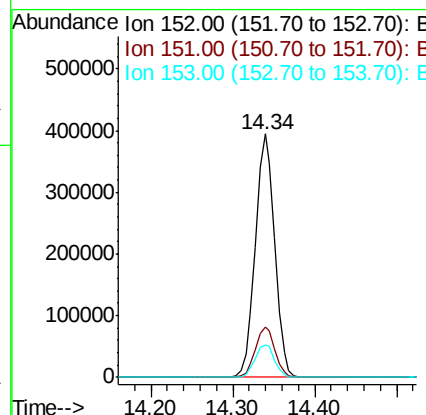
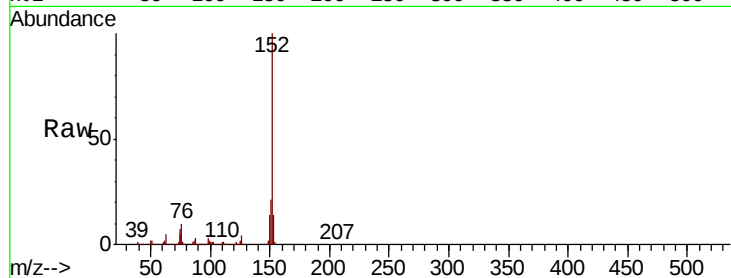
ClientSampleId :

PB128809BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
152	100		648280		
151	20.7	17.2	25.8		
153	13.5	11.0	16.4		

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#50

Dimethylphthalate

Concen: 37.736 ng

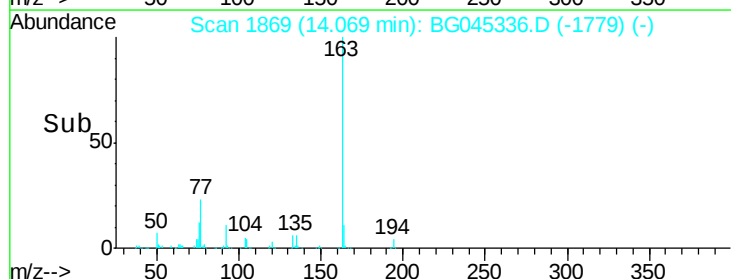
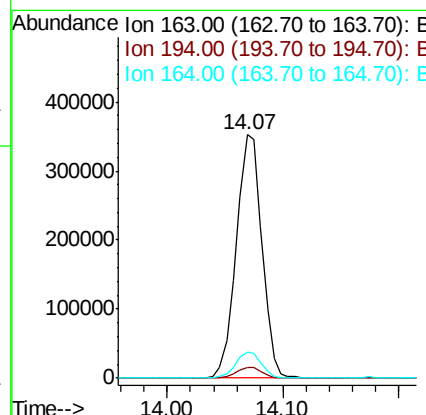
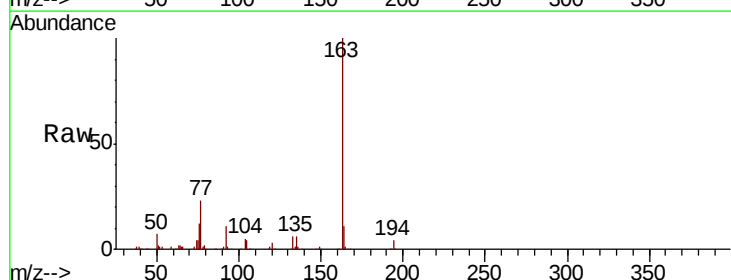
RT: 14.07 min Scan# 1869

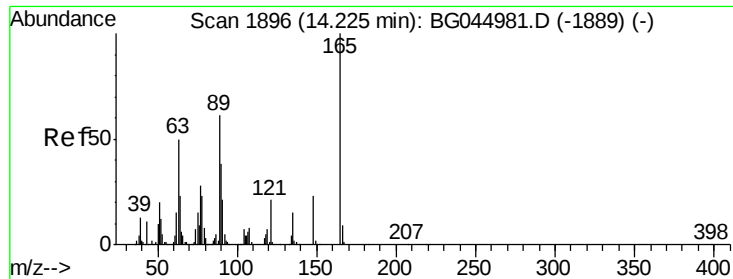
Delta R.T. -0.00 min

Lab File: BG045336.D

Acq: 12 May 2020 19:46

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
163	100		540628		
194	4.3	3.5	5.3		
164	10.7	8.2	12.4		





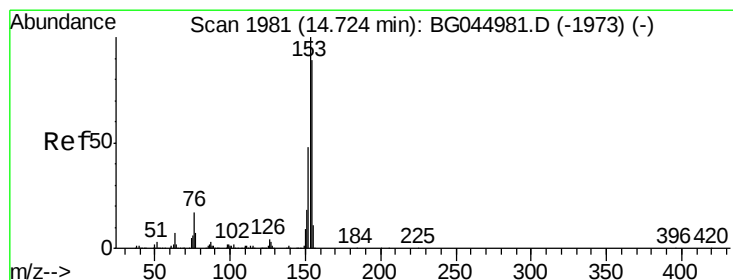
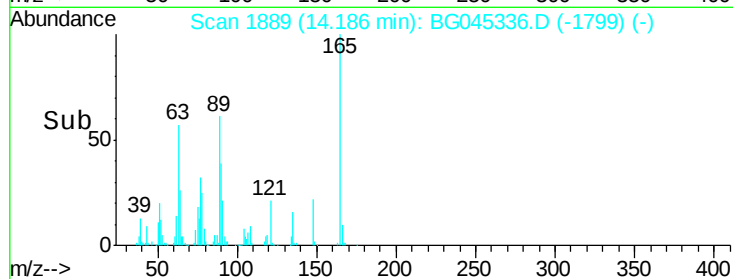
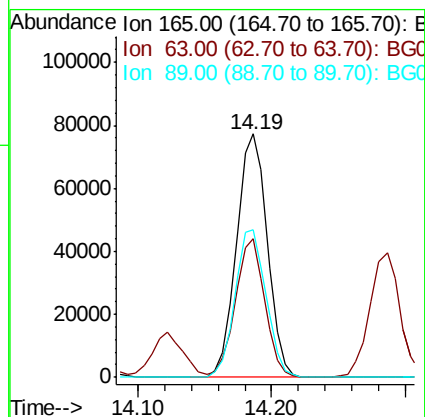
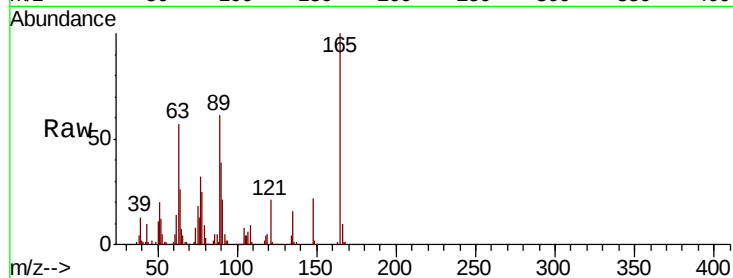
#51
2,6-Dinitrotoluene
Concen: 38.514 ng
RT: 14.19 min Scan# 1889
Delta R.T. -0.00 min
Lab File: BG045336.D
Acq: 12 May 2020 19:46

Instrument :
BNA_G
ClientSampleId :
PB128809BS

Tot Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	57.2	40.4	60.6
89	60.9	49.1	73.7

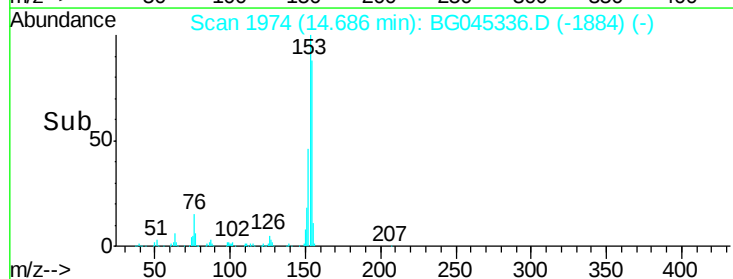
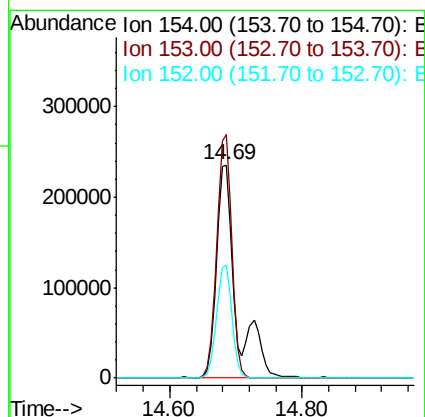
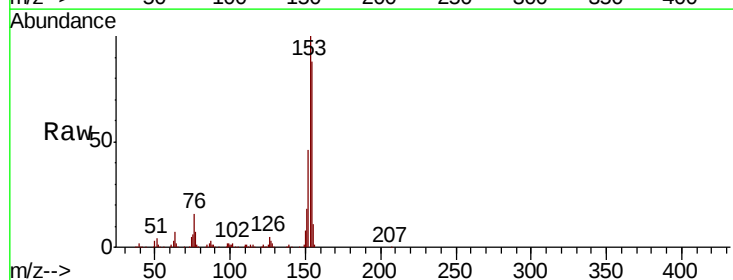
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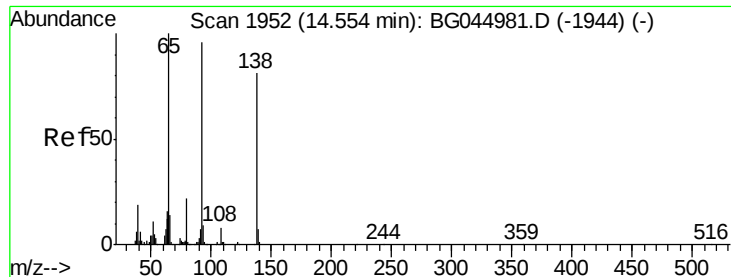
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#52
Acenaphthene
Concen: 43.390 ng m
RT: 14.69 min Scan# 1974
Delta R.T. -0.00 min
Lab File: BG045336.D
Acq: 12 May 2020 19:46

Tgt Ion	Ratio	Resp Lower	Resp Upper
154	100		
153	114.2	89.7	134.5
152	52.8	43.1	64.7





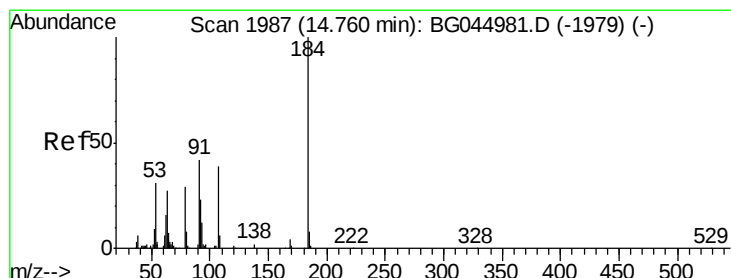
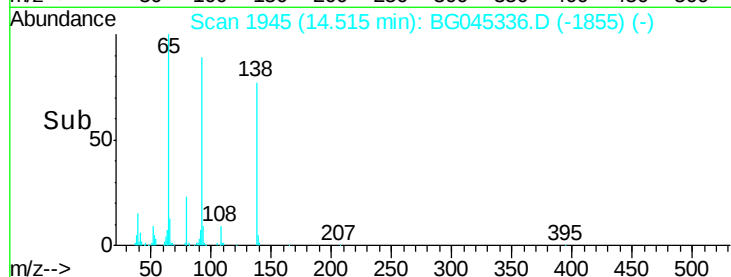
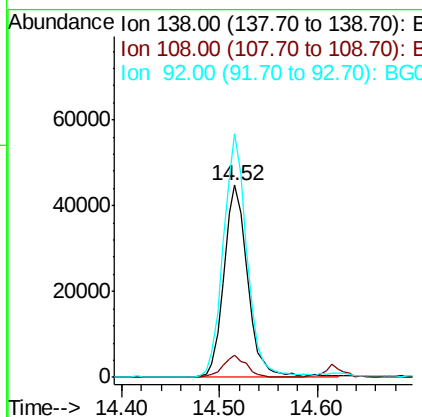
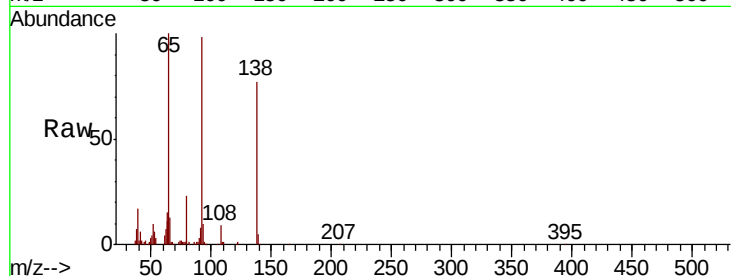
#53
3-Nitroaniline
Concen: 21.655 ng
RT: 14.52 min Scan# 1945
Delta R.T. -0.00 min
Lab File: BG045336.D
Acq: 12 May 2020 19:46

Instrument :
BNA_G
ClientSampleId :
PB128809BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.5	7.8	11.8
92	126.6	94.5	141.7

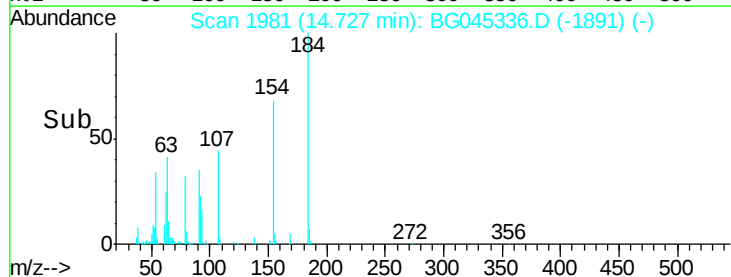
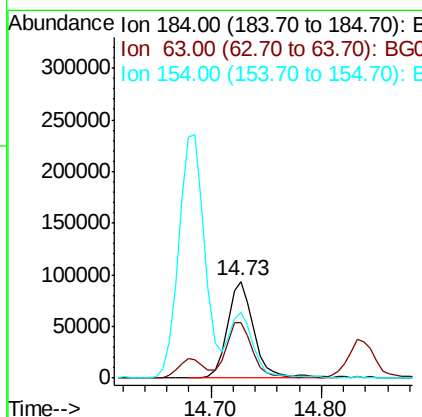
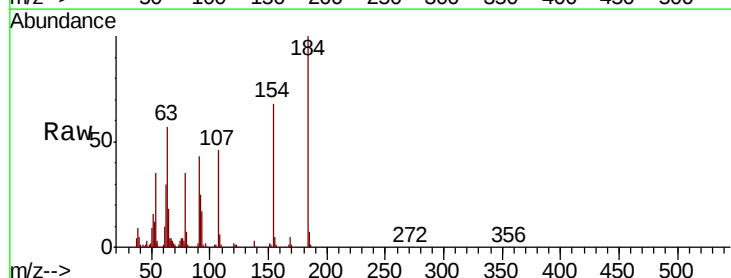
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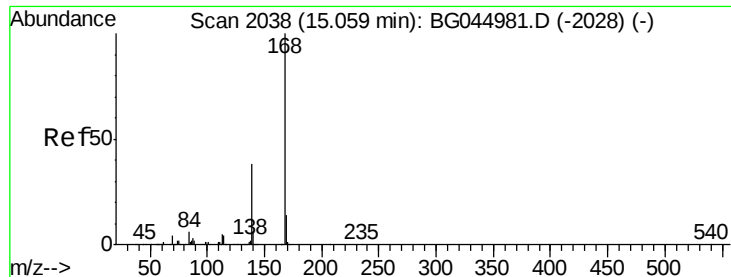
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#54
2,4-Dinitrophenol
Concen: 82.480 ng
RT: 14.73 min Scan# 1981
Delta R.T. -0.00 min
Lab File: BG045336.D
Acq: 12 May 2020 19:46

Tgt Ion	Ratio	Lower	Upper
184	100		
63	57.3	41.5	62.3
154	68.3	52.3	78.5





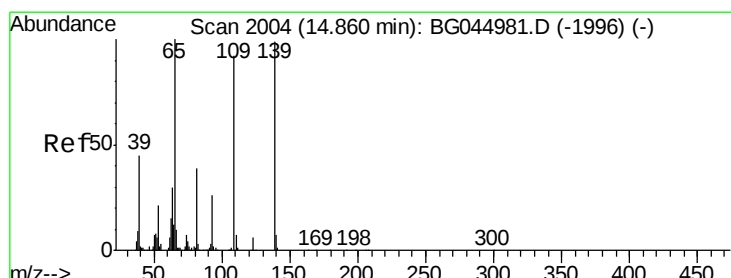
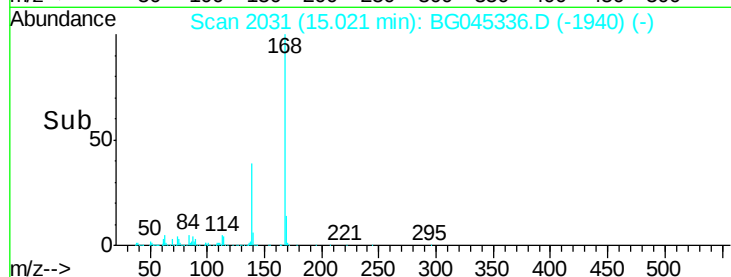
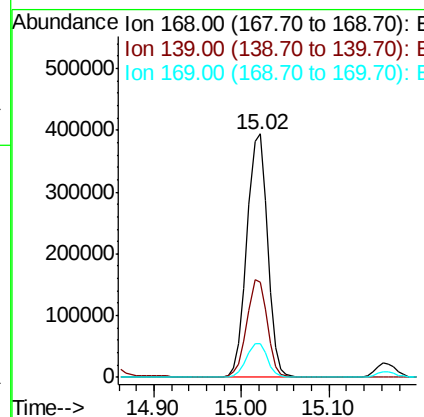
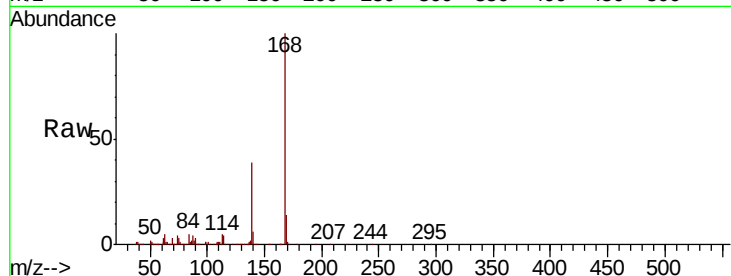
#55
Dibenzenofuran
Concen: 38.035 ng
RT: 15.02 min Scan# 2031
Delta R.T. 0.00 min
Lab File: BG045336.D
Acq: 12 May 2020 19:46

Instrument :
BNA_G
ClientSampleId :
PB128809BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	39.0	30.4	45.6
169	13.9	11.0	16.4

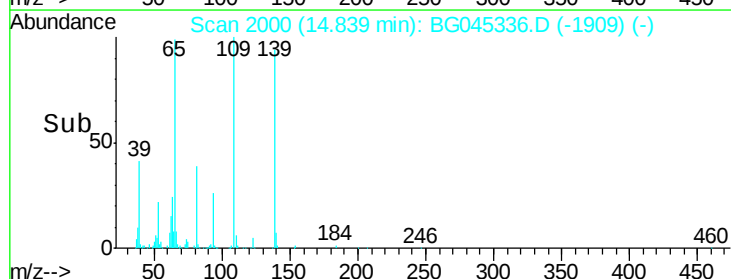
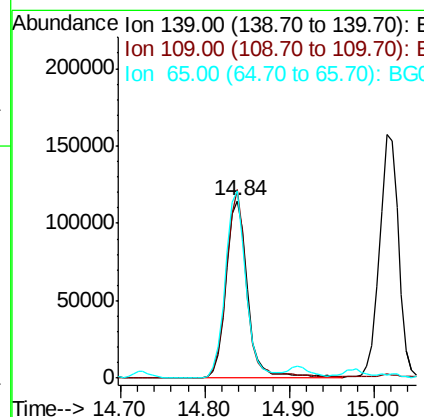
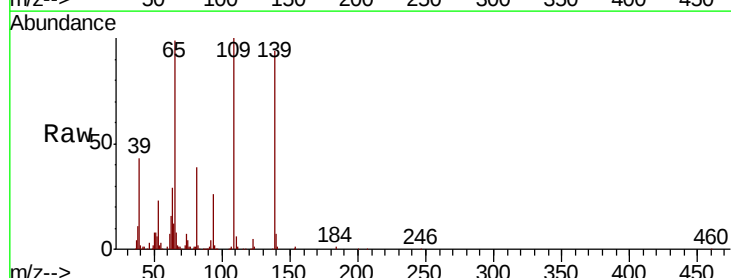
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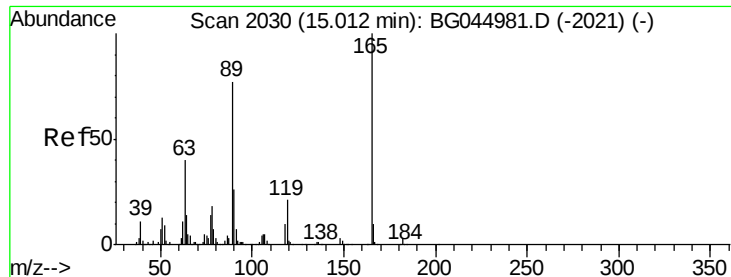
mohammad
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#56
4-Nitrophenol
Concen: 75.009 ng
RT: 14.84 min Scan# 2000
Delta R.T. 0.00 min
Lab File: BG045336.D
Acq: 12 May 2020 19:46

Tgt Ion	Ratio	Lower	Upper
139	100		
109	106.1	73.6	113.6
65	105.5	81.2	121.2





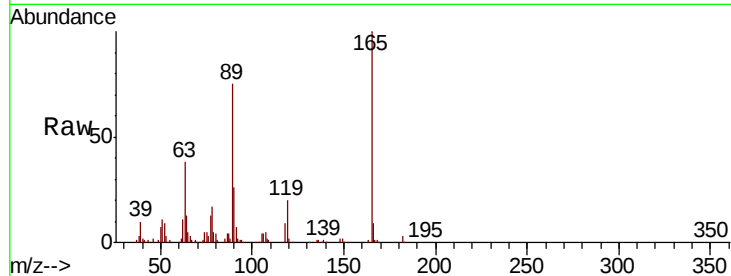
#57
2,4-Dinitrotoluene
Concen: 37.811 ng
RT: 14.98 min Scan# 2024
Delta R.T. -0.00 min
Lab File: BG045336.D
Acq: 12 May 2020 19:46

Instrument :
BNA_G
ClientSampleId :
PB128809BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	177070		
63	38.4		32.2	48.2
89	75.1		61.7	92.5
182	3.2		2.0	3.0#

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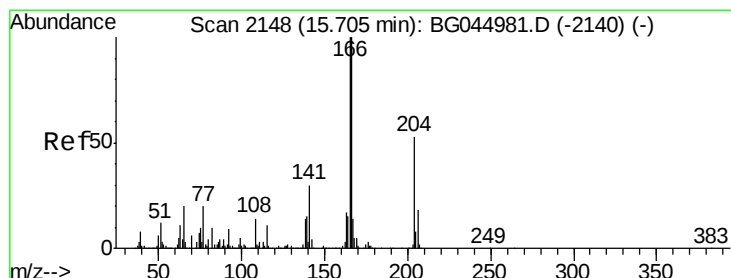
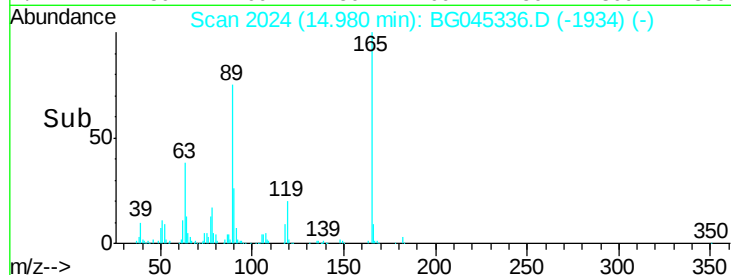
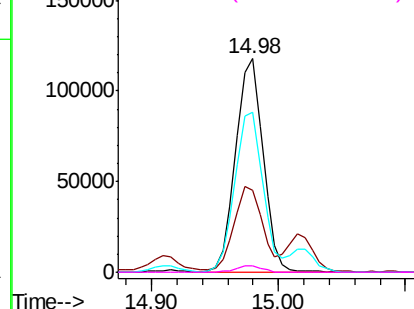


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG

Ion 182.00 (181.70 to 182.70): E



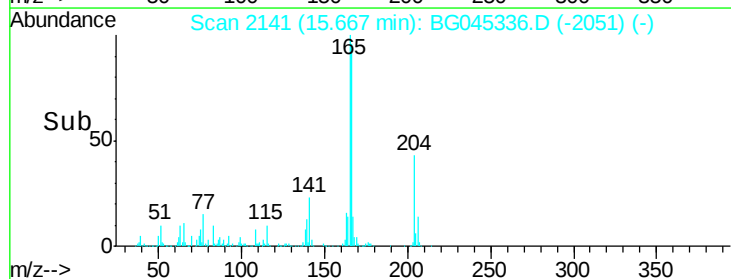
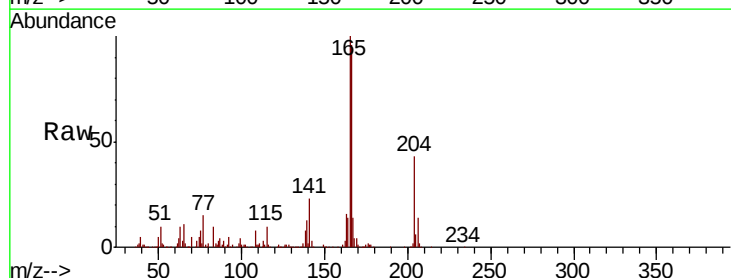
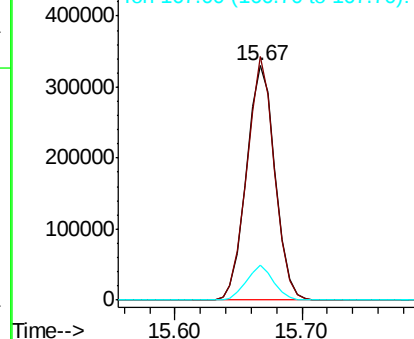
#58
Fluorene
Concen: 38.456 ng
RT: 15.67 min Scan# 2141
Delta R.T. -0.00 min
Lab File: BG045336.D
Acq: 12 May 2020 19:46

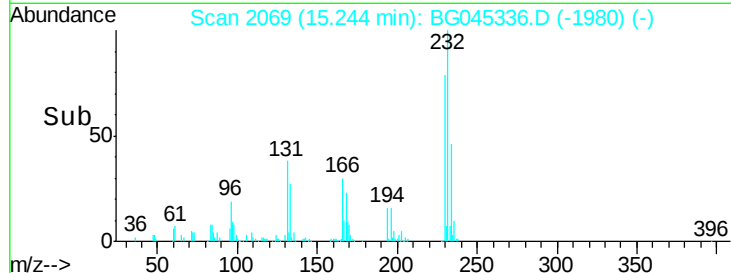
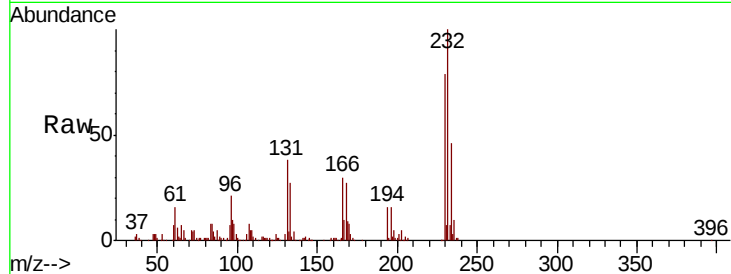
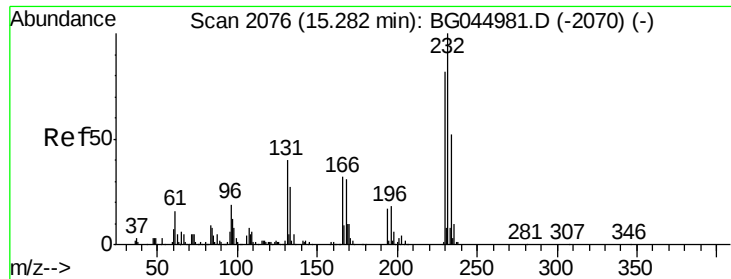
Tgt Ion	Ratio	Resp	Lower	Upper
166	100	515742		
165	103.9		79.9	119.9
167	14.9		11.4	17.0

Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





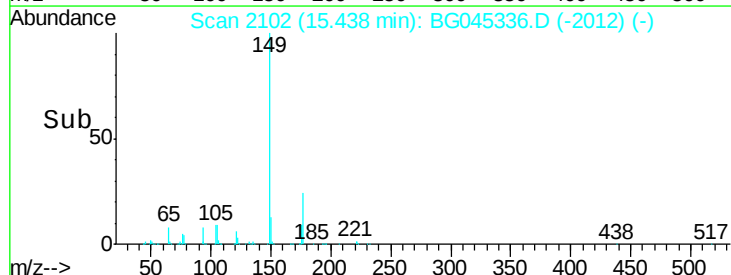
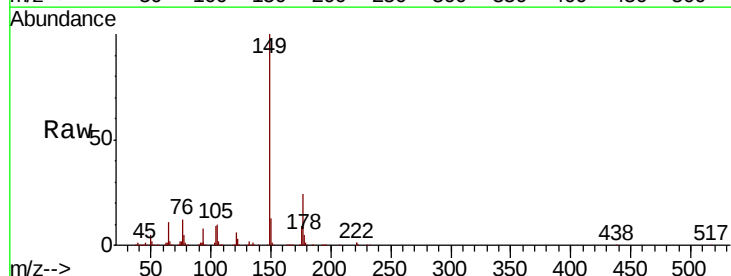
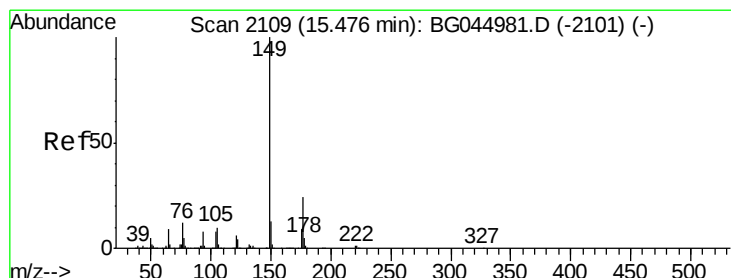
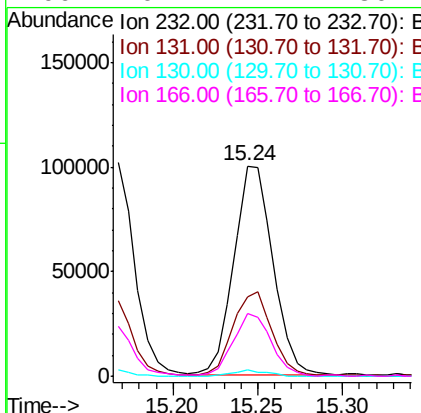
#59
2,3,4,6-Tetrachlorophenol
Concen: 39.797 ng
RT: 15.24 min Scan# 2069
Delta R.T. -0.01 min
Lab File: BG045336.D
Acq: 12 May 2020 19:46

Instrument :
BNA_G
ClientSampleId :
PB128809BS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	161154		
131	39.9	32.2	48.2	
130	2.6	2.2	3.2	
166	29.4	24.2	36.4	

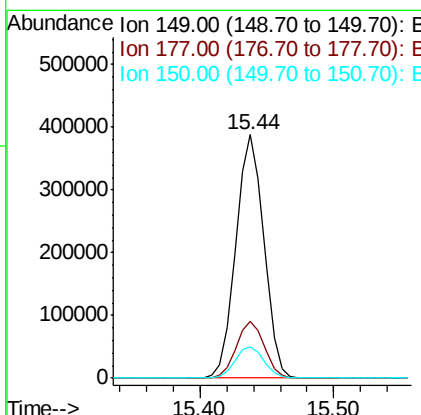
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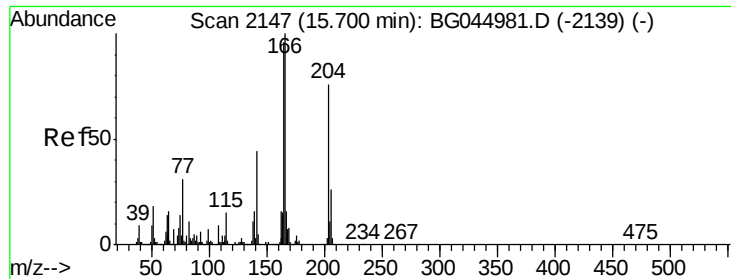
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#60
Diethylphthalate
Concen: 37.654 ng
RT: 15.44 min Scan# 2102
Delta R.T. -0.00 min
Lab File: BG045336.D
Acq: 12 May 2020 19:46

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	562441		
177	23.5	18.9	28.3	
150	13.0	10.6	15.8	





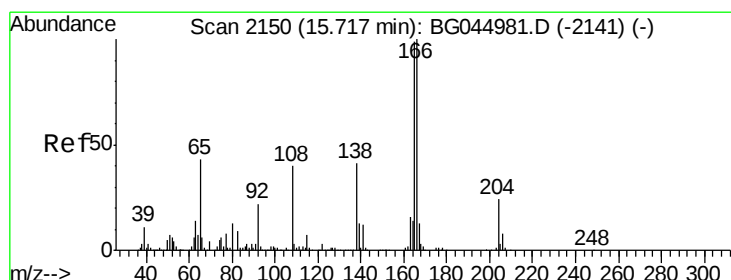
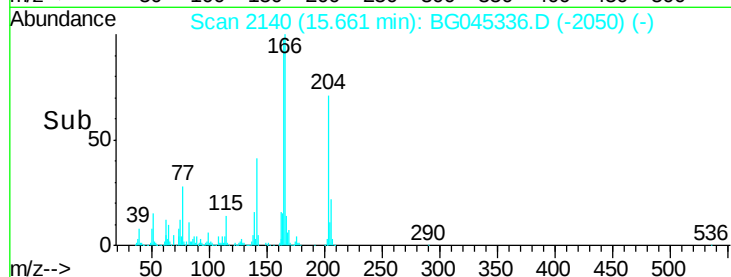
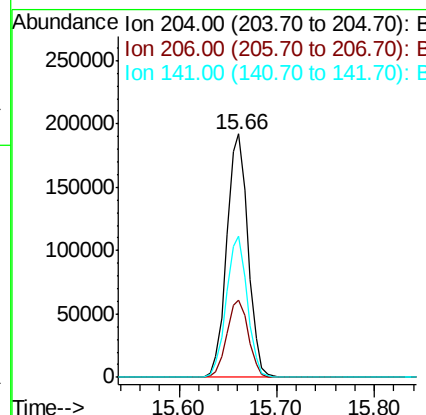
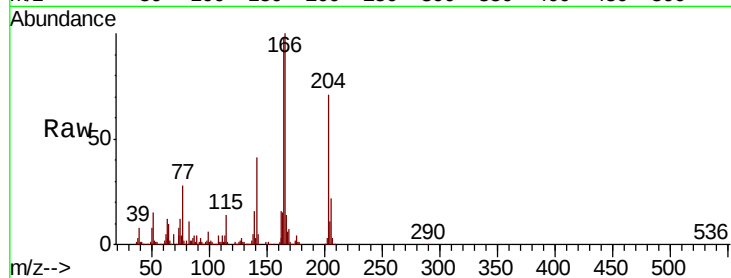
#61
 4-Chlorophenyl-phenylether
 Concen: 37.382 ng
 RT: 15.66 min Scan# 2140
 Delta R.T. -0.00 min
 Lab File: BG045336.D
 Acq: 12 May 2020 19:46

Instrument :
 BNA_G
 ClientSampleId :
 PB128809BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	31.5	26.9	40.3
141	57.8	46.3	69.5

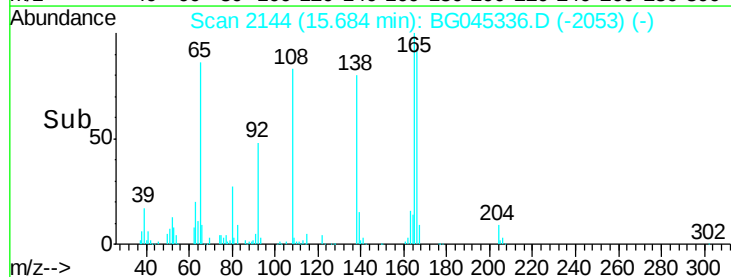
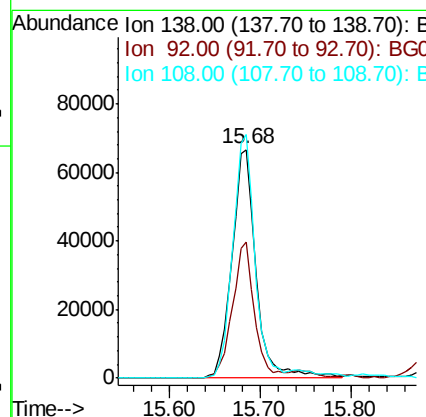
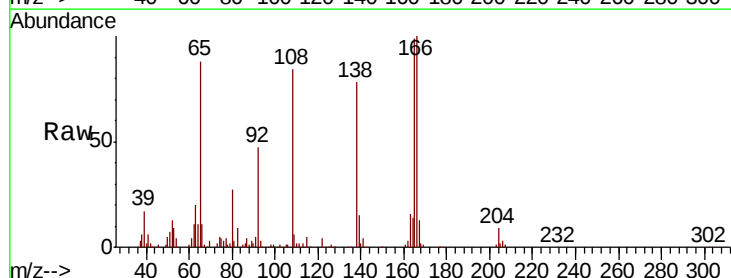
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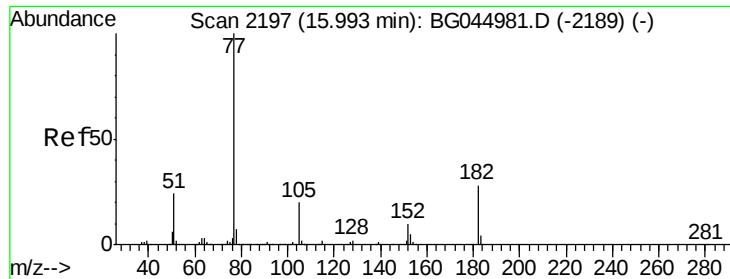
mohammad
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#62
 4-Nitroaniline
 Concen: 34.031 ng
 RT: 15.68 min Scan# 2144
 Delta R.T. 0.00 min
 Lab File: BG045336.D
 Acq: 12 May 2020 19:46

Tgt Ion	Ratio	Lower	Upper
138	100		
92	59.7	33.6	73.6
108	106.6	78.2	118.2





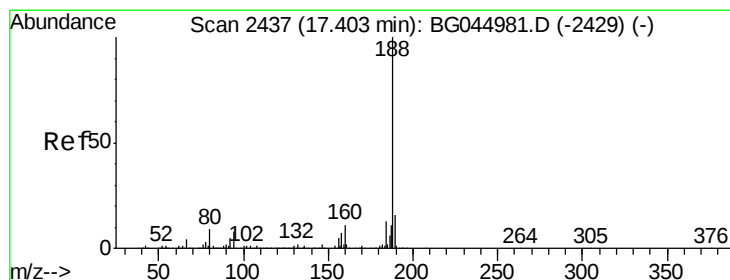
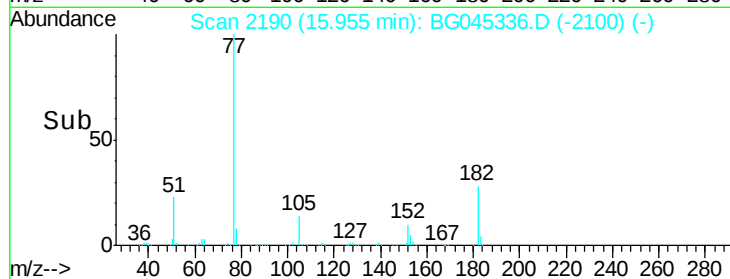
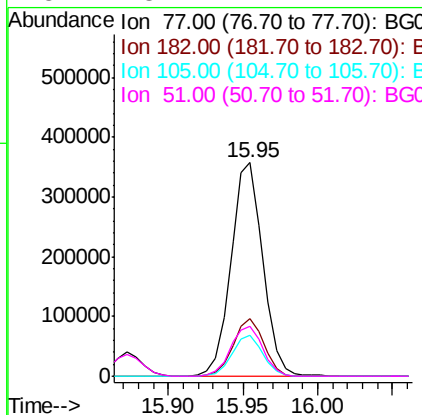
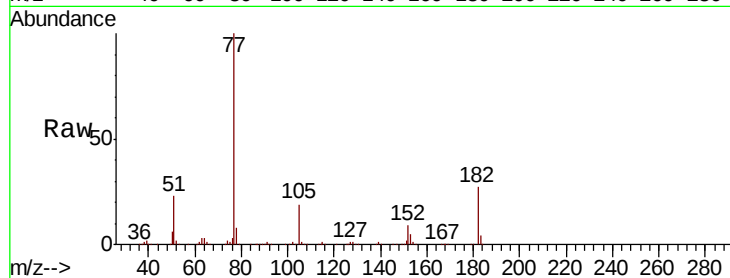
#63
Azobenzene
Concen: 38.351 ng
RT: 15.95 min Scan# 2190
Delta R.T. -0.00 min
Lab File: BG045336.D
Acq: 12 May 2020 19:46

Instrument :
BNA_G
ClientSampled :
PB128809BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
182	27.0	8.4	48.4		
105	19.0	0.5	40.5		
51	23.2	4.4	44.4		

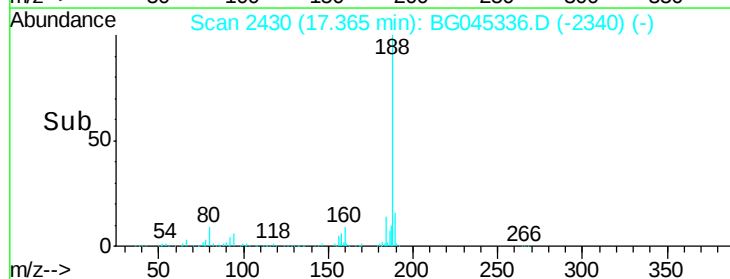
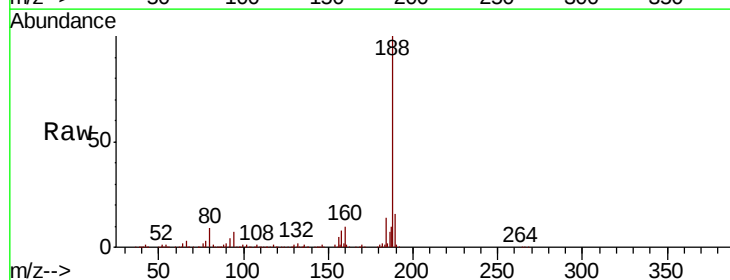
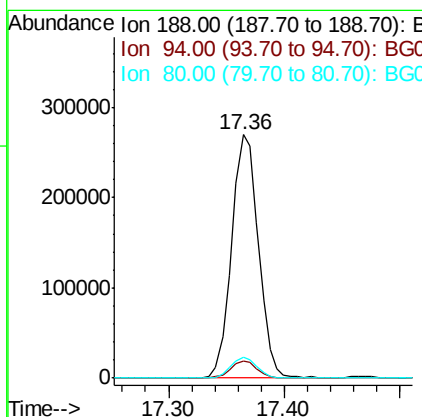
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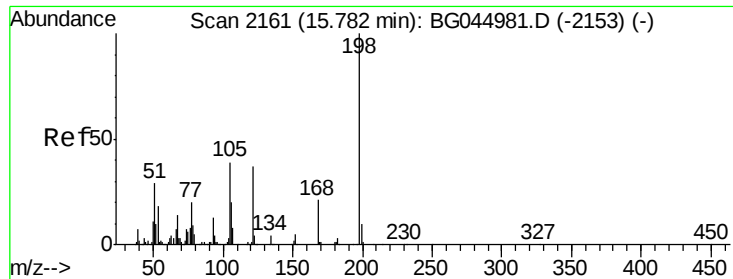
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.36 min Scan# 2430
Delta R.T. -0.00 min
Lab File: BG045336.D
Acq: 12 May 2020 19:46

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100				
94	6.8	6.2	9.4		
80	8.7	7.0	10.6		





#65

4,6-Dinitro-2-methylphenol

Concen: 41.682 ng

RT: 15.74 min Scan# 2154

Delta R.T. -0.00 min

Lab File: BG045336.D

Acq: 12 May 2020 19:46

Instrument :

BNA_G

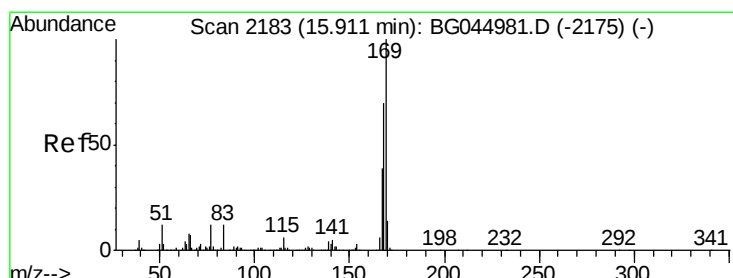
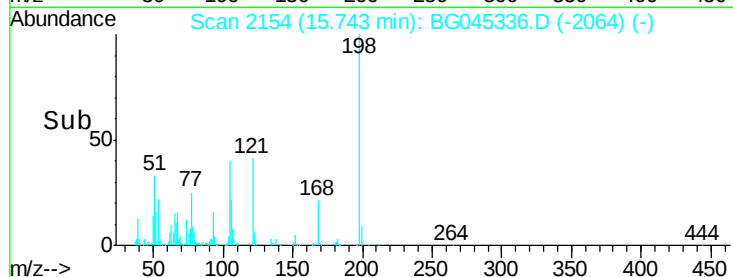
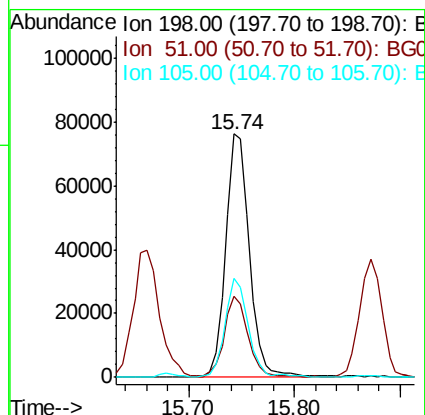
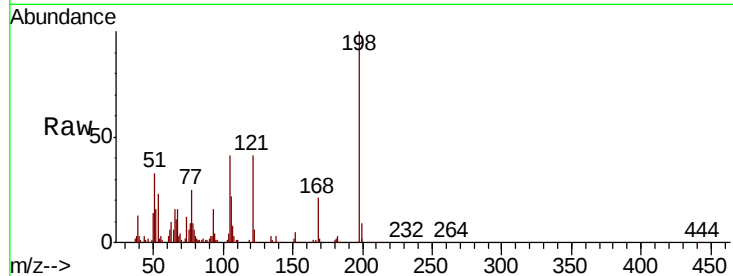
ClientSampleId :

PB128809BS

Tot Ion:	198	Resp:	118731
Ion Ratio	Lower	Upper	
198	100		
51	33.5	10.0	50.0
105	40.6	18.9	58.9

Manual Integrations
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#66

n-Nitrosodiphenylamine

Concen: 37.893 ng

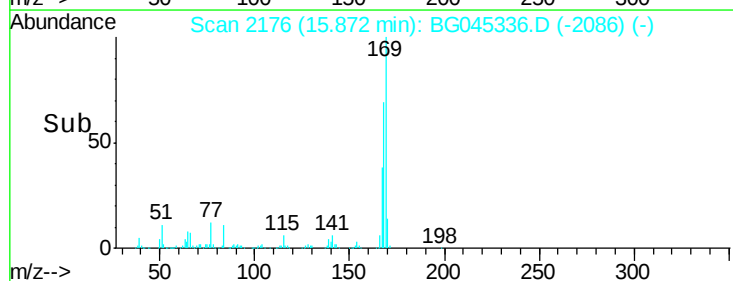
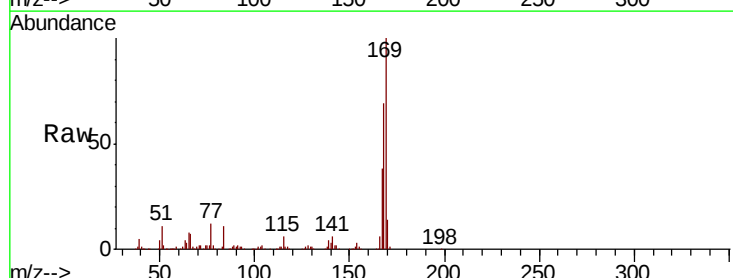
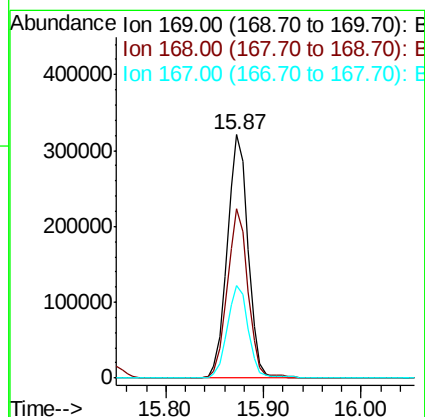
RT: 15.87 min Scan# 2176

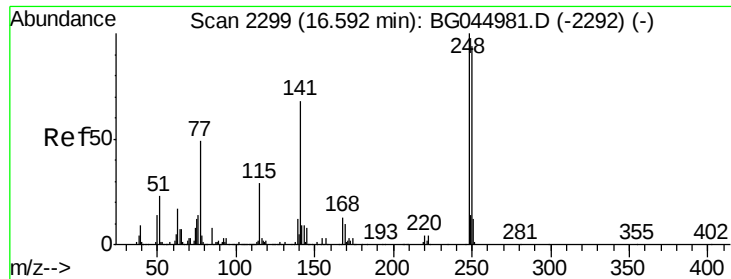
Delta R.T. -0.00 min

Lab File: BG045336.D

Acq: 12 May 2020 19:46

Tgt Ion:	169	Resp:	471818
Ion Ratio	Lower	Upper	
169	100		
168	69.5	55.8	83.8
167	38.2	30.8	46.2





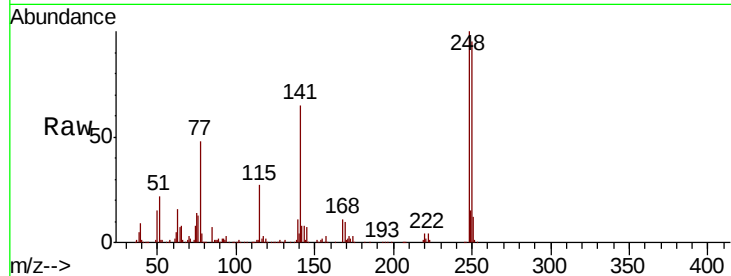
#67
4-Bromophenyl-phenylether
Concen: 35.951 ng
RT: 16.55 min Scan# 2292
Delta R.T. -0.00 min
Lab File: BG045336.D
Acq: 12 May 2020 19:46

Instrument :
BNA_G
ClientSampleId :
PB128809BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	94.9	75.4	113.2
141	65.1	54.4	81.6

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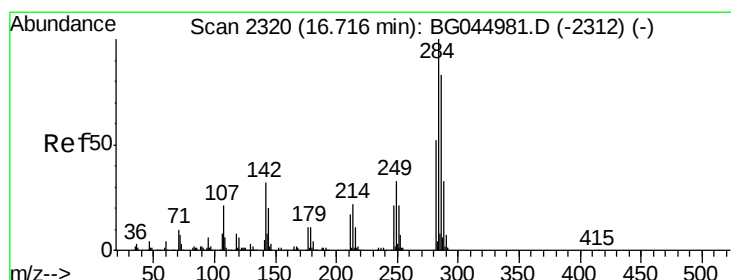
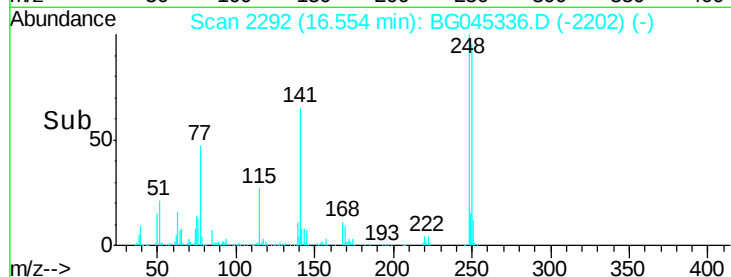
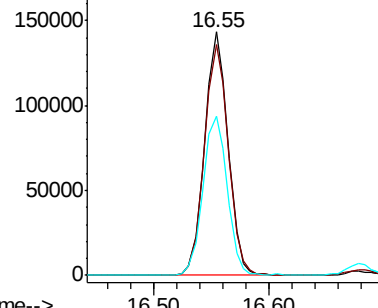


Abundance

Ion 248.00 (247.70 to 248.70): E

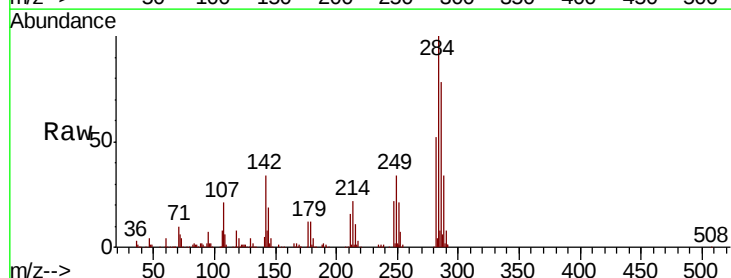
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 37.605 ng
RT: 16.68 min Scan# 2313
Delta R.T. -0.01 min
Lab File: BG045336.D
Acq: 12 May 2020 19:46

Tgt Ion	Ratio	Lower	Upper
284	100		
142	34.4	25.8	38.6
249	33.8	26.6	39.8

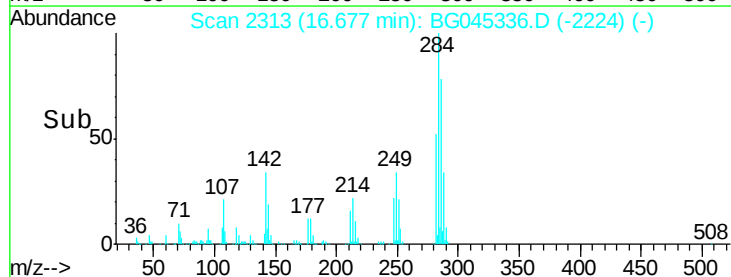
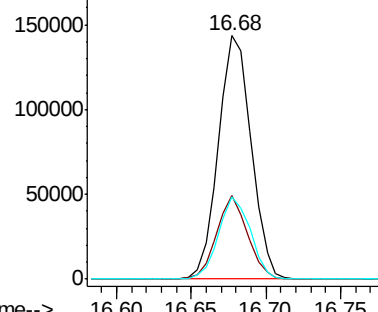


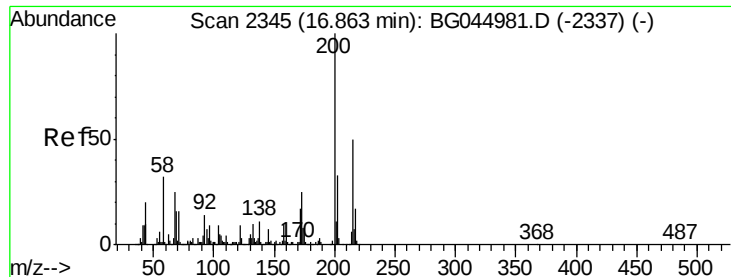
Abundance

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: 40.805 ng

RT: 16.82 min Scan# 2338

Delta R.T. -0.00 min

Lab File: BG045336.D

Acq: 12 May 2020 19:46

Instrument :

BNA_G

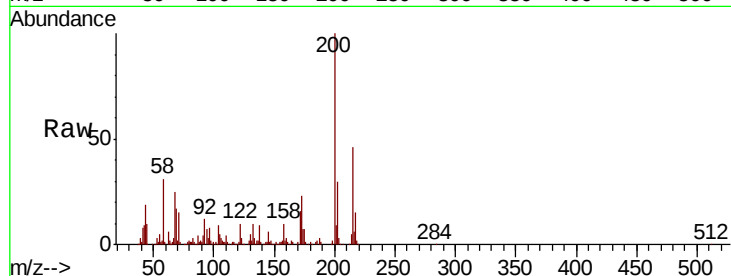
ClientSampleId :

PB128809BS

Tot Ion	Ratio	Lower	Upper
200	100		
173	22.6	4.5	44.5
215	45.8	30.0	70.0

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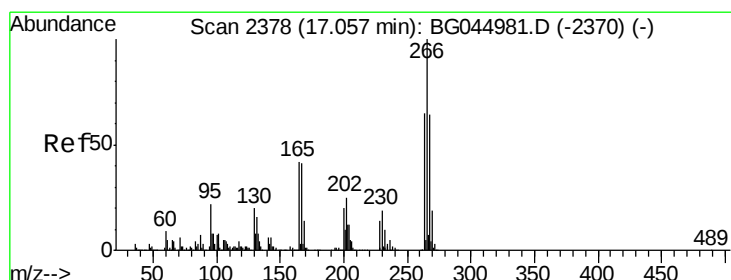
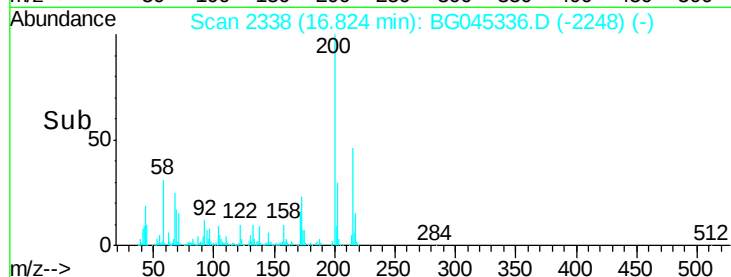
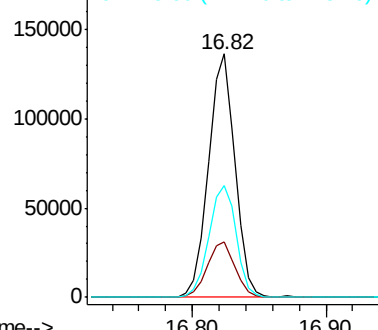


Abundance

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: 73.123 ng

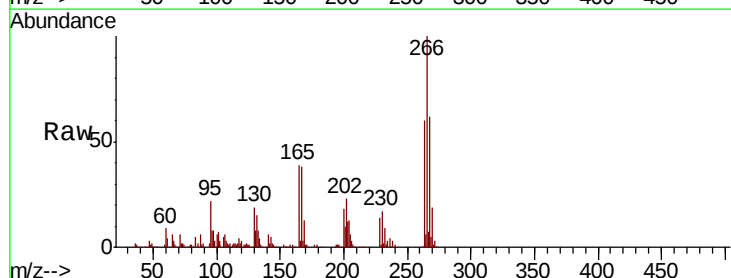
RT: 17.02 min Scan# 2372

Delta R.T. -0.00 min

Lab File: BG045336.D

Acq: 12 May 2020 19:46

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.1	51.5	77.3
264	60.1	52.2	78.4

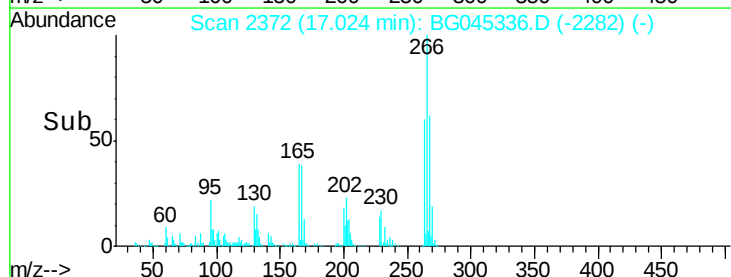
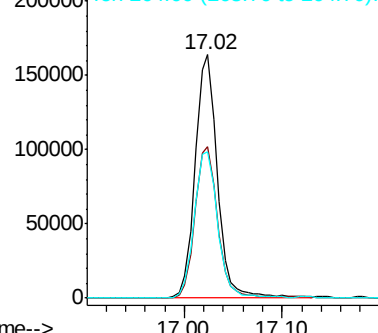


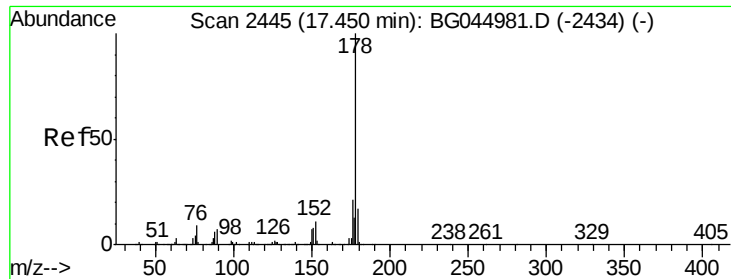
Abundance

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





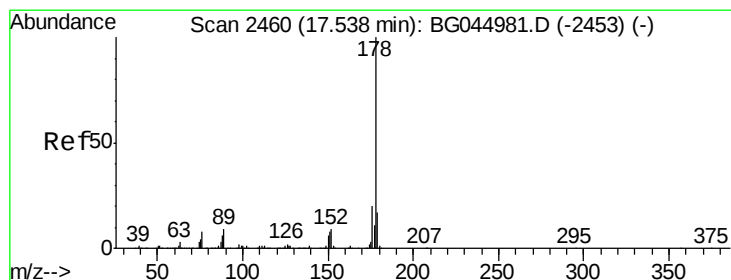
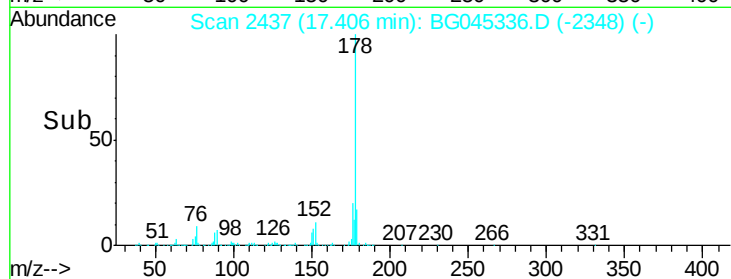
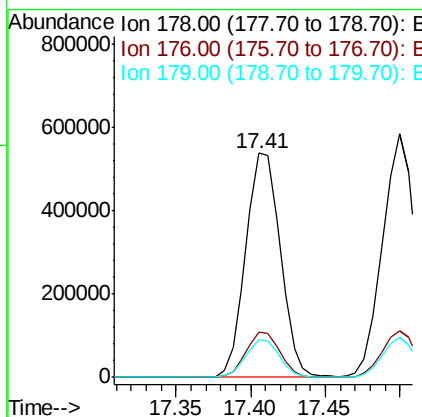
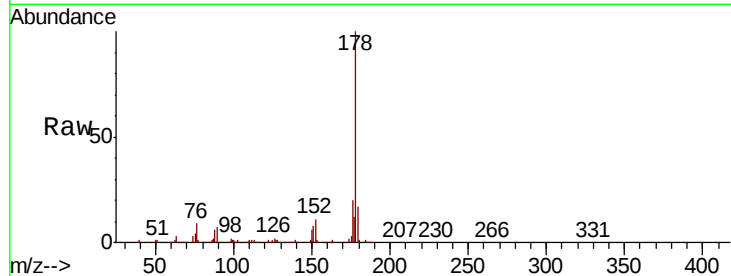
#71
Phenanthrene
Concen: 38.873 ng
RT: 17.41 min Scan# 2437
Delta R.T. -0.01 min
Lab File: BG045336.D
Acq: 12 May 2020 19:46

Instrument :
BNA_G
ClientSampleId :
PB128809BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.0	16.8	25.2
179	16.8	13.2	19.8

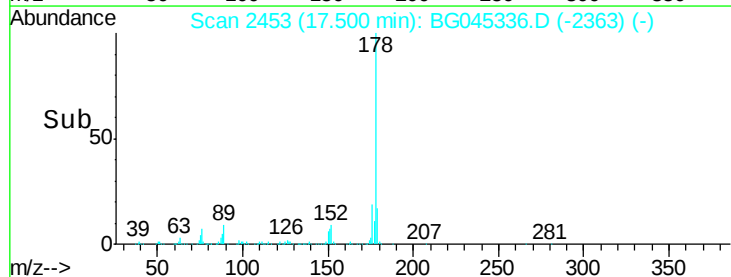
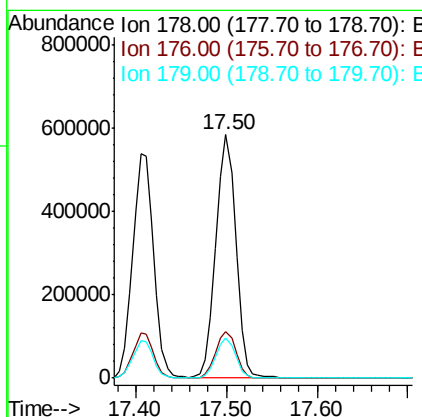
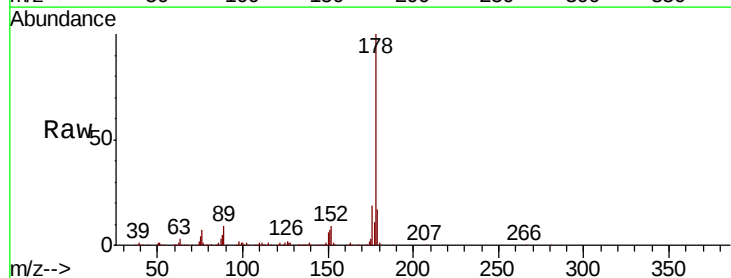
Manual Integrations
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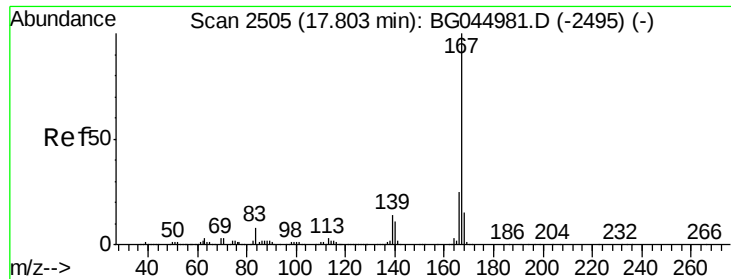
mohammad
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#72
Anthracene
Concen: 40.196 ng
RT: 17.50 min Scan# 2453
Delta R.T. -0.00 min
Lab File: BG045336.D
Acq: 12 May 2020 19:46

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.9	16.0	24.0
179	16.7	13.6	20.4





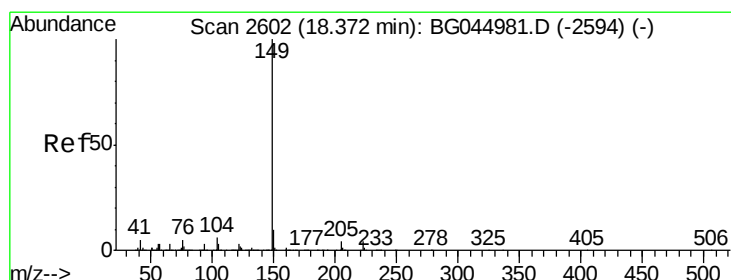
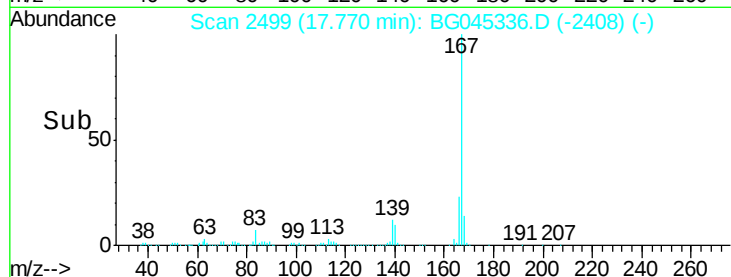
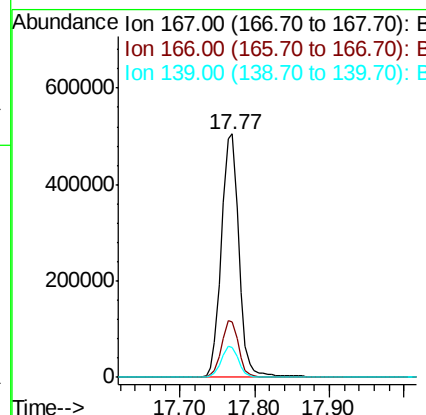
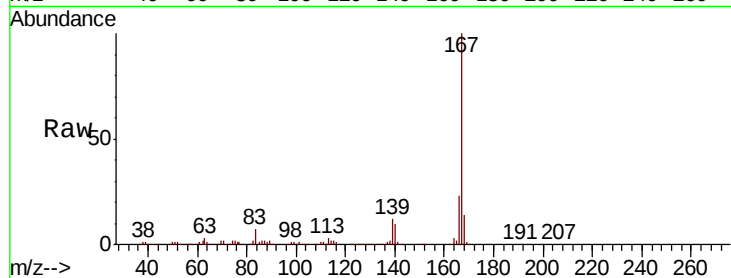
#73
 Carbazole
 Concen: 36.526 ng
 RT: 17.77 min Scan# 2499
 Delta R.T. 0.00 min
 Lab File: BG045336.D
 Acq: 12 May 2020 19:46

Instrument :
 BNA_G
 ClientSampleId :
 PB128809BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.7	19.8	29.6
139	12.3	10.9	16.3

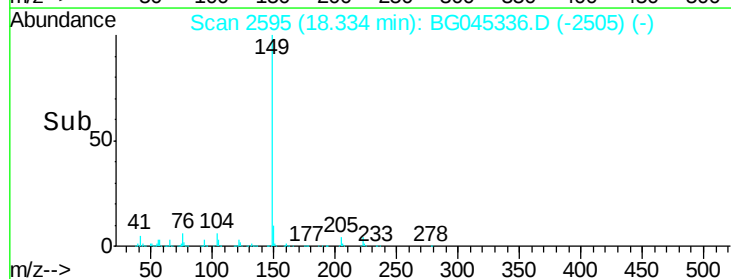
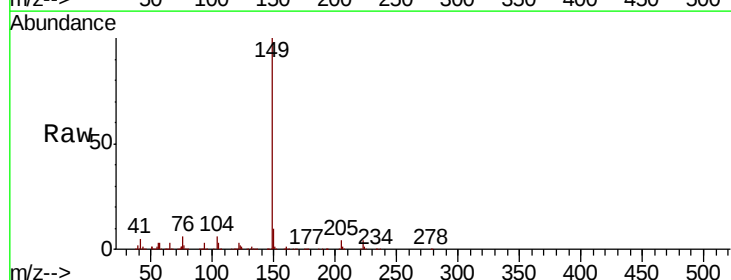
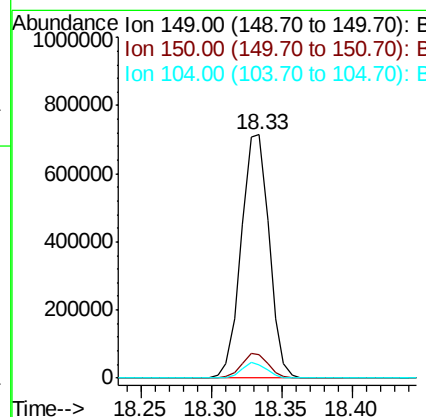
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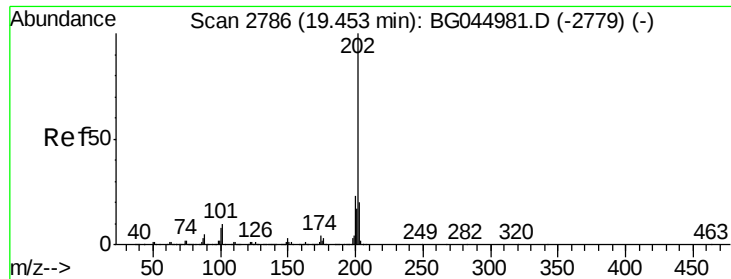
mohammad
 5/14/2020 8:37:18 AM



#74
 Di-n-butylphthalate
 Concen: 39.172 ng
 RT: 18.33 min Scan# 2595
 Delta R.T. -0.00 min
 Lab File: BG045336.D
 Acq: 12 May 2020 19:46

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.7	8.2	12.2
104	5.7	4.8	7.2





#75

Fluoranthene

Concen: 40.909 ng

RT: 19.42 min Scan# 2780

Delta R.T. -0.00 min

Lab File: BG045336.D

Acq: 12 May 2020 19:46

Instrument :

BNA_G

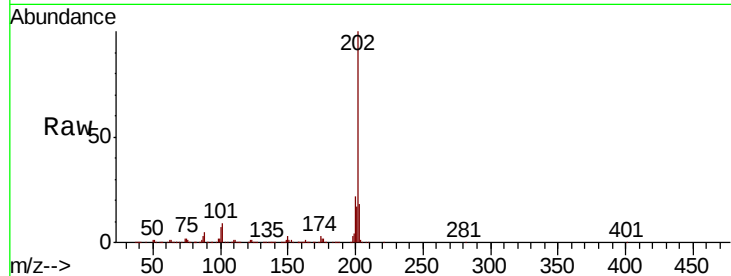
ClientSampleId :

PB128809BS

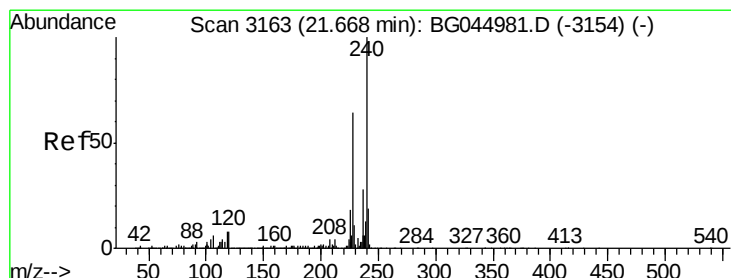
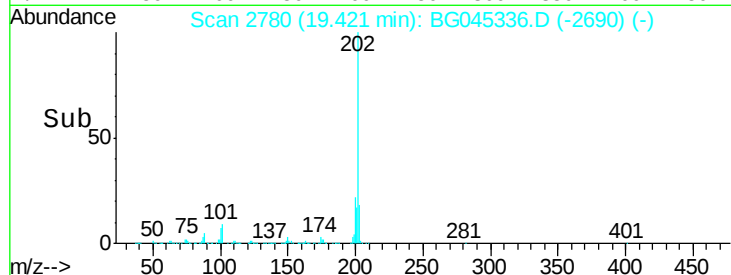
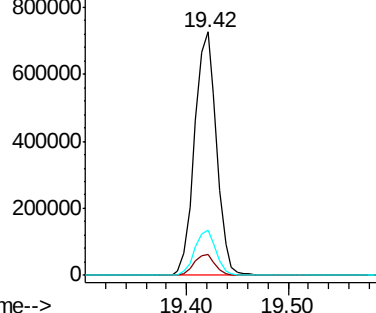
Tot Ion:	202	Resp:	1085483
Ion Ratio	Lower	Upper	
202	100		
101	8.6	0.0	29.6
203	18.4	0.0	39.7

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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.63 min Scan# 3156

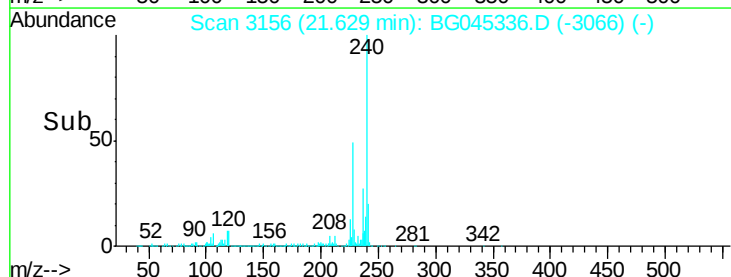
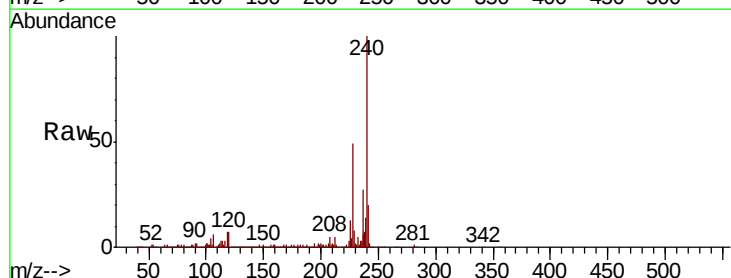
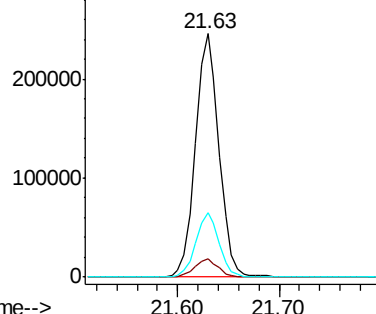
Delta R.T. -0.00 min

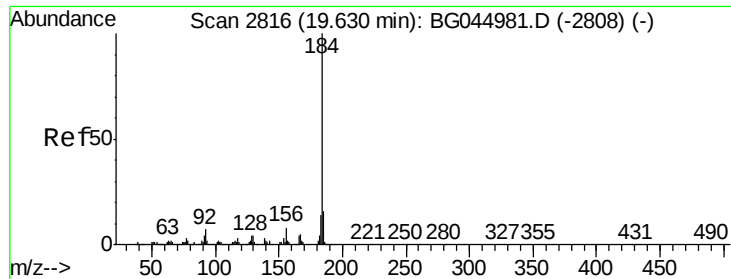
Lab File: BG045336.D

Acq: 12 May 2020 19:46

Tgt Ion:	240	Resp:	394624
Ion Ratio	Lower	Upper	
240	100		
120	7.3	6.6	10.0
236	26.5	22.2	33.2

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





#77

Benzidine

Concen: 56.372 ng

RT: 19.60 min Scan# 2810

Delta R.T. -0.00 min

Lab File: BG045336.D

Acq: 12 May 2020 19:46

Instrument :

BNA_G

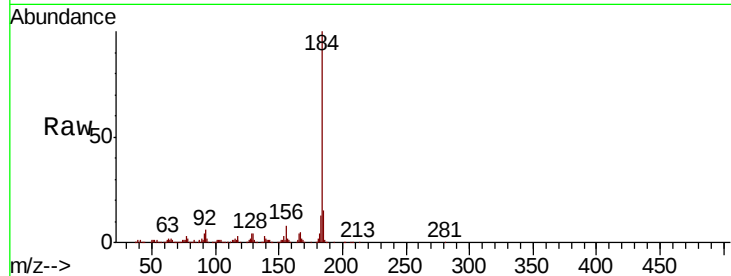
ClientSampled :

PB128809BS

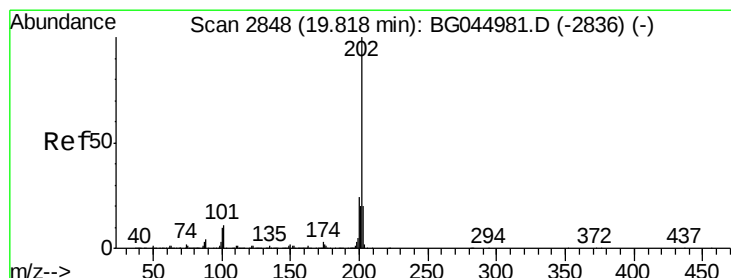
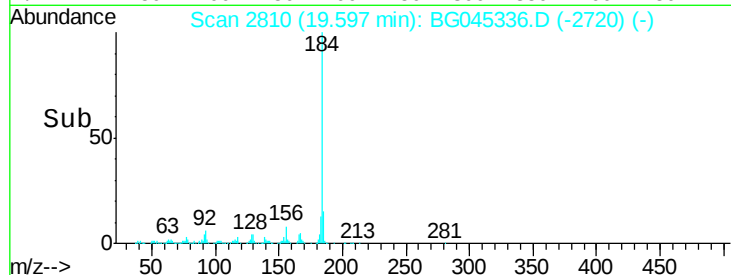
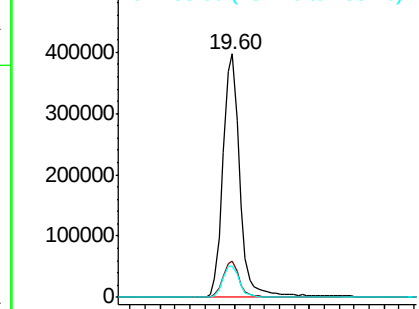
Tot Ion:	184	Resp:	627122
Ion Ratio	Lower	Upper	
184	100		
185	14.8	12.6	19.0
183	12.6	11.3	16.9

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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: 39.449 ng

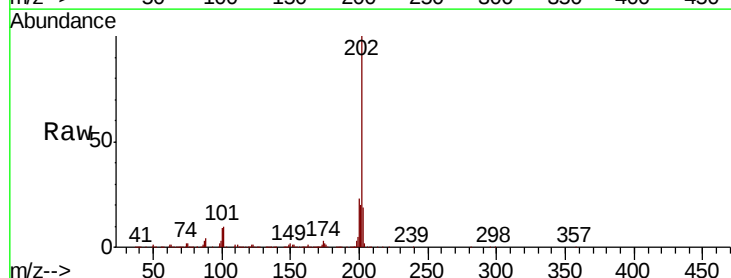
RT: 19.78 min Scan# 2841

Delta R.T. -0.00 min

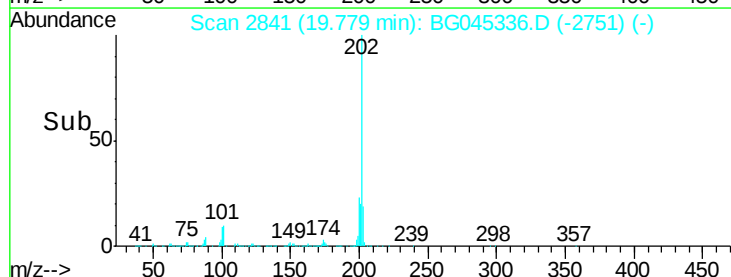
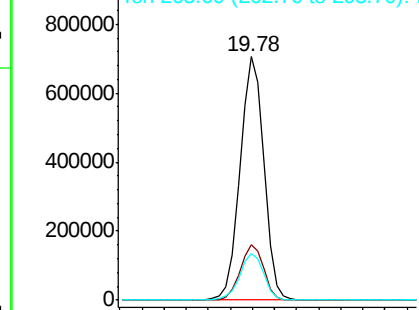
Lab File: BG045336.D

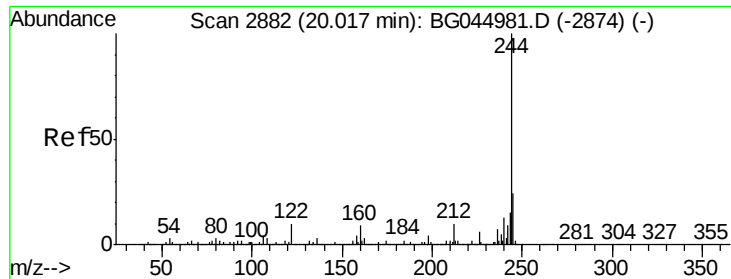
Acq: 12 May 2020 19:46

Tgt Ion:	202	Resp:	1073241
Ion Ratio	Lower	Upper	
202	100		
200	22.9	19.0	28.6
203	19.3	16.1	24.1



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: 93.376 ng

RT: 19.98 min Scan# 2875

Delta R.T. -0.00 min

Lab File: BG045336.D

Acq: 12 May 2020 19:46

Instrument :

BNA_G

ClientSampleId :

PB128809BS

Tot Ion:244 Resp: 1690623

Ion Ratio Lower Upper

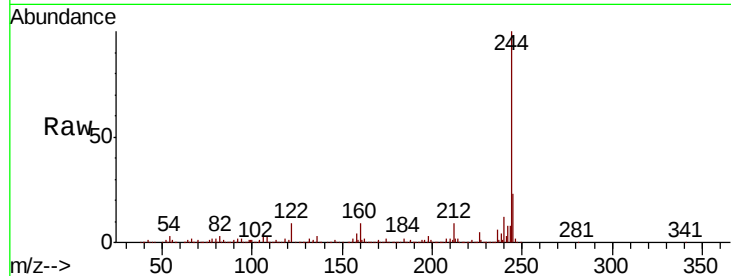
244 100

212 9.0 7.9 11.9

122 8.8 7.7 11.5

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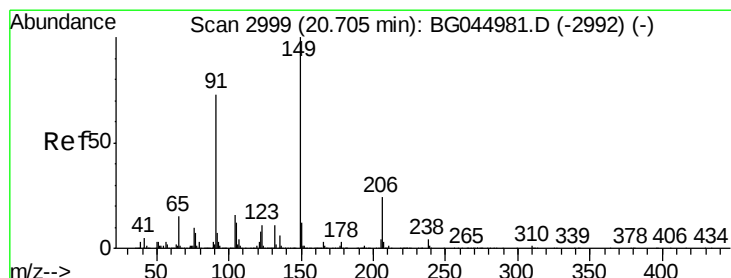
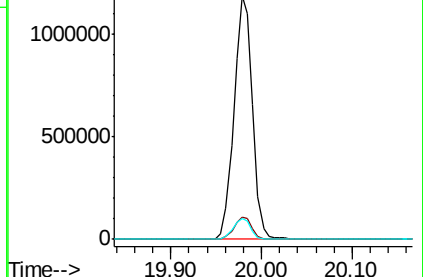
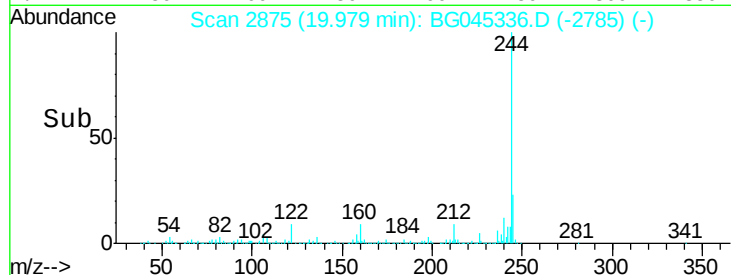
mohammad
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 38.575 ng

RT: 20.67 min Scan# 2992

Delta R.T. -0.01 min

Lab File: BG045336.D

Acq: 12 May 2020 19:46

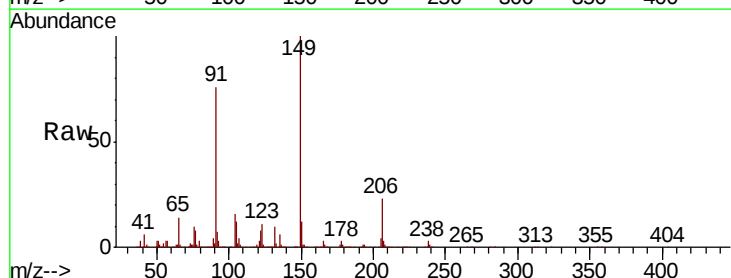
Tgt Ion:149 Resp: 435014

Ion Ratio Lower Upper

149 100

91 75.7 58.5 87.7

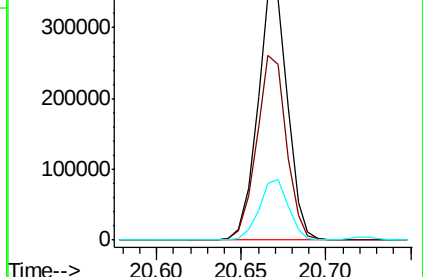
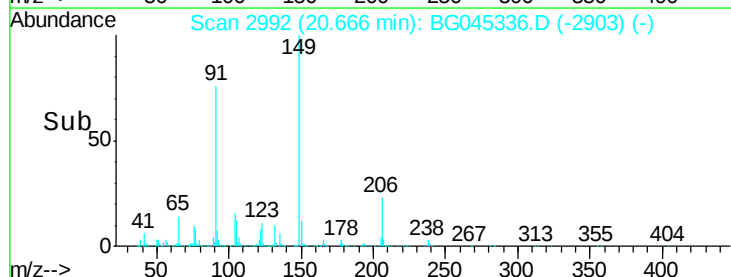
206 23.4 19.2 28.8

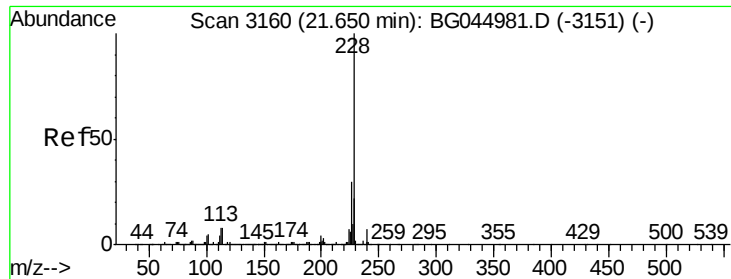


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





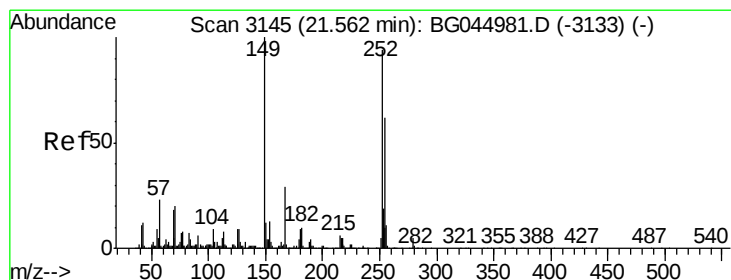
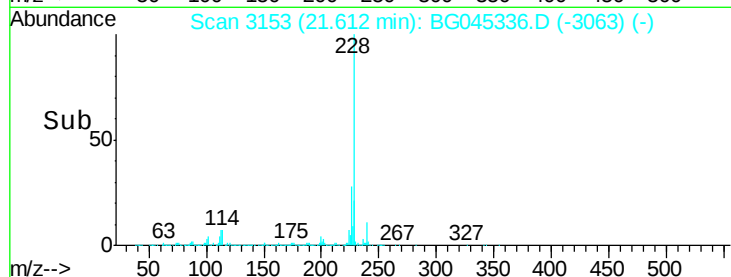
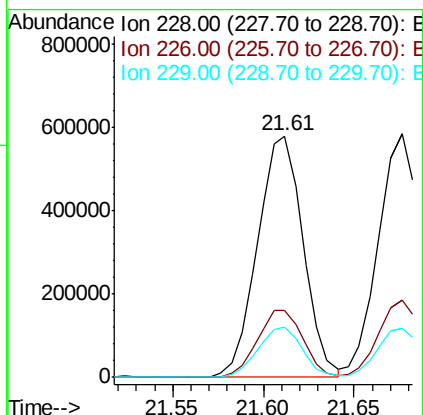
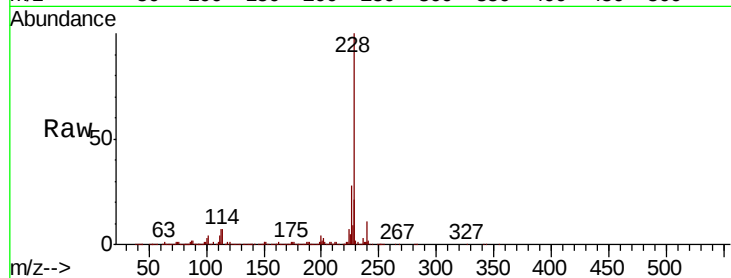
#81
Benzo(a)anthracene
Concen: 39.547 ng
RT: 21.61 min Scan# 3153
Delta R.T. -0.00 min
Lab File: BG045336.D
Acq: 12 May 2020 19:46

Instrument :
BNA_G
ClientSampleId :
PB128809BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.0	24.0	36.0
229	20.9	17.5	26.3

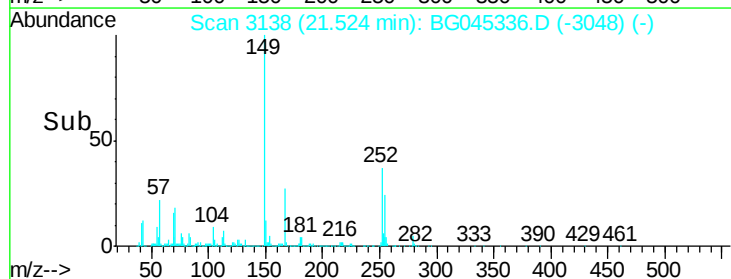
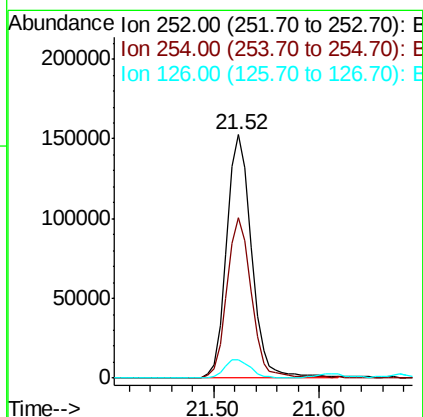
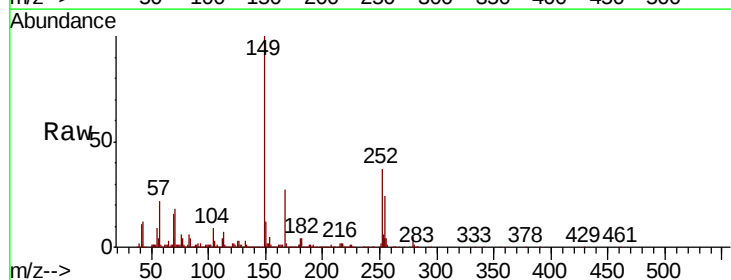
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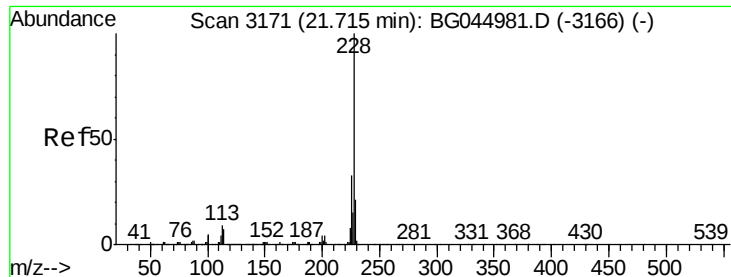
mohammad
5/14/2020 8:37:18 AM



#82
3,3'-Dichlorobenzidine
Concen: 24.533 ng
RT: 21.52 min Scan# 3138
Delta R.T. -0.00 min
Lab File: BG045336.D
Acq: 12 May 2020 19:46

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.7	52.6	79.0
126	7.5	7.5	11.3





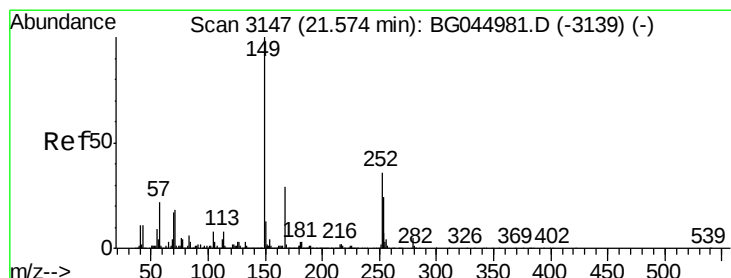
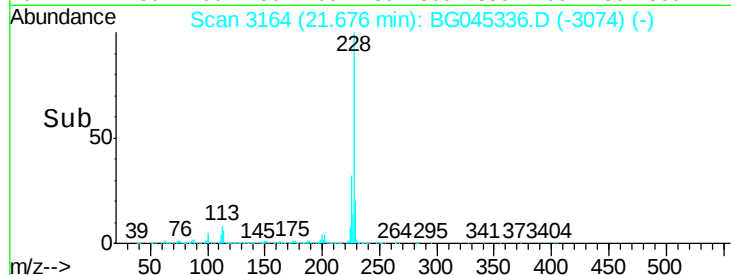
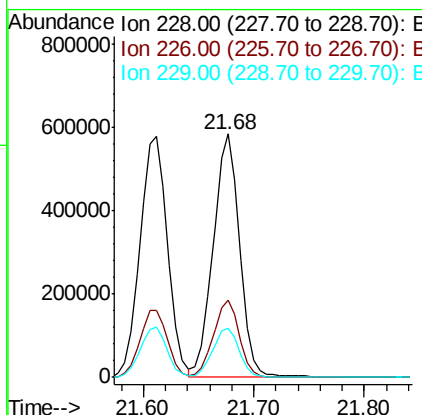
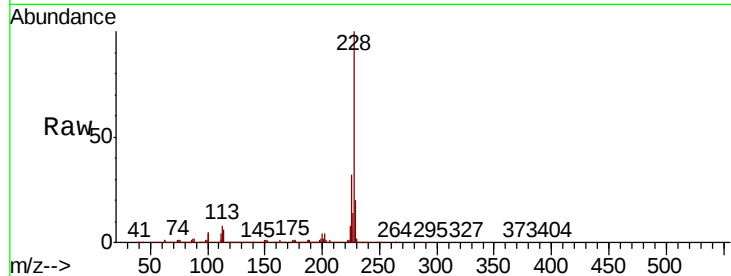
#83
 Chrysene
 Concen: 39.075 ng
 RT: 21.68 min Scan# 3164
 Delta R.T. -0.00 min
 Lab File: BG045336.D
 Acq: 12 May 2020 19:46

Instrument :
 BNA_G
 ClientSampleId :
 PB128809BS

Tot Ion:	228	Resp:	960260
Ion Ratio	Lower	Upper	
228	100		
226	31.7	26.2	39.4
229	20.1	17.0	25.6

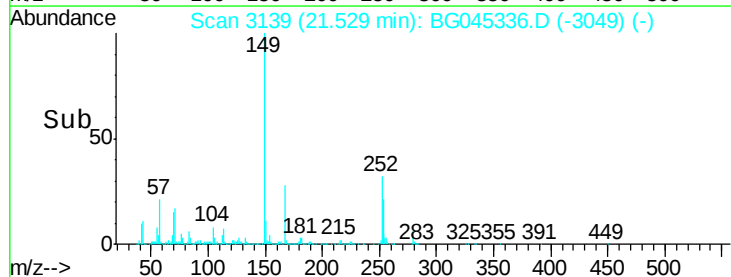
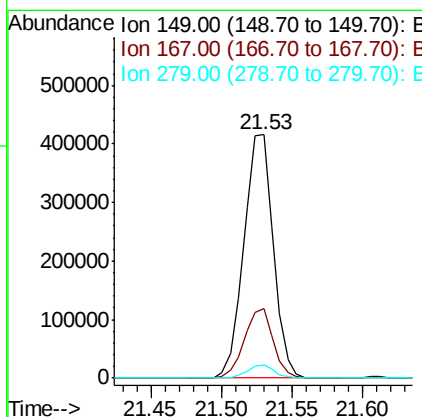
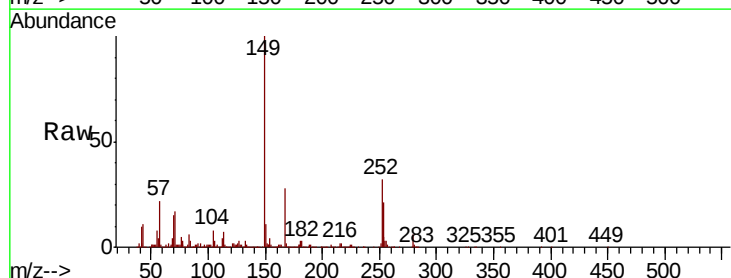
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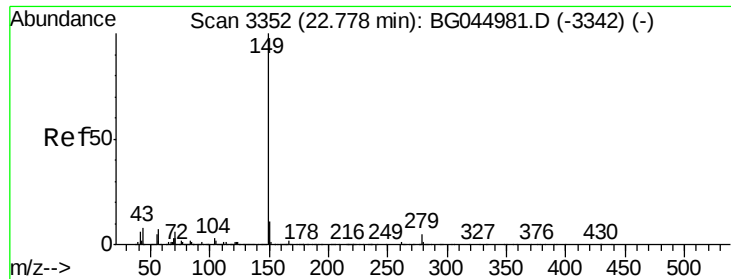
mohammad
 5/14/2020 8:37:18 AM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 39.140 ng
 RT: 21.53 min Scan# 3139
 Delta R.T. -0.00 min
 Lab File: BG045336.D
 Acq: 12 May 2020 19:46

Tgt Ion:	149	Resp:	607055
Ion Ratio	Lower	Upper	
149	100		
167	28.3	23.4	35.0
279	5.5	4.3	6.5





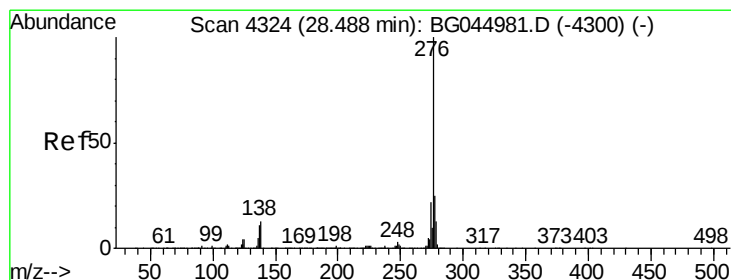
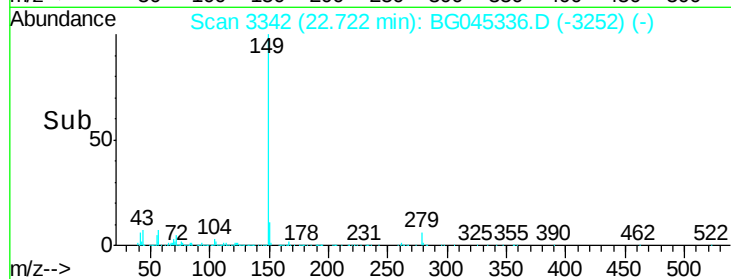
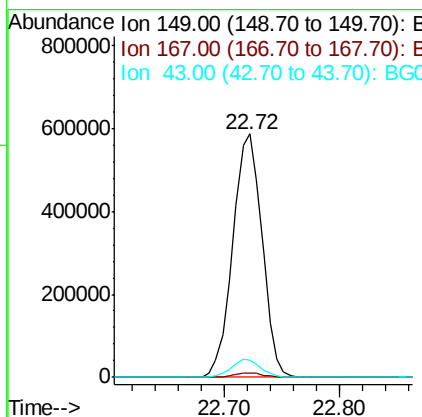
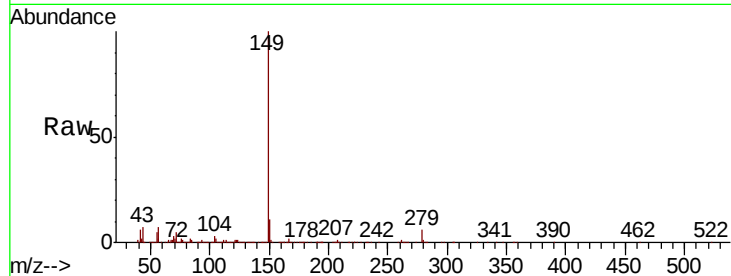
#85
Di-n-octyl phthalate
Concen: 38.375 ng
RT: 22.72 min Scan# 3342
Delta R.T. -0.00 min
Lab File: BG045336.D
Acq: 12 May 2020 19:46

Instrument :
BNA_G
ClientSampleId :
PB128809BS

Tot Ion	Ion	Ratio	Lower	Upper
149	100			
167	1.8	1.4	2.2	
43	7.1	5.7	8.5	

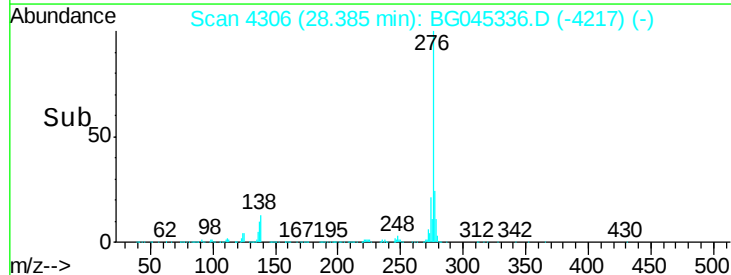
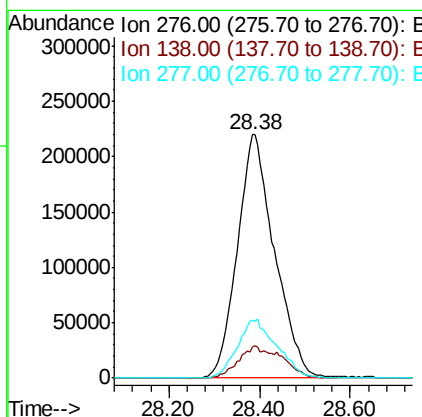
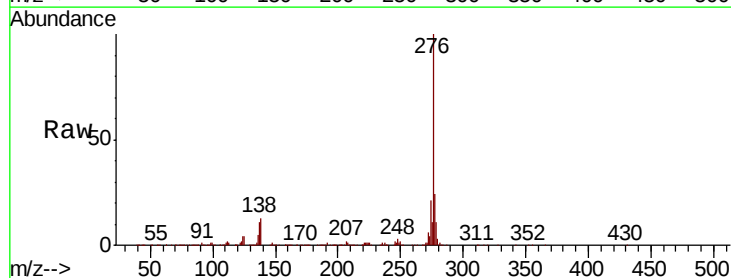
Manual Integrations
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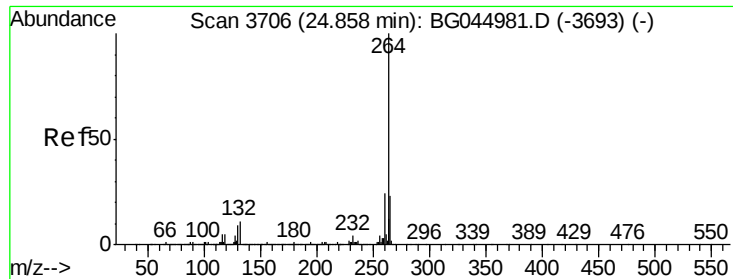
mohammad
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#86
Indeno(1,2,3-cd)pyrene
Concen: 38.396 ng
RT: 28.38 min Scan# 4306
Delta R.T. -0.01 min
Lab File: BG045336.D
Acq: 12 May 2020 19:46

Tgt Ion	Ion	Ratio	Lower	Upper
276	100			
138	15.4	9.6	14.4#	
277	25.5	20.6	31.0	





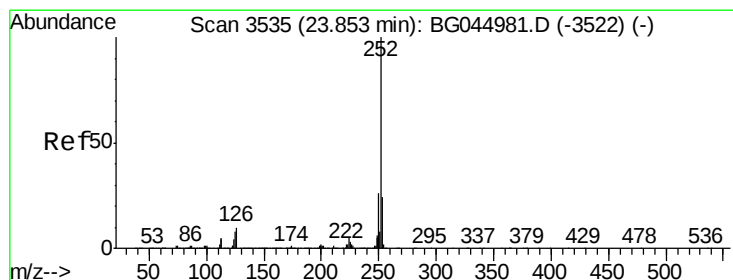
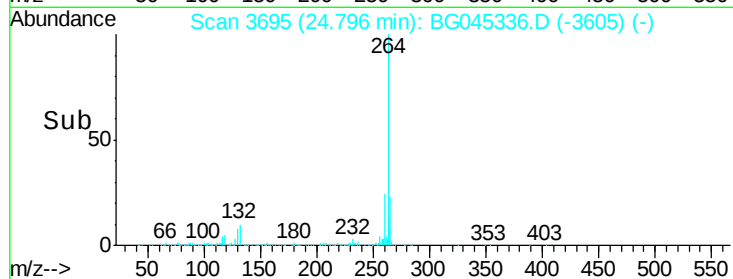
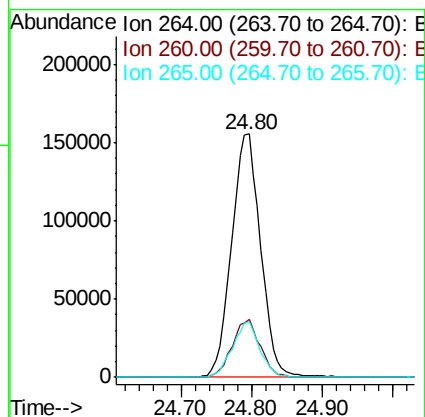
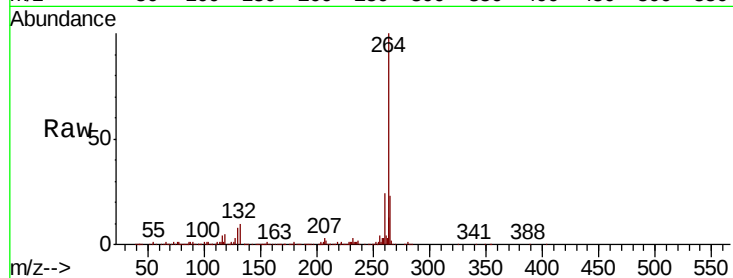
#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.80 min Scan# 3695
Delta R.T. -0.00 min
Lab File: BG045336.D
Acq: 12 May 2020 19:46

Instrument :
BNA_G
ClientSampleId :
PB128809BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	22.7	19.0	28.4

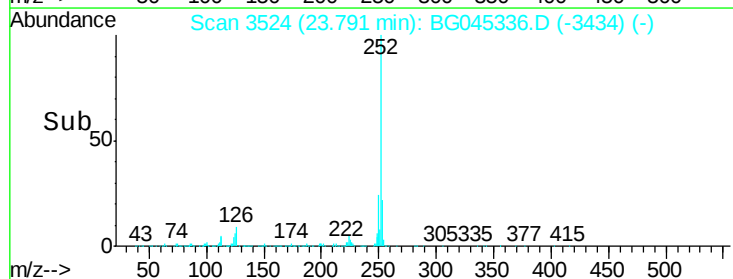
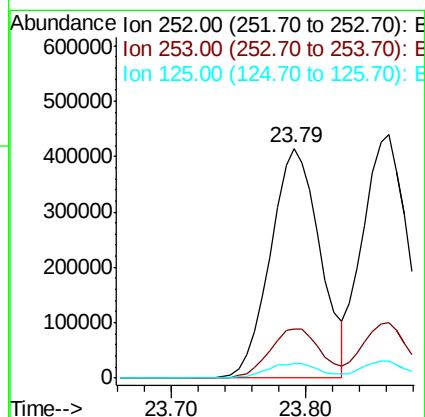
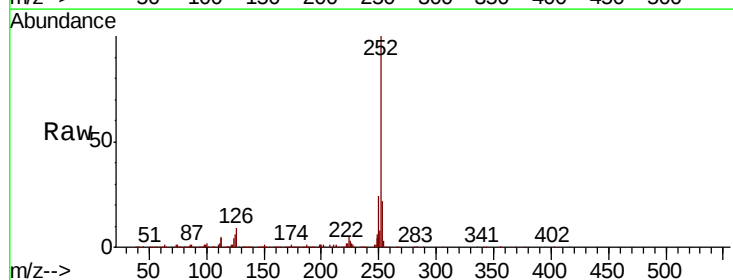
Manual Integrations
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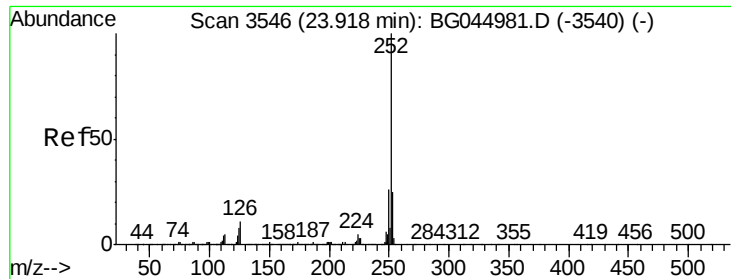
mohammad
5/14/2020 8:37:18 AM



#88
Benzo(b)fluoranthene
Concen: 38.130 ng m
RT: 23.79 min Scan# 3524
Delta R.T. -0.00 min
Lab File: BG045336.D
Acq: 12 May 2020 19:46

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	18.8	28.2
125	6.1	6.2	9.4#





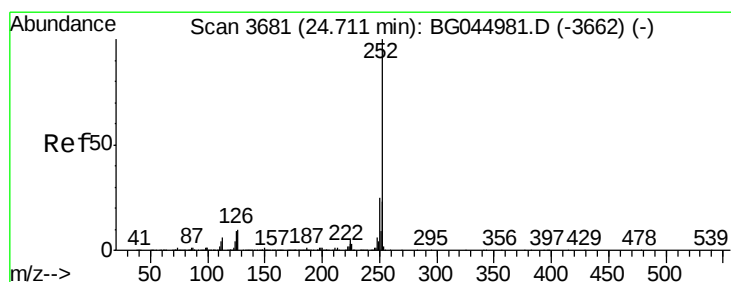
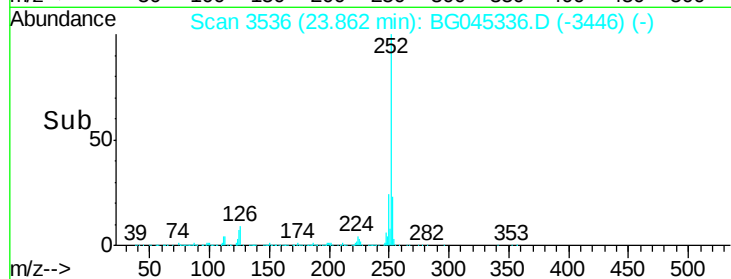
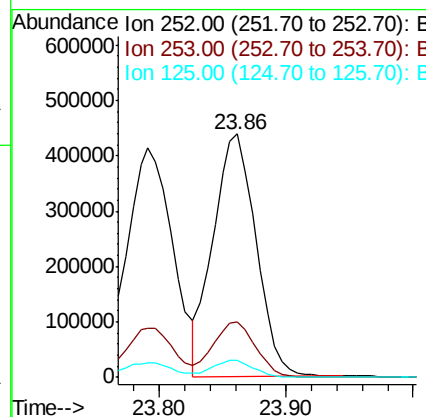
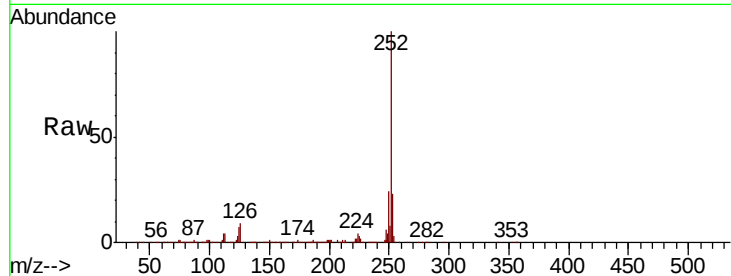
#89
Benzo(k)fluoranthene
Concen: 38.765 ng
RT: 23.86 min Scan# 3536
Delta R.T. -0.00 min
Lab File: BG045336.D
Acq: 12 May 2020 19:46

Instrument :
BNA_G
ClientSampled :
PB128809BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	19.2	28.8
125	7.0	5.9	8.9

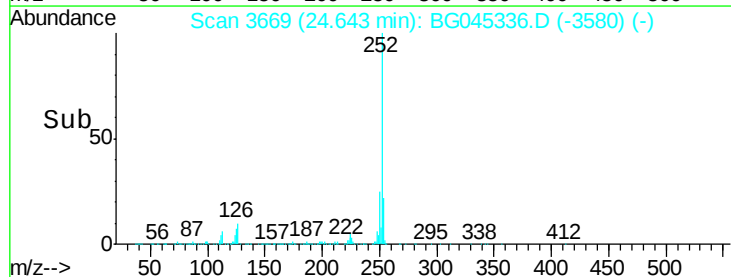
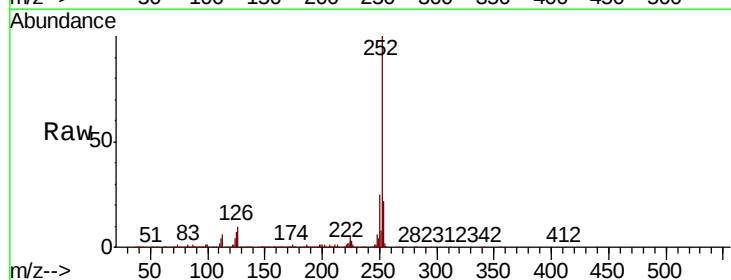
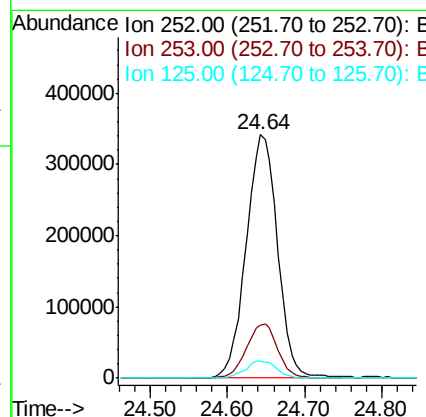
Manual Integrations
APPROVED

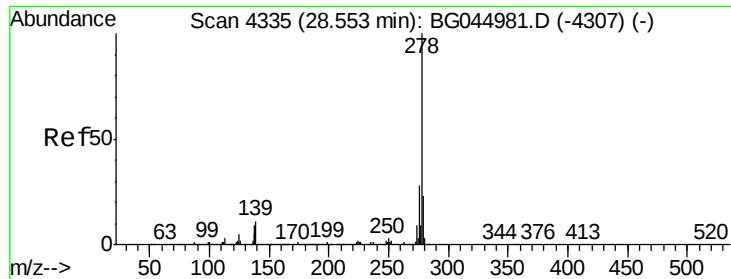
mohammad
5/14/2020 8:37:18 AM



#90
Benzo(a)pyrene
Concen: 37.143 ng
RT: 24.64 min Scan# 3669
Delta R.T. -0.01 min
Lab File: BG045336.D
Acq: 12 May 2020 19:46

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.3	27.5
125	6.9	7.0	10.6





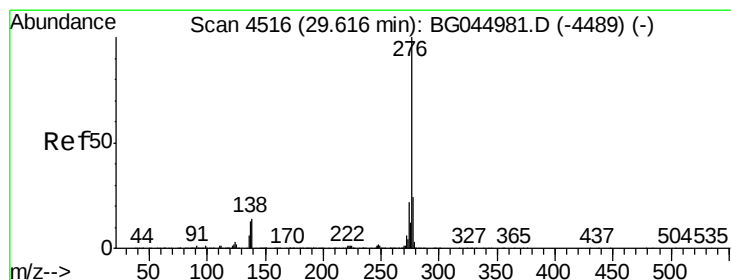
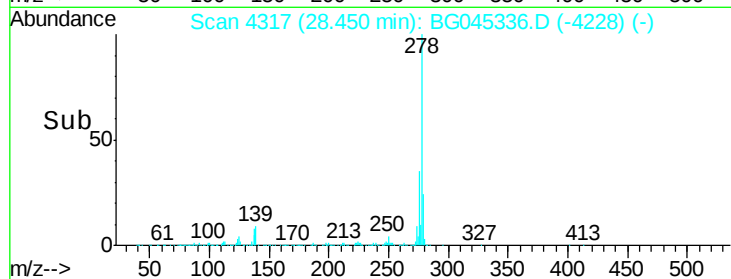
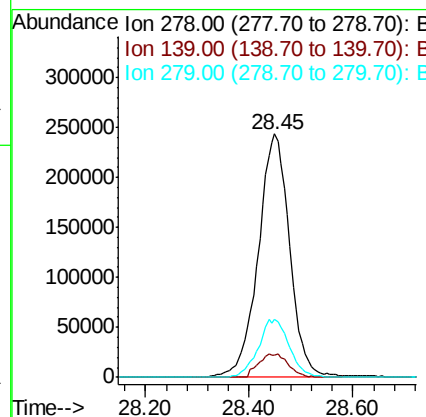
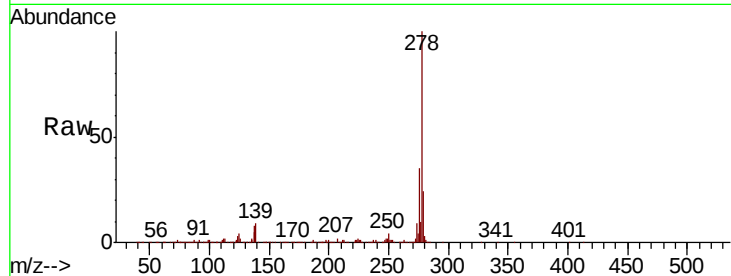
#91
Dibenzo(a,h)anthracene
Concen: 38.623 ng
RT: 28.45 min Scan# 4317
Delta R.T. -0.01 min
Lab File: BG045336.D
Acq: 12 May 2020 19:46

Instrument :
BNA_G
ClientSampleId :
PB128809BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	9.1	9.0	13.6
279	23.7	18.4	27.6

Manual Integrations
APPROVED

mohammad
5/14/2020 8:37:18 AM



#92
Benzo(g,h,i)perylene
Concen: 39.411 ng
RT: 29.52 min Scan# 4499
Delta R.T. 0.00 min
Lab File: BG045336.D
Acq: 12 May 2020 19:46

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.7	19.3	28.9
138	12.7	11.4	17.2

