

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031020\
 Data File : BG044716.D
 Acq On : 10 Mar 2020 16:33
 Operator : CG/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ICVBG031020

Manual Integrations
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Quant Time: Mar 10 18:15:12 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG031020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 10 16:27:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	106286	20.00	ng	0.01
21) Naphthalene-d8	10.87	136	426478	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	284748	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	632384	20.00	ng	0.00
76) Chrysene-d12	21.71	240	539391	20.00	ng	0.00
87) Perylene-d12	24.94	264	624503	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.63	112	531535	77.85	ng	0.00
7) Phenol-d6	7.22	99	766569	77.27	ng	0.00
23) Nitrobenzene-d5	9.22	82	749947	77.16	ng	0.00
42) 2,4,6-Tribromophenol	16.18	330	288463	77.37	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	1548750	77.89	ng	0.00
79) Terphenyl-d14	20.06	244	2183448	75.72	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.53	88	125618	38.206	ng	99
3) Pyridine	3.93	79	383429	39.393	ng	99
4) n-Nitrosodimethylamine	3.84	42	145931	39.515	ng	90
6) Aniline	7.38	93	476068	38.567	ng	98
8) 2-Chlorophenol	7.63	128	261985	38.438	ng	99
9) Benzaldehyde	7.20	77	227088	36.732	ng	95
10) Phenol	7.24	94	379292	38.620	ng	99
11) bis(2-Chloroethyl)ether	7.48	93	299049	38.153	ng	98
12) 1,3-Dichlorobenzene	7.96	146	319461	38.049	ng	100
13) 1,4-Dichlorobenzene	8.10	146	319223	38.458	ng	98
14) 1,2-Dichlorobenzene	8.42	146	303552	38.560	ng	95
15) Benzyl Alcohol	8.30	79	311728	39.165	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.60	45	521047	37.669	ng	99
17) 2-Methylphenol	8.50	107	257678	38.733	ng	91
18) Hexachloroethane	9.16	117	125380	38.367	ng	97
19) n-Nitroso-di-n-propylamine	8.88	70	270032	38.550	ng	97
20) 3+4-Methylphenols	8.83	107	350190	38.186	ng	99
22) Acetophenone	8.89	105	452722	37.470	ng	# 98
24) Nitrobenzene	9.26	77	387197	38.395	ng	99
25) Isophorone	9.80	82	715388	37.715	ng	99
26) 2-Nitrophenol	9.98	139	132816	39.093	ng	95
27) 2,4-Dimethylphenol	10.04	122	237347	38.424	ng	99
28) bis(2-Chloroethoxy)methane	10.28	93	441431	38.996	ng	97
29) 2,4-Dichlorophenol	10.51	162	279286	38.709	ng	98
30) 1,2,4-Trichlorobenzene	10.74	180	332859	38.583	ng	96
31) Naphthalene	10.93	128	894003	37.842	ng	99
32) Benzoic acid	10.17	122	186366	40.596	ng	99
33) 4-Chloroaniline	11.02	127	399841	37.566	ng	99
34) Hexachlorobutadiene	11.23	225	220053	38.788	ng	99
35) Caprolactam	11.80	113	109762	40.181	ng	94
36) 4-Chloro-3-methylphenol	12.14	107	331442	38.518	ng	98
37) 2-Methylnaphthalene	12.53	142	675265	38.210	ng	98
38) 1-Methylnaphthalene	12.75	142	636122	38.288	ng	96
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	358719	38.253	ng	99

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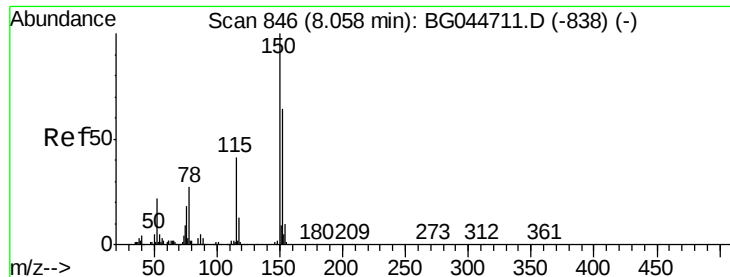
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.89	237	194180	37.889	nq	95
43) 2,4,6-Trichlorophenol	13.13	196	245357	39.425	nq	98
44) 2,4,5-Trichlorophenol	13.20	196	255488	39.585	nq	94
46) 1,1'-Biphenyl	13.53	154	874902	38.449	nq	97
47) 2-Chloronaphthalene	13.58	162	662671	38.122	nq	99
48) 2-Nitroaniline	13.76	65	237908	39.093	nq	98
49) Acenaphthylene	14.42	152	1038576	38.137	nq	99
50) Dimethylphthalate	14.15	163	874856	38.576	nq	99
51) 2,6-Dinitrotoluene	14.26	165	181018	39.598	nq	99
52) Acenaphthene	14.76	154	685227	38.421	nq	98
53) 3-Nitroaniline	14.59	138	203993	38.814	nq	98
54) 2,4-Dinitrophenol	14.79	184	78561	37.789	nq	93
55) Dibenzofuran	15.10	168	1000903	38.700	nq	99
56) 4-Nitrophenol	14.89	139	160831	40.097	nq	93
57) 2,4-Dinitrotoluene	15.04	165	248495	39.635	nq	97
58) Fluorene	15.74	166	808648	38.009	nq	100
59) 2,3,4,6-Tetrachlorophenol	15.32	232	232990m	39.210	nq	
60) Diethylphthalate	15.52	149	905492	38.281	nq	99
61) 4-Chlorophenyl-phenylether	15.74	204	430711	37.598	nq	100
62) 4-Nitroaniline	15.75	138	213822	38.154	nq	98
63) Azobenzene	16.03	77	929124	37.825	nq	99
65) 4,6-Dinitro-2-methylphenol	15.81	198	109178	38.509	nq	92
66) n-Nitrosodiphenylamine	15.95	169	724079	38.031	nq	99
67) 4-Bromophenyl-phenylether	16.63	248	301292	38.111	nq	96
68) Hexachlorobenzene	16.75	284	322601	37.613	nq	98
69) Atrazine	16.90	200	272459	39.060	nq	98
70) Pentachlorophenol	17.09	266	188543	39.953	nq	99
71) Phenanthrene	17.48	178	1289806	38.167	nq	100
72) Anthracene	17.58	178	1275866	38.289	nq	99
73) Carbazole	17.84	167	1212364	37.876	nq	99
74) Di-n-butylphthalate	18.42	149	1503691	38.645	nq	99
75) Fluoranthene	19.49	202	1541400	38.308	nq	98
77) Benzidine	19.66	184	671280	38.335	nq	97
78) Pyrene	19.85	202	1543692	39.008	nq	99
80) Butylbenzylphthalate	20.74	149	686500	38.994	nq	97
81) Benzo(a)anthracene	21.70	228	1470496	37.860	nq	99
82) 3,3'-Dichlorobenzidine	21.61	252	565258	37.619	nq	100
83) Chrysene	21.76	228	1422501	38.341	nq	99
84) Bis(2-ethylhexyl)phthalate	21.63	149	941098	38.732	nq	98
85) Di-n-octyl phthalate	22.86	149	1598207	39.307	nq	99
86) Indeno(1,2,3-cd)pyrene	28.61	276	1799810	37.002	nq	99
88) Benzo(b)fluoranthene	23.92	252	1554805	37.712	nq	99
89) Benzo(k)fluoranthene	23.99	252	1523590	39.050	nq	99
90) Benzo(a)pyrene	24.79	252	1486493	38.533	nq	98
91) Dibenzo(a,h)anthracene	28.69	278	1437577	37.772	nq	98
92) Benzo(g,h,i)perylene	29.74	276	1437953	37.396	nq	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.07 min Scan# 848

Delta R.T. 0.01 min

Lab File: BG044716.D

Acq: 10 Mar 2020 16:33

Instrument :

BNA_G

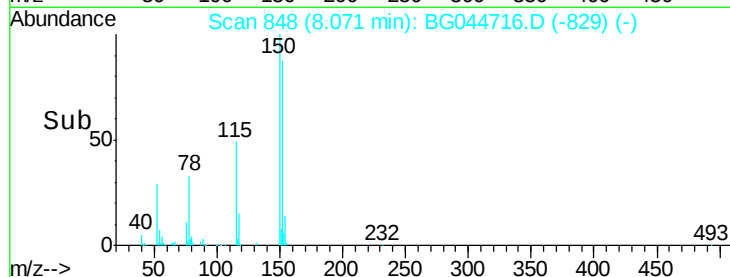
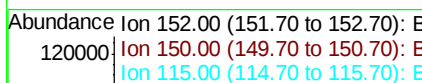
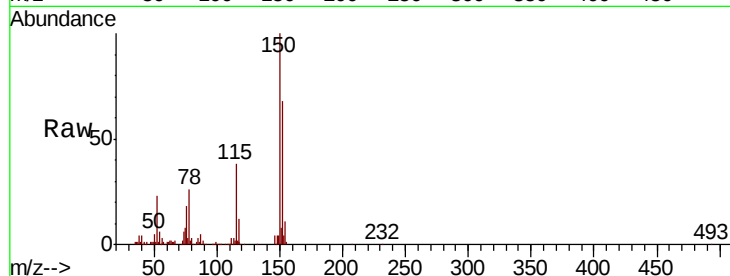
ClientSampleId :

ICVBG031020

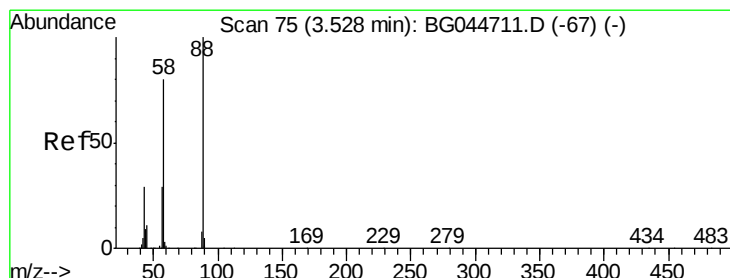
Tot Ion:	152	Resp:	106286
Ion Ratio	Lower	Upper	
152	100		
150	146.3	125.3	187.9
115	55.8	51.7	77.5

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Time-->



#2

1,4-Dioxane

Concen: 38.206 ng

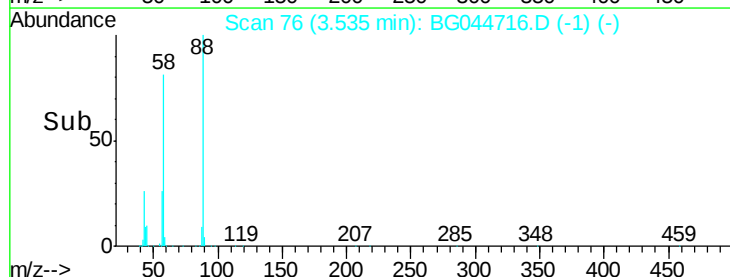
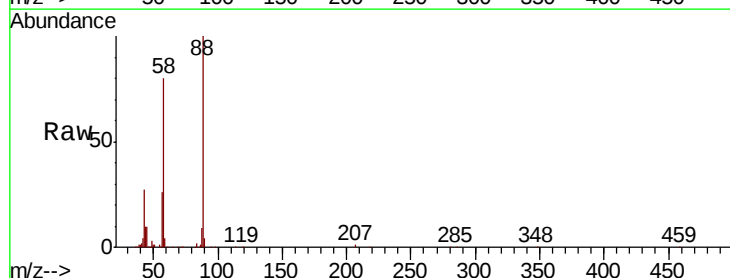
RT: 3.53 min Scan# 76

Delta R.T. 0.01 min

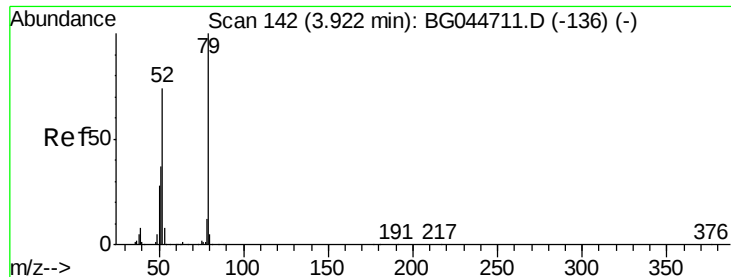
Lab File: BG044716.D

Acq: 10 Mar 2020 16:33

Tgt Ion:	88	Resp:	125618
Ion Ratio	Lower	Upper	
88	100		
58	79.7	63.0	94.4
43	29.1	23.2	34.8



Time-->



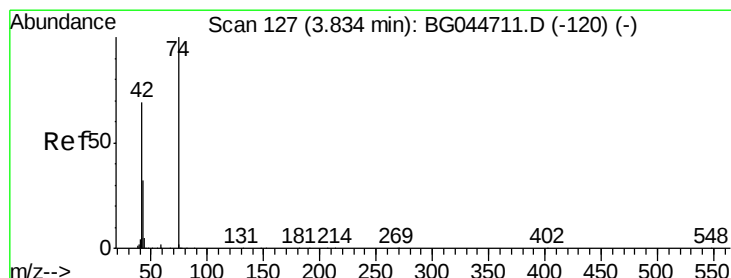
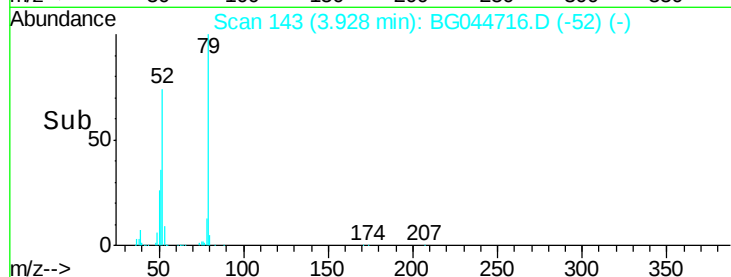
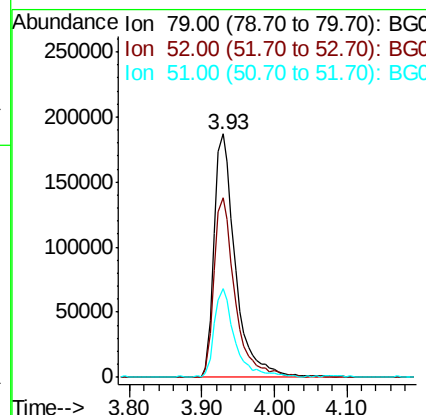
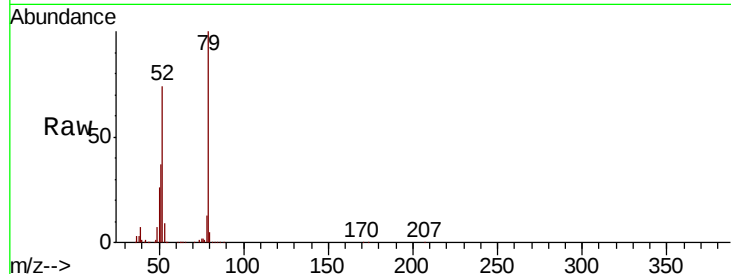
#3
 Pvridine
 Concen: 39.393 ng
 RT: 3.93 min Scan# 143
 Delta R.T. 0.01 min
 Lab File: BG044716.D
 Acq: 10 Mar 2020 16:33

Instrument :
 BNA_G
 ClientSampleId :
 ICVBG031020

Tot Ion	Ratio	Lower	Upper
79	100		
52	73.5	59.4	89.2
51	36.6	29.7	44.5

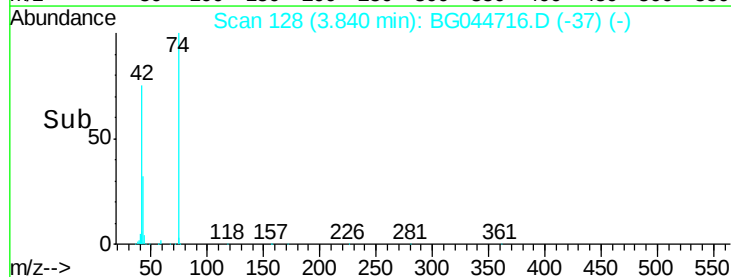
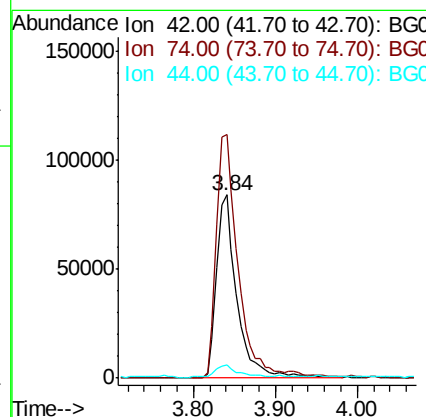
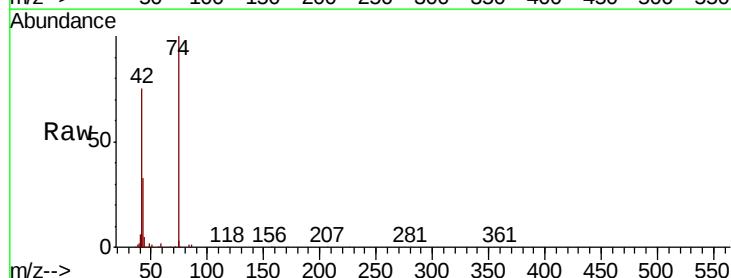
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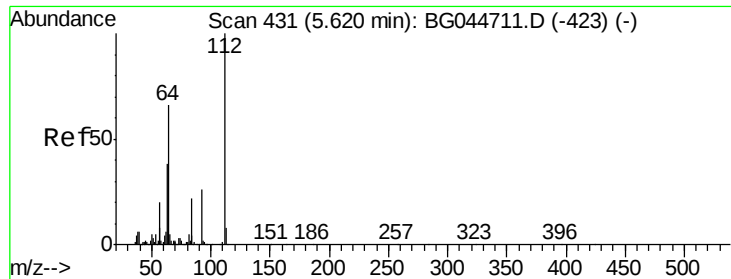
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#4
 n-Nitrosodimethylamine
 Concen: 39.515 ng
 RT: 3.84 min Scan# 128
 Delta R.T. 0.01 min
 Lab File: BG044716.D
 Acq: 10 Mar 2020 16:33

Tgt Ion	Ratio	Lower	Upper
42	100		
74	132.8	116.1	174.1
44	7.2	7.1	10.7





#5

2-Fluorophenol

Concen: 77.850 ng

RT: 5.63 min Scan# 432

Delta R.T. 0.01 min

Lab File: BG044716.D

Acq: 10 Mar 2020 16:33

Instrument :

BNA_G

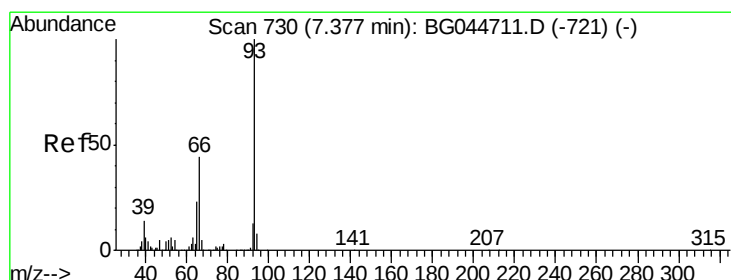
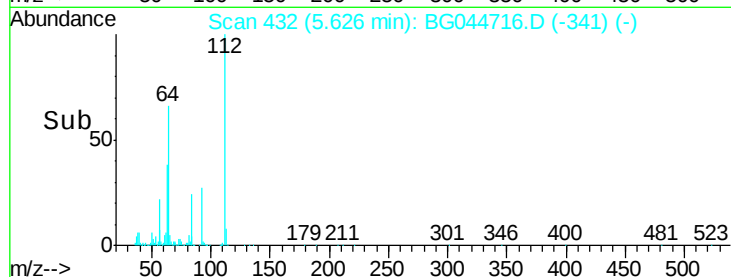
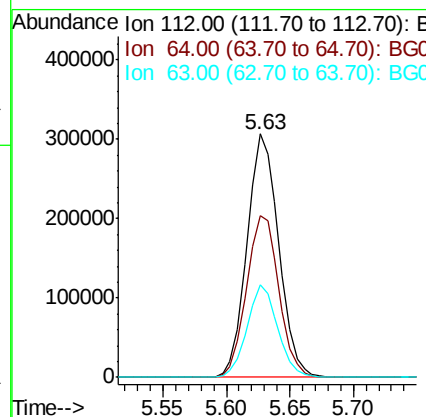
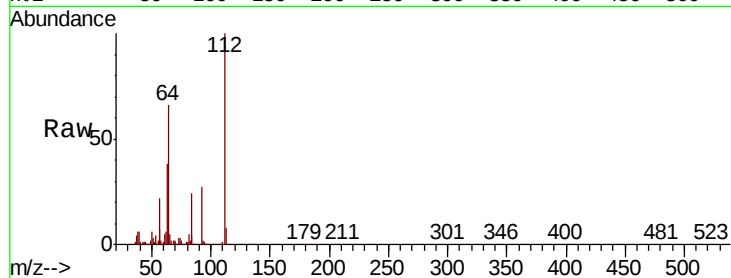
ClientSampleId :

ICVBG031020

Tot Ion:	112	Resp:	531535
Ion Ratio	Lower	Upper	
112	100		
64	66.5	52.6	78.8
63	38.0	30.2	45.4

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#6

Aniline

Concen: 38.567 ng

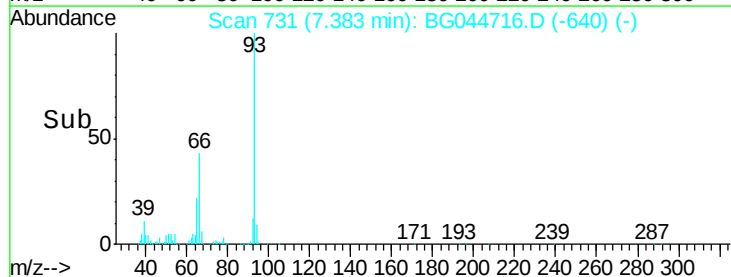
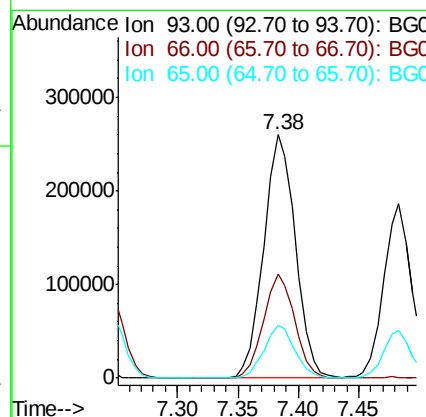
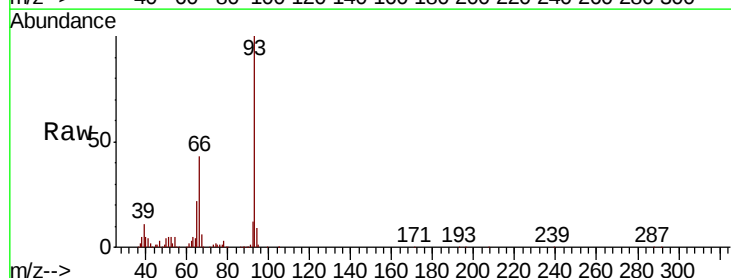
RT: 7.38 min Scan# 731

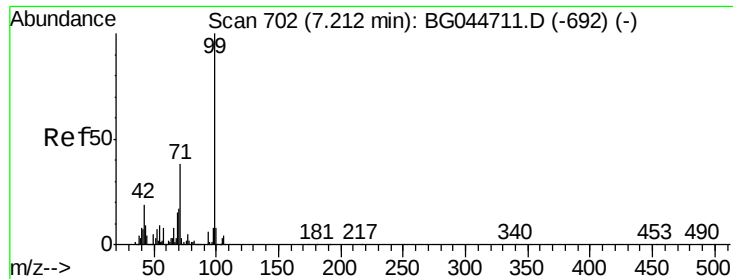
Delta R.T. 0.01 min

Lab File: BG044716.D

Acq: 10 Mar 2020 16:33

Tgt Ion:	93	Resp:	476068
Ion Ratio	Lower	Upper	
93	100		
66	42.8	35.3	52.9
65	21.6	18.2	27.4





#7

Phenol-d6

Concen: 77.274 ng

RT: 7.22 min Scan# 703

Delta R.T. 0.01 min

Lab File: BG044716.D

Acq: 10 Mar 2020 16:33

Instrument :

BNA_G

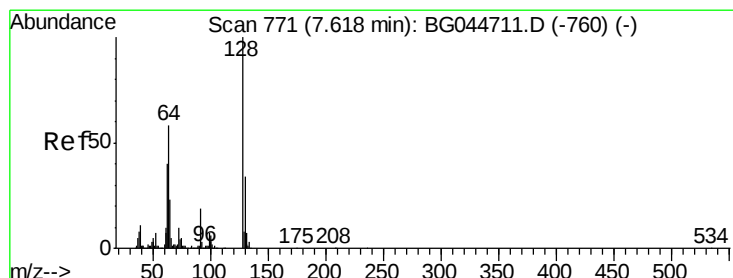
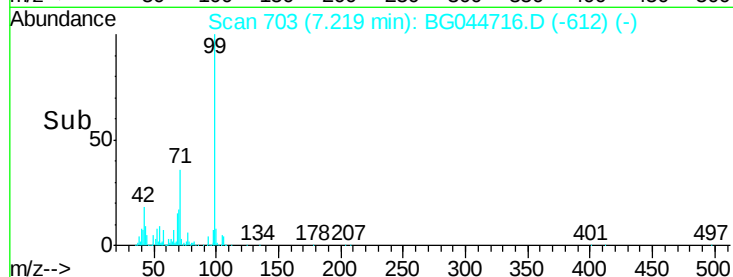
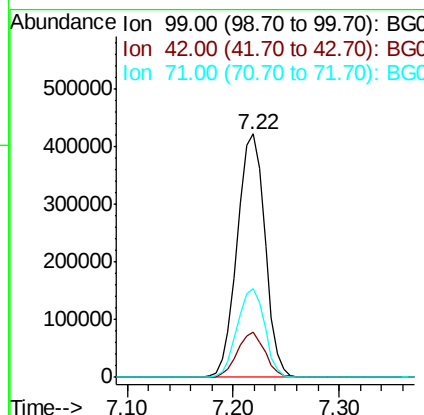
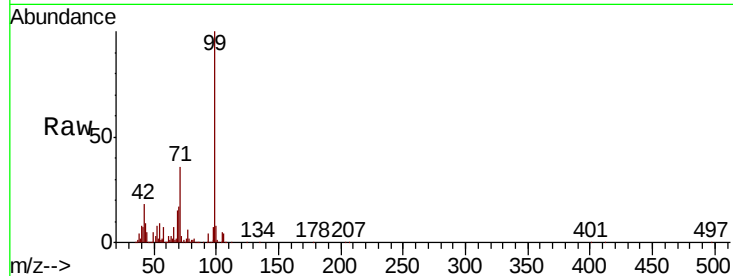
ClientSampleId :

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Tot Ion:	99	Resp:	766569
Ion	Ratio	Lower	Upper
99	100		
42	18.4	15.4	23.0
71	36.3	30.2	45.4

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#8

2-Chlorophenol

Concen: 38.438 ng

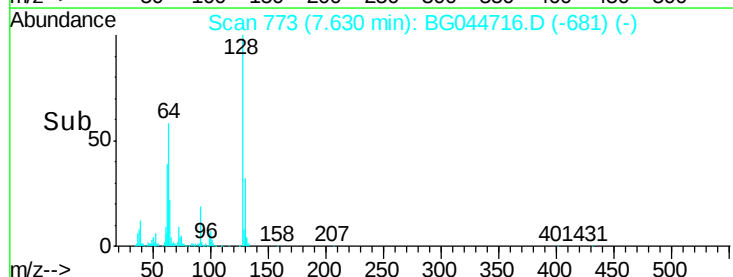
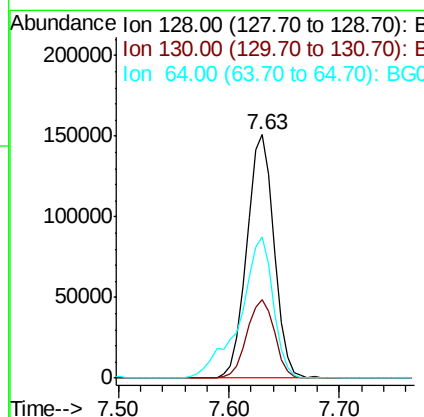
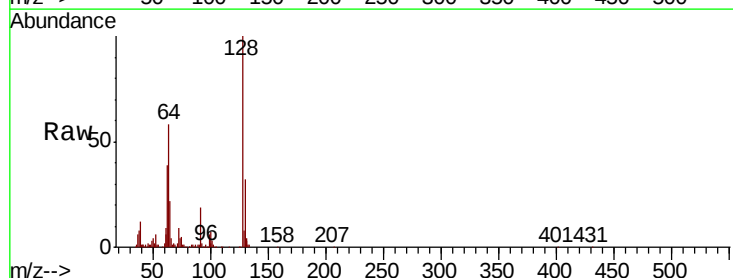
RT: 7.63 min Scan# 773

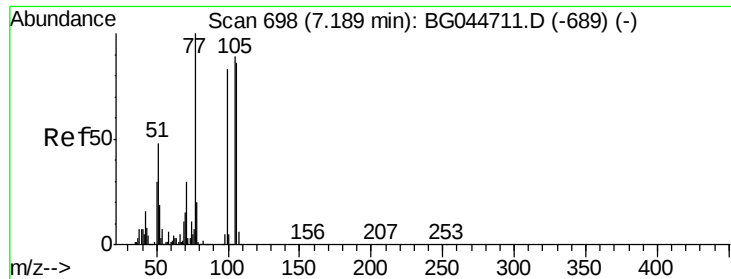
Delta R.T. 0.01 min

Lab File: BG044716.D

Acq: 10 Mar 2020 16:33

Tgt Ion:	128	Resp:	261985
Ion	Ratio	Lower	Upper
128	100		
130	32.3	13.6	53.6
64	58.2	38.6	78.6





#9

Benzaldehyde

Concen: 36.732 ng

RT: 7.20 min Scan# 699

Delta R.T. 0.01 min

Lab File: BG044716.D

Acq: 10 Mar 2020 16:33

Instrument :

BNA_G

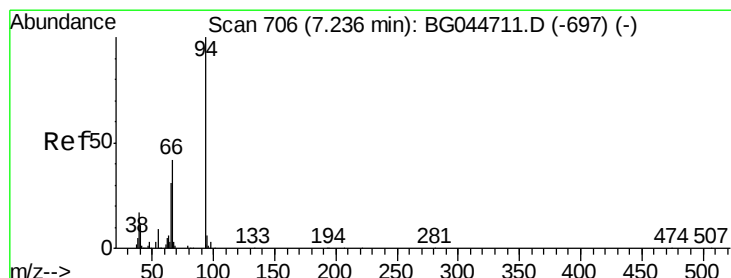
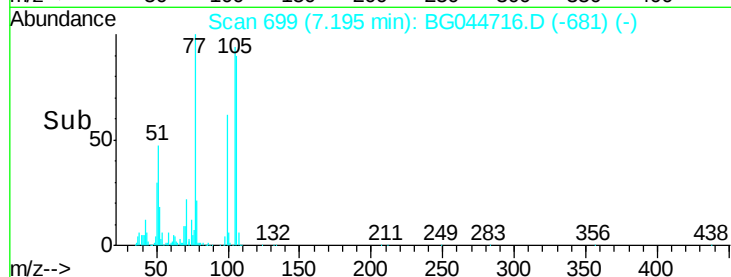
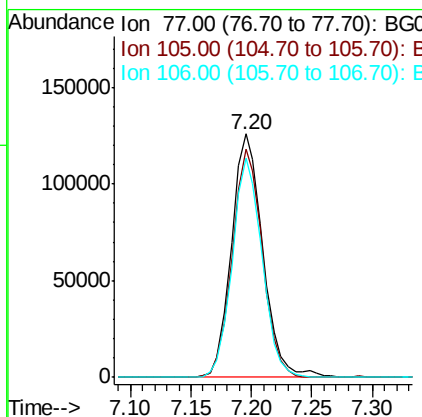
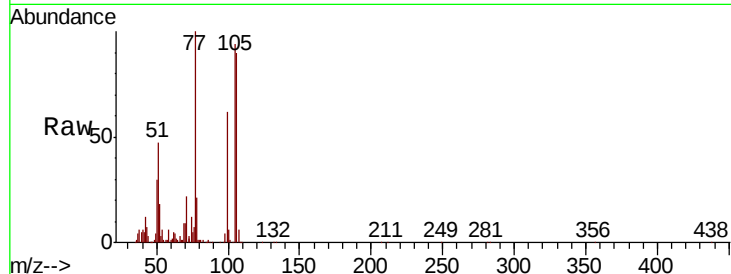
ClientSampleId :

ICVBG031020

Tot Ion:	77	Resp:	227088
Ion	Ratio	Lower	Upper
77	100		
105	93.7	68.6	108.6
106	90.2	65.9	105.9

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#10

Phenol

Concen: 38.620 ng

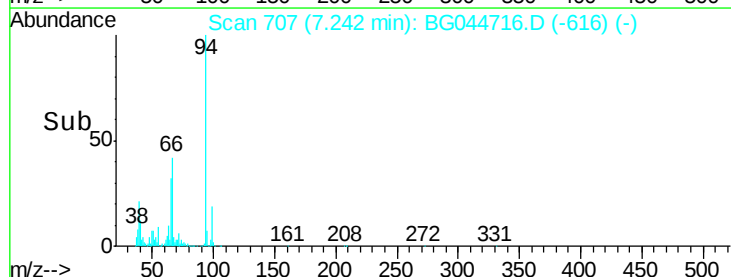
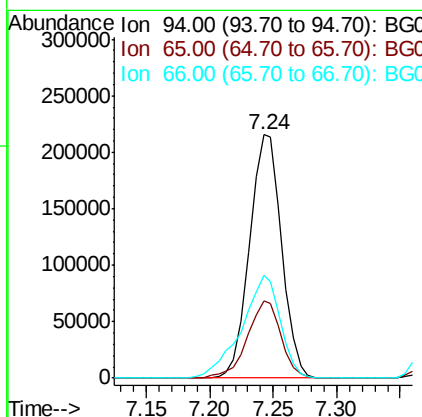
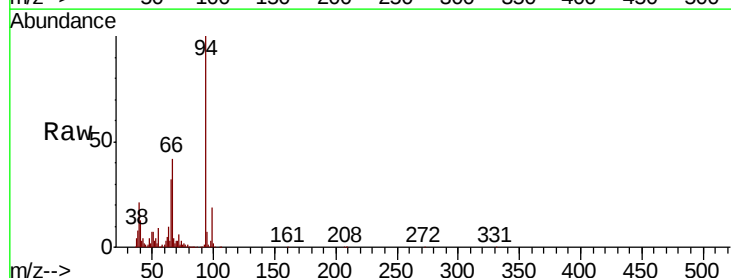
RT: 7.24 min Scan# 707

Delta R.T. 0.01 min

Lab File: BG044716.D

Acq: 10 Mar 2020 16:33

Tgt Ion:	94	Resp:	379292
Ion	Ratio	Lower	Upper
94	100		
65	31.7	11.3	51.3
66	42.1	22.9	62.9





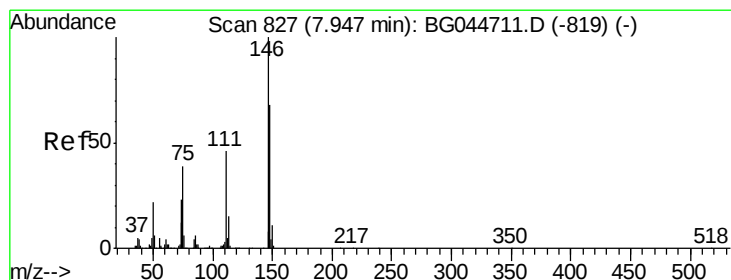
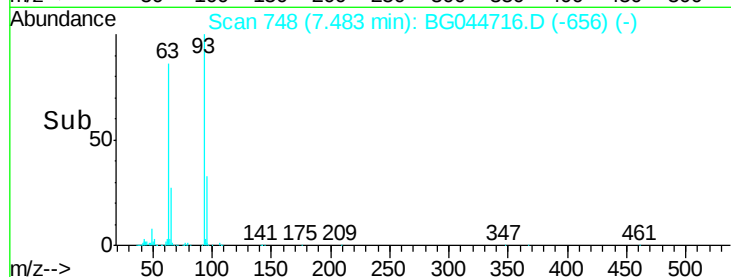
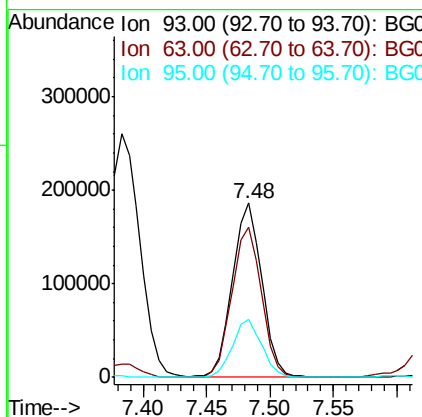
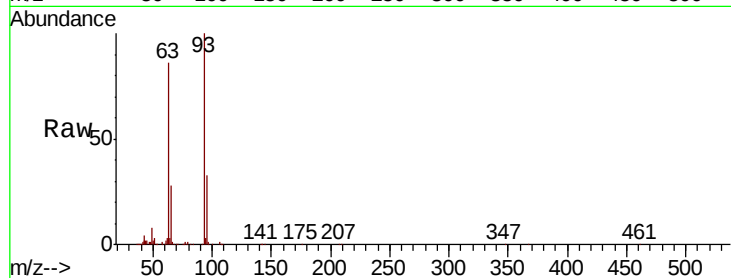
#11
bis(2-Chloroethyl)ether
Concen: 38.153 ng
RT: 7.48 min Scan# 748
Delta R.T. 0.01 min
Lab File: BG044716.D
Acq: 10 Mar 2020 16:33

Instrument :
BNA_G
ClientSampleId :
ICVBG031020

Tot Ion	Ratio	Lower	Upper
93	100		
63	86.2	68.1	108.1
95	33.2	12.4	52.4

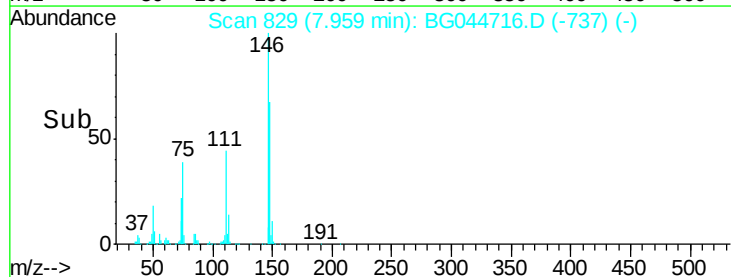
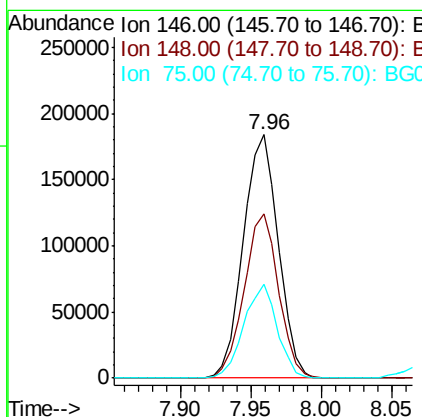
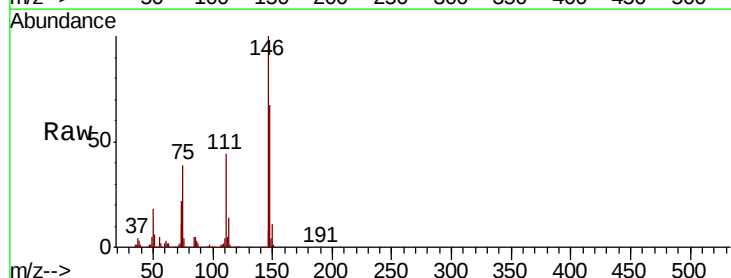
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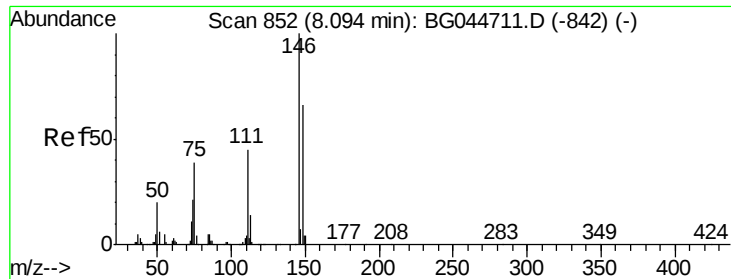
mohammad
3/11/2020 4:57:02 PM



#12
1,3-Dichlorobenzene
Concen: 38.049 ng
RT: 7.96 min Scan# 829
Delta R.T. 0.01 min
Lab File: BG044716.D
Acq: 10 Mar 2020 16:33

Tgt Ion	Ratio	Lower	Upper
146	100		
148	67.5	54.2	81.2
75	38.7	31.3	46.9





#13

1,4-Dichlorobenzene

Concen: 38.458 ng

RT: 8.10 min Scan# 853

Delta R.T. 0.01 min

Lab File: BG044716.D

Acq: 10 Mar 2020 16:33

Instrument :

BNA_G

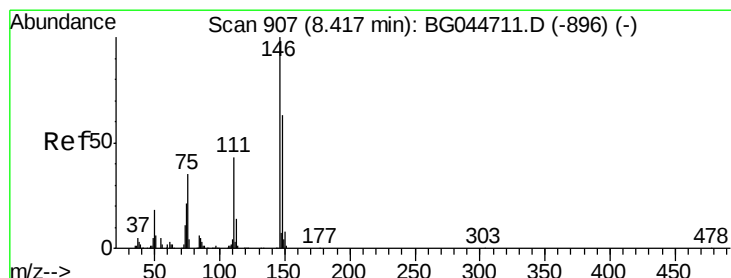
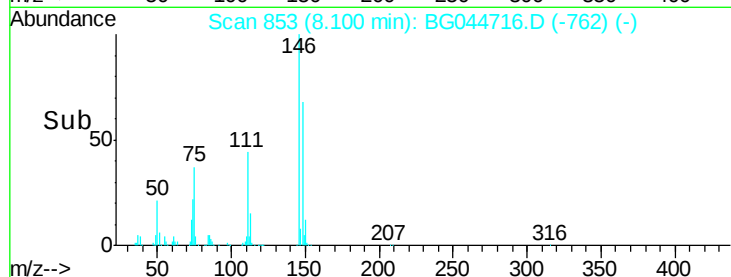
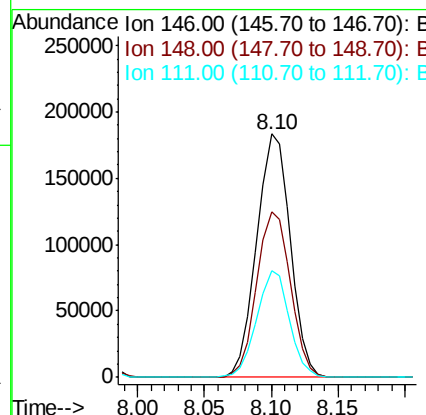
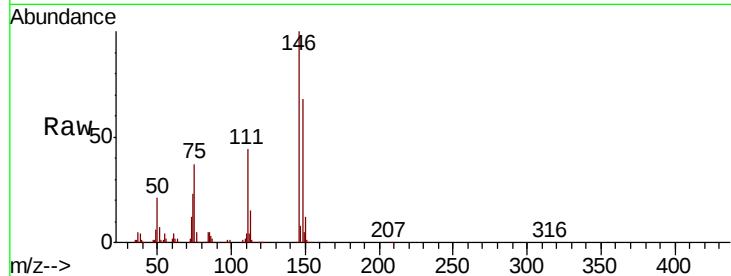
ClientSampleId :

ICVBG031020

Tot Ion:	146	Resp:	319223
Ion Ratio	Lower	Upper	
146	100		
148	67.9	52.9	79.3
111	43.8	35.6	53.4

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#14

1,2-Dichlorobenzene

Concen: 38.560 ng

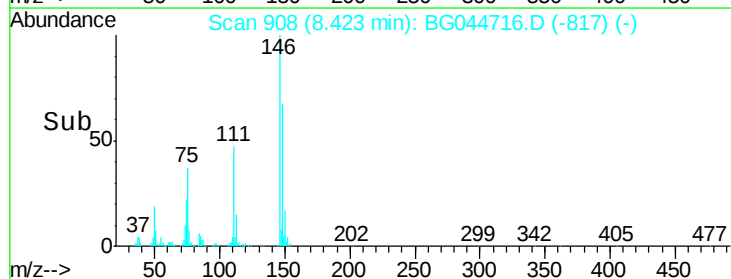
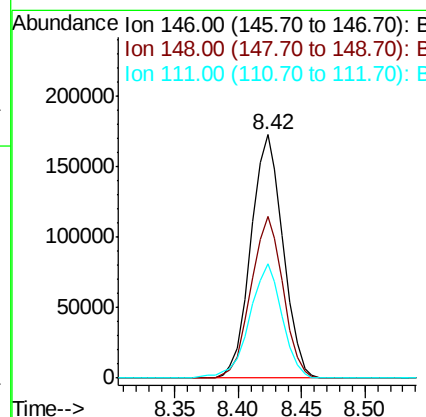
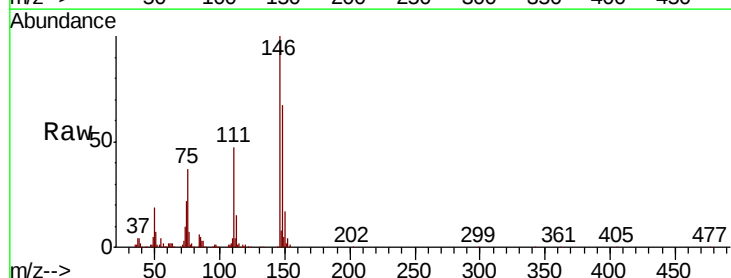
RT: 8.42 min Scan# 908

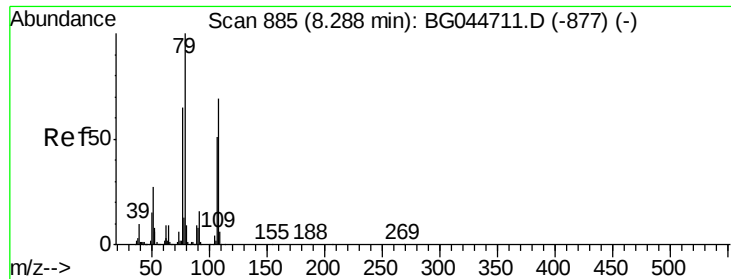
Delta R.T. 0.01 min

Lab File: BG044716.D

Acq: 10 Mar 2020 16:33

Tgt Ion:	146	Resp:	303552
Ion Ratio	Lower	Upper	
146	100		
148	66.6	50.8	76.2
111	47.2	34.8	52.2





#15

Benzyl Alcohol

Concen: 39.165 ng

RT: 8.30 min Scan# 887

Delta R.T. 0.01 min

Lab File: BG044716.D

Acq: 10 Mar 2020 16:33

Instrument :

BNA_G

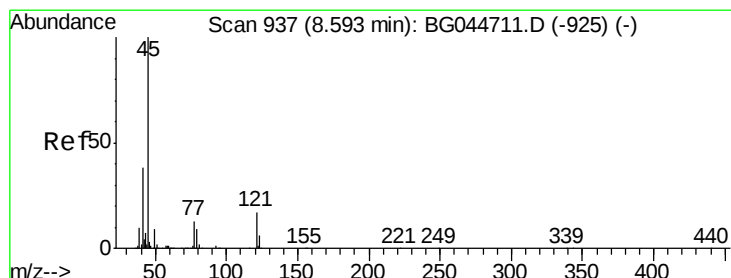
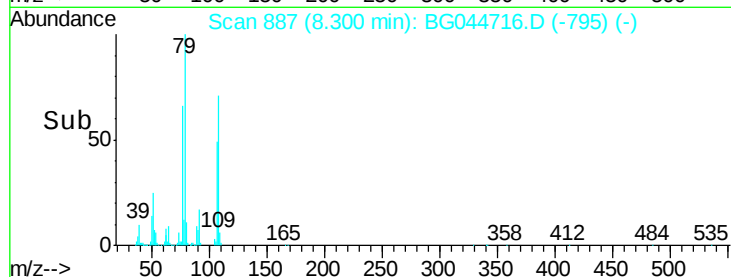
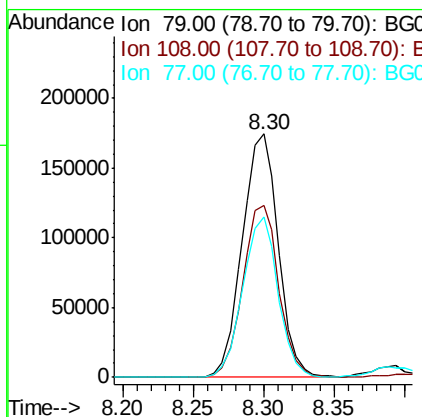
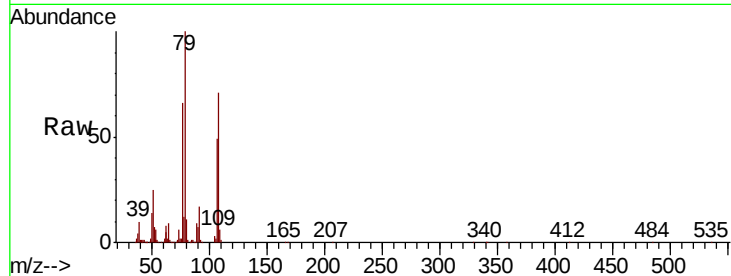
ClientSampleId :

ICVBG031020

Tot Ion:	79	Resp:	311728
Ion Ratio	Lower	Upper	
79	100		
108	70.6	55.4	83.0
77	65.9	52.2	78.4

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.669 ng

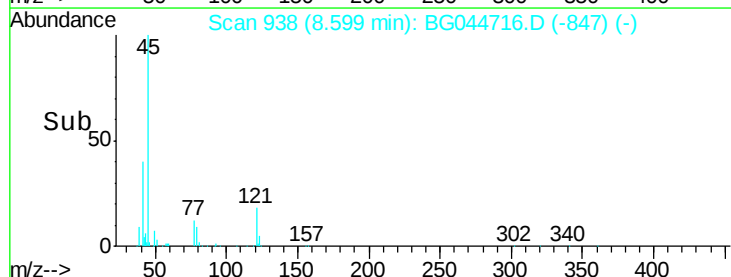
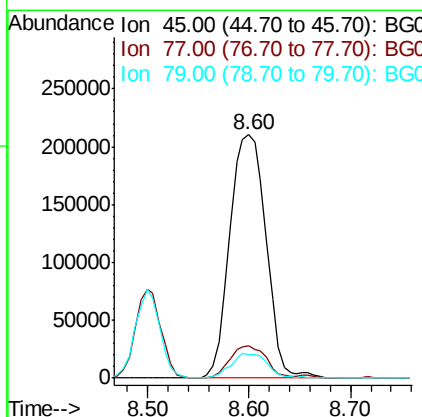
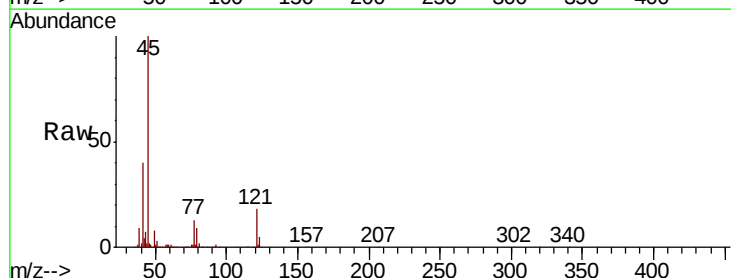
RT: 8.60 min Scan# 938

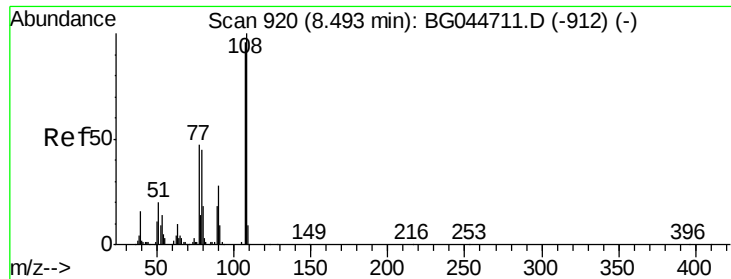
Delta R.T. 0.01 min

Lab File: BG044716.D

Acq: 10 Mar 2020 16:33

Tgt Ion:	45	Resp:	521047
Ion Ratio	Lower	Upper	
45	100		
77	13.5	0.0	33.4
79	9.4	0.0	30.0





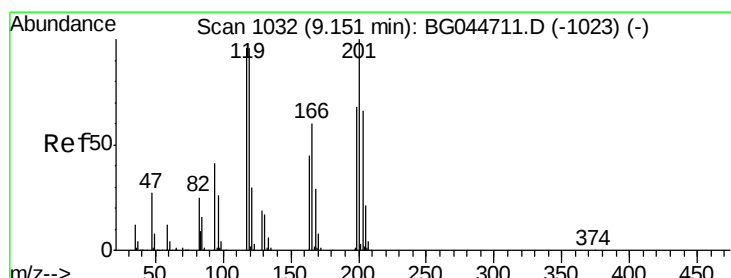
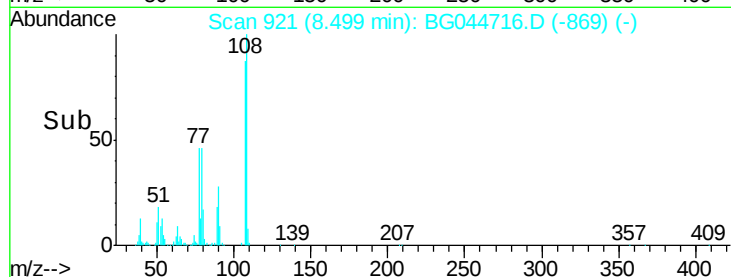
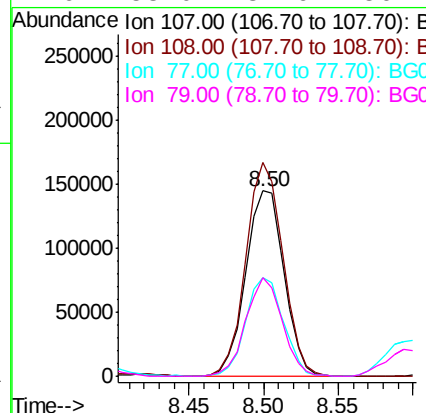
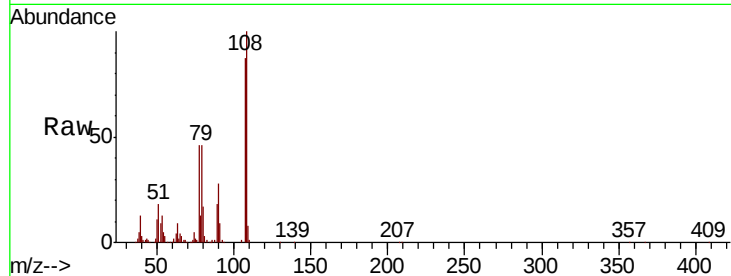
#17
2-Methylphenol
Concen: 38.733 ng
RT: 8.50 min Scan# 921
Delta R.T. 0.01 min
Lab File: BG044716.D
Acq: 10 Mar 2020 16:33

Instrument :
BNA_G
ClientSampleId :
ICVBG031020

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	115.2	83.2	124.8	
77	53.3	39.0	58.6	
79	53.0	37.6	56.4	

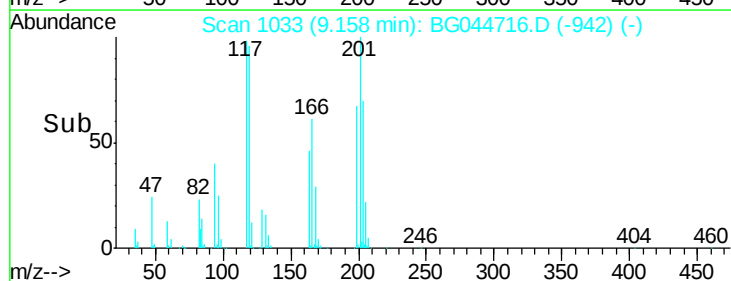
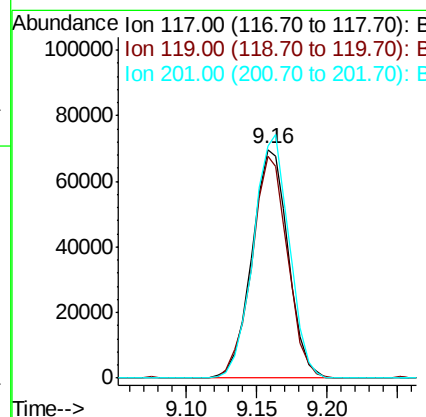
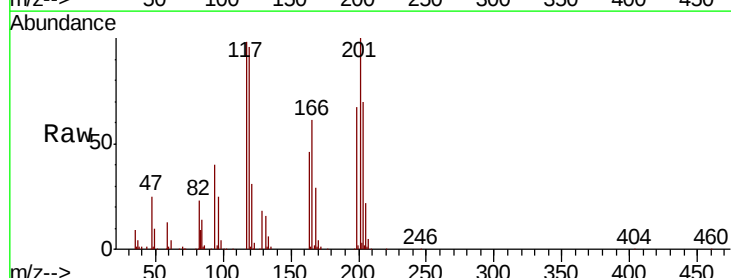
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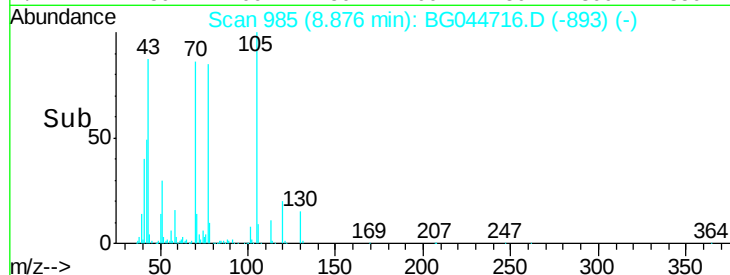
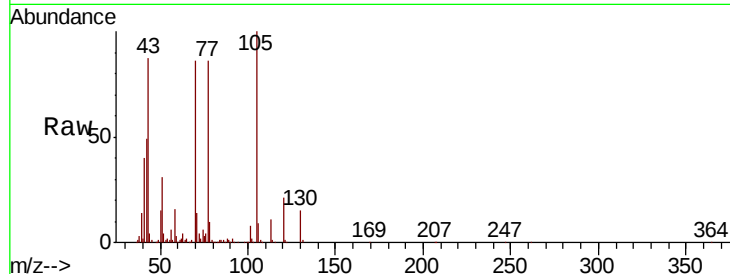
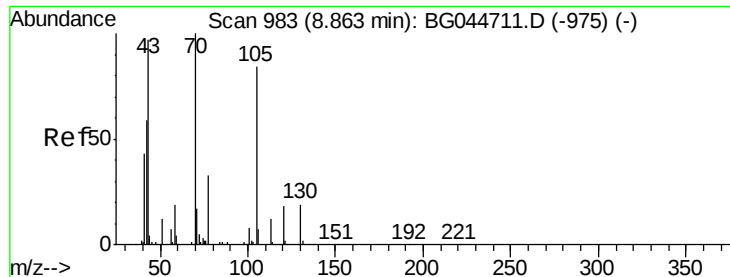
mohammad
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#18
Hexachloroethane
Concen: 38.367 ng
RT: 9.16 min Scan# 1033
Delta R.T. 0.01 min
Lab File: BG044716.D
Acq: 10 Mar 2020 16:33

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	97.3	80.2	120.4	
201	101.7	83.4	125.2	





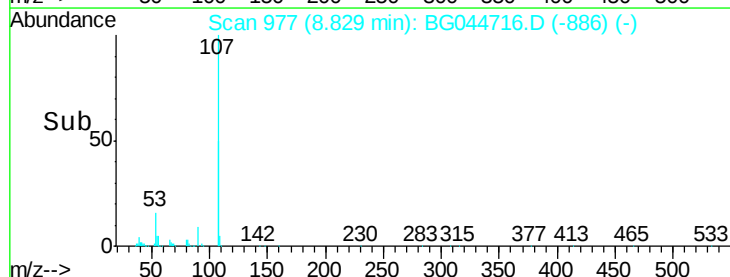
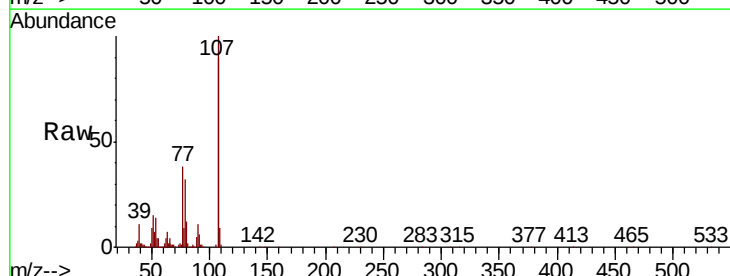
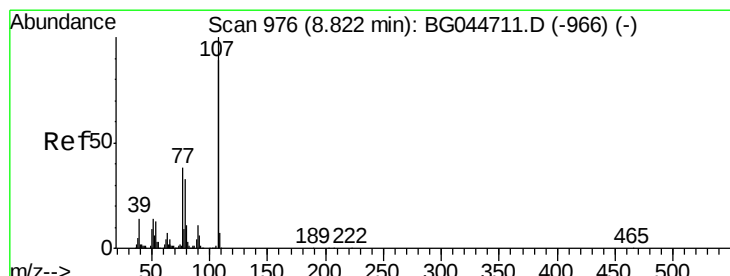
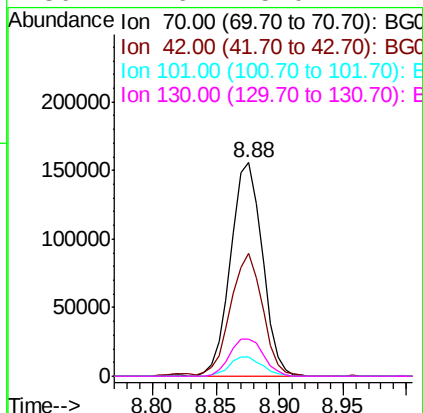
#19
n-Nitroso-di-n-propylamine
Concen: 38.550 ng
RT: 8.88 min Scan# 985
Delta R.T. 0.01 min
Lab File: BG044716.D
Acq: 10 Mar 2020 16:33

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		270032		
42	57.7	47.6	71.4		
101	9.2	6.5	9.7		
130	17.6	15.0	22.4		

Instrument :
BNA_G
ClientSampleId :
ICVBG031020

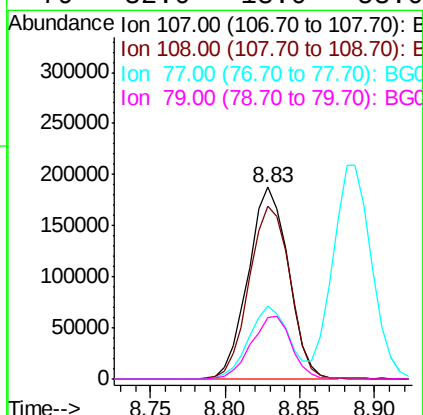
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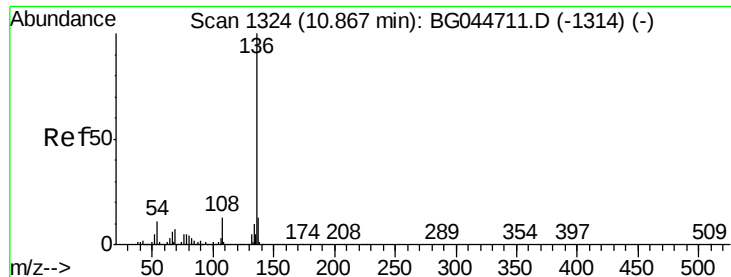
mohammad
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#20
3+4-Methylphenols
Concen: 38.186 ng
RT: 8.83 min Scan# 977
Delta R.T. 0.01 min
Lab File: BG044716.D
Acq: 10 Mar 2020 16:33

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		350190		
108	90.2	69.1	109.1		
77	38.2	17.7	57.7		
79	32.0	13.0	53.0		





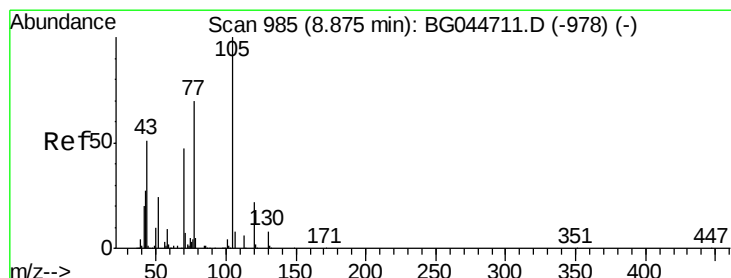
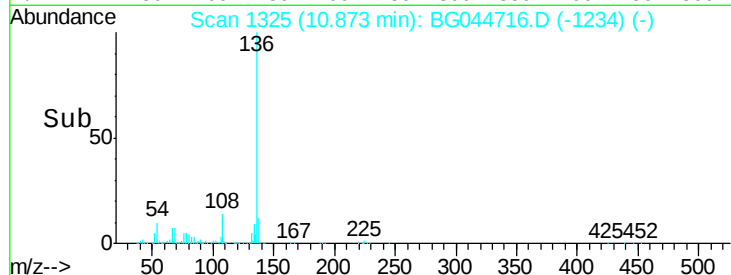
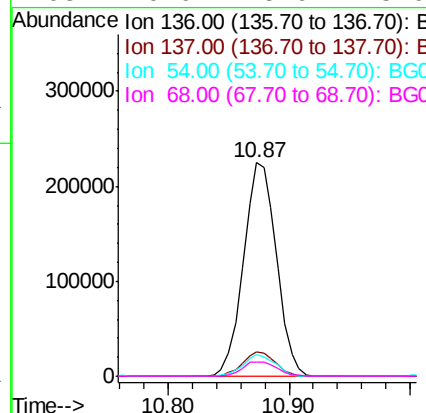
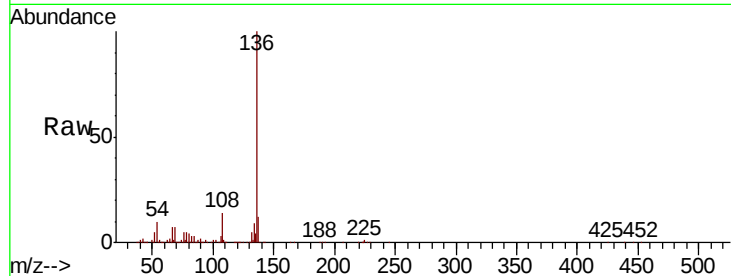
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1325
Delta R.T. 0.01 min
Lab File: BG044716.D
Acq: 10 Mar 2020 16:33

Instrument :
BNA_G
ClientSampleId :
ICVBG031020

Tot Ion	Ratio	Lower	Upper
136	100		
137	11.7	10.7	16.1
54	10.0	9.0	13.4
68	6.9	5.9	8.9

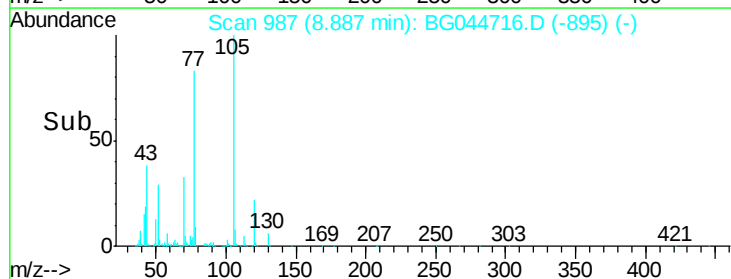
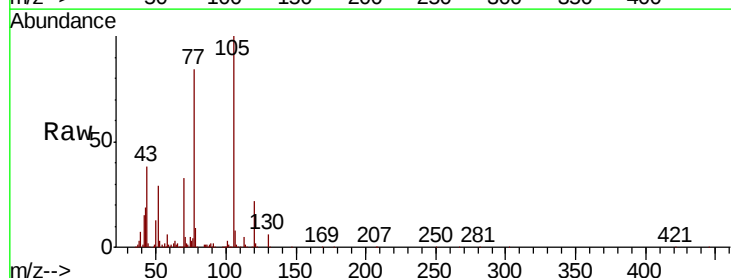
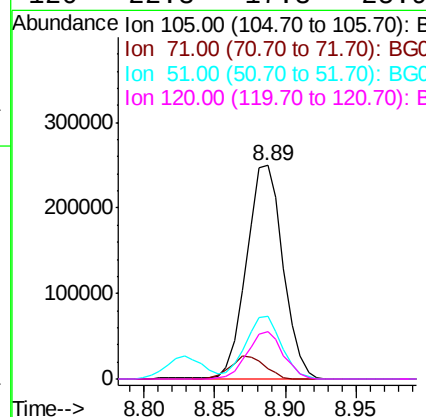
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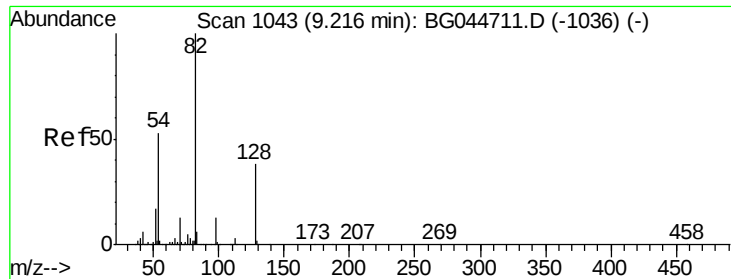
mohammad
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#22
Acetophenone
Concen: 37.470 ng
RT: 8.89 min Scan# 987
Delta R.T. 0.01 min
Lab File: BG044716.D
Acq: 10 Mar 2020 16:33

Tgt Ion	Ratio	Lower	Upper
105	100		
71	4.7	5.8	8.8#
51	29.5	23.8	35.8
120	22.3	17.3	25.9





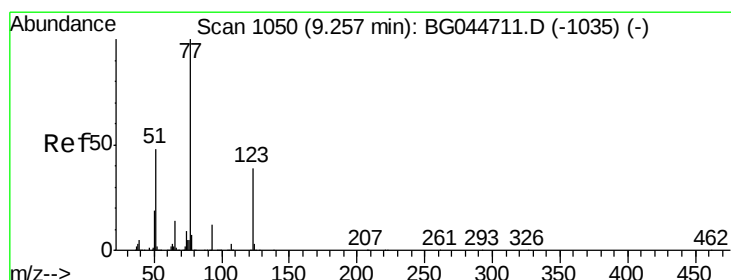
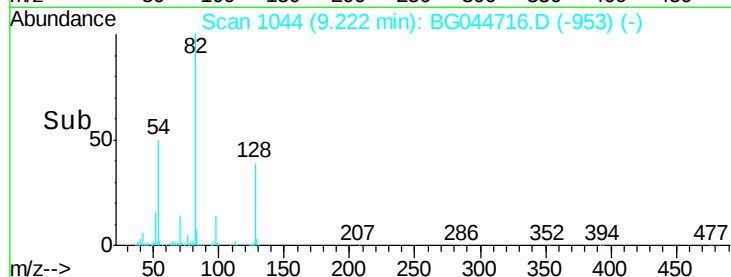
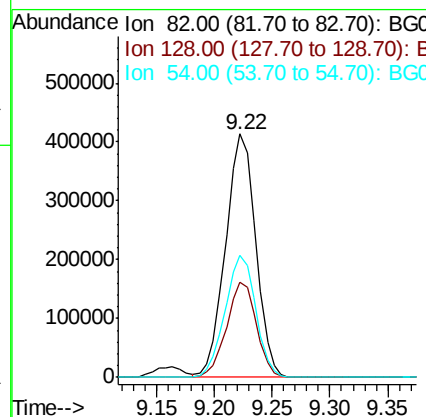
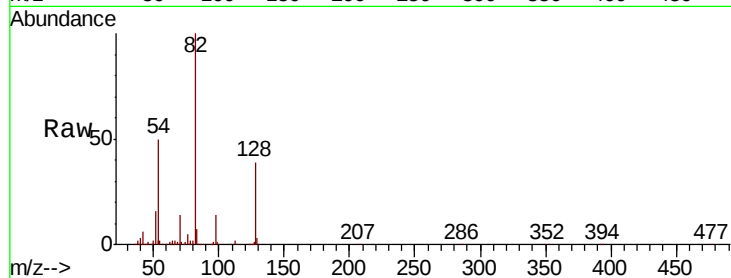
#23
 Nitrobenzene-d5
 Concen: 77.164 ng
 RT: 9.22 min Scan# 1044
 Delta R.T. 0.01 min
 Lab File: BG044716.D
 Acq: 10 Mar 2020 16:33

Instrument :
 BNA_G
 ClientSampleId :
 ICVBG031020

Tot Ion	Ratio	Lower	Upper
82	100		
128	38.9	30.2	45.2
54	50.3	41.8	62.8

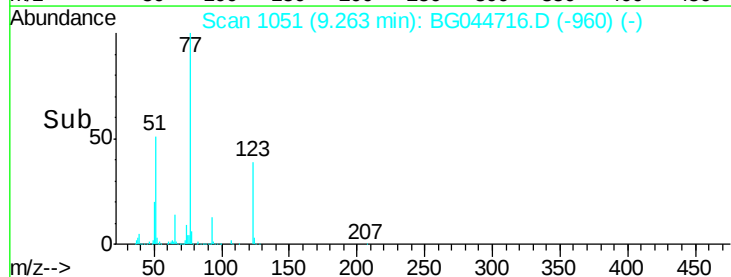
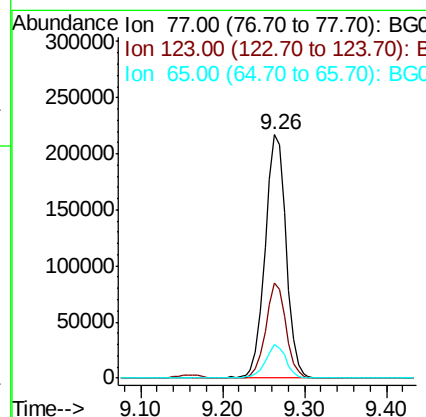
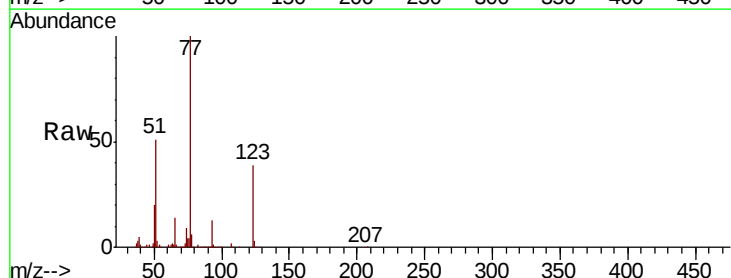
Manual Integrations
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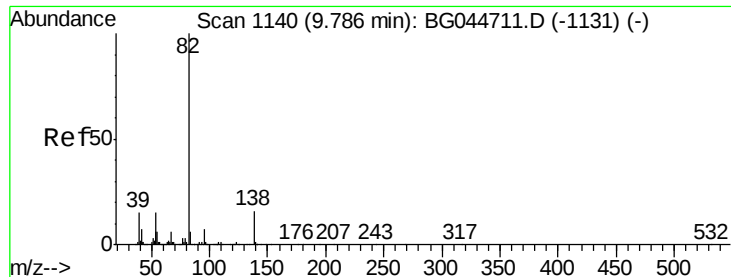
mohammad
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#24
 Nitrobenzene
 Concen: 38.395 ng
 RT: 9.26 min Scan# 1051
 Delta R.T. 0.01 min
 Lab File: BG044716.D
 Acq: 10 Mar 2020 16:33

Tgt Ion	Ratio	Lower	Upper
77	100		
123	39.1	31.5	47.3
65	14.0	11.0	16.4





#25

Isophorone

Concen: 37.715 ng

RT: 9.80 min Scan# 1142

Delta R.T. 0.01 min

Lab File: BG044716.D

Acq: 10 Mar 2020 16:33

Instrument :

BNA_G

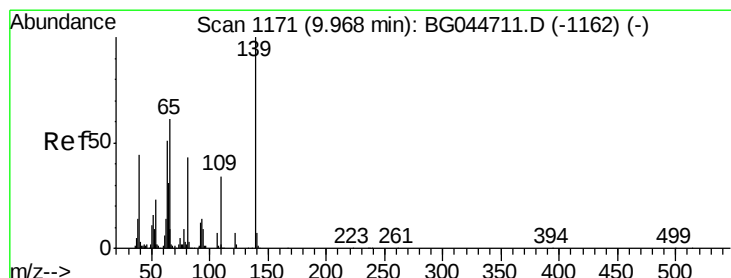
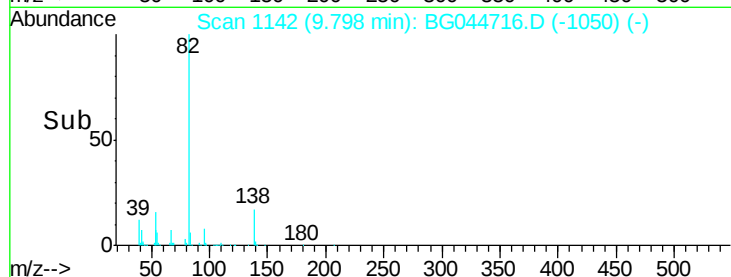
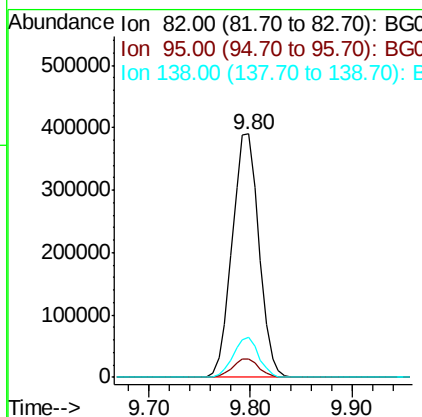
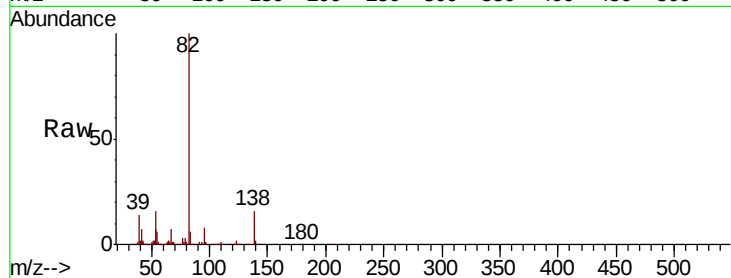
ClientSampleId :

ICVBG031020

Tot Ion:	82	Resp:	715388
Ion Ratio	Lower	Upper	
82	100		
95	7.6	5.6	8.4
138	16.3	13.0	19.4

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#26

2-Nitrophenol

Concen: 39.093 ng

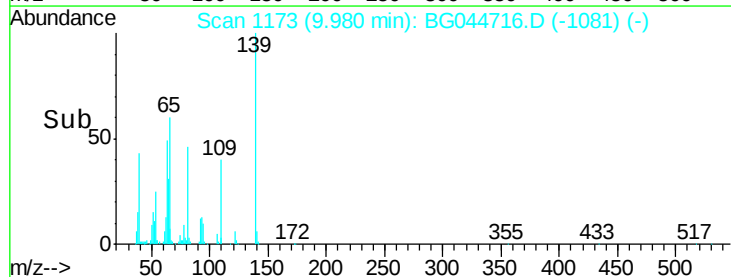
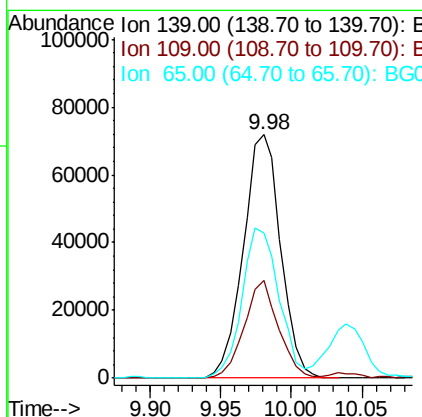
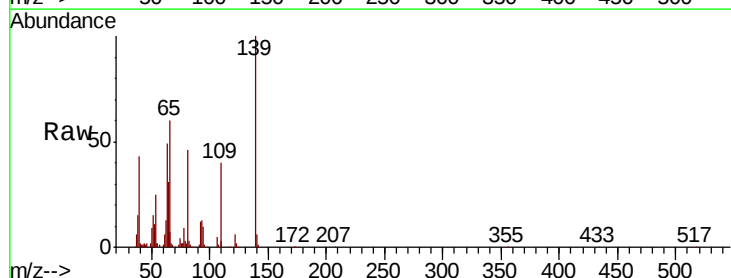
RT: 9.98 min Scan# 1173

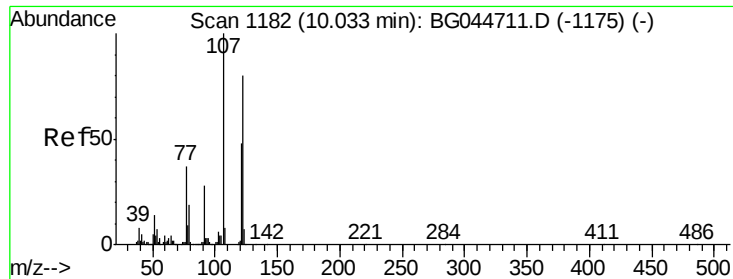
Delta R.T. 0.01 min

Lab File: BG044716.D

Acq: 10 Mar 2020 16:33

Tgt Ion:	139	Resp:	132816
Ion Ratio	Lower	Upper	
139	100		
109	40.2	27.0	40.4
65	59.7	48.6	73.0





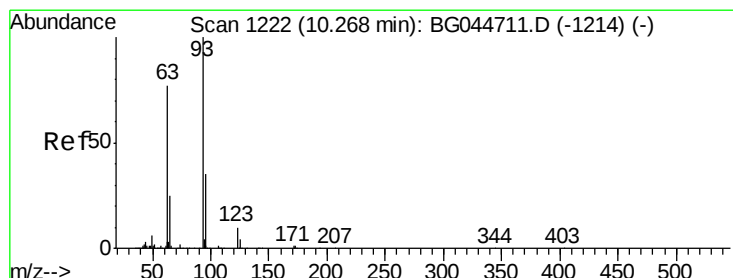
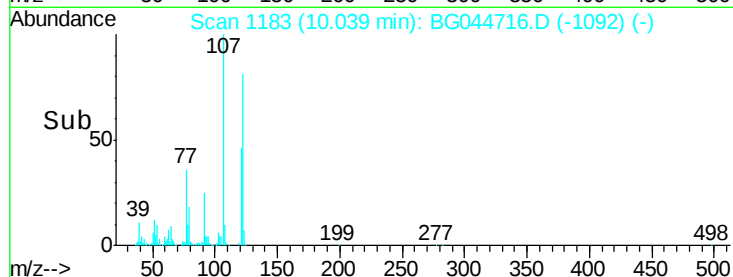
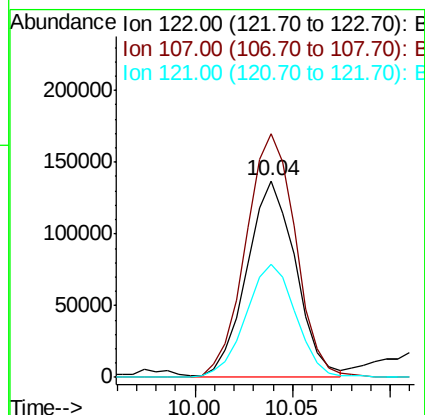
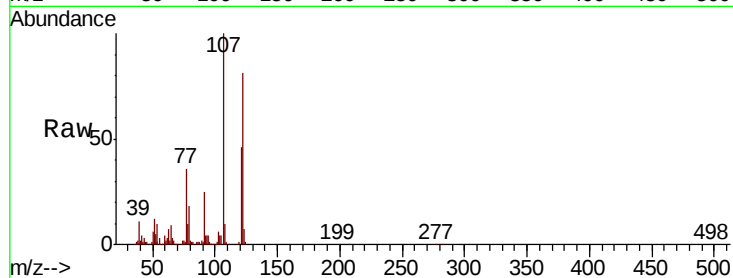
#27
2,4-Dimethylphenol
Concen: 38.424 ng
RT: 10.04 min Scan# 1183
Delta R.T. 0.01 min
Lab File: BG044716.D
Acq: 10 Mar 2020 16:33

Instrument :
BNA_G
ClientSampleId :
ICVBG031020

Tot Ion	Ratio	Resp	Lower	Upper
122	100			
107	124.0	99.0	148.6	
121	57.4	47.6	71.4	

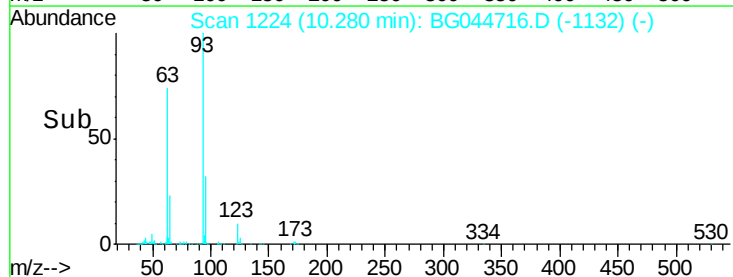
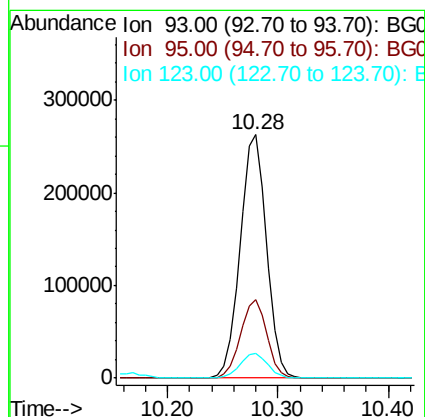
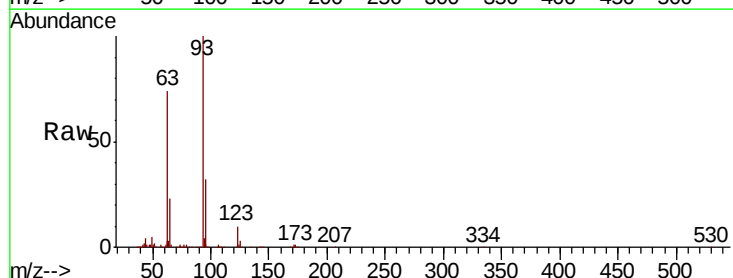
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#28
bis(2-Chloroethoxy)methane
Concen: 38.996 ng
RT: 10.28 min Scan# 1224
Delta R.T. 0.01 min
Lab File: BG044716.D
Acq: 10 Mar 2020 16:33

Tgt Ion	Ratio	Resp	Lower	Upper
93	100			
95	32.4	27.7	41.5	
123	10.1	8.1	12.1	





#29

2,4-Dichlorophenol

Concen: 38.709 ng

RT: 10.51 min Scan# 1264

Delta R.T. 0.01 min

Lab File: BG044716.D

Acq: 10 Mar 2020 16:33

Instrument :

BNA_G

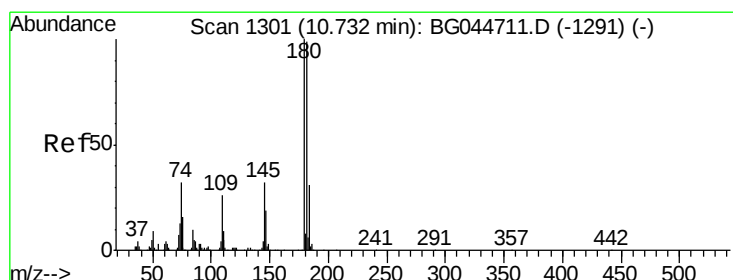
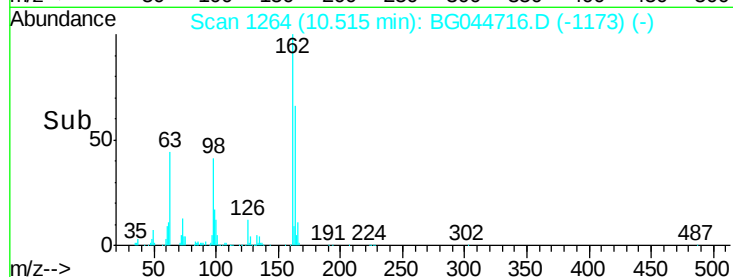
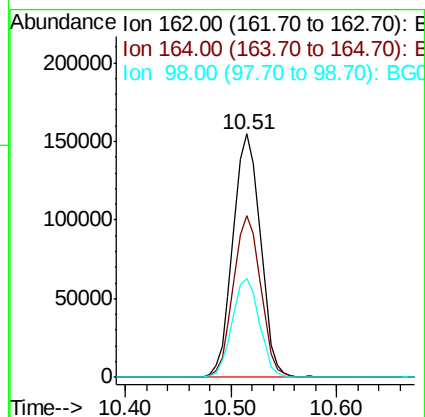
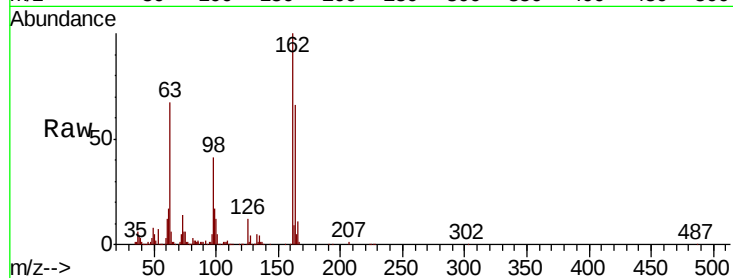
ClientSampleId :

ICVBG031020

Tot Ion:	162	Resp:	279286
Ion Ratio	Lower	Upper	
162	100		
164	66.2	46.5	86.5
98	40.6	18.1	58.1

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#30

1,2,4-Trichlorobenzene

Concen: 38.583 ng

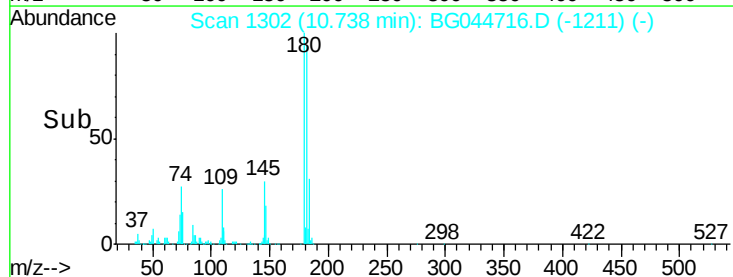
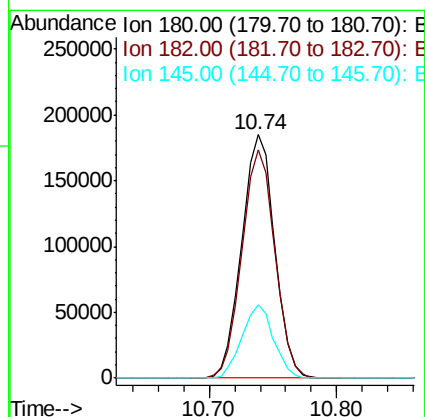
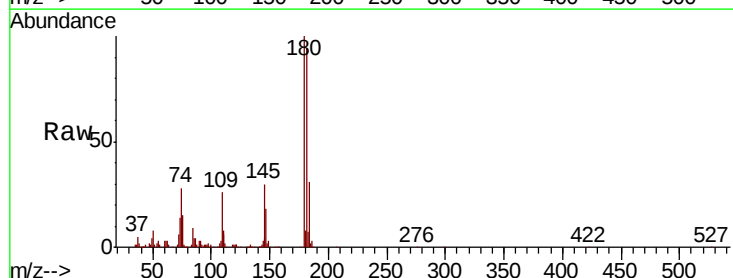
RT: 10.74 min Scan# 1302

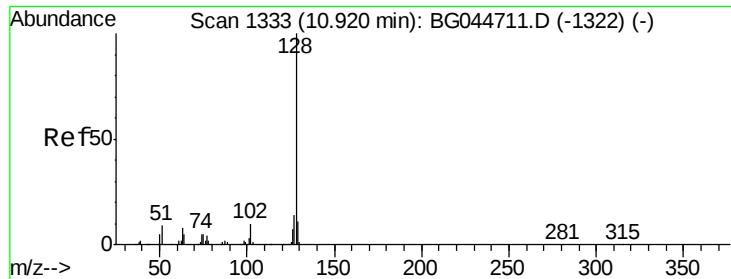
Delta R.T. 0.01 min

Lab File: BG044716.D

Acq: 10 Mar 2020 16:33

Tgt Ion:	180	Resp:	332859
Ion Ratio	Lower	Upper	
180	100		
182	93.6	78.8	118.2
145	30.1	25.4	38.0





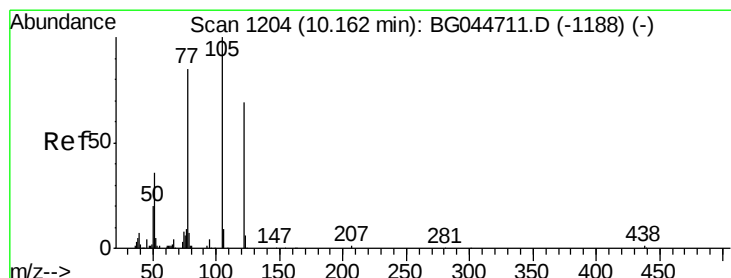
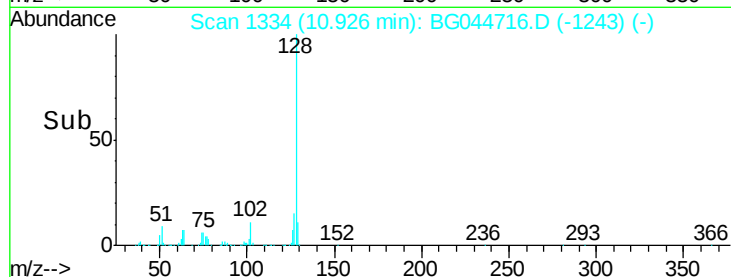
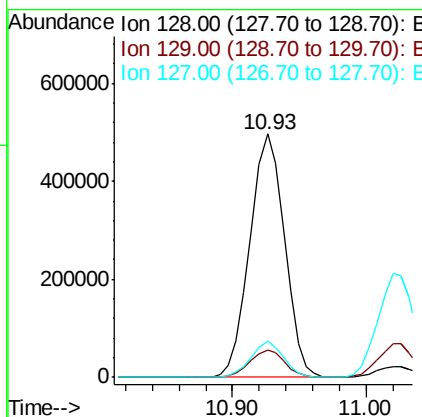
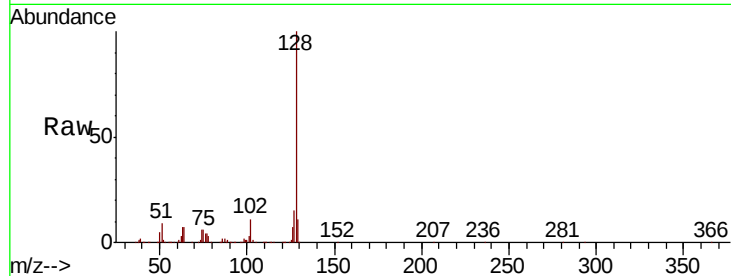
#31
Naphthalene
Concen: 37.842 ng
RT: 10.93 min Scan# 1334
Delta R.T. 0.01 min
Lab File: BG044716.D
Acq: 10 Mar 2020 16:33

Instrument :
BNA_G
ClientSampleId :
ICVBG031020

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.0	13.4
127	14.7	11.0	16.6

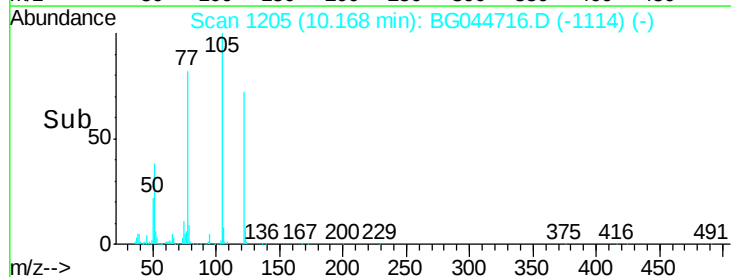
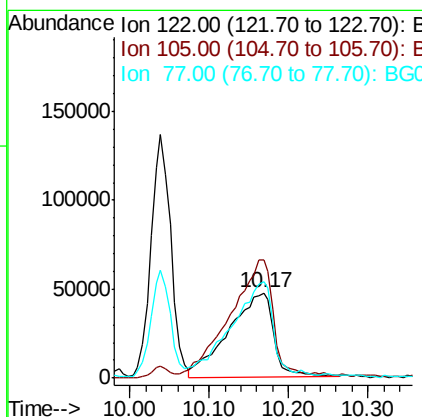
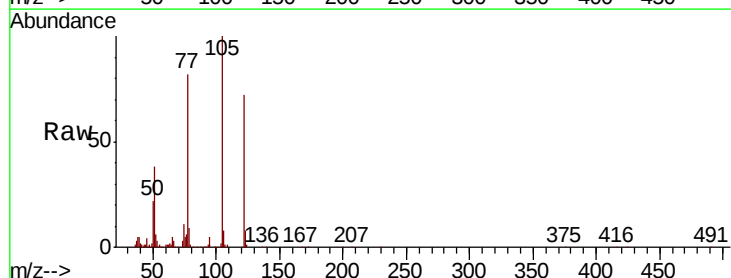
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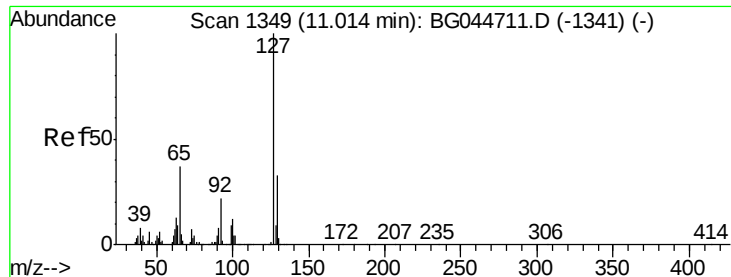
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#32
Benzoic acid
Concen: 40.596 ng
RT: 10.17 min Scan# 1205
Delta R.T. 0.01 min
Lab File: BG044716.D
Acq: 10 Mar 2020 16:33

Tgt Ion	Ratio	Lower	Upper
122	100		
105	138.3	119.0	159.0
77	113.6	96.4	136.4





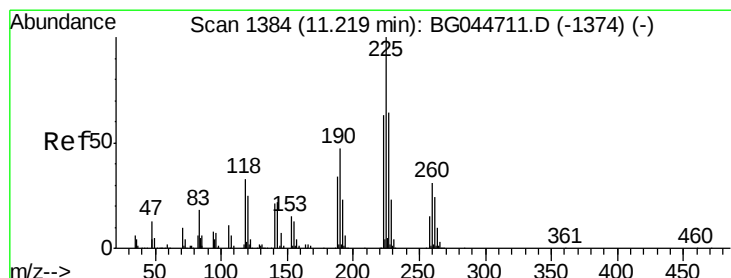
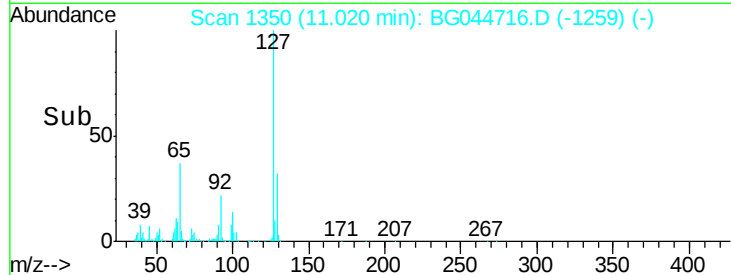
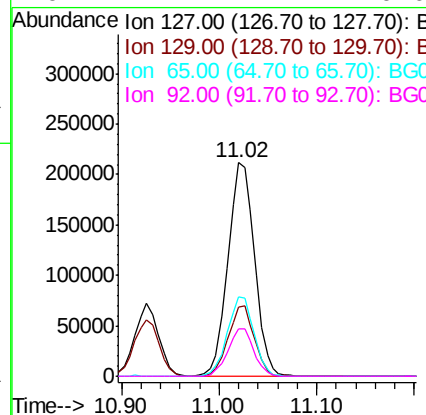
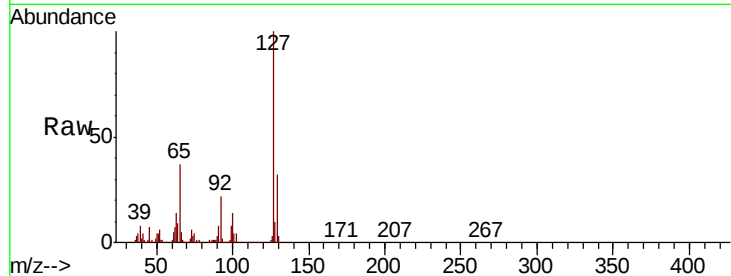
#33
4-Chloroaniline
Concen: 37.566 ng
RT: 11.02 min Scan# 1350
Delta R.T. 0.01 min
Lab File: BG044716.D
Acq: 10 Mar 2020 16:33

Instrument :
BNA_G
ClientSampleId :
ICVBG031020

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.3	26.2	39.4		
65	37.1	29.6	44.4		
92	22.1	17.4	26.0		

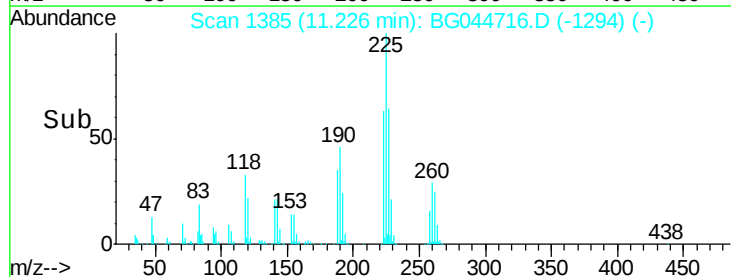
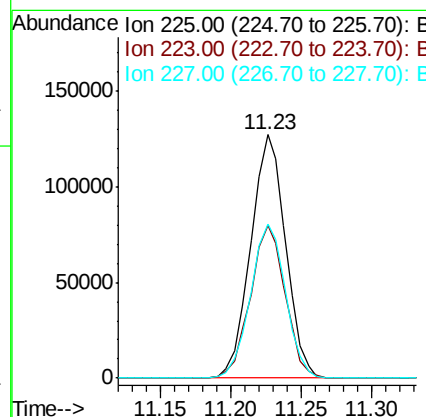
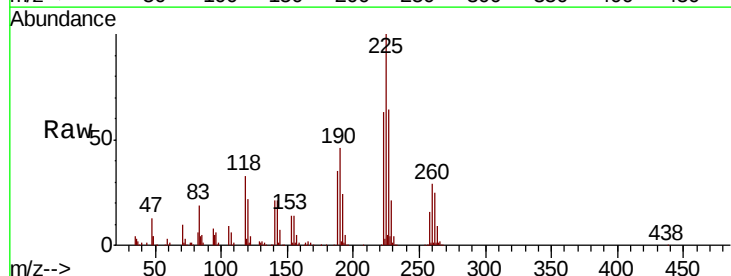
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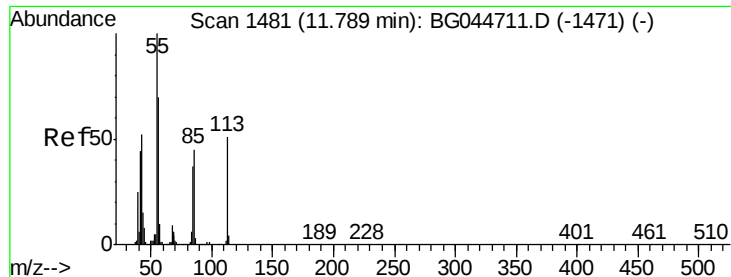
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#34
Hexachlorobutadiene
Concen: 38.788 ng
RT: 11.23 min Scan# 1385
Delta R.T. 0.01 min
Lab File: BG044716.D
Acq: 10 Mar 2020 16:33

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.6	50.6	76.0		
227	63.5	51.6	77.4		





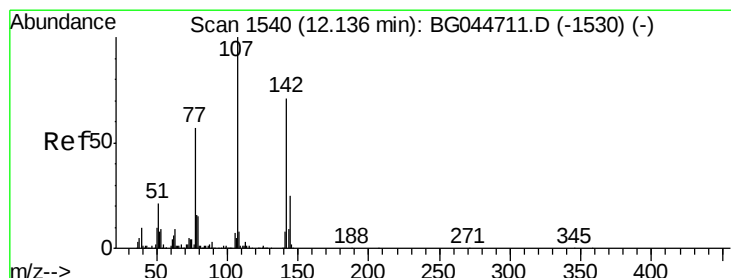
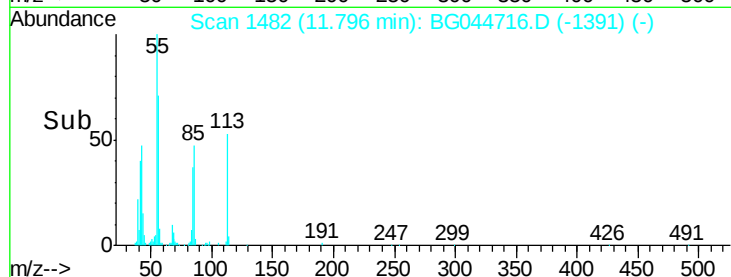
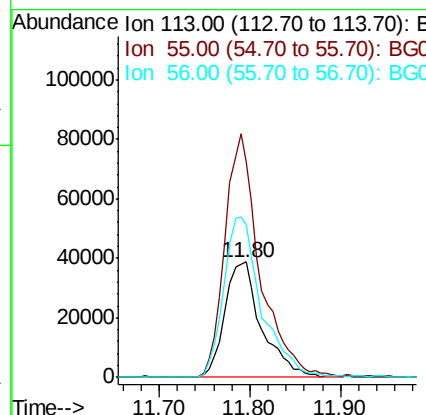
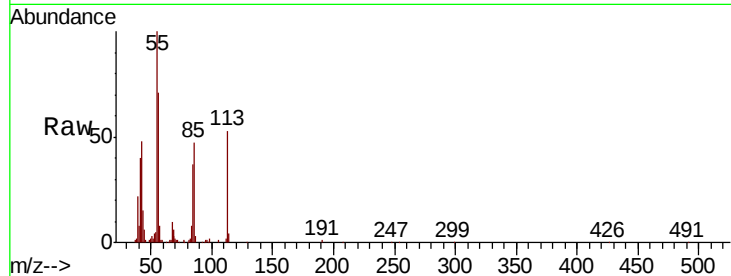
#35
 Caprolactam
 Concen: 40.181 ng
 RT: 11.80 min Scan# 1482
 Delta R.T. 0.01 min
 Lab File: BG044716.D
 Acq: 10 Mar 2020 16:33

Instrument :
 BNA_G
 ClientSampleId :
 ICVBG031020

Tot Ion	Ratio	Lower	Upper
113	100		
55	187.3	178.4	218.4
56	132.4	117.7	157.7

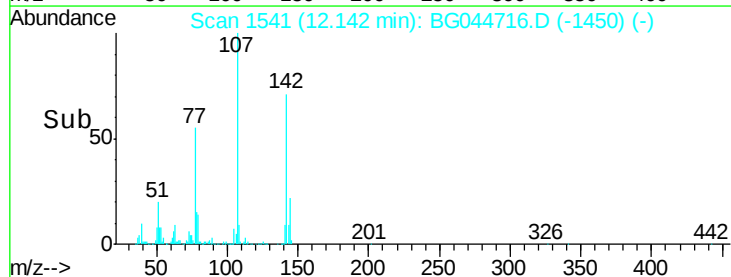
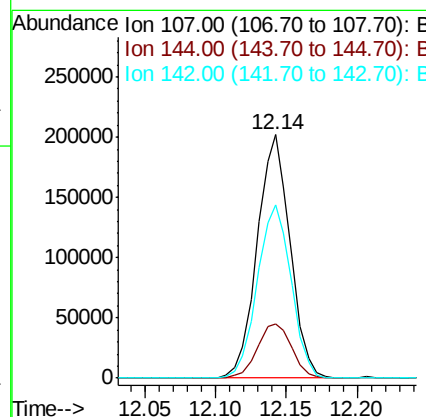
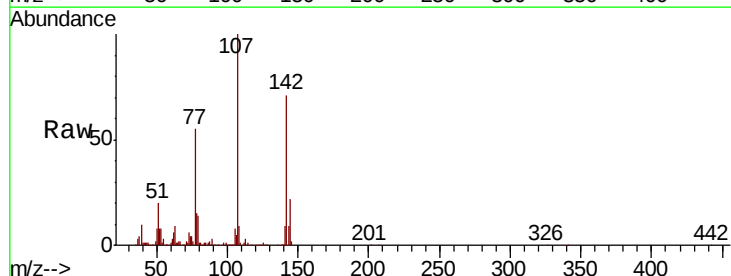
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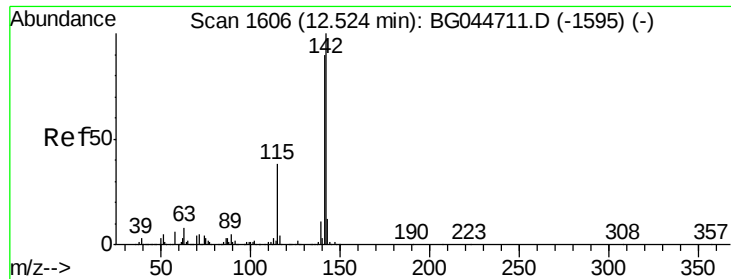
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#36
 4-Chloro-3-methylphenol
 Concen: 38.518 ng
 RT: 12.14 min Scan# 1541
 Delta R.T. 0.01 min
 Lab File: BG044716.D
 Acq: 10 Mar 2020 16:33

Tgt Ion	Ratio	Lower	Upper
107	100		
144	22.0	19.6	29.4
142	71.4	56.5	84.7





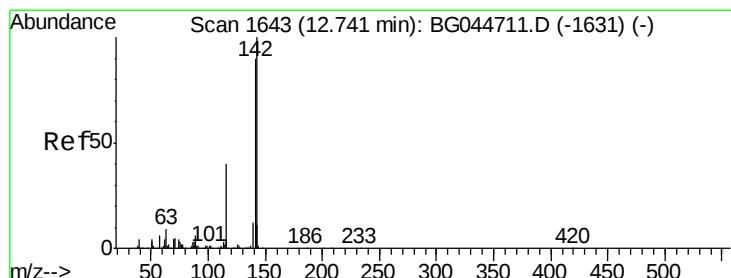
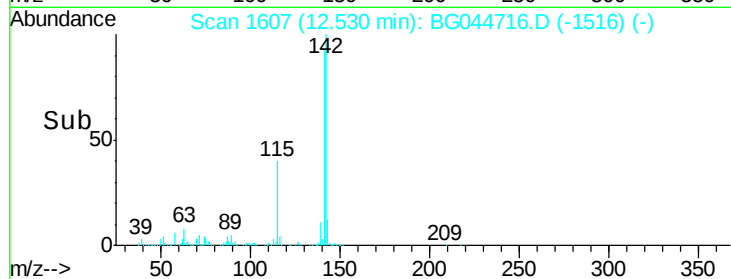
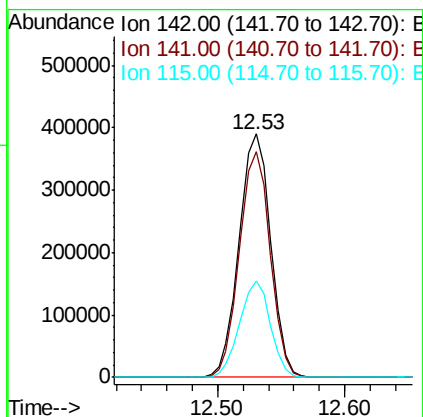
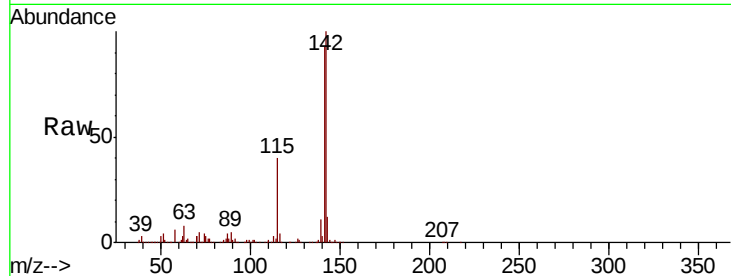
#37
 2-Methylnaphthalene
 Concen: 38.210 ng
 RT: 12.53 min Scan# 1607
 Delta R.T. 0.01 min
 Lab File: BG044716.D
 Acq: 10 Mar 2020 16:33

Instrument :
 BNA_G
 ClientSampleId :
 ICVBG031020

Tot Ion	Ratio	Lower	Upper
142	100		
141	92.8	72.3	108.5
115	39.7	30.6	45.8

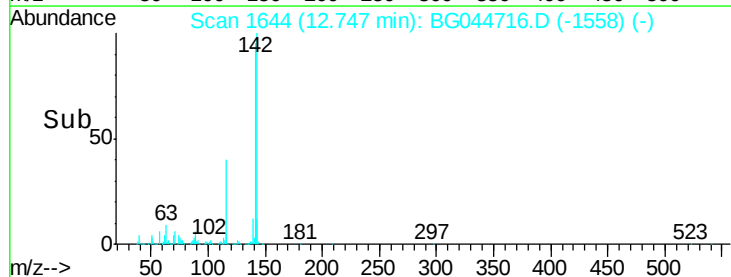
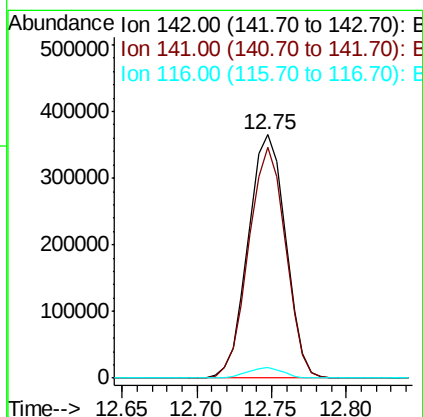
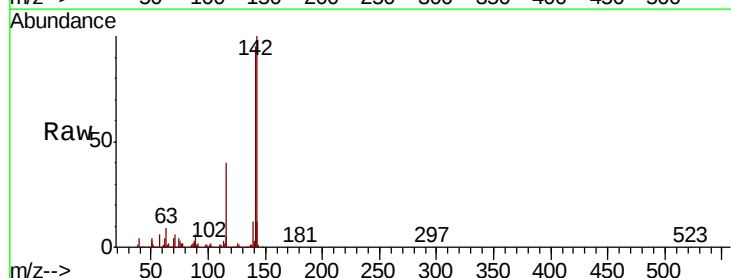
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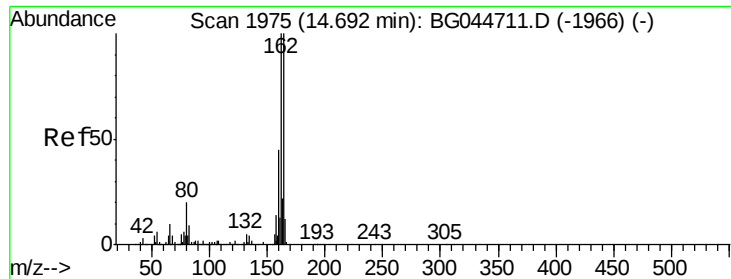
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#38
 1-Methylnaphthalene
 Concen: 38.288 ng
 RT: 12.75 min Scan# 1644
 Delta R.T. 0.01 min
 Lab File: BG044716.D
 Acq: 10 Mar 2020 16:33

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.6	72.2	108.2
116	4.5	3.5	5.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.70 min Scan# 1976

Delta R.T. 0.01 min

Lab File: BG044716.D

Acq: 10 Mar 2020 16:33

Instrument :

BNA_G

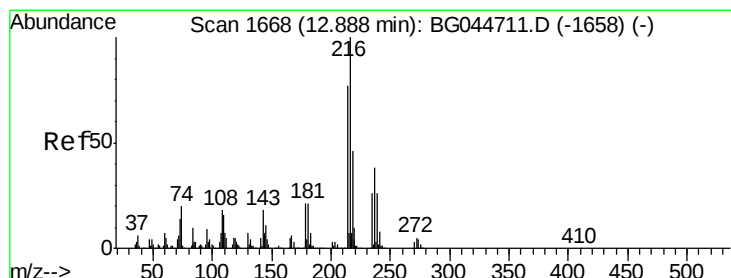
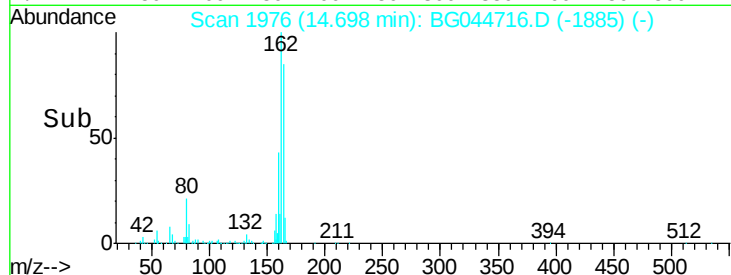
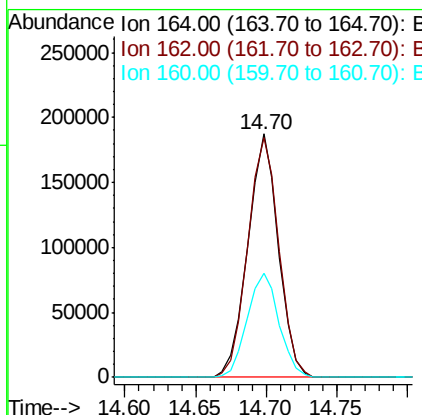
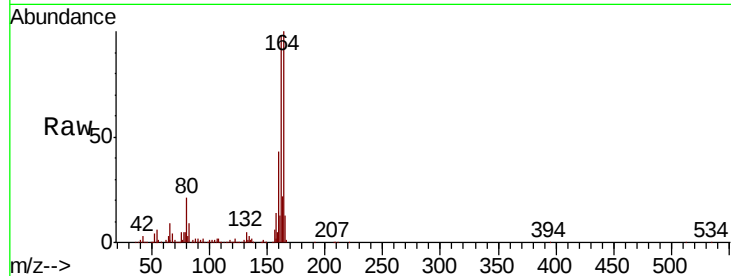
ClientSampleId :

ICVBG031020

Tot Ion:	164	Resp:	284748
Ion Ratio	Lower	Upper	
164	100		
162	98.4	80.2	120.4
160	43.0	36.2	54.2

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 38.253 ng

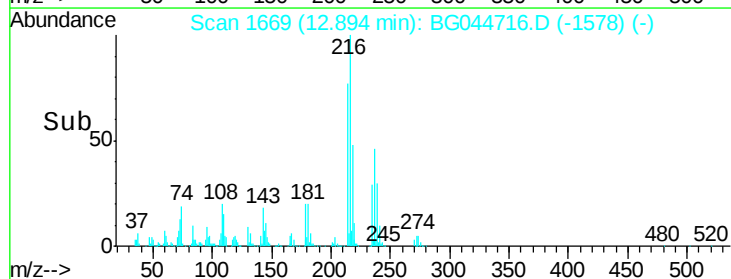
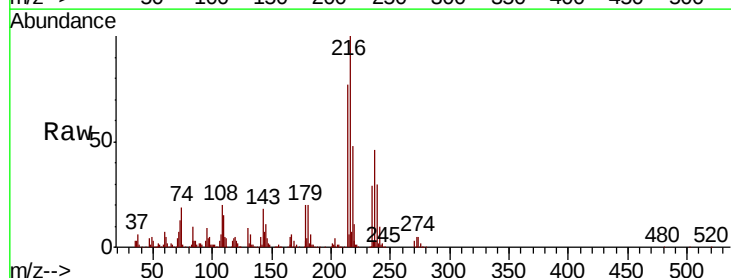
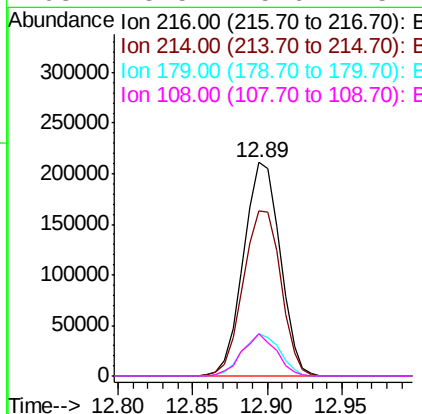
RT: 12.89 min Scan# 1669

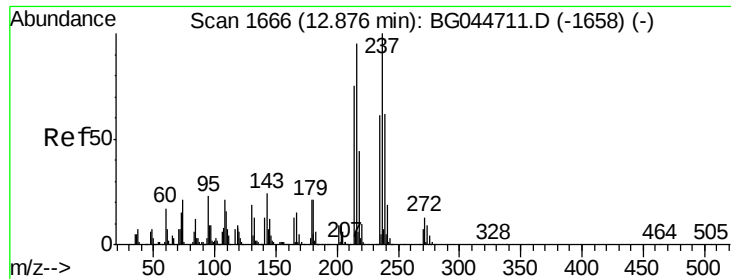
Delta R.T. 0.01 min

Lab File: BG044716.D

Acq: 10 Mar 2020 16:33

Tgt Ion:	216	Resp:	358719
Ion Ratio	Lower	Upper	
216	100		
214	79.5	63.0	94.4
179	20.4	16.6	24.8
108	18.5	15.6	23.4





#41

Hexachlorocyclopentadiene

Concen: 37.889 ng

RT: 12.89 min Scan# 1668

Delta R.T. 0.01 min

Lab File: BG044716.D

Acq: 10 Mar 2020 16:33

Instrument :

BNA_G

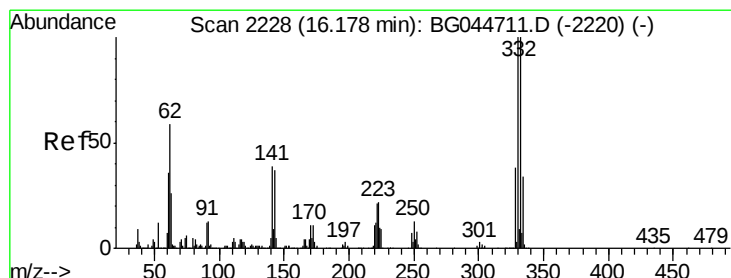
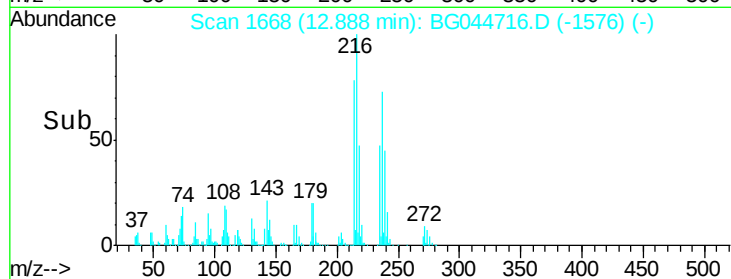
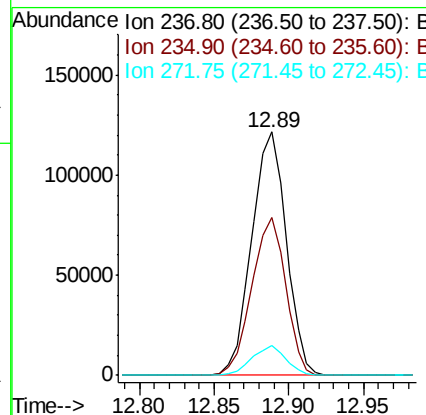
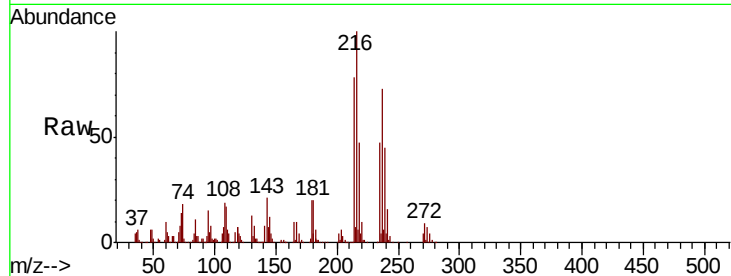
ClientSampleId :

ICVBG031020

Tot Ion:	237	Resp:	194180
Ion Ratio	Lower	Upper	
237	100		
235	64.7	40.6	80.6
272	12.2	0.0	32.5

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#42

2,4,6-Tribromophenol

Concen: 77.370 ng

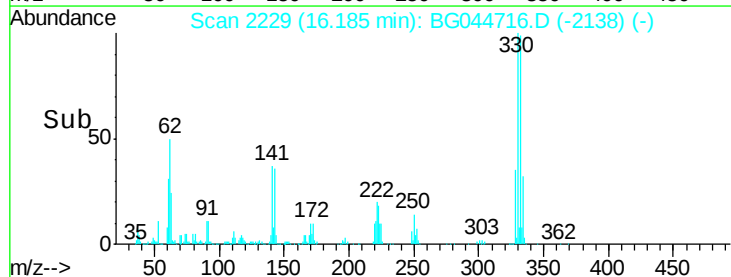
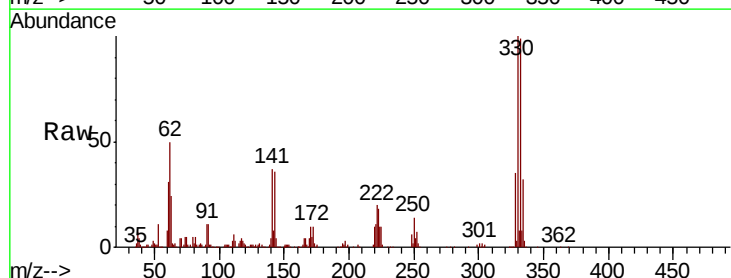
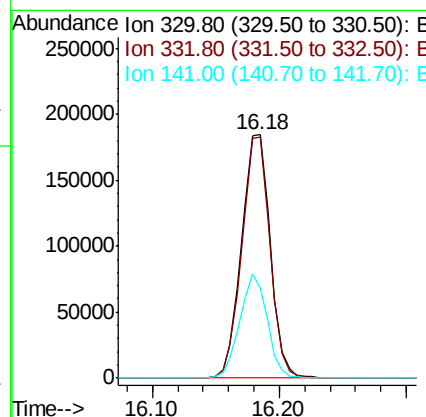
RT: 16.18 min Scan# 2229

Delta R.T. 0.01 min

Lab File: BG044716.D

Acq: 10 Mar 2020 16:33

Tgt Ion:	330	Resp:	288463
Ion Ratio	Lower	Upper	
330	100		
332	97.0	77.5	116.3
141	40.7	31.7	47.5





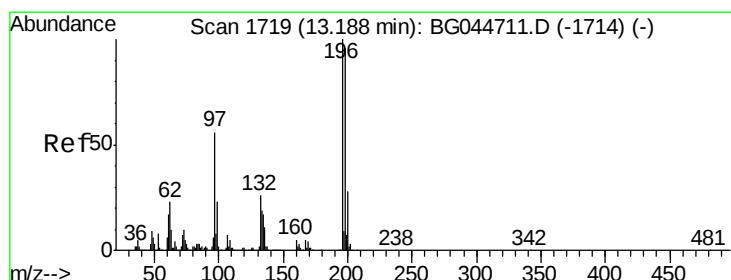
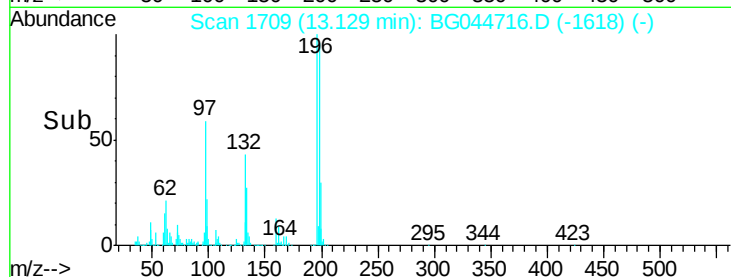
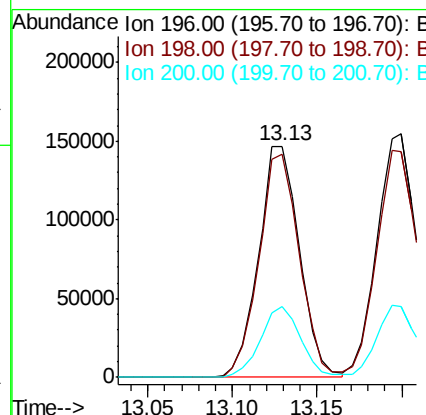
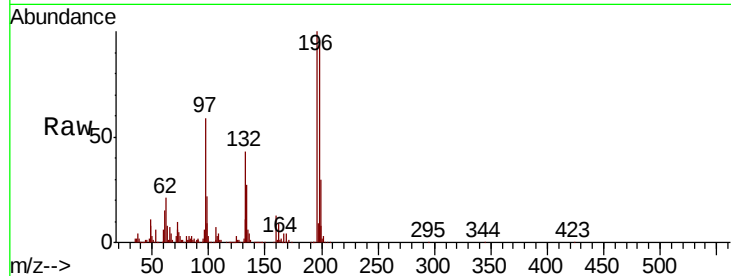
#43
 2,4,6-Trichlorophenol
 Concen: 39.425 ng
 RT: 13.13 min Scan# 1709
 Delta R.T. 0.01 min
 Lab File: BG044716.D
 Acq: 10 Mar 2020 16:33

Instrument :
 BNA_G
 ClientSampleId :
 ICVBG031020

Tot Ion	Ratio	Resp	Lower	Upper
196	100	245357		
198	96.4	76.5	114.7	
200	30.4	25.9	38.9	

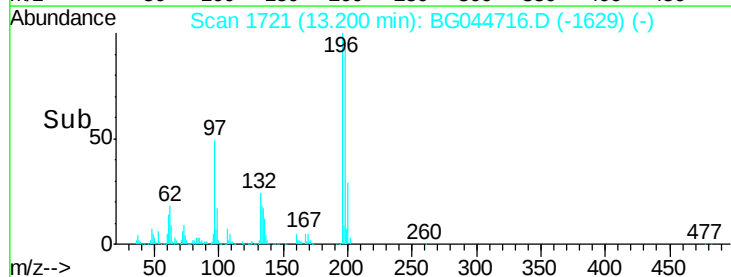
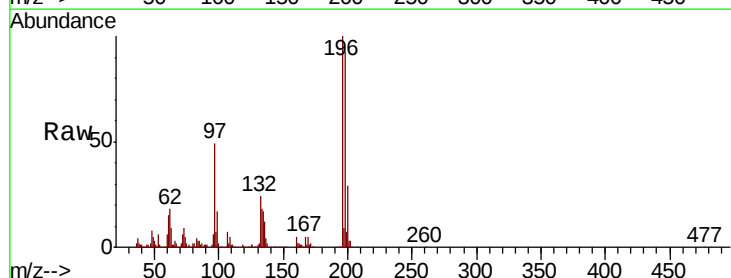
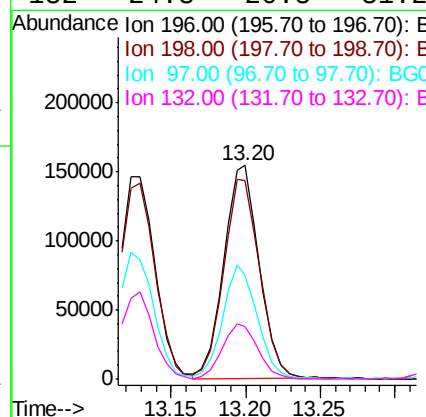
Manual Integrations
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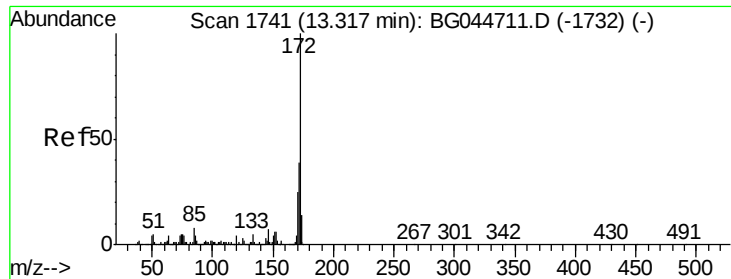
mohammad
 3/11/2020 4:57:02 PM



#44
 2,4,5-Trichlorophenol
 Concen: 39.585 ng
 RT: 13.20 min Scan# 1721
 Delta R.T. 0.01 min
 Lab File: BG044716.D
 Acq: 10 Mar 2020 16:33

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	255488		
198	92.8	77.3	115.9	
97	48.7	44.9	67.3	
132	24.3	20.8	31.2	





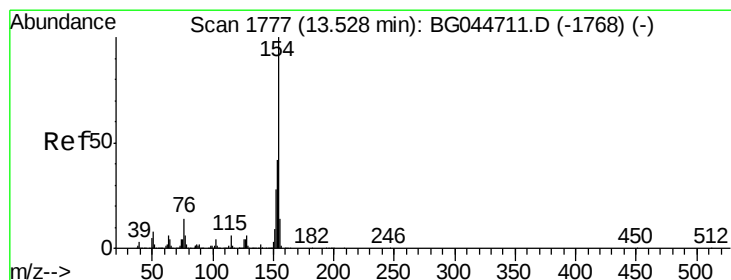
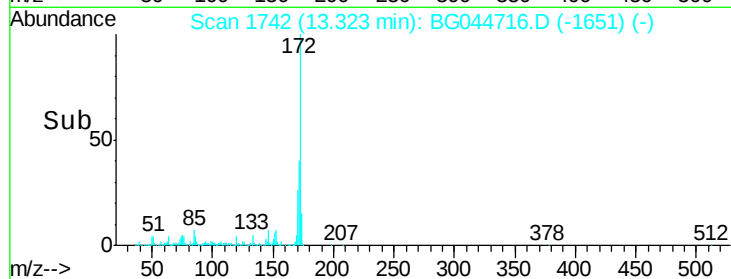
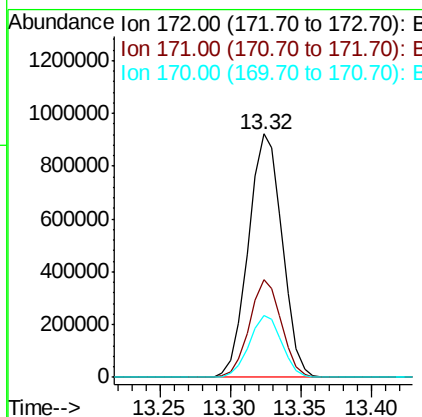
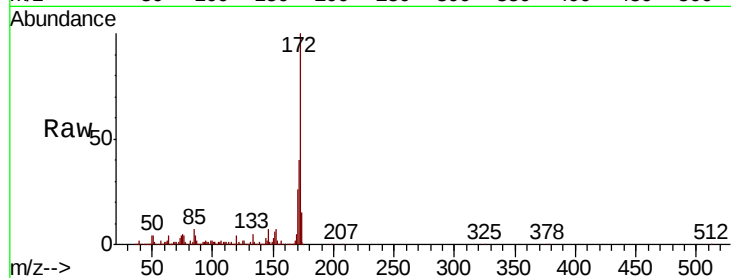
#45
2-Fluorobiphenyl
Concen: 77.889 ng
RT: 13.32 min Scan# 1742
Delta R.T. 0.01 min
Lab File: BG044716.D
Acq: 10 Mar 2020 16:33

Instrument :
BNA_G
ClientSampleId :
ICVBG031020

Tot Ion	Ratio	Lower	Upper
172	100		
171	39.9	30.8	46.2
170	25.6	20.0	30.0

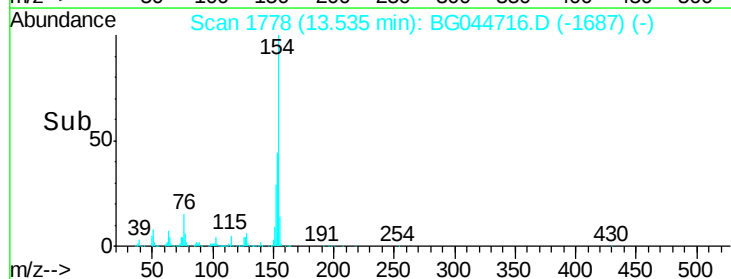
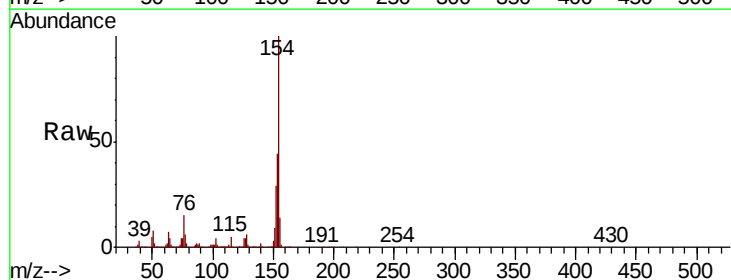
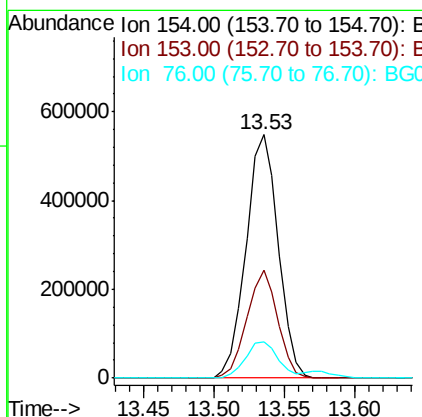
Manual Integrations
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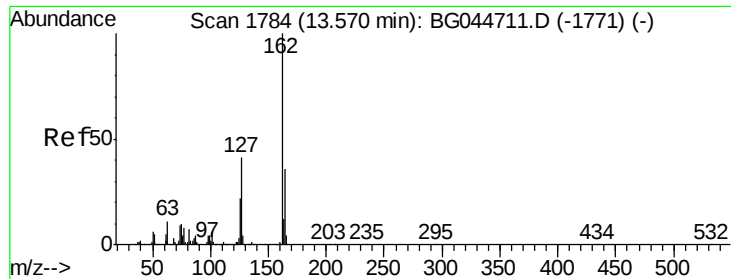
mohammad
3/11/2020 4:57:02 PM



#46
1,1'-Biphenyl
Concen: 38.449 ng
RT: 13.53 min Scan# 1778
Delta R.T. 0.01 min
Lab File: BG044716.D
Acq: 10 Mar 2020 16:33

Tgt Ion	Ratio	Lower	Upper
154	100		
153	44.1	22.0	62.0
76	14.6	0.0	34.2





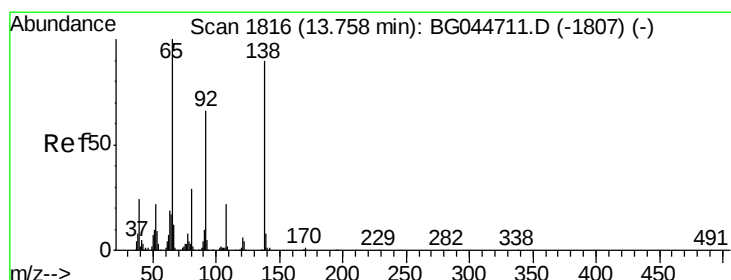
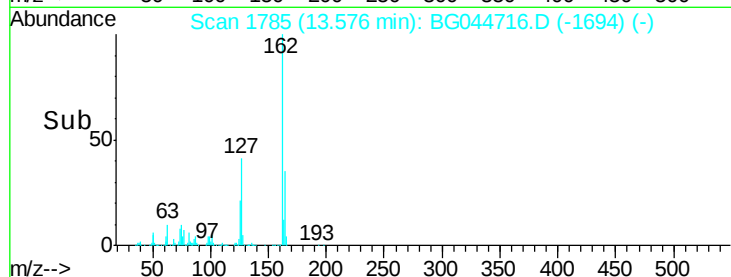
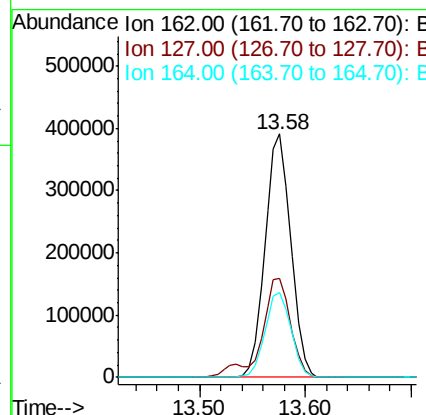
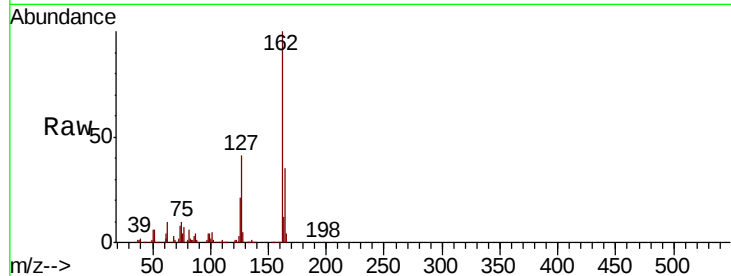
#47
2-Chloronaphthalene
Concen: 38.122 ng
RT: 13.58 min Scan# 1785
Delta R.T. 0.01 min
Lab File: BG044716.D
Acq: 10 Mar 2020 16:33

Instrument :
BNA_G
ClientSampleId :
ICVBG031020

Tot Ion	Ratio	Lower	Upper
162	100		
127	40.7	32.6	48.8
164	35.1	29.0	43.4

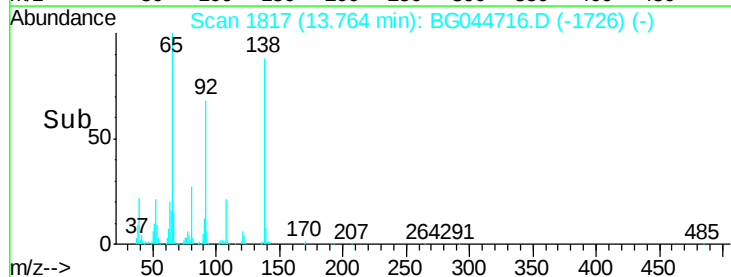
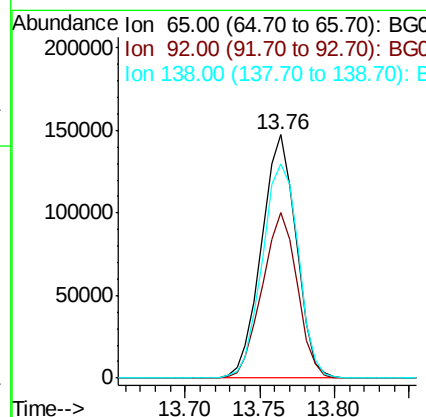
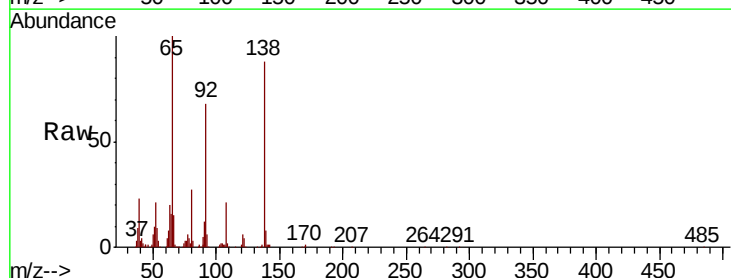
Manual Integrations
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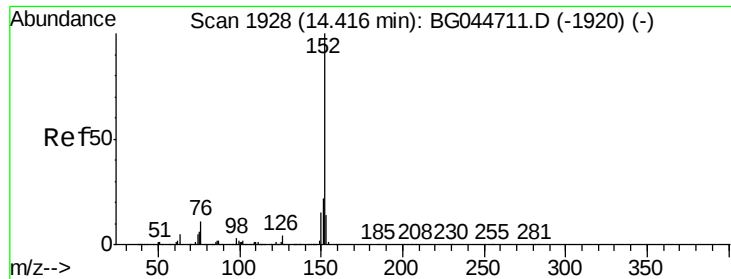
mohammad
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#48
2-Nitroaniline
Concen: 39.093 ng
RT: 13.76 min Scan# 1817
Delta R.T. 0.01 min
Lab File: BG044716.D
Acq: 10 Mar 2020 16:33

Tgt Ion	Ratio	Lower	Upper
65	100		
92	67.8	52.6	79.0
138	87.9	71.8	107.6





#49

Acenaphthylene

Concen: 38.137 ng

RT: 14.42 min Scan# 1928

Delta R.T. 0.00 min

Lab File: BG044716.D

Acq: 10 Mar 2020 16:33

Instrument :

BNA_G

ClientSampleId :

ICVBG031020

Tot Ion:152 Resp: 1038576

Ion Ratio Lower Upper

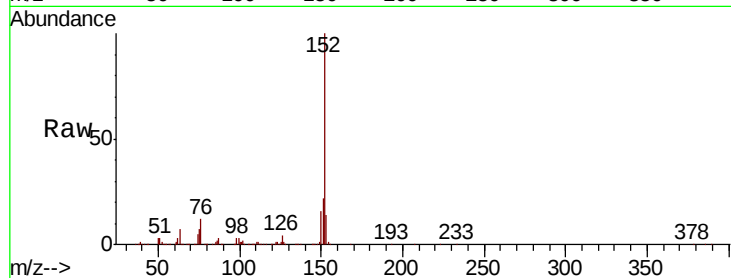
152 100

151 21.7 17.8 26.8

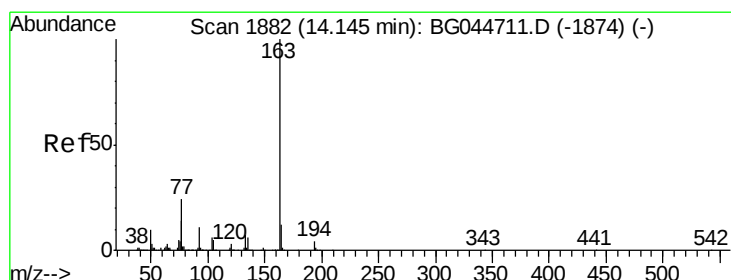
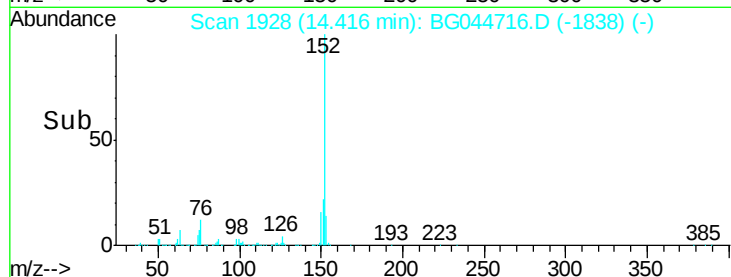
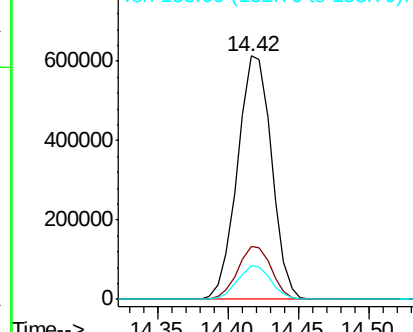
153 14.0 11.4 17.0

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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 38.576 ng

RT: 14.15 min Scan# 1883

Delta R.T. 0.01 min

Lab File: BG044716.D

Acq: 10 Mar 2020 16:33

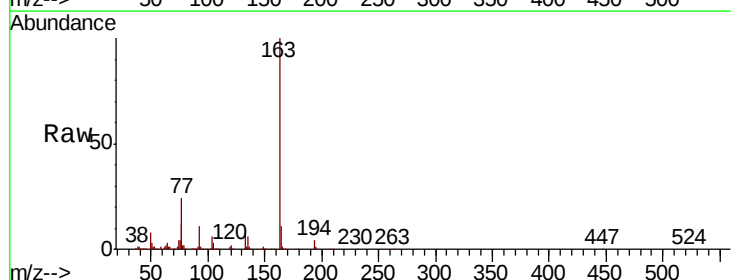
Tgt Ion:163 Resp: 874856

Ion Ratio Lower Upper

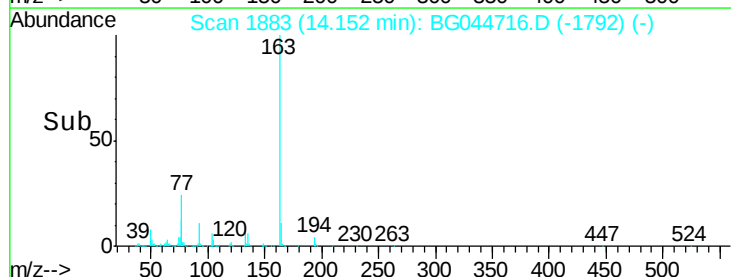
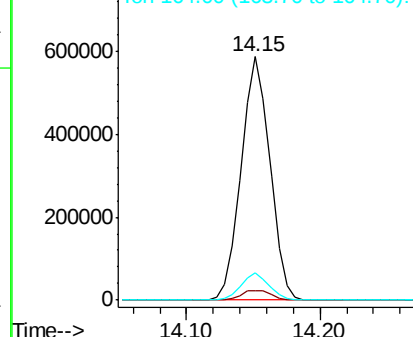
163 100

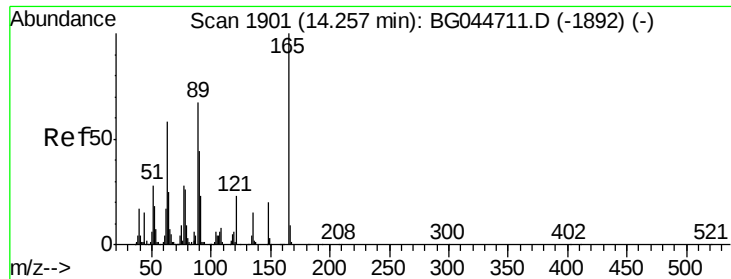
194 4.0 3.5 5.3

164 11.3 9.2 13.8



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





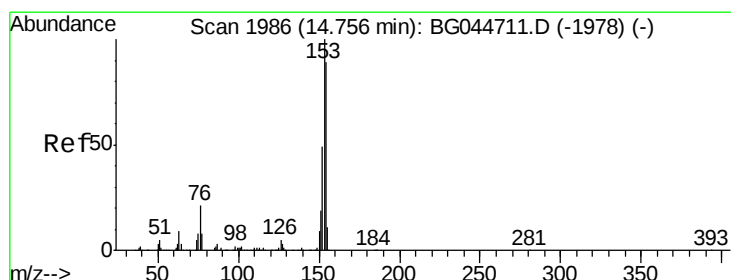
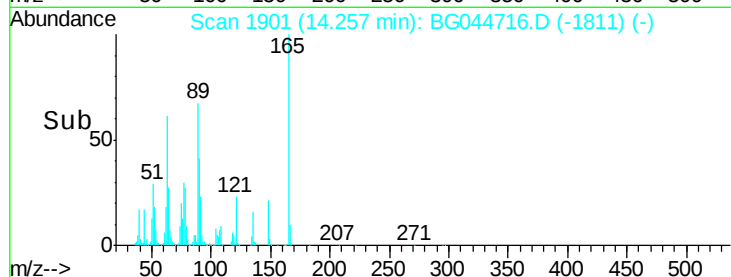
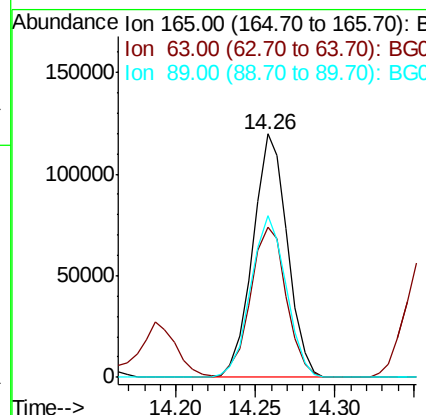
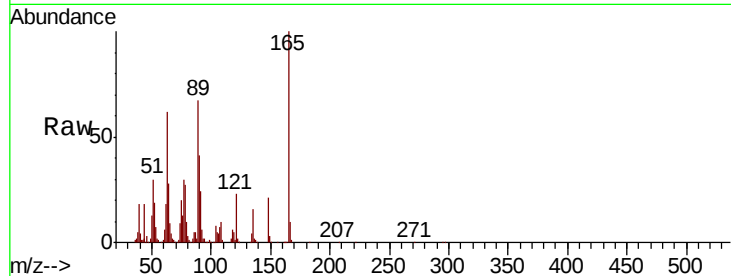
#51
2,6-Dinitrotoluene
Concen: 39.598 ng
RT: 14.26 min Scan# 1901
Delta R.T. 0.00 min
Lab File: BG044716.D
Acq: 10 Mar 2020 16:33

Instrument :
BNA_G
ClientSampleId :
ICVBG031020

Tot Ion	Ratio	Lower	Upper
165	100		
63	61.8	48.9	73.3
89	66.5	53.8	80.8

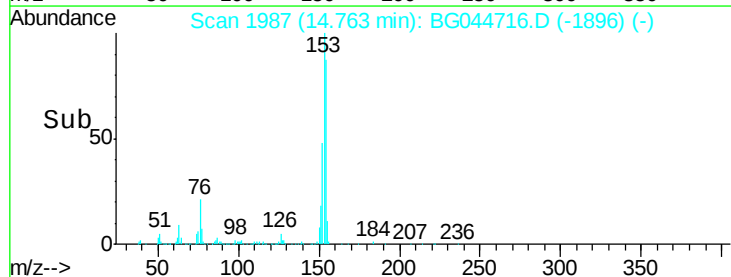
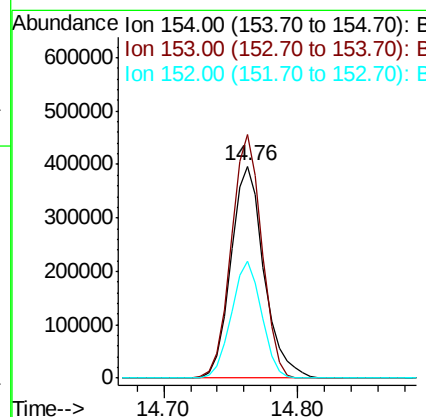
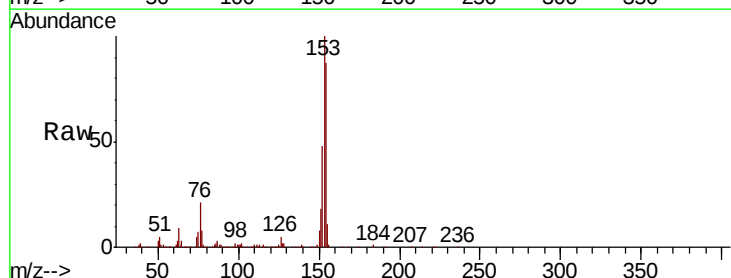
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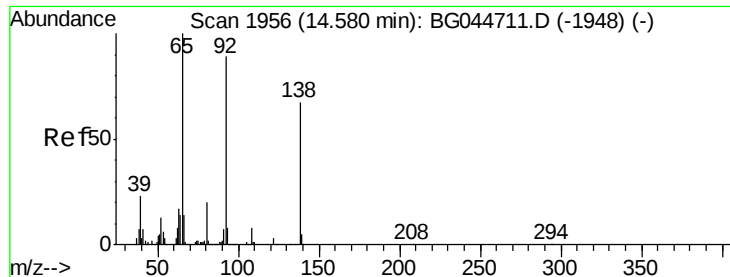
mohammad
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#52
Acenaphthene
Concen: 38.421 ng
RT: 14.76 min Scan# 1987
Delta R.T. 0.01 min
Lab File: BG044716.D
Acq: 10 Mar 2020 16:33

Tgt Ion	Ratio	Lower	Upper
154	100		
153	114.8	89.8	134.8
152	55.2	44.4	66.6





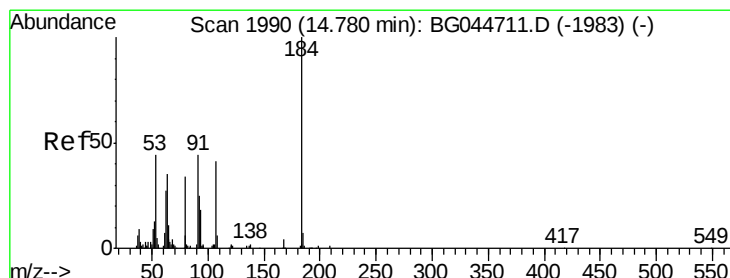
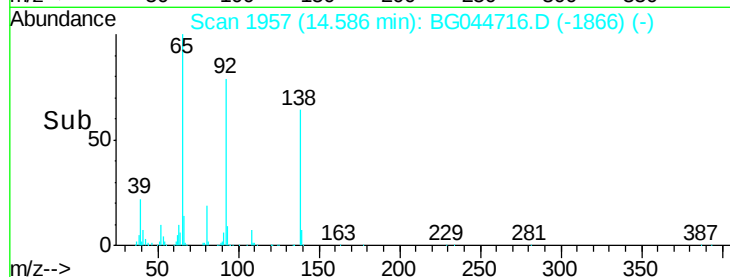
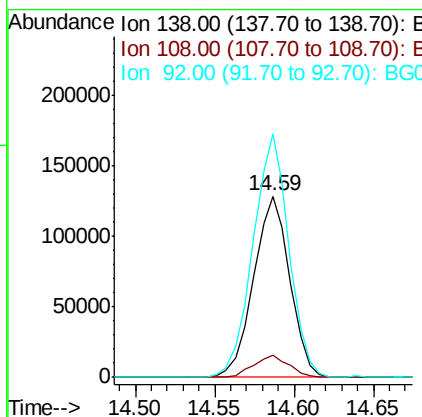
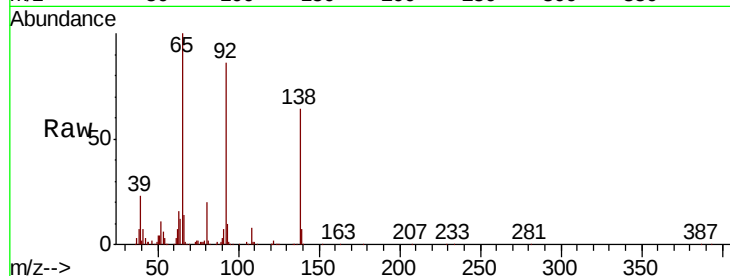
#53
3-Nitroaniline
Concen: 38.814 ng
RT: 14.59 min Scan# 1957
Delta R.T. 0.01 min
Lab File: BG044716.D
Acq: 10 Mar 2020 16:33

Instrument :
BNA_G
ClientSampleId :
ICVBG031020

Tot Ion	Ratio	Lower	Upper
138	100		
108	12.4	9.2	13.8
92	134.4	105.6	158.4

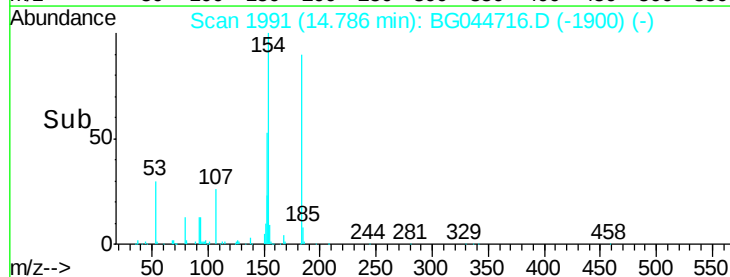
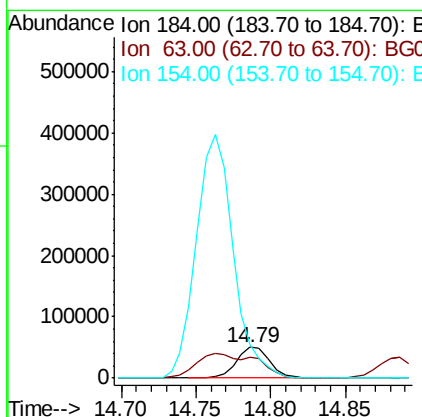
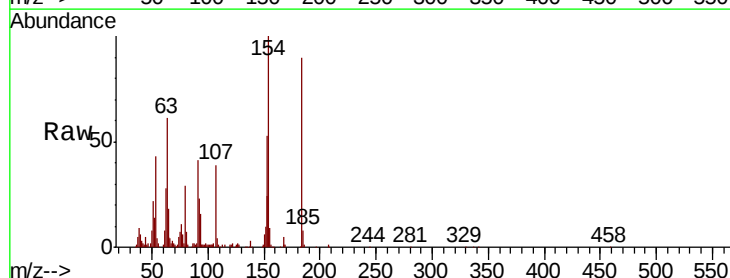
Manual Integrations
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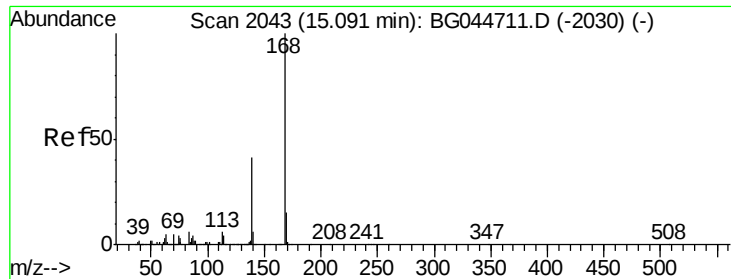
mohammad
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#54
2,4-Dinitrophenol
Concen: 37.789 ng
RT: 14.79 min Scan# 1991
Delta R.T. 0.01 min
Lab File: BG044716.D
Acq: 10 Mar 2020 16:33

Tgt Ion	Ratio	Lower	Upper
184	100		
63	67.6	49.0	73.6
154	111.1	94.5	141.7





#55

Dibenzofuran

Concen: 38.700 ng

RT: 15.10 min Scan# 2044

Delta R.T. 0.01 min

Lab File: BG044716.D

Acq: 10 Mar 2020 16:33

Instrument :

BNA_G

ClientSampleId :

ICVBG031020

Tot Ion:168 Resp: 1000903

Ion Ratio Lower Upper

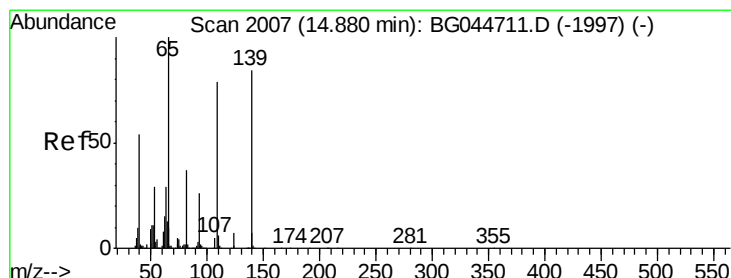
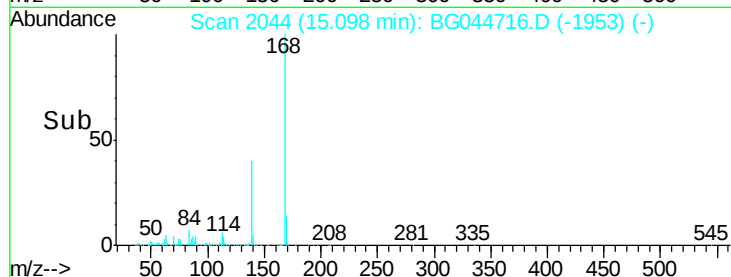
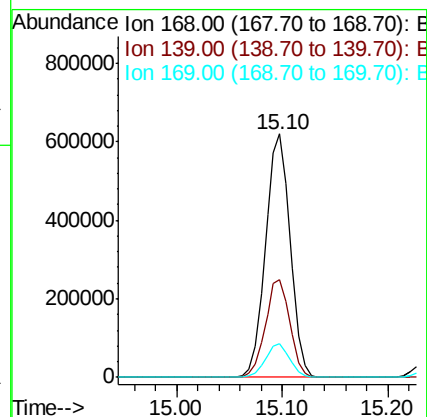
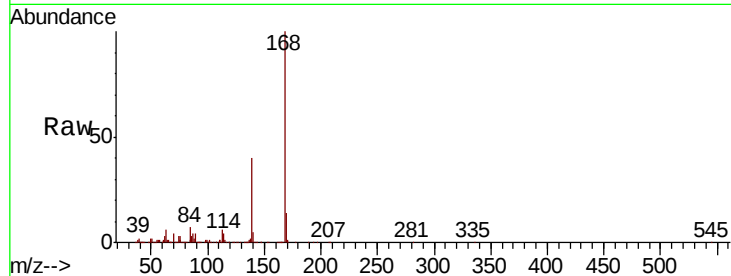
168 100

139 40.2 32.6 49.0

169 13.8 11.8 17.6

Manual Integrations
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#56

4-Nitrophenol

Concen: 40.097 ng

RT: 14.89 min Scan# 2008

Delta R.T. 0.01 min

Lab File: BG044716.D

Acq: 10 Mar 2020 16:33

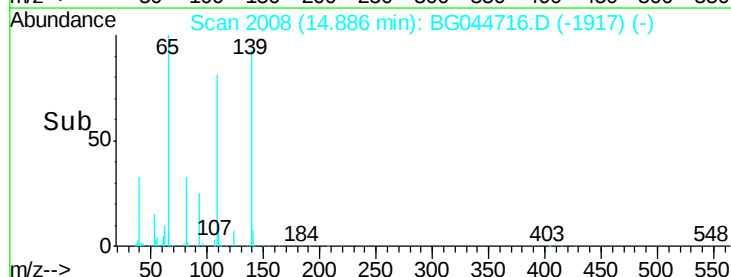
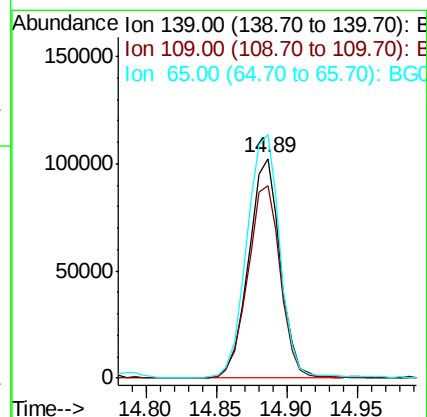
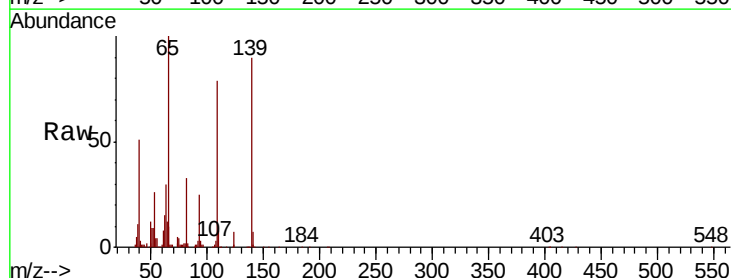
Tgt Ion:139 Resp: 160831

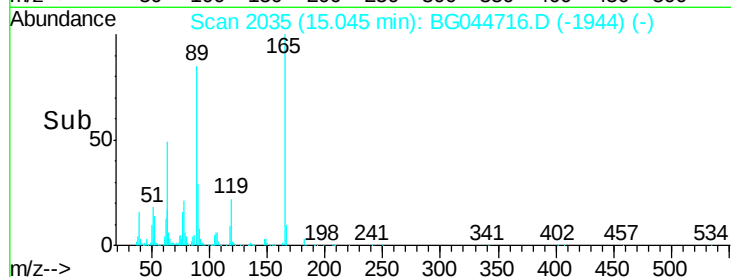
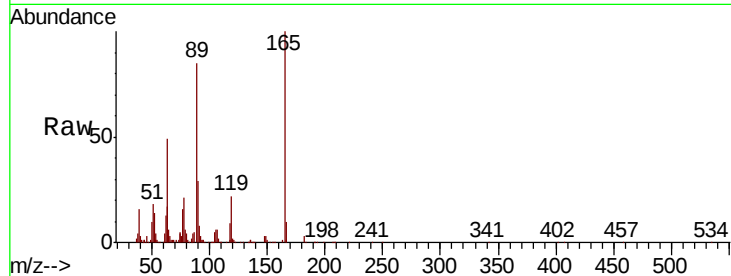
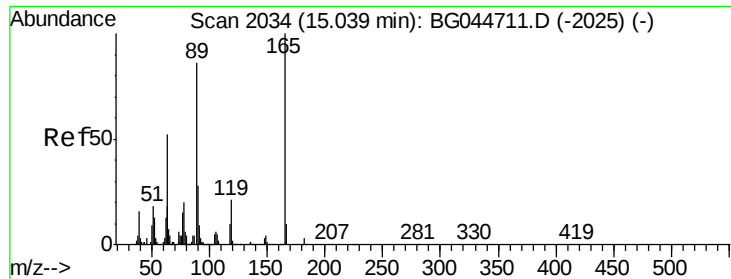
Ion Ratio Lower Upper

139 100

109 87.3 74.1 114.1

65 110.8 98.6 138.6





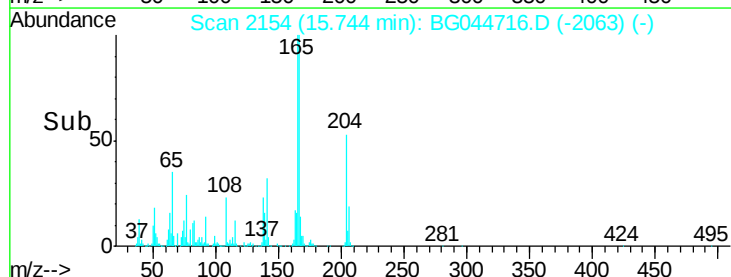
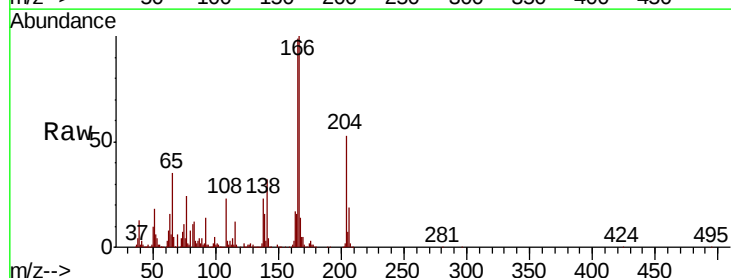
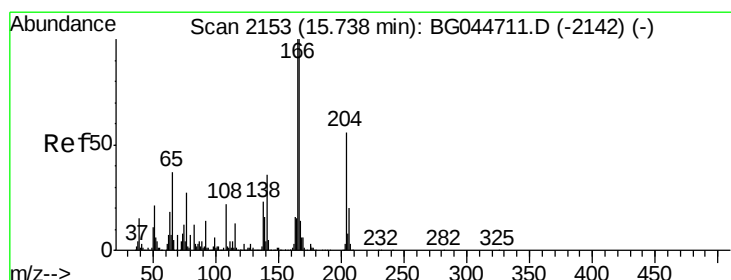
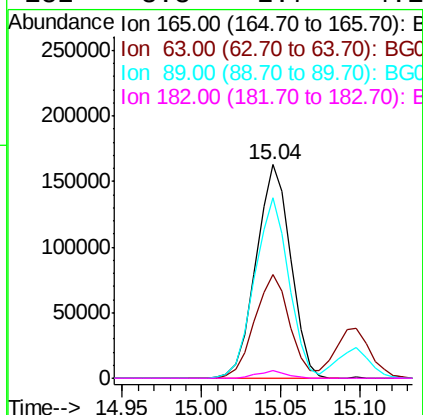
#57
2,4-Dinitrotoluene
Concen: 39.635 ng
RT: 15.04 min Scan# 2035
Delta R.T. 0.01 min
Lab File: BG044716.D
Acq: 10 Mar 2020 16:33

Instrument :
BNA_G
ClientSampleId :
ICVBG031020

Tot Ion	Ratio	Lower	Upper
165	100		
63	48.9	41.5	62.3
89	84.7	69.0	103.4
182	3.3	2.7	4.1

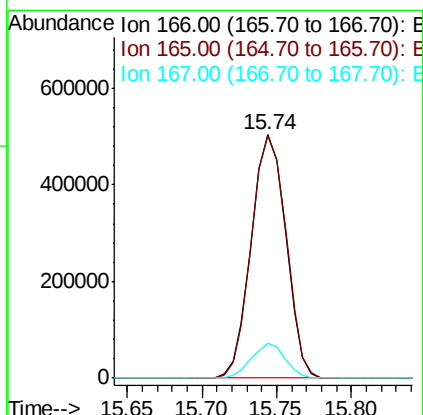
Manual Integrations
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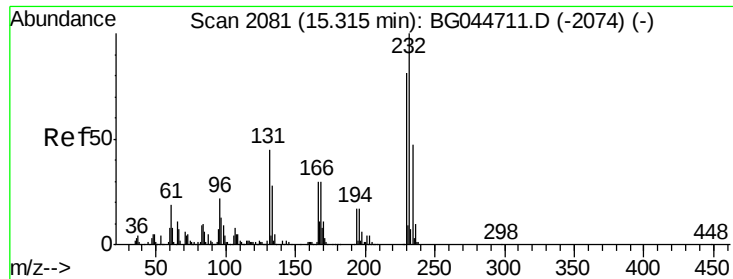
mohammad
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#58
Fluorene
Concen: 38.009 ng
RT: 15.74 min Scan# 2154
Delta R.T. 0.01 min
Lab File: BG044716.D
Acq: 10 Mar 2020 16:33

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.3	79.6	119.4
167	14.1	11.4	17.2





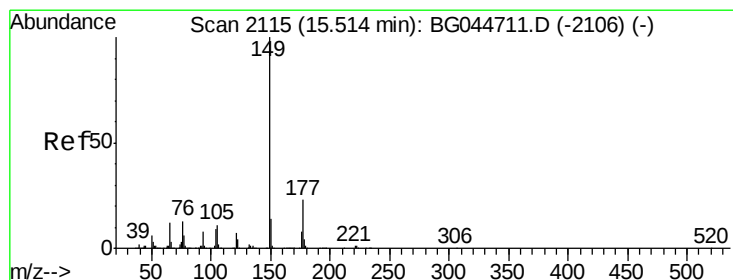
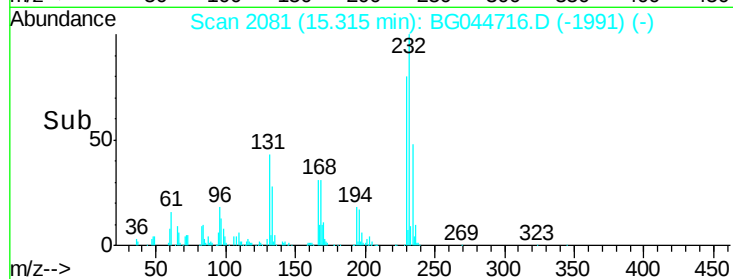
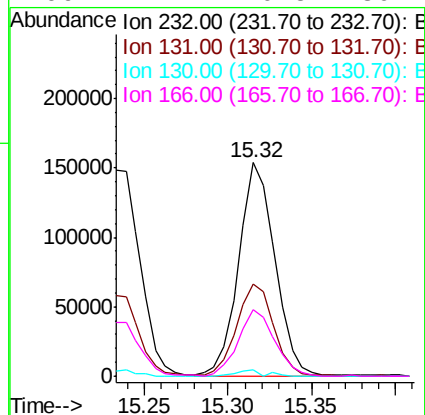
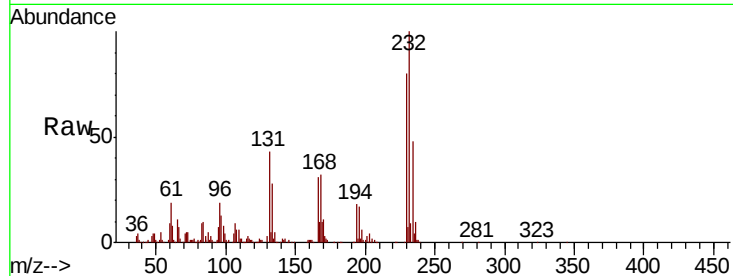
#59
2,3,4,6-Tetrachlorophenol
Concen: 39.210 ng
RT: 15.32 min Scan# 2081
Delta R.T. 0.00 min
Lab File: BG044716.D
Acq: 10 Mar 2020 16:33

Instrument :
BNA_G
ClientSampleId :
ICVBG031020

Tot Ion	Ion	Ratio	Resp	Lower	Upper
232	100		232990		
131	40.1	32.4	48.6		
130	2.8	2.0	3.0		
166	27.1	20.5	30.7		

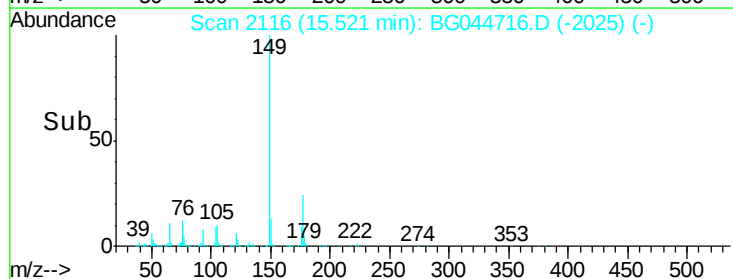
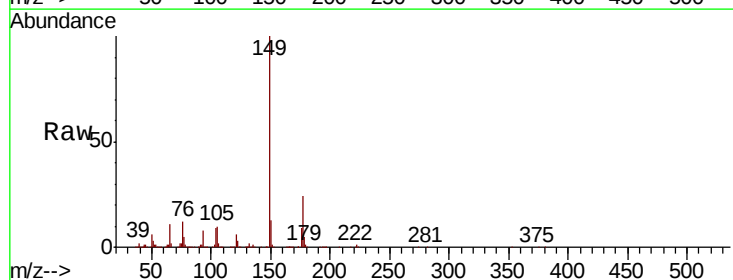
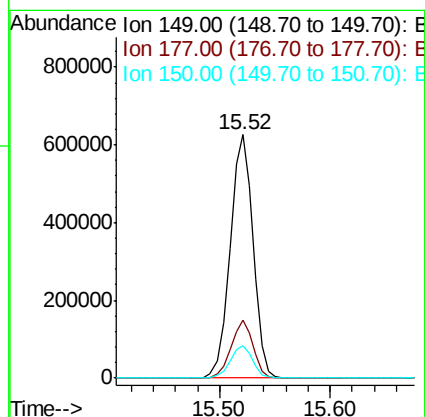
Manual Integrations
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#60
Diethylphthalate
Concen: 38.281 ng
RT: 15.52 min Scan# 2116
Delta R.T. 0.01 min
Lab File: BG044716.D
Acq: 10 Mar 2020 16:33

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100		905492		
177	23.7	18.8	28.2		
150	13.3	11.2	16.8		





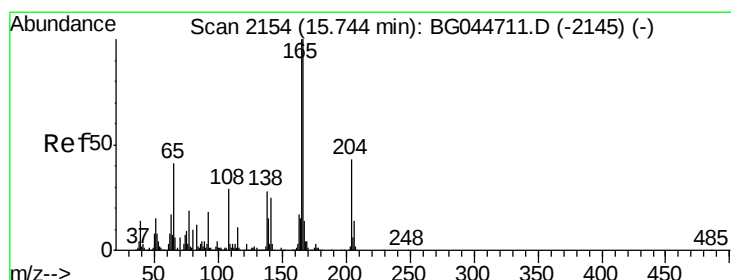
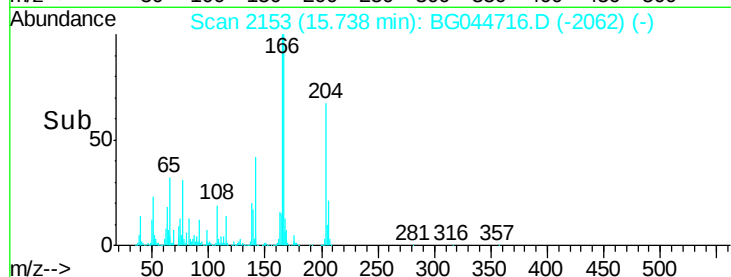
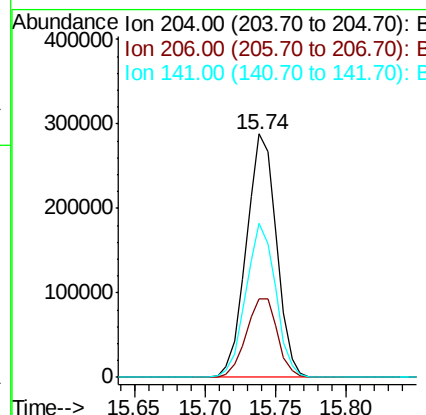
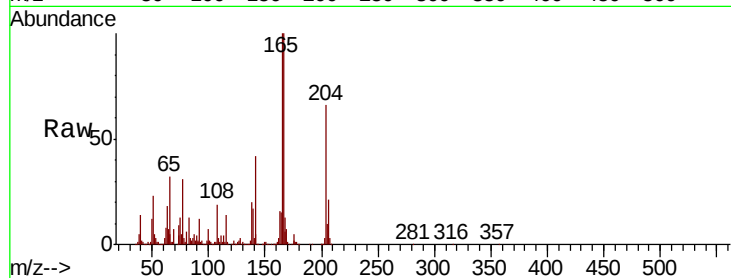
#61
4-Chlorophenyl-phenylether
Concen: 37.598 ng
RT: 15.74 min Scan# 2153
Delta R.T. 0.01 min
Lab File: BG044716.D
Acq: 10 Mar 2020 16:33

Instrument :
BNA_G
ClientSampleId :
ICVBG031020

Tot Ion	Ratio	Resp	Lower	Upper
204	100	430711		
206	32.3		25.8	38.6
141	63.1		50.8	76.2

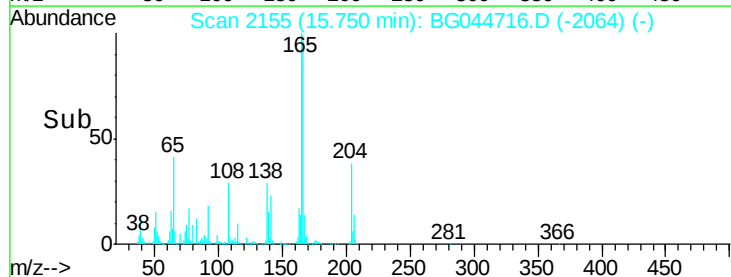
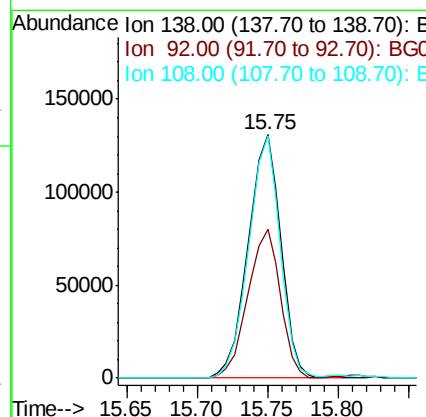
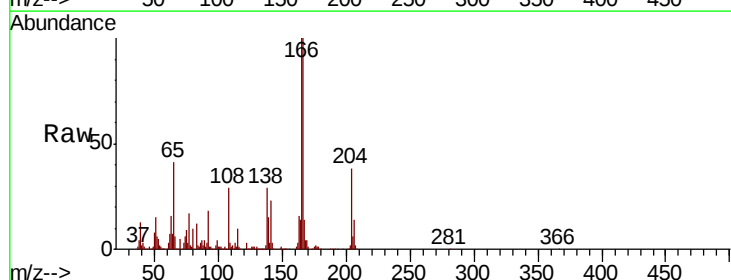
Manual Integrations
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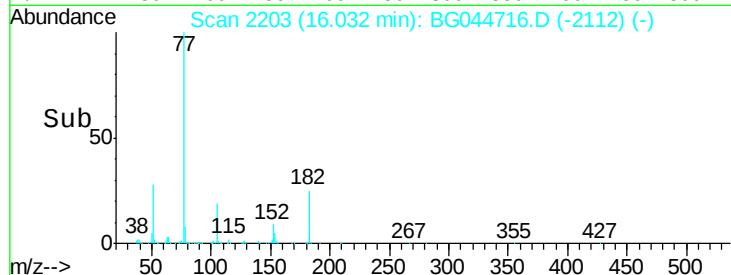
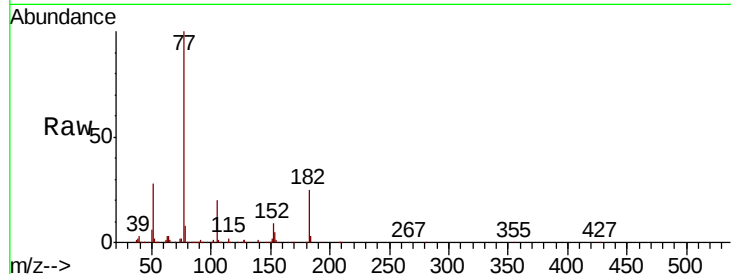
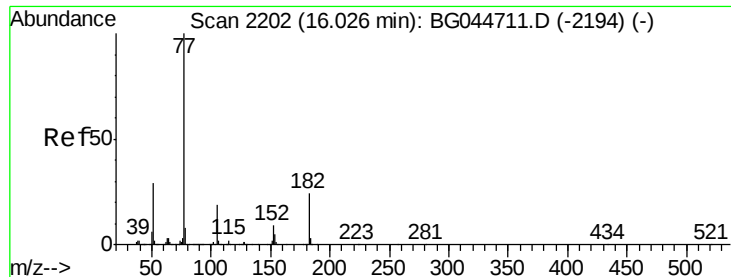
mohammad
3/11/2020 4:57:02 PM



#62
4-Nitroaniline
Concen: 38.154 ng
RT: 15.75 min Scan# 2155
Delta R.T. 0.01 min
Lab File: BG044716.D
Acq: 10 Mar 2020 16:33

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	213822		
92	61.4		42.1	82.1
108	99.3		81.2	121.2





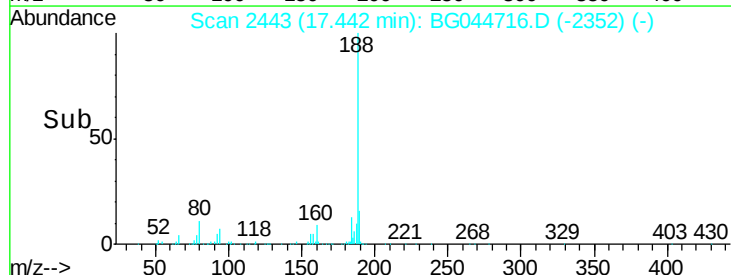
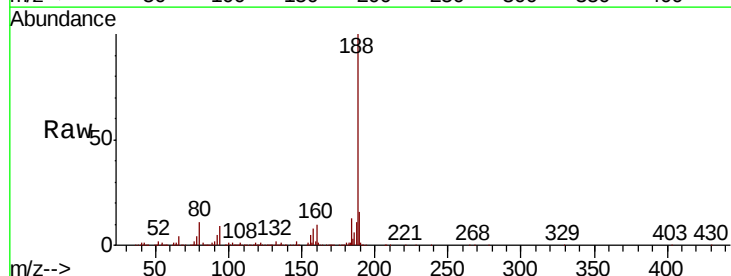
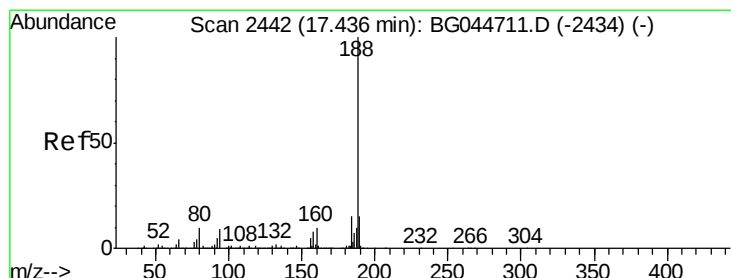
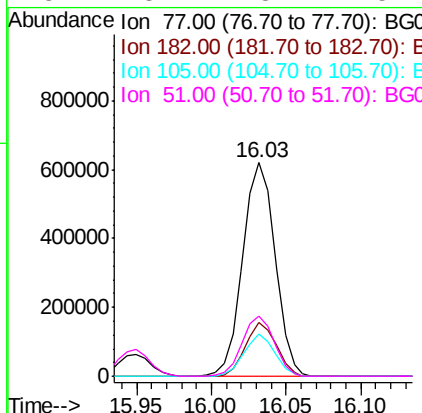
#63
Azobenzene
Concen: 37.825 ng
RT: 16.03 min Scan# 2203
Delta R.T. 0.01 min
Lab File: BG044716.D
Acq: 10 Mar 2020 16:33

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		929124		
182	25.1	3.6	43.6		
105	19.7	0.0	39.3		
51	28.4	8.7	48.7		

Instrument :
BNA_G
ClientSampleId :
ICVBG031020

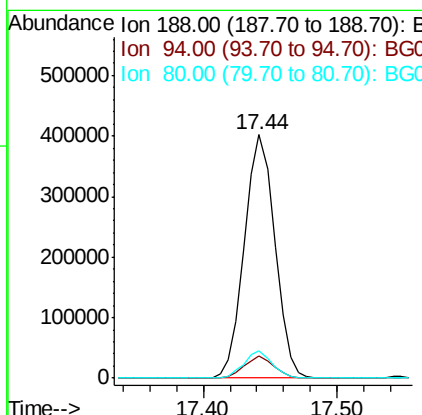
Manual Integrations
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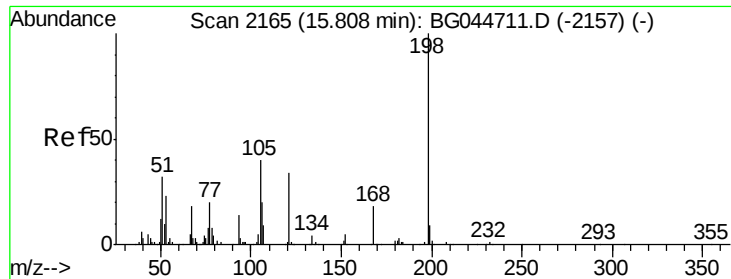
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.44 min Scan# 2443
Delta R.T. 0.01 min
Lab File: BG044716.D
Acq: 10 Mar 2020 16:33

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		632384		
94	9.2	7.0	10.6		
80	11.2	8.4	12.6		





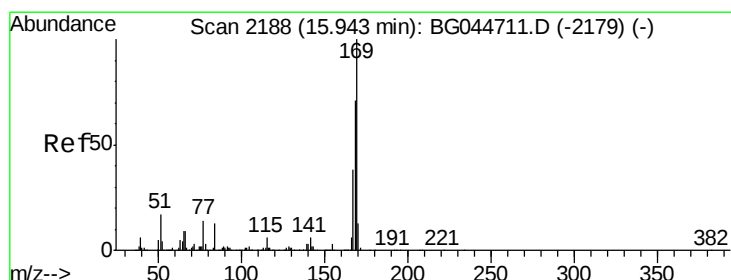
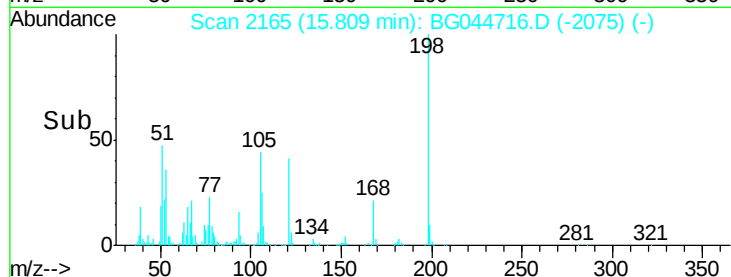
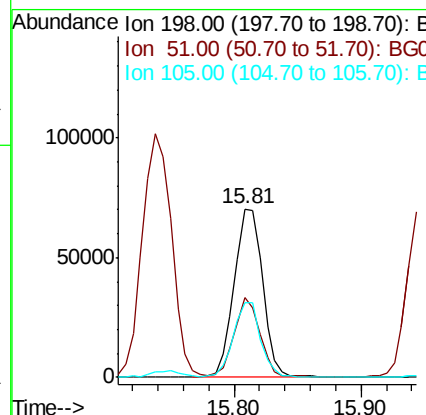
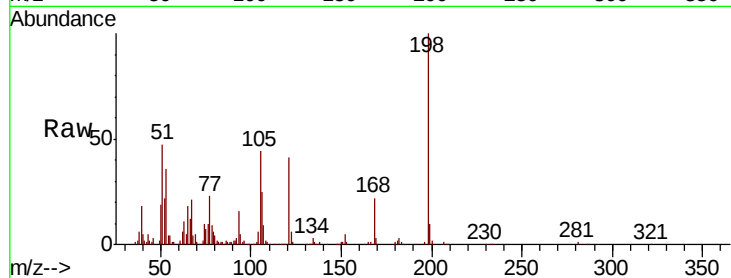
#65
 4,6-Dinitro-2-methylphenol
 Concen: 38.509 ng
 RT: 15.81 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: BG044716.D
 Acq: 10 Mar 2020 16:33

Instrument :
 BNA_G
 ClientSampleId :
 ICVBG031020

Tot Ion	Ratio	Resp	Lower	Upper
198	100	109178		
51	47.3		20.1	60.1
105	44.3		21.3	61.3

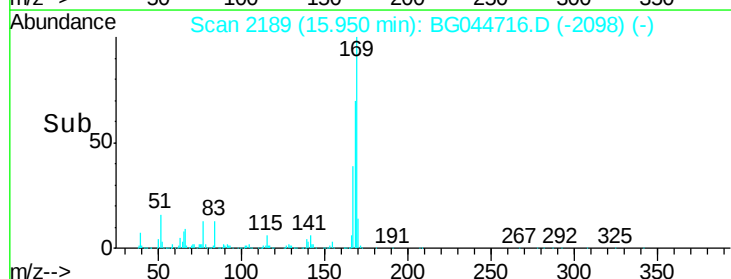
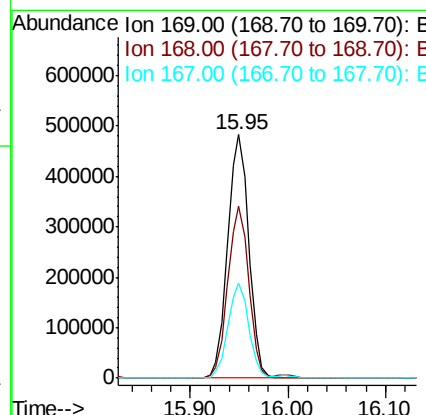
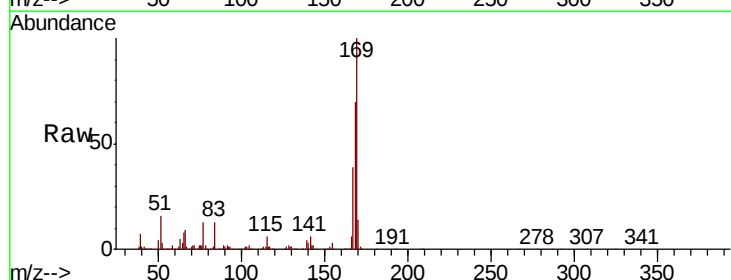
Manual Integrations
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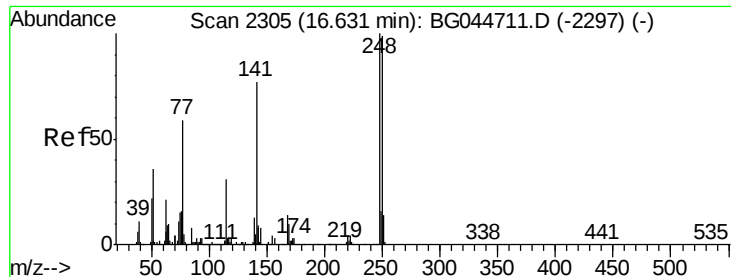
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#66
 n-Nitrosodiphenylamine
 Concen: 38.031 ng
 RT: 15.95 min Scan# 2189
 Delta R.T. 0.01 min
 Lab File: BG044716.D
 Acq: 10 Mar 2020 16:33

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	724079		
168	70.4		56.6	85.0
167	39.0		30.1	45.1





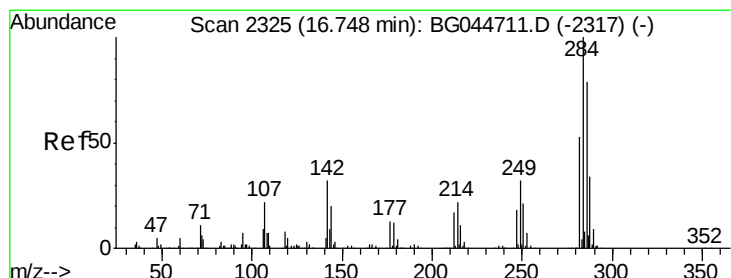
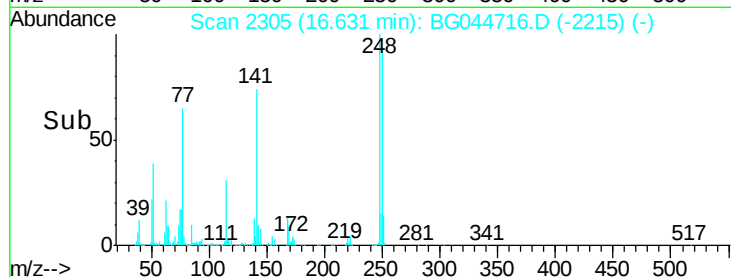
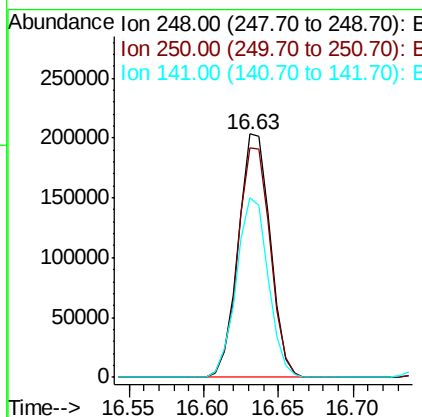
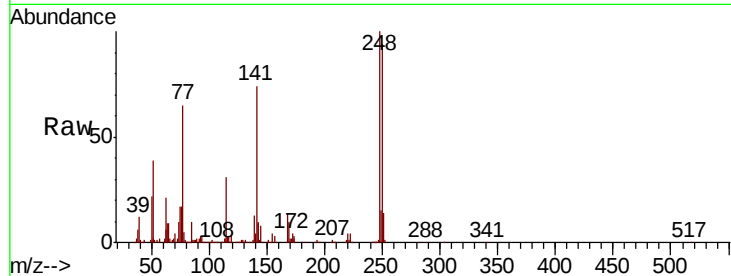
#67
 4-Bromophenyl-phenylether
 Concen: 38.111 ng
 RT: 16.63 min Scan# 2305
 Delta R.T. 0.00 min
 Lab File: BG044716.D
 Acq: 10 Mar 2020 16:33

Instrument :
 BNA_G
 ClientSampleId :
 ICVBG031020

Tot Ion:	248	Resp:	301292
Ion Ratio	Lower	Upper	
248	100		
250	94.5	79.4	119.0
141	74.0	61.7	92.5

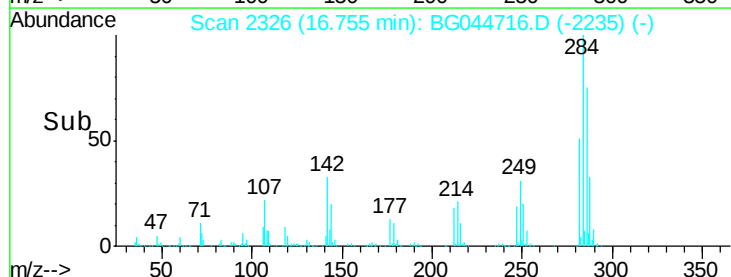
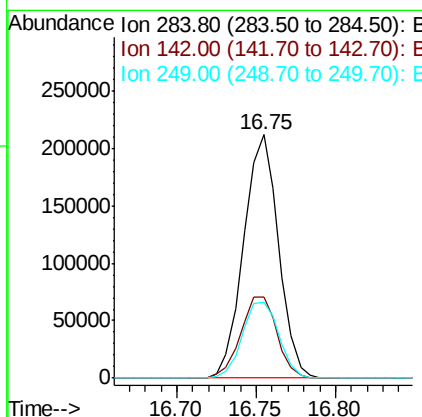
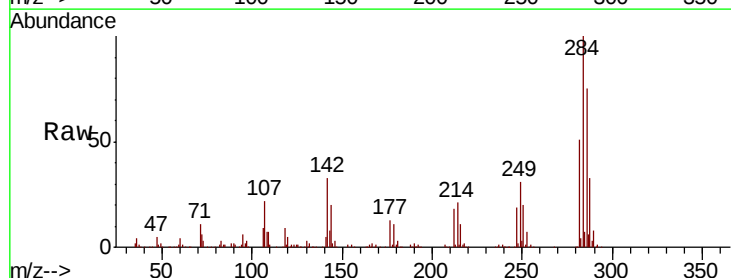
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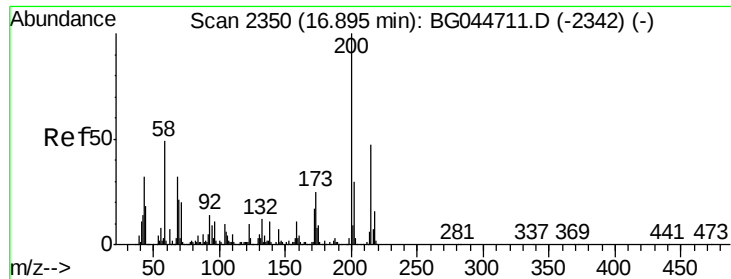
mohammad
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#68
 Hexachlorobenzene
 Concen: 37.613 ng
 RT: 16.75 min Scan# 2326
 Delta R.T. 0.01 min
 Lab File: BG044716.D
 Acq: 10 Mar 2020 16:33

Tgt Ion:	284	Resp:	322601
Ion Ratio	Lower	Upper	
284	100		
142	33.3	25.6	38.4
249	31.4	25.8	38.6





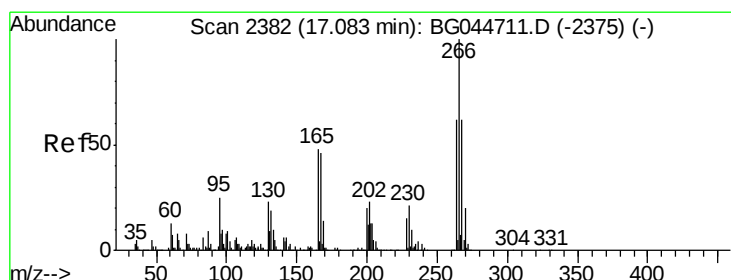
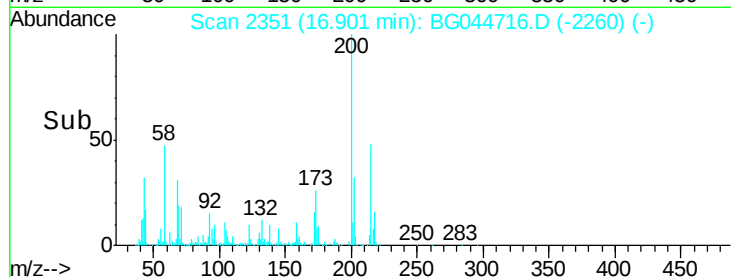
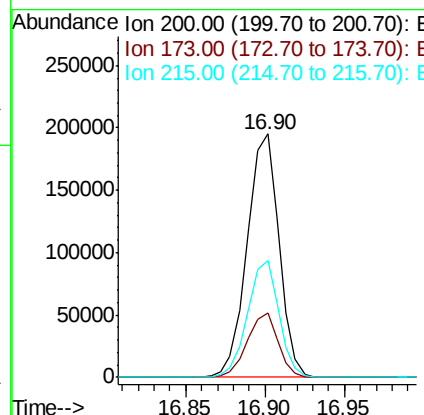
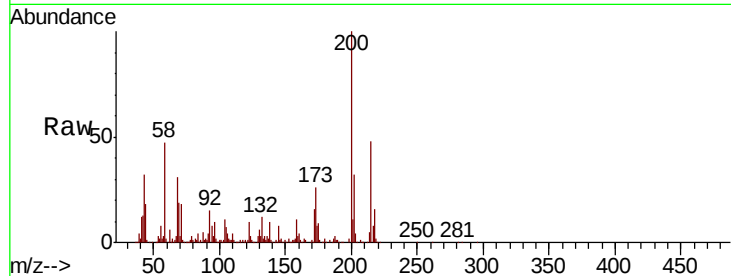
#69
Atrazine
Concen: 39.060 ng
RT: 16.90 min Scan# 2351
Delta R.T. 0.01 min
Lab File: BG044716.D
Acq: 10 Mar 2020 16:33

Instrument :
BNA_G
ClientSampleId :
ICVBG031020

Tot Ion	Ratio	Lower	Upper
200	100		
173	26.3	4.8	44.8
215	48.2	27.4	67.4

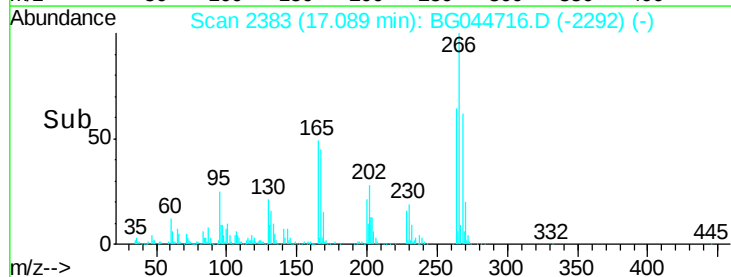
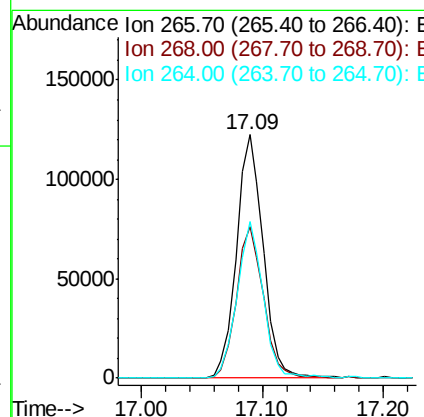
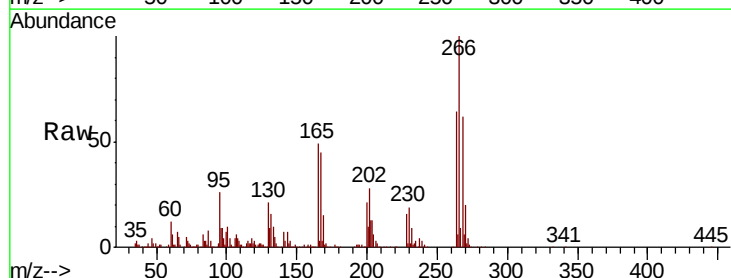
Manual Integrations
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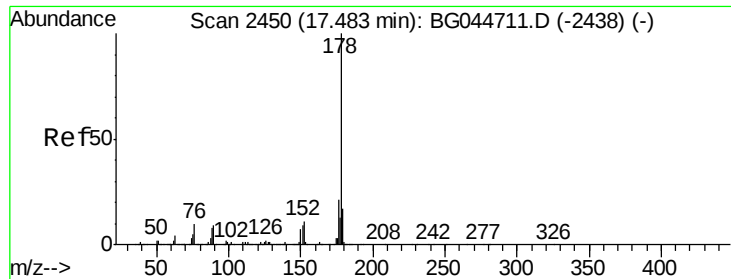
mohammad
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#70
Pentachlorophenol
Concen: 39.953 ng
RT: 17.09 min Scan# 2383
Delta R.T. 0.01 min
Lab File: BG044716.D
Acq: 10 Mar 2020 16:33

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.4	49.9	74.9
264	64.4	49.9	74.9





#71

Phenanthrene

Concen: 38.167 ng

RT: 17.48 min Scan# 2450

Delta R.T. 0.00 min

Lab File: BG044716.D

Acq: 10 Mar 2020 16:33

Instrument :

BNA_G

ClientSampleId :

ICVBG031020

Tot Ion:178 Resp: 1289806

Ion Ratio Lower Upper

178 100

176 21.5 17.0 25.6

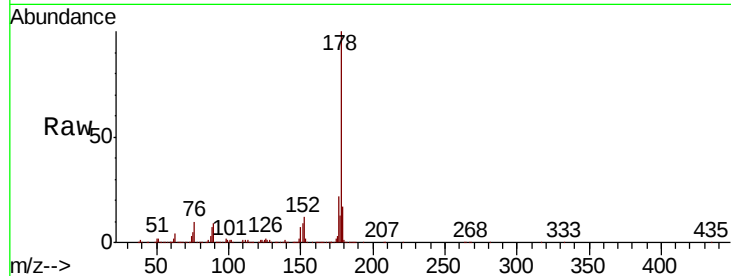
179 17.3 13.7 20.5

Manual Integrations

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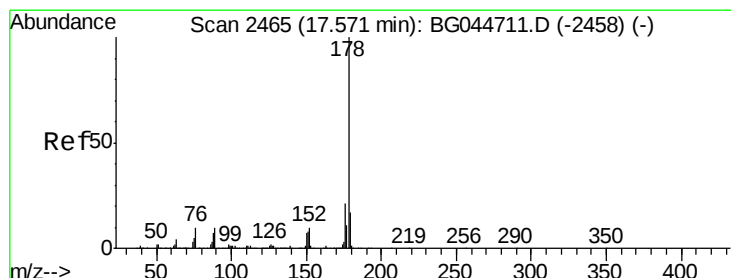
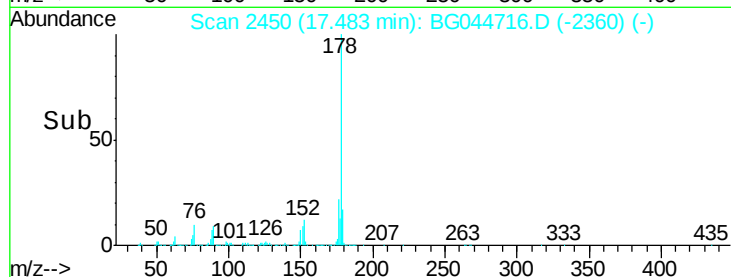
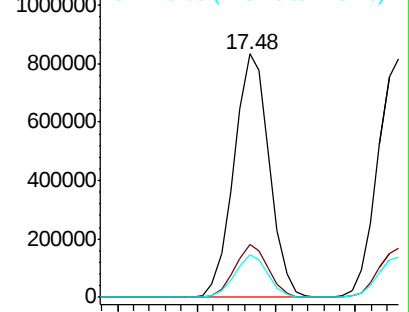
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 38.289 ng

RT: 17.58 min Scan# 2466

Delta R.T. 0.01 min

Lab File: BG044716.D

Acq: 10 Mar 2020 16:33

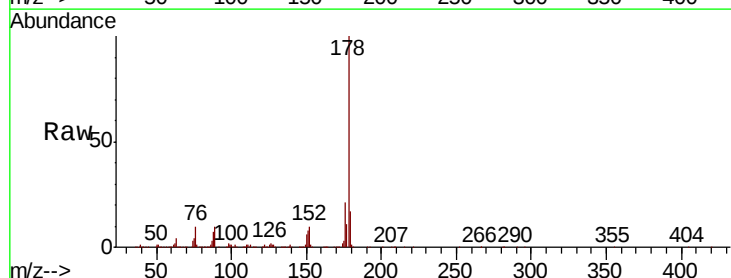
Tgt Ion:178 Resp: 1275866

Ion Ratio Lower Upper

178 100

176 20.5 17.0 25.6

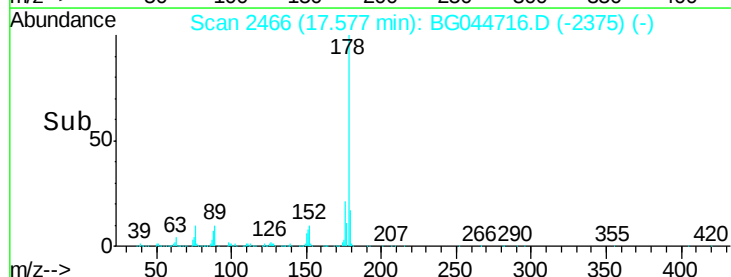
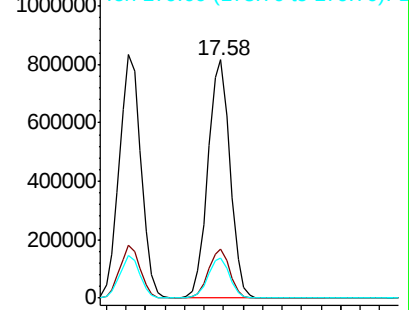
179 16.8 13.8 20.8



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: 37.876 ng

RT: 17.84 min Scan# 2510

Delta R.T. 0.00 min

Lab File: BG044716.D

Acq: 10 Mar 2020 16:33

Instrument :

BNA_G

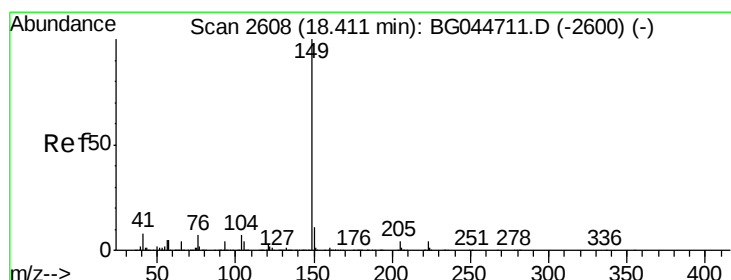
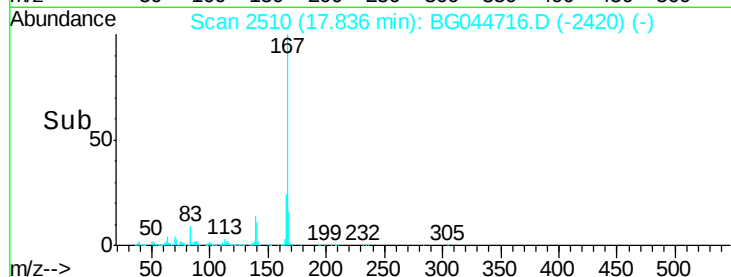
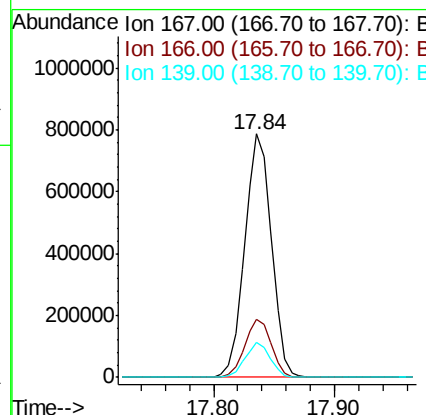
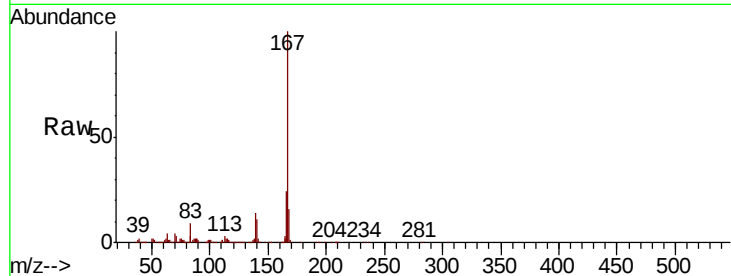
ClientSampleId :

ICVBG031020

Tot Ion:	167	Resp:	1212364
Ion	Ratio	Lower	Upper
167	100		
166	23.8	19.6	29.4
139	14.1	11.4	17.2

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#74

Di-n-butylphthalate

Concen: 38.645 ng

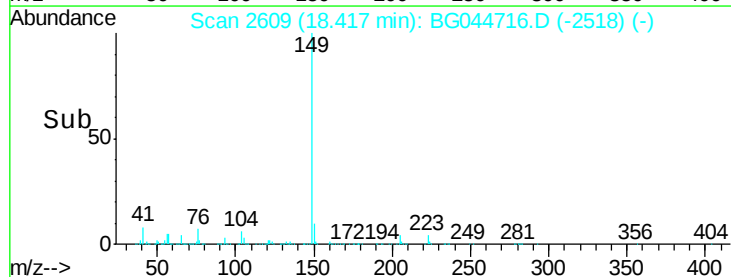
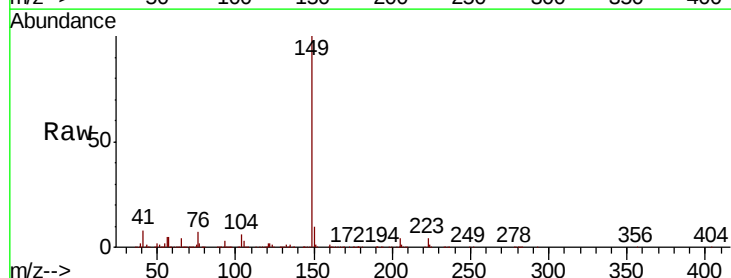
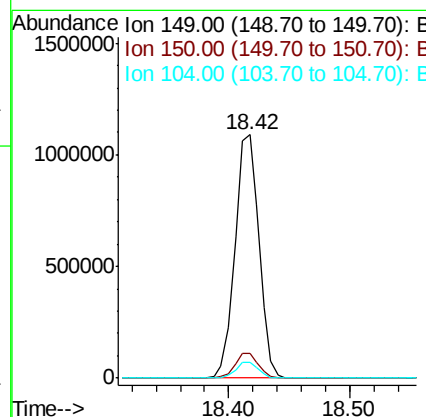
RT: 18.42 min Scan# 2609

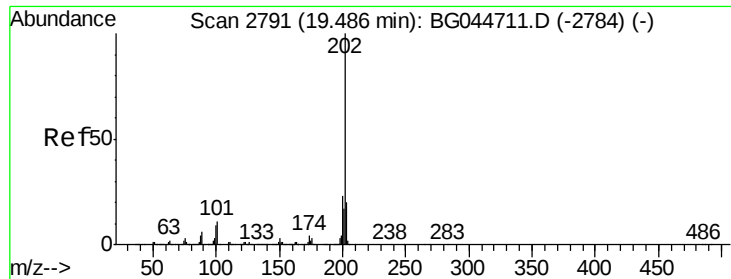
Delta R.T. 0.01 min

Lab File: BG044716.D

Acq: 10 Mar 2020 16:33

Tgt Ion:	149	Resp:	1503691
Ion	Ratio	Lower	Upper
149	100		
150	10.4	8.4	12.6
104	6.3	5.6	8.4





#75

Fluoranthene

Concen: 38.308 ng

RT: 19.49 min Scan# 2792

Delta R.T. 0.01 min

Lab File: BG044716.D

Acq: 10 Mar 2020 16:33

Instrument :

BNA_G

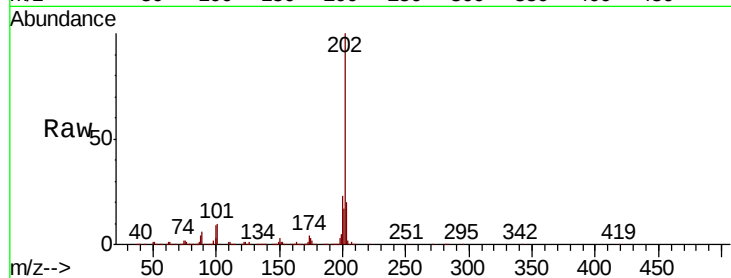
ClientSampled :

ICVBG031020

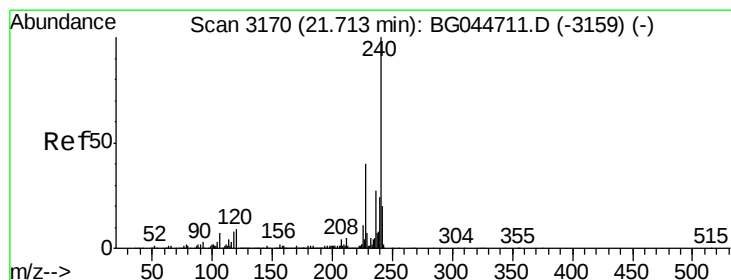
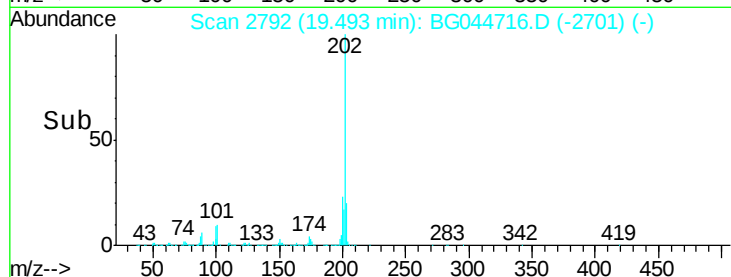
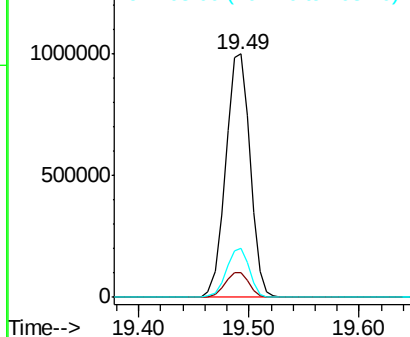
Tot Ion:	202	Resp:	1541400
Ion	Ratio	Lower	Upper
202	100		
101	10.2	0.0	31.3
203	20.0	0.4	40.4

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



#76

Chrysene-d12

Concen: 20.000 ng

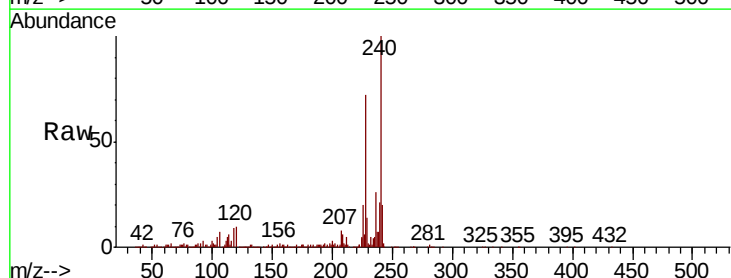
RT: 21.71 min Scan# 3170

Delta R.T. 0.00 min

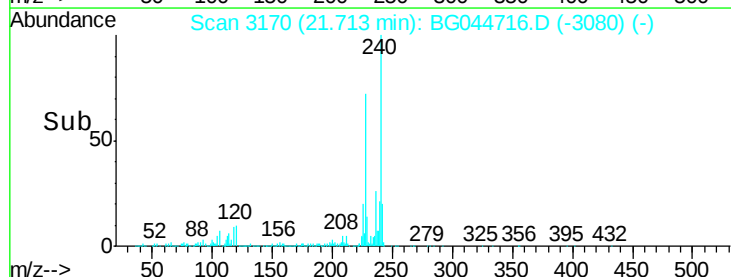
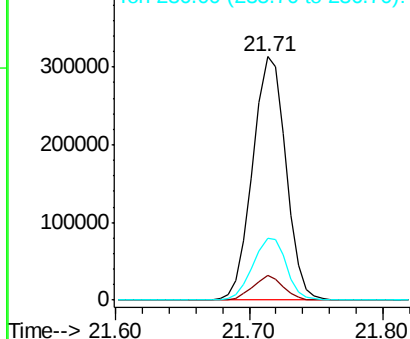
Lab File: BG044716.D

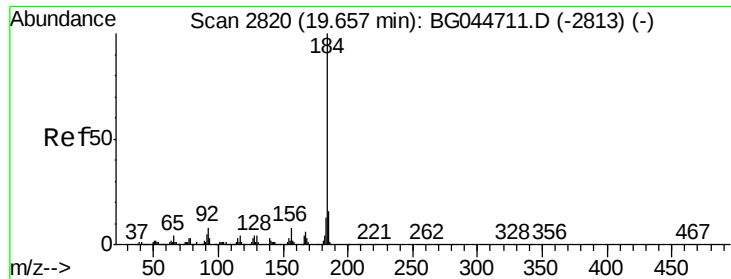
Acq: 10 Mar 2020 16:33

Tgt Ion:	240	Resp:	539391
Ion	Ratio	Lower	Upper
240	100		
120	10.1	6.9	10.3
236	25.5	21.9	32.9



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





#77

Benzidine

Concen: 38.335 ng

RT: 19.66 min Scan# 2821

Delta R.T. 0.01 min

Lab File: BG044716.D

Acq: 10 Mar 2020 16:33

Instrument :

BNA_G

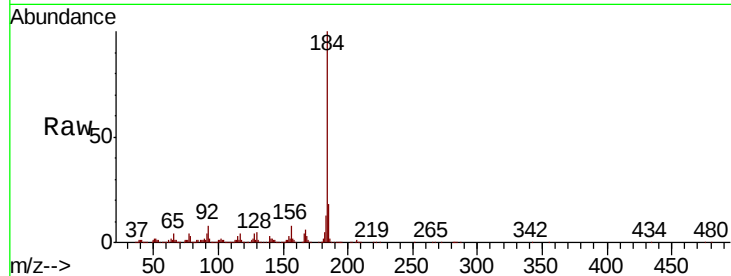
ClientSampleId :

ICVBG031020

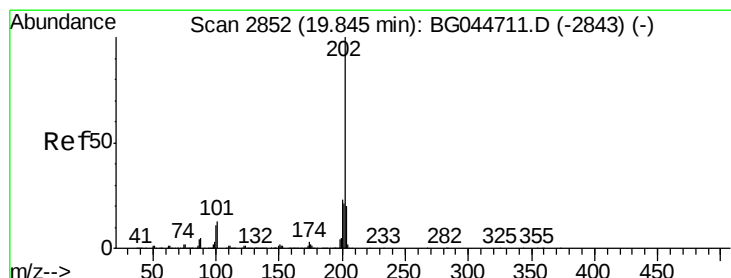
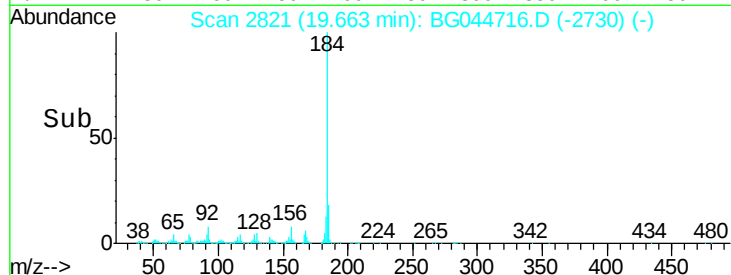
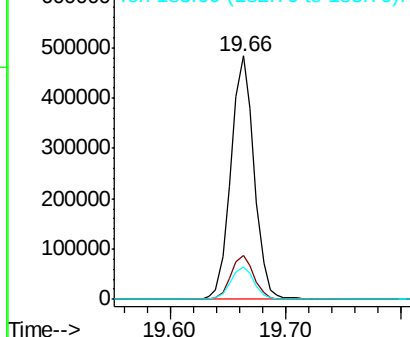
Tot Ion:	184	Resp:	671280
Ion Ratio	Lower	Upper	
184	100		
185	18.1	12.9	19.3
183	13.3	10.6	15.8

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Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 39.008 ng

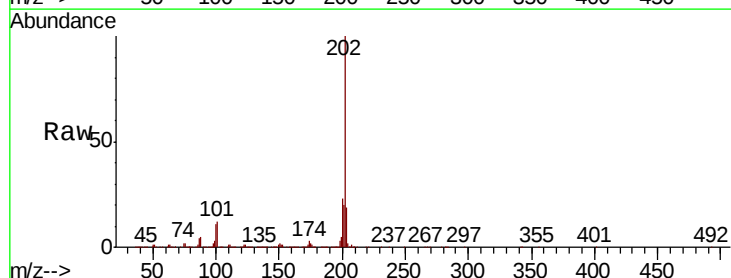
RT: 19.85 min Scan# 2853

Delta R.T. 0.01 min

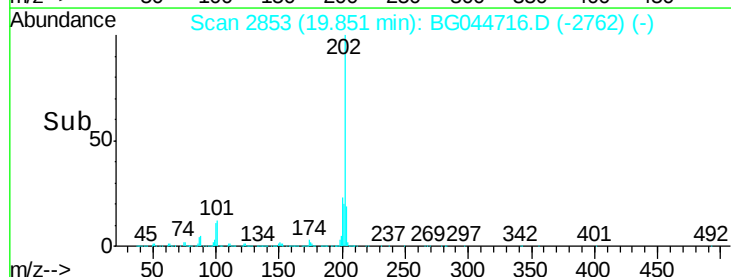
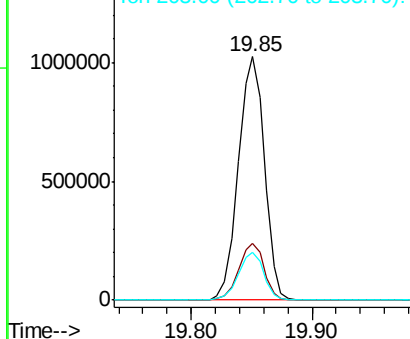
Lab File: BG044716.D

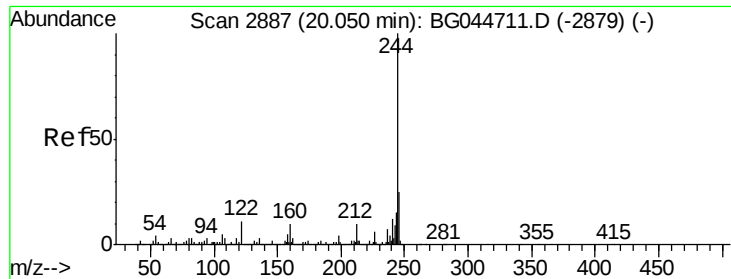
Acq: 10 Mar 2020 16:33

Tgt Ion:	202	Resp:	1543692
Ion Ratio	Lower	Upper	
202	100		
200	23.2	18.7	28.1
203	19.4	16.0	24.0



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 75.720 ng

RT: 20.06 min Scan# 2888

Delta R.T. 0.01 min

Lab File: BG044716.D

Acq: 10 Mar 2020 16:33

Instrument :

BNA_G

ClientSampleId :

ICVBG031020

Tot Ion:244 Resp: 2183448

Ion Ratio Lower Upper

244 100

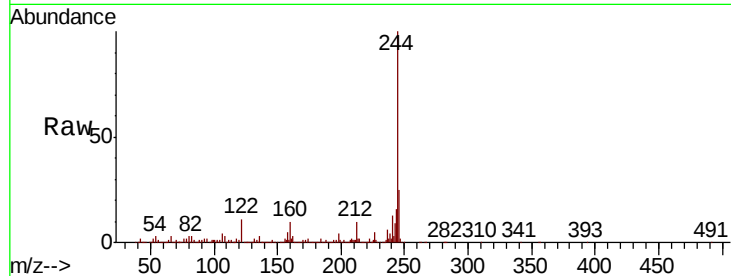
212 9.9 8.4 12.6

122 10.6 8.7 13.1

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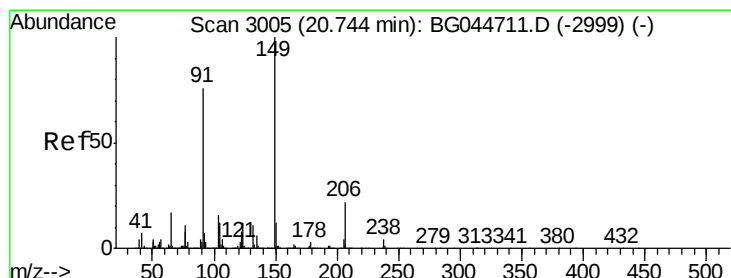
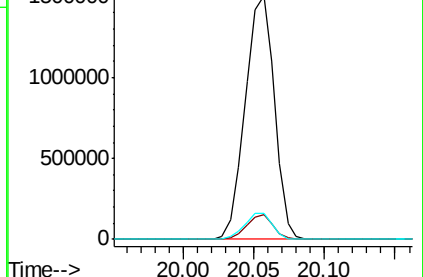
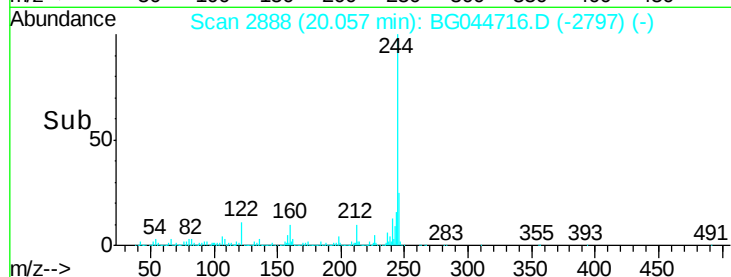
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 38.994 ng

RT: 20.74 min Scan# 3005

Delta R.T. 0.00 min

Lab File: BG044716.D

Acq: 10 Mar 2020 16:33

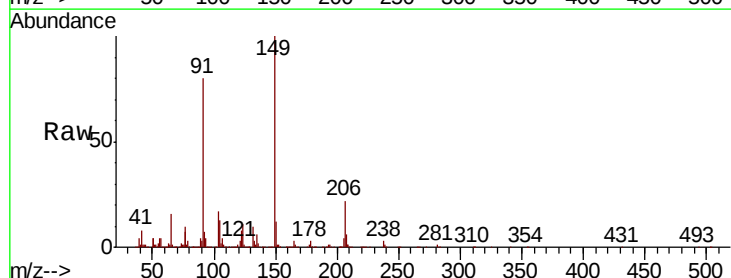
Tgt Ion:149 Resp: 686500

Ion Ratio Lower Upper

149 100

91 79.7 61.1 91.7

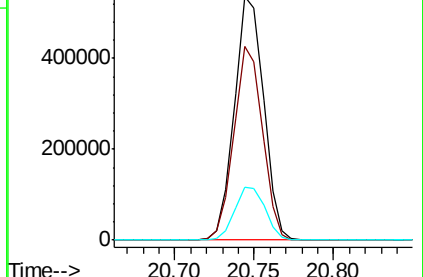
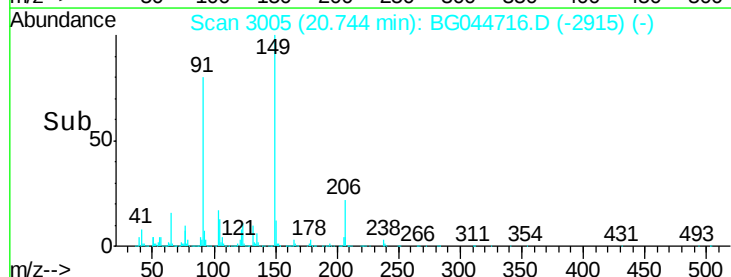
206 21.9 17.4 26.2

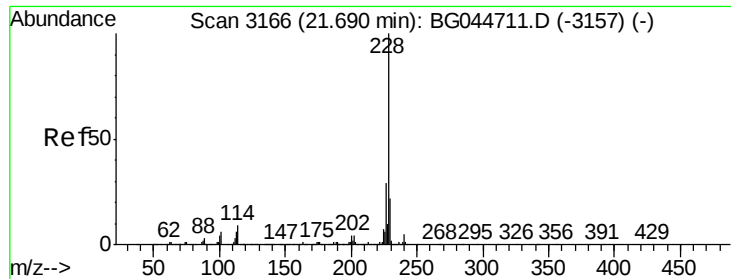


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 37.860 ng

RT: 21.70 min Scan# 3167

Delta R.T. 0.01 min

Lab File: BG044716.D

Acq: 10 Mar 2020 16:33

Instrument :

BNA_G

ClientSampled :

ICVBG031020

Tot Ion:228 Resp: 1470496

Ion Ratio Lower Upper

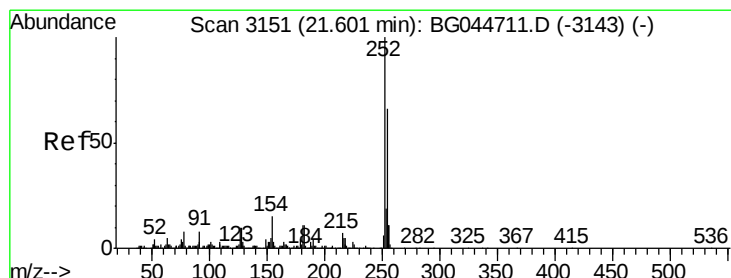
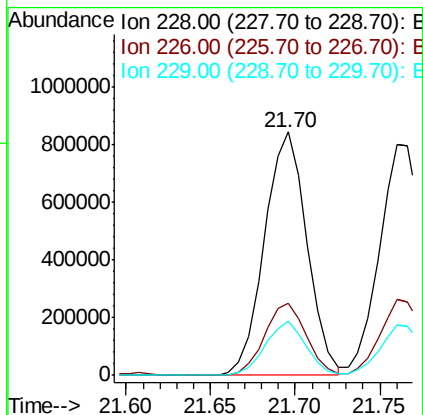
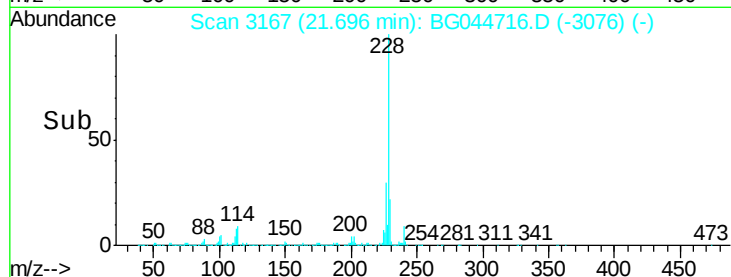
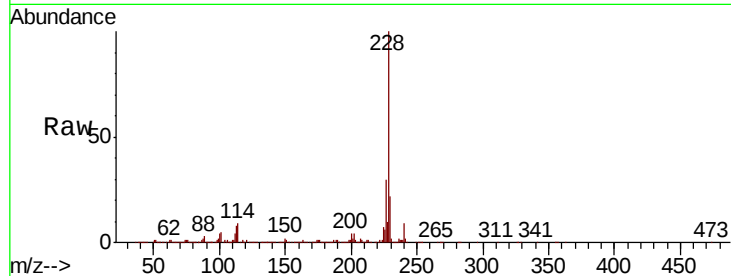
228 100

226 29.6 23.5 35.3

229 22.1 17.2 25.8

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#82

3,3'-Dichlorobenzidine

Concen: 37.619 ng

RT: 21.61 min Scan# 3152

Delta R.T. 0.01 min

Lab File: BG044716.D

Acq: 10 Mar 2020 16:33

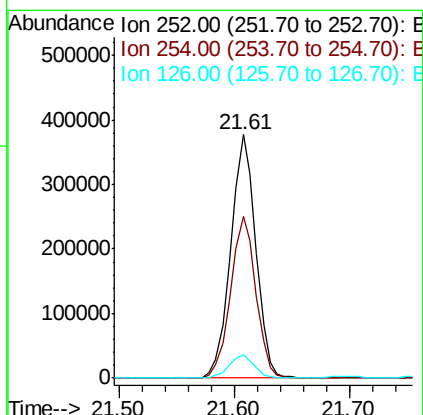
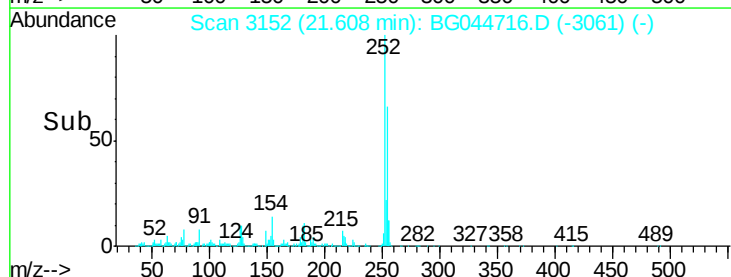
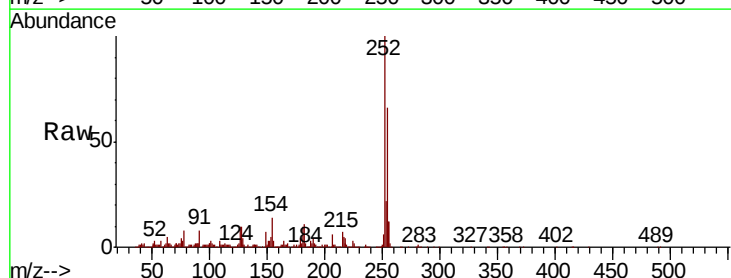
Tgt Ion:252 Resp: 565258

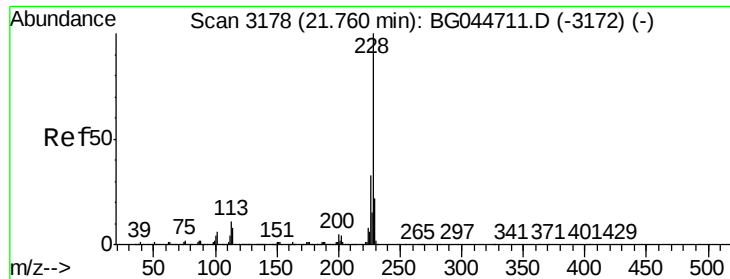
Ion Ratio Lower Upper

252 100

254 66.3 53.0 79.4

126 9.6 8.2 12.4





#83

Chrysene

Concen: 38.341 ng

RT: 21.76 min Scan# 3178

Delta R.T. 0.00 min

Lab File: BG044716.D

Acq: 10 Mar 2020 16:33

Instrument :

BNA_G

ClientSampleId :

ICVBG031020

Tot Ion:228 Resp: 1422501

Ion Ratio Lower Upper

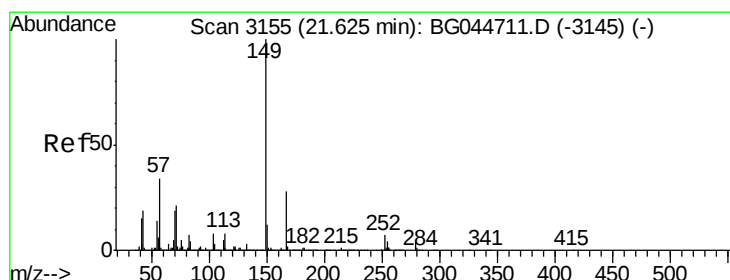
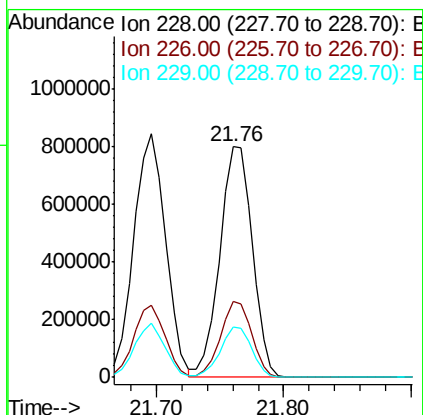
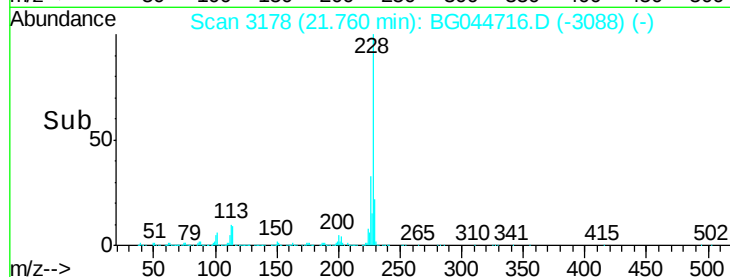
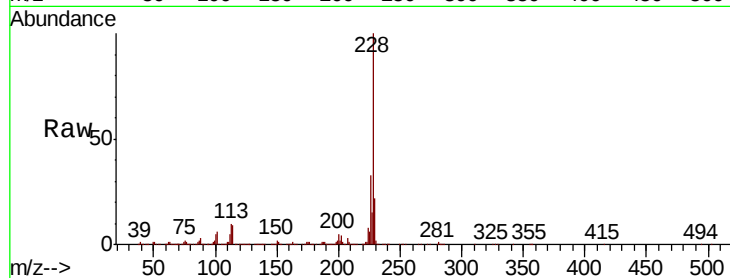
228 100

226 32.8 26.1 39.1

229 22.1 17.4 26.0

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#84

Bis(2-ethylhexyl)phthalate

Concen: 38.732 ng

RT: 21.63 min Scan# 3156

Delta R.T. 0.01 min

Lab File: BG044716.D

Acq: 10 Mar 2020 16:33

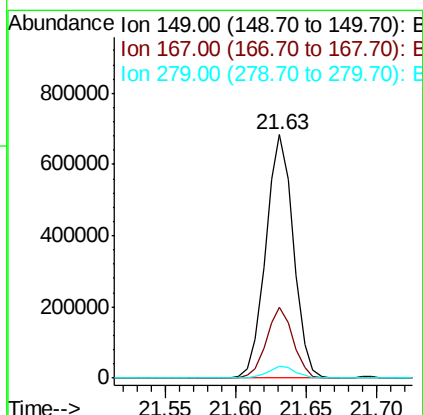
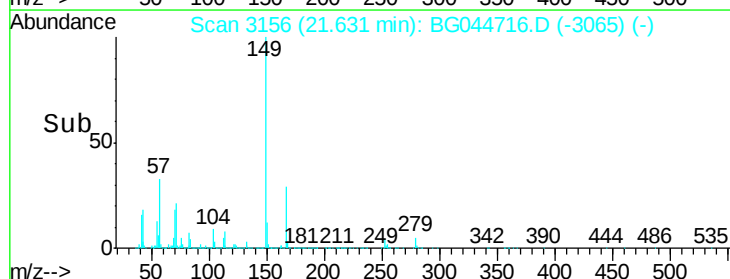
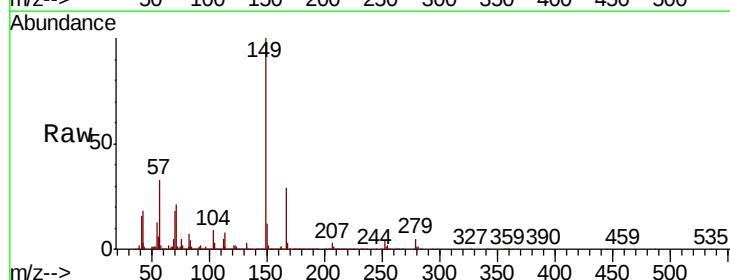
Tgt Ion:149 Resp: 941098

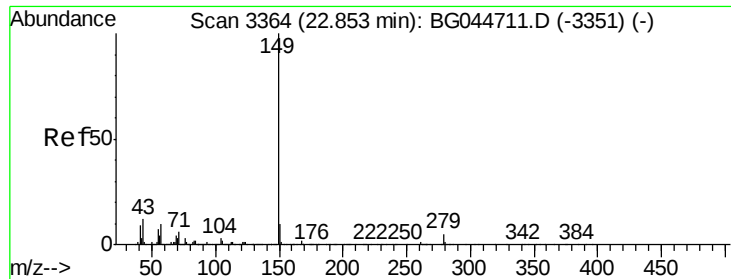
Ion Ratio Lower Upper

149 100

167 29.0 22.6 33.8

279 4.8 3.5 5.3





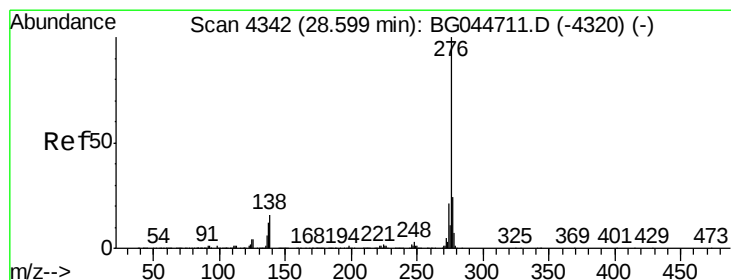
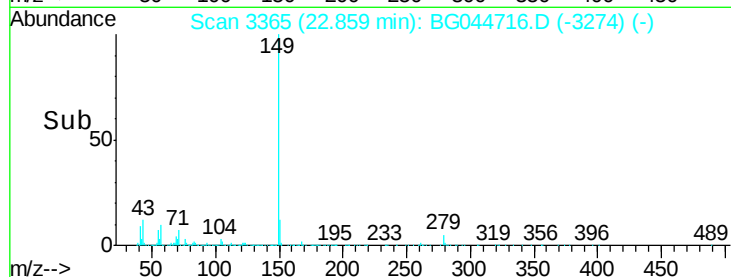
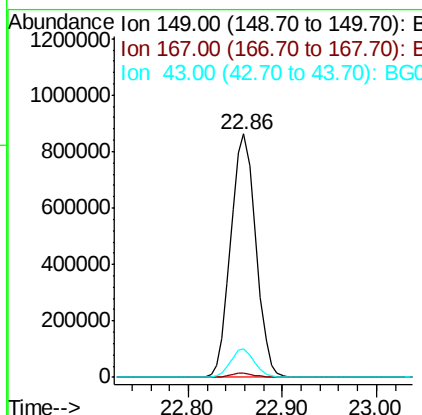
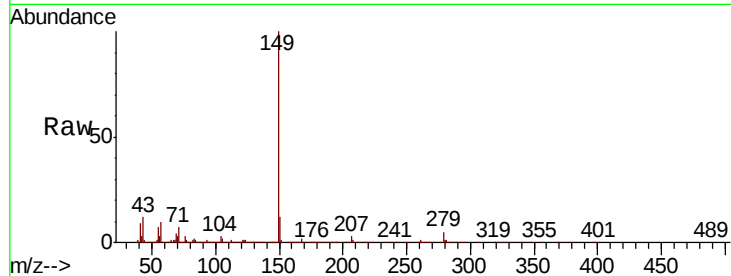
#85
Di-n-octyl phthalate
Concen: 39.307 ng
RT: 22.86 min Scan# 3365
Delta R.T. 0.01 min
Lab File: BG044716.D
Acq: 10 Mar 2020 16:33

Instrument :
BNA_G
ClientSampleId :
ICVBG031020

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.4	2.0
43	11.0	9.0	13.6

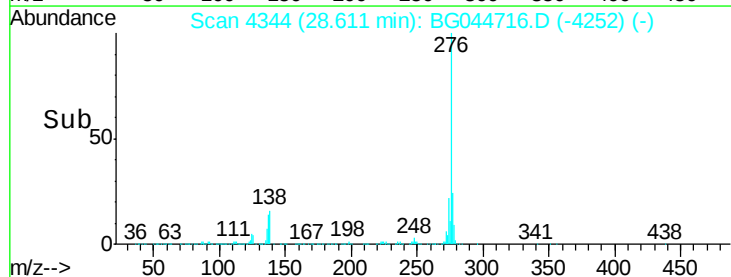
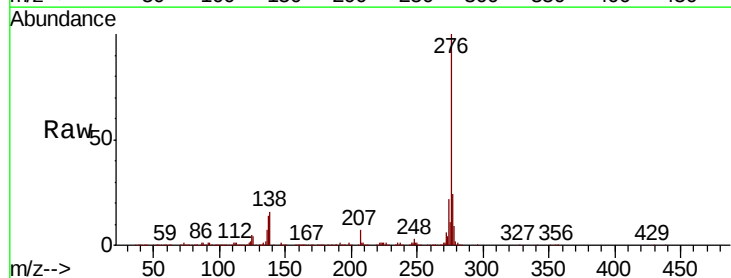
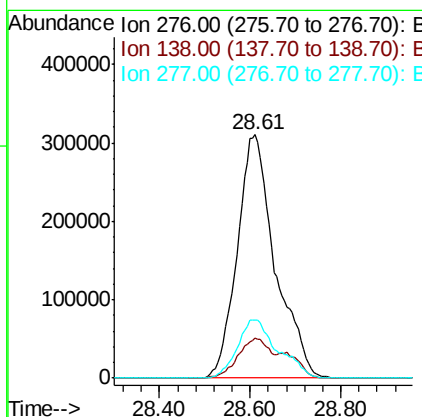
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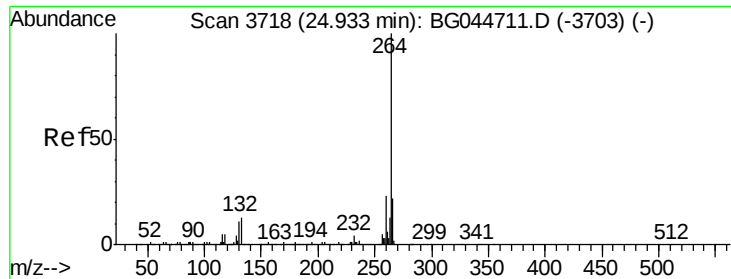
mohammad
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#86
Indeno(1,2,3-cd)pyrene
Concen: 37.002 ng
RT: 28.61 min Scan# 4344
Delta R.T. 0.01 min
Lab File: BG044716.D
Acq: 10 Mar 2020 16:33

Tgt Ion	Ratio	Lower	Upper
276	100		
138	14.1	10.9	16.3
277	25.7	20.8	31.2





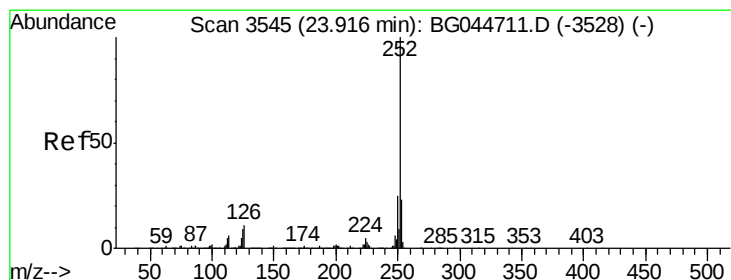
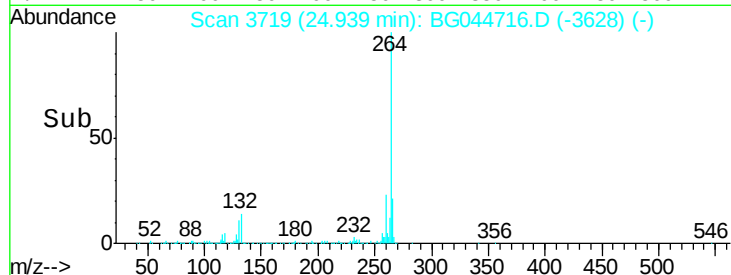
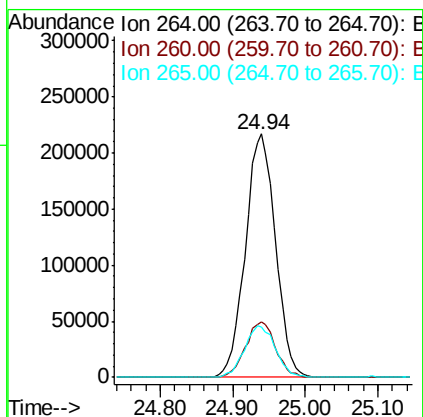
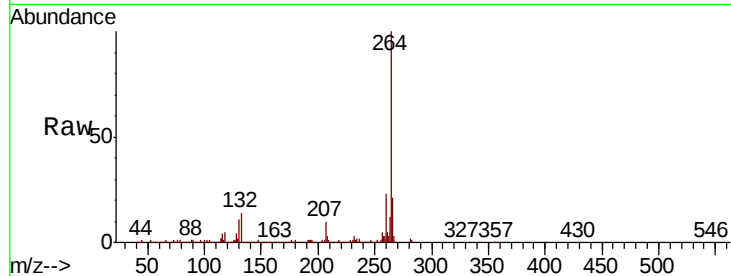
#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.94 min Scan# 3719
Delta R.T. 0.01 min
Lab File: BG044716.D
Acq: 10 Mar 2020 16:33

Instrument :
BNA_G
ClientSampleId :
ICVBG031020

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.8	18.4	27.6
265	20.7	17.4	26.2

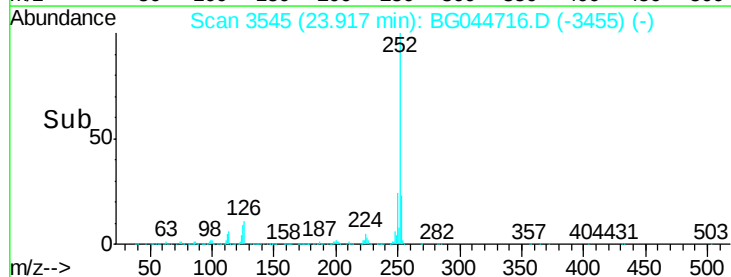
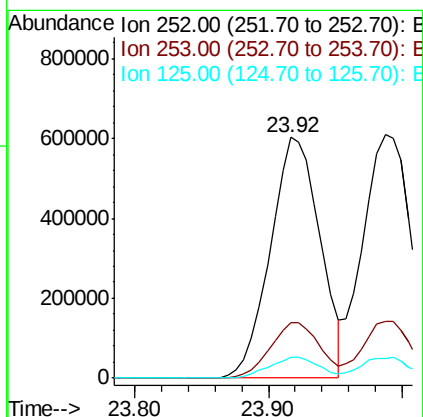
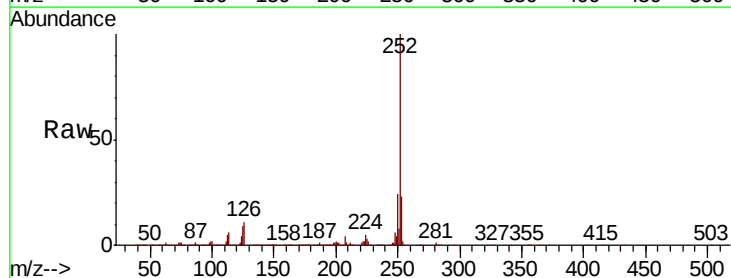
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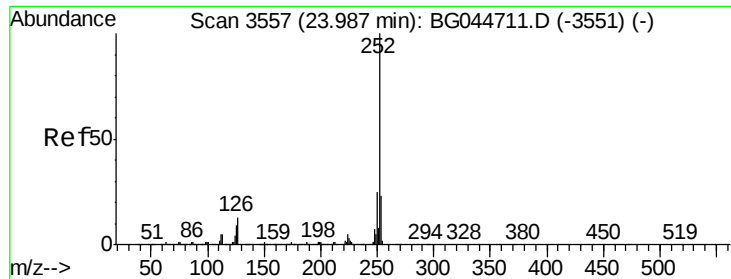
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#88
Benzo(b)fluoranthene
Concen: 37.712 ng
RT: 23.92 min Scan# 3545
Delta R.T. 0.00 min
Lab File: BG044716.D
Acq: 10 Mar 2020 16:33

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.7	28.1
125	8.5	7.2	10.8





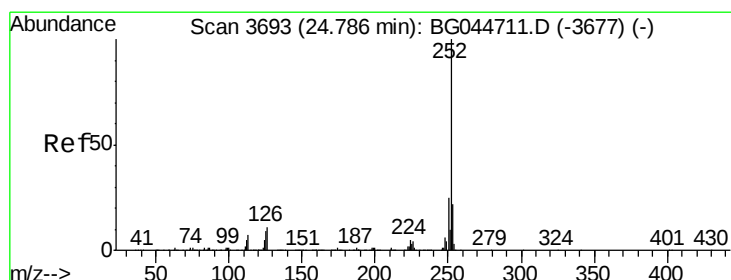
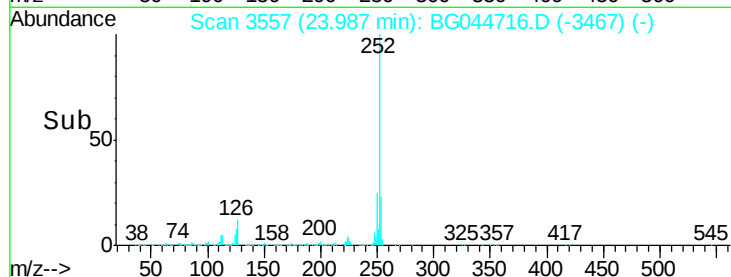
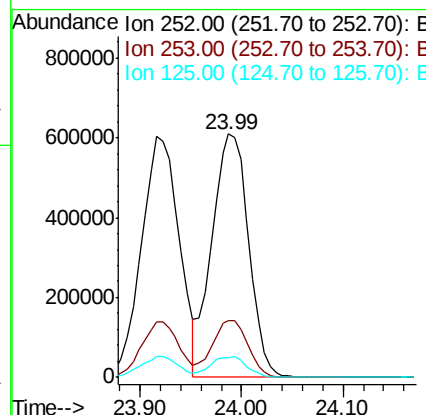
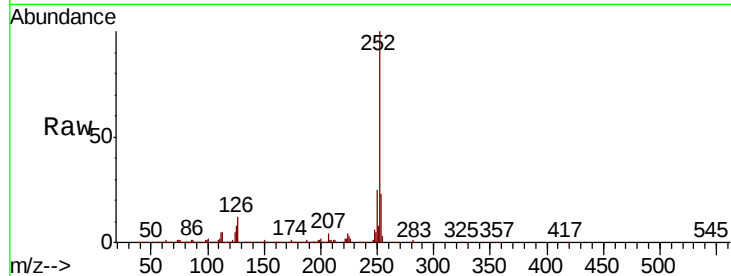
#89
Benzo(k)fluoranthene
Concen: 39.050 ng
RT: 23.99 min Scan# 3557
Delta R.T. 0.00 min
Lab File: BG044716.D
Acq: 10 Mar 2020 16:33

Instrument :
BNA_G
ClientSampleId :
ICVBG031020

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.4	27.6
125	8.3	7.0	10.4

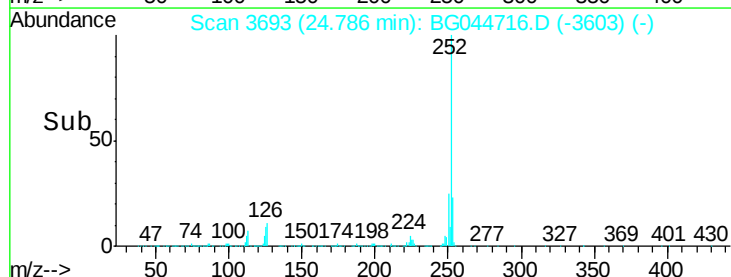
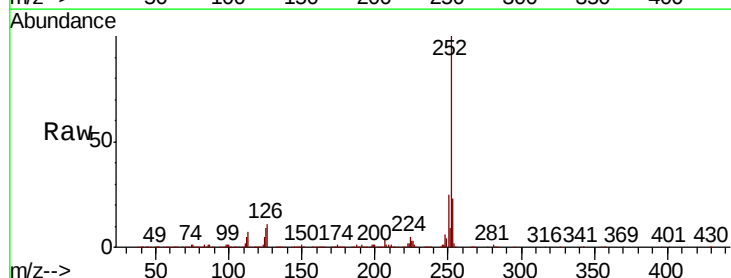
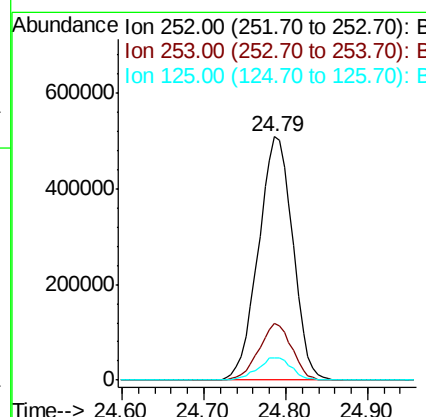
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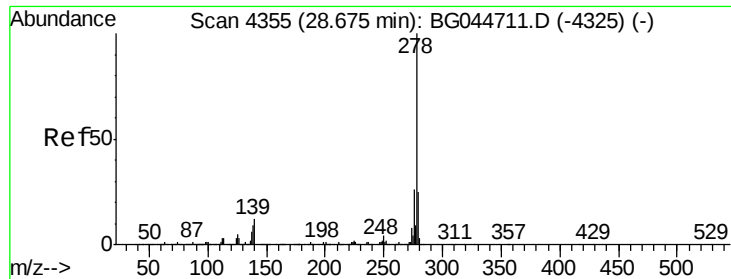
mohammad
3/11/2020 4:57:02 PM



#90
Benzo(a)pyrene
Concen: 38.533 ng
RT: 24.79 min Scan# 3693
Delta R.T. 0.00 min
Lab File: BG044716.D
Acq: 10 Mar 2020 16:33

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.7	26.5
125	9.2	7.0	10.6





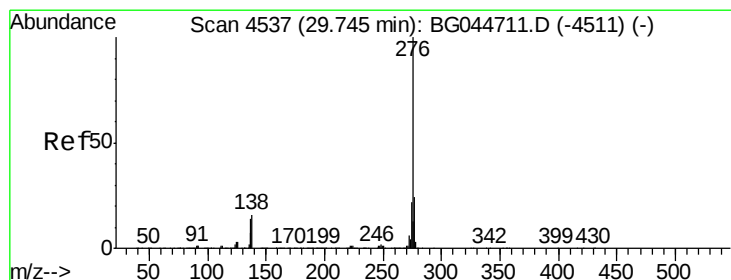
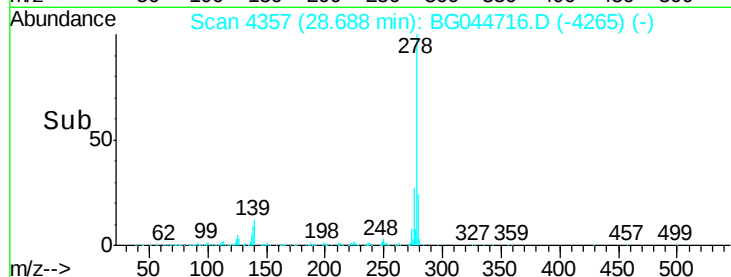
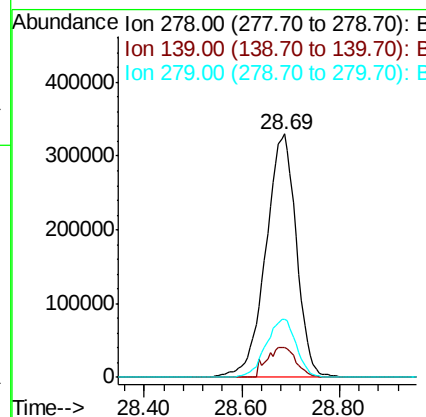
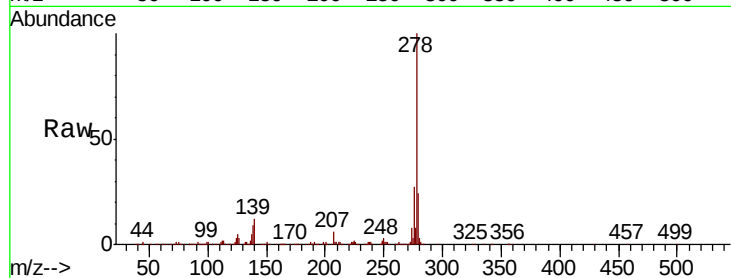
#91
Dibenzo(a,h)anthracene
Concen: 37.772 ng
RT: 28.69 min Scan# 4357
Delta R.T. 0.01 min
Lab File: BG044716.D
Acq: 10 Mar 2020 16:33

Instrument :
BNA_G
ClientSampleId :
ICVBG031020

Tot Ion	Ratio	Lower	Upper
278	100		
139	12.2	9.9	14.9
279	24.0	20.2	30.4

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 37.396 ng
RT: 29.74 min Scan# 4536
Delta R.T. -0.01 min
Lab File: BG044716.D
Acq: 10 Mar 2020 16:33

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.3	18.8	28.2
138	15.5	13.0	19.4

