

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG032420\
 Data File : BG044931.D
 Acq On : 24 Mar 2020 15:30
 Operator : CG/JU
 Sample : PB127768BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB127768BSD

Manual Integrations
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 3/25/2020 12:27:40 PM

Quant Time: Mar 24 16:07:53 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 23 07:18:46 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	89666	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	350609	20.00	ng	-0.01
39) Acenaphthene-d10	14.68	164	232876	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	528918	20.00	ng	0.00
76) Chrysene-d12	21.69	240	494542	20.00	ng	-0.01
87) Perylene-d12	24.89	264	545508	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.62	112	726441	126.12	ng	0.00
7) Phenol-d6	7.20	99	969885	115.89	ng	0.00
23) Nitrobenzene-d5	9.20	82	617811	77.32	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	387705	127.15	ng	0.00
45) 2-Fluorobiphenyl	13.30	172	1300094	79.95	ng	0.00
79) Terphenyl-d14	20.03	244	2048622	77.49	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.51	88	98539	35.525	ng	97
3) Pyridine	3.91	79	264417	32.201	ng	98
4) n-Nitrosodimethylamine	3.82	42	126537	40.615	ng	# 97
6) Aniline	7.36	93	311718	29.934	ng	98
8) 2-Chlorophenol	7.61	128	266818	46.403	ng	96
9) Benzaldehyde	7.17	77	204072	40.064	ng	93
10) Phenol	7.23	94	357255	43.118	ng	97
11) bis(2-Chloroethyl)ether	7.46	93	260967	39.466	ng	98
12) 1,3-Dichlorobenzene	7.93	146	291220	41.115	ng	99
13) 1,4-Dichlorobenzene	8.08	146	288939	41.262	ng	96
14) 1,2-Dichlorobenzene	8.40	146	267576	40.290	ng	97
15) Benzyl Alcohol	8.27	79	261117	38.887	ng	93
16) 2,2'-oxybis(1-Chloropropan	8.57	45	378668	32.450	ng	97
17) 2-Methylphenol	8.49	107	238271	42.454	ng	97
18) Hexachloroethane	9.13	117	110754	40.173	ng	98
19) n-Nitroso-di-n-propylamine	8.85	70	213204	36.079	ng	100
20) 3+4-Methylphenols	8.81	107	328102	42.409	ng	97
22) Acetophenone	8.86	105	398971	40.167	ng	99
24) Nitrobenzene	9.24	77	330082	39.815	ng	98
25) Isophorone	9.77	82	589592	37.809	ng	97
26) 2-Nitrophenol	9.95	139	131898	46.077	ng	99
27) 2,4-Dimethylphenol	10.02	122	236946	46.659	ng	95
28) bis(2-Chloroethoxy)methane	10.25	93	341975	36.747	ng	100
29) 2,4-Dichlorophenol	10.49	162	263141	44.364	ng	99
30) 1,2,4-Trichlorobenzene	10.71	180	285417	40.243	ng	93
31) Naphthalene	10.90	128	788977	40.623	ng	99
32) Benzoic acid	10.16	122	125537	35.010	ng	94
33) 4-Chloroaniline	11.00	127	159205	18.194	ng	97
34) Hexachlorobutadiene	11.20	225	191012	40.954	ng	98
35) Caprolactam	11.77	113	88605m	39.455	ng	
36) 4-Chloro-3-methylphenol	12.12	107	293067	41.428	ng	97
37) 2-Methylnaphthalene	12.50	142	586764	40.387	ng	96
38) 1-Methylnaphthalene	12.72	142	559020	40.928	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.87	216	310841	40.531	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.86	237	421333	100.525	nq	99
43) 2,4,6-Trichlorophenol	13.11	196	223590	43.930	nq	98
44) 2,4,5-Trichlorophenol	13.18	196	235410	44.599	nq	97
46) 1,1'-Biphenyl	13.51	154	728988	39.173	nq	98
47) 2-Chloronaphthalene	13.55	162	564203	39.687	nq	98
48) 2-Nitroaniline	13.74	65	194274	39.034	nq	97
49) Acenaphthylene	14.40	152	907982	40.768	nq	98
50) Dimethylphthalate	14.13	163	741187	39.962	nq	99
51) 2,6-Dinitrotoluene	14.24	165	169906	45.446	nq	97
52) Acenaphthene	14.74	154	647465	44.390	nq	97
53) 3-Nitroaniline	14.57	138	102278	23.795	nq	91
54) 2,4-Dinitrophenol	14.77	184	167705	85.235	nq	96
55) Dibenzofuran	15.07	168	868265	41.050	nq	99
56) 4-Nitrophenol	14.88	139	276675	84.343	nq	95
57) 2,4-Dinitrotoluene	15.03	165	230342	44.924	nq	99
58) Fluorene	15.72	166	722381	41.517	nq	100
59) 2,3,4,6-Tetrachlorophenol	15.30	232	214339	44.106	nq	92
60) Diethylphthalate	15.49	149	752672	38.908	nq	97
61) 4-Chlorophenyl-phenylether	15.72	204	387787	41.391	nq	99
62) 4-Nitroaniline	15.74	138	172173	37.565	nq	95
63) Azobenzene	16.01	77	759628	37.813	nq	99
65) 4,6-Dinitro-2-methylphenol	15.79	198	125228	49.940	nq	91
66) n-Nitrosodiphenylamine	15.93	169	650082	40.824	nq	99
67) 4-Bromophenyl-phenylether	16.61	248	269993	40.832	nq	97
68) Hexachlorobenzene	16.73	284	287735	40.111	nq	99
69) Atrazine	16.88	200	258914	44.379	nq	98
70) Pentachlorophenol	17.07	266	345027	87.415	nq	97
71) Phenanthrene	17.46	178	1144524	40.493	nq	100
72) Anthracene	17.56	178	1168196	41.915	nq	99
73) Carbazole	17.82	167	1096709	40.965	nq	99
74) Di-n-butylphthalate	18.39	149	1275670	39.199	nq	99
75) Fluoranthene	19.47	202	1432372	42.562	nq	100
77) Benzidine	19.64	184	696353	43.374	nq	100
78) Pyrene	19.83	202	1400717	38.605	nq	99
80) Butylbenzylphthalate	20.72	149	580251	35.948	nq	99
81) Benzo(a)anthracene	21.67	228	1361007	38.219	nq	100
82) 3,3'-Dichlorobenzidine	21.58	252	351548	25.518	nq	98
83) Chrysene	21.73	228	1295552	38.086	nq	99
84) Bis(2-ethylhexyl)phthalate	21.59	149	804140	36.097	nq	98
85) Di-n-octyl phthalate	22.80	149	1377404	36.949	nq	99
86) Indeno(1,2,3-cd)pyrene	28.54	276	1748678	39.211	nq	# 97
88) Benzo(b)fluoranthene	23.88	252	1494359	41.495	nq	99
89) Benzo(k)fluoranthene	23.95	252	1423372	41.765	nq	98
90) Benzo(a)pyrene	24.74	252	1363212	40.454	nq	96
91) Dibenzo(a,h)anthracene	28.61	278	1406254	42.300	nq	98
92) Benzo(g,h,i)perylene	29.67	276	1408162	41.924	nq	97

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

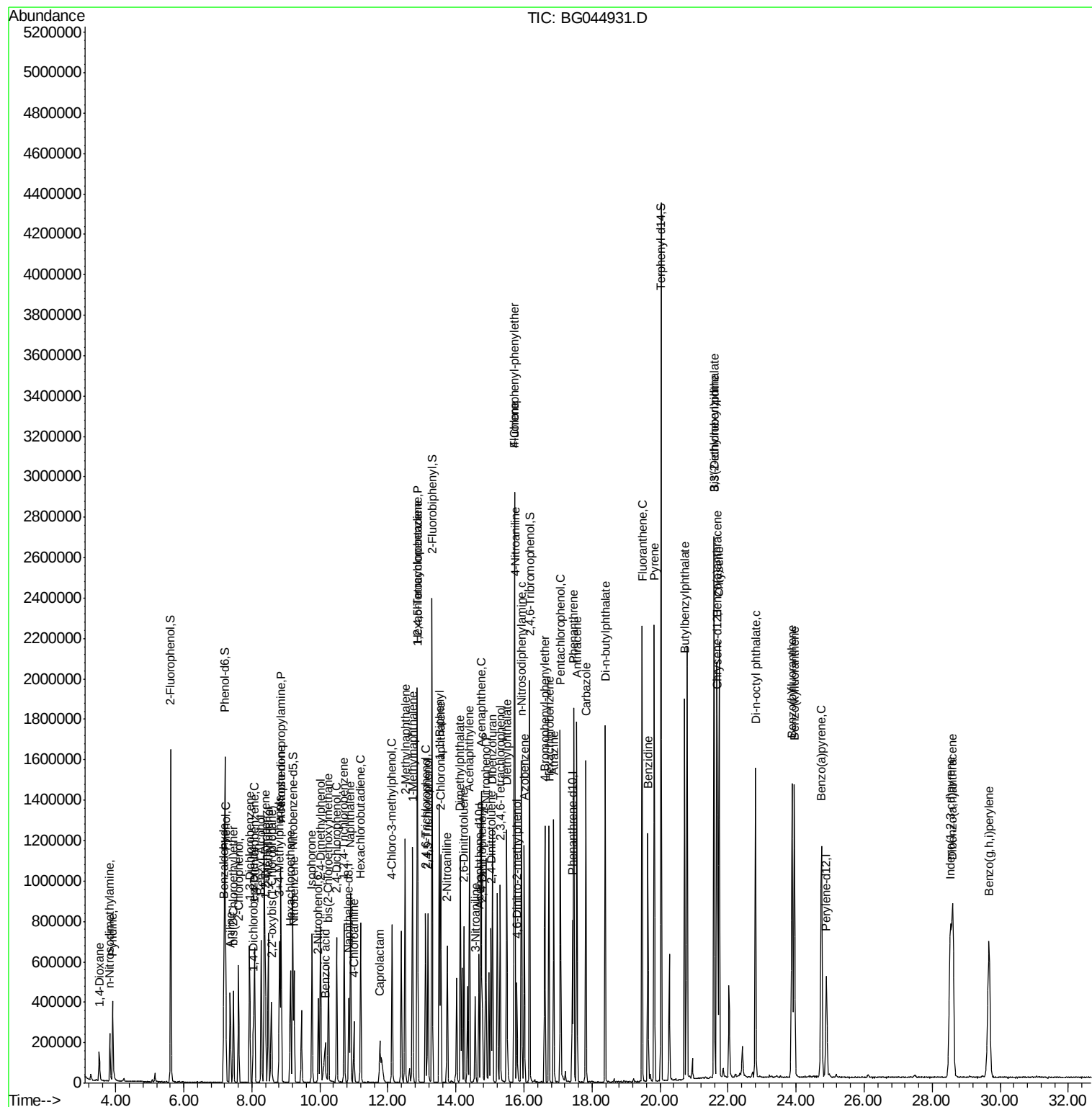
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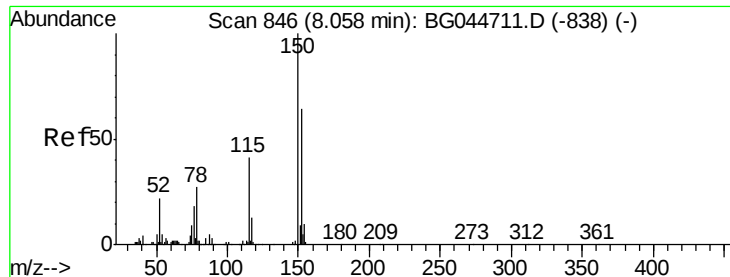
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#1

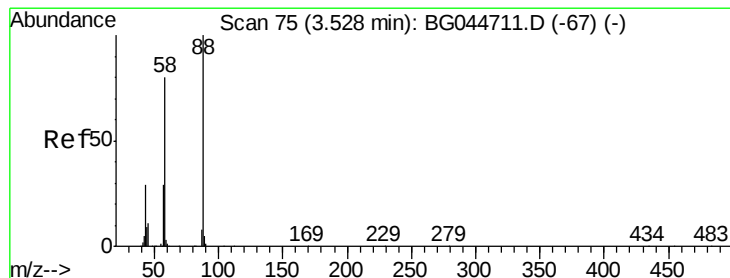
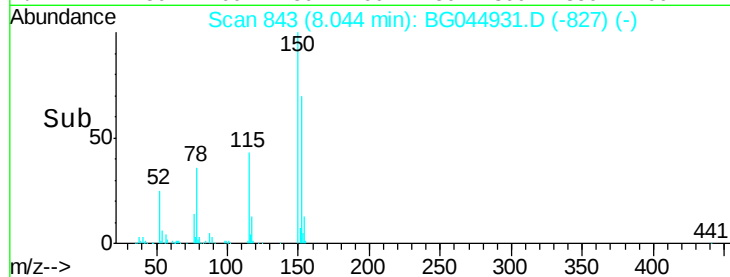
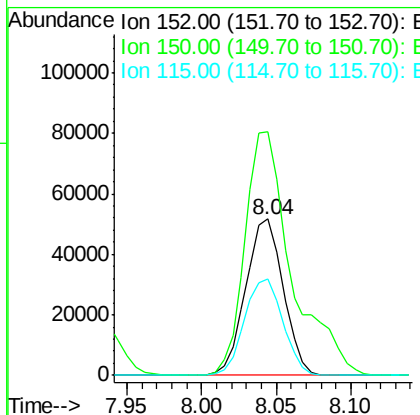
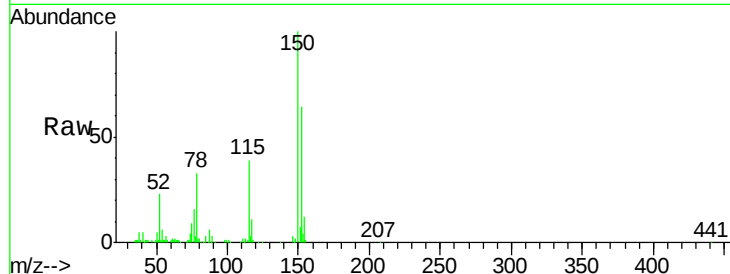
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.01 min
Lab File: BG044931.D
Acq: 24 Mar 2020 15:30

Instrument :
BNA_G
ClientSampleId :
PB127768BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.6	128.8	193.2
115	61.4	52.6	79.0

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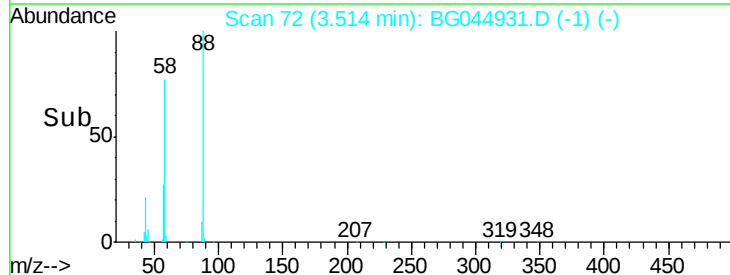
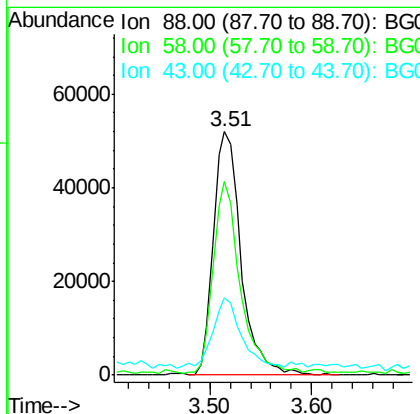
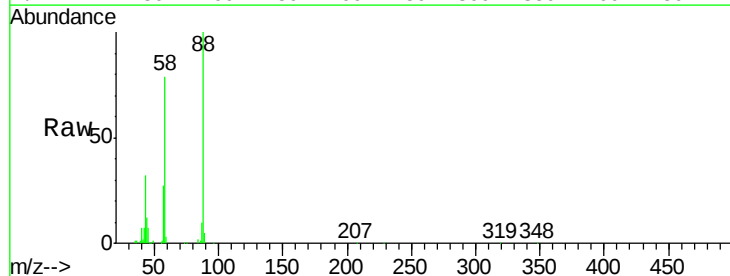
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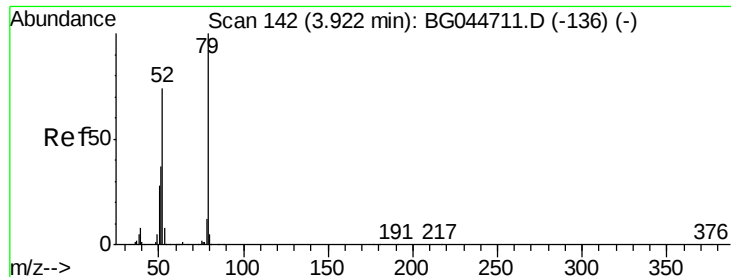


#2

1,4-Dioxane
Concen: 35.525 ng
RT: 3.51 min Scan# 72
Delta R.T. -0.01 min
Lab File: BG044931.D
Acq: 24 Mar 2020 15:30

Tgt Ion	Ratio	Lower	Upper
88	100		
58	75.5	63.0	94.4
43	30.6	24.8	37.2





#3

Pvridine

Concen: 32.201 ng

RT: 3.91 min Scan# 139

Delta R.T. -0.01 min

Lab File: BG044931.D

Acq: 24 Mar 2020 15:30

Instrument :

BNA_G

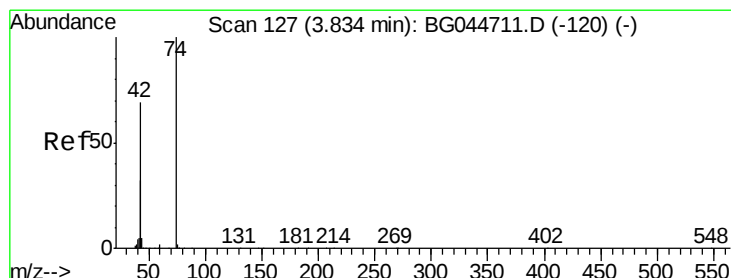
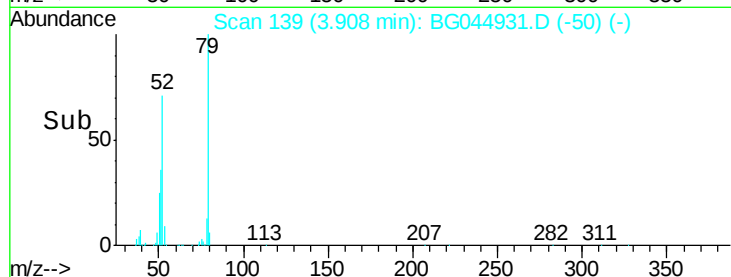
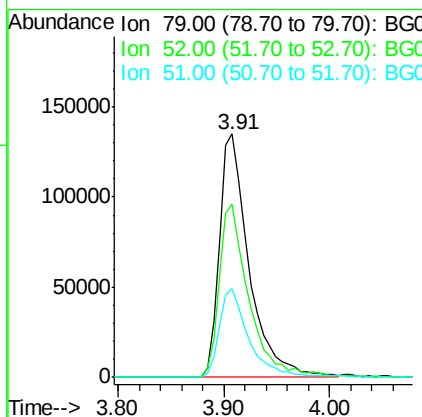
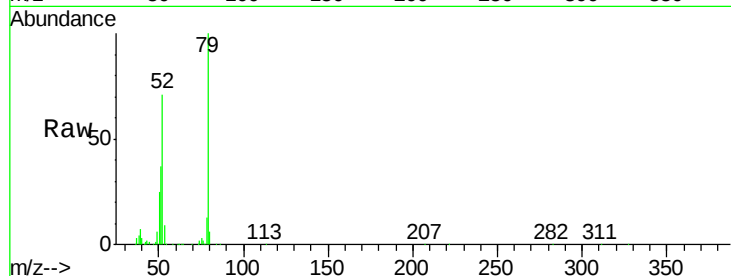
ClientSampleId :

PB127768BSD

Tot Ion:	79	Resp:	264417
Ion Ratio	Lower	Upper	
79	100		
52	71.2	56.3	84.5
51	36.6	28.1	42.1

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#4

n-Nitrosodimethylamine

Concen: 40.615 ng

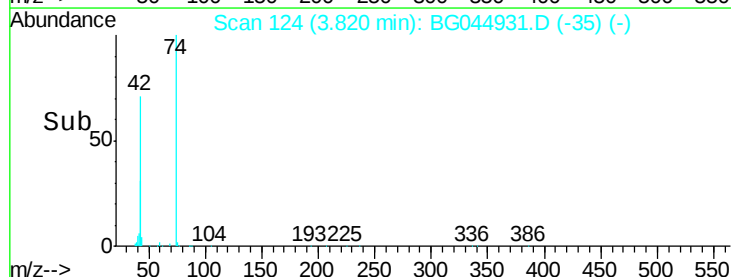
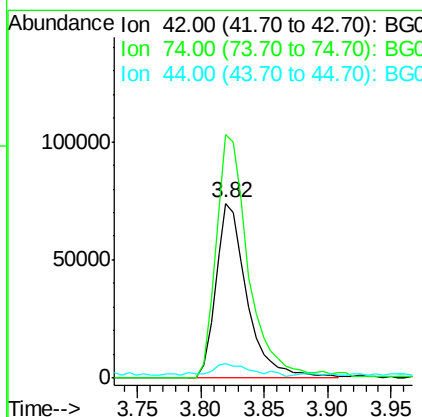
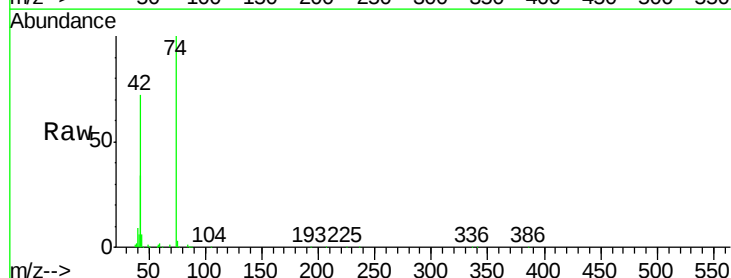
RT: 3.82 min Scan# 124

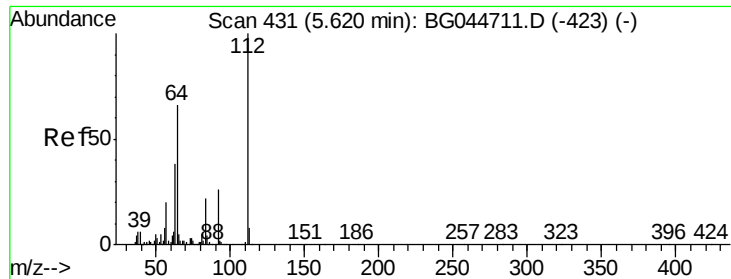
Delta R.T. -0.01 min

Lab File: BG044931.D

Acq: 24 Mar 2020 15:30

Tgt Ion:	42	Resp:	126537
Ion Ratio	Lower	Upper	
42	100		
74	139.3	109.1	163.7
44	8.5	5.4	8.2#





#5

2-Fluorophenol

Concen: 126.118 ng

RT: 5.62 min Scan# 430

Delta R.T. 0.00 min

Lab File: BG044931.D

Acq: 24 Mar 2020 15:30

Instrument :

BNA_G

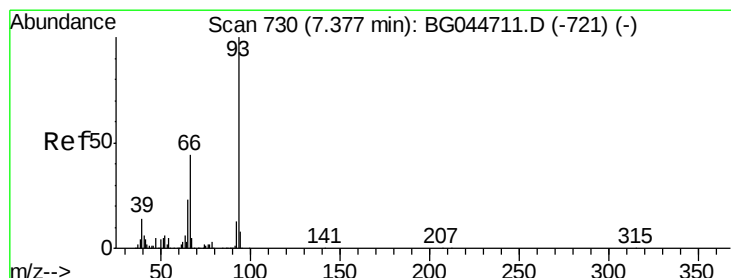
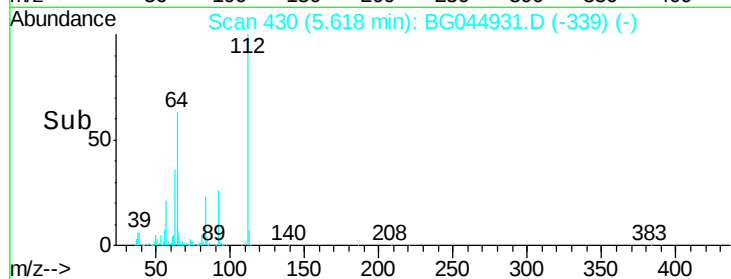
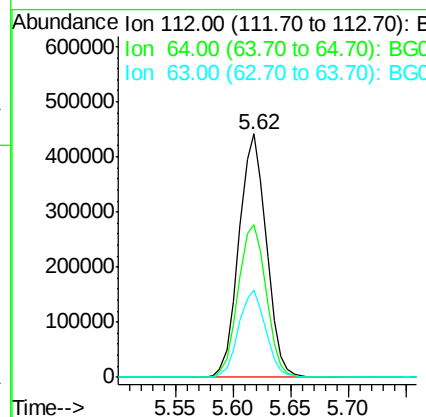
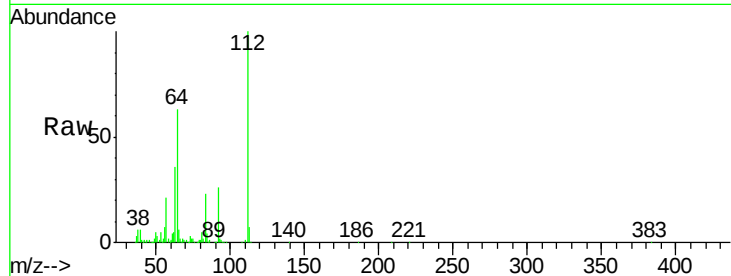
ClientSampleId :

PB127768BSD

Tot Ion:	112	Resp:	726441
Ion Ratio	Lower	Upper	
112	100		
64	62.7	53.4	80.2
63	35.9	29.4	44.2

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#6

Aniline

Concen: 29.934 ng

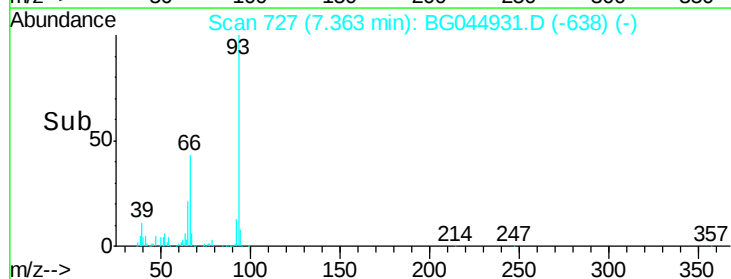
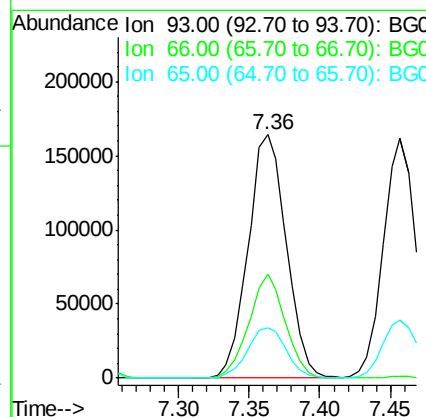
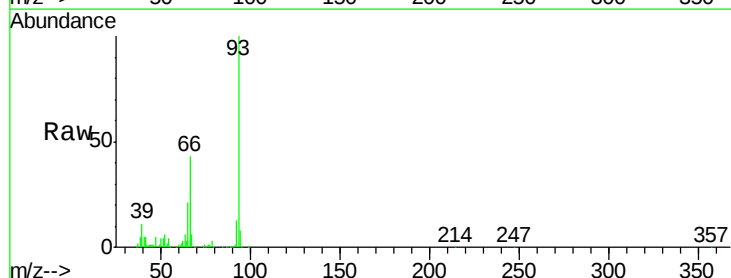
RT: 7.36 min Scan# 727

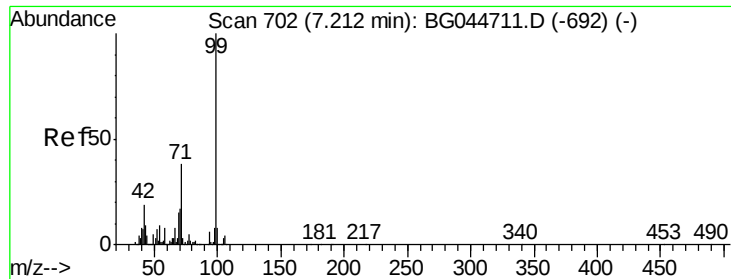
Delta R.T. -0.01 min

Lab File: BG044931.D

Acq: 24 Mar 2020 15:30

Tgt Ion:	93	Resp:	311718
Ion Ratio	Lower	Upper	
93	100		
66	42.7	33.7	50.5
65	20.7	17.7	26.5





#7

Phenol-d6

Concen: 115.891 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.00 min

Lab File: BG044931.D

Acq: 24 Mar 2020 15:30

Instrument :

BNA_G

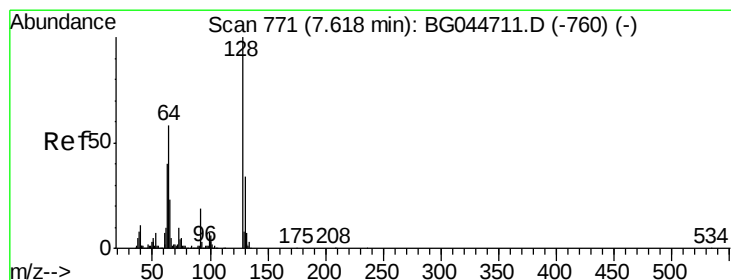
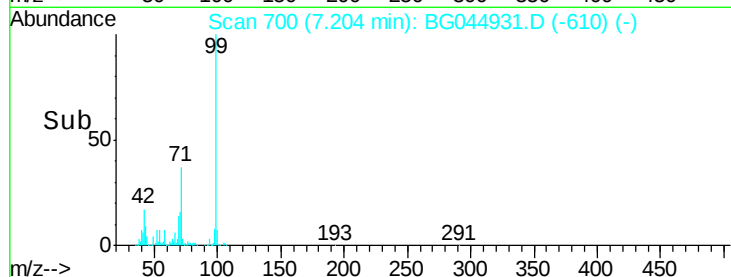
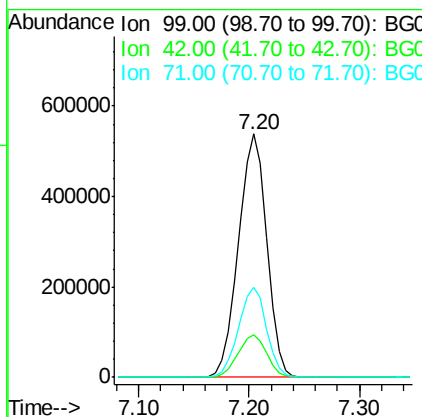
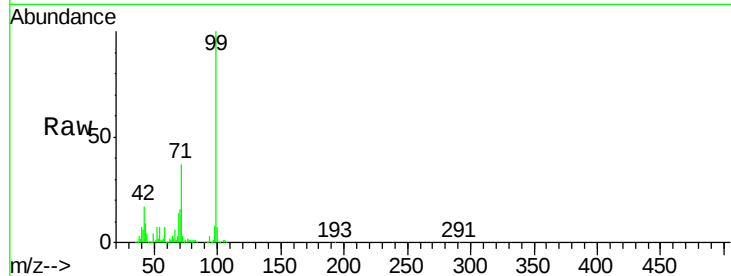
ClientSampleId :

PB127768BSD

Tot Ion:	99	Resp:	969885
Ion Ratio	Lower	Upper	
99	100		
42	17.3	12.6	19.0
71	37.1	29.0	43.4

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#8

2-Chlorophenol

Concen: 46.403 ng

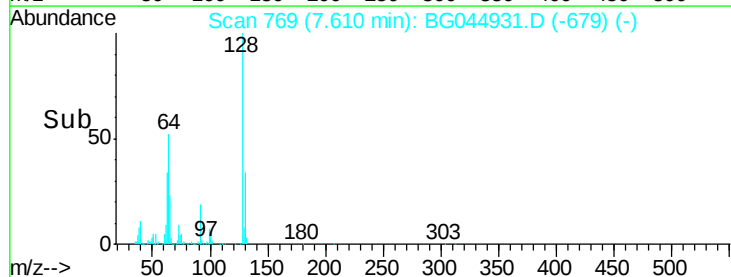
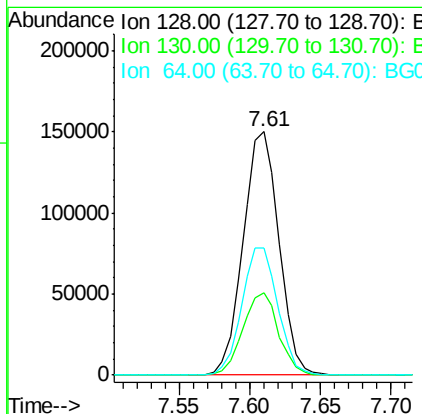
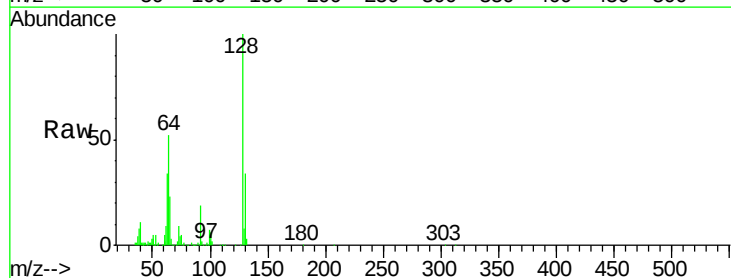
RT: 7.61 min Scan# 769

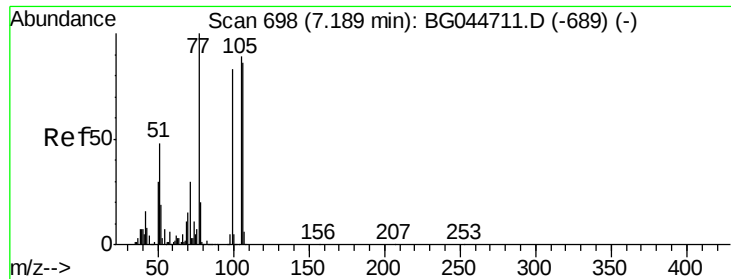
Delta R.T. -0.00 min

Lab File: BG044931.D

Acq: 24 Mar 2020 15:30

Tgt Ion:	128	Resp:	266818
Ion Ratio	Lower	Upper	
128	100		
130	34.0	11.6	51.6
64	52.1	34.5	74.5





#9

Benzaldehyde

Concen: 40.064 ng

RT: 7.17 min Scan# 695

Delta R.T. -0.00 min

Lab File: BG044931.D

Acq: 24 Mar 2020 15:30

Instrument :

BNA_G

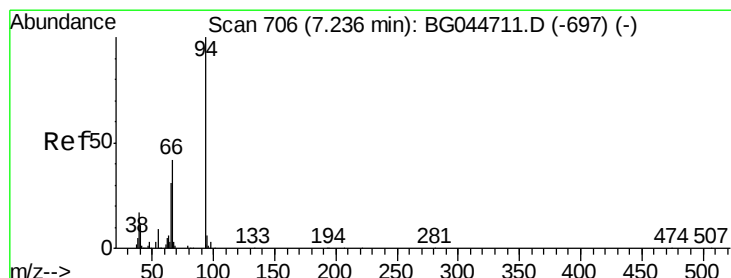
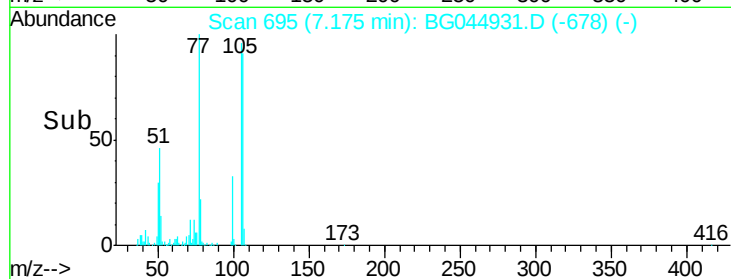
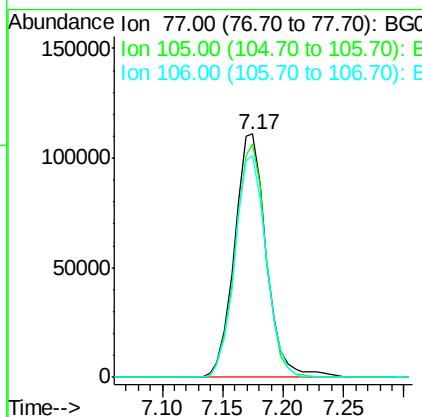
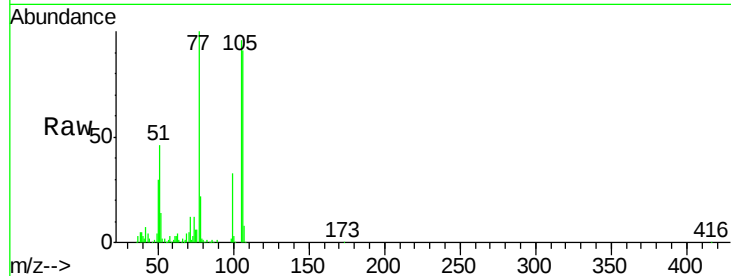
ClientSampled :

PB127768BSD

Tot Ion:	77	Resp:	204072
Ion Ratio	Lower	Upper	
77	100		
105	96.1	69.3	109.3
106	91.4	64.5	104.5

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#10

Phenol

Concen: 43.118 ng

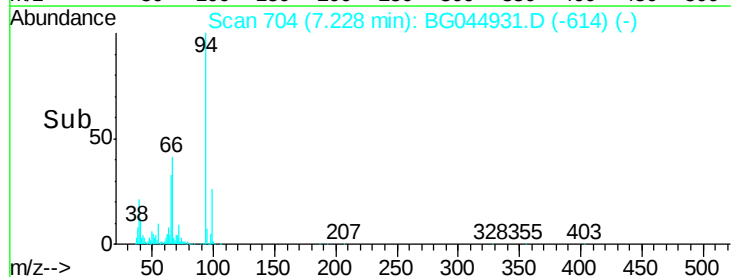
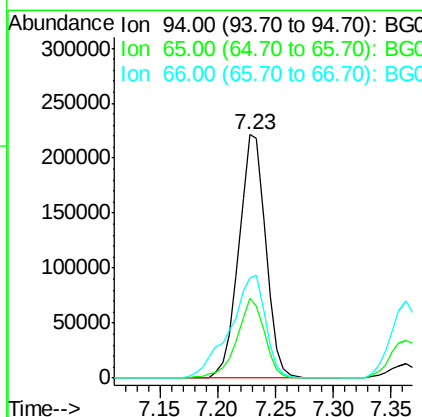
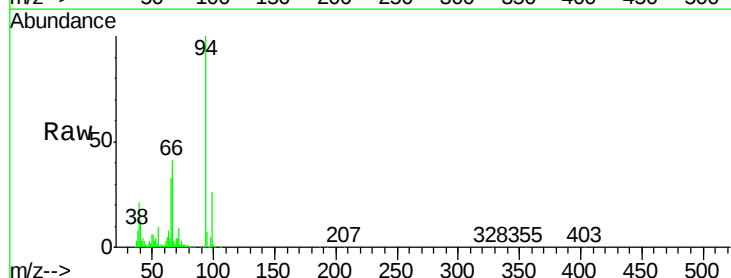
RT: 7.23 min Scan# 704

Delta R.T. -0.00 min

Lab File: BG044931.D

Acq: 24 Mar 2020 15:30

Tgt Ion:	94	Resp:	357255
Ion Ratio	Lower	Upper	
94	100		
65	32.9	11.0	51.0
66	41.4	20.1	60.1





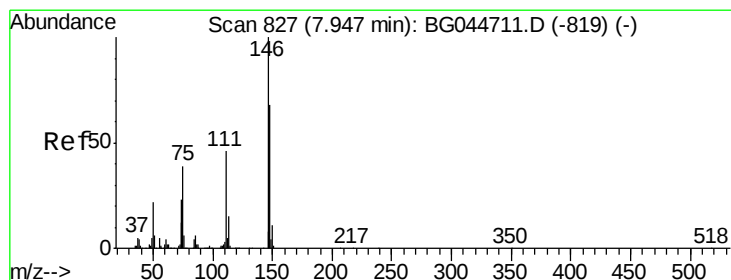
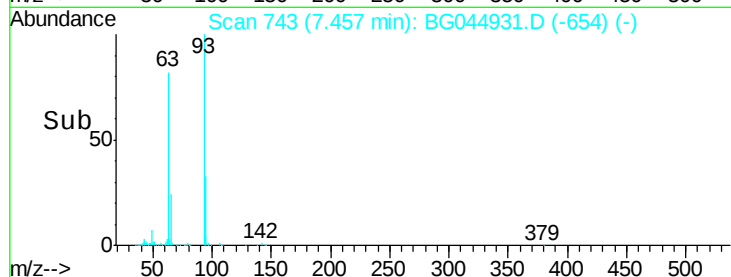
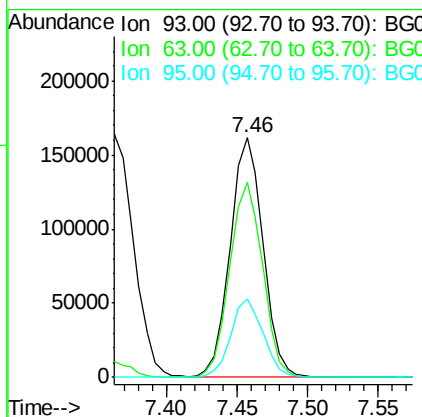
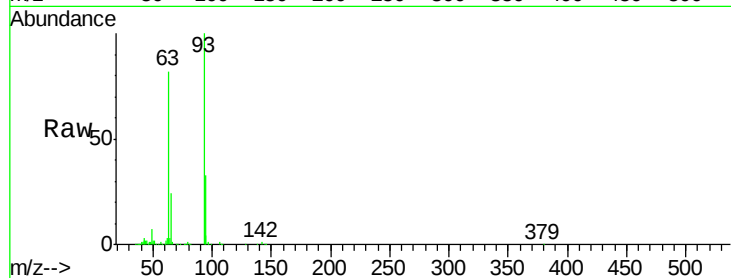
#11
bis(2-Chloroethyl)ether
Concen: 39.466 ng
RT: 7.46 min Scan# 743
Delta R.T. -0.01 min
Lab File: BG044931.D
Acq: 24 Mar 2020 15:30

Instrument :
BNA_G
ClientSampleId :
PB127768BSD

Tot Ion	Ratio	Resp Lower	Upper
93	100		
63	81.6	59.7	99.7
95	32.9	13.1	53.1

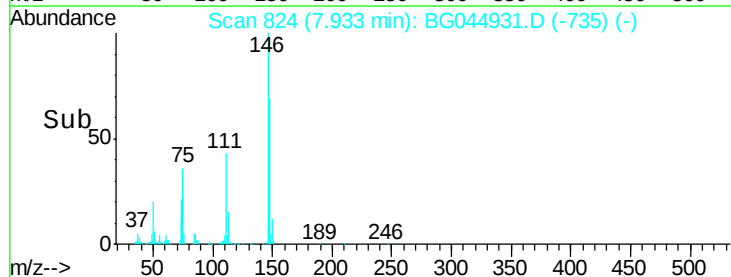
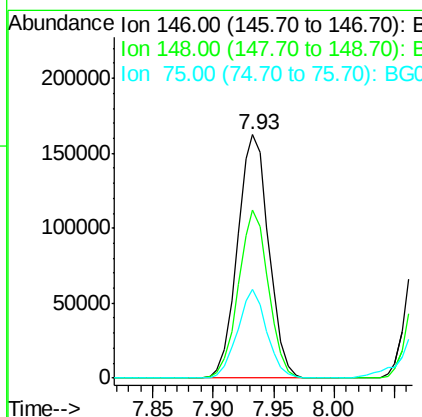
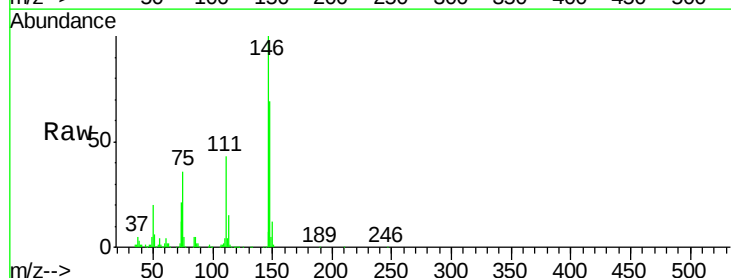
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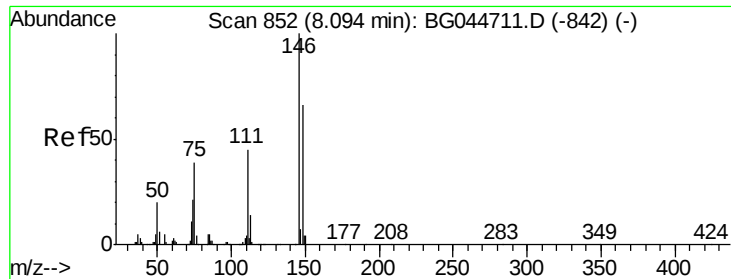
mohammad
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#12
1,3-Dichlorobenzene
Concen: 41.115 ng
RT: 7.93 min Scan# 824
Delta R.T. -0.01 min
Lab File: BG044931.D
Acq: 24 Mar 2020 15:30

Tgt Ion	Ratio	Resp Lower	Upper
146	100		
148	68.9	54.2	81.4
75	36.3	28.6	42.8





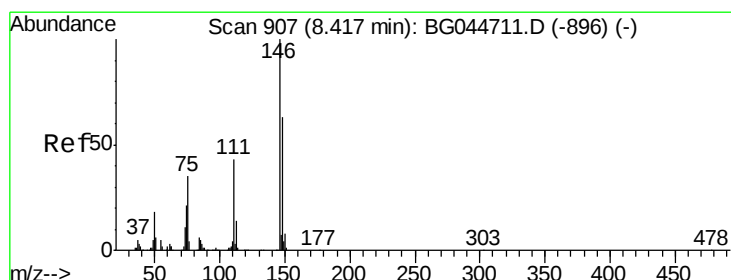
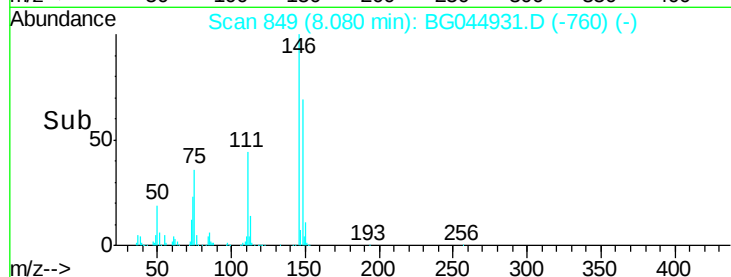
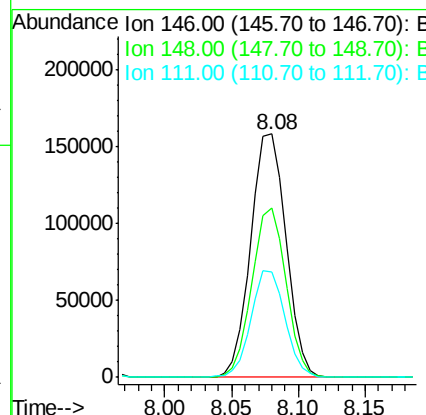
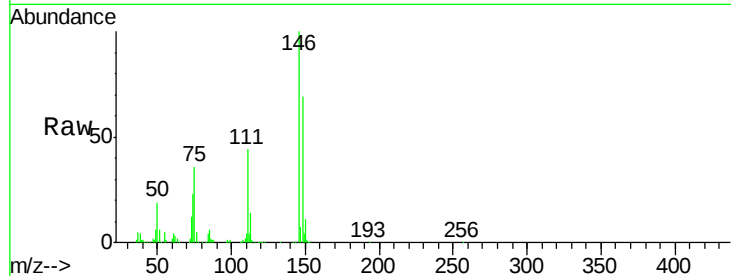
#13
 1,4-Dichlorobenzene
 Concen: 41.262 ng
 RT: 8.08 min Scan# 849
 Delta R.T. -0.01 min
 Lab File: BG044931.D
 Acq: 24 Mar 2020 15:30

Instrument :
 BNA_G
 ClientSampleId :
 PB127768BSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	69.4	53.8	80.6
111	43.5	32.0	48.0

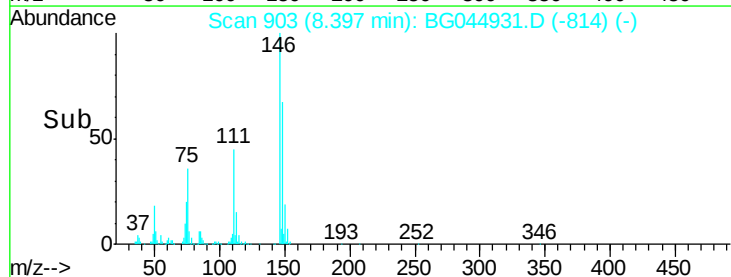
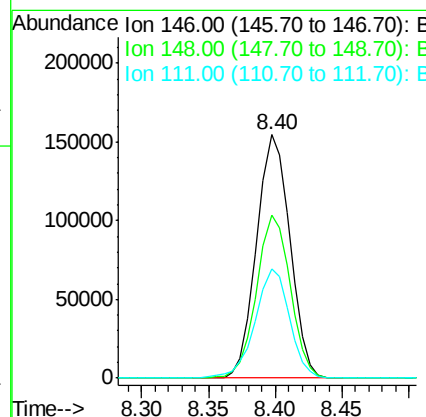
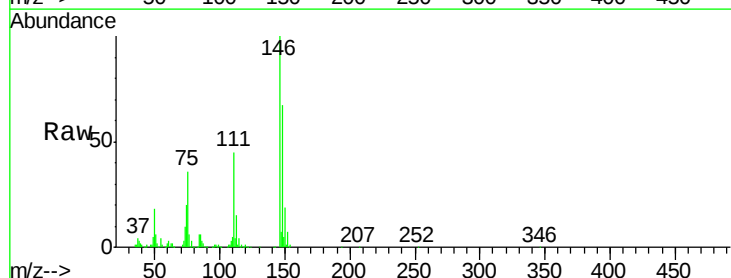
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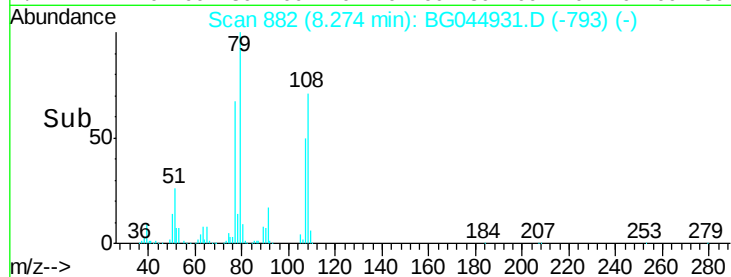
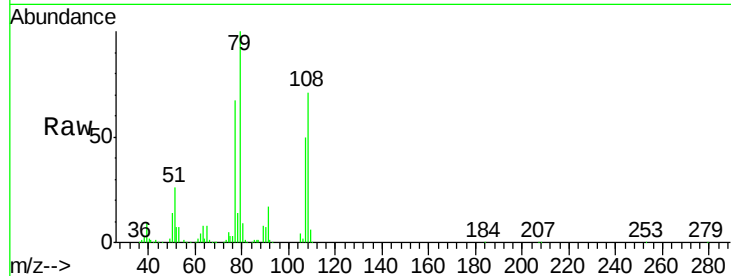
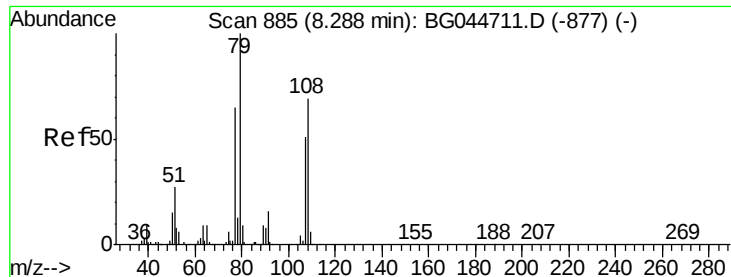
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#14
 1,2-Dichlorobenzene
 Concen: 40.290 ng
 RT: 8.40 min Scan# 903
 Delta R.T. -0.01 min
 Lab File: BG044931.D
 Acq: 24 Mar 2020 15:30

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.7	52.1	78.1
111	44.6	33.4	50.2





#15

Benzyl Alcohol

Concen: 38.887 ng

RT: 8.27 min Scan# 882

Delta R.T. -0.01 min

Lab File: BG044931.D

Acq: 24 Mar 2020 15:30

Tot Ion:	79	Resp:	261117
Ion Ratio	Lower	Upper	
79	100		
108	71.4	53.8	80.8
77	66.7	47.8	71.8

Instrument :

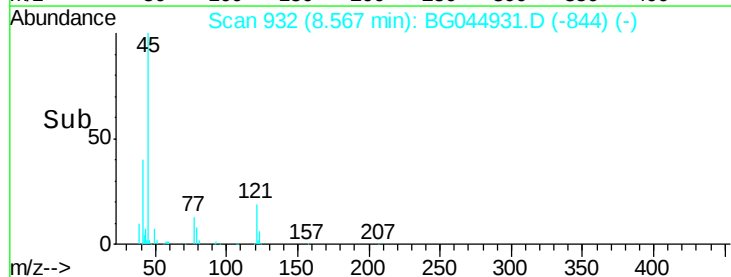
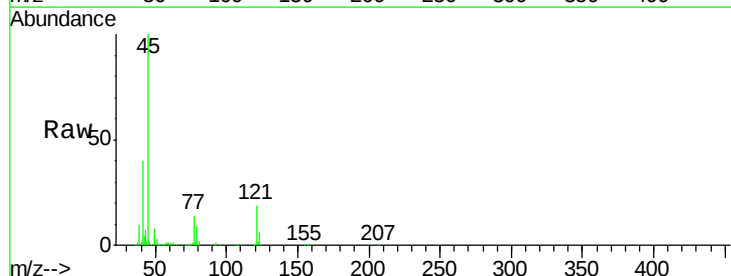
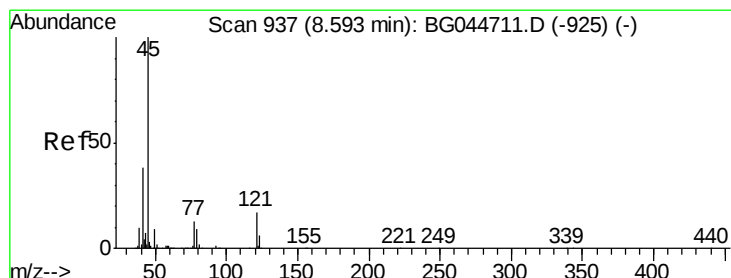
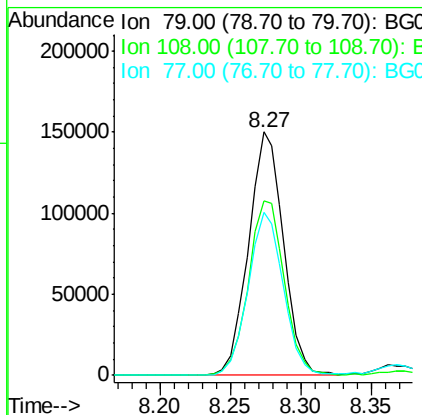
BNA_G

ClientSampleId :

PB127768BSD

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 32.450 ng

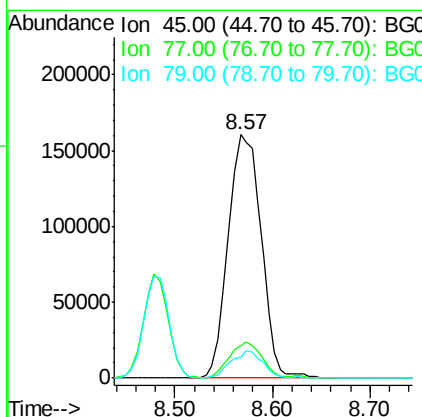
RT: 8.57 min Scan# 932

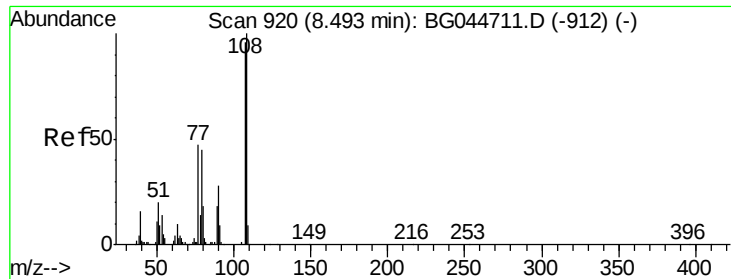
Delta R.T. -0.01 min

Lab File: BG044931.D

Acq: 24 Mar 2020 15:30

Tgt Ion:	45	Resp:	378668
Ion Ratio	Lower	Upper	
45	100		
77	13.5	0.0	33.9
79	8.8	0.0	30.8





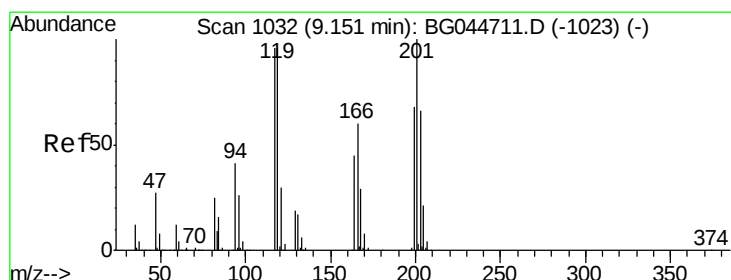
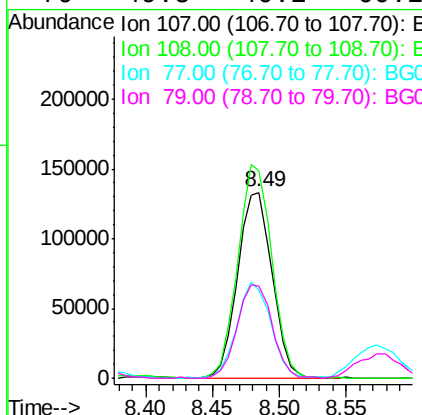
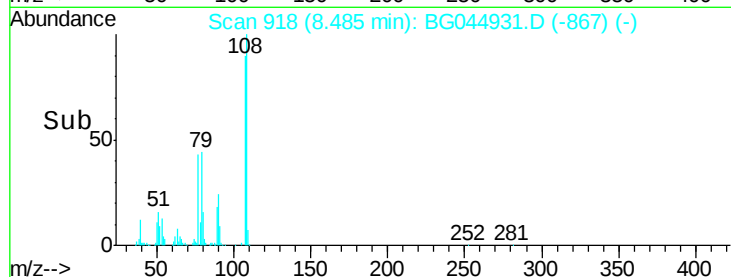
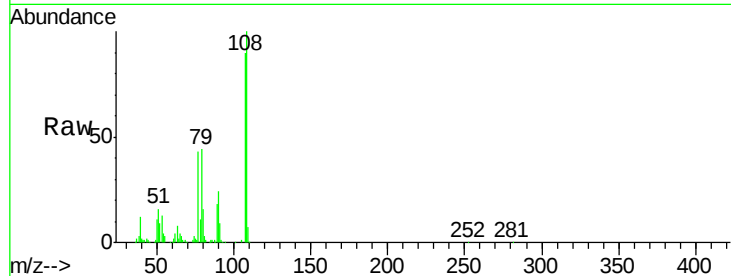
#17
2-Methylphenol
Concen: 42.454 ng
RT: 8.49 min Scan# 918
Delta R.T. -0.00 min
Lab File: BG044931.D
Acq: 24 Mar 2020 15:30

Instrument :
BNA_G
ClientSampleId :
PB127768BSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	111.5	91.8	137.8	
77	47.9	40.0	60.0	
79	49.5	40.2	60.2	

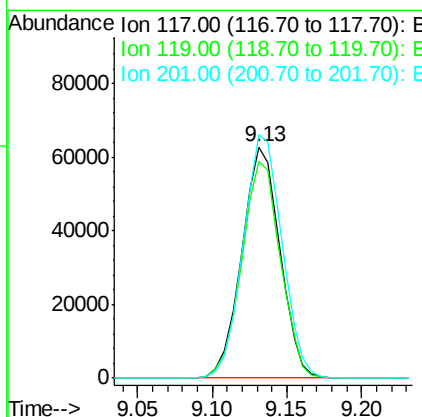
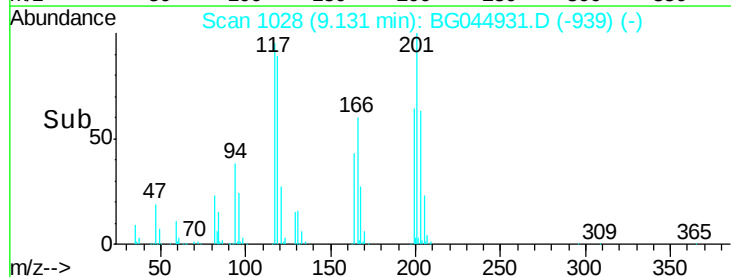
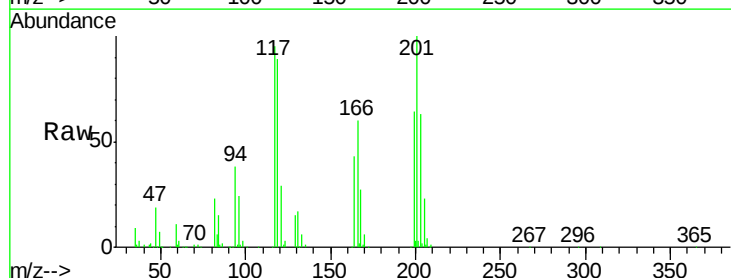
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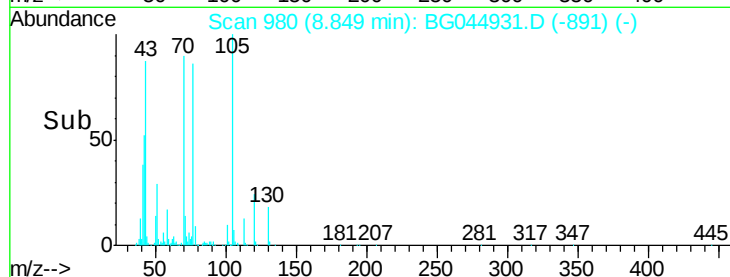
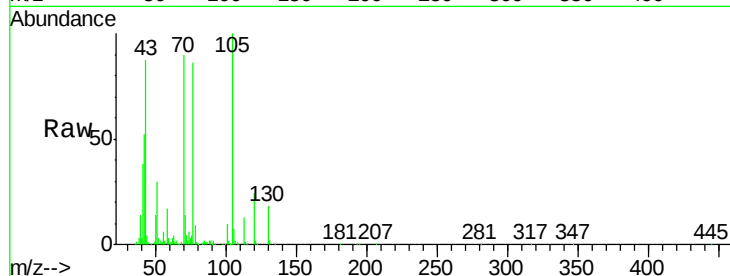
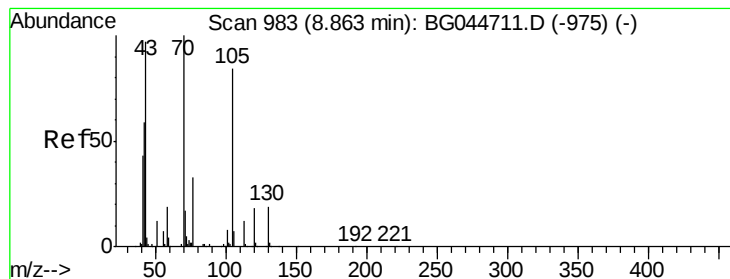
mohammad
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#18
Hexachloroethane
Concen: 40.173 ng
RT: 9.13 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BG044931.D
Acq: 24 Mar 2020 15:30

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	93.6	75.2	112.8	
201	105.3	81.1	121.7	





#19

n-Nitroso-di-n-propylamine

Concen: 36.079 ng

RT: 8.85 min Scan# 980

Delta R.T. -0.01 min

Lab File: BG044931.D

Acq: 24 Mar 2020 15:30

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		213204		
42	57.1	45.7	68.5		
101	10.8	7.4	11.2		
130	20.0	15.9	23.9		

Instrument :

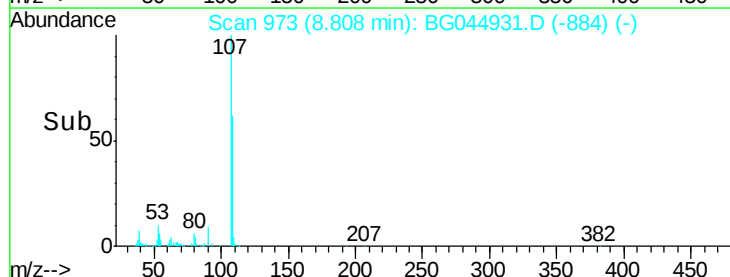
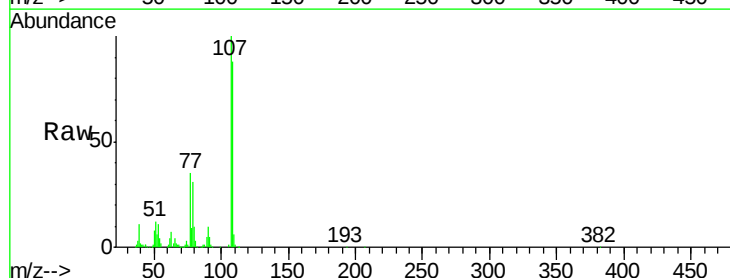
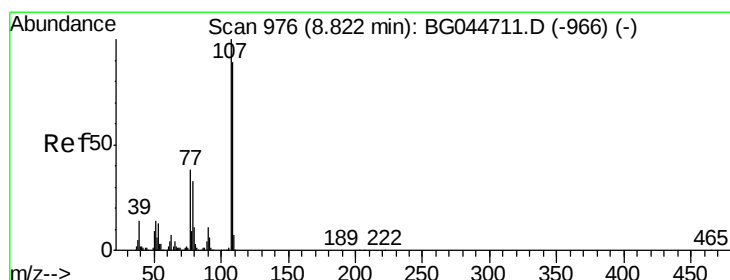
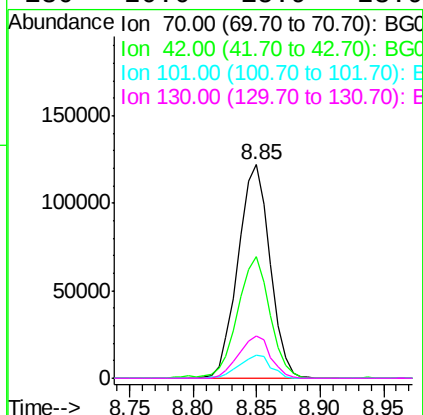
BNA_G

ClientSampleId :

PB127768BSD

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#20

3+4-Methylphenols

Concen: 42.409 ng

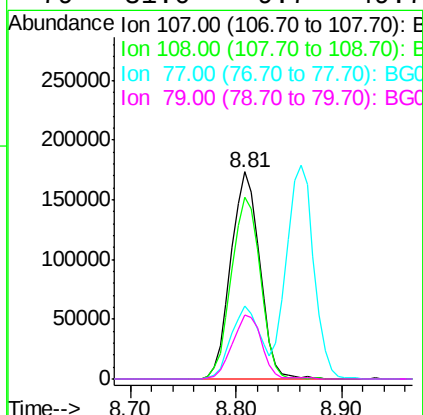
RT: 8.81 min Scan# 973

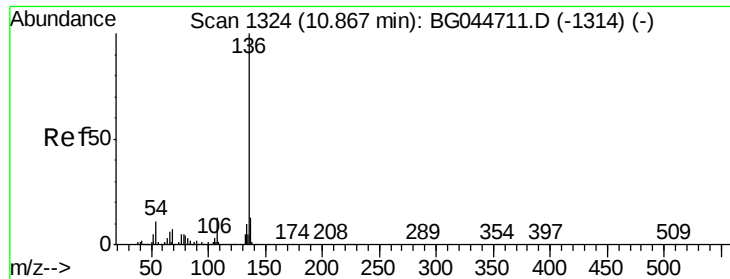
Delta R.T. -0.01 min

Lab File: BG044931.D

Acq: 24 Mar 2020 15:30

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		328102		
108	88.0	71.3	111.3		
77	35.4	16.9	56.9		
79	31.0	9.7	49.7		





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.85 min Scan# 1320

Delta R.T. -0.01 min

Lab File: BG044931.D

Acq: 24 Mar 2020 15:30

Instrument :

BNA_G

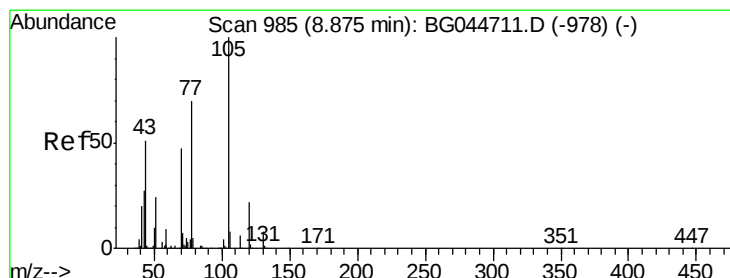
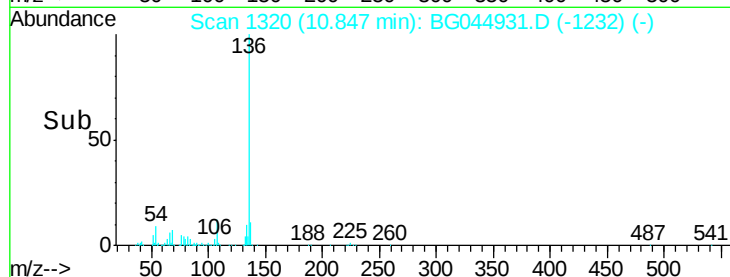
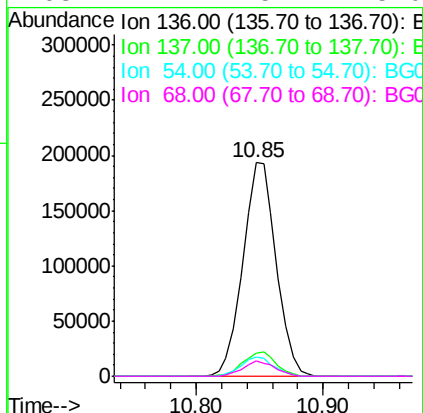
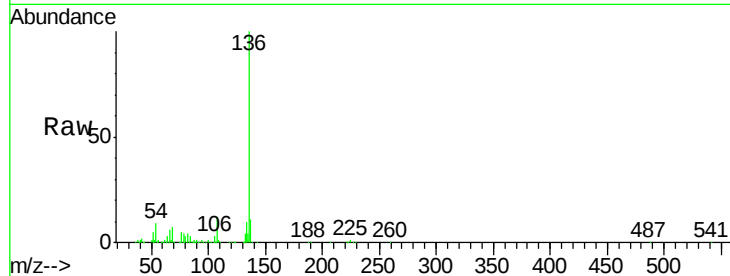
ClientSampleId :

PB127768BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		350609		
137	11.0		9.8	14.6	
54	8.9		7.9	11.9	
68	7.1		5.4	8.0	

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#22

Acetophenone

Concen: 40.167 ng

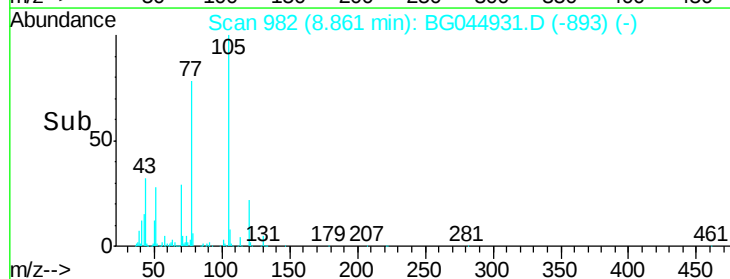
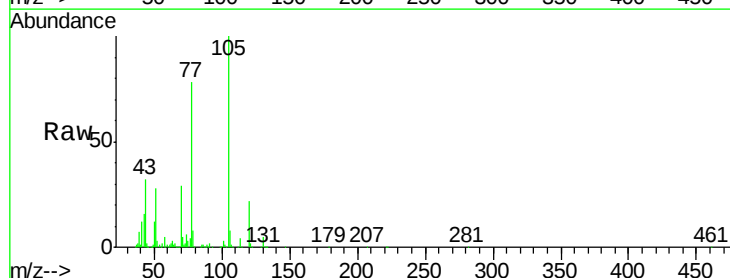
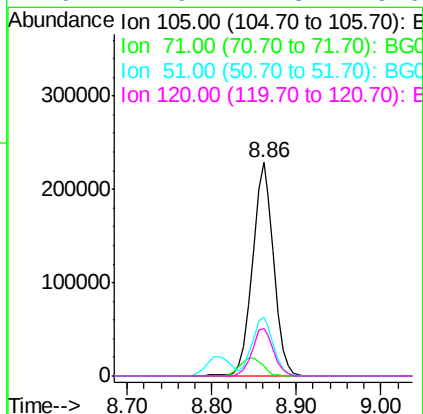
RT: 8.86 min Scan# 982

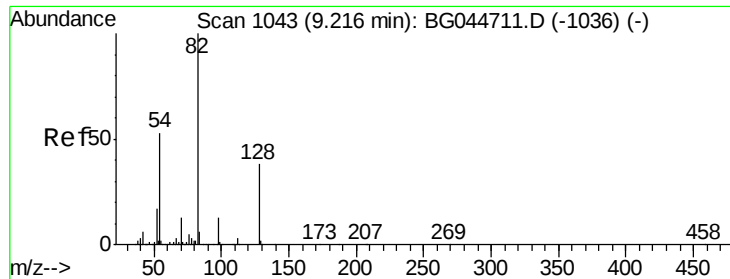
Delta R.T. -0.01 min

Lab File: BG044931.D

Acq: 24 Mar 2020 15:30

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		398971		
71	4.5		3.9	5.9	
51	27.9		22.6	33.8	
120	21.9		17.3	25.9	





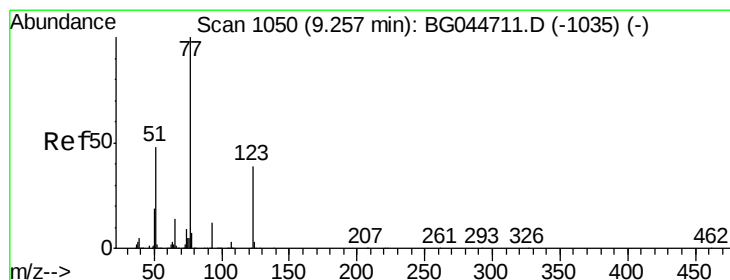
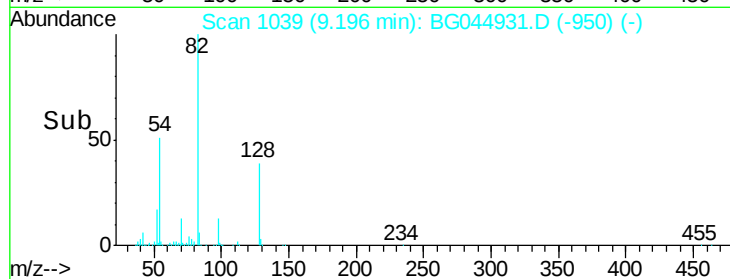
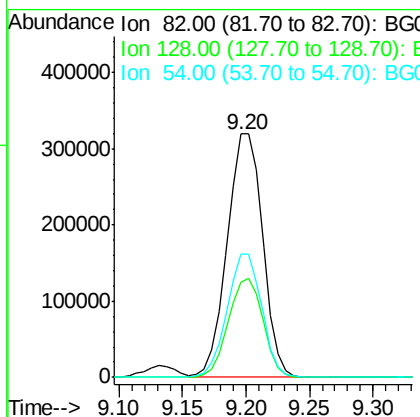
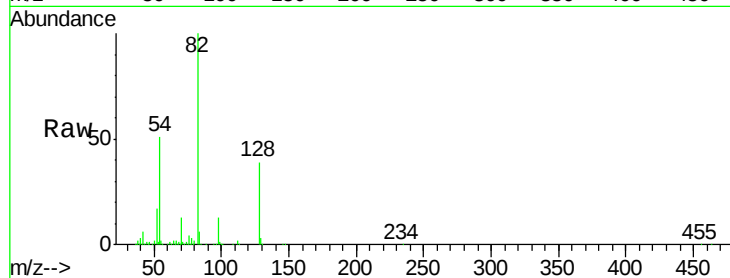
#23
Nitrobenzene-d5
Concen: 77.324 ng
RT: 9.20 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BG044931.D
Acq: 24 Mar 2020 15:30

Instrument :
BNA_G
ClientSampleId :
PB127768BSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	39.1	30.6	46.0	
54	50.8	37.1	55.7	

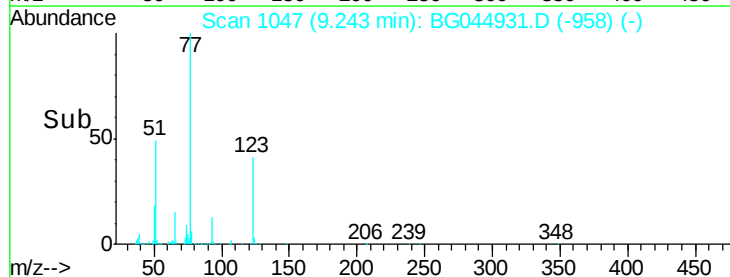
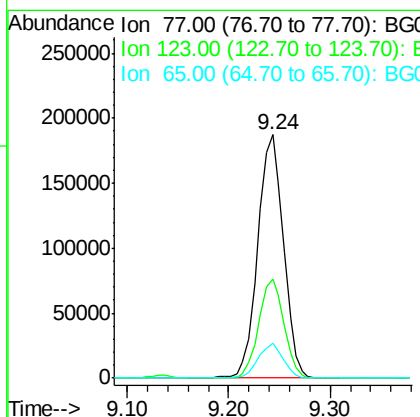
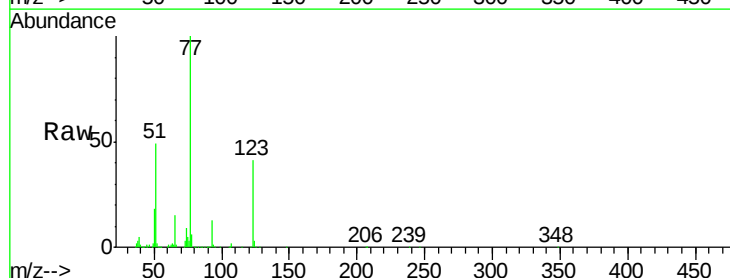
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#24
Nitrobenzene
Concen: 39.815 ng
RT: 9.24 min Scan# 1047
Delta R.T. -0.01 min
Lab File: BG044931.D
Acq: 24 Mar 2020 15:30

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	40.6	31.3	46.9	
65	14.6	11.4	17.0	





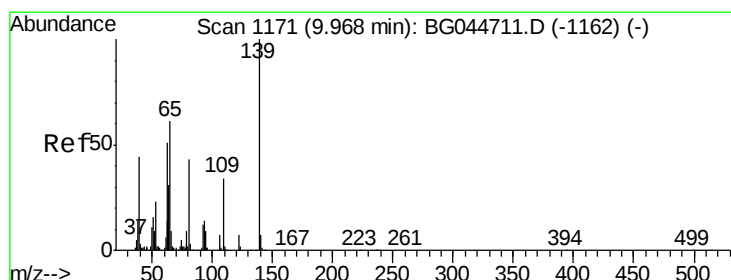
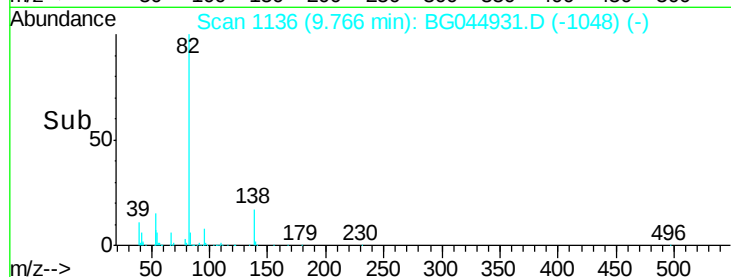
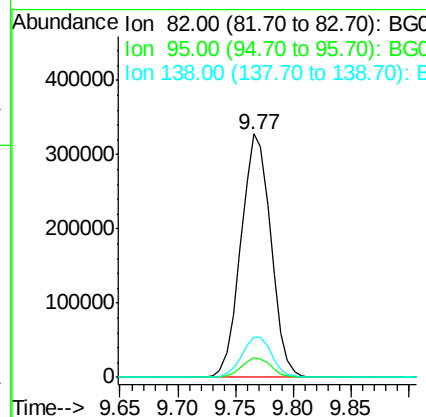
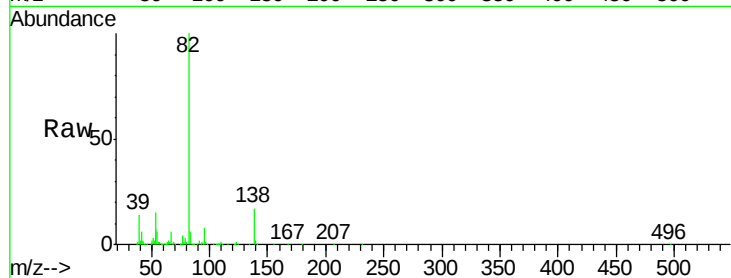
#25
Isophorone
Concen: 37.809 ng
RT: 9.77 min Scan# 1136
Delta R.T. -0.01 min
Lab File: BG044931.D
Acq: 24 Mar 2020 15:30

Instrument :
BNA_G
ClientSampleId :
PB127768BSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
95	7.9		5.5	8.3
138	16.6		12.5	18.7

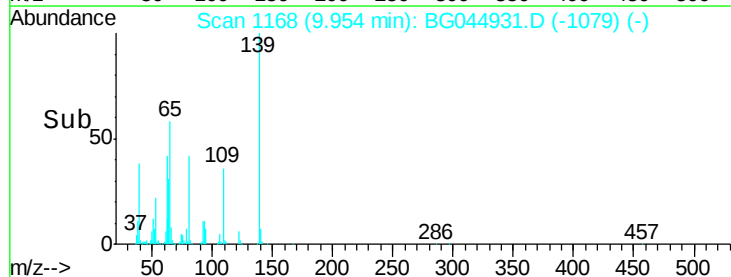
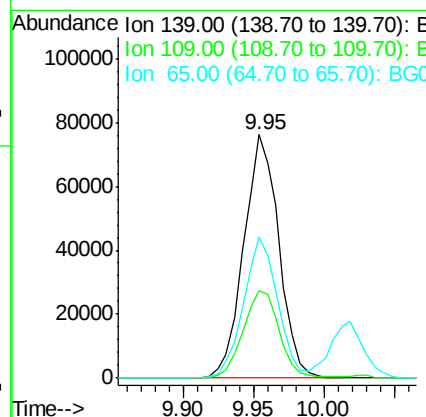
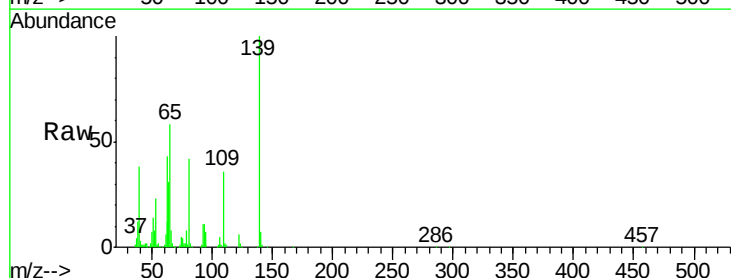
Manual Integrations
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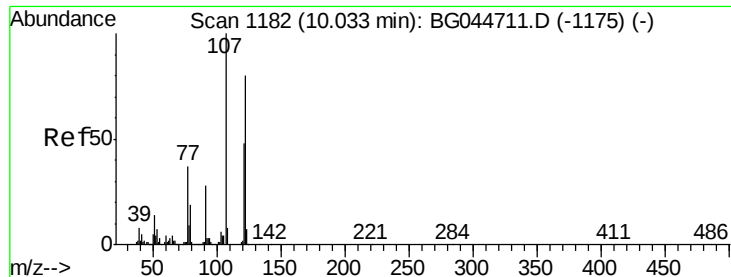
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#26
2-Nitrophenol
Concen: 46.077 ng
RT: 9.95 min Scan# 1168
Delta R.T. -0.01 min
Lab File: BG044931.D
Acq: 24 Mar 2020 15:30

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	35.7		30.2	45.4
65	57.9		46.3	69.5





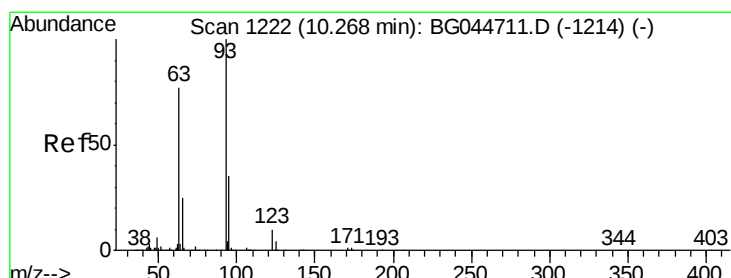
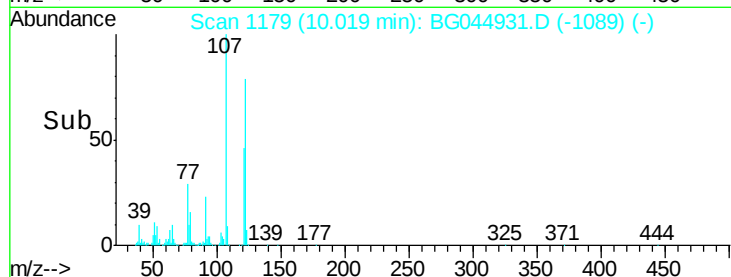
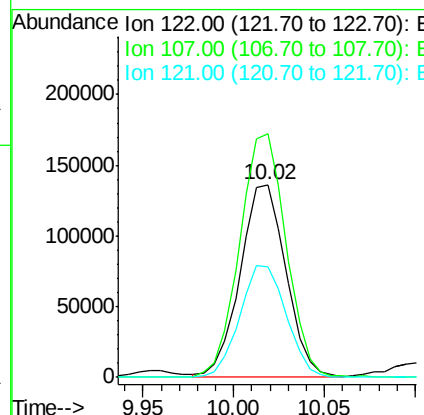
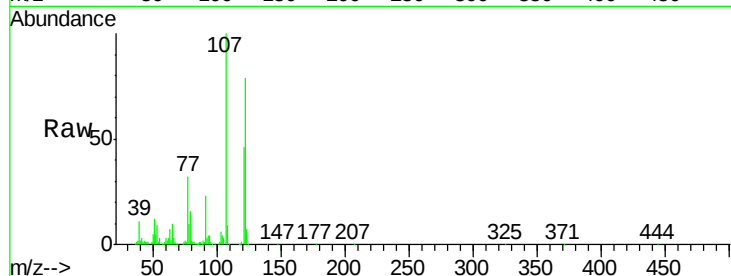
#27
2,4-Dimethylphenol
Concen: 46.659 ng
RT: 10.02 min Scan# 1179
Delta R.T. -0.00 min
Lab File: BG044931.D
Acq: 24 Mar 2020 15:30

Instrument :
BNA_G
ClientSampleId :
PB127768BSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	126.3	107.1	160.7
121	57.5	46.8	70.2

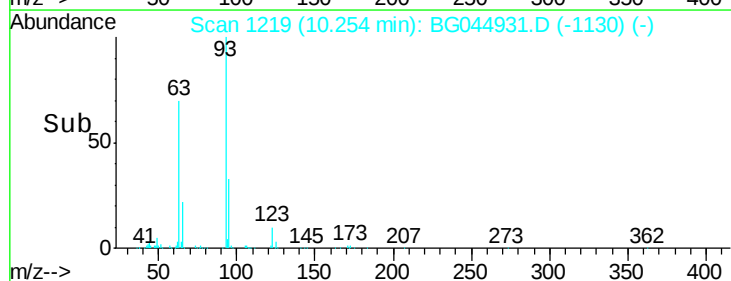
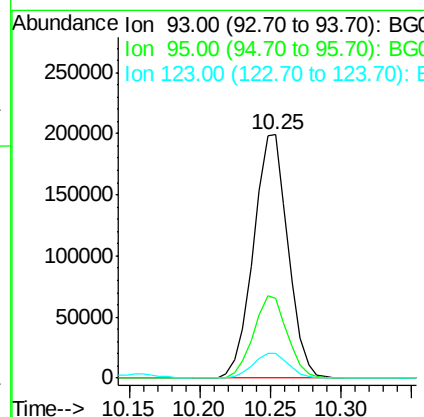
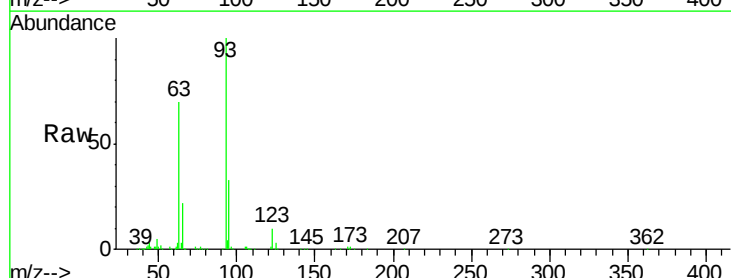
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#28
bis(2-Chloroethoxy)methane
Concen: 36.747 ng
RT: 10.25 min Scan# 1219
Delta R.T. -0.01 min
Lab File: BG044931.D
Acq: 24 Mar 2020 15:30

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.9	26.4	39.6
123	10.1	8.4	12.6





#29

2,4-Dichlorophenol

Concen: 44.364 ng

RT: 10.49 min Scan# 1260

Delta R.T. -0.01 min

Lab File: BG044931.D

Acq: 24 Mar 2020 15:30

Instrument :

BNA_G

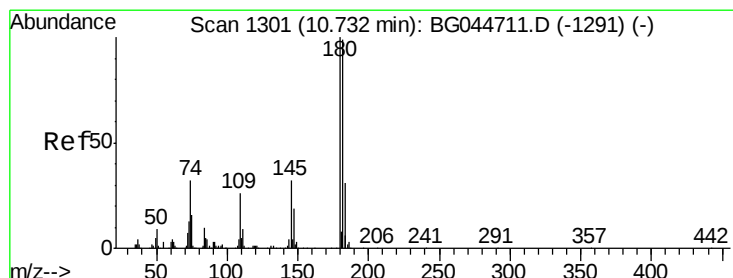
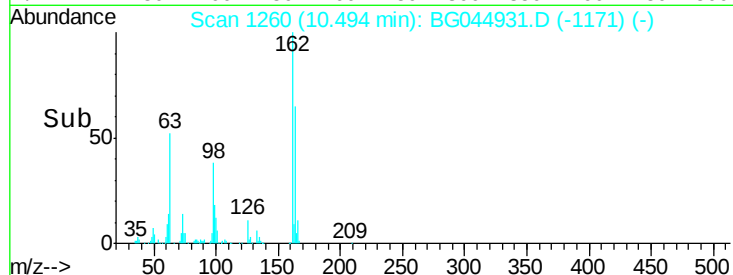
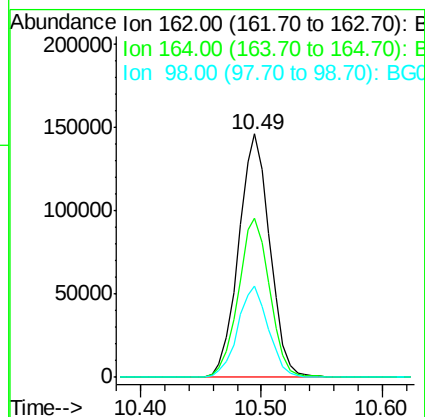
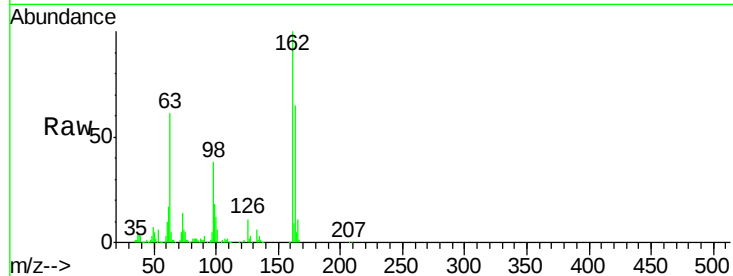
ClientSampleId :

PB127768BSD

Tot Ion:	162	Resp:	263141
Ion Ratio	Lower	Upper	
162	100		
164	65.1	45.2	85.2
98	37.6	19.0	59.0

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#30

1,2,4-Trichlorobenzene

Concen: 40.243 ng

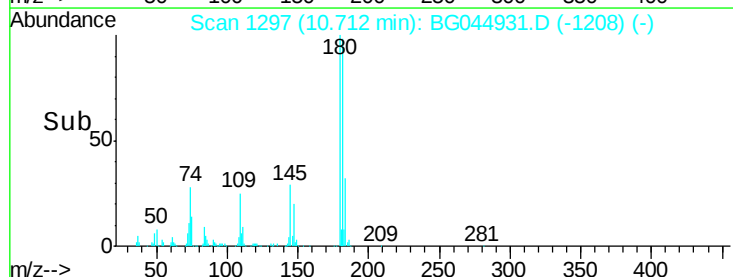
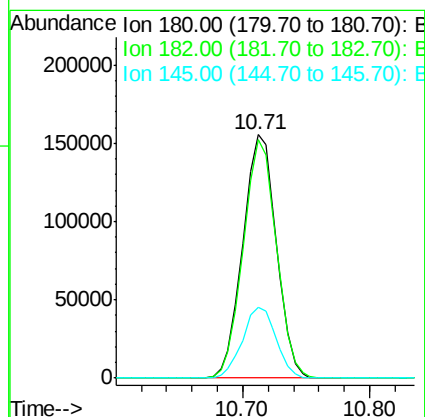
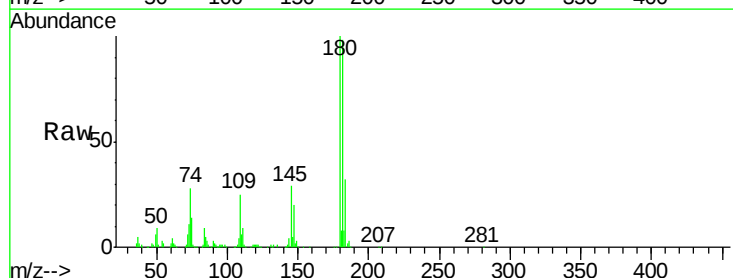
RT: 10.71 min Scan# 1297

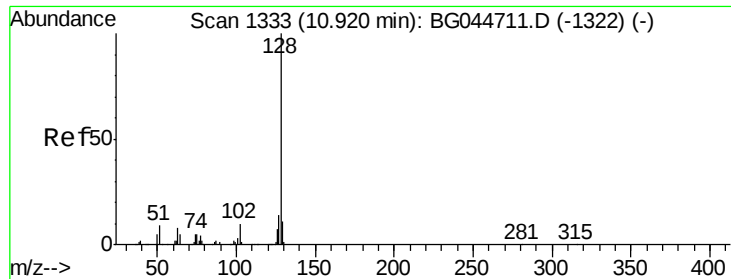
Delta R.T. -0.01 min

Lab File: BG044931.D

Acq: 24 Mar 2020 15:30

Tgt Ion:	180	Resp:	285417
Ion Ratio	Lower	Upper	
180	100		
182	98.1	71.6	107.4
145	28.8	23.4	35.0





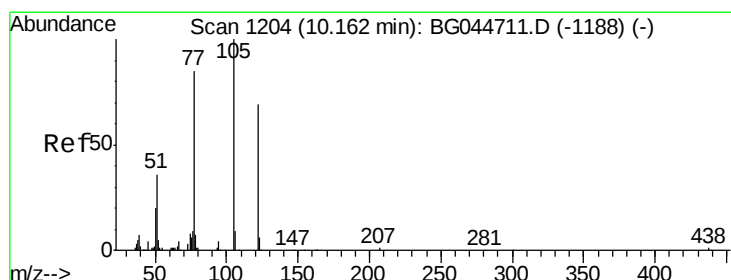
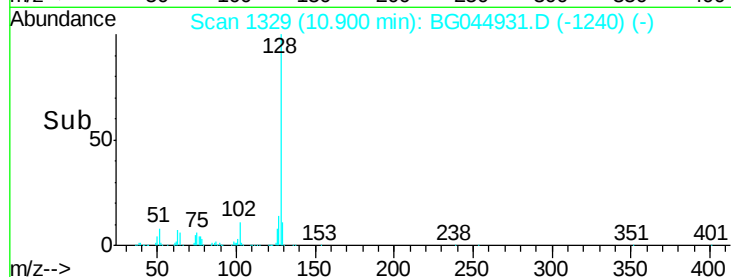
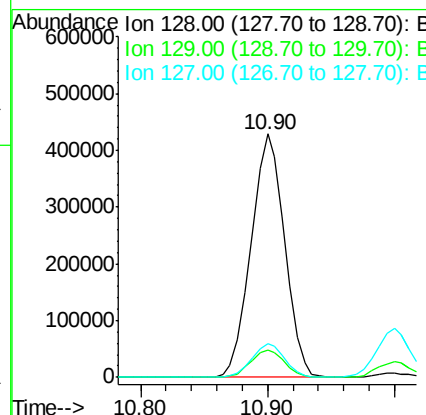
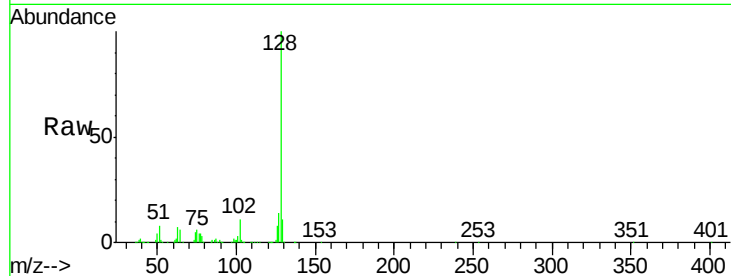
#31
Naphthalene
Concen: 40.623 ng
RT: 10.90 min Scan# 1329
Delta R.T. -0.01 min
Lab File: BG044931.D
Acq: 24 Mar 2020 15:30

Instrument :
BNA_G
ClientSampleId :
PB127768BSD

Tot Ion	Ratio	Resp	Lower	Upper
128	100			
129	11.3	9.0	13.4	
127	14.0	10.8	16.2	

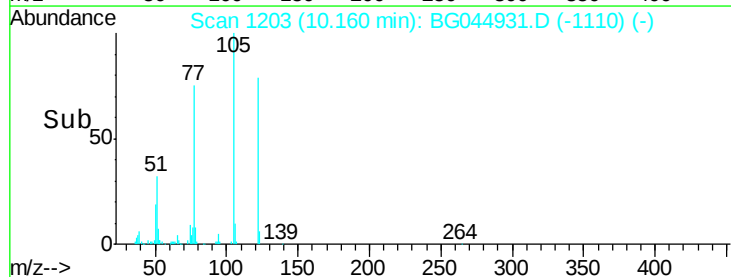
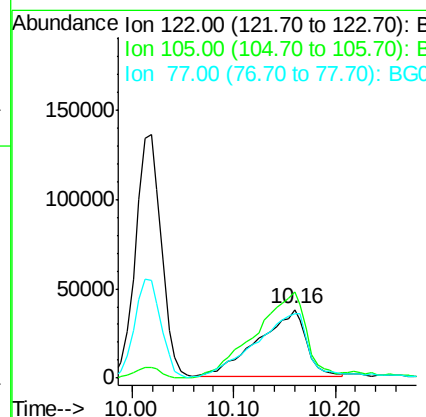
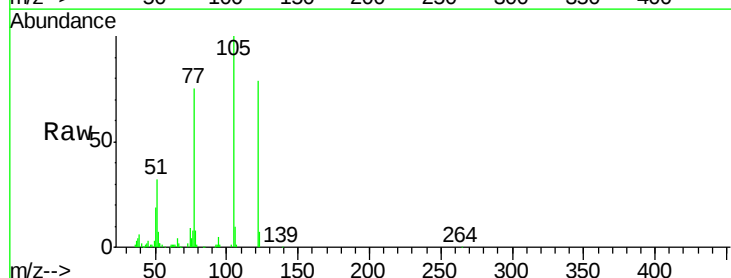
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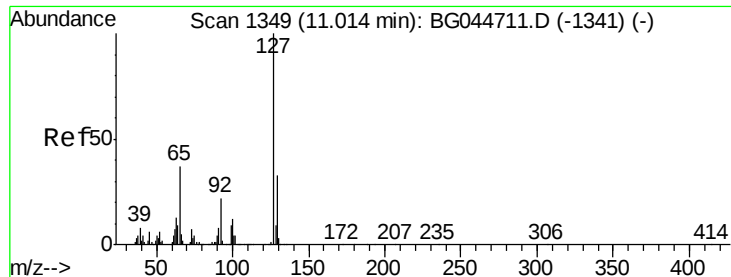
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#32
Benzoic acid
Concen: 35.010 ng
RT: 10.16 min Scan# 1203
Delta R.T. 0.02 min
Lab File: BG044931.D
Acq: 24 Mar 2020 15:30

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	126.0	109.1	149.1	
77	94.4	85.3	125.3	





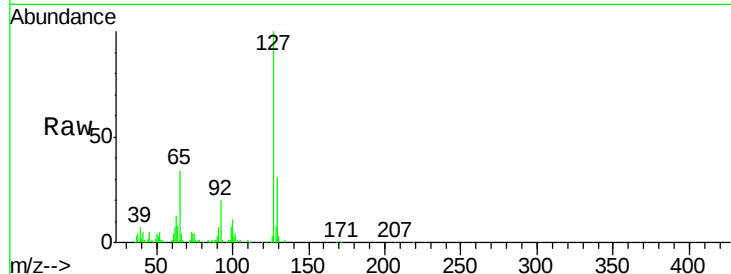
#33
4-Chloroaniline
Concen: 18.194 ng
RT: 11.00 min Scan# 1346
Delta R.T. -0.01 min
Lab File: BG044931.D
Acq: 24 Mar 2020 15:30

Instrument :
BNA_G
ClientSampleId :
PB127768BSD

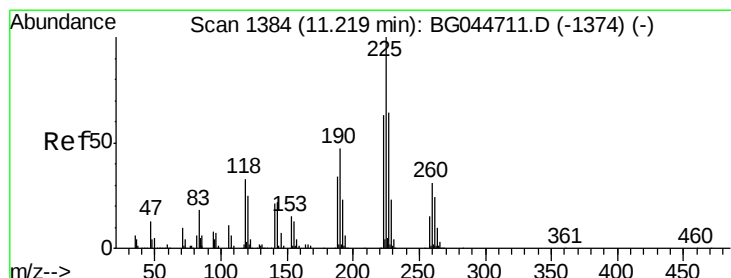
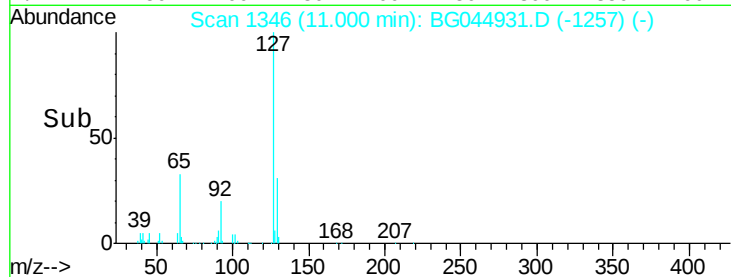
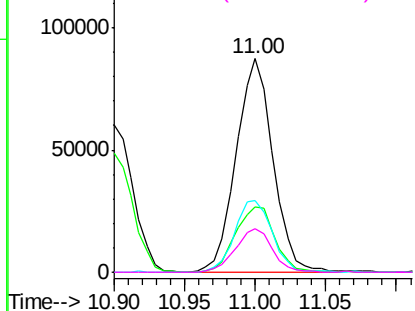
Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	30.8	26.9	40.3	
65	33.6	27.7	41.5	
92	20.3	17.4	26.2	

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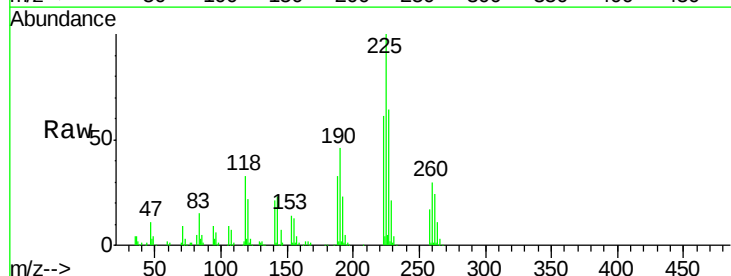


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

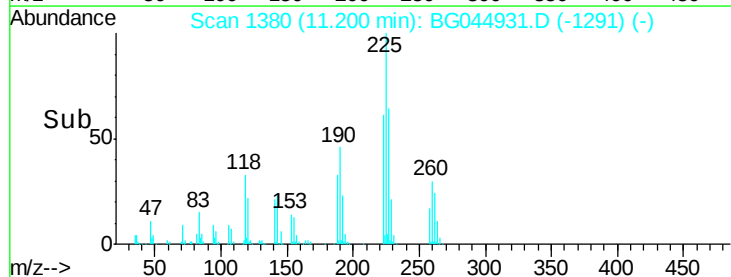
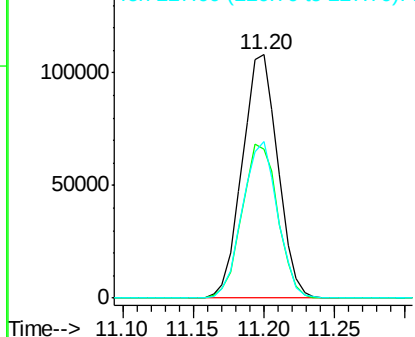


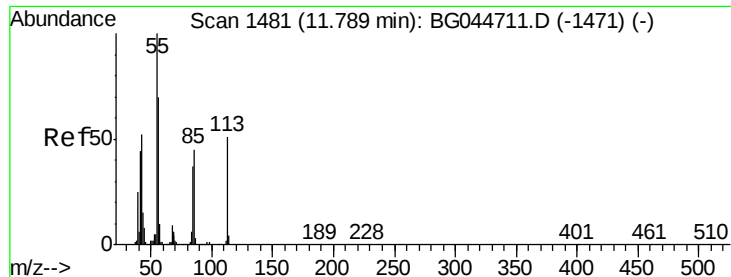
#34
Hexachlorobutadiene
Concen: 40.954 ng
RT: 11.20 min Scan# 1380
Delta R.T. -0.01 min
Lab File: BG044931.D
Acq: 24 Mar 2020 15:30

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	61.2	47.4	71.0	
227	64.1	50.8	76.2	



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





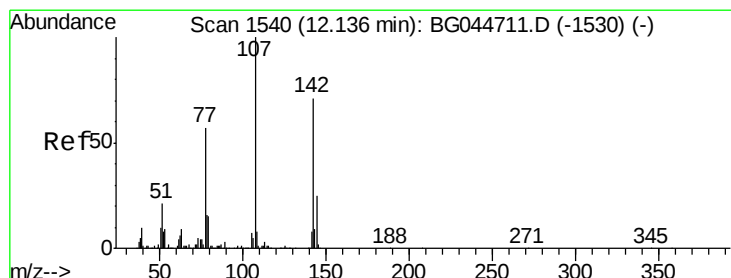
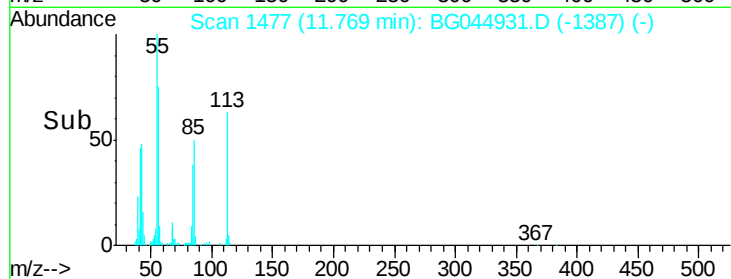
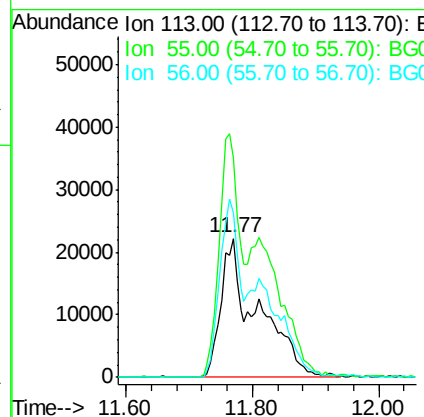
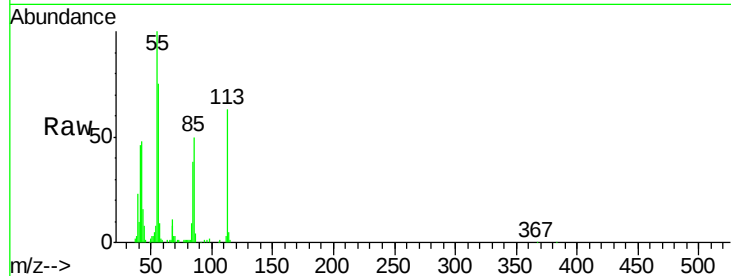
#35
 Caprolactam
 Concen: 39.455 ng/ml
 RT: 11.77 min Scan# 1477
 Delta R.T. -0.00 min
 Lab File: BG044931.D
 Acq: 24 Mar 2020 15:30

Instrument :
 BNA_G
 ClientSampleId :
 PB127768BSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	157.7	173.8	213.8#
56	117.6	113.8	153.8

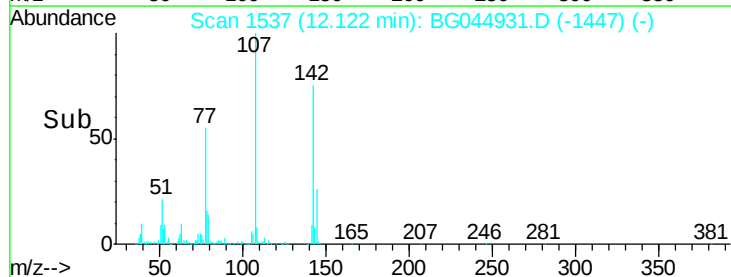
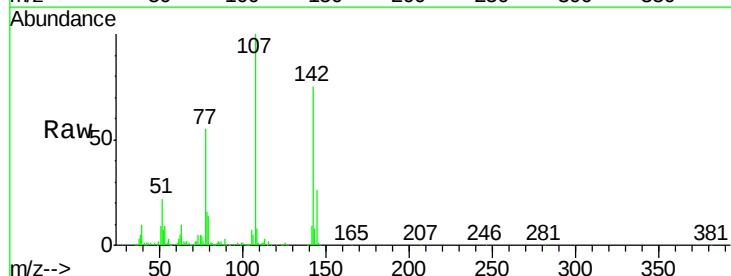
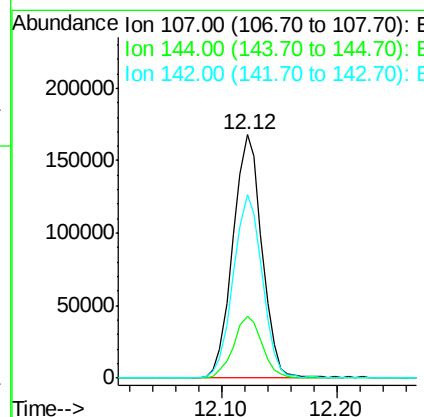
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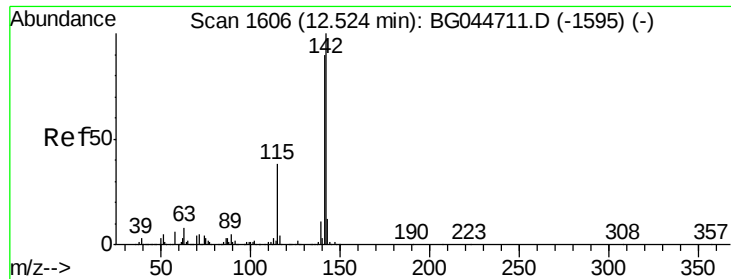
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#36
 4-Chloro-3-methylphenol
 Concen: 41.428 ng/ml
 RT: 12.12 min Scan# 1537
 Delta R.T. -0.00 min
 Lab File: BG044931.D
 Acq: 24 Mar 2020 15:30

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.6	18.0	27.0
142	75.2	59.0	88.4





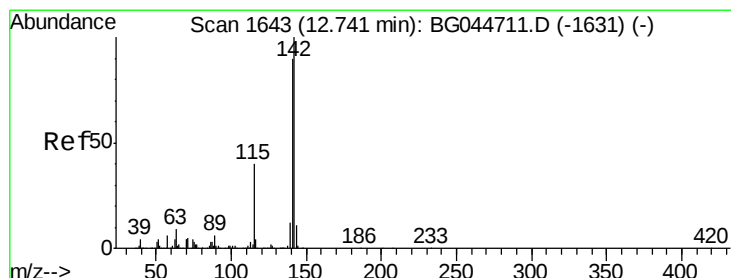
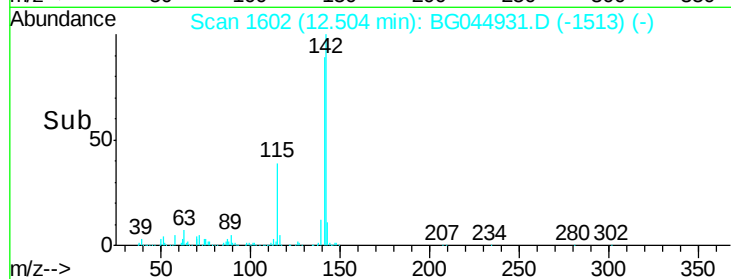
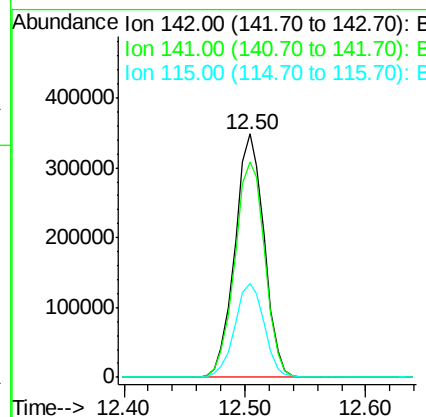
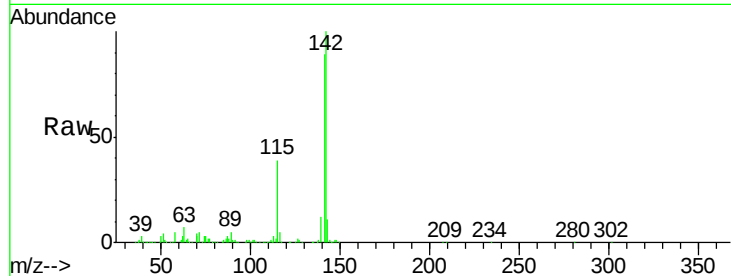
#37
2-Methylnaphthalene
Concen: 40.387 ng
RT: 12.50 min Scan# 1602
Delta R.T. -0.01 min
Lab File: BG044931.D
Acq: 24 Mar 2020 15:30

Instrument :
BNA_G
ClientSampleId :
PB127768BSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.5	75.1	112.7
115	38.7	30.6	46.0

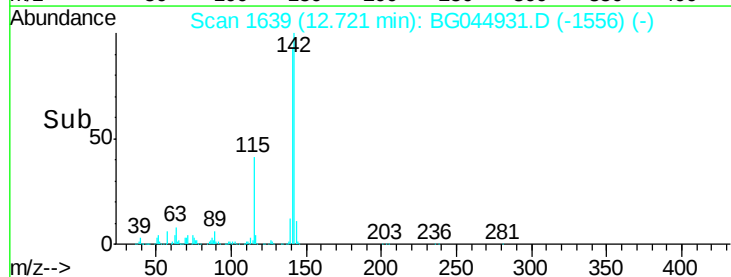
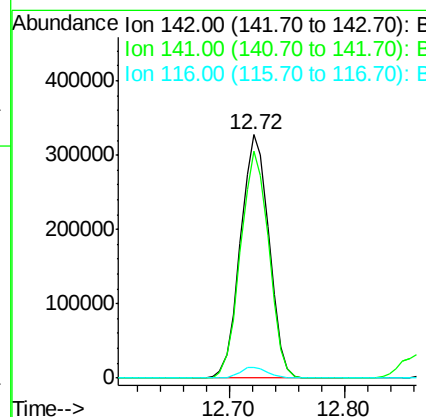
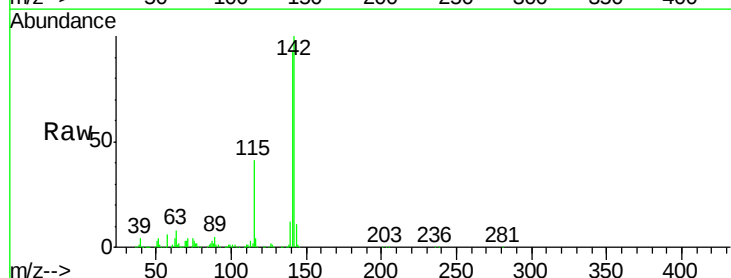
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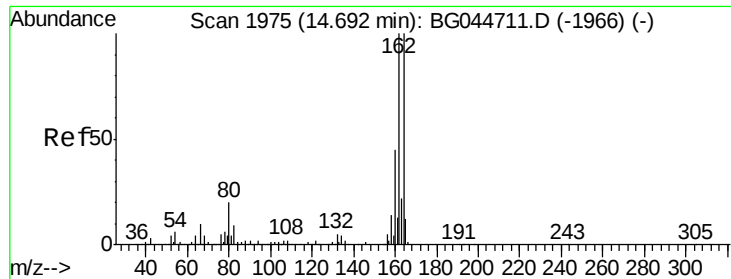
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#38
1-Methylnaphthalene
Concen: 40.928 ng
RT: 12.72 min Scan# 1639
Delta R.T. -0.01 min
Lab File: BG044931.D
Acq: 24 Mar 2020 15:30

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.0	74.7	112.1
116	4.3	3.3	4.9





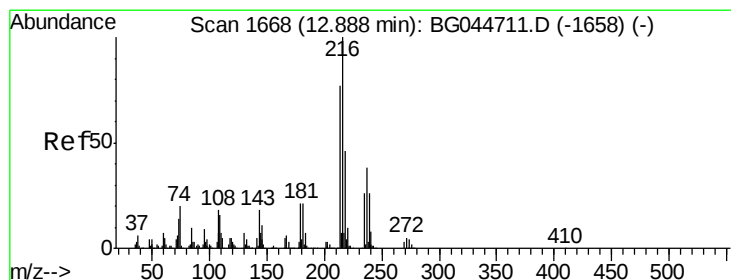
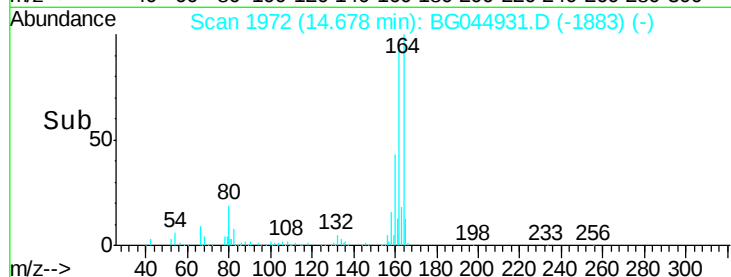
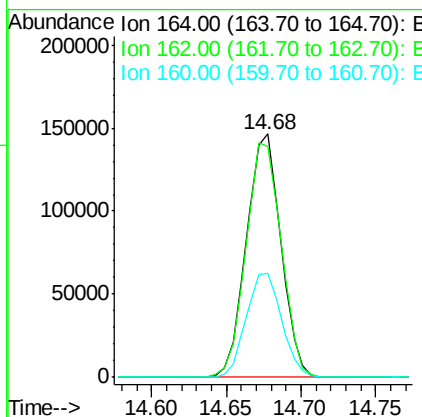
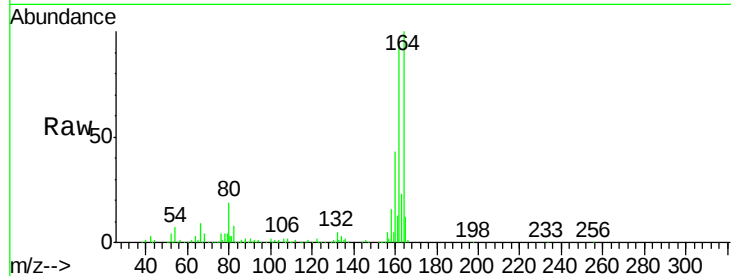
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1972
Delta R.T. -0.01 min
Lab File: BG044931.D
Acq: 24 Mar 2020 15:30

Instrument :
BNA_G
ClientSampleId :
PB127768BSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	94.9	76.7	115.1
160	42.6	35.0	52.4

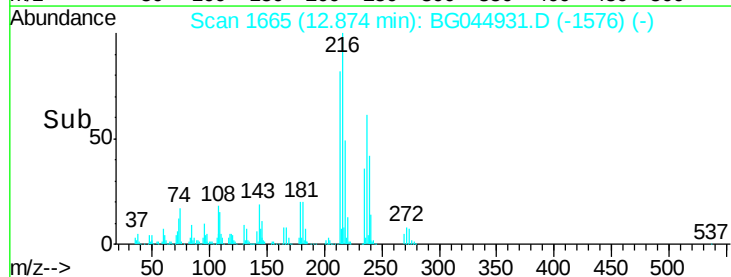
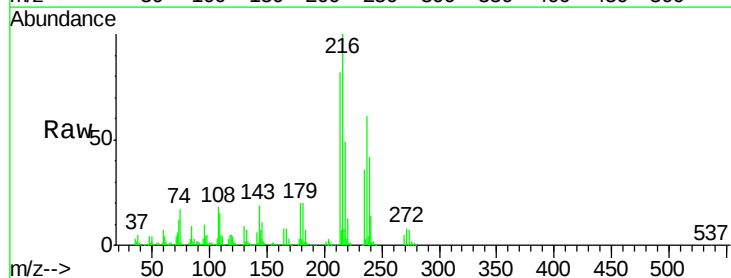
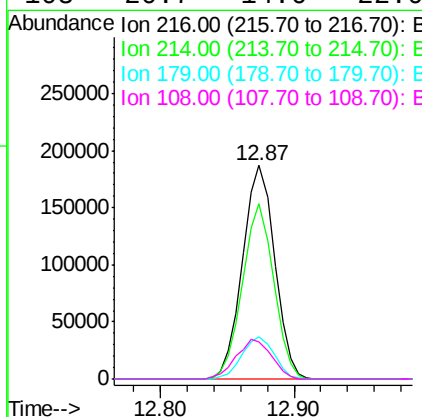
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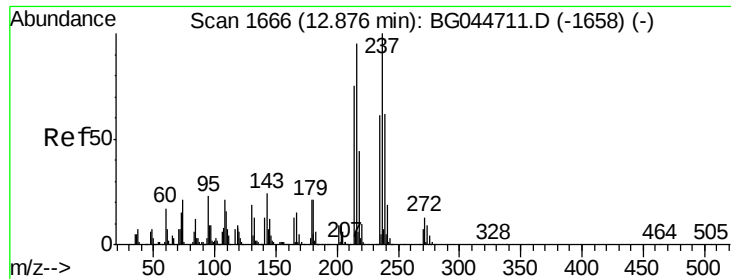
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.531 ng
RT: 12.87 min Scan# 1665
Delta R.T. -0.01 min
Lab File: BG044931.D
Acq: 24 Mar 2020 15:30

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.6	63.8	95.6
179	19.9	16.2	24.2
108	20.7	14.6	22.0





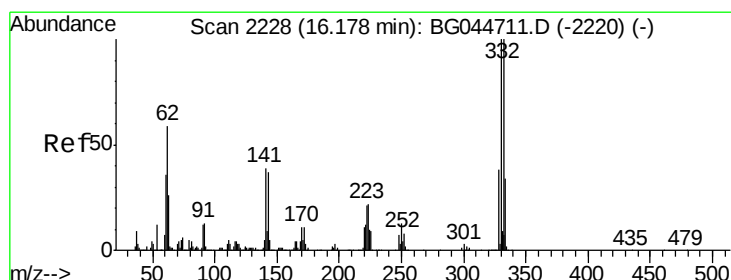
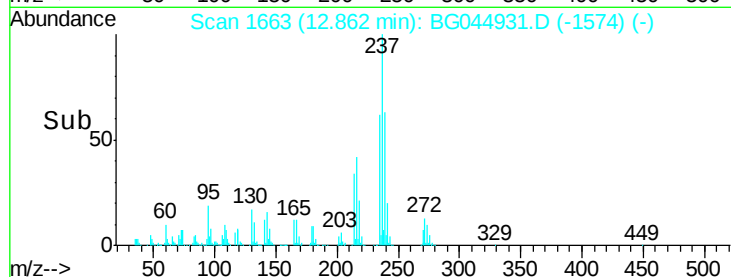
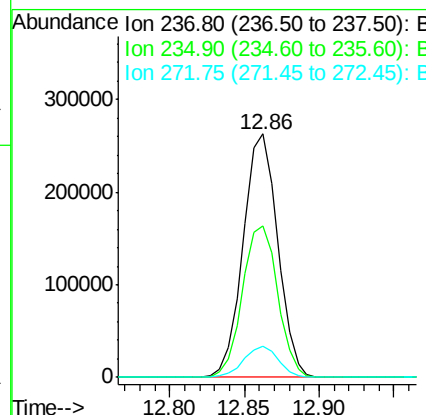
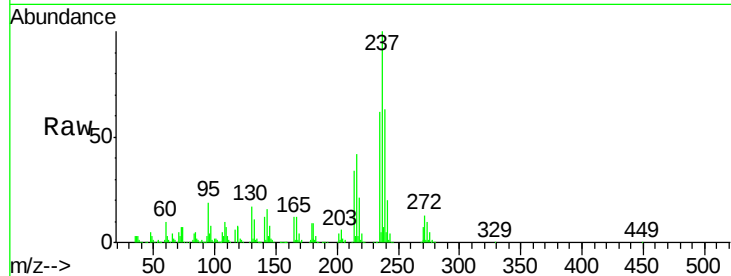
#41
Hexachlorocyclopentadiene
Concen: 100.525 ng
RT: 12.86 min Scan# 1663
Delta R.T. -0.01 min
Lab File: BG044931.D
Acq: 24 Mar 2020 15:30

Instrument :
BNA_G
ClientSampleId :
PB127768BSD

Tot Ion	Ratio	Resp	Lower	Upper
237	100	421333		
235	62.0		42.9	82.9
272	12.7		0.0	31.6

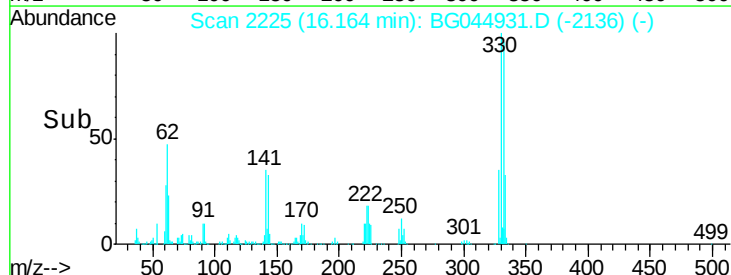
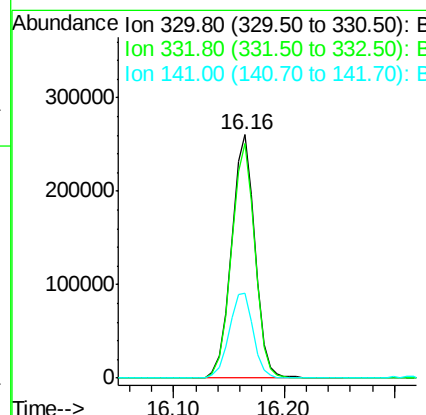
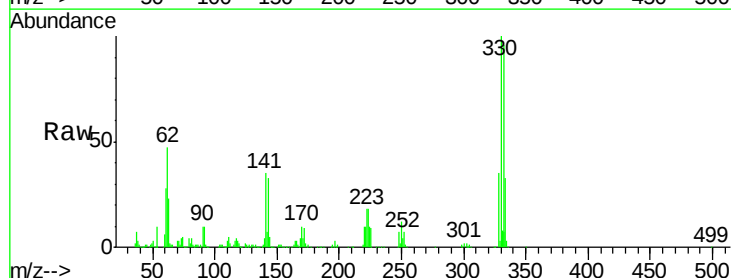
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#42
2,4,6-Tribromophenol
Concen: 127.152 ng
RT: 16.16 min Scan# 2225
Delta R.T. -0.01 min
Lab File: BG044931.D
Acq: 24 Mar 2020 15:30

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	387705		
332	95.9		77.8	116.6
141	36.0		29.5	44.3





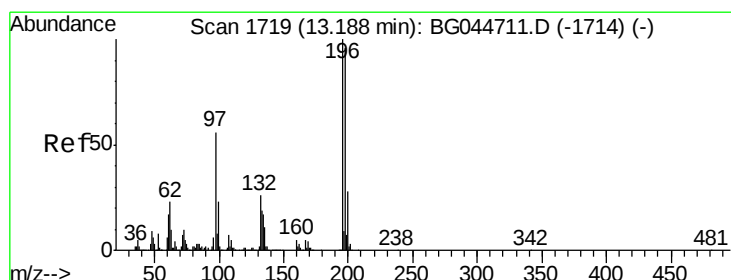
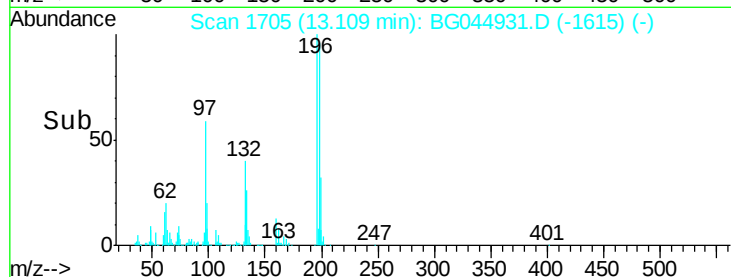
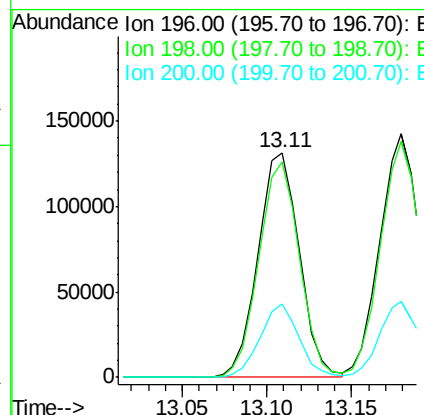
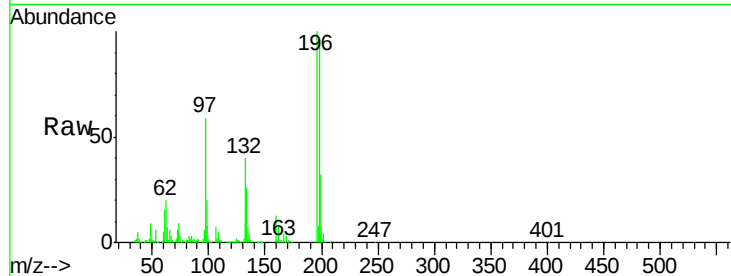
#43
 2,4,6-Trichlorophenol
 Concen: 43.930 ng
 RT: 13.11 min Scan# 1705
 Delta R.T. -0.00 min
 Lab File: BG044931.D
 Acq: 24 Mar 2020 15:30

Instrument :
 BNA_G
 ClientSampleId :
 PB127768BSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	223590		
198	95.9	74.9	112.3	
200	32.5	25.8	38.6	

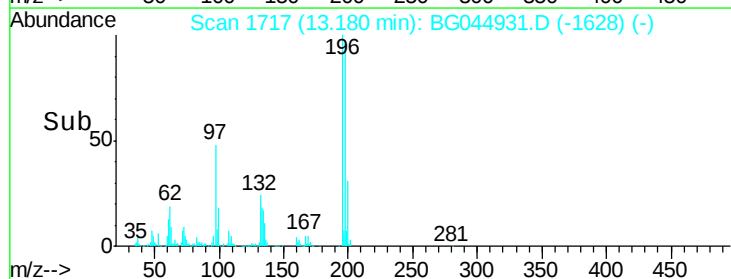
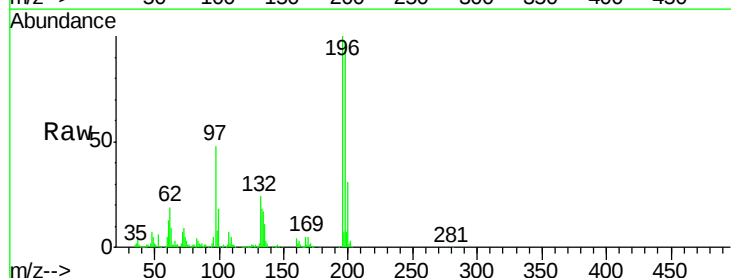
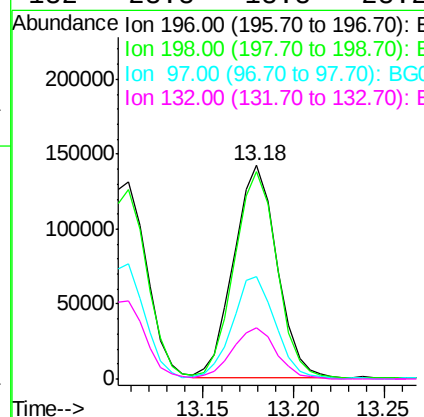
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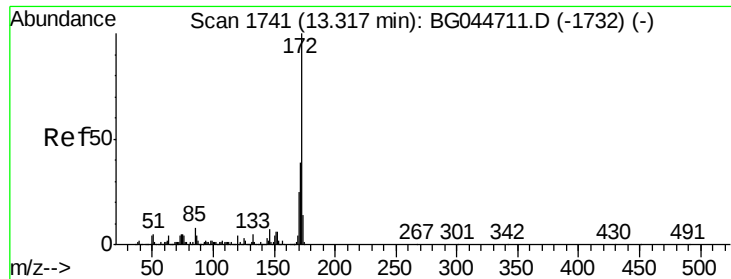
mohammad
 3/25/2020 12:27:40 PM



#44
 2,4,5-Trichlorophenol
 Concen: 44.599 ng
 RT: 13.18 min Scan# 1717
 Delta R.T. -0.01 min
 Lab File: BG044931.D
 Acq: 24 Mar 2020 15:30

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	235410		
198	97.0	74.2	111.4	
97	47.9	36.7	55.1	
132	23.8	18.8	28.2	





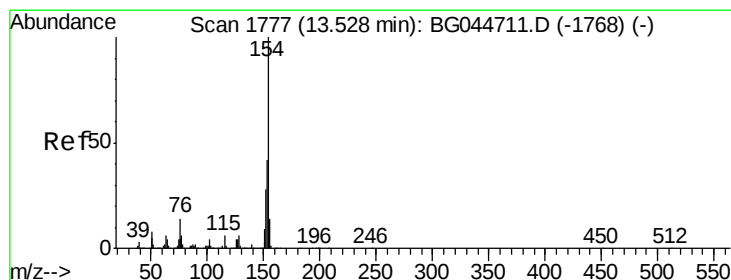
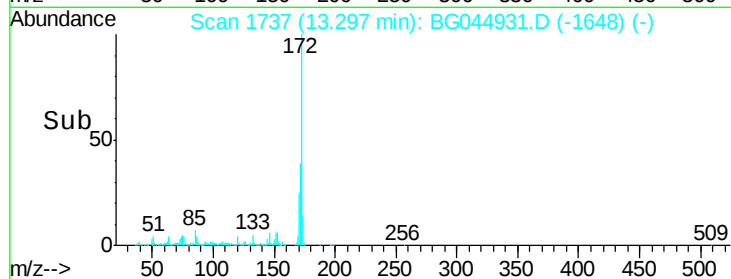
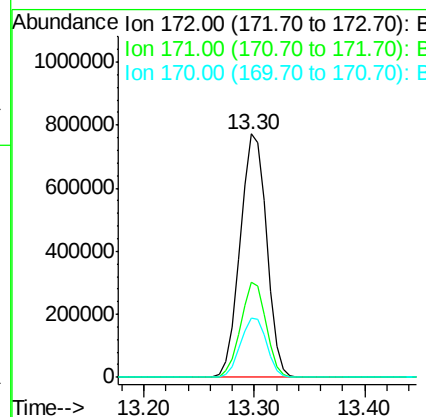
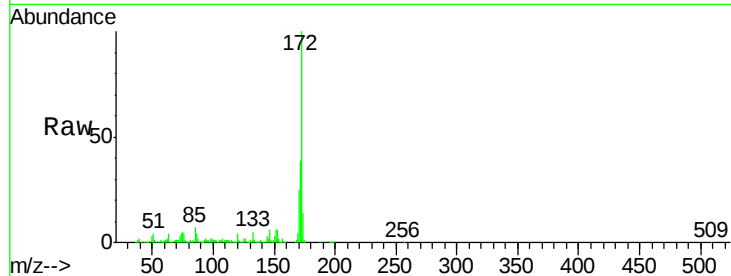
#45
2-Fluorobiphenyl
Concen: 79.947 ng
RT: 13.30 min Scan# 1737
Delta R.T. -0.01 min
Lab File: BG044931.D
Acq: 24 Mar 2020 15:30

Instrument :
BNA_G
ClientSampleId :
PB127768BSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	39.2	28.7	43.1
170	24.6	19.0	28.6

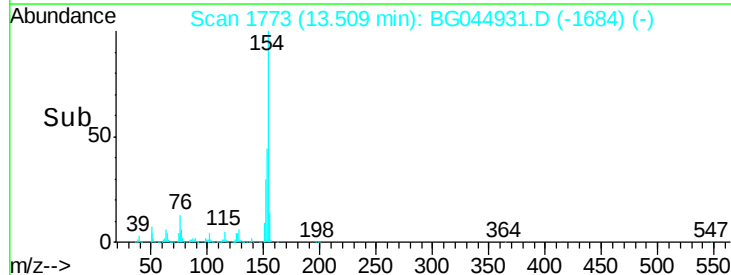
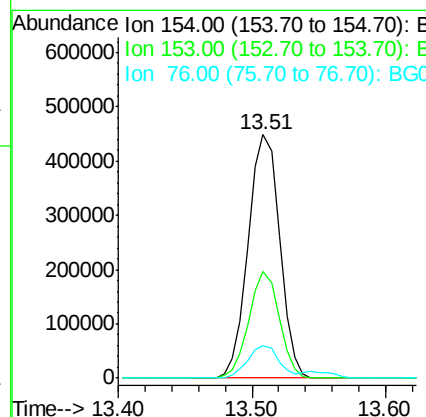
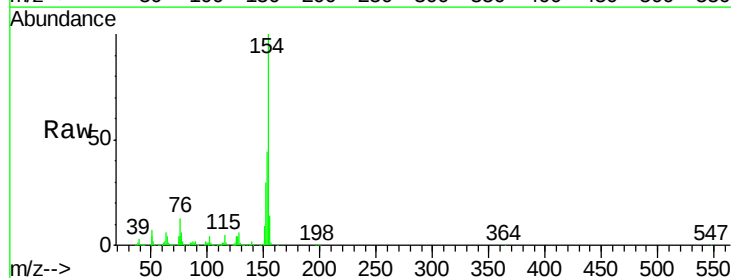
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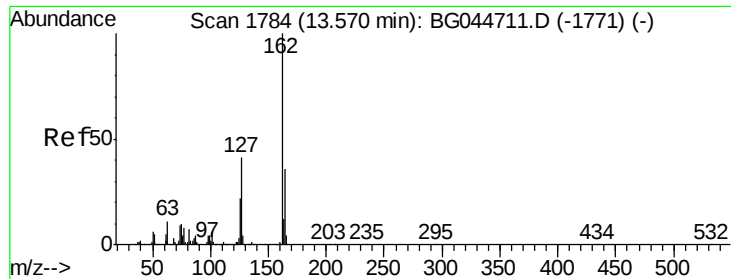
mohammad
3/25/2020 12:27:40 PM



#46
1,1'-Biphenyl
Concen: 39.173 ng
RT: 13.51 min Scan# 1773
Delta R.T. -0.01 min
Lab File: BG044931.D
Acq: 24 Mar 2020 15:30

Tgt Ion	Ratio	Lower	Upper
154	100		
153	43.8	22.9	62.9
76	13.3	0.0	34.6





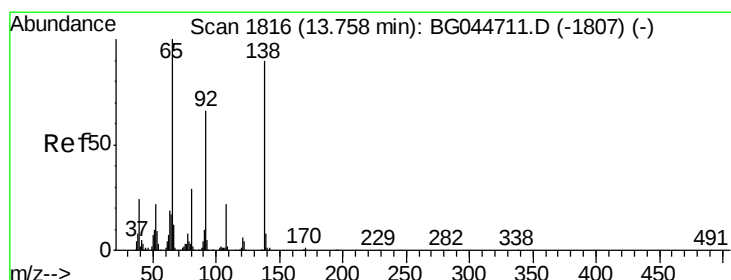
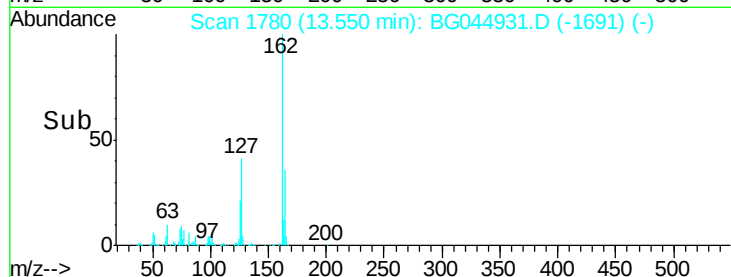
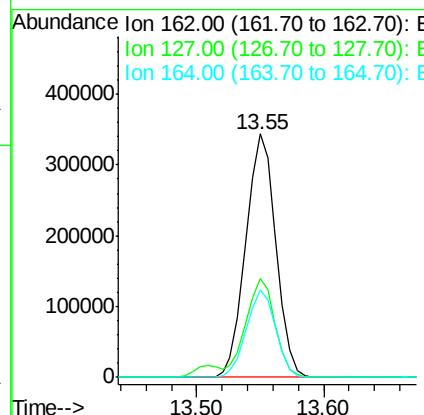
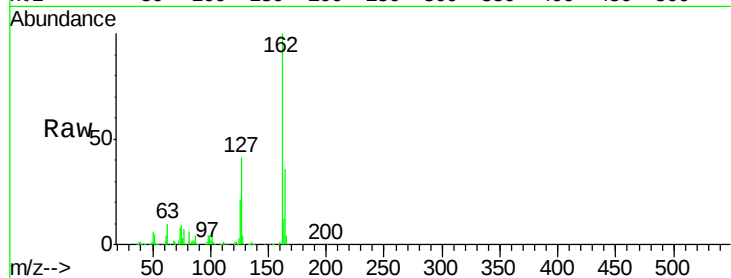
#47
2-Chloronaphthalene
Concen: 39.687 ng
RT: 13.55 min Scan# 1780
Delta R.T. -0.01 min
Lab File: BG044931.D
Acq: 24 Mar 2020 15:30

Instrument :
BNA_G
ClientSampleId :
PB127768BSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	40.8	33.1	49.7
164	35.7	27.4	41.2

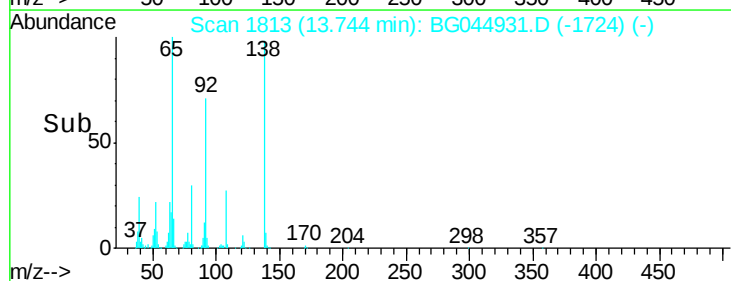
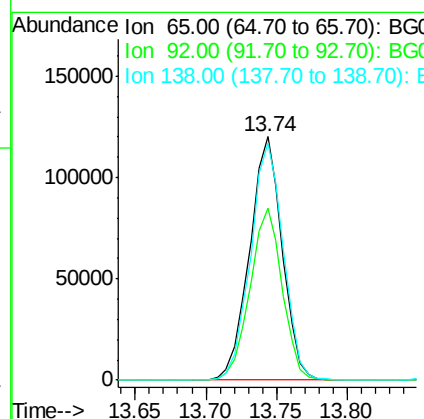
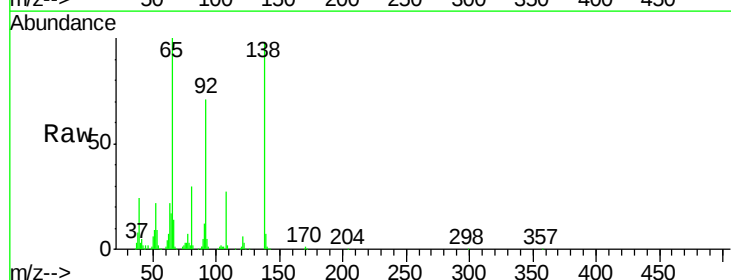
Manual Integrations
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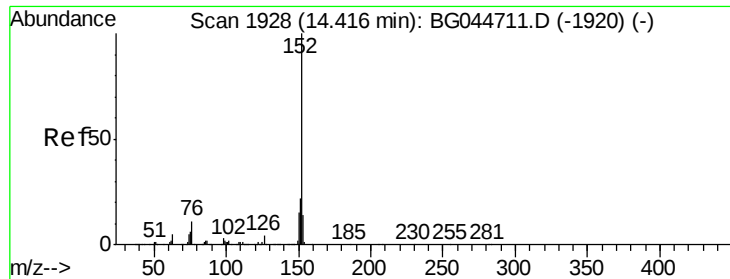
mohammad
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#48
2-Nitroaniline
Concen: 39.034 ng
RT: 13.74 min Scan# 1813
Delta R.T. -0.01 min
Lab File: BG044931.D
Acq: 24 Mar 2020 15:30

Tgt Ion	Ratio	Lower	Upper
65	100		
92	70.6	52.6	79.0
138	97.7	78.3	117.5





#49

Acenaphthylene

Concen: 40.768 ng

RT: 14.40 min Scan# 1924

Delta R.T. -0.01 min

Lab File: BG044931.D

Acq: 24 Mar 2020 15:30

Instrument :

BNA_G

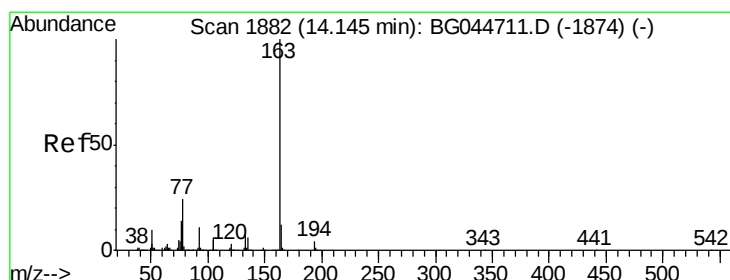
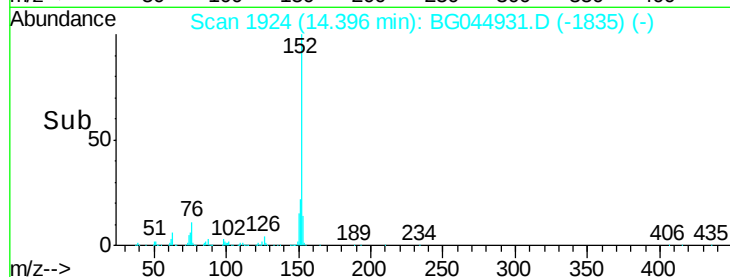
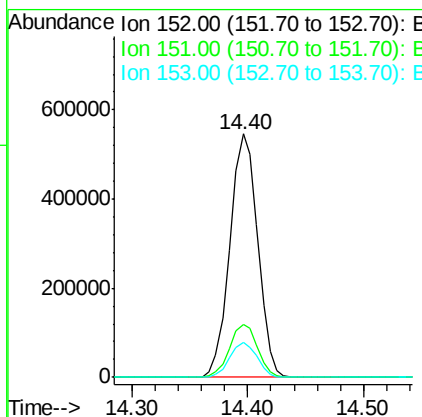
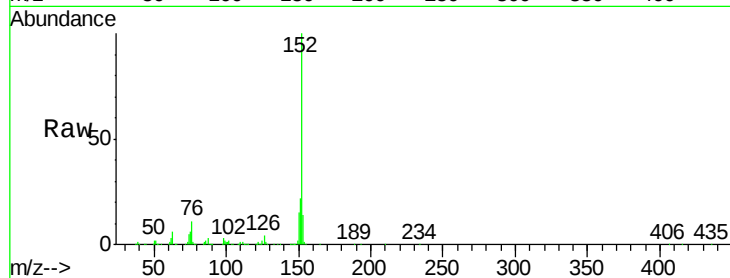
ClientSampleId :

PB127768BSD

Tot Ion:	152	Resp:	907982
Ion Ratio	Lower	Upper	
152	100		
151	22.0	16.8	25.2
153	14.4	10.8	16.2

Manual Integrations
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#50

Dimethylphthalate

Concen: 39.962 ng

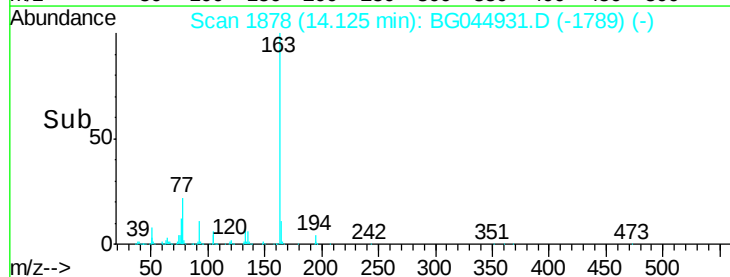
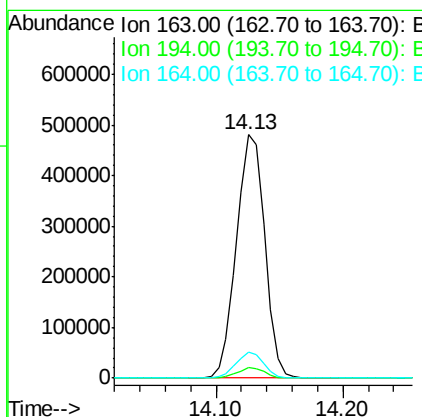
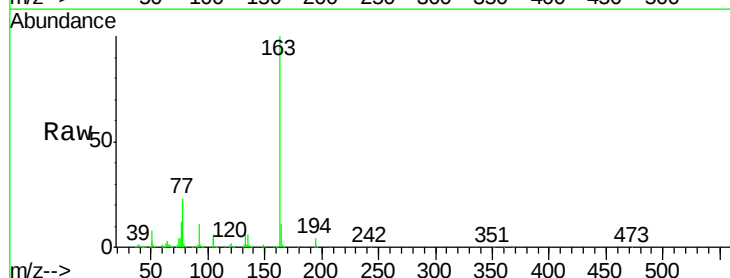
RT: 14.13 min Scan# 1878

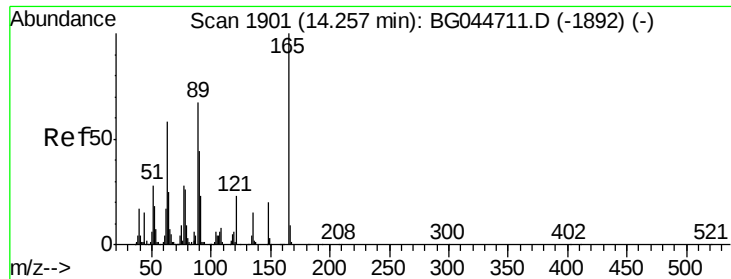
Delta R.T. -0.01 min

Lab File: BG044931.D

Acq: 24 Mar 2020 15:30

Tgt Ion:	163	Resp:	741187
Ion Ratio	Lower	Upper	
163	100		
194	4.4	3.7	5.5
164	10.9	9.1	13.7





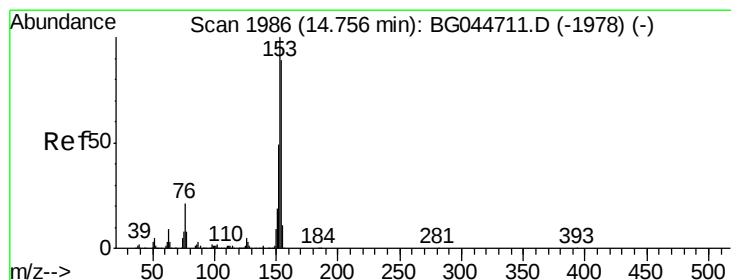
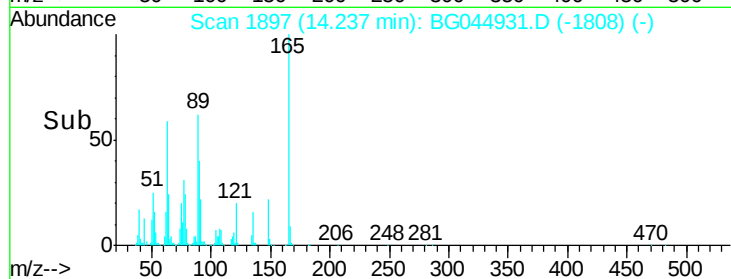
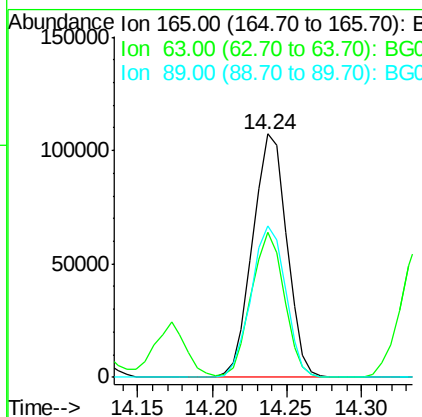
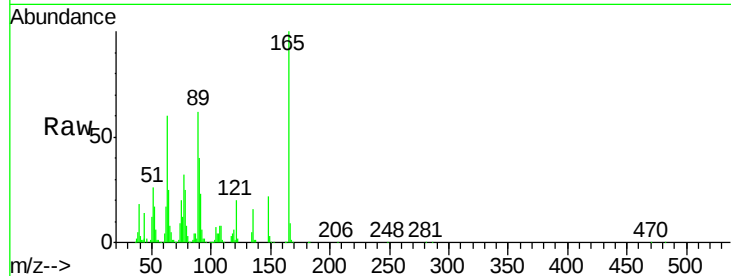
#51
2,6-Dinitrotoluene
Concen: 45.446 ng
RT: 14.24 min Scan# 1897
Delta R.T. -0.01 min
Lab File: BG044931.D
Acq: 24 Mar 2020 15:30

Instrument :
BNA_G
ClientSampleId :
PB127768BSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	169906		
63	59.8		45.8	68.8
89	62.4		51.8	77.6

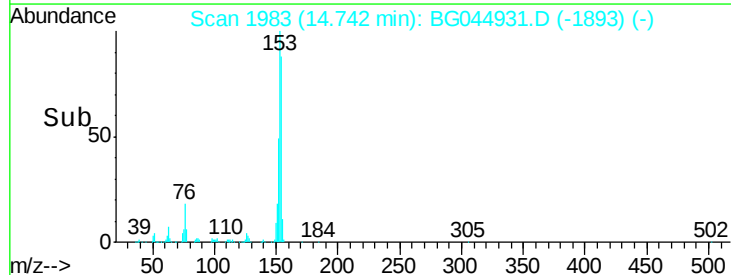
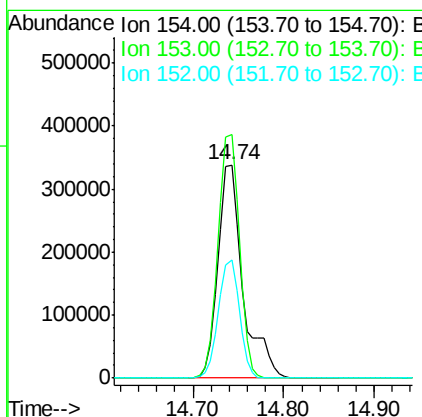
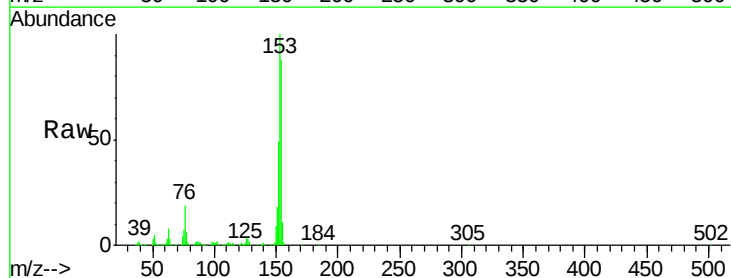
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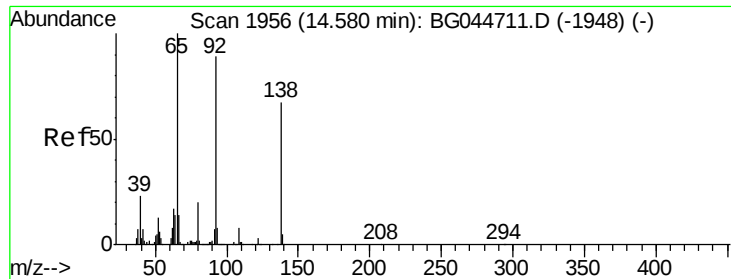
mohammad
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#52
Acenaphthene
Concen: 44.390 ng
RT: 14.74 min Scan# 1983
Delta R.T. -0.00 min
Lab File: BG044931.D
Acq: 24 Mar 2020 15:30

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	647465		
153	114.1		89.0	133.6
152	55.6		43.0	64.6





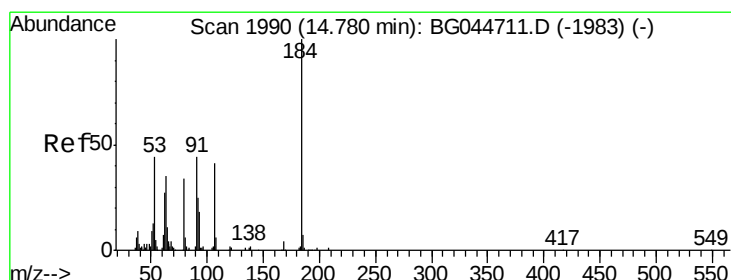
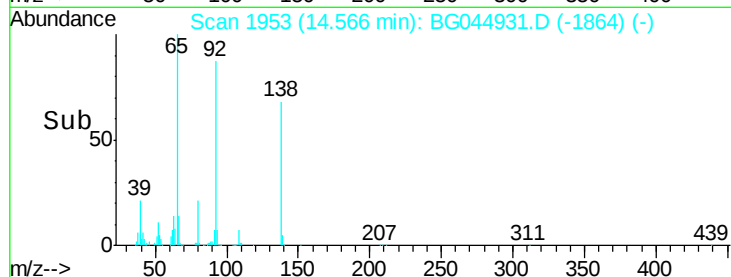
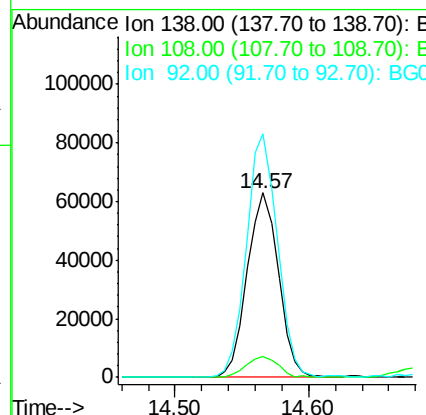
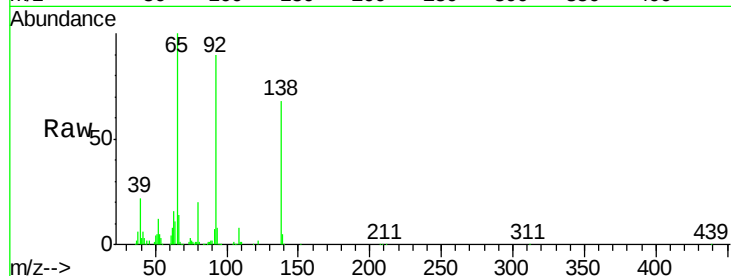
#53
3-Nitroaniline
Concen: 23.795 ng
RT: 14.57 min Scan# 1953
Delta R.T. -0.01 min
Lab File: BG044931.D
Acq: 24 Mar 2020 15:30

Instrument :
BNA_G
ClientSampleId :
PB127768BSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.3	9.0	13.4
92	132.0	96.8	145.2

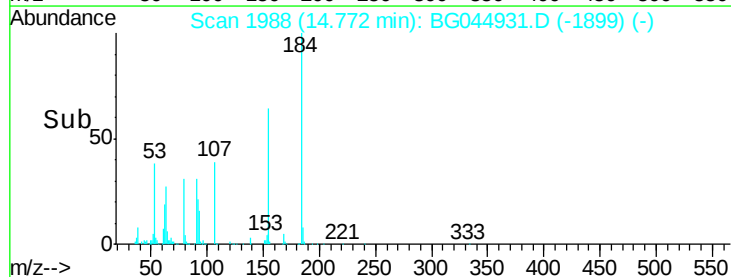
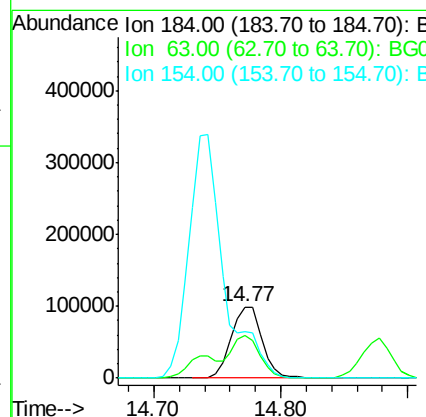
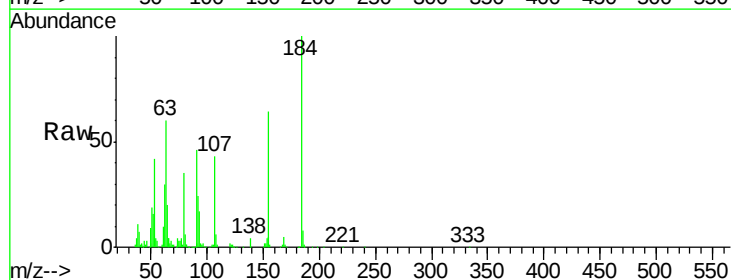
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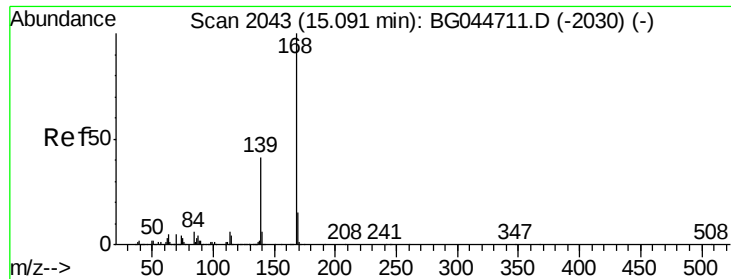
mohammad
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#54
2,4-Dinitrophenol
Concen: 85.235 ng
RT: 14.77 min Scan# 1988
Delta R.T. -0.01 min
Lab File: BG044931.D
Acq: 24 Mar 2020 15:30

Tgt Ion	Ratio	Lower	Upper
184	100		
63	59.7	45.5	68.3
154	64.3	49.1	73.7





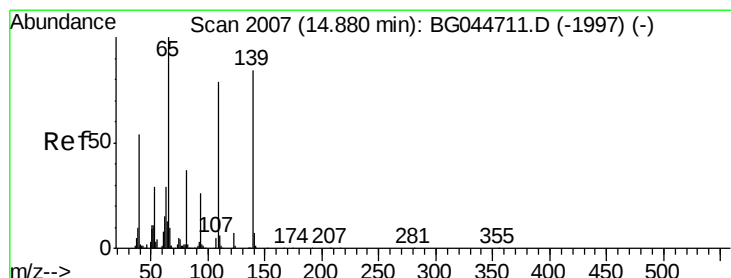
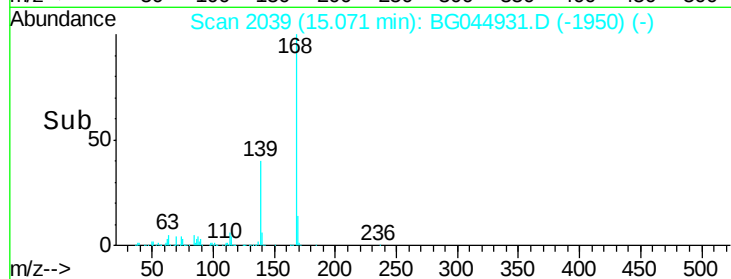
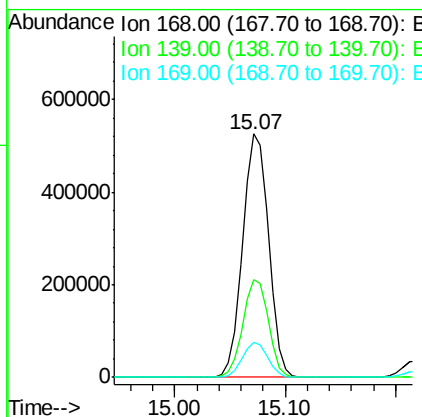
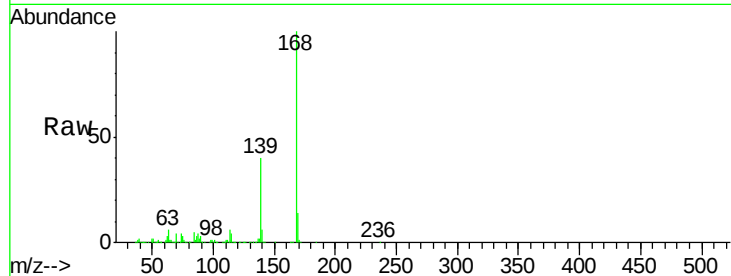
#55
Dibenzenofuran
Concen: 41.050 ng
RT: 15.07 min Scan# 2039
Delta R.T. -0.01 min
Lab File: BG044931.D
Acq: 24 Mar 2020 15:30

Instrument :
BNA_G
ClientSampleId :
PB127768BSD

Tot Ion	Ratio	Resp	Lower	Upper
168	100			
139	40.1	31.4	47.0	
169	14.3	11.1	16.7	

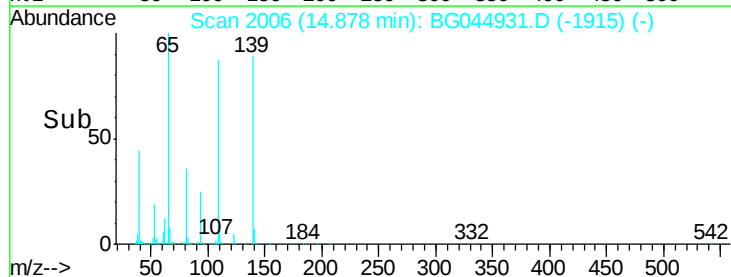
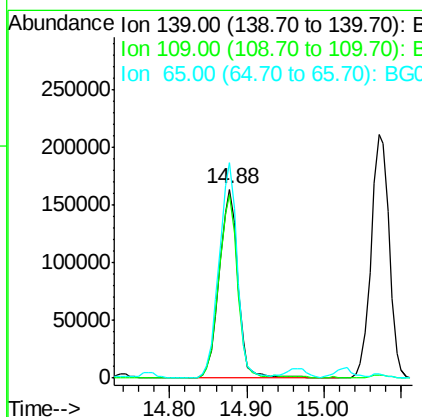
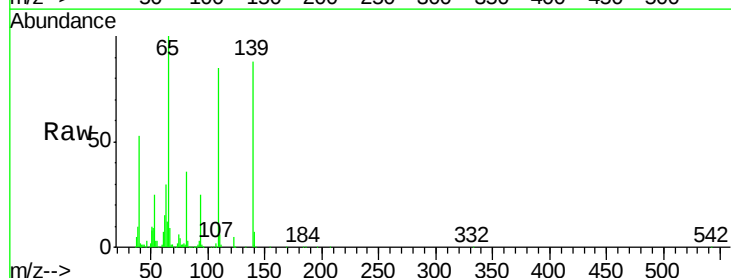
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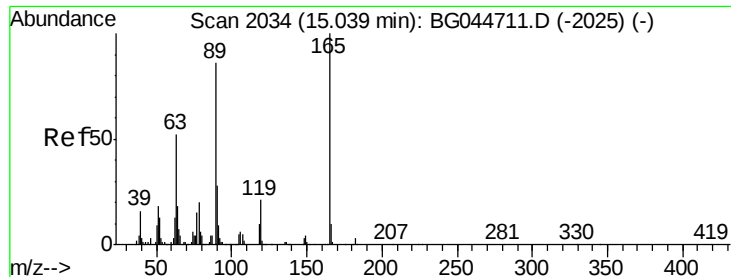
mohammad
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#56
4-Nitrophenol
Concen: 84.343 ng
RT: 14.88 min Scan# 2006
Delta R.T. 0.00 min
Lab File: BG044931.D
Acq: 24 Mar 2020 15:30

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	97.1	68.8	108.8	
65	113.9	92.5	132.5	





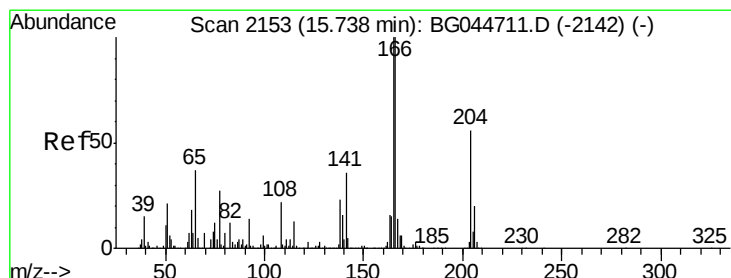
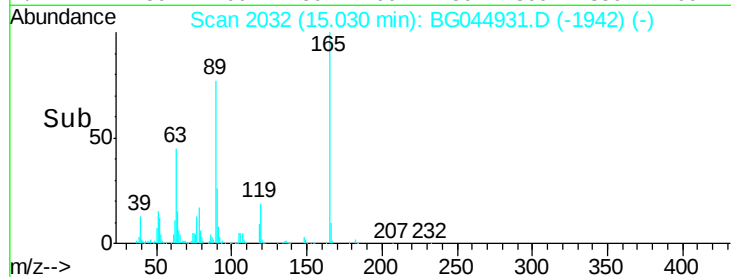
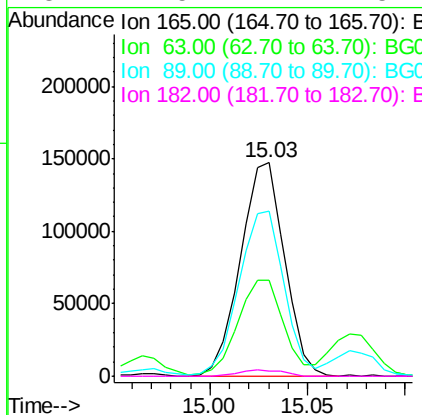
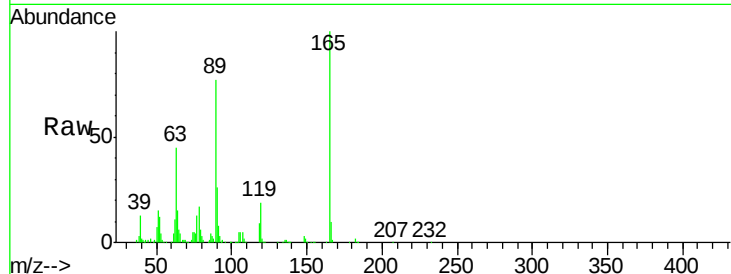
#57
 2,4-Dinitrotoluene
 Concen: 44.924 ng
 RT: 15.03 min Scan# 2032
 Delta R.T. -0.00 min
 Lab File: BG044931.D
 Acq: 24 Mar 2020 15:30

Instrument :
 BNA_G
 ClientSampleId :
 PB127768BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		230342		
63	44.8	34.6	52.0		
89	77.3	61.3	91.9		
182	2.5	2.2	3.2		

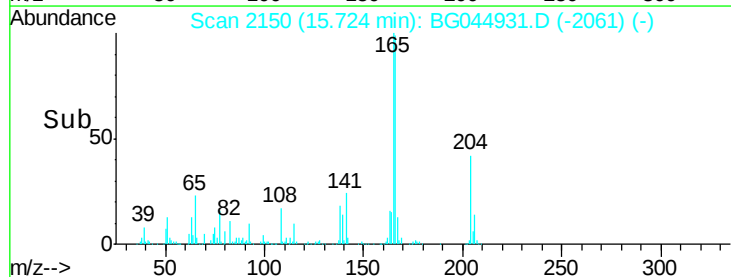
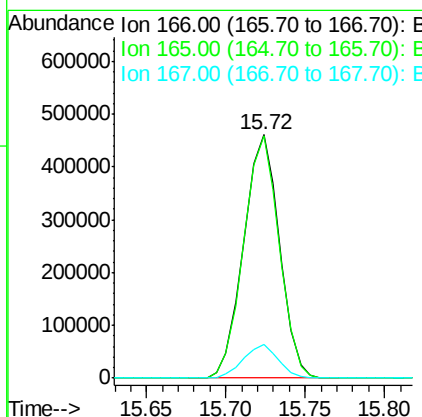
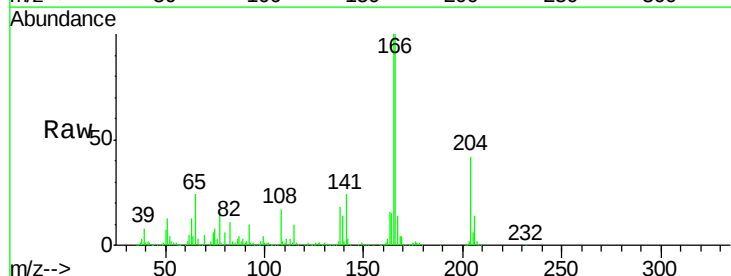
Manual Integrations
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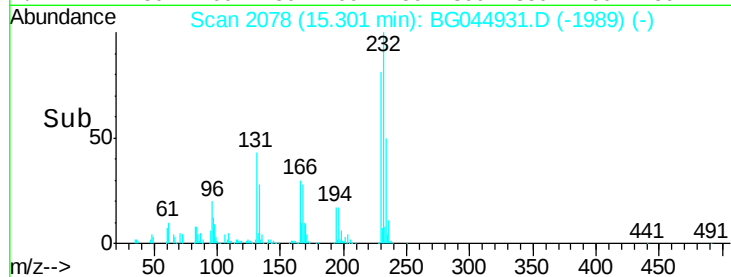
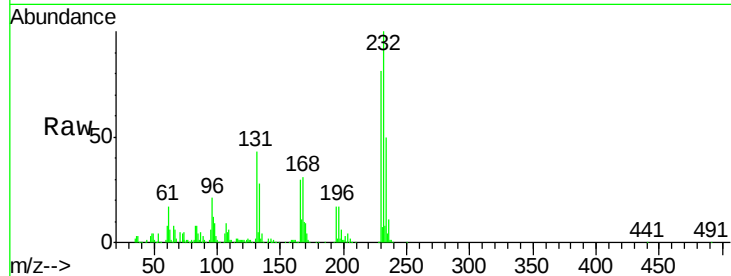
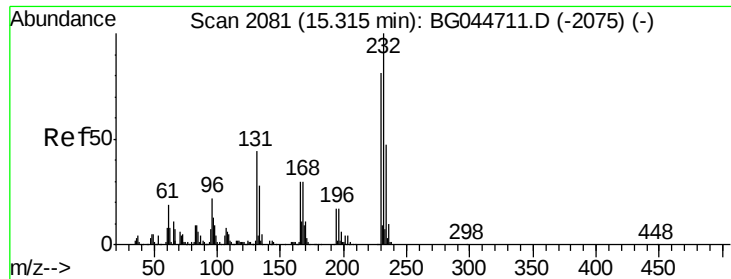
mohammad
 3/25/2020 12:27:40 PM



#58
 Fluorene
 Concen: 41.517 ng
 RT: 15.72 min Scan# 2150
 Delta R.T. -0.01 min
 Lab File: BG044931.D
 Acq: 24 Mar 2020 15:30

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		722381		
165	99.5	79.7	119.5		
167	14.1	10.6	16.0		





#59

2,3,4,6-Tetrachlorophenol

Concen: 44.106 ng

RT: 15.30 min Scan# 2078

Delta R.T. -0.01 min

Lab File: BG044931.D

Acq: 24 Mar 2020 15:30

Instrument :

BNA_G

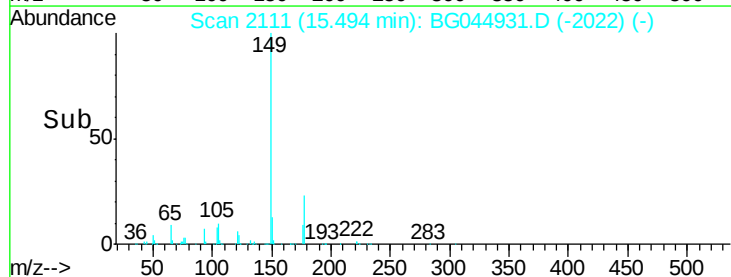
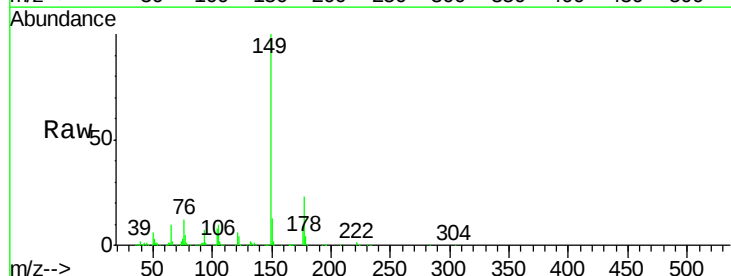
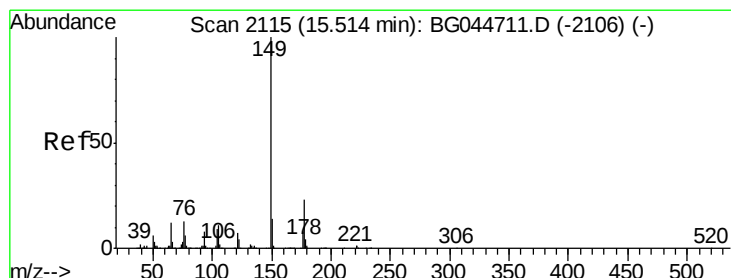
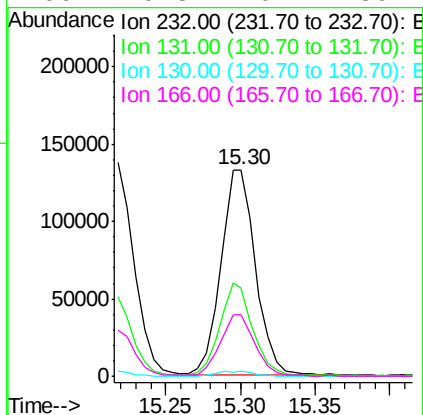
ClientSampleId :

PB127768BSD

Tot Ion	Ratio	Resp	Lower	Upper
232	100	214339		
131	44.8		31.8	47.8
130	2.6		2.2	3.2
166	29.8		20.2	30.2

Manual Integrations
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#60

Diethylphthalate

Concen: 38.908 ng

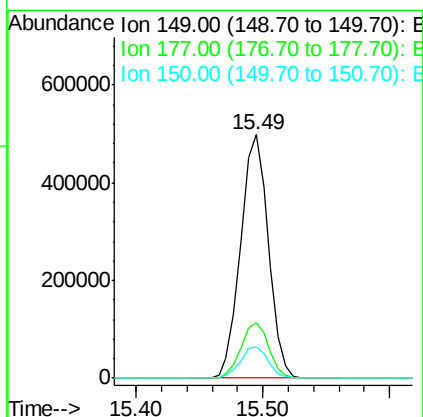
RT: 15.49 min Scan# 2111

Delta R.T. -0.01 min

Lab File: BG044931.D

Acq: 24 Mar 2020 15:30

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	752672		
177	22.8		19.3	28.9
150	12.8		11.0	16.6





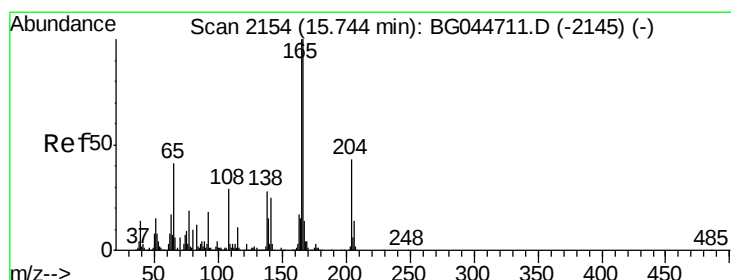
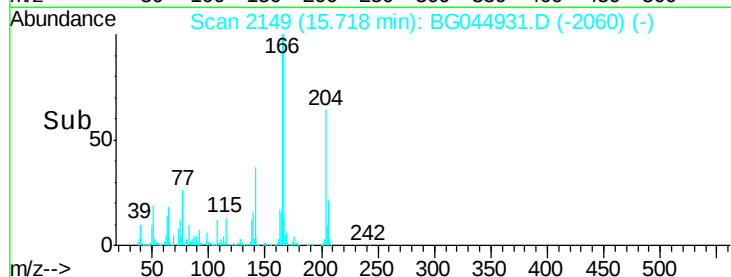
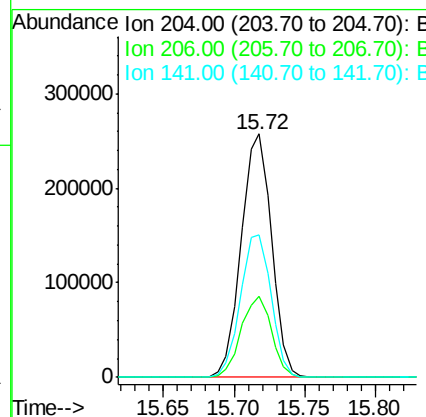
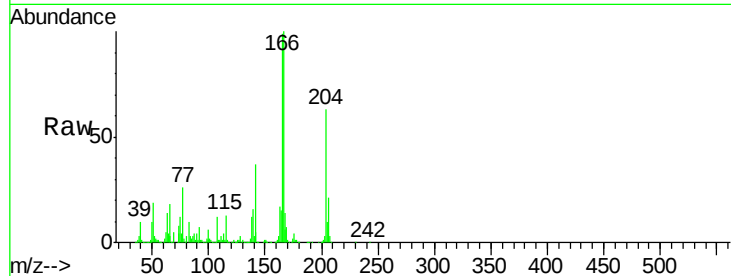
#61
4-Chlorophenyl-phenylether
Concen: 41.391 ng
RT: 15.72 min Scan# 2149
Delta R.T. -0.01 min
Lab File: BG044931.D
Acq: 24 Mar 2020 15:30

Instrument :
BNA_G
ClientSampleId :
PB127768BSD

Tot Ion	Ratio	Resp	Lower	Upper
204	100	387787		
206	33.6	26.2	39.2	
141	58.5	47.7	71.5	

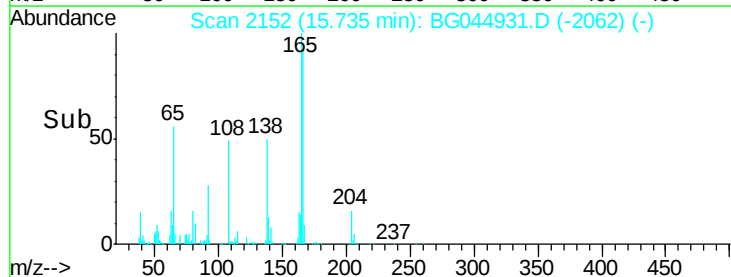
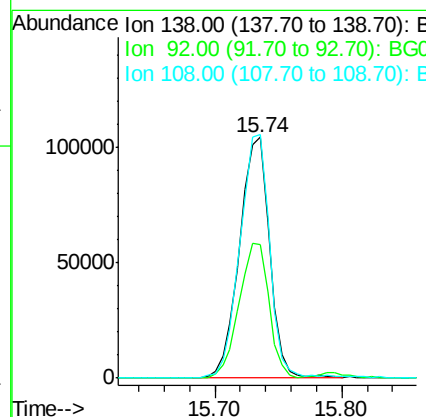
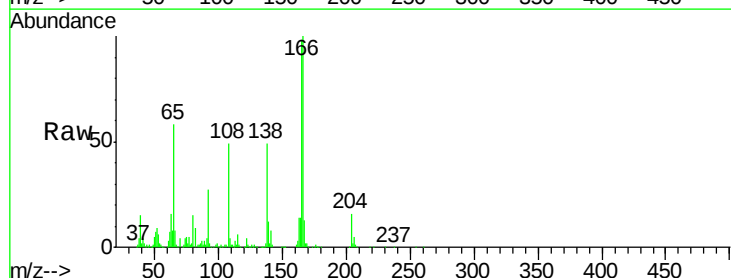
Manual Integrations
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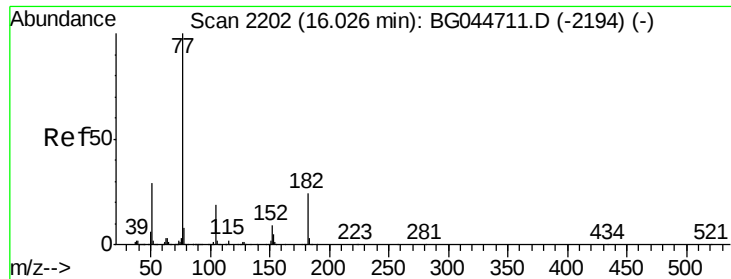
mohammad
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#62
4-Nitroaniline
Concen: 37.565 ng
RT: 15.74 min Scan# 2152
Delta R.T. -0.00 min
Lab File: BG044931.D
Acq: 24 Mar 2020 15:30

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	172173		
92	55.3	34.5	74.5	
108	101.1	74.5	114.5	





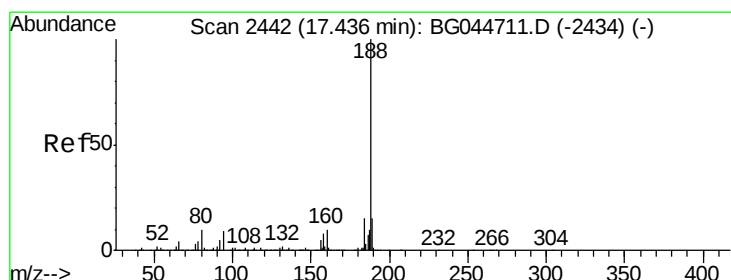
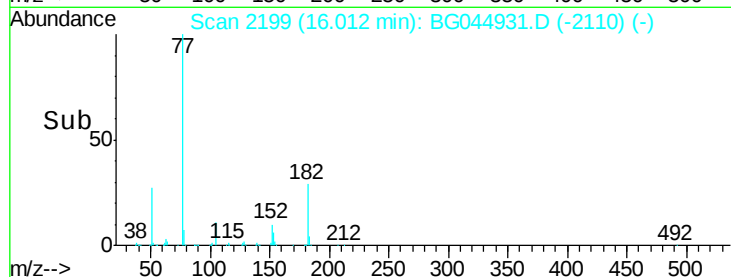
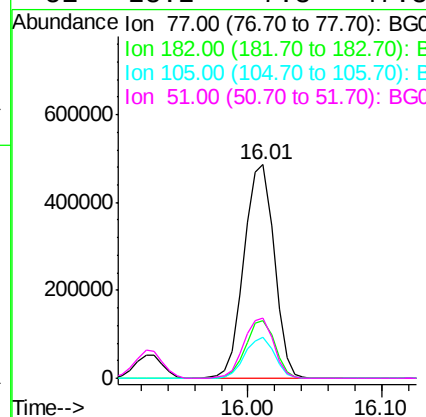
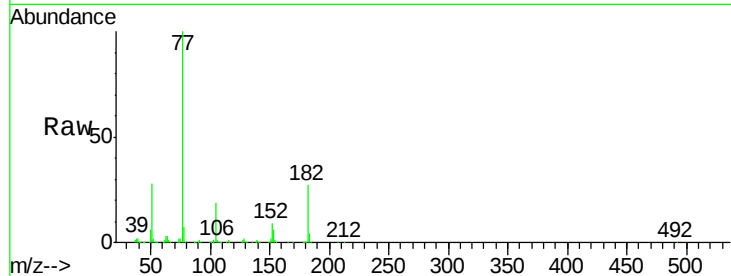
#63
Azobenzene
Concen: 37.813 ng
RT: 16.01 min Scan# 2199
Delta R.T. -0.01 min
Lab File: BG044931.D
Acq: 24 Mar 2020 15:30

Instrument :
BNA_G
ClientSampleId :
PB127768BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
182	27.1	6.4	46.4		
105	19.4	0.0	39.1		
51	28.2	7.3	47.3		

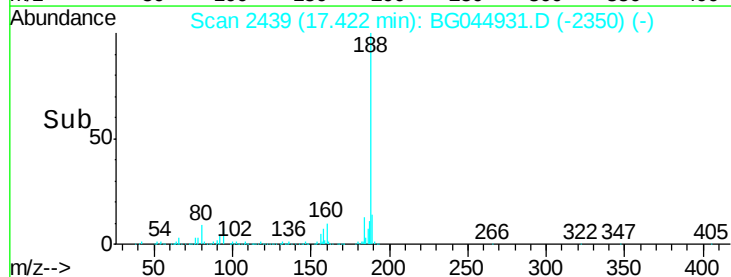
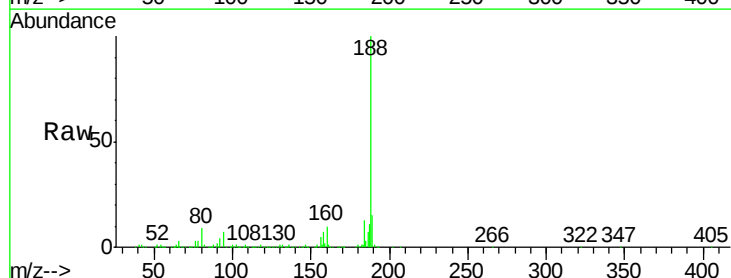
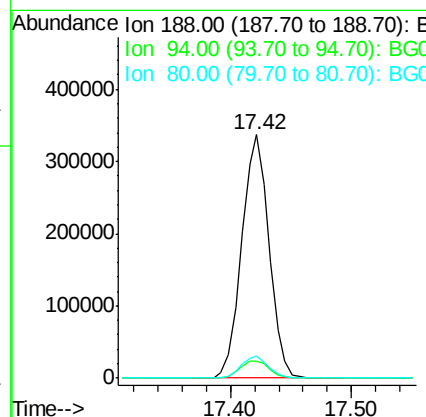
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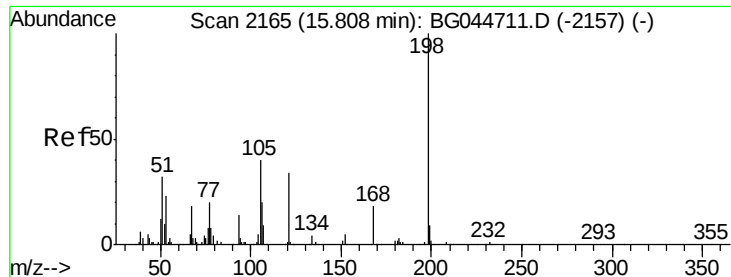
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2439
Delta R.T. -0.01 min
Lab File: BG044931.D
Acq: 24 Mar 2020 15:30

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100				
94	7.0	7.3	10.9#		
80	9.1	8.0	12.0		





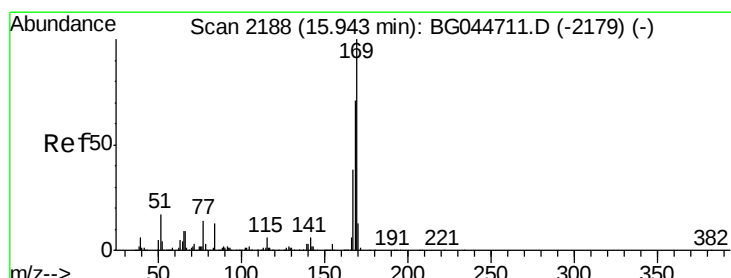
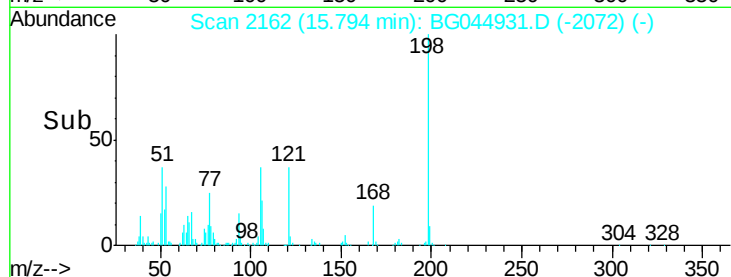
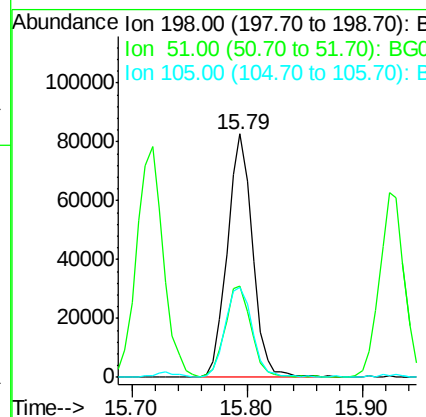
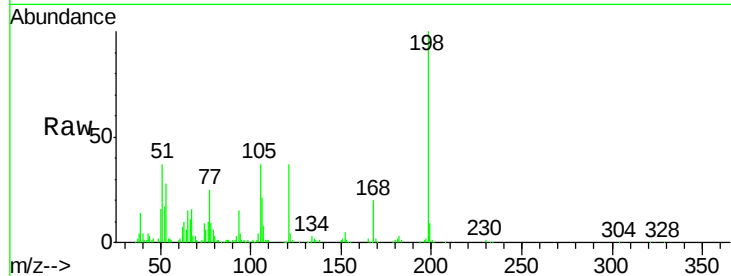
#65
4,6-Dinitro-2-methylphenol
Concen: 49.940 ng
RT: 15.79 min Scan# 2162
Delta R.T. -0.00 min
Lab File: BG044931.D
Acq: 24 Mar 2020 15:30

Instrument :
BNA_G
ClientSampleId :
PB127768BSD

Tot Ion	Ratio	Resp	Lower	Upper
198	100	125228		
51	37.3	21.1	61.1	
105	36.8	24.5	64.5	

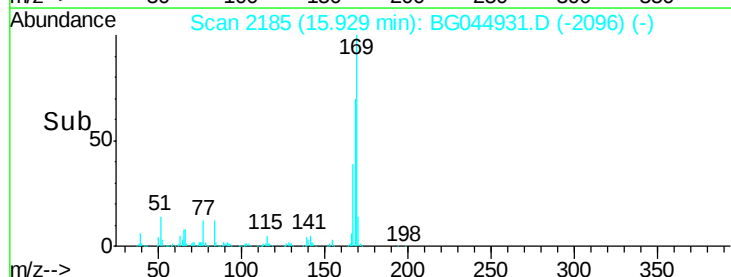
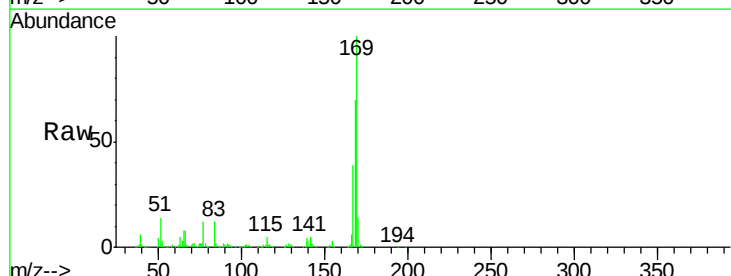
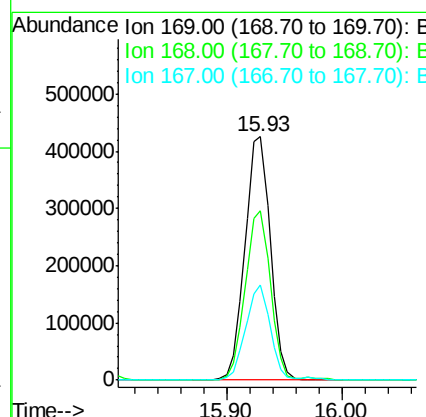
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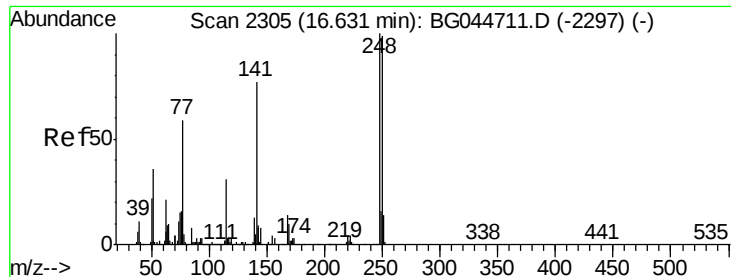
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#66
n-Nitrosodiphenylamine
Concen: 40.824 ng
RT: 15.93 min Scan# 2185
Delta R.T. -0.01 min
Lab File: BG044931.D
Acq: 24 Mar 2020 15:30

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	650082		
168	69.8	55.4	83.2	
167	38.9	30.1	45.1	





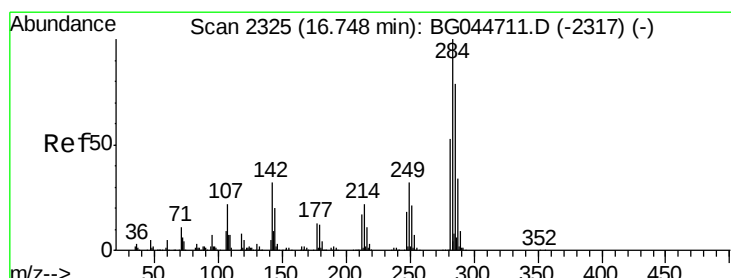
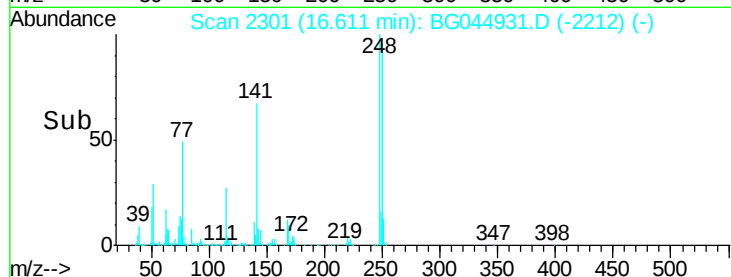
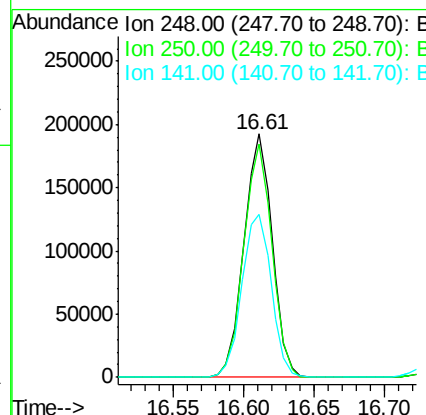
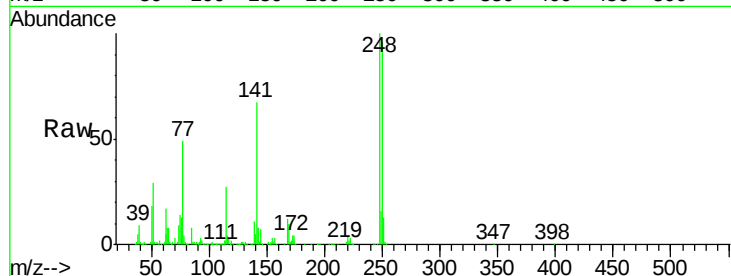
#67
4-Bromophenyl-phenylether
Concen: 40.832 ng
RT: 16.61 min Scan# 2301
Delta R.T. -0.01 min
Lab File: BG044931.D
Acq: 24 Mar 2020 15:30

Instrument :
BNA_G
ClientSampleId :
PB127768BSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.0	77.9	116.9
141	67.2	57.5	86.3

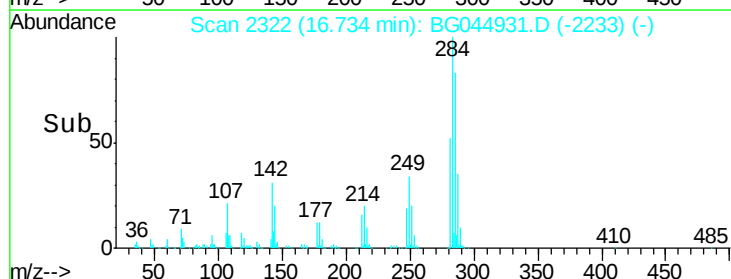
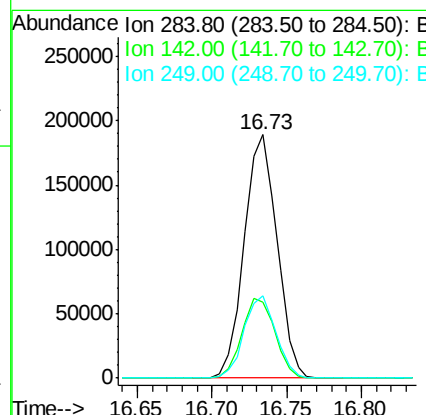
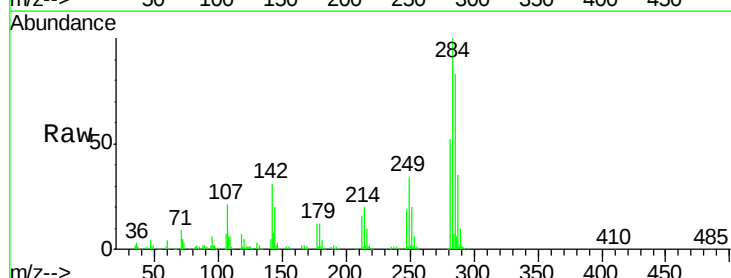
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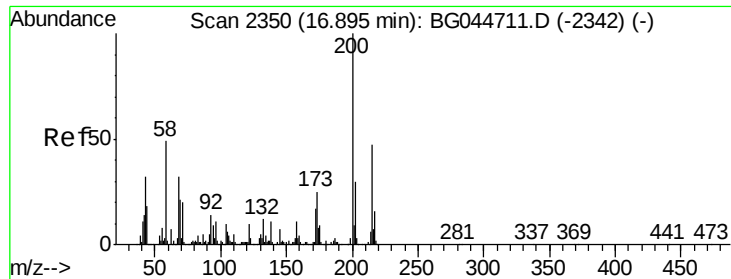
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#68
Hexachlorobenzene
Concen: 40.111 ng
RT: 16.73 min Scan# 2322
Delta R.T. -0.01 min
Lab File: BG044931.D
Acq: 24 Mar 2020 15:30

Tgt Ion	Ratio	Lower	Upper
284	100		
142	31.3	25.0	37.6
249	33.9	25.8	38.8





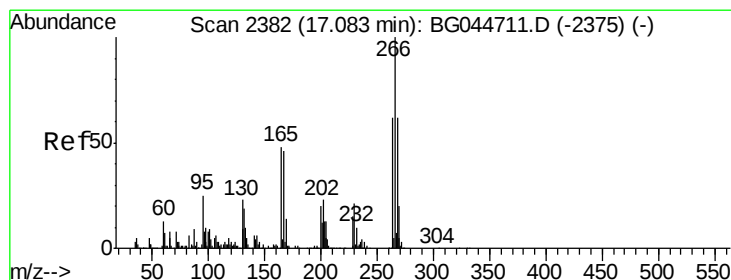
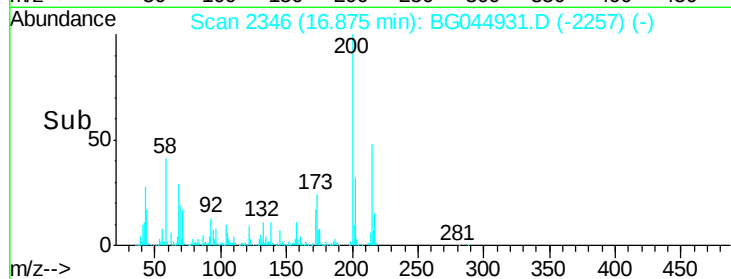
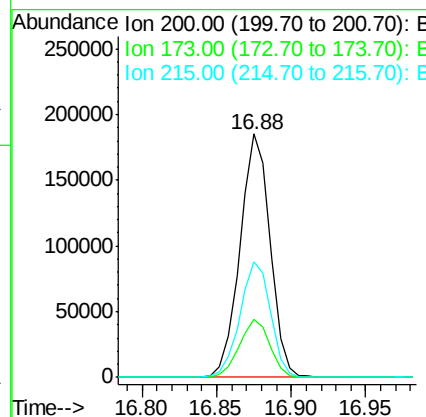
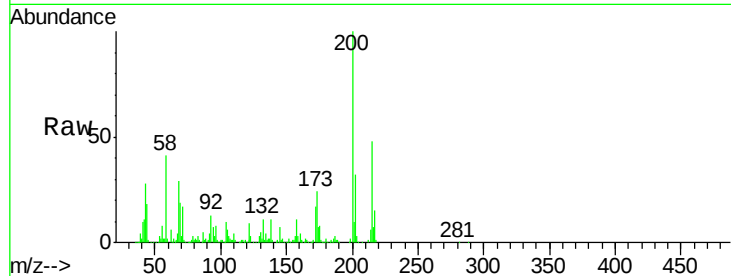
#69
Atrazine
Concen: 44.379 ng
RT: 16.88 min Scan# 2346
Delta R.T. -0.01 min
Lab File: BG044931.D
Acq: 24 Mar 2020 15:30

Instrument :
BNA_G
ClientSampleId :
PB127768BSD

Tot Ion	Ratio	Resp	Lower	Upper
200	100	258914		
173	23.6	5.3	45.3	
215	47.7	28.9	68.9	

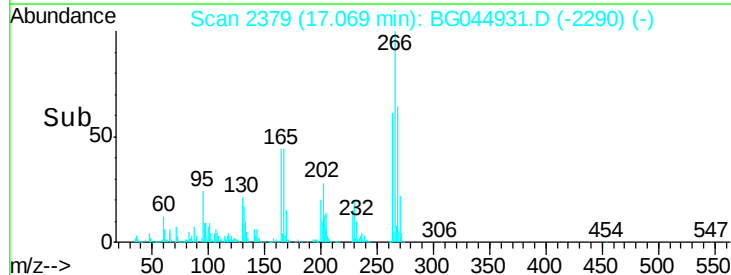
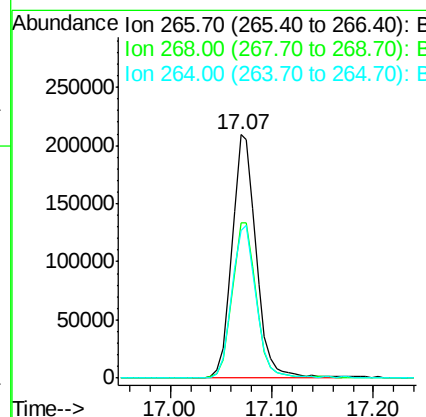
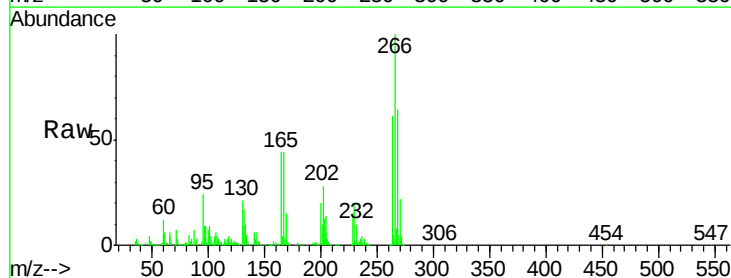
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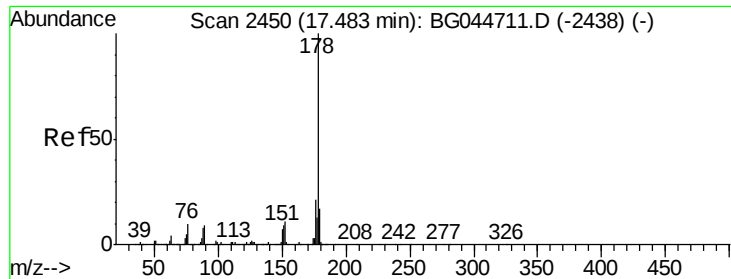
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#70
Pentachlorophenol
Concen: 87.415 ng
RT: 17.07 min Scan# 2379
Delta R.T. -0.01 min
Lab File: BG044931.D
Acq: 24 Mar 2020 15:30

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	345027		
268	63.7	50.3	75.5	
264	60.6	51.4	77.2	





#71

Phenanthrene

Concen: 40.493 ng

RT: 17.46 min Scan# 2446

Delta R.T. -0.01 min

Lab File: BG044931.D

Acq: 24 Mar 2020 15:30

Instrument :

BNA_G

ClientSampleId :

PB127768BSD

Tot Ion:178 Resp: 1144524

Ion Ratio Lower Upper

178 100

176 21.0 16.6 24.8

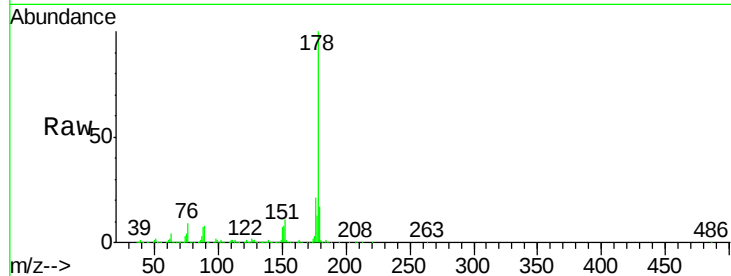
179 16.9 13.5 20.3

Manual Integrations

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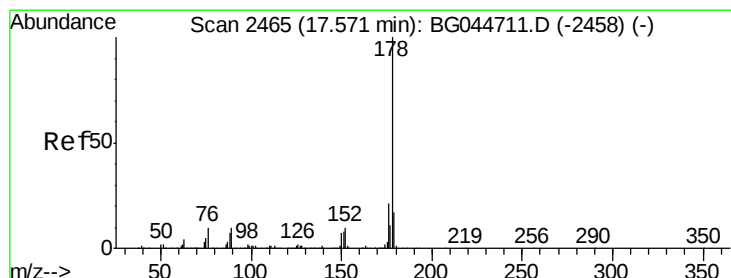
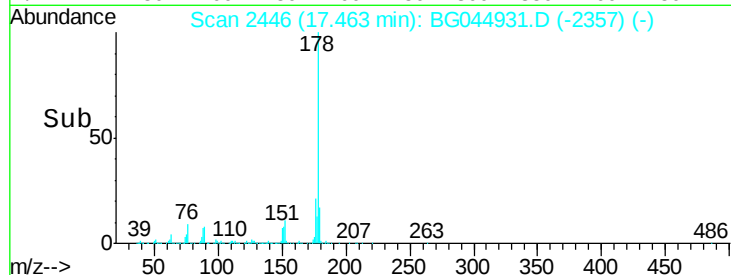
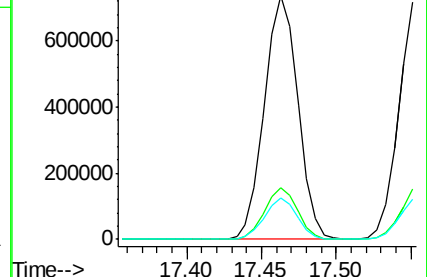
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 41.915 ng

RT: 17.56 min Scan# 2462

Delta R.T. -0.01 min

Lab File: BG044931.D

Acq: 24 Mar 2020 15:30

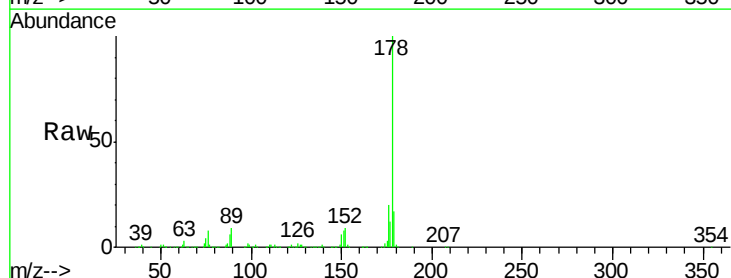
Tgt Ion:178 Resp: 1168196

Ion Ratio Lower Upper

178 100

176 20.4 15.9 23.9

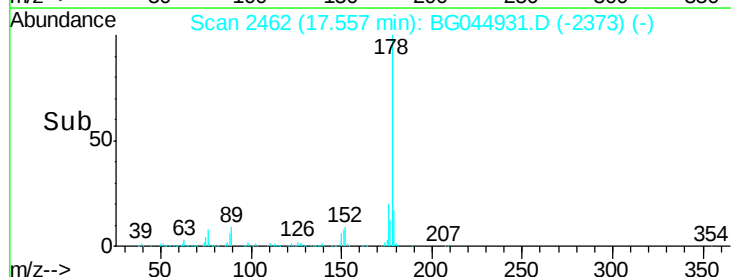
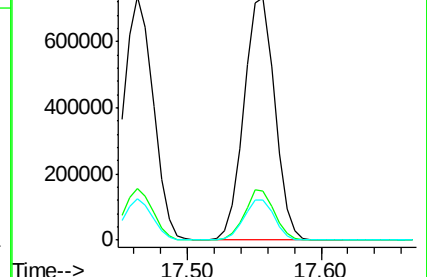
179 16.6 13.2 19.8



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: 40.965 ng

RT: 17.82 min Scan# 2506

Delta R.T. -0.01 min

Lab File: BG044931.D

Acq: 24 Mar 2020 15:30

Instrument :

BNA_G

ClientSampleId :

PB127768BSD

Tot Ion:167 Resp: 1096709

Ion Ratio Lower Upper

167 100

166 24.4 18.8 28.2

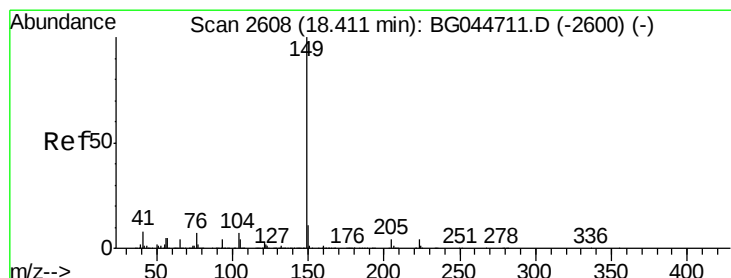
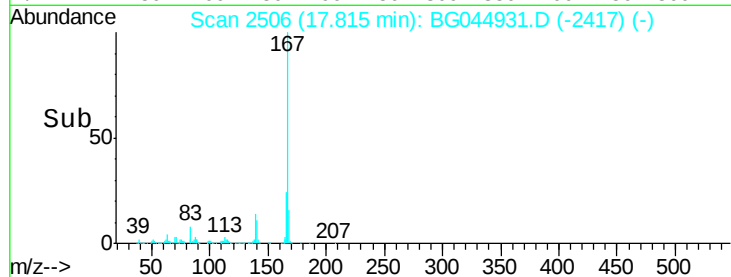
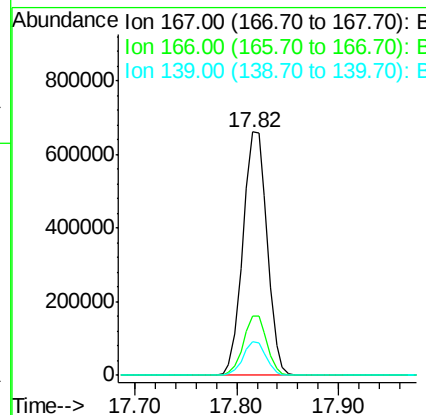
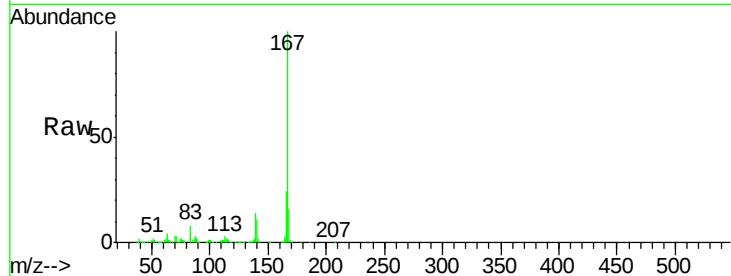
139 13.6 10.8 16.2

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#74

Di-n-butylphthalate

Concen: 39.199 ng

RT: 18.39 min Scan# 2603

Delta R.T. -0.01 min

Lab File: BG044931.D

Acq: 24 Mar 2020 15:30

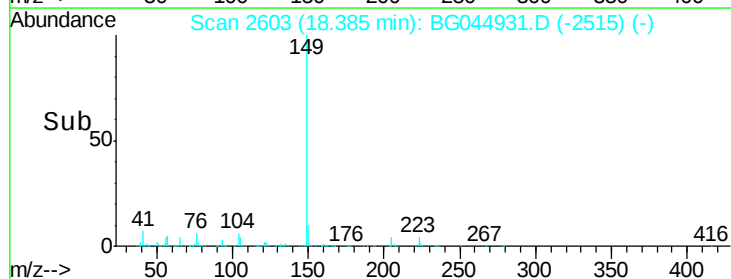
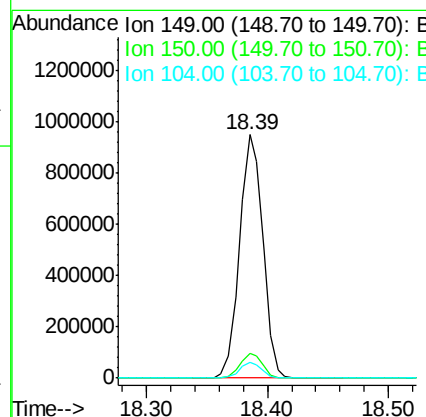
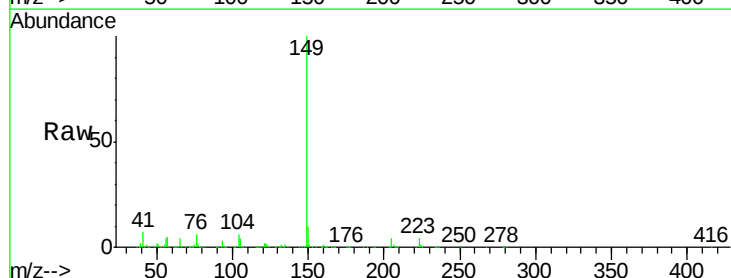
Tgt Ion:149 Resp: 1275670

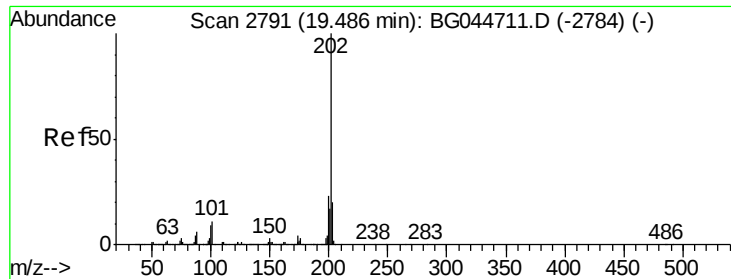
Ion Ratio Lower Upper

149 100

150 10.3 8.1 12.1

104 6.5 5.0 7.4





#75

Fluoranthene

Concen: 42.562 ng

RT: 19.47 min Scan# 2788

Delta R.T. -0.01 min

Lab File: BG044931.D

Acq: 24 Mar 2020 15:30

Instrument :

BNA_G

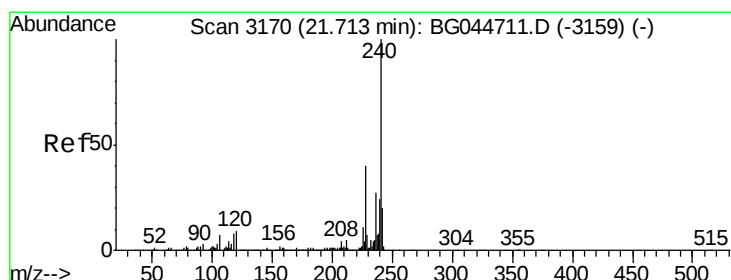
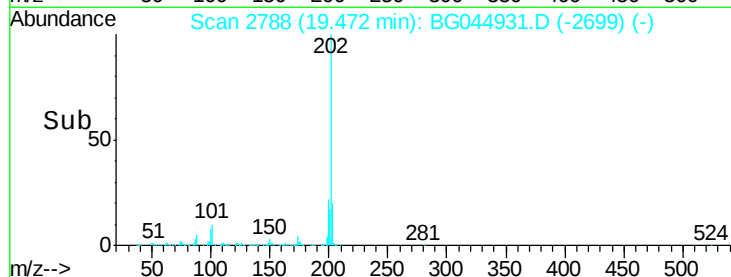
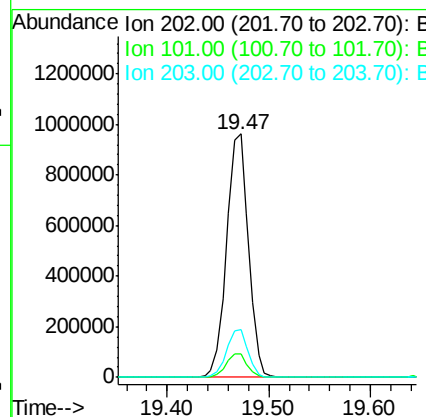
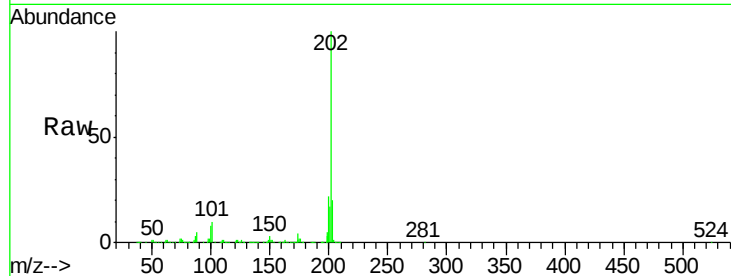
ClientSampleId :

PB127768BSD

Tot Ion:	202	Resp:	1432372
Ion Ratio	Lower	Upper	
202	100		
101	9.7	0.0	29.8
203	19.6	0.0	39.4

Manual Integrations
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#76

Chrysene-d12

Concen: 20.000 ng

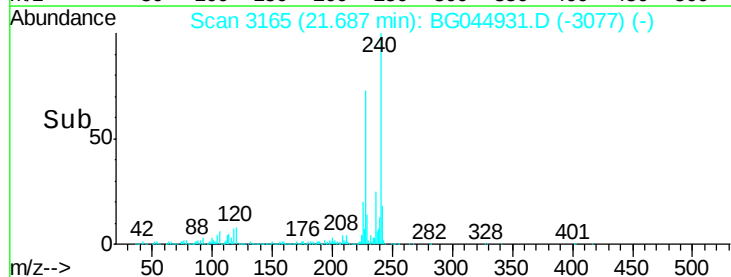
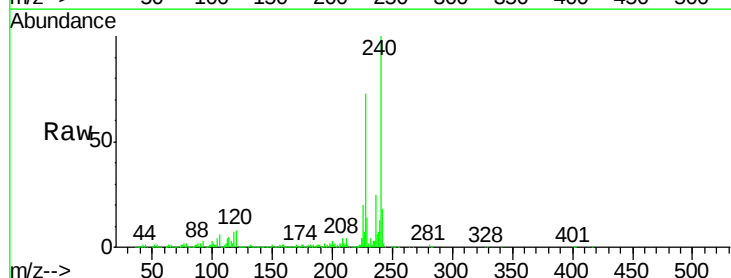
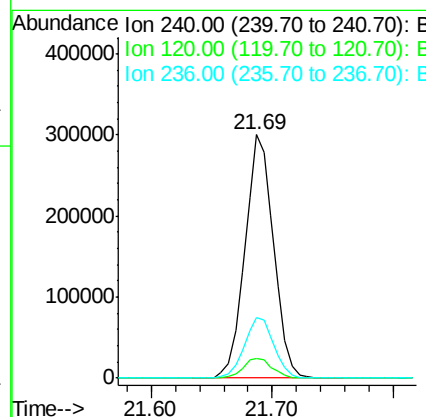
RT: 21.69 min Scan# 3165

Delta R.T. -0.01 min

Lab File: BG044931.D

Acq: 24 Mar 2020 15:30

Tgt Ion:	240	Resp:	494542
Ion Ratio	Lower	Upper	
240	100		
120	8.0	6.7	10.1
236	24.7	21.5	32.3





#77

Benzidine

Concen: 43.374 ng

RT: 19.64 min Scan# 2817

Delta R.T. -0.01 min

Lab File: BG044931.D

Acq: 24 Mar 2020 15:30

Instrument :

BNA_G

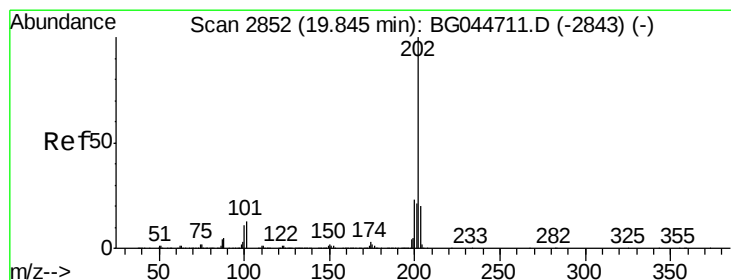
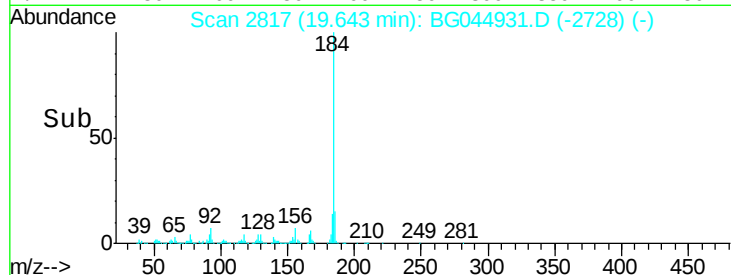
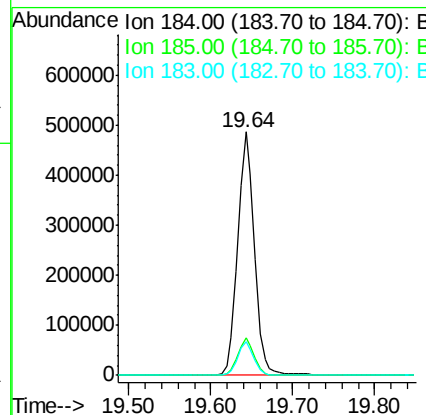
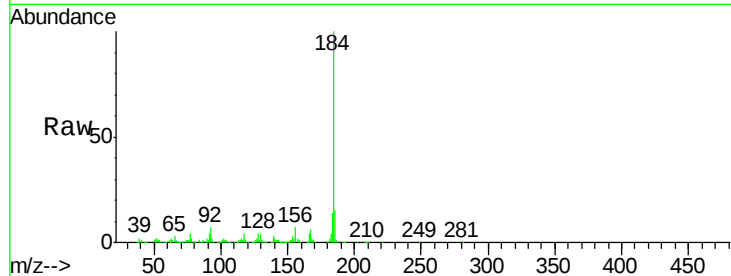
ClientSampleId :

PB127768BSD

Tot Ion:	184	Resp:	696353
Ion Ratio		Lower	Upper
184	100		
185	15.3	12.2	18.4
183	13.7	10.7	16.1

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#78

Pyrene

Concen: 38.605 ng

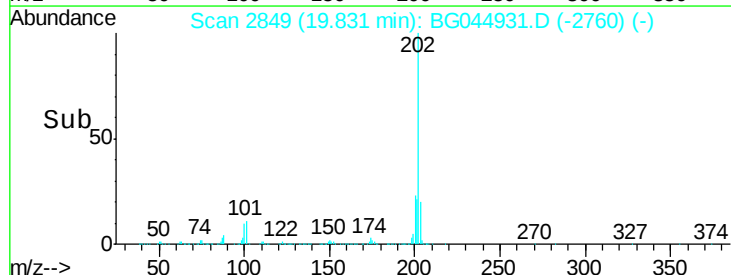
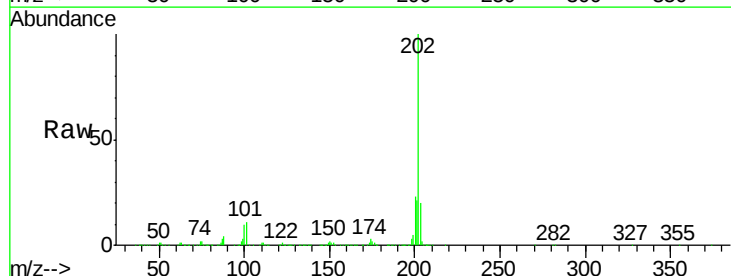
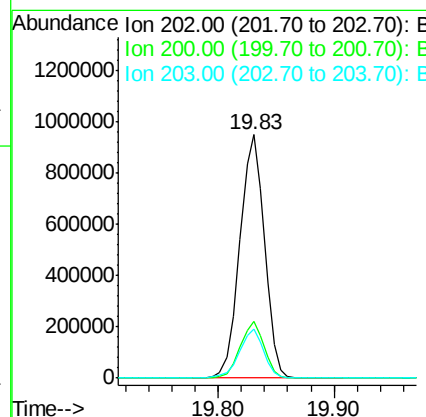
RT: 19.83 min Scan# 2849

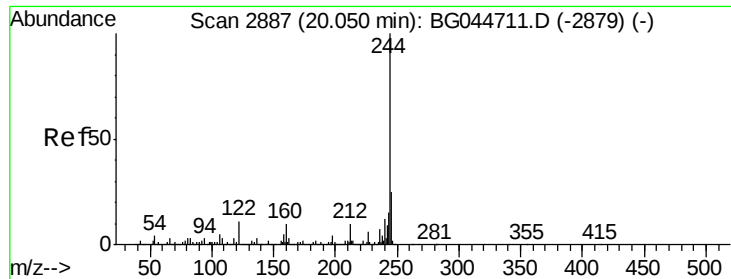
Delta R.T. -0.01 min

Lab File: BG044931.D

Acq: 24 Mar 2020 15:30

Tgt Ion:	202	Resp:	1400717
Ion Ratio		Lower	Upper
202	100		
200	23.1	18.3	27.5
203	19.9	15.6	23.4





#79

Terphenyl-d14

Concen: 77.487 ng

RT: 20.03 min Scan# 2883

Delta R.T. -0.01 min

Lab File: BG044931.D

Acq: 24 Mar 2020 15:30

Instrument :

BNA_G

ClientSampleId :

PB127768BSD

Tot Ion:244 Resp: 2048622

Ion Ratio Lower Upper

244 100

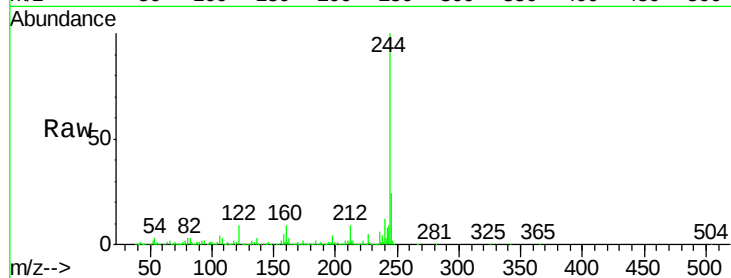
212 9.4 7.7 11.5

122 9.4 8.6 12.8

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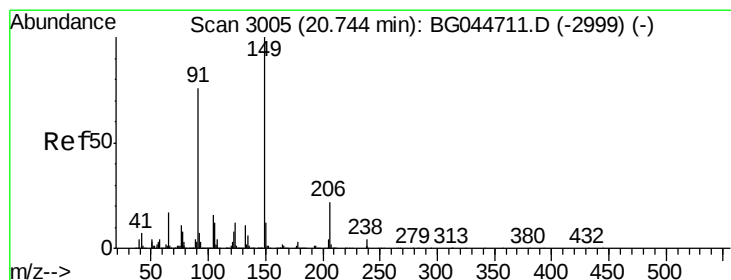
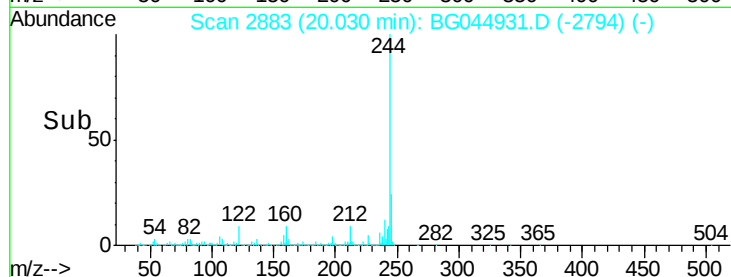
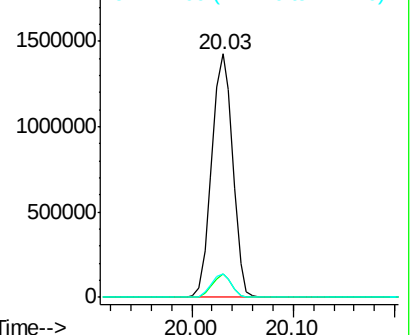
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 35.948 ng

RT: 20.72 min Scan# 3000

Delta R.T. -0.01 min

Lab File: BG044931.D

Acq: 24 Mar 2020 15:30

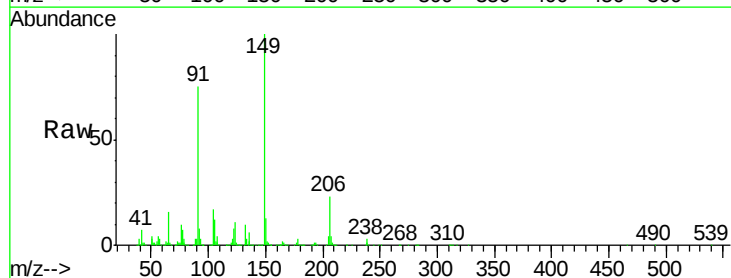
Tgt Ion:149 Resp: 580251

Ion Ratio Lower Upper

149 100

91 75.1 60.2 90.4

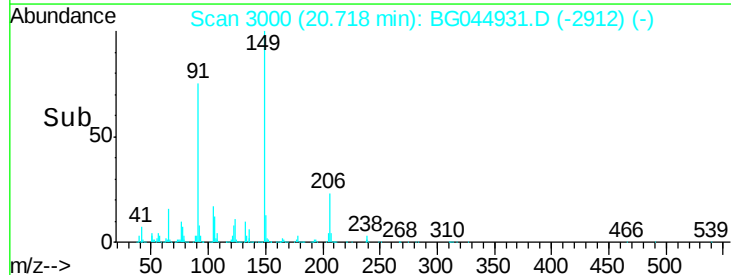
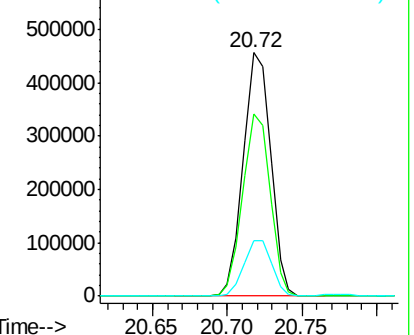
206 22.5 18.6 27.8

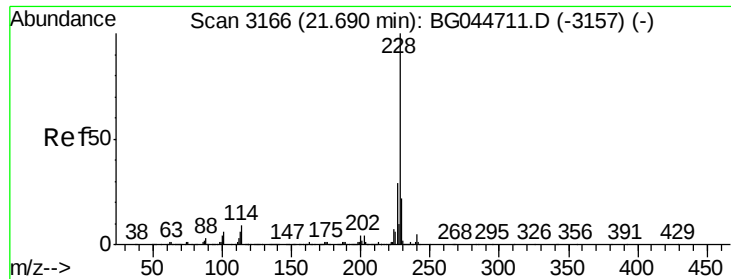


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





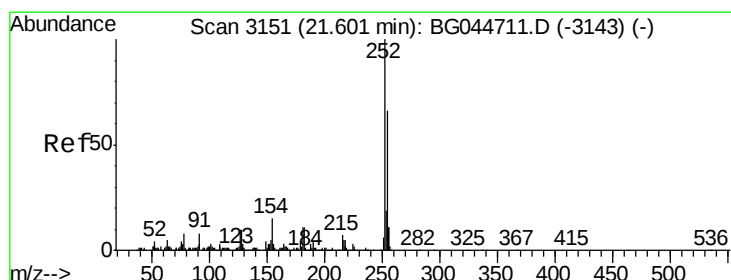
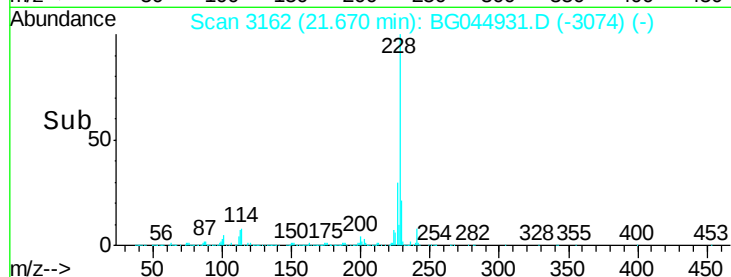
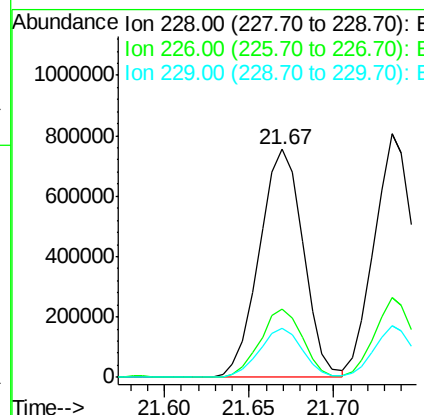
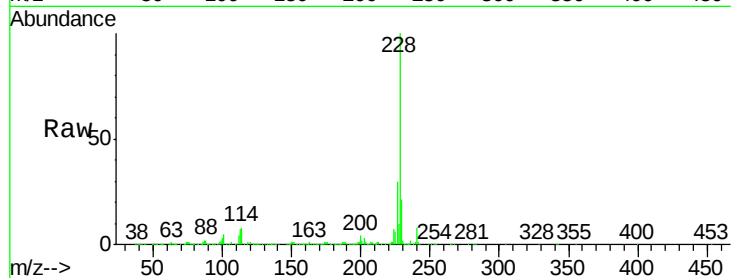
#81
Benzo(a)anthracene
Concen: 38.219 ng
RT: 21.67 min Scan# 3162
Delta R.T. -0.01 min
Lab File: BG044931.D
Acq: 24 Mar 2020 15:30

Instrument :
BNA_G
ClientSampleId :
PB127768BSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.8	23.6	35.4
229	21.4	17.1	25.7

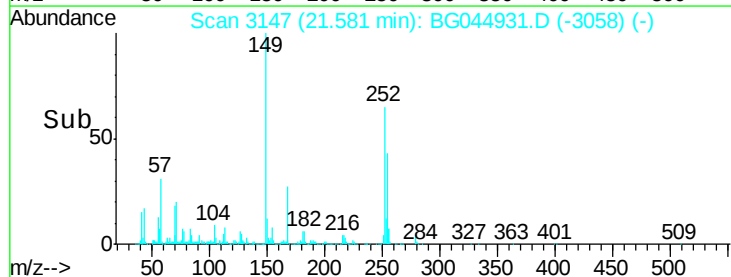
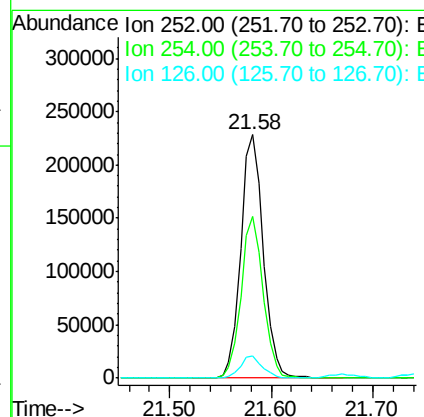
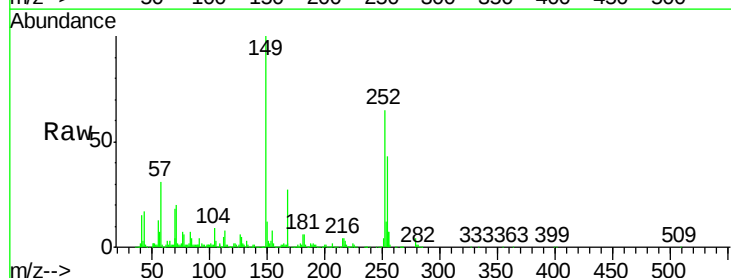
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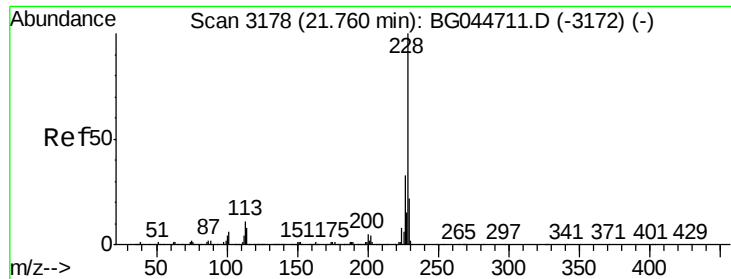
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#82
3,3'-Dichlorobenzidine
Concen: 25.518 ng
RT: 21.58 min Scan# 3147
Delta R.T. -0.01 min
Lab File: BG044931.D
Acq: 24 Mar 2020 15:30

Tgt Ion	Ratio	Lower	Upper
252	100		
254	66.2	51.6	77.4
126	9.3	7.0	10.6





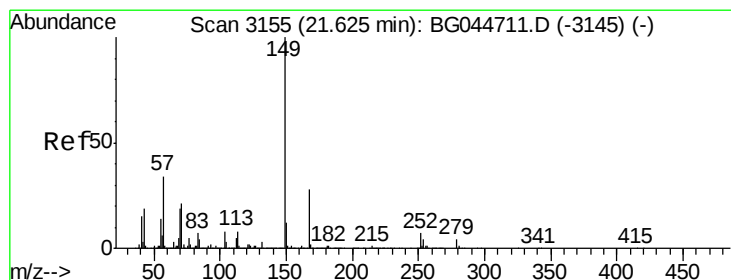
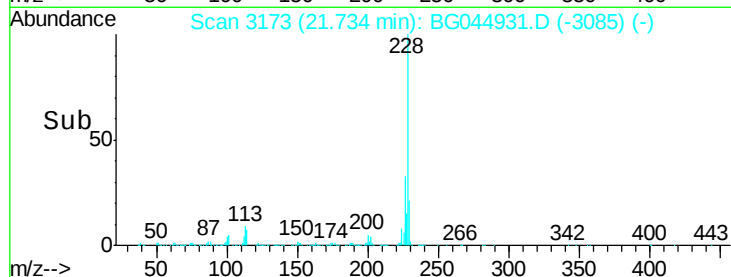
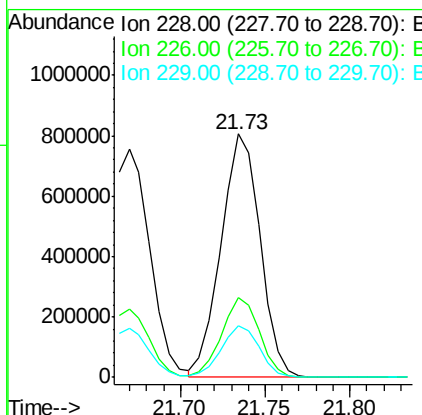
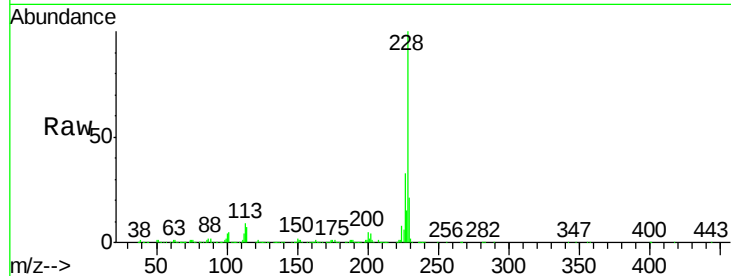
#83
 Chrvsene
 Concen: 38.086 ng
 RT: 21.73 min Scan# 3173
 Delta R.T. -0.01 min
 Lab File: BG044931.D
 Acq: 24 Mar 2020 15:30

Instrument :
 BNA_G
 ClientSampleId :
 PB127768BSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	32.7	25.9	38.9
229	21.3	17.4	26.0

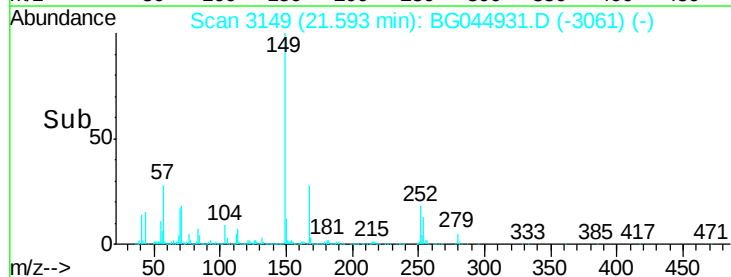
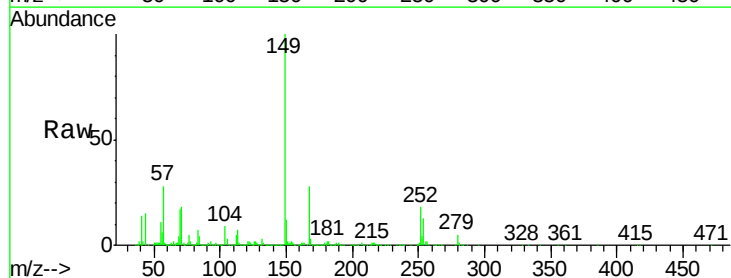
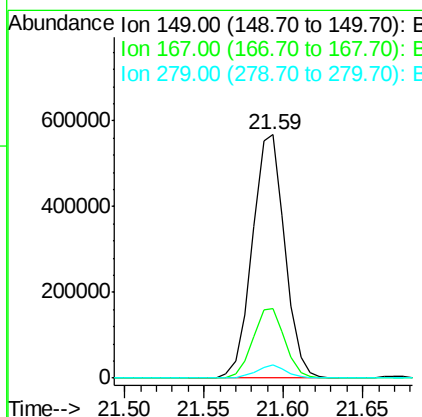
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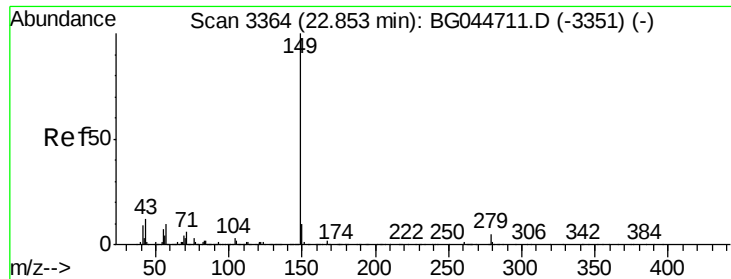
mohammad
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 36.097 ng
 RT: 21.59 min Scan# 3149
 Delta R.T. -0.01 min
 Lab File: BG044931.D
 Acq: 24 Mar 2020 15:30

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.4	21.8	32.6
279	5.3	3.8	5.6





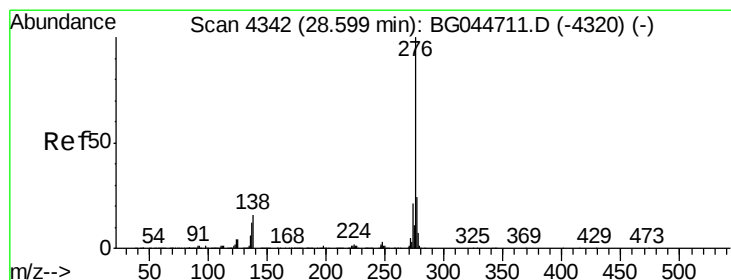
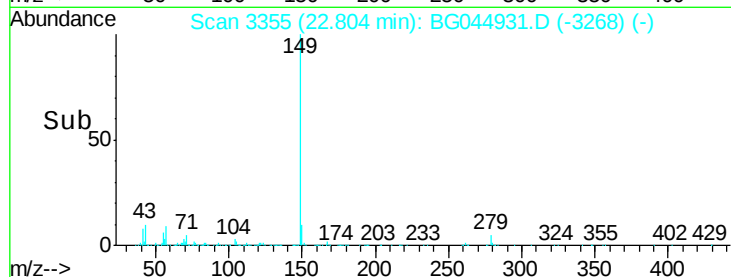
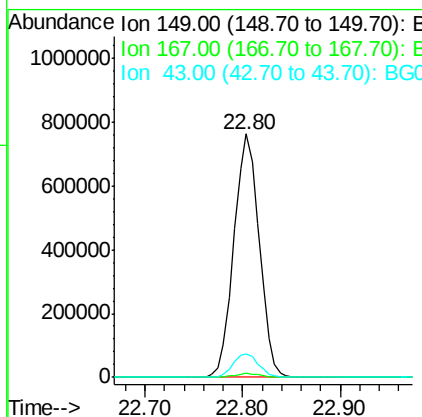
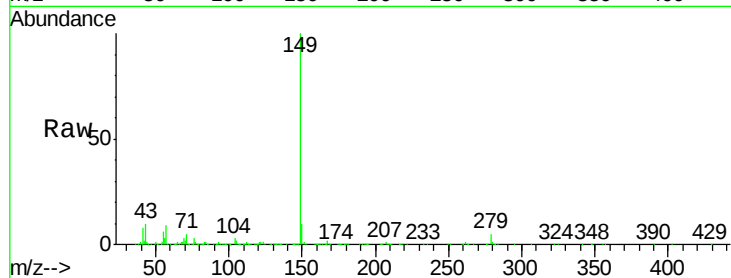
#85
Di-n-octyl phthalate
Concen: 36.949 ng
RT: 22.80 min Scan# 3355
Delta R.T. -0.02 min
Lab File: BG044931.D
Acq: 24 Mar 2020 15:30

Instrument :
BNA_G
ClientSampleId :
PB127768BSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.4	2.0
43	9.8	8.2	12.4

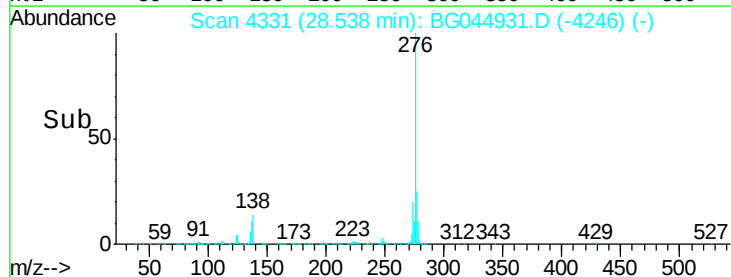
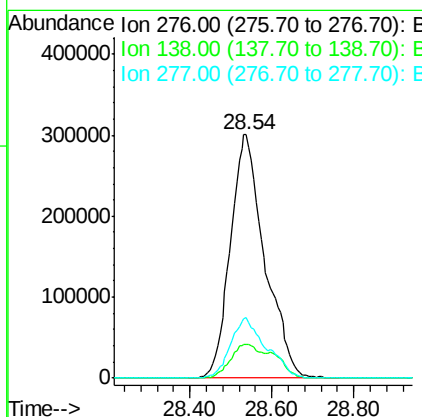
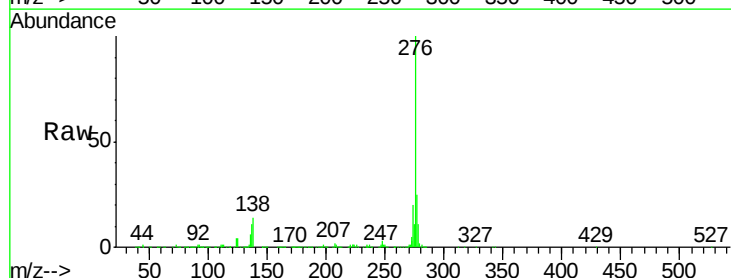
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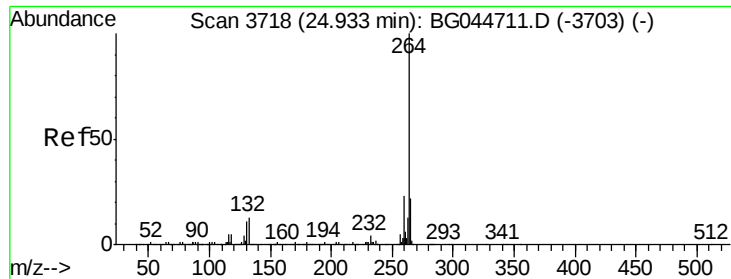
mohammad
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#86
Indeno(1,2,3-cd)pyrene
Concen: 39.211 ng
RT: 28.54 min Scan# 4331
Delta R.T. -0.03 min
Lab File: BG044931.D
Acq: 24 Mar 2020 15:30

Tgt Ion	Ratio	Lower	Upper
276	100		
138	13.1	7.4	11.0#
277	25.7	20.8	31.2





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.89 min Scan# 3710

Delta R.T. -0.02 min

Lab File: BG044931.D

Acq: 24 Mar 2020 15:30

Instrument :

BNA_G

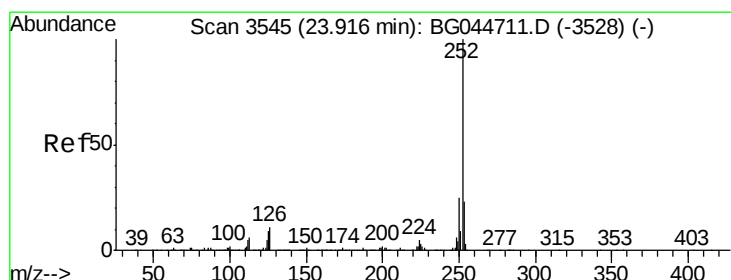
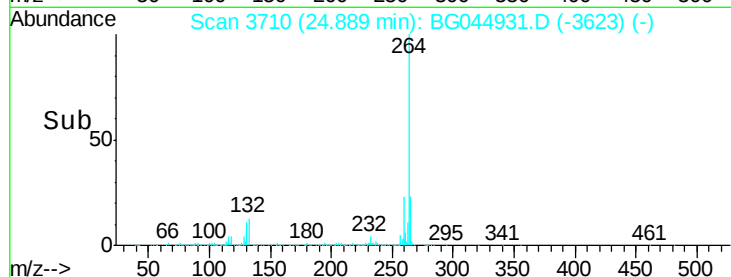
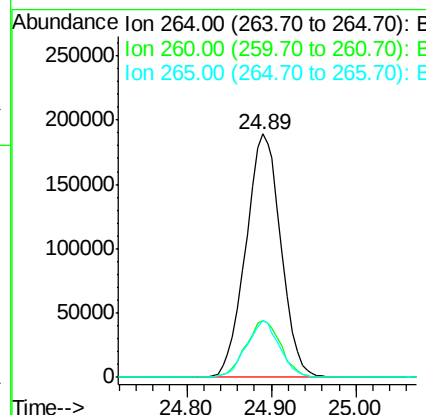
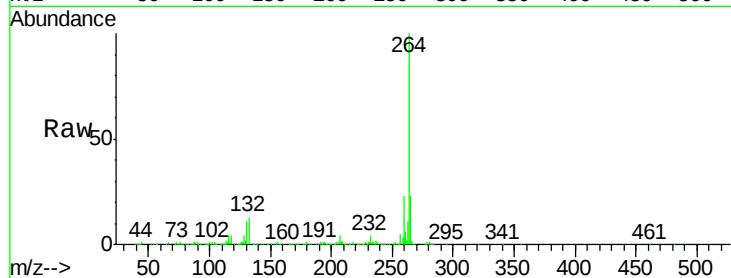
ClientSampleId :

PB127768BSD

Tot Ion:	264	Resp:	545508
Ion Ratio		Lower	Upper
264	100		
260	23.3	18.1	27.1
265	23.1	17.1	25.7

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#88

Benzo(b)fluoranthene

Concen: 41.495 ng

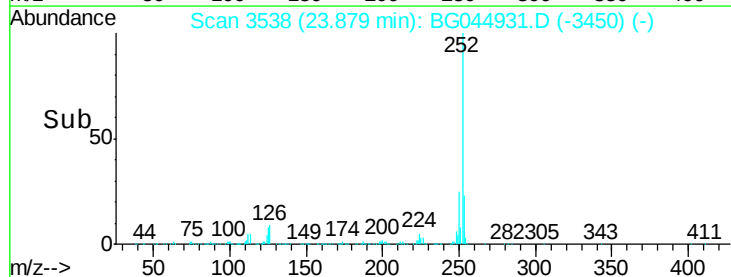
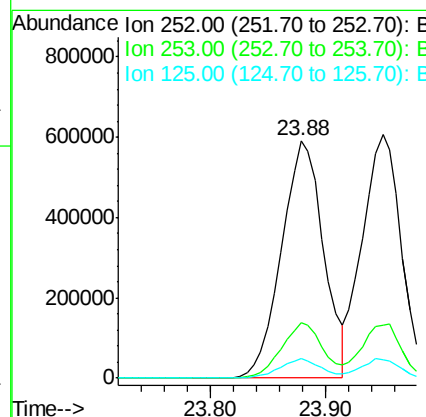
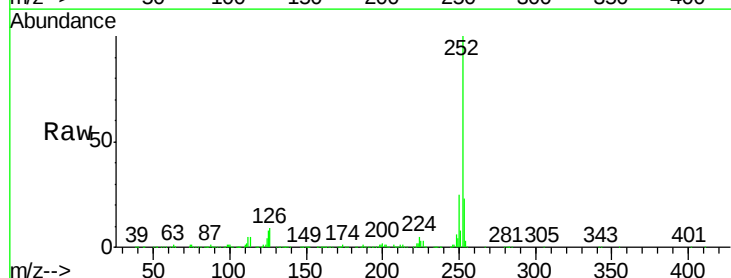
RT: 23.88 min Scan# 3538

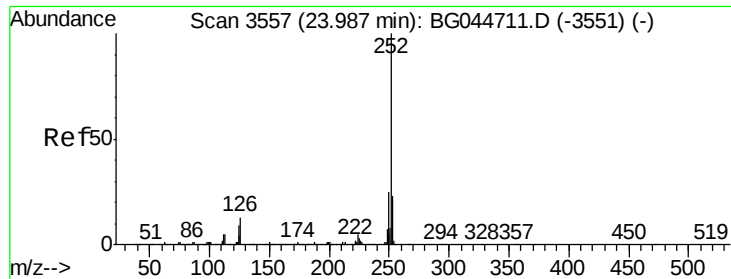
Delta R.T. -0.01 min

Lab File: BG044931.D

Acq: 24 Mar 2020 15:30

Tgt Ion:	252	Resp:	1494359
Ion Ratio		Lower	Upper
252	100		
253	23.4	18.1	27.1
125	8.0	6.6	9.8





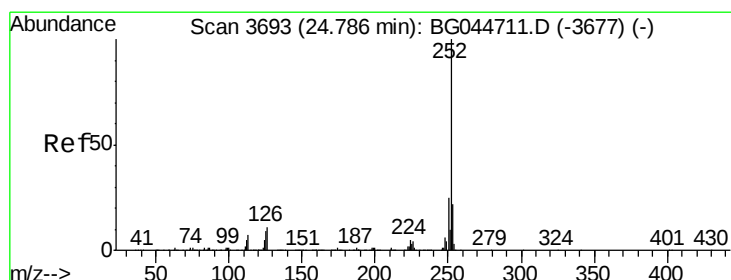
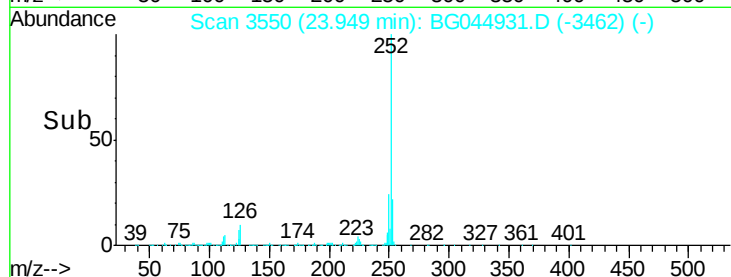
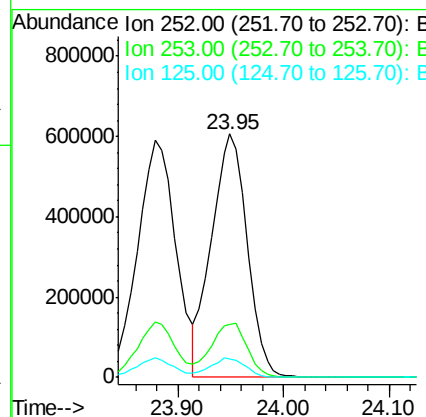
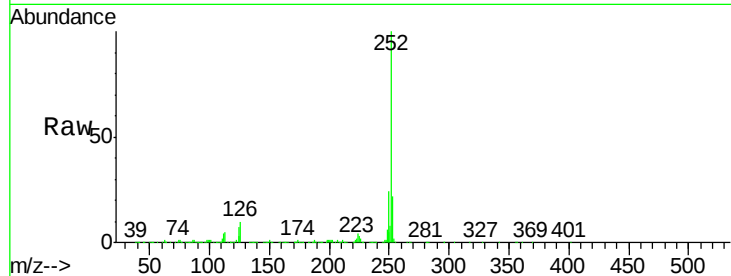
#89
Benzo(k)fluoranthene
Concen: 41.765 ng
RT: 23.95 min Scan# 3550
Delta R.T. -0.01 min
Lab File: BG044931.D
Acq: 24 Mar 2020 15:30

Instrument :
BNA_G
ClientSampleId :
PB127768BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.5	27.7
125	7.3	6.2	9.2

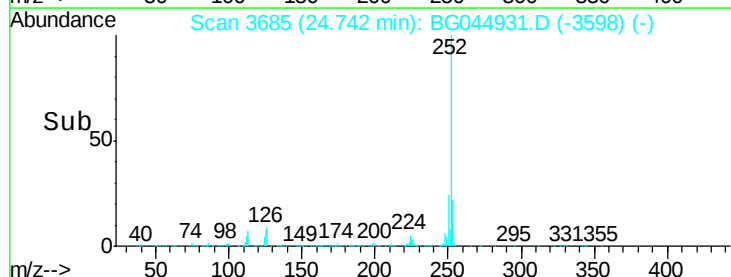
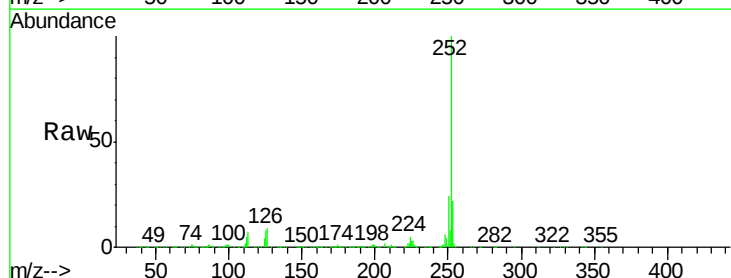
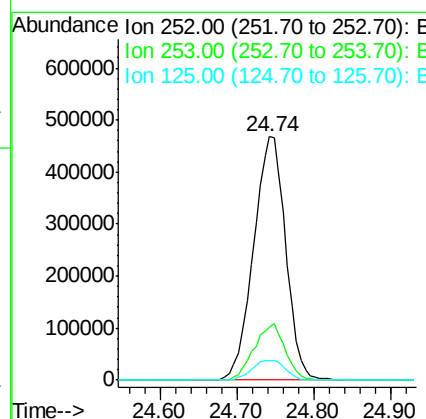
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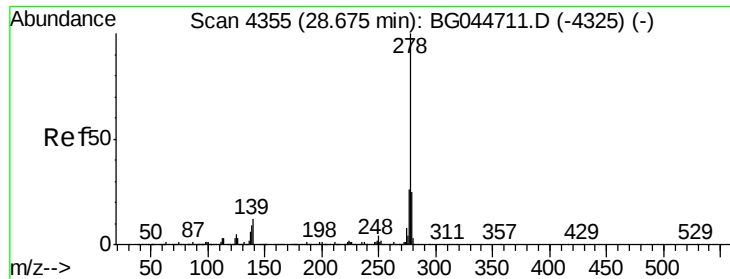
mohammad
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#90
Benzo(a)pyrene
Concen: 40.454 ng
RT: 24.74 min Scan# 3685
Delta R.T. -0.02 min
Lab File: BG044931.D
Acq: 24 Mar 2020 15:30

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	19.4	29.0
125	8.2	7.2	10.8





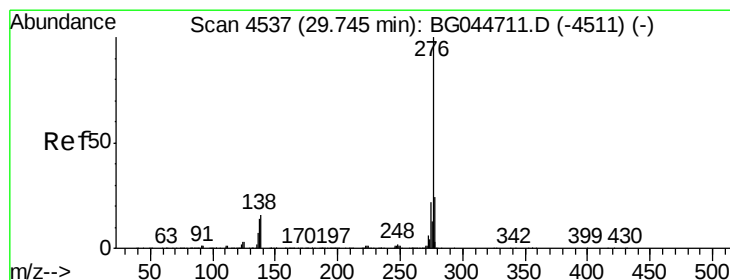
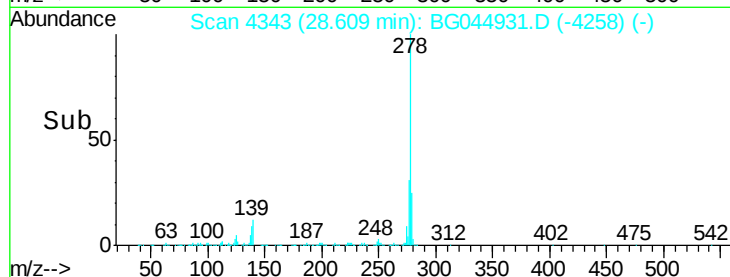
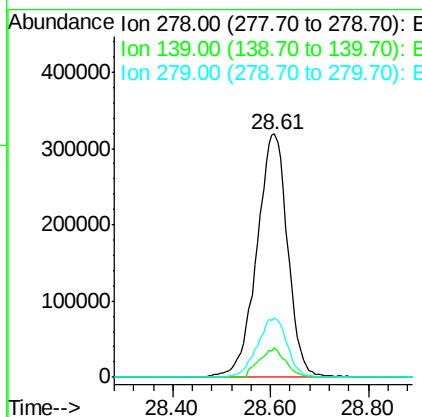
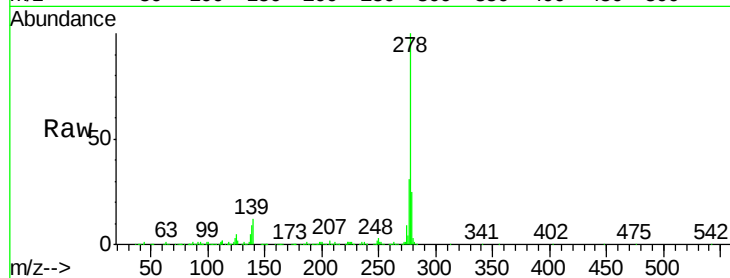
#91
Dibenzo(a,h)anthracene
Concen: 42.300 ng
RT: 28.61 min Scan# 4343
Delta R.T. -0.03 min
Lab File: BG044931.D
Acq: 24 Mar 2020 15:30

Instrument :
BNA_G
ClientSampleId :
PB127768BSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	12.0	10.2	15.2
279	24.6	18.9	28.3

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#92
Benzo(g,h,i)perylene
Concen: 41.924 ng
RT: 29.67 min Scan# 4524
Delta R.T. -0.04 min
Lab File: BG044931.D
Acq: 24 Mar 2020 15:30

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.5	20.1	30.1
138	14.8	13.0	19.6

