

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042920\
 Data File : BG045202.D
 Acq On : 29 Apr 2020 13:00
 Operator : CG/JU
 Sample : PB128519BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB128519BS

Manual Integrations
 APPROVED

mohammad
 4/30/2020 1:37:38 PM

Quant Time: Apr 29 14:14:11 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 29 12:24:27 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	58938	20.00	ng	0.00
21) Naphthalene-d8	10.80	136	235071	20.00	ng	0.00
39) Acenaphthene-d10	14.63	164	167617	20.00	ng	0.00
64) Phenanthrene-d10	17.38	188	436173	20.00	ng	0.00
76) Chrysene-d12	21.65	240	439595	20.00	ng	0.00
87) Perylene-d12	24.82	264	491461	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	312458	87.52	ng	0.00
7) Phenol-d6	7.16	99	434566	81.93	ng	0.00
23) Nitrobenzene-d5	9.15	82	390552	75.81	ng	0.00
42) 2,4,6-Tribromophenol	16.12	330	218068	84.21	ng	0.00
45) 2-Fluorobiphenyl	13.25	172	927185	81.11	ng	0.00
79) Terphenyl-d14	19.99	244	1800886	89.29	ng	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	3.45	88	57718	36.380 ng	98
3) Pyridine	3.84	79	159070	32.564 ng	96
4) n-Nitrosodimethylamine	3.76	42	62121	41.513 ng	89
6) Aniline	7.31	93	205889	29.855 ng	99
8) 2-Chlorophenol	7.56	128	173587	45.243 ng	99
9) Benzaldehyde	7.12	77	58050	14.492 ng	99
10) Phenol	7.18	94	234348	44.153 ng	96
11) bis(2-Chloroethyl)ether	7.41	93	160152	37.898 ng	98
12) 1,3-Dichlorobenzene	7.88	146	185898	41.118 ng	97
13) 1,4-Dichlorobenzene	8.02	146	188192	41.774 ng	96
14) 1,2-Dichlorobenzene	8.35	146	172357	39.991 ng	96
15) Benzyl Alcohol	8.23	79	167220	37.603 ng	95
16) 2,2'-oxybis(1-Chloropropan	8.52	45	143985	34.710 ng	96
17) 2-Methylphenol	8.44	107	156684	38.261 ng	96
18) Hexachloroethane	9.07	117	70806	41.809 ng	94
19) n-Nitroso-di-n-propylamine	8.79	70	137762	36.726 ng	98
20) 3+4-Methylphenols	8.76	107	210129	36.659 ng	97
22) Acetophenone	8.81	105	254608	40.052 ng	97
24) Nitrobenzene	9.19	77	211818	40.111 ng	97
25) Isophorone	9.71	82	390019	36.968 ng	99
26) 2-Nitrophenol	9.90	139	95006	41.767 ng	97
27) 2,4-Dimethylphenol	9.97	122	157986	43.772 ng	95
28) bis(2-Chloroethoxy)methane	10.20	93	218464	39.411 ng	98
29) 2,4-Dichlorophenol	10.45	162	180901	43.407 ng	94
30) 1,2,4-Trichlorobenzene	10.66	180	190631	40.400 ng	99
31) Naphthalene	10.85	128	522486	40.630 ng	99
32) Benzoic acid	10.11	122	109502	38.943 ng	96
33) 4-Chloroaniline	10.95	127	127484	21.257 ng	98
34) Hexachlorobutadiene	11.15	225	135420	41.859 ng	96
35) Caprolactam	11.71	113	62301m	37.561 ng	
36) 4-Chloro-3-methylphenol	12.08	107	203352	41.536 ng	97
37) 2-Methylnaphthalene	12.46	142	411079	41.185 ng	99
38) 1-Methylnaphthalene	12.68	142	383693m	40.720 ng	
40) 1,2,4,5-Tetrachlorobenzene	12.83	216	223810	41.471 ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.82	237	320278	94.951	nq	99
43) 2,4,6-Trichlorophenol	13.06	196	165760	43.519	nq	98
44) 2,4,5-Trichlorophenol	13.14	196	173563	40.033	nq	97
46) 1,1'-Biphenyl	13.46	154	514266	40.366	nq	98
47) 2-Chloronaphthalene	13.50	162	399852	41.075	nq	99
48) 2-Nitroaniline	13.70	65	131965	41.202	nq	99
49) Acenaphthylene	14.36	152	658086	41.503	nq	98
50) Dimethylphthalate	14.09	163	551089	40.378	nq	98
51) 2,6-Dinitrotoluene	14.20	165	126106	41.310	nq	96
52) Acenaphthene	14.70	154	512123m	47.735	nq	
53) 3-Nitroaniline	14.53	138	91720	27.395	nq	95
54) 2,4-Dinitrophenol	14.74	184	163286	89.954	nq	95
55) Dibenzofuran	15.03	168	655461	41.906	nq	99
56) 4-Nitrophenol	14.85	139	218912	84.327	nq	98
57) 2,4-Dinitrotoluene	14.99	165	187540	42.038	nq	# 93
58) Fluorene	15.68	166	550006	43.050	nq	100
59) 2,3,4,6-Tetrachlorophenol	15.26	232	175194	45.415	nq	98
60) Diethylphthalate	15.45	149	584539	41.079	nq	99
61) 4-Chlorophenyl-phenylether	15.67	204	304197	41.367	nq	99
62) 4-Nitroaniline	15.69	138	137350	39.552	nq	93
63) Azobenzene	15.97	77	554148	42.240	nq	98
65) 4,6-Dinitro-2-methylphenol	15.75	198	124946	43.581	nq	96
66) n-Nitrosodiphenylamine	15.88	169	492060	39.264	nq	99
67) 4-Bromophenyl-phenylether	16.57	248	210234	37.362	nq	95
68) Hexachlorobenzene	16.69	284	231869	39.732	nq	98
69) Atrazine	16.83	200	212001	46.545	nq	99
70) Pentachlorophenol	17.03	266	301281	84.155	nq	99
71) Phenanthrene	17.42	178	937326	41.819	nq	98
72) Anthracene	17.52	178	968385	43.071	nq	99
73) Carbazole	17.78	167	918974	40.277	nq	98
74) Di-n-butylphthalate	18.34	149	1116044	44.925	nq	100
75) Fluoranthene	19.43	202	1254665	48.042	nq	98
77) Benzidine	19.61	184	681922	54.863	nq	99
78) Pyrene	19.80	202	1233728	40.709	nq	99
80) Butylbenzylphthalate	20.68	149	518081	41.241	nq	99
81) Benzo(a)anthracene	21.62	228	1189752	41.757	nq	99
82) 3,3'-Dichlorobenzidine	21.54	252	360283	31.770	nq	# 98
83) Chrysene	21.69	228	1159876	42.369	nq	99
84) Bis(2-ethylhexyl)phthalate	21.54	149	714483	41.354	nq	99
85) Di-n-octyl phthalate	22.74	149	1248844	41.800	nq	100
86) Indeno(1,2,3-cd)pyrene	28.42	276	1549529	42.633	nq	# 96
88) Benzo(b)fluoranthene	23.81	252	1308166	42.494	nq	99
89) Benzo(k)fluoranthene	23.88	252	1261489	43.089	nq	99
90) Benzo(a)pyrene	24.67	252	1209843	41.624	nq	98
91) Dibenzo(a,h)anthracene	28.49	278	1259007	42.987	nq	98
92) Benzo(g,h,i)perylene	29.55	276	1264811	43.075	nq	99

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

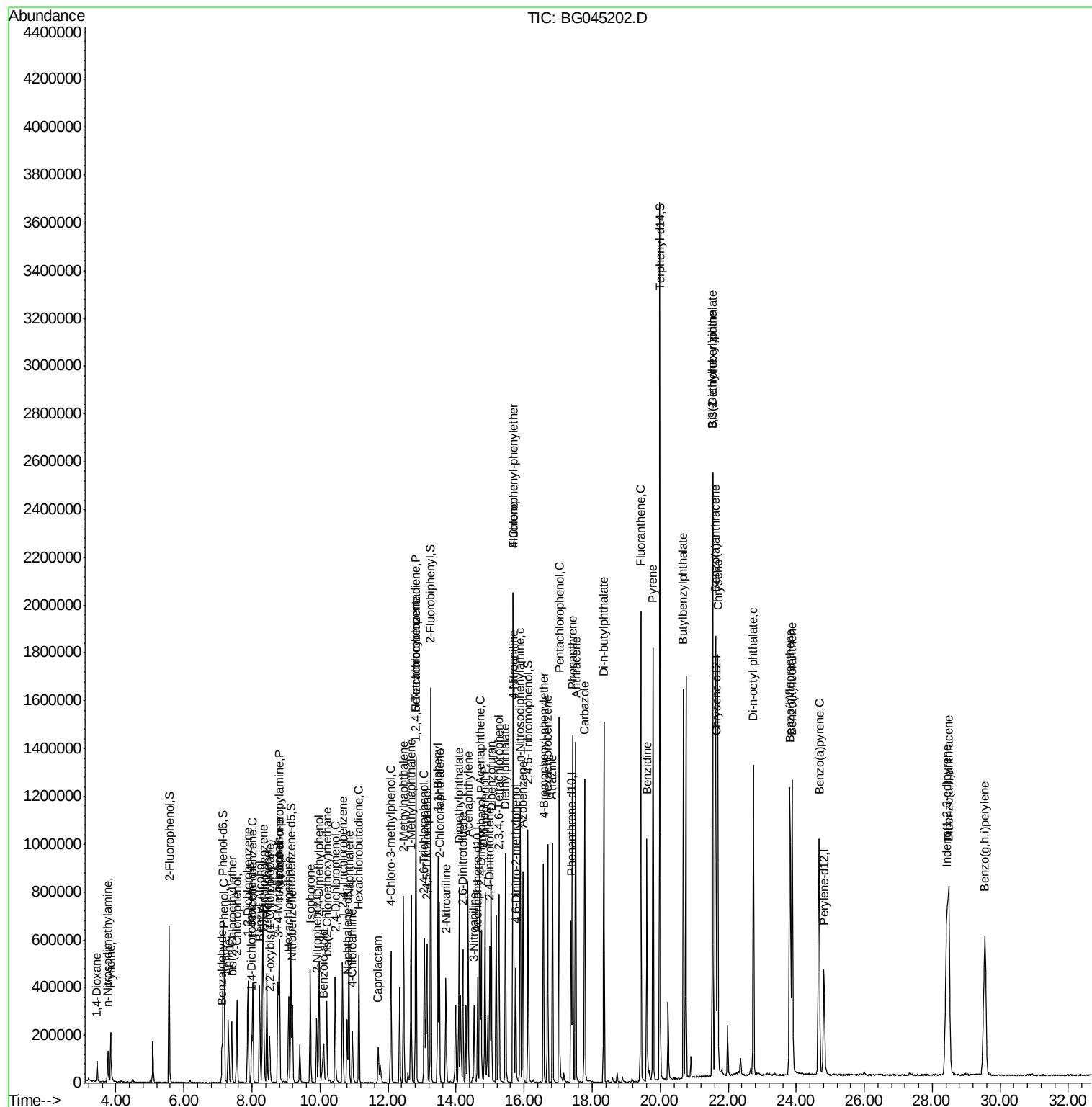
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#1

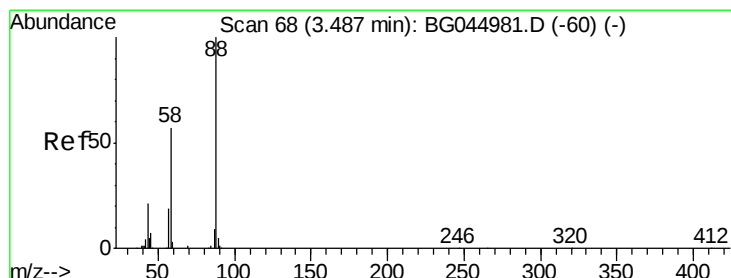
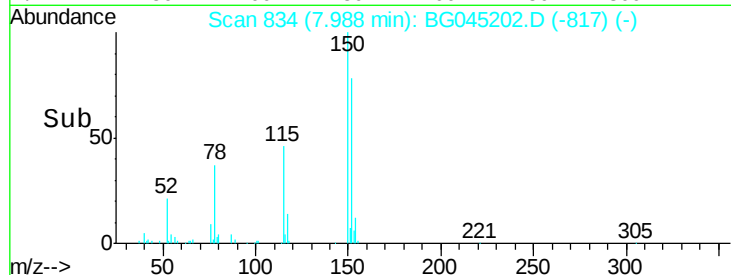
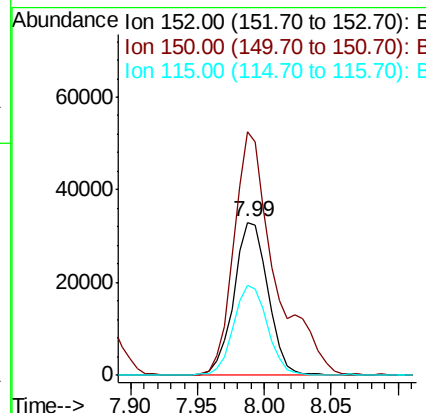
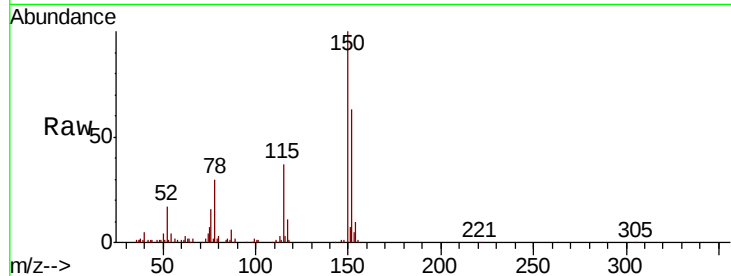
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.99 min Scan# 834
Delta R.T. -0.00 min
Lab File: BG045202.D
Acq: 29 Apr 2020 13:00

Instrument :
BNA_G
ClientSampleId :
PB128519BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.8	123.6	185.4
115	58.7	49.1	73.7

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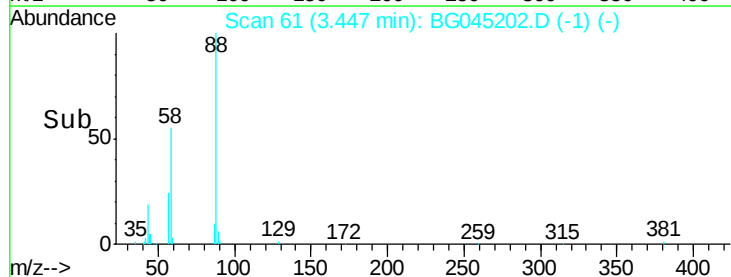
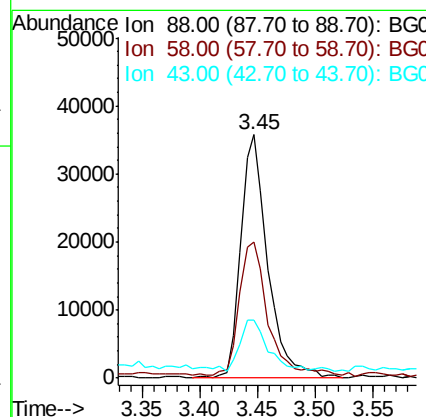
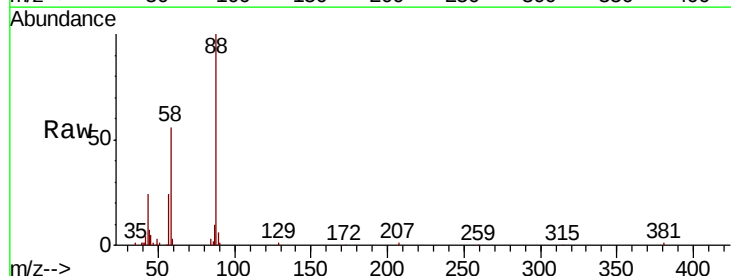
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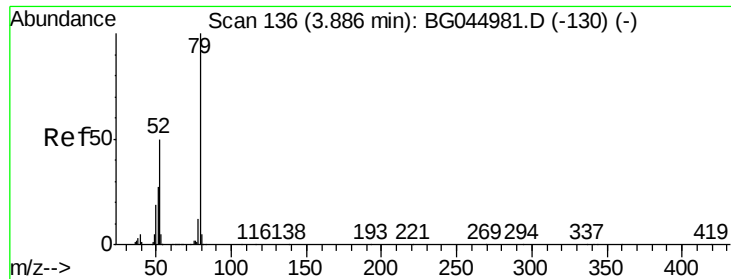


#2

1,4-Dioxane
Concen: 36.380 ng
RT: 3.45 min Scan# 61
Delta R.T. -0.00 min
Lab File: BG045202.D
Acq: 29 Apr 2020 13:00

Tgt Ion	Ratio	Lower	Upper
88	100		
58	59.5	46.6	69.8
43	20.0	17.5	26.3





#3

Pvridine

Concen: 32.564 ng

RT: 3.84 min Scan# 128

Delta R.T. -0.01 min

Lab File: BG045202.D

Acq: 29 Apr 2020 13:00

Instrument :

BNA_G

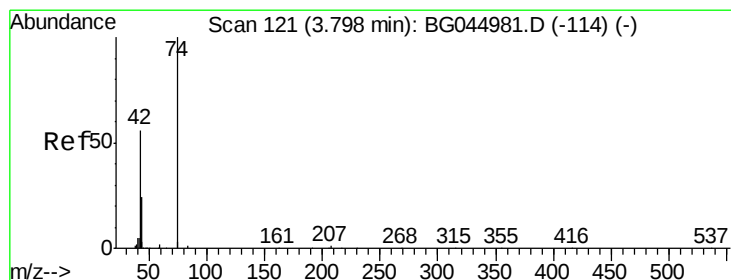
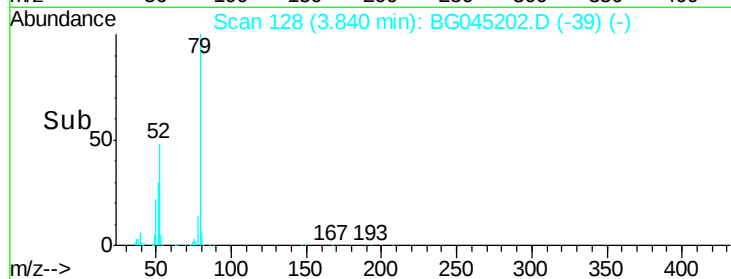
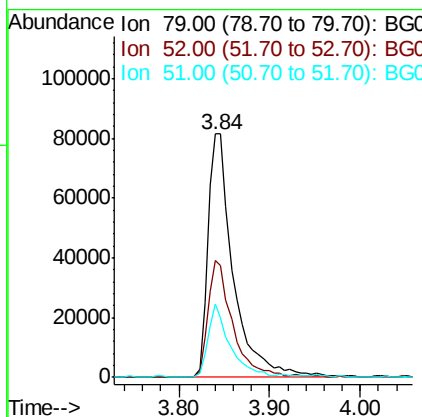
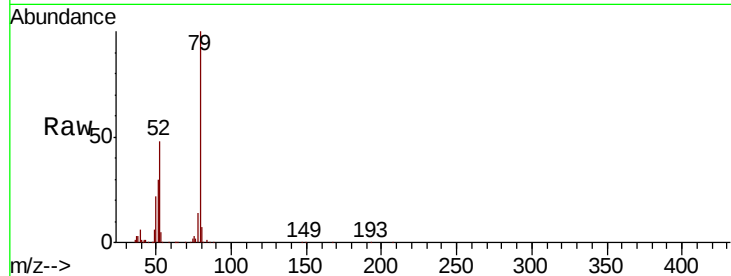
ClientSampled :

PB128519BS

Tot Ion:	79	Resp:	159070
Ion	Ratio	Lower	Upper
79	100		
52	47.8	39.8	59.6
51	30.4	21.4	32.2

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#4

n-Nitrosodimethylamine

Concen: 41.513 ng

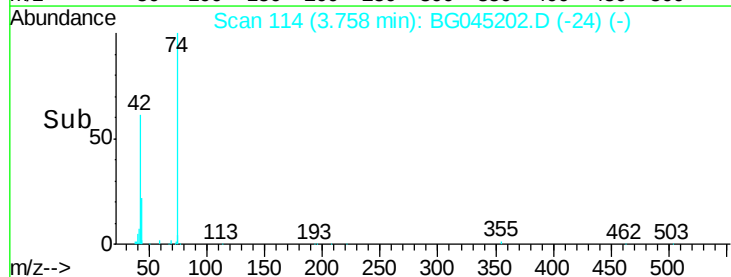
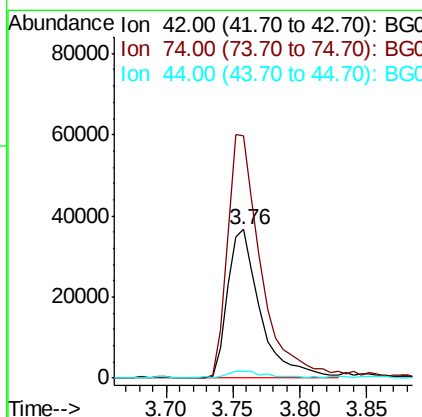
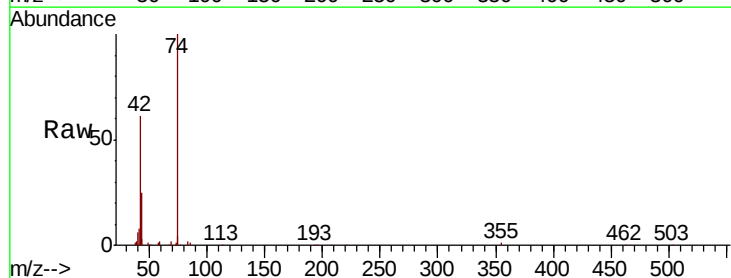
RT: 3.76 min Scan# 114

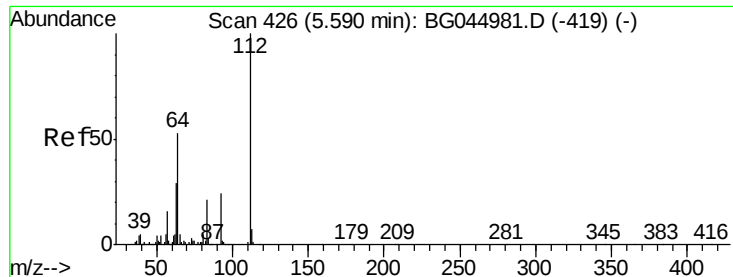
Delta R.T. -0.00 min

Lab File: BG045202.D

Acq: 29 Apr 2020 13:00

Tgt Ion:	42	Resp:	62121
Ion	Ratio	Lower	Upper
42	100		
74	163.3	143.0	214.6
44	4.9	4.6	6.8





#5

2-Fluorophenol

Concen: 87.524 ng

RT: 5.56 min Scan# 421

Delta R.T. 0.00 min

Lab File: BG045202.D

Acq: 29 Apr 2020 13:00

Instrument :

BNA_G

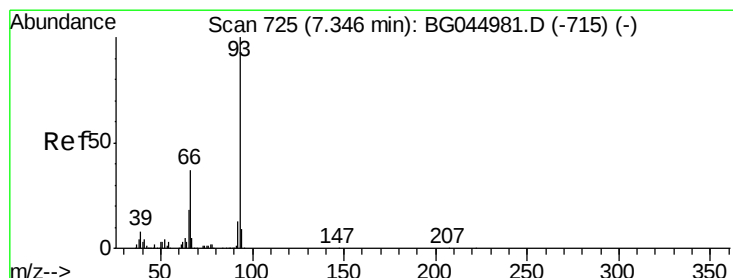
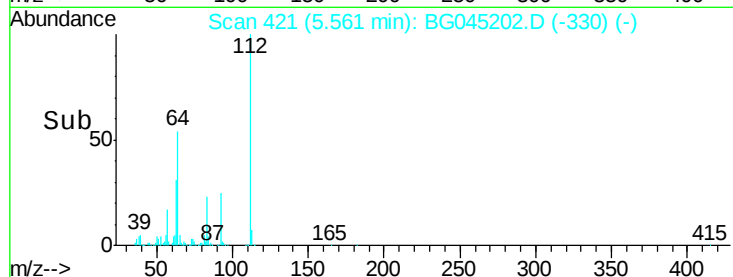
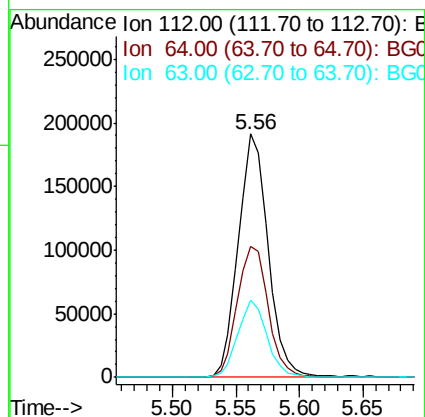
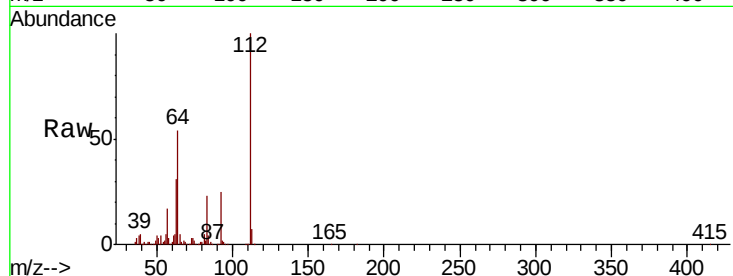
ClientSampleId :

PB128519BS

Tot Ion:	112	Resp:	312458
Ion Ratio	Lower	Upper	
112	100		
64	53.9	42.4	63.6
63	31.5	23.1	34.7

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#6

Aniline

Concen: 29.855 ng

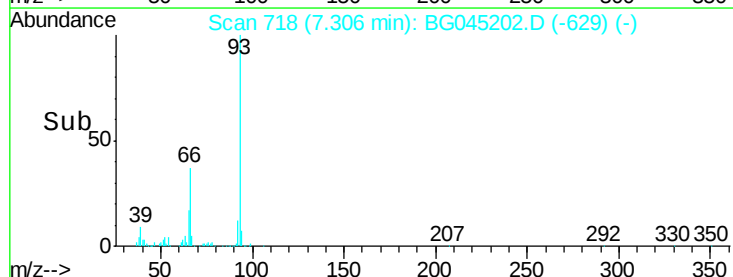
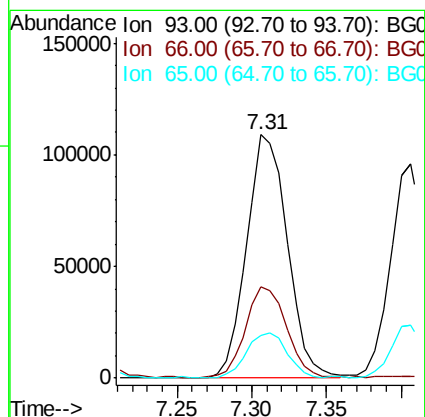
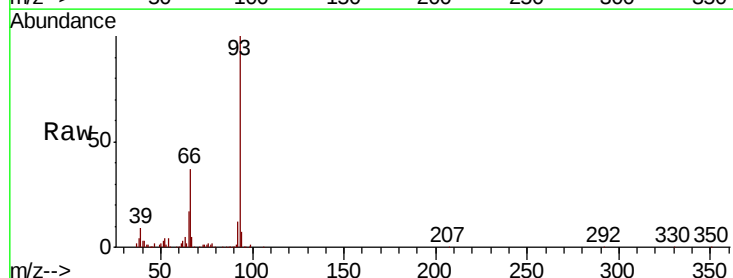
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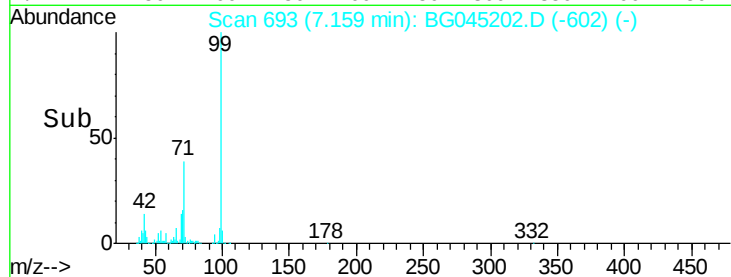
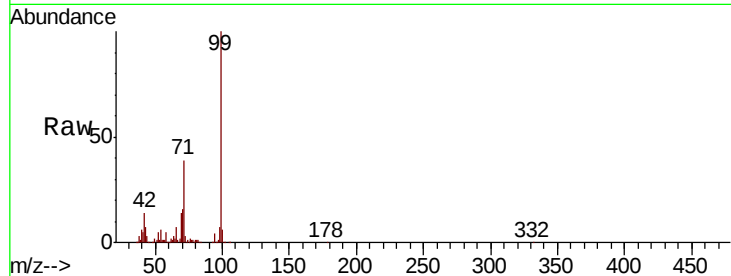
Delta R.T. -0.01 min

Lab File: BG045202.D

Acq: 29 Apr 2020 13:00

Tgt Ion:	93	Resp:	205889
Ion Ratio	Lower	Upper	
93	100		
66	37.3	29.8	44.8
65	17.4	14.6	22.0





#7

Phenol-d6

Concen: 81.931 ng

RT: 7.16 min Scan# 693

Delta R.T. 0.00 min

Lab File: BG045202.D

Acq: 29 Apr 2020 13:00

Tot Ion:	99	Resp:	434566
Ion	Ratio	Lower	Upper
99	100		
42	14.3	11.3	16.9
71	38.7	28.3	42.5

Instrument :

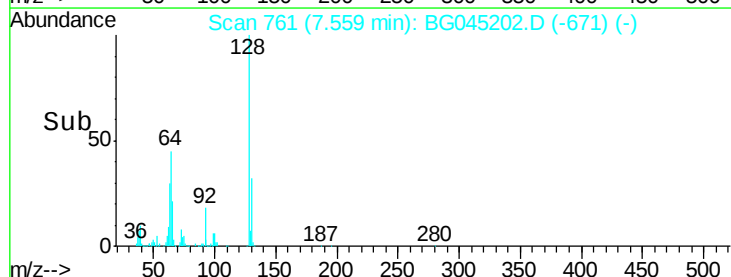
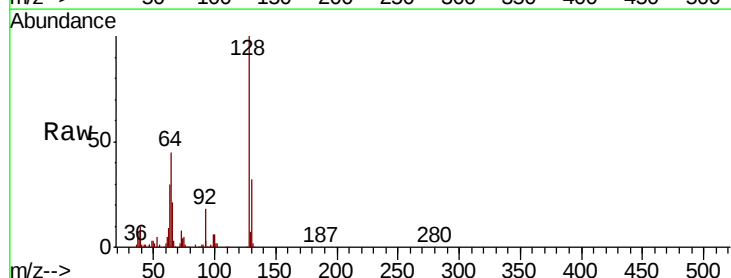
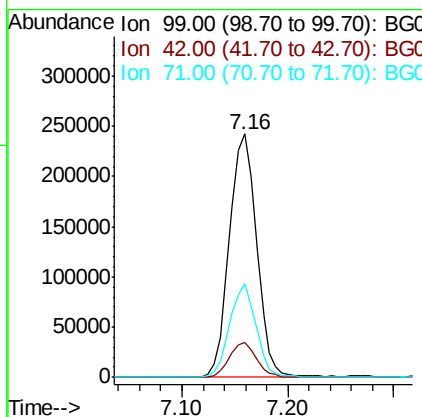
BNA_G

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#8

2-Chlorophenol

Concen: 45.243 ng

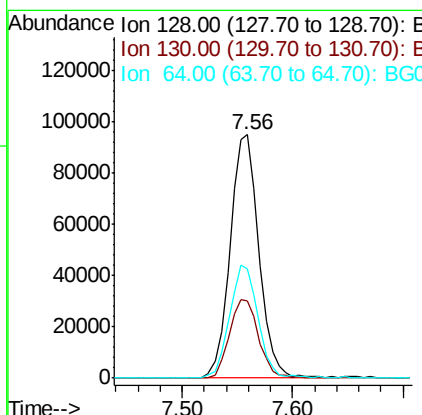
RT: 7.56 min Scan# 761

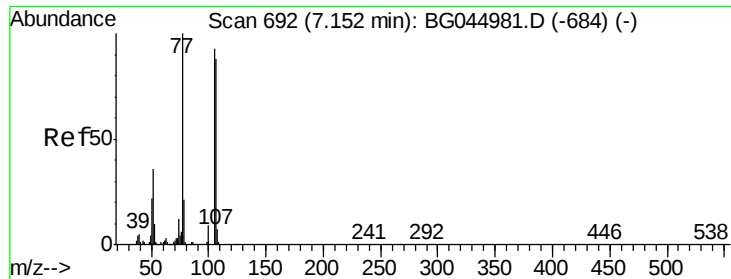
Delta R.T. -0.00 min

Lab File: BG045202.D

Acq: 29 Apr 2020 13:00

Tgt Ion:	128	Resp:	173587
Ion	Ratio	Lower	Upper
128	100		
130	31.7	12.3	52.3
64	44.8	24.4	64.4





#9

Benzaldehyde

Concen: 14.492 ng

RT: 7.12 min Scan# 686

Delta R.T. -0.00 min

Lab File: BG045202.D

Acq: 29 Apr 2020 13:00

Instrument :

BNA_G

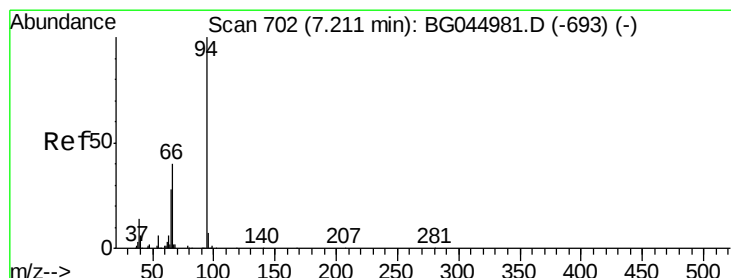
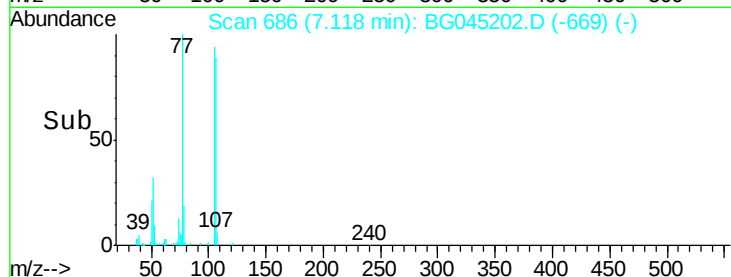
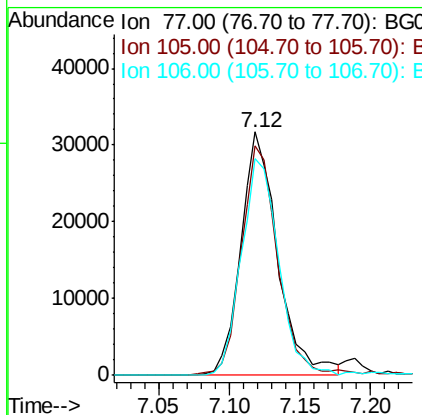
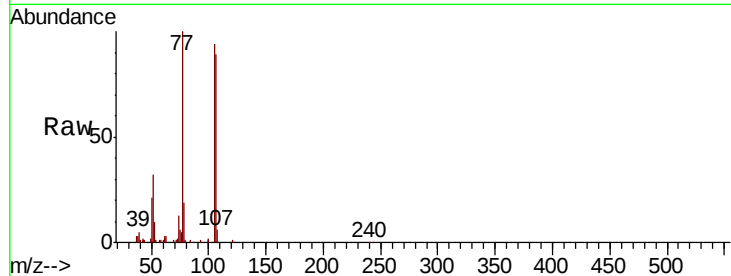
ClientSampleId :

PB128519BS

Tot Ion:	77	Resp:	58050
Ion	Ratio	Lower	Upper
77	100		
105	94.5	72.9	112.9
106	88.8	67.6	107.6

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#10

Phenol

Concen: 44.153 ng

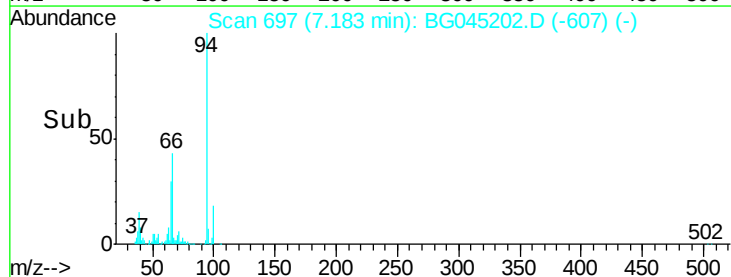
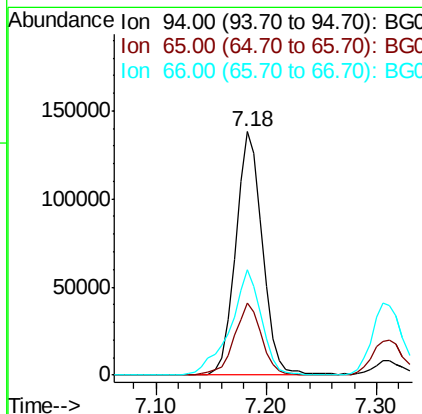
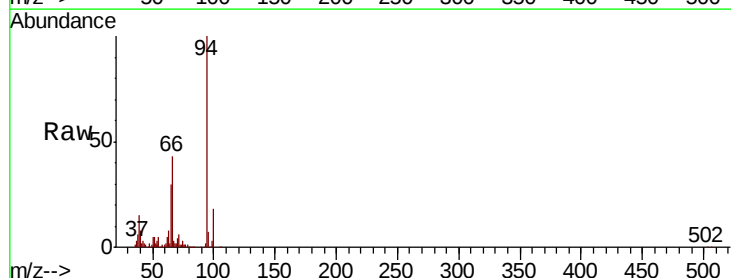
RT: 7.18 min Scan# 697

Delta R.T. -0.00 min

Lab File: BG045202.D

Acq: 29 Apr 2020 13:00

Tgt Ion:	94	Resp:	234348
Ion	Ratio	Lower	Upper
94	100		
65	29.7	8.2	48.2
66	43.1	20.4	60.4





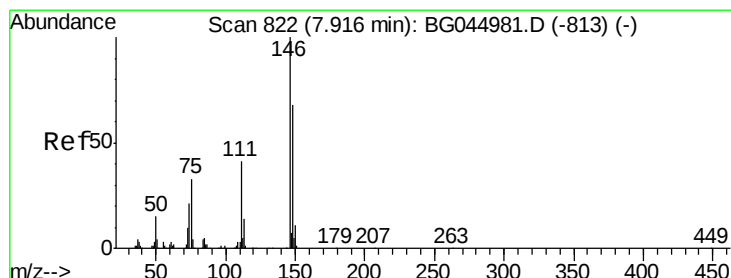
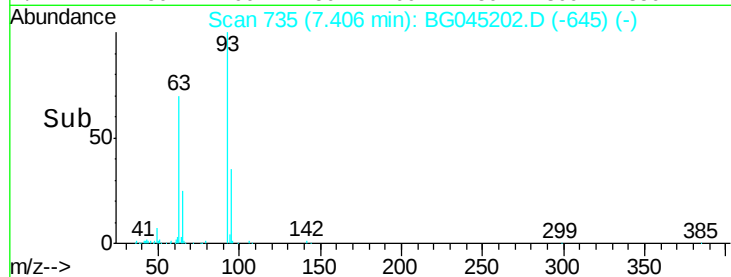
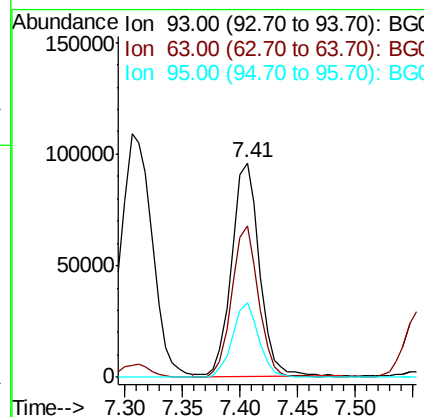
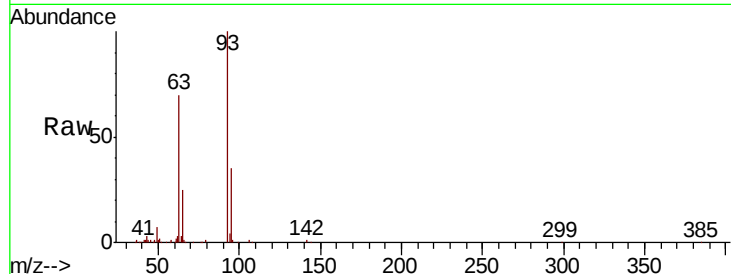
#11
bis(2-Chloroethyl)ether
Concen: 37.898 ng
RT: 7.41 min Scan# 735
Delta R.T. -0.00 min
Lab File: BG045202.D
Acq: 29 Apr 2020 13:00

Instrument :
BNA_G
ClientSampleId :
PB128519BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
93	100		160152		
63	70.4	51.8	91.8		
95	34.6	13.8	53.8		

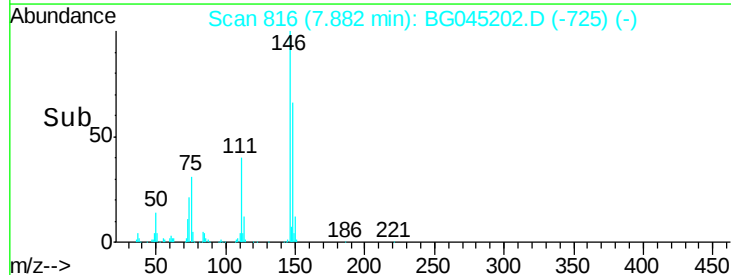
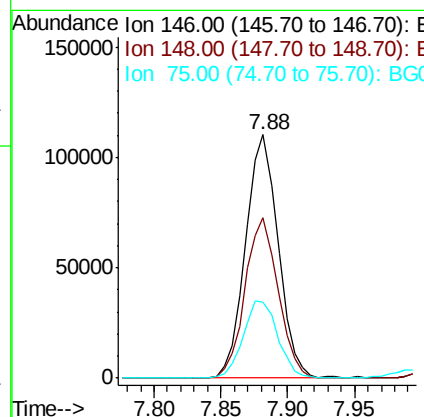
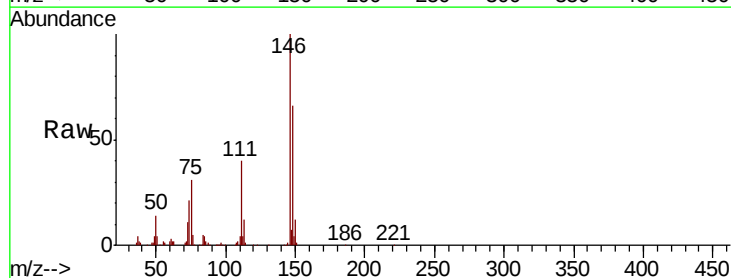
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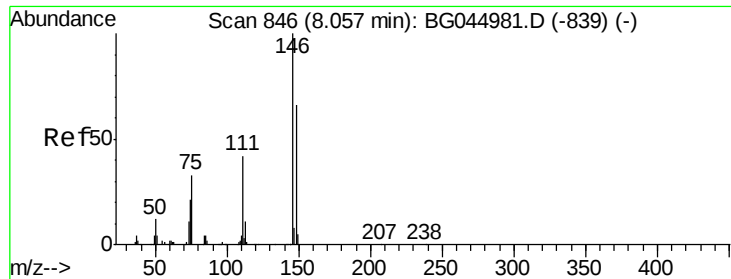
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#12
1,3-Dichlorobenzene
Concen: 41.118 ng
RT: 7.88 min Scan# 816
Delta R.T. 0.00 min
Lab File: BG045202.D
Acq: 29 Apr 2020 13:00

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
146	100		185898		
148	66.1	54.6	81.8		
75	31.1	26.0	39.0		





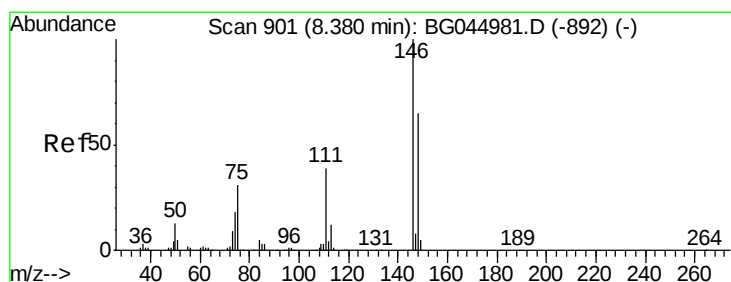
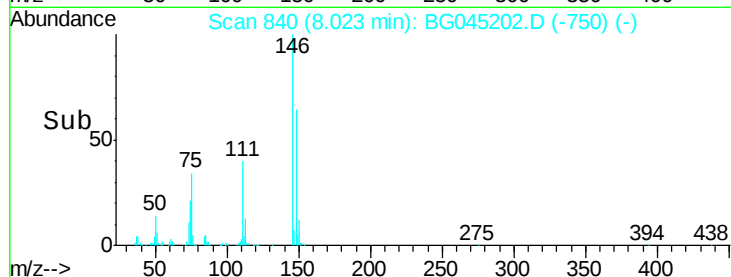
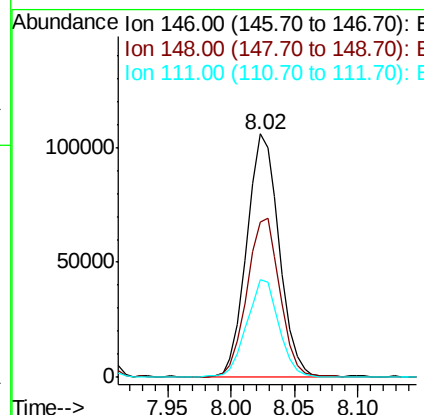
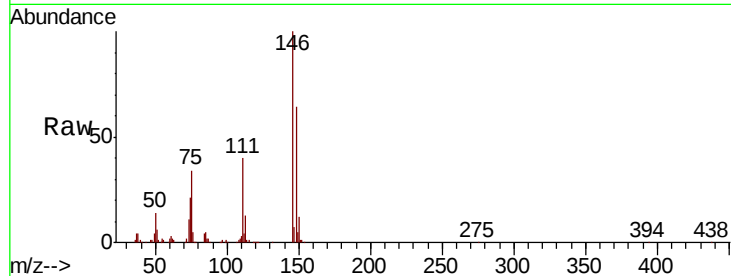
#13
 1,4-Dichlorobenzene
 Concen: 41.774 ng
 RT: 8.02 min Scan# 840
 Delta R.T. -0.00 min
 Lab File: BG045202.D
 Acq: 29 Apr 2020 13:00

Instrument :
 BNA_G
 ClientSampleId :
 PB128519BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.7	53.3	79.9
111	40.2	33.8	50.8

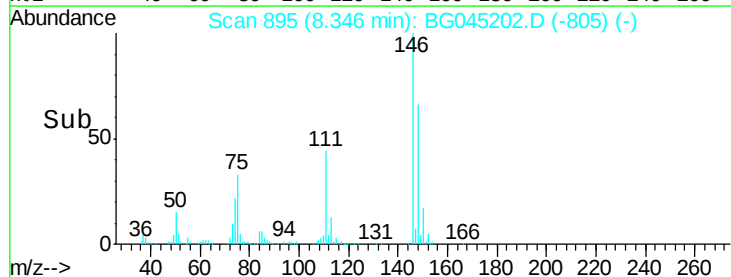
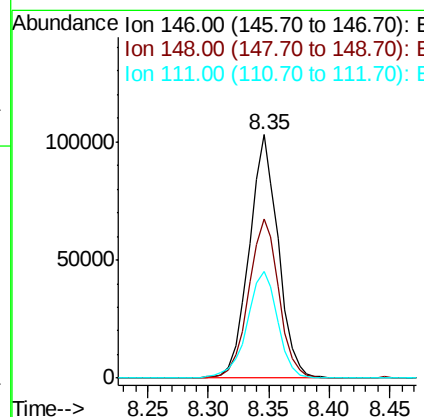
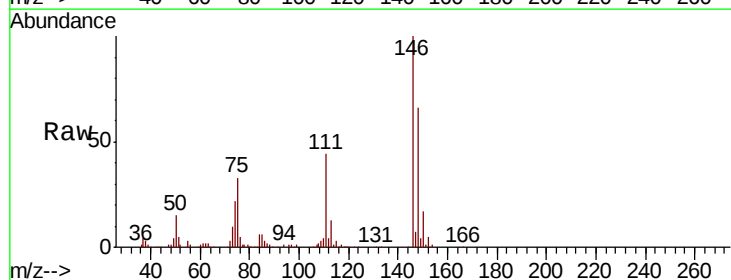
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#14
 1,2-Dichlorobenzene
 Concen: 39.991 ng
 RT: 8.35 min Scan# 895
 Delta R.T. -0.00 min
 Lab File: BG045202.D
 Acq: 29 Apr 2020 13:00

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.5	51.9	77.9
111	44.0	31.3	46.9





#15

Benzyl Alcohol

Concen: 37.603 ng

RT: 8.23 min Scan# 875

Delta R.T. 0.00 min

Lab File: BG045202.D

Acq: 29 Apr 2020 13:00

Instrument :

BNA_G

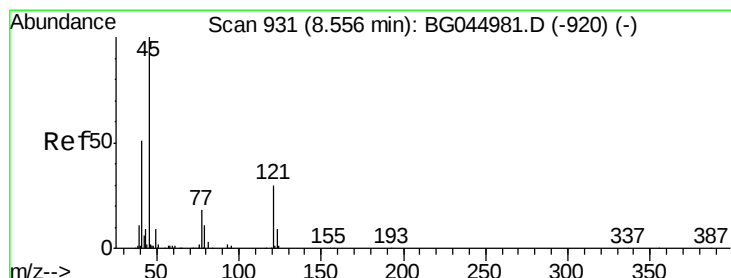
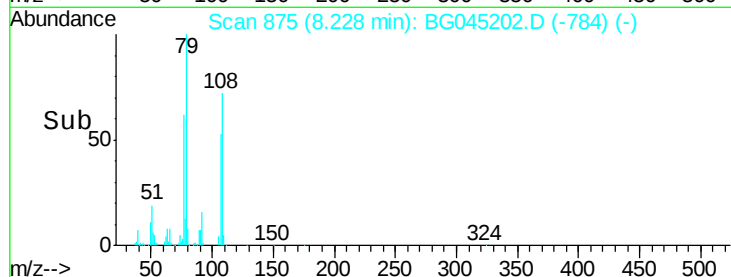
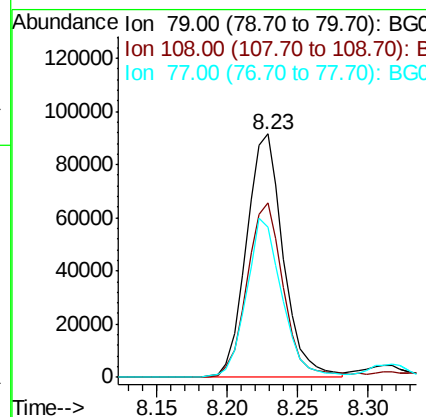
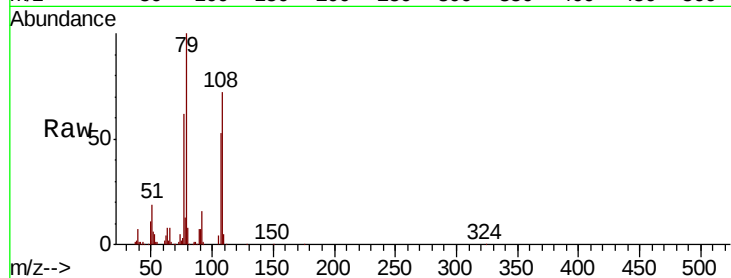
ClientSampleId :

PB128519BS

Tot Ion:	79	Resp:	167220
Ion	Ratio	Lower	Upper
79	100		
108	71.6	52.7	79.1
77	61.9	51.3	76.9

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 34.710 ng

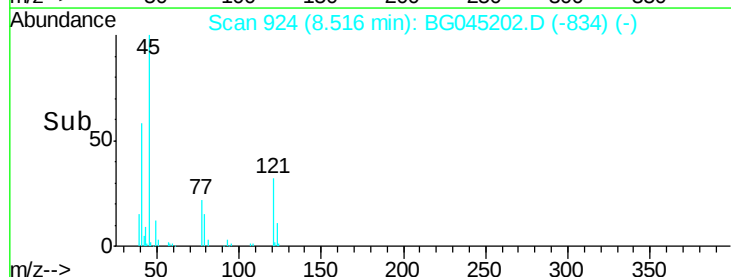
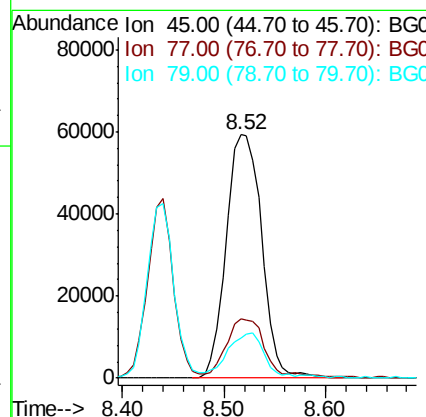
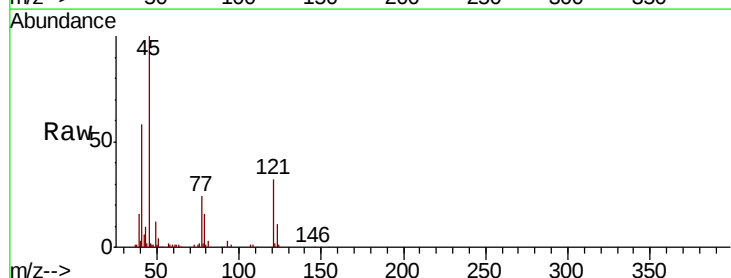
RT: 8.52 min Scan# 924

Delta R.T. -0.00 min

Lab File: BG045202.D

Acq: 29 Apr 2020 13:00

Tgt Ion:	45	Resp:	143985
Ion	Ratio	Lower	Upper
45	100		
77	24.4	1.9	41.9
79	16.4	0.0	35.5





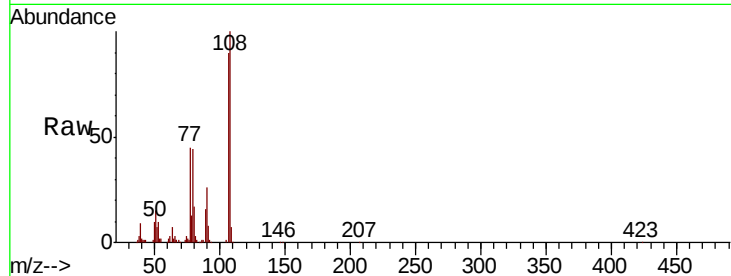
#17
2-Methylphenol
Concen: 38.261 ng
RT: 8.44 min Scan# 911
Delta R.T. 0.00 min
Lab File: BG045202.D
Acq: 29 Apr 2020 13:00

Instrument :
BNA_G
ClientSampleId :
PB128519BS

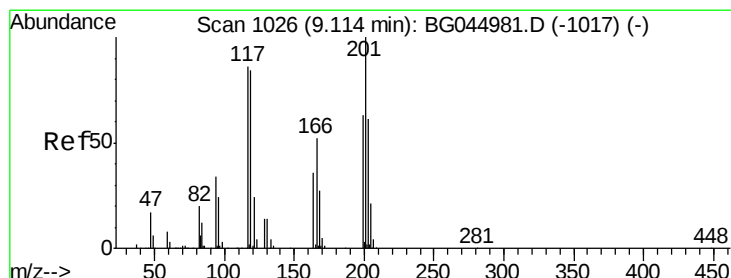
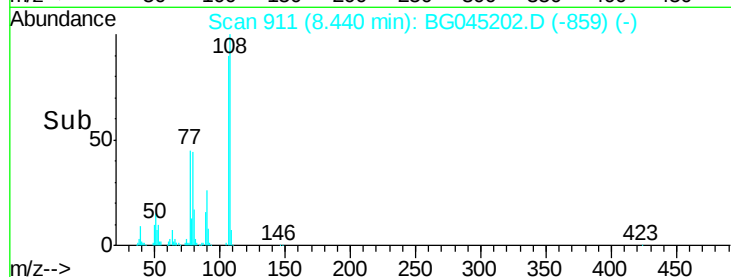
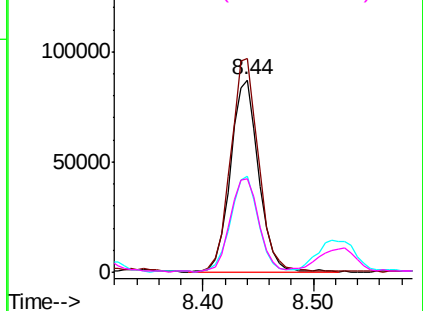
Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	111.1	93.8	140.6	
77	50.2	38.5	57.7	
79	48.8	40.1	60.1	

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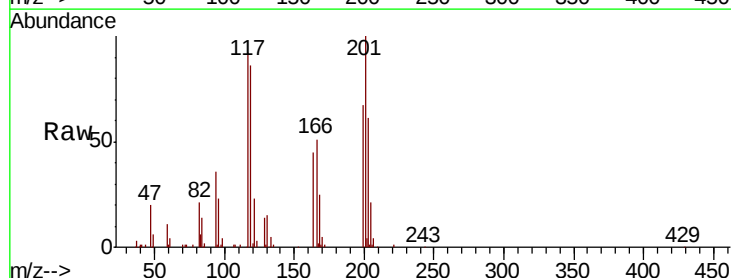


Abundance Ion 107.00 (106.70 to 107.70): E
150000 Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

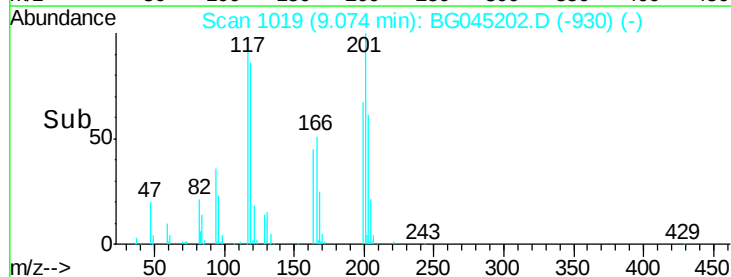
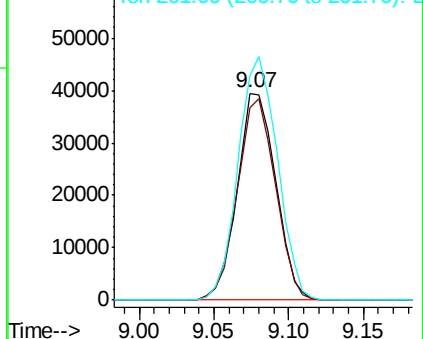


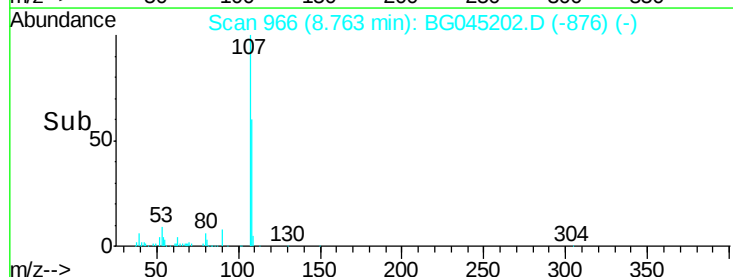
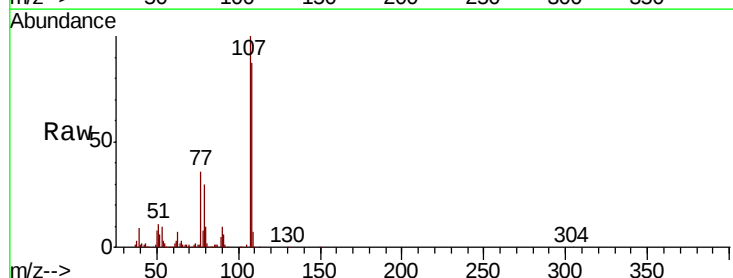
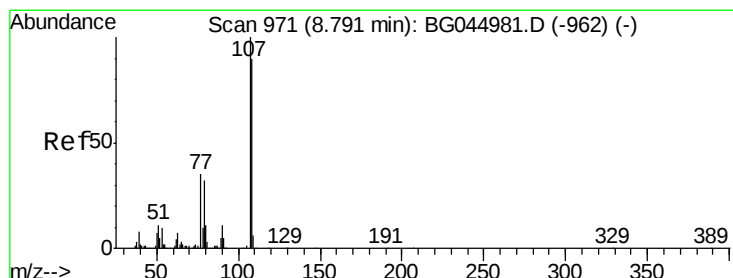
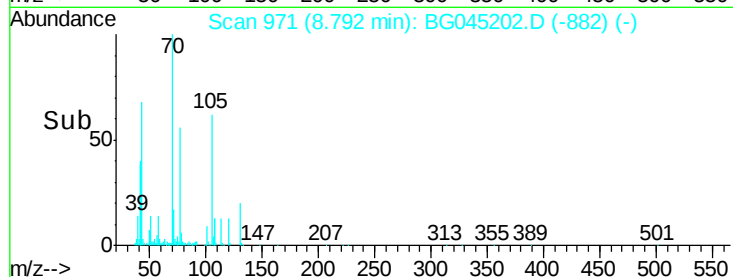
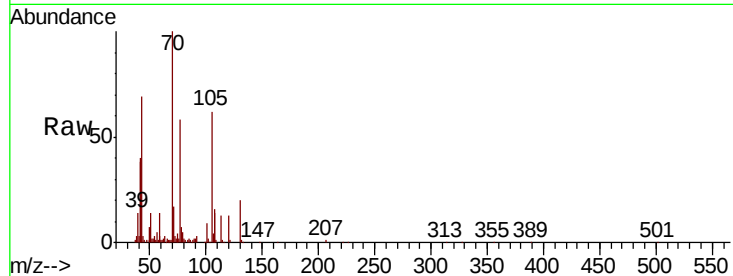
#18
Hexachloroethane
Concen: 41.809 ng
RT: 9.07 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BG045202.D
Acq: 29 Apr 2020 13:00

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	93.2	78.3	117.5	
201	108.8	92.9	139.3	



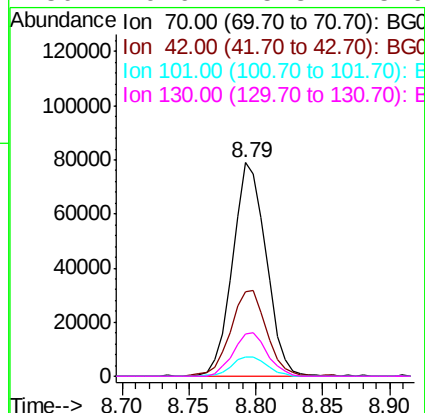
Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





#19
n-Nitroso-di-n-propylamine
Concen: 36.726 ng
RT: 8.79 min Scan# 971
Delta R.T. -0.01 min
Lab File: BG045202.D
Acq: 29 Apr 2020 13:00

Tot Ion	Ion	Ratio	Lower	Upper
137762	70	100		
	42	39.5	33.3	49.9
	101	9.2	7.8	11.8
	130	19.6	15.8	23.6



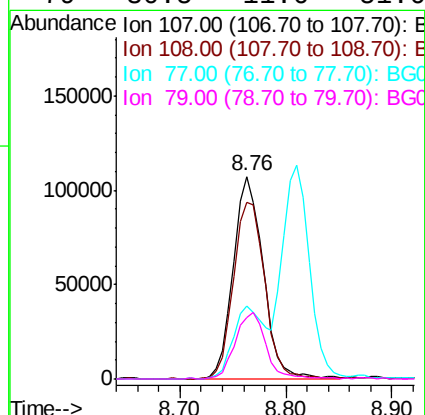
Instrument :
BNA_G
ClientSampleId :
PB128519BS

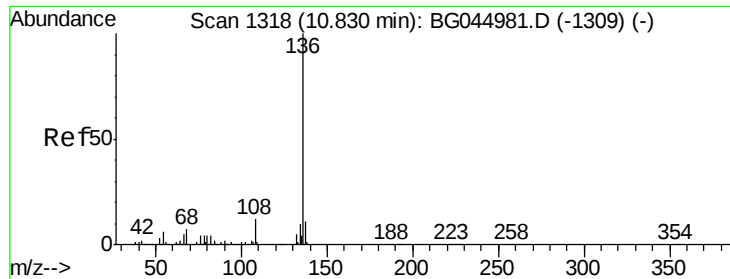
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#20
3+4-Methylphenols
Concen: 36.659 ng
RT: 8.76 min Scan# 966
Delta R.T. -0.00 min
Lab File: BG045202.D
Acq: 29 Apr 2020 13:00

Tgt Ion	Ion	Ratio	Lower	Upper
210129	107	100		
	108	87.0	69.9	109.9
	77	36.1	15.2	55.2
	79	30.5	11.6	51.6





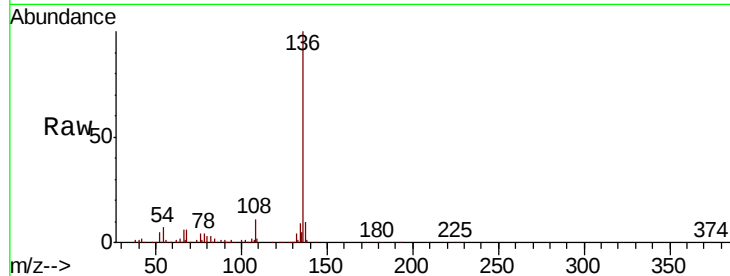
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.80 min Scan# 1313
Delta R.T. 0.00 min
Lab File: BG045202.D
Acq: 29 Apr 2020 13:00

Instrument :
BNA_G
ClientSampleId :
PB128519BS

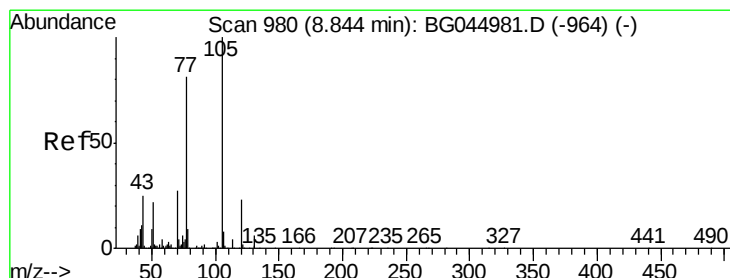
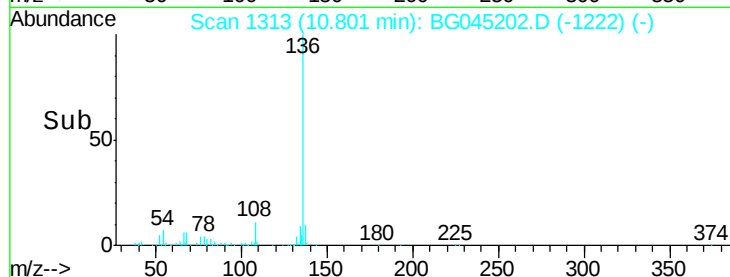
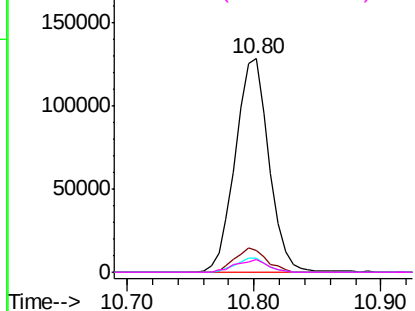
Tot Ion	Ratio	Resp	Lower	Upper
136	100	235071		
137	10.4		8.6	13.0
54	6.7		4.8	7.2
68	5.8		5.2	7.8

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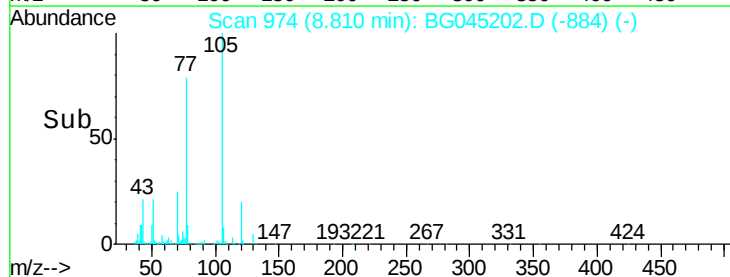
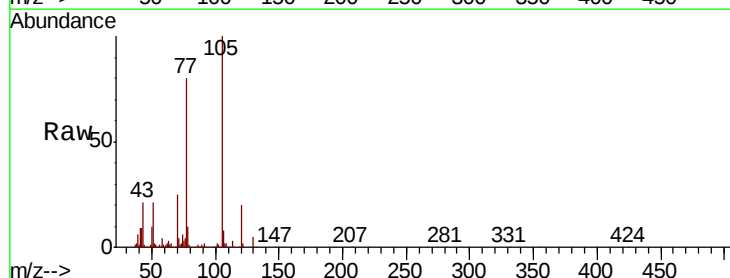
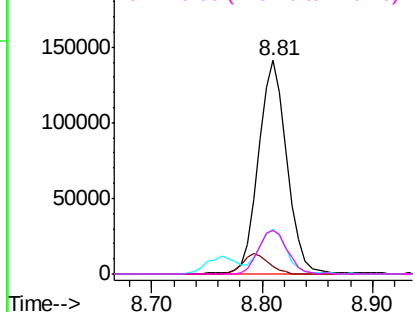
Abundance Ion 136.00 (135.70 to 136.70): E
200000
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 40.052 ng
RT: 8.81 min Scan# 974
Delta R.T. -0.00 min
Lab File: BG045202.D
Acq: 29 Apr 2020 13:00

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	254608		
71	3.6		3.3	4.9
51	21.2		17.3	25.9
120	20.1		18.4	27.6

Abundance Ion 105.00 (104.70 to 105.70): E
200000
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





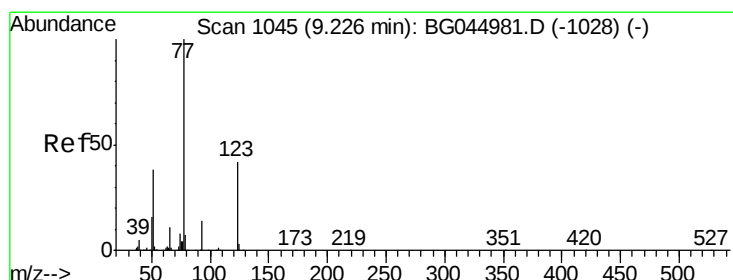
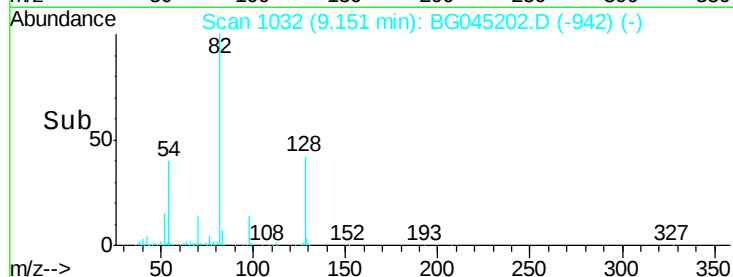
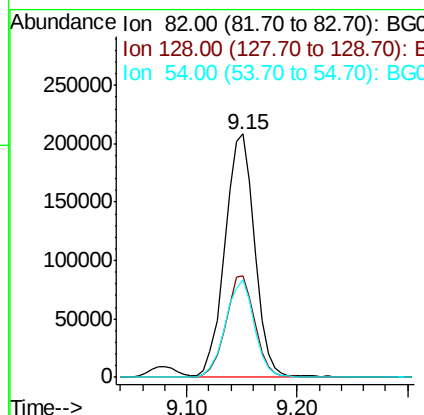
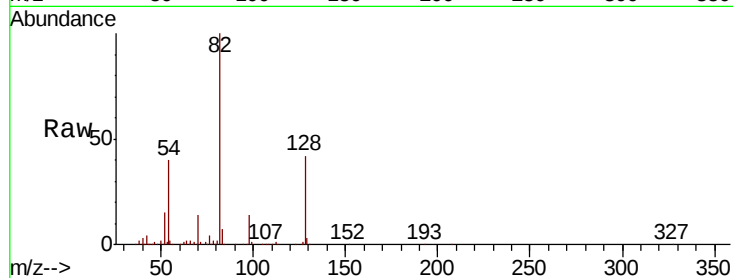
#23
 Nitrobenzene-d5
 Concen: 75.809 ng
 RT: 9.15 min Scan# 1032
 Delta R.T. -0.00 min
 Lab File: BG045202.D
 Acq: 29 Apr 2020 13:00

Instrument :
 BNA_G
 ClientSampleId :
 PB128519BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	41.7	33.0	49.4	
54	40.0	30.4	45.6	

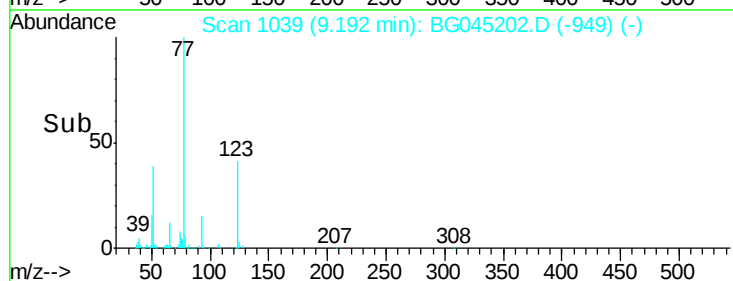
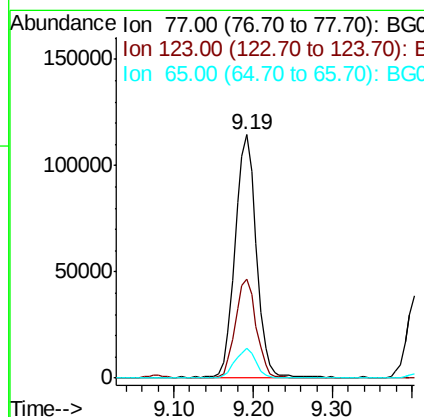
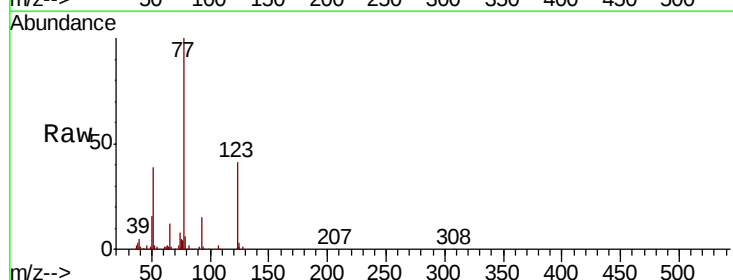
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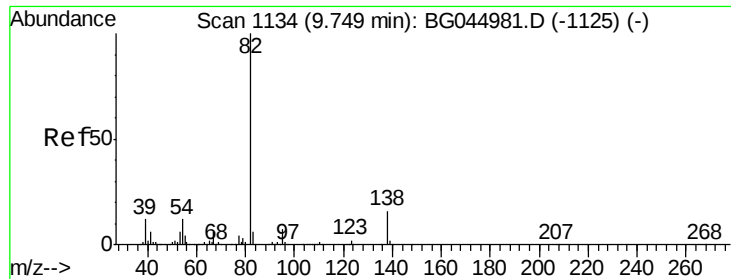
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#24
 Nitrobenzene
 Concen: 40.111 ng
 RT: 9.19 min Scan# 1039
 Delta R.T. -0.00 min
 Lab File: BG045202.D
 Acq: 29 Apr 2020 13:00

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	40.8	34.3	51.5	
65	12.4	8.9	13.3	





#25

Isophorone

Concen: 36.968 ng

RT: 9.71 min Scan# 1128

Delta R.T. -0.00 min

Lab File: BG045202.D

Acq: 29 Apr 2020 13:00

Instrument :

BNA_G

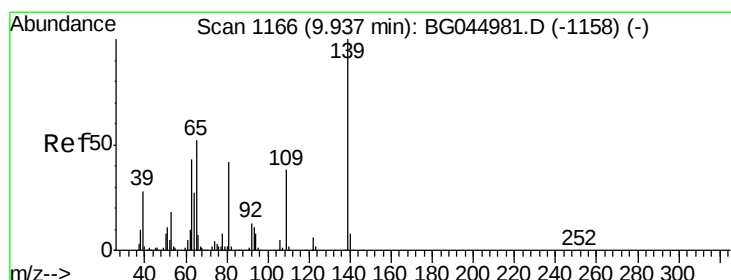
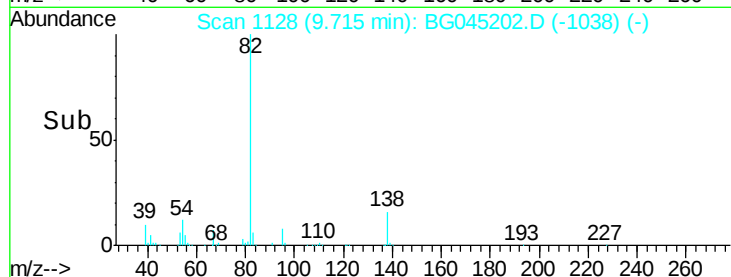
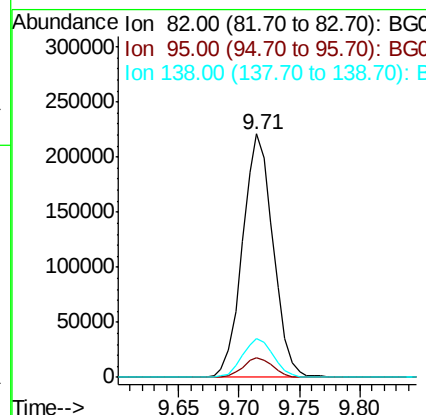
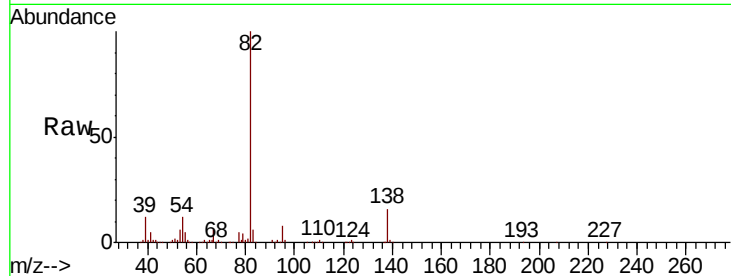
ClientSampleId :

PB128519BS

Tot Ion:	82	Resp:	390019
Ion Ratio	Lower	Upper	
82	100		
95	8.3	6.0	9.0
138	16.0	12.7	19.1

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#26

2-Nitrophenol

Concen: 41.767 ng

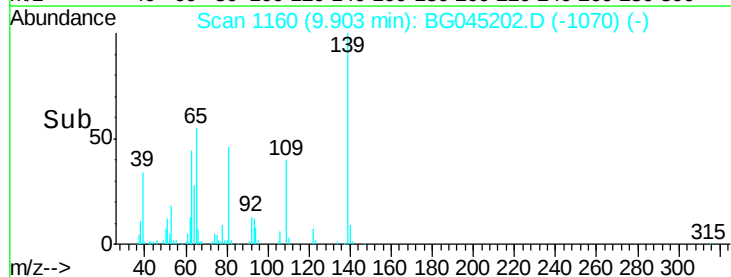
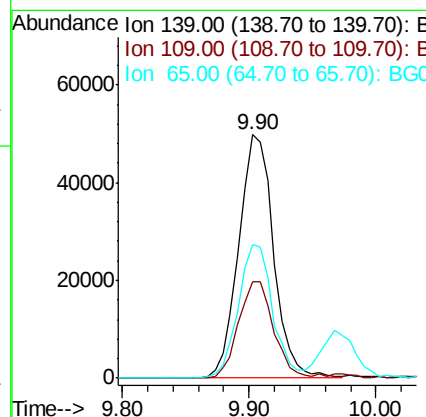
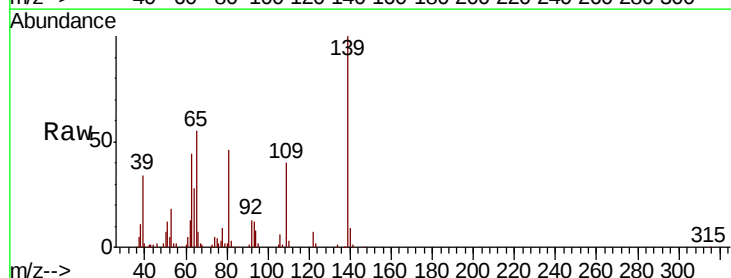
RT: 9.90 min Scan# 1160

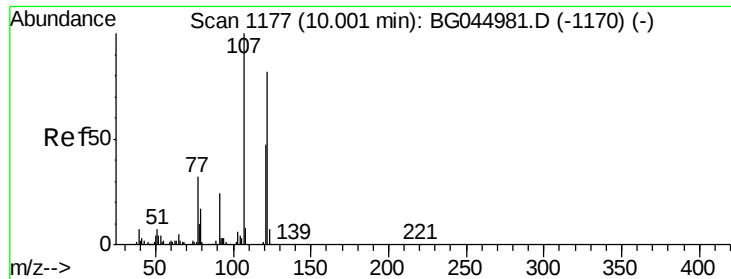
Delta R.T. -0.00 min

Lab File: BG045202.D

Acq: 29 Apr 2020 13:00

Tgt Ion:	139	Resp:	95006
Ion Ratio	Lower	Upper	
139	100		
109	39.7	30.6	45.8
65	54.8	41.8	62.6





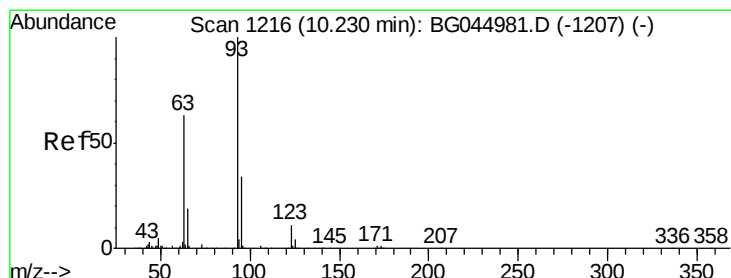
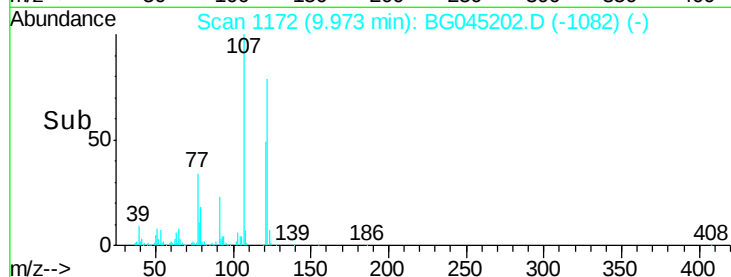
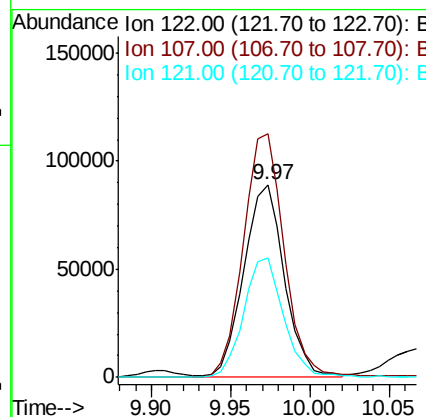
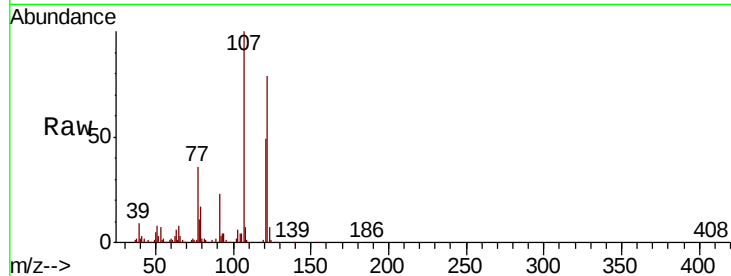
#27
 2,4-Dimethylphenol
 Concen: 43.772 ng
 RT: 9.97 min Scan# 1172
 Delta R.T. -0.00 min
 Lab File: BG045202.D
 Acq: 29 Apr 2020 13:00

Instrument :
 BNA_G
 ClientSampleId :
 PB128519BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100			
107	126.1	96.8	145.2	
121	61.6	45.6	68.4	

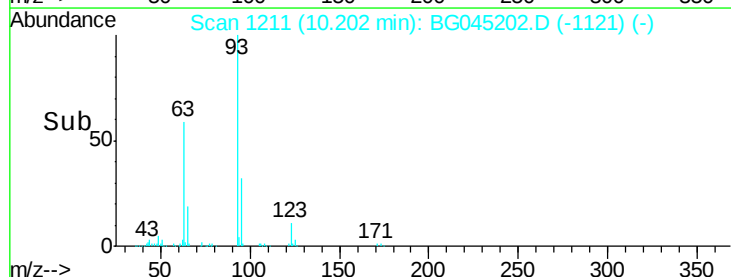
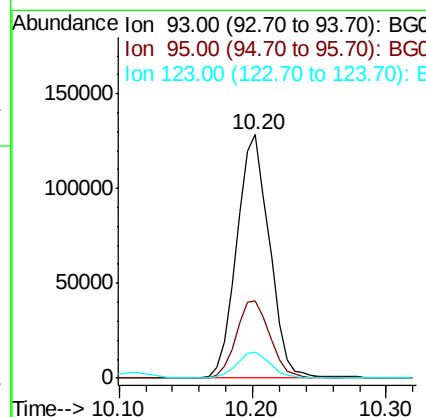
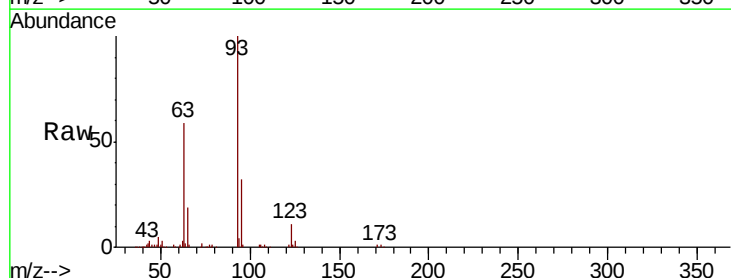
Manual Integrations
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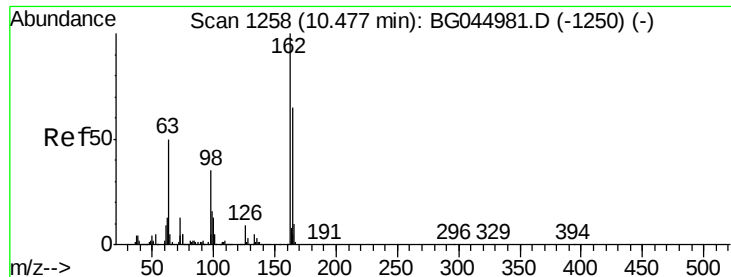
mohammad
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#28
 bis(2-Chloroethoxy)methane
 Concen: 39.411 ng
 RT: 10.20 min Scan# 1211
 Delta R.T. -0.00 min
 Lab File: BG045202.D
 Acq: 29 Apr 2020 13:00

Tgt Ion	Ratio	Resp	Lower	Upper
93	100			
95	31.9	27.0	40.4	
123	10.9	8.7	13.1	





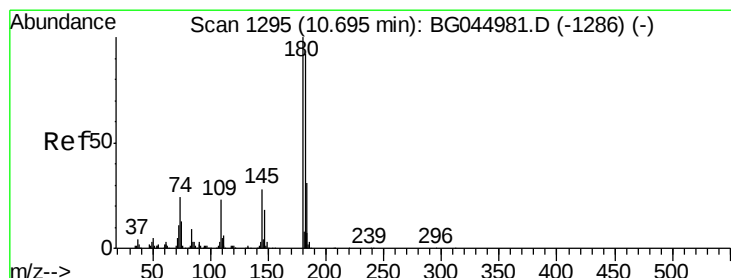
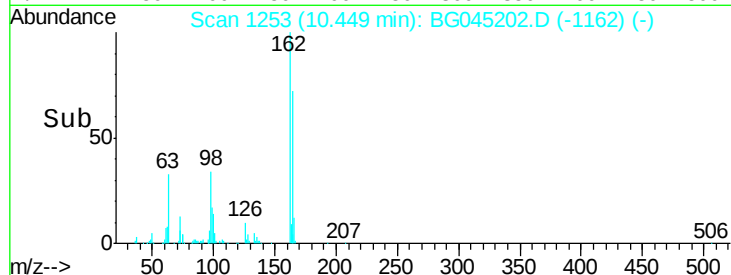
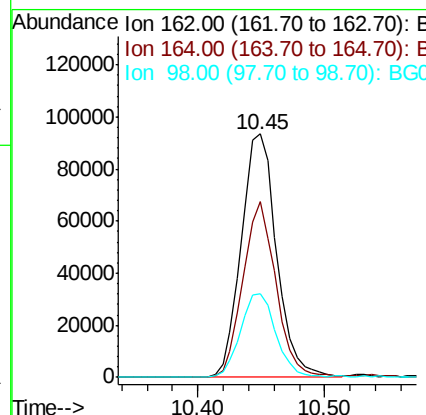
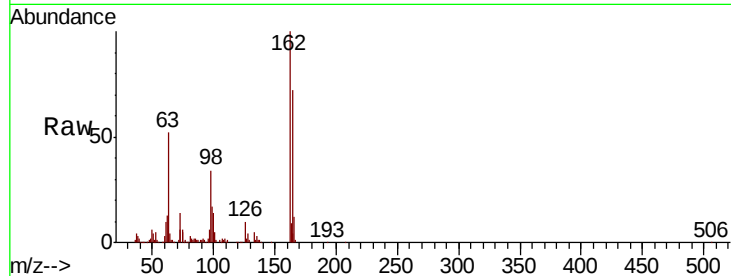
#29
 2,4-Dichlorophenol
 Concen: 43.407 ng
 RT: 10.45 min Scan# 1253
 Delta R.T. 0.00 min
 Lab File: BG045202.D
 Acq: 29 Apr 2020 13:00

Instrument :
 BNA_G
 ClientSampleId :
 PB128519BS

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	72.0	45.0	85.0
98	34.2	15.2	55.2

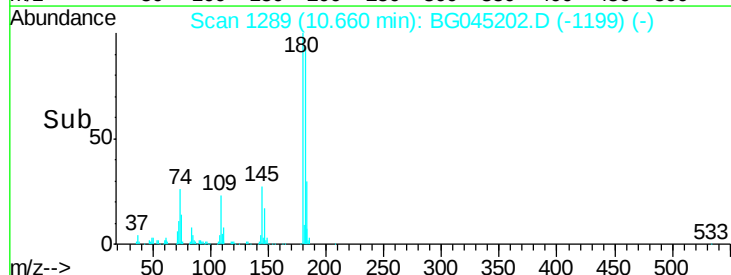
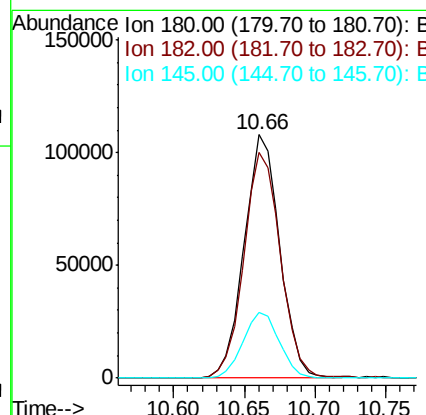
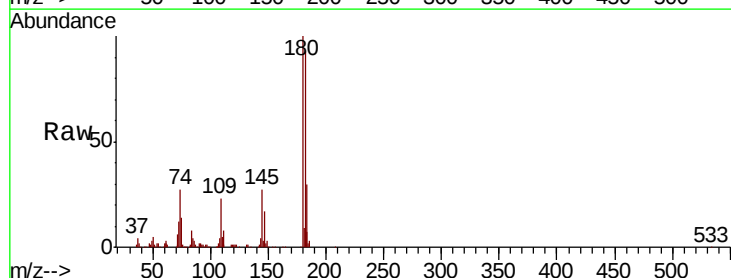
Manual Integrations
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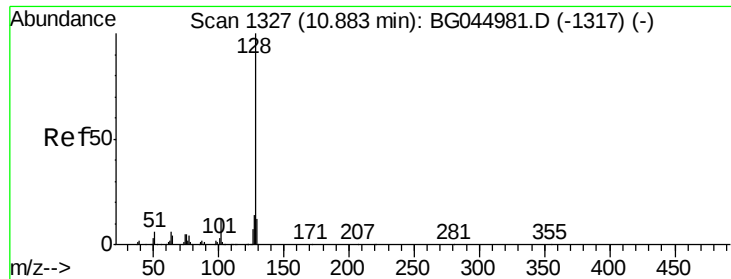
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#30
 1,2,4-Trichlorobenzene
 Concen: 40.400 ng
 RT: 10.66 min Scan# 1289
 Delta R.T. -0.00 min
 Lab File: BG045202.D
 Acq: 29 Apr 2020 13:00

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	92.6	73.3	109.9
145	27.1	22.6	33.8





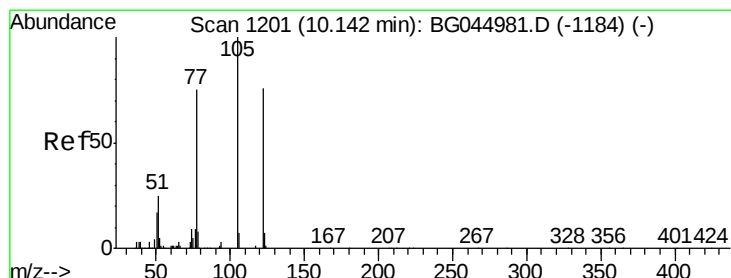
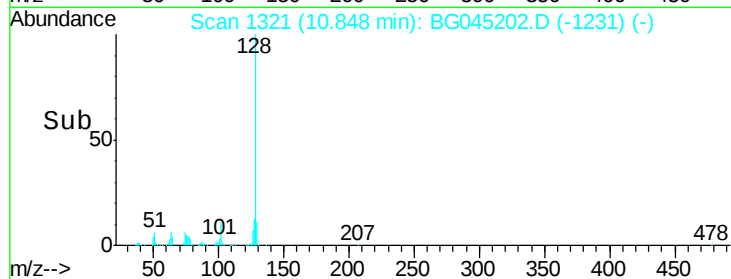
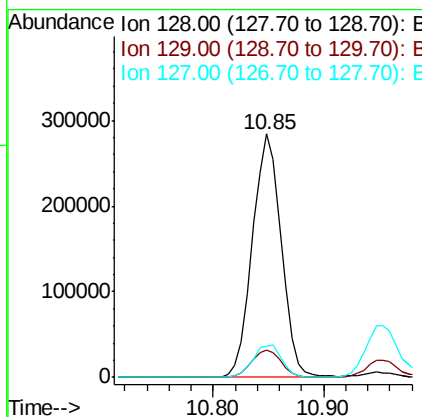
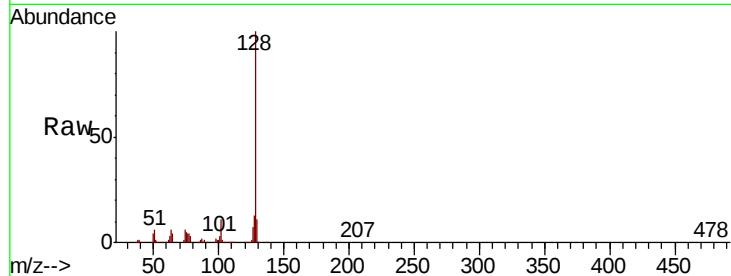
#31
Naphthalene
Concen: 40.630 ng
RT: 10.85 min Scan# 1321
Delta R.T. -0.00 min
Lab File: BG045202.D
Acq: 29 Apr 2020 13:00

Instrument :
BNA_G
ClientSampleId :
PB128519BS

Tot Ion	Ratio	Resp	Lower	Upper
128	100	522486		
129	11.3		9.4	14.2
127	13.0		10.8	16.2

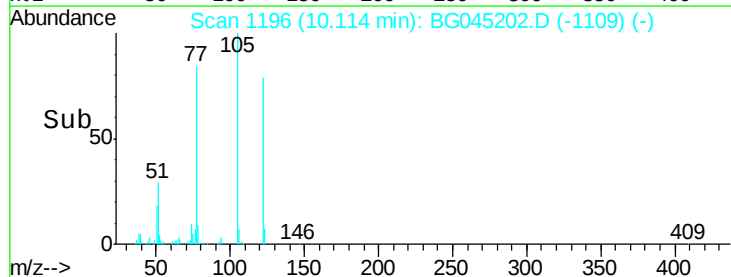
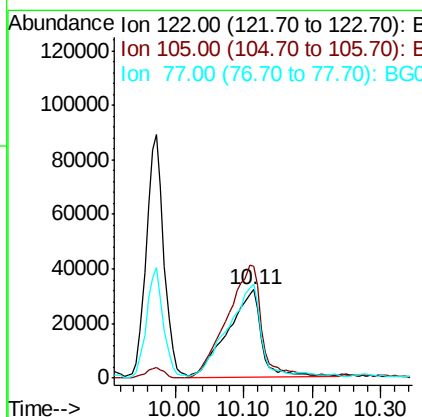
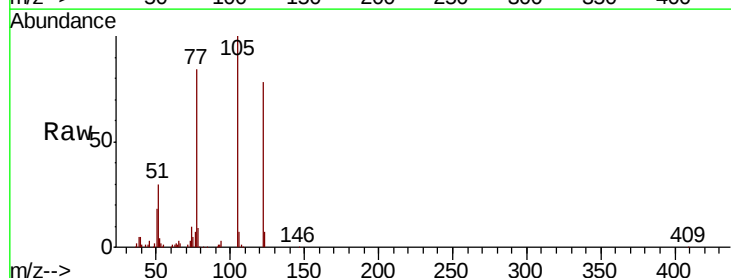
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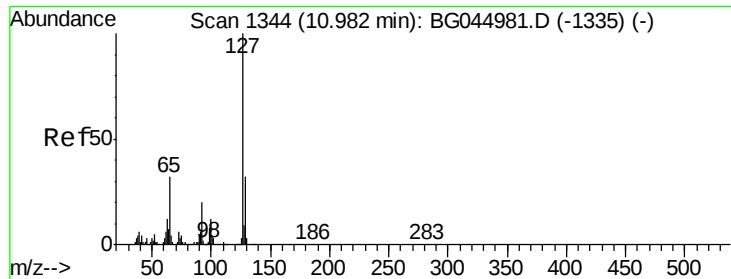
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#32
Benzoic acid
Concen: 38.943 ng
RT: 10.11 min Scan# 1196
Delta R.T. -0.02 min
Lab File: BG045202.D
Acq: 29 Apr 2020 13:00

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	109502		
105	127.5		108.4	148.4
77	107.2		78.8	118.8





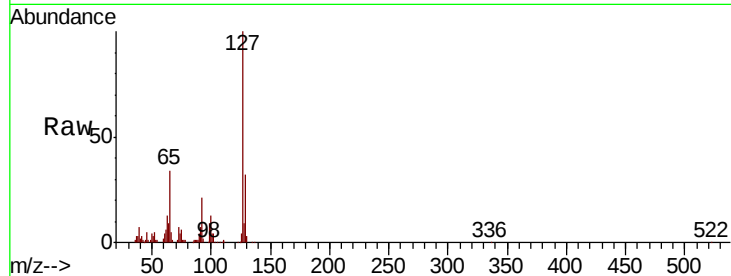
#33
4-Chloroaniline
Concen: 21.257 ng
RT: 10.95 min Scan# 1339
Delta R.T. 0.00 min
Lab File: BG045202.D
Acq: 29 Apr 2020 13:00

Instrument :
BNA_G
ClientSampleId :
PB128519BS

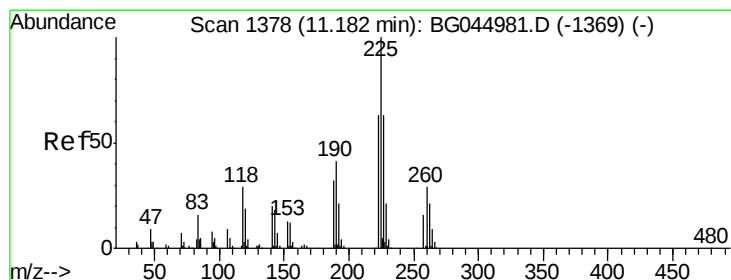
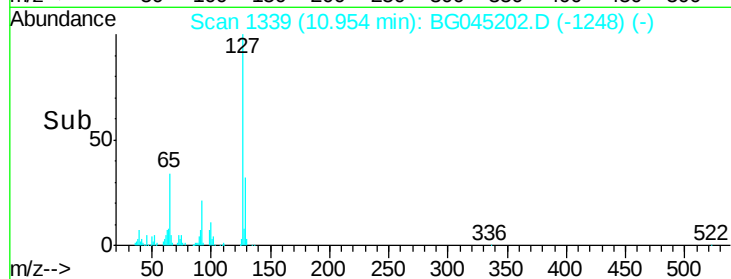
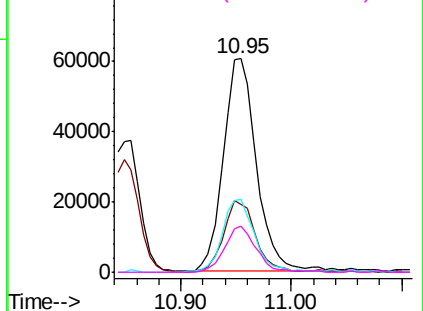
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		127484		
129	32.1	25.7	38.5		
65	34.0	25.4	38.2		
92	21.4	16.1	24.1		

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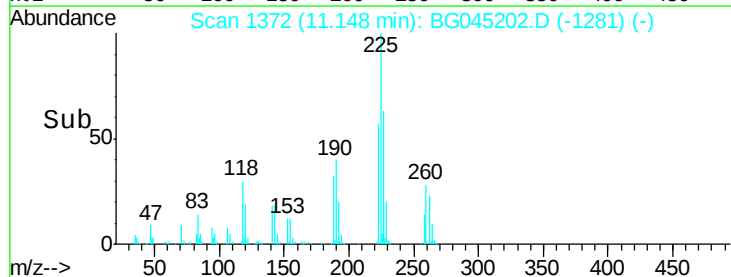
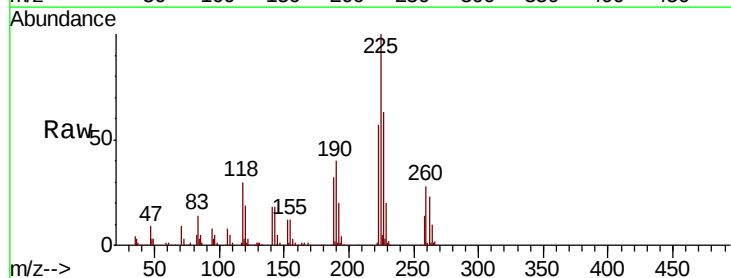
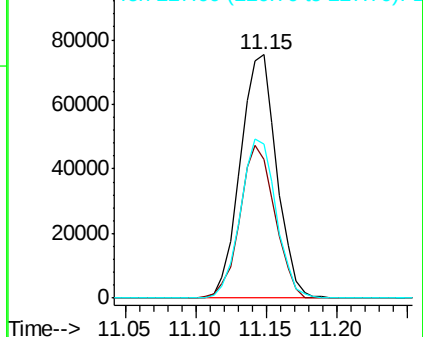
Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

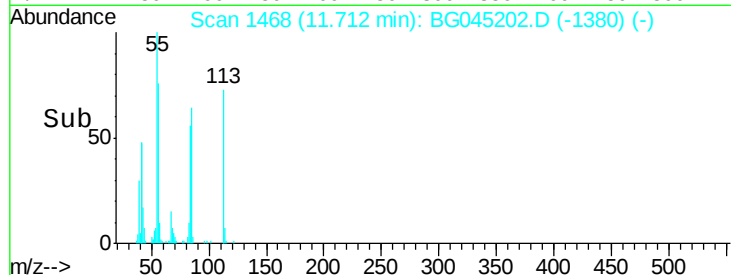
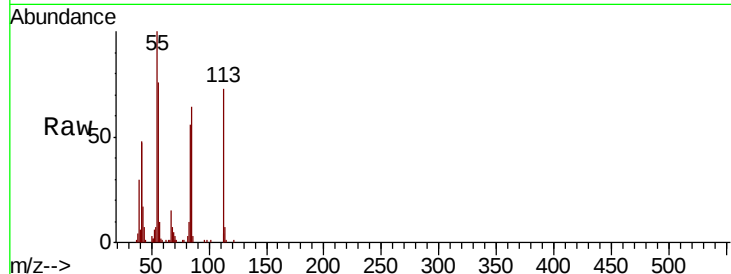


#34
Hexachlorobutadiene
Concen: 41.859 ng
RT: 11.15 min Scan# 1372
Delta R.T. 0.00 min
Lab File: BG045202.D
Acq: 29 Apr 2020 13:00

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		135420		
223	57.2	50.7	76.1		
227	63.4	50.2	75.2		

Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





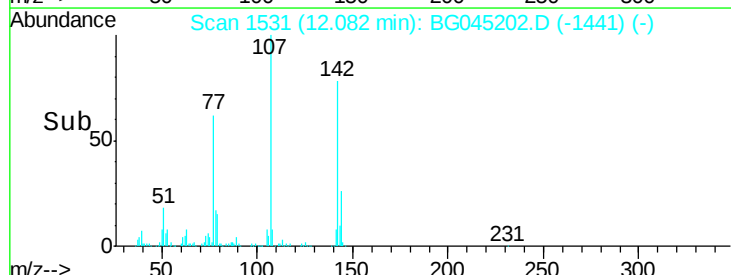
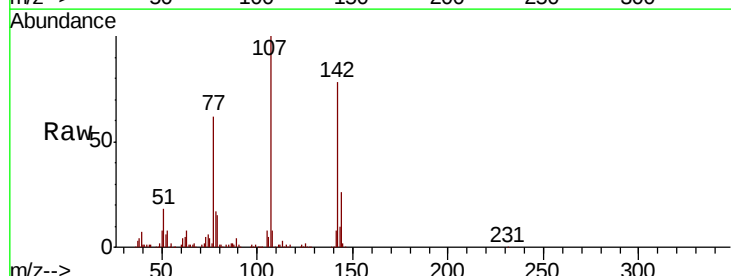
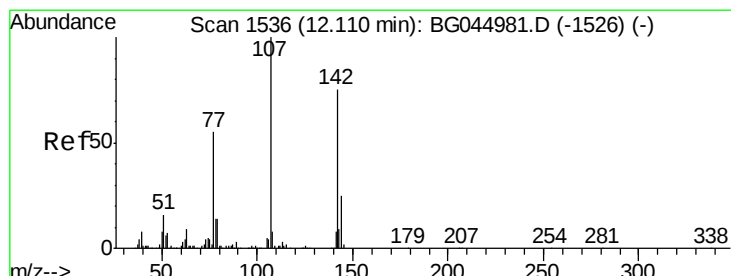
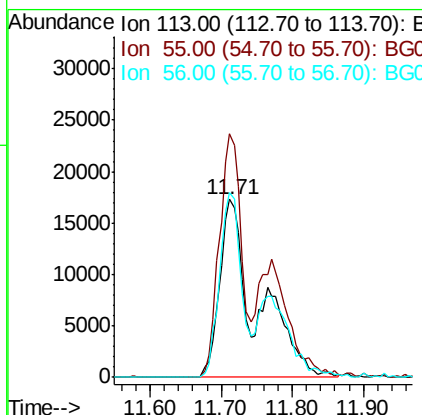
#35
Caprolactam
Concen: 37.561 ng/ml
RT: 11.71 min Scan# 1468
Delta R.T. -0.01 min
Lab File: BG045202.D
Acq: 29 Apr 2020 13:00

Tot Ion:	113	Resp:	62301
Ion	Ratio	Lower	Upper
113	100		
55	136.6	118.8	158.8
56	103.6	82.6	122.6

Instrument :
BNA_G
ClientSampleId :
PB128519BS

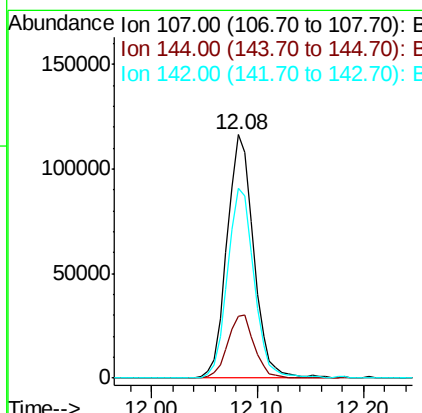
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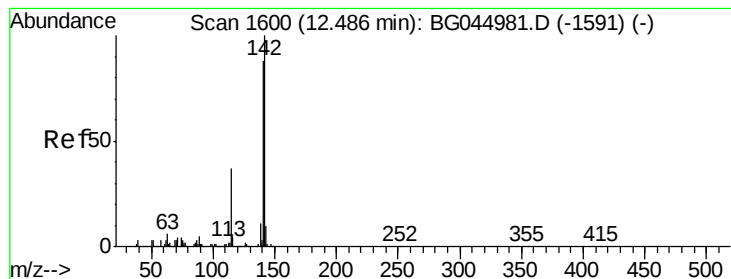
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#36
4-Chloro-3-methylphenol
Concen: 41.536 ng
RT: 12.08 min Scan# 1531
Delta R.T. -0.00 min
Lab File: BG045202.D
Acq: 29 Apr 2020 13:00

Tgt Ion:	107	Resp:	203352
Ion	Ratio	Lower	Upper
107	100		
144	25.7	19.8	29.6
142	78.0	59.7	89.5





#37

2-Methylnaphthalene

Concen: 41.185 ng

RT: 12.46 min Scan# 1595

Delta R.T. -0.00 min

Lab File: BG045202.D

Acq: 29 Apr 2020 13:00

Instrument :

BNA_G

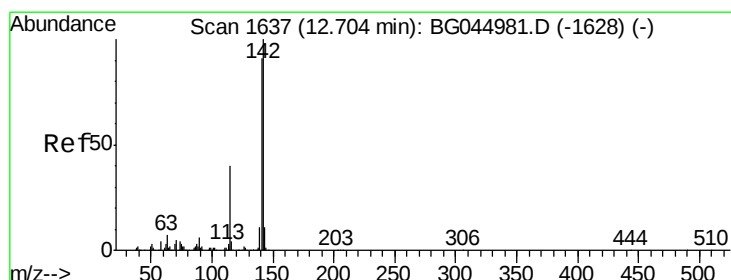
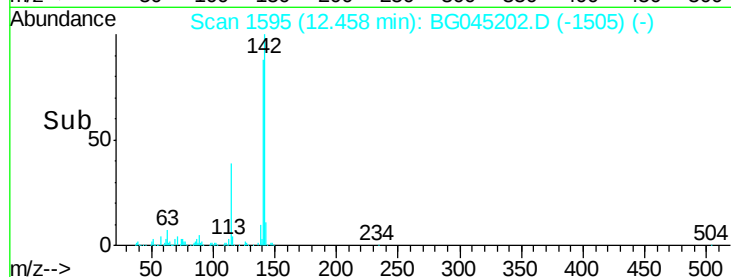
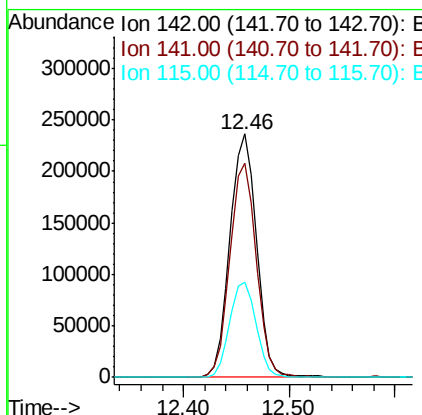
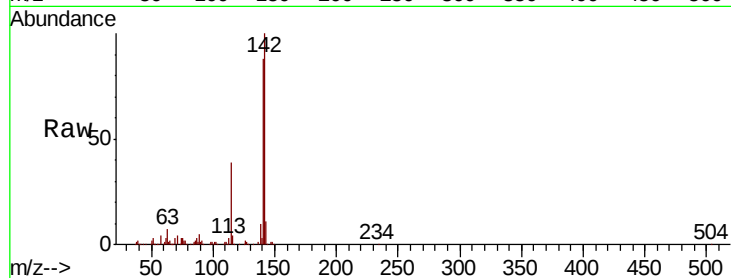
ClientSampleId :

PB128519BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.2	70.3	105.5
115	39.0	29.8	44.6

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#38

1-Methylnaphthalene

Concen: 40.720 ng m

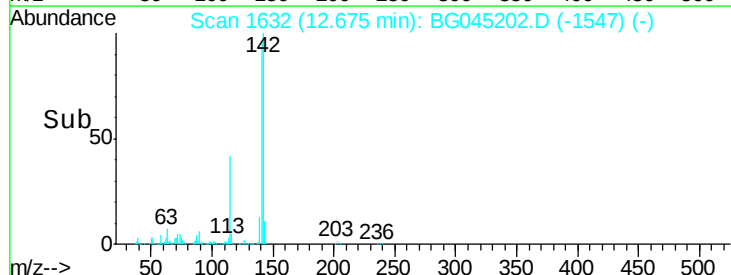
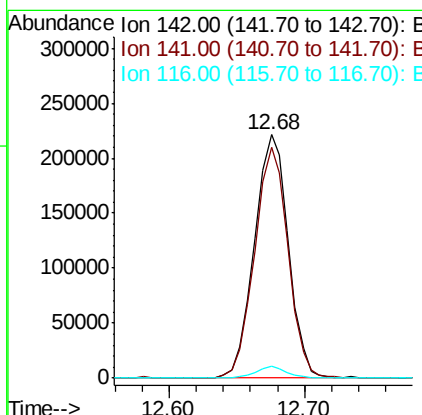
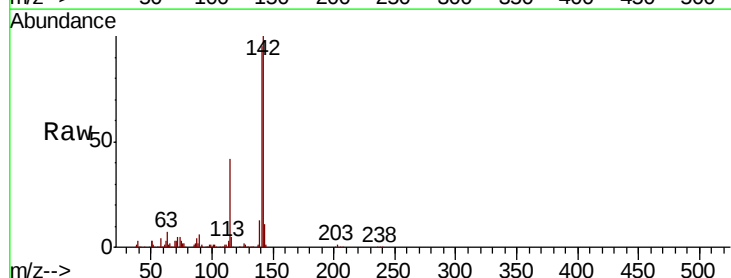
RT: 12.68 min Scan# 1632

Delta R.T. -0.00 min

Lab File: BG045202.D

Acq: 29 Apr 2020 13:00

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.8	72.7	109.1
116	4.8	3.1	4.7#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.63 min Scan# 1965

Delta R.T. -0.00 min

Lab File: BG045202.D

Acq: 29 Apr 2020 13:00

Instrument :

BNA_G

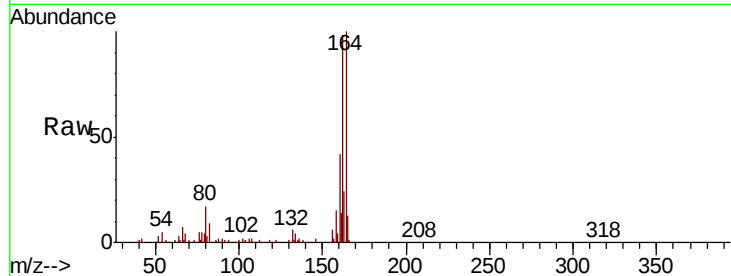
ClientSampleId :

PB128519BS

Tot Ion:	164	Resp:	167617
Ion Ratio	Lower	Upper	
164	100		
162	98.4	78.7	118.1
160	41.9	32.8	49.2

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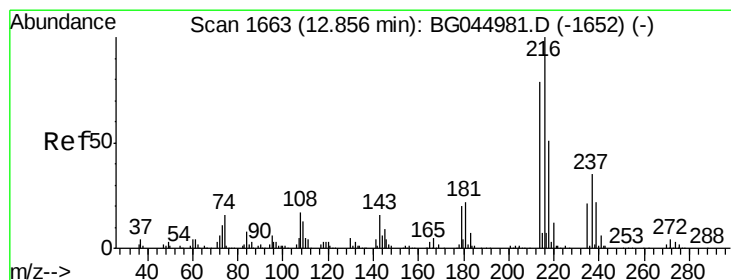
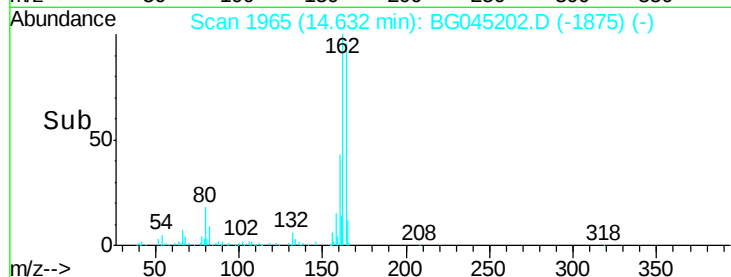
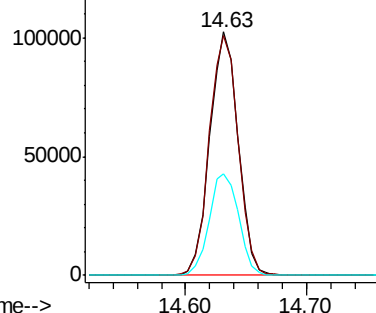


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.471 ng

RT: 12.83 min Scan# 1658

Delta R.T. -0.00 min

Lab File: BG045202.D

Acq: 29 Apr 2020 13:00

Tgt Ion:	216	Resp:	223810
Ion Ratio	Lower	Upper	
216	100		
214	76.7	63.0	94.6
179	19.6	15.8	23.8
108	19.1	14.2	21.2

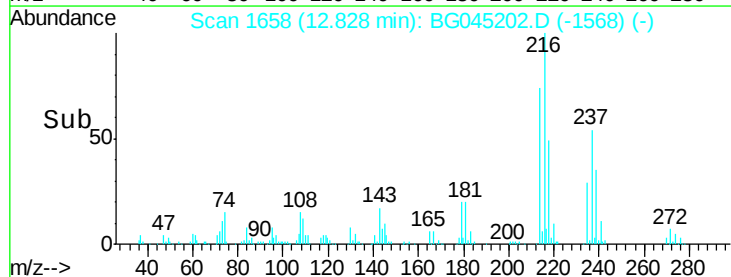
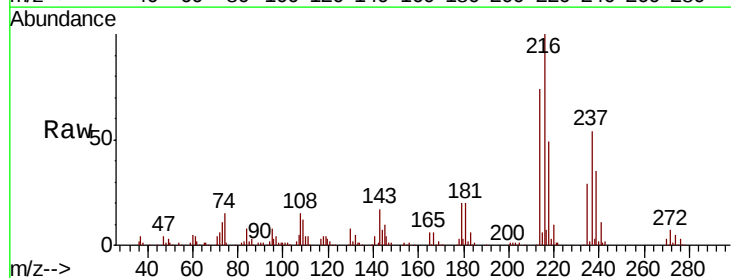
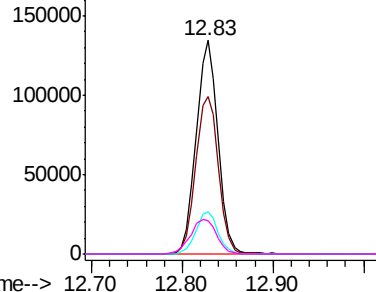
Abundance

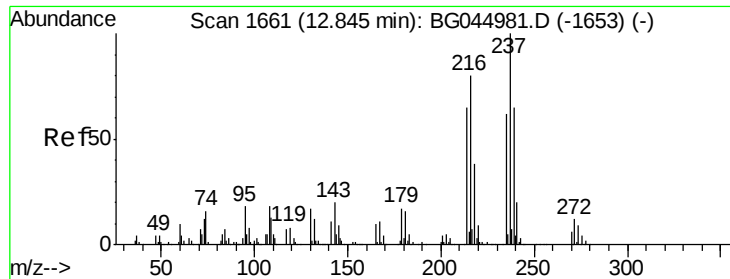
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





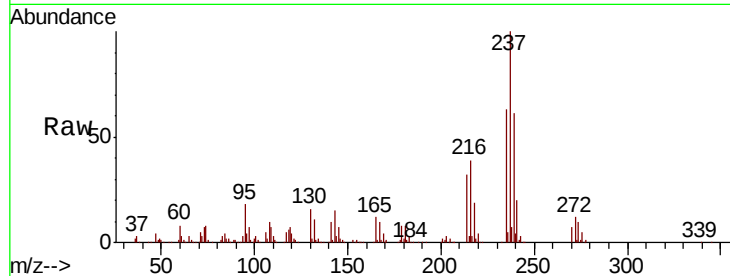
#41
Hexachlorocyclopentadiene
Concen: 94.951 ng
RT: 12.82 min Scan# 1656
Delta R.T. 0.00 min
Lab File: BG045202.D
Acq: 29 Apr 2020 13:00

Instrument :
BNA_G
ClientSampleId :
PB128519BS

Tot Ion	Ratio	Resp	Lower	Upper
237	100			
235	62.6	41.6	81.6	
272	12.1	0.0	32.1	

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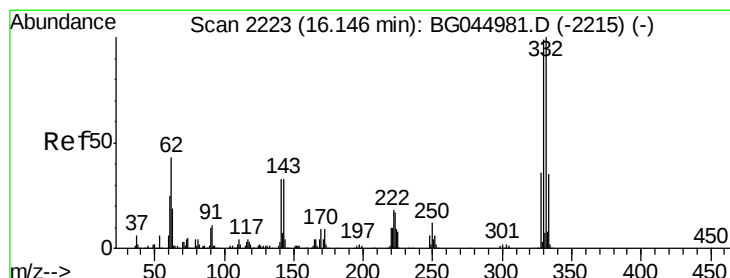
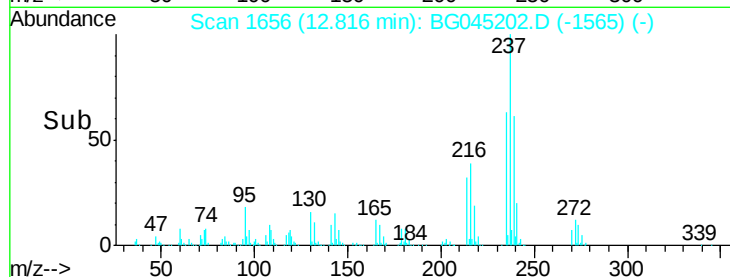
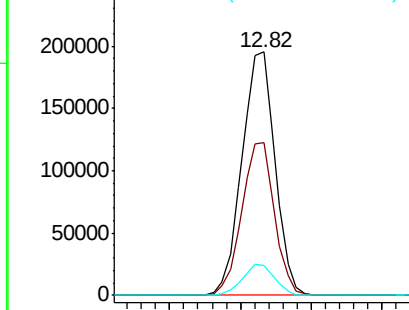


Abundance

Ion 236.80 (236.50 to 237.50): E

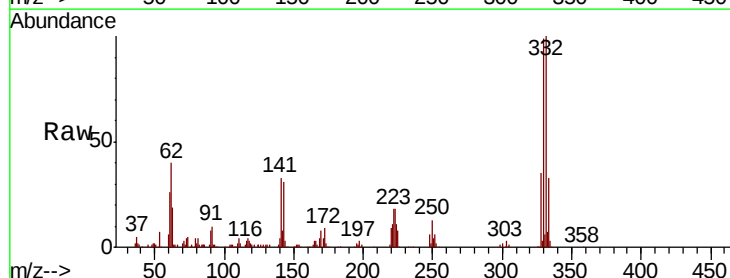
Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42
2,4,6-Tribromophenol
Concen: 84.214 ng
RT: 16.12 min Scan# 2219
Delta R.T. -0.00 min
Lab File: BG045202.D
Acq: 29 Apr 2020 13:00

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	97.9	79.1	118.7	
141	36.3	27.1	40.7	

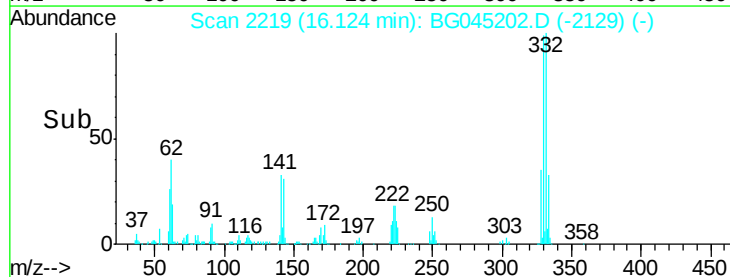
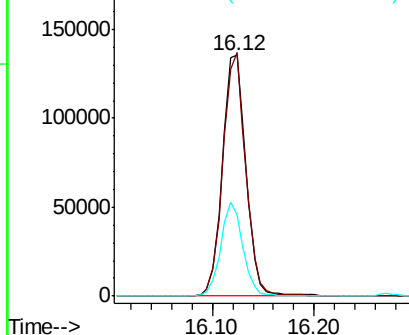


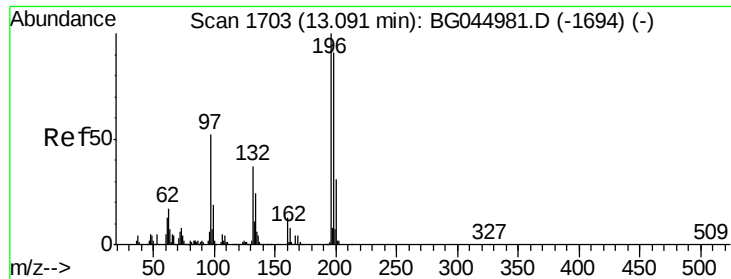
Abundance

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





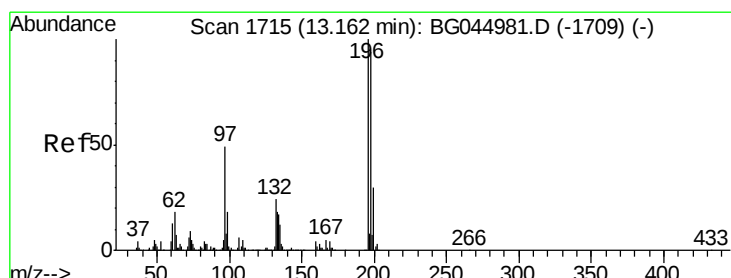
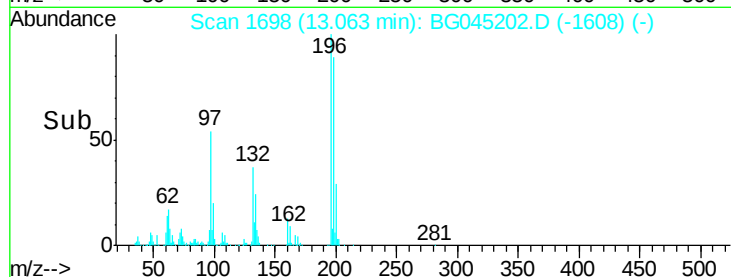
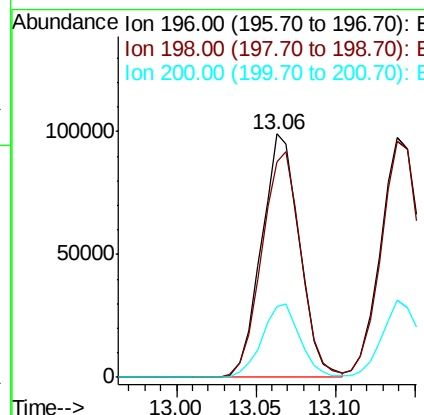
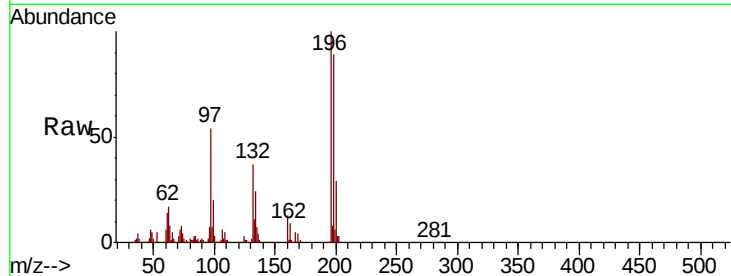
#43
2,4,6-Trichlorophenol
Concen: 43.519 ng
RT: 13.06 min Scan# 1698
Delta R.T. -0.00 min
Lab File: BG045202.D
Acq: 29 Apr 2020 13:00

Instrument :
BNA_G
ClientSampled :
PB128519BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	165760		
198	88.5	72.5	108.7	
200	29.3	24.5	36.7	

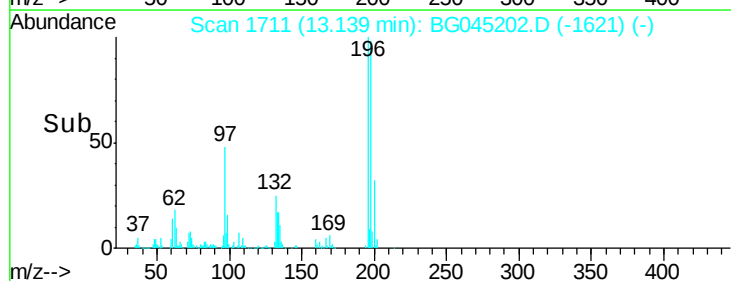
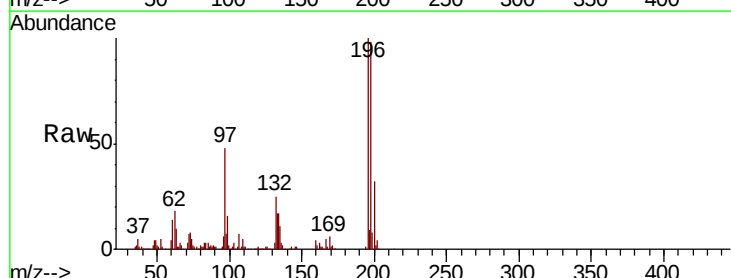
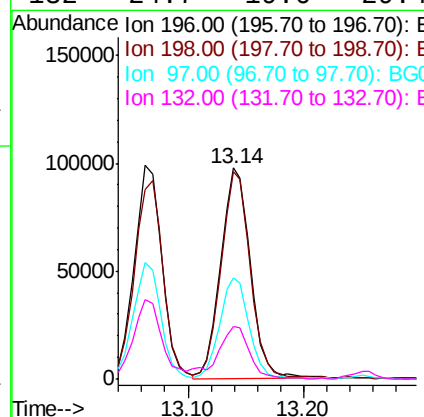
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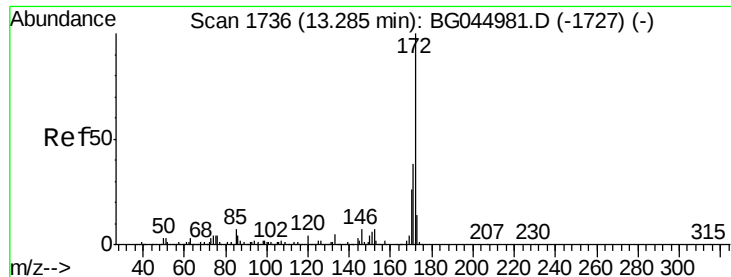
mohammad
4/30/2020 1:37:38 PM



#44
2,4,5-Trichlorophenol
Concen: 40.033 ng
RT: 13.14 min Scan# 1711
Delta R.T. -0.00 min
Lab File: BG045202.D
Acq: 29 Apr 2020 13:00

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	173563		
198	98.5	75.7	113.5	
97	47.9	39.6	59.4	
132	24.7	19.6	29.4	





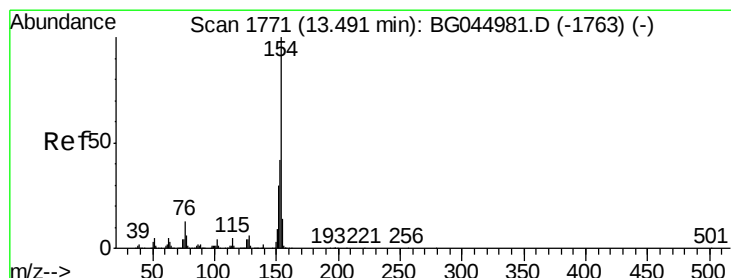
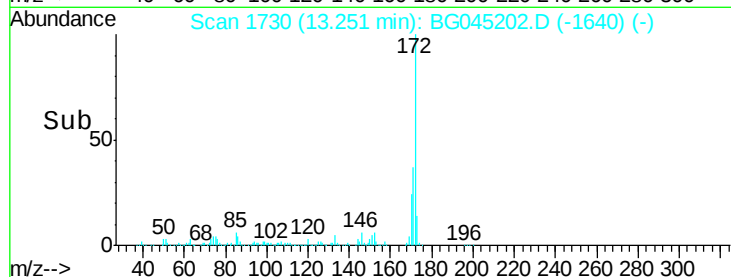
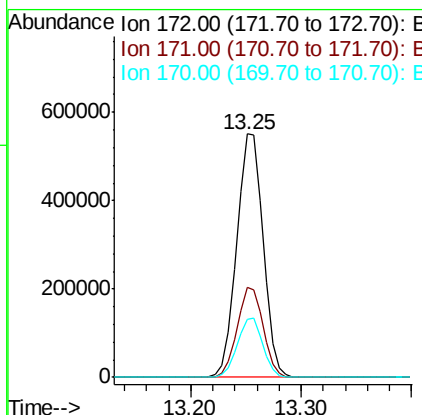
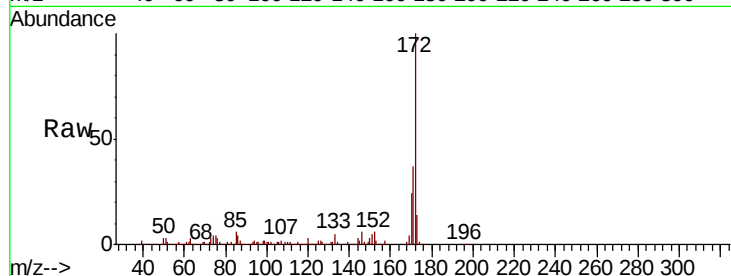
#45
2-Fluorobiphenyl
Concen: 81.110 ng
RT: 13.25 min Scan# 1730
Delta R.T. -0.00 min
Lab File: BG045202.D
Acq: 29 Apr 2020 13:00

Instrument :
BNA_G
ClientSampleId :
PB128519BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.9	30.6	46.0
170	23.9	20.5	30.7

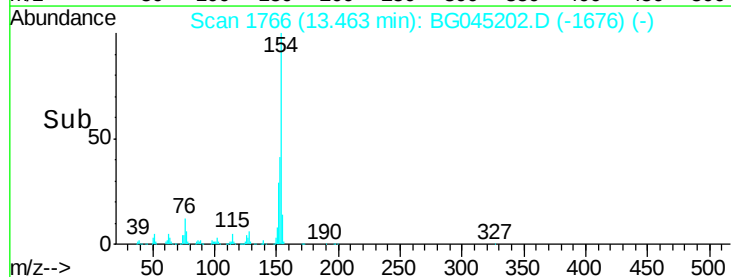
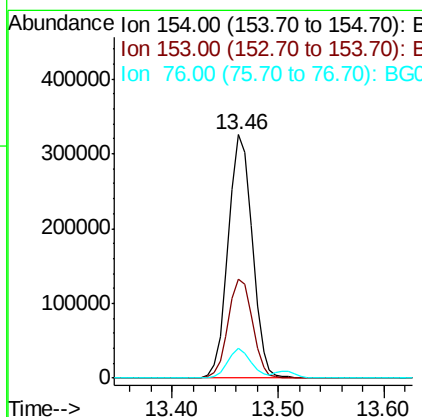
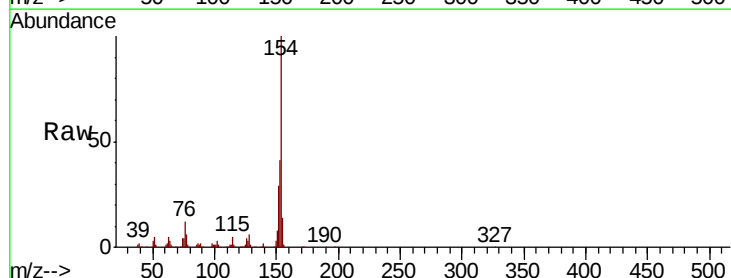
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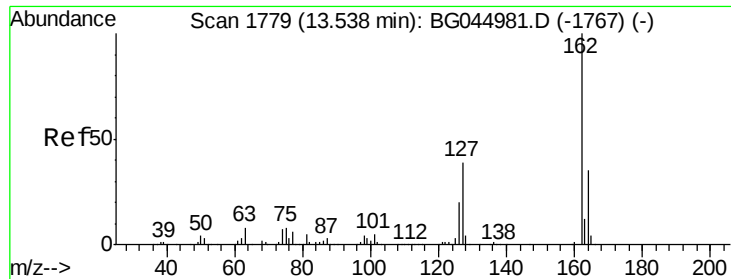
mohammad
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#46
1,1'-Biphenyl
Concen: 40.366 ng
RT: 13.46 min Scan# 1766
Delta R.T. -0.00 min
Lab File: BG045202.D
Acq: 29 Apr 2020 13:00

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.9	21.9	61.9
76	12.0	0.0	33.1





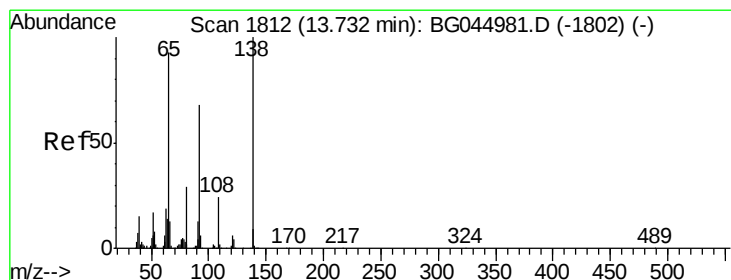
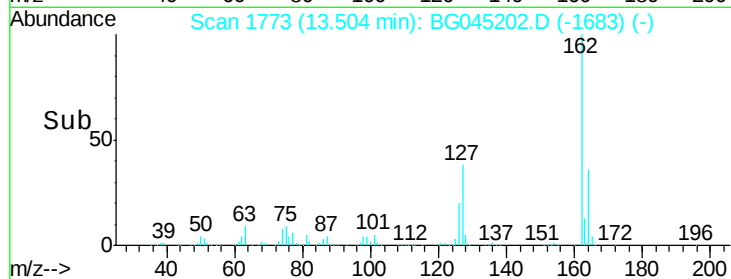
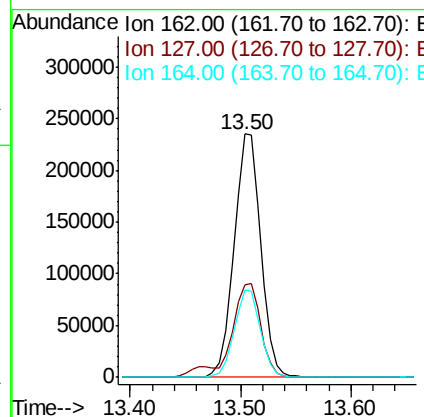
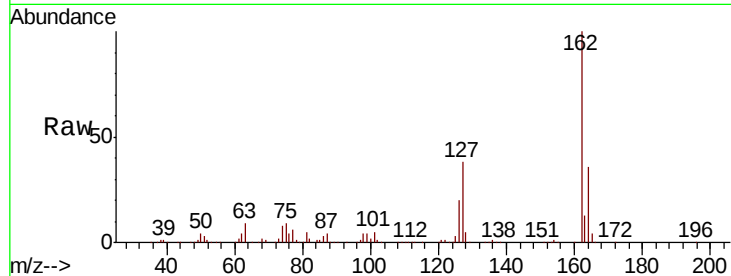
#47
2-Chloronaphthalene
Concen: 41.075 ng
RT: 13.50 min Scan# 1773
Delta R.T. -0.00 min
Lab File: BG045202.D
Acq: 29 Apr 2020 13:00

Instrument :
BNA_G
ClientSampleId :
PB128519BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	399852		
127	38.3		31.3	46.9
164	35.7		27.8	41.8

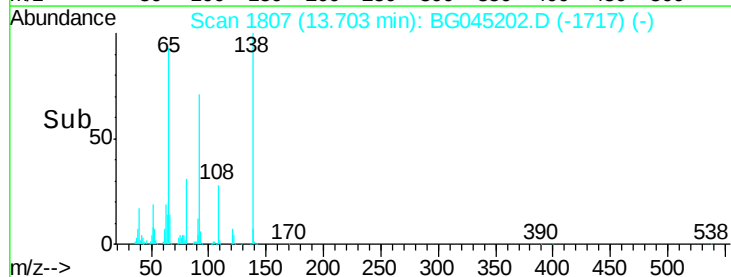
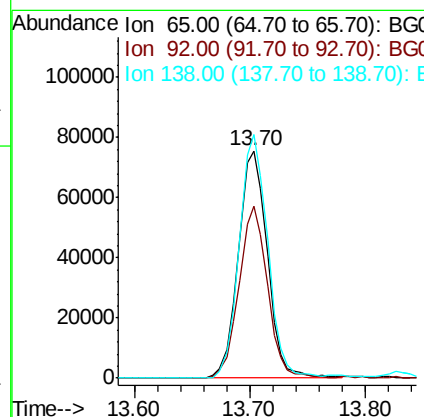
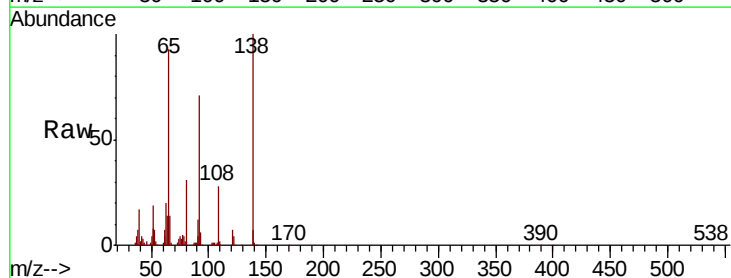
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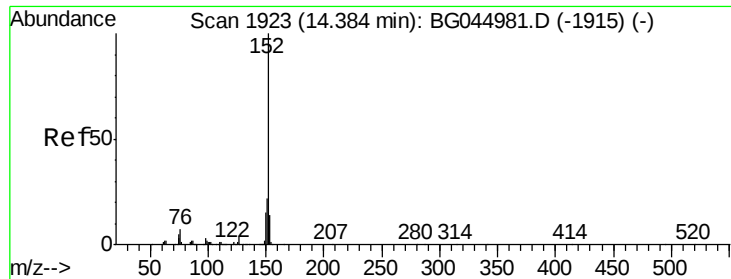
mohammad
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#48
2-Nitroaniline
Concen: 41.202 ng
RT: 13.70 min Scan# 1807
Delta R.T. -0.00 min
Lab File: BG045202.D
Acq: 29 Apr 2020 13:00

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	131965		
92	75.5		58.3	87.5
138	107.0		85.6	128.4





#49

Acenaphthylene

Concen: 41.503 ng

RT: 14.36 min Scan# 1918

Delta R.T. -0.00 min

Lab File: BG045202.D

Acq: 29 Apr 2020 13:00

Instrument :

BNA_G

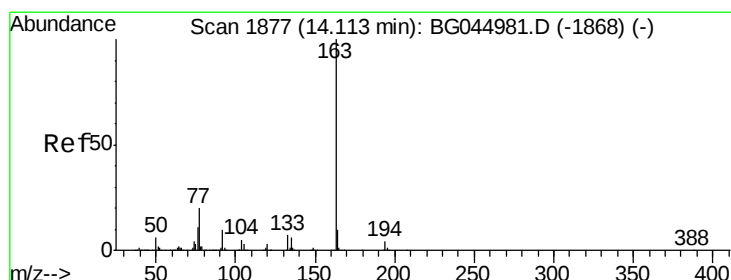
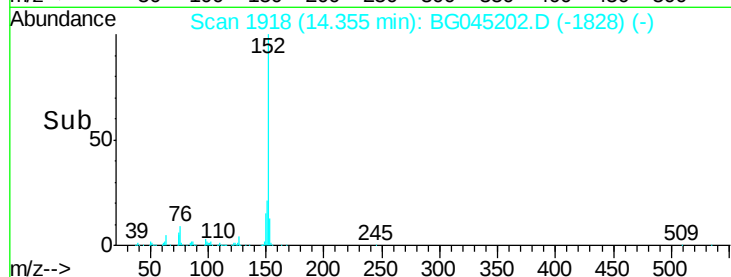
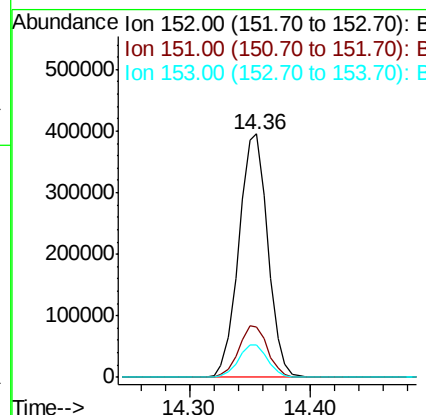
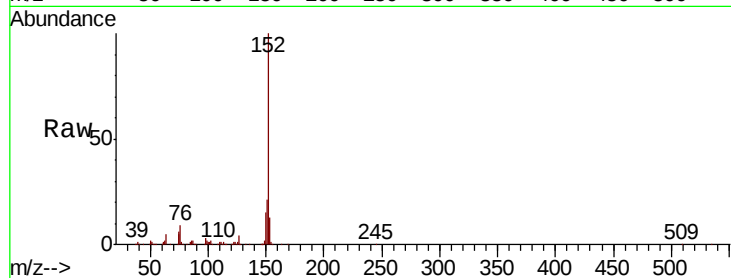
ClientSampleId :

PB128519BS

Tot Ion:	152	Resp:	658086
Ion Ratio	Lower	Upper	
152	100		
151	20.7	17.2	25.8
153	13.1	11.0	16.4

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#50

Dimethylphthalate

Concen: 40.378 ng

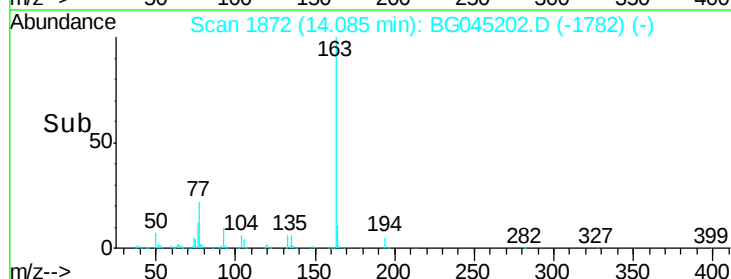
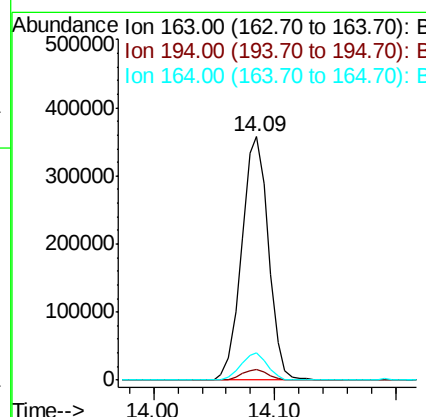
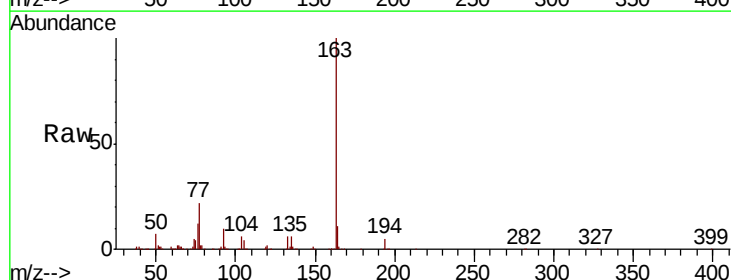
RT: 14.09 min Scan# 1872

Delta R.T. -0.00 min

Lab File: BG045202.D

Acq: 29 Apr 2020 13:00

Tgt Ion:	163	Resp:	551089
Ion Ratio	Lower	Upper	
163	100		
194	4.6	3.5	5.3
164	11.3	8.2	12.4





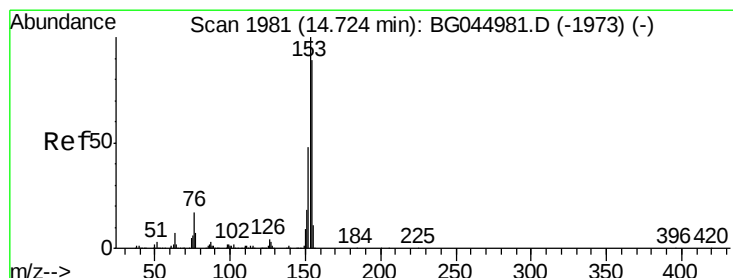
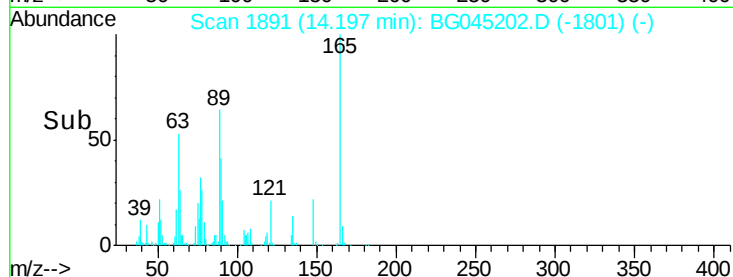
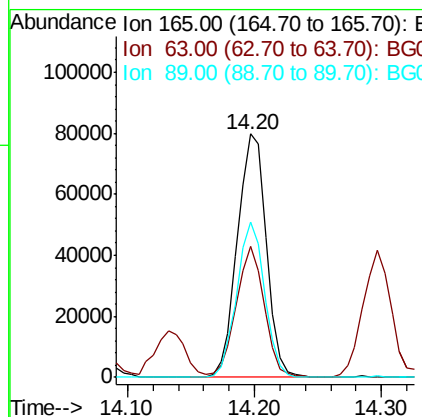
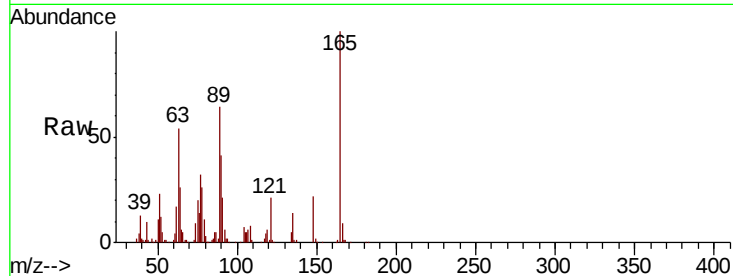
#51
 2,6-Dinitrotoluene
 Concen: 41.310 ng
 RT: 14.20 min Scan# 1891
 Delta R.T. -0.00 min
 Lab File: BG045202.D
 Acq: 29 Apr 2020 13:00

Instrument :
 BNA_G
 ClientSampleId :
 PB128519BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	126106		
63	53.6		40.4	60.6
89	63.9		49.1	73.7

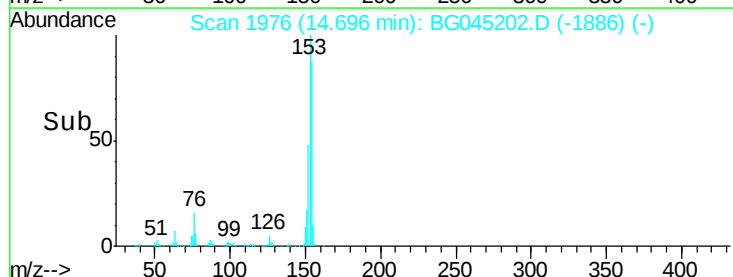
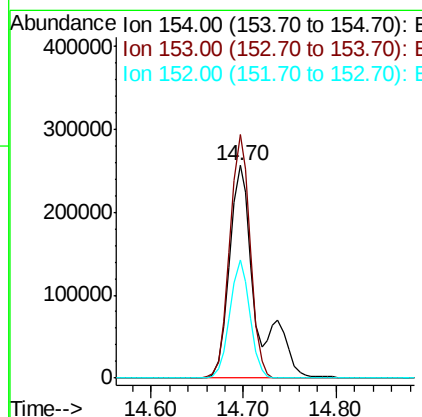
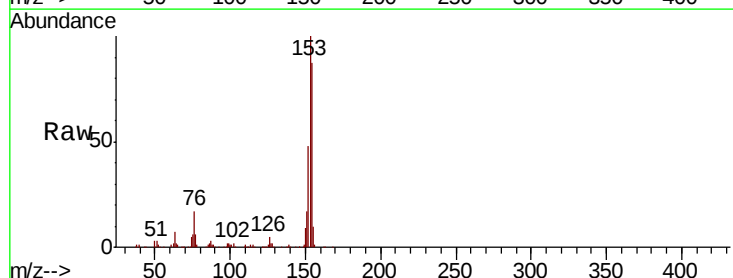
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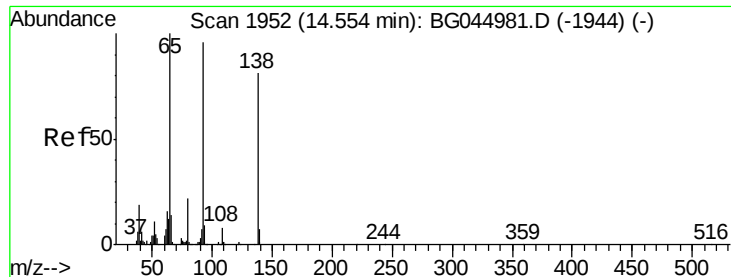
mohammad
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#52
 Acenaphthene
 Concen: 47.735 ng m
 RT: 14.70 min Scan# 1976
 Delta R.T. -0.00 min
 Lab File: BG045202.D
 Acq: 29 Apr 2020 13:00

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	512123		
153	114.6		89.7	134.5
152	55.4		43.1	64.7





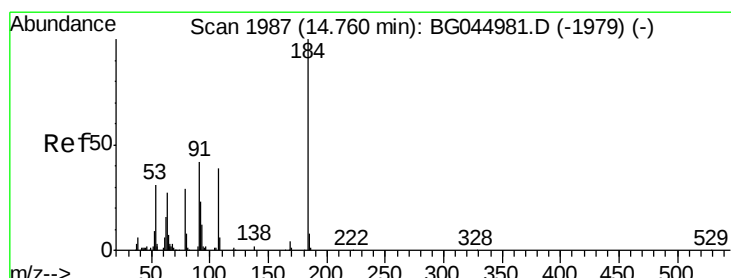
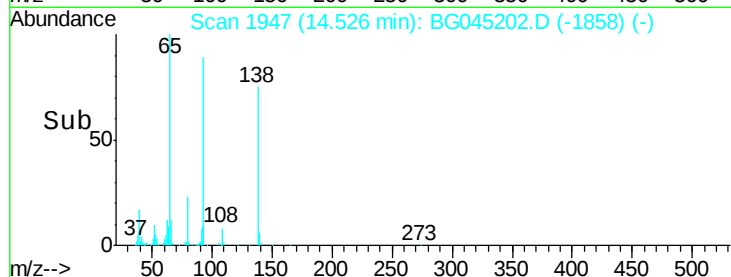
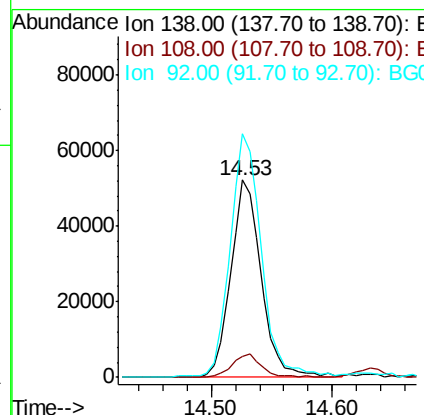
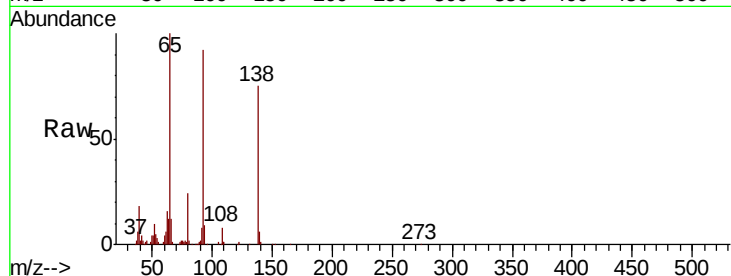
#53
 3-Nitroaniline
 Concen: 27.395 ng
 RT: 14.53 min Scan# 1947
 Delta R.T. -0.01 min
 Lab File: BG045202.D
 Acq: 29 Apr 2020 13:00

Instrument :
 BNA_G
 ClientSampleId :
 PB128519BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.8	7.8	11.8
92	123.4	94.5	141.7

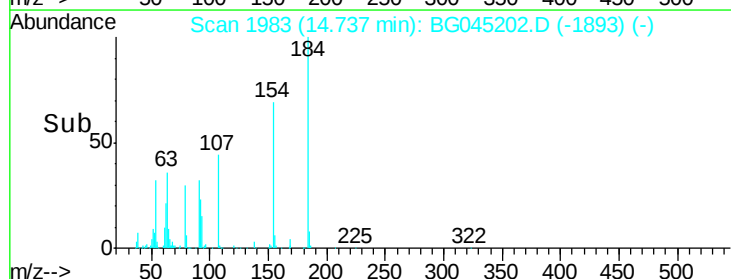
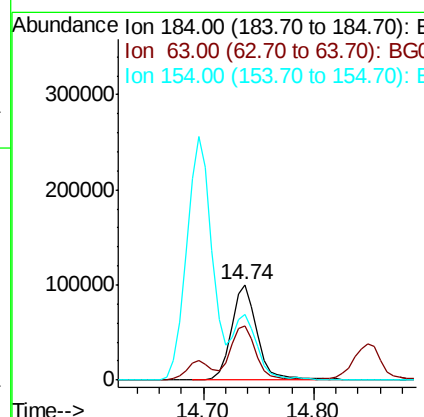
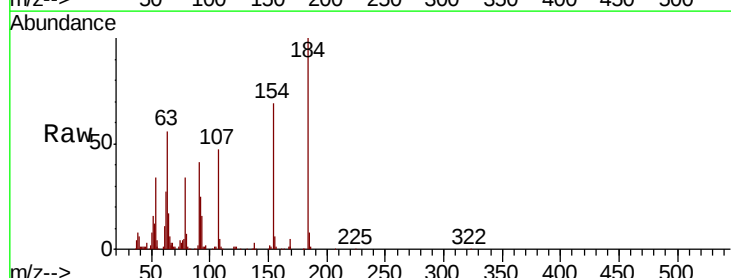
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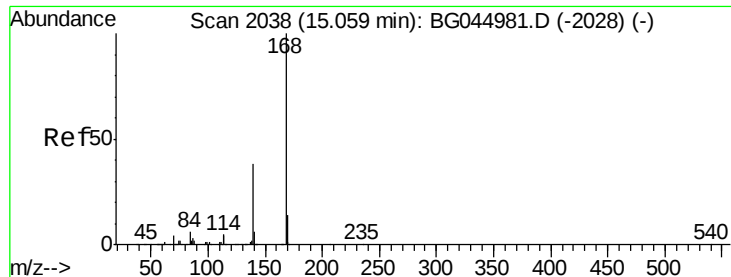
mohammad
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#54
 2,4-Dinitrophenol
 Concen: 89.954 ng
 RT: 14.74 min Scan# 1983
 Delta R.T. -0.00 min
 Lab File: BG045202.D
 Acq: 29 Apr 2020 13:00

Tgt Ion	Ratio	Lower	Upper
184	100		
63	56.4	41.5	62.3
154	69.0	52.3	78.5





#55

Dibenzenofuran

Concen: 41.906 ng

RT: 15.03 min Scan# 2033

Delta R.T. -0.00 min

Lab File: BG045202.D

Acq: 29 Apr 2020 13:00

Instrument :

BNA_G

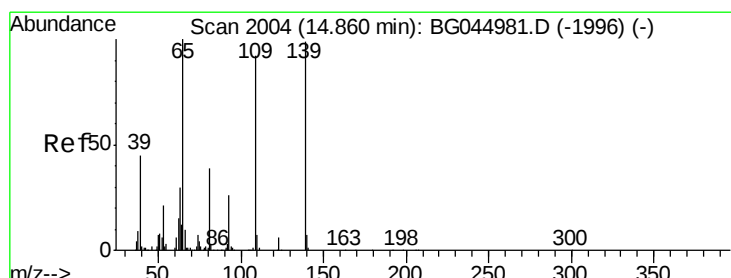
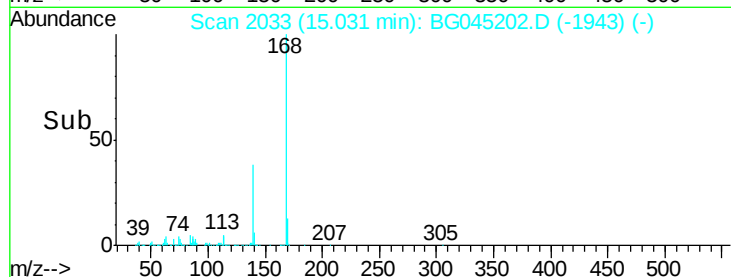
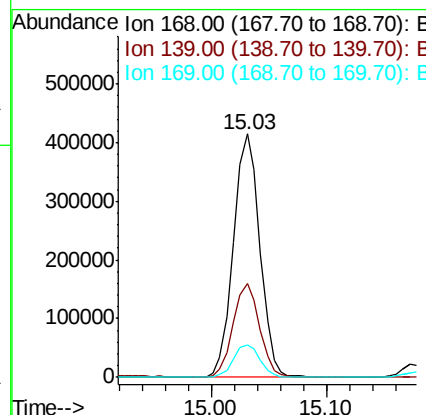
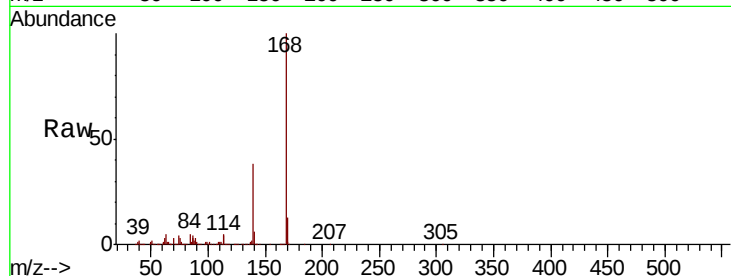
ClientSampleId :

PB128519BS

Tot Ion:	168	Resp:	655461
Ion	Ratio	Lower	Upper
168	100		
139	38.4	30.4	45.6
169	13.4	11.0	16.4

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#56

4-Nitrophenol

Concen: 84.327 ng

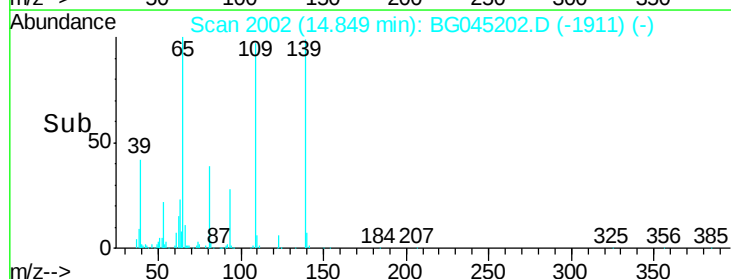
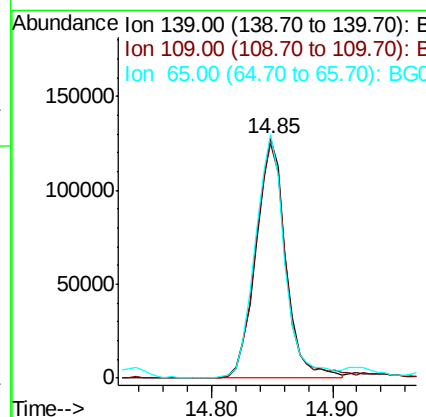
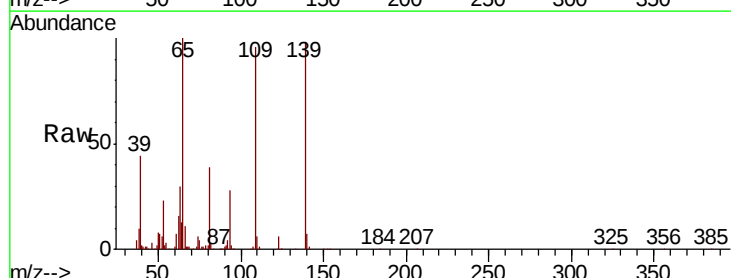
RT: 14.85 min Scan# 2002

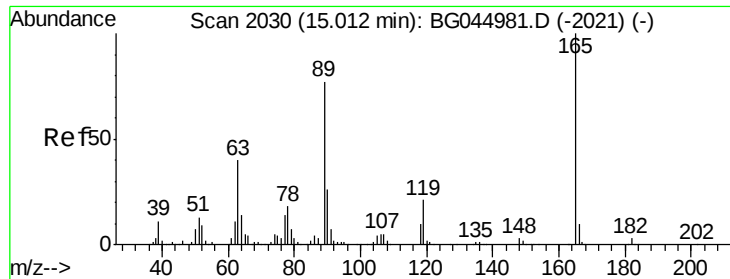
Delta R.T. 0.00 min

Lab File: BG045202.D

Acq: 29 Apr 2020 13:00

Tgt Ion:	139	Resp:	218912
Ion	Ratio	Lower	Upper
139	100		
109	98.1	73.6	113.6
65	101.6	81.2	121.2





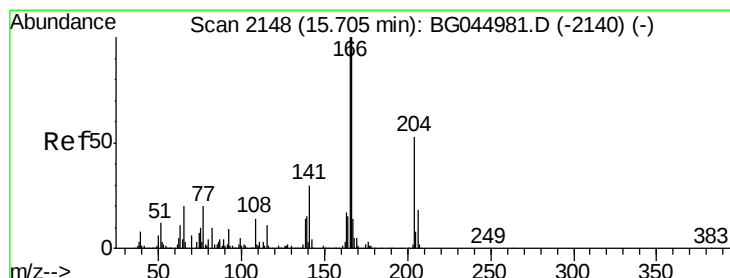
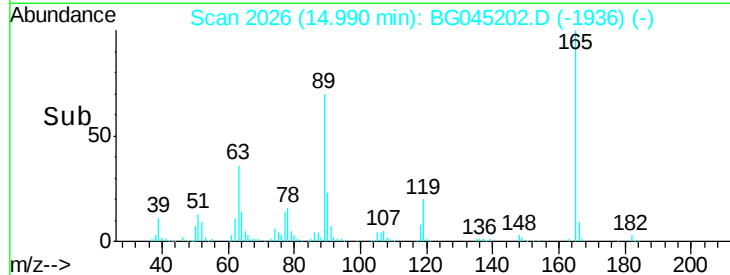
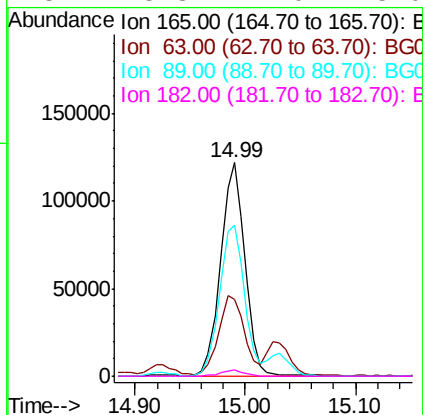
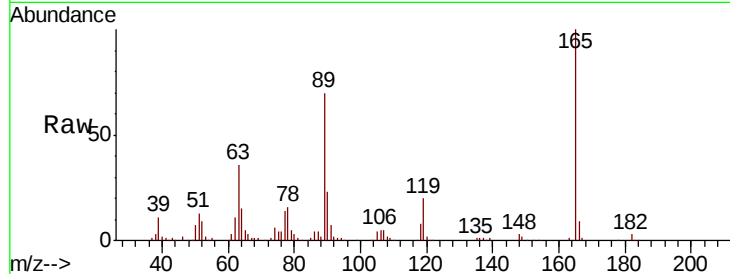
#57
 2,4-Dinitrotoluene
 Concen: 42.038 ng
 RT: 14.99 min Scan# 2026
 Delta R.T. -0.00 min
 Lab File: BG045202.D
 Acq: 29 Apr 2020 13:00

Instrument :
 BNA_G
 ClientSampleId :
 PB128519BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		187540		
63	35.9	32.2	48.2		
89	70.5	61.7	92.5		
182	3.3	2.0	3.0#		

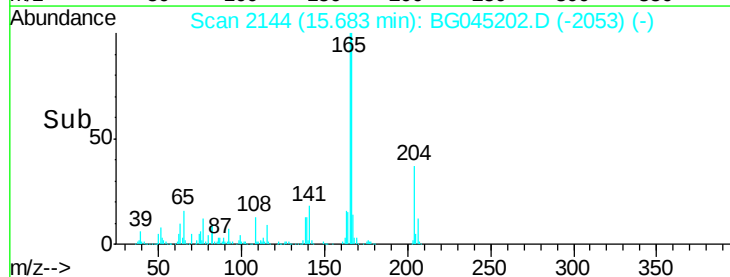
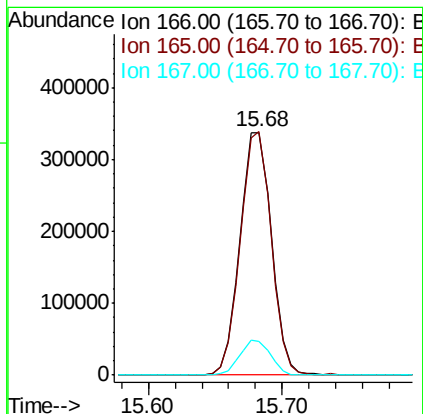
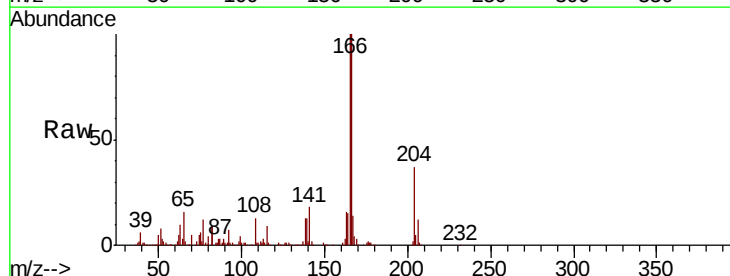
Manual Integrations
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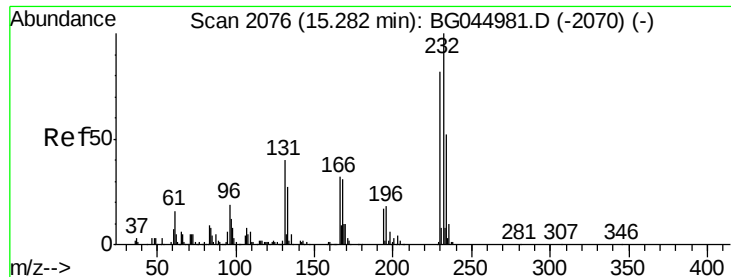
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#58
 Fluorene
 Concen: 43.050 ng
 RT: 15.68 min Scan# 2144
 Delta R.T. 0.00 min
 Lab File: BG045202.D
 Acq: 29 Apr 2020 13:00

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		550006		
165	100.4	79.9	119.9		
167	13.9	11.4	17.0		





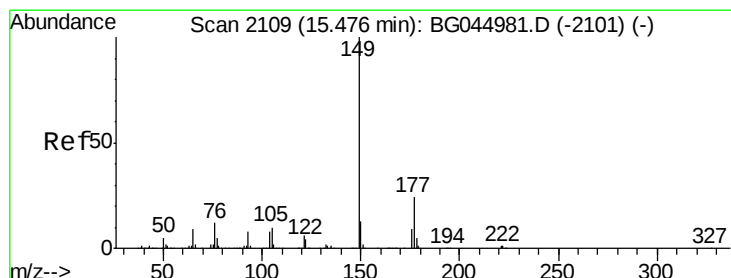
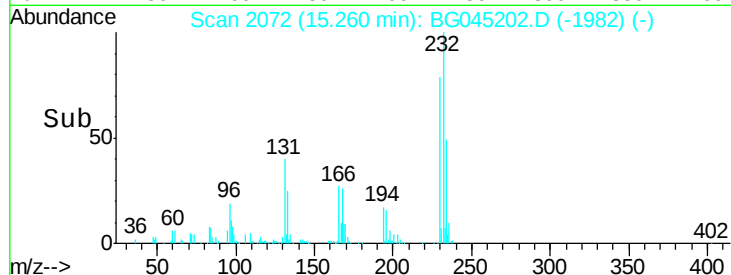
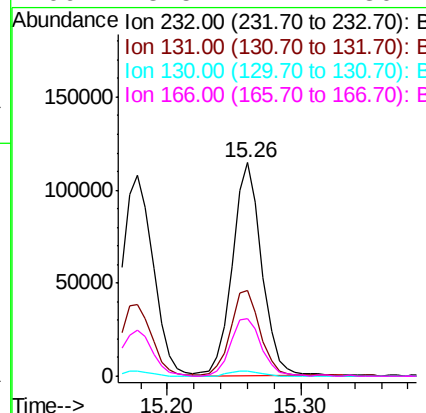
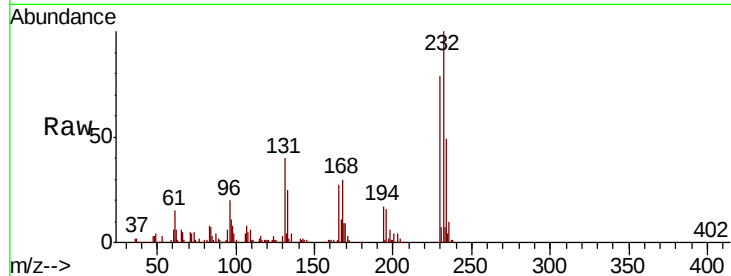
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 45.415 ng
 RT: 15.26 min Scan# 2072
 Delta R.T. -0.00 min
 Lab File: BG045202.D
 Acq: 29 Apr 2020 13:00

Instrument :
 BNA_G
 ClientSampleId :
 PB128519BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
232	100		175194		
131	41.1	32.2	48.2		
130	2.6	2.2	3.2		
166	28.5	24.2	36.4		

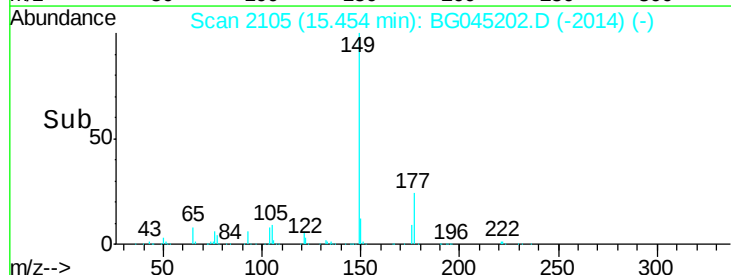
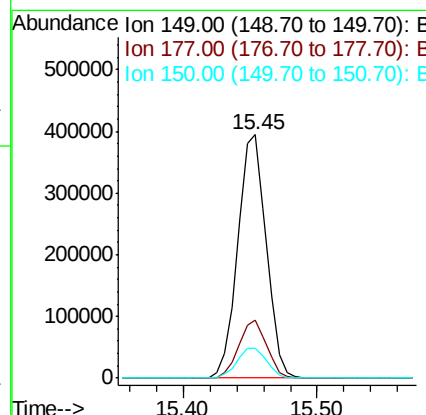
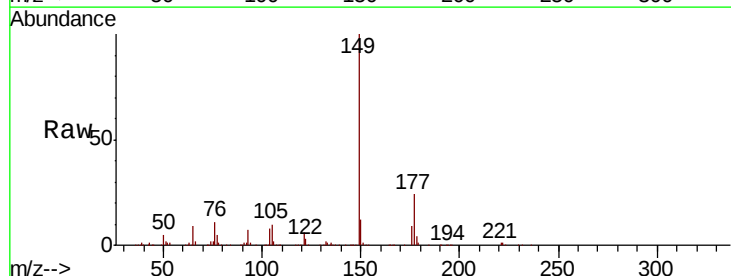
Manual Integrations
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#60
 Diethylphthalate
 Concen: 41.079 ng
 RT: 15.45 min Scan# 2105
 Delta R.T. 0.00 min
 Lab File: BG045202.D
 Acq: 29 Apr 2020 13:00

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100		584539		
177	23.9	18.9	28.3		
150	12.4	10.6	15.8		





#61

4-Chlorophenyl-phenylether

Concen: 41.367 ng

RT: 15.67 min Scan# 2142

Delta R.T. -0.00 min

Lab File: BG045202.D

Acq: 29 Apr 2020 13:00

Instrument :

BNA_G

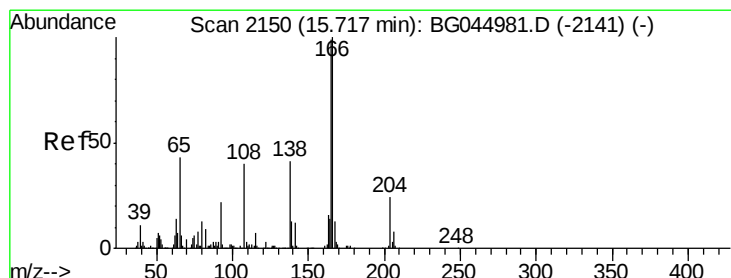
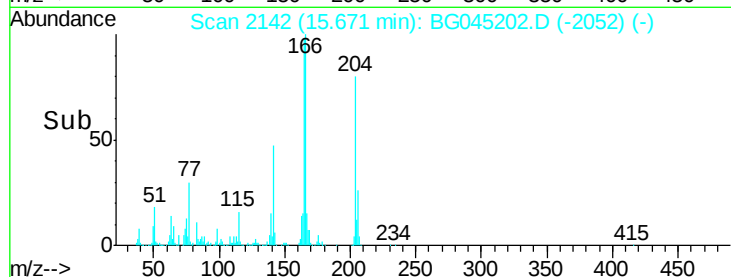
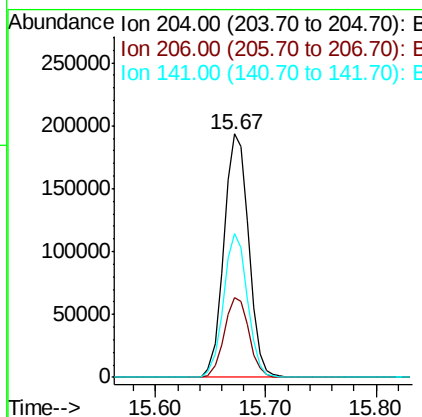
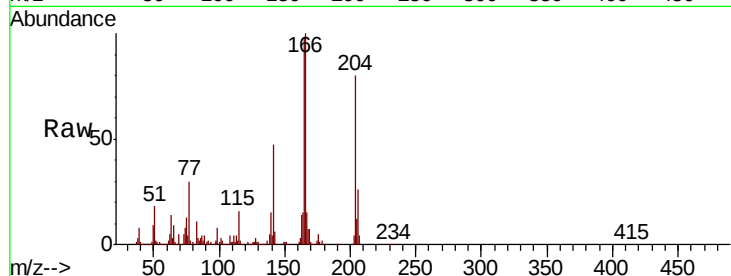
ClientSampled :

PB128519BS

Tot Ion:	204	Resp:	304197
Ion Ratio	Lower	Upper	
204	100		
206	32.9	26.9	40.3
141	58.8	46.3	69.5

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4/30/2020 1:37:38 PM



#62

4-Nitroaniline

Concen: 39.552 ng

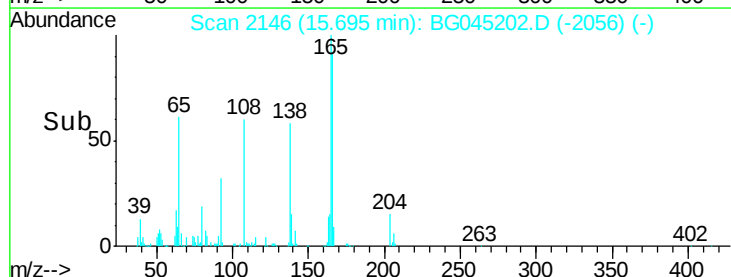
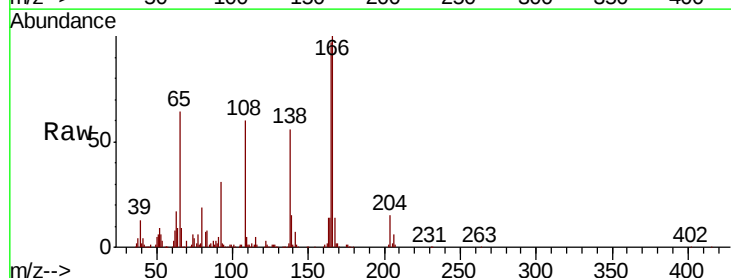
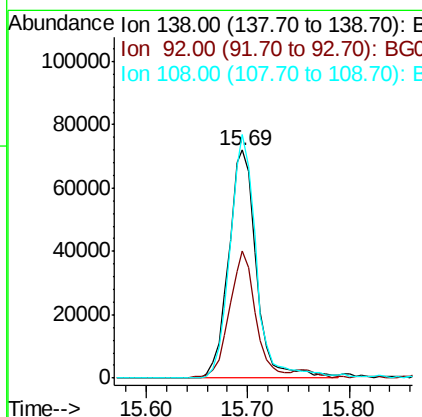
RT: 15.69 min Scan# 2146

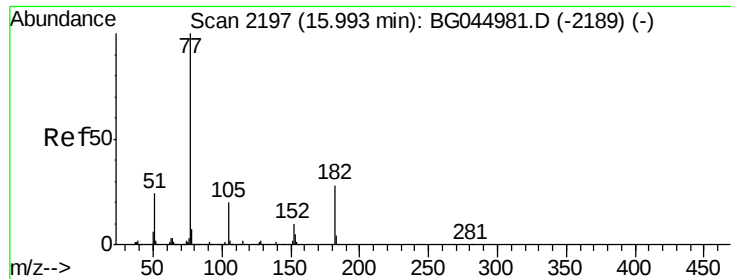
Delta R.T. -0.00 min

Lab File: BG045202.D

Acq: 29 Apr 2020 13:00

Tgt Ion:	138	Resp:	137350
Ion Ratio	Lower	Upper	
138	100		
92	55.7	33.6	73.6
108	106.9	78.2	118.2





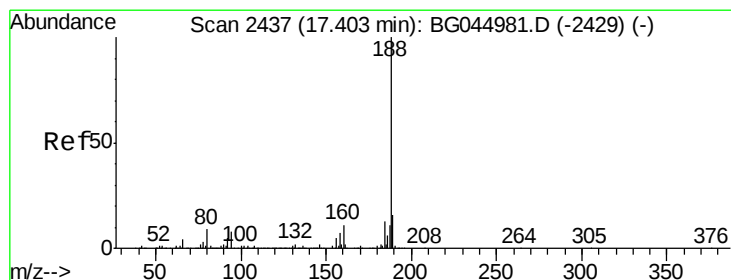
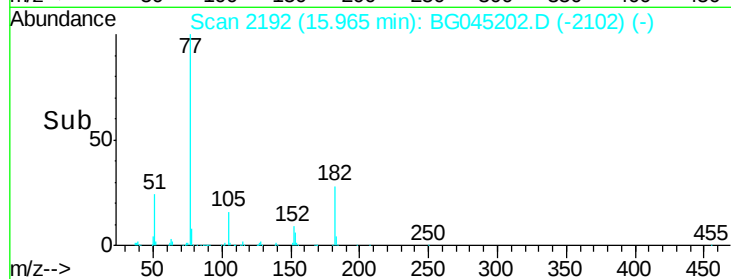
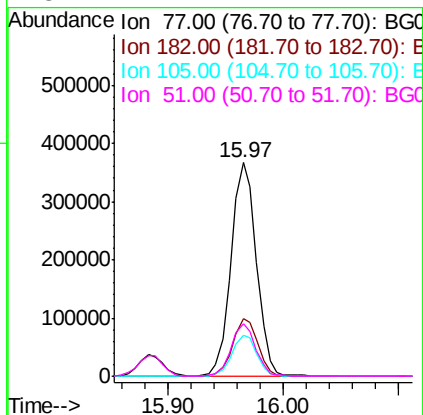
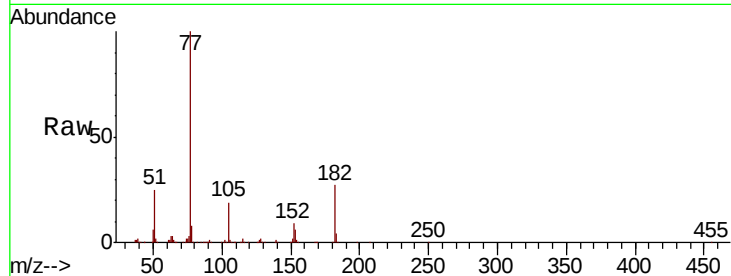
#63
Azobenzene
Concen: 42.240 ng
RT: 15.97 min Scan# 2192
Delta R.T. -0.00 min
Lab File: BG045202.D
Acq: 29 Apr 2020 13:00

Instrument :
BNA_G
ClientSampleId :
PB128519BS

Tot Ion	77	Resp	554148
Ion Ratio	Lower	Upper	
77	100		
182	27.2	8.4	48.4
105	19.1	0.5	40.5
51	24.7	4.4	44.4

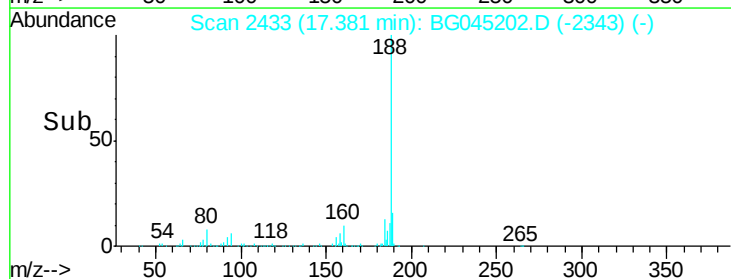
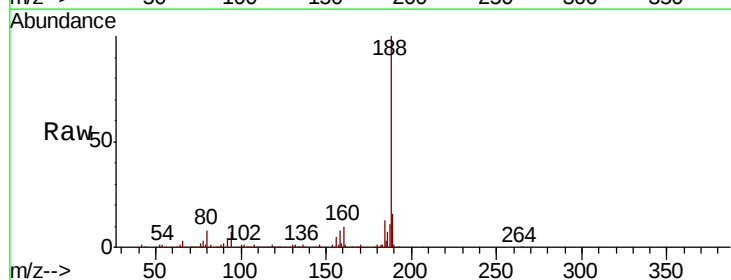
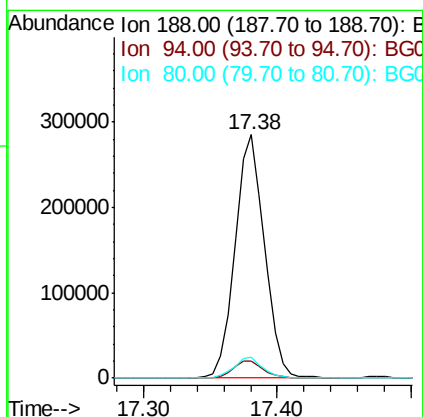
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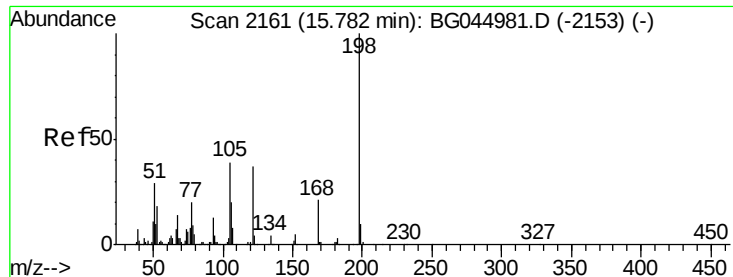
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.38 min Scan# 2433
Delta R.T. -0.00 min
Lab File: BG045202.D
Acq: 29 Apr 2020 13:00

Tgt Ion	188	Resp	436173
Ion Ratio	Lower	Upper	
188	100		
94	6.8	6.2	9.4
80	8.4	7.0	10.6





#65

4,6-Dinitro-2-methylphenol

Concen: 43.581 ng

RT: 15.75 min Scan# 2156

Delta R.T. -0.00 min

Lab File: BG045202.D

Acq: 29 Apr 2020 13:00

Instrument :

BNA_G

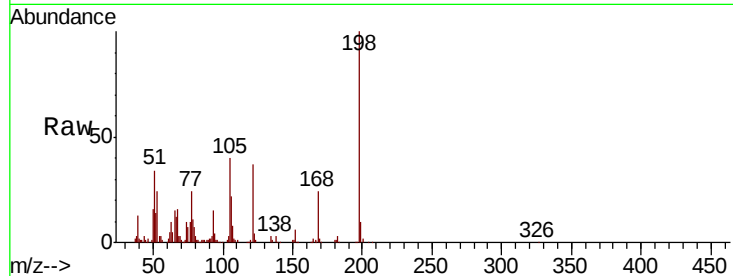
ClientSampleId :

PB128519BS

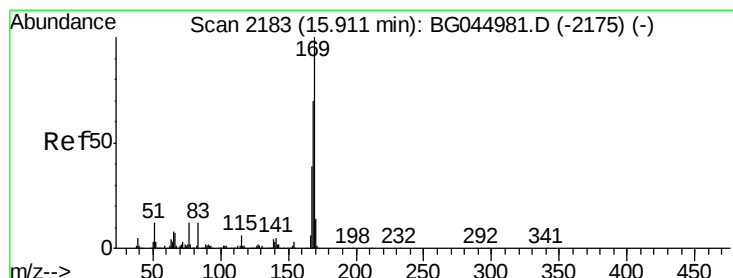
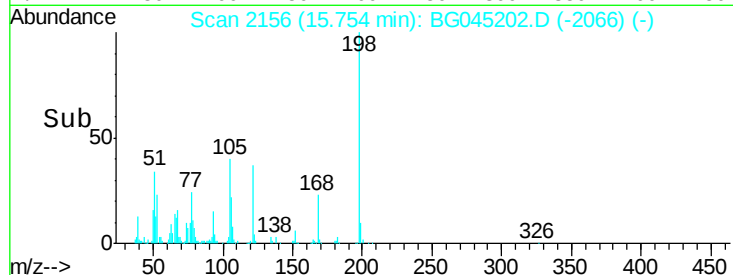
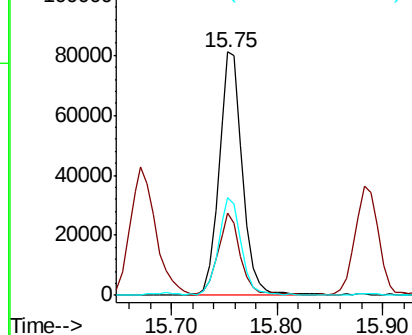
Tot Ion:	198	Resp:	124946
Ion	Ratio	Lower	Upper
198	100		
51	34.0	10.0	50.0
105	40.2	18.9	58.9

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



#66

n-Nitrosodiphenylamine

Concen: 39.264 ng

RT: 15.88 min Scan# 2178

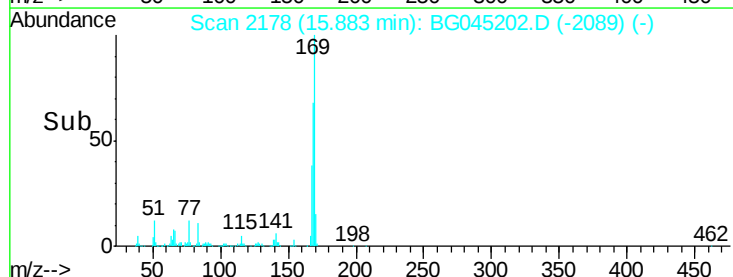
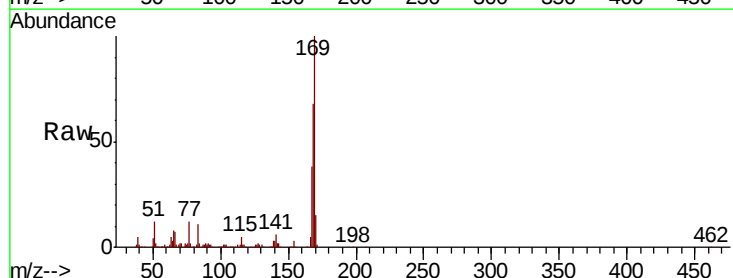
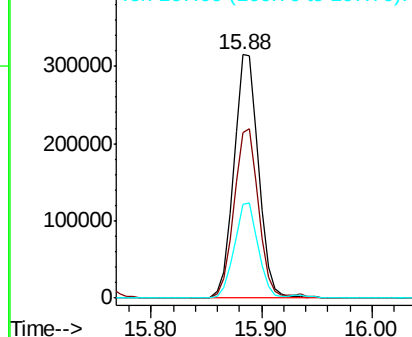
Delta R.T. -0.01 min

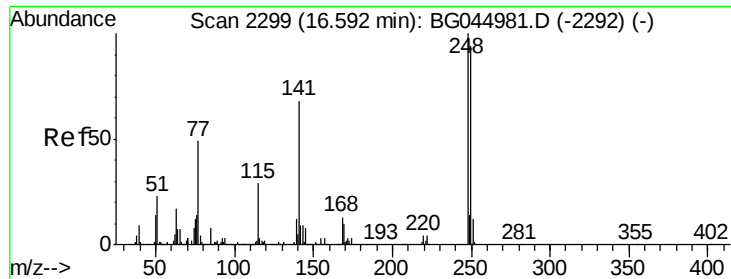
Lab File: BG045202.D

Acq: 29 Apr 2020 13:00

Tgt Ion:	169	Resp:	492060
Ion	Ratio	Lower	Upper
169	100		
168	68.2	55.8	83.8
167	38.4	30.8	46.2

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





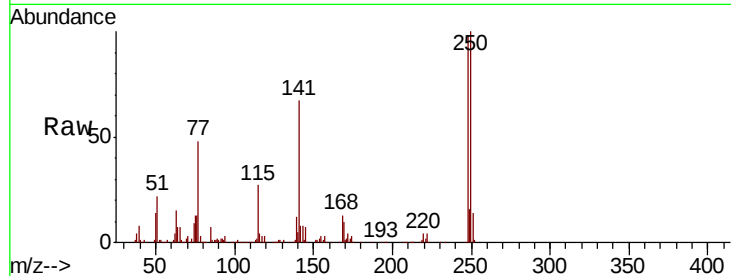
#67
4-Bromophenyl-phenylether
Concen: 37.362 ng
RT: 16.57 min Scan# 2295
Delta R.T. 0.00 min
Lab File: BG045202.D
Acq: 29 Apr 2020 13:00

Instrument :
BNA_G
ClientSampleId :
PB128519BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	102.3	75.4	113.2
141	68.5	54.4	81.6

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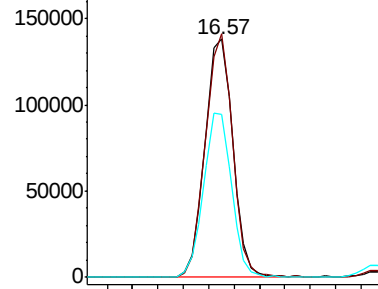


Abundance

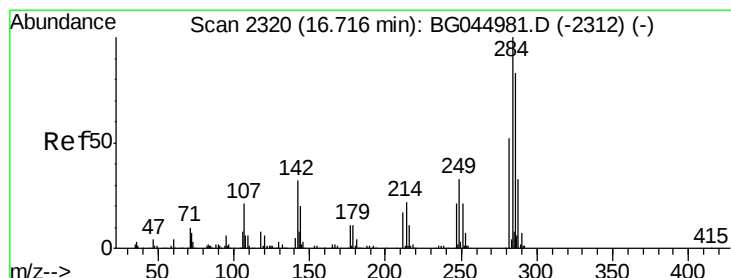
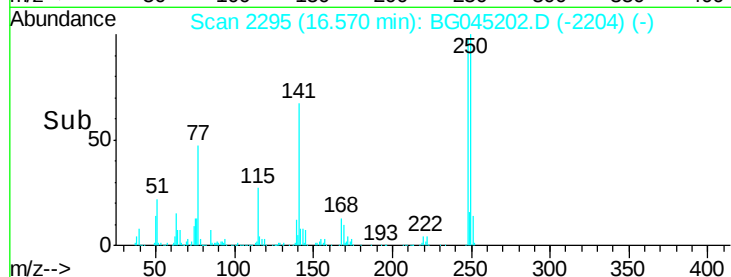
Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

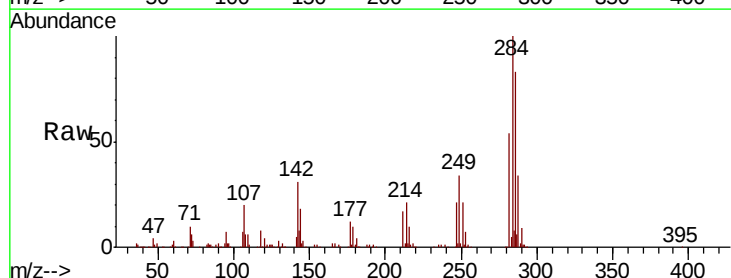


Time-->



#68
Hexachlorobenzene
Concen: 39.732 ng
RT: 16.69 min Scan# 2316
Delta R.T. -0.00 min
Lab File: BG045202.D
Acq: 29 Apr 2020 13:00

Tgt Ion	Ratio	Lower	Upper
284	100		
142	30.6	25.8	38.6
249	34.4	26.6	39.8

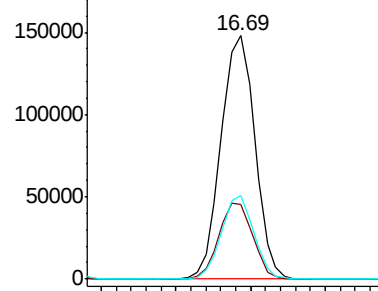


Abundance

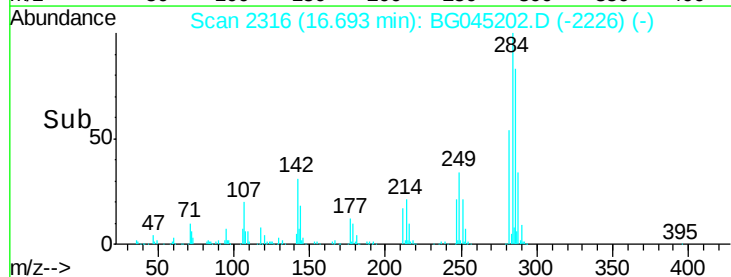
Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



Time-->





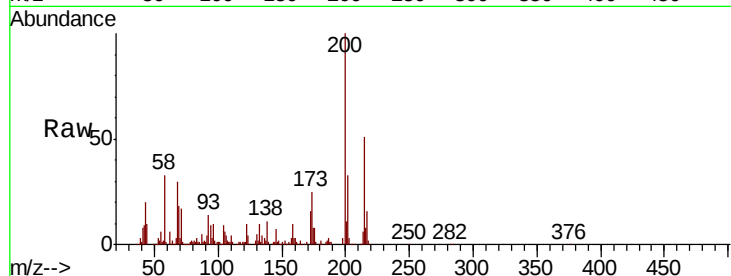
#69
Atrazine
Concen: 46.545 ng
RT: 16.83 min Scan# 2340
Delta R.T. -0.00 min
Lab File: BG045202.D
Acq: 29 Apr 2020 13:00

Instrument :
BNA_G
ClientSampleId :
PB128519BS

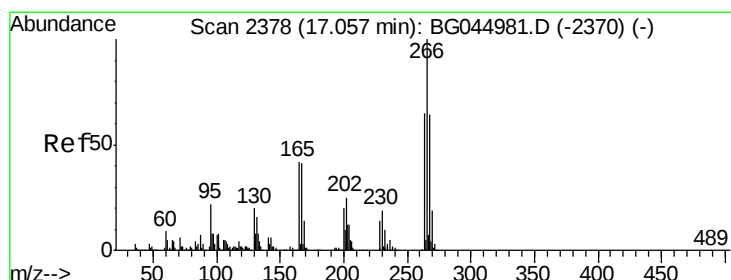
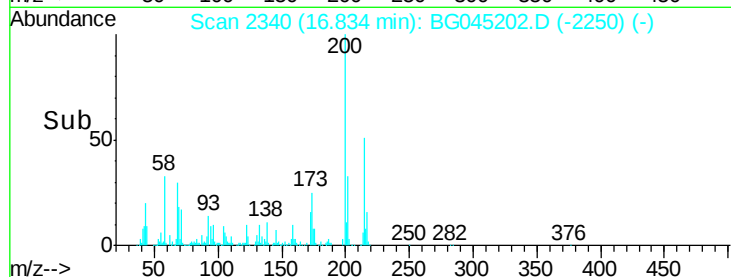
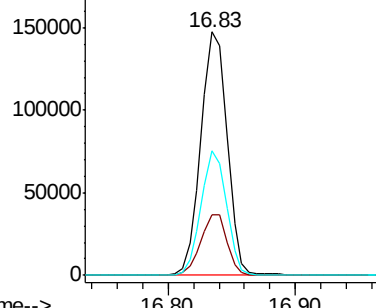
Tot Ion	Ratio	Lower	Upper
200	100		
173	24.7	4.5	44.5
215	50.9	30.0	70.0

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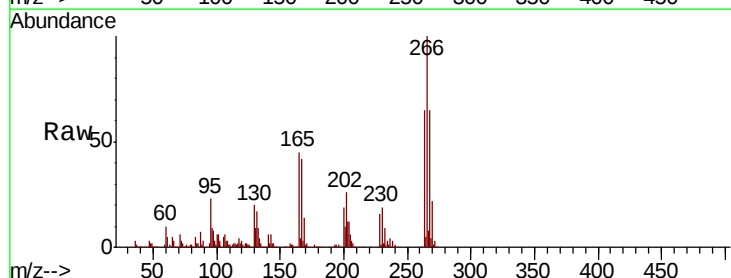


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

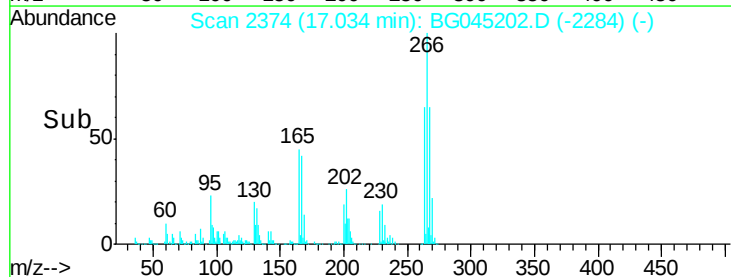
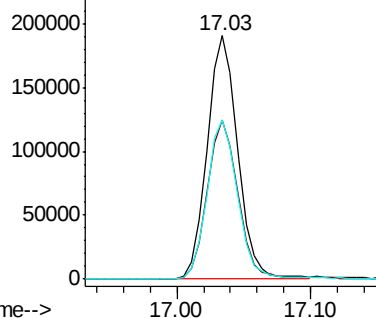


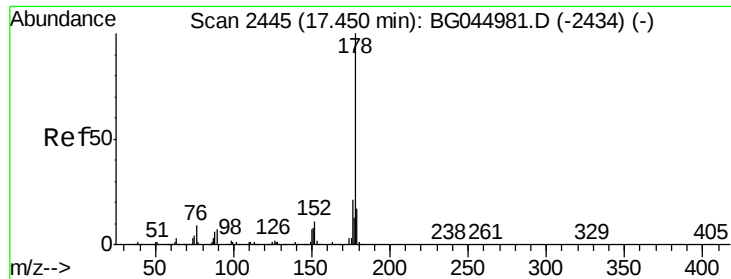
#70
Pentachlorophenol
Concen: 84.155 ng
RT: 17.03 min Scan# 2374
Delta R.T. -0.00 min
Lab File: BG045202.D
Acq: 29 Apr 2020 13:00

Tgt Ion	Ratio	Lower	Upper
266	100		
268	65.2	51.5	77.3
264	65.4	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





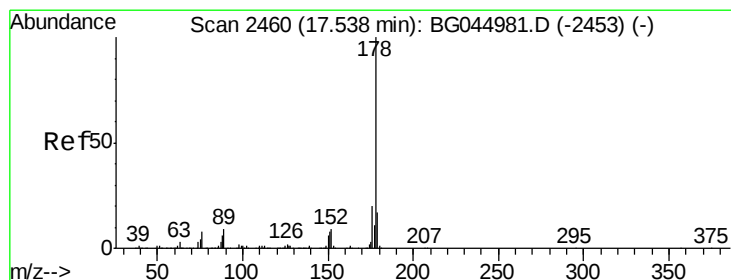
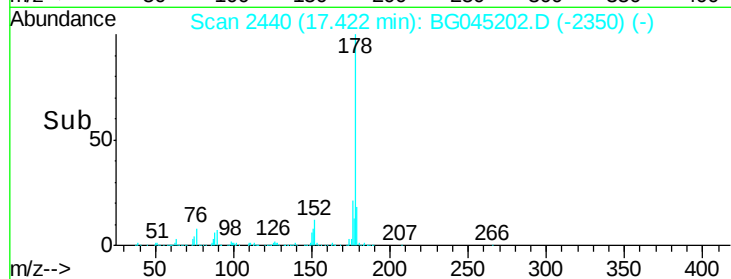
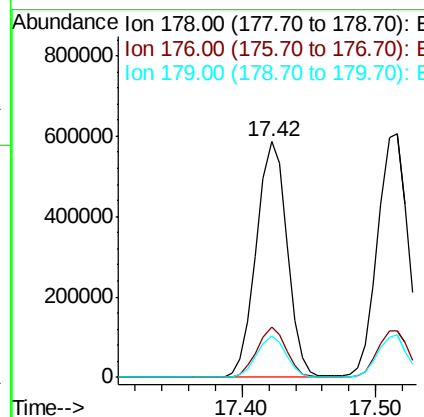
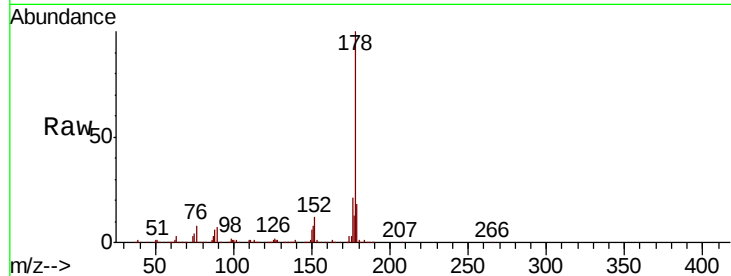
#71
Phenanthrene
Concen: 41.819 ng
RT: 17.42 min Scan# 2440
Delta R.T. -0.00 min
Lab File: BG045202.D
Acq: 29 Apr 2020 13:00

Instrument :
BNA_G
ClientSampleId :
PB128519BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	21.4	16.8	25.2
179	17.6	13.2	19.8

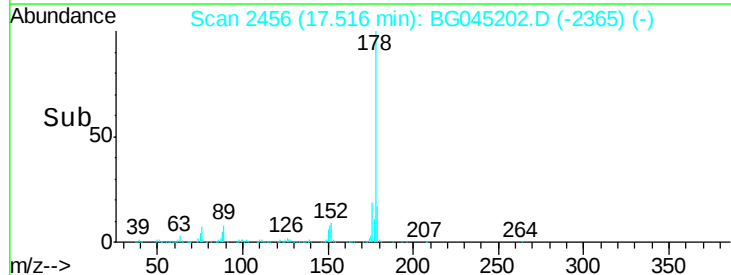
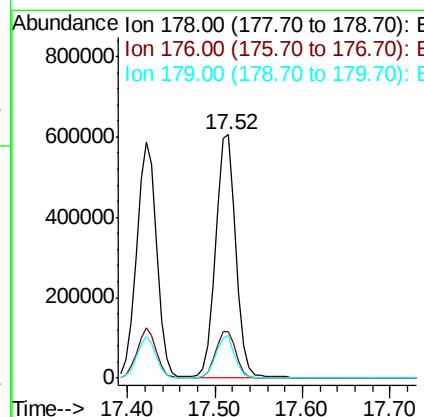
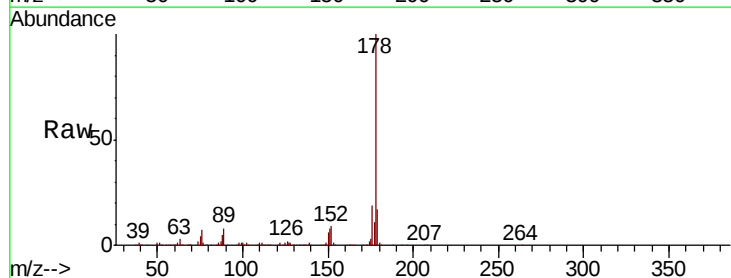
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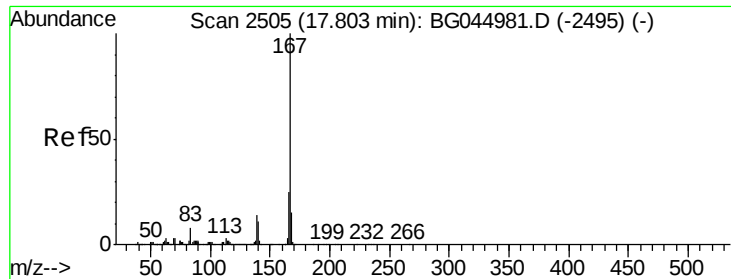
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#72
Anthracene
Concen: 43.071 ng
RT: 17.52 min Scan# 2456
Delta R.T. 0.00 min
Lab File: BG045202.D
Acq: 29 Apr 2020 13:00

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.3	16.0	24.0
179	17.3	13.6	20.4





#73

Carbazole

Concen: 40.277 ng

RT: 17.78 min Scan# 2501

Delta R.T. -0.00 min

Lab File: BG045202.D

Acq: 29 Apr 2020 13:00

Instrument :

BNA_G

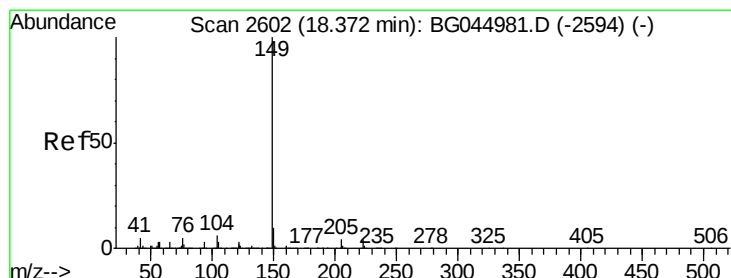
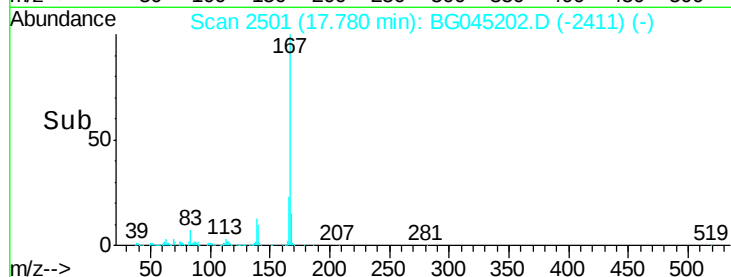
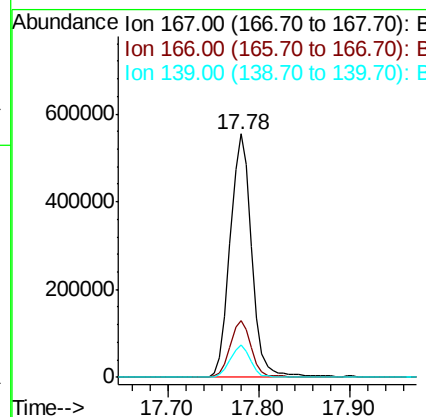
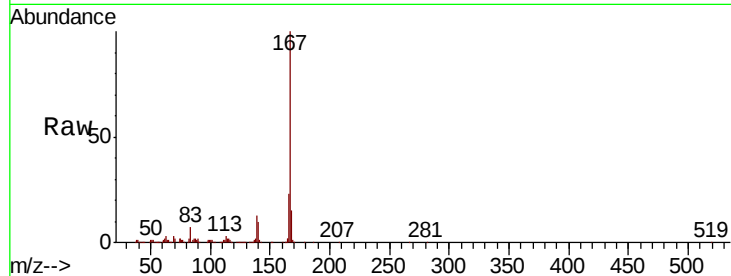
ClientSampleId :

PB128519BS

Tot Ion:	167	Resp:	918974
Ion Ratio	Lower	Upper	
167	100		
166	23.3	19.8	29.6
139	13.1	10.9	16.3

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#74

Di-n-butylphthalate

Concen: 44.925 ng

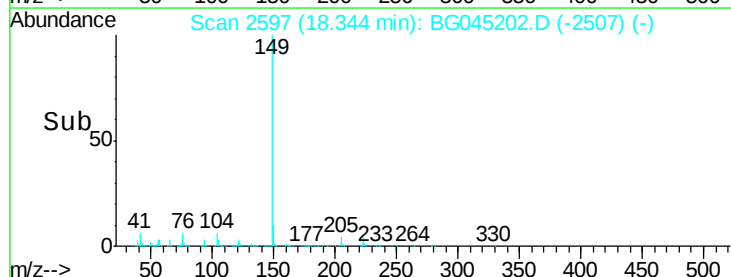
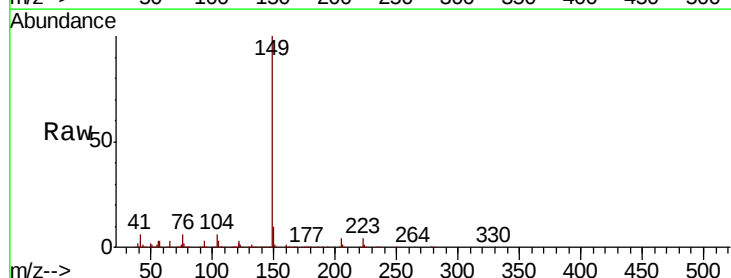
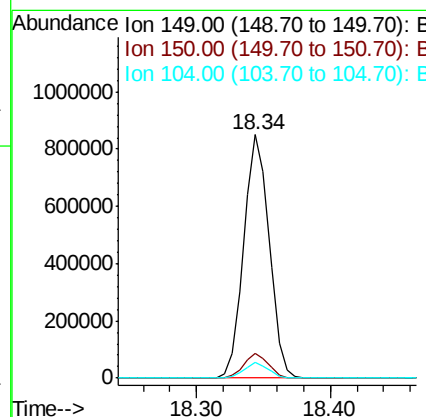
RT: 18.34 min Scan# 2597

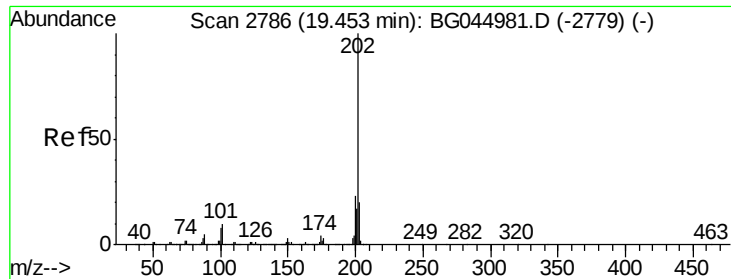
Delta R.T. -0.00 min

Lab File: BG045202.D

Acq: 29 Apr 2020 13:00

Tgt Ion:	149	Resp:	1116044
Ion Ratio	Lower	Upper	
149	100		
150	10.1	8.2	12.2
104	6.3	4.8	7.2





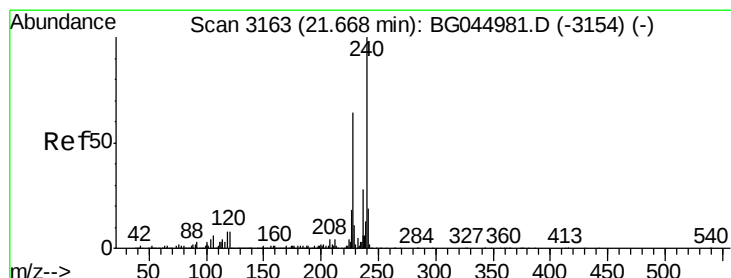
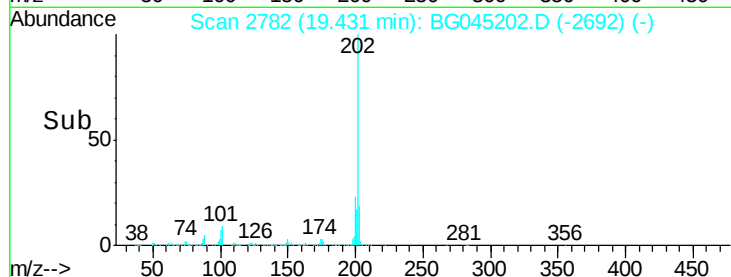
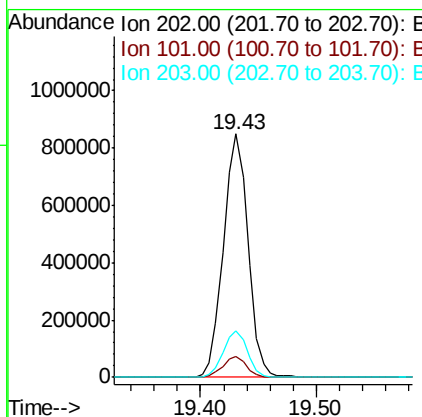
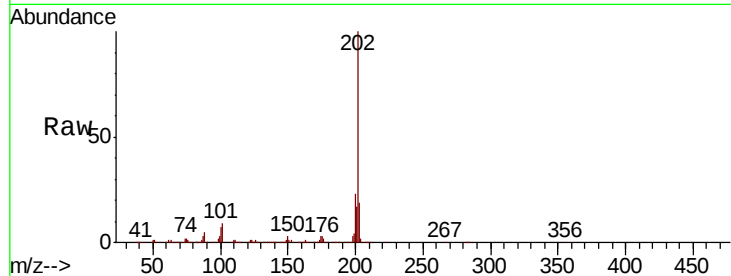
#75
 Fluoranthene
 Concen: 48.042 ng
 RT: 19.43 min Scan# 2782
 Delta R.T. -0.00 min
 Lab File: BG045202.D
 Acq: 29 Apr 2020 13:00

Instrument :
 BNA_G
 ClientSampleID :
 PB128519BS

Tot Ion	Ratio	Lower	Upper
202	100		
101	8.6	0.0	29.6
203	18.9	0.0	39.7

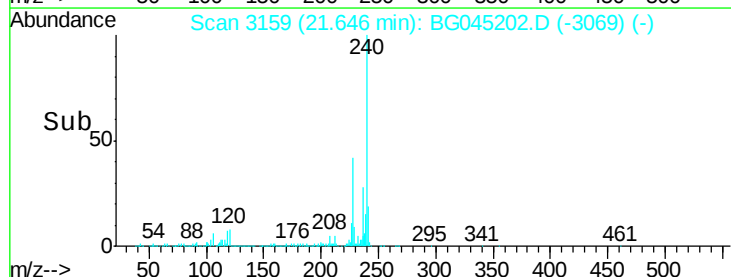
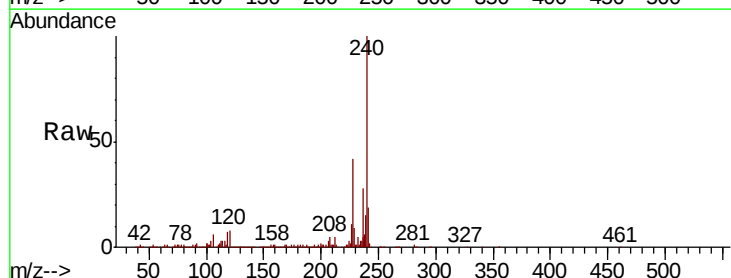
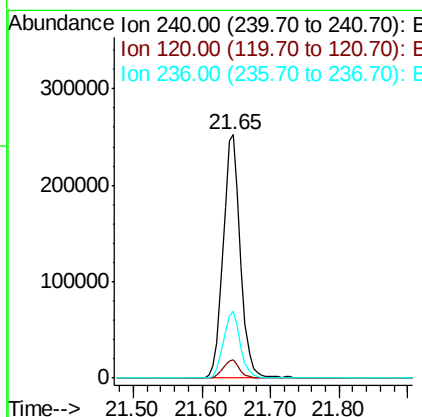
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#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.65 min Scan# 3159
 Delta R.T. -0.00 min
 Lab File: BG045202.D
 Acq: 29 Apr 2020 13:00

Tgt Ion	Ratio	Lower	Upper
240	100		
120	7.6	6.6	10.0
236	27.6	22.2	33.2





#77

Benzidine

Concen: 54.863 ng

RT: 19.61 min Scan# 2812

Delta R.T. -0.00 min

Lab File: BG045202.D

Acq: 29 Apr 2020 13:00

Instrument :

BNA_G

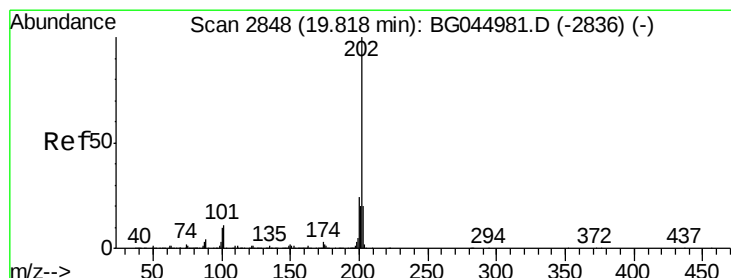
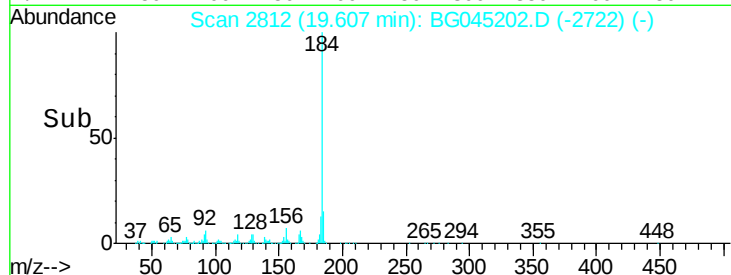
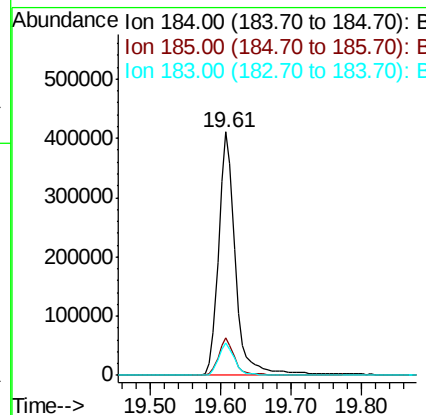
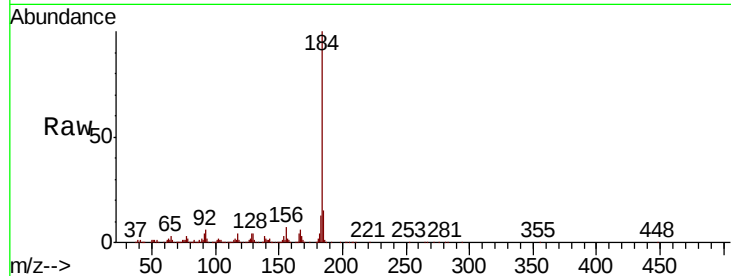
ClientSampled :

PB128519BS

Tot Ion:	184	Resp:	681922
Ion Ratio	Lower	Upper	
184	100		
185	15.5	12.6	19.0
183	13.2	11.3	16.9

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#78

Pyrene

Concen: 40.709 ng

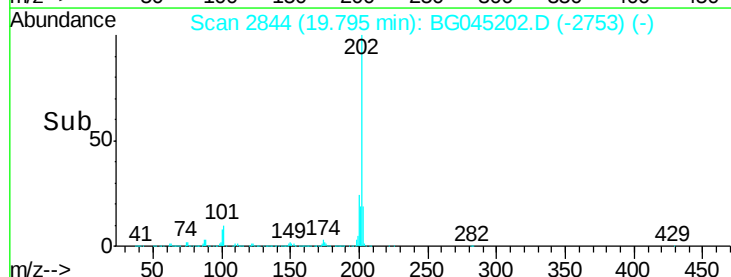
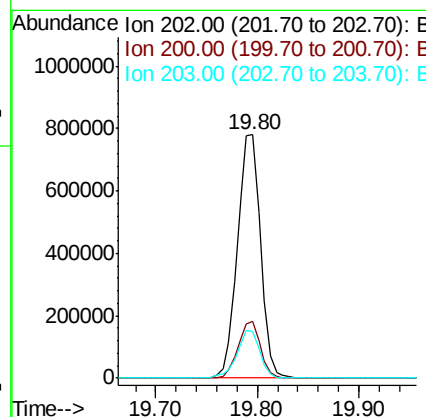
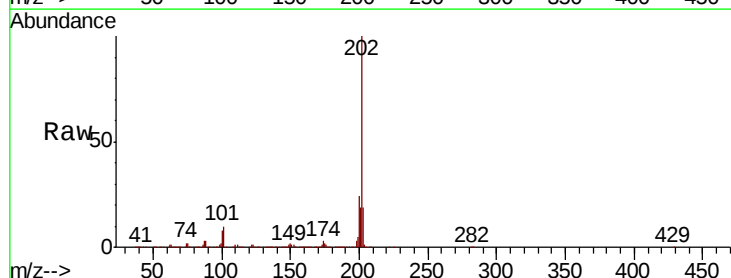
RT: 19.80 min Scan# 2844

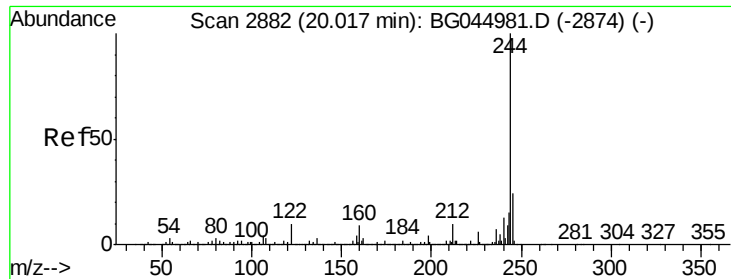
Delta R.T. 0.00 min

Lab File: BG045202.D

Acq: 29 Apr 2020 13:00

Tgt Ion:	202	Resp:	1233728
Ion Ratio	Lower	Upper	
202	100		
200	23.5	19.0	28.6
203	19.2	16.1	24.1





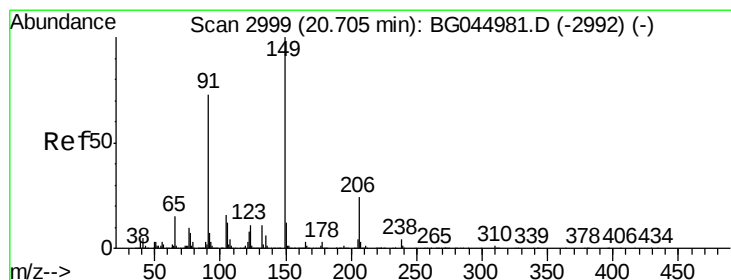
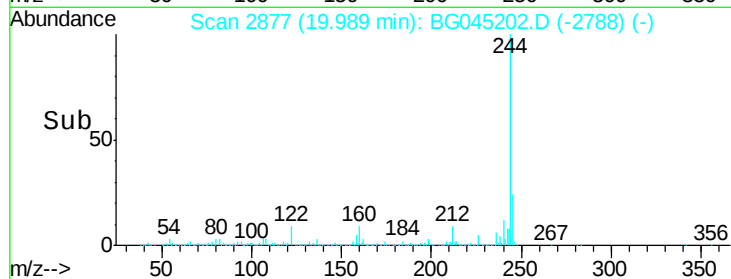
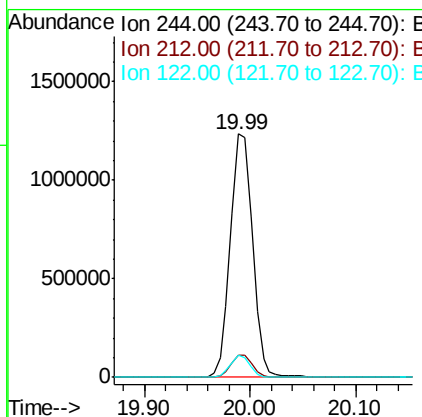
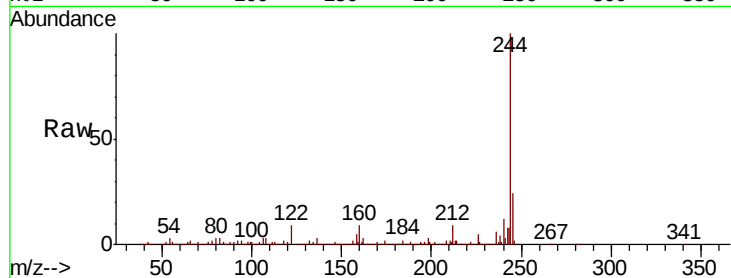
#79
 Terphenyl-d14
 Concen: 89.290 ng
 RT: 19.99 min Scan# 2877
 Delta R.T. -0.01 min
 Lab File: BG045202.D
 Acq: 29 Apr 2020 13:00

Instrument :
 BNA_G
 ClientSampleId :
 PB128519BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	9.4	7.9	11.9
122	8.9	7.7	11.5

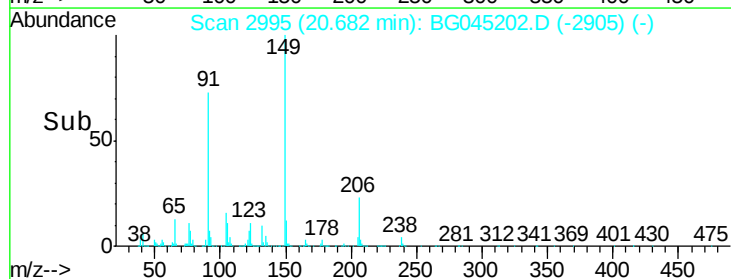
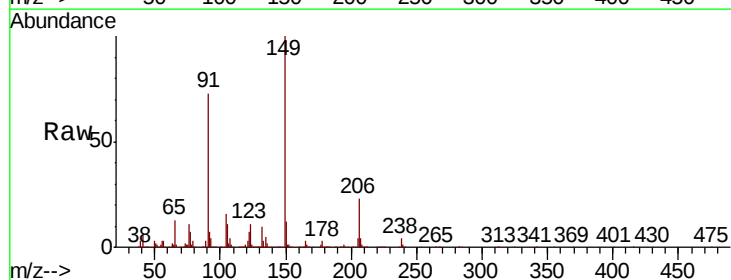
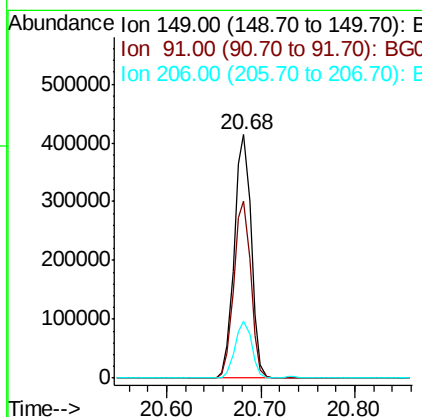
Manual Integrations
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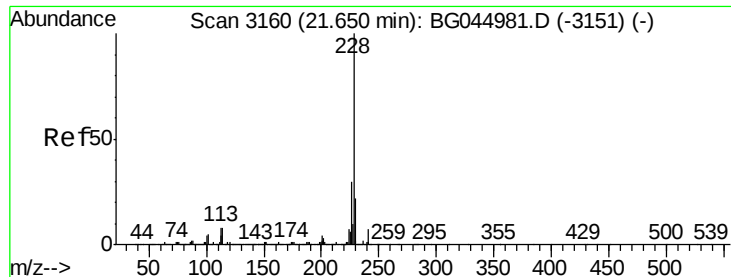
mohammad
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#80
 Butylbenzylphthalate
 Concen: 41.241 ng
 RT: 20.68 min Scan# 2995
 Delta R.T. -0.00 min
 Lab File: BG045202.D
 Acq: 29 Apr 2020 13:00

Tgt Ion	Ratio	Lower	Upper
149	100		
91	72.7	58.5	87.7
206	23.3	19.2	28.8





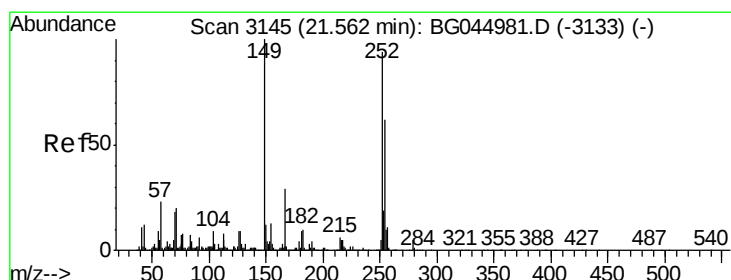
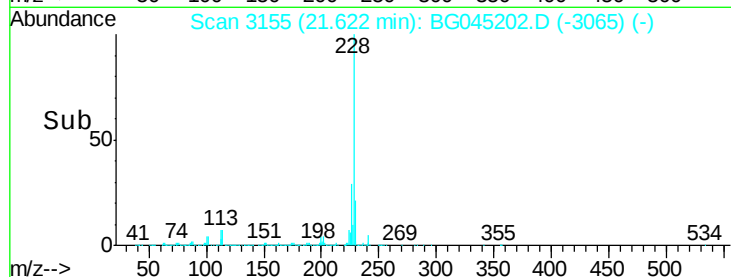
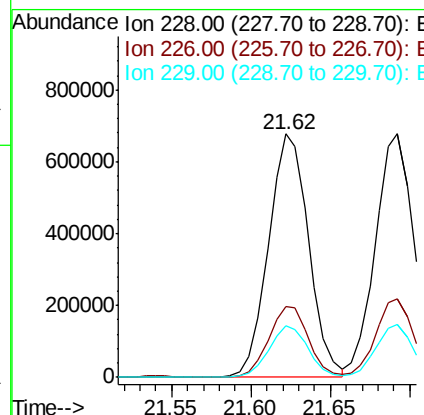
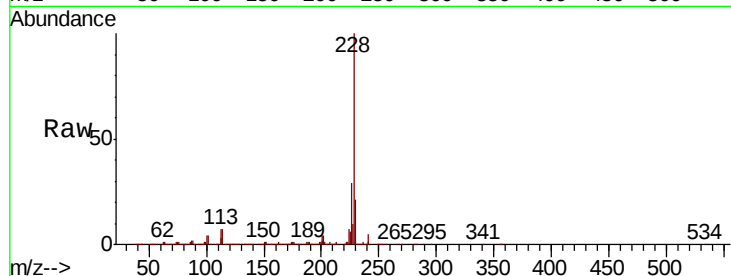
#81
Benzo(a)anthracene
Concen: 41.757 ng
RT: 21.62 min Scan# 3155
Delta R.T. -0.00 min
Lab File: BG045202.D
Acq: 29 Apr 2020 13:00

Instrument :
BNA_G
ClientSampleId :
PB128519BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.3	24.0	36.0
229	21.1	17.5	26.3

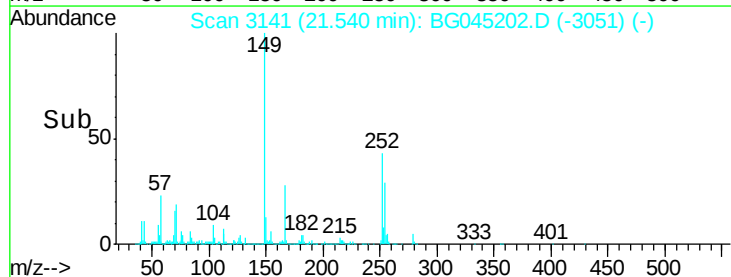
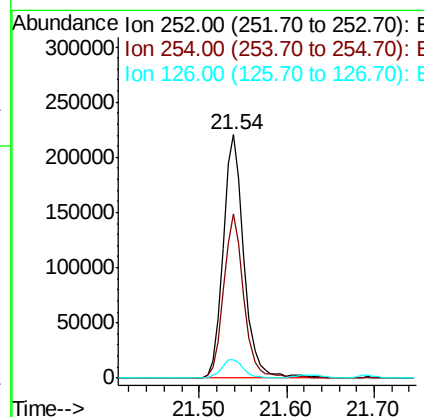
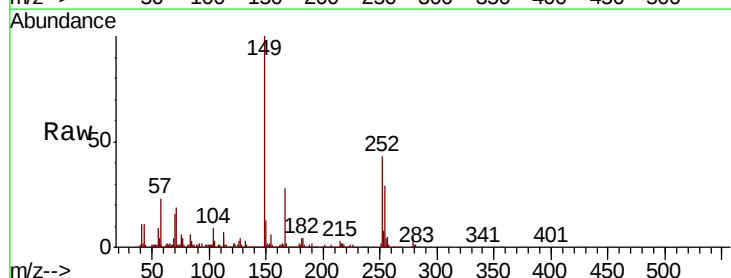
Manual Integrations
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#82
3,3'-Dichlorobenzidine
Concen: 31.770 ng
RT: 21.54 min Scan# 3141
Delta R.T. -0.00 min
Lab File: BG045202.D
Acq: 29 Apr 2020 13:00

Tgt Ion	Ratio	Lower	Upper
252	100		
254	67.2	52.6	79.0
126	7.4	7.5	11.3#





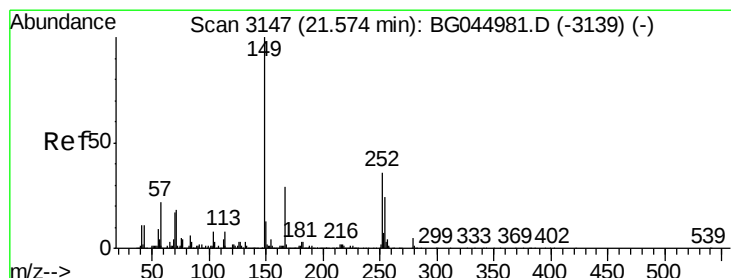
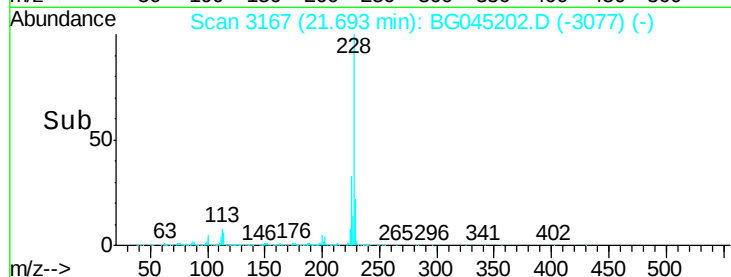
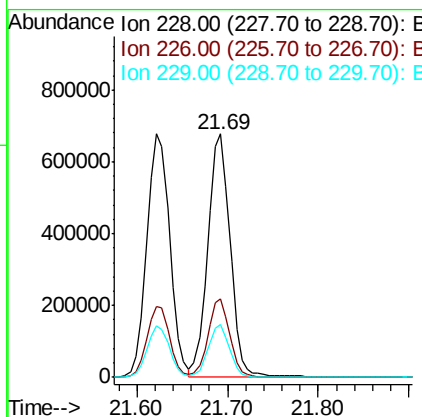
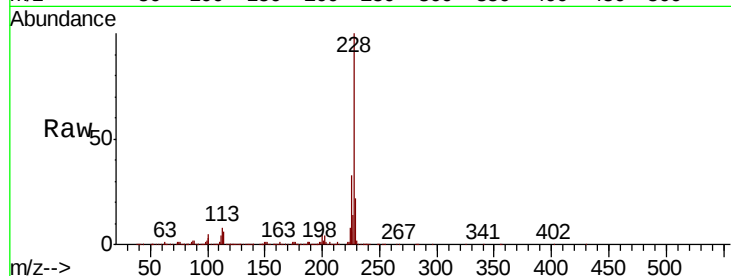
#83
Chrysene
Concen: 42.369 ng
RT: 21.69 min Scan# 3167
Delta R.T. -0.00 min
Lab File: BG045202.D
Acq: 29 Apr 2020 13:00

Instrument :
BNA_G
ClientSampleId :
PB128519BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	32.5	26.2	39.4
229	21.6	17.0	25.6

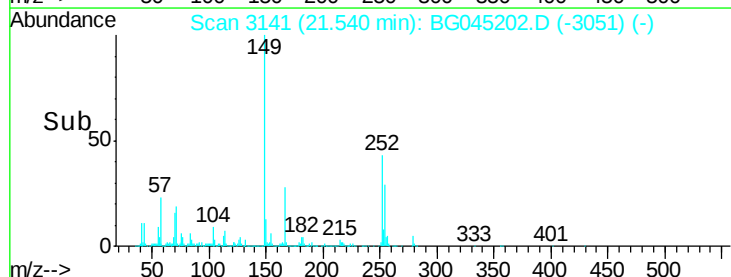
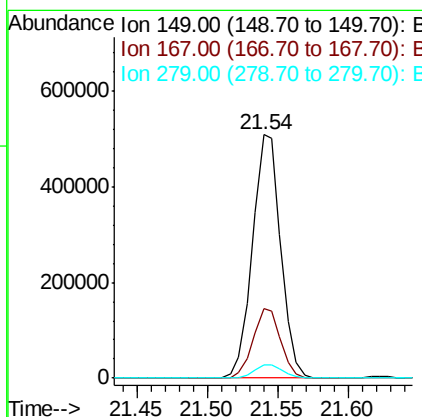
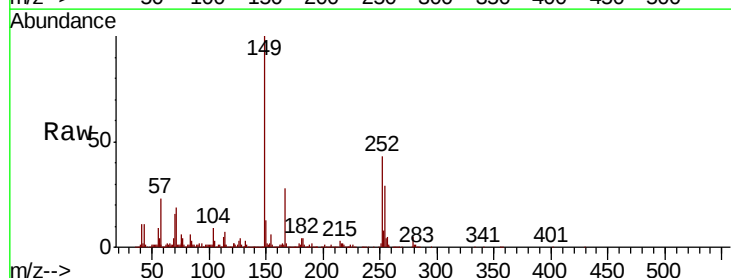
Manual Integrations
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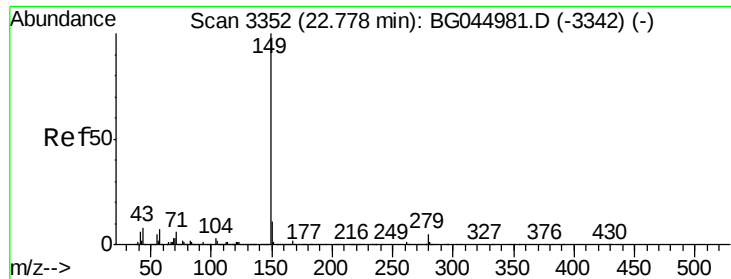
mohammad
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#84
Bis(2-ethylhexyl)phthalate
Concen: 41.354 ng
RT: 21.54 min Scan# 3141
Delta R.T. -0.00 min
Lab File: BG045202.D
Acq: 29 Apr 2020 13:00

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.4	23.4	35.0
279	5.3	4.3	6.5





#85

Di-n-octyl phthalate

Concen: 41.800 ng

RT: 22.74 min Scan# 3345

Delta R.T. -0.01 min

Lab File: BG045202.D

Acq: 29 Apr 2020 13:00

Instrument :

BNA_G

ClientSampleId :

PB128519BS

Tot Ion:149 Resp: 1248844

Ion Ratio Lower Upper

149 100

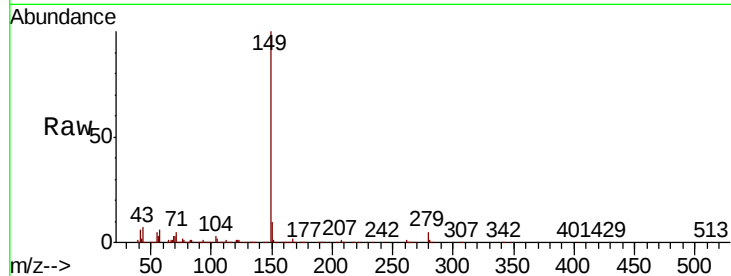
167 1.7 1.4 2.2

43 7.0 5.7 8.5

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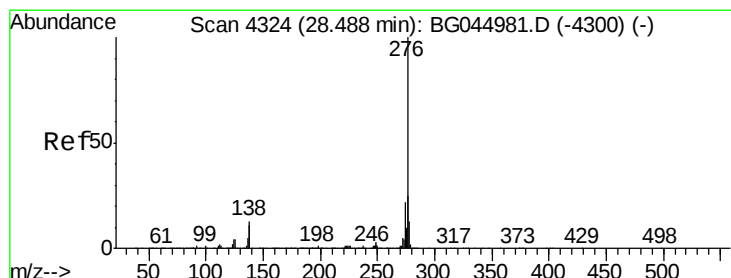
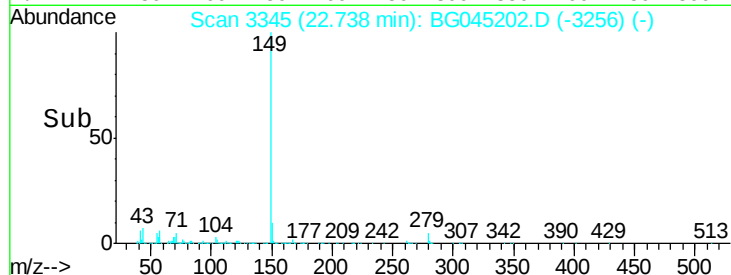
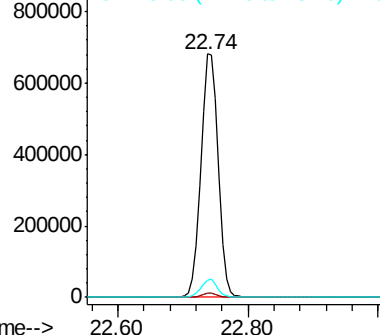
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 42.633 ng

RT: 28.42 min Scan# 4313

Delta R.T. -0.01 min

Lab File: BG045202.D

Acq: 29 Apr 2020 13:00

Tgt Ion:276 Resp: 1549529

Ion Ratio Lower Upper

276 100

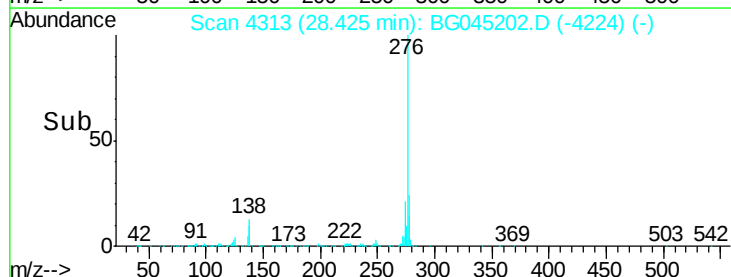
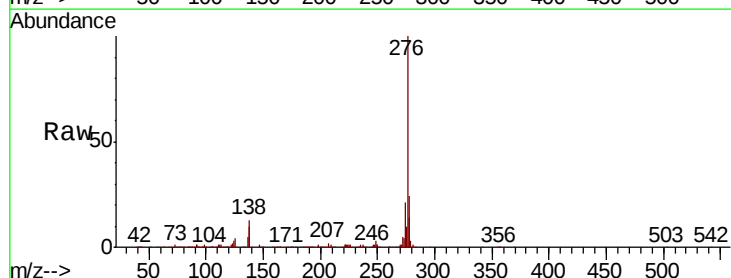
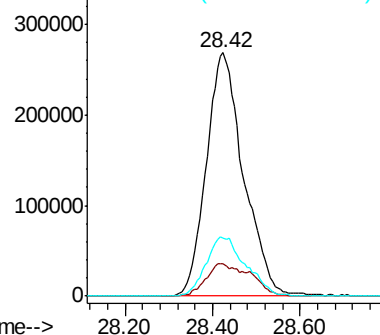
138 16.2 9.6 14.4#

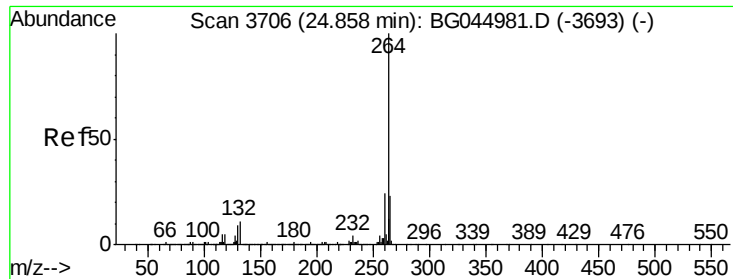
277 25.9 20.6 31.0

Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





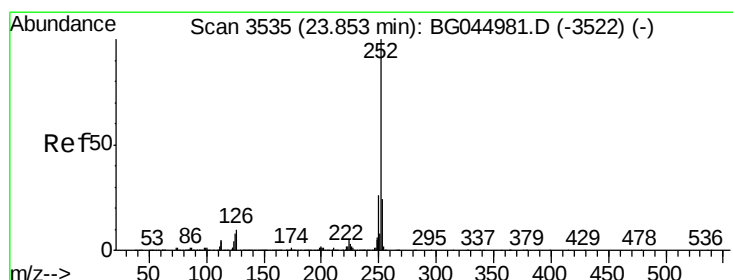
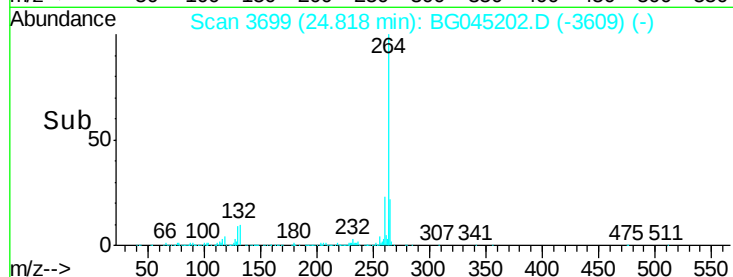
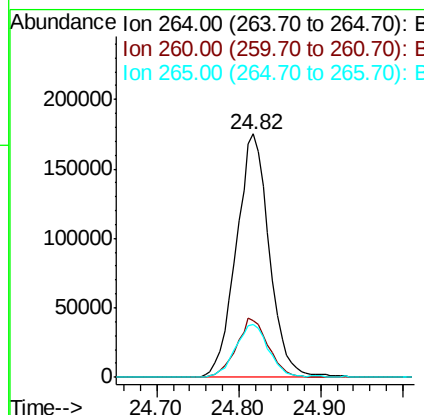
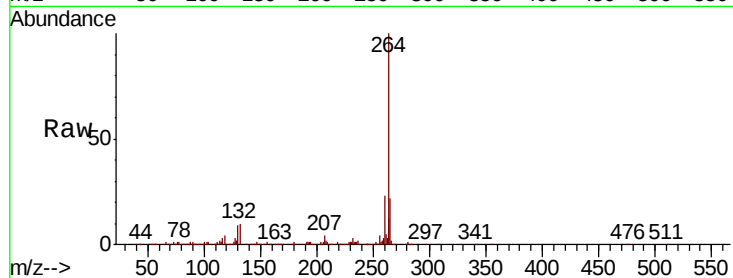
#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.82 min Scan# 3699
Delta R.T. -0.00 min
Lab File: BG045202.D
Acq: 29 Apr 2020 13:00

Instrument :
BNA_G
ClientSampleId :
PB128519BS

Tot Ion:	264	Resp:	491461
Ion Ratio	Lower	Upper	
264	100		
260	23.2	19.2	28.8
265	21.9	19.0	28.4

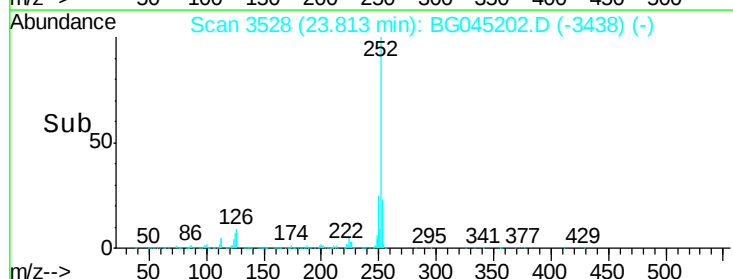
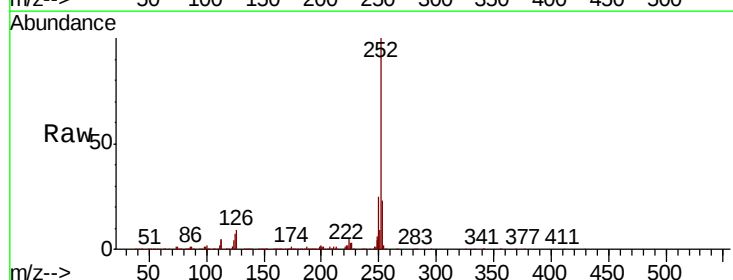
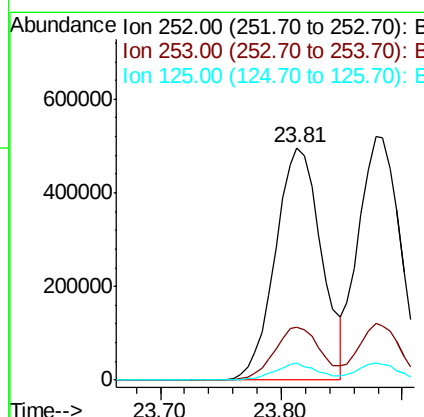
Manual Integrations
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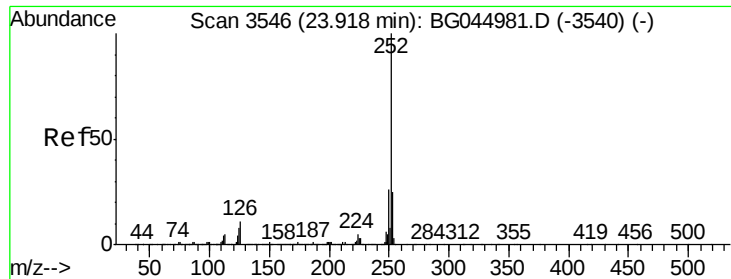
mohammad
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#88
Benzo(b)fluoranthene
Concen: 42.494 ng
RT: 23.81 min Scan# 3528
Delta R.T. -0.00 min
Lab File: BG045202.D
Acq: 29 Apr 2020 13:00

Tgt Ion:	252	Resp:	1308166
Ion Ratio	Lower	Upper	
252	100		
253	22.8	18.8	28.2
125	7.3	6.2	9.4





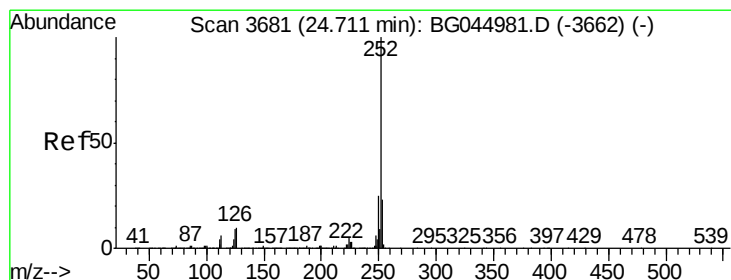
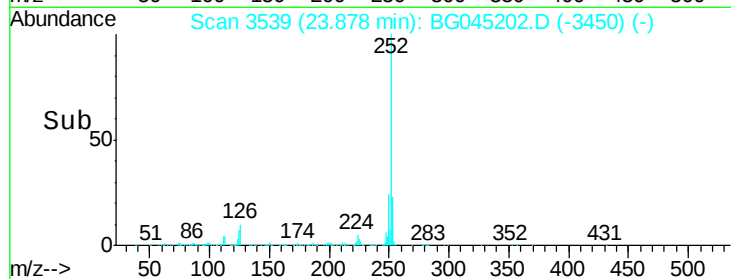
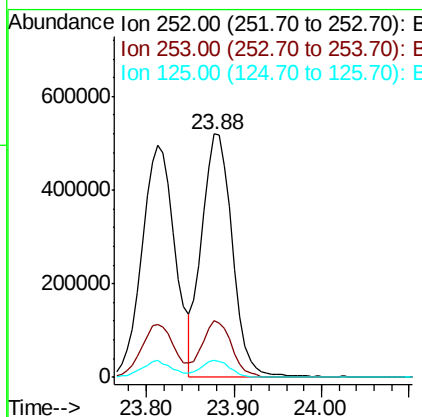
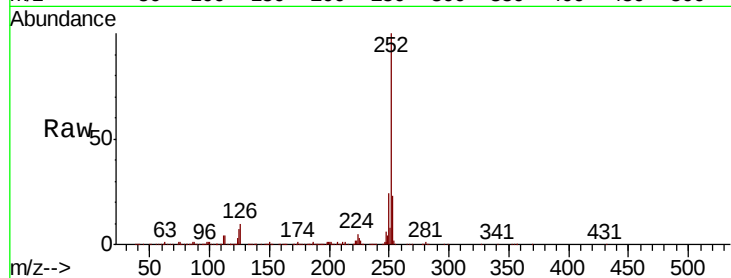
#89
Benzo(k)fluoranthene
Concen: 43.089 ng
RT: 23.88 min Scan# 3539
Delta R.T. -0.01 min
Lab File: BG045202.D
Acq: 29 Apr 2020 13:00

Instrument :
BNA_G
ClientSampleId :
PB128519BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.3	19.2	28.8
125	6.8	5.9	8.9

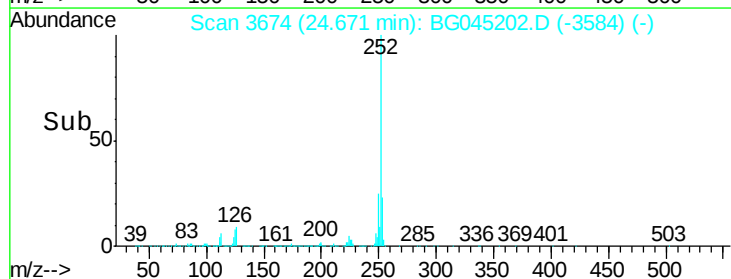
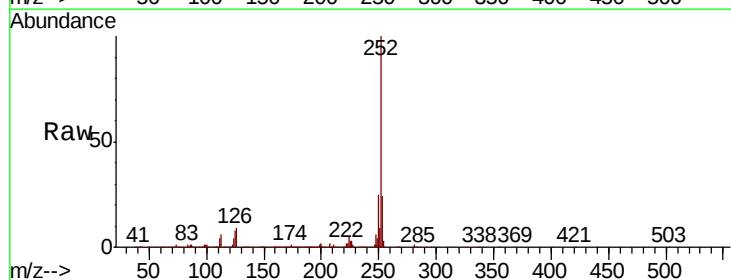
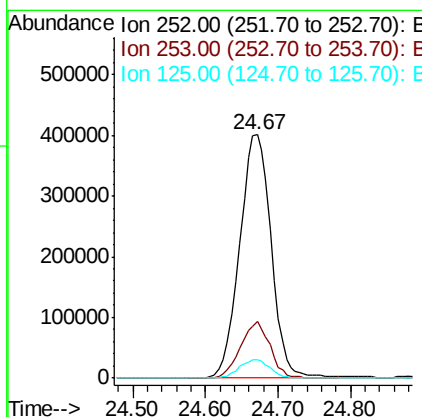
Manual Integrations
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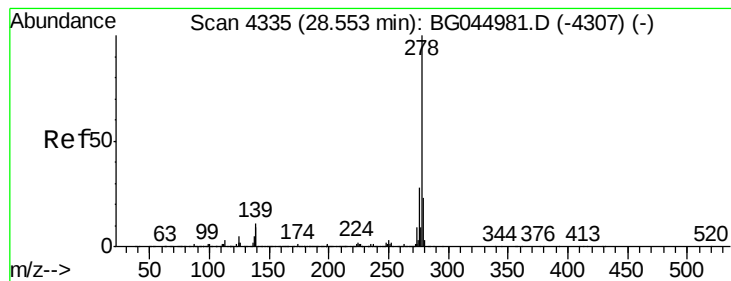
mohammad
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#90
Benzo(a)pyrene
Concen: 41.624 ng
RT: 24.67 min Scan# 3674
Delta R.T. -0.00 min
Lab File: BG045202.D
Acq: 29 Apr 2020 13:00

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.3	27.5
125	7.7	7.0	10.6





#91

Dibenzo(a,h)anthracene

Concen: 42.987 ng

RT: 28.49 min Scan# 4324

Delta R.T. 0.00 min

Lab File: BG045202.D

Acq: 29 Apr 2020 13:00

Instrument :

BNA_G

ClientSampleId :

PB128519BS

Tot Ion:278 Resp: 1259007

Ion Ratio Lower Upper

278 100

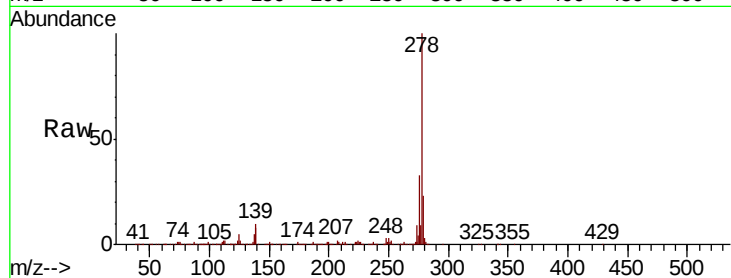
139 9.8 9.0 13.6

279 23.4 18.4 27.6

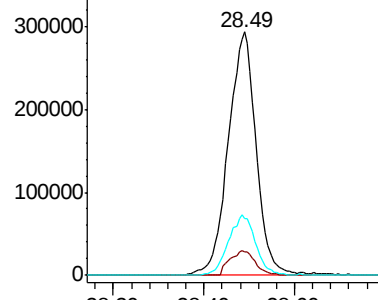
Manual Integrations
APPROVED

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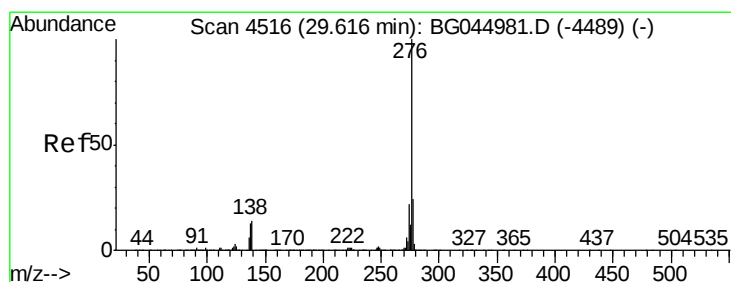
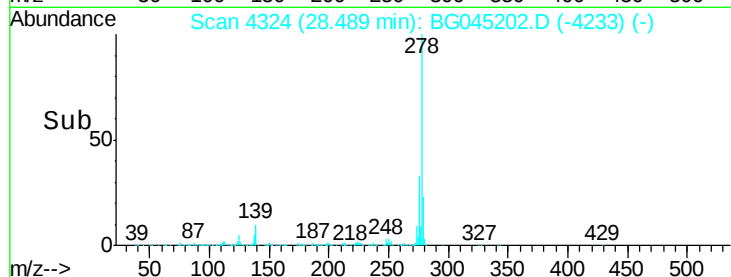
4/30/2020 1:37:38 PM



Abundance Ion 278.00 (277.70 to 278.70): E
400000 Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



Time-->



#92

Benzo(g,h,i)perylene

Concen: 43.075 ng

RT: 29.55 min Scan# 4504

Delta R.T. -0.01 min

Lab File: BG045202.D

Acq: 29 Apr 2020 13:00

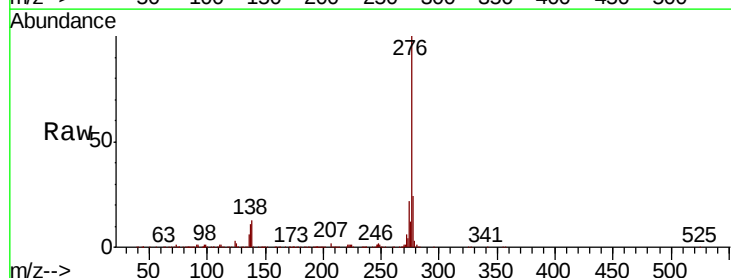
Tgt Ion:276 Resp: 1264811

Ion Ratio Lower Upper

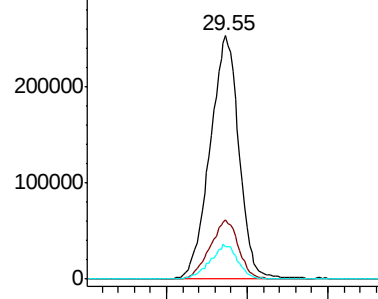
276 100

277 24.3 19.3 28.9

138 13.1 11.4 17.2



Abundance Ion 276.00 (275.70 to 276.70): E
300000 Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E



Time-->

