

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG051220\
 Data File : BG045340.D
 Acq On : 12 May 2020 22:25
 Operator : CG/JU
 Sample : PB128808BSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB128808BSD

Manual Integrations
 APPROVED

mohammad
 5/14/2020 11:53:50 AM

Quant Time: May 13 01:57:39 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 12 15:48:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.97	152	62905	20.00	ng	0.00
21) Naphthalene-d8	10.78	136	255237	20.00	ng	0.00
39) Acenaphthene-d10	14.62	164	186777	20.00	ng	0.00
64) Phenanthrene-d10	17.36	188	452354	20.00	ng	0.00
76) Chrysene-d12	21.63	240	415005	20.00	ng	0.00
87) Perylene-d12	24.79	264	459521	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.54	112	308013	80.84	ng	0.00
7) Phenol-d6	7.14	99	435710	76.97	ng	0.00
23) Nitrobenzene-d5	9.13	82	395771	70.75	ng	0.00
42) 2,4,6-Tribromophenol	16.11	330	216535	75.04	ng	0.00
45) 2-Fluorobiphenyl	13.24	172	943539	74.07	ng	0.00
79) Terphenyl-d14	19.98	244	1663242	87.35	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.42	88	43544	25.715	ng	95
3) Pyridine	3.82	79	112407	21.560	ng	95
4) n-Nitrosodimethylamine	3.73	42	56415	35.322	ng	94
6) Aniline	7.29	93	225658	30.658	ng	99
8) 2-Chlorophenol	7.54	128	165870	40.506	ng	99
9) Benzaldehyde	7.10	77	116804	35.337	ng	98
10) Phenol	7.17	94	222527	39.282	ng	96
11) bis(2-Chloroethyl)ether	7.39	93	149614	33.172	ng	96
12) 1,3-Dichlorobenzene	7.86	146	167520	34.716	ng	97
13) 1,4-Dichlorobenzene	8.01	146	166940	34.720	ng	98
14) 1,2-Dichlorobenzene	8.33	146	161449	35.098	ng	96
15) Benzyl Alcohol	8.21	79	173080	36.466	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.50	45	136586	30.850	ng	96
17) 2-Methylphenol	8.42	107	151101	34.571	ng	97
18) Hexachloroethane	9.06	117	64202	35.519	ng	98
19) n-Nitroso-di-n-propylamine	8.78	70	138385	34.566	ng	96
20) 3+4-Methylphenols	8.75	107	213187	34.847	ng	96
22) Acetophenone	8.79	105	252219	36.541	ng	98
24) Nitrobenzene	9.17	77	204343	35.638	ng	98
25) Isophorone	9.70	82	395782	34.550	ng	99
26) 2-Nitrophenol	9.89	139	95573	38.696	ng	96
27) 2,4-Dimethylphenol	9.96	122	163479	41.715	ng	98
28) bis(2-Chloroethoxy)methane	10.19	93	213677	35.502	ng	97
29) 2,4-Dichlorophenol	10.43	162	175883	38.868	ng	98
30) 1,2,4-Trichlorobenzene	10.64	180	181441	35.414	ng	94
31) Naphthalene	10.83	128	500012	35.811	ng	99
32) Benzoic acid	10.10	122	76059	27.208	ng	98
33) 4-Chloroaniline	10.94	127	148595	22.820	ng	97
34) Hexachlorobutadiene	11.12	225	121944	34.715	ng	95
35) Caprolactam	11.70	113	66325m	36.827	ng	
36) 4-Chloro-3-methylphenol	12.07	107	208641	39.249	ng	97
37) 2-Methylnaphthalene	12.44	142	384464	35.475	ng	96
38) 1-Methylnaphthalene	12.66	142	373867m	36.542	ng	
40) 1,2,4,5-Tetrachlorobenzene	12.82	216	216576	36.014	ng	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.80	237	290944	77.406	nq	99
43) 2,4,6-Trichlorophenol	13.05	196	161244	37.991	nq	93
44) 2,4,5-Trichlorophenol	13.13	196	175323	36.291	nq	98
46) 1,1'-Biphenyl	13.45	154	511335	36.019	nq	99
47) 2-Chloronaphthalene	13.49	162	388948	35.856	nq	99
48) 2-Nitroaniline	13.69	65	132794	37.208	nq	96
49) Acenaphthylene	14.34	152	675434	38.227	nq	100
50) Dimethylphthalate	14.07	163	566975	37.281	nq	98
51) 2,6-Dinitrotoluene	14.19	165	128096	37.657	nq	97
52) Acenaphthene	14.68	154	481457m	40.273	nq	
53) 3-Nitroaniline	14.51	138	98465	26.392	nq	99
54) 2,4-Dinitrophenol	14.73	184	126373	62.477	nq	94
55) Dibenzofuran	15.01	168	651890	37.402	nq	98
56) 4-Nitrophenol	14.84	139	210252	72.683	nq	97
57) 2,4-Dinitrotoluene	14.98	165	184210	37.056	nq	97
58) Fluorene	15.67	166	537712	37.770	nq	100
59) 2,3,4,6-Tetrachlorophenol	15.25	232	170465	39.656	nq	99
60) Diethylphthalate	15.44	149	581427	36.669	nq	100
61) 4-Chlorophenyl-phenylether	15.66	204	297453	36.300	nq	98
62) 4-Nitroaniline	15.68	138	126819	32.773	nq	97
63) Azobenzene	15.95	77	549250	37.572	nq	99
65) 4,6-Dinitro-2-methylphenol	15.75	198	111564	37.521	nq	98
66) n-Nitrosodiphenylamine	15.87	169	486853	37.459	nq	100
67) 4-Bromophenyl-phenylether	16.55	248	205368	35.192	nq	98
68) Hexachlorobenzene	16.68	284	221470	36.592	nq	98
69) Atrazine	16.82	200	188990	39.258	nq	98
70) Pentachlorophenol	17.02	266	260490	70.158	nq	96
71) Phenanthrene	17.41	178	888109	38.206	nq	99
72) Anthracene	17.50	178	909805	39.018	nq	99
73) Carbazole	17.76	167	844135	35.674	nq	97
74) Di-n-butylphthalate	18.33	149	1013866	38.482	nq	99
75) Fluoranthene	19.42	202	1101690	39.579	nq	99
77) Benzidine	19.60	184	649166	55.380	nq	97
78) Pyrene	19.78	202	1100358	38.460	nq	98
80) Butylbenzylphthalate	20.66	149	448336	37.804	nq	97
81) Benzo(a)anthracene	21.61	228	1035314	38.490	nq	99
82) 3,3'-Dichlorobenzidine	21.52	252	280672	26.216	nq	97
83) Chrysene	21.68	228	991401	38.361	nq	100
84) Bis(2-ethylhexyl)phthalate	21.52	149	630884	38.679	nq	96
85) Di-n-octyl phthalate	22.72	149	1075266	38.122	nq	100
86) Indeno(1,2,3-cd)pyrene	28.38	276	1309348	38.159	nq	# 97
88) Benzo(b)fluoranthene	23.79	252	1107850	38.488	nq	97
89) Benzo(k)fluoranthene	23.85	252	1065166	38.912	nq	98
90) Benzo(a)pyrene	24.64	252	1024123	37.684	nq	# 98
91) Dibenzo(a,h)anthracene	28.45	278	1065734	38.917	nq	98
92) Benzo(g,h,i)perylene	29.50	276	1080450	39.354	nq	99

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



#1

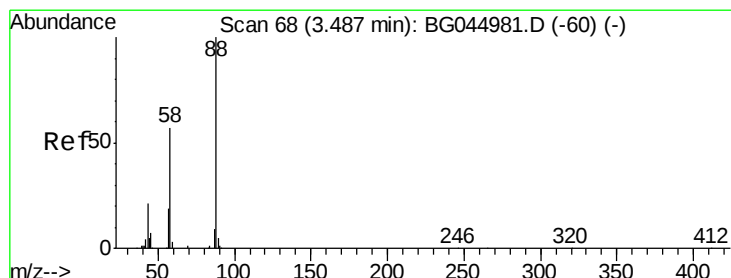
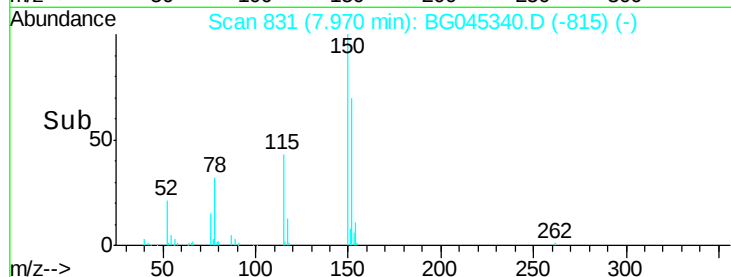
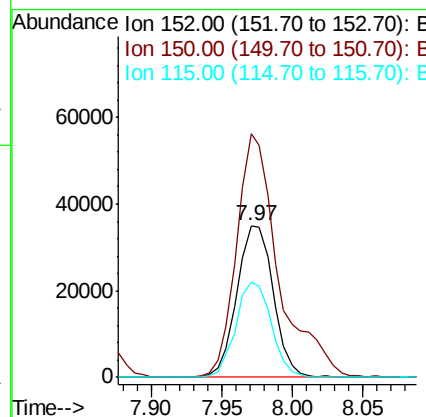
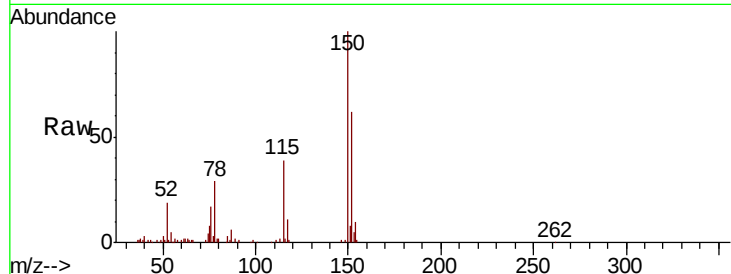
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.97 min Scan# 831
Delta R.T. -0.01 min
Lab File: BG045340.D
Acq: 12 May 2020 22:25

Instrument :
BNA_G
ClientSampleId :
PB128808BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.2	123.6	185.4
115	62.4	49.1	73.7

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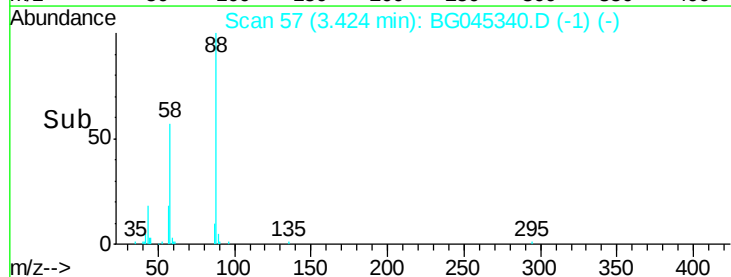
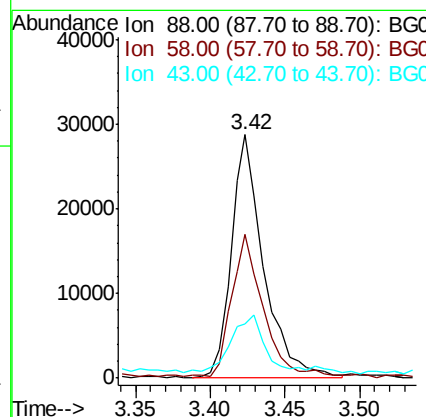
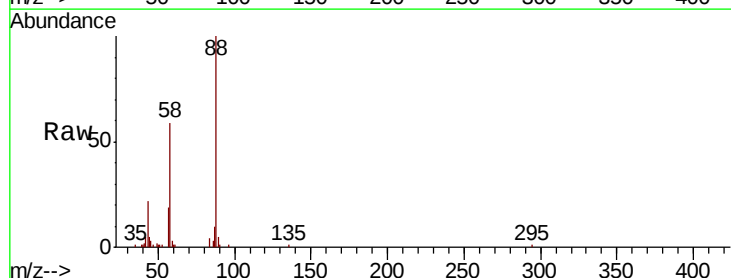
mohammad
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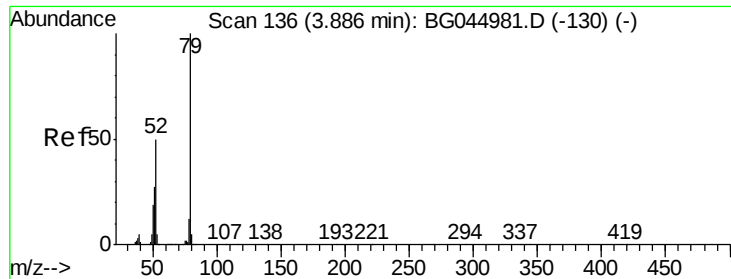


#2

1,4-Dioxane
Concen: 25.715 ng
RT: 3.42 min Scan# 57
Delta R.T. -0.00 min
Lab File: BG045340.D
Acq: 12 May 2020 22:25

Tgt Ion	Ratio	Lower	Upper
88	100		
58	54.9	46.6	69.8
43	24.7	17.5	26.3





#3

Pvridine

Concen: 21.560 ng

RT: 3.82 min Scan# 125

Delta R.T. -0.00 min

Lab File: BG045340.D

Acq: 12 May 2020 22:25

Instrument :

BNA_G

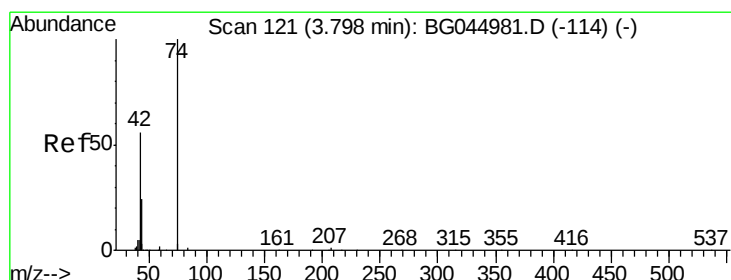
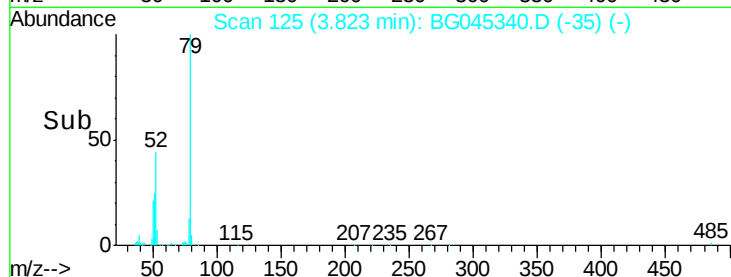
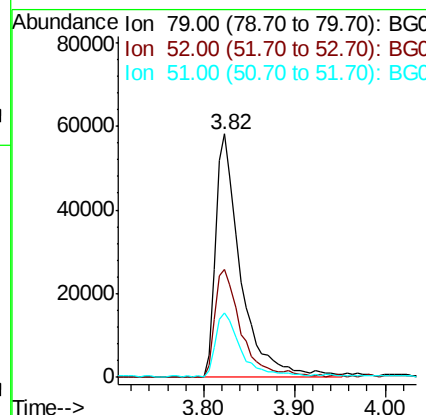
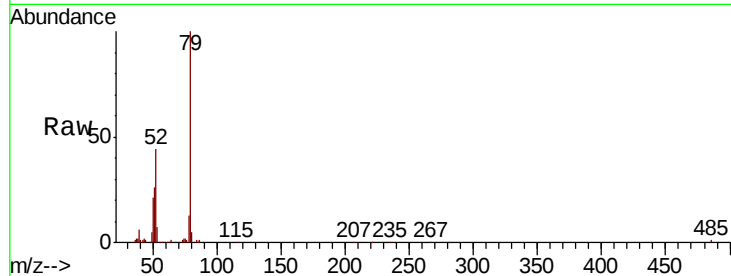
ClientSampleId :

PB128808BSD

Tot Ion:	79	Resp:	112407
Ion	Ratio	Lower	Upper
79	100		
52	44.3	39.8	59.6
51	26.3	21.4	32.2

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#4

n-Nitrosodimethylamine

Concen: 35.322 ng

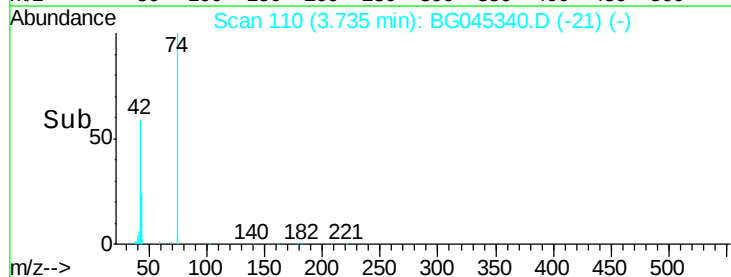
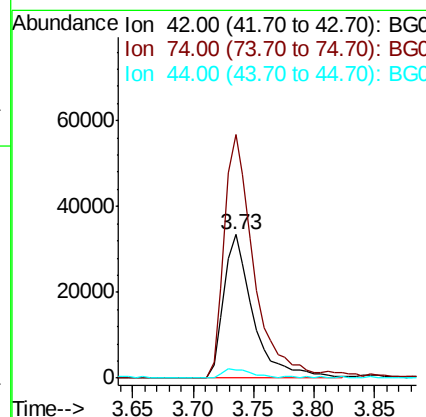
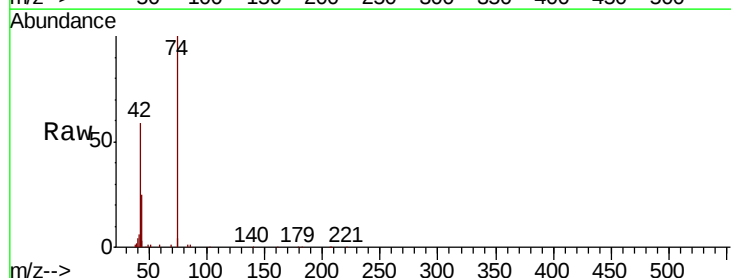
RT: 3.73 min Scan# 110

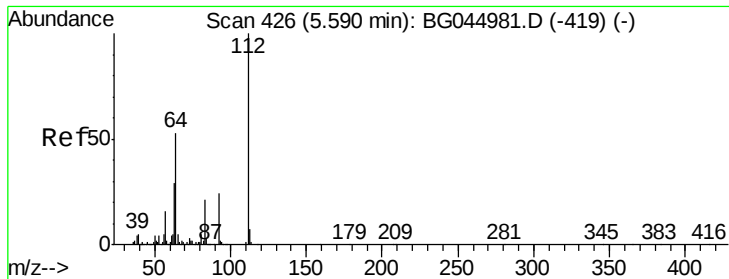
Delta R.T. -0.01 min

Lab File: BG045340.D

Acq: 12 May 2020 22:25

Tgt Ion:	42	Resp:	56415
Ion	Ratio	Lower	Upper
42	100		
74	169.5	143.0	214.6
44	5.4	4.6	6.8





#5

2-Fluorophenol

Concen: 80.838 ng

RT: 5.54 min Scan# 418

Delta R.T. 0.00 min

Lab File: BG045340.D

Acq: 12 May 2020 22:25

Instrument :

BNA_G

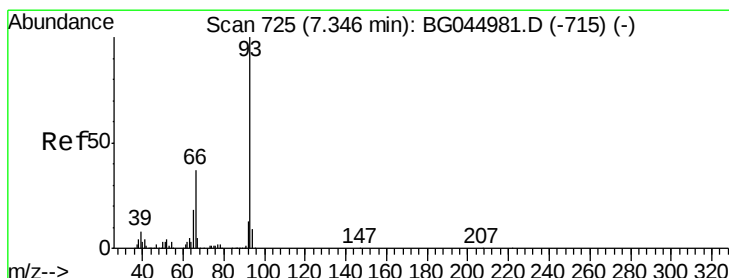
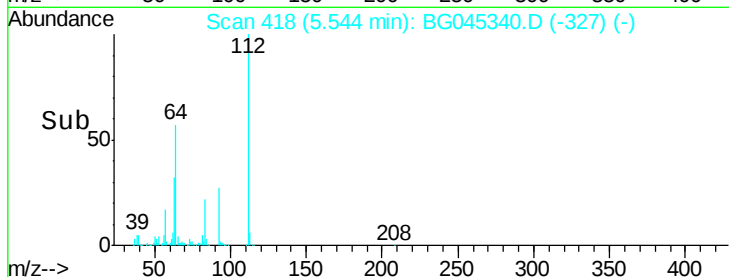
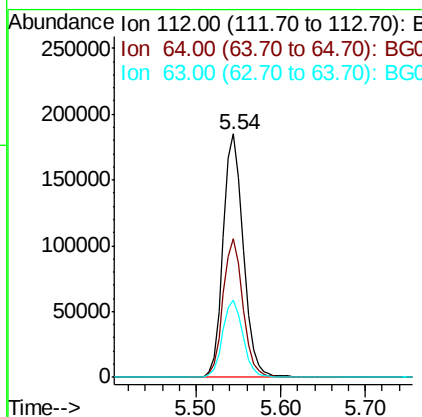
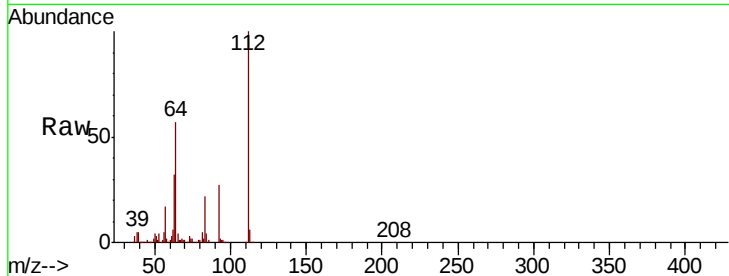
ClientSampleId :

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Tot Ion	Ion	Ratio	Resp	Lower	Upper
112	100		308013		
64	57.1	42.4	63.6		
63	31.6	23.1	34.7		

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#6

Aniline

Concen: 30.658 ng

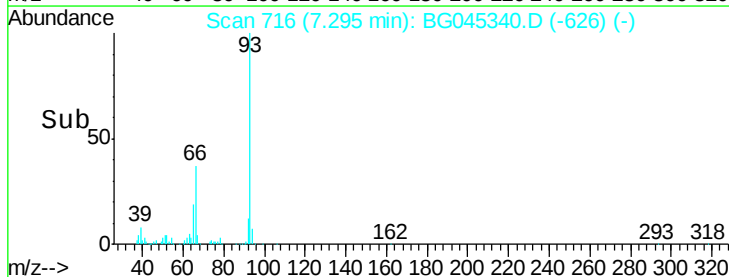
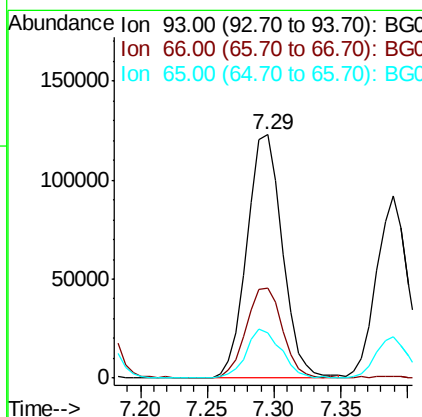
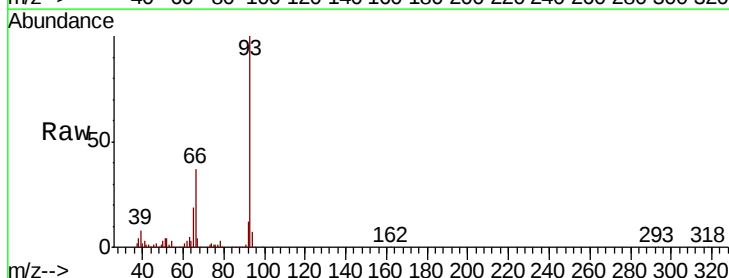
RT: 7.29 min Scan# 716

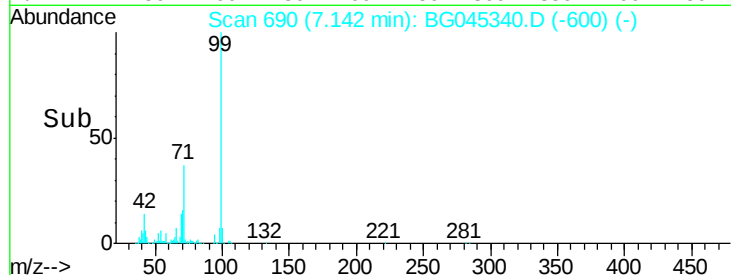
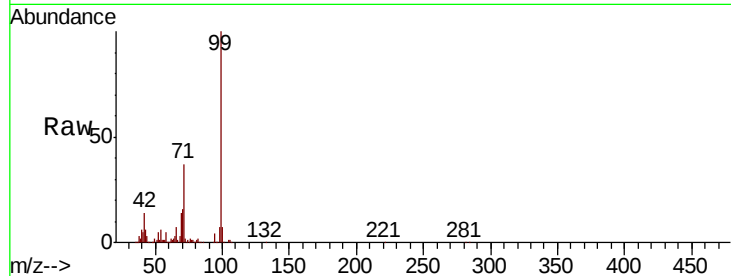
Delta R.T. -0.00 min

Lab File: BG045340.D

Acq: 12 May 2020 22:25

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		225658		
66	36.8	29.8	44.8		
65	18.6	14.6	22.0		





#7

Phenol-d6

Concen: 76.966 ng

RT: 7.14 min Scan# 690

Delta R.T. -0.00 min

Lab File: BG045340.D

Acq: 12 May 2020 22:25

Tot Ion:	99	Resp:	435710
Ion Ratio	Lower	Upper	
99	100		
42	14.0	11.3	16.9
71	37.3	28.3	42.5

Instrument :

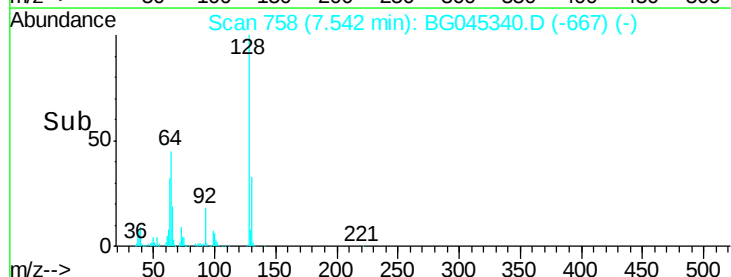
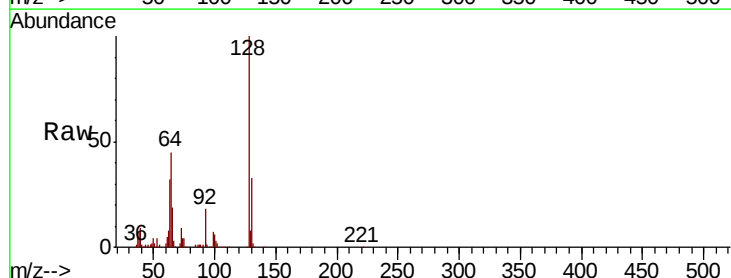
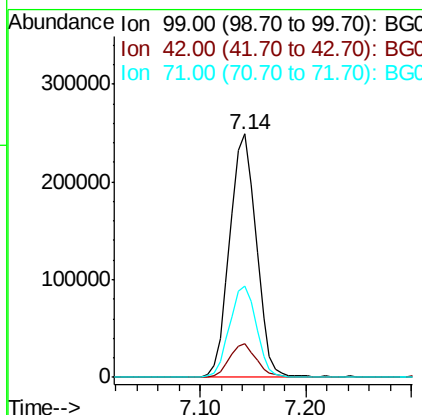
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#8

2-Chlorophenol

Concen: 40.506 ng

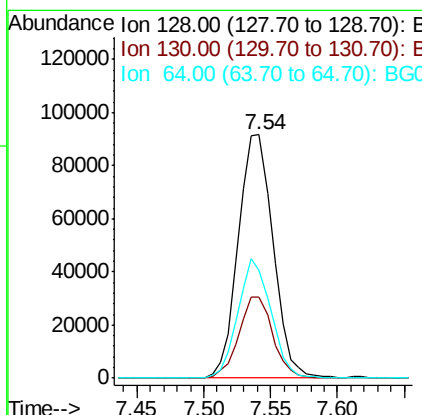
RT: 7.54 min Scan# 758

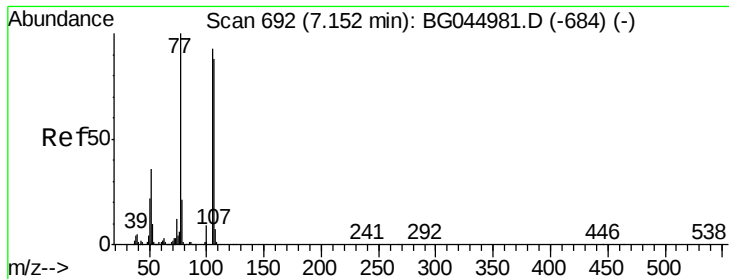
Delta R.T. 0.00 min

Lab File: BG045340.D

Acq: 12 May 2020 22:25

Tgt Ion:	128	Resp:	165870
Ion Ratio	Lower	Upper	
128	100		
130	33.2	12.3	52.3
64	44.5	24.4	64.4





#9

Benzaldehyde

Concen: 35.337 ng

RT: 7.10 min Scan# 683

Delta R.T. -0.01 min

Lab File: BG045340.D

Acq: 12 May 2020 22:25

Instrument :

BNA_G

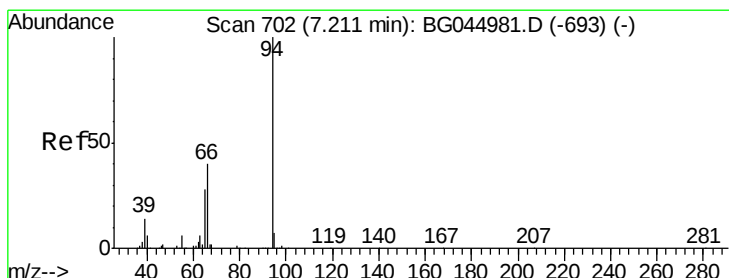
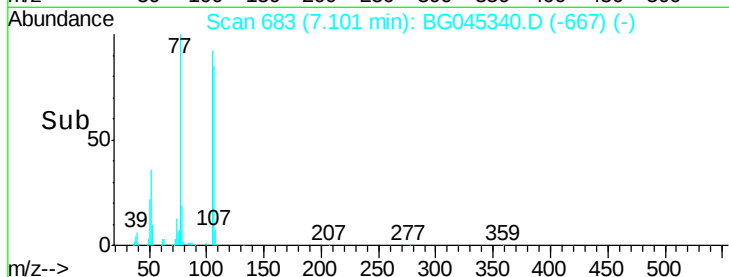
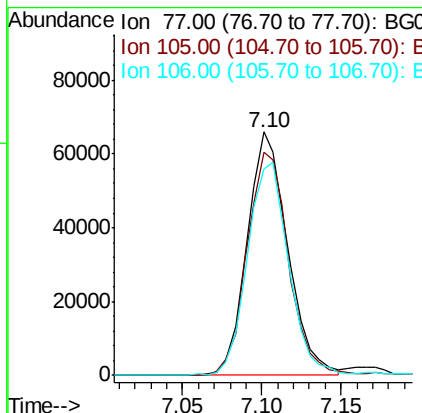
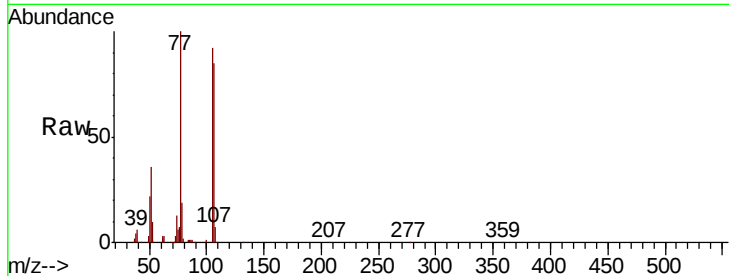
ClientSampleId :

PB128808BSD

Tot Ion:	77	Resp:	116804
Ion Ratio	Lower	Upper	
77	100		
105	91.7	72.9	112.9
106	84.7	67.6	107.6

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#10

Phenol

Concen: 39.282 ng

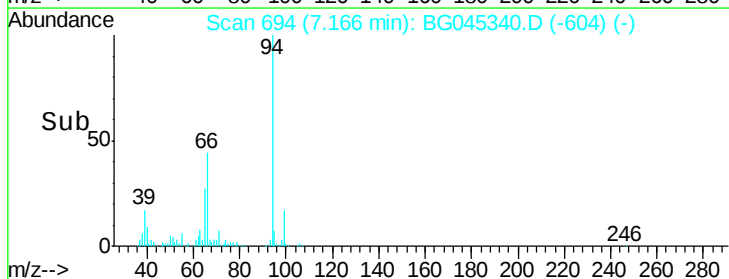
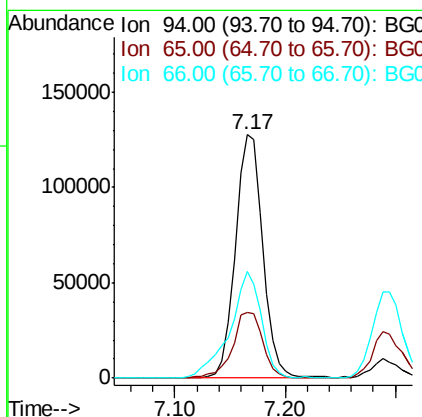
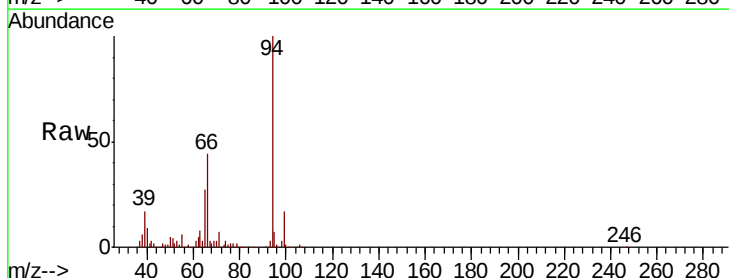
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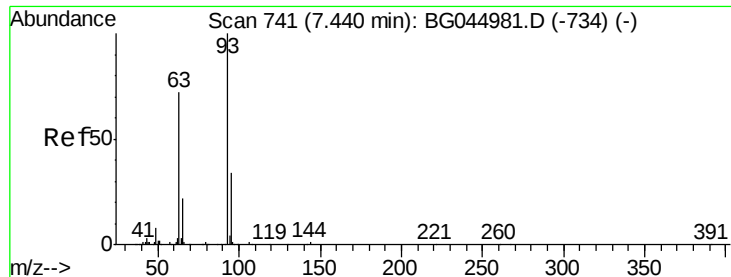
Delta R.T. -0.00 min

Lab File: BG045340.D

Acq: 12 May 2020 22:25

Tgt Ion:	94	Resp:	222527
Ion Ratio	Lower	Upper	
94	100		
65	27.1	8.2	48.2
66	43.8	20.4	60.4





#11

bis(2-Chloroethyl)ether

Concen: 33.172 ng

RT: 7.39 min Scan# 732

Delta R.T. -0.00 min

Lab File: BG045340.D

Acq: 12 May 2020 22:25

Instrument :

BNA_G

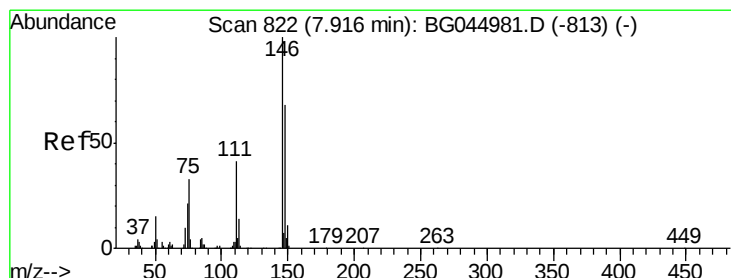
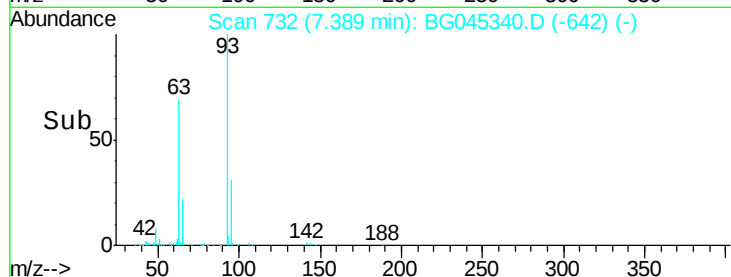
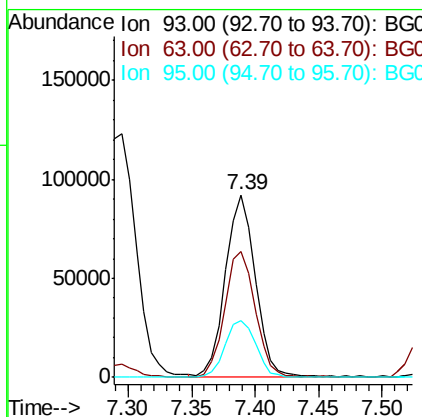
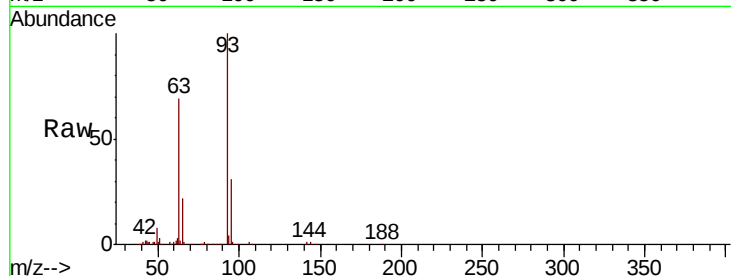
ClientSampleId :

PB128808BSD

Tot Ion:	93	Resp:	149614
Ion	Ratio	Lower	Upper
93	100		
63	68.8	51.8	91.8
95	31.4	13.8	53.8

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#12

1,3-Dichlorobenzene

Concen: 34.716 ng

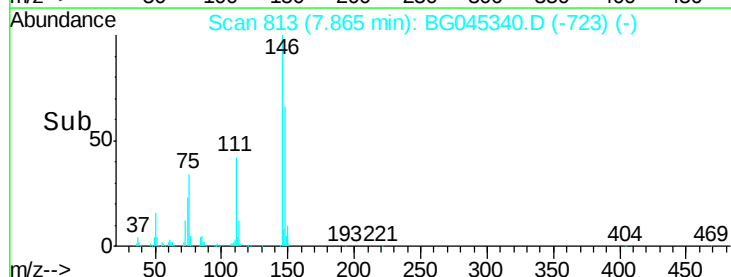
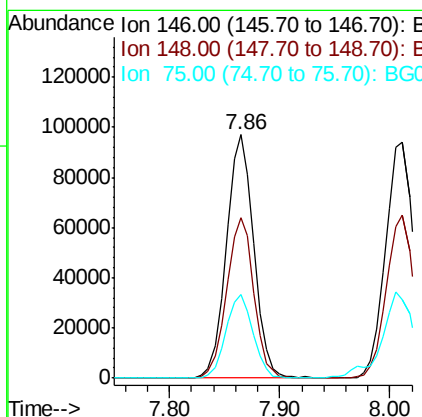
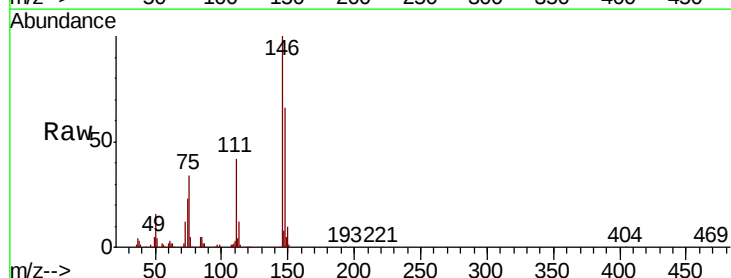
RT: 7.86 min Scan# 813

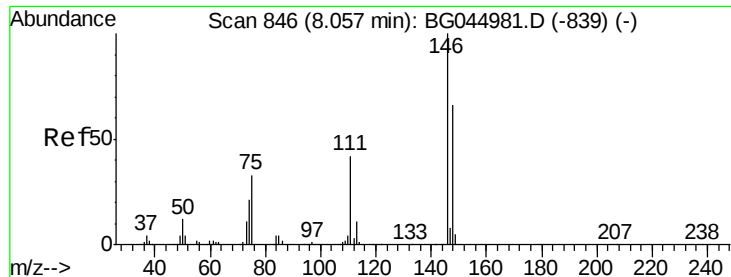
Delta R.T. -0.00 min

Lab File: BG045340.D

Acq: 12 May 2020 22:25

Tgt Ion:	146	Resp:	167520
Ion	Ratio	Lower	Upper
146	100		
148	65.9	54.6	81.8
75	34.2	26.0	39.0





#13

1,4-Dichlorobenzene

Concen: 34.720 ng

RT: 8.01 min Scan# 838

Delta R.T. 0.00 min

Lab File: BG045340.D

Acq: 12 May 2020 22:25

Instrument :

BNA_G

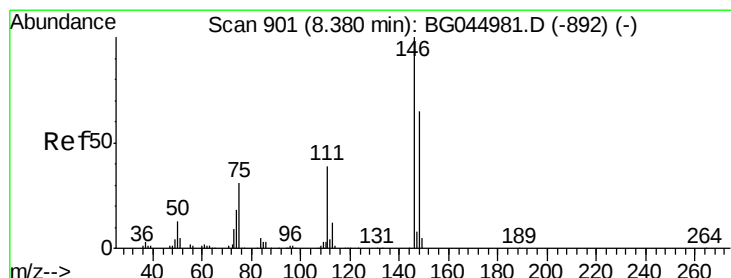
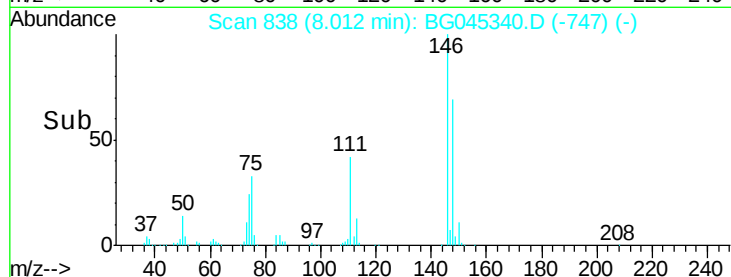
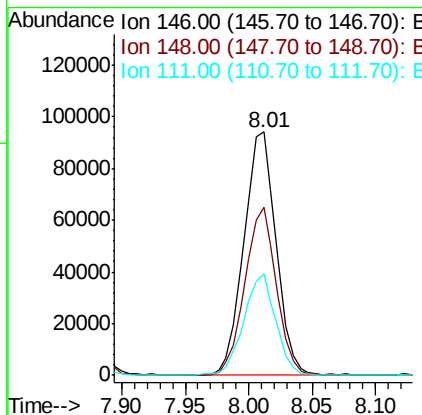
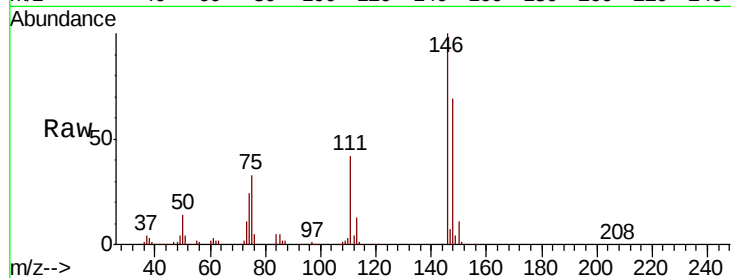
ClientSampleId :

PB128808BSD

Tot Ion:	146	Resp:	166940
Ion Ratio	Lower	Upper	
146	100		
148	68.9	53.3	79.9
111	41.8	33.8	50.8

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#14

1,2-Dichlorobenzene

Concen: 35.098 ng

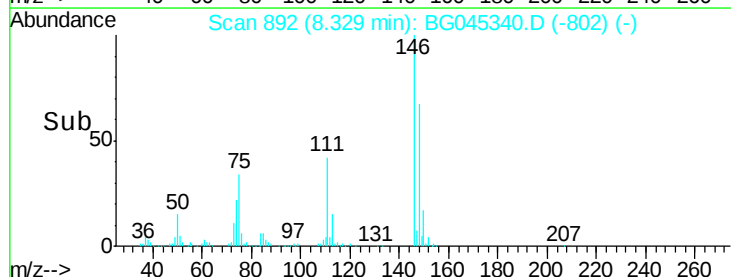
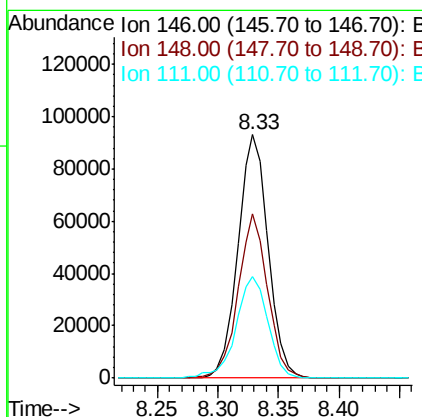
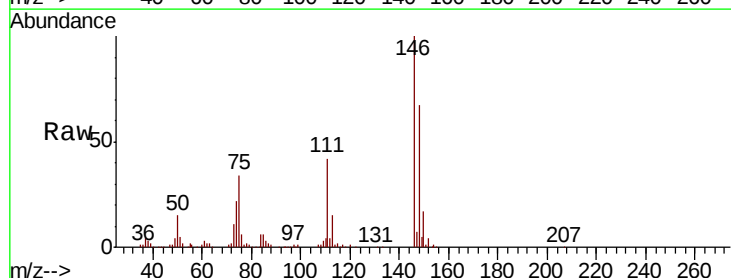
RT: 8.33 min Scan# 892

Delta R.T. -0.00 min

Lab File: BG045340.D

Acq: 12 May 2020 22:25

Tgt Ion:	146	Resp:	161449
Ion Ratio	Lower	Upper	
146	100		
148	67.5	51.9	77.9
111	41.8	31.3	46.9





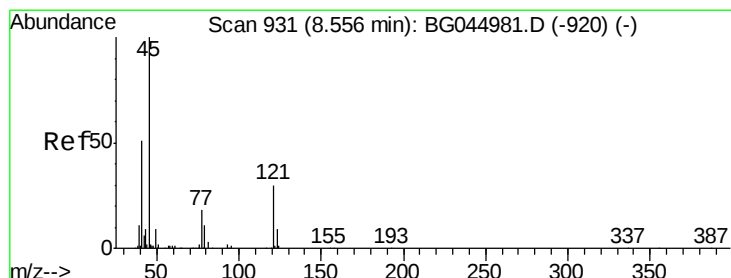
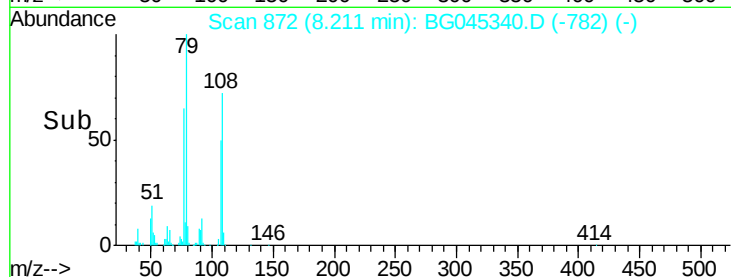
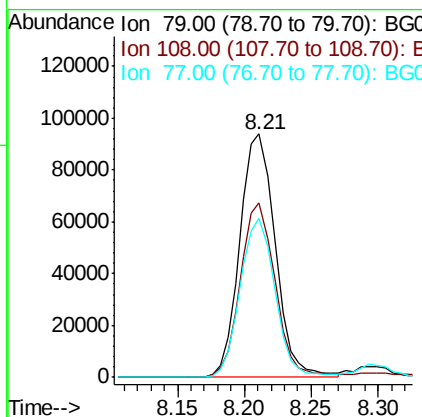
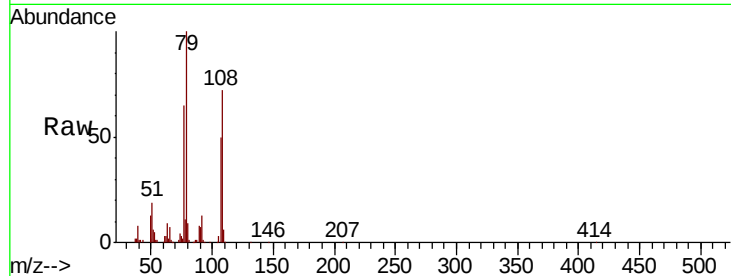
#15
Benzyl Alcohol
Concen: 36.466 ng
RT: 8.21 min Scan# 872
Delta R.T. -0.00 min
Lab File: BG045340.D
Acq: 12 May 2020 22:25

Instrument :
BNA_G
ClientSampleId :
PB128808BSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	71.7	52.7	79.1
77	65.3	51.3	76.9

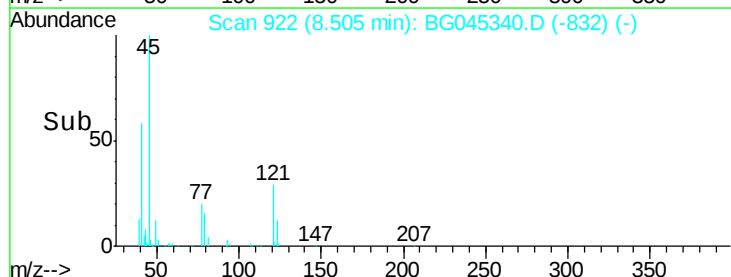
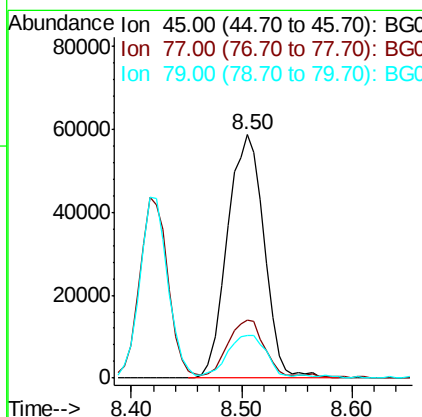
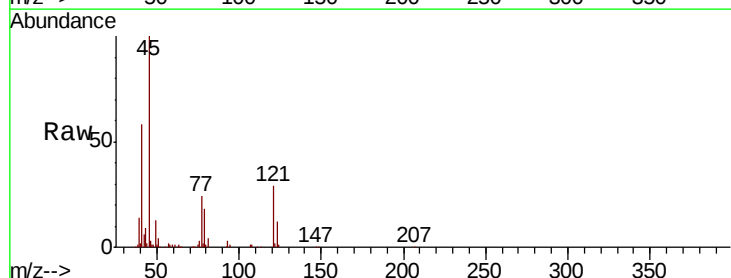
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#16
2,2'-oxybis(1-chloropropane)
Concen: 30.850 ng
RT: 8.50 min Scan# 922
Delta R.T. -0.00 min
Lab File: BG045340.D
Acq: 12 May 2020 22:25

Tgt Ion	Ratio	Lower	Upper
45	100		
77	23.6	1.9	41.9
79	17.5	0.0	35.5





#17

2-Methylphenol

Concen: 34.571 ng

RT: 8.42 min Scan# 908

Delta R.T. 0.00 min

Lab File: BG045340.D

Acq: 12 May 2020 22:25

Instrument :

BNA_G

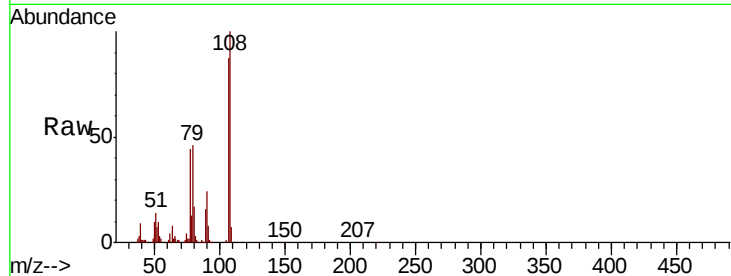
ClientSampleId :

PB128808BSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	114.8	93.8	140.6	
77	50.5	38.5	57.7	
79	52.2	40.1	60.1	

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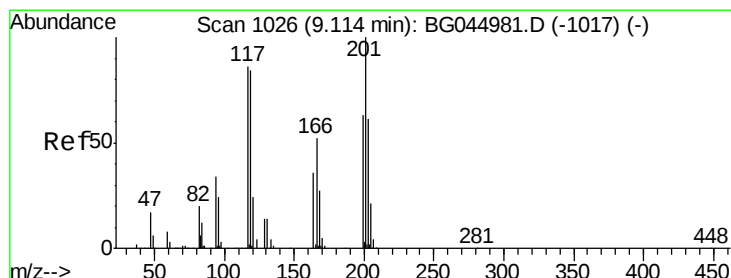
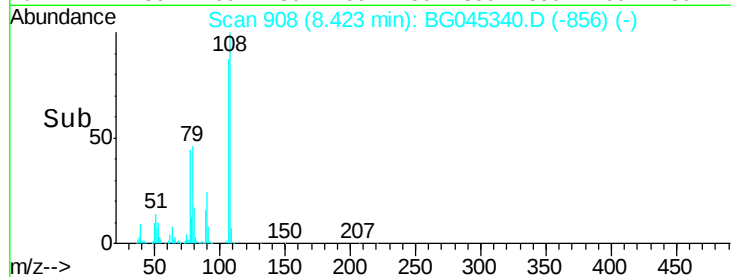
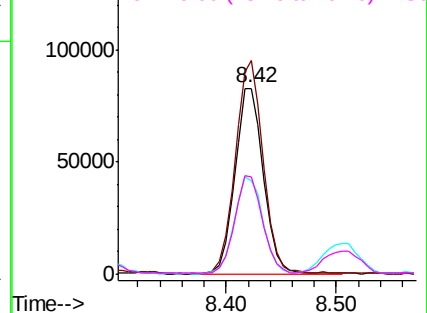
Abundance

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: 35.519 ng

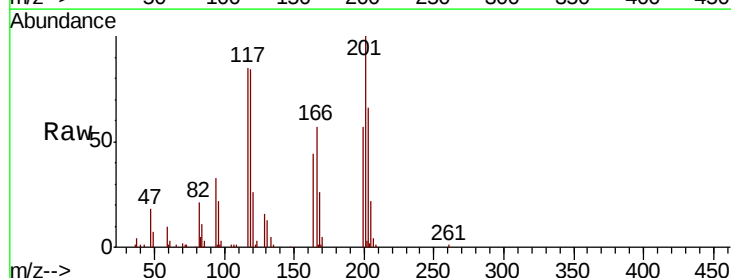
RT: 9.06 min Scan# 1017

Delta R.T. 0.00 min

Lab File: BG045340.D

Acq: 12 May 2020 22:25

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	99.4	78.3	117.5	
201	118.0	92.9	139.3	

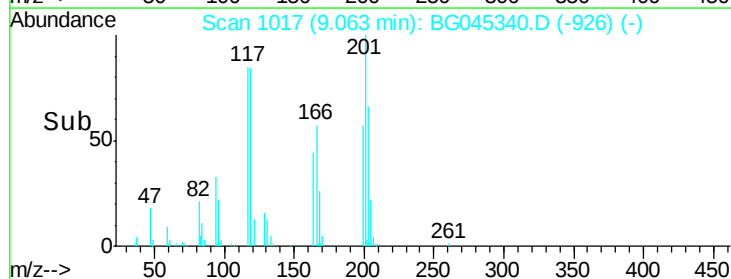
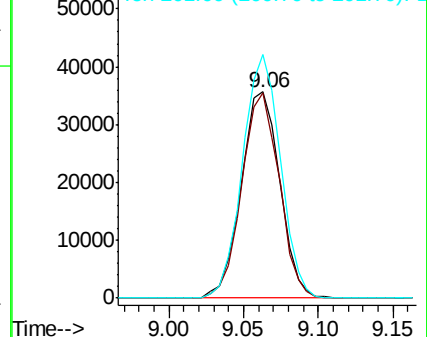


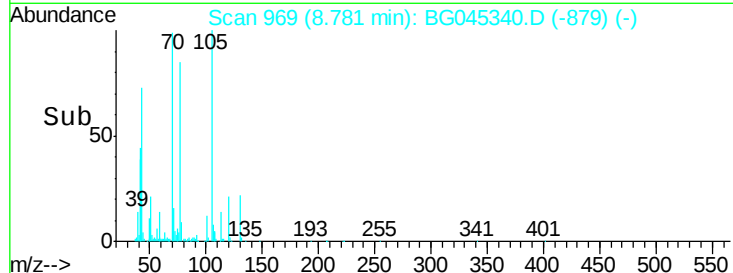
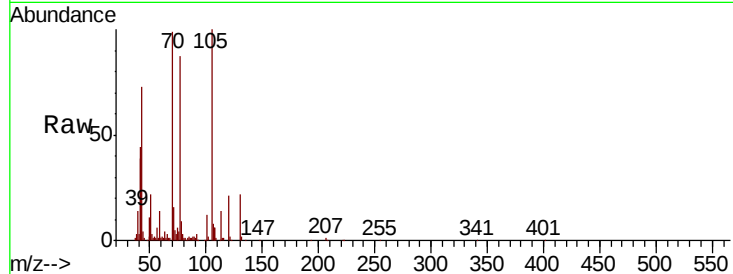
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





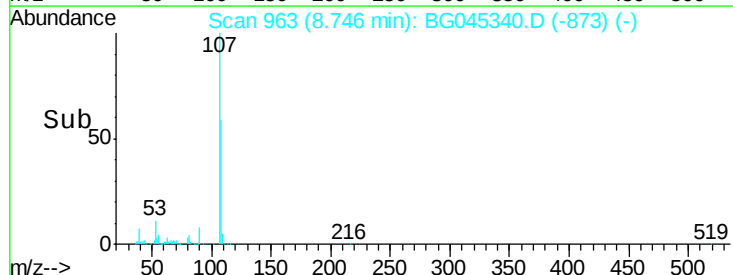
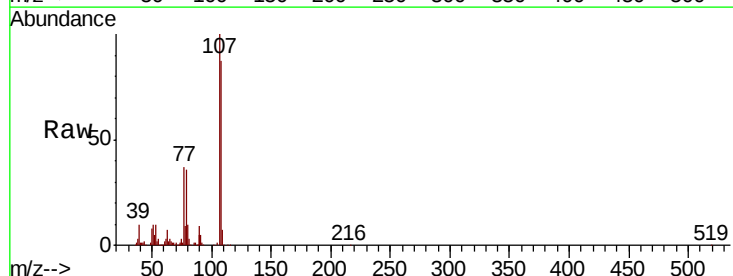
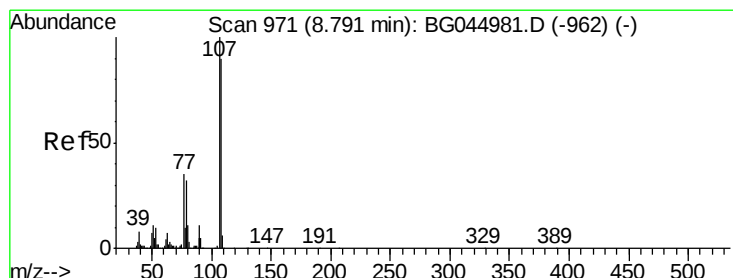
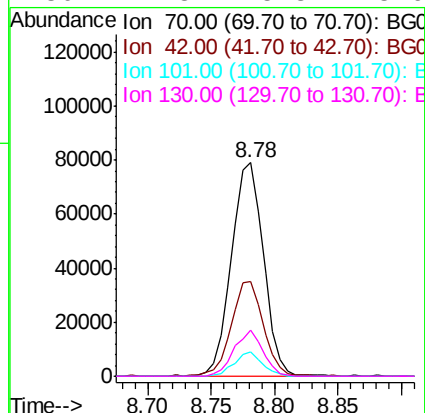
#19
n-Nitroso-di-n-propylamine
Concen: 34.566 ng
RT: 8.78 min Scan# 969
Delta R.T. -0.00 min
Lab File: BG045340.D
Acq: 12 May 2020 22:25

Instrument :
BNA_G
ClientSampleId :
PB128808BSD

Manual Integrations
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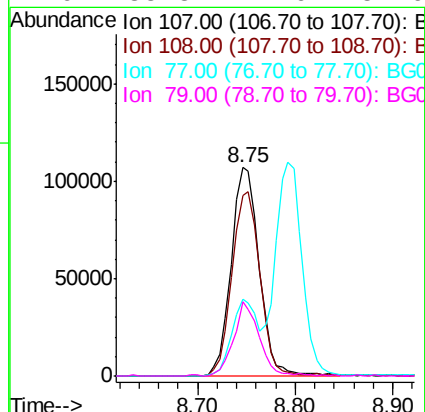
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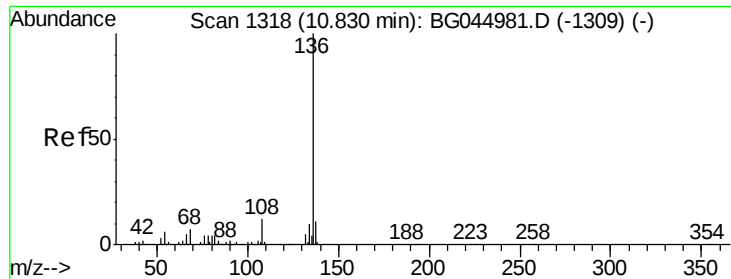
Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	44.2	33.3	49.9	
101	11.6	7.8	11.8	
130	21.8	15.8	23.6	



#20
3+4-Methylphenols
Concen: 34.847 ng
RT: 8.75 min Scan# 963
Delta R.T. -0.00 min
Lab File: BG045340.D
Acq: 12 May 2020 22:25

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	86.9	69.9	109.9	
77	37.1	15.2	55.2	
79	35.8	11.6	51.6	





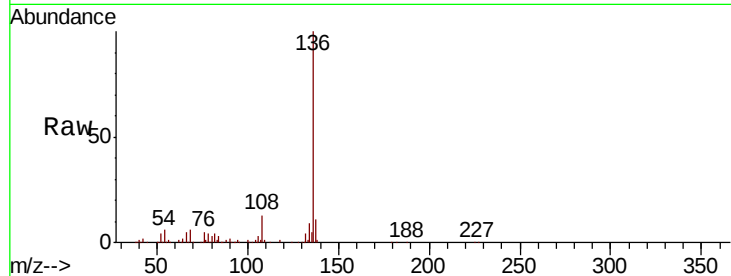
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.78 min Scan# 1310
Delta R.T. -0.00 min
Lab File: BG045340.D
Acq: 12 May 2020 22:25

Instrument :
BNA_G
ClientSampleId :
PB128808BSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	255237		
137	10.8		8.6	13.0
54	5.7		4.8	7.2
68	5.5		5.2	7.8

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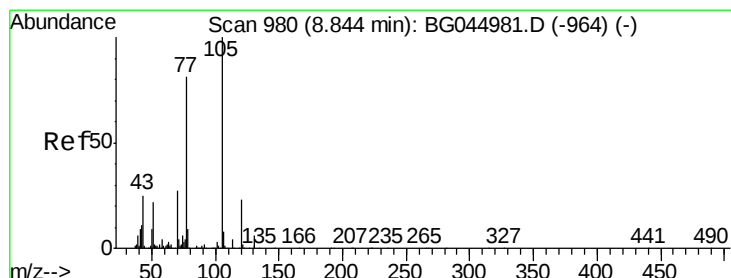
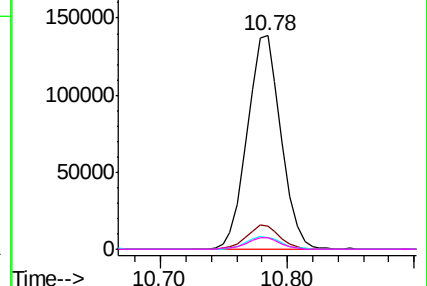
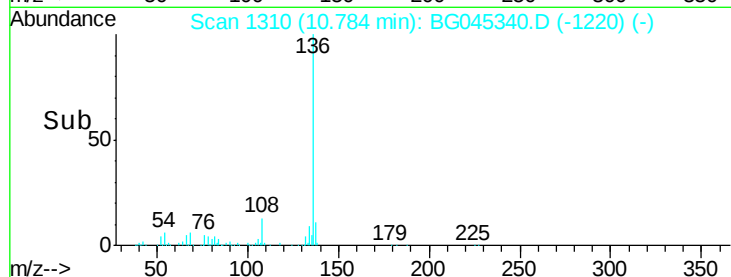
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

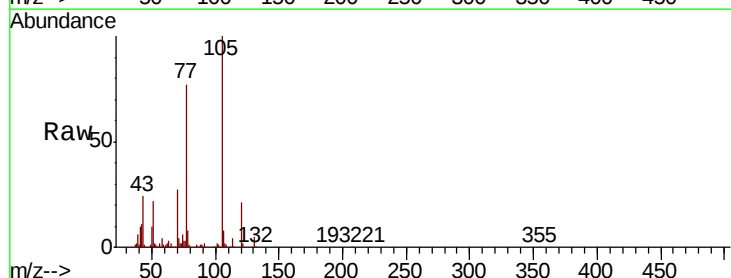
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 36.541 ng
RT: 8.79 min Scan# 971
Delta R.T. -0.00 min
Lab File: BG045340.D
Acq: 12 May 2020 22:25

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	252219		
71	3.7		3.3	4.9
51	21.7		17.3	25.9
120	20.7		18.4	27.6



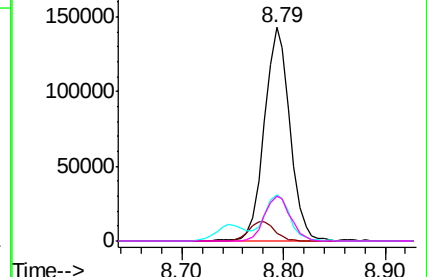
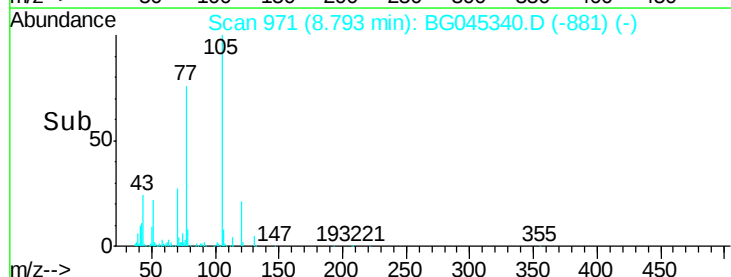
Abundance

Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E





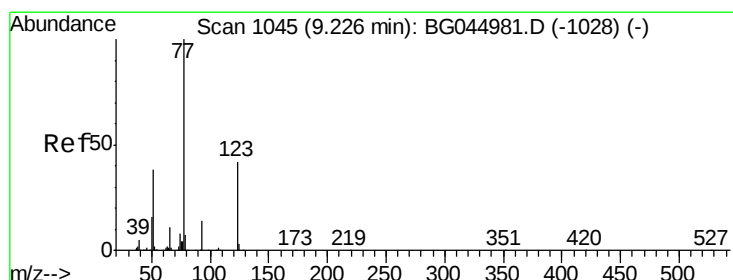
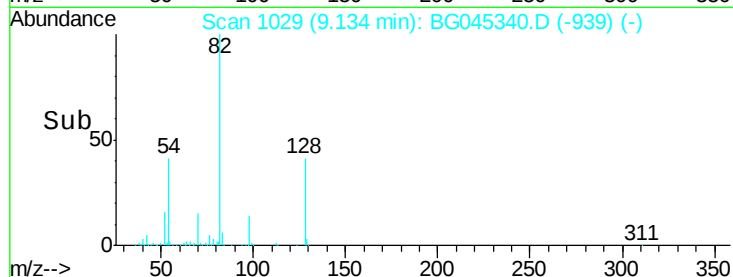
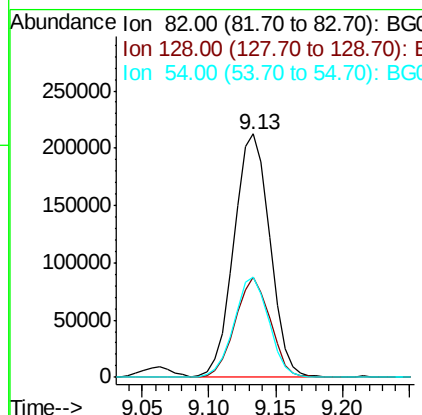
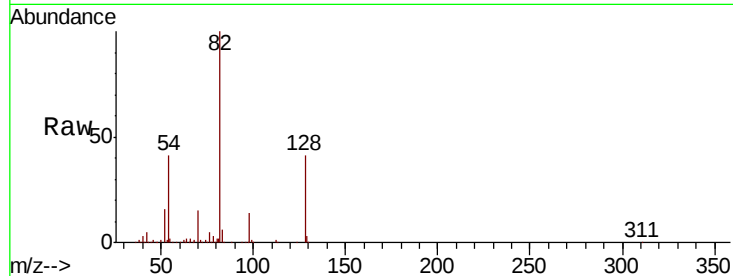
#23
Nitrobenzene-d5
Concen: 70.752 ng
RT: 9.13 min Scan# 1029
Delta R.T. -0.00 min
Lab File: BG045340.D
Acq: 12 May 2020 22:25

Instrument :
BNA_G
ClientSampleId :
PB128808BSD

Tot Ion	82	Resp	395771
Ion Ratio	100	Lower	Upper
82	100		
128	41.2	33.0	49.4
54	41.4	30.4	45.6

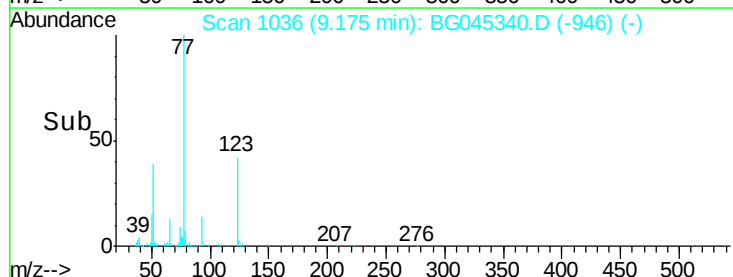
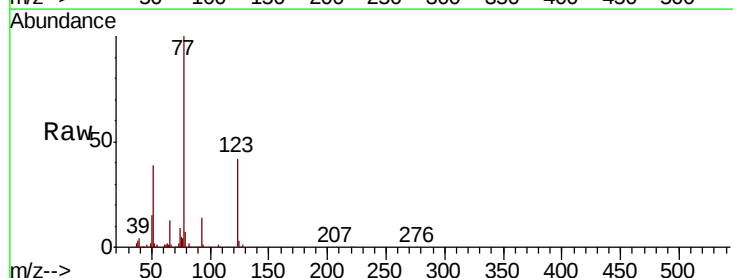
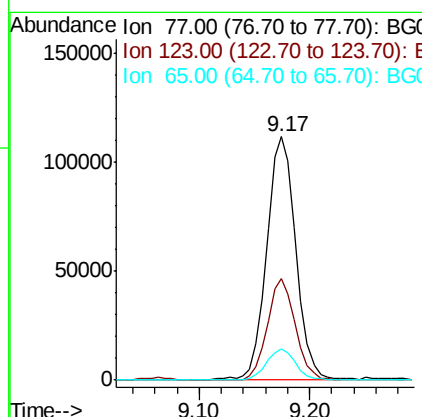
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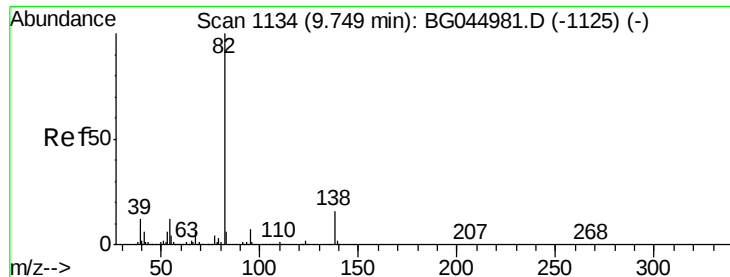
mohammad
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#24
Nitrobenzene
Concen: 35.638 ng
RT: 9.17 min Scan# 1036
Delta R.T. -0.00 min
Lab File: BG045340.D
Acq: 12 May 2020 22:25

Tgt Ion	77	Resp	204343
Ion Ratio	100	Lower	Upper
77	100		
123	41.9	34.3	51.5
65	12.6	8.9	13.3





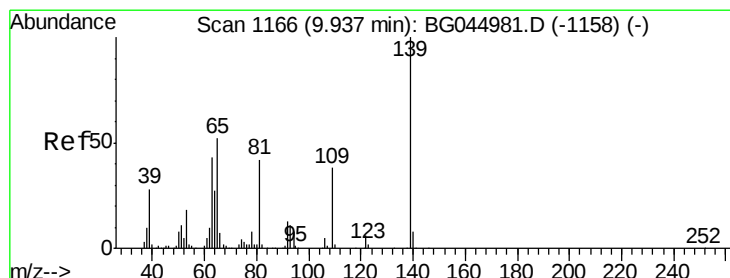
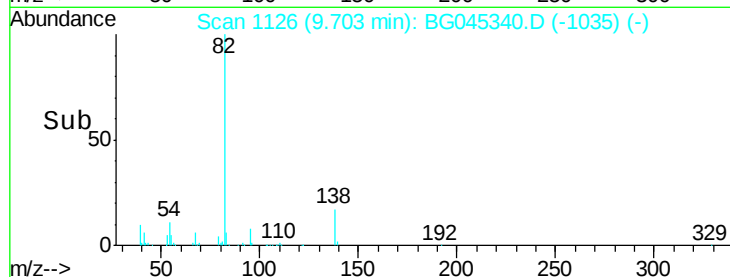
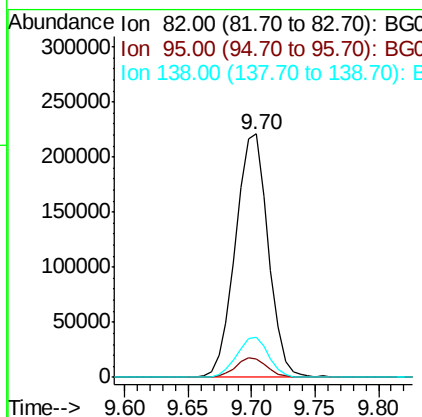
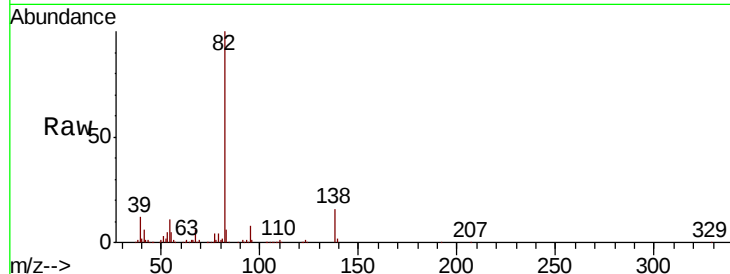
#25
Isophorone
Concen: 34.550 ng
RT: 9.70 min Scan# 1126
Delta R.T. 0.00 min
Lab File: BG045340.D
Acq: 12 May 2020 22:25

Instrument :
BNA_G
ClientSampleId :
PB128808BSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
95	7.7	6.0	9.0	
138	16.5	12.7	19.1	

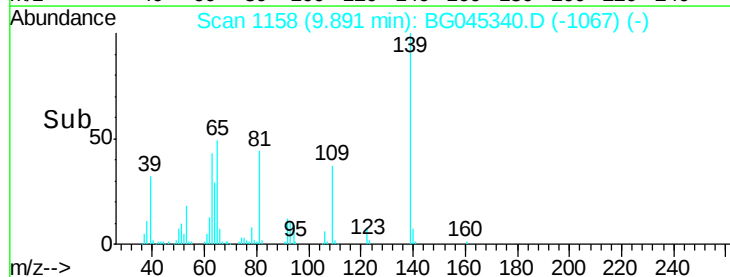
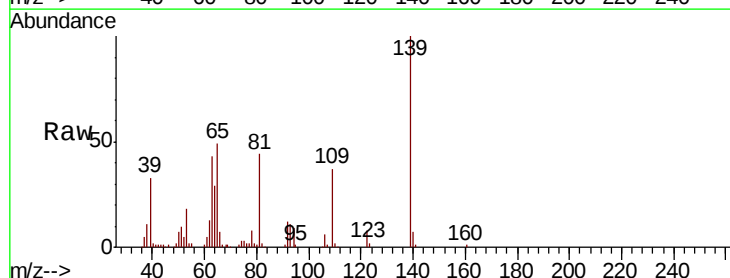
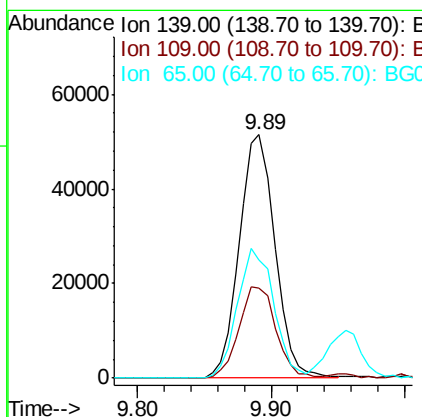
Manual Integrations
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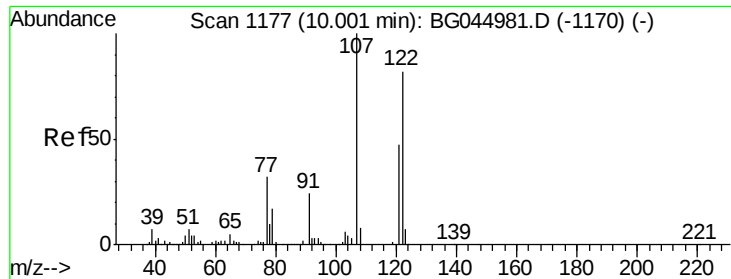
mohammad
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#26
2-Nitrophenol
Concen: 38.696 ng
RT: 9.89 min Scan# 1158
Delta R.T. 0.00 min
Lab File: BG045340.D
Acq: 12 May 2020 22:25

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	37.0	30.6	45.8	
65	48.6	41.8	62.6	





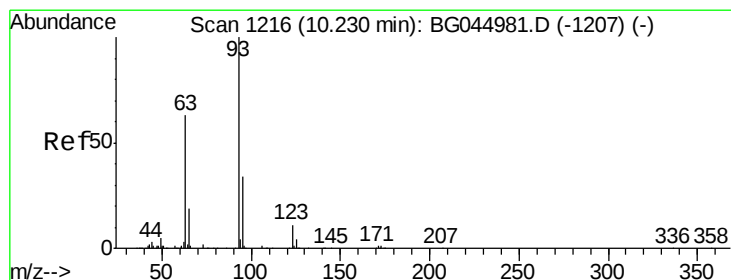
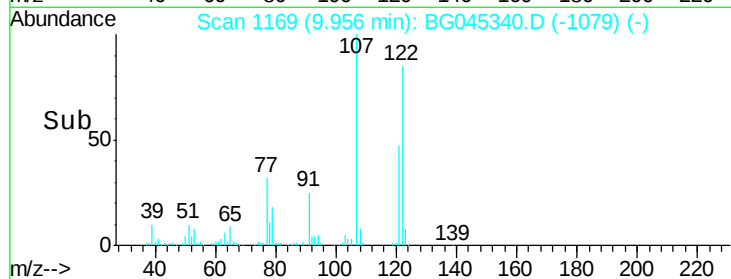
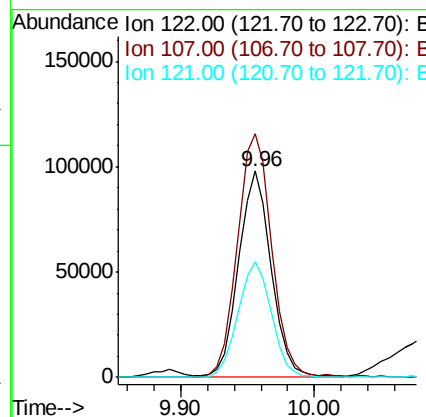
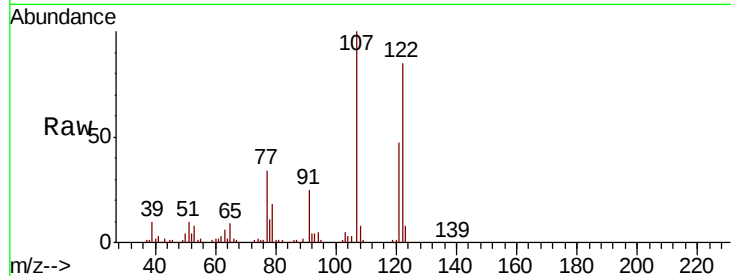
#27
 2,4-Dimethylphenol
 Concen: 41.715 ng
 RT: 9.96 min Scan# 1169
 Delta R.T. -0.00 min
 Lab File: BG045340.D
 Acq: 12 May 2020 22:25

Instrument :
 BNA_G
 ClientSampleId :
 PB128808BSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	118.2	96.8	145.2
121	55.9	45.6	68.4

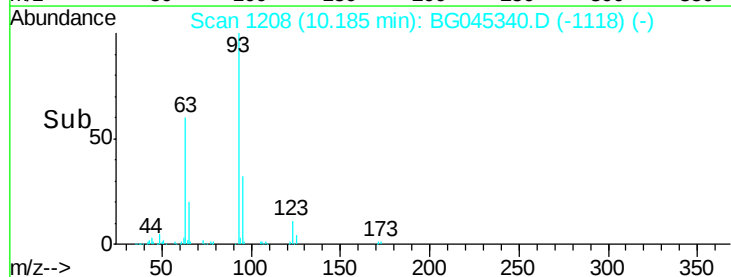
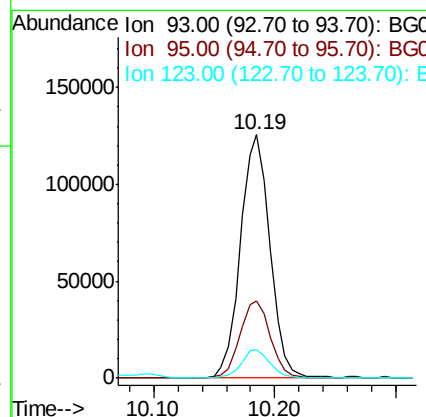
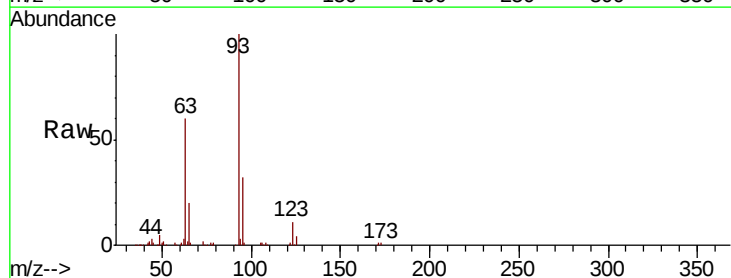
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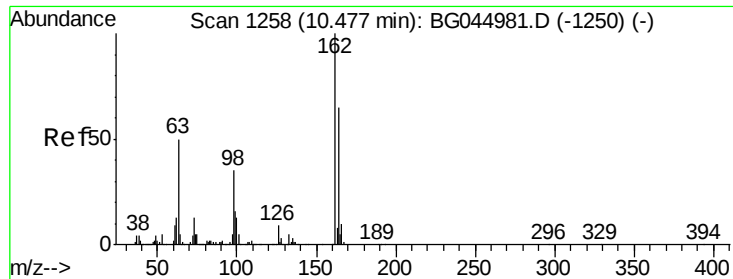
mohammad
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#28
 bis(2-Chloroethoxy)methane
 Concen: 35.502 ng
 RT: 10.19 min Scan# 1208
 Delta R.T. -0.00 min
 Lab File: BG045340.D
 Acq: 12 May 2020 22:25

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.0	27.0	40.4
123	11.5	8.7	13.1





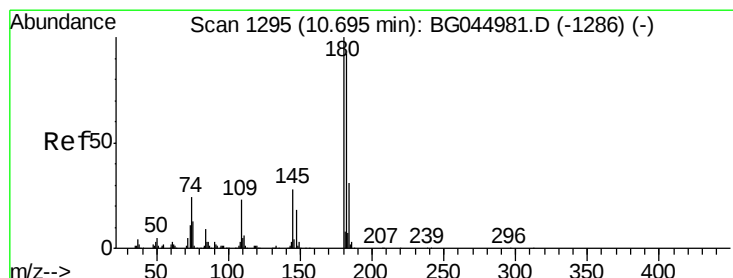
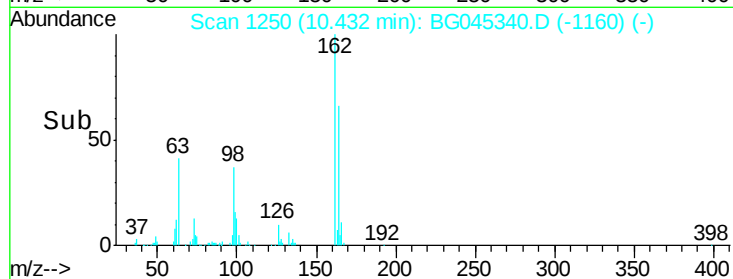
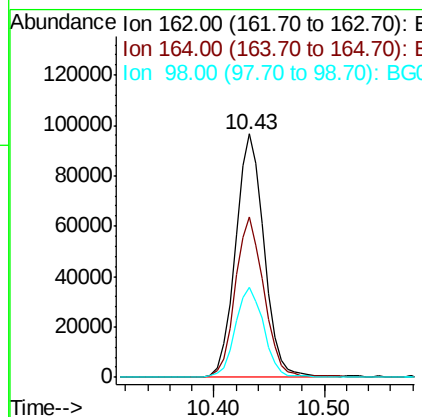
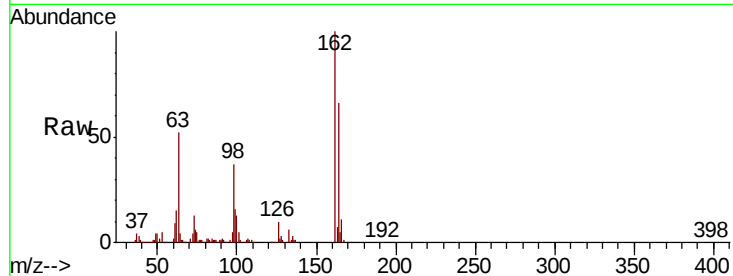
#29
2,4-Dichlorophenol
Concen: 38.868 ng
RT: 10.43 min Scan# 1250
Delta R.T. -0.00 min
Lab File: BG045340.D
Acq: 12 May 2020 22:25

Instrument :
BNA_G
ClientSampleId :
PB128808BSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	175883		
164	66.0	45.0	85.0	
98	36.8	15.2	55.2	

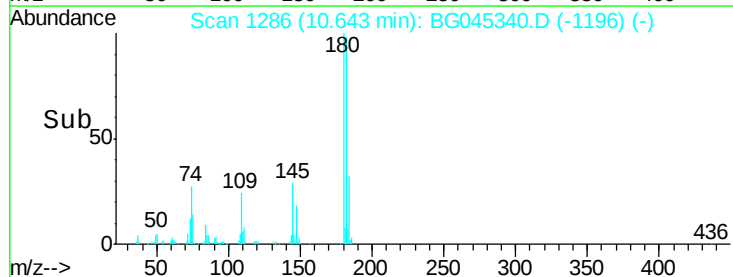
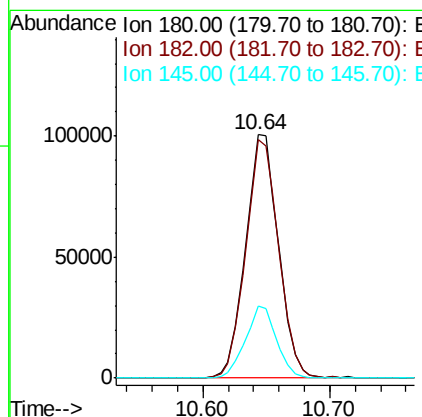
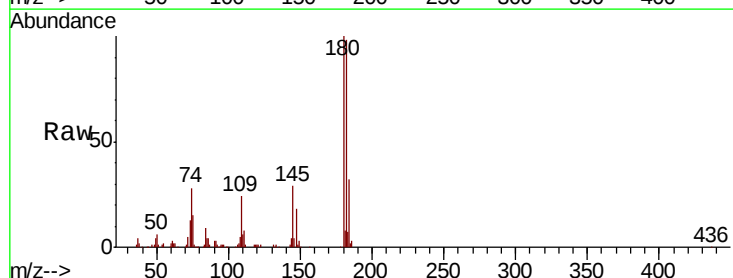
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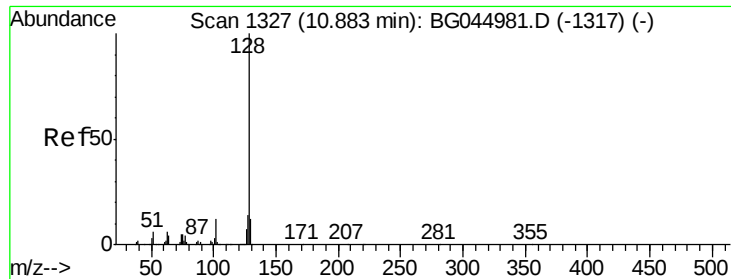
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#30
1,2,4-Trichlorobenzene
Concen: 35.414 ng
RT: 10.64 min Scan# 1286
Delta R.T. -0.00 min
Lab File: BG045340.D
Acq: 12 May 2020 22:25

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	181441		
182	98.0	73.3	109.9	
145	29.4	22.6	33.8	





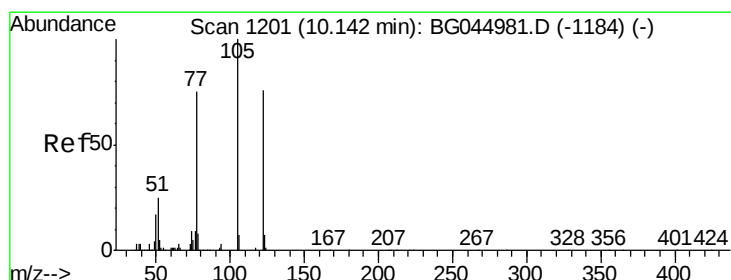
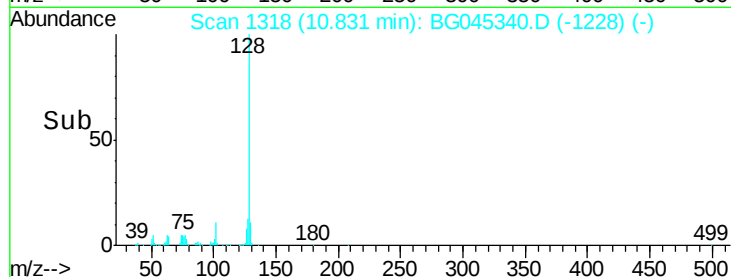
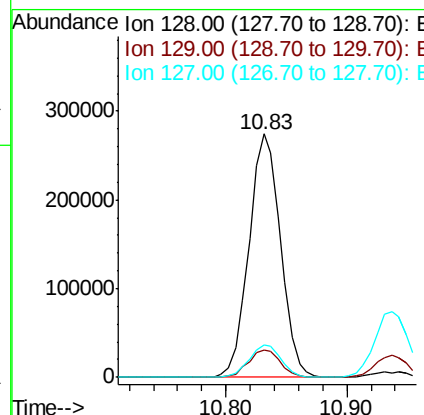
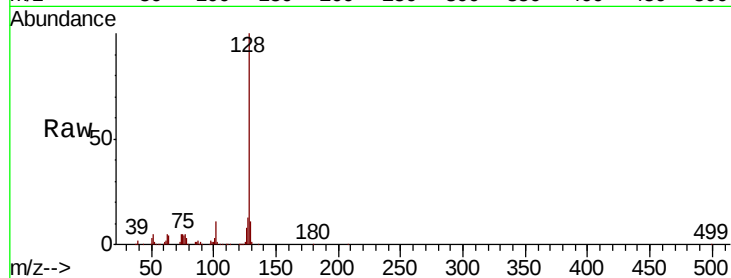
#31
Naphthalene
Concen: 35.811 ng
RT: 10.83 min Scan# 1318
Delta R.T. -0.00 min
Lab File: BG045340.D
Acq: 12 May 2020 22:25

Instrument :
BNA_G
ClientSampleId :
PB128808BSD

Tot Ion	Ratio	Resp	Lower	Upper
128	100			
129	11.2	9.4	14.2	
127	13.5	10.8	16.2	

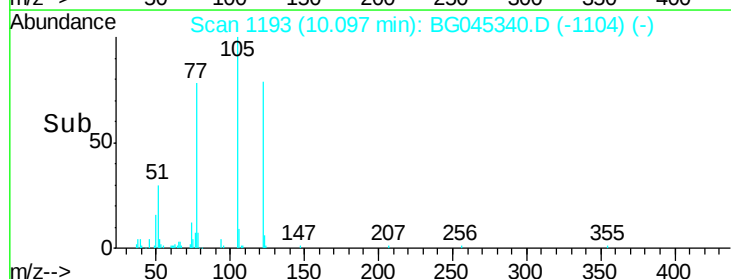
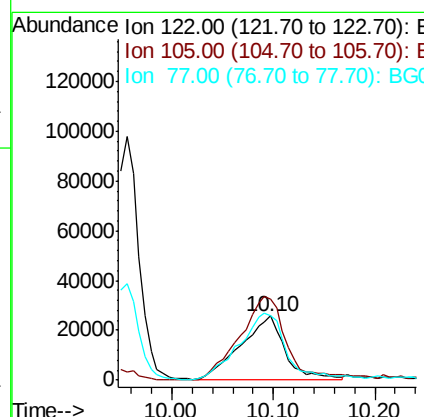
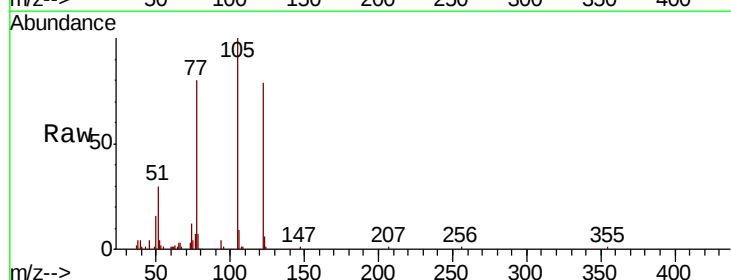
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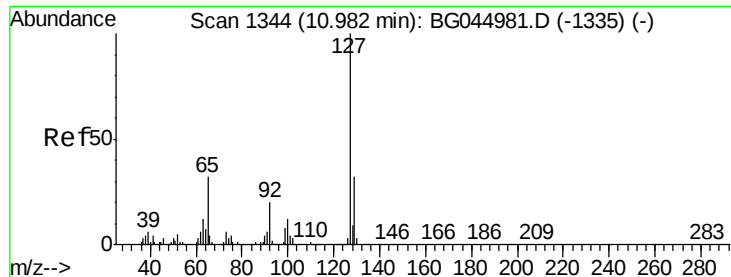
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#32
Benzoic acid
Concen: 27.208 ng
RT: 10.10 min Scan# 1193
Delta R.T. -0.01 min
Lab File: BG045340.D
Acq: 12 May 2020 22:25

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	126.5	108.4	148.4	
77	100.7	78.8	118.8	





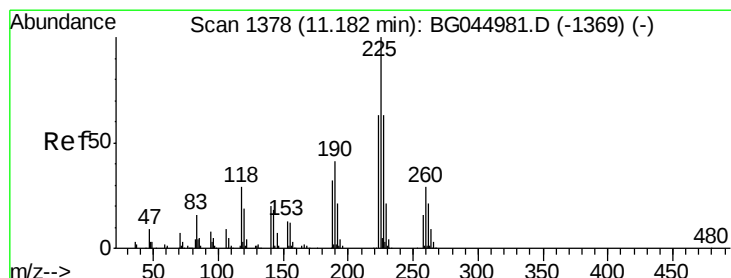
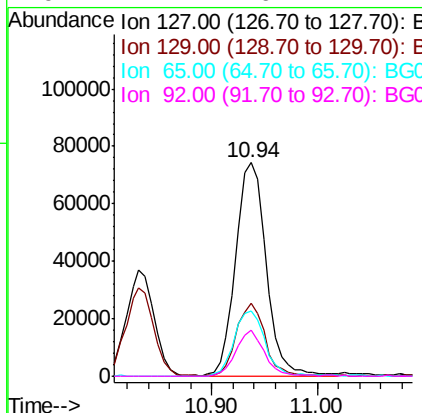
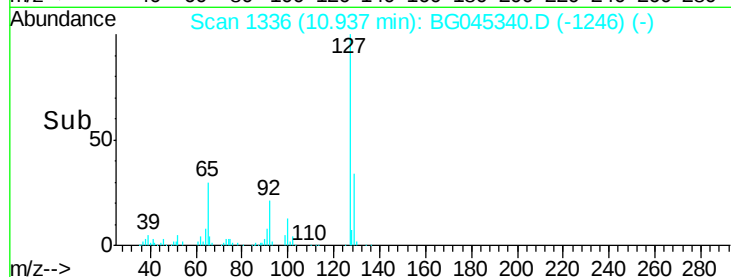
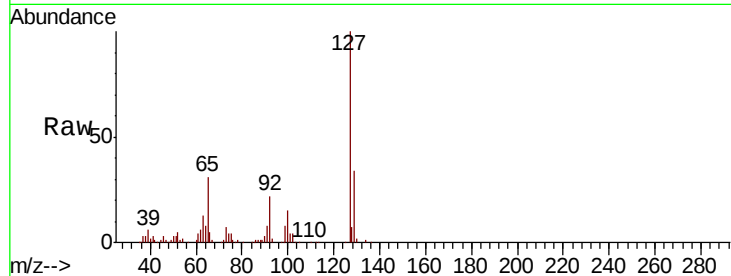
#33
4-Chloroaniline
Concen: 22.820 ng
RT: 10.94 min Scan# 1336
Delta R.T. -0.00 min
Lab File: BG045340.D
Acq: 12 May 2020 22:25

Instrument :
BNA_G
ClientSampleId :
PB128808BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	33.9	25.7	38.5		
65	30.5	25.4	38.2		
92	21.7	16.1	24.1		

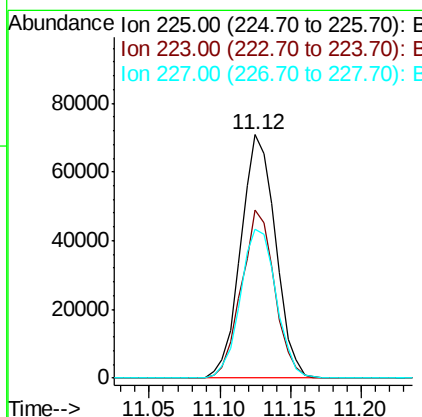
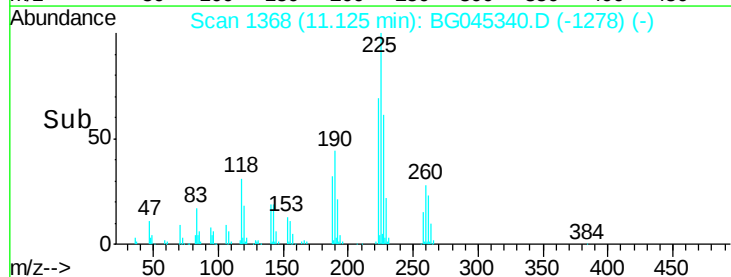
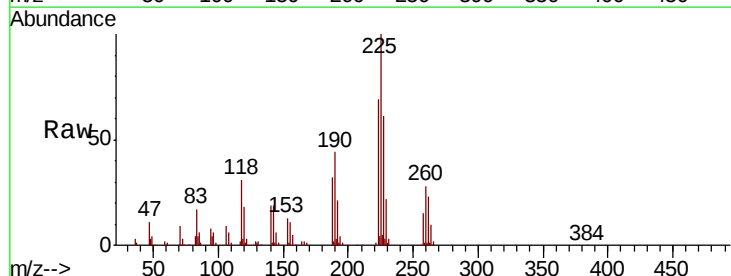
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#34
Hexachlorobutadiene
Concen: 34.715 ng
RT: 11.12 min Scan# 1368
Delta R.T. -0.00 min
Lab File: BG045340.D
Acq: 12 May 2020 22:25

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	69.1	50.7	76.1		
227	61.0	50.2	75.2		





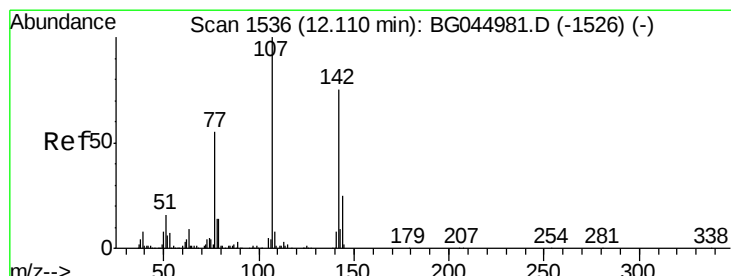
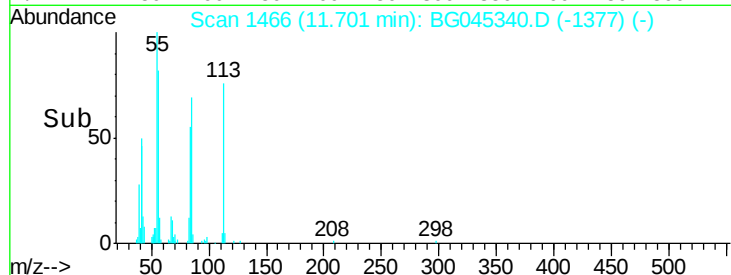
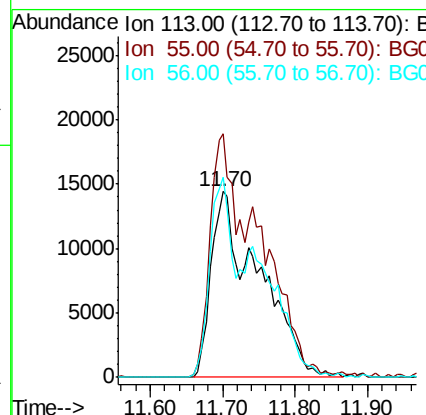
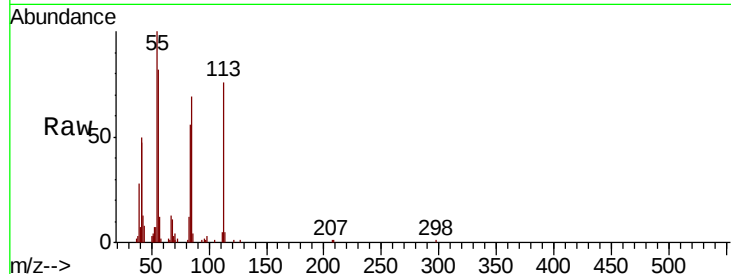
#35
Caprolactam
Concen: 36.827 ng/ml
RT: 11.70 min Scan# 1466
Delta R.T. -0.01 min
Lab File: BG045340.D
Acq: 12 May 2020 22:25

Instrument :
BNA_G
ClientSampleId :
PB128808BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100				
55	131.3		118.8	158.8	
56	108.1		82.6	122.6	

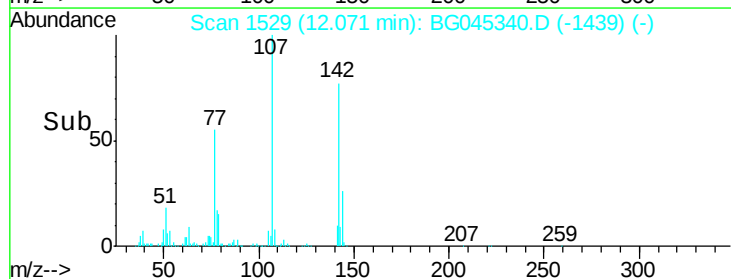
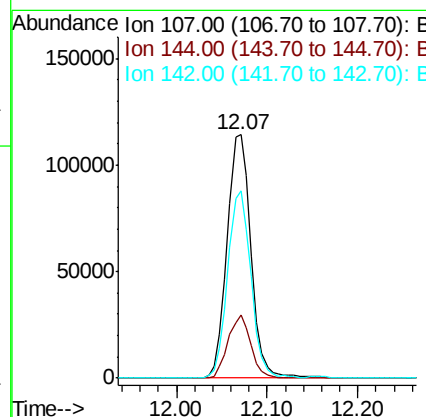
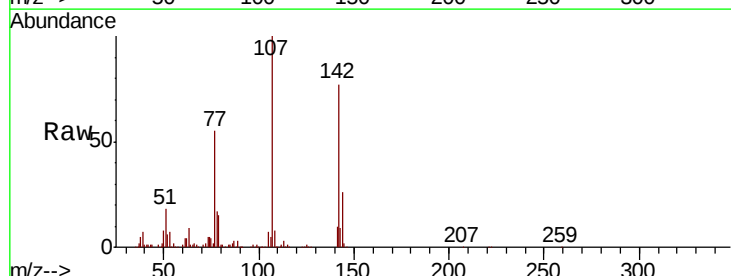
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#36
4-Chloro-3-methylphenol
Concen: 39.249 ng/ml
RT: 12.07 min Scan# 1529
Delta R.T. -0.00 min
Lab File: BG045340.D
Acq: 12 May 2020 22:25

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
144	26.0		19.8	29.6	
142	77.1		59.7	89.5	





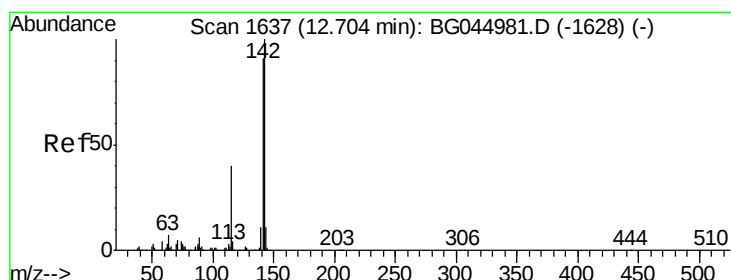
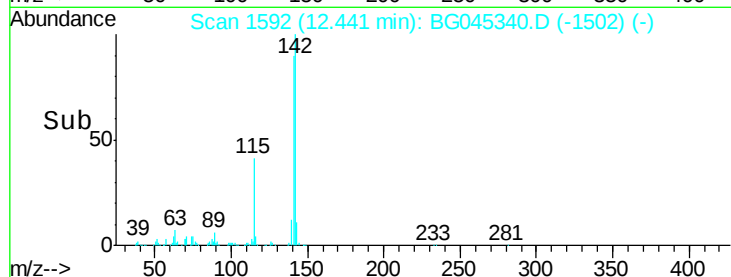
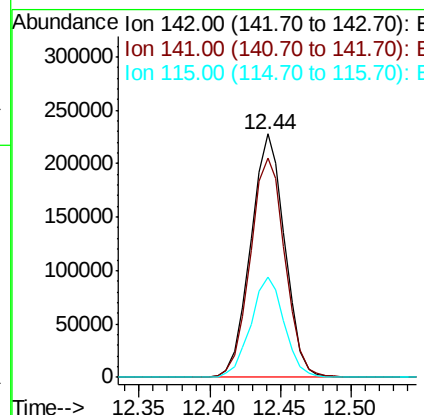
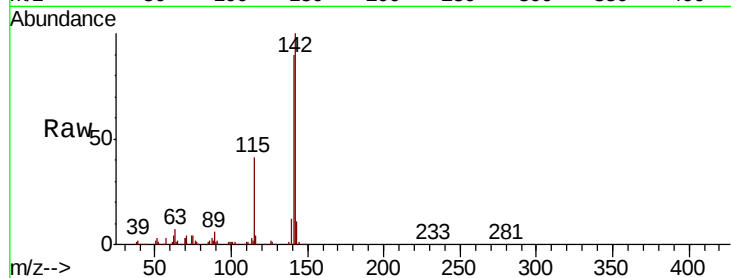
#37
2-Methylnaphthalene
Concen: 35.475 ng
RT: 12.44 min Scan# 1592
Delta R.T. -0.00 min
Lab File: BG045340.D
Acq: 12 May 2020 22:25

Instrument :
BNA_G
ClientSampleId :
PB128808BSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.1	70.3	105.5
115	41.1	29.8	44.6

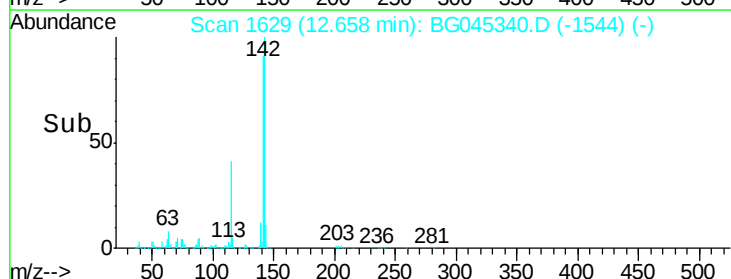
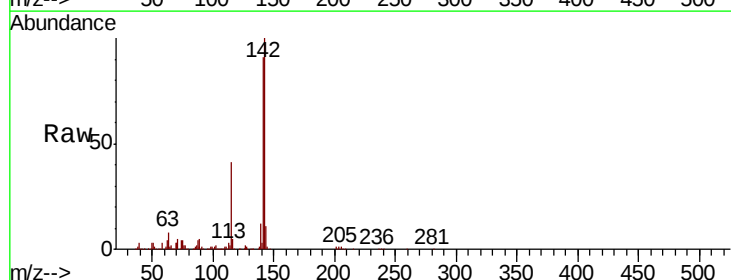
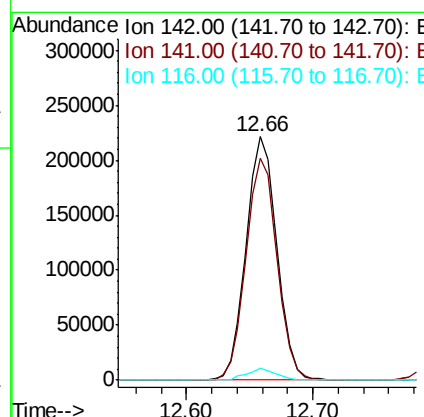
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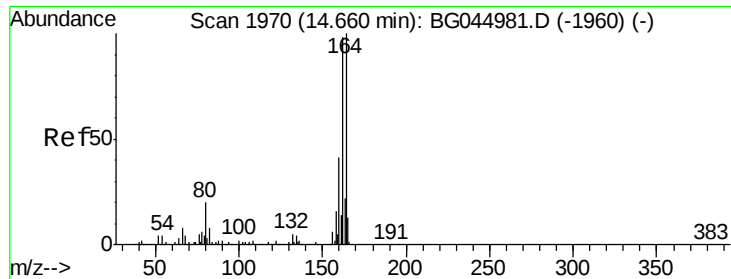
mohammad
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#38
1-Methylnaphthalene
Concen: 36.542 ng m
RT: 12.66 min Scan# 1629
Delta R.T. -0.00 min
Lab File: BG045340.D
Acq: 12 May 2020 22:25

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.9	72.7	109.1
116	4.7	3.1	4.7#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.62 min Scan# 1963

Delta R.T. -0.00 min

Lab File: BG045340.D

Acq: 12 May 2020 22:25

Instrument :

BNA_G

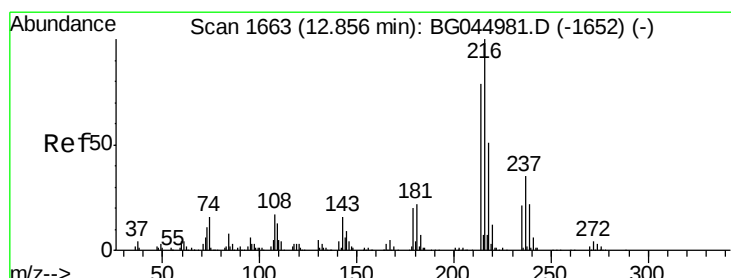
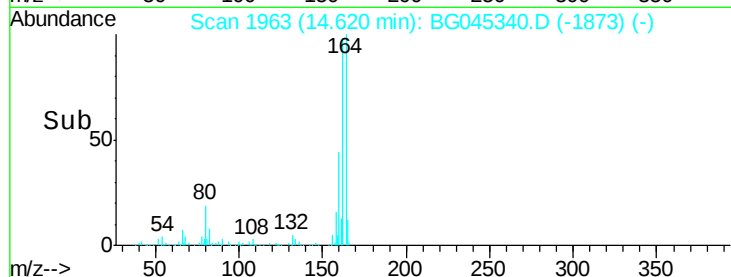
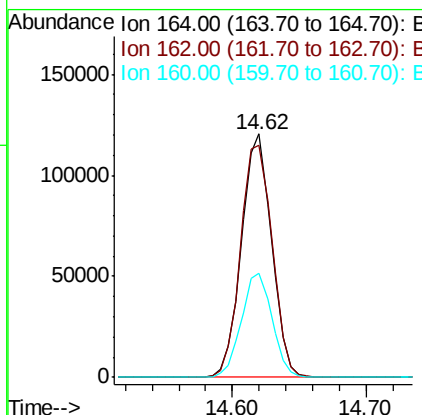
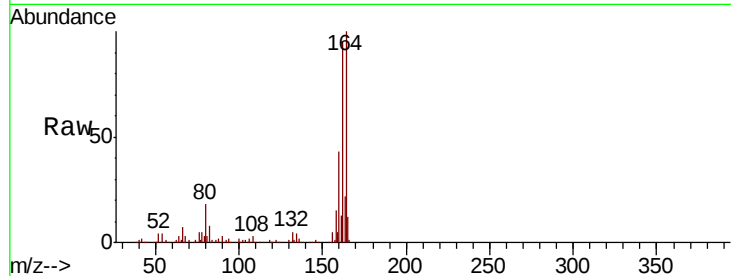
ClientSampleId :

PB128808BSD

Tot Ion:	164	Resp:	186777
Ion Ratio	Lower	Upper	
164	100		
162	95.1	78.7	118.1
160	43.0	32.8	49.2

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 36.014 ng

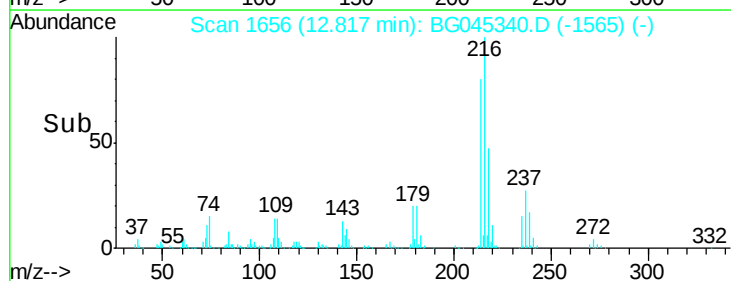
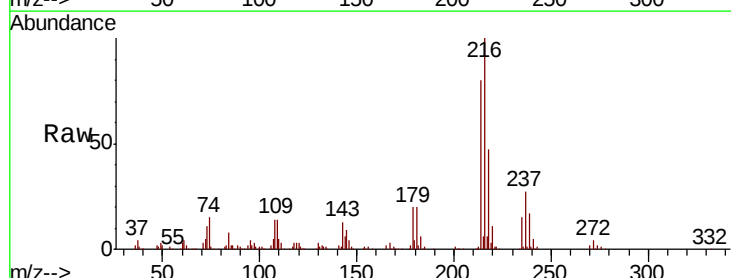
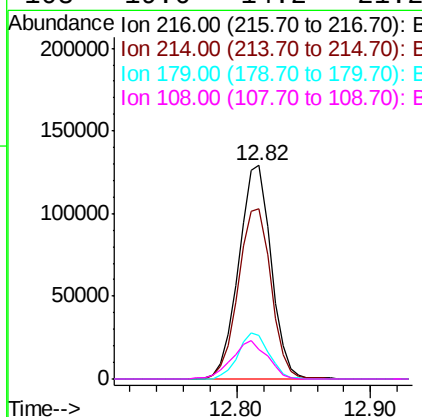
RT: 12.82 min Scan# 1656

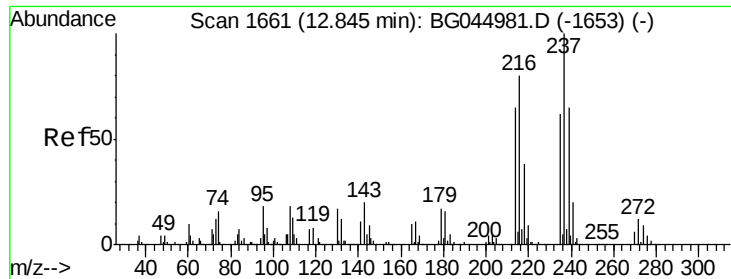
Delta R.T. 0.00 min

Lab File: BG045340.D

Acq: 12 May 2020 22:25

Tgt Ion:	216	Resp:	216576
Ion Ratio	Lower	Upper	
216	100		
214	80.9	63.0	94.6
179	20.6	15.8	23.8
108	19.6	14.2	21.2





#41

Hexachlorocyclopentadiene

Concen: 77.406 ng

RT: 12.80 min Scan# 1653

Delta R.T. 0.00 min

Lab File: BG045340.D

Acq: 12 May 2020 22:25

Instrument :

BNA_G

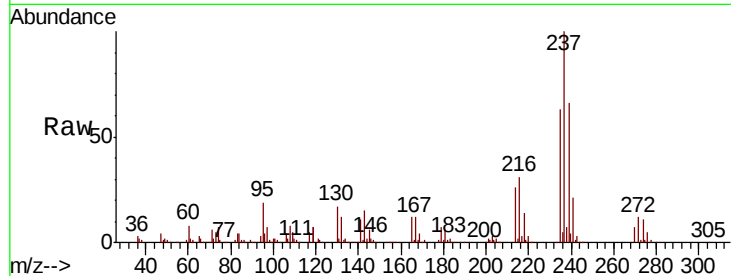
ClientSampleId :

PB128808BSD

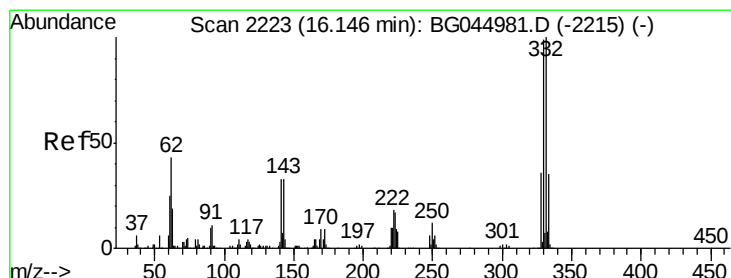
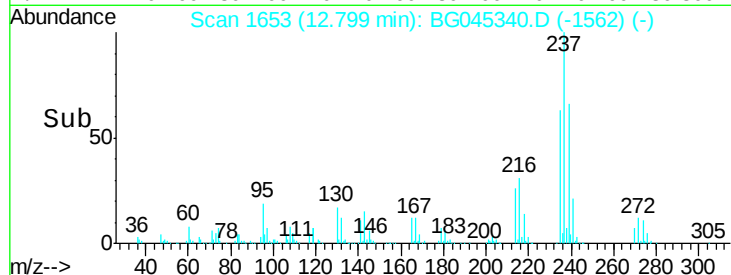
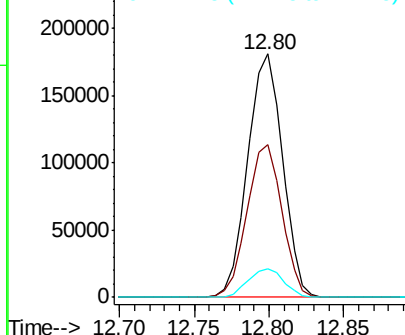
Tot Ion:	237	Resp:	290944
Ion Ratio	Lower	Upper	
237	100		
235	62.5	41.6	81.6
272	11.9	0.0	32.1

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



#42

2,4,6-Tribromophenol

Concen: 75.043 ng

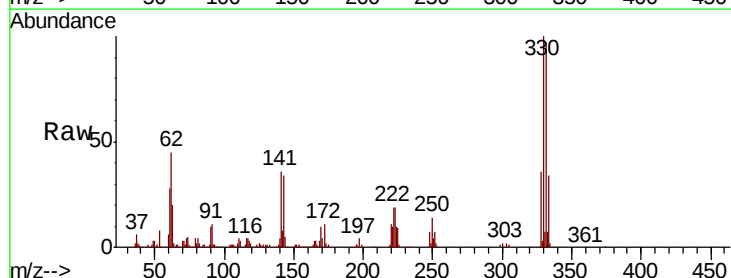
RT: 16.11 min Scan# 2216

Delta R.T. -0.00 min

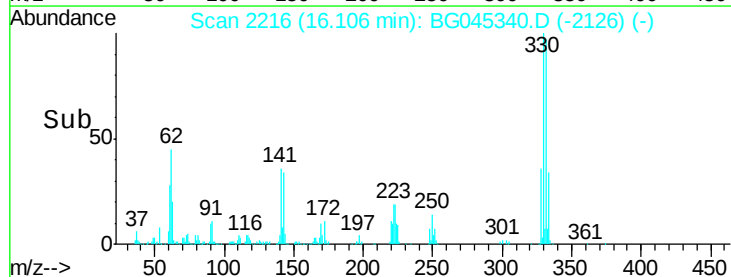
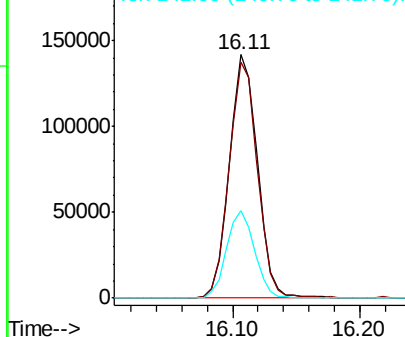
Lab File: BG045340.D

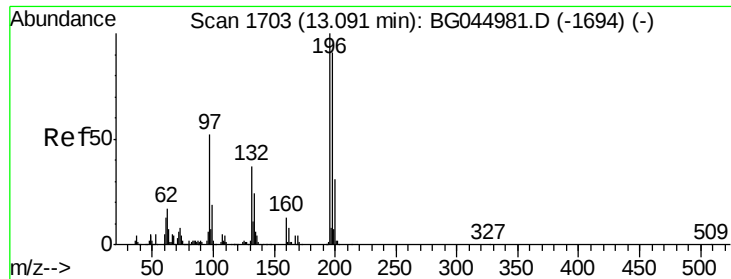
Acq: 12 May 2020 22:25

Tgt Ion:	330	Resp:	216535
Ion Ratio	Lower	Upper	
330	100		
332	97.8	79.1	118.7
141	35.9	27.1	40.7



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





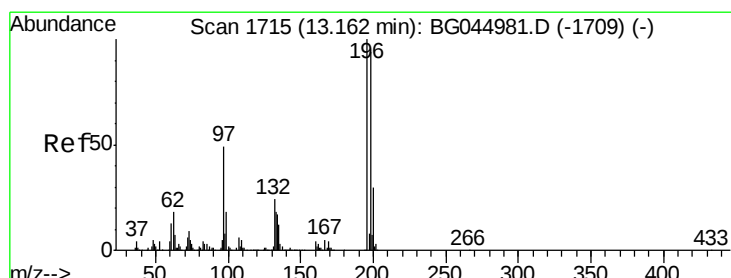
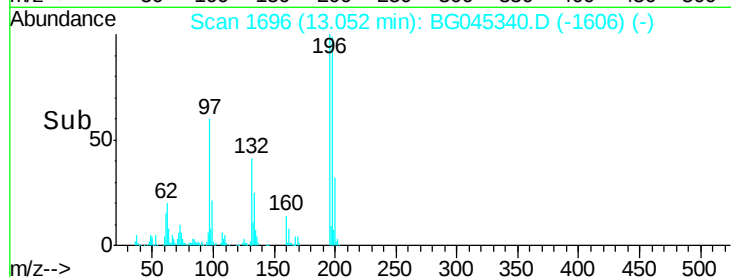
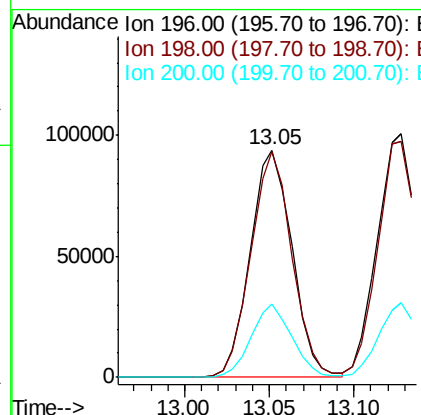
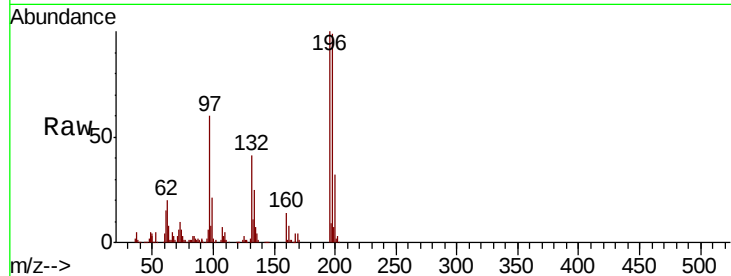
#43
 2,4,6-Trichlorophenol
 Concen: 37.991 ng
 RT: 13.05 min Scan# 1696
 Delta R.T. -0.00 min
 Lab File: BG045340.D
 Acq: 12 May 2020 22:25

Instrument :
 BNA_G
 ClientSampled :
 PB128808BSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	161244		
198	99.2	72.5	108.7	
200	32.1	24.5	36.7	

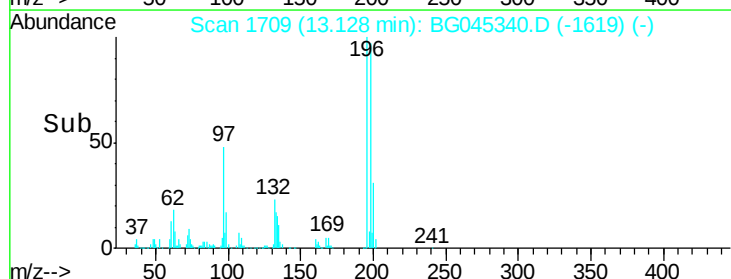
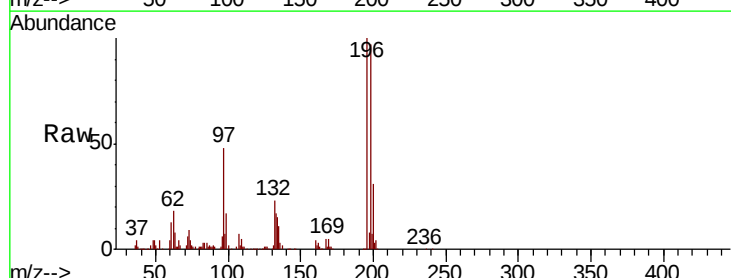
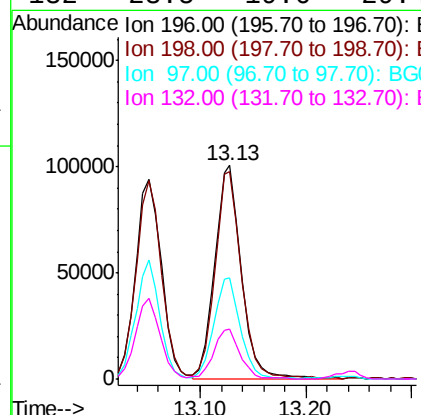
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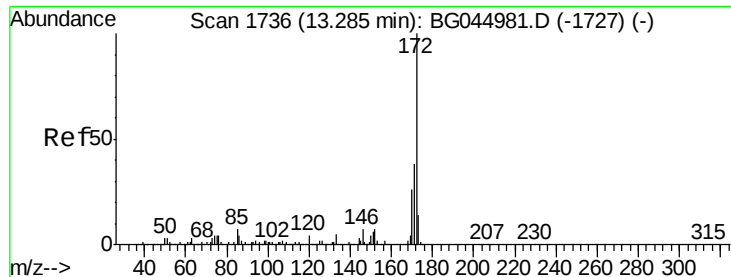
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 36.291 ng
 RT: 13.13 min Scan# 1709
 Delta R.T. -0.00 min
 Lab File: BG045340.D
 Acq: 12 May 2020 22:25

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	175323		
198	96.8	75.7	113.5	
97	47.5	39.6	59.4	
132	23.5	19.6	29.4	





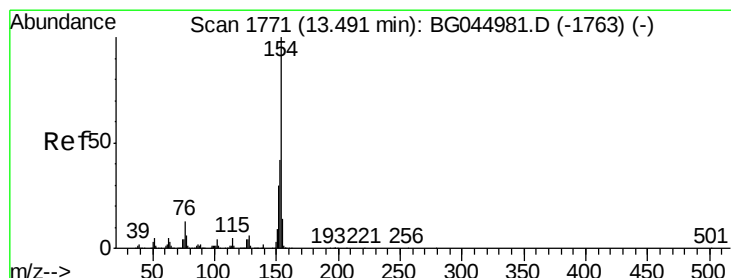
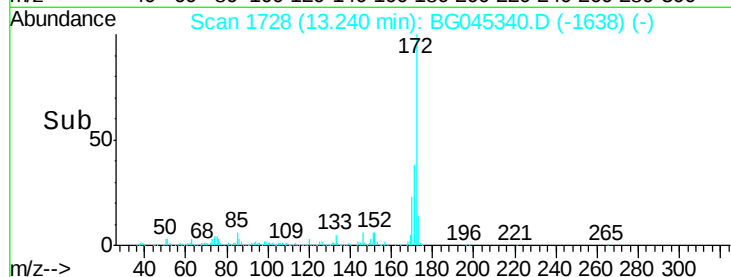
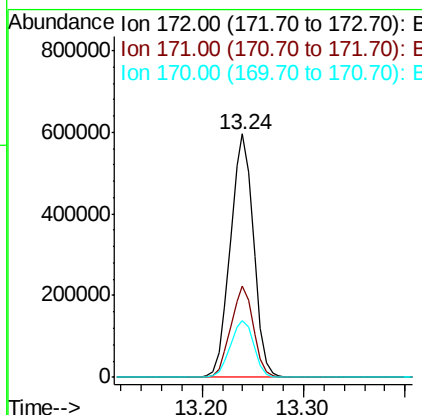
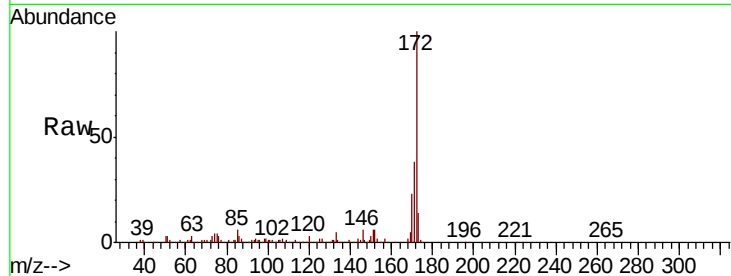
#45
2-Fluorobiphenyl
Concen: 74.074 ng
RT: 13.24 min Scan# 1728
Delta R.T. -0.00 min
Lab File: BG045340.D
Acq: 12 May 2020 22:25

Instrument :
BNA_G
ClientSampleId :
PB128808BSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.7	30.6	46.0
170	23.2	20.5	30.7

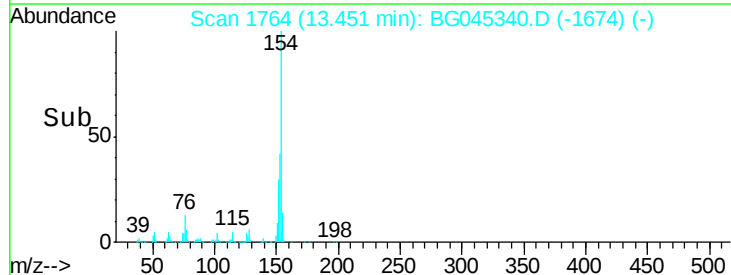
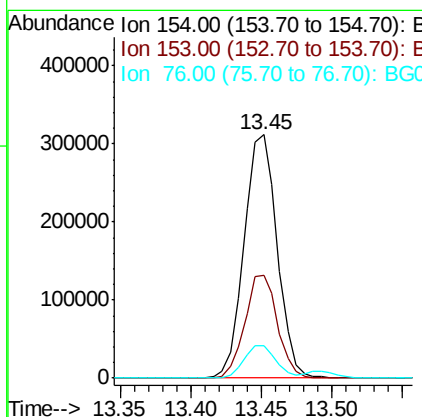
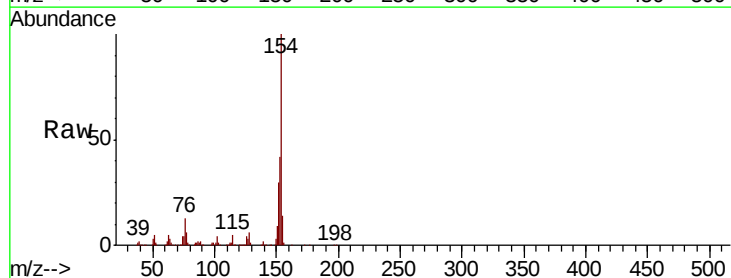
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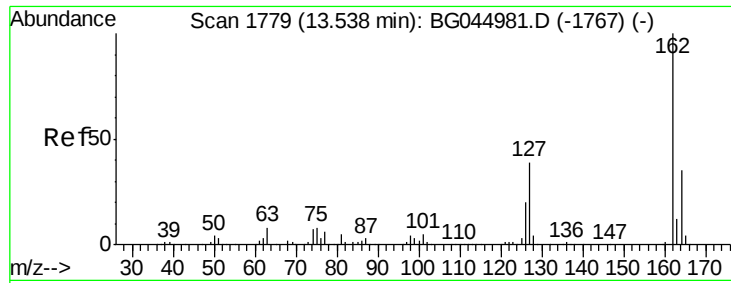
mohammad
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#46
1,1'-Biphenyl
Concen: 36.019 ng
RT: 13.45 min Scan# 1764
Delta R.T. -0.00 min
Lab File: BG045340.D
Acq: 12 May 2020 22:25

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.4	21.9	61.9
76	13.1	0.0	33.1





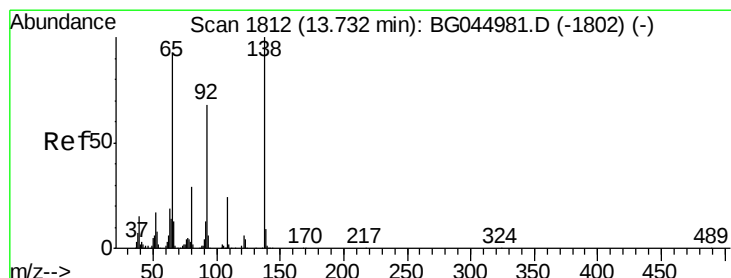
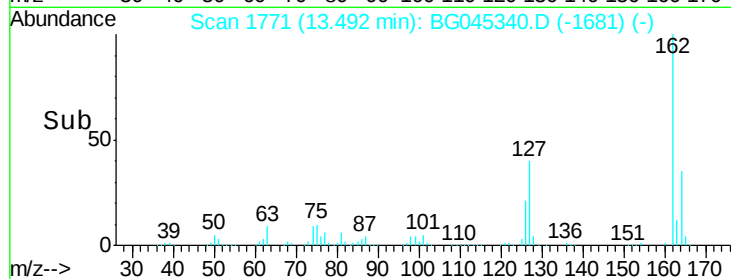
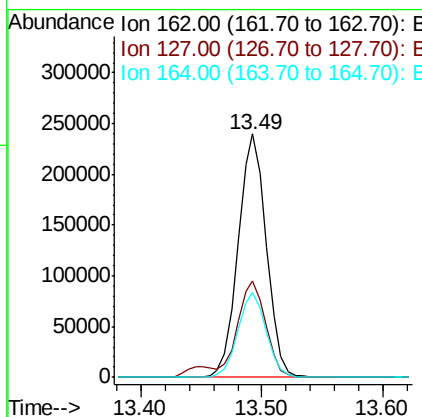
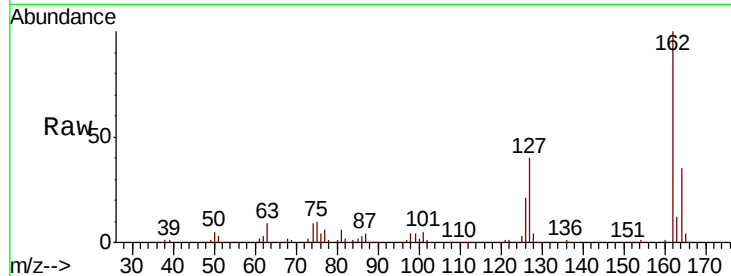
#47
2-Chloronaphthalene
Concen: 35.856 ng
RT: 13.49 min Scan# 1771
Delta R.T. -0.00 min
Lab File: BG045340.D
Acq: 12 May 2020 22:25

Instrument :
BNA_G
ClientSampleId :
PB128808BSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	388948		
127	39.8		31.3	46.9
164	34.7		27.8	41.8

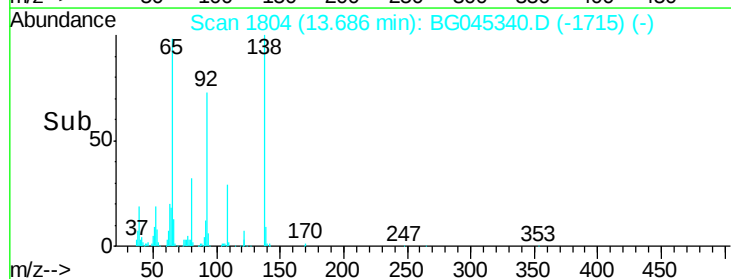
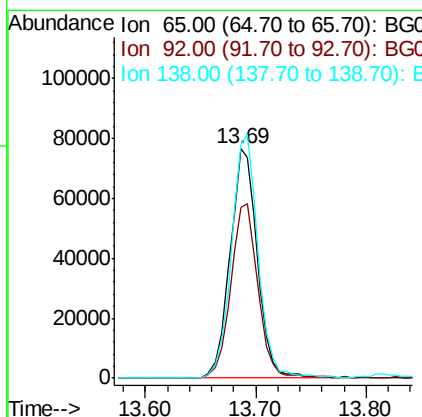
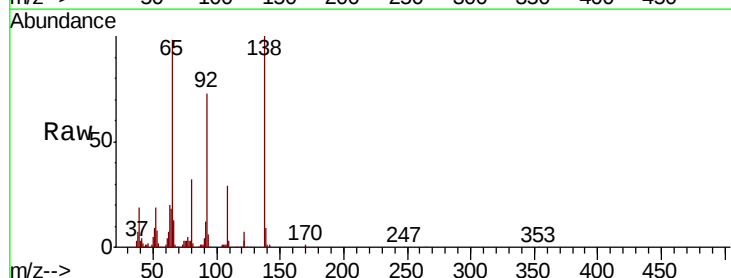
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#48
2-Nitroaniline
Concen: 37.208 ng
RT: 13.69 min Scan# 1804
Delta R.T. -0.01 min
Lab File: BG045340.D
Acq: 12 May 2020 22:25

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	132794		
92	74.4		58.3	87.5
138	101.9		85.6	128.4





#49

Acenaphthylene

Concen: 38.227 ng

RT: 14.34 min Scan# 1915

Delta R.T. -0.00 min

Lab File: BG045340.D

Acq: 12 May 2020 22:25

Instrument :

BNA_G

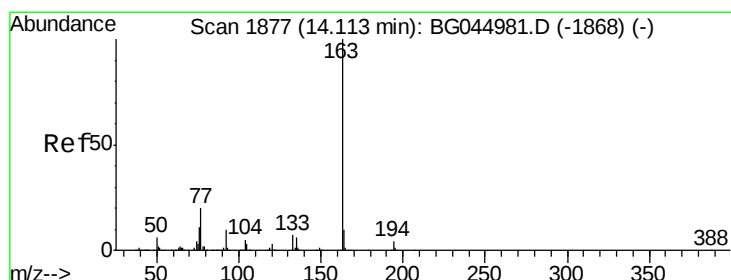
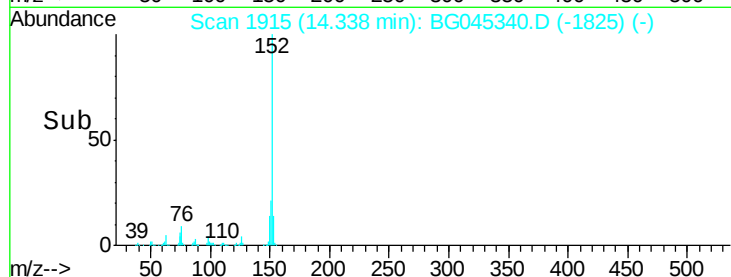
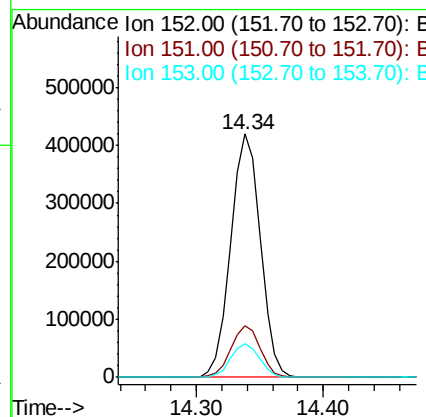
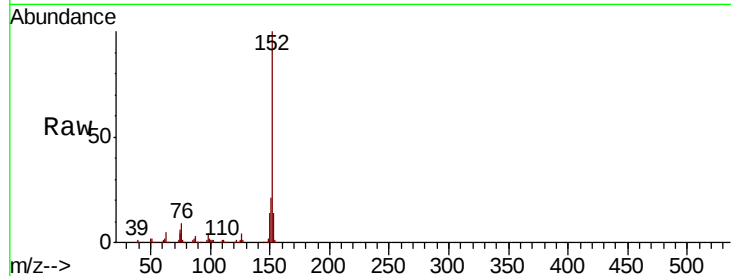
ClientSampleId :

PB128808BSD

Tot Ion:	152	Resp:	675434
Ion Ratio	Lower	Upper	
152	100		
151	21.4	17.2	25.8
153	13.8	11.0	16.4

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#50

Dimethylphthalate

Concen: 37.281 ng

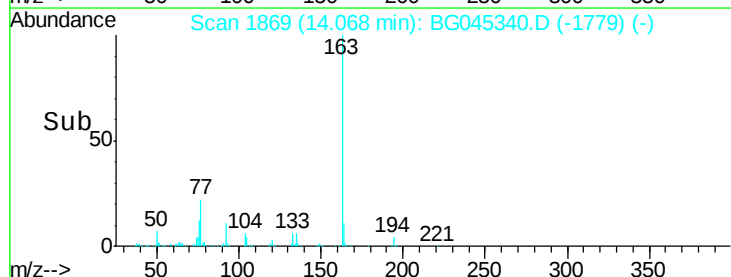
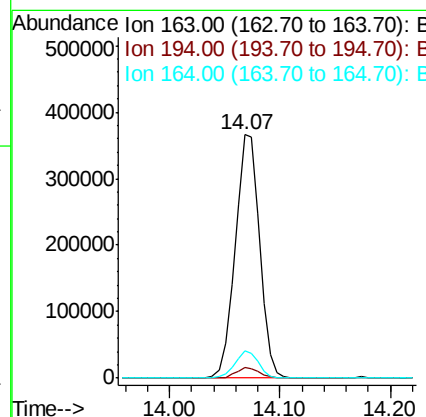
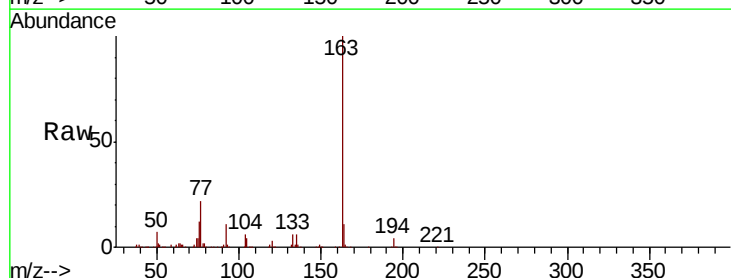
RT: 14.07 min Scan# 1869

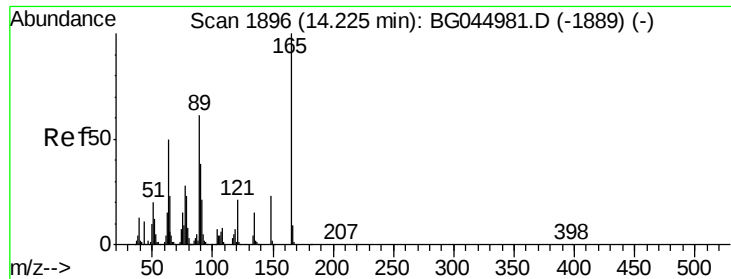
Delta R.T. -0.00 min

Lab File: BG045340.D

Acq: 12 May 2020 22:25

Tgt Ion:	163	Resp:	566975
Ion Ratio	Lower	Upper	
163	100		
194	4.3	3.5	5.3
164	11.1	8.2	12.4





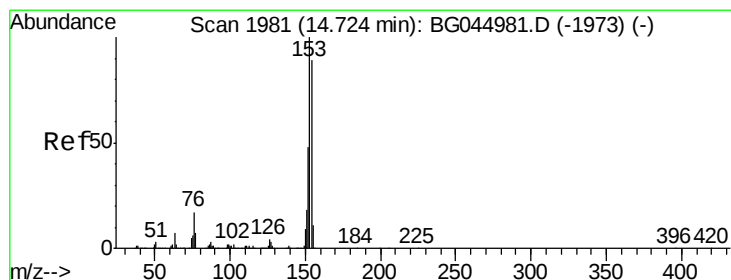
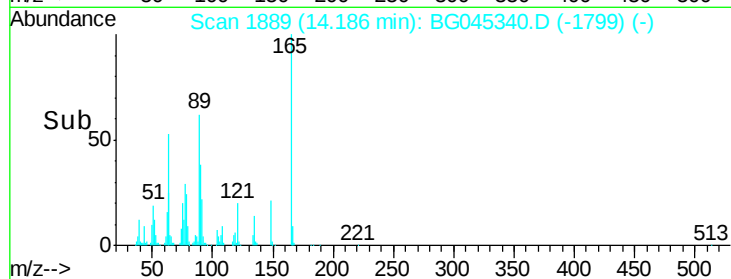
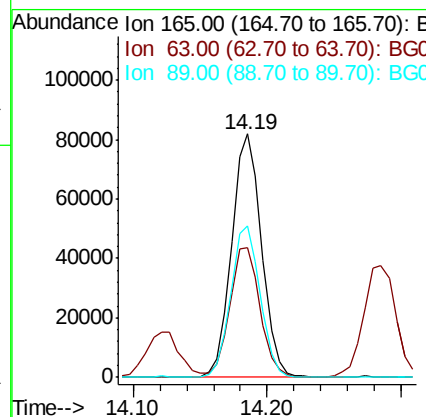
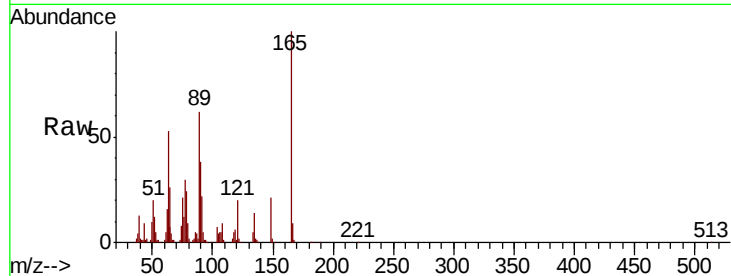
#51
2,6-Dinitrotoluene
Concen: 37.657 ng
RT: 14.19 min Scan# 1889
Delta R.T. -0.00 min
Lab File: BG045340.D
Acq: 12 May 2020 22:25

Instrument :
BNA_G
ClientSampleId :
PB128808BSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	128096		
63	53.4		40.4	60.6
89	62.4		49.1	73.7

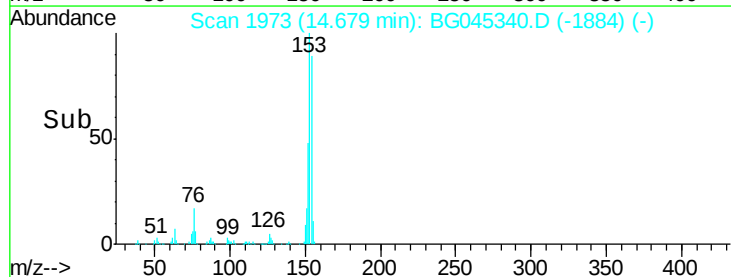
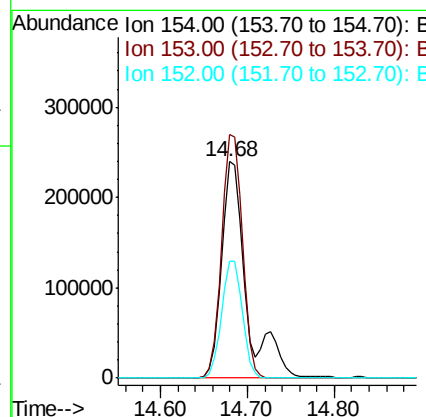
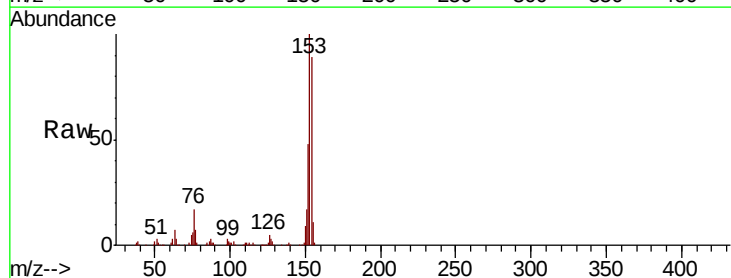
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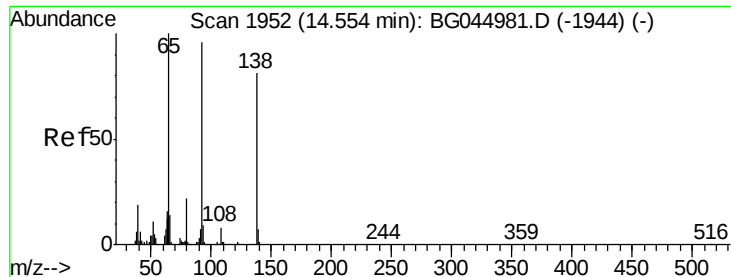
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#52
Acenaphthene
Concen: 40.273 ng m
RT: 14.68 min Scan# 1973
Delta R.T. -0.01 min
Lab File: BG045340.D
Acq: 12 May 2020 22:25

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	481457		
153	112.4		89.7	134.5
152	53.9		43.1	64.7





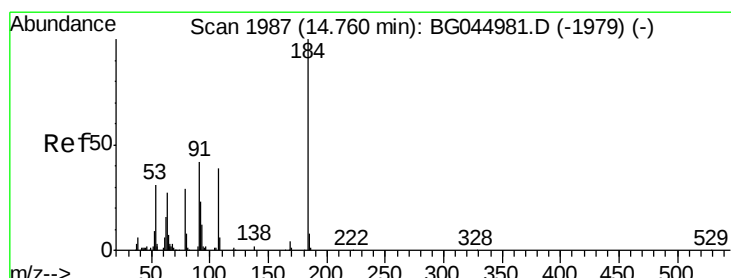
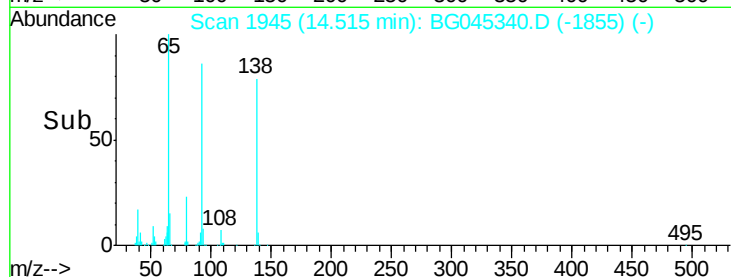
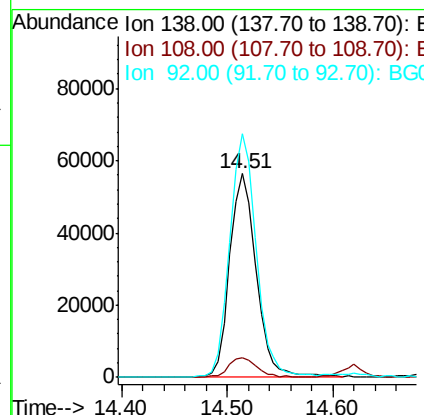
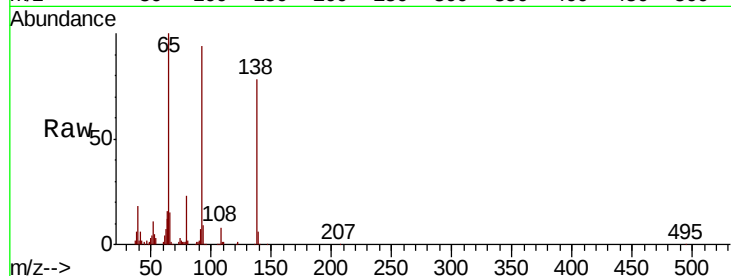
#53
3-Nitroaniline
Concen: 26.392 ng
RT: 14.51 min Scan# 1945
Delta R.T. -0.00 min
Lab File: BG045340.D
Acq: 12 May 2020 22:25

Instrument :
BNA_G
ClientSampleId :
PB128808BSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.7	7.8	11.8
92	119.7	94.5	141.7

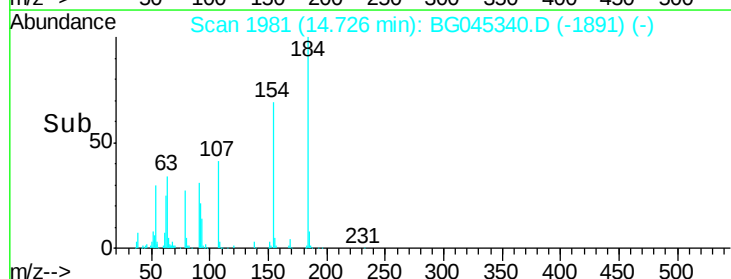
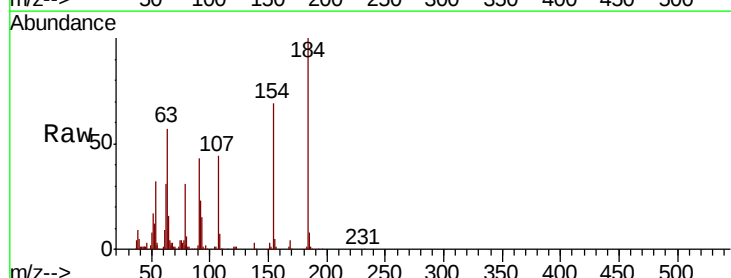
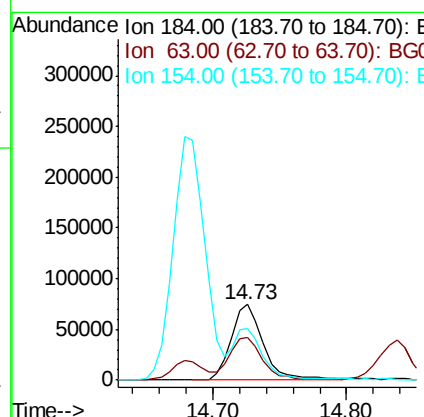
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#54
2,4-Dinitrophenol
Concen: 62.477 ng
RT: 14.73 min Scan# 1981
Delta R.T. -0.00 min
Lab File: BG045340.D
Acq: 12 May 2020 22:25

Tgt Ion	Ratio	Lower	Upper
184	100		
63	56.7	41.5	62.3
154	68.9	52.3	78.5





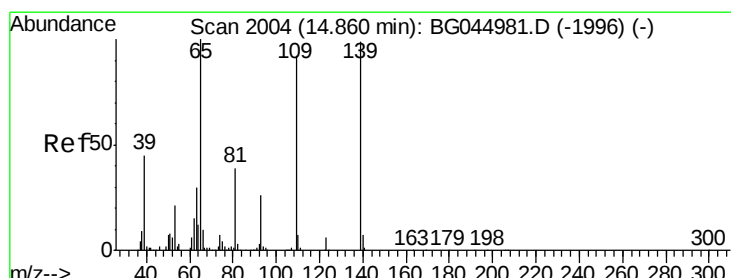
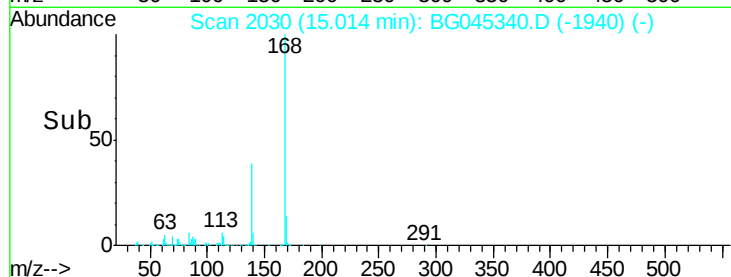
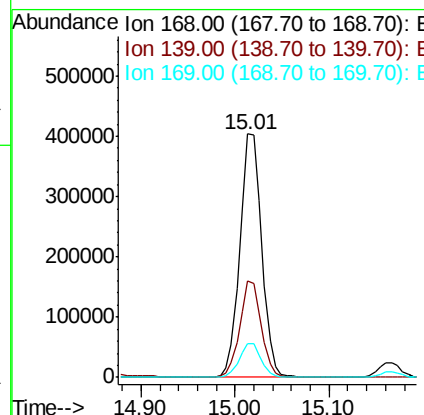
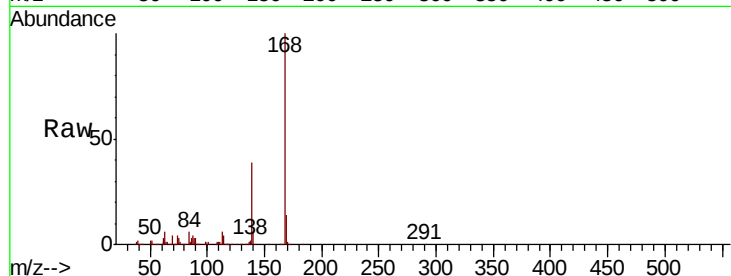
#55
Dibenzenofuran
Concen: 37.402 ng
RT: 15.01 min Scan# 2030
Delta R.T. -0.00 min
Lab File: BG045340.D
Acq: 12 May 2020 22:25

Instrument :
BNA_G
ClientSampleId :
PB128808BSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	39.4	30.4	45.6
169	13.6	11.0	16.4

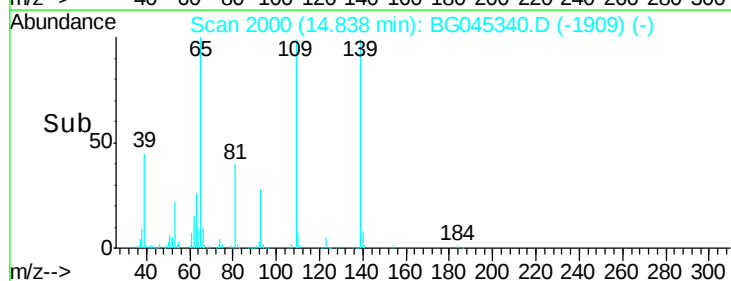
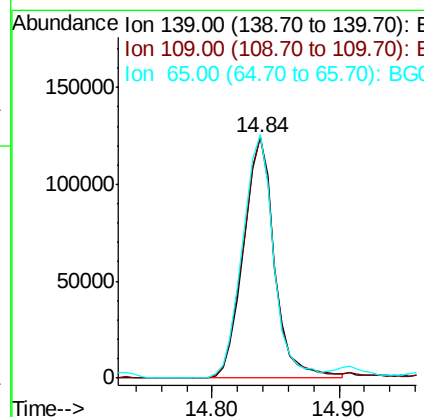
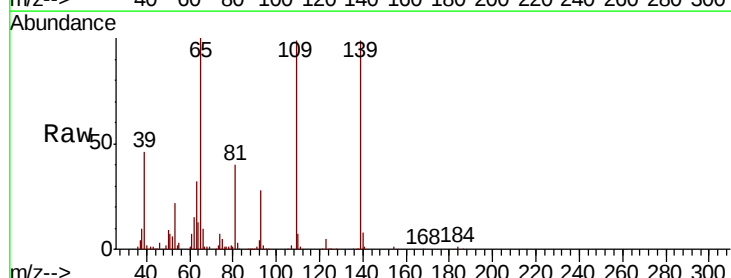
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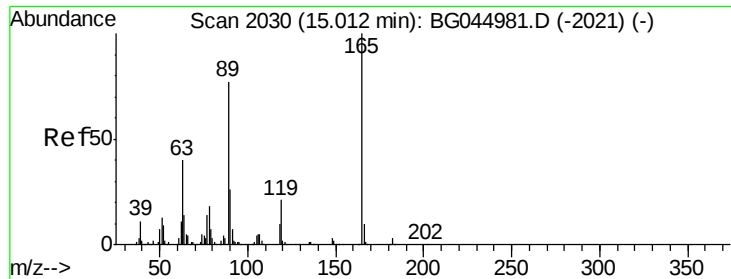
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#56
4-Nitrophenol
Concen: 72.683 ng
RT: 14.84 min Scan# 2000
Delta R.T. 0.00 min
Lab File: BG045340.D
Acq: 12 May 2020 22:25

Tgt Ion	Ratio	Lower	Upper
139	100		
109	100.4	73.6	113.6
65	101.2	81.2	121.2





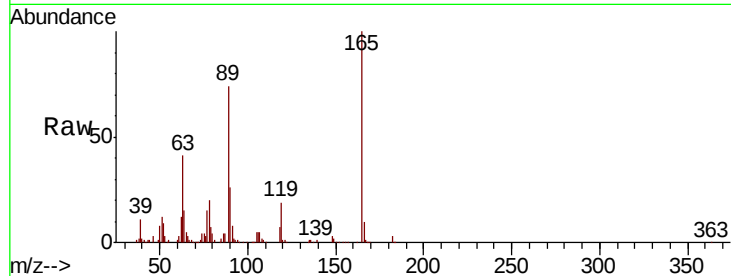
#57
2,4-Dinitrotoluene
Concen: 37.056 ng
RT: 14.98 min Scan# 2024
Delta R.T. -0.00 min
Lab File: BG045340.D
Acq: 12 May 2020 22:25

Instrument :
BNA_G
ClientSampleId :
PB128808BSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	184210		
63	41.4	32.2	48.2	
89	73.8	61.7	92.5	
182	2.8	2.0	3.0	

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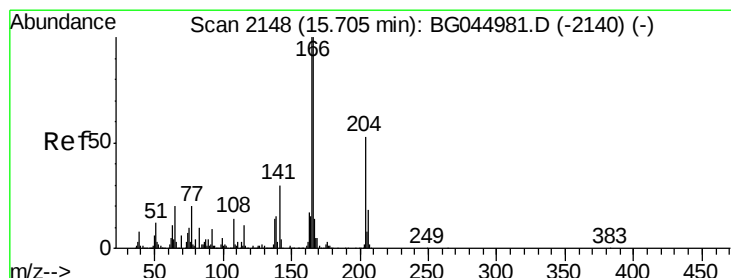
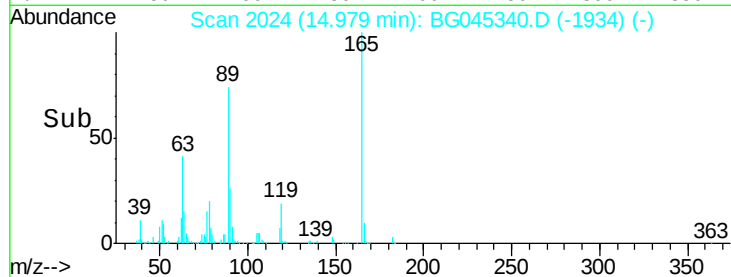
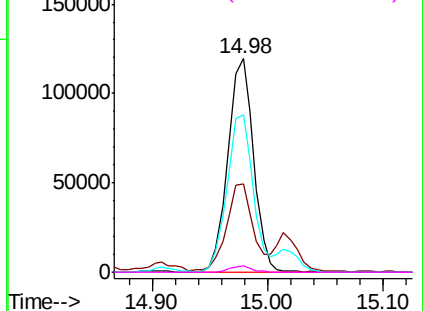


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

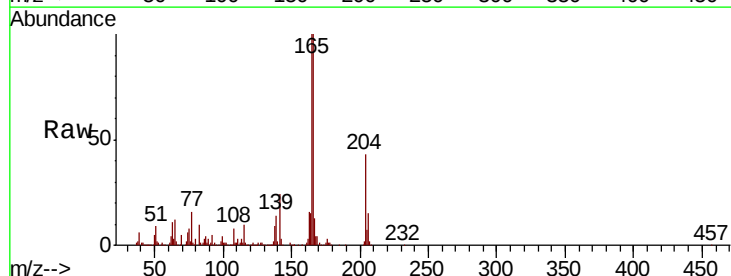
Ion 89.00 (88.70 to 89.70): BG

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 37.770 ng
RT: 15.67 min Scan# 2141
Delta R.T. -0.00 min
Lab File: BG045340.D
Acq: 12 May 2020 22:25

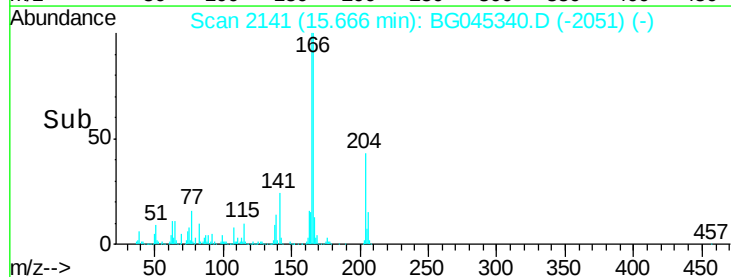
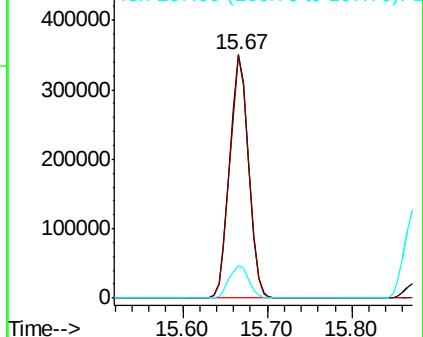
Tgt Ion	Ratio	Resp	Lower	Upper
166	100	537712		
165	99.7	79.9	119.9	
167	13.3	11.4	17.0	

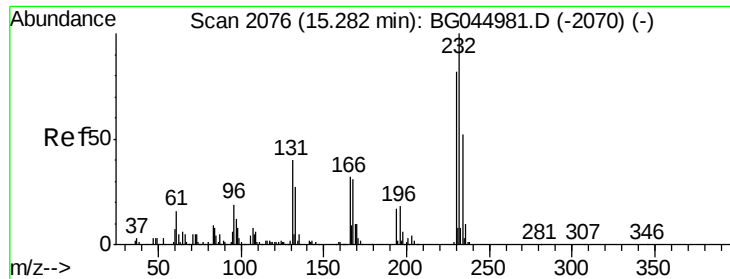


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#59

2,3,4,6-Tetrachlorophenol

Concen: 39.656 ng

RT: 15.25 min Scan# 2070

Delta R.T. -0.00 min

Lab File: BG045340.D

Acq: 12 May 2020 22:25

Instrument :

BNA_G

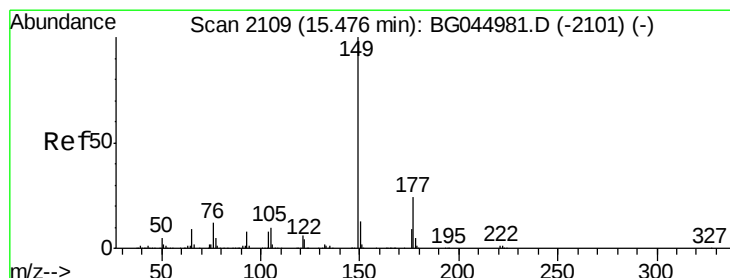
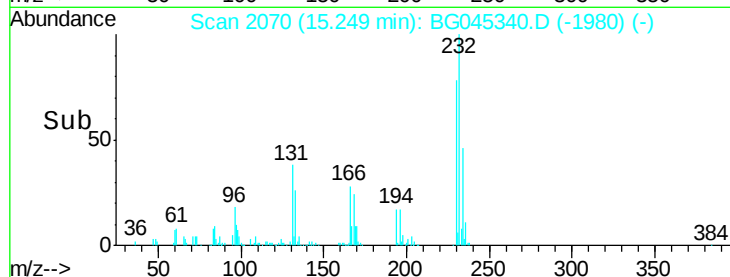
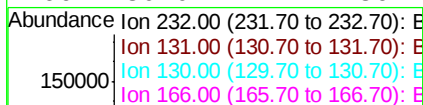
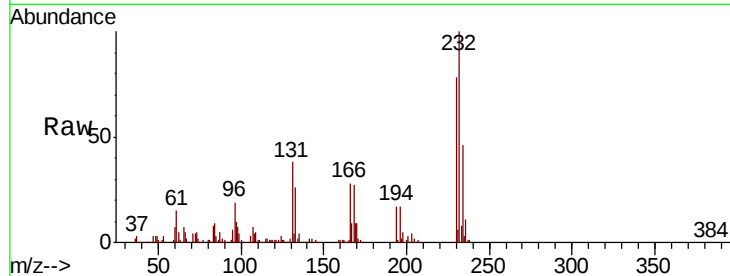
ClientSampleId :

PB128808BSD

Tot Ion	Ratio	Resp	Lower	Upper
232	100	170465		
131	39.6		32.2	48.2
130	2.6		2.2	3.2
166	30.0		24.2	36.4

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#60

Diethylphthalate

Concen: 36.669 ng

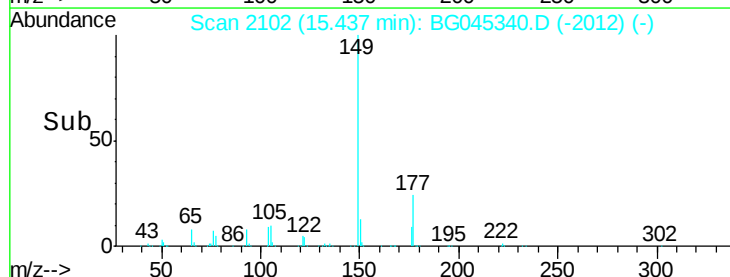
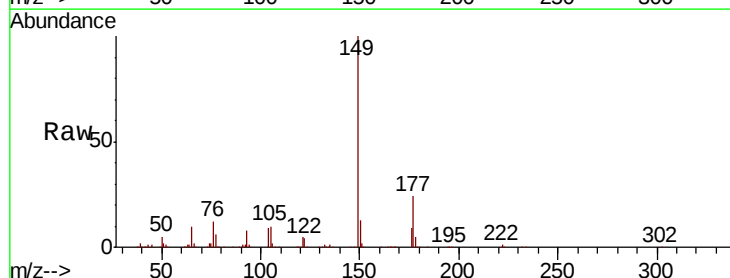
RT: 15.44 min Scan# 2102

Delta R.T. -0.00 min

Lab File: BG045340.D

Acq: 12 May 2020 22:25

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	581427		
177	24.0		18.9	28.3
150	13.2		10.6	15.8





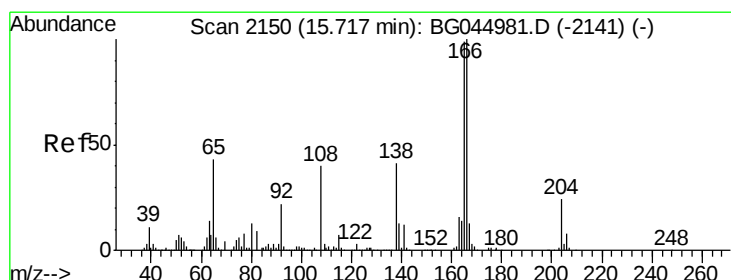
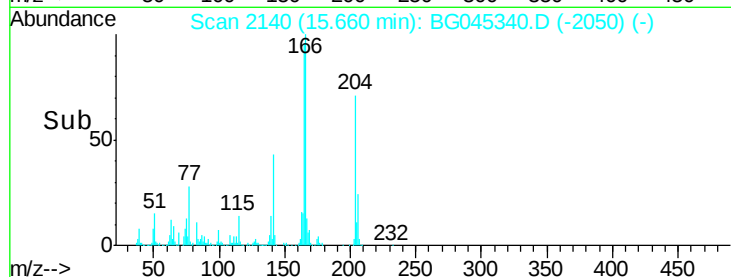
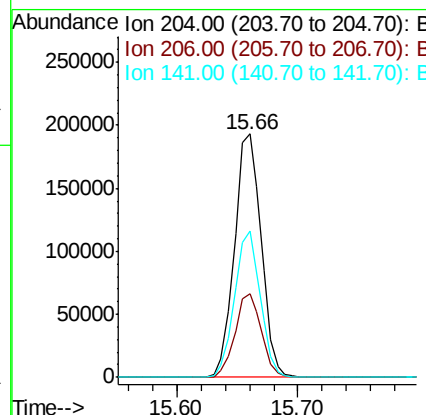
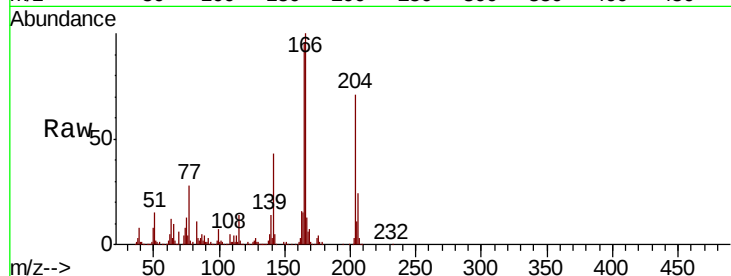
#61
4-Chlorophenyl-phenylether
Concen: 36.300 ng
RT: 15.66 min Scan# 2140
Delta R.T. -0.00 min
Lab File: BG045340.D
Acq: 12 May 2020 22:25

Instrument :
BNA_G
ClientSampleId :
PB128808BSD

Tot Ion	Ratio	Resp	Lower	Upper
204	100			
206	34.1	26.9	40.3	
141	60.3	46.3	69.5	

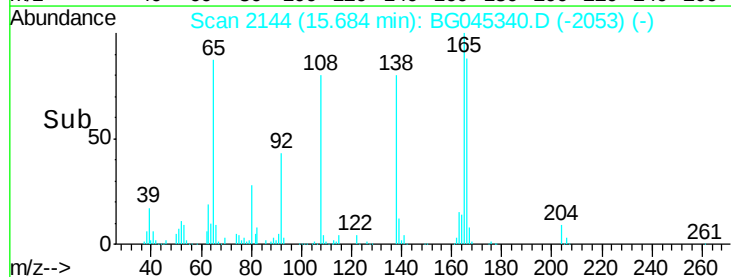
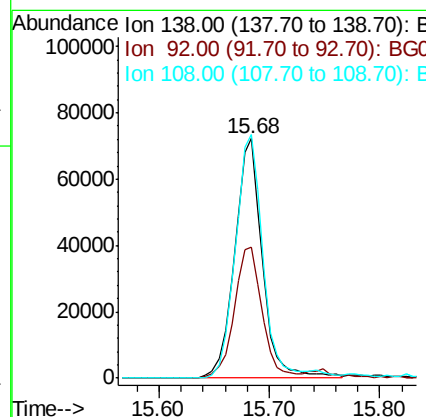
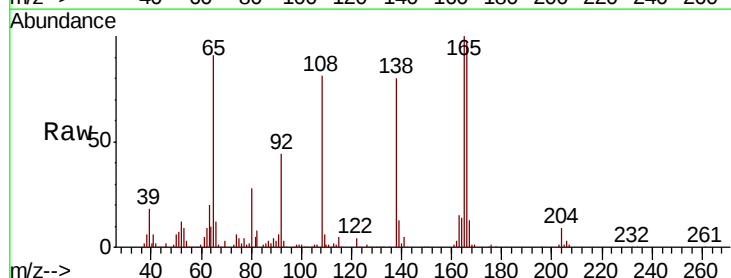
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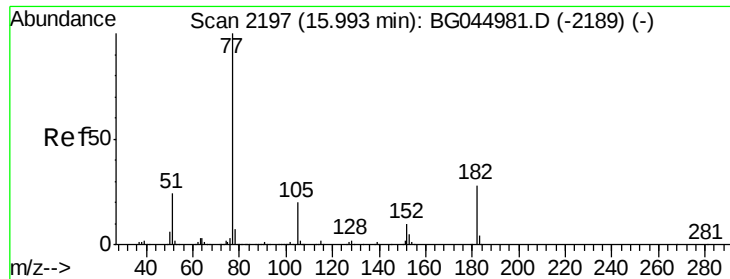
mohammad
5/14/2020 11:53:50 AM



#62
4-Nitroaniline
Concen: 32.773 ng
RT: 15.68 min Scan# 2144
Delta R.T. 0.00 min
Lab File: BG045340.D
Acq: 12 May 2020 22:25

Tgt Ion	Ratio	Resp	Lower	Upper
138	100			
92	54.8	33.6	73.6	
108	101.6	78.2	118.2	





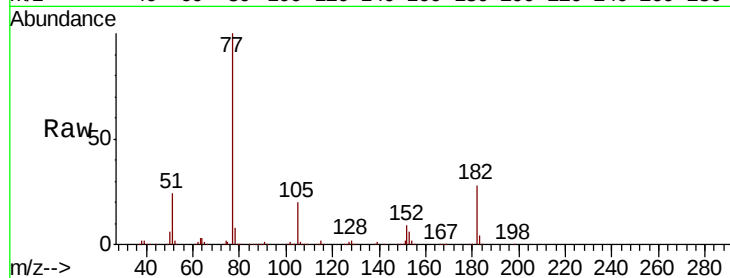
#63
Azobenzene
Concen: 37.572 ng
RT: 15.95 min Scan# 2190
Delta R.T. -0.00 min
Lab File: BG045340.D
Acq: 12 May 2020 22:25

Instrument :
BNA_G
ClientSampleId :
PB128808BSD

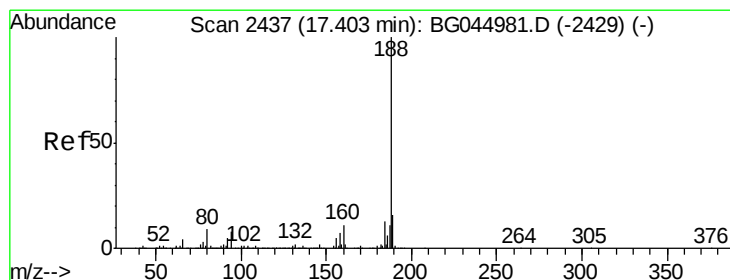
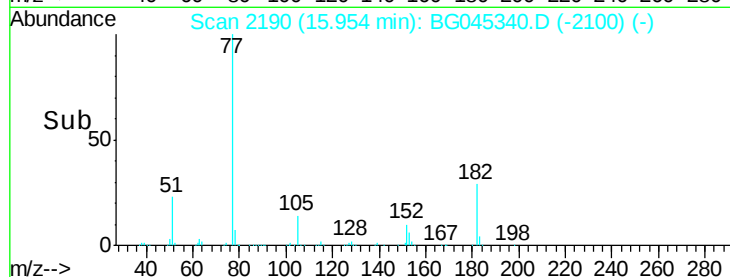
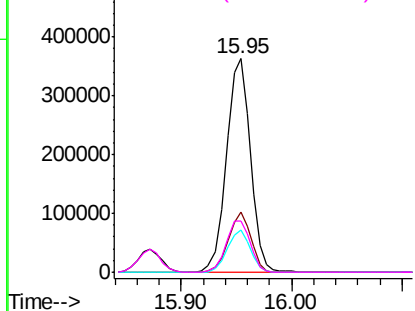
Tot Ion	Ratio	Resp	Lower	Upper
77	100	549250		
182	28.1		8.4	48.4
105	19.9		0.5	40.5
51	23.8		4.4	44.4

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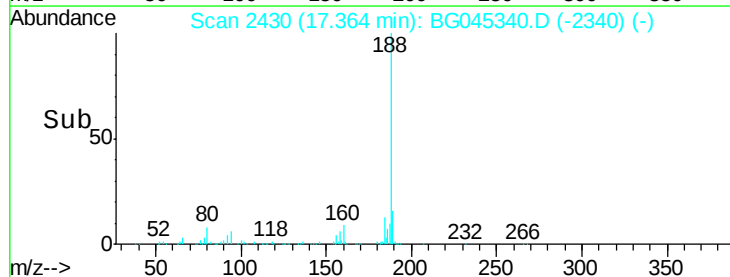
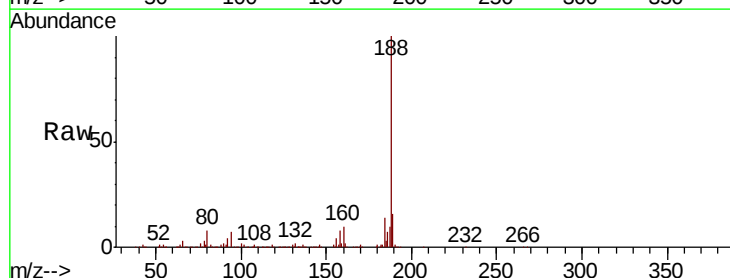
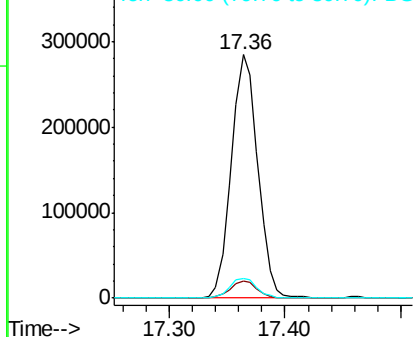
Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

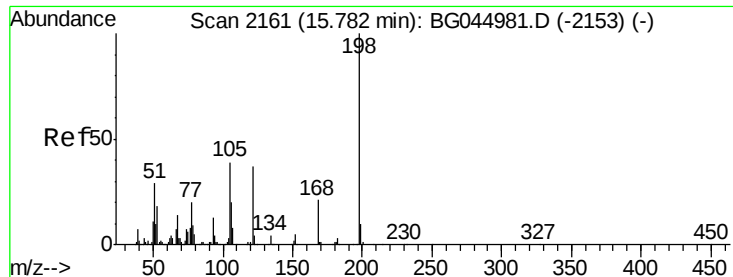


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.36 min Scan# 2430
Delta R.T. -0.00 min
Lab File: BG045340.D
Acq: 12 May 2020 22:25

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	452354		
94	6.9		6.2	9.4
80	8.2		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: 37.521 ng

RT: 15.75 min Scan# 2155

Delta R.T. 0.00 min

Lab File: BG045340.D

Acq: 12 May 2020 22:25

Instrument :

BNA_G

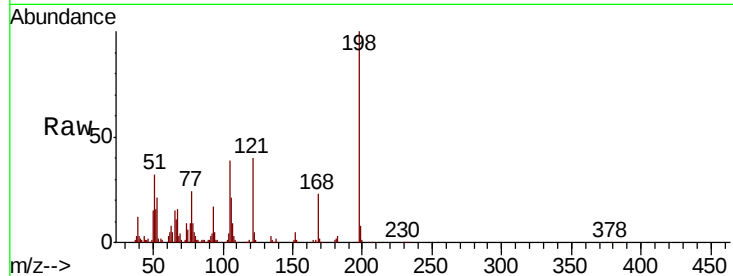
ClientSampleId :

PB128808BSD

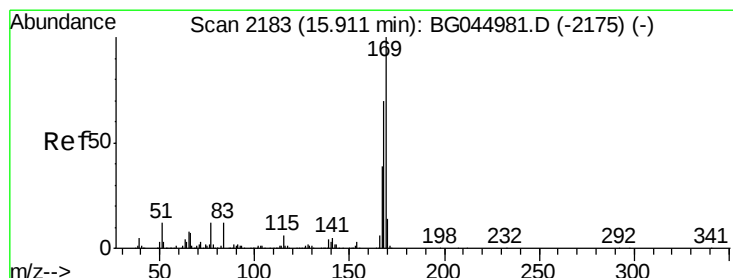
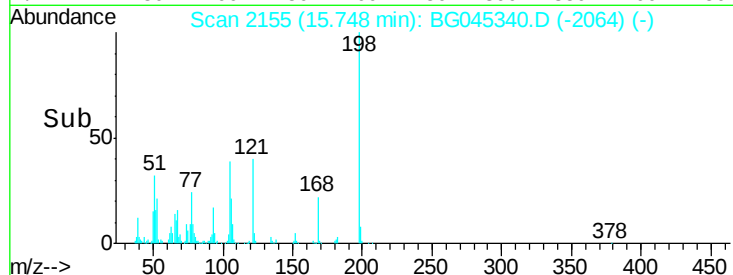
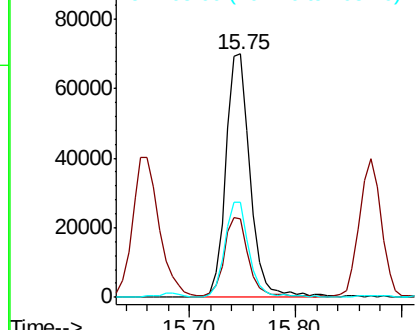
Tot Ion:	198	Resp:	111564
Ion Ratio	Lower	Upper	
198	100		
51	32.5	10.0	50.0
105	38.9	18.9	58.9

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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: 37.459 ng

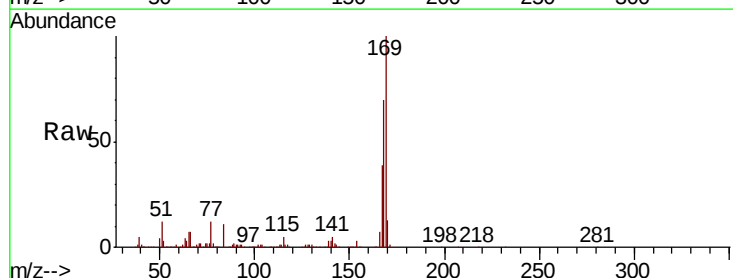
RT: 15.87 min Scan# 2176

Delta R.T. -0.00 min

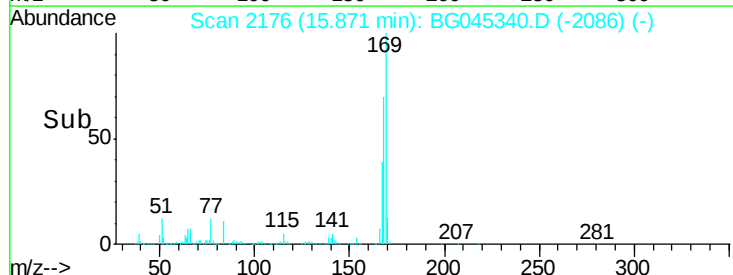
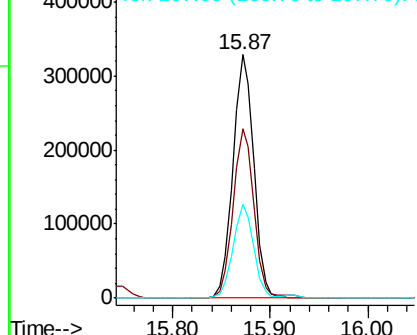
Lab File: BG045340.D

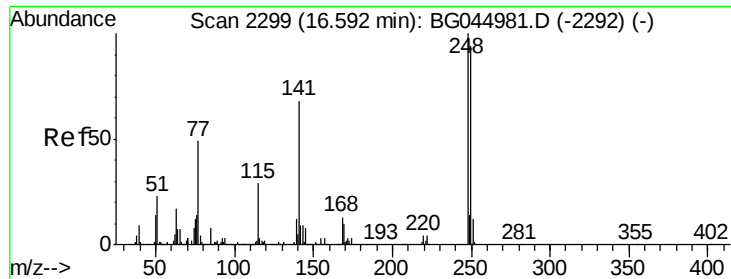
Acq: 12 May 2020 22:25

Tgt Ion:	169	Resp:	486853
Ion Ratio	Lower	Upper	
169	100		
168	69.6	55.8	83.8
167	38.7	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





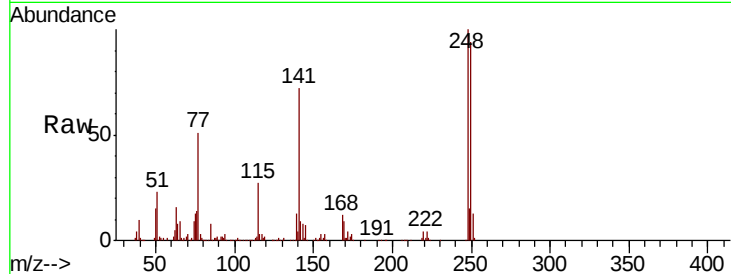
#67
4-Bromophenyl-phenylether
Concen: 35.192 ng
RT: 16.55 min Scan# 2292
Delta R.T. -0.00 min
Lab File: BG045340.D
Acq: 12 May 2020 22:25

Instrument :
BNA_G
ClientSampleId :
PB128808BSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	94.4	75.4	113.2
141	71.7	54.4	81.6

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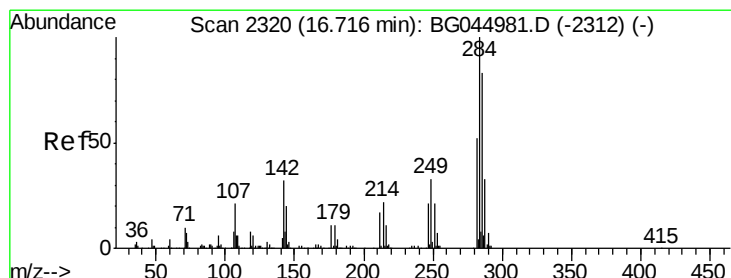
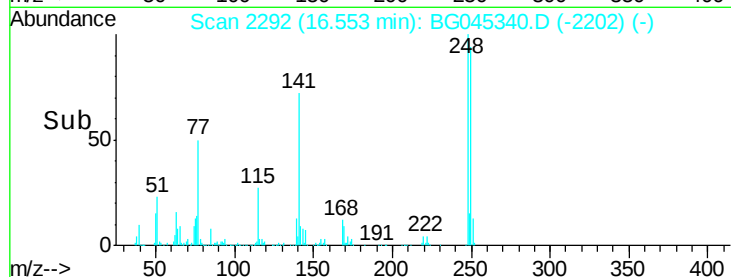
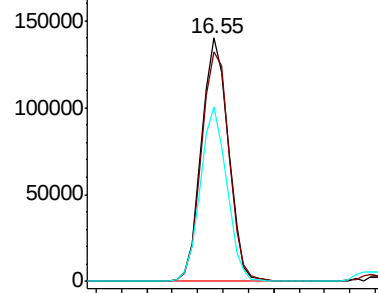


Abundance

Ion 248.00 (247.70 to 248.70): E

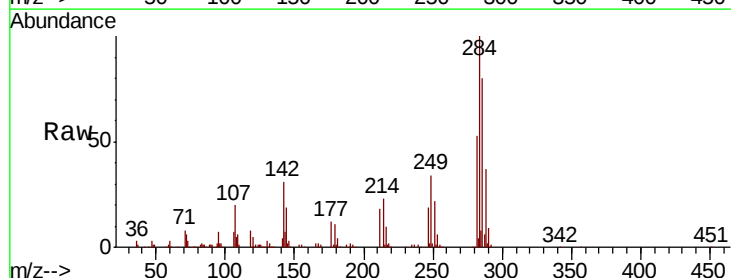
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 36.592 ng
RT: 16.68 min Scan# 2314
Delta R.T. -0.00 min
Lab File: BG045340.D
Acq: 12 May 2020 22:25

Tgt Ion	Ratio	Lower	Upper
284	100		
142	30.6	25.8	38.6
249	33.7	26.6	39.8

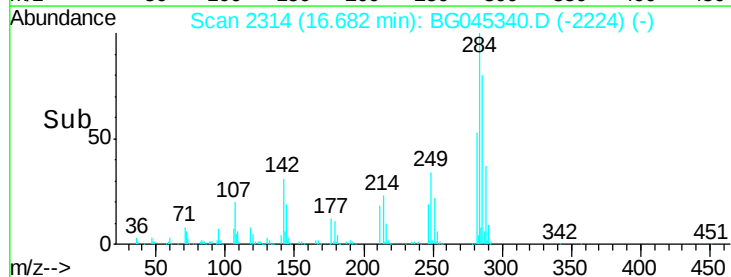
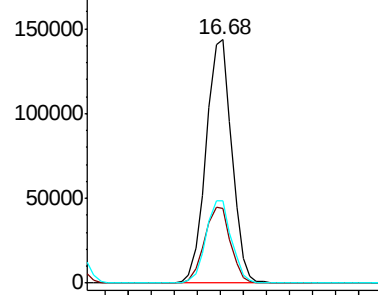


Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





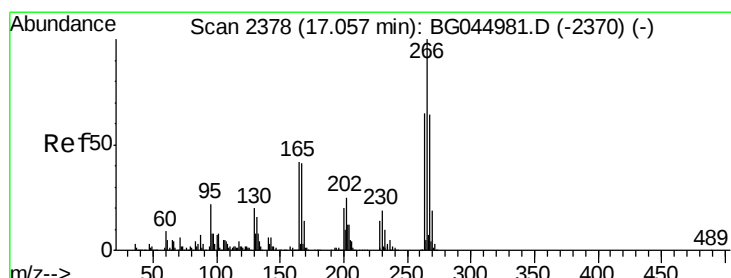
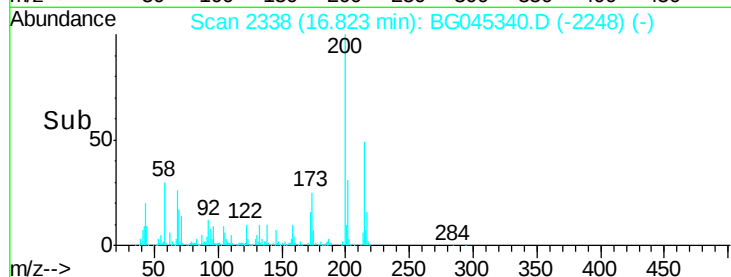
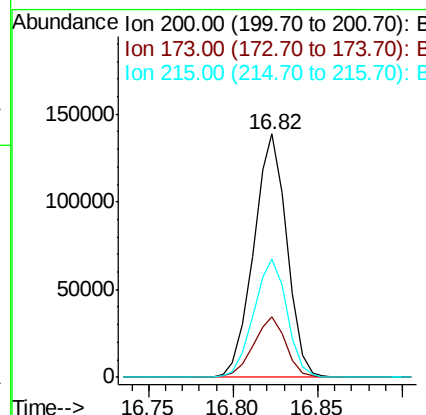
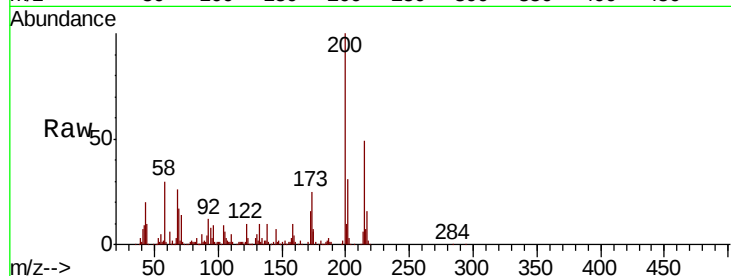
#69
Atrazine
Concen: 39.258 ng
RT: 16.82 min Scan# 2338
Delta R.T. -0.00 min
Lab File: BG045340.D
Acq: 12 May 2020 22:25

Instrument :
BNA_G
ClientSampleId :
PB128808BSD

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	25.1	4.5	44.5
215	48.6	30.0	70.0

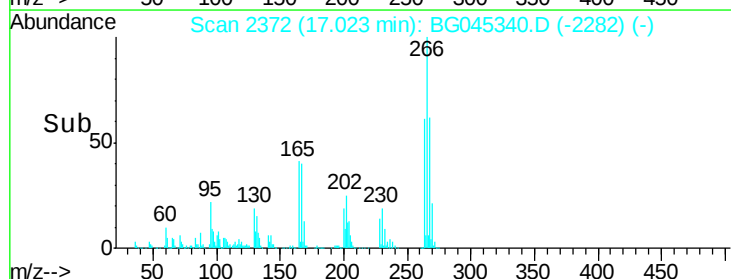
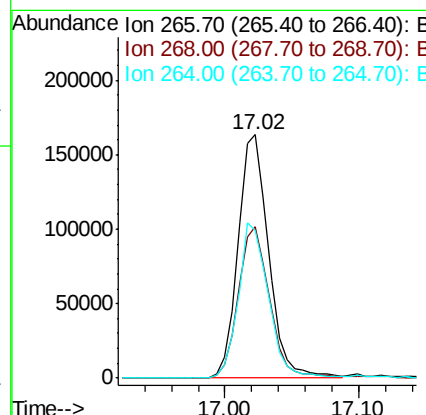
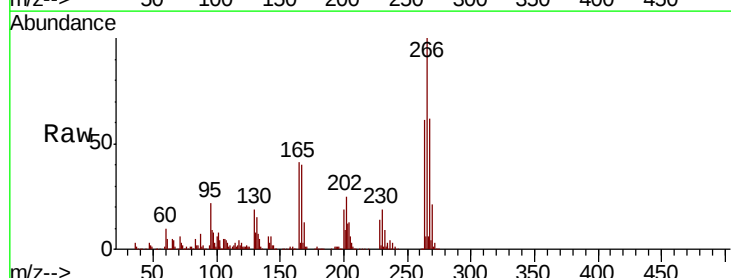
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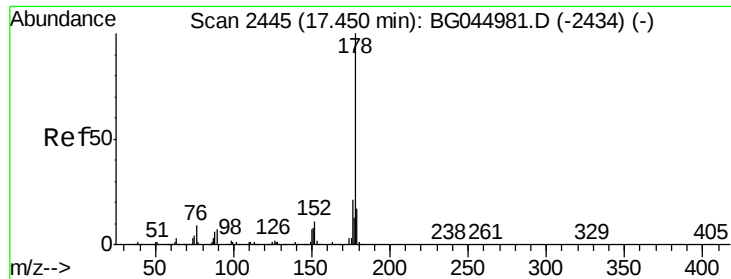
mohammad
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#70
Pentachlorophenol
Concen: 70.158 ng
RT: 17.02 min Scan# 2372
Delta R.T. -0.00 min
Lab File: BG045340.D
Acq: 12 May 2020 22:25

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	62.0	51.5	77.3
264	60.7	52.2	78.4





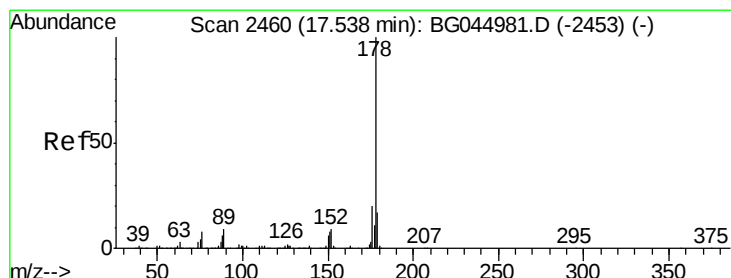
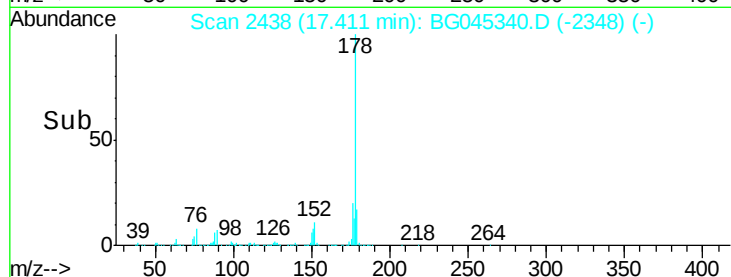
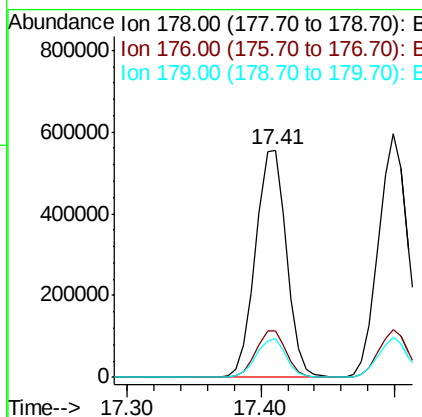
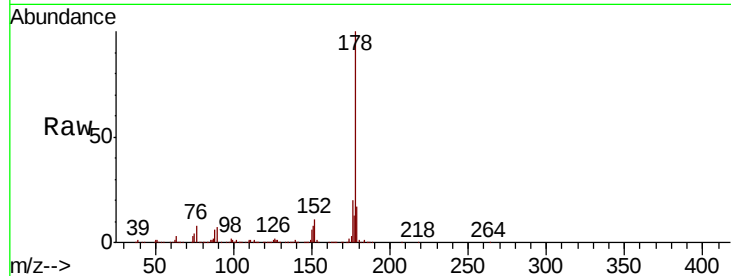
#71
Phenanthrene
Concen: 38.206 ng
RT: 17.41 min Scan# 2438
Delta R.T. -0.00 min
Lab File: BG045340.D
Acq: 12 May 2020 22:25

Instrument :
BNA_G
ClientSampleId :
PB128808BSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.2	16.8	25.2
179	16.8	13.2	19.8

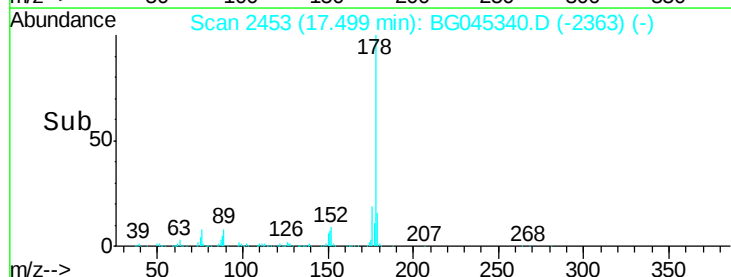
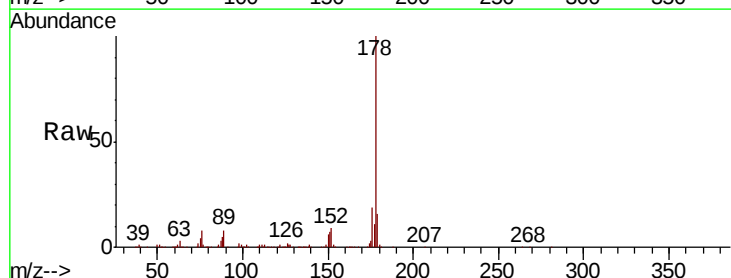
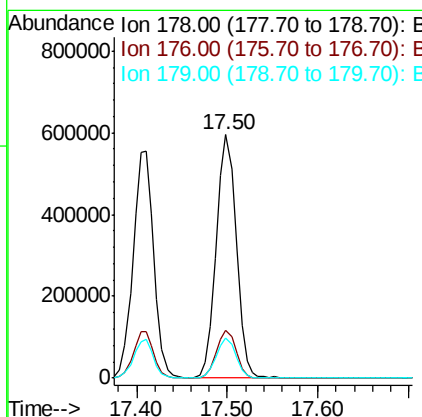
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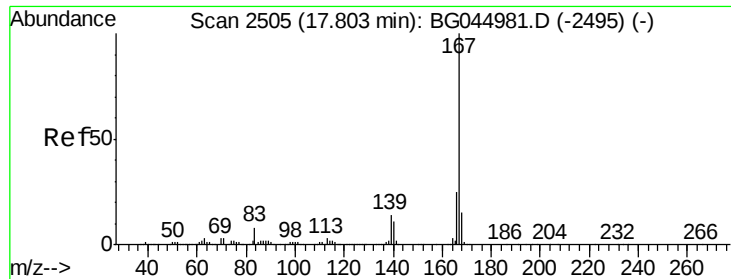
mohammad
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#72
Anthracene
Concen: 39.018 ng
RT: 17.50 min Scan# 2453
Delta R.T. -0.00 min
Lab File: BG045340.D
Acq: 12 May 2020 22:25

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.4	16.0	24.0
179	16.5	13.6	20.4





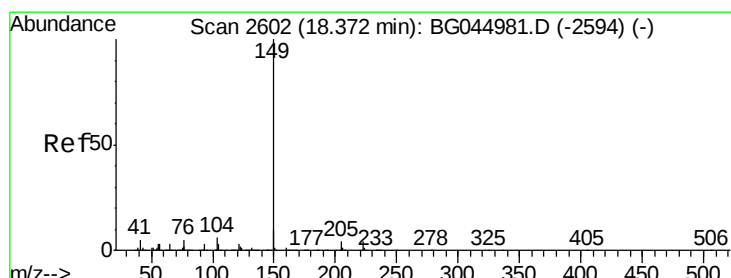
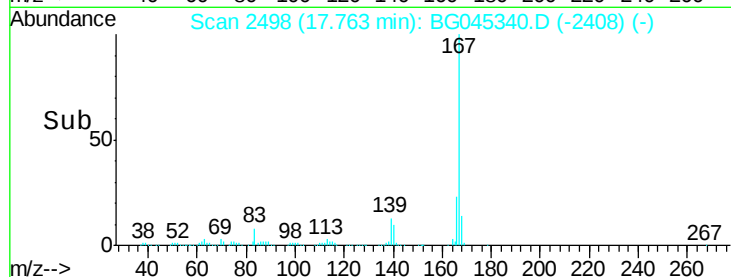
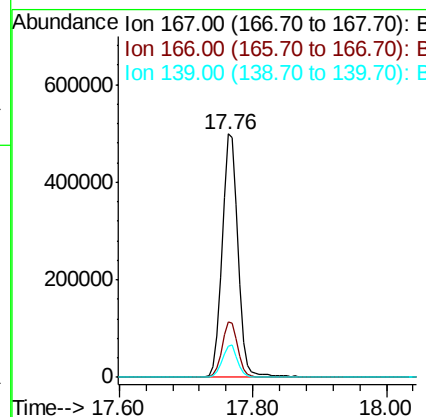
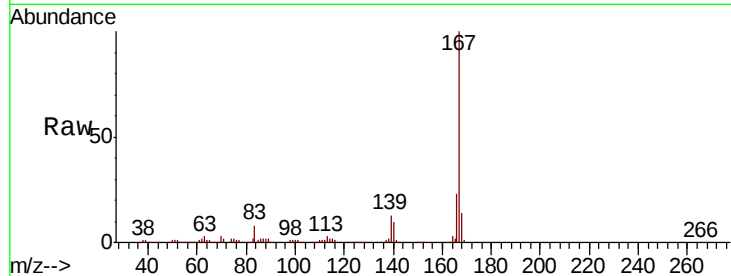
#73
 Carbazole
 Concen: 35.674 ng
 RT: 17.76 min Scan# 2498
 Delta R.T. -0.00 min
 Lab File: BG045340.D
 Acq: 12 May 2020 22:25

Instrument :
 BNA_G
 ClientSampleId :
 PB128808BSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.8	19.8	29.6
139	12.6	10.9	16.3

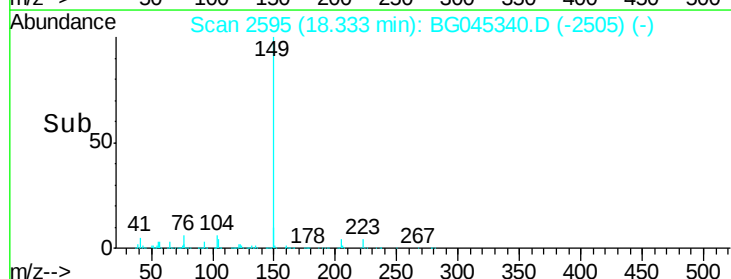
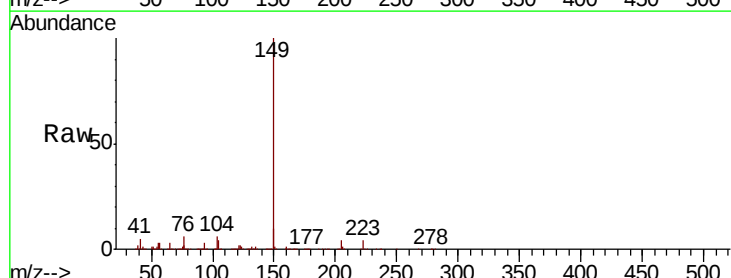
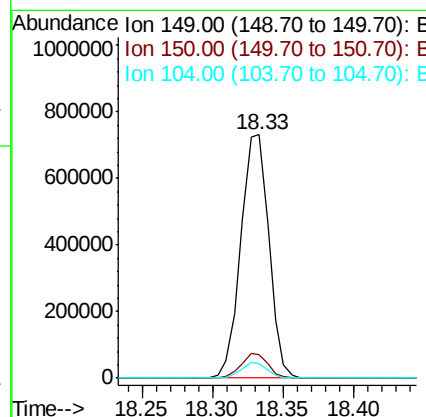
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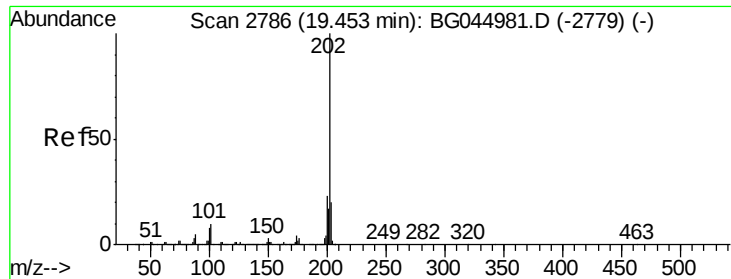
mohammad
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#74
 Di-n-butylphthalate
 Concen: 38.482 ng
 RT: 18.33 min Scan# 2595
 Delta R.T. -0.00 min
 Lab File: BG045340.D
 Acq: 12 May 2020 22:25

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.7	8.2	12.2
104	5.8	4.8	7.2





#75

Fluoranthene

Concen: 39.579 ng

RT: 19.42 min Scan# 2780

Delta R.T. -0.00 min

Lab File: BG045340.D

Acq: 12 May 2020 22:25

Instrument :

BNA_G

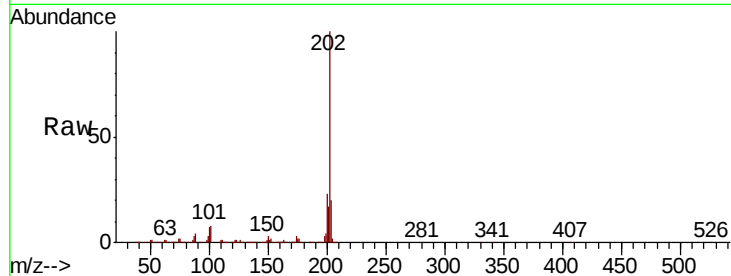
ClientSampleId :

PB128808BSD

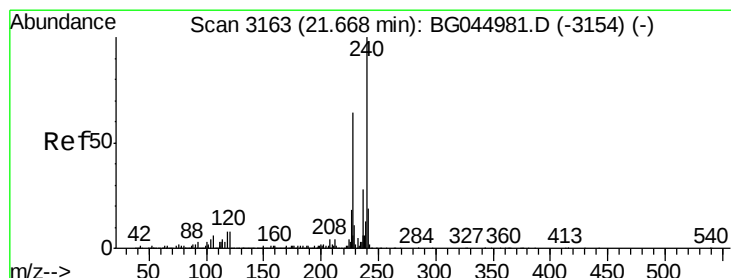
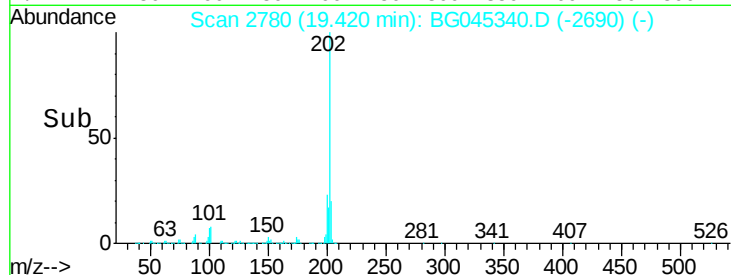
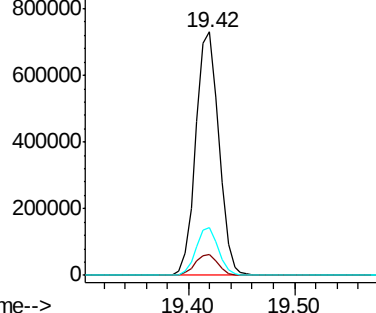
Tot Ion:	202	Resp:	1101690
Ion	Ratio	Lower	Upper
202	100		
101	8.3	0.0	29.6
203	19.5	0.0	39.7

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Abundance Ion 202.00 (201.70 to 202.70): E
1000000
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

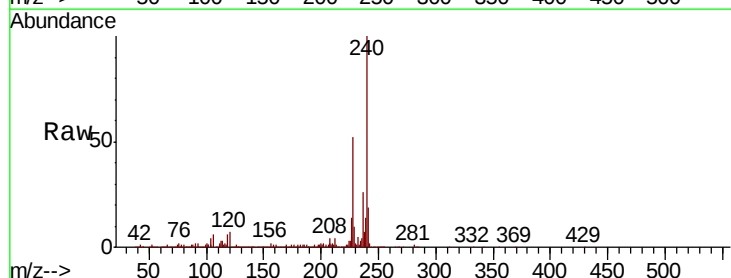
RT: 21.63 min Scan# 3156

Delta R.T. -0.00 min

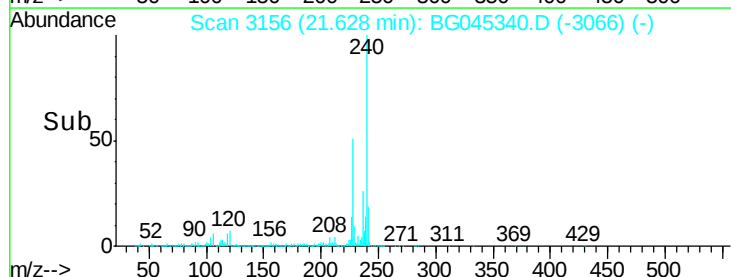
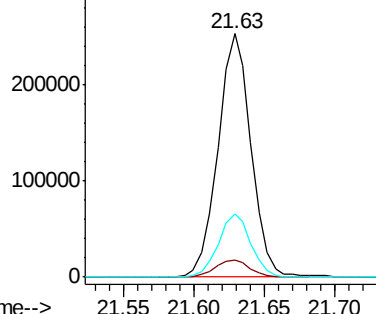
Lab File: BG045340.D

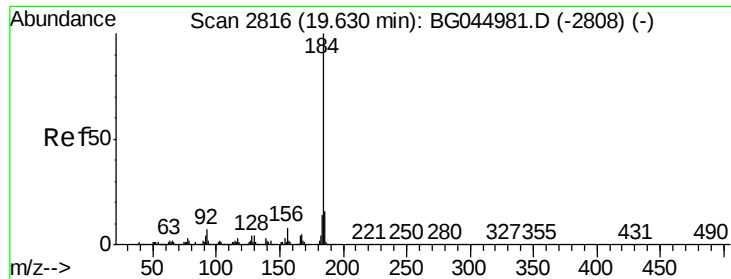
Acq: 12 May 2020 22:25

Tgt Ion:	240	Resp:	415005
Ion	Ratio	Lower	Upper
240	100		
120	6.9	6.6	10.0
236	26.1	22.2	33.2



Abundance Ion 240.00 (239.70 to 240.70): E
300000
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 55.380 ng

RT: 19.60 min Scan# 2810

Delta R.T. -0.00 min

Lab File: BG045340.D

Acq: 12 May 2020 22:25

Instrument :

BNA_G

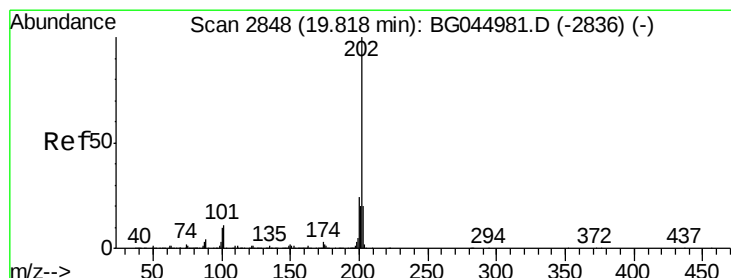
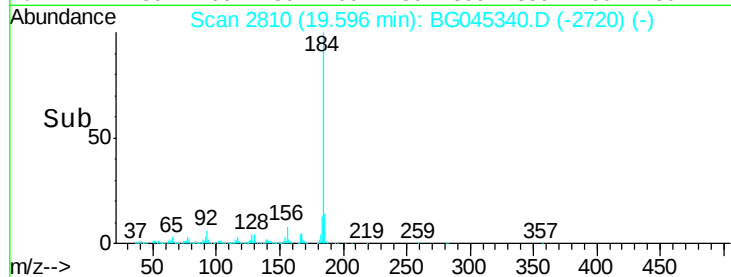
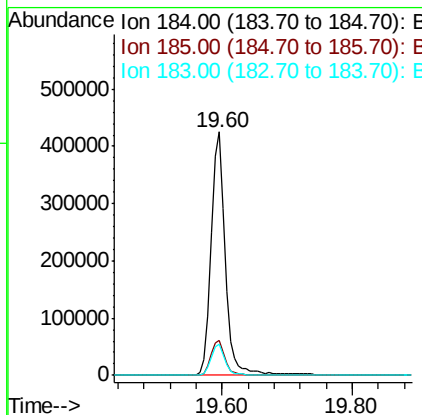
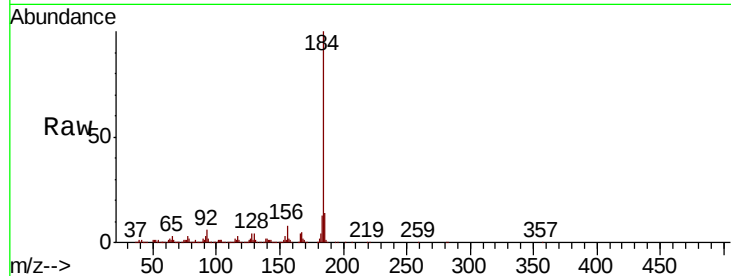
ClientSampleId :

PB128808BSD

Tot Ion:	184	Resp:	649166
Ion Ratio	Lower	Upper	
184	100		
185	14.3	12.6	19.0
183	13.0	11.3	16.9

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#78

Pyrene

Concen: 38.460 ng

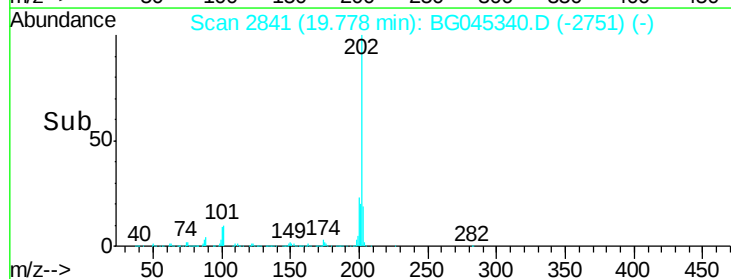
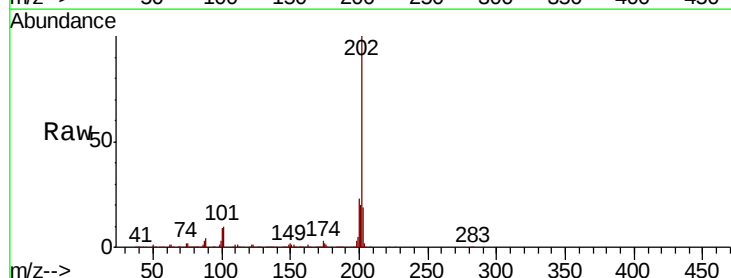
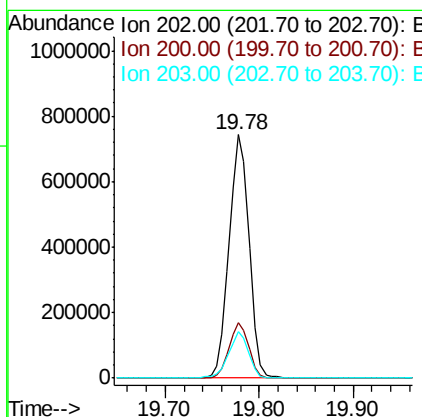
RT: 19.78 min Scan# 2841

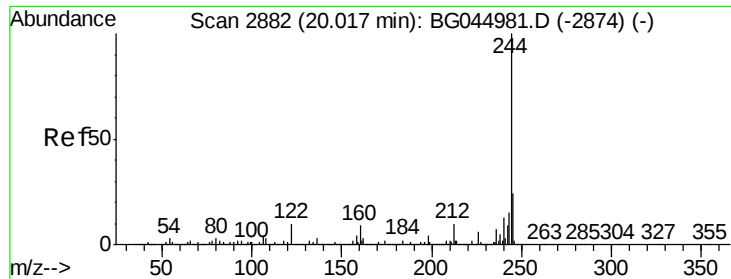
Delta R.T. -0.00 min

Lab File: BG045340.D

Acq: 12 May 2020 22:25

Tgt Ion:	202	Resp:	1100358
Ion Ratio	Lower	Upper	
202	100		
200	22.5	19.0	28.6
203	19.1	16.1	24.1





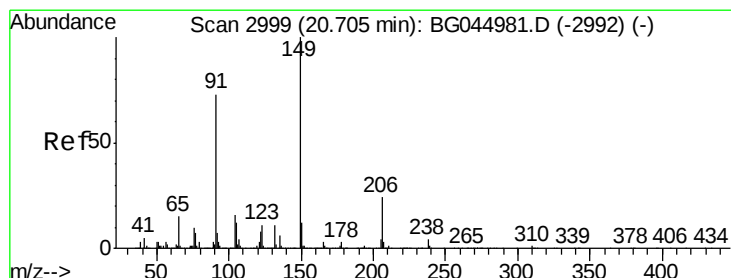
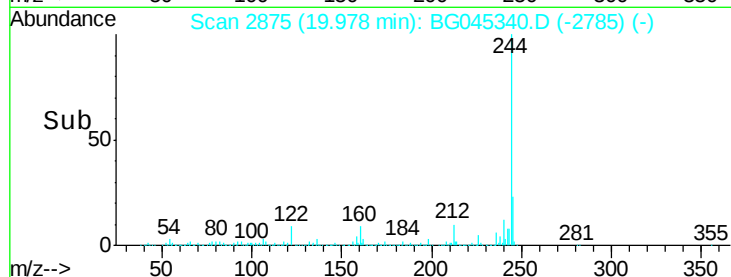
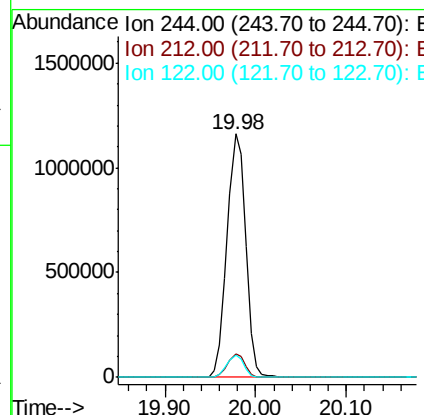
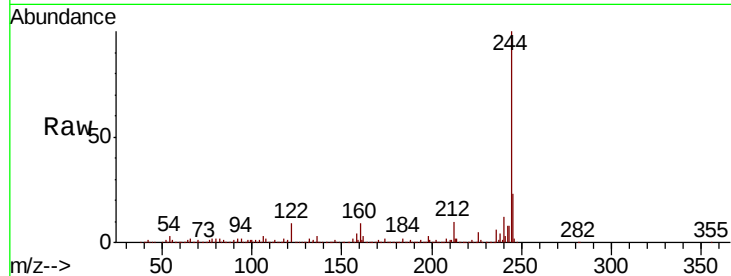
#79
 Terphenyl-d14
 Concen: 87.352 ng
 RT: 19.98 min Scan# 2875
 Delta R.T. -0.00 min
 Lab File: BG045340.D
 Acq: 12 May 2020 22:25

Instrument :
 BNA_G
 ClientSampleId :
 PB128808BSD

Tot Ion	Ratio	Lower	Upper
244	100		
212	9.8	7.9	11.9
122	9.1	7.7	11.5

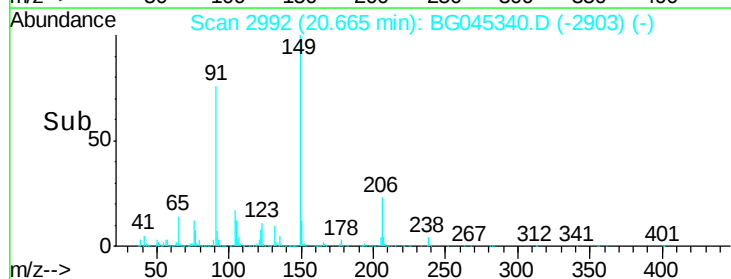
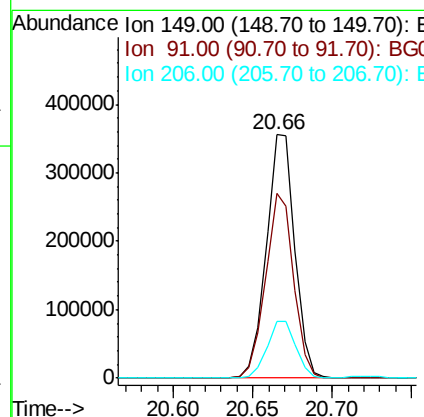
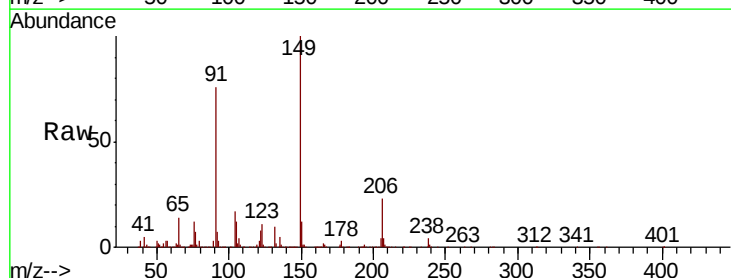
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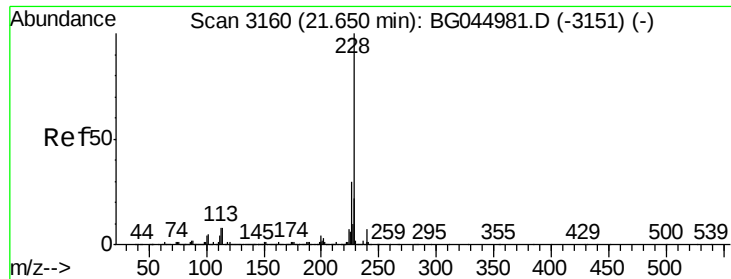
mohammad
 5/14/2020 11:53:50 AM



#80
 Butylbenzylphthalate
 Concen: 37.804 ng
 RT: 20.66 min Scan# 2992
 Delta R.T. -0.01 min
 Lab File: BG045340.D
 Acq: 12 May 2020 22:25

Tgt Ion	Ratio	Lower	Upper
149	100		
91	75.9	58.5	87.7
206	23.3	19.2	28.8





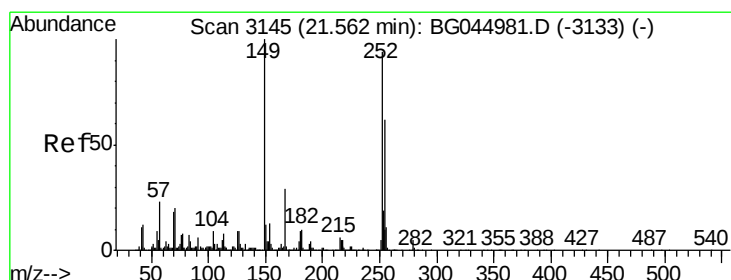
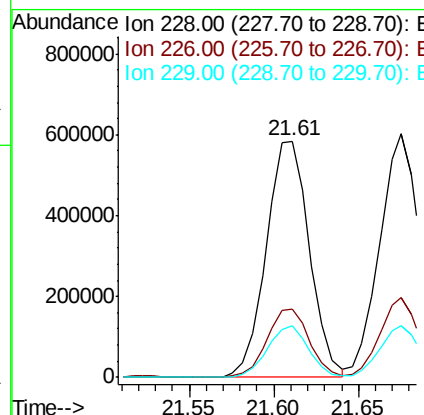
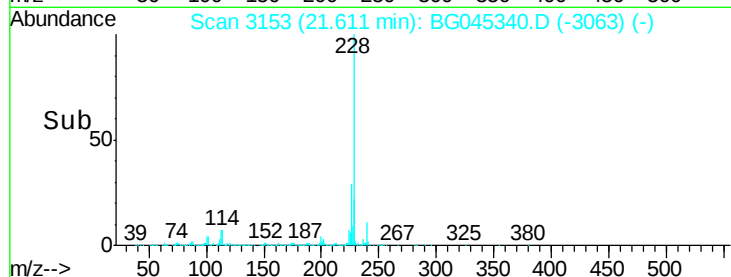
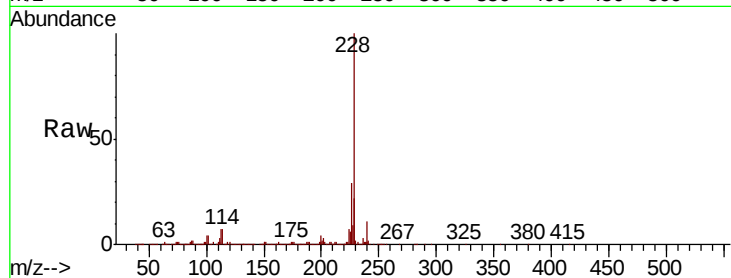
#81
Benzo(a)anthracene
Concen: 38.490 ng
RT: 21.61 min Scan# 3153
Delta R.T. -0.00 min
Lab File: BG045340.D
Acq: 12 May 2020 22:25

Instrument :
BNA_G
ClientSampleId :
PB128808BSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.0	24.0	36.0
229	21.9	17.5	26.3

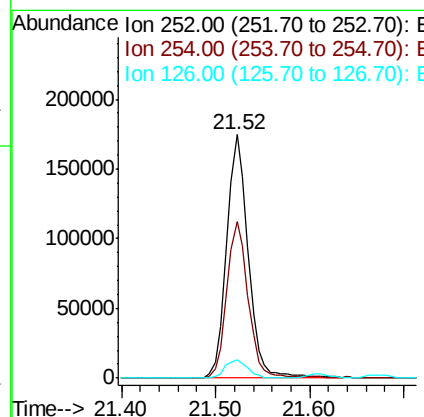
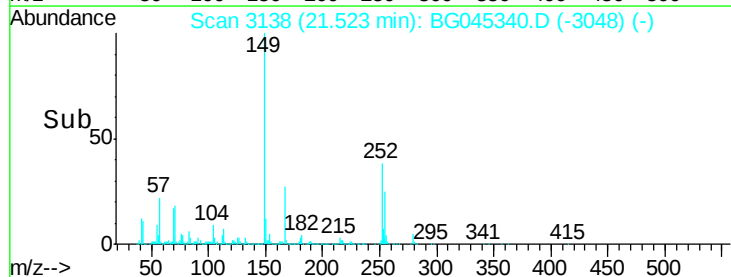
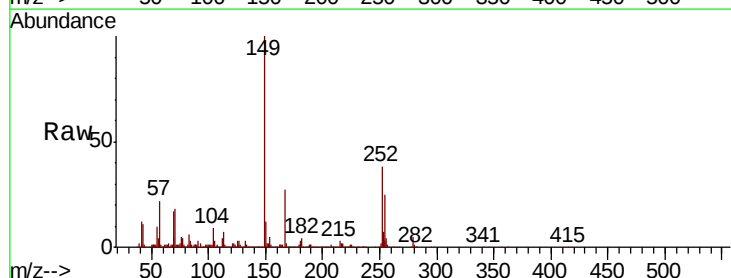
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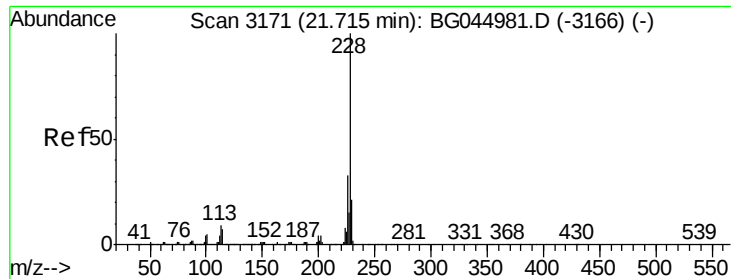
mohammad
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#82
3,3'-Dichlorobenzidine
Concen: 26.216 ng
RT: 21.52 min Scan# 3138
Delta R.T. -0.00 min
Lab File: BG045340.D
Acq: 12 May 2020 22:25

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.1	52.6	79.0
126	7.5	7.5	11.3





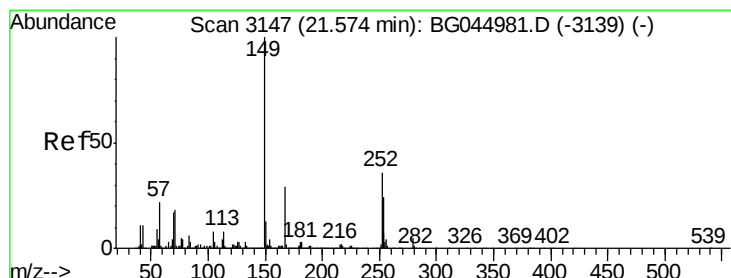
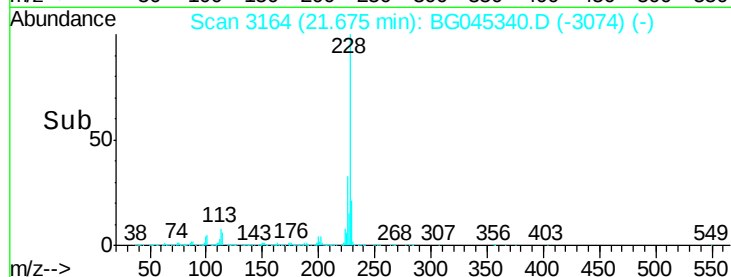
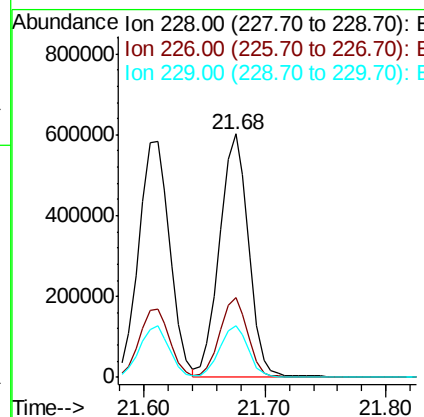
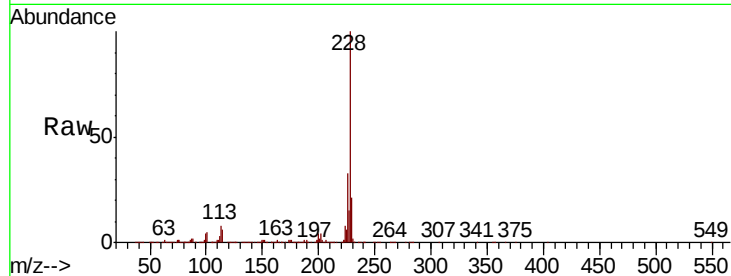
#83
 Chrysene
 Concen: 38.361 ng
 RT: 21.68 min Scan# 3164
 Delta R.T. -0.00 min
 Lab File: BG045340.D
 Acq: 12 May 2020 22:25

Instrument :
 BNA_G
 ClientSampleId :
 PB128808BSD

Tot Ion:	228	Resp:	991401
Ion Ratio	Lower	Upper	
228	100		
226	32.9	26.2	39.4
229	21.0	17.0	25.6

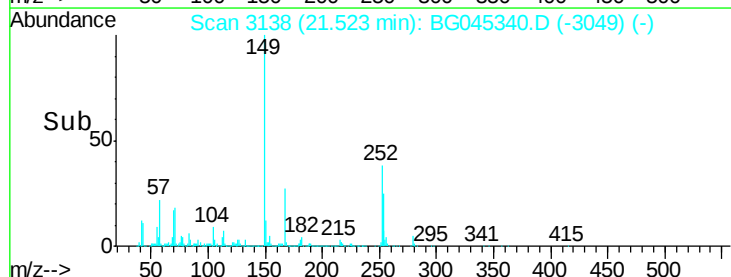
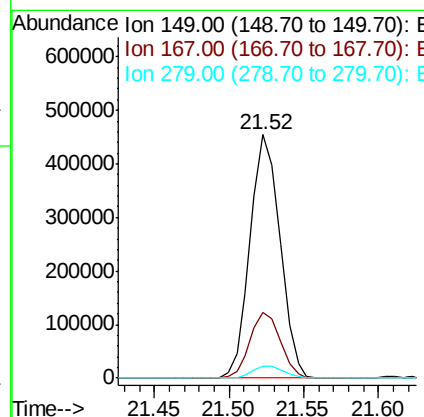
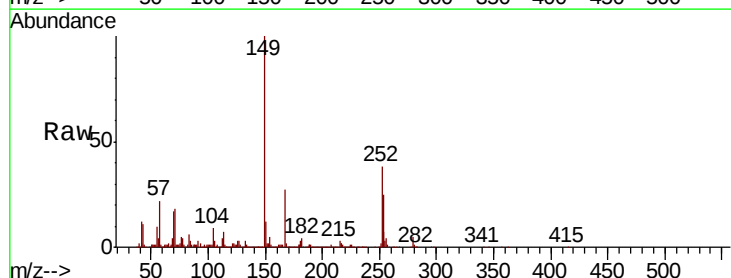
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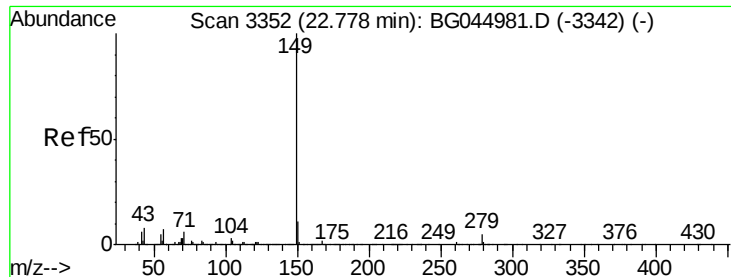
mohammad
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 38.679 ng
 RT: 21.52 min Scan# 3138
 Delta R.T. -0.01 min
 Lab File: BG045340.D
 Acq: 12 May 2020 22:25

Tgt Ion:	149	Resp:	630884
Ion Ratio	Lower	Upper	
149	100		
167	26.9	23.4	35.0
279	4.9	4.3	6.5





#85

Di-n-octyl phthalate

Concen: 38.122 ng

RT: 22.72 min Scan# 3342

Delta R.T. -0.00 min

Lab File: BG045340.D

Acq: 12 May 2020 22:25

Instrument :

BNA_G

ClientSampleId :

PB128808BSD

Tot Ion:149 Resp: 1075266

Ion Ratio Lower Upper

149 100

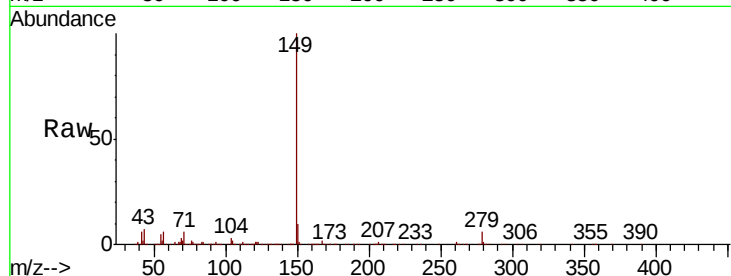
167 1.7 1.4 2.2

43 7.2 5.7 8.5

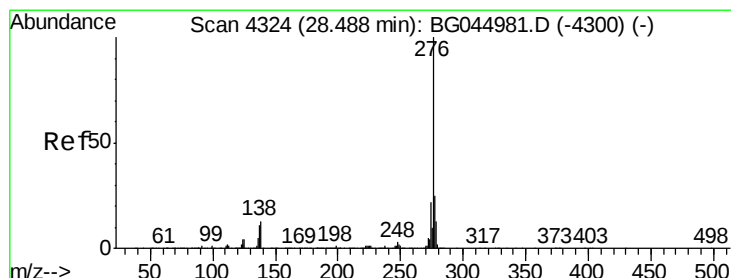
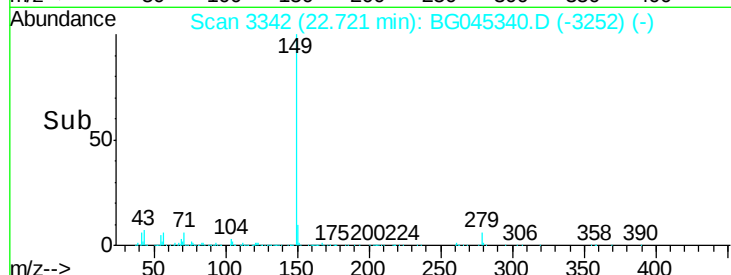
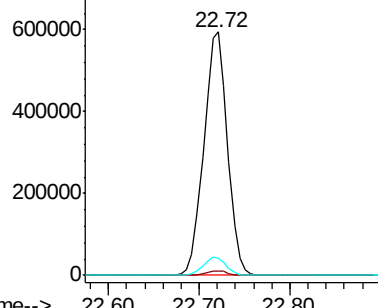
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Abundance Ion 149.00 (148.70 to 149.70): E
800000 Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): B



#86

Indeno(1,2,3-cd)pyrene

Concen: 38.159 ng

RT: 28.38 min Scan# 4306

Delta R.T. -0.01 min

Lab File: BG045340.D

Acq: 12 May 2020 22:25

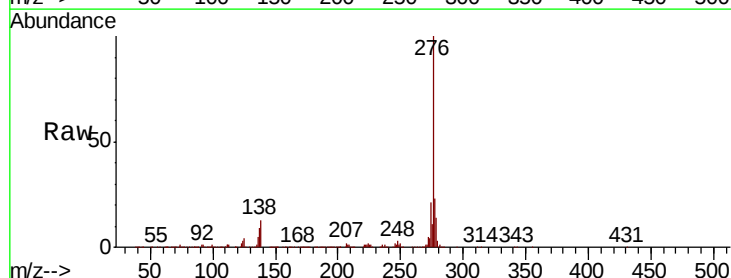
Tgt Ion:276 Resp: 1309348

Ion Ratio Lower Upper

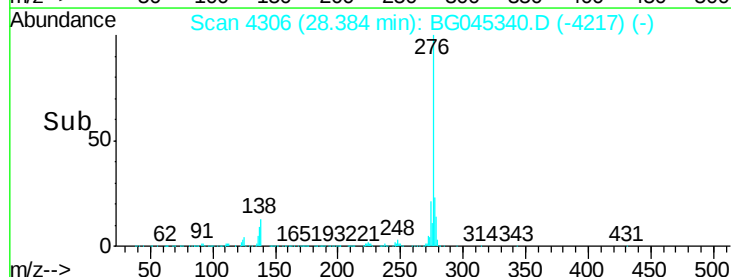
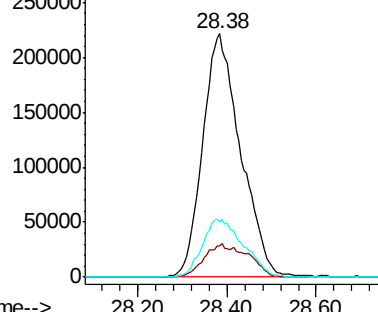
276 100

138 15.8 9.6 14.4#

277 25.8 20.6 31.0



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





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.79 min Scan# 3694

Delta R.T. -0.01 min

Lab File: BG045340.D

Acq: 12 May 2020 22:25

Instrument :

BNA_G

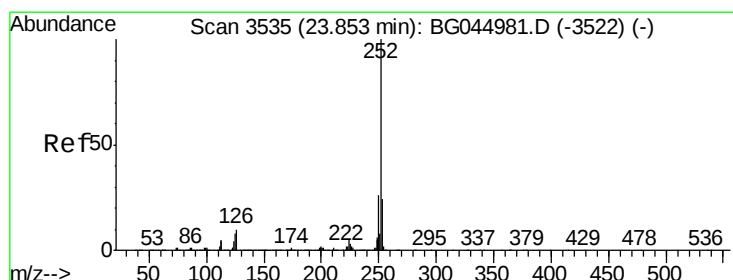
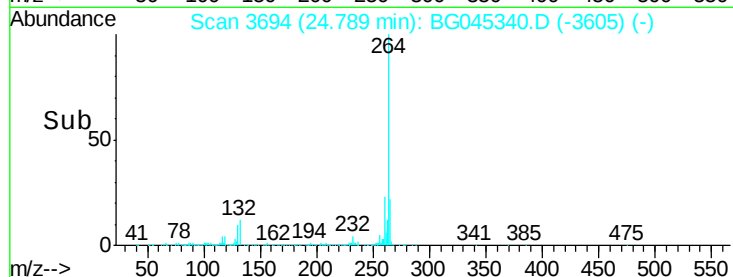
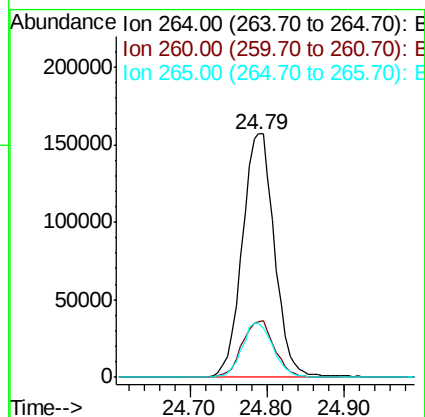
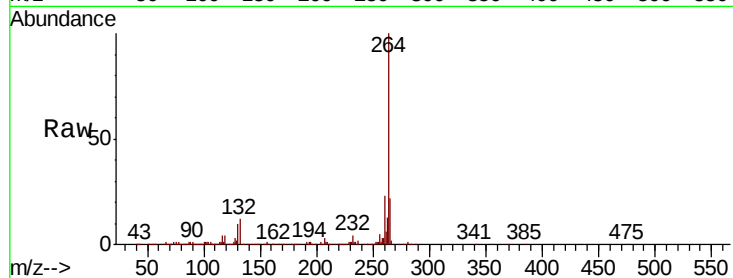
ClientSampleId :

PB128808BSD

Tot Ion:	264	Resp:	459521
Ion Ratio	Lower	Upper	
264	100		
260	23.0	19.2	28.8
265	22.0	19.0	28.4

Manual Integrations
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#88

Benzo(b)fluoranthene

Concen: 38.488 ng

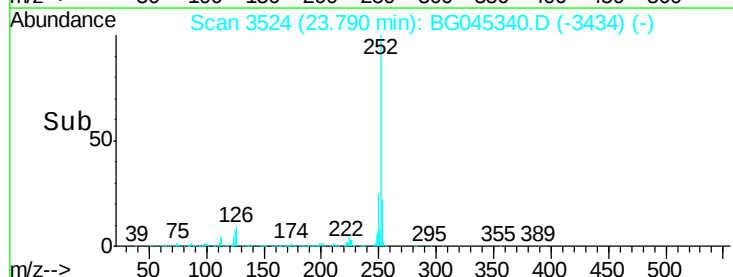
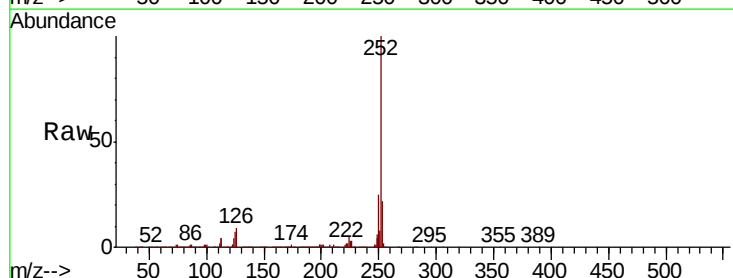
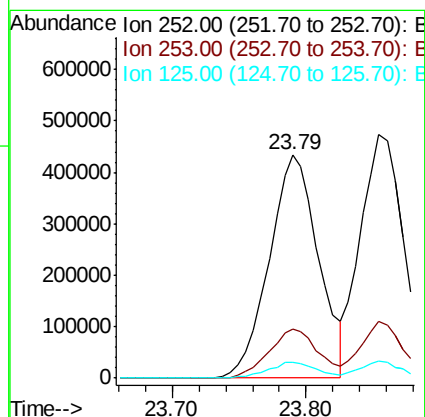
RT: 23.79 min Scan# 3524

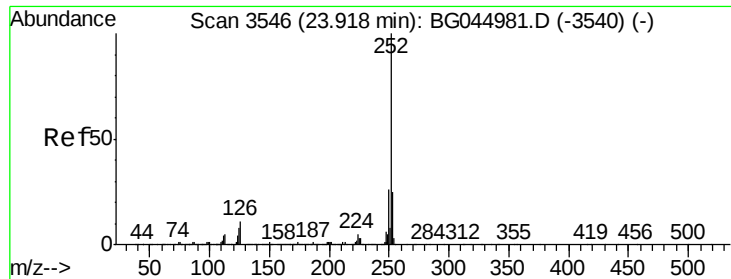
Delta R.T. -0.00 min

Lab File: BG045340.D

Acq: 12 May 2020 22:25

Tgt Ion:	252	Resp:	1107850
Ion Ratio	Lower	Upper	
252	100		
253	21.9	18.8	28.2
125	6.9	6.2	9.4





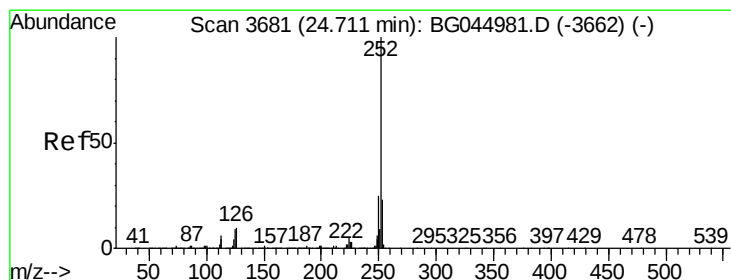
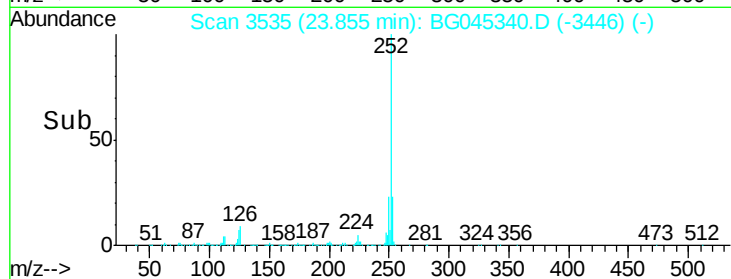
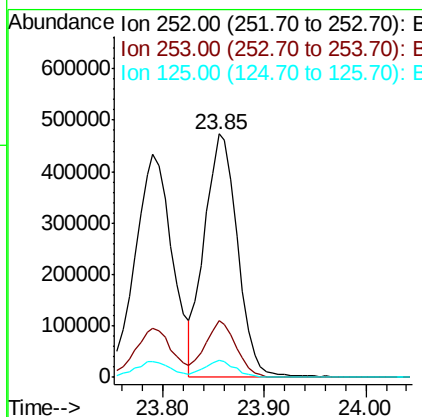
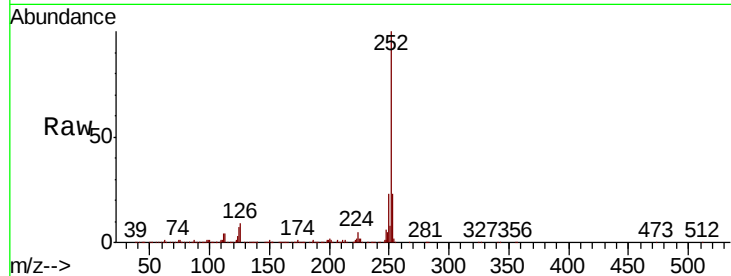
#89
Benzo(k)fluoranthene
Concen: 38.912 ng
RT: 23.85 min Scan# 3535
Delta R.T. -0.01 min
Lab File: BG045340.D
Acq: 12 May 2020 22:25

Instrument :
BNA_G
ClientSampleId :
PB128808BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.1	19.2	28.8
125	6.9	5.9	8.9

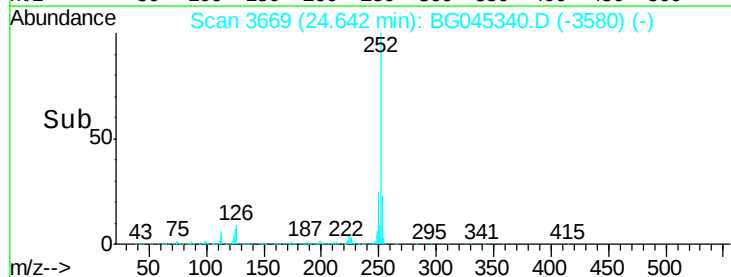
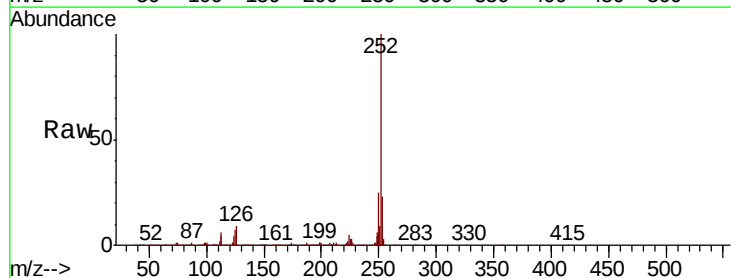
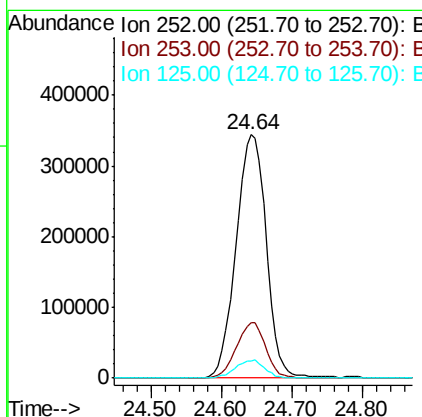
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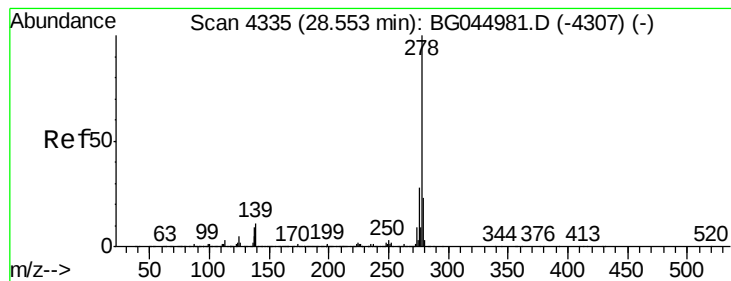
mohammad
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#90
Benzo(a)pyrene
Concen: 37.684 ng
RT: 24.64 min Scan# 3669
Delta R.T. -0.01 min
Lab File: BG045340.D
Acq: 12 May 2020 22:25

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.3	27.5
125	6.9	7.0	10.6





#91

Dibenzo(a,h)anthracene

Concen: 38.917 ng

RT: 28.45 min Scan# 4317

Delta R.T. -0.01 min

Lab File: BG045340.D

Acq: 12 May 2020 22:25

Instrument :

BNA_G

ClientSampleId :

PB128808BSD

Tot Ion:278 Resp: 1065734

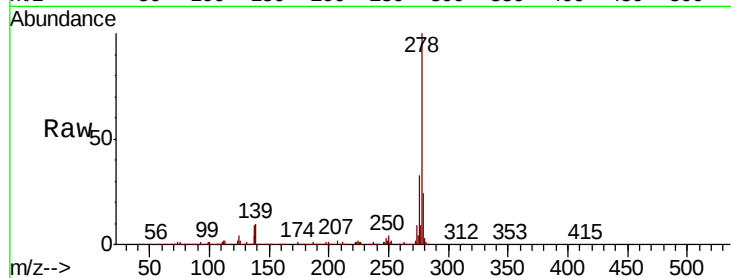
Ion	Ratio	Lower	Upper
278	100		
139	10.0	9.0	13.6
279	23.9	18.4	27.6

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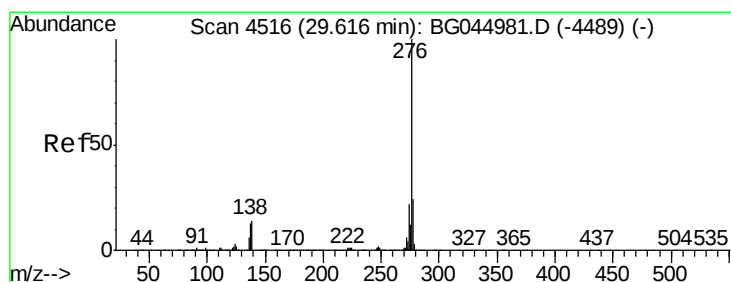
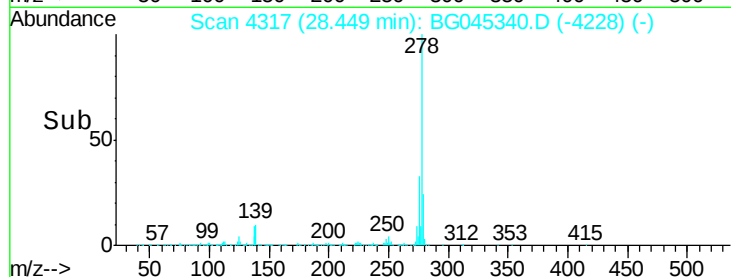
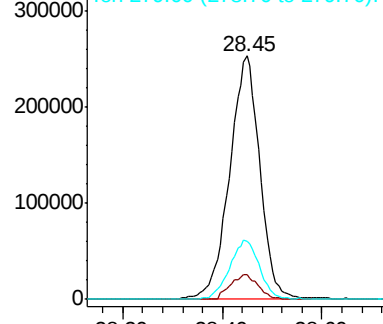


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 39.354 ng

RT: 29.50 min Scan# 4496

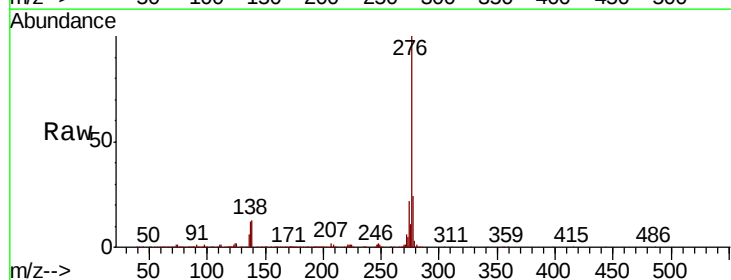
Delta R.T. -0.01 min

Lab File: BG045340.D

Acq: 12 May 2020 22:25

Tgt Ion:276 Resp: 1080450

Ion	Ratio	Lower	Upper
276	100		
277	24.1	19.3	28.9
138	13.5	11.4	17.2



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

