

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG030520\
 Data File : BG044688.D
 Acq On : 5 Mar 2020 17:43
 Operator : CG/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ICVBG030520

Manual Integrations
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 3/6/2020 10:17:41 PM

Quant Time: Mar 05 18:24:23 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG030520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 05 17:42:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	67690	20.00	ng	0.01
21) Naphthalene-d8	10.88	136	273038	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	196490	20.00	ng	0.00
64) Phenanthrene-d10	17.45	188	446014	20.00	ng	0.00
76) Chrysene-d12	21.72	240	391540	20.00	ng	0.00
87) Perylene-d12	24.95	264	464910	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	337540	74.89	ng	0.00
7) Phenol-d6	7.22	99	512894	75.28	ng	0.01
23) Nitrobenzene-d5	9.22	82	497533	82.97	ng	0.00
42) 2,4,6-Tribromophenol	16.18	330	206885	76.65	ng	0.00
45) 2-Fluorobiphenyl	13.33	172	1072787	76.06	ng	0.00
79) Terphenyl-d14	20.06	244	1694376	77.25	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.53	88	79555	36.824	ng	97
3) Pyridine	3.92	79	247026	36.878	ng	99
4) n-Nitrosodimethylamine	3.83	42	102191	36.066	ng	86
6) Aniline	7.38	93	318958	37.373	ng	99
8) 2-Chlorophenol	7.63	128	171434	37.529	ng	99
9) Benzaldehyde	7.19	77	155512	36.601	ng	99
10) Phenol	7.24	94	249792	37.221	ng	97
11) bis(2-Chloroethyl)ether	7.48	93	195145	37.843	ng	99
12) 1,3-Dichlorobenzene	7.96	146	202714	37.313	ng	97
13) 1,4-Dichlorobenzene	8.11	146	203194	37.437	ng	96
14) 1,2-Dichlorobenzene	8.42	146	193008	37.619	ng	95
15) Benzyl Alcohol	8.30	79	220592	37.532	ng	94
16) 2,2'-oxybis(1-Chloropropan	8.60	45	351579	36.087	ng	98
17) 2-Methylphenol	8.50	107	170059	36.982	ng	97
18) Hexachloroethane	9.16	117	84097	38.631	ng	93
19) n-Nitroso-di-n-propylamine	8.87	70	182193	35.798	ng	99
20) 3+4-Methylphenols	8.83	107	237581	37.088	ng	100
22) Acetophenone	8.89	105	301953	37.883	ng	98
24) Nitrobenzene	9.27	77	256403	40.327	ng	98
25) Isophorone	9.80	82	502924	38.030	ng	98
26) 2-Nitrophenol	9.98	139	88905	41.227	ng	97
27) 2,4-Dimethylphenol	10.04	122	159376	38.413	ng	95
28) bis(2-Chloroethoxy)methane	10.28	93	286623	38.498	ng	97
29) 2,4-Dichlorophenol	10.51	162	185589	39.314	ng	97
30) 1,2,4-Trichlorobenzene	10.74	180	212053	38.670	ng	99
31) Naphthalene	10.93	128	595951	38.893	ng	97
32) Benzoic acid	10.17	122	130806	41.846	ng	# 79
33) 4-Chloroaniline	11.03	127	263302	37.308	ng	97
34) Hexachlorobutadiene	11.22	225	145116	38.734	ng	94
35) Caprolactam	11.79	113	74438	37.774	ng	95
36) 4-Chloro-3-methylphenol	12.14	107	227150	37.995	ng	95
37) 2-Methylnaphthalene	12.53	142	439665	38.023	ng	97
38) 1-Methylnaphthalene	12.75	142	414929	37.959	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.90	216	241055	37.790	ng	98

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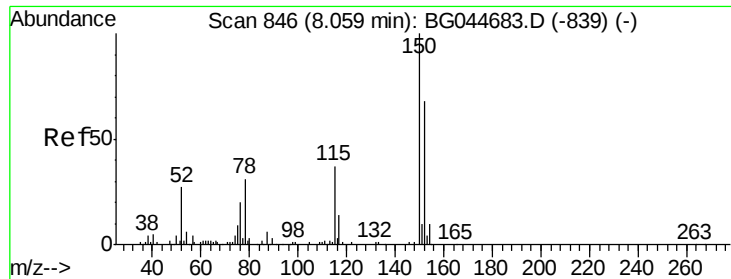
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.89	237	136323	36.548	nq	99
43) 2,4,6-Trichlorophenol	13.13	196	170872	38.641	nq	92
44) 2,4,5-Trichlorophenol	13.20	196	172903	38.126	nq	92
46) 1,1'-Biphenyl	13.54	154	586105	37.503	nq	99
47) 2-Chloronaphthalene	13.58	162	446022	37.415	nq	99
48) 2-Nitroaniline	13.76	65	166096	39.551	nq	99
49) Acenaphthylene	14.42	152	719796	37.688	nq	100
50) Dimethylphthalate	14.16	163	620211	37.968	nq	99
51) 2,6-Dinitrotoluene	14.26	165	122565	41.756	nq	97
52) Acenaphthene	14.77	154	469653	38.031	nq	99
53) 3-Nitroaniline	14.59	138	137646	40.691	nq	91
54) 2,4-Dinitrophenol	14.79	184	53808	38.213	nq	# 40
55) Dibenzofuran	15.10	168	691273	37.358	nq	99
56) 4-Nitrophenol	14.89	139	109700	41.680	nq	98
57) 2,4-Dinitrotoluene	15.05	165	167679	40.895	nq	98
58) Fluorene	15.75	166	573514	37.473	nq	97
59) 2,3,4,6-Tetrachlorophenol	15.32	232	168431m	39.023	nq	
60) Diethylphthalate	15.53	149	652127	37.340	nq	98
61) 4-Chlorophenyl-phenylether	15.74	204	309060	37.215	nq	97
62) 4-Nitroaniline	15.75	138	144711	38.840	nq	95
63) Azobenzene	16.04	77	679780	37.194	nq	99
65) 4,6-Dinitro-2-methylphenol	15.81	198	75595	40.073	nq	93
66) n-Nitrosodiphenylamine	15.95	169	516544	37.878	nq	100
67) 4-Bromophenyl-phenylether	16.64	248	212932	37.854	nq	96
68) Hexachlorobenzene	16.76	284	229531	37.790	nq	98
69) Atrazine	16.90	200	206171	39.122	nq	99
70) Pentachlorophenol	17.09	266	140715	40.828	nq	92
71) Phenanthrene	17.49	178	936659	38.300	nq	98
72) Anthracene	17.58	178	921852	38.270	nq	99
73) Carbazole	17.84	167	880958	38.189	nq	97
74) Di-n-butylphthalate	18.42	149	1122144	38.624	nq	99
75) Fluoranthene	19.49	202	1127221	38.137	nq	99
77) Benzidine	19.67	184	555447	35.538	nq	96
78) Pyrene	19.86	202	1133779	37.964	nq	99
80) Butylbenzylphthalate	20.75	149	525734	39.439	nq	97
81) Benzo(a)anthracene	21.70	228	1114198	37.947	nq	99
82) 3,3'-Dichlorobenzidine	21.61	252	443431	37.930	nq	98
83) Chrysene	21.77	228	1052454	37.658	nq	99
84) Bis(2-ethylhexyl)phthalate	21.64	149	715936	38.513	nq	98
85) Di-n-octyl phthalate	22.87	149	1250078	39.159	nq	99
86) Indeno(1,2,3-cd)pyrene	28.62	276	1374968	37.251	nq	# 96
88) Benzo(b)fluoranthene	23.93	252	1198679	37.883	nq	99
89) Benzo(k)fluoranthene	24.00	252	1139319	38.414	nq	99
90) Benzo(a)pyrene	24.80	252	1107718	37.588	nq	99
91) Dibenzo(a,h)anthracene	28.70	278	1095708	37.287	nq	98
92) Benzo(g,h,i)perylene	29.77	276	1108293	37.652	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: BG044688.D

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Instrument :

BNA_G

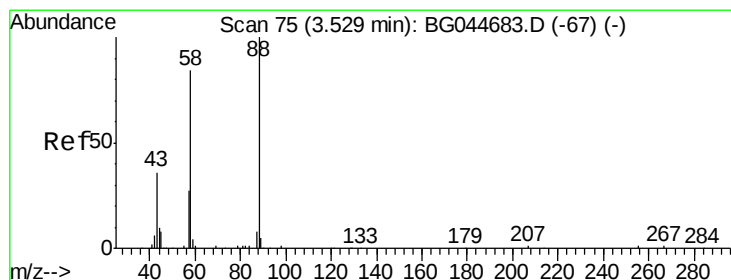
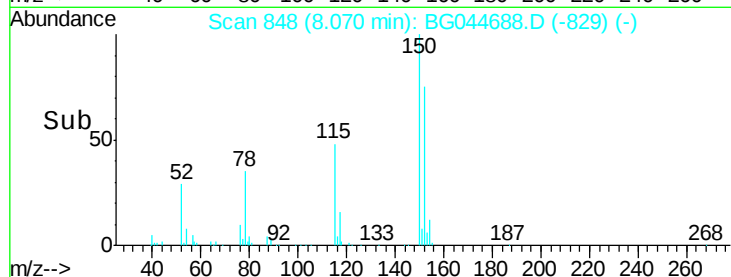
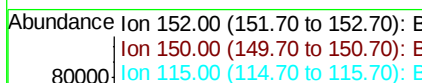
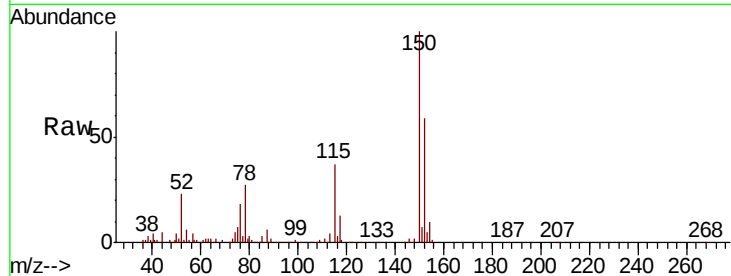
ClientSampleId :

ICVBG030520

Tot Ion:	152	Resp:	67690
Ion	Ratio	Lower	Upper
152	100		
150	170.6	118.6	177.8
115	63.5	43.6	65.4

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#2

1,4-Dioxane

Concen: 36.824 ng

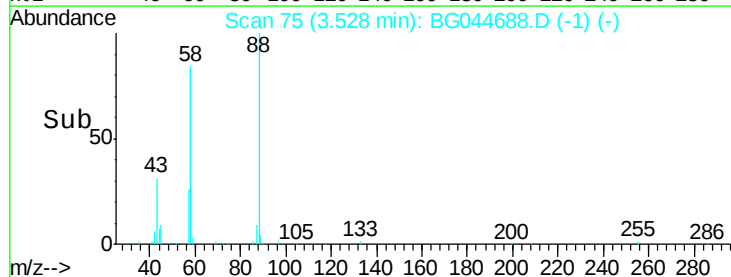
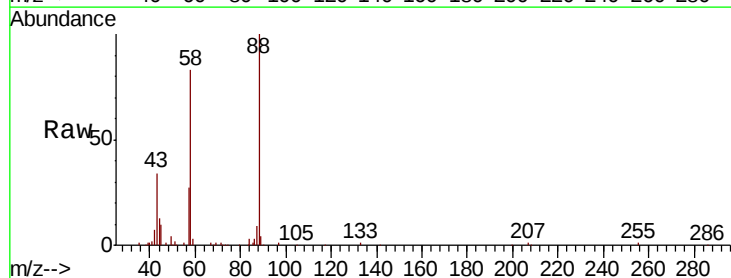
RT: 3.53 min Scan# 75

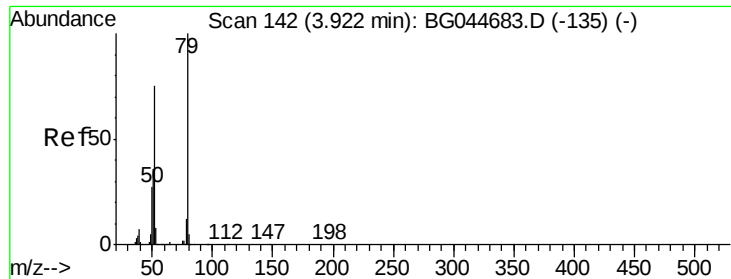
Delta R.T. -0.00 min

Lab File: BG044688.D

Acq: 5 Mar 2020 17:43

Tgt Ion:	88	Resp:	79555
Ion	Ratio	Lower	Upper
88	100		
58	84.2	66.6	99.8
43	30.9	27.4	41.2





#3

Pvridine

Concen: 36.878 ng

RT: 3.92 min Scan# 142

Delta R.T. -0.00 min

Lab File: BG044688.D

Acq: 5 Mar 2020 17:43

Instrument :

BNA_G

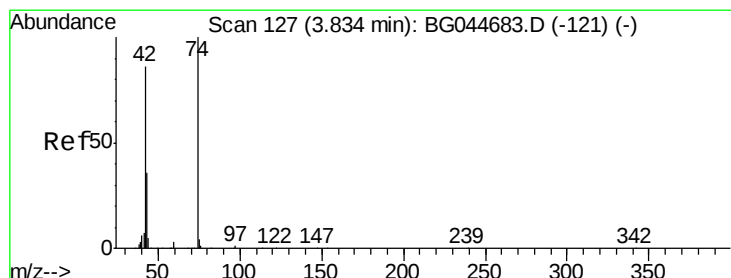
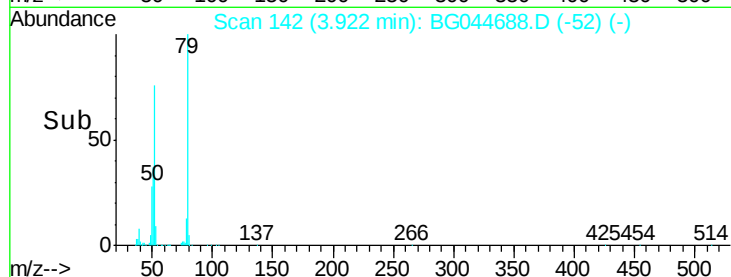
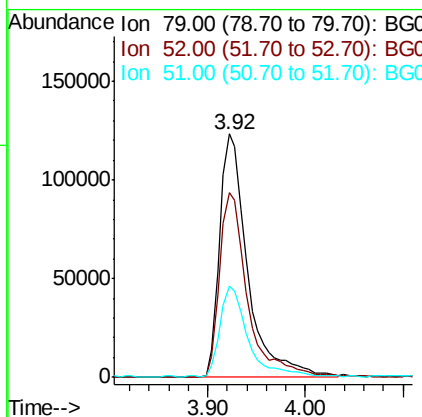
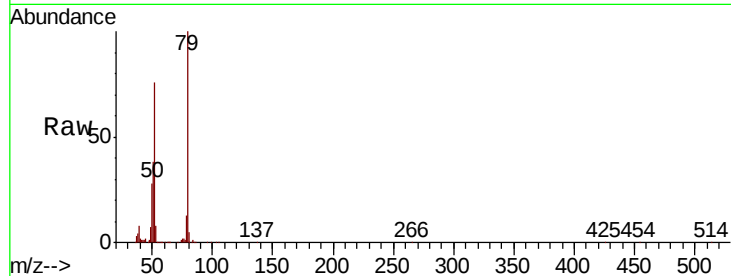
ClientSampleId :

ICVBG030520

Tot Ion:	79	Resp:	247026
Ion	Ratio	Lower	Upper
79	100		
52	75.8	59.9	89.9
51	37.7	29.3	43.9

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#4

n-Nitrosodimethylamine

Concen: 36.066 ng

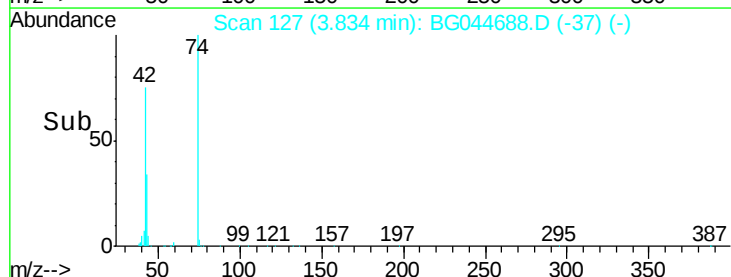
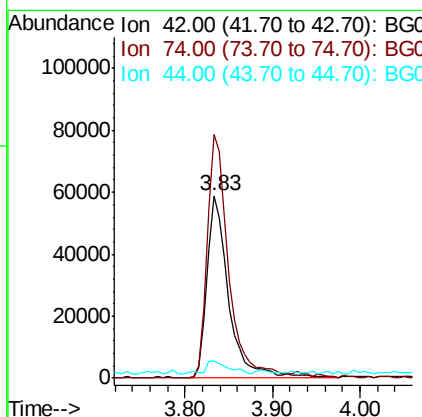
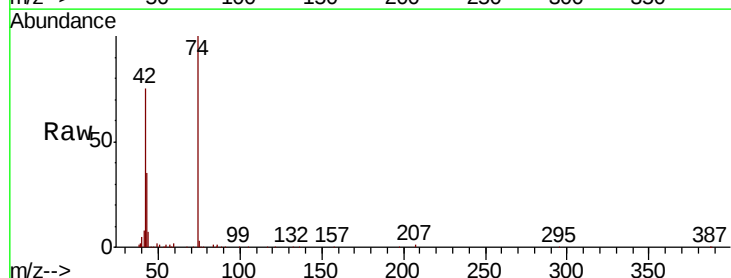
RT: 3.83 min Scan# 127

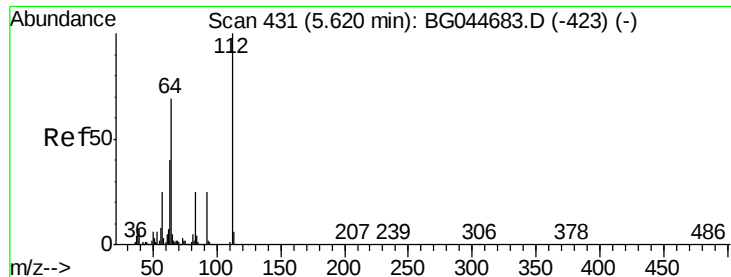
Delta R.T. -0.00 min

Lab File: BG044688.D

Acq: 5 Mar 2020 17:43

Tgt Ion:	42	Resp:	102191
Ion	Ratio	Lower	Upper
42	100		
74	133.2	93.4	140.2
44	9.2	8.9	13.3





#5

2-Fluorophenol

Concen: 74.890 ng

RT: 5.63 min Scan# 432

Delta R.T. 0.01 min

Lab File: BG044688.D

Acq: 5 Mar 2020 17:43

Instrument :

BNA_G

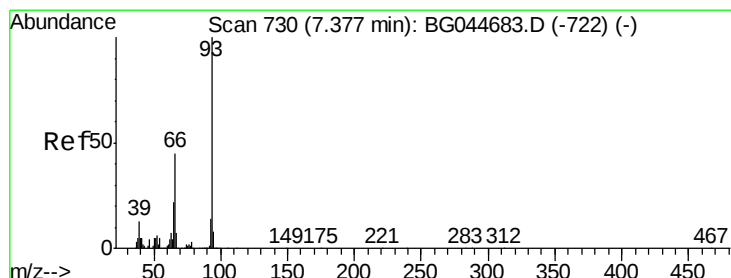
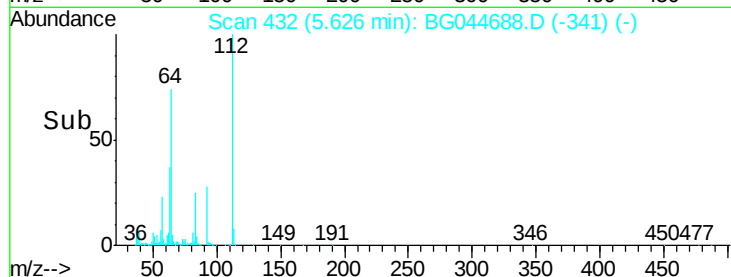
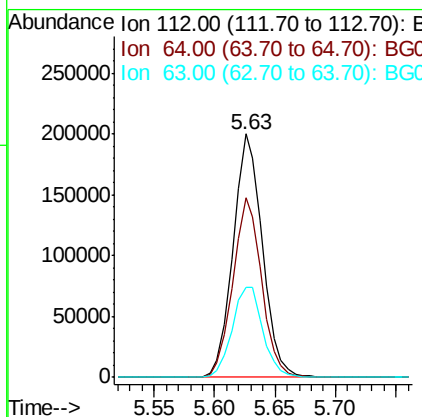
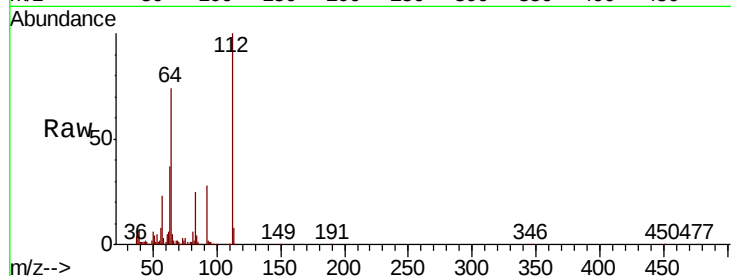
ClientSampleId :

ICVBG030520

Tot Ion:	112	Resp:	337540
Ion Ratio	Lower	Upper	
112	100		
64	73.6	55.4	83.0
63	37.0	32.1	48.1

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#6

Aniline

Concen: 37.373 ng

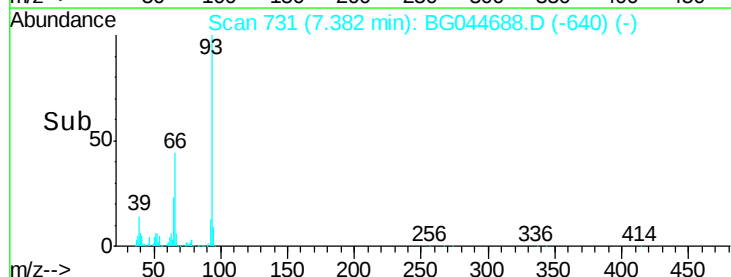
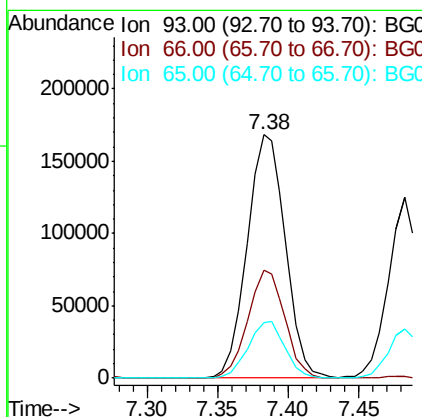
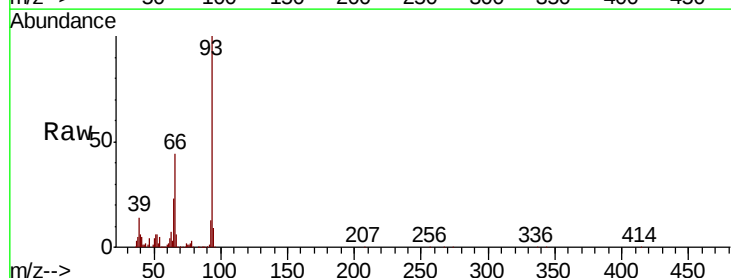
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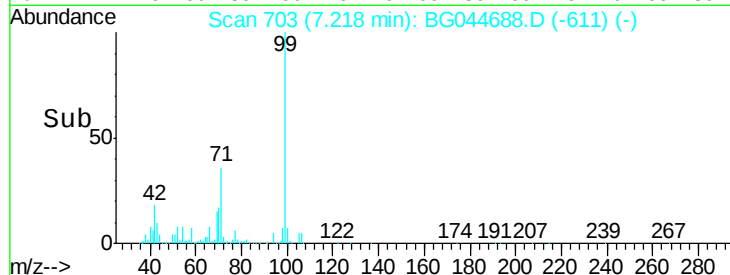
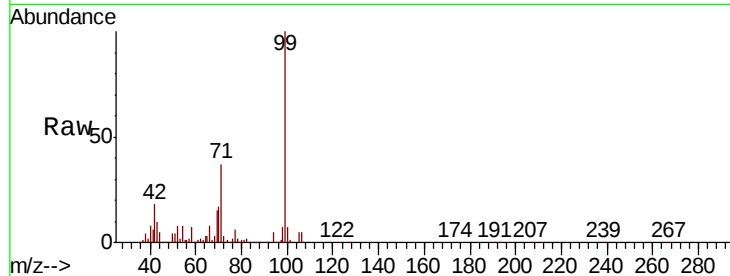
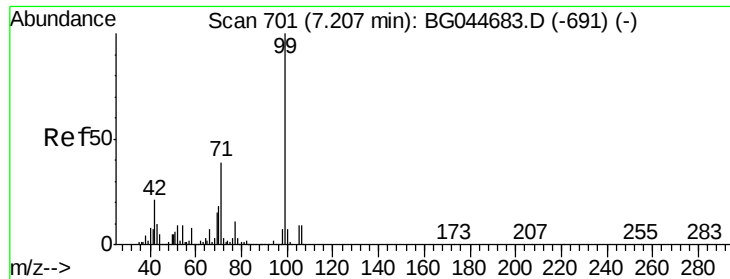
Delta R.T. 0.01 min

Lab File: BG044688.D

Acq: 5 Mar 2020 17:43

Tgt Ion:	93	Resp:	318958
Ion Ratio	Lower	Upper	
93	100		
66	44.4	35.8	53.8
65	22.9	17.9	26.9





#7

Phenol-d6

Concen: 75.284 ng

RT: 7.22 min Scan# 703

Delta R.T. 0.01 min

Lab File: BG044688.D

Acq: 5 Mar 2020 17:43

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		512894		
42	18.4	16.5	24.7		
71	36.5	30.9	46.3		

Instrument :

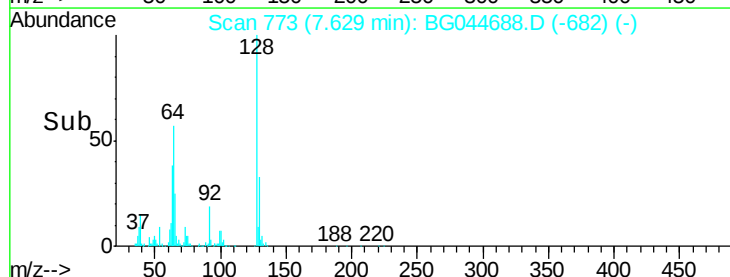
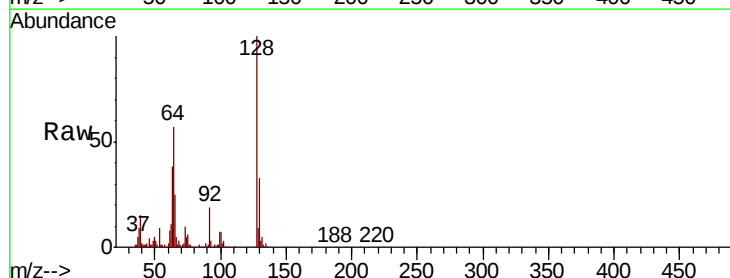
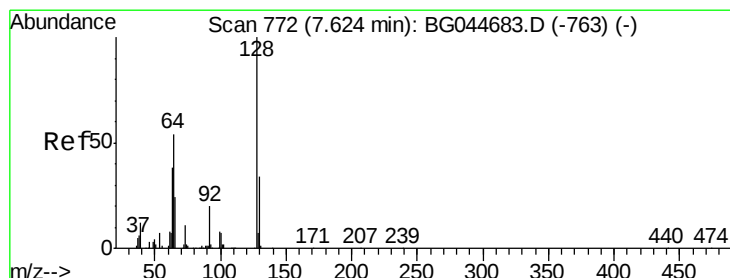
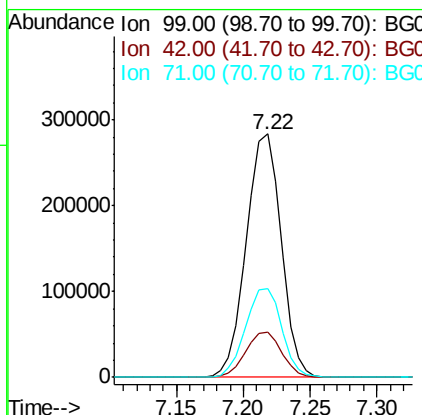
BNA_G

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ICVBG030520

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#8

2-Chlorophenol

Concen: 37.529 ng

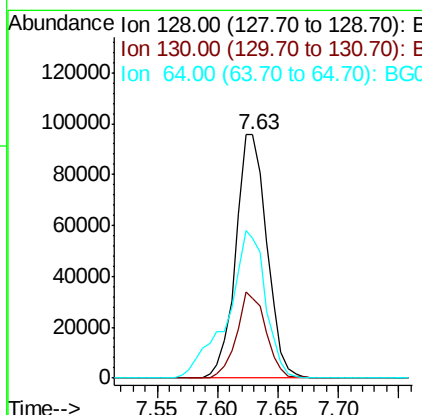
RT: 7.63 min Scan# 773

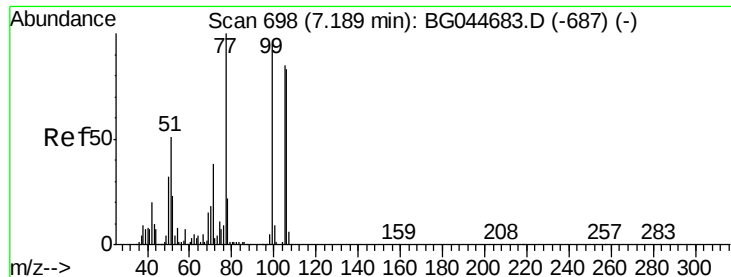
Delta R.T. 0.01 min

Lab File: BG044688.D

Acq: 5 Mar 2020 17:43

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		171434		
130	32.5	14.0	54.0		
64	57.4	37.6	77.6		





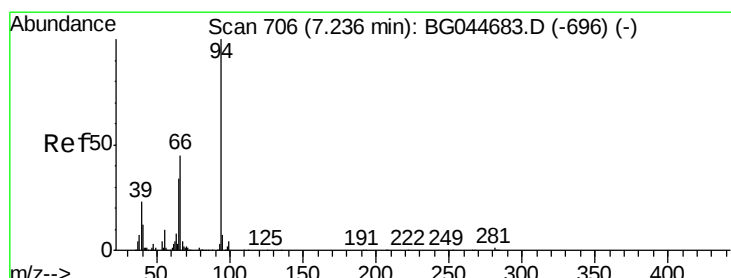
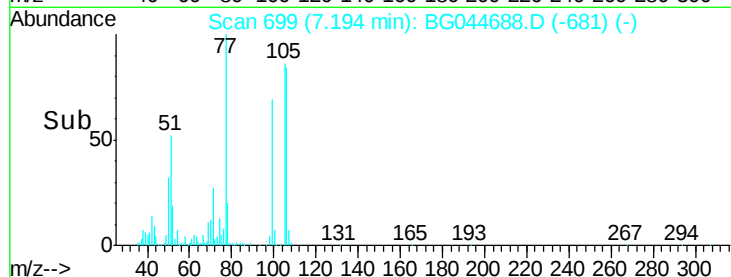
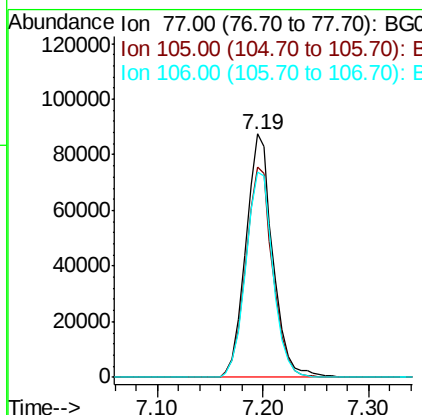
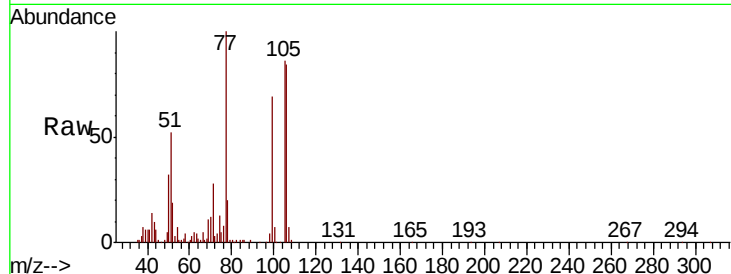
#9
Benzaldehyde
Concen: 36.601 ng
RT: 7.19 min Scan# 699
Delta R.T. 0.01 min
Lab File: BG044688.D
Acq: 5 Mar 2020 17:43

Instrument :
BNA_G
ClientSampleId :
ICVBG030520

Tot Ion	Ratio	Lower	Upper
77	100		
105	86.5	65.1	105.1
106	84.4	63.1	103.1

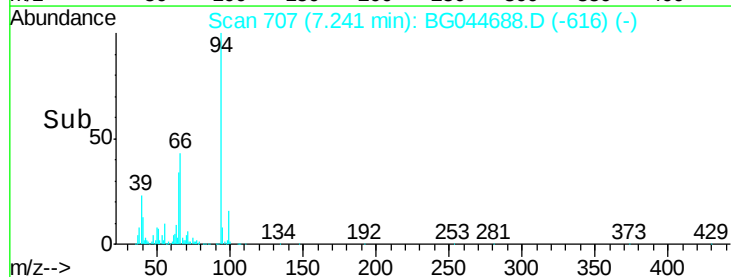
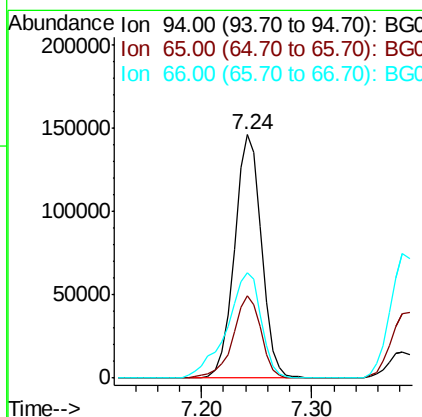
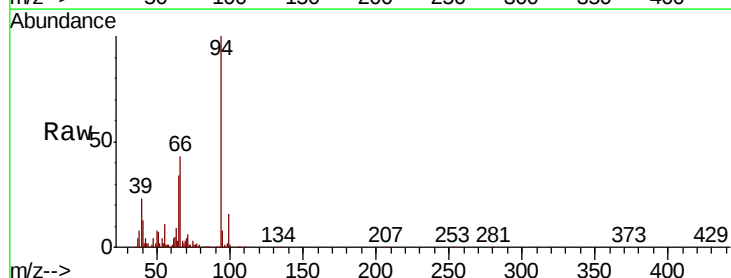
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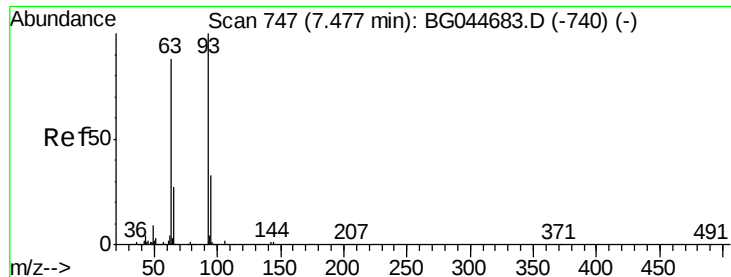
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#10
Phenol
Concen: 37.221 ng
RT: 7.24 min Scan# 707
Delta R.T. 0.01 min
Lab File: BG044688.D
Acq: 5 Mar 2020 17:43

Tgt Ion	Ratio	Lower	Upper
94	100		
65	33.9	13.5	53.5
66	43.0	25.8	65.8





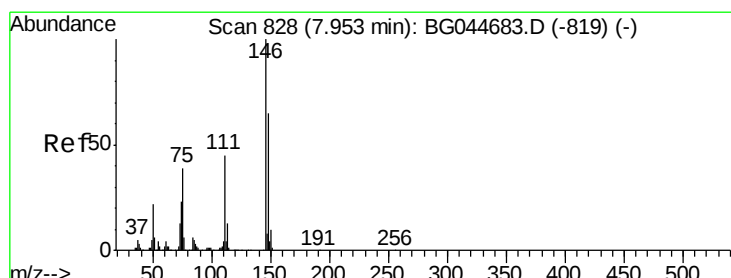
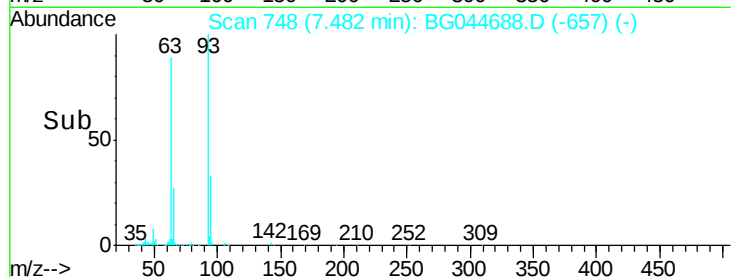
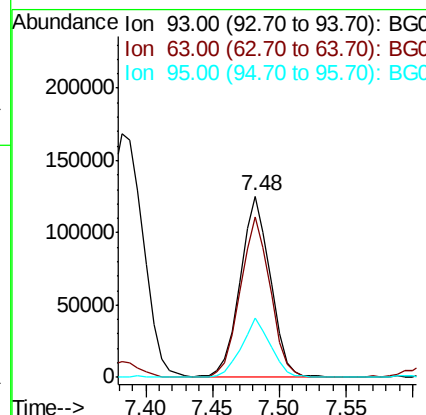
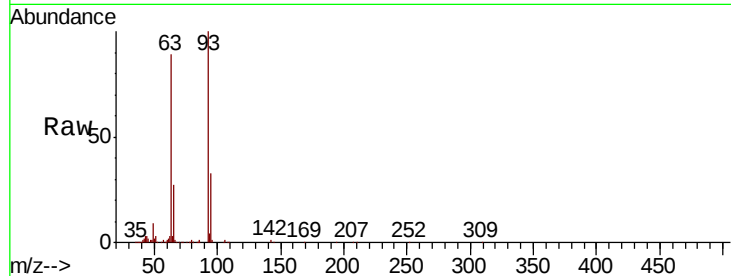
#11
bis(2-Chloroethyl)ether
Concen: 37.843 ng
RT: 7.48 min Scan# 748
Delta R.T. 0.01 min
Lab File: BG044688.D
Acq: 5 Mar 2020 17:43

Instrument :
BNA_G
ClientSampleId :
ICVBG030520

Tot Ion	Ratio	Lower	Upper
93	100		
63	88.7	67.8	107.8
95	32.7	13.0	53.0

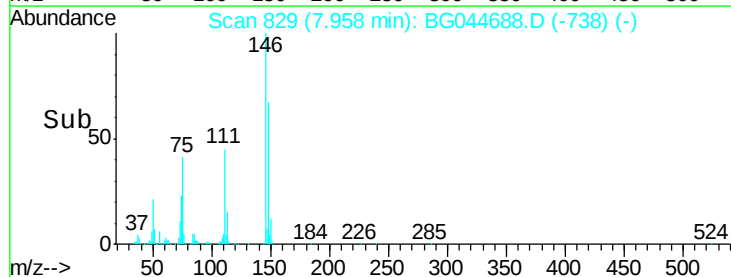
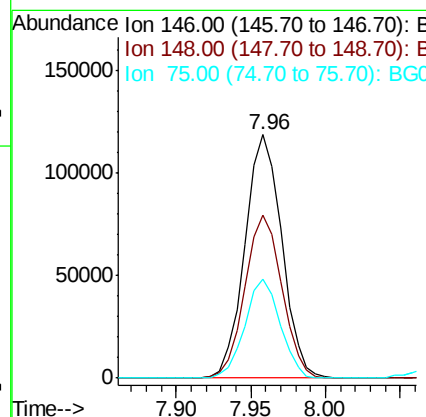
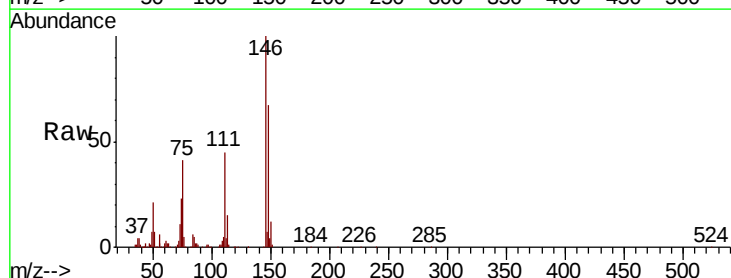
Manual Integrations
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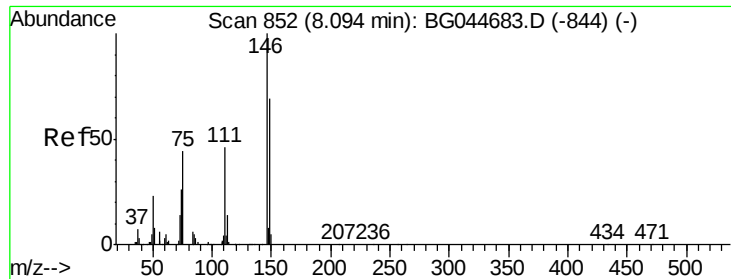
mohammad
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#12
1,3-Dichlorobenzene
Concen: 37.313 ng
RT: 7.96 min Scan# 829
Delta R.T. 0.01 min
Lab File: BG044688.D
Acq: 5 Mar 2020 17:43

Tgt Ion	Ratio	Lower	Upper
146	100		
148	67.0	51.9	77.9
75	40.5	31.0	46.6





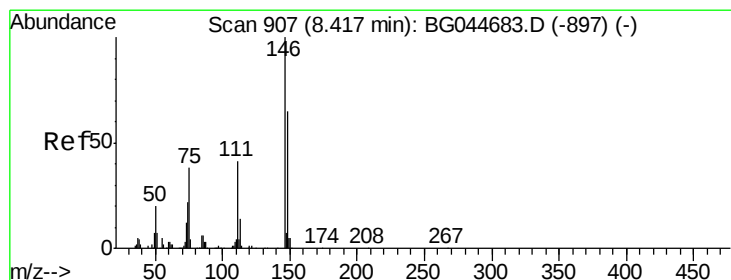
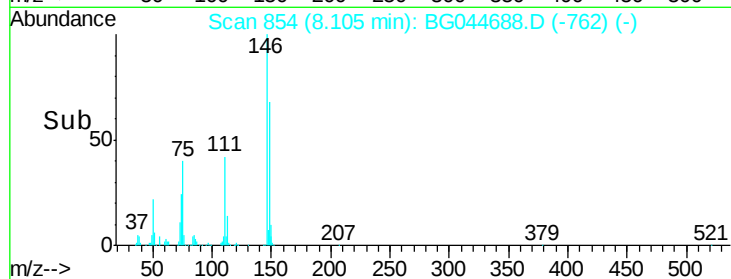
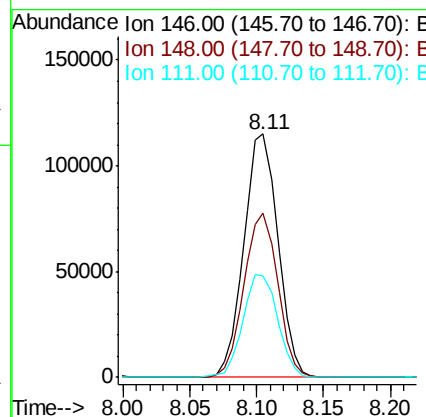
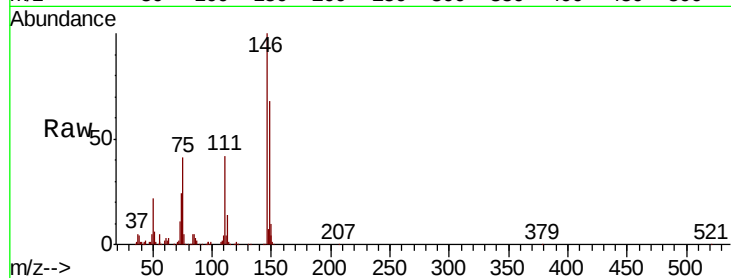
#13
 1,4-Dichlorobenzene
 Concen: 37.437 ng
 RT: 8.11 min Scan# 854
 Delta R.T. 0.01 min
 Lab File: BG044688.D
 Acq: 5 Mar 2020 17:43

Instrument :
 BNA_G
 ClientSampleId :
 ICVBG030520

Tot Ion	Ratio	Lower	Upper
146	100		
148	67.6	55.0	82.4
111	41.5	37.2	55.8

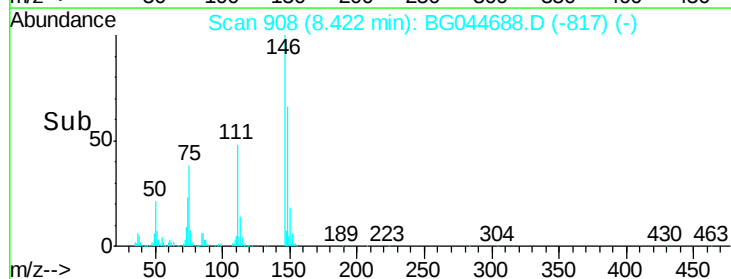
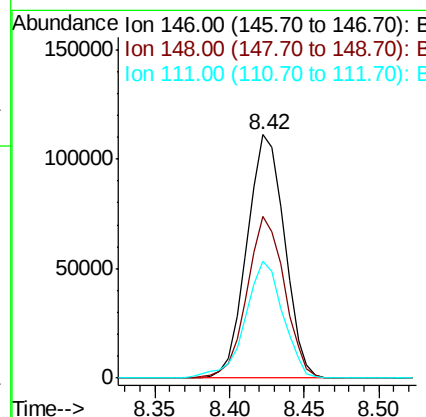
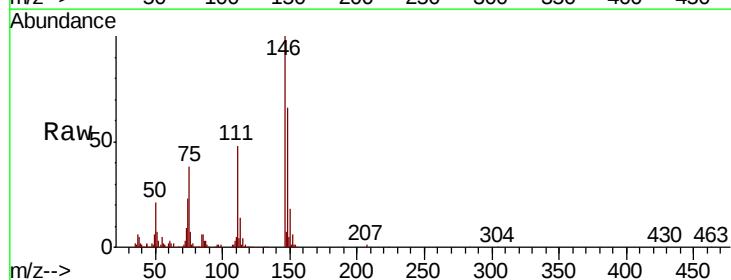
Manual Integrations
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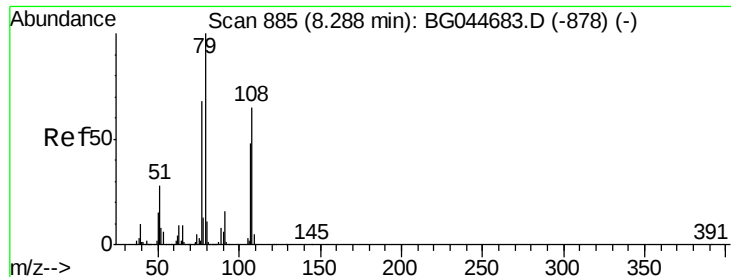
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 37.619 ng
 RT: 8.42 min Scan# 908
 Delta R.T. 0.01 min
 Lab File: BG044688.D
 Acq: 5 Mar 2020 17:43

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.5	51.8	77.8
111	48.2	33.4	50.0





#15

Benzyl Alcohol

Concen: 37.532 ng

RT: 8.30 min Scan# 887

Delta R.T. 0.01 min

Lab File: BG044688.D

Acq: 5 Mar 2020 17:43

Instrument :

BNA_G

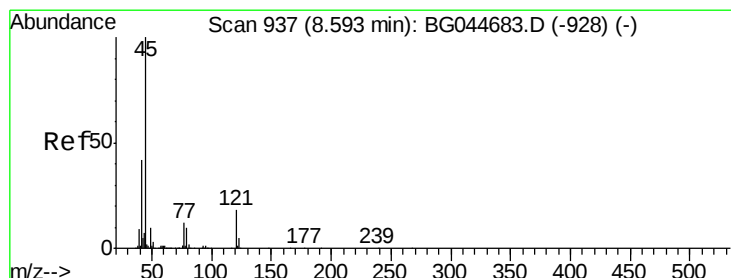
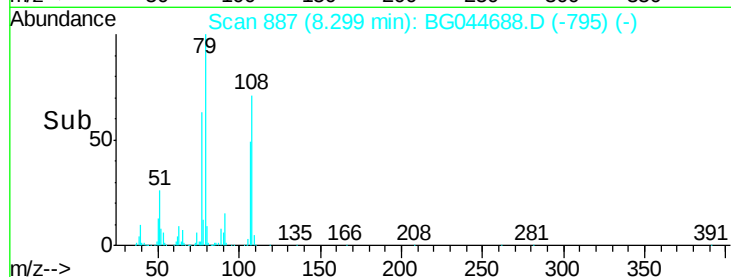
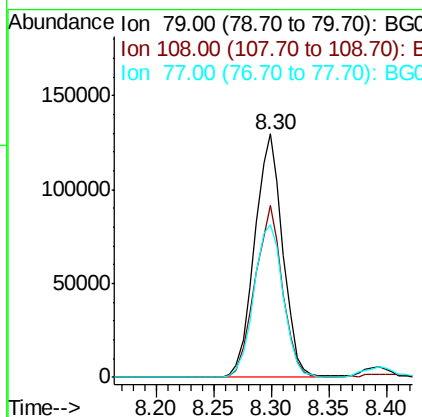
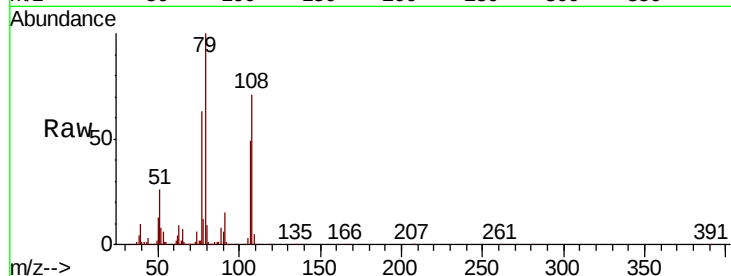
ClientSampleId :

ICVBG030520

Tot Ion:	79	Resp:	220592
Ion Ratio	Lower	Upper	
79	100		
108	70.6	52.2	78.4
77	62.9	54.2	81.2

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.087 ng

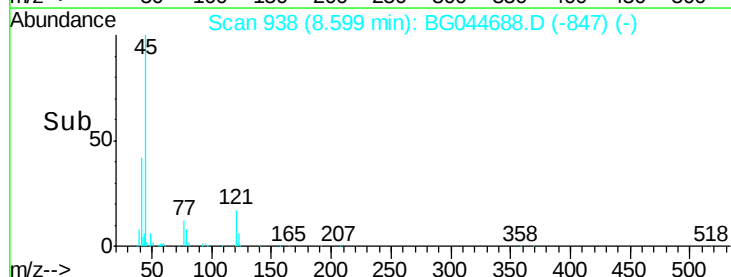
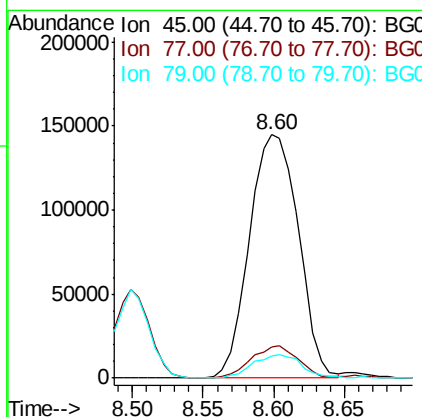
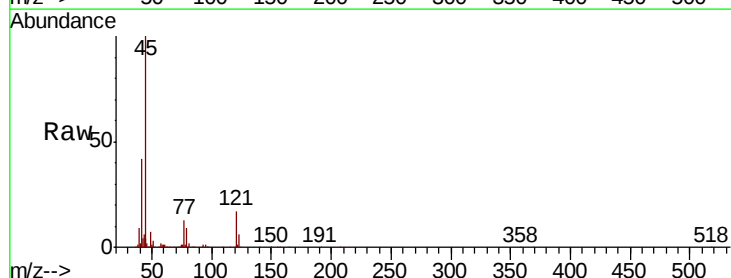
RT: 8.60 min Scan# 938

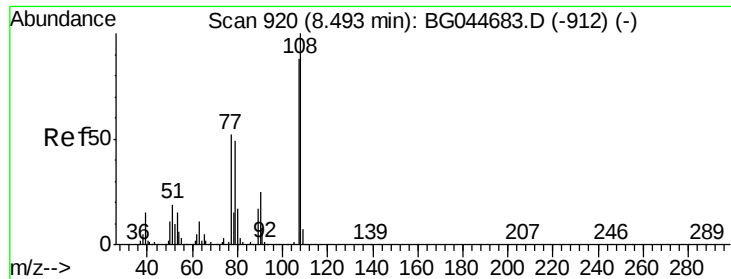
Delta R.T. 0.01 min

Lab File: BG044688.D

Acq: 5 Mar 2020 17:43

Tgt Ion:	45	Resp:	351579
Ion Ratio	Lower	Upper	
45	100		
77	13.0	0.0	32.1
79	8.9	0.0	29.9





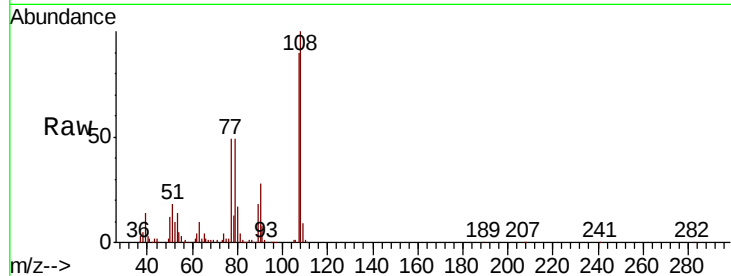
#17
2-Methylphenol
Concen: 36.982 ng
RT: 8.50 min Scan# 921
Delta R.T. 0.01 min
Lab File: BG044688.D
Acq: 5 Mar 2020 17:43

Instrument :
BNA_G
ClientSampleId :
ICVBG030520

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	111.1	90.5	135.7	
77	54.9	47.3	70.9	
79	54.5	44.6	67.0	

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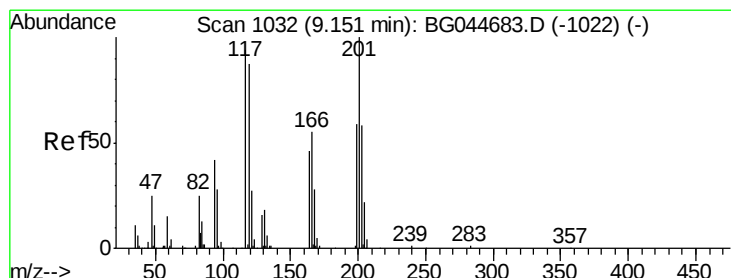
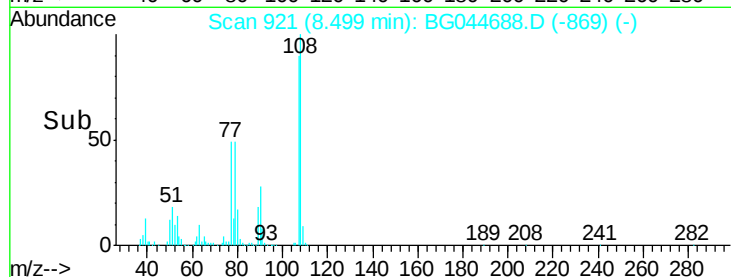
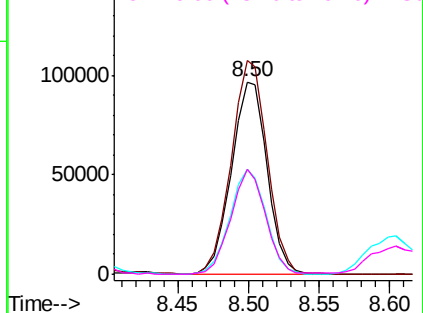
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

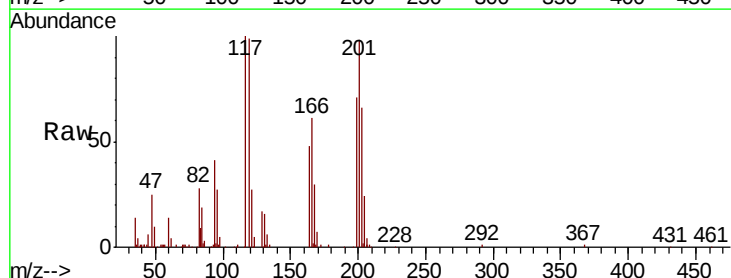
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 38.631 ng
RT: 9.16 min Scan# 1034
Delta R.T. 0.01 min
Lab File: BG044688.D
Acq: 5 Mar 2020 17:43

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	98.8	74.5	111.7	
201	97.8	85.5	128.3	

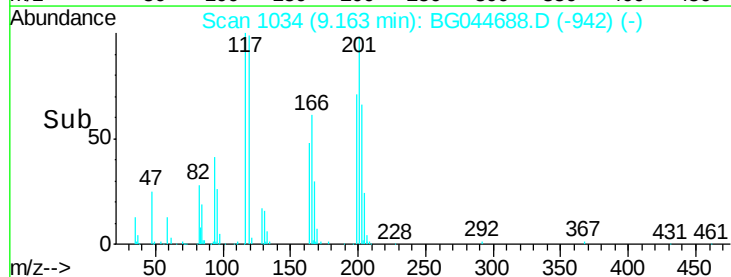
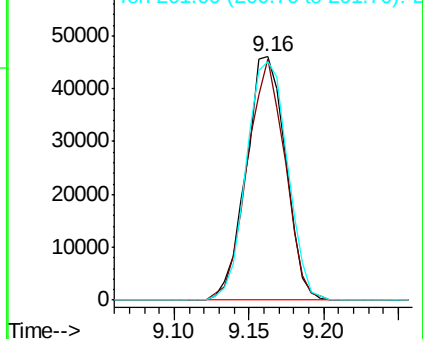


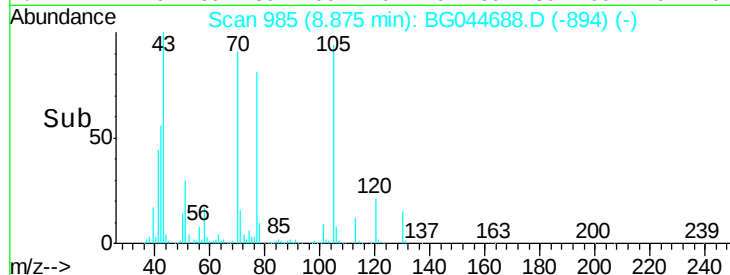
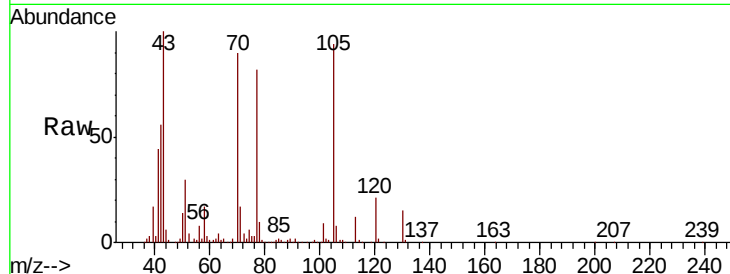
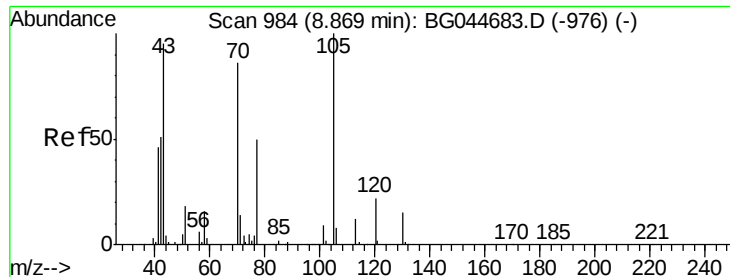
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





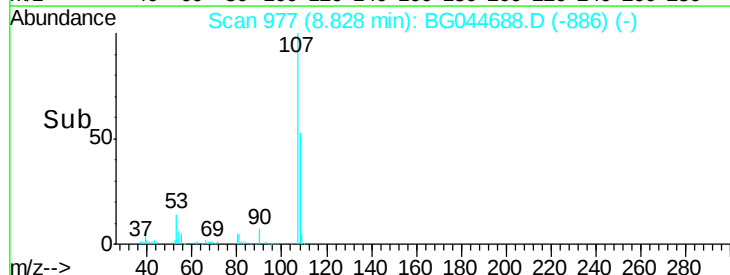
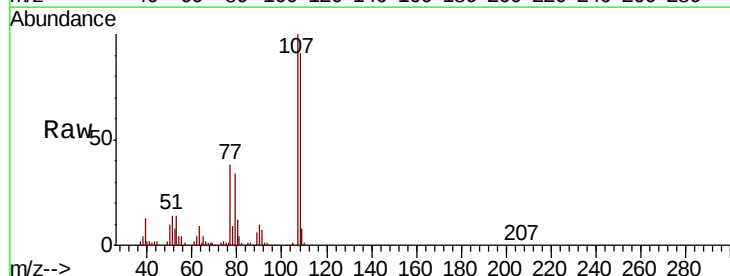
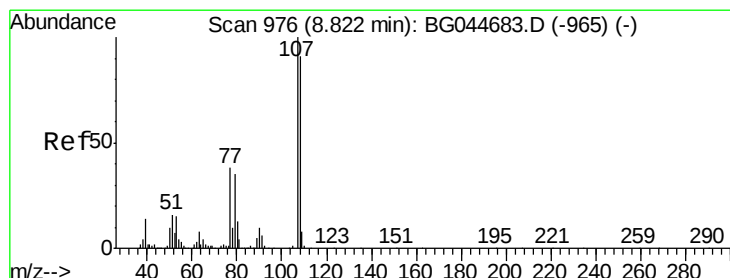
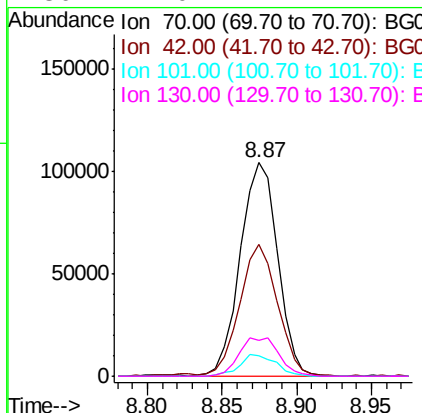
#19
n-Nitroso-di-n-propylamine
Concen: 35.798 ng
RT: 8.87 min Scan# 985
Delta R.T. 0.01 min
Lab File: BG044688.D
Acq: 5 Mar 2020 17:43

Instrument :
BNA_G
ClientSampleId :
ICVBG030520

Tot Ion	Ion	Ratio	Resp	Lower	Upper
182193	70	100			
	42	61.6		48.9	73.3
	101	9.8		8.0	12.0
	130	17.0		14.1	21.1

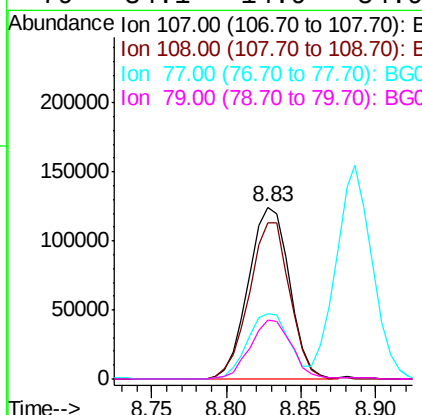
Manual Integrations
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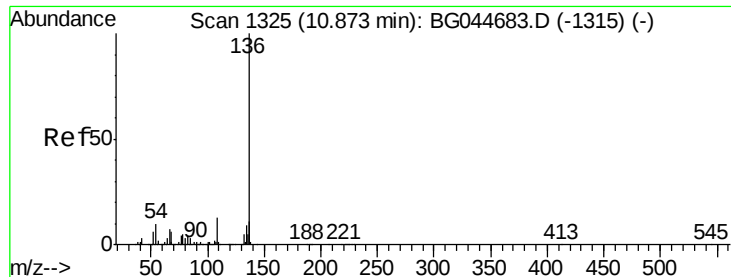
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#20
3+4-Methylphenols
Concen: 37.088 ng
RT: 8.83 min Scan# 977
Delta R.T. 0.01 min
Lab File: BG044688.D
Acq: 5 Mar 2020 17:43

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237581	107	100			
	108	90.9		70.8	110.8
	77	37.7		17.8	57.8
	79	34.1		14.9	54.9





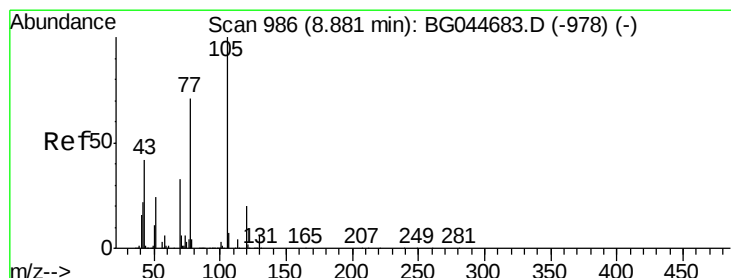
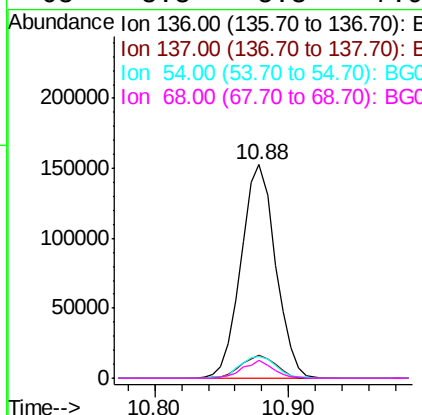
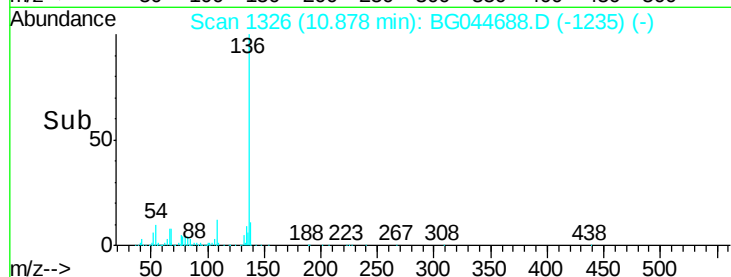
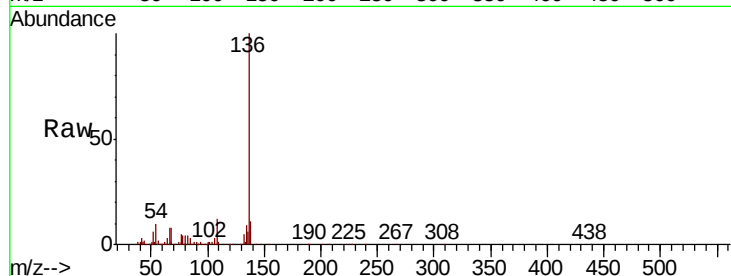
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.88 min Scan# 1326
Delta R.T. 0.01 min
Lab File: BG044688.D
Acq: 5 Mar 2020 17:43

Instrument :
BNA_G
ClientSampleId :
ICVBG030520

Tot Ion	Ratio	Resp	Lower	Upper
136	100	273038		
137	10.9		8.6	12.8
54	10.2		8.2	12.4
68	8.3		5.3	7.9#

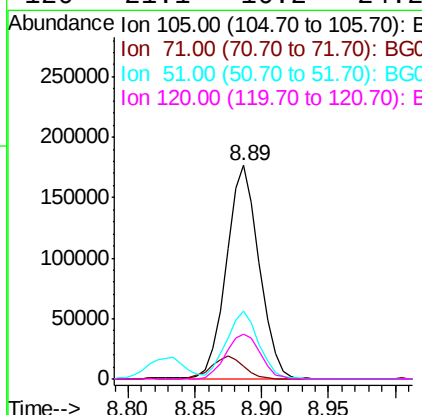
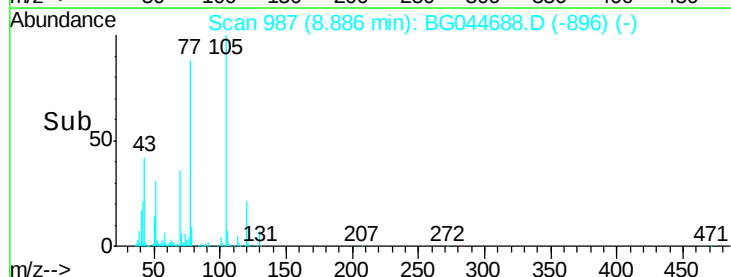
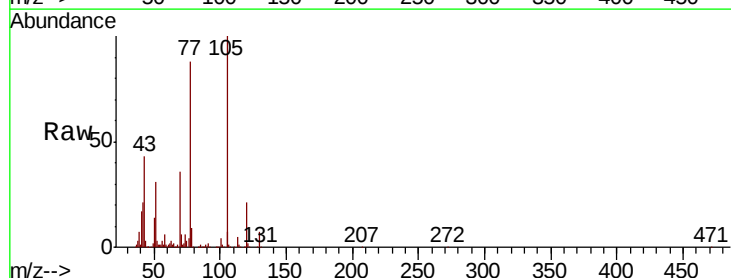
Manual Integrations
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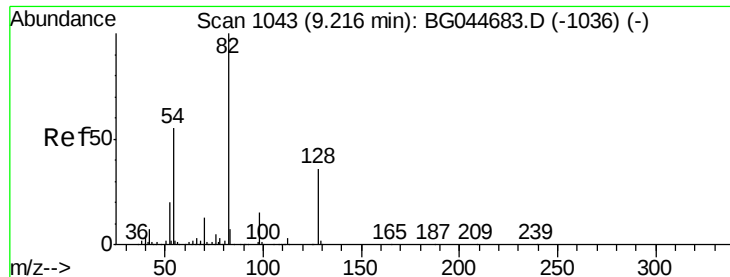
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#22
Acetophenone
Concen: 37.883 ng
RT: 8.89 min Scan# 987
Delta R.T. 0.01 min
Lab File: BG044688.D
Acq: 5 Mar 2020 17:43

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	301953		
71	6.2		4.8	7.2
51	31.5		24.0	36.0
120	21.1		16.2	24.2





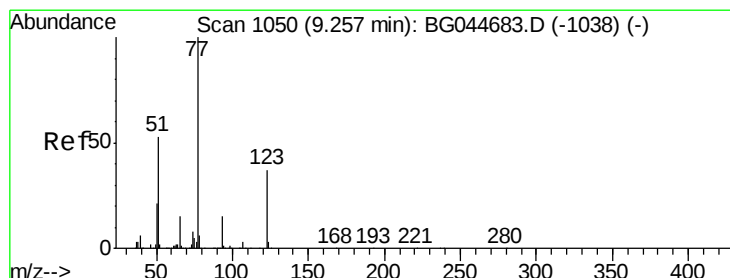
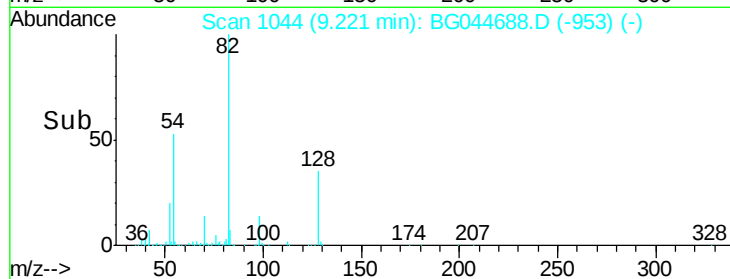
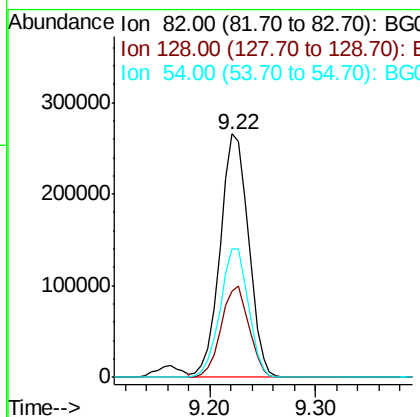
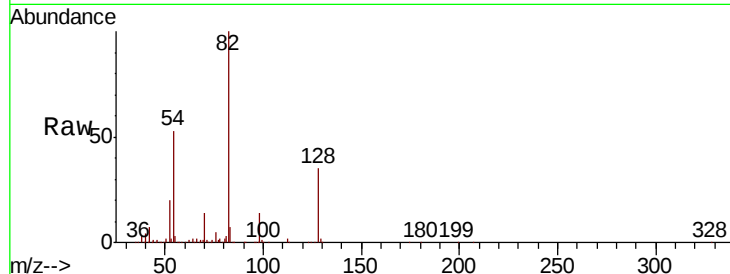
#23
 Nitrobenzene-d5
 Concen: 82.967 ng
 RT: 9.22 min Scan# 1044
 Delta R.T. 0.01 min
 Lab File: BG044688.D
 Acq: 5 Mar 2020 17:43

Instrument :
 BNA_G
 ClientSampleId :
 ICVBG030520

Tot Ion	82	Resp	497533
Ion Ratio	100	Lower	Upper
82	100		
128	35.2	28.5	42.7
54	52.8	43.6	65.4

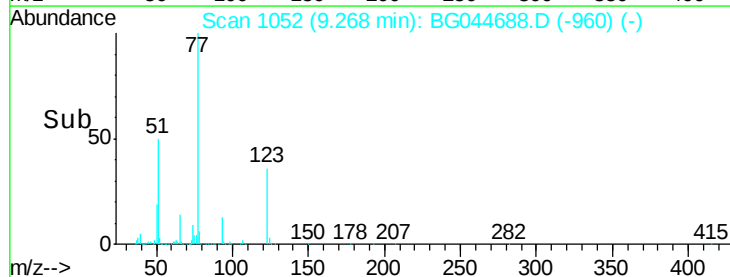
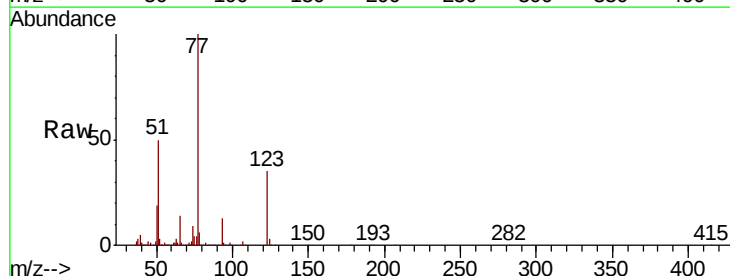
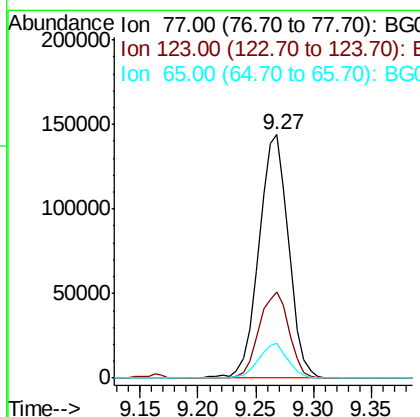
Manual Integrations
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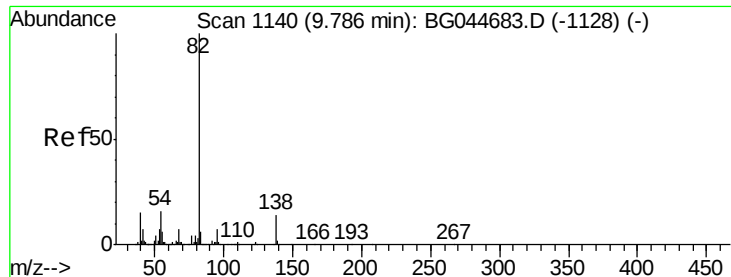
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#24
 Nitrobenzene
 Concen: 40.327 ng
 RT: 9.27 min Scan# 1052
 Delta R.T. 0.01 min
 Lab File: BG044688.D
 Acq: 5 Mar 2020 17:43

Tgt Ion	77	Resp	256403
Ion Ratio	100	Lower	Upper
77	100		
123	35.5	29.7	44.5
65	14.2	11.7	17.5





#25

Isophorone

Concen: 38.030 ng

RT: 9.80 min Scan# 1142

Delta R.T. 0.01 min

Lab File: BG044688.D

Acq: 5 Mar 2020 17:43

Instrument :

BNA_G

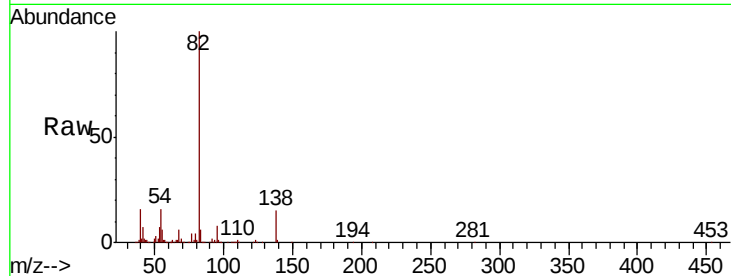
ClientSampleId :

ICVBG030520

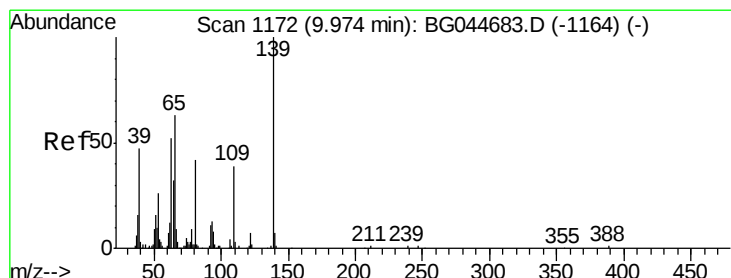
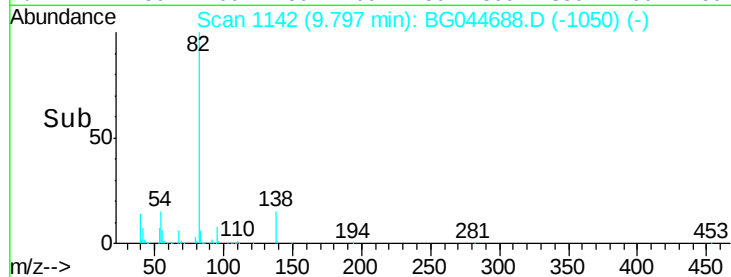
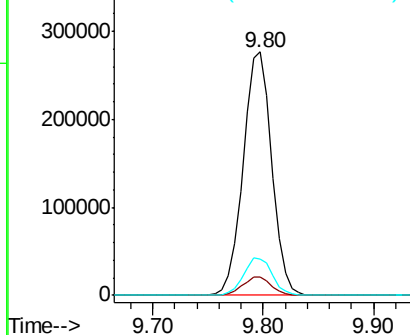
Tot Ion:	82	Resp:	502924
Ion Ratio	Lower	Upper	
82	100		
95	7.8	6.0	9.0
138	15.1	11.2	16.8

Manual Integrations
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Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC



#26

2-Nitrophenol

Concen: 41.227 ng

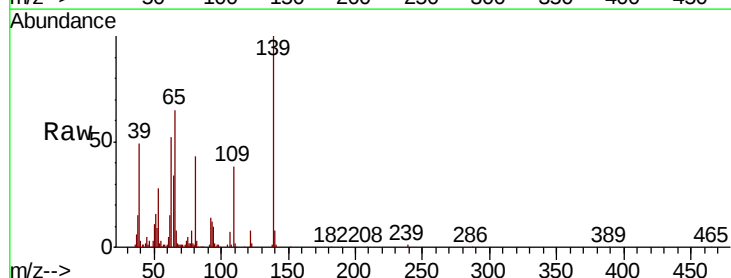
RT: 9.98 min Scan# 1173

Delta R.T. 0.01 min

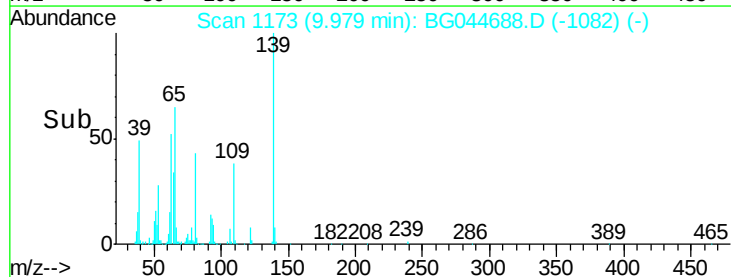
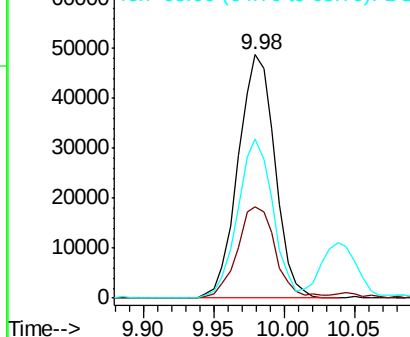
Lab File: BG044688.D

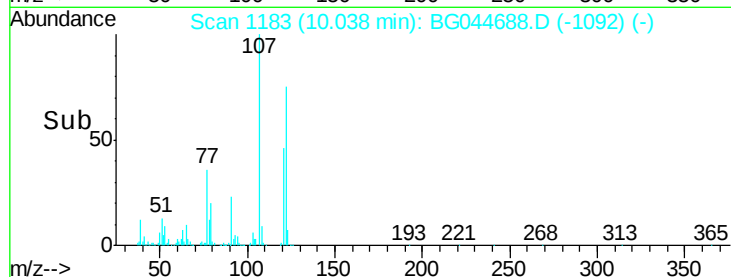
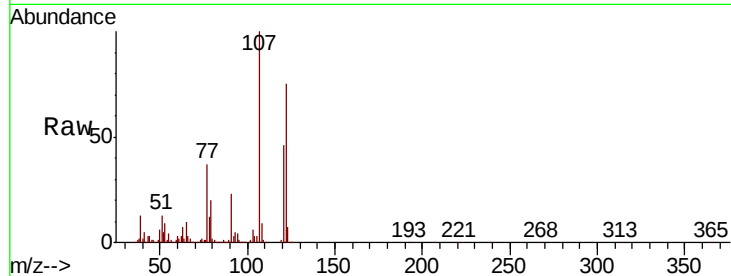
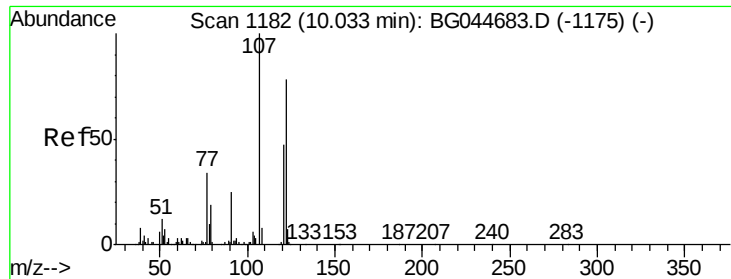
Acq: 5 Mar 2020 17:43

Tgt Ion:	139	Resp:	88905
Ion Ratio	Lower	Upper	
139	100		
109	37.8	31.1	46.7
65	65.4	50.2	75.4



Abundance Ion 139.00 (138.70 to 139.70): BGC
Ion 109.00 (108.70 to 109.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





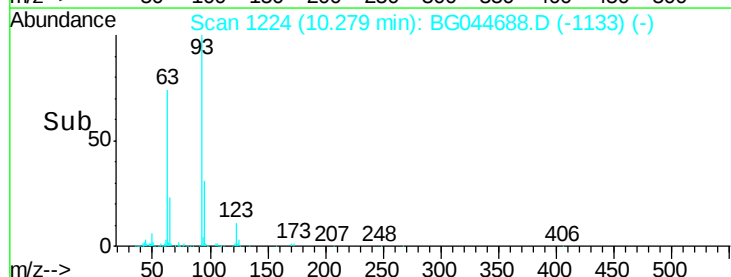
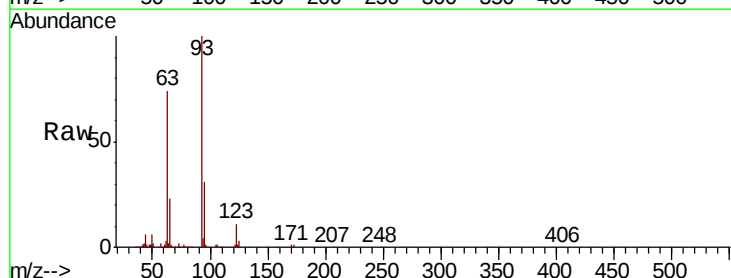
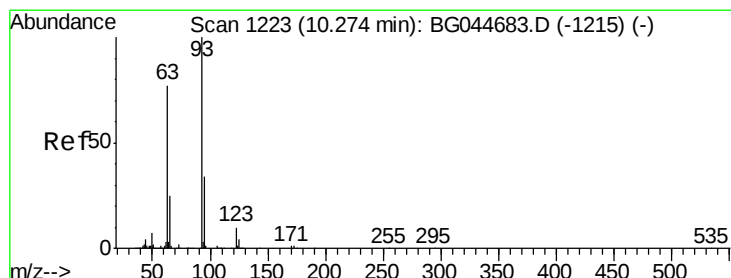
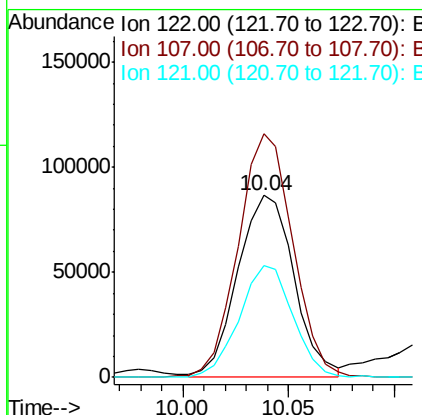
#27
2,4-Dimethylphenol
Concen: 38.413 ng
RT: 10.04 min Scan# 1183
Delta R.T. 0.01 min
Lab File: BG044688.D
Acq: 5 Mar 2020 17:43

Tot Ion	Ratio	Lower	Upper
122	100		
107	133.8	101.7	152.5
121	61.2	47.5	71.3

Instrument :
BNA_G
ClientSampled :
ICVBG030520

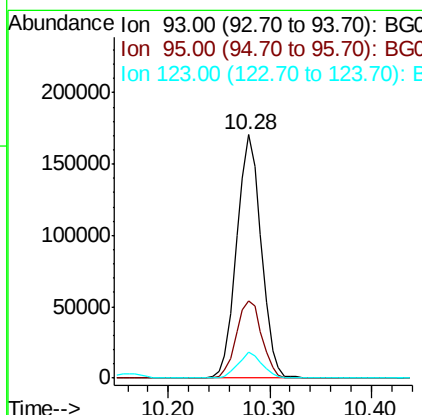
Manual Integrations
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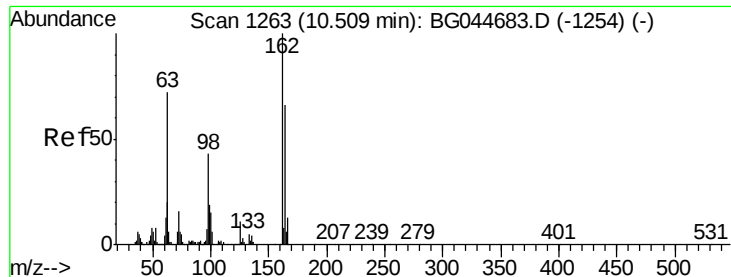
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 38.498 ng
RT: 10.28 min Scan# 1224
Delta R.T. 0.01 min
Lab File: BG044688.D
Acq: 5 Mar 2020 17:43

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.5	27.0	40.6
123	10.5	8.3	12.5





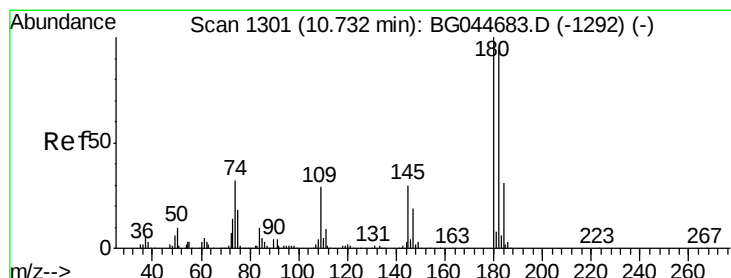
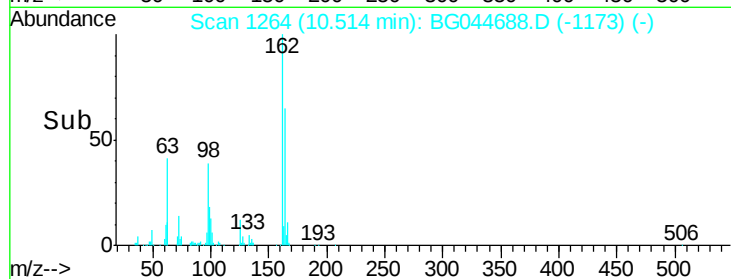
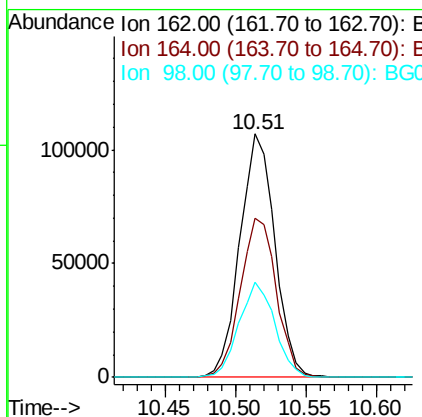
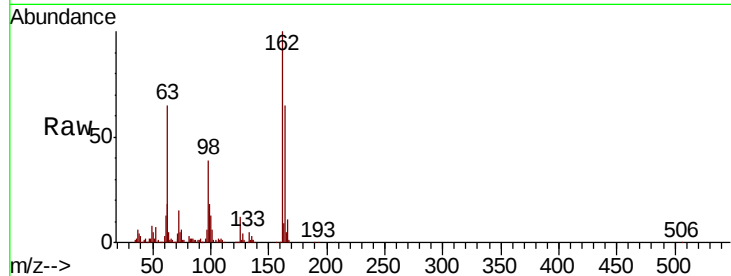
#29
2,4-Dichlorophenol
Concen: 39.314 ng
RT: 10.51 min Scan# 1264
Delta R.T. 0.01 min
Lab File: BG044688.D
Acq: 5 Mar 2020 17:43

Instrument :
BNA_G
ClientSampleId :
ICVBG030520

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.2	46.1	86.1
98	39.0	22.8	62.8

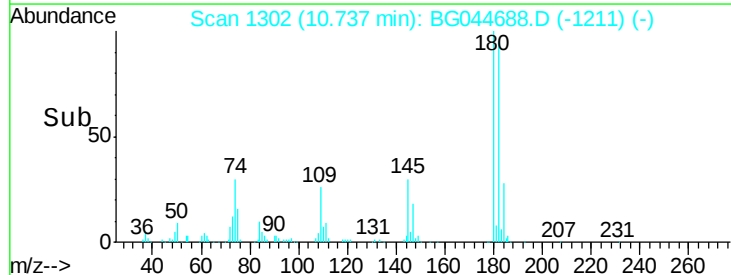
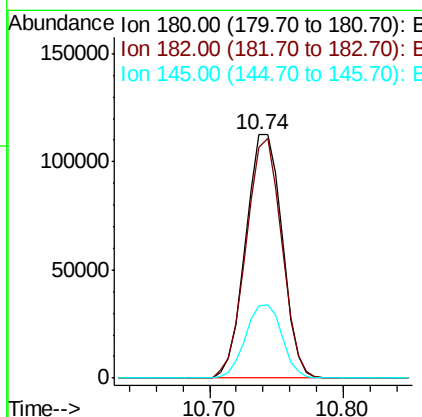
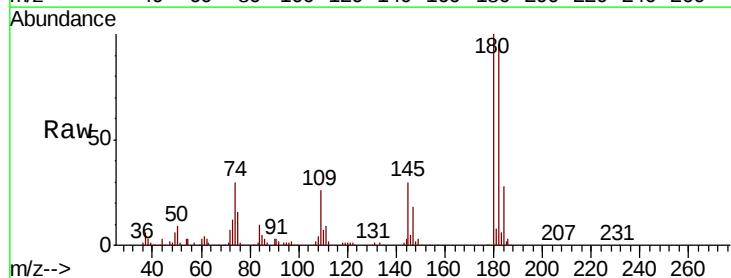
Manual Integrations
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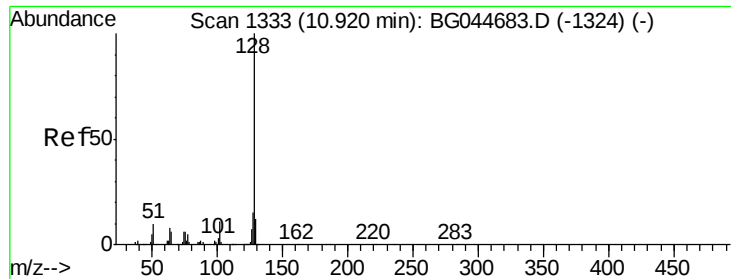
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#30
1,2,4-Trichlorobenzene
Concen: 38.670 ng
RT: 10.74 min Scan# 1302
Delta R.T. 0.01 min
Lab File: BG044688.D
Acq: 5 Mar 2020 17:43

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.6	75.1	112.7
145	29.7	23.8	35.8





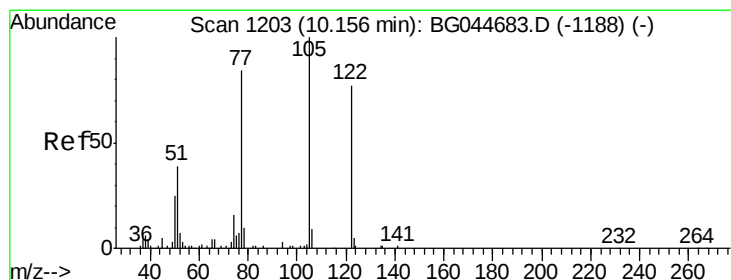
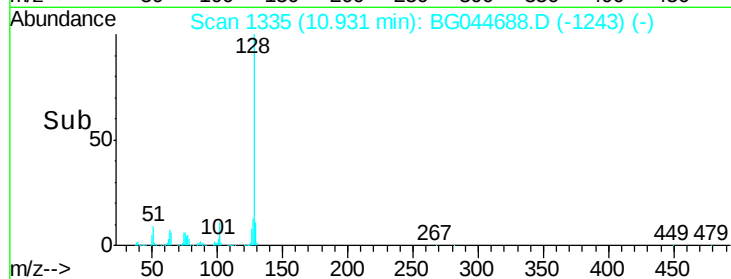
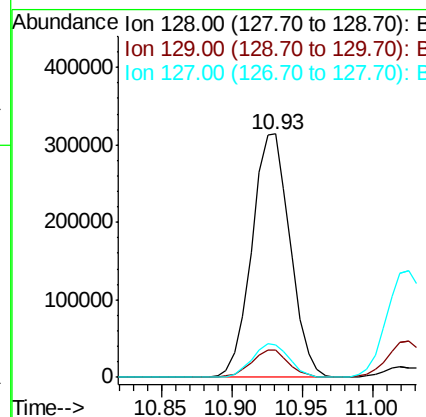
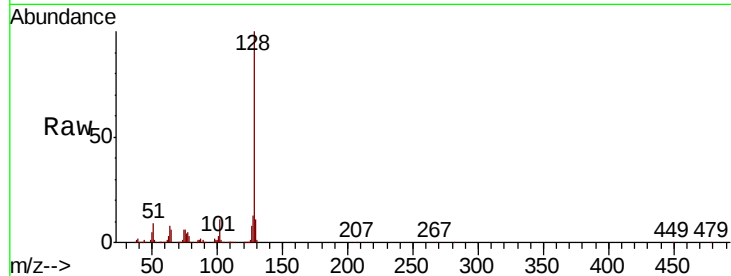
#31
Naphthalene
Concen: 38.893 ng
RT: 10.93 min Scan# 1335
Delta R.T. 0.01 min
Lab File: BG044688.D
Acq: 5 Mar 2020 17:43

Instrument :
BNA_G
ClientSampleId :
ICVBG030520

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.7	14.5
127	13.4	11.6	17.4

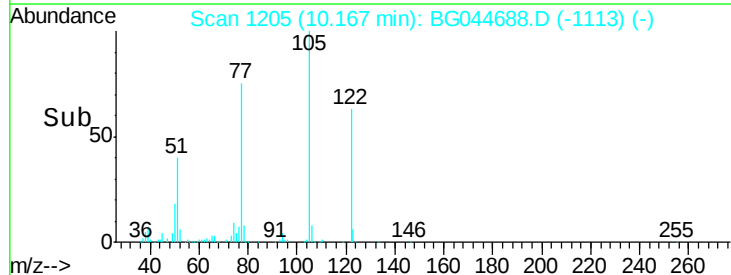
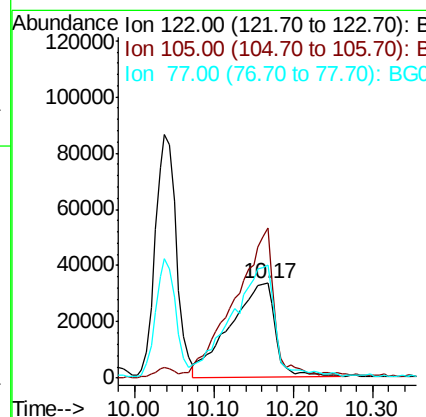
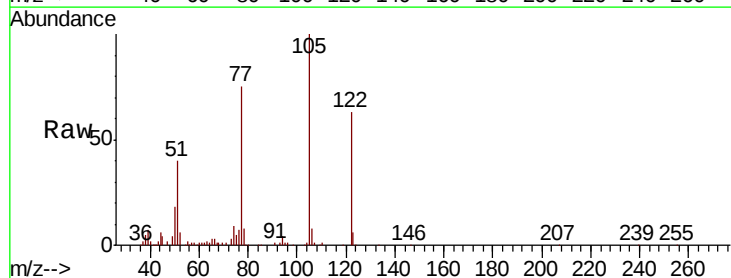
Manual Integrations
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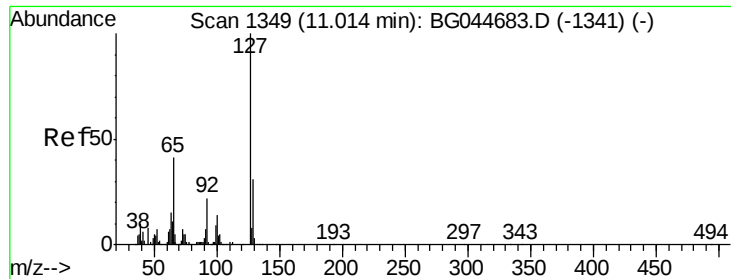
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#32
Benzoic acid
Concen: 41.846 ng
RT: 10.17 min Scan# 1205
Delta R.T. 0.01 min
Lab File: BG044688.D
Acq: 5 Mar 2020 17:43

Tgt Ion	Ratio	Lower	Upper
122	100		
105	158.3	105.1	145.1#
77	118.9	87.7	127.7





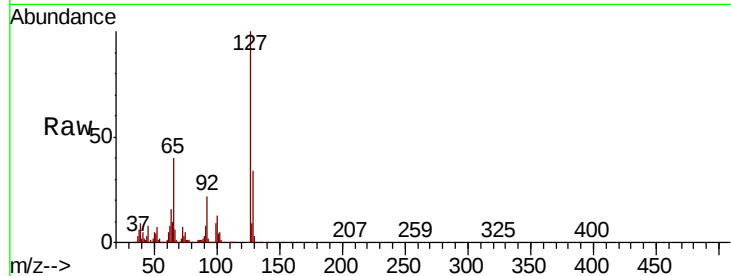
#33
4-Chloroaniline
Concen: 37.308 ng
RT: 11.03 min Scan# 1351
Delta R.T. 0.01 min
Lab File: BG044688.D
Acq: 5 Mar 2020 17:43

Instrument :
BNA_G
ClientSampleId :
ICVBG030520

Tot Ion	Ratio	Lower	Upper
127	100		
129	34.2	25.0	37.4
65	40.2	32.7	49.1
92	22.4	17.3	25.9

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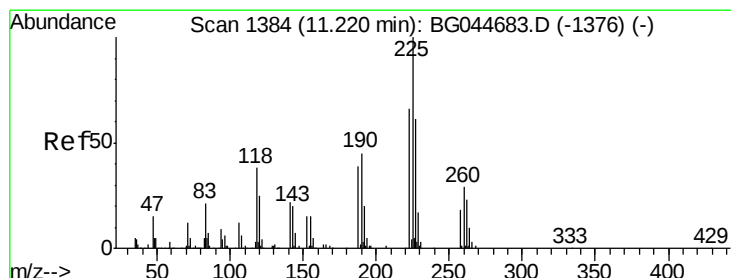
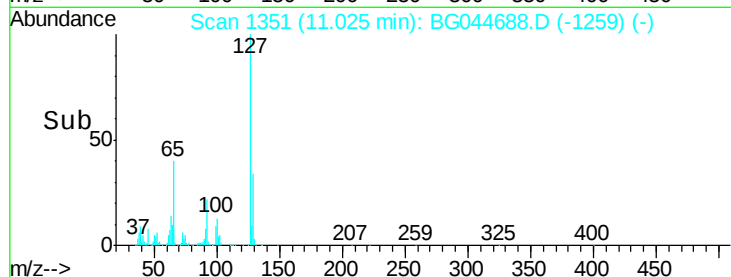
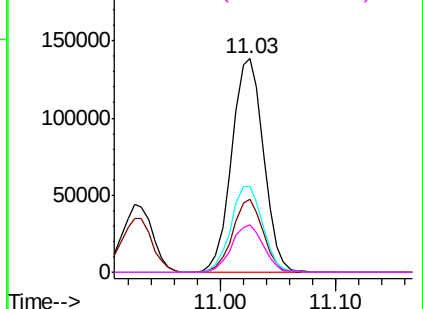
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BG

Ion 92.00 (91.70 to 92.70): BG



#34
Hexachlorobutadiene
Concen: 38.734 ng
RT: 11.22 min Scan# 1385
Delta R.T. 0.01 min
Lab File: BG044688.D
Acq: 5 Mar 2020 17:43

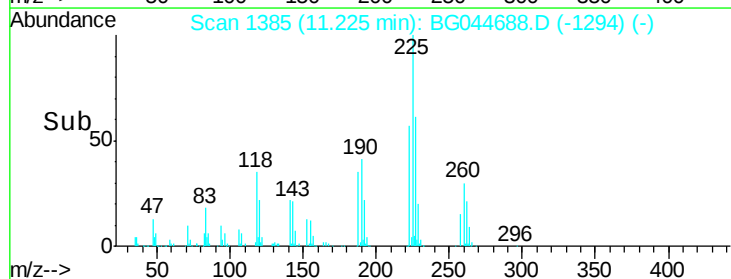
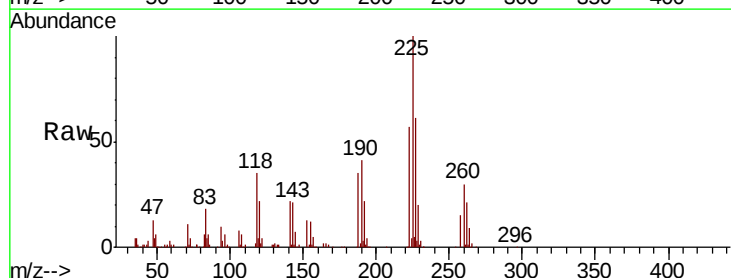
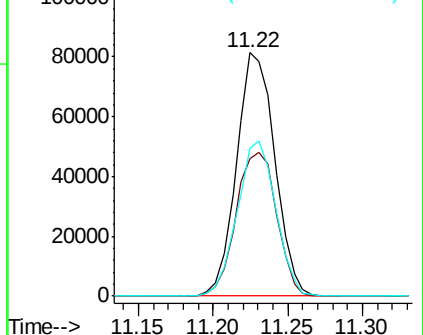
Tgt Ion	Ratio	Lower	Upper
225	100		
223	56.7	52.4	78.6
227	60.5	48.7	73.1

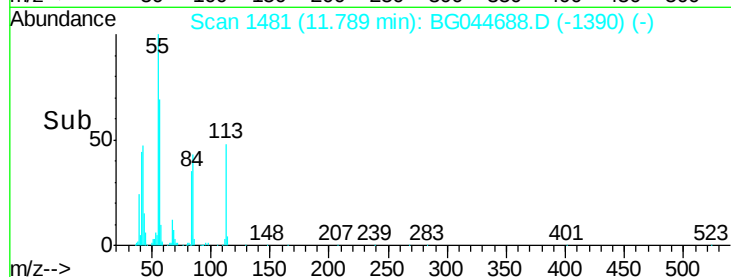
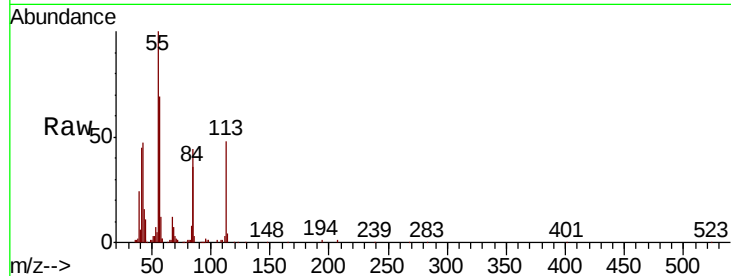
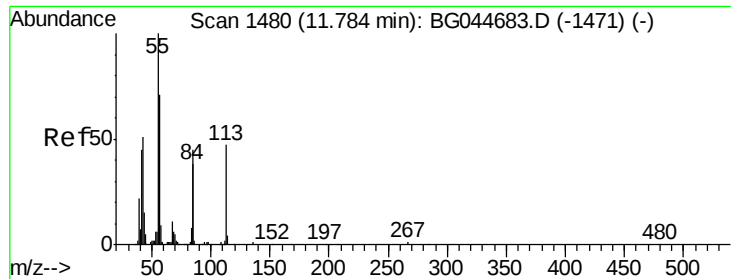
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





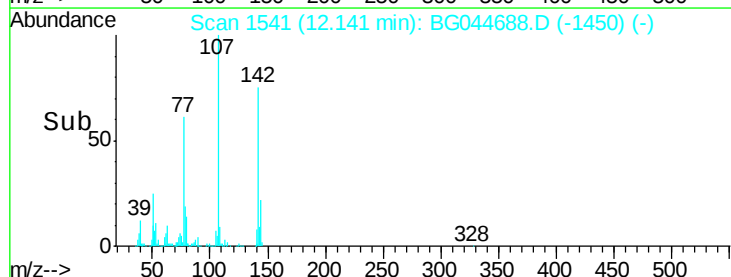
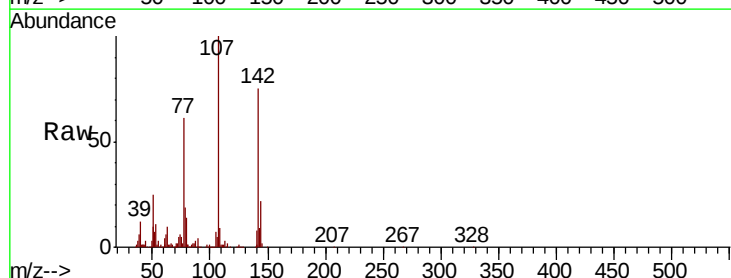
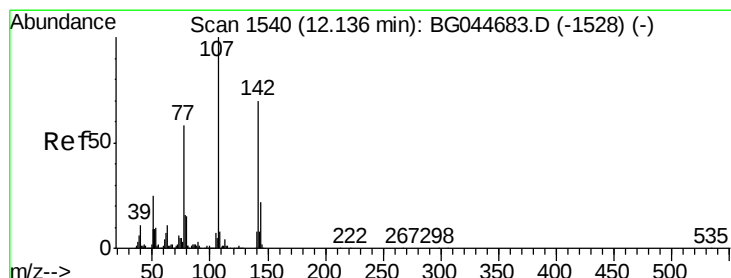
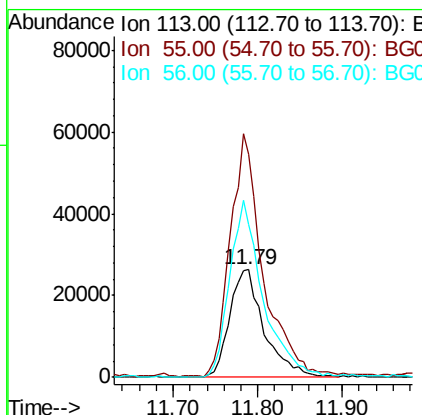
#35
Caprolactam
Concen: 37.774 ng
RT: 11.79 min Scan# 1481
Delta R.T. 0.01 min
Lab File: BG044688.D
Acq: 5 Mar 2020 17:43

Tot Ion	Ratio	Lower	Upper
113	100		
55	207.8	194.3	234.3
56	142.3	131.4	171.4

Instrument :
BNA_G
ClientSampleId :
ICVBG030520

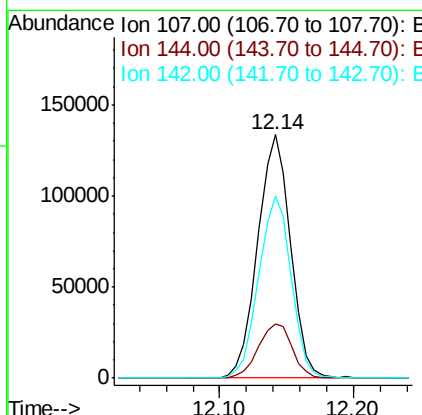
Manual Integrations
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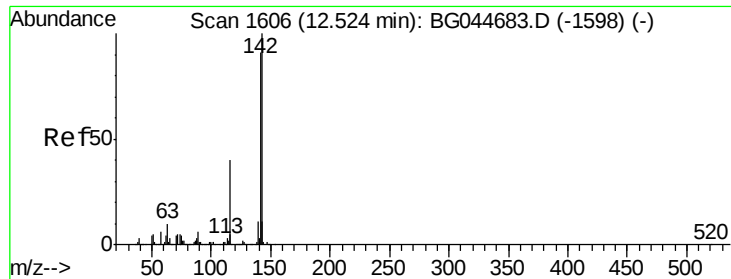
mohammad
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#36
4-Chloro-3-methylphenol
Concen: 37.995 ng
RT: 12.14 min Scan# 1541
Delta R.T. 0.01 min
Lab File: BG044688.D
Acq: 5 Mar 2020 17:43

Tgt Ion	Ratio	Lower	Upper
107	100		
144	22.4	17.9	26.9
142	75.0	55.8	83.8





#37

2-Methylnaphthalene

Concen: 38.023 ng

RT: 12.53 min Scan# 1607

Delta R.T. 0.01 min

Lab File: BG044688.D

Acq: 5 Mar 2020 17:43

Instrument :

BNA_G

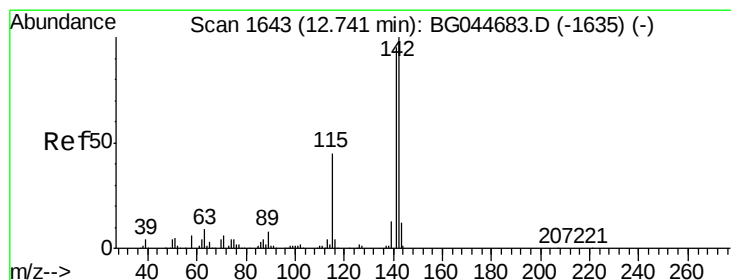
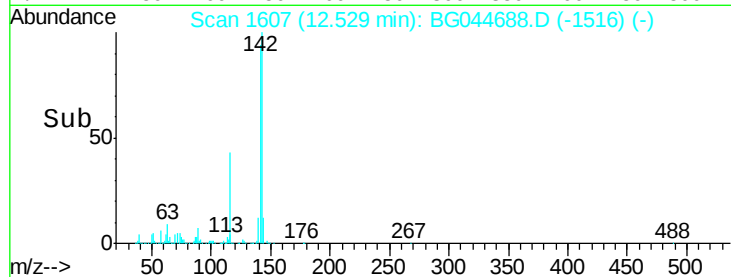
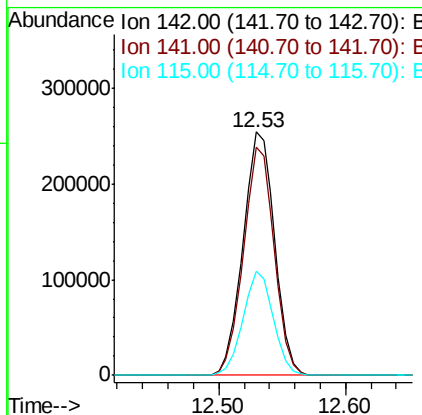
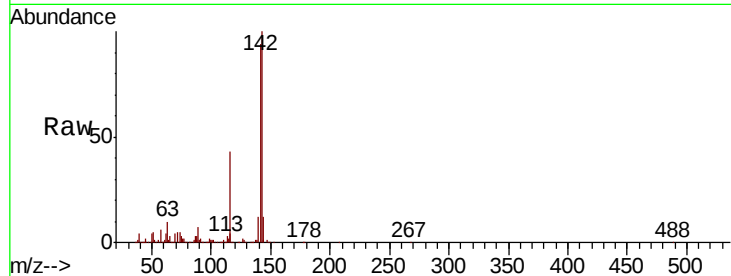
ClientSampleId :

ICVBG030520

Tot Ion:	142	Resp:	439665
Ion Ratio	Lower	Upper	
142	100		
141	93.5	72.9	109.3
115	42.6	32.3	48.5

Manual Integrations
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#38

1-Methylnaphthalene

Concen: 37.959 ng

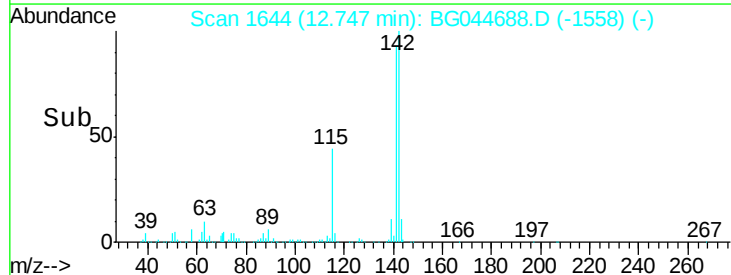
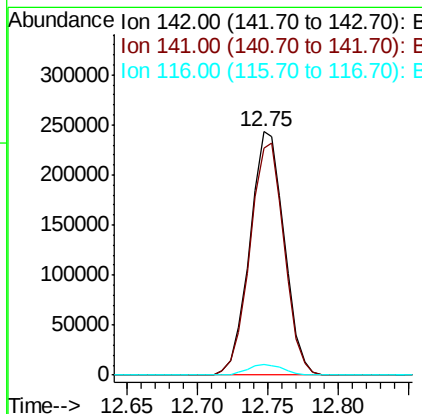
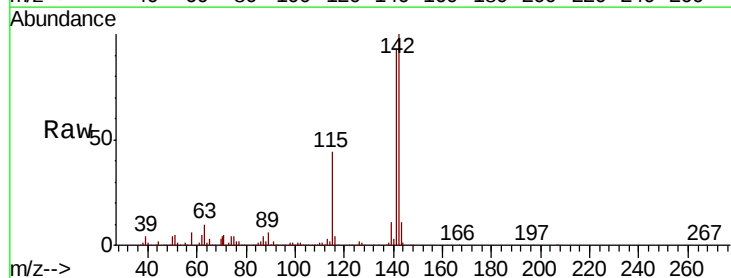
RT: 12.75 min Scan# 1644

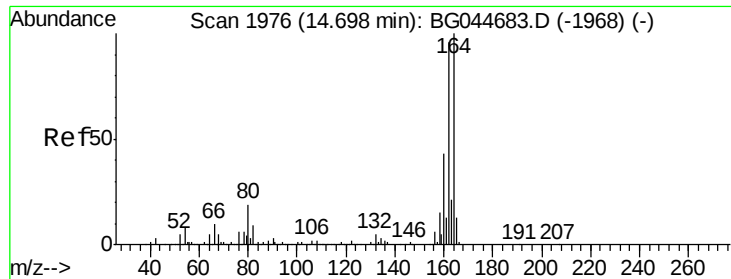
Delta R.T. 0.01 min

Lab File: BG044688.D

Acq: 5 Mar 2020 17:43

Tgt Ion:	142	Resp:	414929
Ion Ratio	Lower	Upper	
142	100		
141	93.4	76.2	114.2
116	4.3	3.4	5.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.70 min Scan# 1977

Delta R.T. 0.01 min

Lab File: BG044688.D

Acq: 5 Mar 2020 17:43

Instrument :

BNA_G

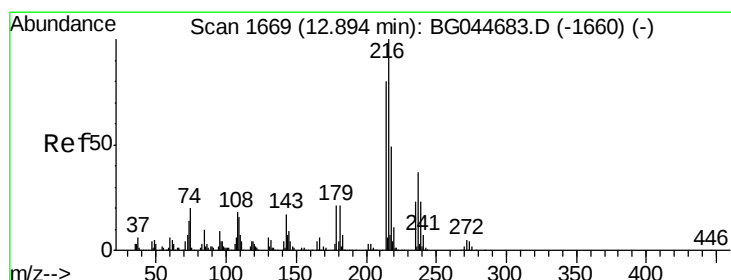
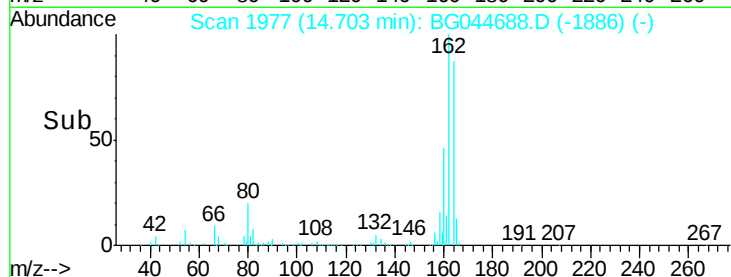
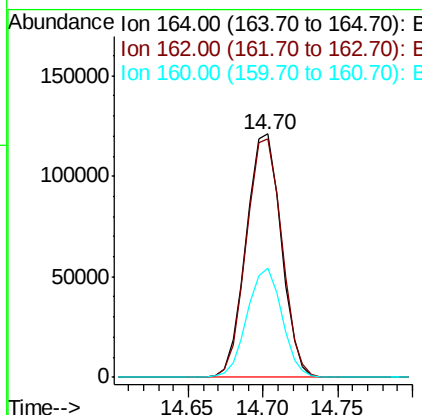
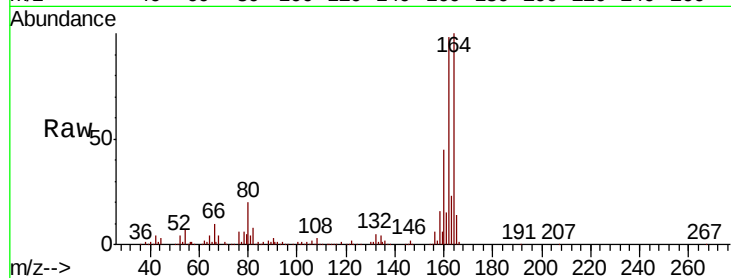
ClientSampleId :

ICVBG030520

Tot Ion:	164	Resp:	196490
Ion Ratio	Lower	Upper	
164	100		
162	98.0	76.5	114.7
160	44.9	34.8	52.2

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 37.790 ng

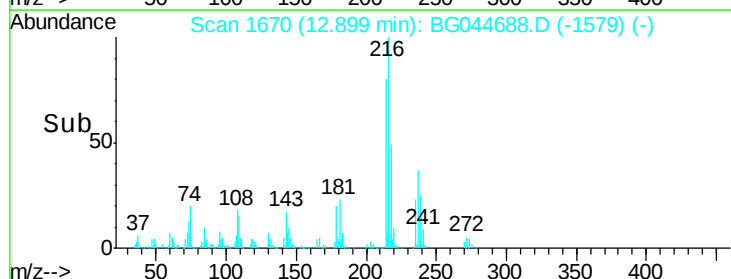
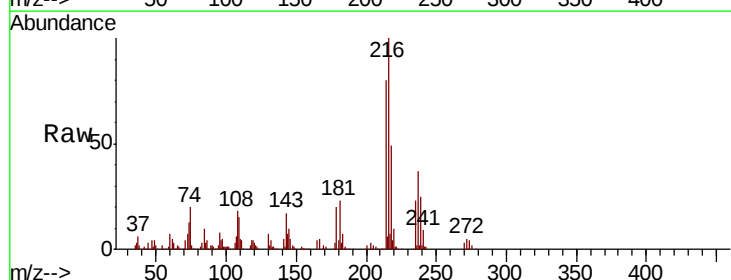
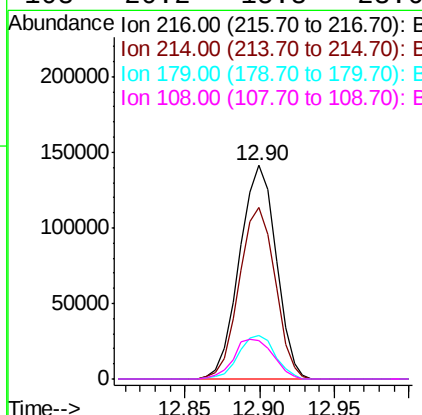
RT: 12.90 min Scan# 1670

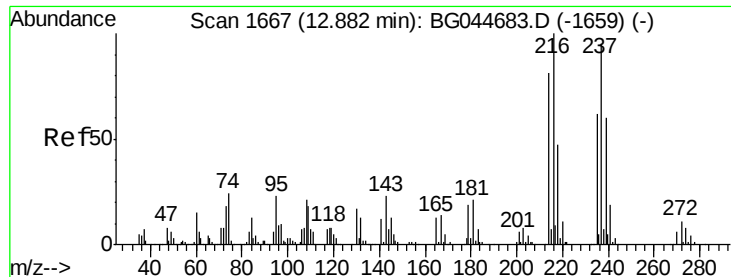
Delta R.T. 0.01 min

Lab File: BG044688.D

Acq: 5 Mar 2020 17:43

Tgt Ion:	216	Resp:	241055
Ion Ratio	Lower	Upper	
216	100		
214	78.6	64.5	96.7
179	20.5	16.7	25.1
108	20.2	15.8	23.6





#41

Hexachlorocyclopentadiene

Concen: 36.548 ng

RT: 12.89 min Scan# 1668

Delta R.T. 0.01 min

Lab File: BG044688.D

Acq: 5 Mar 2020 17:43

Instrument :

BNA_G

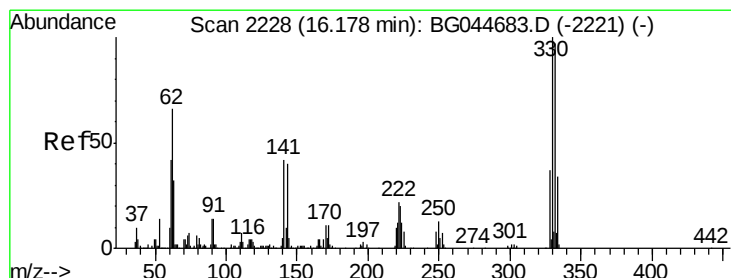
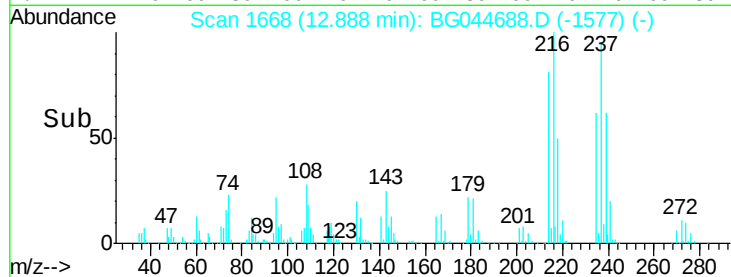
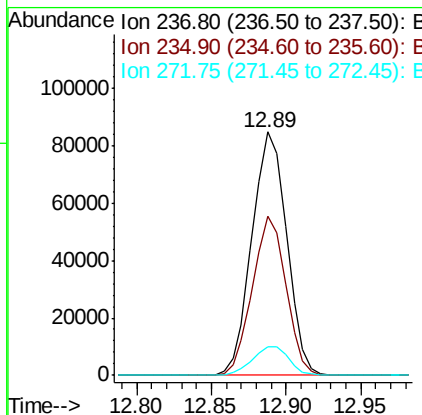
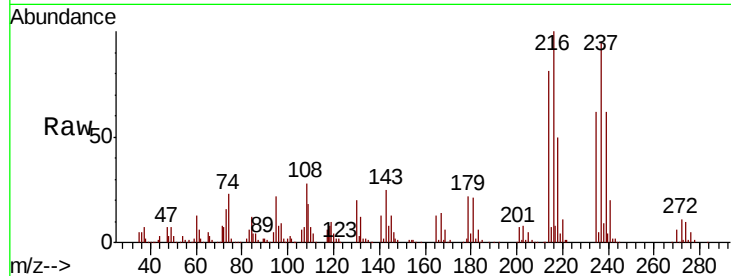
ClientSampleId :

ICVBG030520

Tot Ion:	237	Resp:	136323
Ion Ratio	Lower	Upper	
237	100		
235	65.3	44.7	84.7
272	11.8	0.0	31.7

Manual Integrations
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#42

2,4,6-Tribromophenol

Concen: 76.650 ng

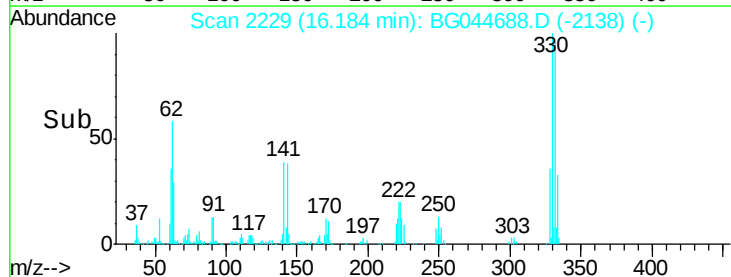
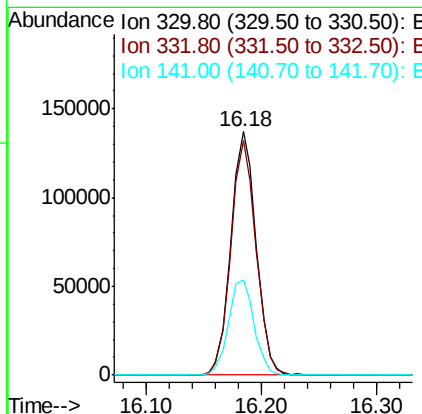
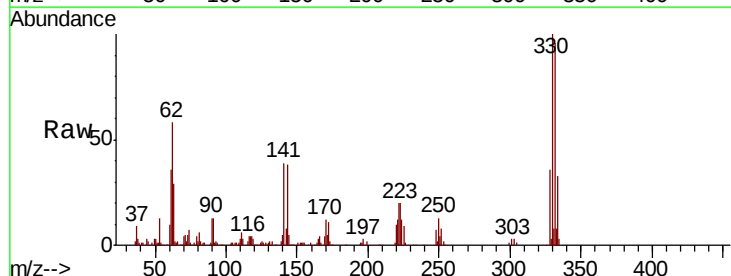
RT: 16.18 min Scan# 2229

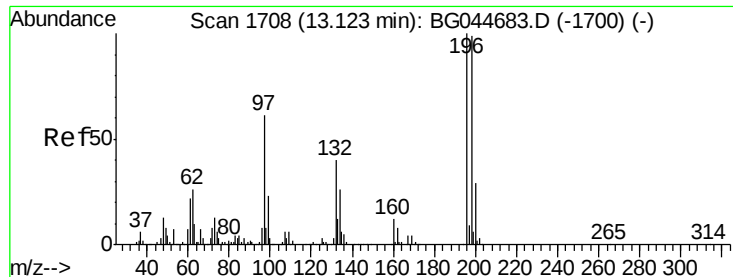
Delta R.T. 0.01 min

Lab File: BG044688.D

Acq: 5 Mar 2020 17:43

Tgt Ion:	330	Resp:	206885
Ion Ratio	Lower	Upper	
330	100		
332	96.2	77.0	115.6
141	40.1	32.4	48.6





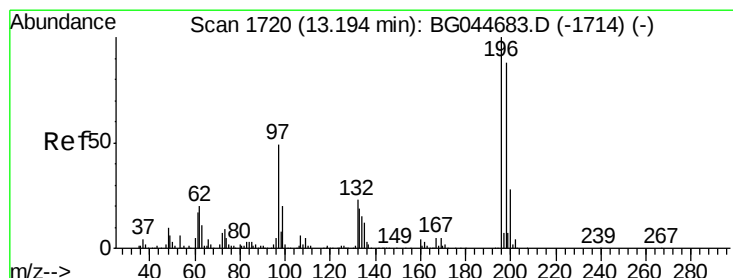
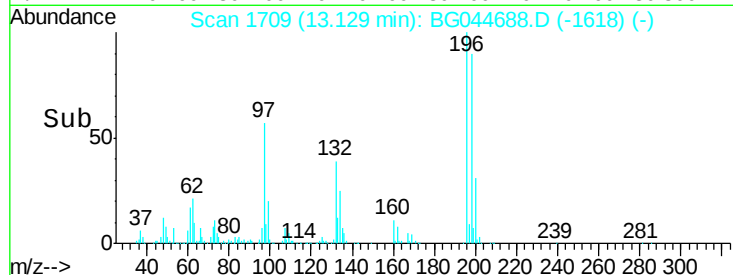
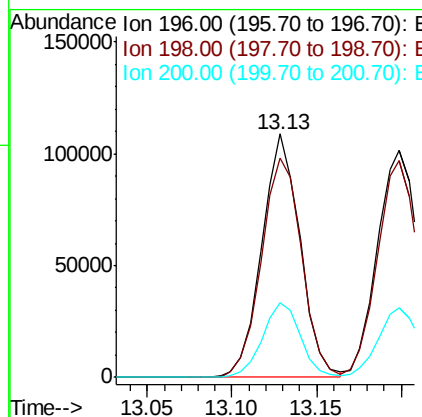
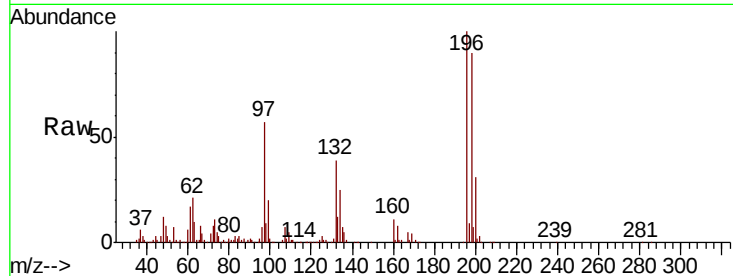
#43
2,4,6-Trichlorophenol
Concen: 38.641 ng
RT: 13.13 min Scan# 1709
Delta R.T. 0.01 min
Lab File: BG044688.D
Acq: 5 Mar 2020 17:43

Instrument :
BNA_G
ClientSampleId :
ICVBG030520

Tot Ion	Ratio	Resp	Lower	Upper
196	100	170872		
198	90.1	79.3	118.9	
200	30.6	23.0	34.6	

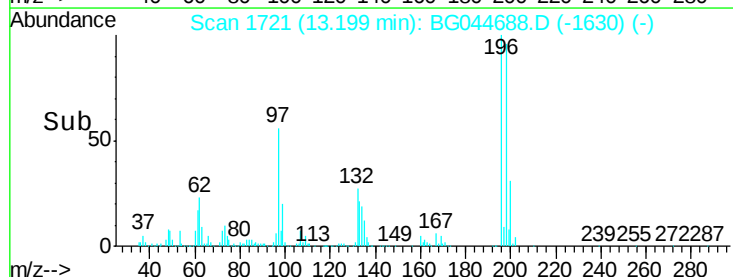
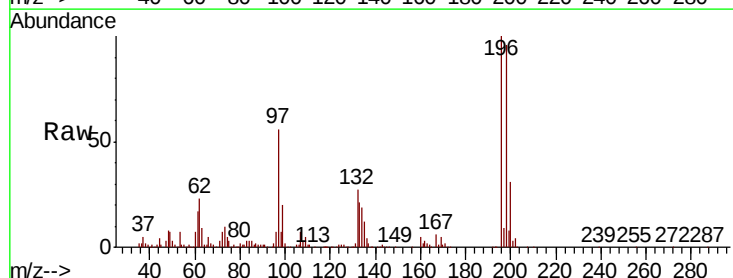
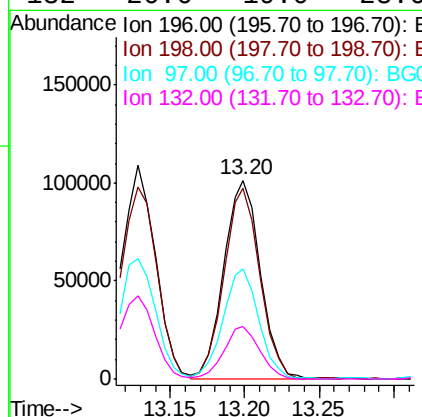
Manual Integrations
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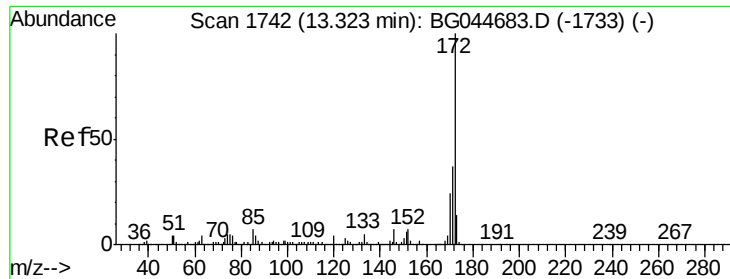
mohammad
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#44
2,4,5-Trichlorophenol
Concen: 38.126 ng
RT: 13.20 min Scan# 1721
Delta R.T. 0.01 min
Lab File: BG044688.D
Acq: 5 Mar 2020 17:43

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	172903		
198	95.7	70.7	106.1	
97	55.6	39.4	59.2	
132	26.6	19.0	28.6	





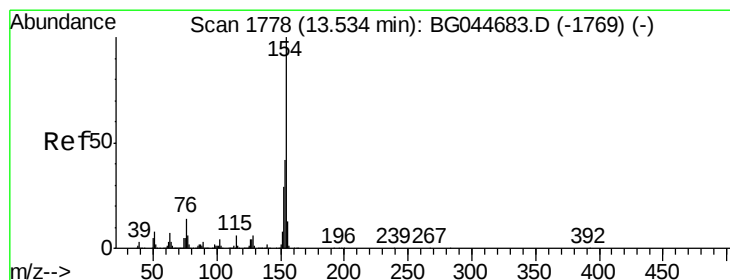
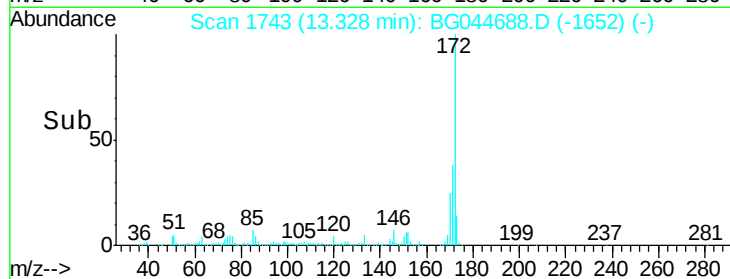
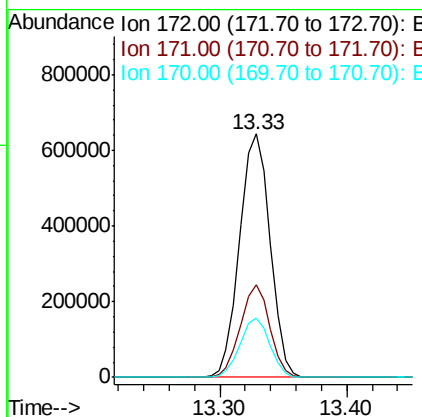
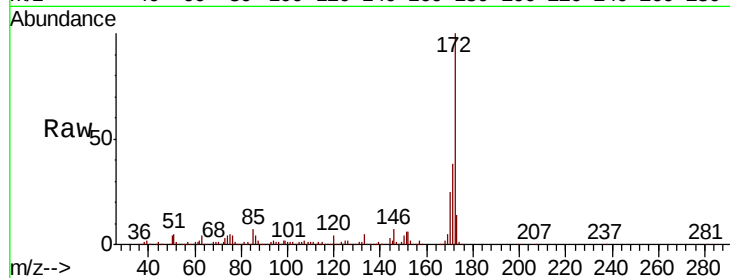
#45
2-Fluorobiphenyl
Concen: 76.055 ng
RT: 13.33 min Scan# 1743
Delta R.T. 0.01 min
Lab File: BG044688.D
Acq: 5 Mar 2020 17:43

Instrument :
BNA_G
ClientSampleId :
ICVBG030520

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.9	29.8	44.8
170	24.5	19.3	28.9

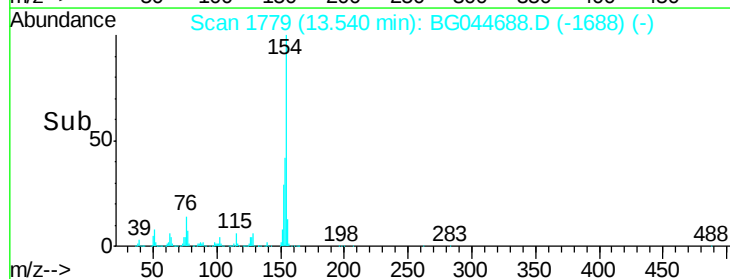
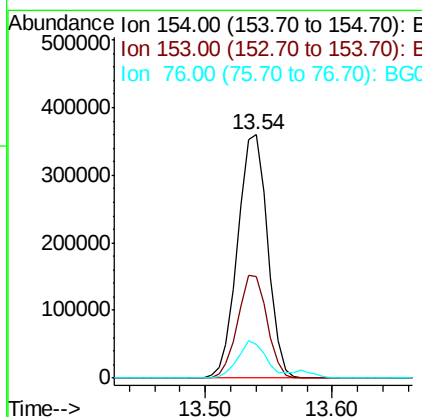
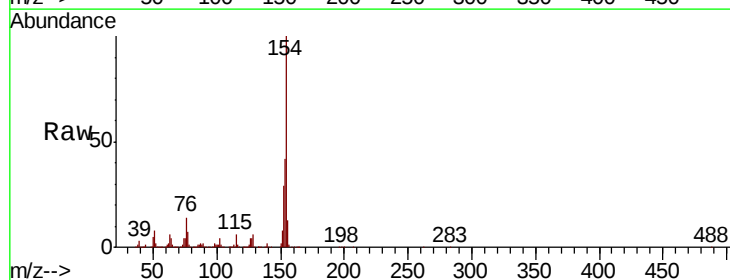
Manual Integrations
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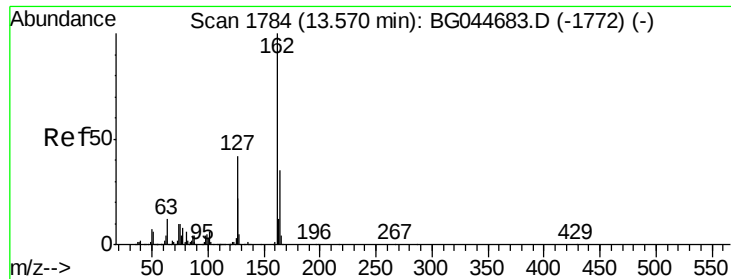
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#46
1,1'-Biphenyl
Concen: 37.503 ng
RT: 13.54 min Scan# 1779
Delta R.T. 0.01 min
Lab File: BG044688.D
Acq: 5 Mar 2020 17:43

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.0	22.1	62.1
76	13.7	0.0	34.5





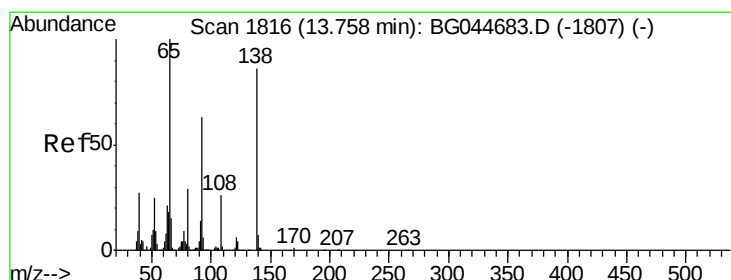
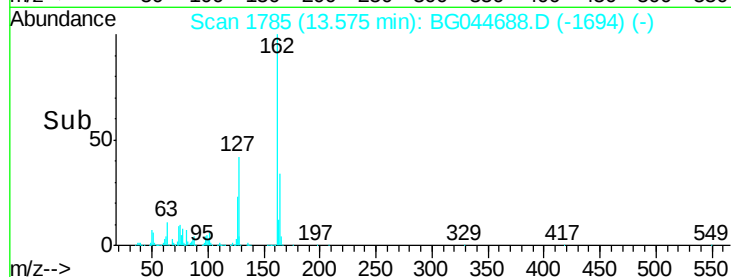
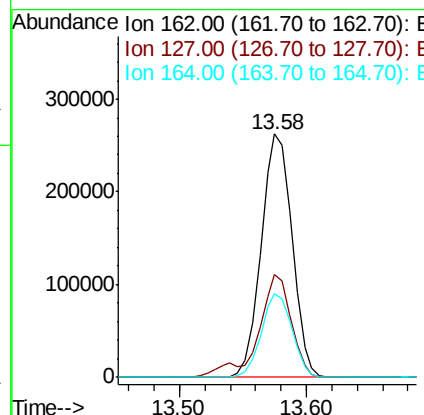
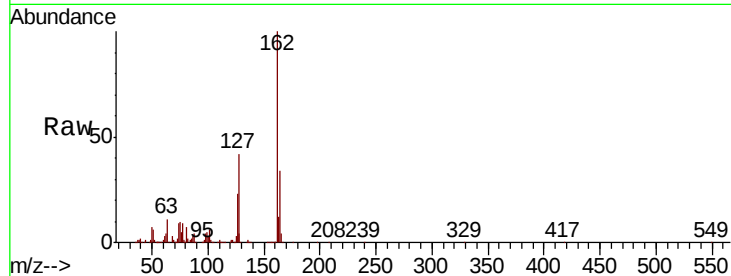
#47
2-Chloronaphthalene
Concen: 37.415 ng
RT: 13.58 min Scan# 1785
Delta R.T. 0.01 min
Lab File: BG044688.D
Acq: 5 Mar 2020 17:43

Instrument :
BNA_G
ClientSampleId :
ICVBG030520

Tot Ion	Ratio	Lower	Upper
162	100		
127	42.4	33.9	50.9
164	34.5	28.3	42.5

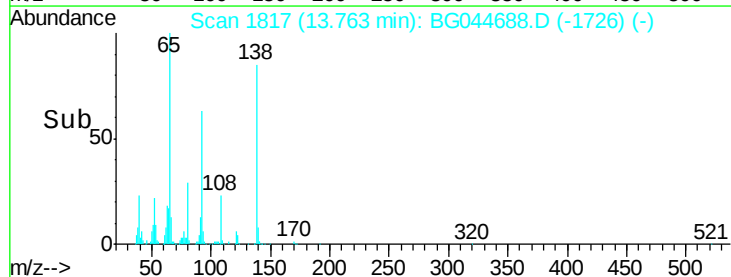
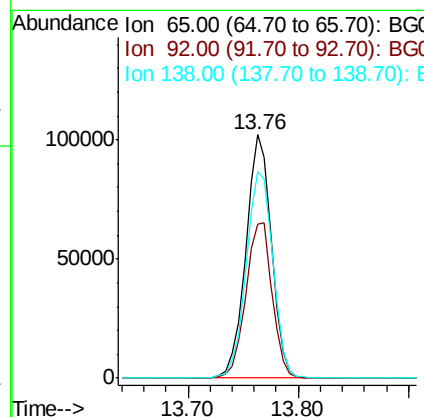
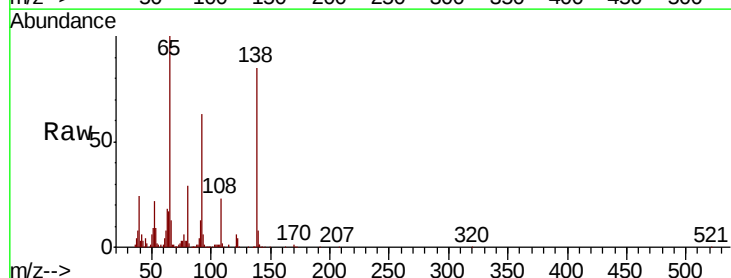
Manual Integrations
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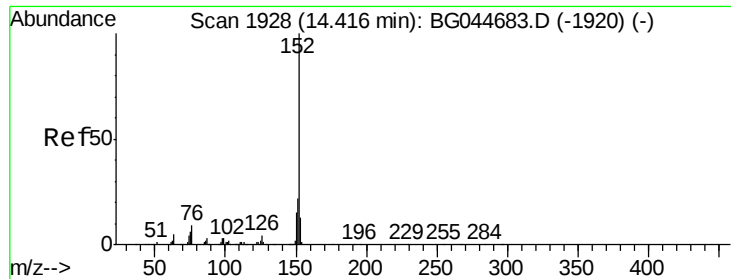
mohammad
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#48
2-Nitroaniline
Concen: 39.551 ng
RT: 13.76 min Scan# 1817
Delta R.T. 0.01 min
Lab File: BG044688.D
Acq: 5 Mar 2020 17:43

Tgt Ion	Ratio	Lower	Upper
65	100		
92	63.2	50.6	75.8
138	84.7	68.8	103.2





#49

Acenaphthylene

Concen: 37.688 ng

RT: 14.42 min Scan# 1929

Delta R.T. 0.01 min

Lab File: BG044688.D

Acq: 5 Mar 2020 17:43

Instrument :

BNA_G

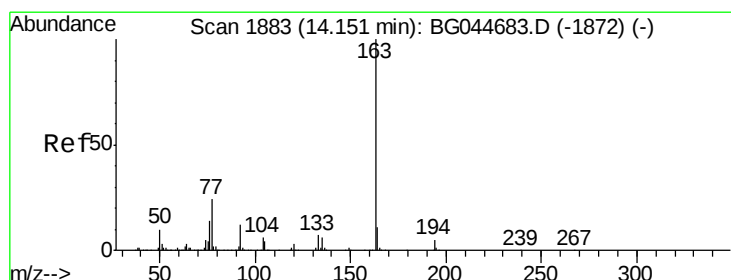
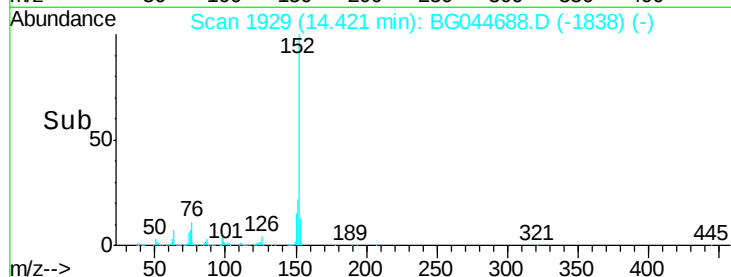
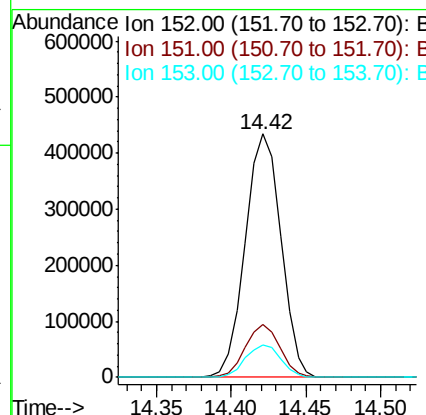
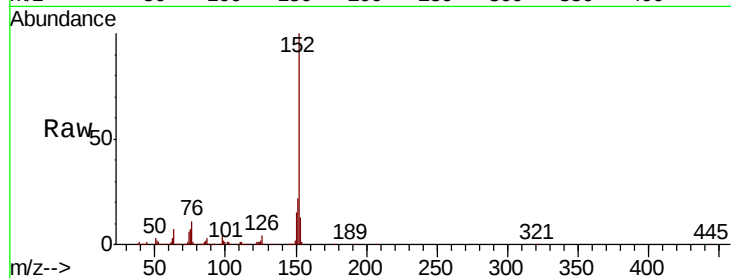
ClientSampleId :

ICVBG030520

Tot Ion	Ion	Ratio	Resp	Lower	Upper
152	100		719796		
151	21.8	17.6	26.4		
153	13.3	10.7	16.1		

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#50

Dimethylphthalate

Concen: 37.968 ng

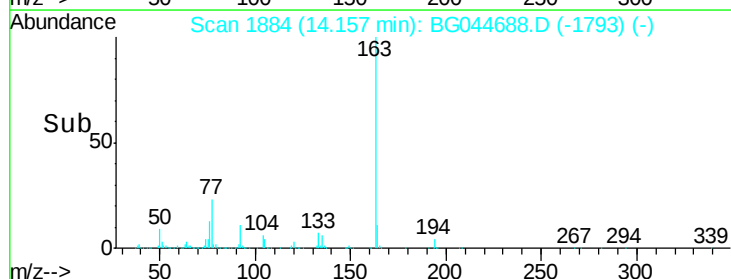
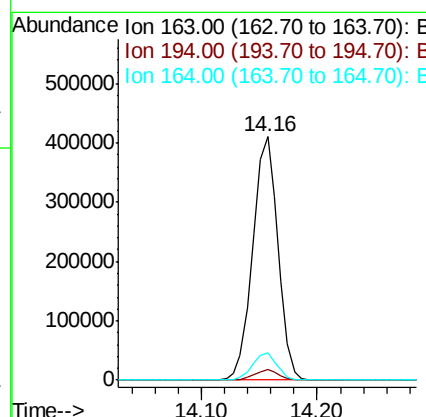
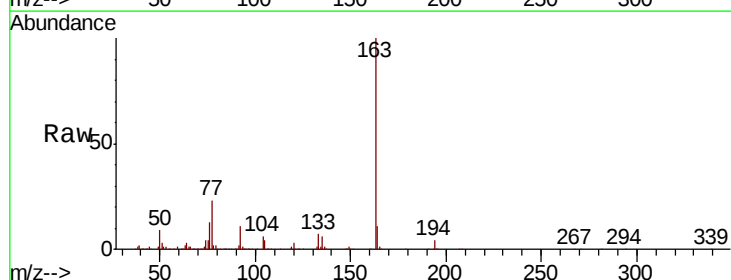
RT: 14.16 min Scan# 1884

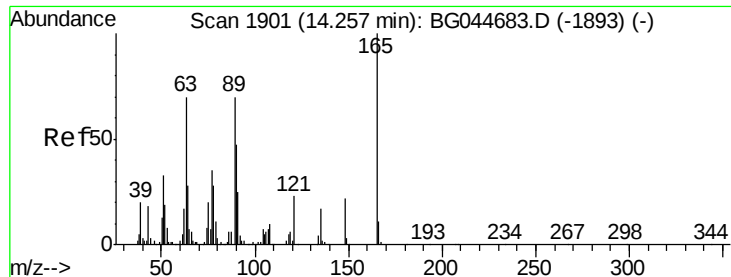
Delta R.T. 0.01 min

Lab File: BG044688.D

Acq: 5 Mar 2020 17:43

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
163	100		620211		
194	4.2	3.7	5.5		
164	11.2	8.6	12.8		





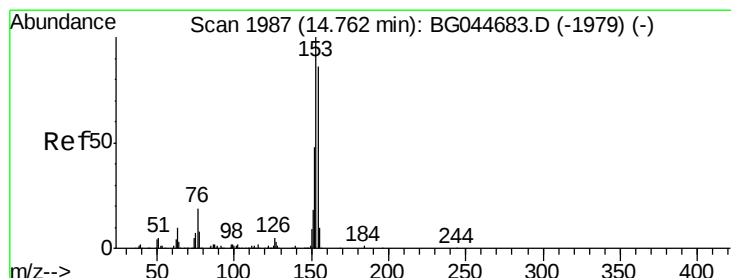
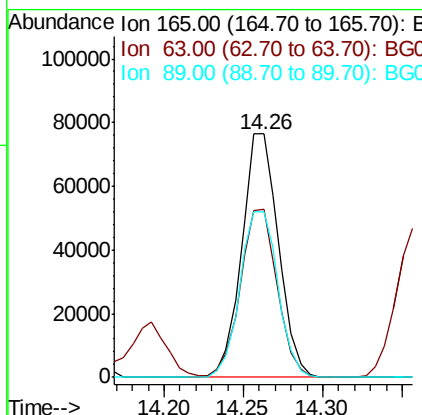
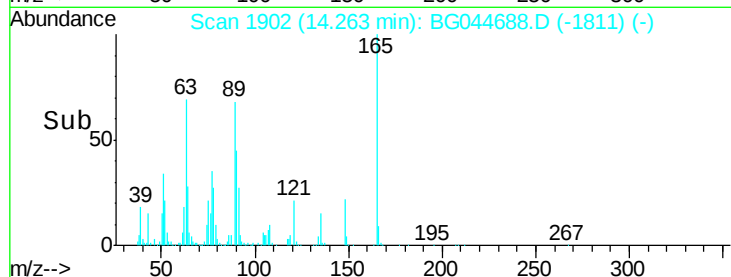
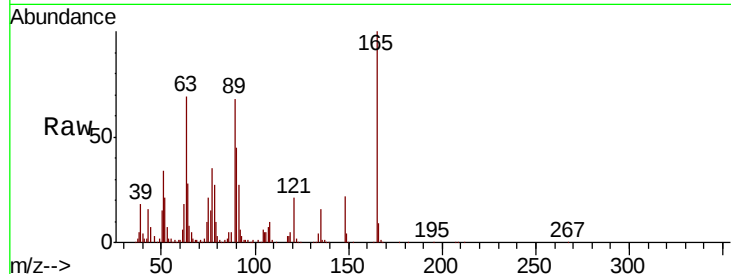
#51
2,6-Dinitrotoluene
Concen: 41.756 ng
RT: 14.26 min Scan# 1902
Delta R.T. 0.01 min
Lab File: BG044688.D
Acq: 5 Mar 2020 17:43

Instrument :
BNA_G
ClientSampleId :
ICVBG030520

Tot Ion	Ratio	Resp	Lower	Upper
165	100	122565		
63	69.3		57.4	86.0
89	67.9		56.2	84.2

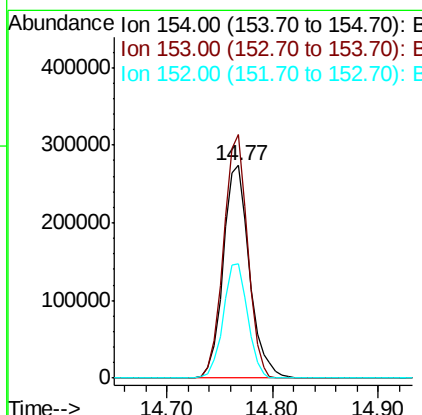
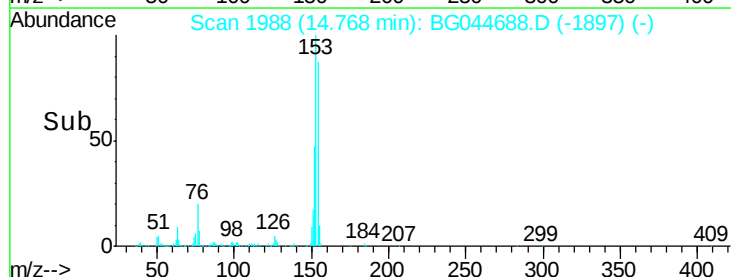
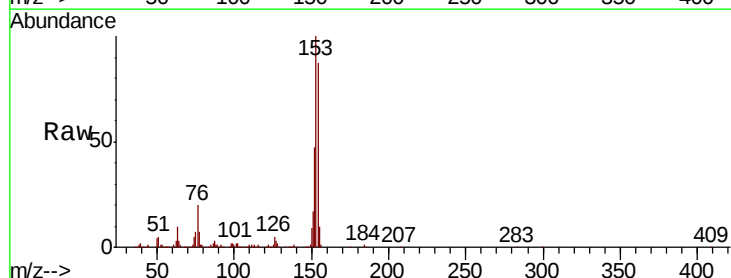
Manual Integrations
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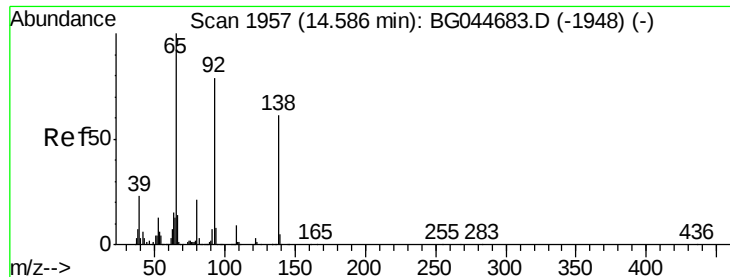
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#52
Acenaphthene
Concen: 38.031 ng
RT: 14.77 min Scan# 1988
Delta R.T. 0.01 min
Lab File: BG044688.D
Acq: 5 Mar 2020 17:43

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	469653		
153	114.7		92.6	138.8
152	53.9		44.2	66.4





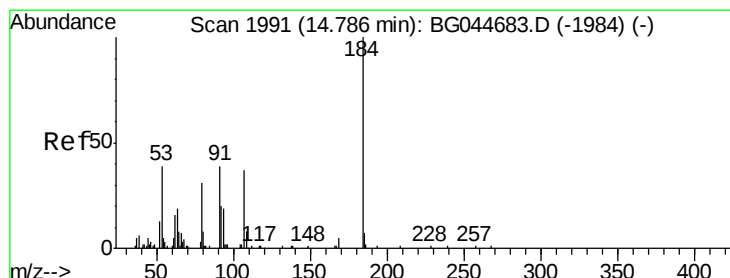
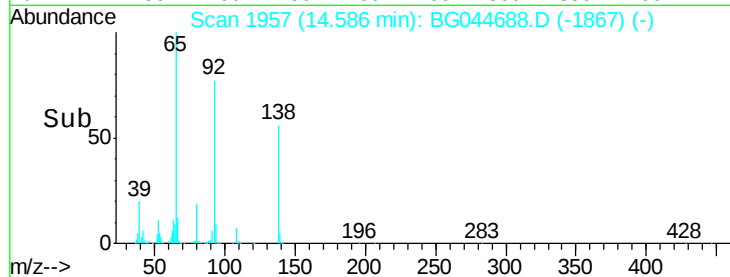
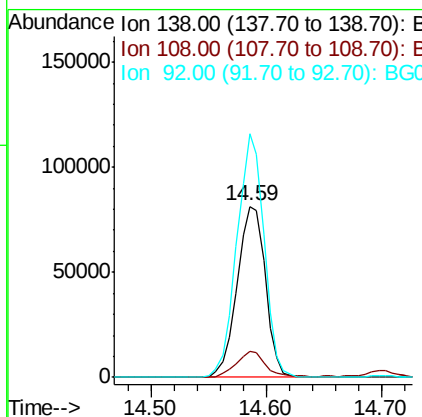
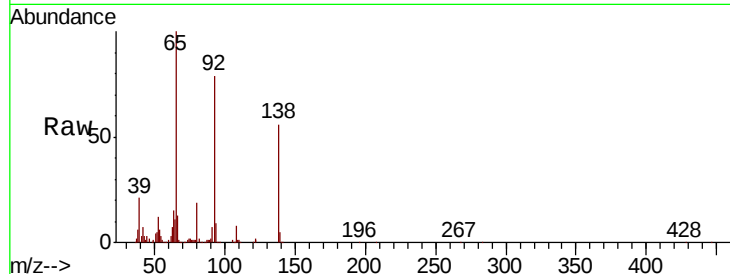
#53
3-Nitroaniline
Concen: 40.691 ng
RT: 14.59 min Scan# 1957
Delta R.T. -0.00 min
Lab File: BG044688.D
Acq: 5 Mar 2020 17:43

Instrument :
BNA_G
ClientSampleId :
ICVBG030520

Tot Ion	Ratio	Lower	Upper
138	100		
108	14.9	12.2	18.4
92	142.5	105.1	157.7

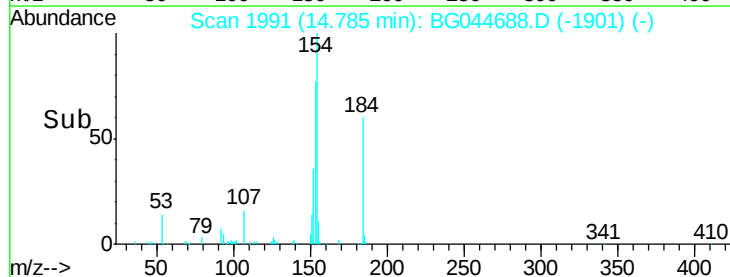
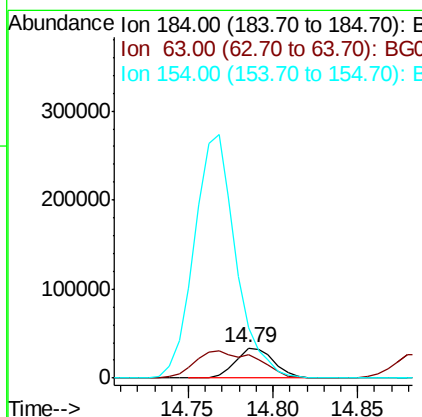
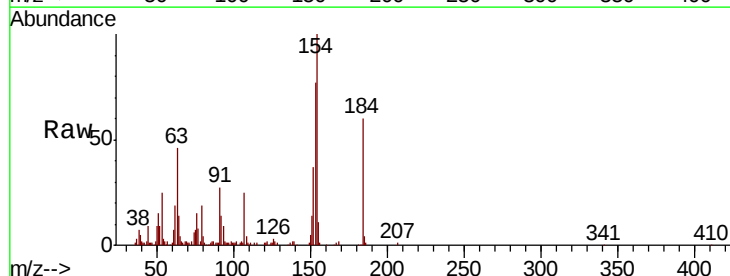
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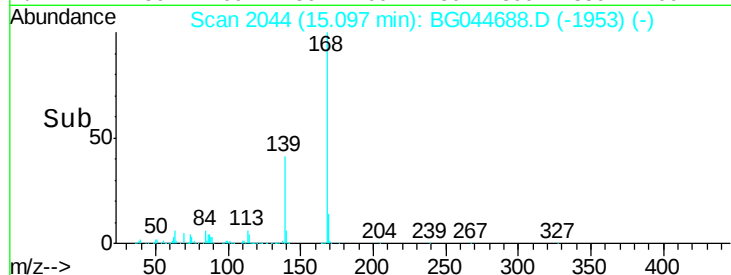
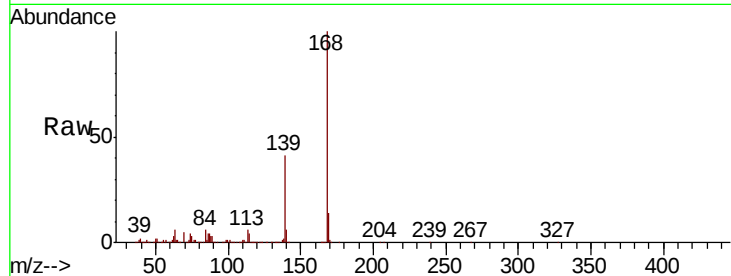
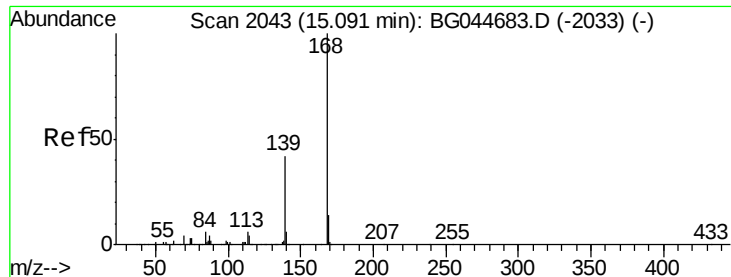
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#54
2,4-Dinitrophenol
Concen: 38.213 ng
RT: 14.79 min Scan# 1991
Delta R.T. 0.00 min
Lab File: BG044688.D
Acq: 5 Mar 2020 17:43

Tgt Ion	Ratio	Lower	Upper
184	100		
63	77.0	42.4	63.6#
154	165.6	75.0	112.4#





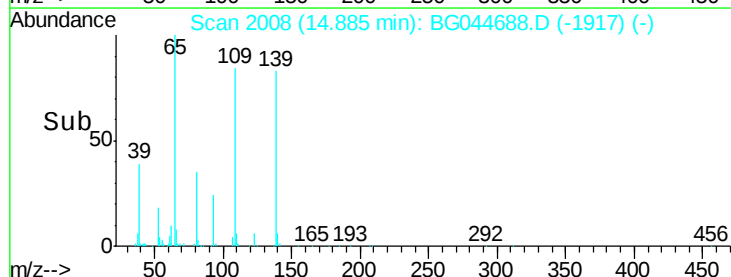
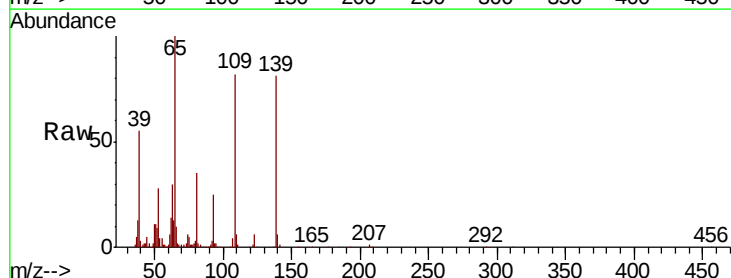
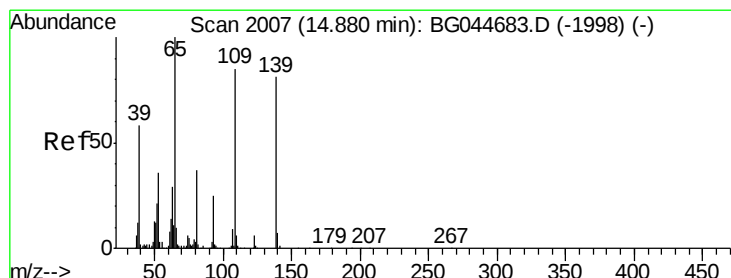
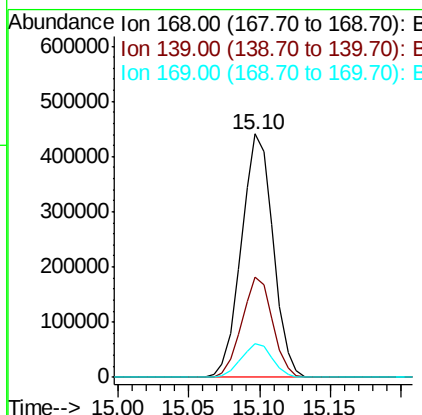
#55
Dibenzofuran
Concen: 37.358 ng
RT: 15.10 min Scan# 2044
Delta R.T. 0.01 min
Lab File: BG044688.D
Acq: 5 Mar 2020 17:43

Instrument :
BNA_G
ClientSampleId :
ICVBG030520

Tot Ion	Ratio	Lower	Upper
168	100		
139	41.2	33.8	50.6
169	14.0	11.0	16.4

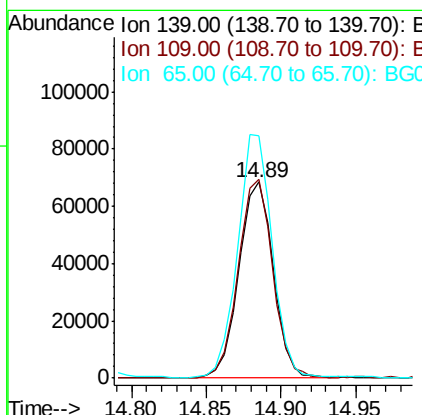
Manual Integrations
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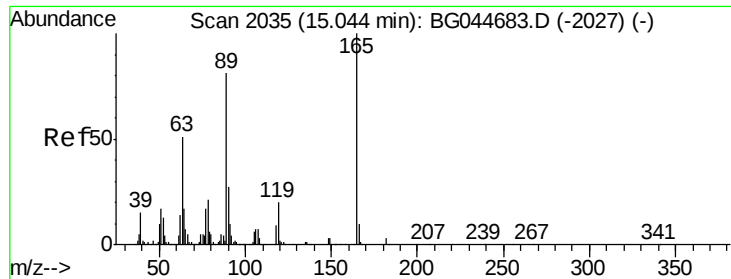
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#56
4-Nitrophenol
Concen: 41.680 ng
RT: 14.89 min Scan# 2008
Delta R.T. 0.01 min
Lab File: BG044688.D
Acq: 5 Mar 2020 17:43

Tgt Ion	Ratio	Lower	Upper
139	100		
109	101.6	86.0	126.0
65	124.0	104.5	144.5





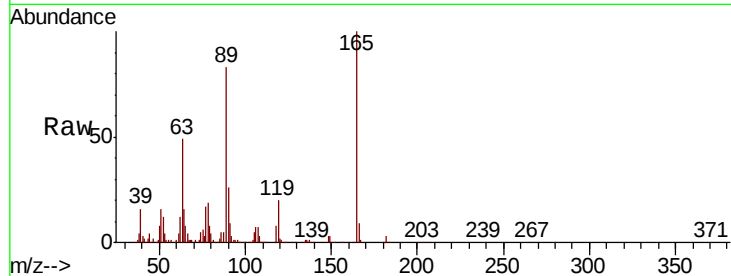
#57
 2,4-Dinitrotoluene
 Concen: 40.895 ng
 RT: 15.05 min Scan# 2036
 Delta R.T. 0.01 min
 Lab File: BG044688.D
 Acq: 5 Mar 2020 17:43

Instrument :
 BNA_G
 ClientSampleId :
 ICVBG030520

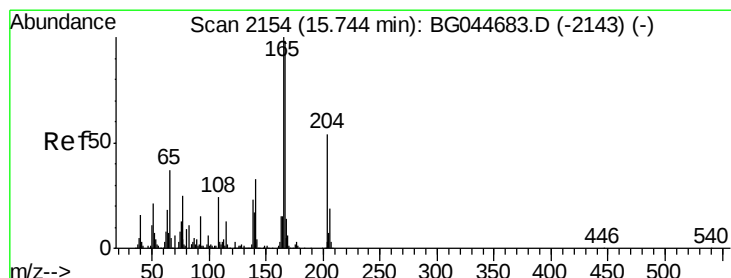
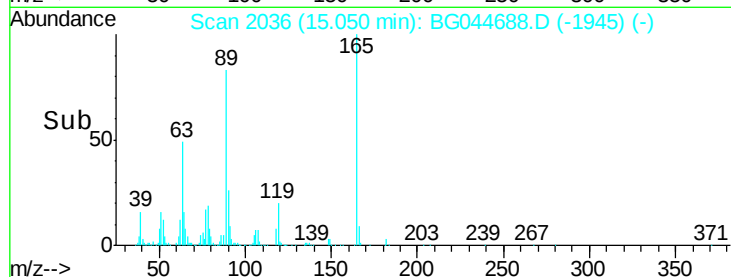
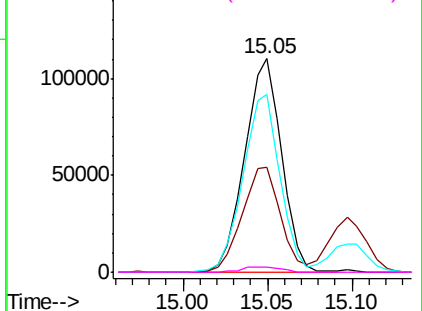
Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		167679		
63	49.3		40.6	61.0	
89	83.1		65.0	97.6	
182	2.5		2.4	3.6	

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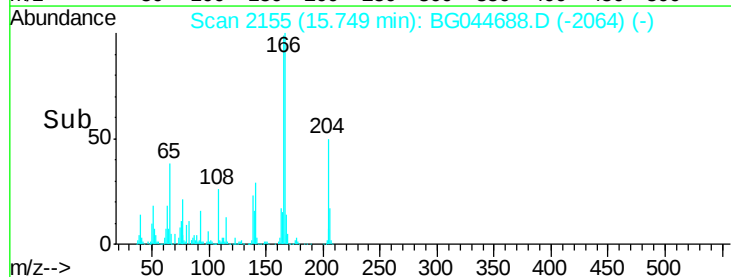
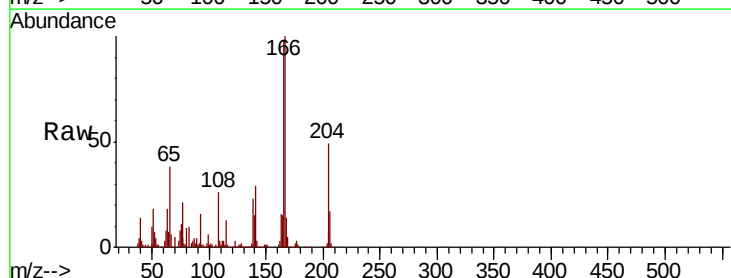
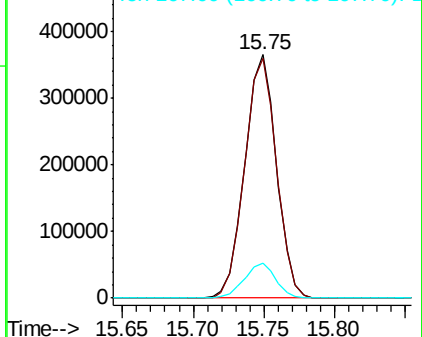
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG
 Ion 182.00 (181.70 to 182.70): E

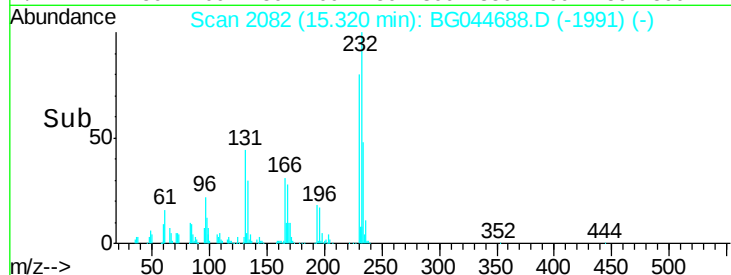
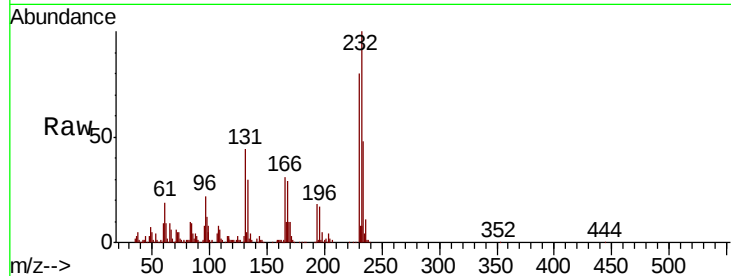
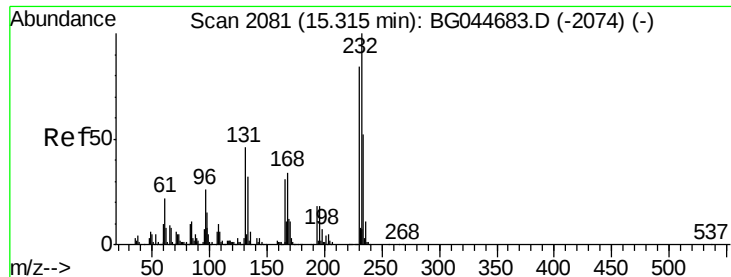


#58
 Fluorene
 Concen: 37.473 ng
 RT: 15.75 min Scan# 2155
 Delta R.T. 0.01 min
 Lab File: BG044688.D
 Acq: 5 Mar 2020 17:43

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		573514		
165	98.4		81.3	121.9	
167	14.2		11.0	16.6	

Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E





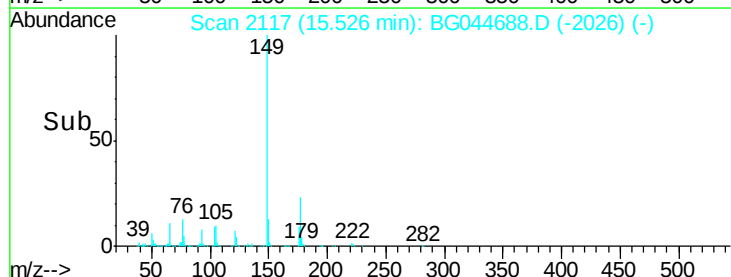
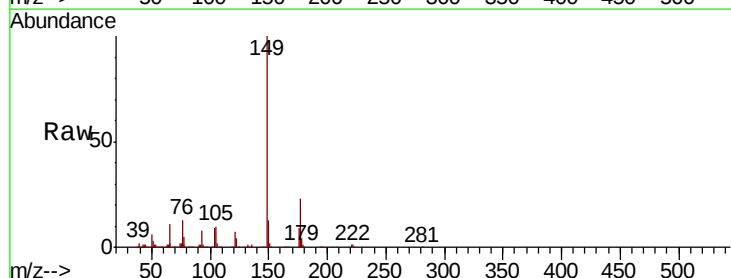
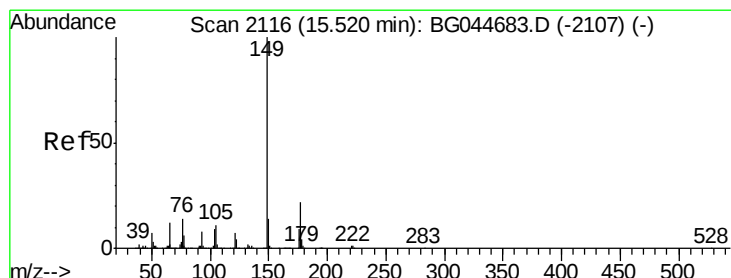
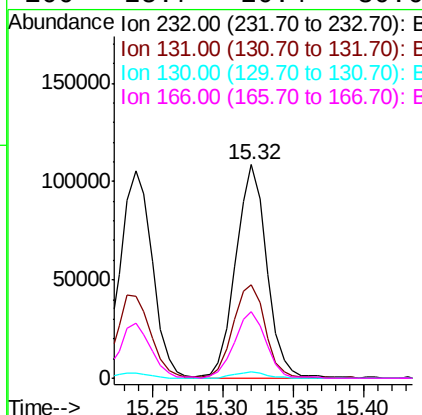
#59
2,3,4,6-Tetrachlorophenol
Concen: 39.023 ng
RT: 15.32 min Scan# 2082
Delta R.T. 0.01 min
Lab File: BG044688.D
Acq: 5 Mar 2020 17:43

Instrument :
BNA_G
ClientSampleId :
ICVBG030520

Tot Ion	Ratio	Resp	Lower	Upper
232	100	168431		
131	41.4	33.0	49.6	
130	2.6	2.2	3.2	
166	25.7	20.4	30.6	

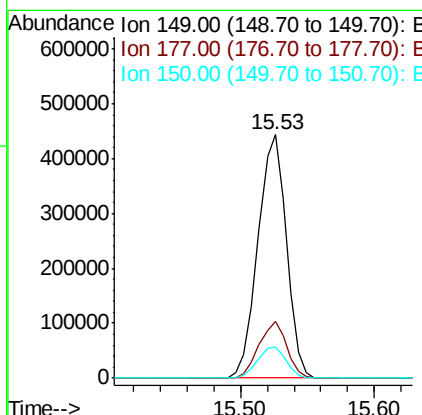
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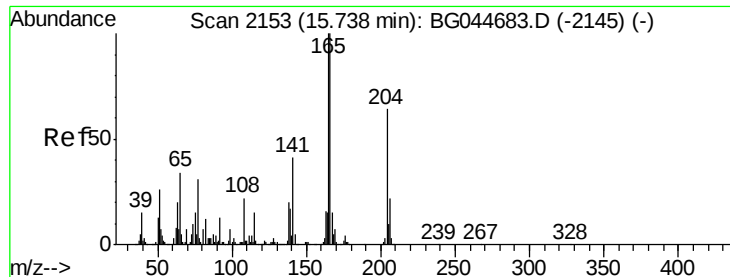
mohammad
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#60
Diethylphthalate
Concen: 37.340 ng
RT: 15.53 min Scan# 2117
Delta R.T. 0.01 min
Lab File: BG044688.D
Acq: 5 Mar 2020 17:43

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	652127		
177	23.3	17.5	26.3	
150	12.8	10.8	16.2	





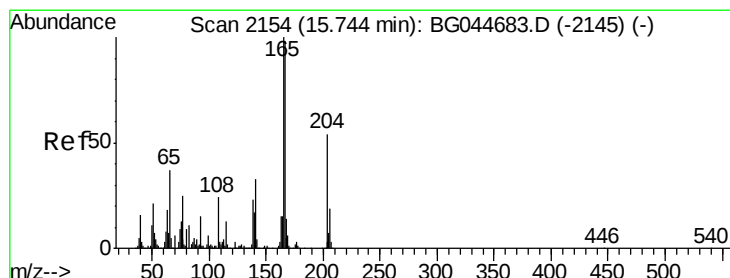
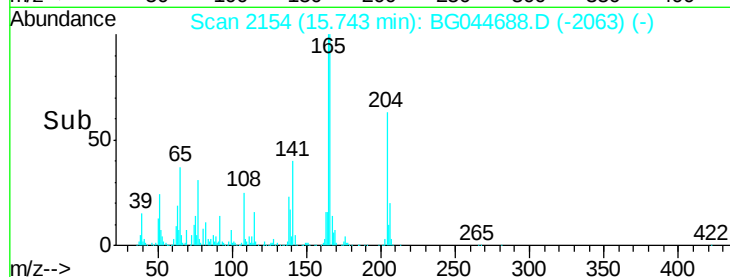
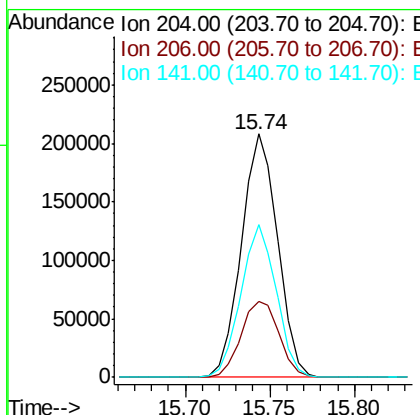
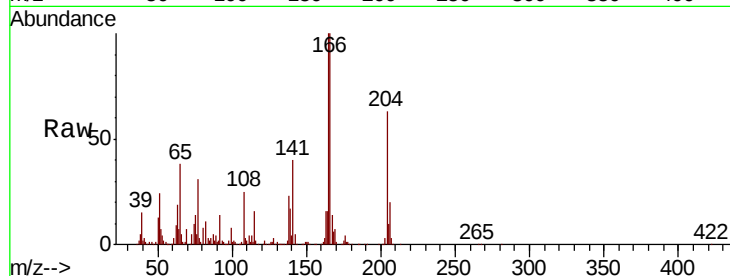
#61
4-Chlorophenyl-phenylether
Concen: 37.215 ng
RT: 15.74 min Scan# 2154
Delta R.T. 0.01 min
Lab File: BG044688.D
Acq: 5 Mar 2020 17:43

Instrument :
BNA_G
ClientSampleId :
ICVBG030520

Tot Ion	Ratio	Lower	Upper
204	100		
206	31.4	27.7	41.5
141	62.5	51.0	76.4

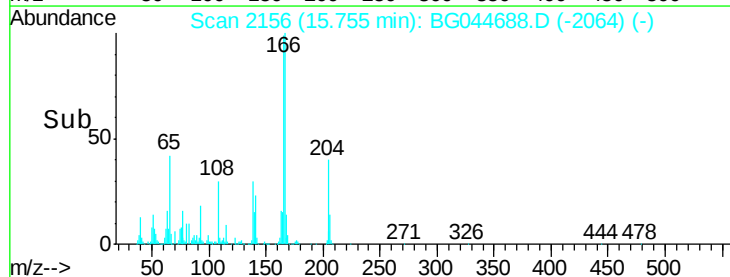
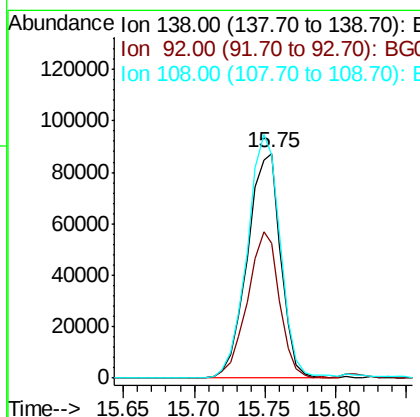
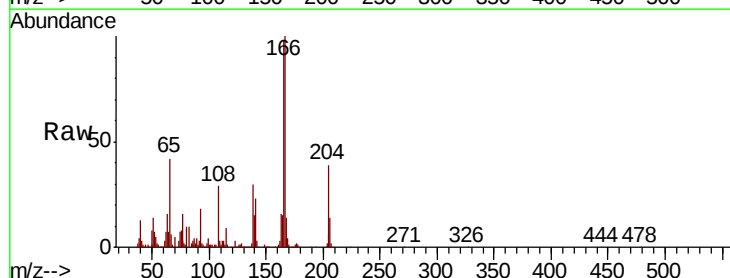
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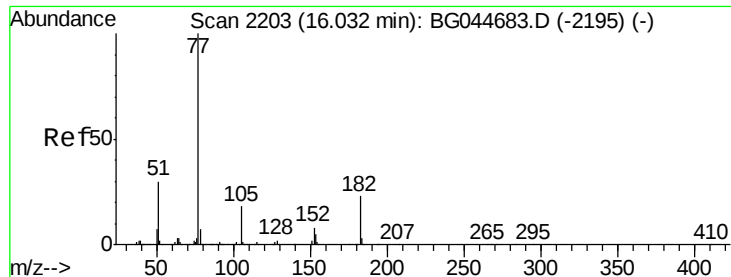
mohammad
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#62
4-Nitroaniline
Concen: 38.840 ng
RT: 15.75 min Scan# 2156
Delta R.T. 0.01 min
Lab File: BG044688.D
Acq: 5 Mar 2020 17:43

Tgt Ion	Ratio	Lower	Upper
138	100		
92	59.9	43.1	83.1
108	99.4	85.2	125.2





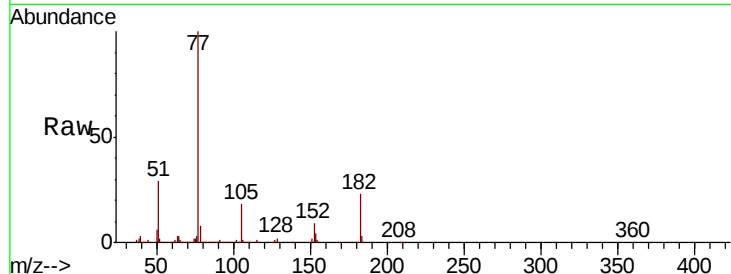
#63
Azobenzene
Concen: 37.194 ng
RT: 16.04 min Scan# 2204
Delta R.T. 0.01 min
Lab File: BG044688.D
Acq: 5 Mar 2020 17:43

Instrument :
BNA_G
ClientSampleId :
ICVBG030520

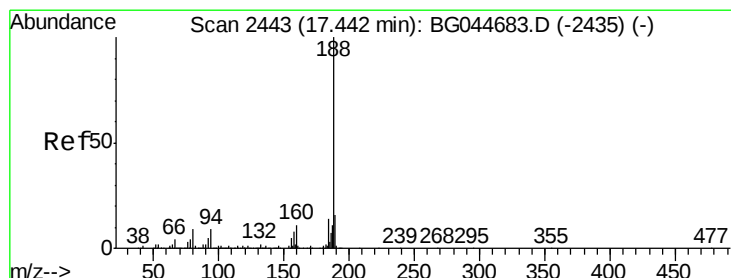
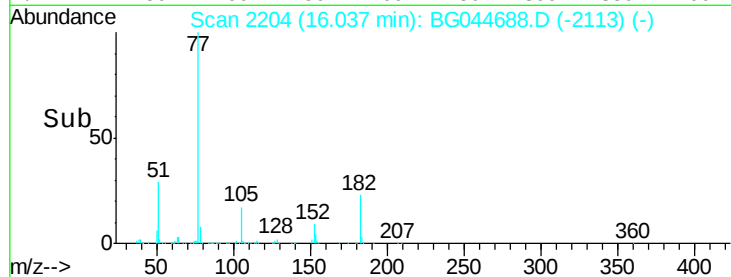
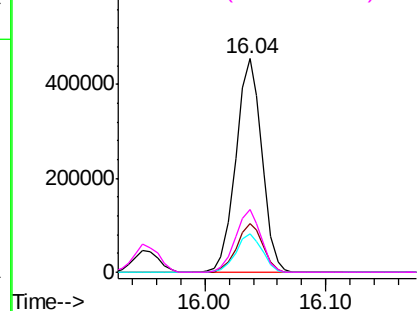
Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	23.0	2.7	42.7	
105	17.8	0.0	38.1	
51	29.4	10.3	50.3	

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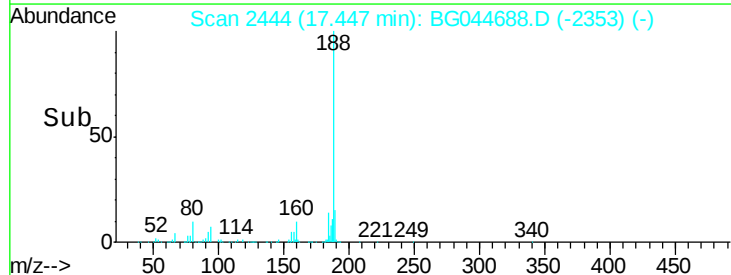
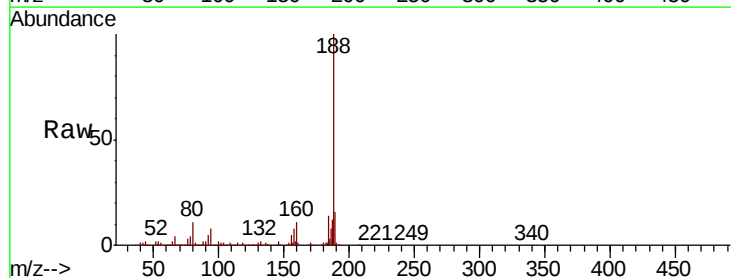
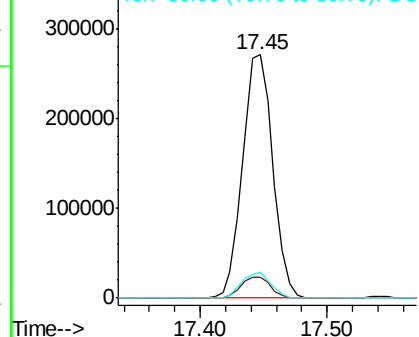
Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

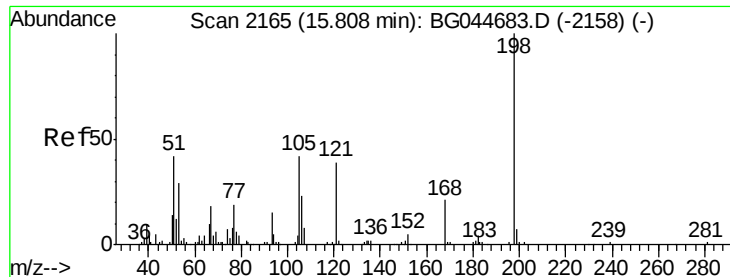


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.45 min Scan# 2444
Delta R.T. 0.01 min
Lab File: BG044688.D
Acq: 5 Mar 2020 17:43

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	8.4	7.4	11.0	
80	10.6	7.3	10.9	

Abundance Ion 188.00 (187.70 to 188.70): BGC
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC





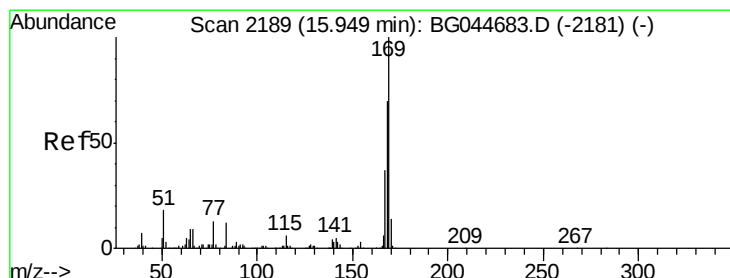
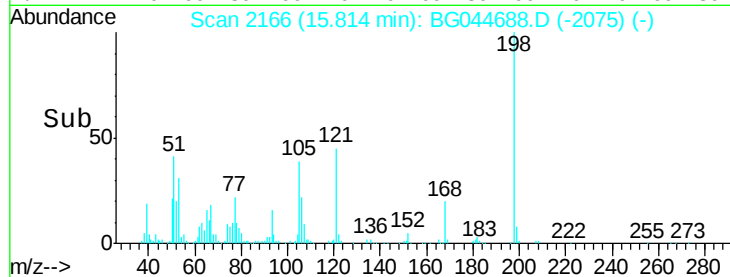
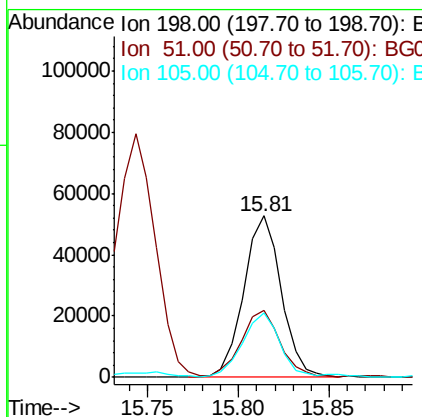
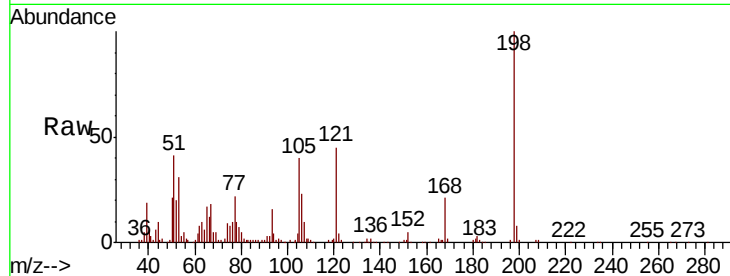
#65
4,6-Dinitro-2-methylphenol
Concen: 40.073 ng
RT: 15.81 min Scan# 2166
Delta R.T. 0.01 min
Lab File: BG044688.D
Acq: 5 Mar 2020 17:43

Instrument :
BNA_G
ClientSampleId :
ICVBG030520

Tot Ion	Ratio	Lower	Upper
198	100		
51	41.2	27.1	67.1
105	40.1	23.6	63.6

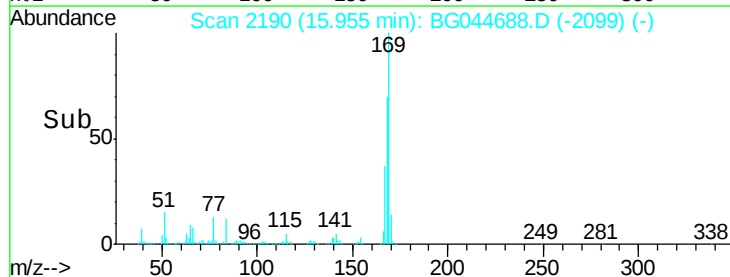
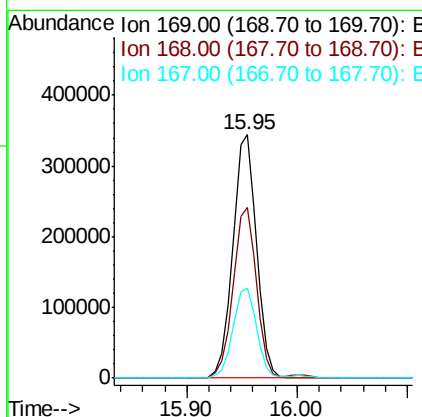
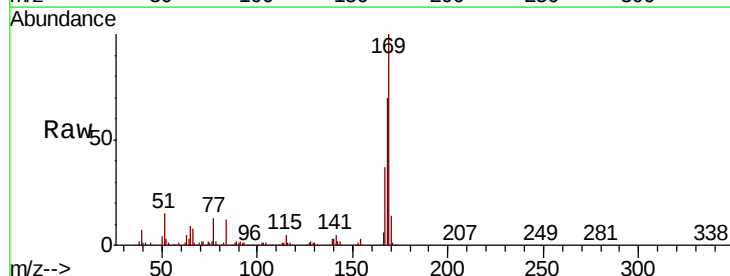
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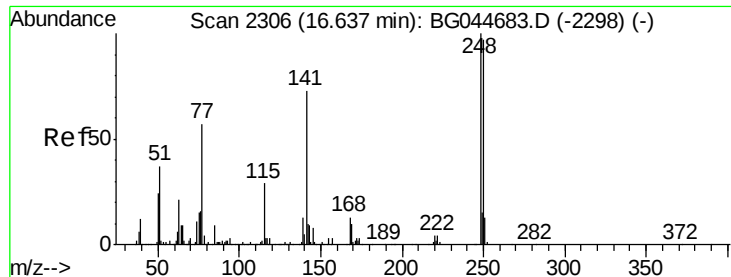
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#66
n-Nitrosodiphenylamine
Concen: 37.878 ng
RT: 15.95 min Scan# 2190
Delta R.T. 0.01 min
Lab File: BG044688.D
Acq: 5 Mar 2020 17:43

Tgt Ion	Ratio	Lower	Upper
169	100		
168	70.0	56.2	84.2
167	36.8	29.4	44.2





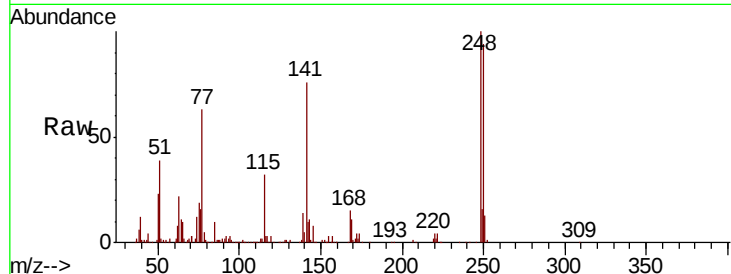
#67
4-Bromophenyl-phenylether
Concen: 37.854 ng
RT: 16.64 min Scan# 2306
Delta R.T. -0.00 min
Lab File: BG044688.D
Acq: 5 Mar 2020 17:43

Instrument :
BNA_G
ClientSampleId :
ICVBG030520

Tot Ion	Ratio	Lower	Upper
248	100		
250	94.1	77.4	116.2
141	76.4	58.1	87.1

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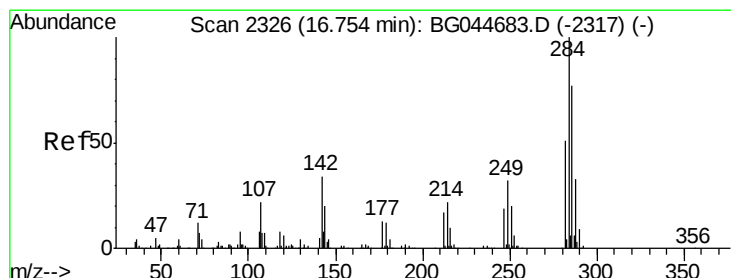
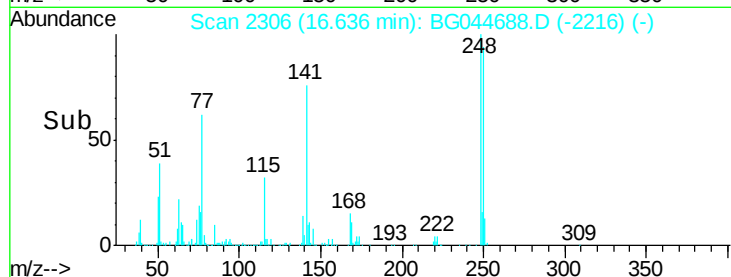
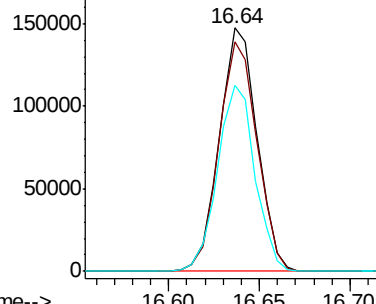


Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 37.790 ng
RT: 16.76 min Scan# 2327
Delta R.T. 0.01 min
Lab File: BG044688.D
Acq: 5 Mar 2020 17:43

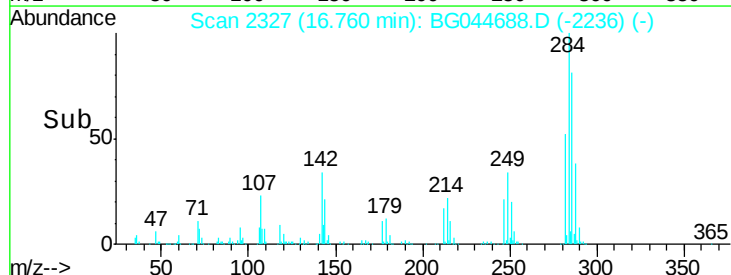
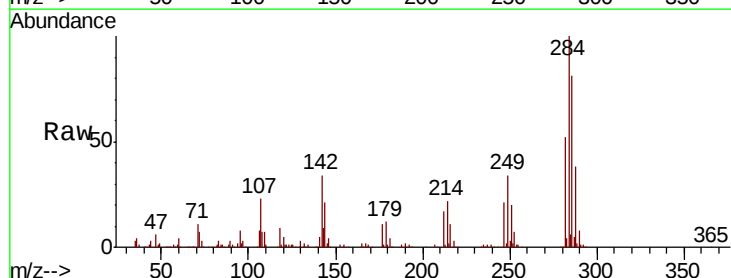
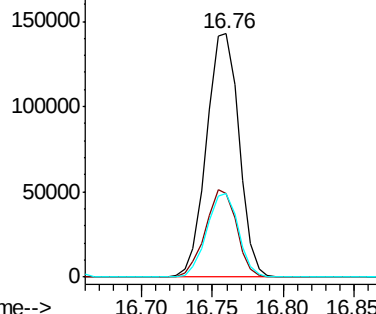
Tgt Ion	Ratio	Lower	Upper
284	100		
142	34.3	27.2	40.8
249	34.2	25.7	38.5

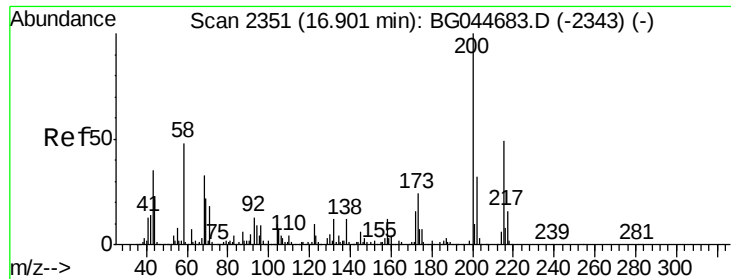
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





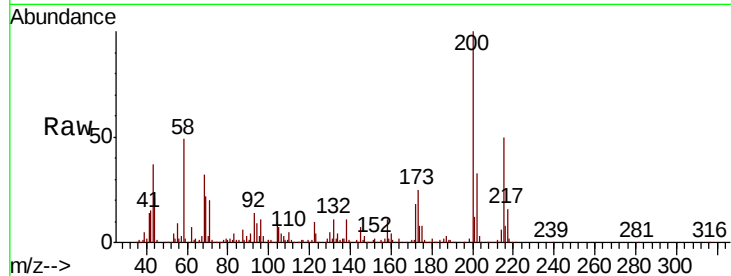
#69
Atrazine
Concen: 39.122 ng
RT: 16.90 min Scan# 2351
Delta R.T. -0.00 min
Lab File: BG044688.D
Acq: 5 Mar 2020 17:43

Instrument :
BNA_G
ClientSampleId :
ICVBG030520

Tot Ion	Ratio	Lower	Upper
200	100		
173	25.1	4.0	44.0
215	49.8	29.1	69.1

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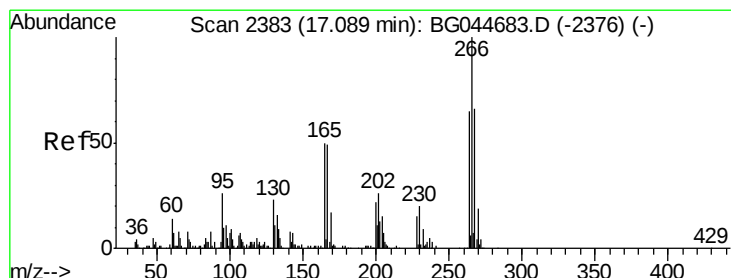
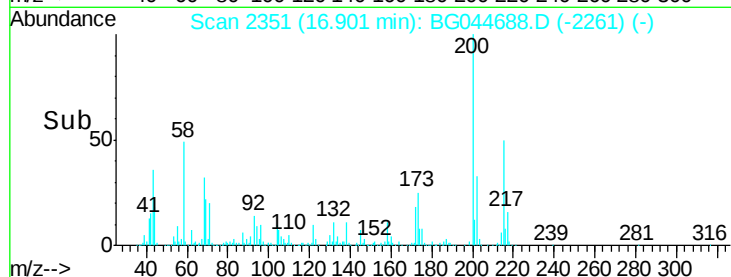
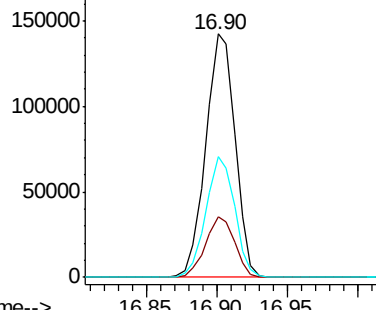


Abundance

Ion 200.00 (199.70 to 200.70): E

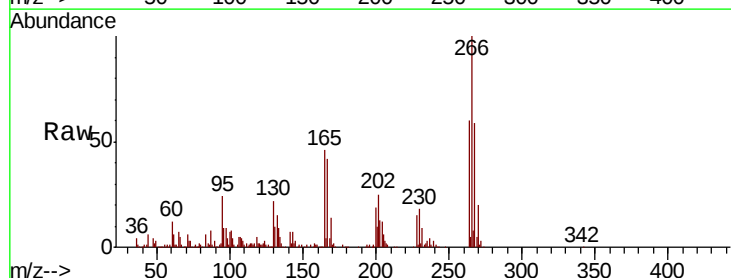
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 40.828 ng
RT: 17.09 min Scan# 2384
Delta R.T. 0.01 min
Lab File: BG044688.D
Acq: 5 Mar 2020 17:43

Tgt Ion	Ratio	Lower	Upper
266	100		
268	58.8	52.7	79.1
264	60.0	52.3	78.5

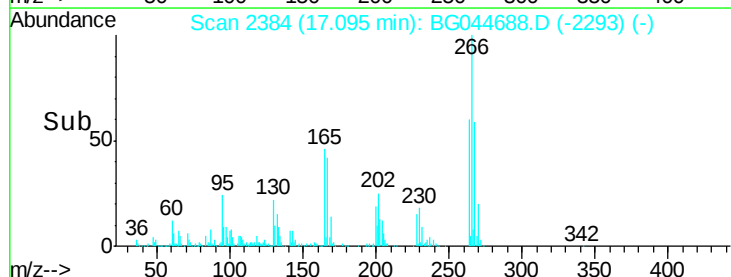
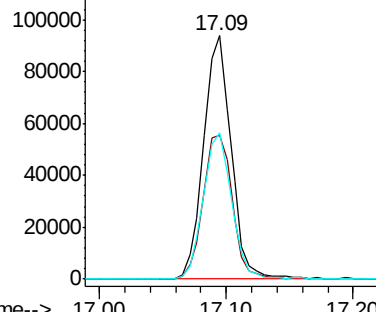


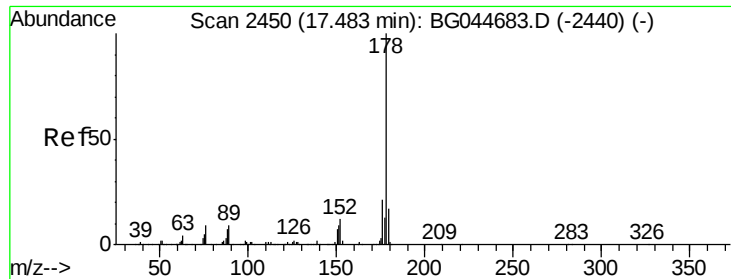
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





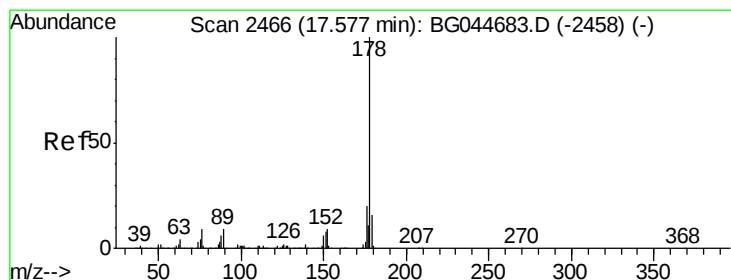
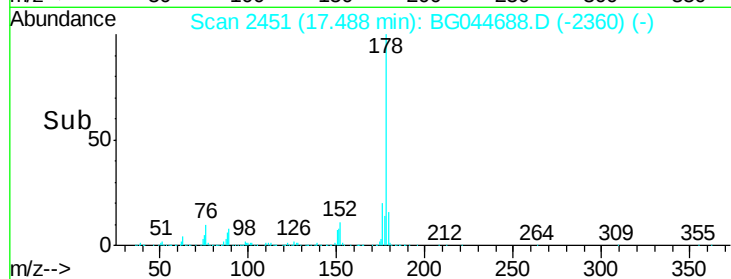
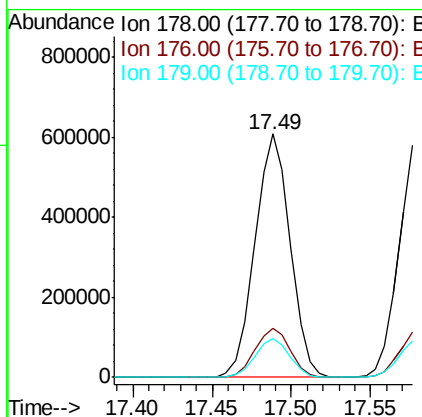
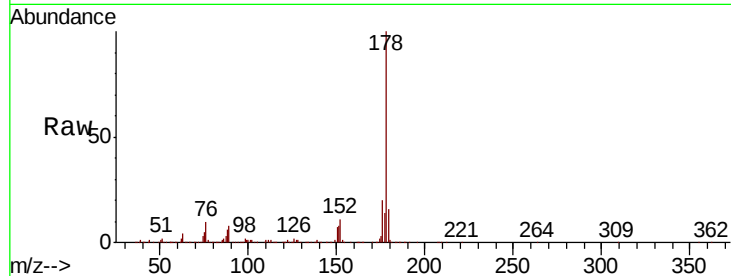
#71
Phenanthrene
Concen: 38.300 ng
RT: 17.49 min Scan# 2451
Delta R.T. 0.01 min
Lab File: BG044688.D
Acq: 5 Mar 2020 17:43

Instrument :
BNA_G
ClientSampleId :
ICVBG030520

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.1	16.5	24.7
179	16.0	13.8	20.8

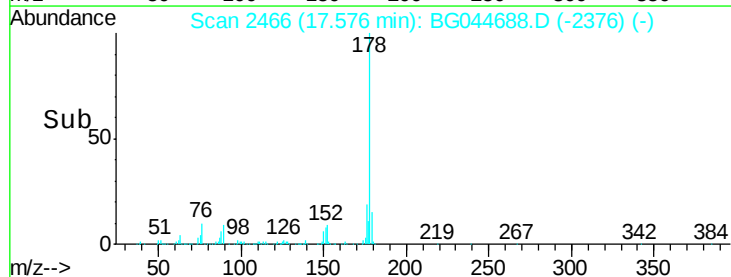
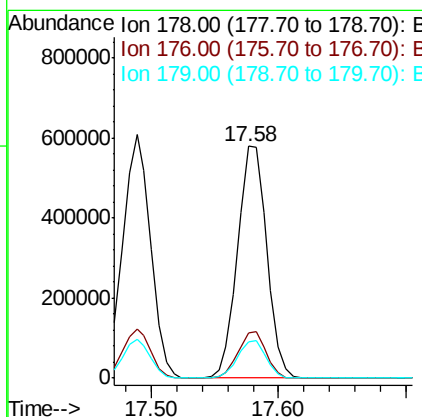
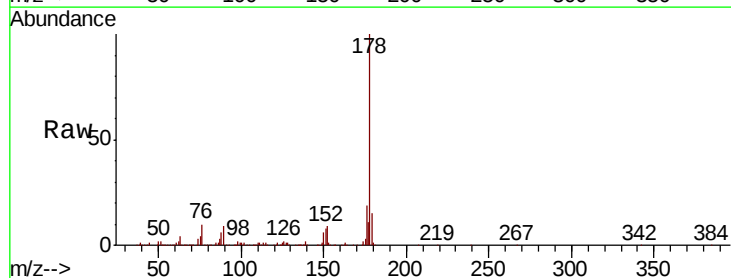
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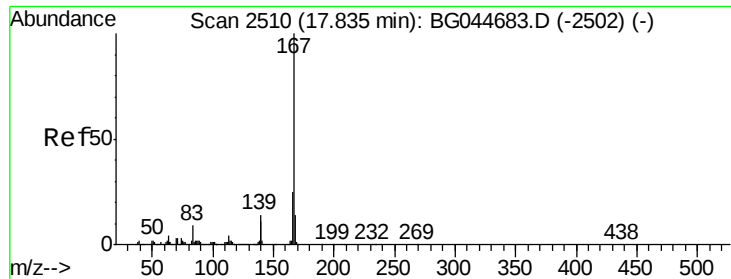
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#72
Anthracene
Concen: 38.270 ng
RT: 17.58 min Scan# 2466
Delta R.T. -0.00 min
Lab File: BG044688.D
Acq: 5 Mar 2020 17:43

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.7	23.5
179	15.4	12.6	19.0





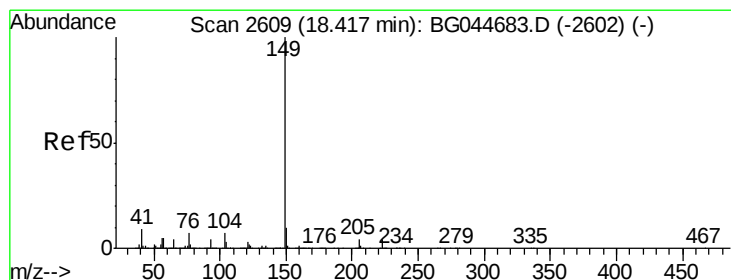
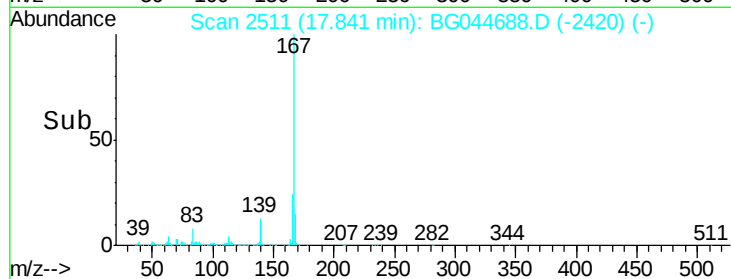
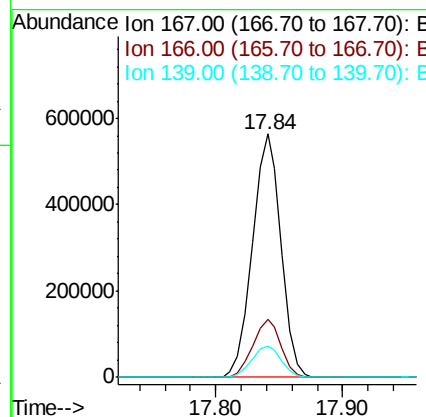
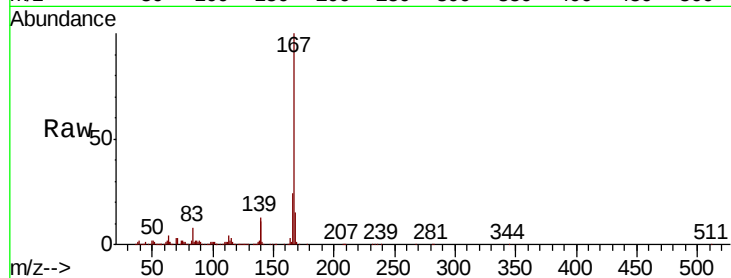
#73
 Carbazole
 Concen: 38.189 ng
 RT: 17.84 min Scan# 2511
 Delta R.T. 0.01 min
 Lab File: BG044688.D
 Acq: 5 Mar 2020 17:43

Instrument :
 BNA_G
 ClientSampleId :
 ICVBG030520

Tot Ion:	167	Resp:	880958
Ion Ratio	Lower	Upper	
167	100		
166	23.8	20.0	30.0
139	12.9	11.3	16.9

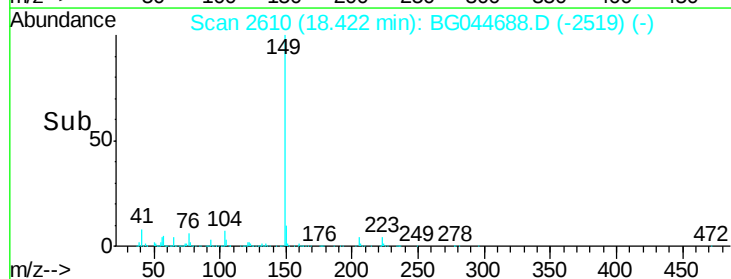
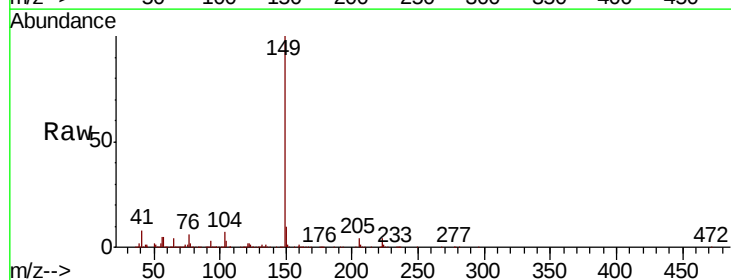
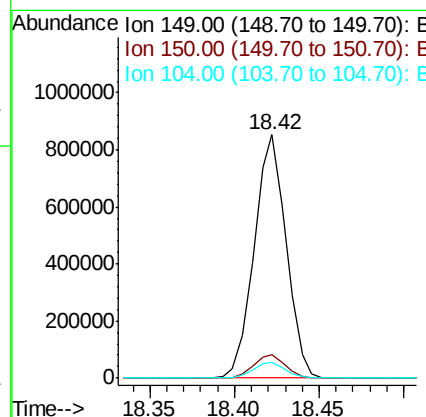
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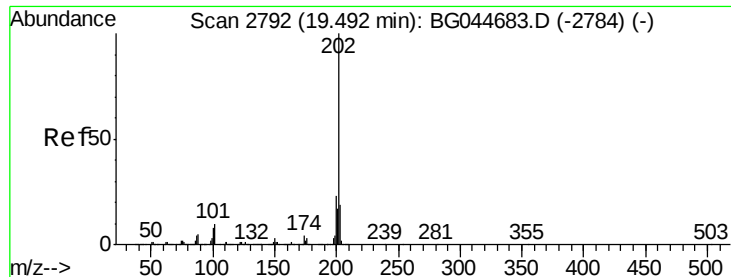
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#74
 Di-n-butylphthalate
 Concen: 38.624 ng
 RT: 18.42 min Scan# 2610
 Delta R.T. 0.01 min
 Lab File: BG044688.D
 Acq: 5 Mar 2020 17:43

Tgt Ion:	149	Resp:	1122144
Ion Ratio	Lower	Upper	
149	100		
150	9.9	8.0	12.0
104	6.6	5.5	8.3





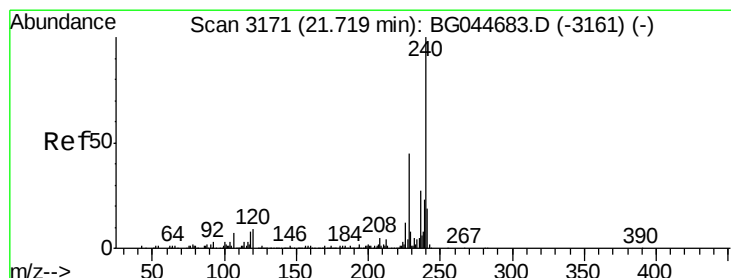
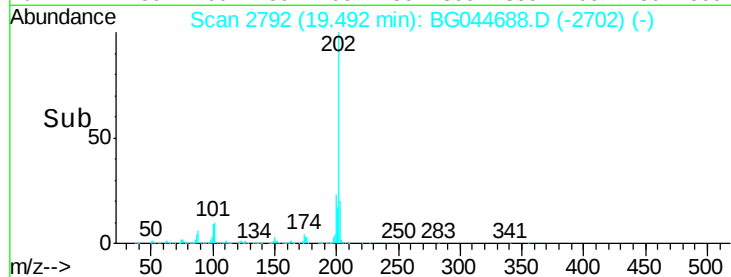
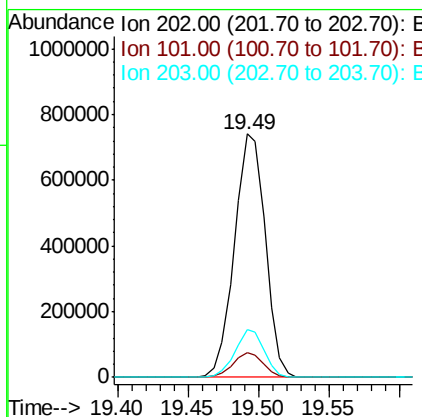
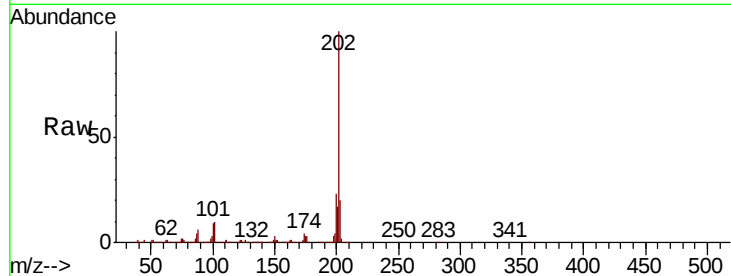
#75
Fluoranthene
Concen: 38.137 ng
RT: 19.49 min Scan# 2792
Delta R.T. -0.00 min
Lab File: BG044688.D
Acq: 5 Mar 2020 17:43

Instrument :
BNA_G
ClientSampleId :
ICVBG030520

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100				
101	10.3	0.0	30.3		
203	19.8	0.0	39.1		

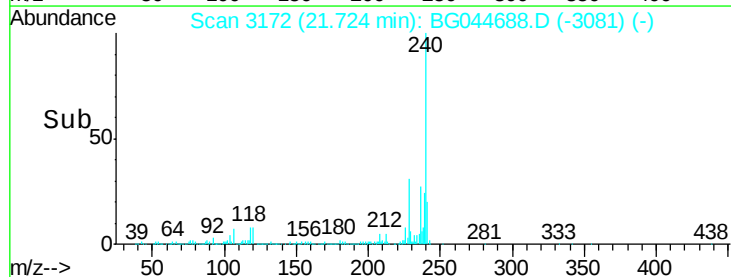
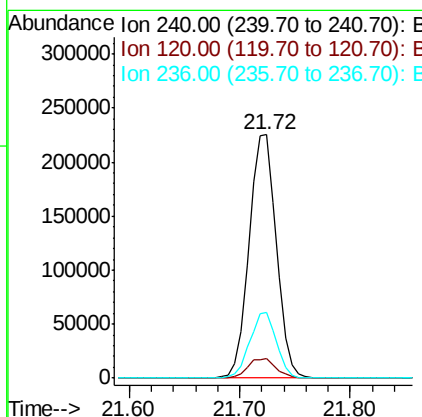
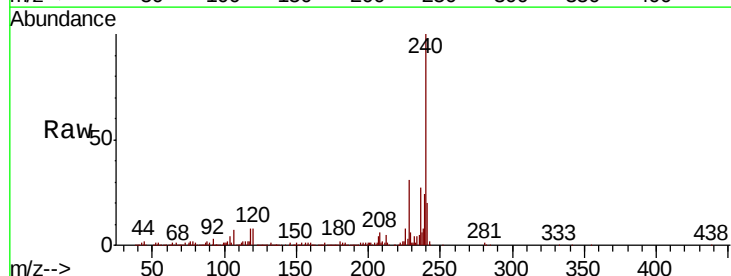
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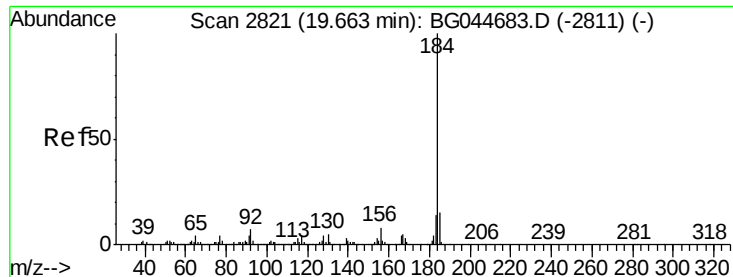
mohammad
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#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.72 min Scan# 3172
Delta R.T. 0.01 min
Lab File: BG044688.D
Acq: 5 Mar 2020 17:43

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
240	100				
120	8.0	7.0	10.6		
236	27.2	21.5	32.3		





#77

Benzidine

Concen: 35.538 ng

RT: 19.67 min Scan# 2822

Delta R.T. 0.01 min

Lab File: BG044688.D

Acq: 5 Mar 2020 17:43

Instrument :

BNA_G

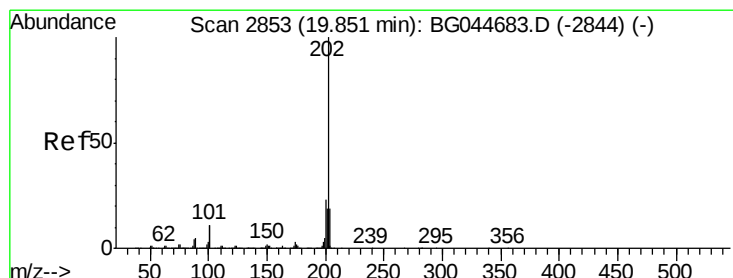
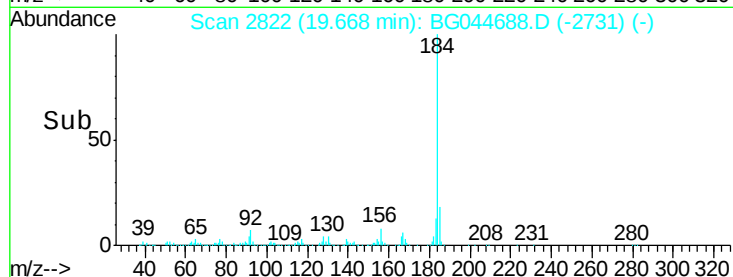
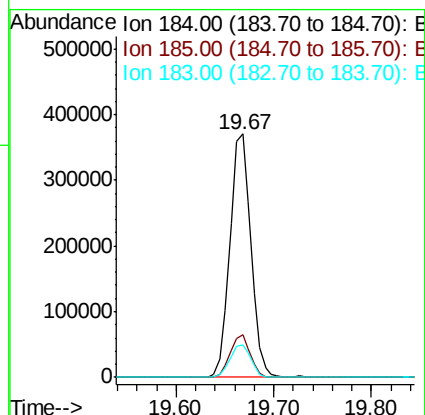
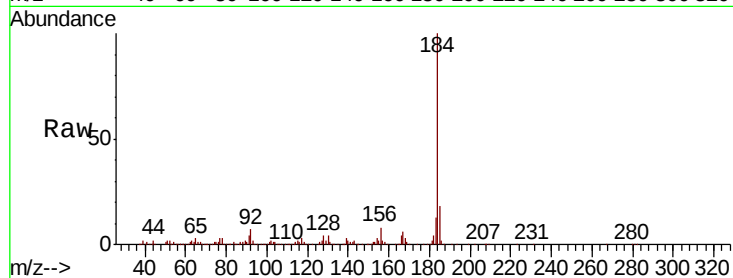
ClientSampleId :

ICVBG030520

Tot Ion:	184	Resp:	555447
Ion Ratio	Lower	Upper	
184	100		
185	17.6	12.0	18.0
183	13.4	11.4	17.2

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#78

Pyrene

Concen: 37.964 ng

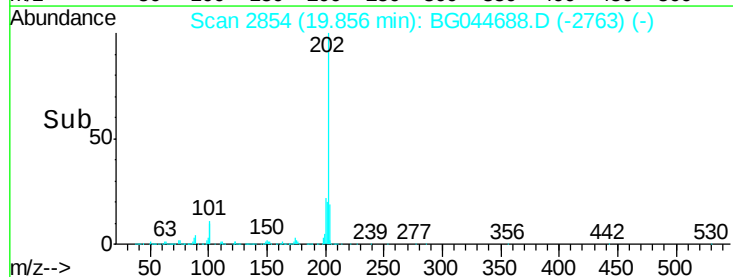
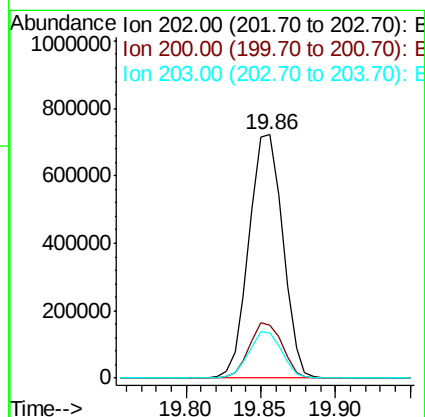
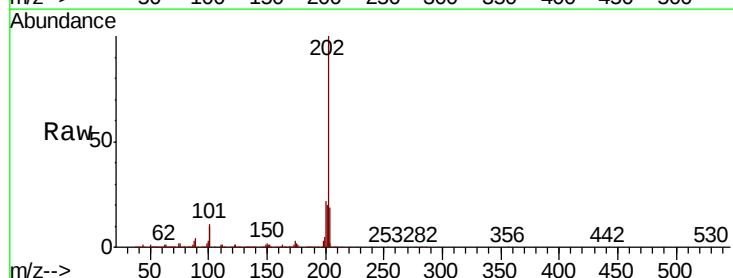
RT: 19.86 min Scan# 2854

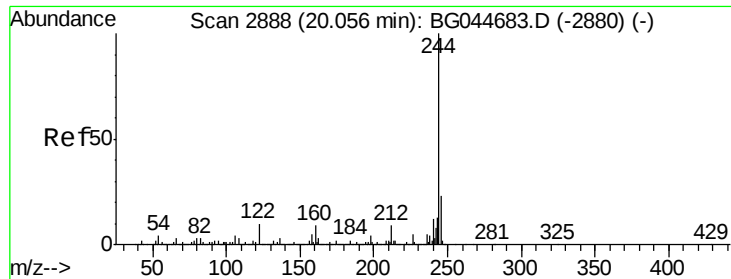
Delta R.T. 0.01 min

Lab File: BG044688.D

Acq: 5 Mar 2020 17:43

Tgt Ion:	202	Resp:	1133779
Ion Ratio	Lower	Upper	
202	100		
200	21.9	18.2	27.2
203	18.8	15.2	22.8





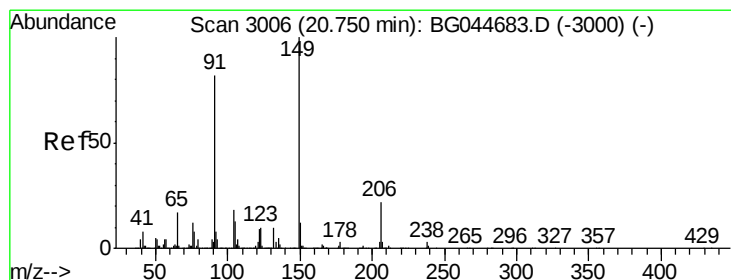
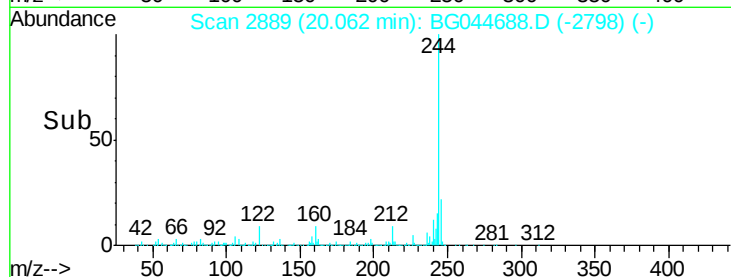
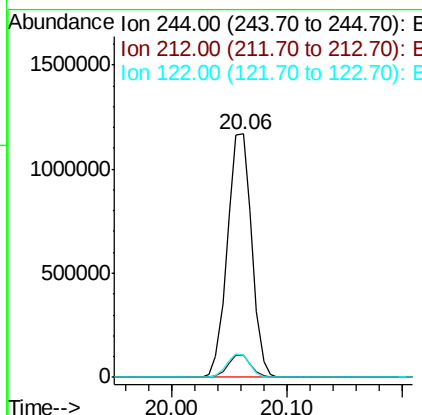
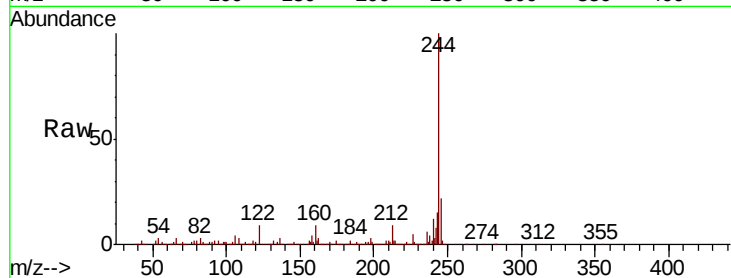
#79
 Terphenyl-d14
 Concen: 77.246 ng
 RT: 20.06 min Scan# 2889
 Delta R.T. 0.01 min
 Lab File: BG044688.D
 Acq: 5 Mar 2020 17:43

Instrument :
 BNA_G
 ClientSampleId :
 ICVBG030520

Tot Ion	Ratio	Lower	Upper
244	100		
212	9.1	7.5	11.3
122	8.9	7.7	11.5

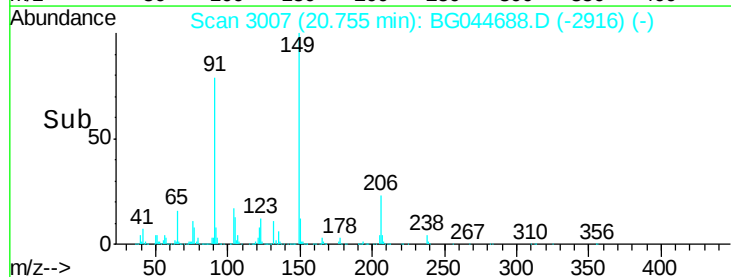
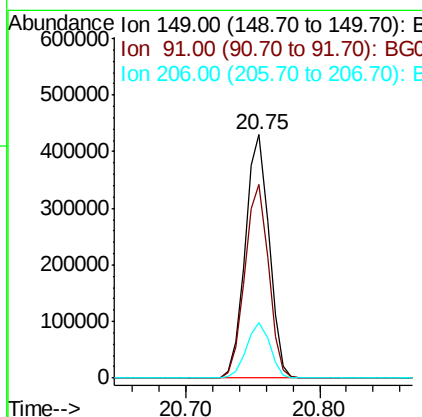
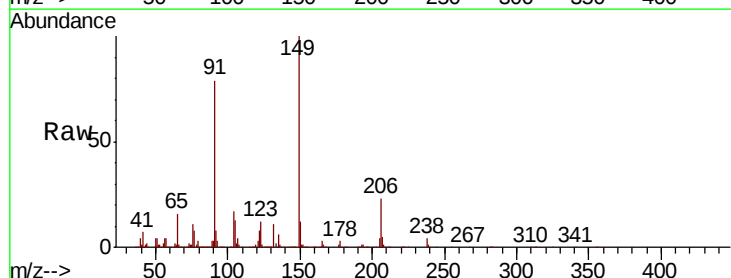
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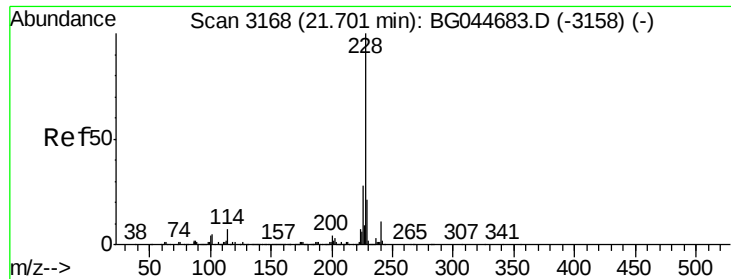
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#80
 Butylbenzylphthalate
 Concen: 39.439 ng
 RT: 20.75 min Scan# 3007
 Delta R.T. 0.01 min
 Lab File: BG044688.D
 Acq: 5 Mar 2020 17:43

Tgt Ion	Ratio	Lower	Upper
149	100		
91	79.5	65.7	98.5
206	22.8	17.3	25.9





#81

Benzo(a)anthracene

Concen: 37.947 ng

RT: 21.70 min Scan# 3168

Delta R.T. -0.00 min

Lab File: BG044688.D

Acq: 5 Mar 2020 17:43

Instrument :

BNA_G

ClientSampleId :

ICVBG030520

Tot Ion:228 Resp: 1114198

Ion Ratio Lower Upper

228 100

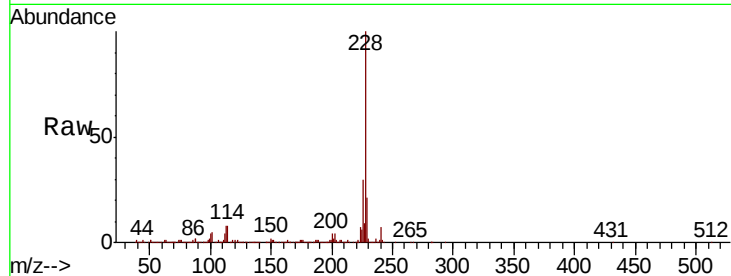
226 29.6 22.8 34.2

229 21.1 17.0 25.6

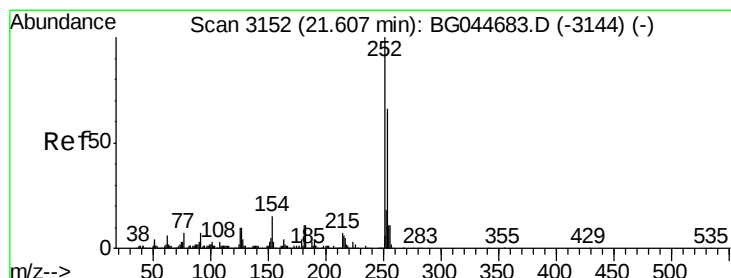
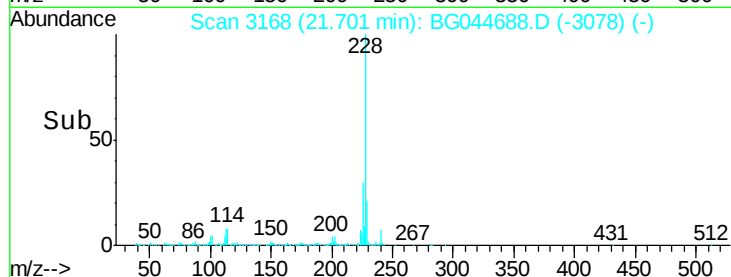
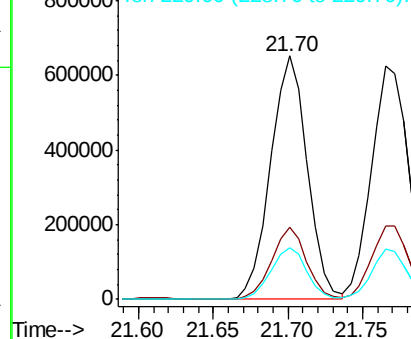
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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 37.930 ng

RT: 21.61 min Scan# 3153

Delta R.T. 0.01 min

Lab File: BG044688.D

Acq: 5 Mar 2020 17:43

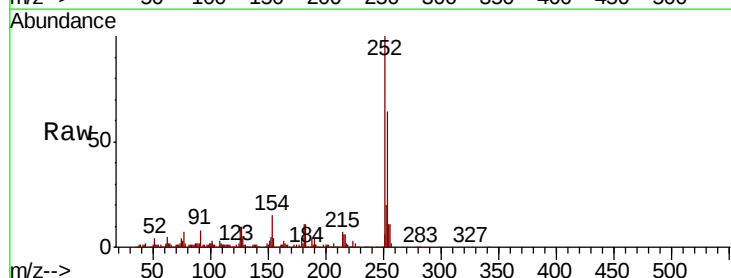
Tgt Ion:252 Resp: 443431

Ion Ratio Lower Upper

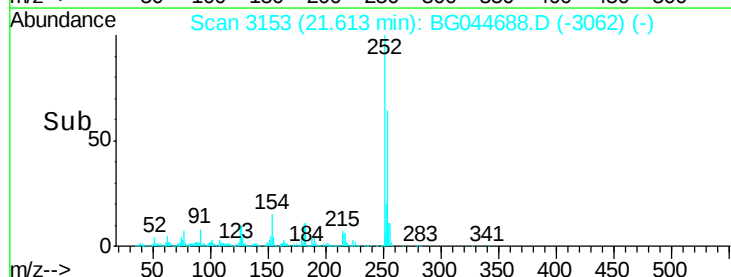
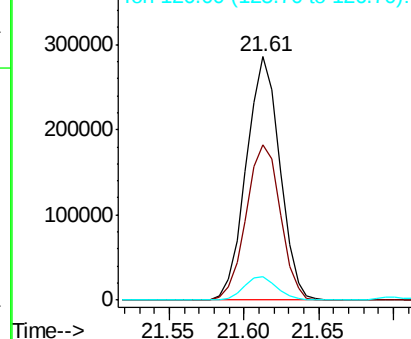
252 100

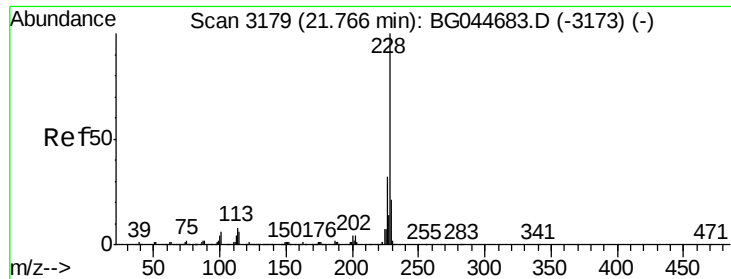
254 64.0 52.6 79.0

126 9.6 7.8 11.6



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





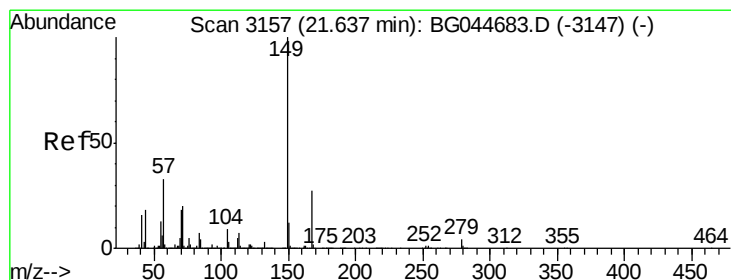
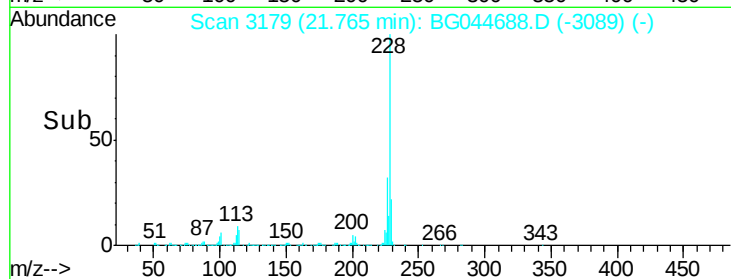
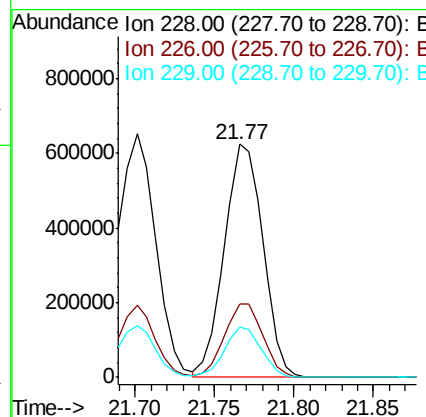
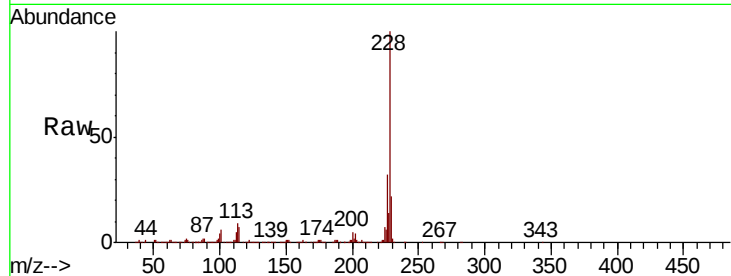
#83
 Chrvsene
 Concen: 37.658 ng
 RT: 21.77 min Scan# 3179
 Delta R.T. -0.00 min
 Lab File: BG044688.D
 Acq: 5 Mar 2020 17:43

Instrument :
 BNA_G
 ClientSampleId :
 ICVBG030520

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.6	25.8	38.6
229	21.5	16.6	25.0

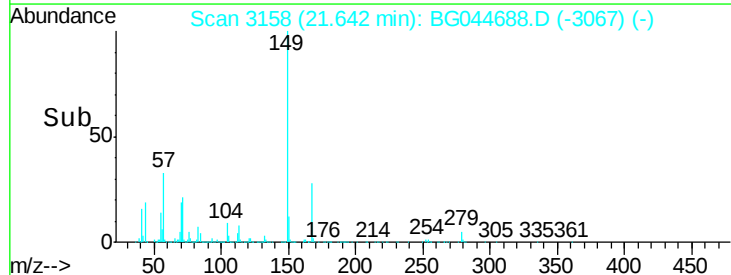
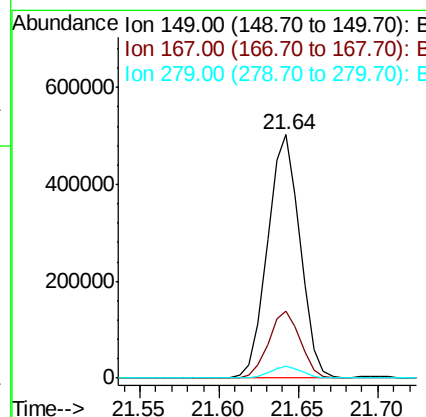
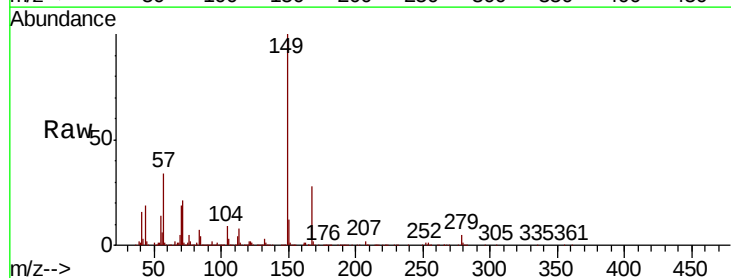
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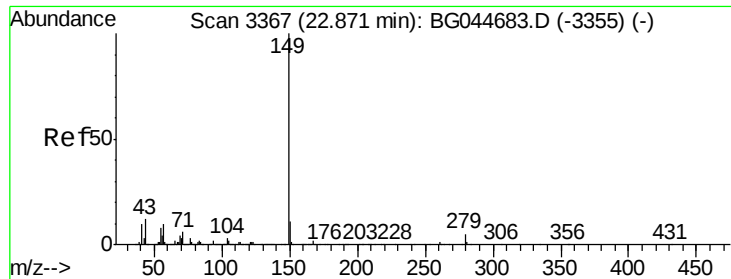
mohammad
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 38.513 ng
 RT: 21.64 min Scan# 3158
 Delta R.T. 0.01 min
 Lab File: BG044688.D
 Acq: 5 Mar 2020 17:43

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.8	21.3	31.9
279	4.9	3.6	5.4





#85

Di-n-octyl phthalate

Concen: 39.159 ng

RT: 22.87 min Scan# 3367

Delta R.T. -0.00 min

Lab File: BG044688.D

Acq: 5 Mar 2020 17:43

Instrument :

BNA_G

ClientSampleId :

ICVBG030520

Tot Ion:149 Resp: 1250078

Ion Ratio Lower Upper

149 100

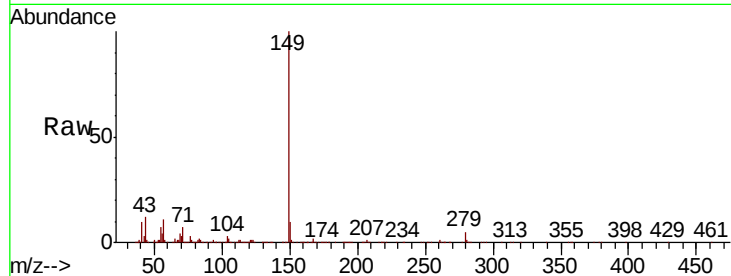
167 1.7 1.3 1.9

43 11.4 9.5 14.3

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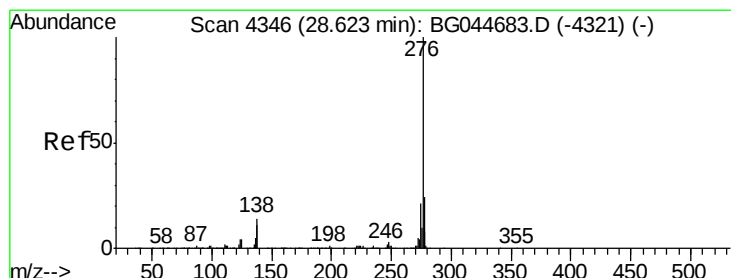
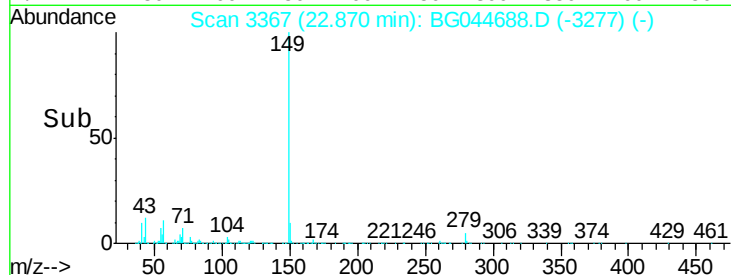
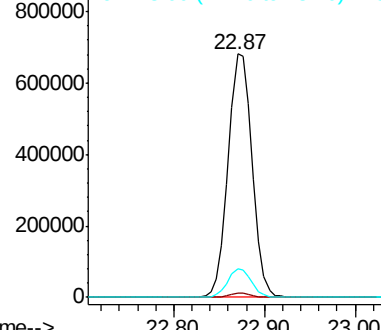
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 37.251 ng

RT: 28.62 min Scan# 4346

Delta R.T. -0.00 min

Lab File: BG044688.D

Acq: 5 Mar 2020 17:43

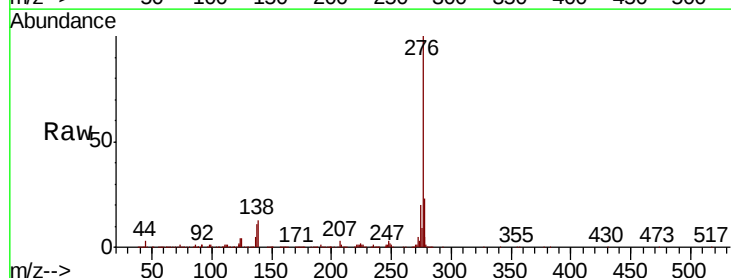
Tgt Ion:276 Resp: 1374968

Ion Ratio Lower Upper

276 100

138 6.8 9.5 14.3#

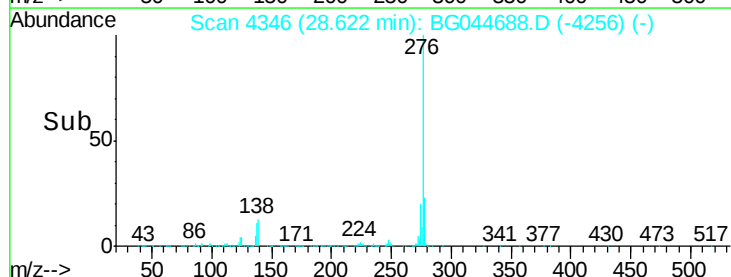
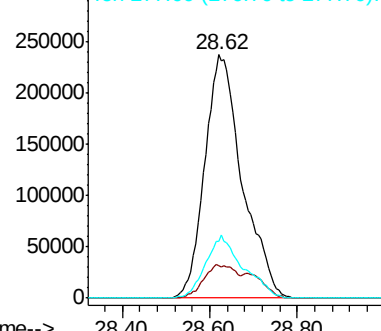
277 25.7 20.6 30.8

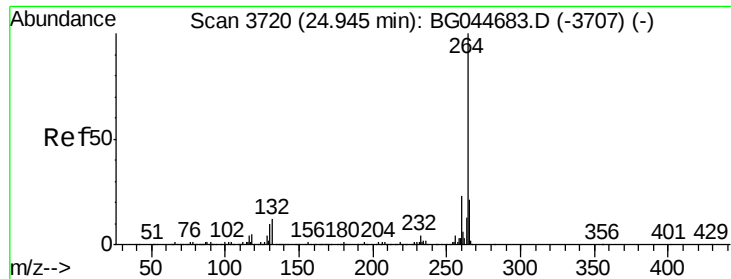


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.95 min Scan# 3721

Delta R.T. 0.01 min

Lab File: BG044688.D

Acq: 5 Mar 2020 17:43

Instrument :

BNA_G

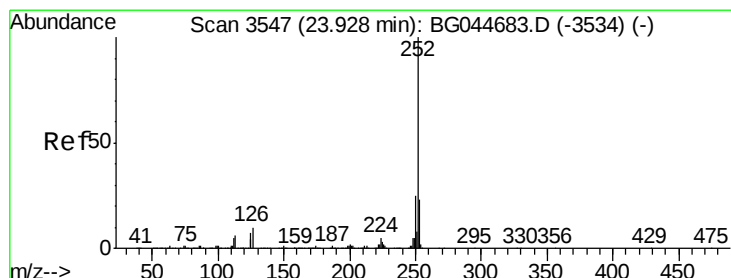
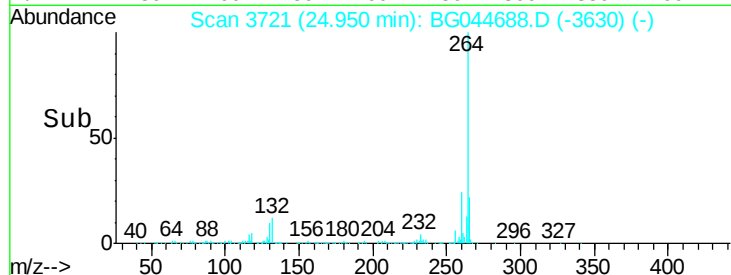
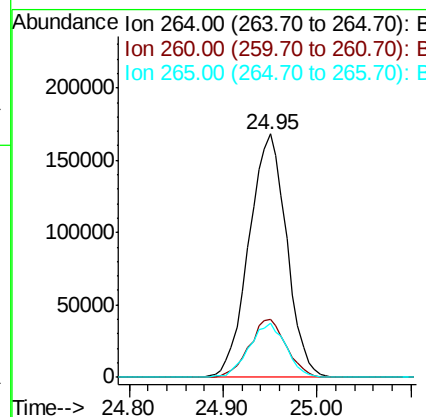
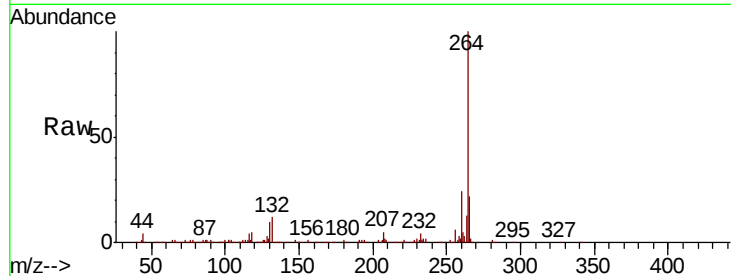
ClientSampleId :

ICVBG030520

Tot Ion:	264	Resp:	464910
Ion Ratio	Lower	Upper	
264	100		
260	23.8	18.4	27.6
265	22.2	16.9	25.3

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#88

Benzo(b)fluoranthene

Concen: 37.883 ng

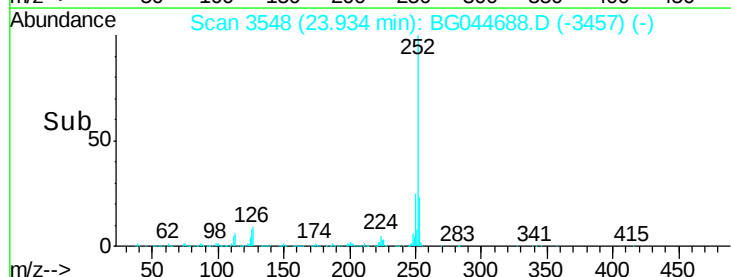
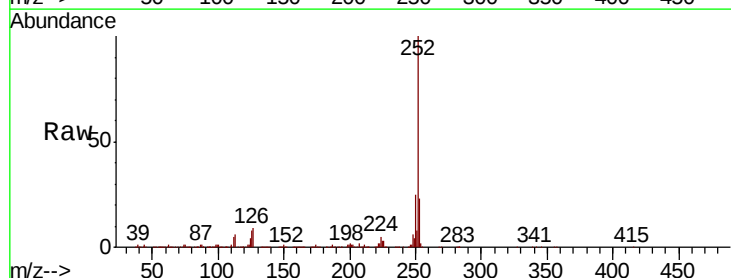
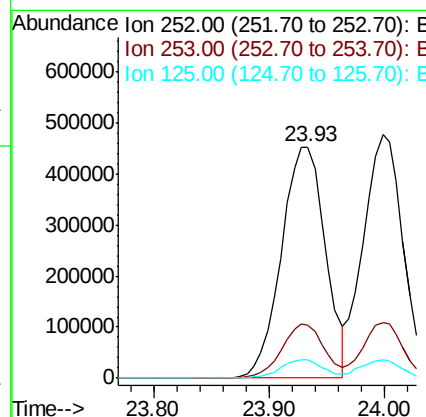
RT: 23.93 min Scan# 3548

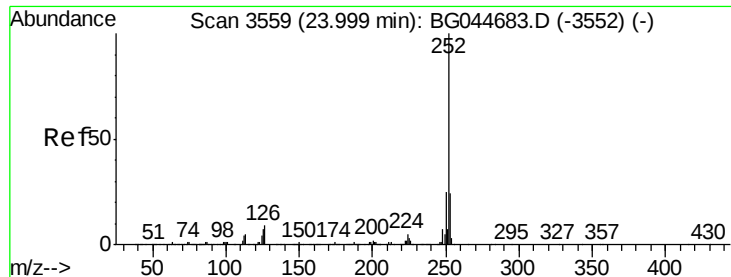
Delta R.T. 0.01 min

Lab File: BG044688.D

Acq: 5 Mar 2020 17:43

Tgt Ion:	252	Resp:	1198679
Ion Ratio	Lower	Upper	
252	100		
253	23.1	18.1	27.1
125	8.0	5.6	8.4





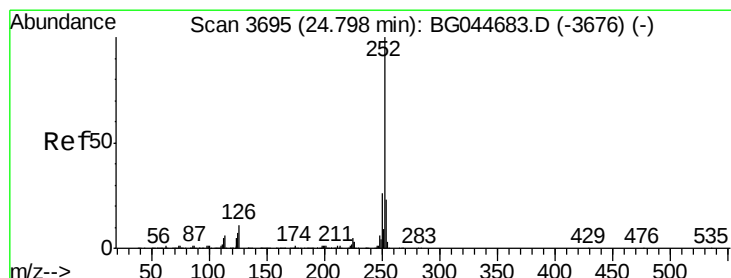
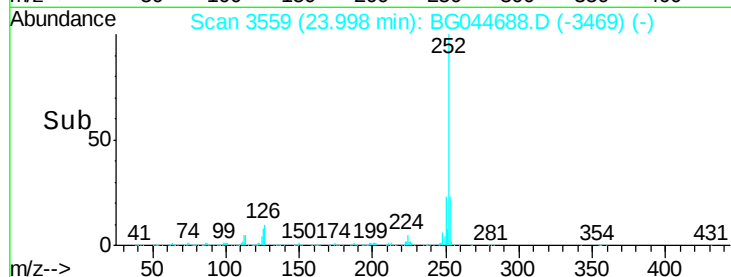
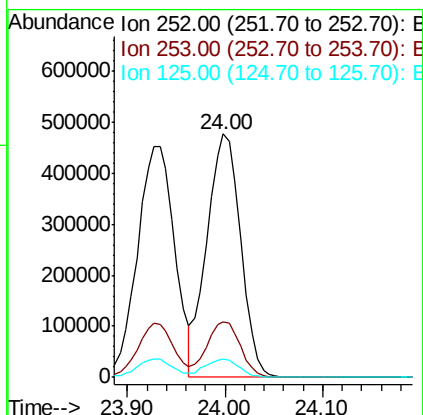
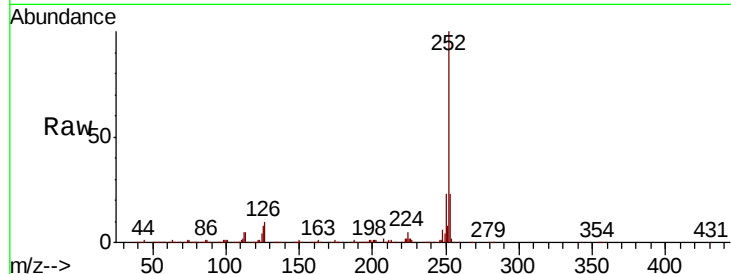
#89
Benzo(k)fluoranthene
Concen: 38.414 ng
RT: 24.00 min Scan# 3559
Delta R.T. -0.00 min
Lab File: BG044688.D
Acq: 5 Mar 2020 17:43

Instrument :
BNA_G
ClientSampleId :
ICVBG030520

Tot Ion:252 Resp: 1139319
Ion Ratio Lower Upper
252 100
253 22.8 18.5 27.7
125 7.6 5.8 8.8

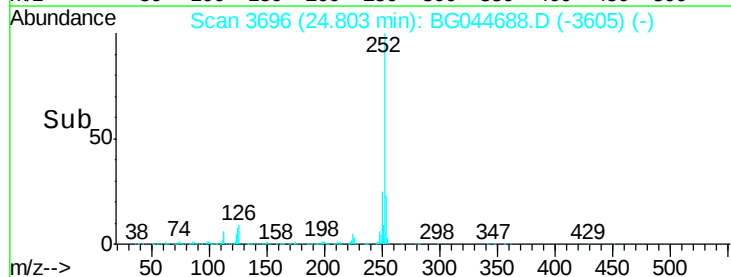
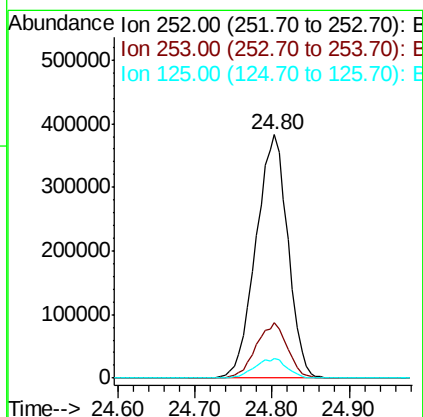
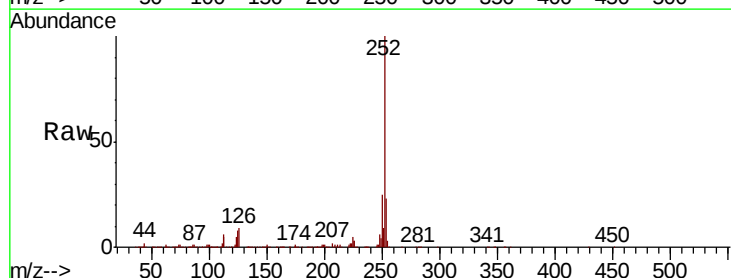
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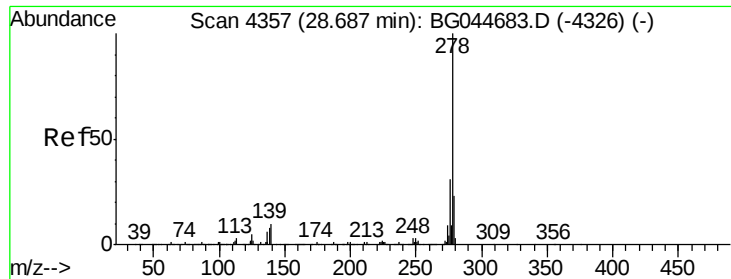
mohammad
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#90
Benzo(a)pyrene
Concen: 37.588 ng
RT: 24.80 min Scan# 3696
Delta R.T. 0.01 min
Lab File: BG044688.D
Acq: 5 Mar 2020 17:43

Tgt Ion:252 Resp: 1107718
Ion Ratio Lower Upper
252 100
253 22.6 18.4 27.6
125 8.1 6.0 9.0





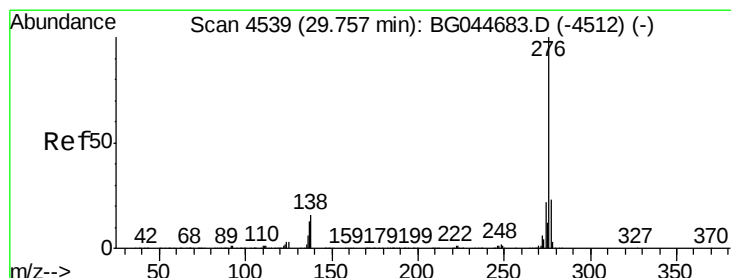
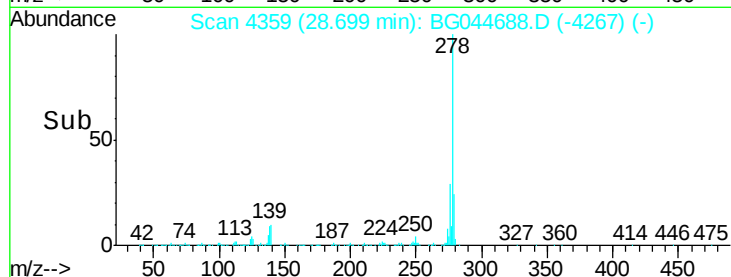
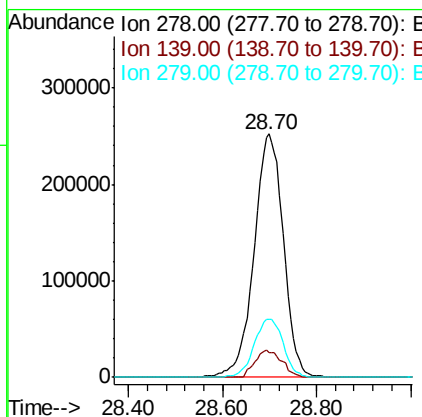
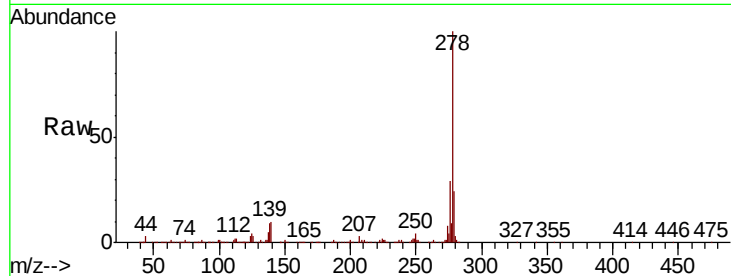
#91
Dibenzo(a,h)anthracene
Concen: 37.287 ng
RT: 28.70 min Scan# 4359
Delta R.T. 0.01 min
Lab File: BG044688.D
Acq: 5 Mar 2020 17:43

Instrument :
BNA_G
ClientSampleId :
ICVBG030520

Tot Ion	Ratio	Lower	Upper
278	100		
139	10.4	8.4	12.6
279	23.8	18.2	27.2

Manual Integrations
APPROVED

mohammad
3/6/2020 10:17:41 PM



#92
Benzo(g,h,i)perylene
Concen: 37.652 ng
RT: 29.77 min Scan# 4542
Delta R.T. 0.02 min
Lab File: BG044688.D
Acq: 5 Mar 2020 17:43

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.6	18.7	28.1
138	15.0	12.7	19.1

