

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041520\
 Data File : BG044990.D
 Acq On : 15 Apr 2020 20:17
 Operator : CG/JU
 Sample : PB128245BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB128245BS

Manual Integrations
 APPROVED

mohammad
 4/16/2020 12:54:57 PM

Quant Time: Apr 16 05:14:59 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 15 17:57:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	62692	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	271945	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	214649	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	549828	20.00	ng	0.00
76) Chrysene-d12	21.67	240	524113	20.00	ng	0.00
87) Perylene-d12	24.85	264	591112	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.59	112	584140	153.83	ng	0.00
7) Phenol-d6	7.18	99	852020	151.02	ng	0.00
23) Nitrobenzene-d5	9.18	82	527173	88.45	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	459978	138.71	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	1264224	86.36	ng	0.00
79) Terphenyl-d14	20.01	244	2355674	97.96	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.48	88	67973	40.278	ng	93
3) Pyridine	3.88	79	201784	38.834	ng	98
4) n-Nitrosodimethylamine	3.79	42	73859	46.401	ng	96
6) Aniline	7.34	93	267155	36.419	ng	100
8) 2-Chlorophenol	7.59	128	217730	53.351	ng	99
9) Benzaldehyde	7.15	77	114188	34.403	ng	100
10) Phenol	7.21	94	304290	53.897	ng	97
11) bis(2-Chloroethyl)ether	7.44	93	203677	45.312	ng	97
12) 1,3-Dichlorobenzene	7.91	146	224204	46.621	ng	97
13) 1,4-Dichlorobenzene	8.06	146	228276	47.638	ng	97
14) 1,2-Dichlorobenzene	8.38	146	212282	46.306	ng	98
15) Benzyl Alcohol	8.26	79	224785	47.521	ng	93
16) 2,2'-oxybis(1-Chloropropan	8.55	45	189276	42.896	ng	98
17) 2-Methylphenol	8.46	107	206563	47.421	ng	96
18) Hexachloroethane	9.11	117	82198	45.629	ng	94
19) n-Nitroso-di-n-propylamine	8.83	70	185093	46.390	ng	97
20) 3+4-Methylphenols	8.79	107	292805	48.024	ng	97
22) Acetophenone	8.84	105	337146	45.845	ng	97
24) Nitrobenzene	9.22	77	274691	44.964	ng	99
25) Isophorone	9.75	82	529000	43.342	ng	98
26) 2-Nitrophenol	9.94	139	123744	47.024	ng	99
27) 2,4-Dimethylphenol	10.00	122	219035	52.458	ng	98
28) bis(2-Chloroethoxy)methane	10.23	93	303493	47.327	ng	99
29) 2,4-Dichlorophenol	10.48	162	245767	50.975	ng	96
30) 1,2,4-Trichlorobenzene	10.70	180	242666	44.454	ng	94
31) Naphthalene	10.89	128	692397	46.542	ng	98
32) Benzoic acid	10.14	122	146674	44.083	ng	97
33) 4-Chloroaniline	10.98	127	137659	19.841	ng	98
34) Hexachlorobutadiene	11.18	225	158943	42.468	ng	99
35) Caprolactam	11.75	113	103088m	53.723	ng	
36) 4-Chloro-3-methylphenol	12.11	107	288122	50.871	ng	97
37) 2-Methylnaphthalene	12.48	142	542838	47.011	ng	97
38) 1-Methylnaphthalene	12.71	142	526501	48.299	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.86	216	290528	42.038	ng	99

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	410975	95.143	nq	98
43) 2,4,6-Trichlorophenol	13.09	196	226847	46.508	nq	98
44) 2,4,5-Trichlorophenol	13.16	196	247084	44.503	nq	97
46) 1,1'-Biphenyl	13.49	154	707482	43.364	nq	99
47) 2-Chloronaphthalene	13.53	162	550331	44.146	nq	97
48) 2-Nitroaniline	13.73	65	189355	46.166	nq	95
49) Acenaphthylene	14.38	152	931859	45.892	nq	99
50) Dimethylphthalate	14.11	163	815128	46.638	nq	100
51) 2,6-Dinitrotoluene	14.22	165	184972	47.316	nq	96
52) Acenaphthene	14.72	154	721427m	52.511	nq	
53) 3-Nitroaniline	14.55	138	108193	25.234	nq	97
54) 2,4-Dinitrophenol	14.76	184	245094	105.437	nq	97
55) Dibenzofuran	15.06	168	920337	45.948	nq	96
56) 4-Nitrophenol	14.87	139	325324	97.859	nq	97
57) 2,4-Dinitrotoluene	15.01	165	272142	47.636	nq	94
58) Fluorene	15.71	166	772570	47.221	nq	100
59) 2,3,4,6-Tetrachlorophenol	15.29	232	248930	50.390	nq	97
60) Diethylphthalate	15.48	149	859036	47.142	nq	99
61) 4-Chlorophenyl-phenylether	15.70	204	419449	44.541	nq	97
62) 4-Nitroaniline	15.72	138	202503	45.537	nq	98
63) Azobenzene	15.99	77	796434	47.406	nq	99
65) 4,6-Dinitro-2-methylphenol	15.78	198	177681	49.164	nq	96
66) n-Nitrosodiphenylamine	15.91	169	727450	46.048	nq	99
67) 4-Bromophenyl-phenylether	16.60	248	302502	42.647	nq	96
68) Hexachlorobenzene	16.72	284	334723	45.500	nq	96
69) Atrazine	16.86	200	310301	54.905	nq	98
70) Pentachlorophenol	17.06	266	427423	94.710	nq	99
71) Phenanthrene	17.45	178	1314702	46.531	nq	99
72) Anthracene	17.54	178	1346492	47.509	nq	98
73) Carbazole	17.80	167	1271979	44.225	nq	99
74) Di-n-butylphthalate	18.37	149	1499569	48.349	nq	98
75) Fluoranthene	19.45	202	1644035	50.221	nq	100
77) Benzidine	19.63	184	797334	53.672	nq	98
78) Pyrene	19.81	202	1625983	45.000	nq	99
80) Butylbenzylphthalate	20.70	149	683357	45.626	nq	99
81) Benzo(a)anthracene	21.65	228	1573244	46.313	nq	100
82) 3,3'-Dichlorobenzidine	21.56	252	355426	26.287	nq	97
83) Chrysene	21.71	228	1496814	45.860	nq	99
84) Bis(2-ethylhexyl)phthalate	21.57	149	947044	45.975	nq	99
85) Di-n-octyl phthalate	22.77	149	1627918	45.701	nq	100
86) Indeno(1,2,3-cd)pyrene	28.48	276	2073220	47.843	nq	# 96
88) Benzo(b)fluoranthene	23.85	252	1755174	47.403	nq	98
89) Benzo(k)fluoranthene	23.92	252	1619290	45.986	nq	100
90) Benzo(a)pyrene	24.71	252	1598546	45.726	nq	99
91) Dibenzo(a,h)anthracene	28.55	278	1668631	47.369	nq	97
92) Benzo(g,h,i)perylene	29.60	276	1689557	47.840	nq	100

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



#1

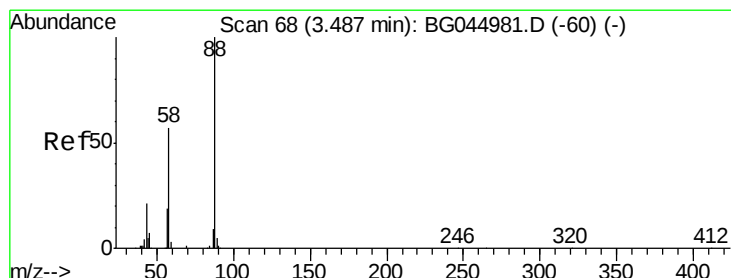
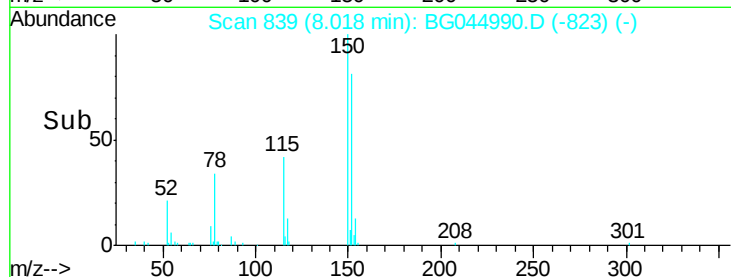
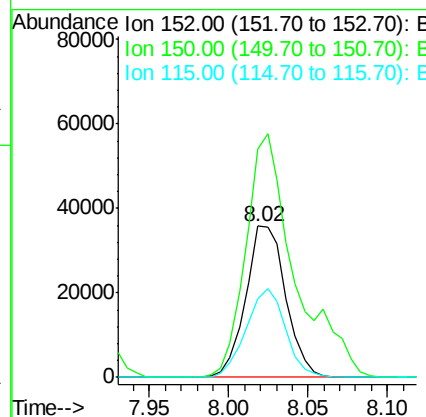
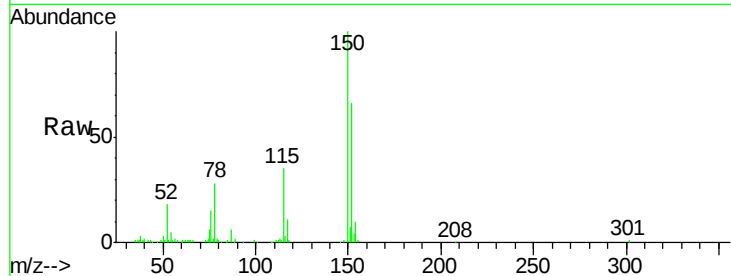
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 839
Delta R.T. -0.00 min
Lab File: BG044990.D
Acq: 15 Apr 2020 20:17

Instrument :
BNA_G
ClientSampleId :
PB128245BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.2	123.6	185.4
115	52.2	49.1	73.7

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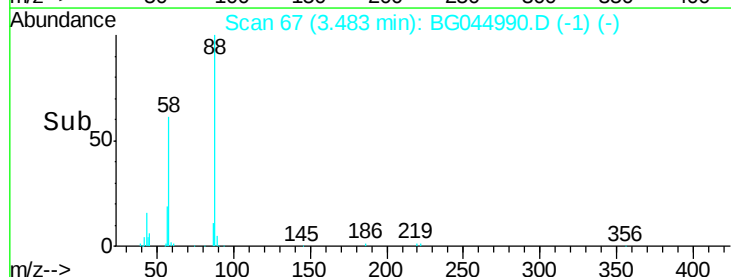
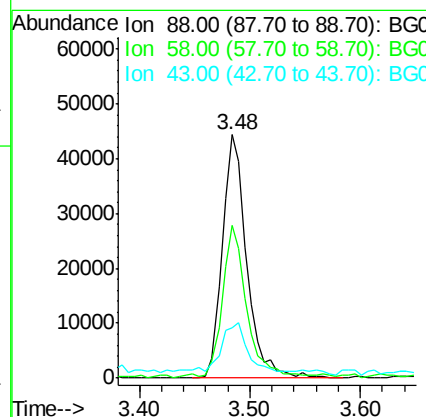
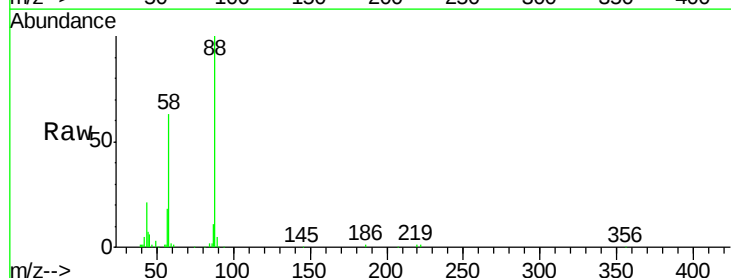
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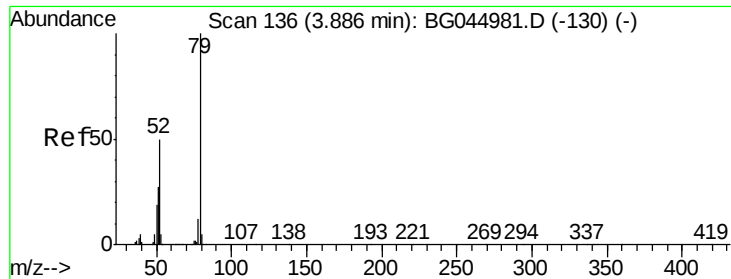


#2

1,4-Dioxane
Concen: 40.278 ng
RT: 3.48 min Scan# 67
Delta R.T. -0.00 min
Lab File: BG044990.D
Acq: 15 Apr 2020 20:17

Tgt Ion	Ratio	Lower	Upper
88	100		
58	64.1	46.6	69.8
43	24.7	17.5	26.3





#3

Pvridine

Concen: 38.834 ng

RT: 3.88 min Scan# 134

Delta R.T. -0.01 min

Lab File: BG044990.D

Acq: 15 Apr 2020 20:17

Instrument :

BNA_G

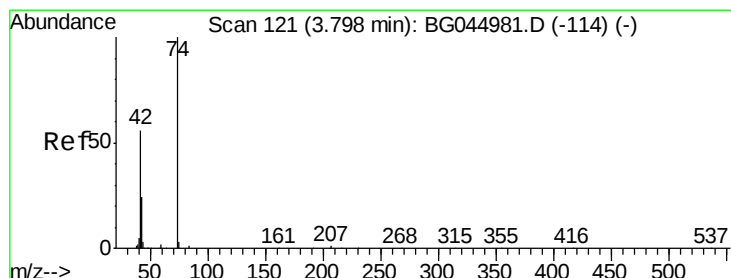
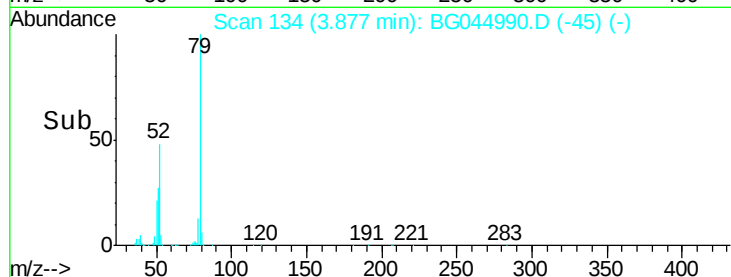
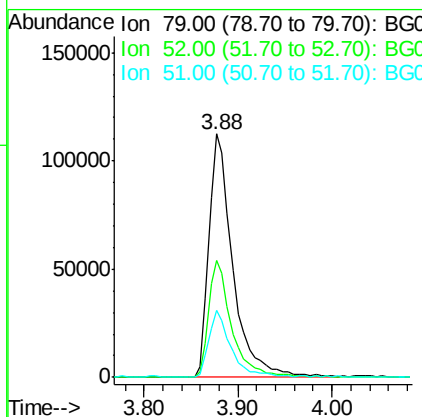
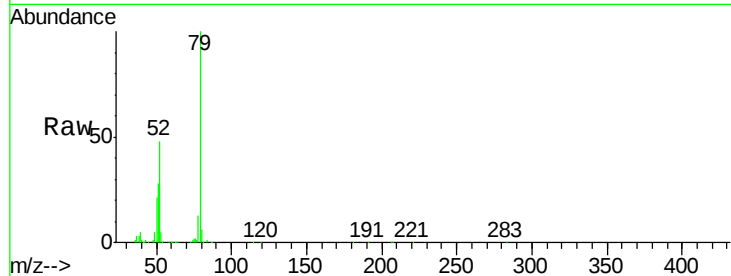
ClientSampleId :

PB128245BS

Tot Ion:	79	Resp:	201784
Ion	Ratio	Lower	Upper
79	100		
52	47.9	39.8	59.6
51	27.6	21.4	32.2

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#4

n-Nitrosodimethylamine

Concen: 46.401 ng

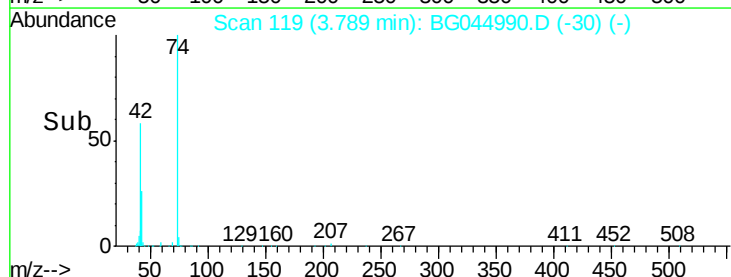
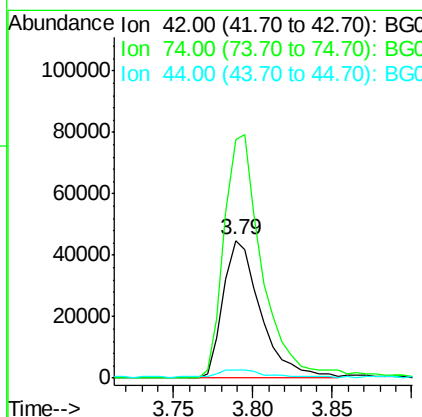
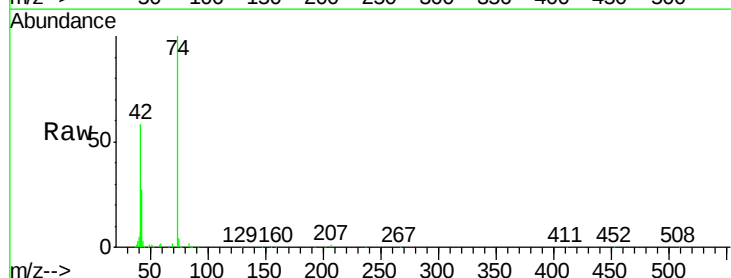
RT: 3.79 min Scan# 119

Delta R.T. -0.01 min

Lab File: BG044990.D

Acq: 15 Apr 2020 20:17

Tgt Ion:	42	Resp:	73859
Ion	Ratio	Lower	Upper
42	100		
74	173.2	143.0	214.6
44	5.5	4.6	6.8





#5

2-Fluorophenol

Concen: 153.829 ng

RT: 5.59 min Scan# 426

Delta R.T. 0.00 min

Lab File: BG044990.D

Acq: 15 Apr 2020 20:17

Instrument :

BNA_G

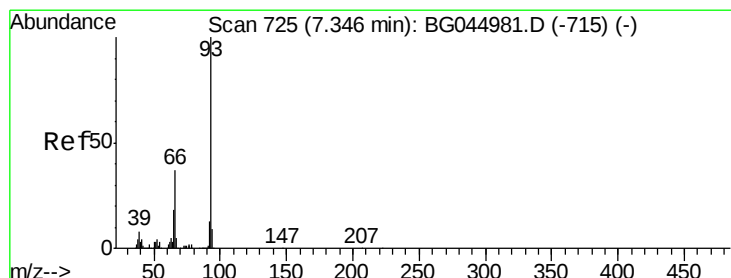
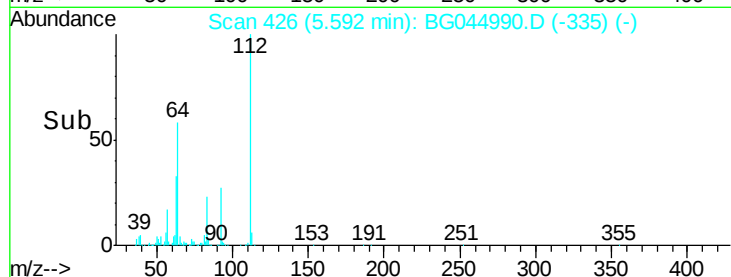
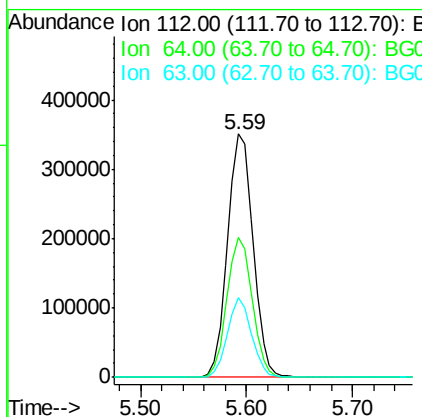
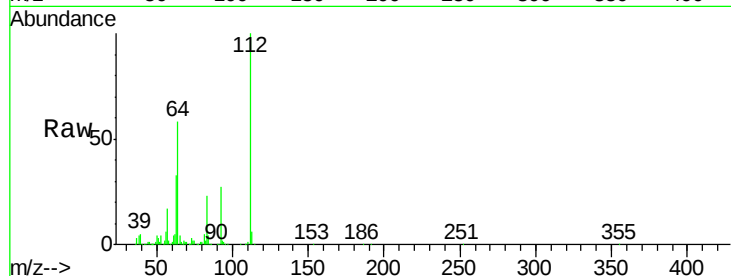
ClientSampleId :

PB128245BS

Tot Ion:	112	Resp:	584140
Ion Ratio	Lower	Upper	
112	100		
64	57.7	42.4	63.6
63	32.7	23.1	34.7

Manual Integrations
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#6

Aniline

Concen: 36.419 ng

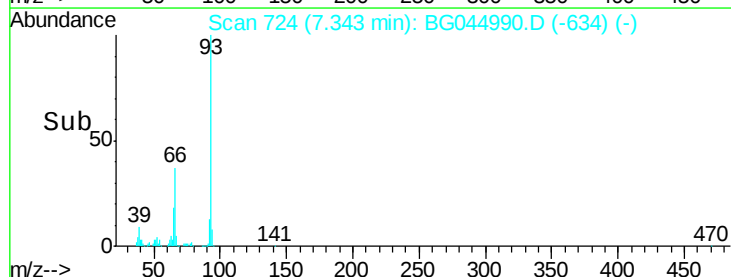
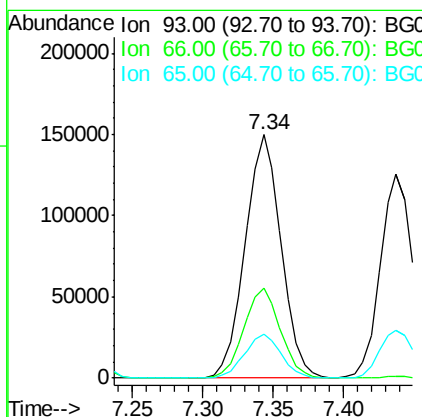
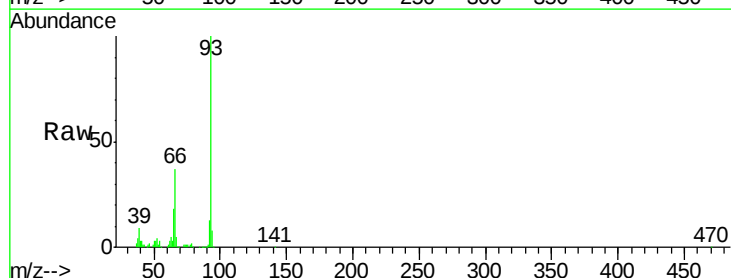
RT: 7.34 min Scan# 724

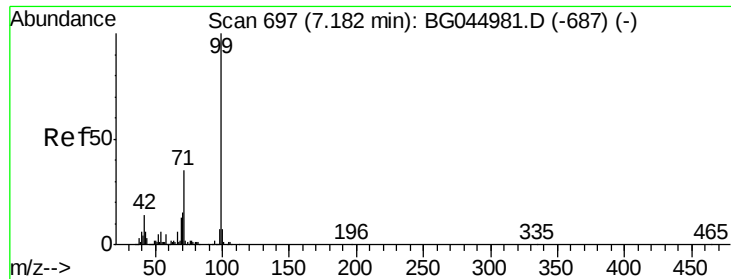
Delta R.T. -0.00 min

Lab File: BG044990.D

Acq: 15 Apr 2020 20:17

Tgt Ion:	93	Resp:	267155
Ion Ratio	Lower	Upper	
93	100		
66	37.0	29.8	44.8
65	18.2	14.6	22.0





#7

Phenol-d6

Concen: 151.017 ng

RT: 7.18 min Scan# 697

Delta R.T. 0.00 min

Lab File: BG044990.D

Acq: 15 Apr 2020 20:17

Instrument :

BNA_G

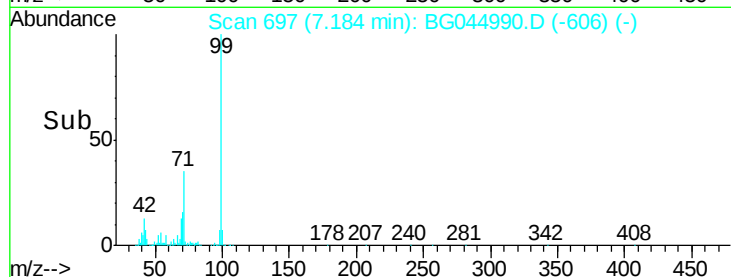
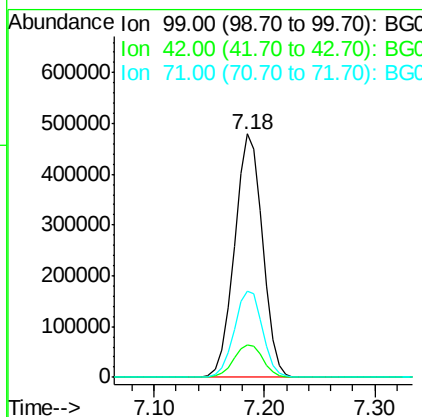
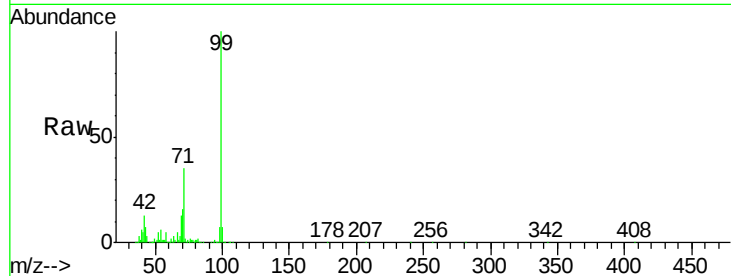
ClientSampleId :

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Tot Ion:	99	Resp:	852020
Ion Ratio	Lower	Upper	
99	100		
42	13.1	11.3	16.9
71	35.4	28.3	42.5

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#8

2-Chlorophenol

Concen: 53.351 ng

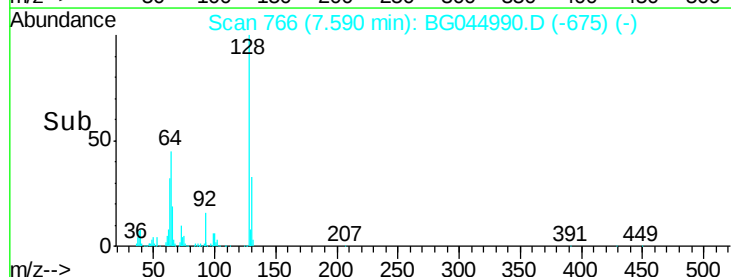
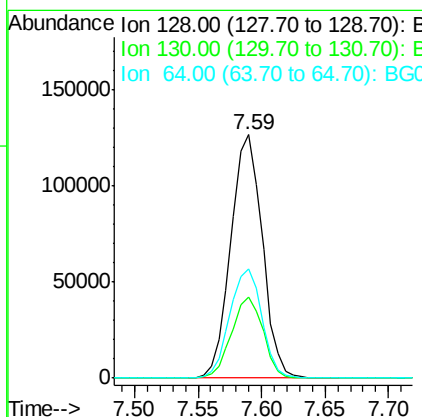
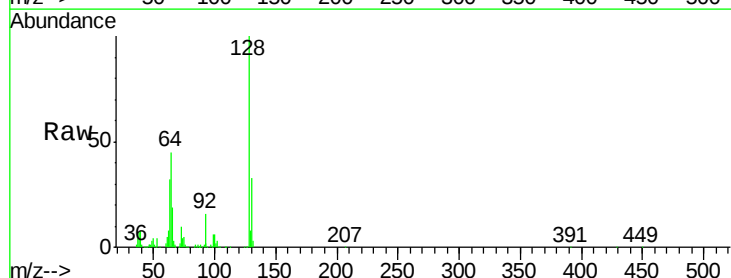
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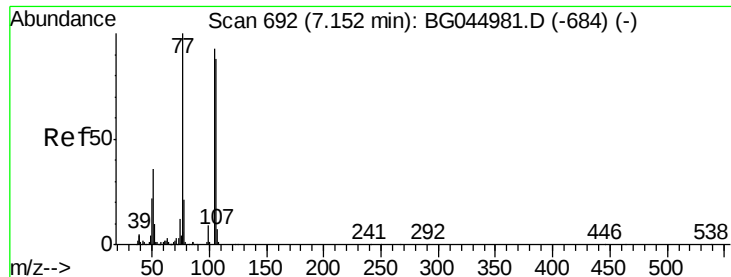
Delta R.T. 0.00 min

Lab File: BG044990.D

Acq: 15 Apr 2020 20:17

Tgt Ion:	128	Resp:	217730
Ion Ratio	Lower	Upper	
128	100		
130	33.2	12.3	52.3
64	44.9	24.4	64.4





#9

Benzaldehyde

Concen: 34.403 ng

RT: 7.15 min Scan# 692

Delta R.T. 0.00 min

Lab File: BG044990.D

Acq: 15 Apr 2020 20:17

Instrument :

BNA_G

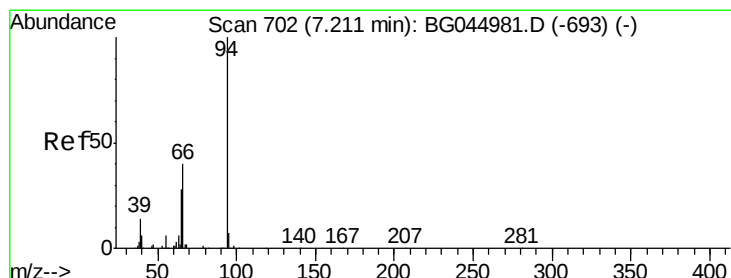
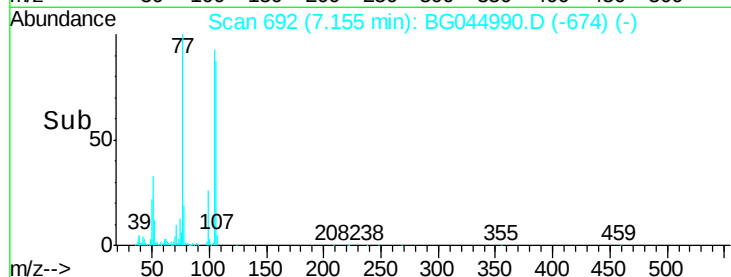
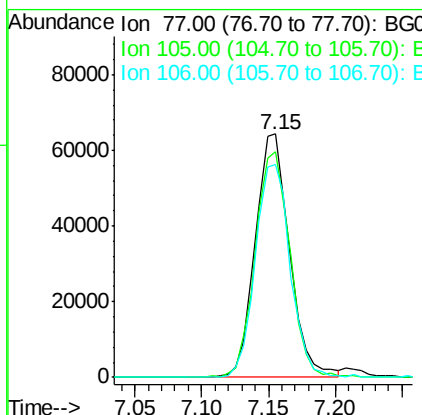
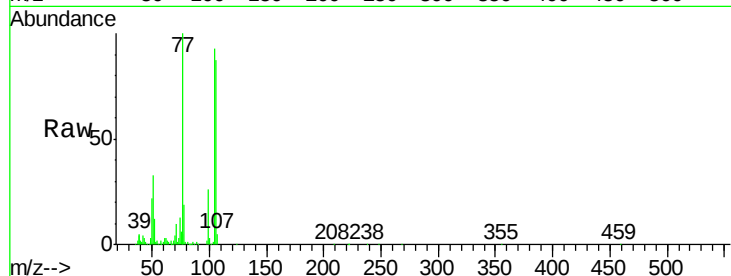
ClientSampleId :

PB128245BS

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
105	92.6	72.9	112.9	
106	87.5	67.6	107.6	

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#10

Phenol

Concen: 53.897 ng

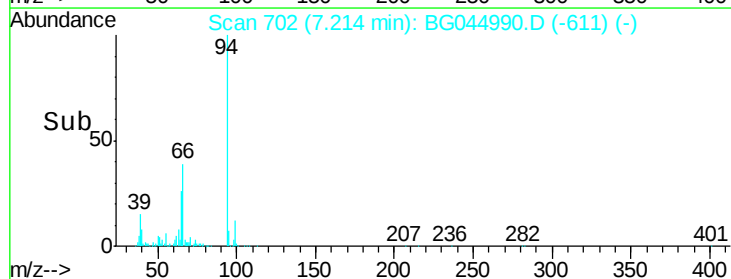
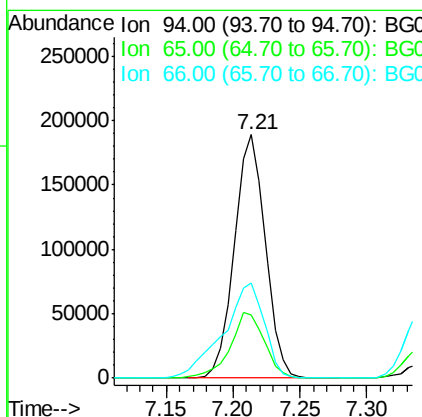
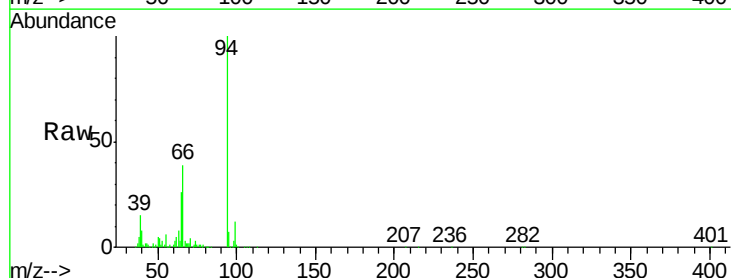
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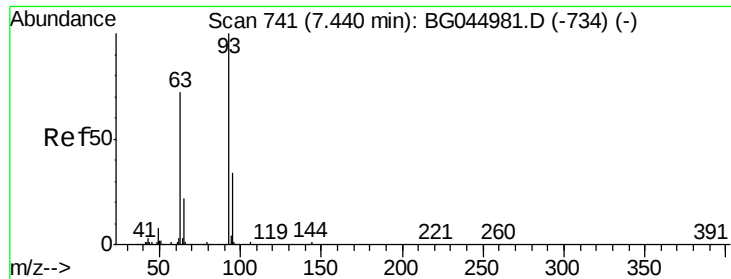
Delta R.T. 0.00 min

Lab File: BG044990.D

Acq: 15 Apr 2020 20:17

Tgt Ion	Ion	Ratio	Lower	Upper
94	100			
65	25.8	8.2	48.2	
66	38.8	20.4	60.4	





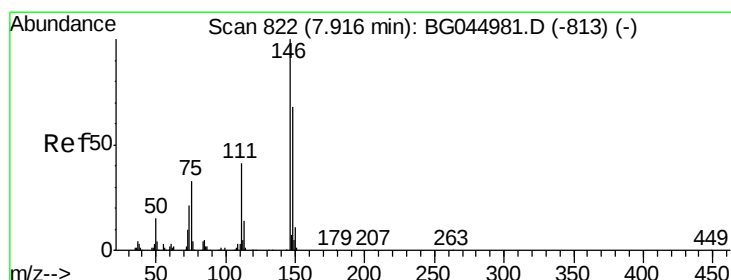
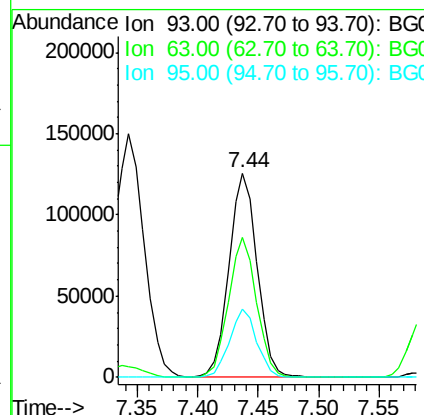
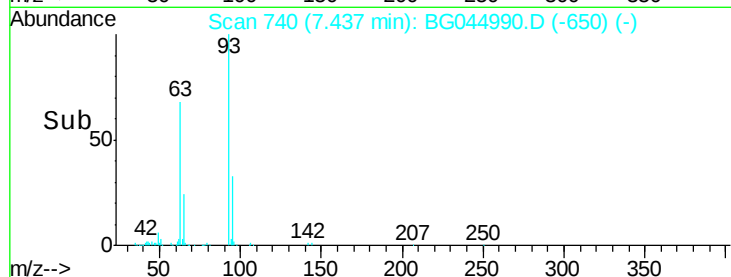
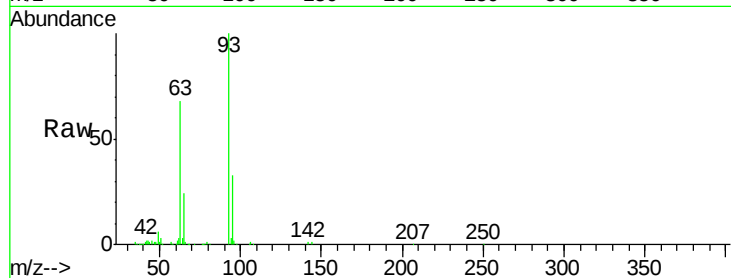
#11
bis(2-Chloroethyl)ether
Concen: 45.312 ng
RT: 7.44 min Scan# 740
Delta R.T. -0.00 min
Lab File: BG044990.D
Acq: 15 Apr 2020 20:17

Instrument :
BNA_G
ClientSampleId :
PB128245BS

Tot Ion	Ratio	Resp	Lower	Upper
93	100	203677		
63	68.4	51.8	91.8	
95	33.4	13.8	53.8	

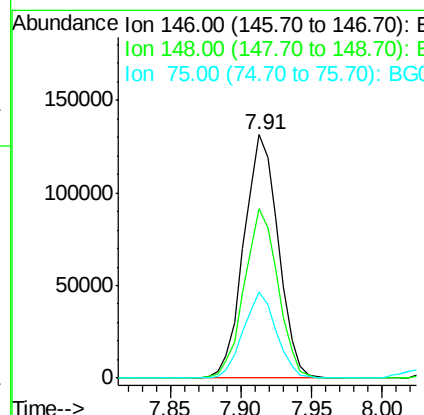
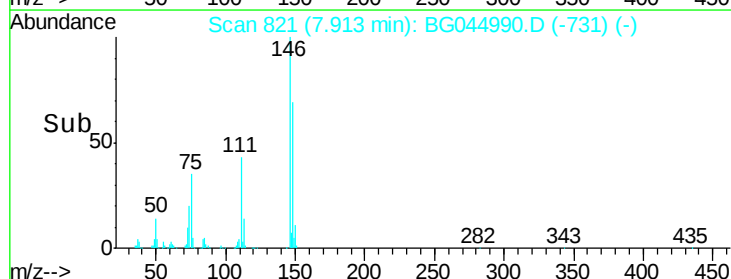
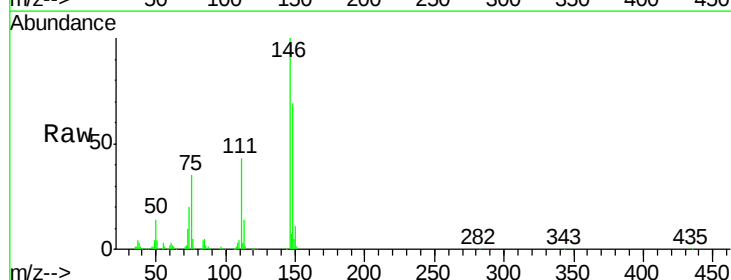
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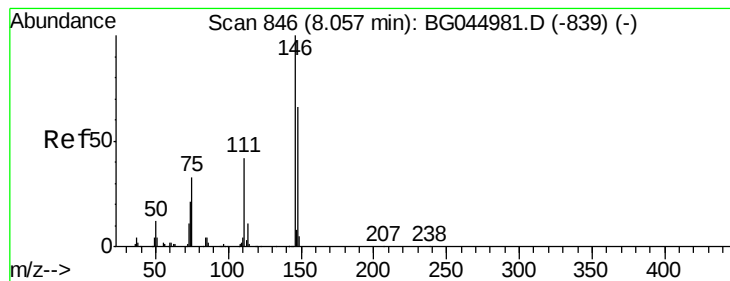
mohammad
4/16/2020 12:54:57 PM



#12
1,3-Dichlorobenzene
Concen: 46.621 ng
RT: 7.91 min Scan# 821
Delta R.T. -0.00 min
Lab File: BG044990.D
Acq: 15 Apr 2020 20:17

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	224204		
148	69.4	54.6	81.8	
75	35.3	26.0	39.0	





#13

1,4-Dichlorobenzene

Concen: 47.638 ng

RT: 8.06 min Scan# 846

Delta R.T. 0.00 min

Lab File: BG044990.D

Acq: 15 Apr 2020 20:17

Instrument :

BNA_G

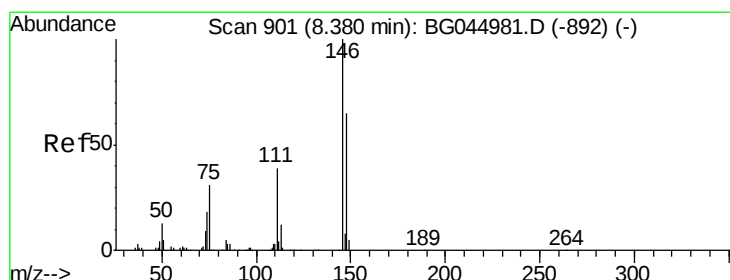
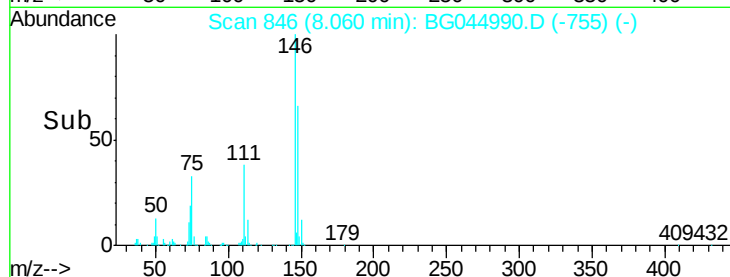
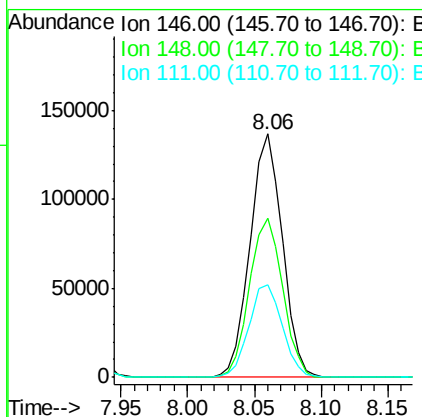
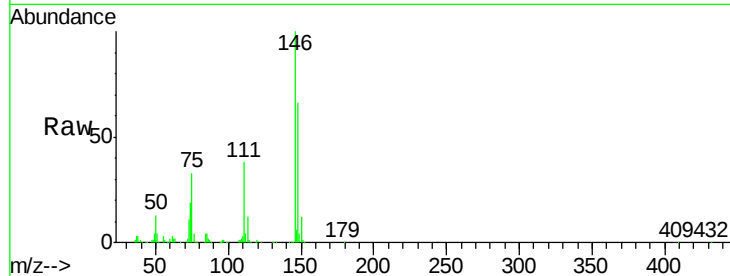
ClientSampleId :

PB128245BS

Tot Ion:	146	Resp:	228276
Ion Ratio	Lower	Upper	
146	100		
148	65.5	53.3	79.9
111	37.9	33.8	50.8

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#14

1,2-Dichlorobenzene

Concen: 46.306 ng

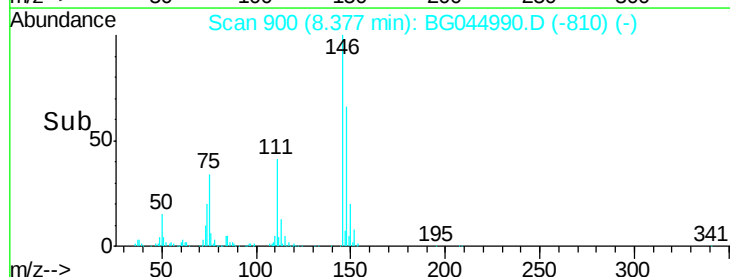
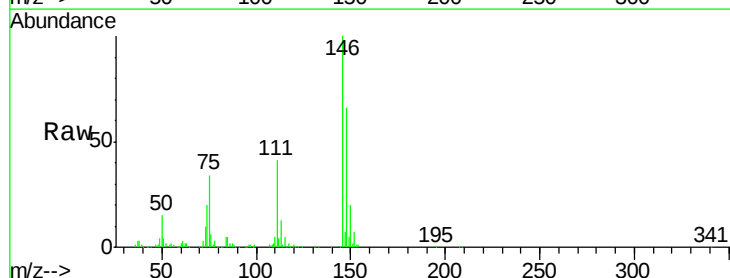
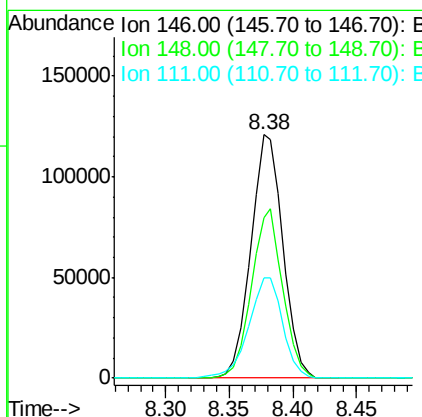
RT: 8.38 min Scan# 900

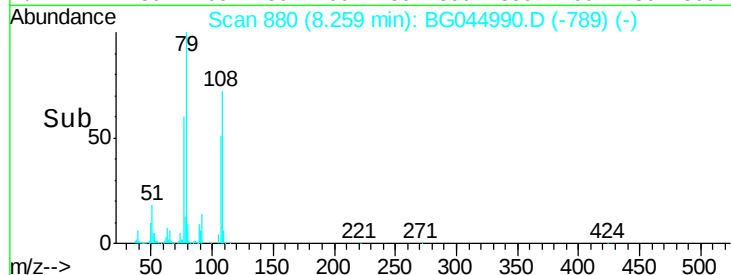
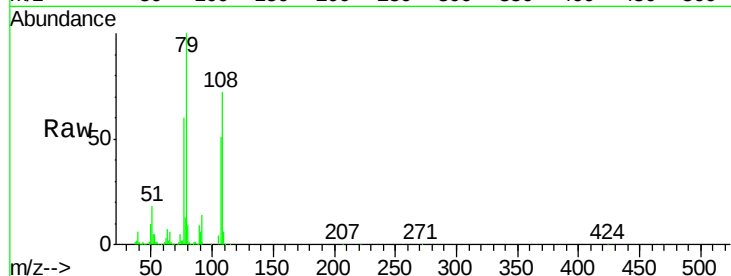
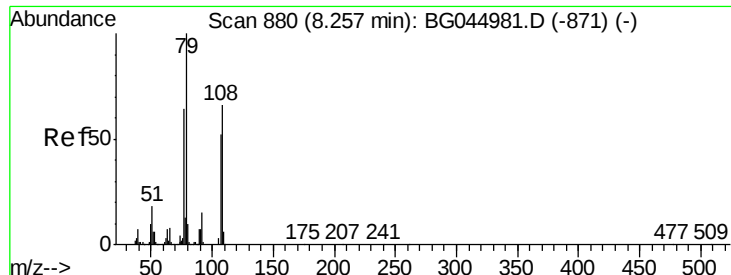
Delta R.T. -0.00 min

Lab File: BG044990.D

Acq: 15 Apr 2020 20:17

Tgt Ion:	146	Resp:	212282
Ion Ratio	Lower	Upper	
146	100		
148	65.9	51.9	77.9
111	41.1	31.3	46.9





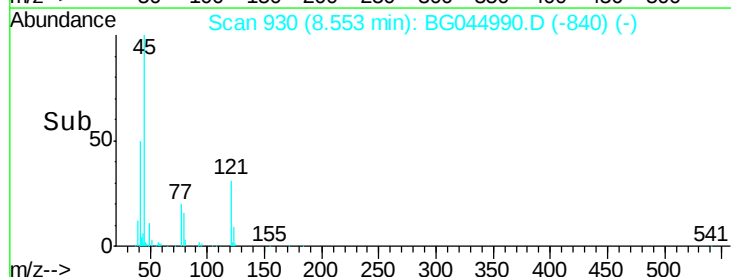
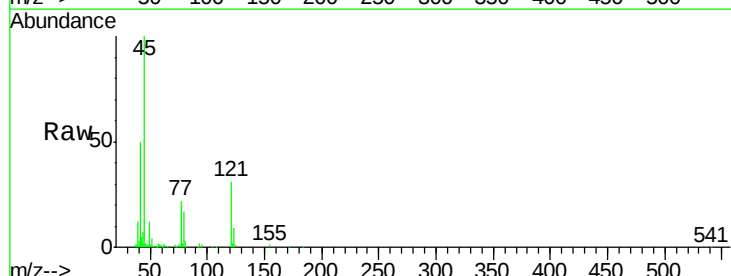
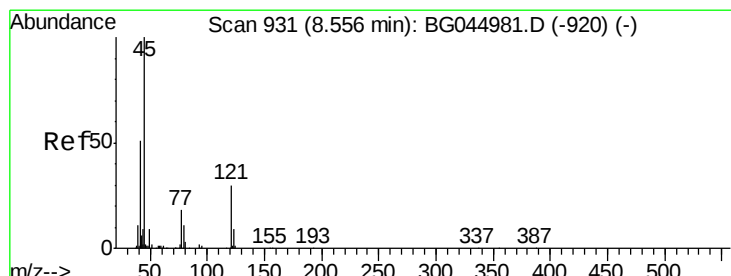
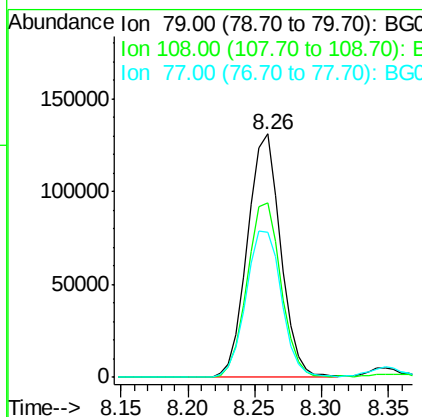
#15
Benzyl Alcohol
Concen: 47.521 ng
RT: 8.26 min Scan# 880
Delta R.T. 0.00 min
Lab File: BG044990.D
Acq: 15 Apr 2020 20:17

Tot Ion:	79	Resp:	224785
Ion	Ratio	Lower	Upper
79	100		
108	71.9	52.7	79.1
77	59.7	51.3	76.9

Instrument :
BNA_G
ClientSampleId :
PB128245BS

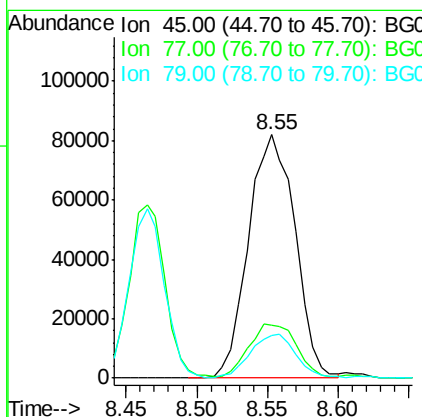
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.896 ng
RT: 8.55 min Scan# 930
Delta R.T. -0.00 min
Lab File: BG044990.D
Acq: 15 Apr 2020 20:17

Tgt Ion:	45	Resp:	189276
Ion	Ratio	Lower	Upper
45	100		
77	21.9	1.9	41.9
79	17.3	0.0	35.5





#17

2-Methylphenol

Concen: 47.421 ng

RT: 8.46 min Scan# 915

Delta R.T. -0.00 min

Lab File: BG044990.D

Acq: 15 Apr 2020 20:17

Instrument :

BNA_G

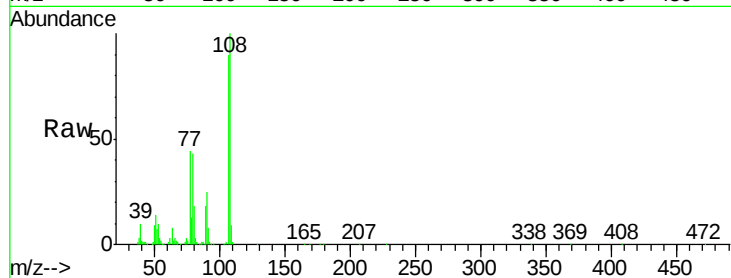
ClientSampleId :

PB128245BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	111.3	93.8	140.6	
77	48.9	38.5	57.7	
79	48.0	40.1	60.1	

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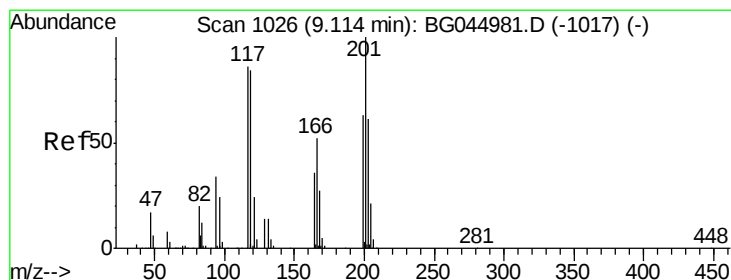
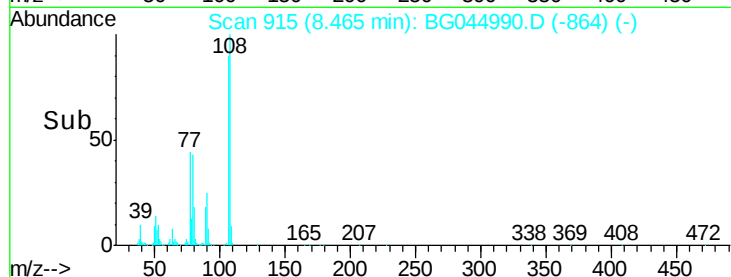
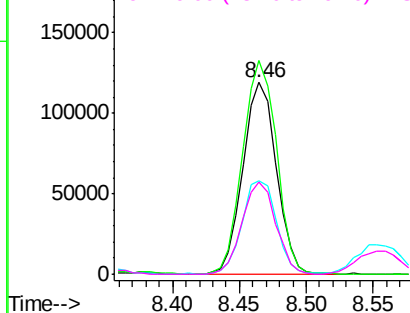
Abundance

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: 45.629 ng

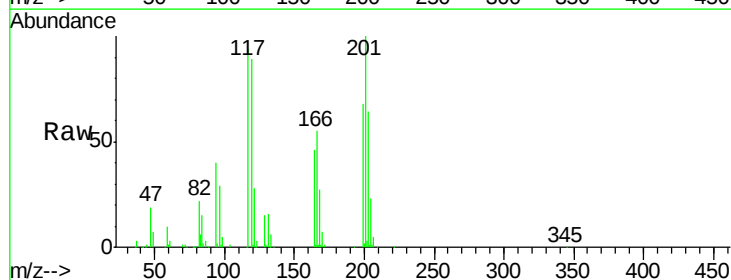
RT: 9.11 min Scan# 1025

Delta R.T. -0.00 min

Lab File: BG044990.D

Acq: 15 Apr 2020 20:17

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	94.9	78.3	117.5	
201	106.7	92.9	139.3	

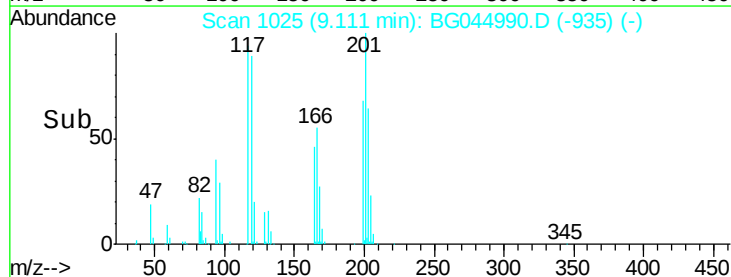
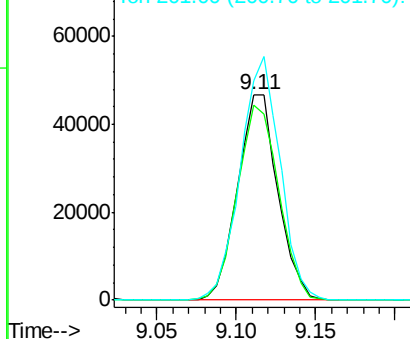


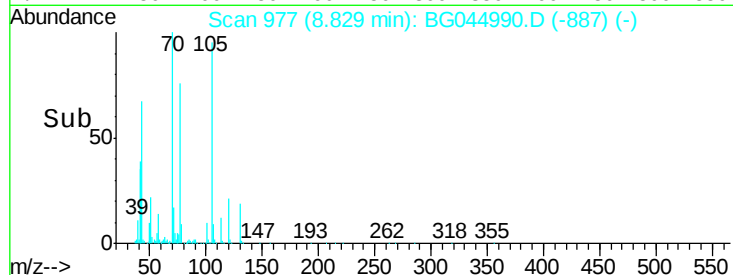
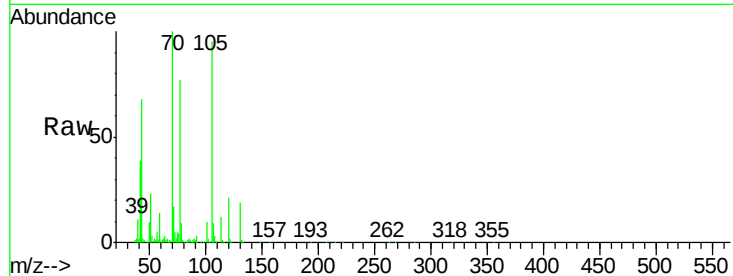
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





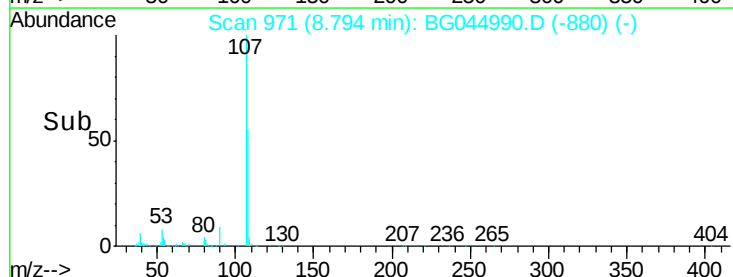
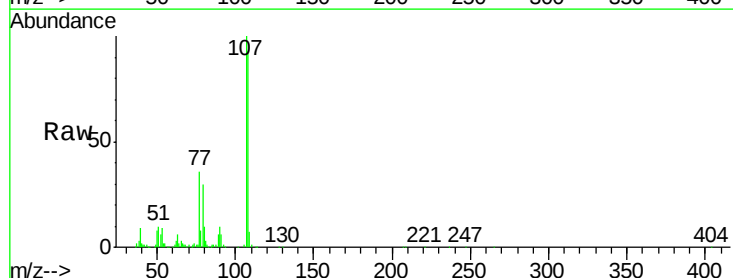
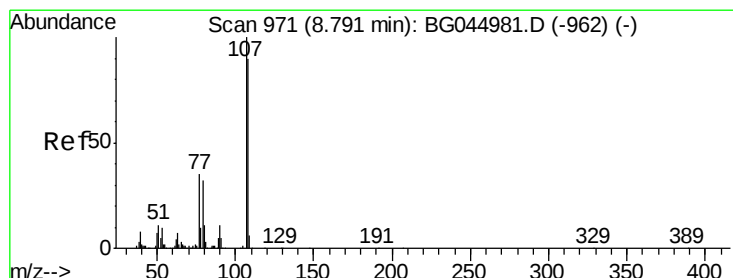
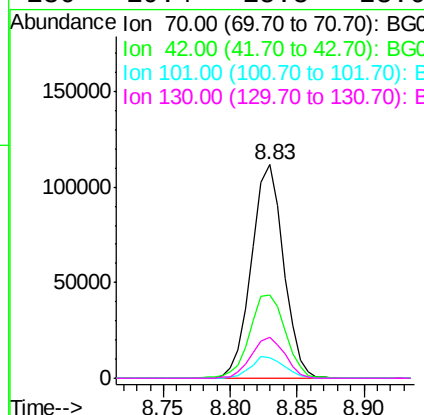
#19
n-Nitroso-di-n-propylamine
Concen: 46.390 ng
RT: 8.83 min Scan# 977
Delta R.T. -0.00 min
Lab File: BG044990.D
Acq: 15 Apr 2020 20:17

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		185093		
42	39.0	33.3	49.9		
101	9.7	7.8	11.8		
130	19.4	15.8	23.6		

Instrument :
BNA_G
ClientSampleId :
PB128245BS

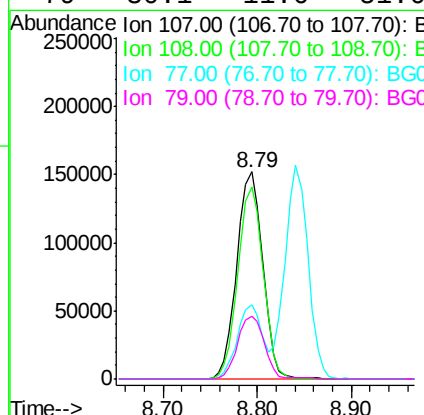
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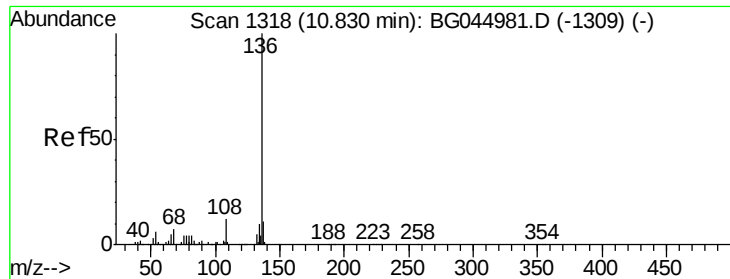
mohammad
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#20
3+4-Methylphenols
Concen: 48.024 ng
RT: 8.79 min Scan# 971
Delta R.T. 0.00 min
Lab File: BG044990.D
Acq: 15 Apr 2020 20:17

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		292805		
108	92.8	69.9	109.9		
77	36.2	15.2	55.2		
79	30.1	11.6	51.6		





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.83 min Scan# 1318

Delta R.T. 0.00 min

Lab File: BG044990.D

Acq: 15 Apr 2020 20:17

Instrument :

BNA_G

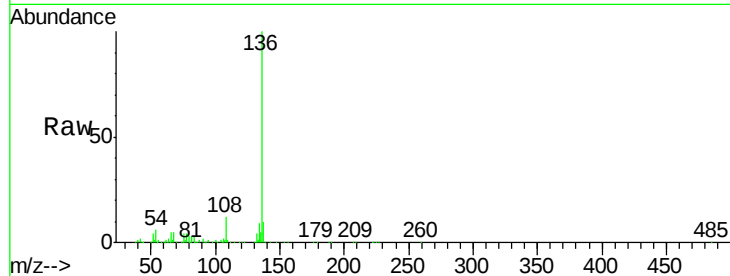
ClientSampleId :

PB128245BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		271945		
137	9.8		8.6	13.0	
54	6.2		4.8	7.2	
68	5.4		5.2	7.8	

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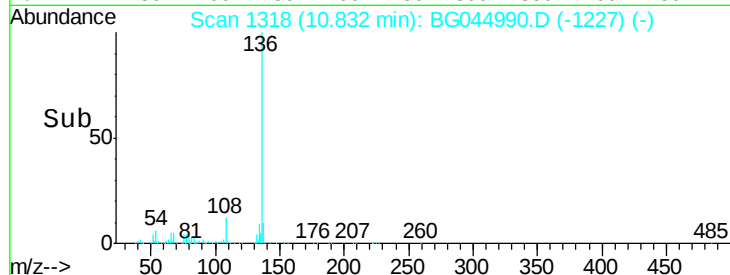
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

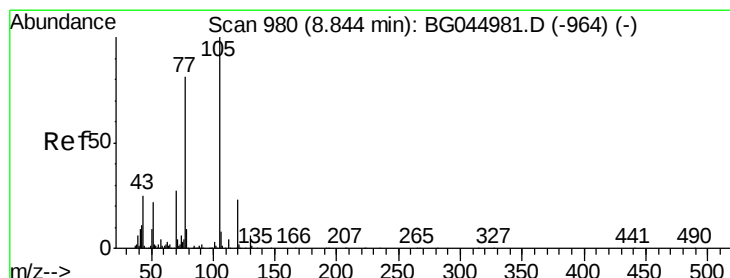
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC

Time-->



Time-->



#22

Acetophenone

Concen: 45.845 ng

RT: 8.84 min Scan# 979

Delta R.T. -0.00 min

Lab File: BG044990.D

Acq: 15 Apr 2020 20:17

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		337146		
71	4.6		3.3	4.9	
51	20.1		17.3	25.9	
120	21.3		18.4	27.6	

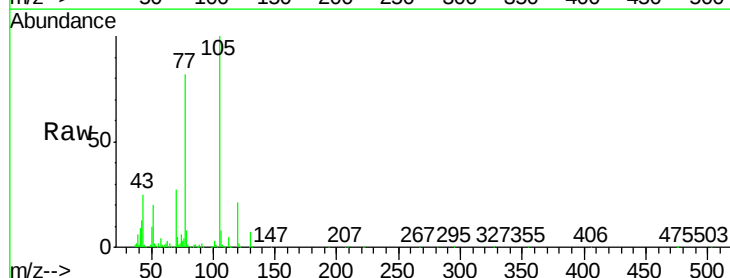
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

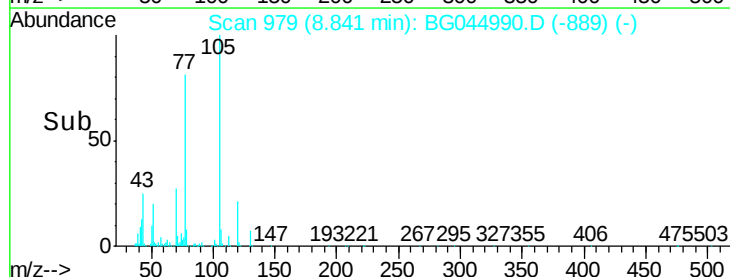
Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

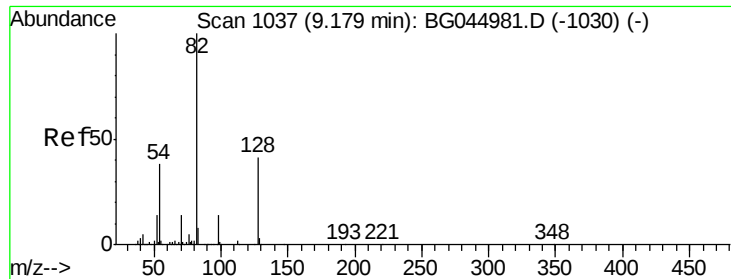
Time-->



Time-->



Time-->



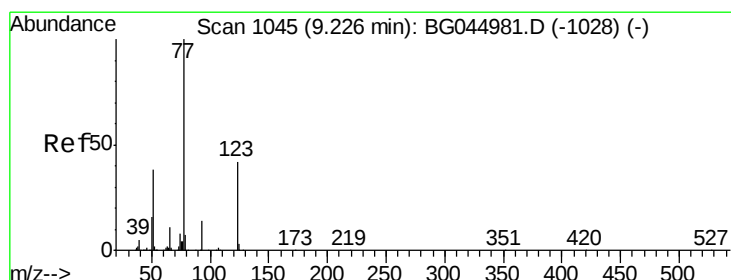
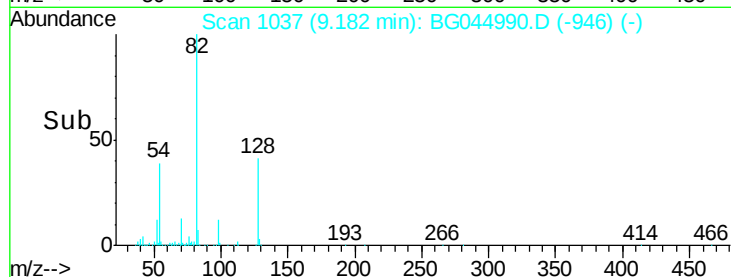
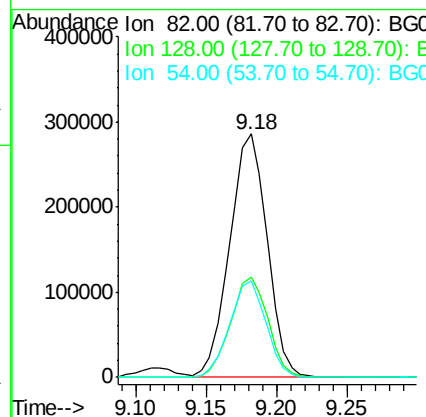
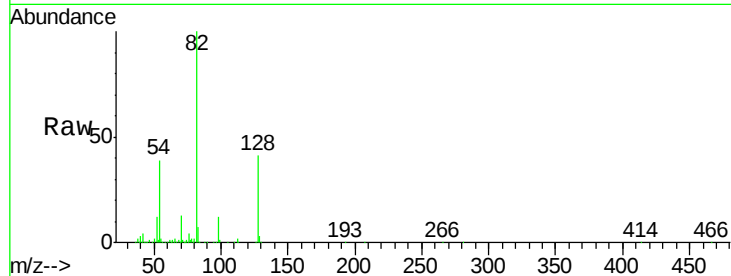
#23
 Nitrobenzene-d5
 Concen: 88.453 ng
 RT: 9.18 min Scan# 1037
 Delta R.T. 0.00 min
 Lab File: BG044990.D
 Acq: 15 Apr 2020 20:17

Instrument :
 BNA_G
 ClientSampleId :
 PB128245BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	527173		
128	40.9	33.0	49.4	
54	39.4	30.4	45.6	

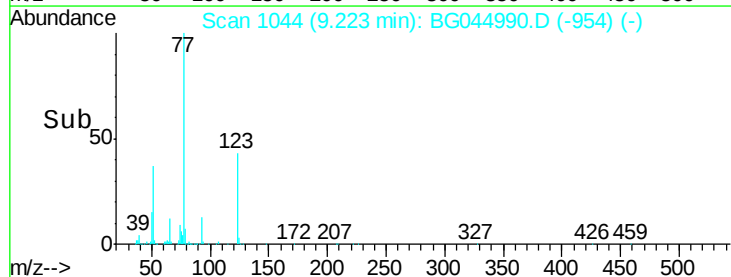
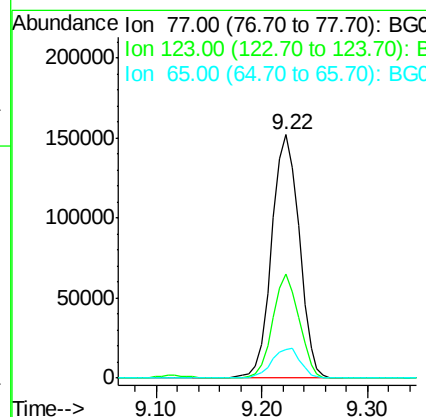
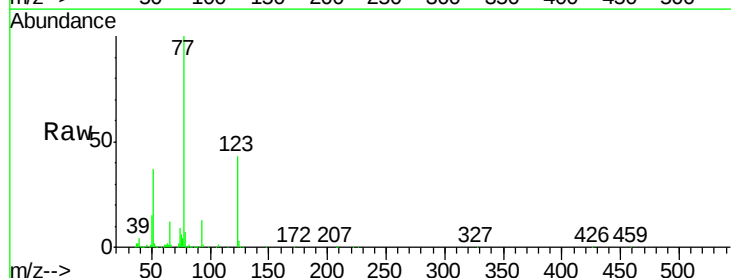
Manual Integrations
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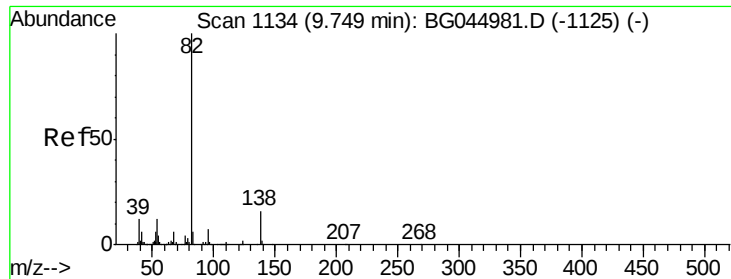
mohammad
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#24
 Nitrobenzene
 Concen: 44.964 ng
 RT: 9.22 min Scan# 1044
 Delta R.T. -0.00 min
 Lab File: BG044990.D
 Acq: 15 Apr 2020 20:17

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	274691		
123	42.6	34.3	51.5	
65	11.9	8.9	13.3	





#25

Isophorone

Concen: 43.342 ng

RT: 9.75 min Scan# 1134

Delta R.T. 0.00 min

Lab File: BG044990.D

Acq: 15 Apr 2020 20:17

Instrument :

BNA_G

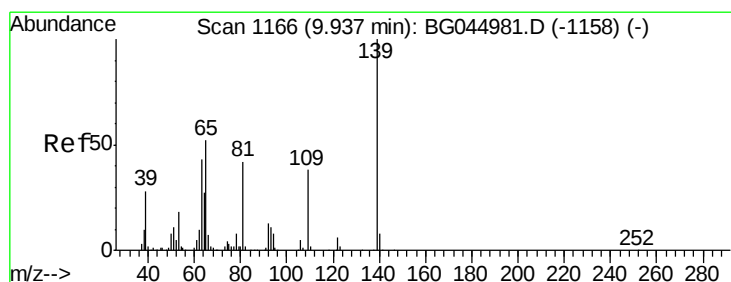
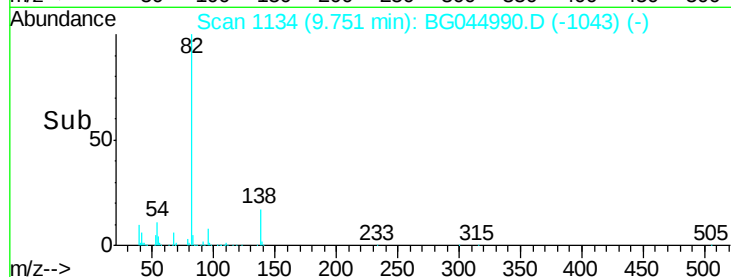
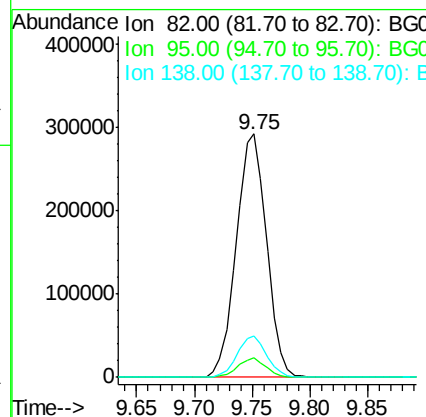
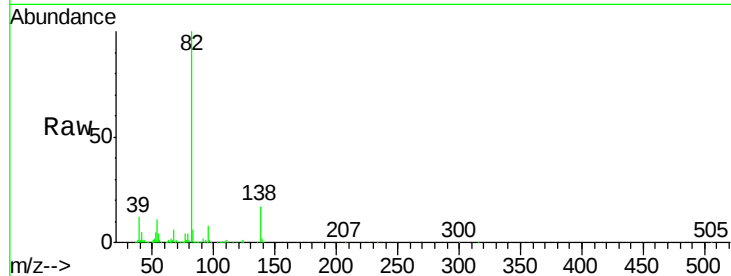
ClientSampleId :

PB128245BS

Tot Ion:	82	Resp:	529000
Ion Ratio	Lower	Upper	
82	100		
95	7.8	6.0	9.0
138	17.1	12.7	19.1

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#26

2-Nitrophenol

Concen: 47.024 ng

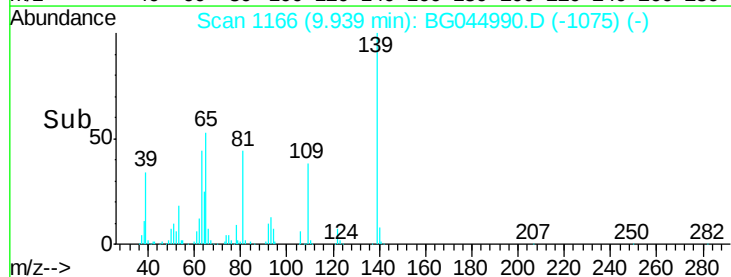
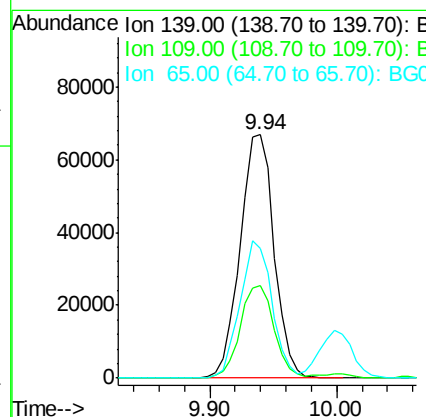
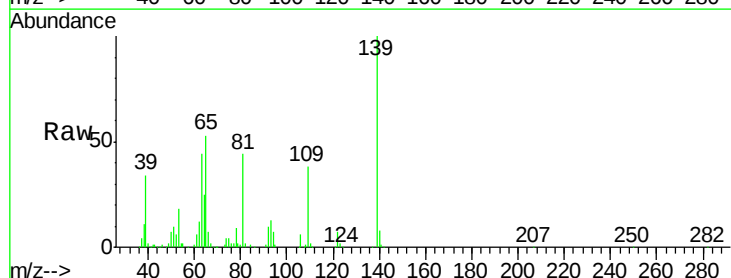
RT: 9.94 min Scan# 1166

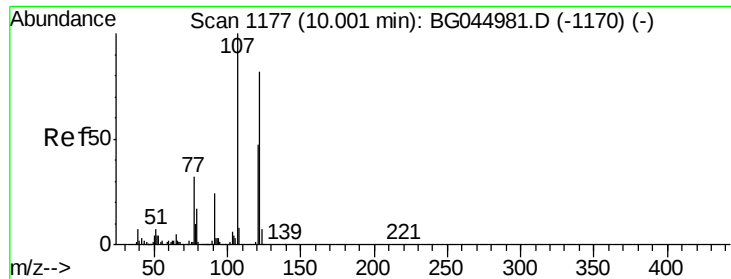
Delta R.T. 0.00 min

Lab File: BG044990.D

Acq: 15 Apr 2020 20:17

Tgt Ion:	139	Resp:	123744
Ion Ratio	Lower	Upper	
139	100		
109	37.9	30.6	45.8
65	53.2	41.8	62.6





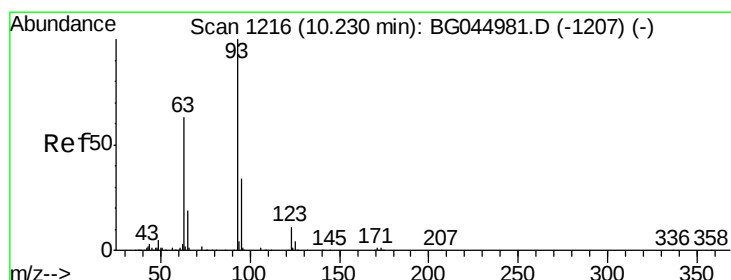
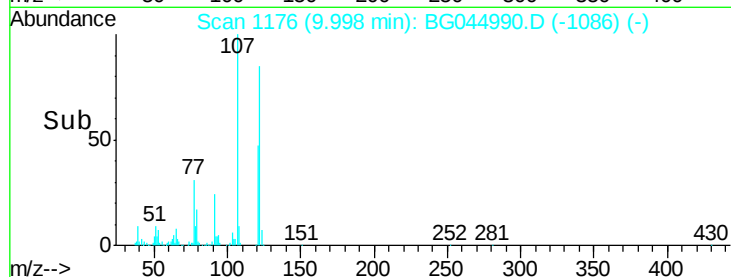
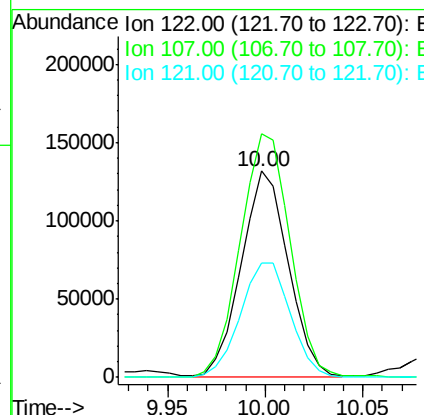
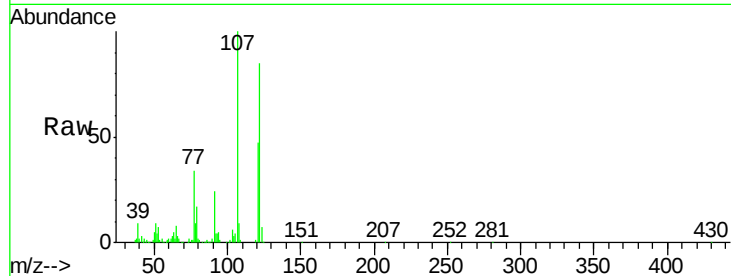
#27
2,4-Dimethylphenol
Concen: 52.458 ng
RT: 10.00 min Scan# 1176
Delta R.T. -0.00 min
Lab File: BG044990.D
Acq: 15 Apr 2020 20:17

Instrument :
BNA_G
ClientSampleId :
PB128245BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	219035		
107	118.1	96.8	145.2	
121	55.7	45.6	68.4	

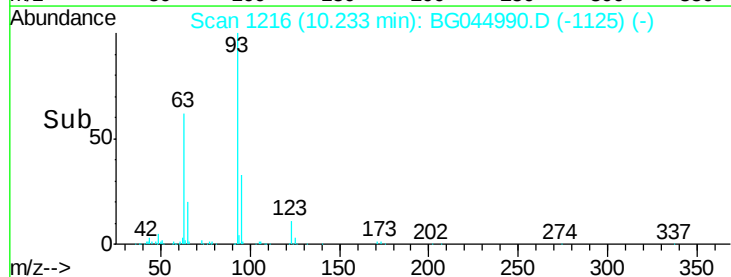
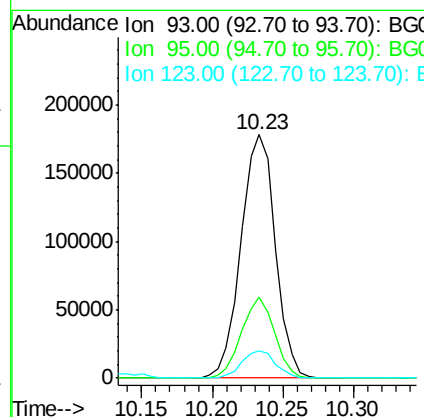
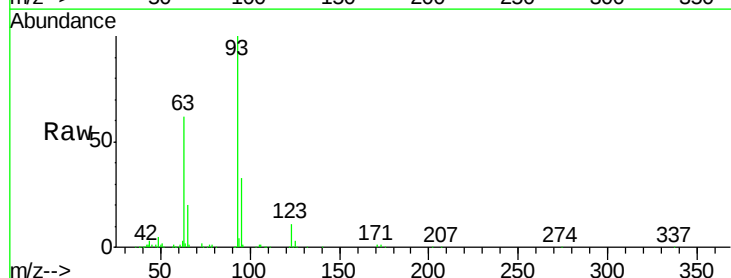
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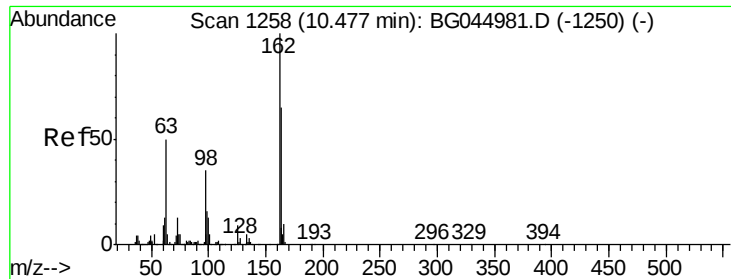
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 47.327 ng
RT: 10.23 min Scan# 1216
Delta R.T. 0.00 min
Lab File: BG044990.D
Acq: 15 Apr 2020 20:17

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	303493		
95	33.3	27.0	40.4	
123	11.3	8.7	13.1	





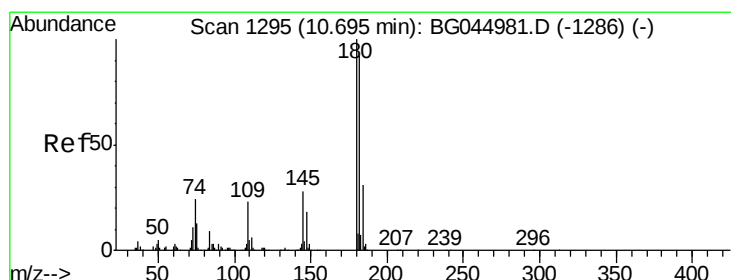
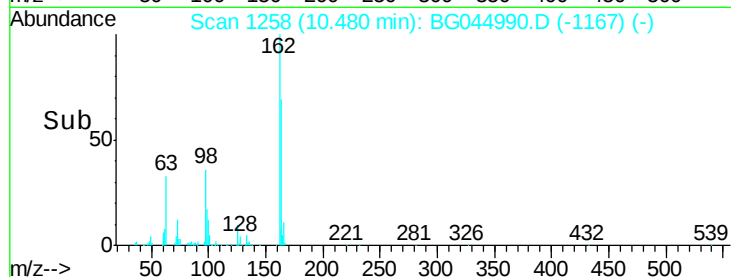
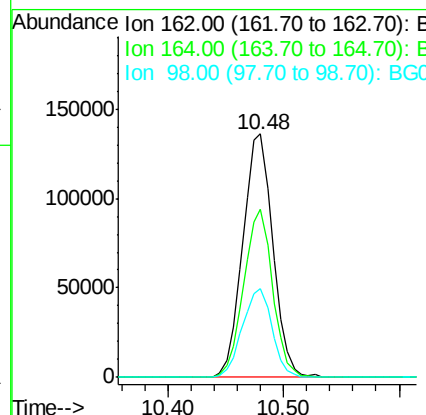
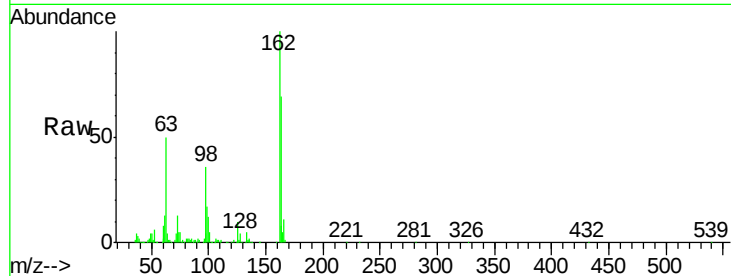
#29
 2,4-Dichlorophenol
 Concen: 50.975 ng
 RT: 10.48 min Scan# 1258
 Delta R.T. 0.00 min
 Lab File: BG044990.D
 Acq: 15 Apr 2020 20:17

Instrument :
 BNA_G
 ClientSampleId :
 PB128245BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	245767		
164	68.8	45.0	85.0	
98	36.4	15.2	55.2	

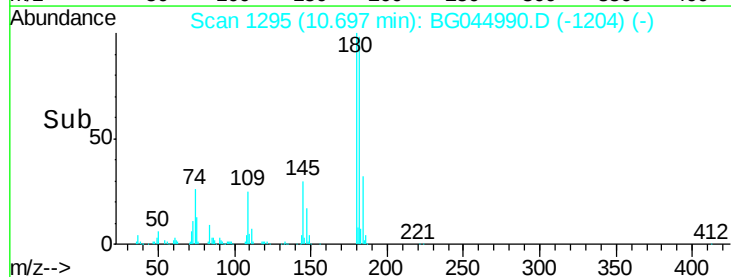
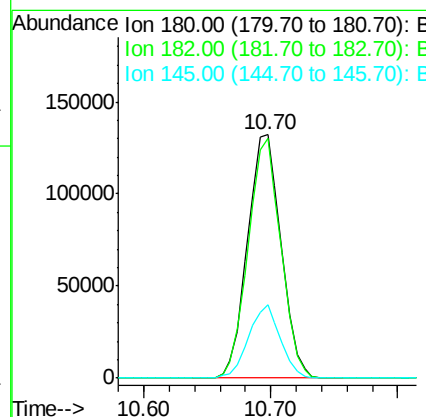
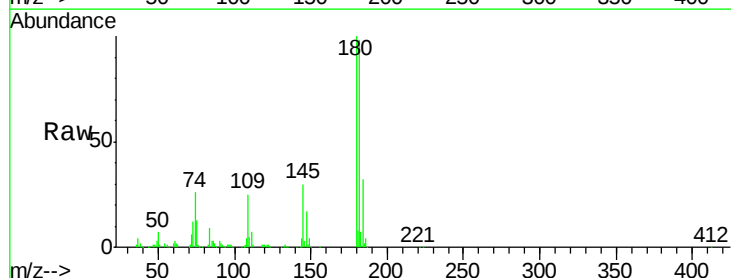
Manual Integrations
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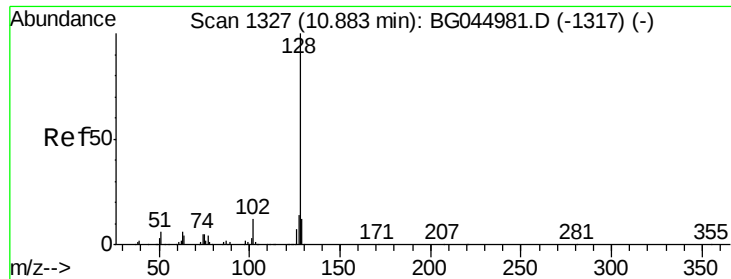
mohammad
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#30
 1,2,4-Trichlorobenzene
 Concen: 44.454 ng
 RT: 10.70 min Scan# 1295
 Delta R.T. 0.00 min
 Lab File: BG044990.D
 Acq: 15 Apr 2020 20:17

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	242666		
182	98.3	73.3	109.9	
145	30.1	22.6	33.8	





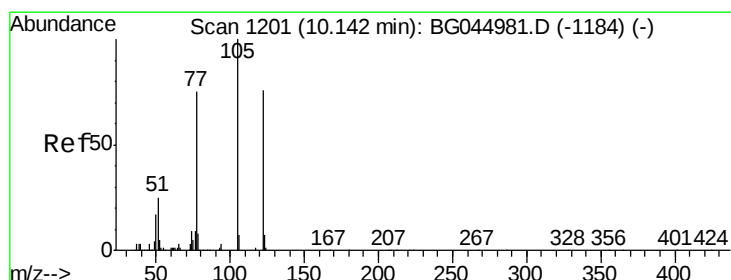
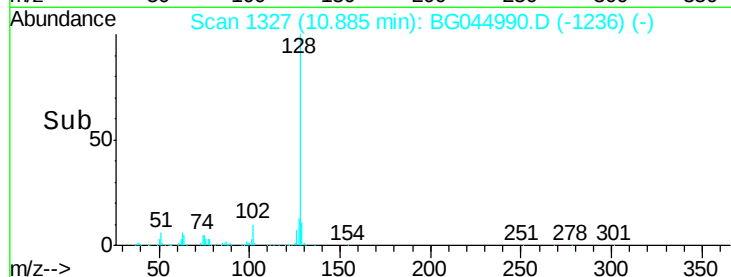
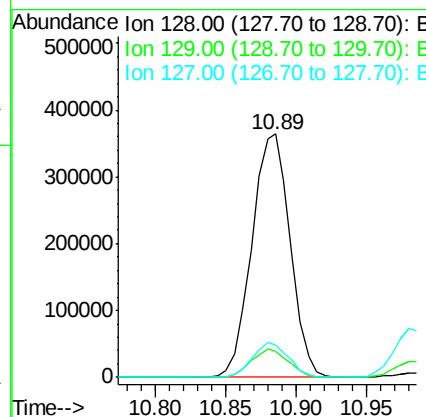
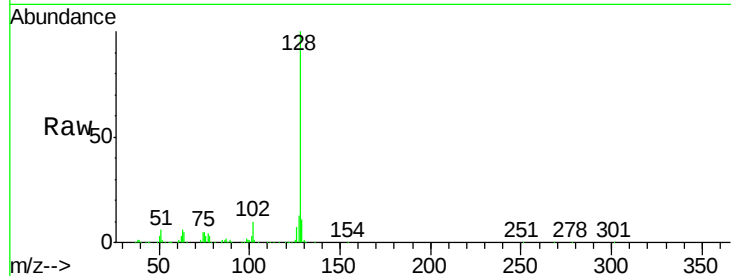
#31
Naphthalene
Concen: 46.542 ng
RT: 10.89 min Scan# 1327
Delta R.T. 0.00 min
Lab File: BG044990.D
Acq: 15 Apr 2020 20:17

Instrument :
BNA_G
ClientSampleId :
PB128245BS

Tot Ion	Ratio	Resp	Lower	Upper
128	100	692397		
129	10.5		9.4	14.2
127	13.3		10.8	16.2

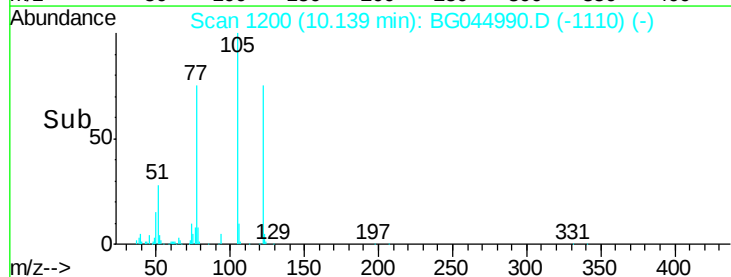
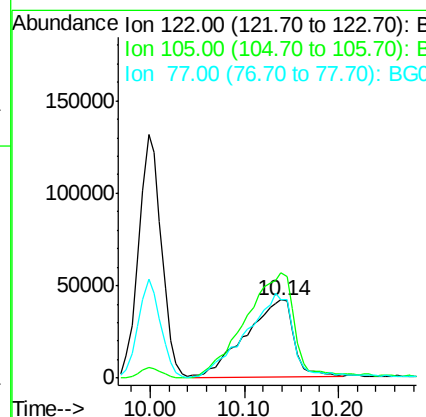
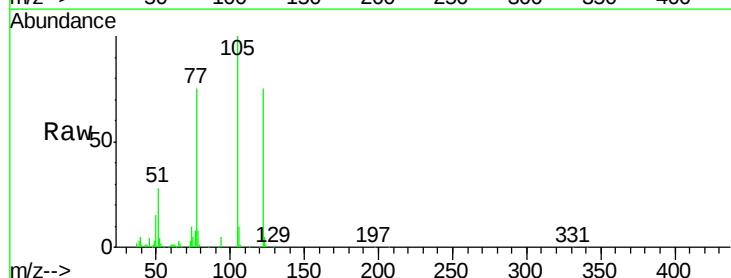
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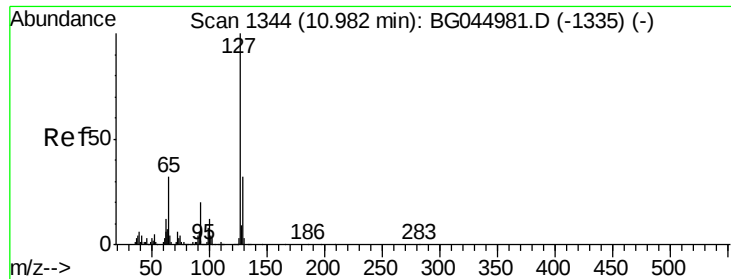
mohammad
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#32
Benzoic acid
Concen: 44.083 ng
RT: 10.14 min Scan# 1200
Delta R.T. -0.00 min
Lab File: BG044990.D
Acq: 15 Apr 2020 20:17

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	146674		
105	133.8		108.4	148.4
77	100.2		78.8	118.8





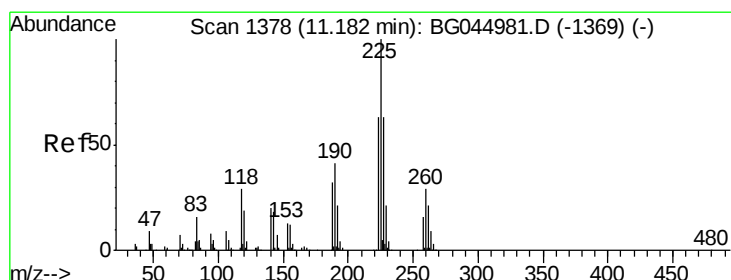
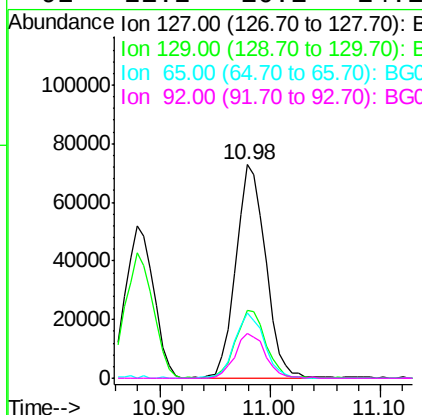
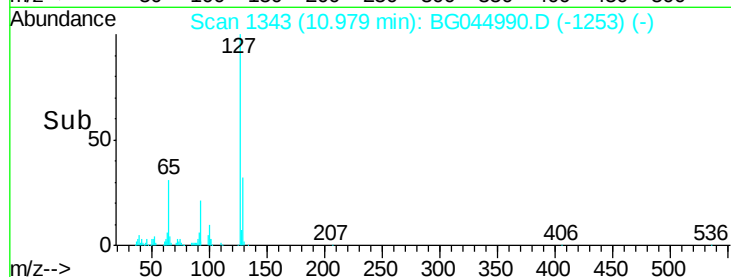
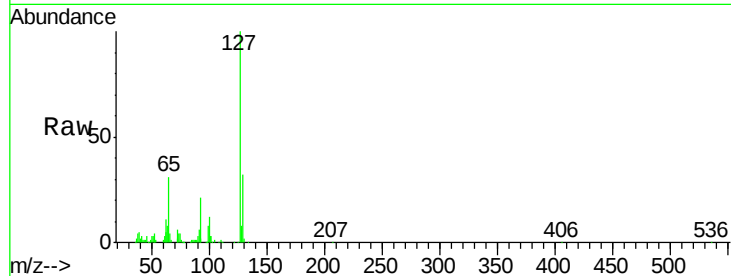
#33
4-Chloroaniline
Concen: 19.841 ng
RT: 10.98 min Scan# 1343
Delta R.T. -0.00 min
Lab File: BG044990.D
Acq: 15 Apr 2020 20:17

Instrument :
BNA_G
ClientSampleId :
PB128245BS

Tot Ion	Ratio	Lower	Upper
127	100		
129	32.0	25.7	38.5
65	30.5	25.4	38.2
92	21.2	16.1	24.1

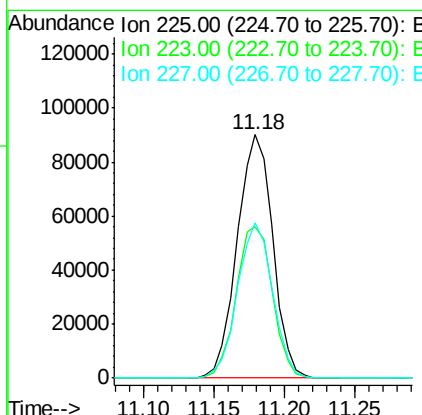
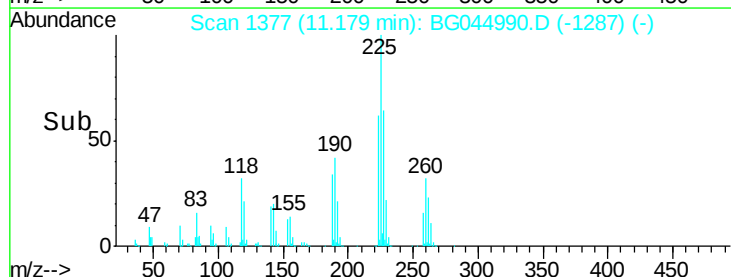
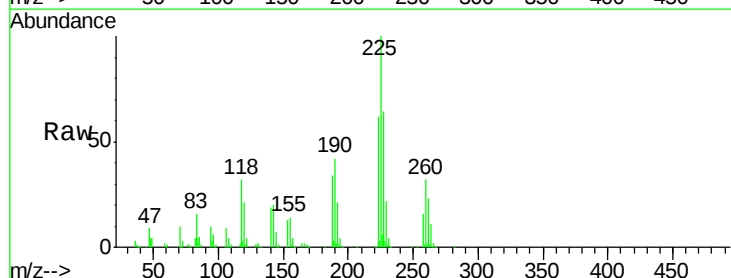
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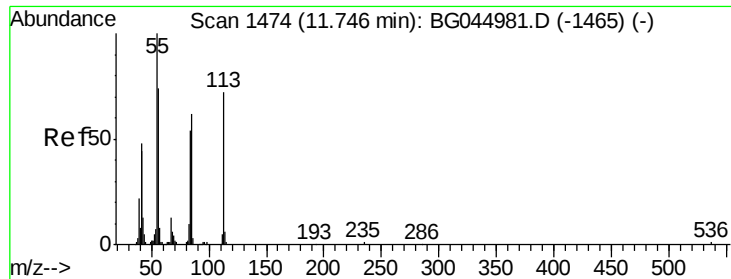
mohammad
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#34
Hexachlorobutadiene
Concen: 42.468 ng
RT: 11.18 min Scan# 1377
Delta R.T. -0.00 min
Lab File: BG044990.D
Acq: 15 Apr 2020 20:17

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.3	50.7	76.1
227	63.8	50.2	75.2





#35

Caprolactam

Concen: 53.723 ng/mL

RT: 11.75 min Scan# 1474

Delta R.T. 0.00 min

Lab File: BG044990.D

Acq: 15 Apr 2020 20:17

Instrument :

BNA_G

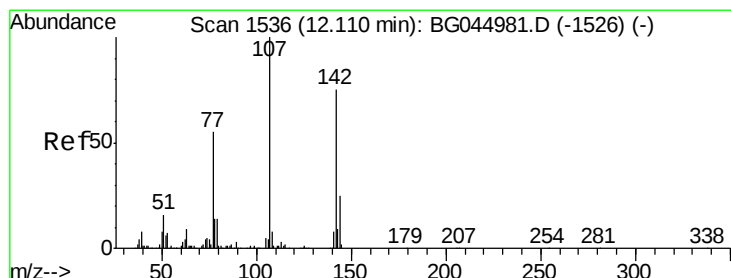
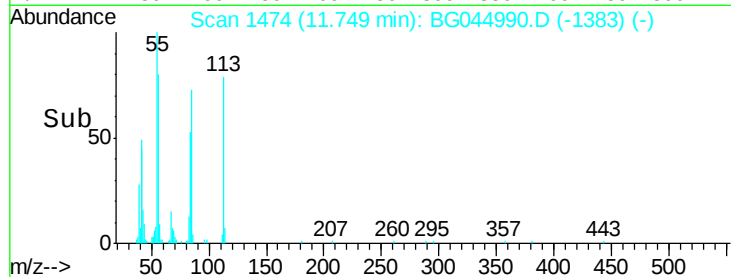
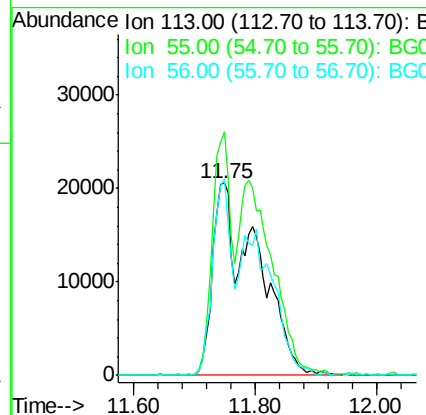
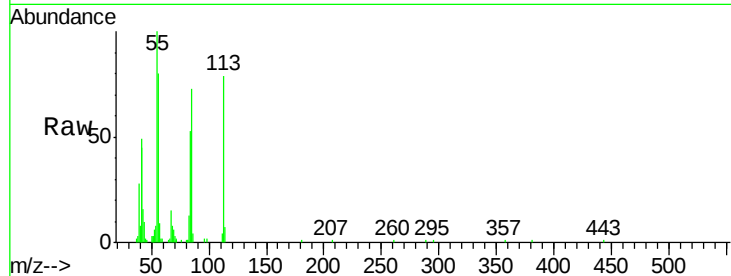
ClientSampleId :

PB128245BS

Tot Ion:	113	Resp:	103088
Ion Ratio	Lower	Upper	
113	100		
55	126.8	118.8	158.8
56	102.0	82.6	122.6

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#36

4-Chloro-3-methylphenol

Concen: 50.871 ng/mL

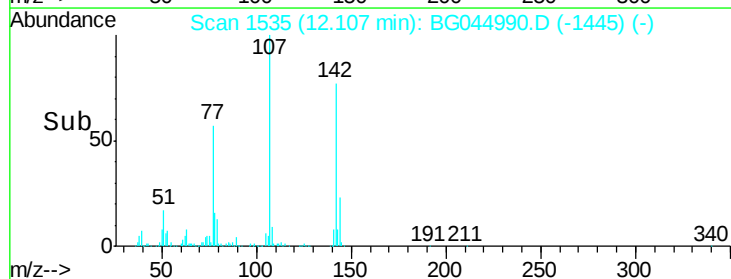
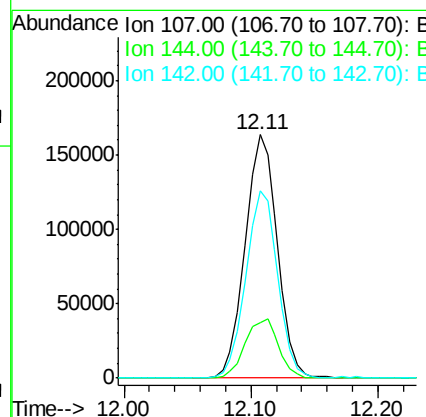
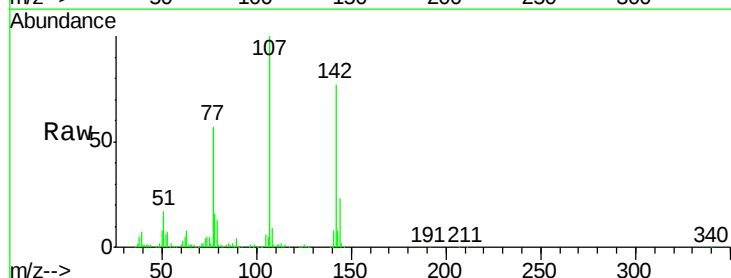
RT: 12.11 min Scan# 1535

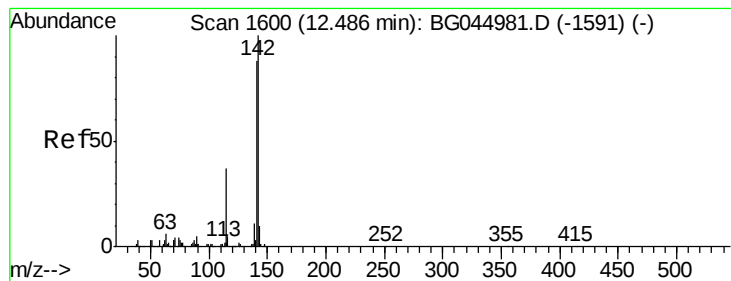
Delta R.T. -0.00 min

Lab File: BG044990.D

Acq: 15 Apr 2020 20:17

Tgt Ion:	107	Resp:	288122
Ion Ratio	Lower	Upper	
107	100		
144	22.6	19.8	29.6
142	77.0	59.7	89.5





#37

2-Methylnaphthalene

Concen: 47.011 ng

RT: 12.48 min Scan# 1599

Delta R.T. -0.00 min

Lab File: BG044990.D

Acq: 15 Apr 2020 20:17

Instrument :

BNA_G

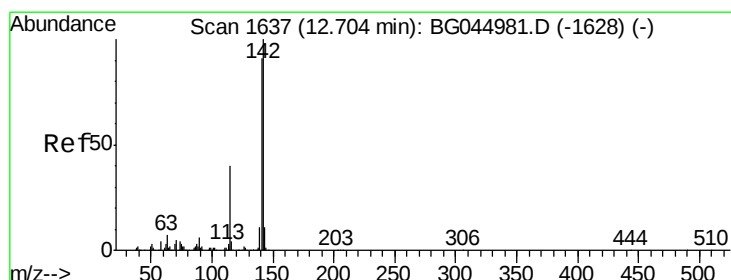
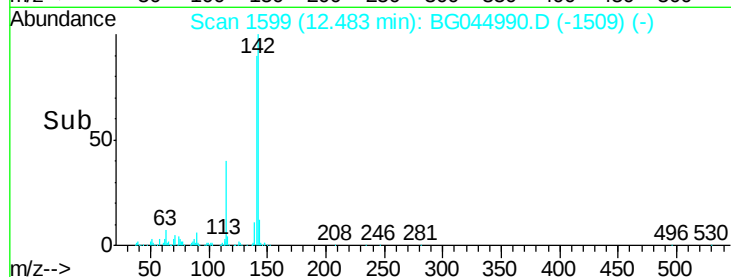
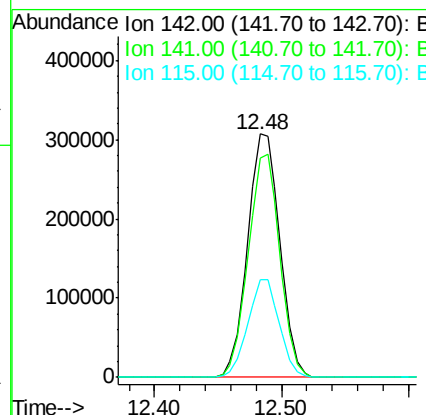
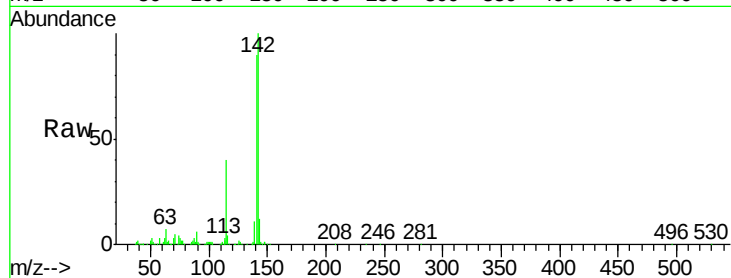
ClientSampleId :

PB128245BS

Tot Ion:	142	Resp:	542838
Ion Ratio	Lower	Upper	
142	100		
141	90.0	70.3	105.5
115	40.1	29.8	44.6

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#38

1-Methylnaphthalene

Concen: 48.299 ng

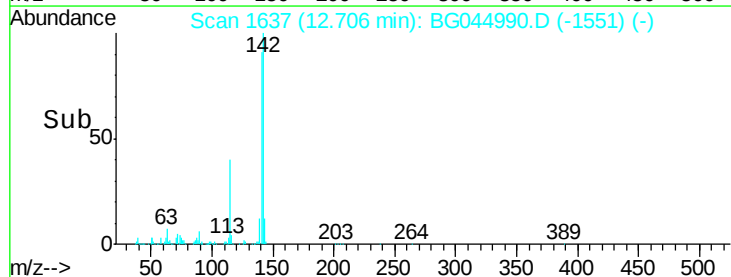
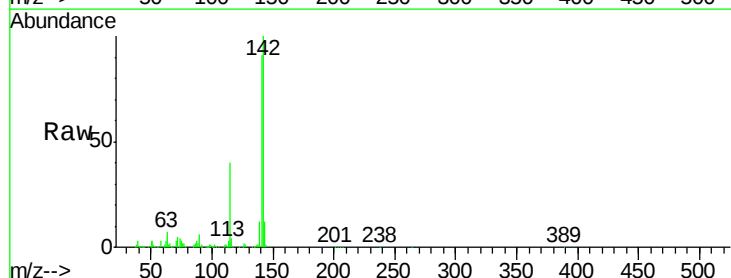
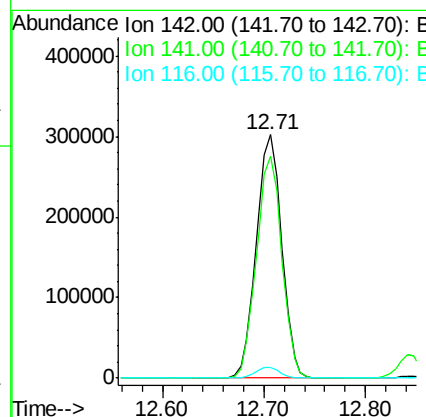
RT: 12.71 min Scan# 1637

Delta R.T. 0.00 min

Lab File: BG044990.D

Acq: 15 Apr 2020 20:17

Tgt Ion:	142	Resp:	526501
Ion Ratio	Lower	Upper	
142	100		
141	91.2	72.7	109.1
116	4.3	3.1	4.7





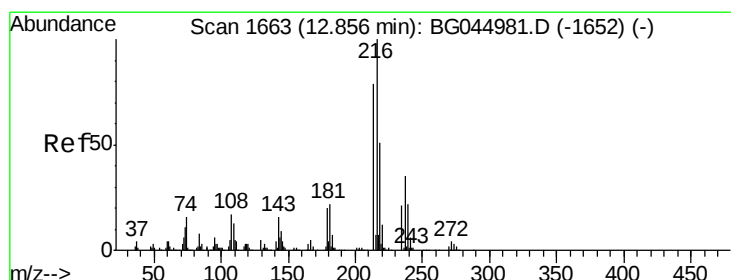
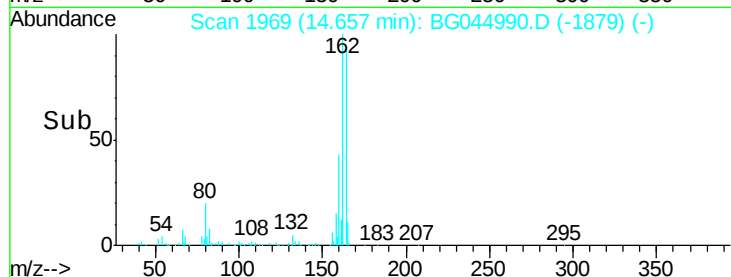
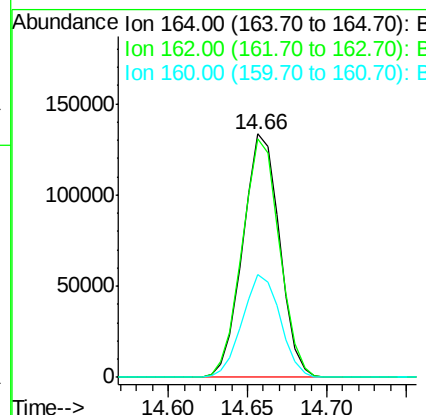
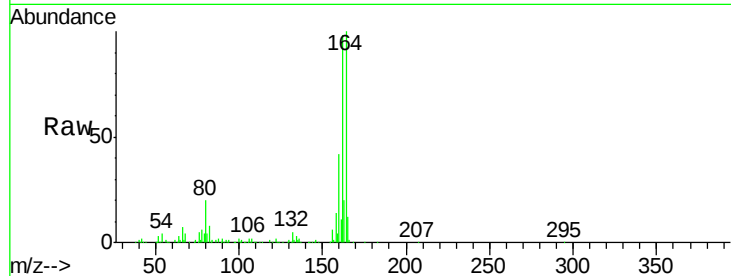
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1969
Delta R.T. -0.00 min
Lab File: BG044990.D
Acq: 15 Apr 2020 20:17

Instrument :
BNA_G
ClientSampleId :
PB128245BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	97.9	78.7	118.1
160	42.4	32.8	49.2

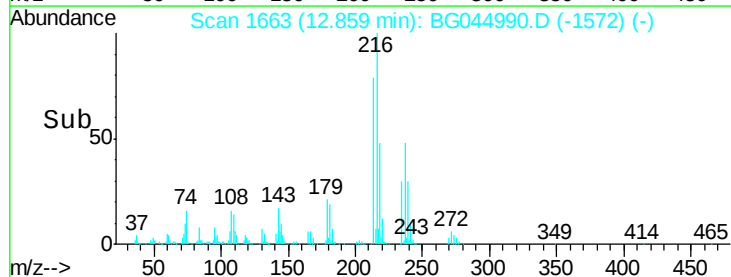
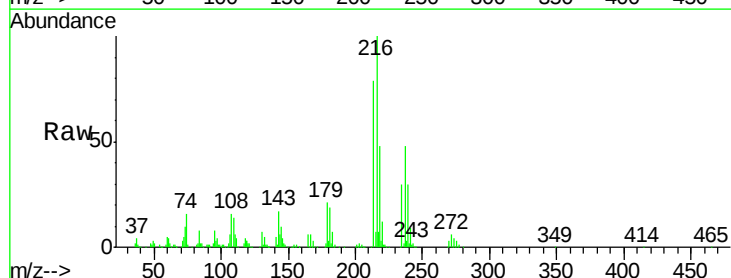
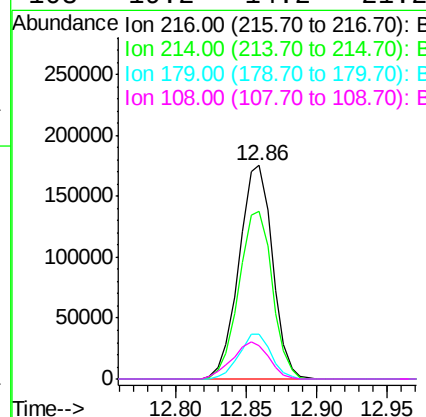
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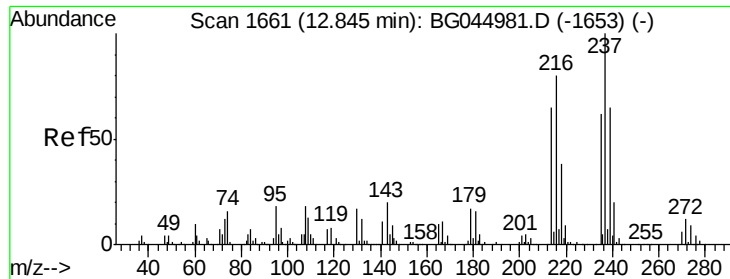
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.038 ng
RT: 12.86 min Scan# 1663
Delta R.T. 0.00 min
Lab File: BG044990.D
Acq: 15 Apr 2020 20:17

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.6	63.0	94.6
179	20.4	15.8	23.8
108	19.2	14.2	21.2





#41

Hexachlorocyclopentadiene

Concen: 95.143 ng

RT: 12.84 min Scan# 1660

Delta R.T. -0.00 min

Lab File: BG044990.D

Acq: 15 Apr 2020 20:17

Instrument :

BNA_G

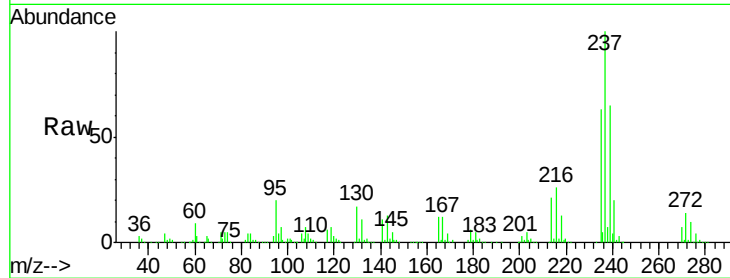
ClientSampleId :

PB128245BS

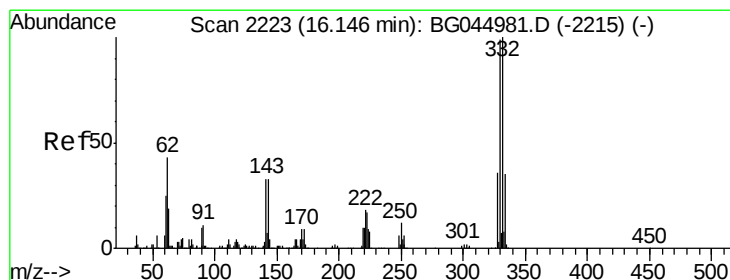
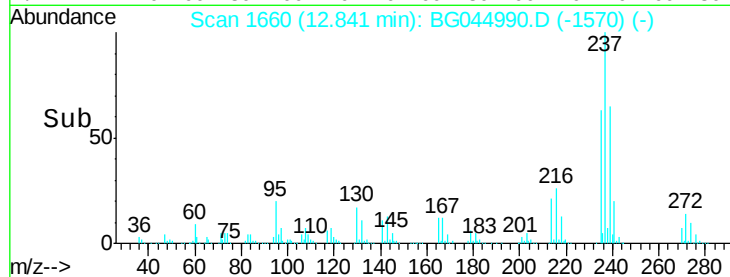
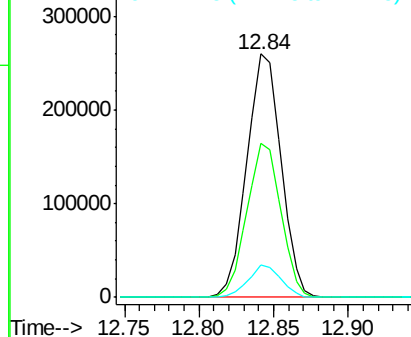
Tot Ion:	237	Resp:	410975
Ion Ratio	Lower	Upper	
237	100		
235	63.2	41.6	81.6
272	13.6	0.0	32.1

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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: 138.713 ng

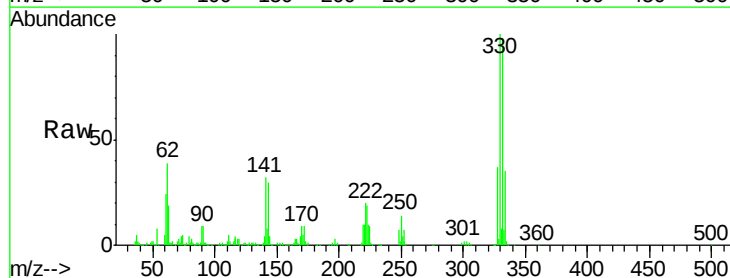
RT: 16.15 min Scan# 2223

Delta R.T. 0.00 min

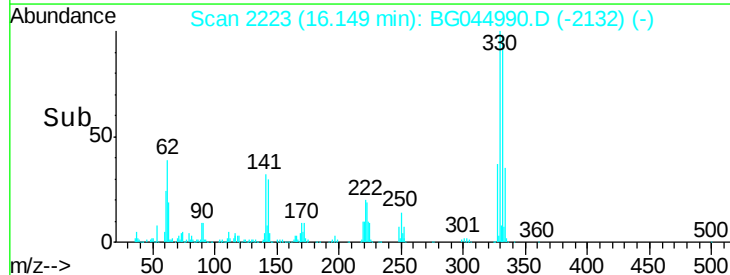
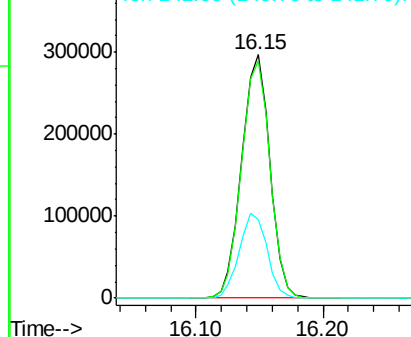
Lab File: BG044990.D

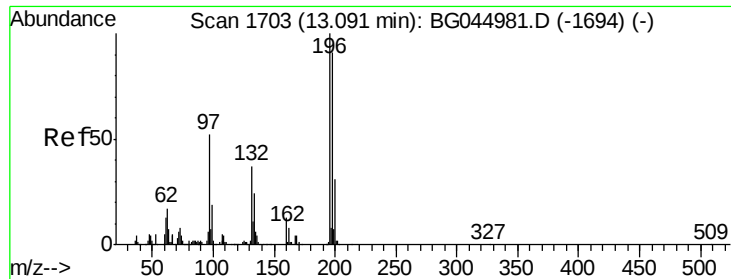
Acq: 15 Apr 2020 20:17

Tgt Ion:	330	Resp:	459978
Ion Ratio	Lower	Upper	
330	100		
332	98.3	79.1	118.7
141	34.3	27.1	40.7



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





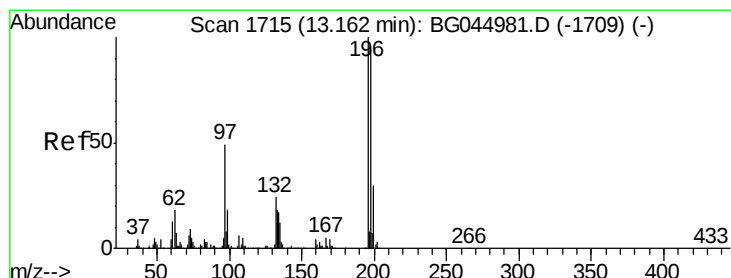
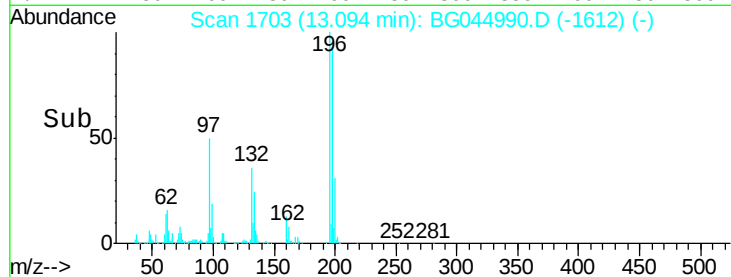
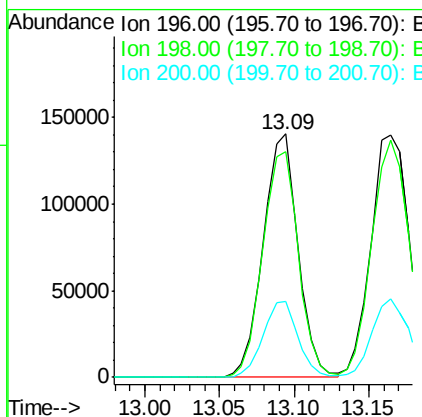
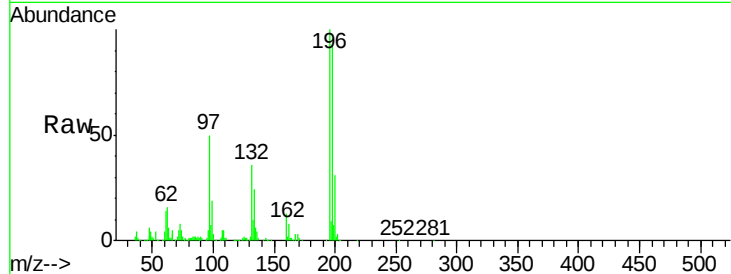
#43
 2,4,6-Trichlorophenol
 Concen: 46.508 ng
 RT: 13.09 min Scan# 1703
 Delta R.T. 0.00 min
 Lab File: BG044990.D
 Acq: 15 Apr 2020 20:17

Instrument :
 BNA_G
 ClientSampleId :
 PB128245BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	226847		
198	93.0	72.5	108.7	
200	31.4	24.5	36.7	

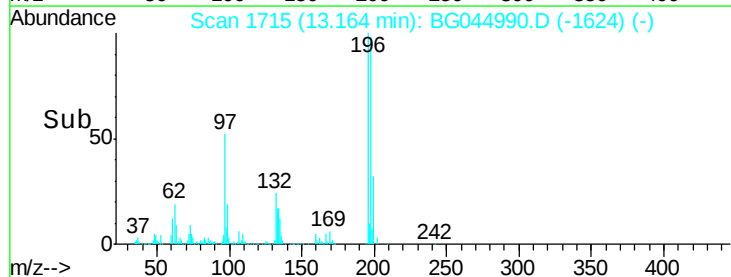
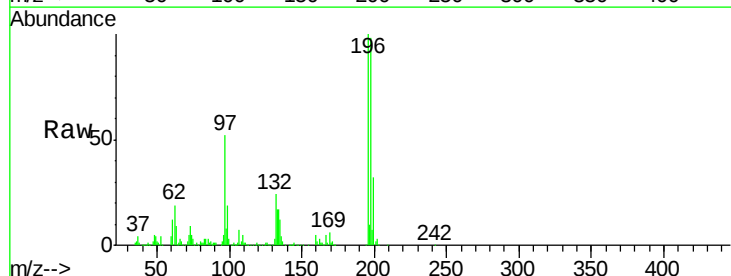
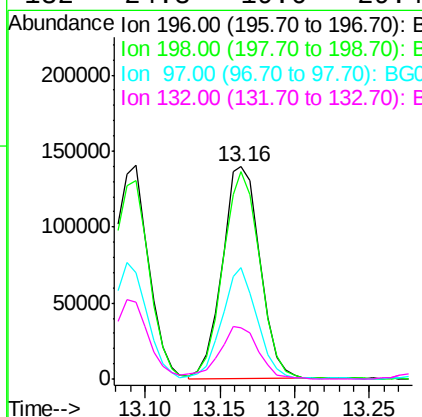
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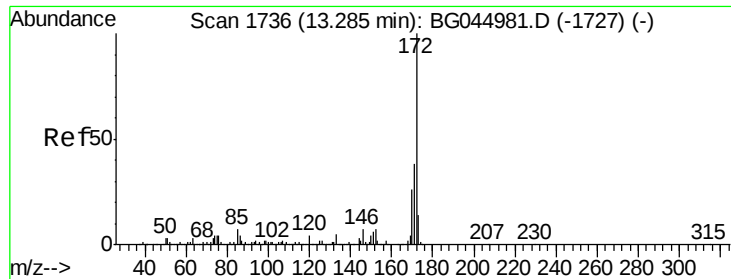
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 44.503 ng
 RT: 13.16 min Scan# 1715
 Delta R.T. 0.00 min
 Lab File: BG044990.D
 Acq: 15 Apr 2020 20:17

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	247084		
198	97.8	75.7	113.5	
97	52.2	39.6	59.4	
132	24.3	19.6	29.4	





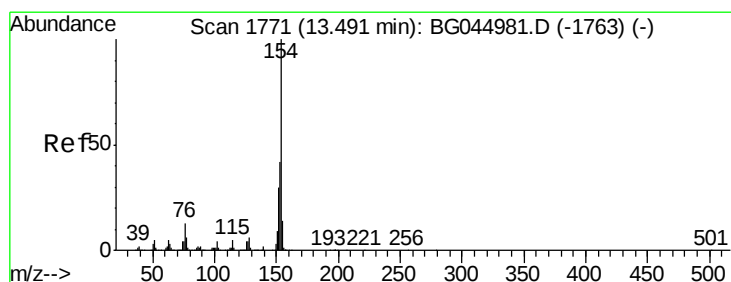
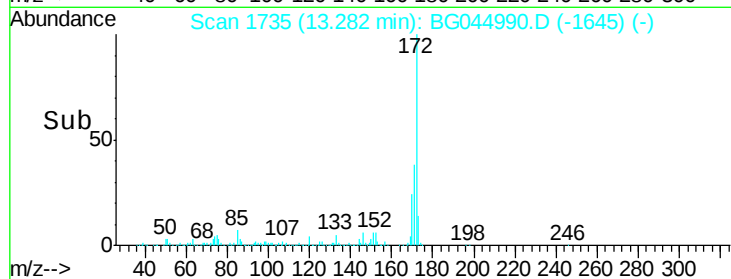
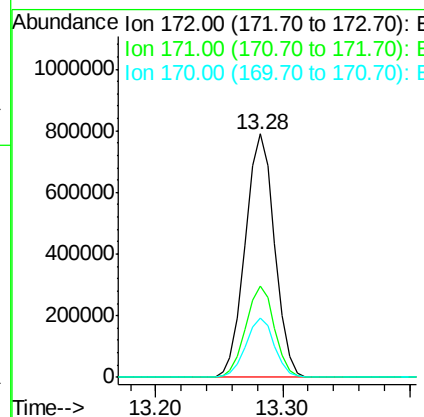
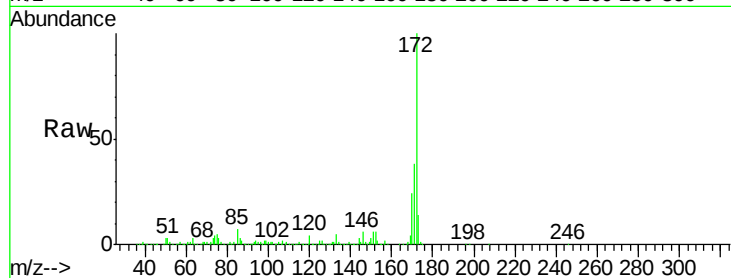
#45
 2-Fluorobiphenyl
 Concen: 86.362 ng
 RT: 13.28 min Scan# 1735
 Delta R.T. -0.00 min
 Lab File: BG044990.D
 Acq: 15 Apr 2020 20:17

Instrument :
 BNA_G
 ClientSampleId :
 PB128245BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.5	30.6	46.0
170	24.1	20.5	30.7

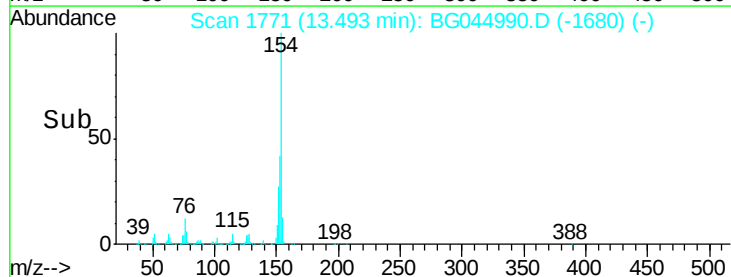
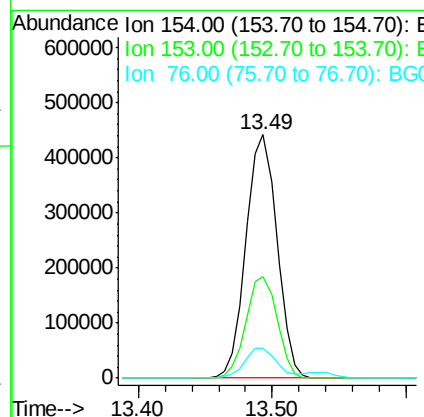
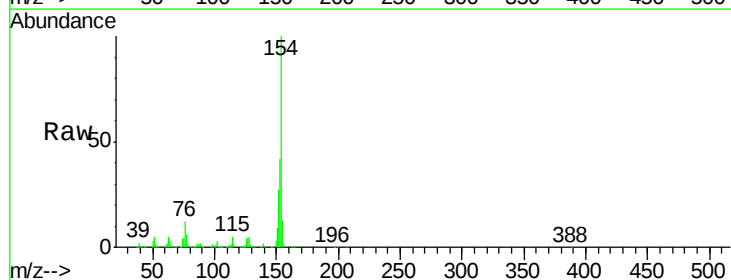
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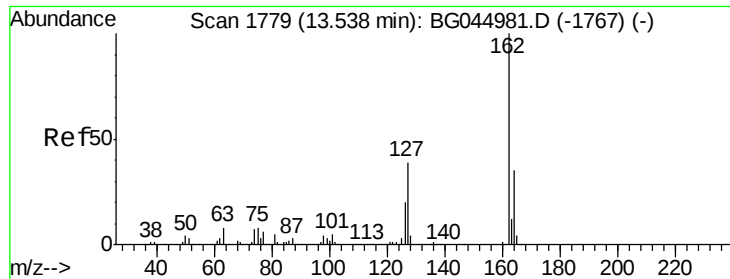
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#46
 1,1'-Biphenyl
 Concen: 43.364 ng
 RT: 13.49 min Scan# 1771
 Delta R.T. 0.00 min
 Lab File: BG044990.D
 Acq: 15 Apr 2020 20:17

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.6	21.9	61.9
76	12.3	0.0	33.1





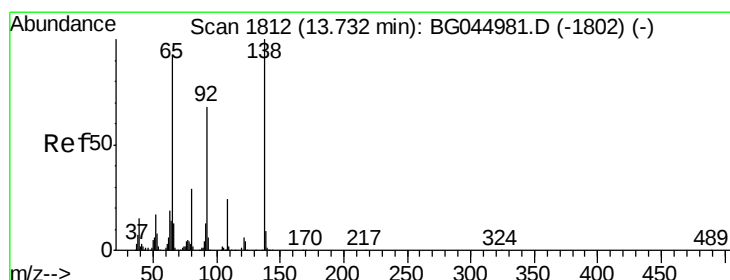
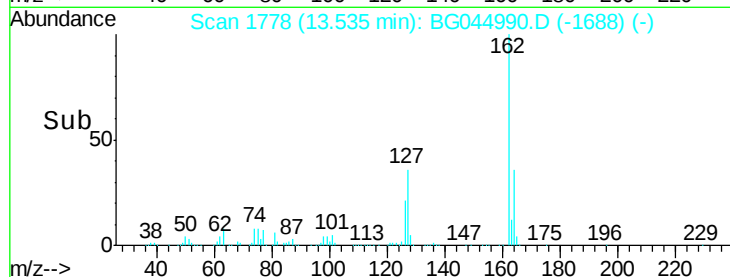
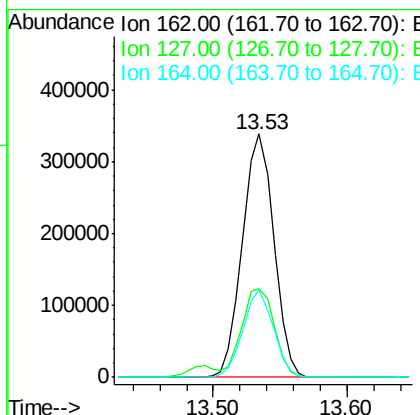
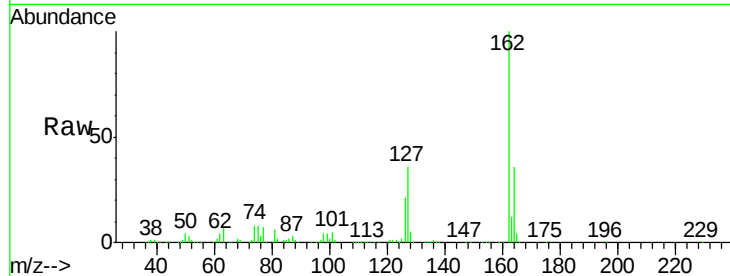
#47
2-Chloronaphthalene
Concen: 44.146 ng
RT: 13.53 min Scan# 1778
Delta R.T. -0.00 min
Lab File: BG044990.D
Acq: 15 Apr 2020 20:17

Instrument :
BNA_G
ClientSampleId :
PB128245BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	36.2	31.3	46.9
164	35.8	27.8	41.8

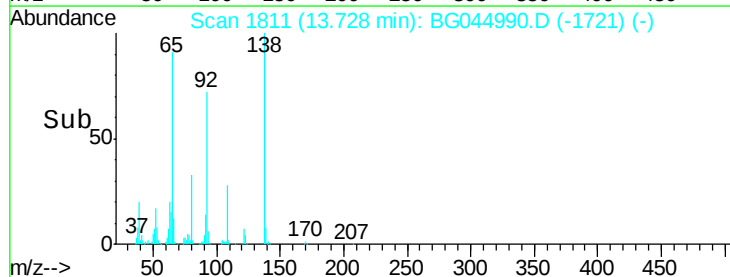
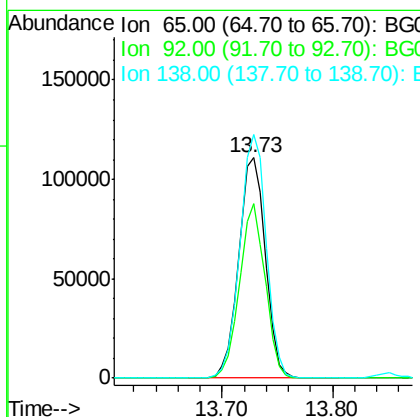
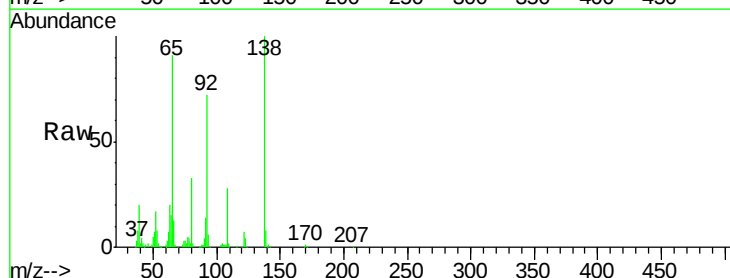
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#48
2-Nitroaniline
Concen: 46.166 ng
RT: 13.73 min Scan# 1811
Delta R.T. -0.00 min
Lab File: BG044990.D
Acq: 15 Apr 2020 20:17

Tgt Ion	Ratio	Lower	Upper
65	100		
92	79.0	58.3	87.5
138	110.5	85.6	128.4





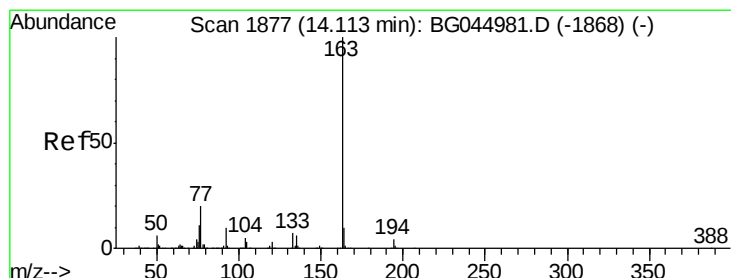
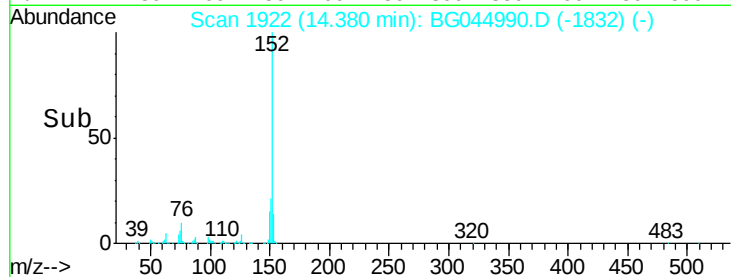
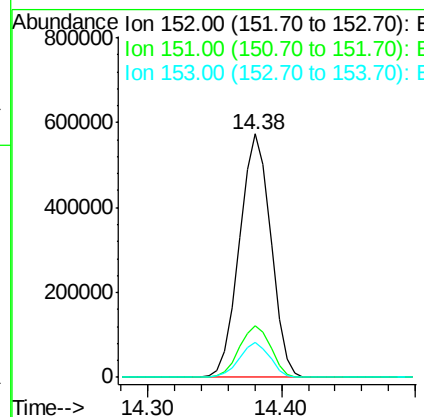
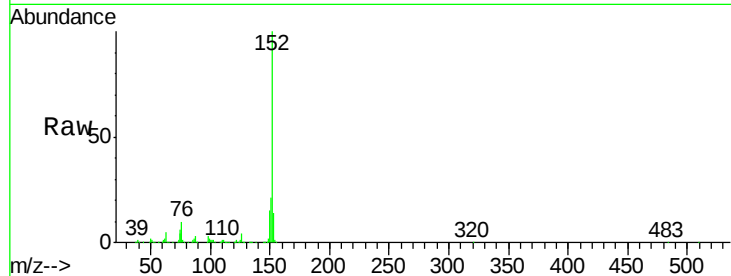
#49
Acenaphthylene
Concen: 45.892 ng
RT: 14.38 min Scan# 1922
Delta R.T. -0.00 min
Lab File: BG044990.D
Acq: 15 Apr 2020 20:17

Instrument :
BNA_G
ClientSampleId :
PB128245BS

Tot Ion	Ratio	Resp	Lower	Upper
152	100	931859		
151	21.3		17.2	25.8
153	14.4		11.0	16.4

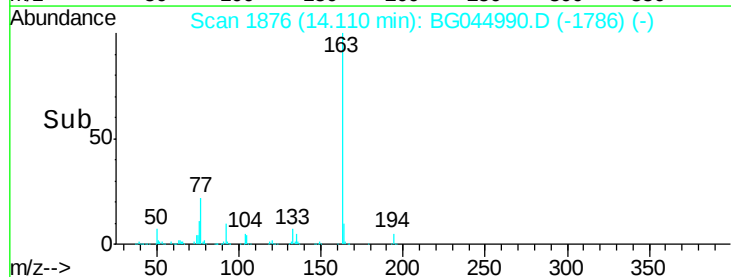
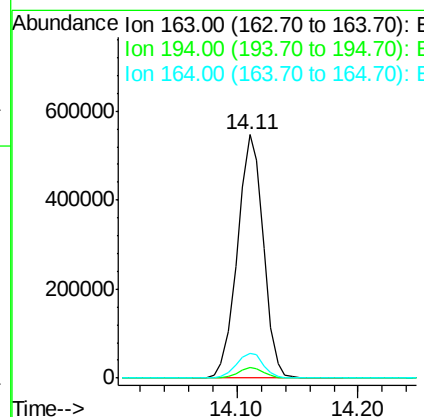
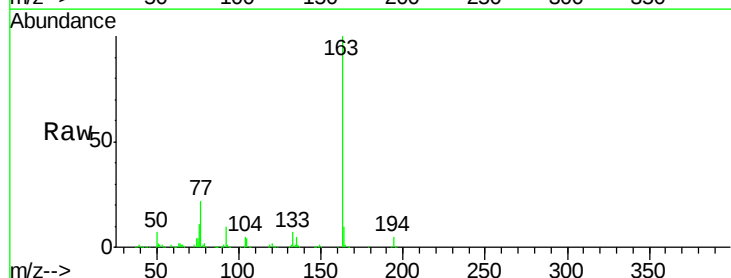
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#50
Dimethylphthalate
Concen: 46.638 ng
RT: 14.11 min Scan# 1876
Delta R.T. -0.00 min
Lab File: BG044990.D
Acq: 15 Apr 2020 20:17

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	815128		
194	4.5		3.5	5.3
164	10.4		8.2	12.4





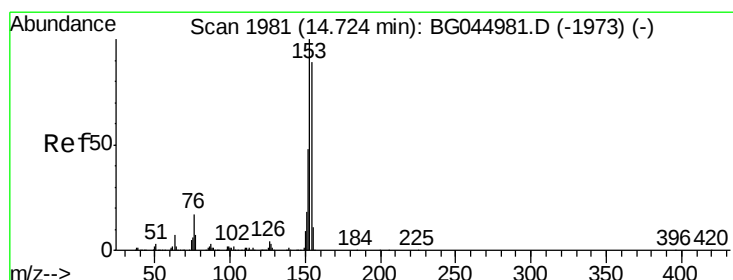
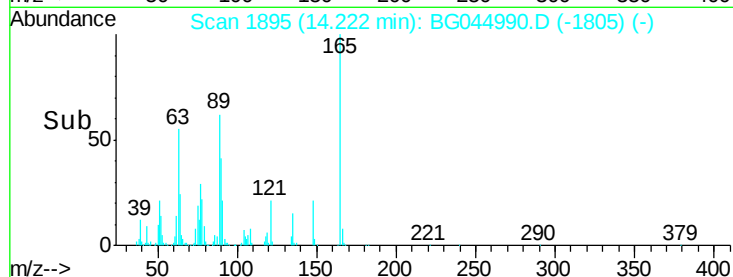
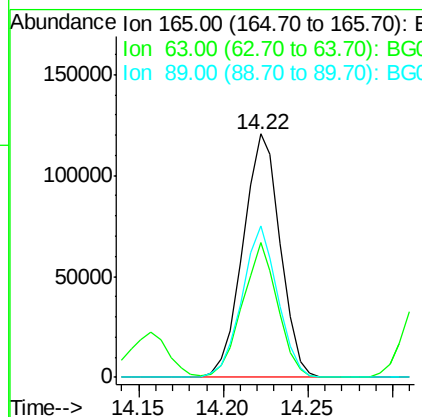
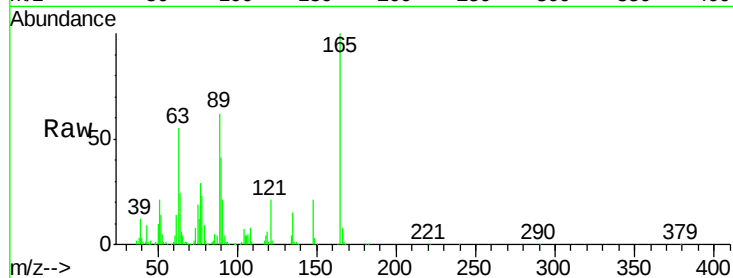
#51
 2,6-Dinitrotoluene
 Concen: 47.316 ng
 RT: 14.22 min Scan# 1895
 Delta R.T. -0.00 min
 Lab File: BG044990.D
 Acq: 15 Apr 2020 20:17

Instrument :
 BNA_G
 ClientSampleId :
 PB128245BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	184972		
63	55.4	40.4	60.6	
89	62.0	49.1	73.7	

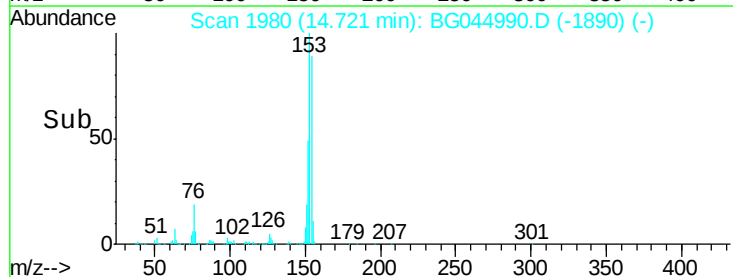
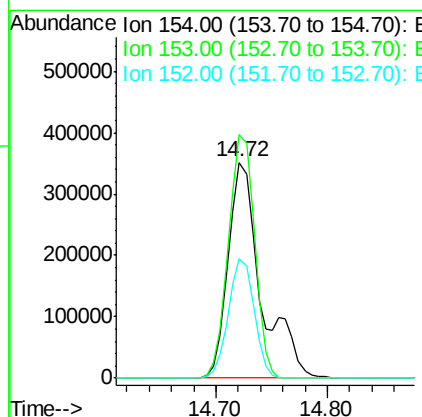
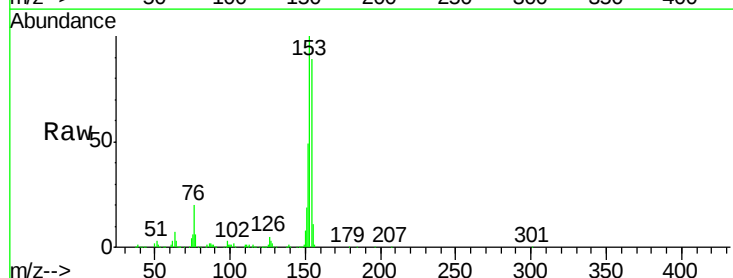
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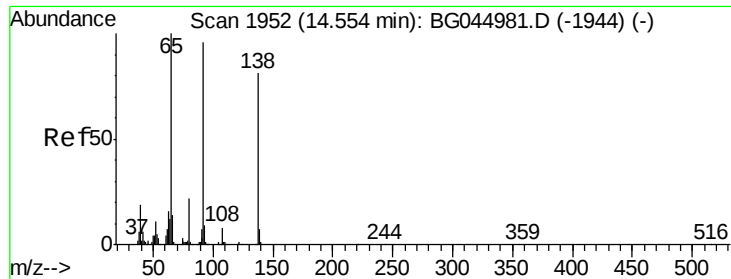
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#52
 Acenaphthene
 Concen: 52.511 ng m
 RT: 14.72 min Scan# 1980
 Delta R.T. -0.00 min
 Lab File: BG044990.D
 Acq: 15 Apr 2020 20:17

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	721427		
153	112.7	89.7	134.5	
152	55.1	43.1	64.7	





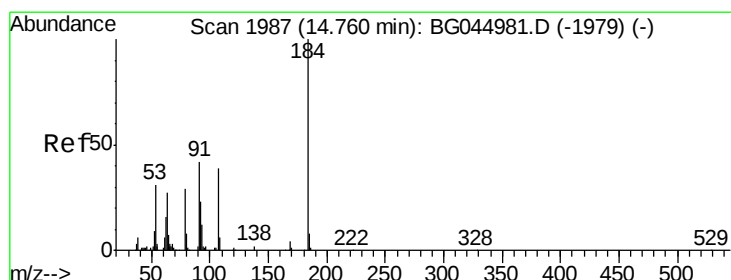
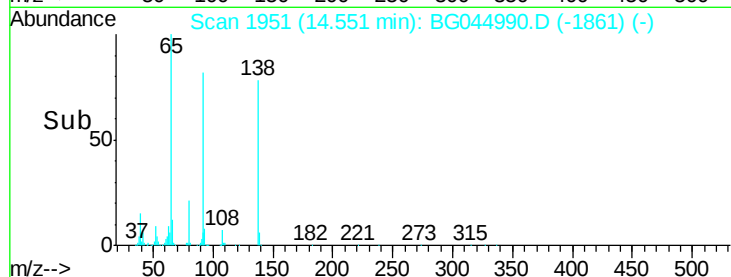
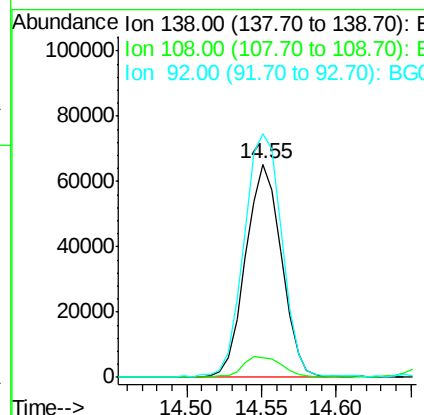
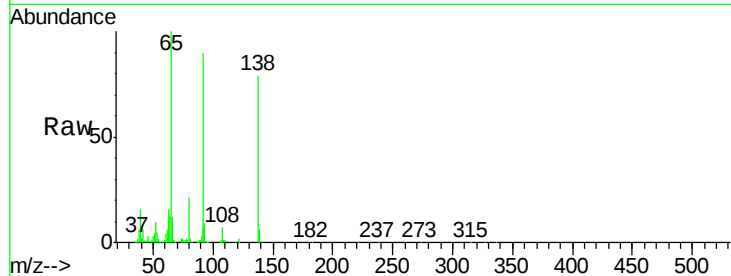
#53
3-Nitroaniline
Concen: 25.234 ng
RT: 14.55 min Scan# 1951
Delta R.T. -0.00 min
Lab File: BG044990.D
Acq: 15 Apr 2020 20:17

Instrument :
BNA_G
ClientSampleId :
PB128245BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.4	7.8	11.8
92	114.3	94.5	141.7

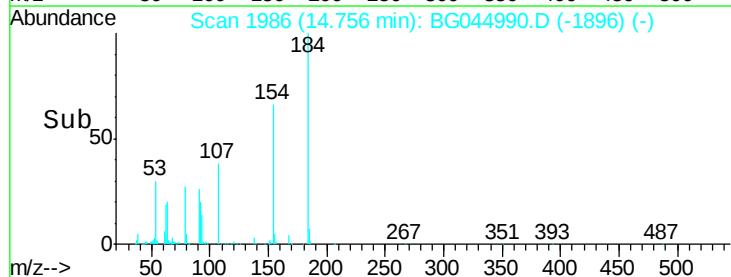
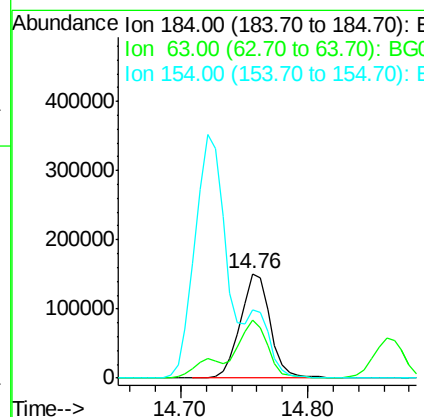
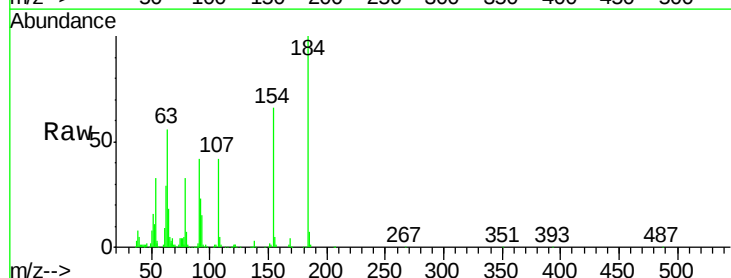
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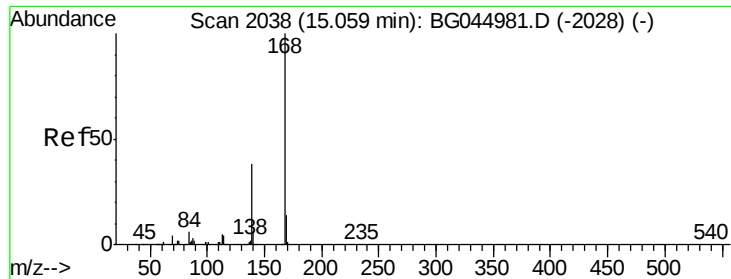
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#54
2,4-Dinitrophenol
Concen: 105.437 ng
RT: 14.76 min Scan# 1986
Delta R.T. -0.00 min
Lab File: BG044990.D
Acq: 15 Apr 2020 20:17

Tgt Ion	Ratio	Lower	Upper
184	100		
63	55.5	41.5	62.3
154	65.8	52.3	78.5





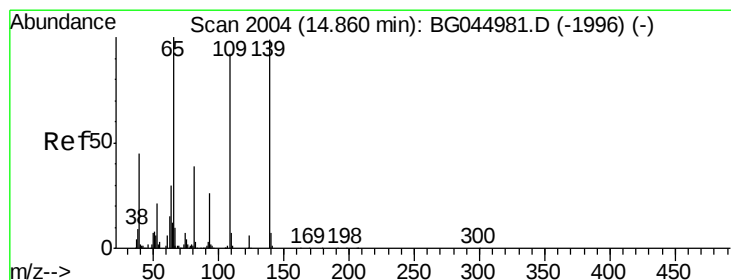
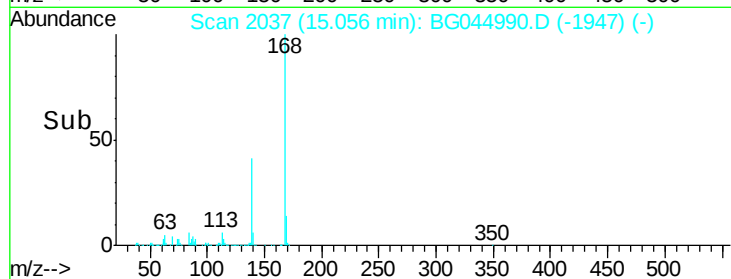
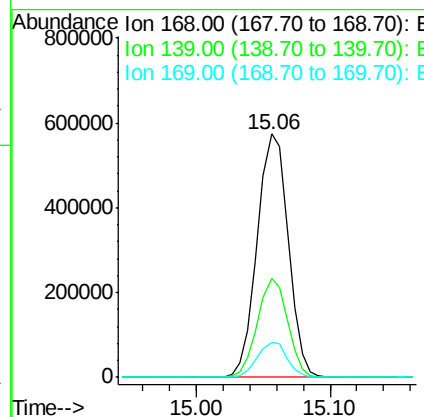
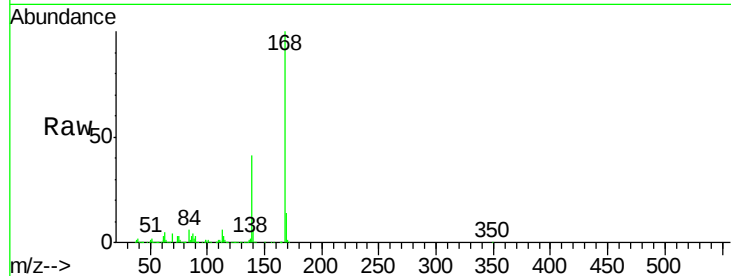
#55
Dibenzenofuran
Concen: 45.948 ng
RT: 15.06 min Scan# 2037
Delta R.T. -0.00 min
Lab File: BG044990.D
Acq: 15 Apr 2020 20:17

Instrument :
BNA_G
ClientSampleId :
PB128245BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	40.8	30.4	45.6
169	14.1	11.0	16.4

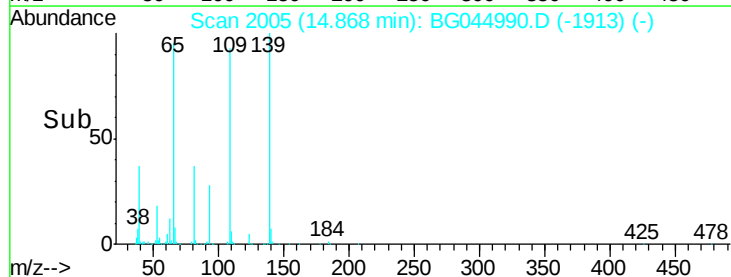
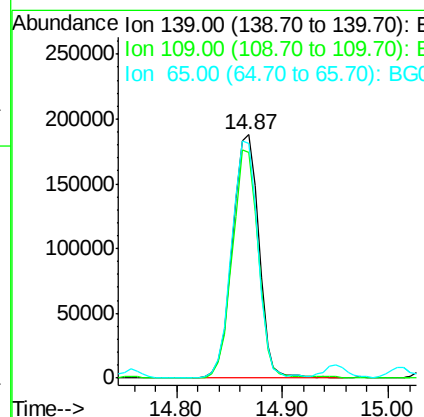
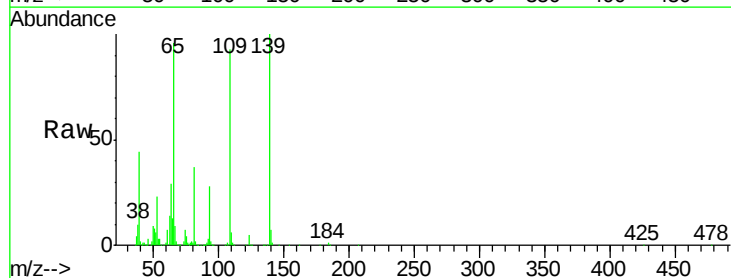
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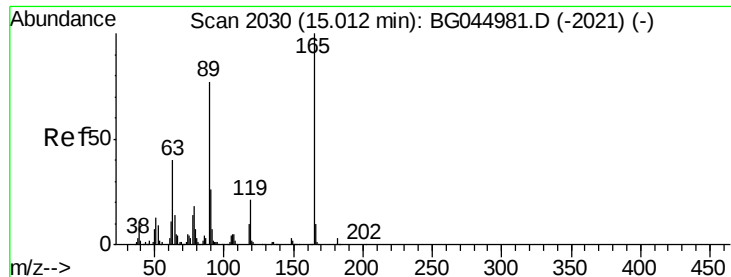
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#56
4-Nitrophenol
Concen: 97.859 ng
RT: 14.87 min Scan# 2005
Delta R.T. 0.01 min
Lab File: BG044990.D
Acq: 15 Apr 2020 20:17

Tgt Ion	Ratio	Lower	Upper
139	100		
109	92.6	73.6	113.6
65	96.5	81.2	121.2





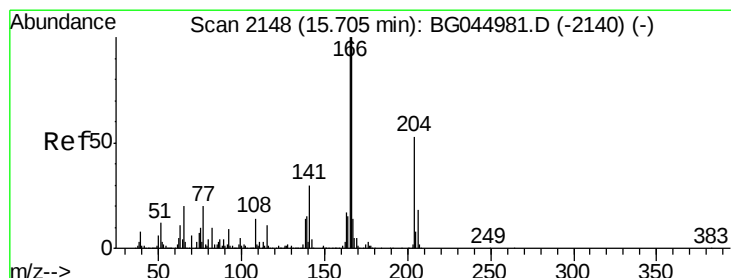
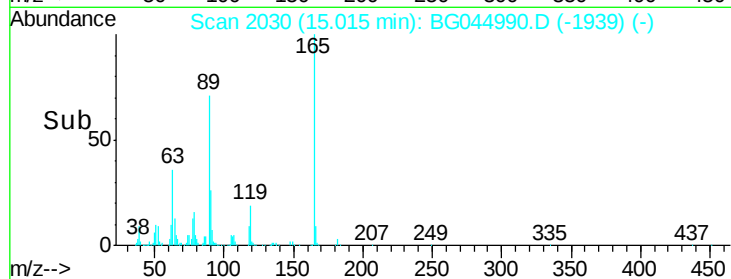
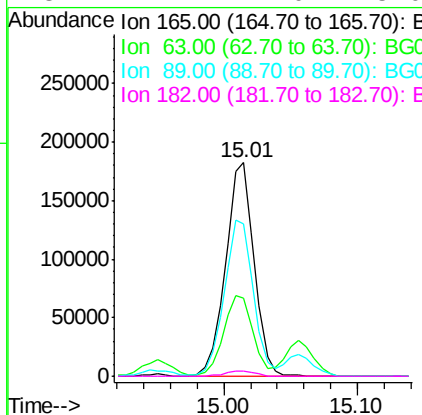
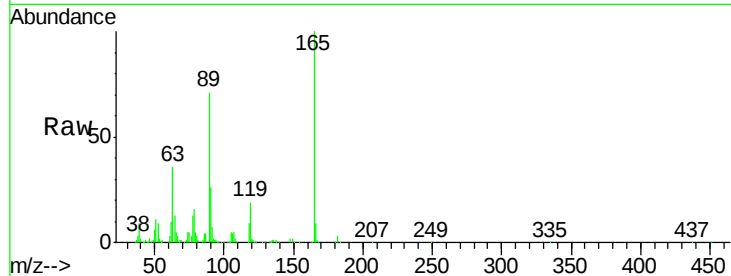
#57
2,4-Dinitrotoluene
Concen: 47.636 ng
RT: 15.01 min Scan# 2030
Delta R.T. 0.00 min
Lab File: BG044990.D
Acq: 15 Apr 2020 20:17

Instrument :
BNA_G
ClientSampleId :
PB128245BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		272142		
63	36.4		32.2	48.2	
89	71.3		61.7	92.5	
182	2.7		2.0	3.0	

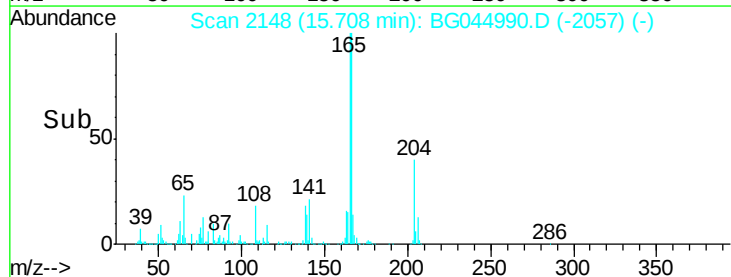
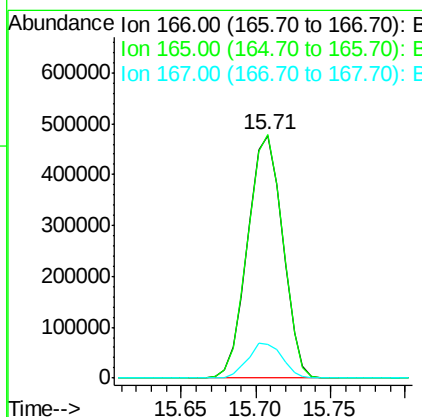
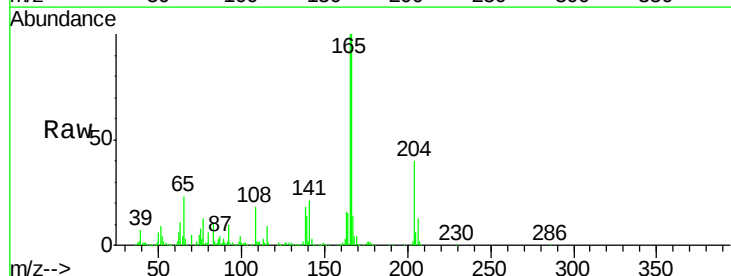
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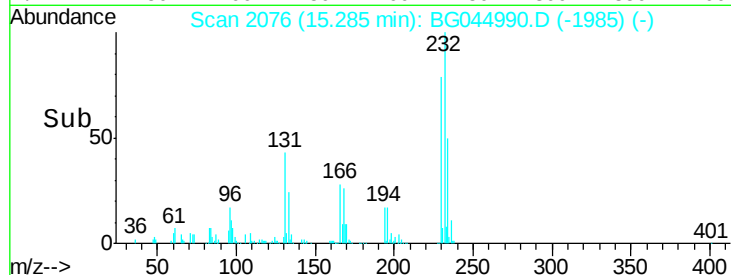
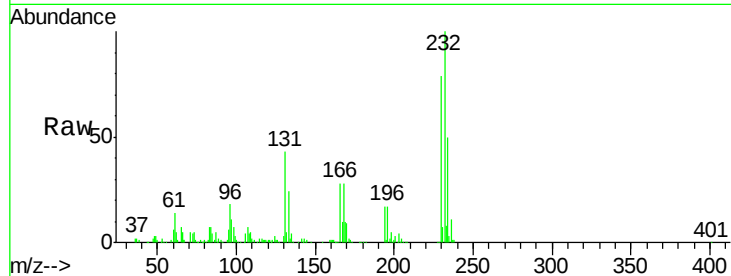
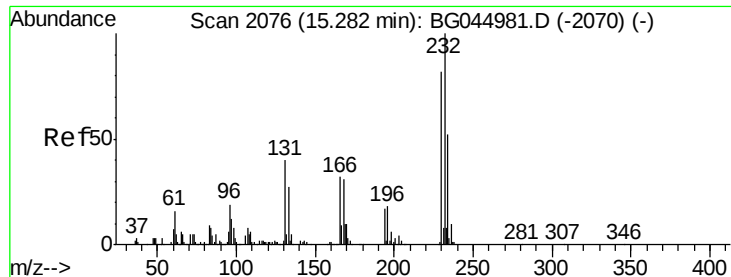
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#58
Fluorene
Concen: 47.221 ng
RT: 15.71 min Scan# 2148
Delta R.T. 0.00 min
Lab File: BG044990.D
Acq: 15 Apr 2020 20:17

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		772570		
165	100.2		79.9	119.9	
167	13.9		11.4	17.0	





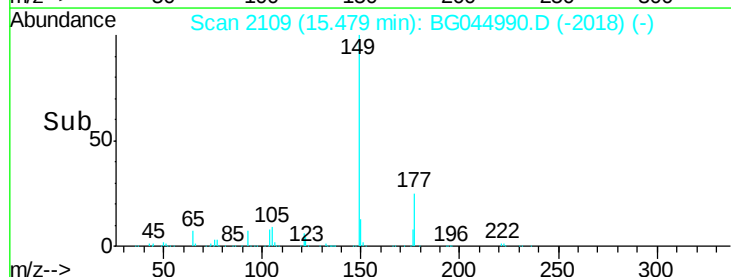
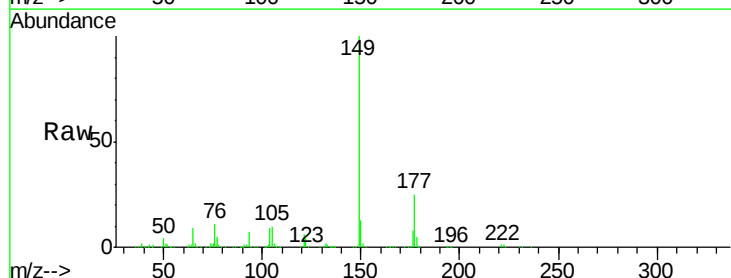
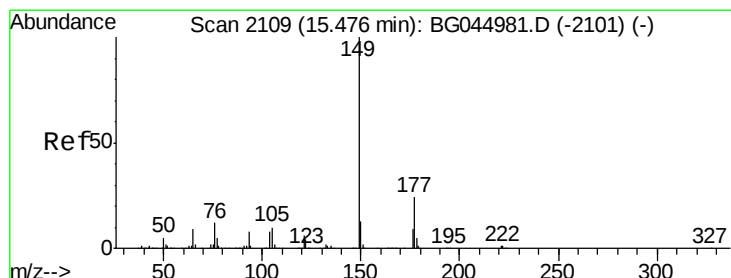
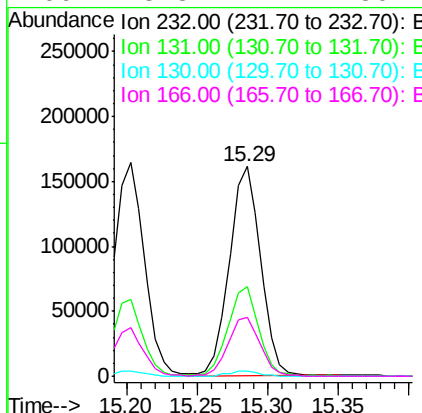
#59
2,3,4,6-Tetrachlorophenol
Concen: 50.390 ng
RT: 15.29 min Scan# 2076
Delta R.T. 0.00 min
Lab File: BG044990.D
Acq: 15 Apr 2020 20:17

Instrument :
BNA_G
ClientSampleId :
PB128245BS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	248930		
131	42.0	32.2	48.2	
130	2.5	2.2	3.2	
166	28.8	24.2	36.4	

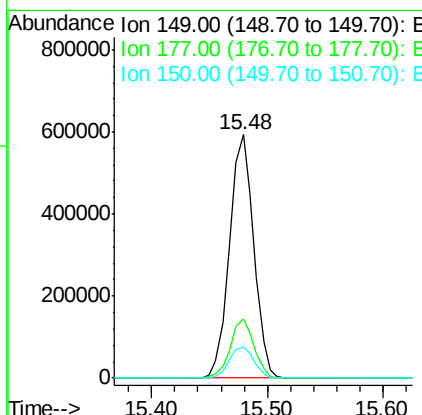
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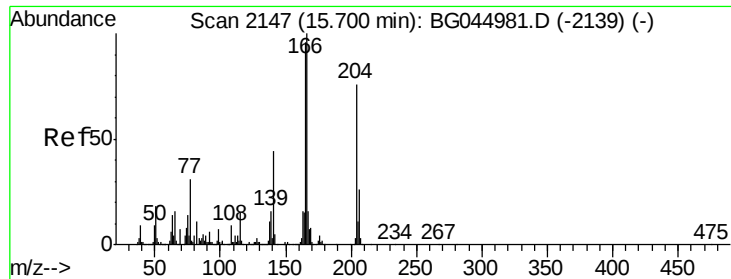
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#60
Diethylphthalate
Concen: 47.142 ng
RT: 15.48 min Scan# 2109
Delta R.T. 0.00 min
Lab File: BG044990.D
Acq: 15 Apr 2020 20:17

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	859036		
177	24.5	18.9	28.3	
150	12.9	10.6	15.8	





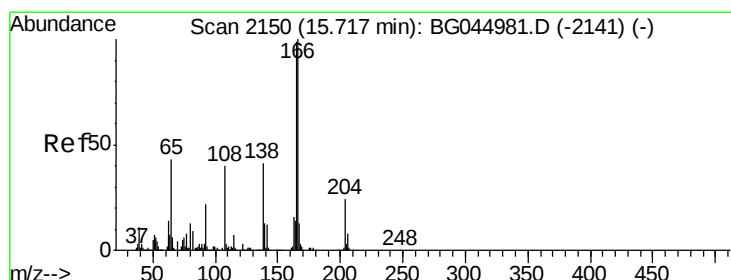
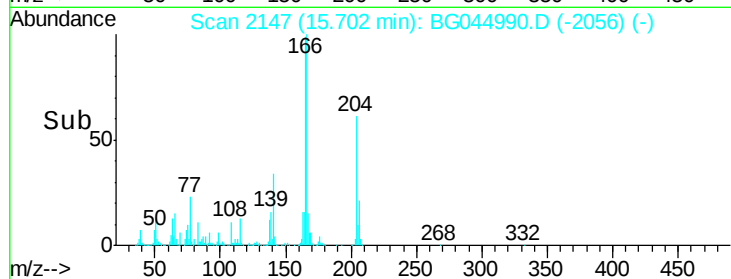
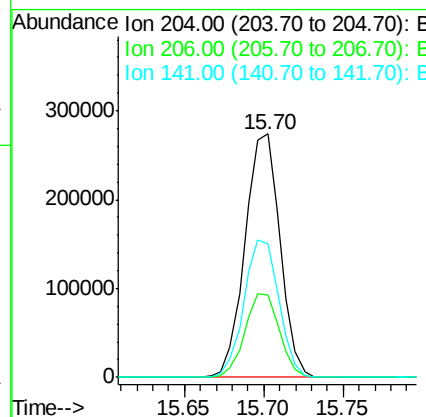
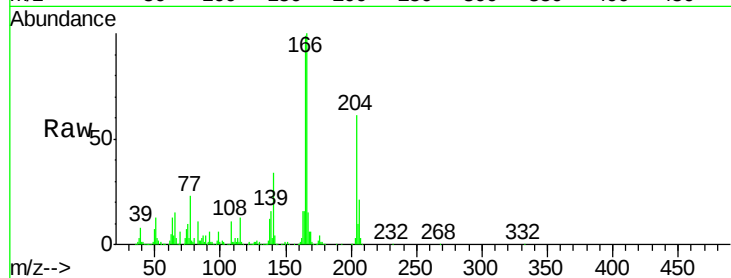
#61
 4-Chlorophenyl-phenylether
 Concen: 44.541 ng
 RT: 15.70 min Scan# 2147
 Delta R.T. 0.00 min
 Lab File: BG044990.D
 Acq: 15 Apr 2020 20:17

Instrument :
 BNA_G
 ClientSampleId :
 PB128245BS

Tot Ion	Ratio	Resp	Lower	Upper
204	100			
206	34.1	26.9	40.3	
141	55.1	46.3	69.5	

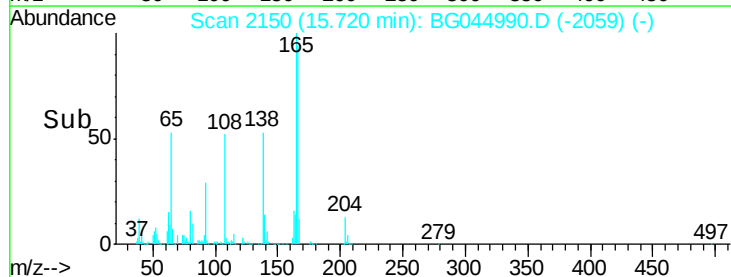
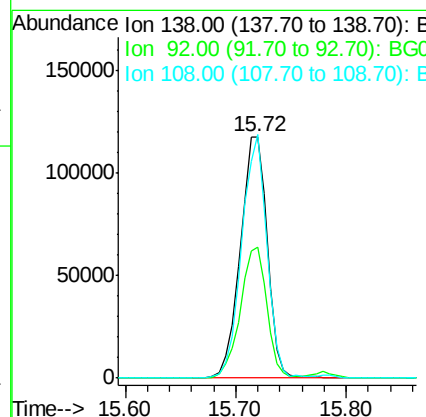
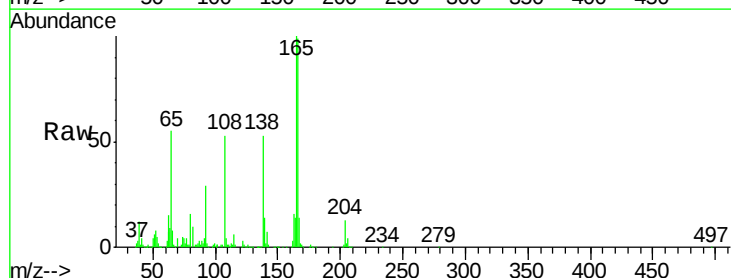
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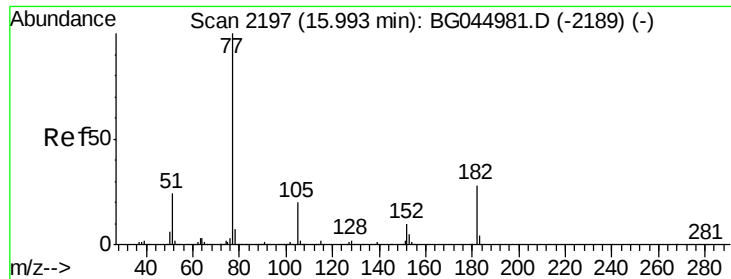
mohammad
 4/16/2020 12:54:57 PM



#62
 4-Nitroaniline
 Concen: 45.537 ng
 RT: 15.72 min Scan# 2150
 Delta R.T. 0.00 min
 Lab File: BG044990.D
 Acq: 15 Apr 2020 20:17

Tgt Ion	Ratio	Resp	Lower	Upper
138	100			
92	54.3	33.6	73.6	
108	100.8	78.2	118.2	





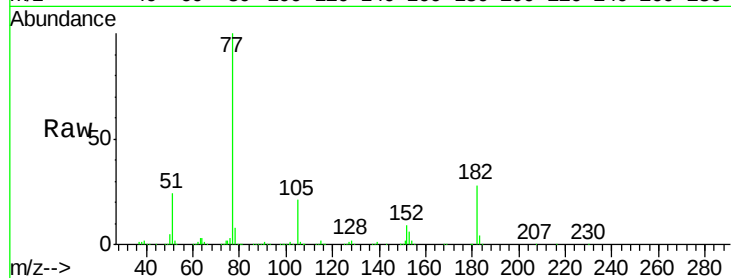
#63
Azobenzene
Concen: 47.406 ng
RT: 15.99 min Scan# 2196
Delta R.T. -0.00 min
Lab File: BG044990.D
Acq: 15 Apr 2020 20:17

Instrument :
BNA_G
ClientSampleId :
PB128245BS

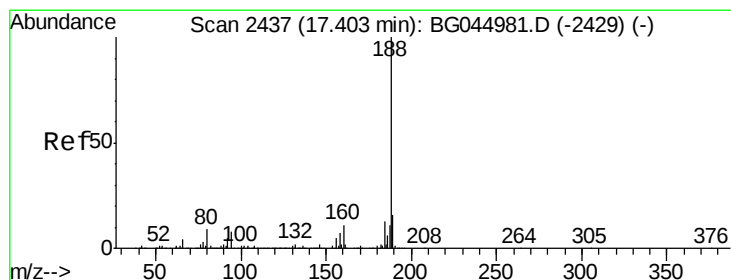
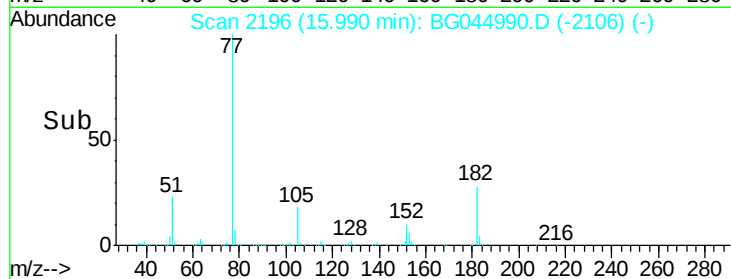
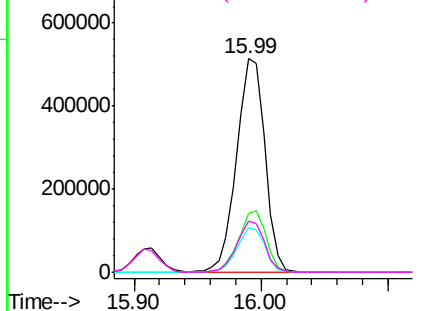
Tot Ion	Ratio	Lower	Upper
77	100		
182	27.6	8.4	48.4
105	20.8	0.5	40.5
51	23.7	4.4	44.4

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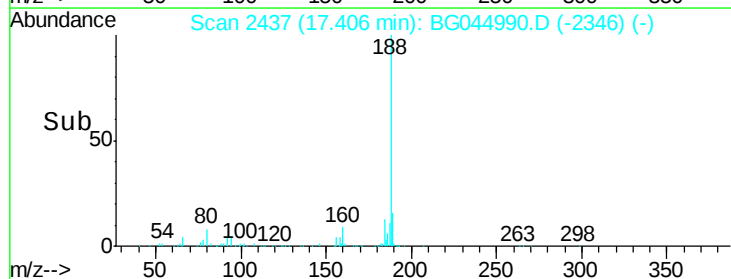
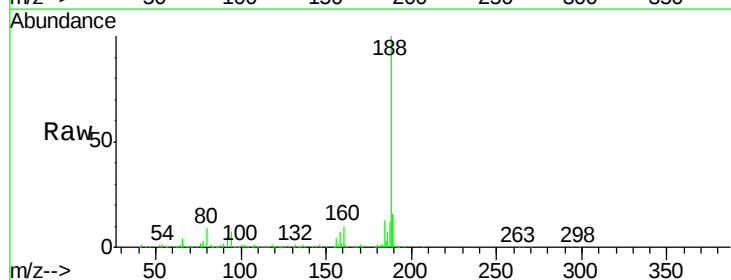
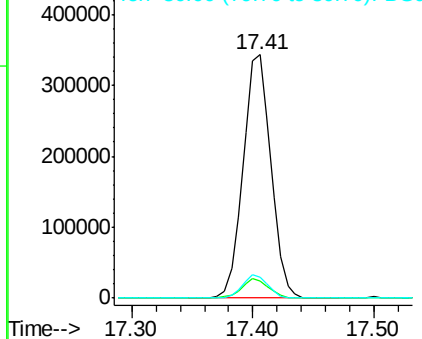
Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

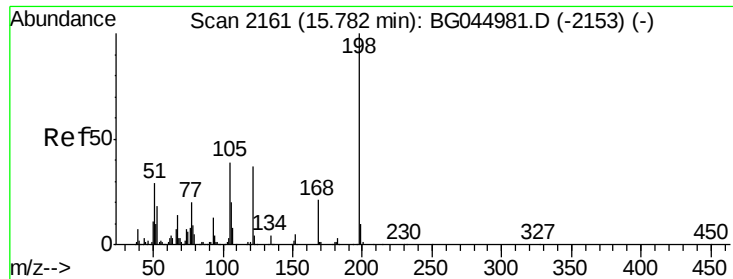


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2437
Delta R.T. 0.00 min
Lab File: BG044990.D
Acq: 15 Apr 2020 20:17

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.2	6.2	9.4
80	8.5	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: 49.164 ng

RT: 15.78 min Scan# 2160

Delta R.T. -0.00 min

Lab File: BG044990.D

Acq: 15 Apr 2020 20:17

Instrument :

BNA_G

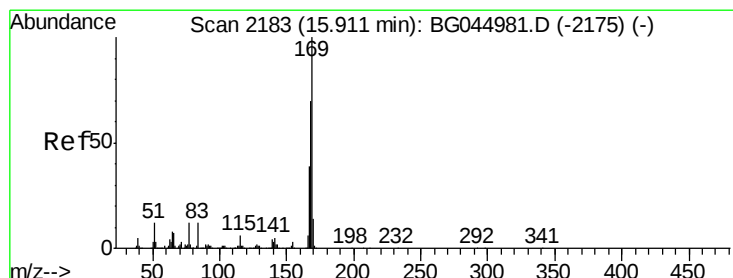
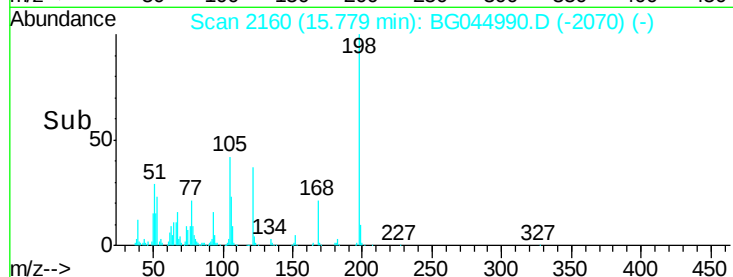
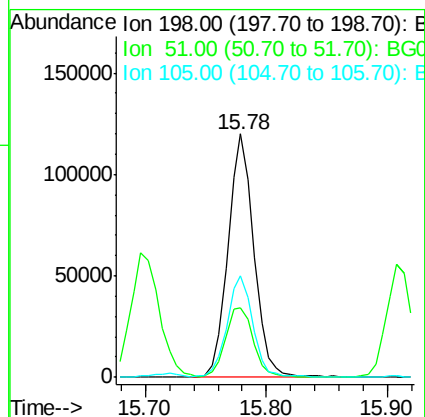
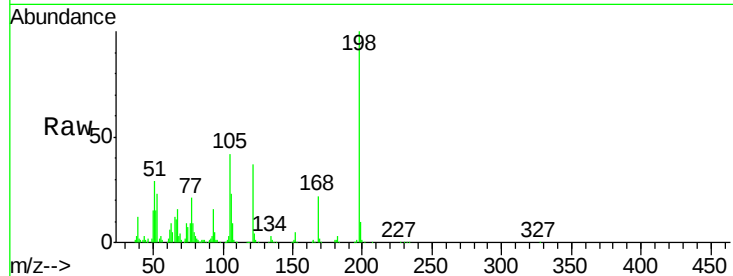
ClientSampleId :

PB128245BS

Tot Ion:	198	Resp:	177681
Ion Ratio	Lower	Upper	
198	100		
51	28.5	10.0	50.0
105	41.7	18.9	58.9

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#66

n-Nitrosodiphenylamine

Concen: 46.048 ng

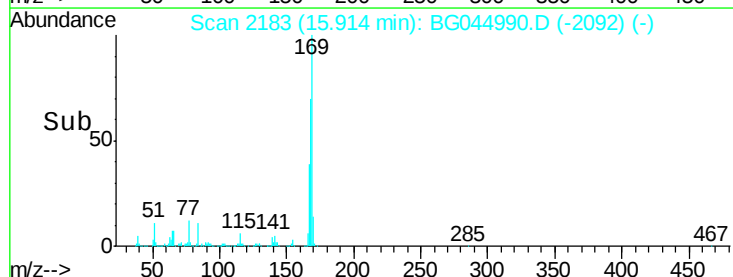
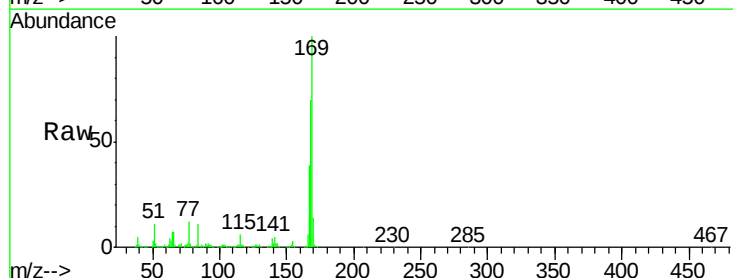
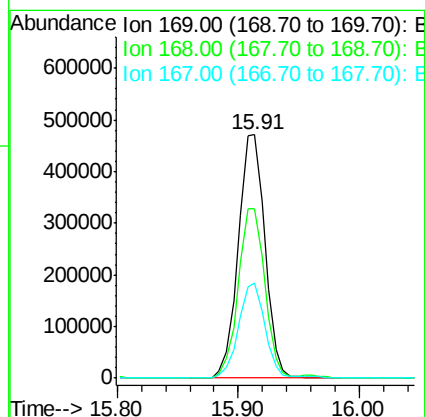
RT: 15.91 min Scan# 2183

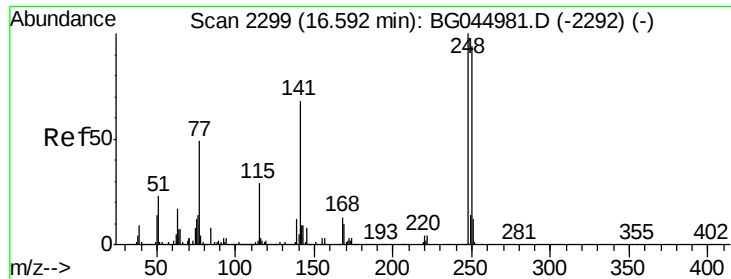
Delta R.T. 0.00 min

Lab File: BG044990.D

Acq: 15 Apr 2020 20:17

Tgt Ion:	169	Resp:	727450
Ion Ratio	Lower	Upper	
169	100		
168	69.6	55.8	83.8
167	39.1	30.8	46.2





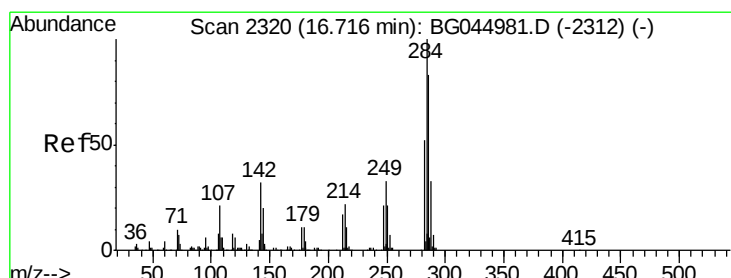
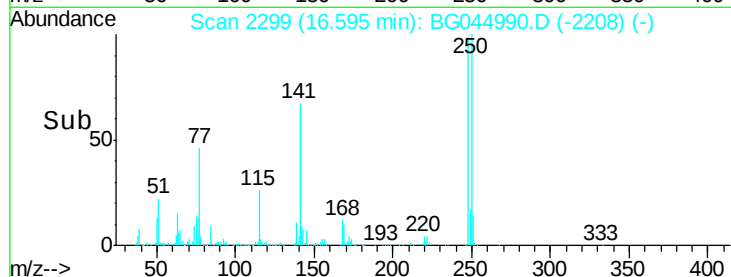
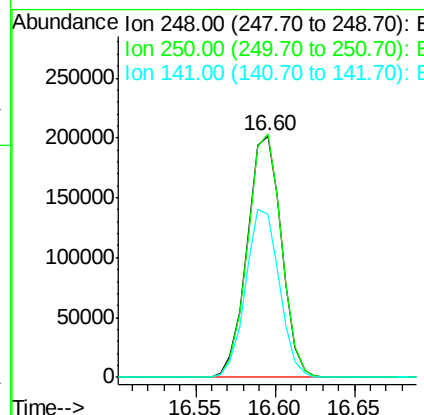
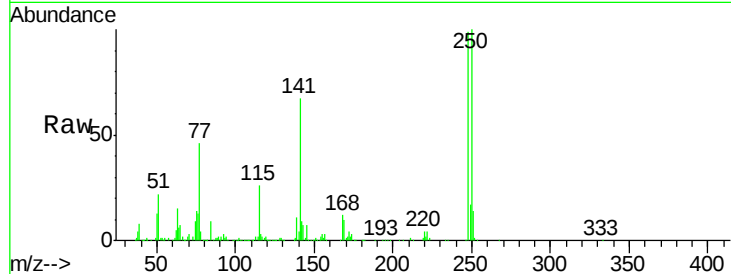
#67
4-Bromophenyl-phenylether
Concen: 42.647 ng
RT: 16.60 min Scan# 2299
Delta R.T. 0.00 min
Lab File: BG044990.D
Acq: 15 Apr 2020 20:17

Instrument :
BNA_G
ClientSampleId :
PB128245BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	101.0	75.4	113.2
141	67.7	54.4	81.6

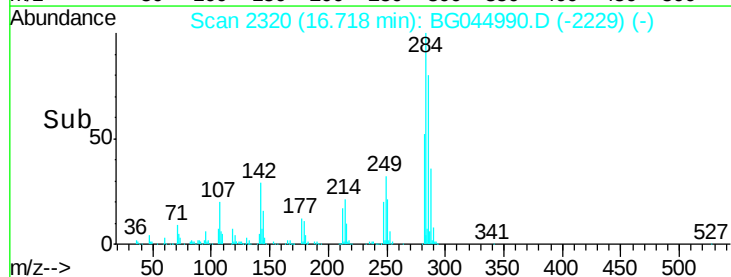
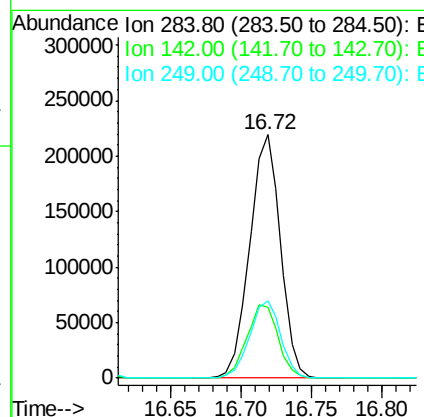
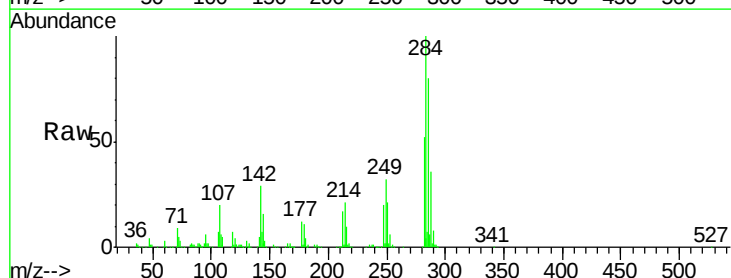
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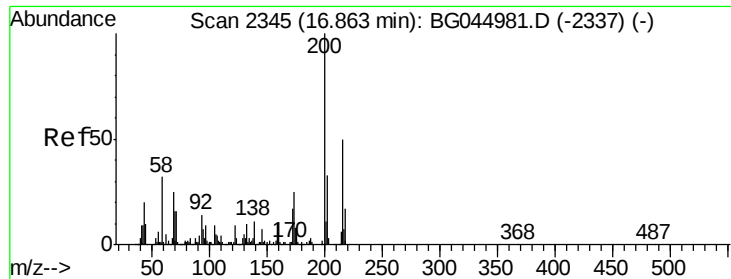
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#68
Hexachlorobenzene
Concen: 45.500 ng
RT: 16.72 min Scan# 2320
Delta R.T. 0.00 min
Lab File: BG044990.D
Acq: 15 Apr 2020 20:17

Tgt Ion	Ratio	Lower	Upper
284	100		
142	29.4	25.8	38.6
249	31.8	26.6	39.8





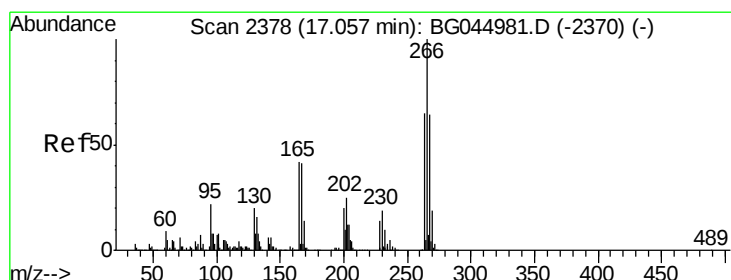
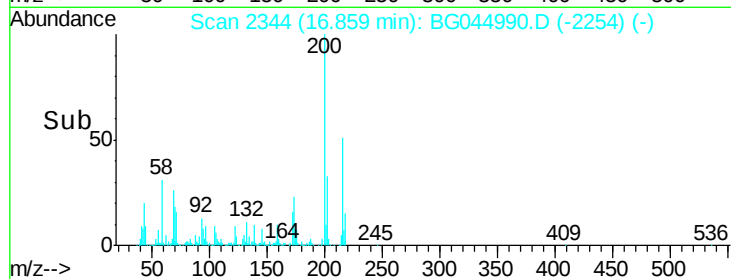
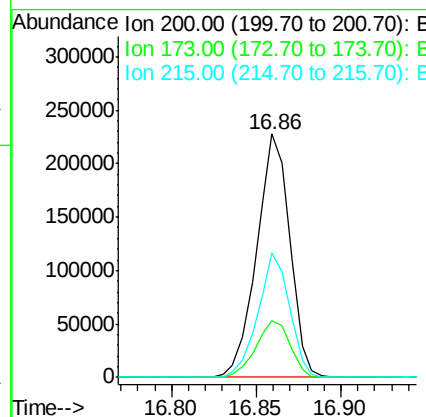
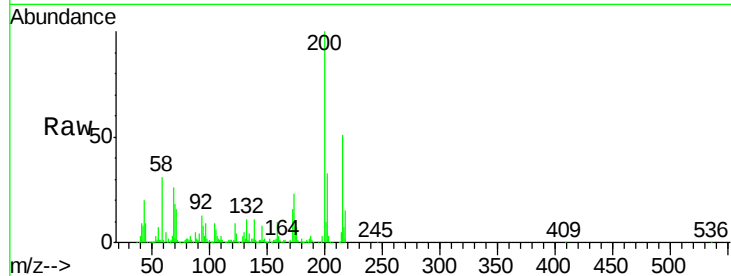
#69
Atrazine
Concen: 54.905 ng
RT: 16.86 min Scan# 2344
Delta R.T. -0.00 min
Lab File: BG044990.D
Acq: 15 Apr 2020 20:17

Instrument :
BNA_G
ClientSampleId :
PB128245BS

Tot Ion	Ratio	Lower	Upper
200	100		
173	23.3	4.5	44.5
215	51.0	30.0	70.0

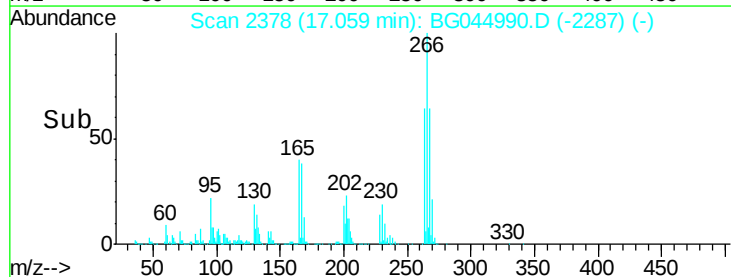
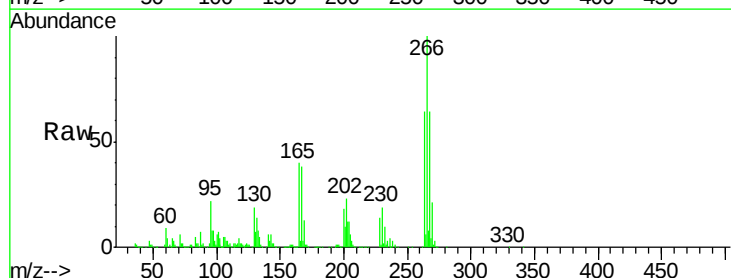
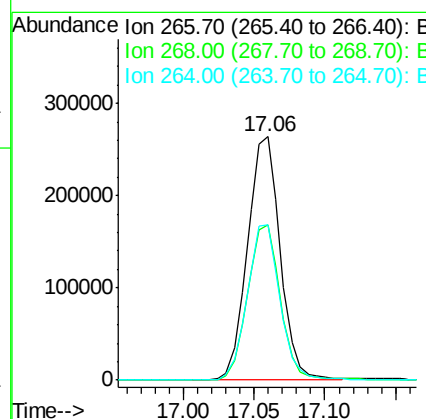
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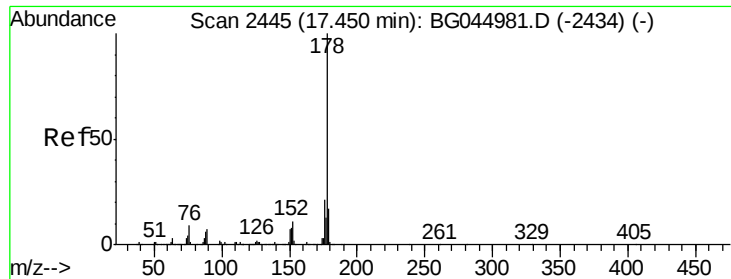
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#70
Pentachlorophenol
Concen: 94.710 ng
RT: 17.06 min Scan# 2378
Delta R.T. 0.00 min
Lab File: BG044990.D
Acq: 15 Apr 2020 20:17

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.8	51.5	77.3
264	63.9	52.2	78.4





#71

Phenanthrene

Concen: 46.531 ng

RT: 17.45 min Scan# 2444

Delta R.T. -0.00 min

Lab File: BG044990.D

Acq: 15 Apr 2020 20:17

Instrument :

BNA_G

ClientSampleId :

PB128245BS

Tot Ion:178 Resp: 1314702

Ion Ratio Lower Upper

178 100

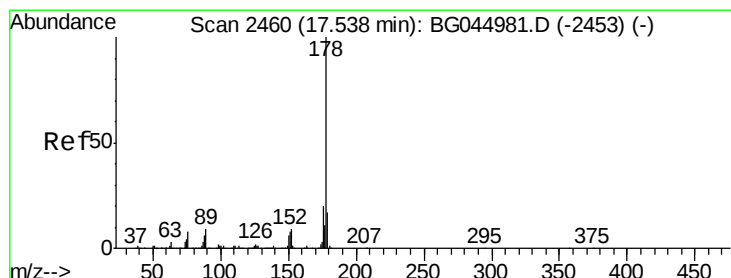
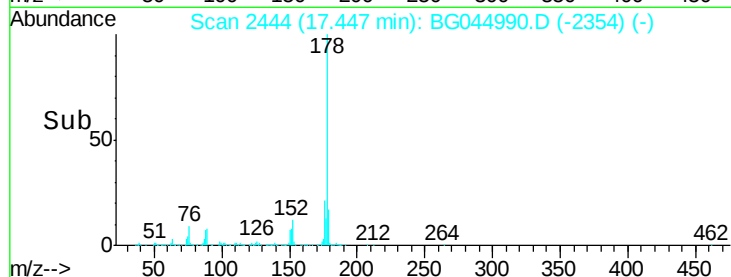
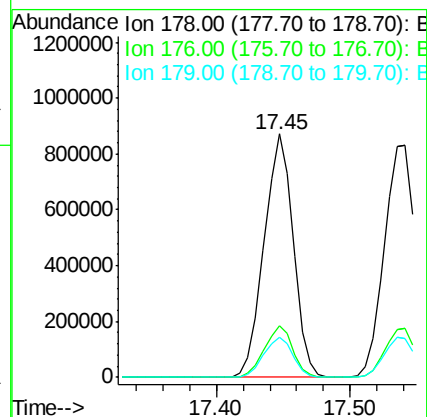
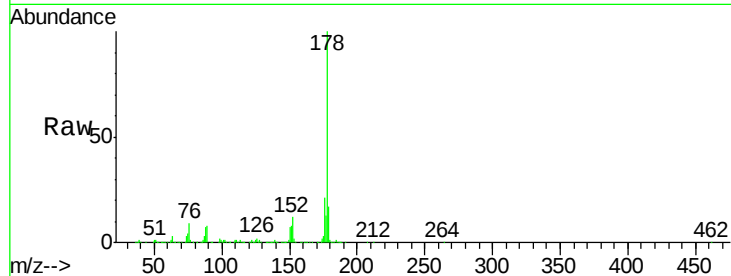
176 21.3 16.8 25.2

179 16.7 13.2 19.8

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#72

Anthracene

Concen: 47.509 ng

RT: 17.54 min Scan# 2460

Delta R.T. 0.00 min

Lab File: BG044990.D

Acq: 15 Apr 2020 20:17

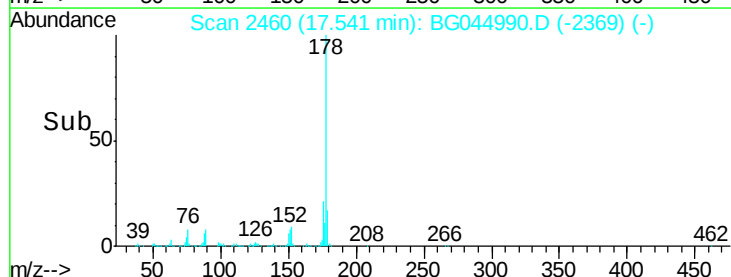
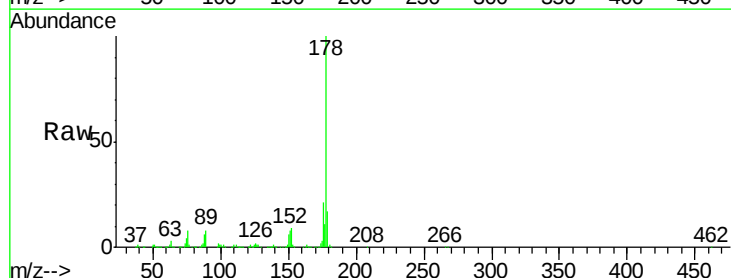
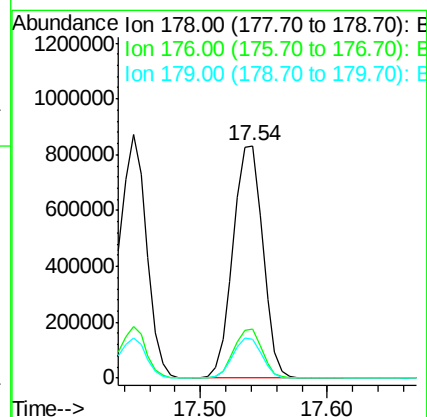
Tgt Ion:178 Resp: 1346492

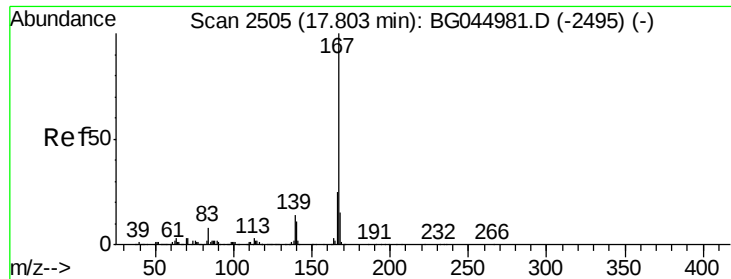
Ion Ratio Lower Upper

178 100

176 21.1 16.0 24.0

179 16.6 13.6 20.4





#73

Carbazole

Concen: 44.225 ng

RT: 17.80 min Scan# 2504

Delta R.T. -0.00 min

Lab File: BG044990.D

Acq: 15 Apr 2020 20:17

Instrument :

BNA_G

ClientSampleId :

PB128245BS

Tot Ion:167 Resp: 1271979

Ion Ratio Lower Upper

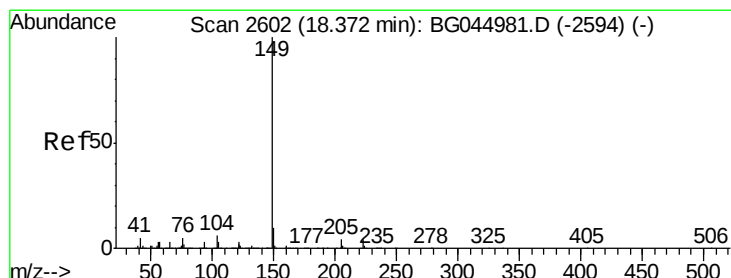
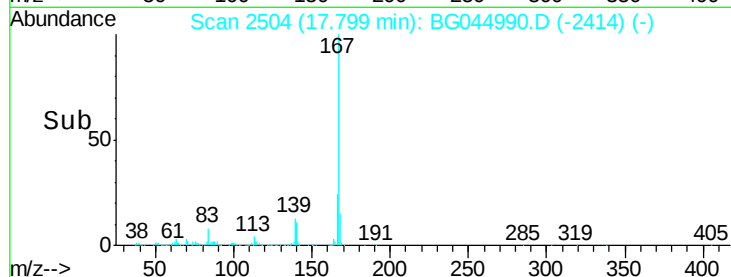
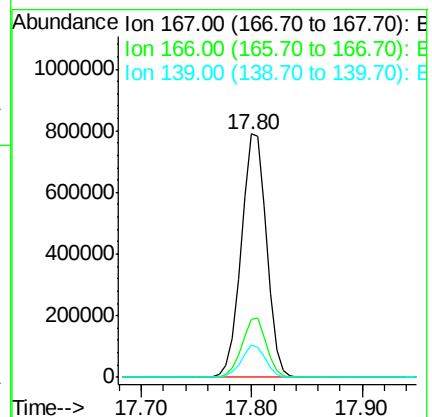
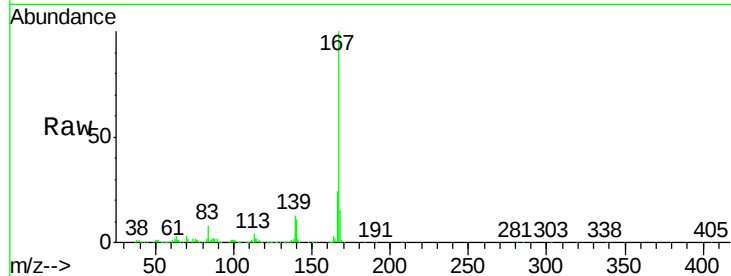
167 100

166 24.0 19.8 29.6

139 13.3 10.9 16.3

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#74

Di-n-butylphthalate

Concen: 48.349 ng

RT: 18.37 min Scan# 2601

Delta R.T. -0.00 min

Lab File: BG044990.D

Acq: 15 Apr 2020 20:17

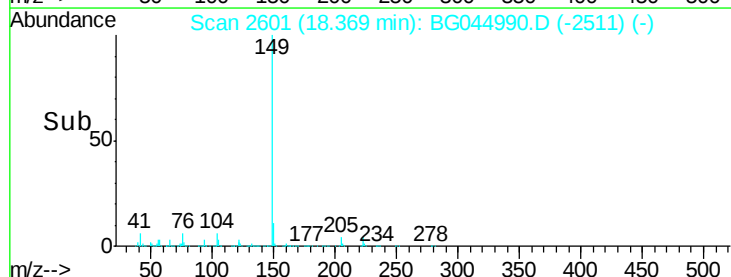
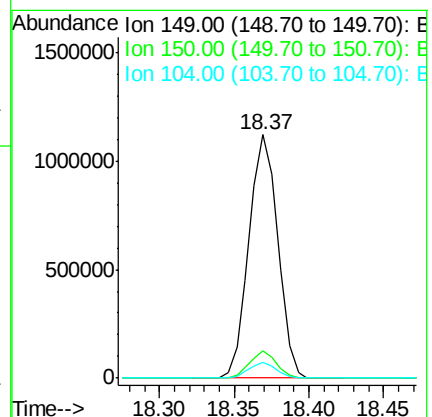
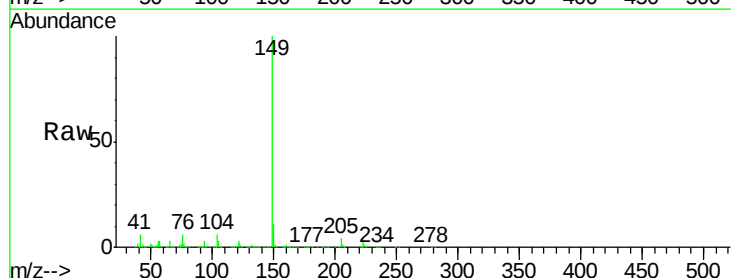
Tgt Ion:149 Resp: 1499569

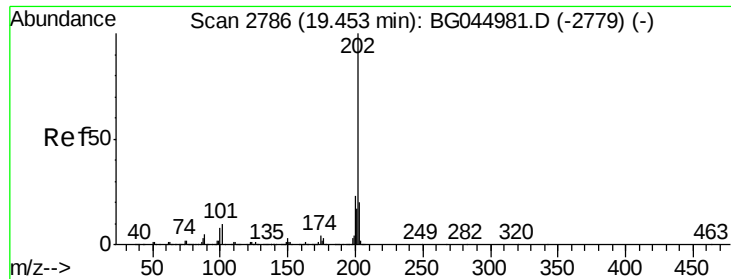
Ion Ratio Lower Upper

149 100

150 11.0 8.2 12.2

104 6.3 4.8 7.2





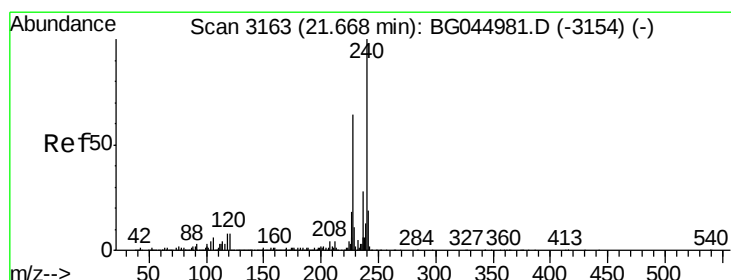
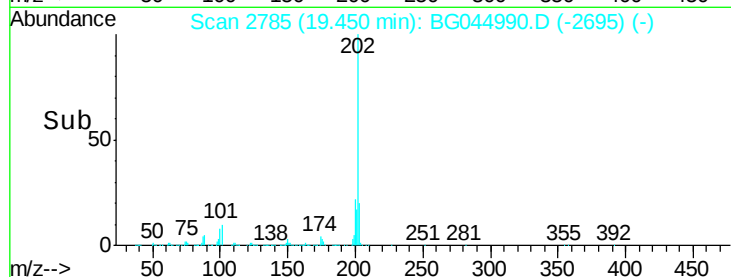
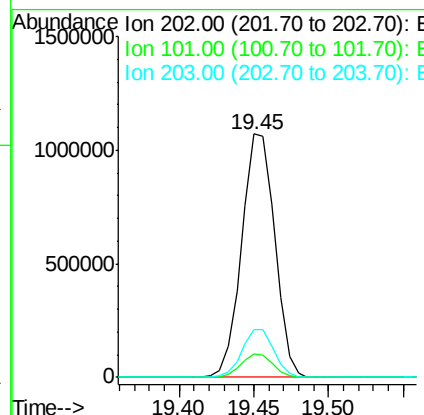
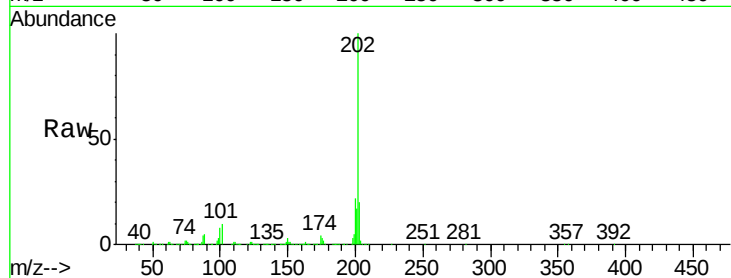
#75
 Fluoranthene
 Concen: 50.221 ng
 RT: 19.45 min Scan# 2785
 Delta R.T. -0.00 min
 Lab File: BG044990.D
 Acq: 15 Apr 2020 20:17

Instrument :
 BNA_G
 ClientSampleId :
 PB128245BS

Tot Ion:	202	Resp:	1644035
Ion Ratio	Lower	Upper	
202	100		
101	9.6	0.0	29.6
203	19.8	0.0	39.7

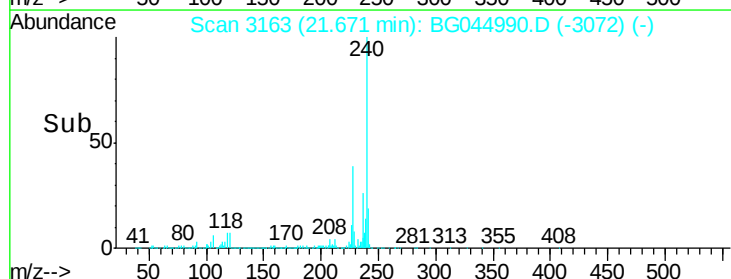
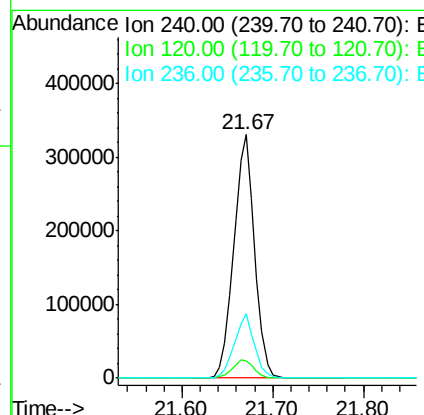
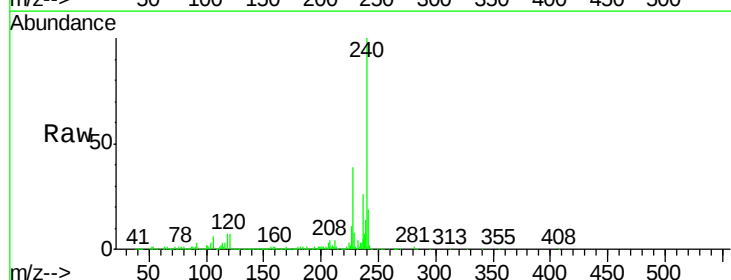
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#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.67 min Scan# 3163
 Delta R.T. 0.00 min
 Lab File: BG044990.D
 Acq: 15 Apr 2020 20:17

Tgt Ion:	240	Resp:	524113
Ion Ratio	Lower	Upper	
240	100		
120	6.8	6.6	10.0
236	26.2	22.2	33.2





#77

Benzidine

Concen: 53.672 ng

RT: 19.63 min Scan# 2815

Delta R.T. -0.00 min

Lab File: BG044990.D

Acq: 15 Apr 2020 20:17

Instrument :

BNA_G

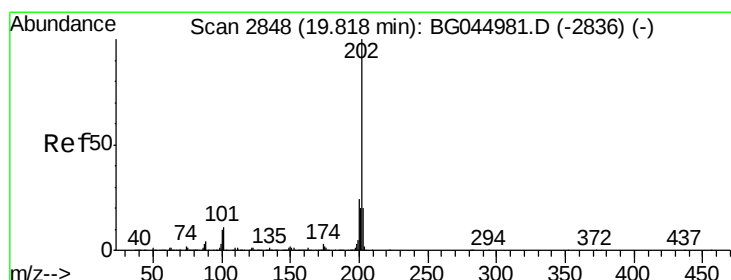
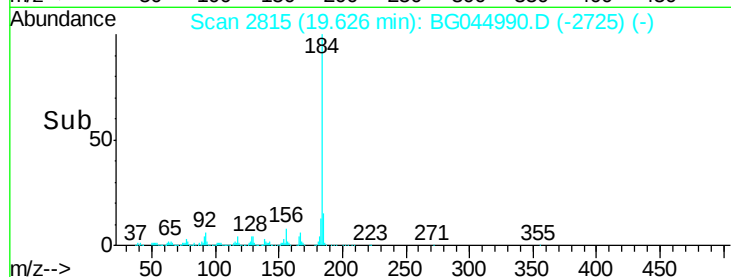
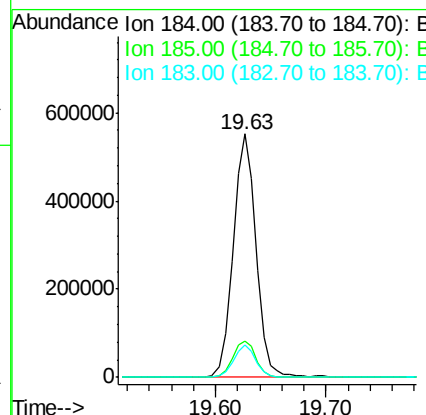
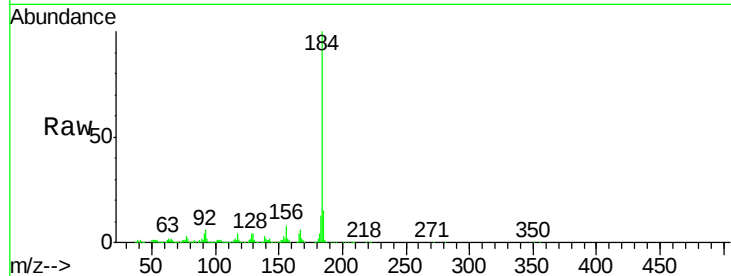
ClientSampleId :

PB128245BS

Tot Ion:	184	Resp:	797334
Ion Ratio	Lower	Upper	
184	100		
185	15.0	12.6	19.0
183	13.3	11.3	16.9

Manual Integrations
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#78

Pyrene

Concen: 45.000 ng

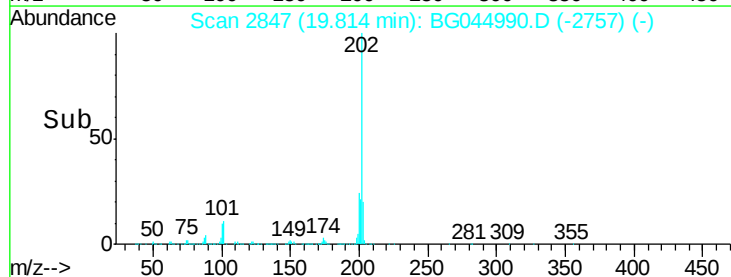
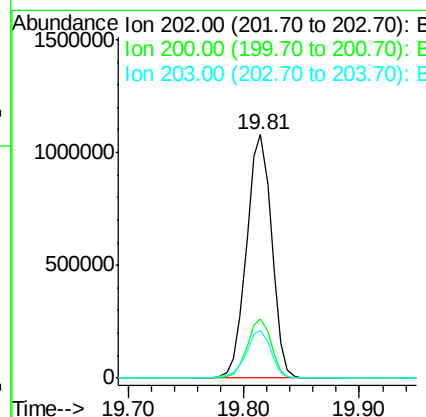
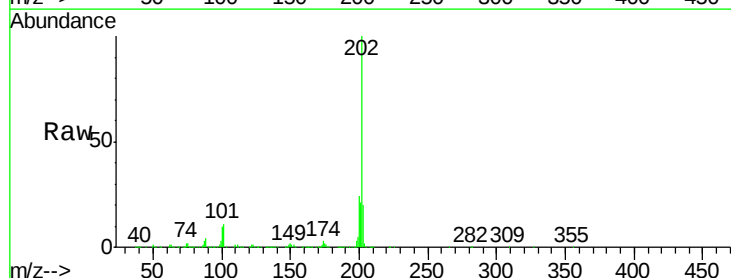
RT: 19.81 min Scan# 2847

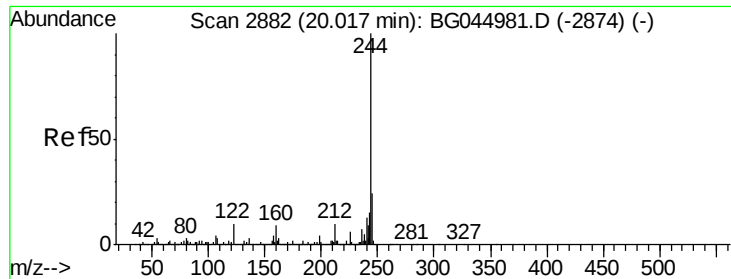
Delta R.T. -0.00 min

Lab File: BG044990.D

Acq: 15 Apr 2020 20:17

Tgt Ion:	202	Resp:	1625983
Ion Ratio	Lower	Upper	
202	100		
200	24.2	19.0	28.6
203	19.8	16.1	24.1





#79

Terphenyl-d14

Concen: 97.963 ng

RT: 20.01 min Scan# 2881

Delta R.T. -0.00 min

Lab File: BG044990.D

Acq: 15 Apr 2020 20:17

Instrument :

BNA_G

ClientSampleId :

PB128245BS

Tot Ion:244 Resp: 2355674

Ion Ratio Lower Upper

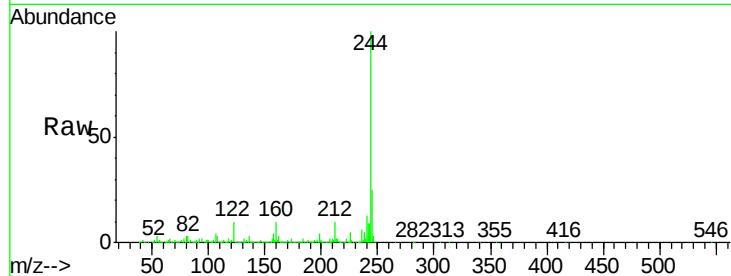
244 100

212 9.9 7.9 11.9

122 9.7 7.7 11.5

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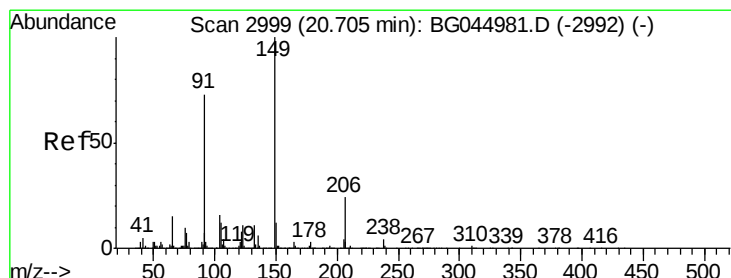
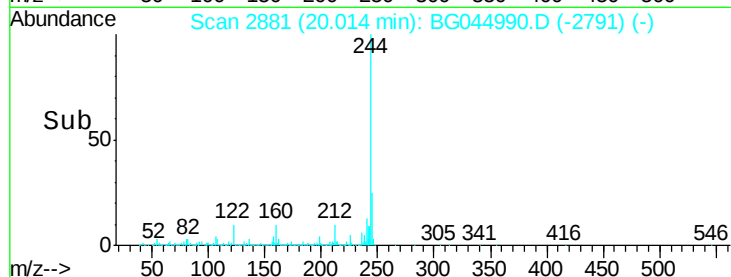
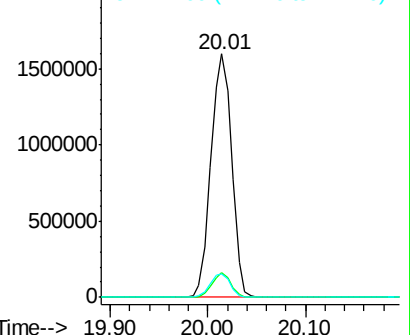
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 45.626 ng

RT: 20.70 min Scan# 2998

Delta R.T. -0.00 min

Lab File: BG044990.D

Acq: 15 Apr 2020 20:17

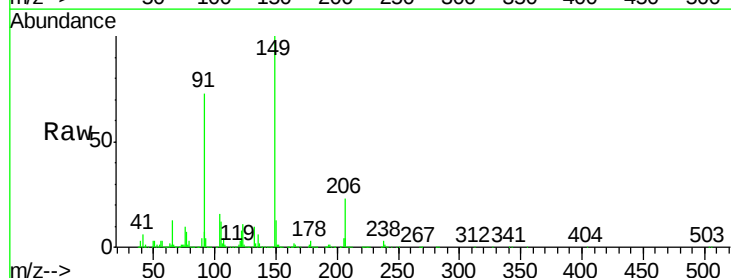
Tgt Ion:149 Resp: 683357

Ion Ratio Lower Upper

149 100

91 72.8 58.5 87.7

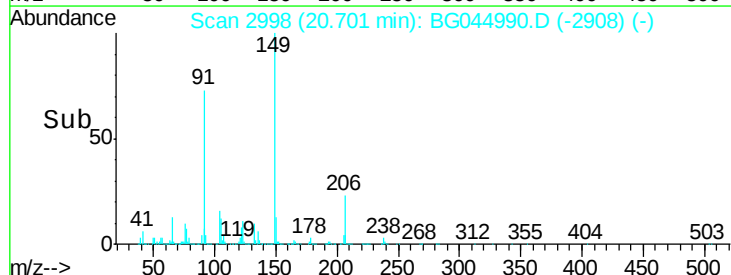
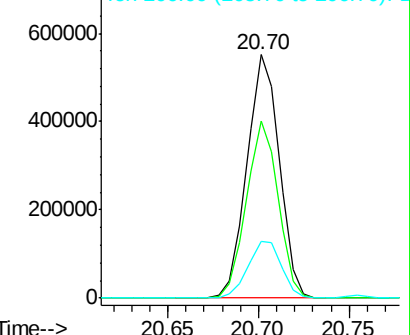
206 23.2 19.2 28.8

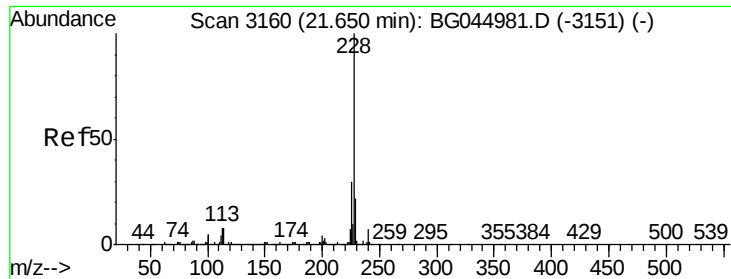


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





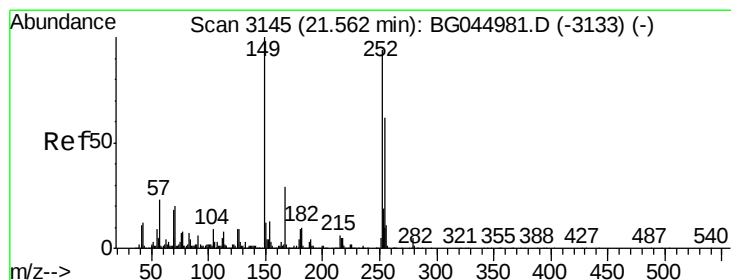
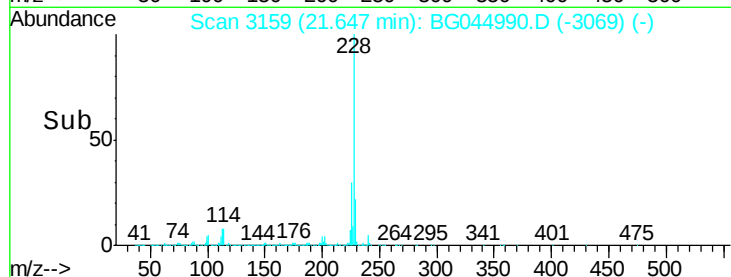
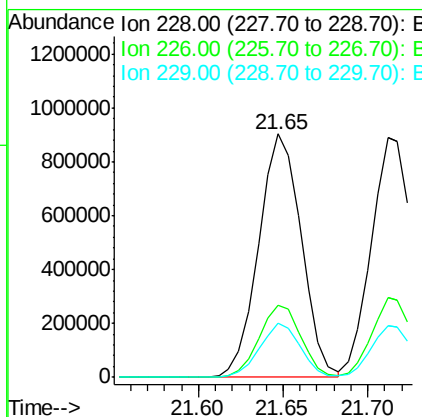
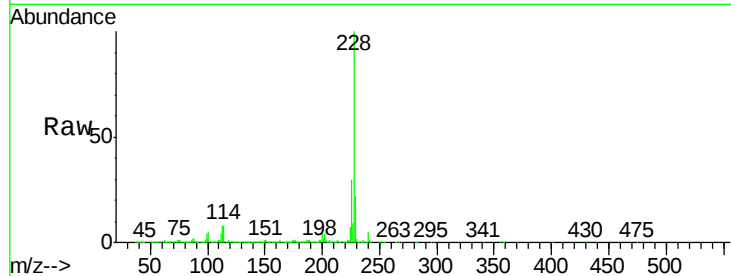
#81
Benzo(a)anthracene
Concen: 46.313 ng
RT: 21.65 min Scan# 3159
Delta R.T. -0.00 min
Lab File: BG044990.D
Acq: 15 Apr 2020 20:17

Instrument :
BNA_G
ClientSampleId :
PB128245BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.7	24.0	36.0
229	22.1	17.5	26.3

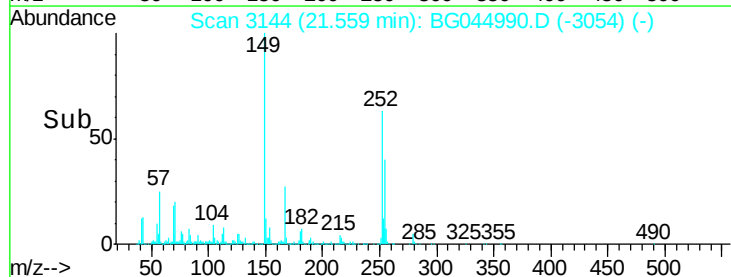
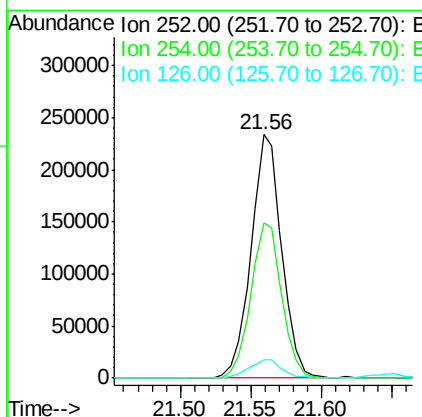
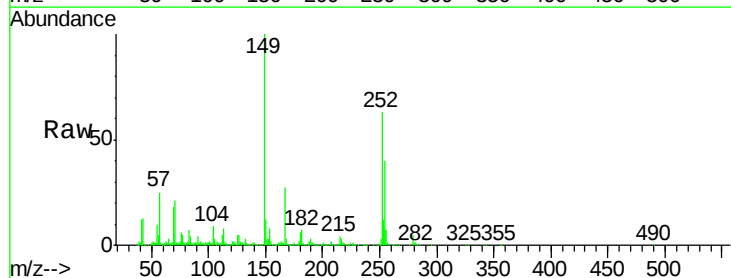
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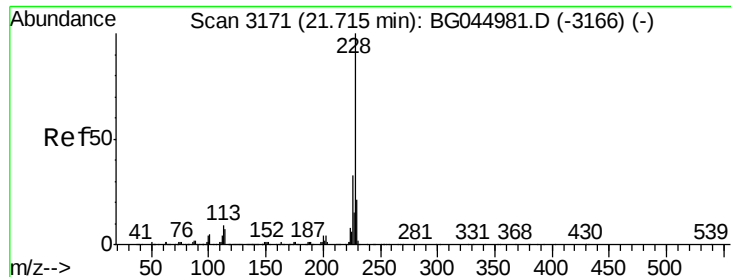
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#82
3,3'-Dichlorobenzidine
Concen: 26.287 ng
RT: 21.56 min Scan# 3144
Delta R.T. -0.00 min
Lab File: BG044990.D
Acq: 15 Apr 2020 20:17

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.7	52.6	79.0
126	7.7	7.5	11.3





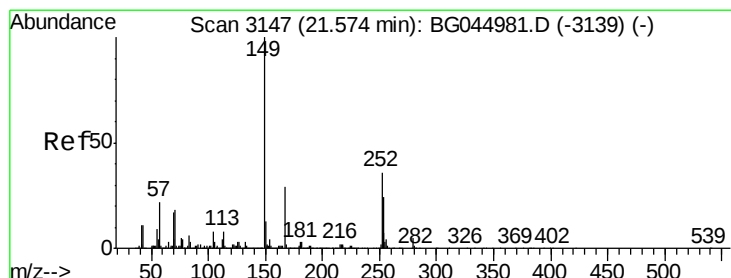
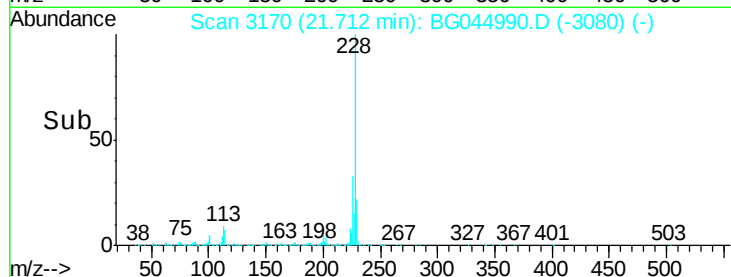
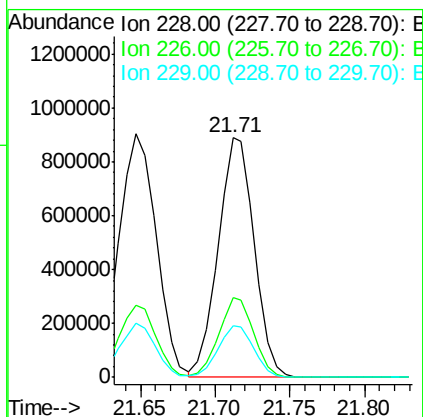
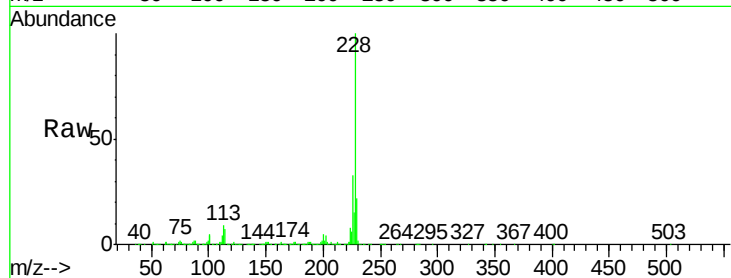
#83
Chrysene
Concen: 45.860 ng
RT: 21.71 min Scan# 3170
Delta R.T. -0.00 min
Lab File: BG044990.D
Acq: 15 Apr 2020 20:17

Instrument :
BNA_G
ClientSampleId :
PB128245BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	33.3	26.2	39.4
229	21.8	17.0	25.6

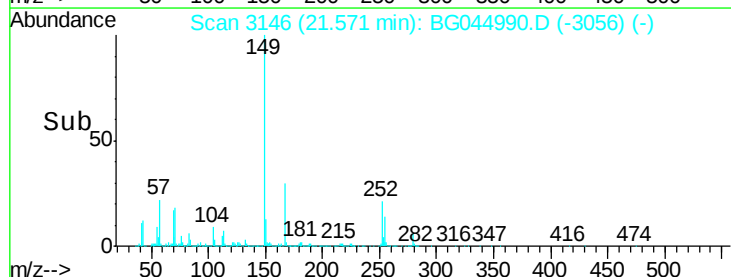
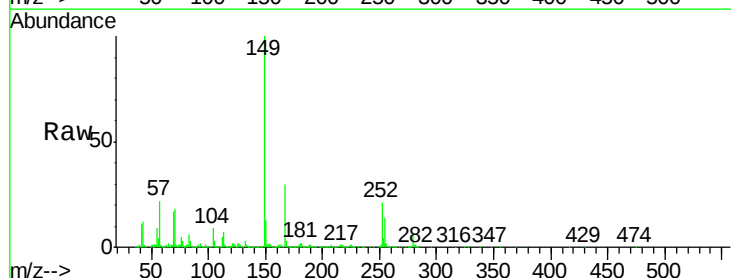
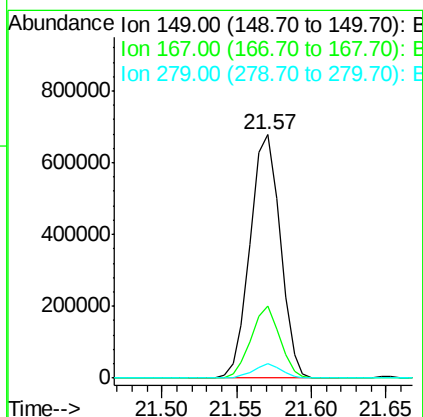
Manual Integrations
APPROVED

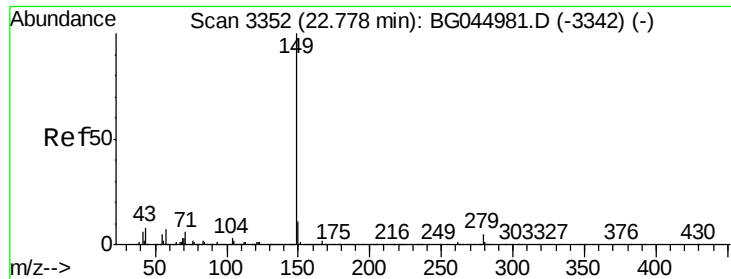
mohammad
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#84
Bis(2-ethylhexyl)phthalate
Concen: 45.975 ng
RT: 21.57 min Scan# 3146
Delta R.T. -0.00 min
Lab File: BG044990.D
Acq: 15 Apr 2020 20:17

Tgt Ion	Ratio	Lower	Upper
149	100		
167	29.8	23.4	35.0
279	5.8	4.3	6.5





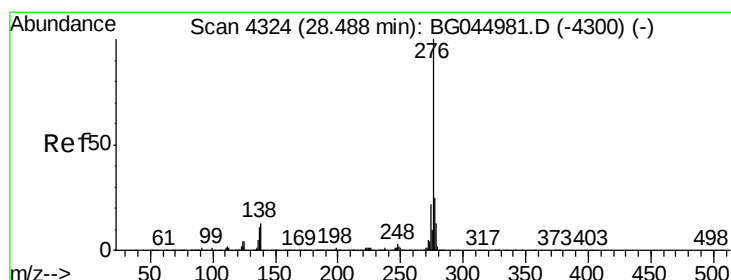
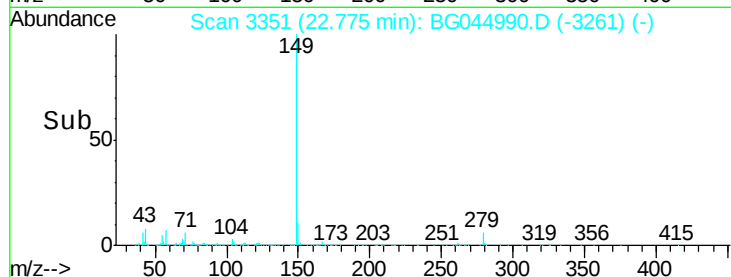
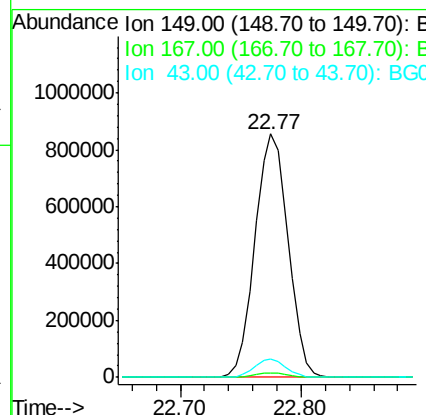
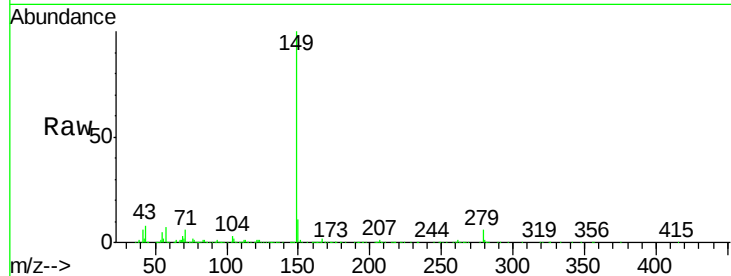
#85
Di-n-octyl phthalate
Concen: 45.701 ng
RT: 22.77 min Scan# 3351
Delta R.T. -0.00 min
Lab File: BG044990.D
Acq: 15 Apr 2020 20:17

Instrument :
BNA_G
ClientSampleId :
PB128245BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.4	2.2
43	7.3	5.7	8.5

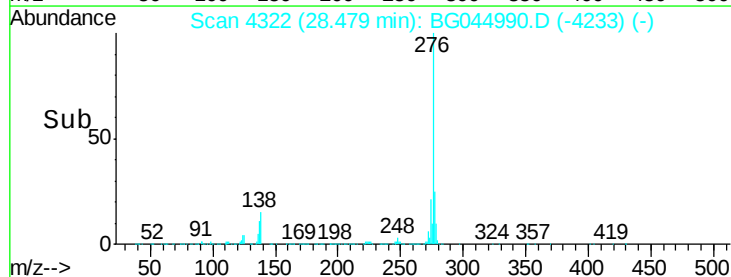
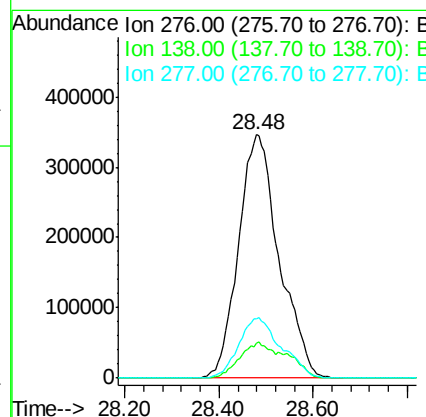
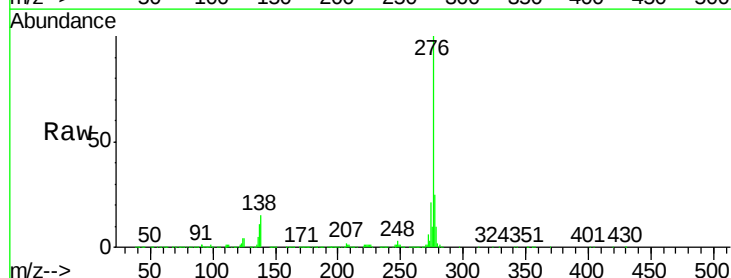
Manual Integrations
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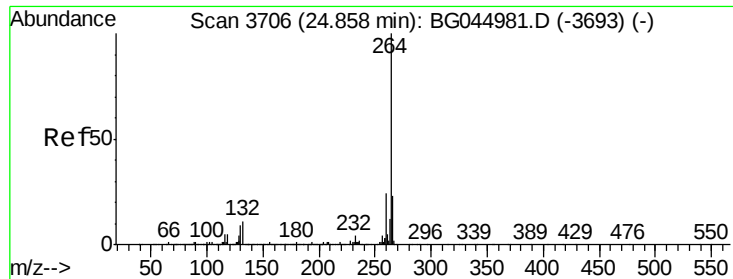
mohammad
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#86
Indeno(1,2,3-cd)pyrene
Concen: 47.843 ng
RT: 28.48 min Scan# 4322
Delta R.T. -0.01 min
Lab File: BG044990.D
Acq: 15 Apr 2020 20:17

Tgt Ion	Ratio	Lower	Upper
276	100		
138	17.1	9.6	14.4#
277	25.9	20.6	31.0





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.85 min Scan# 3705

Delta R.T. -0.00 min

Lab File: BG044990.D

Acq: 15 Apr 2020 20:17

Instrument :

BNA_G

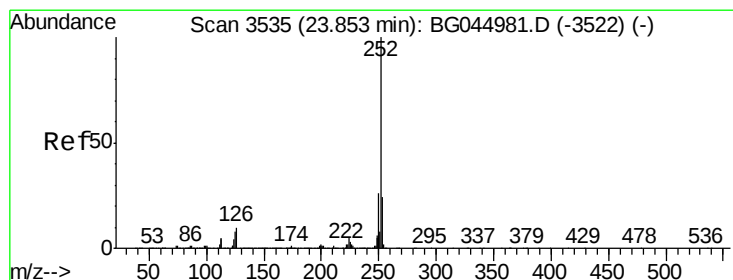
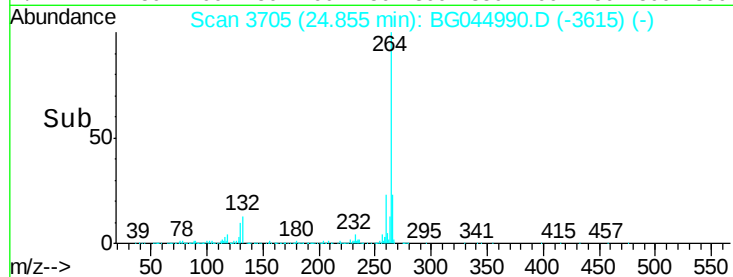
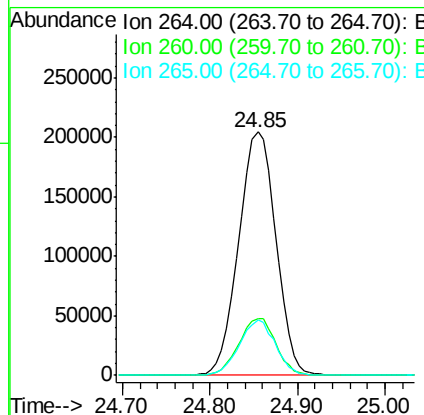
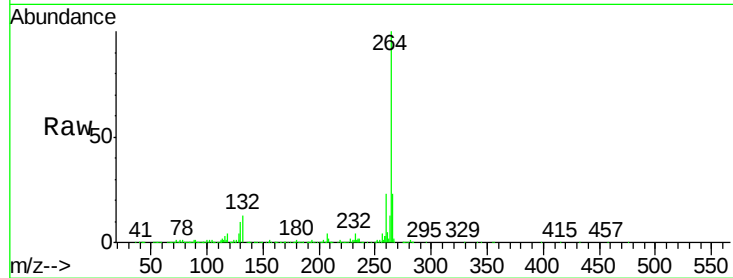
ClientSampled :

PB128245BS

Tot Ion:	264	Resp:	591112
Ion Ratio	Lower	Upper	
264	100		
260	23.5	19.2	28.8
265	22.9	19.0	28.4

Manual Integrations
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#88

Benzo(b)fluoranthene

Concen: 47.403 ng

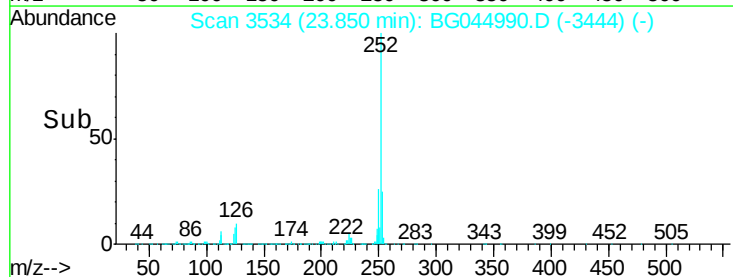
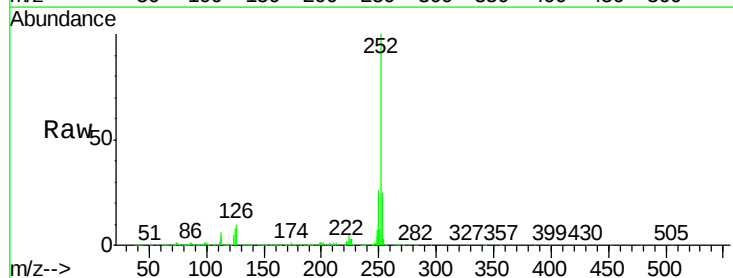
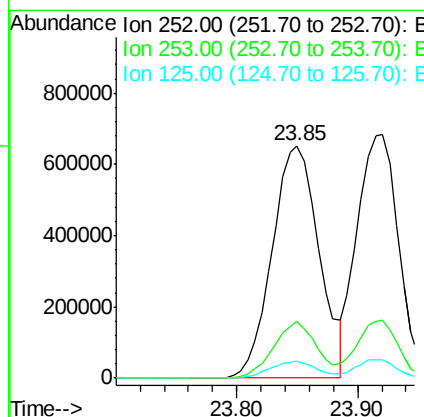
RT: 23.85 min Scan# 3534

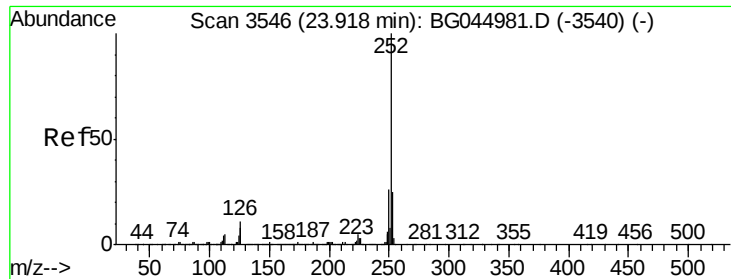
Delta R.T. -0.00 min

Lab File: BG044990.D

Acq: 15 Apr 2020 20:17

Tgt Ion:	252	Resp:	1755174
Ion Ratio	Lower	Upper	
252	100		
253	24.5	18.8	28.2
125	7.6	6.2	9.4





#89

Benzo(k)fluoranthene

Concen: 45.986 ng

RT: 23.92 min Scan# 3546

Delta R.T. 0.00 min

Lab File: BG044990.D

Acq: 15 Apr 2020 20:17

Instrument :

BNA_G

ClientSampleId :

PB128245BS

Tot Ion:252 Resp: 1619290

Ion Ratio Lower Upper

252 100

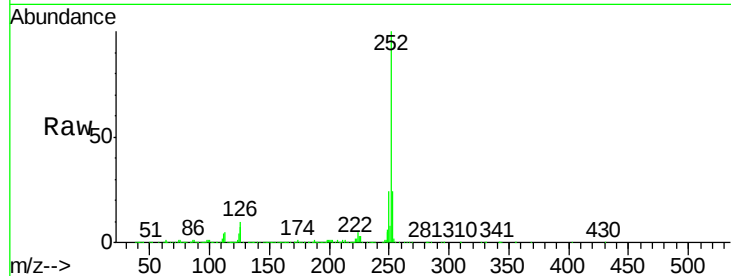
253 24.0 19.2 28.8

125 7.3 5.9 8.9

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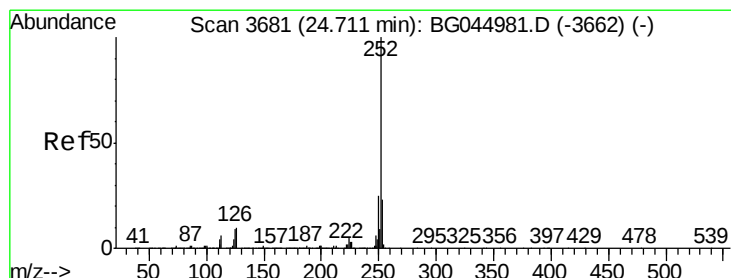
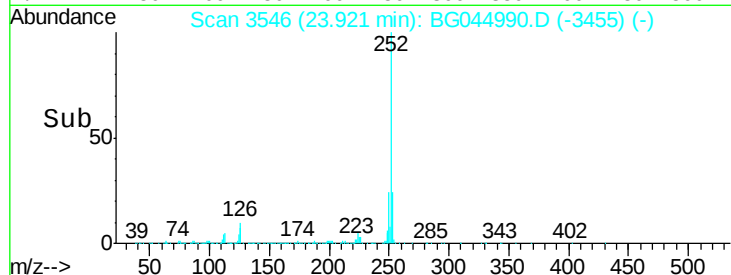
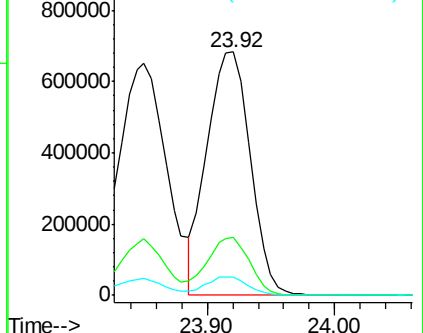
4/16/2020 12:54:57 PM



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 45.726 ng

RT: 24.71 min Scan# 3680

Delta R.T. -0.00 min

Lab File: BG044990.D

Acq: 15 Apr 2020 20:17

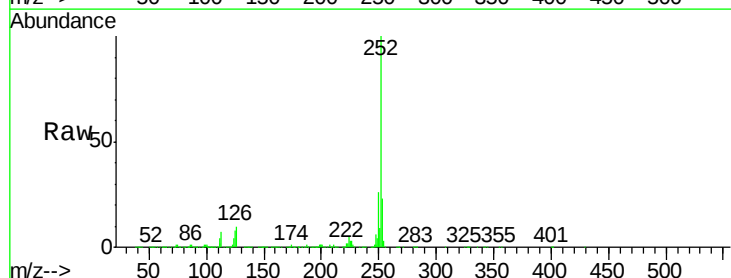
Tgt Ion:252 Resp: 1598546

Ion Ratio Lower Upper

252 100

253 23.3 18.3 27.5

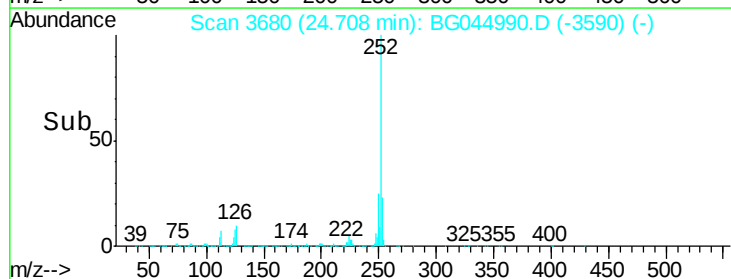
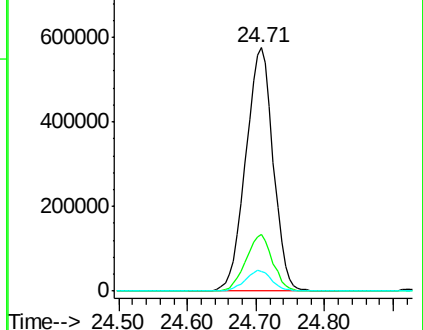
125 8.0 7.0 10.6

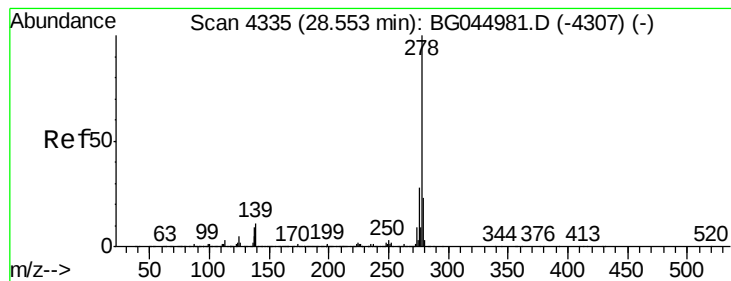


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 47.369 ng

RT: 28.55 min Scan# 4334

Delta R.T. -0.00 min

Lab File: BG044990.D

Acq: 15 Apr 2020 20:17

Instrument :

BNA_G

ClientSampleId :

PB128245BS

Tot Ion:278 Resp: 1668631

Ion Ratio Lower Upper

278 100

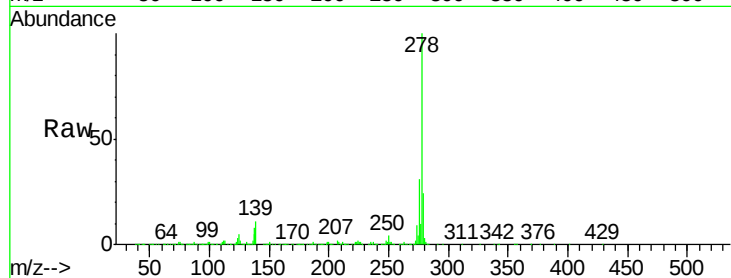
139 10.5 9.0 13.6

279 24.4 18.4 27.6

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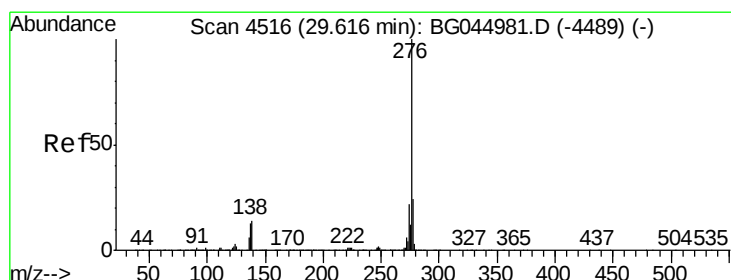
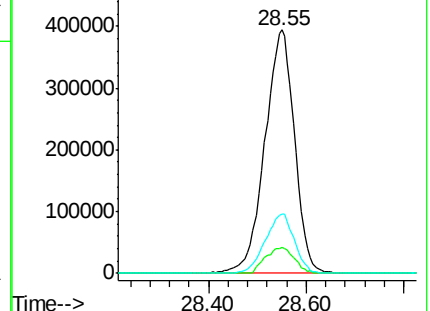
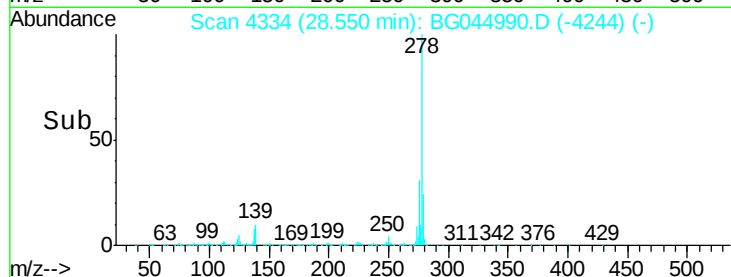
4/16/2020 12:54:57 PM



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: 47.840 ng

RT: 29.60 min Scan# 4513

Delta R.T. -0.01 min

Lab File: BG044990.D

Acq: 15 Apr 2020 20:17

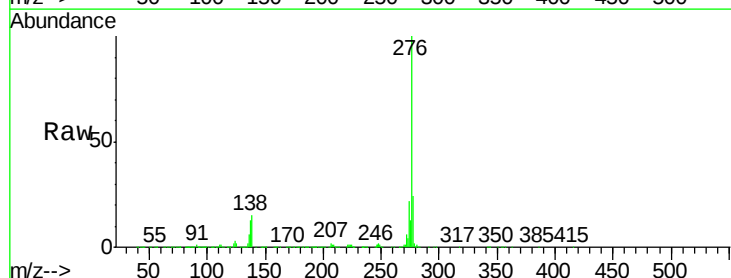
Tgt Ion:276 Resp: 1689557

Ion Ratio Lower Upper

276 100

277 24.2 19.3 28.9

138 14.7 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

