

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG032020\
 Data File : BG044921.D
 Acq On : 20 Mar 2020 15:55
 Operator : CG/JU
 Sample : PB127705BSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB127705BSD

Manual Integrations
 APPROVED

mohammad
 3/23/2020 9:39:42 AM

Quant Time: Mar 21 01:48:49 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG031020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 16 17:37:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	83292	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	327826	20.00	ng	0.00
39) Acenaphthene-d10	14.68	164	221311	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	522239	20.00	ng	0.00
76) Chrysene-d12	21.69	240	483265	20.00	ng	0.00
87) Perylene-d12	24.90	264	540785	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.62	112	428209	80.03	ng	0.00
7) Phenol-d6	7.20	99	584904	75.24	ng	0.00
23) Nitrobenzene-d5	9.20	82	535716	71.71	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	253661	87.54	ng	0.00
45) 2-Fluorobiphenyl	13.30	172	1170301	75.73	ng	0.00
79) Terphenyl-d14	20.03	244	1925137	74.52	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.51	88	77436	30.054	ng	99
3) Pyridine	3.91	79	197918	25.948	ng	97
4) n-Nitrosodimethylamine	3.82	42	107578	37.172	ng	96
6) Aniline	7.36	93	238677	24.674	ng	96
8) 2-Chlorophenol	7.61	128	236463	44.271	ng	97
9) Benzaldehyde	7.17	77	173016	35.360	ng	97
10) Phenol	7.23	94	314735	40.893	ng	97
11) bis(2-Chloroethyl)ether	7.45	93	219600	35.751	ng	97
12) 1,3-Dichlorobenzene	7.94	146	243263	36.972	ng	100
13) 1,4-Dichlorobenzene	8.08	146	240434	36.962	ng	99
14) 1,2-Dichlorobenzene	8.40	146	223203	36.180	ng	97
15) Benzyl Alcohol	8.28	79	241357	38.695	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.58	45	322600	29.761	ng	100
17) 2-Methylphenol	8.48	107	208608	40.014	ng	99
18) Hexachloroethane	9.13	117	93109	36.357	ng	95
19) n-Nitroso-di-n-propylamine	8.85	70	186773	34.025	ng	96
20) 3+4-Methylphenols	8.81	107	291270	40.529	ng	97
22) Acetophenone	8.86	105	339409	36.545	ng	# 98
24) Nitrobenzene	9.24	77	282329	36.421	ng	99
25) Isophorone	9.77	82	521126	35.741	ng	# 97
26) 2-Nitrophenol	9.96	139	123858	46.251	ng	97
27) 2,4-Dimethylphenol	10.02	122	217381	45.781	ng	98
28) bis(2-Chloroethoxy)methane	10.25	93	297665	34.208	ng	96
29) 2,4-Dichlorophenol	10.50	162	234411	42.267	ng	97
30) 1,2,4-Trichlorobenzene	10.72	180	247604	37.338	ng	96
31) Naphthalene	10.90	128	677774	37.322	ng	98
32) Benzoic acid	10.16	122	140983	40.105	ng	97
33) 4-Chloroaniline	11.00	127	120530	14.732	ng	95
34) Hexachlorobutadiene	11.20	225	161259	36.978	ng	95
35) Caprolactam	11.76	113	80819m	38.489	ng	
36) 4-Chloro-3-methylphenol	12.12	107	269137	40.689	ng	99
37) 2-Methylnaphthalene	12.51	142	518853	38.195	ng	96
38) 1-Methylnaphthalene	12.72	142	487957	38.208	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	275729	37.831	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.86	237	380737	95.586	nq	97
43) 2,4,6-Trichlorophenol	13.11	196	206283	42.647	nq	95
44) 2,4,5-Trichlorophenol	13.18	196	221547	44.166	nq	95
46) 1,1'-Biphenyl	13.51	154	654401	37.002	nq	98
47) 2-Chloronaphthalene	13.55	162	507152	37.538	nq	96
48) 2-Nitroaniline	13.75	65	181558	38.386	nq	92
49) Acenaphthylene	14.40	152	834144	39.410	nq	98
50) Dimethylphthalate	14.13	163	680521	38.608	nq	100
51) 2,6-Dinitrotoluene	14.24	165	154221	43.407	nq	94
52) Acenaphthene	14.74	154	599979	43.284	nq	98
53) 3-Nitroaniline	14.56	138	86402	21.152	nq	99
54) 2,4-Dinitrophenol	14.78	184	171023	90.856	nq	96
55) Dibenzofuran	15.07	168	793237	39.462	nq	99
56) 4-Nitrophenol	14.88	139	262044	84.057	nq	95
57) 2,4-Dinitrotoluene	15.03	165	218710	44.884	nq	98
58) Fluorene	15.72	166	654157	39.561	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.30	232	209910m	45.452	nq	
60) Diethylphthalate	15.49	149	695849	37.850	nq	99
61) 4-Chlorophenyl-phenylether	15.72	204	357726	40.178	nq	98
62) 4-Nitroaniline	15.73	138	157403	36.137	nq	96
63) Azobenzene	16.01	77	690654	36.177	nq	98
65) 4,6-Dinitro-2-methylphenol	15.80	198	124370	50.187	nq	96
66) n-Nitrosodiphenylamine	15.93	169	597019	37.971	nq	99
67) 4-Bromophenyl-phenylether	16.61	248	247723	37.944	nq	98
68) Hexachlorobenzene	16.73	284	270499	38.190	nq	99
69) Atrazine	16.88	200	238556	41.412	nq	98
70) Pentachlorophenol	17.07	266	330305	84.756	nq	99
71) Phenanthrene	17.47	178	1055557	37.823	nq	100
72) Anthracene	17.55	178	1089572	39.594	nq	99
73) Carbazole	17.82	167	1013552	38.343	nq	100
74) Di-n-butylphthalate	18.39	149	1194013	37.159	nq	99
75) Fluoranthene	19.47	202	1327005	39.936	nq	99
77) Benzidine	19.64	184	535274	34.118	nq	99
78) Pyrene	19.83	202	1316004	37.117	nq	99
80) Butylbenzylphthalate	20.72	149	558454	35.405	nq	99
81) Benzo(a)anthracene	21.67	228	1287026	36.985	nq	99
82) 3,3'-Dichlorobenzidine	21.58	252	297851	22.125	nq	97
83) Chrysene	21.74	228	1214061	36.523	nq	99
84) Bis(2-ethylhexyl)phthalate	21.59	149	768108	35.284	nq	99
85) Di-n-octyl phthalate	22.81	149	1313703	36.062	nq	99
86) Indeno(1,2,3-cd)pyrene	28.55	276	1639214	37.615	nq	# 98
88) Benzo(b)fluoranthene	23.88	252	1391022	38.963	nq	98
89) Benzo(k)fluoranthene	23.95	252	1312186	38.839	nq	99
90) Benzo(a)pyrene	24.75	252	1268632	37.976	nq	97
91) Dibenzo(a,h)anthracene	28.61	278	1336129	40.542	nq	# 97
92) Benzo(g,h,i)perylene	29.68	276	1349938	40.542	nq	96

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

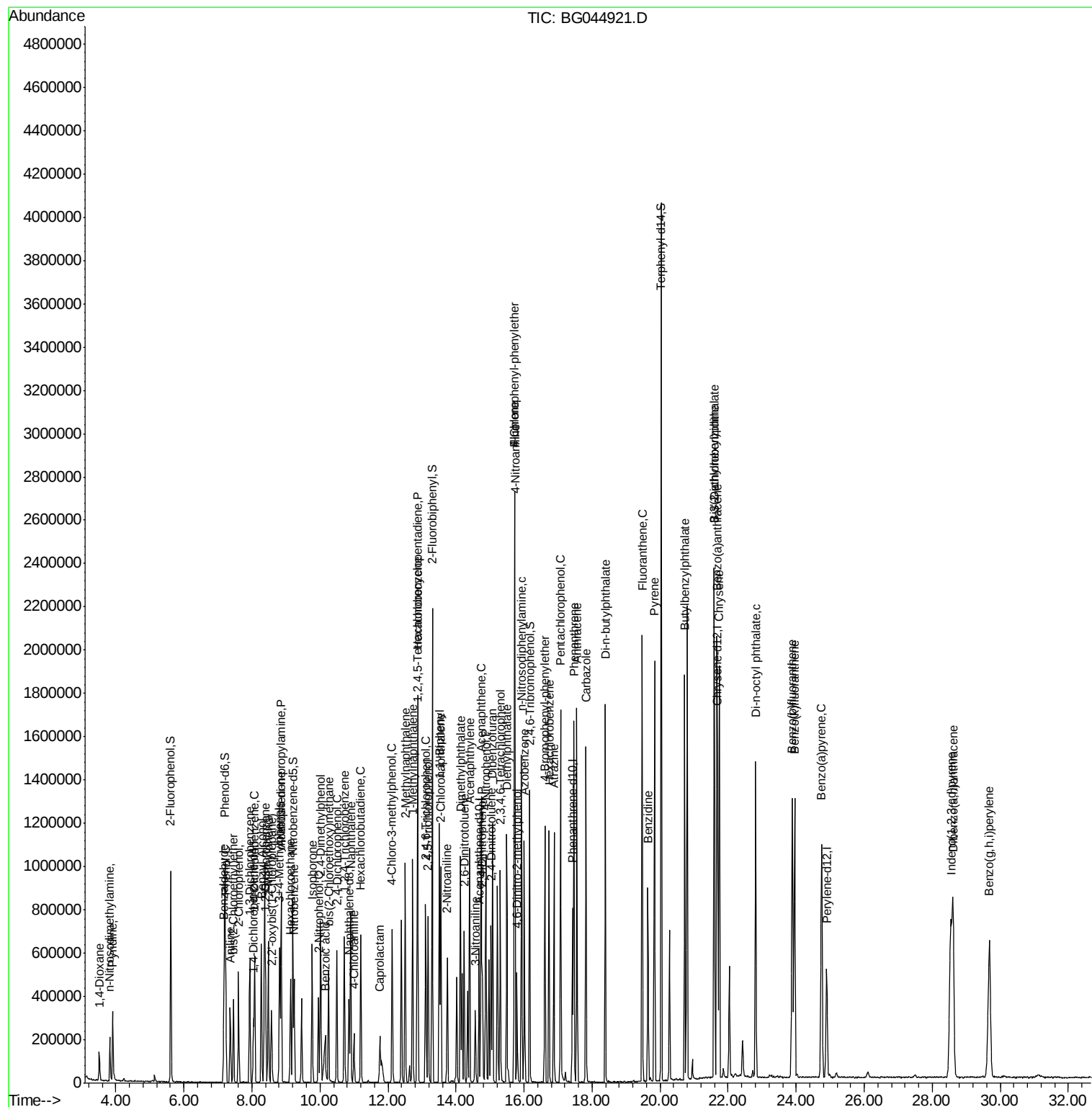
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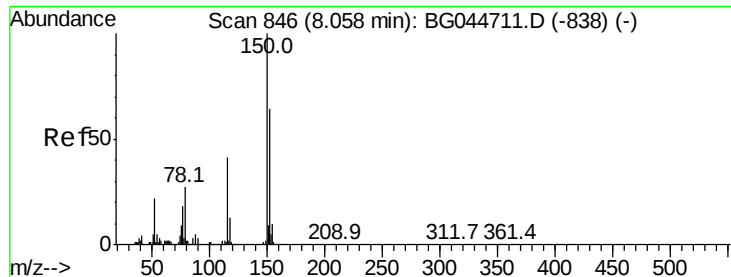
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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.04 min Scan# 843

Delta R.T. -0.01 min

Lab File: BG044921.D

Acq: 20 Mar 2020 15:55

Instrument :

BNA_G

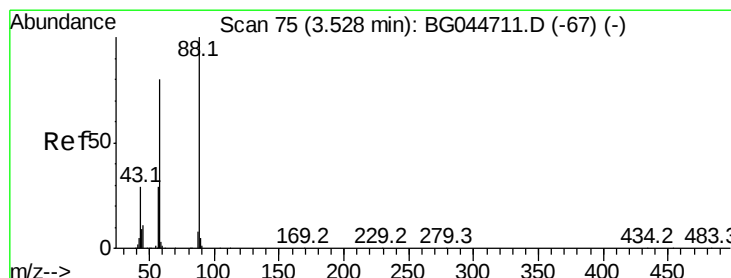
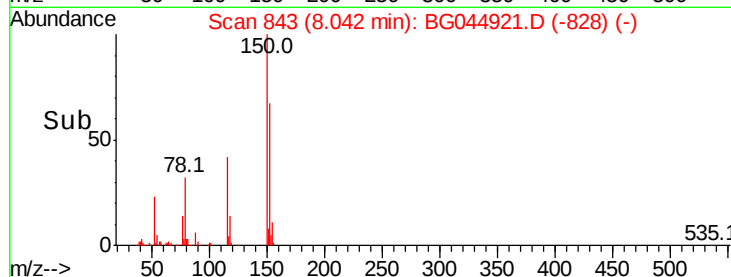
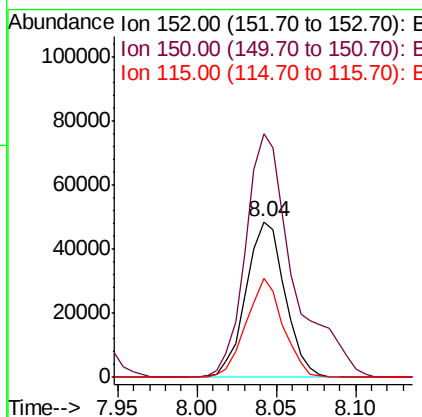
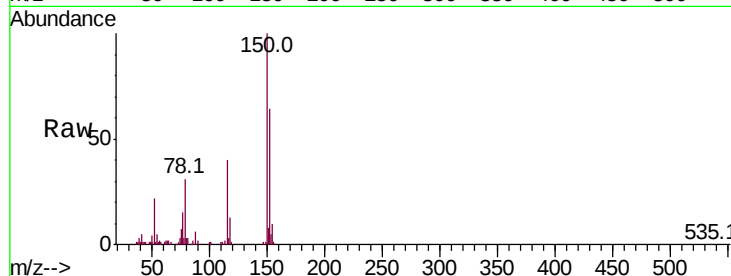
ClientSampleId :

PB127705BSD

Tot Ion:	152	Resp:	83292
Ion Ratio	Lower	Upper	
152	100		
150	156.8	128.8	193.2
115	63.5	52.6	79.0

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#2

1,4-Dioxane

Concen: 30.054 ng

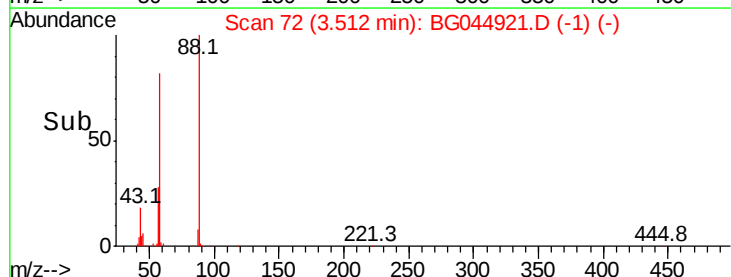
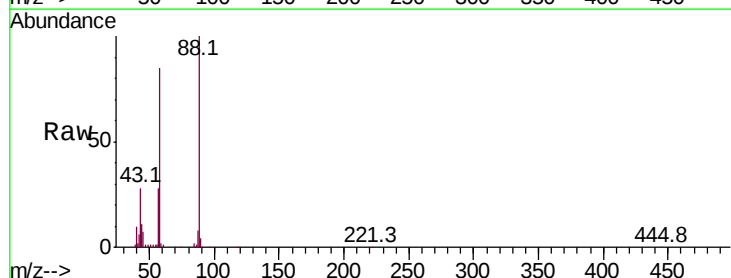
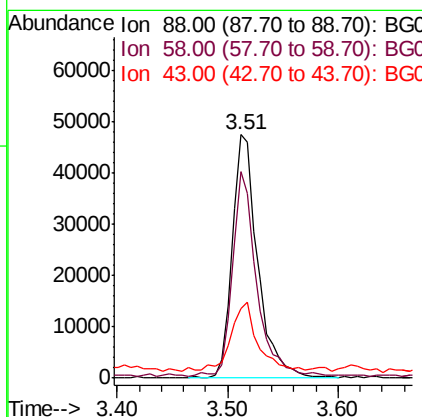
RT: 3.51 min Scan# 72

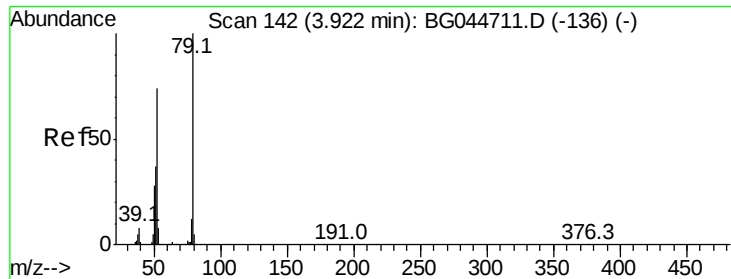
Delta R.T. -0.02 min

Lab File: BG044921.D

Acq: 20 Mar 2020 15:55

Tgt Ion:	88	Resp:	77436
Ion Ratio	Lower	Upper	
88	100		
58	80.1	63.0	94.4
43	30.8	24.8	37.2





#3

Pvridine

Concen: 25.948 ng

RT: 3.91 min Scan# 139

Delta R.T. -0.01 min

Lab File: BG044921.D

Acq: 20 Mar 2020 15:55

Instrument :

BNA_G

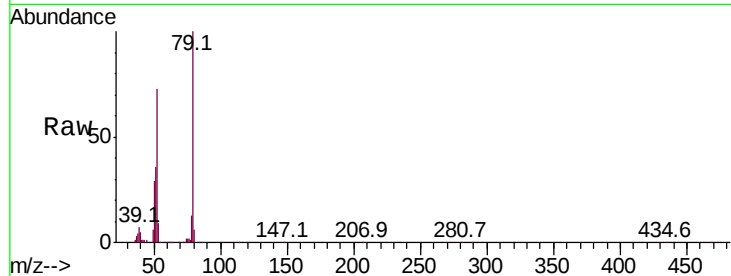
ClientSampleId :

PB127705BSD

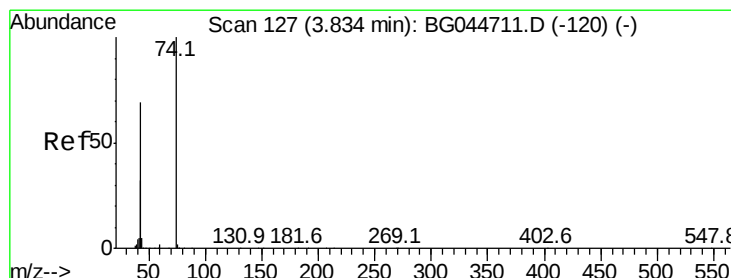
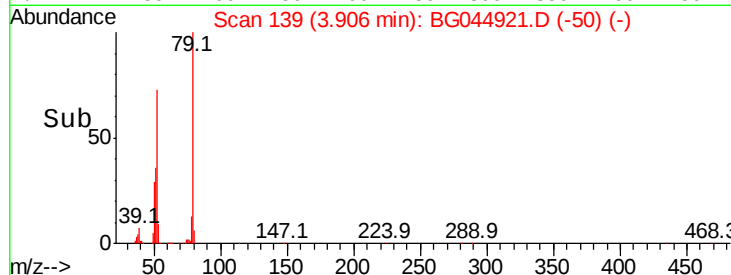
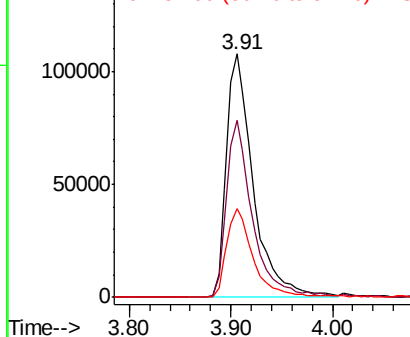
Tot Ion:	79	Resp:	197918
Ion Ratio	Lower	Upper	
79	100		
52	72.9	56.3	84.5
51	36.4	28.1	42.1

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Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 52.00 (51.70 to 52.70): BGC
Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 37.172 ng

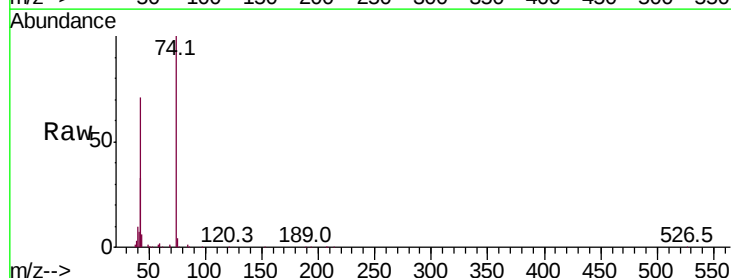
RT: 3.82 min Scan# 124

Delta R.T. -0.01 min

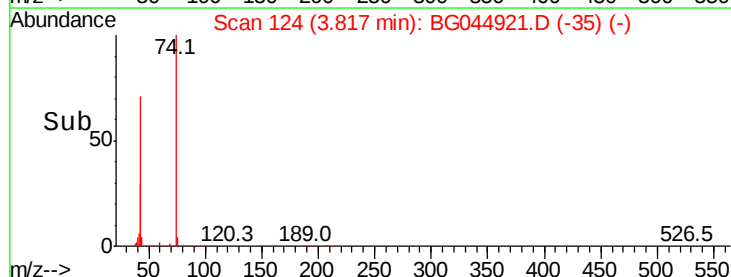
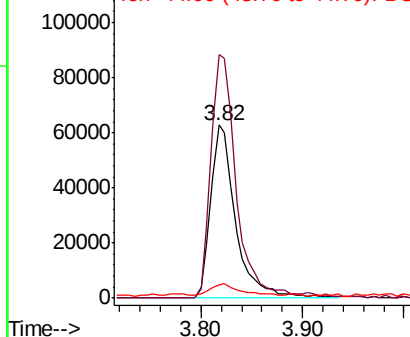
Lab File: BG044921.D

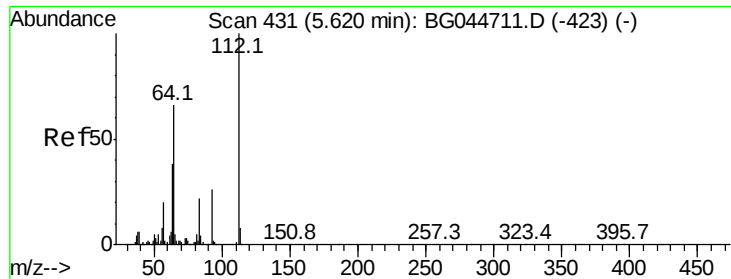
Acq: 20 Mar 2020 15:55

Tgt Ion:	42	Resp:	107578
Ion Ratio	Lower	Upper	
42	100		
74	140.9	109.1	163.7
44	8.0	5.4	8.2



Abundance Ion 42.00 (41.70 to 42.70): BGC
Ion 74.00 (73.70 to 74.70): BGC
Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 80.030 ng

RT: 5.62 min Scan# 430

Delta R.T. 0.00 min

Lab File: BG044921.D

Acq: 20 Mar 2020 15:55

Instrument :

BNA_G

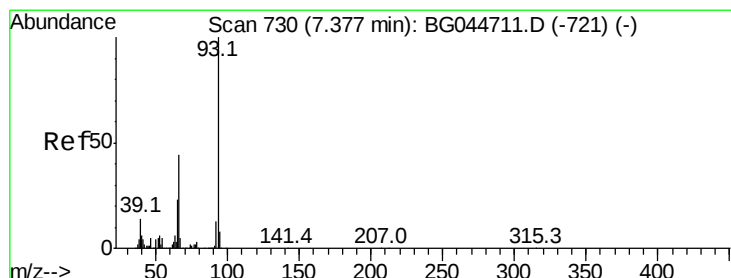
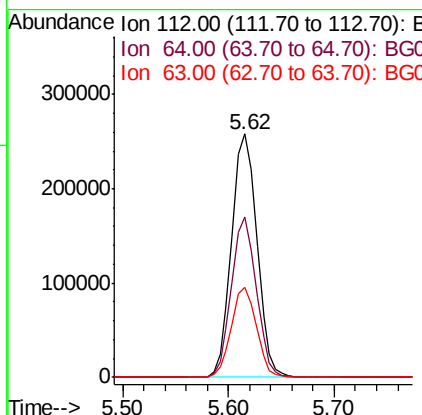
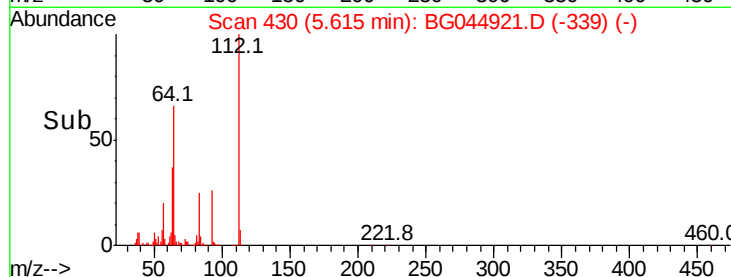
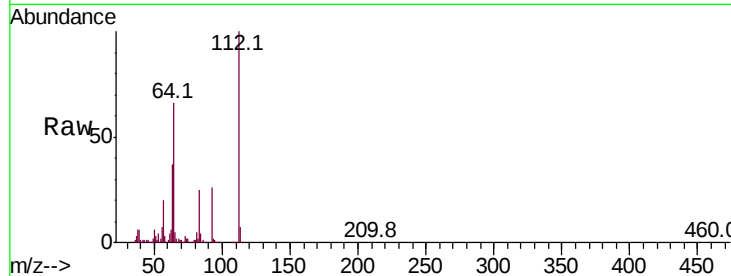
ClientSampleId :

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Tot Ion:	112	Resp:	428209
Ion Ratio	Lower	Upper	
112	100		
64	66.1	53.4	80.2
63	37.0	29.4	44.2

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#6

Aniline

Concen: 24.674 ng

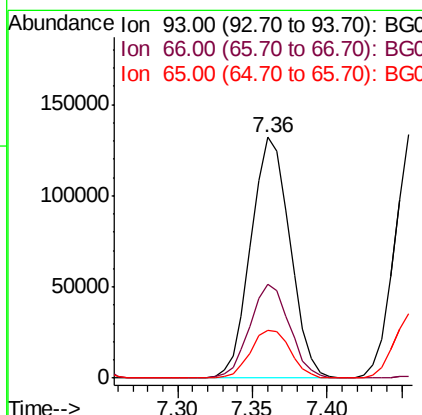
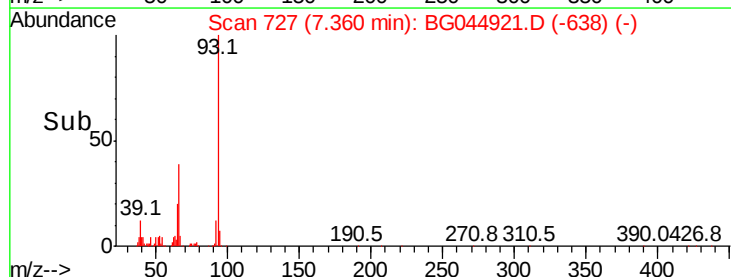
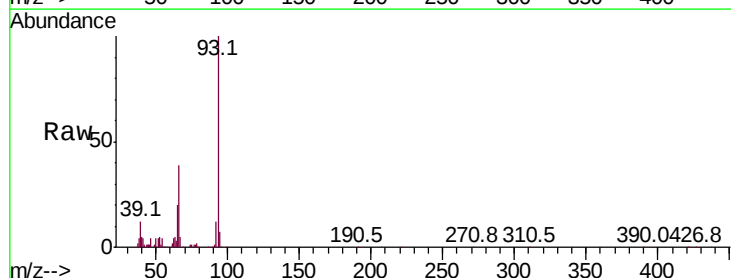
RT: 7.36 min Scan# 727

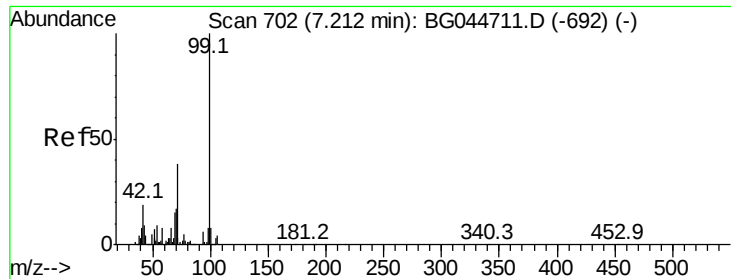
Delta R.T. -0.01 min

Lab File: BG044921.D

Acq: 20 Mar 2020 15:55

Tgt Ion:	93	Resp:	238677
Ion Ratio	Lower	Upper	
93	100		
66	39.2	33.7	50.5
65	20.1	17.7	26.5





#7

Phenol-d6

Concen: 75.238 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.00 min

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Acq: 20 Mar 2020 15:55

Instrument :

BNA_G

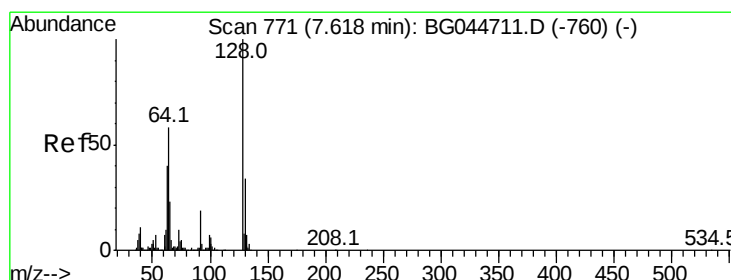
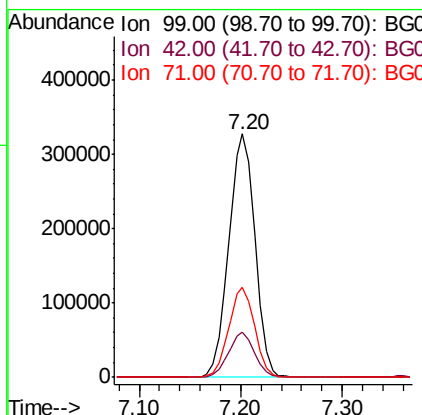
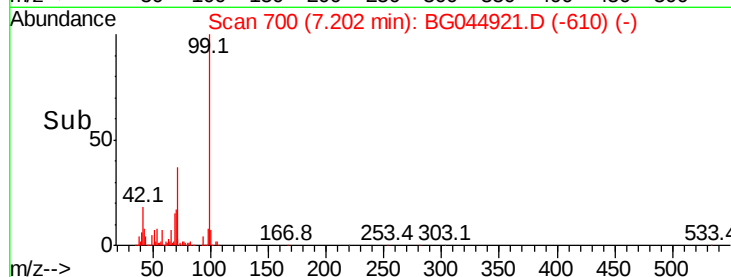
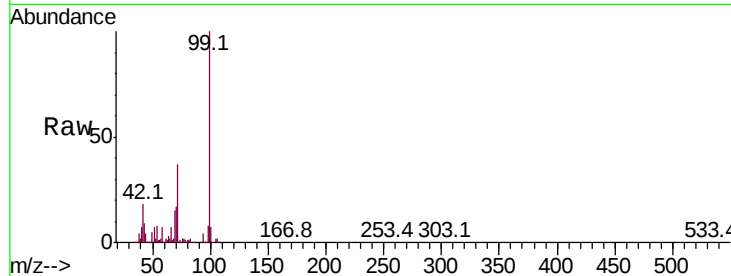
ClientSampleId :

PB127705BSD

Tot Ion:	99	Resp:	584904
Ion Ratio	Lower	Upper	
99	100		
42	18.4	12.6	19.0
71	37.2	29.0	43.4

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#8

2-Chlorophenol

Concen: 44.271 ng

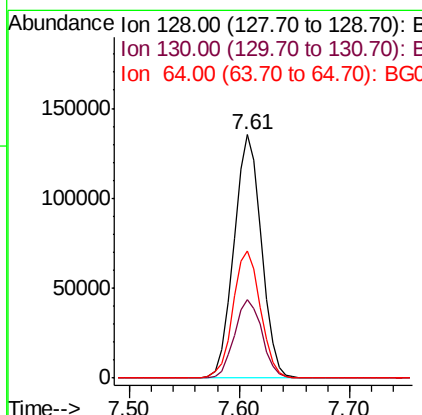
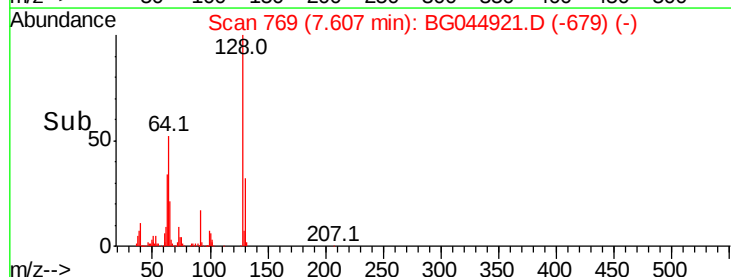
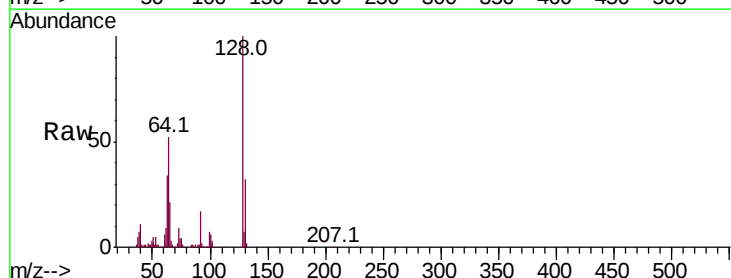
RT: 7.61 min Scan# 769

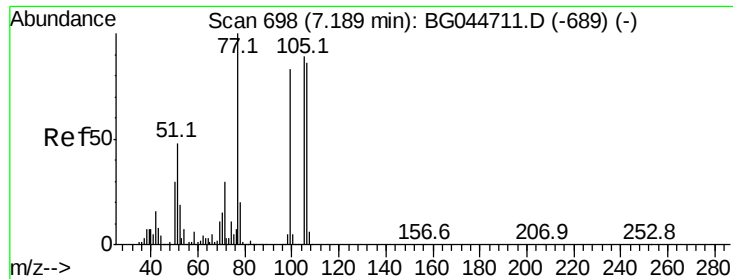
Delta R.T. -0.00 min

Lab File: BG044921.D

Acq: 20 Mar 2020 15:55

Tgt Ion:	128	Resp:	236463
Ion Ratio	Lower	Upper	
128	100		
130	32.2	11.6	51.6
64	52.0	34.5	74.5





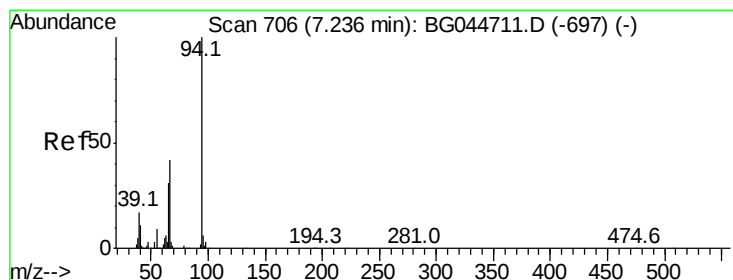
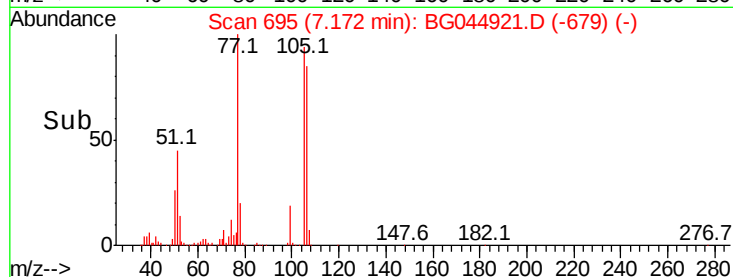
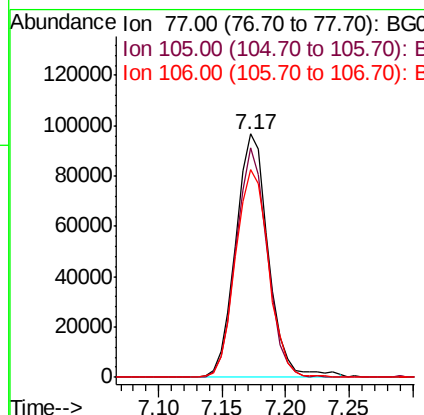
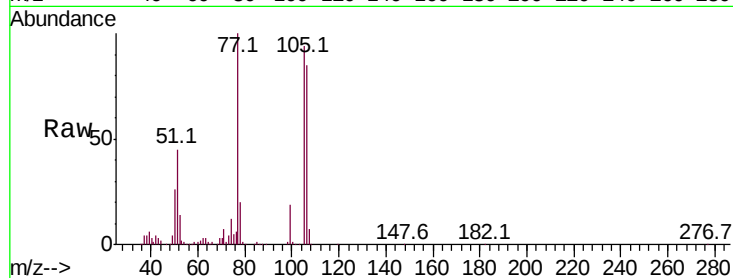
#9
Benzaldehyde
Concen: 35.360 ng
RT: 7.17 min Scan# 695
Delta R.T. -0.00 min
Lab File: BG044921.D
Acq: 20 Mar 2020 15:55

Instrument :
BNA_G
ClientSampleId :
PB127705BSD

Tot Ion	Ratio	Lower	Upper
77	100		
105	94.1	69.3	109.3
106	85.2	64.5	104.5

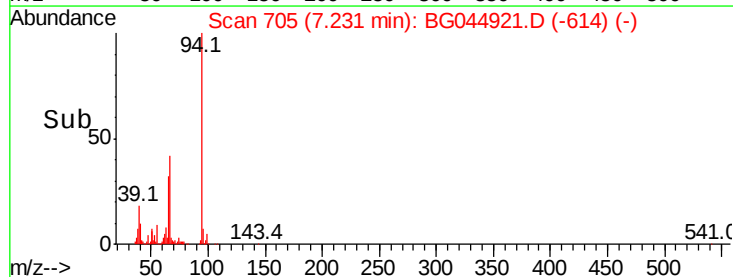
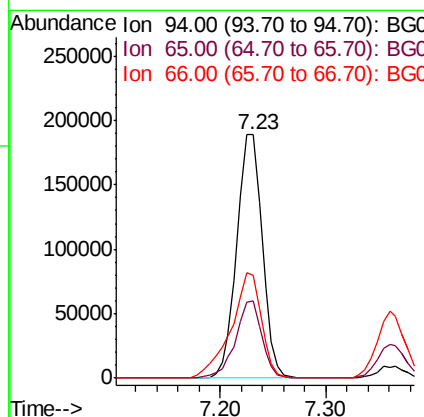
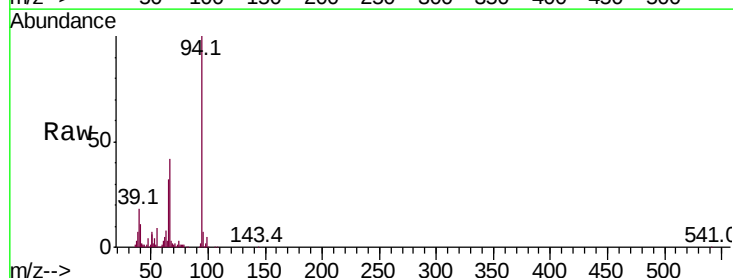
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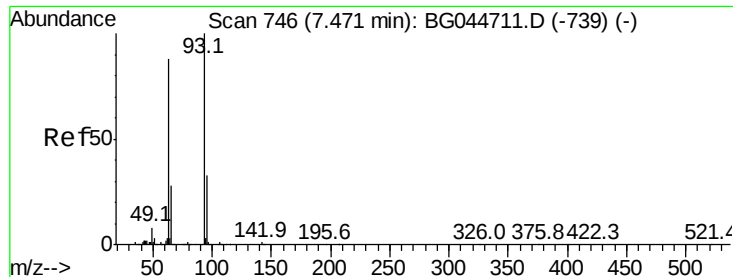
mohammad
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#10
Phenol
Concen: 40.893 ng
RT: 7.23 min Scan# 705
Delta R.T. 0.00 min
Lab File: BG044921.D
Acq: 20 Mar 2020 15:55

Tgt Ion	Ratio	Lower	Upper
94	100		
65	31.6	11.0	51.0
66	42.4	20.1	60.1





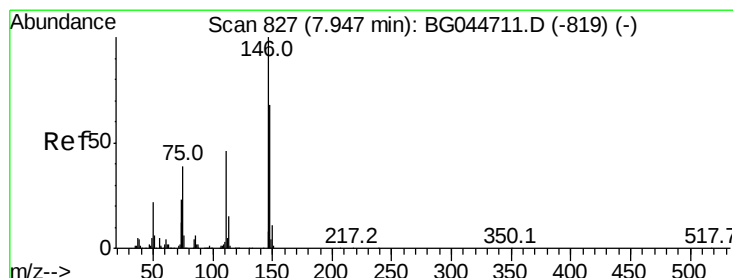
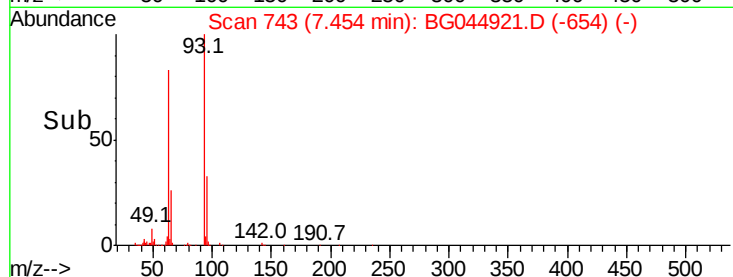
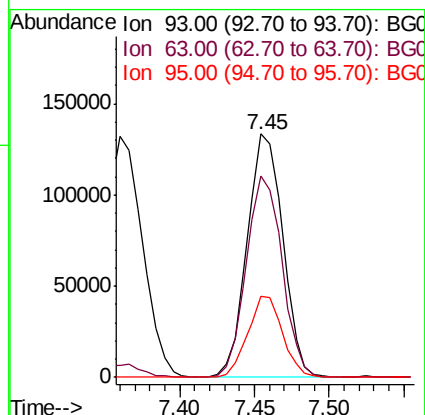
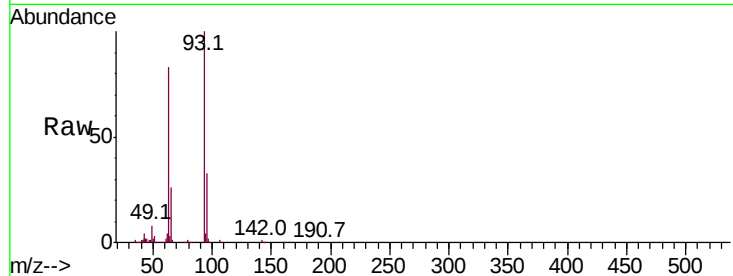
#11
bis(2-Chloroethyl)ether
Concen: 35.751 ng
RT: 7.45 min Scan# 743
Delta R.T. -0.01 min
Lab File: BG044921.D
Acq: 20 Mar 2020 15:55

Instrument :
BNA_G
ClientSampleId :
PB127705BSD

Tot Ion	Ratio	Resp	Lower	Upper
93	100	219600		
63	82.8	59.7	99.7	
95	33.0	13.1	53.1	

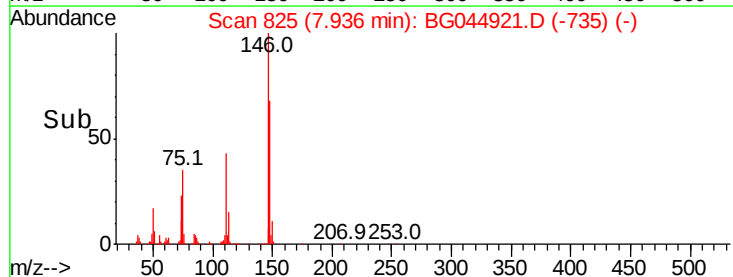
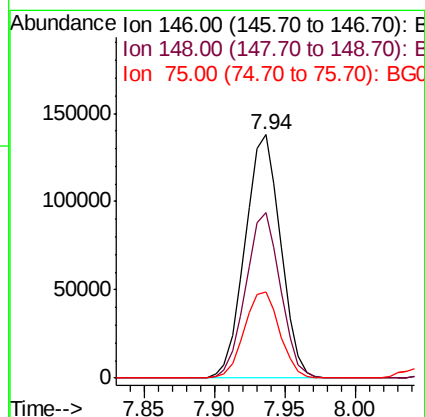
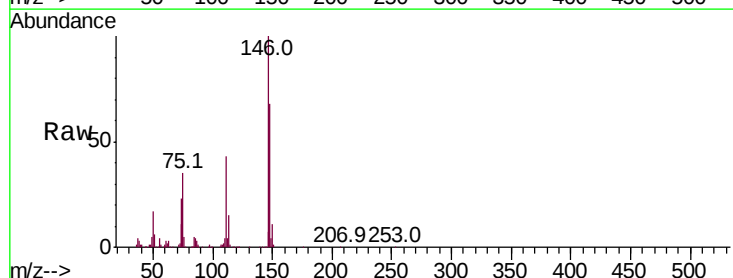
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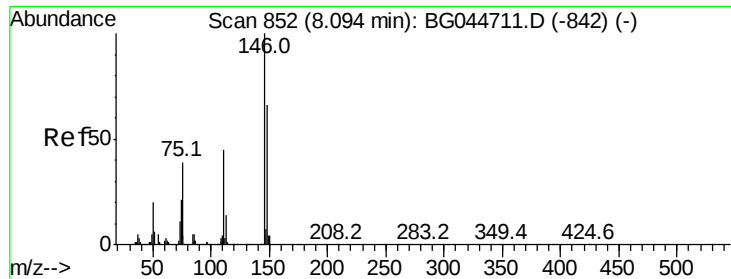
mohammad
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#12
1,3-Dichlorobenzene
Concen: 36.972 ng
RT: 7.94 min Scan# 825
Delta R.T. -0.00 min
Lab File: BG044921.D
Acq: 20 Mar 2020 15:55

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	243263		
148	67.9	54.2	81.4	
75	35.2	28.6	42.8	





#13

1,4-Dichlorobenzene

Concen: 36.962 ng

RT: 8.08 min Scan# 849

Delta R.T. -0.01 min

Lab File: BG044921.D

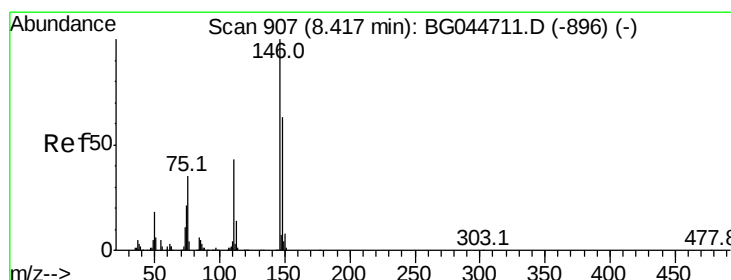
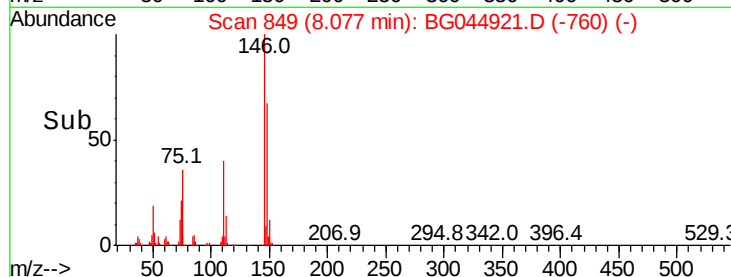
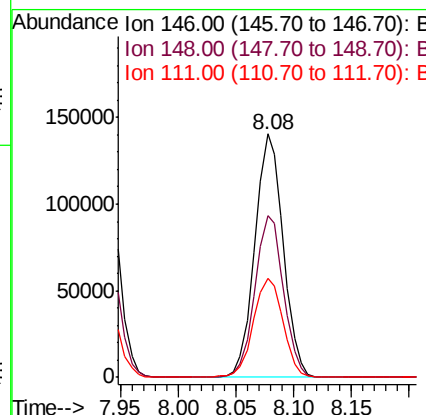
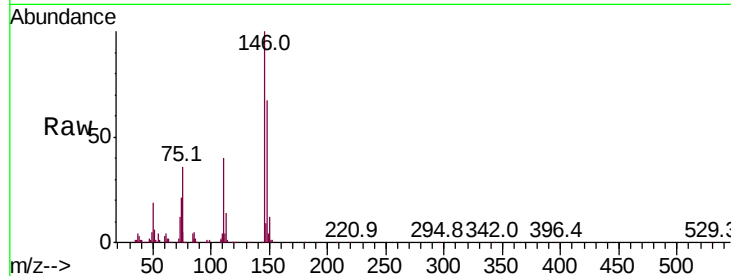
Acq: 20 Mar 2020 15:55

Instrument :
BNA_G
ClientSampleId :
PB127705BSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	66.5	53.8	80.6
111	40.4	32.0	48.0

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#14

1,2-Dichlorobenzene

Concen: 36.180 ng

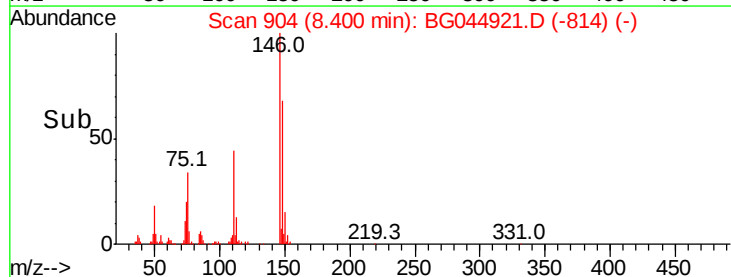
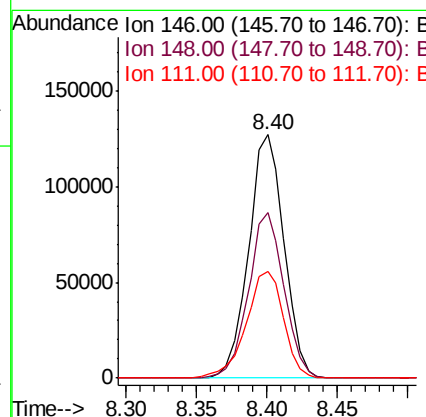
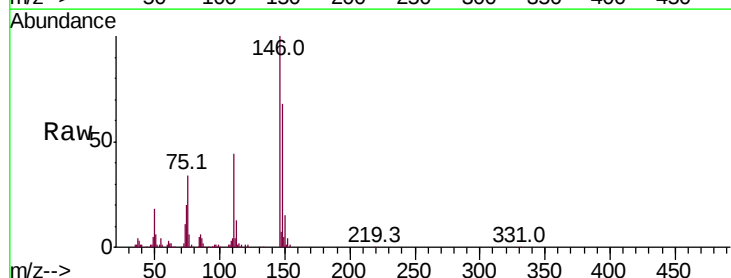
RT: 8.40 min Scan# 904

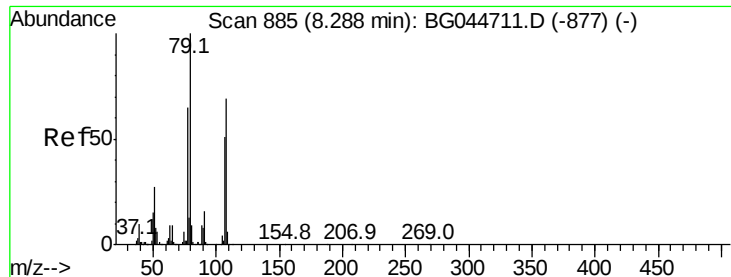
Delta R.T. -0.00 min

Lab File: BG044921.D

Acq: 20 Mar 2020 15:55

Tgt Ion	Ratio	Lower	Upper
146	100		
148	67.9	52.1	78.1
111	43.8	33.4	50.2





#15

Benzyl Alcohol

Concen: 38.695 ng

RT: 8.28 min Scan# 883

Delta R.T. -0.00 min

Lab File: BG044921.D

Acq: 20 Mar 2020 15:55

Instrument :

BNA_G

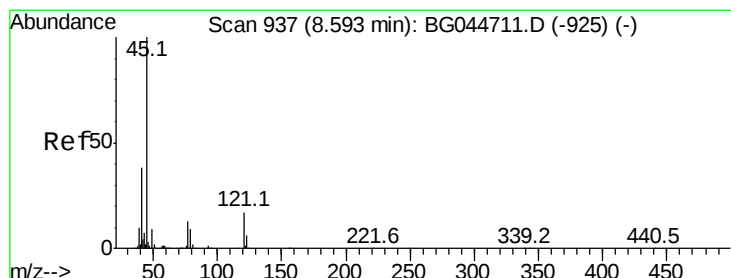
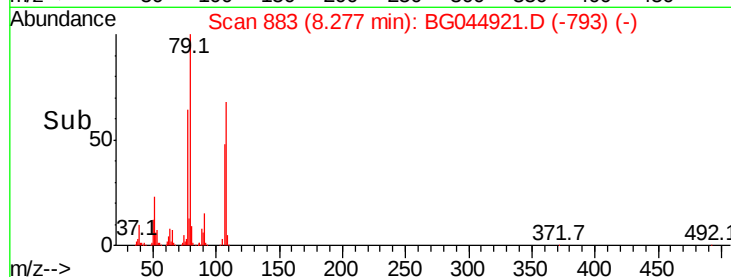
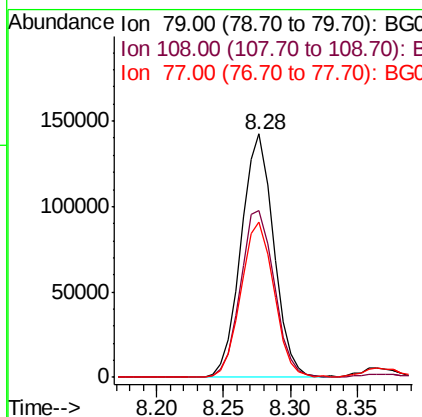
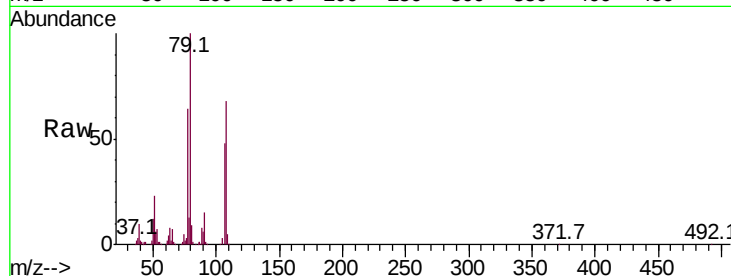
ClientSampleId :

PB127705BSD

Tot Ion:	79	Resp:	241357
Ion Ratio	Lower	Upper	
79	100		
108	68.4	53.8	80.8
77	63.7	47.8	71.8

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 29.761 ng

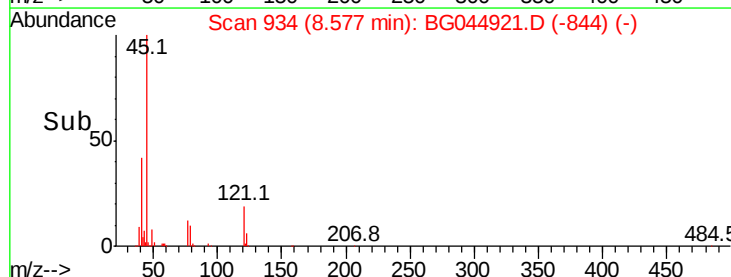
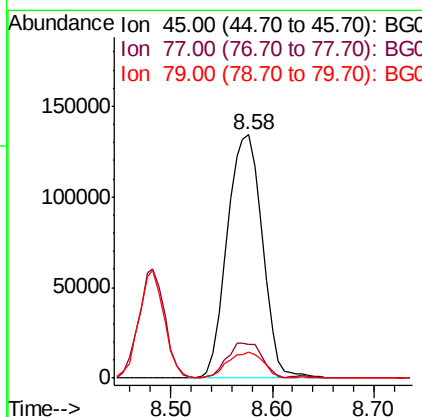
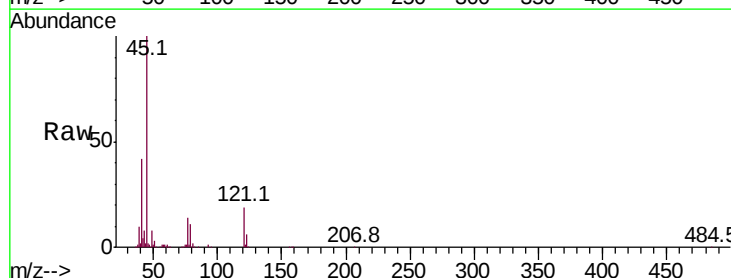
RT: 8.58 min Scan# 934

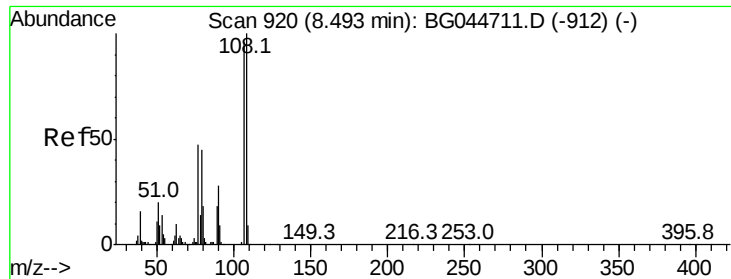
Delta R.T. -0.00 min

Lab File: BG044921.D

Acq: 20 Mar 2020 15:55

Tgt Ion:	45	Resp:	322600
Ion Ratio	Lower	Upper	
45	100		
77	13.7	0.0	33.9
79	10.8	0.0	30.8





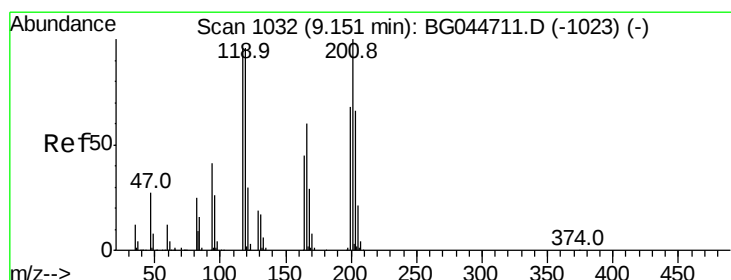
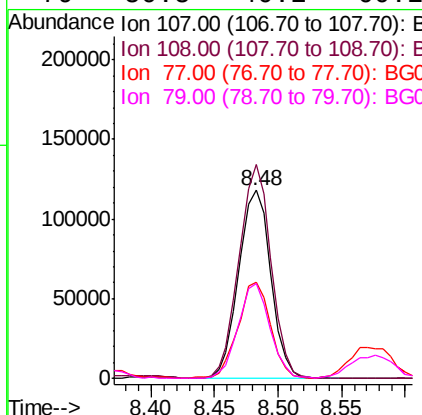
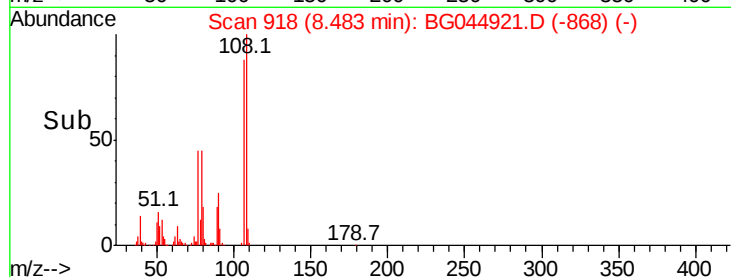
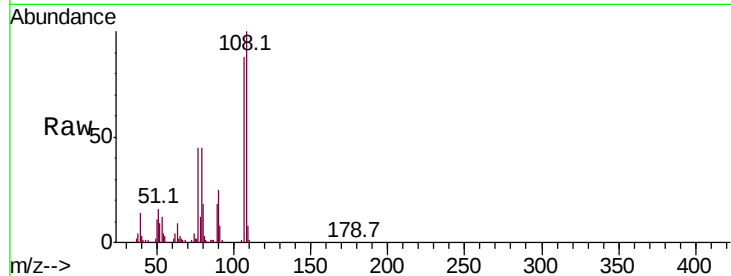
#17
2-Methylphenol
Concen: 40.014 ng
RT: 8.48 min Scan# 918
Delta R.T. -0.00 min
Lab File: BG044921.D
Acq: 20 Mar 2020 15:55

Instrument :
BNA_G
ClientSampleId :
PB127705BSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.5	91.8	137.8	
77	50.9	40.0	60.0	
79	50.5	40.2	60.2	

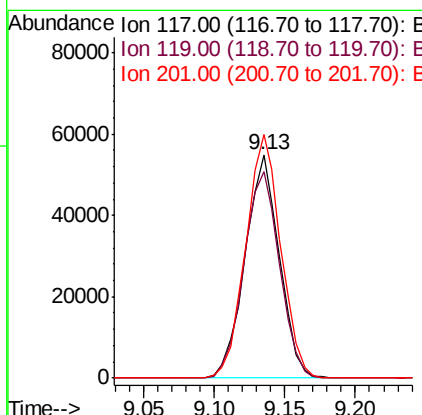
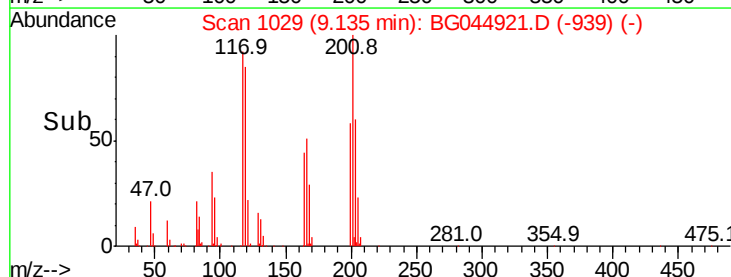
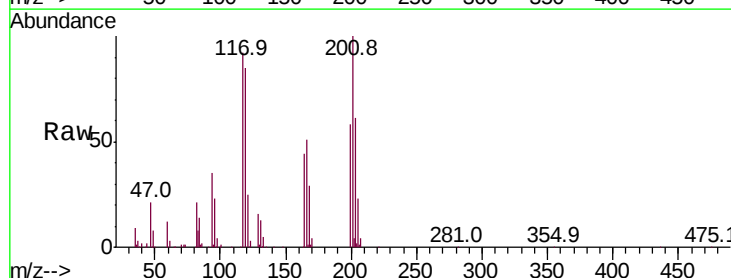
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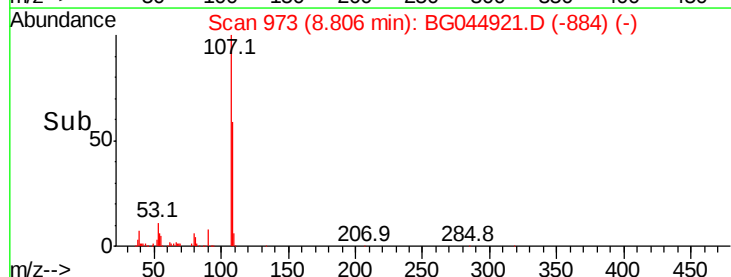
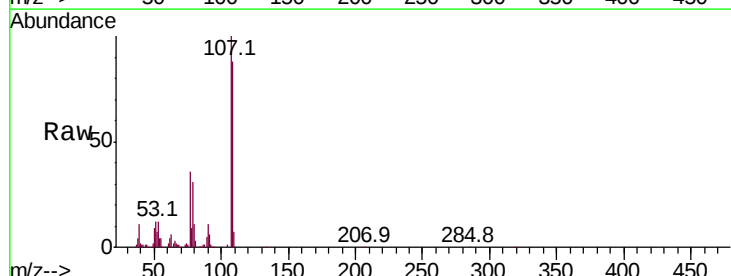
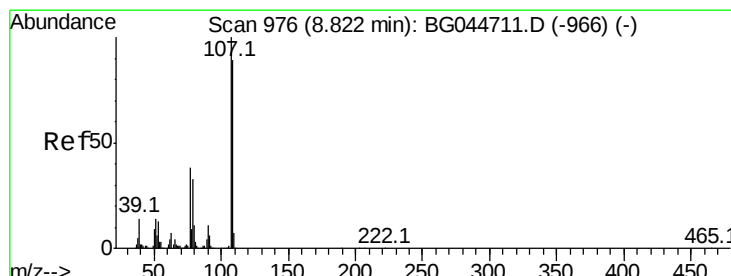
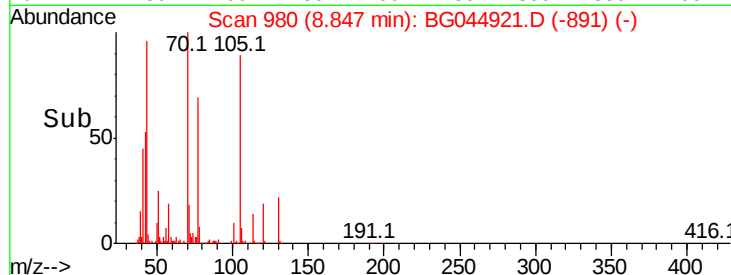
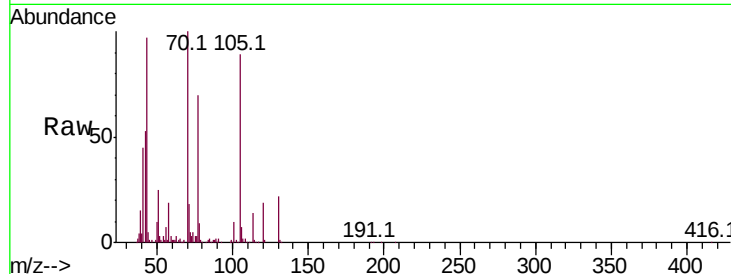
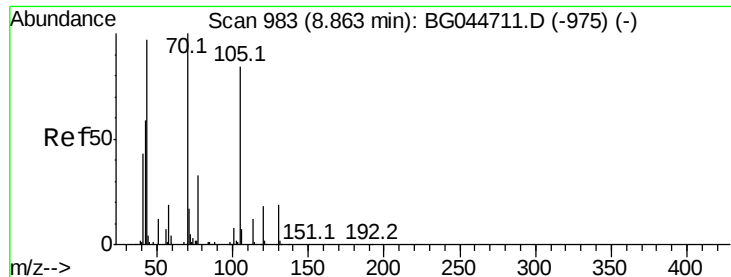
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#18
Hexachloroethane
Concen: 36.357 ng
RT: 9.13 min Scan# 1029
Delta R.T. -0.00 min
Lab File: BG044921.D
Acq: 20 Mar 2020 15:55

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	92.6	75.2	112.8	
201	109.1	81.1	121.7	





#19

n-Nitroso-di-n-propylamine

Concen: 34.025 ng

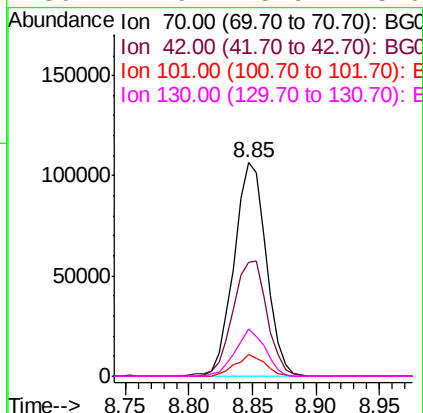
RT: 8.85 min Scan# 980

Delta R.T. -0.01 min

Lab File: BG044921.D

Acq: 20 Mar 2020 15:55

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	53.5	45.7	68.5		
101	10.0	7.4	11.2		
130	21.9	15.9	23.9		



Instrument :
BNA_G
ClientSampleId :
PB127705BSD

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#20

3+4-Methylphenols

Concen: 40.529 ng

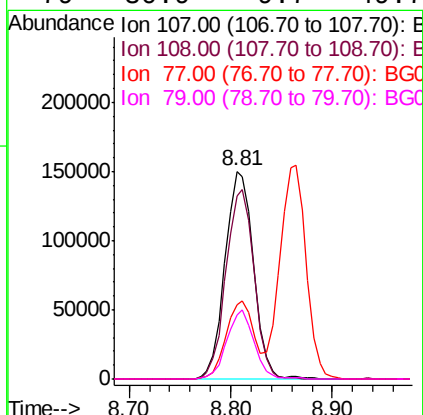
RT: 8.81 min Scan# 973

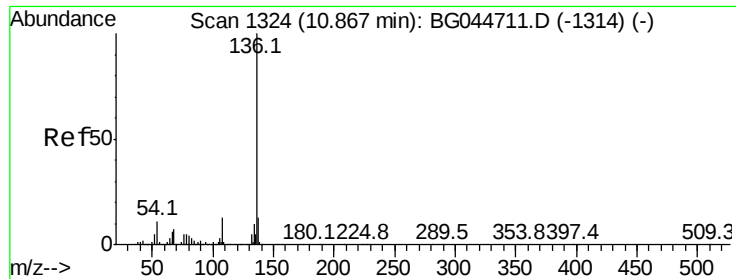
Delta R.T. -0.01 min

Lab File: BG044921.D

Acq: 20 Mar 2020 15:55

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	87.9	71.3	111.3		
77	35.7	16.9	56.9		
79	30.9	9.7	49.7		





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.85 min Scan# 1321

Delta R.T. -0.01 min

Lab File: BG044921.D

Acq: 20 Mar 2020 15:55

Instrument :

BNA_G

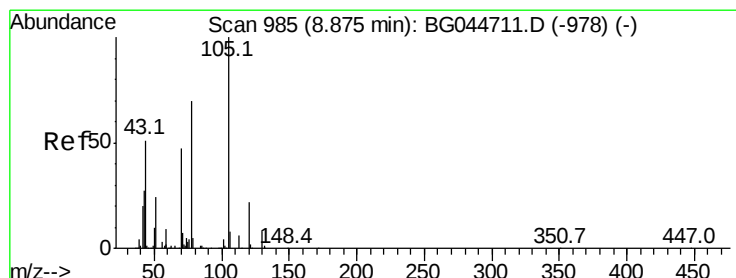
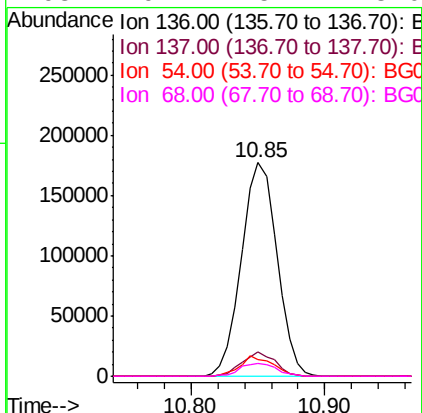
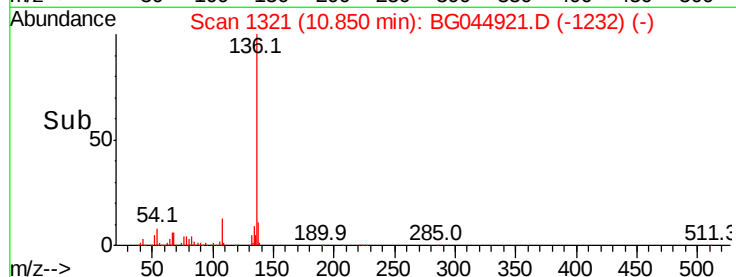
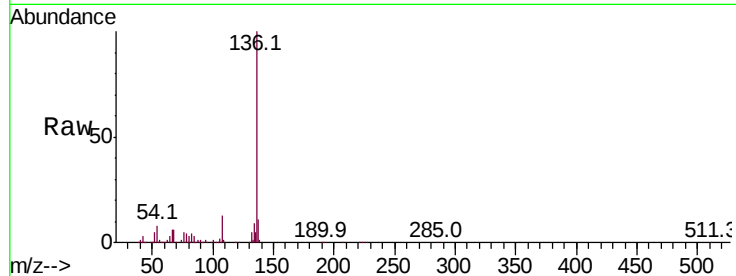
ClientSampleId :

PB127705BSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	327826		
137	11.3		9.8	14.6
54	7.9		7.9	11.9
68	6.1		5.4	8.0

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#22

Acetophenone

Concen: 36.545 ng

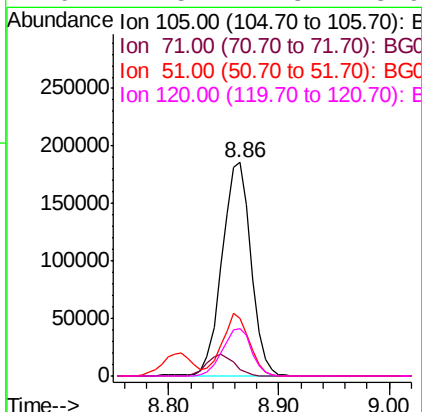
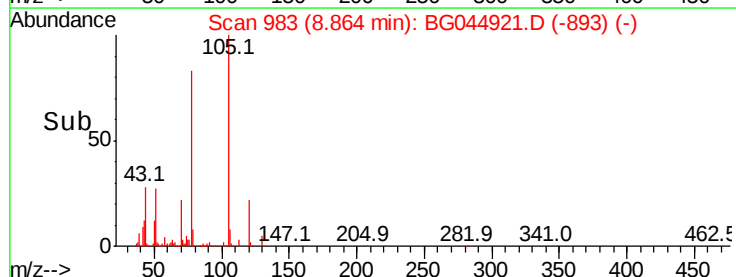
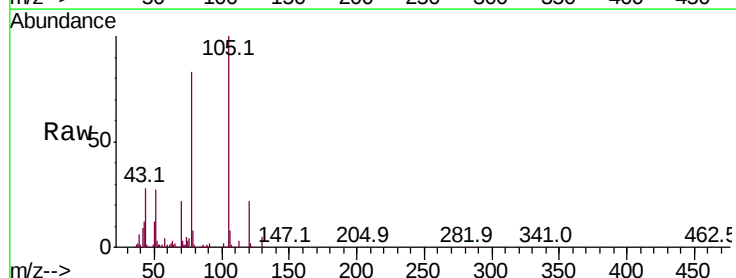
RT: 8.86 min Scan# 983

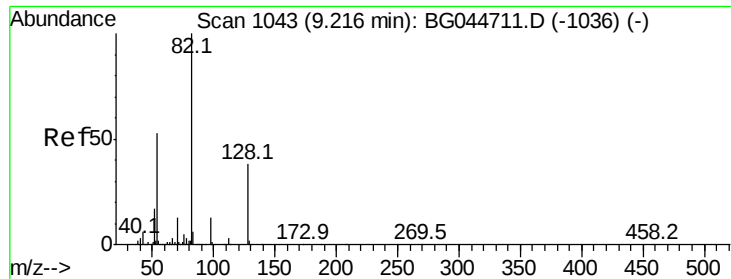
Delta R.T. -0.00 min

Lab File: BG044921.D

Acq: 20 Mar 2020 15:55

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	339409		
71	3.2		3.9	5.9#
51	27.2		22.6	33.8
120	22.5		17.3	25.9





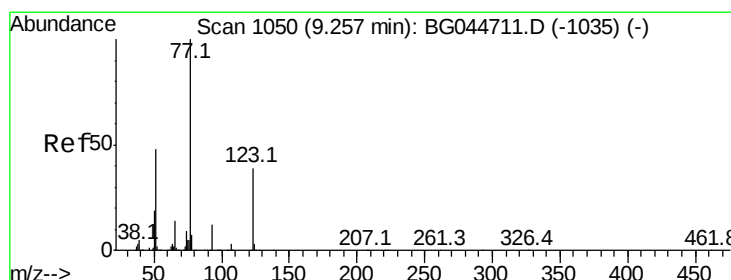
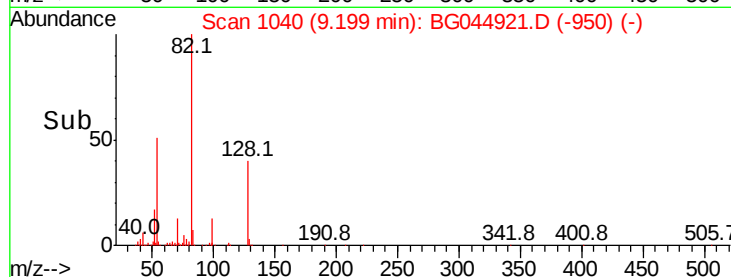
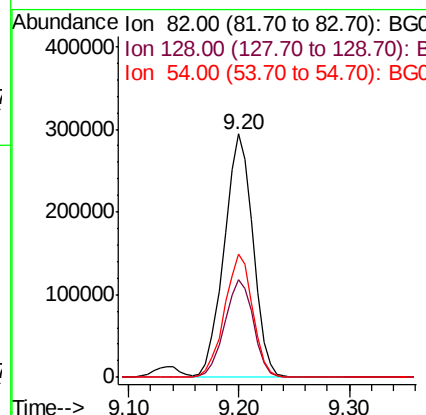
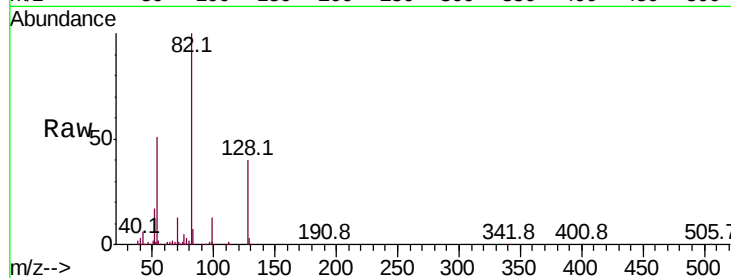
#23
 Nitrobenzene-d5
 Concen: 71.709 ng
 RT: 9.20 min Scan# 1040
 Delta R.T. -0.00 min
 Lab File: BG044921.D
 Acq: 20 Mar 2020 15:55

Instrument :
 BNA_G
 ClientSampleId :
 PB127705BSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	39.9	30.6	46.0
54	50.6	37.1	55.7

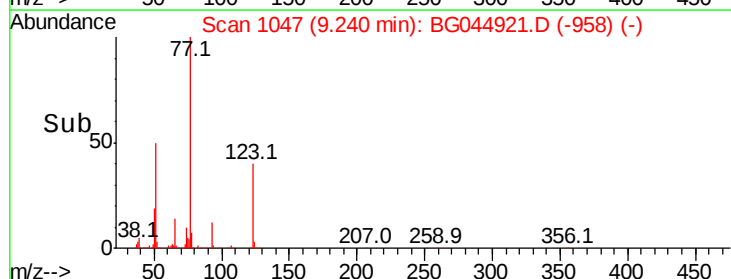
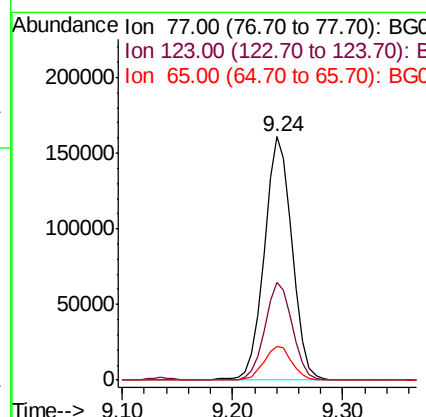
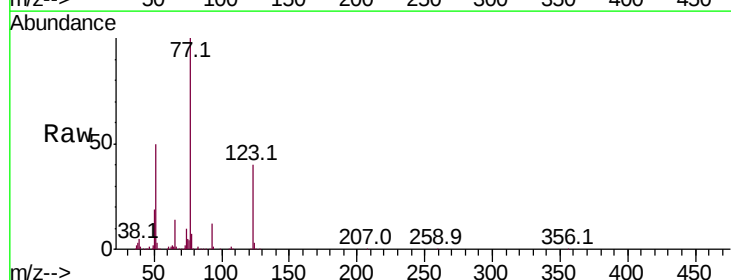
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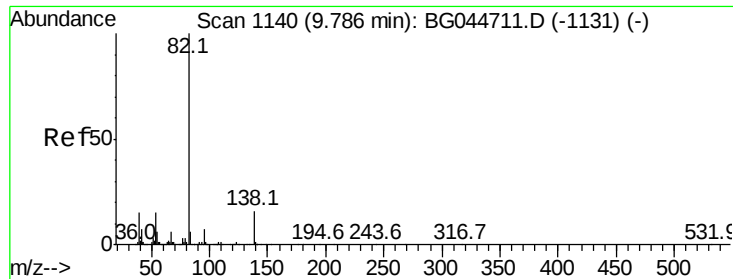
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#24
 Nitrobenzene
 Concen: 36.421 ng
 RT: 9.24 min Scan# 1047
 Delta R.T. -0.01 min
 Lab File: BG044921.D
 Acq: 20 Mar 2020 15:55

Tgt Ion	Ratio	Lower	Upper
77	100		
123	40.2	31.3	46.9
65	14.0	11.4	17.0





#25

Isophorone

Concen: 35.741 ng

RT: 9.77 min Scan# 1137

Delta R.T. -0.01 min

Lab File: BG044921.D

Acq: 20 Mar 2020 15:55

Instrument :

BNA_G

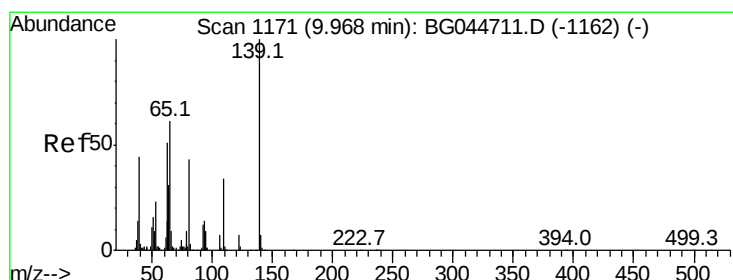
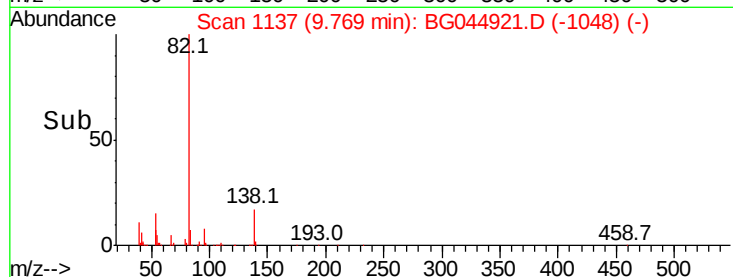
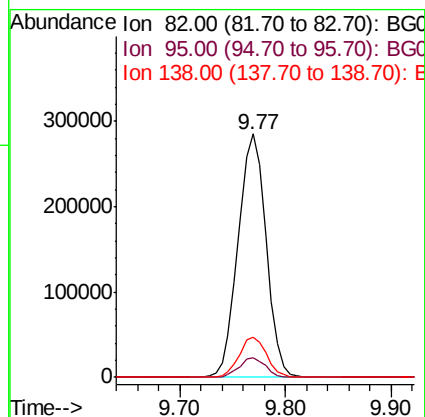
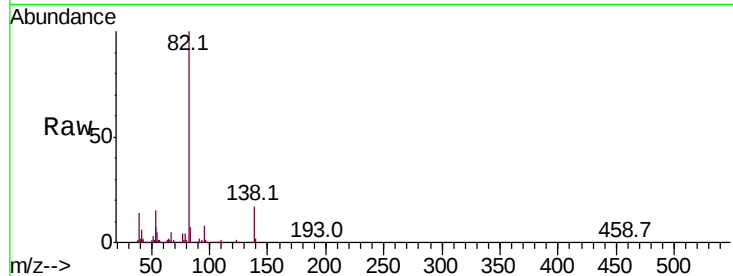
ClientSampleId :

PB127705BSD

Tot Ion	82	Resp	521126
Ion Ratio	Lower	Upper	
82	100		
95	8.3	5.5	8.3#
138	16.7	12.5	18.7

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#26

2-Nitrophenol

Concen: 46.251 ng

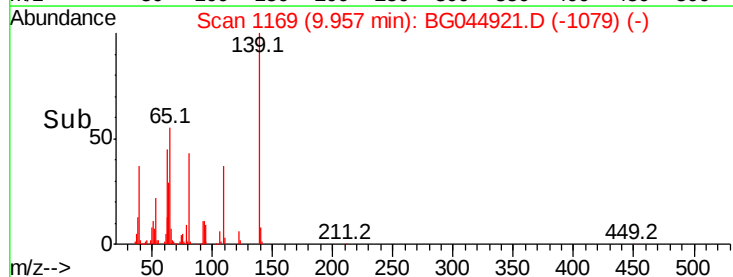
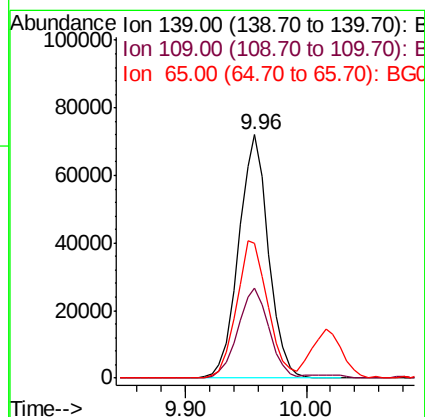
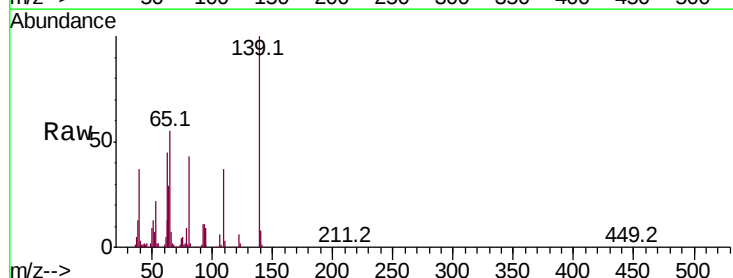
RT: 9.96 min Scan# 1169

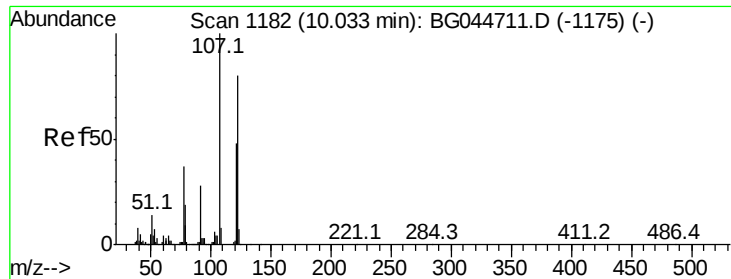
Delta R.T. -0.00 min

Lab File: BG044921.D

Acq: 20 Mar 2020 15:55

Tgt Ion	139	Resp	123858
Ion Ratio	Lower	Upper	
139	100		
109	37.0	30.2	45.4
65	55.4	46.3	69.5





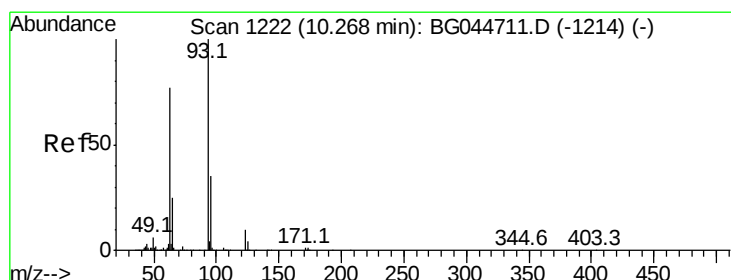
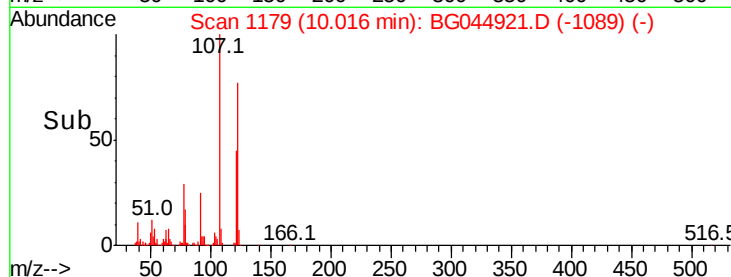
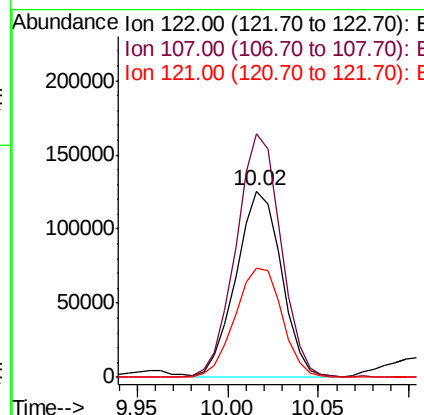
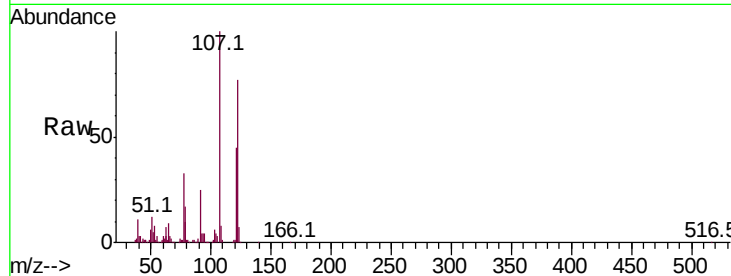
#27
2,4-Dimethylphenol
Concen: 45.781 ng
RT: 10.02 min Scan# 1179
Delta R.T. -0.00 min
Lab File: BG044921.D
Acq: 20 Mar 2020 15:55

Instrument :
BNA_G
ClientSampleId :
PB127705BSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	130.6	107.1	160.7
121	58.7	46.8	70.2

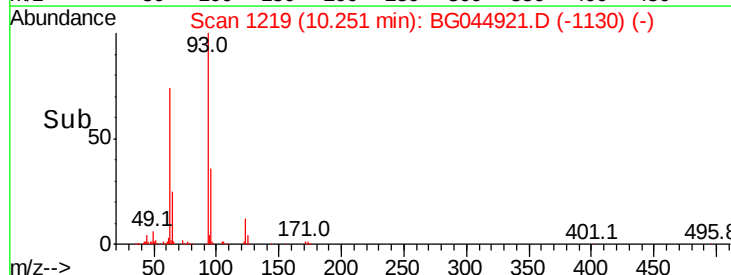
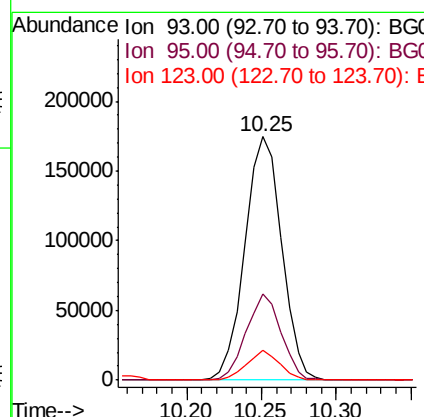
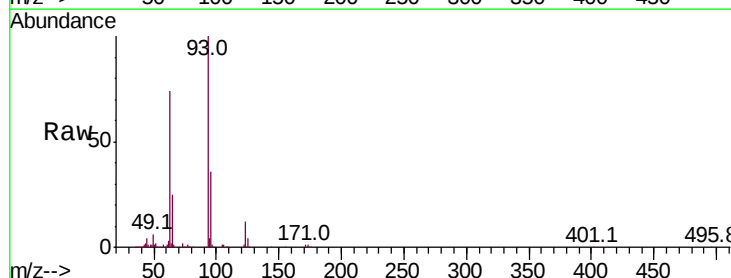
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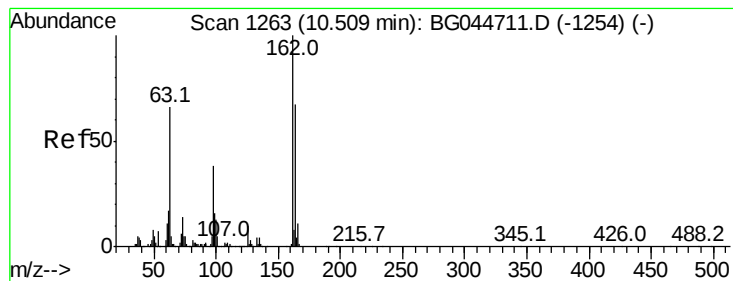
mohammad
3/23/2020 9:39:42 AM



#28
bis(2-Chloroethoxy)methane
Concen: 34.208 ng
RT: 10.25 min Scan# 1219
Delta R.T. -0.01 min
Lab File: BG044921.D
Acq: 20 Mar 2020 15:55

Tgt Ion	Ratio	Lower	Upper
93	100		
95	35.6	26.4	39.6
123	12.1	8.4	12.6





#29

2,4-Dichlorophenol

Concen: 42.267 ng

RT: 10.50 min Scan# 1261

Delta R.T. -0.00 min

Lab File: BG044921.D

Acq: 20 Mar 2020 15:55

Instrument :

BNA_G

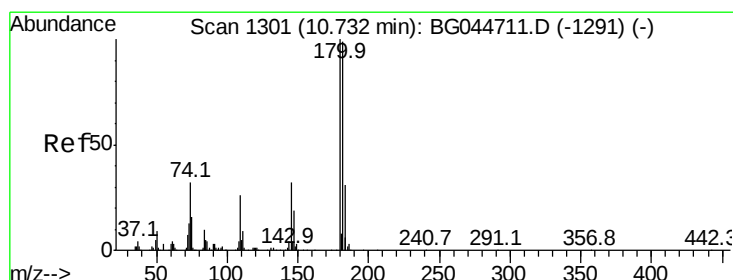
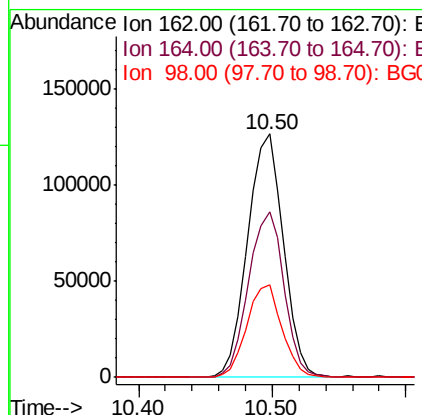
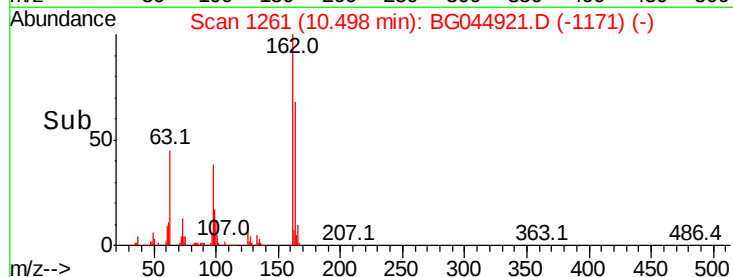
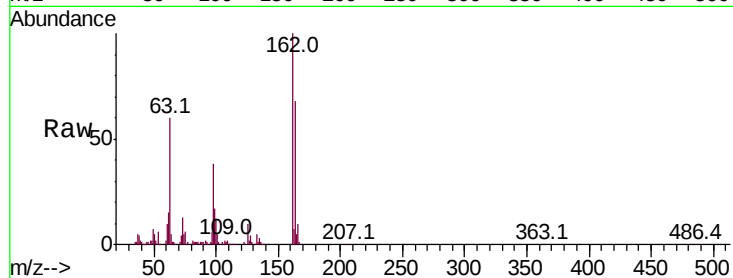
ClientSampleId :

PB127705BSD

Tot Ion:	162	Resp:	234411
Ion Ratio	Lower	Upper	
162	100		
164	68.2	45.2	85.2
98	37.9	19.0	59.0

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#30

1,2,4-Trichlorobenzene

Concen: 37.338 ng

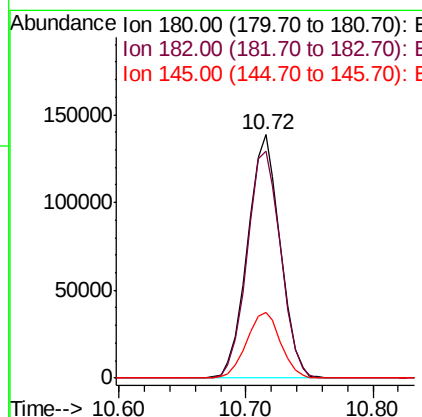
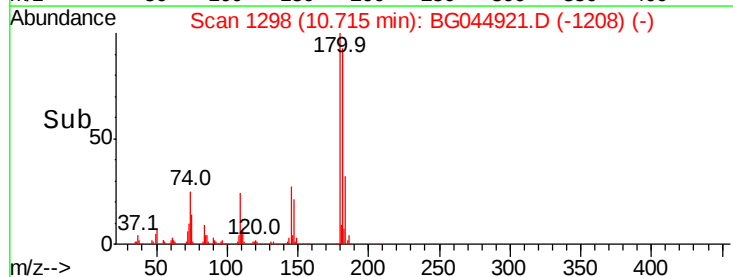
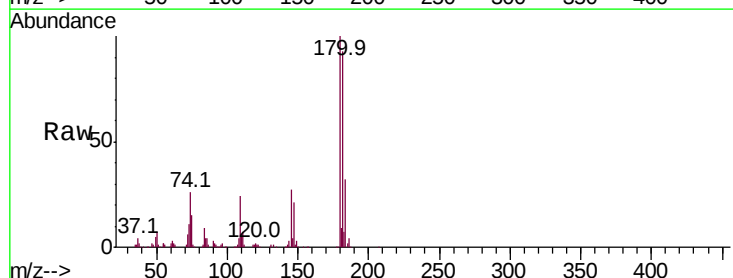
RT: 10.72 min Scan# 1298

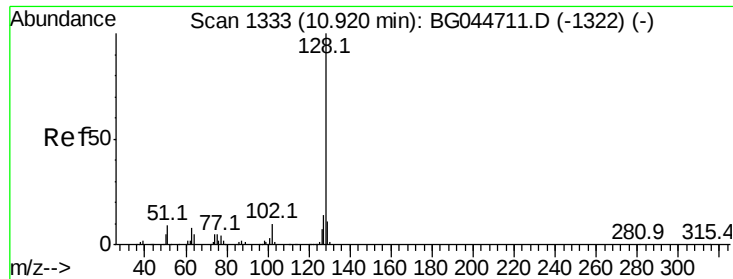
Delta R.T. -0.00 min

Lab File: BG044921.D

Acq: 20 Mar 2020 15:55

Tgt Ion:	180	Resp:	247604
Ion Ratio	Lower	Upper	
180	100		
182	93.0	71.6	107.4
145	26.9	23.4	35.0





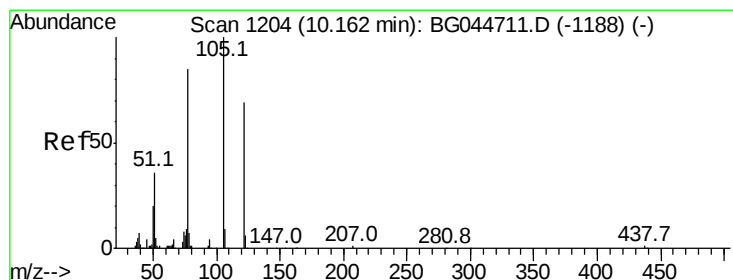
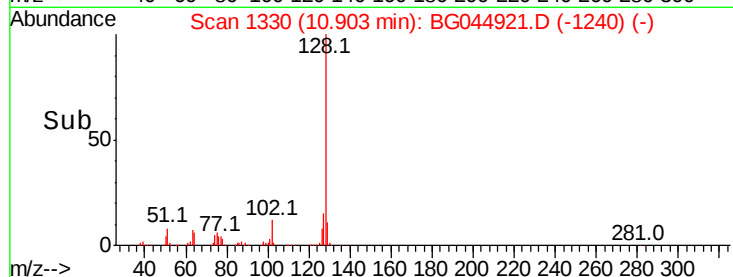
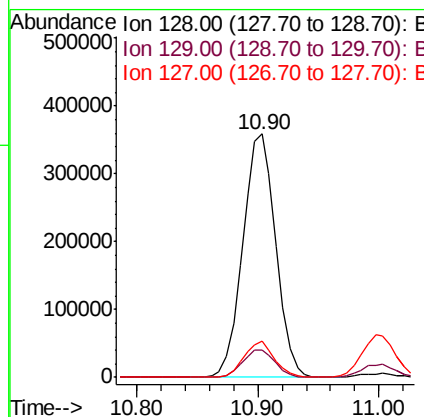
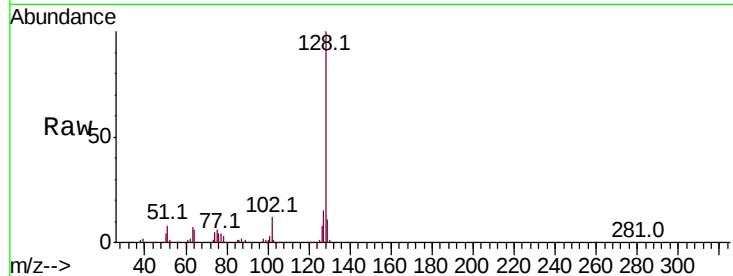
#31
Naphthalene
Concen: 37.322 ng
RT: 10.90 min Scan# 1330
Delta R.T. -0.00 min
Lab File: BG044921.D
Acq: 20 Mar 2020 15:55

Instrument :
BNA_G
ClientSampleId :
PB127705BSD

Tot Ion	Ratio	Resp Lower	Upper
128	100		
129	11.1	9.0	13.4
127	14.9	10.8	16.2

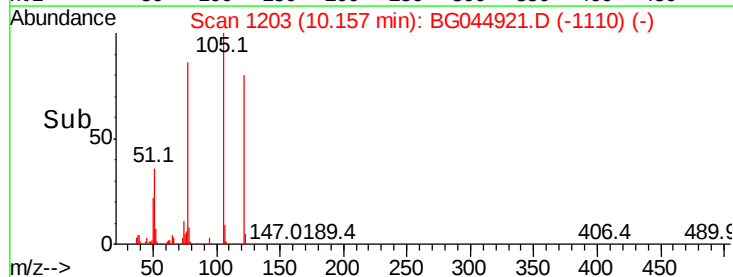
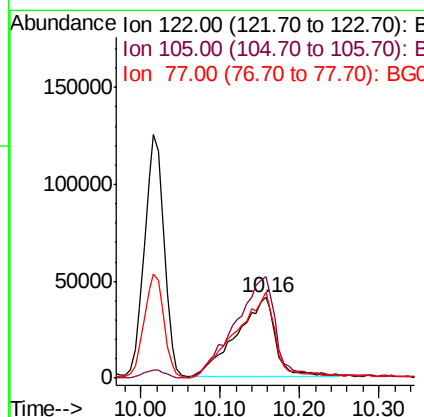
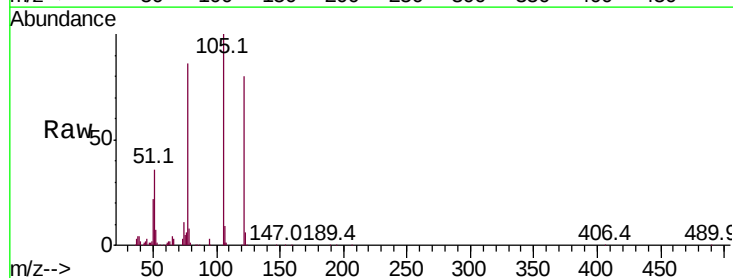
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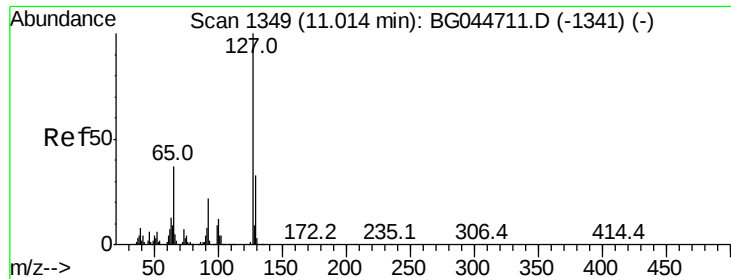
mohammad
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#32
Benzoic acid
Concen: 40.105 ng
RT: 10.16 min Scan# 1203
Delta R.T. 0.01 min
Lab File: BG044921.D
Acq: 20 Mar 2020 15:55

Tgt Ion	Ratio	Resp Lower	Upper
122	100		
105	125.1	109.1	149.1
77	107.0	85.3	125.3





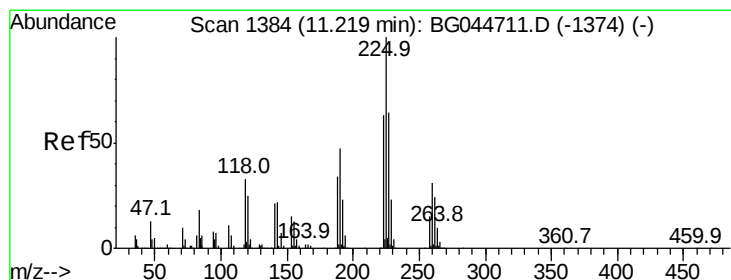
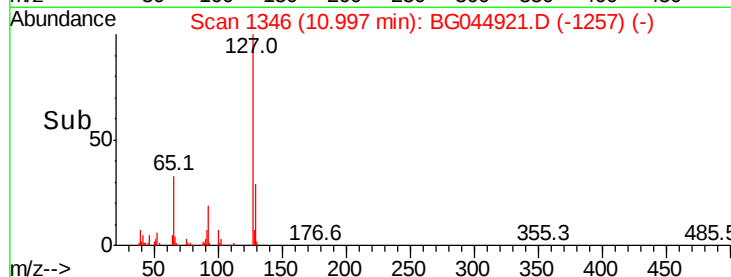
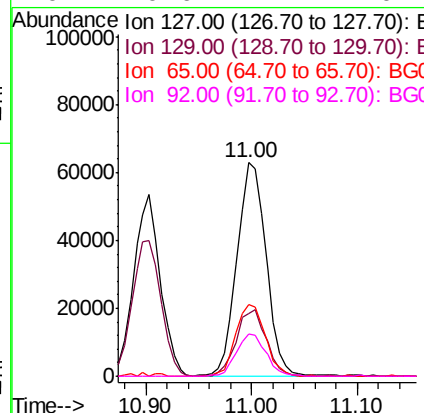
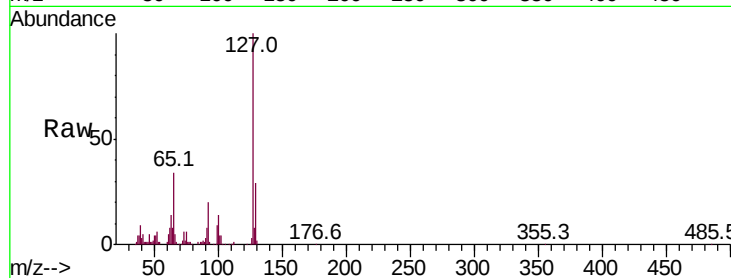
#33
4-Chloroaniline
Concen: 14.732 ng
RT: 11.00 min Scan# 1346
Delta R.T. -0.01 min
Lab File: BG044921.D
Acq: 20 Mar 2020 15:55

Instrument :
BNA_G
ClientSampleId :
PB127705BSD

Tot Ion	Ratio	Resp Lower	Resp Upper
127	100		
129	29.3	26.9	40.3
65	33.7	27.7	41.5
92	19.6	17.4	26.2

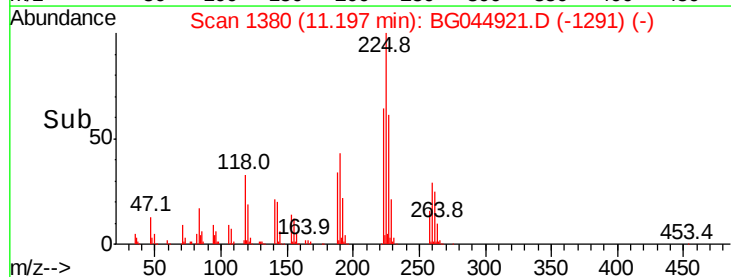
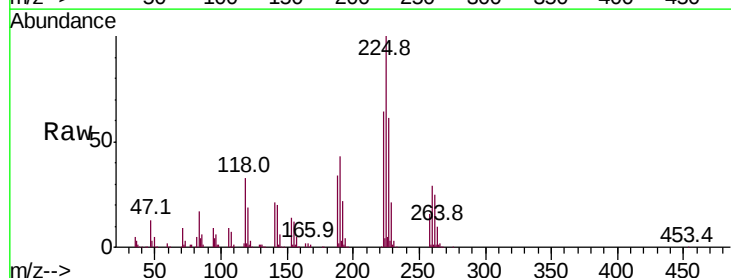
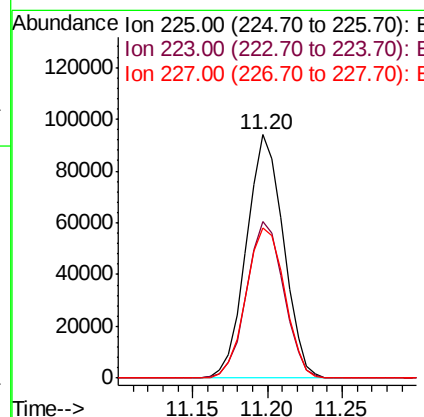
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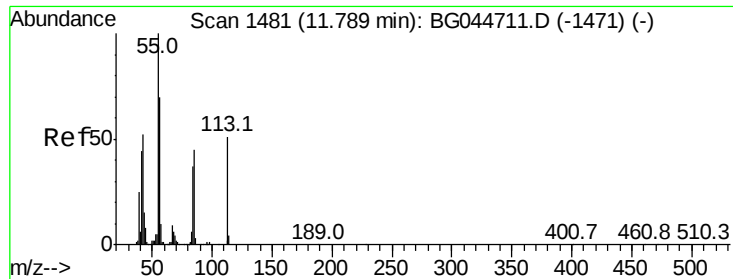
mohammad
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#34
Hexachlorobutadiene
Concen: 36.978 ng
RT: 11.20 min Scan# 1380
Delta R.T. -0.01 min
Lab File: BG044921.D
Acq: 20 Mar 2020 15:55

Tgt Ion	Ratio	Resp Lower	Resp Upper
225	100		
223	64.4	47.4	71.0
227	61.5	50.8	76.2





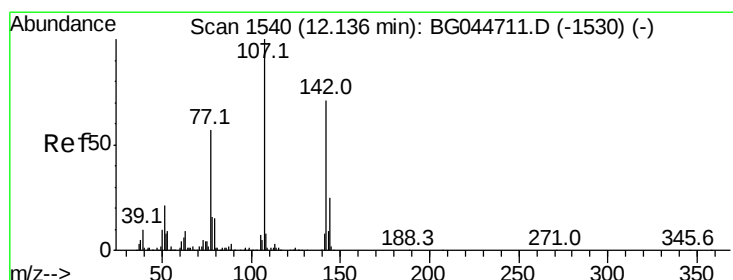
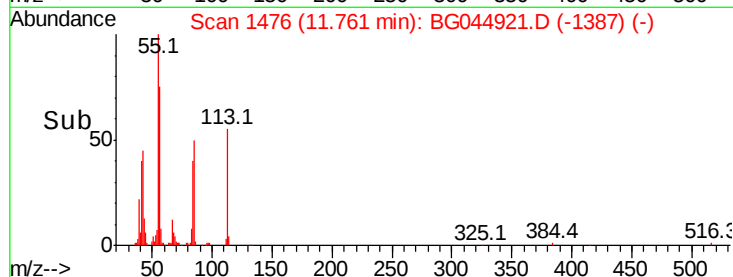
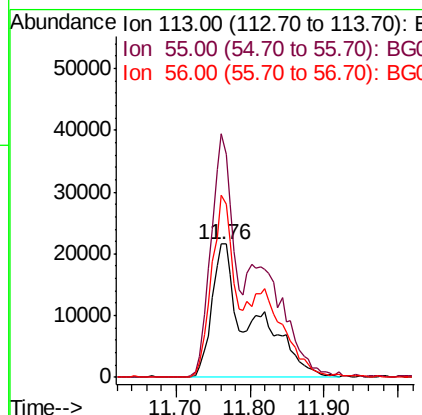
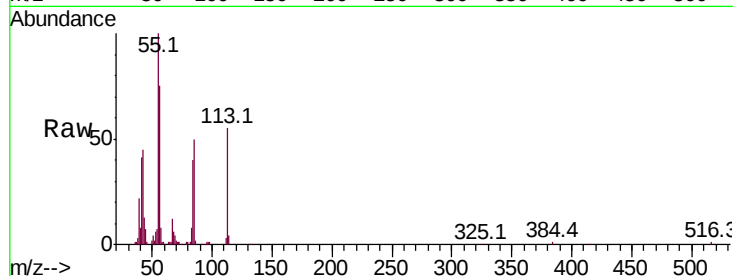
#35
 Caprolactam
 Concen: 38.489 ng/ml
 RT: 11.76 min Scan# 1476
 Delta R.T. -0.01 min
 Lab File: BG044921.D
 Acq: 20 Mar 2020 15:55

Instrument :
 BNA_G
 ClientSampleID :
 PB127705BSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	182.5	173.8	213.8
56	136.7	113.8	153.8

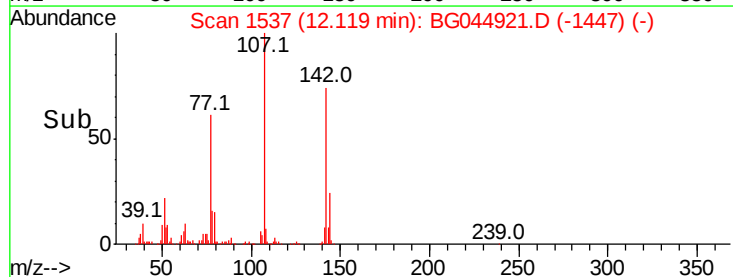
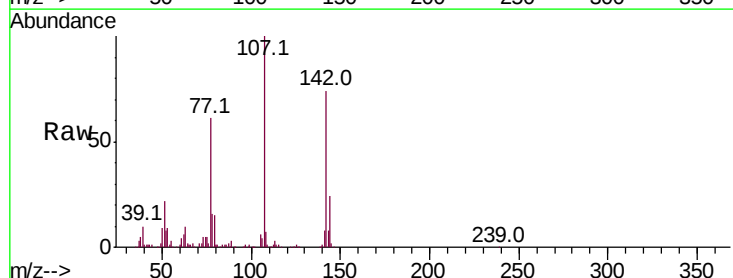
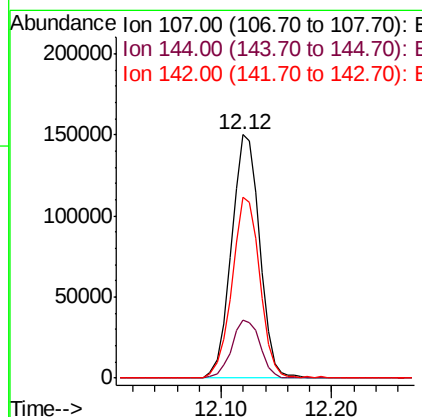
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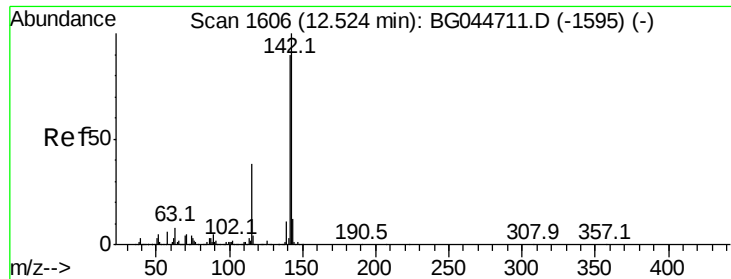
mohammad
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#36
 4-Chloro-3-methylphenol
 Concen: 40.689 ng/ml
 RT: 12.12 min Scan# 1537
 Delta R.T. -0.00 min
 Lab File: BG044921.D
 Acq: 20 Mar 2020 15:55

Tgt Ion	Ratio	Lower	Upper
107	100		
144	23.8	18.0	27.0
142	74.1	59.0	88.4





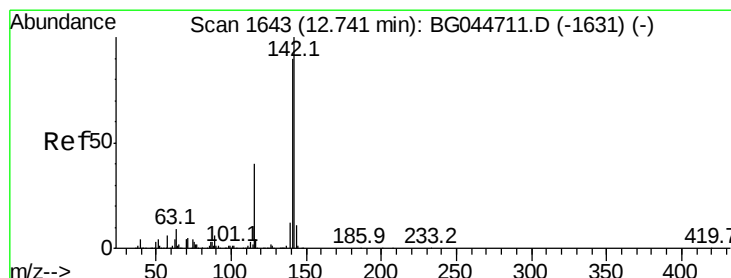
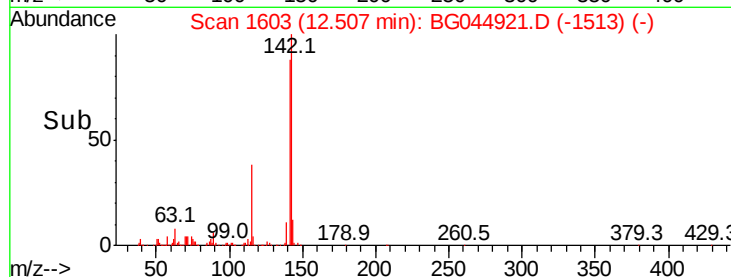
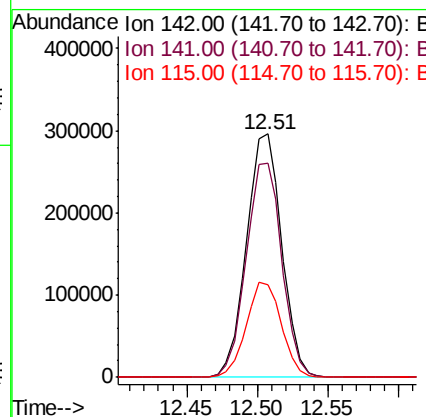
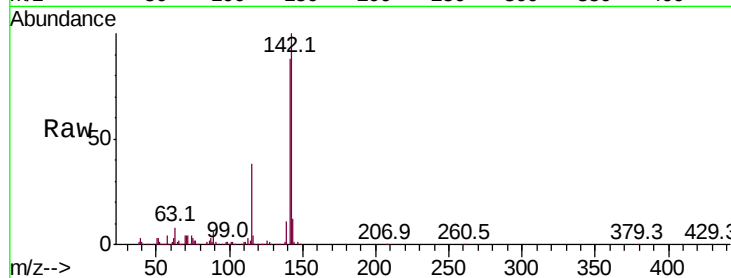
#37
 2-Methylnaphthalene
 Concen: 38.195 ng
 RT: 12.51 min Scan# 1603
 Delta R.T. -0.00 min
 Lab File: BG044921.D
 Acq: 20 Mar 2020 15:55

Instrument :
 BNA_G
 ClientSampleId :
 PB127705BSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.1	75.1	112.7
115	38.2	30.6	46.0

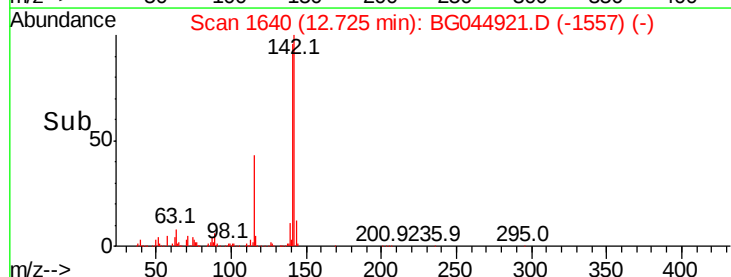
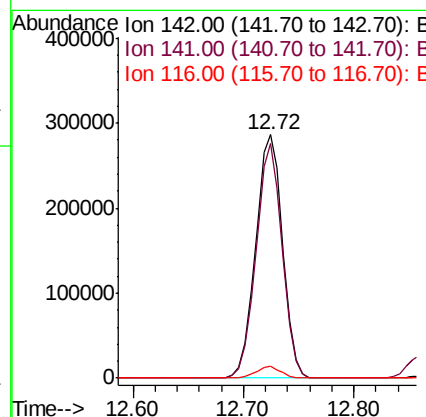
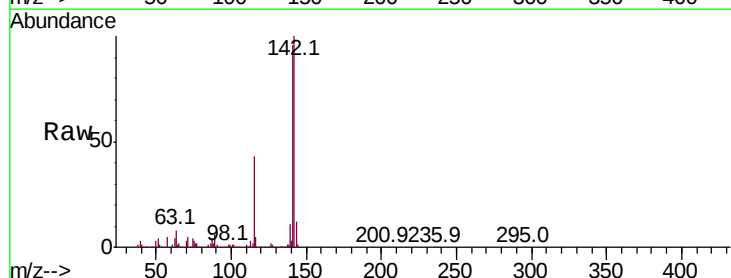
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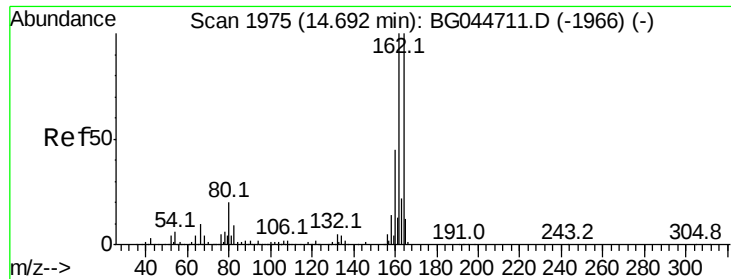
mohammad
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#38
 1-Methylnaphthalene
 Concen: 38.208 ng
 RT: 12.72 min Scan# 1640
 Delta R.T. -0.01 min
 Lab File: BG044921.D
 Acq: 20 Mar 2020 15:55

Tgt Ion	Ratio	Lower	Upper
142	100		
141	96.3	74.7	112.1
116	4.8	3.3	4.9





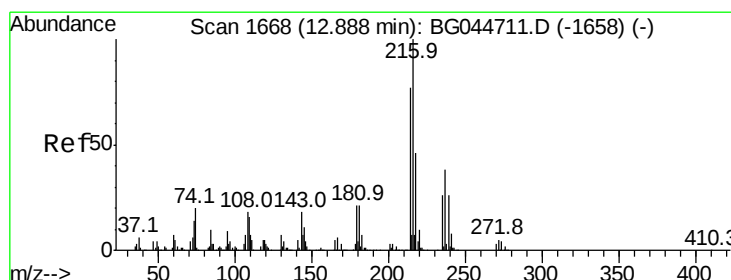
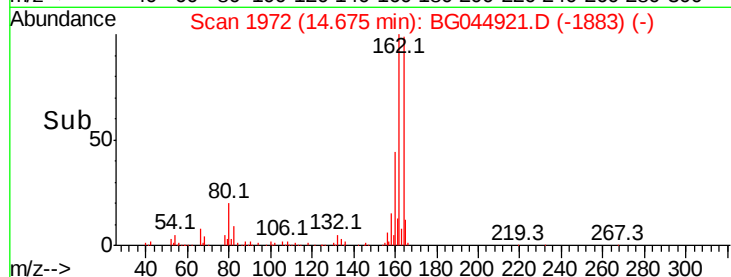
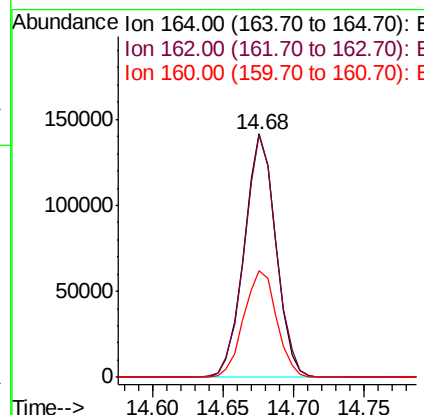
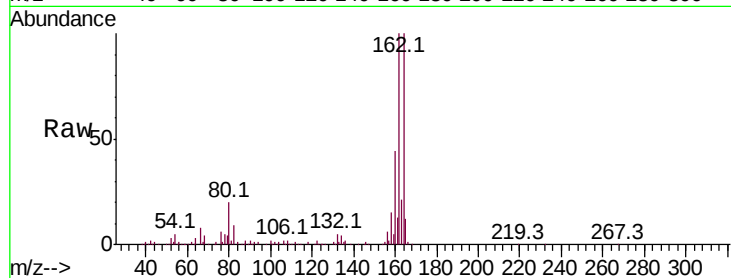
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1972
Delta R.T. -0.01 min
Lab File: BG044921.D
Acq: 20 Mar 2020 15:55

Instrument :
BNA_G
ClientSampleId :
PB127705BSD

Tot Ion	Ratio	Resp	Lower	Upper
164	100	221311		
162	99.5	76.7	115.1	
160	43.9	35.0	52.4	

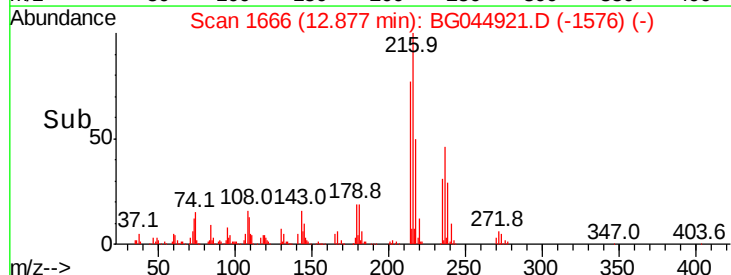
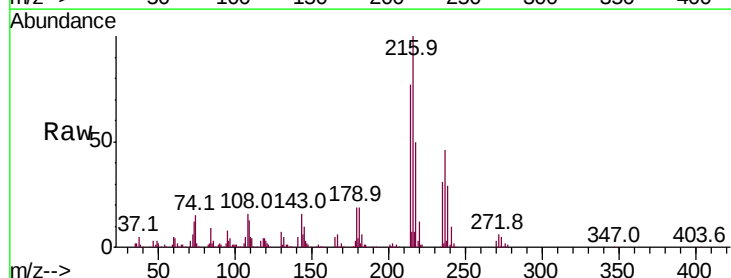
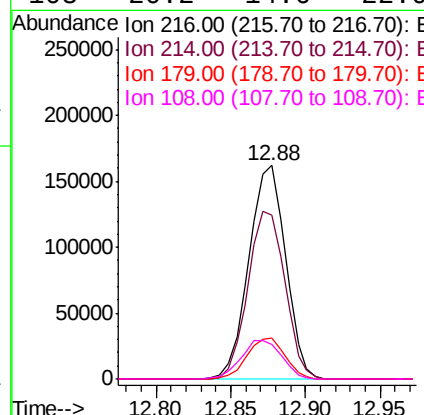
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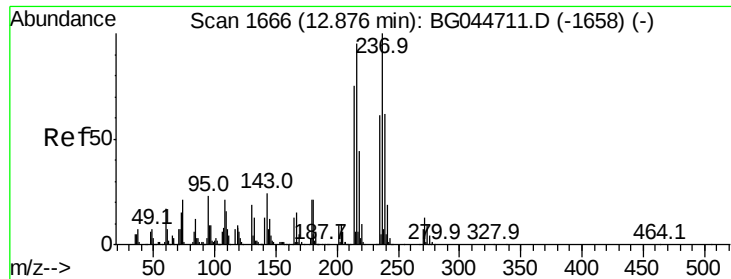
mohammad
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 37.831 ng
RT: 12.88 min Scan# 1666
Delta R.T. -0.00 min
Lab File: BG044921.D
Acq: 20 Mar 2020 15:55

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	275729		
214	79.1	63.8	95.6	
179	19.7	16.2	24.2	
108	20.2	14.6	22.0	





#41

Hexachlorocyclopentadiene

Concen: 95.586 ng

RT: 12.86 min Scan# 1663

Delta R.T. -0.01 min

Lab File: BG044921.D

Acq: 20 Mar 2020 15:55

Instrument :

BNA_G

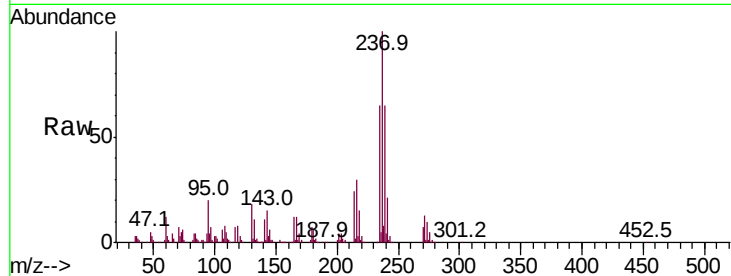
ClientSampleId :

PB127705BSD

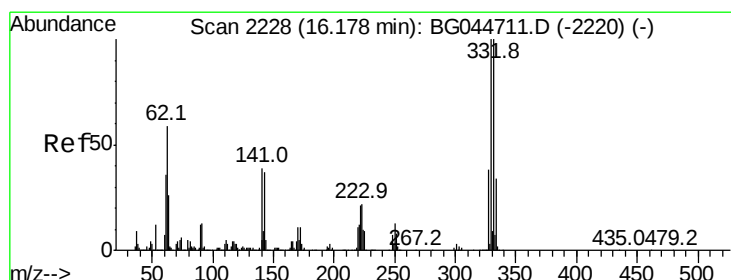
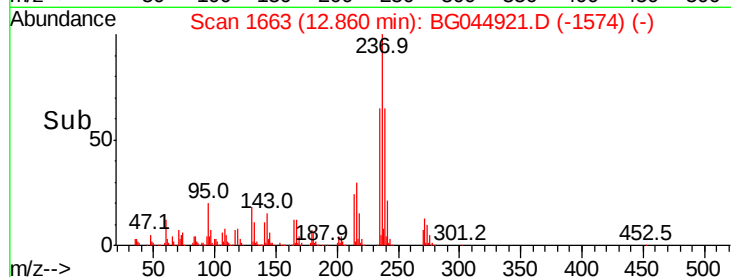
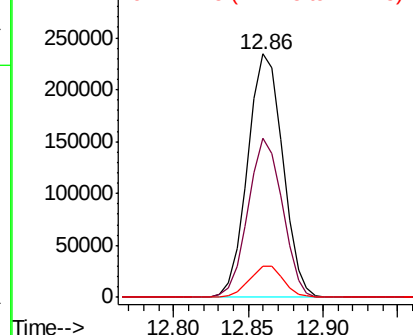
Tot Ion:	237	Resp:	380737
Ion Ratio	Lower	Upper	
237	100		
235	65.1	42.9	82.9
272	12.7	0.0	31.6

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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: 87.538 ng

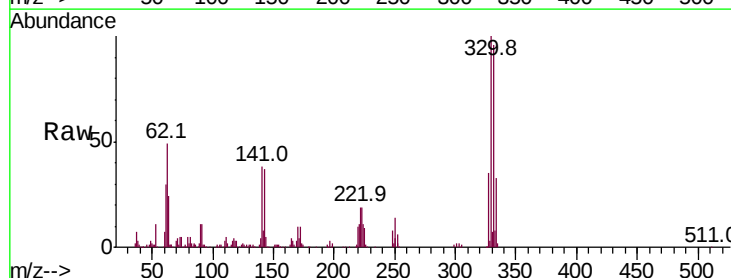
RT: 16.16 min Scan# 2225

Delta R.T. -0.01 min

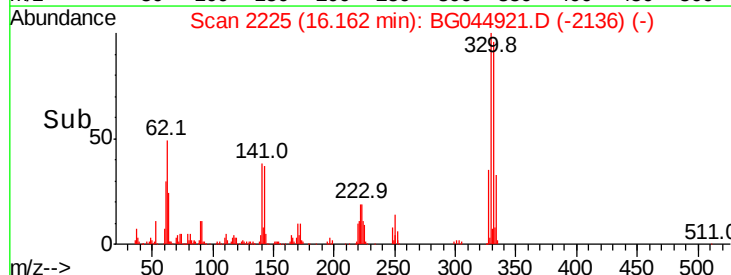
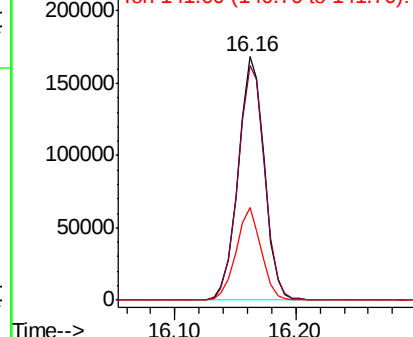
Lab File: BG044921.D

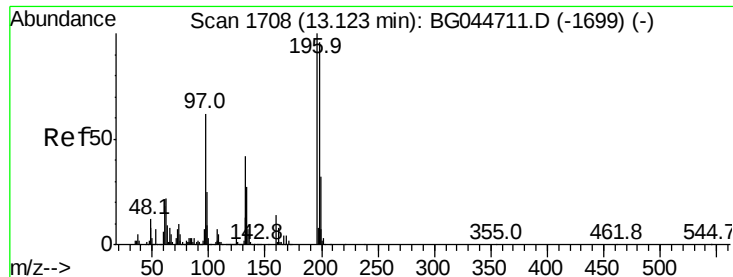
Acq: 20 Mar 2020 15:55

Tgt Ion:	330	Resp:	253661
Ion Ratio	Lower	Upper	
330	100		
332	98.2	77.8	116.6
141	36.5	29.5	44.3



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: 42.647 ng

RT: 13.11 min Scan# 1705

Delta R.T. -0.00 min

Lab File: BG044921.D

Acq: 20 Mar 2020 15:55

Instrument :

BNA_G

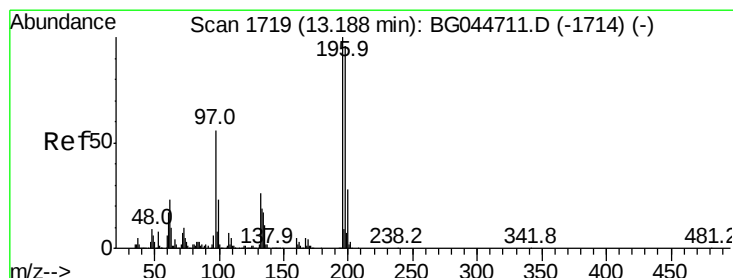
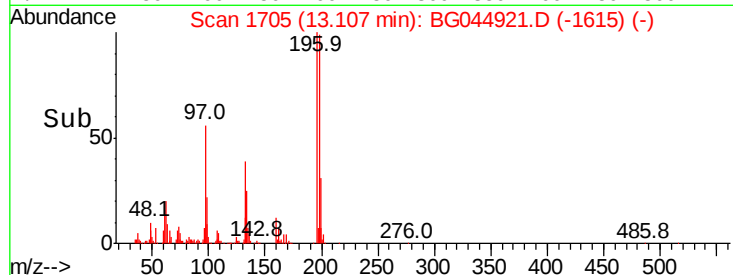
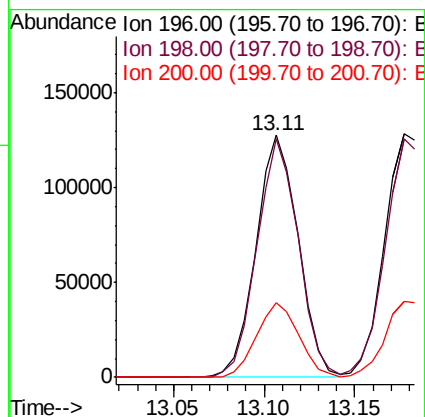
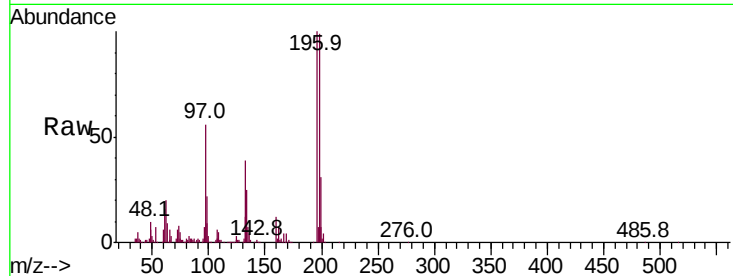
ClientSampleId :

PB127705BSD

Tot Ion:	196	Resp:	206283
Ion Ratio	Lower	Upper	
196	100		
198	98.8	74.9	112.3
200	30.9	25.8	38.6

Manual Integrations
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#44

2,4,5-Trichlorophenol

Concen: 44.166 ng

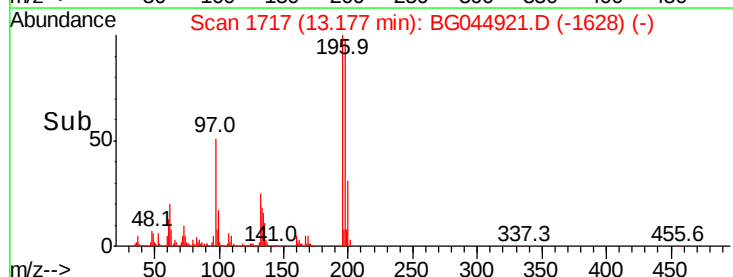
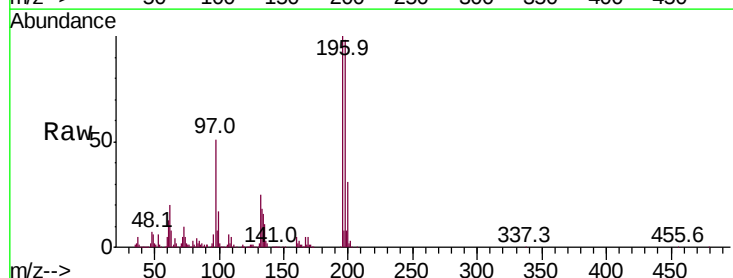
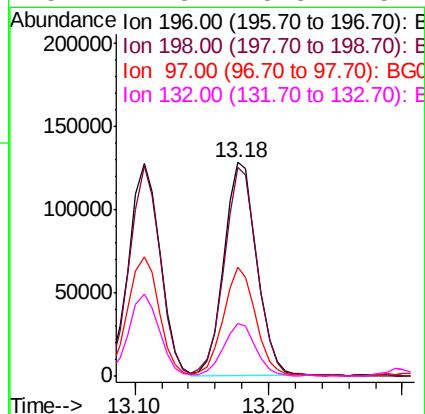
RT: 13.18 min Scan# 1717

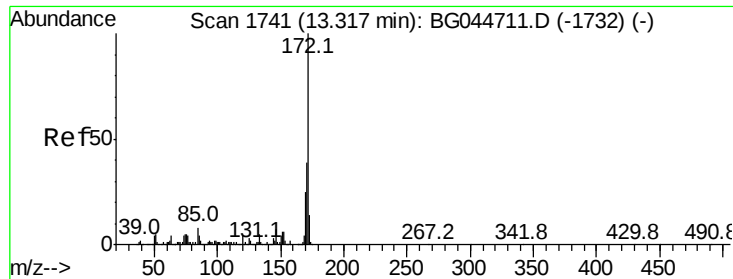
Delta R.T. -0.01 min

Lab File: BG044921.D

Acq: 20 Mar 2020 15:55

Tgt Ion:	196	Resp:	221547
Ion Ratio	Lower	Upper	
196	100		
198	97.8	74.2	111.4
97	50.7	36.7	55.1
132	24.8	18.8	28.2





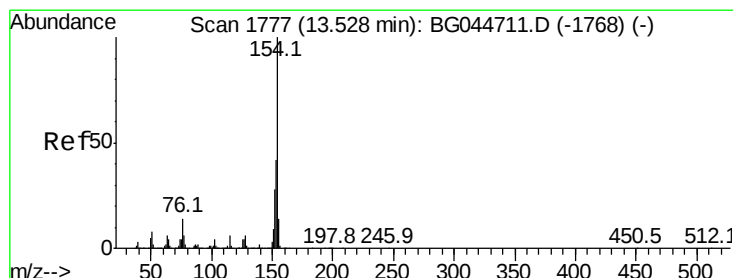
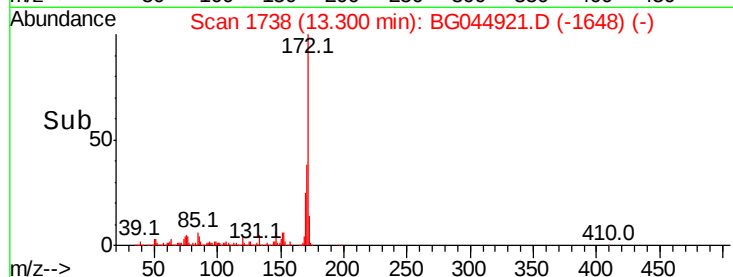
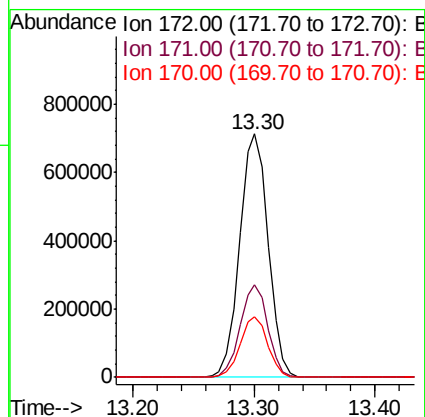
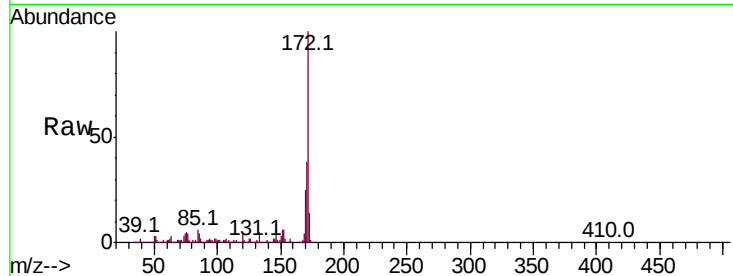
#45
2-Fluorobiphenyl
Concen: 75.726 ng
RT: 13.30 min Scan# 1738
Delta R.T. -0.00 min
Lab File: BG044921.D
Acq: 20 Mar 2020 15:55

Instrument :
BNA_G
ClientSampleId :
PB127705BSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.8	28.7	43.1
170	24.8	19.0	28.6

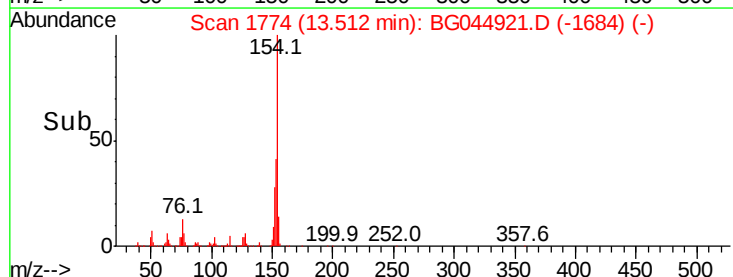
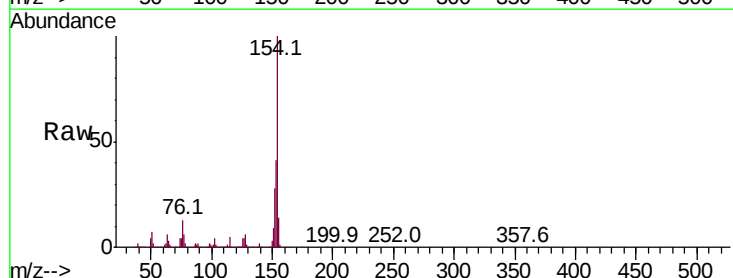
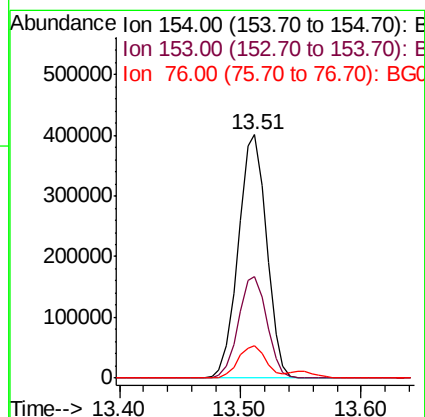
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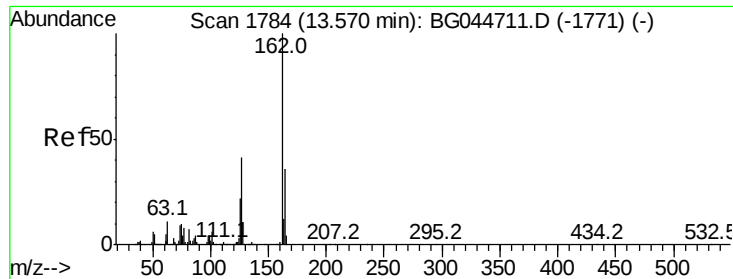
mohammad
3/23/2020 9:39:42 AM



#46
1,1'-Biphenyl
Concen: 37.002 ng
RT: 13.51 min Scan# 1774
Delta R.T. -0.00 min
Lab File: BG044921.D
Acq: 20 Mar 2020 15:55

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.5	22.9	62.9
76	13.3	0.0	34.6





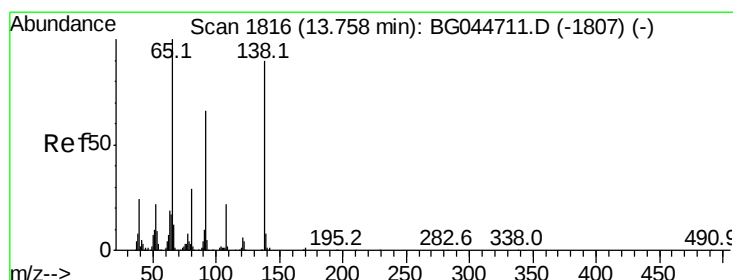
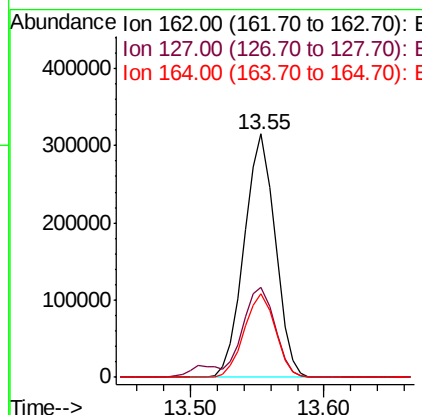
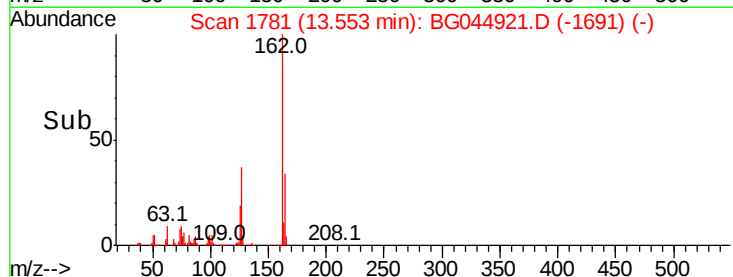
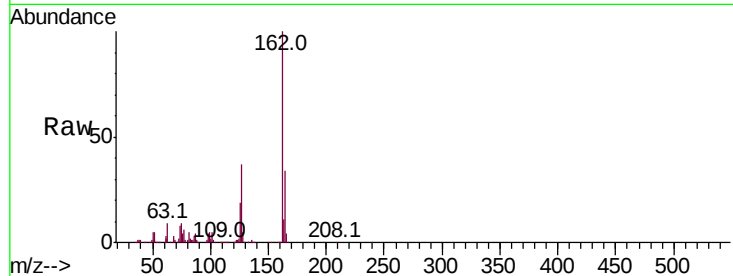
#47
2-Chloronaphthalene
Concen: 37.538 ng
RT: 13.55 min Scan# 1781
Delta R.T. -0.00 min
Lab File: BG044921.D
Acq: 20 Mar 2020 15:55

Instrument :
BNA_G
ClientSampleId :
PB127705BSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	36.9	33.1	49.7
164	34.3	27.4	41.2

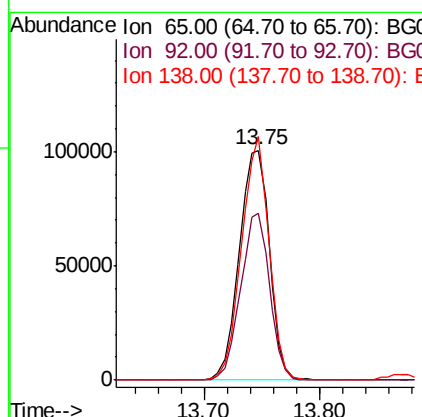
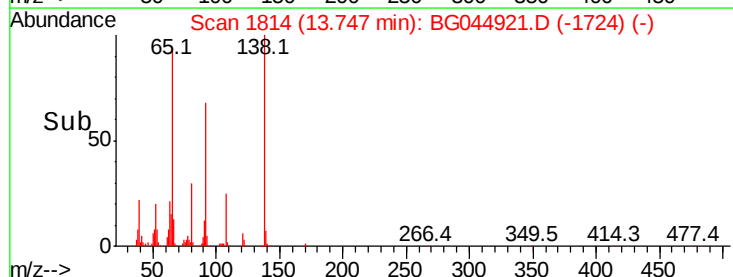
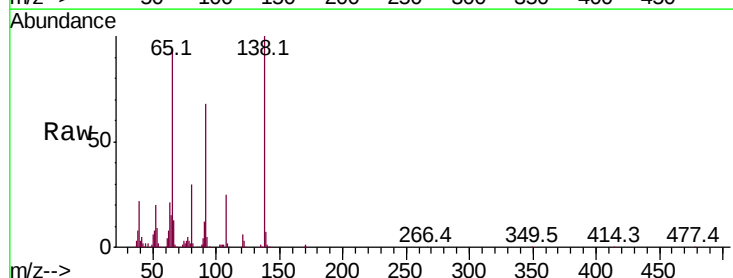
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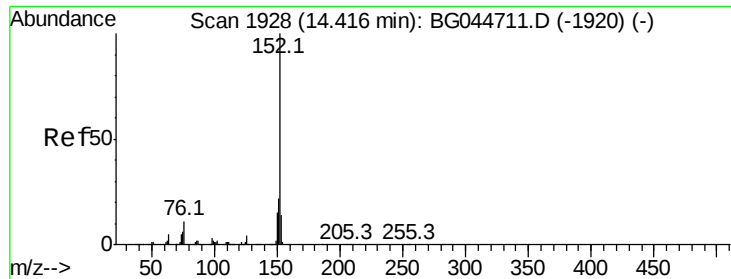
mohammad
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#48
2-Nitroaniline
Concen: 38.386 ng
RT: 13.75 min Scan# 1814
Delta R.T. -0.00 min
Lab File: BG044921.D
Acq: 20 Mar 2020 15:55

Tgt Ion	Ratio	Lower	Upper
65	100		
92	72.5	52.6	79.0
138	106.1	78.3	117.5





#49

Acenaphthylene

Concen: 39.410 ng

RT: 14.40 min Scan# 1925

Delta R.T. -0.00 min

Lab File: BG044921.D

Acq: 20 Mar 2020 15:55

Instrument :

BNA_G

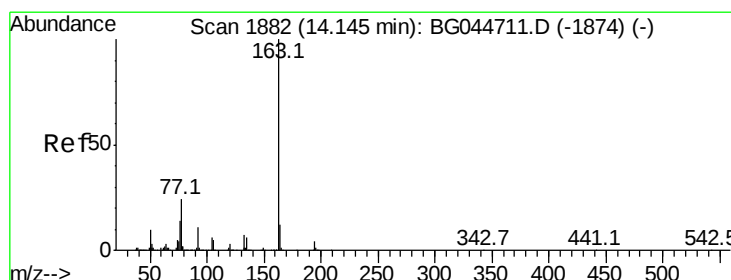
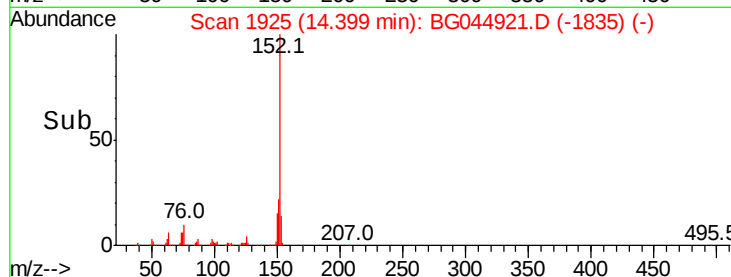
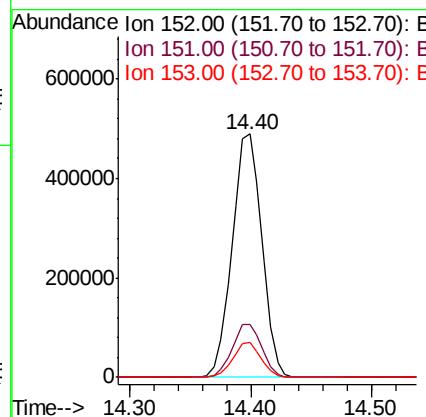
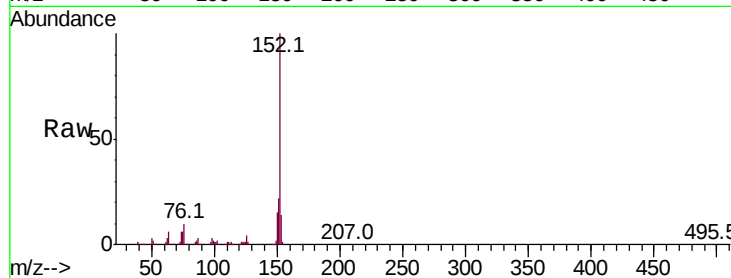
ClientSampleId :

PB127705BSD

Tot Ion	Ratio	Lower	Upper
152	100		
151	21.8	16.8	25.2
153	14.2	10.8	16.2

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#50

Dimethylphthalate

Concen: 38.608 ng

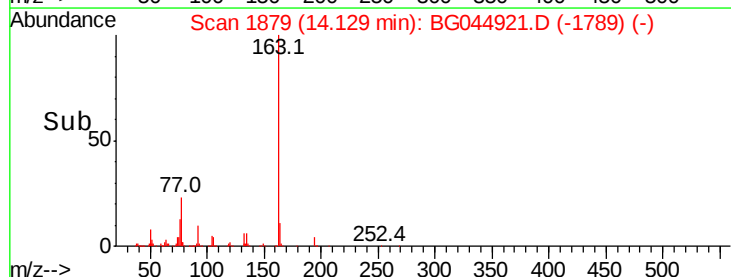
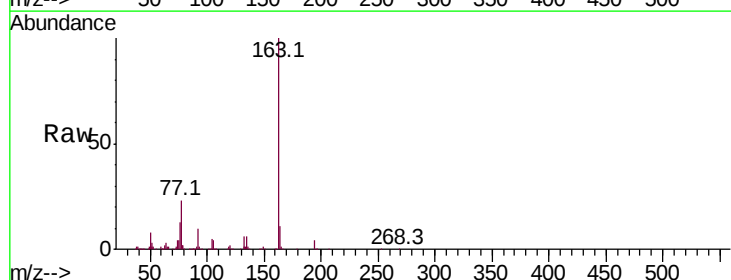
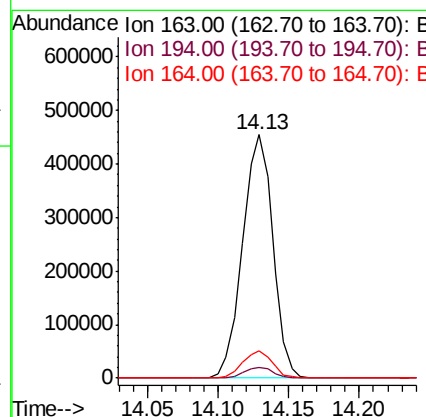
RT: 14.13 min Scan# 1879

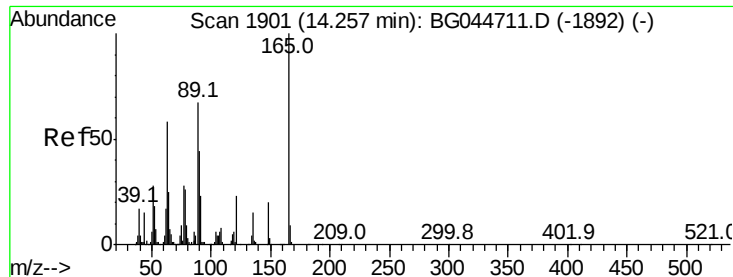
Delta R.T. -0.00 min

Lab File: BG044921.D

Acq: 20 Mar 2020 15:55

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.7	5.5
164	11.4	9.1	13.7





#51

2,6-Dinitrotoluene

Concen: 43.407 ng

RT: 14.24 min Scan# 1898

Delta R.T. -0.00 min

Lab File: BG044921.D

Acq: 20 Mar 2020 15:55

Instrument :

BNA_G

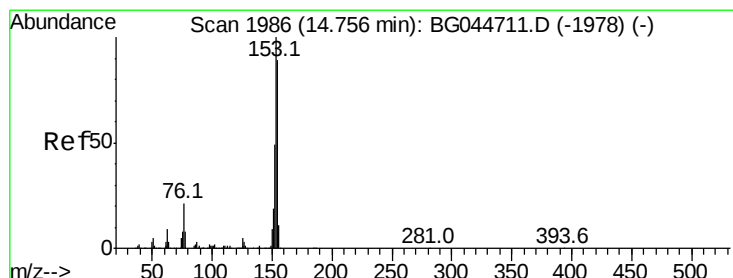
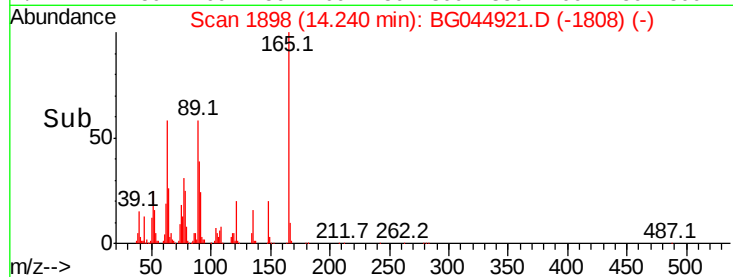
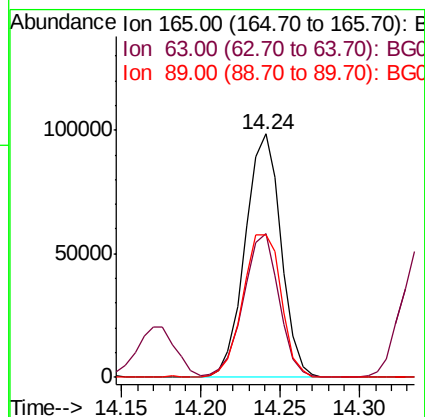
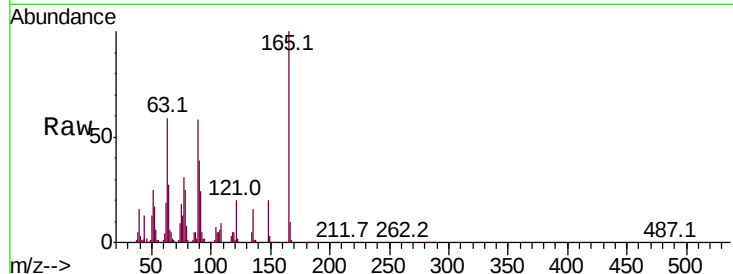
ClientSampleId :

PB127705BSD

Tot Ion:	165	Resp:	154221
Ion Ratio	Lower	Upper	
165	100		
63	59.3	45.8	68.8
89	58.4	51.8	77.6

Manual Integrations
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#52

Acenaphthene

Concen: 43.284 ng

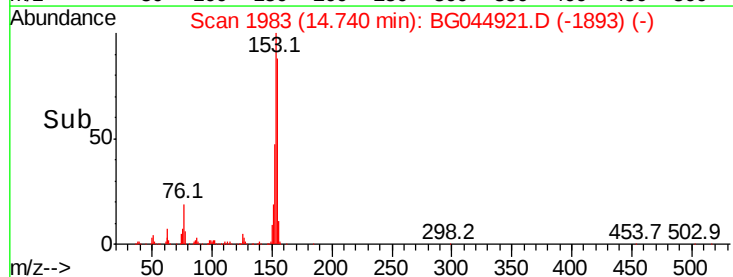
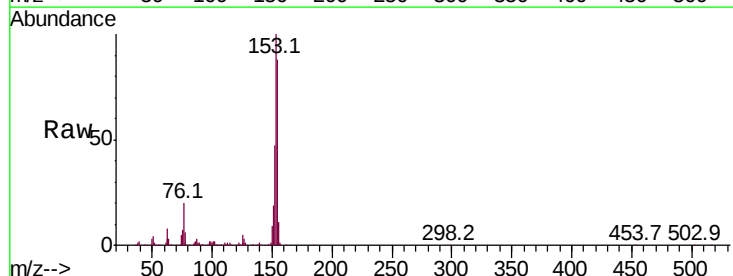
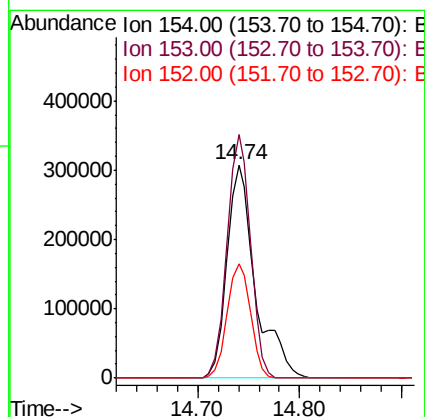
RT: 14.74 min Scan# 1983

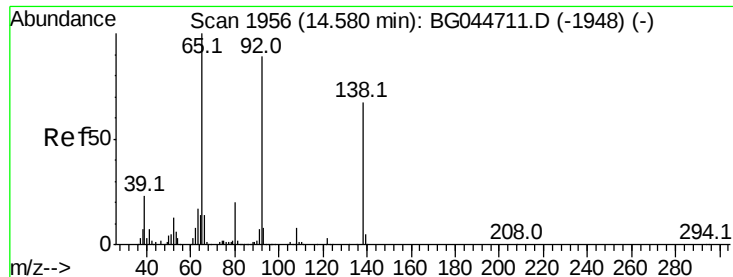
Delta R.T. -0.00 min

Lab File: BG044921.D

Acq: 20 Mar 2020 15:55

Tgt Ion:	154	Resp:	599979
Ion Ratio	Lower	Upper	
154	100		
153	114.1	89.0	133.6
152	53.4	43.0	64.6





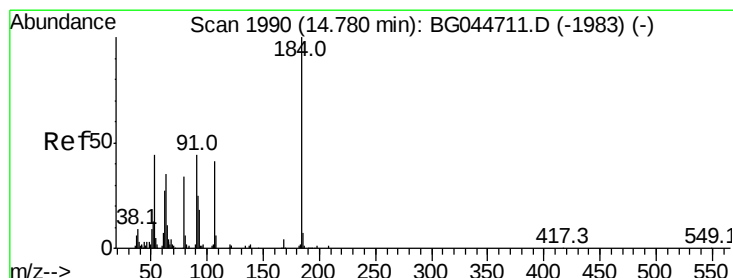
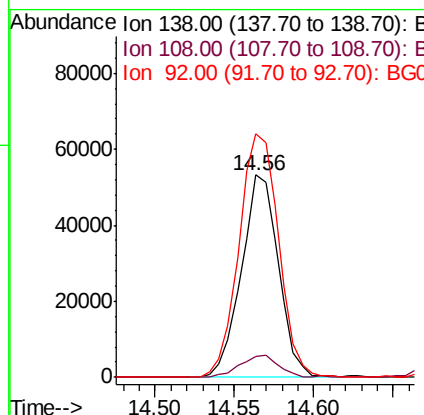
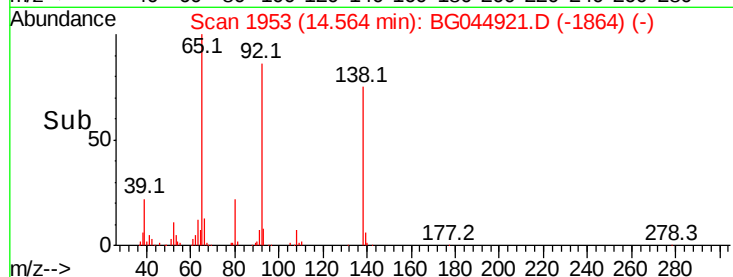
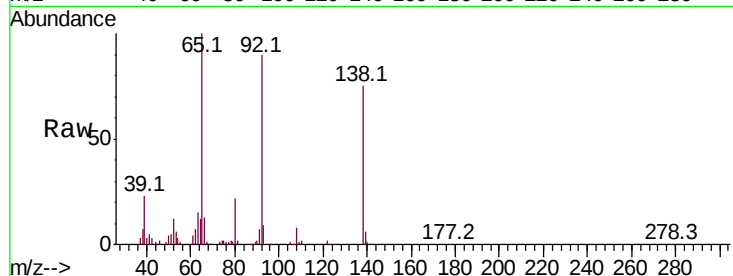
#53
 3-Nitroaniline
 Concen: 21.152 ng
 RT: 14.56 min Scan# 1953
 Delta R.T. -0.01 min
 Lab File: BG044921.D
 Acq: 20 Mar 2020 15:55

Instrument :
 BNA_G
 ClientSampleId :
 PB127705BSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.4	9.0	13.4
92	120.3	96.8	145.2

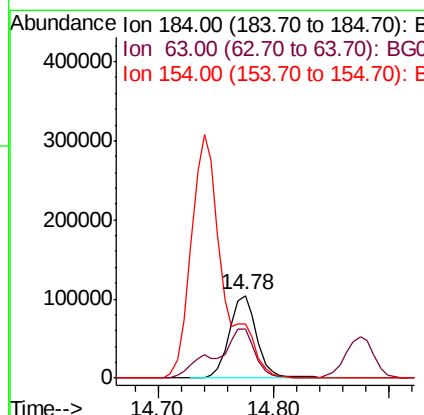
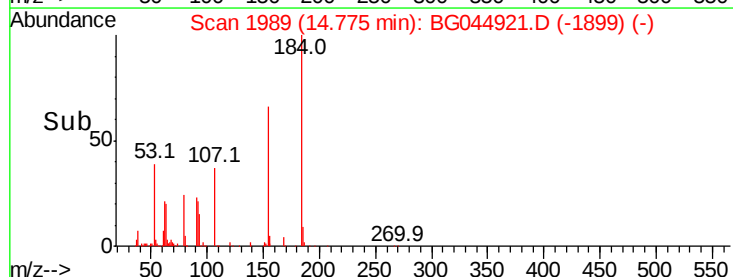
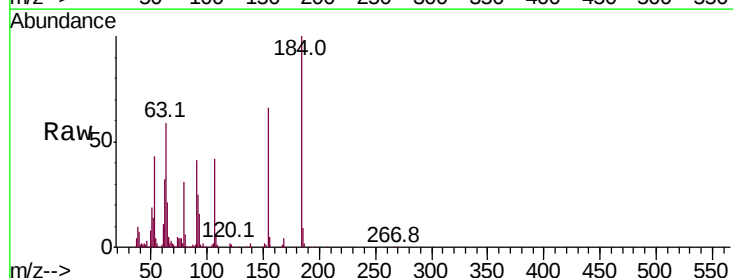
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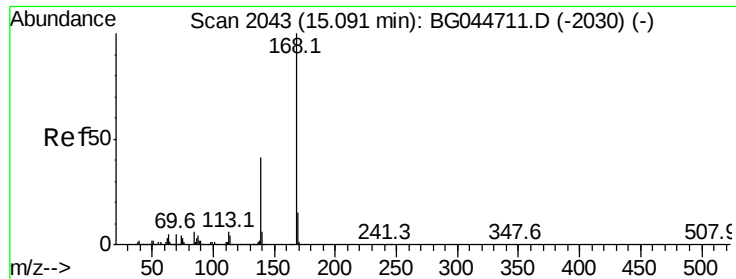
mohammad
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#54
 2,4-Dinitrophenol
 Concen: 90.856 ng
 RT: 14.78 min Scan# 1989
 Delta R.T. -0.00 min
 Lab File: BG044921.D
 Acq: 20 Mar 2020 15:55

Tgt Ion	Ratio	Lower	Upper
184	100		
63	58.8	45.5	68.3
154	65.7	49.1	73.7





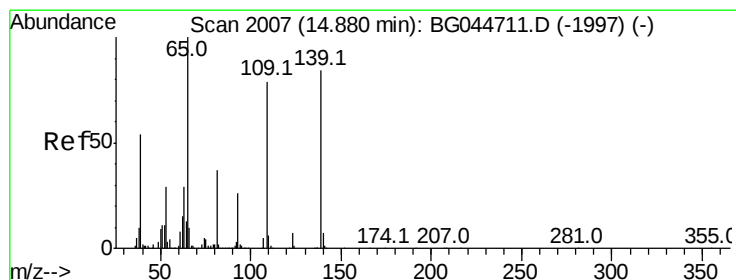
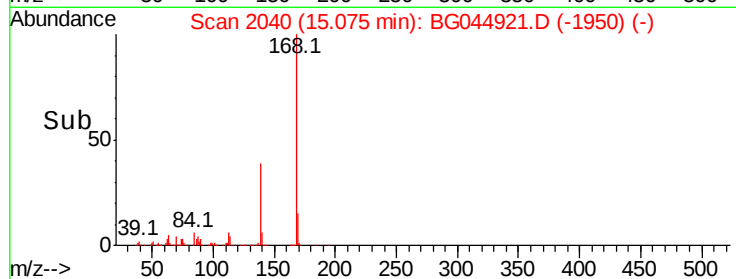
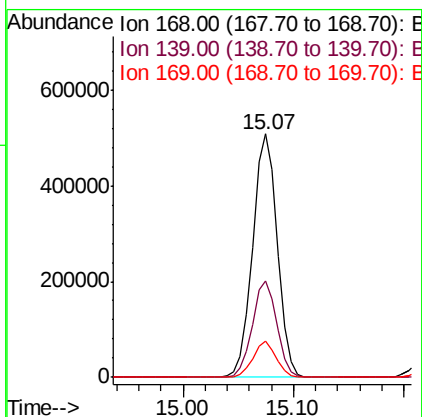
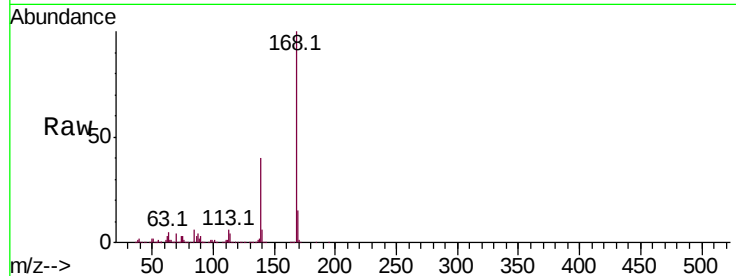
#55
Dibenzenofuran
Concen: 39.462 ng
RT: 15.07 min Scan# 2040
Delta R.T. -0.00 min
Lab File: BG044921.D
Acq: 20 Mar 2020 15:55

Instrument :
BNA_G
ClientSampleId :
PB127705BSD

Tot Ion	Ratio	Resp	Lower	Upper
168	100	793237		
139	39.5		31.4	47.0
169	14.6		11.1	16.7

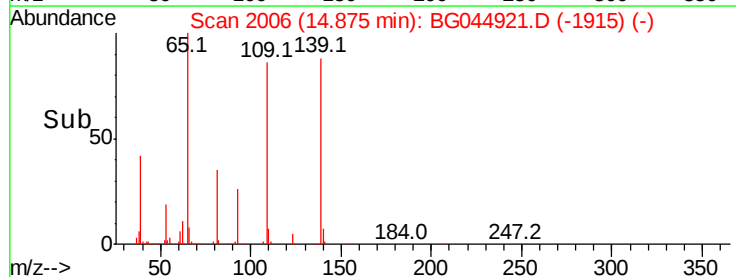
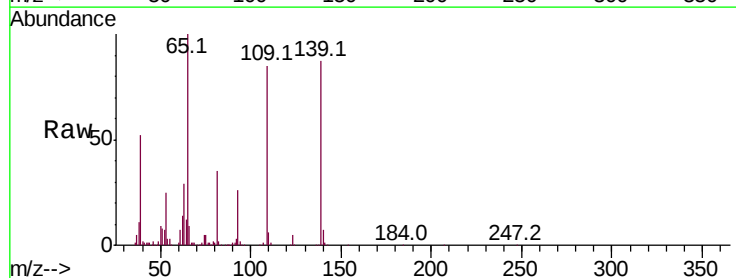
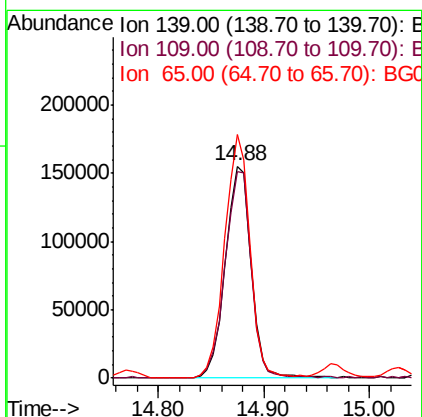
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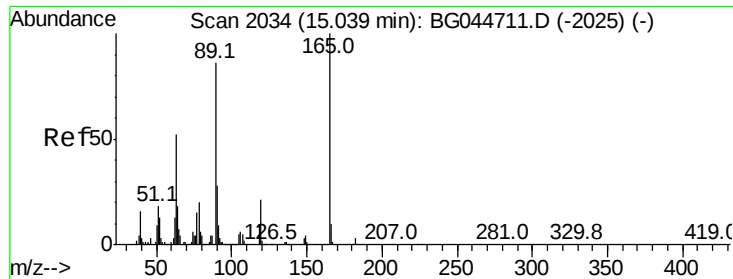
mohammad
3/23/2020 9:39:42 AM



#56
4-Nitrophenol
Concen: 84.057 ng
RT: 14.88 min Scan# 2006
Delta R.T. 0.00 min
Lab File: BG044921.D
Acq: 20 Mar 2020 15:55

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	262044		
109	97.6		68.8	108.8
65	115.0		92.5	132.5





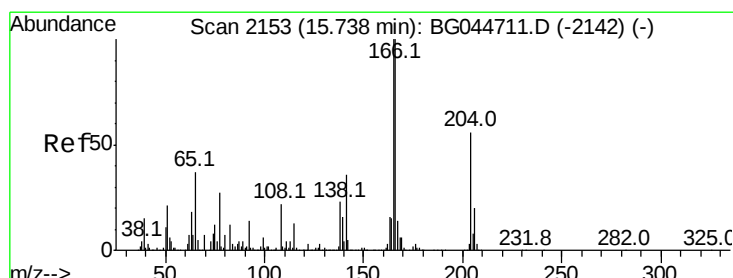
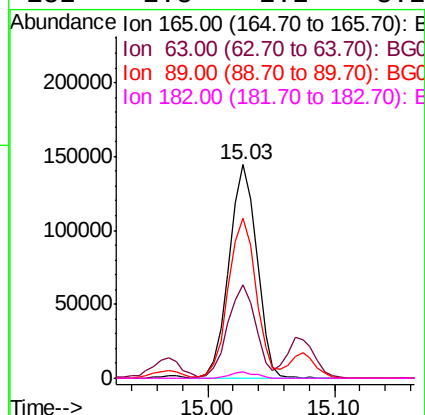
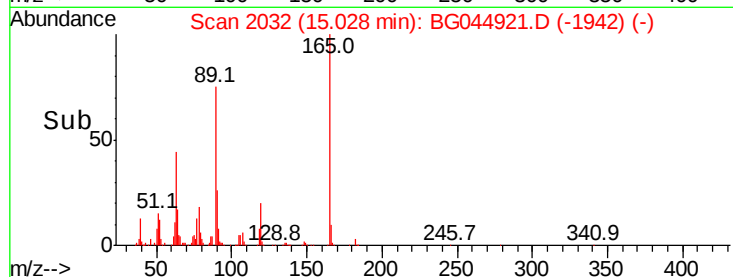
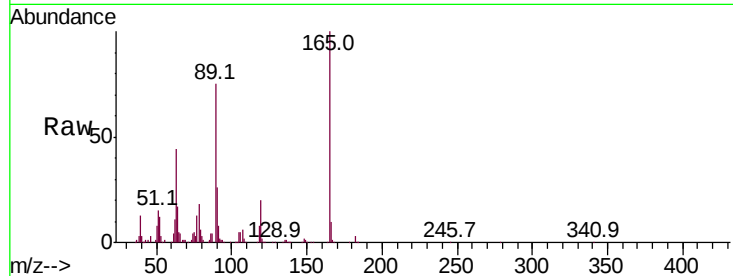
#57
2,4-Dinitrotoluene
Concen: 44.884 ng
RT: 15.03 min Scan# 2032
Delta R.T. -0.00 min
Lab File: BG044921.D
Acq: 20 Mar 2020 15:55

Instrument :
BNA_G
ClientSampleId :
PB127705BSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	43.8	34.6	52.0	
89	74.7	61.3	91.9	
182	2.8	2.2	3.2	

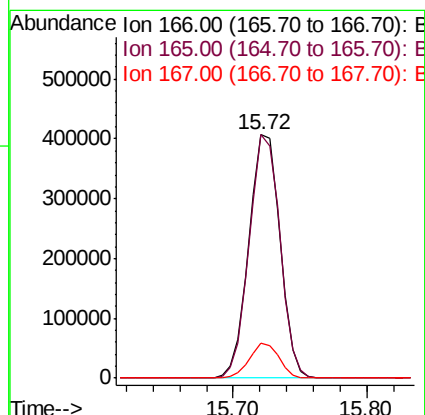
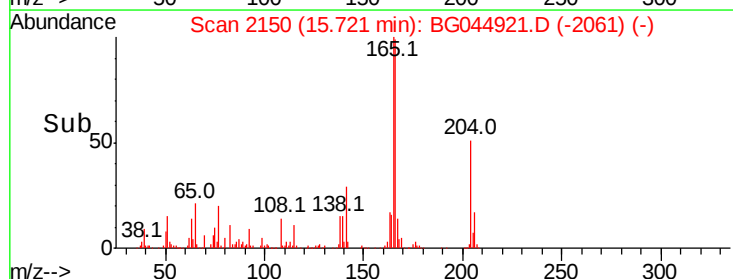
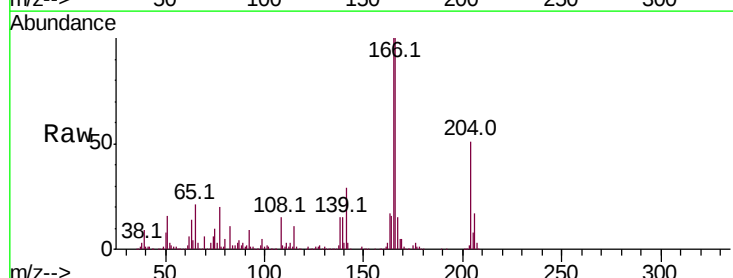
Manual Integrations
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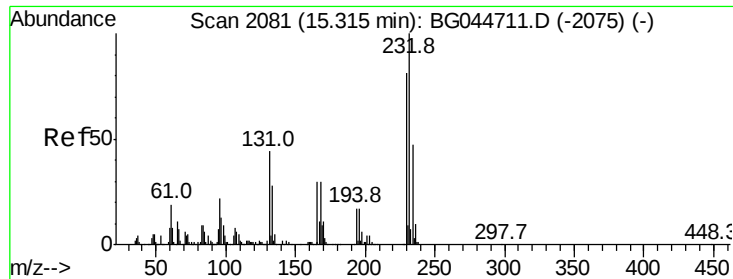
mohammad
3/23/2020 9:39:42 AM



#58
Fluorene
Concen: 39.561 ng
RT: 15.72 min Scan# 2150
Delta R.T. -0.01 min
Lab File: BG044921.D
Acq: 20 Mar 2020 15:55

Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	99.8	79.7	119.5	
167	14.5	10.6	16.0	





#59

2,3,4,6-Tetrachlorophenol

Concen: 45.452 ng/ml

RT: 15.30 min Scan# 2078

Delta R.T. -0.01 min

Lab File: BG044921.D

Acq: 20 Mar 2020 15:55

Instrument :

BNA_G

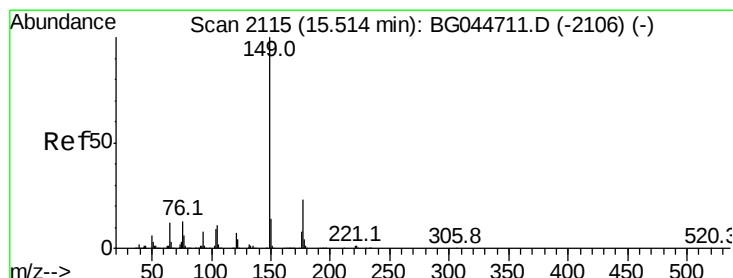
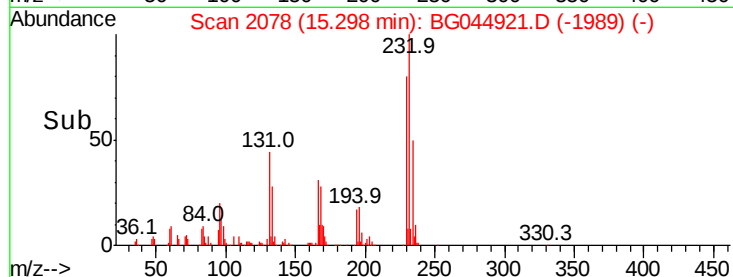
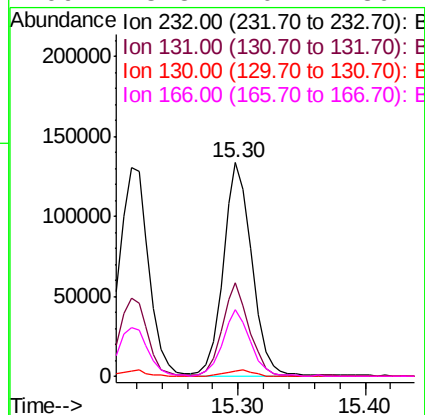
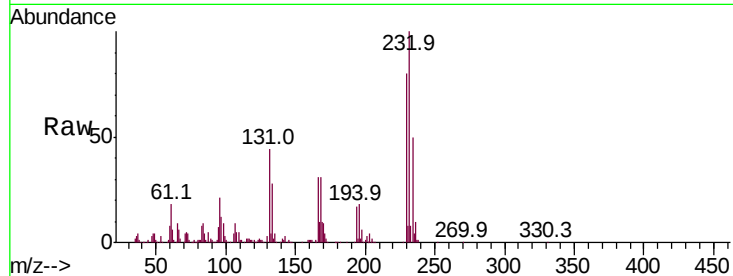
ClientSampleId :

PB127705BSD

Tot Ion	Ratio	Resp	Lower	Upper
232	100	209910		
131	36.9	31.8	47.8	
130	2.6	2.2	3.2	
166	23.8	20.2	30.2	

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#60

Diethylphthalate

Concen: 37.850 ng/ml

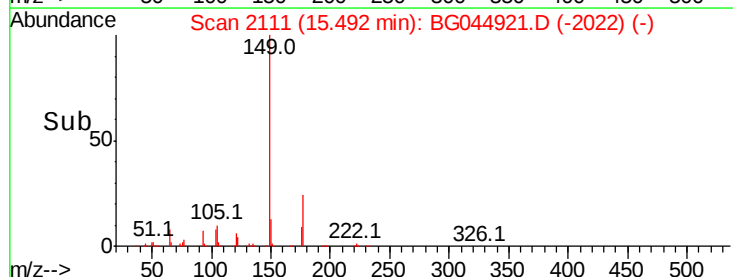
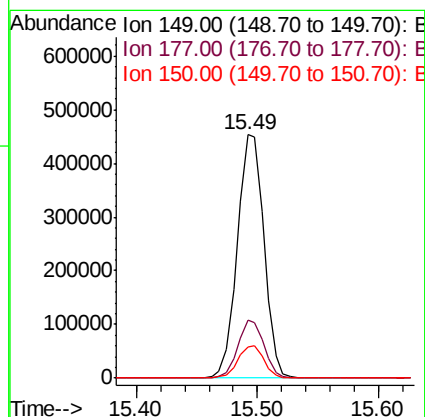
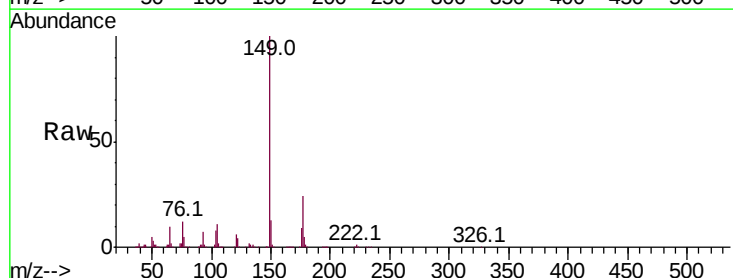
RT: 15.49 min Scan# 2111

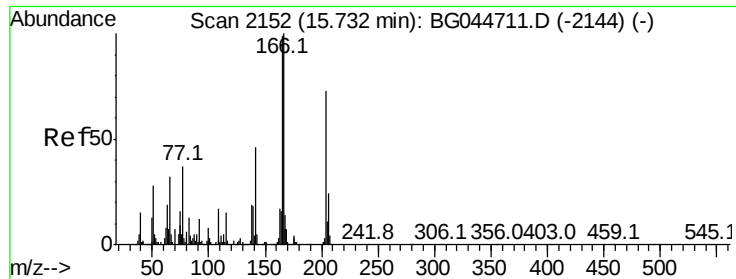
Delta R.T. -0.01 min

Lab File: BG044921.D

Acq: 20 Mar 2020 15:55

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	695849		
177	24.0	19.3	28.9	
150	12.7	11.0	16.6	





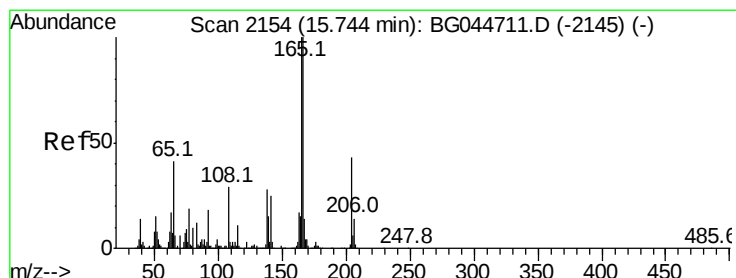
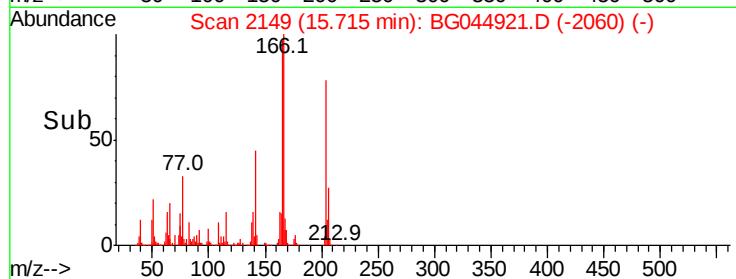
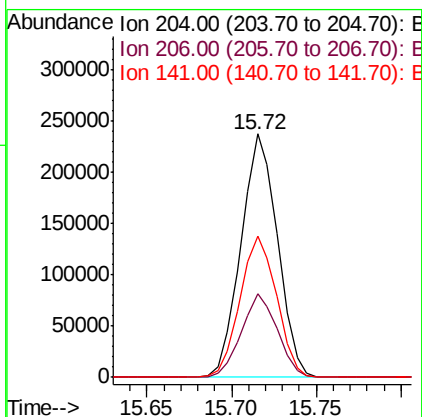
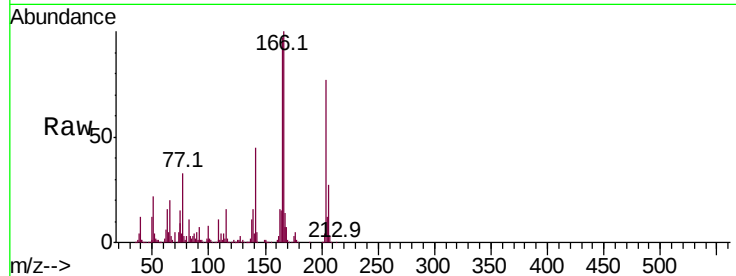
#61
4-Chlorophenyl-phenylether
Concen: 40.178 ng
RT: 15.72 min Scan# 2149
Delta R.T. -0.01 min
Lab File: BG044921.D
Acq: 20 Mar 2020 15:55

Instrument :
BNA_G
ClientSampleId :
PB127705BSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	34.6	26.2	39.2
141	58.2	47.7	71.5

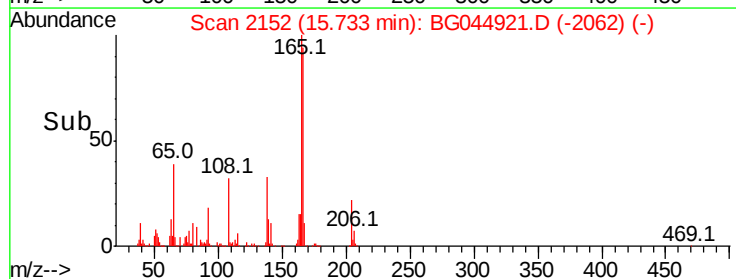
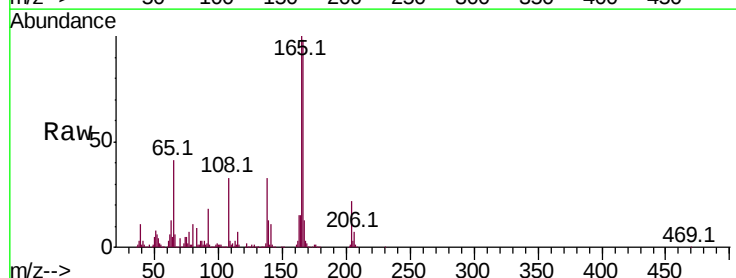
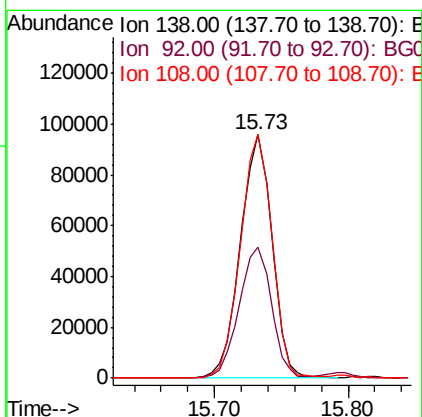
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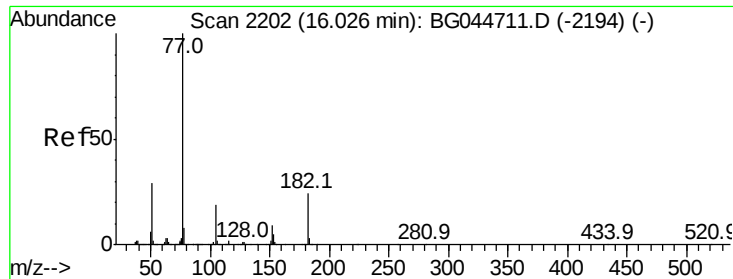
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#62
4-Nitroaniline
Concen: 36.137 ng
RT: 15.73 min Scan# 2152
Delta R.T. -0.00 min
Lab File: BG044921.D
Acq: 20 Mar 2020 15:55

Tgt Ion	Ratio	Lower	Upper
138	100		
92	53.9	34.5	74.5
108	100.1	74.5	114.5





#63

Azobenzene

Concen: 36.177 ng

RT: 16.01 min Scan# 2199

Delta R.T. -0.01 min

Lab File: BG044921.D

Acq: 20 Mar 2020 15:55

Instrument :

BNA_G

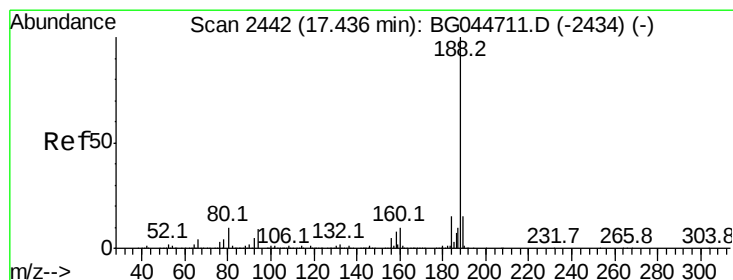
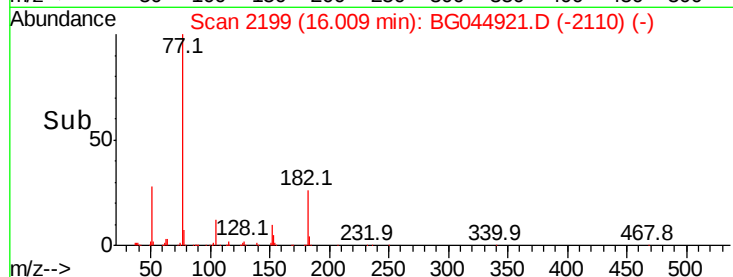
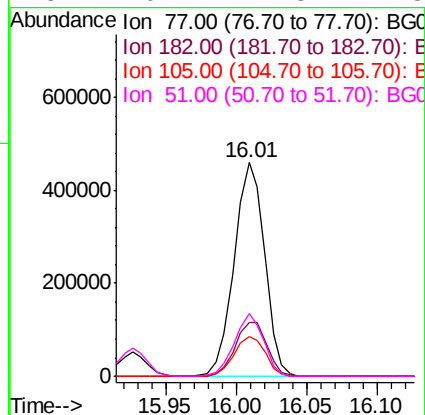
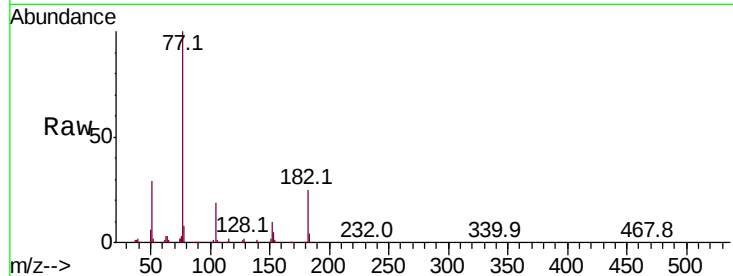
ClientSampleId :

PB127705BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		690654		
182	25.2	6.4	46.4		
105	18.8	0.0	39.1		
51	29.1	7.3	47.3		

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#64

Phenanthrene-d10

Concen: 20.000 ng

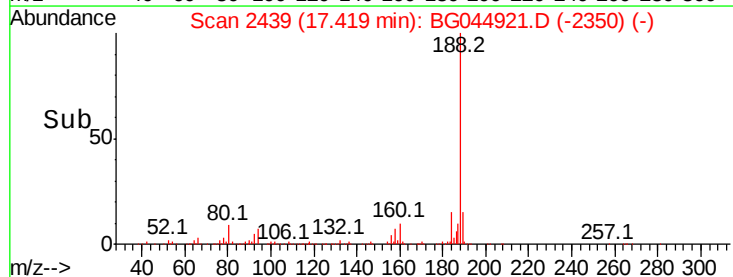
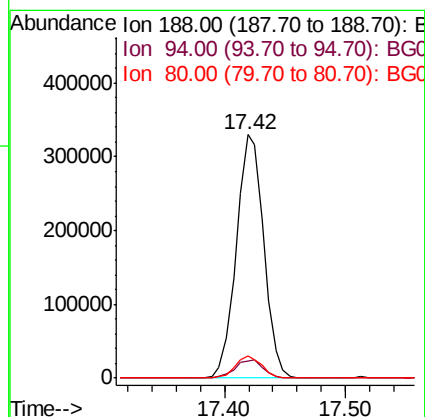
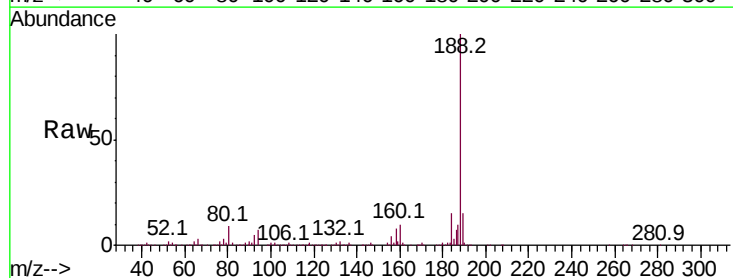
RT: 17.42 min Scan# 2439

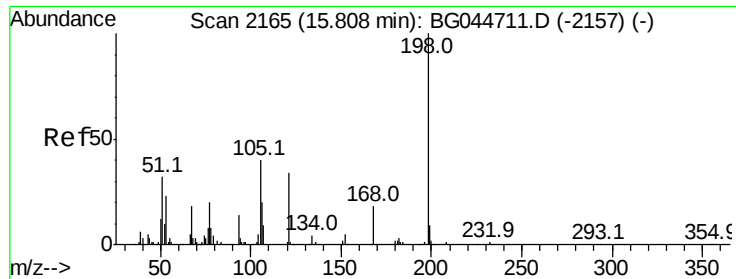
Delta R.T. -0.01 min

Lab File: BG044921.D

Acq: 20 Mar 2020 15:55

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		522239		
94	7.2	7.3	10.9#		
80	9.3	8.0	12.0		





#65

4,6-Dinitro-2-methylphenol

Concen: 50.187 ng

RT: 15.80 min Scan# 2163

Delta R.T. 0.00 min

Lab File: BG044921.D

Acq: 20 Mar 2020 15:55

Instrument :

BNA_G

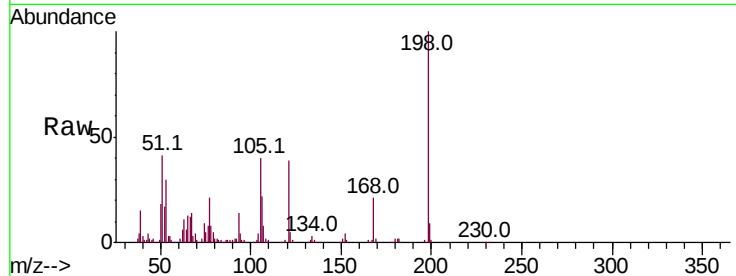
ClientSampleId :

PB127705BSD

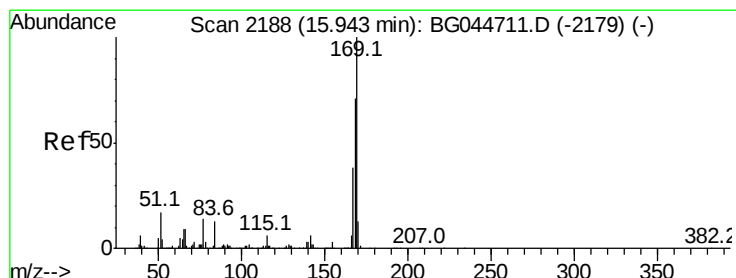
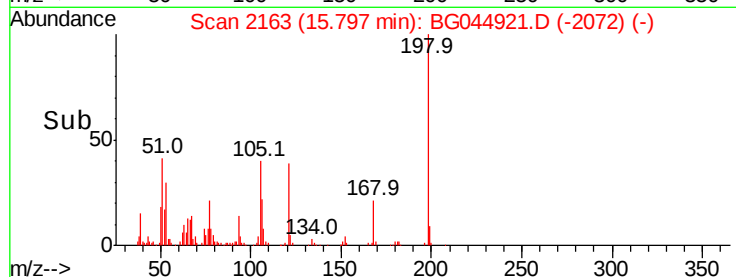
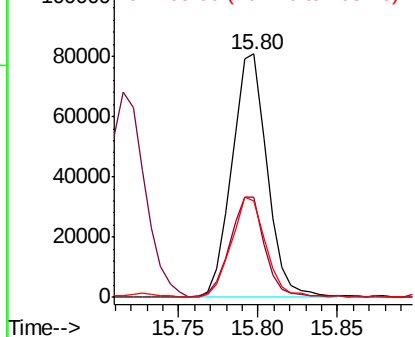
Tot Ion:	198	Resp:	124370
Ion Ratio	Lower	Upper	
198	100		
51	41.1	21.1	61.1
105	39.8	24.5	64.5

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



#66

n-Nitrosodiphenylamine

Concen: 37.971 ng

RT: 15.93 min Scan# 2185

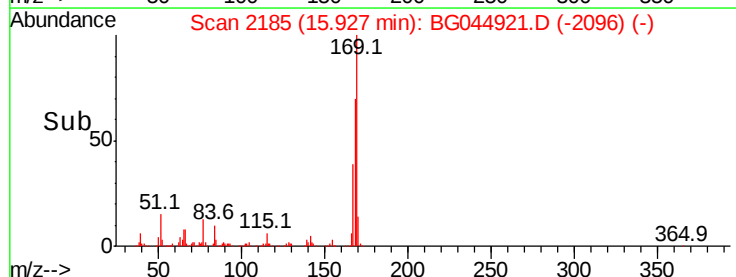
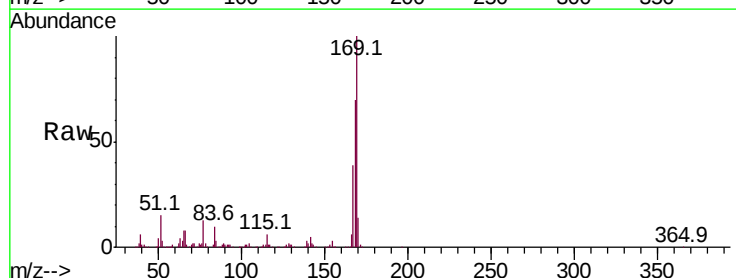
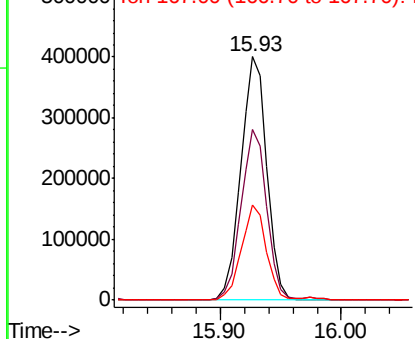
Delta R.T. -0.01 min

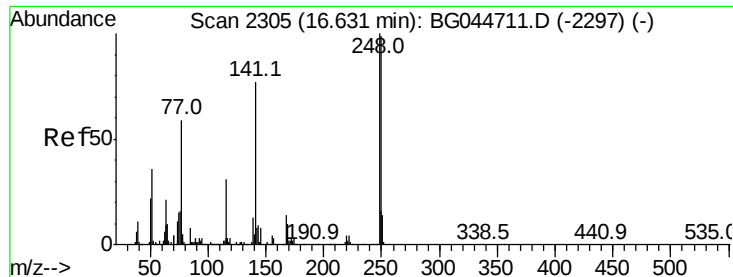
Lab File: BG044921.D

Acq: 20 Mar 2020 15:55

Tgt Ion:	169	Resp:	597019
Ion Ratio	Lower	Upper	
169	100		
168	70.1	55.4	83.2
167	39.0	30.1	45.1

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





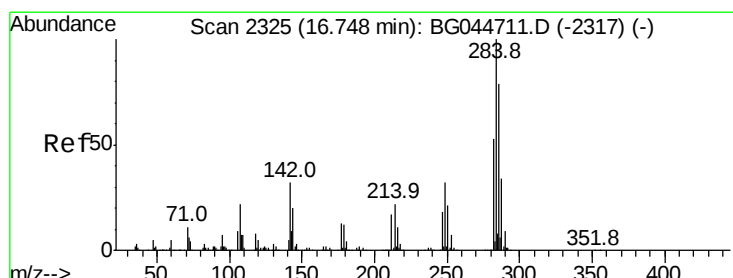
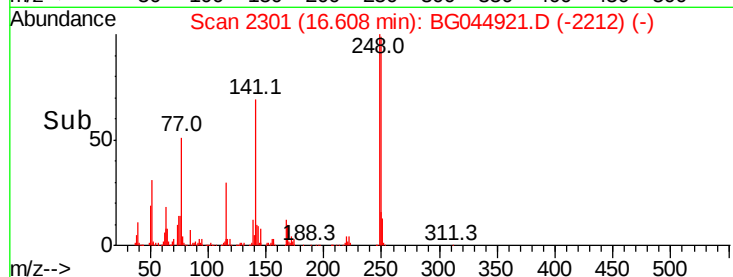
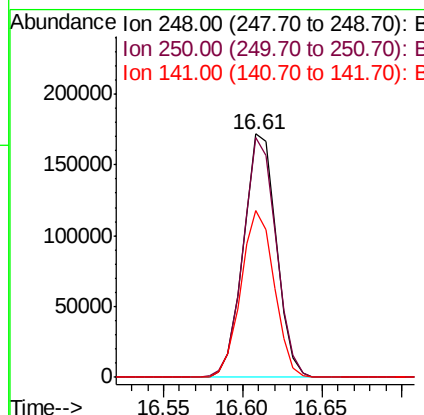
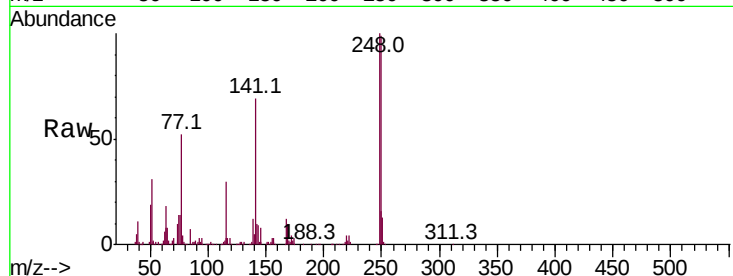
#67
4-Bromophenyl-phenylether
Concen: 37.944 ng
RT: 16.61 min Scan# 2301
Delta R.T. -0.01 min
Lab File: BG044921.D
Acq: 20 Mar 2020 15:55

Instrument :
BNA_G
ClientSampleId :
PB127705BSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.5	77.9	116.9
141	68.6	57.5	86.3

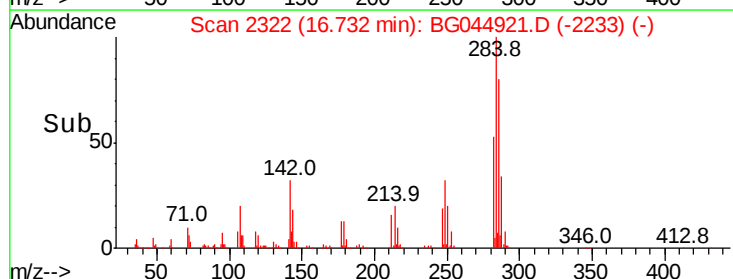
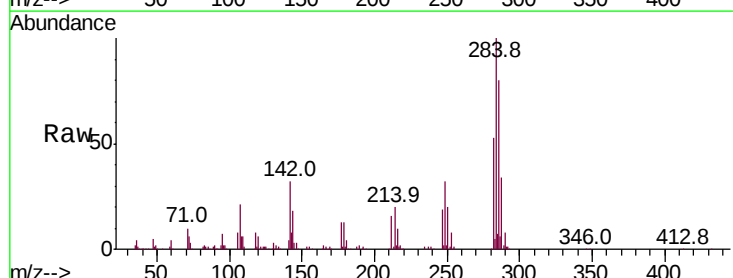
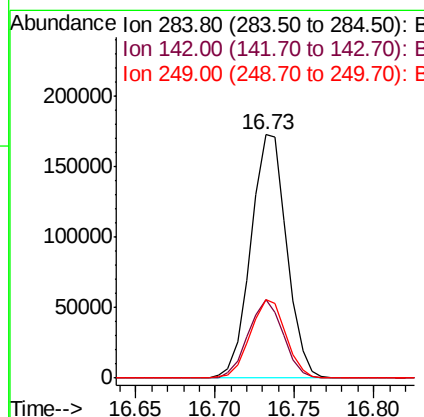
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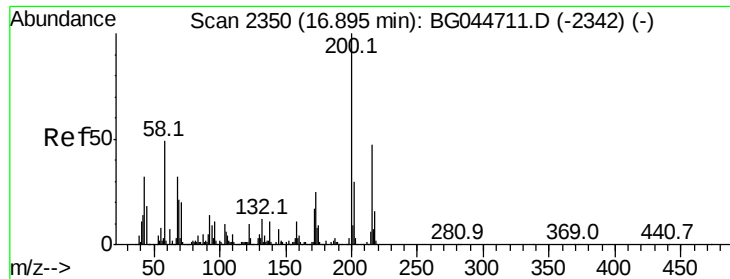
mohammad
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#68
Hexachlorobenzene
Concen: 38.190 ng
RT: 16.73 min Scan# 2322
Delta R.T. -0.01 min
Lab File: BG044921.D
Acq: 20 Mar 2020 15:55

Tgt Ion	Ratio	Lower	Upper
284	100		
142	32.3	25.0	37.6
249	32.1	25.8	38.8





#69

Atrazine

Concen: 41.412 ng

RT: 16.88 min Scan# 2347

Delta R.T. -0.00 min

Lab File: BG044921.D

Acq: 20 Mar 2020 15:55

Instrument :

BNA_G

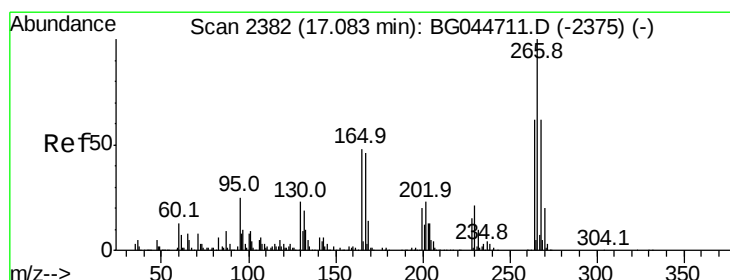
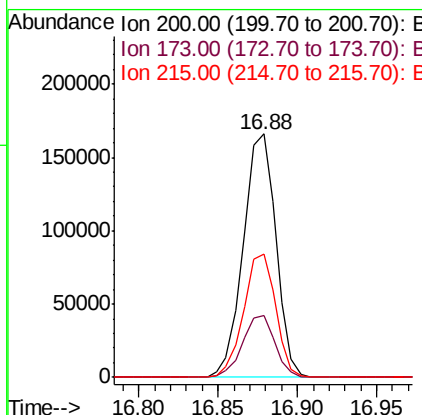
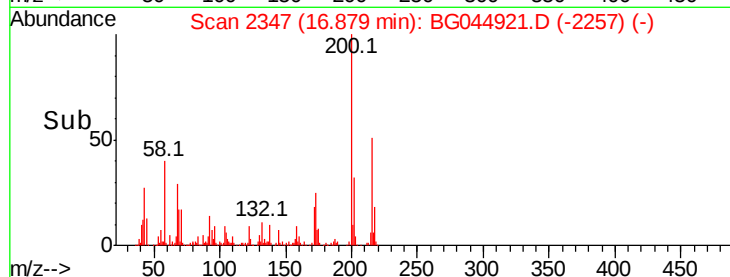
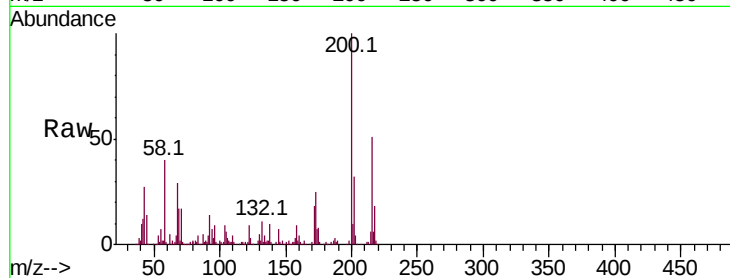
ClientSampleId :

PB127705BSD

Tot Ion:	200	Resp:	238556
Ion Ratio	Lower	Upper	
200	100		
173	25.1	5.3	45.3
215	50.8	28.9	68.9

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#70

Pentachlorophenol

Concen: 84.756 ng

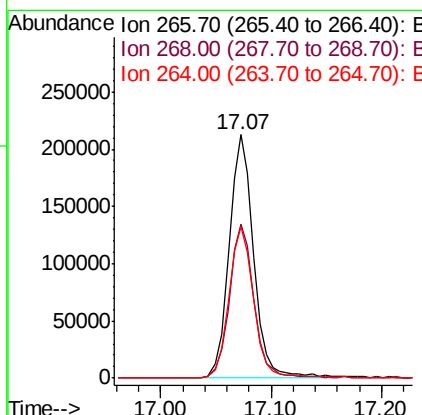
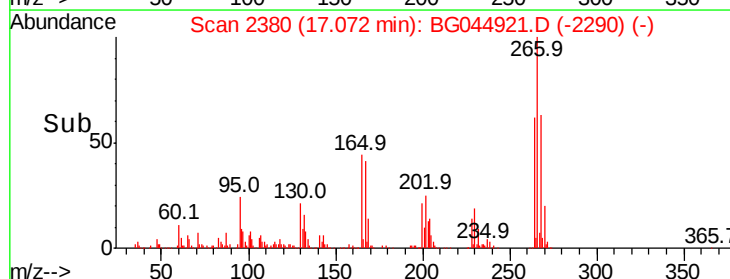
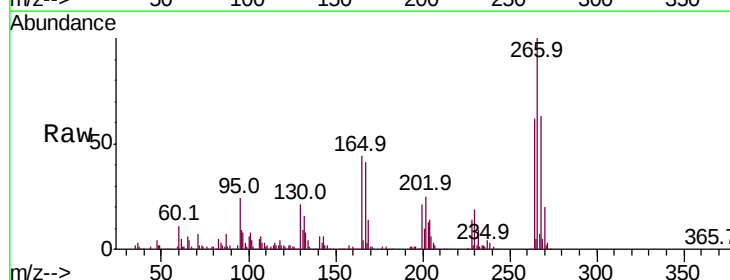
RT: 17.07 min Scan# 2380

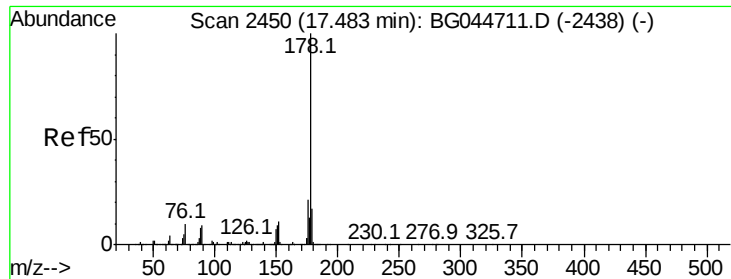
Delta R.T. -0.00 min

Lab File: BG044921.D

Acq: 20 Mar 2020 15:55

Tgt Ion:	266	Resp:	330305
Ion Ratio	Lower	Upper	
266	100		
268	63.0	50.3	75.5
264	62.3	51.4	77.2





#71

Phenanthrene

Concen: 37.823 ng

RT: 17.47 min Scan# 2447

Delta R.T. -0.00 min

Lab File: BG044921.D

Acq: 20 Mar 2020 15:55

Instrument :

BNA_G

ClientSampleId :

PB127705BSD

Tot Ion:178 Resp: 1055557

Ion Ratio Lower Upper

178 100

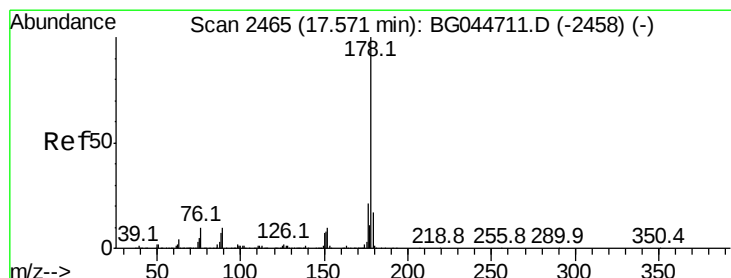
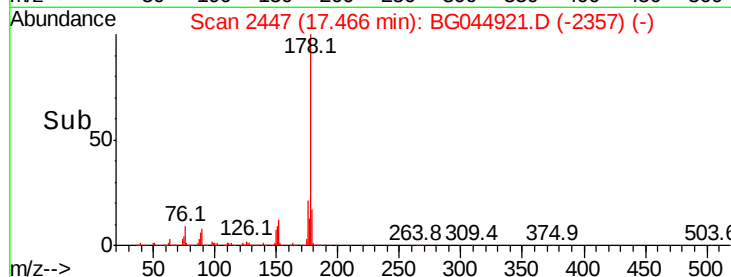
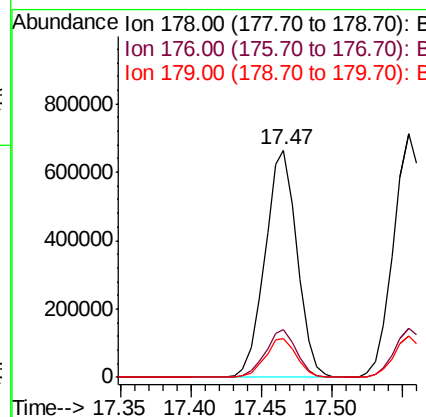
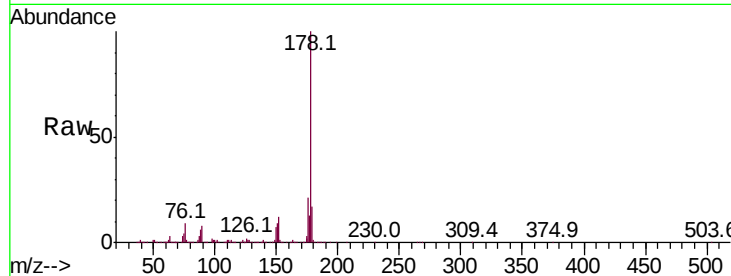
176 20.9 16.6 24.8

179 17.1 13.5 20.3

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#72

Anthracene

Concen: 39.594 ng

RT: 17.55 min Scan# 2462

Delta R.T. -0.01 min

Lab File: BG044921.D

Acq: 20 Mar 2020 15:55

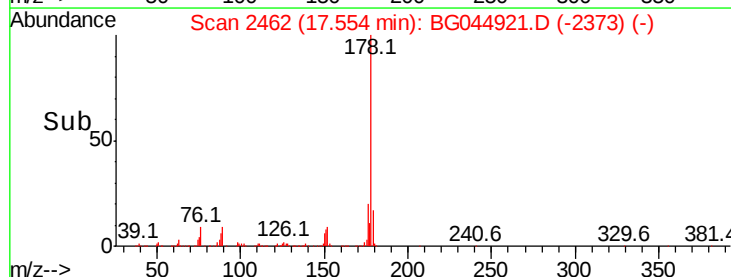
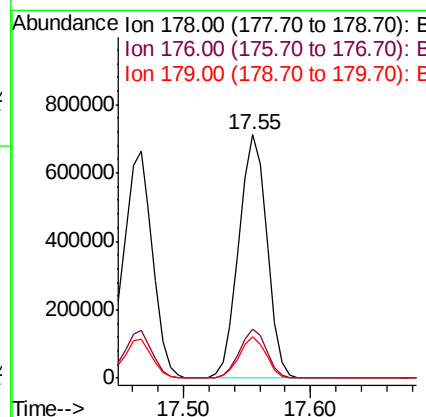
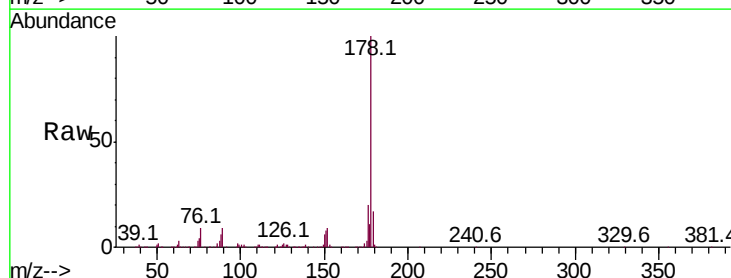
Tgt Ion:178 Resp: 1089572

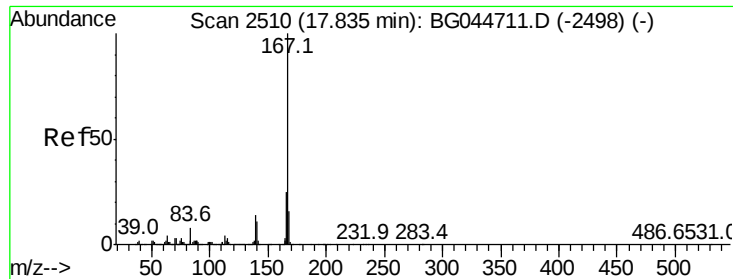
Ion Ratio Lower Upper

178 100

176 20.1 15.9 23.9

179 16.9 13.2 19.8





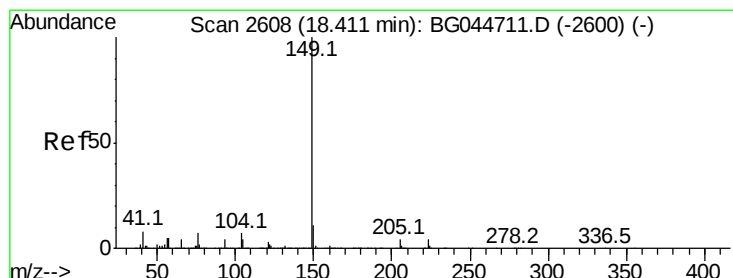
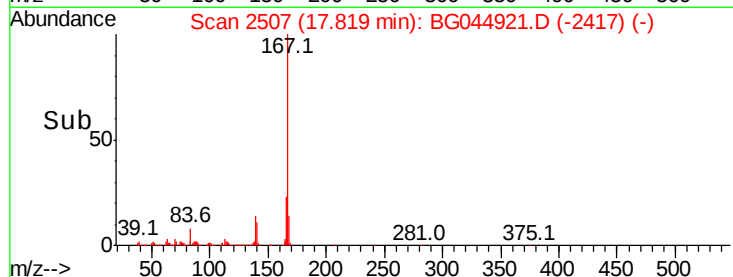
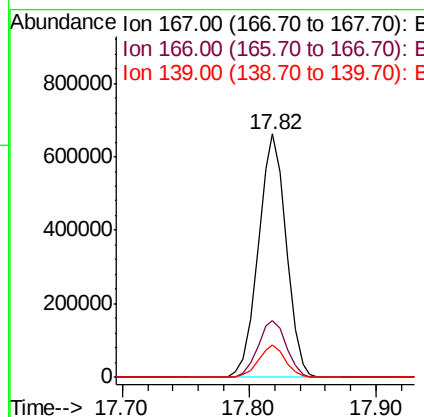
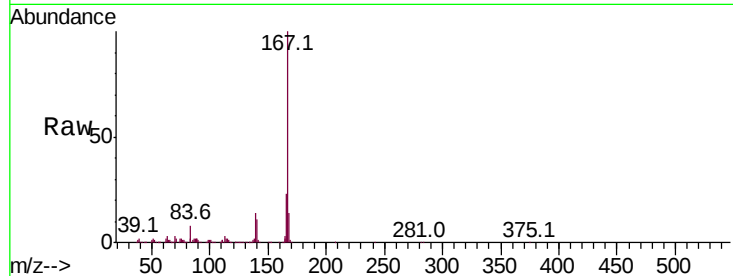
#73
 Carbazole
 Concen: 38.343 ng
 RT: 17.82 min Scan# 2507
 Delta R.T. -0.00 min
 Lab File: BG044921.D
 Acq: 20 Mar 2020 15:55

Instrument :
 BNA_G
 ClientSampleId :
 PB127705BSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	23.2	18.8	28.2
139	13.6	10.8	16.2

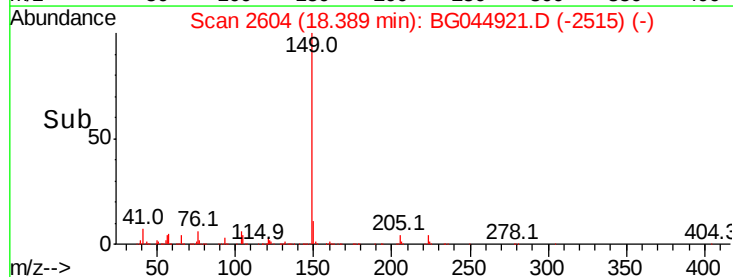
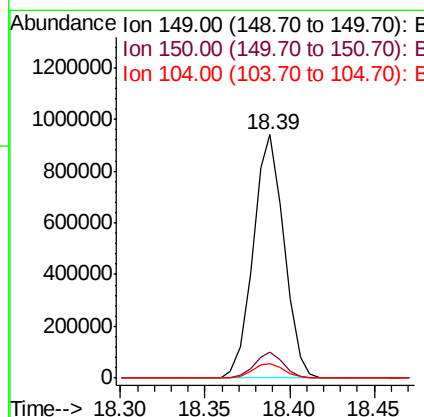
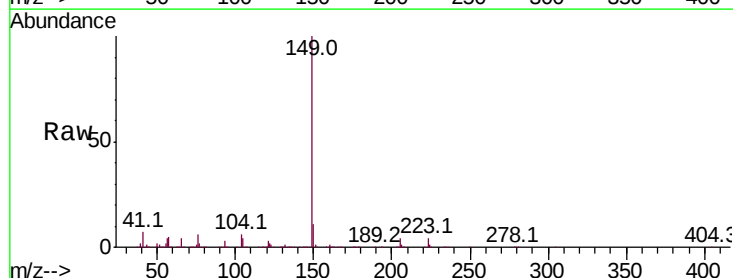
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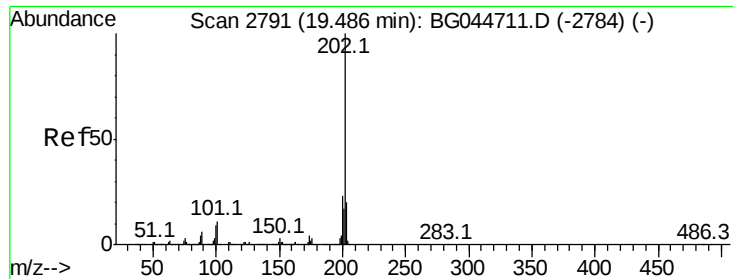
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#74
 Di-n-butylphthalate
 Concen: 37.159 ng
 RT: 18.39 min Scan# 2604
 Delta R.T. -0.01 min
 Lab File: BG044921.D
 Acq: 20 Mar 2020 15:55

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.6	8.1	12.1
104	6.0	5.0	7.4





#75

Fluoranthene

Concen: 39.936 ng

RT: 19.47 min Scan# 2788

Delta R.T. -0.01 min

Lab File: BG044921.D

Acq: 20 Mar 2020 15:55

Instrument :

BNA_G

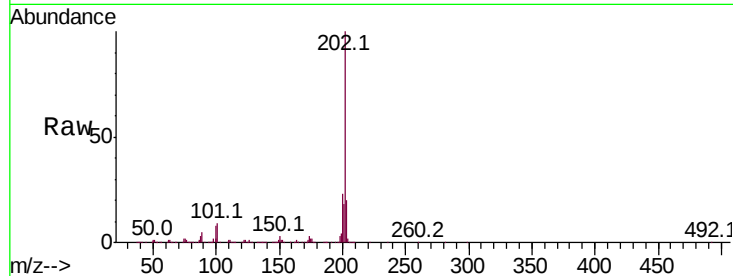
ClientSampleId :

PB127705BSD

Tot Ion:	202	Resp:	1327005
Ion Ratio	Lower	Upper	
202	100		
101	9.4	0.0	29.8
203	19.6	0.0	39.4

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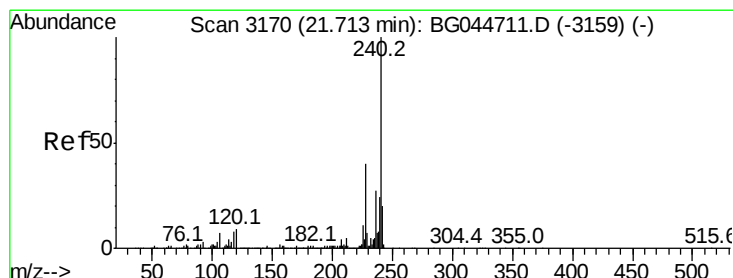
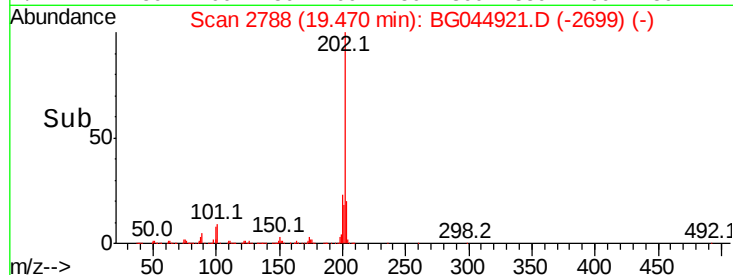
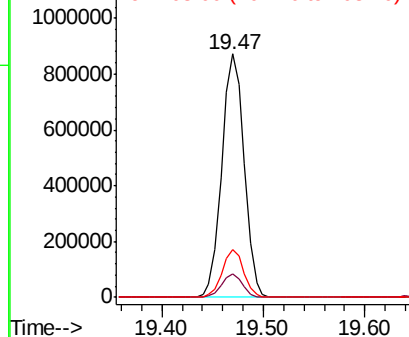


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

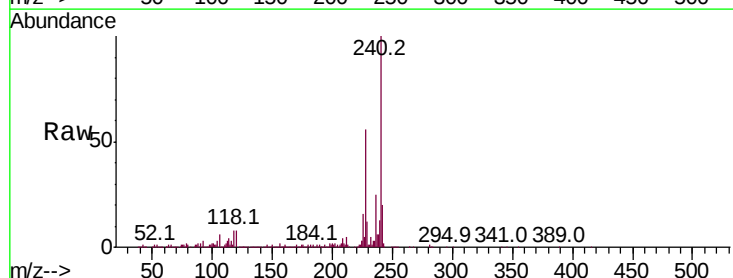
RT: 21.69 min Scan# 3166

Delta R.T. -0.01 min

Lab File: BG044921.D

Acq: 20 Mar 2020 15:55

Tgt Ion:	240	Resp:	483265
Ion Ratio	Lower	Upper	
240	100		
120	7.9	6.7	10.1
236	25.2	21.5	32.3

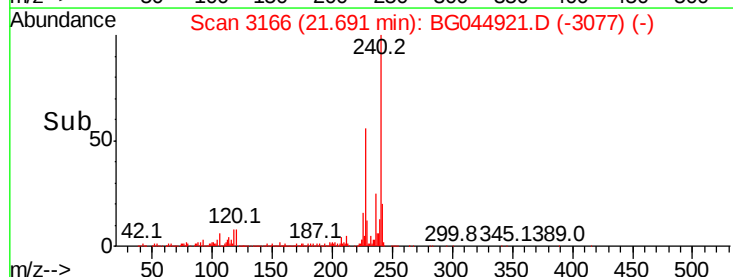
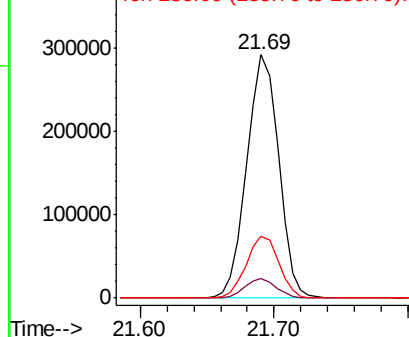


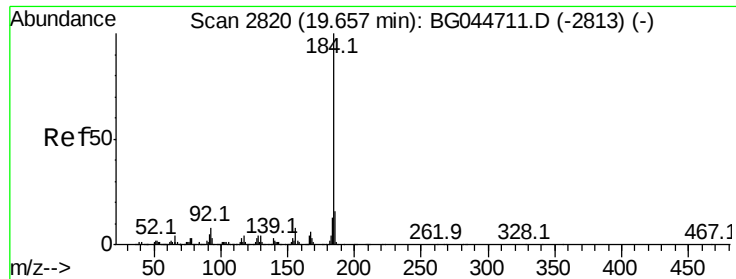
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 34.118 ng

RT: 19.64 min Scan# 2817

Delta R.T. -0.01 min

Lab File: BG044921.D

Acq: 20 Mar 2020 15:55

Instrument :

BNA_G

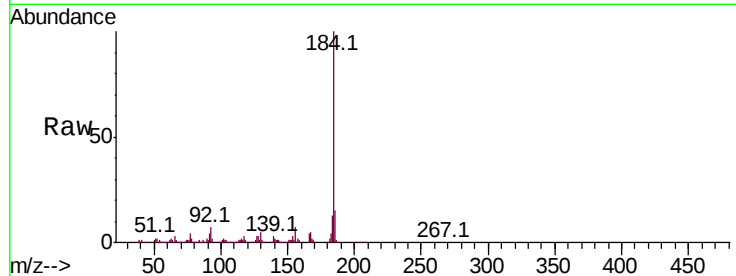
ClientSampleId :

PB127705BSD

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
185	15.0	12.2	18.4	
183	13.1	10.7	16.1	

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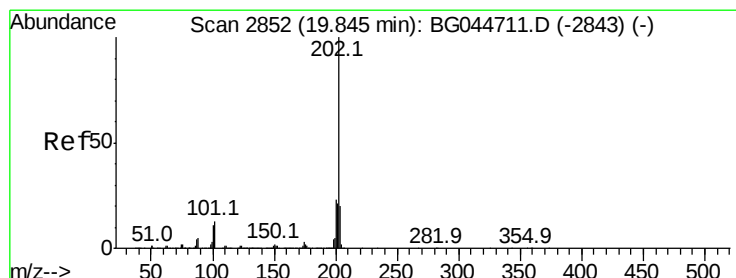
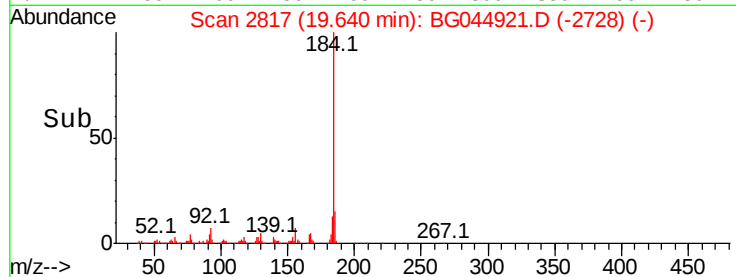
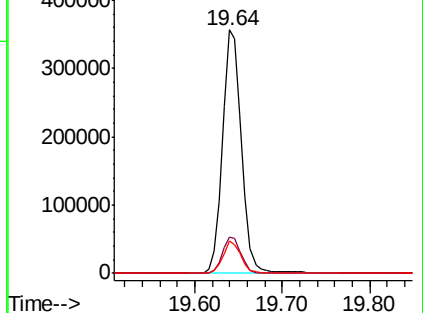
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Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 37.117 ng

RT: 19.83 min Scan# 2850

Delta R.T. -0.00 min

Lab File: BG044921.D

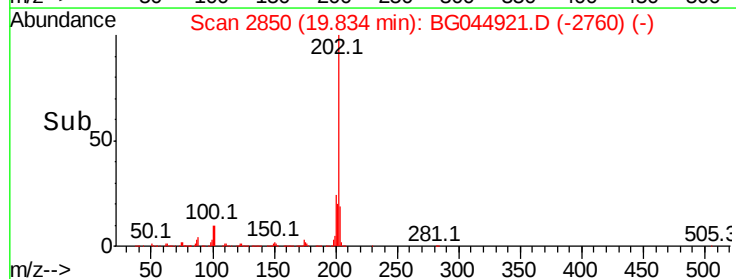
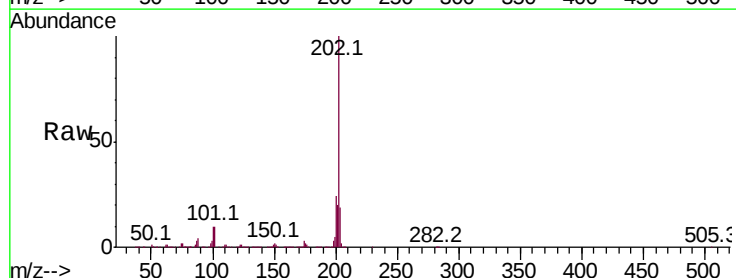
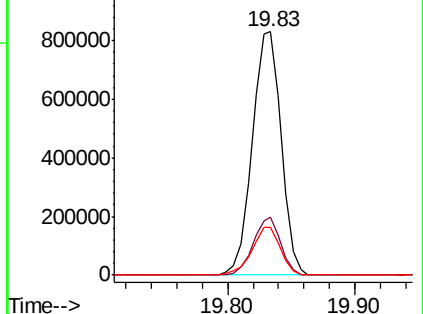
Acq: 20 Mar 2020 15:55

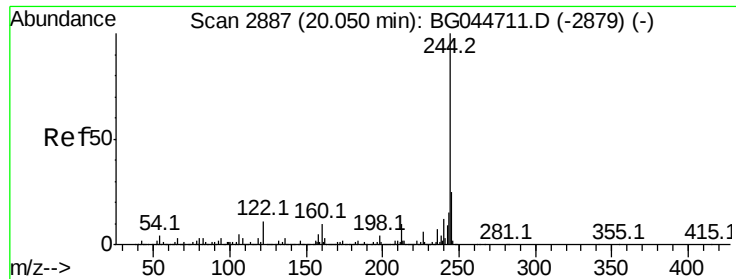
Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
200	23.6	18.3	27.5	
203	19.4	15.6	23.4	

Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 74.515 ng

RT: 20.03 min Scan# 2884

Delta R.T. -0.00 min

Lab File: BG044921.D

Acq: 20 Mar 2020 15:55

Instrument :

BNA_G

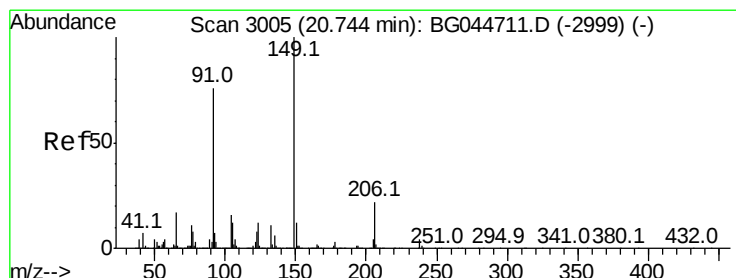
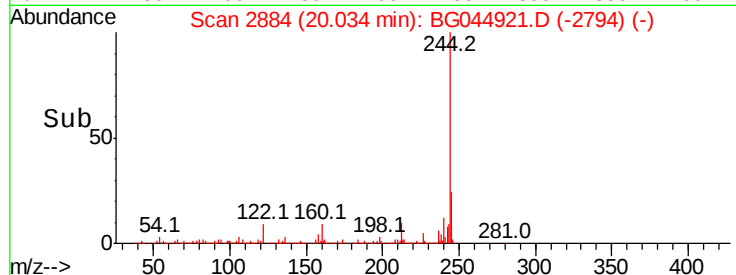
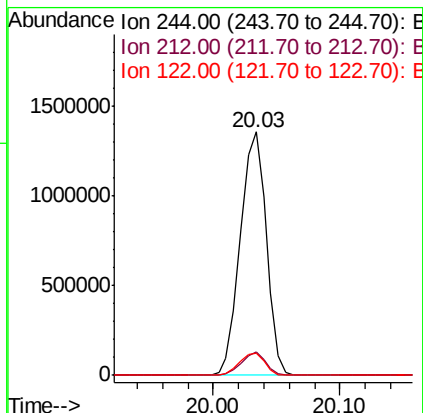
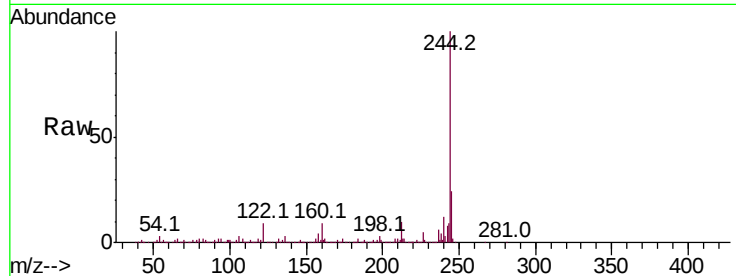
ClientSampleId :

PB127705BSD

Tot Ion:	244	Resp:	1925137
Ion	Ratio	Lower	Upper
244	100		
212	9.6	7.7	11.5
122	9.3	8.6	12.8

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#80

Butylbenzylphthalate

Concen: 35.405 ng

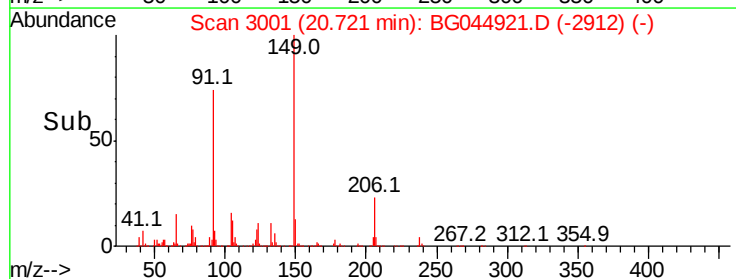
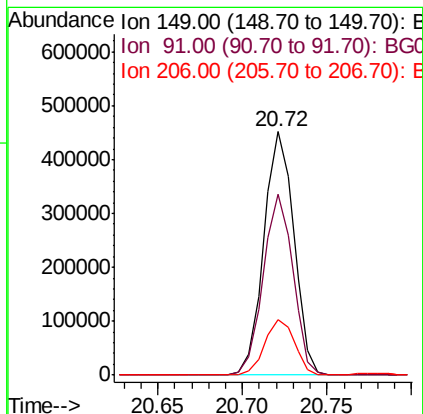
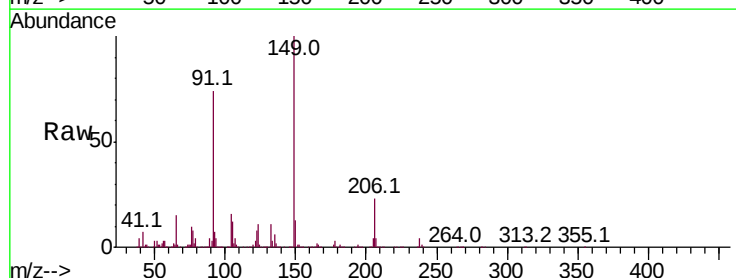
RT: 20.72 min Scan# 3001

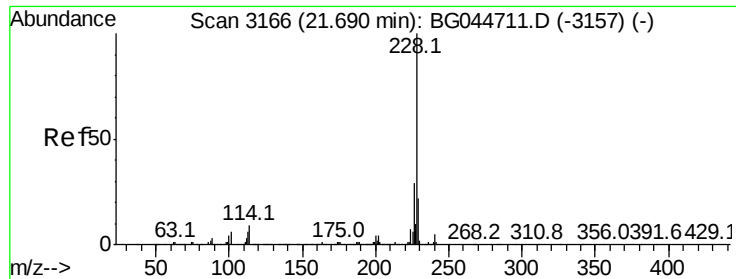
Delta R.T. -0.01 min

Lab File: BG044921.D

Acq: 20 Mar 2020 15:55

Tgt Ion:	149	Resp:	558454
Ion	Ratio	Lower	Upper
149	100		
91	74.2	60.2	90.4
206	23.0	18.6	27.8





#81

Benzo(a)anthracene

Concen: 36.985 ng

RT: 21.67 min Scan# 3163

Delta R.T. -0.01 min

Lab File: BG044921.D

Acq: 20 Mar 2020 15:55

Instrument :

BNA_G

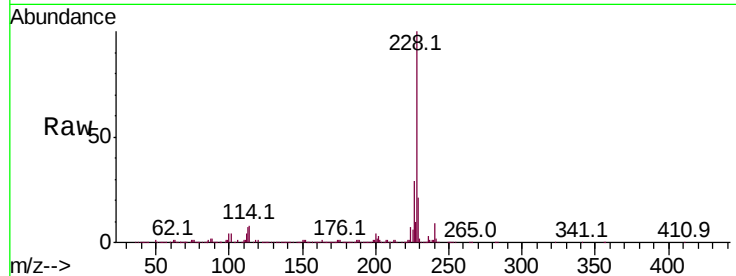
ClientSampleId :

PB127705BSD

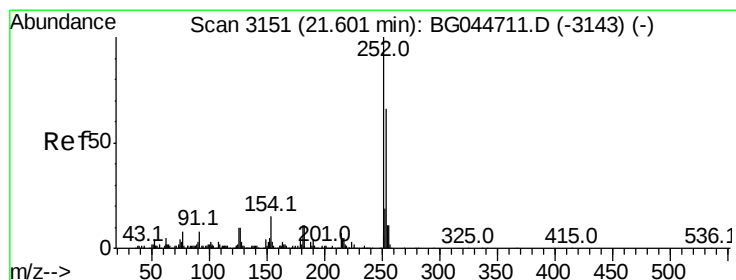
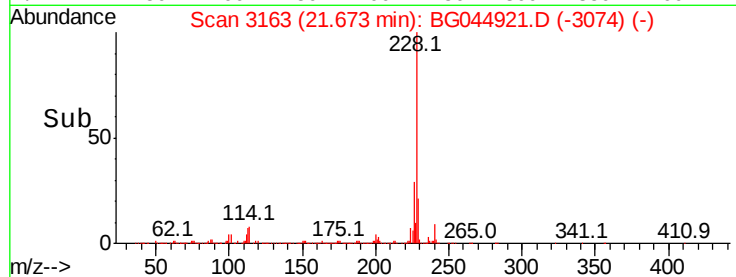
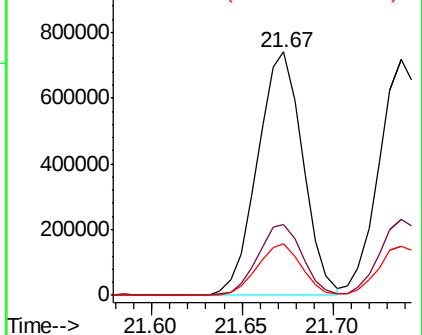
Tot Ion:	228	Resp:	1287026
Ion	Ratio	Lower	Upper
228	100		
226	28.8	23.6	35.4
229	21.0	17.1	25.7

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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 22.125 ng

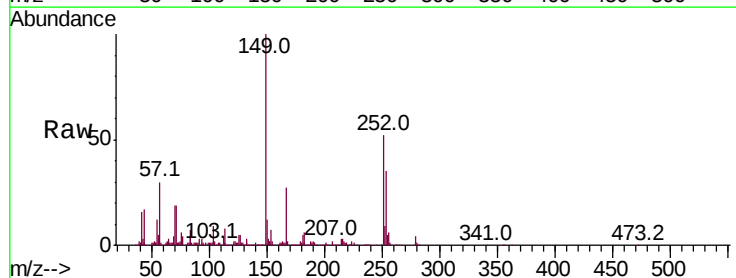
RT: 21.58 min Scan# 3148

Delta R.T. -0.00 min

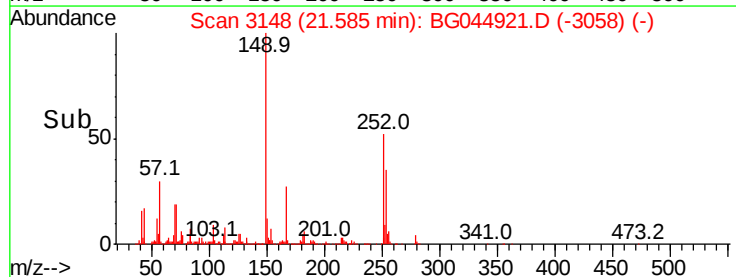
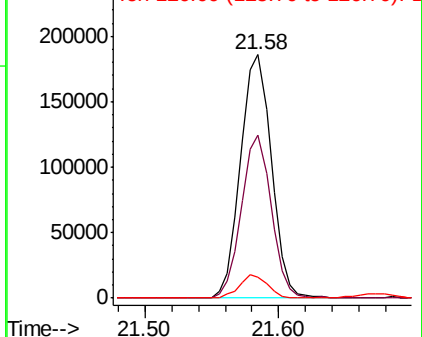
Lab File: BG044921.D

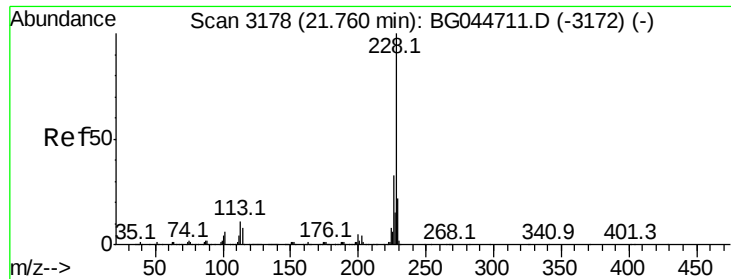
Acq: 20 Mar 2020 15:55

Tgt Ion:	252	Resp:	297851
Ion	Ratio	Lower	Upper
252	100		
254	66.8	51.6	77.4
126	8.6	7.0	10.6



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





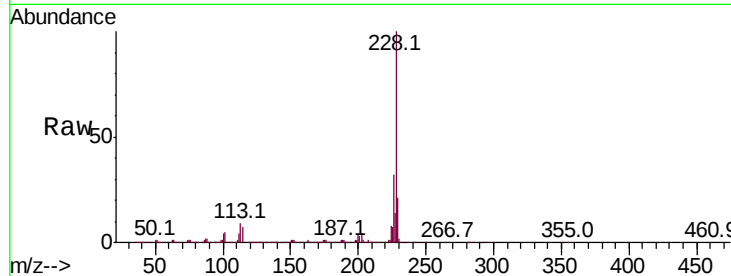
#83
Chrysene
Concen: 36.523 ng
RT: 21.74 min Scan# 3174
Delta R.T. -0.01 min
Lab File: BG044921.D
Acq: 20 Mar 2020 15:55

Instrument :
BNA_G
ClientSampleId :
PB127705BSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	32.2	25.9	38.9
229	20.9	17.4	26.0

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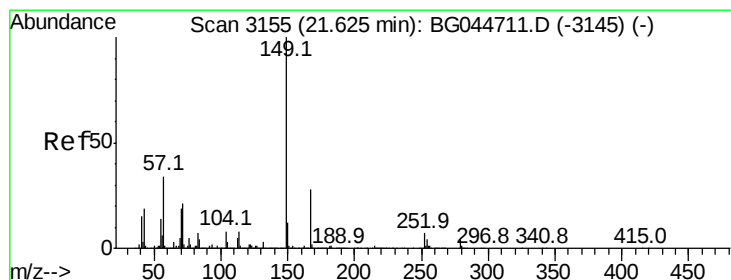
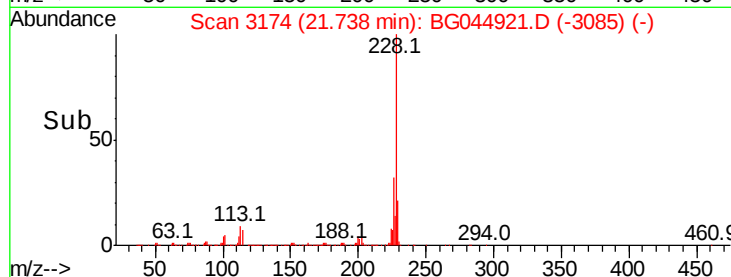
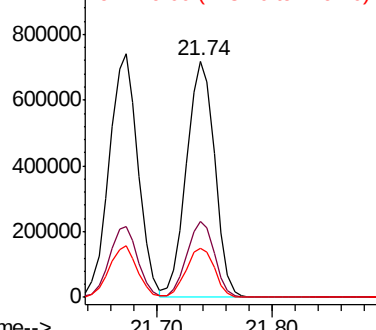


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84
Bis(2-ethylhexyl)phthalate
Concen: 35.284 ng
RT: 21.59 min Scan# 3149
Delta R.T. -0.02 min
Lab File: BG044921.D
Acq: 20 Mar 2020 15:55

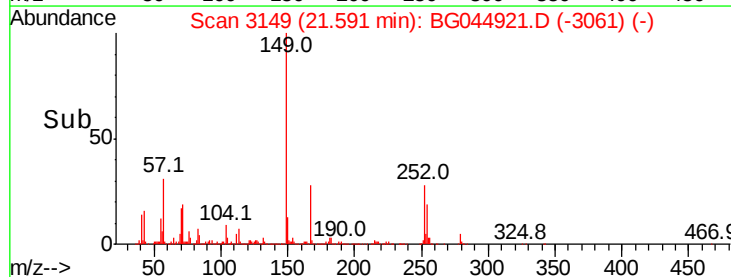
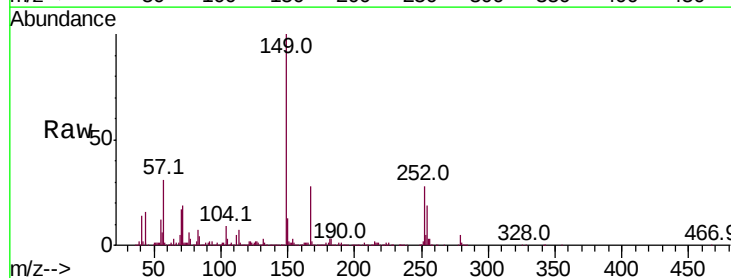
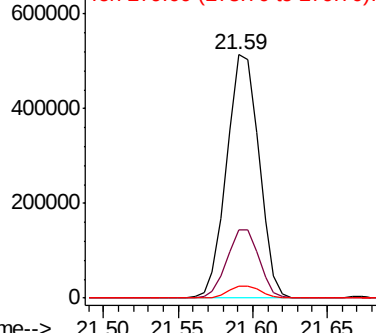
Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.9	21.8	32.6
279	4.8	3.8	5.6

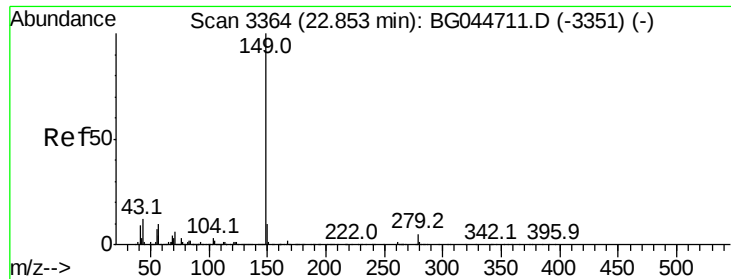
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 36.062 ng

RT: 22.81 min Scan# 3356

Delta R.T. -0.02 min

Lab File: BG044921.D

Acq: 20 Mar 2020 15:55

Instrument :

BNA_G

ClientSampleId :

PB127705BSD

Tot Ion:149 Resp: 1313703

Ion Ratio Lower Upper

149 100

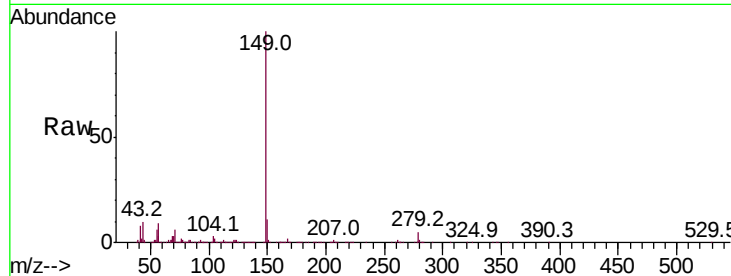
167 1.7 1.4 2.0

43 9.7 8.2 12.4

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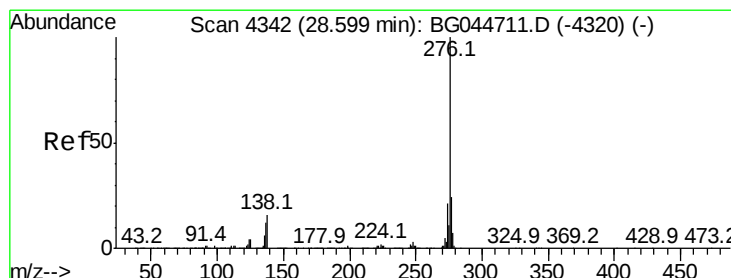
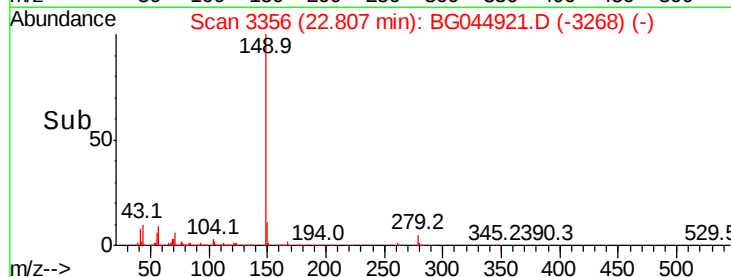
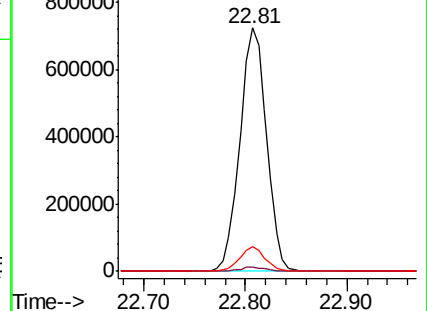
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 37.615 ng

RT: 28.55 min Scan# 4333

Delta R.T. -0.02 min

Lab File: BG044921.D

Acq: 20 Mar 2020 15:55

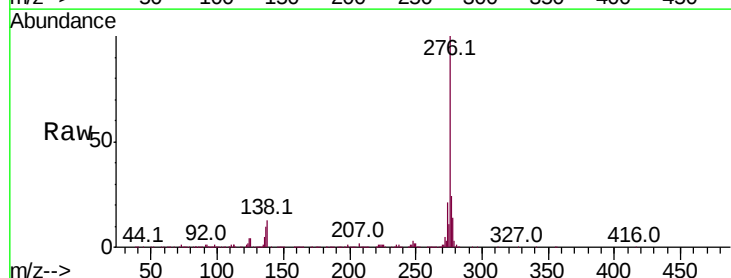
Tgt Ion:276 Resp: 1639214

Ion Ratio Lower Upper

276 100

138 12.0 7.4 11.0#

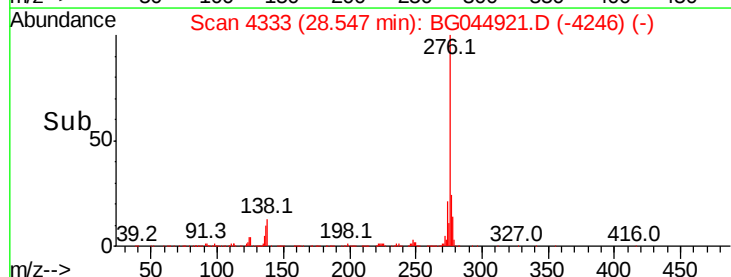
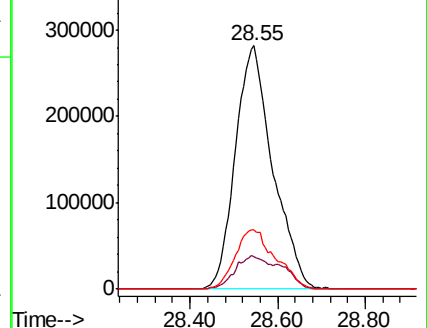
277 26.2 20.8 31.2

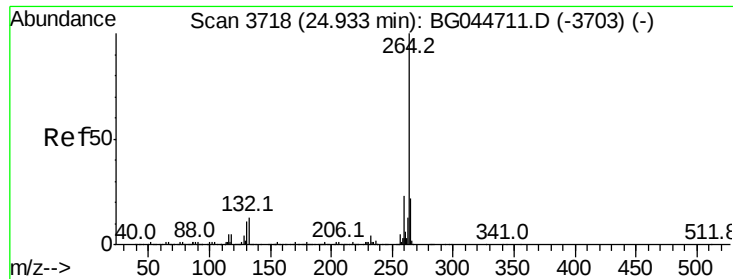


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.90 min Scan# 3712

Delta R.T. -0.01 min

Lab File: BG044921.D

Acq: 20 Mar 2020 15:55

Instrument :

BNA_G

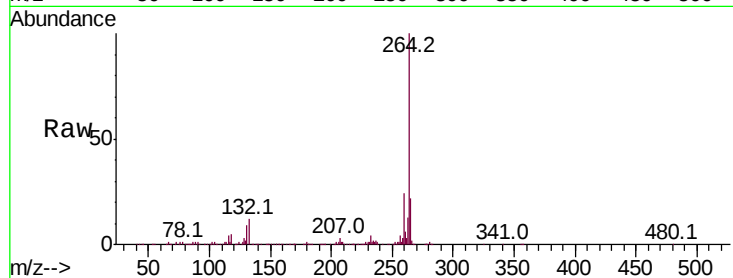
ClientSampleId :

PB127705BSD

Tot Ion:	264	Resp:	540785
Ion Ratio	Lower	Upper	
264	100		
260	23.7	18.1	27.1
265	22.2	17.1	25.7

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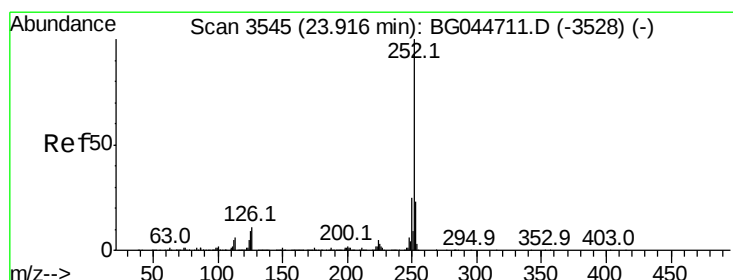
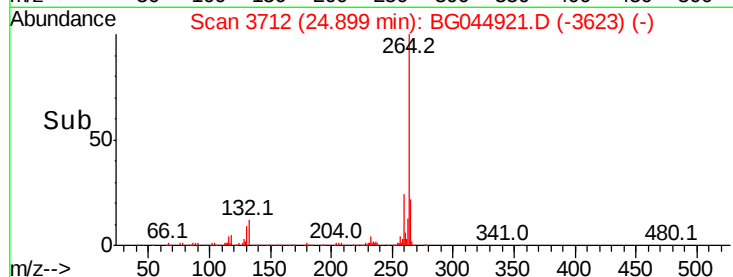
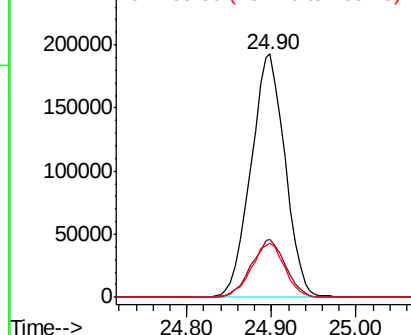


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 38.963 ng

RT: 23.88 min Scan# 3539

Delta R.T. -0.01 min

Lab File: BG044921.D

Acq: 20 Mar 2020 15:55

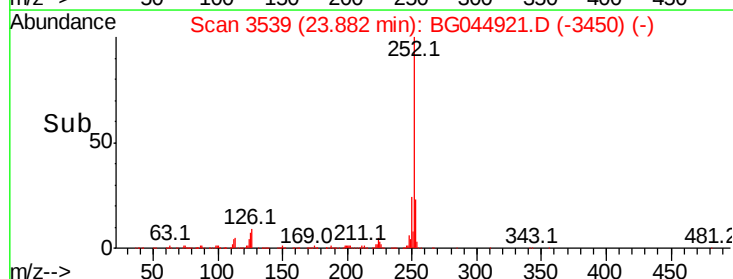
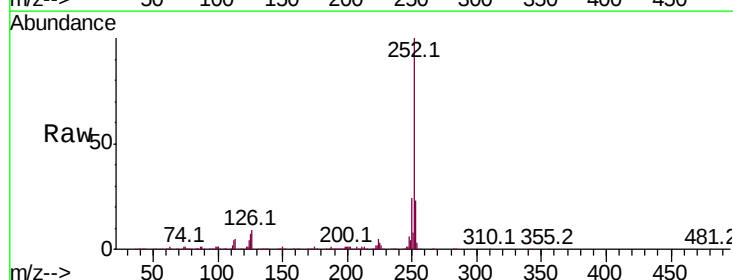
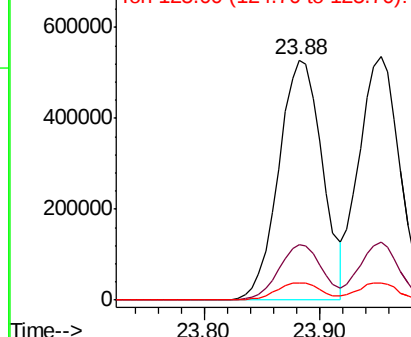
Tgt Ion:	252	Resp:	1391022
Ion Ratio	Lower	Upper	
252	100		
253	23.2	18.1	27.1
125	7.1	6.6	9.8

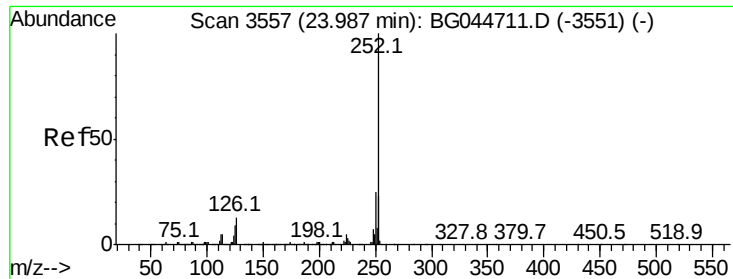
Abundance

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





#89

Benzo(k)fluoranthene

Concen: 38.839 ng

RT: 23.95 min Scan# 3551

Delta R.T. -0.01 min

Lab File: BG044921.D

Acq: 20 Mar 2020 15:55

Instrument :

BNA_G

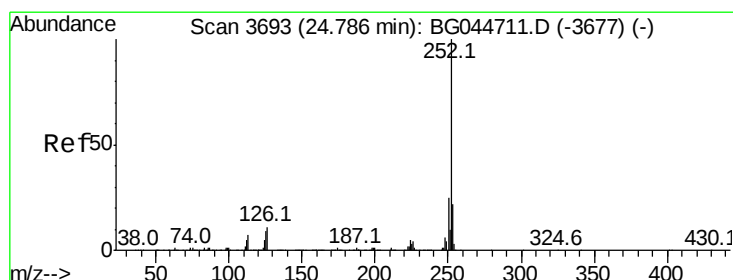
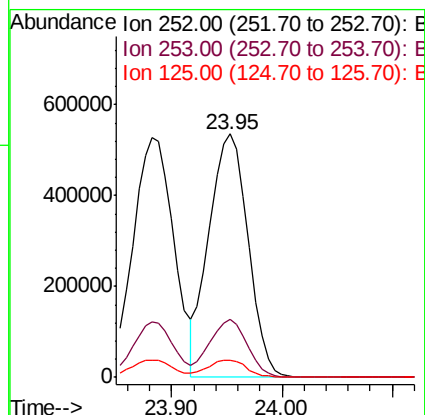
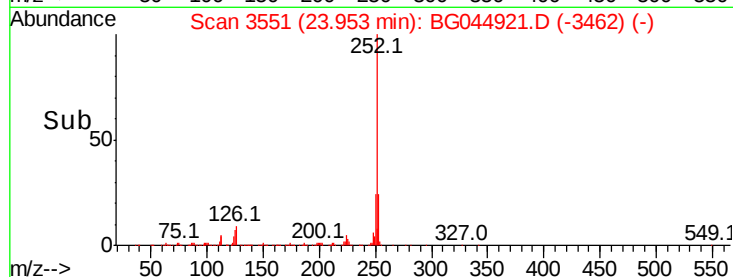
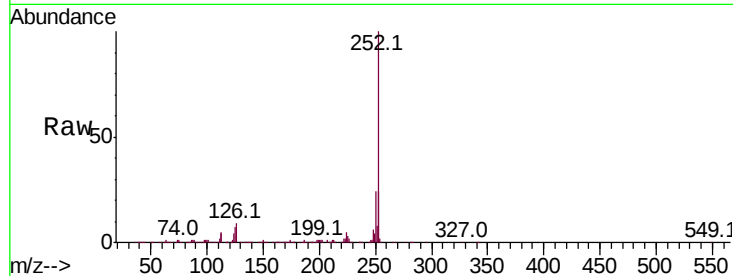
ClientSampleId :

PB127705BSD

Tot	Ion:252	Resp:	1312186
Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.5	27.7
125	7.2	6.2	9.2

Manual Integrations
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#90

Benzo(a)pyrene

Concen: 37.976 ng

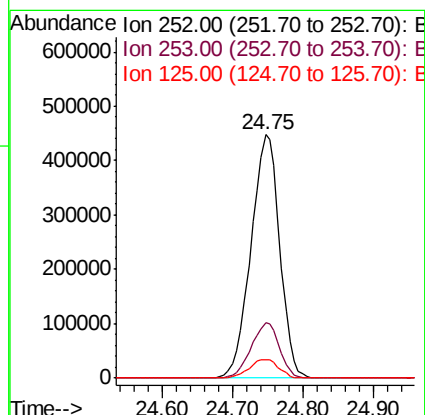
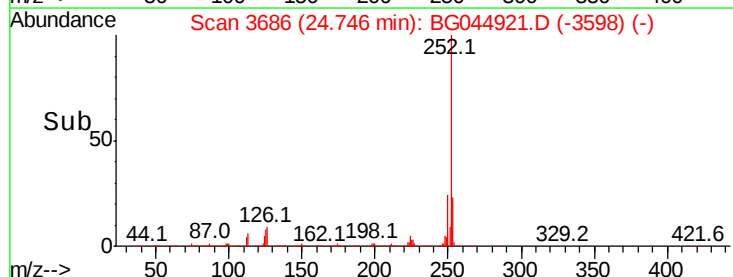
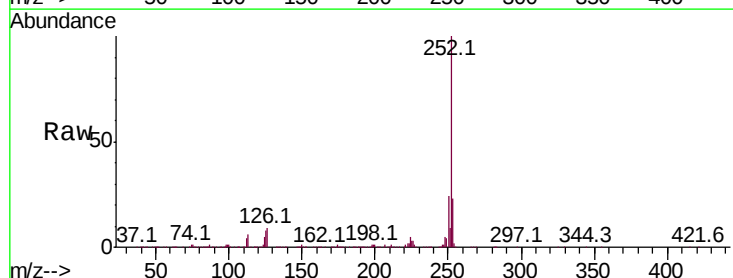
RT: 24.75 min Scan# 3686

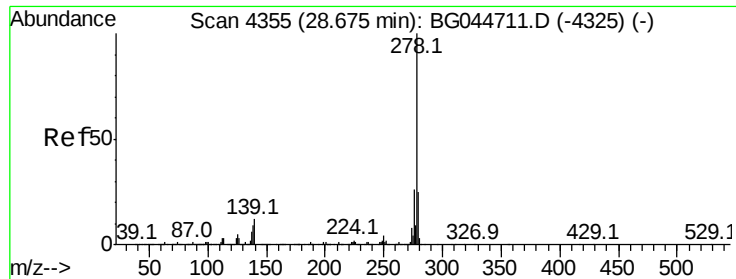
Delta R.T. -0.02 min

Lab File: BG044921.D

Acq: 20 Mar 2020 15:55

Tgt	Ion:252	Resp:	1268632
Ion	Ratio	Lower	Upper
252	100		
253	22.6	19.4	29.0
125	7.7	7.2	10.8





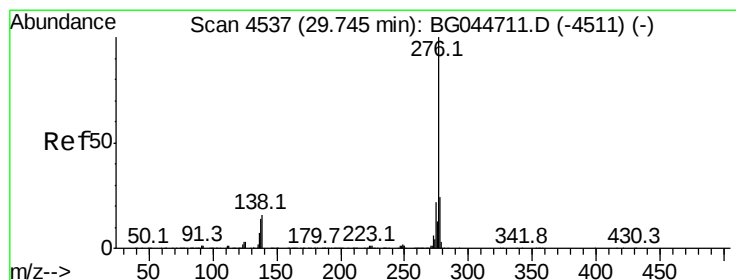
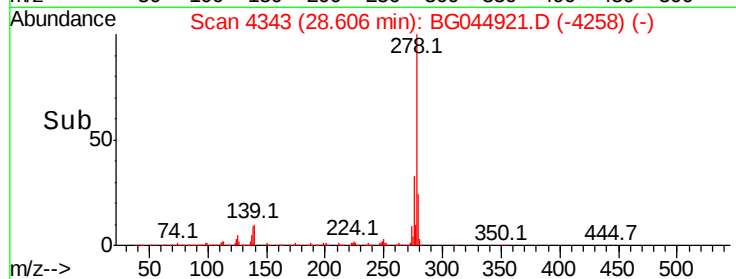
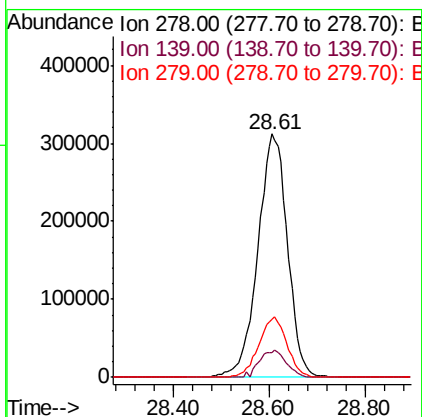
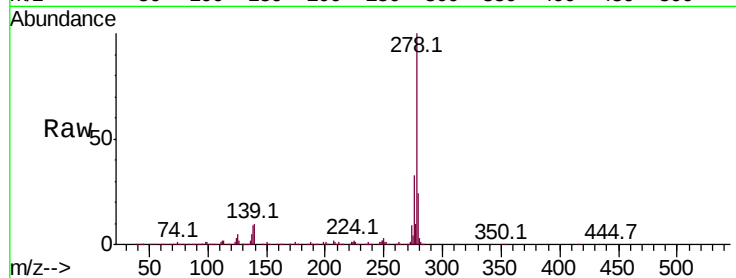
#91
Dibenzo(a,h)anthracene
Concen: 40.542 ng
RT: 28.61 min Scan# 4343
Delta R.T. -0.03 min
Lab File: BG044921.D
Acq: 20 Mar 2020 15:55

Instrument :
BNA_G
ClientSampleId :
PB127705BSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	10.2	10.2	15.2#
279	23.8	18.9	28.3

Manual Integrations
APPROVED

mohammad
3/23/2020 9:39:42 AM



#92
Benzo(g,h,i)perylene
Concen: 40.542 ng
RT: 29.68 min Scan# 4526
Delta R.T. -0.03 min
Lab File: BG044921.D
Acq: 20 Mar 2020 15:55

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.5	20.1	30.1
138	14.3	13.0	19.6

