

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042920\
 Data File : BG045206.D
 Acq On : 29 Apr 2020 15:39
 Operator : CG/JU
 Sample : PB128538BSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB128538BSD

Manual Integrations
 APPROVED

mohammad
 4/30/2020 1:37:50 PM

Quant Time: Apr 29 17:33:46 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	60949	20.00	ng	0.00
21) Naphthalene-d8	10.80	136	256389	20.00	ng	0.00
39) Acenaphthene-d10	14.63	164	201417	20.00	ng	0.00
64) Phenanthrene-d10	17.38	188	488235	20.00	ng	0.00
76) Chrysene-d12	21.65	240	450834	20.00	ng	0.00
87) Perylene-d12	24.81	264	499892	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.56	112	340137	92.13	ng	0.00
7) Phenol-d6	7.16	99	485759	88.56	ng	0.00
23) Nitrobenzene-d5	9.15	82	436996	77.77	ng	0.00
42) 2,4,6-Tribromophenol	16.12	330	263961	84.83	ng	0.00
45) 2-Fluorobiphenyl	13.25	172	1087244	79.15	ng	0.00
79) Terphenyl-d14	19.99	244	1949878	94.27	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.45	88	56888	34.674	ng	98
3) Pyridine	3.84	79	163454	32.357	ng	94
4) n-Nitrosodimethylamine	3.76	42	66644	43.066	ng	# 90
6) Aniline	7.31	93	234937	32.943	ng	99
8) 2-Chlorophenol	7.56	128	193093	48.667	ng	98
9) Benzaldehyde	7.12	77	76126	20.394	ng	98
10) Phenol	7.18	94	262976	47.912	ng	98
11) bis(2-Chloroethyl)ether	7.41	93	176809	40.459	ng	98
12) 1,3-Dichlorobenzene	7.88	146	200222	42.825	ng	97
13) 1,4-Dichlorobenzene	8.02	146	205093	44.024	ng	100
14) 1,2-Dichlorobenzene	8.35	146	193279	43.366	ng	94
15) Benzyl Alcohol	8.22	79	191505	41.643	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.52	45	162410	37.860	ng	94
17) 2-Methylphenol	8.43	107	175776	41.507	ng	96
18) Hexachloroethane	9.08	117	76722	43.807	ng	95
19) n-Nitroso-di-n-propylamine	8.80	70	157476	40.597	ng	99
20) 3+4-Methylphenols	8.76	107	246707	41.620	ng	97
22) Acetophenone	8.81	105	288081	41.550	ng	98
24) Nitrobenzene	9.19	77	242950	42.181	ng	95
25) Isophorone	9.71	82	458781	39.870	ng	98
26) 2-Nitrophenol	9.91	139	113239	45.643	ng	98
27) 2,4-Dimethylphenol	9.97	122	182930	46.469	ng	98
28) bis(2-Chloroethoxy)methane	10.20	93	251589	41.613	ng	100
29) 2,4-Dichlorophenol	10.45	162	212651	46.782	ng	98
30) 1,2,4-Trichlorobenzene	10.66	180	220661	42.876	ng	96
31) Naphthalene	10.85	128	590122	42.074	ng	99
32) Benzoic acid	10.11	122	126820	40.957	ng	95
33) 4-Chloroaniline	10.95	127	138210	21.129	ng	96
34) Hexachlorobutadiene	11.14	225	150114	42.543	ng	98
35) Caprolactam	11.72	113	76701m	42.397	ng	
36) 4-Chloro-3-methylphenol	12.08	107	255021	47.758	ng	99
37) 2-Methylnaphthalene	12.46	142	469782	43.153	ng	96
38) 1-Methylnaphthalene	12.68	142	452808	44.059	ng	96
40) 1,2,4,5-Tetrachlorobenzene	12.83	216	262053	40.408	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.81	237	365892	90.271	nq	100
43) 2,4,6-Trichlorophenol	13.06	196	201232	43.966	nq	97
44) 2,4,5-Trichlorophenol	13.14	196	212251	40.741	nq	99
46) 1,1'-Biphenyl	13.46	154	618001	40.368	nq	99
47) 2-Chloronaphthalene	13.50	162	478526	40.908	nq	98
48) 2-Nitroaniline	13.70	65	159759	41.509	nq	98
49) Acenaphthylene	14.36	152	805387	42.269	nq	99
50) Dimethylphthalate	14.09	163	682155	41.594	nq	99
51) 2,6-Dinitrotoluene	14.20	165	156356	42.624	nq	95
52) Acenaphthene	14.70	154	622746m	48.306	nq	
53) 3-Nitroaniline	14.53	138	110086	27.363	nq	99
54) 2,4-Dinitrophenol	14.74	184	208288	95.489	nq	96
55) Dibenzofuran	15.03	168	803119	42.730	nq	99
56) 4-Nitrophenol	14.85	139	261284	83.759	nq	96
57) 2,4-Dinitrotoluene	14.99	165	225250	42.018	nq	96
58) Fluorene	15.68	166	667729	43.494	nq	98
59) 2,3,4,6-Tetrachlorophenol	15.26	232	219914	47.441	nq	98
60) Diethylphthalate	15.45	149	715787	41.861	nq	100
61) 4-Chlorophenyl-phenylether	15.67	204	367157	41.550	nq	99
62) 4-Nitroaniline	15.70	138	160444	38.449	nq	97
63) Azobenzene	15.97	77	679863	43.126	nq	98
65) 4,6-Dinitro-2-methylphenol	15.76	198	148347	46.226	nq	99
66) n-Nitrosodiphenylamine	15.89	169	604347	43.082	nq	99
67) 4-Bromophenyl-phenylether	16.57	248	261852	41.573	nq	97
68) Hexachlorobenzene	16.69	284	287417	43.998	nq	100
69) Atrazine	16.84	200	252920	49.959	nq	99
70) Pentachlorophenol	17.03	266	357860	89.300	nq	97
71) Phenanthrene	17.42	178	1110313	44.255	nq	99
72) Anthracene	17.52	178	1124265	44.672	nq	99
73) Carbazole	17.78	167	1040824	40.753	nq	98
74) Di-n-butylphthalate	18.34	149	1246706	44.819	nq	99
75) Fluoranthene	19.43	202	1393672	47.619	nq	99
77) Benzidine	19.61	184	763880	60.558	nq	98
78) Pyrene	19.79	202	1356931	43.658	nq	98
80) Butylbenzylphthalate	20.68	149	554177	43.015	nq	99
81) Benzo(a)anthracene	21.62	228	1288212	44.086	nq	99
82) 3,3'-Dichlorobenzidine	21.54	252	373360	32.102	nq	98
83) Chrysene	21.69	228	1263388	45.000	nq	98
84) Bis(2-ethylhexyl)phthalate	21.54	149	781069	44.081	nq	100
85) Di-n-octyl phthalate	22.74	149	1341094	43.768	nq	100
86) Indeno(1,2,3-cd)pyrene	28.42	276	1677742	45.009	nq	# 96
88) Benzo(b)fluoranthene	23.81	252	1430125	45.672	nq	99
89) Benzo(k)fluoranthene	23.88	252	1357572	45.589	nq	99
90) Benzo(a)pyrene	24.67	252	1314135	44.450	nq	# 98
91) Dibenzo(a,h)anthracene	28.48	278	1342153	45.053	nq	95
92) Benzo(g,h,i)perylene	29.55	276	1356490	45.418	nq	98

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



#1

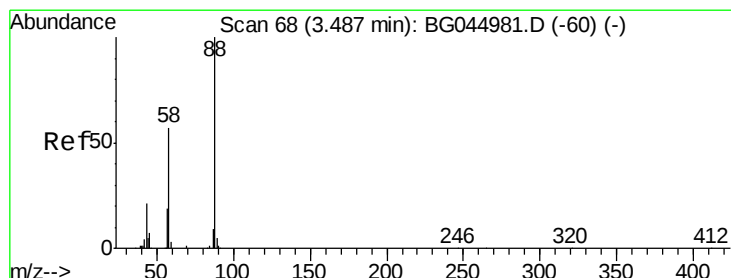
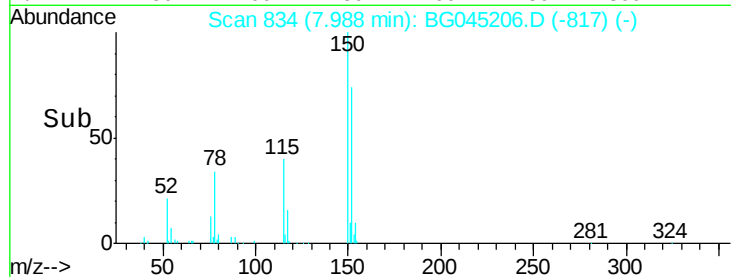
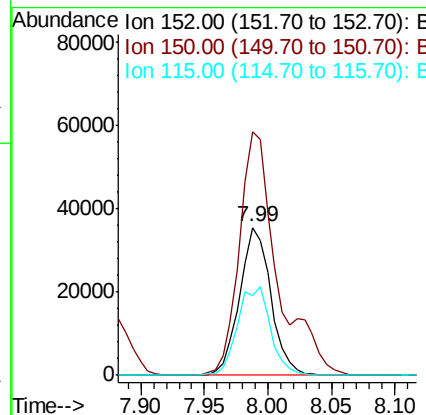
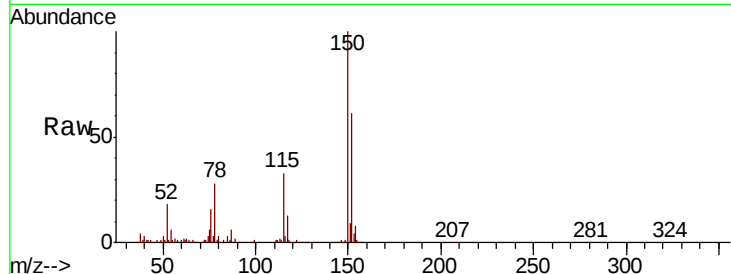
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.99 min Scan# 834
Delta R.T. -0.00 min
Lab File: BG045206.D
Acq: 29 Apr 2020 15:39

Instrument :
BNA_G
ClientSampleId :
PB128538BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	164.3	123.6	185.4
115	53.8	49.1	73.7

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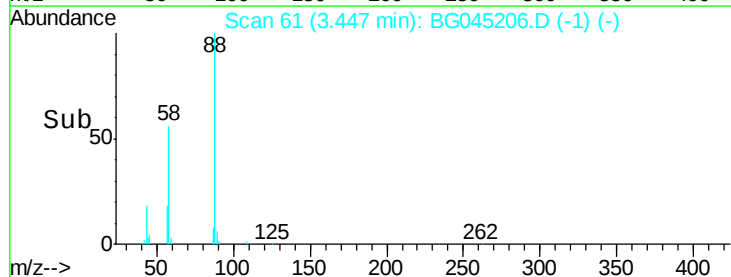
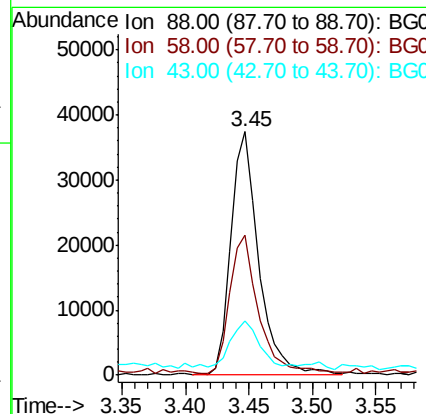
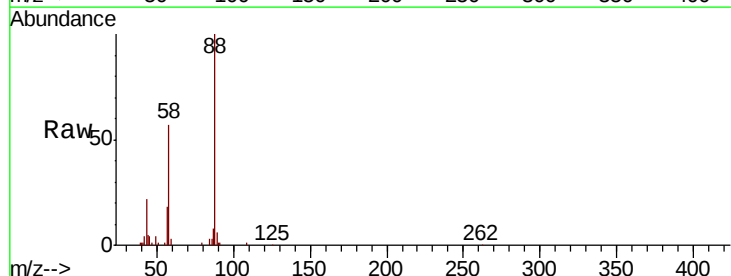
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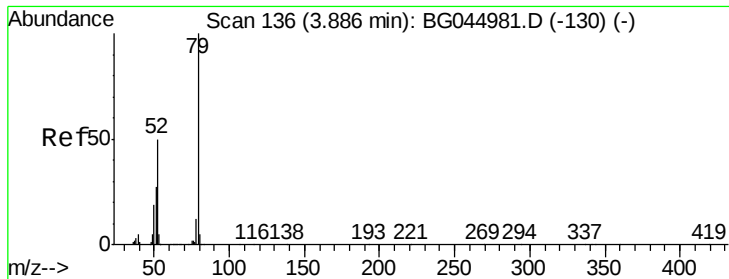


#2

1,4-Dioxane
Concen: 34.674 ng
RT: 3.45 min Scan# 61
Delta R.T. -0.00 min
Lab File: BG045206.D
Acq: 29 Apr 2020 15:39

Tgt Ion	Ratio	Lower	Upper
88	100		
58	58.2	46.6	69.8
43	19.1	17.5	26.3





#3

Pvridine

Concen: 32.357 ng

RT: 3.84 min Scan# 128

Delta R.T. -0.01 min

Lab File: BG045206.D

Acq: 29 Apr 2020 15:39

Instrument :

BNA_G

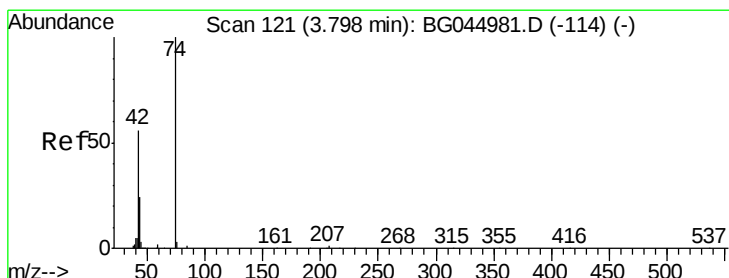
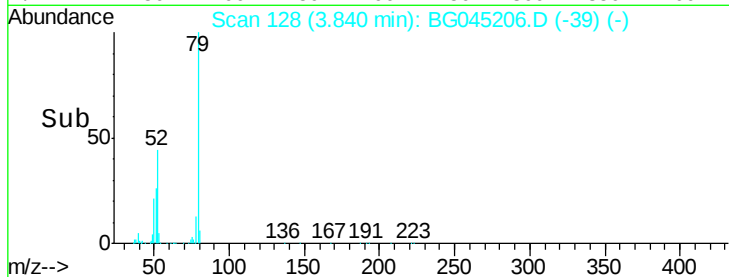
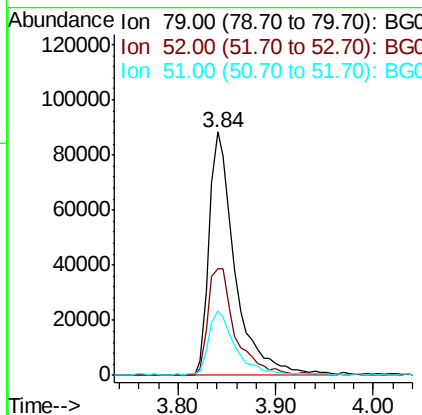
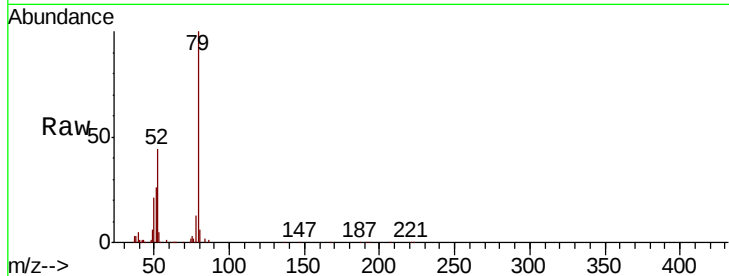
ClientSampleId :

PB128538BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100				
52	43.6		39.8	59.6	
51	26.4		21.4	32.2	

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 43.066 ng

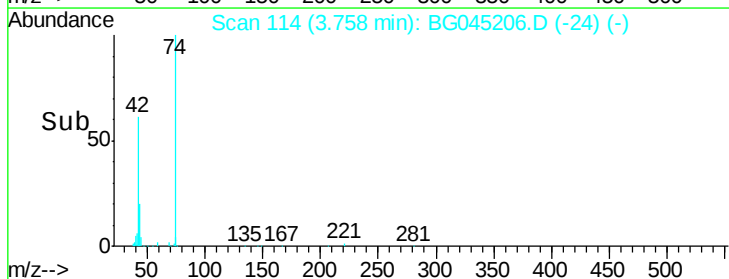
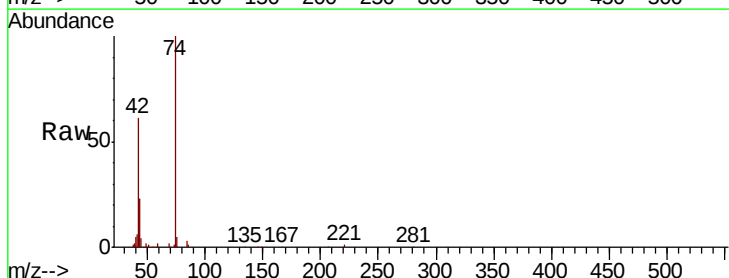
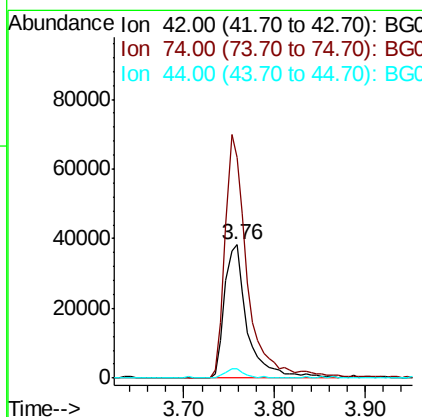
RT: 3.76 min Scan# 114

Delta R.T. -0.00 min

Lab File: BG045206.D

Acq: 29 Apr 2020 15:39

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	100				
74	164.8		143.0	214.6	
44	7.1		4.6	6.8#	





#5

2-Fluorophenol

Concen: 92.134 ng

RT: 5.56 min Scan# 421

Delta R.T. 0.00 min

Lab File: BG045206.D

Acq: 29 Apr 2020 15:39

Instrument :

BNA_G

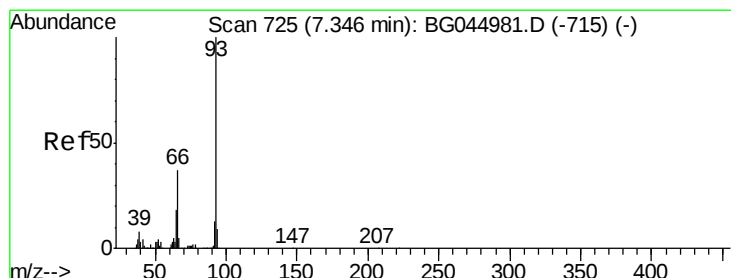
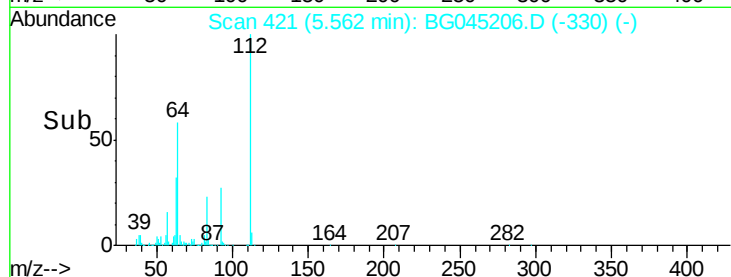
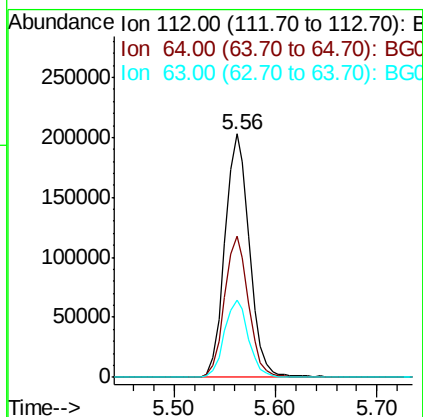
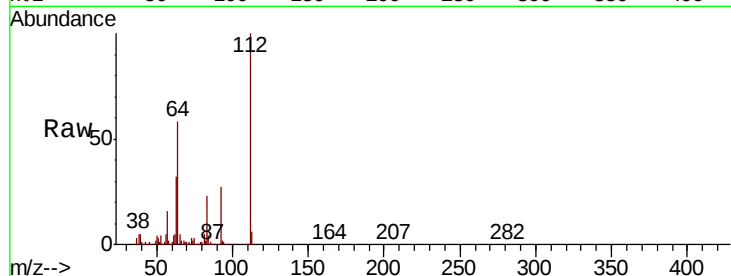
ClientSampleId :

PB128538BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
112	100		340137		
64	57.9	42.4	63.6		
63	31.7	23.1	34.7		

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#6

Aniline

Concen: 32.943 ng

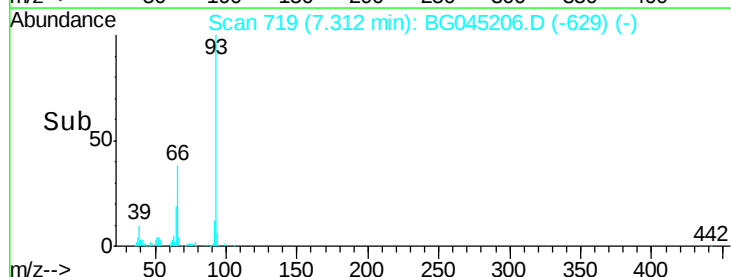
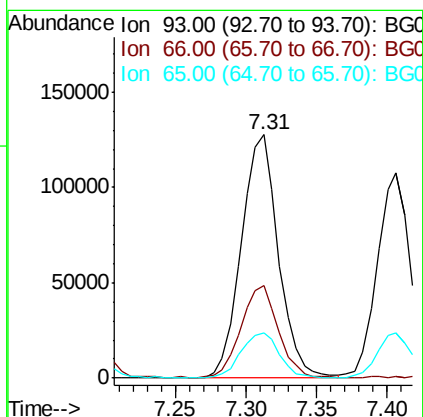
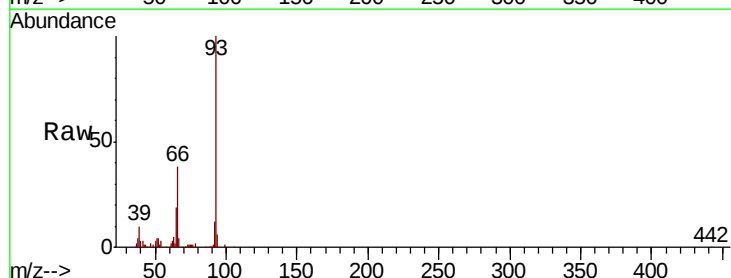
RT: 7.31 min Scan# 719

Delta R.T. -0.00 min

Lab File: BG045206.D

Acq: 29 Apr 2020 15:39

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		234937		
66	37.9	29.8	44.8		
65	18.6	14.6	22.0		





#7

Phenol-d6

Concen: 88.561 ng

RT: 7.16 min Scan# 693

Delta R.T. 0.00 min

Lab File: BG045206.D

Acq: 29 Apr 2020 15:39

Instrument :

BNA_G

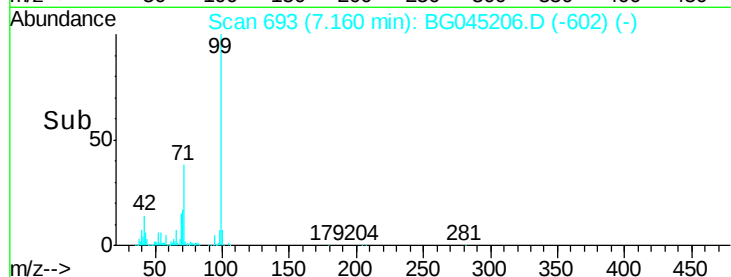
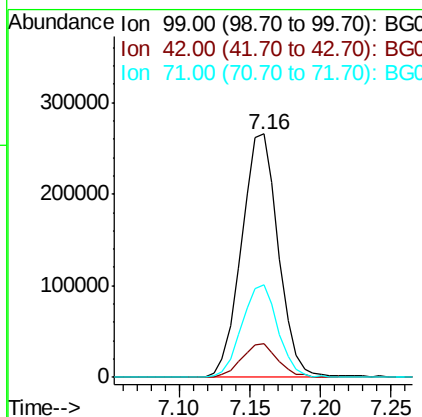
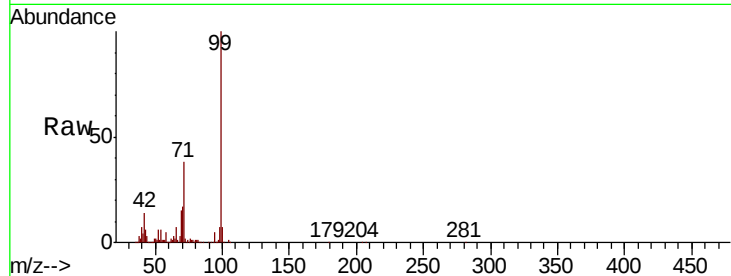
ClientSampleId :

PB128538BSD

Tot Ion:	99	Resp:	485759
Ion Ratio	Lower	Upper	
99	100		
42	13.8	11.3	16.9
71	38.1	28.3	42.5

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#8

2-Chlorophenol

Concen: 48.667 ng

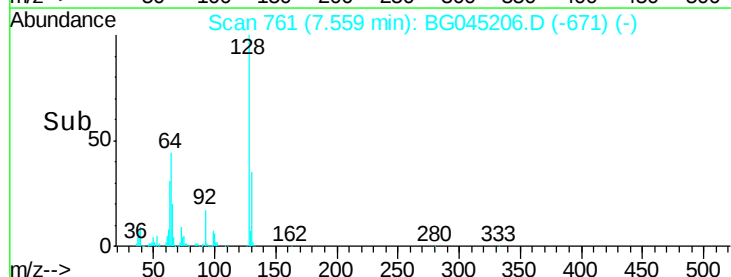
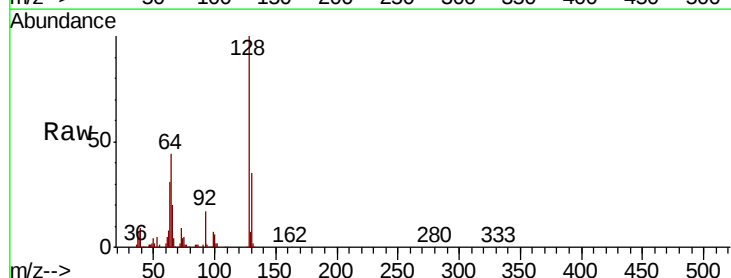
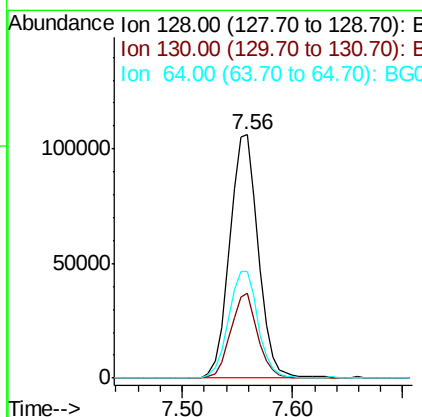
RT: 7.56 min Scan# 761

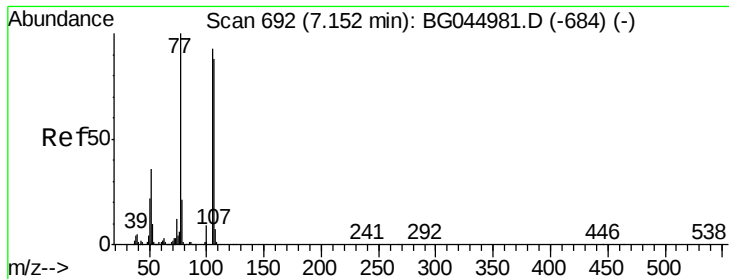
Delta R.T. -0.00 min

Lab File: BG045206.D

Acq: 29 Apr 2020 15:39

Tgt Ion:	128	Resp:	193093
Ion Ratio	Lower	Upper	
128	100		
130	34.8	12.3	52.3
64	43.8	24.4	64.4





#9

Benzaldehyde

Concen: 20.394 ng

RT: 7.12 min Scan# 686

Delta R.T. -0.00 min

Lab File: BG045206.D

Acq: 29 Apr 2020 15:39

Instrument :

BNA_G

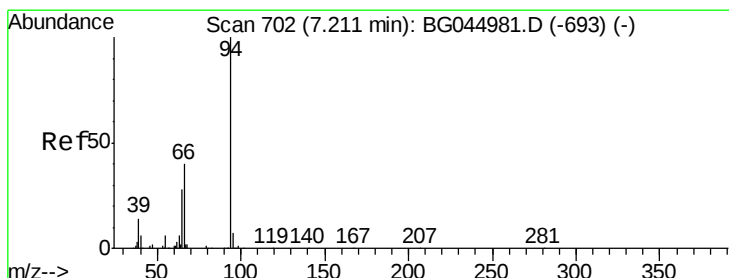
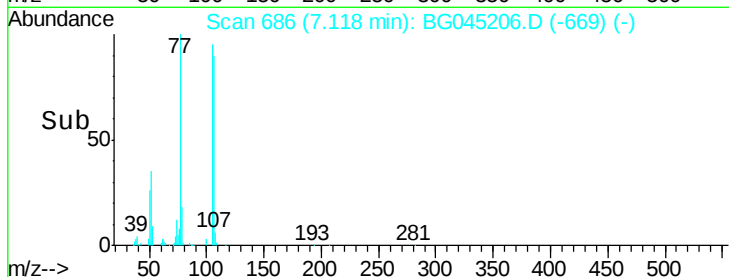
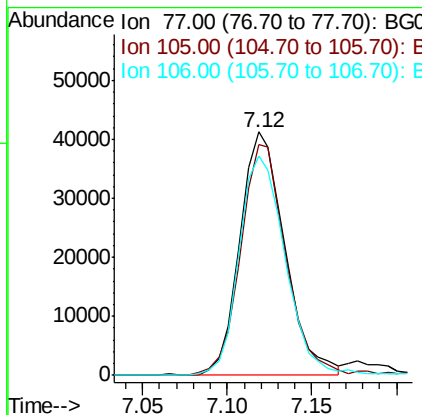
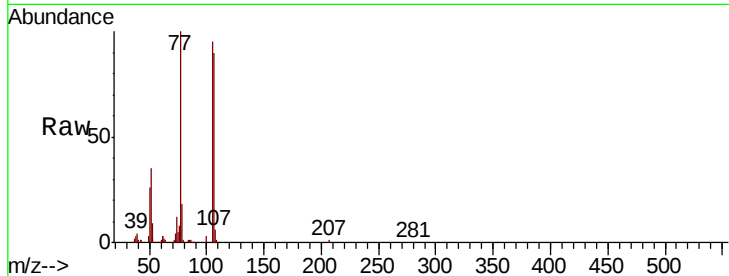
ClientSampleId :

PB128538BSD

Tot Ion:	77	Resp:	76126
Ion	Ratio	Lower	Upper
77	100		
105	94.7	72.9	112.9
106	90.0	67.6	107.6

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#10

Phenol

Concen: 47.912 ng

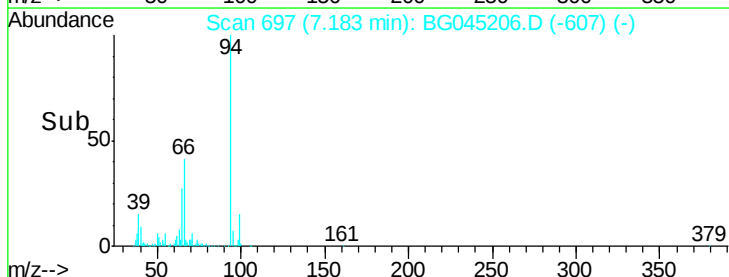
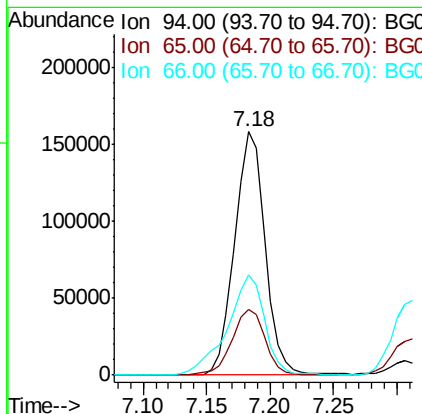
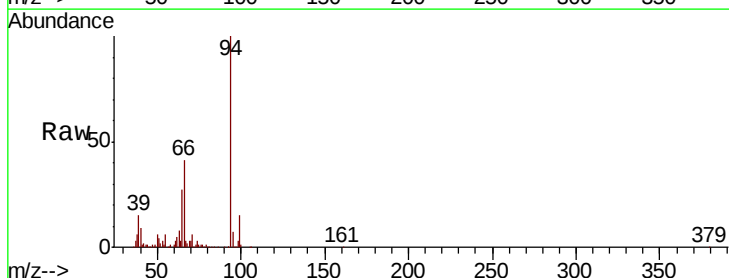
RT: 7.18 min Scan# 697

Delta R.T. -0.00 min

Lab File: BG045206.D

Acq: 29 Apr 2020 15:39

Tgt Ion:	94	Resp:	262976
Ion	Ratio	Lower	Upper
94	100		
65	26.9	8.2	48.2
66	41.0	20.4	60.4





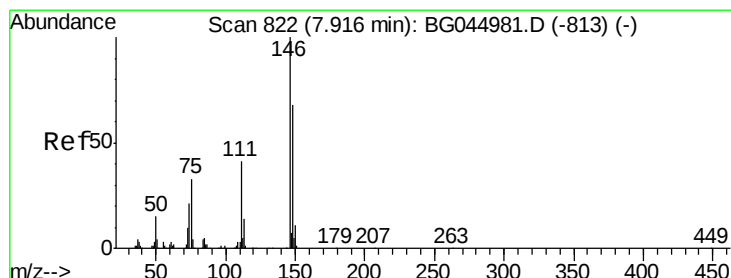
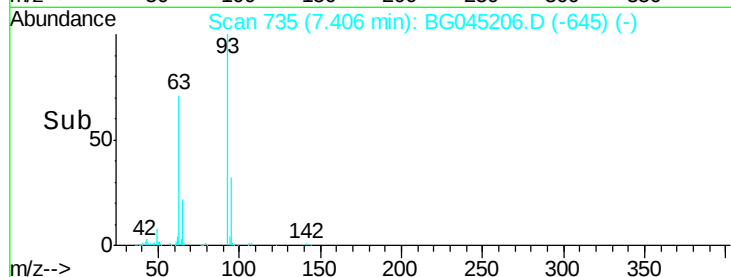
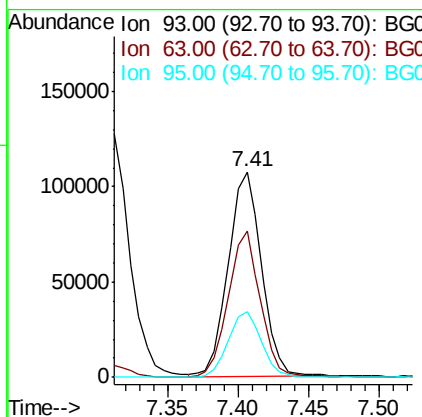
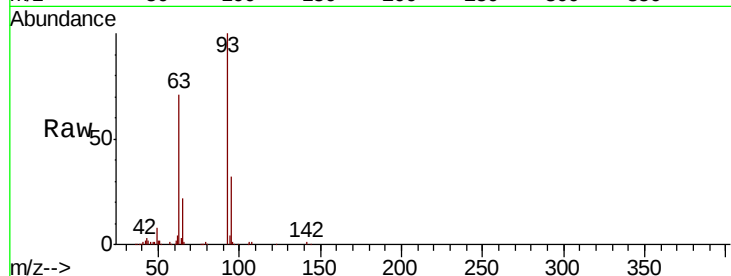
#11
bis(2-Chloroethyl)ether
Concen: 40.459 ng
RT: 7.41 min Scan# 735
Delta R.T. -0.00 min
Lab File: BG045206.D
Acq: 29 Apr 2020 15:39

Instrument :
BNA_G
ClientSampleId :
PB128538BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
93	100		176809		
63	70.8	51.8	91.8		
95	32.0	13.8	53.8		

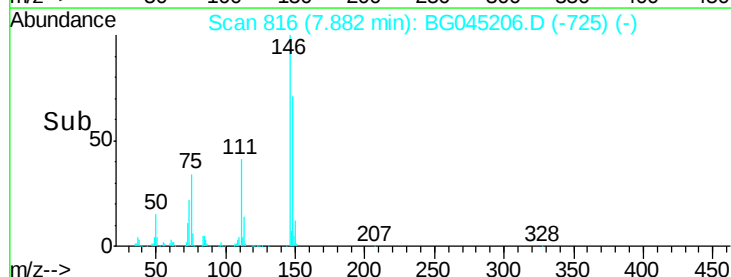
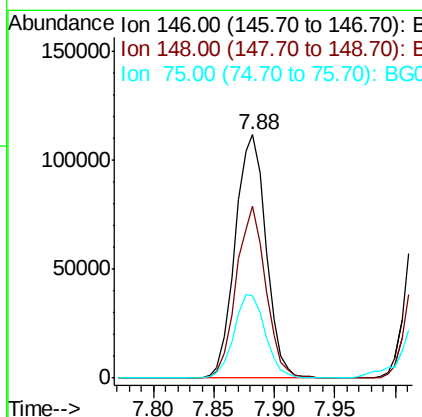
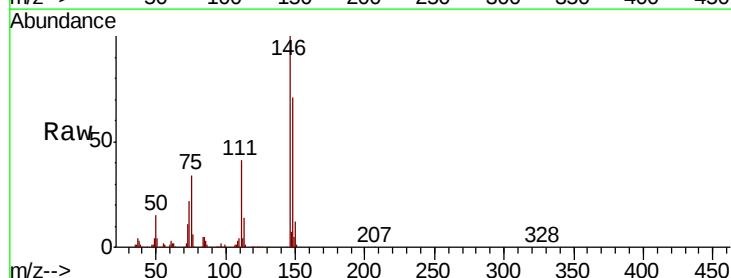
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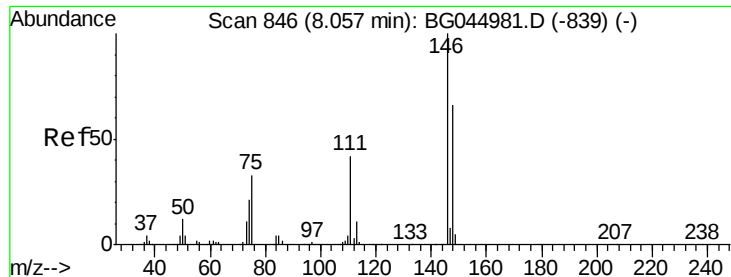
mohammad
4/30/2020 1:37:50 PM



#12
1,3-Dichlorobenzene
Concen: 42.825 ng
RT: 7.88 min Scan# 816
Delta R.T. 0.00 min
Lab File: BG045206.D
Acq: 29 Apr 2020 15:39

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
146	100		200222		
148	70.9	54.6	81.8		
75	33.6	26.0	39.0		





#13

1,4-Dichlorobenzene

Concen: 44.024 ng

RT: 8.02 min Scan# 840

Delta R.T. -0.00 min

Lab File: BG045206.D

Acq: 29 Apr 2020 15:39

Instrument :

BNA_G

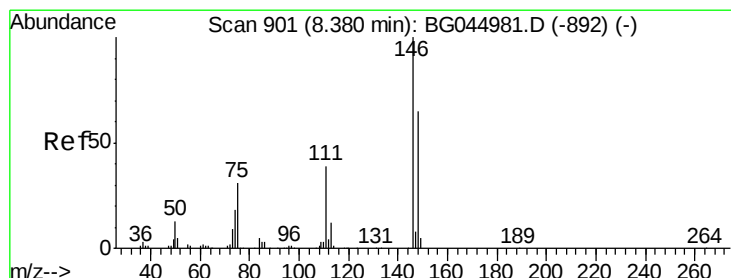
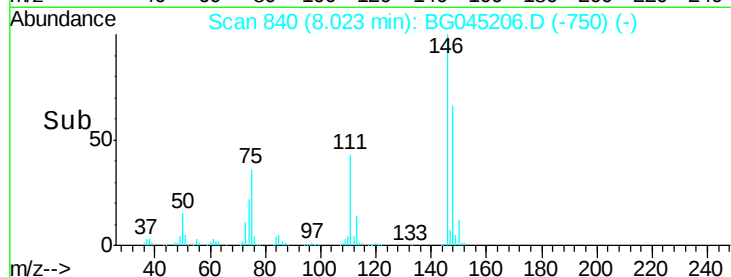
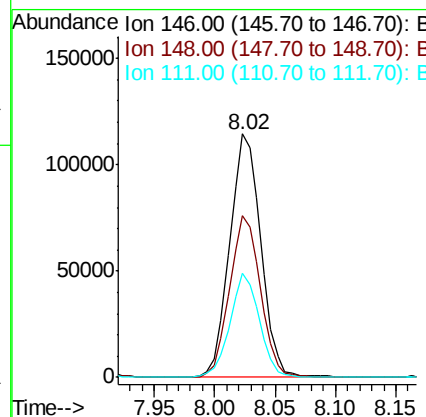
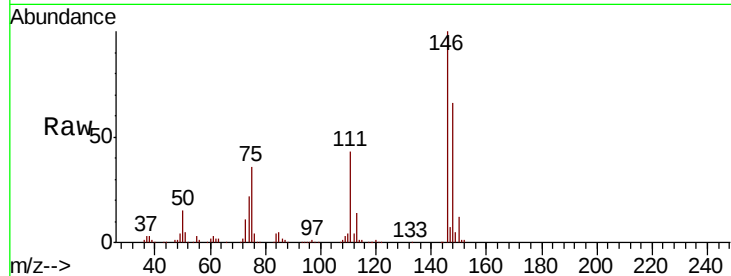
ClientSampleId :

PB128538BSD

Tot Ion:	146	Resp:	205093
Ion Ratio	Lower	Upper	
146	100		
148	66.3	53.3	79.9
111	42.6	33.8	50.8

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#14

1,2-Dichlorobenzene

Concen: 43.366 ng

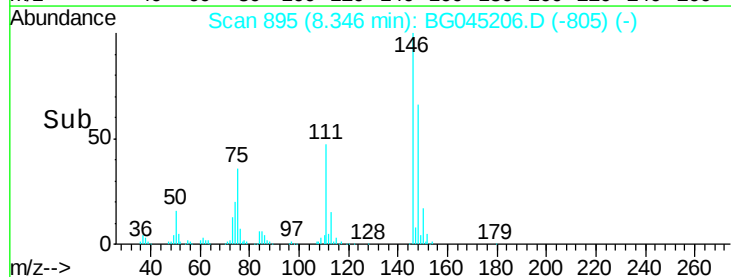
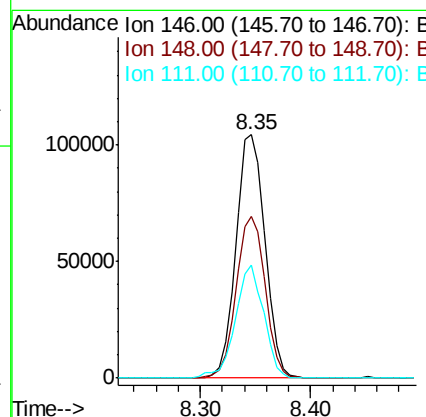
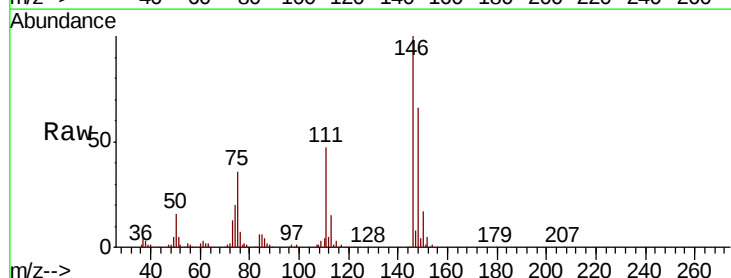
RT: 8.35 min Scan# 895

Delta R.T. -0.00 min

Lab File: BG045206.D

Acq: 29 Apr 2020 15:39

Tgt Ion:	146	Resp:	193279
Ion Ratio	Lower	Upper	
146	100		
148	66.5	51.9	77.9
111	46.6	31.3	46.9





#15

Benzyl Alcohol

Concen: 41.643 ng

RT: 8.22 min Scan# 874

Delta R.T. -0.00 min

Lab File: BG045206.D

Acq: 29 Apr 2020 15:39

Instrument :

BNA_G

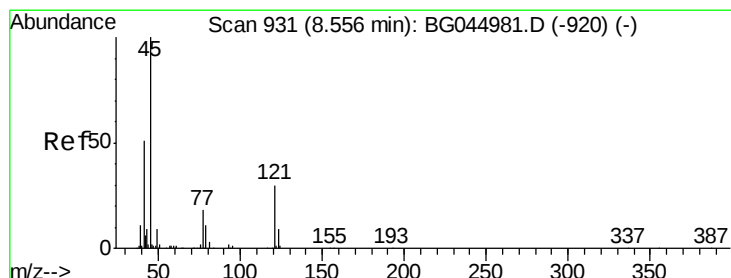
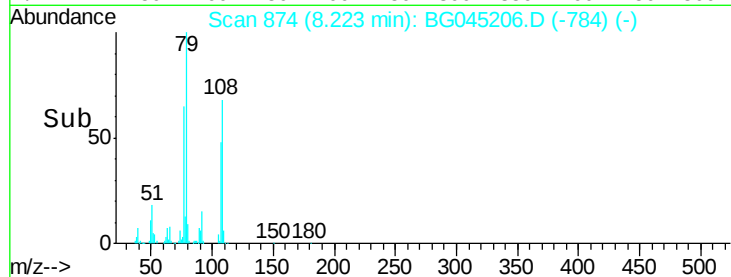
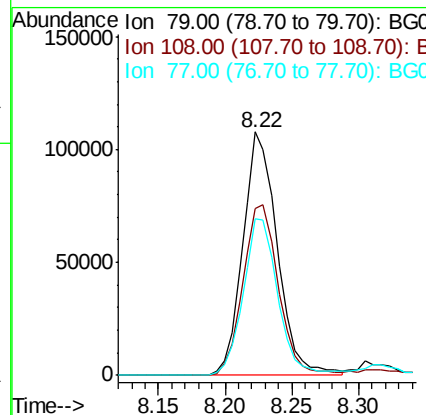
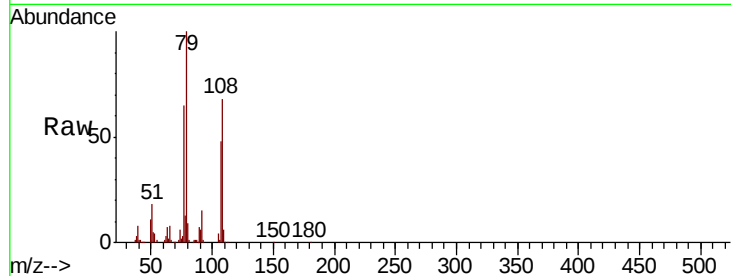
ClientSampleId :

PB128538BSD

Tot Ion:	79	Resp:	191505
Ion Ratio	Lower	Upper	
79	100		
108	68.5	52.7	79.1
77	64.6	51.3	76.9

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.860 ng

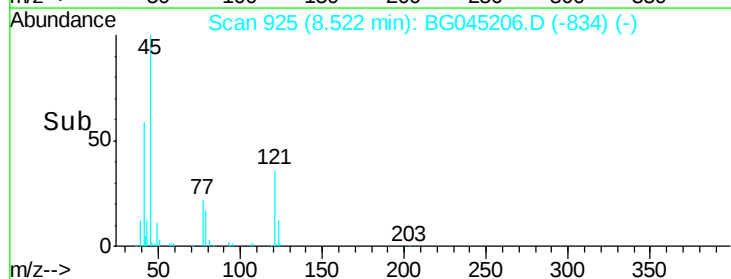
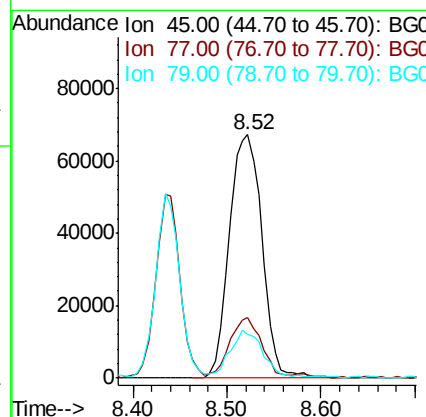
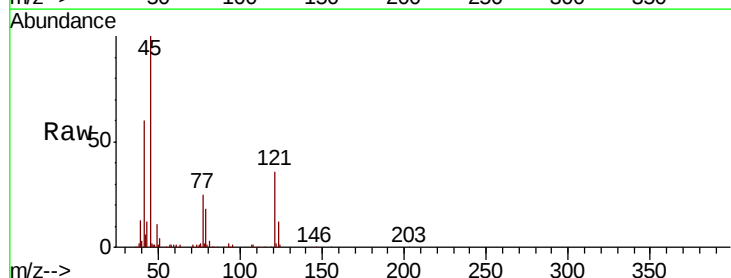
RT: 8.52 min Scan# 925

Delta R.T. 0.00 min

Lab File: BG045206.D

Acq: 29 Apr 2020 15:39

Tgt Ion:	45	Resp:	162410
Ion Ratio	Lower	Upper	
45	100		
77	24.7	1.9	41.9
79	18.0	0.0	35.5





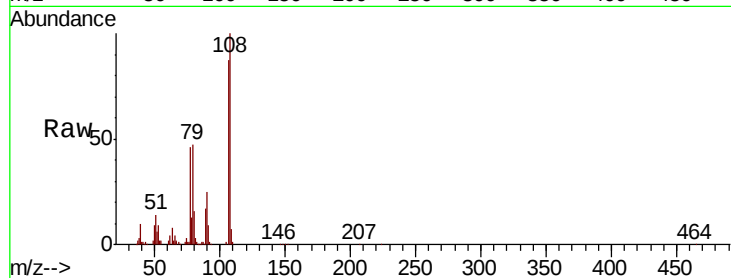
#17
2-Methylphenol
Concen: 41.507 ng
RT: 8.43 min Scan# 910
Delta R.T. -0.00 min
Lab File: BG045206.D
Acq: 29 Apr 2020 15:39

Instrument :
BNA_G
ClientSampleId :
PB128538BSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	115.2	93.8	140.6	
77	53.1	38.5	57.7	
79	53.6	40.1	60.1	

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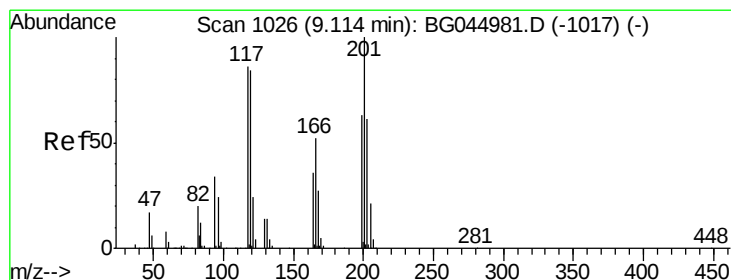
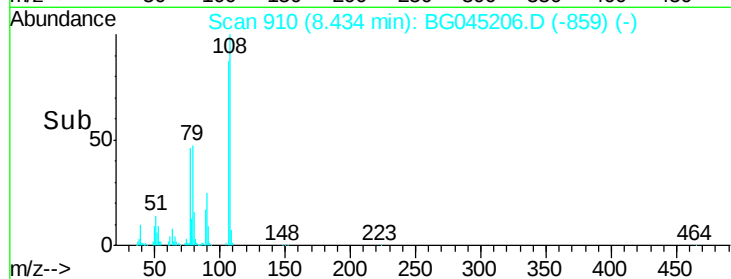
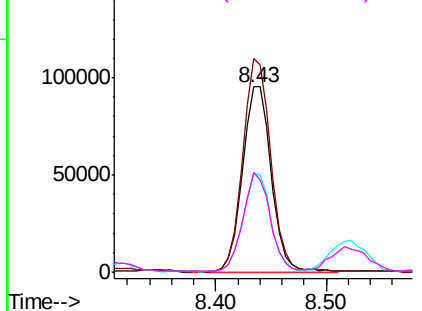
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

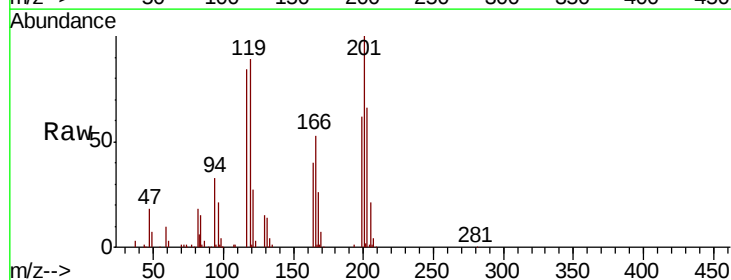
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 43.807 ng
RT: 9.08 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BG045206.D
Acq: 29 Apr 2020 15:39

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	105.8	78.3	117.5	
201	119.3	92.9	139.3	

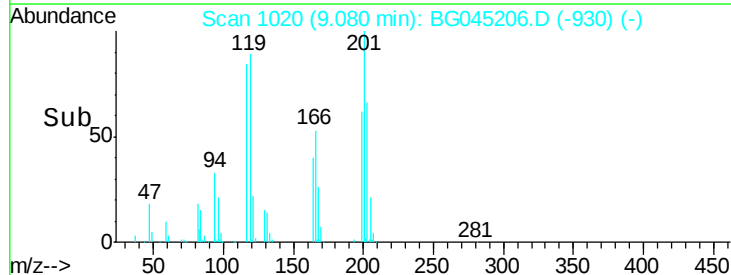
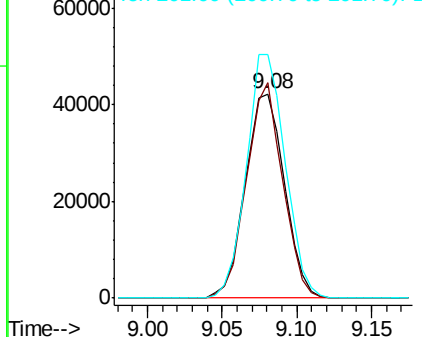


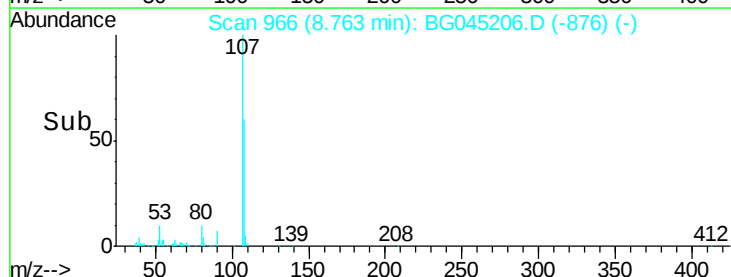
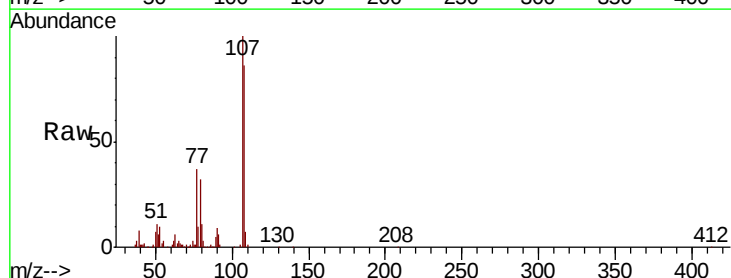
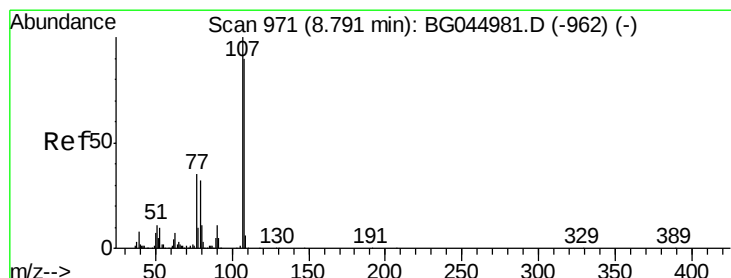
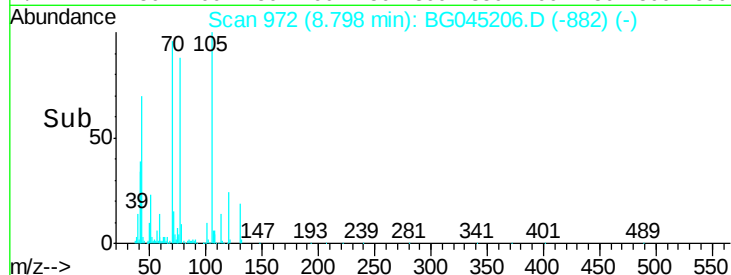
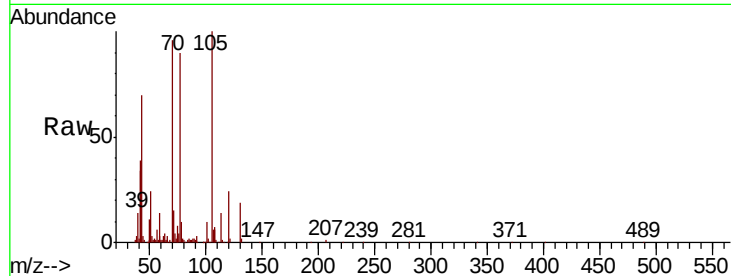
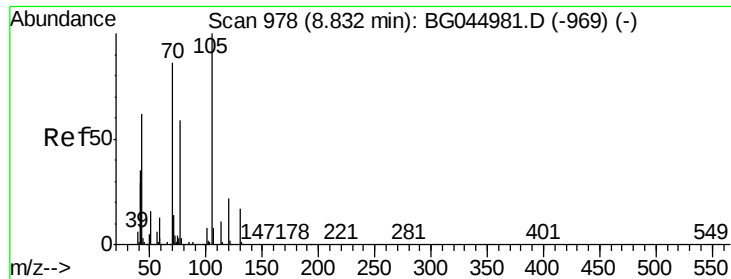
Abundance

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: 40.597 ng

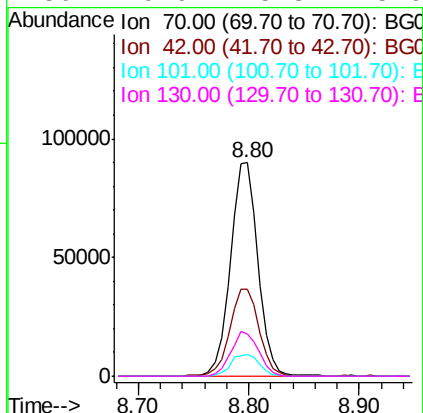
RT: 8.80 min Scan# 972

Delta R.T. -0.00 min

Lab File: BG045206.D

Acq: 29 Apr 2020 15:39

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	40.9	33.3	49.9		
101	10.1	7.8	11.8		
130	19.9	15.8	23.6		



Instrument :

BNA_G

ClientSampleId :

PB128538BSD

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#20

3+4-Methylphenols

Concen: 41.620 ng

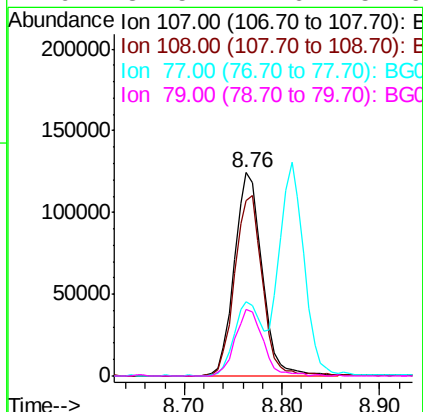
RT: 8.76 min Scan# 966

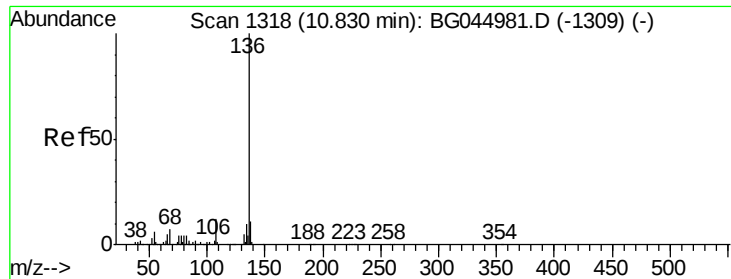
Delta R.T. -0.00 min

Lab File: BG045206.D

Acq: 29 Apr 2020 15:39

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	86.5	69.9	109.9		
77	36.5	15.2	55.2		
79	32.5	11.6	51.6		





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.80 min Scan# 1312

Delta R.T. -0.00 min

Lab File: BG045206.D

Acq: 29 Apr 2020 15:39

Instrument :

BNA_G

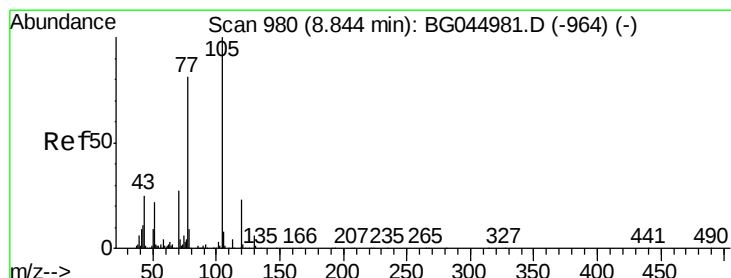
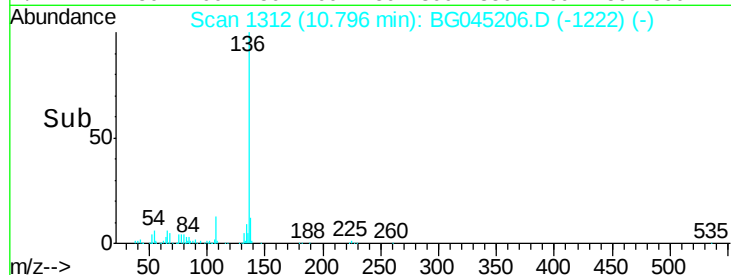
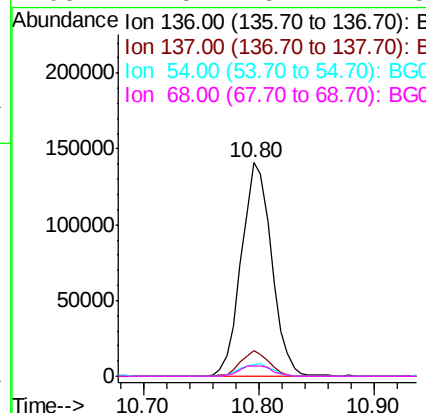
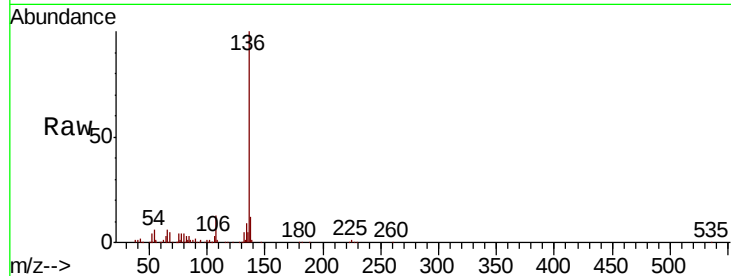
ClientSampleId :

PB128538BSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	256389		
137	11.9	8.6	13.0	
54	5.7	4.8	7.2	
68	4.5	5.2	7.8	

Manual Integrations
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#22

Acetophenone

Concen: 41.550 ng

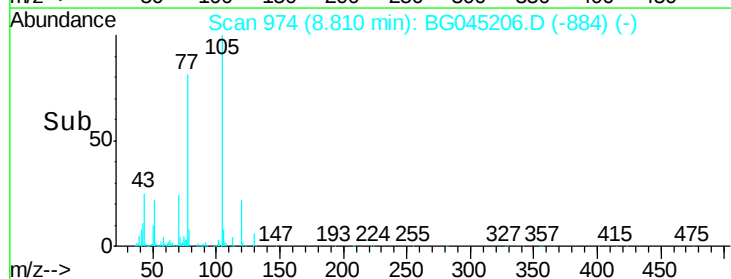
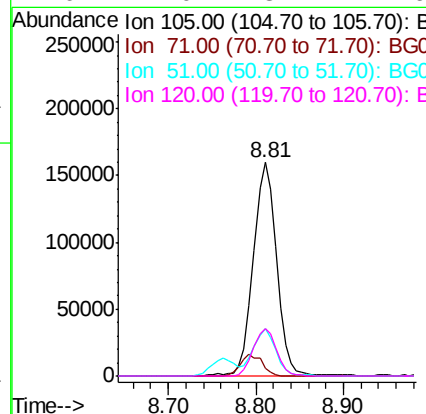
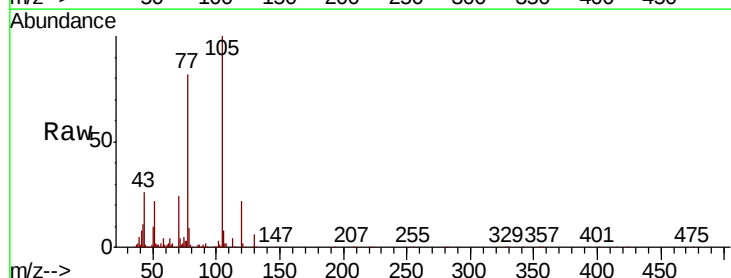
RT: 8.81 min Scan# 974

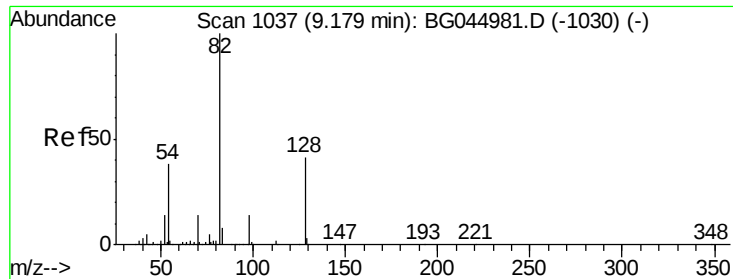
Delta R.T. -0.00 min

Lab File: BG045206.D

Acq: 29 Apr 2020 15:39

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	288081		
71	3.9	3.3	4.9	
51	22.5	17.3	25.9	
120	22.0	18.4	27.6	





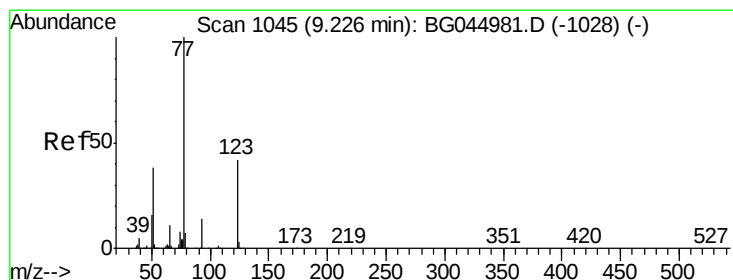
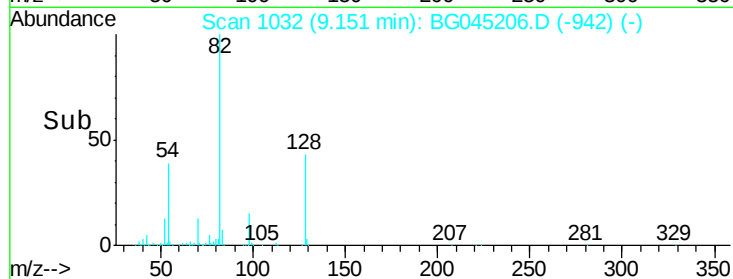
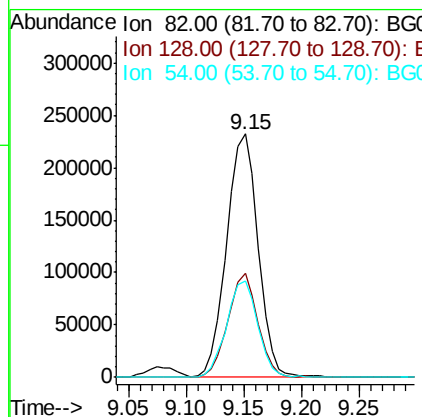
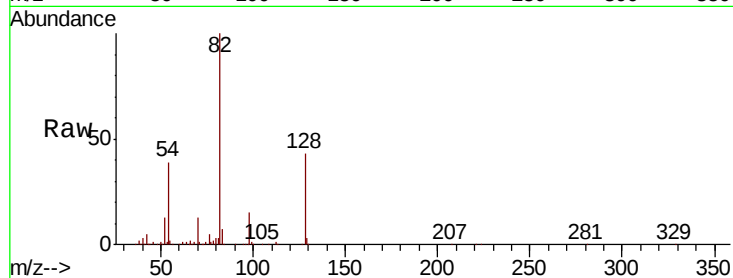
#23
 Nitrobenzene-d5
 Concen: 77.771 ng
 RT: 9.15 min Scan# 1032
 Delta R.T. -0.00 min
 Lab File: BG045206.D
 Acq: 29 Apr 2020 15:39

Instrument :
 BNA_G
 ClientSampleId :
 PB128538BSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	42.5	33.0	49.4	
54	39.5	30.4	45.6	

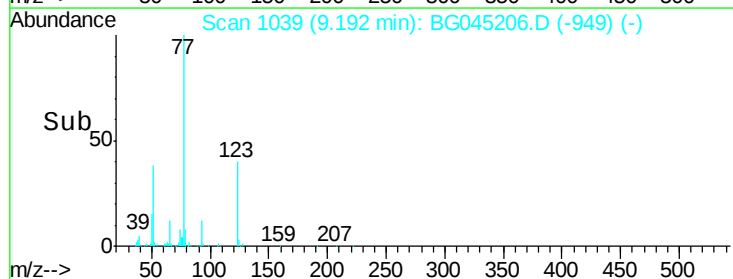
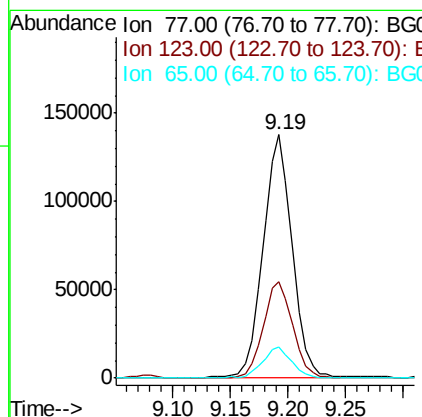
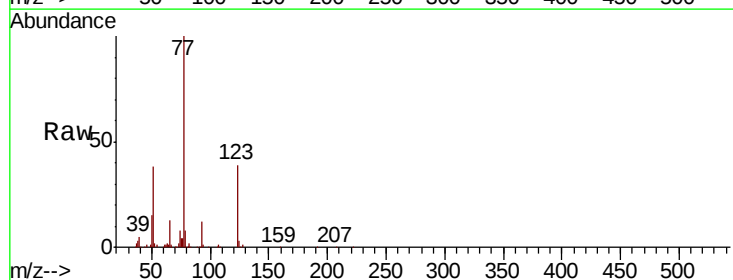
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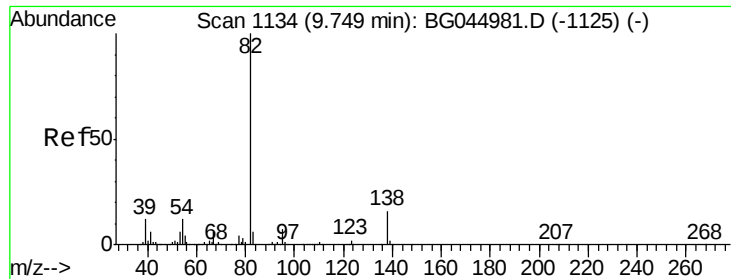
mohammad
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#24
 Nitrobenzene
 Concen: 42.181 ng
 RT: 9.19 min Scan# 1039
 Delta R.T. -0.00 min
 Lab File: BG045206.D
 Acq: 29 Apr 2020 15:39

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	39.5	34.3	51.5	
65	12.6	8.9	13.3	





#25

Isophorone

Concen: 39.870 ng

RT: 9.71 min Scan# 1128

Delta R.T. -0.00 min

Lab File: BG045206.D

Acq: 29 Apr 2020 15:39

Instrument :

BNA_G

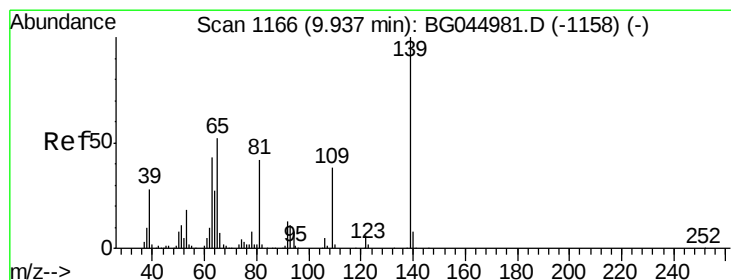
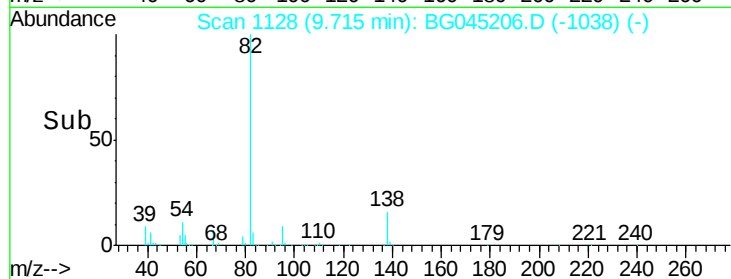
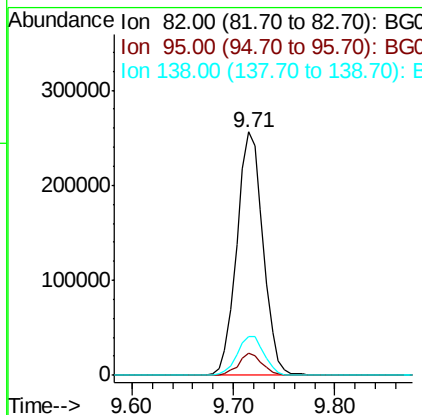
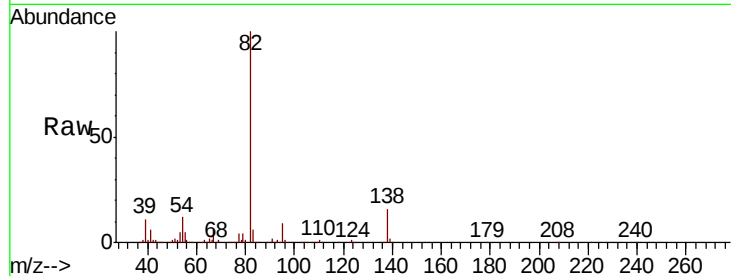
ClientSampleId :

PB128538BSD

Tot Ion:	82	Resp:	458781
Ion Ratio	Lower	Upper	
82	100		
95	8.9	6.0	9.0
138	15.7	12.7	19.1

Manual Integrations
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#26

2-Nitrophenol

Concen: 45.643 ng

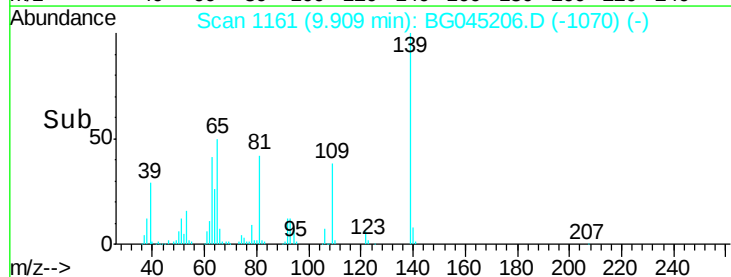
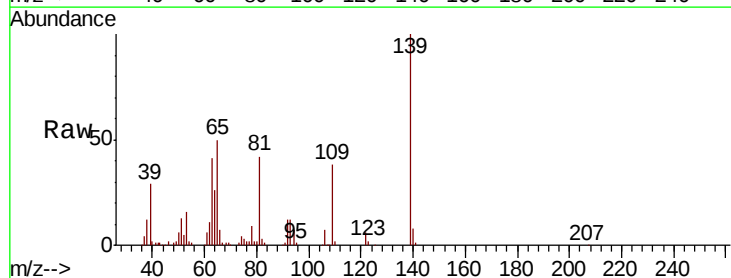
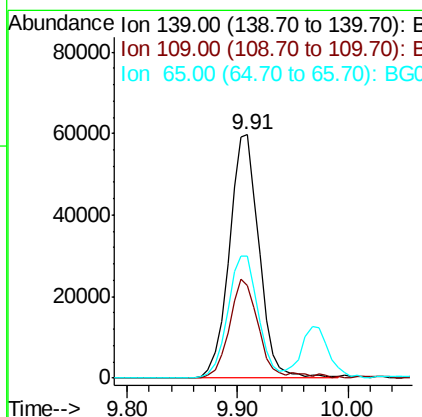
RT: 9.91 min Scan# 1161

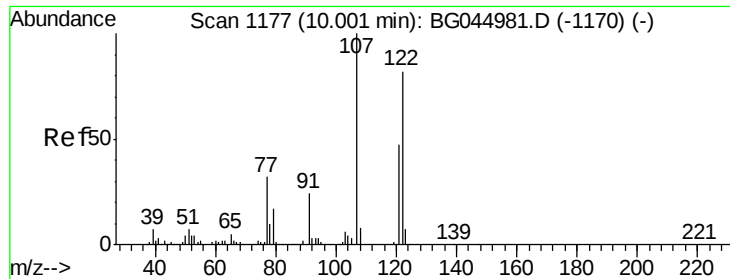
Delta R.T. 0.00 min

Lab File: BG045206.D

Acq: 29 Apr 2020 15:39

Tgt Ion:	139	Resp:	113239
Ion Ratio	Lower	Upper	
139	100		
109	38.1	30.6	45.8
65	50.0	41.8	62.6





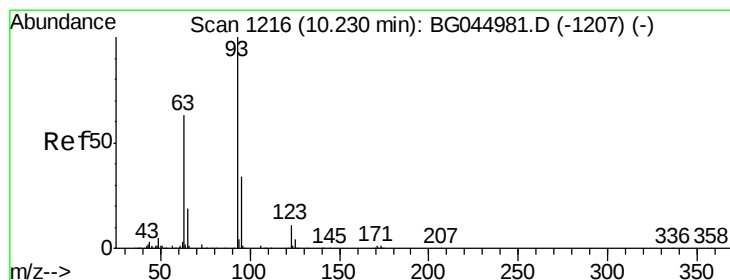
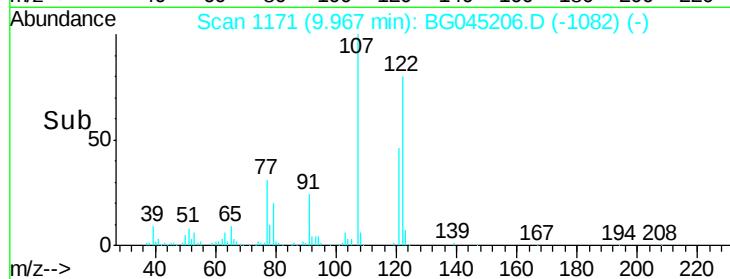
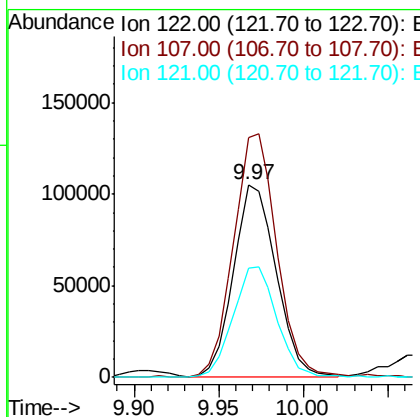
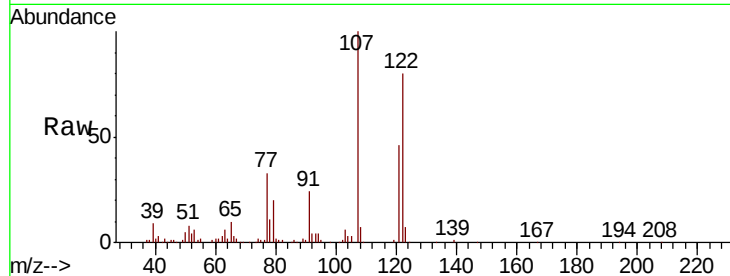
#27
2,4-Dimethylphenol
Concen: 46.469 ng
RT: 9.97 min Scan# 1171
Delta R.T. -0.01 min
Lab File: BG045206.D
Acq: 29 Apr 2020 15:39

Instrument :
BNA_G
ClientSampleId :
PB128538BSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	182930		
107	124.4	96.8	145.2	
121	56.8	45.6	68.4	

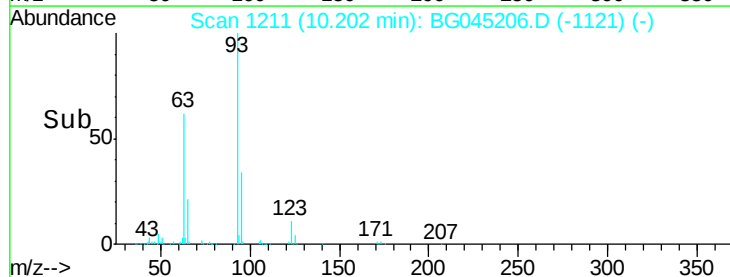
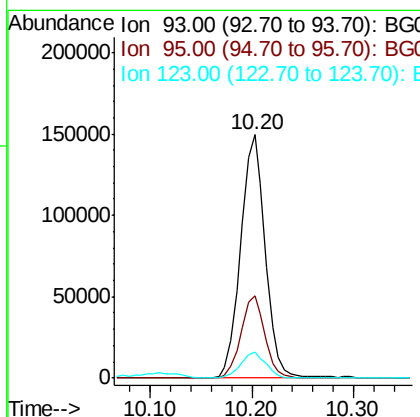
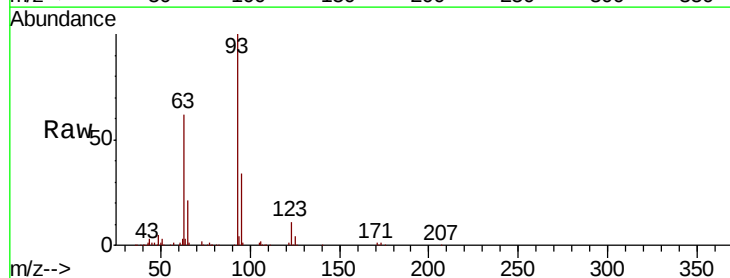
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#28
bis(2-Chloroethoxy)methane
Concen: 41.613 ng
RT: 10.20 min Scan# 1211
Delta R.T. -0.00 min
Lab File: BG045206.D
Acq: 29 Apr 2020 15:39

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	251589		
95	33.7	27.0	40.4	
123	10.5	8.7	13.1	





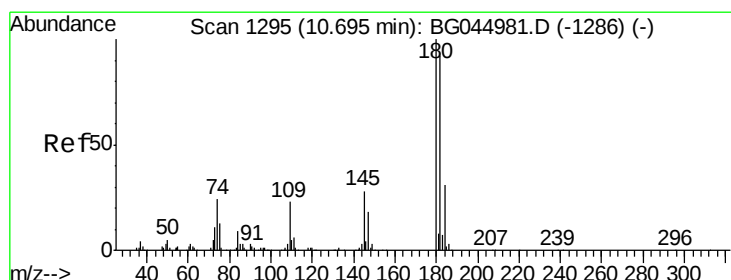
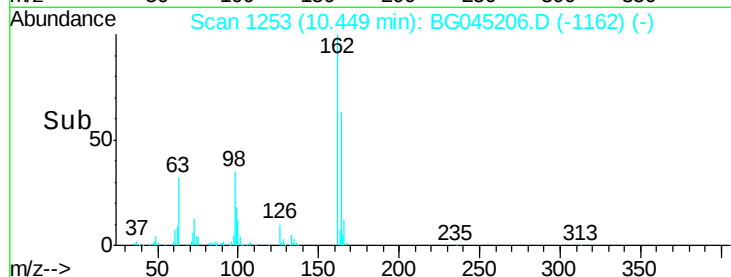
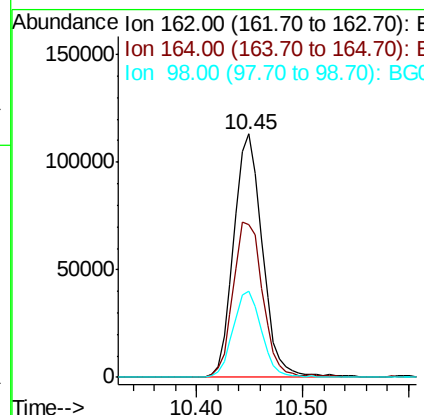
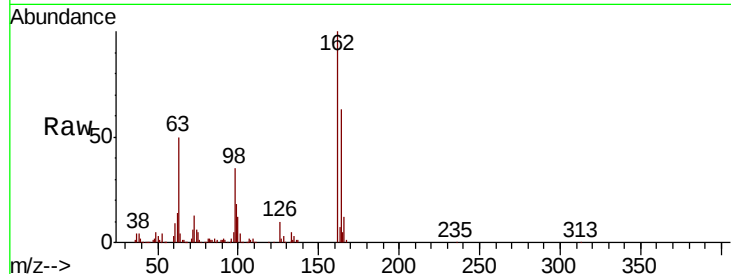
#29
 2,4-Dichlorophenol
 Concen: 46.782 ng
 RT: 10.45 min Scan# 1253
 Delta R.T. 0.00 min
 Lab File: BG045206.D
 Acq: 29 Apr 2020 15:39

Instrument :
 BNA_G
 ClientSampleId :
 PB128538BSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	212651		
164	62.7	45.0	85.0	
98	35.3	15.2	55.2	

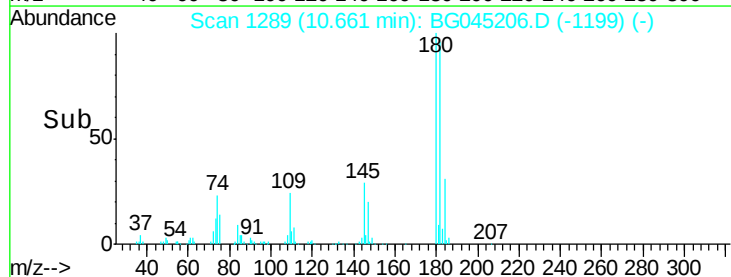
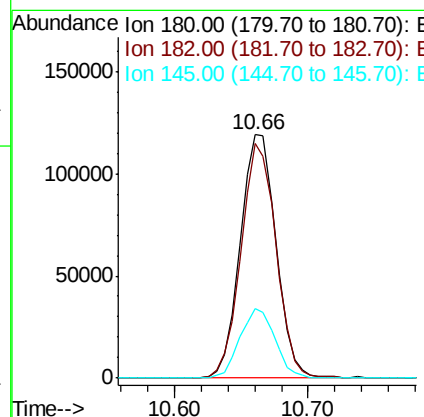
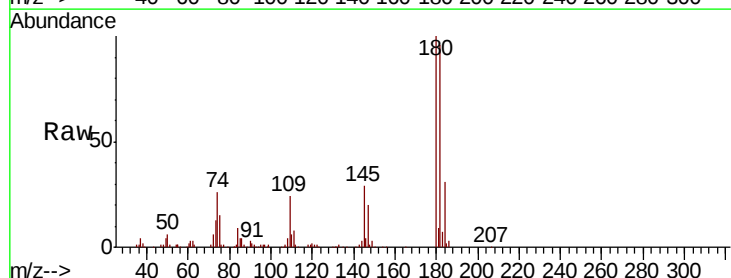
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#30
 1,2,4-Trichlorobenzene
 Concen: 42.876 ng
 RT: 10.66 min Scan# 1289
 Delta R.T. -0.00 min
 Lab File: BG045206.D
 Acq: 29 Apr 2020 15:39

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	220661		
182	96.4	73.3	109.9	
145	28.8	22.6	33.8	





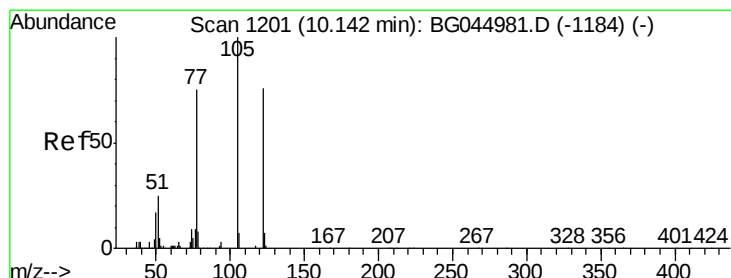
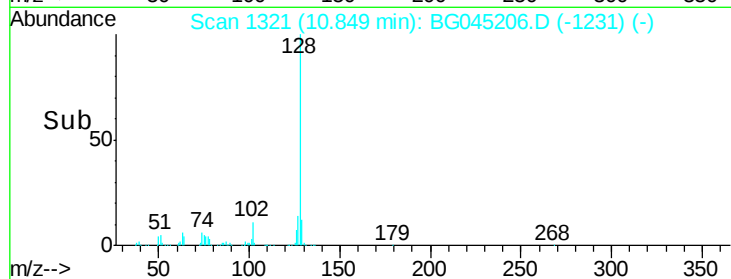
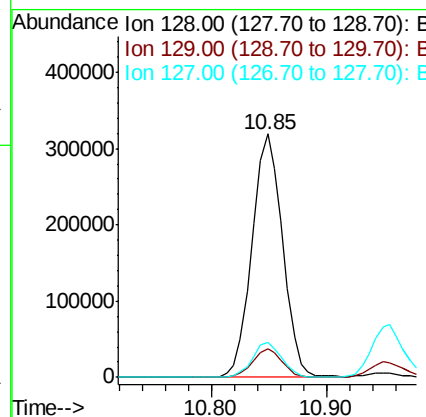
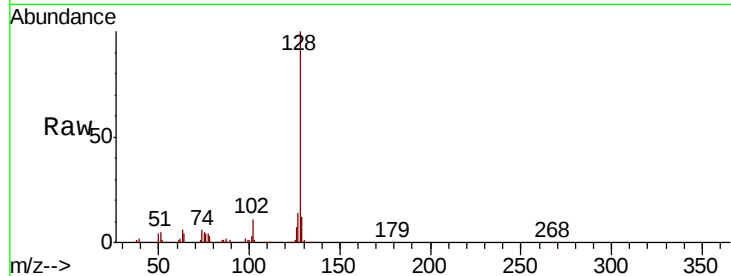
#31
Naphthalene
Concen: 42.074 ng
RT: 10.85 min Scan# 1321
Delta R.T. -0.00 min
Lab File: BG045206.D
Acq: 29 Apr 2020 15:39

Instrument :
BNA_G
ClientSampleId :
PB128538BSD

Tot Ion	Ratio	Resp	Lower	Upper
128	100			
129	11.6	9.4	14.2	
127	14.4	10.8	16.2	

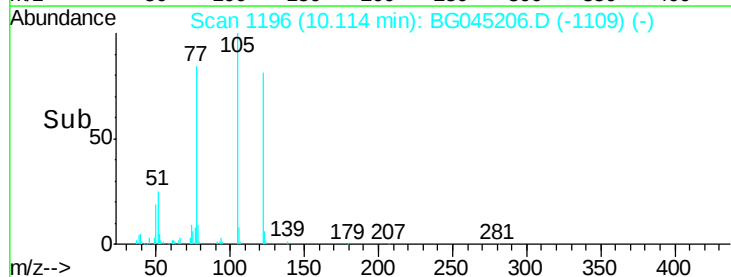
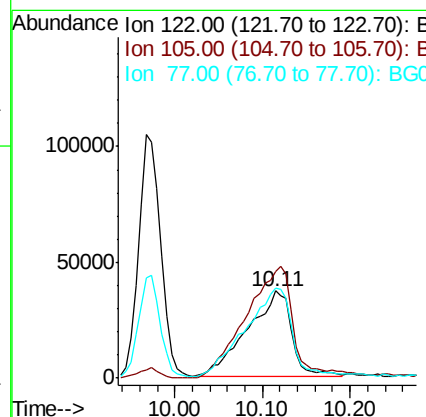
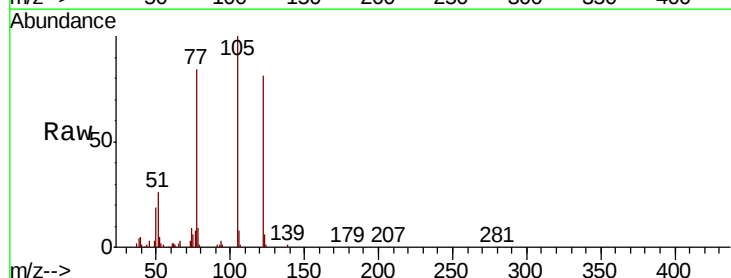
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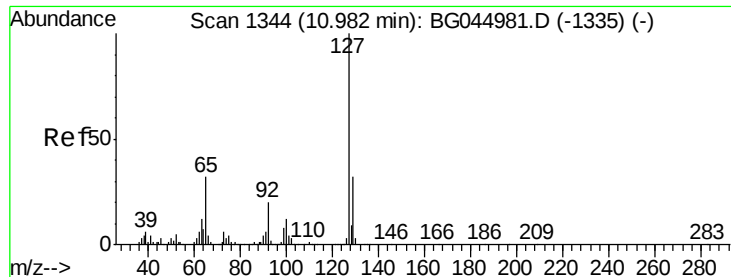
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#32
Benzoic acid
Concen: 40.957 ng
RT: 10.11 min Scan# 1196
Delta R.T. -0.02 min
Lab File: BG045206.D
Acq: 29 Apr 2020 15:39

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	122.8	108.4	148.4	
77	103.6	78.8	118.8	





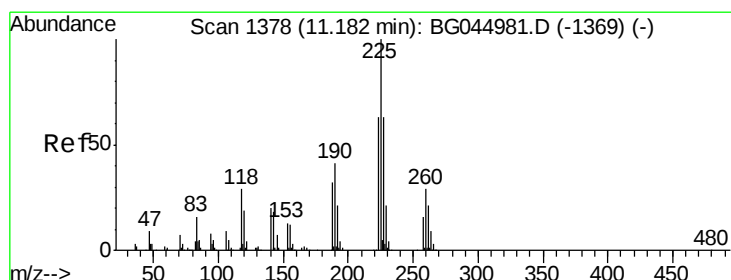
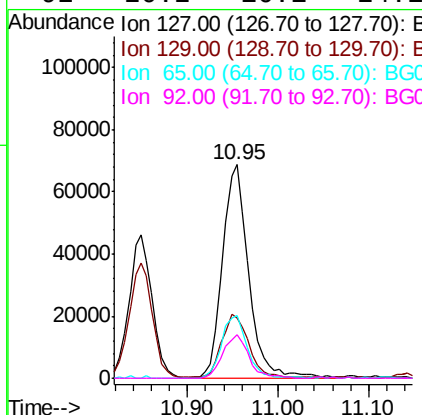
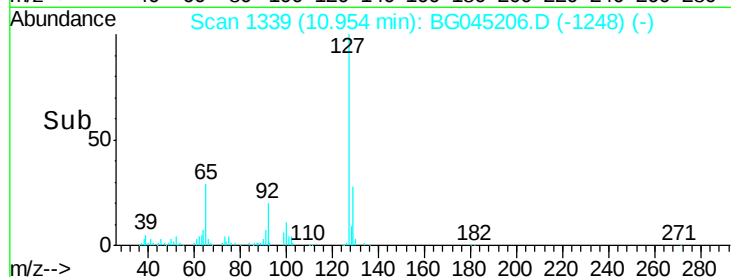
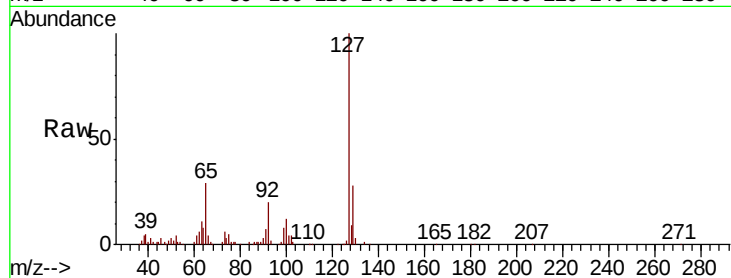
#33
4-Chloroaniline
Concen: 21.129 ng
RT: 10.95 min Scan# 1339
Delta R.T. 0.00 min
Lab File: BG045206.D
Acq: 29 Apr 2020 15:39

Instrument :
BNA_G
ClientSampleId :
PB128538BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	28.4	25.7	38.5		
65	29.2	25.4	38.2		
92	20.2	16.1	24.1		

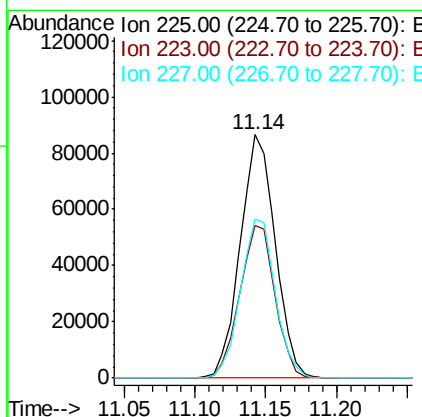
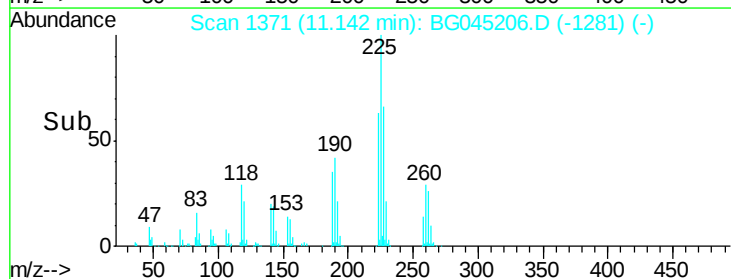
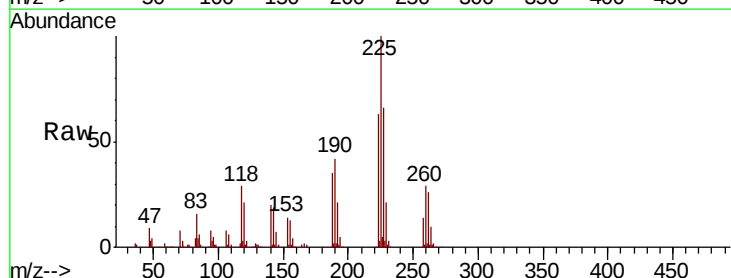
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#34
Hexachlorobutadiene
Concen: 42.543 ng
RT: 11.14 min Scan# 1371
Delta R.T. -0.00 min
Lab File: BG045206.D
Acq: 29 Apr 2020 15:39

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.9	50.7	76.1		
227	65.5	50.2	75.2		





#35

Caprolactam

Concen: 42.397 ng/mL

RT: 11.72 min Scan# 1469

Delta R.T. -0.01 min

Lab File: BG045206.D

Acq: 29 Apr 2020 15:39

Instrument :

BNA_G

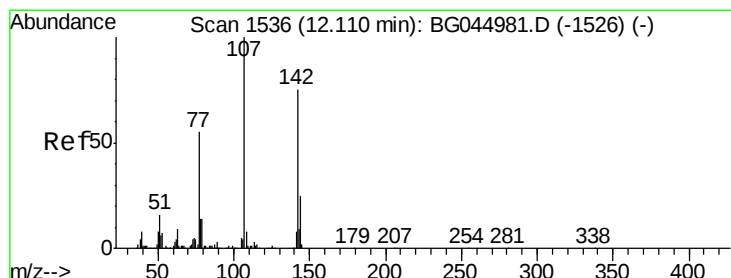
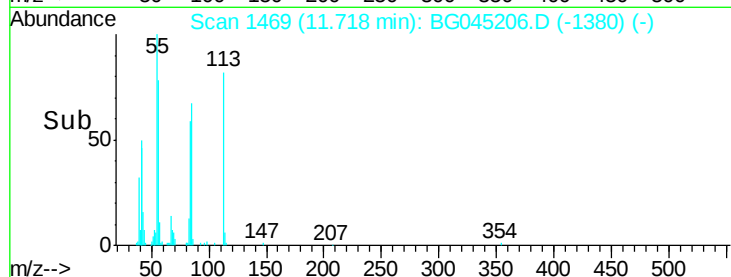
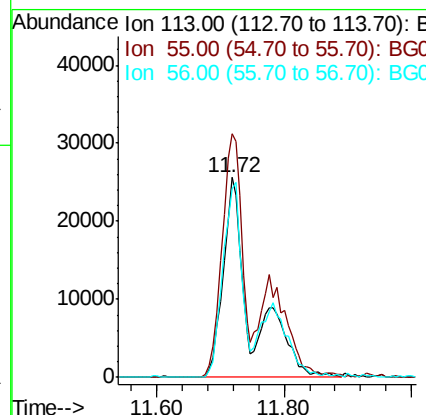
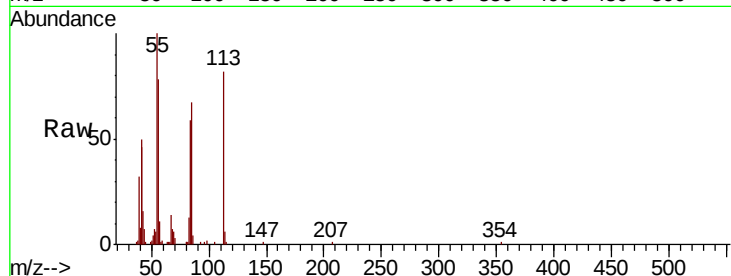
ClientSampleId :

PB128538BSD

Tot Ion:	113	Resp:	76701
Ion Ratio	Lower	Upper	
113	100		
55	121.8	118.8	158.8
56	94.4	82.6	122.6

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#36

4-Chloro-3-methylphenol

Concen: 47.758 ng/mL

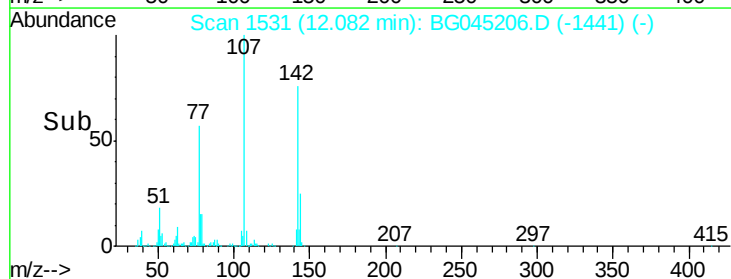
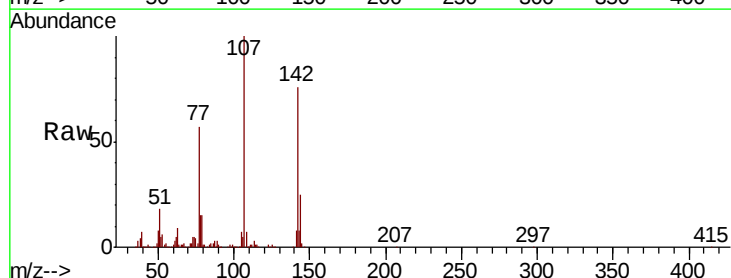
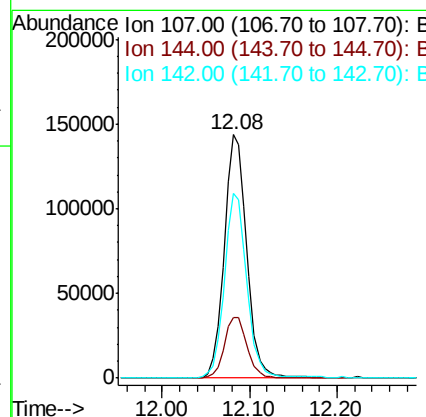
RT: 12.08 min Scan# 1531

Delta R.T. -0.00 min

Lab File: BG045206.D

Acq: 29 Apr 2020 15:39

Tgt Ion:	107	Resp:	255021
Ion Ratio	Lower	Upper	
107	100		
144	25.1	19.8	29.6
142	75.8	59.7	89.5





#37

2-Methylnaphthalene

Concen: 43.153 ng

RT: 12.46 min Scan# 1595

Delta R.T. -0.00 min

Lab File: BG045206.D

Acq: 29 Apr 2020 15:39

Instrument :

BNA_G

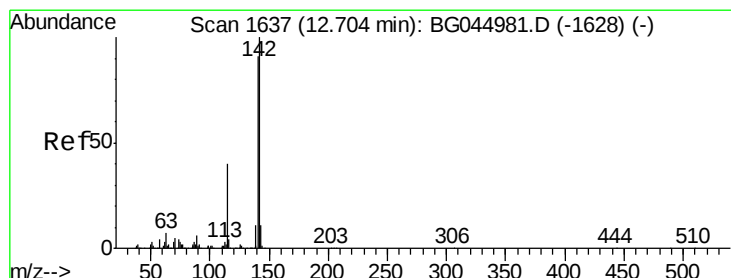
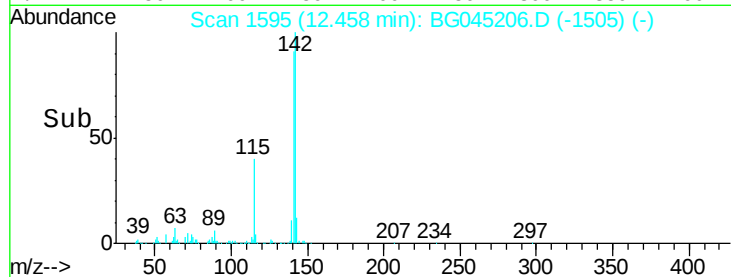
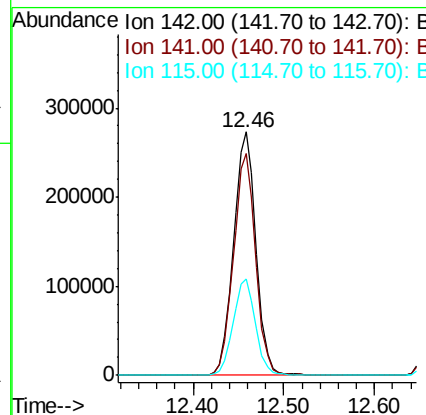
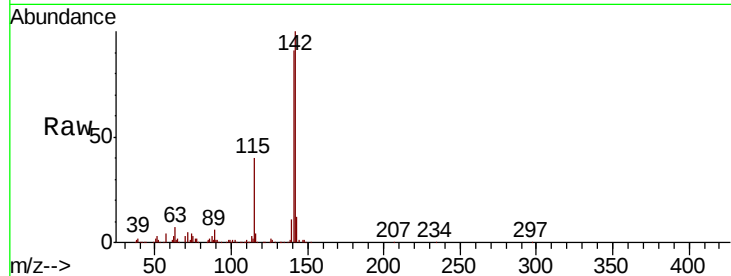
ClientSampleId :

PB128538BSD

Tot Ion:	142	Resp:	469782
Ion Ratio	Lower	Upper	
142	100		
141	91.2	70.3	105.5
115	39.8	29.8	44.6

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#38

1-Methylnaphthalene

Concen: 44.059 ng

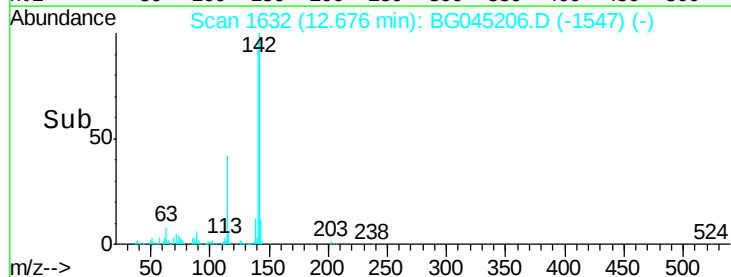
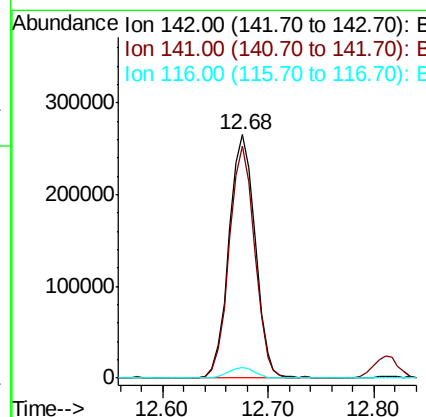
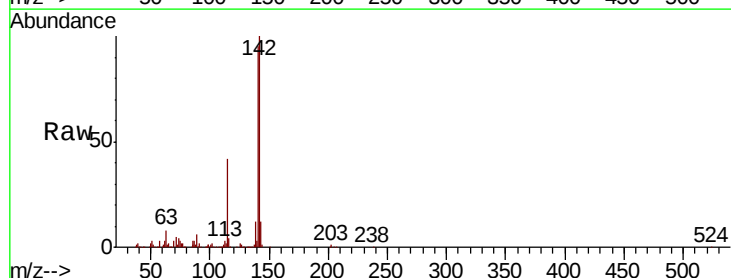
RT: 12.68 min Scan# 1632

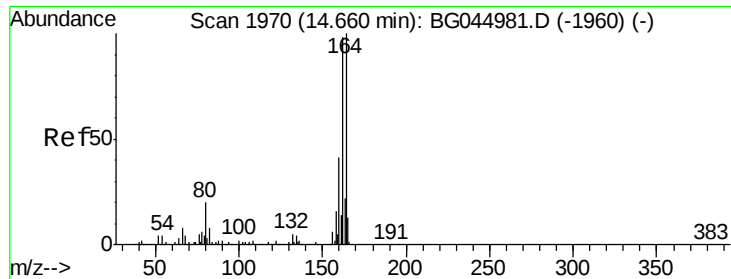
Delta R.T. -0.00 min

Lab File: BG045206.D

Acq: 29 Apr 2020 15:39

Tgt Ion:	142	Resp:	452808
Ion Ratio	Lower	Upper	
142	100		
141	95.2	72.7	109.1
116	4.5	3.1	4.7





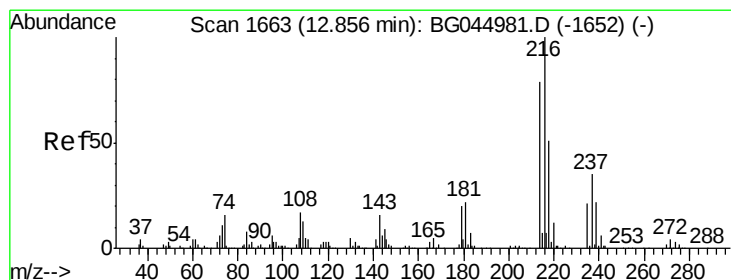
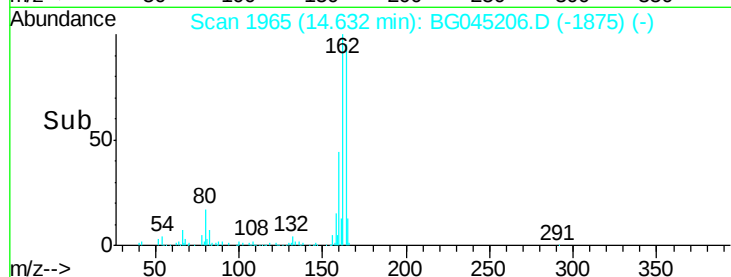
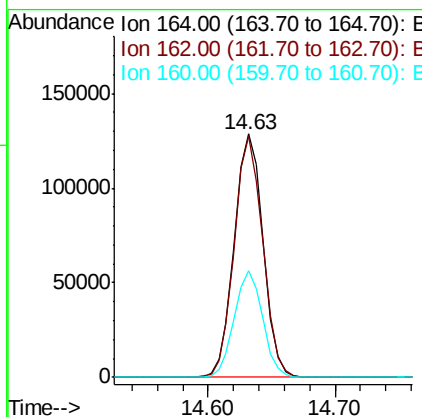
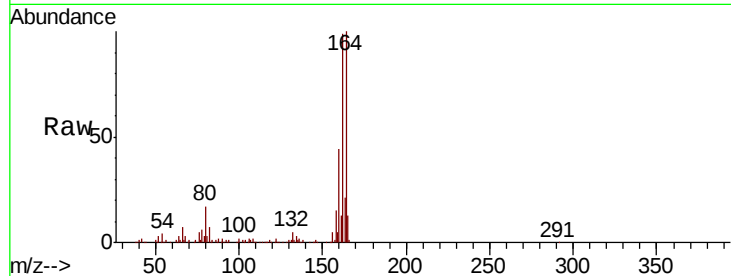
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.63 min Scan# 1965
Delta R.T. -0.00 min
Lab File: BG045206.D
Acq: 29 Apr 2020 15:39

Instrument :
BNA_G
ClientSampleId :
PB128538BSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	99.1	78.7	118.1
160	43.9	32.8	49.2

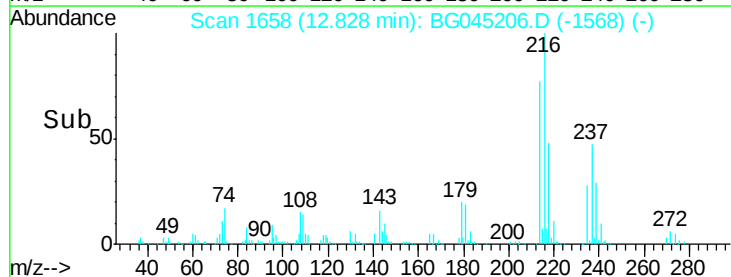
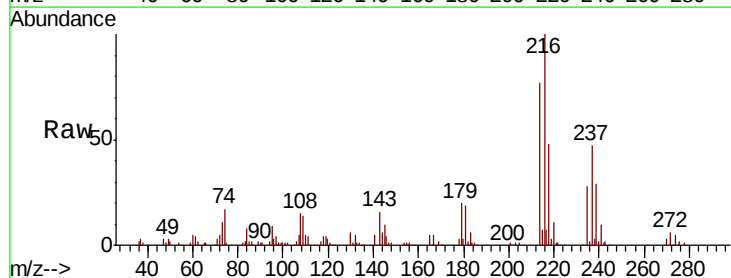
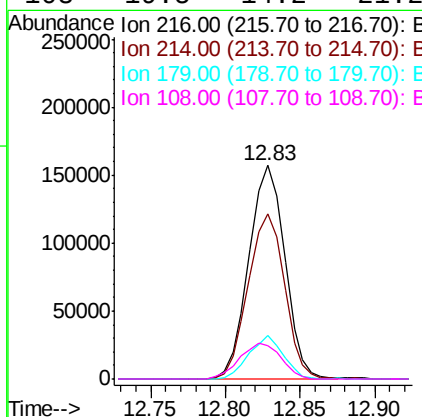
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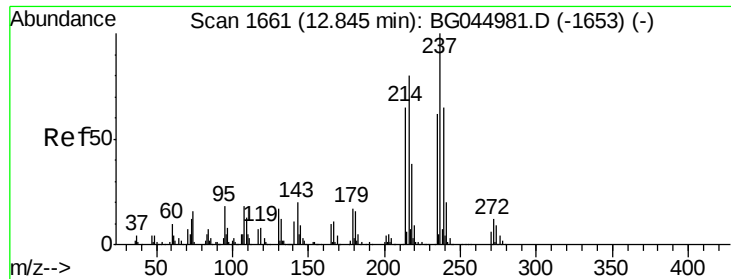
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.408 ng
RT: 12.83 min Scan# 1658
Delta R.T. -0.00 min
Lab File: BG045206.D
Acq: 29 Apr 2020 15:39

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.7	63.0	94.6
179	19.6	15.8	23.8
108	19.5	14.2	21.2





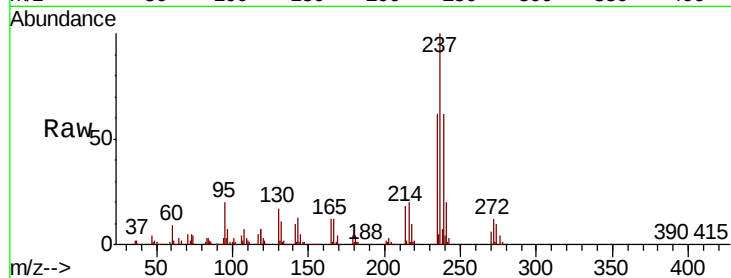
#41
Hexachlorocyclopentadiene
Concen: 90.271 ng
RT: 12.81 min Scan# 1655
Delta R.T. -0.00 min
Lab File: BG045206.D
Acq: 29 Apr 2020 15:39

Instrument :
BNA_G
ClientSampleId :
PB128538BSD

Tot Ion	Ratio	Resp	Lower	Upper
237	100			
235	62.0	41.6	81.6	
272	12.0	0.0	32.1	

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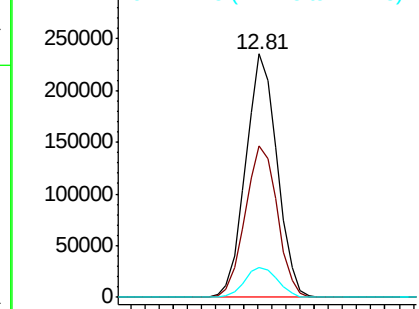


Abundance

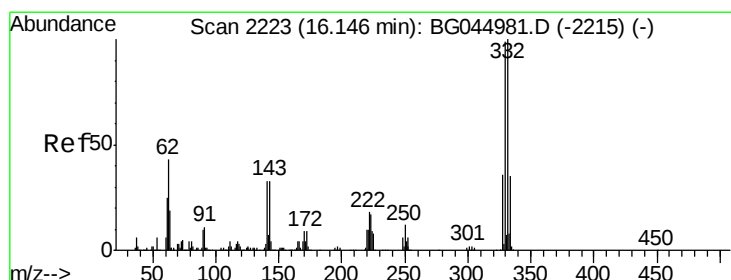
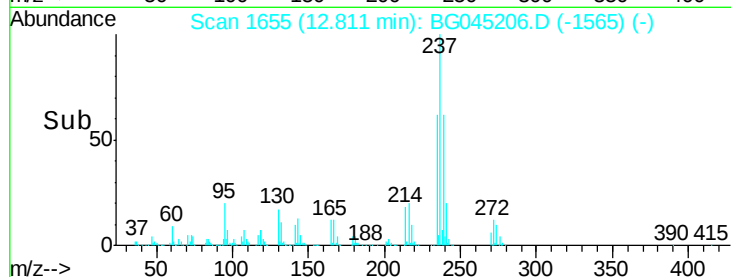
Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

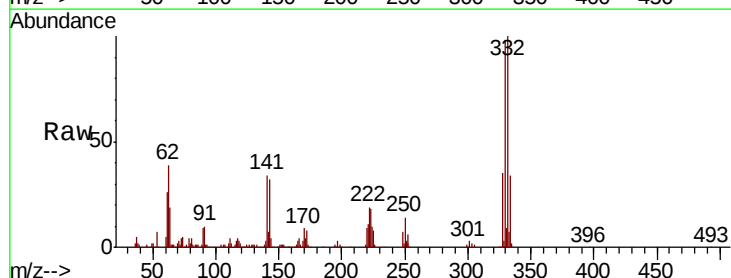


Time-->



#42
2,4,6-Tribromophenol
Concen: 84.830 ng
RT: 16.12 min Scan# 2219
Delta R.T. -0.00 min
Lab File: BG045206.D
Acq: 29 Apr 2020 15:39

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	98.2	79.1	118.7	
141	35.1	27.1	40.7	

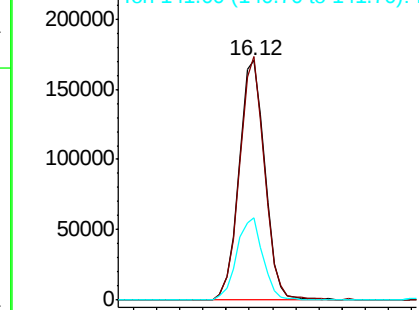


Abundance

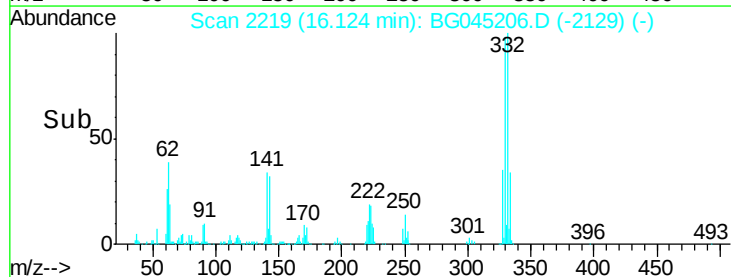
Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



Time-->





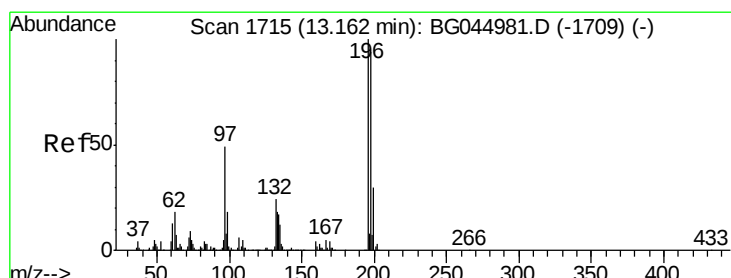
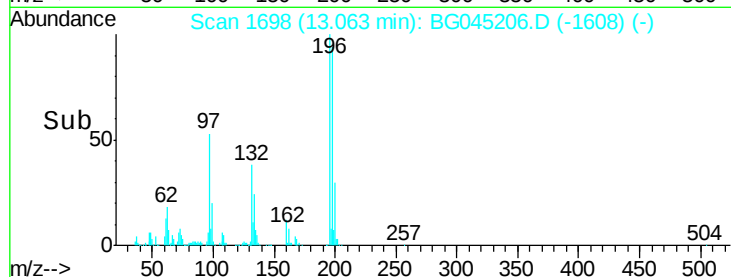
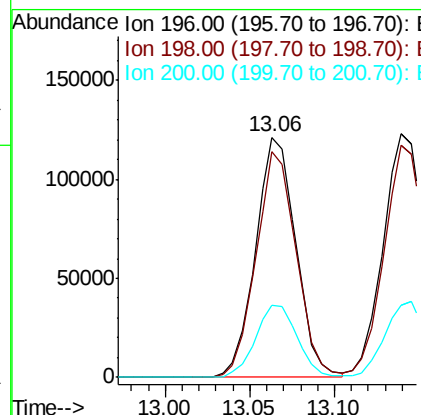
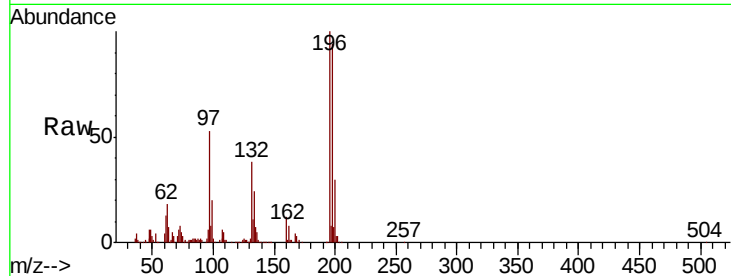
#43
 2,4,6-Trichlorophenol
 Concen: 43.966 ng
 RT: 13.06 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: BG045206.D
 Acq: 29 Apr 2020 15:39

Instrument :
 BNA_G
 ClientSampleId :
 PB128538BSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	201232		
198	94.1	72.5	108.7	
200	30.2	24.5	36.7	

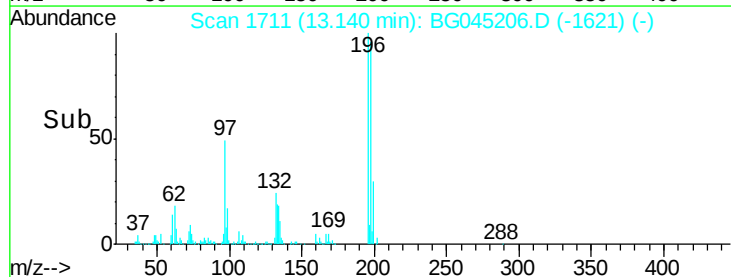
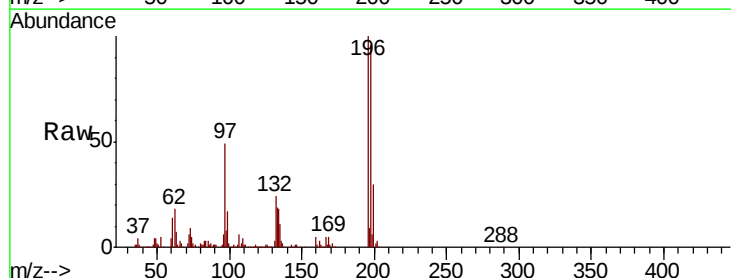
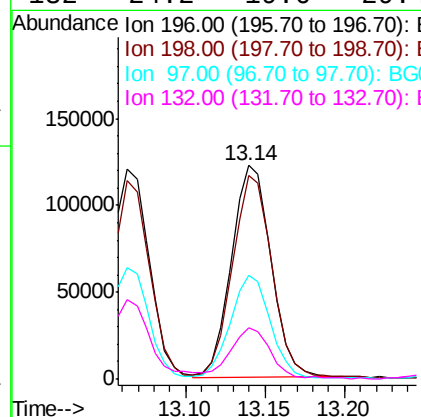
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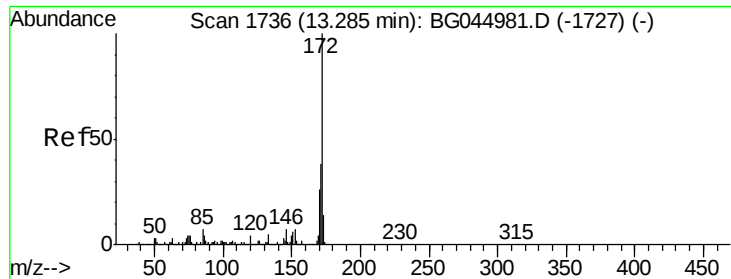
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 40.741 ng
 RT: 13.14 min Scan# 1711
 Delta R.T. -0.00 min
 Lab File: BG045206.D
 Acq: 29 Apr 2020 15:39

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	212251		
198	95.5	75.7	113.5	
97	48.8	39.6	59.4	
132	24.2	19.6	29.4	





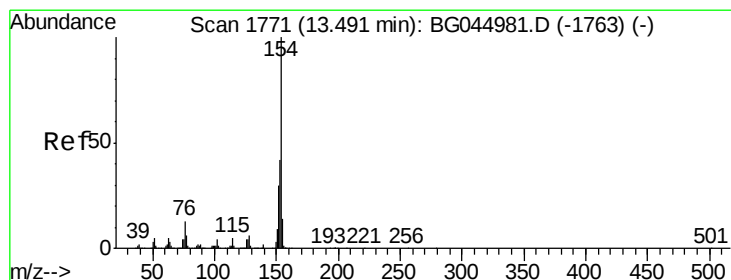
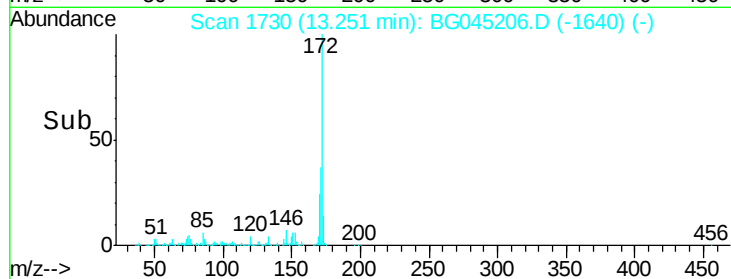
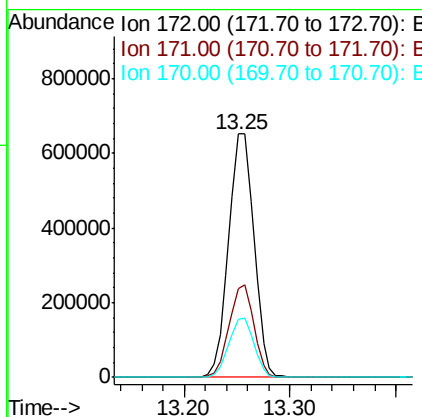
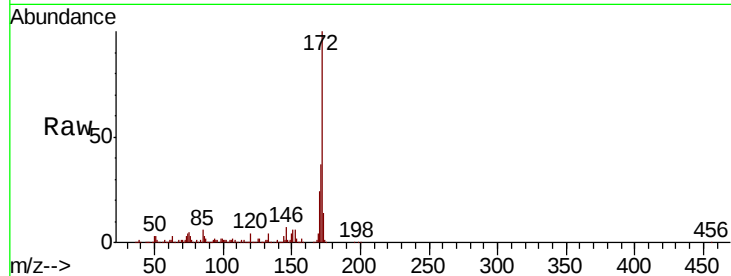
#45
2-Fluorobiphenyl
Concen: 79.152 ng
RT: 13.25 min Scan# 1730
Delta R.T. -0.00 min
Lab File: BG045206.D
Acq: 29 Apr 2020 15:39

Instrument :
BNA_G
ClientSampleId :
PB128538BSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.6	30.6	46.0
170	24.0	20.5	30.7

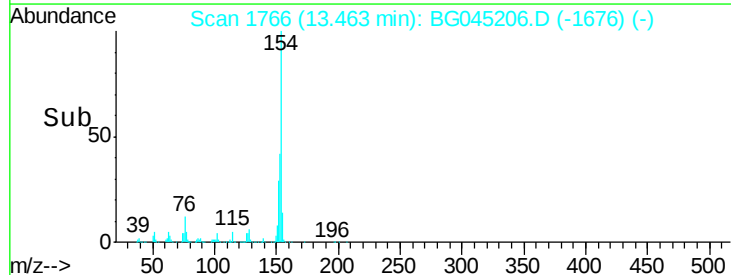
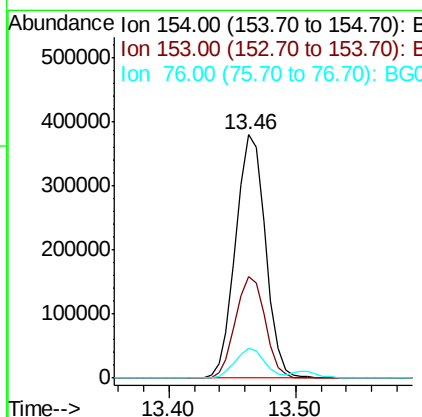
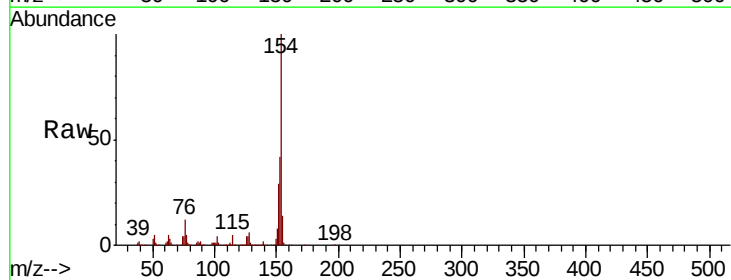
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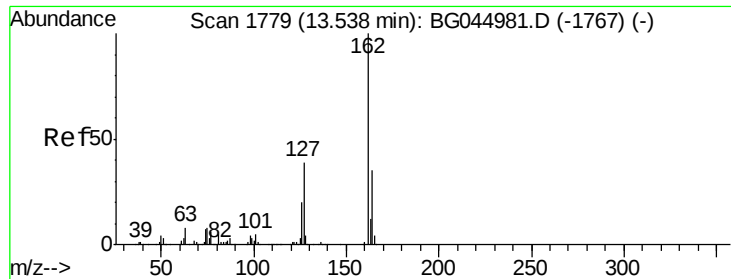
mohammad
4/30/2020 1:37:50 PM



#46
1,1'-Biphenyl
Concen: 40.368 ng
RT: 13.46 min Scan# 1766
Delta R.T. -0.00 min
Lab File: BG045206.D
Acq: 29 Apr 2020 15:39

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.8	21.9	61.9
76	12.5	0.0	33.1





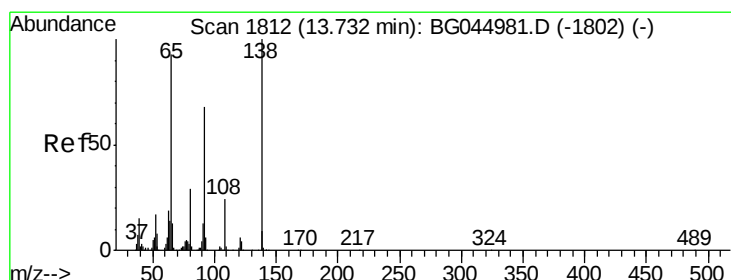
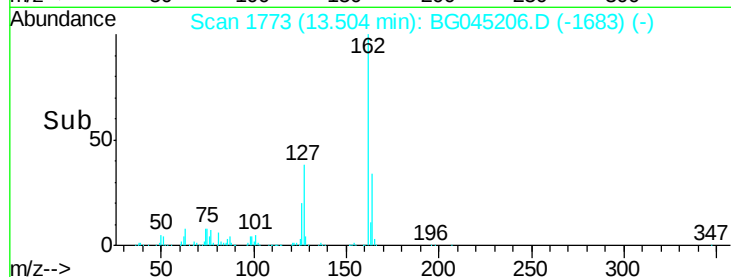
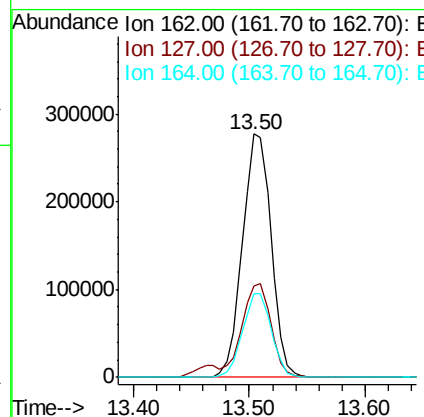
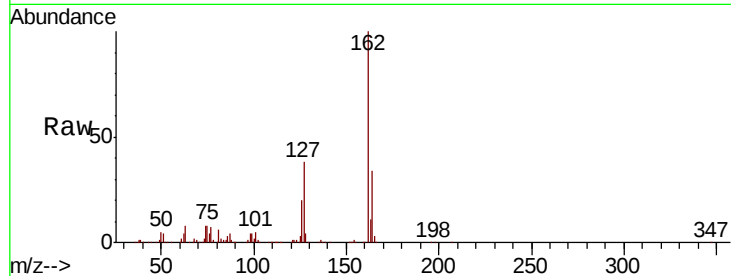
#47
 2-Chloronaphthalene
 Concen: 40.908 ng
 RT: 13.50 min Scan# 1773
 Delta R.T. -0.00 min
 Lab File: BG045206.D
 Acq: 29 Apr 2020 15:39

Instrument :
 BNA_G
 ClientSampleId :
 PB128538BSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	478526		
127	37.6		31.3	46.9
164	34.5		27.8	41.8

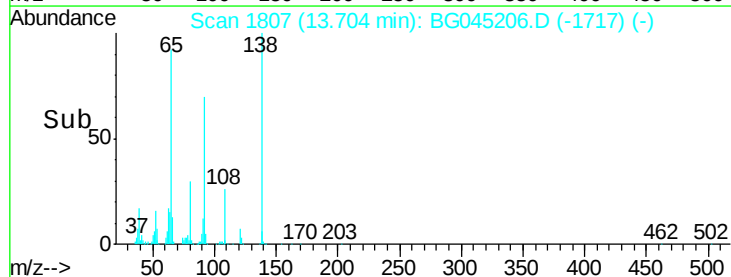
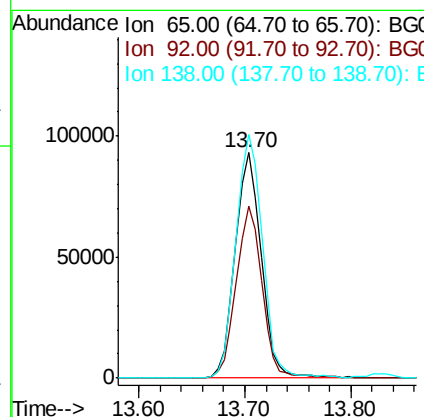
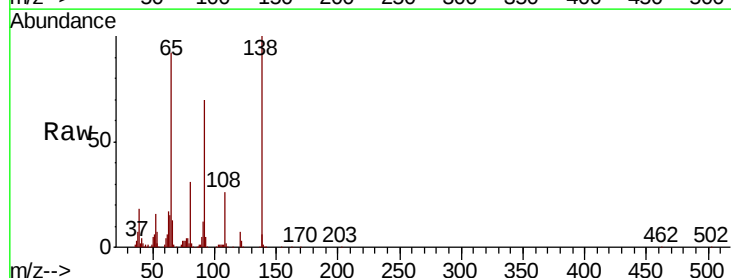
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#48
 2-Nitroaniline
 Concen: 41.509 ng
 RT: 13.70 min Scan# 1807
 Delta R.T. -0.00 min
 Lab File: BG045206.D
 Acq: 29 Apr 2020 15:39

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	159759		
92	76.2		58.3	87.5
138	108.1		85.6	128.4





#49

Acenaphthylene

Concen: 42.269 ng

RT: 14.36 min Scan# 1918

Delta R.T. -0.00 min

Lab File: BG045206.D

Acq: 29 Apr 2020 15:39

Instrument :

BNA_G

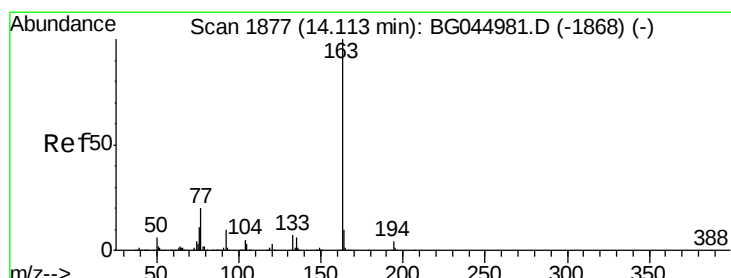
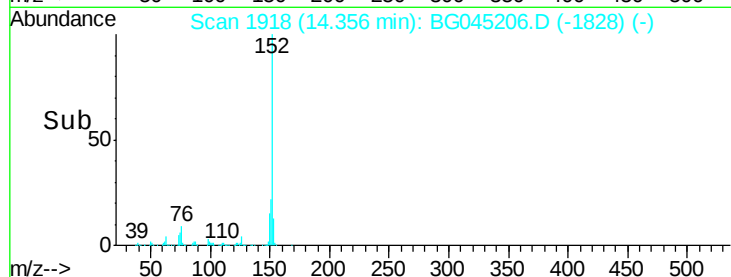
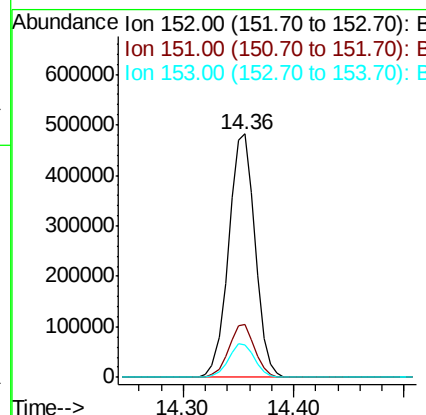
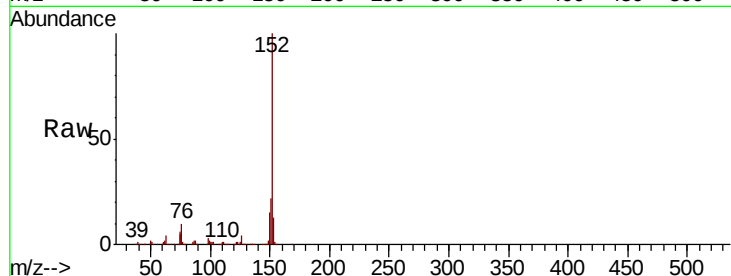
ClientSampleId :

PB128538BSD

Tot Ion:	152	Resp:	805387
Ion Ratio	Lower	Upper	
152	100		
151	21.6	17.2	25.8
153	13.2	11.0	16.4

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#50

Dimethylphthalate

Concen: 41.594 ng

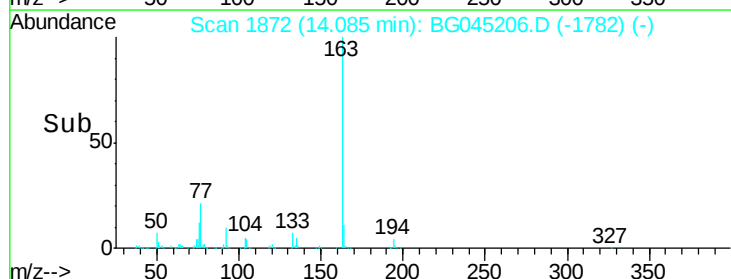
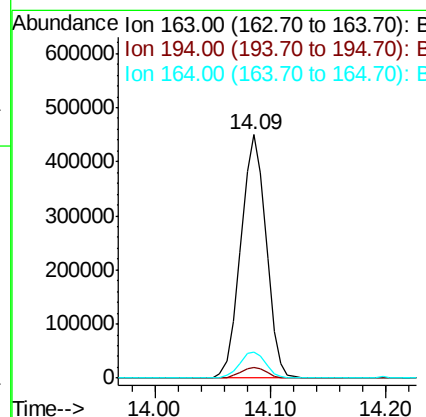
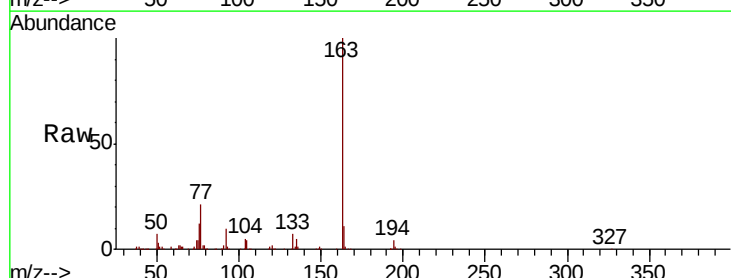
RT: 14.09 min Scan# 1872

Delta R.T. -0.00 min

Lab File: BG045206.D

Acq: 29 Apr 2020 15:39

Tgt Ion:	163	Resp:	682155
Ion Ratio	Lower	Upper	
163	100		
194	4.2	3.5	5.3
164	10.7	8.2	12.4





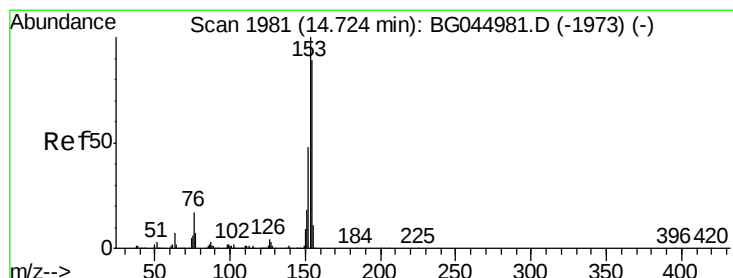
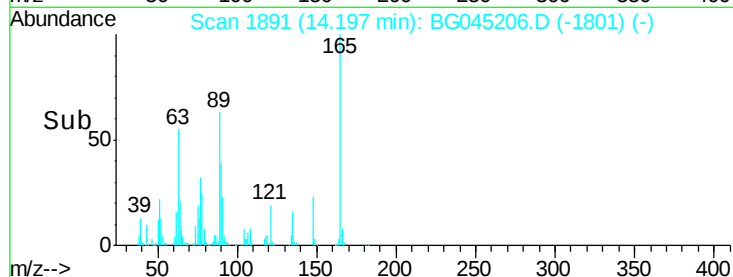
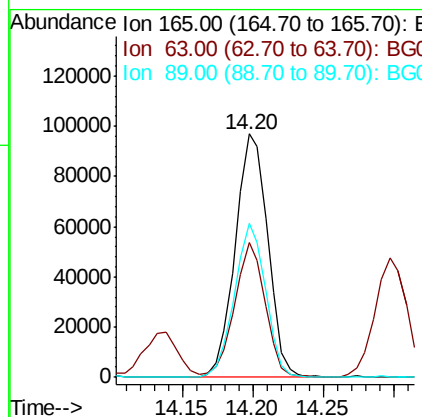
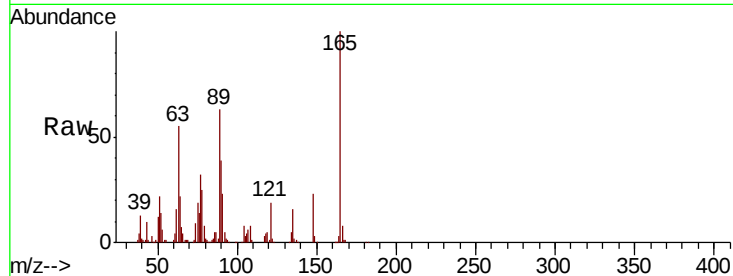
#51
 2,6-Dinitrotoluene
 Concen: 42.624 ng
 RT: 14.20 min Scan# 1891
 Delta R.T. -0.00 min
 Lab File: BG045206.D
 Acq: 29 Apr 2020 15:39

Instrument :
 BNA_G
 ClientSampleId :
 PB128538BSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	156356		
63	55.4	40.4	60.6	
89	63.4	49.1	73.7	

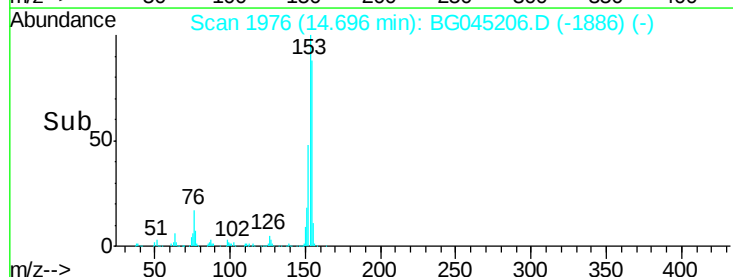
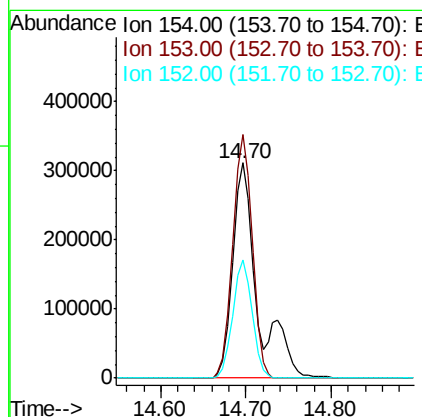
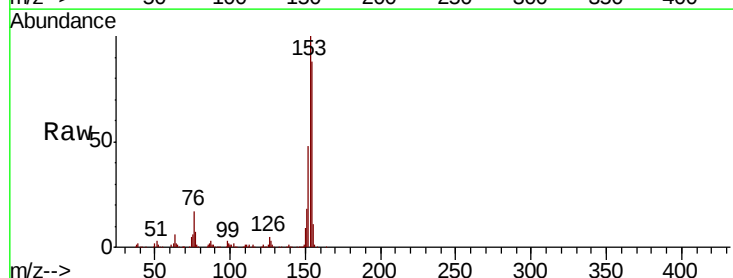
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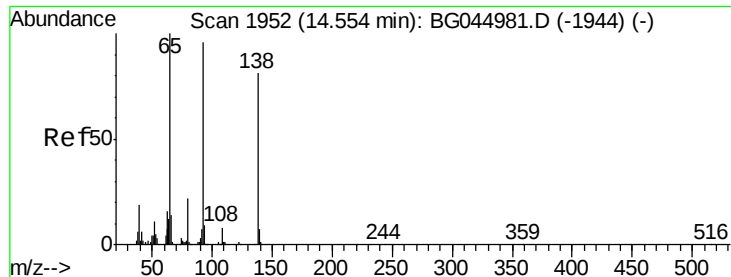
mohammad
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#52
 Acenaphthene
 Concen: 48.306 ng m
 RT: 14.70 min Scan# 1976
 Delta R.T. -0.00 min
 Lab File: BG045206.D
 Acq: 29 Apr 2020 15:39

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	622746		
153	113.3	89.7	134.5	
152	54.9	43.1	64.7	





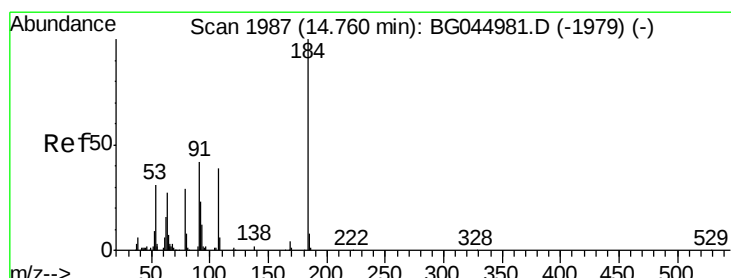
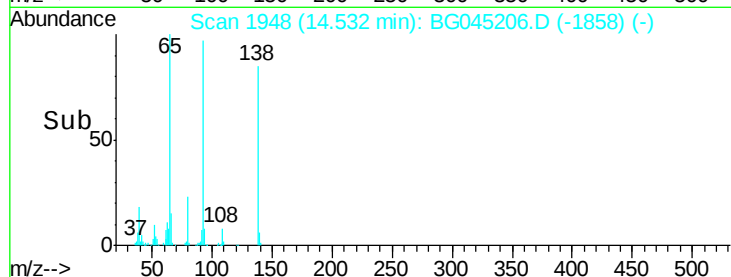
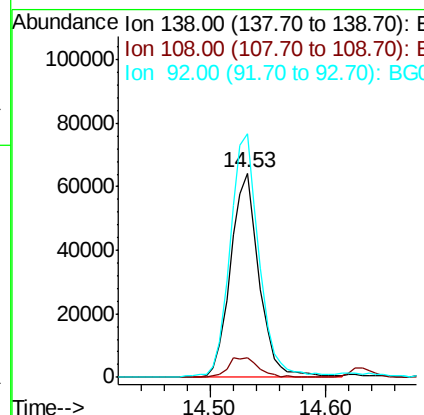
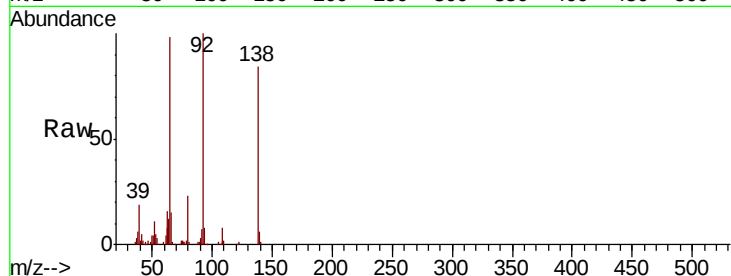
#53
3-Nitroaniline
Concen: 27.363 ng
RT: 14.53 min Scan# 1948
Delta R.T. -0.00 min
Lab File: BG045206.D
Acq: 29 Apr 2020 15:39

Instrument :
BNA_G
ClientSampleId :
PB128538BSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.6	7.8	11.8
92	119.2	94.5	141.7

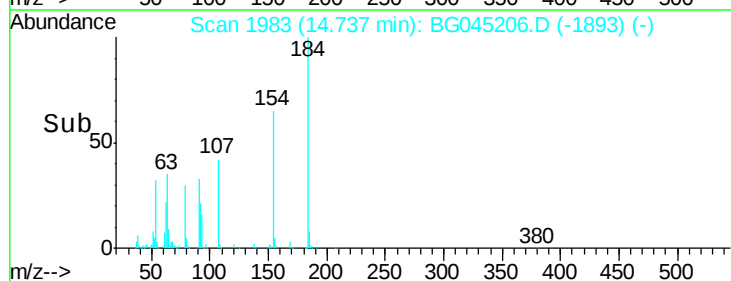
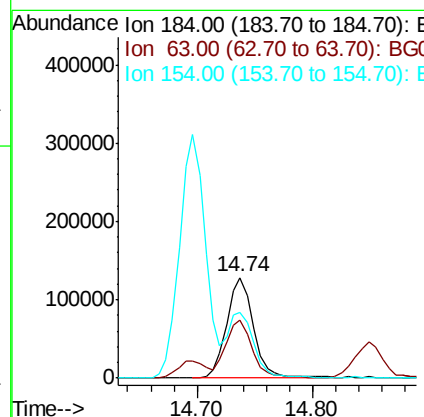
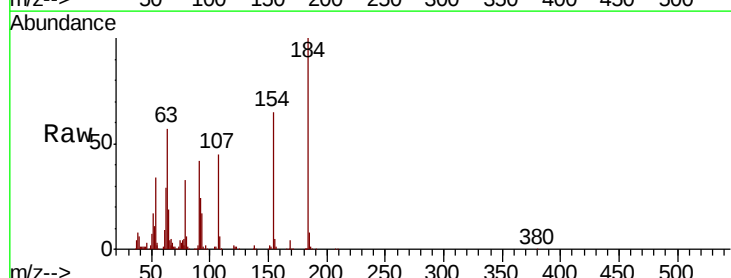
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#54
2,4-Dinitrophenol
Concen: 95.489 ng
RT: 14.74 min Scan# 1983
Delta R.T. -0.00 min
Lab File: BG045206.D
Acq: 29 Apr 2020 15:39

Tgt Ion	Ratio	Lower	Upper
184	100		
63	57.4	41.5	62.3
154	65.3	52.3	78.5





#55

Dibenzenofuran

Concen: 42.730 ng

RT: 15.03 min Scan# 2033

Delta R.T. -0.00 min

Lab File: BG045206.D

Acq: 29 Apr 2020 15:39

Instrument :

BNA_G

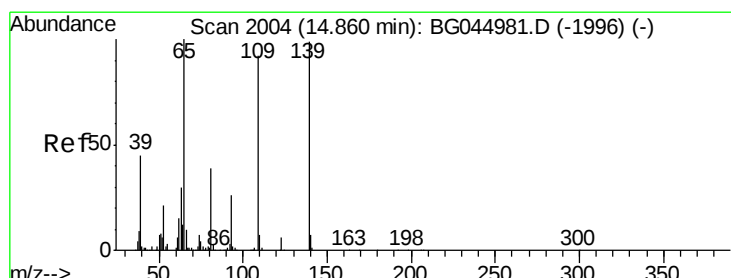
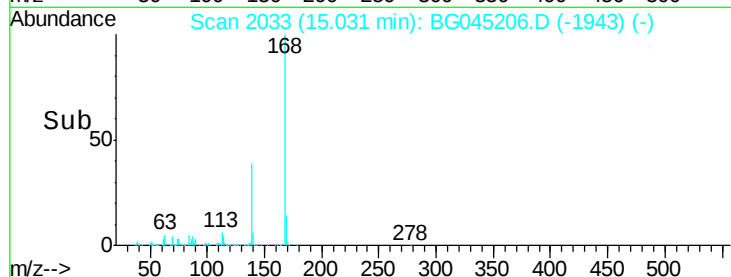
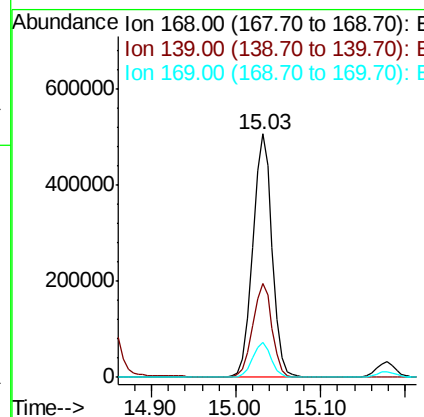
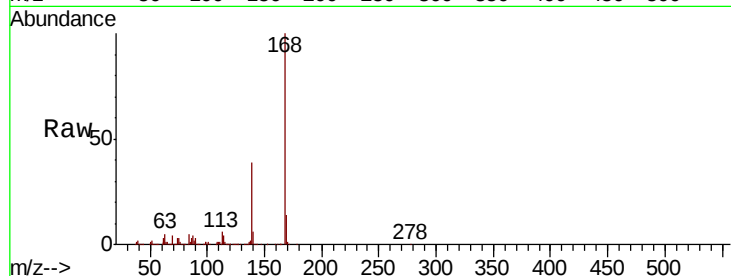
ClientSampleId :

PB128538BSD

Tot Ion:	168	Resp:	803119
Ion	Ratio	Lower	Upper
168	100		
139	38.7	30.4	45.6
169	14.5	11.0	16.4

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#56

4-Nitrophenol

Concen: 83.759 ng

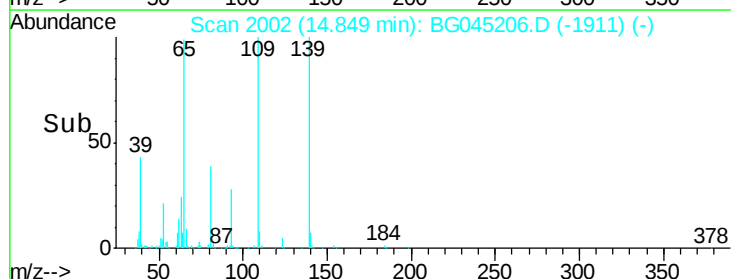
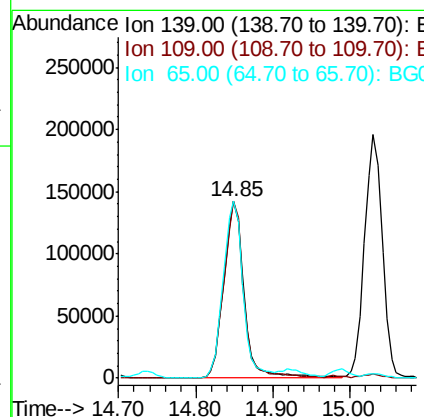
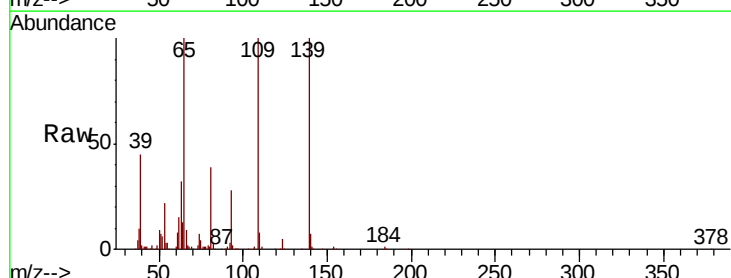
RT: 14.85 min Scan# 2002

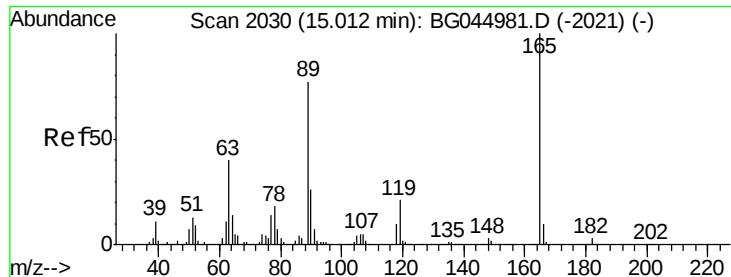
Delta R.T. 0.00 min

Lab File: BG045206.D

Acq: 29 Apr 2020 15:39

Tgt Ion:	139	Resp:	261284
Ion	Ratio	Lower	Upper
139	100		
109	100.5	73.6	113.6
65	100.1	81.2	121.2





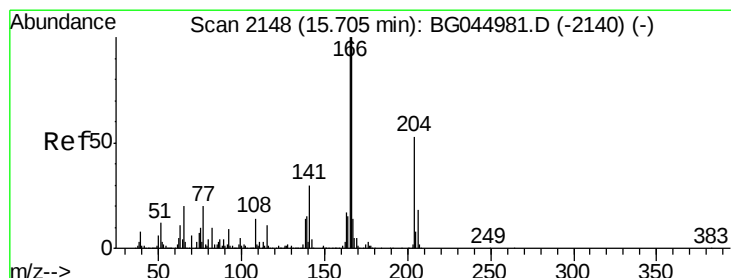
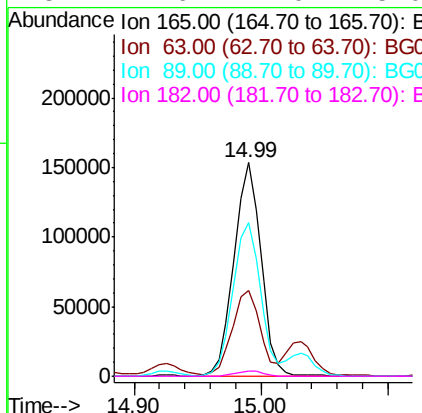
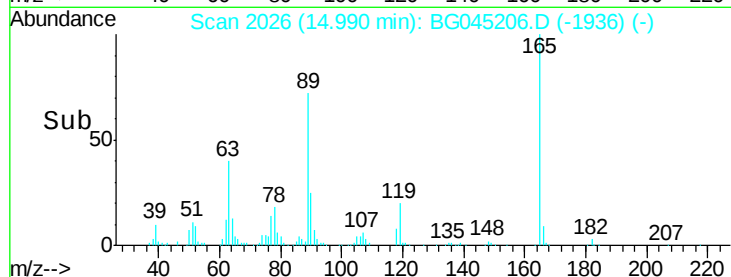
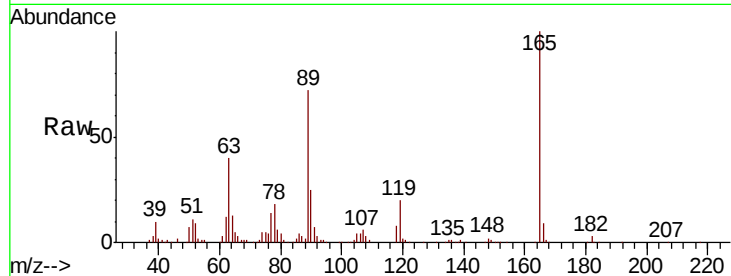
#57
2,4-Dinitrotoluene
Concen: 42.018 ng
RT: 14.99 min Scan# 2026
Delta R.T. -0.00 min
Lab File: BG045206.D
Acq: 29 Apr 2020 15:39

Instrument :
BNA_G
ClientSampleId :
PB128538BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		225250		
63	40.0		32.2	48.2	
89	71.9		61.7	92.5	
182	2.6		2.0	3.0	

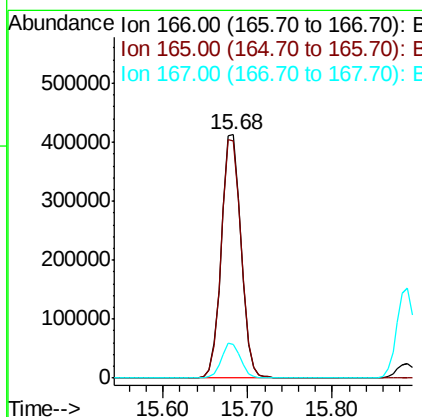
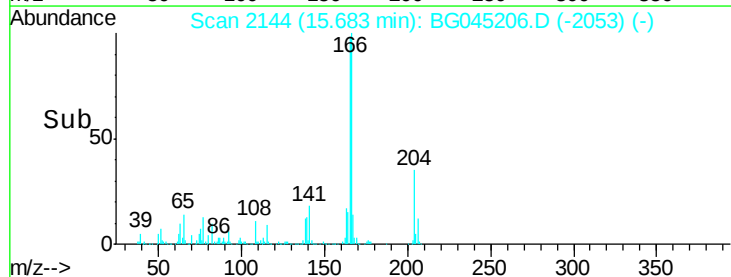
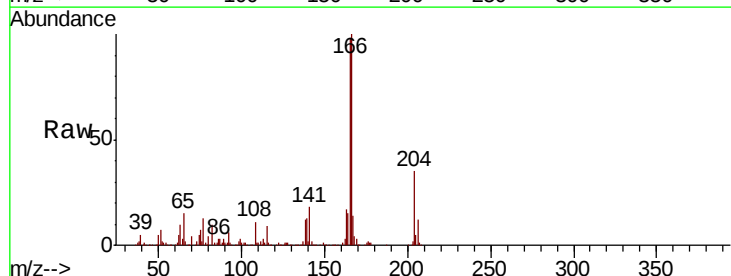
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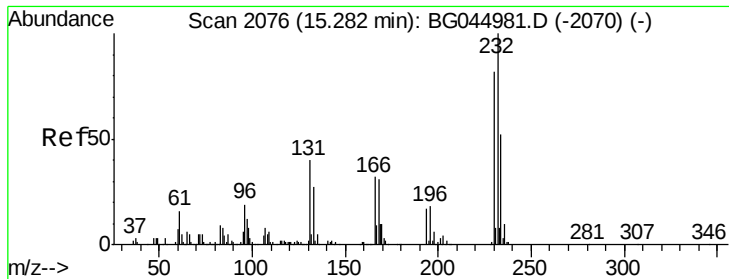
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#58
Fluorene
Concen: 43.494 ng
RT: 15.68 min Scan# 2144
Delta R.T. 0.00 min
Lab File: BG045206.D
Acq: 29 Apr 2020 15:39

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		667729		
165	97.6		79.9	119.9	
167	13.7		11.4	17.0	





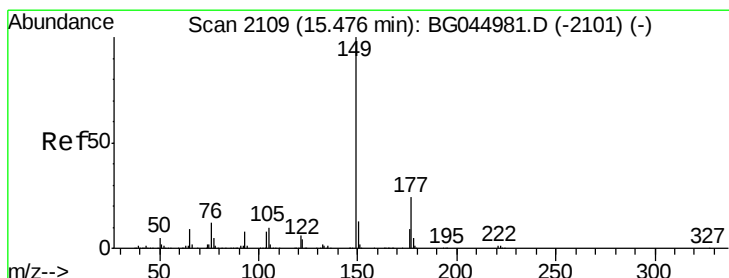
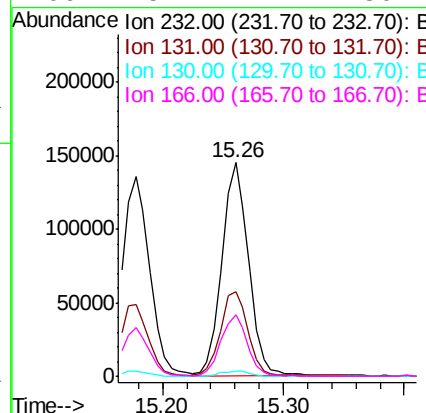
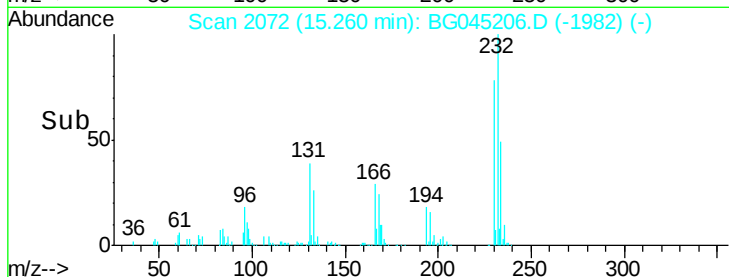
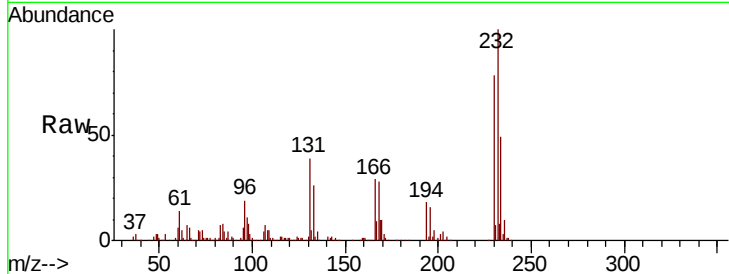
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 47.441 ng
 RT: 15.26 min Scan# 2072
 Delta R.T. -0.00 min
 Lab File: BG045206.D
 Acq: 29 Apr 2020 15:39

Instrument :
 BNA_G
 ClientSampleId :
 PB128538BSD

Tot Ion	Ratio	Resp	Lower	Upper
232	100	219914		
131	41.1	32.2	48.2	
130	2.5	2.2	3.2	
166	28.4	24.2	36.4	

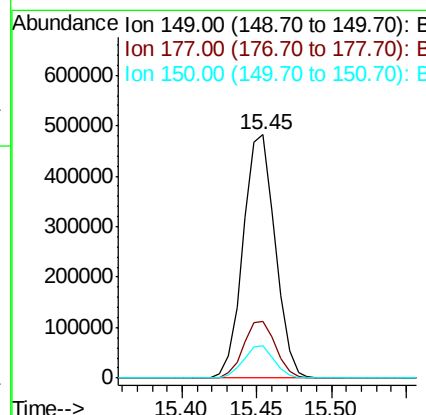
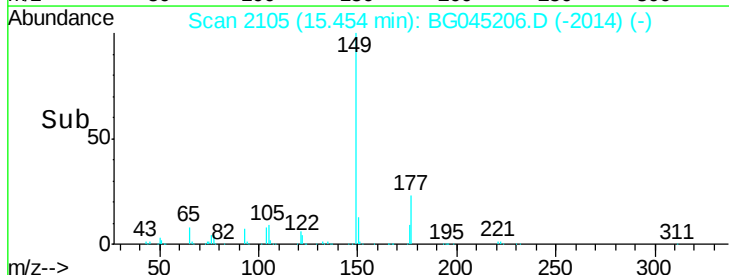
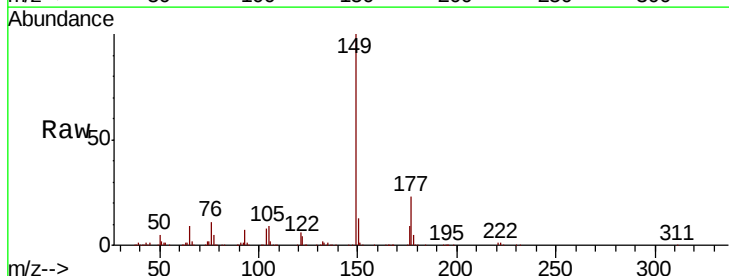
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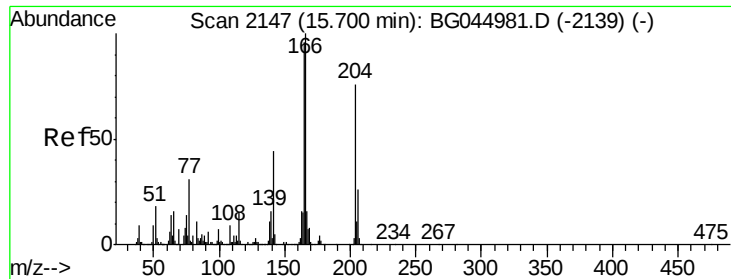
mohammad
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#60
 Diethylphthalate
 Concen: 41.861 ng
 RT: 15.45 min Scan# 2105
 Delta R.T. 0.00 min
 Lab File: BG045206.D
 Acq: 29 Apr 2020 15:39

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	715787		
177	23.3	18.9	28.3	
150	13.1	10.6	15.8	





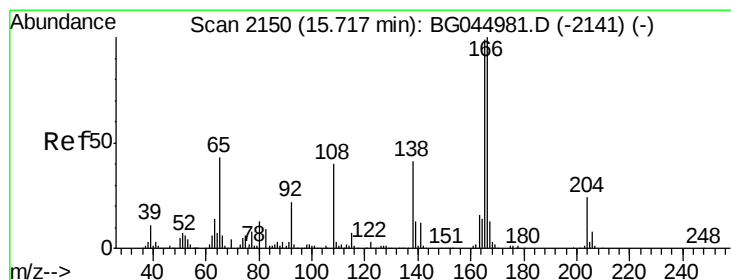
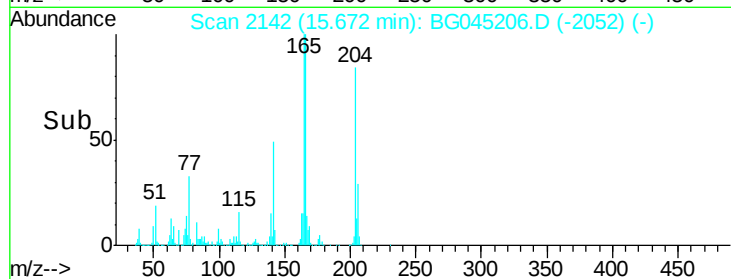
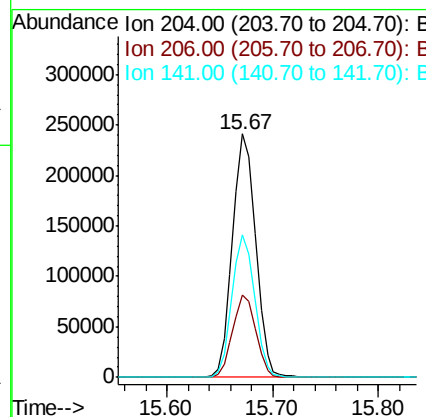
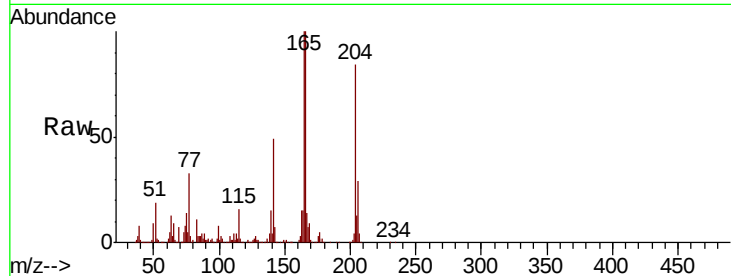
#61
 4-Chlorophenyl-phenylether
 Concen: 41.550 ng
 RT: 15.67 min Scan# 2142
 Delta R.T. -0.00 min
 Lab File: BG045206.D
 Acq: 29 Apr 2020 15:39

Instrument :
 BNA_G
 ClientSampleId :
 PB128538BSD

Tot Ion	Ratio	Resp	Lower	Upper
204	100			
206	34.0	26.9	40.3	
141	58.5	46.3	69.5	

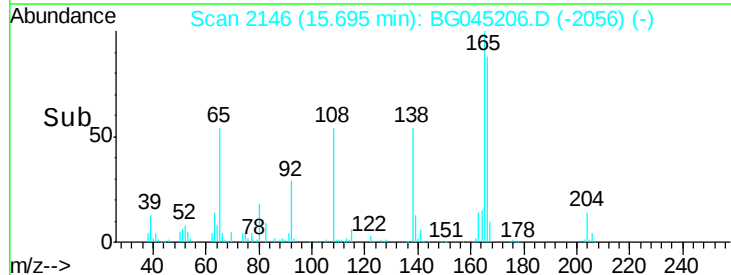
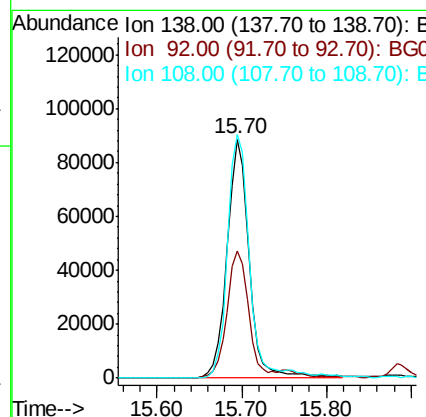
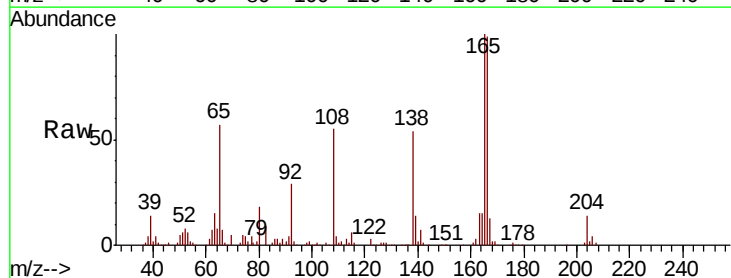
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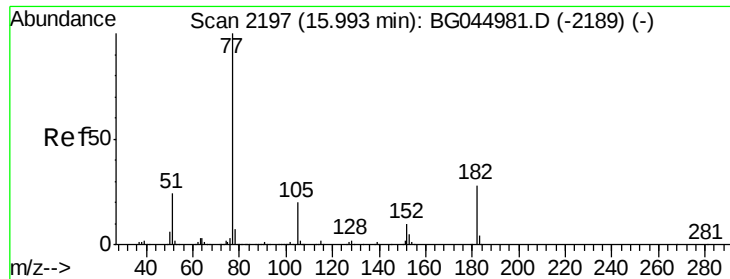
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#62
 4-Nitroaniline
 Concen: 38.449 ng
 RT: 15.70 min Scan# 2146
 Delta R.T. -0.00 min
 Lab File: BG045206.D
 Acq: 29 Apr 2020 15:39

Tgt Ion	Ratio	Resp	Lower	Upper
138	100			
92	53.1	33.6	73.6	
108	101.9	78.2	118.2	





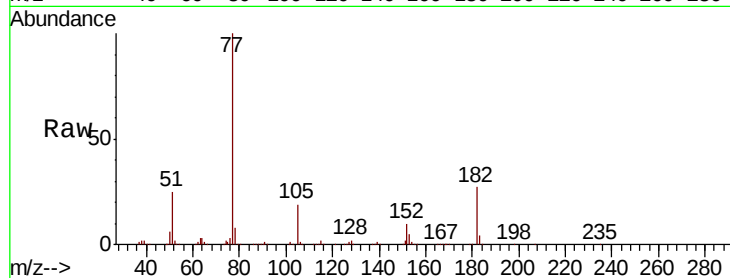
#63
Azobenzene
Concen: 43.126 ng
RT: 15.97 min Scan# 2192
Delta R.T. -0.00 min
Lab File: BG045206.D
Acq: 29 Apr 2020 15:39

Instrument :
BNA_G
ClientSampleId :
PB128538BSD

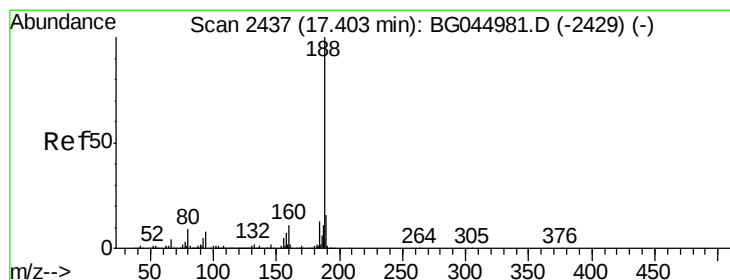
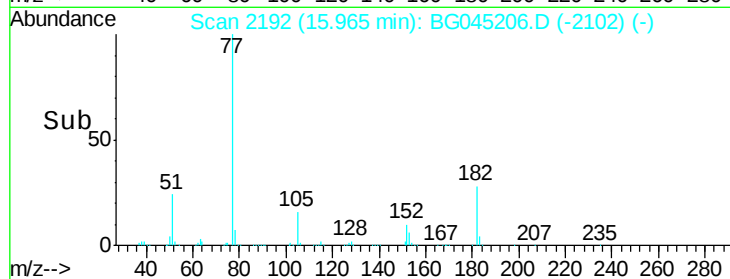
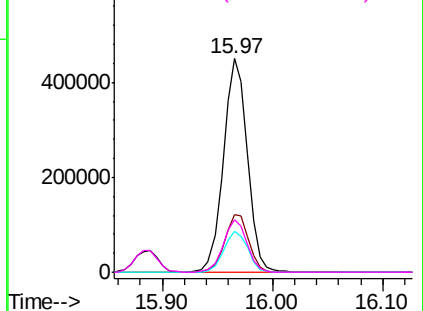
Tot Ion	Ratio	Lower	Upper
77	100		
182	27.2	8.4	48.4
105	19.0	0.5	40.5
51	24.8	4.4	44.4

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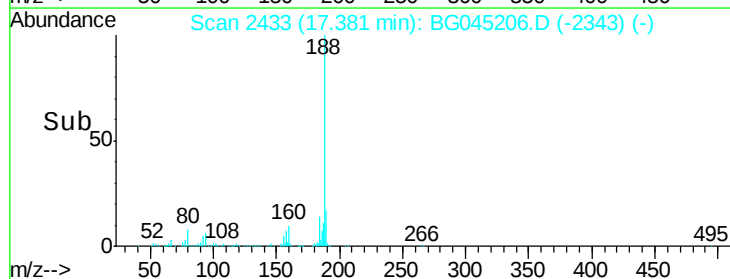
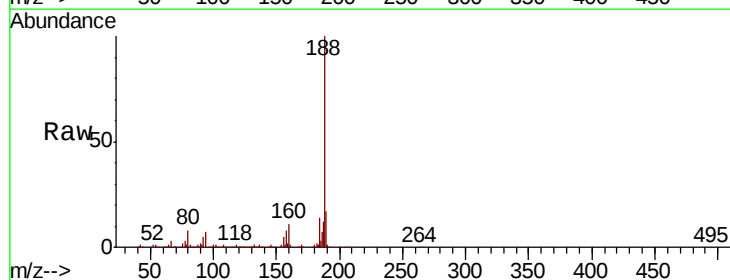
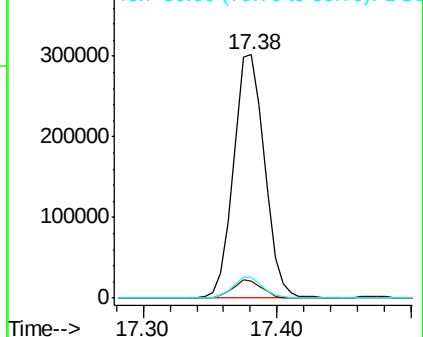
Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

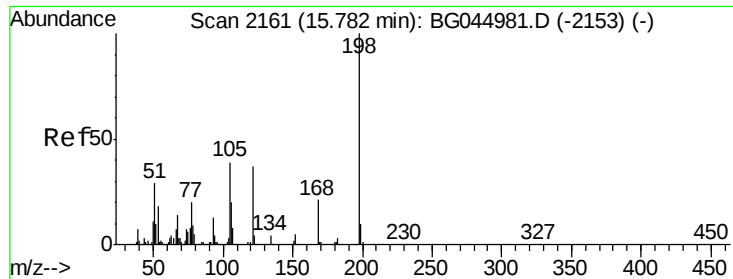


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.38 min Scan# 2433
Delta R.T. -0.00 min
Lab File: BG045206.D
Acq: 29 Apr 2020 15:39

Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.9	6.2	9.4
80	8.4	7.0	10.6

Abundance Ion 188.00 (187.70 to 188.70): BGC
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 46.226 ng

RT: 15.76 min Scan# 2157

Delta R.T. 0.00 min

Lab File: BG045206.D

Acq: 29 Apr 2020 15:39

Instrument :

BNA_G

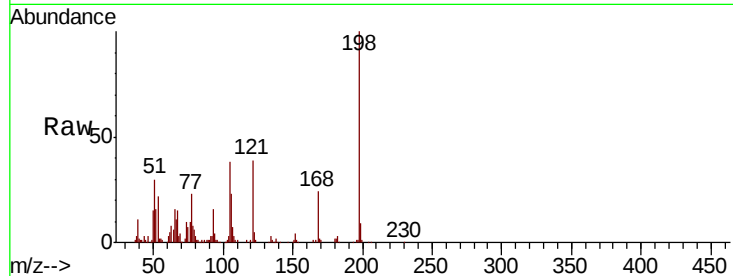
ClientSampleId :

PB128538BSD

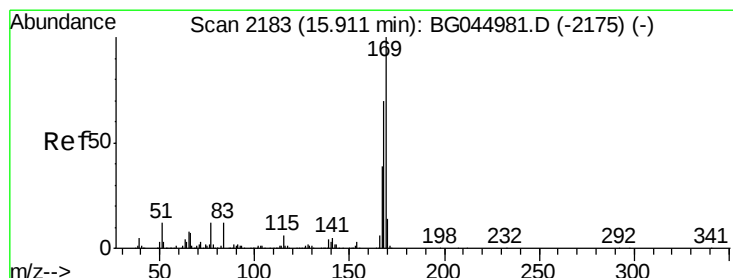
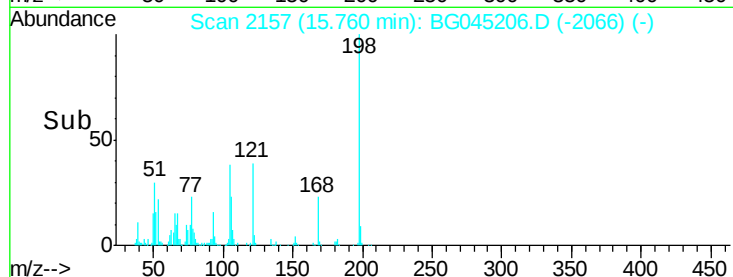
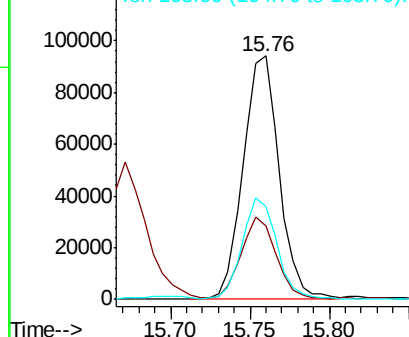
Tot Ion:198	Resp:	148347
Ion Ratio	Lower	Upper
198 100		
51 30.0	10.0	50.0
105 37.9	18.9	58.9

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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: 43.082 ng

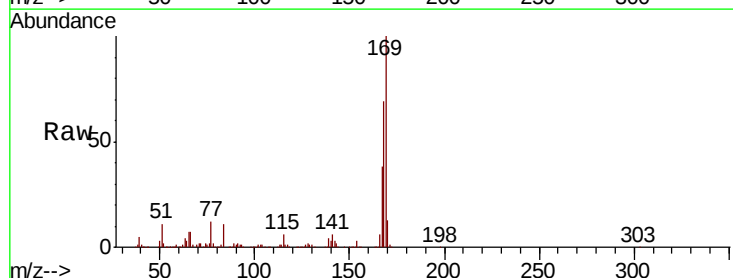
RT: 15.89 min Scan# 2179

Delta R.T. -0.00 min

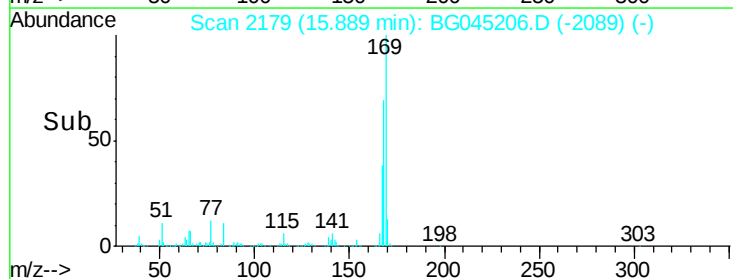
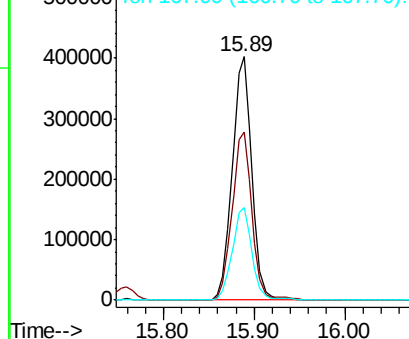
Lab File: BG045206.D

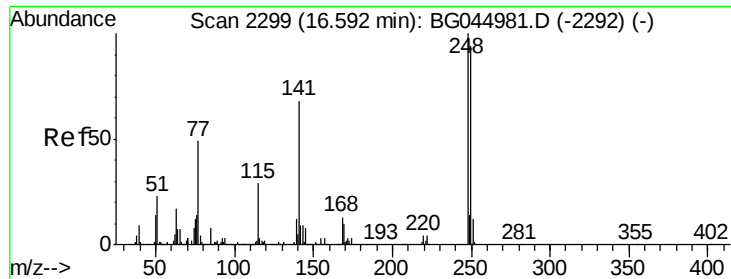
Acq: 29 Apr 2020 15:39

Tgt Ion:169	Resp:	604347
Ion Ratio	Lower	Upper
169 100		
168 68.9	55.8	83.8
167 38.0	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





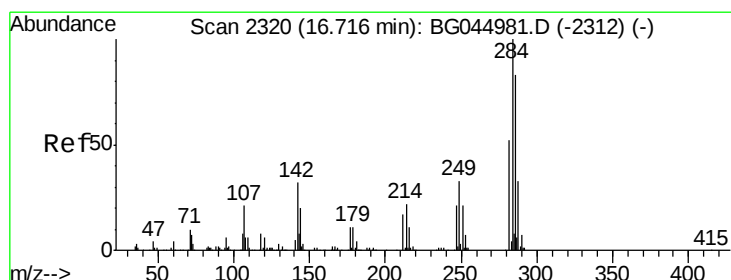
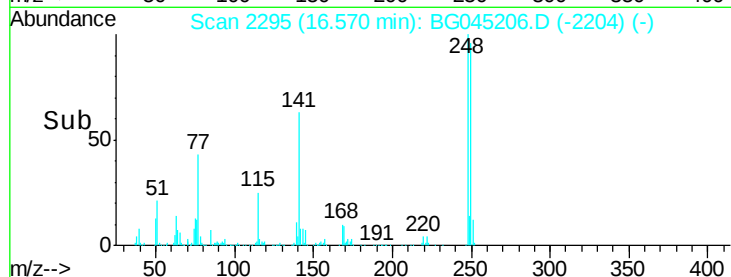
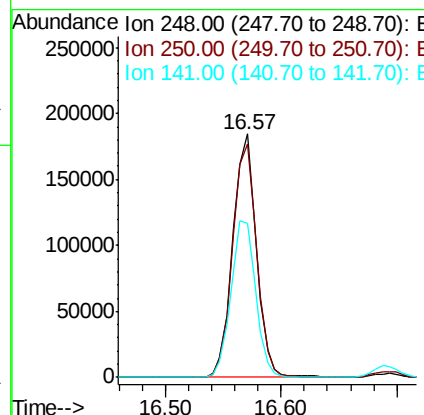
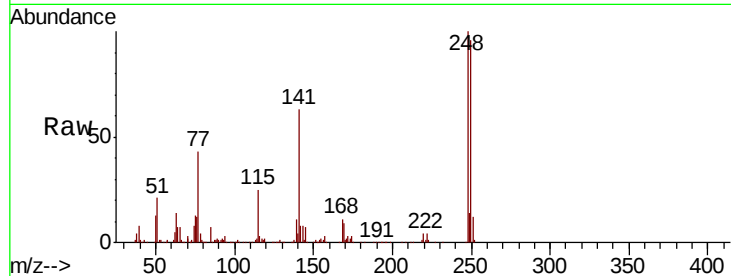
#67
4-Bromophenyl-phenylether
Concen: 41.573 ng
RT: 16.57 min Scan# 2295
Delta R.T. 0.00 min
Lab File: BG045206.D
Acq: 29 Apr 2020 15:39

Instrument :
BNA_G
ClientSampleId :
PB128538BSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	95.7	75.4	113.2
141	63.1	54.4	81.6

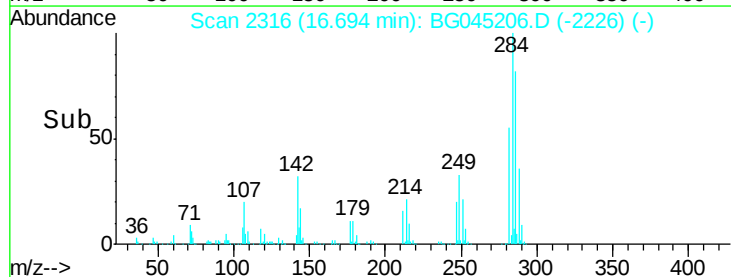
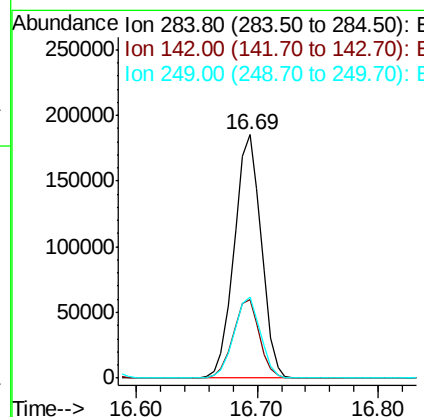
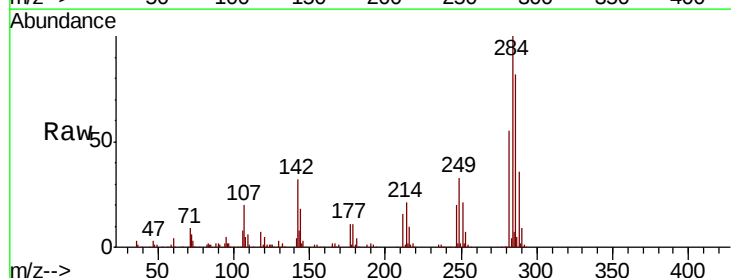
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#68
Hexachlorobenzene
Concen: 43.998 ng
RT: 16.69 min Scan# 2316
Delta R.T. -0.00 min
Lab File: BG045206.D
Acq: 29 Apr 2020 15:39

Tgt Ion	Ratio	Lower	Upper
284	100		
142	32.0	25.8	38.6
249	33.3	26.6	39.8





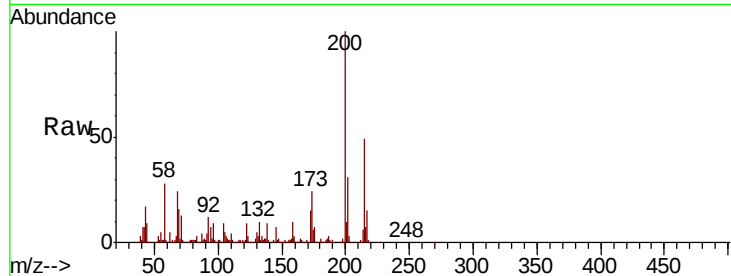
#69
 Atrazine
 Concen: 49.959 ng
 RT: 16.84 min Scan# 2341
 Delta R.T. 0.00 min
 Lab File: BG045206.D
 Acq: 29 Apr 2020 15:39

Instrument :
 BNA_G
 ClientSampleId :
 PB128538BSD

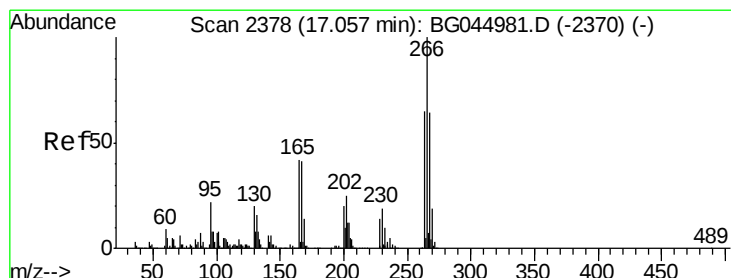
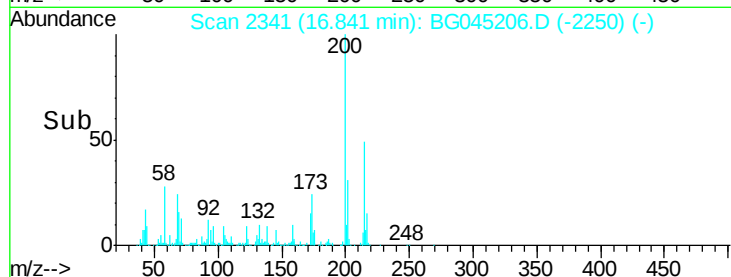
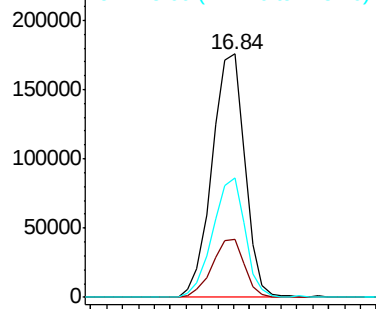
Tot Ion	Ratio	Lower	Upper
200	100		
173	24.0	4.5	44.5
215	49.2	30.0	70.0

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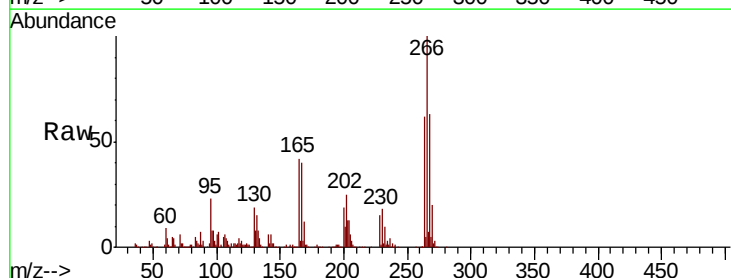


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

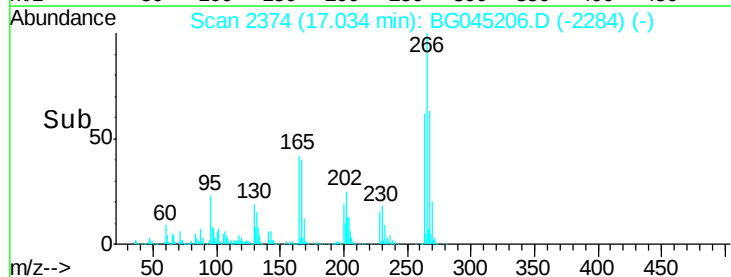
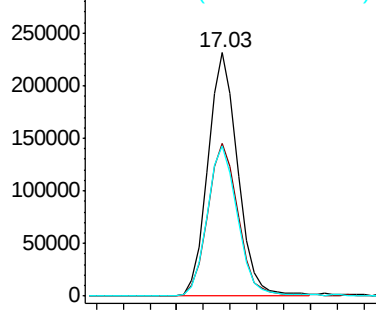


#70
 Pentachlorophenol
 Concen: 89.300 ng
 RT: 17.03 min Scan# 2374
 Delta R.T. -0.00 min
 Lab File: BG045206.D
 Acq: 29 Apr 2020 15:39

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.7	51.5	77.3
264	61.5	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





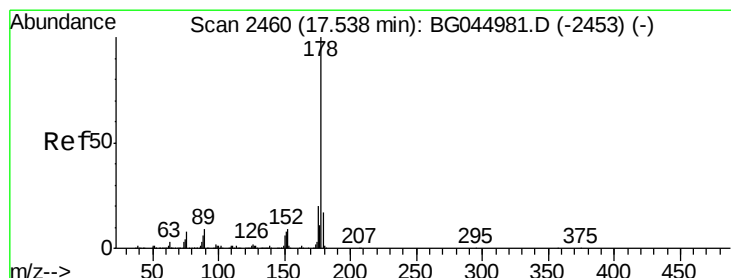
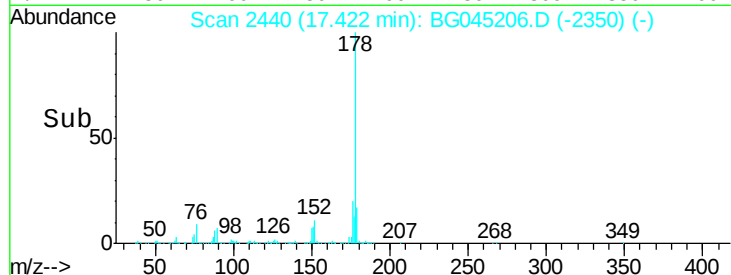
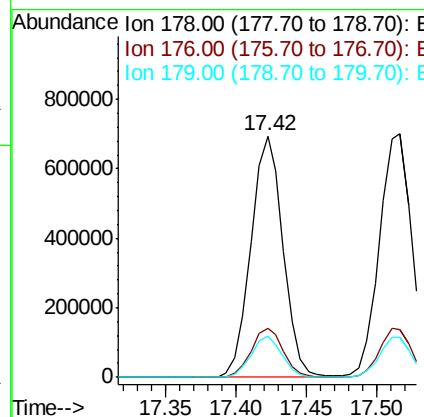
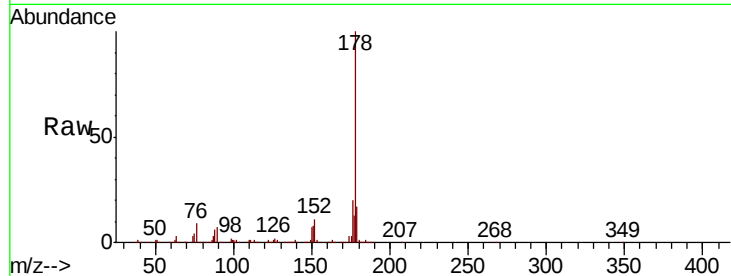
#71
Phenanthrene
Concen: 44.255 ng
RT: 17.42 min Scan# 2440
Delta R.T. -0.00 min
Lab File: BG045206.D
Acq: 29 Apr 2020 15:39

Instrument :
BNA_G
ClientSampleId :
PB128538BSD

Tot Ion:178 Resp: 1110313
Ion Ratio Lower Upper
178 100
176 20.3 16.8 25.2
179 17.0 13.2 19.8

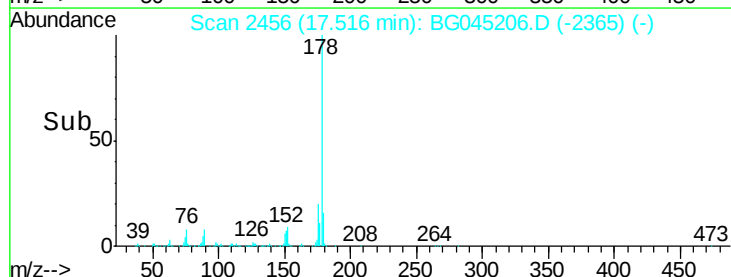
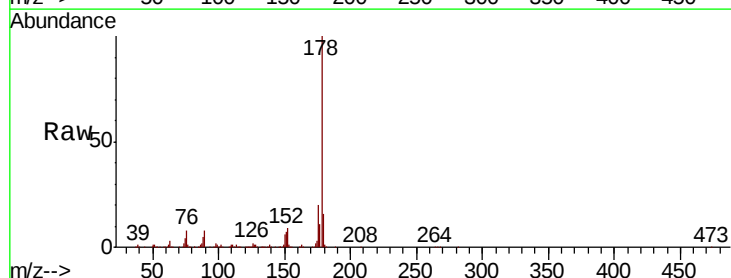
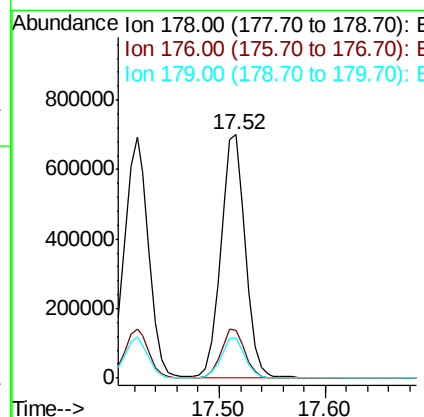
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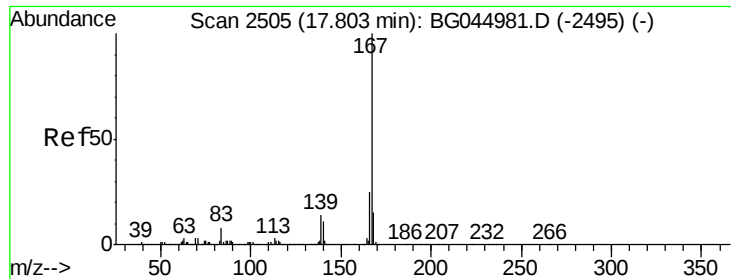
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#72
Anthracene
Concen: 44.672 ng
RT: 17.52 min Scan# 2456
Delta R.T. 0.00 min
Lab File: BG045206.D
Acq: 29 Apr 2020 15:39

Tgt Ion:178 Resp: 1124265
Ion Ratio Lower Upper
178 100
176 19.7 16.0 24.0
179 16.3 13.6 20.4





#73

Carbazole

Concen: 40.753 ng

RT: 17.78 min Scan# 2501

Delta R.T. -0.00 min

Lab File: BG045206.D

Acq: 29 Apr 2020 15:39

Instrument :

BNA_G

ClientSampleId :

PB128538BSD

Tot Ion:167 Resp: 1040824

Ion Ratio Lower Upper

167 100

166 23.6 19.8 29.6

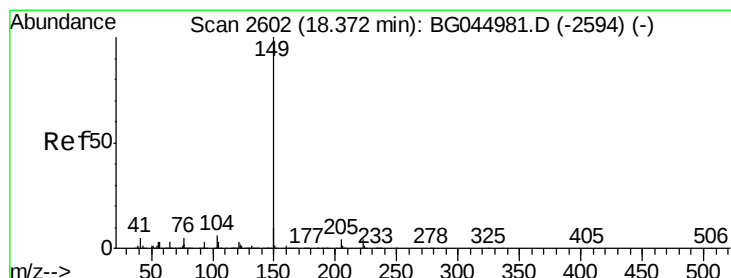
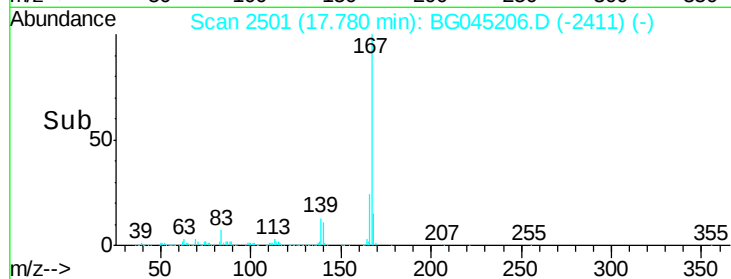
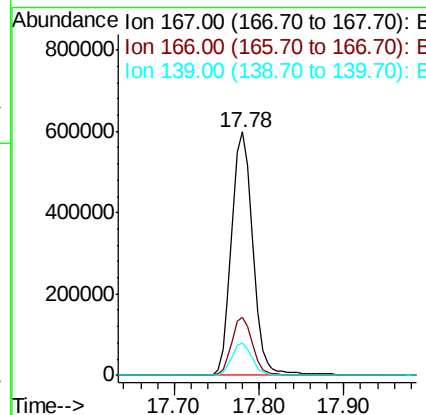
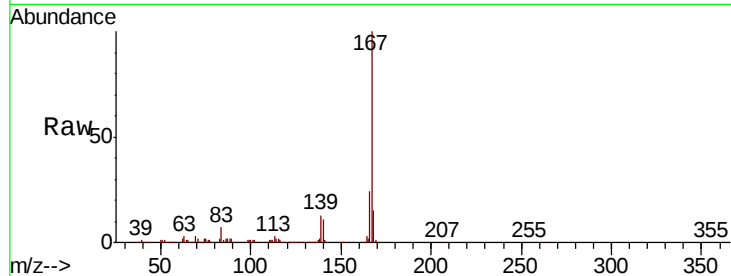
139 13.1 10.9 16.3

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4/30/2020 1:37:50 PM



#74

Di-n-butylphthalate

Concen: 44.819 ng

RT: 18.34 min Scan# 2597

Delta R.T. -0.00 min

Lab File: BG045206.D

Acq: 29 Apr 2020 15:39

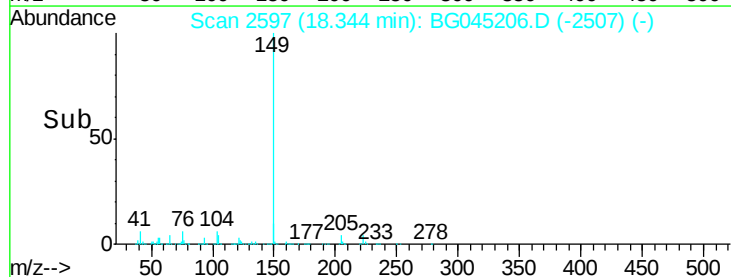
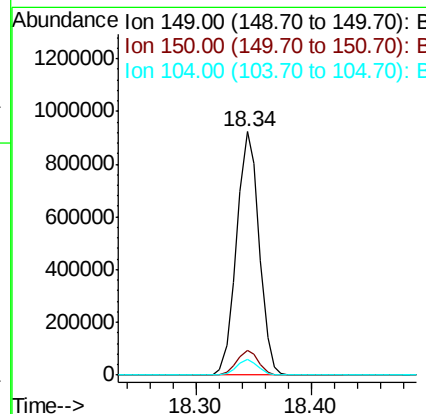
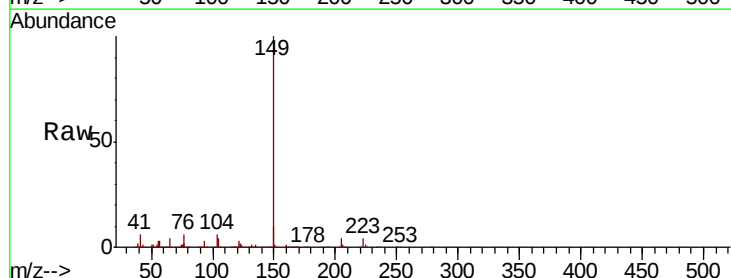
Tgt Ion:149 Resp: 1246706

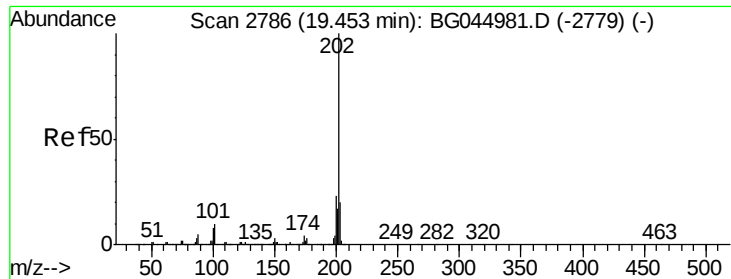
Ion Ratio Lower Upper

149 100

150 10.3 8.2 12.2

104 6.4 4.8 7.2





#75

Fluoranthene

Concen: 47.619 ng

RT: 19.43 min Scan# 2782

Delta R.T. -0.00 min

Lab File: BG045206.D

Acq: 29 Apr 2020 15:39

Instrument :

BNA_G

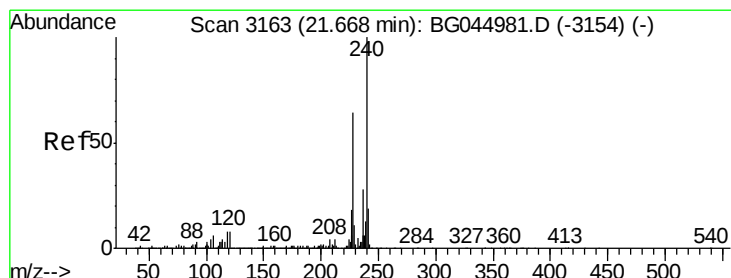
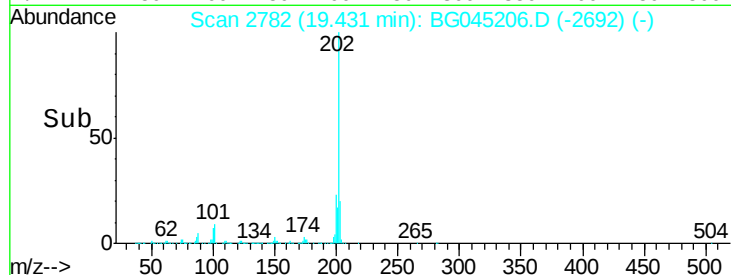
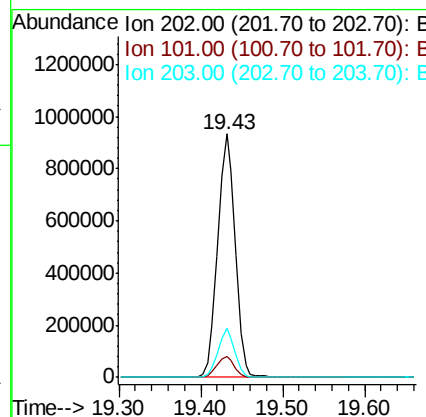
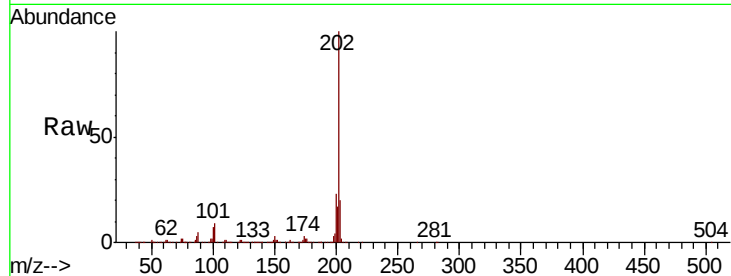
ClientSampleId :

PB128538BSD

Tot Ion	Ratio	Lower	Upper
202	100		
101	8.5	0.0	29.6
203	19.9	0.0	39.7

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#76

Chrysene-d12

Concen: 20.000 ng

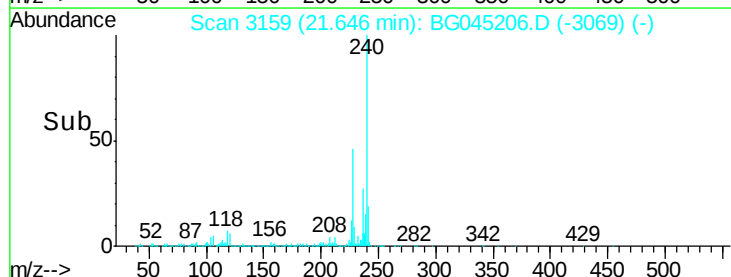
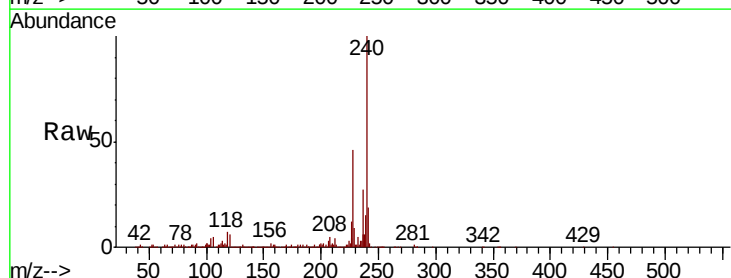
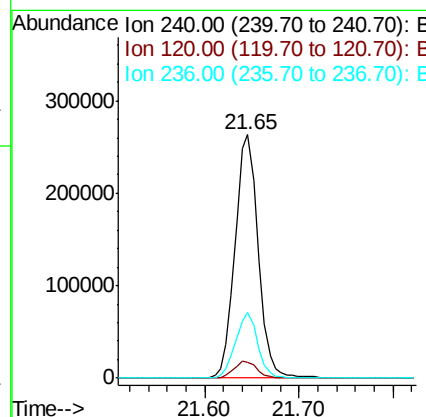
RT: 21.65 min Scan# 3159

Delta R.T. -0.00 min

Lab File: BG045206.D

Acq: 29 Apr 2020 15:39

Tgt Ion	Ratio	Lower	Upper
240	100		
120	6.5	6.6	10.0#
236	27.1	22.2	33.2





#77

Benzidine

Concen: 60.558 ng

RT: 19.61 min Scan# 2812

Delta R.T. -0.00 min

Lab File: BG045206.D

Acq: 29 Apr 2020 15:39

Instrument :

BNA_G

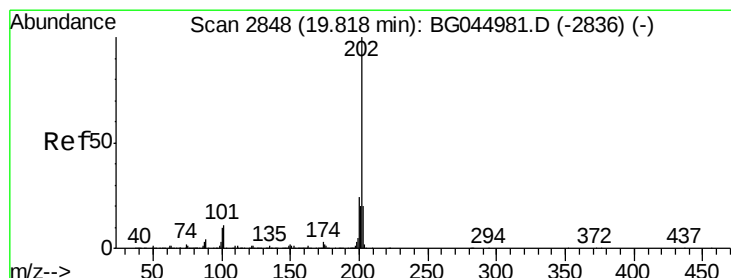
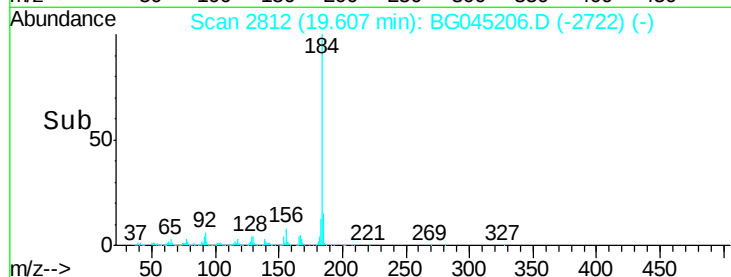
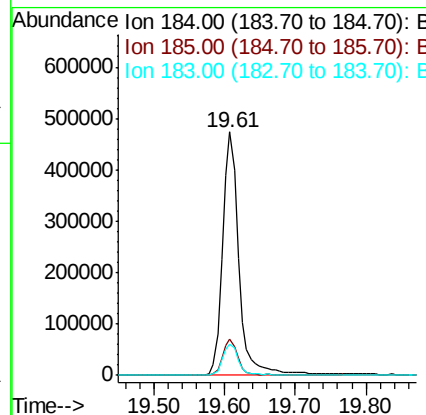
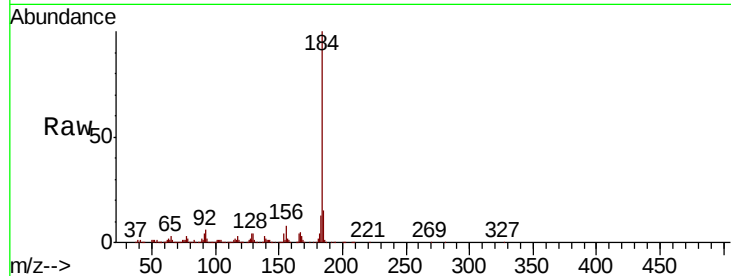
ClientSampleId :

PB128538BSD

Tot Ion:	184	Resp:	763880
Ion Ratio	Lower	Upper	
184	100		
185	15.0	12.6	19.0
183	13.1	11.3	16.9

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#78

Pyrene

Concen: 43.658 ng

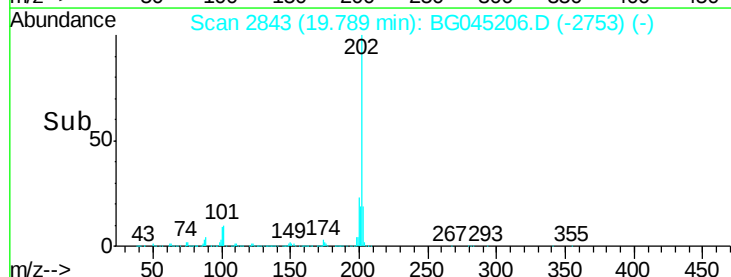
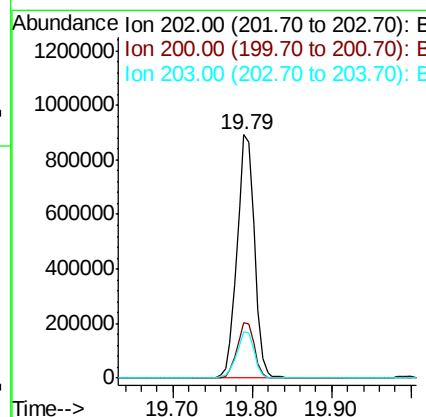
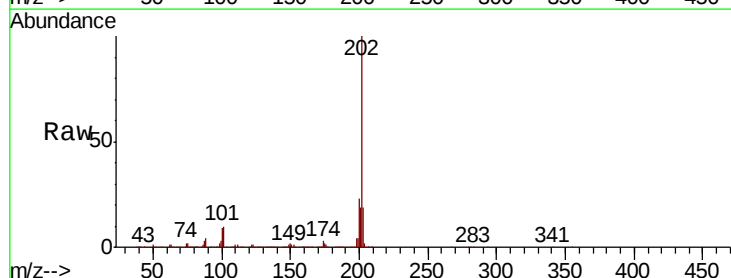
RT: 19.79 min Scan# 2843

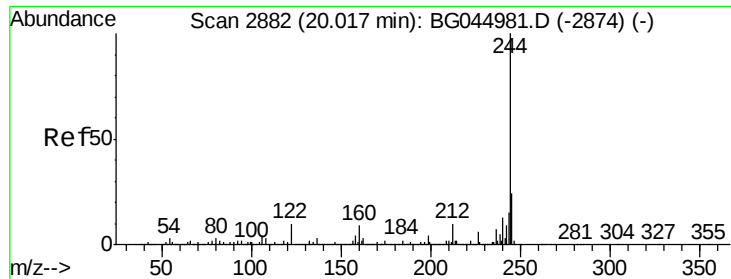
Delta R.T. -0.00 min

Lab File: BG045206.D

Acq: 29 Apr 2020 15:39

Tgt Ion:	202	Resp:	1356931
Ion Ratio	Lower	Upper	
202	100		
200	22.6	19.0	28.6
203	19.3	16.1	24.1





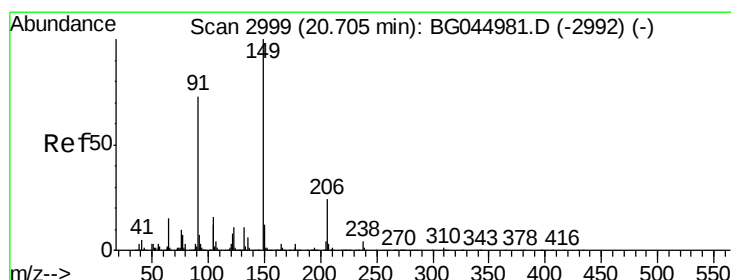
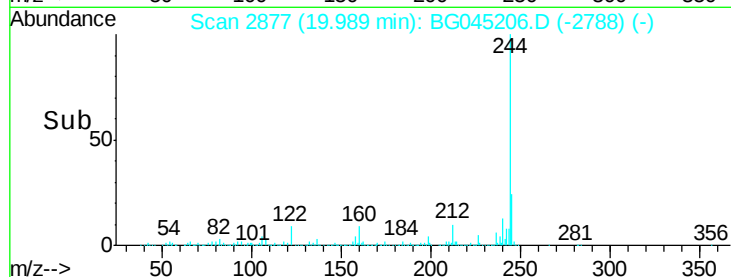
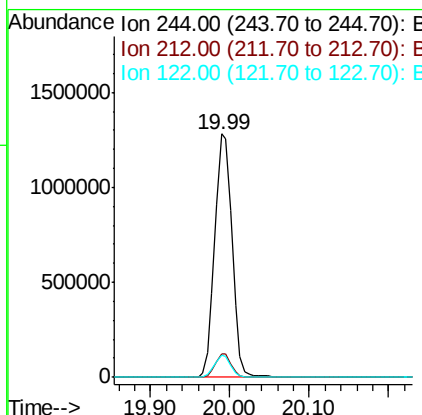
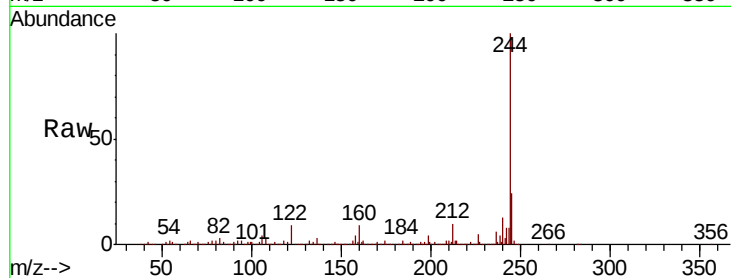
#79
 Terphenyl-d14
 Concen: 94.267 ng
 RT: 19.99 min Scan# 2877
 Delta R.T. -0.01 min
 Lab File: BG045206.D
 Acq: 29 Apr 2020 15:39

Instrument :
 BNA_G
 ClientSampleId :
 PB128538BSD

Tot Ion	Ratio	Lower	Upper
244	100		
212	9.6	7.9	11.9
122	9.1	7.7	11.5

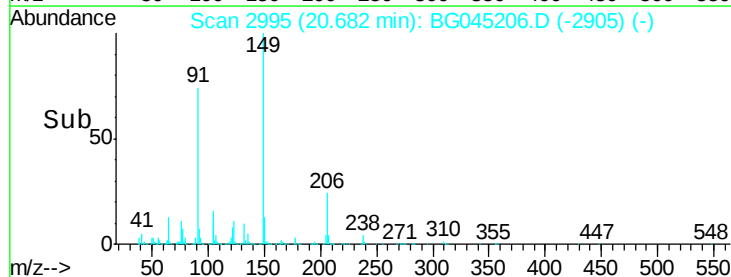
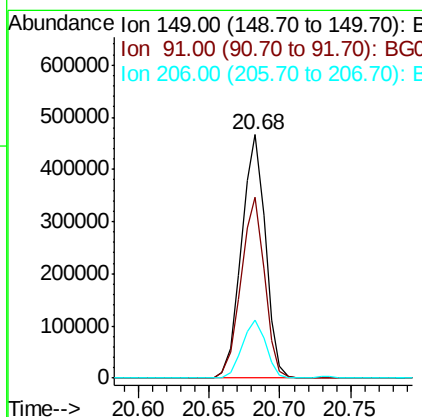
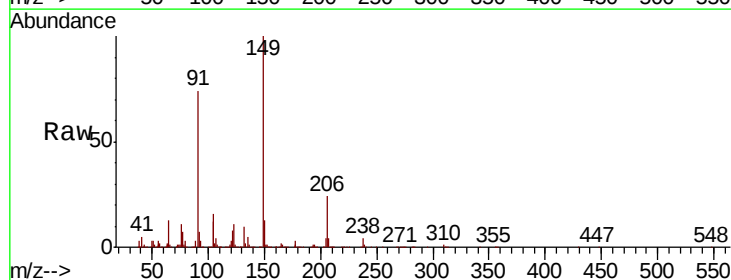
Manual Integrations
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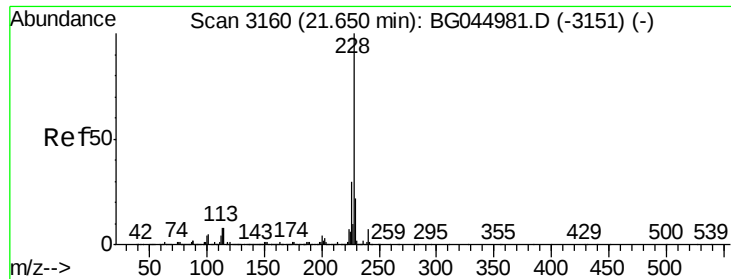
mohammad
 4/30/2020 1:37:50 PM



#80
 Butylbenzylphthalate
 Concen: 43.015 ng
 RT: 20.68 min Scan# 2995
 Delta R.T. -0.00 min
 Lab File: BG045206.D
 Acq: 29 Apr 2020 15:39

Tgt Ion	Ratio	Lower	Upper
149	100		
91	74.1	58.5	87.7
206	23.9	19.2	28.8





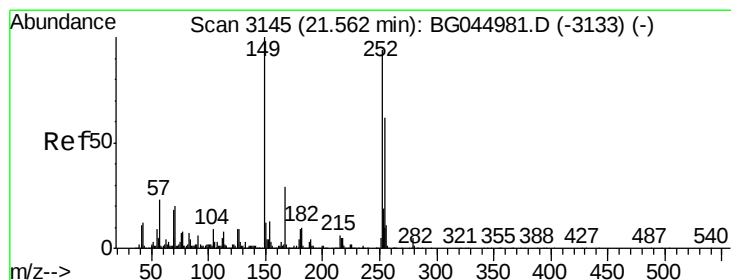
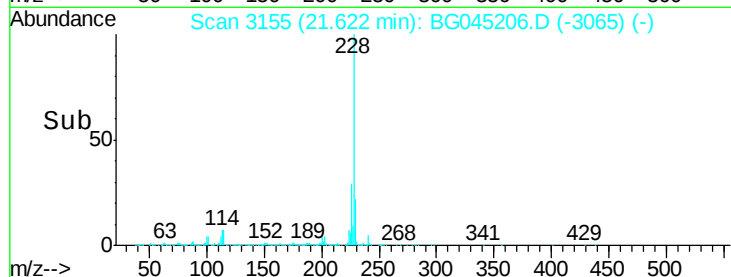
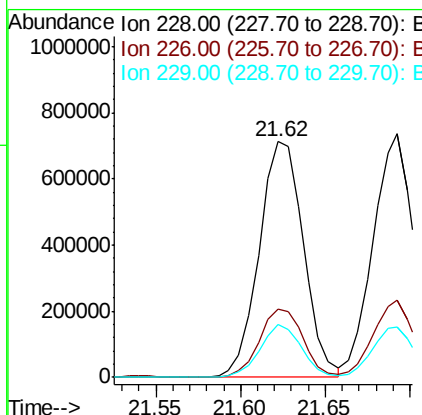
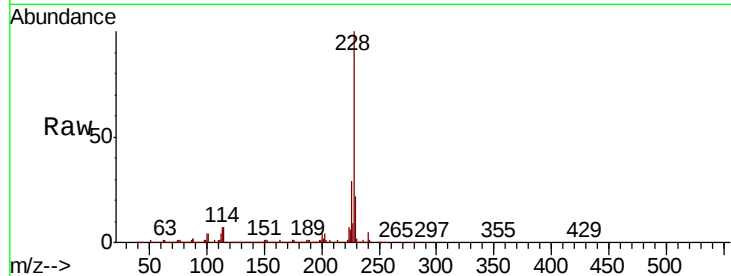
#81
Benzo(a)anthracene
Concen: 44.086 ng
RT: 21.62 min Scan# 3155
Delta R.T. -0.00 min
Lab File: BG045206.D
Acq: 29 Apr 2020 15:39

Instrument :
BNA_G
ClientSampleId :
PB128538BSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.2	24.0	36.0
229	22.5	17.5	26.3

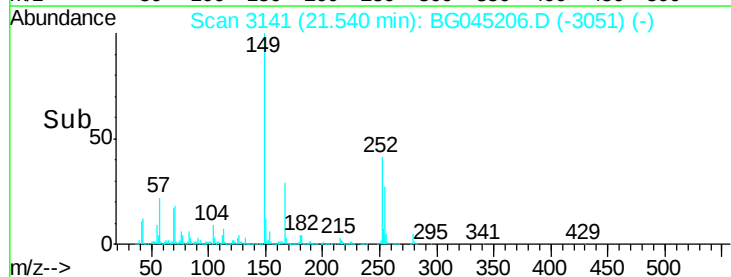
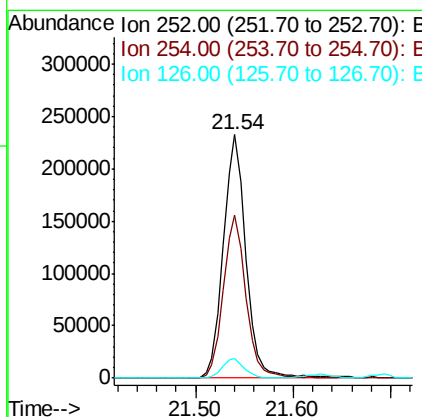
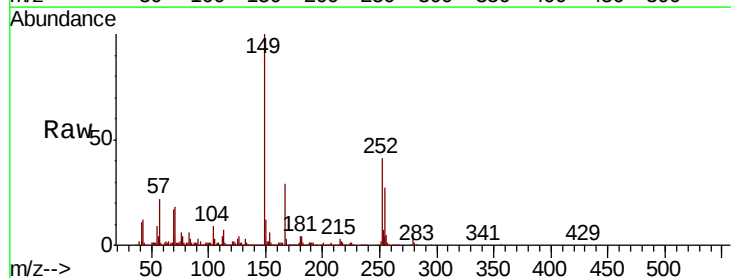
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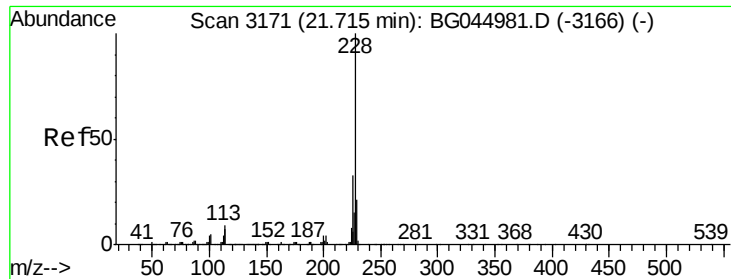
mohammad
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#82
3,3'-Dichlorobenzidine
Concen: 32.102 ng
RT: 21.54 min Scan# 3141
Delta R.T. -0.00 min
Lab File: BG045206.D
Acq: 29 Apr 2020 15:39

Tgt Ion	Ratio	Lower	Upper
252	100		
254	66.7	52.6	79.0
126	8.0	7.5	11.3





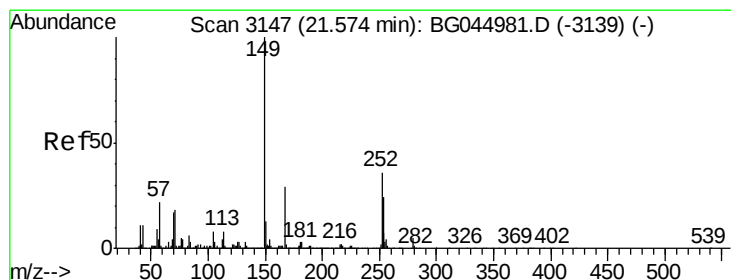
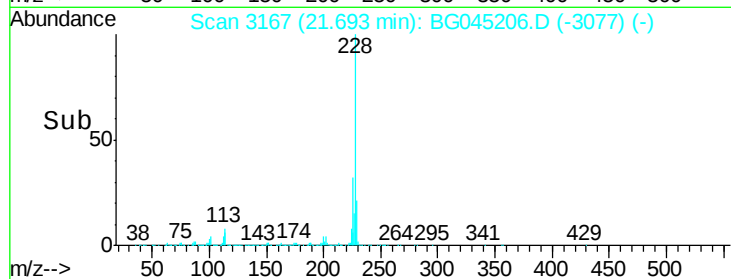
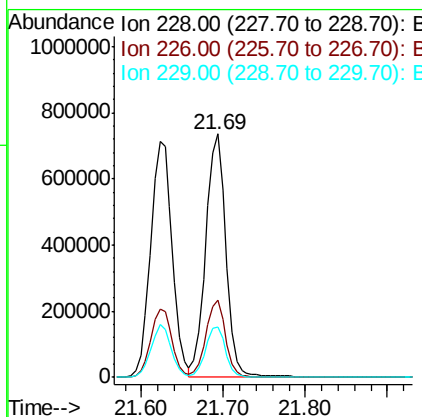
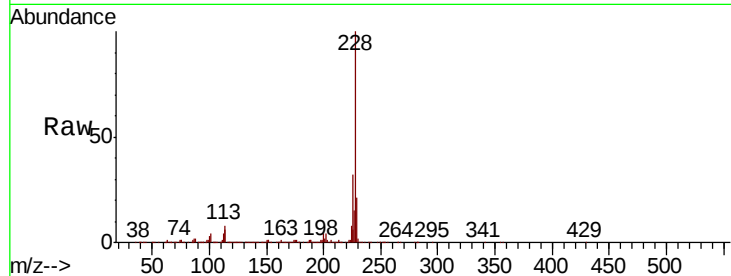
#83
Chrysene
Concen: 45.000 ng
RT: 21.69 min Scan# 3167
Delta R.T. -0.00 min
Lab File: BG045206.D
Acq: 29 Apr 2020 15:39

Instrument :
BNA_G
ClientSampleID :
PB128538BSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.7	26.2	39.4
229	20.8	17.0	25.6

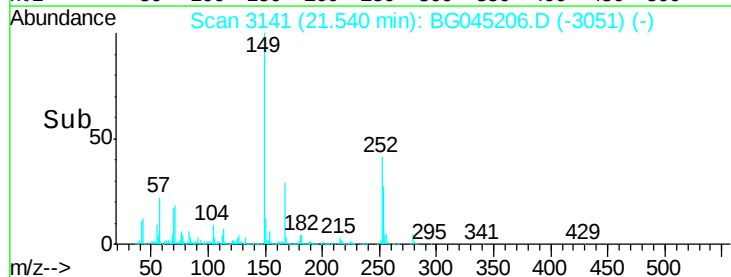
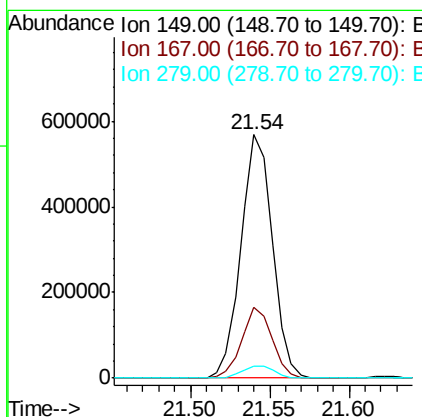
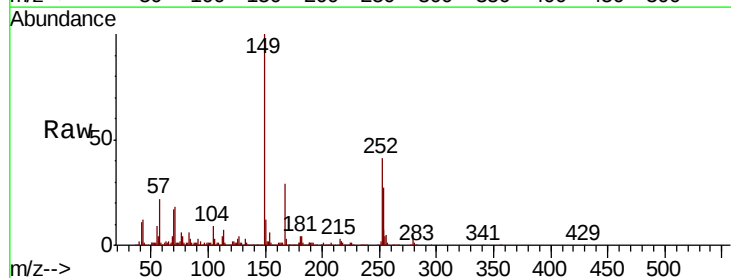
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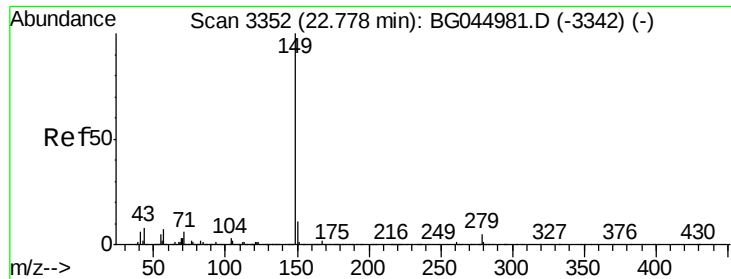
mohammad
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#84
Bis(2-ethylhexyl)phthalate
Concen: 44.081 ng
RT: 21.54 min Scan# 3141
Delta R.T. -0.00 min
Lab File: BG045206.D
Acq: 29 Apr 2020 15:39

Tgt Ion	Ratio	Lower	Upper
149	100		
167	29.1	23.4	35.0
279	5.2	4.3	6.5





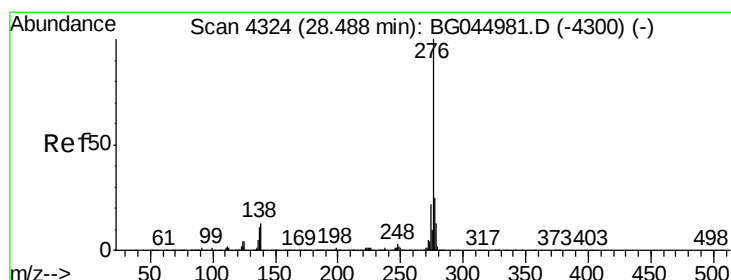
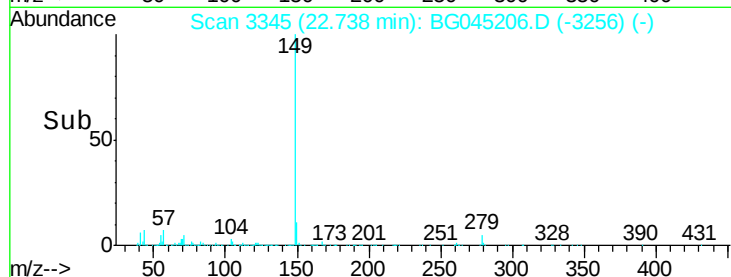
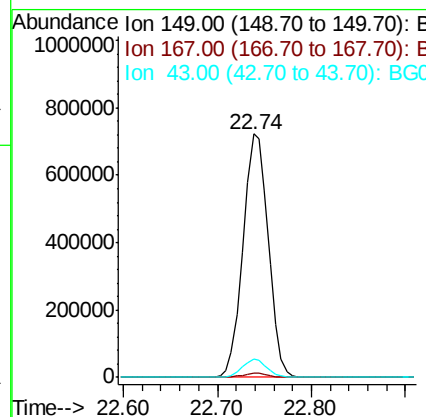
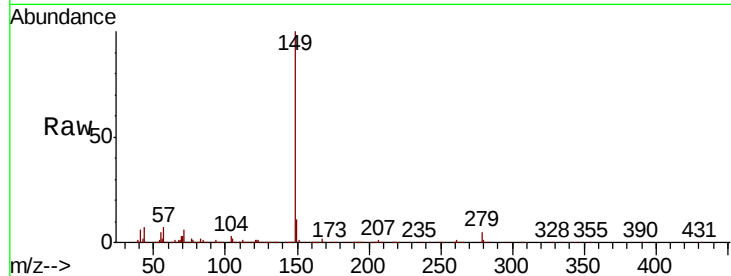
#85
Di-n-octyl phthalate
Concen: 43.768 ng
RT: 22.74 min Scan# 3345
Delta R.T. -0.01 min
Lab File: BG045206.D
Acq: 29 Apr 2020 15:39

Instrument :
BNA_G
ClientSampleId :
PB128538BSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.4	2.2
43	7.0	5.7	8.5

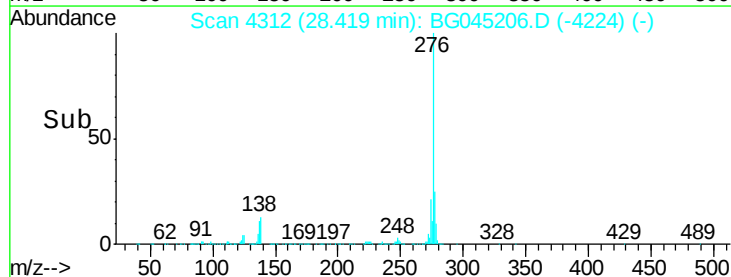
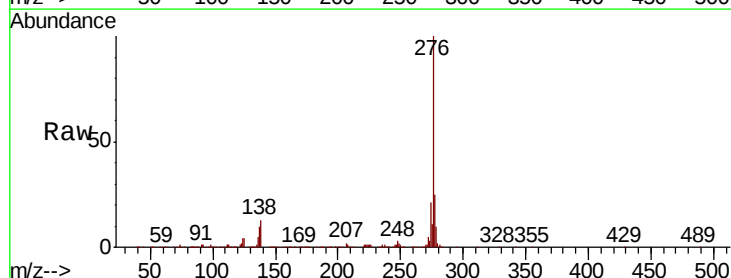
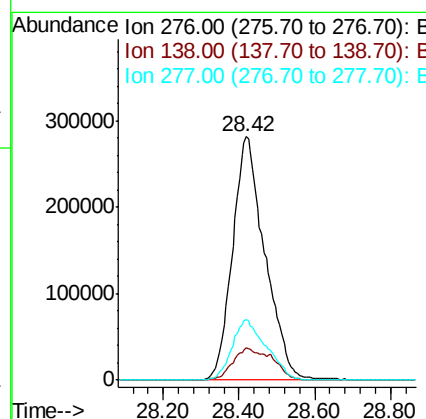
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#86
Indeno(1,2,3-cd)pyrene
Concen: 45.009 ng
RT: 28.42 min Scan# 4312
Delta R.T. -0.01 min
Lab File: BG045206.D
Acq: 29 Apr 2020 15:39

Tgt Ion	Ratio	Lower	Upper
276	100		
138	15.9	9.6	14.4#
277	26.2	20.6	31.0





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.81 min Scan# 3698

Delta R.T. -0.01 min

Lab File: BG045206.D

Acq: 29 Apr 2020 15:39

Instrument :

BNA_G

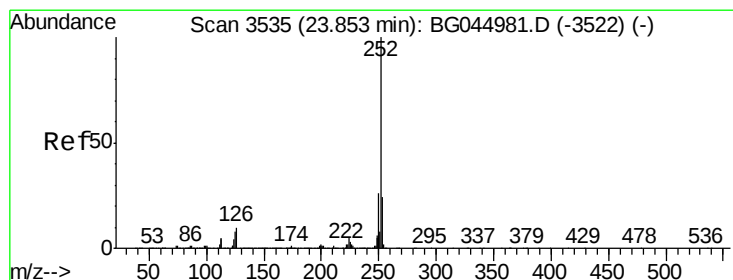
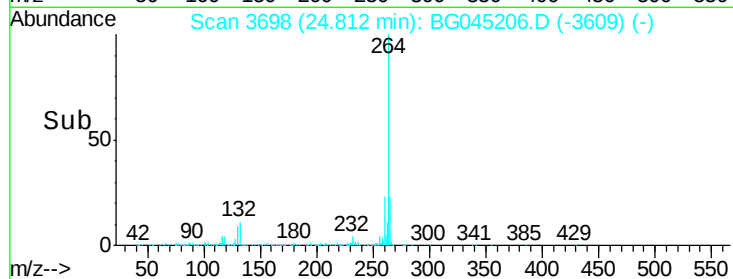
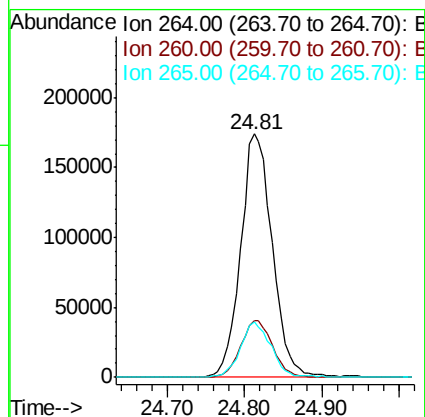
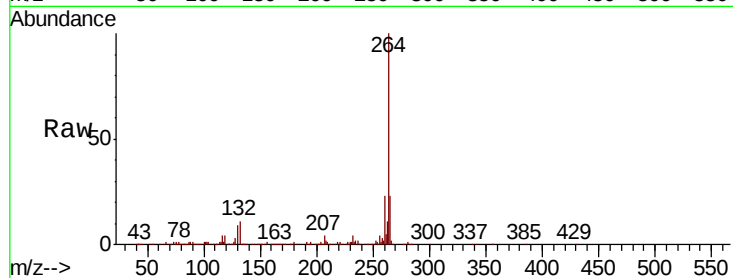
ClientSampleId :

PB128538BSD

Tot Ion:	264	Resp:	499892
Ion Ratio	Lower	Upper	
264	100		
260	23.2	19.2	28.8
265	22.7	19.0	28.4

Manual Integrations
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#88

Benzo(b)fluoranthene

Concen: 45.672 ng

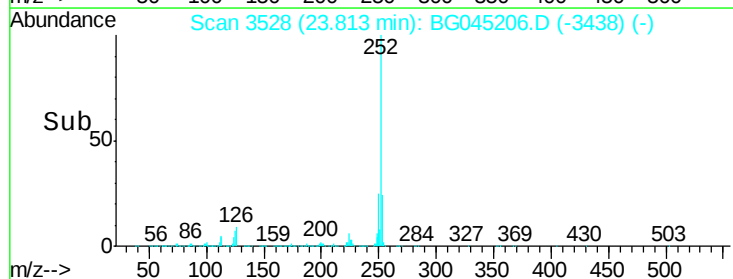
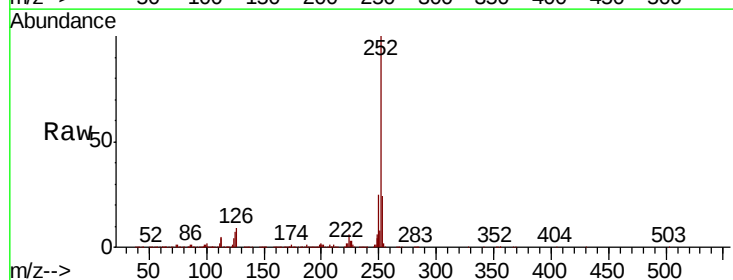
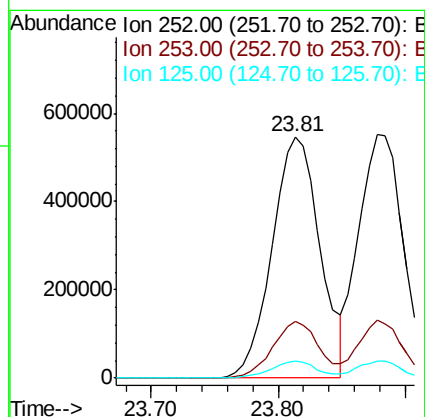
RT: 23.81 min Scan# 3528

Delta R.T. -0.00 min

Lab File: BG045206.D

Acq: 29 Apr 2020 15:39

Tgt Ion:	252	Resp:	1430125
Ion Ratio	Lower	Upper	
252	100		
253	23.6	18.8	28.2
125	6.9	6.2	9.4





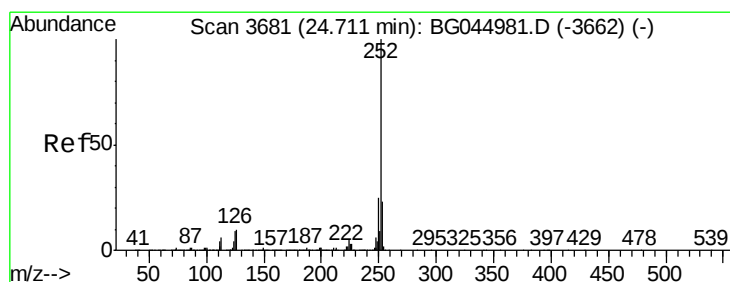
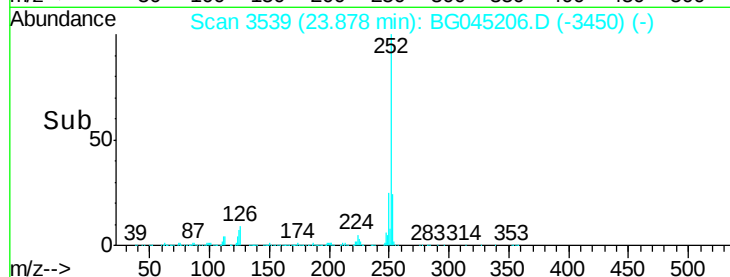
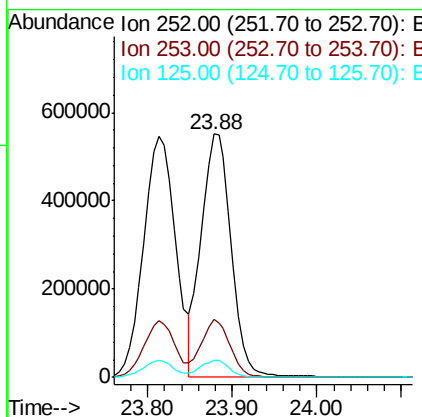
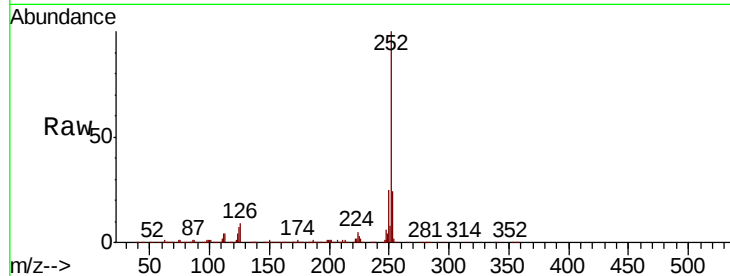
#89
Benzo(k)fluoranthene
Concen: 45.589 ng
RT: 23.88 min Scan# 3539
Delta R.T. -0.01 min
Lab File: BG045206.D
Acq: 29 Apr 2020 15:39

Instrument :
BNA_G
ClientSampleId :
PB128538BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.7	19.2	28.8
125	7.2	5.9	8.9

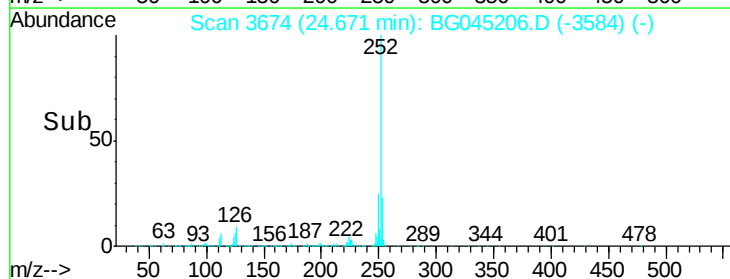
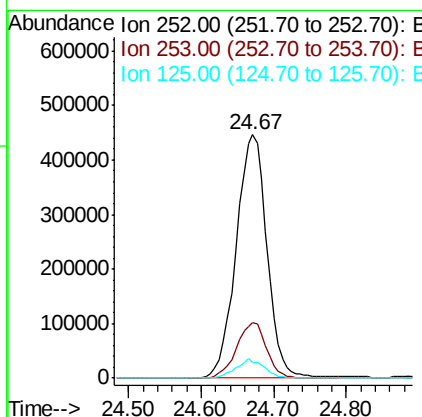
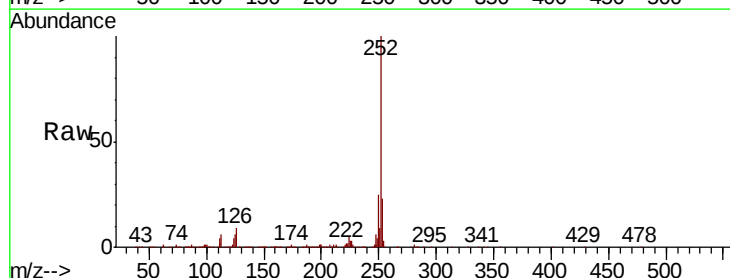
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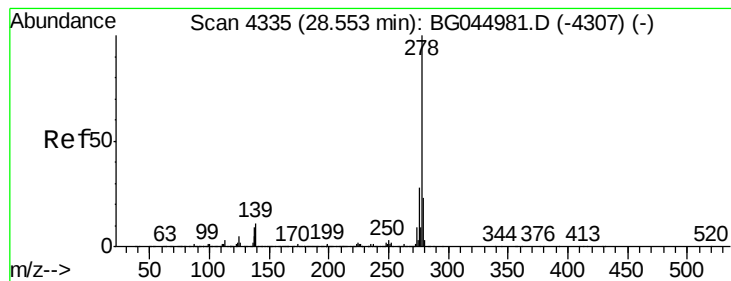
mohammad
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#90
Benzo(a)pyrene
Concen: 44.450 ng
RT: 24.67 min Scan# 3674
Delta R.T. -0.00 min
Lab File: BG045206.D
Acq: 29 Apr 2020 15:39

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.3	27.5
125	6.3	7.0	10.6





#91

Dibenzo(a,h)anthracene

Concen: 45.053 ng

RT: 28.48 min Scan# 4323

Delta R.T. -0.00 min

Lab File: BG045206.D

Acq: 29 Apr 2020 15:39

Instrument :

BNA_G

ClientSampleId :

PB128538BSD

Tot Ion:278 Resp: 1342153

Ion Ratio Lower Upper

278 100

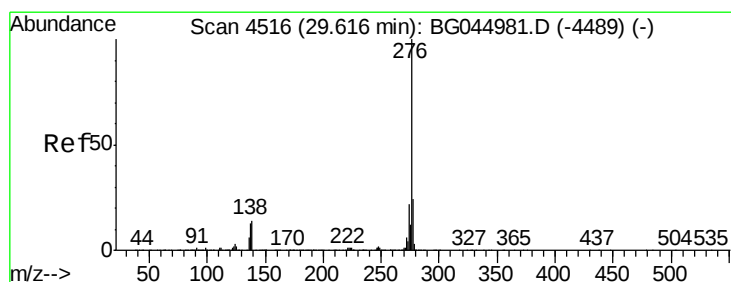
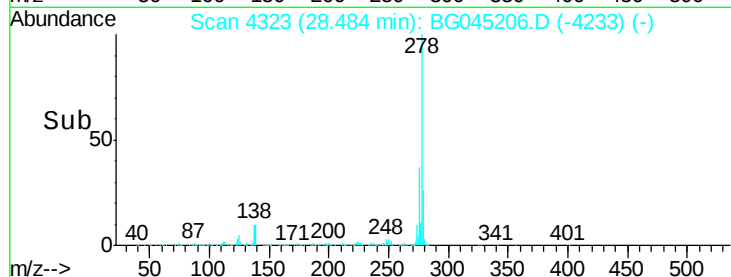
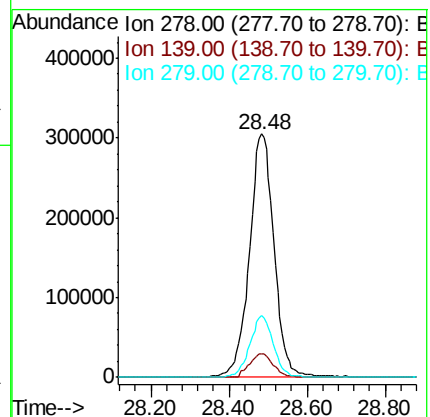
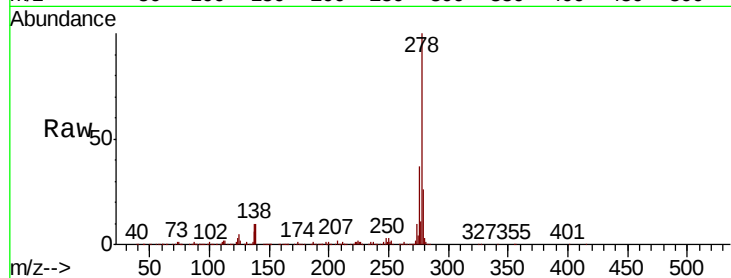
139 9.8 9.0 13.6

279 25.6 18.4 27.6

Manual Integrations
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#92

Benzo(g,h,i)perylene

Concen: 45.418 ng

RT: 29.55 min Scan# 4504

Delta R.T. -0.01 min

Lab File: BG045206.D

Acq: 29 Apr 2020 15:39

Tgt Ion:276 Resp: 1356490

Ion Ratio Lower Upper

276 100

277 23.4 19.3 28.9

138 13.4 11.4 17.2

