

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG032020\
 Data File : BG044920.D
 Acq On : 20 Mar 2020 15:15
 Operator : CG/JU
 Sample : PB127705BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB127705BS

Manual Integrations
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mohammad
 3/23/2020 9:39:40 AM

Quant Time: Mar 21 01:38:14 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	83055	20.00	ng	-0.01
21) Naphthalene-d8	10.85	136	320915	20.00	ng	-0.01
39) Acenaphthene-d10	14.67	164	220451	20.00	ng	-0.01
64) Phenanthrene-d10	17.42	188	504243	20.00	ng	0.00
76) Chrysene-d12	21.69	240	498935	20.00	ng	-0.01
87) Perylene-d12	24.89	264	560269	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	405123	75.93	ng	0.00
7) Phenol-d6	7.20	99	570902	73.65	ng	0.00
23) Nitrobenzene-d5	9.20	82	514691	70.38	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	246797	85.50	ng	0.00
45) 2-Fluorobiphenyl	13.30	172	1115850	72.48	ng	0.00
79) Terphenyl-d14	20.03	244	1894953	71.04	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.52	88	75633	29.438	ng	99
3) Pyridine	3.90	79	192588	25.321	ng	95
4) n-Nitrosodimethylamine	3.82	42	105588	36.588	ng	100
6) Aniline	7.36	93	227038	23.537	ng	97
8) 2-Chlorophenol	7.61	128	223379	41.941	ng	96
9) Benzaldehyde	7.17	77	166260	33.655	ng	95
10) Phenol	7.23	94	296834	38.678	ng	98
11) bis(2-Chloroethyl)ether	7.46	93	210738	34.406	ng	97
12) 1,3-Dichlorobenzene	7.93	146	235534	35.900	ng	98
13) 1,4-Dichlorobenzene	8.08	146	236166	36.410	ng	97
14) 1,2-Dichlorobenzene	8.40	146	218916	35.587	ng	97
15) Benzyl Alcohol	8.28	79	228282	36.703	ng	93
16) 2,2'-oxybis(1-Chloropropan	8.57	45	311517	28.820	ng	99
17) 2-Methylphenol	8.48	107	206763	39.773	ng	95
18) Hexachloroethane	9.13	117	91105	35.676	ng	97
19) n-Nitroso-di-n-propylamine	8.85	70	176249	32.199	ng	99
20) 3+4-Methylphenols	8.81	107	276414	38.571	ng	97
22) Acetophenone	8.86	105	326021	35.860	ng	# 98
24) Nitrobenzene	9.24	77	275934	36.363	ng	99
25) Isophorone	9.77	82	497824	34.878	ng	99
26) 2-Nitrophenol	9.96	139	119402	45.631	ng	95
27) 2,4-Dimethylphenol	10.01	122	207576	44.658	ng	97
28) bis(2-Chloroethoxy)methane	10.25	93	284430	33.391	ng	99
29) 2,4-Dichlorophenol	10.49	162	228797	42.143	ng	97
30) 1,2,4-Trichlorobenzene	10.71	180	234511	36.125	ng	97
31) Naphthalene	10.90	128	649548	36.538	ng	99
32) Benzoic acid	10.16	122	130418	38.431	ng	98
33) 4-Chloroaniline	11.00	127	124479	15.542	ng	96
34) Hexachlorobutadiene	11.20	225	158431	37.112	ng	97
35) Caprolactam	11.77	113	78312m	38.098	ng	
36) 4-Chloro-3-methylphenol	12.12	107	253578	39.162	ng	97
37) 2-Methylnaphthalene	12.51	142	490453	36.882	ng	95
38) 1-Methylnaphthalene	12.72	142	466256	37.295	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	267361	36.826	ng	98

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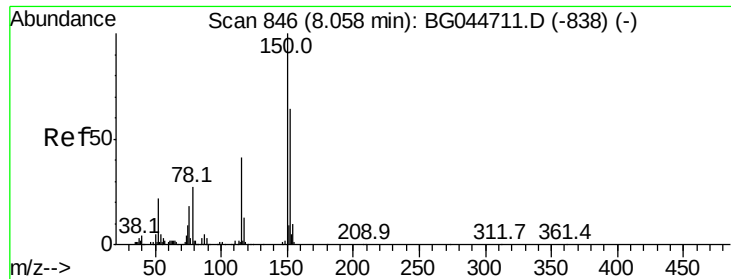
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.86	237	359681	90.652	nq	97
43) 2,4,6-Trichlorophenol	13.10	196	199479	41.401	nq	99
44) 2,4,5-Trichlorophenol	13.18	196	214512	42.930	nq	97
46) 1,1'-Biphenyl	13.51	154	623196	35.375	nq	97
47) 2-Chloronaphthalene	13.55	162	475744	35.351	nq	98
48) 2-Nitroaniline	13.74	65	174791	37.099	nq	97
49) Acenaphthylene	14.40	152	803918	38.130	nq	98
50) Dimethylphthalate	14.13	163	650017	37.021	nq	99
51) 2,6-Dinitrotoluene	14.24	165	150279	42.462	nq	95
52) Acenaphthene	14.74	154	572845	41.487	nq	99
53) 3-Nitroaniline	14.57	138	83196	20.447	nq	# 91
54) 2,4-Dinitrophenol	14.77	184	161763	86.692	nq	94
55) Dibenzofuran	15.07	168	763190	38.115	nq	99
56) 4-Nitrophenol	14.87	139	261612	84.246	nq	95
57) 2,4-Dinitrotoluene	15.03	165	206965	42.639	nq	97
58) Fluorene	15.73	166	626317	38.025	nq	100
59) 2,3,4,6-Tetrachlorophenol	15.30	232	202616	44.044	nq	96
60) Diethylphthalate	15.50	149	673958	36.803	nq	98
61) 4-Chlorophenyl-phenylether	15.72	204	334556	37.722	nq	97
62) 4-Nitroaniline	15.73	138	152071	35.049	nq	95
63) Azobenzene	16.01	77	666605	35.053	nq	99
65) 4,6-Dinitro-2-methylphenol	15.80	198	118686	49.693	nq	92
66) n-Nitrosodiphenylamine	15.93	169	573431	37.772	nq	99
67) 4-Bromophenyl-phenylether	16.61	248	239786	38.039	nq	97
68) Hexachlorobenzene	16.74	284	262633	38.403	nq	97
69) Atrazine	16.88	200	230151	41.379	nq	98
70) Pentachlorophenol	17.07	266	321595	85.466	nq	100
71) Phenanthrene	17.46	178	1028799	38.180	nq	99
72) Anthracene	17.55	178	1059413	39.872	nq	100
73) Carbazole	17.82	167	987098	38.675	nq	100
74) Di-n-butylphthalate	18.39	149	1163474	37.501	nq	100
75) Fluoranthene	19.47	202	1309407	40.812	nq	99
77) Benzidine	19.64	184	536492	33.122	nq	98
78) Pyrene	19.83	202	1309575	35.776	nq	99
80) Butylbenzylphthalate	20.72	149	557463	34.232	nq	99
81) Benzo(a)anthracene	21.67	228	1288979	35.878	nq	99
82) 3,3'-Dichlorobenzidine	21.58	252	301546	21.696	nq	99
83) Chrysene	21.74	228	1204131	35.087	nq	99
84) Bis(2-ethylhexyl)phthalate	21.60	149	764087	33.997	nq	# 98
85) Di-n-octyl phthalate	22.81	149	1320549	35.112	nq	98
86) Indeno(1,2,3-cd)pyrene	28.54	276	1629328	36.214	nq	# 97
88) Benzo(b)fluoranthene	23.89	252	1368121	36.989	nq	98
89) Benzo(k)fluoranthene	23.95	252	1311776	37.476	nq	99
90) Benzo(a)pyrene	24.74	252	1281031	37.014	nq	97
91) Dibenzo(a,h)anthracene	28.60	278	1334241	39.076	nq	96
92) Benzo(g,h,i)perylene	29.67	276	1352898	39.218	nq	97

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



#1

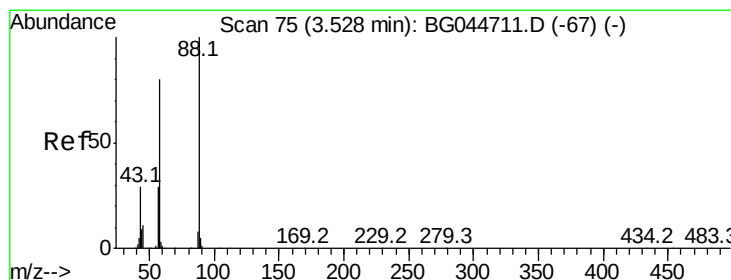
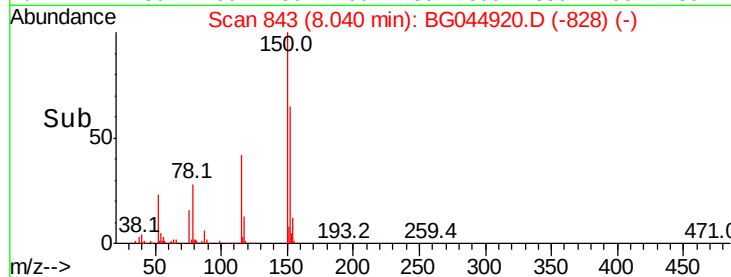
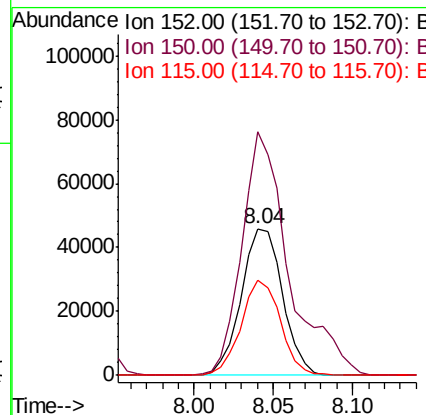
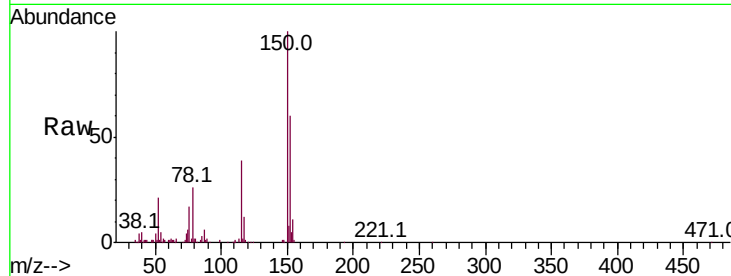
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.01 min
Lab File: BG044920.D
Acq: 20 Mar 2020 15:15

Instrument :
BNA_G
ClientSampleId :
PB127705BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	165.6	128.8	193.2
115	65.0	52.6	79.0

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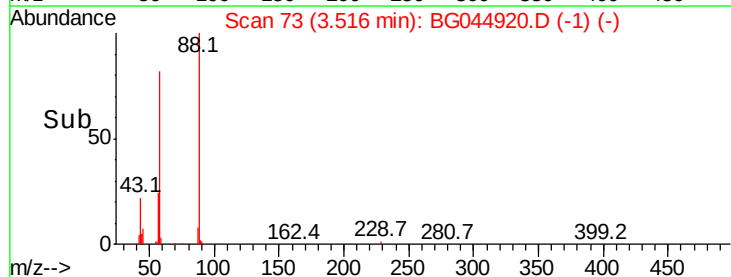
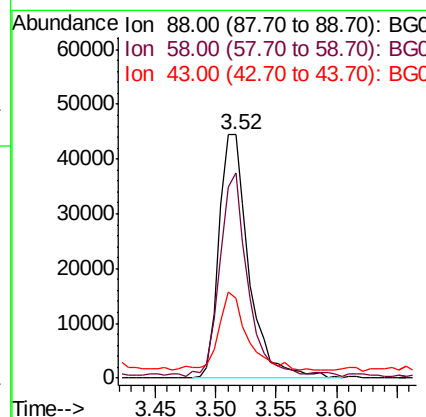
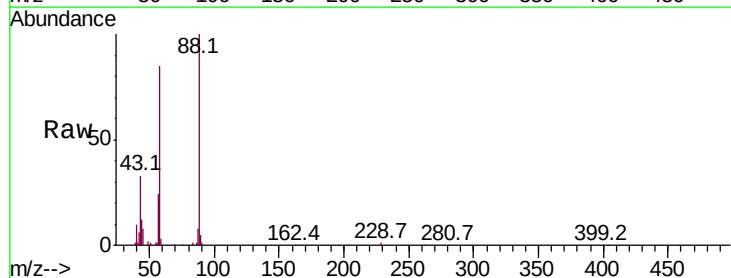
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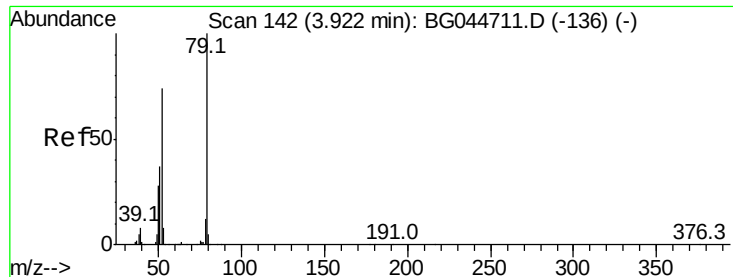


#2

1,4-Dioxane
Concen: 29.438 ng
RT: 3.52 min Scan# 73
Delta R.T. -0.01 min
Lab File: BG044920.D
Acq: 20 Mar 2020 15:15

Tgt Ion	Ratio	Lower	Upper
88	100		
58	77.2	63.0	94.4
43	31.4	24.8	37.2





#3

Pvridine

Concen: 25.321 ng

RT: 3.90 min Scan# 139

Delta R.T. -0.01 min

Lab File: BG044920.D

Acq: 20 Mar 2020 15:15

Instrument :

BNA_G

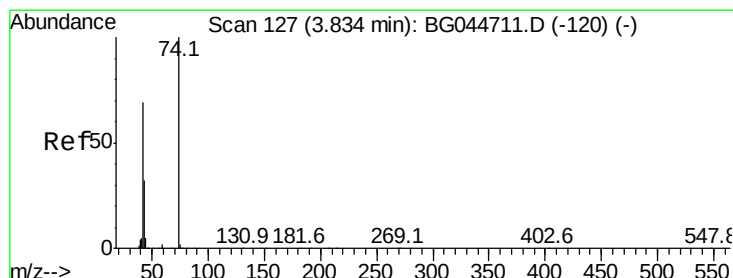
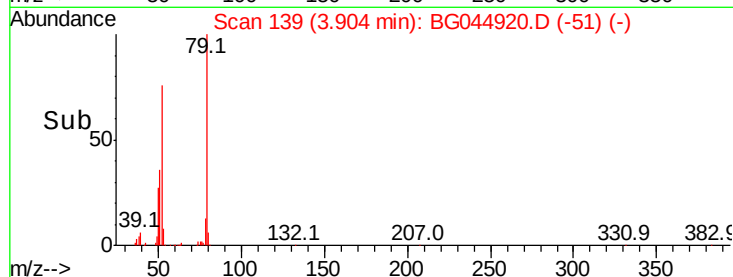
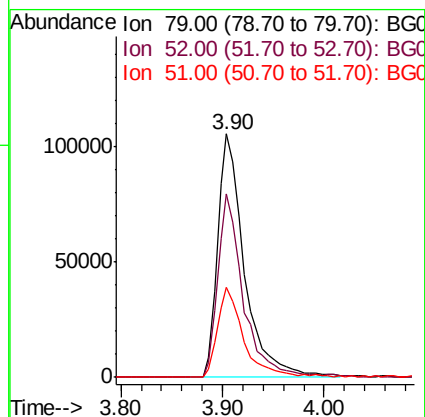
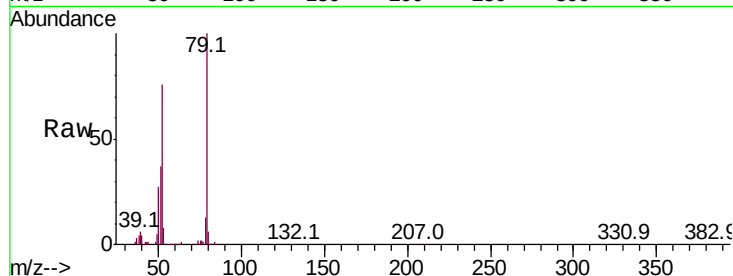
ClientSampleId :

PB127705BS

Tot Ion:	79	Resp:	192588
Ion Ratio	Lower	Upper	
79	100		
52	75.6	56.3	84.5
51	36.9	28.1	42.1

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#4

n-Nitrosodimethylamine

Concen: 36.588 ng

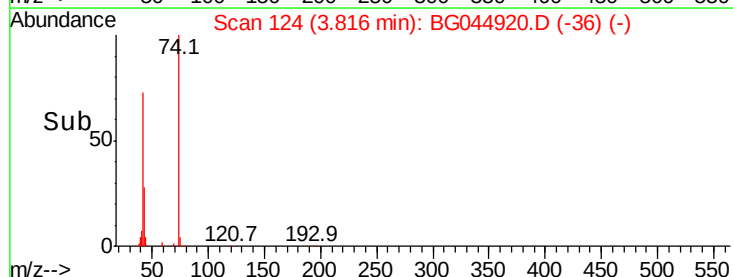
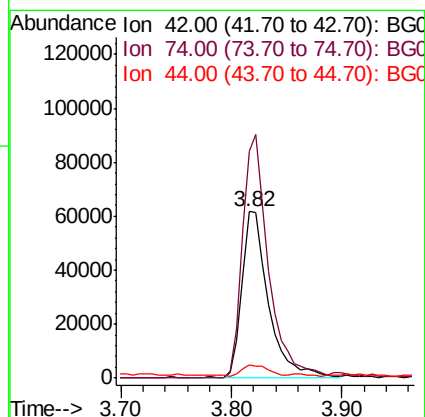
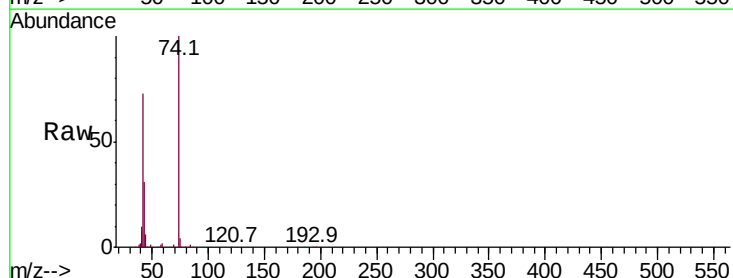
RT: 3.82 min Scan# 124

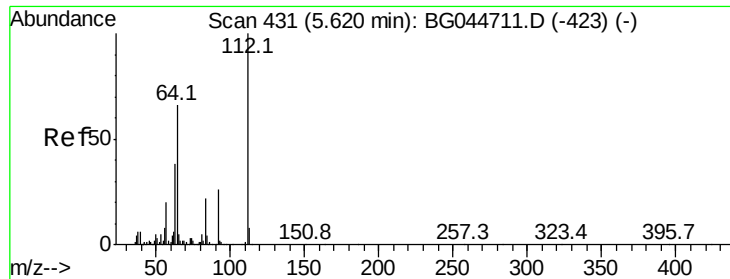
Delta R.T. -0.01 min

Lab File: BG044920.D

Acq: 20 Mar 2020 15:15

Tgt Ion:	42	Resp:	105588
Ion Ratio	Lower	Upper	
42	100		
74	136.6	109.1	163.7
44	8.0	5.4	8.2





#5

2-Fluorophenol

Concen: 75.932 ng

RT: 5.61 min Scan# 430

Delta R.T. 0.00 min

Lab File: BG044920.D

Acq: 20 Mar 2020 15:15

Instrument :

BNA_G

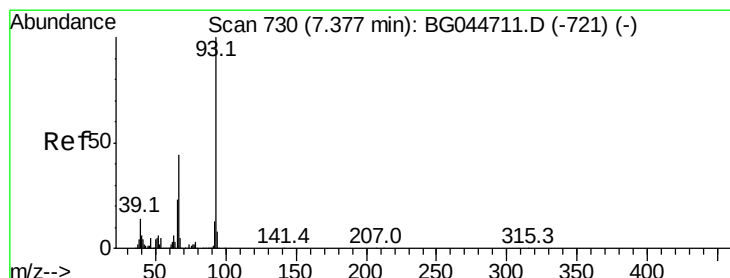
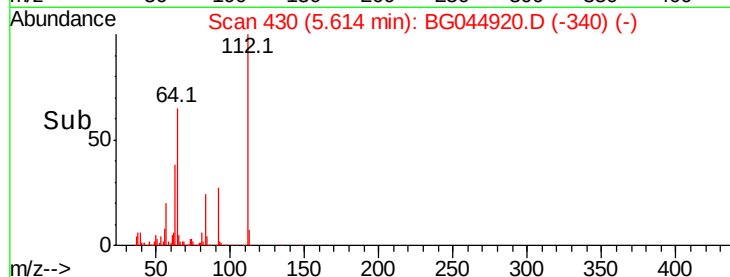
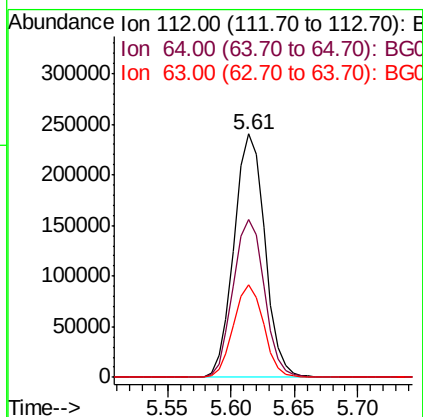
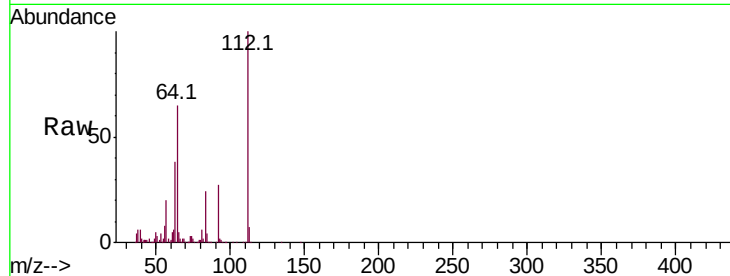
ClientSampleId :

PB127705BS

Tot Ion:	112	Resp:	405123
Ion Ratio	Lower	Upper	
112	100		
64	64.8	53.4	80.2
63	38.0	29.4	44.2

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#6

Aniline

Concen: 23.537 ng

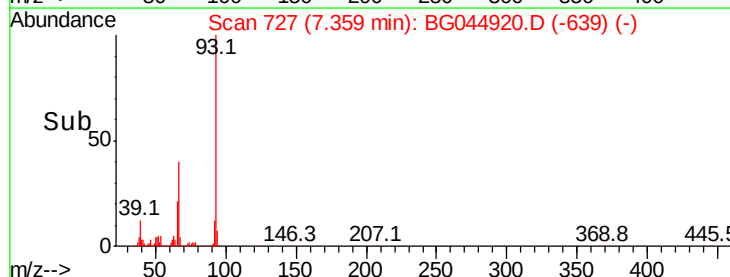
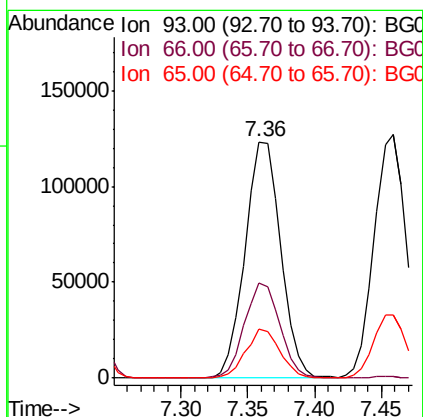
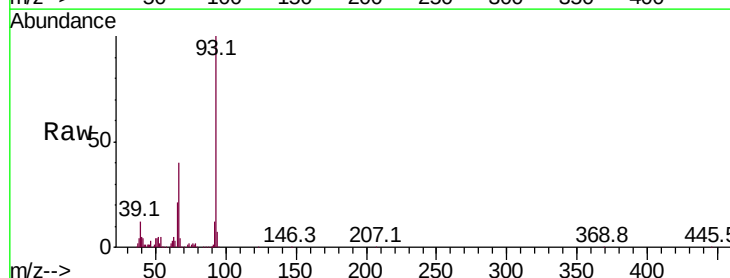
RT: 7.36 min Scan# 727

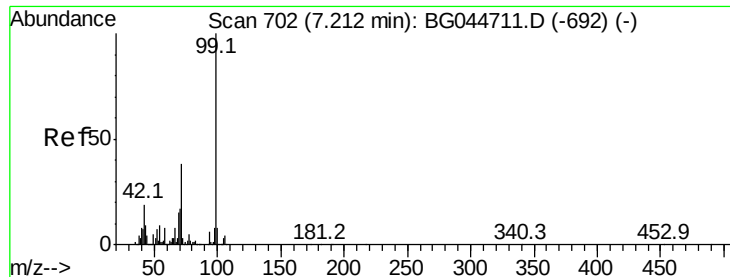
Delta R.T. -0.01 min

Lab File: BG044920.D

Acq: 20 Mar 2020 15:15

Tgt Ion:	93	Resp:	227038
Ion Ratio	Lower	Upper	
93	100		
66	40.1	33.7	50.5
65	20.7	17.7	26.5





#7

Phenol-d6

Concen: 73.647 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.01 min

Lab File: BG044920.D

Acq: 20 Mar 2020 15:15

Instrument :

BNA_G

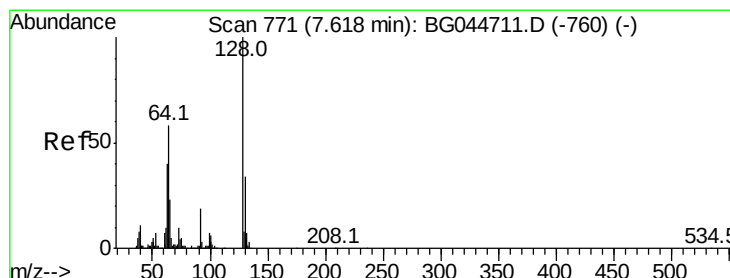
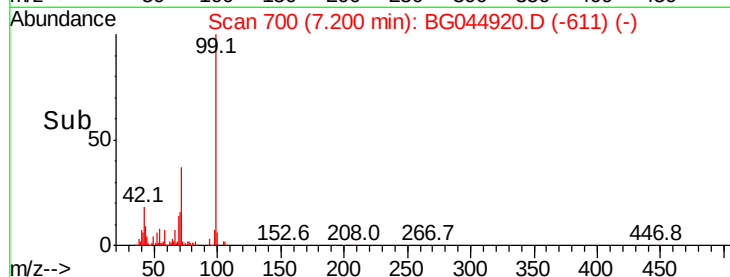
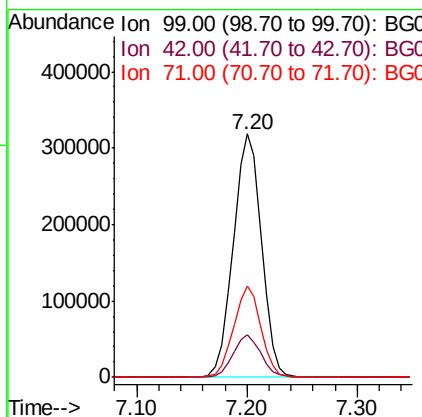
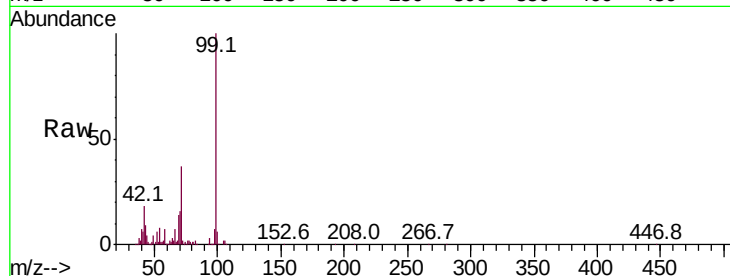
ClientSampleId :

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Tot Ion	Ratio	Lower	Upper
99	100		
42	17.7	12.6	19.0
71	37.2	29.0	43.4

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#8

2-Chlorophenol

Concen: 41.941 ng

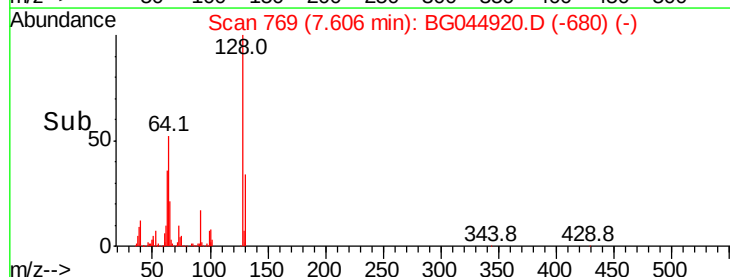
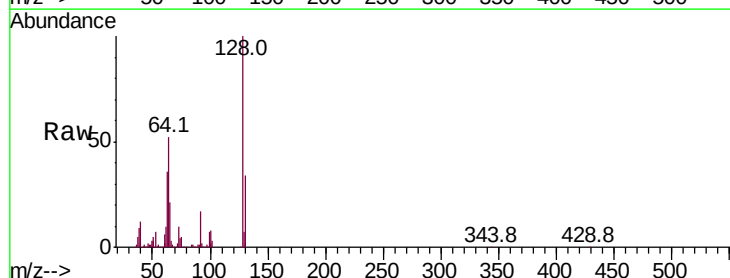
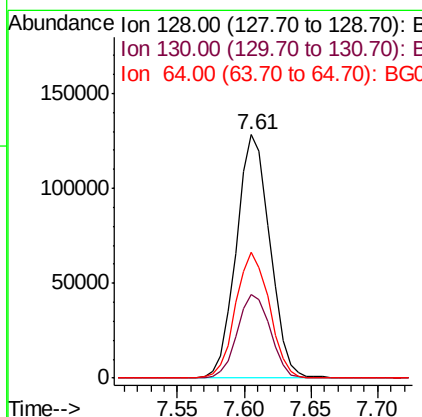
RT: 7.61 min Scan# 769

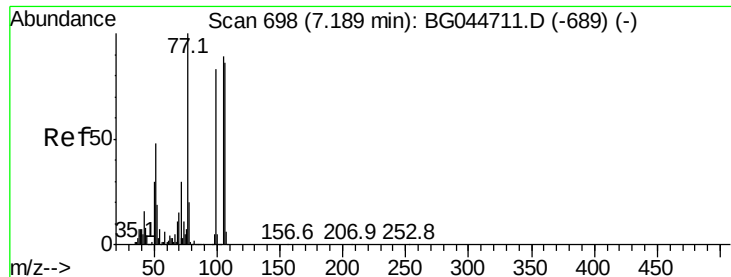
Delta R.T. -0.01 min

Lab File: BG044920.D

Acq: 20 Mar 2020 15:15

Tgt Ion	Ratio	Lower	Upper
128	100		
130	34.4	11.6	51.6
64	51.8	34.5	74.5





#9

Benzaldehyde

Concen: 33.655 ng

RT: 7.17 min Scan# 695

Delta R.T. -0.01 min

Lab File: BG044920.D

Acq: 20 Mar 2020 15:15

Instrument :

BNA_G

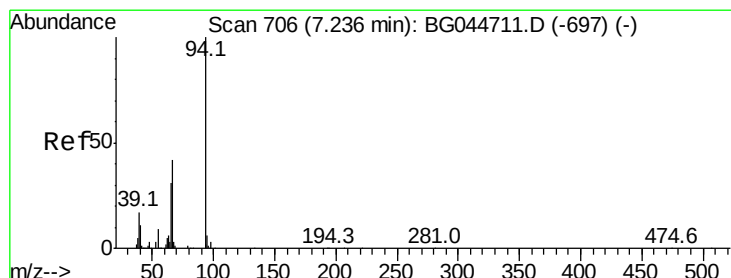
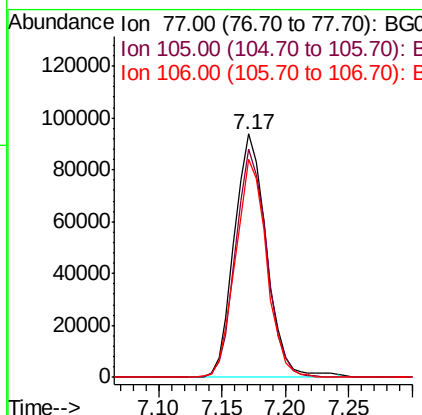
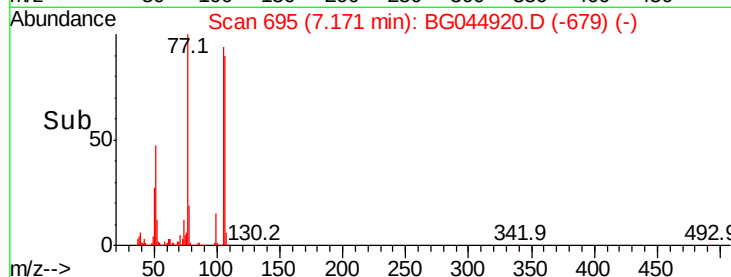
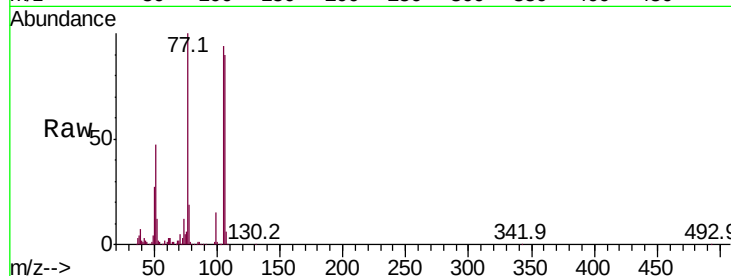
ClientSampleId :

PB127705BS

Tot Ion:	77	Resp:	166260
Ion Ratio	Lower	Upper	
77	100		
105	93.7	69.3	109.3
106	89.6	64.5	104.5

Manual Integrations
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#10

Phenol

Concen: 38.678 ng

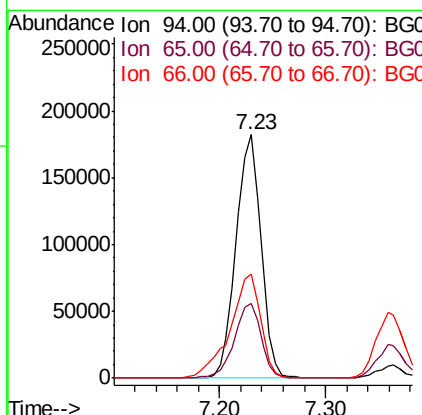
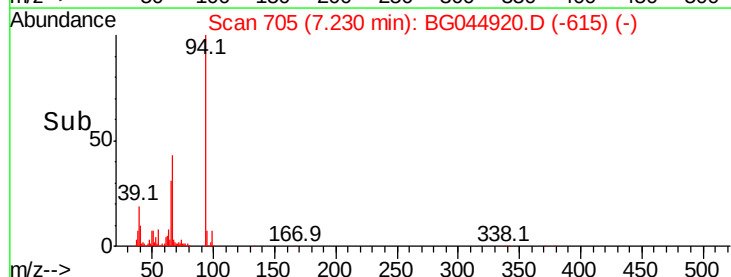
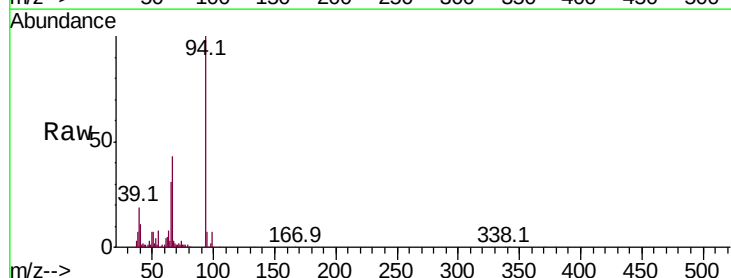
RT: 7.23 min Scan# 705

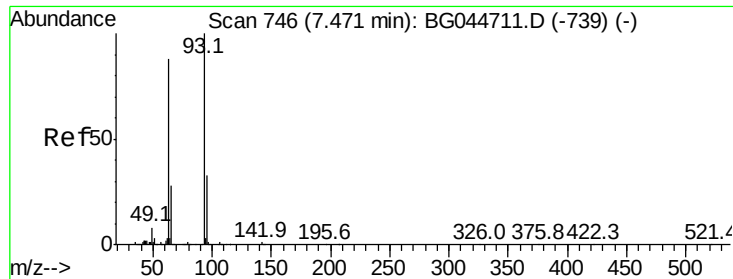
Delta R.T. 0.00 min

Lab File: BG044920.D

Acq: 20 Mar 2020 15:15

Tgt Ion:	94	Resp:	296834
Ion Ratio	Lower	Upper	
94	100		
65	30.8	11.0	51.0
66	42.6	20.1	60.1





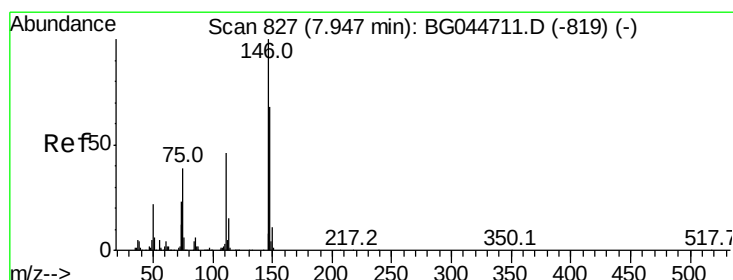
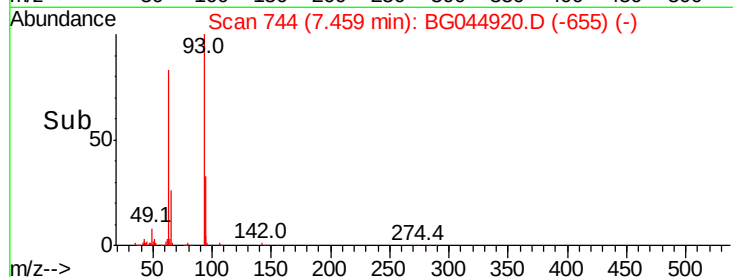
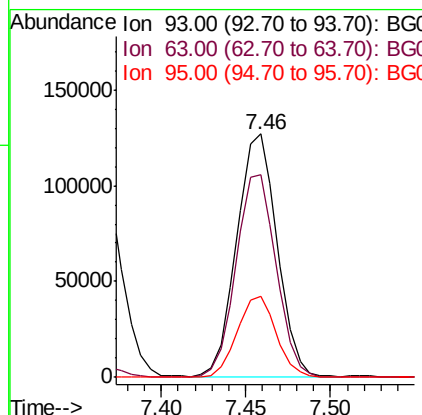
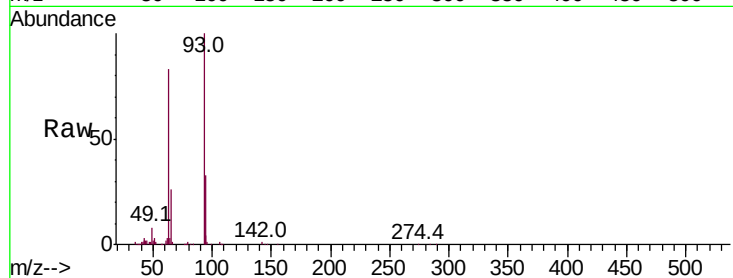
#11
bis(2-Chloroethyl)ether
Concen: 34.406 ng
RT: 7.46 min Scan# 744
Delta R.T. -0.01 min
Lab File: BG044920.D
Acq: 20 Mar 2020 15:15

Instrument :
BNA_G
ClientSampleId :
PB127705BS

Tot Ion	Ratio	Resp	Lower	Upper
93	100	210738		
63	83.0	59.7	99.7	
95	33.3	13.1	53.1	

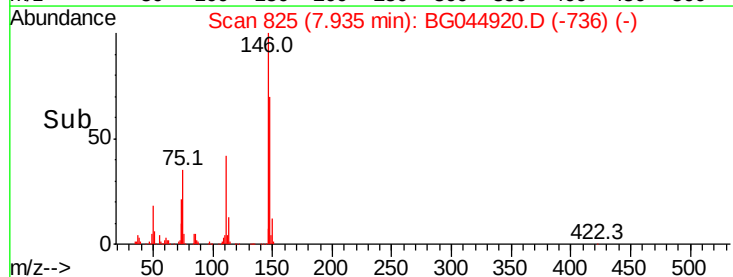
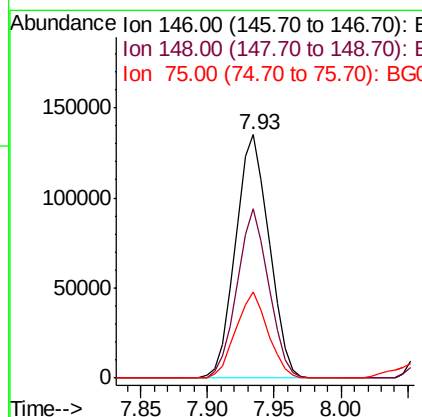
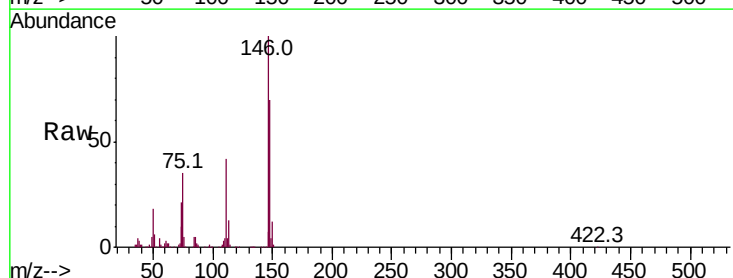
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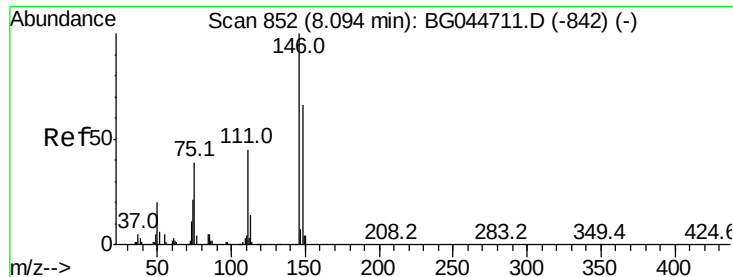
mohammad
3/23/2020 9:39:40 AM



#12
1,3-Dichlorobenzene
Concen: 35.900 ng
RT: 7.93 min Scan# 825
Delta R.T. -0.01 min
Lab File: BG044920.D
Acq: 20 Mar 2020 15:15

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	235534		
148	69.6	54.2	81.4	
75	35.4	28.6	42.8	





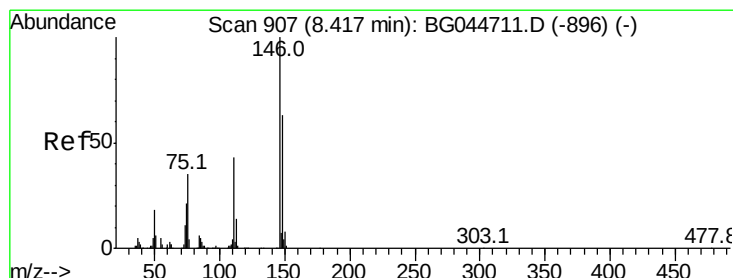
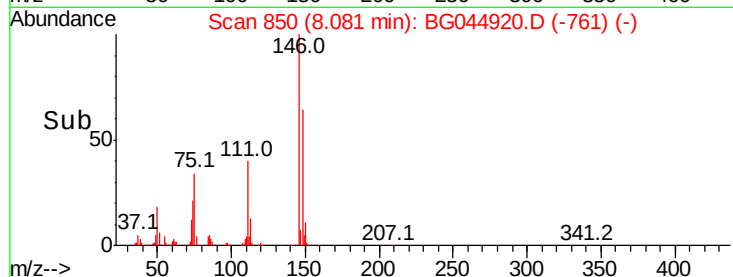
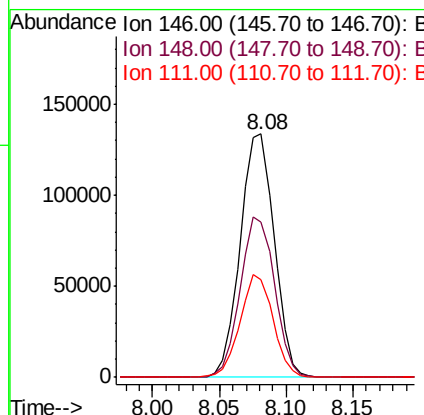
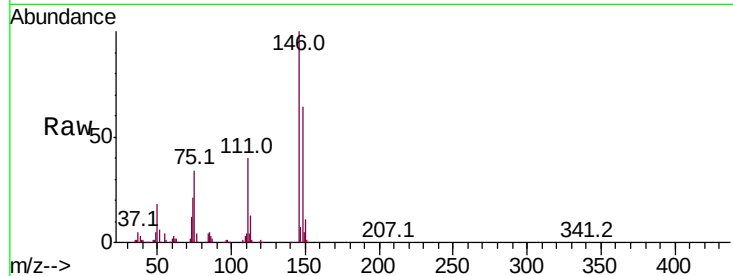
#13
 1,4-Dichlorobenzene
 Concen: 36.410 ng
 RT: 8.08 min Scan# 850
 Delta R.T. -0.01 min
 Lab File: BG044920.D
 Acq: 20 Mar 2020 15:15

Instrument :
 BNA_G
 ClientSampleId :
 PB127705BS

Tot Ion	Ratio	Resp Lower	Upper
146	100		
148	63.8	53.8	80.6
111	40.0	32.0	48.0

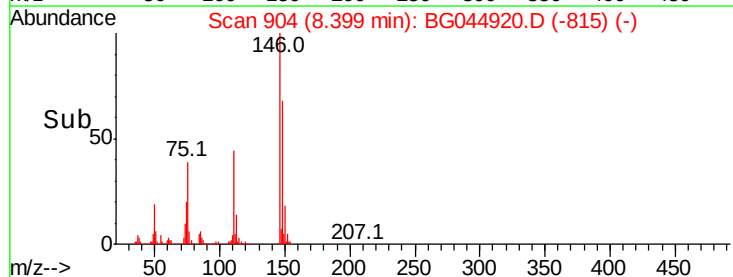
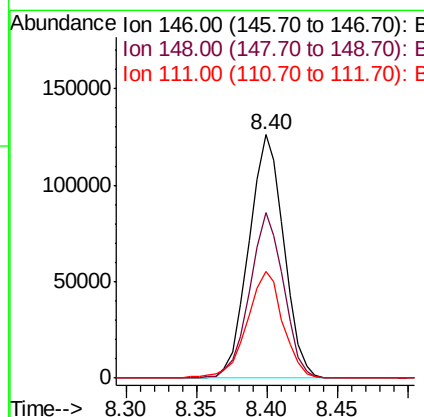
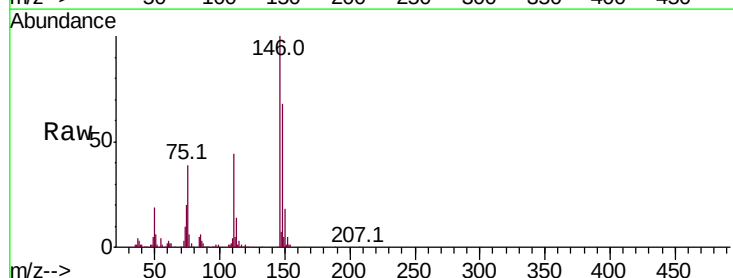
Manual Integrations
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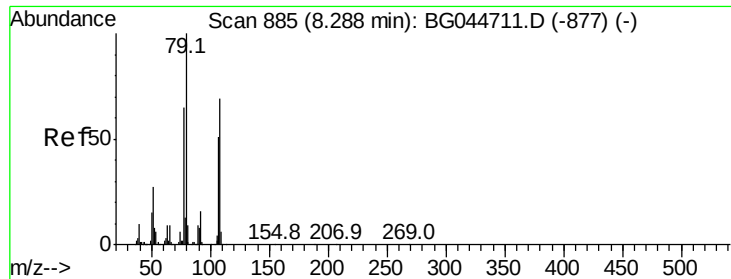
mohammad
 3/23/2020 9:39:40 AM



#14
 1,2-Dichlorobenzene
 Concen: 35.587 ng
 RT: 8.40 min Scan# 904
 Delta R.T. -0.01 min
 Lab File: BG044920.D
 Acq: 20 Mar 2020 15:15

Tgt Ion	Ratio	Resp Lower	Upper
146	100		
148	68.1	52.1	78.1
111	43.6	33.4	50.2





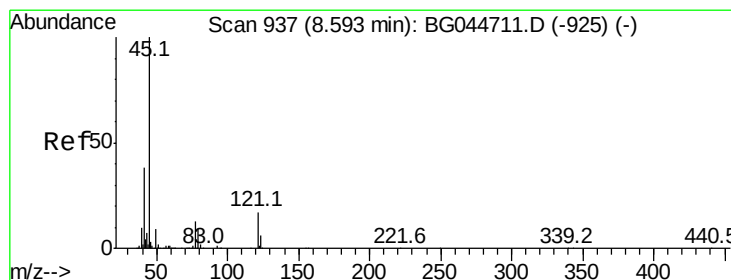
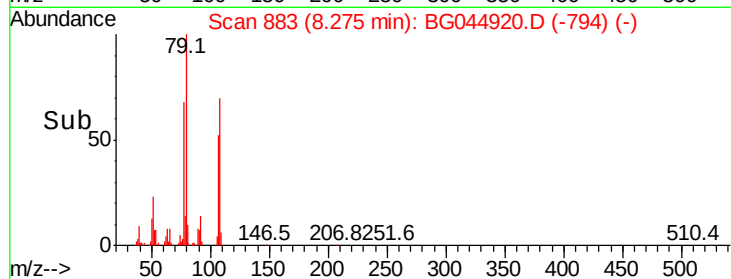
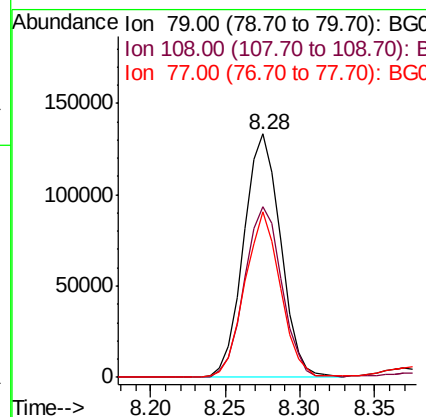
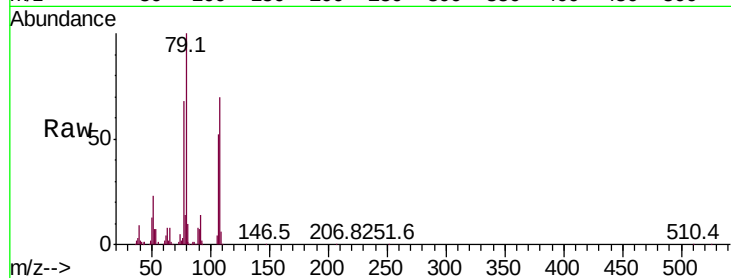
#15
Benzyl Alcohol
Concen: 36.703 ng
RT: 8.28 min Scan# 883
Delta R.T. -0.01 min
Lab File: BG044920.D
Acq: 20 Mar 2020 15:15

Instrument :
BNA_G
ClientSampleId :
PB127705BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	70.2	53.8	80.8
77	68.0	47.8	71.8

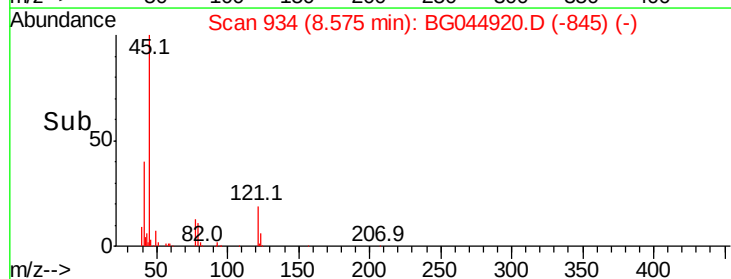
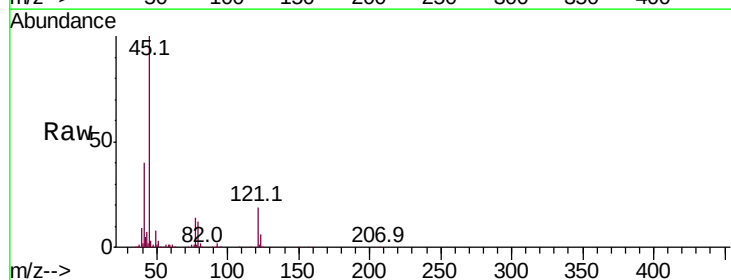
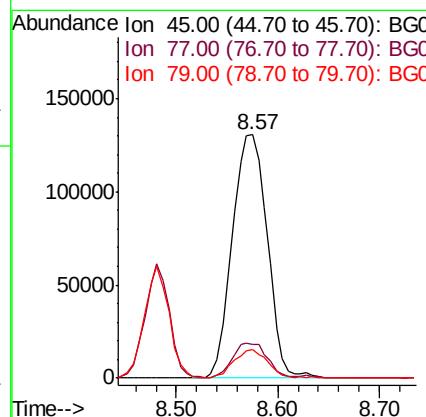
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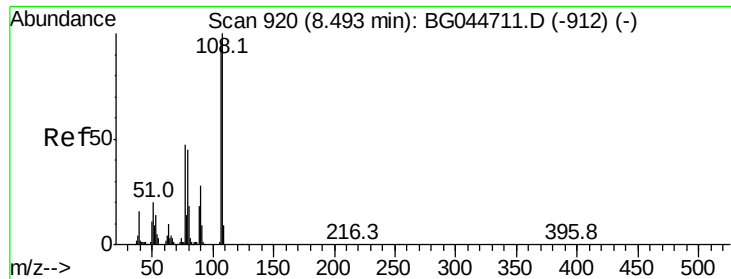
mohammad
3/23/2020 9:39:40 AM



#16
2,2'-oxybis(1-chloropropane)
Concen: 28.820 ng
RT: 8.57 min Scan# 934
Delta R.T. -0.01 min
Lab File: BG044920.D
Acq: 20 Mar 2020 15:15

Tgt Ion	Ratio	Lower	Upper
45	100		
77	14.0	0.0	33.9
79	11.8	0.0	30.8





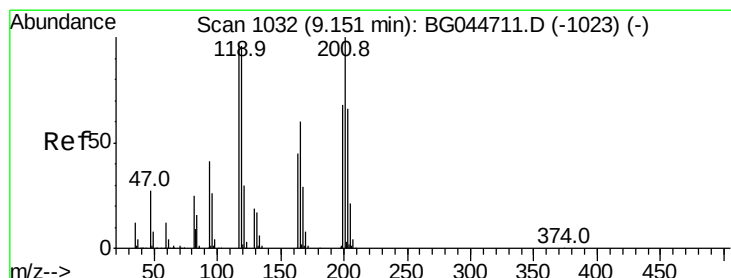
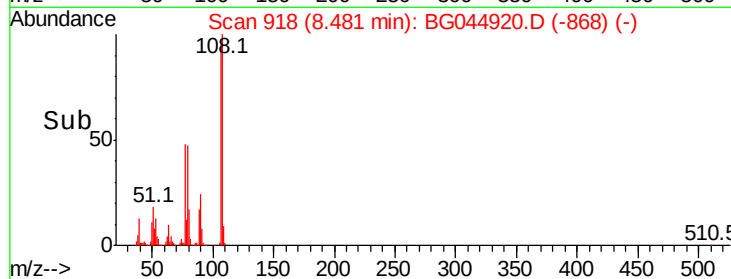
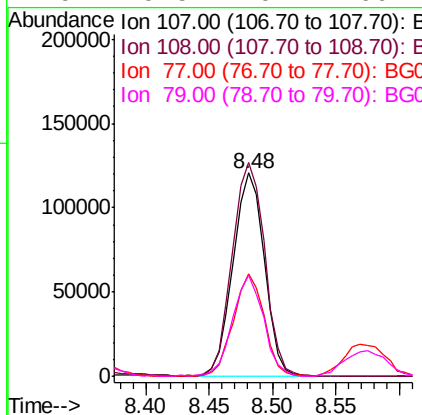
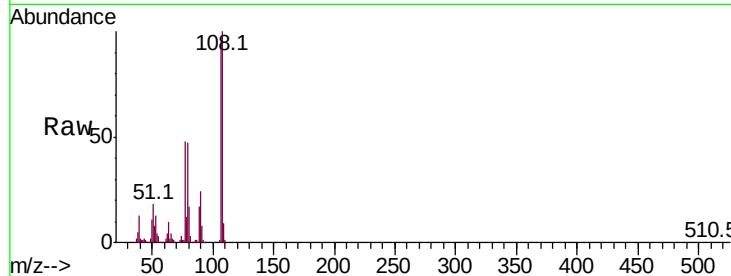
#17
2-Methylphenol
Concen: 39.773 ng
RT: 8.48 min Scan# 918
Delta R.T. -0.01 min
Lab File: BG044920.D
Acq: 20 Mar 2020 15:15

Instrument :
BNA_G
ClientSampleId :
PB127705BS

Tot Ion:	107	Resp:	206763
Ion Ratio	Lower	Upper	
107	100		
108	105.1	91.8	137.8
77	50.6	40.0	60.0
79	49.5	40.2	60.2

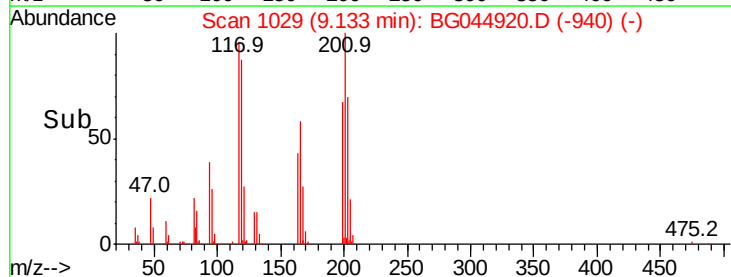
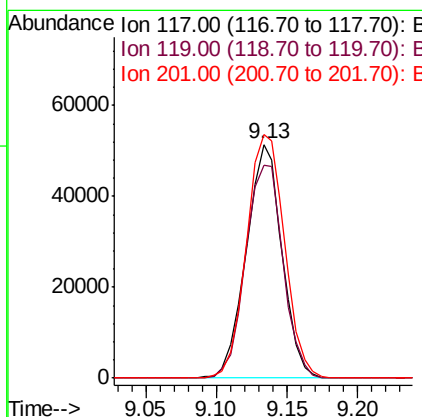
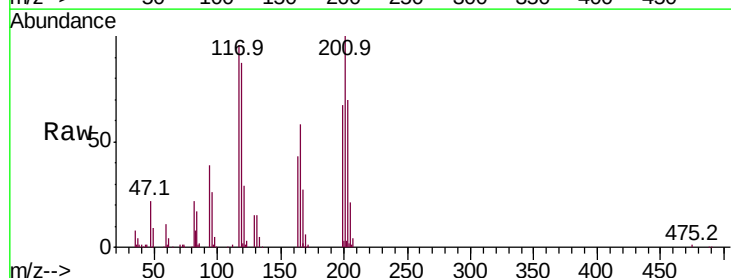
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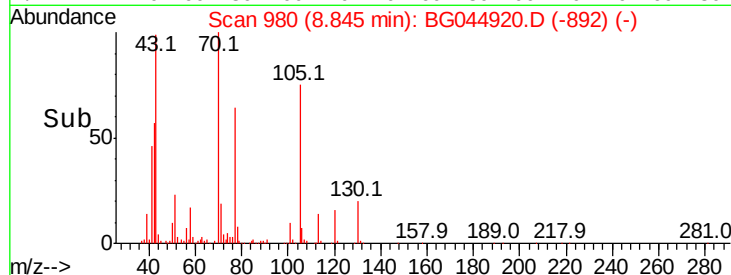
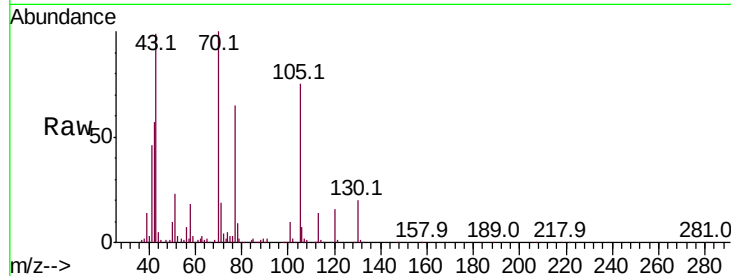
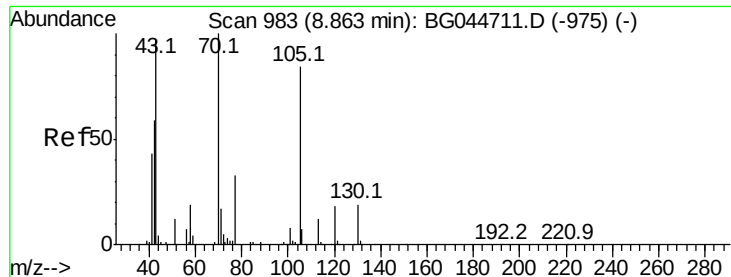
mohammad
3/23/2020 9:39:40 AM



#18
Hexachloroethane
Concen: 35.676 ng
RT: 9.13 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BG044920.D
Acq: 20 Mar 2020 15:15

Tgt Ion:	117	Resp:	91105
Ion Ratio	Lower	Upper	
117	100		
119	90.9	75.2	112.8
201	104.2	81.1	121.7





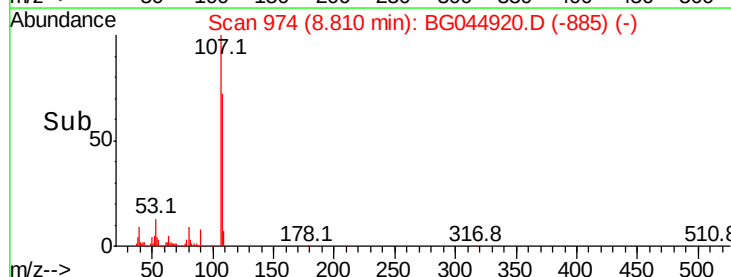
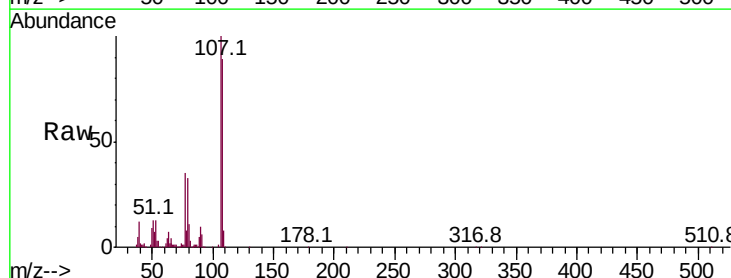
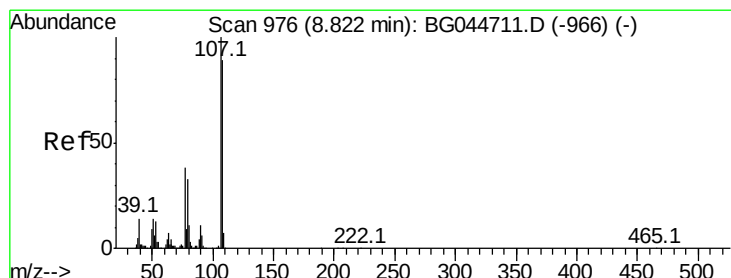
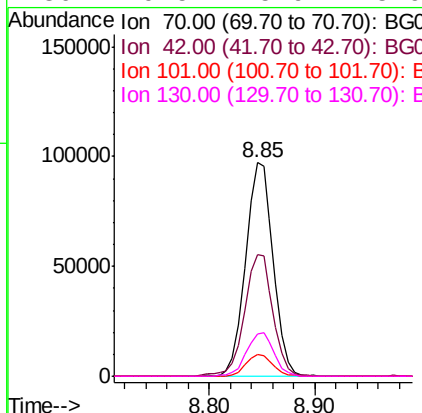
#19
n-Nitroso-di-n-propylamine
Concen: 32.199 ng
RT: 8.85 min Scan# 980
Delta R.T. -0.01 min
Lab File: BG044920.D
Acq: 20 Mar 2020 15:15

Instrument :
BNA_G
ClientSampleId :
PB127705BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	57.2	45.7	68.5
101	10.1	7.4	11.2
130	19.5	15.9	23.9

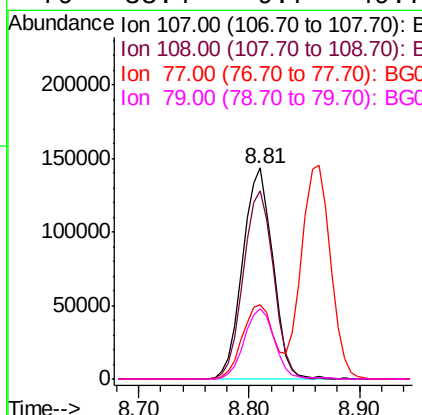
Manual Integrations
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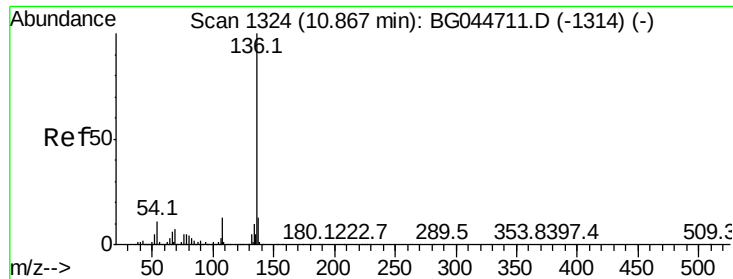
mohammad
3/23/2020 9:39:40 AM



#20
3+4-Methylphenols
Concen: 38.571 ng
RT: 8.81 min Scan# 974
Delta R.T. -0.01 min
Lab File: BG044920.D
Acq: 20 Mar 2020 15:15

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.2	71.3	111.3
77	34.9	16.9	56.9
79	33.4	9.7	49.7





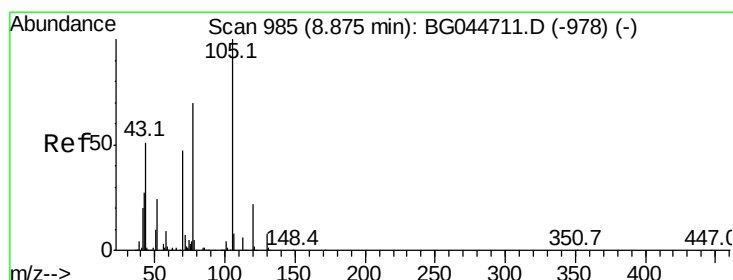
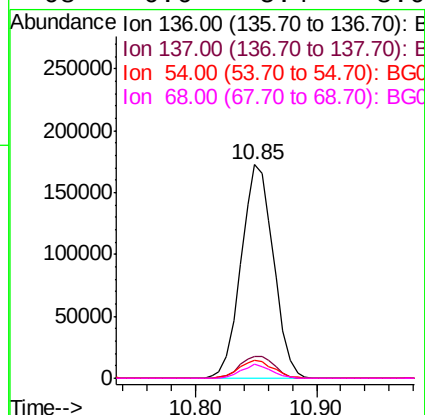
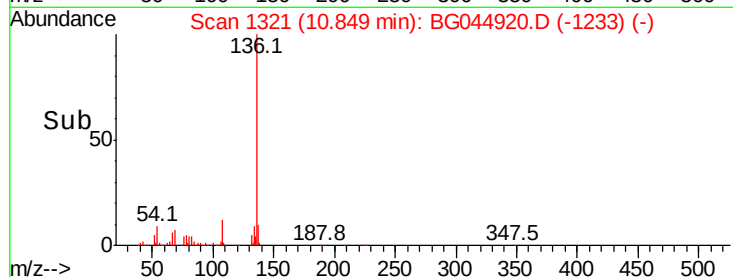
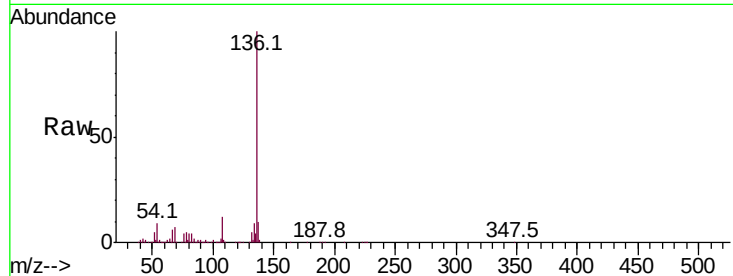
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1321
Delta R.T. -0.01 min
Lab File: BG044920.D
Acq: 20 Mar 2020 15:15

Instrument :
BNA_G
ClientSampleId :
PB127705BS

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	10.5	9.8	14.6
54	8.6	7.9	11.9
68	6.6	5.4	8.0

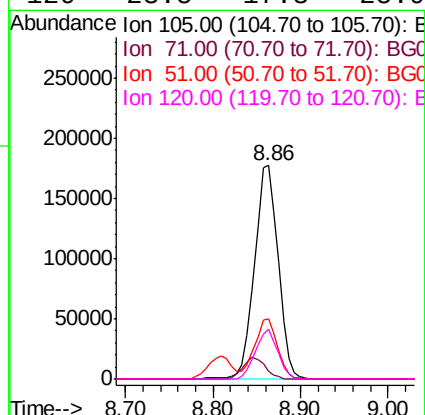
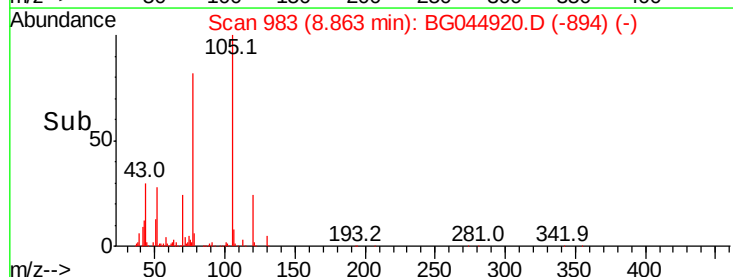
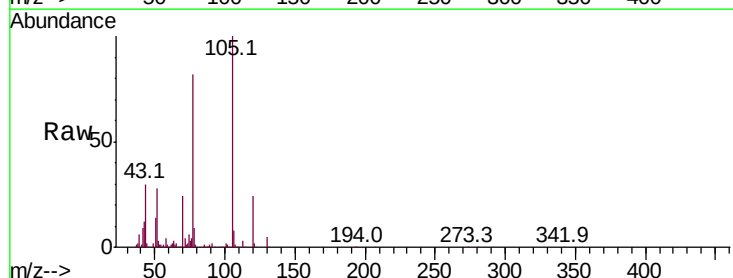
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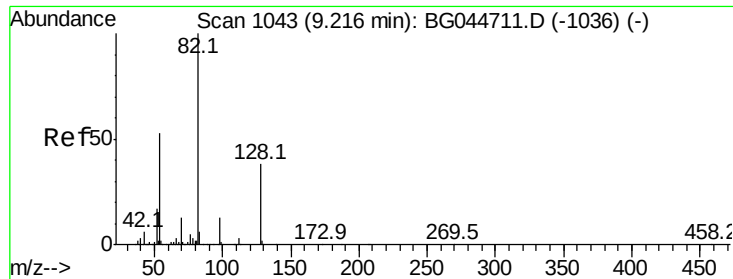
mohammad
3/23/2020 9:39:40 AM



#22
Acetophenone
Concen: 35.860 ng
RT: 8.86 min Scan# 983
Delta R.T. -0.01 min
Lab File: BG044920.D
Acq: 20 Mar 2020 15:15

Tgt Ion	Ratio	Resp Lower	Upper
105	100		
71	3.7	3.9	5.9#
51	28.2	22.6	33.8
120	23.5	17.3	25.9





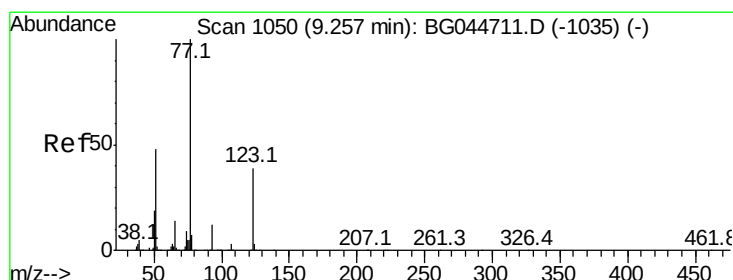
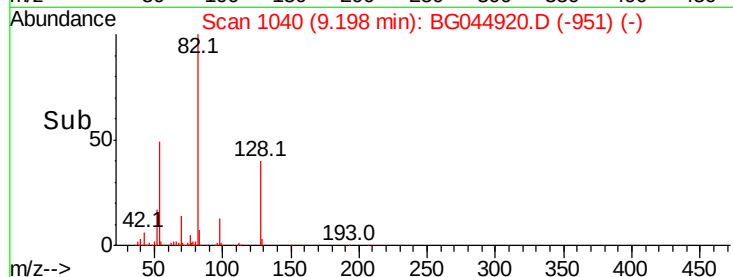
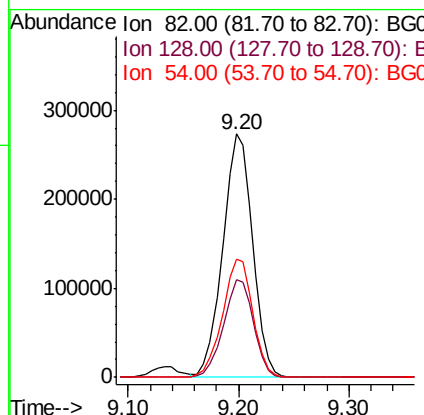
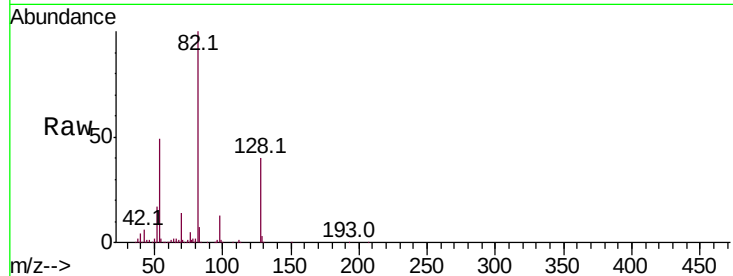
#23
Nitrobenzene-d5
Concen: 70.378 ng
RT: 9.20 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BG044920.D
Acq: 20 Mar 2020 15:15

Instrument :
BNA_G
ClientSampleId :
PB127705BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	40.4	30.6	46.0
54	48.7	37.1	55.7

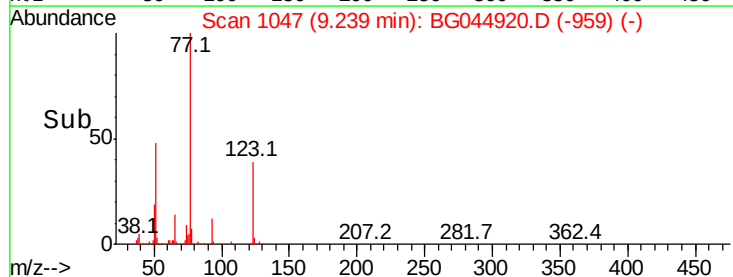
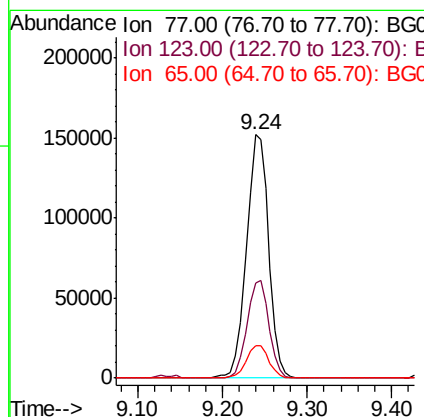
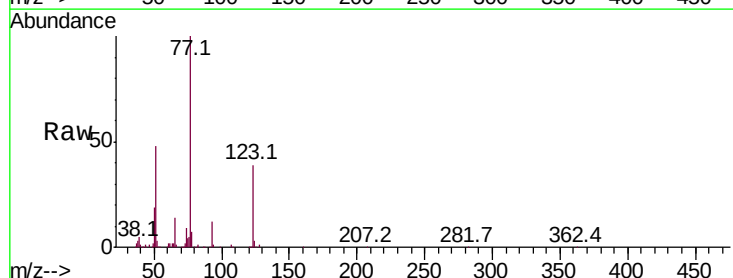
Manual Integrations
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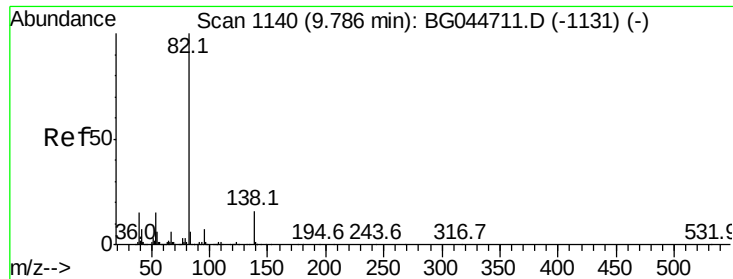
mohammad
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#24
Nitrobenzene
Concen: 36.363 ng
RT: 9.24 min Scan# 1047
Delta R.T. -0.01 min
Lab File: BG044920.D
Acq: 20 Mar 2020 15:15

Tgt Ion	Ratio	Lower	Upper
77	100		
123	38.9	31.3	46.9
65	13.5	11.4	17.0





#25

Isophorone

Concen: 34.878 ng

RT: 9.77 min Scan# 1137

Delta R.T. -0.01 min

Lab File: BG044920.D

Acq: 20 Mar 2020 15:15

Instrument :

BNA_G

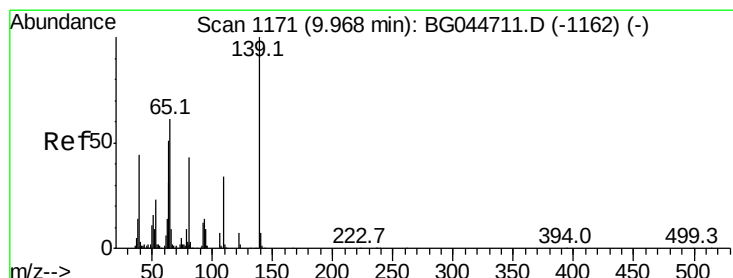
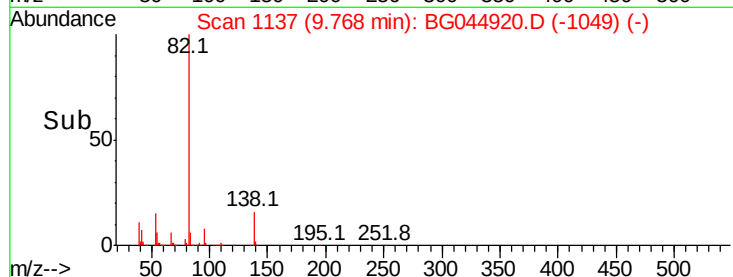
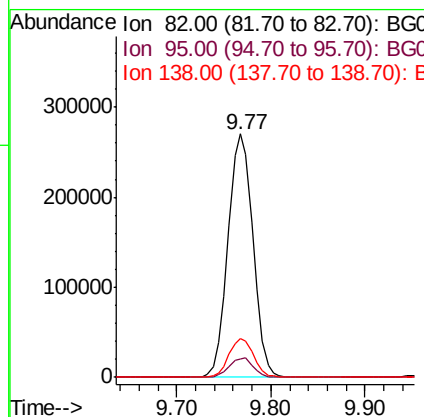
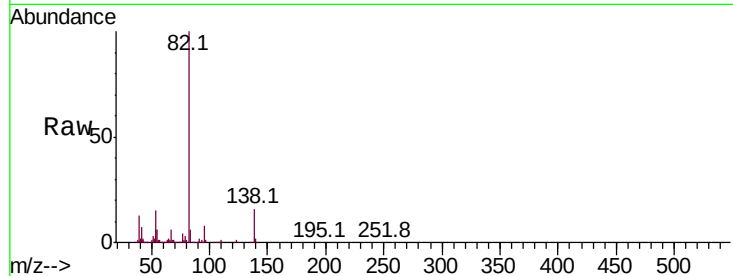
ClientSampleId :

PB127705BS

Tot Ion:	82	Resp:	497824
Ion Ratio	Lower	Upper	
82	100		
95	7.7	5.5	8.3
138	15.9	12.5	18.7

Manual Integrations
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3/23/2020 9:39:40 AM



#26

2-Nitrophenol

Concen: 45.631 ng

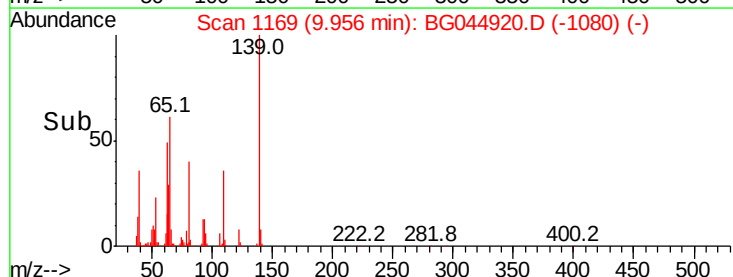
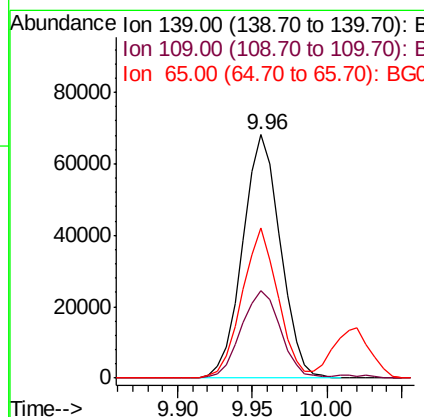
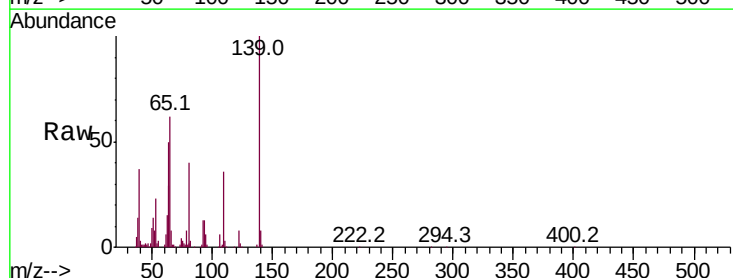
RT: 9.96 min Scan# 1169

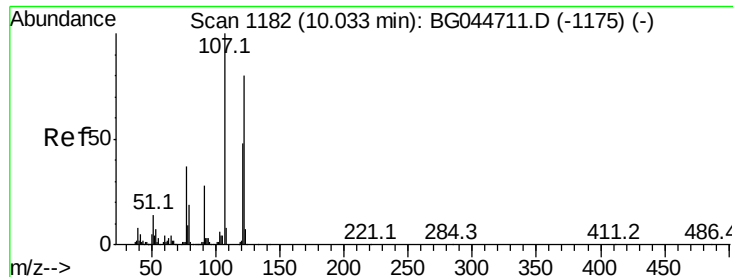
Delta R.T. -0.01 min

Lab File: BG044920.D

Acq: 20 Mar 2020 15:15

Tgt Ion:	139	Resp:	119402
Ion Ratio	Lower	Upper	
139	100		
109	35.7	30.2	45.4
65	61.9	46.3	69.5





#27

2,4-Dimethylphenol

Concen: 44.658 ng

RT: 10.01 min Scan# 1179

Delta R.T. -0.01 min

Lab File: BG044920.D

Acq: 20 Mar 2020 15:15

Instrument :

BNA_G

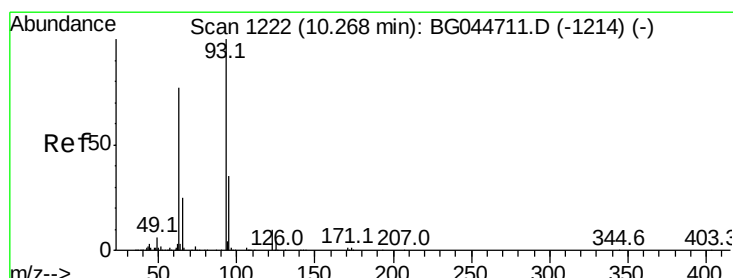
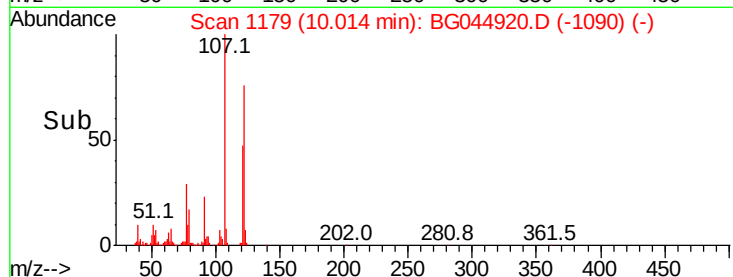
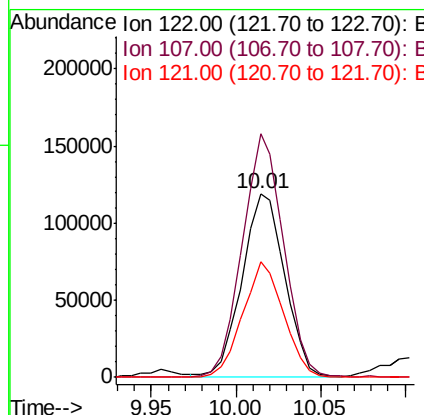
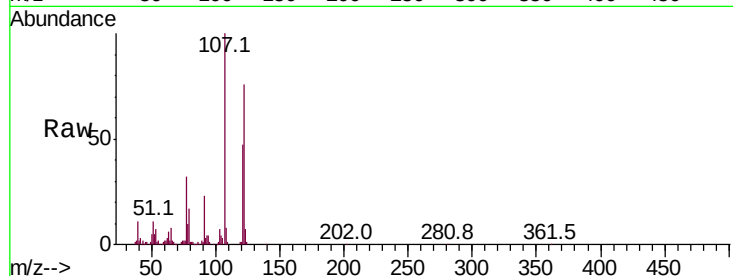
ClientSampleId :

PB127705BS

Tot Ion:	122	Resp:	207576
Ion Ratio	Lower	Upper	
122	100		
107	132.4	107.1	160.7
121	62.6	46.8	70.2

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3/23/2020 9:39:40 AM



#28

bis(2-Chloroethoxy)methane

Concen: 33.391 ng

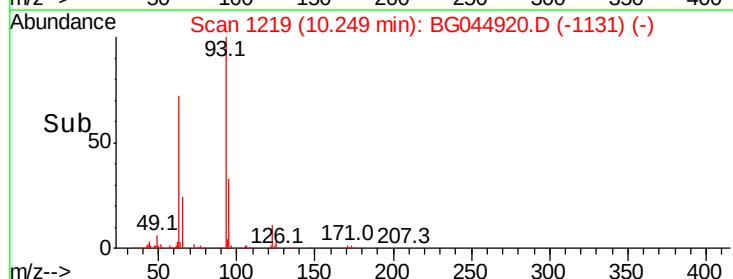
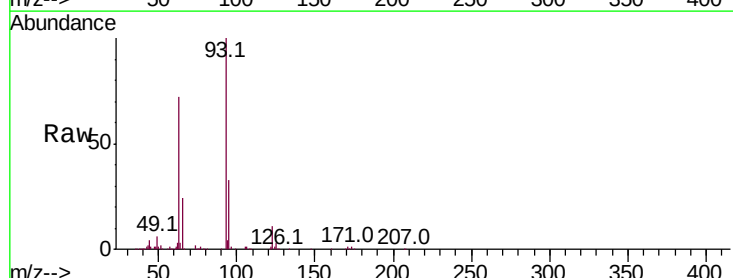
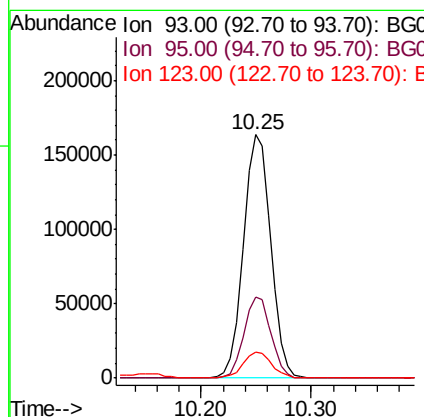
RT: 10.25 min Scan# 1219

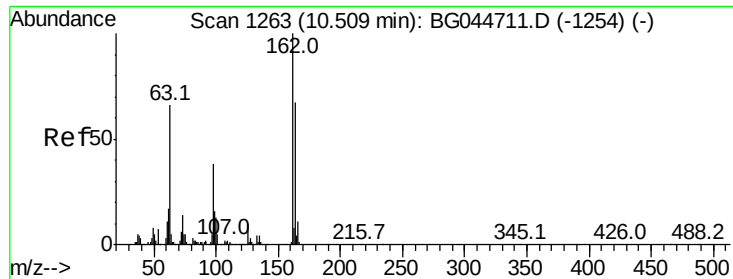
Delta R.T. -0.01 min

Lab File: BG044920.D

Acq: 20 Mar 2020 15:15

Tgt Ion:	93	Resp:	284430
Ion Ratio	Lower	Upper	
93	100		
95	33.3	26.4	39.6
123	10.6	8.4	12.6





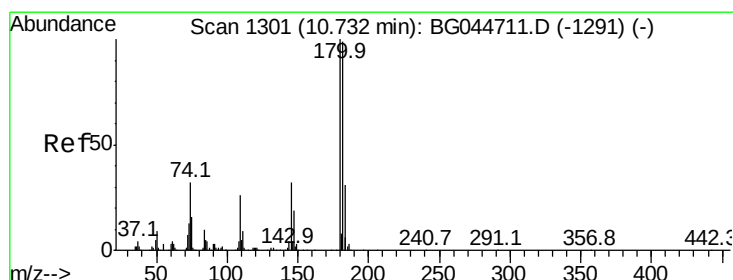
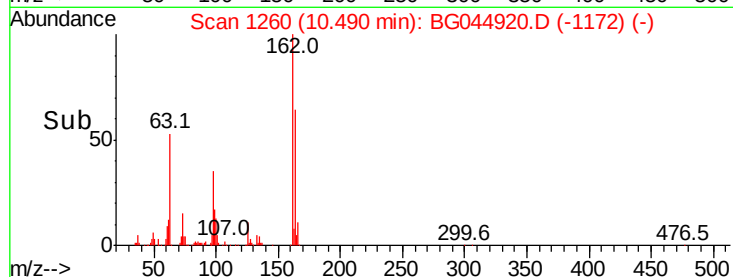
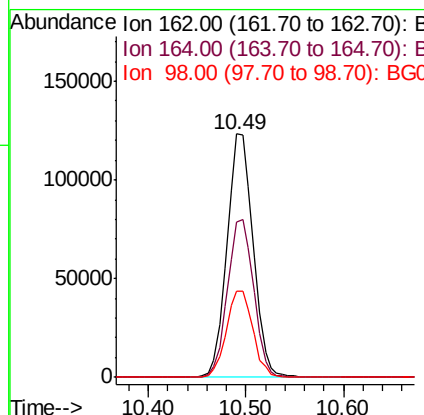
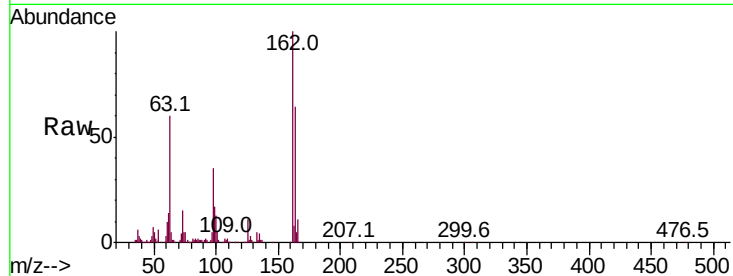
#29
2,4-Dichlorophenol
Concen: 42.143 ng
RT: 10.49 min Scan# 1260
Delta R.T. -0.01 min
Lab File: BG044920.D
Acq: 20 Mar 2020 15:15

Instrument :
BNA_G
ClientSampleId :
PB127705BS

Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	63.7	45.2	85.2
98	35.3	19.0	59.0

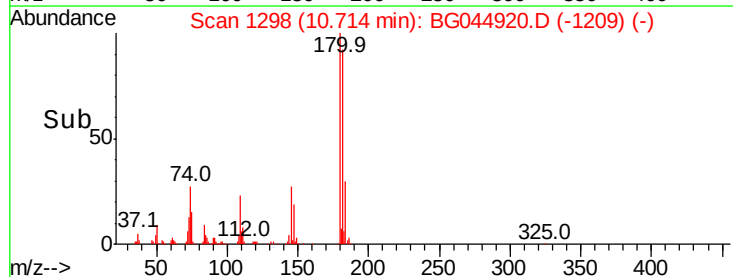
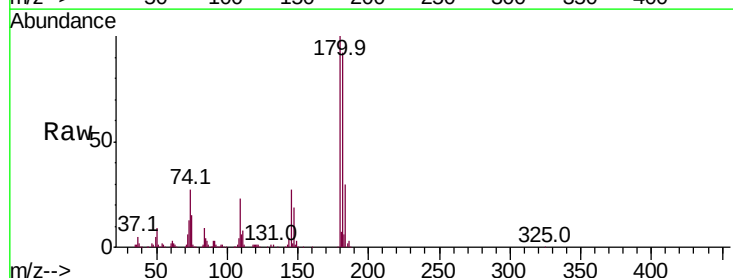
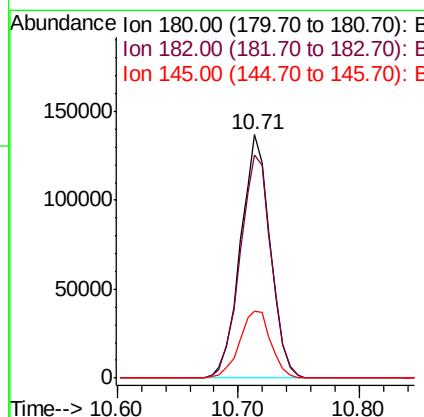
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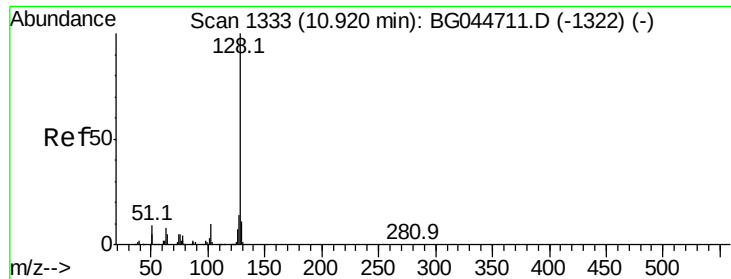
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#30
1,2,4-Trichlorobenzene
Concen: 36.125 ng
RT: 10.71 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BG044920.D
Acq: 20 Mar 2020 15:15

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	91.7	71.6	107.4
145	27.3	23.4	35.0





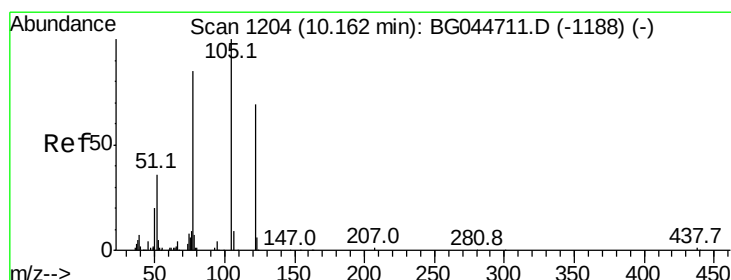
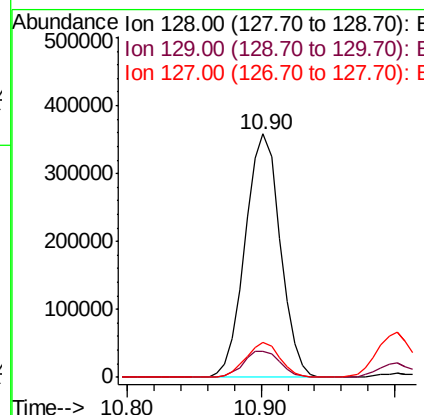
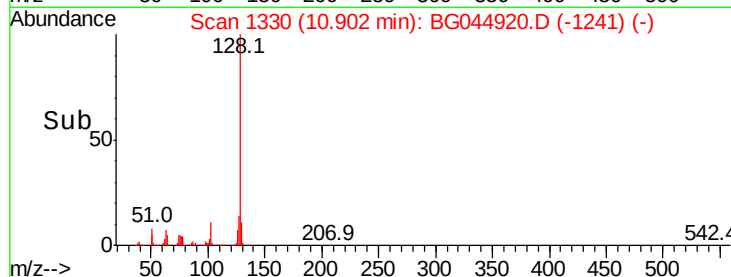
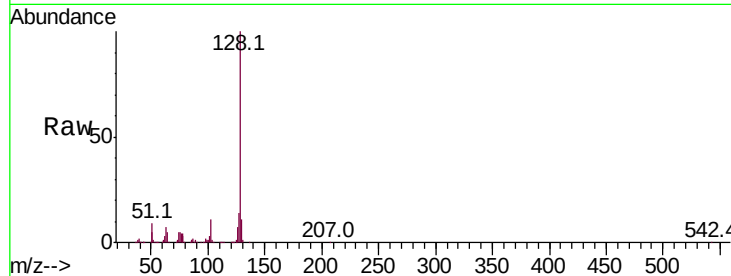
#31
Naphthalene
Concen: 36.538 ng
RT: 10.90 min Scan# 1330
Delta R.T. -0.01 min
Lab File: BG044920.D
Acq: 20 Mar 2020 15:15

Instrument :
BNA_G
ClientSampleId :
PB127705BS

Tot Ion	Ratio	Resp	Lower	Upper
128	100			
129	10.9	9.0	13.4	
127	14.2	10.8	16.2	

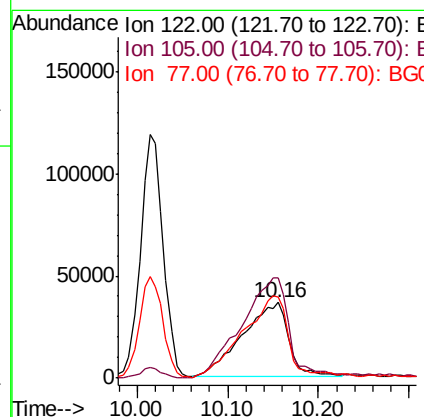
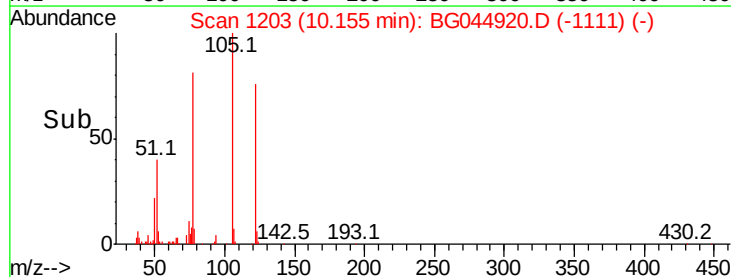
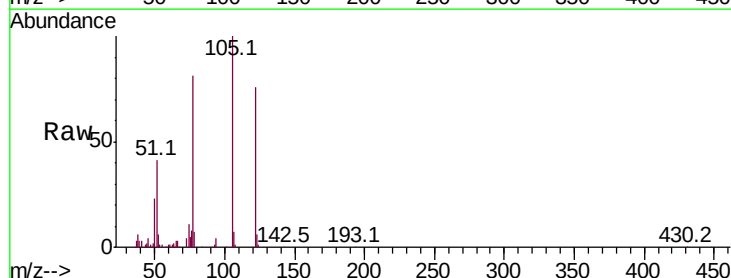
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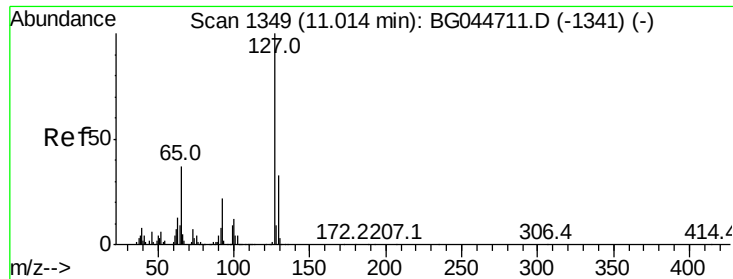
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#32
Benzoic acid
Concen: 38.431 ng
RT: 10.16 min Scan# 1203
Delta R.T. 0.01 min
Lab File: BG044920.D
Acq: 20 Mar 2020 15:15

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	132.0	109.1	149.1	
77	106.6	85.3	125.3	





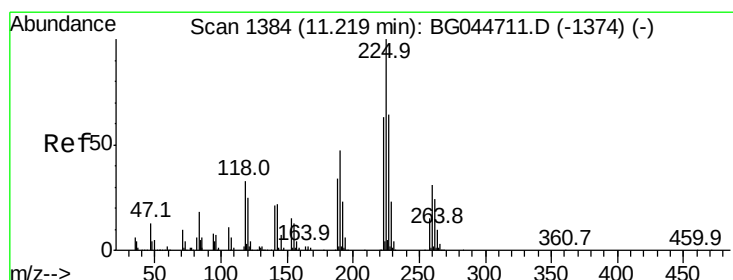
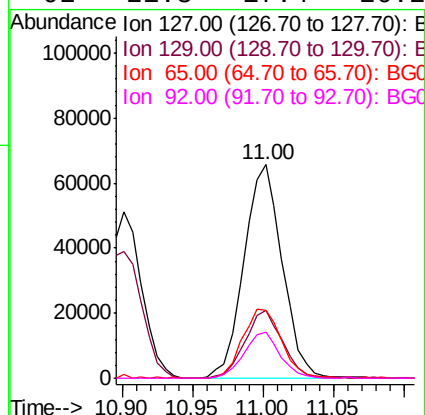
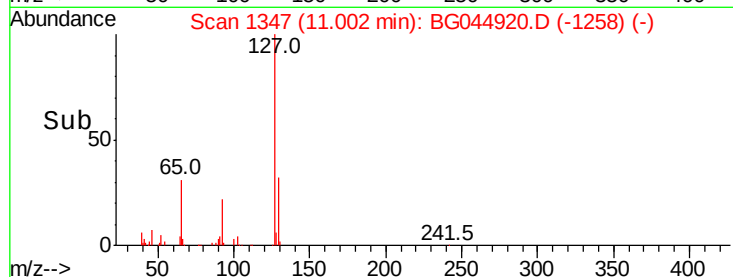
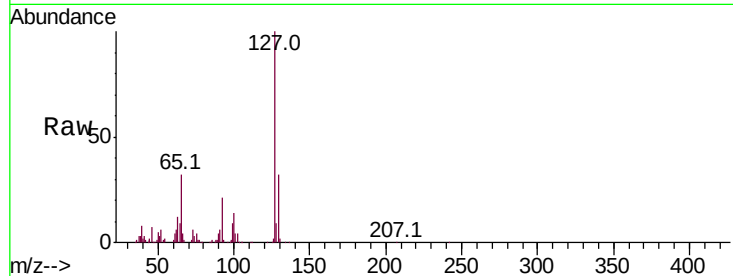
#33
4-Chloroaniline
Concen: 15.542 ng
RT: 11.00 min Scan# 1347
Delta R.T. -0.01 min
Lab File: BG044920.D
Acq: 20 Mar 2020 15:15

Instrument :
BNA_G
ClientSampleId :
PB127705BS

Tot Ion	Ratio	Lower	Upper
127	100		
129	31.6	26.9	40.3
65	31.6	27.7	41.5
92	21.3	17.4	26.2

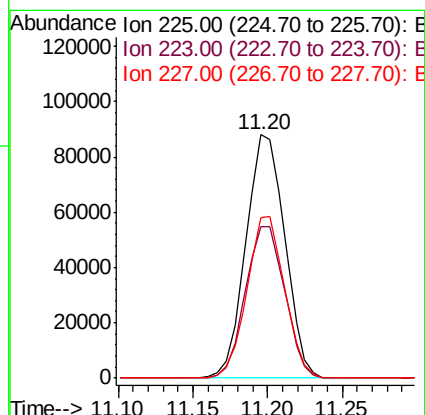
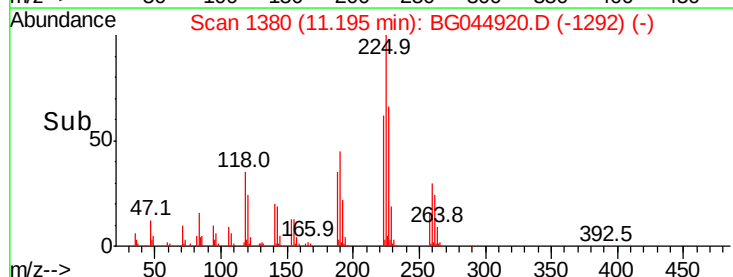
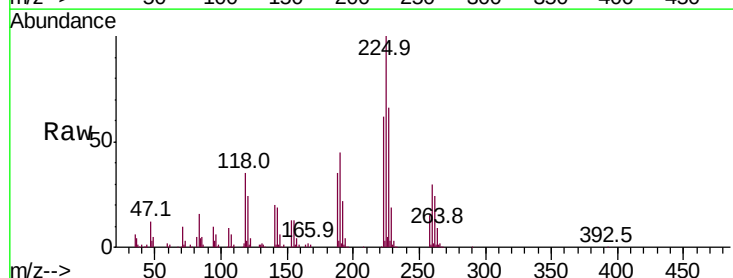
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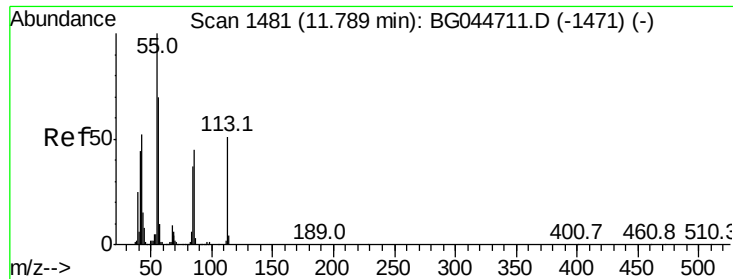
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#34
Hexachlorobutadiene
Concen: 37.112 ng
RT: 11.20 min Scan# 1380
Delta R.T. -0.01 min
Lab File: BG044920.D
Acq: 20 Mar 2020 15:15

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.0	47.4	71.0
227	66.0	50.8	76.2





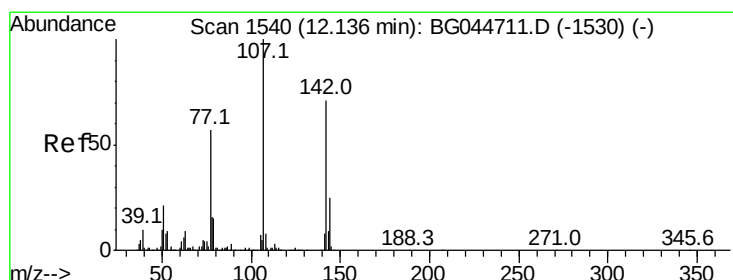
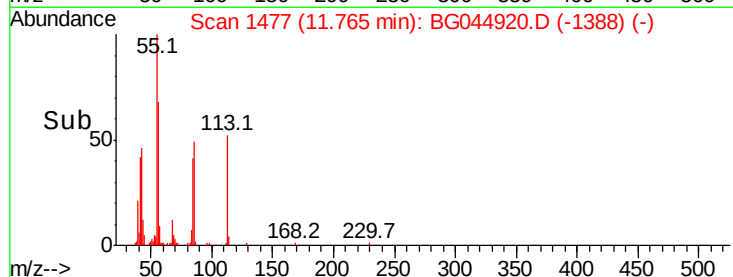
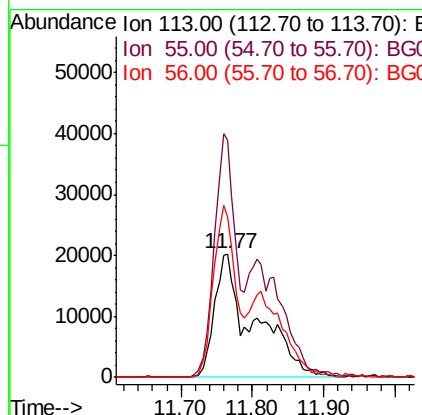
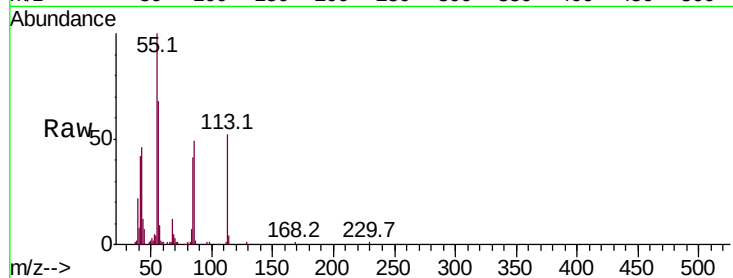
#35
 Caprolactam
 Concen: 38.098 ng/ml
 RT: 11.77 min Scan# 1477
 Delta R.T. -0.01 min
 Lab File: BG044920.D
 Acq: 20 Mar 2020 15:15

Instrument :
 BNA_G
 ClientSampleID :
 PB127705BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	191.6	173.8	213.8
56	129.9	113.8	153.8

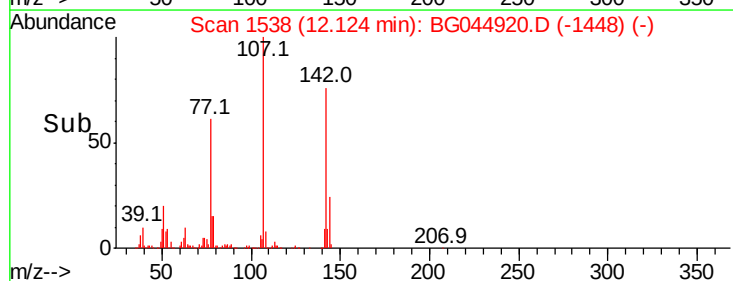
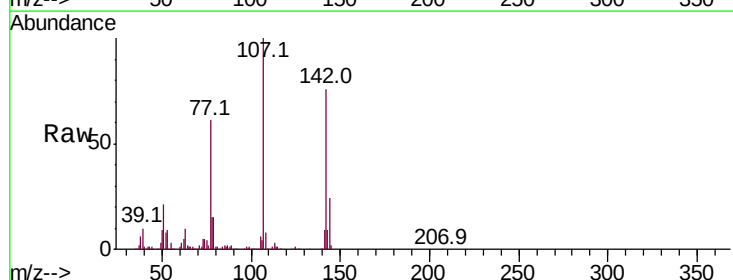
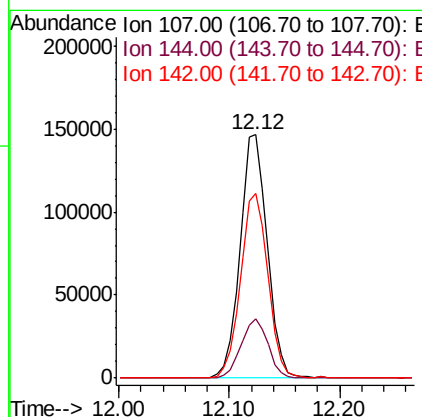
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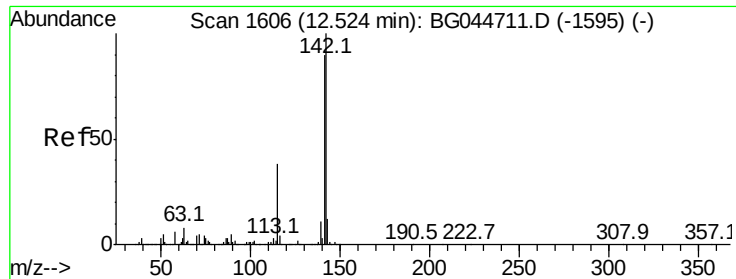
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#36
 4-Chloro-3-methylphenol
 Concen: 39.162 ng/ml
 RT: 12.12 min Scan# 1538
 Delta R.T. 0.00 min
 Lab File: BG044920.D
 Acq: 20 Mar 2020 15:15

Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.4	18.0	27.0
142	76.1	59.0	88.4





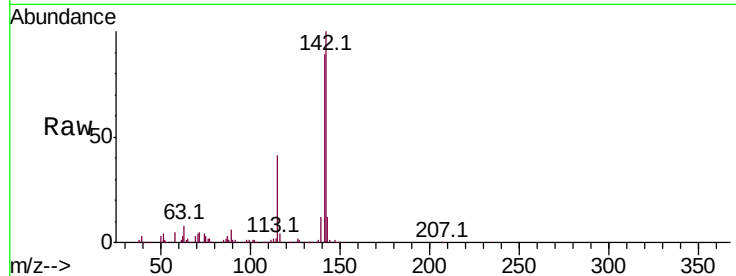
#37
2-Methylnaphthalene
Concen: 36.882 ng
RT: 12.51 min Scan# 1603
Delta R.T. -0.01 min
Lab File: BG044920.D
Acq: 20 Mar 2020 15:15

Instrument :
BNA_G
ClientSampleId :
PB127705BS

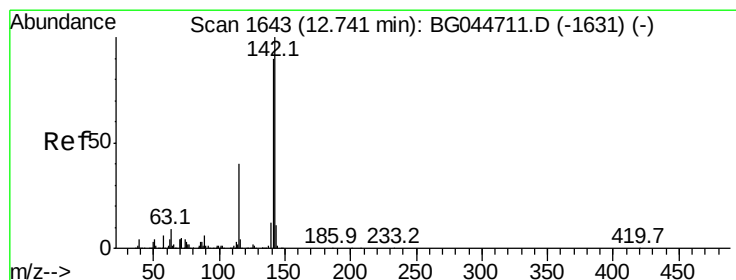
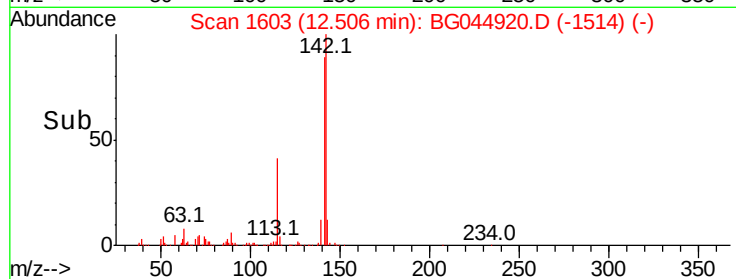
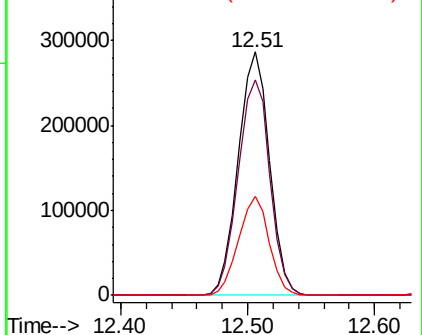
Tot Ion:	142	Resp:	490453
Ion Ratio	Lower	Upper	
142	100		
141	88.6	75.1	112.7
115	40.7	30.6	46.0

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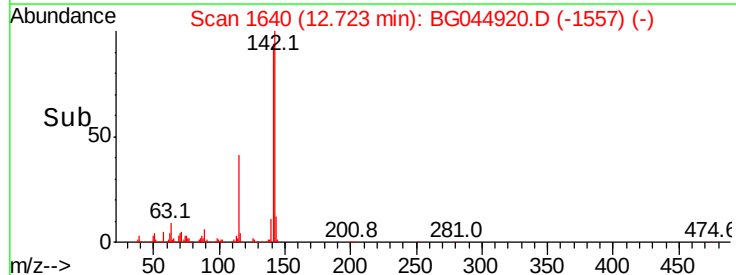
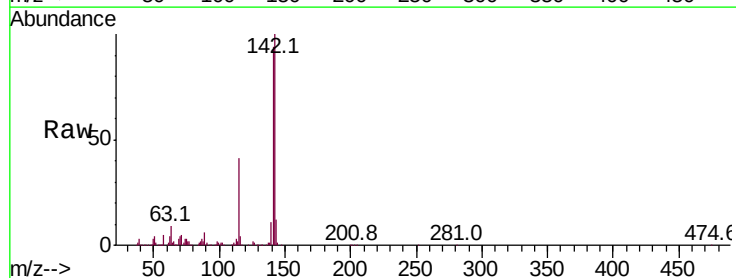
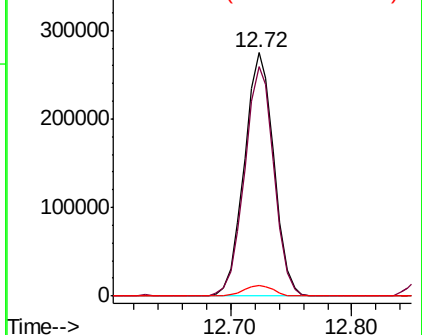
Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

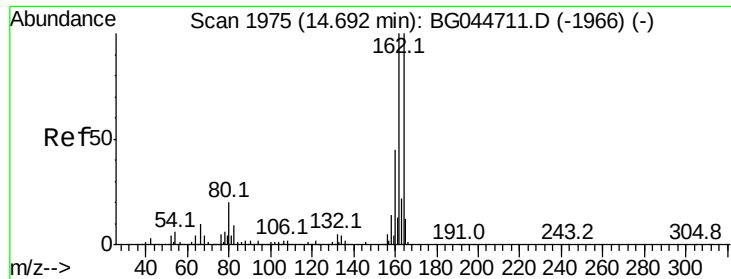


#38
1-Methylnaphthalene
Concen: 37.295 ng
RT: 12.72 min Scan# 1640
Delta R.T. -0.01 min
Lab File: BG044920.D
Acq: 20 Mar 2020 15:15

Tgt Ion:	142	Resp:	466256
Ion Ratio	Lower	Upper	
142	100		
141	94.3	74.7	112.1
116	4.3	3.3	4.9

Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E





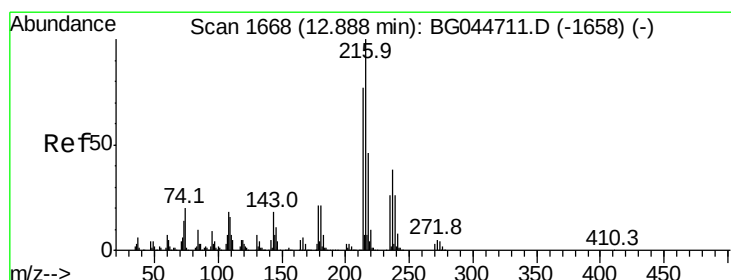
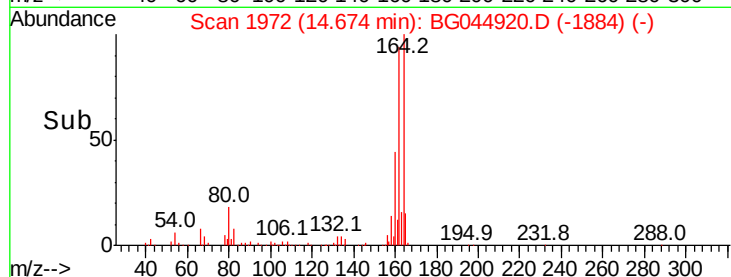
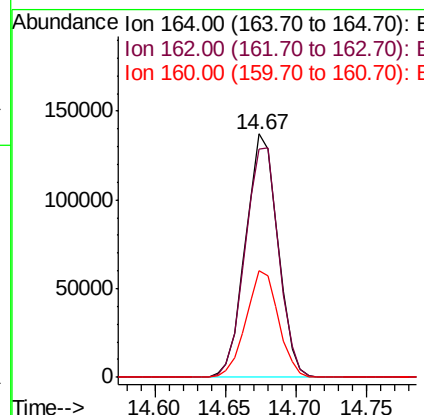
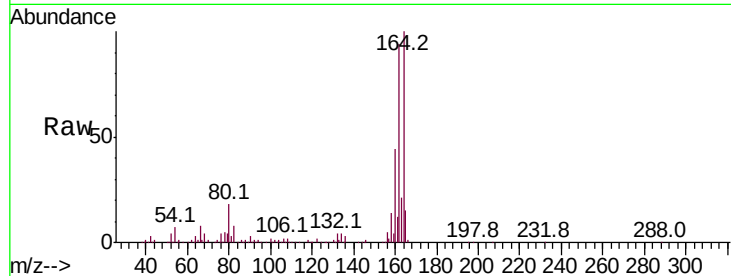
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1972
Delta R.T. -0.01 min
Lab File: BG044920.D
Acq: 20 Mar 2020 15:15

Instrument :
BNA_G
ClientSampleId :
PB127705BS

Tot Ion	Ratio	Resp	Lower	Upper
164	100	220451		
162	93.7	76.7	115.1	
160	43.6	35.0	52.4	

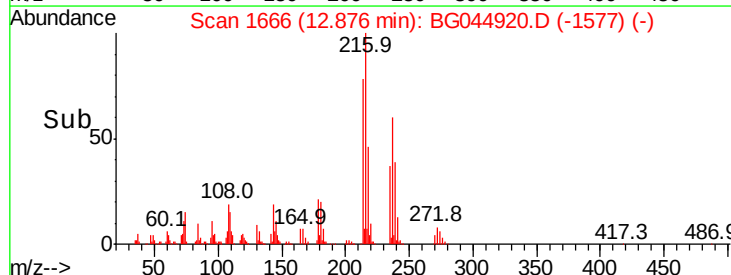
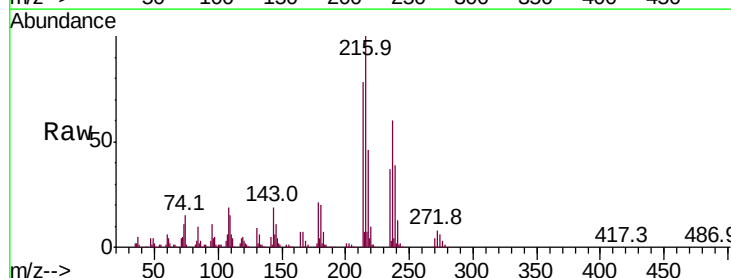
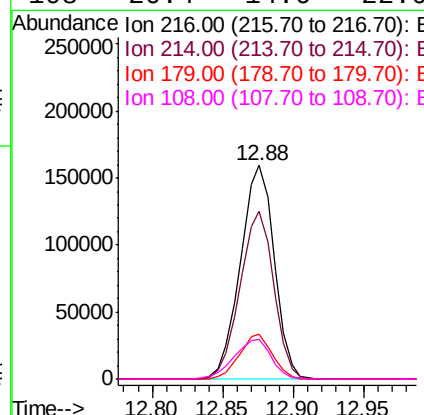
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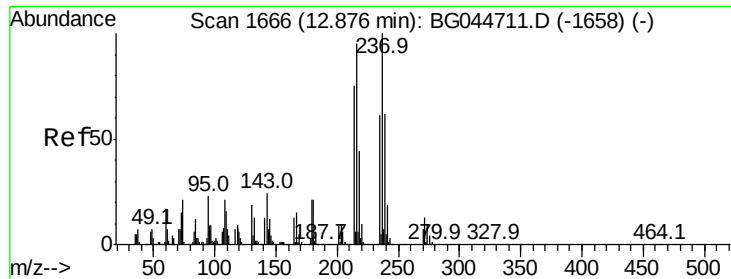
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 36.826 ng
RT: 12.88 min Scan# 1666
Delta R.T. -0.01 min
Lab File: BG044920.D
Acq: 20 Mar 2020 15:15

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	267361		
214	77.8	63.8	95.6	
179	20.2	16.2	24.2	
108	20.4	14.6	22.0	





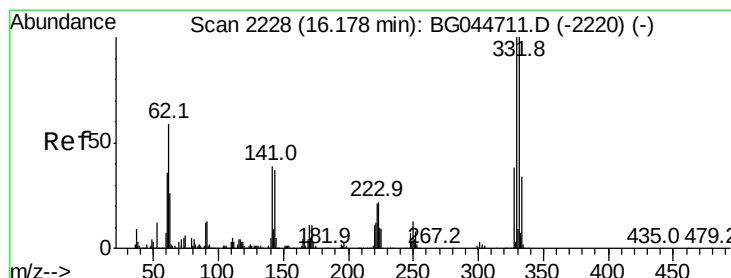
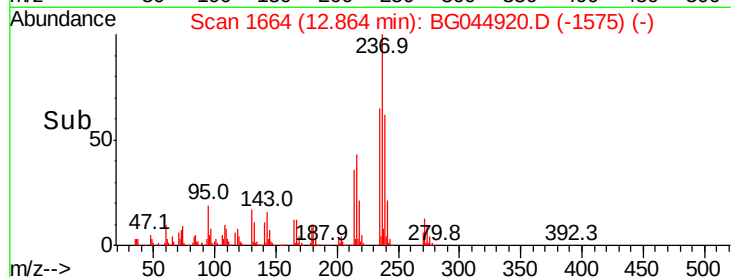
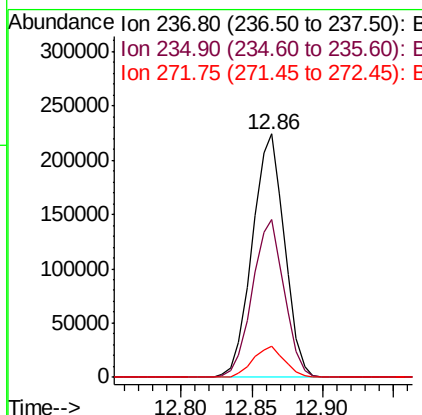
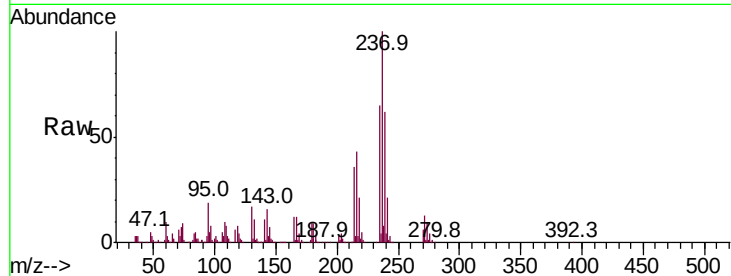
#41
Hexachlorocyclopentadiene
Concen: 90.652 ng
RT: 12.86 min Scan# 1664
Delta R.T. -0.01 min
Lab File: BG044920.D
Acq: 20 Mar 2020 15:15

Instrument :
BNA_G
ClientSampleId :
PB127705BS

Tot Ion:	237	Resp:	359681
Ion Ratio	Lower	Upper	
237	100		
235	65.0	42.9	82.9
272	13.0	0.0	31.6

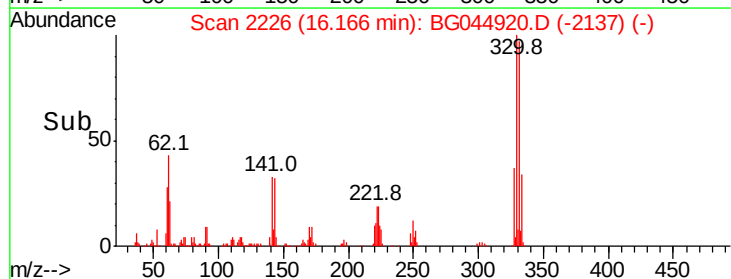
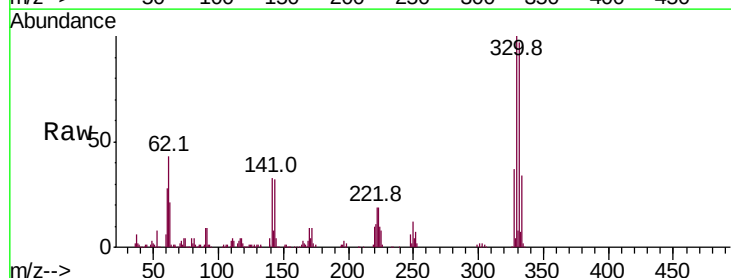
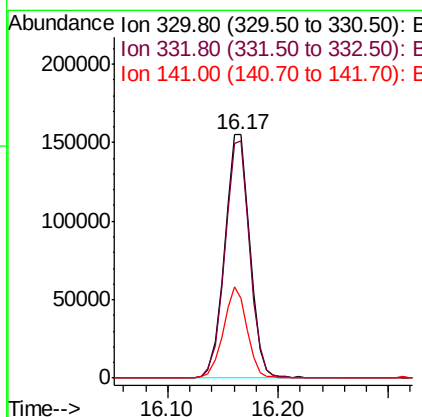
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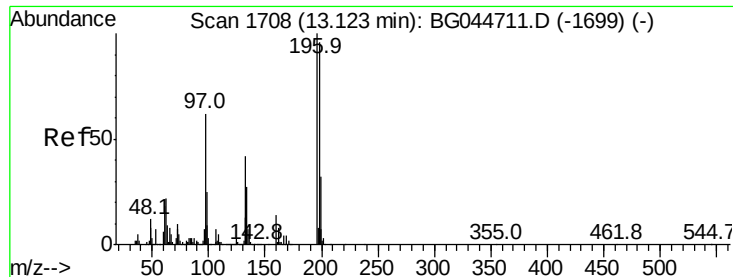
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#42
2,4,6-Tribromophenol
Concen: 85.501 ng
RT: 16.17 min Scan# 2226
Delta R.T. -0.01 min
Lab File: BG044920.D
Acq: 20 Mar 2020 15:15

Tgt Ion:	330	Resp:	246797
Ion Ratio	Lower	Upper	
330	100		
332	96.2	77.8	116.6
141	35.2	29.5	44.3





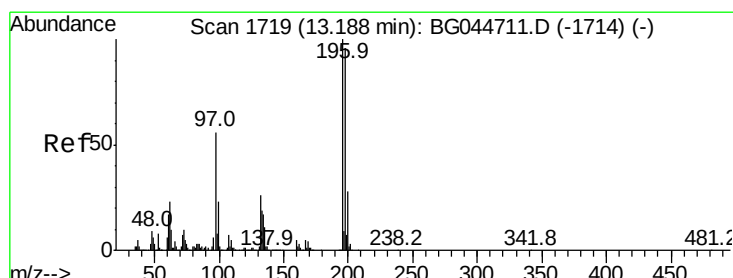
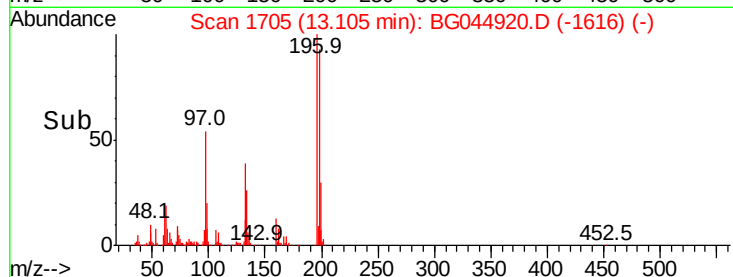
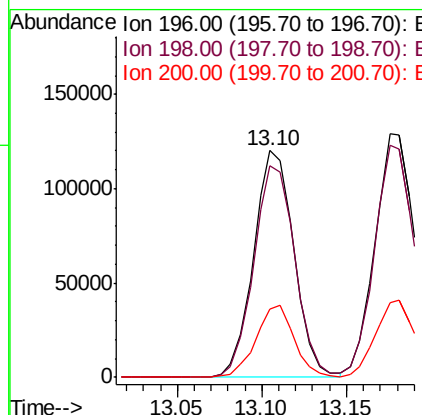
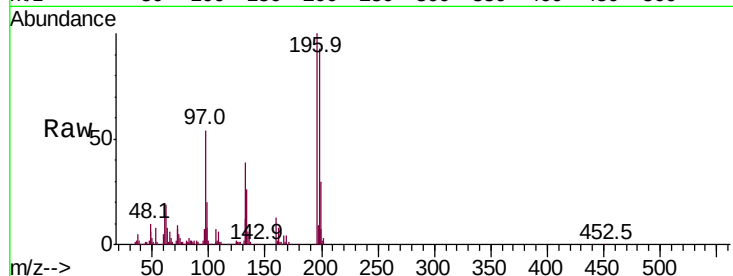
#43
2,4,6-Trichlorophenol
Concen: 41.401 ng
RT: 13.10 min Scan# 1705
Delta R.T. -0.01 min
Lab File: BG044920.D
Acq: 20 Mar 2020 15:15

Instrument :
BNA_G
ClientSampleId :
PB127705BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	199479		
198	93.5	74.9	112.3	
200	30.1	25.8	38.6	

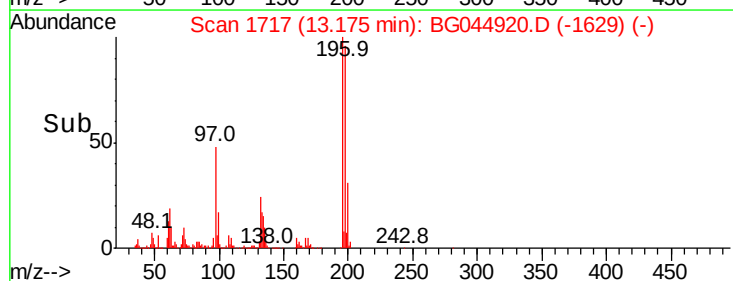
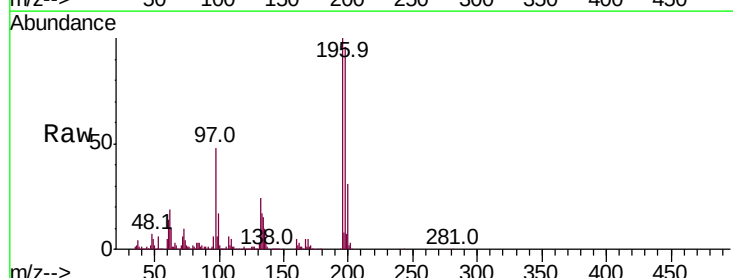
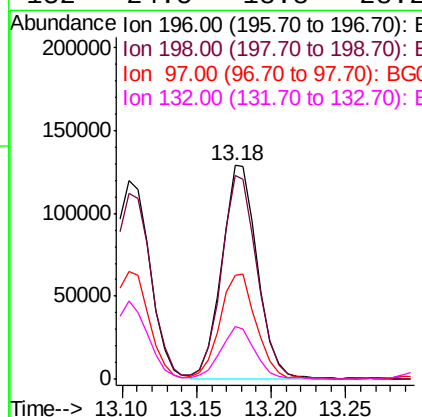
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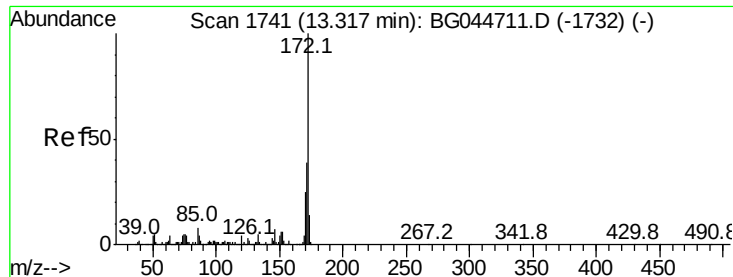
mohammad
3/23/2020 9:39:40 AM



#44
2,4,5-Trichlorophenol
Concen: 42.930 ng
RT: 13.18 min Scan# 1717
Delta R.T. -0.01 min
Lab File: BG044920.D
Acq: 20 Mar 2020 15:15

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	214512		
198	95.6	74.2	111.4	
97	48.4	36.7	55.1	
132	24.5	18.8	28.2	





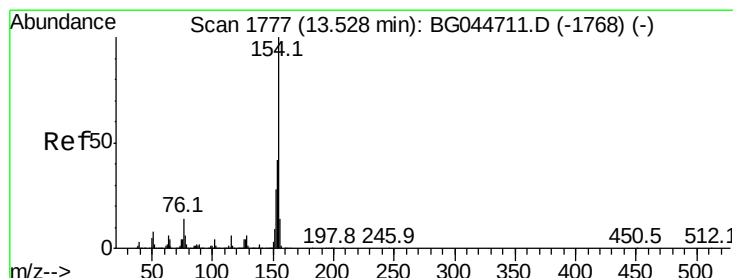
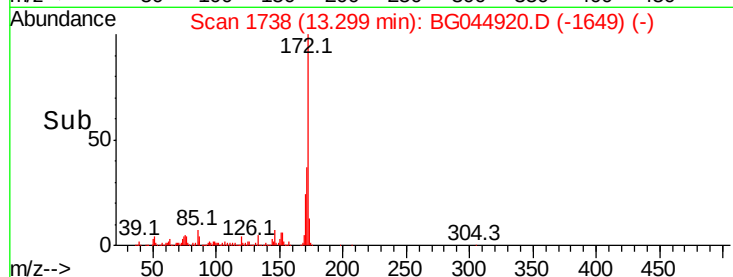
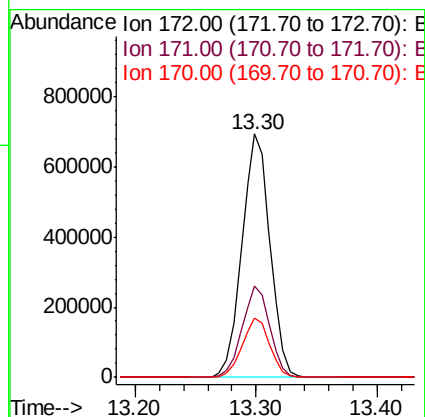
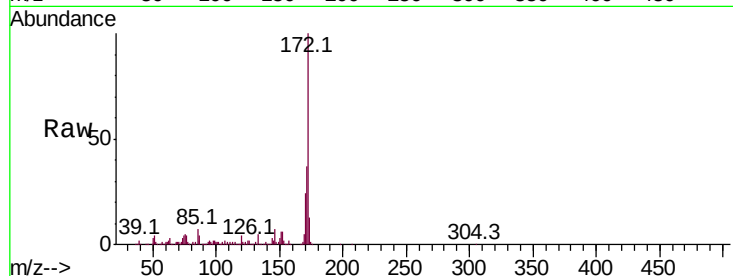
#45
2-Fluorobiphenyl
Concen: 72.485 ng
RT: 13.30 min Scan# 1738
Delta R.T. -0.01 min
Lab File: BG044920.D
Acq: 20 Mar 2020 15:15

Instrument :
BNA_G
ClientSampleId :
PB127705BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.3	28.7	43.1
170	24.2	19.0	28.6

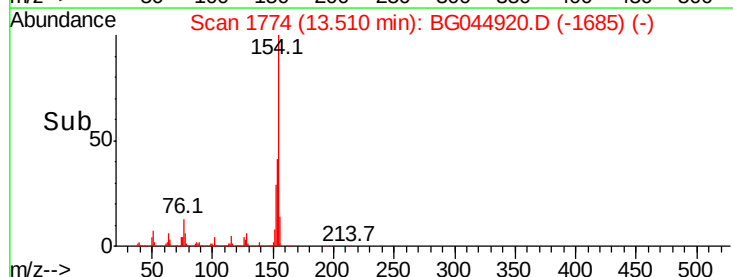
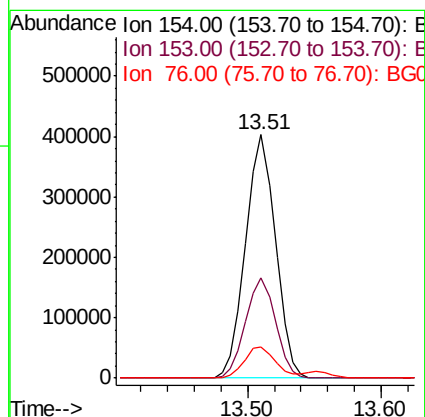
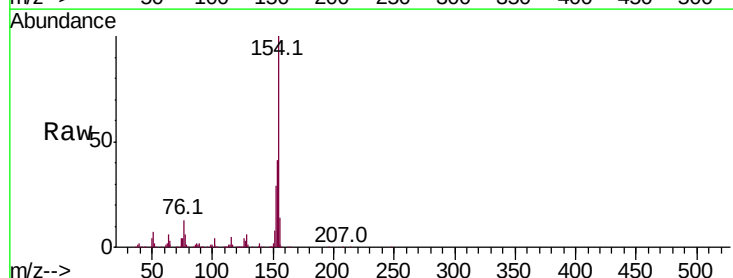
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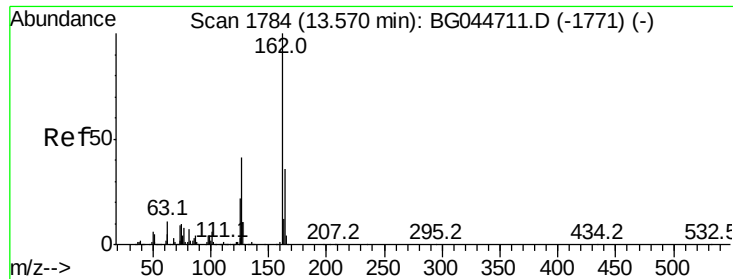
mohammad
3/23/2020 9:39:40 AM



#46
1,1'-Biphenyl
Concen: 35.375 ng
RT: 13.51 min Scan# 1774
Delta R.T. -0.01 min
Lab File: BG044920.D
Acq: 20 Mar 2020 15:15

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.0	22.9	62.9
76	12.7	0.0	34.6





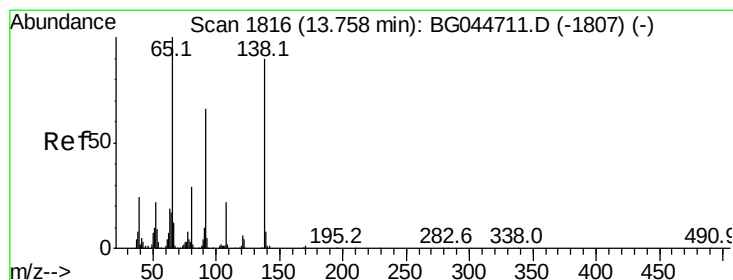
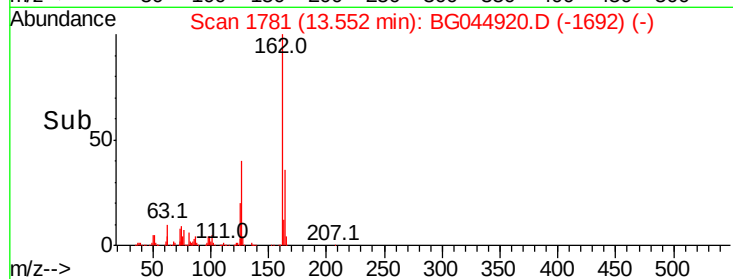
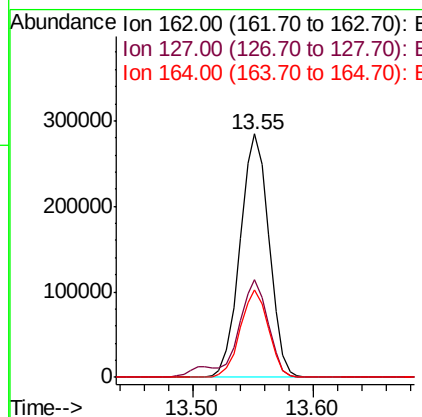
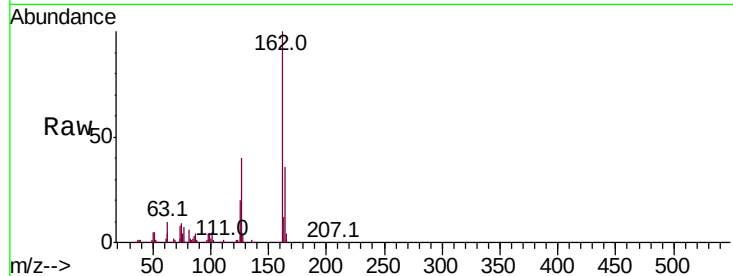
#47
2-Chloronaphthalene
Concen: 35.351 ng
RT: 13.55 min Scan# 1781
Delta R.T. -0.01 min
Lab File: BG044920.D
Acq: 20 Mar 2020 15:15

Instrument :
BNA_G
ClientSampleId :
PB127705BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	40.3	33.1	49.7
164	35.8	27.4	41.2

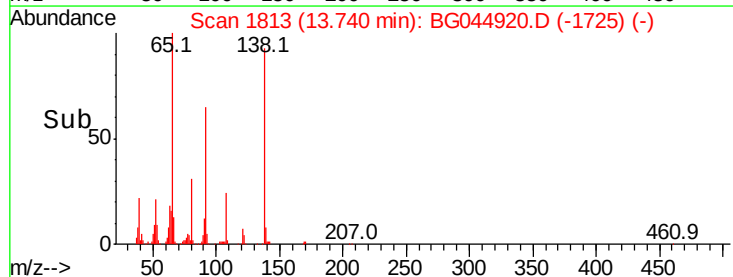
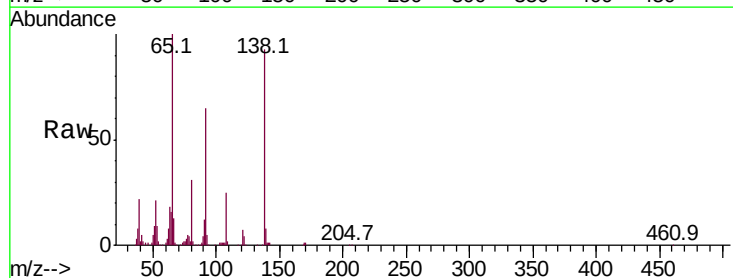
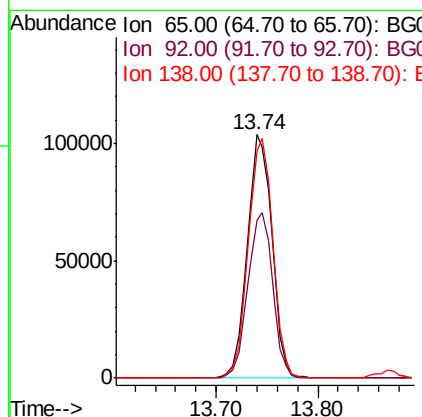
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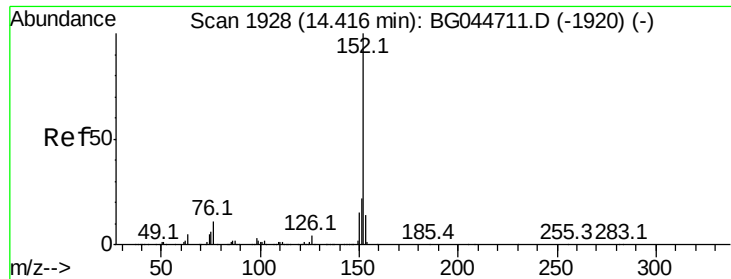
mohammad
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#48
2-Nitroaniline
Concen: 37.099 ng
RT: 13.74 min Scan# 1813
Delta R.T. -0.01 min
Lab File: BG044920.D
Acq: 20 Mar 2020 15:15

Tgt Ion	Ratio	Lower	Upper
65	100		
92	64.6	52.6	79.0
138	93.4	78.3	117.5





#49

Acenaphthylene

Concen: 38.130 ng

RT: 14.40 min Scan# 1925

Delta R.T. -0.01 min

Lab File: BG044920.D

Acq: 20 Mar 2020 15:15

Instrument :

BNA_G

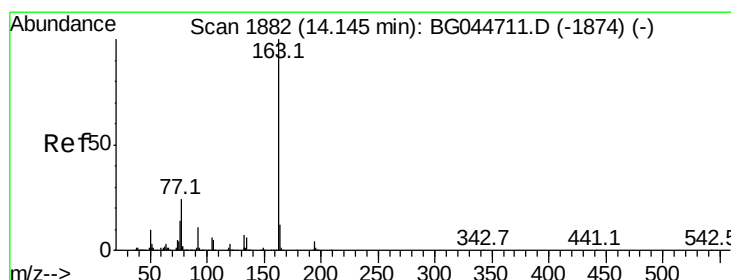
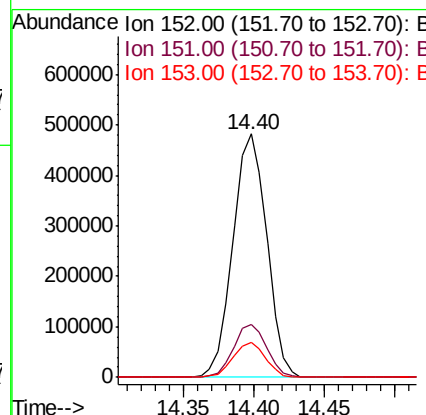
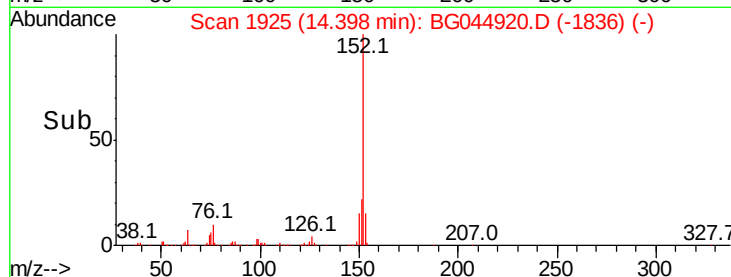
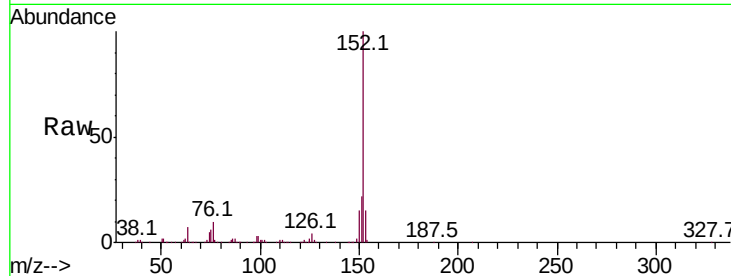
ClientSampleId :

PB127705BS

Tot Ion	Ratio	Lower	Upper
152	100		
151	21.8	16.8	25.2
153	14.5	10.8	16.2

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#50

Dimethylphthalate

Concen: 37.021 ng

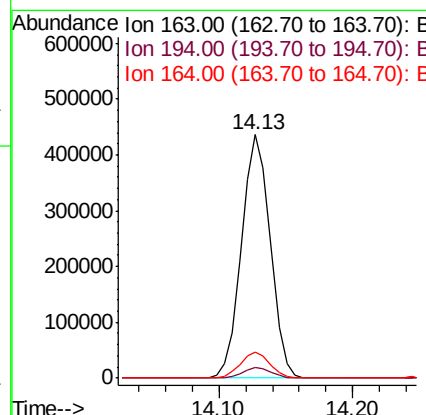
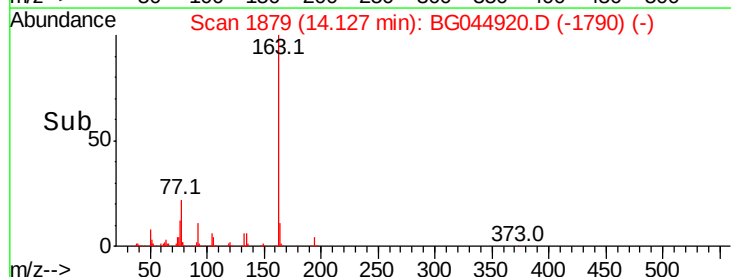
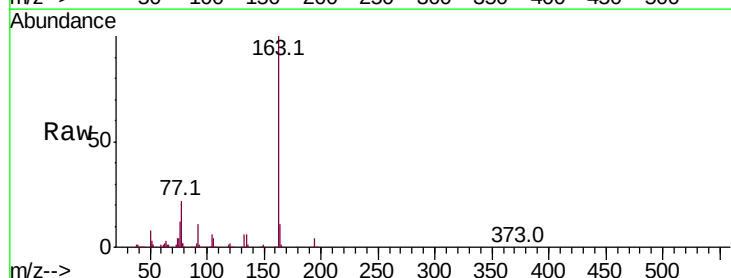
RT: 14.13 min Scan# 1879

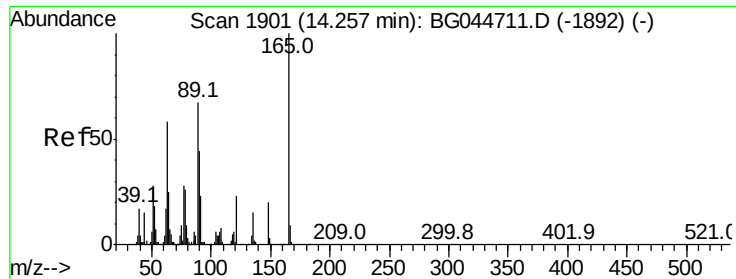
Delta R.T. -0.01 min

Lab File: BG044920.D

Acq: 20 Mar 2020 15:15

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.7	5.5
164	10.9	9.1	13.7





#51

2,6-Dinitrotoluene

Concen: 42.462 ng

RT: 14.24 min Scan# 1898

Delta R.T. -0.01 min

Lab File: BG044920.D

Acq: 20 Mar 2020 15:15

Instrument :

BNA_G

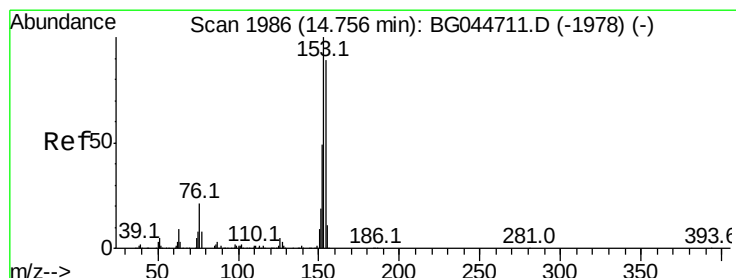
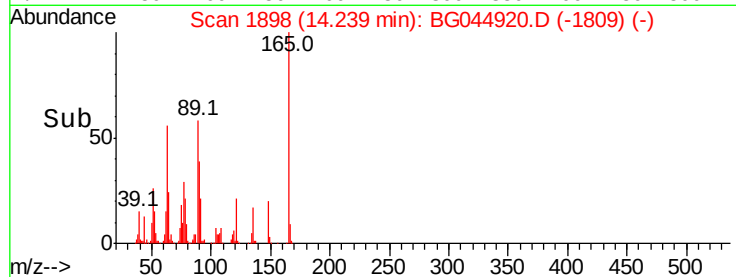
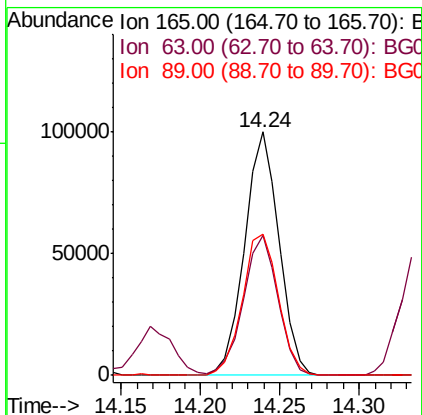
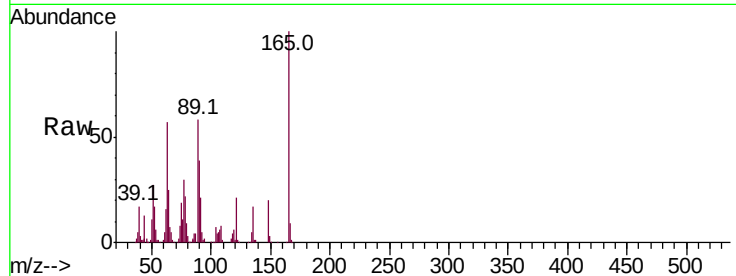
ClientSampleId :

PB127705BS

Tot Ion:165	Resp:	150279
Ion Ratio	Lower	Upper
165 100		
63 57.2	45.8	68.8
89 57.9	51.8	77.6

Manual Integrations
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#52

Acenaphthene

Concen: 41.487 ng

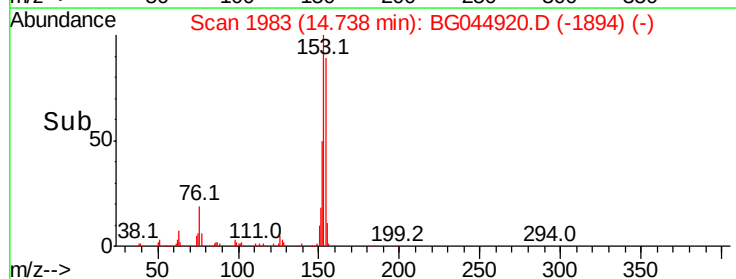
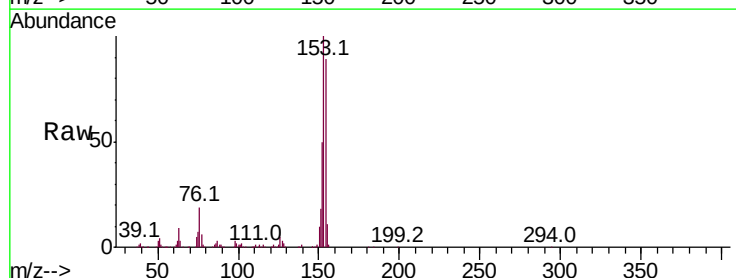
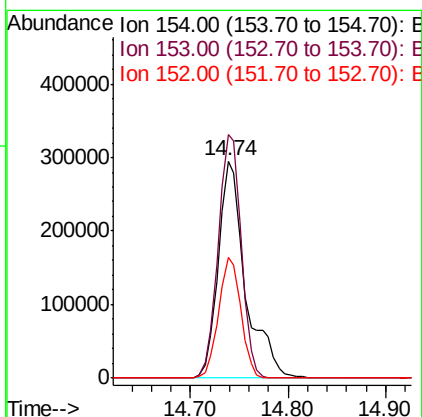
RT: 14.74 min Scan# 1983

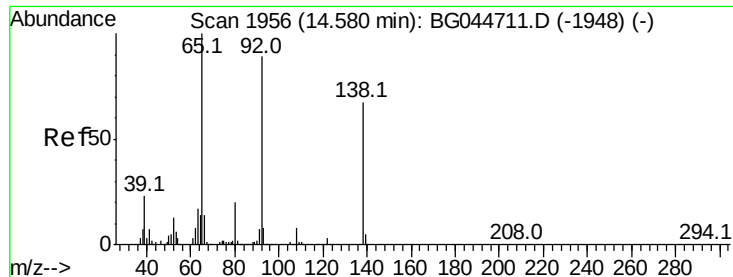
Delta R.T. -0.01 min

Lab File: BG044920.D

Acq: 20 Mar 2020 15:15

Tgt Ion:154	Resp:	572845
Ion Ratio	Lower	Upper
154 100		
153 112.0	89.0	133.6
152 55.5	43.0	64.6





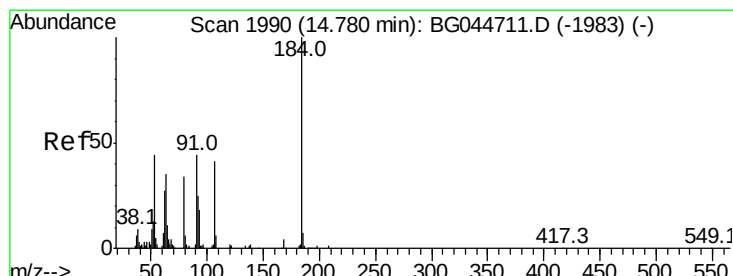
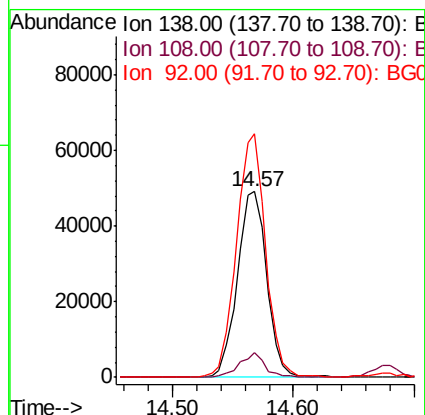
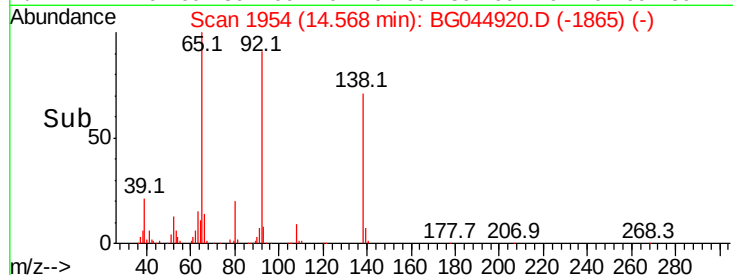
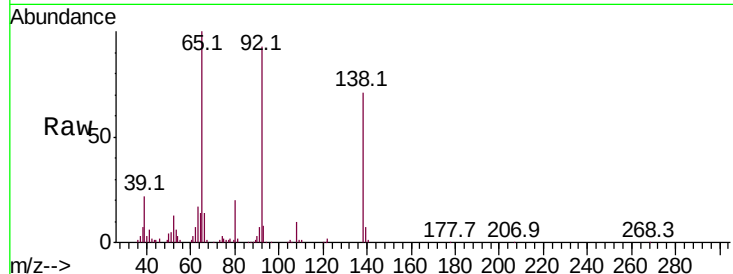
#53
3-Nitroaniline
Concen: 20.447 ng
RT: 14.57 min Scan# 1954
Delta R.T. -0.01 min
Lab File: BG044920.D
Acq: 20 Mar 2020 15:15

Instrument :
BNA_G
ClientSampleId :
PB127705BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	13.6	9.0	13.4#
92	131.2	96.8	145.2

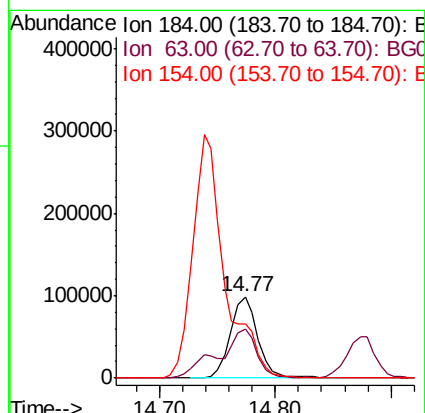
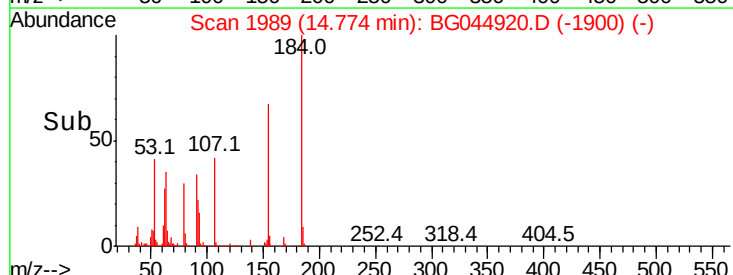
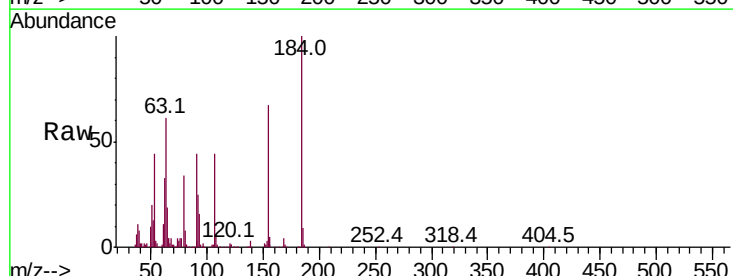
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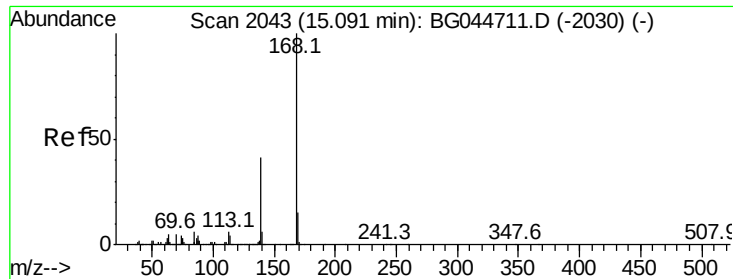
mohammad
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#54
2,4-Dinitrophenol
Concen: 86.692 ng
RT: 14.77 min Scan# 1989
Delta R.T. -0.01 min
Lab File: BG044920.D
Acq: 20 Mar 2020 15:15

Tgt Ion	Ratio	Lower	Upper
184	100		
63	61.0	45.5	68.3
154	66.7	49.1	73.7





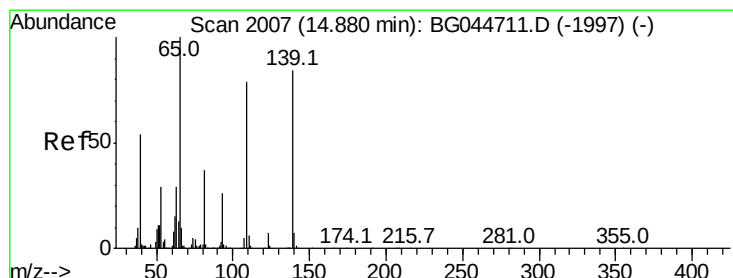
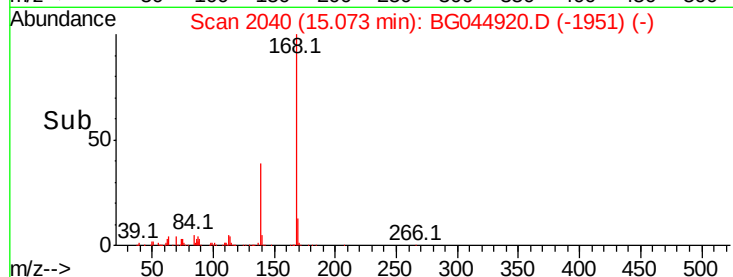
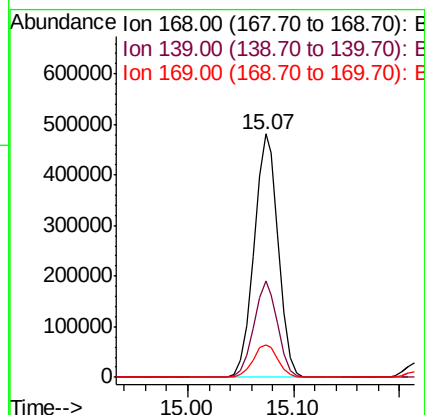
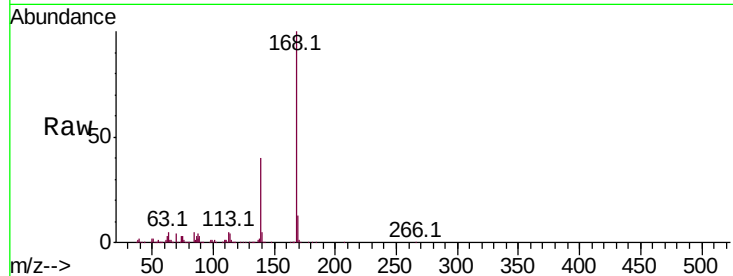
#55
Dibenzofuran
Concen: 38.115 ng
RT: 15.07 min Scan# 2040
Delta R.T. -0.01 min
Lab File: BG044920.D
Acq: 20 Mar 2020 15:15

Instrument :
BNA_G
ClientSampleId :
PB127705BS

Tot Ion	Ratio	Resp Lower	Upper
168	100		
139	39.6	31.4	47.0
169	13.4	11.1	16.7

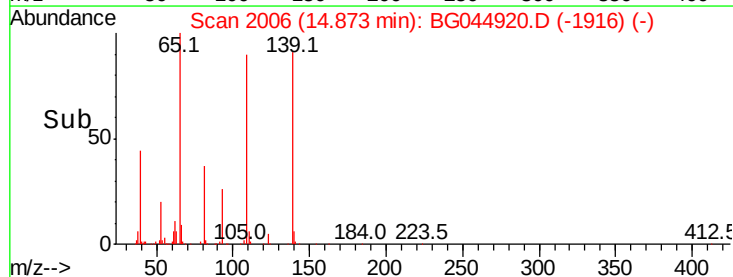
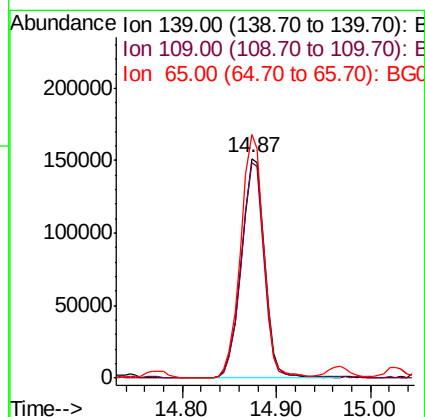
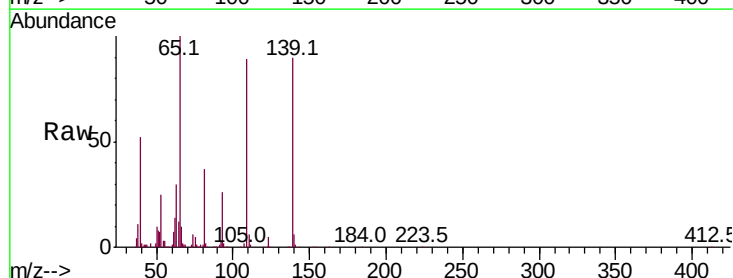
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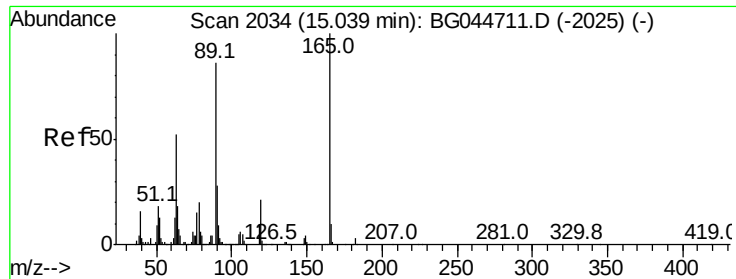
mohammad
3/23/2020 9:39:40 AM



#56
4-Nitrophenol
Concen: 84.246 ng
RT: 14.87 min Scan# 2006
Delta R.T. 0.00 min
Lab File: BG044920.D
Acq: 20 Mar 2020 15:15

Tgt Ion	Ratio	Resp Lower	Upper
139	100		
109	98.3	68.8	108.8
65	110.8	92.5	132.5





#57

2,4-Dinitrotoluene

Concen: 42.639 ng

RT: 15.03 min Scan# 2032

Delta R.T. -0.01 min

Lab File: BG044920.D

Acq: 20 Mar 2020 15:15

Instrument :

BNA_G

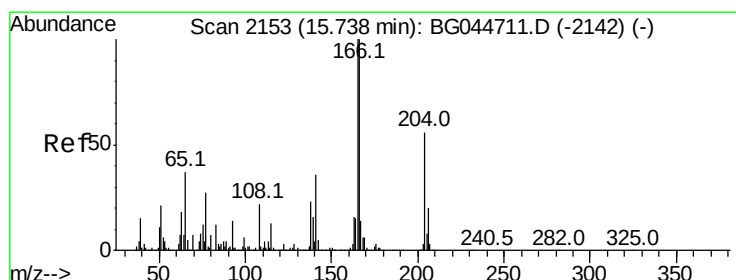
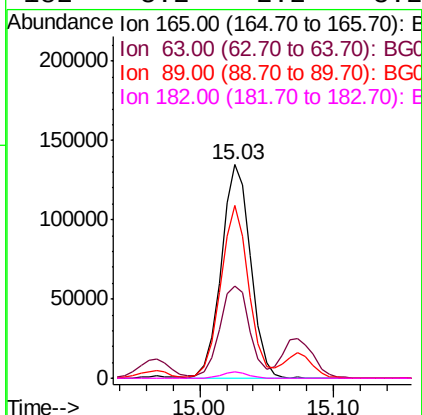
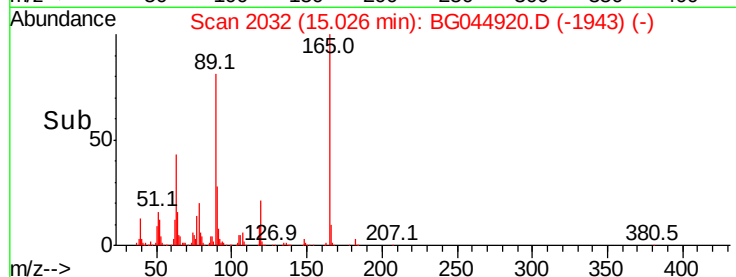
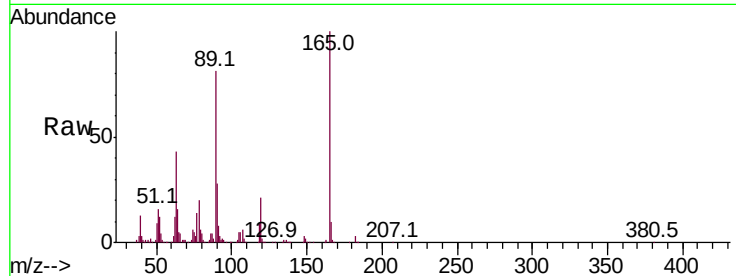
ClientSampleId :

PB127705BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	43.2	34.6	52.0	
89	81.0	61.3	91.9	
182	3.2	2.2	3.2	

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3/23/2020 9:39:40 AM



#58

Fluorene

Concen: 38.025 ng

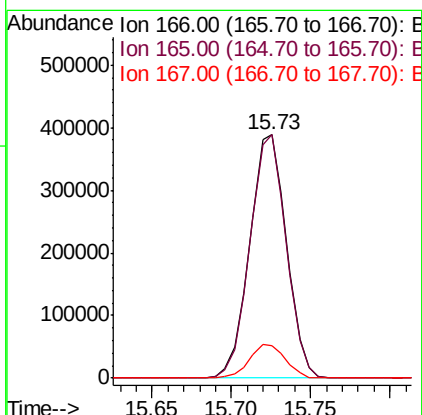
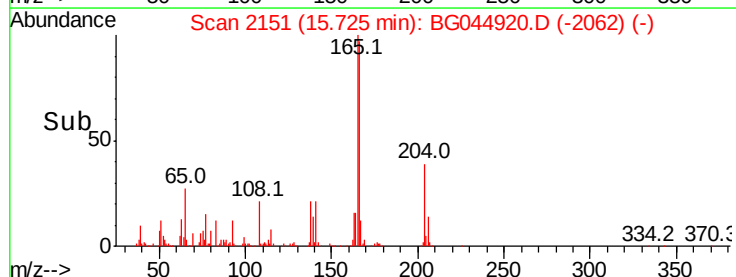
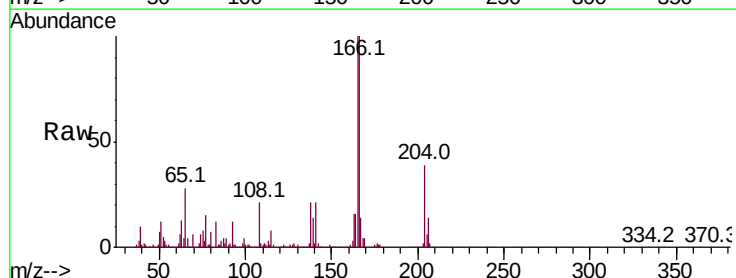
RT: 15.73 min Scan# 2151

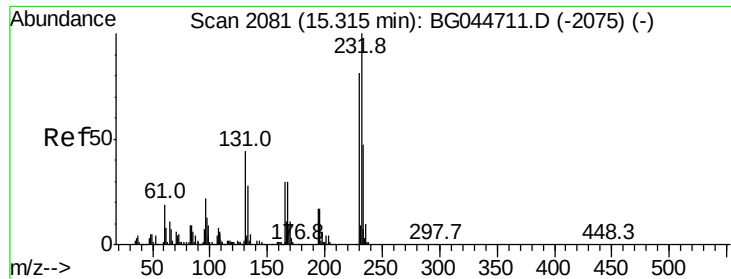
Delta R.T. -0.01 min

Lab File: BG044920.D

Acq: 20 Mar 2020 15:15

Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	99.9	79.7	119.5	
167	13.6	10.6	16.0	





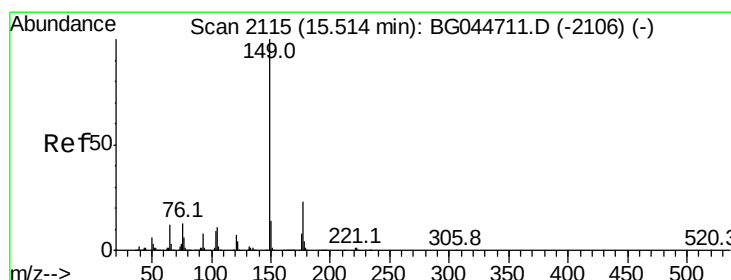
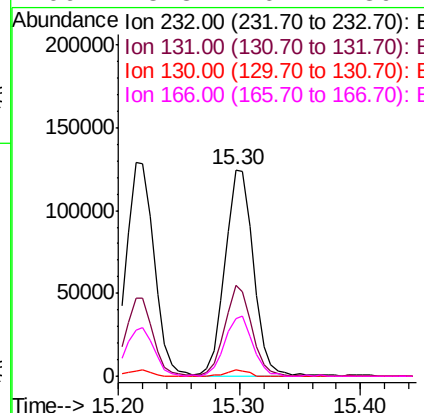
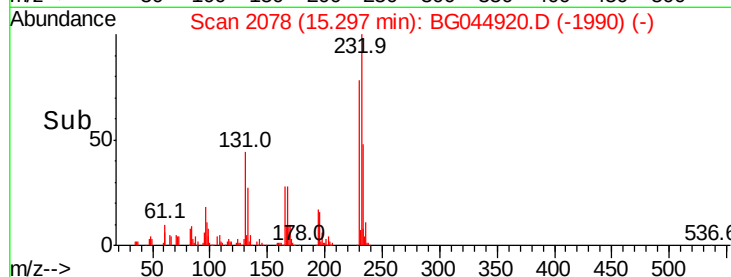
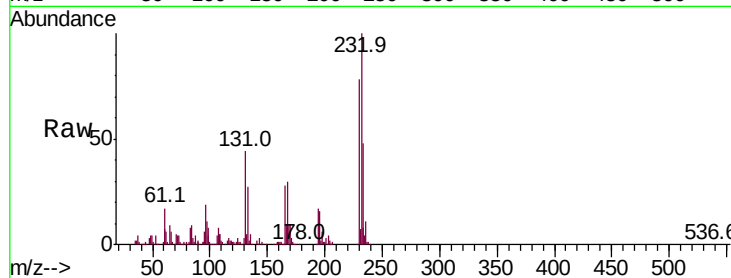
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 44.044 ng
 RT: 15.30 min Scan# 2078
 Delta R.T. -0.01 min
 Lab File: BG044920.D
 Acq: 20 Mar 2020 15:15

Instrument :
 BNA_G
 ClientSampleId :
 PB127705BS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	202616		
131	41.6		31.8	47.8
130	2.5		2.2	3.2
166	28.3		20.2	30.2

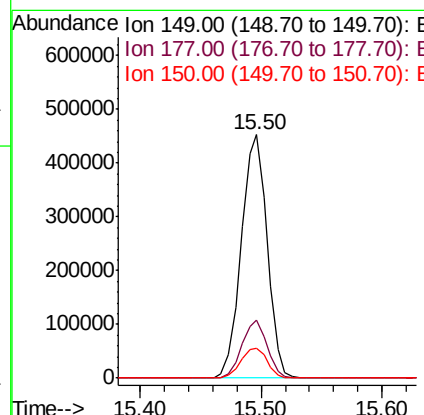
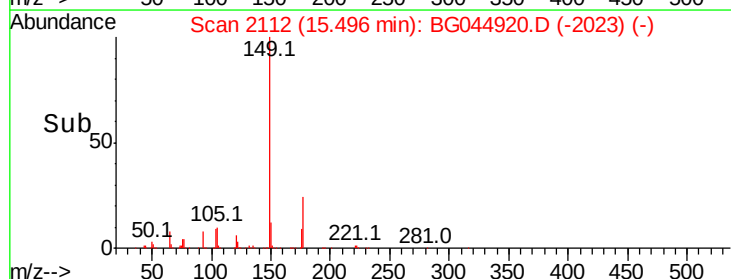
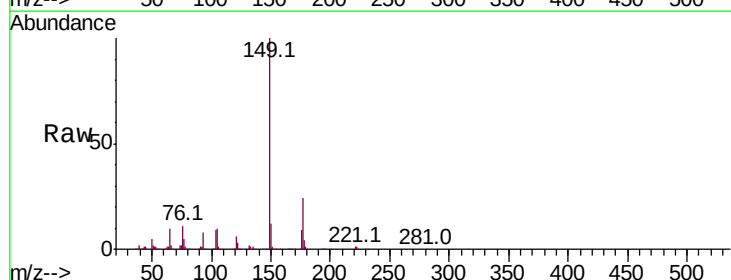
Manual Integrations
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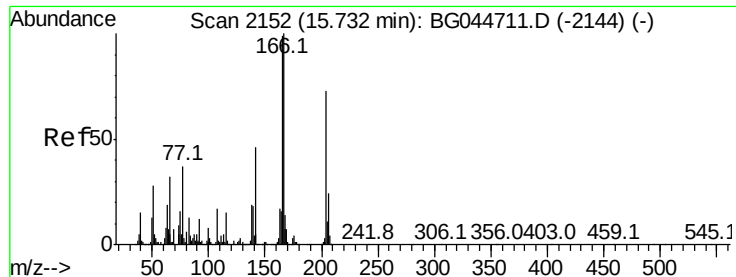
mohammad
 3/23/2020 9:39:40 AM



#60
 Diethylphthalate
 Concen: 36.803 ng
 RT: 15.50 min Scan# 2112
 Delta R.T. -0.01 min
 Lab File: BG044920.D
 Acq: 20 Mar 2020 15:15

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	673958		
177	23.9		19.3	28.9
150	12.2		11.0	16.6





#61

4-Chlorophenyl-phenylether

Concen: 37.722 ng

RT: 15.72 min Scan# 2150

Delta R.T. -0.01 min

Lab File: BG044920.D

Acq: 20 Mar 2020 15:15

Instrument :

BNA_G

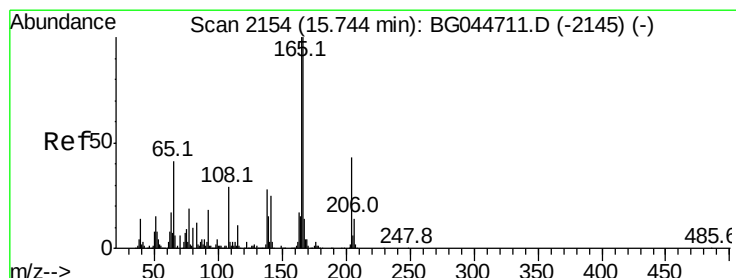
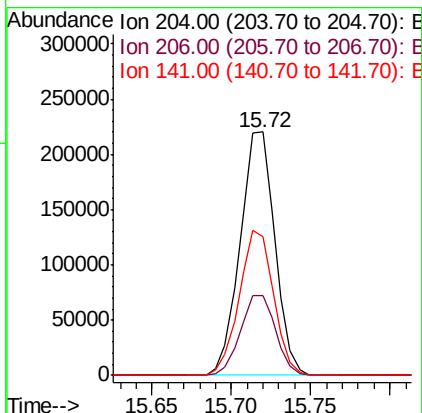
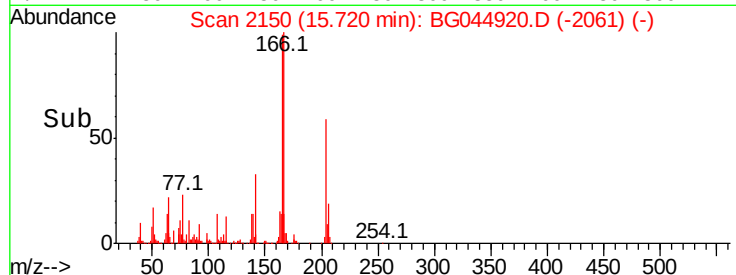
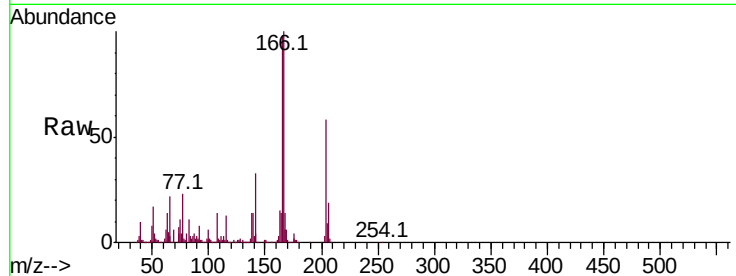
ClientSampleId :

PB127705BS

Tot Ion:	204	Resp:	334556
Ion Ratio	Lower	Upper	
204	100		
206	33.0	26.2	39.2
141	56.9	47.7	71.5

Manual Integrations
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3/23/2020 9:39:40 AM



#62

4-Nitroaniline

Concen: 35.049 ng

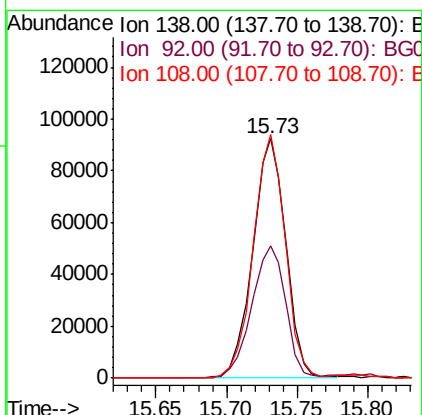
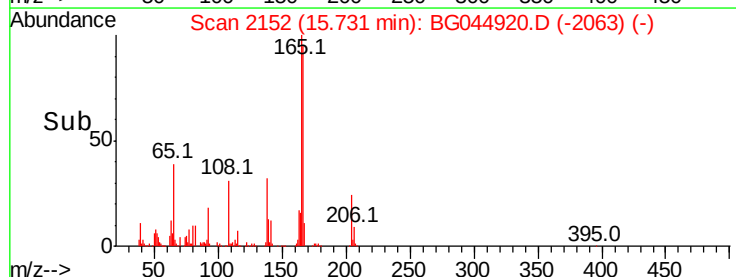
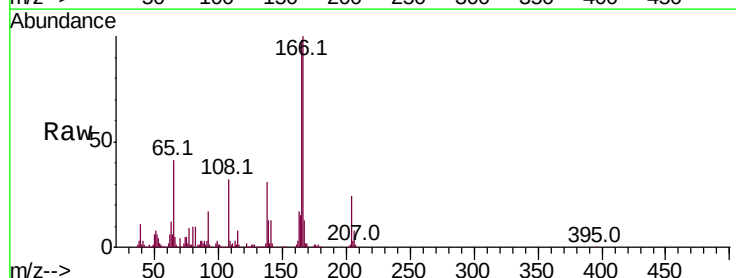
RT: 15.73 min Scan# 2152

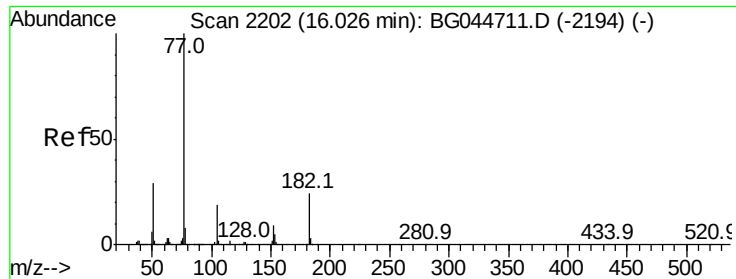
Delta R.T. -0.01 min

Lab File: BG044920.D

Acq: 20 Mar 2020 15:15

Tgt Ion:	138	Resp:	152071
Ion Ratio	Lower	Upper	
138	100		
92	55.4	34.5	74.5
108	101.7	74.5	114.5





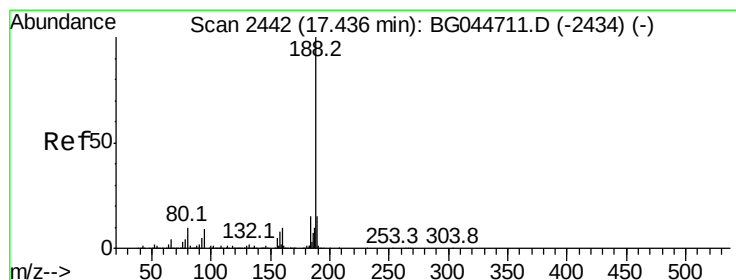
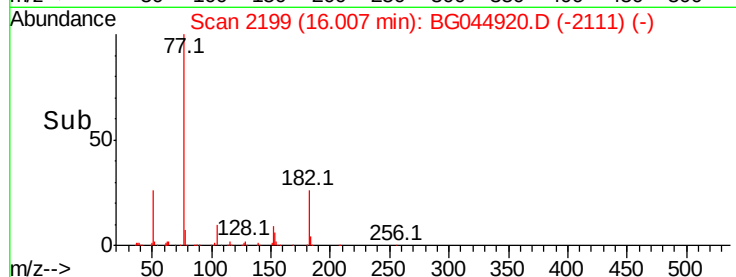
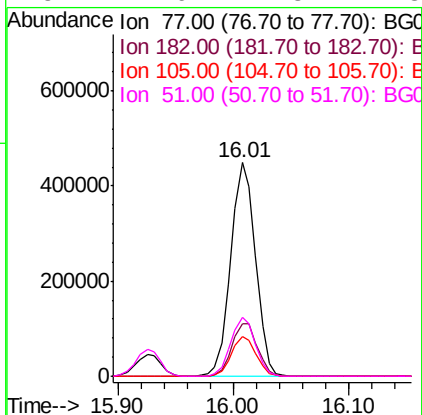
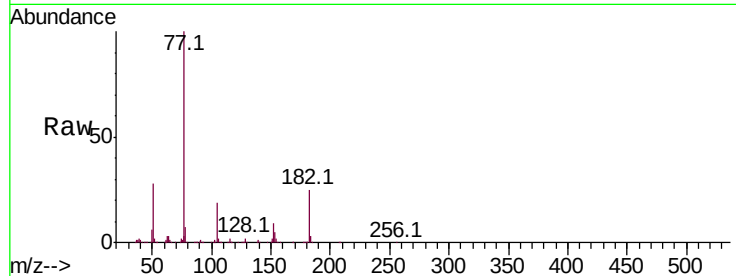
#63
Azobenzene
Concen: 35.053 ng
RT: 16.01 min Scan# 2199
Delta R.T. -0.01 min
Lab File: BG044920.D
Acq: 20 Mar 2020 15:15

Instrument :
BNA_G
ClientSampleId :
PB127705BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		666605		
182	24.8	6.4	46.4		
105	18.9	0.0	39.1		
51	27.6	7.3	47.3		

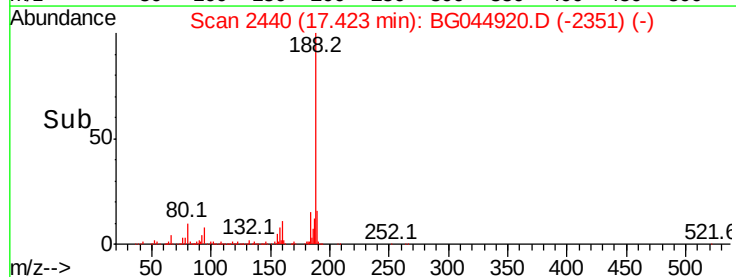
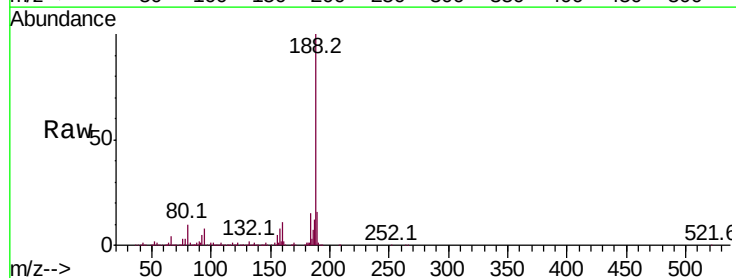
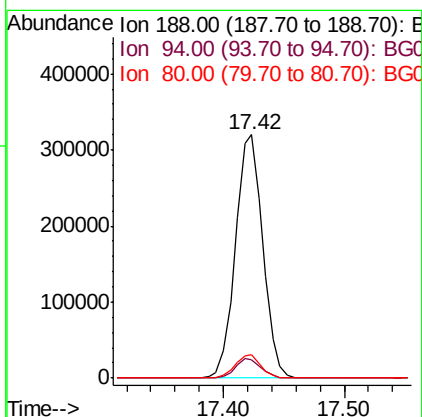
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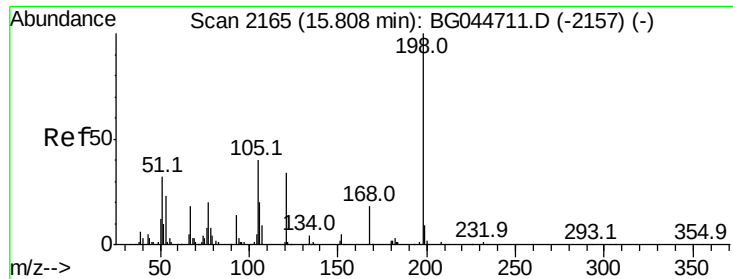
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2440
Delta R.T. -0.01 min
Lab File: BG044920.D
Acq: 20 Mar 2020 15:15

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		504243		
94	7.7	7.3	10.9		
80	9.8	8.0	12.0		





#65

4,6-Dinitro-2-methylphenol

Concen: 49.693 ng

RT: 15.80 min Scan# 2163

Delta R.T. 0.00 min

Lab File: BG044920.D

Acq: 20 Mar 2020 15:15

Instrument :

BNA_G

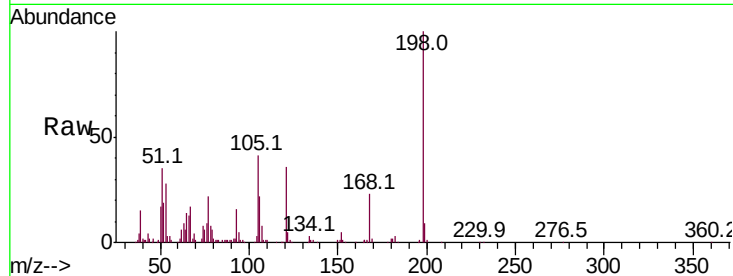
ClientSampleId :

PB127705BS

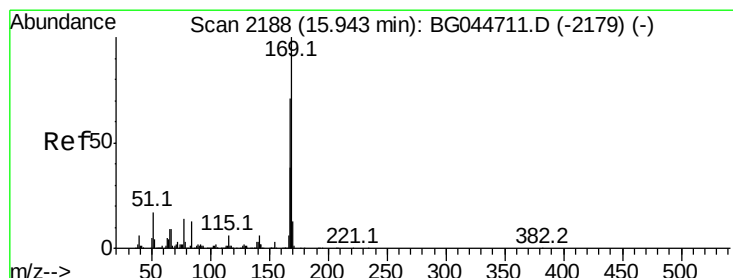
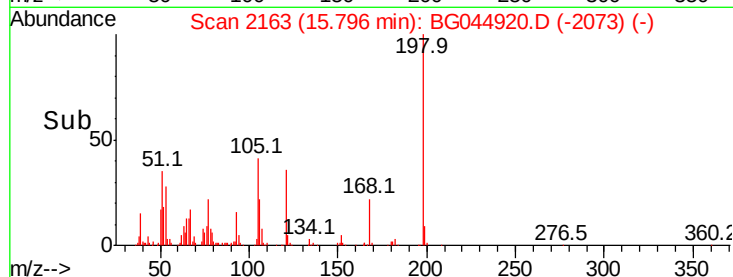
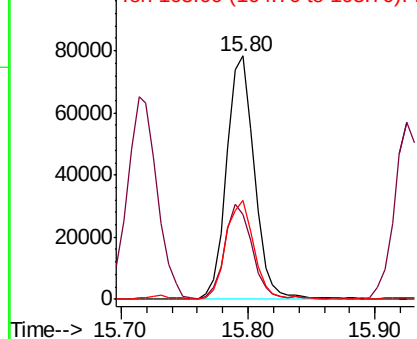
Tot Ion:	198	Resp:	118686
Ion Ratio	Lower	Upper	
198	100		
51	35.0	21.1	61.1
105	40.6	24.5	64.5

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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: 37.772 ng

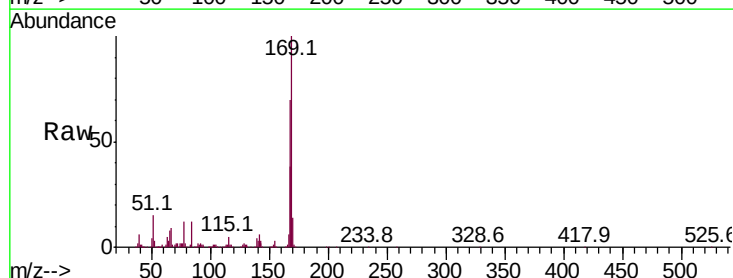
RT: 15.93 min Scan# 2185

Delta R.T. -0.01 min

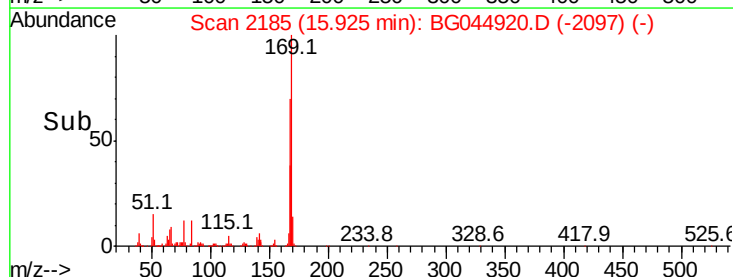
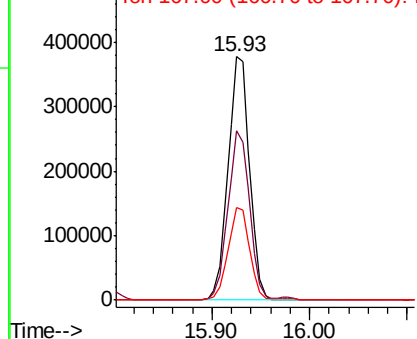
Lab File: BG044920.D

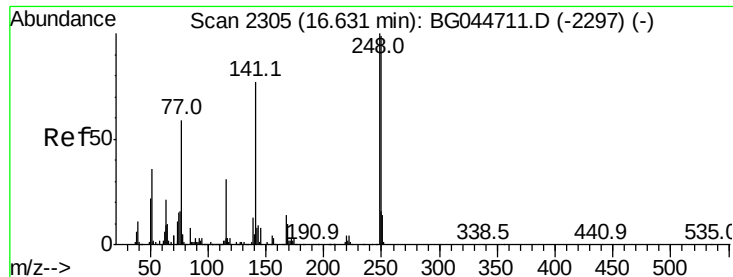
Acq: 20 Mar 2020 15:15

Tgt Ion:	169	Resp:	573431
Ion Ratio	Lower	Upper	
169	100		
168	69.6	55.4	83.2
167	38.1	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: 38.039 ng

RT: 16.61 min Scan# 2302

Delta R.T. -0.01 min

Lab File: BG044920.D

Acq: 20 Mar 2020 15:15

Instrument :

BNA_G

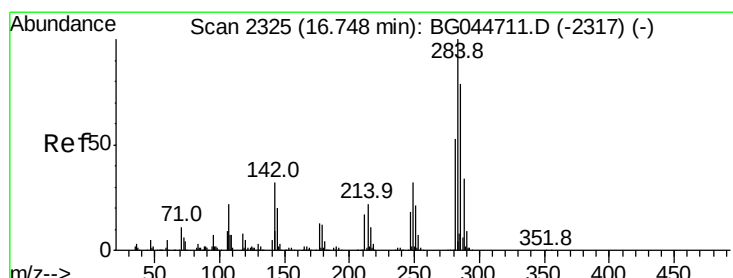
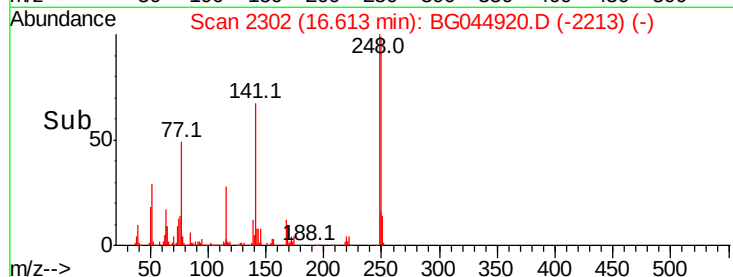
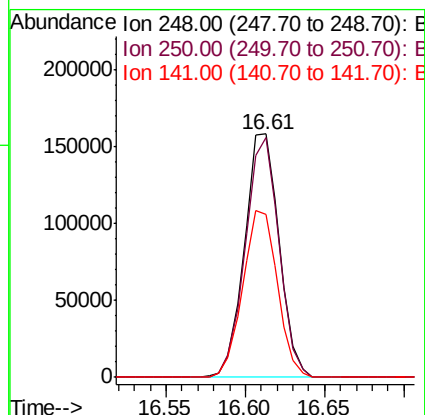
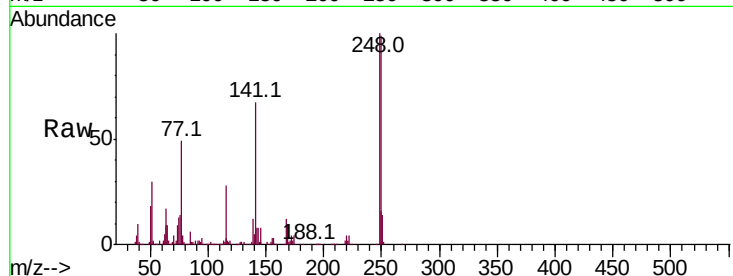
ClientSampleId :

PB127705BS

Tot Ion:	248	Resp:	239786
Ion Ratio	Lower	Upper	
248	100		
250	98.5	77.9	116.9
141	66.8	57.5	86.3

Manual Integrations
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#68

Hexachlorobenzene

Concen: 38.403 ng

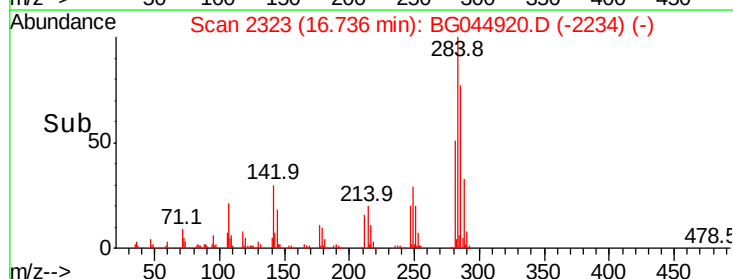
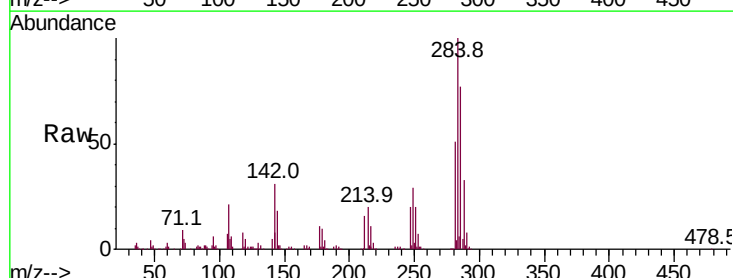
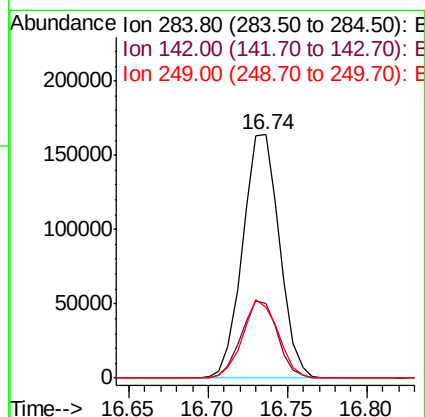
RT: 16.74 min Scan# 2323

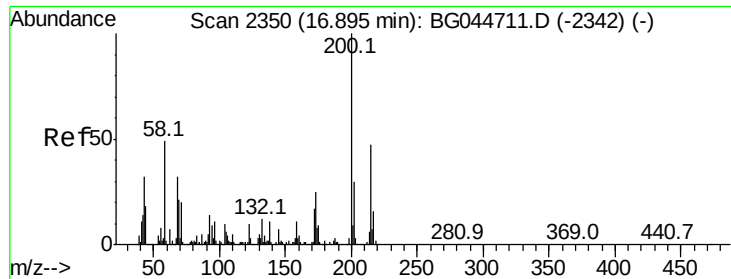
Delta R.T. -0.01 min

Lab File: BG044920.D

Acq: 20 Mar 2020 15:15

Tgt Ion:	284	Resp:	262633
Ion Ratio	Lower	Upper	
284	100		
142	30.6	25.0	37.6
249	29.3	25.8	38.8





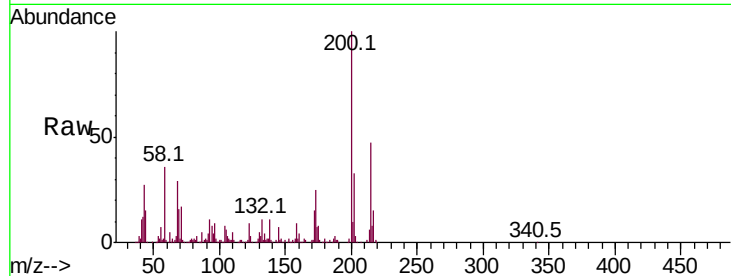
#69
Atrazine
Concen: 41.379 ng
RT: 16.88 min Scan# 2347
Delta R.T. -0.01 min
Lab File: BG044920.D
Acq: 20 Mar 2020 15:15

Instrument :
BNA_G
ClientSampleId :
PB127705BS

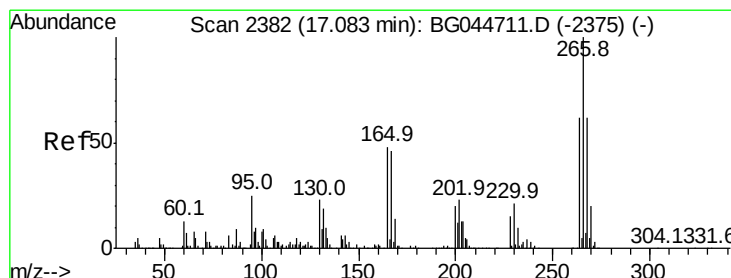
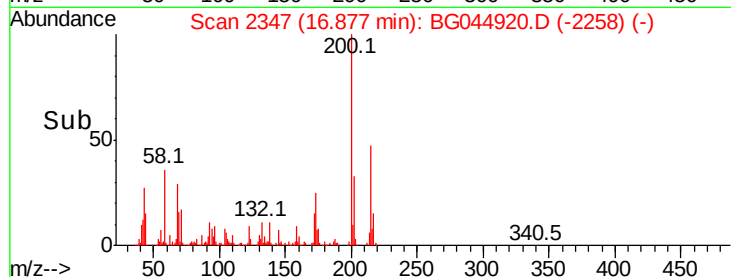
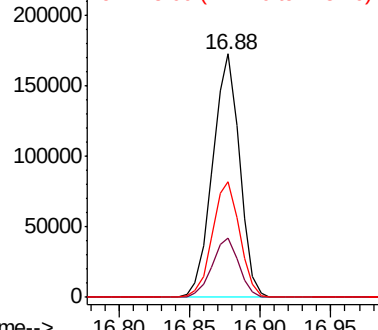
Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	24.6	5.3	45.3
215	47.5	28.9	68.9

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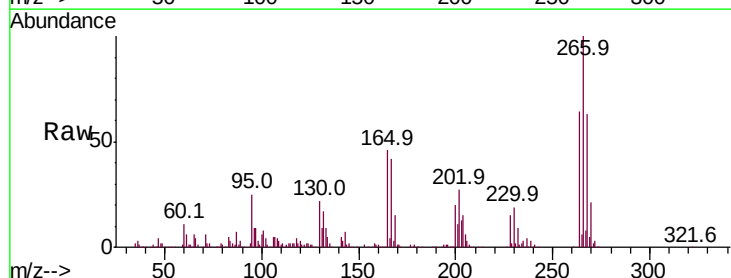


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

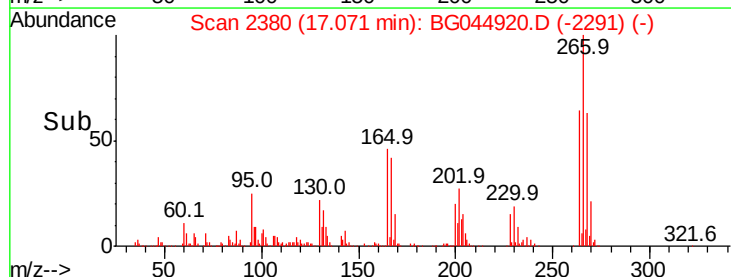
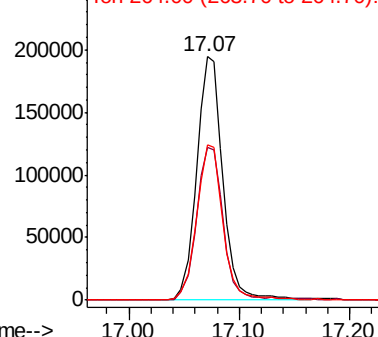


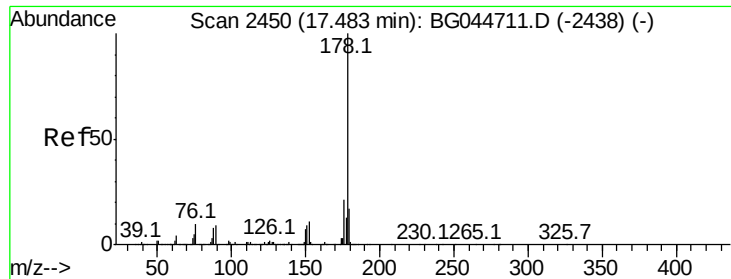
#70
Pentachlorophenol
Concen: 85.466 ng
RT: 17.07 min Scan# 2380
Delta R.T. -0.01 min
Lab File: BG044920.D
Acq: 20 Mar 2020 15:15

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	62.8	50.3	75.5
264	63.8	51.4	77.2



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 38.180 ng

RT: 17.46 min Scan# 2447

Delta R.T. -0.01 min

Lab File: BG044920.D

Acq: 20 Mar 2020 15:15

Instrument :

BNA_G

ClientSampleId :

PB127705BS

Tot Ion:178 Resp: 1028799

Ion Ratio Lower Upper

178 100

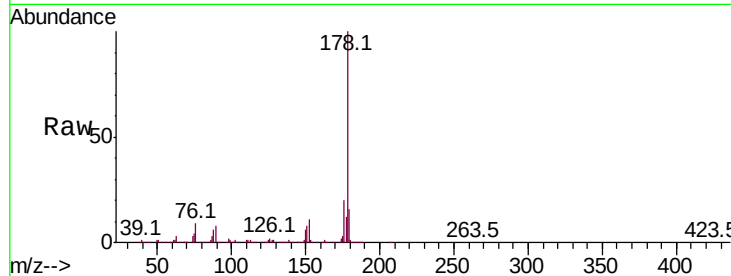
176 20.4 16.6 24.8

179 16.2 13.5 20.3

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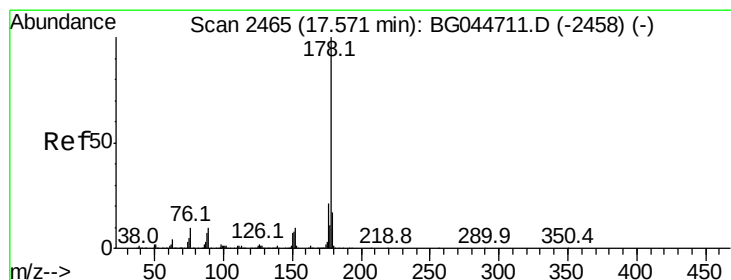
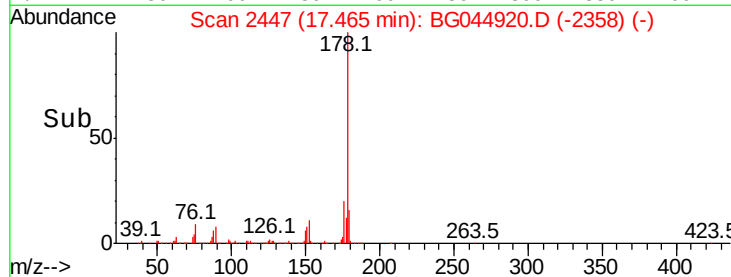
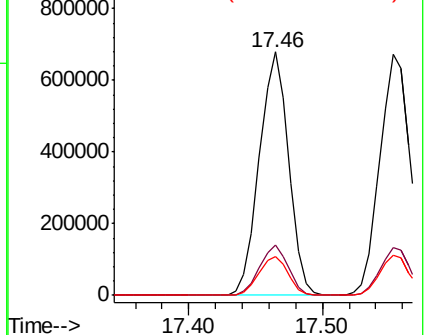
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 39.872 ng

RT: 17.55 min Scan# 2462

Delta R.T. -0.01 min

Lab File: BG044920.D

Acq: 20 Mar 2020 15:15

Tgt Ion:178 Resp: 1059413

Ion Ratio Lower Upper

178 100

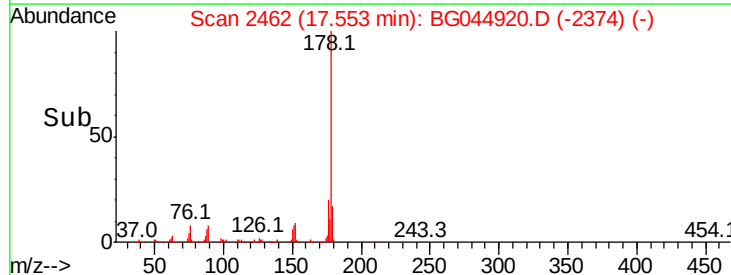
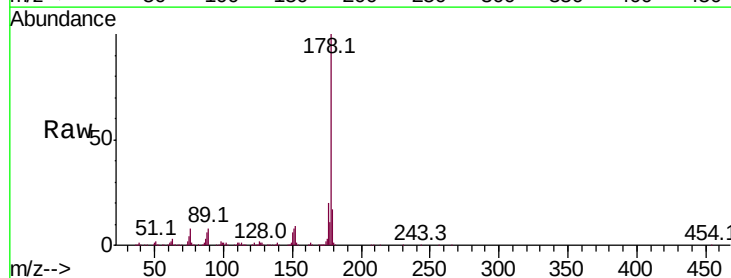
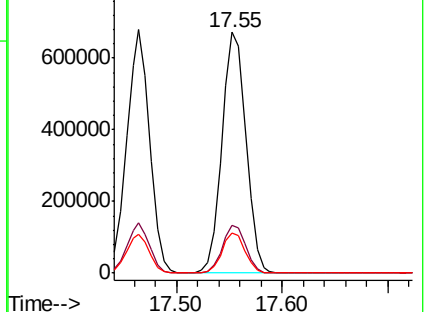
176 19.6 15.9 23.9

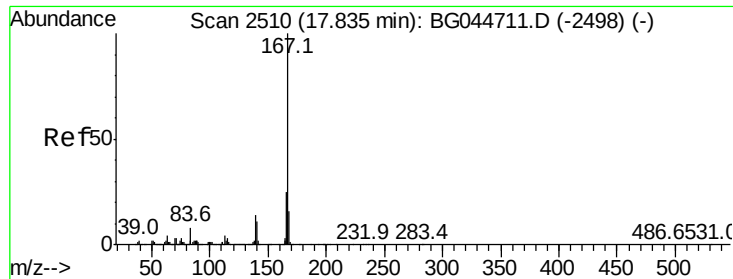
179 16.6 13.2 19.8

Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 38.675 ng

RT: 17.82 min Scan# 2507

Delta R.T. -0.01 min

Lab File: BG044920.D

Acq: 20 Mar 2020 15:15

Instrument :

BNA_G

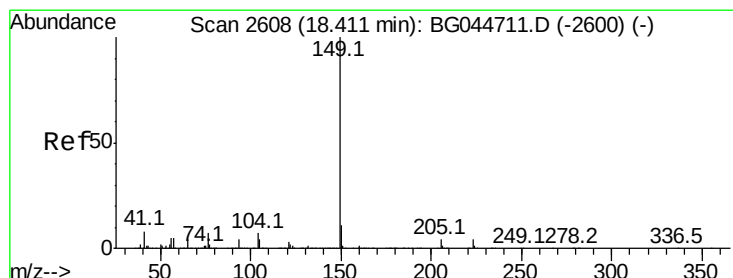
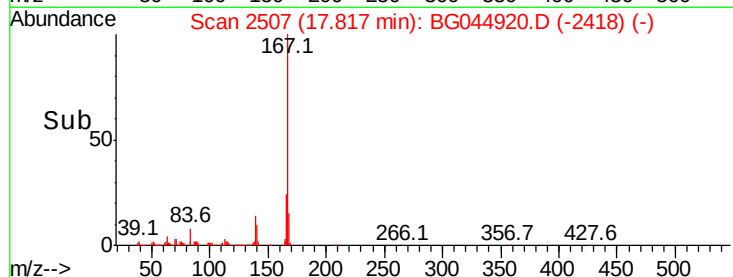
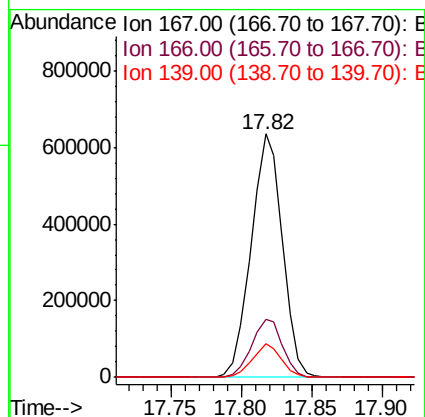
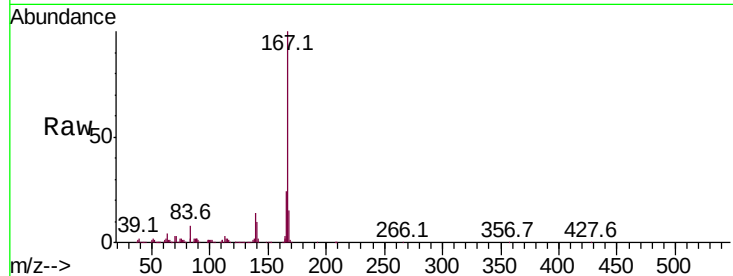
ClientSampleId :

PB127705BS

Tot Ion:	167	Resp:	987098
Ion Ratio		Lower	Upper
167	100		
166	23.6	18.8	28.2
139	13.8	10.8	16.2

Manual Integrations
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#74

Di-n-butylphthalate

Concen: 37.501 ng

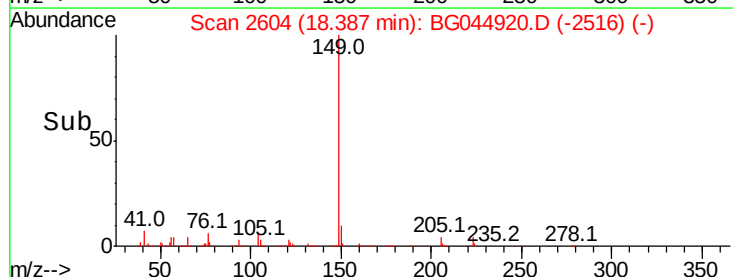
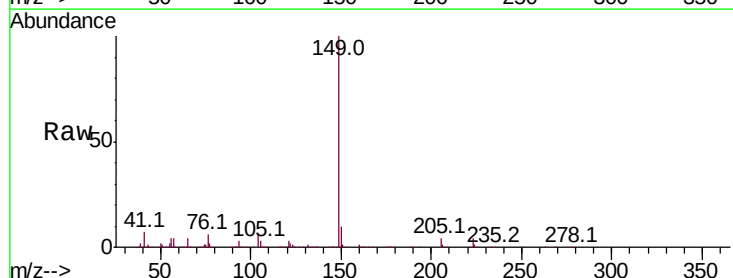
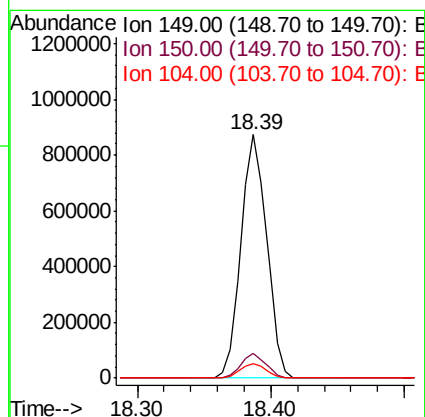
RT: 18.39 min Scan# 2604

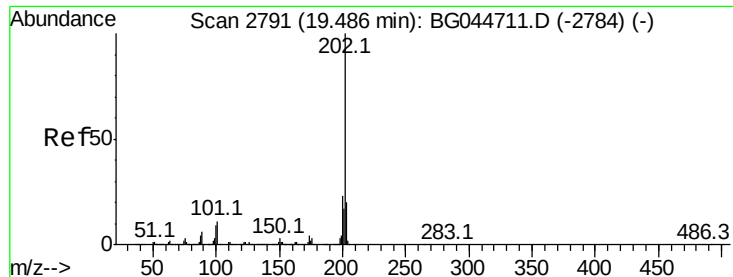
Delta R.T. -0.01 min

Lab File: BG044920.D

Acq: 20 Mar 2020 15:15

Tgt Ion:	149	Resp:	1163474
Ion Ratio		Lower	Upper
149	100		
150	10.1	8.1	12.1
104	6.2	5.0	7.4





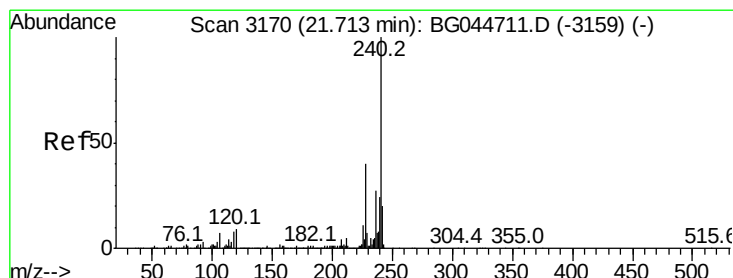
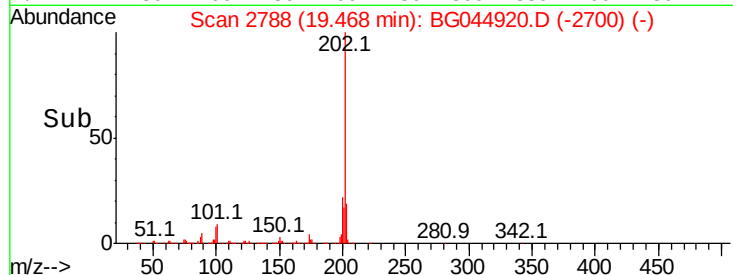
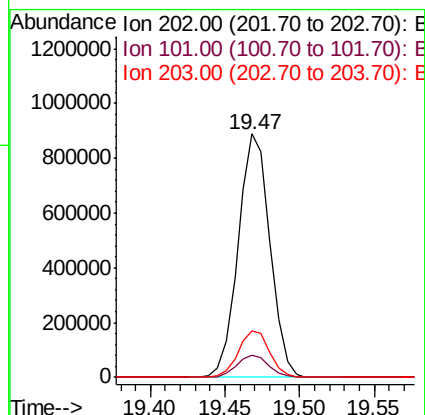
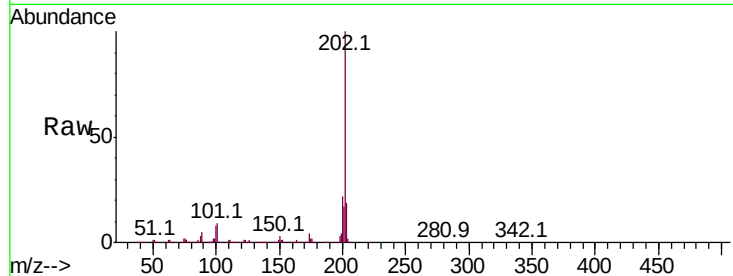
#75
Fluoranthene
Concen: 40.812 ng
RT: 19.47 min Scan# 2788
Delta R.T. -0.01 min
Lab File: BG044920.D
Acq: 20 Mar 2020 15:15

Instrument :
BNA_G
ClientSampleId :
PB127705BS

Tot Ion	Ratio	Lower	Upper
202	100		
101	9.0	0.0	29.8
203	19.0	0.0	39.4

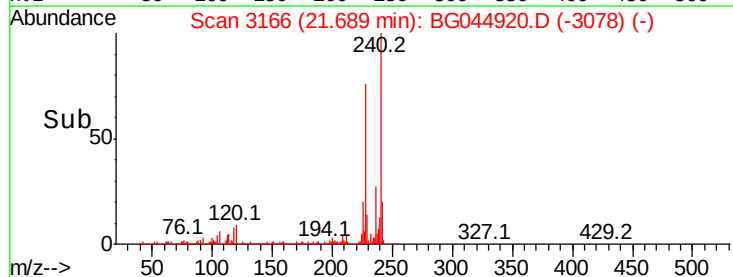
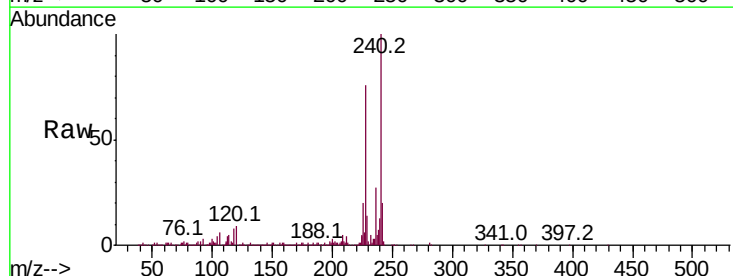
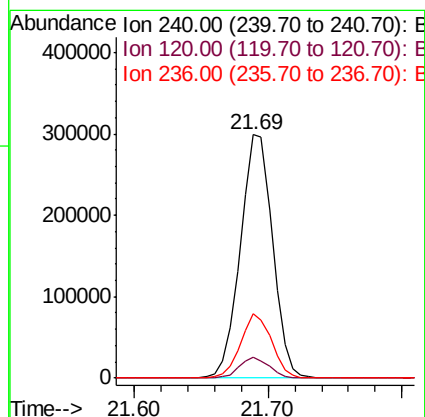
Manual Integrations
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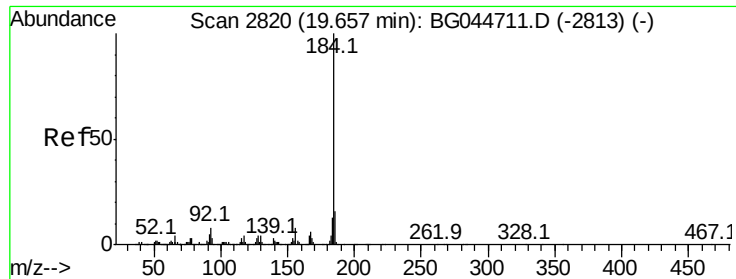
mohammad
3/23/2020 9:39:40 AM



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3166
Delta R.T. -0.01 min
Lab File: BG044920.D
Acq: 20 Mar 2020 15:15

Tgt Ion	Ratio	Lower	Upper
240	100		
120	8.5	6.7	10.1
236	26.6	21.5	32.3





#77

Benzidine

Concen: 33.122 ng

RT: 19.64 min Scan# 2818

Delta R.T. -0.01 min

Lab File: BG044920.D

Acq: 20 Mar 2020 15:15

Instrument :

BNA_G

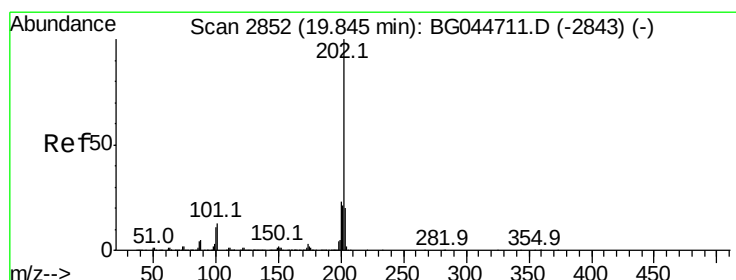
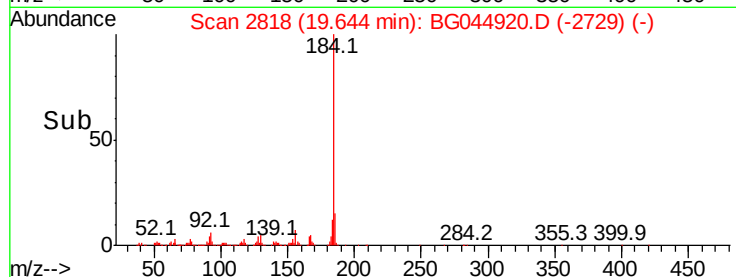
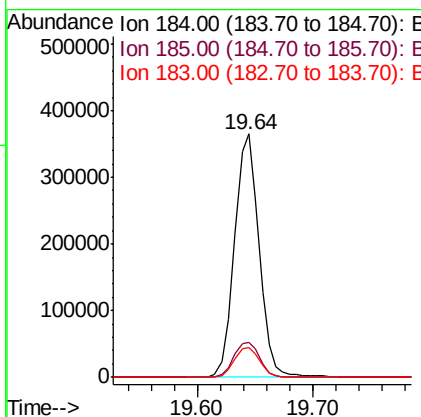
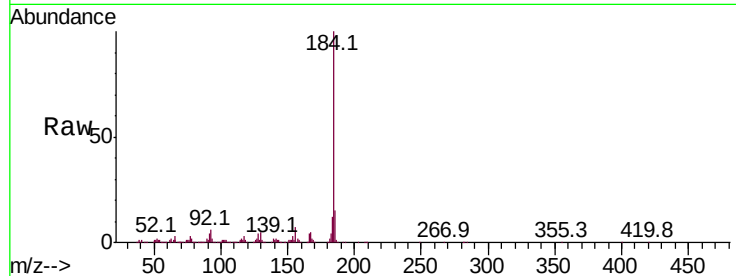
ClientSampleId :

PB127705BS

Tot Ion:	184	Resp:	536492
Ion Ratio	Lower	Upper	
184	100		
185	14.6	12.2	18.4
183	12.4	10.7	16.1

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#78

Pyrene

Concen: 35.776 ng

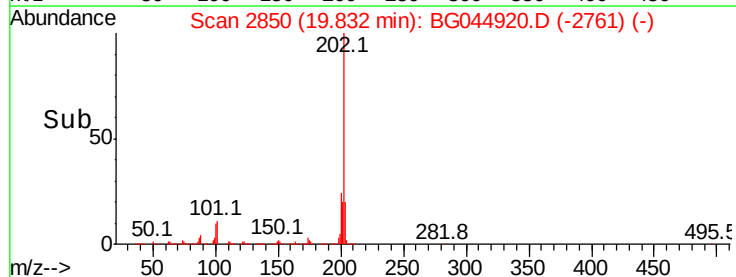
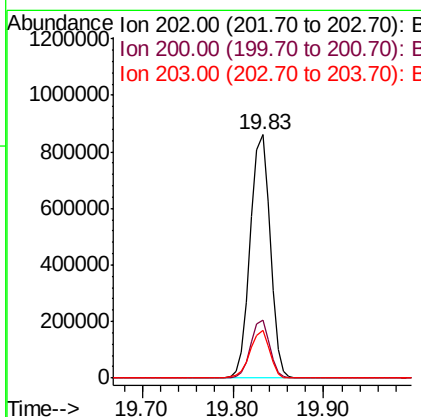
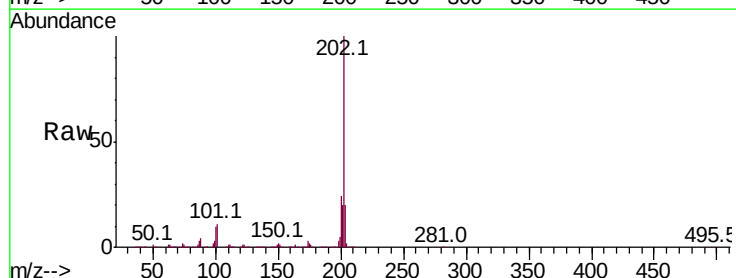
RT: 19.83 min Scan# 2850

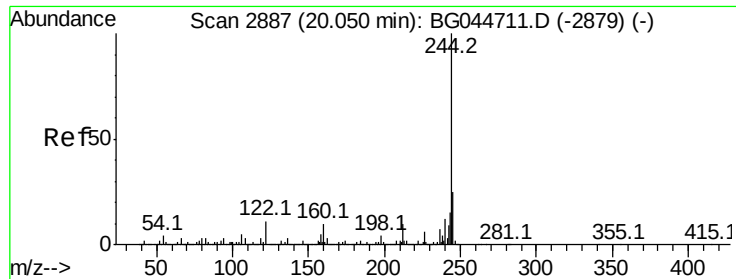
Delta R.T. -0.01 min

Lab File: BG044920.D

Acq: 20 Mar 2020 15:15

Tgt Ion:	202	Resp:	1309575
Ion Ratio	Lower	Upper	
202	100		
200	23.8	18.3	27.5
203	19.6	15.6	23.4





#79

Terphenyl-d14

Concen: 71.043 ng

RT: 20.03 min Scan# 2884

Delta R.T. -0.01 min

Lab File: BG044920.D

Acq: 20 Mar 2020 15:15

Instrument :

BNA_G

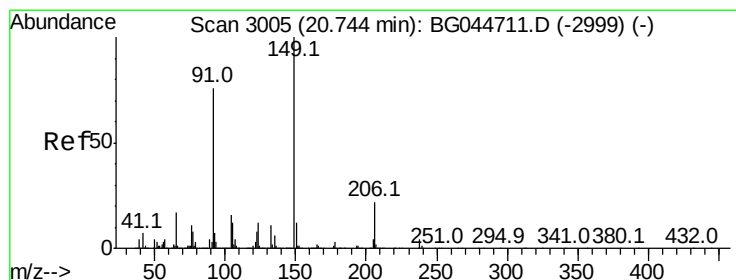
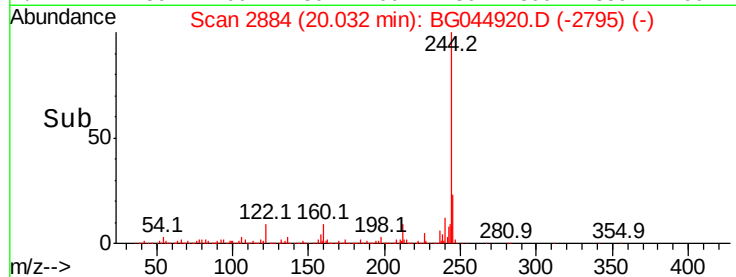
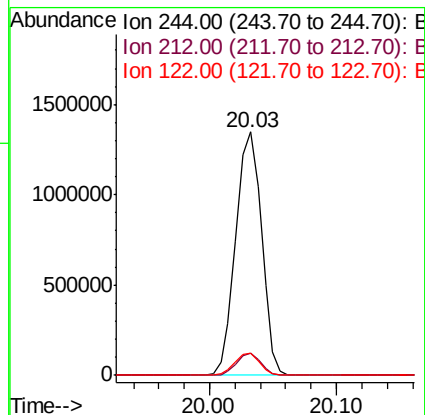
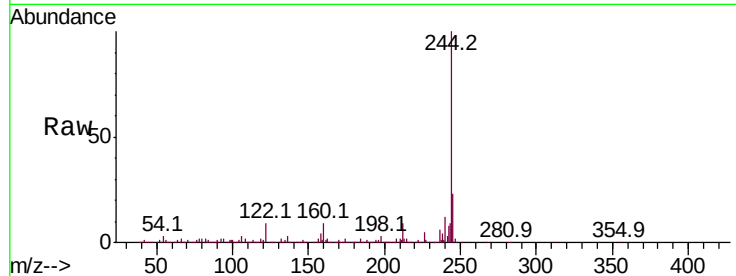
ClientSampleId :

PB127705BS

Tot Ion:	244	Resp:	1894953
Ion	Ratio	Lower	Upper
244	100		
212	9.4	7.7	11.5
122	9.2	8.6	12.8

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#80

Butylbenzylphthalate

Concen: 34.232 ng

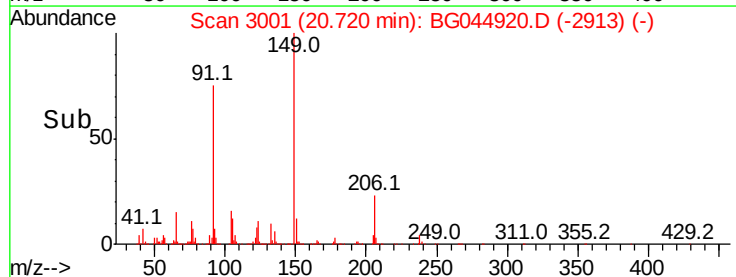
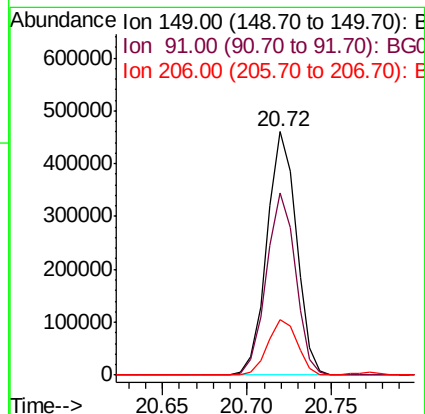
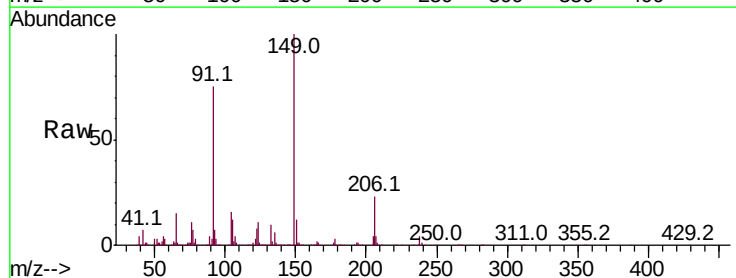
RT: 20.72 min Scan# 3001

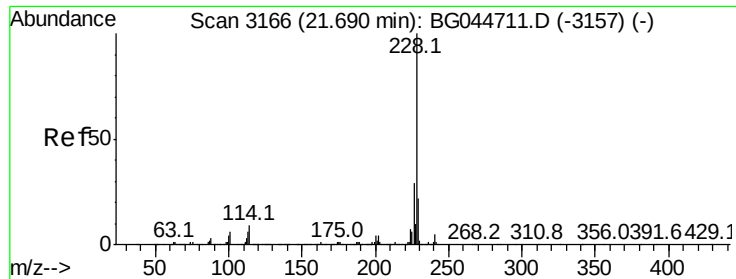
Delta R.T. -0.01 min

Lab File: BG044920.D

Acq: 20 Mar 2020 15:15

Tgt Ion:	149	Resp:	557463
Ion	Ratio	Lower	Upper
149	100		
91	74.6	60.2	90.4
206	22.8	18.6	27.8





#81

Benzo(a)anthracene

Concen: 35.878 ng

RT: 21.67 min Scan# 3163

Delta R.T. -0.01 min

Lab File: BG044920.D

Acq: 20 Mar 2020 15:15

Instrument :

BNA_G

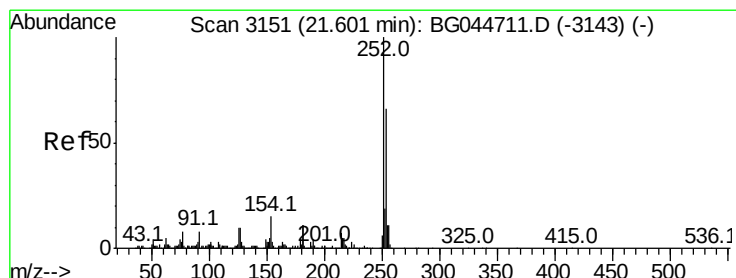
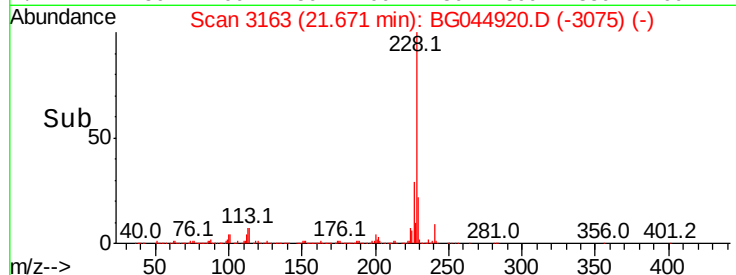
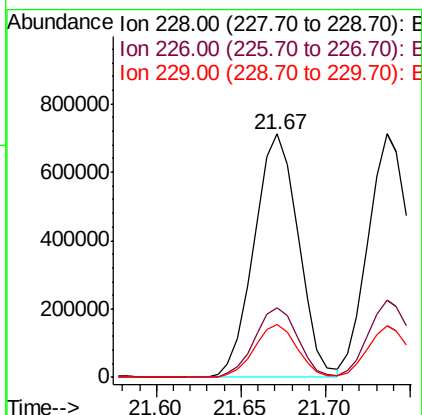
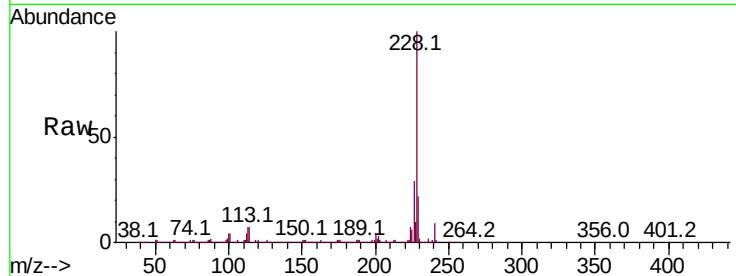
ClientSampleId :

PB127705BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.5	23.6	35.4
229	21.8	17.1	25.7

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#82

3,3'-Dichlorobenzidine

Concen: 21.696 ng

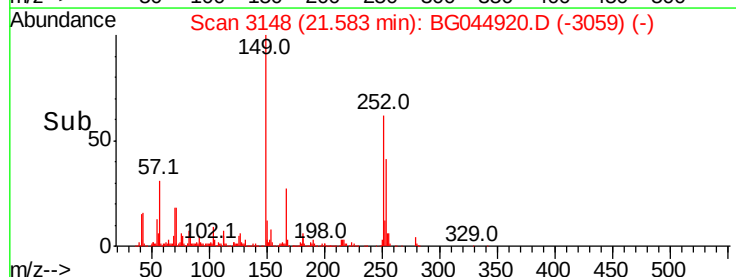
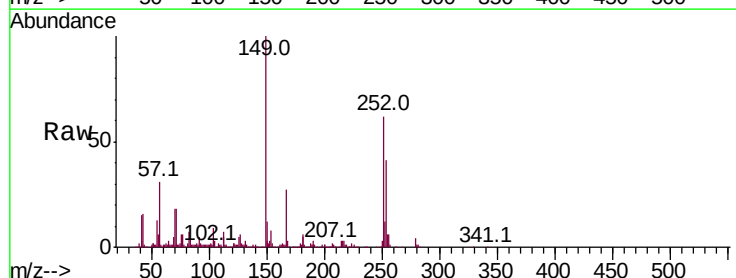
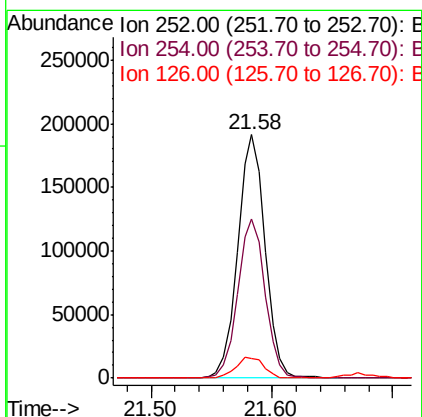
RT: 21.58 min Scan# 3148

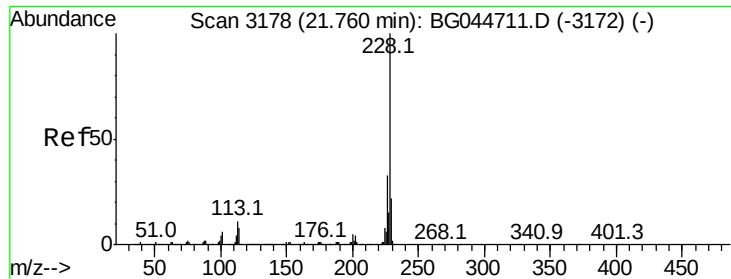
Delta R.T. -0.01 min

Lab File: BG044920.D

Acq: 20 Mar 2020 15:15

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.5	51.6	77.4
126	8.3	7.0	10.6





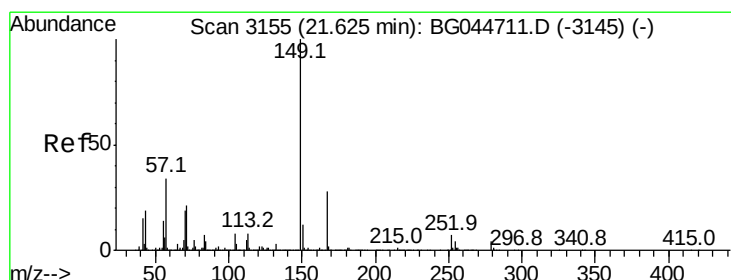
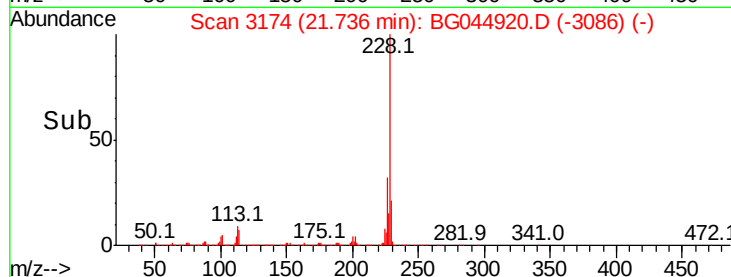
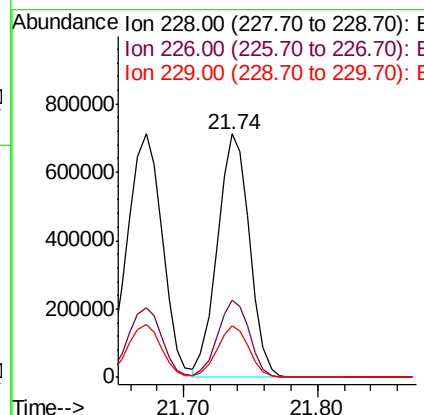
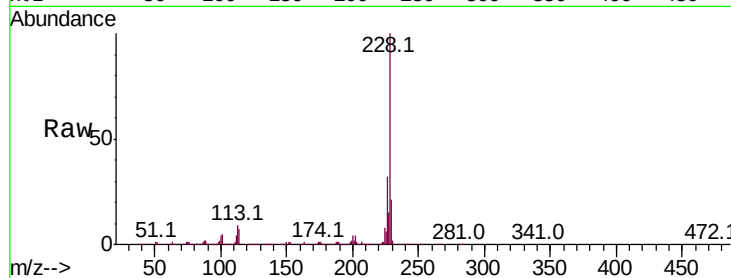
#83
Chrysene
Concen: 35.087 ng
RT: 21.74 min Scan# 3174
Delta R.T. -0.01 min
Lab File: BG044920.D
Acq: 20 Mar 2020 15:15

Instrument :
BNA_G
ClientSampleId :
PB127705BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.7	25.9	38.9
229	21.0	17.4	26.0

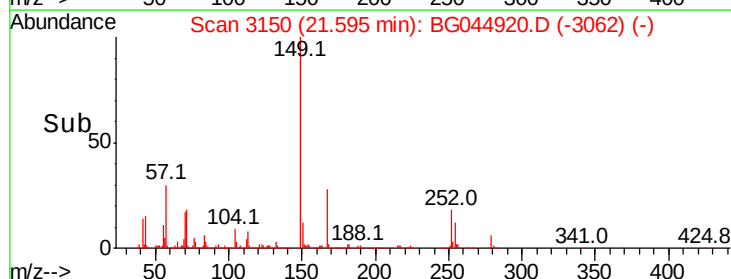
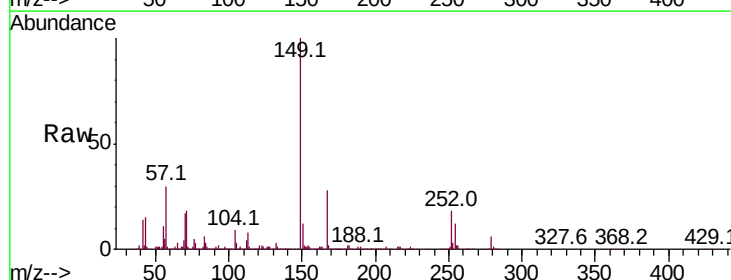
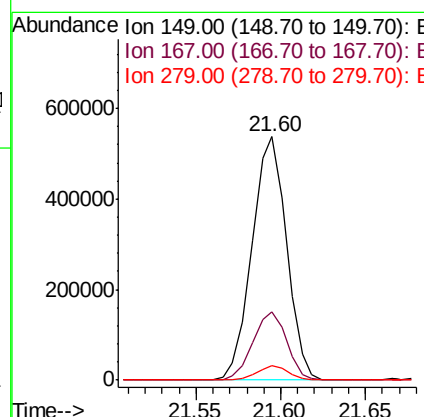
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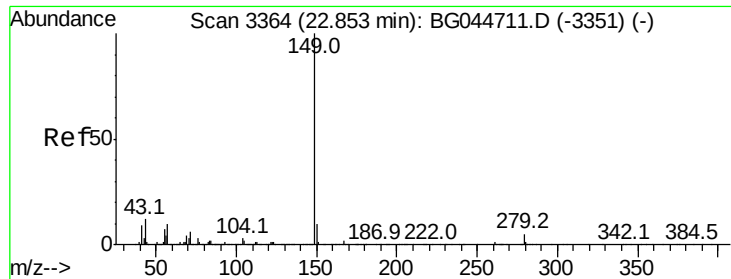
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#84
Bis(2-ethylhexyl)phthalate
Concen: 33.997 ng
RT: 21.60 min Scan# 3150
Delta R.T. -0.01 min
Lab File: BG044920.D
Acq: 20 Mar 2020 15:15

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.9	21.8	32.6
279	5.7	3.8	5.6#





#85

Di-n-octyl phthalate

Concen: 35.112 ng

RT: 22.81 min Scan# 3356

Delta R.T. -0.02 min

Lab File: BG044920.D

Acq: 20 Mar 2020 15:15

Instrument :

BNA_G

ClientSampleId :

PB127705BS

Tot Ion:149 Resp: 1320549

Ion Ratio Lower Upper

149 100

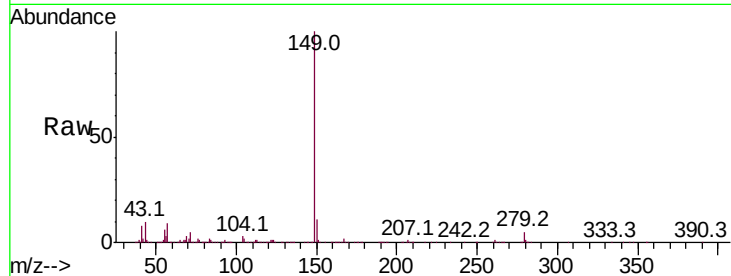
167 1.7 1.4 2.0

43 9.6 8.2 12.4

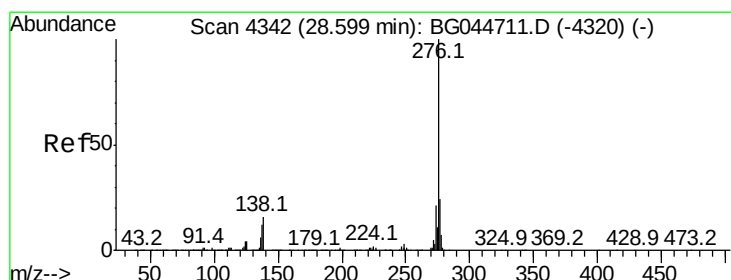
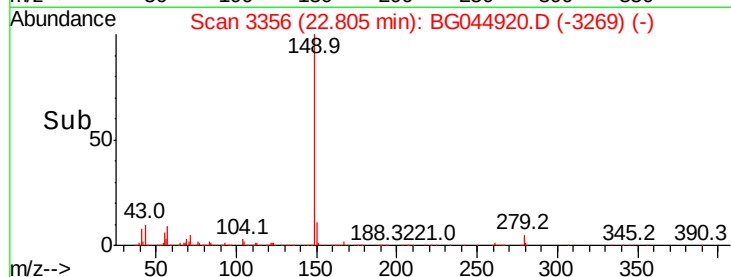
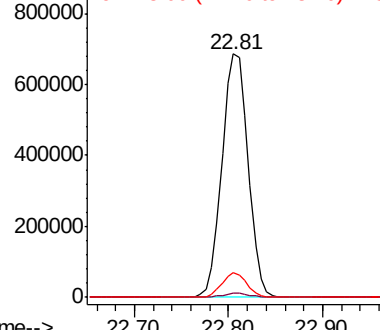
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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 36.214 ng

RT: 28.54 min Scan# 4332

Delta R.T. -0.03 min

Lab File: BG044920.D

Acq: 20 Mar 2020 15:15

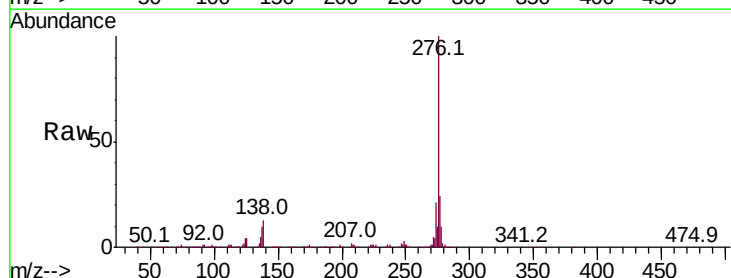
Tgt Ion:276 Resp: 1629328

Ion Ratio Lower Upper

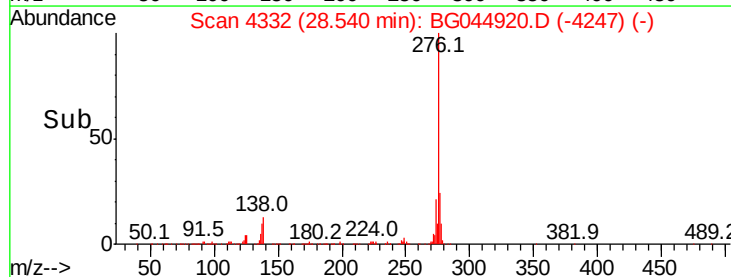
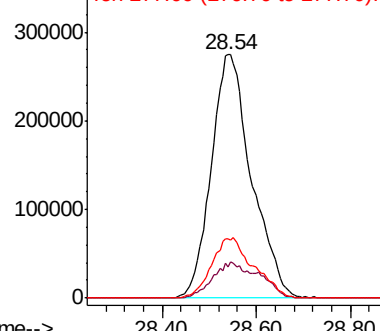
276 100

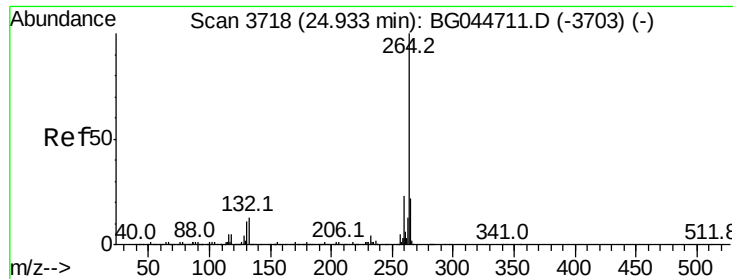
138 12.6 7.4 11.0#

277 25.8 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: 24.89 min Scan# 3711

Delta R.T. -0.02 min

Lab File: BG044920.D

Acq: 20 Mar 2020 15:15

Instrument :

BNA_G

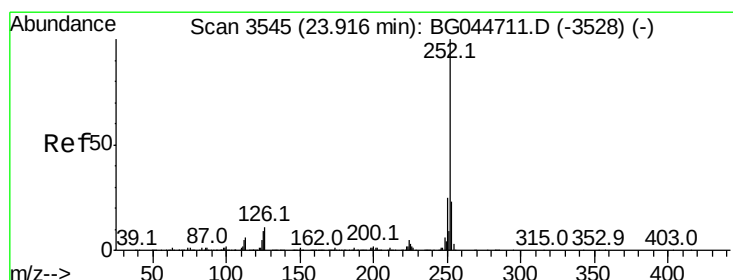
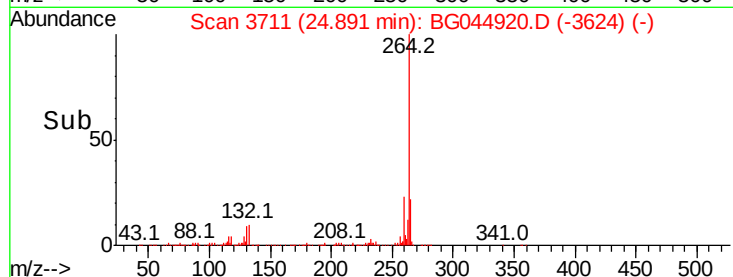
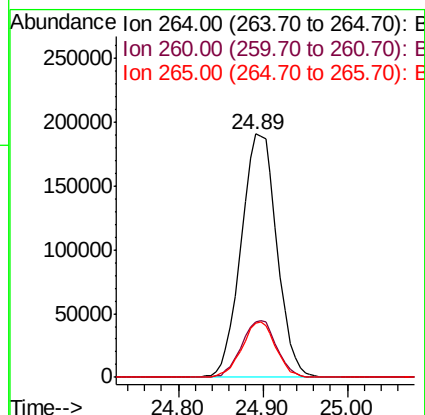
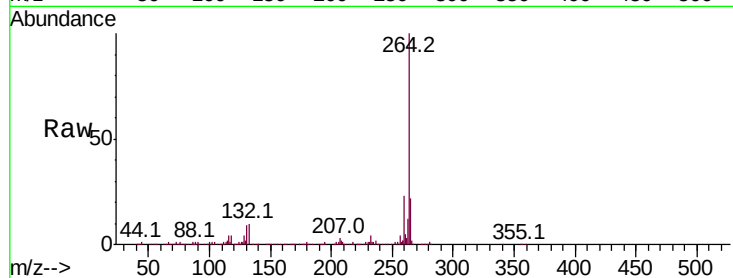
ClientSampleId :

PB127705BS

Tot Ion:	264	Resp:	560269
Ion Ratio	Lower	Upper	
264	100		
260	23.0	18.1	27.1
265	22.0	17.1	25.7

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#88

Benzo(b)fluoranthene

Concen: 36.989 ng

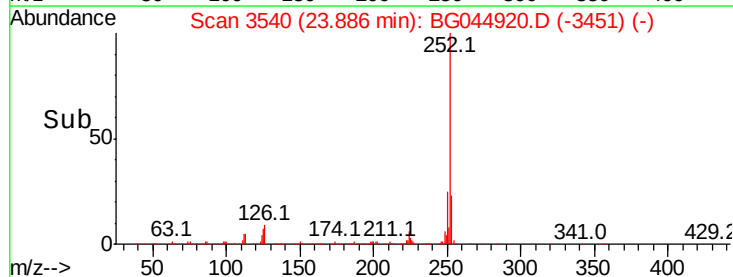
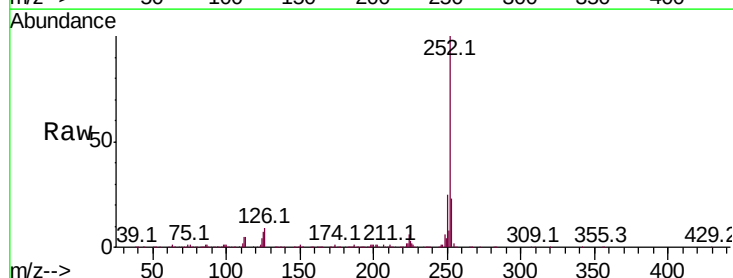
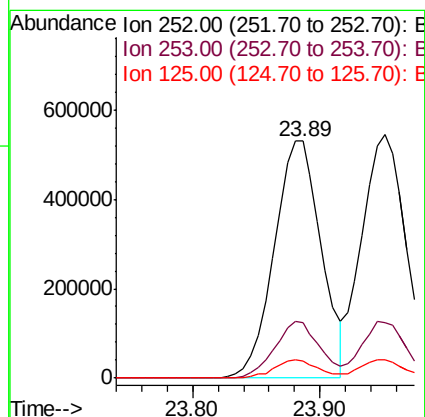
RT: 23.89 min Scan# 3540

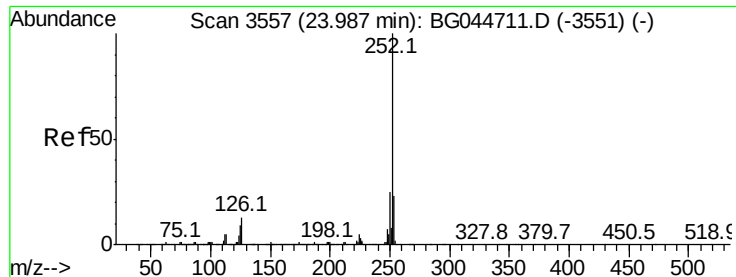
Delta R.T. -0.01 min

Lab File: BG044920.D

Acq: 20 Mar 2020 15:15

Tgt Ion:	252	Resp:	1368121
Ion Ratio	Lower	Upper	
252	100		
253	23.2	18.1	27.1
125	7.3	6.6	9.8





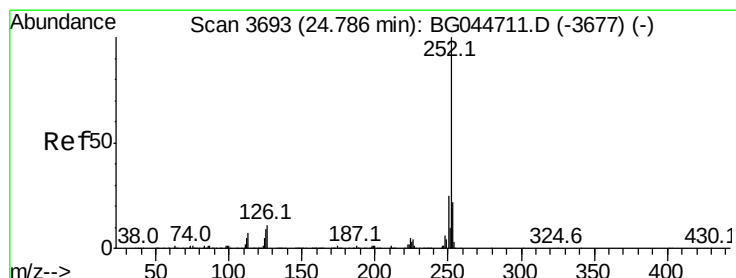
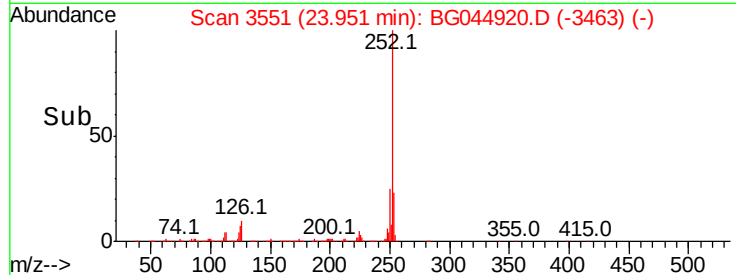
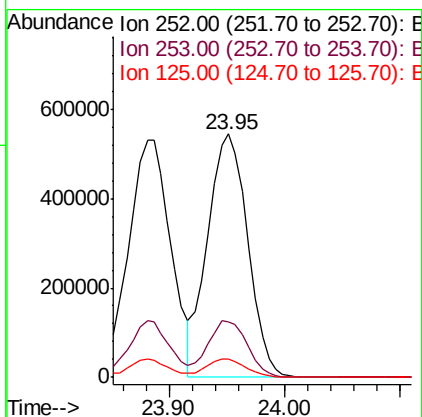
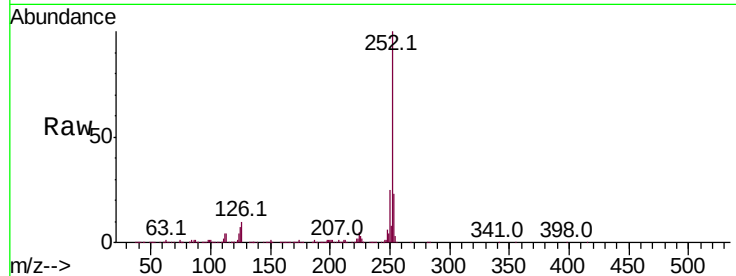
#89
Benzo(k)fluoranthene
Concen: 37.476 ng
RT: 23.95 min Scan# 3551
Delta R.T. -0.01 min
Lab File: BG044920.D
Acq: 20 Mar 2020 15:15

Instrument :
BNA_G
ClientSampleId :
PB127705BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.5	27.7
125	7.3	6.2	9.2

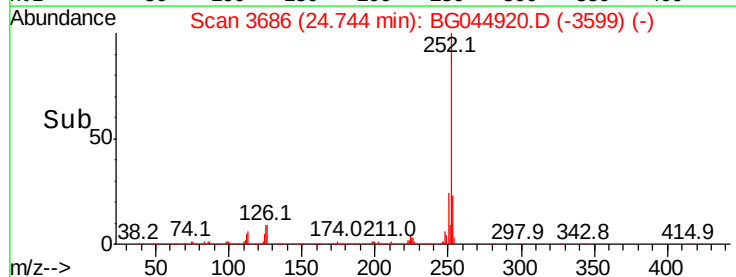
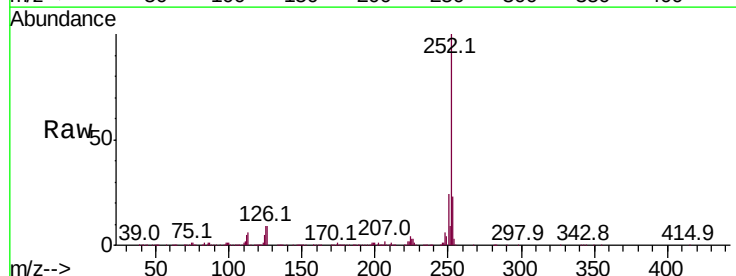
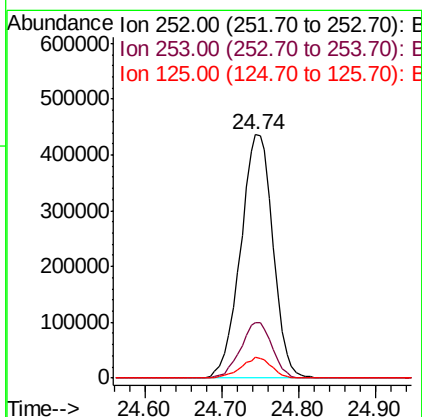
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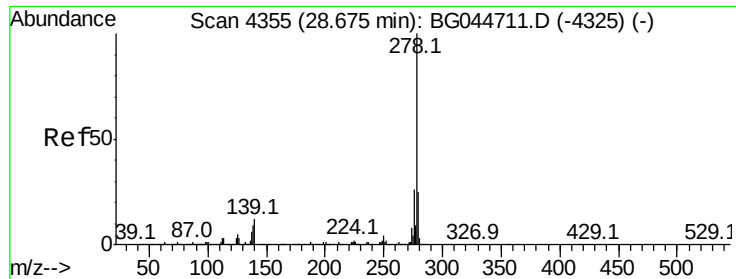
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#90
Benzo(a)pyrene
Concen: 37.014 ng
RT: 24.74 min Scan# 3686
Delta R.T. -0.02 min
Lab File: BG044920.D
Acq: 20 Mar 2020 15:15

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	19.4	29.0
125	8.5	7.2	10.8





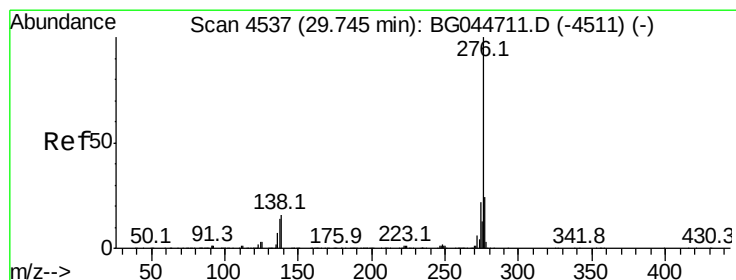
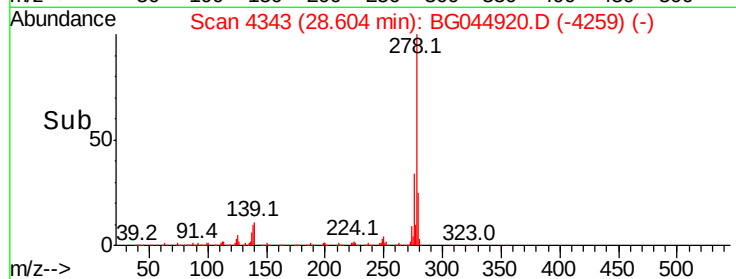
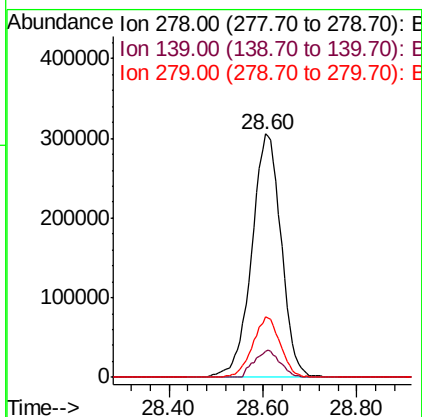
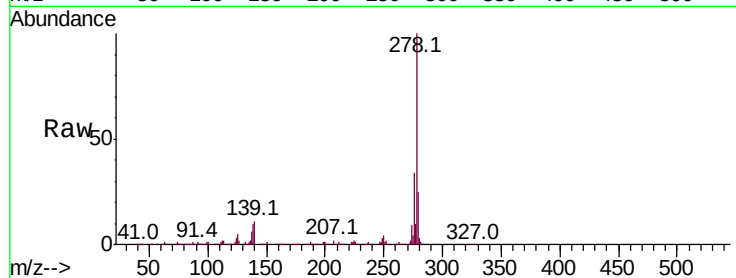
#91
Dibenzo(a,h)anthracene
Concen: 39.076 ng
RT: 28.60 min Scan# 4343
Delta R.T. -0.03 min
Lab File: BG044920.D
Acq: 20 Mar 2020 15:15

Instrument :
BNA_G
ClientSampleId :
PB127705BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	10.6	10.2	15.2
279	25.1	18.9	28.3

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 39.218 ng
RT: 29.67 min Scan# 4525
Delta R.T. -0.03 min
Lab File: BG044920.D
Acq: 20 Mar 2020 15:15

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.1	20.1	30.1
138	14.0	13.0	19.6

